

NTLV	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
NTNV	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
NTHV	n20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
NTLV	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
NTNV	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
NTHV	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
NTLV	n20	5580	Ant1	5579.92	-80000	-14.34	25	Pass
NTNV	n20	5580	Ant1	5579.94	-60000	-10.75	25	Pass
NTHV	n20	5580	Ant1	5579.94	-60000	-10.75	25	Pass
NTLV	n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
NTNV	n20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
NTHV	n20	5700	Ant1	5699.98	-20000	-3.51	25	Pass
NTLV	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
NTNV	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
NTHV	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
NTLV	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
NTNV	n20	5785	Ant1	5784.92	-80000	-13.83	25	Pass
NTHV	n20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
NTLV	n20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
NTNV	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
NTHV	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
NTLV	n20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
NTNV	n20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
NTHV	n20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
NTLV	n20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
NTNV	n20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
NTHV	n20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
NTLV	n20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
NTNV	n20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
NTHV	n20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
NTLV	n20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
NTNV	n20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
NTHV	n20	5260	Ant2	5259.94	-60000	-11.41	25	Pass
NTLV	n20	5280	Ant2	5279.92	-80000	-15.15	25	Pass
NTNV	n20	5280	Ant2	5279.96	-40000	-7.58	25	Pass
NTHV	n20	5280	Ant2	5279.96	-40000	-7.58	25	Pass
NTLV	n20	5320	Ant2	5319.94	-60000	-11.28	25	Pass
NTNV	n20	5320	Ant2	5319.98	-20000	-3.76	25	Pass
NTHV	n20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
NTLV	n20	5500	Ant2	5499.94	-60000	-10.91	25	Pass
NTNV	n20	5500	Ant2	5499.94	-60000	-10.91	25	Pass
NTHV	n20	5500	Ant2	5499.94	-60000	-10.91	25	Pass
NTLV	n20	5580	Ant2	5579.96	-40000	-7.17	25	Pass

NTNV	n20	5580	Ant2	5579.94	-60000	-10.75	25	Pass
NTHV	n20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
NTLV	n20	5700	Ant2	5699.98	-20000	-3.51	25	Pass
NTNV	n20	5700	Ant2	5699.92	-80000	-14.04	25	Pass
NTHV	n20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
NTLV	n20	5745	Ant2	5744.98	-20000	-3.48	25	Pass
NTNV	n20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
NTHV	n20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
NTLV	n20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
NTNV	n20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
NTHV	n20	5785	Ant2	5784.92	-80000	-13.83	25	Pass
NTLV	n20	5825	Ant2	5824.92	-80000	-13.73	25	Pass
NTNV	n20	5825	Ant2	5824.98	-20000	-3.43	25	Pass
NTHV	n20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
NTLV	n20	5180	Ant3	5179.94	-60000	-11.58	25	Pass
NTNV	n20	5180	Ant3	5179.94	-60000	-11.58	25	Pass
NTHV	n20	5180	Ant3	5179.98	-20000	-3.86	25	Pass
NTLV	n20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
NTNV	n20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
NTHV	n20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
NTLV	n20	5240	Ant3	5239.98	-20000	-3.82	25	Pass
NTNV	n20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
NTHV	n20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
NTLV	n20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
NTNV	n20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
NTHV	n20	5260	Ant3	5259.94	-60000	-11.41	25	Pass
NTLV	n20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
NTNV	n20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
NTHV	n20	5280	Ant3	5279.98	-20000	-3.79	25	Pass
NTLV	n20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
NTNV	n20	5320	Ant3	5319.92	-80000	-15.04	25	Pass
NTHV	n20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
NTLV	n20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
NTNV	n20	5500	Ant3	5499.94	-60000	-10.91	25	Pass
NTHV	n20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
NTLV	n20	5580	Ant3	5579.94	-60000	-10.75	25	Pass
NTNV	n20	5580	Ant3	5579.94	-60000	-10.75	25	Pass
NTHV	n20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
NTLV	n20	5700	Ant3	5699.98	-20000	-3.51	25	Pass
NTNV	n20	5700	Ant3	5699.98	-20000	-3.51	25	Pass
NTHV	n20	5700	Ant3	5699.96	-40000	-7.02	25	Pass
NTLV	n20	5745	Ant3	5744.94	-60000	-10.44	25	Pass
NTNV	n20	5745	Ant3	5744.92	-80000	-13.93	25	Pass

NTHV	n20	5745	Ant3	5744.92	-80000	-13.93	25	Pass
NTLV	n20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
NTNV	n20	5785	Ant3	5784.94	-60000	-10.37	25	Pass
NTHV	n20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
NTLV	n20	5825	Ant3	5824.94	-60000	-10.3	25	Pass
NTNV	n20	5825	Ant3	5824.94	-60000	-10.3	25	Pass
NTHV	n20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
NTLV	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
NTNV	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
NTHV	n40	5190	Ant1	5190	0	0	25	Pass
NTLV	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
NTNV	n40	5230	Ant1	5230	0	0	25	Pass
NTHV	n40	5230	Ant1	5230.12	120000	22.94	25	Pass
NTLV	n40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
NTNV	n40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
NTHV	n40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
NTLV	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
NTNV	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
NTHV	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
NTLV	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
NTNV	n40	5510	Ant1	5510	0	0	25	Pass
NTHV	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
NTLV	n40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
NTNV	n40	5550	Ant1	5549.92	-80000	-14.41	25	Pass
NTHV	n40	5550	Ant1	5550	0	0	25	Pass
NTLV	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
NTNV	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
NTHV	n40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
NTLV	n40	5755	Ant1	5754.95996	-40040.04	-6.96	25	Pass
NTNV	n40	5755	Ant1	5754.91992	-80080.08	-13.91	25	Pass
NTHV	n40	5755	Ant1	5754.95996	-40040.04	-6.96	25	Pass
NTLV	n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
NTNV	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
NTHV	n40	5795	Ant1	5795.12	120000	20.71	25	Pass
NTLV	n40	5190	Ant2	5190.08	80000	15.41	25	Pass
NTNV	n40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
NTHV	n40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
NTLV	n40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
NTNV	n40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
NTHV	n40	5230	Ant2	5230	0	0	25	Pass
NTLV	n40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
NTNV	n40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
NTHV	n40	5270	Ant2	5269.96	-40000	-7.59	25	Pass

N TLV	n40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
N TNV	n40	5310	Ant2	5309.92	-80000	-15.07	25	Pass
N THV	n40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
N TLV	n40	5510	Ant2	5509.92	-80000	-14.52	25	Pass
N TNV	n40	5510	Ant2	5510.08	80000	14.52	25	Pass
N THV	n40	5510	Ant2	5509.92	-80000	-14.52	25	Pass
N TLV	n40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
N TNV	n40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
N THV	n40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
N TLV	n40	5670	Ant2	5669.88	-120000	-21.16	25	Pass
N TNV	n40	5670	Ant2	5669.92	-80000	-14.11	25	Pass
N THV	n40	5670	Ant2	5669.88	-120000	-21.16	25	Pass
N TLV	n40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
N TNV	n40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
N THV	n40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
N TLV	n40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
N TNV	n40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
N THV	n40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
N TLV	n40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
N TNV	n40	5190	Ant3	5190.04	40000	7.71	25	Pass
N THV	n40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
N TLV	n40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
N TNV	n40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
N THV	n40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
N TLV	n40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
N TNV	n40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
N THV	n40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
N TLV	n40	5310	Ant3	5309.92	-80000	-15.07	25	Pass
N TNV	n40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
N THV	n40	5310	Ant3	5309.88	-120000	-22.6	25	Pass
N TLV	n40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
N TNV	n40	5510	Ant3	5509.92	-80000	-14.52	25	Pass
N THV	n40	5510	Ant3	5509.92	-80000	-14.52	25	Pass
N TLV	n40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
N TNV	n40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
N THV	n40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
N TLV	n40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
N TNV	n40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
N THV	n40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
N TLV	n40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
N TNV	n40	5755	Ant3	5754.92	-80000	-13.9	25	Pass
N THV	n40	5755	Ant3	5754.92	-80000	-13.9	25	Pass
N TLV	n40	5795	Ant3	5794.96	-40000	-6.9	25	Pass

NTNV	n40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
NTHV	n40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
NTLV	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
NTNV	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
NTHV	ac20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
NTLV	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
NTNV	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
NTHV	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
NTLV	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
NTNV	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
NTHV	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
NTLV	ac20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
NTNV	ac20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
NTHV	ac20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
NTLV	ac20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
NTNV	ac20	5280	Ant1	5279.98	-20000	-3.79	25	Pass
NTHV	ac20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
NTLV	ac20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
NTNV	ac20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
NTHV	ac20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
NTLV	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
NTNV	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
NTHV	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
NTLV	ac20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
NTNV	ac20	5580	Ant1	5579.94	-60000	-10.75	25	Pass
NTHV	ac20	5580	Ant1	5579.94	-60000	-10.75	25	Pass
NTLV	ac20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
NTNV	ac20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
NTHV	ac20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
NTLV	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
NTNV	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
NTHV	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
NTLV	ac20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
NTNV	ac20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
NTHV	ac20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
NTLV	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
NTNV	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
NTHV	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
NTLV	ac20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
NTNV	ac20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
NTHV	ac20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
NTLV	ac20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
NTNV	ac20	5200	Ant2	5200	0	0	25	Pass

NTHV	ac20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
NTHV	ac20	5240	Ant2	5239.94	-60000	-11.45	25	Pass
NTNV	ac20	5240	Ant2	5239.94	-60000	-11.45	25	Pass
NTHV	ac20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
NTHV	ac20	5260	Ant2	5259.98	-20000	-3.8	25	Pass
NTNV	ac20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
NTHV	ac20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
NTHV	ac20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
NTNV	ac20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
NTHV	ac20	5280	Ant2	5279.92	-80000	-15.15	25	Pass
NTHV	ac20	5320	Ant2	5320	0	0	25	Pass
NTNV	ac20	5320	Ant2	5319.94	-60000	-11.28	25	Pass
NTHV	ac20	5320	Ant2	5319.94	-60000	-11.28	25	Pass
NTHV	ac20	5500	Ant2	5499.92	-80000	-14.55	25	Pass
NTNV	ac20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
NTHV	ac20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
NTHV	ac20	5580	Ant2	5579.94	-60000	-10.75	25	Pass
NTNV	ac20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
NTHV	ac20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
NTHV	ac20	5700	Ant2	5699.98	-20000	-3.51	25	Pass
NTNV	ac20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
NTHV	ac20	5700	Ant2	5699.92	-80000	-14.04	25	Pass
NTHV	ac20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
NTNV	ac20	5745	Ant2	5744.92	-80000	-13.93	25	Pass
NTHV	ac20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
NTHV	ac20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
NTNV	ac20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
NTHV	ac20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
NTHV	ac20	5825	Ant2	5824.92	-80000	-13.73	25	Pass
NTNV	ac20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
NTHV	ac20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
NTHV	ac20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
NTNV	ac20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
NTHV	ac20	5180	Ant3	5179.94	-60000	-11.58	25	Pass
NTHV	ac20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
NTNV	ac20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
NTHV	ac20	5200	Ant3	5199.94	-60000	-11.54	25	Pass
NTHV	ac20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
NTNV	ac20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
NTHV	ac20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
NTHV	ac20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
NTNV	ac20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
NTHV	ac20	5260	Ant3	5259.96	-40000	-7.6	25	Pass

N TLV	ac20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
N TNV	ac20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
N THV	ac20	5280	Ant3	5279.98	-20000	-3.79	25	Pass
N TLV	ac20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
N TNV	ac20	5320	Ant3	5319.94	-60000	-11.28	25	Pass
N THV	ac20	5320	Ant3	5319.94	-60000	-11.28	25	Pass
N TLV	ac20	5500	Ant3	5499.94	-60000	-10.91	25	Pass
N TNV	ac20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
N THV	ac20	5500	Ant3	5499.98	-20000	-3.64	25	Pass
N TLV	ac20	5580	Ant3	5579.94	-60000	-10.75	25	Pass
N TNV	ac20	5580	Ant3	5579.92	-80000	-14.34	25	Pass
N THV	ac20	5580	Ant3	5579.9	-100000	-17.92	25	Pass
N TLV	ac20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
N TNV	ac20	5700	Ant3	5699.96	-40000	-7.02	25	Pass
N THV	ac20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
N TLV	ac20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
N TNV	ac20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
N THV	ac20	5745	Ant3	5744.94	-60000	-10.44	25	Pass
N TLV	ac20	5785	Ant3	5784.98	-20000	-3.46	25	Pass
N TNV	ac20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
N THV	ac20	5785	Ant3	5784.94	-60000	-10.37	25	Pass
N TLV	ac20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
N TNV	ac20	5825	Ant3	5824.92	-80000	-13.73	25	Pass
N THV	ac20	5825	Ant3	5824.94	-60000	-10.3	25	Pass
N TLV	ac40	5190	Ant1	5190.08	80000	15.41	25	Pass
N TNV	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
N THV	ac40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
N TLV	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
N TNV	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
N THV	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
N TLV	ac40	5270	Ant1	5270.04	40000	7.59	25	Pass
N TNV	ac40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
N THV	ac40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
N TLV	ac40	5310	Ant1	5310	0	0	25	Pass
N TNV	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
N THV	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
N TLV	ac40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
N TNV	ac40	5510	Ant1	5510.08	80000	14.52	25	Pass
N THV	ac40	5510	Ant1	5510.08	80000	14.52	25	Pass
N TLV	ac40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
N TNV	ac40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
N THV	ac40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
N TLV	ac40	5670	Ant1	5670	0	0	25	Pass

NTNV	ac40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
NTHV	ac40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
NTNV	ac40	5755	Ant1	5754.96	-40000	-6.95	24	Pass
NTHV	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
NTNV	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
NTHV	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
NTHV	ac40	5190	Ant2	5190	0	0	25	Pass
NTNV	ac40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
NTHV	ac40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
NTHV	ac40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
NTNV	ac40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
NTHV	ac40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
NTHV	ac40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
NTNV	ac40	5270	Ant2	5270	0	0	25	Pass
NTHV	ac40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
NTHV	ac40	5310	Ant2	5309.92	-80000	-15.07	25	Pass
NTNV	ac40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
NTHV	ac40	5310	Ant2	5309.92	-80000	-15.07	25	Pass
NTHV	ac40	5510	Ant2	5510.04	40000	7.26	25	Pass
NTNV	ac40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
NTHV	ac40	5510	Ant2	5509.92	-80000	-14.52	25	Pass
NTHV	ac40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
NTNV	ac40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
NTHV	ac40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
NTHV	ac40	5670	Ant2	5669.92	-80000	-14.11	25	Pass
NTNV	ac40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
NTHV	ac40	5670	Ant2	5669.92	-80000	-14.11	25	Pass
NTHV	ac40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
NTNV	ac40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
NTHV	ac40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
NTHV	ac40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
NTNV	ac40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
NTHV	ac40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
NTHV	ac40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
NTNV	ac40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
NTHV	ac40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
NTHV	ac40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
NTNV	ac40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
NTHV	ac40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
NTHV	ac40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
NTNV	ac40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
NTHV	ac40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
NTHV	ac40	5310	Ant3	5309.96	-40000	-7.53	25	Pass

NTNV	ac40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
NTHV	ac40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
NTLV	ac40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
NTNV	ac40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
NTHV	ac40	5510	Ant3	5509.92	-80000	-14.52	25	Pass
NTLV	ac40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
NTNV	ac40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
NTHV	ac40	5550	Ant3	5549.92	-80000	-14.41	25	Pass
NTLV	ac40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
NTNV	ac40	5670	Ant3	5669.92	-80000	-14.11	25	Pass
NTHV	ac40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
NTLV	ac40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
NTNV	ac40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
NTHV	ac40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
NTLV	ac40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
NTNV	ac40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
NTHV	ac40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
NTLV	ac80	5210	Ant1	5210	0	0	25	Pass
NTNV	ac80	5210	Ant1	5210	0	0	25	Pass
NTHV	ac80	5210	Ant1	5210	0	0	25	Pass
NTLV	ac80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
NTNV	ac80	5290	Ant1	5290	0	0	25	Pass
NTHV	ac80	5290	Ant1	5290	0	0	25	Pass
NTLV	ac80	5530	Ant1	5530	0	0	25	Pass
NTNV	ac80	5530	Ant1	5530	0	0	25	Pass
NTHV	ac80	5530	Ant1	5530	0	0	25	Pass
NTLV	ac80	5610	Ant1	5610	0	0	25	Pass
NTNV	ac80	5610	Ant1	5610	0	0	25	Pass
NTHV	ac80	5610	Ant1	5610	0	0	25	Pass
NTLV	ac80	5775	Ant1	5775	0	0	25	Pass
NTNV	ac80	5775	Ant1	5774.92	-80000	-13.85	25	Pass
NTHV	ac80	5775	Ant1	5774.92	-80000	-13.85	25	Pass
NTLV	ac80	5210	Ant2	5210	0	0	25	Pass
NTNV	ac80	5210	Ant2	5210	0	0	25	Pass
NTHV	ac80	5210	Ant2	5210	0	0	25	Pass
NTLV	ac80	5290	Ant2	5289.92	-80000	-15.12	25	Pass
NTNV	ac80	5290	Ant2	5290	0	0	25	Pass
NTHV	ac80	5290	Ant2	5290	0	0	25	Pass
NTLV	ac80	5530	Ant2	5530	0	0	25	Pass
NTNV	ac80	5530	Ant2	5530	0	0	25	Pass
NTHV	ac80	5530	Ant2	5530	0	0	25	Pass
NTLV	ac80	5610	Ant2	5609.92	-80000	-14.26	25	Pass
NTNV	ac80	5610	Ant2	5609.92	-80000	-14.26	25	Pass

NTHV	ac80	5610	Ant2	5610	0	0	25	Pass
NTHV	ac80	5775	Ant2	5774.92	-80000	-13.85	25	Pass
NTNV	ac80	5775	Ant2	5775	0	0	25	Pass
NTHV	ac80	5775	Ant2	5774.92	-80000	-13.85	25	Pass
NTHV	ac80	5210	Ant3	5209.92	-80000	-15.36	25	Pass
NTNV	ac80	5210	Ant3	5209.92	-80000	-15.36	25	Pass
NTHV	ac80	5210	Ant3	5210	0	0	25	Pass
NTHV	ac80	5290	Ant3	5290	0	0	25	Pass
NTNV	ac80	5290	Ant3	5290	0	0	25	Pass
NTHV	ac80	5290	Ant3	5290	0	0	25	Pass
NTHV	ac80	5530	Ant3	5529.92	-80000	-14.47	25	Pass
NTNV	ac80	5530	Ant3	5530	0	0	25	Pass
NTHV	ac80	5530	Ant3	5530	0	0	25	Pass
NTHV	ac80	5610	Ant3	5610	0	0	25	Pass
NTNV	ac80	5610	Ant3	5609.92	-80000	-14.26	25	Pass
NTHV	ac80	5610	Ant3	5610	0	0	25	Pass
NTHV	ac80	5775	Ant3	5775	0	0	25	Pass
NTNV	ac80	5775	Ant3	5774.92	-80000	-13.85	25	Pass
NTHV	ac80	5775	Ant3	5775	0	0	25	Pass
NTHV	ax160	5250	Ant1	5250	0	0	25	Pass
NTNV	ax160	5250	Ant1	5250	0	0	25	Pass
NTHV	ax160	5250	Ant1	5250	0	0	25	Pass
NTHV	ax160	5570	Ant1	5570	0	0	25	Pass
NTNV	ax160	5570	Ant1	5570	0	0	25	Pass
NTHV	ax160	5570	Ant1	5570	0	0	25	Pass
NTHV	ax160	5250	Ant2	5249.936	-64000	-12.19	25	Pass
NTNV	ax160	5250	Ant2	5249.952	-48000	-9.14	25	Pass
NTHV	ax160	5250	Ant2	5249.936	-64000	-12.19	25	Pass
NTHV	ax160	5570	Ant2	5569.968	-32000	-5.75	25	Pass
NTNV	ax160	5570	Ant2	5569.92	-80000	-14.36	25	Pass
NTHV	ax160	5570	Ant2	5569.968	-32000	-5.75	25	Pass
NTHV	ax160	5250	Ant3	5249.984	-16000	-3.05	25	Pass
NTNV	ax160	5250	Ant3	5249.952	-48000	-9.14	25	Pass
NTHV	ax160	5250	Ant3	5249.952	-48000	-9.14	25	Pass
NTHV	ax160	5570	Ant3	5569.984	-16000	-2.87	25	Pass
NTNV	ax160	5570	Ant3	5569.952	-48000	-8.62	25	Pass
NTHV	ax160	5570	Ant3	5569.952	-48000	-8.62	25	Pass
NTHV	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
NTNV	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
NTHV	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
NTHV	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
NTNV	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
NTHV	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass

N TLV	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
N TNV	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
N THV	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
N TLV	ax20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
N TNV	ax20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
N THV	ax20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
N TLV	ax20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
N TNV	ax20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
N THV	ax20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
N TLV	ax20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
N TNV	ax20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
N THV	ax20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
N TLV	ax20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
N TNV	ax20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
N THV	ax20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
N TLV	ax20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
N TNV	ax20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
N THV	ax20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
N TLV	ax20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
N TNV	ax20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
N THV	ax20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
N TLV	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
N TNV	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
N THV	ax20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
N TLV	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
N TNV	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
N THV	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
N TLV	ax20	5825	Ant1	5825	0	0	25	Pass
N TNV	ax20	5825	Ant1	5825	0	0	25	Pass
N THV	ax20	5825	Ant1	5825	0	0	25	Pass
N TLV	ax20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
N TNV	ax20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
N THV	ax20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
N TLV	ax20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
N TNV	ax20	5200	Ant2	5199.94	-60000	-11.54	25	Pass
N THV	ax20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
N TLV	ax20	5240	Ant2	5239.92	-80000	-15.27	25	Pass
N TNV	ax20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
N THV	ax20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
N TLV	ax20	5260	Ant2	5259.94	-60000	-11.41	25	Pass
N TNV	ax20	5260	Ant2	5259.94	-60000	-11.41	25	Pass
N THV	ax20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
N TLV	ax20	5280	Ant2	5279.96	-40000	-7.58	25	Pass

NTNV	ax20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
NTHV	ax20	5280	Ant2	5279.96	-40000	-7.58	25	Pass
NTLV	ax20	5320	Ant2	5319.94	-60000	-11.28	25	Pass
NTNV	ax20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
NTHV	ax20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
NTLV	ax20	5500	Ant2	5499.94	-60000	-10.91	25	Pass
NTNV	ax20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
NTHV	ax20	5500	Ant2	5499.94	-60000	-10.91	25	Pass
NTLV	ax20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
NTNV	ax20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
NTHV	ax20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
NTLV	ax20	5700	Ant2	5699.94	-60000	-10.53	25	Pass
NTNV	ax20	5700	Ant2	5699.92	-80000	-14.04	25	Pass
NTHV	ax20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
NTLV	ax20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
NTNV	ax20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
NTHV	ax20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
NTLV	ax20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
NTNV	ax20	5785	Ant2	5784.92	-80000	-13.83	25	Pass
NTHV	ax20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
NTLV	ax20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
NTNV	ax20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
NTHV	ax20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
NTLV	ax20	5180	Ant3	5179.94	-60000	-11.58	25	Pass
NTNV	ax20	5180	Ant3	5179.94	-60000	-11.58	25	Pass
NTHV	ax20	5180	Ant3	5179.94	-60000	-11.58	25	Pass
NTLV	ax20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
NTNV	ax20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
NTHV	ax20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
NTLV	ax20	5240	Ant3	5239.92	-80000	-15.27	25	Pass
NTNV	ax20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
NTHV	ax20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
NTLV	ax20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
NTNV	ax20	5260	Ant3	5259.92	-80000	-15.21	25	Pass
NTHV	ax20	5260	Ant3	5259.94	-60000	-11.41	25	Pass
NTLV	ax20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
NTNV	ax20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
NTHV	ax20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
NTLV	ax20	5320	Ant3	5319.94	-60000	-11.28	25	Pass
NTNV	ax20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
NTHV	ax20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
NTLV	ax20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
NTNV	ax20	5500	Ant3	5499.96	-40000	-7.27	25	Pass

NTHV	ax20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
NTLV	ax20	5580	Ant3	5579.94	-60000	-10.75	25	Pass
NTNV	ax20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
NTHV	ax20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
NTLV	ax20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
NTNV	ax20	5700	Ant3	5699.96	-40000	-7.02	25	Pass
NTHV	ax20	5700	Ant3	5699.96	-40000	-7.02	25	Pass
NTLV	ax20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
NTNV	ax20	5745	Ant3	5744.98	-20000	-3.48	25	Pass
NTHV	ax20	5745	Ant3	5744.92	-80000	-13.93	25	Pass
NTLV	ax20	5785	Ant3	5784.94	-60000	-10.37	25	Pass
NTNV	ax20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
NTHV	ax20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
NTLV	ax20	5825	Ant3	5824.94	-60000	-10.3	25	Pass
NTNV	ax20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
NTHV	ax20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
NTLV	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
NTNV	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
NTHV	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
NTLV	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
NTNV	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
NTHV	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
NTLV	ax40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
NTNV	ax40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
NTHV	ax40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
NTLV	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
NTNV	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
NTHV	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
NTLV	ax40	5510	Ant1	5509.88	-120000	-21.78	25	Pass
NTNV	ax40	5510	Ant1	5509.88	-120000	-21.78	25	Pass
NTHV	ax40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
NTLV	ax40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
NTNV	ax40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
NTHV	ax40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
NTLV	ax40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
NTNV	ax40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
NTHV	ax40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
NTLV	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
NTNV	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
NTHV	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
NTLV	ax40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
NTNV	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
NTHV	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass

NTLV	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
NTNV	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
NTHV	ax40	5190	Ant2	5190.04	40000	7.71	25	Pass
NTLV	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
NTNV	ax40	5230	Ant2	5229.92	-80000	-15.3	25	Pass
NTHV	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
NTLV	ax40	5270	Ant2	5269.92	-80000	-15.18	25	Pass
NTNV	ax40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
NTHV	ax40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
NTLV	ax40	5310	Ant2	5309.92	-80000	-15.07	25	Pass
NTNV	ax40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
NTHV	ax40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
NTLV	ax40	5510	Ant2	5509.92	-80000	-14.52	25	Pass
NTNV	ax40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
NTHV	ax40	5510	Ant2	5509.92	-80000	-14.52	25	Pass
NTLV	ax40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
NTNV	ax40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
NTHV	ax40	5550	Ant2	5549.92	-80000	-14.41	25	Pass
NTLV	ax40	5670	Ant2	5669.92	-80000	-14.11	25	Pass
NTNV	ax40	5670	Ant2	5669.92	-80000	-14.11	25	Pass
NTHV	ax40	5670	Ant2	5669.92	-80000	-14.11	25	Pass
NTLV	ax40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
NTNV	ax40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
NTHV	ax40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
NTLV	ax40	5795	Ant2	5795	0	0	25	Pass
NTNV	ax40	5795	Ant2	5795	0	0	25	Pass
NTHV	ax40	5795	Ant2	5795	0	0	25	Pass
NTLV	ax40	5190	Ant3	5190	0	0	25	Pass
NTNV	ax40	5190	Ant3	5190	0	0	25	Pass
NTHV	ax40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
NTLV	ax40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
NTNV	ax40	5230	Ant3	5230	0	0	25	Pass
NTHV	ax40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
NTLV	ax40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
NTNV	ax40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
NTHV	ax40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
NTLV	ax40	5310	Ant3	5309.92	-80000	-15.07	25	Pass
NTNV	ax40	5310	Ant3	5309.92	-80000	-15.07	25	Pass
NTHV	ax40	5310	Ant3	5309.92	-80000	-15.07	25	Pass
NTLV	ax40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
NTNV	ax40	5510	Ant3	5509.92	-80000	-14.52	25	Pass
NTHV	ax40	5510	Ant3	5509.92	-80000	-14.52	25	Pass
NTLV	ax40	5550	Ant3	5549.92	-80000	-14.41	25	Pass

NTNV	ax40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
NTHV	ax40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
NTLV	ax40	5670	Ant3	5669.92	-80000	-14.11	25	Pass
NTNV	ax40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
NTHV	ax40	5670	Ant3	5669.92	-80000	-14.11	25	Pass
NTLV	ax40	5755	Ant3	5754.92	-80000	-13.9	25	Pass
NTNV	ax40	5755	Ant3	5754.92	-80000	-13.9	25	Pass
NTHV	ax40	5755	Ant3	5754.92	-80000	-13.9	25	Pass
NTLV	ax40	5795	Ant3	5794.92	-80000	-13.81	25	Pass
NTNV	ax40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
NTHV	ax40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
NTLV	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
NTNV	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
NTHV	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
NTLV	ax80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
NTNV	ax80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
NTHV	ax80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
NTLV	ax80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
NTNV	ax80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
NTHV	ax80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
NTLV	ax80	5610	Ant1	5609.92	-80000	-14.26	25	Pass
NTNV	ax80	5610	Ant1	5609.92	-80000	-14.26	25	Pass
NTHV	ax80	5610	Ant1	5609.92	-80000	-14.26	25	Pass
NTLV	ax80	5775	Ant1	5774.92	-80000	-13.85	25	Pass
NTNV	ax80	5775	Ant1	5774.92	-80000	-13.85	25	Pass
NTHV	ax80	5775	Ant1	5774.92	-80000	-13.85	25	Pass
NTLV	ax80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
NTNV	ax80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
NTHV	ax80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
NTLV	ax80	5290	Ant2	5289.92	-80000	-15.12	25	Pass
NTNV	ax80	5290	Ant2	5289.92	-80000	-15.12	25	Pass
NTHV	ax80	5290	Ant2	5289.92	-80000	-15.12	25	Pass
NTLV	ax80	5530	Ant2	5529.92	-80000	-14.47	25	Pass
NTNV	ax80	5530	Ant2	5529.92	-80000	-14.47	25	Pass
NTHV	ax80	5530	Ant2	5529.92	-80000	-14.47	25	Pass
NTLV	ax80	5610	Ant2	5609.92	-80000	-14.26	25	Pass
NTNV	ax80	5610	Ant2	5609.92	-80000	-14.26	25	Pass
NTHV	ax80	5610	Ant2	5609.92	-80000	-14.26	25	Pass
NTLV	ax80	5775	Ant2	5774.92	-80000	-13.85	25	Pass
NTNV	ax80	5775	Ant2	5774.92	-80000	-13.85	25	Pass
NTHV	ax80	5775	Ant2	5774.92	-80000	-13.85	25	Pass
NTLV	ax80	5210	Ant3	5209.92	-80000	-15.36	25	Pass
NTNV	ax80	5210	Ant3	5209.92	-80000	-15.36	25	Pass

NTHV	ax80	5210	Ant3	5209.92	-80000	-15.36	25	Pass
NTLV	ax80	5290	Ant3	5289.92	-80000	-15.12	25	Pass
NTNV	ax80	5290	Ant3	5289.92	-80000	-15.12	25	Pass
NTHV	ax80	5290	Ant3	5289.92	-80000	-15.12	25	Pass
NTLV	ax80	5530	Ant3	5529.92	-80000	-14.47	25	Pass
NTNV	ax80	5530	Ant3	5529.92	-80000	-14.47	25	Pass
NTHV	ax80	5530	Ant3	5529.92	-80000	-14.47	25	Pass
NTLV	ax80	5610	Ant3	5609.92	-80000	-14.26	25	Pass
NTNV	ax80	5610	Ant3	5609.92	-80000	-14.26	25	Pass
NTHV	ax80	5610	Ant3	5609.92	-80000	-14.26	25	Pass
NTLV	ax80	5775	Ant3	5774.92	-80000	-13.85	25	Pass
NTNV	ax80	5775	Ant3	5774.92	-80000	-13.85	25	Pass
NTHV	ax80	5775	Ant3	5774.92	-80000	-13.85	25	Pass

Normal Voltage

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
0℃	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10℃	a	5180	Ant1	5179.94	-60000	-11.58	25	Pass
30℃	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
40℃	a	5180	Ant1	5179.96	-40000	-7.72	25	Pass
0℃	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
10℃	a	5200	Ant1	5199.98	-20000	-3.85	25	Pass
30℃	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
40℃	a	5200	Ant1	5199.96	-40000	-7.69	25	Pass
0℃	a	5240	Ant1	5239.94	-60000	-11.45	25	Pass
10℃	a	5240	Ant1	5239.94	-60000	-11.45	25	Pass
30℃	a	5240	Ant1	5239.98	-20000	-3.82	25	Pass
40℃	a	5240	Ant1	5239.94	-60000	-11.45	25	Pass
0℃	a	5260	Ant1	5259.96	-40000	-7.6	25	Pass
10℃	a	5260	Ant1	5259.96	-40000	-7.6	25	Pass
30℃	a	5260	Ant1	5259.96	-40000	-7.6	25	Pass
40℃	a	5260	Ant1	5259.96	-40000	-7.6	25	Pass
0℃	a	5280	Ant1	5279.96	-40000	-7.58	25	Pass
10℃	a	5280	Ant1	5279.94	-60000	-11.36	25	Pass
30℃	a	5280	Ant1	5279.96	-40000	-7.58	25	Pass
40℃	a	5280	Ant1	5279.96	-40000	-7.58	25	Pass
0℃	a	5320	Ant1	5319.92	-80000	-15.04	25	Pass
10℃	a	5320	Ant1	5319.98	-20000	-3.76	25	Pass
30℃	a	5320	Ant1	5319.94	-60000	-11.28	25	Pass
40℃	a	5320	Ant1	5319.96	-40000	-7.52	25	Pass
0℃	a	5500	Ant1	5499.96	-40000	-7.27	25	Pass
10℃	a	5500	Ant1	5500	0	0	25	Pass
30℃	a	5500	Ant1	5499.92	-80000	-14.55	25	Pass

40℃	a	5500	Ant1	5499.94	-60000	-10.91	25	Pass
0℃	a	5580	Ant1	5579.98	-20000	-3.58	25	Pass
10℃	a	5580	Ant1	5579.98	-20000	-3.58	25	Pass
30℃	a	5580	Ant1	5579.96	-40000	-7.17	25	Pass
40℃	a	5580	Ant1	5579.96	-40000	-7.17	25	Pass
0℃	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
10℃	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
30℃	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
40℃	a	5700	Ant1	5699.96	-40000	-7.02	25	Pass
0℃	a	5745	Ant1	5744.94	-60000	-10.44	25	Pass
10℃	a	5745	Ant1	5744.94	-60000	-10.44	25	Pass
30℃	a	5745	Ant1	5744.96	-40000	-6.96	25	Pass
40℃	a	5745	Ant1	5744.98	-20000	-3.48	25	Pass
0℃	a	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10℃	a	5785	Ant1	5784.96	-40000	-6.91	25	Pass
30℃	a	5785	Ant1	5784.96	-40000	-6.91	25	Pass
40℃	a	5785	Ant1	5784.94	-60000	-10.37	25	Pass
0℃	a	5825	Ant1	5824.94	-60000	-10.3	25	Pass
10℃	a	5825	Ant1	5824.96	-40000	-6.87	25	Pass
30℃	a	5825	Ant1	5824.94	-60000	-10.3	25	Pass
40℃	a	5825	Ant1	5824.94	-60000	-10.3	25	Pass
0℃	a	5180	Ant2	5179.96	-40000	-7.72	25	Pass
10℃	a	5180	Ant2	5179.94	-60000	-11.58	25	Pass
30℃	a	5180	Ant2	5179.98	-20000	-3.86	25	Pass
40℃	a	5180	Ant2	5179.96	-40000	-7.72	25	Pass
0℃	a	5200	Ant2	5199.96	-40000	-7.69	25	Pass
10℃	a	5200	Ant2	5199.96	-40000	-7.69	25	Pass
30℃	a	5200	Ant2	5199.96	-40000	-7.69	25	Pass
40℃	a	5200	Ant2	5199.98	-20000	-3.85	25	Pass
0℃	a	5240	Ant2	5239.96	-40000	-7.63	25	Pass
10℃	a	5240	Ant2	5239.96	-40000	-7.63	25	Pass
30℃	a	5240	Ant2	5239.96	-40000	-7.63	25	Pass
40℃	a	5240	Ant2	5239.96	-40000	-7.63	25	Pass
0℃	a	5260	Ant2	5259.96	-40000	-7.6	25	Pass
10℃	a	5260	Ant2	5259.94	-60000	-11.41	25	Pass
30℃	a	5260	Ant2	5259.94	-60000	-11.41	25	Pass
40℃	a	5260	Ant2	5259.96	-40000	-7.6	25	Pass
0℃	a	5280	Ant2	5279.98	-20000	-3.79	25	Pass
10℃	a	5280	Ant2	5279.98	-20000	-3.79	25	Pass
30℃	a	5280	Ant2	5279.94	-60000	-11.36	25	Pass
40℃	a	5280	Ant2	5279.98	-20000	-3.79	25	Pass
0℃	a	5320	Ant2	5319.98	-20000	-3.76	25	Pass
10℃	a	5320	Ant2	5319.94	-60000	-11.28	25	Pass
30℃	a	5320	Ant2	5319.96	-40000	-7.52	25	Pass
40℃	a	5320	Ant2	5319.92	-80000	-15.04	25	Pass

0℃	a	5500	Ant2	5499.96	-40000	-7.27	25	Pass
10℃	a	5500	Ant2	5499.96	-40000	-7.27	25	Pass
30℃	a	5500	Ant2	5499.98	-20000	-3.64	25	Pass
40℃	a	5500	Ant2	5499.96	-40000	-7.27	25	Pass
0℃	a	5580	Ant2	5579.96	-40000	-7.17	25	Pass
10℃	a	5580	Ant2	5579.96	-40000	-7.17	25	Pass
30℃	a	5580	Ant2	5579.96	-40000	-7.17	25	Pass
40℃	a	5580	Ant2	5579.96	-40000	-7.17	25	Pass
0℃	a	5700	Ant2	5699.94	-60000	-10.53	25	Pass
10℃	a	5700	Ant2	5699.96	-40000	-7.02	25	Pass
30℃	a	5700	Ant2	5699.98	-20000	-3.51	25	Pass
40℃	a	5700	Ant2	5699.96	-40000	-7.02	25	Pass
0℃	a	5745	Ant2	5744.94	-60000	-10.44	25	Pass
10℃	a	5745	Ant2	5744.94	-60000	-10.44	25	Pass
30℃	a	5745	Ant2	5744.94	-60000	-10.44	25	Pass
40℃	a	5745	Ant2	5744.96	-40000	-6.96	25	Pass
0℃	a	5785	Ant2	5784.94	-60000	-10.37	25	Pass
10℃	a	5785	Ant2	5784.94	-60000	-10.37	25	Pass
30℃	a	5785	Ant2	5784.94	-60000	-10.37	25	Pass
40℃	a	5785	Ant2	5784.94	-60000	-10.37	25	Pass
0℃	a	5825	Ant2	5824.96	-40000	-6.87	25	Pass
10℃	a	5825	Ant2	5824.96	-40000	-6.87	25	Pass
30℃	a	5825	Ant2	5824.98	-20000	-3.43	25	Pass
40℃	a	5825	Ant2	5824.94	-60000	-10.3	25	Pass
0℃	a	5180	Ant3	5179.96	-40000	-7.72	25	Pass
10℃	a	5180	Ant3	5179.92	-80000	-15.44	25	Pass
30℃	a	5180	Ant3	5179.98	-20000	-3.86	25	Pass
40℃	a	5180	Ant3	5179.96	-40000	-7.72	25	Pass
0℃	a	5200	Ant3	5199.96	-40000	-7.69	25	Pass
10℃	a	5200	Ant3	5199.98	-20000	-3.85	25	Pass
30℃	a	5200	Ant3	5199.96	-40000	-7.69	25	Pass
40℃	a	5200	Ant3	5199.96	-40000	-7.69	25	Pass
0℃	a	5240	Ant3	5239.96	-40000	-7.63	25	Pass
10℃	a	5240	Ant3	5239.94	-60000	-11.45	25	Pass
30℃	a	5240	Ant3	5239.96	-40000	-7.63	25	Pass
40℃	a	5240	Ant3	5239.98	-20000	-3.82	25	Pass
0℃	a	5260	Ant3	5259.96	-40000	-7.6	25	Pass
10℃	a	5260	Ant3	5259.98	-20000	-3.8	25	Pass
30℃	a	5260	Ant3	5259.96	-40000	-7.6	25	Pass
40℃	a	5260	Ant3	5259.94	-60000	-11.41	25	Pass
0℃	a	5280	Ant3	5279.96	-40000	-7.58	25	Pass
10℃	a	5280	Ant3	5279.92	-80000	-15.15	25	Pass
30℃	a	5280	Ant3	5279.98	-20000	-3.79	25	Pass
40℃	a	5280	Ant3	5279.98	-20000	-3.79	25	Pass
0℃	a	5320	Ant3	5319.96	-40000	-7.52	25	Pass

10℃	a	5320	Ant3	5319.96	-40000	-7.52	25	Pass
30℃	a	5320	Ant3	5319.98	-20000	-3.76	25	Pass
40℃	a	5320	Ant3	5319.92	-80000	-15.04	25	Pass
0℃	a	5500	Ant3	5499.96	-40000	-7.27	25	Pass
10℃	a	5500	Ant3	5499.98	-20000	-3.64	25	Pass
30℃	a	5500	Ant3	5499.94	-60000	-10.91	25	Pass
40℃	a	5500	Ant3	5499.98	-20000	-3.64	25	Pass
0℃	a	5580	Ant3	5579.94	-60000	-10.75	25	Pass
10℃	a	5580	Ant3	5579.98	-20000	-3.58	25	Pass
30℃	a	5580	Ant3	5579.96	-40000	-7.17	25	Pass
40℃	a	5580	Ant3	5579.96	-40000	-7.17	25	Pass
0℃	a	5700	Ant3	5699.94	-60000	-10.53	25	Pass
10℃	a	5700	Ant3	5699.94	-60000	-10.53	25	Pass
30℃	a	5700	Ant3	5699.96	-40000	-7.02	25	Pass
40℃	a	5700	Ant3	5699.94	-60000	-10.53	25	Pass
0℃	a	5745	Ant3	5744.96	-40000	-6.96	25	Pass
10℃	a	5745	Ant3	5744.94	-60000	-10.44	25	Pass
30℃	a	5745	Ant3	5744.96	-40000	-6.96	25	Pass
40℃	a	5745	Ant3	5744.94	-60000	-10.44	25	Pass
0℃	a	5785	Ant3	5784.94	-60000	-10.37	25	Pass
10℃	a	5785	Ant3	5784.94	-60000	-10.37	25	Pass
30℃	a	5785	Ant3	5784.96	-40000	-6.91	25	Pass
40℃	a	5785	Ant3	5784.94	-60000	-10.37	25	Pass
0℃	a	5825	Ant3	5825	0	0	25	Pass
10℃	a	5825	Ant3	5825	0	0	25	Pass
30℃	a	5825	Ant3	5825	0	0	25	Pass
40℃	a	5825	Ant3	5825	0	0	25	Pass
0℃	n20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
10℃	n20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
30℃	n20	5180	Ant1	5179.92	-80000	-15.44	25	Pass
40℃	n20	5180	Ant1	5179.94	-60000	-11.58	25	Pass
0℃	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
10℃	n20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
30℃	n20	5200	Ant1	5200	0	0	25	Pass
40℃	n20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
0℃	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
10℃	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
30℃	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
40℃	n20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
0℃	n20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
10℃	n20	5260	Ant1	5259.94	-60000	-11.41	25	Pass
30℃	n20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
40℃	n20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
0℃	n20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
10℃	n20	5280	Ant1	5279.96	-40000	-7.58	25	Pass

30℃	n20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
40℃	n20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
0℃	n20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
10℃	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
30℃	n20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
40℃	n20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
0℃	n20	5500	Ant1	5499.92	-80000	-14.55	25	Pass
10℃	n20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
30℃	n20	5500	Ant1	5499.88	-120000	-21.82	25	Pass
40℃	n20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
0℃	n20	5580	Ant1	5579.98	-20000	-3.58	25	Pass
10℃	n20	5580	Ant1	5579.94	-60000	-10.75	25	Pass
30℃	n20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
40℃	n20	5580	Ant1	5579.94	-60000	-10.75	25	Pass
0℃	n20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
10℃	n20	5700	Ant1	5699.92	-80000	-14.04	25	Pass
30℃	n20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
40℃	n20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
0℃	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
10℃	n20	5745	Ant1	5744.94	-60000	-10.44	25	Pass
30℃	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
40℃	n20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
0℃	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
10℃	n20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
30℃	n20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
40℃	n20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
0℃	n20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
10℃	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
30℃	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
40℃	n20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
0℃	n20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
10℃	n20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
30℃	n20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
40℃	n20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
0℃	n20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
10℃	n20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
30℃	n20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
40℃	n20	5200	Ant2	5199.98	-20000	-3.85	25	Pass
0℃	n20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
10℃	n20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
30℃	n20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
40℃	n20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
0℃	n20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
10℃	n20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
30℃	n20	5260	Ant2	5259.94	-60000	-11.41	25	Pass

40℃	n20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
0℃	n20	5280	Ant2	5279.96	-40000	-7.58	25	Pass
10℃	n20	5280	Ant2	5279.98	-20000	-3.79	25	Pass
30℃	n20	5280	Ant2	5279.98	-20000	-3.79	25	Pass
40℃	n20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
0℃	n20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
10℃	n20	5320	Ant2	5319.94	-60000	-11.28	25	Pass
30℃	n20	5320	Ant2	5319.94	-60000	-11.28	25	Pass
40℃	n20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
0℃	n20	5500	Ant2	5499.98	-20000	-3.64	25	Pass
10℃	n20	5500	Ant2	5499.92	-80000	-14.55	25	Pass
30℃	n20	5500	Ant2	5499.94	-60000	-10.91	25	Pass
40℃	n20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
0℃	n20	5580	Ant2	5579.98	-20000	-3.58	25	Pass
10℃	n20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
30℃	n20	5580	Ant2	5579.94	-60000	-10.75	25	Pass
40℃	n20	5580	Ant2	5579.98	-20000	-3.58	25	Pass
0℃	n20	5700	Ant2	5699.94	-60000	-10.53	25	Pass
10℃	n20	5700	Ant2	5699.92	-80000	-14.04	25	Pass
30℃	n20	5700	Ant2	5699.92	-80000	-14.04	25	Pass
40℃	n20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
0℃	n20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
10℃	n20	5745	Ant2	5744.92	-80000	-13.93	25	Pass
30℃	n20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
40℃	n20	5745	Ant2	5744.98	-20000	-3.48	25	Pass
0℃	n20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
10℃	n20	5785	Ant2	5784.92	-80000	-13.83	25	Pass
30℃	n20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
40℃	n20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
0℃	n20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
10℃	n20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
30℃	n20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
40℃	n20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
0℃	n20	5180	Ant3	5179.94	-60000	-11.58	25	Pass
10℃	n20	5180	Ant3	5179.98	-20000	-3.86	25	Pass
30℃	n20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
40℃	n20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
0℃	n20	5200	Ant3	5199.94	-60000	-11.54	25	Pass
10℃	n20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
30℃	n20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
40℃	n20	5200	Ant3	5199.98	-20000	-3.85	25	Pass
0℃	n20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
10℃	n20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
30℃	n20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
40℃	n20	5240	Ant3	5239.94	-60000	-11.45	25	Pass

0℃	n20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
10℃	n20	5260	Ant3	5259.94	-60000	-11.41	25	Pass
30℃	n20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
40℃	n20	5260	Ant3	5259.94	-60000	-11.41	25	Pass
0℃	n20	5280	Ant3	5279.98	-20000	-3.79	25	Pass
10℃	n20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
30℃	n20	5280	Ant3	5279.98	-20000	-3.79	25	Pass
40℃	n20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
0℃	n20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
10℃	n20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
30℃	n20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
40℃	n20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
0℃	n20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
10℃	n20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
30℃	n20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
40℃	n20	5500	Ant3	5499.94	-60000	-10.91	25	Pass
0℃	n20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
10℃	n20	5580	Ant3	5579.98	-20000	-3.58	25	Pass
30℃	n20	5580	Ant3	5579.94	-60000	-10.75	25	Pass
40℃	n20	5580	Ant3	5579.94	-60000	-10.75	25	Pass
0℃	n20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
10℃	n20	5700	Ant3	5699.96	-40000	-7.02	25	Pass
30℃	n20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
40℃	n20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
0℃	n20	5745	Ant3	5744.94	-60000	-10.44	25	Pass
10℃	n20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
30℃	n20	5745	Ant3	5744.94	-60000	-10.44	25	Pass
40℃	n20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
0℃	n20	5785	Ant3	5784.94	-60000	-10.37	25	Pass
10℃	n20	5785	Ant3	5784.94	-60000	-10.37	25	Pass
30℃	n20	5785	Ant3	5784.94	-60000	-10.37	25	Pass
40℃	n20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
0℃	n20	5825	Ant3	5824.94	-60000	-10.3	25	Pass
10℃	n20	5825	Ant3	5824.98	-20000	-3.43	25	Pass
30℃	n20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
40℃	n20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
0℃	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10℃	n40	5190	Ant1	5190.12	120000	23.12	25	Pass
30℃	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
40℃	n40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
0℃	n40	5230	Ant1	5230	0	0	25	Pass
10℃	n40	5230	Ant1	5230.12	120000	22.94	25	Pass
30℃	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40℃	n40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
0℃	n40	5270	Ant1	5269.92	-80000	-15.18	25	Pass

10℃	n40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
30℃	n40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
40℃	n40	5270	Ant1	5270	0	0	25	Pass
0℃	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
10℃	n40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
30℃	n40	5310	Ant1	5309.88	-120000	-22.6	25	Pass
40℃	n40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
0℃	n40	5510	Ant1	5510	0	0	25	Pass
10℃	n40	5510	Ant1	5510	0	0	25	Pass
30℃	n40	5510	Ant1	5510	0	0	25	Pass
40℃	n40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
0℃	n40	5550	Ant1	5549.92	-80000	-14.41	25	Pass
10℃	n40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
30℃	n40	5550	Ant1	5550	0	0	25	Pass
40℃	n40	5550	Ant1	5549.92	-80000	-14.41	25	Pass
0℃	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
10℃	n40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
30℃	n40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
40℃	n40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
0℃	n40	5755	Ant1	5754.9599 6	-40040.04	-6.96	25	Pass
10℃	n40	5755	Ant1	5754.9599 6	-40040.04	-6.96	25	Pass
30℃	n40	5755	Ant1	5754.9199 2	-80080.08	-13.91	25	Pass
40℃	n40	5755	Ant1	5754.9199 2	-80080.08	-13.91	25	Pass
0℃	n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
10℃	n40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
30℃	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
40℃	n40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
0℃	n40	5190	Ant2	5190.08	80000	15.41	25	Pass
10℃	n40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
30℃	n40	5190	Ant2	5190	0	0	25	Pass
40℃	n40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
0℃	n40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
10℃	n40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
30℃	n40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
40℃	n40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
0℃	n40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
10℃	n40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
30℃	n40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
40℃	n40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
0℃	n40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
10℃	n40	5310	Ant2	5309.92	-80000	-15.07	25	Pass
30℃	n40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
40℃	n40	5310	Ant2	5309.88	-120000	-22.6	25	Pass

0℃	n40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
10℃	n40	5510	Ant2	5510	0	0	25	Pass
30℃	n40	5510	Ant2	5510	0	0	25	Pass
40℃	n40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
0℃	n40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
10℃	n40	5550	Ant2	5549.92	-80000	-14.41	25	Pass
30℃	n40	5550	Ant2	5550	0	0	25	Pass
40℃	n40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
0℃	n40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
10℃	n40	5670	Ant2	5669.92	-80000	-14.11	25	Pass
30℃	n40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
40℃	n40	5670	Ant2	5670	0	0	25	Pass
0℃	n40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
10℃	n40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
30℃	n40	5755	Ant2	5754.88	-120000	-20.85	25	Pass
40℃	n40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
0℃	n40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
10℃	n40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
30℃	n40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
40℃	n40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
0℃	n40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
10℃	n40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
30℃	n40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
40℃	n40	5190	Ant3	5189.92	-80000	-15.41	25	Pass
0℃	n40	5230	Ant3	5230	0	0	25	Pass
10℃	n40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
30℃	n40	5230	Ant3	5230	0	0	25	Pass
40℃	n40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
0℃	n40	5270	Ant3	5270	0	0	25	Pass
10℃	n40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
30℃	n40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
40℃	n40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
0℃	n40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
10℃	n40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
30℃	n40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
40℃	n40	5310	Ant3	5309.92	-80000	-15.07	25	Pass
0℃	n40	5510	Ant3	5509.92	-80000	-14.52	25	Pass
10℃	n40	5510	Ant3	5510.04	40000	7.26	25	Pass
30℃	n40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
40℃	n40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
0℃	n40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
10℃	n40	5550	Ant3	5549.92	-80000	-14.41	25	Pass
30℃	n40	5550	Ant3	5550.08	80000	14.41	25	Pass
40℃	n40	5550	Ant3	5550	0	0	25	Pass
0℃	n40	5670	Ant3	5669.96	-40000	-7.05	25	Pass

10℃	n40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
30℃	n40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
40℃	n40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
0℃	n40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
10℃	n40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
30℃	n40	5755	Ant3	5754.92	-80000	-13.9	25	Pass
40℃	n40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
0℃	n40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
10℃	n40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
30℃	n40	5795	Ant3	5794.92	-80000	-13.81	25	Pass
40℃	n40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
0℃	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
10℃	ac20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
30℃	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
40℃	ac20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
0℃	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
10℃	ac20	5200	Ant1	5199.94	-60000	-11.54	25	Pass
30℃	ac20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
40℃	ac20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
0℃	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
10℃	ac20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
30℃	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
40℃	ac20	5240	Ant1	5239.98	-20000	-3.82	25	Pass
0℃	ac20	5260	Ant1	5260	0	0	25	Pass
10℃	ac20	5260	Ant1	5260	0	0	25	Pass
30℃	ac20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
40℃	ac20	5260	Ant1	5259.98	-20000	-3.8	25	Pass
0℃	ac20	5280	Ant1	5279.98	-20000	-3.79	25	Pass
10℃	ac20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
30℃	ac20	5280	Ant1	5279.98	-20000	-3.79	25	Pass
40℃	ac20	5280	Ant1	5279.94	-60000	-11.36	25	Pass
0℃	ac20	5320	Ant1	5319.94	-60000	-11.28	25	Pass
10℃	ac20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
30℃	ac20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
40℃	ac20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
0℃	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
10℃	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
30℃	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
40℃	ac20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
0℃	ac20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
10℃	ac20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
30℃	ac20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
40℃	ac20	5580	Ant1	5580	0	0	25	Pass
0℃	ac20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
10℃	ac20	5700	Ant1	5699.98	-20000	-3.51	25	Pass

30℃	ac20	5700	Ant1	5699.94	-60000	-10.53	25	Pass
40℃	ac20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
0℃	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
10℃	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
30℃	ac20	5745	Ant1	5744.98	-20000	-3.48	25	Pass
40℃	ac20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
0℃	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10℃	ac20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
30℃	ac20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
40℃	ac20	5785	Ant1	5784.94	-60000	-10.37	25	Pass
0℃	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
10℃	ac20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
30℃	ac20	5825	Ant1	5824.96	-40000	-6.87	25	Pass
40℃	ac20	5825	Ant1	5824.94	-60000	-10.3	25	Pass
0℃	ac20	5180	Ant2	5179.98	-20000	-3.86	25	Pass
10℃	ac20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
30℃	ac20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
40℃	ac20	5180	Ant2	5179.94	-60000	-11.58	25	Pass
0℃	ac20	5200	Ant2	5199.94	-60000	-11.54	25	Pass
10℃	ac20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
30℃	ac20	5200	Ant2	5199.94	-60000	-11.54	25	Pass
40℃	ac20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
0℃	ac20	5240	Ant2	5239.98	-20000	-3.82	25	Pass
10℃	ac20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
30℃	ac20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
40℃	ac20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
0℃	ac20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
10℃	ac20	5260	Ant2	5259.98	-20000	-3.8	25	Pass
30℃	ac20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
40℃	ac20	5260	Ant2	5259.98	-20000	-3.8	25	Pass
0℃	ac20	5280	Ant2	5279.96	-40000	-7.58	25	Pass
10℃	ac20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
30℃	ac20	5280	Ant2	5279.96	-40000	-7.58	25	Pass
40℃	ac20	5280	Ant2	5279.96	-40000	-7.58	25	Pass
0℃	ac20	5320	Ant2	5319.92	-80000	-15.04	25	Pass
10℃	ac20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
30℃	ac20	5320	Ant2	5319.94	-60000	-11.28	25	Pass
40℃	ac20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
0℃	ac20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
10℃	ac20	5500	Ant2	5499.98	-20000	-3.64	25	Pass
30℃	ac20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
40℃	ac20	5500	Ant2	5499.98	-20000	-3.64	25	Pass
0℃	ac20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
10℃	ac20	5580	Ant2	5579.94	-60000	-10.75	25	Pass
30℃	ac20	5580	Ant2	5579.96	-40000	-7.17	25	Pass

40℃	ac20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
0℃	ac20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
10℃	ac20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
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40℃	ac20	5700	Ant2	5699.94	-60000	-10.53	25	Pass
0℃	ac20	5745	Ant2	5744.92	-80000	-13.93	25	Pass
10℃	ac20	5745	Ant2	5744.96	-40000	-6.96	25	Pass
30℃	ac20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
40℃	ac20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
0℃	ac20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
10℃	ac20	5785	Ant2	5784.92	-80000	-13.83	25	Pass
30℃	ac20	5785	Ant2	5784.98	-20000	-3.46	25	Pass
40℃	ac20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
0℃	ac20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
10℃	ac20	5825	Ant2	5824.92	-80000	-13.73	25	Pass
30℃	ac20	5825	Ant2	5824.92	-80000	-13.73	25	Pass
40℃	ac20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
0℃	ac20	5180	Ant3	5179.94	-60000	-11.58	25	Pass
10℃	ac20	5180	Ant3	5179.94	-60000	-11.58	25	Pass
30℃	ac20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
40℃	ac20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
0℃	ac20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
10℃	ac20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
30℃	ac20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
40℃	ac20	5200	Ant3	5199.94	-60000	-11.54	25	Pass
0℃	ac20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
10℃	ac20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
30℃	ac20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
40℃	ac20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
0℃	ac20	5260	Ant3	5259.98	-20000	-3.8	25	Pass
10℃	ac20	5260	Ant3	5259.94	-60000	-11.41	25	Pass
30℃	ac20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
40℃	ac20	5260	Ant3	5259.94	-60000	-11.41	25	Pass
0℃	ac20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
10℃	ac20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
30℃	ac20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
40℃	ac20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
0℃	ac20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
10℃	ac20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
30℃	ac20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
40℃	ac20	5320	Ant3	5319.98	-20000	-3.76	25	Pass
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10℃	ac20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
30℃	ac20	5500	Ant3	5499.98	-20000	-3.64	25	Pass
40℃	ac20	5500	Ant3	5499.98	-20000	-3.64	25	Pass

0℃	ac20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
10℃	ac20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
30℃	ac20	5580	Ant3	5579.98	-20000	-3.58	25	Pass
40℃	ac20	5580	Ant3	5579.92	-80000	-14.34	25	Pass
0℃	ac20	5700	Ant3	5699.92	-80000	-14.04	25	Pass
10℃	ac20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
30℃	ac20	5700	Ant3	5699.92	-80000	-14.04	25	Pass
40℃	ac20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
0℃	ac20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
10℃	ac20	5745	Ant3	5744.94	-60000	-10.44	25	Pass
30℃	ac20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
40℃	ac20	5745	Ant3	5744.98	-20000	-3.48	25	Pass
0℃	ac20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
10℃	ac20	5785	Ant3	5784.94	-60000	-10.37	25	Pass
30℃	ac20	5785	Ant3	5784.94	-60000	-10.37	25	Pass
40℃	ac20	5785	Ant3	5784.94	-60000	-10.37	25	Pass
0℃	ac20	5825	Ant3	5824.92	-80000	-13.73	25	Pass
10℃	ac20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
30℃	ac20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
40℃	ac20	5825	Ant3	5824.94	-60000	-10.3	25	Pass
0℃	ac40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
10℃	ac40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
30℃	ac40	5190	Ant1	5190	0	0	25	Pass
40℃	ac40	5190	Ant1	5190.12	120000	23.12	25	Pass
0℃	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
10℃	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
30℃	ac40	5230	Ant1	5230.08	80000	15.3	25	Pass
40℃	ac40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
0℃	ac40	5270	Ant1	5269.88	-120000	-22.77	25	Pass
10℃	ac40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
30℃	ac40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
40℃	ac40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
0℃	ac40	5310	Ant1	5310	0	0	25	Pass
10℃	ac40	5310	Ant1	5310	0	0	25	Pass
30℃	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
40℃	ac40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
0℃	ac40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
10℃	ac40	5510	Ant1	5510	0	0	25	Pass
30℃	ac40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
40℃	ac40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
0℃	ac40	5550	Ant1	5550.04	40000	7.21	25	Pass
10℃	ac40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
30℃	ac40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
40℃	ac40	5550	Ant1	5549.92	-80000	-14.41	25	Pass
0℃	ac40	5670	Ant1	5669.92	-80000	-14.11	25	Pass

10℃	ac40	5670	Ant1	5670	0	0	25	Pass
30℃	ac40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
40℃	ac40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
0℃	ac40	5755	Ant1	5754.96	-40000	-6.95	24	Pass
10℃	ac40	5755	Ant1	5754.96	-40000	-6.95	24	Pass
30℃	ac40	5755	Ant1	5754.96	-40000	-6.95	24	Pass
40℃	ac40	5755	Ant1	5754.96	-40000	-6.95	24	Pass
0℃	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
10℃	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
30℃	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
40℃	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
0℃	ac40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
10℃	ac40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
30℃	ac40	5190	Ant2	5190	0	0	25	Pass
40℃	ac40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
0℃	ac40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
10℃	ac40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
30℃	ac40	5230	Ant2	5229.88	-120000	-22.94	25	Pass
40℃	ac40	5230	Ant2	5230.04	40000	7.65	25	Pass
0℃	ac40	5270	Ant2	5269.92	-80000	-15.18	25	Pass
10℃	ac40	5270	Ant2	5270.04	40000	7.59	25	Pass
30℃	ac40	5270	Ant2	5269.92	-80000	-15.18	25	Pass
40℃	ac40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
0℃	ac40	5310	Ant2	5309.92	-80000	-15.07	25	Pass
10℃	ac40	5310	Ant2	5309.92	-80000	-15.07	25	Pass
30℃	ac40	5310	Ant2	5309.92	-80000	-15.07	25	Pass
40℃	ac40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
0℃	ac40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
10℃	ac40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
30℃	ac40	5510	Ant2	5510.04	40000	7.26	25	Pass
40℃	ac40	5510	Ant2	5509.92	-80000	-14.52	25	Pass
0℃	ac40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
10℃	ac40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
30℃	ac40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
40℃	ac40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
0℃	ac40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
10℃	ac40	5670	Ant2	5669.92	-80000	-14.11	25	Pass
30℃	ac40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
40℃	ac40	5670	Ant2	5669.96	-40000	-7.05	25	Pass
0℃	ac40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
10℃	ac40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
30℃	ac40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
40℃	ac40	5755	Ant2	5754.96	-40000	-6.95	25	Pass
0℃	ac40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
10℃	ac40	5795	Ant2	5794.96	-40000	-6.9	25	Pass

30℃	ac40	5795	Ant2	5794.96	-40000	-6.9	25	Pass
40℃	ac40	5795	Ant2	5794.92	-80000	-13.81	25	Pass
0℃	ac40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
10℃	ac40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
30℃	ac40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
40℃	ac40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
0℃	ac40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
10℃	ac40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
30℃	ac40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
40℃	ac40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
0℃	ac40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
10℃	ac40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
30℃	ac40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
40℃	ac40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
0℃	ac40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
10℃	ac40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
30℃	ac40	5310	Ant3	5309.92	-80000	-15.07	25	Pass
40℃	ac40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
0℃	ac40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
10℃	ac40	5510	Ant3	5509.92	-80000	-14.52	25	Pass
30℃	ac40	5510	Ant3	5509.92	-80000	-14.52	25	Pass
40℃	ac40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
0℃	ac40	5550	Ant3	5549.92	-80000	-14.41	25	Pass
10℃	ac40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
30℃	ac40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
40℃	ac40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
0℃	ac40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
10℃	ac40	5670	Ant3	5669.92	-80000	-14.11	25	Pass
30℃	ac40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
40℃	ac40	5670	Ant3	5669.92	-80000	-14.11	25	Pass
0℃	ac40	5755	Ant3	5754.92	-80000	-13.9	25	Pass
10℃	ac40	5755	Ant3	5754.92	-80000	-13.9	25	Pass
30℃	ac40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
40℃	ac40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
0℃	ac40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
10℃	ac40	5795	Ant3	5794.92	-80000	-13.81	25	Pass
30℃	ac40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
40℃	ac40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
0℃	ac80	5210	Ant1	5210	0	0	25	Pass
10℃	ac80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
30℃	ac80	5210	Ant1	5210	0	0	25	Pass
40℃	ac80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
0℃	ac80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
10℃	ac80	5290	Ant1	5290	0	0	25	Pass
30℃	ac80	5290	Ant1	5289.92	-80000	-15.12	25	Pass

40℃	ac80	5290	Ant1	5290	0	0	25	Pass
0℃	ac80	5530	Ant1	5530	0	0	25	Pass
10℃	ac80	5530	Ant1	5530	0	0	25	Pass
30℃	ac80	5530	Ant1	5530	0	0	25	Pass
40℃	ac80	5530	Ant1	5530	0	0	25	Pass
0℃	ac80	5610	Ant1	5610	0	0	25	Pass
10℃	ac80	5610	Ant1	5610	0	0	25	Pass
30℃	ac80	5610	Ant1	5610	0	0	25	Pass
40℃	ac80	5610	Ant1	5610	0	0	25	Pass
0℃	ac80	5775	Ant1	5774.92	-80000	-13.85	25	Pass
10℃	ac80	5775	Ant1	5774.92	-80000	-13.85	25	Pass
30℃	ac80	5775	Ant1	5774.92	-80000	-13.85	25	Pass
40℃	ac80	5775	Ant1	5775	0	0	25	Pass
0℃	ac80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
10℃	ac80	5210	Ant2	5210	0	0	25	Pass
30℃	ac80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
40℃	ac80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
0℃	ac80	5290	Ant2	5289.92	-80000	-15.12	25	Pass
10℃	ac80	5290	Ant2	5289.92	-80000	-15.12	25	Pass
30℃	ac80	5290	Ant2	5290	0	0	25	Pass
40℃	ac80	5290	Ant2	5289.92	-80000	-15.12	25	Pass
0℃	ac80	5530	Ant2	5530	0	0	25	Pass
10℃	ac80	5530	Ant2	5529.92	-80000	-14.47	25	Pass
30℃	ac80	5530	Ant2	5529.92	-80000	-14.47	25	Pass
40℃	ac80	5530	Ant2	5530	0	0	25	Pass
0℃	ac80	5610	Ant2	5610	0	0	25	Pass
10℃	ac80	5610	Ant2	5610	0	0	25	Pass
30℃	ac80	5610	Ant2	5609.92	-80000	-14.26	25	Pass
40℃	ac80	5610	Ant2	5610	0	0	25	Pass
0℃	ac80	5775	Ant2	5774.92	-80000	-13.85	25	Pass
10℃	ac80	5775	Ant2	5775	0	0	25	Pass
30℃	ac80	5775	Ant2	5775	0	0	25	Pass
40℃	ac80	5775	Ant2	5774.92	-80000	-13.85	25	Pass
0℃	ac80	5210	Ant3	5209.92	-80000	-15.36	25	Pass
10℃	ac80	5210	Ant3	5210	0	0	25	Pass
30℃	ac80	5210	Ant3	5210	0	0	25	Pass
40℃	ac80	5210	Ant3	5209.92	-80000	-15.36	25	Pass
0℃	ac80	5290	Ant3	5289.92	-80000	-15.12	25	Pass
10℃	ac80	5290	Ant3	5290	0	0	25	Pass
30℃	ac80	5290	Ant3	5289.92	-80000	-15.12	25	Pass
40℃	ac80	5290	Ant3	5290	0	0	25	Pass
0℃	ac80	5530	Ant3	5529.92	-80000	-14.47	25	Pass
10℃	ac80	5530	Ant3	5529.92	-80000	-14.47	25	Pass
30℃	ac80	5530	Ant3	5530	0	0	25	Pass
40℃	ac80	5530	Ant3	5530	0	0	25	Pass

0℃	ac80	5610	Ant3	5610	0	0	25	Pass
10℃	ac80	5610	Ant3	5609.92	-80000	-14.26	25	Pass
30℃	ac80	5610	Ant3	5609.92	-80000	-14.26	25	Pass
40℃	ac80	5610	Ant3	5609.92	-80000	-14.26	25	Pass
0℃	ac80	5775	Ant3	5774.92	-80000	-13.85	25	Pass
10℃	ac80	5775	Ant3	5774.92	-80000	-13.85	25	Pass
30℃	ac80	5775	Ant3	5774.92	-80000	-13.85	25	Pass
40℃	ac80	5775	Ant3	5775	0	0	25	Pass
0℃	ax160	5250	Ant1	5250	0	0	25	Pass
10℃	ax160	5250	Ant1	5250	0	0	25	Pass
30℃	ax160	5250	Ant1	5250	0	0	25	Pass
40℃	ax160	5250	Ant1	5250	0	0	25	Pass
0℃	ax160	5570	Ant1	5570	0	0	25	Pass
10℃	ax160	5570	Ant1	5570	0	0	25	Pass
30℃	ax160	5570	Ant1	5570	0	0	25	Pass
40℃	ax160	5570	Ant1	5570	0	0	25	Pass
0℃	ax160	5250	Ant2	5249.92	-80000	-15.24	25	Pass
10℃	ax160	5250	Ant2	5249.936	-64000	-12.19	25	Pass
30℃	ax160	5250	Ant2	5249.952	-48000	-9.14	25	Pass
40℃	ax160	5250	Ant2	5249.968	-32000	-6.1	25	Pass
0℃	ax160	5570	Ant2	5569.952	-48000	-8.62	25	Pass
10℃	ax160	5570	Ant2	5569.936	-64000	-11.49	25	Pass
30℃	ax160	5570	Ant2	5569.952	-48000	-8.62	25	Pass
40℃	ax160	5570	Ant2	5569.952	-48000	-8.62	25	Pass
0℃	ax160	5250	Ant3	5249.936	-64000	-12.19	25	Pass
10℃	ax160	5250	Ant3	5249.952	-48000	-9.14	25	Pass
30℃	ax160	5250	Ant3	5249.968	-32000	-6.1	25	Pass
40℃	ax160	5250	Ant3	5249.968	-32000	-6.1	25	Pass
0℃	ax160	5570	Ant3	5569.952	-48000	-8.62	25	Pass
10℃	ax160	5570	Ant3	5569.92	-80000	-14.36	25	Pass
30℃	ax160	5570	Ant3	5569.952	-48000	-8.62	25	Pass
40℃	ax160	5570	Ant3	5569.952	-48000	-8.62	25	Pass
0℃	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
10℃	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
30℃	ax20	5180	Ant1	5179.96	-40000	-7.72	25	Pass
40℃	ax20	5180	Ant1	5179.98	-20000	-3.86	25	Pass
0℃	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
10℃	ax20	5200	Ant1	5199.98	-20000	-3.85	25	Pass
30℃	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
40℃	ax20	5200	Ant1	5199.96	-40000	-7.69	25	Pass
0℃	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
10℃	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
30℃	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
40℃	ax20	5240	Ant1	5239.96	-40000	-7.63	25	Pass
0℃	ax20	5260	Ant1	5259.96	-40000	-7.6	25	Pass

10℃	ax20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
30℃	ax20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
40℃	ax20	5260	Ant1	5259.96	-40000	-7.6	25	Pass
0℃	ax20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
10℃	ax20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
30℃	ax20	5280	Ant1	5279.96	-40000	-7.58	25	Pass
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30℃	ax20	5320	Ant1	5319.96	-40000	-7.52	25	Pass
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10℃	ax20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
30℃	ax20	5500	Ant1	5499.94	-60000	-10.91	25	Pass
40℃	ax20	5500	Ant1	5499.96	-40000	-7.27	25	Pass
0℃	ax20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
10℃	ax20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
30℃	ax20	5580	Ant1	5579.98	-20000	-3.58	25	Pass
40℃	ax20	5580	Ant1	5579.96	-40000	-7.17	25	Pass
0℃	ax20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
10℃	ax20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
30℃	ax20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
40℃	ax20	5700	Ant1	5699.96	-40000	-7.02	25	Pass
0℃	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
10℃	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
30℃	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
40℃	ax20	5745	Ant1	5744.96	-40000	-6.96	25	Pass
0℃	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
10℃	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
30℃	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
40℃	ax20	5785	Ant1	5784.96	-40000	-6.91	25	Pass
0℃	ax20	5825	Ant1	5825	0	0	25	Pass
10℃	ax20	5825	Ant1	5825	0	0	25	Pass
30℃	ax20	5825	Ant1	5825	0	0	25	Pass
40℃	ax20	5825	Ant1	5825	0	0	25	Pass
0℃	ax20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
10℃	ax20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
30℃	ax20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
40℃	ax20	5180	Ant2	5179.96	-40000	-7.72	25	Pass
0℃	ax20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
10℃	ax20	5200	Ant2	5199.94	-60000	-11.54	25	Pass
30℃	ax20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
40℃	ax20	5200	Ant2	5199.96	-40000	-7.69	25	Pass
0℃	ax20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
10℃	ax20	5240	Ant2	5239.96	-40000	-7.63	25	Pass

30℃	ax20	5240	Ant2	5239.96	-40000	-7.63	25	Pass
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0℃	ax20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
10℃	ax20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
30℃	ax20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
40℃	ax20	5260	Ant2	5259.96	-40000	-7.6	25	Pass
0℃	ax20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
10℃	ax20	5280	Ant2	5280	0	0	25	Pass
30℃	ax20	5280	Ant2	5279.94	-60000	-11.36	25	Pass
40℃	ax20	5280	Ant2	5279.96	-40000	-7.58	25	Pass
0℃	ax20	5320	Ant2	5319.94	-60000	-11.28	25	Pass
10℃	ax20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
30℃	ax20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
40℃	ax20	5320	Ant2	5319.96	-40000	-7.52	25	Pass
0℃	ax20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
10℃	ax20	5500	Ant2	5499.94	-60000	-10.91	25	Pass
30℃	ax20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
40℃	ax20	5500	Ant2	5499.96	-40000	-7.27	25	Pass
0℃	ax20	5580	Ant2	5579.94	-60000	-10.75	25	Pass
10℃	ax20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
30℃	ax20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
40℃	ax20	5580	Ant2	5579.96	-40000	-7.17	25	Pass
0℃	ax20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
10℃	ax20	5700	Ant2	5699.96	-40000	-7.02	25	Pass
30℃	ax20	5700	Ant2	5699.94	-60000	-10.53	25	Pass
40℃	ax20	5700	Ant2	5699.94	-60000	-10.53	25	Pass
0℃	ax20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
10℃	ax20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
30℃	ax20	5745	Ant2	5744.94	-60000	-10.44	25	Pass
40℃	ax20	5745	Ant2	5744.92	-80000	-13.93	25	Pass
0℃	ax20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
10℃	ax20	5785	Ant2	5784.96	-40000	-6.91	25	Pass
30℃	ax20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
40℃	ax20	5785	Ant2	5784.94	-60000	-10.37	25	Pass
0℃	ax20	5825	Ant2	5824.94	-60000	-10.3	25	Pass
10℃	ax20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
30℃	ax20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
40℃	ax20	5825	Ant2	5824.96	-40000	-6.87	25	Pass
0℃	ax20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
10℃	ax20	5180	Ant3	5179.94	-60000	-11.58	25	Pass
30℃	ax20	5180	Ant3	5179.96	-40000	-7.72	25	Pass
40℃	ax20	5180	Ant3	5179.94	-60000	-11.58	25	Pass
0℃	ax20	5200	Ant3	5199.94	-60000	-11.54	25	Pass
10℃	ax20	5200	Ant3	5199.94	-60000	-11.54	25	Pass
30℃	ax20	5200	Ant3	5199.96	-40000	-7.69	25	Pass

40℃	ax20	5200	Ant3	5199.96	-40000	-7.69	25	Pass
0℃	ax20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
10℃	ax20	5240	Ant3	5239.96	-40000	-7.63	25	Pass
30℃	ax20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
40℃	ax20	5240	Ant3	5239.94	-60000	-11.45	25	Pass
0℃	ax20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
10℃	ax20	5260	Ant3	5259.92	-80000	-15.21	25	Pass
30℃	ax20	5260	Ant3	5259.96	-40000	-7.6	25	Pass
40℃	ax20	5260	Ant3	5259.92	-80000	-15.21	25	Pass
0℃	ax20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
10℃	ax20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
30℃	ax20	5280	Ant3	5279.96	-40000	-7.58	25	Pass
40℃	ax20	5280	Ant3	5279.94	-60000	-11.36	25	Pass
0℃	ax20	5320	Ant3	5319.92	-80000	-15.04	25	Pass
10℃	ax20	5320	Ant3	5319.94	-60000	-11.28	25	Pass
30℃	ax20	5320	Ant3	5319.94	-60000	-11.28	25	Pass
40℃	ax20	5320	Ant3	5319.96	-40000	-7.52	25	Pass
0℃	ax20	5500	Ant3	5499.94	-60000	-10.91	25	Pass
10℃	ax20	5500	Ant3	5499.94	-60000	-10.91	25	Pass
30℃	ax20	5500	Ant3	5499.94	-60000	-10.91	25	Pass
40℃	ax20	5500	Ant3	5499.96	-40000	-7.27	25	Pass
0℃	ax20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
10℃	ax20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
30℃	ax20	5580	Ant3	5579.98	-20000	-3.58	25	Pass
40℃	ax20	5580	Ant3	5579.96	-40000	-7.17	25	Pass
0℃	ax20	5700	Ant3	5699.98	-20000	-3.51	25	Pass
10℃	ax20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
30℃	ax20	5700	Ant3	5699.96	-40000	-7.02	25	Pass
40℃	ax20	5700	Ant3	5699.94	-60000	-10.53	25	Pass
0℃	ax20	5745	Ant3	5744.94	-60000	-10.44	25	Pass
10℃	ax20	5745	Ant3	5744.96	-40000	-6.96	25	Pass
30℃	ax20	5745	Ant3	5744.9	-100000	-17.41	25	Pass
40℃	ax20	5745	Ant3	5744.92	-80000	-13.93	25	Pass
0℃	ax20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
10℃	ax20	5785	Ant3	5784.96	-40000	-6.91	25	Pass
30℃	ax20	5785	Ant3	5784.88	-120000	-20.74	25	Pass
40℃	ax20	5785	Ant3	5784.94	-60000	-10.37	25	Pass
0℃	ax20	5825	Ant3	5824.96	-40000	-6.87	25	Pass
10℃	ax20	5825	Ant3	5824.94	-60000	-10.3	25	Pass
30℃	ax20	5825	Ant3	5824.94	-60000	-10.3	25	Pass
40℃	ax20	5825	Ant3	5824.94	-60000	-10.3	25	Pass
0℃	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass
10℃	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
30℃	ax40	5190	Ant1	5189.92	-80000	-15.41	25	Pass
40℃	ax40	5190	Ant1	5189.96	-40000	-7.71	25	Pass

0℃	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
10℃	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
30℃	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
40℃	ax40	5230	Ant1	5229.96	-40000	-7.65	25	Pass
0℃	ax40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
10℃	ax40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
30℃	ax40	5270	Ant1	5269.96	-40000	-7.59	25	Pass
40℃	ax40	5270	Ant1	5269.92	-80000	-15.18	25	Pass
0℃	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
10℃	ax40	5310	Ant1	5309.92	-80000	-15.07	25	Pass
30℃	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
40℃	ax40	5310	Ant1	5309.96	-40000	-7.53	25	Pass
0℃	ax40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
10℃	ax40	5510	Ant1	5509.96	-40000	-7.26	25	Pass
30℃	ax40	5510	Ant1	5509.88	-120000	-21.78	25	Pass
40℃	ax40	5510	Ant1	5509.92	-80000	-14.52	25	Pass
0℃	ax40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
10℃	ax40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
30℃	ax40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
40℃	ax40	5550	Ant1	5549.96	-40000	-7.21	25	Pass
0℃	ax40	5670	Ant1	5669.92	-80000	-14.11	25	Pass
10℃	ax40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
30℃	ax40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
40℃	ax40	5670	Ant1	5669.96	-40000	-7.05	25	Pass
0℃	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
10℃	ax40	5755	Ant1	5754.92	-80000	-13.9	25	Pass
30℃	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
40℃	ax40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
0℃	ax40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
10℃	ax40	5795	Ant1	5794.92	-80000	-13.81	25	Pass
30℃	ax40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
40℃	ax40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
0℃	ax40	5190	Ant2	5190.04	40000	7.71	25	Pass
10℃	ax40	5190	Ant2	5190.12	120000	23.12	25	Pass
30℃	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
40℃	ax40	5190	Ant2	5189.96	-40000	-7.71	25	Pass
0℃	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
10℃	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
30℃	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
40℃	ax40	5230	Ant2	5229.96	-40000	-7.65	25	Pass
0℃	ax40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
10℃	ax40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
30℃	ax40	5270	Ant2	5269.92	-80000	-15.18	25	Pass
40℃	ax40	5270	Ant2	5269.96	-40000	-7.59	25	Pass
0℃	ax40	5310	Ant2	5309.96	-40000	-7.53	25	Pass

10℃	ax40	5310	Ant2	5309.92	-80000	-15.07	25	Pass
30℃	ax40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
40℃	ax40	5310	Ant2	5309.96	-40000	-7.53	25	Pass
0℃	ax40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
10℃	ax40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
30℃	ax40	5510	Ant2	5509.96	-40000	-7.26	25	Pass
40℃	ax40	5510	Ant2	5509.92	-80000	-14.52	25	Pass
0℃	ax40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
10℃	ax40	5550	Ant2	5549.92	-80000	-14.41	25	Pass
30℃	ax40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
40℃	ax40	5550	Ant2	5549.96	-40000	-7.21	25	Pass
0℃	ax40	5670	Ant2	5669.92	-80000	-14.11	25	Pass
10℃	ax40	5670	Ant2	5669.92	-80000	-14.11	25	Pass
30℃	ax40	5670	Ant2	5669.92	-80000	-14.11	25	Pass
40℃	ax40	5670	Ant2	5669.92	-80000	-14.11	25	Pass
0℃	ax40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
10℃	ax40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
30℃	ax40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
40℃	ax40	5755	Ant2	5754.92	-80000	-13.9	25	Pass
0℃	ax40	5795	Ant2	5795	0	0	25	Pass
10℃	ax40	5795	Ant2	5795	0	0	25	Pass
30℃	ax40	5795	Ant2	5795	0	0	25	Pass
40℃	ax40	5795	Ant2	5795	0	0	25	Pass
0℃	ax40	5190	Ant3	5190	0	0	25	Pass
10℃	ax40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
30℃	ax40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
40℃	ax40	5190	Ant3	5189.96	-40000	-7.71	25	Pass
0℃	ax40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
10℃	ax40	5230	Ant3	5230	0	0	25	Pass
30℃	ax40	5230	Ant3	5229.96	-40000	-7.65	25	Pass
40℃	ax40	5230	Ant3	5230.04	40000	7.65	25	Pass
0℃	ax40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
10℃	ax40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
30℃	ax40	5270	Ant3	5269.92	-80000	-15.18	25	Pass
40℃	ax40	5270	Ant3	5269.96	-40000	-7.59	25	Pass
0℃	ax40	5310	Ant3	5309.92	-80000	-15.07	25	Pass
10℃	ax40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
30℃	ax40	5310	Ant3	5309.92	-80000	-15.07	25	Pass
40℃	ax40	5310	Ant3	5309.96	-40000	-7.53	25	Pass
0℃	ax40	5510	Ant3	5509.96	-40000	-7.26	25	Pass
10℃	ax40	5510	Ant3	5509.92	-80000	-14.52	25	Pass
30℃	ax40	5510	Ant3	5509.92	-80000	-14.52	25	Pass
40℃	ax40	5510	Ant3	5509.92	-80000	-14.52	25	Pass
0℃	ax40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
10℃	ax40	5550	Ant3	5549.96	-40000	-7.21	25	Pass

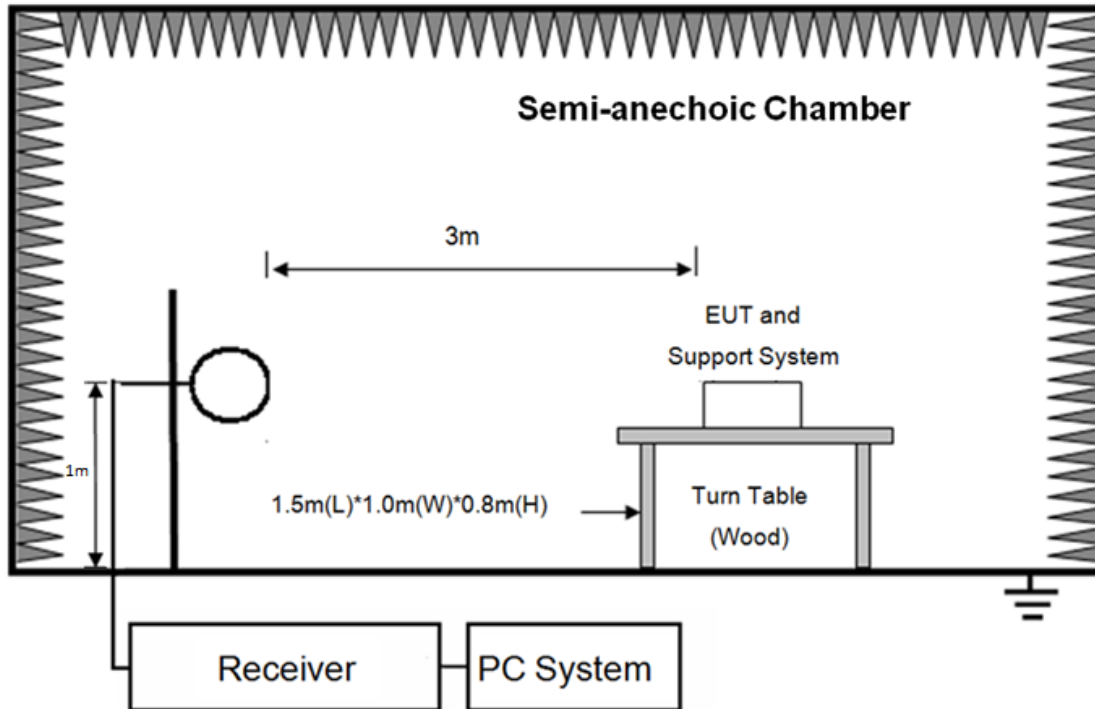
30℃	ax40	5550	Ant3	5549.92	-80000	-14.41	25	Pass
40℃	ax40	5550	Ant3	5549.96	-40000	-7.21	25	Pass
0℃	ax40	5670	Ant3	5669.96	-40000	-7.05	25	Pass
10℃	ax40	5670	Ant3	5669.92	-80000	-14.11	25	Pass
30℃	ax40	5670	Ant3	5669.92	-80000	-14.11	25	Pass
40℃	ax40	5670	Ant3	5669.92	-80000	-14.11	25	Pass
0℃	ax40	5755	Ant3	5754.92	-80000	-13.9	25	Pass
10℃	ax40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
30℃	ax40	5755	Ant3	5754.96	-40000	-6.95	25	Pass
40℃	ax40	5755	Ant3	5754.92	-80000	-13.9	25	Pass
0℃	ax40	5795	Ant3	5794.92	-80000	-13.81	25	Pass
10℃	ax40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
30℃	ax40	5795	Ant3	5794.92	-80000	-13.81	25	Pass
40℃	ax40	5795	Ant3	5794.96	-40000	-6.9	25	Pass
0℃	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
10℃	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
30℃	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
40℃	ax80	5210	Ant1	5209.92	-80000	-15.36	25	Pass
0℃	ax80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
10℃	ax80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
30℃	ax80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
40℃	ax80	5290	Ant1	5289.92	-80000	-15.12	25	Pass
0℃	ax80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
10℃	ax80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
30℃	ax80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
40℃	ax80	5530	Ant1	5529.92	-80000	-14.47	25	Pass
0℃	ax80	5610	Ant1	5609.92	-80000	-14.26	25	Pass
10℃	ax80	5610	Ant1	5609.92	-80000	-14.26	25	Pass
30℃	ax80	5610	Ant1	5609.92	-80000	-14.26	25	Pass
40℃	ax80	5610	Ant1	5609.92	-80000	-14.26	25	Pass
0℃	ax80	5775	Ant1	5774.92	-80000	-13.85	25	Pass
10℃	ax80	5775	Ant1	5774.92	-80000	-13.85	25	Pass
30℃	ax80	5775	Ant1	5774.92	-80000	-13.85	25	Pass
40℃	ax80	5775	Ant1	5774.92	-80000	-13.85	25	Pass
0℃	ax80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
10℃	ax80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
30℃	ax80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
40℃	ax80	5210	Ant2	5209.92	-80000	-15.36	25	Pass
0℃	ax80	5290	Ant2	5289.92	-80000	-15.12	25	Pass
10℃	ax80	5290	Ant2	5289.92	-80000	-15.12	25	Pass
30℃	ax80	5290	Ant2	5289.92	-80000	-15.12	25	Pass
40℃	ax80	5290	Ant2	5289.92	-80000	-15.12	25	Pass
0℃	ax80	5530	Ant2	5529.92	-80000	-14.47	25	Pass
10℃	ax80	5530	Ant2	5529.92	-80000	-14.47	25	Pass
30℃	ax80	5530	Ant2	5529.92	-80000	-14.47	25	Pass

40℃	ax80	5530	Ant2	5529.92	-80000	-14.47	25	Pass
0℃	ax80	5610	Ant2	5609.92	-80000	-14.26	25	Pass
10℃	ax80	5610	Ant2	5609.92	-80000	-14.26	25	Pass
30℃	ax80	5610	Ant2	5609.92	-80000	-14.26	25	Pass
40℃	ax80	5610	Ant2	5609.92	-80000	-14.26	25	Pass
0℃	ax80	5775	Ant2	5774.92	-80000	-13.85	25	Pass
10℃	ax80	5775	Ant2	5774.92	-80000	-13.85	25	Pass
30℃	ax80	5775	Ant2	5774.92	-80000	-13.85	25	Pass
40℃	ax80	5775	Ant2	5774.92	-80000	-13.85	25	Pass
0℃	ax80	5210	Ant3	5209.92	-80000	-15.36	25	Pass
10℃	ax80	5210	Ant3	5209.92	-80000	-15.36	25	Pass
30℃	ax80	5210	Ant3	5209.92	-80000	-15.36	25	Pass
40℃	ax80	5210	Ant3	5209.92	-80000	-15.36	25	Pass
0℃	ax80	5290	Ant3	5289.92	-80000	-15.12	25	Pass
10℃	ax80	5290	Ant3	5289.92	-80000	-15.12	25	Pass
30℃	ax80	5290	Ant3	5289.92	-80000	-15.12	25	Pass
40℃	ax80	5290	Ant3	5289.92	-80000	-15.12	25	Pass
0℃	ax80	5530	Ant3	5529.92	-80000	-14.47	25	Pass
10℃	ax80	5530	Ant3	5529.92	-80000	-14.47	25	Pass
30℃	ax80	5530	Ant3	5529.92	-80000	-14.47	25	Pass
40℃	ax80	5530	Ant3	5529.92	-80000	-14.47	25	Pass
0℃	ax80	5610	Ant3	5609.92	-80000	-14.26	25	Pass
10℃	ax80	5610	Ant3	5609.92	-80000	-14.26	25	Pass
30℃	ax80	5610	Ant3	5609.92	-80000	-14.26	25	Pass
40℃	ax80	5610	Ant3	5609.92	-80000	-14.26	25	Pass
0℃	ax80	5775	Ant3	5774.92	-80000	-13.85	25	Pass
10℃	ax80	5775	Ant3	5774.92	-80000	-13.85	25	Pass
30℃	ax80	5775	Ant3	5774.92	-80000	-13.85	25	Pass
40℃	ax80	5775	Ant3	5774.92	-80000	-13.85	25	Pass

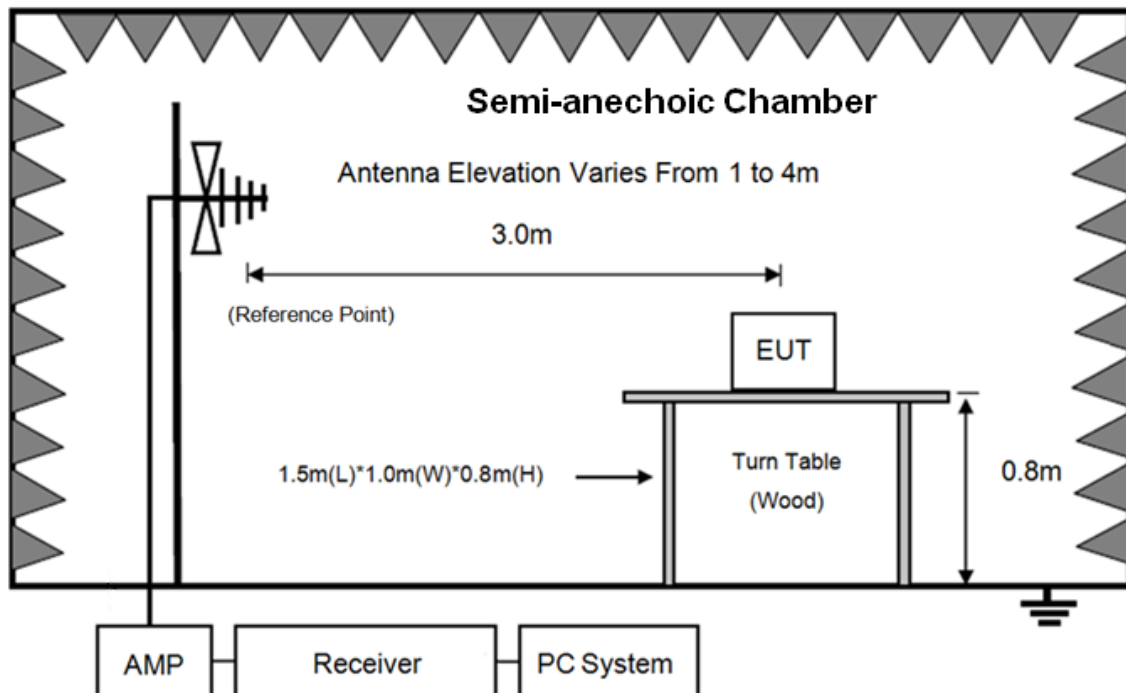
9. Emissions in restricted frequency bands

9.1. Block diagram of test setup

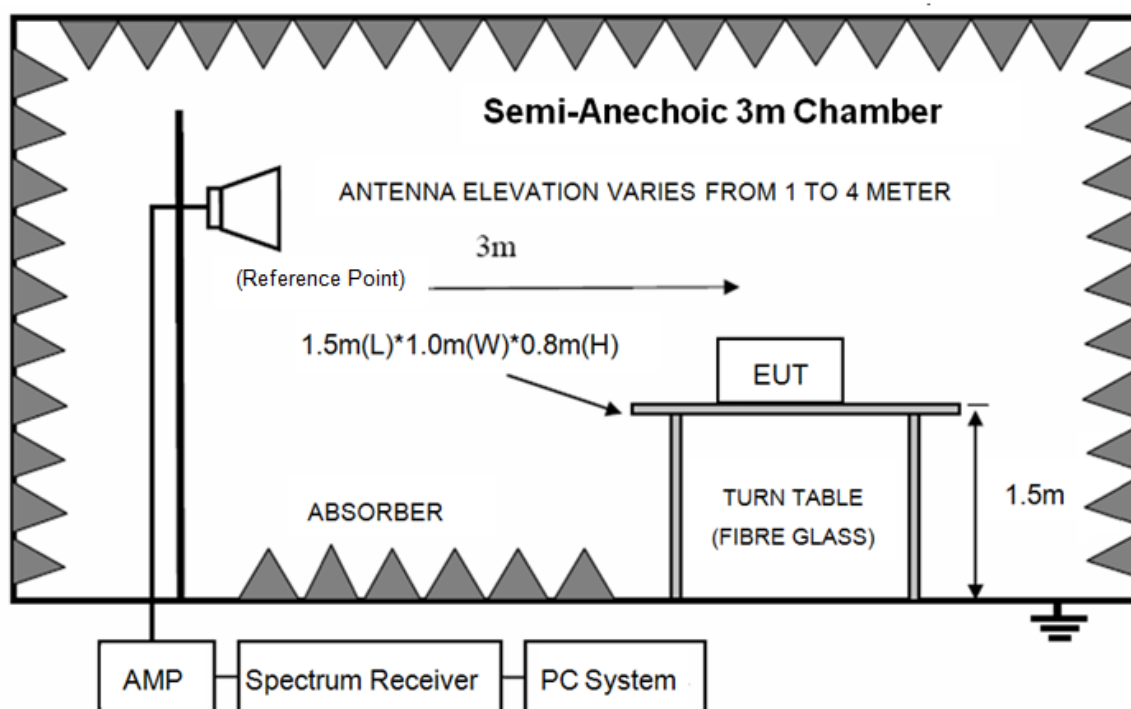
In 3 m Anechoic Chamber, test setup diagram for 9 kHz - 30 MHz:



In 3 m Anechoic Chamber, test setup diagram for 30 MHz - 1 GHz:



In 3 m Anechoic Chamber, test setup diagram for frequency above 1 GHz:



Note: For harmonic emissions test an appropriate high pass filter was inserted in the input port of AMP.

9.2. Limit

(1) FCC 15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	(²)
13.36-13.41			

¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

²Above 38.6

(2) FCC 15.209 Limit.

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V})/\text{m}$
0.009 ~ 0.490	300	2400/F(kHz)	67.6-20log(F)
0.490 ~ 1.705	30	24000/F(kHz)	87.6-20log(F)
1.705 ~ 30.0	30	30	29.54
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
Above 1000	3	74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

Note: (1) The emission limits shown in the above table are based on measurements employing a CISPR QP detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000MHz. Radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30MHz, measurement may be performed at a distance closer than that specified, and the limit at closer measurement distance can be extrapolated by below formula:

$$\text{Limit}_{3\text{m}}(\text{dB}\mu\text{V}/\text{m}) = \text{Limit}_{30\text{m}}(\text{dB}\mu\text{V}/\text{m}) + 40\text{Log}(30\text{m}/3\text{m})$$

8.3.3 Limit for this EUT

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20dB below the fundamental emissions or comply with 15.209 limits.

9.3. Test procedure

- (1) EUT height should be 0.8 m for below 1 GHz at a semi - anechoic chamber while EUT height should be 1.5 m for above 1GHz at full chamber or semi - anechoic chamber ground with absorbers
- (2) Setup EUT and assistant system according clause 2.3 and 8.2
- (3) The antenna used as below table.

Test frequency range	Test antenna used	Test distance
9 kHz-30 MHz	Active Loop antenna	3 m
30 MHz-1 GHz	Trilog Broadband Antenna	3 m
1 GHz-18 GHz	Double Ridged Horn Antenna(1GHz-18GHz)	3 m
18 GHz-40 GHz	Horn Antenna(18GHz-40GHz)	3 m

According ANSI C63.10:2020 clause 6.4.4.2 and 6.5.3, for measurements below 30 MHz, the loop antenna was positioned with its plane vertical from the EUT and rotated about its vertical

axis for maximum response at each azimuth position around the EUT. And the loop antenna also be positioned with its plane horizontal at the specified distance from the EUT. The center of the loop is 1 m above the ground. for measurement above 30 MHz, the Trilog Broadband Antenna was located 3 m, Horn Antenna was located 3 m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

(4) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9 kHz to 40 GHz:

(a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degrees, the antenna height was varied from 1 m to 4 m (Except loop antenna, it's fixed 1m above ground.)

(b) Change work frequency or channel of device if practicable.

(c) Change modulation type of device if practicable.

(d) Change power supply range from 85% to 115% of the rated supply voltage

(e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Spectrum frequency from 9 kHz to 40 GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 9 kHz to 30 MHz and 18 GHz to 40 GHz, so below final test was performed with frequency range from 30 MHz to 18 GHz.

(5) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1m and 4m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed according to ANSI C63.10:2020 on Radiated Emission test.

(6) The emissions from 9 kHz to 1 GHz were measured based on CISPR QP detector except for the frequency bands 9-90 kHz, 110-490 kHz, for emissions from 9 kHz-90kHz,110kHz-490kHz and above 1GHz were measured based on average detector, for emissions above 1 GHz, peak emissions also be measured and need comply with Peak limit.

(7) The emissions from 9 kHz to 1 GHz, QP or average values were measured with EMI receiver with below RBW

Frequency band	RBW
9 kHz-150 kHz	200 Hz
150 kHz-30 MHz	9 kHz
30 MHz-1 GHz	120 kHz

(8) For emissions above 1 GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3MHz for Peak measure, the RBW is set at 1 MHz, VBW is set at 1/T (T is transmitting time in one period) Hz for AV value.

9.4. Test result

PASS. (See below detailed test result)

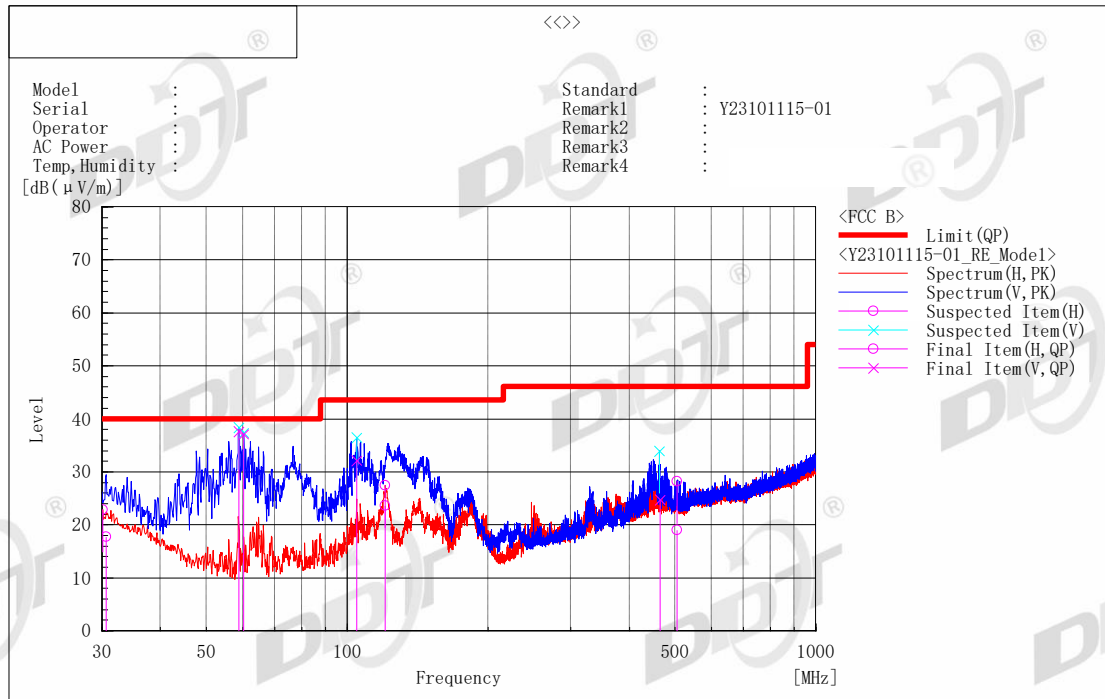
All the emissions except fundamental emission from 9kHz to 40GHz were comply with 15.209 limit.

Note1: According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz and 18 GHz to 40 GHz, so the final test was performed with frequency range from 30 MHz to 18 GHz and recorded in below.

Note2: For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with EUT working in transmission mode.

Note3: According exploratory test, the worst case is 802.11ax Ant1+Ant2 mode.

Radiated Emission test (30MHz- 1GHz)



Final Result

No.	Frequency [MHz]	(P)	Reading QP [dB(μV)]	c. f [dB(1/m)]	Result QP [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP [dB]	Height [cm]	Angle [°]	System	Remark
1	30.598	H	23.2	-5.5	17.7	40.0	22.3	386.0	27.0	1	
2	120.603	H	34.3	-10.7	23.6	43.5	19.9	210.0	164.3	1	
3	505.832	H	20.9	-1.9	19.0	46.0	27.0	223.0	295.8	1	
4	58.694	V	55.2	-17.6	37.6	40.0	2.4	127.0	316.9	2	
5	104.714	V	44.0	-11.8	32.2	43.5	11.3	130.0	200.8	2	
6	464.636	V	26.9	-2.2	24.7	46.0	21.3	115.0	115.8	2	
7	60.226	V	54.5	-17.4	37.1	40.0	2.9	120.0	41.8	2	

Note) Receiving antenna polarization: Horizontal and/or Vertical

Test Distance: 3 m, Antenna Height: 1 m to 4 m

Level QP (Quasi-Peak) = Reading QP + Factor (Antenna Factor + Cable Loss - Amp. Gain)

Margin QP (Quasi-Peak) = Limit - Level QP

Radiated Emission test (1GHz – 6.5GHz)

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

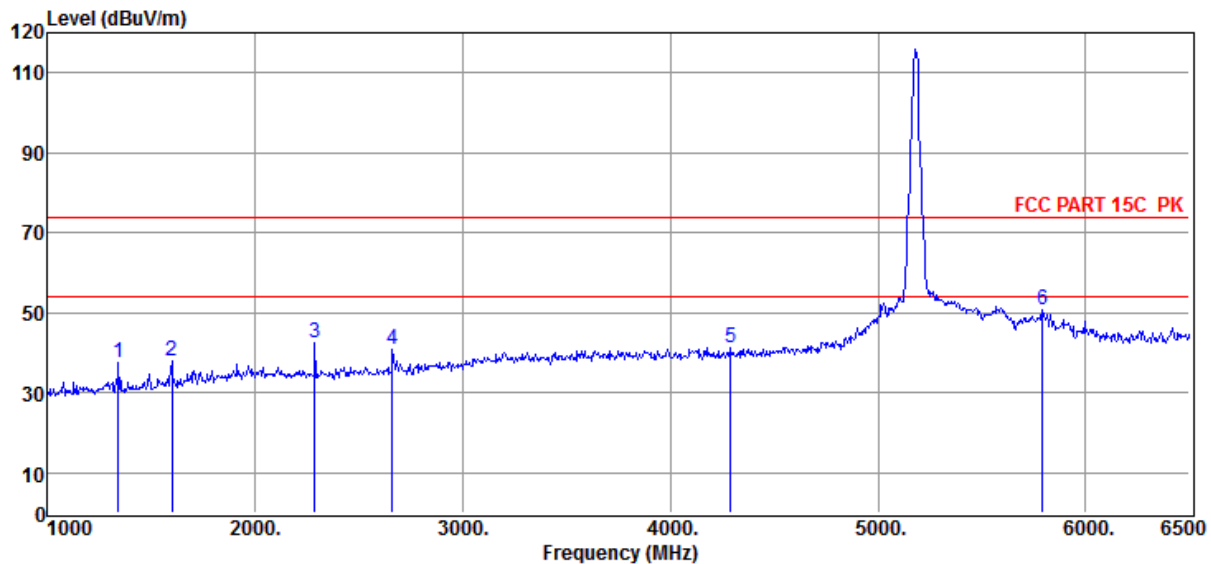
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5180MHz

Data: 229



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1341.00	47.54	24.86	-34.88	37.52	74.00	-36.48	Peak	VERTICAL
2	1599.50	46.43	26.12	-34.59	37.96	74.00	-36.04	Peak	VERTICAL
3	2287.00	48.46	28.20	-34.15	42.51	74.00	-31.49	Peak	VERTICAL
4	2661.00	45.59	28.32	-33.27	40.64	74.00	-33.36	Peak	VERTICAL
5	4289.00	42.02	31.77	-32.52	41.27	74.00	-32.73	Peak	VERTICAL
6	5790.50	48.50	34.67	-32.56	50.61	74.00	-23.39	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-01-2023

Tested By : Sunny

EUT : Wireless Router

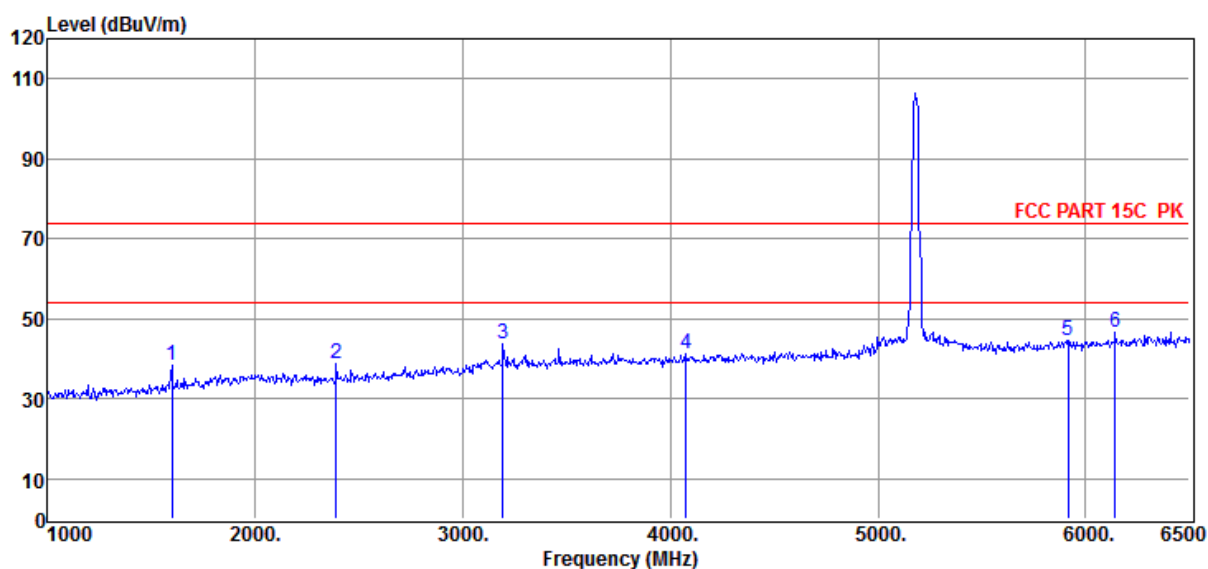
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5180MHz

Data: 230



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	46.96	26.12	-34.59	38.49	74.00	-35.51	Peak	HORIZONTAL
2	2391.50	44.92	28.05	-34.02	38.95	74.00	-35.05	Peak	HORIZONTAL
3	3194.50	47.32	29.67	-33.23	43.76	74.00	-30.24	Peak	HORIZONTAL
4	4074.50	42.30	31.64	-32.87	41.07	74.00	-32.93	Peak	HORIZONTAL
5	5917.00	42.07	35.05	-32.47	44.65	74.00	-29.35	Peak	HORIZONTAL
6	6142.50	43.86	35.44	-32.53	46.77	74.00	-27.23	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

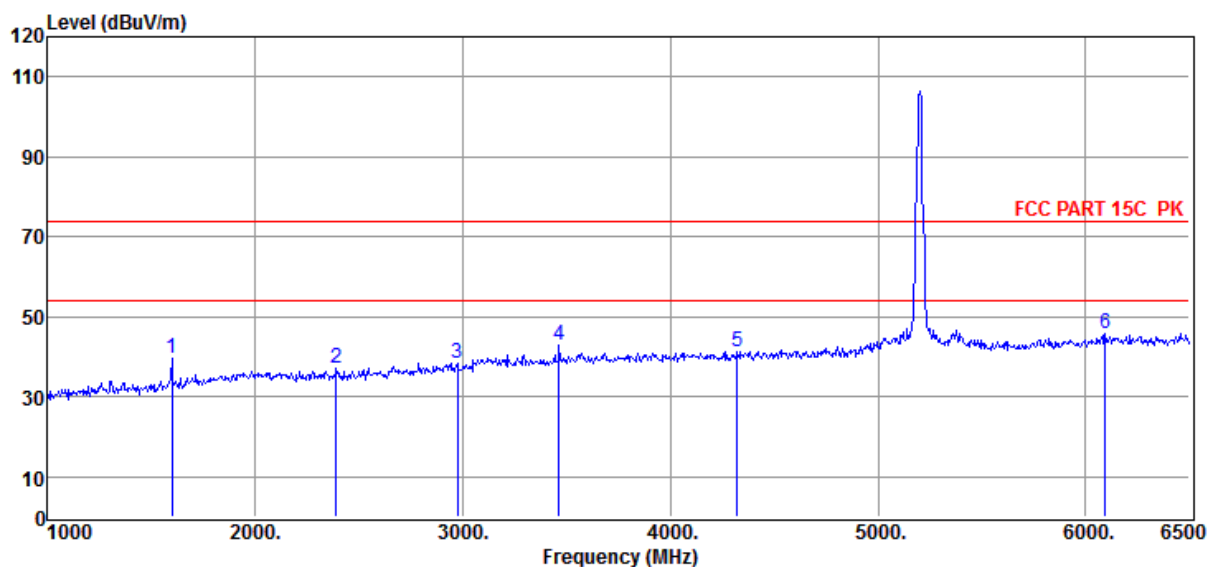
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5200MHz

Data: 231



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	48.25	26.12	-34.59	39.78	74.00	-34.22	Peak	HORIZONTAL
2	2391.50	43.08	28.05	-34.02	37.11	74.00	-36.89	Peak	HORIZONTAL
3	2974.50	42.95	29.13	-33.55	38.53	74.00	-35.47	Peak	HORIZONTAL
4	3464.00	45.74	30.31	-33.14	42.91	74.00	-31.09	Peak	HORIZONTAL
5	4322.00	41.95	31.79	-32.37	41.37	74.00	-32.63	Peak	HORIZONTAL
6	6093.00	42.96	35.39	-32.62	45.73	74.00	-28.27	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

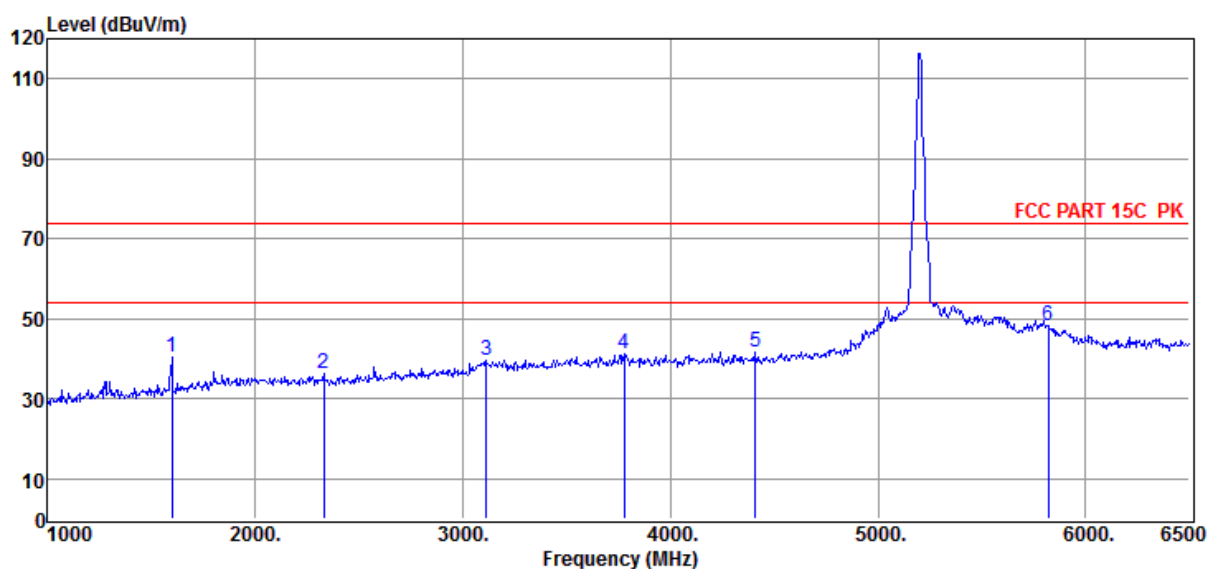
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5200MHz

Data: 232



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	48.78	26.12	-34.59	40.31	74.00	-33.69	Peak	VERTICAL
2	2331.00	42.04	28.14	-34.00	36.18	74.00	-37.82	Peak	VERTICAL
3	3112.00	43.49	29.47	-33.22	39.74	74.00	-34.26	Peak	VERTICAL
4	3777.50	42.82	31.07	-32.80	41.09	74.00	-32.91	Peak	VERTICAL
5	4410.00	42.47	31.85	-32.51	41.81	74.00	-32.19	Peak	VERTICAL
6	5818.00	45.96	34.75	-32.57	48.14	74.00	-25.86	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

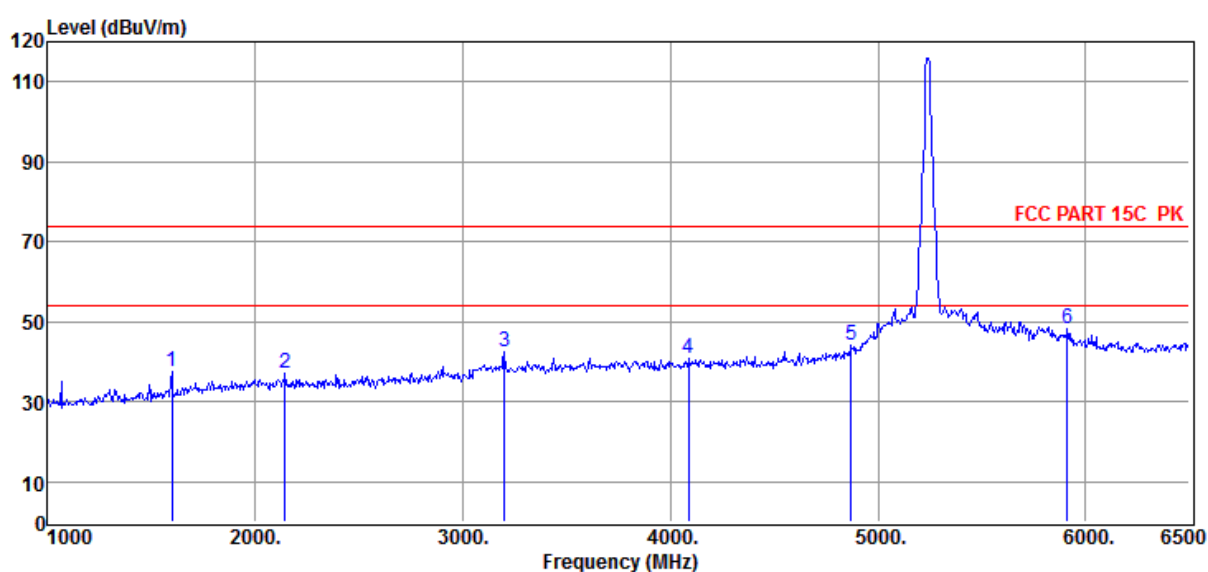
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5240MHz

Data: 233



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	46.07	26.12	-34.59	37.60	74.00	-36.40	Peak	VERTICAL
2	2144.00	42.80	28.40	-34.27	36.93	74.00	-37.07	Peak	VERTICAL
3	3200.00	46.00	29.68	-33.21	42.47	74.00	-31.53	Peak	VERTICAL
4	4085.50	42.13	31.65	-32.81	40.97	74.00	-33.03	Peak	VERTICAL
5	4872.00	43.90	32.64	-32.46	44.08	74.00	-29.92	Peak	VERTICAL
6	5911.50	45.59	35.03	-32.43	48.19	74.00	-25.81	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

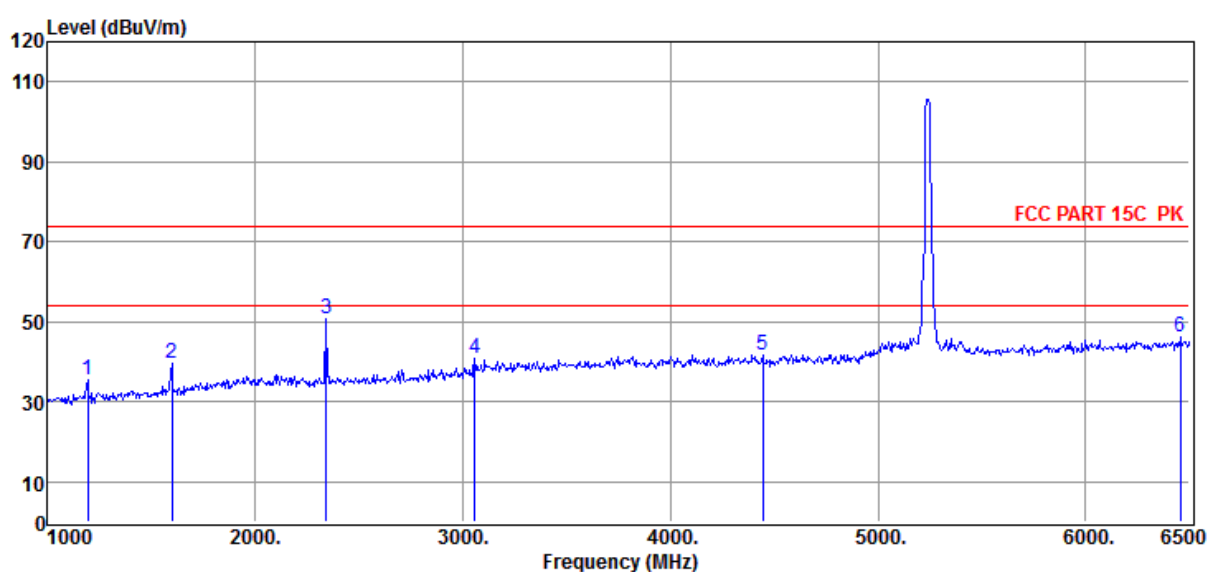
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5240MHz

Data: 234



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1192.50	46.44	24.27	-35.12	35.59	74.00	-38.41	Peak	HORIZONTAL
2	1599.50	48.20	26.12	-34.59	39.73	74.00	-34.27	Peak	HORIZONTAL
3	2342.00	56.62	28.12	-33.95	50.79	74.00	-23.21	Peak	HORIZONTAL
4	3057.00	44.65	29.34	-33.36	40.63	74.00	-33.37	Peak	HORIZONTAL
5	4443.00	42.50	31.87	-32.57	41.80	74.00	-32.20	Peak	HORIZONTAL
6	6456.00	42.56	35.76	-32.21	46.11	74.00	-27.89	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

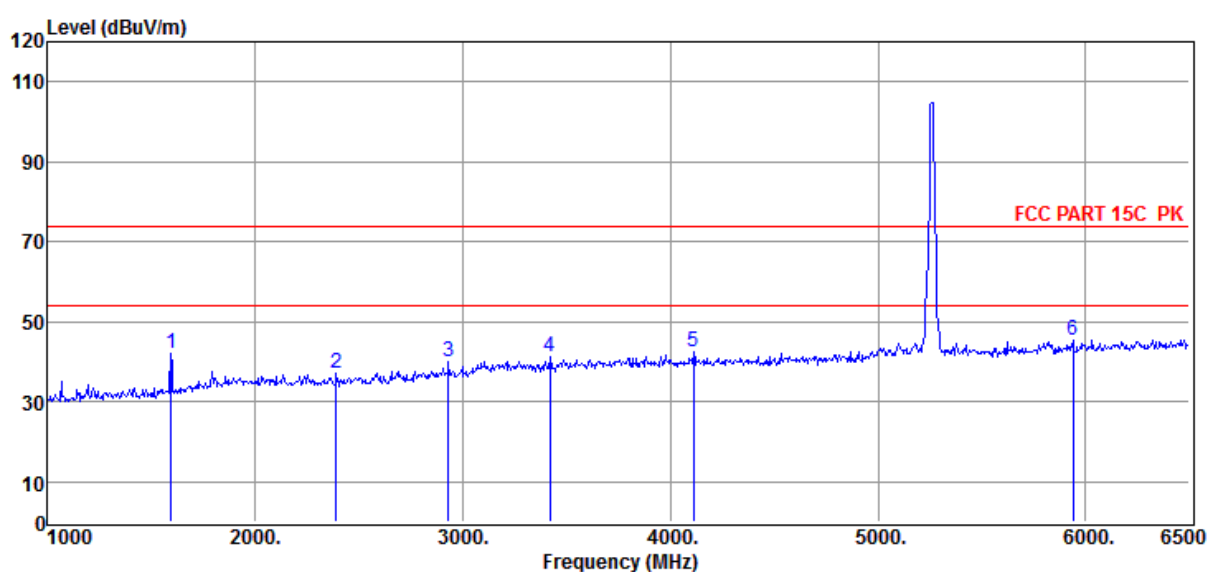
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5260MHz

Data: 235



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1594.00	50.58	26.08	-34.58	42.08	74.00	-31.92	Peak	HORIZONTAL
2	2391.50	43.09	28.05	-34.02	37.12	74.00	-36.88	Peak	HORIZONTAL
3	2930.50	44.33	29.02	-33.45	39.90	74.00	-34.10	Peak	HORIZONTAL
4	3420.00	44.14	30.21	-33.16	41.19	74.00	-32.81	Peak	HORIZONTAL
5	4113.00	43.55	31.67	-32.75	42.47	74.00	-31.53	Peak	HORIZONTAL
6	5939.00	43.00	35.12	-32.59	45.53	74.00	-28.47	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

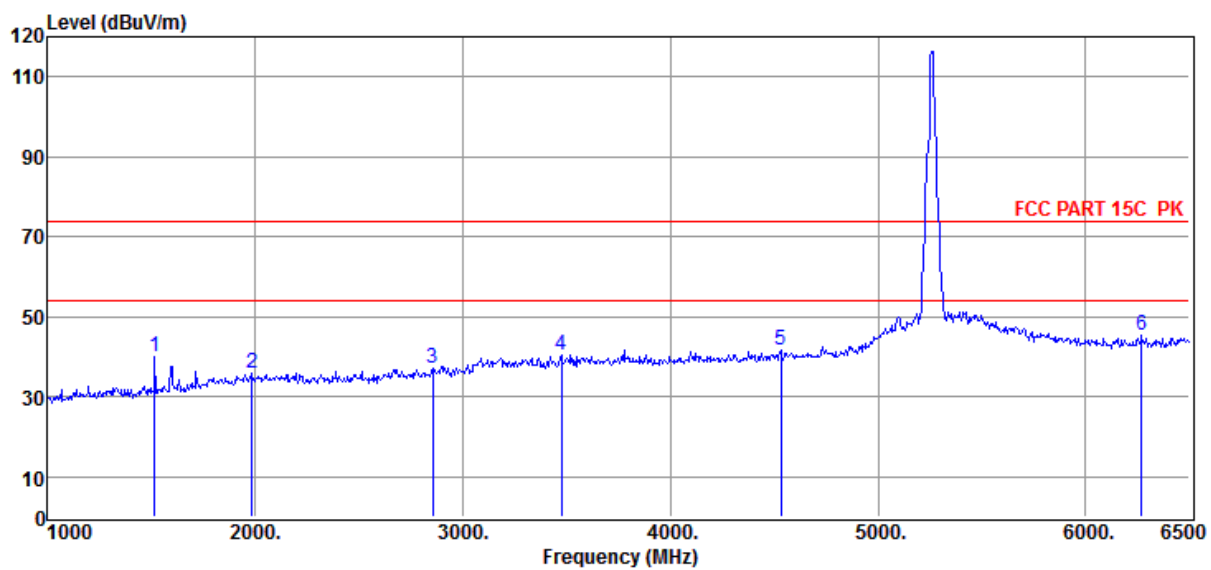
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5260MHz

Data: 236



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1517.00	48.80	25.61	-34.60	39.81	74.00	-34.19	Peak	VERTICAL
2	1984.50	41.60	28.50	-34.26	35.84	74.00	-38.16	Peak	VERTICAL
3	2853.50	41.76	28.82	-33.44	37.14	74.00	-36.86	Peak	VERTICAL
4	3475.00	43.01	30.34	-33.07	40.28	74.00	-33.72	Peak	VERTICAL
5	4531.00	41.81	31.96	-32.27	41.50	74.00	-32.50	Peak	VERTICAL
6	6269.00	42.07	35.57	-32.48	45.16	74.00	-28.84	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

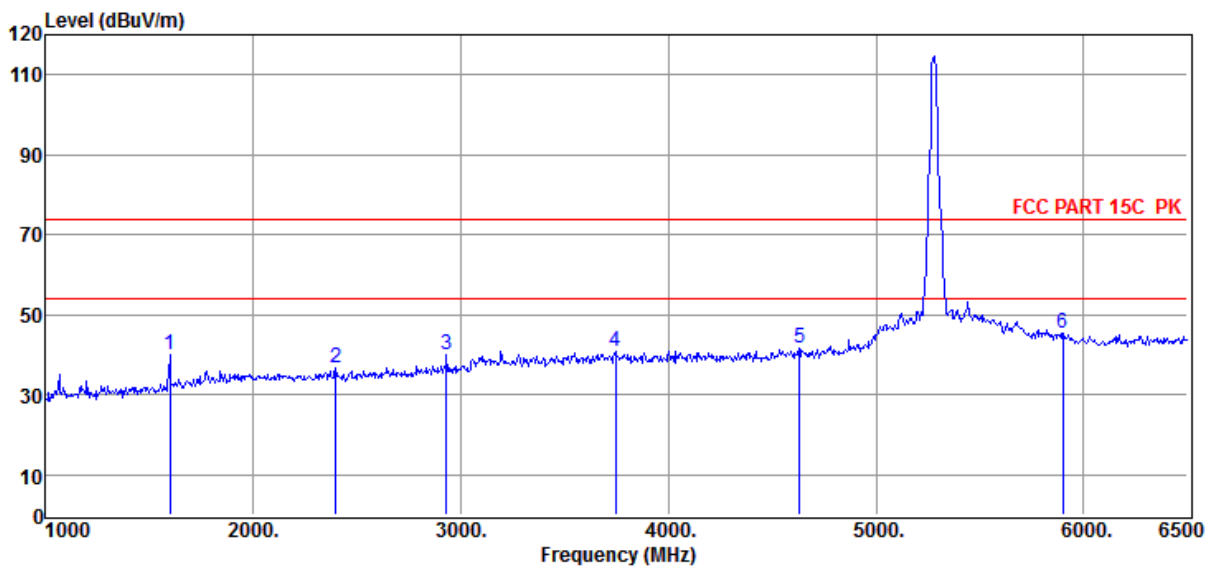
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5280MHz

Data: 237



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	48.31	26.12	-34.59	39.84	74.00	-34.16	Peak	VERTICAL
2	2397.00	42.75	28.04	-34.04	36.75	74.00	-37.25	Peak	VERTICAL
3	2930.50	44.33	29.02	-33.45	39.90	74.00	-34.10	Peak	VERTICAL
4	3744.50	42.43	30.99	-32.61	40.81	74.00	-33.19	Peak	VERTICAL
5	4630.00	41.81	32.16	-32.45	41.52	74.00	-32.48	Peak	VERTICAL
6	5900.50	42.78	35.00	-32.37	45.41	74.00	-28.59	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

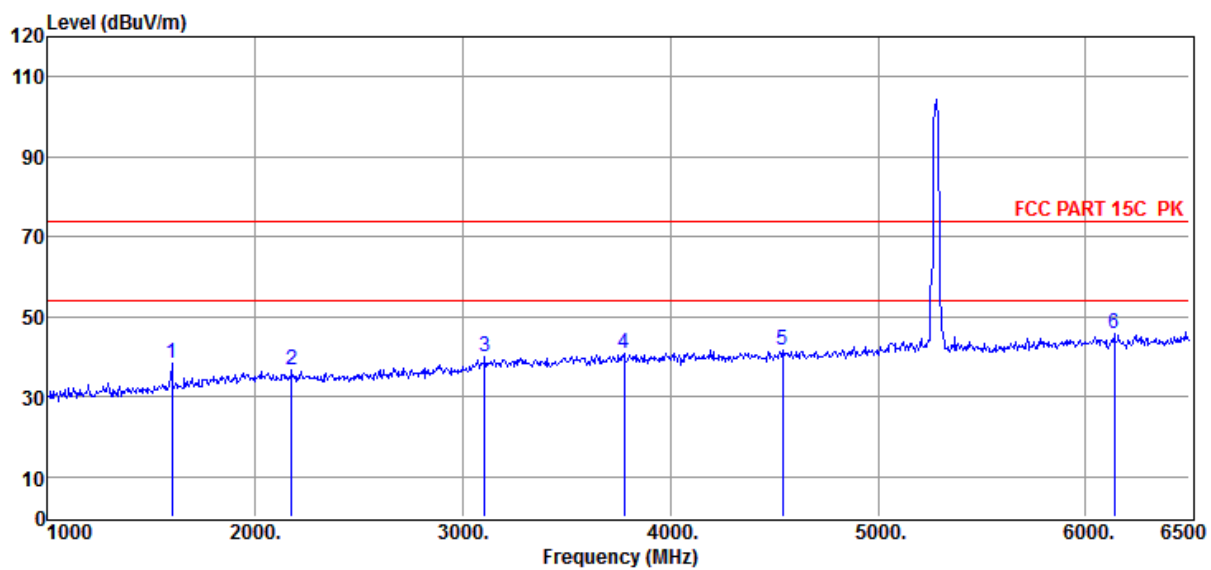
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5280MHz

Data: 238



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	46.87	26.12	-34.59	38.40	74.00	-35.60	Peak	HORIZONTAL
2	2177.00	42.53	28.35	-34.17	36.71	74.00	-37.29	Peak	HORIZONTAL
3	3106.50	43.80	29.46	-33.20	40.06	74.00	-33.94	Peak	HORIZONTAL
4	3777.50	42.63	31.07	-32.80	40.90	74.00	-33.10	Peak	HORIZONTAL
5	4542.00	41.96	31.98	-32.16	41.78	74.00	-32.22	Peak	HORIZONTAL
6	6137.00	42.82	35.44	-32.54	45.72	74.00	-28.28	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

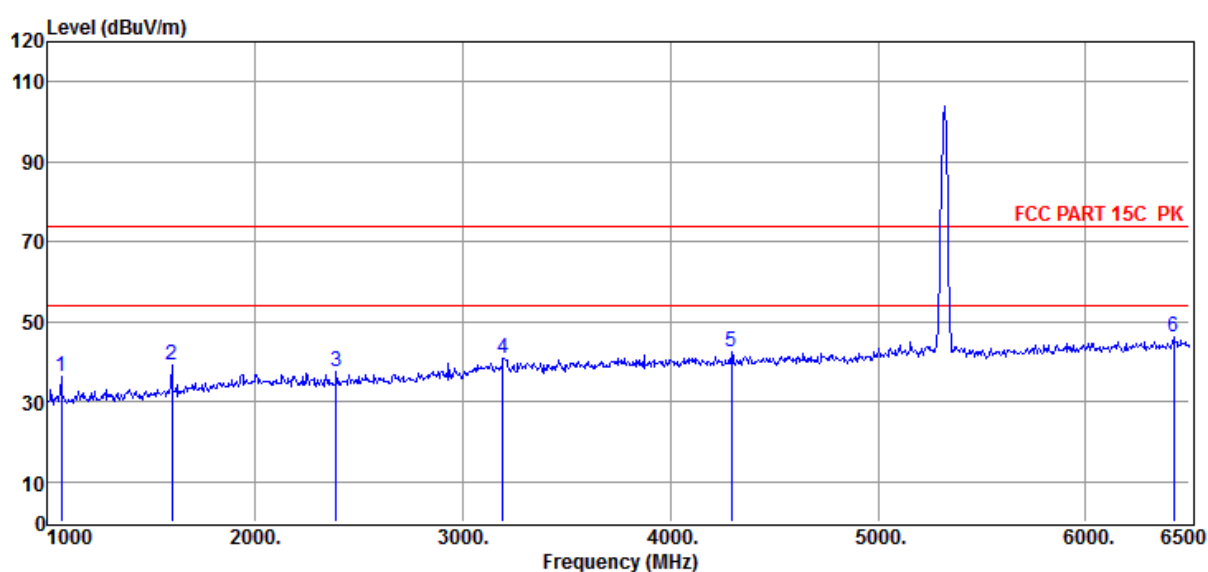
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5320MHz

Data: 239



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1066.00	47.92	23.76	-35.23	36.45	74.00	-37.55	Peak	HORIZONTAL
2	1599.50	47.53	26.12	-34.59	39.06	74.00	-34.94	Peak	HORIZONTAL
3	2391.50	43.61	28.05	-34.02	37.64	74.00	-36.36	Peak	HORIZONTAL
4	3194.50	44.54	29.67	-33.23	40.98	74.00	-33.02	Peak	HORIZONTAL
5	4294.50	42.99	31.78	-32.45	42.32	74.00	-31.68	Peak	HORIZONTAL
6	6423.00	43.03	35.72	-32.40	46.35	74.00	-27.65	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

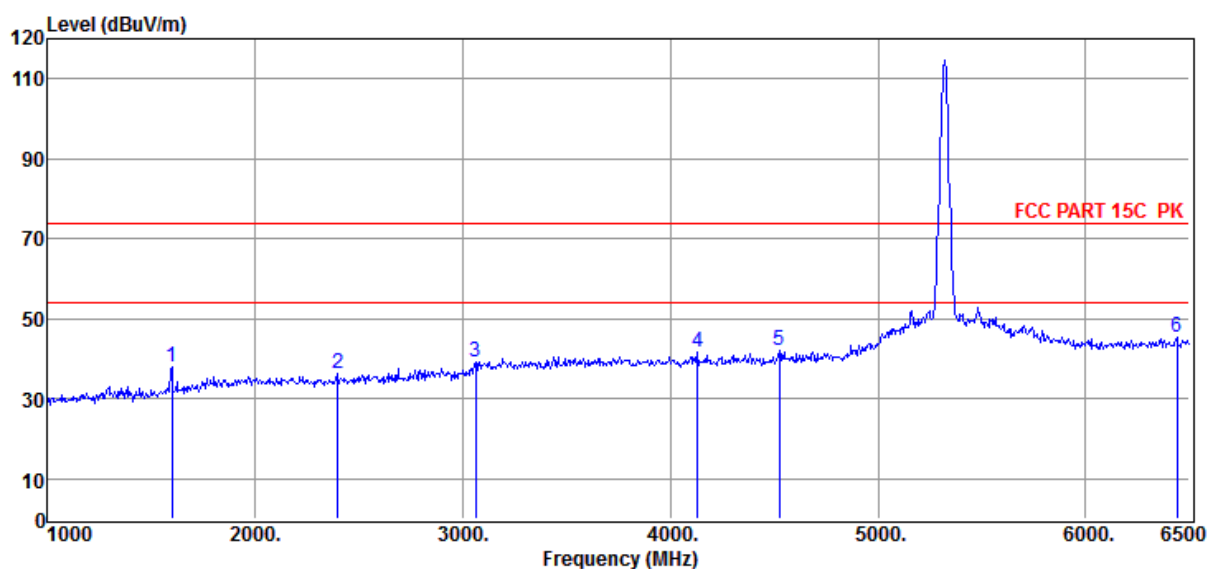
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5320MHz

Data: 240



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	46.45	26.12	-34.59	37.98	74.00	-36.02	Peak	VERTICAL
2	2397.00	42.30	28.04	-34.04	36.30	74.00	-37.70	Peak	VERTICAL
3	3062.50	43.24	29.35	-33.33	39.26	74.00	-34.74	Peak	VERTICAL
4	4129.50	42.57	31.68	-32.77	41.48	74.00	-32.52	Peak	VERTICAL
5	4525.50	42.57	31.95	-32.33	42.19	74.00	-31.81	Peak	VERTICAL
6	6439.50	41.98	35.74	-32.26	45.46	74.00	-28.54	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

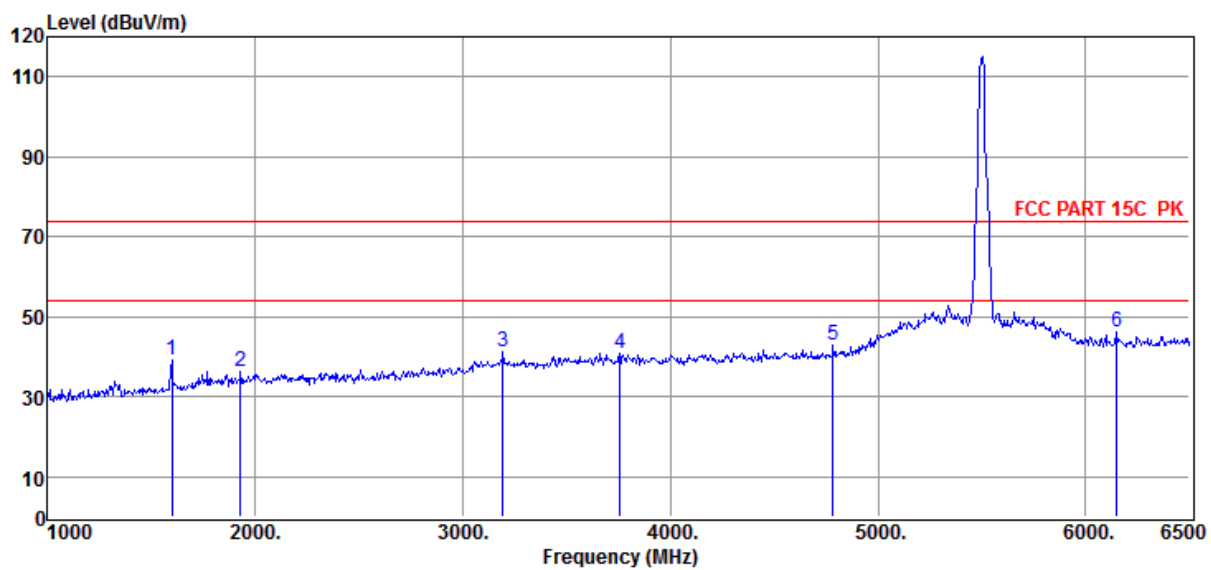
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5500MHz

Data: 241



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	47.60	26.12	-34.59	39.13	74.00	-34.87	Peak	VERTICAL
2	1929.50	42.64	28.16	-34.38	36.42	74.00	-37.58	Peak	VERTICAL
3	3194.50	44.97	29.67	-33.23	41.41	74.00	-32.59	Peak	VERTICAL
4	3755.50	42.33	31.01	-32.60	40.74	74.00	-33.26	Peak	VERTICAL
5	4784.00	42.50	32.47	-32.20	42.77	74.00	-31.23	Peak	VERTICAL
6	6148.00	43.26	35.45	-32.52	46.19	74.00	-27.81	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

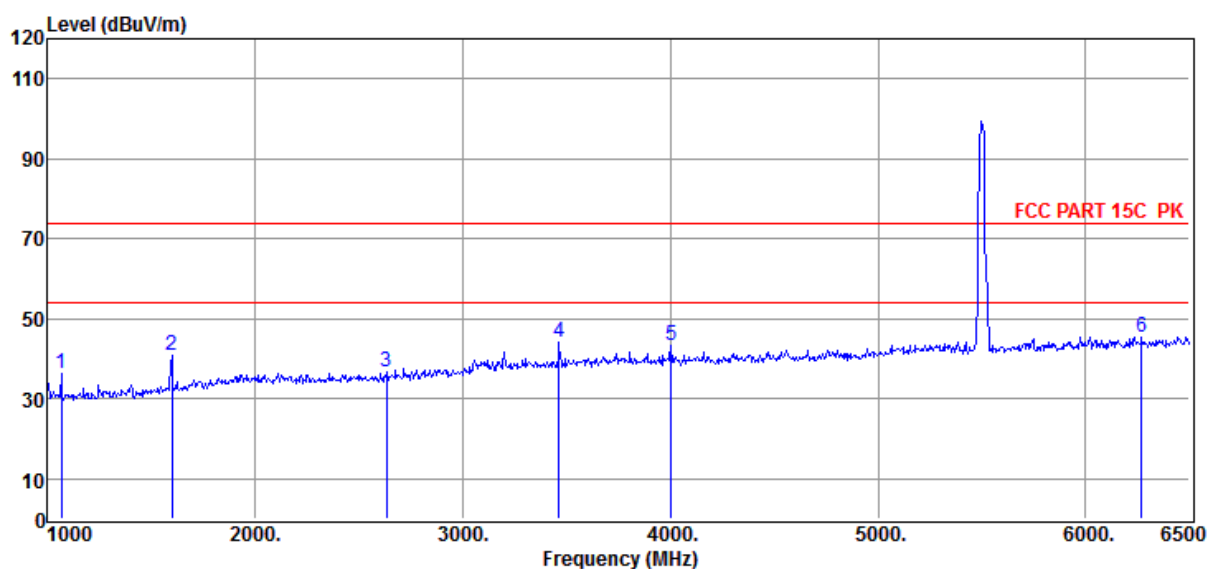
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5500MHz

Data: 242



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1066.00	47.96	23.76	-35.23	36.49	74.00	-37.51	Peak	HORIZONTAL
2	1599.50	49.47	26.12	-34.59	41.00	74.00	-33.00	Peak	HORIZONTAL
3	2633.50	41.70	28.25	-33.34	36.61	74.00	-37.39	Peak	HORIZONTAL
4	3464.00	47.09	30.31	-33.14	44.26	74.00	-29.74	Peak	HORIZONTAL
5	4003.00	44.53	31.60	-32.68	43.45	74.00	-30.55	Peak	HORIZONTAL
6	6269.00	42.17	35.57	-32.48	45.26	74.00	-28.74	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

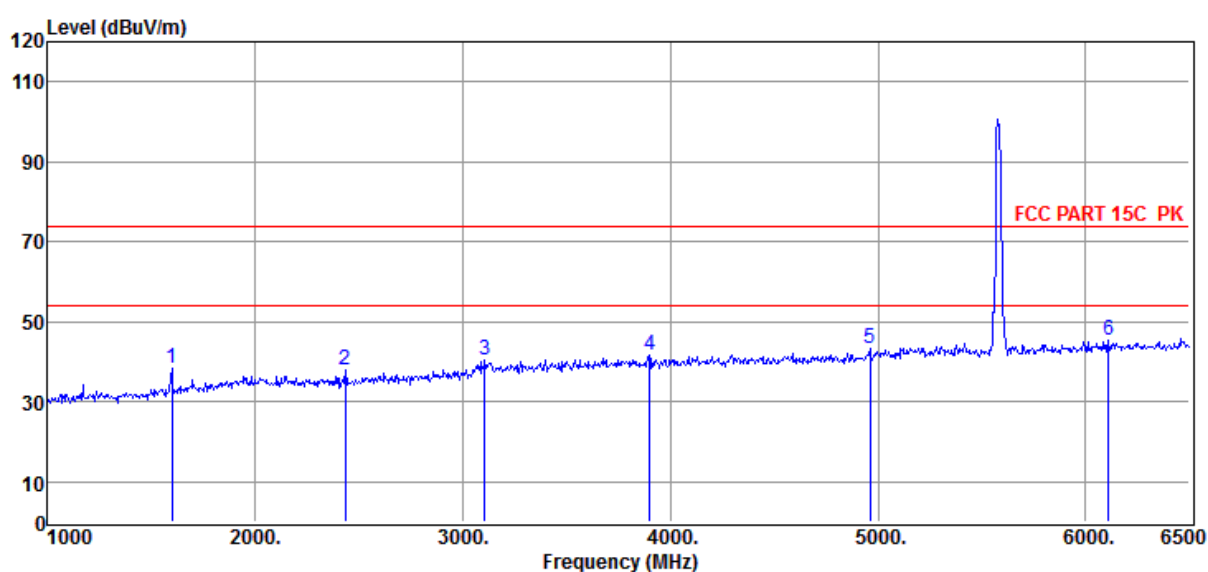
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5580MHz

Data: 243



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	46.65	26.12	-34.59	38.18	74.00	-35.82	Peak	HORIZONTAL
2	2435.50	43.83	27.99	-33.88	37.94	74.00	-36.06	Peak	HORIZONTAL
3	3106.50	44.13	29.46	-33.20	40.39	74.00	-33.61	Peak	HORIZONTAL
4	3898.50	43.31	31.36	-33.02	41.65	74.00	-32.35	Peak	HORIZONTAL
5	4960.00	42.59	32.82	-32.18	43.23	74.00	-30.77	Peak	HORIZONTAL
6	6109.50	42.60	35.41	-32.62	45.39	74.00	-28.61	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

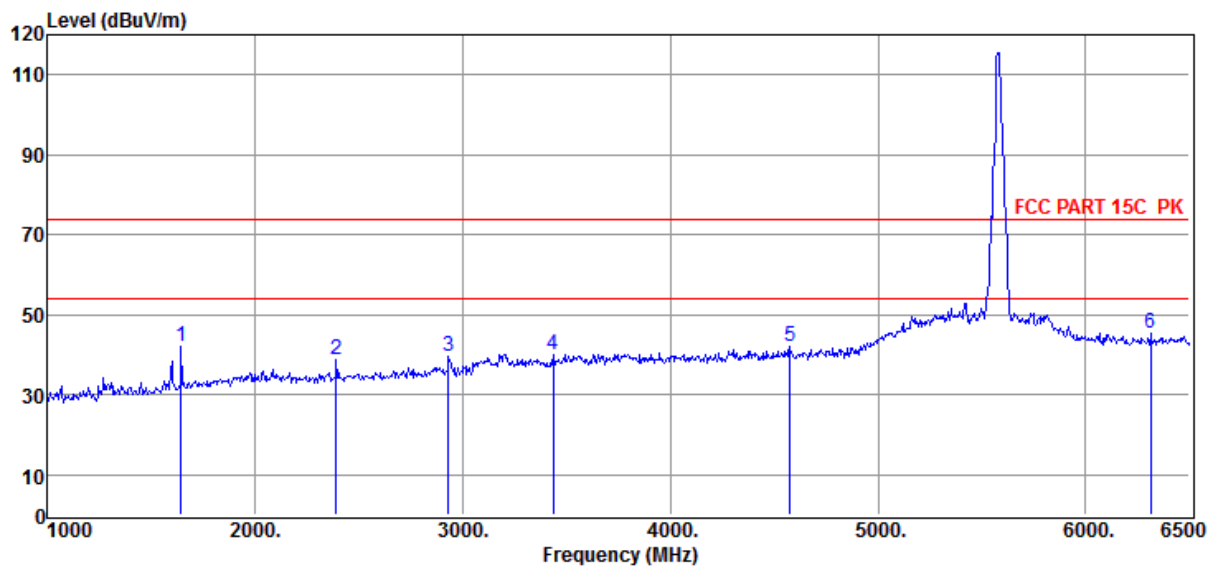
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5580MHz

Data: 244



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1643.50	50.28	26.39	-34.55	42.12	74.00	-31.88	Peak	VERTICAL
2	2391.50	44.61	28.05	-34.02	38.64	74.00	-35.36	Peak	VERTICAL
3	2930.50	44.12	29.02	-33.45	39.69	74.00	-34.31	Peak	VERTICAL
4	3436.50	42.99	30.25	-33.20	40.04	74.00	-33.96	Peak	VERTICAL
5	4575.00	42.10	32.05	-32.29	41.86	74.00	-32.14	Peak	VERTICAL
6	6313.00	42.25	35.61	-32.54	45.32	74.00	-28.68	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

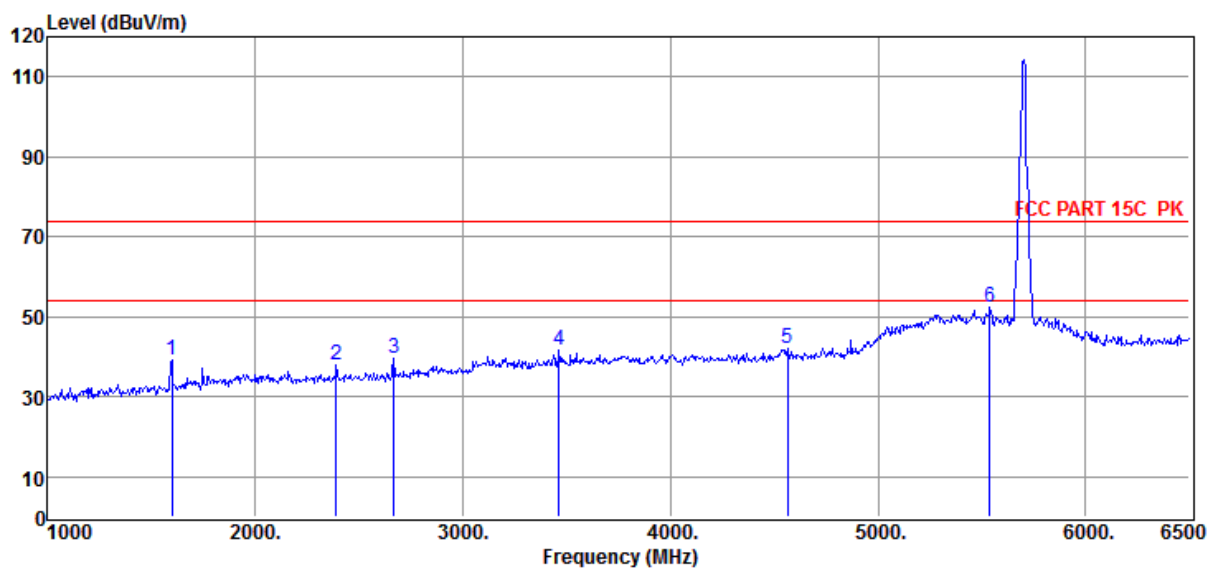
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5700MHz

Data: 245



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	47.61	26.12	-34.59	39.14	74.00	-34.86	Peak	VERTICAL
2	2391.50	43.83	28.05	-34.02	37.86	74.00	-36.14	Peak	VERTICAL
3	2666.50	44.46	28.33	-33.29	39.50	74.00	-34.50	Peak	VERTICAL
4	3464.00	44.65	30.31	-33.14	41.82	74.00	-32.18	Peak	VERTICAL
5	4564.00	42.07	32.03	-32.20	41.90	74.00	-32.10	Peak	VERTICAL
6	5537.50	51.01	33.91	-32.40	52.52	74.00	-21.48	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

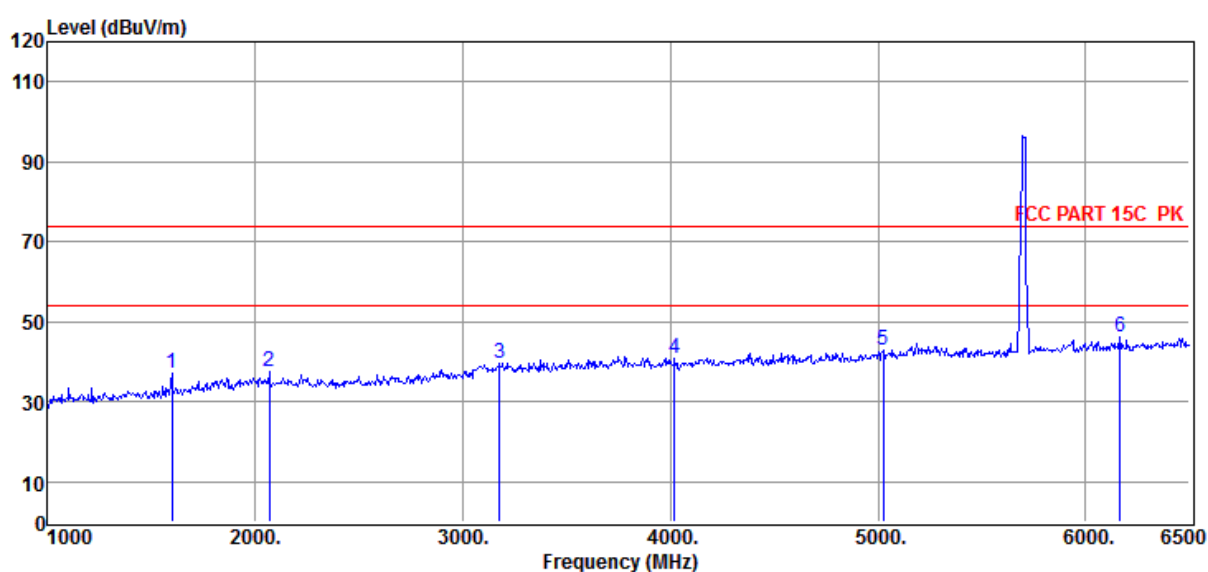
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5700MHz

Data: 246



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	45.69	26.12	-34.59	37.22	74.00	-36.78	Peak	HORIZONTAL
2	2067.00	43.38	28.51	-34.38	37.51	74.00	-36.49	Peak	HORIZONTAL
3	3178.00	43.11	29.63	-33.31	39.43	74.00	-34.57	Peak	HORIZONTAL
4	4019.50	41.96	31.61	-32.80	40.77	74.00	-33.23	Peak	HORIZONTAL
5	5026.00	42.12	32.95	-32.07	43.00	74.00	-31.00	Peak	HORIZONTAL
6	6164.50	43.17	35.46	-32.57	46.06	74.00	-27.94	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

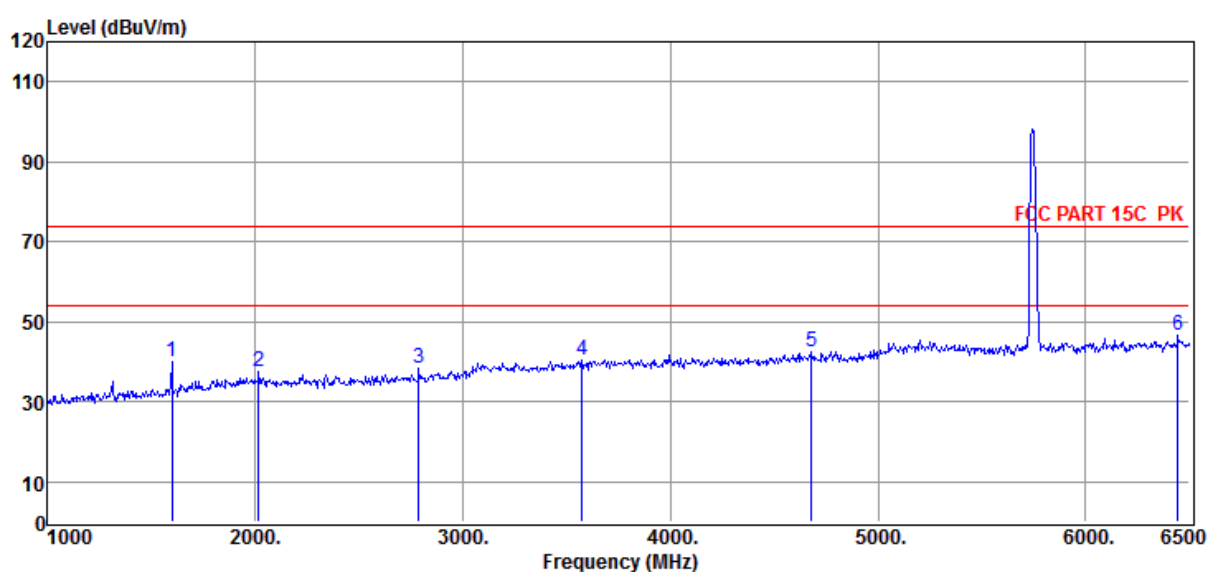
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5745MHz

Data: 247



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	48.43	26.12	-34.59	39.96	74.00	-34.04	Peak	HORIZONTAL
2	2017.50	43.43	28.58	-34.42	37.59	74.00	-36.41	Peak	HORIZONTAL
3	2787.50	43.03	28.65	-33.52	38.16	74.00	-35.84	Peak	HORIZONTAL
4	3574.00	42.88	30.58	-32.97	40.49	74.00	-33.51	Peak	HORIZONTAL
5	4679.50	42.85	32.26	-32.57	42.54	74.00	-31.46	Peak	HORIZONTAL
6	6445.00	43.10	35.74	-32.21	46.63	74.00	-27.37	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

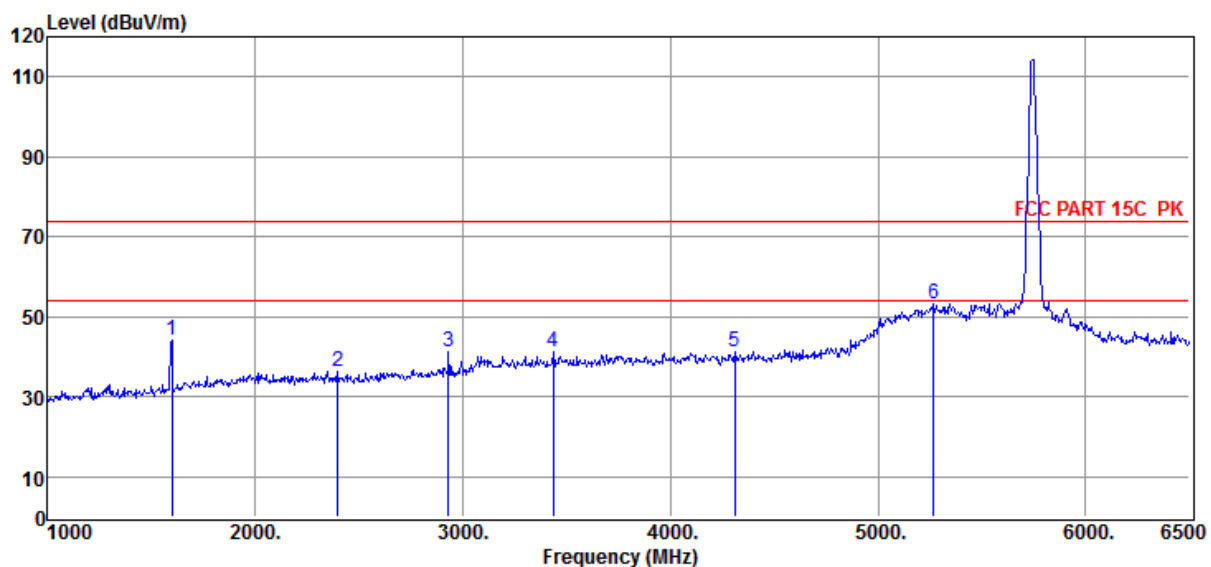
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5745MHz

Data: 248



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	52.55	26.12	-34.59	44.08	74.00	-29.92	Peak	VERTICAL
2	2397.00	42.42	28.04	-34.04	36.42	74.00	-37.58	Peak	VERTICAL
3	2930.50	45.82	29.02	-33.45	41.39	74.00	-32.61	Peak	VERTICAL
4	3436.50	44.31	30.25	-33.20	41.36	74.00	-32.64	Peak	VERTICAL
5	4311.00	41.90	31.79	-32.37	41.32	74.00	-32.68	Peak	VERTICAL
6	5268.00	52.06	33.38	-32.16	53.28	74.00	-20.72	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

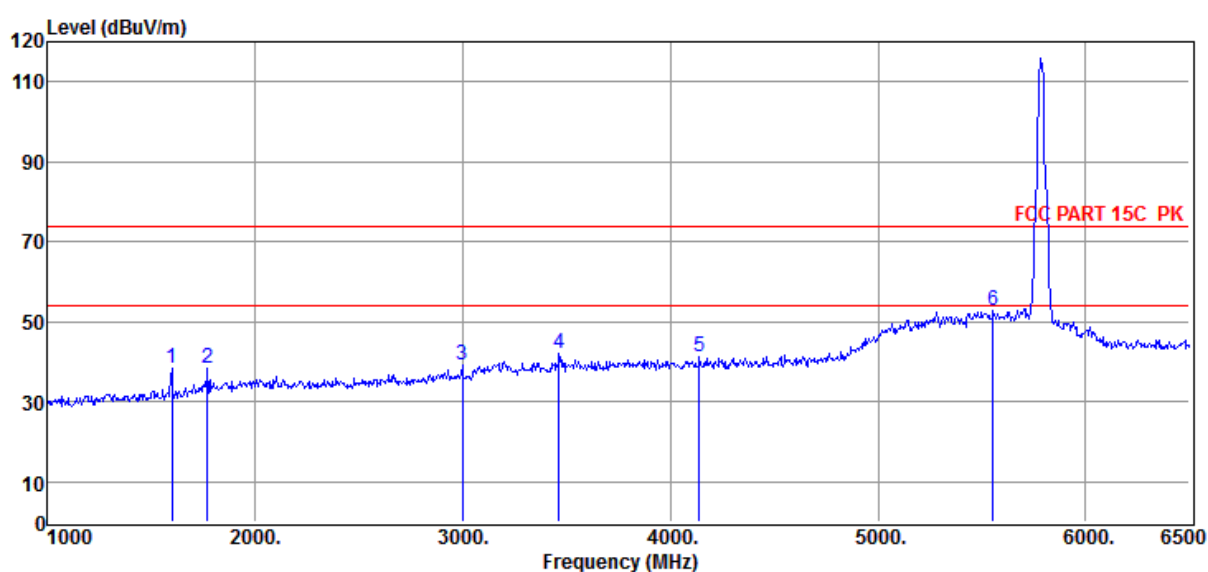
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5785MHz

Data: 249



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	46.79	26.12	-34.59	38.32	74.00	-35.68	Peak	VERTICAL
2	1770.00	45.70	27.17	-34.51	38.36	74.00	-35.64	Peak	VERTICAL
3	2996.50	43.60	29.19	-33.54	39.25	74.00	-34.75	Peak	VERTICAL
4	3464.00	44.83	30.31	-33.14	42.00	74.00	-32.00	Peak	VERTICAL
5	4140.50	42.50	31.68	-32.79	41.39	74.00	-32.61	Peak	VERTICAL
6	5554.00	51.41	33.96	-32.41	52.96	74.00	-21.04	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

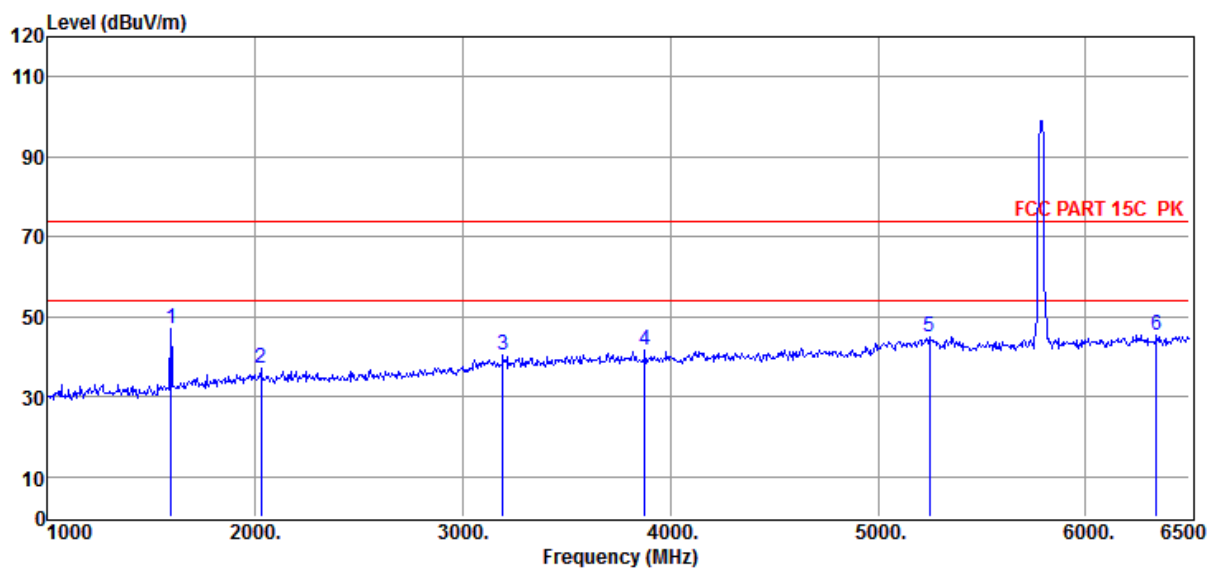
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5785MHz

Data: 250



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1594.00	55.47	26.08	-34.58	46.97	74.00	-27.03	Peak	HORIZONTAL
2	2028.50	42.89	28.56	-34.44	37.01	74.00	-36.99	Peak	HORIZONTAL
3	3194.50	44.00	29.67	-33.23	40.44	74.00	-33.56	Peak	HORIZONTAL
4	3876.50	43.29	31.30	-32.97	41.62	74.00	-32.38	Peak	HORIZONTAL
5	5246.00	43.79	33.34	-32.07	45.06	74.00	-28.94	Peak	HORIZONTAL
6	6340.50	42.13	35.64	-32.51	45.26	74.00	-28.74	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

Test Date : 11-02-2023

Tested By : Sunny

EUT : Wireless Router

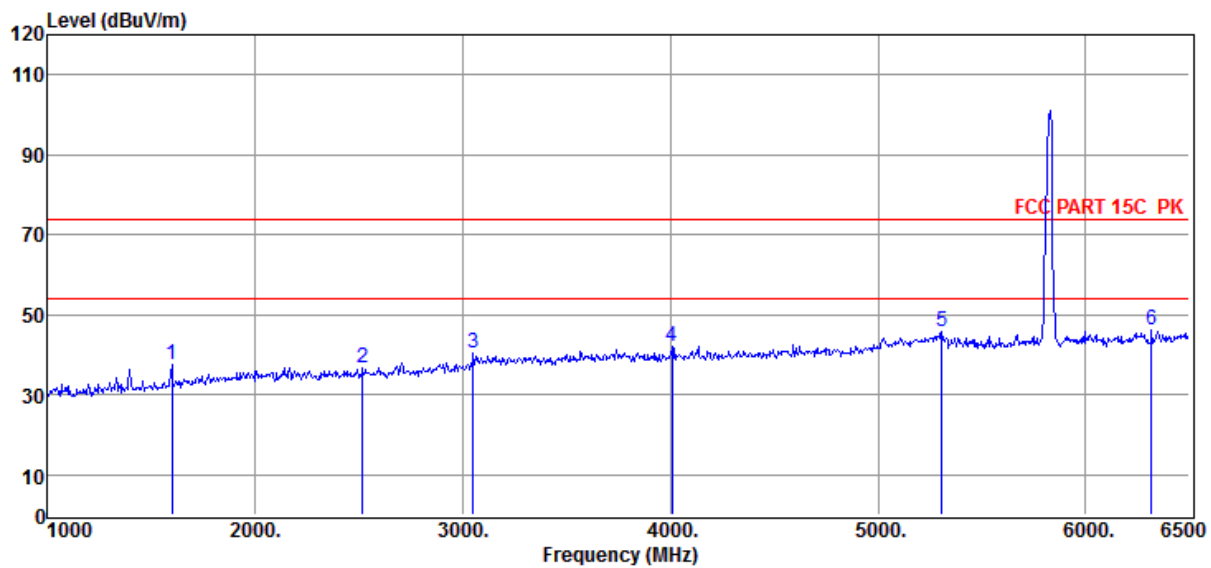
Model Number : RG-EG105GW-X

Power Supply : AC 120V/60Hz

Test Mode : Tx mode

Memo : 11AX20 MCS0 ANT1+ANT2 5825MHz

Data: 251



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	46.03	26.12	-34.59	37.56	74.00	-36.44	Peak	HORIZONTAL
2	2518.00	42.47	27.95	-33.53	36.89	74.00	-37.11	Peak	HORIZONTAL
3	3051.50	44.35	29.32	-33.38	40.29	74.00	-33.71	Peak	HORIZONTAL
4	4008.50	43.22	31.61	-32.72	42.11	74.00	-31.89	Peak	HORIZONTAL
5	5306.50	44.55	33.45	-32.34	45.66	74.00	-28.34	Peak	HORIZONTAL
6	6318.50	43.10	35.62	-32.53	46.19	74.00	-27.81	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.