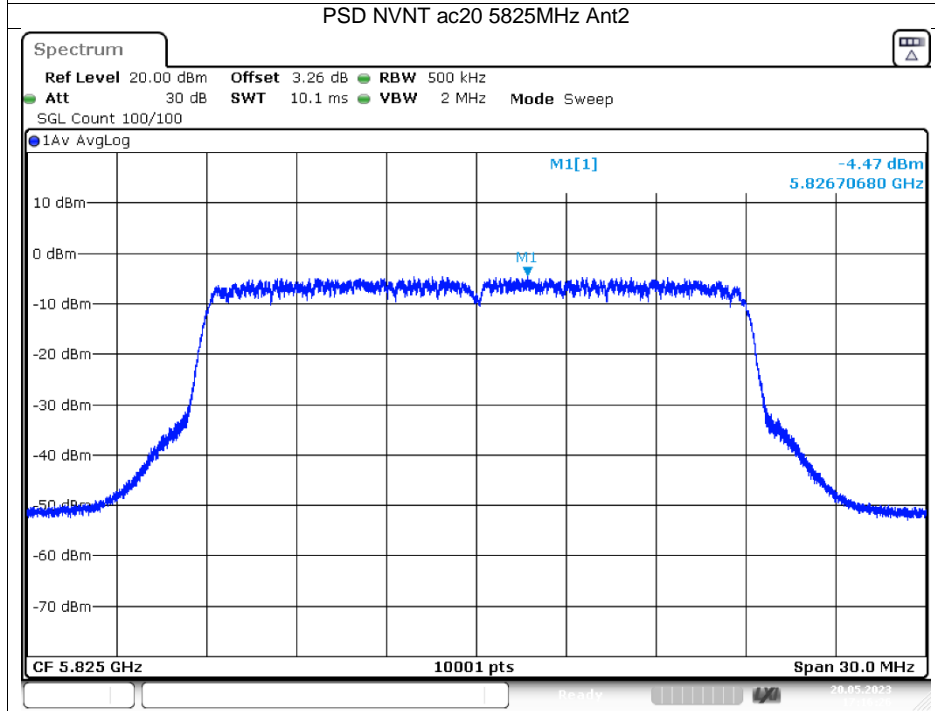
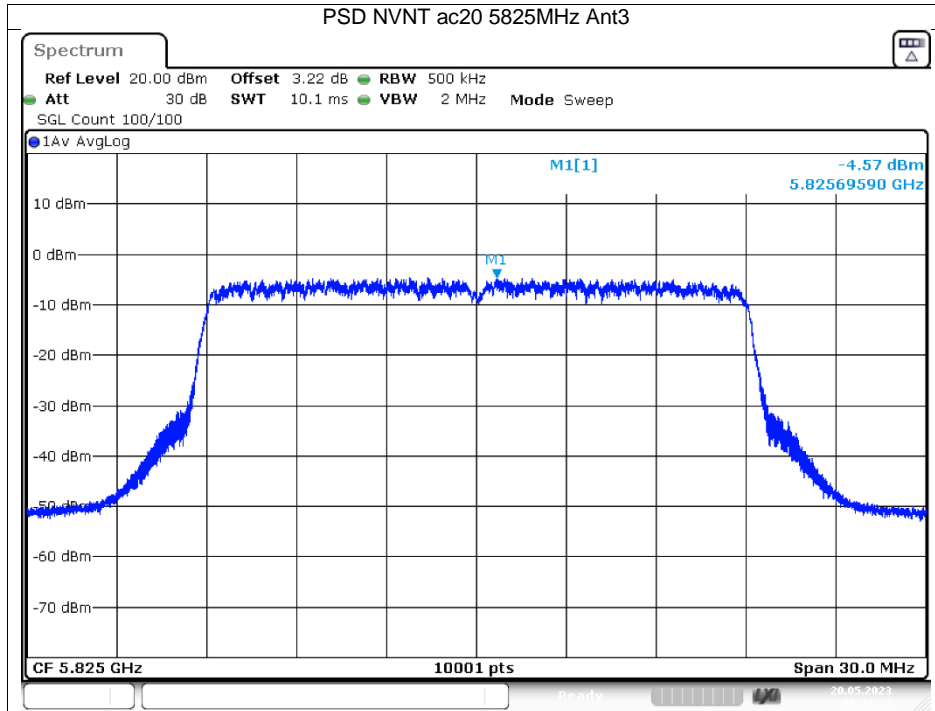


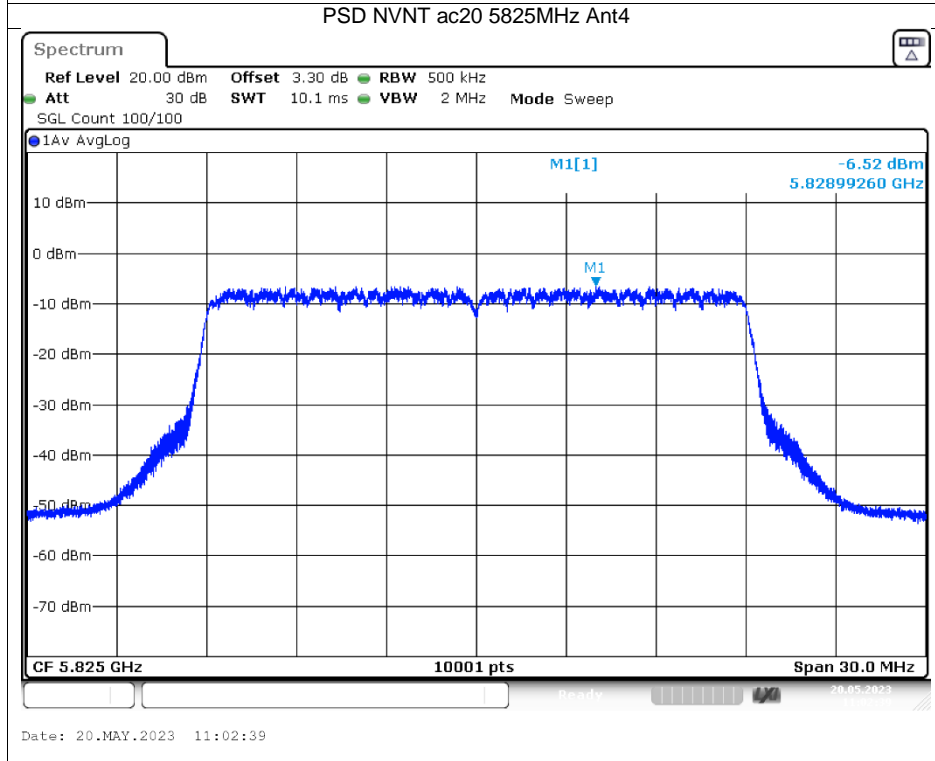
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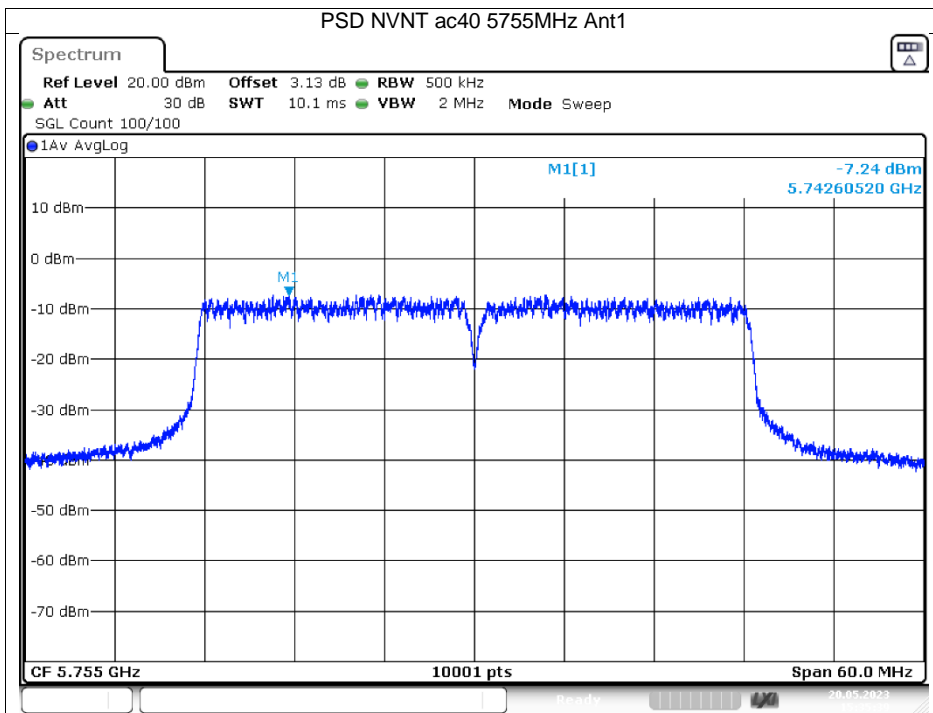
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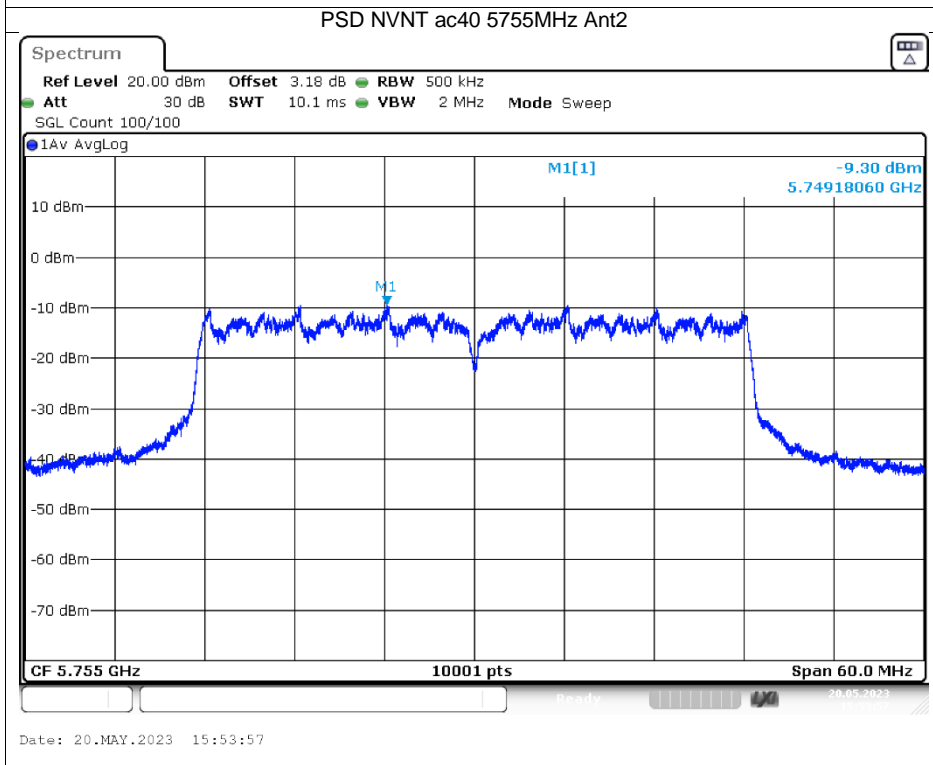
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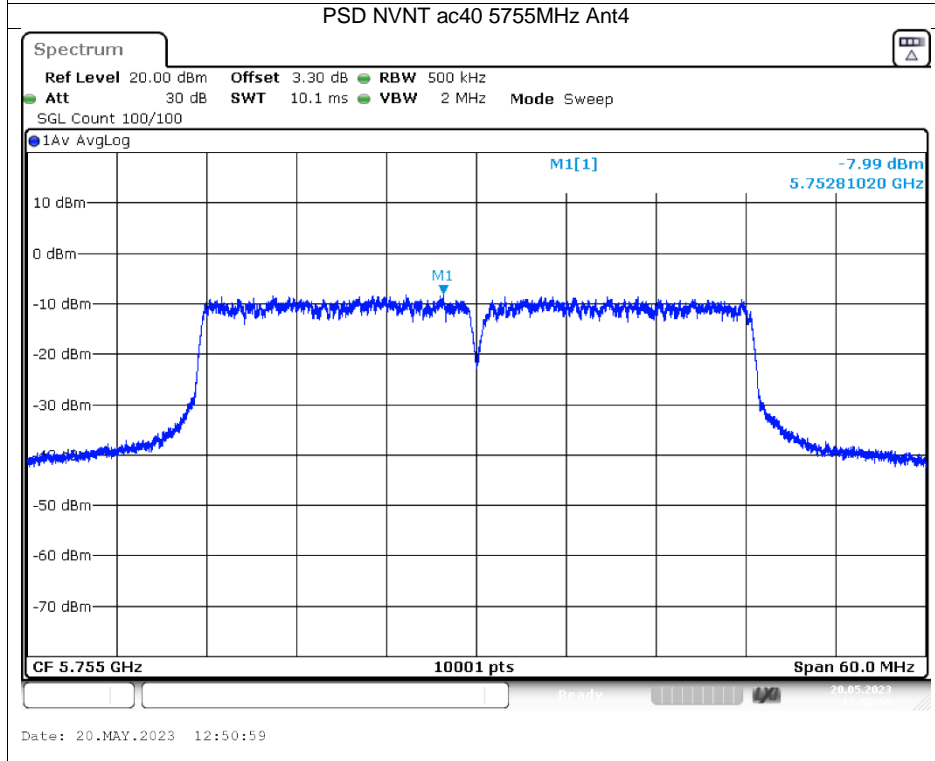
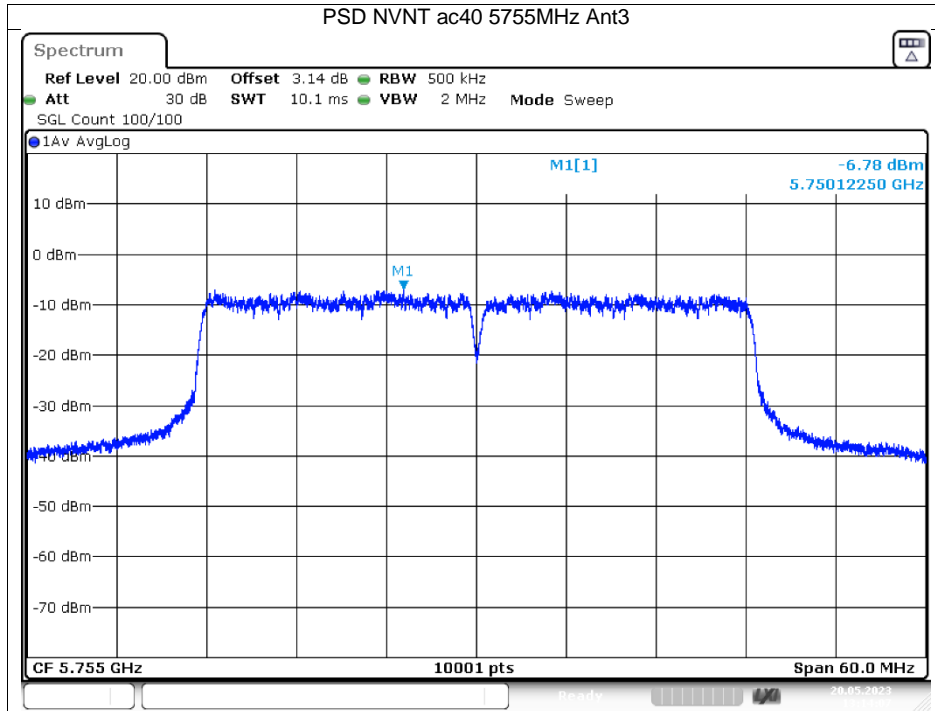
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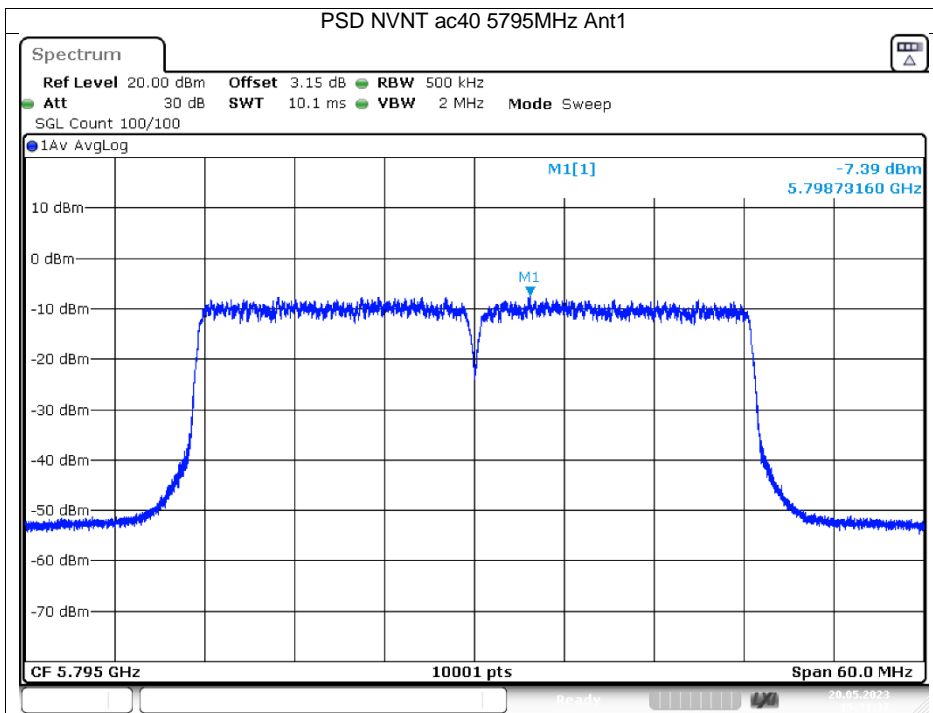


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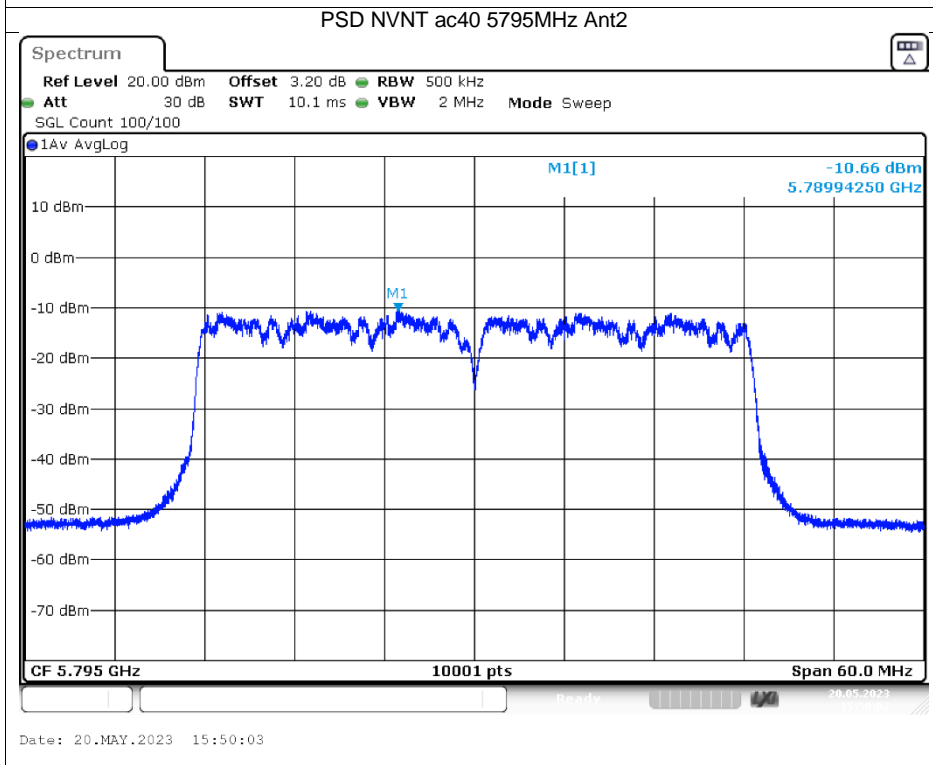


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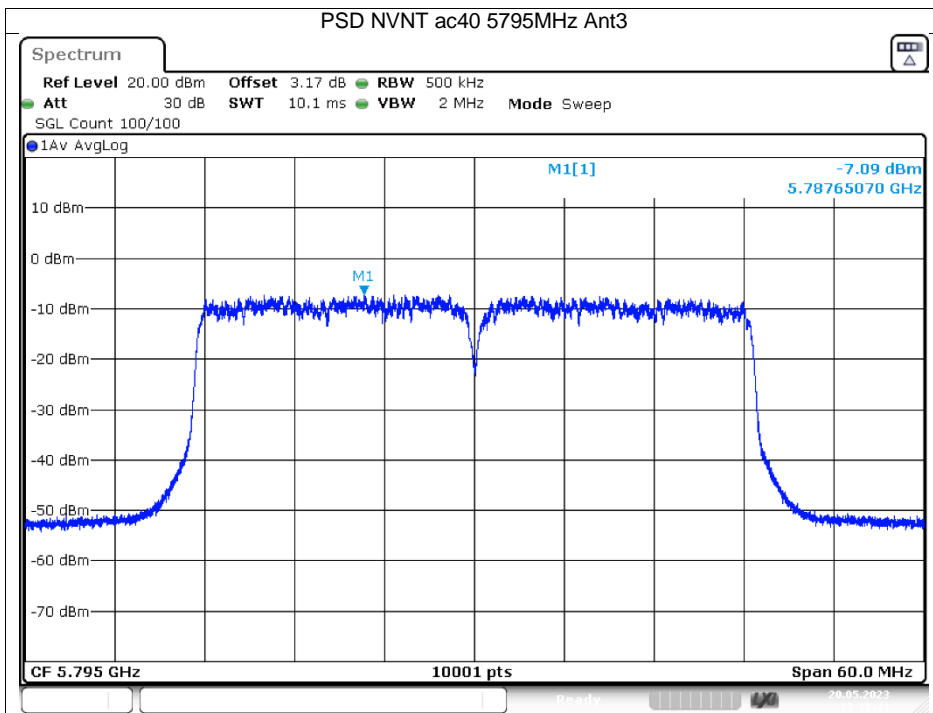




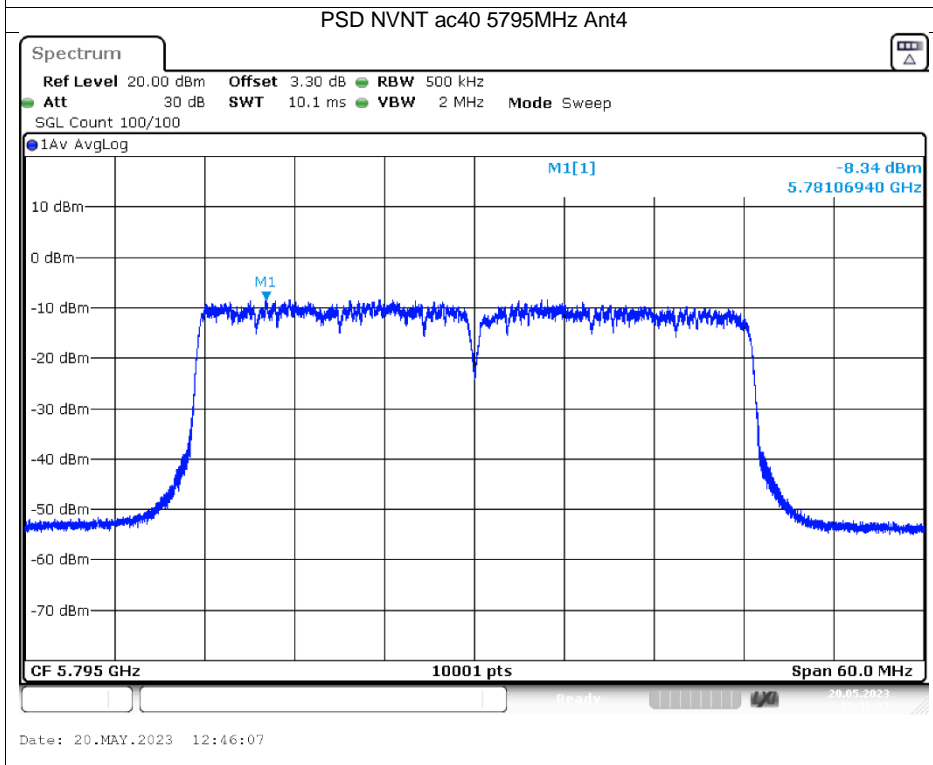
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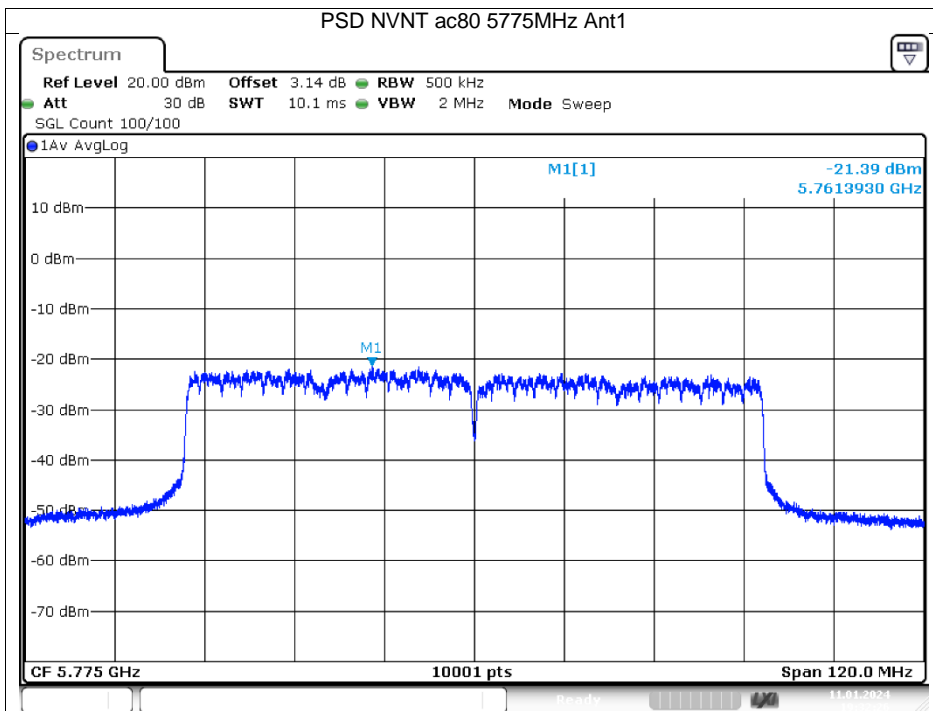
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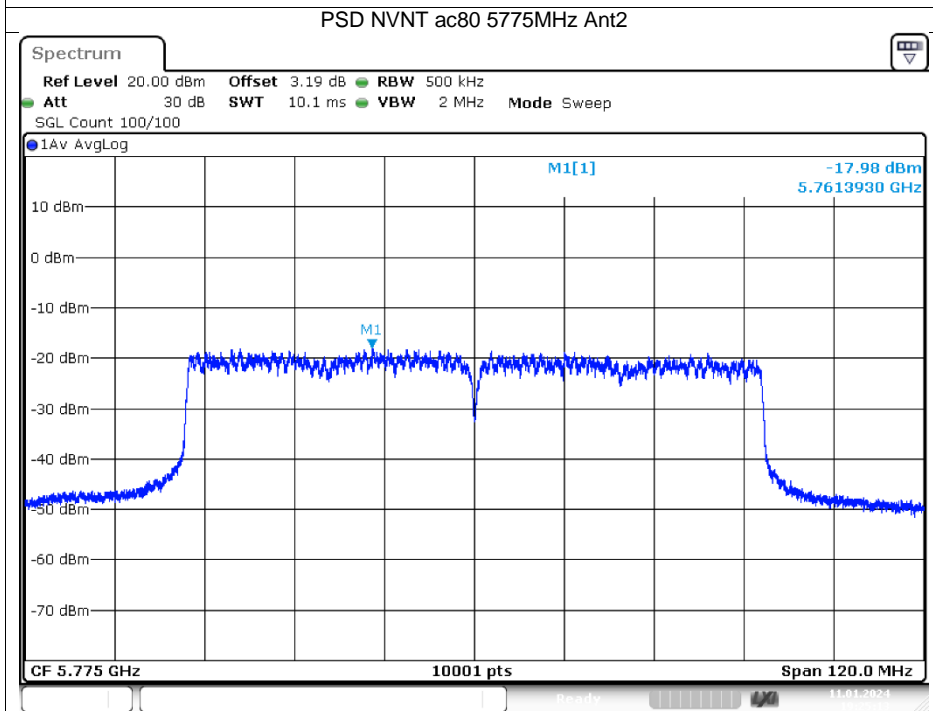
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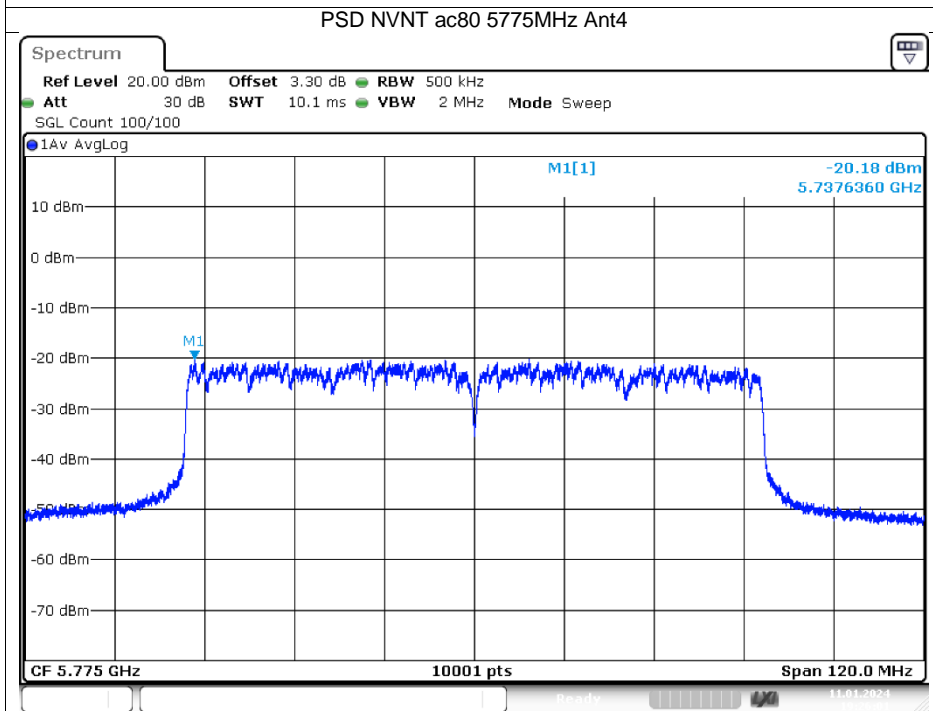
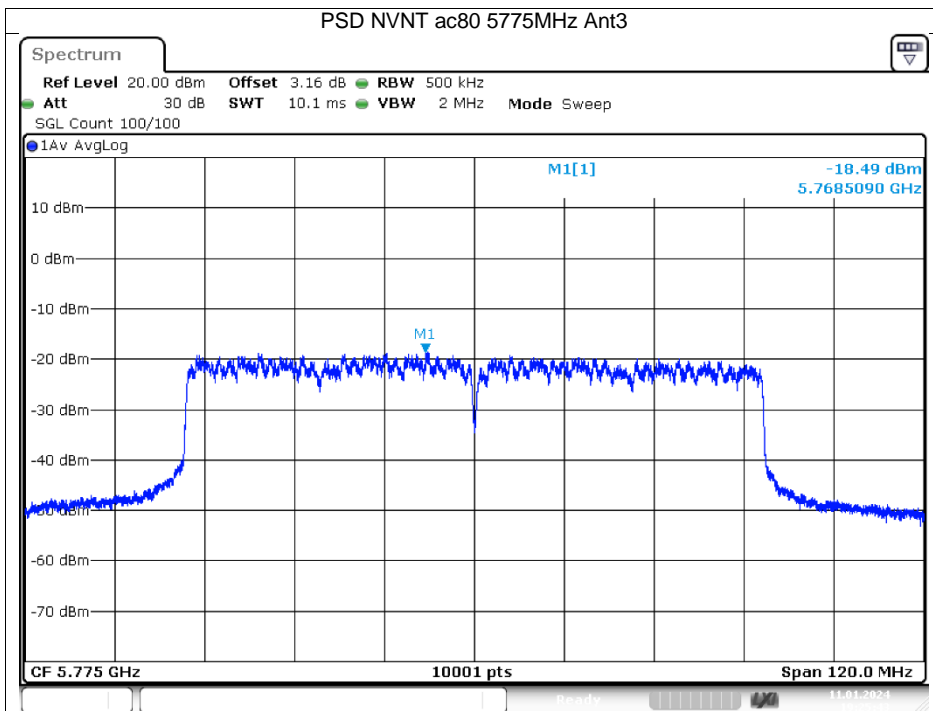
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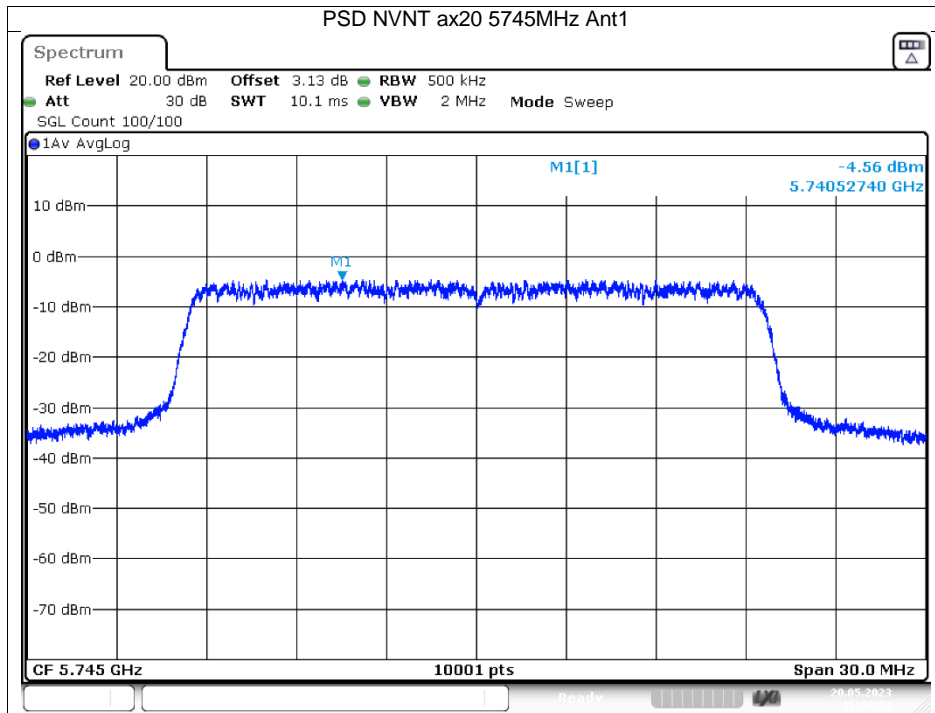
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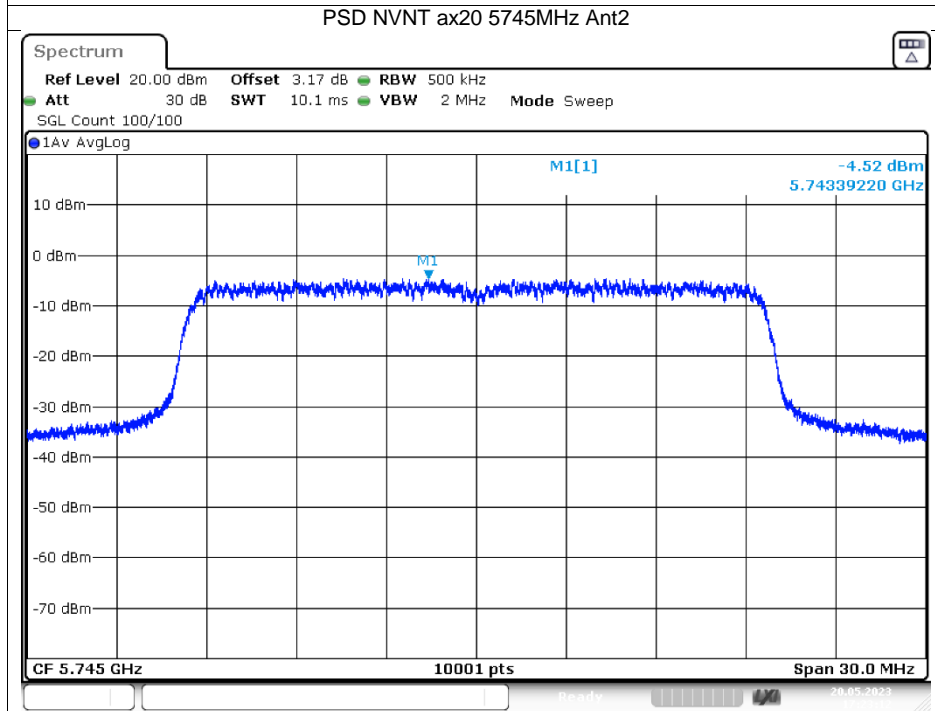
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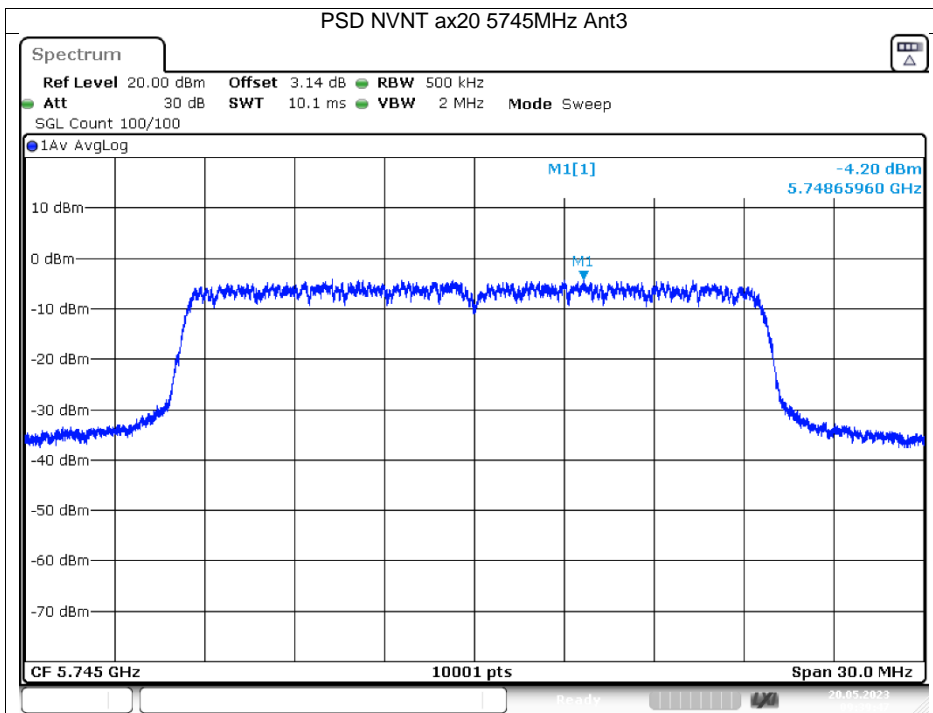




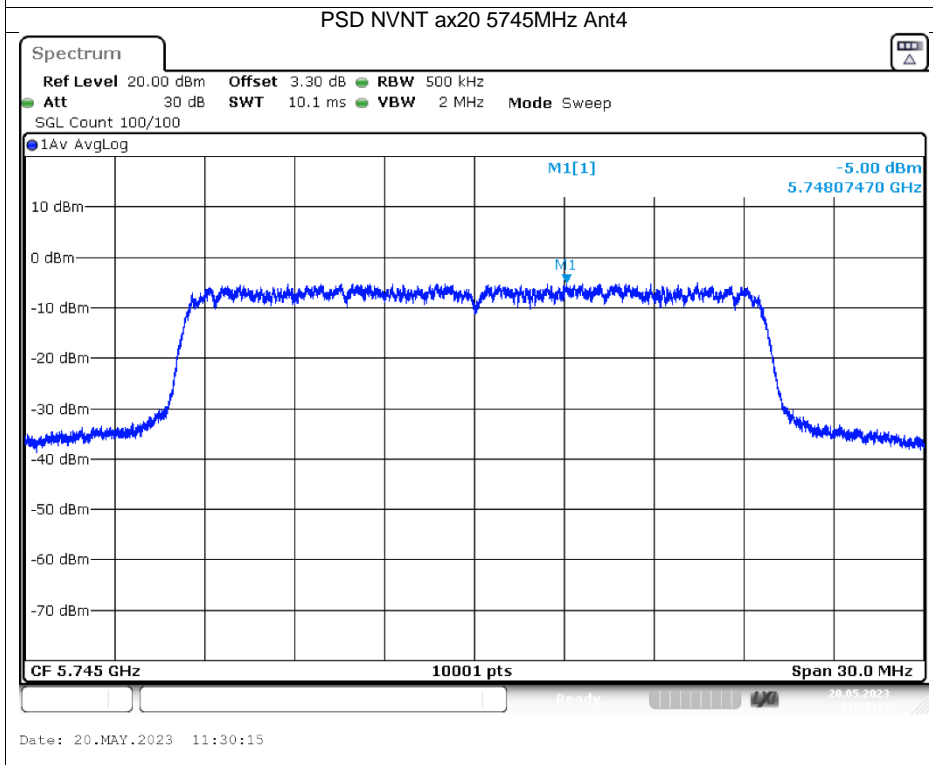
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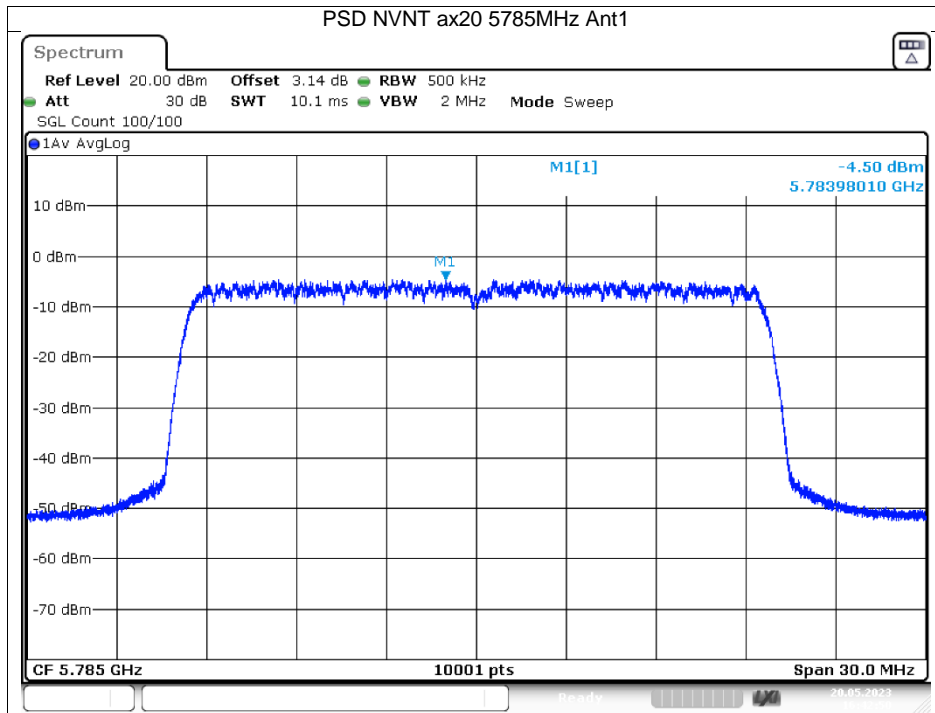
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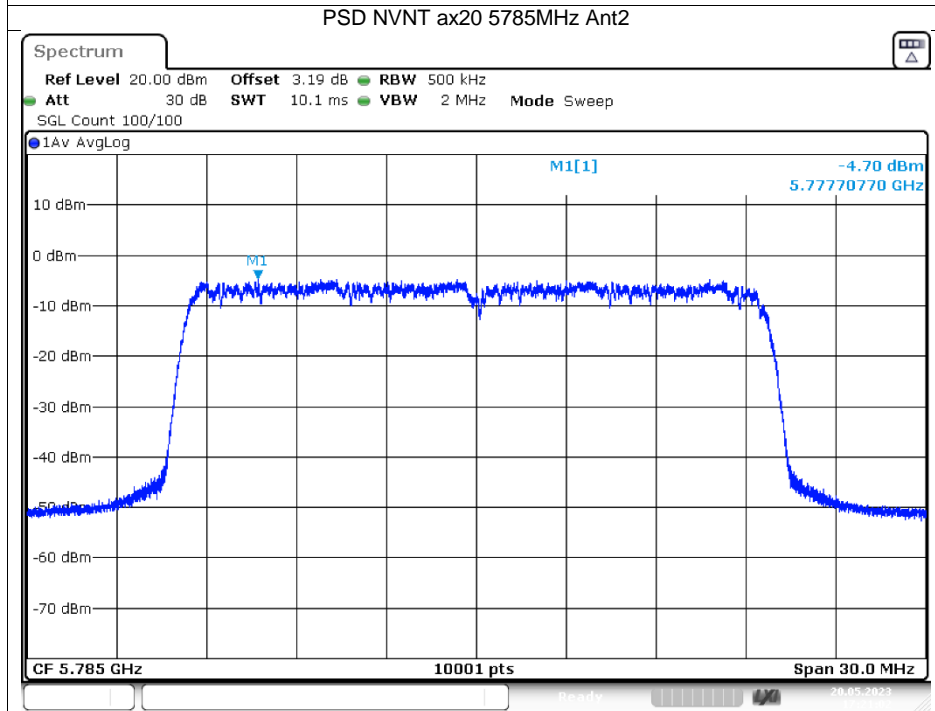
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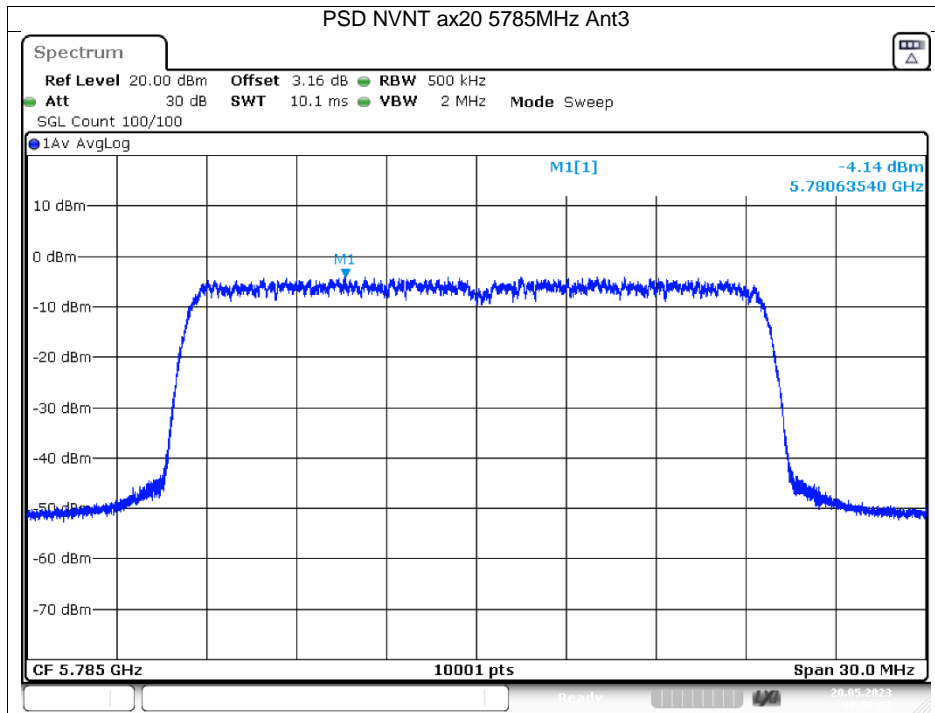
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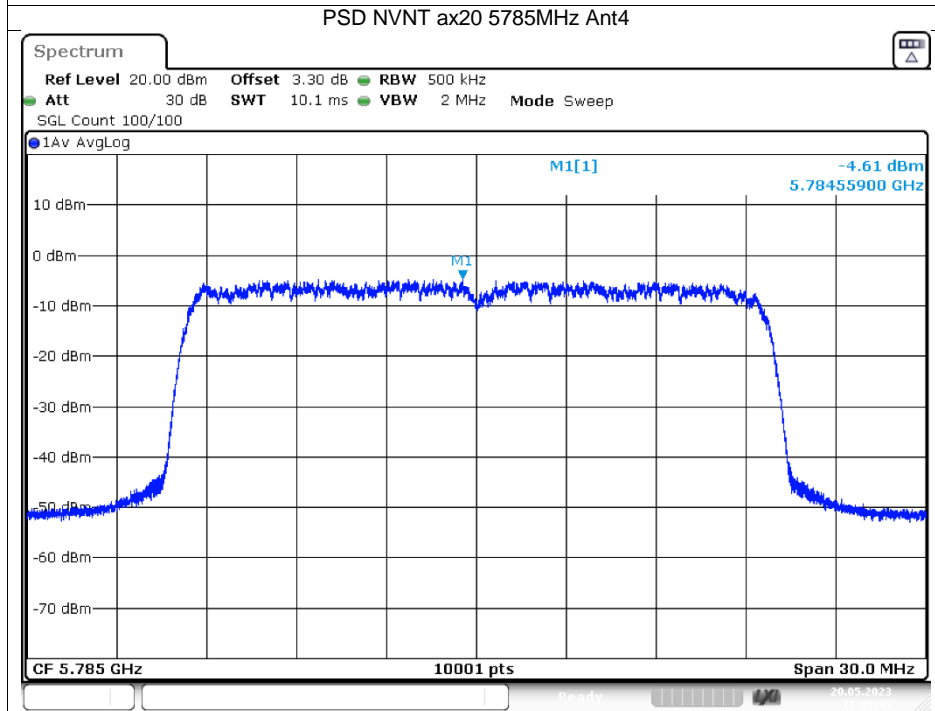
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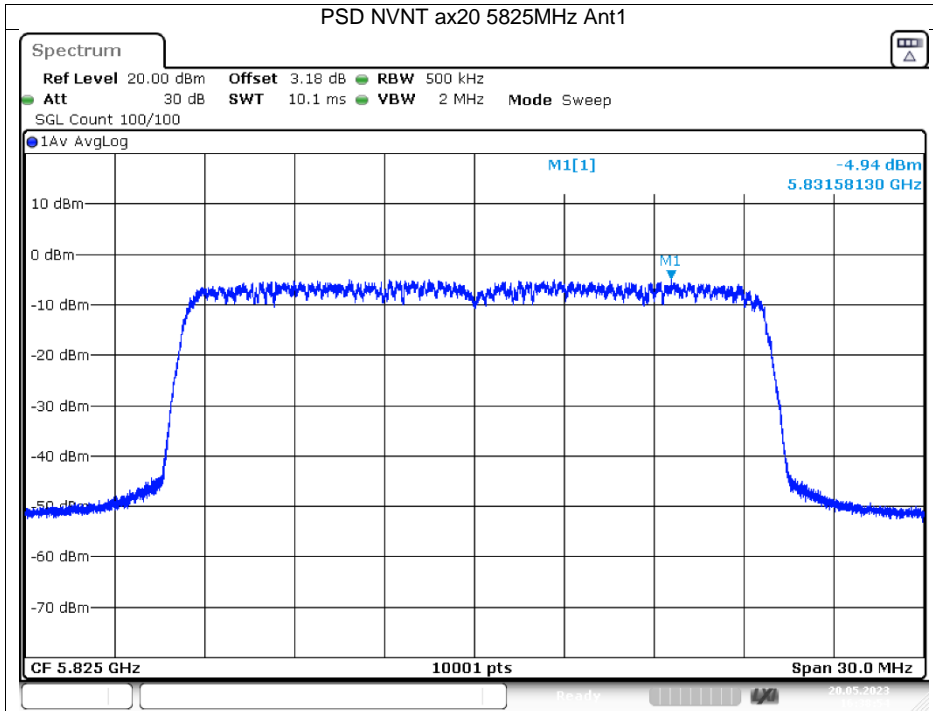
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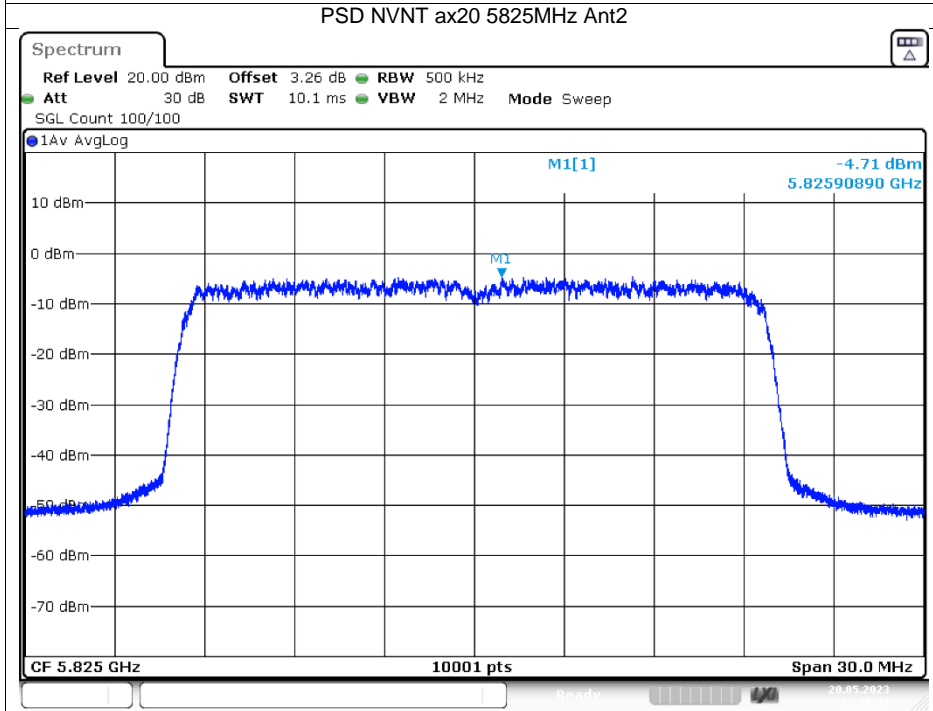
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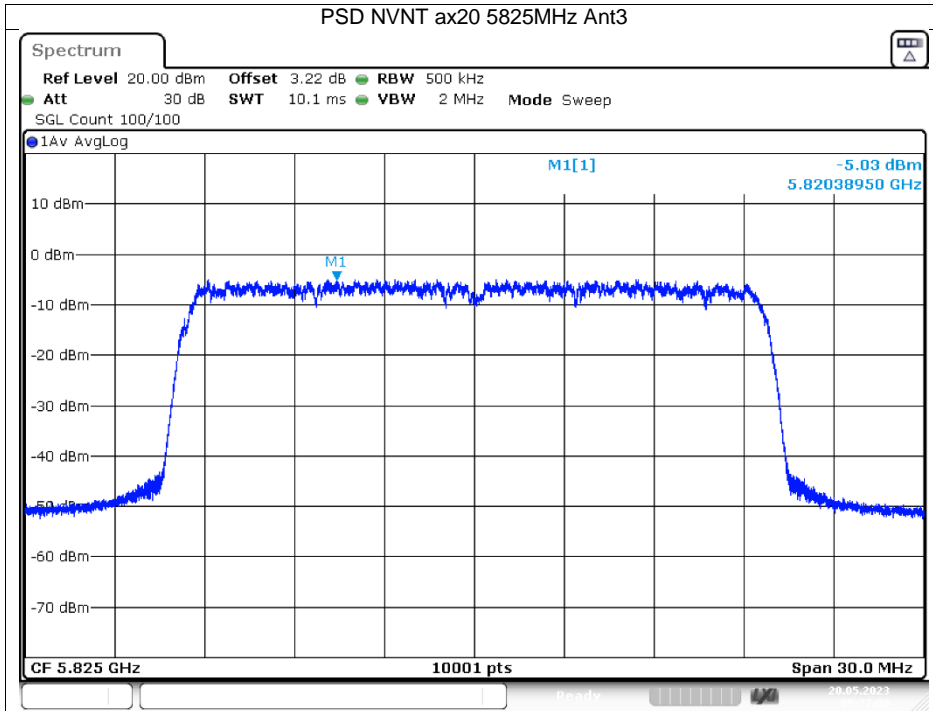
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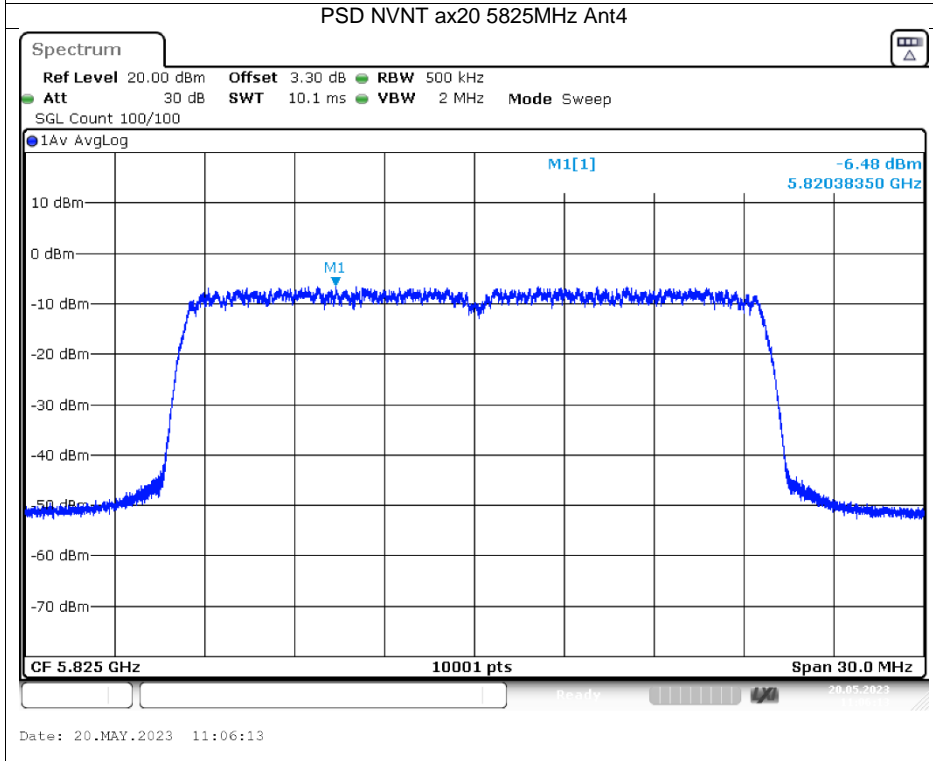
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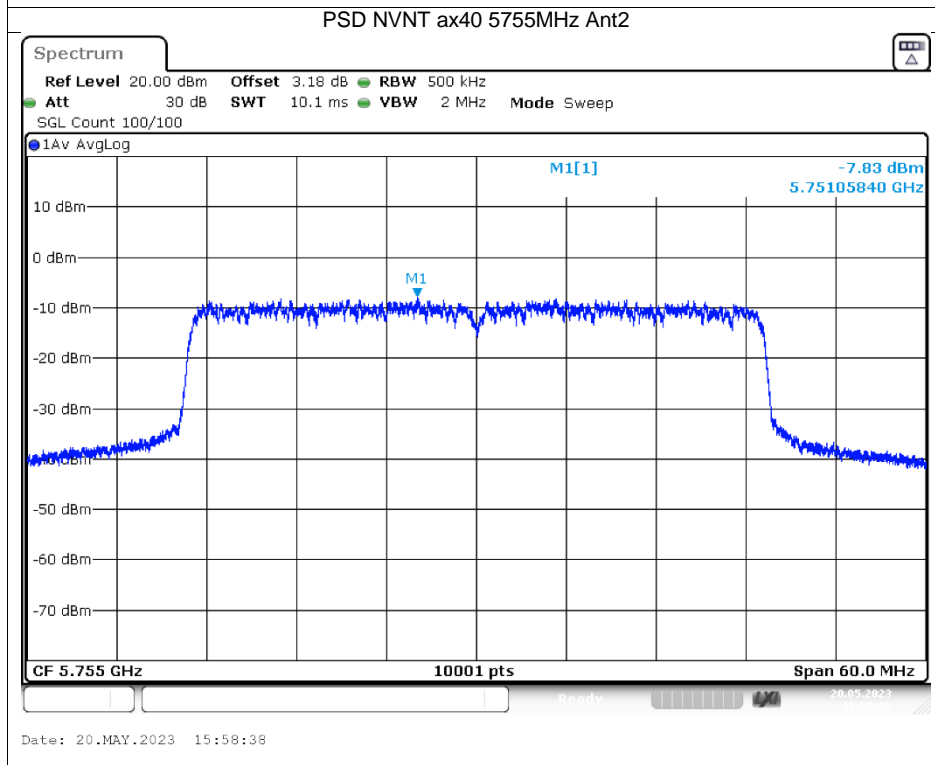
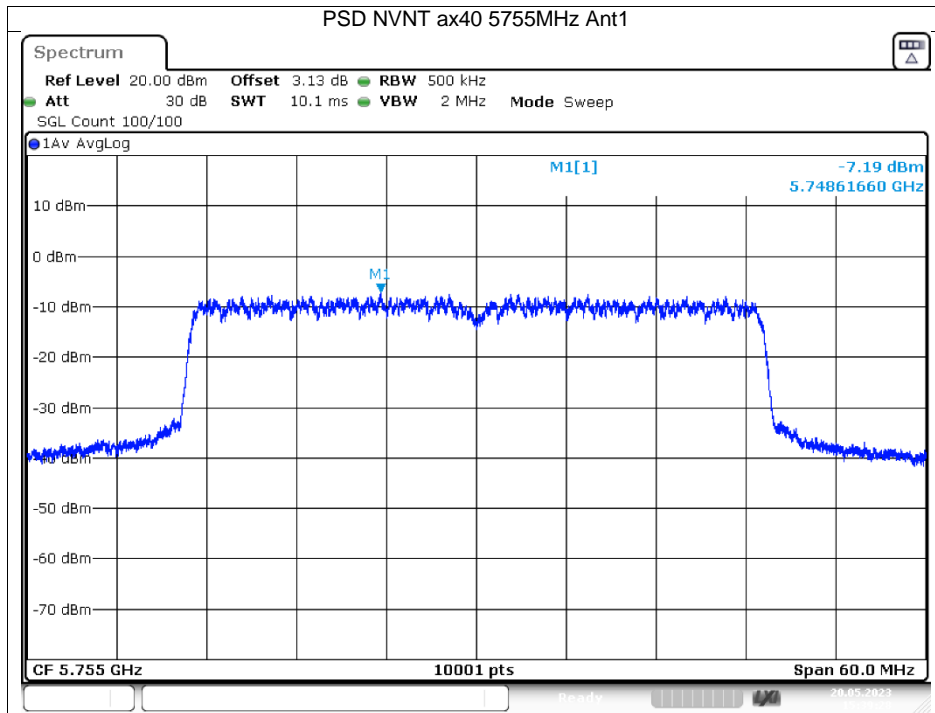
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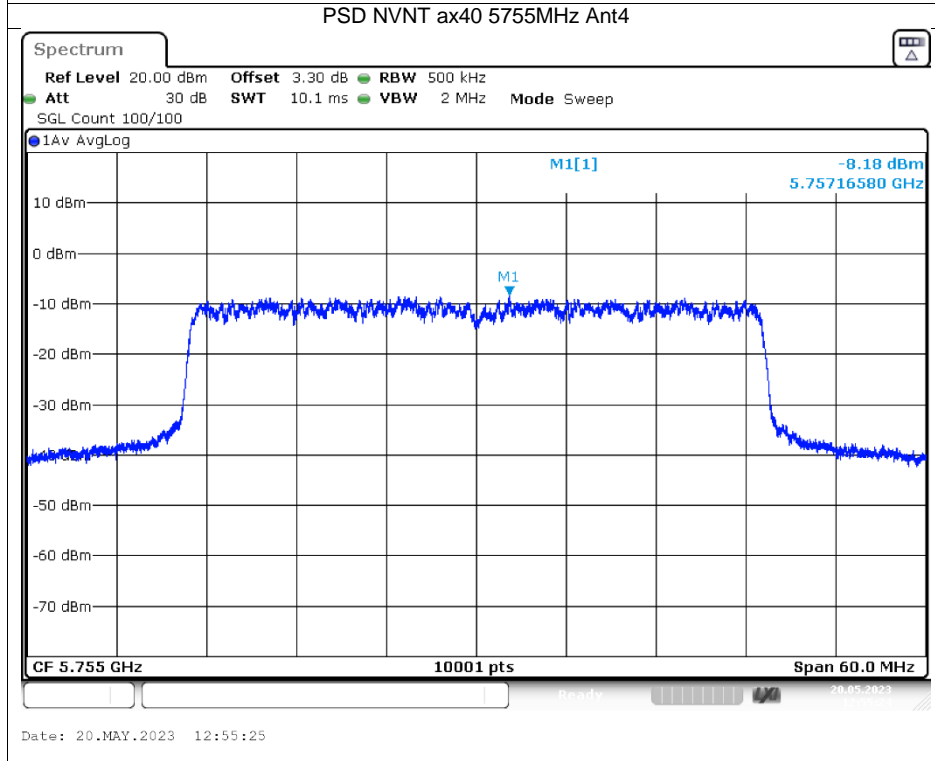
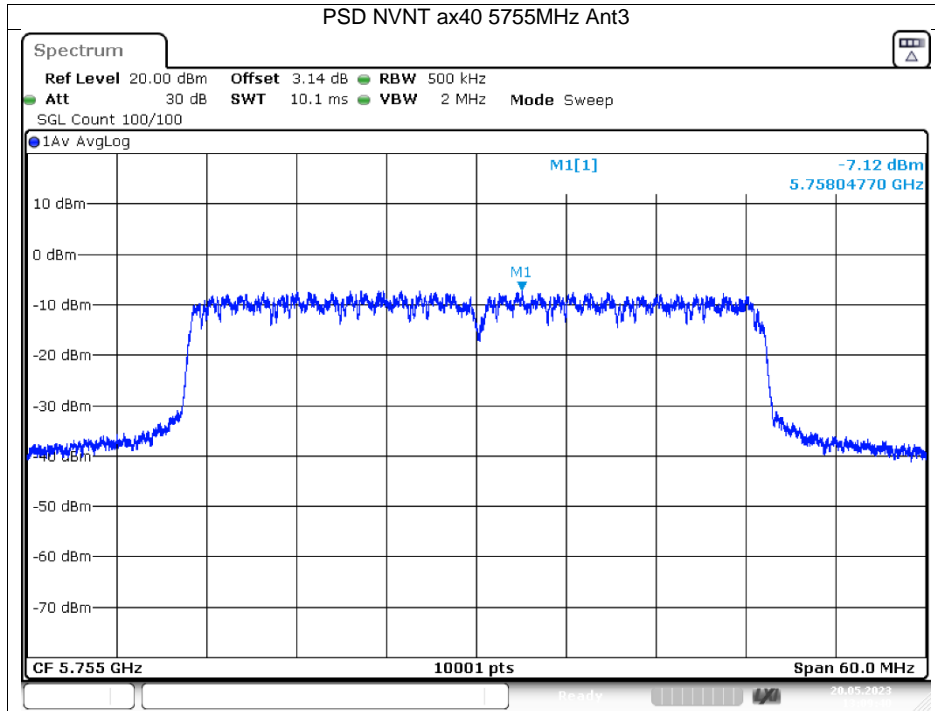


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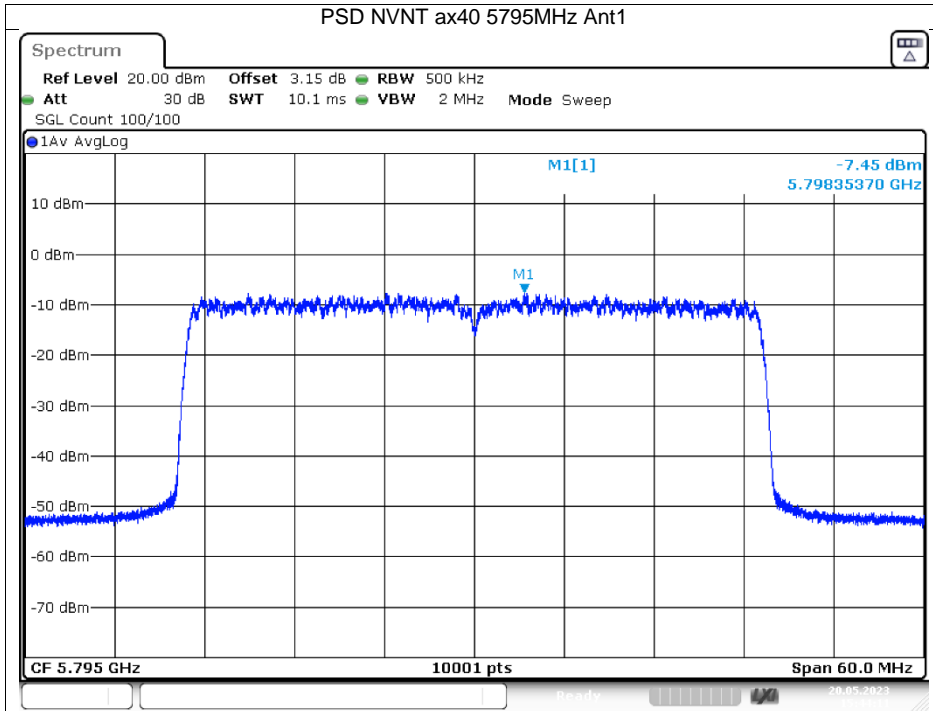


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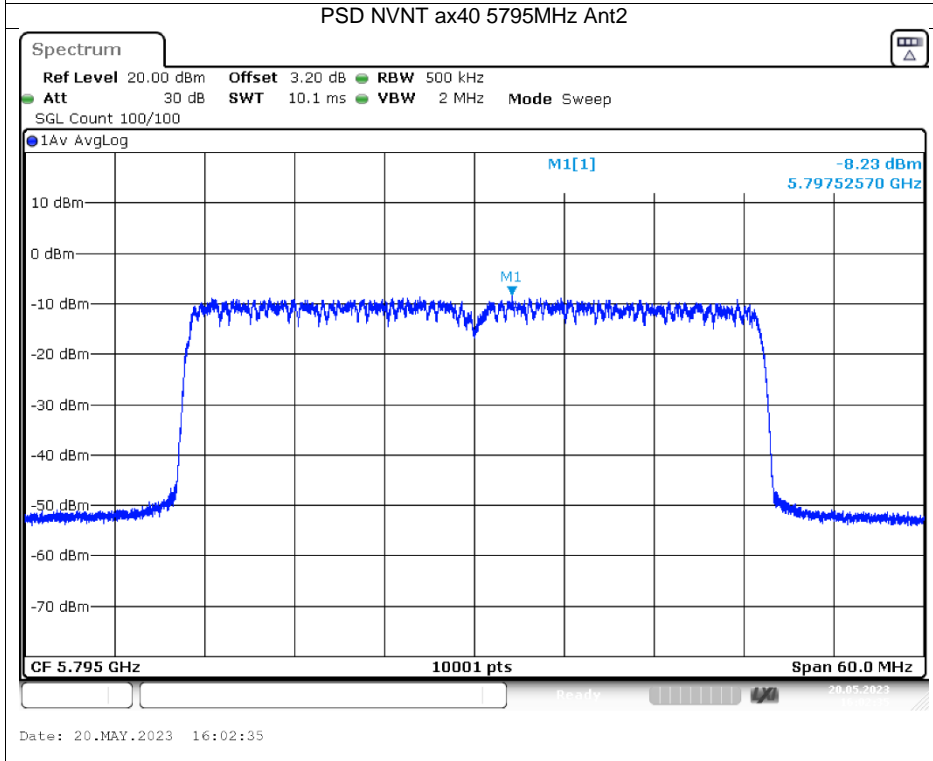




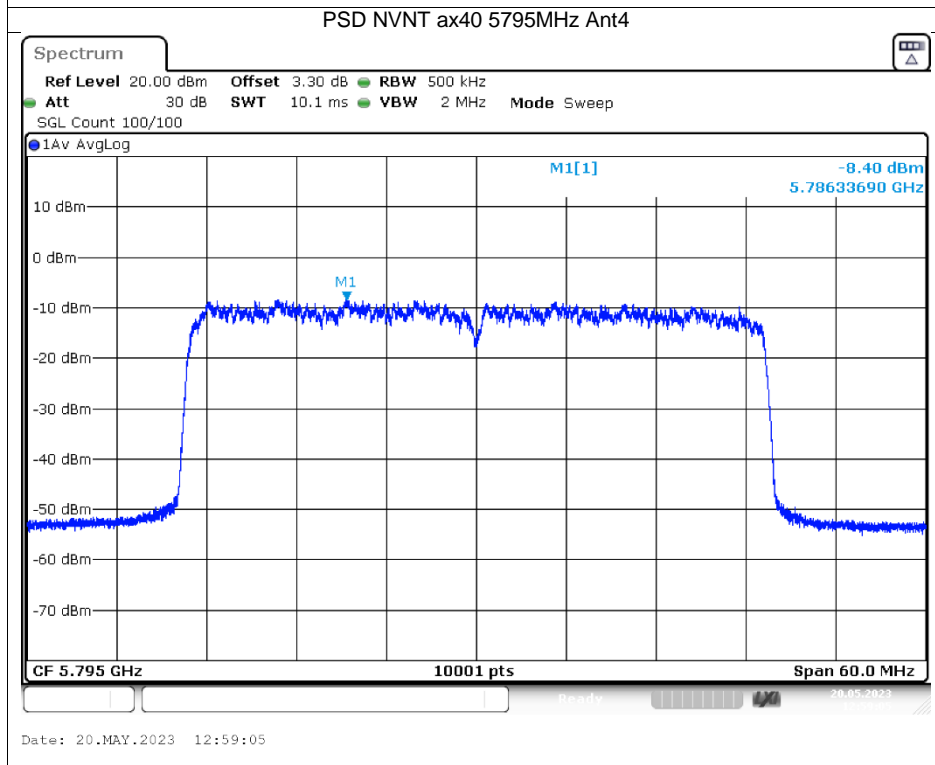
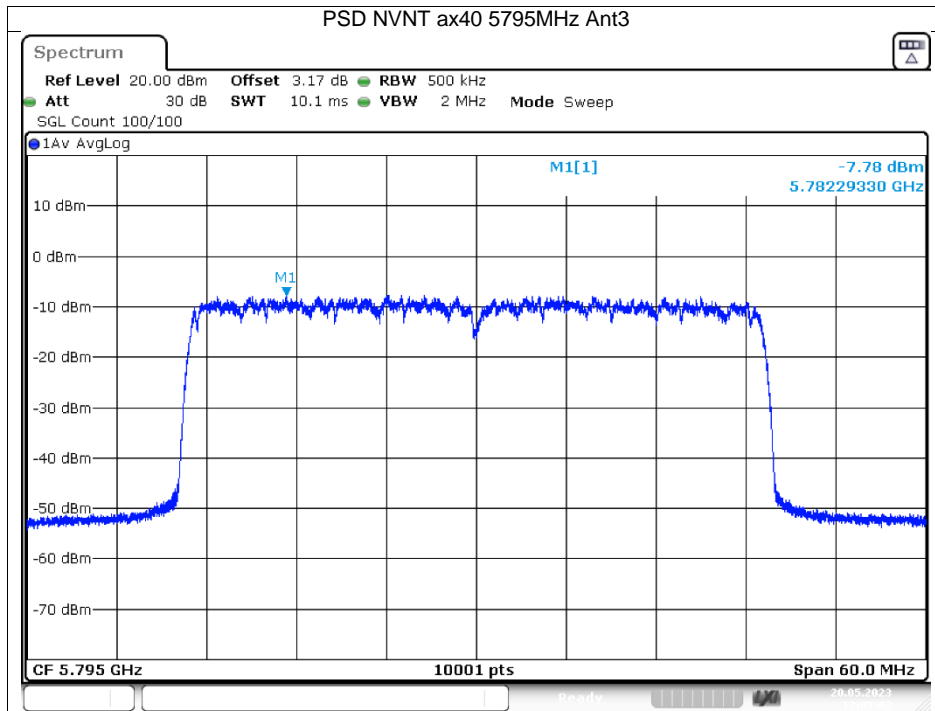


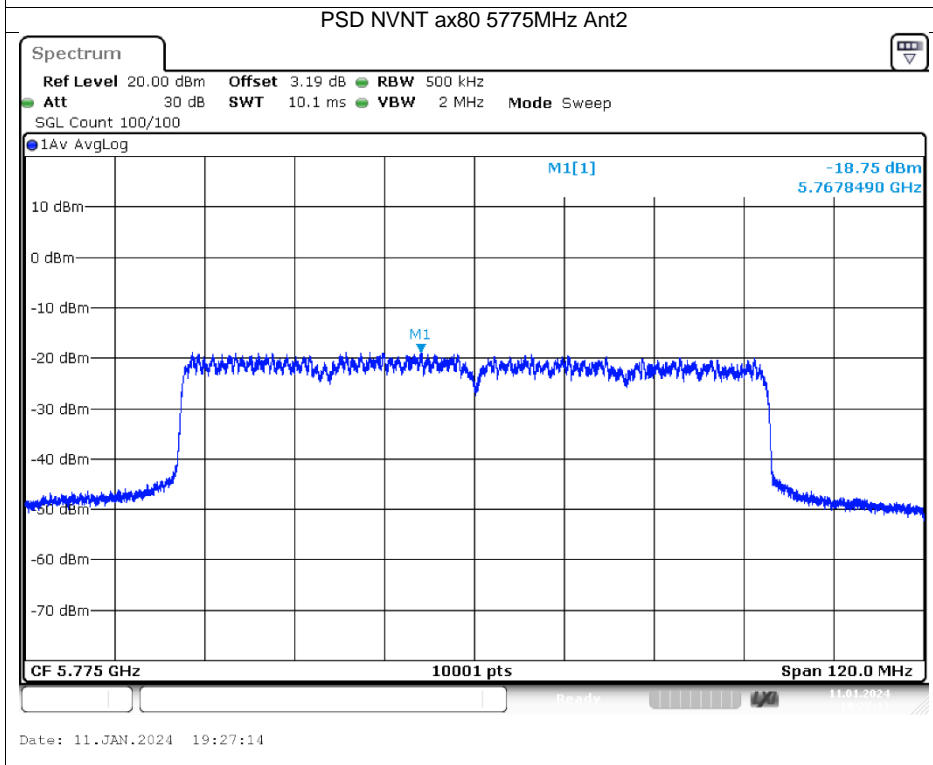
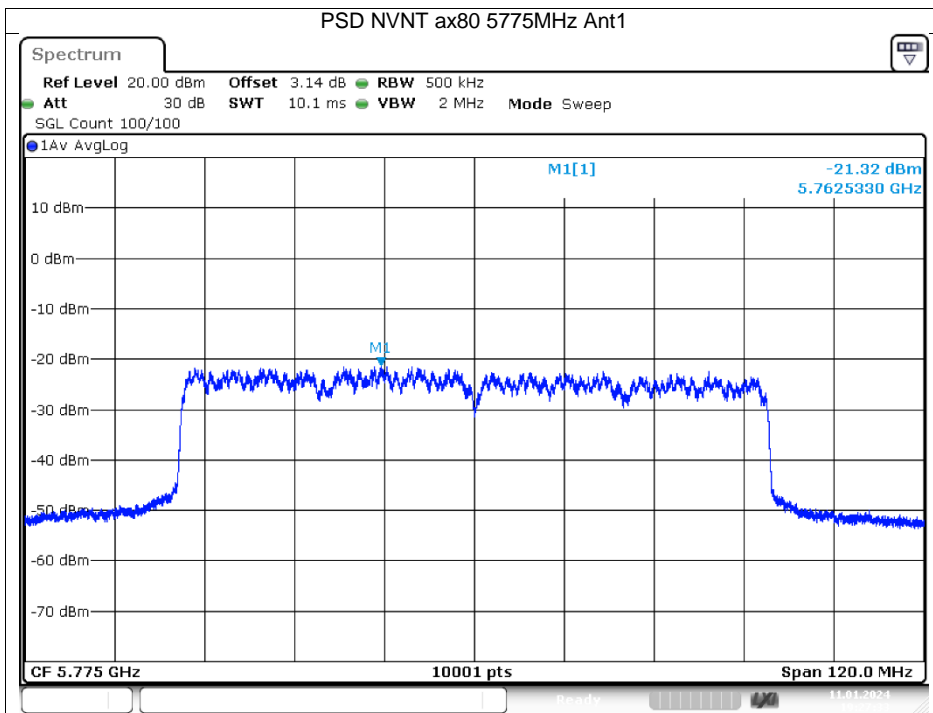


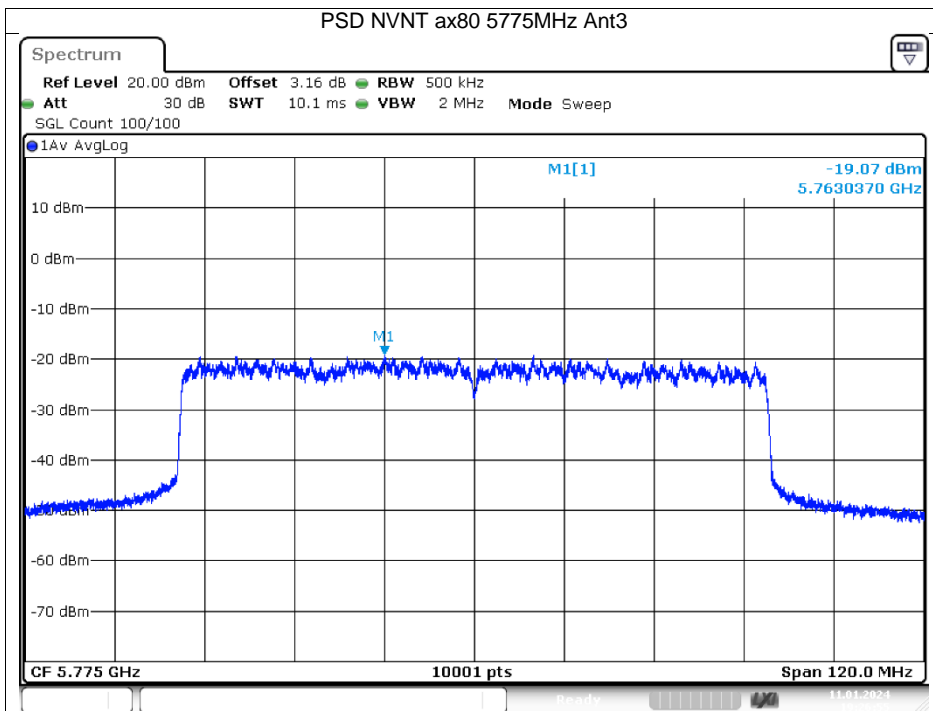
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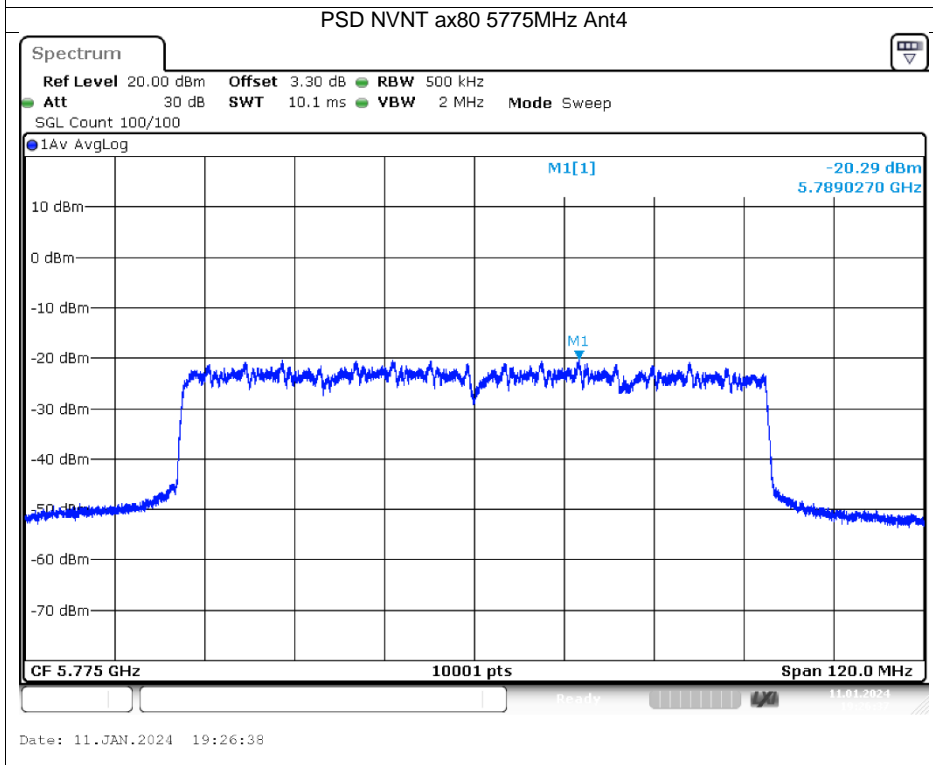
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Date: 11.JAN.2024 19:26:55



Date: 11.JAN.2024 19:26:38

## Frequency Stability

Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 45.9V	a	0	5180	Ant1	5180.0095	9500	1.83	25	Pass
20C 54V	a	0	5180	Ant1	5180.0145	14500	2.8	25	Pass
20C 62.1V	a	0	5180	Ant1	5180.0115	11500	2.22	25	Pass
-10C 54V	a	0	5180	Ant1	5180.013	13000	2.51	25	Pass
0C 54V	a	0	5180	Ant1	5180.014	14000	2.7	25	Pass
10C 54V	a	0	5180	Ant1	5180.015	15000	2.9	25	Pass
30C 54V	a	0	5180	Ant1	5180.0155	15500	2.99	25	Pass
40C 54V	a	0	5180	Ant1	5180.016	16000	3.09	25	Pass
50C 54V	a	0	5180	Ant1	5180.016	16000	3.09	25	Pass
20C 45.9V	a	0	5200	Ant1	5200.0165	16500	3.17	25	Pass
20C 54V	a	0	5200	Ant1	5200.016	16000	3.08	25	Pass
20C 62.1V	a	0	5200	Ant1	5200.0165	16500	3.17	25	Pass
-10C 54V	a	0	5200	Ant1	5200.0165	16500	3.17	25	Pass
0C 54V	a	0	5200	Ant1	5200.016	16000	3.08	25	Pass
10C 54V	a	0	5200	Ant1	5200.016	16000	3.08	25	Pass
30C 54V	a	0	5200	Ant1	5200.016	16000	3.08	25	Pass
40C 54V	a	0	5200	Ant1	5200.0165	16500	3.17	25	Pass
50C 54V	a	0	5200	Ant1	5200.016	16000	3.08	25	Pass
20C 45.9V	a	0	5240	Ant1	5240.0165	16500	3.15	25	Pass
20C 54V	a	0	5240	Ant1	5240.0165	16500	3.15	25	Pass
20C 62.1V	a	0	5240	Ant1	5240.0165	16500	3.15	25	Pass
-10C 54V	a	0	5240	Ant1	5240.0165	16500	3.15	25	Pass
0C 54V	a	0	5240	Ant1	5240.0165	16500	3.15	25	Pass
10C 54V	a	0	5240	Ant1	5240.0165	16500	3.15	25	Pass
30C 54V	a	0	5240	Ant1	5240.0165	16500	3.15	25	Pass
40C 54V	a	0	5240	Ant1	5240.0165	16500	3.15	25	Pass
50C 54V	a	0	5240	Ant1	5240.0165	16500	3.15	25	Pass
20C 45.9V	a	0	5180	Ant2	5180.017	17000	3.28	25	Pass
20C 54V	a	0	5180	Ant2	5180.0175	17500	3.38	25	Pass
20C 62.1V	a	0	5180	Ant2	5180.0175	17500	3.38	25	Pass
-10C 54V	a	0	5180	Ant2	5180.0175	17500	3.38	25	Pass
0C 54V	a	0	5180	Ant2	5180.0175	17500	3.38	25	Pass
10C 54V	a	0	5180	Ant2	5180.0175	17500	3.38	25	Pass
30C 54V	a	0	5180	Ant2	5180.0175	17500	3.38	25	Pass
40C 54V	a	0	5180	Ant2	5180.0175	17500	3.38	25	Pass
50C 54V	a	0	5180	Ant2	5180.0175	17500	3.38	25	Pass
20C 45.9V	a	0	5200	Ant2	5200.016	16000	3.08	25	Pass
20C 54V	a	0	5200	Ant2	5200.0165	16500	3.17	25	Pass
20C 62.1V	a	0	5200	Ant2	5200.0165	16500	3.17	25	Pass
-10C 54V	a	0	5200	Ant2	5200.016	16000	3.08	25	Pass
0C 54V	a	0	5200	Ant2	5200.0165	16500	3.17	25	Pass
10C 54V	a	0	5200	Ant2	5200.016	16000	3.08	25	Pass
30C 54V	a	0	5200	Ant2	5200.0165	16500	3.17	25	Pass
40C 54V	a	0	5200	Ant2	5200.0165	16500	3.17	25	Pass
50C 54V	a	0	5200	Ant2	5200.0165	16500	3.17	25	Pass
20C 45.9V	a	0	5240	Ant2	5240.0165	16500	3.15	25	Pass
20C 54V	a	0	5240	Ant2	5240.016	16000	3.05	25	Pass
20C 62.1V	a	0	5240	Ant2	5240.016	16000	3.05	25	Pass
-10C 54V	a	0	5240	Ant2	5240.016	16000	3.05	25	Pass
0C 54V	a	0	5240	Ant2	5240.016	16000	3.05	25	Pass
10C 54V	a	0	5240	Ant2	5240.016	16000	3.05	25	Pass
30C 54V	a	0	5240	Ant2	5240.016	16000	3.05	25	Pass
40C 54V	a	0	5240	Ant2	5240.016	16000	3.05	25	Pass
50C 54V	a	0	5240	Ant2	5240.016	16000	3.05	25	Pass

20C 45.9V	a	0	5180	Ant3	5180.017	17000	3.28	25	Pass
20C 54V	a	0	5180	Ant3	5180.0165	16500	3.19	25	Pass
20C 62.1V	a	0	5180	Ant3	5180.017	17000	3.28	25	Pass
-10C 54V	a	0	5180	Ant3	5180.0165	16500	3.19	25	Pass
0C 54V	a	0	5180	Ant3	5180.0165	16500	3.19	25	Pass
10C 54V	a	0	5180	Ant3	5180.0165	16500	3.19	25	Pass
30C 54V	a	0	5180	Ant3	5180.0165	16500	3.19	25	Pass
40C 54V	a	0	5180	Ant3	5180.0165	16500	3.19	25	Pass
50C 54V	a	0	5180	Ant3	5180.0165	16500	3.19	25	Pass
20C 45.9V	a	0	5200	Ant3	5200.016	16000	3.08	25	Pass
20C 54V	a	0	5200	Ant3	5200.0165	16500	3.17	25	Pass
20C 62.1V	a	0	5200	Ant3	5200.016	16000	3.08	25	Pass
-10C 54V	a	0	5200	Ant3	5200.016	16000	3.08	25	Pass
0C 54V	a	0	5200	Ant3	5200.016	16000	3.08	25	Pass
10C 54V	a	0	5200	Ant3	5200.0165	16500	3.17	25	Pass
30C 54V	a	0	5200	Ant3	5200.016	16000	3.08	25	Pass
40C 54V	a	0	5200	Ant3	5200.016	16000	3.08	25	Pass
50C 54V	a	0	5200	Ant3	5200.0165	16500	3.17	25	Pass
20C 45.9V	a	0	5240	Ant3	5240.0155	15500	2.96	25	Pass
20C 54V	a	0	5240	Ant3	5240.0155	15500	2.96	25	Pass
20C 62.1V	a	0	5240	Ant3	5240.0155	15500	2.96	25	Pass
-10C 54V	a	0	5240	Ant3	5240.0155	15500	2.96	25	Pass
0C 54V	a	0	5240	Ant3	5240.0155	15500	2.96	25	Pass
10C 54V	a	0	5240	Ant3	5240.0155	15500	2.96	25	Pass
30C 54V	a	0	5240	Ant3	5240.0155	15500	2.96	25	Pass
40C 54V	a	0	5240	Ant3	5240.0155	15500	2.96	25	Pass
50C 54V	a	0	5240	Ant3	5240.0155	15500	2.96	25	Pass
20C 45.9V	a	0	5180	Ant4	5180.0165	16500	3.19	25	Pass
20C 54V	a	0	5180	Ant4	5180.016	16000	3.09	25	Pass
20C 62.1V	a	0	5180	Ant4	5180.016	16000	3.09	25	Pass
-10C 54V	a	0	5180	Ant4	5180.016	16000	3.09	25	Pass
0C 54V	a	0	5180	Ant4	5180.016	16000	3.09	25	Pass
10C 54V	a	0	5180	Ant4	5180.016	16000	3.09	25	Pass
30C 54V	a	0	5180	Ant4	5180.016	16000	3.09	25	Pass
40C 54V	a	0	5180	Ant4	5180.016	16000	3.09	25	Pass
50C 54V	a	0	5180	Ant4	5180.016	16000	3.09	25	Pass
20C 45.9V	a	0	5200	Ant4	5200.016	16000	3.08	25	Pass
20C 54V	a	0	5200	Ant4	5200.016	16000	3.08	25	Pass
20C 62.1V	a	0	5200	Ant4	5200.016	16000	3.08	25	Pass
-10C 54V	a	0	5200	Ant4	5200.016	16000	3.08	25	Pass
0C 54V	a	0	5200	Ant4	5200.016	16000	3.08	25	Pass
10C 54V	a	0	5200	Ant4	5200.016	16000	3.08	25	Pass
30C 54V	a	0	5200	Ant4	5200.016	16000	3.08	25	Pass
40C 54V	a	0	5200	Ant4	5200.016	16000	3.08	25	Pass
50C 54V	a	0	5200	Ant4	5200.016	16000	3.08	25	Pass
20C 45.9V	a	0	5240	Ant4	5240.0155	15500	2.96	25	Pass
20C 54V	a	0	5240	Ant4	5240.0155	15500	2.96	25	Pass
20C 62.1V	a	0	5240	Ant4	5240.0155	15500	2.96	25	Pass
-10C 54V	a	0	5240	Ant4	5240.0155	15500	2.96	25	Pass
0C 54V	a	0	5240	Ant4	5240.0155	15500	2.96	25	Pass
10C 54V	a	0	5240	Ant4	5240.0155	15500	2.96	25	Pass
30C 54V	a	0	5240	Ant4	5240.0155	15500	2.96	25	Pass
40C 54V	a	0	5240	Ant4	5240.0155	15500	2.96	25	Pass
50C 54V	a	0	5240	Ant4	5240.0155	15500	2.96	25	Pass
20C 45.9V	n20	0	5180	Ant1	5180	0	0	25	Pass
20C 54V	n20	0	5180	Ant1	5180.04	40000	7.72	25	Pass
20C 62.1V	n20	0	5180	Ant1	5180.04	40000	7.72	25	Pass
-10C 54V	n20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
0C 54V	n20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
10C 54V	n20	0	5180	Ant1	5180.02	20000	3.86	25	Pass

30C 54V	n20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
40C 54V	n20	0	5180	Ant1	5180.04	40000	7.72	25	Pass
50C 54V	n20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 45.9V	n20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 54V	n20	0	5200	Ant1	5200.04	40000	7.69	25	Pass
20C 62.1V	n20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
-10C 54V	n20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
0C 54V	n20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
10C 54V	n20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
30C 54V	n20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
40C 54V	n20	0	5200	Ant1	5200.04	40000	7.69	25	Pass
50C 54V	n20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 45.9V	n20	0	5240	Ant1	5240.04	40000	7.63	25	Pass
20C 54V	n20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
20C 62.1V	n20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
-10C 54V	n20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
0C 54V	n20	0	5240	Ant1	5240	0	0	25	Pass
10C 54V	n20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
30C 54V	n20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
40C 54V	n20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
50C 54V	n20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
20C 45.9V	n20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
20C 54V	n20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
20C 62.1V	n20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
-10C 54V	n20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
0C 54V	n20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
10C 54V	n20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
30C 54V	n20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
40C 54V	n20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
50C 54V	n20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
20C 45.9V	n20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
20C 54V	n20	0	5200	Ant2	5200.06	60000	11.54	25	Pass
20C 62.1V	n20	0	5200	Ant2	5200.04	40000	7.69	25	Pass
-10C 54V	n20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
0C 54V	n20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
10C 54V	n20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
30C 54V	n20	0	5200	Ant2	5200.04	40000	7.69	25	Pass
40C 54V	n20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
50C 54V	n20	0	5200	Ant2	5200.04	40000	7.69	25	Pass
20C 45.9V	n20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
20C 54V	n20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
20C 62.1V	n20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
-10C 54V	n20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
0C 54V	n20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
10C 54V	n20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
30C 54V	n20	0	5240	Ant2	5240.04	40000	7.63	25	Pass
40C 54V	n20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
50C 54V	n20	0	5240	Ant2	5240.04	40000	7.63	25	Pass
20C 45.9V	n20	0	5180	Ant3	5180.04	40000	7.72	25	Pass
20C 54V	n20	0	5180	Ant3	5180.02	20000	3.86	25	Pass
20C 62.1V	n20	0	5180	Ant3	5180.02	20000	3.86	25	Pass
-10C 54V	n20	0	5180	Ant3	5180.02	20000	3.86	25	Pass
0C 54V	n20	0	5180	Ant3	5180.04	40000	7.72	25	Pass
10C 54V	n20	0	5180	Ant3	5180.04	40000	7.72	25	Pass
30C 54V	n20	0	5180	Ant3	5180.04	40000	7.72	25	Pass
40C 54V	n20	0	5180	Ant3	5180.02	20000	3.86	25	Pass
50C 54V	n20	0	5180	Ant3	5180.02	20000	3.86	25	Pass
20C 45.9V	n20	0	5200	Ant3	5200.02	20000	3.85	25	Pass
20C 54V	n20	0	5200	Ant3	5200.04	40000	7.69	25	Pass
20C 62.1V	n20	0	5200	Ant3	5200.04	40000	7.69	25	Pass

-10C 54V	n20	0	5200	Ant3	5200.02	20000	3.85	25	Pass
0C 54V	n20	0	5200	Ant3	5200.02	20000	3.85	25	Pass
10C 54V	n20	0	5200	Ant3	5200.02	20000	3.85	25	Pass
30C 54V	n20	0	5200	Ant3	5200.02	20000	3.85	25	Pass
40C 54V	n20	0	5200	Ant3	5200.02	20000	3.85	25	Pass
50C 54V	n20	0	5200	Ant3	5200.02	20000	3.85	25	Pass
20C 45.9V	n20	0	5240	Ant3	5240.02	20000	3.82	25	Pass
20C 54V	n20	0	5240	Ant3	5240.02	20000	3.82	25	Pass
20C 62.1V	n20	0	5240	Ant3	5240.02	20000	3.82	25	Pass
-10C 54V	n20	0	5240	Ant3	5240.02	20000	3.82	25	Pass
0C 54V	n20	0	5240	Ant3	5240.02	20000	3.82	25	Pass
10C 54V	n20	0	5240	Ant3	5240.04	40000	7.63	25	Pass
30C 54V	n20	0	5240	Ant3	5240.02	20000	3.82	25	Pass
40C 54V	n20	0	5240	Ant3	5240.04	40000	7.63	25	Pass
50C 54V	n20	0	5240	Ant3	5240.04	40000	7.63	25	Pass
20C 45.9V	n20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
20C 54V	n20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
20C 62.1V	n20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
-10C 54V	n20	0	5180	Ant4	5180	0	0	25	Pass
0C 54V	n20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
10C 54V	n20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
30C 54V	n20	0	5180	Ant4	5180	0	0	25	Pass
40C 54V	n20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
50C 54V	n20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
20C 45.9V	n20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
20C 54V	n20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
20C 62.1V	n20	0	5200	Ant4	5200.04	40000	7.69	25	Pass
-10C 54V	n20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
0C 54V	n20	0	5200	Ant4	5200.04	40000	7.69	25	Pass
10C 54V	n20	0	5200	Ant4	5200.04	40000	7.69	25	Pass
30C 54V	n20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
40C 54V	n20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
50C 54V	n20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
20C 45.9V	n20	0	5240	Ant4	5240	0	0	25	Pass
20C 54V	n20	0	5240	Ant4	5240	0	0	25	Pass
20C 62.1V	n20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
-10C 54V	n20	0	5240	Ant4	5240.04	40000	7.63	25	Pass
0C 54V	n20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
10C 54V	n20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
30C 54V	n20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
40C 54V	n20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
50C 54V	n20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
20C 45.9V	n40	0	5190	Ant1	5190.015	15000	2.89	25	Pass
20C 54V	n40	0	5190	Ant1	5190.015	15000	2.89	25	Pass
20C 62.1V	n40	0	5190	Ant1	5190.015	15000	2.89	25	Pass
-10C 54V	n40	0	5190	Ant1	5190.015	15000	2.89	25	Pass
0C 54V	n40	0	5190	Ant1	5190.015	15000	2.89	25	Pass
10C 54V	n40	0	5190	Ant1	5190.015	15000	2.89	25	Pass
30C 54V	n40	0	5190	Ant1	5190.015	15000	2.89	25	Pass
40C 54V	n40	0	5190	Ant1	5190.015	15000	2.89	25	Pass
50C 54V	n40	0	5190	Ant1	5190.015	15000	2.89	25	Pass
20C 45.9V	n40	0	5230	Ant1	5230.015	15000	2.87	25	Pass
20C 54V	n40	0	5230	Ant1	5230.015	15000	2.87	25	Pass
20C 62.1V	n40	0	5230	Ant1	5230.015	15000	2.87	25	Pass
-10C 54V	n40	0	5230	Ant1	5230.015	15000	2.87	25	Pass
0C 54V	n40	0	5230	Ant1	5230.015	15000	2.87	25	Pass
10C 54V	n40	0	5230	Ant1	5230.015	15000	2.87	25	Pass
30C 54V	n40	0	5230	Ant1	5230.015	15000	2.87	25	Pass
40C 54V	n40	0	5230	Ant1	5230.015	15000	2.87	25	Pass
50C 54V	n40	0	5230	Ant1	5230.015	15000	2.87	25	Pass
20C 45.9V	n40	0	5190	Ant2	5190.0145	14500	2.79	25	Pass



20C 54V	n40	0	5190	Ant2	5190.0145	14500	2.79	25	Pass
20C 62.1V	n40	0	5190	Ant2	5190.0145	14500	2.79	25	Pass
-10C 54V	n40	0	5190	Ant2	5190.0145	14500	2.79	25	Pass
0C 54V	n40	0	5190	Ant2	5190.0145	14500	2.79	25	Pass
10C 54V	n40	0	5190	Ant2	5190.0145	14500	2.79	25	Pass
30C 54V	n40	0	5190	Ant2	5190.0145	14500	2.79	25	Pass
40C 54V	n40	0	5190	Ant2	5190.0145	14500	2.79	25	Pass
50C 54V	n40	0	5190	Ant2	5190.0145	14500	2.79	25	Pass
20C 45.9V	n40	0	5230	Ant2	5230.015	15000	2.87	25	Pass
20C 54V	n40	0	5230	Ant2	5230.015	15000	2.87	25	Pass
20C 62.1V	n40	0	5230	Ant2	5230.015	15000	2.87	25	Pass
-10C 54V	n40	0	5230	Ant2	5230.015	15000	2.87	25	Pass
0C 54V	n40	0	5230	Ant2	5230.015	15000	2.87	25	Pass
10C 54V	n40	0	5230	Ant2	5230.015	15000	2.87	25	Pass
30C 54V	n40	0	5230	Ant2	5230.015	15000	2.87	25	Pass
40C 54V	n40	0	5230	Ant2	5230.015	15000	2.87	25	Pass
50C 54V	n40	0	5230	Ant2	5230.015	15000	2.87	25	Pass
20C 45.9V	n40	0	5190	Ant3	5190.015	15000	2.89	25	Pass
20C 54V	n40	0	5190	Ant3	5190.015	15000	2.89	25	Pass
20C 62.1V	n40	0	5190	Ant3	5190.015	15000	2.89	25	Pass
-10C 54V	n40	0	5190	Ant3	5190.015	15000	2.89	25	Pass
0C 54V	n40	0	5190	Ant3	5190.015	15000	2.89	25	Pass
10C 54V	n40	0	5190	Ant3	5190.015	15000	2.89	25	Pass
30C 54V	n40	0	5190	Ant3	5190.015	15000	2.89	25	Pass
40C 54V	n40	0	5190	Ant3	5190.015	15000	2.89	25	Pass
50C 54V	n40	0	5190	Ant3	5190.015	15000	2.89	25	Pass
20C 45.9V	n40	0	5230	Ant3	5230.015	15000	2.87	25	Pass
20C 54V	n40	0	5230	Ant3	5230.015	15000	2.87	25	Pass
20C 62.1V	n40	0	5230	Ant3	5230.0155	15500	2.96	25	Pass
-10C 54V	n40	0	5230	Ant3	5230.015	15000	2.87	25	Pass
0C 54V	n40	0	5230	Ant3	5230.015	15000	2.87	25	Pass
10C 54V	n40	0	5230	Ant3	5230.015	15000	2.87	25	Pass
30C 54V	n40	0	5230	Ant3	5230.015	15000	2.87	25	Pass
40C 54V	n40	0	5230	Ant3	5230.015	15000	2.87	25	Pass
50C 54V	n40	0	5230	Ant3	5230.015	15000	2.87	25	Pass
20C 45.9V	n40	0	5190	Ant4	5190.015	15000	2.89	25	Pass
20C 54V	n40	0	5190	Ant4	5190.015	15000	2.89	25	Pass
20C 62.1V	n40	0	5190	Ant4	5190.015	15000	2.89	25	Pass
-10C 54V	n40	0	5190	Ant4	5190.015	15000	2.89	25	Pass
0C 54V	n40	0	5190	Ant4	5190.015	15000	2.89	25	Pass
10C 54V	n40	0	5190	Ant4	5190.015	15000	2.89	25	Pass
30C 54V	n40	0	5190	Ant4	5190.015	15000	2.89	25	Pass
40C 54V	n40	0	5190	Ant4	5190.015	15000	2.89	25	Pass
50C 54V	n40	0	5190	Ant4	5190.015	15000	2.89	25	Pass
20C 45.9V	n40	0	5230	Ant4	5230.0155	15500	2.96	25	Pass
20C 54V	n40	0	5230	Ant4	5230.0155	15500	2.96	25	Pass
20C 62.1V	n40	0	5230	Ant4	5230.0155	15500	2.96	25	Pass
-10C 54V	n40	0	5230	Ant4	5230.0155	15500	2.96	25	Pass
0C 54V	n40	0	5230	Ant4	5230.0155	15500	2.96	25	Pass
10C 54V	n40	0	5230	Ant4	5230.0155	15500	2.96	25	Pass
30C 54V	n40	0	5230	Ant4	5230.0155	15500	2.96	25	Pass
40C 54V	n40	0	5230	Ant4	5230.0155	15500	2.96	25	Pass
50C 54V	n40	0	5230	Ant4	5230.0155	15500	2.96	25	Pass
20C 45.9V	ac20	0	5180	Ant1	5180	0	0	25	Pass
20C 54V	ac20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 62.1V	ac20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
-10C 54V	ac20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
0C 54V	ac20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
10C 54V	ac20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
30C 54V	ac20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
40C 54V	ac20	0	5180	Ant1	5180.02	20000	3.86	25	Pass

50C 54V	ac20	0	5180	Ant1	5180.06	60000	11.58	25	Pass
20C 45.9V	ac20	0	5200	Ant1	5200.04	40000	7.69	25	Pass
20C 54V	ac20	0	5200	Ant1	5200.04	40000	7.69	25	Pass
20C 62.1V	ac20	0	5200	Ant1	5200.04	40000	7.69	25	Pass
-10C 54V	ac20	0	5200	Ant1	5200	0	0	25	Pass
0C 54V	ac20	0	5200	Ant1	5200.04	40000	7.69	25	Pass
10C 54V	ac20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
30C 54V	ac20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
40C 54V	ac20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
50C 54V	ac20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 45.9V	ac20	0	5240	Ant1	5240.04	40000	7.63	25	Pass
20C 54V	ac20	0	5240	Ant1	5240.04	40000	7.63	25	Pass
20C 62.1V	ac20	0	5240	Ant1	5240	0	0	25	Pass
-10C 54V	ac20	0	5240	Ant1	5240.04	40000	7.63	25	Pass
0C 54V	ac20	0	5240	Ant1	5240.04	40000	7.63	25	Pass
10C 54V	ac20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
30C 54V	ac20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
40C 54V	ac20	0	5240	Ant1	5240.04	40000	7.63	25	Pass
50C 54V	ac20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
20C 45.9V	ac20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
20C 54V	ac20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
20C 62.1V	ac20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
-10C 54V	ac20	0	5180	Ant2	5180.04	40000	7.72	25	Pass
0C 54V	ac20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
10C 54V	ac20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
30C 54V	ac20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
40C 54V	ac20	0	5180	Ant2	5180.02	20000	3.86	25	Pass
50C 54V	ac20	0	5180	Ant2	5180.04	40000	7.72	25	Pass
20C 45.9V	ac20	0	5200	Ant2	5200.04	40000	7.69	25	Pass
20C 54V	ac20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
20C 62.1V	ac20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
-10C 54V	ac20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
0C 54V	ac20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
10C 54V	ac20	0	5200	Ant2	5200.04	40000	7.69	25	Pass
30C 54V	ac20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
40C 54V	ac20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
50C 54V	ac20	0	5200	Ant2	5200.02	20000	3.85	25	Pass
20C 45.9V	ac20	0	5240	Ant2	5240	0	0	25	Pass
20C 54V	ac20	0	5240	Ant2	5240	0	0	25	Pass
20C 62.1V	ac20	0	5240	Ant2	5240.04	40000	7.63	25	Pass
-10C 54V	ac20	0	5240	Ant2	5240.04	40000	7.63	25	Pass
0C 54V	ac20	0	5240	Ant2	5240.04	40000	7.63	25	Pass
10C 54V	ac20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
30C 54V	ac20	0	5240	Ant2	5240.06	60000	11.45	25	Pass
40C 54V	ac20	0	5240	Ant2	5240.04	40000	7.63	25	Pass
50C 54V	ac20	0	5240	Ant2	5240.02	20000	3.82	25	Pass
20C 45.9V	ac20	0	5180	Ant3	5180	0	0	25	Pass
20C 54V	ac20	0	5180	Ant3	5180.02	20000	3.86	25	Pass
20C 62.1V	ac20	0	5180	Ant3	5180.02	20000	3.86	25	Pass
-10C 54V	ac20	0	5180	Ant3	5180.04	40000	7.72	25	Pass
0C 54V	ac20	0	5180	Ant3	5180.02	20000	3.86	25	Pass
10C 54V	ac20	0	5180	Ant3	5180.02	20000	3.86	25	Pass
30C 54V	ac20	0	5180	Ant3	5180.02	20000	3.86	25	Pass
40C 54V	ac20	0	5180	Ant3	5180.02	20000	3.86	25	Pass
50C 54V	ac20	0	5180	Ant3	5180.02	20000	3.86	25	Pass
20C 45.9V	ac20	0	5200	Ant3	5200.02	20000	3.85	25	Pass
20C 54V	ac20	0	5200	Ant3	5200.04	40000	7.69	25	Pass
20C 62.1V	ac20	0	5200	Ant3	5200.02	20000	3.85	25	Pass
-10C 54V	ac20	0	5200	Ant3	5200.02	20000	3.85	25	Pass
0C 54V	ac20	0	5200	Ant3	5200.04	40000	7.69	25	Pass

10C 54V	ac20	0	5200	Ant3	5200.02	20000	3.85	25	Pass
30C 54V	ac20	0	5200	Ant3	5200.02	20000	3.85	25	Pass
40C 54V	ac20	0	5200	Ant3	5200.02	20000	3.85	25	Pass
50C 54V	ac20	0	5200	Ant3	5200.02	20000	3.85	25	Pass
20C 45.9V	ac20	0	5240	Ant3	5240.04	40000	7.63	25	Pass
20C 54V	ac20	0	5240	Ant3	5240	0	0	25	Pass
20C 62.1V	ac20	0	5240	Ant3	5240.02	20000	3.82	25	Pass
-10C 54V	ac20	0	5240	Ant3	5240.04	40000	7.63	25	Pass
0C 54V	ac20	0	5240	Ant3	5240.02	20000	3.82	25	Pass
10C 54V	ac20	0	5240	Ant3	5240.02	20000	3.82	25	Pass
30C 54V	ac20	0	5240	Ant3	5240.04	40000	7.63	25	Pass
40C 54V	ac20	0	5240	Ant3	5240.02	20000	3.82	25	Pass
50C 54V	ac20	0	5240	Ant3	5240.02	20000	3.82	25	Pass
20C 45.9V	ac20	0	5180	Ant4	5180.04	40000	7.72	25	Pass
20C 54V	ac20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
20C 62.1V	ac20	0	5180	Ant4	5180.04	40000	7.72	25	Pass
-10C 54V	ac20	0	5180	Ant4	5180	0	0	25	Pass
0C 54V	ac20	0	5180	Ant4	5180.04	40000	7.72	25	Pass
10C 54V	ac20	0	5180	Ant4	5180	0	0	25	Pass
30C 54V	ac20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
40C 54V	ac20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
50C 54V	ac20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
20C 45.9V	ac20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
20C 54V	ac20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
20C 62.1V	ac20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
-10C 54V	ac20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
0C 54V	ac20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
10C 54V	ac20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
30C 54V	ac20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
40C 54V	ac20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
50C 54V	ac20	0	5200	Ant4	5200	0	0	25	Pass
20C 45.9V	ac20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
20C 54V	ac20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
20C 62.1V	ac20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
-10C 54V	ac20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
0C 54V	ac20	0	5240	Ant4	5240.04	40000	7.63	25	Pass
10C 54V	ac20	0	5240	Ant4	5240.04	40000	7.63	25	Pass
30C 54V	ac20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
40C 54V	ac20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
50C 54V	ac20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
20C 45.9V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
20C 54V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
20C 62.1V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
-10C 54V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
0C 54V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
10C 54V	ac40	0	5190	Ant1	5190	0	0	25	Pass
30C 54V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
40C 54V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
50C 54V	ac40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
20C 45.9V	ac40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
20C 54V	ac40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
20C 62.1V	ac40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
-10C 54V	ac40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
0C 54V	ac40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
10C 54V	ac40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
30C 54V	ac40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
40C 54V	ac40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
50C 54V	ac40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
20C 45.9V	ac40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
20C 54V	ac40	0	5190	Ant2	5190.04	40000	7.71	25	Pass

20C 62.1V	ac40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
-10C 54V	ac40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
0C 54V	ac40	0	5190	Ant2	5190	0	0	25	Pass
10C 54V	ac40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
30C 54V	ac40	0	5190	Ant2	5190	0	0	25	Pass
40C 54V	ac40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
50C 54V	ac40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
20C 45.9V	ac40	0	5230	Ant2	5230	0	0	25	Pass
20C 54V	ac40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
20C 62.1V	ac40	0	5230	Ant2	5230	0	0	25	Pass
-10C 54V	ac40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
0C 54V	ac40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
10C 54V	ac40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
30C 54V	ac40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
40C 54V	ac40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
50C 54V	ac40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
20C 45.9V	ac40	0	5190	Ant3	5190.04	40000	7.71	25	Pass
20C 54V	ac40	0	5190	Ant3	5190.04	40000	7.71	25	Pass
20C 62.1V	ac40	0	5190	Ant3	5190.04	40000	7.71	25	Pass
-10C 54V	ac40	0	5190	Ant3	5190.04	40000	7.71	25	Pass
0C 54V	ac40	0	5190	Ant3	5190	0	0	25	Pass
10C 54V	ac40	0	5190	Ant3	5190.04	40000	7.71	25	Pass
30C 54V	ac40	0	5190	Ant3	5190.04	40000	7.71	25	Pass
40C 54V	ac40	0	5190	Ant3	5190.04	40000	7.71	25	Pass
50C 54V	ac40	0	5190	Ant3	5190.04	40000	7.71	25	Pass
20C 45.9V	ac40	0	5230	Ant3	5230.04	40000	7.65	25	Pass
20C 54V	ac40	0	5230	Ant3	5230.04	40000	7.65	25	Pass
20C 62.1V	ac40	0	5230	Ant3	5230.04	40000	7.65	25	Pass
-10C 54V	ac40	0	5230	Ant3	5230.04	40000	7.65	25	Pass
0C 54V	ac40	0	5230	Ant3	5230.04	40000	7.65	25	Pass
10C 54V	ac40	0	5230	Ant3	5230.04	40000	7.65	25	Pass
30C 54V	ac40	0	5230	Ant3	5230.04	40000	7.65	25	Pass
40C 54V	ac40	0	5230	Ant3	5230.04	40000	7.65	25	Pass
50C 54V	ac40	0	5230	Ant3	5230	0	0	25	Pass
NVNT	ac40	0	5190	Ant4	5190.04	40000	7.71	25	Pass
50C 54V	ac40	0	5230	Ant4	5230.04	40000	7.65	25	Pass
40C 54V	ac40	0	5230	Ant4	5230.04	40000	7.65	25	Pass
30C 54V	ac40	0	5230	Ant4	5230.04	40000	7.65	25	Pass
10C 54V	ac40	0	5230	Ant4	5230.04	40000	7.65	25	Pass
0C 54V	ac40	0	5230	Ant4	5230.04	40000	7.65	25	Pass
-10C 54V	ac40	0	5230	Ant4	5230.04	40000	7.65	25	Pass
20C 62.1V	ac40	0	5230	Ant4	5230.04	40000	7.65	25	Pass
20C 54V	ac40	0	5230	Ant4	5230.04	40000	7.65	25	Pass
20C 45.9V	ac40	0	5230	Ant4	5230.04	40000	7.65	25	Pass
20C 45.9V	ac80	0	5210	Ant1	5210.0145	14500	2.78	25	Pass
20C 54V	ac80	0	5210	Ant1	5210.0145	14500	2.78	25	Pass
20C 62.1V	ac80	0	5210	Ant1	5210.0145	14500	2.78	25	Pass
-10C 54V	ac80	0	5210	Ant1	5210.0145	14500	2.78	25	Pass
0C 54V	ac80	0	5210	Ant1	5210.0145	14500	2.78	25	Pass
10C 54V	ac80	0	5210	Ant1	5210.0145	14500	2.78	25	Pass
30C 54V	ac80	0	5210	Ant1	5210.015	15000	2.88	25	Pass
40C 54V	ac80	0	5210	Ant1	5210.015	15000	2.88	25	Pass
50C 54V	ac80	0	5210	Ant1	5210.015	15000	2.88	25	Pass
20C 45.9V	ac80	0	5210	Ant2	5210.0155	15500	2.98	25	Pass
20C 54V	ac80	0	5210	Ant2	5210.0155	15500	2.98	25	Pass
20C 62.1V	ac80	0	5210	Ant2	5210.0155	15500	2.98	25	Pass
-10C 54V	ac80	0	5210	Ant2	5210.0155	15500	2.98	25	Pass
0C 54V	ac80	0	5210	Ant2	5210.0155	15500	2.98	25	Pass
10C 54V	ac80	0	5210	Ant2	5210.0155	15500	2.98	25	Pass
30C 54V	ac80	0	5210	Ant2	5210.0155	15500	2.98	25	Pass
40C 54V	ac80	0	5210	Ant2	5210.0155	15500	2.98	25	Pass

50C 54V	ac80	0	5210	Ant2	5210.0155	15500	2.98	25	Pass
20C 45.9V	ac80	0	5210	Ant3	5210.0155	15500	2.98	25	Pass
20C 54V	ac80	0	5210	Ant3	5210.0155	15500	2.98	25	Pass
20C 62.1V	ac80	0	5210	Ant3	5210.0155	15500	2.98	25	Pass
-10C 54V	ac80	0	5210	Ant3	5210.0155	15500	2.98	25	Pass
0C 54V	ac80	0	5210	Ant3	5210.0155	15500	2.98	25	Pass
10C 54V	ac80	0	5210	Ant3	5210.0155	15500	2.98	25	Pass
30C 54V	ac80	0	5210	Ant3	5210.0155	15500	2.98	25	Pass
40C 54V	ac80	0	5210	Ant3	5210.0155	15500	2.98	25	Pass
50C 54V	ac80	0	5210	Ant3	5210.0155	15500	2.98	25	Pass
20C 45.9V	ac80	0	5210	Ant4	5210.0145	14500	2.78	25	Pass
20C 54V	ac80	0	5210	Ant4	5210.0145	14500	2.78	25	Pass
20C 62.1V	ac80	0	5210	Ant4	5210.0145	14500	2.78	25	Pass
-10C 54V	ac80	0	5210	Ant4	5210.0145	14500	2.78	25	Pass
0C 54V	ac80	0	5210	Ant4	5210.0145	14500	2.78	25	Pass
10C 54V	ac80	0	5210	Ant4	5210.0145	14500	2.78	25	Pass
30C 54V	ac80	0	5210	Ant4	5210.0145	14500	2.78	25	Pass
40C 54V	ac80	0	5210	Ant4	5210.0145	14500	2.78	25	Pass
50C 54V	ac80	0	5210	Ant4	5210.0145	14500	2.78	25	Pass
20C 45.9V	ac160	0	5250	Ant1	5250.013	13000	2.48	25	Pass
20C 54V	ac160	0	5250	Ant1	5250.013	13000	2.48	25	Pass
20C 62.1V	ac160	0	5250	Ant1	5250.013	13000	2.48	25	Pass
-10C 54V	ac160	0	5250	Ant1	5250.0125	12500	2.38	25	Pass
0C 54V	ac160	0	5250	Ant1	5250.013	13000	2.48	25	Pass
10C 54V	ac160	0	5250	Ant1	5250.013	13000	2.48	25	Pass
30C 54V	ac160	0	5250	Ant1	5250.0125	12500	2.38	25	Pass
40C 54V	ac160	0	5250	Ant1	5250.013	13000	2.48	25	Pass
50C 54V	ac160	0	5250	Ant1	5250.0125	12500	2.38	25	Pass
20C 45.9V	ac160	0	5250	Ant2	5250.0125	12500	2.38	25	Pass
20C 54V	ac160	0	5250	Ant2	5250.0125	12500	2.38	25	Pass
20C 62.1V	ac160	0	5250	Ant2	5250.0125	12500	2.38	25	Pass
-10C 54V	ac160	0	5250	Ant2	5250.0125	12500	2.38	25	Pass
0C 54V	ac160	0	5250	Ant2	5250.0125	12500	2.38	25	Pass
10C 54V	ac160	0	5250	Ant2	5250.0125	12500	2.38	25	Pass
30C 54V	ac160	0	5250	Ant2	5250.0125	12500	2.38	25	Pass
40C 54V	ac160	0	5250	Ant2	5250.0125	12500	2.38	25	Pass
50C 54V	ac160	0	5250	Ant2	5250.0125	12500	2.38	25	Pass
20C 45.9V	ac160	5	5250	Ant2	5249.84	-160000	-30.48	25	Pass
20C 54V	ac160	5	5250	Ant2	5250	0	0	25	Pass
20C 62.1V	ac160	5	5250	Ant2	5250	0	0	25	Pass
-10C 54V	ac160	5	5250	Ant2	5250.16	160000	30.48	25	Pass
0C 54V	ac160	5	5250	Ant2	5250.16	160000	30.48	25	Pass
10C 54V	ac160	5	5250	Ant2	5250.16	160000	30.48	25	Pass
30C 54V	ac160	5	5250	Ant2	5250	0	0	25	Pass
40C 54V	ac160	5	5250	Ant2	5250.16	160000	30.48	25	Pass
50C 54V	ac160	5	5250	Ant2	5250	0	0	25	Pass
20C 45.9V	ac160	0	5250	Ant3	5250.0125	12500	2.38	25	Pass
20C 54V	ac160	0	5250	Ant3	5250.0125	12500	2.38	25	Pass
20C 62.1V	ac160	0	5250	Ant3	5250.0125	12500	2.38	25	Pass
-10C 54V	ac160	0	5250	Ant3	5250.0125	12500	2.38	25	Pass
0C 54V	ac160	0	5250	Ant3	5250.0125	12500	2.38	25	Pass
10C 54V	ac160	0	5250	Ant3	5250.0125	12500	2.38	25	Pass
30C 54V	ac160	0	5250	Ant3	5250.0125	12500	2.38	25	Pass
40C 54V	ac160	0	5250	Ant3	5250.0125	12500	2.38	25	Pass
50C 54V	ac160	0	5250	Ant3	5250.0125	12500	2.38	25	Pass
20C 45.9V	ac160	0	5250	Ant4	5250.0125	12500	2.38	25	Pass
20C 54V	ac160	0	5250	Ant4	5250.0125	12500	2.38	25	Pass
20C 62.1V	ac160	0	5250	Ant4	5250.0125	12500	2.38	25	Pass
-10C 54V	ac160	0	5250	Ant4	5250.0125	12500	2.38	25	Pass
0C 54V	ac160	0	5250	Ant4	5250.0125	12500	2.38	25	Pass

10C 54V	ac160	0	5250	Ant4	5250.0125	12500	2.38	25	Pass
30C 54V	ac160	0	5250	Ant4	5250.0125	12500	2.38	25	Pass
40C 54V	ac160	0	5250	Ant4	5250.0125	12500	2.38	25	Pass
50C 54V	ac160	0	5250	Ant4	5250.0125	12500	2.38	25	Pass
20C 45.9V	ax160	0	5250	Ant1	5250	0	0	25	Pass
20C 54V	ax160	0	5250	Ant1	5250	0	0	25	Pass
20C 62.1V	ax160	0	5250	Ant1	5250	0	0	25	Pass
-10C 54V	ax160	0	5250	Ant1	5250	0	0	25	Pass
0C 54V	ax160	0	5250	Ant1	5250	0	0	25	Pass
10C 54V	ax160	0	5250	Ant1	5250	0	0	25	Pass
30C 54V	ax160	0	5250	Ant1	5250	0	0	25	Pass
40C 54V	ax160	0	5250	Ant1	5250	0	0	25	Pass
50C 54V	ax160	0	5250	Ant1	5250	0	0	25	Pass
20C 45.9V	ax160	0	5250	Ant2	5250	0	0	25	Pass
20C 54V	ax160	0	5250	Ant2	5250	0	0	25	Pass
20C 62.1V	ax160	0	5250	Ant2	5250	0	0	25	Pass
-10C 54V	ax160	0	5250	Ant2	5250	0	0	25	Pass
0C 54V	ax160	0	5250	Ant2	5250	0	0	25	Pass
10C 54V	ax160	0	5250	Ant2	5250	0	0	25	Pass
30C 54V	ax160	0	5250	Ant2	5250	0	0	25	Pass
40C 54V	ax160	0	5250	Ant2	5250	0	0	25	Pass
50C 54V	ax160	0	5250	Ant2	5250	0	0	25	Pass
20C 45.9V	ax160	0	5250	Ant3	5250	0	0	25	Pass
20C 54V	ax160	0	5250	Ant3	5250	0	0	25	Pass
20C 62.1V	ax160	0	5250	Ant3	5250	0	0	25	Pass
-10C 54V	ax160	0	5250	Ant3	5250.16	160000	30.48	25	Pass
0C 54V	ax160	0	5250	Ant3	5250	0	0	25	Pass
10C 54V	ax160	0	5250	Ant3	5250	0	0	25	Pass
30C 54V	ax160	0	5250	Ant3	5250	0	0	25	Pass
40C 54V	ax160	0	5250	Ant3	5250	0	0	25	Pass
50C 54V	ax160	0	5250	Ant3	5250	0	0	25	Pass
20C 45.9V	ax160	0	5250	Ant4	5249.84	-160000	-30.48	25	Pass
20C 54V	ax160	0	5250	Ant4	5250	0	0	25	Pass
20C 62.1V	ax160	0	5250	Ant4	5250	0	0	25	Pass
-10C 54V	ax160	0	5250	Ant4	5250	0	0	25	Pass
0C 54V	ax160	0	5250	Ant4	5250	0	0	25	Pass
10C 54V	ax160	0	5250	Ant4	5250	0	0	25	Pass
30C 54V	ax160	0	5250	Ant4	5250	0	0	25	Pass
40C 54V	ax160	0	5250	Ant4	5250	0	0	25	Pass
50C 54V	ax160	0	5250	Ant4	5250	0	0	25	Pass
20C 45.9V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 54V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 62.1V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
-10C 54V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
0C 54V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
10C 54V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
30C 54V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
40C 54V	ax20	0	5180	Ant1	5180.04	40000	7.72	25	Pass
50C 54V	ax20	0	5180	Ant1	5180.02	20000	3.86	25	Pass
20C 45.9V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 54V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 62.1V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
-10C 54V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
0C 54V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
10C 54V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
30C 54V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
40C 54V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
50C 54V	ax20	0	5200	Ant1	5200.02	20000	3.85	25	Pass
20C 45.9V	ax20	0	5240	Ant1	5240.02	20000	3.82	25	Pass
20C 54V	ax20	0	5240	Ant1	5240.02	20000	3.82	25	Pass



20C 45.9V	ax20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
20C 54V	ax20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
20C 62.1V	ax20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
-10C 54V	ax20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
0C 54V	ax20	0	5180	Ant4	5180.04	40000	7.72	25	Pass
10C 54V	ax20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
30C 54V	ax20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
40C 54V	ax20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
50C 54V	ax20	0	5180	Ant4	5180.02	20000	3.86	25	Pass
20C 45.9V	ax20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
20C 54V	ax20	0	5200	Ant4	5200.04	40000	7.69	25	Pass
20C 62.1V	ax20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
-10C 54V	ax20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
0C 54V	ax20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
10C 54V	ax20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
30C 54V	ax20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
40C 54V	ax20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
50C 54V	ax20	0	5200	Ant4	5200.02	20000	3.85	25	Pass
20C 45.9V	ax20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
20C 54V	ax20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
20C 62.1V	ax20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
-10C 54V	ax20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
0C 54V	ax20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
10C 54V	ax20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
30C 54V	ax20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
40C 54V	ax20	0	5240	Ant4	5240.02	20000	3.82	25	Pass
50C 54V	ax20	0	5240	Ant4	5240.04	40000	7.63	25	Pass
20C 45.9V	ax40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
20C 54V	ax40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
20C 62.1V	ax40	0	5190	Ant1	5190	0	0	25	Pass
-10C 54V	ax40	0	5190	Ant1	5190	0	0	25	Pass
0C 54V	ax40	0	5190	Ant1	5190	0	0	25	Pass
10C 54V	ax40	0	5190	Ant1	5190	0	0	25	Pass
30C 54V	ax40	0	5190	Ant1	5190	0	0	25	Pass
40C 54V	ax40	0	5190	Ant1	5190	0	0	25	Pass
50C 54V	ax40	0	5190	Ant1	5190.04	40000	7.71	25	Pass
20C 45.9V	ax40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
20C 54V	ax40	0	5230	Ant1	5230	0	0	25	Pass
20C 62.1V	ax40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
-10C 54V	ax40	0	5230	Ant1	5230	0	0	25	Pass
0C 54V	ax40	0	5230	Ant1	5230.04	40000	7.65	25	Pass
10C 54V	ax40	0	5230	Ant1	5230	0	0	25	Pass
30C 54V	ax40	0	5230	Ant1	5230	0	0	25	Pass
40C 54V	ax40	0	5230	Ant1	5230	0	0	25	Pass
50C 54V	ax40	0	5230	Ant1	5230	0	0	25	Pass
20C 45.9V	ax40	0	5190	Ant2	5190	0	0	25	Pass
20C 54V	ax40	0	5190	Ant2	5190	0	0	25	Pass
20C 62.1V	ax40	0	5190	Ant2	5190	0	0	25	Pass
-10C 54V	ax40	0	5190	Ant2	5190	0	0	25	Pass
0C 54V	ax40	0	5190	Ant2	5190	0	0	25	Pass
10C 54V	ax40	0	5190	Ant2	5190	0	0	25	Pass
30C 54V	ax40	0	5190	Ant2	5190	0	0	25	Pass
40C 54V	ax40	0	5190	Ant2	5190.04	40000	7.71	25	Pass
50C 54V	ax40	0	5190	Ant2	5190	0	0	25	Pass
20C 45.9V	ax40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
20C 54V	ax40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
20C 62.1V	ax40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
-10C 54V	ax40	0	5230	Ant2	5230	0	0	25	Pass
0C 54V	ax40	0	5230	Ant2	5230	0	0	25	Pass
10C 54V	ax40	0	5230	Ant2	5230.04	40000	7.65	25	Pass



30C 54V	ax40	0	5230	Ant2	5230	0	0	25	Pass
40C 54V	ax40	0	5230	Ant2	5230	0	0	25	Pass
50C 54V	ax40	0	5230	Ant2	5230.04	40000	7.65	25	Pass
20C 45.9V	ax40	0	5190	Ant3	5190.04	40000	7.71	25	Pass
20C 54V	ax40	0	5190	Ant3	5190.04	40000	7.71	25	Pass
20C 62.1V	ax40	0	5190	Ant3	5190.04	40000	7.71	25	Pass
-10C 54V	ax40	0	5190	Ant3	5190.04	40000	7.71	25	Pass
0C 54V	ax40	0	5190	Ant3	5190	0	0	25	Pass
10C 54V	ax40	0	5190	Ant3	5190.04	40000	7.71	25	Pass
30C 54V	ax40	0	5190	Ant3	5190.04	40000	7.71	25	Pass
40C 54V	ax40	0	5190	Ant3	5190.04	40000	7.71	25	Pass
50C 54V	ax40	0	5190	Ant3	5190.04	40000	7.71	25	Pass
20C 45.9V	ax40	0	5230	Ant3	5230.04	40000	7.65	25	Pass
20C 54V	ax40	0	5230	Ant3	5230.04	40000	7.65	25	Pass
20C 62.1V	ax40	0	5230	Ant3	5230	0	0	25	Pass
-10C 54V	ax40	0	5230	Ant3	5230.04	40000	7.65	25	Pass
0C 54V	ax40	0	5230	Ant3	5230.04	40000	7.65	25	Pass
10C 54V	ax40	0	5230	Ant3	5230.04	40000	7.65	25	Pass
30C 54V	ax40	0	5230	Ant3	5230.04	40000	7.65	25	Pass
40C 54V	ax40	0	5230	Ant3	5230.04	40000	7.65	25	Pass
50C 54V	ax40	0	5230	Ant3	5230.04	40000	7.65	25	Pass
20C 45.9V	ax40	0	5190	Ant4	5190	0	0	25	Pass
20C 54V	ax40	0	5190	Ant4	5190	0	0	25	Pass
20C 62.1V	ax40	0	5190	Ant4	5190	0	0	25	Pass
-10C 54V	ax40	0	5190	Ant4	5190	0	0	25	Pass
0C 54V	ax40	0	5190	Ant4	5190.04	40000	7.71	25	Pass
10C 54V	ax40	0	5190	Ant4	5190	0	0	25	Pass
30C 54V	ax40	0	5190	Ant4	5190	0	0	25	Pass
40C 54V	ax40	0	5190	Ant4	5190	0	0	25	Pass
50C 54V	ax40	0	5190	Ant4	5190	0	0	25	Pass
20C 45.9V	ax40	0	5230	Ant4	5230.04	40000	7.65	25	Pass
20C 54V	ax40	0	5230	Ant4	5230	0	0	25	Pass
20C 62.1V	ax40	0	5230	Ant4	5230.04	40000	7.65	25	Pass
-10C 54V	ax40	0	5230	Ant4	5230.04	40000	7.65	25	Pass
0C 54V	ax40	0	5230	Ant4	5230.04	40000	7.65	25	Pass
10C 54V	ax40	0	5230	Ant4	5230.04	40000	7.65	25	Pass
30C 54V	ax40	0	5230	Ant4	5230.04	40000	7.65	25	Pass
40C 54V	ax40	0	5230	Ant4	5230.04	40000	7.65	25	Pass
50C 54V	ax40	0	5230	Ant4	5230.04	40000	7.65	25	Pass
20C 45.9V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
20C 54V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
20C 62.1V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
-10C 54V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
0C 54V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
10C 54V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
30C 54V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
40C 54V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
50C 54V	ax80	0	5210	Ant1	5210.08	80000	15.36	25	Pass
20C 45.9V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
20C 54V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
20C 62.1V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
-10C 54V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
0C 54V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
10C 54V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
30C 54V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
40C 54V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
50C 54V	ax80	0	5210	Ant2	5210.08	80000	15.36	25	Pass
20C 45.9V	ax80	0	5210	Ant3	5210.08	80000	15.36	25	Pass
20C 54V	ax80	0	5210	Ant3	5210.08	80000	15.36	25	Pass
20C 62.1V	ax80	0	5210	Ant3	5210.08	80000	15.36	25	Pass

-10C 54V	ax80	0	5210	Ant3	5210.08	80000	15.36	25	Pass
0C 54V	ax80	0	5210	Ant3	5210.08	80000	15.36	25	Pass
10C 54V	ax80	0	5210	Ant3	5210.08	80000	15.36	25	Pass
30C 54V	ax80	0	5210	Ant3	5210.08	80000	15.36	25	Pass
40C 54V	ax80	0	5210	Ant3	5210.08	80000	15.36	25	Pass
50C 54V	ax80	0	5210	Ant3	5210.08	80000	15.36	25	Pass
20C 45.9V	ax80	0	5210	Ant4	5210.08	80000	15.36	25	Pass
20C 54V	ax80	0	5210	Ant4	5210.08	80000	15.36	25	Pass
20C 62.1V	ax80	0	5210	Ant4	5210.08	80000	15.36	25	Pass
-10C 54V	ax80	0	5210	Ant4	5210.08	80000	15.36	25	Pass
0C 54V	ax80	0	5210	Ant4	5210.08	80000	15.36	25	Pass
10C 54V	ax80	0	5210	Ant4	5210.08	80000	15.36	25	Pass
30C 54V	ax80	0	5210	Ant4	5210.08	80000	15.36	25	Pass
40C 54V	ax80	0	5210	Ant4	5210.08	80000	15.36	25	Pass
50C 54V	ax80	0	5210	Ant4	5210.08	80000	15.36	25	Pass

Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 45.9V	a	0	5260	Ant1	5260.011	11000	2.09	25	Pass
20C 54V	a	0	5260	Ant1	5260.011	11000	2.09	25	Pass
20C 62.1V	a	0	5260	Ant1	5260.011	11000	2.09	25	Pass
-10C 54V	a	0	5260	Ant1	5260.011	11000	2.09	25	Pass
0C 54V	a	0	5260	Ant1	5260.011	11000	2.09	25	Pass
10C 54V	a	0	5260	Ant1	5260.011	11000	2.09	25	Pass
30C 54V	a	0	5260	Ant1	5260.011	11000	2.09	25	Pass
40C 54V	a	0	5260	Ant1	5260.011	11000	2.09	25	Pass
50C 54V	a	0	5260	Ant1	5260.011	11000	2.09	25	Pass
20C 45.9V	a	0	5280	Ant1	5280.012	12000	2.27	25	Pass
20C 54V	a	0	5280	Ant1	5280.012	12000	2.27	25	Pass
20C 62.1V	a	0	5280	Ant1	5280.012	12000	2.27	25	Pass
-10C 54V	a	0	5280	Ant1	5280.012	12000	2.27	25	Pass
0C 54V	a	0	5280	Ant1	5280.012	12000	2.27	25	Pass
10C 54V	a	0	5280	Ant1	5280.012	12000	2.27	25	Pass
30C 54V	a	0	5280	Ant1	5280.012	12000	2.27	25	Pass
40C 54V	a	0	5280	Ant1	5280.012	12000	2.27	25	Pass
50C 54V	a	0	5280	Ant1	5280.012	12000	2.27	25	Pass
20C 45.9V	a	0	5320	Ant1	5320.012	12000	2.26	25	Pass
20C 54V	a	0	5320	Ant1	5320.012	12000	2.26	25	Pass
20C 62.1V	a	0	5320	Ant1	5320.012	12000	2.26	25	Pass
-10C 54V	a	0	5320	Ant1	5320.012	12000	2.26	25	Pass
0C 54V	a	0	5320	Ant1	5320.012	12000	2.26	25	Pass
10C 54V	a	0	5320	Ant1	5320.012	12000	2.26	25	Pass
30C 54V	a	0	5320	Ant1	5320.012	12000	2.26	25	Pass
40C 54V	a	0	5320	Ant1	5320.012	12000	2.26	25	Pass
50C 54V	a	0	5320	Ant1	5320.012	12000	2.26	25	Pass
20C 45.9V	a	0	5260	Ant2	5260.012	12000	2.28	25	Pass
20C 54V	a	0	5260	Ant2	5260.012	12000	2.28	25	Pass
20C 62.1V	a	0	5260	Ant2	5260.012	12000	2.28	25	Pass
-10C 54V	a	0	5260	Ant2	5260.012	12000	2.28	25	Pass
0C 54V	a	0	5260	Ant2	5260.012	12000	2.28	25	Pass
10C 54V	a	0	5260	Ant2	5260.012	12000	2.28	25	Pass
30C 54V	a	0	5260	Ant2	5260.012	12000	2.28	25	Pass
40C 54V	a	0	5260	Ant2	5260.012	12000	2.28	25	Pass
50C 54V	a	0	5260	Ant2	5260.012	12000	2.28	25	Pass
20C 45.9V	a	0	5280	Ant2	5280.012	12000	2.27	25	Pass
20C 54V	a	0	5280	Ant2	5280.012	12000	2.27	25	Pass
20C 62.1V	a	0	5280	Ant2	5280.012	12000	2.27	25	Pass
-10C 54V	a	0	5280	Ant2	5280.012	12000	2.27	25	Pass
0C 54V	a	0	5280	Ant2	5280.012	12000	2.27	25	Pass
10C 54V	a	0	5280	Ant2	5280.012	12000	2.27	25	Pass
30C 54V	a	0	5280	Ant2	5280.012	12000	2.27	25	Pass



0C 54V	a	0	5320	Ant4	5320.012	12000	2.26	25	Pass
10C 54V	a	0	5320	Ant4	5320.012	12000	2.26	25	Pass
30C 54V	a	0	5320	Ant4	5320.012	12000	2.26	25	Pass
40C 54V	a	0	5320	Ant4	5320.012	12000	2.26	25	Pass
50C 54V	a	0	5320	Ant4	5320.012	12000	2.26	25	Pass
20C 45.9V	n20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
20C 54V	n20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
20C 62.1V	n20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
-10C 54V	n20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
0C 54V	n20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
10C 54V	n20	0	5260	Ant1	5260	0	0	25	Pass
30C 54V	n20	0	5260	Ant1	5260.04	40000	7.6	25	Pass
40C 54V	n20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
50C 54V	n20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
20C 45.9V	n20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
20C 54V	n20	0	5280	Ant1	5280.04	40000	7.58	25	Pass
20C 62.1V	n20	0	5280	Ant1	5280	0	0	25	Pass
-10C 54V	n20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
0C 54V	n20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
10C 54V	n20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
30C 54V	n20	0	5280	Ant1	5280.04	40000	7.58	25	Pass
40C 54V	n20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
50C 54V	n20	0	5280	Ant1	5280.04	40000	7.58	25	Pass
20C 45.9V	n20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
20C 54V	n20	0	5320	Ant1	5320.04	40000	7.52	25	Pass
20C 62.1V	n20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
-10C 54V	n20	0	5320	Ant1	5320.04	40000	7.52	25	Pass
0C 54V	n20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
10C 54V	n20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
30C 54V	n20	0	5320	Ant1	5320.04	40000	7.52	25	Pass
40C 54V	n20	0	5320	Ant1	5320.04	40000	7.52	25	Pass
50C 54V	n20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
20C 45.9V	n20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
20C 54V	n20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
20C 62.1V	n20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
-10C 54V	n20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
0C 54V	n20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
10C 54V	n20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
30C 54V	n20	0	5260	Ant2	5260.04	40000	7.6	25	Pass
40C 54V	n20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
50C 54V	n20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
20C 45.9V	n20	0	5280	Ant2	5280.02	20000	3.79	25	Pass
20C 54V	n20	0	5280	Ant2	5280.02	20000	3.79	25	Pass
20C 62.1V	n20	0	5280	Ant2	5280.04	40000	7.58	25	Pass
-10C 54V	n20	0	5280	Ant2	5280.02	20000	3.79	25	Pass
0C 54V	n20	0	5280	Ant2	5280.02	20000	3.79	25	Pass
10C 54V	n20	0	5280	Ant2	5280.02	20000	3.79	25	Pass
30C 54V	n20	0	5280	Ant2	5280.04	40000	7.58	25	Pass
40C 54V	n20	0	5280	Ant2	5280.02	20000	3.79	25	Pass
50C 54V	n20	0	5280	Ant2	5280.02	20000	3.79	25	Pass
20C 45.9V	n20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
20C 54V	n20	0	5320	Ant2	5320	0	0	25	Pass
20C 62.1V	n20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
-10C 54V	n20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
0C 54V	n20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
10C 54V	n20	0	5320	Ant2	5320	0	0	25	Pass
30C 54V	n20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
40C 54V	n20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
50C 54V	n20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
20C 45.9V	n20	0	5260	Ant3	5260.02	20000	3.8	25	Pass
20C 54V	n20	0	5260	Ant3	5260.02	20000	3.8	25	Pass

20C 62.1V	n20	0	5260	Ant3	5260.02	20000	3.8	25	Pass
-10C 54V	n20	0	5260	Ant3	5260.02	20000	3.8	25	Pass
0C 54V	n20	0	5260	Ant3	5260.02	20000	3.8	25	Pass
10C 54V	n20	0	5260	Ant3	5260.02	20000	3.8	25	Pass
30C 54V	n20	0	5260	Ant3	5260.02	20000	3.8	25	Pass
40C 54V	n20	0	5260	Ant3	5260	0	0	25	Pass
50C 54V	n20	0	5260	Ant3	5260.04	40000	7.6	25	Pass
20C 45.9V	n20	0	5280	Ant3	5280.02	20000	3.79	25	Pass
20C 54V	n20	0	5280	Ant3	5280	0	0	25	Pass
20C 62.1V	n20	0	5280	Ant3	5280.02	20000	3.79	25	Pass
-10C 54V	n20	0	5280	Ant3	5280.02	20000	3.79	25	Pass
0C 54V	n20	0	5280	Ant3	5280.06	60000	11.36	25	Pass
10C 54V	n20	0	5280	Ant3	5280	0	0	25	Pass
30C 54V	n20	0	5280	Ant3	5280	0	0	25	Pass
40C 54V	n20	0	5280	Ant3	5280	0	0	25	Pass
50C 54V	n20	0	5280	Ant3	5280.02	20000	3.79	25	Pass
20C 45.9V	n20	0	5320	Ant3	5320.02	20000	3.76	25	Pass
20C 54V	n20	0	5320	Ant3	5320	0	0	25	Pass
20C 62.1V	n20	0	5320	Ant3	5320.02	20000	3.76	25	Pass
-10C 54V	n20	0	5320	Ant3	5320.02	20000	3.76	25	Pass
0C 54V	n20	0	5320	Ant3	5320.02	20000	3.76	25	Pass
10C 54V	n20	0	5320	Ant3	5320.02	20000	3.76	25	Pass
30C 54V	n20	0	5320	Ant3	5320.02	20000	3.76	25	Pass
40C 54V	n20	0	5320	Ant3	5320.04	40000	7.52	25	Pass
50C 54V	n20	0	5320	Ant3	5320.02	20000	3.76	25	Pass
20C 45.9V	n20	0	5260	Ant4	5260	0	0	25	Pass
20C 54V	n20	0	5260	Ant4	5260.04	40000	7.6	25	Pass
20C 62.1V	n20	0	5260	Ant4	5260.02	20000	3.8	25	Pass
-10C 54V	n20	0	5260	Ant4	5260	0	0	25	Pass
0C 54V	n20	0	5260	Ant4	5260.02	20000	3.8	25	Pass
10C 54V	n20	0	5260	Ant4	5260.04	40000	7.6	25	Pass
30C 54V	n20	0	5260	Ant4	5260.02	20000	3.8	25	Pass
40C 54V	n20	0	5260	Ant4	5260	0	0	25	Pass
50C 54V	n20	0	5260	Ant4	5260.02	20000	3.8	25	Pass
20C 45.9V	n20	0	5280	Ant4	5280	0	0	25	Pass
20C 54V	n20	0	5280	Ant4	5280.02	20000	3.79	25	Pass
20C 62.1V	n20	0	5280	Ant4	5280.02	20000	3.79	25	Pass
-10C 54V	n20	0	5280	Ant4	5280.04	40000	7.58	25	Pass
0C 54V	n20	0	5280	Ant4	5280.02	20000	3.79	25	Pass
10C 54V	n20	0	5280	Ant4	5280.02	20000	3.79	25	Pass
30C 54V	n20	0	5280	Ant4	5280.02	20000	3.79	25	Pass
40C 54V	n20	0	5280	Ant4	5280.02	20000	3.79	25	Pass
50C 54V	n20	0	5280	Ant4	5280.02	20000	3.79	25	Pass
20C 45.9V	n20	0	5320	Ant4	5320.04	40000	7.52	25	Pass
20C 54V	n20	0	5320	Ant4	5320.04	40000	7.52	25	Pass
20C 62.1V	n20	0	5320	Ant4	5320.02	20000	3.76	25	Pass
-10C 54V	n20	0	5320	Ant4	5320.02	20000	3.76	25	Pass
0C 54V	n20	0	5320	Ant4	5320.02	20000	3.76	25	Pass
10C 54V	n20	0	5320	Ant4	5320	0	0	25	Pass
30C 54V	n20	0	5320	Ant4	5320	0	0	25	Pass
40C 54V	n20	0	5320	Ant4	5320.02	20000	3.76	25	Pass
50C 54V	n20	0	5320	Ant4	5320.02	20000	3.76	25	Pass
20C 45.9V	n40	0	5270	Ant1	5270.012	12000	2.28	25	Pass
20C 54V	n40	0	5270	Ant1	5270.012	12000	2.28	25	Pass
20C 62.1V	n40	0	5270	Ant1	5270.012	12000	2.28	25	Pass
-10C 54V	n40	0	5270	Ant1	5270.012	12000	2.28	25	Pass
0C 54V	n40	0	5270	Ant1	5270.012	12000	2.28	25	Pass
10C 54V	n40	0	5270	Ant1	5270.012	12000	2.28	25	Pass
30C 54V	n40	0	5270	Ant1	5270.012	12000	2.28	25	Pass
40C 54V	n40	0	5270	Ant1	5270.012	12000	2.28	25	Pass
50C 54V	n40	0	5270	Ant1	5270.012	12000	2.28	25	Pass



30C 54V	n40	0	5310	Ant4	5310.012	12000	2.26	25	Pass
40C 54V	n40	0	5310	Ant4	5310.012	12000	2.26	25	Pass
50C 54V	n40	0	5310	Ant4	5310.012	12000	2.26	25	Pass
20C 45.9V	ac20	0	5260	Ant1	5260.04	40000	7.6	25	Pass
20C 54V	ac20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
20C 62.1V	ac20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
-10C 54V	ac20	0	5260	Ant1	5260.04	40000	7.6	25	Pass
0C 54V	ac20	0	5260	Ant1	5260.04	40000	7.6	25	Pass
10C 54V	ac20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
30C 54V	ac20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
40C 54V	ac20	0	5260	Ant1	5260.04	40000	7.6	25	Pass
50C 54V	ac20	0	5260	Ant1	5260.04	40000	7.6	25	Pass
20C 45.9V	ac20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
20C 54V	ac20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
20C 62.1V	ac20	0	5280	Ant1	5280.04	40000	7.58	25	Pass
-10C 54V	ac20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
0C 54V	ac20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
10C 54V	ac20	0	5280	Ant1	5280.04	40000	7.58	25	Pass
30C 54V	ac20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
40C 54V	ac20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
50C 54V	ac20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
20C 45.9V	ac20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
20C 54V	ac20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
20C 62.1V	ac20	0	5320	Ant1	5320.04	40000	7.52	25	Pass
-10C 54V	ac20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
0C 54V	ac20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
10C 54V	ac20	0	5320	Ant1	5320.04	40000	7.52	25	Pass
30C 54V	ac20	0	5320	Ant1	5320.04	40000	7.52	25	Pass
40C 54V	ac20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
50C 54V	ac20	0	5320	Ant1	5320	0	0	25	Pass
20C 45.9V	ac20	0	5260	Ant2	5260.04	40000	7.6	25	Pass
20C 54V	ac20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
20C 62.1V	ac20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
-10C 54V	ac20	0	5260	Ant2	5260.04	40000	7.6	25	Pass
0C 54V	ac20	0	5260	Ant2	5260	0	0	25	Pass
10C 54V	ac20	0	5260	Ant2	5260.04	40000	7.6	25	Pass
30C 54V	ac20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
40C 54V	ac20	0	5260	Ant2	5260.04	40000	7.6	25	Pass
50C 54V	ac20	0	5260	Ant2	5260.02	20000	3.8	25	Pass
20C 45.9V	ac20	0	5280	Ant2	5280.02	20000	3.79	25	Pass
20C 54V	ac20	0	5280	Ant2	5280.02	20000	3.79	25	Pass
20C 62.1V	ac20	0	5280	Ant2	5280.02	20000	3.79	25	Pass
-10C 54V	ac20	0	5280	Ant2	5280.02	20000	3.79	25	Pass
0C 54V	ac20	0	5280	Ant2	5280.02	20000	3.79	25	Pass
10C 54V	ac20	0	5280	Ant2	5280.02	20000	3.79	25	Pass
30C 54V	ac20	0	5280	Ant2	5280.04	40000	7.58	25	Pass
40C 54V	ac20	0	5280	Ant2	5280.02	20000	3.79	25	Pass
50C 54V	ac20	0	5280	Ant2	5280.02	20000	3.79	25	Pass
20C 45.9V	ac20	0	5320	Ant2	5320	0	0	25	Pass
20C 54V	ac20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
20C 62.1V	ac20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
-10C 54V	ac20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
0C 54V	ac20	0	5320	Ant2	5320	0	0	25	Pass
10C 54V	ac20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
30C 54V	ac20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
40C 54V	ac20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
50C 54V	ac20	0	5320	Ant2	5320.02	20000	3.76	25	Pass
20C 45.9V	ac20	0	5260	Ant3	5260.02	20000	3.8	25	Pass
20C 54V	ac20	0	5260	Ant3	5260.02	20000	3.8	25	Pass
20C 62.1V	ac20	0	5260	Ant3	5260.02	20000	3.8	25	Pass

-10C 54V	ac20	0	5260	Ant3	5260	0	0	25	Pass
0C 54V	ac20	0	5260	Ant3	5260.02	20000	3.8	25	Pass
10C 54V	ac20	0	5260	Ant3	5260.02	20000	3.8	25	Pass
30C 54V	ac20	0	5260	Ant3	5260.02	20000	3.8	25	Pass
40C 54V	ac20	0	5260	Ant3	5260.02	20000	3.8	25	Pass
50C 54V	ac20	0	5260	Ant3	5260.04	40000	7.6	25	Pass
20C 45.9V	ac20	0	5280	Ant3	5280.02	20000	3.79	25	Pass
20C 54V	ac20	0	5280	Ant3	5280.02	20000	3.79	25	Pass
20C 62.1V	ac20	0	5280	Ant3	5280.02	20000	3.79	25	Pass
-10C 54V	ac20	0	5280	Ant3	5280.02	20000	3.79	25	Pass
0C 54V	ac20	0	5280	Ant3	5280.02	20000	3.79	25	Pass
10C 54V	ac20	0	5280	Ant3	5280.04	40000	7.58	25	Pass
30C 54V	ac20	0	5280	Ant3	5280.02	20000	3.79	25	Pass
40C 54V	ac20	0	5280	Ant3	5280.02	20000	3.79	25	Pass
50C 54V	ac20	0	5280	Ant3	5280.02	20000	3.79	25	Pass
20C 45.9V	ac20	0	5320	Ant3	5320.02	20000	3.76	25	Pass
20C 54V	ac20	0	5320	Ant3	5320.02	20000	3.76	25	Pass
20C 62.1V	ac20	0	5320	Ant3	5320.02	20000	3.76	25	Pass
-10C 54V	ac20	0	5320	Ant3	5320.02	20000	3.76	25	Pass
0C 54V	ac20	0	5320	Ant3	5320	0	0	25	Pass
10C 54V	ac20	0	5320	Ant3	5320.02	20000	3.76	25	Pass
30C 54V	ac20	0	5320	Ant3	5320.02	20000	3.76	25	Pass
40C 54V	ac20	0	5320	Ant3	5320.02	20000	3.76	25	Pass
50C 54V	ac20	0	5320	Ant3	5320.02	20000	3.76	25	Pass
20C 45.9V	ac20	0	5260	Ant4	5260.04	40000	7.6	25	Pass
20C 54V	ac20	0	5260	Ant4	5260.02	20000	3.8	25	Pass
20C 62.1V	ac20	0	5260	Ant4	5260.04	40000	7.6	25	Pass
-10C 54V	ac20	0	5260	Ant4	5260.02	20000	3.8	25	Pass
0C 54V	ac20	0	5260	Ant4	5260.02	20000	3.8	25	Pass
10C 54V	ac20	0	5260	Ant4	5260	0	0	25	Pass
30C 54V	ac20	0	5260	Ant4	5260.04	40000	7.6	25	Pass
40C 54V	ac20	0	5260	Ant4	5260	0	0	25	Pass
50C 54V	ac20	0	5260	Ant4	5260.04	40000	7.6	25	Pass
20C 45.9V	ac20	0	5280	Ant4	5280.02	20000	3.79	25	Pass
20C 54V	ac20	0	5280	Ant4	5280.02	20000	3.79	25	Pass
20C 62.1V	ac20	0	5280	Ant4	5280.04	40000	7.58	25	Pass
-10C 54V	ac20	0	5280	Ant4	5280.02	20000	3.79	25	Pass
0C 54V	ac20	0	5280	Ant4	5280.02	20000	3.79	25	Pass
10C 54V	ac20	0	5280	Ant4	5280.04	40000	7.58	25	Pass
30C 54V	ac20	0	5280	Ant4	5280.02	20000	3.79	25	Pass
40C 54V	ac20	0	5280	Ant4	5280.02	20000	3.79	25	Pass
50C 54V	ac20	0	5280	Ant4	5280.04	40000	7.58	25	Pass
20C 45.9V	ac20	0	5320	Ant4	5320.02	20000	3.76	25	Pass
20C 54V	ac20	0	5320	Ant4	5320.02	20000	3.76	25	Pass
20C 62.1V	ac20	0	5320	Ant4	5320.02	20000	3.76	25	Pass
-10C 54V	ac20	0	5320	Ant4	5320	0	0	25	Pass
0C 54V	ac20	0	5320	Ant4	5320.02	20000	3.76	25	Pass
10C 54V	ac20	0	5320	Ant4	5320.02	20000	3.76	25	Pass
30C 54V	ac20	0	5320	Ant4	5320.02	20000	3.76	25	Pass
40C 54V	ac20	0	5320	Ant4	5320	0	0	25	Pass
50C 54V	ac20	0	5320	Ant4	5320.04	40000	7.52	25	Pass
20C 45.9V	ac40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
20C 54V	ac40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
20C 62.1V	ac40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
-10C 54V	ac40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
0C 54V	ac40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
10C 54V	ac40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
30C 54V	ac40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
40C 54V	ac40	0	5270	Ant1	5270	0	0	25	Pass
50C 54V	ac40	0	5270	Ant1	5270.04	40000	7.59	25	Pass
20C 45.9V	ac40	0	5310	Ant1	5310	0	0	25	Pass



20C 54V	ac40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
20C 62.1V	ac40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
-10C 54V	ac40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
0C 54V	ac40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
10C 54V	ac40	0	5310	Ant1	5310	0	0	25	Pass
30C 54V	ac40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
40C 54V	ac40	0	5310	Ant1	5310	0	0	25	Pass
50C 54V	ac40	0	5310	Ant1	5310.04	40000	7.53	25	Pass
20C 45.9V	ac40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
20C 54V	ac40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
20C 62.1V	ac40	0	5270	Ant2	5270	0	0	25	Pass
-10C 54V	ac40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
0C 54V	ac40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
10C 54V	ac40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
30C 54V	ac40	0	5270	Ant2	5270	0	0	25	Pass
40C 54V	ac40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
50C 54V	ac40	0	5270	Ant2	5270.04	40000	7.59	25	Pass
20C 45.9V	ac40	0	5310	Ant2	5310	0	0	25	Pass
20C 54V	ac40	0	5310	Ant2	5310	0	0	25	Pass
20C 62.1V	ac40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
-10C 54V	ac40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
0C 54V	ac40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
10C 54V	ac40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
30C 54V	ac40	0	5310	Ant2	5310	0	0	25	Pass
40C 54V	ac40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
50C 54V	ac40	0	5310	Ant2	5310.04	40000	7.53	25	Pass
20C 45.9V	ac40	0	5270	Ant3	5270.04	40000	7.59	25	Pass
20C 54V	ac40	0	5270	Ant3	5270.04	40000	7.59	25	Pass
20C 62.1V	ac40	0	5270	Ant3	5270.04	40000	7.59	25	Pass
-10C 54V	ac40	0	5270	Ant3	5270.04	40000	7.59	25	Pass
0C 54V	ac40	0	5270	Ant3	5270.04	40000	7.59	25	Pass
10C 54V	ac40	0	5270	Ant3	5270.04	40000	7.59	25	Pass
30C 54V	ac40	0	5270	Ant3	5270.04	40000	7.59	25	Pass
40C 54V	ac40	0	5270	Ant3	5270.04	40000	7.59	25	Pass
50C 54V	ac40	0	5270	Ant3	5270	0	0	25	Pass
20C 45.9V	ac40	0	5310	Ant3	5310.04	40000	7.53	25	Pass
20C 54V	ac40	0	5310	Ant3	5310.04	40000	7.53	25	Pass
20C 62.1V	ac40	0	5310	Ant3	5310.04	40000	7.53	25	Pass
-10C 54V	ac40	0	5310	Ant3	5310.04	40000	7.53	25	Pass
0C 54V	ac40	0	5310	Ant3	5310.04	40000	7.53	25	Pass
10C 54V	ac40	0	5310	Ant3	5310.04	40000	7.53	25	Pass
30C 54V	ac40	0	5310	Ant3	5310.04	40000	7.53	25	Pass
40C 54V	ac40	0	5310	Ant3	5310	0	0	25	Pass
50C 54V	ac40	0	5310	Ant3	5310.04	40000	7.53	25	Pass
20C 45.9V	ac40	0	5270	Ant4	5270.04	40000	7.59	25	Pass
20C 54V	ac40	0	5270	Ant4	5270.04	40000	7.59	25	Pass
20C 62.1V	ac40	0	5270	Ant4	5270.04	40000	7.59	25	Pass
-10C 54V	ac40	0	5270	Ant4	5270.04	40000	7.59	25	Pass
0C 54V	ac40	0	5270	Ant4	5270.04	40000	7.59	25	Pass
10C 54V	ac40	0	5270	Ant4	5270.04	40000	7.59	25	Pass
30C 54V	ac40	0	5270	Ant4	5270.04	40000	7.59	25	Pass
40C 54V	ac40	0	5270	Ant4	5270.04	40000	7.59	25	Pass
50C 54V	ac40	0	5270	Ant4	5270	0	0	25	Pass
20C 45.9V	ac40	0	5310	Ant4	5310.04	40000	7.53	25	Pass
20C 54V	ac40	0	5310	Ant4	5310	0	0	25	Pass
20C 62.1V	ac40	0	5310	Ant4	5310.04	40000	7.53	25	Pass
-10C 54V	ac40	0	5310	Ant4	5310.04	40000	7.53	25	Pass
0C 54V	ac40	0	5310	Ant4	5310	0	0	25	Pass
10C 54V	ac40	0	5310	Ant4	5310.04	40000	7.53	25	Pass
30C 54V	ac40	0	5310	Ant4	5310.04	40000	7.53	25	Pass
40C 54V	ac40	0	5310	Ant4	5310	0	0	25	Pass

50C 54V	ac40	0	5310	Ant4	5310	0	0	25	Pass
20C 45.9V	ac80	0	5290	Ant1	5290.013	13000	2.46	25	Pass
20C 54V	ac80	0	5290	Ant1	5290.013	13000	2.46	25	Pass
20C 62.1V	ac80	0	5290	Ant1	5290.013	13000	2.46	25	Pass
-10C 54V	ac80	0	5290	Ant1	5290.013	13000	2.46	25	Pass
0C 54V	ac80	0	5290	Ant1	5290.013	13000	2.46	25	Pass
10C 54V	ac80	0	5290	Ant1	5290.013	13000	2.46	25	Pass
30C 54V	ac80	0	5290	Ant1	5290.013	13000	2.46	25	Pass
40C 54V	ac80	0	5290	Ant1	5290.013	13000	2.46	25	Pass
50C 54V	ac80	0	5290	Ant1	5290.013	13000	2.46	25	Pass
20C 45.9V	ac80	0	5290	Ant2	5290.013	13000	2.46	25	Pass
20C 54V	ac80	0	5290	Ant2	5290.013	13000	2.46	25	Pass
20C 62.1V	ac80	0	5290	Ant2	5290.013	13000	2.46	25	Pass
-10C 54V	ac80	0	5290	Ant2	5290.013	13000	2.46	25	Pass
0C 54V	ac80	0	5290	Ant2	5290.013	13000	2.46	25	Pass
10C 54V	ac80	0	5290	Ant2	5290.013	13000	2.46	25	Pass
30C 54V	ac80	0	5290	Ant2	5290.013	13000	2.46	25	Pass
40C 54V	ac80	0	5290	Ant2	5290.013	13000	2.46	25	Pass
50C 54V	ac80	0	5290	Ant2	5290.013	13000	2.46	25	Pass
20C 45.9V	ac80	0	5290	Ant3	5290.013	13000	2.46	25	Pass
20C 54V	ac80	0	5290	Ant3	5290.013	13000	2.46	25	Pass
20C 62.1V	ac80	0	5290	Ant3	5290.013	13000	2.46	25	Pass
-10C 54V	ac80	0	5290	Ant3	5290.013	13000	2.46	25	Pass
0C 54V	ac80	0	5290	Ant3	5290.013	13000	2.46	25	Pass
10C 54V	ac80	0	5290	Ant3	5290.013	13000	2.46	25	Pass
30C 54V	ac80	0	5290	Ant3	5290.013	13000	2.46	25	Pass
40C 54V	ac80	0	5290	Ant3	5290.013	13000	2.46	25	Pass
50C 54V	ac80	0	5290	Ant3	5290.013	13000	2.46	25	Pass
20C 45.9V	ac80	0	5290	Ant4	5290.014	14000	2.65	25	Pass
20C 54V	ac80	0	5290	Ant4	5290.014	14000	2.65	25	Pass
20C 62.1V	ac80	0	5290	Ant4	5290.014	14000	2.65	25	Pass
-10C 54V	ac80	0	5290	Ant4	5290.014	14000	2.65	25	Pass
0C 54V	ac80	0	5290	Ant4	5290.014	14000	2.65	25	Pass
10C 54V	ac80	0	5290	Ant4	5290.014	14000	2.65	25	Pass
30C 54V	ac80	0	5290	Ant4	5290.014	14000	2.65	25	Pass
40C 54V	ac80	0	5290	Ant4	5290.014	14000	2.65	25	Pass
50C 54V	ac80	0	5290	Ant4	5290.014	14000	2.65	25	Pass
20C 45.9V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
20C 54V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
20C 62.1V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
-10C 54V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
0C 54V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
10C 54V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
30C 54V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
40C 54V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
50C 54V	ax20	0	5260	Ant1	5260.02	20000	3.8	25	Pass
20C 45.9V	ax20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
20C 54V	ax20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
20C 62.1V	ax20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
-10C 54V	ax20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
0C 54V	ax20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
10C 54V	ax20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
30C 54V	ax20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
40C 54V	ax20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
50C 54V	ax20	0	5280	Ant1	5280.02	20000	3.79	25	Pass
20C 45.9V	ax20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
20C 54V	ax20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
20C 62.1V	ax20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
-10C 54V	ax20	0	5320	Ant1	5320.02	20000	3.76	25	Pass
0C 54V	ax20	0	5320	Ant1	5320.02	20000	3.76	25	Pass