

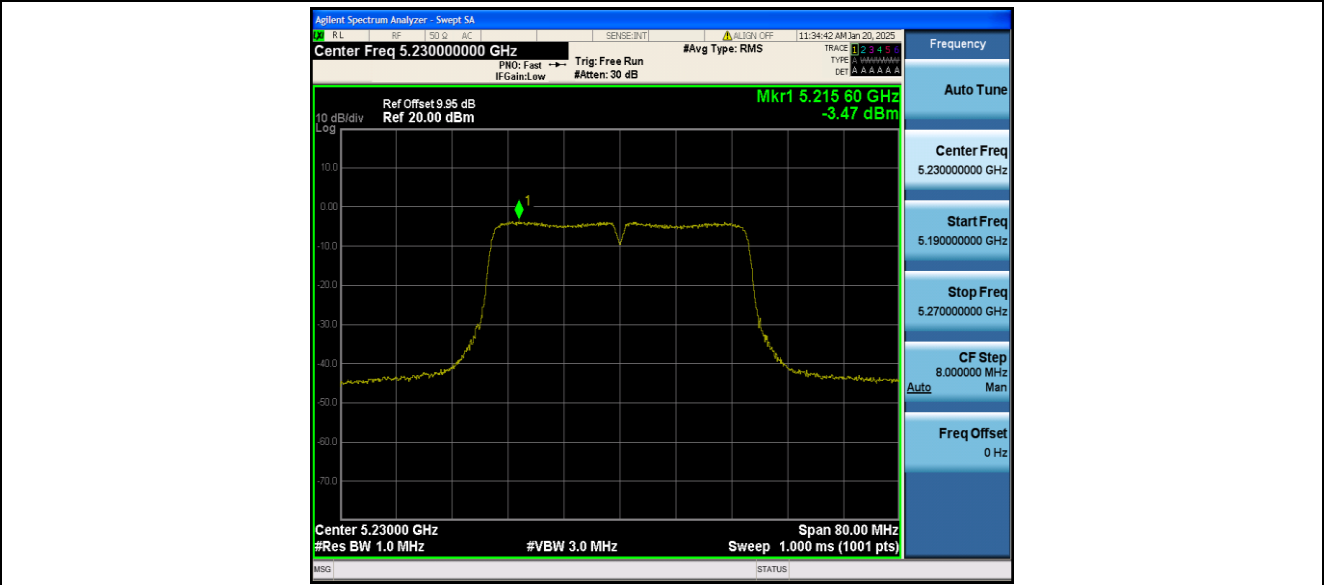
11AC40MIMO_Ant1_5190



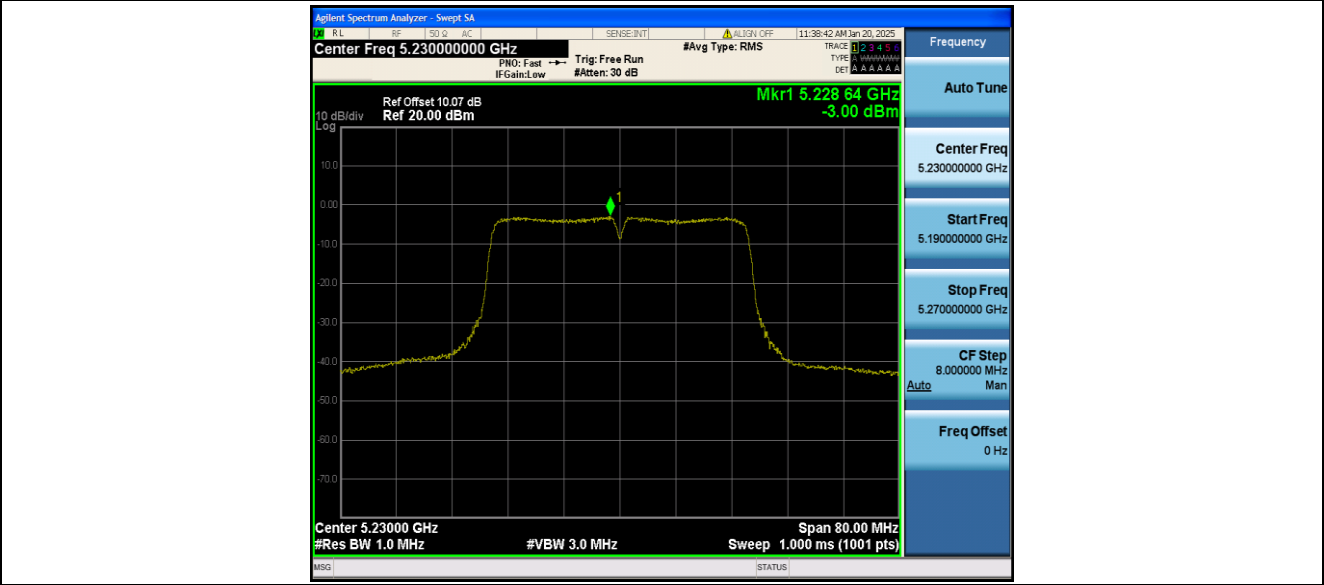
11AC40MIMO_Ant2_5190



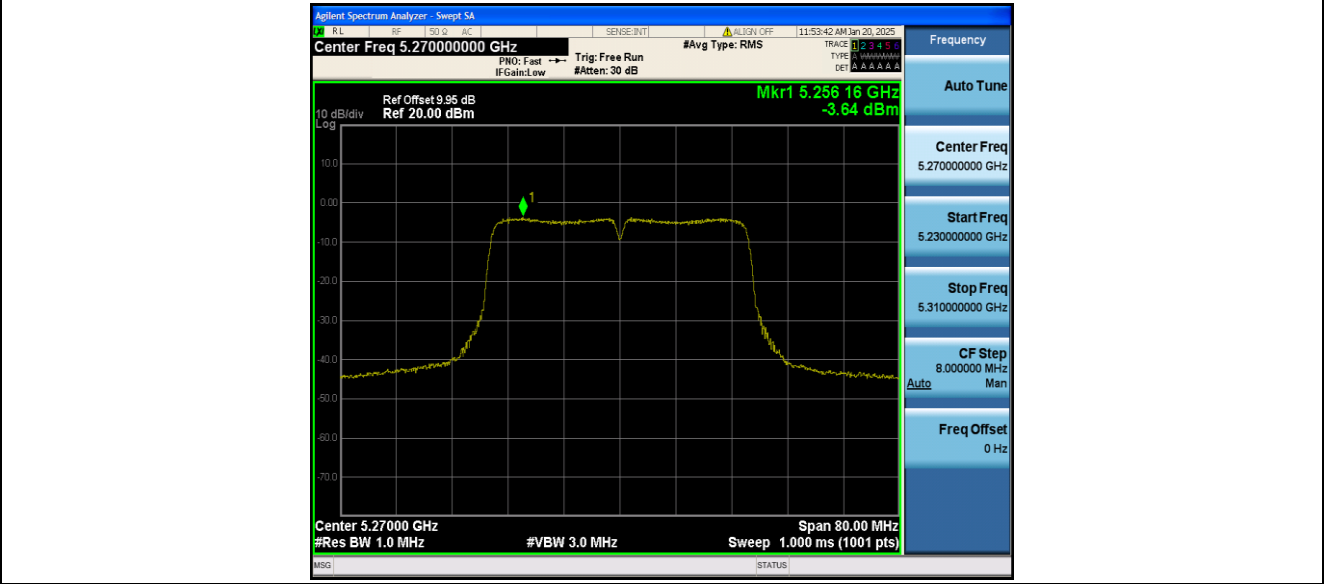
11AC40MIMO_Ant1_5230



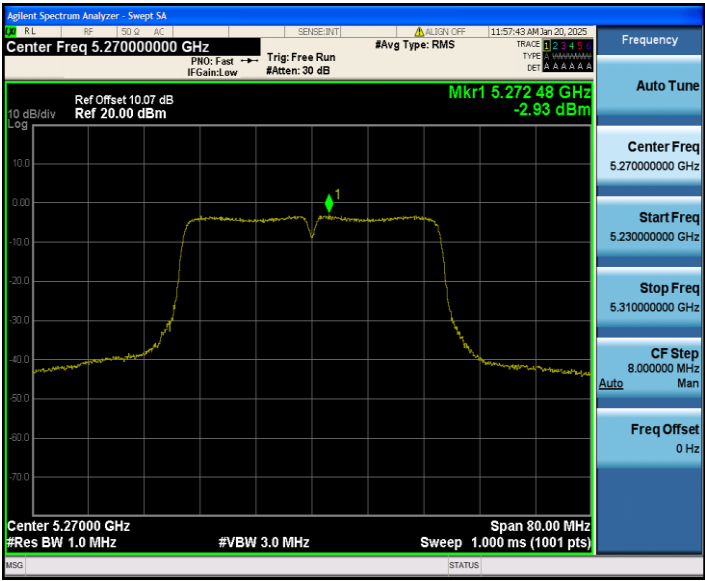
11AC40MIMO_Ant2_5230



11AC40MIMO_Ant1_5270



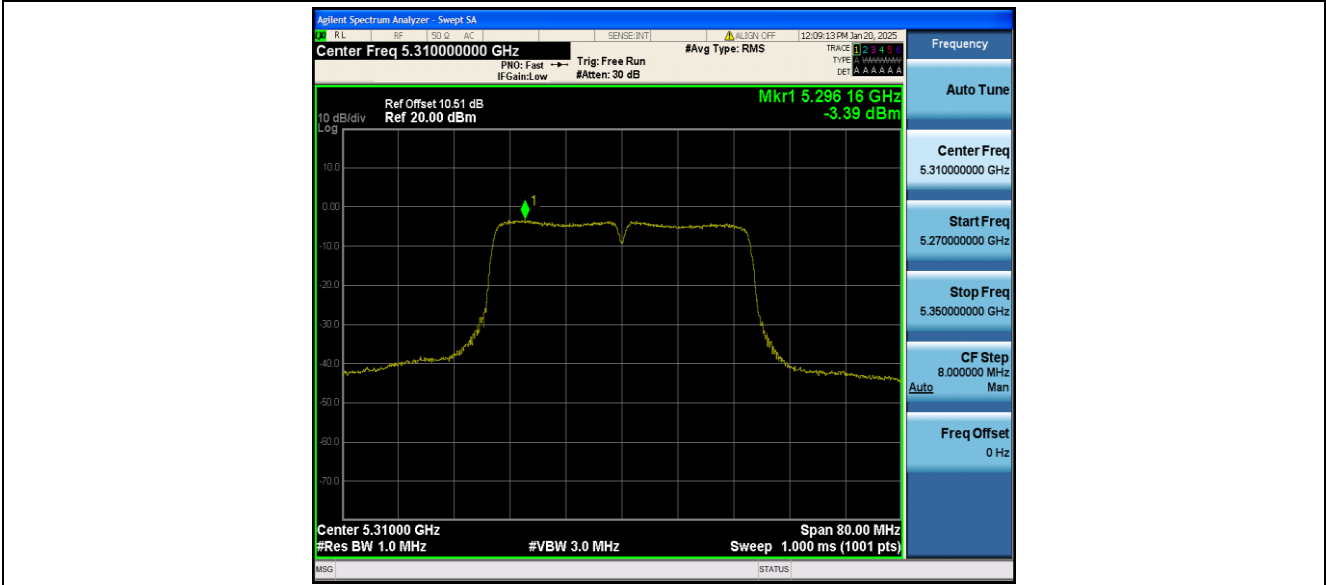
11AC40MIMO_Ant2_5270



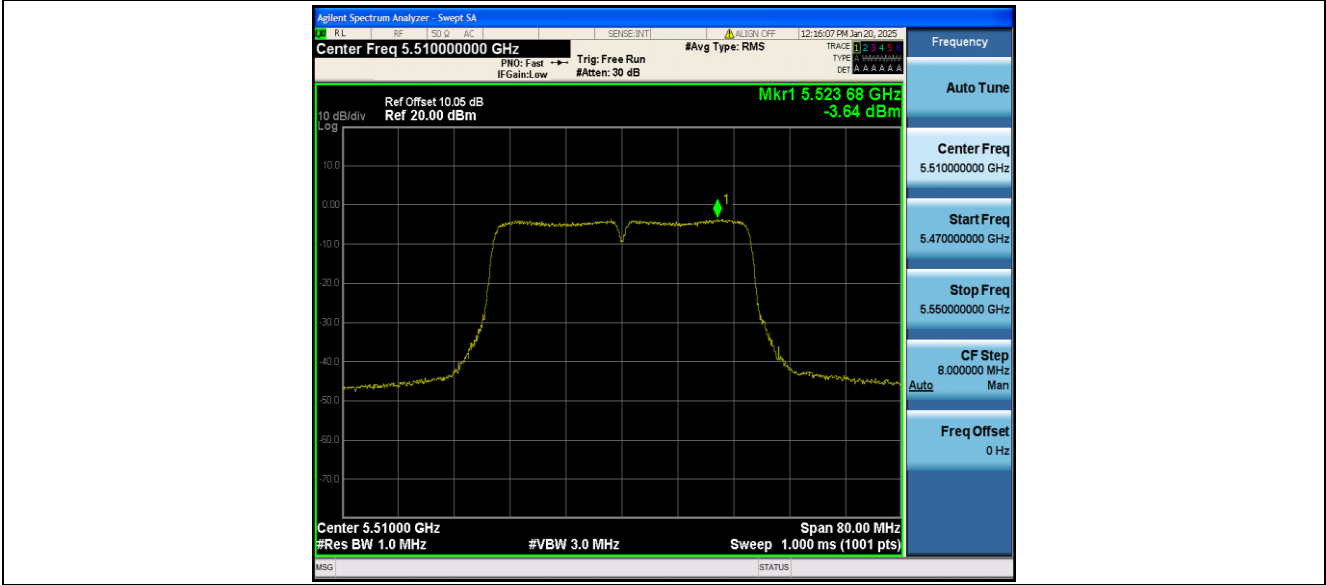
11AC40MIMO_Ant1_5310



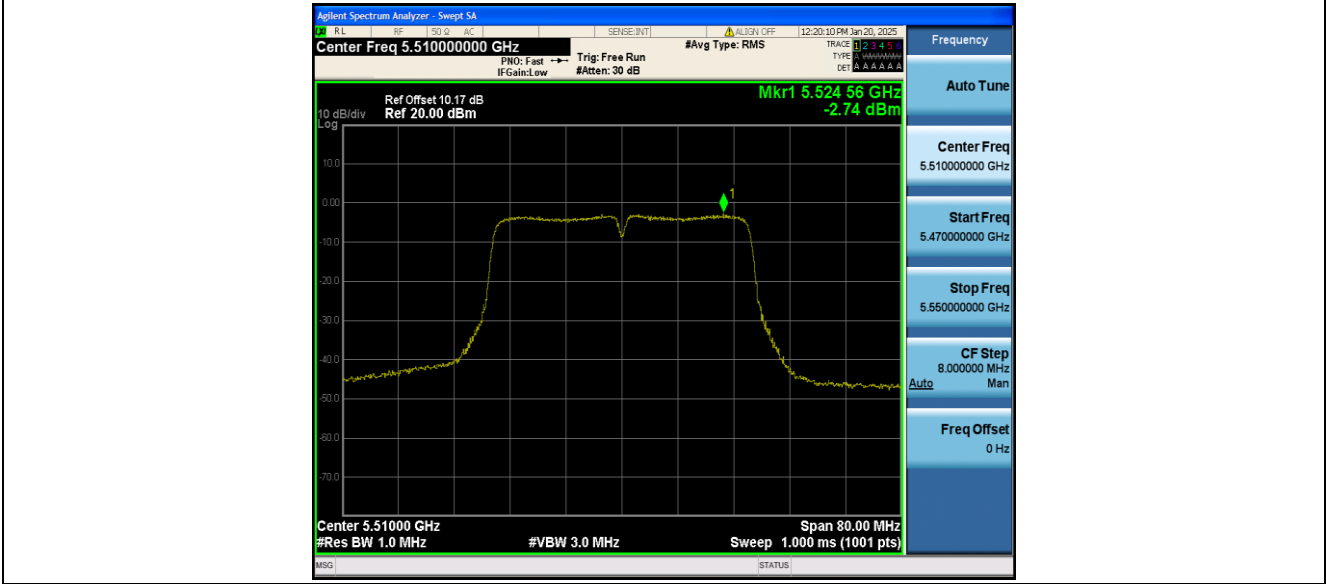
11AC40MIMO_Ant2_5310



11AC40MIMO_Ant1_5510



11AC40MIMO_Ant2_5510



11AC40MIMO_Ant1_5590



11AC40MIMO_Ant2_5590



11AC40MIMO_Ant1_5670



11AC40MIMO_Ant2_5670



11AC40MIMO_Ant1_5755



11AC40MIMO_Ant2_5755



11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795



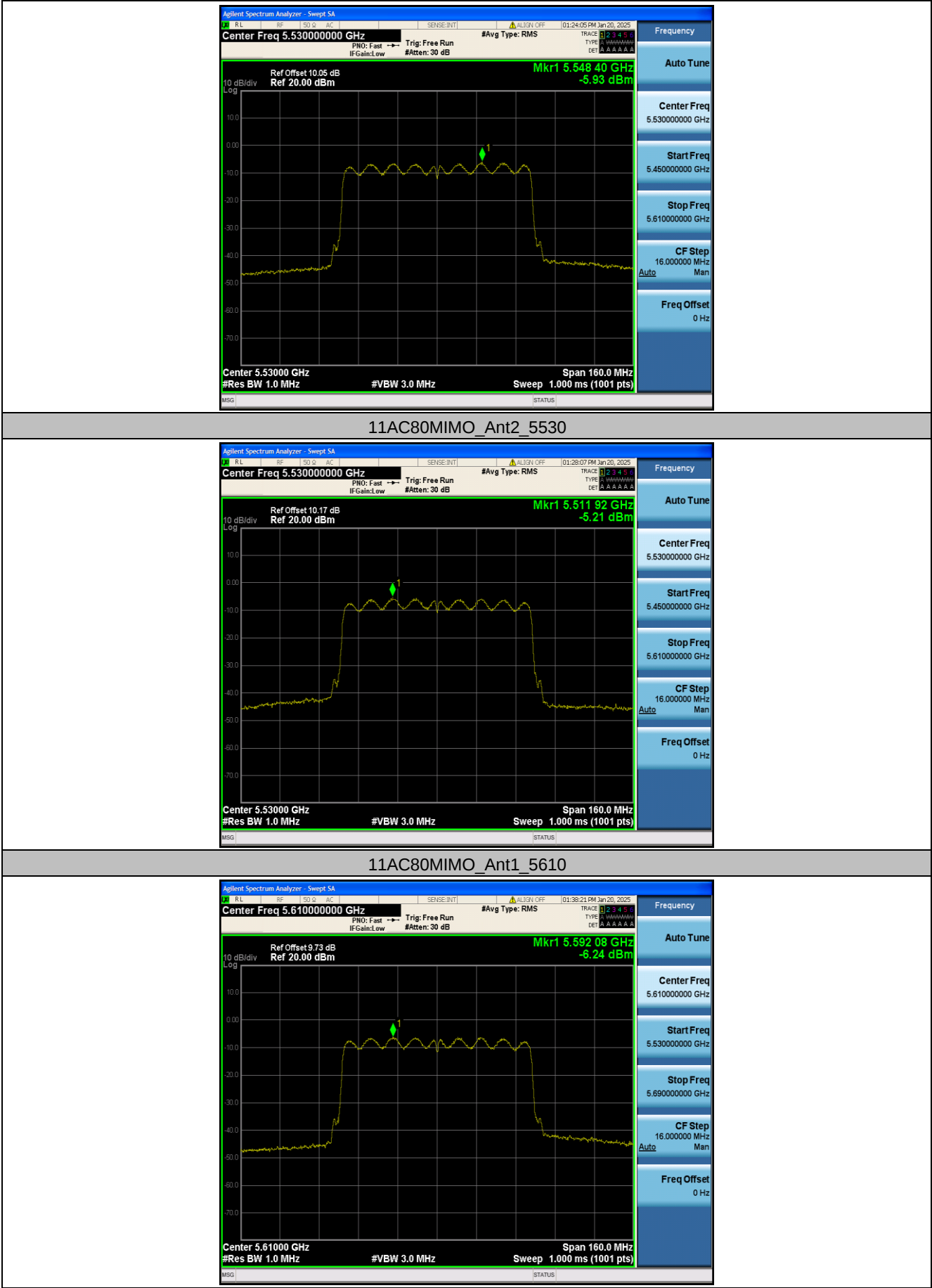
11AC80MIMO_Ant1_5290



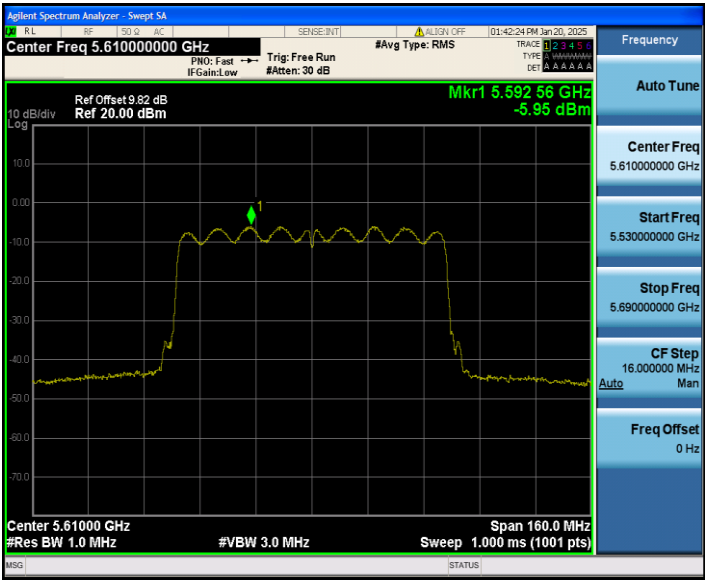
11AC80MIMO_Ant2_5290



11AC80MIMO_Ant1_5530



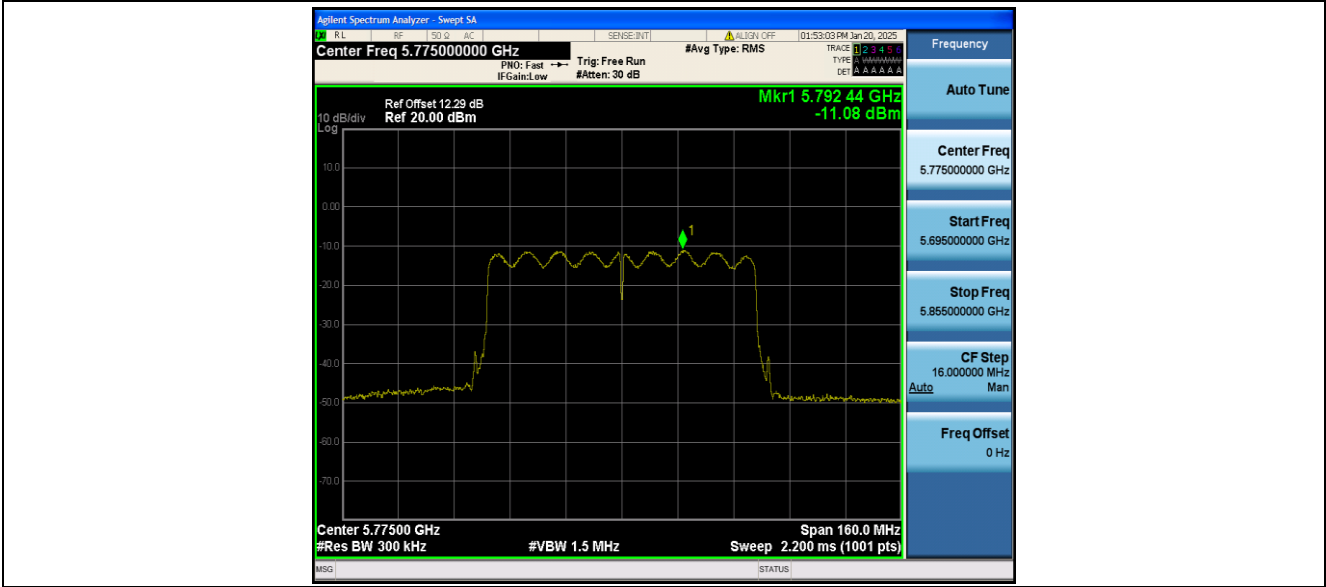
11AC80MIMO_Ant2_5610



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



11.6 Appendix D: Frequency Stability

11.6.1 Test Result

Voltage							
Test Mode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	3.861004	20	PASS
			LV	NT	3.861004	20	PASS
			HV	NT	3.861004	20	PASS
	Ant2	5180	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5220	NV	NT	3.831418	20	PASS
			LV	NT	3.831418	20	PASS
			HV	NT	3.831418	20	PASS
	Ant2	5220	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5240	NV	NT	3.816794	20	PASS
			LV	NT	3.816794	20	PASS
			HV	NT	7.633588	20	PASS
	Ant2	5240	NV	NT	-3.816794	20	PASS
			LV	NT	-7.633588	20	PASS
			HV	NT	-3.816794	20	PASS
	Ant1	5260	NV	NT	-3.802281	20	PASS
			LV	NT	-3.802281	20	PASS
			HV	NT	-7.604563	20	PASS
	Ant2	5260	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5300	NV	NT	-3.773585	20	PASS
			LV	NT	-3.773585	20	PASS
			HV	NT	-3.773585	20	PASS
	Ant2	5300	NV	NT	0.000000	20	PASS
			LV	NT	-7.547170	20	PASS
			HV	NT	-3.773585	20	PASS
	Ant1	5320	NV	NT	0.000000	20	PASS
			LV	NT	-3.759398	20	PASS
			HV	NT	-3.759398	20	PASS
	Ant2	5320	NV	NT	-3.759398	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	-3.759398	20	PASS
	Ant1	5500	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5500	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5580	NV	NT	0.000000	20	PASS

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 373 of 452

			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5580	NV	NT	0.000000	20	PASS
			LV	NT	-3.584229	20	PASS
	Ant1	5700	HV	NT	0.000000	20	PASS
			NV	NT	-7.017544	20	PASS
			LV	NT	-7.017544	20	PASS
	Ant2	5700	HV	NT	-3.508772	20	PASS
			NV	NT	-7.017544	20	PASS
			LV	NT	-3.508772	20	PASS
	Ant1	5745	HV	NT	-3.508772	20	PASS
			NV	NT	-3.481288	20	PASS
			LV	NT	-3.481288	20	PASS
	Ant2	5745	HV	NT	-3.481288	20	PASS
			NV	NT	-6.962576	20	PASS
			LV	NT	-6.962576	20	PASS
	Ant1	5785	HV	NT	-6.962576	20	PASS
			NV	NT	0.000000	20	PASS
			LV	NT	-3.457217	20	PASS
	Ant2	5785	HV	NT	0.000000	20	PASS
			NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
	Ant1	5825	HV	NT	0.000000	20	PASS
			NV	NT	0.000000	20	PASS
			LV	NT	-3.433476	20	PASS
	Ant2	5825	HV	NT	0.000000	20	PASS
			NV	NT	0.000000	20	PASS
			LV	NT	-3.433476	20	PASS
11N20MIMO	Ant1	5180	HV	NT	-6.866953	20	PASS
			NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
	Ant2	5180	HV	NT	-3.861004	20	PASS
			NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
	Ant1	5220	HV	NT	0.000000	20	PASS
			NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
	Ant2	5220	HV	NT	0.000000	20	PASS
			NV	NT	-3.831418	20	PASS
			LV	NT	0.000000	20	PASS
	Ant1	5240	HV	NT	0.000000	20	PASS
			NV	NT	-3.816794	20	PASS
			LV	NT	-3.816794	20	PASS
	Ant2	5240	HV	NT	3.816794	20	PASS
			NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
	Ant1	5260	HV	NT	0.000000	20	PASS
			NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 374 of 452

	Ant2	5260	HV	NT	0.000000	20	PASS
			NV	NT	0.000000	20	PASS
			LV	NT	-3.802281	20	PASS
			HV	NT	-3.802281	20	PASS
	Ant1	5300	NV	NT	-3.773585	20	PASS
			LV	NT	-3.773585	20	PASS
			HV	NT	3.773585	20	PASS
	Ant2	5300	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5320	NV	NT	-3.759398	20	PASS
			LV	NT	-3.759398	20	PASS
			HV	NT	-3.759398	20	PASS
	Ant2	5320	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5500	NV	NT	3.636364	20	PASS
			LV	NT	3.636364	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5500	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5580	NV	NT	0.000000	20	PASS
			LV	NT	-3.584229	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5580	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5700	NV	NT	-3.508772	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5700	NV	NT	0.000000	20	PASS
			LV	NT	-3.508772	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5745	NV	NT	-3.481288	20	PASS
			LV	NT	-3.481288	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5745	NV	NT	-3.481288	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5785	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5785	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	-3.457217	20	PASS
	Ant1	5825	NV	NT	-3.433476	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 375 of 452

	Ant2	5825	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	-3.433476	20	PASS
11N40MIMO	Ant1	5190	NV	NT	-7.707129	20	PASS
			LV	NT	-7.707129	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5190	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5230	NV	NT	-7.648184	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	-7.648184	20	PASS
	Ant2	5230	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5270	NV	NT	-7.590133	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	-7.590133	20	PASS
	Ant2	5270	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5310	NV	NT	-7.532957	20	PASS
			LV	NT	-7.532957	20	PASS
			HV	NT	-7.532957	20	PASS
	Ant2	5310	NV	NT	-7.532957	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5510	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5510	NV	NT	-7.259528	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5590	NV	NT	-7.155635	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5590	NV	NT	0.000000	20	PASS
			LV	NT	-7.155635	20	PASS
			HV	NT	-7.155635	20	PASS
	Ant1	5670	NV	NT	-7.054674	20	PASS
			LV	NT	-7.054674	20	PASS
			HV	NT	-7.054674	20	PASS
	Ant2	5670	NV	NT	-7.054674	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5755	NV	NT	-6.950478	20	PASS
			LV	NT	-6.950478	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5755	NV	NT	0.000000	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 376 of 452

			LV	NT	-6.950478	20	PASS
			HV	NT	-6.950478	20	PASS
			NV	NT	-6.902502	20	PASS
	Ant1	5795	LV	NT	-6.902502	20	PASS
			HV	NT	0.000000	20	PASS
			NV	NT	0.000000	20	PASS
	Ant2	5795	LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
			NV	NT	0.000000	20	PASS
11AC20MIMO	Ant1	5180	NV	NT	-3.861004	20	PASS
			LV	NT	-3.861004	20	PASS
			HV	NT	-7.722008	20	PASS
	Ant2	5180	NV	NT	-7.722008	20	PASS
			LV	NT	-3.861004	20	PASS
			HV	NT	-3.861004	20	PASS
	Ant1	5220	NV	NT	-3.831418	20	PASS
			LV	NT	-3.831418	20	PASS
			HV	NT	-3.831418	20	PASS
	Ant2	5220	NV	NT	-3.831418	20	PASS
			LV	NT	-3.831418	20	PASS
			HV	NT	-3.831418	20	PASS
	Ant1	5240	NV	NT	-3.816794	20	PASS
			LV	NT	-3.816794	20	PASS
			HV	NT	-7.633588	20	PASS
	Ant2	5240	NV	NT	-7.633588	20	PASS
			LV	NT	-3.816794	20	PASS
			HV	NT	-7.633588	20	PASS
	Ant1	5260	NV	NT	-3.802281	20	PASS
			LV	NT	-3.802281	20	PASS
			HV	NT	-3.802281	20	PASS
	Ant2	5260	NV	NT	-7.604563	20	PASS
			LV	NT	-7.604563	20	PASS
			HV	NT	-3.802281	20	PASS
	Ant1	5300	NV	NT	-3.773585	20	PASS
			LV	NT	-3.773585	20	PASS
			HV	NT	-7.547170	20	PASS
	Ant2	5300	NV	NT	-3.773585	20	PASS
			LV	NT	-7.547170	20	PASS
			HV	NT	-7.547170	20	PASS
	Ant1	5320	NV	NT	-3.759398	20	PASS
			LV	NT	-7.518797	20	PASS
			HV	NT	-3.759398	20	PASS
	Ant2	5320	NV	NT	-3.759398	20	PASS
			LV	NT	-3.759398	20	PASS
			HV	NT	-7.518797	20	PASS
	Ant1	5500	NV	NT	-3.636364	20	PASS
			LV	NT	-3.636364	20	PASS
			HV	NT	-7.272727	20	PASS
	Ant2	5500	NV	NT	-3.636364	20	PASS
			LV	NT	-3.636364	20	PASS

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 377 of 452

	Ant1	5580	HV	NT	-3.636364	20	PASS
			NV	NT	-7.168459	20	PASS
			LV	NT	-7.168459	20	PASS
			HV	NT	-3.584229	20	PASS
	Ant2	5580	NV	NT	-3.584229	20	PASS
			LV	NT	-3.584229	20	PASS
			HV	NT	-3.584229	20	PASS
	Ant1	5700	NV	NT	-7.017544	20	PASS
			LV	NT	-7.017544	20	PASS
			HV	NT	-7.017544	20	PASS
	Ant2	5700	NV	NT	-7.017544	20	PASS
			LV	NT	-7.017544	20	PASS
			HV	NT	-3.508772	20	PASS
	Ant1	5745	NV	NT	-3.481288	20	PASS
			LV	NT	-6.962576	20	PASS
			HV	NT	-6.962576	20	PASS
	Ant2	5745	NV	NT	-6.962576	20	PASS
			LV	NT	-3.481288	20	PASS
			HV	NT	-3.481288	20	PASS
	Ant1	5785	NV	NT	-3.457217	20	PASS
			LV	NT	-6.914434	20	PASS
			HV	NT	-3.457217	20	PASS
	Ant2	5785	NV	NT	-3.457217	20	PASS
			LV	NT	-3.457217	20	PASS
			HV	NT	-3.457217	20	PASS
	Ant1	5825	NV	NT	-3.433476	20	PASS
			LV	NT	-3.433476	20	PASS
			HV	NT	-3.433476	20	PASS
	Ant2	5825	NV	NT	-3.433476	20	PASS
			LV	NT	-3.433476	20	PASS
			HV	NT	-3.433476	20	PASS
11AC40MIMO	Ant1	5190	NV	NT	0.000000	20	PASS
			LV	NT	-7.707129	20	PASS
			HV	NT	-7.707129	20	PASS
	Ant2	5190	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5230	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5230	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	-7.648184	20	PASS
	Ant1	5270	NV	NT	0.000000	20	PASS
			LV	NT	-7.590133	20	PASS
			HV	NT	-7.590133	20	PASS
	Ant2	5270	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 378 of 452

	Ant1	5310	NV	NT	-7.532957	20	PASS
			LV	NT	-7.532957	20	PASS
			HV	NT	-7.532957	20	PASS
	Ant2	5310	NV	NT	-7.532957	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5510	NV	NT	-7.259528	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5510	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5590	NV	NT	-7.155635	20	PASS
			LV	NT	-7.155635	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5590	NV	NT	0.000000	20	PASS
			LV	NT	-7.155635	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5670	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5670	NV	NT	0.000000	20	PASS
			LV	NT	-7.054674	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5755	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5755	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5795	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5795	NV	NT	6.902502	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
11AC80MIMO	Ant1	5210	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5210	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5290	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant2	5290	NV	NT	0.000000	20	PASS
			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
	Ant1	5530	NV	NT	0.000000	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 379 of 452

			LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
			NV	NT	0.000000	20	PASS
	Ant2	5530	LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
			NV	NT	0.000000	20	PASS
	Ant1	5610	LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
			NV	NT	0.000000	20	PASS
	Ant2	5610	LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
			NV	NT	0.000000	20	PASS
	Ant1	5775	LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
			NV	NT	0.000000	20	PASS
	Ant2	5775	LV	NT	0.000000	20	PASS
			HV	NT	0.000000	20	PASS
			NV	NT	0.000000	20	PASS

Temperature							
Test Mode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	3.861004	20	PASS
			NV	-20	7.722008	20	PASS
			NV	-10	3.861004	20	PASS
			NV	0	7.722008	20	PASS
			NV	10	7.722008	20	PASS
			NV	20	7.722008	20	PASS
			NV	30	7.722008	20	PASS
			NV	40	7.722008	20	PASS
			NV	50	3.861004	20	PASS
	Ant2	5180	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	-3.861004	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant1	5220	NV	-30	3.831418	20	PASS
			NV	-20	3.831418	20	PASS
			NV	-10	3.831418	20	PASS
			NV	0	3.831418	20	PASS
			NV	10	3.831418	20	PASS
			NV	20	3.831418	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	3.831418	20	PASS
			NV	50	3.831418	20	PASS
	Ant2	5220	NV	-30	0.000000	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 380 of 452

			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	-7.662835	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	-3.831418	20	PASS
	Ant1	5240	NV	-30	3.816794	20	PASS
			NV	-20	3.816794	20	PASS
			NV	-10	3.816794	20	PASS
			NV	0	3.816794	20	PASS
			NV	10	3.816794	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	3.816794	20	PASS
			NV	40	7.633588	20	PASS
			NV	50	3.816794	20	PASS
	Ant2	5240	NV	-30	-3.816794	20	PASS
			NV	-20	-3.816794	20	PASS
			NV	-10	-3.816794	20	PASS
			NV	0	-3.816794	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	-7.633588	20	PASS
			NV	40	-7.633588	20	PASS
			NV	50	-7.633588	20	PASS
	Ant1	5260	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	-7.604563	20	PASS
			NV	0	-3.802281	20	PASS
			NV	10	-3.802281	20	PASS
			NV	20	-3.802281	20	PASS
			NV	30	-3.802281	20	PASS
			NV	40	0.000000	20	PASS
	Ant2	5260	NV	50	-3.802281	20	PASS
			NV	-30	-3.802281	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	-3.802281	20	PASS
			NV	10	-3.802281	20	PASS
			NV	20	-3.802281	20	PASS
			NV	30	-7.604563	20	PASS
	Ant1	5300	NV	40	-3.802281	20	PASS
			NV	50	-3.802281	20	PASS
			NV	-30	0.000000	20	PASS
			NV	-20	-3.773585	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	-7.547170	20	PASS
			NV	10	-3.773585	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 381 of 452

			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	-3.773585	20	PASS
	Ant2	5300	NV	-30	-3.773585	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	-3.773585	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	-3.773585	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	-3.773585	20	PASS
			NV	-30	-7.518797	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	-3.759398	20	PASS
	Ant1	5320	NV	0	-3.759398	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	-3.759398	20	PASS
			NV	30	-3.759398	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	-3.759398	20	PASS
			NV	-30	0.000000	20	PASS
			NV	-20	-3.759398	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	-3.759398	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
	Ant2	5320	NV	30	-3.759398	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
			NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	-3.636364	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant1	5500	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
			NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
	Ant2	5500	NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
			NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 382 of 452

	Ant1	5580	NV	-30	0.000000	20	PASS
			NV	-20	-3.584229	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5580	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	-3.584229	20	PASS
			NV	20	-3.584229	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant1	5700	NV	-30	-3.508772	20	PASS
			NV	-20	-7.017544	20	PASS
			NV	-10	-3.508772	20	PASS
			NV	0	-3.508772	20	PASS
			NV	10	-7.017544	20	PASS
			NV	20	-7.017544	20	PASS
			NV	30	-7.017544	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	-7.017544	20	PASS
	Ant2	5700	NV	-30	-3.508772	20	PASS
			NV	-20	-3.508772	20	PASS
			NV	-10	-3.508772	20	PASS
			NV	0	-3.508772	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	-3.508772	20	PASS
	Ant1	5745	NV	-30	0.000000	20	PASS
			NV	-20	-3.481288	20	PASS
			NV	-10	-3.481288	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	-3.481288	20	PASS
			NV	20	-3.481288	20	PASS
			NV	30	-3.481288	20	PASS
			NV	40	-3.481288	20	PASS
			NV	50	-3.481288	20	PASS
	Ant2	5745	NV	-30	-6.962576	20	PASS
			NV	-20	-6.962576	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	-6.962576	20	PASS

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 383 of 452

			NV	10	-6.962576	20	PASS
			NV	20	-3.481288	20	PASS
			NV	30	-6.962576	20	PASS
			NV	40	-6.962576	20	PASS
			NV	50	-6.962576	20	PASS
	Ant1	5785	NV	-30	-6.914434	20	PASS
			NV	-20	-3.457217	20	PASS
			NV	-10	-3.457217	20	PASS
			NV	0	-3.457217	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	-3.457217	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	-6.914434	20	PASS
	Ant2	5785	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant1	5825	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	-3.433476	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5825	NV	-30	-3.433476	20	PASS
			NV	-20	-3.433476	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	-3.433476	20	PASS
			NV	10	-3.433476	20	PASS
			NV	20	-3.433476	20	PASS
			NV	30	-6.866953	20	PASS
			NV	40	-3.433476	20	PASS
			NV	50	-3.433476	20	PASS
11N20MIMO	Ant1	5180	NV	-30	-3.861004	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	-3.861004	20	PASS
			NV	40	0.000000	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 384 of 452

			NV	50	0.000000	20	PASS
	Ant2	5180	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	-3.861004	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant1	5220	NV	-30	-3.831418	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	-3.831418	20	PASS
			NV	0	3.831418	20	PASS
			NV	10	-3.831418	20	PASS
			NV	20	-3.831418	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
	Ant2	5220	NV	50	-3.831418	20	PASS
			NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	3.831418	20	PASS
			NV	30	0.000000	20	PASS
	Ant1	5240	NV	40	3.831418	20	PASS
			NV	50	-3.831418	20	PASS
			NV	-30	-3.816794	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
	Ant2	5240	NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	-3.816794	20	PASS
	Ant1	5260	NV	-30	-3.802281	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 385 of 452

			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	-3.802281	20	PASS
			NV	40	-3.802281	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5260	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	-3.802281	20	PASS
			NV	10	3.802281	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	-3.802281	20	PASS
	Ant1	5300	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	-3.773585	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5300	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant1	5320	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	-3.759398	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5320	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 386 of 452

			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant1	5500	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	3.636364	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
			NV	-30	0.000000	20	PASS
	Ant2	5500	NV	-20	0.000000	20	PASS
			NV	-10	3.636364	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	3.636364	20	PASS
			NV	50	0.000000	20	PASS
	Ant1	5580	NV	-30	0.000000	20	PASS
			NV	-20	-3.584229	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
	Ant2	5580	NV	-30	0.000000	20	PASS
			NV	-20	-3.584229	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
	Ant1	5700	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	-3.508772	20	PASS
			NV	0	-3.508772	20	PASS
			NV	10	-3.508772	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	-3.508772	20	PASS
	Ant2	5700	NV	50	-3.508772	20	PASS
			NV	-30	-3.508772	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-20	0.000000	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 387 of 452

			NV	-10	-3.508772	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	-3.508772	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant1	5745	NV	-30	0.000000	20	PASS
			NV	-20	-3.481288	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	-3.481288	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	-3.481288	20	PASS
			NV	50	-3.481288	20	PASS
	Ant2	5745	NV	-30	0.000000	20	PASS
			NV	-20	-3.481288	20	PASS
			NV	-10	-3.481288	20	PASS
			NV	0	-3.481288	20	PASS
			NV	10	-3.481288	20	PASS
			NV	20	-3.481288	20	PASS
			NV	30	-3.481288	20	PASS
			NV	40	-3.481288	20	PASS
	Ant1	5785	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	-3.457217	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	-3.457217	20	PASS
	Ant2	5785	NV	-30	0.000000	20	PASS
			NV	-20	3.457217	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	-3.457217	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
	Ant1	5825	NV	-30	0.000000	20	PASS
			NV	-20	3.433476	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS

	Ant2	5825	NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
			NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
			NV	50	0.000000	20	PASS
11N40MIMO	Ant1	5190	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5190	NV	-30	-7.707129	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	-7.707129	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	-7.707129	20	PASS
	Ant1	5230	NV	-30	-7.648184	20	PASS
			NV	-20	-7.648184	20	PASS
			NV	-10	-7.648184	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	-7.648184	20	PASS
			NV	20	-7.648184	20	PASS
			NV	30	-7.648184	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	-7.648184	20	PASS
	Ant2	5230	NV	-30	0.000000	20	PASS
			NV	-20	-7.648184	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	-7.648184	20	PASS
			NV	20	-7.648184	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant1	5270	NV	-30	0.000000	20	PASS

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 389 of 452

			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	-7.590133	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5270	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	-7.590133	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant1	5310	NV	-30	0.000000	20	PASS
			NV	-20	-7.532957	20	PASS
			NV	-10	-7.532957	20	PASS
			NV	0	-7.532957	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5310	NV	-30	0.000000	20	PASS
			NV	-20	-7.532957	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	-7.532957	20	PASS
			NV	10	-7.532957	20	PASS
			NV	20	-7.532957	20	PASS
			NV	30	-7.532957	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant1	5510	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	-7.259528	20	PASS
	Ant2	5510	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 390 of 452

			NV	20	0.000000	20	PASS		
			NV	30	0.000000	20	PASS		
			NV	40	0.000000	20	PASS		
			NV	50	0.000000	20	PASS		
	Ant1	5590	NV	-30	0.000000	20	PASS		
			NV	-20	0.000000	20	PASS		
			NV	-10	-7.155635	20	PASS		
			NV	0	0.000000	20	PASS		
			NV	10	0.000000	20	PASS		
			NV	20	0.000000	20	PASS		
			NV	30	0.000000	20	PASS		
			NV	40	0.000000	20	PASS		
			NV	50	-7.155635	20	PASS		
			Ant2	5590	NV	-30	-7.155635	20	PASS
					NV	-20	0.000000	20	PASS
					NV	-10	-7.155635	20	PASS
	NV	0			0.000000	20	PASS		
	NV	10			0.000000	20	PASS		
	NV	20			0.000000	20	PASS		
	NV	30			0.000000	20	PASS		
	NV	40			-7.155635	20	PASS		
	Ant1	5670	NV	50	-7.155635	20	PASS		
			NV	-30	0.000000	20	PASS		
			NV	-20	-7.054674	20	PASS		
			NV	-10	0.000000	20	PASS		
			NV	0	-7.054674	20	PASS		
			NV	10	-7.054674	20	PASS		
			NV	20	-7.054674	20	PASS		
			NV	30	-7.054674	20	PASS		
	Ant2	5670	NV	40	0.000000	20	PASS		
			NV	50	-7.054674	20	PASS		
			NV	-30	0.000000	20	PASS		
			NV	-20	0.000000	20	PASS		
			NV	-10	-7.054674	20	PASS		
			NV	0	-7.054674	20	PASS		
			NV	10	-7.054674	20	PASS		
			NV	20	0.000000	20	PASS		
			NV	30	0.000000	20	PASS		
	Ant1	5755	NV	40	-7.054674	20	PASS		
			NV	50	-7.054674	20	PASS		
NV			-30	-6.950478	20	PASS			
NV			-20	-6.950478	20	PASS			
NV			-10	0.000000	20	PASS			
NV			0	-6.950478	20	PASS			
NV			10	0.000000	20	PASS			
NV			20	-6.950478	20	PASS			
NV			30	0.000000	20	PASS			
NV	40	-6.950478	20	PASS					
NV	50	-6.950478	20	PASS					

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 391 of 452

	Ant2	5755	NV	-30	-6.950478	20	PASS
			NV	-20	-6.950478	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	-6.950478	20	PASS
			NV	10	-6.950478	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	-6.950478	20	PASS
			NV	50	-6.950478	20	PASS
	Ant1	5795	NV	-30	-6.902502	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	-6.902502	20	PASS
			NV	10	-6.902502	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	-6.902502	20	PASS
			NV	50	-6.902502	20	PASS
	Ant2	5795	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	-6.902502	20	PASS
			NV	20	-6.902502	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	-6.902502	20	PASS
11AC20MIMO	Ant1	5180	NV	-30	-3.861004	20	PASS
			NV	-20	-3.861004	20	PASS
			NV	-10	-3.861004	20	PASS
			NV	0	-3.861004	20	PASS
			NV	10	-7.722008	20	PASS
			NV	20	-3.861004	20	PASS
			NV	30	-7.722008	20	PASS
			NV	40	-3.861004	20	PASS
			NV	50	-3.861004	20	PASS
	Ant2	5180	NV	-30	-3.861004	20	PASS
			NV	-20	-7.722008	20	PASS
			NV	-10	-3.861004	20	PASS
			NV	0	-7.722008	20	PASS
			NV	10	-3.861004	20	PASS
			NV	20	-7.722008	20	PASS
			NV	30	-3.861004	20	PASS
			NV	40	-7.722008	20	PASS
			NV	50	-3.861004	20	PASS
	Ant1	5220	NV	-30	-7.662835	20	PASS
			NV	-20	-3.831418	20	PASS
			NV	-10	-7.662835	20	PASS
			NV	0	-3.831418	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 392 of 452

			NV	10	-3.831418	20	PASS
			NV	20	-3.831418	20	PASS
			NV	30	-7.662835	20	PASS
			NV	40	-3.831418	20	PASS
			NV	50	-3.831418	20	PASS
	Ant2	5220	NV	-30	-3.831418	20	PASS
			NV	-20	-7.662835	20	PASS
			NV	-10	-3.831418	20	PASS
			NV	0	-3.831418	20	PASS
			NV	10	-7.662835	20	PASS
			NV	20	-3.831418	20	PASS
			NV	30	-3.831418	20	PASS
			NV	40	-3.831418	20	PASS
			NV	50	-7.662835	20	PASS
	Ant1	5240	NV	-30	-3.816794	20	PASS
			NV	-20	-7.633588	20	PASS
			NV	-10	-3.816794	20	PASS
			NV	0	-3.816794	20	PASS
			NV	10	-7.633588	20	PASS
			NV	20	-3.816794	20	PASS
			NV	30	-3.816794	20	PASS
			NV	40	-7.633588	20	PASS
			NV	50	-3.816794	20	PASS
	Ant2	5240	NV	-30	-3.816794	20	PASS
			NV	-20	-7.633588	20	PASS
			NV	-10	-7.633588	20	PASS
			NV	0	-3.816794	20	PASS
			NV	10	-7.633588	20	PASS
			NV	20	-3.816794	20	PASS
			NV	30	-3.816794	20	PASS
			NV	40	-3.816794	20	PASS
			NV	50	-7.633588	20	PASS
	Ant1	5260	NV	-30	-7.604563	20	PASS
			NV	-20	-3.802281	20	PASS
			NV	-10	-7.604563	20	PASS
			NV	0	-3.802281	20	PASS
			NV	10	-7.604563	20	PASS
			NV	20	-3.802281	20	PASS
			NV	30	-3.802281	20	PASS
			NV	40	-3.802281	20	PASS
			NV	50	-3.802281	20	PASS
	Ant2	5260	NV	-30	-3.802281	20	PASS
			NV	-20	-3.802281	20	PASS
			NV	-10	-3.802281	20	PASS
			NV	0	-3.802281	20	PASS
			NV	10	-3.802281	20	PASS
			NV	20	-3.802281	20	PASS
			NV	30	-3.802281	20	PASS
			NV	40	-7.604563	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 393 of 452

			NV	50	-3.802281	20	PASS
	Ant1	5300	NV	-30	-3.773585	20	PASS
			NV	-20	-3.773585	20	PASS
			NV	-10	-3.773585	20	PASS
			NV	0	-7.547170	20	PASS
			NV	10	-3.773585	20	PASS
			NV	20	-3.773585	20	PASS
			NV	30	-7.547170	20	PASS
			NV	40	-7.547170	20	PASS
			NV	50	-3.773585	20	PASS
	Ant2	5300	NV	-30	-7.547170	20	PASS
			NV	-20	-3.773585	20	PASS
			NV	-10	-7.547170	20	PASS
			NV	0	-3.773585	20	PASS
			NV	10	-7.547170	20	PASS
			NV	20	-7.547170	20	PASS
			NV	30	-3.773585	20	PASS
			NV	40	-7.547170	20	PASS
			NV	50	-7.547170	20	PASS
	Ant1	5320	NV	-30	-3.759398	20	PASS
			NV	-20	-7.518797	20	PASS
			NV	-10	-7.518797	20	PASS
			NV	0	-7.518797	20	PASS
			NV	10	-7.518797	20	PASS
			NV	20	-3.759398	20	PASS
			NV	30	-7.518797	20	PASS
			NV	40	-7.518797	20	PASS
			NV	50	-3.759398	20	PASS
	Ant2	5320	NV	-30	-3.759398	20	PASS
			NV	-20	-7.518797	20	PASS
			NV	-10	-3.759398	20	PASS
			NV	0	-3.759398	20	PASS
			NV	10	-3.759398	20	PASS
			NV	20	-3.759398	20	PASS
			NV	30	-7.518797	20	PASS
			NV	40	-7.518797	20	PASS
			NV	50	-3.759398	20	PASS
	Ant1	5500	NV	-30	-3.636364	20	PASS
			NV	-20	-3.636364	20	PASS
			NV	-10	-3.636364	20	PASS
			NV	0	-7.272727	20	PASS
			NV	10	-3.636364	20	PASS
			NV	20	-3.636364	20	PASS
			NV	30	-3.636364	20	PASS
			NV	40	-3.636364	20	PASS
			NV	50	-3.636364	20	PASS
	Ant2	5500	NV	-30	-3.636364	20	PASS
			NV	-20	-3.636364	20	PASS
			NV	-10	-3.636364	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 394 of 452

			NV	0	-3.636364	20	PASS
			NV	10	-7.272727	20	PASS
			NV	20	-3.636364	20	PASS
			NV	30	-3.636364	20	PASS
			NV	40	-3.636364	20	PASS
			NV	50	-3.636364	20	PASS
	Ant1	5580	NV	-30	-3.584229	20	PASS
			NV	-20	-3.584229	20	PASS
			NV	-10	-7.168459	20	PASS
			NV	0	-3.584229	20	PASS
			NV	10	-3.584229	20	PASS
			NV	20	-3.584229	20	PASS
			NV	30	-7.168459	20	PASS
			NV	40	-7.168459	20	PASS
	Ant2	5580	NV	50	-3.584229	20	PASS
			NV	-30	-3.584229	20	PASS
			NV	-20	-3.584229	20	PASS
			NV	-10	-7.168459	20	PASS
			NV	0	-3.584229	20	PASS
			NV	10	-3.584229	20	PASS
			NV	20	-7.168459	20	PASS
			NV	30	-3.584229	20	PASS
	Ant1	5700	NV	40	-7.168459	20	PASS
			NV	50	-3.584229	20	PASS
			NV	-30	-3.508772	20	PASS
			NV	-20	-3.508772	20	PASS
			NV	-10	-3.508772	20	PASS
			NV	0	-3.508772	20	PASS
			NV	10	-3.508772	20	PASS
			NV	20	-3.508772	20	PASS
	Ant2	5700	NV	30	-7.017544	20	PASS
			NV	40	-3.508772	20	PASS
			NV	50	-7.017544	20	PASS
			NV	-30	-3.508772	20	PASS
			NV	-20	-7.017544	20	PASS
			NV	-10	-7.017544	20	PASS
			NV	0	-7.017544	20	PASS
			NV	10	-3.508772	20	PASS
	Ant1	5745	NV	20	-3.508772	20	PASS
			NV	30	-3.508772	20	PASS
			NV	40	-3.508772	20	PASS
			NV	50	-3.508772	20	PASS
			NV	-30	-3.481288	20	PASS
			NV	-20	-6.962576	20	PASS
			NV	-10	-6.962576	20	PASS
			NV	0	-3.481288	20	PASS
			NV	10	-6.962576	20	PASS
			NV	20	-3.481288	20	PASS
			NV	30	-3.481288	20	PASS
			NV				

			NV	40	-6.962576	20	PASS
			NV	50	-3.481288	20	PASS
	Ant2	5745	NV	-30	-3.481288	20	PASS
			NV	-20	-3.481288	20	PASS
			NV	-10	-6.962576	20	PASS
			NV	0	-3.481288	20	PASS
			NV	10	-3.481288	20	PASS
			NV	20	-6.962576	20	PASS
			NV	30	-3.481288	20	PASS
			NV	40	-3.481288	20	PASS
			NV	50	-6.962576	20	PASS
	Ant1	5785	NV	-30	-6.914434	20	PASS
			NV	-20	-3.457217	20	PASS
			NV	-10	-6.914434	20	PASS
			NV	0	-3.457217	20	PASS
			NV	10	-3.457217	20	PASS
			NV	20	-3.457217	20	PASS
			NV	30	-6.914434	20	PASS
			NV	40	-3.457217	20	PASS
			NV	50	-6.914434	20	PASS
	Ant2	5785	NV	-30	-3.457217	20	PASS
			NV	-20	-3.457217	20	PASS
			NV	-10	-3.457217	20	PASS
			NV	0	-3.457217	20	PASS
			NV	10	-3.457217	20	PASS
			NV	20	-6.914434	20	PASS
			NV	30	-3.457217	20	PASS
			NV	40	-6.914434	20	PASS
			NV	50	-6.914434	20	PASS
	Ant1	5825	NV	-30	-3.433476	20	PASS
			NV	-20	-3.433476	20	PASS
			NV	-10	-3.433476	20	PASS
			NV	0	-3.433476	20	PASS
			NV	10	-3.433476	20	PASS
			NV	20	-3.433476	20	PASS
			NV	30	-3.433476	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5825	NV	-30	-3.433476	20	PASS
			NV	-20	-3.433476	20	PASS
			NV	-10	-3.433476	20	PASS
			NV	0	-3.433476	20	PASS
			NV	10	-3.433476	20	PASS
			NV	20	-3.433476	20	PASS
			NV	30	-3.433476	20	PASS
			NV	40	-3.433476	20	PASS
			NV	50	-3.433476	20	PASS
11AC40MIMO	Ant1	5190	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 396 of 452

			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	-7.707129	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5190	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	-7.707129	20	PASS
			NV	50	-7.707129	20	PASS
	Ant1	5230	NV	-30	0.000000	20	PASS
			NV	-20	-7.648184	20	PASS
			NV	-10	-7.648184	20	PASS
			NV	0	-7.648184	20	PASS
			NV	10	-7.648184	20	PASS
			NV	20	-7.648184	20	PASS
			NV	30	-7.648184	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	-7.648184	20	PASS
	Ant2	5230	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	-7.648184	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant1	5270	NV	-30	0.000000	20	PASS
			NV	-20	-7.590133	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	-7.590133	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	-7.590133	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5270	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	-7.590133	20	PASS
			NV	20	0.000000	20	PASS

			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant1	5310	NV	-30	0.000000	20	PASS
			NV	-20	-7.532957	20	PASS
			NV	-10	-7.532957	20	PASS
			NV	0	-7.532957	20	PASS
			NV	10	-7.532957	20	PASS
			NV	20	-7.532957	20	PASS
			NV	30	-7.532957	20	PASS
			NV	40	-7.532957	20	PASS
			NV	50	0.000000	20	PASS
			NV	-30	-7.532957	20	PASS
			NV	-20	-7.532957	20	PASS
			NV	-10	0.000000	20	PASS
	Ant2	5310	NV	0	-7.532957	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	-7.532957	20	PASS
			NV	30	-7.532957	20	PASS
			NV	40	-7.532957	20	PASS
			NV	50	-7.532957	20	PASS
		5510	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5510	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
		5590	NV	-30	0.000000	20	PASS
			NV	-20	-7.155635	20	PASS
			NV	-10	-7.155635	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5590	NV	-30	0.000000	20	PASS
			NV	-30	0.000000	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 398 of 452

			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	-7.155635	20	PASS
			NV	10	-7.155635	20	PASS
			NV	20	-7.155635	20	PASS
			NV	30	-7.155635	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	-7.155635	20	PASS
	Ant1	5670	NV	-30	-7.054674	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	-7.054674	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	-7.054674	20	PASS
			NV	20	-7.054674	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	-7.054674	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5670	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	-7.054674	20	PASS
			NV	30	-7.054674	20	PASS
			NV	40	-7.054674	20	PASS
			NV	50	-7.054674	20	PASS
	Ant1	5755	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
	Ant2	5755	NV	50	0.000000	20	PASS
			NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
	Ant1	5795	NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
			NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
	Ant2	5795	NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
	Ant1	5795	NV	50	0.000000	20	PASS
			NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
	Ant2	5795	NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 399 of 452

			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5795	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
11AC80MIMO	Ant1	5210	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
	Ant2	5210	NV	50	0.000000	20	PASS
			NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
	Ant1	5290	NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
			NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
	Ant2	5290	NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
			NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 400 of 452

	Ant1	5530	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5530	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant1	5610	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5610	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant1	5775	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS
			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS
	Ant2	5775	NV	-30	0.000000	20	PASS
			NV	-20	0.000000	20	PASS
			NV	-10	0.000000	20	PASS
			NV	0	0.000000	20	PASS



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

SHEM-TRF-001 Rev. 02 Sep01, 2023

Report No.: SHCR250100004302

Page: 401 of 452

			NV	10	0.000000	20	PASS
			NV	20	0.000000	20	PASS
			NV	30	0.000000	20	PASS
			NV	40	0.000000	20	PASS
			NV	50	0.000000	20	PASS