



1.176 11AC20MIMO\_Ant2\_5320





1.177 11AC20MIMO\_Ant1\_5500





1.178 11AC20MIMO\_Ant2\_5500





1.179 11AC20MIMO\_Ant1\_5580





1.180 11AC20MIMO\_Ant2\_5580





1.181 11AC20MIMO\_Ant1\_5700





1.182 11AC20MIMO\_Ant2\_5700





1.183 11AC20MIMO\_Ant1\_5745





1.184 11AC20MIMO\_Ant2\_5745





1.185 11AC20MIMO\_Ant1\_5785



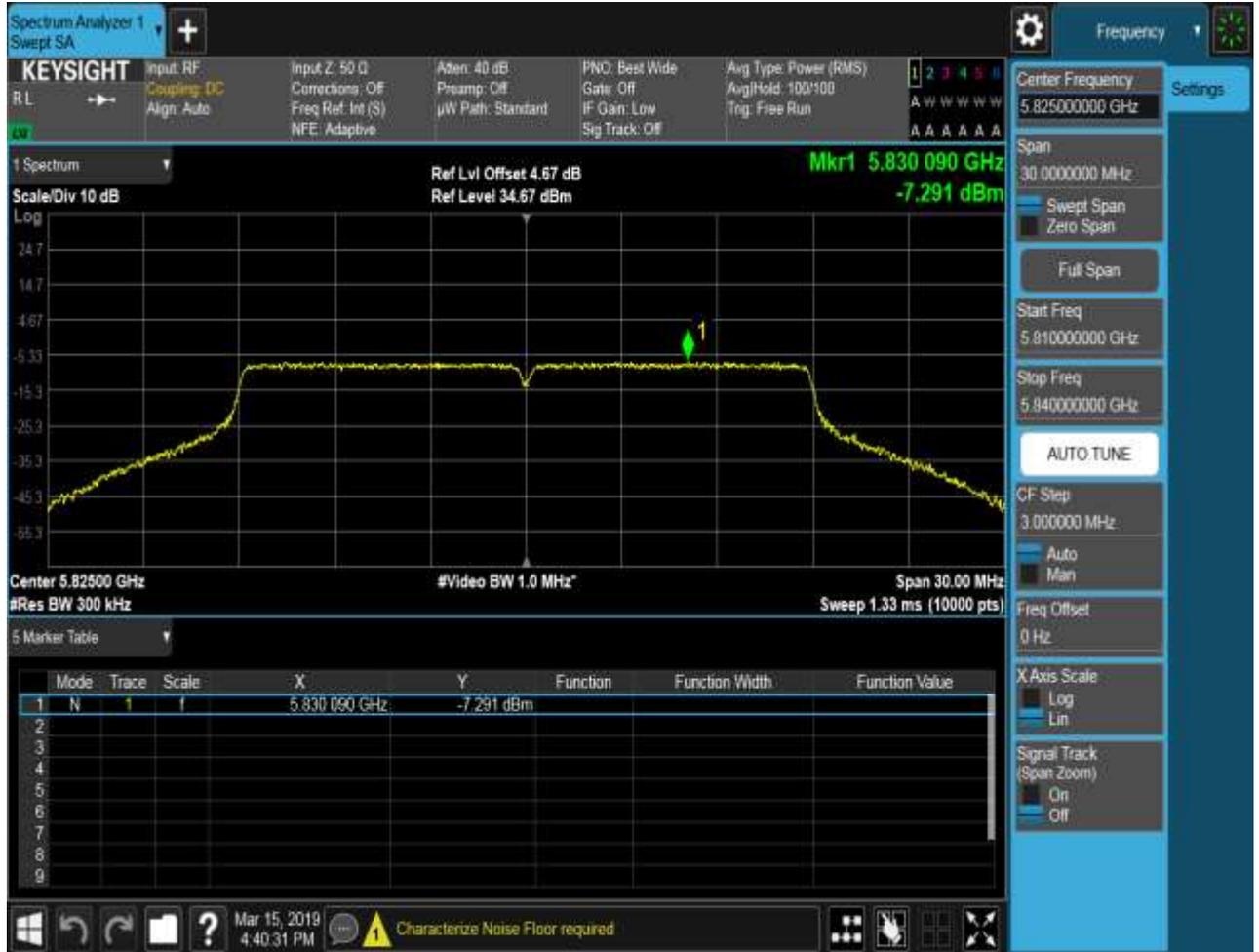


1.186 11AC20MIMO\_Ant2\_5785





1.187 11AC20MIMO\_Ant1\_5825





1.188 11AC20MIMO\_Ant2\_5825





1.189 11AC40MIMO\_Ant1\_5190





1.190 11AC40MIMO\_Ant2\_5190





1.191 11AC40MIMO\_Ant1\_5230





1.192 11AC40MIMO\_Ant2\_5230



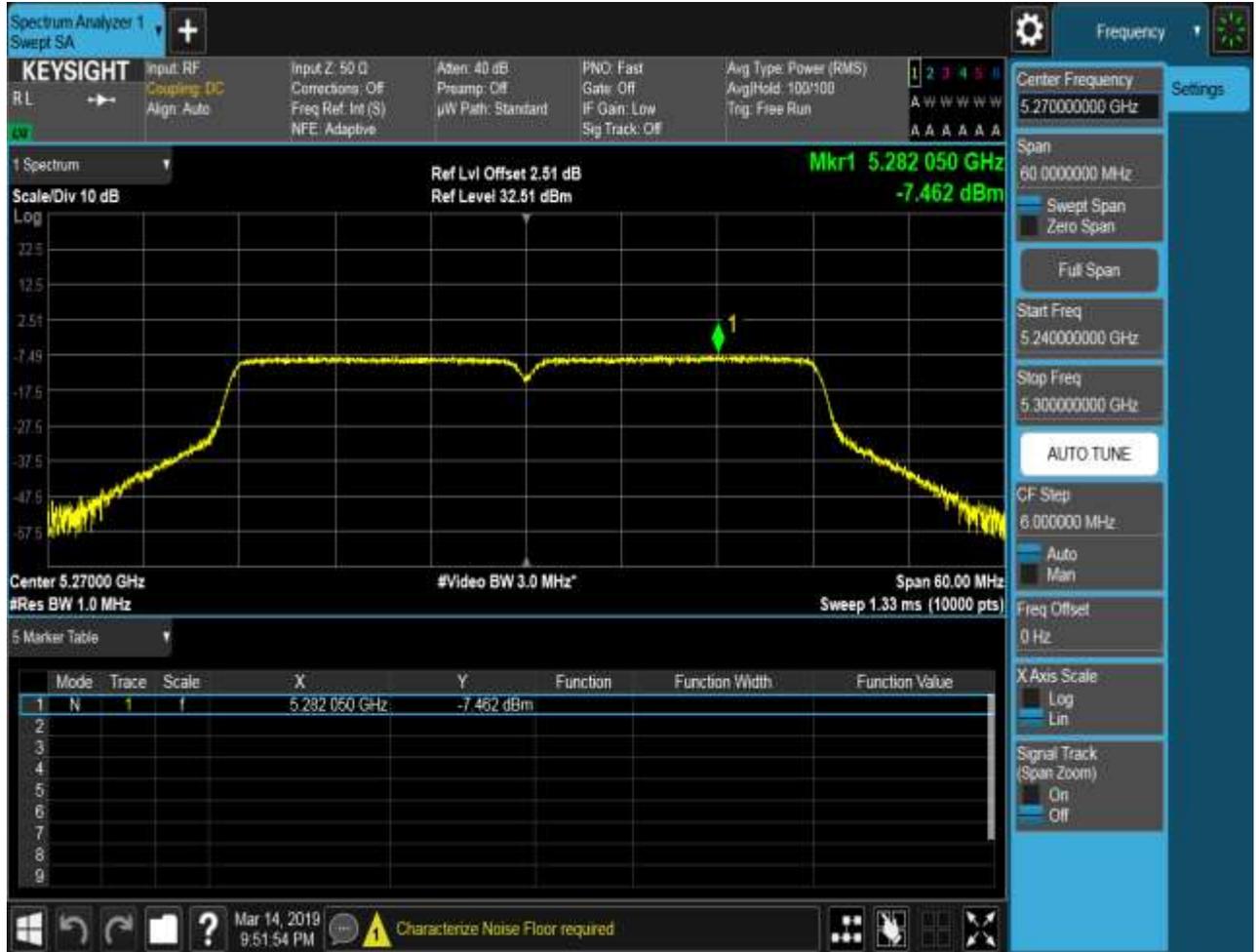


1.193 11AC40MIMO\_Ant1\_5270





1.194 11AC40MIMO\_Ant2\_5270





1.195 11AC40MIMO\_Ant1\_5310





1.196 11AC40MIMO\_Ant2\_5310





1.197 11AC40MIMO\_Ant1\_5510





1.198 11AC40MIMO\_Ant2\_5510





1.199 11AC40MIMO\_Ant1\_5550





1.200 11AC40MIMO\_Ant2\_5550





1.201 11AC40MIMO\_Ant1\_5670





1.202 11AC40MIMO\_Ant2\_5670





1.203 11AC40MIMO\_Ant1\_5755





1.204 11AC40MIMO\_Ant2\_5755



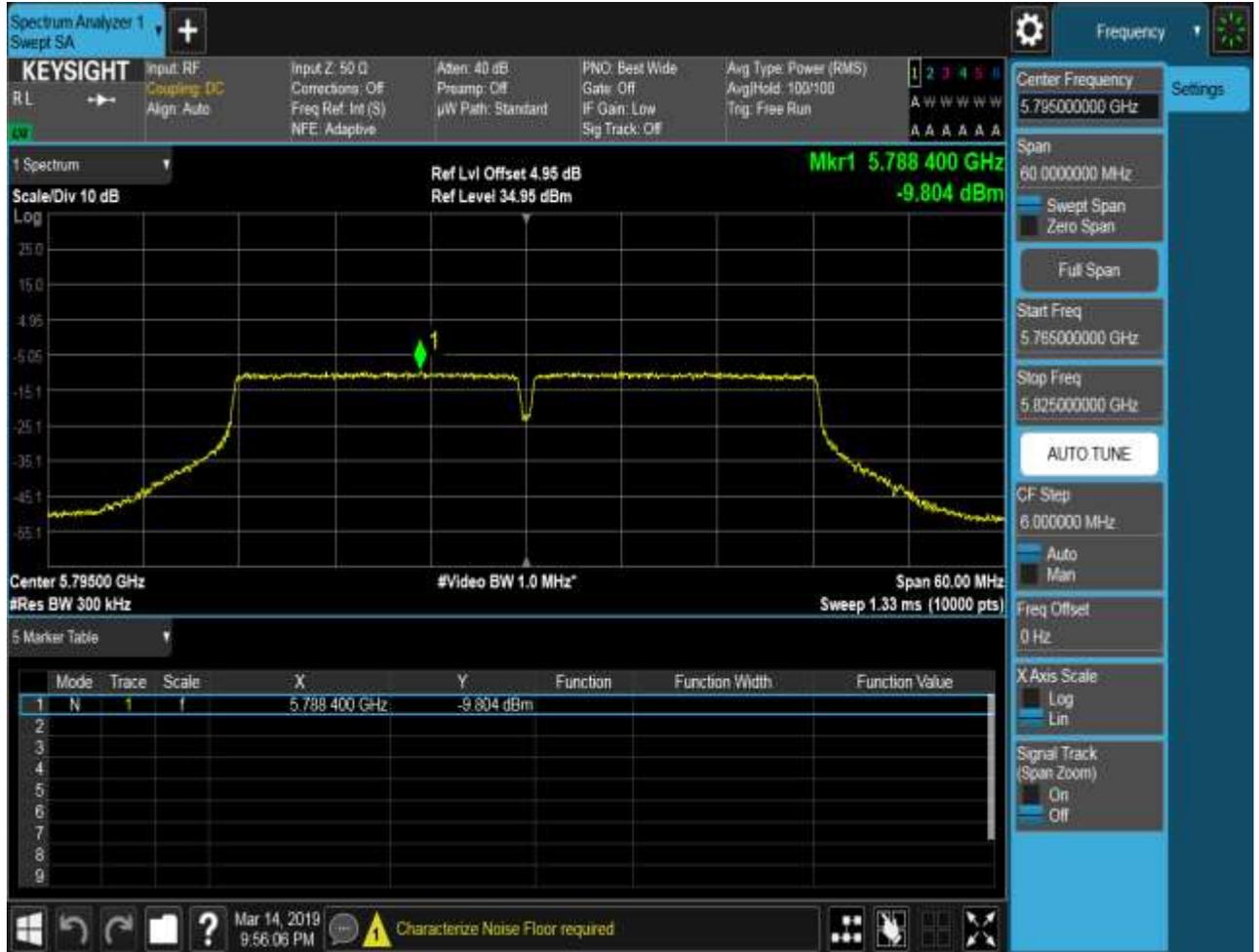


1.205 11AC40MIMO\_Ant1\_5795





1.206 11AC40MIMO\_Ant2\_5795





1.207 11AC80MIMO\_Ant1\_5210





1.208 11AC80MIMO\_Ant2\_5210





1.209 11AC80MIMO\_Ant1\_5290





1.210 11AC80MIMO\_Ant2\_5290





1.211 11AC80MIMO\_Ant1\_5530





1.212 11AC80MIMO\_Ant2\_5530





1.213 11AC80MIMO\_Ant1\_5610





1.214 11AC80MIMO\_Ant2\_5610





1.215 11AC80MIMO\_Ant1\_5775





1.216 11AC80MIMO\_Ant2\_5775





1.217 11AC160MIMO\_Ant1\_5250





1.218 11AC160MIMO\_Ant2\_5250





1.219 11AC160MIMO\_Ant1\_5570





1.220 11AC160MIMO\_Ant2\_5570





# Appendix F: Frequencies Stability

## Part I - Frequency Error vs. Voltage:

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	0	0	20	PASS
			LV	NT	20000	3.861004	20	PASS
			HV	NT	0	0	20	PASS
	Ant2	5180	NV	NT	20000	3.861004	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	20000	3.861004	20	PASS
	Ant1	5825	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
	Ant2	5825	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS

**Part II - Frequency Error vs. Temperature:**

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	20000	3.861004	20	PASS
			NV	10	20000	3.861004	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-20000	-3.861004	20	PASS
			NV	40	0	0	20	PASS
			NV	50	20000	3.861004	20	PASS
	Ant2	5180	NV	-30	0	0	20	PASS
			NV	-20	20000	3.861004	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	-20000	-3.861004	20	PASS
			NV	20	20000	3.861004	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
	Ant1	5825	NV	-20000	-3.433476	-20000	20	PASS



			NV	0	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	-20000	-3.433476	-20000	20	PASS
			NV	0	0	0	20	PASS
			NV	-20000	-3.433476	-20000	20	PASS
			NV	0	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	0	0	0	20	PASS
	Ant2	5825	NV	-30	0	0	20	PASS
			NV	-20	-20000	-3.433476	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS

-----The End-----