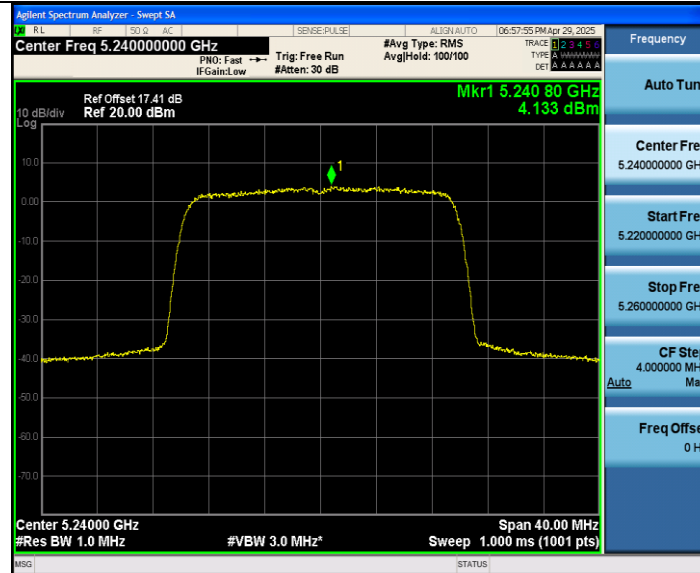
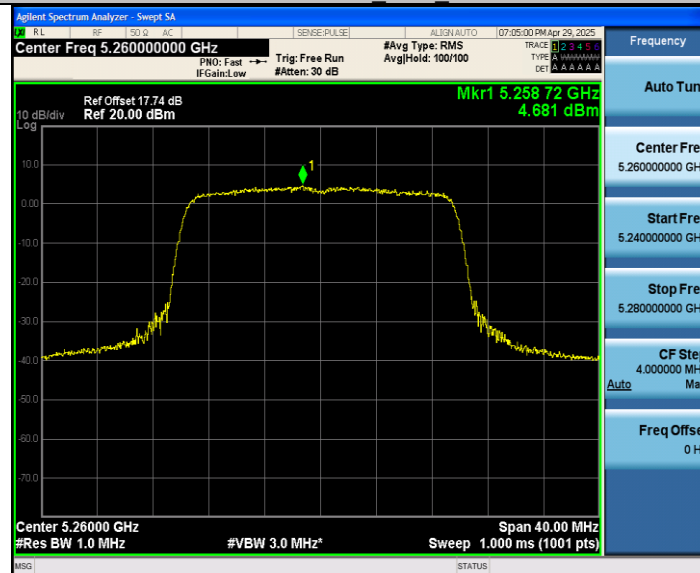
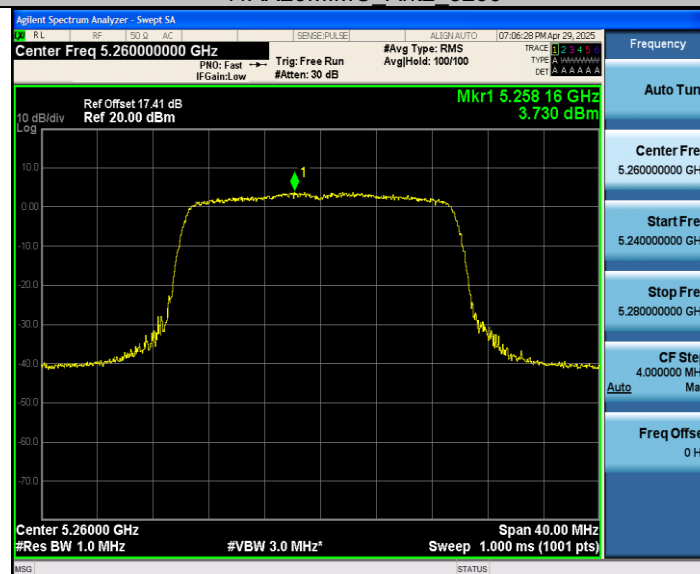




11AX20MIMO_Ant1_5260



11AX20MIMO_Ant2_5260



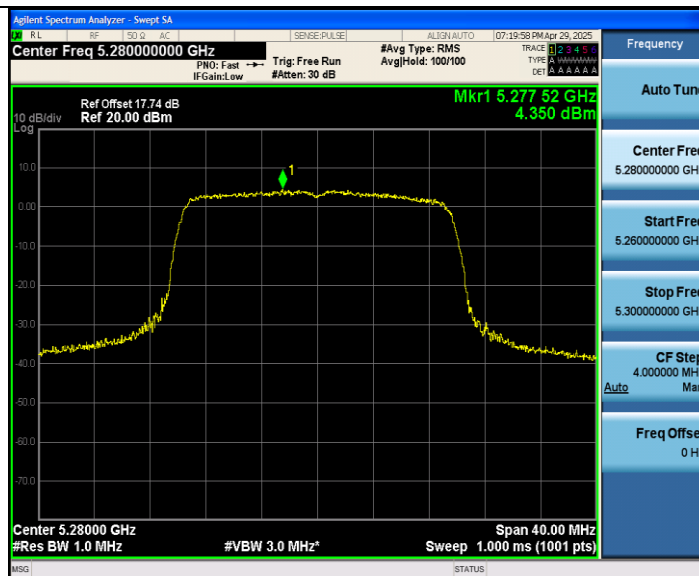
11AX20MIMO_Ant1_5280

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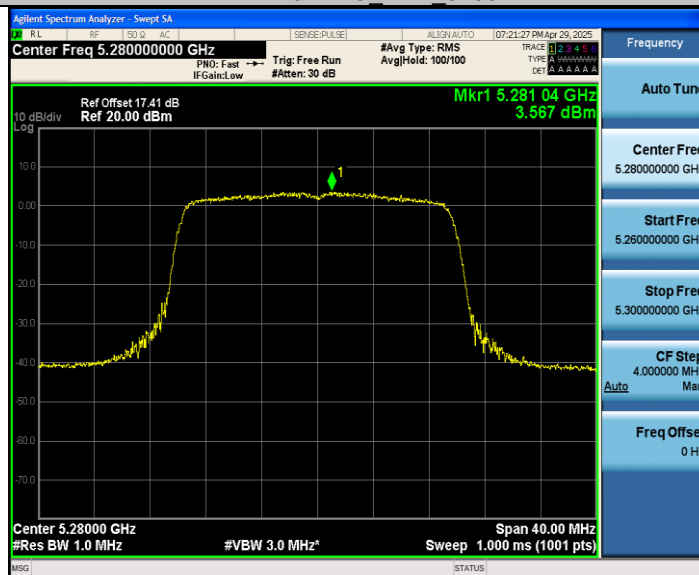
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11AX20MIMO Ant2 5280



11AX20MIMO Ant1 5320



11AX20MIMO Ant2 5320

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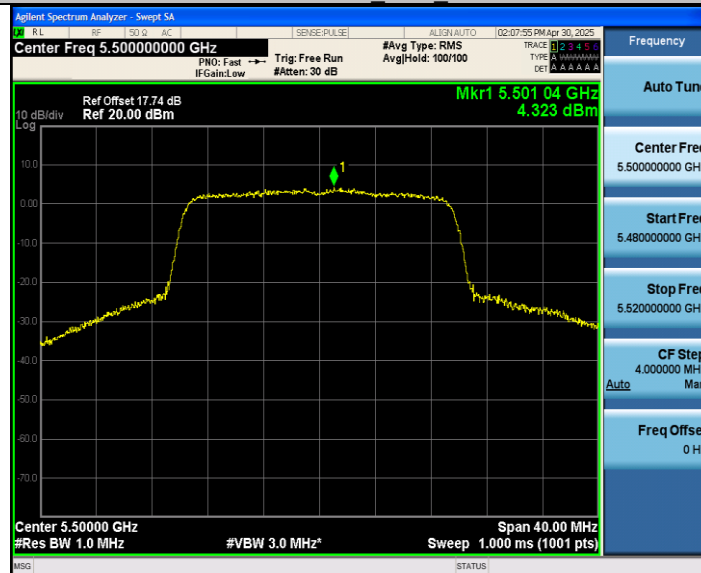
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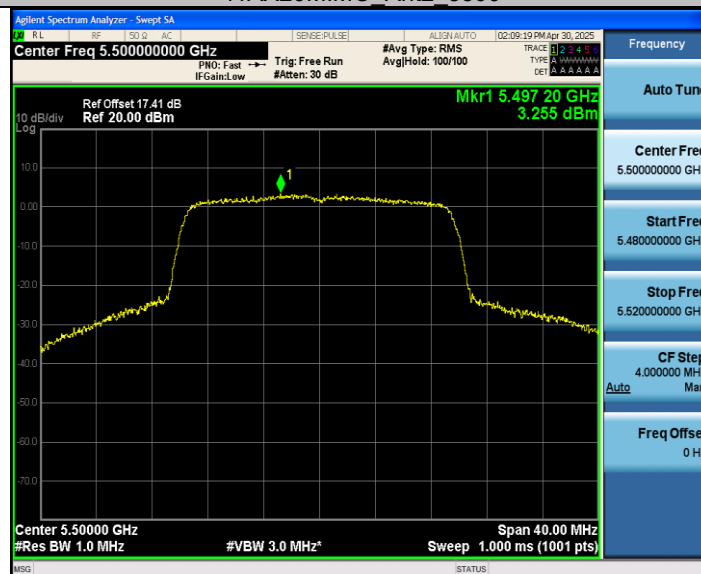
TRF No: CTC-TR-062_A2



11AX20MIMO Ant1 5500



11AX20MIMO Ant2 5500



11AX20MIMO Ant1 5580

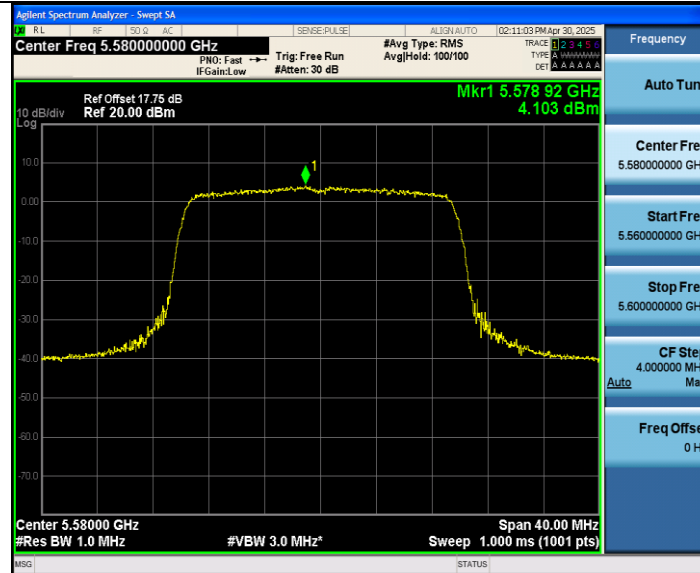
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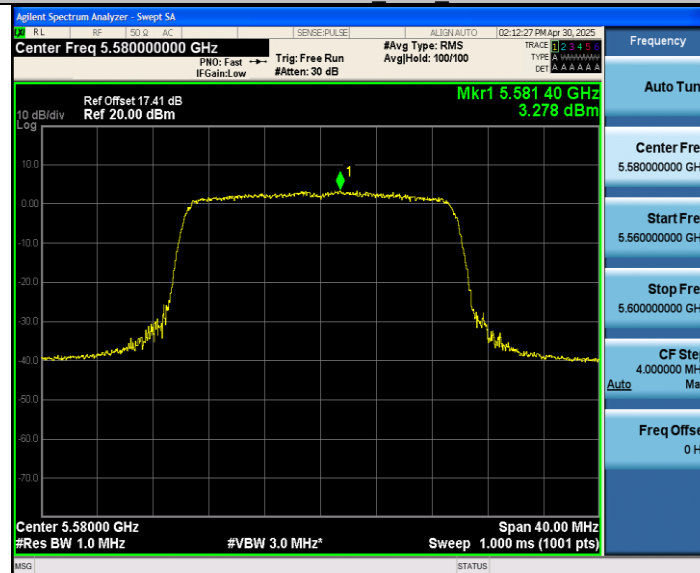
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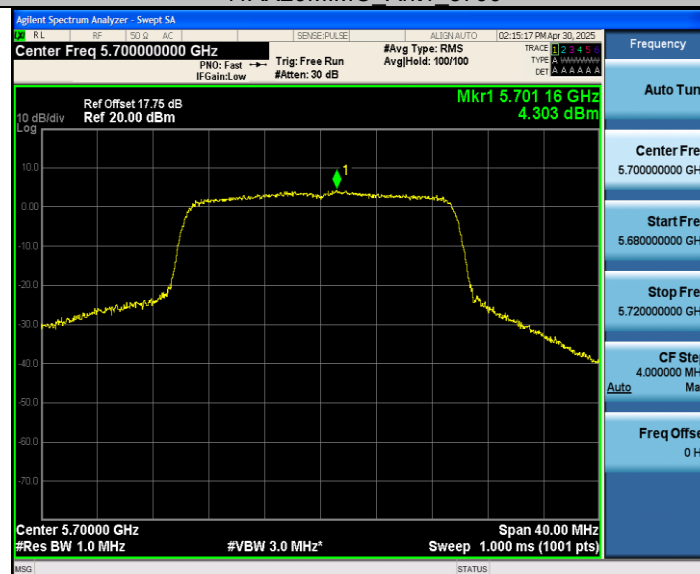
TRF No: CTC-TR-062_A2



11AX20MIMO_Ant2_5580



11AX20MIMO_Ant1_5700



11AX20MIMO_Ant2_5700

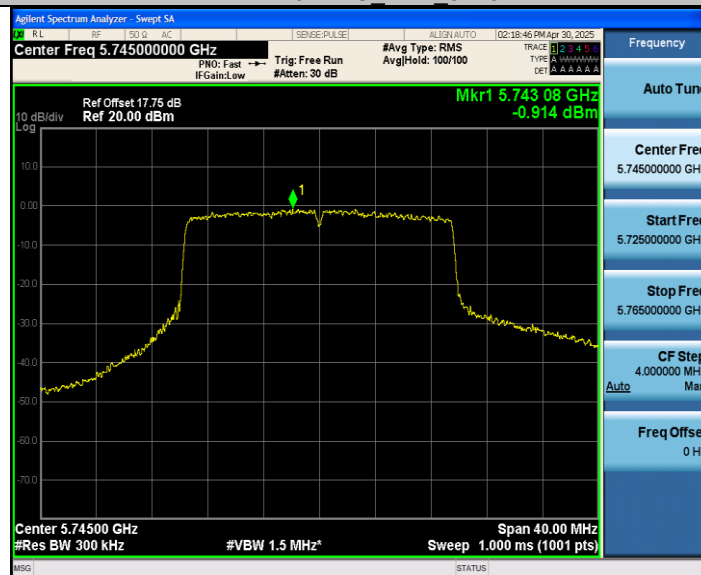
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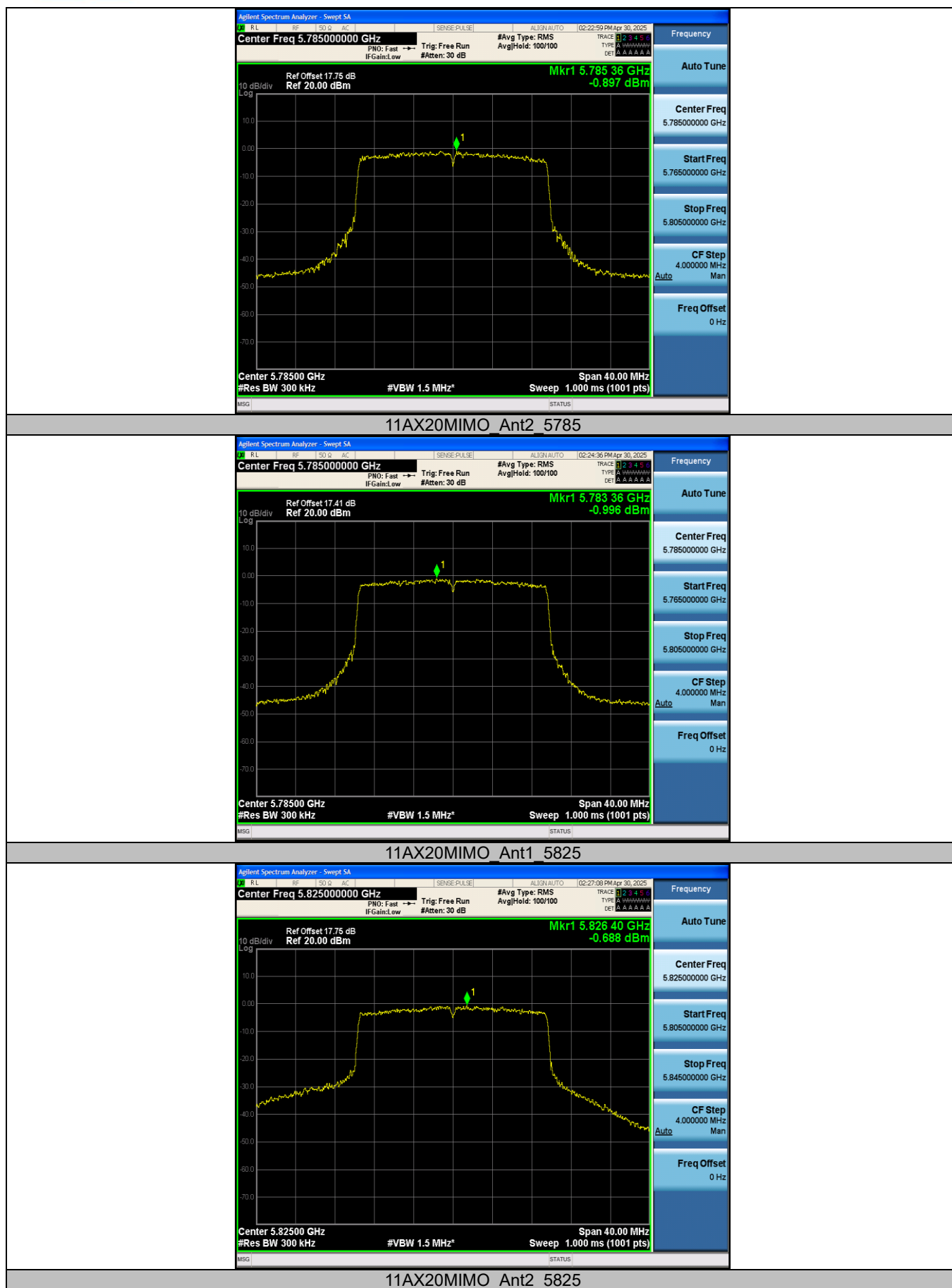


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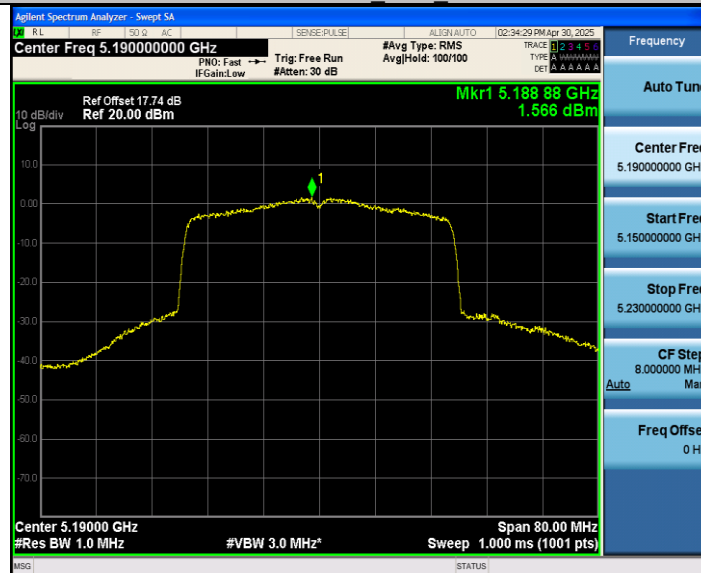
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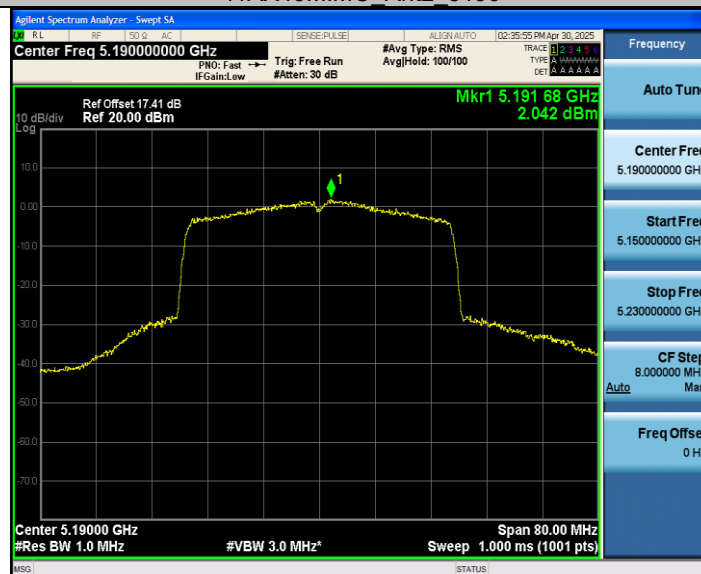
TRF No: CTC-TR-062_A2



11AX40MIMO_Ant1_5190



11AX40MIMO_Ant2_5190



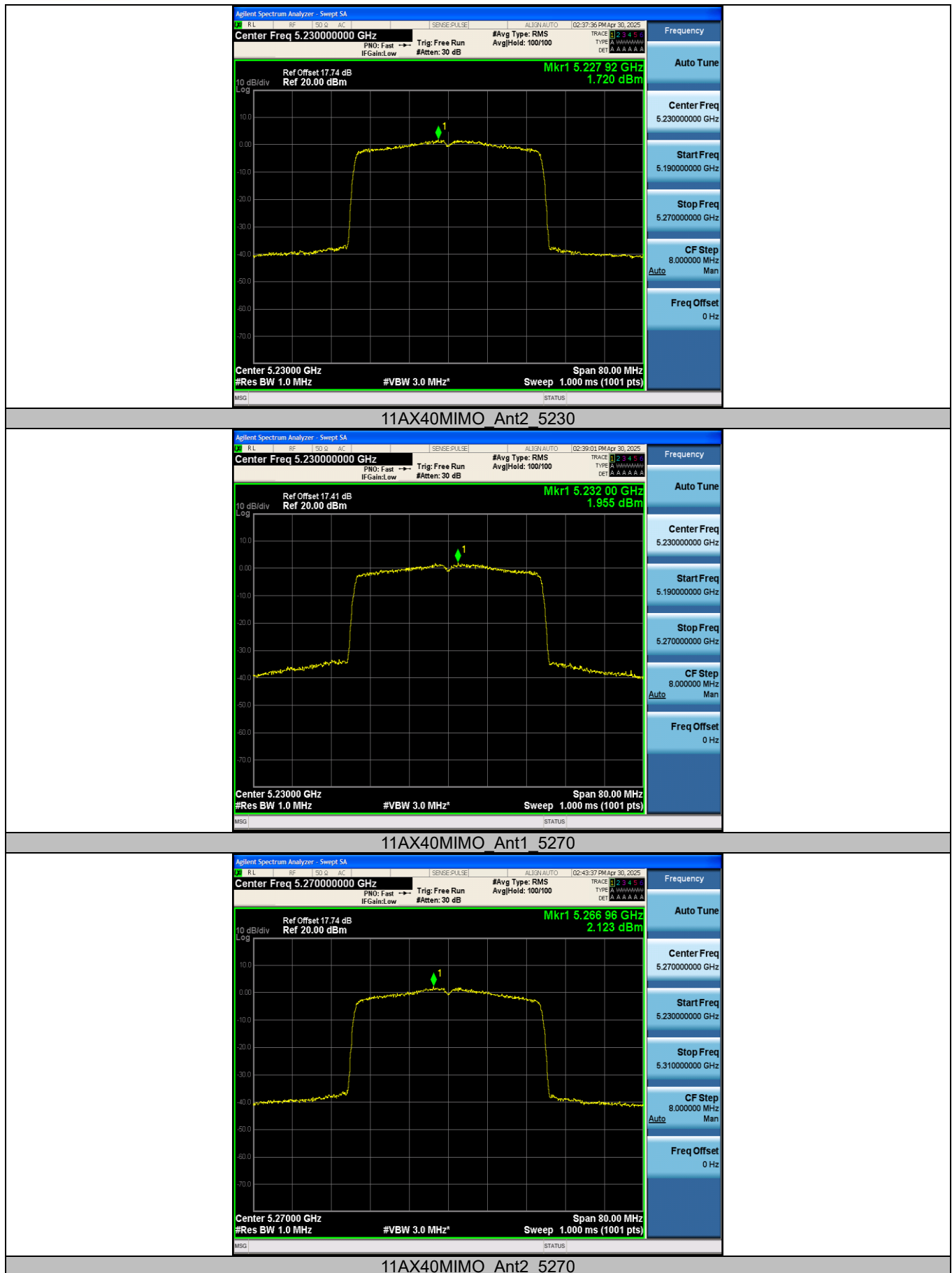
11AX40MIMO_Ant1_5230

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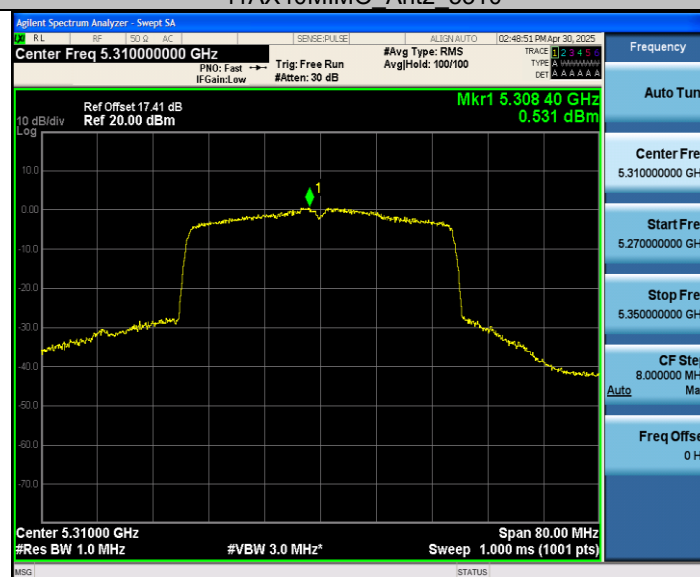
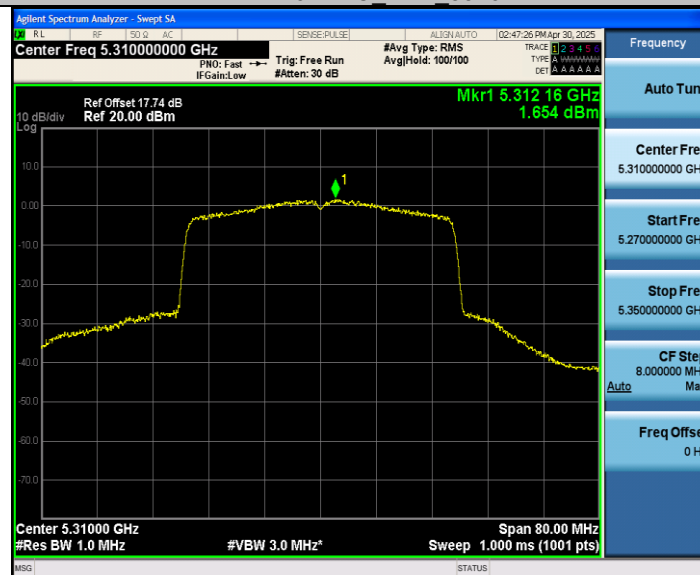
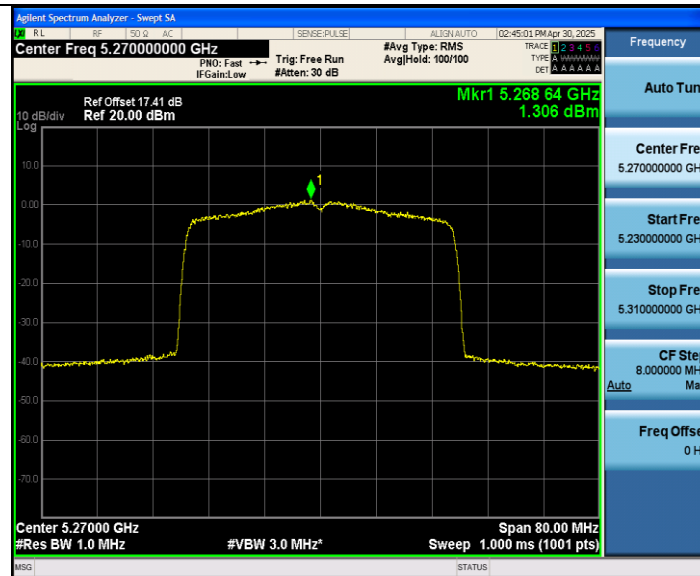
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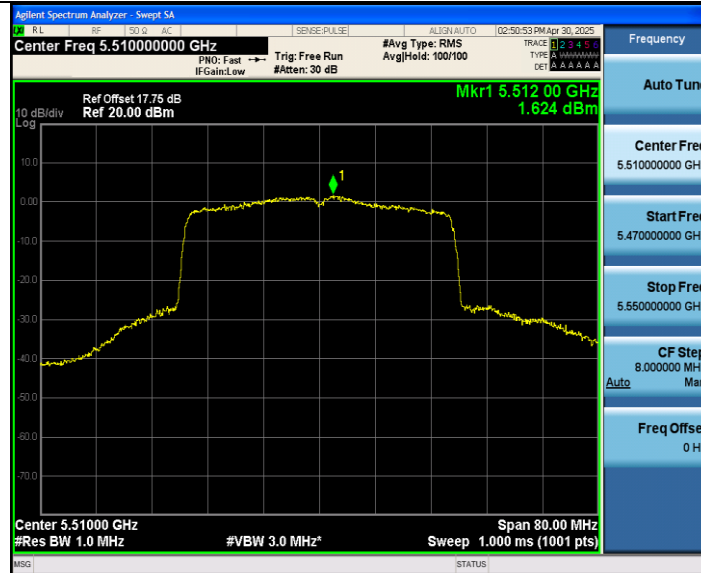
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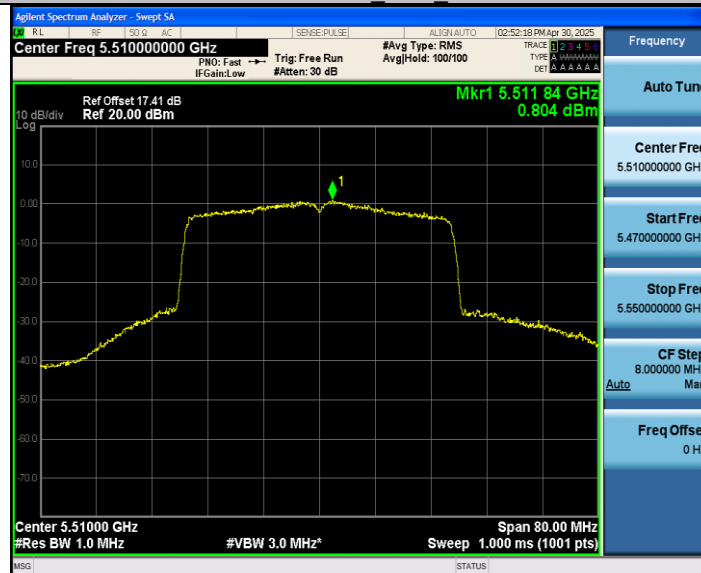
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TRF No: CTC-TR-062_A2

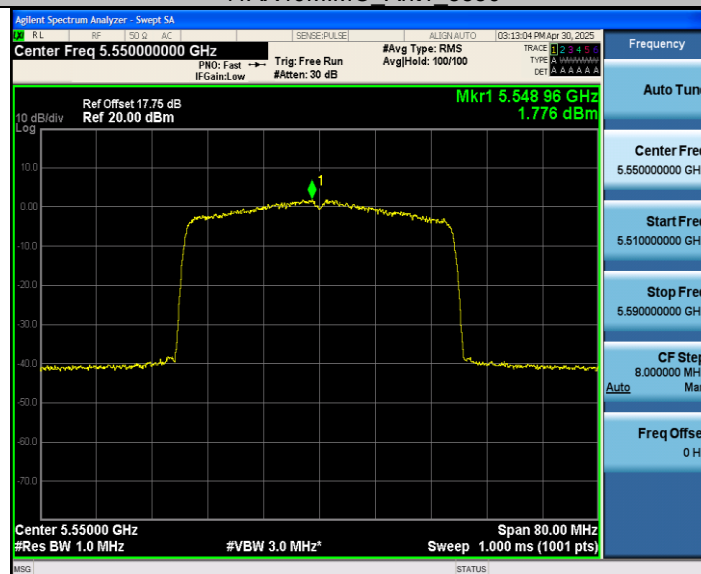
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11AX40MIMO_Ant2_5510



11AX40MIMO_Ant1_5550



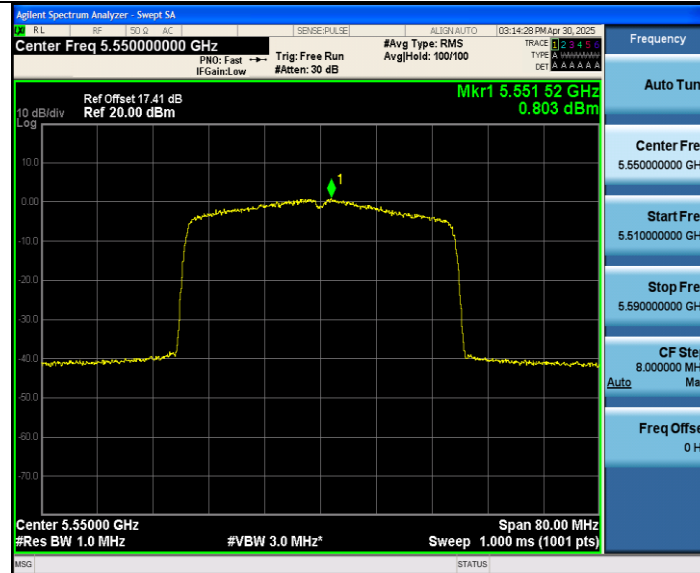
11AX40MIMO_Ant2_5550

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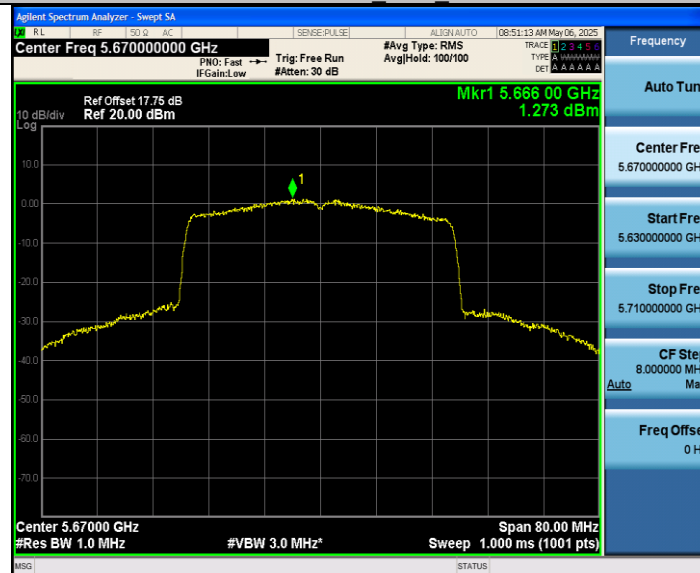
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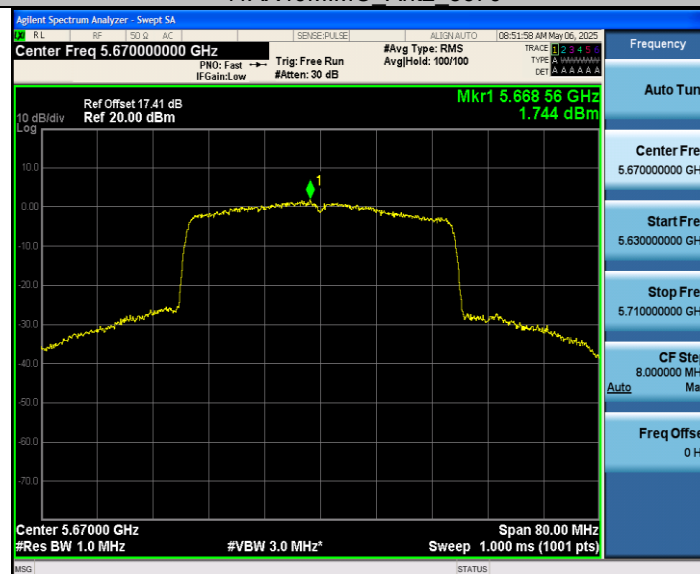
TRF No: CTC-TR-062_A2



11AX40MIMO_Ant1_5670



11AX40MIMO_Ant2_5670



11AX40MIMO_Ant1_5755

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11AX40MIMO_Ant2_5755



11AX40MIMO_Ant1_5795



11AX40MIMO_Ant2_5795

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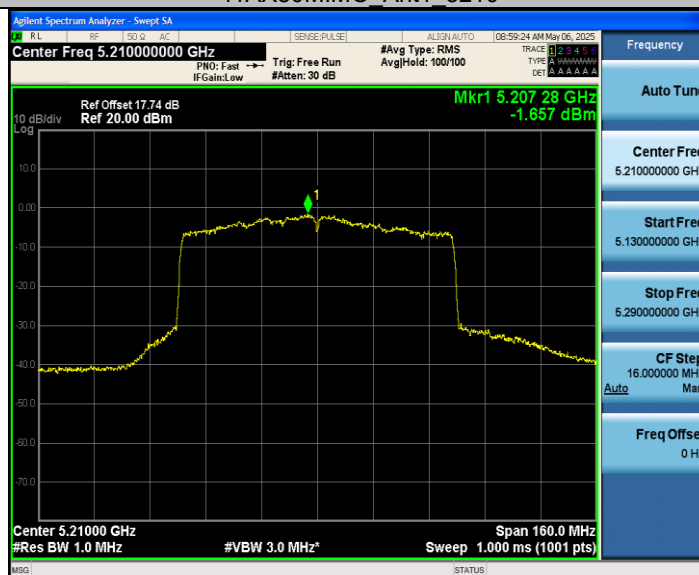
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11AX80MIMO_Ant1_5210



11AX80MIMO_Ant2_5210



11AX80MIMO_Ant1_5290

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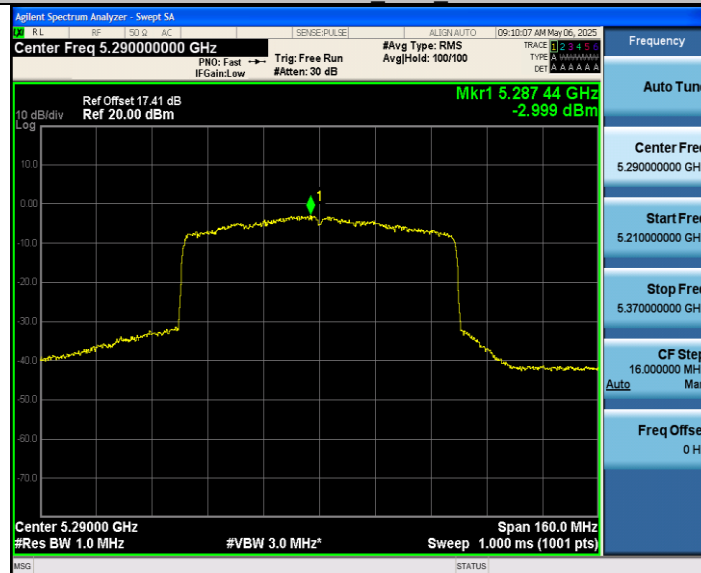
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11AX80MIMO Ant2 5290



11AX80MIMO Ant1 5530



11AX80MIMO Ant2 5530

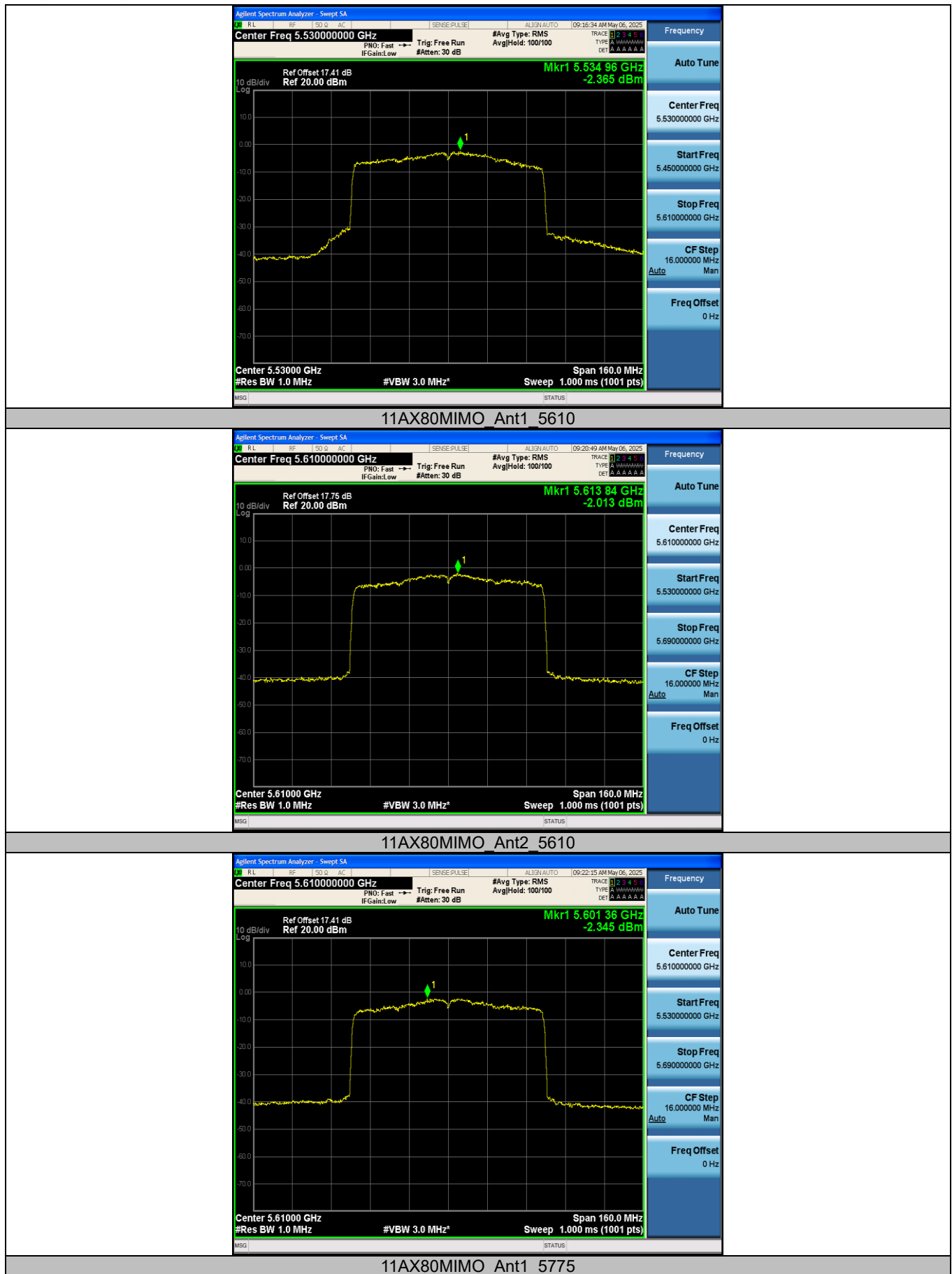
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11AX80MIMO_Ant2_5775



11AX160MIMO_Ant1_5250_UNII-1



11AX160MIMO_Ant2_5250_UNII-1

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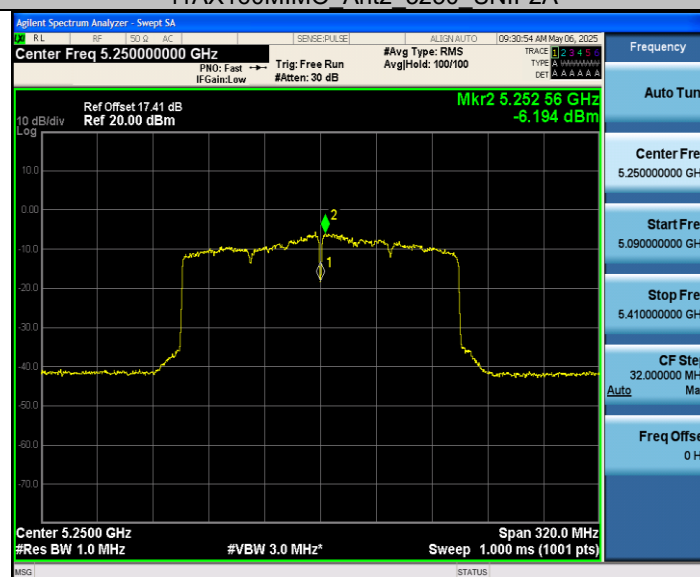
TRF No: CTC-TR-062_A2



11AX160MIMO Ant1 5250 UNII-2A



11AX160MIMO Ant2 5250 UNII-2A



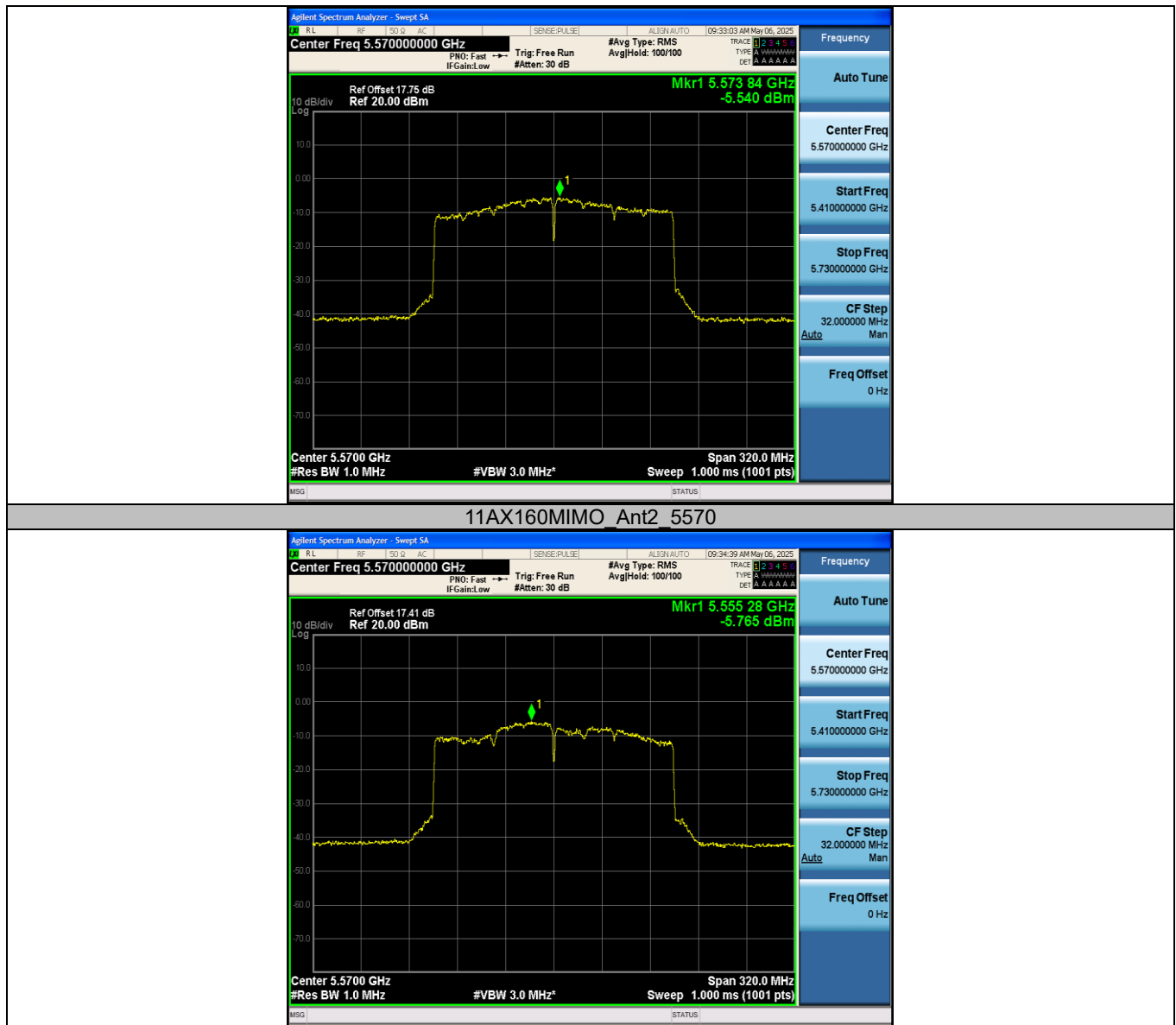
11AX160MIMO Ant1 5570

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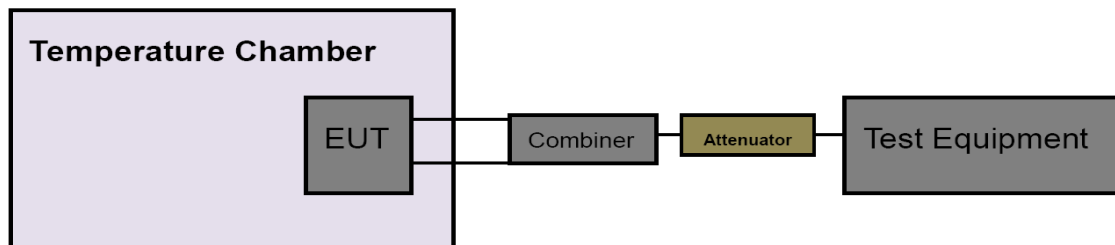
3.7. Frequency Stability

Limit

FCC CFR Title 47 Part 15 Subpart E Section 15.407(g)

Test Item	Limit	Frequency Range (MHz)
Frequency Stability	Specified in the user's manual, the transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band (IEEE 802.11n specification)	5150~5250
		5250~5350
		5500~5700
		5725~5850

Test Configuration



Test Procedure

The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above.

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Set analyzer center frequency to transmitting frequency.
- (3) Set the span to encompass the entire emissions bandwidth (EBW) of the signal.
- (4) Set the RBW to: 8MHz, VBW=8MHz with peak detector and max hold settings.
- (5) The test extreme voltage is to change the primary supply voltage from 10.8V to 13.2V percent of the nominal value.
- (6) Extreme temperature is 0°C~45°C

NOTE: The EUT was set to continuously transmitting in continuously un-modulation transmitting mode.

Test Mode

Please refer to the clause 2.4.

**Test Result**

TestMode	Antenna	Freq(MHz)	Voltage					Verdict
			Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	
20M	Ant1	5180	NV	NT	-15500.00	-2.992278	20	PASS
			LV	NT	-15500.00	-2.992278	20	PASS
			HV	NT	-15500.00	-2.992278	20	PASS
	Ant2	5180	NV	NT	-11500.00	-2.220077	20	PASS
			LV	NT	-12000.00	-2.316602	20	PASS
			HV	NT	-12000.00	-2.316602	20	PASS
	Ant1	5200	NV	NT	-11000.00	-2.115385	20	PASS
			LV	NT	-14000.00	-2.692308	20	PASS
			HV	NT	-15000.00	-2.884615	20	PASS
	Ant2	5200	NV	NT	-11500.00	-2.211538	20	PASS
			LV	NT	-12000.00	-2.307692	20	PASS
			HV	NT	-11500.00	-2.211538	20	PASS
	Ant1	5240	NV	NT	-8000.00	-1.526718	20	PASS
			LV	NT	-14000.00	-2.671756	20	PASS
			HV	NT	-16000.00	-3.053435	20	PASS
	Ant2	5240	NV	NT	-14500.00	-2.767176	20	PASS
			LV	NT	-18000.00	-3.435115	20	PASS
			HV	NT	-18500.00	-3.530534	20	PASS
	Ant1	5260	NV	NT	-15000.00	-2.851711	20	PASS
			LV	NT	-18500.00	-3.517110	20	PASS
			HV	NT	-19500.00	-3.707224	20	PASS
	Ant2	5260	NV	NT	-17500.00	-3.326996	20	PASS
			LV	NT	-20500.00	-3.897338	20	PASS
			HV	NT	-20500.00	-3.897338	20	PASS
	Ant1	5280	NV	NT	-12500.00	-2.367424	20	PASS
			LV	NT	-18000.00	-3.409091	20	PASS
			HV	NT	-19500.00	-3.693182	20	PASS
	Ant2	5280	NV	NT	-17500.00	-3.314394	20	PASS
			LV	NT	-20000.00	-3.787879	20	PASS
			HV	NT	-20500.00	-3.882576	20	PASS
	Ant1	5320	NV	NT	-12500.00	-2.349624	20	PASS
			LV	NT	-17000.00	-3.195489	20	PASS
			HV	NT	-18000.00	-3.383459	20	PASS
	Ant2	5320	NV	NT	-14000.00	-2.631579	20	PASS
			LV	NT	-18500.00	-3.477444	20	PASS
			HV	NT	-19000.00	-3.571429	20	PASS
	Ant1	5500	NV	NT	-12500.00	-2.272727	20	PASS
			LV	NT	-17500.00	-3.181818	20	PASS
			HV	NT	-19500.00	-3.545455	20	PASS
	Ant2	5500	NV	NT	-19000.00	-3.454545	20	PASS
			LV	NT	-22000.00	-4.000000	20	PASS
			HV	NT	-22500.00	-4.090909	20	PASS
	Ant1	5580	NV	NT	-17500.00	-3.136201	20	PASS
			LV	NT	-20500.00	-3.673835	20	PASS
			HV	NT	-22000.00	-3.942652	20	PASS
	Ant2	5580	NV	NT	-17000.00	-3.046595	20	PASS
			LV	NT	-21000.00	-3.763441	20	PASS
			HV	NT	-22500.00	-4.032258	20	PASS
	Ant1	5700	NV	NT	-12000.00	-2.105263	20	PASS
			LV	NT	-17000.00	-2.982456	20	PASS
			HV	NT	-19000.00	-3.333333	20	PASS
	Ant2	5700	NV	NT	-16500.00	-2.894737	20	PASS
			LV	NT	-21500.00	-3.771930	20	PASS
			HV	NT	-23000.00	-4.035088	20	PASS
	Ant1	5745	NV	NT	-15000.00	-2.610966	20	PASS
			LV	NT	-17000.00	-2.959095	20	PASS
			HV	NT	-17500.00	-3.046127	20	PASS
	Ant2	5745	NV	NT	-18500.00	-3.220191	20	PASS
			LV	NT	-20500.00	-3.568320	20	PASS

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	Ant1	5785	HV	NT	-22000.00	-3.829417	20	PASS
			NV	NT	-16000.00	-2.765774	20	PASS
			LV	NT	-19500.00	-3.370787	20	PASS
			HV	NT	-21000.00	-3.630078	20	PASS
	Ant2	5785	NV	NT	-17000.00	-2.938634	20	PASS
			LV	NT	-21000.00	-3.630078	20	PASS
			HV	NT	-22000.00	-3.802939	20	PASS
			NV	NT	-15500.00	-2.660944	20	PASS
	Ant1	5825	LV	NT	-19000.00	-3.261803	20	PASS
			HV	NT	-20000.00	-3.433476	20	PASS
			NV	NT	-16000.00	-2.746781	20	PASS
			LV	NT	-20500.00	-3.519313	20	PASS
40M	Ant1	5190	HV	NT	-22000.00	-3.776824	20	PASS
			NV	NT	-13000.00	-2.504817	20	PASS
			LV	NT	-16500.00	-3.179191	20	PASS
			HV	NT	-17500.00	-3.371869	20	PASS
	Ant2	5190	NV	NT	-15000.00	-2.890173	20	PASS
			LV	NT	-17500.00	-3.371869	20	PASS
			HV	NT	-19000.00	-3.660886	20	PASS
			NV	NT	-12000.00	-2.294455	20	PASS
	Ant1	5230	LV	NT	-16500.00	-3.154876	20	PASS
			HV	NT	-18000.00	-3.441683	20	PASS
			NV	NT	-15000.00	-2.868069	20	PASS
			LV	NT	-17500.00	-3.346080	20	PASS
	Ant2	5230	HV	NT	-18000.00	-3.441683	20	PASS
			NV	NT	-11500.00	-2.182163	20	PASS
			LV	NT	-17000.00	-3.225806	20	PASS
			HV	NT	-18500.00	-3.510436	20	PASS
	Ant1	5270	NV	NT	-16500.00	-3.130930	20	PASS
			LV	NT	-19000.00	-3.605313	20	PASS
			HV	NT	-20000.00	-3.795066	20	PASS
			NV	NT	-11500.00	-2.165725	20	PASS
	Ant2	5270	LV	NT	-17000.00	-3.201507	20	PASS
			HV	NT	-18500.00	-3.483992	20	PASS
			NV	NT	-16500.00	-3.107345	20	PASS
			LV	NT	-19500.00	-3.672316	20	PASS
	Ant1	5310	HV	NT	-19500.00	-3.672316	20	PASS
			NV	NT	-9500.00	-1.724138	20	PASS
			LV	NT	-16500.00	-2.994555	20	PASS
			HV	NT	-18500.00	-3.357532	20	PASS
	Ant2	5310	NV	NT	-16500.00	-2.994555	20	PASS
			LV	NT	-20500.00	-3.720508	20	PASS
			HV	NT	-21500.00	-3.901996	20	PASS
			NV	NT	-16000.00	-2.882883	20	PASS
	Ant1	5550	LV	NT	-21000.00	-3.783784	20	PASS
			HV	NT	-22000.00	-3.963964	20	PASS
			NV	NT	-18000.00	-3.243243	20	PASS
			LV	NT	-21500.00	-3.873874	20	PASS
	Ant2	5550	HV	NT	-22000.00	-3.963964	20	PASS
			NV	NT	-12500.00	-2.204586	20	PASS
			LV	NT	-18500.00	-3.262787	20	PASS
			HV	NT	-20500.00	-3.615520	20	PASS
	Ant1	5670	NV	NT	-16500.00	-2.910053	20	PASS
			LV	NT	-20500.00	-3.615520	20	PASS
			HV	NT	-22000.00	-3.880071	20	PASS
			NV	NT	-16500.00	-2.867072	20	PASS
	Ant2	5670	LV	NT	-20000.00	-3.475239	20	PASS
			HV	NT	-20500.00	-3.562120	20	PASS
			NV	NT	-17000.00	-2.953953	20	PASS
			LV	NT	-20500.00	-3.562120	20	PASS
	Ant1	5755	HV	NT	-21500.00	-3.735882	20	PASS
			NV	NT	-14500.00	-2.502157	20	PASS
			LV	NT	-19000.00	-3.278689	20	PASS
			HV	NT	-20000.00	-3.451251	20	PASS
	Ant2	5795	NV	NT	-17500.00	-3.019845	20	PASS
			LV	NT	-17500.00	-3.019845	20	PASS
			HV	NT	-17500.00	-3.019845	20	PASS
			NV	NT	-17500.00	-3.019845	20	PASS

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