

Ant2	5530	NV	-30	0.00	0.000000	20	PASS	
		NV	-20	0.00	0.000000	20	PASS	
		NV	-10	0.00	0.000000	20	PASS	
		NV	0	-80000.0 0	-14.46654 6	20	PASS	
		NV	10	-80000.0 0	-14.46654 6	20	PASS	
		NV	20	0.00	0.000000	20	PASS	
		NV	30	-80000.0 0	-14.46654 6	20	PASS	
		NV	40	-80000.0 0	-14.46654 6	20	PASS	
		NV	50	-40000.0 0	-7.259528	20	PASS	
	Ant1	5610	NV	-30	-80000.0 0	-14.26025 0	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5610	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.0 0	-7.259528	20	PASS
			NV	-10	-80000.0 0	-14.26025 0	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
NV			30	0.00	0.000000	20	PASS	
NV			40	0.00	0.000000	20	PASS	
NV			50	0.00	0.000000	20	PASS	
Ant1	5690	NV	-30	0.00	0.000000	20	PASS	
		NV	-20	0.00	0.000000	20	PASS	
		NV	-10	0.00	0.000000	20	PASS	
		NV	0	0.00	0.000000	20	PASS	
		NV	10	-80000.0 0	-14.05975 4	20	PASS	
		NV	20	0.00	0.000000	20	PASS	
		NV	30	-80000.0 0	-14.05975 4	20	PASS	
		NV	40	0.00	0.000000	20	PASS	
		NV	50	0.00	0.000000	20	PASS	
Ant2	5690	NV	-30	0.00	0.000000	20	PASS	
		NV	-20	0.00	0.000000	20	PASS	
		NV	-10	-80000.0 0	-14.05975 4	20	PASS	
		NV	0	0.00	0.000000	20	PASS	
		NV	10	0.00	0.000000	20	PASS	
		NV	20	0.00	0.000000	20	PASS	
		NV	30	-80000.0 0	-14.05975 4	20	PASS	
		NV	40	0.00	0.000000	20	PASS	
		NV	50	0.00	0.000000	20	PASS	
Ant1	5775	NV	-30	0.00	0.000000	20	PASS	
		NV	-20	0.00	0.000000	20	PASS	
		NV	-10	0.00	0.000000	20	PASS	
		NV	0	0.00	0.000000	20	PASS	
		NV	10	0.00	0.000000	20	PASS	
		NV	20	-40000.0 0	-7.259528	20	PASS	

11AC160MIM O	Ant2	5775	NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant1	5250	NV	-30	-80000.0 0	-13.85281 4	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.0 0	-7.259528	20	PASS
			NV	-10	-40000.0 0	-7.259528	20	PASS
Ant2	5250	NV	0	0.00	0.000000	20	PASS	
		NV	10	-40000.0 0	-7.259528	20	PASS	
		NV	20	-40000.0 0	-7.259528	20	PASS	
		NV	30	0.00	0.000000	20	PASS	
		NV	40	0.00	0.000000	20	PASS	
		NV	50	-40000.0 0	-7.259528	20	PASS	
		NV	-30	-40000.0 0	-7.259528	20	PASS	
		NV	-20	-40000.0 0	-7.259528	20	PASS	
		NV	-10	0.00	0.000000	20	PASS	
Ant1	5570	NV	0	-40000.0 0	-7.259528	20	PASS	
		NV	10	-40000.0 0	-7.259528	20	PASS	
		NV	20	0.00	0.000000	20	PASS	
		NV	30	-40000.0 0	-7.259528	20	PASS	
		NV	40	-40000.0 0	-7.259528	20	PASS	
		NV	50	-40000.0 0	-7.259528	20	PASS	
		NV	-30	-40000.0 0	-7.259528	20	PASS	
		NV	-20	-40000.0 0	-7.259528	20	PASS	
		NV	-10	-40000.0 0	-7.259528	20	PASS	
Ant2	5570	NV	0	-40000.0 0	-7.259528	20	PASS	
		NV	10	-40000.0 0	-7.259528	20	PASS	
		NV	20	0.00	0.000000	20	PASS	

11AX40MIMO					0					
			NV	0	-40000.0 0	-7.259528	20	PASS		
			NV	10	0.00	0.000000	20	PASS		
			NV	20	-40000.0 0	-7.259528	20	PASS		
			NV	30	-40000.0 0	-7.259528	20	PASS		
			NV	40	-40000.0 0	-7.259528	20	PASS		
		Ant1	5190	NV	-30	-40000.0 0	-7.707129	20	PASS	
	NV			-20	-40000.0 0	-7.707129	20	PASS		
	NV			-10	-40000.0 0	-7.707129	20	PASS		
	NV			0	0.00	0.000000	20	PASS		
	NV			10	-40000.0 0	-7.707129	20	PASS		
	NV			20	-40000.0 0	-7.707129	20	PASS		
				5270	NV	30	0.00	0.000000	20	PASS
	NV		40		-40000.0 0	-7.707129	20	PASS		
	NV		50		-40000.0 0	-7.707129	20	PASS		
	NV		-30		40000.00	7.590133	20	PASS		
	NV		-20		-40000.0 0	-7.590133	20	PASS		
	NV		-10		0.00	0.000000	20	PASS		
	Ant2	5270	NV	0	40000.00	7.590133	20	PASS		
NV			10	0.00	0.000000	20	PASS			
NV			20	40000.00	7.590133	20	PASS			
NV			30	-40000.0 0	-7.590133	20	PASS			
NV			40	-80000.0 0	-15.18026 6	20	PASS			
NV			50	0.00	0.000000	20	PASS			
			5270	NV	-30	0.00	0.000000	20	PASS	
NV		-20		-40000.0 0	-7.590133	20	PASS			
NV		-10		0.00	0.000000	20	PASS			
NV		0		-40000.0 0	-7.590133	20	PASS			
NV		10		-40000.0 0	-7.590133	20	PASS			
NV		20		-40000.0 0	-7.590133	20	PASS			
	Ant1	5310	NV	30	-40000.0 0	-7.590133	20	PASS		
NV			40	0.00	0.000000	20	PASS			
NV			50	-40000.0 0	-7.590133	20	PASS			
NV			-30	-40000.0 0	-7.532957	20	PASS			
NV			-20	-40000.0 0	-7.532957	20	PASS			
		5310	NV	-10	-40000.0 0	-7.259528	20	PASS		
NV	0		-40000.0 0	-7.532957	20	PASS				
NV	10		-40000.0 0	-7.532957	20	PASS				

			NV	20	-40000.0 0	-7.532957	20	PASS
			NV	30	-80000.0 0	-15.06591 3	20	PASS
			NV	40	-40000.0 0	-7.532957	20	PASS
			NV	50	-80000.0 0	-15.06591 3	20	PASS
	Ant2	5310	NV	-30	-40000.0 0	-7.532957	20	PASS
			NV	-20	-40000.0 0	-7.532957	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.0 0	-7.532957	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-40000.0 0	-7.532957	20	PASS
			NV	50	-40000.0 0	-7.532957	20	PASS
			Ant1	5510	NV	-30	-40000.0 0	-7.259528
	NV	-20			-40000.0 0	-7.259528	20	PASS
	NV	-10			-40000.0 0	-7.259528	20	PASS
	NV	0			-40000.0 0	-7.259528	20	PASS
	NV	10			-40000.0 0	-7.259528	20	PASS
	NV	20			-40000.0 0	-7.259528	20	PASS
	NV	30			-40000.0 0	-7.259528	20	PASS
	NV	40			-40000.0 0	-7.259528	20	PASS
	NV	50			-40000.0 0	-7.259528	20	PASS
	Ant2	5510			NV	-30	-40000.0 0	-7.259528
			NV	-20	0.00	0.000000	20	PASS
NV			-10	-40000.0 0	-7.259528	20	PASS	
NV			0	-40000.0 0	-7.259528	20	PASS	
NV			10	0.00	0.000000	20	PASS	
NV			20	-40000.0 0	-7.259528	20	PASS	
NV			30	-40000.0 0	-7.259528	20	PASS	
NV			40	0.00	0.000000	20	PASS	
NV			50	-40000.0 0	-7.259528	20	PASS	
Ant1	5550	NV	-30	-40000.0 0	-7.207207	20	PASS	
		NV	-20	-40000.0 0	-7.207207	20	PASS	
		NV	-10	-40000.0 0	-7.207207	20	PASS	
		NV	0	0.00	0.000000	20	PASS	
		NV	10	-40000.0 0	-7.207207	20	PASS	
		NV	20	-40000.0	-7.207207	20	PASS	

					0			
			NV	30	-40000.0 0	-7.207207	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5550	NV	-30	-40000.0 0	-7.207207	20	PASS
			NV	-20	-40000.0 0	-7.207207	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.0 0	-7.207207	20	PASS
			NV	40	-40000.0 0	-7.207207	20	PASS
			NV	50	-40000.0 0	-7.207207	20	PASS
			Ant1	5670	NV	-30	0.00	0.000000
	NV	-20			-40000.0 0	-7.054674	20	PASS
	NV	-10			-40000.0 0	-7.054674	20	PASS
	NV	0			-40000.0 0	-7.054674	20	PASS
	NV	10			-40000.0 0	-7.054674	20	PASS
	NV	20			-40000.0 0	-7.054674	20	PASS
	NV	30			-40000.0 0	-7.054674	20	PASS
	NV	40			-40000.0 0	-7.054674	20	PASS
	NV	50			0.00	0.000000	20	PASS
	Ant2	5670	NV	-30	-40000.0 0	-7.054674	20	PASS
			NV	-20	-40000.0 0	-7.054674	20	PASS
			NV	-10	-80000.0 0	-14.10934 7	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.0 0	-7.054674	20	PASS
			NV	20	-40000.0 0	-7.054674	20	PASS
			NV	30	-40000.0 0	-7.054674	20	PASS
			NV	40	-40000.0 0	-7.054674	20	PASS
			NV	50	-40000.0 0	-7.054674	20	PASS
	Ant1	5710	NV	-30	-40000.0 0	-7.005254	20	PASS
			NV	-20	-40000.0 0	-7.005254	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.0 0	-7.005254	20	PASS
			NV	20	-40000.0 0	-7.005254	20	PASS
			NV	30	-40000.0 0	-7.005254	20	PASS
			NV	40	0.00	0.000000	20	PASS

	Ant2	5710	NV	50	0.00	0.000000	20	PASS
			NV	-30	-40000.0 0	-7.005254	20	PASS
			NV	-20	-40000.0 0	-7.005254	20	PASS
			NV	-10	-40000.0 0	-7.005254	20	PASS
			NV	0	-40000.0 0	-7.005254	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.0 0	-7.005254	20	PASS
			NV	40	-40000.0 0	-7.005254	20	PASS
	NV	50	-40000.0 0	-7.005254	20	PASS		
	Ant1	5755	NV	-30	-80000.0 0	-13.90095 6	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.0 0	-6.950478	20	PASS
			NV	0	-80000.0 0	-13.90095 6	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-80000.0 0	-13.90095 6	20	PASS
			NV	30	-80000.0 0	-13.90095 6	20	PASS
			NV	40	-40000.0 0	-6.950478	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5755	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.0 0	-6.950478	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-80000.0 0	-13.90095 6	20	PASS
			NV	10	-80000.0 0	-13.90095 6	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.0 0	-6.950478	20	PASS
			NV	40	-40000.0 0	-6.950478	20	PASS
			NV	50	-40000.0 0	-6.950478	20	PASS
	Ant1	5795	NV	-30	-40000.0 0	-6.902502	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	-40000.0 0	-6.902502	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-40000.0 0	-6.902502	20	PASS
			NV	40	-40000.0 0	-6.902502	20	PASS
NV			50	-40000.0 0	-6.902502	20	PASS	
Ant2	5795	NV	-30	0.00	0.000000	20	PASS	
		NV	-20	0.00	0.000000	20	PASS	
		NV	-10	-40000.0 0	-6.902502	20	PASS	

11AX80MIMO			NV	0	-40000.0 0	-6.902502	20	PASS	
			NV	10	-40000.0 0	-6.902502	20	PASS	
			NV	20	-40000.0 0	-6.902502	20	PASS	
			NV	30	0.00	0.000000	20	PASS	
			NV	40	-40000.0 0	-6.902502	20	PASS	
			NV	50	-40000.0 0	-6.902502	20	PASS	
	Ant1	5210	NV	-30	0.00	0.000000	20	PASS	
			NV	-20	0.00	0.000000	20	PASS	
			NV	-10	0.00	0.000000	20	PASS	
			NV	0	0.00	0.000000	20	PASS	
			NV	10	-80000.0 0	-15.35508 6	20	PASS	
			NV	20	0.00	0.000000	20	PASS	
		Ant2	5210	NV	30	0.00	0.000000	20	PASS
				NV	40	0.00	0.000000	20	PASS
				NV	50	0.00	0.000000	20	PASS
				NV	-30	0.00	0.000000	20	PASS
				NV	-20	-80000.0 0	-15.35508 6	20	PASS
				NV	-10	-40000.0 0	-7.259528	20	PASS
Ant1	5290	NV	0	-80000.0 0	-15.35508 6	20	PASS		
		NV	10	0.00	0.000000	20	PASS		
		NV	20	0.00	0.000000	20	PASS		
		NV	30	0.00	0.000000	20	PASS		
		NV	40	-80000.0 0	-15.35508 6	20	PASS		
		NV	50	0.00	0.000000	20	PASS		
	Ant2	5290	NV	-30	0.00	0.000000	20	PASS	
			NV	-20	0.00	0.000000	20	PASS	
			NV	-10	-40000.0 0	-7.259528	20	PASS	
			NV	0	0.00	0.000000	20	PASS	
			NV	10	0.00	0.000000	20	PASS	
			NV	20	0.00	0.000000	20	PASS	
Ant1	5530	NV	30	0.00	0.000000	20	PASS		
		NV	40	0.00	0.000000	20	PASS		
		NV	50	-80000.0 0	-15.12287 3	20	PASS		
		NV	-30	-80000.0 0	-15.12287 3	20	PASS		
		NV	-20	0.00	0.000000	20	PASS		
		NV	-10	0.00	0.000000	20	PASS		
	Ant2	5530	NV	0	-80000.0 0	-15.12287 3	20	PASS	
			NV	10	0.00	0.000000	20	PASS	
			NV	20	0.00	0.000000	20	PASS	
			NV	30	0.00	0.000000	20	PASS	
			NV	40	0.00	0.000000	20	PASS	
			NV	50	-80000.0 0	-15.12287 3	20	PASS	
Ant1	5530	NV	-30	80000.00	14.466546	20	PASS		
		NV	-20	-80000.0 0	-14.46654 6	20	PASS		
		NV	-10	-80000.0 0	-14.46654 6	20	PASS		
		NV	0	0.00	0.000000	20	PASS		
		NV	10	0.00	0.000000	20	PASS		
		NV	20	0.00	0.000000	20	PASS		

	Ant2	5530	NV	30	0.00	0.000000	20	PASS		
			NV	40	0.00	0.000000	20	PASS		
			NV	50	0.00	0.000000	20	PASS		
			NV	-30	0.00	0.000000	20	PASS		
			NV	-20	-80000.0 0	-14.46654 6	20	PASS		
			NV	-10	0.00	0.000000	20	PASS		
			NV	0	-80000.0 0	-14.46654 6	20	PASS		
			NV	10	0.00	0.000000	20	PASS		
			NV	20	0.00	0.000000	20	PASS		
			NV	30	-80000.0 0	-14.46654 6	20	PASS		
			NV	40	0.00	0.000000	20	PASS		
			NV	50	80000.00	14.466546	20	PASS		
	Ant1	5610	NV	-30	0.00	0.000000	20	PASS		
			NV	-20	0.00	0.000000	20	PASS		
			NV	-10	-40000.0 0	-7.259528	20	PASS		
			NV	0	0.00	0.000000	20	PASS		
			NV	10	0.00	0.000000	20	PASS		
			NV	20	0.00	0.000000	20	PASS		
			NV	30	0.00	0.000000	20	PASS		
			NV	40	0.00	0.000000	20	PASS		
			NV	50	0.00	0.000000	20	PASS		
			Ant2	5610	NV	-30	0.00	0.000000	20	PASS
					NV	-20	0.00	0.000000	20	PASS
					NV	-10	0.00	0.000000	20	PASS
	NV	0			0.00	0.000000	20	PASS		
	NV	10			0.00	0.000000	20	PASS		
	NV	20			-80000.0 0	-14.26025 0	20	PASS		
	NV	30			0.00	0.000000	20	PASS		
	NV	40			-80000.0 0	-14.26025 0	20	PASS		
	NV	50			0.00	0.000000	20	PASS		
	Ant1	5690			NV	-30	-40000.0 0	-7.259528	20	PASS
					NV	-20	0.00	0.000000	20	PASS
					NV	-10	-80000.0 0	-14.05975 4	20	PASS
			NV	0	80000.00	14.059754	20	PASS		
			NV	10	0.00	0.000000	20	PASS		
			NV	20	-40000.0 0	-7.259528	20	PASS		
NV			30	80000.00	14.059754	20	PASS			
NV			40	0.00	0.000000	20	PASS			
NV			50	0.00	0.000000	20	PASS			
Ant2			5690	NV	-30	0.00	0.000000	20	PASS	
				NV	-20	0.00	0.000000	20	PASS	
				NV	-10	-80000.0 0	-14.05975 4	20	PASS	
	NV	0		-80000.0 0	-14.05975 4	20	PASS			
	NV	10		0.00	0.000000	20	PASS			
	NV	20		0.00	0.000000	20	PASS			
	NV	30		-80000.0 0	-14.05975 4	20	PASS			
	NV	40		0.00	0.000000	20	PASS			
	NV	50		0.00	0.000000	20	PASS			
	Ant1	5775		NV	-30	0.00	0.000000	20	PASS	
				NV	-20	80000.00	13.852814	20	PASS	
				NV	-10	0.00	0.000000	20	PASS	
NV			0	0.00	0.000000	20	PASS			

			NV	10	-80000.0 0	-13.85281 4	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-80000.0 0	-13.85281 4	20	PASS
			NV	40	-80000.0 0	-13.85281 4	20	PASS
			NV	50	0.00	0.000000	20	PASS
	Ant2	5775	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-80000.0 0	-13.85281 4	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-80000.0 0	-13.85281 4	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-80000.0 0	-13.85281 4	20	PASS
			11AX160MIM O	Ant1	5250	NV	-30	0.00
NV	-20	0.00				0.000000	20	PASS
NV	-10	0.00				0.000000	20	PASS
NV	0	-40000.0 0				-7.259528	20	PASS
NV	10	-40000.0 0				-7.259528	20	PASS
NV	20	-40000.0 0				-7.259528	20	PASS
NV	30	-40000.0 0				-7.259528	20	PASS
NV	40	-40000.0 0				-7.259528	20	PASS
Ant2	5250	NV		50	-40000.0 0	-7.259528	20	PASS
		NV		-30	-40000.0 0	-7.259528	20	PASS
		NV		-20	0.00	0.000000	20	PASS
		NV		-10	0.00	0.000000	20	PASS
		NV		0	0.00	0.000000	20	PASS
		NV		10	-40000.0 0	-7.259528	20	PASS
		NV		20	-40000.0 0	-7.259528	20	PASS
		NV		30	-40000.0 0	-7.259528	20	PASS
Ant1	5570	NV		40	0.00	0.000000	20	PASS
		NV		50	-40000.0 0	-7.259528	20	PASS
		NV		-30	-40000.0 0	-7.259528	20	PASS
		NV		-20	-40000.0 0	-7.259528	20	PASS
		NV		-10	0.00	0.000000	20	PASS
		NV		0	0.00	0.000000	20	PASS
		NV		10	-40000.0 0	-7.259528	20	PASS
		NV		20	-40000.0 0	-7.259528	20	PASS
Ant2	5570	NV	30	0.00	0.000000	20	PASS	
		NV	40	0.00	0.000000	20	PASS	
			NV	50	0.00	0.000000	20	PASS
			NV	-30	-40000.0 0	-7.259528	20	PASS
			NV	-20	-40000.0	-7.259528	20	PASS

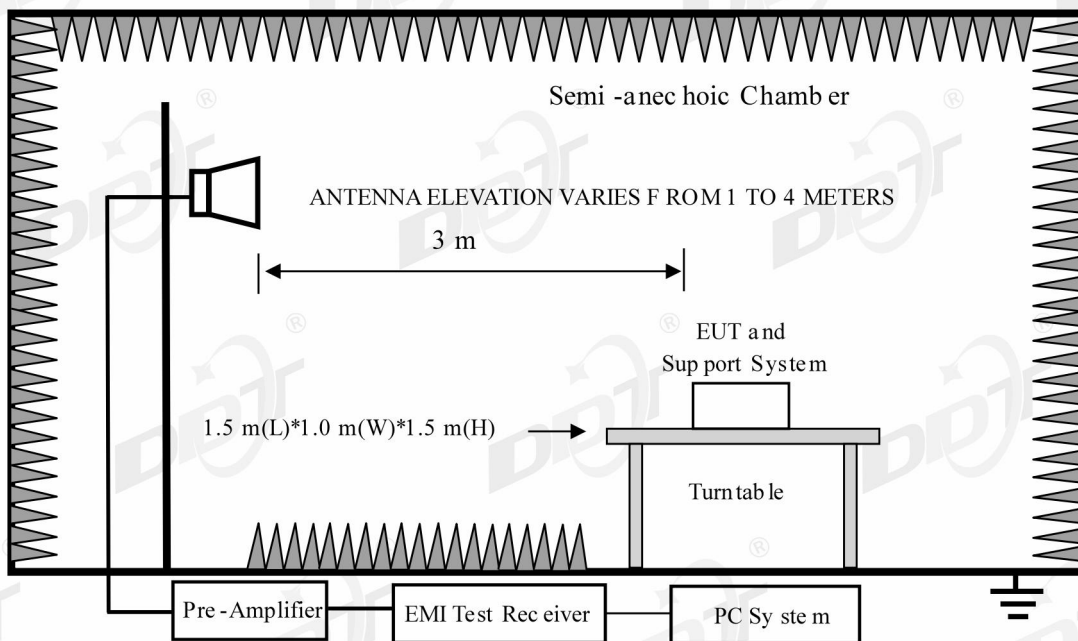
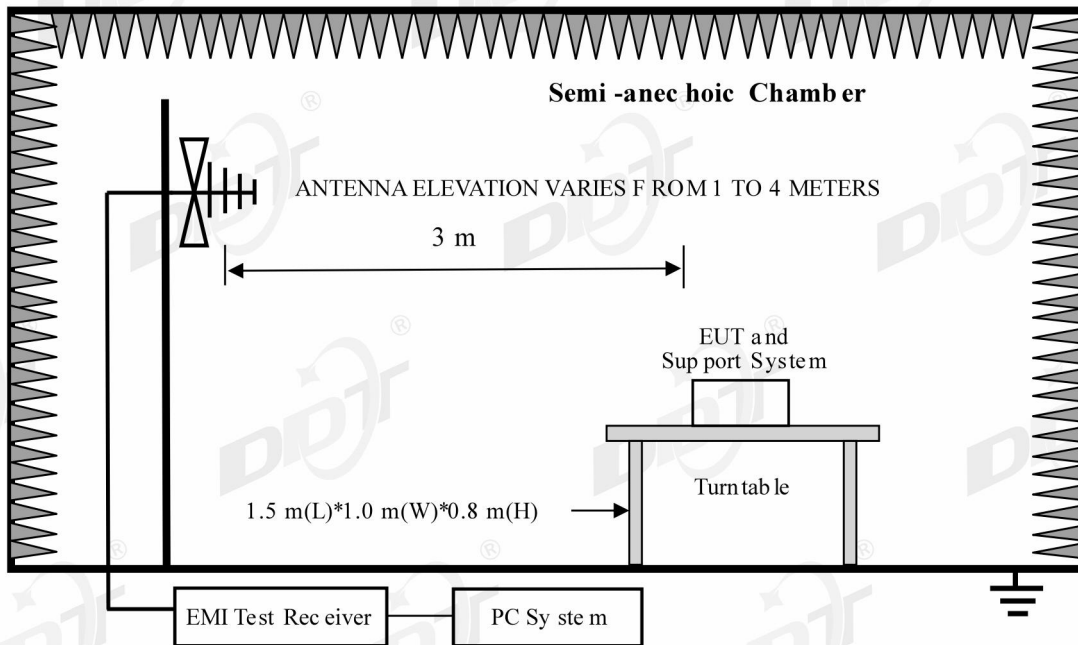
			0				
NV	-10	-40000.0 0	-7.259528	20	PASS		
NV	0	-40000.0 0	-7.259528	20	PASS		
NV	10	-40000.0 0	-7.259528	20	PASS		
NV	20	0.00	0.000000	20	PASS		
NV	30	0.00	0.000000	20	PASS		
NV	40	-40000.0 0	-7.259528	20	PASS		
NV	50	0.00	0.000000	20	PASS		

11.Radiated Emission

11.1.Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2024/05/14
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2024/04/21
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2024/04/23
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2024/04/26
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2024/04/23
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2024/07/11
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2024/04/23
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2024/04/20
Hochgewinn-Hornantenne	Schwarzbeck Mess-Elektronik	BBHA 9120 D	DDT-ZC02129	2024/09/17
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2024/07/14
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2024/04/27
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2024/09/10
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2024/04/21
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2024/04/23
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2024/05/14
High Pass filter	XIANXINGBO	XBLBQ-GTA67	DDT-ZC02179	2024/05/14

11.2. Block diagram of test setup



11.3. Limits

(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
10.495-0.505	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
4.1772&4.17775	37.5-38.25	1435-1626.5	9.0-9.2

4.2072&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

RSS-Gen section 8.10 Restricted frequency bands*

MHz	MHz	MHz	GHz
0.090-0.110	12.51975-12.52025	240-285	3.5-4.4
0.495-0.505	12.57675-12.57725	322-335.4	4.5-5.15
2.1735-2.1905	13.36-13.41	399.9-410	5.35-5.46
3.020-3.026	16.42-16.423	608-614	7.25-7.75
4.125-4.128	16.69475-16.69525	960-1427	8.025-8.5
4.1772&4.17775	16.80425-16.80475	1435-1626.5	9.0-9.2
4.2072&4.20775	25.5-25.67	1645.5-1646.5	9.3-9.5
5.677-5.683	37.5-38.25	1660-1710	10.6-12.7
6.215-6.218	73-74.6	1718.8-1722.2	13.25-13.4
6.26775-6.26825	74.8-75.2	2200-2300	14.47-14.5
6.31175-6.31225	108-138	2310-2390	15.35-16.2
8.291-8.294	149.9-150.05	2483.5-2500	17.7-21.4
8.362-8.366	156.52475-156.52525	2655-2900	22.01-23.12
8.37625-8.38675	156.7-156.9	3260-3267	23.6-24.0
8.41425-8.41475	162.0125-167.17	3332-3339	31.2-31.8
12.29-12.293	167.72-173.2	3345.8-3358	36.43-36.5
			Above 38.6

* Certain frequency bands listed in table and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

(2) FCC 15.209 Limit & RSS-Gen section 8.9 Limit

FREQUENCY	DISTANCE	FIELD STRENGTHS LIMIT
-----------	----------	-----------------------

MHz		Meters	mV/m	dB(mV)/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(mV)/m (Peak) 54.0 dB(mV)/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 - 90 kHz, 110 - 490 kHz and above 1000 MHz, radiated emissions limits in these three bands are based on measurements employing an average detector.

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

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

(3) Limit for this EUT

The emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, and the emissions appearing within RSS-Gen section 8.10 Restricted frequency bands shall not exceed the limits shown in RSS-Gen section 8.9, all the other emissions shall be at least 20 dB below the fundamental emissions or comply with 15.209 limits and RSS-Gen section 8.9 limits.

11.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

11.5. Test procedure

(1) EUT was placed on a non-metallic table, 80 cm above the ground plane inside a semi-anechoic chamber for below 1G and 150 cm above the ground plane inside a fully-anechoic chamber for above 1G.

(2) Test antenna was located 3 m from the EUT on an adjustable mast, and the antenna used as below table.

Test frequency range	Test antenna used	Test antenna 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(1 GHz-18 GHz)	3 m
18 GHz - 40 GHz	Horn Antenna(18 GHz-40 GHz)	1 m

According to ANSI C63.10:2013 clause 6.4.6 and 6.5.3, for measurements below 30 MHz, the antenna was located 3 m from the EUT, the loop antenna was positioned in three antenna orientations (parallel, perpendicular, and round-parallel), for each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable, and the lowest height of the magnetic antenna shall be 1 m above the ground. For measurement above 30 MHz, the tri-log Broadband Antenna or Horn Antenna was located 3 m from the 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.

(3) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9 kHz to 25 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 1 m 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 through three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Spectrum frequency from 9 kHz to 25 GHz (tenth harmonic of fundamental frequency) was investigated, and no obvious emissions were detected from 18 GHz to 25 GHz, so below final test was performed with frequency range from 9 kHz to 18 GHz.

(4) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1 m and 4 m 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 C63.10:2013 on Radiated Emission test.

(5) 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 - 90 kHz, 110 kHz - 490 kHz and above 1 GHz were measured based on average detector, for emissions above 1 GHz, peak emissions also be measured and need comply with Peak limit.

(6) 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

(7) 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 3 MHz for Peak measure; According to ANSI C63.10:2013 clause 4.1.4.2.2 procedure for average measure.

(8) For portable device, X axis, Y axis, Z axis are tested, and worse setup is reported.

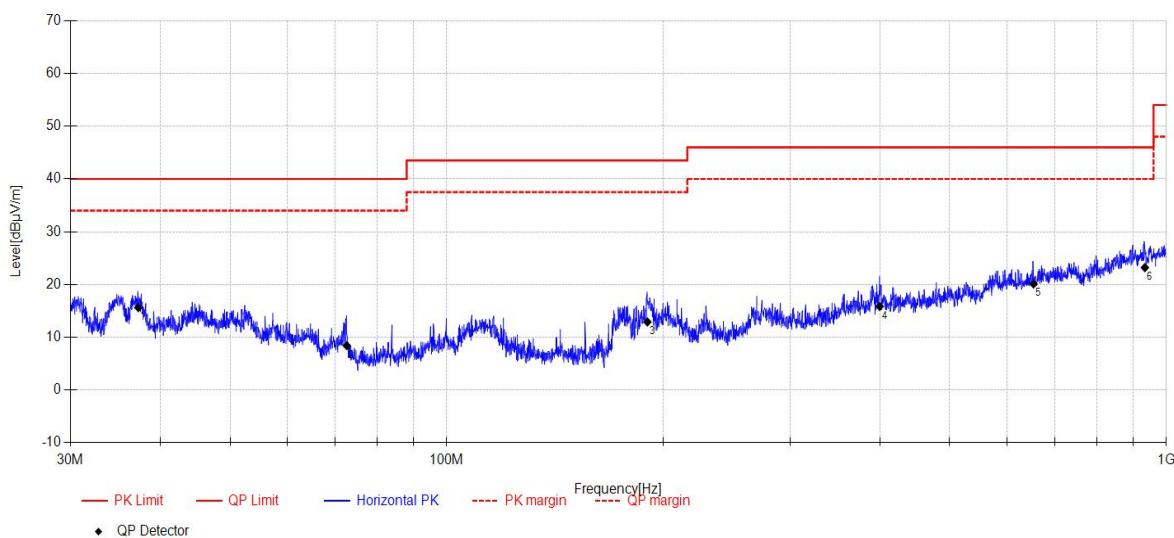
11.6. Test result

PASS. (See below detailed test result)

11.7. Test data

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 5GWIFI TX **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC BELOW 1G\20240124-025527_H
Memo: Sample Number:S23111605-03 Power Setting:NA



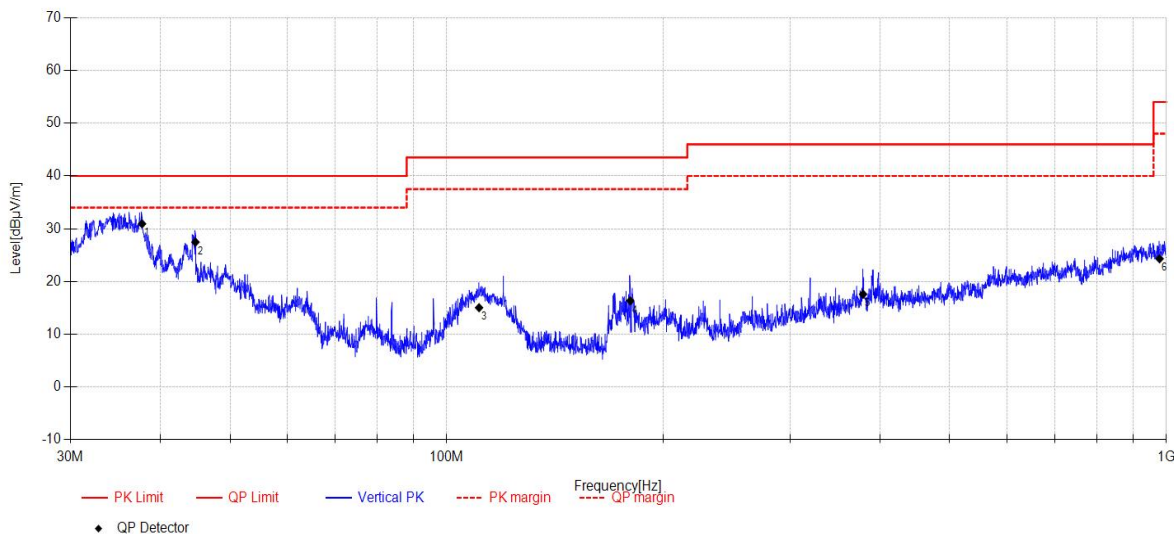
Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	37.28	30.34	11.61	4.56	-30.89	15.62	40.00	24.38	QP	Horizontal
2	72.63	24.81	9.35	4.80	-30.55	8.41	40.00	31.59	QP	Horizontal
3	190.07	28.17	9.71	5.65	-30.63	12.90	43.50	30.60	QP	Horizontal
4	399.66	23.94	15.29	6.70	-30.10	15.83	46.00	30.17	QP	Horizontal
5	653.83	23.74	18.71	7.56	-29.90	20.11	46.00	25.89	QP	Horizontal
6	933.59	21.52	21.93	8.46	-28.70	23.21	46.00	22.79	QP	Horizontal

Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 5GWIFI TX **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC BELOW 1G\20240124-025547_V
Memo: Sample Number:S23111605-03 Power Setting:NA



Data List										
NO.	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	37.73	45.76	11.48	4.57	-30.88	30.93	40.00	9.07	QP	Vertical
2	44.77	40.43	13.15	4.66	-30.78	27.46	40.00	12.54	QP	Vertical
3	110.93	28.87	11.91	5.12	-30.87	15.03	43.50	28.47	QP	Vertical
4	179.95	31.74	9.69	5.57	-30.66	16.34	43.50	27.16	QP	Vertical
5	378.92	25.66	15.48	6.58	-30.14	17.58	46.00	28.42	QP	Vertical
6	978.50	21.89	22.10	8.61	-28.29	24.31	54.00	29.69	QP	Vertical

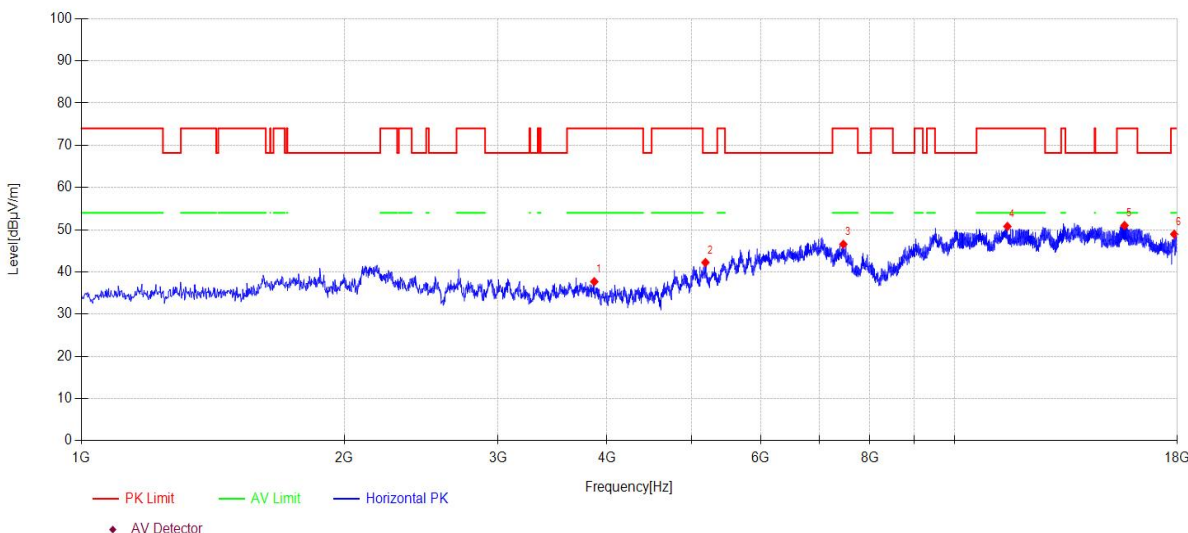
Note:

1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5180MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\1
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3867.90	41.08	31.01	5.98	-40.37	37.70	74.00	36.30	PK	Horizontal
2	5185.40	40.71	33.33	8.26	-40.06	42.24	68.20	25.96	PK	Horizontal
3	7460.00	42.93	36.58	8.89	-41.85	46.55	74.00	27.45	PK	Horizontal
4	11499.20	40.98	39.20	9.92	-39.32	50.78	74.00	23.22	PK	Horizontal
5	15660.80	37.27	38.54	14.36	-39.16	51.01	74.00	22.99	PK	Horizontal
6	17853.80	36.90	41.39	12.71	-42.07	48.93	74.00	25.07	PK	Horizontal

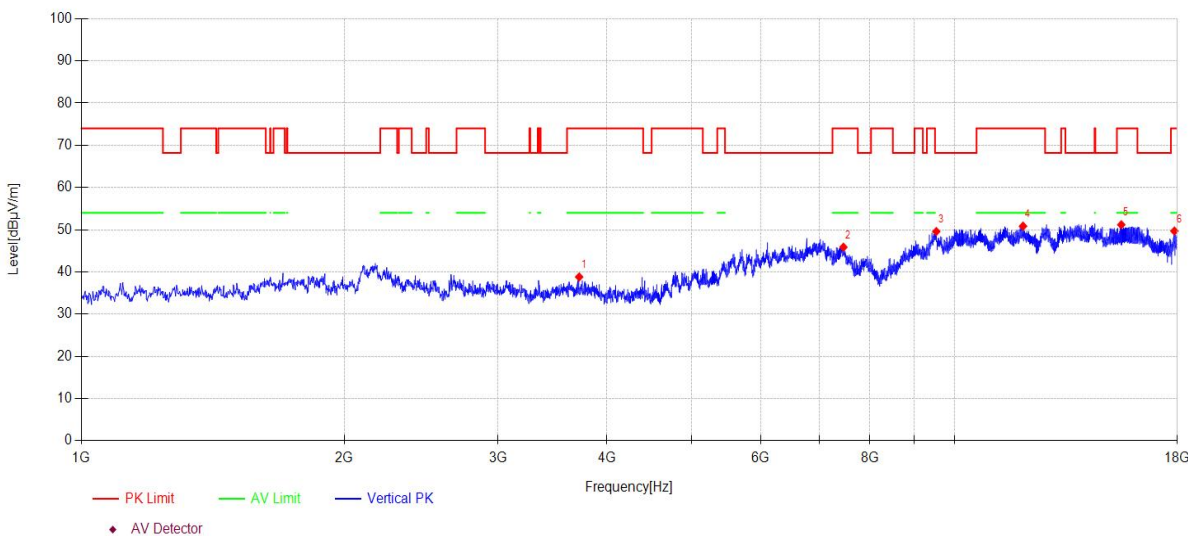
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5180MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\2
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3716.60	42.80	30.43	5.87	-40.28	38.82	74.00	35.18	PK	Vertical
2	7461.70	42.25	36.58	8.89	-41.85	45.87	74.00	28.13	PK	Vertical
3	9532.30	40.45	38.64	9.24	-38.75	49.58	68.20	18.62	PK	Vertical
4	11982.00	40.94	39.15	10.31	-39.55	50.85	74.00	23.15	PK	Vertical
5	15526.50	37.84	38.75	13.68	-39.08	51.19	74.00	22.81	PK	Vertical
6	17864.00	37.57	41.50	12.72	-42.10	49.69	74.00	24.31	PK	Vertical

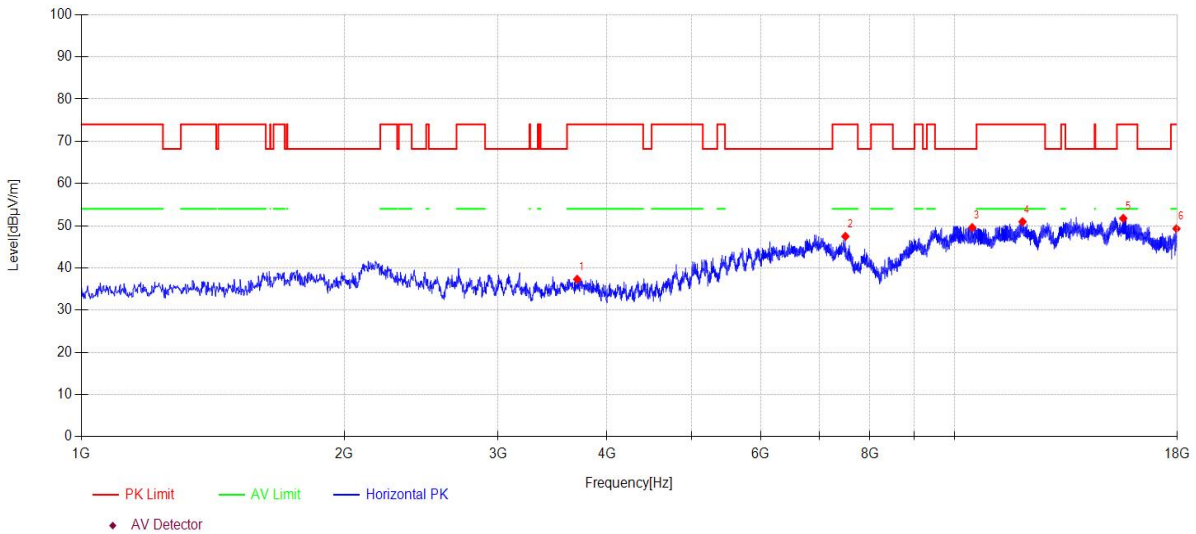
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5200MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\3
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3697.90	41.33	30.39	5.86	-40.27	37.31	74.00	36.69	PK	Horizontal
2	7500.80	44.04	36.50	8.88	-41.95	47.47	74.00	26.53	PK	Horizontal
3	10479.20	39.93	39.06	9.47	-38.90	49.56	68.20	18.64	PK	Horizontal
4	11966.70	41.09	39.10	10.29	-39.54	50.94	74.00	23.06	PK	Horizontal
5	15606.40	38.18	38.59	14.09	-39.12	51.74	74.00	22.26	PK	Horizontal
6	17959.20	36.61	42.20	12.81	-42.31	49.31	74.00	24.69	PK	Horizontal

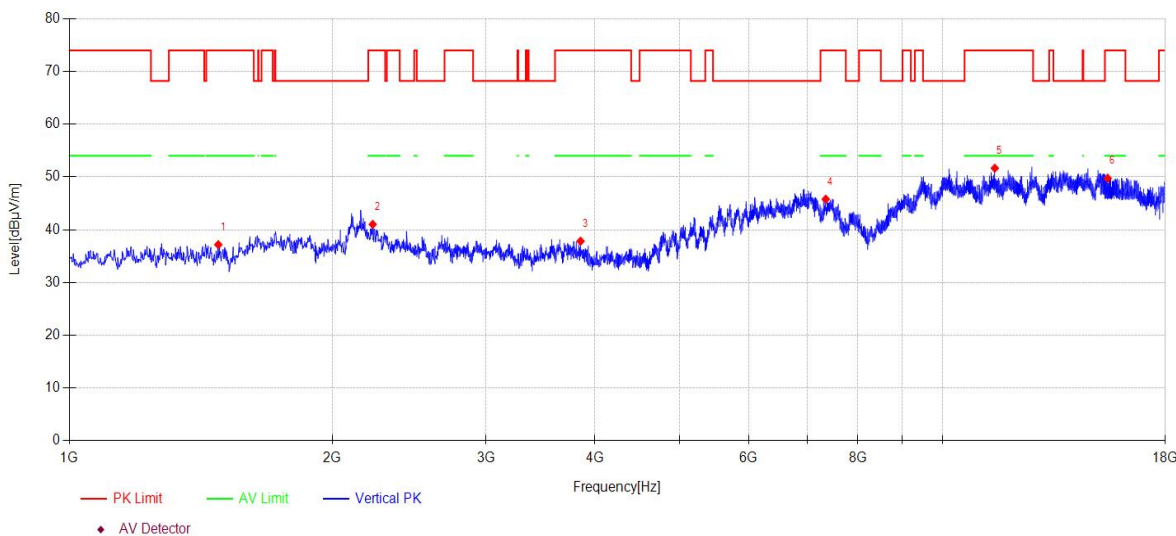
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5200MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\10
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	1481.10	44.17	25.42	4.52	-36.94	37.17	74.00	36.83	PK	Vertical
2	2225.70	45.09	27.54	6.03	-37.65	41.01	74.00	32.99	PK	Vertical
3	3850.90	41.31	30.91	5.97	-40.36	37.83	74.00	36.17	PK	Vertical
4	7351.20	41.67	36.80	8.90	-41.58	45.79	74.00	28.21	PK	Vertical
5	11480.50	41.86	39.22	9.90	-39.32	51.66	74.00	22.34	PK	Vertical
6	15458.50	36.59	38.88	13.34	-39.04	49.77	74.00	24.23	PK	Vertical

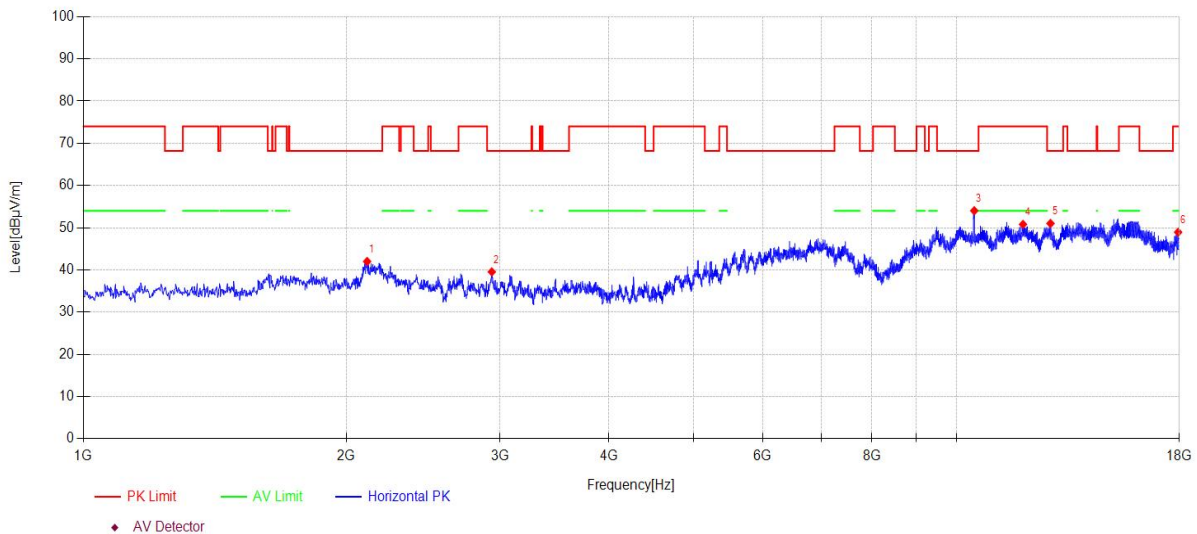
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5240MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\5
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2113.50	45.71	27.50	6.13	-37.33	42.01	68.20	26.19	PK	Horizontal
2	2936.30	45.45	28.35	5.41	-39.66	39.55	68.20	28.65	PK	Horizontal
3	10480.90	44.40	39.06	9.47	-38.90	54.03	68.20	14.17	PK	Horizontal
4	11919.10	41.10	38.96	10.26	-39.52	50.80	74.00	23.20	PK	Horizontal
5	12815.00	40.70	39.82	10.37	-39.88	51.01	68.20	17.19	PK	Horizontal
6	17943.90	36.29	42.12	12.80	-42.27	48.94	74.00	25.06	PK	Horizontal

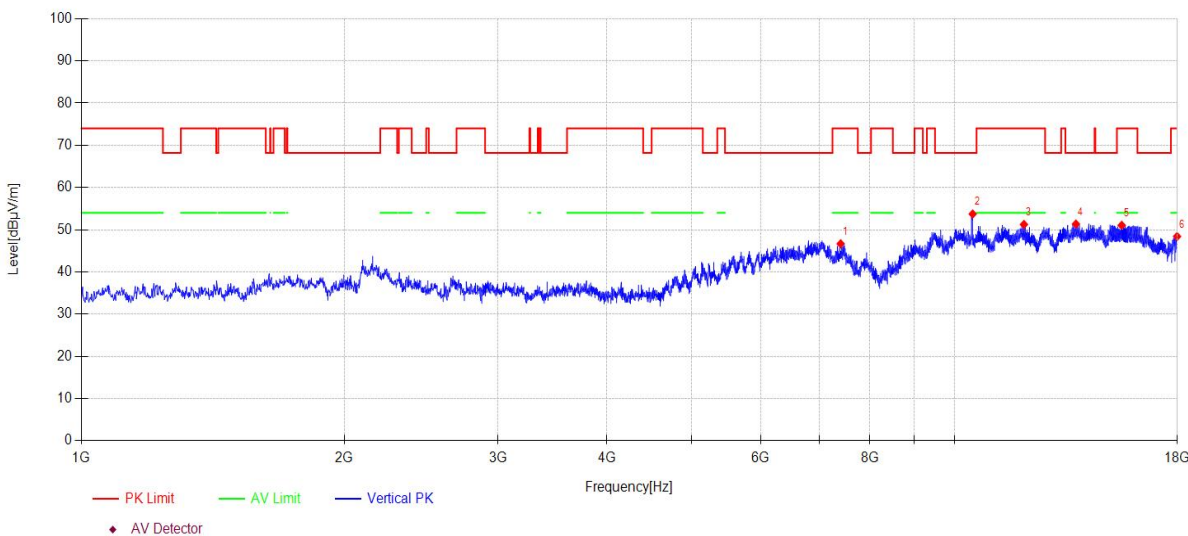
Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5240MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\6
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	7407.30	42.80	36.69	8.89	-41.72	46.66	74.00	27.34	PK	Vertical
2	10492.80	44.07	39.09	9.47	-38.90	53.73	68.20	14.47	PK	Vertical
3	12010.90	41.28	39.21	10.32	-39.56	51.25	74.00	22.75	PK	Vertical
4	13775.50	40.06	40.32	10.67	-39.71	51.34	68.20	16.86	PK	Vertical
5	15543.50	37.66	38.71	13.77	-39.09	51.05	74.00	22.95	PK	Vertical
6	17988.10	35.60	42.34	12.84	-42.37	48.41	74.00	25.59	PK	Vertical

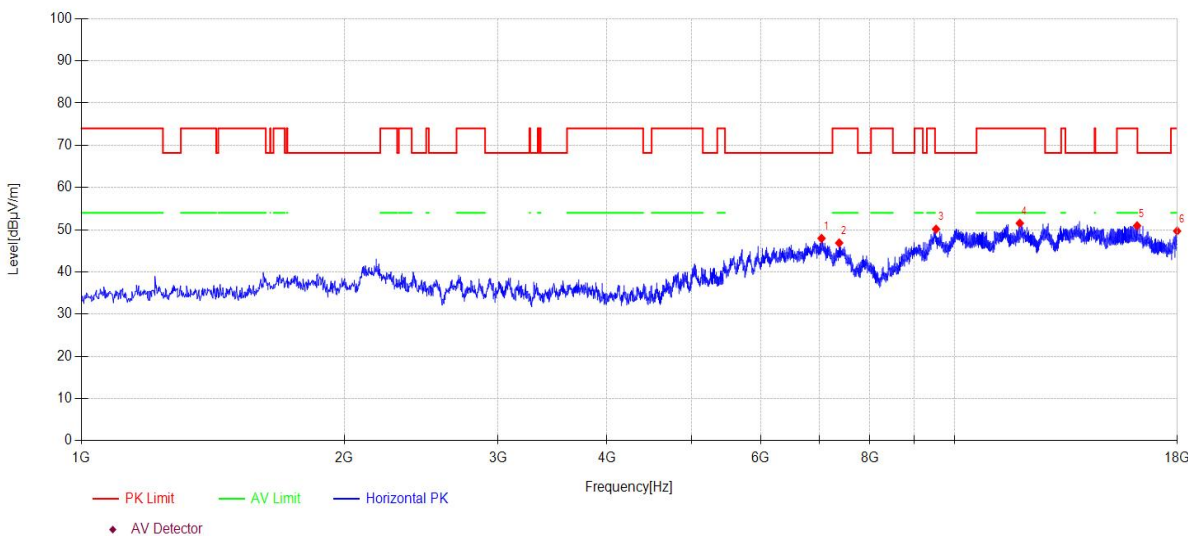
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5260MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\7
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	7043.50	43.54	36.27	8.95	-40.81	47.95	68.20	20.25	PK	Horizontal
2	7378.40	42.88	36.74	8.90	-41.65	46.87	74.00	27.13	PK	Horizontal
3	9525.50	41.00	38.65	9.24	-38.75	50.14	68.20	18.06	PK	Horizontal
4	11881.70	41.90	38.90	10.23	-39.50	51.53	74.00	22.47	PK	Horizontal
5	16187.80	37.36	37.81	15.28	-39.51	50.94	74.00	23.06	PK	Horizontal
6	17991.50	36.87	42.36	12.84	-42.38	49.69	74.00	24.31	PK	Horizontal

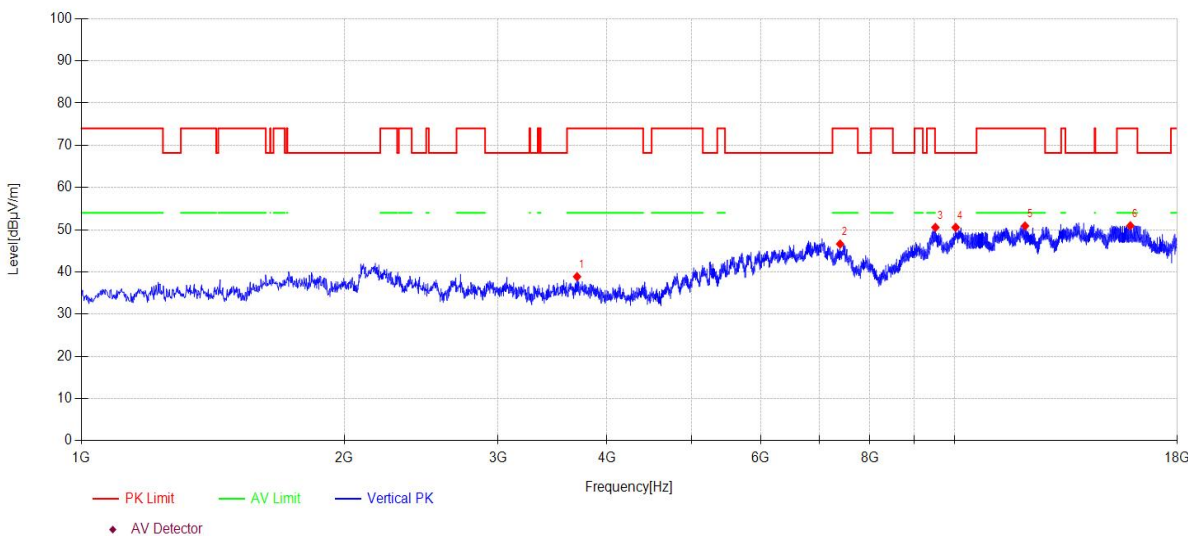
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5260MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\8
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3696.20	42.90	30.38	5.86	-40.26	38.88	74.00	35.12	PK	Vertical
2	7397.10	42.69	36.71	8.90	-41.69	46.61	74.00	27.39	PK	Vertical
3	9510.20	41.39	38.68	9.23	-38.75	50.55	68.20	17.65	PK	Vertical
4	10032.10	41.23	38.63	9.42	-38.73	50.55	68.20	17.65	PK	Vertical
5	12046.60	40.91	39.25	10.32	-39.58	50.90	74.00	23.10	PK	Vertical
6	15902.20	36.57	38.10	15.58	-39.30	50.95	74.00	23.05	PK	Vertical

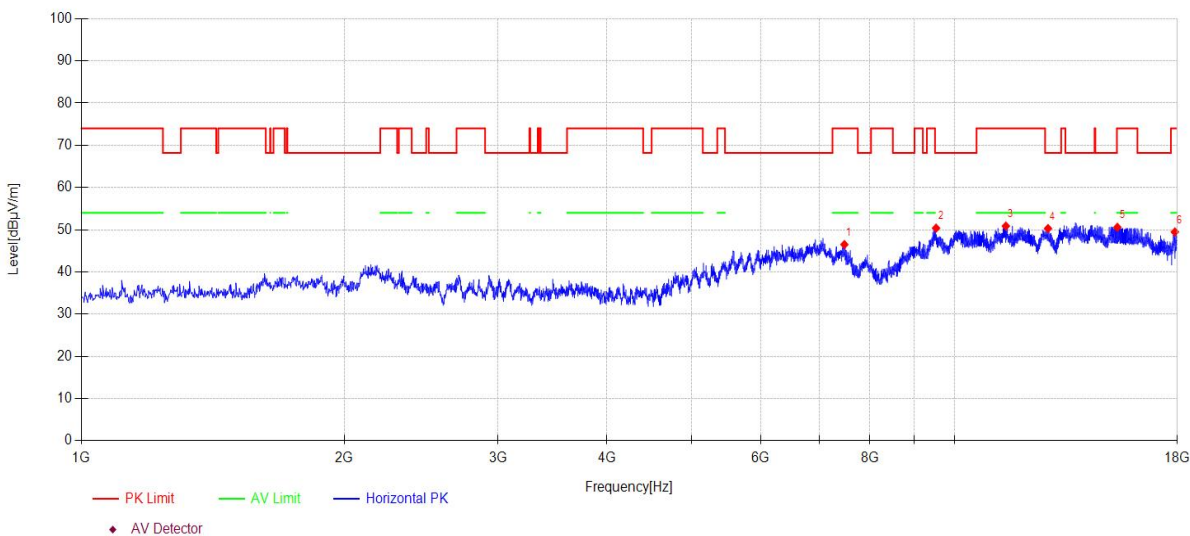
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5280MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\9
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	7480.40	42.98	36.54	8.88	-41.90	46.50	74.00	27.50	PK	Horizontal
2	9527.20	41.24	38.65	9.24	-38.75	50.38	68.20	17.82	PK	Horizontal
3	11451.60	41.04	39.25	9.88	-39.30	50.87	74.00	23.13	PK	Horizontal
4	12798.00	39.99	39.80	10.37	-39.87	50.29	68.20	17.91	PK	Horizontal
5	15368.40	37.42	39.25	12.89	-38.98	50.58	74.00	23.42	PK	Horizontal
6	17882.70	37.16	41.71	12.74	-42.14	49.47	74.00	24.53	PK	Horizontal

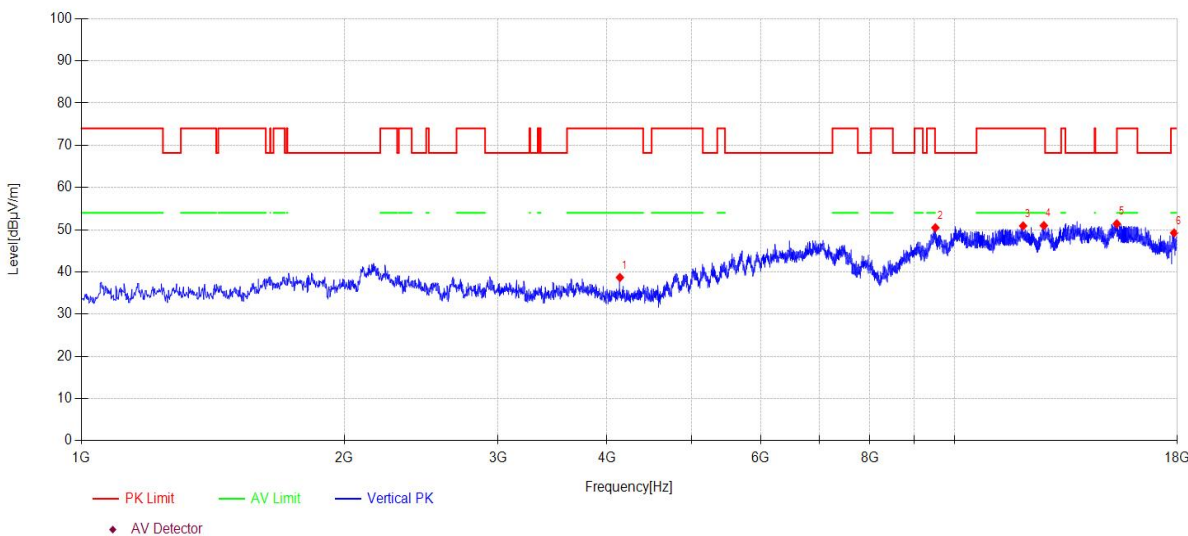
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5280MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\10
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	4138.20	41.56	31.18	6.35	-40.40	38.69	74.00	35.31	PK	Vertical
2	9510.20	41.31	38.68	9.23	-38.75	50.47	68.20	17.73	PK	Vertical
3	11985.40	40.99	39.16	10.31	-39.55	50.91	74.00	23.09	PK	Vertical
4	12658.60	40.92	39.52	10.36	-39.82	50.98	74.00	23.02	PK	Vertical
5	15344.60	38.17	39.44	12.77	-38.97	51.41	68.20	16.79	PK	Vertical
6	17848.70	37.27	41.34	12.70	-42.06	49.25	74.00	24.75	PK	Vertical

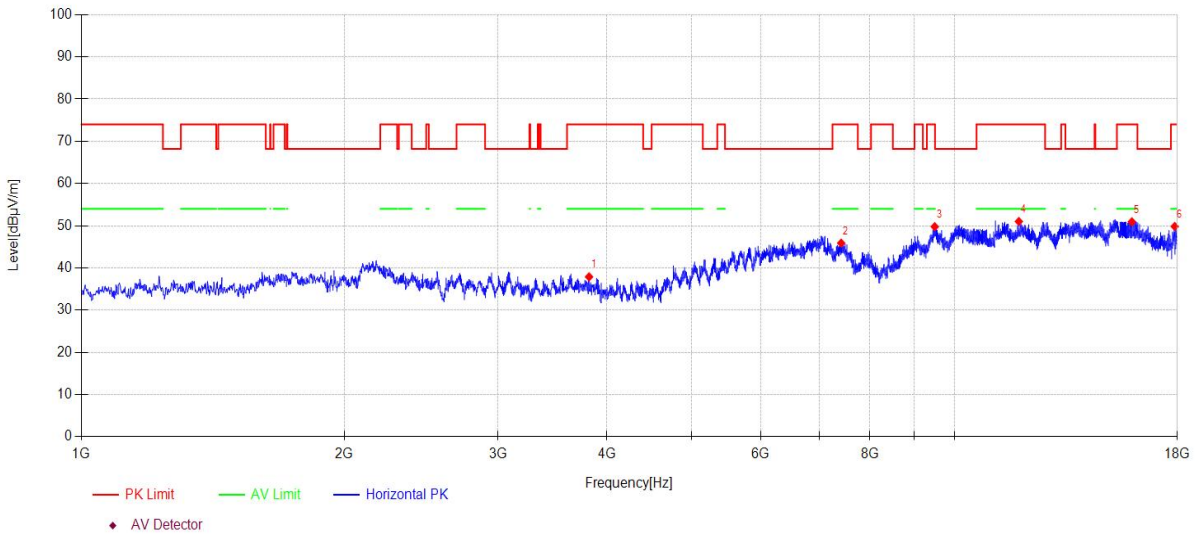
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5320MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\11
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3815.20	41.52	30.76	5.95	-40.34	37.89	74.00	36.11	PK	Horizontal
2	7417.50	42.05	36.67	8.89	-41.74	45.87	74.00	28.13	PK	Horizontal
3	9493.20	40.60	38.70	9.23	-38.76	49.77	74.00	24.23	PK	Horizontal
4	11851.10	41.40	38.90	10.20	-39.49	51.01	74.00	22.99	PK	Horizontal
5	15966.80	36.34	38.03	15.90	-39.34	50.93	74.00	23.07	PK	Horizontal
6	17877.60	37.58	41.65	12.73	-42.13	49.83	74.00	24.17	PK	Horizontal

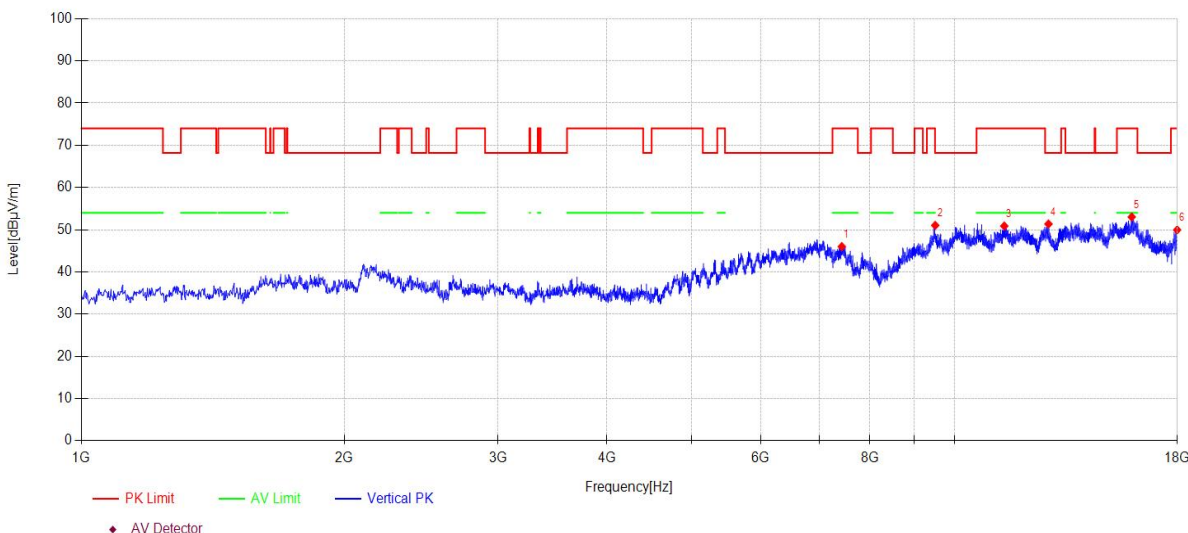
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5320MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\12
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	7429.40	42.24	36.64	8.89	-41.77	46.00	74.00	28.00	PK	Vertical
2	9505.10	41.87	38.69	9.23	-38.75	51.04	68.20	17.16	PK	Vertical
3	11404.00	41.02	39.30	9.84	-39.28	50.88	74.00	23.12	PK	Vertical
4	12815.00	41.04	39.82	10.37	-39.88	51.35	68.20	16.85	PK	Vertical
5	15960.00	38.45	38.04	15.87	-39.34	53.02	74.00	20.98	PK	Vertical
6	17989.80	37.14	42.35	12.84	-42.38	49.95	74.00	24.05	PK	Vertical

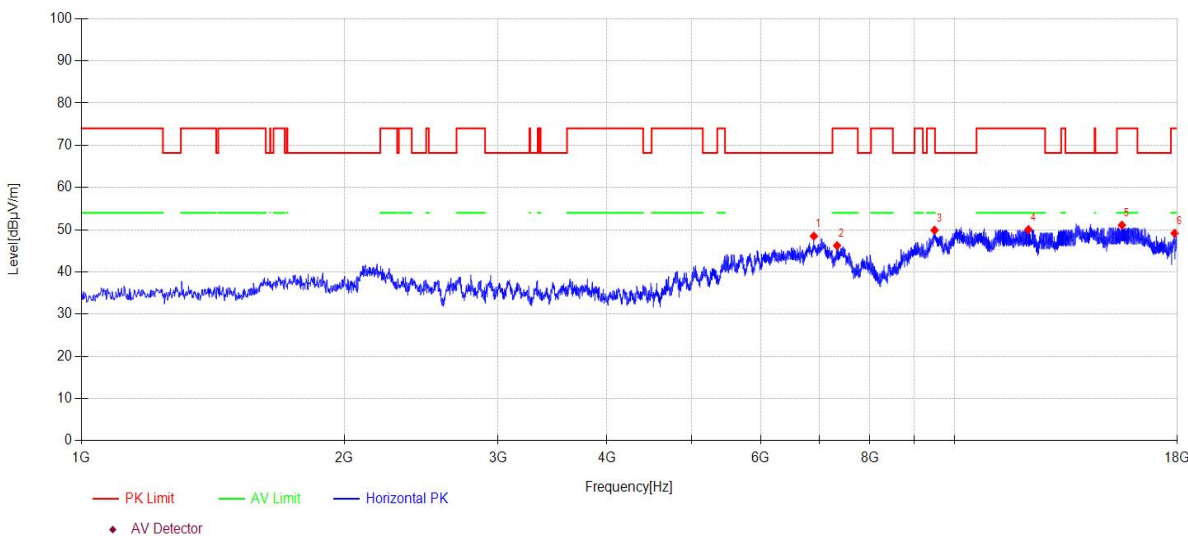
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5500MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\13
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	6902.40	44.00	36.10	9.00	-40.63	48.47	68.20	19.73	PK	Horizontal
2	7337.60	42.04	36.82	8.91	-41.54	46.23	74.00	27.77	PK	Horizontal
3	9489.80	40.71	38.70	9.23	-38.76	49.88	74.00	24.12	PK	Horizontal
4	12153.70	40.01	39.30	10.33	-39.62	50.02	74.00	23.98	PK	Horizontal
5	15552.00	37.67	38.70	13.81	-39.09	51.09	74.00	22.91	PK	Horizontal
6	17875.90	36.93	41.63	12.73	-42.12	49.17	74.00	24.83	PK	Horizontal

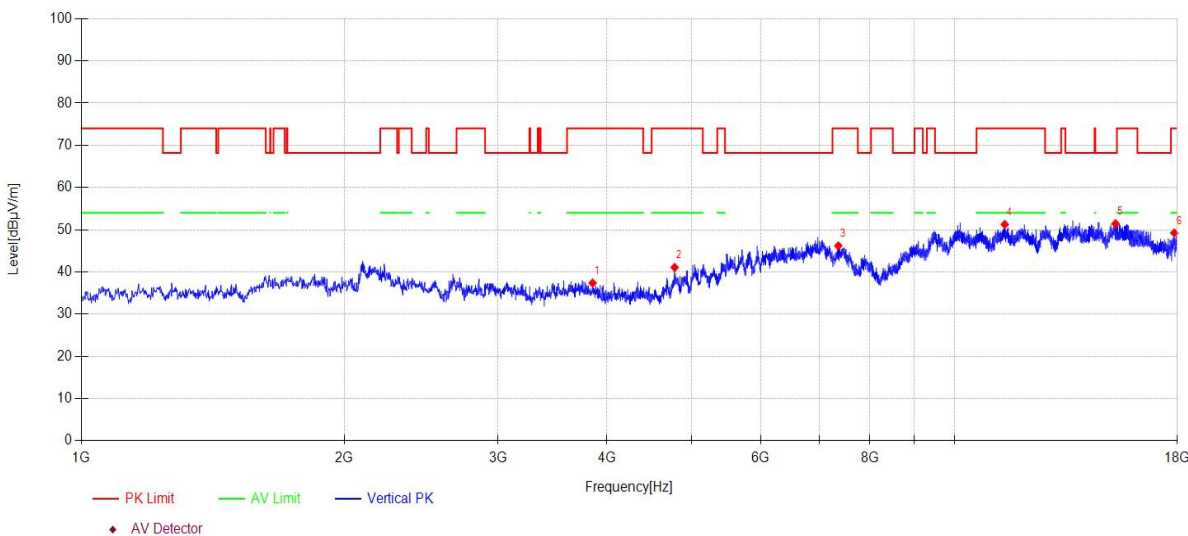
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5500MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\14
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3850.90	40.86	30.91	5.97	-40.36	37.38	74.00	36.62	PK	Vertical
2	4780.80	41.22	32.42	7.59	-40.16	41.07	74.00	32.93	PK	Vertical
3	7361.40	42.10	36.78	8.90	-41.60	46.18	74.00	27.82	PK	Vertical
4	11419.30	41.39	39.28	9.86	-39.29	51.24	74.00	22.76	PK	Vertical
5	15291.90	38.15	39.73	12.50	-38.94	51.44	68.20	16.76	PK	Vertical
6	17857.20	37.18	41.43	12.71	-42.08	49.24	74.00	24.76	PK	Vertical

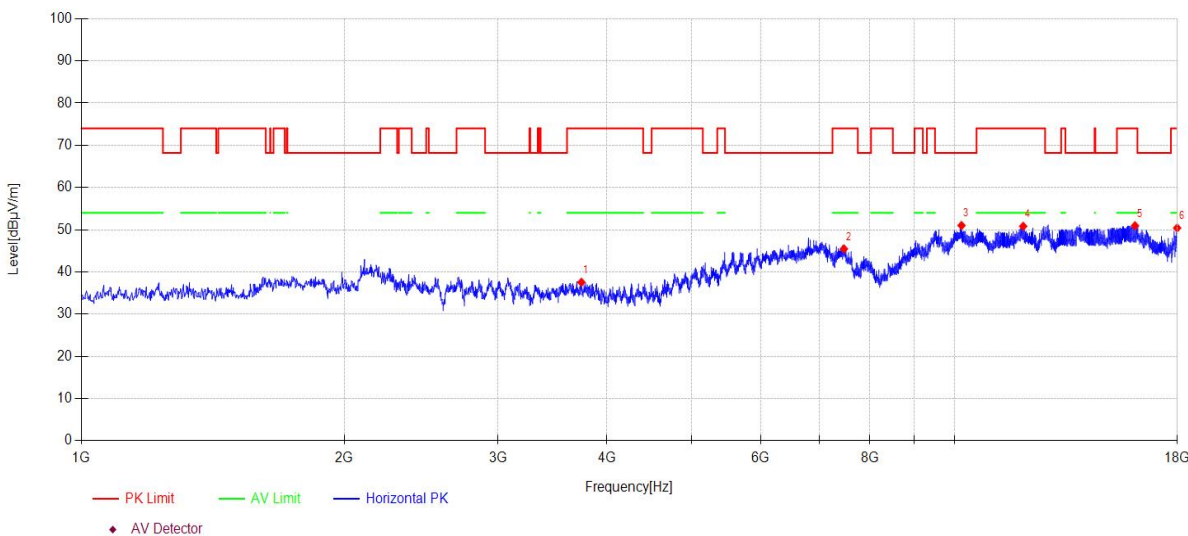
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5580MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\15
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3738.70	41.47	30.48	5.89	-40.29	37.55	74.00	36.45	PK	Horizontal
2	7471.90	41.91	36.56	8.88	-41.88	45.47	74.00	28.53	PK	Horizontal
3	10188.50	41.57	38.79	9.44	-38.79	51.01	68.20	17.19	PK	Horizontal
4	11987.10	40.90	39.16	10.31	-39.55	50.82	74.00	23.18	PK	Horizontal
5	16099.40	36.84	37.90	15.65	-39.44	50.95	74.00	23.05	PK	Horizontal
6	17991.50	37.60	42.36	12.84	-42.38	50.42	74.00	23.58	PK	Horizontal

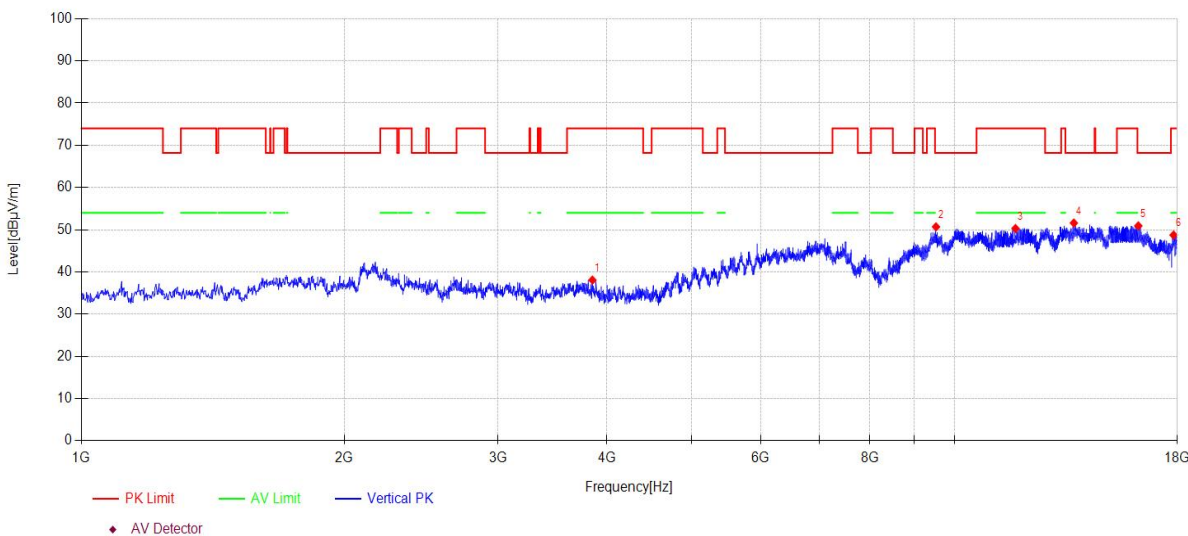
Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5580MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\16
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3849.20	41.56	30.90	5.97	-40.36	38.07	74.00	35.93	PK	Vertical
2	9525.50	41.54	38.65	9.24	-38.75	50.68	68.20	17.52	PK	Vertical
3	11745.70	40.66	38.95	10.12	-39.44	50.29	74.00	23.71	PK	Vertical
4	13700.70	40.28	40.40	10.65	-39.73	51.60	68.20	16.60	PK	Vertical
5	16238.80	37.59	37.80	15.07	-39.55	50.91	68.20	17.29	PK	Vertical
6	17823.20	37.01	41.06	12.68	-42.01	48.74	74.00	25.26	PK	Vertical

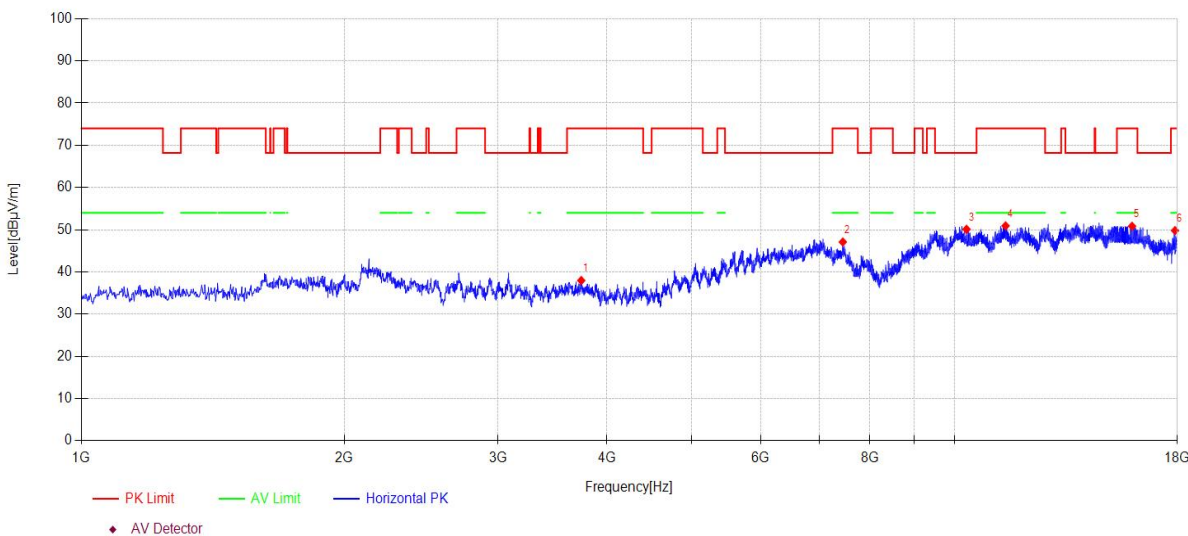
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5700MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\17
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3737.00	41.90	30.47	5.89	-40.29	37.97	74.00	36.03	PK	Horizontal
2	7449.80	43.43	36.60	8.89	-41.82	47.10	74.00	26.90	PK	Horizontal
3	10324.50	40.60	38.90	9.45	-38.84	50.11	68.20	18.09	PK	Horizontal
4	11443.10	41.09	39.26	9.87	-39.30	50.92	74.00	23.08	PK	Horizontal
5	15975.30	36.21	38.02	15.95	-39.35	50.83	74.00	23.17	PK	Horizontal
6	17891.20	37.43	41.80	12.74	-42.16	49.81	74.00	24.19	PK	Horizontal

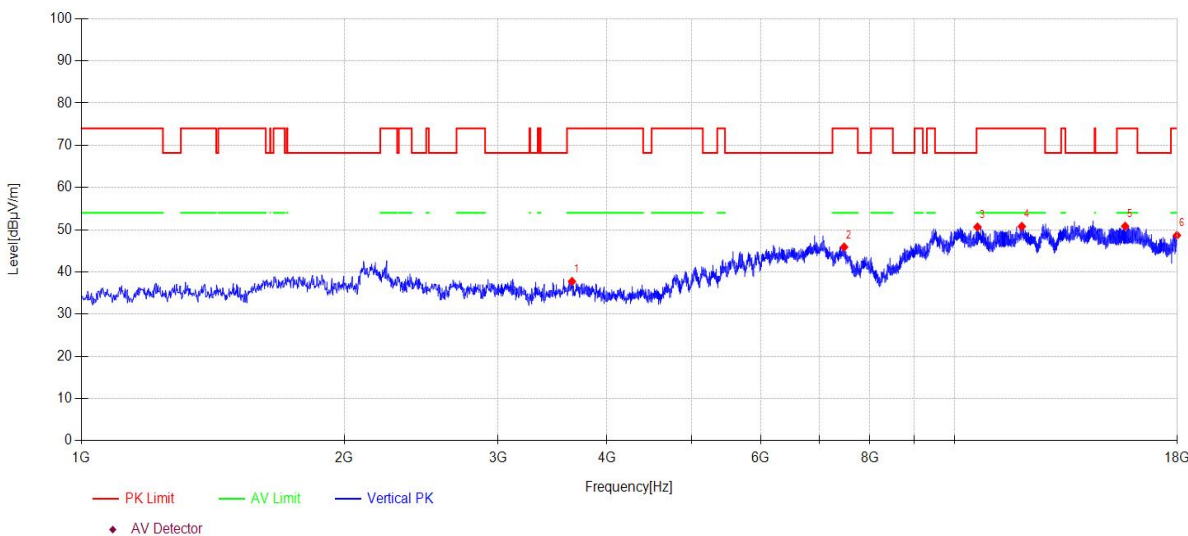
Note:

- Level = Reading + Cable loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5700MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\18
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3646.90	41.96	30.19	5.82	-40.23	37.74	74.00	36.26	PK	Vertical
2	7475.30	42.35	36.55	8.88	-41.89	45.89	74.00	28.11	PK	Vertical
3	10625.40	40.86	39.25	9.48	-38.95	50.64	74.00	23.36	PK	Vertical
4	11944.60	41.01	39.03	10.28	-39.53	50.79	74.00	23.21	PK	Vertical
5	15684.60	37.00	38.52	14.48	-39.17	50.83	74.00	23.17	PK	Vertical
6	17983.00	35.90	42.32	12.83	-42.36	48.69	74.00	25.31	PK	Vertical

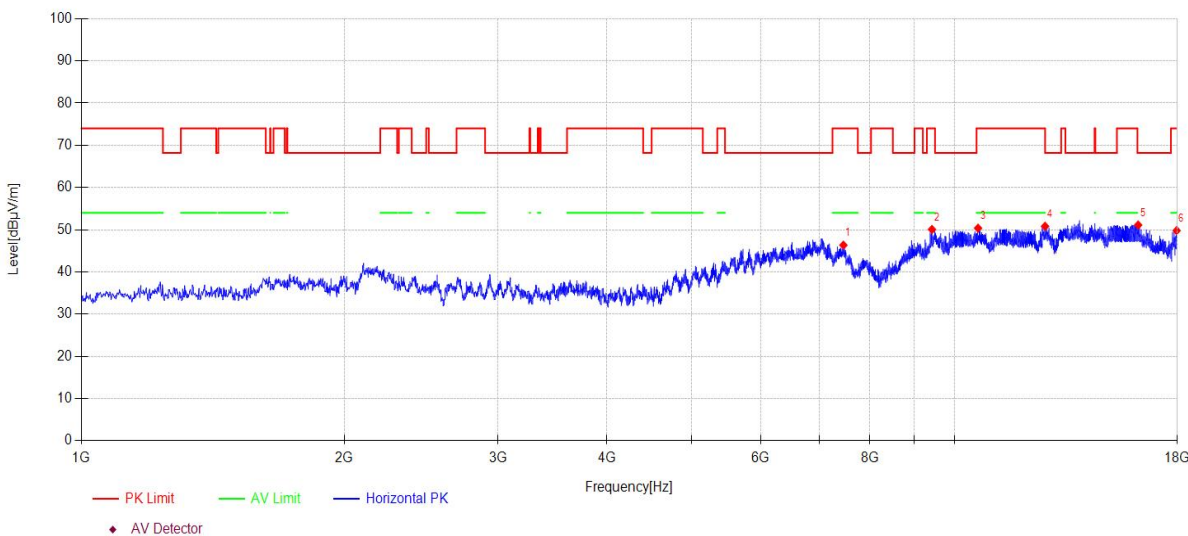
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5720MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\19
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	7461.70	42.72	36.58	8.89	-41.85	46.34	74.00	27.66	PK	Horizontal
2	9423.50	40.92	38.70	9.20	-38.76	50.06	74.00	23.94	PK	Horizontal
3	10642.40	40.57	39.28	9.48	-38.96	50.37	74.00	23.63	PK	Horizontal
4	12699.40	40.68	39.60	10.36	-39.83	50.81	74.00	23.19	PK	Horizontal
5	16233.70	37.78	37.80	15.09	-39.55	51.12	68.20	17.08	PK	Horizontal
6	17966.00	37.06	42.23	12.82	-42.32	49.79	74.00	24.21	PK	Horizontal

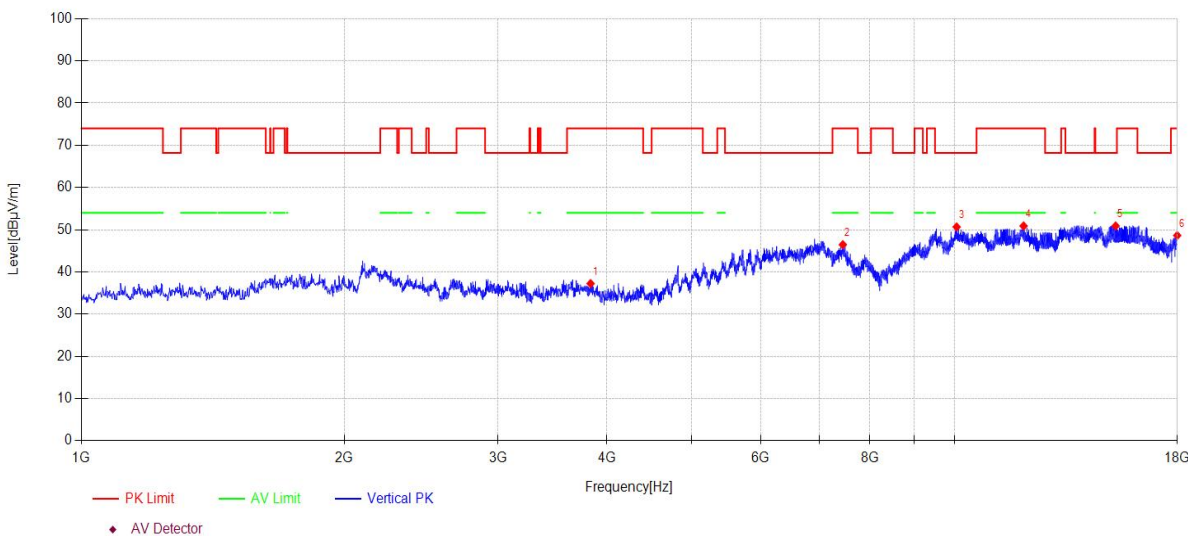
Note:

1. Level = Reading + Cable loss + Antenna Factor + AMP
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.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2024-01-24 **Tested By:** Bairong
EUT: Mercku M6s Nano Mesh Wi-Fi Router **Model Number:** MBAA0
Test Mode: 11AX20MIMO TX 5720MHz **Power Supply:** AC 120V/60Hz
Condition: Temp:25.6°C;Humi:56.5% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23111605-2E MBAA0\FCC ABOVE 1G 5GWIFI\20
Memo: Sample Number:S23111605-03 Power Setting:NA

Test Graph



Data List										
NO	Freq. [MHz]	Reading [dBµV/m]	Antenna Factor [dB]	Cable loss [dB]	AMP [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity
1	3830.50	40.82	30.82	5.96	-40.35	37.25	74.00	36.75	PK	Vertical
2	7449.80	42.78	36.60	8.89	-41.82	46.45	74.00	27.55	PK	Vertical
3	10057.60	41.31	38.66	9.43	-38.74	50.66	68.20	17.54	PK	Vertical
4	12000.70	40.93	39.20	10.32	-39.56	50.89	74.00	23.11	PK	Vertical
5	15295.30	37.56	39.76	12.52	-38.94	50.90	68.20	17.30	PK	Vertical
6	17994.90	35.81	42.37	12.85	-42.39	48.64	74.00	25.36	PK	Vertical

Note:

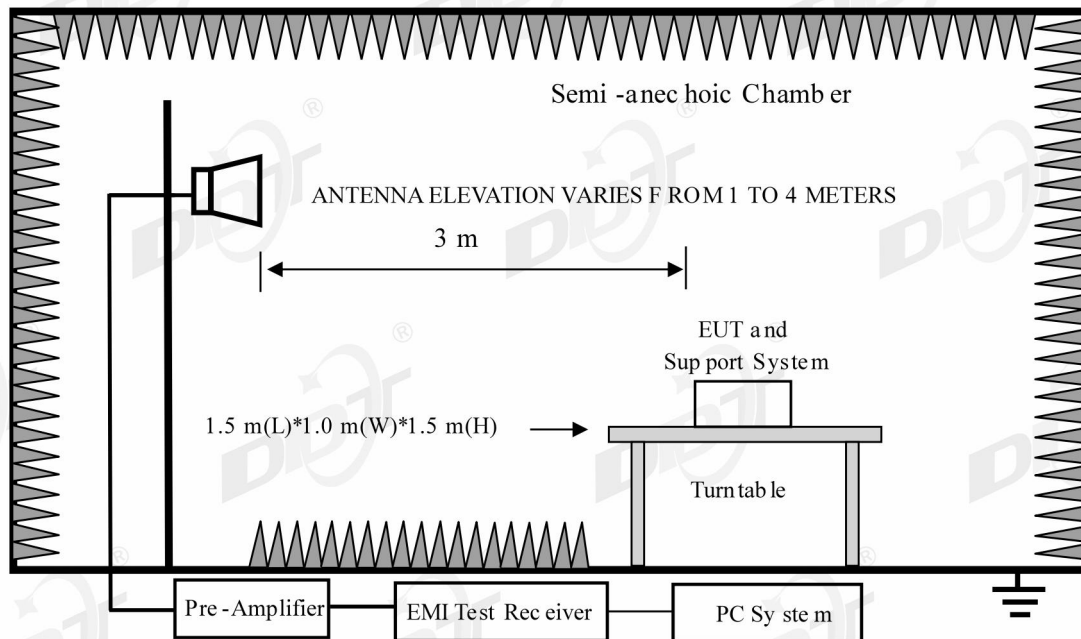
1. Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

12. Band Edge Compliance

12.1. Test equipment

Equipment	Manufacturer	Model No.	Serial No.	Cal Due To
RF cable	Yuhu Technology	JCTB810-NJ-NJ-9M	DDT-ZC02538	2024/04/23
High Pass filter	XIANXINGBO	XBLBQ-GTA67	DDT-ZC02179	2024/05/14
Hochgewinn-Hornantenne	Schwarzbeck Mess-Elektronik	BBHA 9120 D	DDT-ZC02129	2024/09/17
Pre-amplifier	COM-POWER	PAM-840A	DDT-ZC01693	2024/04/27
PSA Series Spectrum Analyzer	Agilent	E4447A	DDT-ZC00517	2024/04/23
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	DDT-ZC02050	2024/07/11
High pass filter	Micro-Tronics	HPM50108	DDT-ZC00560	2024/05/14
EMI TEST RECEIVER	R&S	ESU26	DDT-ZC01909	2024/04/23
Active Loop Antenna	Schwarzbeck	FMZB1519	DDT-ZC00524	2024/09/10
RF Cable	N/A	W13.02 AP1-X2	DDT-ZC04023	2024/04/21
RF cable	Yuhu Technology	ZT26S-SMAJ-SMAJ-1M	DDT-ZC02037	2024/04/23
RF cable	Zhongke Junchuang	JCT26S-NJ-NJ-1.5M	DDT-ZC02762	2024/04/20
High pass filter	Micro-Tronics	HPM50102	DDT-ZC00561	2024/05/14
Micro-Tronics filters	REBES	BRM50716	DDT-ZC03240	/
Pre-amplifier	COM-POWER	PAM-118A	DDT-ZC01293	2024/07/14
Micro-Tronics filters	REBES	BRM50702	DDT-ZC03242	/
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	DDT-ZC00506	2024/04/26
RF Cable	N/A	W24.02 HL-562	DDT-ZC04022	2024/04/21

12.2. Block diagram of test setup



12.3. Limits

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating solely in the 5.725-5.850 GHz band:
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

12.4. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	other
/	/	/	/	/

12.5. Test procedure

Same with Emissions in Restricted Frequency Bands except change investigated frequency range from 5.15-5.25 GHz, 5250-5350 GHz, 5470-5725 GHz, 5.725-5.85 GHz.

Remark: All restriction band have been tested, and only the worst case is shown in report.

12.6. Test result

PASS. (See below detailed test result)