

	Ant1	6545	NV	0	-80000.00	-12.223071	20	PASS
			NV	10	-80000.00	-12.223071	20	PASS
			NV	20	-80000.00	-12.223071	20	PASS
			NV	30	-80000.00	-12.223071	20	PASS
			NV	40	-80000.00	-12.223071	20	PASS
	Ant2	6545	NV	0	-80000.00	-12.223071	20	PASS
			NV	40	-80000.00	-12.223071	20	PASS
			NV	30	-80000.00	-12.223071	20	PASS
			NV	20	-80000.00	-12.223071	20	PASS
			NV	10	-80000.00	-12.223071	20	PASS
	Ant3	6545	NV	0	-80000.00	-12.223071	20	PASS
			NV	10	-80000.00	-12.223071	20	PASS
			NV	20	-80000.00	-12.223071	20	PASS
			NV	30	-80000.00	-12.223071	20	PASS
			NV	40	-80000.00	-12.223071	20	PASS
	Ant4	6545	NV	40	-80000.00	-12.223071	20	PASS
			NV	0	-80000.00	-12.223071	20	PASS
			NV	10	-80000.00	-12.223071	20	PASS
			NV	20	-80000.00	-12.223071	20	PASS
			NV	30	-80000.00	-12.223071	20	PASS
	Ant1	6625	NV	40	-80000.00	-12.075472	20	PASS
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			NV	20	-80000.00	-12.075472	20	PASS
			NV	0	-80000.00	-12.075472	20	PASS
			NV	10	-80000.00	-12.075472	20	PASS
	Ant2	6625	NV	40	-80000.00	-12.075472	20	PASS
			NV	0	-80000.00	-12.075472	20	PASS
			NV	10	-80000.00	-12.075472	20	PASS
			NV	20	-80000.00	-12.075472	20	PASS
			NV	30	-80000.00	-12.075472	20	PASS
	Ant3	6625	NV	40	-80000.00	-12.075472	20	PASS
			NV	30	-80000.00	-12.075472	20	PASS
			NV	0	-80000.00	-12.075472	20	PASS
			NV	10	-80000.00	-12.075472	20	PASS
			NV	20	-80000.00	-12.075472	20	PASS
	Ant4	6625	NV	0	-80000.00	-12.075472	20	PASS
			NV	10	-80000.00	-12.075472	20	PASS
			NV	20	-80000.00	-12.075472	20	PASS
			NV	30	-80000.00	-12.075472	20	PASS
			NV	40	-80000.00	-12.075472	20	PASS
	Ant1	6705	NV	10	-80000.00	-11.931394	20	PASS
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			NV	20	-80000.00	-11.931394	20	PASS
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			NV	30	-80000.00	-11.931394	20	PASS
	Ant2	6705	NV	0	-80000.00	-11.931394	20	PASS
			NV	10	-80000.00	-11.931394	20	PASS
			NV	20	-80000.00	-11.931394	20	PASS
			NV	30	-80000.00	-11.931394	20	PASS
			NV	40	-80000.00	-11.931394	20	PASS
	Ant3	6705	NV	10	-80000.00	-11.931394	20	PASS
			NV	40	-80000.00	-11.931394	20	PASS
			NV	0	-80000.00	-11.931394	20	PASS
			NV	30	-80000.00	-11.931394	20	PASS
			NV	20	-80000.00	-11.931394	20	PASS
	Ant4	6705	NV	0	-80000.00	-11.931394	20	PASS
			NV	10	-80000.00	-11.931394	20	PASS
			NV	20	-80000.00	-11.931394	20	PASS
			NV	30	-80000.00	-11.931394	20	PASS
			NV	40	-80000.00	-11.931394	20	PASS
	Ant1	6785	NV	10	-80000.00	-11.790715	20	PASS
			NV	40	-80000.00	-11.790715	20	PASS
			NV	20	-80000.00	-11.790715	20	PASS
			NV	0	-80000.00	-11.790715	20	PASS

			NV	30	-80000.00	-11.790715	20	PASS
			NV	0	-80000.00	-11.790715	20	PASS
			NV	10	-80000.00	-11.790715	20	PASS
	Ant2	6785	NV	20	-80000.00	-11.790715	20	PASS
			NV	30	-80000.00	-11.790715	20	PASS
			NV	40	-80000.00	-11.790715	20	PASS
			NV	30	-80000.00	-11.790715	20	PASS
			NV	40	-80000.00	-11.790715	20	PASS
	Ant3	6785	NV	10	-80000.00	-11.790715	20	PASS
			NV	0	-80000.00	-11.790715	20	PASS
			NV	20	-80000.00	-11.790715	20	PASS
			NV	0	-80000.00	-11.790715	20	PASS
			NV	10	-80000.00	-11.790715	20	PASS
	Ant4	6785	NV	20	-80000.00	-11.790715	20	PASS
			NV	30	-80000.00	-11.790715	20	PASS
			NV	40	-80000.00	-11.790715	20	PASS
			NV	30	-80000.00	-11.653314	20	PASS
			NV	40	-80000.00	-11.653314	20	PASS
			NV	20	-80000.00	-11.653314	20	PASS
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			NV	0	-80000.00	-11.653314	20	PASS
	Ant1	6865	NV	10	-80000.00	-11.653314	20	PASS
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			NV	40	-80000.00	-11.653314	20	PASS
			NV	0	-80000.00	-11.653314	20	PASS
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			NV	30	-80000.00	-11.519078	20	PASS
			NV	40	-80000.00	-11.519078	20	PASS
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			NV	20	-80000.00	-11.387900	20	PASS
			NV	30	-80000.00	-11.387900	20	PASS
			NV	40	-80000.00	-11.387900	20	PASS
			NV	10	-80000.00	-11.387900	20	PASS
			NV	40	-80000.00	-11.387900	20	PASS
			NV	20	-80000.00	-11.387900	20	PASS

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			NV	30	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
Ant4	6345		NV	20	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
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			NV	0	0.00	0.000000	20	PASS
Ant1	6505		NV	40	0.00	0.000000	20	PASS
			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
Ant2	6505		NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
Ant3	6505		NV	10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
Ant4	6505		NV	40	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
Ant1	6665		NV	40	0.00	0.000000	20	PASS
			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
Ant2	6665		NV	40	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
Ant3	6665		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	0	0.00	0.000000	20	PASS
Ant4	6665		NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
Ant1	6825		NV	40	0.00	0.000000	20	PASS
			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
Ant2	6825		NV	0	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
Ant3	6825		NV	0	0.00	0.000000	20	PASS
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			NV	30	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
Ant4	6825		NV	40	0.00	0.000000	20	PASS

11BE20MIMO			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
	Ant1	6985	NV	40	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant2	6985	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	40	0.00	0.000000	20	PASS
	Ant3	6985	NV	0	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant4	6985	NV	10	0.00	0.000000	20	PASS
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			NV	40	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
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			NV	40	-20000.00	-3.358522	20	PASS
			NV	20	-20000.00	-3.358522	20	PASS
	Ant1	5955	NV	10	-20000.00	-3.358522	20	PASS
			NV	0	-20000.00	-3.358522	20	PASS
			NV	-10	-20000.00	-3.358522	20	PASS
			NV	-20	-20000.00	-3.358522	20	PASS
			NV	-30	-20000.00	-3.358522	20	PASS
			NV	50	-20000.00	-3.358522	20	PASS
	Ant2	5955	NV	20	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			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	10	0.00	0.000000	20	PASS
	Ant3	5955	NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
	Ant4	5955	NV	0	-20000.00	-3.358522	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-20000.00	-3.358522	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	6175	NV	-10	-20000.00	-3.358522	20	PASS
			NV	40	-20000.00	-3.358522	20	PASS
			NV	30	-20000.00	-3.358522	20	PASS
			NV	20	-20000.00	-3.358522	20	PASS
			NV	0	-20000.00	-3.358522	20	PASS
			NV	50	-20000.00	-3.358522	20	PASS
			NV	-20	-20000.00	-3.358522	20	PASS
			NV	-30	-20000.00	-3.358522	20	PASS
			NV	10	-20000.00	-3.358522	20	PASS
			NV	50	-40000.00	-6.477733	20	PASS
			NV	-20	-40000.00	-6.477733	20	PASS
			NV	-10	-20000.00	-3.238866	20	PASS
			NV	0	-40000.00	-6.477733	20	PASS

			NV	10	-40000.00	-6.477733	20	PASS
			NV	20	-40000.00	-6.477733	20	PASS
			NV	30	-40000.00	-6.477733	20	PASS
			NV	40	-40000.00	-6.477733	20	PASS
			NV	-30	-40000.00	-6.477733	20	PASS
	Ant2	6175	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
	Ant3	6175	NV	-20	-20000.00	-3.238866	20	PASS
			NV	50	-40000.00	-6.477733	20	PASS
			NV	40	-20000.00	-3.238866	20	PASS
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			NV	10	-20000.00	-3.238866	20	PASS
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			NV	-30	-20000.00	-3.238866	20	PASS
			NV	0	-20000.00	-3.238866	20	PASS
	Ant4	6175	NV	10	-20000.00	-3.238866	20	PASS
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			NV	50	-20000.00	-3.238866	20	PASS
			NV	20	-20000.00	-3.238866	20	PASS
			NV	-10	-20000.00	-3.238866	20	PASS
			NV	-30	-20000.00	-3.238866	20	PASS
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	Ant1	6415	NV	0	-20000.00	-3.117693	20	PASS
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			NV	-20	-20000.00	-3.117693	20	PASS
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			NV	0	-40000.00	-6.235386	20	PASS
	Ant3	6415	NV	-10	-20000.00	-3.117693	20	PASS
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			NV	20	-20000.00	-3.117693	20	PASS
			NV	0	-20000.00	-3.117693	20	PASS
			NV	-10	-20000.00	-3.117693	20	PASS
			NV	-20	-20000.00	-3.117693	20	PASS
	Ant4	6415	NV	30	-20000.00	-3.117693	20	PASS
			NV	40	-20000.00	-3.117693	20	PASS
			NV	50	-20000.00	-3.117693	20	PASS
			NV	20	-20000.00	-3.117693	20	PASS
			NV	0	-20000.00	-3.117693	20	PASS

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			NV	30	-20000.00	-3.117693	20	PASS
Ant1	6435		NV	0	-20000.00	-3.108003	20	PASS
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			NV	0	-20000.00	-3.108003	20	PASS
			NV	40	-20000.00	-3.108003	20	PASS
			NV	30	-20000.00	-3.108003	20	PASS
Ant2	6435		NV	50	-20000.00	-3.108003	20	PASS
			NV	-10	-20000.00	-3.108003	20	PASS
			NV	-20	-20000.00	-3.108003	20	PASS
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			NV	10	-20000.00	-3.108003	20	PASS
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Ant3	6435		NV	0	-20000.00	-3.108003	20	PASS
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			NV	30	-20000.00	-3.108003	20	PASS
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			NV	-20	-20000.00	-3.108003	20	PASS
			NV	-30	-20000.00	-3.108003	20	PASS
			NV	20	-20000.00	-3.108003	20	PASS
Ant4	6435		NV	0	-20000.00	-3.108003	20	PASS
			NV	50	-20000.00	-3.108003	20	PASS
			NV	40	-20000.00	-3.108003	20	PASS
			NV	-30	-20000.00	-3.108003	20	PASS
			NV	30	-20000.00	-3.108003	20	PASS
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			NV	20	-20000.00	-3.108003	20	PASS
			NV	10	-20000.00	-3.108003	20	PASS
Ant1	6475		NV	10	-20000.00	-3.088803	20	PASS
			NV	50	-20000.00	-3.088803	20	PASS
			NV	40	-20000.00	-3.088803	20	PASS
			NV	20	-20000.00	-3.088803	20	PASS
			NV	0	-20000.00	-3.088803	20	PASS
			NV	-10	-20000.00	-3.088803	20	PASS
			NV	-20	-20000.00	-3.088803	20	PASS
			NV	-30	-20000.00	-3.088803	20	PASS
			NV	30	-20000.00	-3.088803	20	PASS
Ant2	6475		NV	30	-20000.00	-3.088803	20	PASS
			NV	20	-20000.00	-3.088803	20	PASS
			NV	40	-20000.00	-3.088803	20	PASS
			NV	0	-20000.00	-3.088803	20	PASS
			NV	-30	-20000.00	-3.088803	20	PASS
			NV	-10	-20000.00	-3.088803	20	PASS
			NV	-20	-20000.00	-3.088803	20	PASS
			NV	50	-20000.00	-3.088803	20	PASS
			NV	10	-20000.00	-3.088803	20	PASS
Ant3	6475		NV	0	-20000.00	-3.088803	20	PASS
			NV	40	-20000.00	-3.088803	20	PASS
			NV	30	-20000.00	-3.088803	20	PASS
			NV	10	-20000.00	-3.088803	20	PASS
			NV	50	-20000.00	-3.088803	20	PASS
			NV	-10	-20000.00	-3.088803	20	PASS

			NV	-20	-20000.00	-3.088803	20	PASS
			NV	-30	-20000.00	-3.088803	20	PASS
			NV	20	-20000.00	-3.088803	20	PASS
			NV	20	-20000.00	-3.088803	20	PASS
Ant4	6475		NV	40	-20000.00	-3.088803	20	PASS
			NV	30	-20000.00	-3.088803	20	PASS
			NV	10	-20000.00	-3.088803	20	PASS
			NV	0	-20000.00	-3.088803	20	PASS
			NV	-10	-20000.00	-3.088803	20	PASS
			NV	-30	-20000.00	-3.088803	20	PASS
			NV	50	-20000.00	-3.088803	20	PASS
			NV	-20	-20000.00	-3.088803	20	PASS
Ant1	6515		NV	20	-20000.00	-3.069839	20	PASS
			NV	50	-20000.00	-3.069839	20	PASS
			NV	40	-20000.00	-3.069839	20	PASS
			NV	30	-20000.00	-3.069839	20	PASS
			NV	0	-20000.00	-3.069839	20	PASS
			NV	-10	-20000.00	-3.069839	20	PASS
			NV	-30	-20000.00	-3.069839	20	PASS
			NV	-20	-20000.00	-3.069839	20	PASS
			NV	10	-20000.00	-3.069839	20	PASS
Ant2	6515		NV	10	-40000.00	-6.139678	20	PASS
			NV	50	-40000.00	-6.139678	20	PASS
			NV	40	-40000.00	-6.139678	20	PASS
			NV	20	-40000.00	-6.139678	20	PASS
			NV	0	-40000.00	-6.139678	20	PASS
			NV	-10	-20000.00	-3.069839	20	PASS
			NV	-20	-20000.00	-3.069839	20	PASS
			NV	-30	-20000.00	-3.069839	20	PASS
			NV	30	-20000.00	-3.069839	20	PASS
Ant3	6515		NV	50	-20000.00	-3.069839	20	PASS
			NV	20	-20000.00	-3.069839	20	PASS
			NV	40	-20000.00	-3.069839	20	PASS
			NV	30	-20000.00	-3.069839	20	PASS
			NV	0	-20000.00	-3.069839	20	PASS
			NV	-10	-20000.00	-3.069839	20	PASS
			NV	-30	-20000.00	-3.069839	20	PASS
			NV	-20	-20000.00	-3.069839	20	PASS
			NV	10	-20000.00	-3.069839	20	PASS
Ant4	6515		NV	10	-20000.00	-3.069839	20	PASS
			NV	50	-20000.00	-3.069839	20	PASS
			NV	40	-20000.00	-3.069839	20	PASS
			NV	20	-20000.00	-3.069839	20	PASS
			NV	0	-20000.00	-3.069839	20	PASS
			NV	-10	-20000.00	-3.069839	20	PASS
			NV	-20	-20000.00	-3.069839	20	PASS
			NV	-30	-20000.00	-3.069839	20	PASS
			NV	30	-20000.00	-3.069839	20	PASS
Ant1	6535		NV	10	-20000.00	-3.060444	20	PASS
			NV	50	-20000.00	-3.060444	20	PASS
			NV	40	-20000.00	-3.060444	20	PASS
			NV	20	-20000.00	-3.060444	20	PASS
			NV	-10	-20000.00	-3.060444	20	PASS
			NV	-20	-20000.00	-3.060444	20	PASS
			NV	-30	-20000.00	-3.060444	20	PASS
			NV	30	-20000.00	-3.060444	20	PASS
			NV	0	-20000.00	-3.060444	20	PASS
Ant2	6535		NV	10	-40000.00	-6.120888	20	PASS
			NV	50	-40000.00	-6.120888	20	PASS
			NV	40	-40000.00	-6.120888	20	PASS
			NV	20	-40000.00	-6.120888	20	PASS
			NV	0	-40000.00	-6.120888	20	PASS
			NV	-10	-40000.00	-6.120888	20	PASS
			NV	-20	-40000.00	-6.120888	20	PASS

			NV	-30	-40000.00	-6.120888	20	PASS
			NV	30	-40000.00	-6.120888	20	PASS
	Ant3	6535	NV	50	-20000.00	-3.060444	20	PASS
			NV	40	-20000.00	-3.060444	20	PASS
			NV	30	-20000.00	-3.060444	20	PASS
			NV	0	-20000.00	-3.060444	20	PASS
			NV	-10	-20000.00	-3.060444	20	PASS
			NV	-20	-20000.00	-3.060444	20	PASS
			NV	-30	-20000.00	-3.060444	20	PASS
			NV	20	-20000.00	-3.060444	20	PASS
			NV	10	-20000.00	-3.060444	20	PASS
			NV	0	-20000.00	-3.060444	20	PASS
	Ant4	6535	NV	40	-20000.00	-3.060444	20	PASS
			NV	30	-20000.00	-3.060444	20	PASS
			NV	10	-20000.00	-3.060444	20	PASS
			NV	50	-20000.00	-3.060444	20	PASS
			NV	-10	-20000.00	-3.060444	20	PASS
			NV	-20	-20000.00	-3.060444	20	PASS
			NV	-30	-20000.00	-3.060444	20	PASS
			NV	20	-20000.00	-3.060444	20	PASS
			NV	20	-20000.00	-2.987304	20	PASS
			NV	40	-20000.00	-2.987304	20	PASS
	Ant1	6695	NV	30	-20000.00	-2.987304	20	PASS
			NV	10	-20000.00	-2.987304	20	PASS
			NV	0	-40000.00	-5.974608	20	PASS
			NV	-10	-20000.00	-2.987304	20	PASS
			NV	-30	-20000.00	-2.987304	20	PASS
			NV	50	-20000.00	-2.987304	20	PASS
			NV	-20	-20000.00	-2.987304	20	PASS
			NV	20	-40000.00	-5.974608	20	PASS
	Ant2	6695	NV	50	-40000.00	-5.974608	20	PASS
			NV	40	-40000.00	-5.974608	20	PASS
			NV	30	-40000.00	-5.974608	20	PASS
			NV	0	-40000.00	-5.974608	20	PASS
			NV	-10	-40000.00	-5.974608	20	PASS
			NV	-30	-40000.00	-5.974608	20	PASS
			NV	-20	-40000.00	-5.974608	20	PASS
			NV	10	-40000.00	-5.974608	20	PASS
	Ant3	6695	NV	10	-20000.00	-2.987304	20	PASS
			NV	50	-40000.00	-5.974608	20	PASS
			NV	40	-40000.00	-5.974608	20	PASS
			NV	20	-20000.00	-2.987304	20	PASS
			NV	0	-20000.00	-2.987304	20	PASS
			NV	-10	-20000.00	-2.987304	20	PASS
			NV	-20	-20000.00	-2.987304	20	PASS
			NV	-30	-20000.00	-2.987304	20	PASS
	Ant4	6695	NV	30	-20000.00	-2.987304	20	PASS
			NV	50	-20000.00	-2.987304	20	PASS
			NV	20	-20000.00	-2.987304	20	PASS
			NV	40	-20000.00	-2.987304	20	PASS
			NV	30	-20000.00	-2.987304	20	PASS
			NV	0	-20000.00	-2.987304	20	PASS
			NV	-10	-20000.00	-2.987304	20	PASS
			NV	-30	-20000.00	-2.987304	20	PASS
	Ant1	6855	NV	-20	-20000.00	-2.987304	20	PASS
			NV	10	-20000.00	-2.987304	20	PASS
			NV	10	-20000.00	-2.917578	20	PASS
			NV	50	-20000.00	-2.917578	20	PASS
			NV	40	-20000.00	-2.917578	20	PASS
			NV	20	-20000.00	-2.917578	20	PASS
			NV	0	-20000.00	-2.917578	20	PASS
			NV	-10	-20000.00	-2.917578	20	PASS
			NV	-20	-20000.00	-2.917578	20	PASS
			NV	-30	-20000.00	-2.917578	20	PASS

	Ant2	6855	NV	30	-20000.00	-2.917578	20	PASS
			NV	10	-20000.00	-2.917578	20	PASS
			NV	50	-20000.00	-2.917578	20	PASS
			NV	40	-20000.00	-2.917578	20	PASS
			NV	20	-20000.00	-2.917578	20	PASS
			NV	-10	-20000.00	-2.917578	20	PASS
			NV	-20	-20000.00	-2.917578	20	PASS
			NV	-30	-20000.00	-2.917578	20	PASS
			NV	30	-20000.00	-2.917578	20	PASS
	Ant3	6855	NV	0	-20000.00	-2.917578	20	PASS
			NV	10	-20000.00	-2.917578	20	PASS
			NV	50	-20000.00	-2.917578	20	PASS
			NV	40	-20000.00	-2.917578	20	PASS
			NV	20	-20000.00	-2.917578	20	PASS
			NV	0	-20000.00	-2.917578	20	PASS
			NV	-10	-20000.00	-2.917578	20	PASS
			NV	-20	-20000.00	-2.917578	20	PASS
			NV	-30	-20000.00	-2.917578	20	PASS
	Ant4	6855	NV	30	-20000.00	-2.917578	20	PASS
			NV	0	-20000.00	-2.917578	20	PASS
			NV	50	-20000.00	-2.917578	20	PASS
			NV	40	-20000.00	-2.917578	20	PASS
			NV	10	-20000.00	-2.917578	20	PASS
			NV	-30	-20000.00	-2.917578	20	PASS
			NV	-10	-20000.00	-2.917578	20	PASS
			NV	20	-20000.00	-2.917578	20	PASS
			NV	-20	-20000.00	-2.917578	20	PASS
	Ant1	6875	NV	0	-20000.00	-2.909091	20	PASS
			NV	40	-20000.00	-2.909091	20	PASS
			NV	30	-20000.00	-2.909091	20	PASS
			NV	10	-20000.00	-2.909091	20	PASS
			NV	50	-20000.00	-2.909091	20	PASS
			NV	-10	-20000.00	-2.909091	20	PASS
			NV	-20	-20000.00	-2.909091	20	PASS
			NV	-30	-20000.00	-2.909091	20	PASS
			NV	20	-20000.00	-2.909091	20	PASS
	Ant2	6875	NV	20	-40000.00	-5.818182	20	PASS
			NV	40	-40000.00	-5.818182	20	PASS
			NV	30	-40000.00	-5.818182	20	PASS
			NV	10	-40000.00	-5.818182	20	PASS
			NV	0	-40000.00	-5.818182	20	PASS
			NV	-10	-40000.00	-5.818182	20	PASS
			NV	-30	-40000.00	-5.818182	20	PASS
			NV	50	-40000.00	-5.818182	20	PASS
			NV	-20	-40000.00	-5.818182	20	PASS
	Ant3	6875	NV	20	-20000.00	-2.909091	20	PASS
			NV	50	-20000.00	-2.909091	20	PASS
			NV	40	-20000.00	-2.909091	20	PASS
			NV	30	-20000.00	-2.909091	20	PASS
			NV	0	-20000.00	-2.909091	20	PASS
			NV	-10	-20000.00	-2.909091	20	PASS
			NV	-30	-20000.00	-2.909091	20	PASS
			NV	-20	-20000.00	-2.909091	20	PASS
			NV	10	-20000.00	-2.909091	20	PASS
	Ant4	6875	NV	10	-20000.00	-2.909091	20	PASS
			NV	50	-40000.00	-5.818182	20	PASS
			NV	40	-40000.00	-5.818182	20	PASS
			NV	20	-20000.00	-2.909091	20	PASS
			NV	0	-40000.00	-5.818182	20	PASS
			NV	-10	-20000.00	-2.909091	20	PASS
			NV	-20	-40000.00	-5.818182	20	PASS
			NV	-30	-20000.00	-2.909091	20	PASS
			NV	30	-20000.00	-2.909091	20	PASS

	Ant1	6895	NV	20	-20000.00	-2.900653	20	PASS
			NV	50	-20000.00	-2.900653	20	PASS
			NV	40	-20000.00	-2.900653	20	PASS
			NV	30	-20000.00	-2.900653	20	PASS
			NV	0	-20000.00	-2.900653	20	PASS
			NV	-10	-20000.00	-2.900653	20	PASS
			NV	-30	-20000.00	-2.900653	20	PASS
			NV	-20	-20000.00	-2.900653	20	PASS
	Ant2	6895	NV	10	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	20	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
	Ant3	6895	NV	30	0.00	0.000000	20	PASS
			NV	10	-20000.00	-2.900653	20	PASS
			NV	50	-20000.00	-2.900653	20	PASS
			NV	40	-20000.00	-2.900653	20	PASS
			NV	20	-20000.00	-2.900653	20	PASS
			NV	-10	-20000.00	-2.900653	20	PASS
			NV	-20	-20000.00	-2.900653	20	PASS
			NV	-30	-20000.00	-2.900653	20	PASS
	Ant4	6895	NV	30	-20000.00	-2.900653	20	PASS
			NV	0	-20000.00	-2.900653	20	PASS
			NV	-10	-20000.00	-2.900653	20	PASS
			NV	-20	-20000.00	-2.900653	20	PASS
			NV	-30	-20000.00	-2.900653	20	PASS
			NV	30	-20000.00	-2.900653	20	PASS
			NV	20	-20000.00	-2.900653	20	PASS
			NV	40	-20000.00	-2.900653	20	PASS
	Ant1	6995	NV	50	-20000.00	-2.900653	20	PASS
			NV	40	-20000.00	-2.859185	20	PASS
			NV	30	-20000.00	-2.859185	20	PASS
			NV	20	-20000.00	-2.859185	20	PASS
			NV	10	-20000.00	-2.859185	20	PASS
			NV	0	-20000.00	-2.859185	20	PASS
			NV	-10	-20000.00	-2.859185	20	PASS
			NV	-20	-20000.00	-2.859185	20	PASS
	Ant2	6995	NV	-30	-20000.00	-2.859185	20	PASS
			NV	0	-20000.00	-2.859185	20	PASS
			NV	40	-20000.00	-2.859185	20	PASS
			NV	30	-20000.00	-2.859185	20	PASS
			NV	20	-20000.00	-2.859185	20	PASS
			NV	10	-20000.00	-2.859185	20	PASS
			NV	0	-20000.00	-2.859185	20	PASS
			NV	-10	-20000.00	-2.859185	20	PASS
	Ant3	6995	NV	-20	-20000.00	-2.859185	20	PASS
			NV	20	-20000.00	-2.859185	20	PASS
			NV	40	-20000.00	-2.859185	20	PASS
			NV	30	-20000.00	-2.859185	20	PASS
			NV	10	-20000.00	-2.859185	20	PASS
			NV	0	-20000.00	-2.859185	20	PASS
			NV	-10	-20000.00	-2.859185	20	PASS
			NV	-30	-20000.00	-2.859185	20	PASS
	Ant4	6995	NV	20	-20000.00	-2.859185	20	PASS

11BE40MIMO			NV	50	-20000.00	-2.859185	20	PASS
			NV	40	-20000.00	-2.859185	20	PASS
			NV	30	-20000.00	-2.859185	20	PASS
			NV	0	-20000.00	-2.859185	20	PASS
			NV	-10	-20000.00	-2.859185	20	PASS
			NV	-30	-20000.00	-2.859185	20	PASS
			NV	-20	-20000.00	-2.859185	20	PASS
			NV	10	-20000.00	-2.859185	20	PASS
	Ant1	7115	NV	10	-20000.00	-2.810963	20	PASS
			NV	50	-20000.00	-2.810963	20	PASS
			NV	40	-20000.00	-2.810963	20	PASS
			NV	20	-20000.00	-2.810963	20	PASS
			NV	0	-20000.00	-2.810963	20	PASS
			NV	-10	-20000.00	-2.810963	20	PASS
			NV	-20	-20000.00	-2.810963	20	PASS
			NV	-30	-20000.00	-2.810963	20	PASS
	Ant2	7115	NV	30	-20000.00	-2.810963	20	PASS
			NV	50	-20000.00	-2.810963	20	PASS
			NV	20	-20000.00	-2.810963	20	PASS
			NV	40	-20000.00	-2.810963	20	PASS
			NV	30	-20000.00	-2.810963	20	PASS
			NV	0	-20000.00	-2.810963	20	PASS
			NV	-10	-20000.00	-2.810963	20	PASS
			NV	-30	-20000.00	-2.810963	20	PASS
	Ant3	7115	NV	-20	-20000.00	-2.810963	20	PASS
			NV	10	-20000.00	-2.810963	20	PASS
			NV	50	-20000.00	-2.810963	20	PASS
			NV	40	-20000.00	-2.810963	20	PASS
			NV	20	-20000.00	-2.810963	20	PASS
			NV	0	-20000.00	-2.810963	20	PASS
			NV	-10	-20000.00	-2.810963	20	PASS
			NV	-20	-20000.00	-2.810963	20	PASS
	Ant4	7115	NV	-30	-20000.00	-2.810963	20	PASS
			NV	30	-20000.00	-2.810963	20	PASS
			NV	10	-20000.00	-2.810963	20	PASS
			NV	50	-20000.00	-2.810963	20	PASS
			NV	40	-20000.00	-2.810963	20	PASS
			NV	20	-20000.00	-2.810963	20	PASS
			NV	-10	-20000.00	-2.810963	20	PASS
			NV	-20	-20000.00	-2.810963	20	PASS
11BE40MIMO	Ant1	5965	NV	-30	-20000.00	-2.810963	20	PASS
			NV	0	-20000.00	-2.810963	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
	Ant2	5965	NV	-20	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
	Ant3	5965	NV	-30	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS

			NV	20	0.00	0.000000	20	PASS
			NV	50	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	30	0.00	0.000000	20	PASS
	Ant4	5965	NV	20	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	30	-40000.00	-6.705784	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	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
	Ant1	6165	NV	0	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
	Ant2	6165	NV	10	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
	Ant3	6165	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	30	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant4	6165	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	50	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
	Ant1	6405	NV	-10	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	20	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
	Ant2	6405	NV	-30	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS

			NV	40	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	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
	Ant3	6405	NV	50	0.00	0.000000	20	PASS
			NV	20	-40000.00	-6.245121	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	30	-40000.00	-6.245121	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	40	-40000.00	-6.245121	20	PASS
			NV	-10	-40000.00	-6.245121	20	PASS
			NV	-30	-40000.00	-6.245121	20	PASS
			NV	-20	0.00	0.000000	20	PASS
	Ant4	6405	NV	10	0.00	0.000000	20	PASS
			NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-40000.00	-6.245121	20	PASS
			NV	50	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-6.245121	20	PASS
	Ant1	6445	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	0	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
	Ant2	6445	NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
	Ant3	6445	NV	40	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant4	6445	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	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant1	6485	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
	Ant2	6485	NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	0	-40000.00	-6.168080	20	PASS
			NV	10	-40000.00	-6.168080	20	PASS
	Ant3	6485	NV	20	-40000.00	-6.168080	20	PASS
			NV	30	-40000.00	-6.168080	20	PASS
			NV	40	-40000.00	-6.168080	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant4	6485	NV	10	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS

	Ant1	6525	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
	Ant2	6525	NV	40	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
	Ant3	6525	NV	40	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant4	6525	NV	0	-40000.00	-6.130268	20	PASS
			NV	10	-40000.00	-6.130268	20	PASS
			NV	20	-40000.00	-6.130268	20	PASS
			NV	30	-40000.00	-6.130268	20	PASS
			NV	40	-40000.00	-6.130268	20	PASS
	Ant1	6565	NV	40	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	0	0.00	0.000000	20	PASS
	Ant2	6565	NV	40	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	0	0.00	0.000000	20	PASS
	Ant3	6565	NV	30	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant4	6565	NV	30	-40000.00	-6.092917	20	PASS
			NV	40	-40000.00	-6.092917	20	PASS
			NV	20	-40000.00	-6.092917	20	PASS
			NV	0	-40000.00	-6.092917	20	PASS
			NV	10	-40000.00	-6.092917	20	PASS
	Ant1	6685	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
	Ant2	6685	NV	40	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
	Ant3	6685	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
	Ant4	6685	NV	40	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
	Ant1	6845	NV	40	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS

	Ant2	6845	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
	Ant3	6845	NV	30	0.00	0.000000	20	PASS
			NV	40	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	0	0.00	0.000000	20	PASS
	Ant4	6845	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	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
	Ant1	6885	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	30	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
	Ant2	6885	NV	40	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
	Ant3	6885	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	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant4	6885	NV	30	0.00	0.000000	20	PASS
			NV	40	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	0	0.00	0.000000	20	PASS
	Ant1	6925	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	40	0.00	0.000000	20	PASS
	Ant2	6925	NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	-40000.00	-5.776173	20	PASS
	Ant3	6925	NV	10	-40000.00	-5.776173	20	PASS
			NV	20	-40000.00	-5.776173	20	PASS
			NV	30	-40000.00	-5.776173	20	PASS
			NV	40	-40000.00	-5.776173	20	PASS
			NV	40	-40000.00	-5.776173	20	PASS
			NV	30	-40000.00	-5.776173	20	PASS
	Ant4	6925	NV	40	-40000.00	-5.776173	20	PASS
			NV	0	-40000.00	-5.776173	20	PASS
			NV	20	-40000.00	-5.776173	20	PASS
			NV	10	-40000.00	-5.776173	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant1	6965	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	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant2	6965	NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS

	Ant3	6965	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	30	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
	Ant4	6965	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
	Ant1	7085	NV	40	0.00	0.000000	20	PASS
			NV	30	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
	Ant2	7085	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
	Ant3	7085	NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant4	7085	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
11BE80MIMO	Ant1	5985	NV	20	-80000.00	-13.366750	20	PASS
			NV	30	-80000.00	-13.366750	20	PASS
			NV	0	-80000.00	-13.366750	20	PASS
			NV	40	-80000.00	-13.366750	20	PASS
			NV	10	-80000.00	-13.366750	20	PASS
	Ant2	5985	NV	0	-80000.00	-13.366750	20	PASS
			NV	10	-80000.00	-13.366750	20	PASS
			NV	20	-80000.00	-13.366750	20	PASS
			NV	30	-80000.00	-13.366750	20	PASS
			NV	40	-80000.00	-13.366750	20	PASS
	Ant3	5985	NV	40	-80000.00	-13.366750	20	PASS
			NV	0	-80000.00	-13.366750	20	PASS
			NV	10	-80000.00	-13.366750	20	PASS
			NV	20	-80000.00	-13.366750	20	PASS
			NV	30	-80000.00	-13.366750	20	PASS
	Ant4	5985	NV	40	-80000.00	-13.366750	20	PASS
			NV	30	-80000.00	-13.366750	20	PASS
			NV	20	-80000.00	-13.366750	20	PASS
			NV	0	-80000.00	-13.366750	20	PASS
			NV	10	-80000.00	-13.366750	20	PASS
	Ant1	6145	NV	0	-80000.00	-13.018714	20	PASS
			NV	10	-80000.00	-13.018714	20	PASS
			NV	20	-80000.00	-13.018714	20	PASS
			NV	30	-80000.00	-13.018714	20	PASS
			NV	40	-80000.00	-13.018714	20	PASS
	Ant2	6145	NV	30	-80000.00	-13.018714	20	PASS
			NV	40	-80000.00	-13.018714	20	PASS
			NV	0	-80000.00	-13.018714	20	PASS
			NV	10	-80000.00	-13.018714	20	PASS
			NV	20	-80000.00	-13.018714	20	PASS
	Ant3	6145	NV	0	-80000.00	-13.018714	20	PASS
			NV	10	-80000.00	-13.018714	20	PASS

			NV	20	-80000.00	-13.018714	20	PASS
			NV	30	-80000.00	-13.018714	20	PASS
			NV	40	-80000.00	-13.018714	20	PASS
			NV	20	-80000.00	-13.018714	20	PASS
Ant4	6145		NV	30	-80000.00	-13.018714	20	PASS
			NV	10	-80000.00	-13.018714	20	PASS
			NV	0	-80000.00	-13.018714	20	PASS
			NV	40	-80000.00	-13.018714	20	PASS
Ant1	6385		NV	0	-80000.00	-12.529366	20	PASS
			NV	10	-80000.00	-12.529366	20	PASS
			NV	20	-80000.00	-12.529366	20	PASS
			NV	30	-80000.00	-12.529366	20	PASS
Ant2	6385		NV	40	-80000.00	-12.529366	20	PASS
			NV	30	-80000.00	-12.529366	20	PASS
			NV	10	-80000.00	-12.529366	20	PASS
			NV	0	-80000.00	-12.529366	20	PASS
Ant3	6385		NV	20	-80000.00	-12.529366	20	PASS
			NV	30	-80000.00	-12.529366	20	PASS
			NV	40	-80000.00	-12.529366	20	PASS
			NV	0	-80000.00	-12.529366	20	PASS
Ant4	6385		NV	40	-80000.00	-12.529366	20	PASS
			NV	0	-80000.00	-12.529366	20	PASS
			NV	10	-80000.00	-12.529366	20	PASS
			NV	20	-80000.00	-12.529366	20	PASS
Ant1	6465		NV	30	-80000.00	-12.529366	20	PASS
			NV	40	-80000.00	-12.529366	20	PASS
			NV	0	-80000.00	-12.529366	20	PASS
			NV	10	-80000.00	-12.529366	20	PASS
Ant2	6465		NV	0	-80000.00	-12.374323	20	PASS
			NV	10	-80000.00	-12.374323	20	PASS
			NV	20	-80000.00	-12.374323	20	PASS
			NV	30	-80000.00	-12.374323	20	PASS
Ant3	6465		NV	40	-80000.00	-12.374323	20	PASS
			NV	30	-80000.00	-12.374323	20	PASS
			NV	20	-80000.00	-12.374323	20	PASS
			NV	0	-80000.00	-12.374323	20	PASS
Ant4	6465		NV	10	-80000.00	-12.374323	20	PASS
			NV	20	-80000.00	-12.374323	20	PASS
			NV	30	-80000.00	-12.374323	20	PASS
			NV	40	-80000.00	-12.374323	20	PASS
Ant1	6545		NV	0	-80000.00	-12.223071	20	PASS
			NV	10	-80000.00	-12.223071	20	PASS
			NV	20	-80000.00	-12.223071	20	PASS
			NV	30	-80000.00	-12.223071	20	PASS
Ant2	6545		NV	40	-80000.00	-12.223071	20	PASS
			NV	30	-80000.00	-12.223071	20	PASS
			NV	20	-80000.00	-12.223071	20	PASS
			NV	0	-80000.00	-12.223071	20	PASS
Ant3	6545		NV	10	-80000.00	-12.223071	20	PASS
			NV	20	-80000.00	-12.223071	20	PASS
			NV	30	-80000.00	-12.223071	20	PASS
			NV	40	-80000.00	-12.223071	20	PASS
Ant4	6545		NV	40	-80000.00	-12.223071	20	PASS

			NV	30	-80000.00	-12.223071	20	PASS
			NV	0	-80000.00	-12.223071	20	PASS
			NV	10	-80000.00	-12.223071	20	PASS
			NV	20	-80000.00	-12.223071	20	PASS
Ant1	6625		NV	0	-80000.00	-12.075472	20	PASS
			NV	10	-80000.00	-12.075472	20	PASS
			NV	20	-80000.00	-12.075472	20	PASS
			NV	30	-80000.00	-12.075472	20	PASS
Ant2	6625		NV	40	-80000.00	-12.075472	20	PASS
			NV	0	-80000.00	-12.075472	20	PASS
			NV	10	-80000.00	-12.075472	20	PASS
			NV	20	-80000.00	-12.075472	20	PASS
Ant3	6625		NV	30	-80000.00	-12.075472	20	PASS
			NV	40	-80000.00	-12.075472	20	PASS
			NV	0	-80000.00	-12.075472	20	PASS
			NV	10	-80000.00	-12.075472	20	PASS
Ant4	6625		NV	20	-80000.00	-12.075472	20	PASS
			NV	30	-80000.00	-12.075472	20	PASS
			NV	40	-80000.00	-12.075472	20	PASS
			NV	0	-80000.00	-12.075472	20	PASS
Ant1	6705		NV	10	-80000.00	-11.931394	20	PASS
			NV	20	-80000.00	-11.931394	20	PASS
			NV	30	-80000.00	-11.931394	20	PASS
			NV	40	-80000.00	-11.931394	20	PASS
Ant2	6705		NV	0	-80000.00	-11.931394	20	PASS
			NV	10	-80000.00	-11.931394	20	PASS
			NV	20	-80000.00	-11.931394	20	PASS
			NV	30	-80000.00	-11.931394	20	PASS
Ant3	6705		NV	40	-80000.00	-11.931394	20	PASS
			NV	20	-80000.00	-11.931394	20	PASS
			NV	30	-80000.00	-11.931394	20	PASS
			NV	10	-80000.00	-11.931394	20	PASS
Ant4	6705		NV	0	-80000.00	-11.931394	20	PASS
			NV	10	-80000.00	-11.931394	20	PASS
			NV	20	-80000.00	-11.931394	20	PASS
			NV	30	-80000.00	-11.931394	20	PASS
Ant1	6785		NV	40	-80000.00	-11.790715	20	PASS
			NV	10	-80000.00	-11.790715	20	PASS
			NV	0	-80000.00	-11.790715	20	PASS
			NV	20	-80000.00	-11.790715	20	PASS
Ant2	6785		NV	30	-80000.00	-11.790715	20	PASS
			NV	40	-80000.00	-11.790715	20	PASS
			NV	0	-80000.00	-11.790715	20	PASS
			NV	10	-80000.00	-11.790715	20	PASS
Ant3	6785		NV	20	-80000.00	-11.790715	20	PASS
			NV	30	-80000.00	-11.790715	20	PASS
			NV	40	-80000.00	-11.790715	20	PASS
			NV	0	-80000.00	-11.790715	20	PASS
Ant4	6785		NV	10	-80000.00	-11.790715	20	PASS
			NV	20	-80000.00	-11.790715	20	PASS
			NV	30	-80000.00	-11.790715	20	PASS
			NV	40	-80000.00	-11.790715	20	PASS

	Ant1	6865	NV	0	-80000.00	-11.653314	20	PASS
			NV	10	-80000.00	-11.653314	20	PASS
			NV	20	-80000.00	-11.653314	20	PASS
			NV	30	-80000.00	-11.653314	20	PASS
			NV	40	-80000.00	-11.653314	20	PASS
	Ant2	6865	NV	30	-80000.00	-11.653314	20	PASS
			NV	20	-80000.00	-11.653314	20	PASS
			NV	0	-80000.00	-11.653314	20	PASS
			NV	10	-80000.00	-11.653314	20	PASS
			NV	40	-80000.00	-11.653314	20	PASS
	Ant3	6865	NV	0	-80000.00	-11.653314	20	PASS
			NV	10	-80000.00	-11.653314	20	PASS
			NV	20	-80000.00	-11.653314	20	PASS
			NV	30	-80000.00	-11.653314	20	PASS
			NV	40	-80000.00	-11.653314	20	PASS
	Ant4	6865	NV	40	-80000.00	-11.653314	20	PASS
			NV	0	-80000.00	-11.653314	20	PASS
			NV	10	-80000.00	-11.653314	20	PASS
			NV	20	-80000.00	-11.653314	20	PASS
			NV	30	0.00	0.000000	20	PASS
	Ant1	6945	NV	40	-80000.00	-11.519078	20	PASS
			NV	30	-80000.00	-11.519078	20	PASS
			NV	20	-80000.00	-11.519078	20	PASS
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			NV	10	-80000.00	-11.519078	20	PASS
	Ant2	6945	NV	0	-80000.00	-11.519078	20	PASS
			NV	10	-80000.00	-11.519078	20	PASS
			NV	20	-80000.00	-11.519078	20	PASS
			NV	30	-80000.00	-11.519078	20	PASS
			NV	40	-80000.00	-11.519078	20	PASS
	Ant3	6945	NV	40	-80000.00	-11.519078	20	PASS
			NV	30	-80000.00	-11.519078	20	PASS
			NV	0	-80000.00	-11.519078	20	PASS
			NV	10	-80000.00	-11.519078	20	PASS
			NV	20	-80000.00	-11.519078	20	PASS
	Ant4	6945	NV	0	-80000.00	-11.519078	20	PASS
			NV	10	-80000.00	-11.519078	20	PASS
			NV	20	-80000.00	-11.519078	20	PASS
			NV	30	-80000.00	-11.519078	20	PASS
			NV	40	-80000.00	-11.519078	20	PASS
	Ant1	7025	NV	40	-80000.00	-11.387900	20	PASS
			NV	0	-80000.00	-11.387900	20	PASS
			NV	10	-80000.00	-11.387900	20	PASS
			NV	20	-80000.00	-11.387900	20	PASS
			NV	30	-80000.00	-11.387900	20	PASS
	Ant2	7025	NV	40	-80000.00	-11.387900	20	PASS
			NV	30	-80000.00	-11.387900	20	PASS
			NV	20	-80000.00	-11.387900	20	PASS
			NV	0	-80000.00	-11.387900	20	PASS
			NV	10	-80000.00	-11.387900	20	PASS
	Ant3	7025	NV	0	-80000.00	-11.387900	20	PASS
			NV	10	-80000.00	-11.387900	20	PASS
			NV	20	-80000.00	-11.387900	20	PASS
			NV	30	-80000.00	-11.387900	20	PASS
			NV	40	-80000.00	-11.387900	20	PASS
	Ant4	7025	NV	30	-80000.00	-11.387900	20	PASS
			NV	40	-80000.00	-11.387900	20	PASS
			NV	0	-80000.00	-11.387900	20	PASS
			NV	20	-80000.00	-11.387900	20	PASS
			NV	10	-80000.00	-11.387900	20	PASS
11BE160MIMO	Ant1	6025	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

	Ant2	6025	NV	40	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
	Ant3	6025	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	20	0.00	0.000000	20	PASS
	Ant4	6025	NV	0	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant1	6185	NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
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			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant2	6185	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	0	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
	Ant3	6185	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	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
	Ant4	6185	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	0	0.00	0.000000	20	PASS
	Ant1	6345	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	40	0.00	0.000000	20	PASS
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	Ant2	6345	NV	10	0.00	0.000000	20	PASS
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			NV	20	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
	Ant3	6345	NV	10	0.00	0.000000	20	PASS
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			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
	Ant4	6345	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	30	0.00	0.000000	20	PASS
	Ant1	6505	NV	40	0.00	0.000000	20	PASS
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			NV	0	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
	Ant2	6505	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	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
Ant3	6505		NV	20	0.00	0.000000	20	PASS
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			NV	30	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
Ant4	6505		NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
Ant1	6665		NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
Ant2	6665		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	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
Ant3	6665		NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
Ant4	6665		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	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
Ant1	6825		NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
Ant2	6825		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	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
Ant3	6825		NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
Ant4	6825		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	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
Ant1	6985		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	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
Ant2	6985		NV	30	0.00	0.000000	20	PASS
			NV	40	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
Ant3	6985		NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS

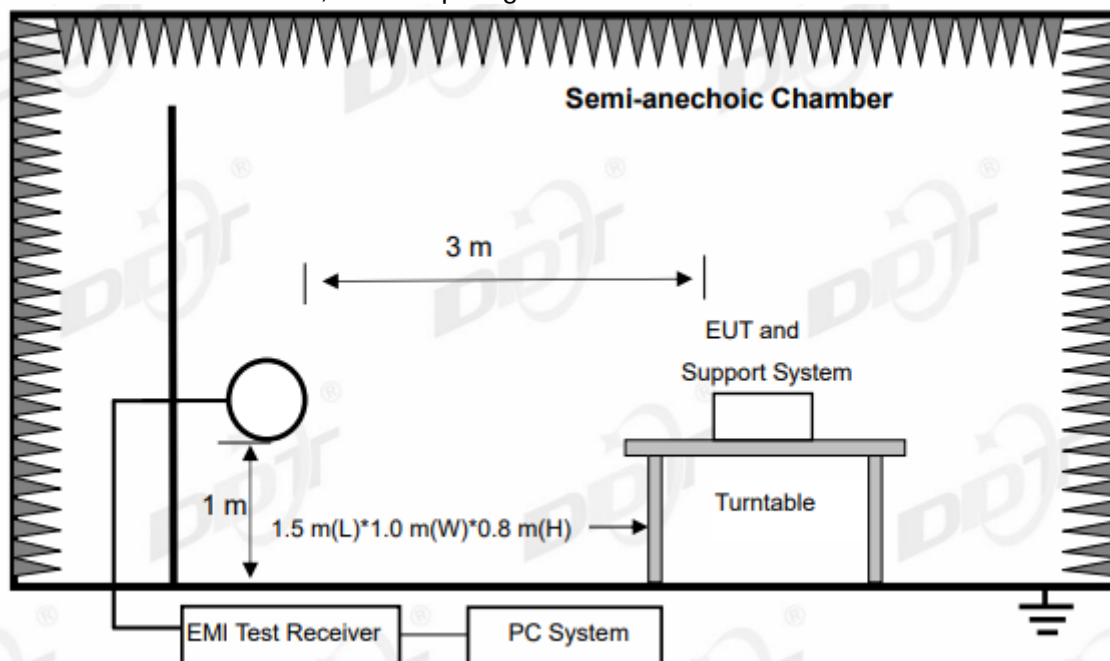
			NV	10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
	Ant4	6985	NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
11BE320MIMO	Ant1	6105	NV	0	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
	Ant2	6105	NV	40	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
	Ant3	6105	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	0	0.00	0.000000	20	PASS
	Ant4	6105	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
	Ant2	6265	NV	0	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
	Ant3	6265	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
	Ant4	6265	NV	0	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant1	6585	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
	Ant2	6585	NV	10	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
	Ant3	6585	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
	Ant4	6585	NV	30	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
	Ant1	6745	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
	Ant2	6745	NV	10	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
	Ant3	6745	NV	30	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
	Ant4	6745	NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
	Ant1	6905	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
	Ant2	6905	NV	40	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
	Ant3	6905	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
	Ant4	6905	NV	40	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS

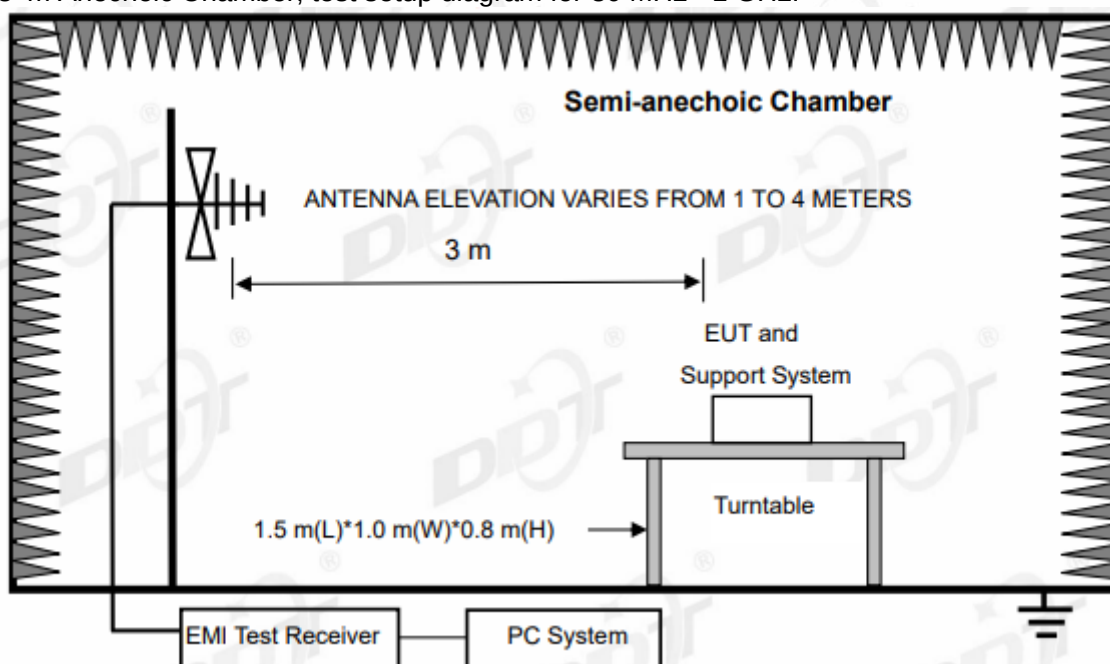
12. Emissions in Restricted Frequency Bands

12.1. Block diagram of test setup

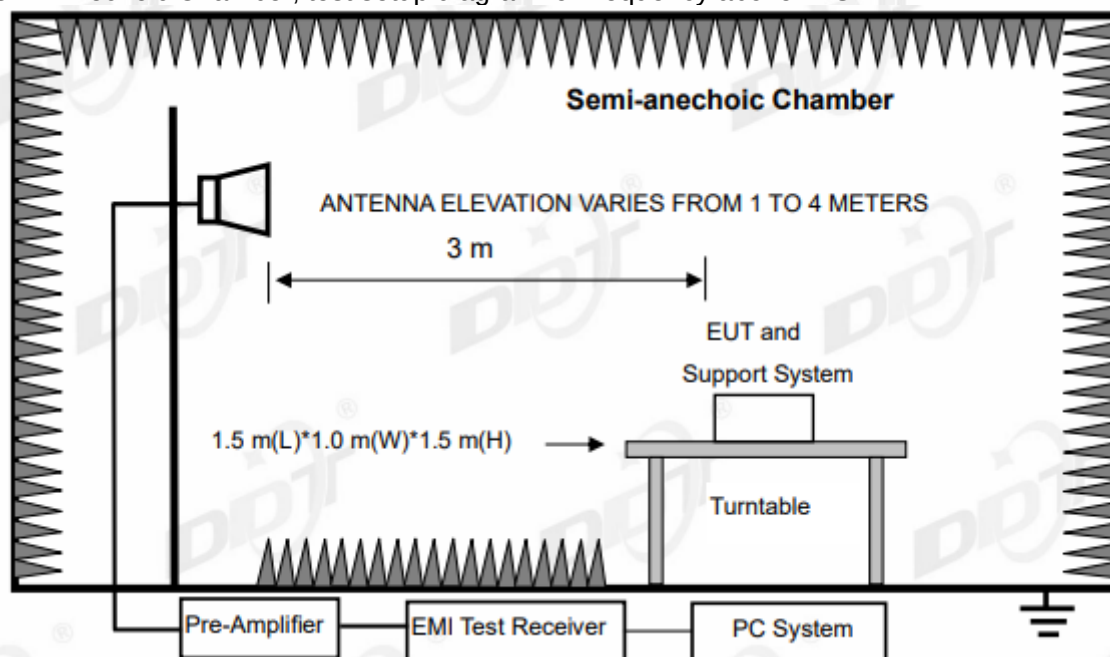
In 3 m Anechoic Chamber, test setup diagram for 9 kHz - 30 MHz:



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.

12.2. 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
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 MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		μV/m	dB(μV)/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 - 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:

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

(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..

Any emissions outside of the 5925-7125 MHz frequency band shall not exceed -27 dBm/MHz e.i.r.p. spectral density

12.3. Test procedure

- (1) EUT height should be 0 m for below 1 GHz at a semi - anechoic chamber while EUT height should be 0 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) Test antenna was located 3m from the EUT on an adjustable mast, and 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)	1 m

According ANSI C63.10:2013 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 or Horn Antenna was located 3m 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 degree, 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 equipments and all of the interface cables were changed according to ANSI C63.10:2013 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 10 Hz for AV value.

12.4. Test result

Pass. (See below detailed test result)

All the emissions except fundamental emission from 9 kHz to 25 GHz were comply with 15.209 limits and RSS-Gen section 8.9 limits.

Note1: According exploratory test no any obvious emission was detected from 9 kHz to 30 MHz .

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 802.11ax20 mode

Note3: For emissions above 1 GHz, according exploratory explorer test, 802.11ax20 mode is the worst case, so the final test was only performed with EUT working in 802.11ax20 mode. If peak results comply with AV limit, AV Result is deemed to comply with AV limit.

Radiated Emission test (below 1GHz)

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-05-25

Tested By: Bairong

EUT: Wireless Access Point

Model Number: RG-RAP73HD

Test Mode: TX Mode

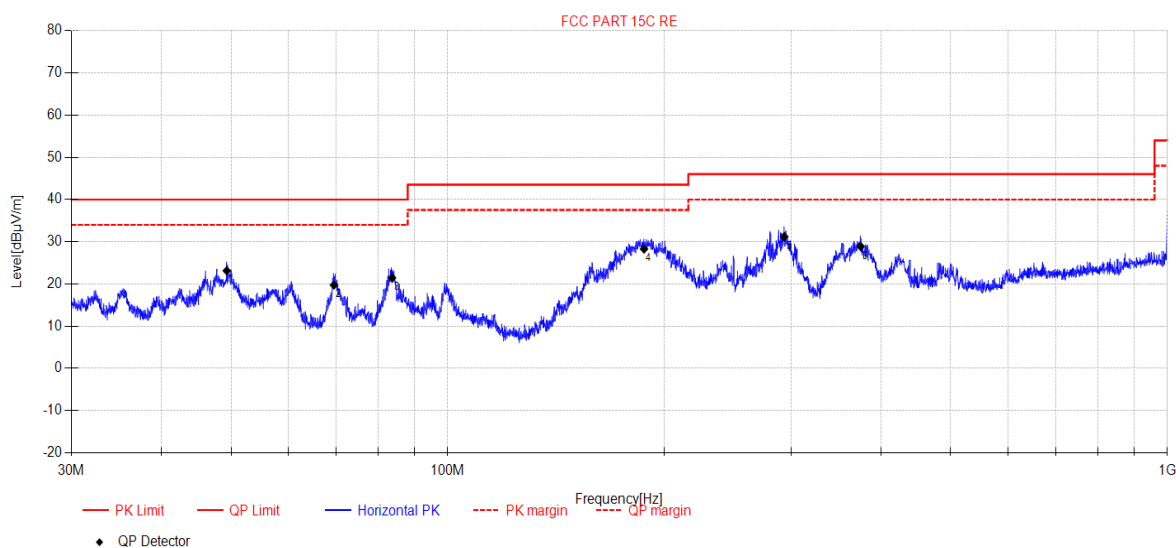
Power Supply: AC 120V/60Hz

Condition: Temp:24.9°C;Humi:66.2%

Test Site: DDT 3# Chamber

File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC BELOW 1G\20230525-114940_H

Memo:

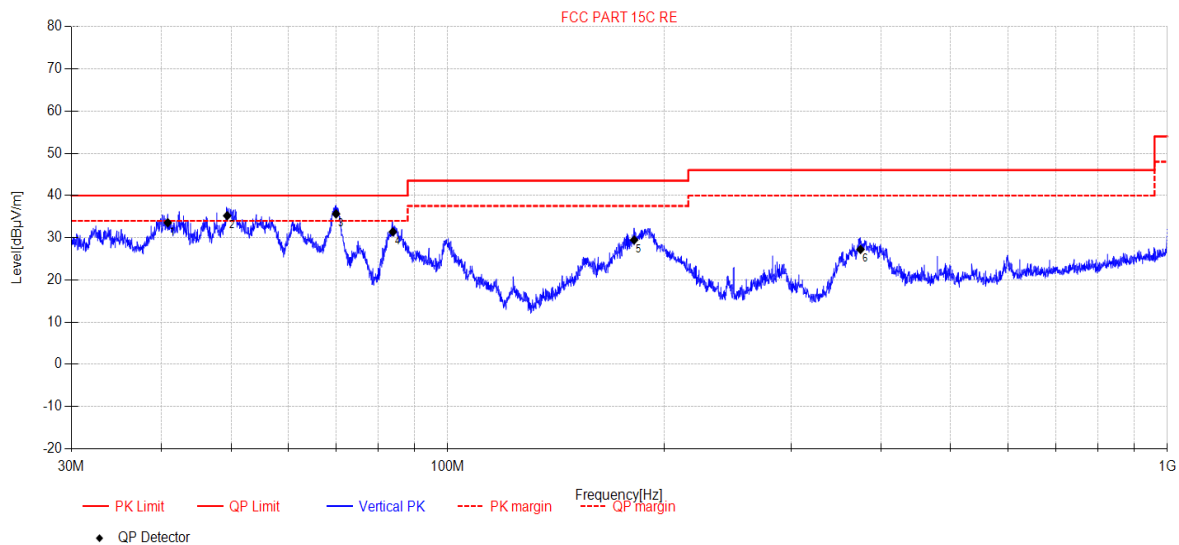


Final Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Antenna Factor [dB]	Cable Loss [dB]	AMP [dB]	Result [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	49.32	37.51	13.17	4.72	-32.28	23.12	40.00	16.88	QP	Horizontal
2	69.49	38.52	8.70	4.79	-32.27	19.74	40.00	20.26	QP	Horizontal
3	83.68	41.27	7.54	4.87	-32.26	21.42	40.00	18.58	QP	Horizontal
4	187.42	44.96	9.94	5.63	-32.25	28.28	43.50	15.22	QP	Horizontal
5	293.57	44.33	13.07	6.12	-32.31	31.21	46.00	14.79	QP	Horizontal
6	374.96	39.65	15.00	6.56	-32.35	28.86	46.00	17.14	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: 2023-05-25**Tested By:** Bairong**EUT:** Wireless Access Point**Model Number:** RG-RAP73HD**Test Mode:** TX Mode**Power Supply:** AC 120V/60Hz**Condition:** Temp:24.9°C;Humi:66.2%**Test Site:** DDT 3# Chamber**File Path:** d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC BELOW 1G\20230525-115028_V**Memo:**

Final 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	40.84	48.96	12.27	4.61	-32.28	33.56	40.00	6.44	QP	Vertical
2	49.39	49.61	13.16	4.72	-32.28	35.21	40.00	4.79	QP	Vertical
3	69.98	54.62	8.51	4.79	-32.27	35.65	40.00	4.35	QP	Vertical
4	83.92	51.19	7.58	4.87	-32.26	31.38	40.00	8.62	QP	Vertical
5	181.60	46.77	9.36	5.58	-32.24	29.47	43.50	14.03	QP	Vertical
6	374.70	38.03	14.99	6.56	-32.35	27.23	46.00	18.77	QP	Vertical

Note:

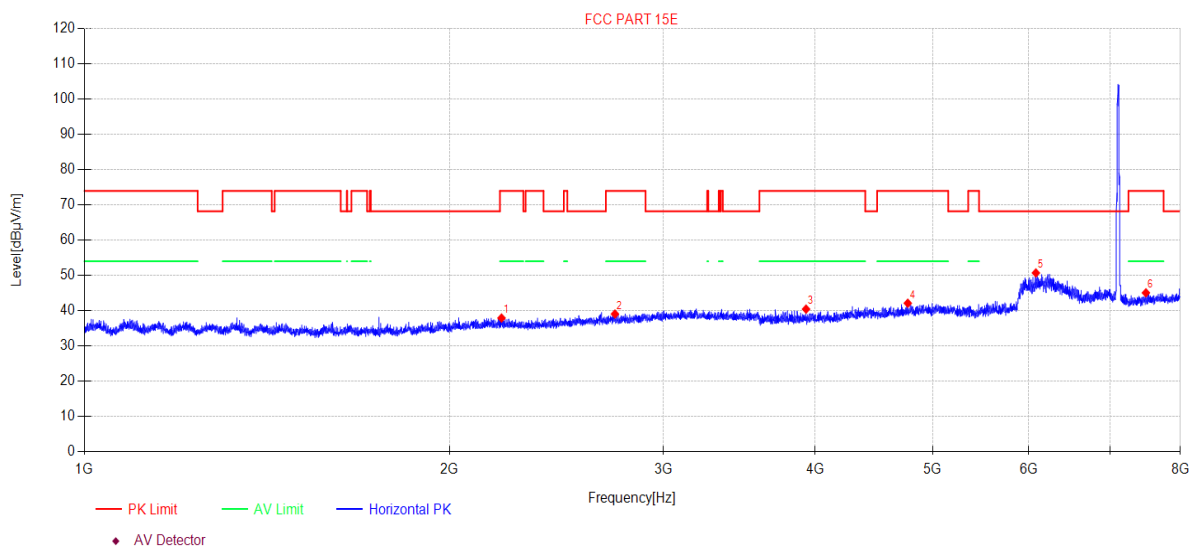
1. Result Level = Reading + Cable loss + Antenna Factor + AMP
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

Radiated Emission test (above 1GHz)

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-03-08 **Tested By:** Bairong
EUT: Wireless Access Point **Model Number:** RG-RAP73HD
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.2°C;Humi:56.7% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G WIFI6E\1
Memo: 11AX20MIMO 7115

Test Graph



Suspected Data List

NO	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	2206.85	47.75	2.87	27.21	-39.93	37.90	74.00	36.10	PK	Horizontal
2	2736.73	47.76	3.42	28.37	-40.51	39.04	74.00	34.96	PK	Horizontal
3	3932.92	47.37	3.85	30.57	-41.36	40.43	74.00	33.57	PK	Horizontal
4	4769.95	47.07	4.03	32.18	-41.17	42.11	74.00	31.89	PK	Horizontal
5	6082.40	52.86	4.46	34.10	-40.72	50.70	68.20	17.50	PK	Horizontal
6	7494.38	45.02	4.63	36.41	-41.00	45.06	74.00	28.94	PK	Horizontal

Note:

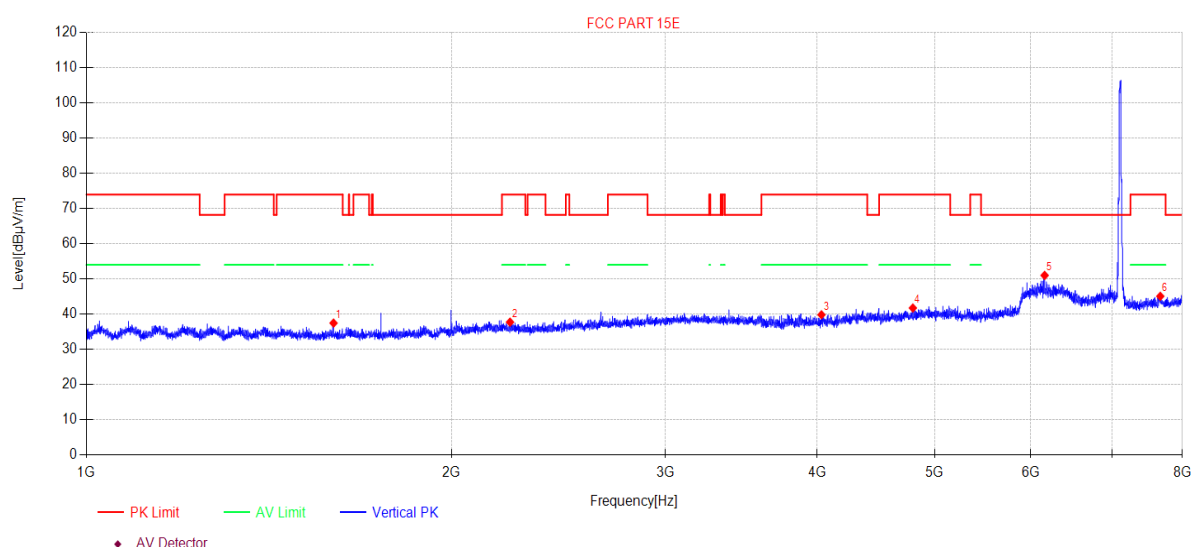
1. Level = Reading + Cable Loss + Antenna Factor + AMP
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-03-08
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.2°C;Humi:56.7%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G WIFI6E2
Memo: 11AX20MIMO 7115

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

NO	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	1598.52	48.74	2.40	25.40	-39.10	37.44	74.00	36.56	PK	Vertical
2	2234.08	47.51	2.89	27.27	-39.96	37.71	74.00	36.29	PK	Vertical
3	4033.97	46.55	3.87	30.77	-41.39	39.80	74.00	34.20	PK	Vertical
4	4797.80	46.56	4.04	32.29	-41.16	41.73	74.00	32.27	PK	Vertical
5	6160.03	53.09	4.46	34.20	-40.75	51.00	68.20	17.20	PK	Vertical
6	7672.55	44.82	4.70	36.55	-41.00	45.07	74.00	28.93	PK	Vertical

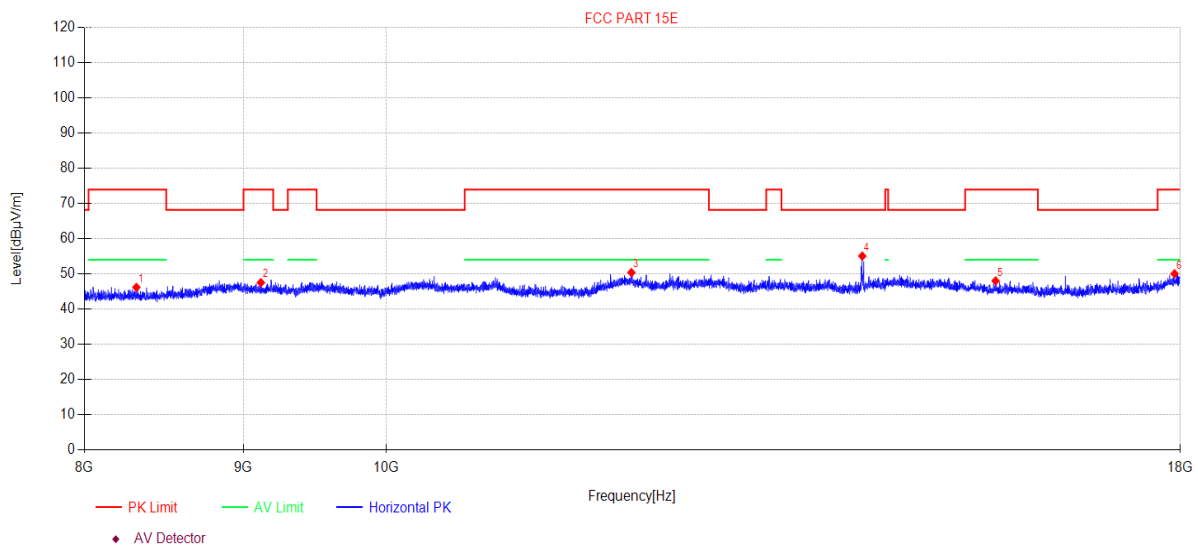
Note:

- 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: 2023-03-08 **Tested By:** Bairong
EUT: Wireless Access Point **Model Number:** RG-RAP73HD
Test Mode: TX Mode **Power Supply:** AC 120V/60Hz
Condition: Temp:22.2°C;Humi:56.7% **Test Site:** DDT 3# Chamber
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G WIFI6E\3
Memo: 11AX20MIMO 7115

Test Graph



Suspected Data List

NO	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	8314.13	44.32	5.17	37.20	-40.50	46.19	74.00	27.81	PK	Horizontal
2	9116.35	43.46	5.37	38.23	-39.54	47.52	74.00	26.48	PK	Horizontal
3	11991.73	44.28	6.12	38.89	-38.91	50.38	74.00	23.62	PK	Horizontal
4	14225.89	47.48	7.02	40.20	-39.62	55.08	68.20	13.12	PK	Horizontal
5	15700.03	41.95	7.96	38.30	-40.19	48.02	74.00	25.98	PK	Horizontal
6	17922.81	40.12	9.26	41.34	-40.67	50.05	74.00	23.95	PK	Horizontal

Note:

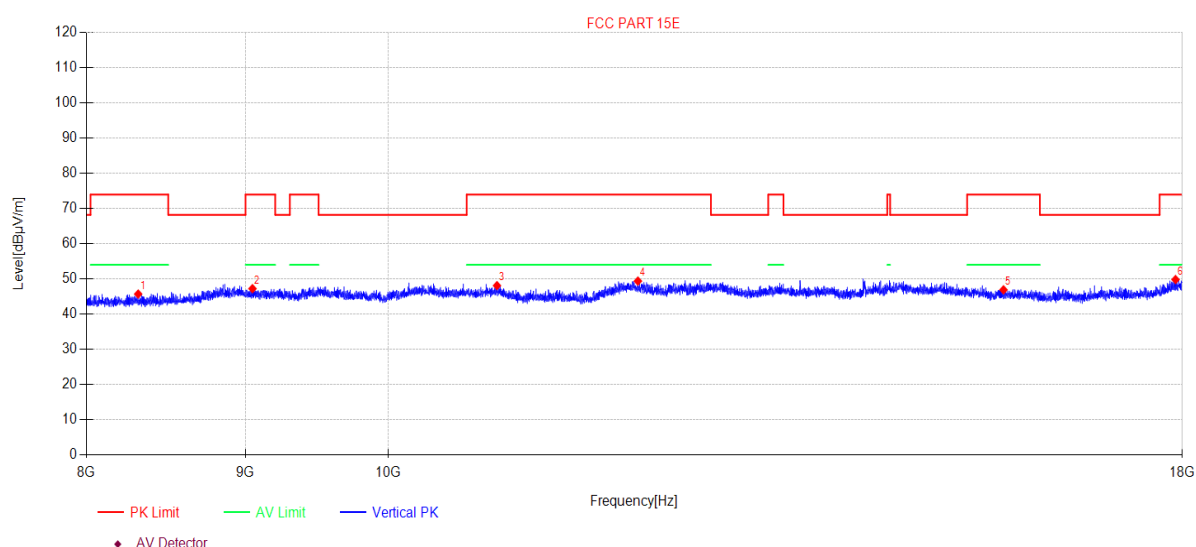
- Level = Reading + Cable Loss + Antenna Factor + AMP
- If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
- Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

TR-4-E-009 Radiated Emission Test Result

Test Date: 2023-03-08
EUT: Wireless Access Point
Test Mode: TX Mode
Condition: Temp:22.2°C;Humi:56.7%
File Path: d:\ts\2023 report data\Q23032214 RG-RAP73HD\FCC ABOVE 1G WIFI6E\4
Memo: 11AX20MIMO 7115

Tested By: Bairong
Model Number: RG-RAP73HD
Power Supply: AC 120V/60Hz
Test Site: DDT 3# Chamber

Test Graph



Suspected Data List

NO	Freq. [MHz]	Reading [dBμV/m]	Cable Loss [dB]	Antenna Factor [dB]	AMP [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Detector	Polarity
1	8312.79	43.83	5.17	37.20	-40.50	45.70	74.00	28.30	PK	Vertical
2	9046.39	43.14	5.35	38.20	-39.46	47.23	74.00	26.77	PK	Vertical
3	10840.26	43.64	5.87	39.10	-40.52	48.09	74.00	25.91	PK	Vertical
4	12031.66	43.21	6.14	38.96	-38.93	49.38	74.00	24.62	PK	Vertical
5	15768.92	40.89	8.01	38.23	-40.24	46.89	74.00	27.11	PK	Vertical
6	17909.74	39.97	9.25	41.26	-40.66	49.82	74.00	24.18	PK	Vertical

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.