

HVTN	ax160	5570	Ant1	5569.964	-36000	-6.46	25	Pass
LVNT	ax160	5570	Ant2	5569.964	-36000	-6.46	25	Pass
NVNT	ax160	5570	Ant2	5569.964	-36000	-6.46	25	Pass
HVTN	ax160	5570	Ant2	5569.964	-36000	-6.46	25	Pass
LVNT	ax160	5570	Ant3	5569.964	-36000	-6.46	25	Pass
NVNT	ax160	5570	Ant3	5569.964	-36000	-6.46	25	Pass
HVTN	ax160	5570	Ant3	5569.964	-36000	-6.46	25	Pass
LVNT	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
NVNT	ax20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
HVTN	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
LVNT	ax20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
NVNT	ax20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
HVTN	ax20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
LVNT	ax20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
NVNT	ax20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
HVTN	ax20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
LVNT	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
NVNT	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
HVTN	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
LVNT	ax20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
NVNT	ax20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
HVTN	ax20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
LVNT	ax20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
NVNT	ax20	5200	Ant3	5199.94	-60000	-11.54	25	Pass
HVTN	ax20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
LVNT	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
NVNT	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
HVTN	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
LVNT	ax20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
NVNT	ax20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
HVTN	ax20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
LVNT	ax20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
NVNT	ax20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
HVTN	ax20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
LVNT	ax20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
NVNT	ax20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
HVTN	ax20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
LVNT	ax20	5260	Ant2	5260	0	0	25	Pass
NVNT	ax20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
HVTN	ax20	5260	Ant2	5259.94	-60000	-11.41	25	Pass
LVNT	ax20	5260	Ant3	5259.98	-20000	-3.8	25	Pass
NVNT	ax20	5260	Ant3	5259.92	-80000	-15.21	25	Pass

HVTN	ax20	5260	Ant3	5259.9	-100000	-19.01	25	Pass
LVNT	ax20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
NVNT	ax20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
HVTN	ax20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
LVNT	ax20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
NVNT	ax20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
HVTN	ax20	5280	Ant2	5279.96	-40000	-7.58	25	Pass
LVNT	ax20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
NVNT	ax20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
HVTN	ax20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
LVNT	ax20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
NVNT	ax20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
HVTN	ax20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
LVNT	ax20	5320	Ant2	5319.94	-60000	-11.28	25	Pass
NVNT	ax20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
HVTN	ax20	5320	Ant2	5319.98	-20000	-3.76	25	Pass
LVNT	ax20	5320	Ant3	5319.94	-60000	-11.28	25	Pass
NVNT	ax20	5320	Ant3	5319.94	-60000	-11.28	25	Pass
HVTN	ax20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
LVNT	ax20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
NVNT	ax20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
HVTN	ax20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
LVNT	ax20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
NVNT	ax20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
HVTN	ax20	5500	Ant2	5499.94	-60000	-10.91	25	Pass
LVNT	ax20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
NVNT	ax20	5500	Ant3	5499.94	-60000	-10.91	25	Pass
HVTN	ax20	5500	Ant3	5499.98	-20000	-3.64	25	Pass
LVNT	ax20	5580	Ant1	5579.94	-60000	-10.75	25	Pass
NVNT	ax20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
HVTN	ax20	5580	Ant1	5579.94	-60000	-10.75	25	Pass
LVNT	ax20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
NVNT	ax20	5580	Ant2	5579.94	-60000	-10.75	25	Pass
HVTN	ax20	5580	Ant2	5579.94	-60000	-10.75	25	Pass
LVNT	ax20	5580	Ant3	5579.94	-60000	-10.75	25	Pass
NVNT	ax20	5580	Ant3	5580	0	0	25	Pass
HVTN	ax20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
LVNT	ax20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
NVNT	ax20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
HVTN	ax20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
LVNT	ax20	5700	Ant2	5699.94	-60000	-10.53	25	Pass
NVNT	ax20	5700	Ant2	5699.94	-60000	-10.53	25	Pass

HVTN	ax20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
LVNT	ax20	5700	Ant3	5699.96	-40000	-7.02	25	Pass
NVNT	ax20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
HVTN	ax20	5700	Ant3	5700	0	0	25	Pass
LVNT	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
NVNT	ax20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
HVTN	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
LVNT	ax20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
NVNT	ax20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
HVTN	ax20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
LVNT	ax20	5745	Ant3	5744.94	-60000	-10.44	25	Pass
NVNT	ax20	5745	Ant3	5744.94	-60000	-10.44	25	Pass
HVTN	ax20	5745	Ant3	5744.98	-20000	-3.48	25	Pass
LVNT	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
NVNT	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
HVTN	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
LVNT	ax20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
NVNT	ax20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
HVTN	ax20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
LVNT	ax20	5785	Ant3	5784.94	-60000	-10.37	25	Pass
NVNT	ax20	5785	Ant3	5784.92	-80000	-13.83	25	Pass
HVTN	ax20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
LVNT	ax20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
NVNT	ax20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
HVTN	ax20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
LVNT	ax20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
NVNT	ax20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
HVTN	ax20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
LVNT	ax20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
NVNT	ax20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
HVTN	ax20	5825	Ant3	5824.98	-20000	-3.43	25	Pass
LVNT	ax40	5190	Ant1	5189.88	-120000	-23.12	25	Pass
NVNT	ax40	5190	Ant1	5190	0	0	25	Pass
HVTN	ax40	5190	Ant1	5189.88	-120000	-23.12	25	Pass
LVNT	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
NVNT	ax40	5190	Ant2	5190	0	0	25	Pass
HVTN	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
LVNT	ax40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
NVNT	ax40	5190	Ant3	5189.92	-80000	-15.41	25	Pass
HVTN	ax40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
LVNT	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
NVNT	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass

HVTN	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
LVNT	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
NVNT	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
HVTN	ax40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
LVNT	ax40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
NVNT	ax40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
HVTN	ax40	5230	Ant3	5229.92	-80000	-15.3	25	Pass
LVNT	ax40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
NVNT	ax40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
HVTN	ax40	5270	Ant1	5269.88	-120000	-22.77	25	Pass
LVNT	ax40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
NVNT	ax40	5270	Ant2	5269.88	-120000	-22.77	25	Pass
HVTN	ax40	5270	Ant2	5269.92	-80000	-15.18	25	Pass
LVNT	ax40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
NVNT	ax40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
HVTN	ax40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
LVNT	ax40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
NVNT	ax40	5310	Ant1	5310	0	0	25	Pass
HVTN	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
LVNT	ax40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
NVNT	ax40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
HVTN	ax40	5310	Ant2	5310	0	0	25	Pass
LVNT	ax40	5310	Ant3	5309.88	-120000	-22.6	25	Pass
NVNT	ax40	5310	Ant3	5309.92	-80000	-15.07	25	Pass
HVTN	ax40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
LVNT	ax40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
NVNT	ax40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
HVTN	ax40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
LVNT	ax40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
NVNT	ax40	5510	Ant2	5510	0	0	25	Pass
HVTN	ax40	5510	Ant2	5509.92	-80000	-14.52	25	Pass
LVNT	ax40	5510	Ant3	5510	0	0	25	Pass
NVNT	ax40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
HVTN	ax40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
LVNT	ax40	5550	Ant1	5550	0	0	25	Pass
NVNT	ax40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
HVTN	ax40	5550	Ant1	5550.04	40000	7.21	25	Pass
LVNT	ax40	5550	Ant2	5550	0	0	25	Pass
NVNT	ax40	5550	Ant2	5549.92	-80000	-14.41	25	Pass
HVTN	ax40	5550	Ant2	5550	0	0	25	Pass
LVNT	ax40	5550	Ant3	5549.88	-120000	-21.62	25	Pass
NVNT	ax40	5550	Ant3	5550	0	0	25	Pass

HVTN	ax40	5550	Ant3	5549.88	-120000	-21.62	25	Pass
LVNT	ax40	5670	Ant1	5669.88	-120000	-21.16	25	Pass
NVNT	ax40	5670	Ant1	5669.88	-120000	-21.16	25	Pass
HVTN	ax40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
LVNT	ax40	5670	Ant2	5669.92	-80000	-14.11	25	Pass
NVNT	ax40	5670	Ant2	5670.08	80000	14.11	25	Pass
HVTN	ax40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
LVNT	ax40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
NVNT	ax40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
HVTN	ax40	5670	Ant3	5670	0	0	25	Pass
LVNT	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
NVNT	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
HVTN	ax40	5755	Ant1	5754.88	-120000	-20.85	25	Pass
LVNT	ax40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
NVNT	ax40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
HVTN	ax40	5755	Ant2	5755	0	0	25	Pass
LVNT	ax40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
NVNT	ax40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
HVTN	ax40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
LVNT	ax40	5795	Ant1	5795	0	0	25	Pass
NVNT	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
HVTN	ax40	5795	Ant1	5795	0	0	25	Pass
LVNT	ax40	5795	Ant2	5794.88	-120000	-20.71	25	Pass
NVNT	ax40	5795	Ant2	5794.88	-120000	-20.71	25	Pass
HVTN	ax40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
LVNT	ax40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
NVNT	ax40	5795	Ant3	5794.88	-120000	-20.71	25	Pass
HVTN	ax40	5795	Ant3	5794.92	-80000	-13.81	25	Pass
LVNT	ax80	5210	Ant1	5209.964	-36000	-6.91	25	Pass
NVNT	ax80	5210	Ant1	5209.964	-36000	-6.91	25	Pass
HVTN	ax80	5210	Ant1	5209.964	-36000	-6.91	25	Pass
LVNT	ax80	5210	Ant2	5209.964	-36000	-6.91	25	Pass
NVNT	ax80	5210	Ant2	5209.964	-36000	-6.91	25	Pass
HVTN	ax80	5210	Ant2	5209.964	-36000	-6.91	25	Pass
LVNT	ax80	5210	Ant3	5209.964	-36000	-6.91	25	Pass
NVNT	ax80	5210	Ant3	5209.964	-36000	-6.91	25	Pass
HVTN	ax80	5210	Ant3	5209.964	-36000	-6.91	25	Pass
LVNT	ax80	5290	Ant1	5289.964	-36000	-6.81	25	Pass
NVNT	ax80	5290	Ant1	5289.964	-36000	-6.81	25	Pass
HVTN	ax80	5290	Ant1	5289.964	-36000	-6.81	25	Pass
LVNT	ax80	5290	Ant2	5289.963	-37000	-6.99	25	Pass
NVNT	ax80	5290	Ant2	5289.964	-36000	-6.81	25	Pass

HVTN	ax80	5290	Ant2	5289.964	-36000	-6.81	25	Pass
LVNT	ax80	5290	Ant3	5289.964	-36000	-6.81	25	Pass
NVNT	ax80	5290	Ant3	5289.964	-36000	-6.81	25	Pass
HVTN	ax80	5290	Ant3	5289.963	-37000	-6.99	25	Pass
LVNT	ax80	5530	Ant1	5529.962	-38000	-6.87	25	Pass
NVNT	ax80	5530	Ant1	5529.961	-39000	-7.05	25	Pass
HVTN	ax80	5530	Ant1	5529.961	-39000	-7.05	25	Pass
LVNT	ax80	5530	Ant2	5529.961	-39000	-7.05	25	Pass
NVNT	ax80	5530	Ant2	5529.961	-39000	-7.05	25	Pass
HVTN	ax80	5530	Ant2	5529.961	-39000	-7.05	25	Pass
LVNT	ax80	5530	Ant3	5529.962	-38000	-6.87	25	Pass
NVNT	ax80	5530	Ant3	5529.962	-38000	-6.87	25	Pass
HVTN	ax80	5530	Ant3	5529.962	-38000	-6.87	25	Pass
LVNT	ax80	5610	Ant1	5609.96	-40000	-7.13	25	Pass
NVNT	ax80	5610	Ant1	5609.961	-39000	-6.95	25	Pass
HVTN	ax80	5610	Ant1	5609.96	-40000	-7.13	25	Pass
LVNT	ax80	5610	Ant2	5609.96	-40000	-7.13	25	Pass
NVNT	ax80	5610	Ant2	5609.96	-40000	-7.13	25	Pass
HVTN	ax80	5610	Ant2	5609.96	-40000	-7.13	25	Pass
LVNT	ax80	5610	Ant3	5609.96	-40000	-7.13	25	Pass
NVNT	ax80	5610	Ant3	5609.96	-40000	-7.13	25	Pass
HVTN	ax80	5610	Ant3	5609.961	-39000	-6.95	25	Pass
LVNT	ax80	5775	Ant1	5774.96	-40000	-6.93	25	Pass
NVNT	ax80	5775	Ant1	5774.96	-40000	-6.93	25	Pass
HVTN	ax80	5775	Ant1	5774.959	-41000	-7.1	25	Pass
LVNT	ax80	5775	Ant2	5774.96	-40000	-6.93	25	Pass
NVNT	ax80	5775	Ant2	5774.96	-40000	-6.93	25	Pass
HVTN	ax80	5775	Ant2	5774.96	-40000	-6.93	25	Pass
LVNT	ax80	5775	Ant3	5774.96	-40000	-6.93	25	Pass
NVNT	ax80	5775	Ant3	5774.961	-39000	-6.75	25	Pass
HVTN	ax80	5775	Ant3	5774.96	-40000	-6.93	25	Pass
LVNT	be160	5250	Ant1	5249.966	-34000	-6.48	25	Pass
NVNT	be160	5250	Ant1	5249.966	-34000	-6.48	25	Pass
HVTN	be160	5250	Ant1	5249.966	-34000	-6.48	25	Pass
LVNT	be160	5250	Ant2	5249.966	-34000	-6.48	25	Pass
NVNT	be160	5250	Ant2	5249.966	-34000	-6.48	25	Pass
HVTN	be160	5250	Ant2	5249.966	-34000	-6.48	25	Pass
LVNT	be160	5250	Ant3	5249.966	-34000	-6.48	25	Pass
NVNT	be160	5250	Ant3	5249.966	-34000	-6.48	25	Pass
HVTN	be160	5250	Ant3	5249.966	-34000	-6.48	25	Pass
LVNT	be160	5570	Ant1	5569.954	-46000	-8.26	25	Pass
NVNT	be160	5570	Ant1	5569.961	-39000	-7	25	Pass

HVTN	be160	5570	Ant1	5569.951	-49000	-8.8	25	Pass
LVNT	be160	5570	Ant2	5569.965	-35000	-6.28	25	Pass
NVNT	be160	5570	Ant2	5569.966	-34000	-6.1	25	Pass
HVTN	be160	5570	Ant2	5569.965	-35000	-6.28	25	Pass
LVNT	be160	5570	Ant3	5569.965	-35000	-6.28	25	Pass
NVNT	be160	5570	Ant3	5569.964	-36000	-6.46	25	Pass
HVTN	be160	5570	Ant3	5569.963	-37000	-6.64	25	Pass
LVNT	be20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
NVNT	be20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
HVTN	be20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
LVNT	be20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
NVNT	be20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
HVTN	be20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
LVNT	be20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
NVNT	be20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
HVTN	be20	5180	Ant3	5179.94	-60000	-11.58	25	Pass
LVNT	be20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
NVNT	be20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
HVTN	be20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
LVNT	be20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
NVNT	be20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
HVTN	be20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
LVNT	be20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
NVNT	be20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
HVTN	be20	5200	Ant3	5199.94	-60000	-11.54	25	Pass
LVNT	be20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
NVNT	be20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
HVTN	be20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
LVNT	be20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
NVNT	be20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
HVTN	be20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
LVNT	be20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
NVNT	be20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
HVTN	be20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
LVNT	be20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
NVNT	be20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
HVTN	be20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
LVNT	be20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
NVNT	be20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
HVTN	be20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
LVNT	be20	5260	Ant3	5259.94	-60000	-11.41	25	Pass
NVNT	be20	5260	Ant3	5259.96	-40000	-7.6	25	Pass

HVTN	be20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
LVNT	be20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
NVNT	be20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
HVTN	be20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
LVNT	be20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
NVNT	be20	5280	Ant2	5279.96	-40000	-7.58	25	Pass
HVTN	be20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
LVNT	be20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
NVNT	be20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
HVTN	be20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
LVNT	be20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
NVNT	be20	5320	Ant1	5319.98	-20000	-3.76	25	Pass
HVTN	be20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
LVNT	be20	5320	Ant2	5319.94	-60000	-11.28	25	Pass
NVNT	be20	5320	Ant2	5319.98	-20000	-3.76	25	Pass
HVTN	be20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
LVNT	be20	5320	Ant3	5319.98	-20000	-3.76	25	Pass
NVNT	be20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
HVTN	be20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
LVNT	be20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
NVNT	be20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
HVTN	be20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
LVNT	be20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
NVNT	be20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
HVTN	be20	5500	Ant2	5499.94	-60000	-10.91	25	Pass
LVNT	be20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
NVNT	be20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
HVTN	be20	5500	Ant3	5499.94	-60000	-10.91	25	Pass
LVNT	be20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
NVNT	be20	5580	Ant1	5579.98	-20000	-3.58	25	Pass
HVTN	be20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
LVNT	be20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
NVNT	be20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
HVTN	be20	5580	Ant2	5579.94	-60000	-10.75	25	Pass
LVNT	be20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
NVNT	be20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
HVTN	be20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
LVNT	be20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
NVNT	be20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
HVTN	be20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
LVNT	be20	5700	Ant2	5699.98	-20000	-3.51	25	Pass
NVNT	be20	5700	Ant2	5699.98	-20000	-3.51	25	Pass

HVTN	be20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
LVNT	be20	5700	Ant3	5699.96	-40000	-7.02	25	Pass
NVNT	be20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
HVTN	be20	5700	Ant3	5699.96	-40000	-7.02	25	Pass
LVNT	be20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
NVNT	be20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
HVTN	be20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
LVNT	be20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
NVNT	be20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
HVTN	be20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
LVNT	be20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
NVNT	be20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
HVTN	be20	5745	Ant3	5744.98	-20000	-3.48	25	Pass
LVNT	be20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
NVNT	be20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
HVTN	be20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
LVNT	be20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
NVNT	be20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
HVTN	be20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
LVNT	be20	5785	Ant3	5784.94	-60000	-10.37	25	Pass
NVNT	be20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
HVTN	be20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
LVNT	be20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
NVNT	be20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
HVTN	be20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
LVNT	be20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
NVNT	be20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
HVTN	be20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
LVNT	be20	5825	Ant3	5824.94	-60000	-10.3	25	Pass
NVNT	be20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
HVTN	be20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
LVNT	be40	5190	Ant1	5190	0	0	25	Pass
NVNT	be40	5190	Ant1	5190	0	0	25	Pass
HVTN	be40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
LVNT	be40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
NVNT	be40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
HVTN	be40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
LVNT	be40	5190	Ant3	5189.92	-80000	-15.41	25	Pass
NVNT	be40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
HVTN	be40	5190	Ant3	5189.92	-80000	-15.41	25	Pass
LVNT	be40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
NVNT	be40	5230	Ant1	5230	0	0	25	Pass

HVTN	be40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
LVNT	be40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
NVNT	be40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
HVTN	be40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
LVNT	be40	5230	Ant3	5229.92	-80000	-15.3	25	Pass
NVNT	be40	5230	Ant3	5230	0	0	25	Pass
HVTN	be40	5230	Ant3	5230	0	0	25	Pass
LVNT	be40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
NVNT	be40	5270	Ant1	5269.88	-120000	-22.77	25	Pass
HVTN	be40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
LVNT	be40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
NVNT	be40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
HVTN	be40	5270	Ant2	5269.92	-80000	-15.18	25	Pass
LVNT	be40	5270	Ant3	5269.88	-120000	-22.77	25	Pass
NVNT	be40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
HVTN	be40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
LVNT	be40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
NVNT	be40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
HVTN	be40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
LVNT	be40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
NVNT	be40	5310	Ant2	5309.92	-80000	-15.07	25	Pass
HVTN	be40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
LVNT	be40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
NVNT	be40	5310	Ant3	5310	0	0	25	Pass
HVTN	be40	5310	Ant3	5310	0	0	25	Pass
LVNT	be40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
NVNT	be40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
HVTN	be40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
LVNT	be40	5510	Ant2	5510	0	0	25	Pass
NVNT	be40	5510	Ant2	5509.92	-80000	-14.52	25	Pass
HVTN	be40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
LVNT	be40	5510	Ant3	5510	0	0	25	Pass
NVNT	be40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
HVTN	be40	5510	Ant3	5510.12	120000	21.78	25	Pass
LVNT	be40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
NVNT	be40	5550	Ant1	5550	0	0	25	Pass
HVTN	be40	5550	Ant1	5550	0	0	25	Pass
LVNT	be40	5550	Ant2	5550.12	120000	21.62	25	Pass
NVNT	be40	5550	Ant2	5550	0	0	25	Pass
HVTN	be40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
LVNT	be40	5550	Ant3	5550	0	0	25	Pass
NVNT	be40	5550	Ant3	5549.96	-40000	-7.21	25	Pass

HVTN	be40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
LVNT	be40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
NVNT	be40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
HVTN	be40	5670	Ant1	5670	0	0	25	Pass
LVNT	be40	5670	Ant2	5669.92	-80000	-14.11	25	Pass
NVNT	be40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
HVTN	be40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
LVNT	be40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
NVNT	be40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
HVTN	be40	5670	Ant3	5670.04	40000	7.05	25	Pass
LVNT	be40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
NVNT	be40	5755	Ant1	5755.04	40000	6.95	25	Pass
HVTN	be40	5755	Ant1	5755	0	0	25	Pass
LVNT	be40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
NVNT	be40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
HVTN	be40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
LVNT	be40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
NVNT	be40	5755	Ant3	5754.92	-80000	-13.9	25	Pass
HVTN	be40	5755	Ant3	5754.92	-80000	-13.9	25	Pass
LVNT	be40	5795	Ant1	5795.04	40000	6.9	25	Pass
NVNT	be40	5795	Ant1	5794.88	-120000	-20.71	25	Pass
HVTN	be40	5795	Ant1	5794.88	-120000	-20.71	25	Pass
LVNT	be40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
NVNT	be40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
HVTN	be40	5795	Ant2	5795	0	0	25	Pass
LVNT	be40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
NVNT	be40	5795	Ant3	5794.88	-120000	-20.71	25	Pass
HVTN	be40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
LVNT	be80	5210	Ant1	5209.965	-35000	-6.72	25	Pass
NVNT	be80	5210	Ant1	5209.965	-35000	-6.72	25	Pass
HVTN	be80	5210	Ant1	5209.965	-35000	-6.72	25	Pass
LVNT	be80	5210	Ant2	5209.964	-36000	-6.91	25	Pass
NVNT	be80	5210	Ant2	5209.964	-36000	-6.91	25	Pass
HVTN	be80	5210	Ant2	5209.964	-36000	-6.91	25	Pass
LVNT	be80	5210	Ant3	5209.964	-36000	-6.91	25	Pass
NVNT	be80	5210	Ant3	5209.964	-36000	-6.91	25	Pass
HVTN	be80	5210	Ant3	5209.964	-36000	-6.91	25	Pass
LVNT	be80	5290	Ant1	5289.964	-36000	-6.81	25	Pass
NVNT	be80	5290	Ant1	5289.964	-36000	-6.81	25	Pass
HVTN	be80	5290	Ant1	5289.964	-36000	-6.81	25	Pass
LVNT	be80	5290	Ant2	5289.964	-36000	-6.81	25	Pass
NVNT	be80	5290	Ant2	5289.964	-36000	-6.81	25	Pass

HVTN	be80	5290	Ant2	5289.964	-36000	-6.81	25	Pass
LVNT	be80	5290	Ant3	5289.964	-36000	-6.81	25	Pass
NVNT	be80	5290	Ant3	5289.964	-36000	-6.81	25	Pass
HVTN	be80	5290	Ant3	5289.964	-36000	-6.81	25	Pass
LVNT	be80	5530	Ant1	5529.961	-39000	-7.05	25	Pass
NVNT	be80	5530	Ant1	5529.962	-38000	-6.87	25	Pass
HVTN	be80	5530	Ant1	5529.961	-39000	-7.05	25	Pass
LVNT	be80	5530	Ant2	5529.961	-39000	-7.05	25	Pass
NVNT	be80	5530	Ant2	5529.961	-39000	-7.05	25	Pass
HVTN	be80	5530	Ant2	5529.961	-39000	-7.05	25	Pass
LVNT	be80	5530	Ant3	5529.961	-39000	-7.05	25	Pass
NVNT	be80	5530	Ant3	5529.961	-39000	-7.05	25	Pass
HVTN	be80	5530	Ant3	5529.961	-39000	-7.05	25	Pass
LVNT	be80	5610	Ant1	5609.96	-40000	-7.13	25	Pass
NVNT	be80	5610	Ant1	5609.96	-40000	-7.13	25	Pass
HVTN	be80	5610	Ant1	5609.96	-40000	-7.13	25	Pass
LVNT	be80	5610	Ant2	5609.96	-40000	-7.13	25	Pass
NVNT	be80	5610	Ant2	5609.96	-40000	-7.13	25	Pass
HVTN	be80	5610	Ant2	5609.96	-40000	-7.13	25	Pass
LVNT	be80	5610	Ant3	5609.96	-40000	-7.13	25	Pass
NVNT	be80	5610	Ant3	5609.96	-40000	-7.13	25	Pass
HVTN	be80	5610	Ant3	5609.96	-40000	-7.13	25	Pass
LVNT	be80	5775	Ant1	5774.959	-41000	-7.1	25	Pass
NVNT	be80	5775	Ant1	5774.958	-42000	-7.27	25	Pass
HVTN	be80	5775	Ant1	5774.959	-41000	-7.1	25	Pass
LVNT	be80	5775	Ant2	5774.958	-42000	-7.27	25	Pass
NVNT	be80	5775	Ant2	5774.958	-42000	-7.27	25	Pass
HVTN	be80	5775	Ant2	5774.959	-41000	-7.1	25	Pass
LVNT	be80	5775	Ant3	5774.959	-41000	-7.1	25	Pass
NVNT	be80	5775	Ant3	5774.958	-42000	-7.27	25	Pass
HVTN	be80	5775	Ant3	5774.959	-41000	-7.1	25	Pass
LVNT	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
NVNT	n20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
HVTN	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
LVNT	n20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
NVNT	n20	5180	Ant2	5179.92	-80000	-15.44	25	Pass
HVTN	n20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
LVNT	n20	5180	Ant3	5179.98	-20000	-3.86	25	Pass
NVNT	n20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
HVTN	n20	5180	Ant3	5179.98	-20000	-3.86	25	Pass
LVNT	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
NVNT	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass

HVTN	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
LVNT	n20	5200	Ant2	5199.94	-60000	-11.54	25	Pass
NVNT	n20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
HVTN	n20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
LVNT	n20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
NVNT	n20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
HVTN	n20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
LVNT	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
NVNT	n20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
HVTN	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
LVNT	n20	5240	Ant2	5239.92	-80000	-15.27	25	Pass
NVNT	n20	5240	Ant2	5239.92	-80000	-15.27	25	Pass
HVTN	n20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
LVNT	n20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
NVNT	n20	5240	Ant3	5239.98	-20000	-3.82	25	Pass
HVTN	n20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
LVNT	n20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
NVNT	n20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
HVTN	n20	5260	Ant1	5260	0	0	25	Pass
LVNT	n20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
NVNT	n20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
HVTN	n20	5260	Ant2	5259.92	-80000	-15.21	25	Pass
LVNT	n20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
NVNT	n20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
HVTN	n20	5260	Ant3	5259.94	-60000	-11.41	25	Pass
LVNT	n20	5280	Ant1	5279.98	-20000	-3.79	25	Pass
NVNT	n20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
HVTN	n20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
LVNT	n20	5280	Ant2	5279.96	-40000	-7.58	25	Pass
NVNT	n20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
HVTN	n20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
LVNT	n20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
NVNT	n20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
HVTN	n20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
LVNT	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
NVNT	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
HVTN	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
LVNT	n20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
NVNT	n20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
HVTN	n20	5320	Ant2	5319.98	-20000	-3.76	25	Pass
LVNT	n20	5320	Ant3	5319.94	-60000	-11.28	25	Pass
NVNT	n20	5320	Ant3	5319.98	-20000	-3.76	25	Pass

HVTN	n20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
LVNT	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
NVNT	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
HVTN	n20	5500	Ant1	5499.98	-20000	-3.64	25	Pass
LVNT	n20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
NVNT	n20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
HVTN	n20	5500	Ant2	5499.94	-60000	-10.91	25	Pass
LVNT	n20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
NVNT	n20	5500	Ant3	5499.92	-80000	-14.55	25	Pass
HVTN	n20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
LVNT	n20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
NVNT	n20	5580	Ant1	5579.9	-100000	-17.92	25	Pass
HVTN	n20	5580	Ant1	5579.98	-20000	-3.58	25	Pass
LVNT	n20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
NVNT	n20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
HVTN	n20	5580	Ant2	5579.98	-20000	-3.58	25	Pass
LVNT	n20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
NVNT	n20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
HVTN	n20	5580	Ant3	5579.98	-20000	-3.58	25	Pass
LVNT	n20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
NVNT	n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
HVTN	n20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
LVNT	n20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
NVNT	n20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
HVTN	n20	5700	Ant2	5699.92	-80000	-14.04	25	Pass
LVNT	n20	5700	Ant3	5699.96	-40000	-7.02	25	Pass
NVNT	n20	5700	Ant3	5699.92	-80000	-14.04	25	Pass
HVTN	n20	5700	Ant3	5699.96	-40000	-7.02	25	Pass
LVNT	n20	5745	Ant1	5745	0	0	25	Pass
NVNT	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
HVTN	n20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
LVNT	n20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
NVNT	n20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
HVTN	n20	5745	Ant2	5744.98	-20000	-3.48	25	Pass
LVNT	n20	5745	Ant3	5744.92	-80000	-13.93	25	Pass
NVNT	n20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
HVTN	n20	5745	Ant3	5744.98	-20000	-3.48	25	Pass
LVNT	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
NVNT	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
HVTN	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
LVNT	n20	5785	Ant2	5785	0	0	25	Pass
NVNT	n20	5785	Ant2	5784.96	-40000	-6.91	25	Pass

HVTN	n20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
LVNT	n20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
NVNT	n20	5785	Ant3	5784.92	-80000	-13.83	25	Pass
HVTN	n20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
LVNT	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
NVNT	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
HVTN	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
LVNT	n20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
NVNT	n20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
HVTN	n20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
LVNT	n20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
NVNT	n20	5825	Ant3	5824.94	-60000	-10.3	25	Pass
HVTN	n20	5825	Ant3	5824.94	-60000	-10.3	25	Pass
LVNT	n40	5190	Ant1	5190	0	0	25	Pass
NVNT	n40	5190	Ant1	5190	0	0	25	Pass
HVTN	n40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
LVNT	n40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
NVNT	n40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
HVTN	n40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
LVNT	n40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
NVNT	n40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
HVTN	n40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
LVNT	n40	5230	Ant1	5230	0	0	25	Pass
NVNT	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
HVTN	n40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
LVNT	n40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
NVNT	n40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
HVTN	n40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
LVNT	n40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
NVNT	n40	5230	Ant3	5230	0	0	25	Pass
HVTN	n40	5230	Ant3	5229.92	-80000	-15.3	25	Pass
LVNT	n40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
NVNT	n40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
HVTN	n40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
LVNT	n40	5270	Ant2	5269.92	-80000	-15.18	25	Pass
NVNT	n40	5270	Ant2	5270	0	0	25	Pass
HVTN	n40	5270	Ant2	5269.92	-80000	-15.18	25	Pass
LVNT	n40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
NVNT	n40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
HVTN	n40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
LVNT	n40	5310	Ant1	5310	0	0	25	Pass
NVNT	n40	5310	Ant1	5309.92	-80000	-15.07	25	Pass

HVTN	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
LVNT	n40	5310	Ant2	5310.04	40000	7.53	25	Pass
NVNT	n40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
HVTN	n40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
LVNT	n40	5310	Ant3	5309.92	-80000	-15.07	25	Pass
NVNT	n40	5310	Ant3	5309.92	-80000	-15.07	25	Pass
HVTN	n40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
LVNT	n40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
NVNT	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
HVTN	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
LVNT	n40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
NVNT	n40	5510	Ant2	5509.92	-80000	-14.52	25	Pass
HVTN	n40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
LVNT	n40	5510	Ant3	5510	0	0	25	Pass
NVNT	n40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
HVTN	n40	5510	Ant3	5510.04	40000	7.26	25	Pass
LVNT	n40	5550	Ant1	5549.92	-80000	-14.41	25	Pass
NVNT	n40	5550	Ant1	5549.92	-80000	-14.41	25	Pass
HVTN	n40	5550	Ant1	5549.92	-80000	-14.41	25	Pass
LVNT	n40	5550	Ant2	5550.08	80000	14.41	25	Pass
NVNT	n40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
HVTN	n40	5550	Ant2	5550.12	120000	21.62	25	Pass
LVNT	n40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
NVNT	n40	5550	Ant3	5550	0	0	25	Pass
HVTN	n40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
LVNT	n40	5670	Ant1	5670	0	0	25	Pass
NVNT	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
HVTN	n40	5670	Ant1	5670	0	0	25	Pass
LVNT	n40	5670	Ant2	5670	0	0	25	Pass
NVNT	n40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
HVTN	n40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
LVNT	n40	5670	Ant3	5670.08	80000	14.11	25	Pass
NVNT	n40	5670	Ant3	5670.04	40000	7.05	25	Pass
HVTN	n40	5670	Ant3	5669.92	-80000	-14.11	25	Pass
LVNT	n40	5755	Ant1	5755	0	0	25	Pass
NVNT	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
HVTN	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
LVNT	n40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
NVNT	n40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
HVTN	n40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
LVNT	n40	5755	Ant3	5755	0	0	25	Pass
NVNT	n40	5755	Ant3	5754.96	-40000	-6.95	25	Pass

HVTN	n40	5755	Ant3	5755	0	0	25	Pass
LVNT	n40	5795	Ant1	5795	0	0	25	Pass
NVNT	n40	5795	Ant1	5795	0	0	25	Pass
HVTN	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
LVNT	n40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
NVNT	n40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
HVTN	n40	5795	Ant2	5795	0	0	25	Pass
LVNT	n40	5795	Ant3	5795	0	0	25	Pass
NVNT	n40	5795	Ant3	5794.92	-80000	-13.81	25	Pass
HVTN	n40	5795	Ant3	5794.96	-40000	-6.9	25	Pass

Normal Voltage

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
0°C	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10°C	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
30°C	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
40°C	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
0°C	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
10°C	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
30°C	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
40°C	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
0°C	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
10°C	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
30°C	a	5240	Ant1	5239.96	-40000	-7.63	25	Pass
40°C	a	5240	Ant1	5240	0	0	25	Pass
0°C	a	5260	Ant1	5259.96	-40000	-7.6	25	Pass
10°C	a	5260	Ant1	5259.94	-60000	-11.41	25	Pass
30°C	a	5260	Ant1	5260	0	0	25	Pass
40°C	a	5260	Ant1	5259.98	-20000	-3.8	25	Pass
0°C	a	5280	Ant1	5279.98	-20000	-3.79	25	Pass
10°C	a	5280	Ant1	5279.96	-40000	-7.58	25	Pass
30°C	a	5280	Ant1	5279.96	-40000	-7.58	25	Pass
40°C	a	5280	Ant1	5280	0	0	25	Pass
0°C	a	5320	Ant1	5319.94	-60000	-11.28	25	Pass
10°C	a	5320	Ant1	5319.98	-20000	-3.76	25	Pass
30°C	a	5320	Ant1	5319.96	-40000	-7.52	25	Pass
40°C	a	5320	Ant1	5319.94	-60000	-11.28	25	Pass
0°C	a	5500	Ant1	5499.96	-40000	-7.27	25	Pass
10°C	a	5500	Ant1	5499.98	-20000	-3.64	25	Pass

30°C	a	5500	Ant1	5499.96	-40000	-7.27	25	Pass
40°C	a	5500	Ant1	5499.96	-40000	-7.27	25	Pass
0°C	a	5580	Ant1	5579.94	-60000	-10.75	25	Pass
10°C	a	5580	Ant1	5579.98	-20000	-3.58	25	Pass
30°C	a	5580	Ant1	5579.94	-60000	-10.75	25	Pass
40°C	a	5580	Ant1	5579.98	-20000	-3.58	25	Pass
0°C	a	5700	Ant1	5699.98	-20000	-3.51	25	Pass
10°C	a	5700	Ant1	5699.98	-20000	-3.51	25	Pass
30°C	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
40°C	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
0°C	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
10°C	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
30°C	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
40°C	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
0°C	a	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10°C	a	5785	Ant1	5784.96	-40000	-6.91	25	Pass
30°C	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
40°C	a	5785	Ant1	5784.96	-40000	-6.91	25	Pass
0°C	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
10°C	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
30°C	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
40°C	a	5825	Ant1	5824.98	-20000	-3.43	25	Pass
0°C	a	5180	Ant2	5179.98	-20000	-3.86	25	Pass
10°C	a	5180	Ant2	5179.98	-20000	-3.86	25	Pass
30°C	a	5180	Ant2	5179.96	-40000	-7.72	25	Pass
40°C	a	5180	Ant2	5179.98	-20000	-3.86	25	Pass
0°C	a	5200	Ant2	5199.96	-40000	-7.69	25	Pass
10°C	a	5200	Ant2	5199.94	-60000	-11.54	25	Pass
30°C	a	5200	Ant2	5199.96	-40000	-7.69	25	Pass
40°C	a	5200	Ant2	5199.94	-60000	-11.54	25	Pass
0°C	a	5240	Ant2	5239.94	-60000	-11.45	25	Pass
10°C	a	5240	Ant2	5239.96	-40000	-7.63	25	Pass
30°C	a	5240	Ant2	5239.98	-20000	-3.82	25	Pass
40°C	a	5240	Ant2	5239.96	-40000	-7.63	25	Pass
0°C	a	5260	Ant2	5259.96	-40000	-7.6	25	Pass
10°C	a	5260	Ant2	5259.98	-20000	-3.8	25	Pass
30°C	a	5260	Ant2	5259.96	-40000	-7.6	25	Pass
40°C	a	5260	Ant2	5259.94	-60000	-11.41	25	Pass
0°C	a	5280	Ant2	5279.96	-40000	-7.58	25	Pass
10°C	a	5280	Ant2	5279.96	-40000	-7.58	25	Pass
30°C	a	5280	Ant2	5279.98	-20000	-3.79	25	Pass
40°C	a	5280	Ant2	5279.98	-20000	-3.79	25	Pass

0°C	a	5320	Ant2	5319.96	-40000	-7.52	25	Pass
10°C	a	5320	Ant2	5319.96	-40000	-7.52	25	Pass
30°C	a	5320	Ant2	5319.94	-60000	-11.28	25	Pass
40°C	a	5320	Ant2	5319.96	-40000	-7.52	25	Pass
0°C	a	5500	Ant2	5499.96	-40000	-7.27	25	Pass
10°C	a	5500	Ant2	5499.94	-60000	-10.91	25	Pass
30°C	a	5500	Ant2	5499.96	-40000	-7.27	25	Pass
40°C	a	5500	Ant2	5499.94	-60000	-10.91	25	Pass
0°C	a	5580	Ant2	5579.96	-40000	-7.17	25	Pass
10°C	a	5580	Ant2	5579.96	-40000	-7.17	25	Pass
30°C	a	5580	Ant2	5579.96	-40000	-7.17	25	Pass
40°C	a	5580	Ant2	5579.96	-40000	-7.17	25	Pass
0°C	a	5700	Ant2	5699.98	-20000	-3.51	25	Pass
10°C	a	5700	Ant2	5699.98	-20000	-3.51	25	Pass
30°C	a	5700	Ant2	5699.96	-40000	-7.02	25	Pass
40°C	a	5700	Ant2	5699.96	-40000	-7.02	25	Pass
0°C	a	5745	Ant2	5744.96	-40000	-6.96	25	Pass
10°C	a	5745	Ant2	5744.96	-40000	-6.96	25	Pass
30°C	a	5745	Ant2	5744.96	-40000	-6.96	25	Pass
40°C	a	5745	Ant2	5744.94	-60000	-10.44	25	Pass
0°C	a	5785	Ant2	5784.98	-20000	-3.46	25	Pass
10°C	a	5785	Ant2	5784.98	-20000	-3.46	25	Pass
30°C	a	5785	Ant2	5784.96	-40000	-6.91	25	Pass
40°C	a	5785	Ant2	5784.98	-20000	-3.46	25	Pass
0°C	a	5825	Ant2	5824.94	-60000	-10.3	25	Pass
10°C	a	5825	Ant2	5824.98	-20000	-3.43	25	Pass
30°C	a	5825	Ant2	5824.96	-40000	-6.87	25	Pass
40°C	a	5825	Ant2	5824.96	-40000	-6.87	25	Pass
0°C	a	5180	Ant3	5179.96	-40000	-7.72	25	Pass
10°C	a	5180	Ant3	5179.96	-40000	-7.72	25	Pass
30°C	a	5180	Ant3	5179.98	-20000	-3.86	25	Pass
40°C	a	5180	Ant3	5179.98	-20000	-3.86	25	Pass
0°C	a	5200	Ant3	5199.96	-40000	-7.69	25	Pass
10°C	a	5200	Ant3	5199.94	-60000	-11.54	25	Pass
30°C	a	5200	Ant3	5199.96	-40000	-7.69	25	Pass
40°C	a	5200	Ant3	5199.98	-20000	-3.85	25	Pass
0°C	a	5240	Ant3	5239.96	-40000	-7.63	25	Pass
10°C	a	5240	Ant3	5239.98	-20000	-3.82	25	Pass
30°C	a	5240	Ant3	5239.96	-40000	-7.63	25	Pass
40°C	a	5240	Ant3	5239.96	-40000	-7.63	25	Pass
0°C	a	5260	Ant3	5259.96	-40000	-7.6	25	Pass
10°C	a	5260	Ant3	5259.96	-40000	-7.6	25	Pass

30°C	a	5260	Ant3	5259.96	-40000	-7.6	25	Pass
40°C	a	5260	Ant3	5259.96	-40000	-7.6	25	Pass
0°C	a	5280	Ant3	5279.98	-20000	-3.79	25	Pass
10°C	a	5280	Ant3	5279.96	-40000	-7.58	25	Pass
30°C	a	5280	Ant3	5279.96	-40000	-7.58	25	Pass
40°C	a	5280	Ant3	5279.94	-60000	-11.36	25	Pass
0°C	a	5320	Ant3	5319.94	-60000	-11.28	25	Pass
10°C	a	5320	Ant3	5319.94	-60000	-11.28	25	Pass
30°C	a	5320	Ant3	5319.94	-60000	-11.28	25	Pass
40°C	a	5320	Ant3	5319.96	-40000	-7.52	25	Pass
0°C	a	5500	Ant3	5499.96	-40000	-7.27	25	Pass
10°C	a	5500	Ant3	5499.94	-60000	-10.91	25	Pass
30°C	a	5500	Ant3	5500	0	0	25	Pass
40°C	a	5500	Ant3	5499.98	-20000	-3.64	25	Pass
0°C	a	5580	Ant3	5579.96	-40000	-7.17	25	Pass
10°C	a	5580	Ant3	5579.98	-20000	-3.58	25	Pass
30°C	a	5580	Ant3	5579.96	-40000	-7.17	25	Pass
40°C	a	5580	Ant3	5579.94	-60000	-10.75	25	Pass
0°C	a	5700	Ant3	5699.94	-60000	-10.53	25	Pass
10°C	a	5700	Ant3	5699.94	-60000	-10.53	25	Pass
30°C	a	5700	Ant3	5699.98	-20000	-3.51	25	Pass
40°C	a	5700	Ant3	5699.96	-40000	-7.02	25	Pass
0°C	a	5745	Ant3	5744.96	-40000	-6.96	25	Pass
10°C	a	5745	Ant3	5744.96	-40000	-6.96	25	Pass
30°C	a	5745	Ant3	5744.96	-40000	-6.96	25	Pass
40°C	a	5745	Ant3	5744.96	-40000	-6.96	25	Pass
0°C	a	5785	Ant3	5784.96	-40000	-6.91	25	Pass
10°C	a	5785	Ant3	5784.96	-40000	-6.91	25	Pass
30°C	a	5785	Ant3	5784.92	-80000	-13.83	25	Pass
40°C	a	5785	Ant3	5784.94	-60000	-10.37	25	Pass
0°C	a	5825	Ant3	5824.96	-40000	-6.87	25	Pass
10°C	a	5825	Ant3	5824.96	-40000	-6.87	25	Pass
30°C	a	5825	Ant3	5824.96	-40000	-6.87	25	Pass
40°C	a	5825	Ant3	5824.96	-40000	-6.87	25	Pass
0°C	ac160	5250	Ant1	5249.964	-36000	-6.86	25	Pass
10°C	ac160	5250	Ant1	5249.964	-36000	-6.86	25	Pass
30°C	ac160	5250	Ant1	5249.964	-36000	-6.86	25	Pass
40°C	ac160	5250	Ant1	5249.964	-36000	-6.86	25	Pass
0°C	ac160	5250	Ant2	5249.965	-35000	-6.67	25	Pass
10°C	ac160	5250	Ant2	5249.964	-36000	-6.86	25	Pass
30°C	ac160	5250	Ant2	5249.963	-37000	-7.05	25	Pass
40°C	ac160	5250	Ant2	5249.965	-35000	-6.67	25	Pass

0°C	ac160	5250	Ant3	5249.964	-36000	-6.86	25	Pass
10°C	ac160	5250	Ant3	5249.964	-36000	-6.86	25	Pass
30°C	ac160	5250	Ant3	5249.965	-35000	-6.67	25	Pass
40°C	ac160	5250	Ant3	5249.964	-36000	-6.86	25	Pass
0°C	ac160	5570	Ant1	5569.961	-39000	-7	25	Pass
10°C	ac160	5570	Ant1	5569.962	-38000	-6.82	25	Pass
30°C	ac160	5570	Ant1	5569.96	-40000	-7.18	25	Pass
40°C	ac160	5570	Ant1	5569.961	-39000	-7	25	Pass
0°C	ac160	5570	Ant2	5569.962	-38000	-6.82	25	Pass
10°C	ac160	5570	Ant2	5569.963	-37000	-6.64	25	Pass
30°C	ac160	5570	Ant2	5569.963	-37000	-6.64	25	Pass
40°C	ac160	5570	Ant2	5569.96	-40000	-7.18	25	Pass
0°C	ac160	5570	Ant3	5569.962	-38000	-6.82	25	Pass
10°C	ac160	5570	Ant3	5569.963	-37000	-6.64	25	Pass
30°C	ac160	5570	Ant3	5569.963	-37000	-6.64	25	Pass
40°C	ac160	5570	Ant3	5569.962	-38000	-6.82	25	Pass
0°C	ac20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
10°C	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
30°C	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
40°C	ac20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
0°C	ac20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
10°C	ac20	5180	Ant2	5179.98	-20000	-3.86	25	Pass
30°C	ac20	5180	Ant2	5179.98	-20000	-3.86	25	Pass
40°C	ac20	5180	Ant2	5179.98	-20000	-3.86	25	Pass
0°C	ac20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
10°C	ac20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
30°C	ac20	5180	Ant3	5179.98	-20000	-3.86	25	Pass
40°C	ac20	5180	Ant3	5179.98	-20000	-3.86	25	Pass
0°C	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
10°C	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
30°C	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
40°C	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
0°C	ac20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
10°C	ac20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
30°C	ac20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
40°C	ac20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
0°C	ac20	5200	Ant3	5199.92	-80000	-15.38	25	Pass
10°C	ac20	5200	Ant3	5199.98	-20000	-3.85	25	Pass
30°C	ac20	5200	Ant3	5199.94	-60000	-11.54	25	Pass
40°C	ac20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
0°C	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
10°C	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass

30°C	ac20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
40°C	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
0°C	ac20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
10°C	ac20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
30°C	ac20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
40°C	ac20	5240	Ant2	5240	0	0	25	Pass
0°C	ac20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
10°C	ac20	5240	Ant3	5239.98	-20000	-3.82	25	Pass
30°C	ac20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
40°C	ac20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
0°C	ac20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
10°C	ac20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
30°C	ac20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
40°C	ac20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
0°C	ac20	5260	Ant2	5259.98	-20000	-3.8	25	Pass
10°C	ac20	5260	Ant2	5259.98	-20000	-3.8	25	Pass
30°C	ac20	5260	Ant2	5259.98	-20000	-3.8	25	Pass
40°C	ac20	5260	Ant2	5259.98	-20000	-3.8	25	Pass
0°C	ac20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
10°C	ac20	5260	Ant3	5259.94	-60000	-11.41	25	Pass
30°C	ac20	5260	Ant3	5259.94	-60000	-11.41	25	Pass
40°C	ac20	5260	Ant3	5259.92	-80000	-15.21	25	Pass
0°C	ac20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
10°C	ac20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
30°C	ac20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
40°C	ac20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
0°C	ac20	5280	Ant2	5279.98	-20000	-3.79	25	Pass
10°C	ac20	5280	Ant2	5279.98	-20000	-3.79	25	Pass
30°C	ac20	5280	Ant2	5279.98	-20000	-3.79	25	Pass
40°C	ac20	5280	Ant2	5279.96	-40000	-7.58	25	Pass
0°C	ac20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
10°C	ac20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
30°C	ac20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
40°C	ac20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
0°C	ac20	5320	Ant1	5319.98	-20000	-3.76	25	Pass
10°C	ac20	5320	Ant1	5319.98	-20000	-3.76	25	Pass
30°C	ac20	5320	Ant1	5320	0	0	25	Pass
40°C	ac20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
0°C	ac20	5320	Ant2	5319.98	-20000	-3.76	25	Pass
10°C	ac20	5320	Ant2	5319.98	-20000	-3.76	25	Pass
30°C	ac20	5320	Ant2	5319.98	-20000	-3.76	25	Pass
40°C	ac20	5320	Ant2	5319.96	-40000	-7.52	25	Pass

0°C	ac20	5320	Ant3	5319.94	-60000	-11.28	25	Pass
10°C	ac20	5320	Ant3	5319.98	-20000	-3.76	25	Pass
30°C	ac20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
40°C	ac20	5320	Ant3	5319.94	-60000	-11.28	25	Pass
0°C	ac20	5500	Ant1	5499.98	-20000	-3.64	25	Pass
10°C	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
30°C	ac20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
40°C	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
0°C	ac20	5500	Ant2	5499.98	-20000	-3.64	25	Pass
10°C	ac20	5500	Ant2	5499.98	-20000	-3.64	25	Pass
30°C	ac20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
40°C	ac20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
0°C	ac20	5500	Ant3	5499.94	-60000	-10.91	25	Pass
10°C	ac20	5500	Ant3	5499.92	-80000	-14.55	25	Pass
30°C	ac20	5500	Ant3	5499.92	-80000	-14.55	25	Pass
40°C	ac20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
0°C	ac20	5580	Ant1	5579.94	-60000	-10.75	25	Pass
10°C	ac20	5580	Ant1	5579.98	-20000	-3.58	25	Pass
30°C	ac20	5580	Ant1	5579.94	-60000	-10.75	25	Pass
40°C	ac20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
0°C	ac20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
10°C	ac20	5580	Ant2	5579.98	-20000	-3.58	25	Pass
30°C	ac20	5580	Ant2	5579.98	-20000	-3.58	25	Pass
40°C	ac20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
0°C	ac20	5580	Ant3	5579.94	-60000	-10.75	25	Pass
10°C	ac20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
30°C	ac20	5580	Ant3	5579.94	-60000	-10.75	25	Pass
40°C	ac20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
0°C	ac20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
10°C	ac20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
30°C	ac20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
40°C	ac20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
0°C	ac20	5700	Ant2	5699.94	-60000	-10.53	25	Pass
10°C	ac20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
30°C	ac20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
40°C	ac20	5700	Ant2	5699.98	-20000	-3.51	25	Pass
0°C	ac20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
10°C	ac20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
30°C	ac20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
40°C	ac20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
0°C	ac20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
10°C	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass

30°C	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
40°C	ac20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
0°C	ac20	5745	Ant2	5744.98	-20000	-3.48	25	Pass
10°C	ac20	5745	Ant2	5744.92	-80000	-13.93	25	Pass
30°C	ac20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
40°C	ac20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
0°C	ac20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
10°C	ac20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
30°C	ac20	5745	Ant3	5744.94	-60000	-10.44	25	Pass
40°C	ac20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
0°C	ac20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
10°C	ac20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
30°C	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
40°C	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
0°C	ac20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
10°C	ac20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
30°C	ac20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
40°C	ac20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
0°C	ac20	5785	Ant3	5784.94	-60000	-10.37	25	Pass
10°C	ac20	5785	Ant3	5784.94	-60000	-10.37	25	Pass
30°C	ac20	5785	Ant3	5784.98	-20000	-3.46	25	Pass
40°C	ac20	5785	Ant3	5784.94	-60000	-10.37	25	Pass
0°C	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
10°C	ac20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
30°C	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
40°C	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
0°C	ac20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
10°C	ac20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
30°C	ac20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
40°C	ac20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
0°C	ac20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
10°C	ac20	5825	Ant3	5824.98	-20000	-3.43	25	Pass
30°C	ac20	5825	Ant3	5824.92	-80000	-13.73	25	Pass
40°C	ac20	5825	Ant3	5824.92	-80000	-13.73	25	Pass
0°C	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10°C	ac40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
30°C	ac40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
40°C	ac40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
0°C	ac40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
10°C	ac40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
30°C	ac40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
40°C	ac40	5190	Ant2	5189.88	-120000	-23.12	25	Pass

0°C	ac40	5190	Ant3	5189.92	-80000	-15.41	25	Pass
10°C	ac40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
30°C	ac40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
40°C	ac40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
0°C	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
10°C	ac40	5230	Ant1	5230	0	0	25	Pass
30°C	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40°C	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
0°C	ac40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
10°C	ac40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
30°C	ac40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
40°C	ac40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
0°C	ac40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
10°C	ac40	5230	Ant3	5229.92	-80000	-15.3	25	Pass
30°C	ac40	5230	Ant3	5230	0	0	25	Pass
40°C	ac40	5230	Ant3	5229.92	-80000	-15.3	25	Pass
0°C	ac40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
10°C	ac40	5270	Ant1	5270	0	0	25	Pass
30°C	ac40	5270	Ant1	5269.88	-120000	-22.77	25	Pass
40°C	ac40	5270	Ant1	5270.04	40000	7.59	25	Pass
0°C	ac40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
10°C	ac40	5270	Ant2	5269.92	-80000	-15.18	25	Pass
30°C	ac40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
40°C	ac40	5270	Ant2	5270.12	120000	22.77	25	Pass
0°C	ac40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
10°C	ac40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
30°C	ac40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
40°C	ac40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
0°C	ac40	5310	Ant1	5310	0	0	25	Pass
10°C	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
30°C	ac40	5310	Ant1	5310	0	0	25	Pass
40°C	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
0°C	ac40	5310	Ant2	5310	0	0	25	Pass
10°C	ac40	5310	Ant2	5309.92	-80000	-15.07	25	Pass
30°C	ac40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
40°C	ac40	5310	Ant2	5309.92	-80000	-15.07	25	Pass
0°C	ac40	5310	Ant3	5309.92	-80000	-15.07	25	Pass
10°C	ac40	5310	Ant3	5309.92	-80000	-15.07	25	Pass
30°C	ac40	5310	Ant3	5310	0	0	25	Pass
40°C	ac40	5310	Ant3	5309.92	-80000	-15.07	25	Pass
0°C	ac40	5510	Ant1	5510	0	0	25	Pass
10°C	ac40	5510	Ant1	5510	0	0	25	Pass

30°C	ac40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
40°C	ac40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
0°C	ac40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
10°C	ac40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
30°C	ac40	5510	Ant2	5510	0	0	25	Pass
40°C	ac40	5510	Ant2	5510	0	0	25	Pass
0°C	ac40	5510	Ant3	5510	0	0	25	Pass
10°C	ac40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
30°C	ac40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
40°C	ac40	5510	Ant3	5510	0	0	25	Pass
0°C	ac40	5550	Ant1	5549.92	-80000	-14.41	25	Pass
10°C	ac40	5550	Ant1	5550	0	0	25	Pass
30°C	ac40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
40°C	ac40	5550	Ant1	5550	0	0	25	Pass
0°C	ac40	5550	Ant2	5549.88	-120000	-21.62	25	Pass
10°C	ac40	5550	Ant2	5549.92	-80000	-14.41	25	Pass
30°C	ac40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
40°C	ac40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
0°C	ac40	5550	Ant3	5549.92	-80000	-14.41	25	Pass
10°C	ac40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
30°C	ac40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
40°C	ac40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
0°C	ac40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
10°C	ac40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
30°C	ac40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
40°C	ac40	5670	Ant1	5670	0	0	25	Pass
0°C	ac40	5670	Ant2	5669.92	-80000	-14.11	25	Pass
10°C	ac40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
30°C	ac40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
40°C	ac40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
0°C	ac40	5670	Ant3	5669.92	-80000	-14.11	25	Pass
10°C	ac40	5670	Ant3	5670.08	80000	14.11	25	Pass
30°C	ac40	5670	Ant3	5669.92	-80000	-14.11	25	Pass
40°C	ac40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
0°C	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
10°C	ac40	5755	Ant1	5754.88	-120000	-20.85	25	Pass
30°C	ac40	5755	Ant1	5755	0	0	25	Pass
40°C	ac40	5755	Ant1	5754.88	-120000	-20.85	25	Pass
0°C	ac40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
10°C	ac40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
30°C	ac40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
40°C	ac40	5755	Ant2	5754.96	-40000	-6.95	25	Pass

0°C	ac40	5755	Ant3	5754.92	-80000	-13.9	25	Pass
10°C	ac40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
30°C	ac40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
40°C	ac40	5755	Ant3	5754.92	-80000	-13.9	25	Pass
0°C	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
10°C	ac40	5795	Ant1	5795	0	0	25	Pass
30°C	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
40°C	ac40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
0°C	ac40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
10°C	ac40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
30°C	ac40	5795	Ant2	5795	0	0	25	Pass
40°C	ac40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
0°C	ac40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
10°C	ac40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
30°C	ac40	5795	Ant3	5794.92	-80000	-13.81	25	Pass
40°C	ac40	5795	Ant3	5795	0	0	25	Pass
0°C	ac80	5210	Ant1	5209.964	-36000	-6.91	25	Pass
10°C	ac80	5210	Ant1	5209.964	-36000	-6.91	25	Pass
30°C	ac80	5210	Ant1	5209.964	-36000	-6.91	25	Pass
40°C	ac80	5210	Ant1	5209.964	-36000	-6.91	25	Pass
0°C	ac80	5210	Ant2	5209.964	-36000	-6.91	25	Pass
10°C	ac80	5210	Ant2	5209.964	-36000	-6.91	25	Pass
30°C	ac80	5210	Ant2	5209.964	-36000	-6.91	25	Pass
40°C	ac80	5210	Ant2	5209.964	-36000	-6.91	25	Pass
0°C	ac80	5210	Ant3	5209.964	-36000	-6.91	25	Pass
10°C	ac80	5210	Ant3	5209.964	-36000	-6.91	25	Pass
30°C	ac80	5210	Ant3	5209.964	-36000	-6.91	25	Pass
40°C	ac80	5210	Ant3	5209.964	-36000	-6.91	25	Pass
0°C	ac80	5290	Ant1	5289.964	-36000	-6.81	25	Pass
10°C	ac80	5290	Ant1	5289.964	-36000	-6.81	25	Pass
30°C	ac80	5290	Ant1	5289.964	-36000	-6.81	25	Pass
40°C	ac80	5290	Ant1	5289.964	-36000	-6.81	25	Pass
0°C	ac80	5290	Ant2	5289.964	-36000	-6.81	25	Pass
10°C	ac80	5290	Ant2	5289.964	-36000	-6.81	25	Pass
30°C	ac80	5290	Ant2	5289.964	-36000	-6.81	25	Pass
40°C	ac80	5290	Ant2	5289.964	-36000	-6.81	25	Pass
0°C	ac80	5290	Ant3	5289.964	-36000	-6.81	25	Pass
10°C	ac80	5290	Ant3	5289.964	-36000	-6.81	25	Pass
30°C	ac80	5290	Ant3	5289.963	-37000	-6.99	25	Pass
40°C	ac80	5290	Ant3	5289.964	-36000	-6.81	25	Pass
0°C	ac80	5530	Ant1	5529.962	-38000	-6.87	25	Pass
10°C	ac80	5530	Ant1	5529.962	-38000	-6.87	25	Pass

30°C	ac80	5530	Ant1	5529.962	-38000	-6.87	25	Pass
40°C	ac80	5530	Ant1	5529.962	-38000	-6.87	25	Pass
0°C	ac80	5530	Ant2	5529.962	-38000	-6.87	25	Pass
10°C	ac80	5530	Ant2	5529.962	-38000	-6.87	25	Pass
30°C	ac80	5530	Ant2	5529.961	-39000	-7.05	25	Pass
40°C	ac80	5530	Ant2	5529.961	-39000	-7.05	25	Pass
0°C	ac80	5530	Ant3	5529.962	-38000	-6.87	25	Pass
10°C	ac80	5530	Ant3	5529.962	-38000	-6.87	25	Pass
30°C	ac80	5530	Ant3	5529.961	-39000	-7.05	25	Pass
40°C	ac80	5530	Ant3	5529.962	-38000	-6.87	25	Pass
0°C	ac80	5610	Ant1	5609.961	-39000	-6.95	25	Pass
10°C	ac80	5610	Ant1	5609.961	-39000	-6.95	25	Pass
30°C	ac80	5610	Ant1	5609.961	-39000	-6.95	25	Pass
40°C	ac80	5610	Ant1	5609.961	-39000	-6.95	25	Pass
0°C	ac80	5610	Ant2	5609.96	-40000	-7.13	25	Pass
10°C	ac80	5610	Ant2	5609.96	-40000	-7.13	25	Pass
30°C	ac80	5610	Ant2	5609.961	-39000	-6.95	25	Pass
40°C	ac80	5610	Ant2	5609.961	-39000	-6.95	25	Pass
0°C	ac80	5610	Ant3	5609.96	-40000	-7.13	25	Pass
10°C	ac80	5610	Ant3	5609.96	-40000	-7.13	25	Pass
30°C	ac80	5610	Ant3	5609.96	-40000	-7.13	25	Pass
40°C	ac80	5610	Ant3	5609.96	-40000	-7.13	25	Pass
0°C	ac80	5775	Ant1	5774.961	-39000	-6.75	25	Pass
10°C	ac80	5775	Ant1	5774.961	-39000	-6.75	25	Pass
30°C	ac80	5775	Ant1	5774.961	-39000	-6.75	25	Pass
40°C	ac80	5775	Ant1	5774.961	-39000	-6.75	25	Pass
0°C	ac80	5775	Ant2	5774.961	-39000	-6.75	25	Pass
10°C	ac80	5775	Ant2	5774.961	-39000	-6.75	25	Pass
30°C	ac80	5775	Ant2	5774.961	-39000	-6.75	25	Pass
40°C	ac80	5775	Ant2	5774.961	-39000	-6.75	25	Pass
0°C	ac80	5775	Ant3	5774.961	-39000	-6.75	25	Pass
10°C	ac80	5775	Ant3	5774.961	-39000	-6.75	25	Pass
30°C	ac80	5775	Ant3	5774.961	-39000	-6.75	25	Pass
40°C	ac80	5775	Ant3	5774.961	-39000	-6.75	25	Pass
0°C	ax160	5250	Ant1	5249.966	-34000	-6.48	25	Pass
10°C	ax160	5250	Ant1	5249.966	-34000	-6.48	25	Pass
30°C	ax160	5250	Ant1	5249.967	-33000	-6.29	25	Pass
40°C	ax160	5250	Ant1	5249.967	-33000	-6.29	25	Pass
0°C	ax160	5250	Ant2	5249.966	-34000	-6.48	25	Pass
10°C	ax160	5250	Ant2	5249.967	-33000	-6.29	25	Pass
30°C	ax160	5250	Ant2	5249.966	-34000	-6.48	25	Pass
40°C	ax160	5250	Ant2	5249.966	-34000	-6.48	25	Pass

0°C	ax160	5250	Ant3	5249.966	-34000	-6.48	25	Pass
10°C	ax160	5250	Ant3	5249.966	-34000	-6.48	25	Pass
30°C	ax160	5250	Ant3	5249.966	-34000	-6.48	25	Pass
40°C	ax160	5250	Ant3	5249.966	-34000	-6.48	25	Pass
0°C	ax160	5570	Ant1	5569.964	-36000	-6.46	25	Pass
10°C	ax160	5570	Ant1	5569.964	-36000	-6.46	25	Pass
30°C	ax160	5570	Ant1	5569.963	-37000	-6.64	25	Pass
40°C	ax160	5570	Ant1	5569.964	-36000	-6.46	25	Pass
0°C	ax160	5570	Ant2	5569.964	-36000	-6.46	25	Pass
10°C	ax160	5570	Ant2	5569.964	-36000	-6.46	25	Pass
30°C	ax160	5570	Ant2	5569.964	-36000	-6.46	25	Pass
40°C	ax160	5570	Ant2	5569.964	-36000	-6.46	25	Pass
0°C	ax160	5570	Ant3	5569.963	-37000	-6.64	25	Pass
10°C	ax160	5570	Ant3	5569.964	-36000	-6.46	25	Pass
30°C	ax160	5570	Ant3	5569.964	-36000	-6.46	25	Pass
40°C	ax160	5570	Ant3	5569.964	-36000	-6.46	25	Pass
0°C	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10°C	ax20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
30°C	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
40°C	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
0°C	ax20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
10°C	ax20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
30°C	ax20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
40°C	ax20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
0°C	ax20	5180	Ant3	5179.98	-20000	-3.86	25	Pass
10°C	ax20	5180	Ant3	5179.92	-80000	-15.44	25	Pass
30°C	ax20	5180	Ant3	5179.94	-60000	-11.58	25	Pass
40°C	ax20	5180	Ant3	5179.94	-60000	-11.58	25	Pass
0°C	ax20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
10°C	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
30°C	ax20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
40°C	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
0°C	ax20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
10°C	ax20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
30°C	ax20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
40°C	ax20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
0°C	ax20	5200	Ant3	5199.92	-80000	-15.38	25	Pass
10°C	ax20	5200	Ant3	5199.9	-100000	-19.23	25	Pass
30°C	ax20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
40°C	ax20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
0°C	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
10°C	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass

30°C	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
40°C	ax20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
0°C	ax20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
10°C	ax20	5240	Ant2	5239.94	-60000	-11.45	25	Pass
30°C	ax20	5240	Ant2	5239.94	-60000	-11.45	25	Pass
40°C	ax20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
0°C	ax20	5240	Ant3	5239.98	-20000	-3.82	25	Pass
10°C	ax20	5240	Ant3	5239.98	-20000	-3.82	25	Pass
30°C	ax20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
40°C	ax20	5240	Ant3	5239.98	-20000	-3.82	25	Pass
0°C	ax20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
10°C	ax20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
30°C	ax20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
40°C	ax20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
0°C	ax20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
10°C	ax20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
30°C	ax20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
40°C	ax20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
0°C	ax20	5260	Ant3	5259.98	-20000	-3.8	25	Pass
10°C	ax20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
30°C	ax20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
40°C	ax20	5260	Ant3	5259.94	-60000	-11.41	25	Pass
0°C	ax20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
10°C	ax20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
30°C	ax20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
40°C	ax20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
0°C	ax20	5280	Ant2	5279.96	-40000	-7.58	25	Pass
10°C	ax20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
30°C	ax20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
40°C	ax20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
0°C	ax20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
10°C	ax20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
30°C	ax20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
40°C	ax20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
0°C	ax20	5320	Ant1	5319.98	-20000	-3.76	25	Pass
10°C	ax20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
30°C	ax20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
40°C	ax20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
0°C	ax20	5320	Ant2	5319.98	-20000	-3.76	25	Pass
10°C	ax20	5320	Ant2	5319.98	-20000	-3.76	25	Pass
30°C	ax20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
40°C	ax20	5320	Ant2	5319.94	-60000	-11.28	25	Pass

0°C	ax20	5320	Ant3	5319.94	-60000	-11.28	25	Pass
10°C	ax20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
30°C	ax20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
40°C	ax20	5320	Ant3	5320	0	0	25	Pass
0°C	ax20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
10°C	ax20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
30°C	ax20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
40°C	ax20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
0°C	ax20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
10°C	ax20	5500	Ant2	5499.98	-20000	-3.64	25	Pass
30°C	ax20	5500	Ant2	5499.92	-80000	-14.55	25	Pass
40°C	ax20	5500	Ant2	5500.02	20000	3.64	25	Pass
0°C	ax20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
10°C	ax20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
30°C	ax20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
40°C	ax20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
0°C	ax20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
10°C	ax20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
30°C	ax20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
40°C	ax20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
0°C	ax20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
10°C	ax20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
30°C	ax20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
40°C	ax20	5580	Ant2	5579.98	-20000	-3.58	25	Pass
0°C	ax20	5580	Ant3	5580	0	0	25	Pass
10°C	ax20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
30°C	ax20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
40°C	ax20	5580	Ant3	5579.98	-20000	-3.58	25	Pass
0°C	ax20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
10°C	ax20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
30°C	ax20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
40°C	ax20	5700	Ant1	5699.98	-20000	-3.51	25	Pass
0°C	ax20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
10°C	ax20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
30°C	ax20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
40°C	ax20	5700	Ant2	5699.98	-20000	-3.51	25	Pass
0°C	ax20	5700	Ant3	5699.96	-40000	-7.02	25	Pass
10°C	ax20	5700	Ant3	5699.9	-100000	-17.54	25	Pass
30°C	ax20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
40°C	ax20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
0°C	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
10°C	ax20	5745	Ant1	5744.98	-20000	-3.48	25	Pass

30°C	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
40°C	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
0°C	ax20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
10°C	ax20	5745	Ant2	5744.98	-20000	-3.48	25	Pass
30°C	ax20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
40°C	ax20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
0°C	ax20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
10°C	ax20	5745	Ant3	5744.98	-20000	-3.48	25	Pass
30°C	ax20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
40°C	ax20	5745	Ant3	5744.94	-60000	-10.44	25	Pass
0°C	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10°C	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
30°C	ax20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
40°C	ax20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
0°C	ax20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
10°C	ax20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
30°C	ax20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
40°C	ax20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
0°C	ax20	5785	Ant3	5784.88	-120000	-20.74	25	Pass
10°C	ax20	5785	Ant3	5784.92	-80000	-13.83	25	Pass
30°C	ax20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
40°C	ax20	5785	Ant3	5784.94	-60000	-10.37	25	Pass
0°C	ax20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
10°C	ax20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
30°C	ax20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
40°C	ax20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
0°C	ax20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
10°C	ax20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
30°C	ax20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
40°C	ax20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
0°C	ax20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
10°C	ax20	5825	Ant3	5824.9	-100000	-17.17	25	Pass
30°C	ax20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
40°C	ax20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
0°C	ax40	5190	Ant1	5189.88	-120000	-23.12	25	Pass
10°C	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
30°C	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
40°C	ax40	5190	Ant1	5190	0	0	25	Pass
0°C	ax40	5190	Ant2	5190	0	0	25	Pass
10°C	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
30°C	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
40°C	ax40	5190	Ant2	5190	0	0	25	Pass

0°C	ax40	5190	Ant3	5189.92	-80000	-15.41	25	Pass
10°C	ax40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
30°C	ax40	5190	Ant3	5189.92	-80000	-15.41	25	Pass
40°C	ax40	5190	Ant3	5189.92	-80000	-15.41	25	Pass
0°C	ax40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
10°C	ax40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
30°C	ax40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
40°C	ax40	5230	Ant1	5229.88	-120000	-22.94	25	Pass
0°C	ax40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
10°C	ax40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
30°C	ax40	5230	Ant2	5229.88	-120000	-22.94	25	Pass
40°C	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
0°C	ax40	5230	Ant3	5230	0	0	25	Pass
10°C	ax40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
30°C	ax40	5230	Ant3	5230.08	80000	15.3	25	Pass
40°C	ax40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
0°C	ax40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
10°C	ax40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
30°C	ax40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
40°C	ax40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
0°C	ax40	5270	Ant2	5269.92	-80000	-15.18	25	Pass
10°C	ax40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
30°C	ax40	5270	Ant2	5270	0	0	25	Pass
40°C	ax40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
0°C	ax40	5270	Ant3	5269.88	-120000	-22.77	25	Pass
10°C	ax40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
30°C	ax40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
40°C	ax40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
0°C	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
10°C	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
30°C	ax40	5310	Ant1	5310.04	40000	7.53	25	Pass
40°C	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
0°C	ax40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
10°C	ax40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
30°C	ax40	5310	Ant2	5310	0	0	25	Pass
40°C	ax40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
0°C	ax40	5310	Ant3	5309.92	-80000	-15.07	25	Pass
10°C	ax40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
30°C	ax40	5310	Ant3	5310.12	120000	22.6	25	Pass
40°C	ax40	5310	Ant3	5309.92	-80000	-15.07	25	Pass
0°C	ax40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
10°C	ax40	5510	Ant1	5509.96	-40000	-7.26	25	Pass

30°C	ax40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
40°C	ax40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
0°C	ax40	5510	Ant2	5509.92	-80000	-14.52	25	Pass
10°C	ax40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
30°C	ax40	5510	Ant2	5510	0	0	25	Pass
40°C	ax40	5510	Ant2	5509.92	-80000	-14.52	25	Pass
0°C	ax40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
10°C	ax40	5510	Ant3	5509.92	-80000	-14.52	25	Pass
30°C	ax40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
40°C	ax40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
0°C	ax40	5550	Ant1	5550	0	0	25	Pass
10°C	ax40	5550	Ant1	5550.04	40000	7.21	25	Pass
30°C	ax40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
40°C	ax40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
0°C	ax40	5550	Ant2	5550	0	0	25	Pass
10°C	ax40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
30°C	ax40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
40°C	ax40	5550	Ant2	5549.92	-80000	-14.41	25	Pass
0°C	ax40	5550	Ant3	5550	0	0	25	Pass
10°C	ax40	5550	Ant3	5550.04	40000	7.21	25	Pass
30°C	ax40	5550	Ant3	5549.92	-80000	-14.41	25	Pass
40°C	ax40	5550	Ant3	5549.88	-120000	-21.62	25	Pass
0°C	ax40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
10°C	ax40	5670	Ant1	5670	0	0	25	Pass
30°C	ax40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
40°C	ax40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
0°C	ax40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
10°C	ax40	5670	Ant2	5669.92	-80000	-14.11	25	Pass
30°C	ax40	5670	Ant2	5670	0	0	25	Pass
40°C	ax40	5670	Ant2	5669.88	-120000	-21.16	25	Pass
0°C	ax40	5670	Ant3	5669.88	-120000	-21.16	25	Pass
10°C	ax40	5670	Ant3	5669.92	-80000	-14.11	25	Pass
30°C	ax40	5670	Ant3	5669.92	-80000	-14.11	25	Pass
40°C	ax40	5670	Ant3	5670.04	40000	7.05	25	Pass
0°C	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
10°C	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
30°C	ax40	5755	Ant1	5755.04	40000	6.95	25	Pass
40°C	ax40	5755	Ant1	5755	0	0	25	Pass
0°C	ax40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
10°C	ax40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
30°C	ax40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
40°C	ax40	5755	Ant2	5754.96	-40000	-6.95	25	Pass

0°C	ax40	5755	Ant3	5754.92	-80000	-13.9	25	Pass
10°C	ax40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
30°C	ax40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
40°C	ax40	5755	Ant3	5755.08	80000	13.9	25	Pass
0°C	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
10°C	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
30°C	ax40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
40°C	ax40	5795	Ant1	5795	0	0	25	Pass
0°C	ax40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
10°C	ax40	5795	Ant2	5794.88	-120000	-20.71	25	Pass
30°C	ax40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
40°C	ax40	5795	Ant2	5795	0	0	25	Pass
0°C	ax40	5795	Ant3	5794.92	-80000	-13.81	25	Pass
10°C	ax40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
30°C	ax40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
40°C	ax40	5795	Ant3	5794.88	-120000	-20.71	25	Pass
0°C	ax80	5210	Ant1	5209.964	-36000	-6.91	25	Pass
10°C	ax80	5210	Ant1	5209.964	-36000	-6.91	25	Pass
30°C	ax80	5210	Ant1	5209.964	-36000	-6.91	25	Pass
40°C	ax80	5210	Ant1	5209.964	-36000	-6.91	25	Pass
0°C	ax80	5210	Ant2	5209.964	-36000	-6.91	25	Pass
10°C	ax80	5210	Ant2	5209.964	-36000	-6.91	25	Pass
30°C	ax80	5210	Ant2	5209.964	-36000	-6.91	25	Pass
40°C	ax80	5210	Ant2	5209.964	-36000	-6.91	25	Pass
0°C	ax80	5210	Ant3	5209.964	-36000	-6.91	25	Pass
10°C	ax80	5210	Ant3	5209.964	-36000	-6.91	25	Pass
30°C	ax80	5210	Ant3	5209.964	-36000	-6.91	25	Pass
40°C	ax80	5210	Ant3	5209.965	-35000	-6.72	25	Pass
0°C	ax80	5290	Ant1	5289.964	-36000	-6.81	25	Pass
10°C	ax80	5290	Ant1	5289.963	-37000	-6.99	25	Pass
30°C	ax80	5290	Ant1	5289.963	-37000	-6.99	25	Pass
40°C	ax80	5290	Ant1	5289.963	-37000	-6.99	25	Pass
0°C	ax80	5290	Ant2	5289.964	-36000	-6.81	25	Pass
10°C	ax80	5290	Ant2	5289.964	-36000	-6.81	25	Pass
30°C	ax80	5290	Ant2	5289.964	-36000	-6.81	25	Pass
40°C	ax80	5290	Ant2	5289.964	-36000	-6.81	25	Pass
0°C	ax80	5290	Ant3	5289.964	-36000	-6.81	25	Pass
10°C	ax80	5290	Ant3	5289.964	-36000	-6.81	25	Pass
30°C	ax80	5290	Ant3	5289.964	-36000	-6.81	25	Pass
40°C	ax80	5290	Ant3	5289.964	-36000	-6.81	25	Pass
0°C	ax80	5530	Ant1	5529.961	-39000	-7.05	25	Pass
10°C	ax80	5530	Ant1	5529.961	-39000	-7.05	25	Pass

30°C	ax80	5530	Ant1	5529.962	-38000	-6.87	25	Pass
40°C	ax80	5530	Ant1	5529.961	-39000	-7.05	25	Pass
0°C	ax80	5530	Ant2	5529.961	-39000	-7.05	25	Pass
10°C	ax80	5530	Ant2	5529.961	-39000	-7.05	25	Pass
30°C	ax80	5530	Ant2	5529.962	-38000	-6.87	25	Pass
40°C	ax80	5530	Ant2	5529.962	-38000	-6.87	25	Pass
0°C	ax80	5530	Ant3	5529.961	-39000	-7.05	25	Pass
10°C	ax80	5530	Ant3	5529.961	-39000	-7.05	25	Pass
30°C	ax80	5530	Ant3	5529.961	-39000	-7.05	25	Pass
40°C	ax80	5530	Ant3	5529.962	-38000	-6.87	25	Pass
0°C	ax80	5610	Ant1	5609.961	-39000	-6.95	25	Pass
10°C	ax80	5610	Ant1	5609.96	-40000	-7.13	25	Pass
30°C	ax80	5610	Ant1	5609.96	-40000	-7.13	25	Pass
40°C	ax80	5610	Ant1	5609.96	-40000	-7.13	25	Pass
0°C	ax80	5610	Ant2	5609.96	-40000	-7.13	25	Pass
10°C	ax80	5610	Ant2	5609.96	-40000	-7.13	25	Pass
30°C	ax80	5610	Ant2	5609.961	-39000	-6.95	25	Pass
40°C	ax80	5610	Ant2	5609.961	-39000	-6.95	25	Pass
0°C	ax80	5610	Ant3	5609.96	-40000	-7.13	25	Pass
10°C	ax80	5610	Ant3	5609.96	-40000	-7.13	25	Pass
30°C	ax80	5610	Ant3	5609.961	-39000	-6.95	25	Pass
40°C	ax80	5610	Ant3	5609.961	-39000	-6.95	25	Pass
0°C	ax80	5775	Ant1	5774.96	-40000	-6.93	25	Pass
10°C	ax80	5775	Ant1	5774.959	-41000	-7.1	25	Pass
30°C	ax80	5775	Ant1	5774.96	-40000	-6.93	25	Pass
40°C	ax80	5775	Ant1	5774.96	-40000	-6.93	25	Pass
0°C	ax80	5775	Ant2	5774.96	-40000	-6.93	25	Pass
10°C	ax80	5775	Ant2	5774.959	-41000	-7.1	25	Pass
30°C	ax80	5775	Ant2	5774.961	-39000	-6.75	25	Pass
40°C	ax80	5775	Ant2	5774.96	-40000	-6.93	25	Pass
0°C	ax80	5775	Ant3	5774.96	-40000	-6.93	25	Pass
10°C	ax80	5775	Ant3	5774.961	-39000	-6.75	25	Pass
30°C	ax80	5775	Ant3	5774.961	-39000	-6.75	25	Pass
40°C	ax80	5775	Ant3	5774.961	-39000	-6.75	25	Pass
0°C	be160	5250	Ant1	5249.966	-34000	-6.48	25	Pass
10°C	be160	5250	Ant1	5249.966	-34000	-6.48	25	Pass
30°C	be160	5250	Ant1	5249.966	-34000	-6.48	25	Pass
40°C	be160	5250	Ant1	5249.966	-34000	-6.48	25	Pass
0°C	be160	5250	Ant2	5249.966	-34000	-6.48	25	Pass
10°C	be160	5250	Ant2	5249.966	-34000	-6.48	25	Pass
30°C	be160	5250	Ant2	5249.966	-34000	-6.48	25	Pass
40°C	be160	5250	Ant2	5249.966	-34000	-6.48	25	Pass

0°C	be160	5250	Ant3	5249.966	-34000	-6.48	25	Pass
10°C	be160	5250	Ant3	5249.966	-34000	-6.48	25	Pass
30°C	be160	5250	Ant3	5249.966	-34000	-6.48	25	Pass
40°C	be160	5250	Ant3	5249.966	-34000	-6.48	25	Pass
0°C	be160	5570	Ant1	5569.958	-42000	-7.54	25	Pass
10°C	be160	5570	Ant1	5569.957	-43000	-7.72	25	Pass
30°C	be160	5570	Ant1	5569.961	-39000	-7	25	Pass
40°C	be160	5570	Ant1	5569.963	-37000	-6.64	25	Pass
0°C	be160	5570	Ant2	5569.965	-35000	-6.28	25	Pass
10°C	be160	5570	Ant2	5569.966	-34000	-6.1	25	Pass
30°C	be160	5570	Ant2	5569.966	-34000	-6.1	25	Pass
40°C	be160	5570	Ant2	5569.965	-35000	-6.28	25	Pass
0°C	be160	5570	Ant3	5569.967	-33000	-5.92	25	Pass
10°C	be160	5570	Ant3	5569.965	-35000	-6.28	25	Pass
30°C	be160	5570	Ant3	5569.963	-37000	-6.64	25	Pass
40°C	be160	5570	Ant3	5569.961	-39000	-7	25	Pass
0°C	be20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10°C	be20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
30°C	be20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
40°C	be20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
0°C	be20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
10°C	be20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
30°C	be20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
40°C	be20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
0°C	be20	5180	Ant3	5179.94	-60000	-11.58	25	Pass
10°C	be20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
30°C	be20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
40°C	be20	5180	Ant3	5179.94	-60000	-11.58	25	Pass
0°C	be20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
10°C	be20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
30°C	be20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
40°C	be20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
0°C	be20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
10°C	be20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
30°C	be20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
40°C	be20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
0°C	be20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
10°C	be20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
30°C	be20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
40°C	be20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
0°C	be20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
10°C	be20	5240	Ant1	5239.94	-60000	-11.45	25	Pass

30°C	be20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
40°C	be20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
0°C	be20	5240	Ant2	5239.94	-60000	-11.45	25	Pass
10°C	be20	5240	Ant2	5239.94	-60000	-11.45	25	Pass
30°C	be20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
40°C	be20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
0°C	be20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
10°C	be20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
30°C	be20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
40°C	be20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
0°C	be20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
10°C	be20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
30°C	be20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
40°C	be20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
0°C	be20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
10°C	be20	5260	Ant2	5259.98	-20000	-3.8	25	Pass
30°C	be20	5260	Ant2	5259.98	-20000	-3.8	25	Pass
40°C	be20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
0°C	be20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
10°C	be20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
30°C	be20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
40°C	be20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
0°C	be20	5280	Ant1	5279.98	-20000	-3.79	25	Pass
10°C	be20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
30°C	be20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
40°C	be20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
0°C	be20	5280	Ant2	5279.96	-40000	-7.58	25	Pass
10°C	be20	5280	Ant2	5279.96	-40000	-7.58	25	Pass
30°C	be20	5280	Ant2	5279.96	-40000	-7.58	25	Pass
40°C	be20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
0°C	be20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
10°C	be20	5280	Ant3	5279.98	-20000	-3.79	25	Pass
30°C	be20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
40°C	be20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
0°C	be20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
10°C	be20	5320	Ant1	5319.98	-20000	-3.76	25	Pass
30°C	be20	5320	Ant1	5320	0	0	25	Pass
40°C	be20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
0°C	be20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
10°C	be20	5320	Ant2	5319.98	-20000	-3.76	25	Pass
30°C	be20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
40°C	be20	5320	Ant2	5319.96	-40000	-7.52	25	Pass

0°C	be20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
10°C	be20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
30°C	be20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
40°C	be20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
0°C	be20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
10°C	be20	5500	Ant1	5499.98	-20000	-3.64	25	Pass
30°C	be20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
40°C	be20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
0°C	be20	5500	Ant2	5499.98	-20000	-3.64	25	Pass
10°C	be20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
30°C	be20	5500	Ant2	5499.98	-20000	-3.64	25	Pass
40°C	be20	5500	Ant2	5499.94	-60000	-10.91	25	Pass
0°C	be20	5500	Ant3	5499.98	-20000	-3.64	25	Pass
10°C	be20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
30°C	be20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
40°C	be20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
0°C	be20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
10°C	be20	5580	Ant1	5579.94	-60000	-10.75	25	Pass
30°C	be20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
40°C	be20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
0°C	be20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
10°C	be20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
30°C	be20	5580	Ant2	5579.94	-60000	-10.75	25	Pass
40°C	be20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
0°C	be20	5580	Ant3	5579.94	-60000	-10.75	25	Pass
10°C	be20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
30°C	be20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
40°C	be20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
0°C	be20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
10°C	be20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
30°C	be20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
40°C	be20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
0°C	be20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
10°C	be20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
30°C	be20	5700	Ant2	5699.94	-60000	-10.53	25	Pass
40°C	be20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
0°C	be20	5700	Ant3	5699.96	-40000	-7.02	25	Pass
10°C	be20	5700	Ant3	5699.96	-40000	-7.02	25	Pass
30°C	be20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
40°C	be20	5700	Ant3	5699.96	-40000	-7.02	25	Pass
0°C	be20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
10°C	be20	5745	Ant1	5744.96	-40000	-6.96	25	Pass

30°C	be20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
40°C	be20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
0°C	be20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
10°C	be20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
30°C	be20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
40°C	be20	5745	Ant2	5744.98	-20000	-3.48	25	Pass
0°C	be20	5745	Ant3	5744.94	-60000	-10.44	25	Pass
10°C	be20	5745	Ant3	5744.98	-20000	-3.48	25	Pass
30°C	be20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
40°C	be20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
0°C	be20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10°C	be20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
30°C	be20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
40°C	be20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
0°C	be20	5785	Ant2	5784.92	-80000	-13.83	25	Pass
10°C	be20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
30°C	be20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
40°C	be20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
0°C	be20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
10°C	be20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
30°C	be20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
40°C	be20	5785	Ant3	5784.94	-60000	-10.37	25	Pass
0°C	be20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
10°C	be20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
30°C	be20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
40°C	be20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
0°C	be20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
10°C	be20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
30°C	be20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
40°C	be20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
0°C	be20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
10°C	be20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
30°C	be20	5825	Ant3	5824.98	-20000	-3.43	25	Pass
40°C	be20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
0°C	be40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10°C	be40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
30°C	be40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
40°C	be40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
0°C	be40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
10°C	be40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
30°C	be40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
40°C	be40	5190	Ant2	5189.96	-40000	-7.71	25	Pass

0°C	be40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
10°C	be40	5190	Ant3	5189.92	-80000	-15.41	25	Pass
30°C	be40	5190	Ant3	5189.88	-120000	-23.12	25	Pass
40°C	be40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
0°C	be40	5230	Ant1	5229.92	-80000	-15.3	25	Pass
10°C	be40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
30°C	be40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40°C	be40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
0°C	be40	5230	Ant2	5230	0	0	25	Pass
10°C	be40	5230	Ant2	5230	0	0	25	Pass
30°C	be40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
40°C	be40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
0°C	be40	5230	Ant3	5229.88	-120000	-22.94	25	Pass
10°C	be40	5230	Ant3	5229.92	-80000	-15.3	25	Pass
30°C	be40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
40°C	be40	5230	Ant3	5230.08	80000	15.3	25	Pass
0°C	be40	5270	Ant1	5270.04	40000	7.59	25	Pass
10°C	be40	5270	Ant1	5270.08	80000	15.18	25	Pass
30°C	be40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
40°C	be40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
0°C	be40	5270	Ant2	5269.88	-120000	-22.77	25	Pass
10°C	be40	5270	Ant2	5270	0	0	25	Pass
30°C	be40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
40°C	be40	5270	Ant2	5269.92	-80000	-15.18	25	Pass
0°C	be40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
10°C	be40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
30°C	be40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
40°C	be40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
0°C	be40	5310	Ant1	5310.08	80000	15.07	25	Pass
10°C	be40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
30°C	be40	5310	Ant1	5310	0	0	25	Pass
40°C	be40	5310	Ant1	5310.08	80000	15.07	25	Pass
0°C	be40	5310	Ant2	5309.88	-120000	-22.6	25	Pass
10°C	be40	5310	Ant2	5310	0	0	25	Pass
30°C	be40	5310	Ant2	5309.92	-80000	-15.07	25	Pass
40°C	be40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
0°C	be40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
10°C	be40	5310	Ant3	5310.04	40000	7.53	25	Pass
30°C	be40	5310	Ant3	5310	0	0	25	Pass
40°C	be40	5310	Ant3	5310.08	80000	15.07	25	Pass
0°C	be40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
10°C	be40	5510	Ant1	5509.92	-80000	-14.52	25	Pass

30°C	be40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
40°C	be40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
0°C	be40	5510	Ant2	5509.92	-80000	-14.52	25	Pass
10°C	be40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
30°C	be40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
40°C	be40	5510	Ant2	5509.92	-80000	-14.52	25	Pass
0°C	be40	5510	Ant3	5510	0	0	25	Pass
10°C	be40	5510	Ant3	5510	0	0	25	Pass
30°C	be40	5510	Ant3	5509.92	-80000	-14.52	25	Pass
40°C	be40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
0°C	be40	5550	Ant1	5550.12	120000	21.62	25	Pass
10°C	be40	5550	Ant1	5550.04	40000	7.21	25	Pass
30°C	be40	5550	Ant1	5549.92	-80000	-14.41	25	Pass
40°C	be40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
0°C	be40	5550	Ant2	5550.12	120000	21.62	25	Pass
10°C	be40	5550	Ant2	5550.04	40000	7.21	25	Pass
30°C	be40	5550	Ant2	5550	0	0	25	Pass
40°C	be40	5550	Ant2	5549.92	-80000	-14.41	25	Pass
0°C	be40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
10°C	be40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
30°C	be40	5550	Ant3	5549.92	-80000	-14.41	25	Pass
40°C	be40	5550	Ant3	5550.08	80000	14.41	25	Pass
0°C	be40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
10°C	be40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
30°C	be40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
40°C	be40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
0°C	be40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
10°C	be40	5670	Ant2	5670	0	0	25	Pass
30°C	be40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
40°C	be40	5670	Ant2	5670.04	40000	7.05	25	Pass
0°C	be40	5670	Ant3	5669.92	-80000	-14.11	25	Pass
10°C	be40	5670	Ant3	5670	0	0	25	Pass
30°C	be40	5670	Ant3	5669.92	-80000	-14.11	25	Pass
40°C	be40	5670	Ant3	5669.88	-120000	-21.16	25	Pass
0°C	be40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
10°C	be40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
30°C	be40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
40°C	be40	5755	Ant1	5755	0	0	25	Pass
0°C	be40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
10°C	be40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
30°C	be40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
40°C	be40	5755	Ant2	5754.92	-80000	-13.9	25	Pass

0°C	be40	5755	Ant3	5755.12	120000	20.85	25	Pass
10°C	be40	5755	Ant3	5755	0	0	25	Pass
30°C	be40	5755	Ant3	5755	0	0	25	Pass
40°C	be40	5755	Ant3	5755	0	0	25	Pass
0°C	be40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
10°C	be40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
30°C	be40	5795	Ant1	5794.88	-120000	-20.71	25	Pass
40°C	be40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
0°C	be40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
10°C	be40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
30°C	be40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
40°C	be40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
0°C	be40	5795	Ant3	5794.88	-120000	-20.71	25	Pass
10°C	be40	5795	Ant3	5795.04	40000	6.9	25	Pass
30°C	be40	5795	Ant3	5795.08	80000	13.81	25	Pass
40°C	be40	5795	Ant3	5795	0	0	25	Pass
0°C	be80	5210	Ant1	5209.965	-35000	-6.72	25	Pass
10°C	be80	5210	Ant1	5209.965	-35000	-6.72	25	Pass
30°C	be80	5210	Ant1	5209.965	-35000	-6.72	25	Pass
40°C	be80	5210	Ant1	5209.965	-35000	-6.72	25	Pass
0°C	be80	5210	Ant2	5209.964	-36000	-6.91	25	Pass
10°C	be80	5210	Ant2	5209.964	-36000	-6.91	25	Pass
30°C	be80	5210	Ant2	5209.965	-35000	-6.72	25	Pass
40°C	be80	5210	Ant2	5209.964	-36000	-6.91	25	Pass
0°C	be80	5210	Ant3	5209.964	-36000	-6.91	25	Pass
10°C	be80	5210	Ant3	5209.965	-35000	-6.72	25	Pass
30°C	be80	5210	Ant3	5209.964	-36000	-6.91	25	Pass
40°C	be80	5210	Ant3	5209.965	-35000	-6.72	25	Pass
0°C	be80	5290	Ant1	5289.964	-36000	-6.81	25	Pass
10°C	be80	5290	Ant1	5289.964	-36000	-6.81	25	Pass
30°C	be80	5290	Ant1	5289.964	-36000	-6.81	25	Pass
40°C	be80	5290	Ant1	5289.964	-36000	-6.81	25	Pass
0°C	be80	5290	Ant2	5289.964	-36000	-6.81	25	Pass
10°C	be80	5290	Ant2	5289.964	-36000	-6.81	25	Pass
30°C	be80	5290	Ant2	5289.964	-36000	-6.81	25	Pass
40°C	be80	5290	Ant2	5289.964	-36000	-6.81	25	Pass
0°C	be80	5290	Ant3	5289.964	-36000	-6.81	25	Pass
10°C	be80	5290	Ant3	5289.964	-36000	-6.81	25	Pass
30°C	be80	5290	Ant3	5289.964	-36000	-6.81	25	Pass
40°C	be80	5290	Ant3	5289.964	-36000	-6.81	25	Pass
0°C	be80	5530	Ant1	5529.961	-39000	-7.05	25	Pass
10°C	be80	5530	Ant1	5529.961	-39000	-7.05	25	Pass

30°C	be80	5530	Ant1	5529.961	-39000	-7.05	25	Pass
40°C	be80	5530	Ant1	5529.962	-38000	-6.87	25	Pass
0°C	be80	5530	Ant2	5529.961	-39000	-7.05	25	Pass
10°C	be80	5530	Ant2	5529.961	-39000	-7.05	25	Pass
30°C	be80	5530	Ant2	5529.961	-39000	-7.05	25	Pass
40°C	be80	5530	Ant2	5529.961	-39000	-7.05	25	Pass
0°C	be80	5530	Ant3	5529.961	-39000	-7.05	25	Pass
10°C	be80	5530	Ant3	5529.961	-39000	-7.05	25	Pass
30°C	be80	5530	Ant3	5529.961	-39000	-7.05	25	Pass
40°C	be80	5530	Ant3	5529.961	-39000	-7.05	25	Pass
0°C	be80	5610	Ant1	5609.96	-40000	-7.13	25	Pass
10°C	be80	5610	Ant1	5609.96	-40000	-7.13	25	Pass
30°C	be80	5610	Ant1	5609.96	-40000	-7.13	25	Pass
40°C	be80	5610	Ant1	5609.96	-40000	-7.13	25	Pass
0°C	be80	5610	Ant2	5609.96	-40000	-7.13	25	Pass
10°C	be80	5610	Ant2	5609.96	-40000	-7.13	25	Pass
30°C	be80	5610	Ant2	5609.96	-40000	-7.13	25	Pass
40°C	be80	5610	Ant2	5609.96	-40000	-7.13	25	Pass
0°C	be80	5610	Ant3	5609.96	-40000	-7.13	25	Pass
10°C	be80	5610	Ant3	5609.96	-40000	-7.13	25	Pass
30°C	be80	5610	Ant3	5609.96	-40000	-7.13	25	Pass
40°C	be80	5610	Ant3	5609.96	-40000	-7.13	25	Pass
0°C	be80	5775	Ant1	5774.959	-41000	-7.1	25	Pass
10°C	be80	5775	Ant1	5774.959	-41000	-7.1	25	Pass
30°C	be80	5775	Ant1	5774.959	-41000	-7.1	25	Pass
40°C	be80	5775	Ant1	5774.959	-41000	-7.1	25	Pass
0°C	be80	5775	Ant2	5774.959	-41000	-7.1	25	Pass
10°C	be80	5775	Ant2	5774.959	-41000	-7.1	25	Pass
30°C	be80	5775	Ant2	5774.959	-41000	-7.1	25	Pass
40°C	be80	5775	Ant2	5774.959	-41000	-7.1	25	Pass
0°C	be80	5775	Ant3	5774.959	-41000	-7.1	25	Pass
10°C	be80	5775	Ant3	5774.959	-41000	-7.1	25	Pass
30°C	be80	5775	Ant3	5774.959	-41000	-7.1	25	Pass
40°C	be80	5775	Ant3	5774.959	-41000	-7.1	25	Pass
0°C	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
10°C	n20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
30°C	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
40°C	n20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
0°C	n20	5180	Ant2	5179.98	-20000	-3.86	25	Pass
10°C	n20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
30°C	n20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
40°C	n20	5180	Ant2	5179.94	-60000	-11.58	25	Pass

0°C	n20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
10°C	n20	5180	Ant3	5179.98	-20000	-3.86	25	Pass
30°C	n20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
40°C	n20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
0°C	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
10°C	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
30°C	n20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
40°C	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
0°C	n20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
10°C	n20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
30°C	n20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
40°C	n20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
0°C	n20	5200	Ant3	5199.94	-60000	-11.54	25	Pass
10°C	n20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
30°C	n20	5200	Ant3	5199.94	-60000	-11.54	25	Pass
40°C	n20	5200	Ant3	5199.94	-60000	-11.54	25	Pass
0°C	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
10°C	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
30°C	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
40°C	n20	5240	Ant1	5239.94	-60000	-11.45	25	Pass
0°C	n20	5240	Ant2	5239.94	-60000	-11.45	25	Pass
10°C	n20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
30°C	n20	5240	Ant2	5239.92	-80000	-15.27	25	Pass
40°C	n20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
0°C	n20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
10°C	n20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
30°C	n20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
40°C	n20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
0°C	n20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
10°C	n20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
30°C	n20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
40°C	n20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
0°C	n20	5260	Ant2	5259.94	-60000	-11.41	25	Pass
10°C	n20	5260	Ant2	5259.98	-20000	-3.8	25	Pass
30°C	n20	5260	Ant2	5259.94	-60000	-11.41	25	Pass
40°C	n20	5260	Ant2	5260	0	0	25	Pass
0°C	n20	5260	Ant3	5259.94	-60000	-11.41	25	Pass
10°C	n20	5260	Ant3	5259.98	-20000	-3.8	25	Pass
30°C	n20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
40°C	n20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
0°C	n20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
10°C	n20	5280	Ant1	5279.96	-40000	-7.58	25	Pass

30°C	n20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
40°C	n20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
0°C	n20	5280	Ant2	5279.96	-40000	-7.58	25	Pass
10°C	n20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
30°C	n20	5280	Ant2	5279.98	-20000	-3.79	25	Pass
40°C	n20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
0°C	n20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
10°C	n20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
30°C	n20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
40°C	n20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
0°C	n20	5320	Ant1	5319.98	-20000	-3.76	25	Pass
10°C	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
30°C	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
40°C	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
0°C	n20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
10°C	n20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
30°C	n20	5320	Ant2	5319.94	-60000	-11.28	25	Pass
40°C	n20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
0°C	n20	5320	Ant3	5319.94	-60000	-11.28	25	Pass
10°C	n20	5320	Ant3	5319.94	-60000	-11.28	25	Pass
30°C	n20	5320	Ant3	5319.94	-60000	-11.28	25	Pass
40°C	n20	5320	Ant3	5319.94	-60000	-11.28	25	Pass
0°C	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
10°C	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
30°C	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
40°C	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
0°C	n20	5500	Ant2	5499.94	-60000	-10.91	25	Pass
10°C	n20	5500	Ant2	5499.94	-60000	-10.91	25	Pass
30°C	n20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
40°C	n20	5500	Ant2	5499.98	-20000	-3.64	25	Pass
0°C	n20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
10°C	n20	5500	Ant3	5499.94	-60000	-10.91	25	Pass
30°C	n20	5500	Ant3	5499.94	-60000	-10.91	25	Pass
40°C	n20	5500	Ant3	5499.94	-60000	-10.91	25	Pass
0°C	n20	5580	Ant1	5579.98	-20000	-3.58	25	Pass
10°C	n20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
30°C	n20	5580	Ant1	5580	0	0	25	Pass
40°C	n20	5580	Ant1	5579.94	-60000	-10.75	25	Pass
0°C	n20	5580	Ant2	5579.98	-20000	-3.58	25	Pass
10°C	n20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
30°C	n20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
40°C	n20	5580	Ant2	5579.94	-60000	-10.75	25	Pass

0°C	n20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
10°C	n20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
30°C	n20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
40°C	n20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
0°C	n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
10°C	n20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
30°C	n20	5700	Ant1	5699.98	-20000	-3.51	25	Pass
40°C	n20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
0°C	n20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
10°C	n20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
30°C	n20	5700	Ant2	5699.94	-60000	-10.53	25	Pass
40°C	n20	5700	Ant2	5699.94	-60000	-10.53	25	Pass
0°C	n20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
10°C	n20	5700	Ant3	5699.96	-40000	-7.02	25	Pass
30°C	n20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
40°C	n20	5700	Ant3	5699.96	-40000	-7.02	25	Pass
0°C	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
10°C	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
30°C	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
40°C	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
0°C	n20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
10°C	n20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
30°C	n20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
40°C	n20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
0°C	n20	5745	Ant3	5744.98	-20000	-3.48	25	Pass
10°C	n20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
30°C	n20	5745	Ant3	5744.98	-20000	-3.48	25	Pass
40°C	n20	5745	Ant3	5744.98	-20000	-3.48	25	Pass
0°C	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10°C	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
30°C	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
40°C	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
0°C	n20	5785	Ant2	5785	0	0	25	Pass
10°C	n20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
30°C	n20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
40°C	n20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
0°C	n20	5785	Ant3	5784.98	-20000	-3.46	25	Pass
10°C	n20	5785	Ant3	5784.98	-20000	-3.46	25	Pass
30°C	n20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
40°C	n20	5785	Ant3	5784.98	-20000	-3.46	25	Pass
0°C	n20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
10°C	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass

30°C	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
40°C	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
0°C	n20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
10°C	n20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
30°C	n20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
40°C	n20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
0°C	n20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
10°C	n20	5825	Ant3	5824.98	-20000	-3.43	25	Pass
30°C	n20	5825	Ant3	5824.98	-20000	-3.43	25	Pass
40°C	n20	5825	Ant3	5824.94	-60000	-10.3	25	Pass
0°C	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10°C	n40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
30°C	n40	5190	Ant1	5190.04	40000	7.71	25	Pass
40°C	n40	5190	Ant1	5190	0	0	25	Pass
0°C	n40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
10°C	n40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
30°C	n40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
40°C	n40	5190	Ant2	5189.92	-80000	-15.41	25	Pass
0°C	n40	5190	Ant3	5190	0	0	25	Pass
10°C	n40	5190	Ant3	5189.92	-80000	-15.41	25	Pass
30°C	n40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
40°C	n40	5190	Ant3	5190.08	80000	15.41	25	Pass
0°C	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
10°C	n40	5230	Ant1	5230	0	0	25	Pass
30°C	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40°C	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
0°C	n40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
10°C	n40	5230	Ant2	5230	0	0	25	Pass
30°C	n40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
40°C	n40	5230	Ant2	5230	0	0	25	Pass
0°C	n40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
10°C	n40	5230	Ant3	5230	0	0	25	Pass
30°C	n40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
40°C	n40	5230	Ant3	5229.92	-80000	-15.3	25	Pass
0°C	n40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
10°C	n40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
30°C	n40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
40°C	n40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
0°C	n40	5270	Ant2	5269.92	-80000	-15.18	25	Pass
10°C	n40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
30°C	n40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
40°C	n40	5270	Ant2	5269.92	-80000	-15.18	25	Pass

0°C	n40	5270	Ant3	5270	0	0	25	Pass
10°C	n40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
30°C	n40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
40°C	n40	5270	Ant3	5270.12	120000	22.77	25	Pass
0°C	n40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
10°C	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
30°C	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
40°C	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
0°C	n40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
10°C	n40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
30°C	n40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
40°C	n40	5310	Ant2	5310.12	120000	22.6	25	Pass
0°C	n40	5310	Ant3	5310	0	0	25	Pass
10°C	n40	5310	Ant3	5309.92	-80000	-15.07	25	Pass
30°C	n40	5310	Ant3	5310	0	0	25	Pass
40°C	n40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
0°C	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
10°C	n40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
30°C	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
40°C	n40	5510	Ant1	5510	0	0	25	Pass
0°C	n40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
10°C	n40	5510	Ant2	5510	0	0	25	Pass
30°C	n40	5510	Ant2	5510	0	0	25	Pass
40°C	n40	5510	Ant2	5509.92	-80000	-14.52	25	Pass
0°C	n40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
10°C	n40	5510	Ant3	5510	0	0	25	Pass
30°C	n40	5510	Ant3	5510	0	0	25	Pass
40°C	n40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
0°C	n40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
10°C	n40	5550	Ant1	5549.92	-80000	-14.41	25	Pass
30°C	n40	5550	Ant1	5549.92	-80000	-14.41	25	Pass
40°C	n40	5550	Ant1	5550	0	0	25	Pass
0°C	n40	5550	Ant2	5550	0	0	25	Pass
10°C	n40	5550	Ant2	5549.92	-80000	-14.41	25	Pass
30°C	n40	5550	Ant2	5550.12	120000	21.62	25	Pass
40°C	n40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
0°C	n40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
10°C	n40	5550	Ant3	5550.04	40000	7.21	25	Pass
30°C	n40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
40°C	n40	5550	Ant3	5550	0	0	25	Pass
0°C	n40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
10°C	n40	5670	Ant1	5669.92	-80000	-14.11	25	Pass

30°C	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
40°C	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
0°C	n40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
10°C	n40	5670	Ant2	5670.04	40000	7.05	25	Pass
30°C	n40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
40°C	n40	5670	Ant2	5669.92	-80000	-14.11	25	Pass
0°C	n40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
10°C	n40	5670	Ant3	5670.12	120000	21.16	25	Pass
30°C	n40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
40°C	n40	5670	Ant3	5669.92	-80000	-14.11	25	Pass
0°C	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
10°C	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
30°C	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
40°C	n40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
0°C	n40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
10°C	n40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
30°C	n40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
40°C	n40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
0°C	n40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
10°C	n40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
30°C	n40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
40°C	n40	5755	Ant3	5755	0	0	25	Pass
0°C	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
10°C	n40	5795	Ant1	5795	0	0	25	Pass
30°C	n40	5795	Ant1	5795.04	40000	6.9	25	Pass
40°C	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
0°C	n40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
10°C	n40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
30°C	n40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
40°C	n40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
0°C	n40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
10°C	n40	5795	Ant3	5795	0	0	25	Pass
30°C	n40	5795	Ant3	5795	0	0	25	Pass
40°C	n40	5795	Ant3	5795	0	0	25	Pass

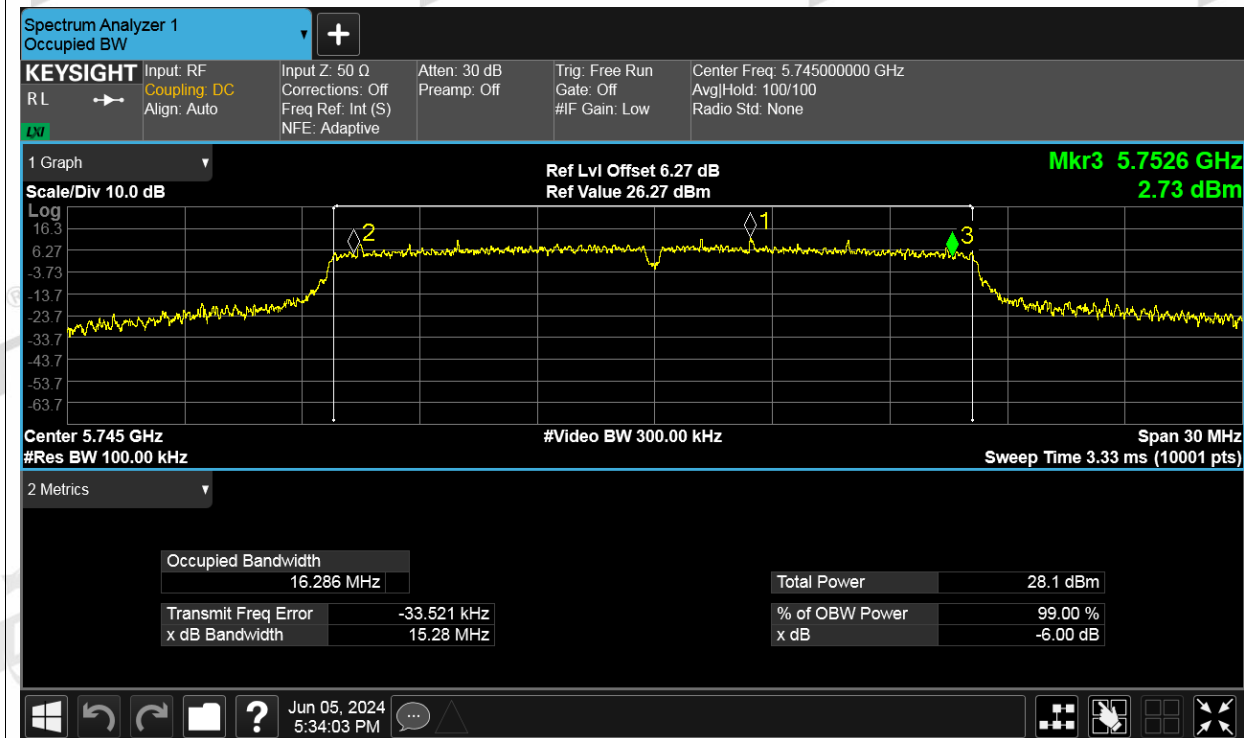
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.28	≥ 0.5	Pass
NVNT	a	5785	Ant1	14.46	≥ 0.5	Pass
NVNT	a	5825	Ant1	15.13	≥ 0.5	Pass
NVNT	a	5745	Ant2	15.05	≥ 0.5	Pass
NVNT	a	5785	Ant2	16.02	≥ 0.5	Pass
NVNT	a	5825	Ant2	15.66	≥ 0.5	Pass
NVNT	a	5745	Ant3	14.79	≥ 0.5	Pass
NVNT	a	5785	Ant3	15.03	≥ 0.5	Pass
NVNT	a	5825	Ant3	15.33	≥ 0.5	Pass
NVNT	ac20	5745	Ant1	15.08	≥ 0.5	Pass
NVNT	ac20	5745	Ant2	15.89	≥ 0.5	Pass
NVNT	ac20	5745	Ant3	15.32	≥ 0.5	Pass
NVNT	ac20	5785	Ant1	15.71	≥ 0.5	Pass
NVNT	ac20	5785	Ant2	15.08	≥ 0.5	Pass
NVNT	ac20	5785	Ant3	15.69	≥ 0.5	Pass
NVNT	ac20	5825	Ant1	16.26	≥ 0.5	Pass
NVNT	ac20	5825	Ant2	15.08	≥ 0.5	Pass
NVNT	ac20	5825	Ant3	15.13	≥ 0.5	Pass
NVNT	ac40	5755	Ant1	33.77	≥ 0.5	Pass
NVNT	ac40	5755	Ant2	33.79	≥ 0.5	Pass
NVNT	ac40	5755	Ant3	33.76	≥ 0.5	Pass
NVNT	ac40	5795	Ant1	35.05	≥ 0.5	Pass
NVNT	ac40	5795	Ant2	33.80	≥ 0.5	Pass
NVNT	ac40	5795	Ant3	32.52	≥ 0.5	Pass
NVNT	ac80	5775	Ant1	71.30	≥ 0.5	Pass
NVNT	ac80	5775	Ant2	71.30	≥ 0.5	Pass
NVNT	ac80	5775	Ant3	66.32	≥ 0.5	Pass
NVNT	ax20	5745	Ant1	15.98	≥ 0.5	Pass
NVNT	ax20	5745	Ant2	16.67	≥ 0.5	Pass
NVNT	ax20	5745	Ant3	17.63	≥ 0.5	Pass
NVNT	ax20	5785	Ant1	15.91	≥ 0.5	Pass
NVNT	ax20	5785	Ant2	15.80	≥ 0.5	Pass
NVNT	ax20	5785	Ant3	15.05	≥ 0.5	Pass
NVNT	ax20	5825	Ant1	17.21	≥ 0.5	Pass
NVNT	ax20	5825	Ant2	15.33	≥ 0.5	Pass
NVNT	ax20	5825	Ant3	16.40	≥ 0.5	Pass
NVNT	ax40	5755	Ant1	33.82	≥ 0.5	Pass
NVNT	ax40	5755	Ant2	35.03	≥ 0.5	Pass

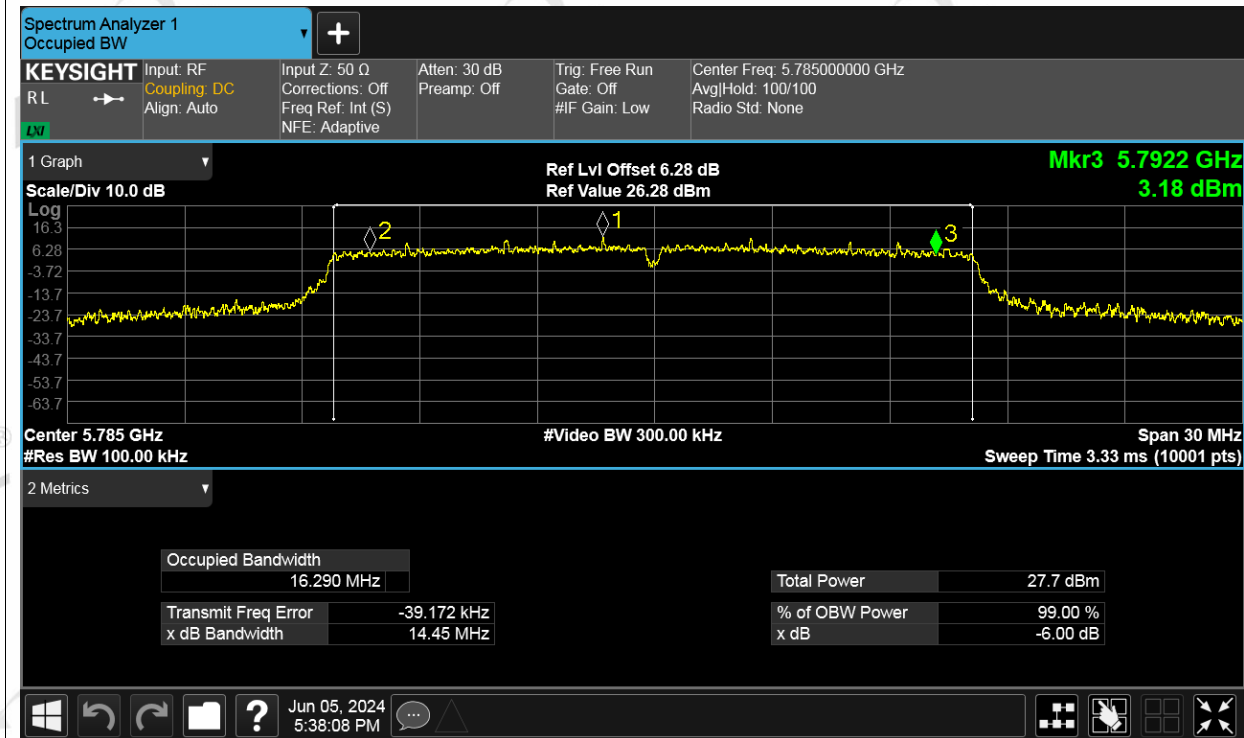
NVNT	ax40	5755	Ant3	33.82	≥ 0.5	Pass
NVNT	ax40	5795	Ant1	35.02	≥ 0.5	Pass
NVNT	ax40	5795	Ant2	35.02	≥ 0.5	Pass
NVNT	ax40	5795	Ant3	31.31	≥ 0.5	Pass
NVNT	ax80	5775	Ant1	72.53	≥ 0.5	Pass
NVNT	ax80	5775	Ant2	71.29	≥ 0.5	Pass
NVNT	ax80	5775	Ant3	70.05	≥ 0.5	Pass
NVNT	be20	5745	Ant1	15.05	≥ 0.5	Pass
NVNT	be20	5745	Ant2	16.33	≥ 0.5	Pass
NVNT	be20	5745	Ant3	17.19	≥ 0.5	Pass
NVNT	be20	5785	Ant1	15.85	≥ 0.5	Pass
NVNT	be20	5785	Ant2	16.82	≥ 0.5	Pass
NVNT	be20	5785	Ant3	17.08	≥ 0.5	Pass
NVNT	be20	5825	Ant1	15.57	≥ 0.5	Pass
NVNT	be20	5825	Ant2	16.29	≥ 0.5	Pass
NVNT	be20	5825	Ant3	17.82	≥ 0.5	Pass
NVNT	be40	5755	Ant1	33.78	≥ 0.5	Pass
NVNT	be40	5755	Ant2	35.00	≥ 0.5	Pass
NVNT	be40	5755	Ant3	33.78	≥ 0.5	Pass
NVNT	be40	5795	Ant1	32.58	≥ 0.5	Pass
NVNT	be40	5795	Ant2	35.03	≥ 0.5	Pass
NVNT	be40	5795	Ant3	33.79	≥ 0.5	Pass
NVNT	be80	5775	Ant1	71.30	≥ 0.5	Pass
NVNT	be80	5775	Ant2	66.30	≥ 0.5	Pass
NVNT	be80	5775	Ant3	62.57	≥ 0.5	Pass
NVNT	n20	5745	Ant1	15.13	≥ 0.5	Pass
NVNT	n20	5745	Ant2	15.69	≥ 0.5	Pass
NVNT	n20	5745	Ant3	15.10	≥ 0.5	Pass
NVNT	n20	5785	Ant1	15.66	≥ 0.5	Pass
NVNT	n20	5785	Ant2	15.08	≥ 0.5	Pass
NVNT	n20	5785	Ant3	15.12	≥ 0.5	Pass
NVNT	n20	5825	Ant1	15.71	≥ 0.5	Pass
NVNT	n20	5825	Ant2	15.67	≥ 0.5	Pass
NVNT	n20	5825	Ant3	15.67	≥ 0.5	Pass
NVNT	n40	5755	Ant1	35.01	≥ 0.5	Pass
NVNT	n40	5755	Ant2	35.00	≥ 0.5	Pass
NVNT	n40	5755	Ant3	33.80	≥ 0.5	Pass
NVNT	n40	5795	Ant1	35.03	≥ 0.5	Pass
NVNT	n40	5795	Ant2	33.81	≥ 0.5	Pass
NVNT	n40	5795	Ant3	30.10	≥ 0.5	Pass

Test Graphs

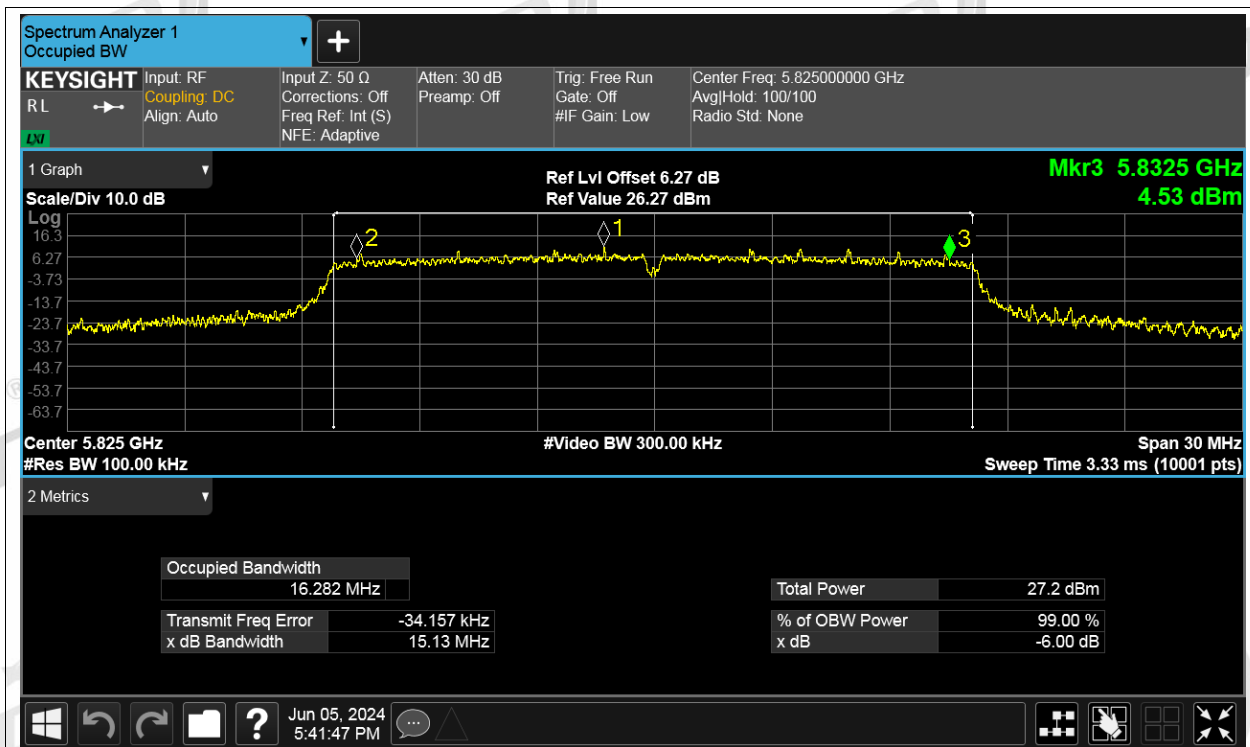
-6dB Bandwidth NVNT a 5745MHz Ant1



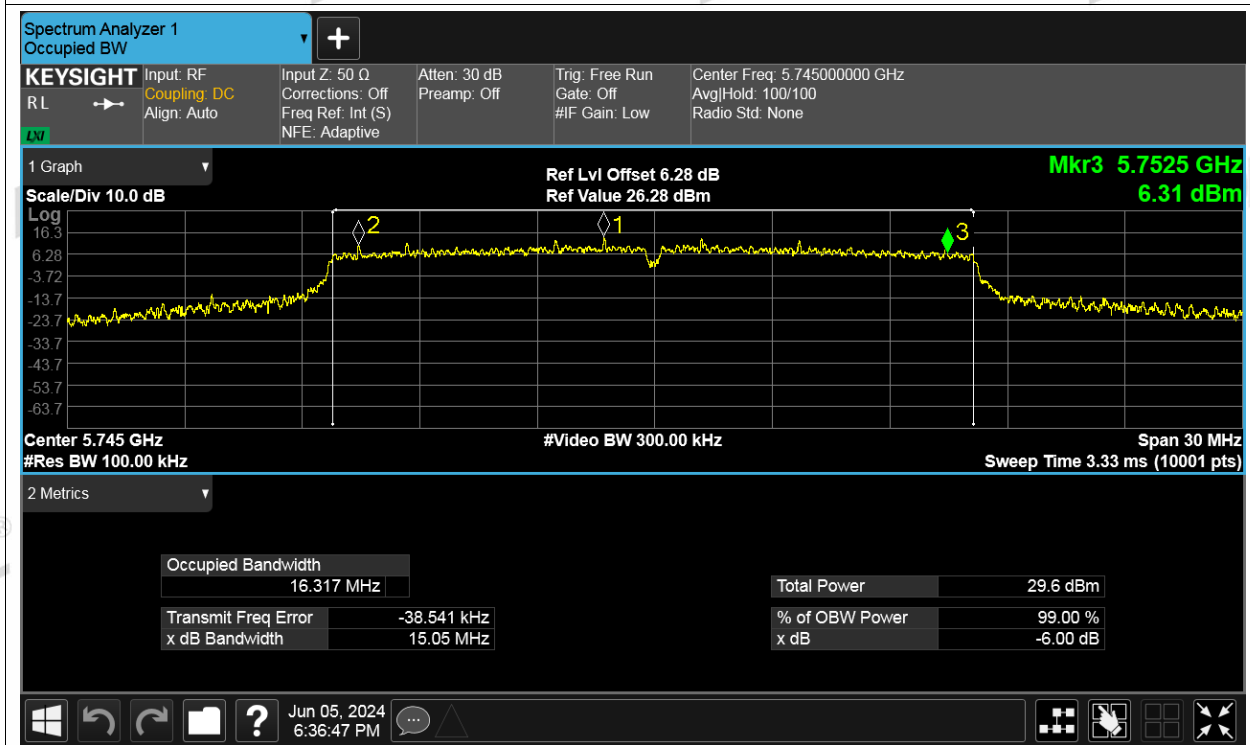
-6dB Bandwidth NVNT a 5785MHz Ant1



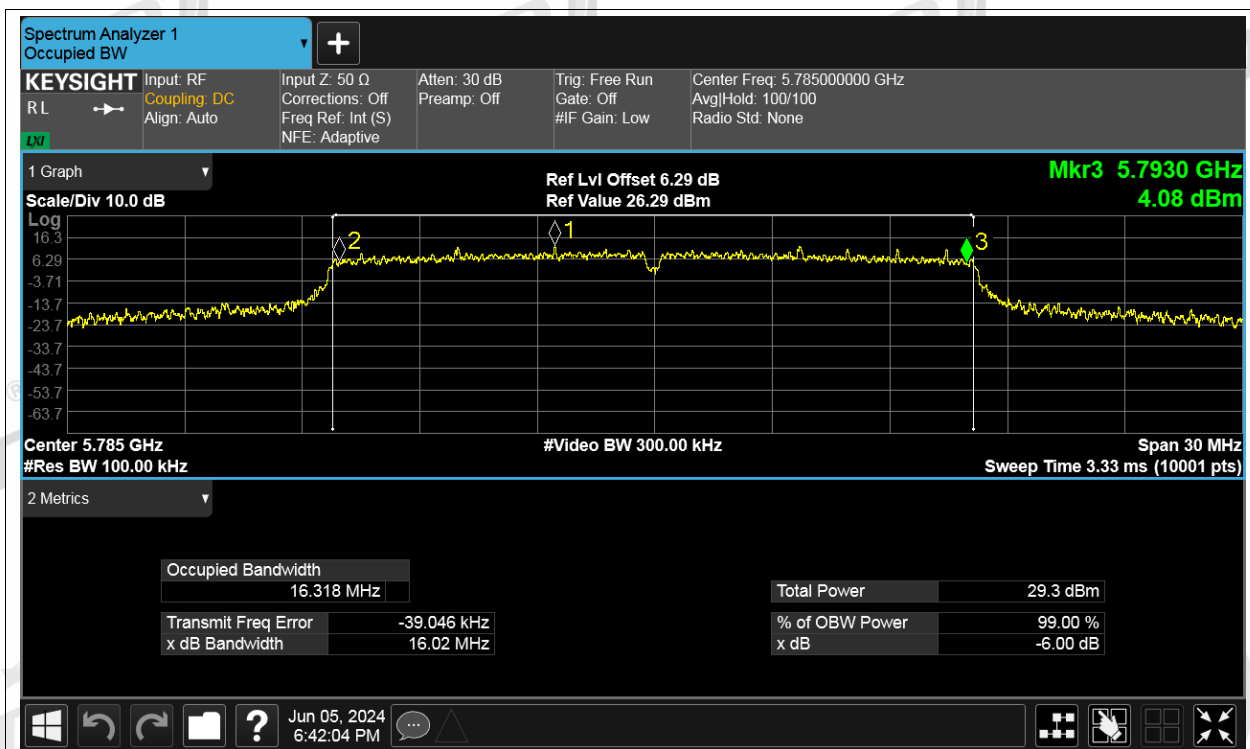
-6dB Bandwidth NVNT a 5825MHz Ant1



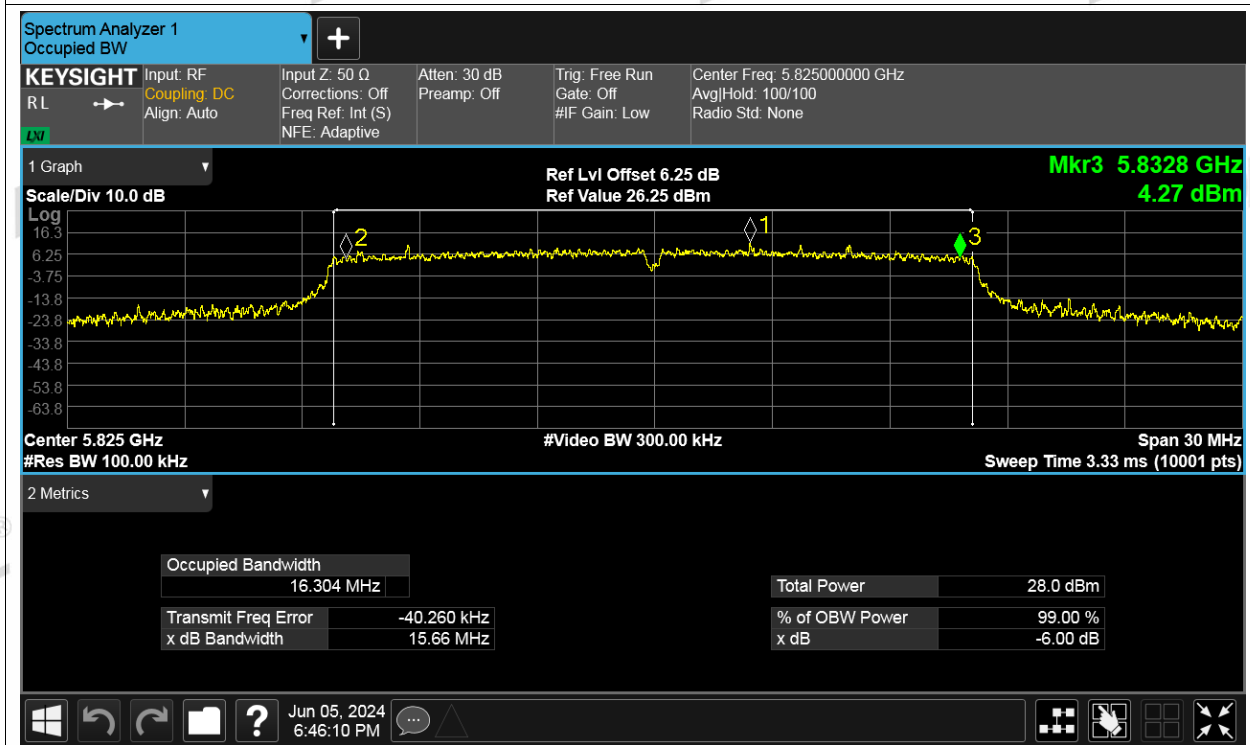
-6dB Bandwidth NVNT a 5745MHz Ant2



-6dB Bandwidth NVNT a 5785MHz Ant2



-6dB Bandwidth NVNT a 5825MHz Ant2



-6dB Bandwidth NVNT a 5745MHz Ant3