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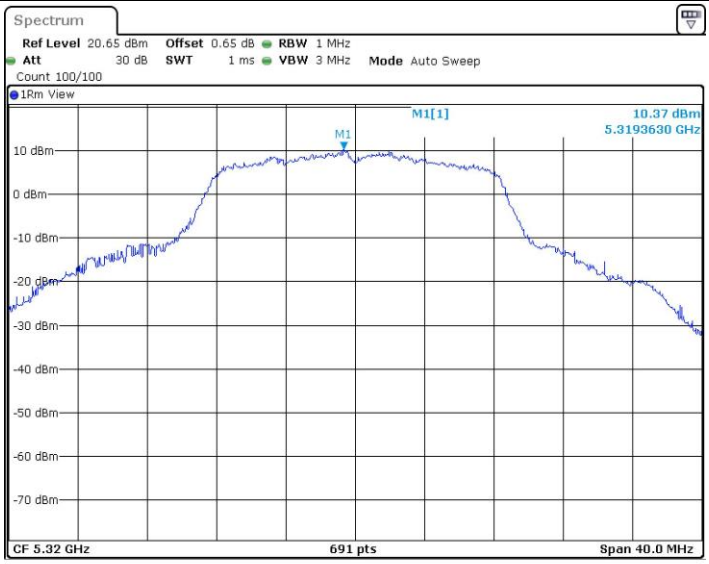

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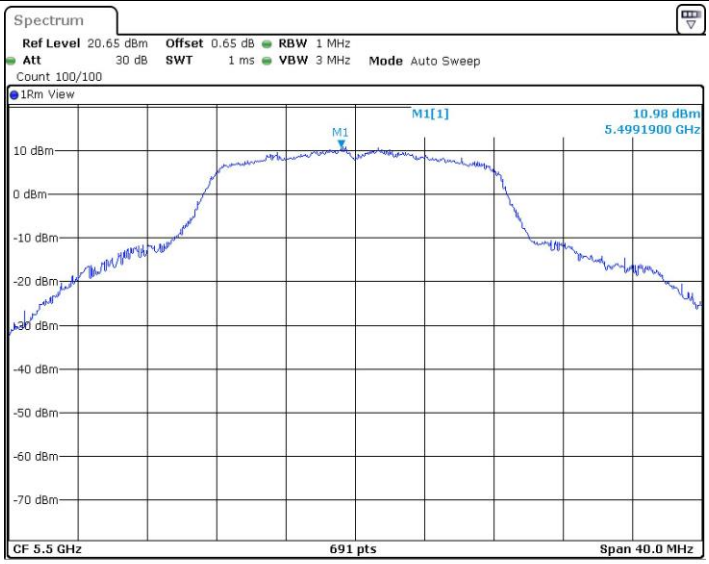
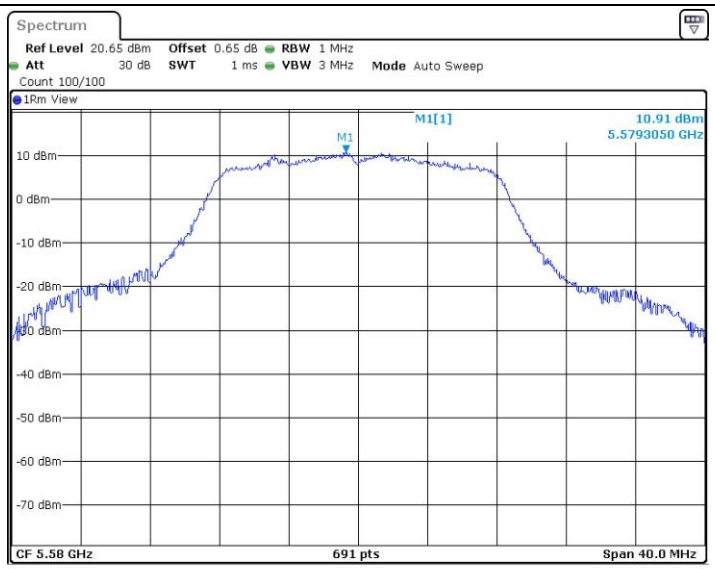


11A_Ant1_5500



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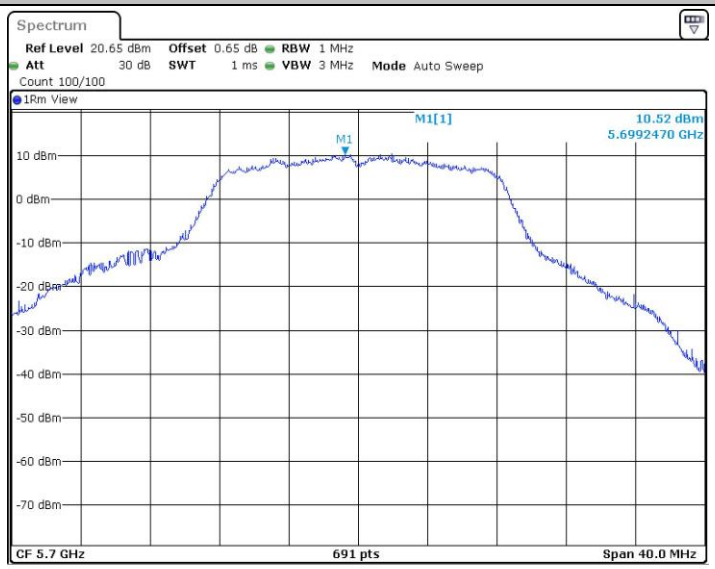

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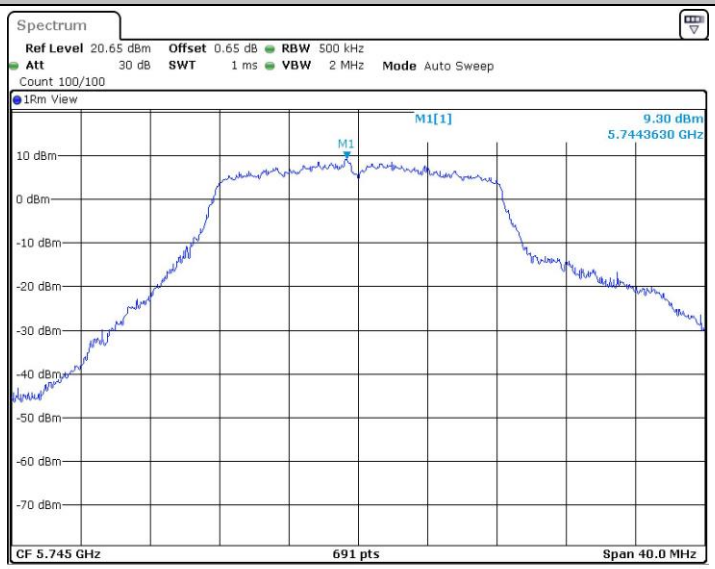

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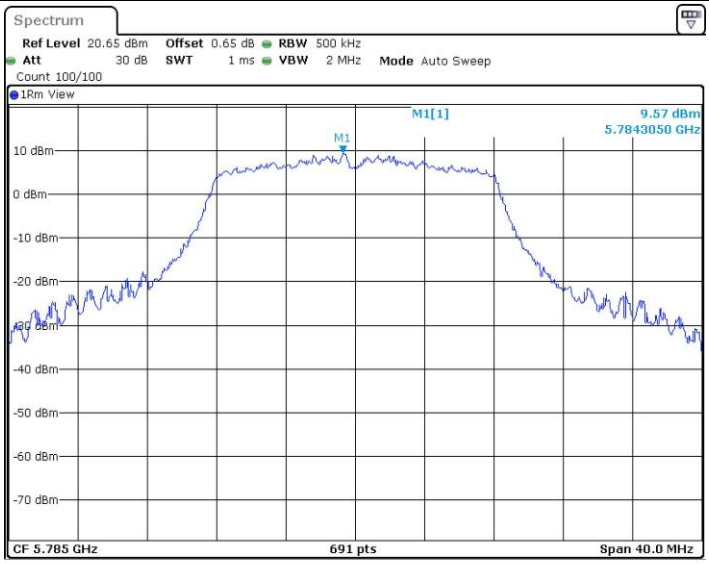

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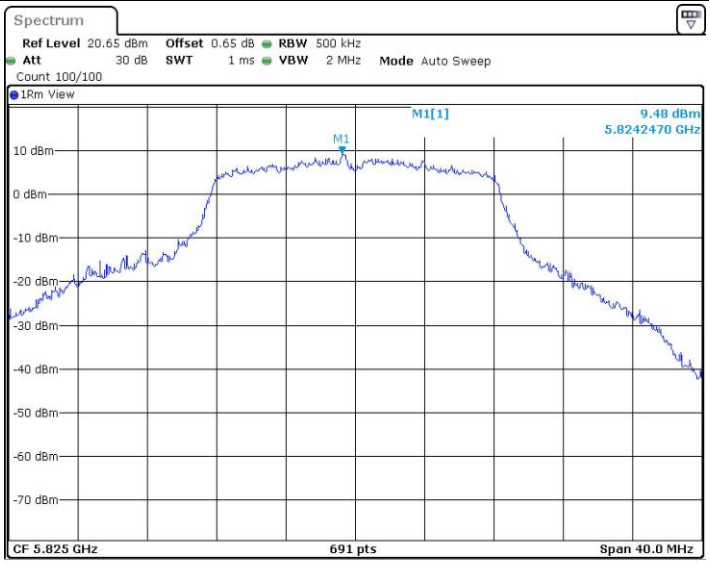

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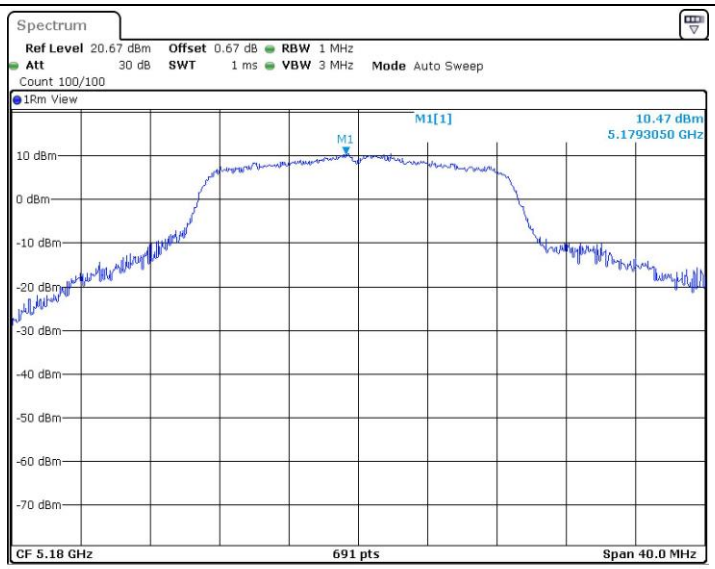

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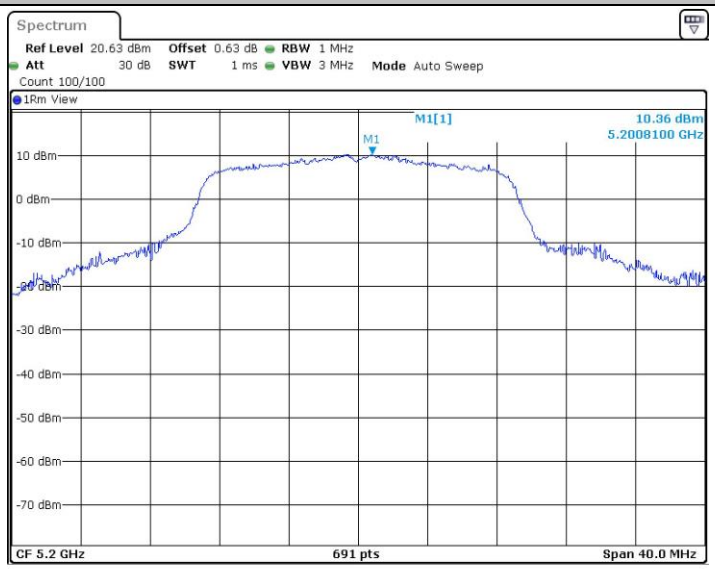

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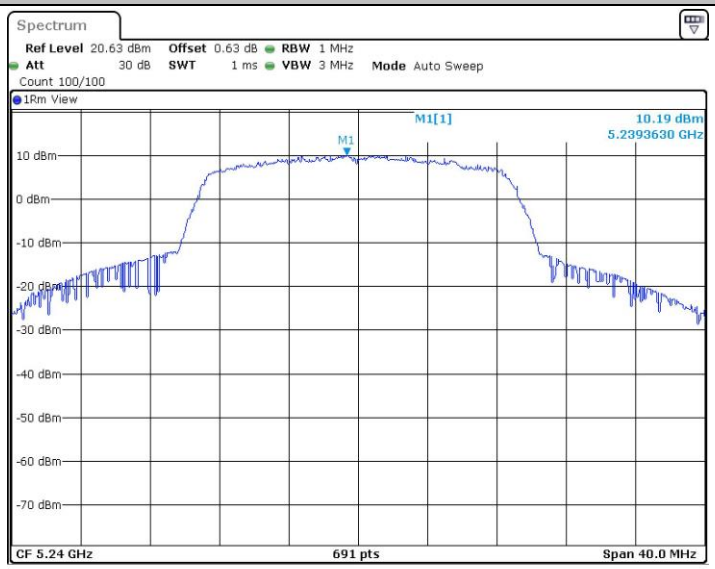

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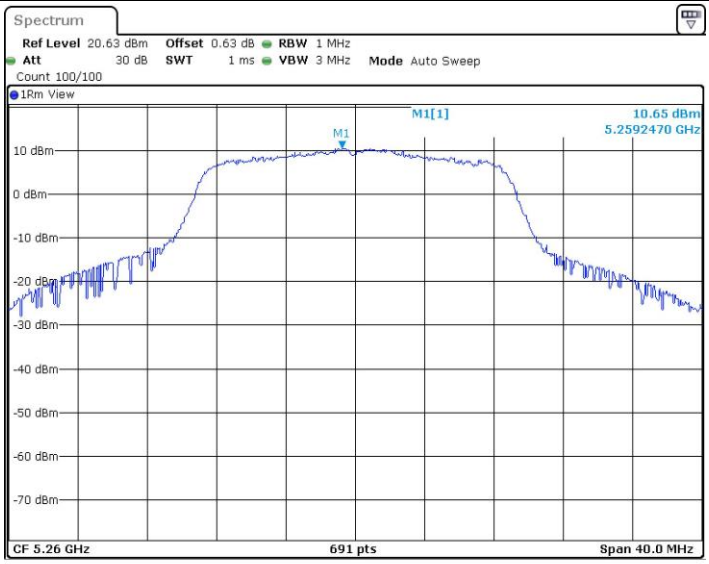

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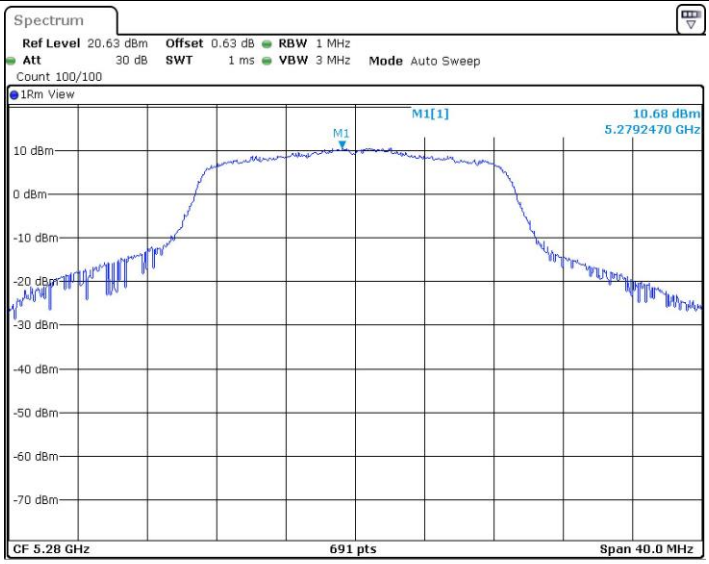

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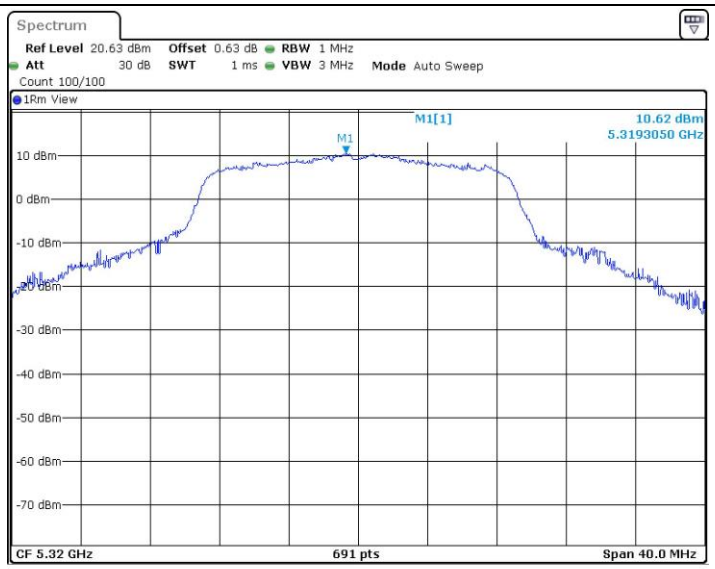

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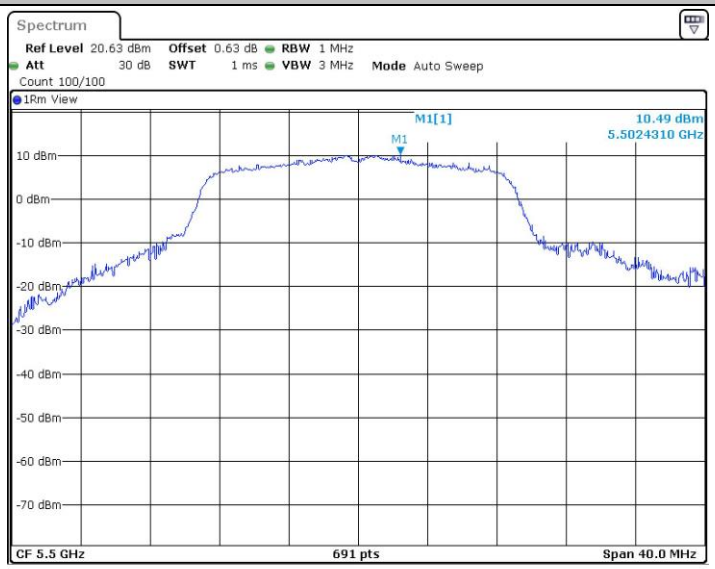

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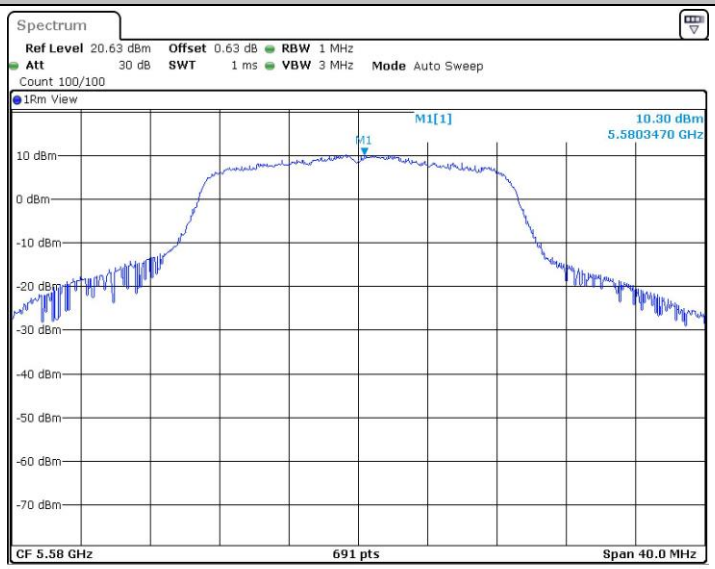

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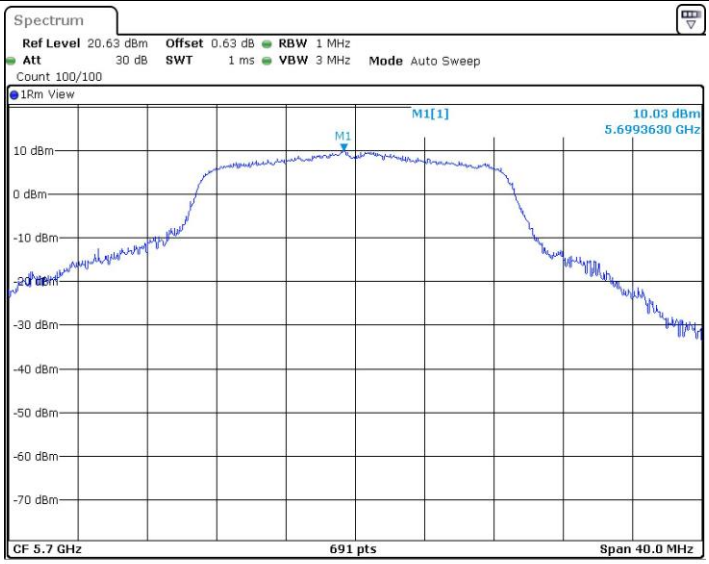

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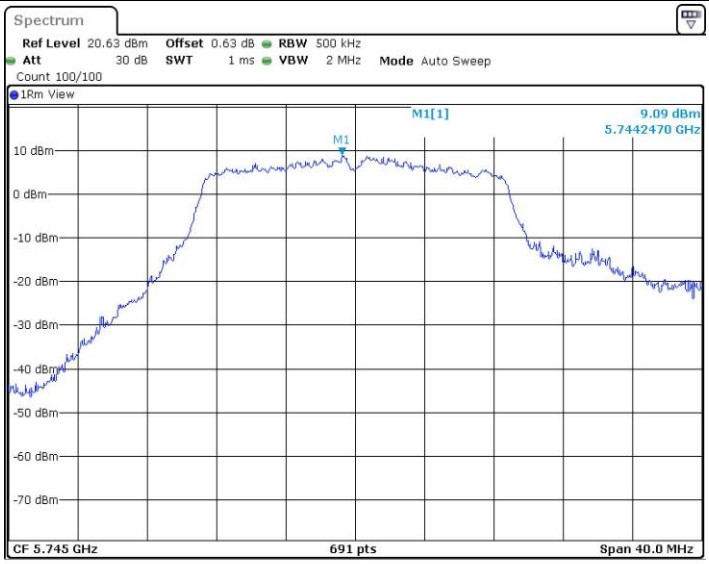

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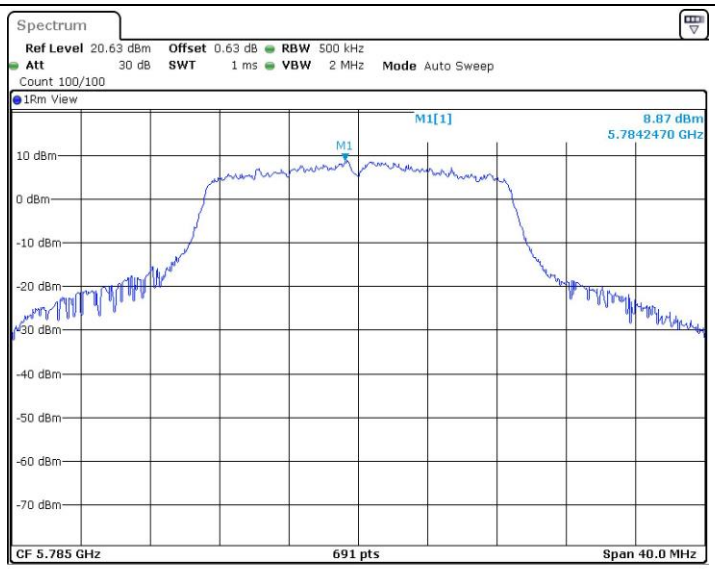

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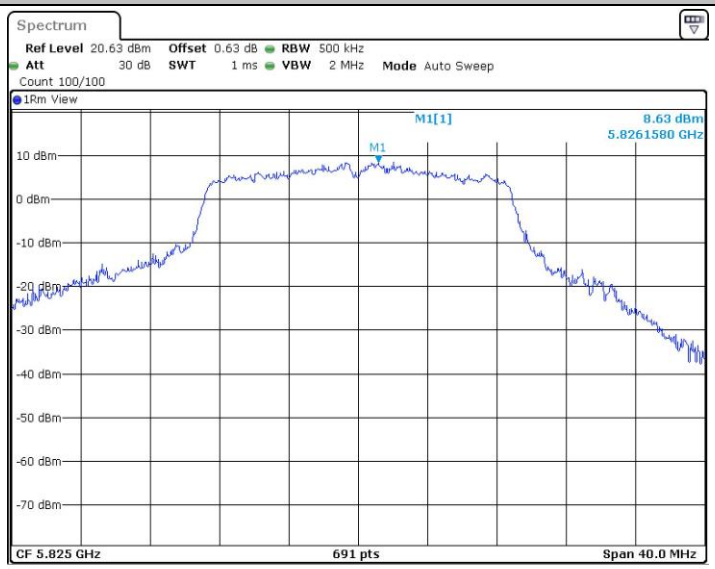

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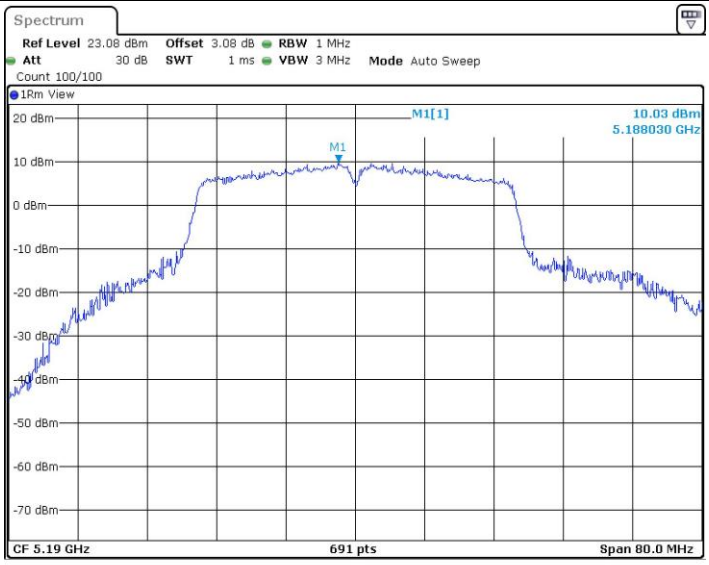

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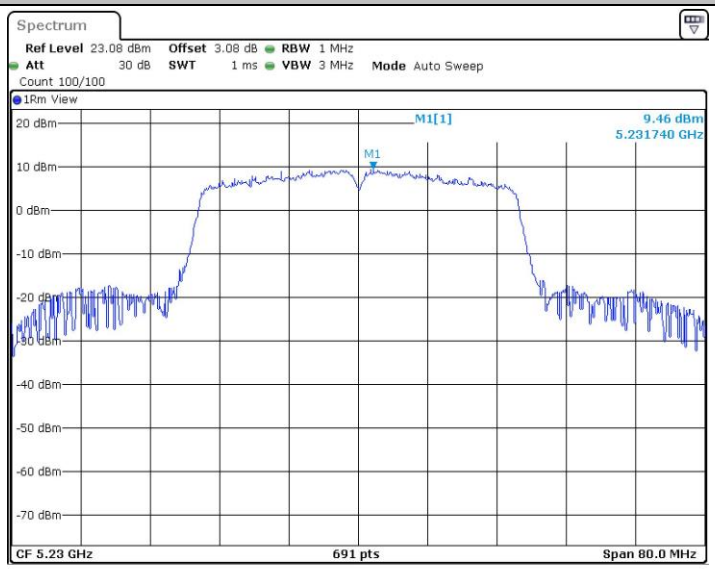

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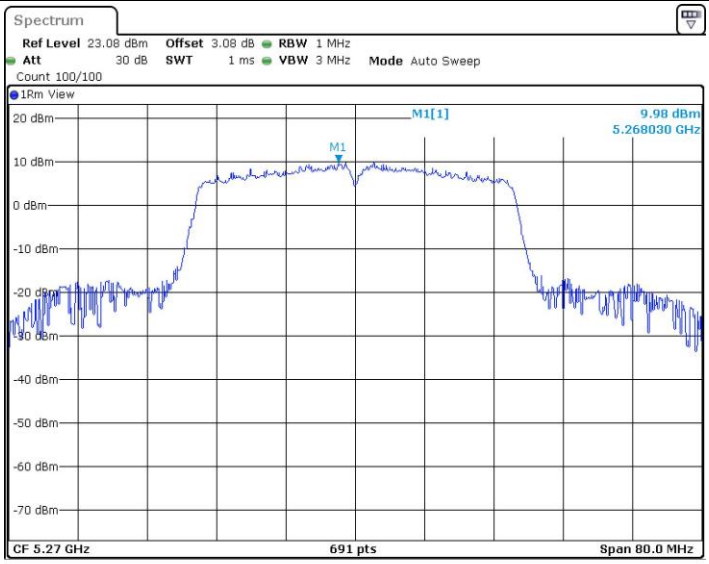

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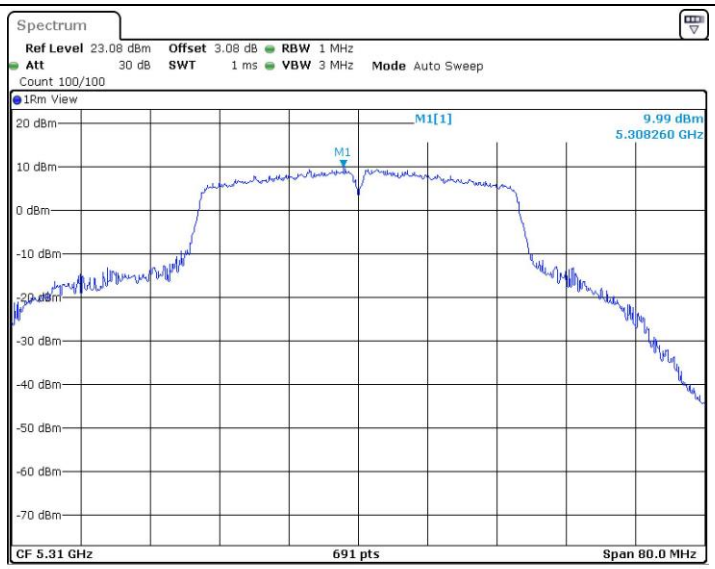

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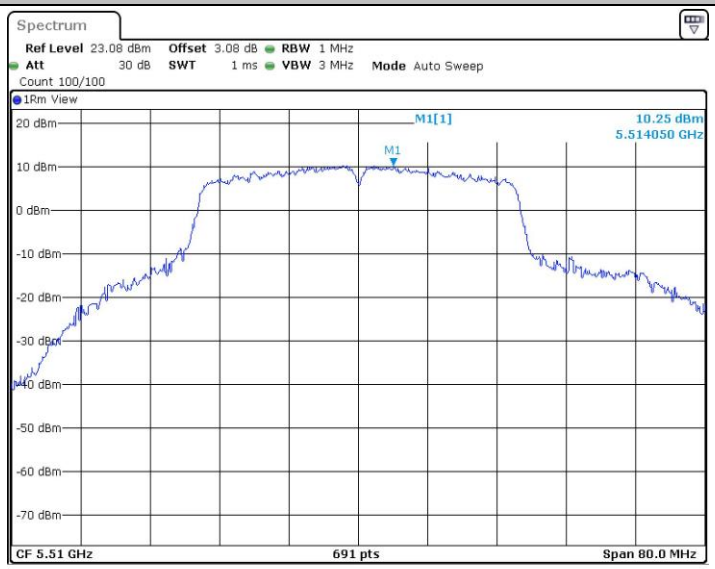

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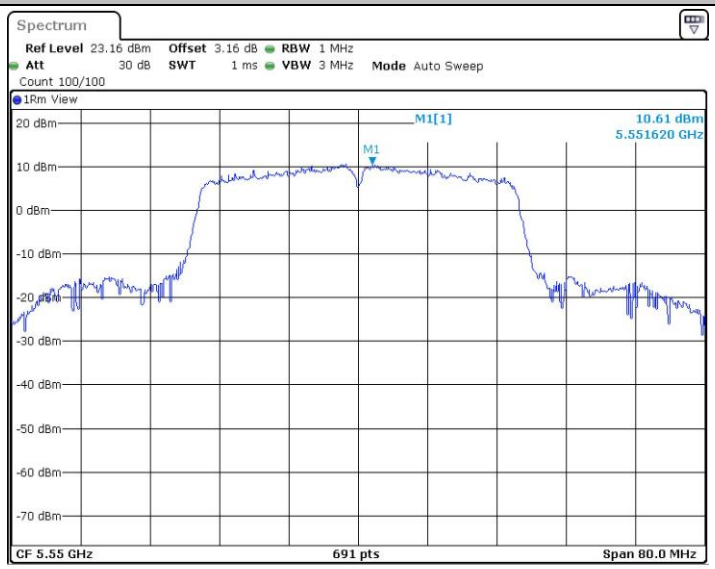

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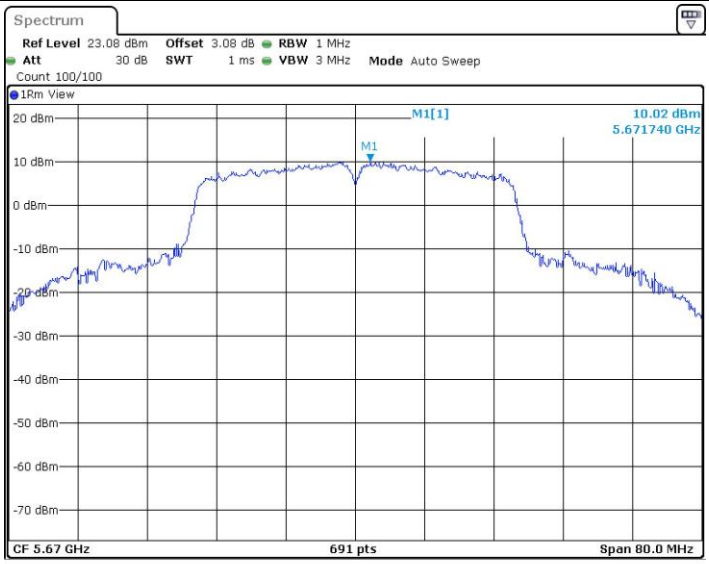

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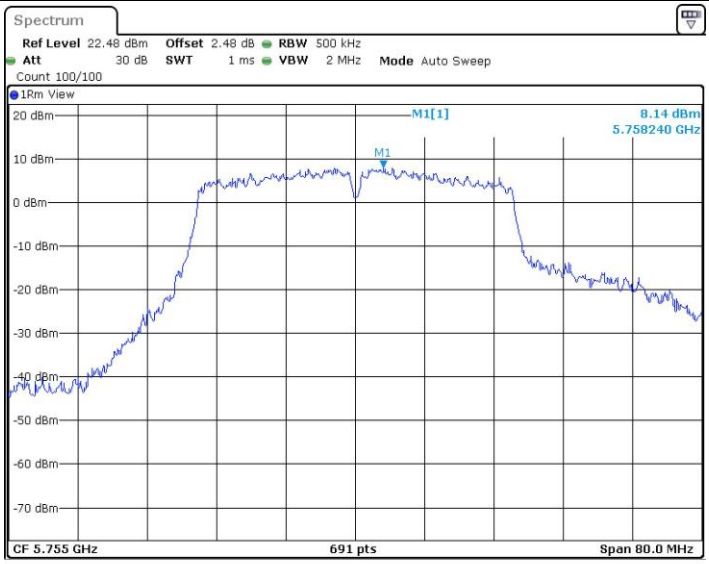

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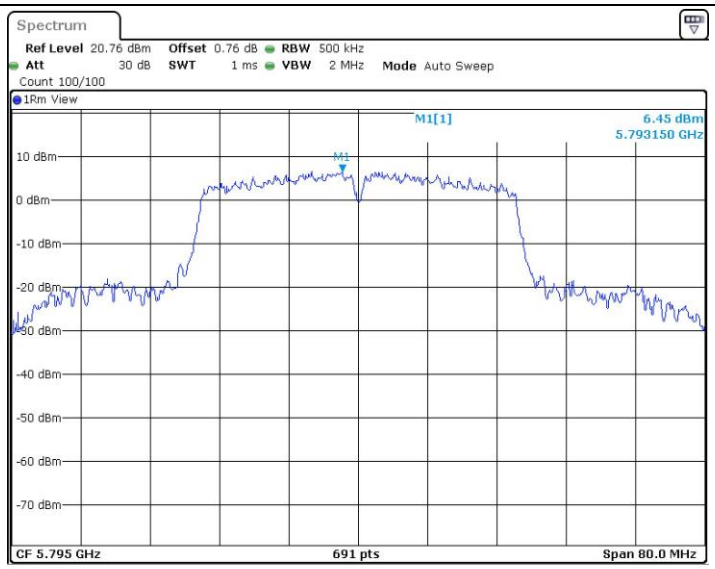

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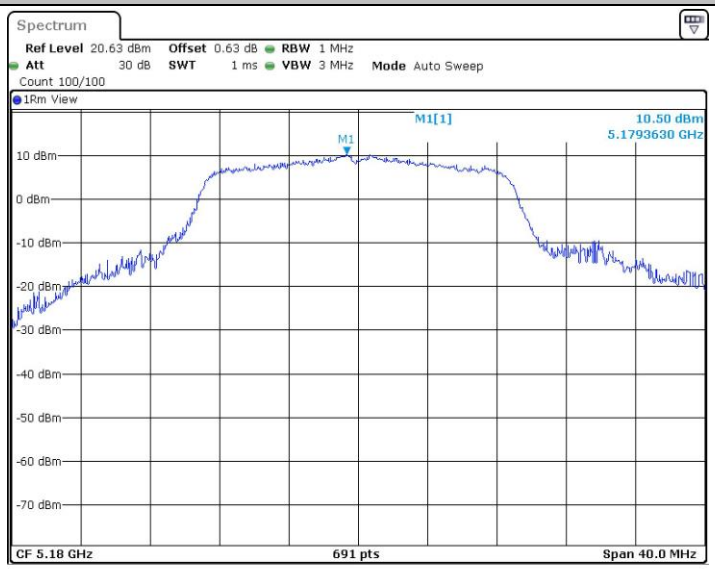

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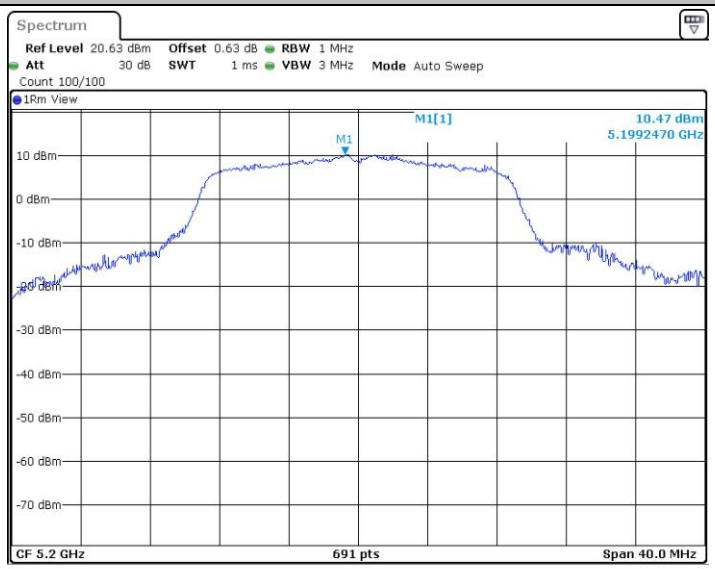

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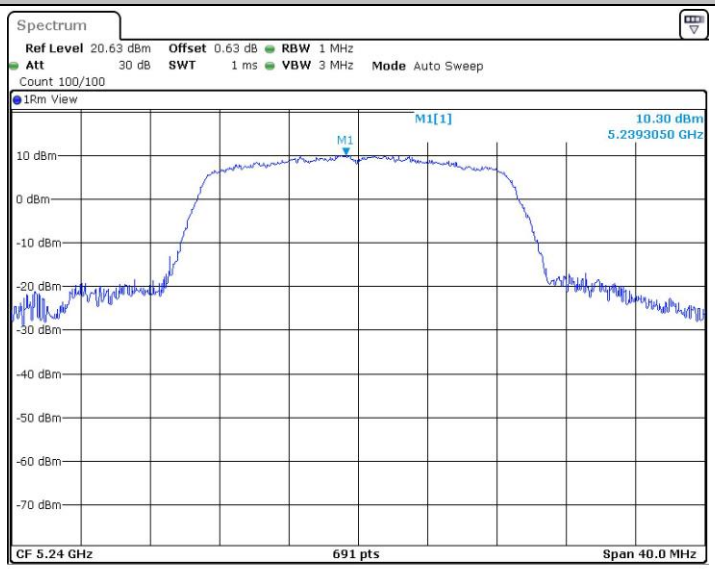

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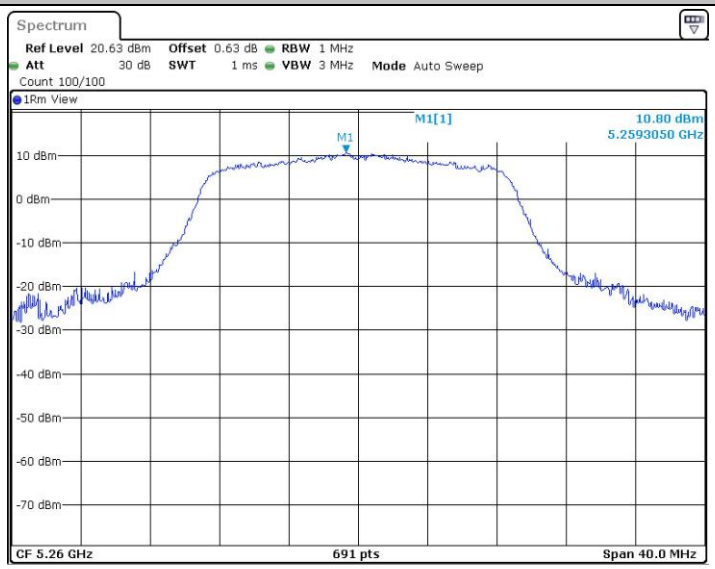

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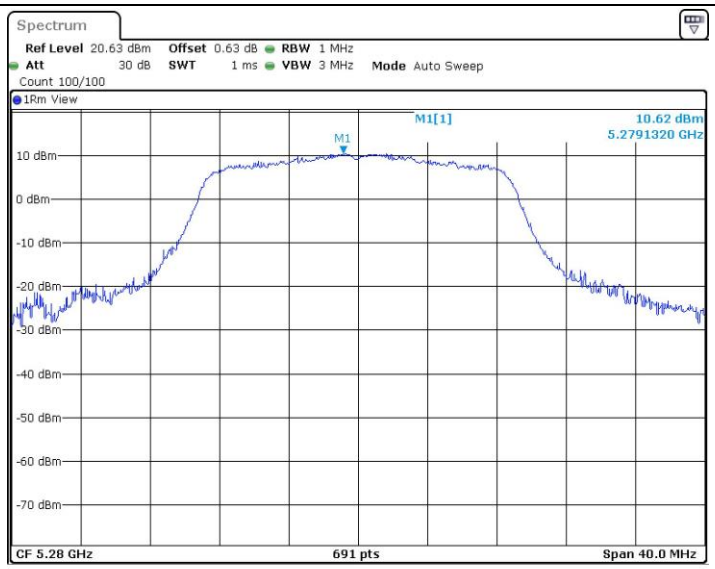

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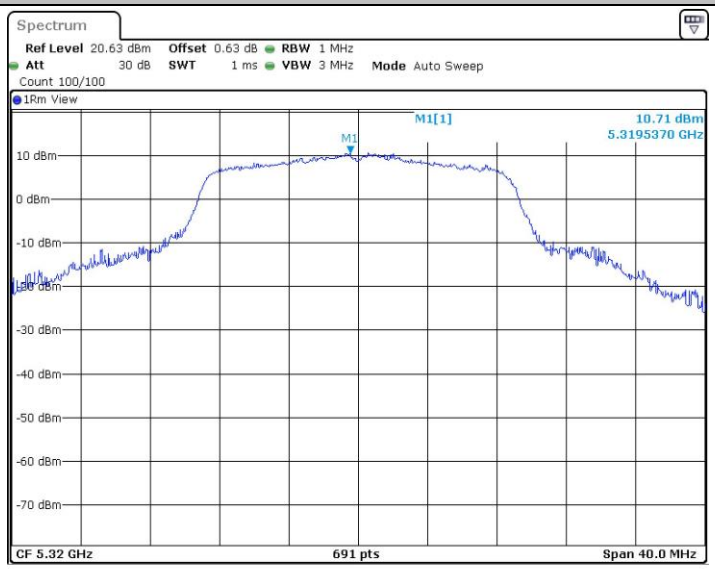

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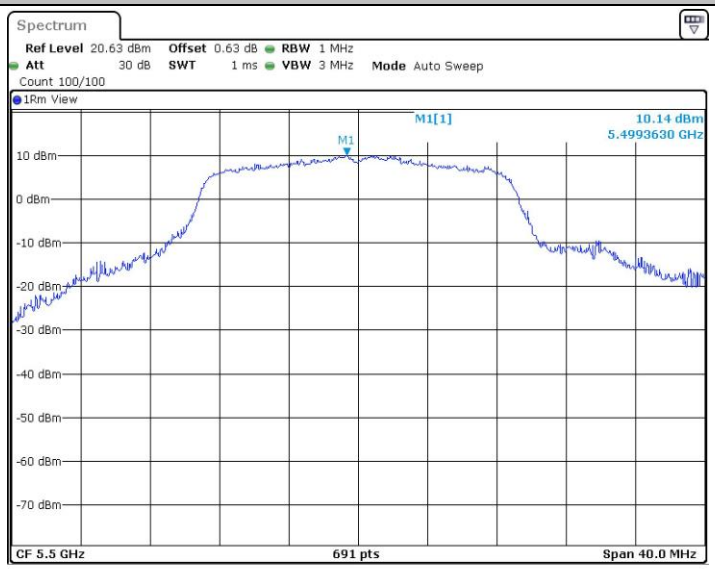

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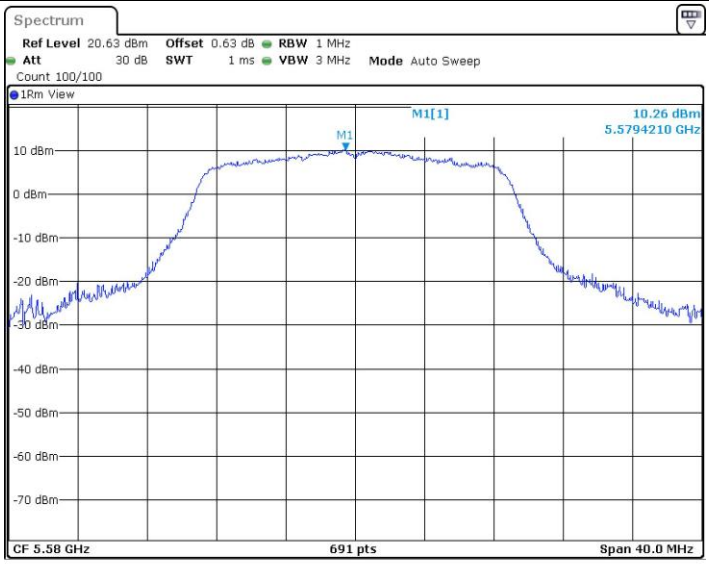

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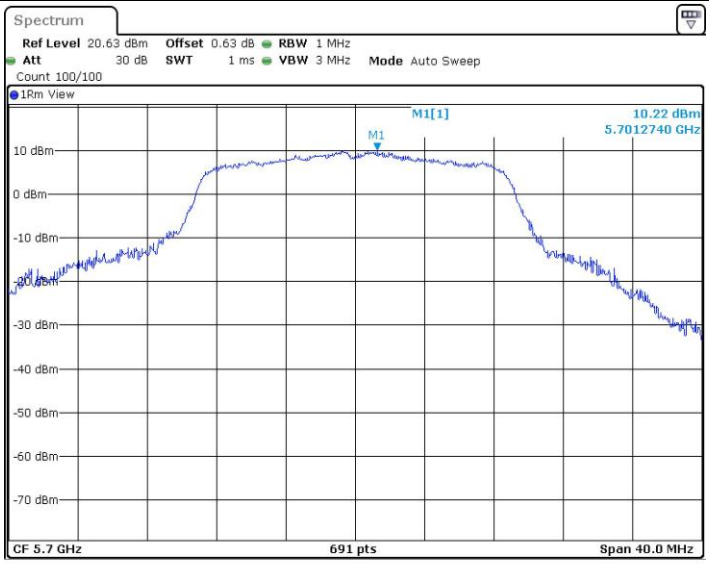

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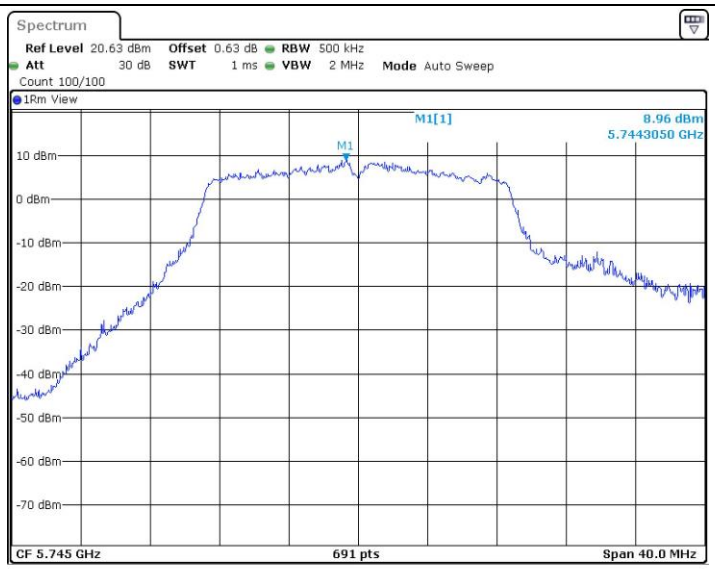

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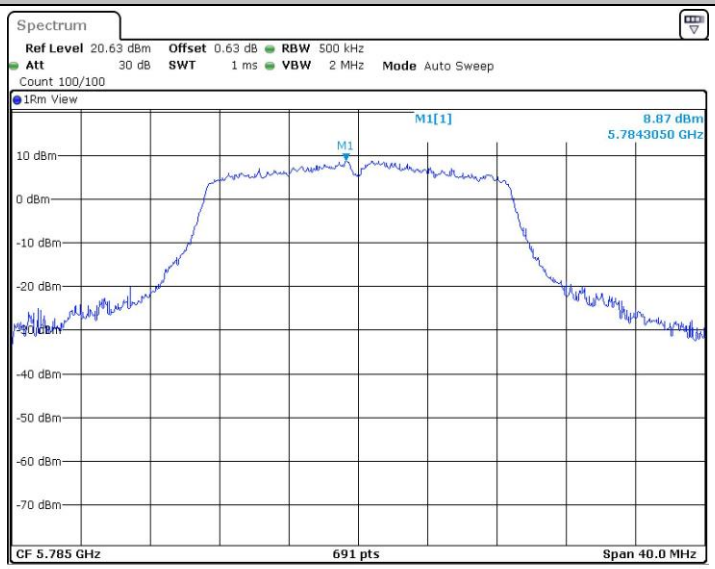

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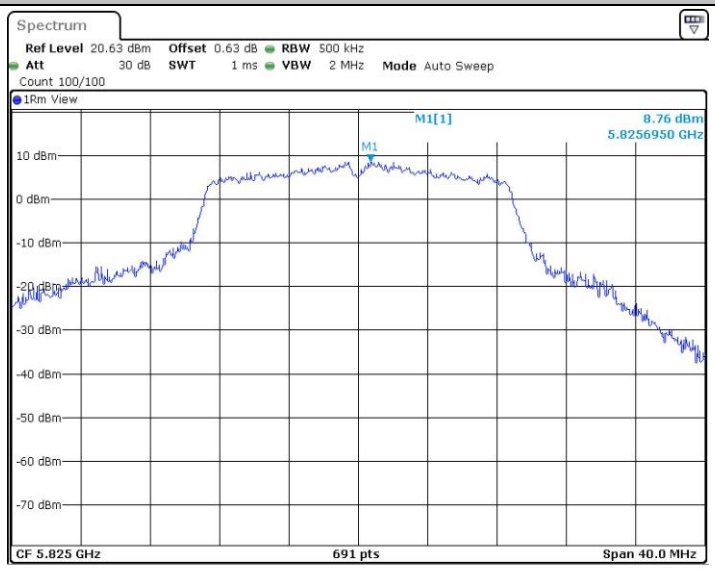

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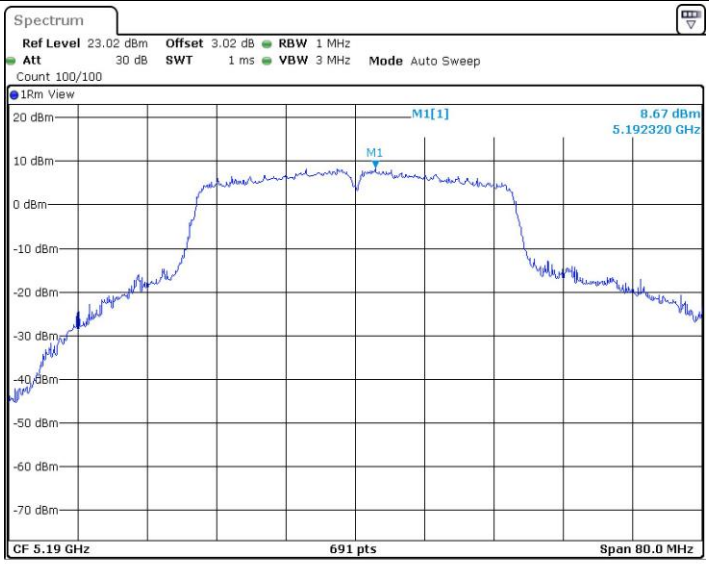

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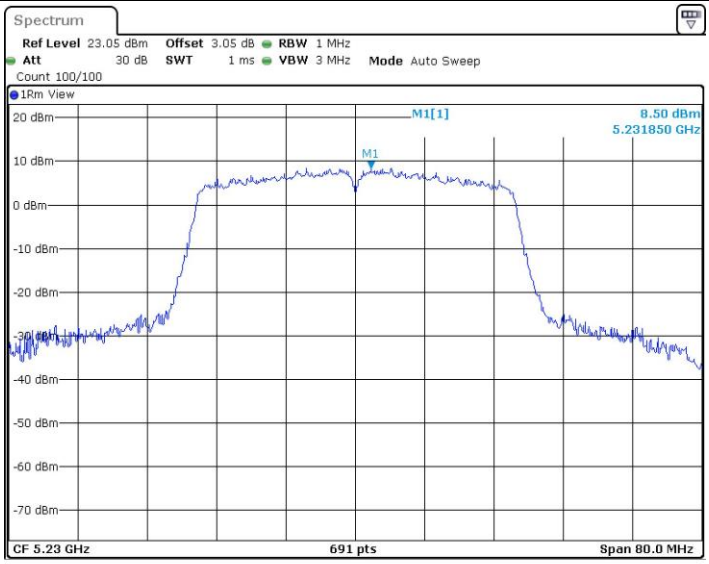

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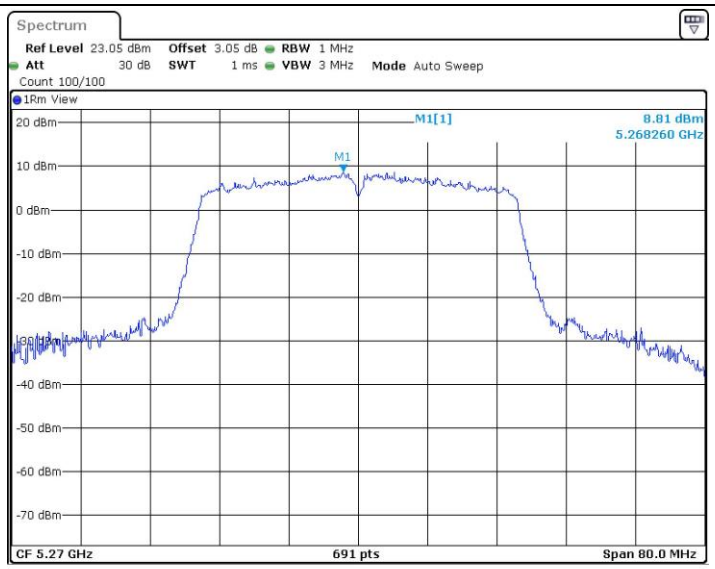

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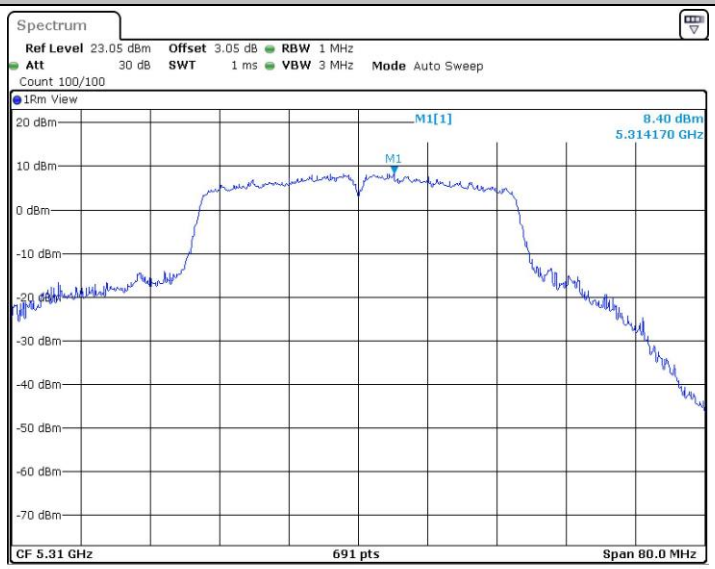

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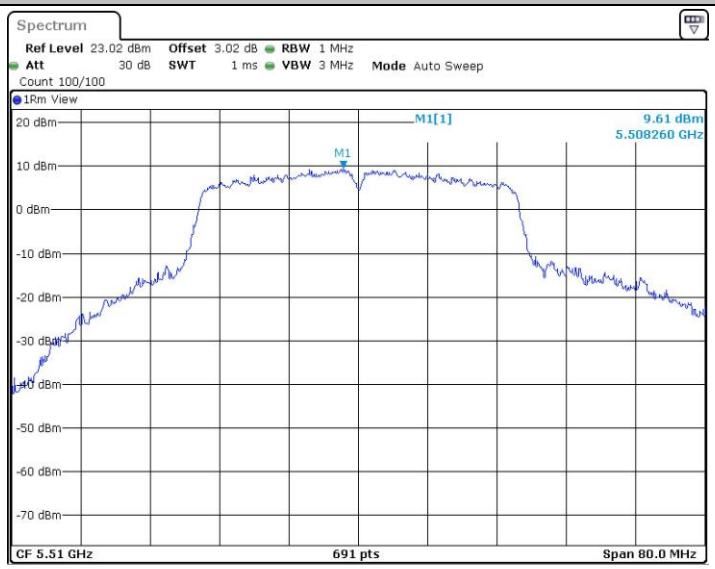

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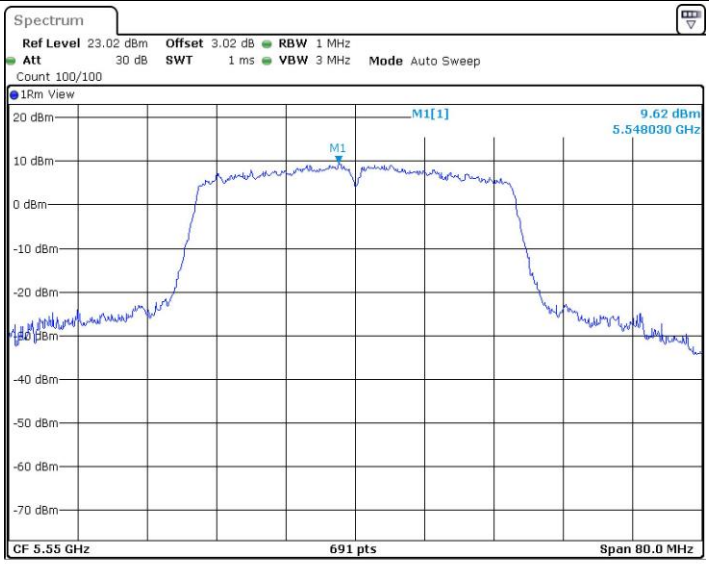

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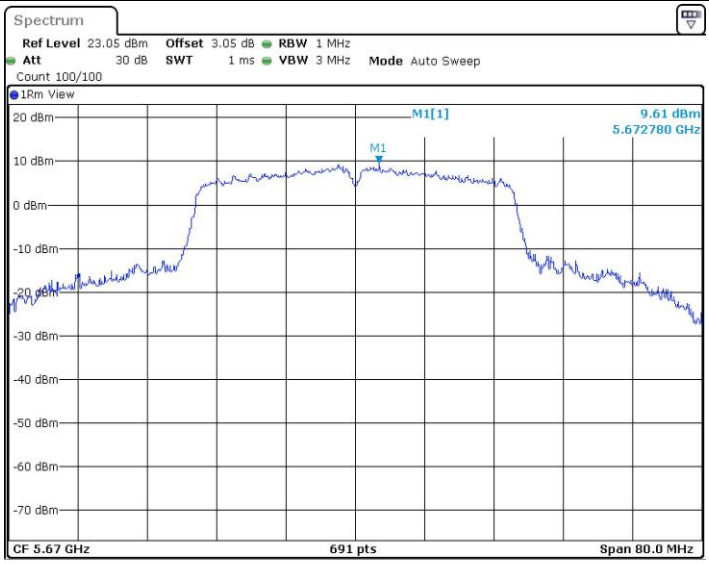

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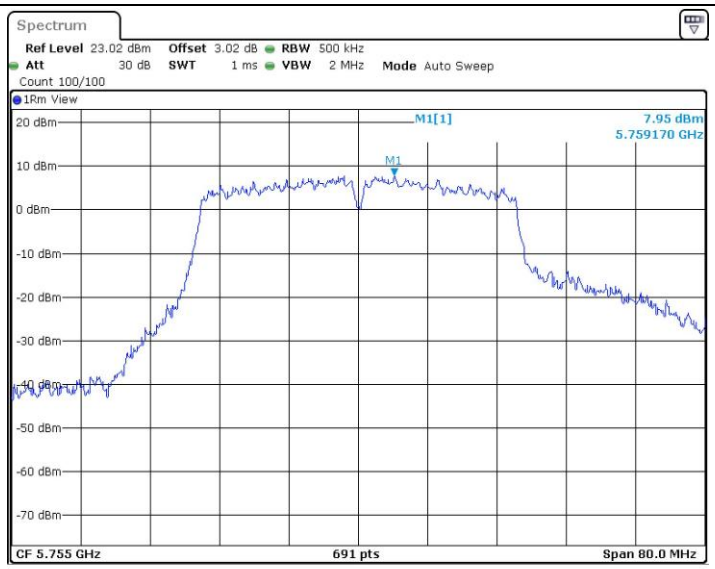

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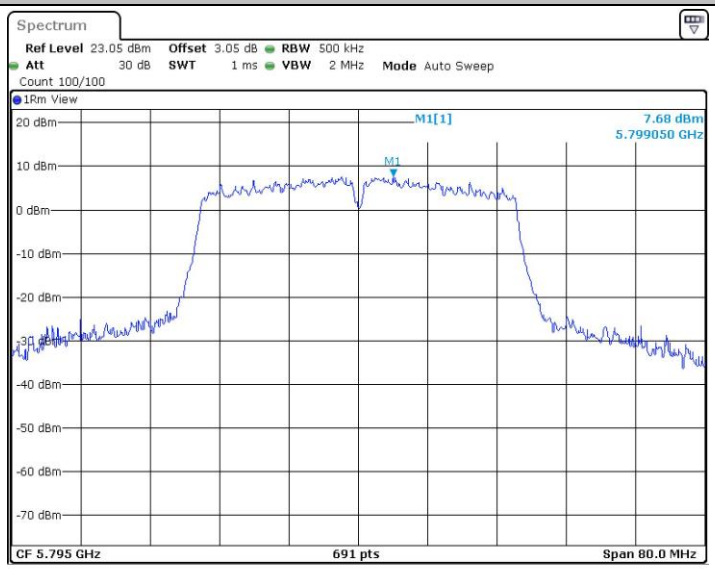

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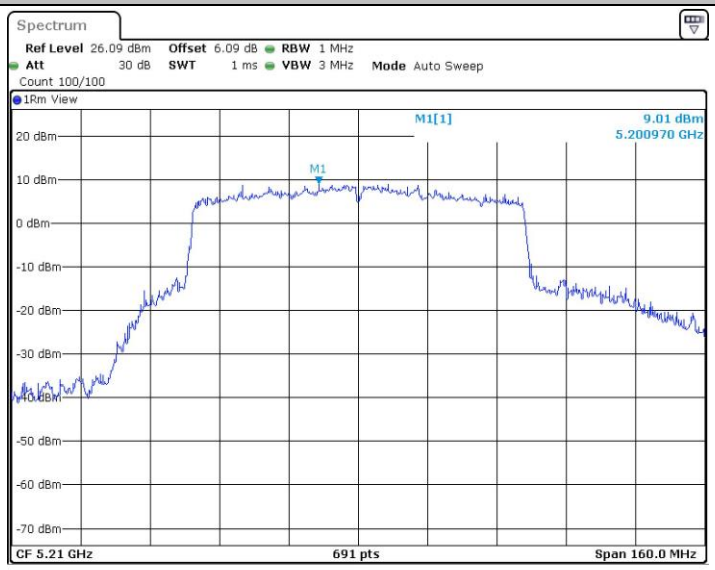

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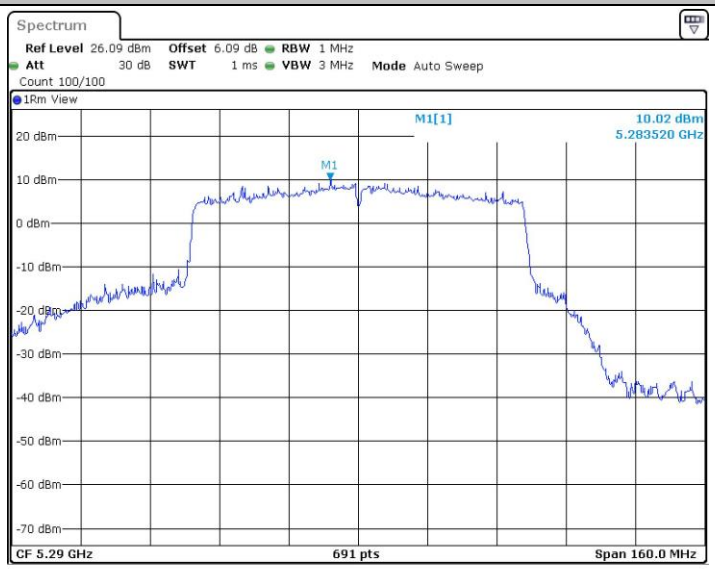

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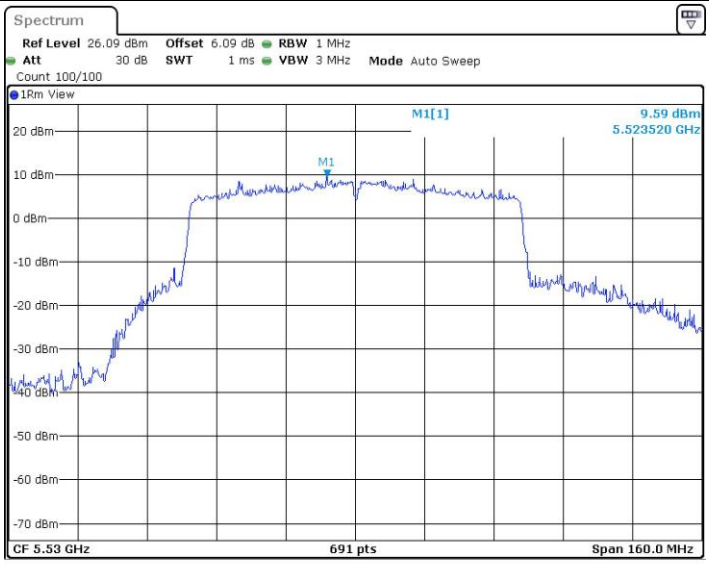

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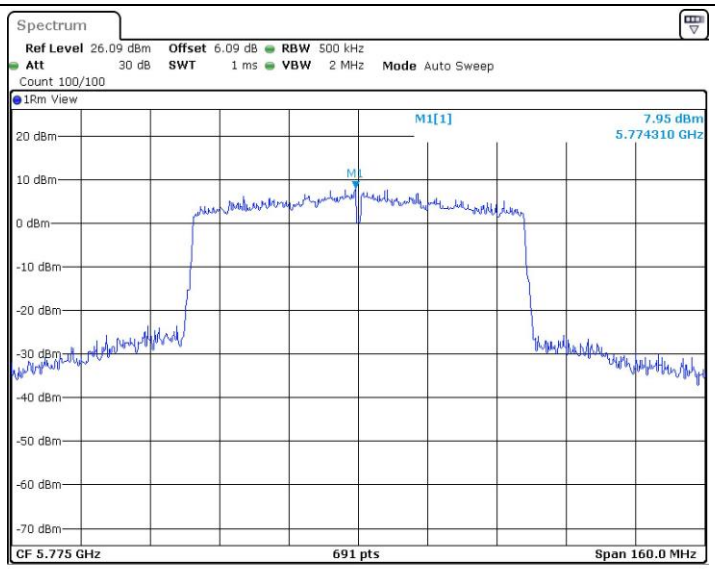
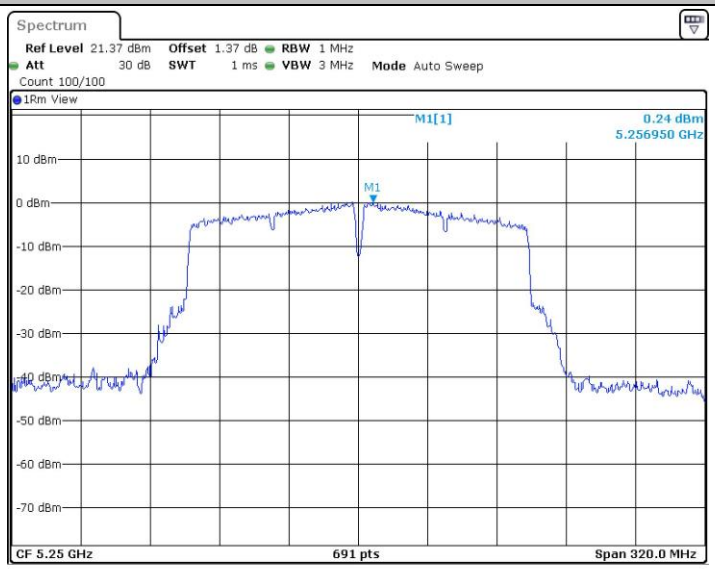
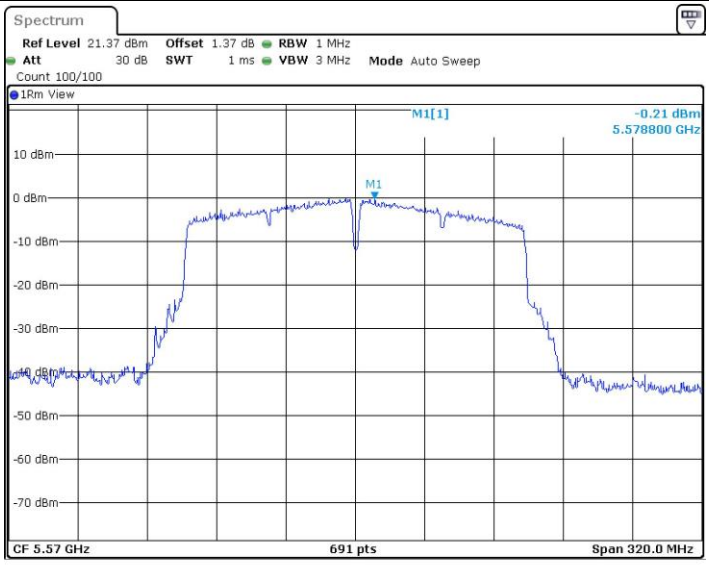


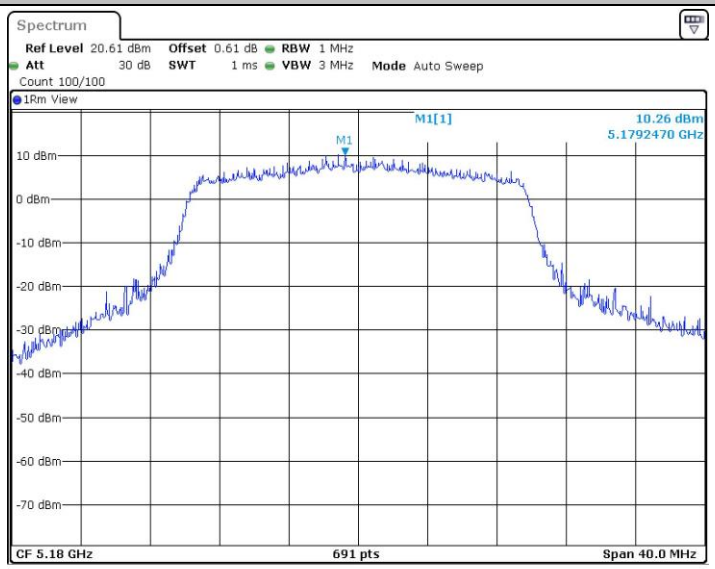
11AC80SISO_Ant1_5775



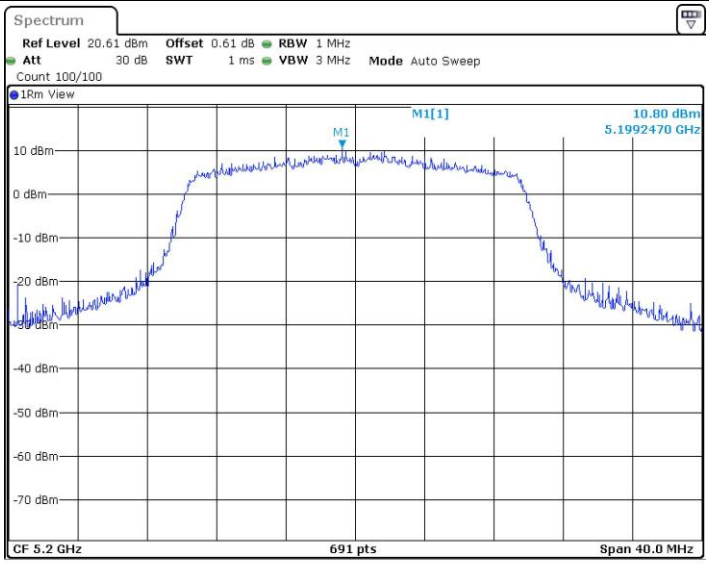
11AC160SISO_Ant1_5250



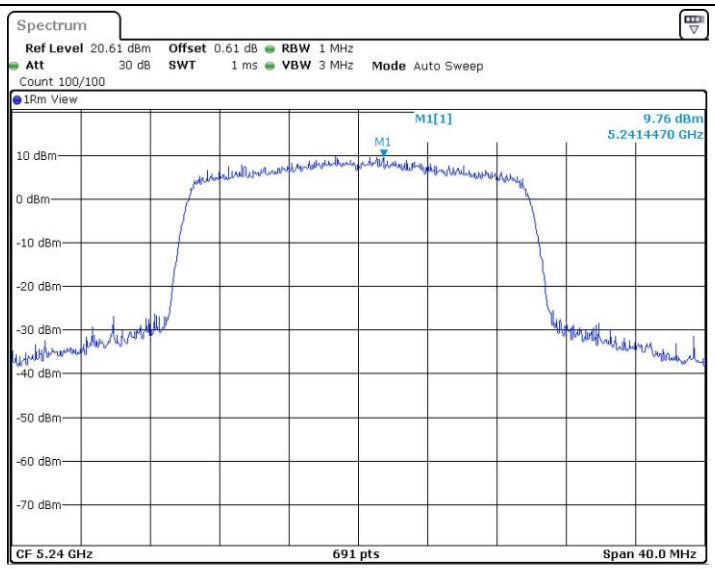
11AC160SISO_Ant1_5570



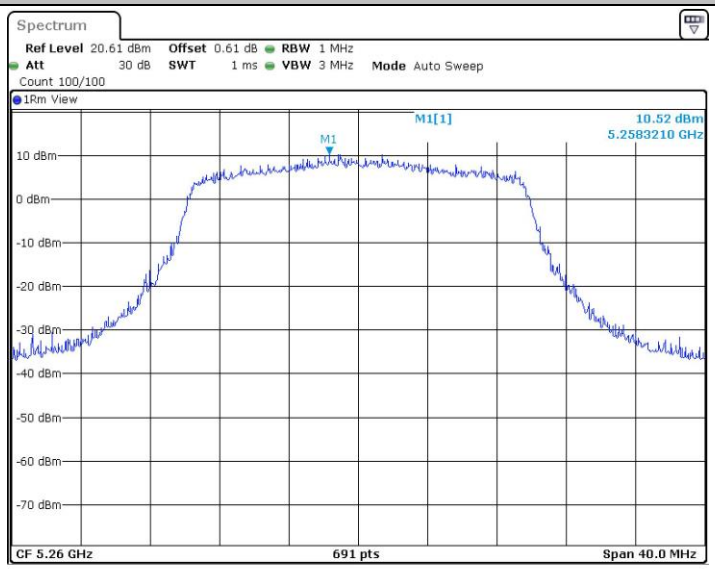
11AX20SISO_Ant1_5180



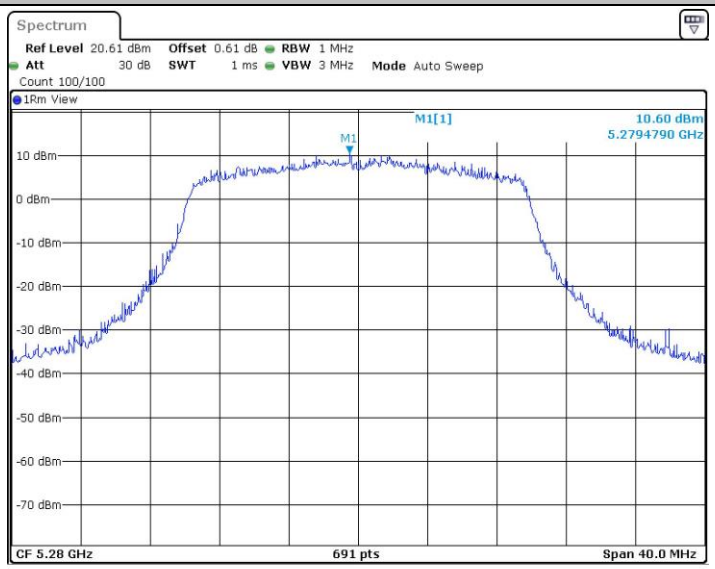
11AX20SISO_Ant1_5200



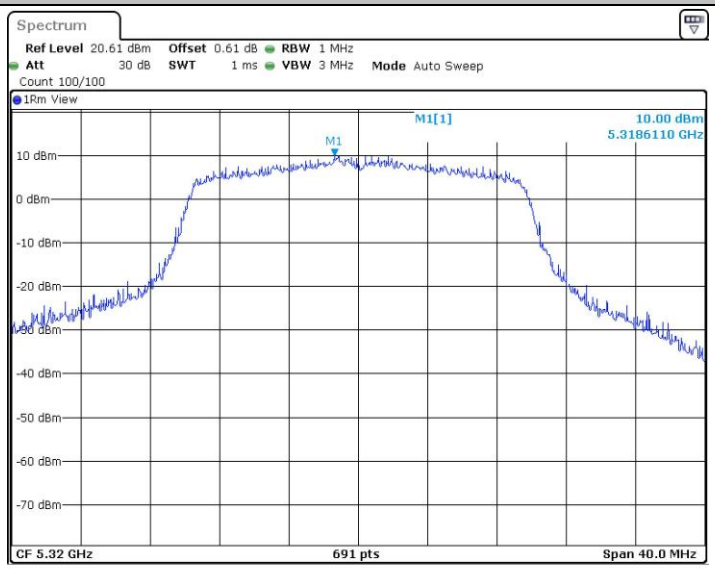
11AX20SISO_Ant1_5240



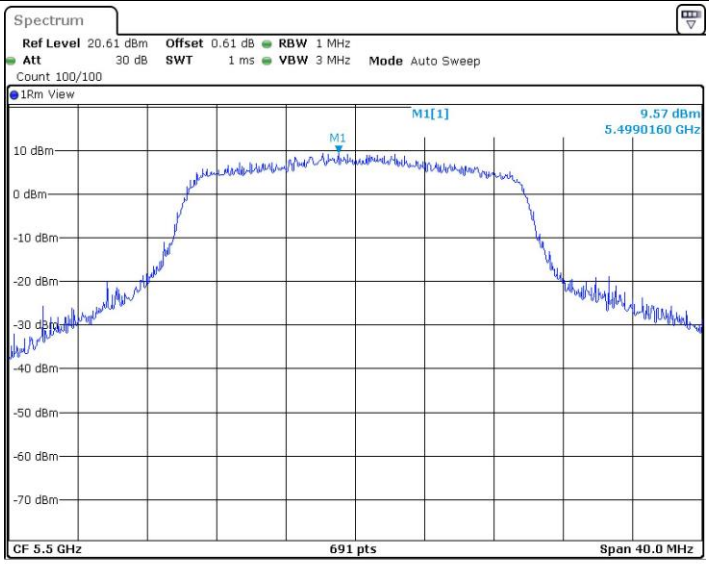
11AX20SISO_Ant1_5260



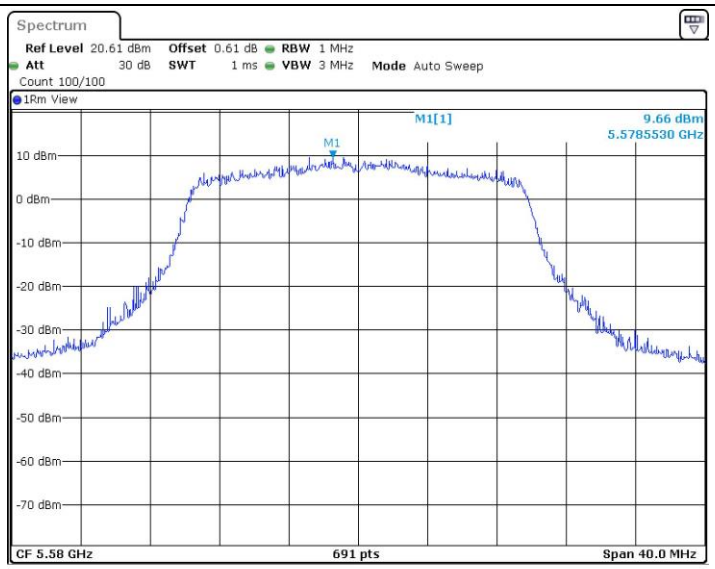
11AX20SISO_Ant1_5280



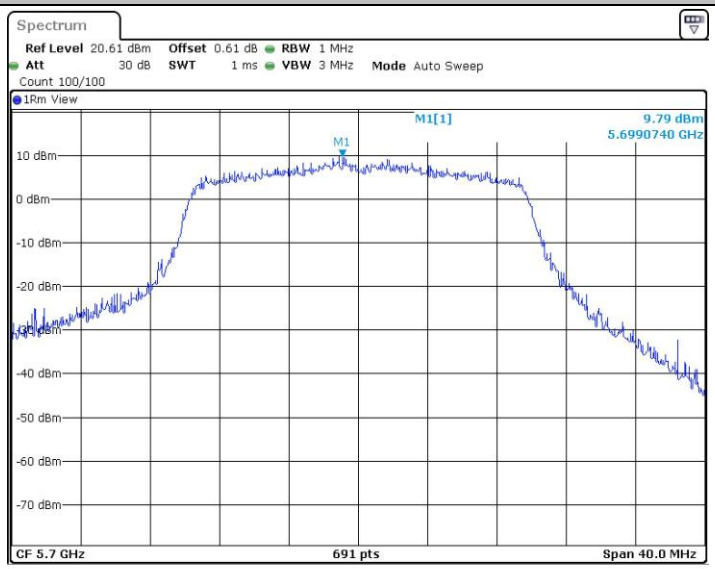
11AX20SISO_Ant1_5320



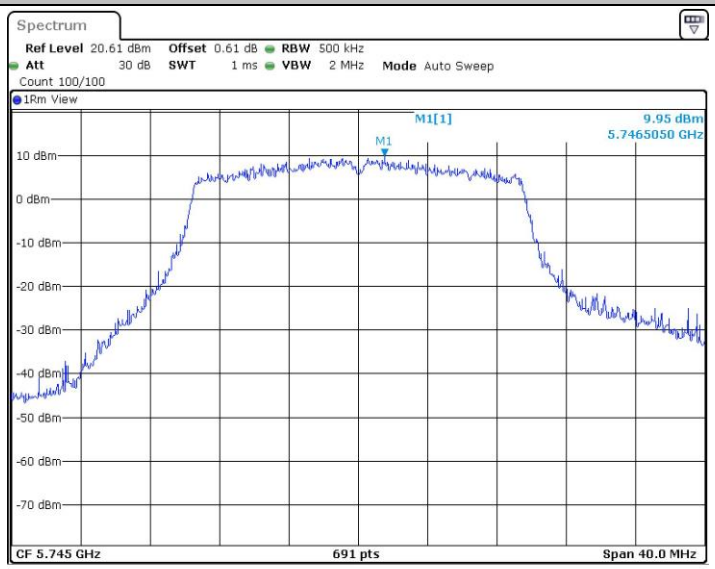
11AX20SISO_Ant1_5500



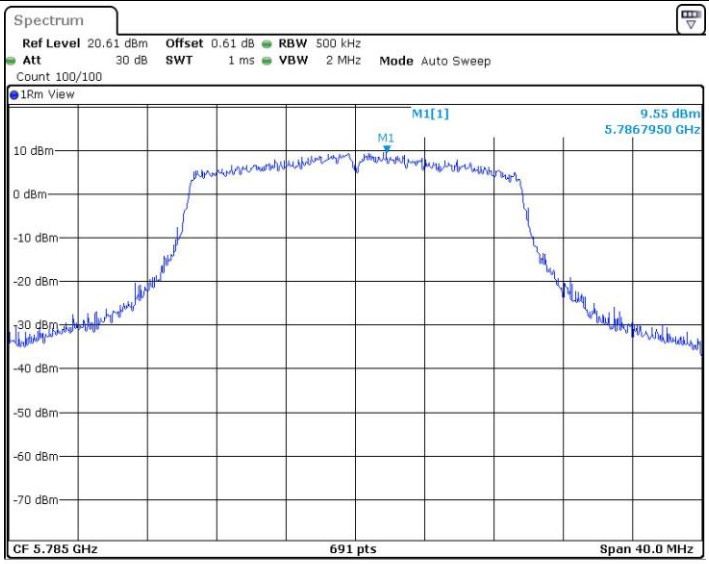
11AX20SISO_Ant1_5580



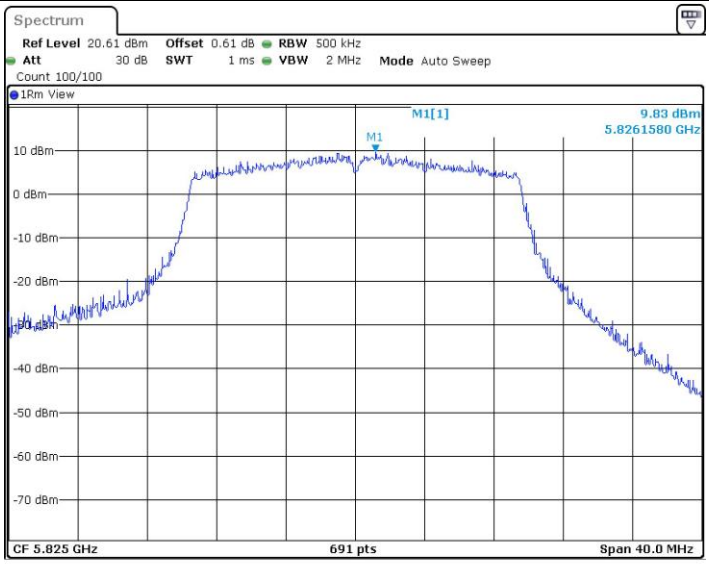
11AX20SISO_Ant1_5700



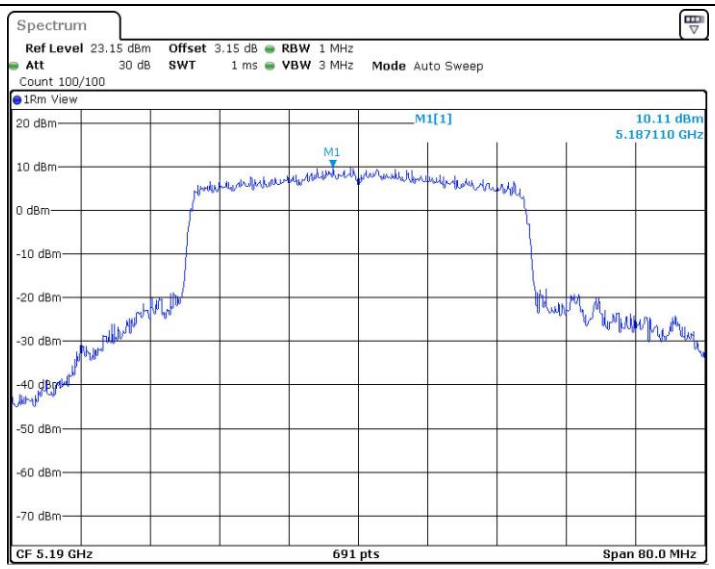
11AX20SISO_Ant1_5745



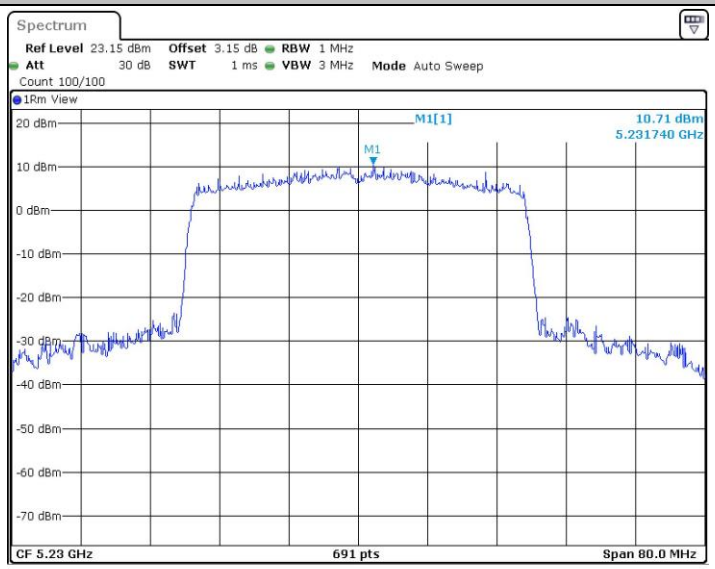
11AX20SISO_Ant1_5785



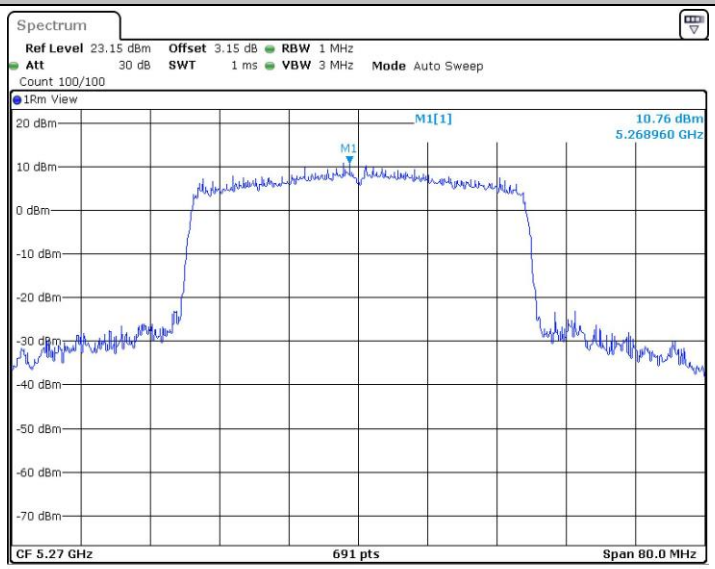
11AX20SISO_Ant1_5825



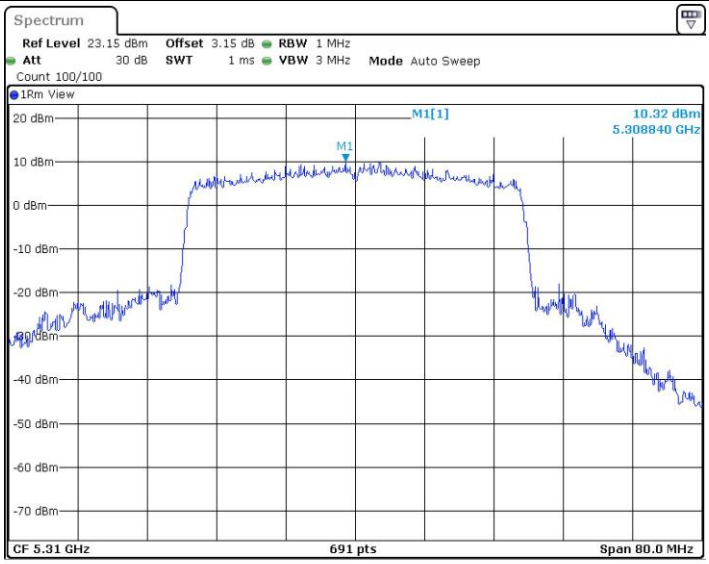
11AX40SISO_Ant1_5190



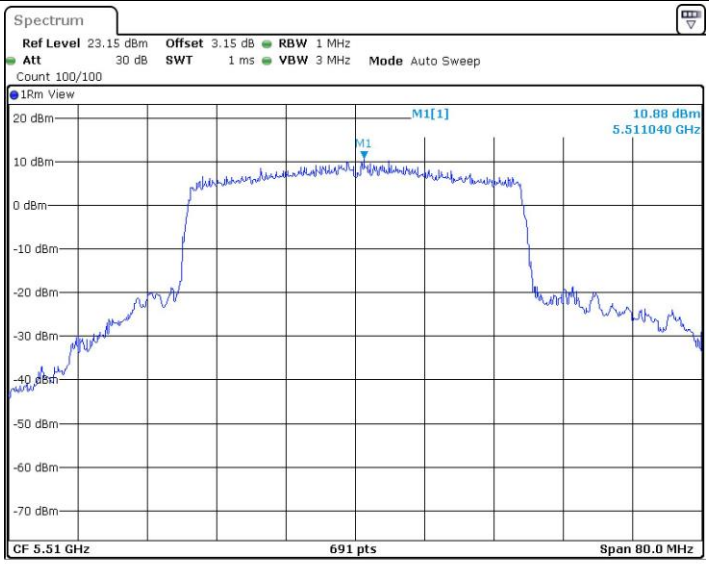
11AX40SISO_Ant1_5230



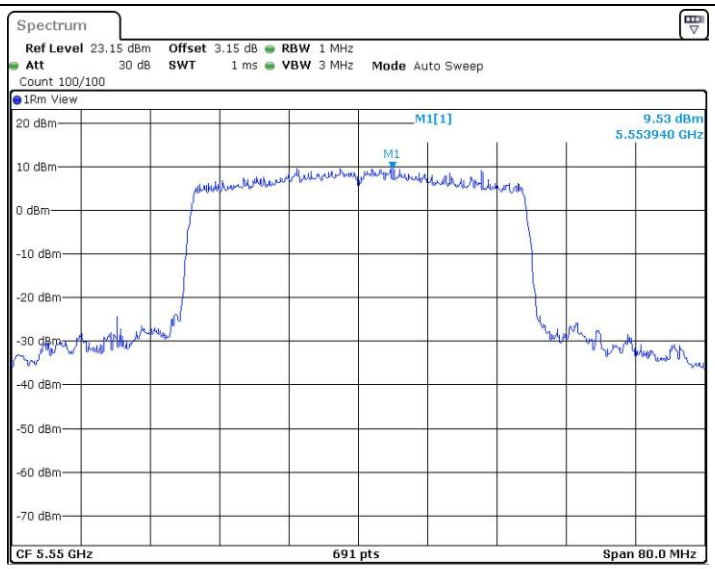
11AX40SISO_Ant1_5270



11AX40SISO_Ant1_5310



11AX40SISO_Ant1_5510



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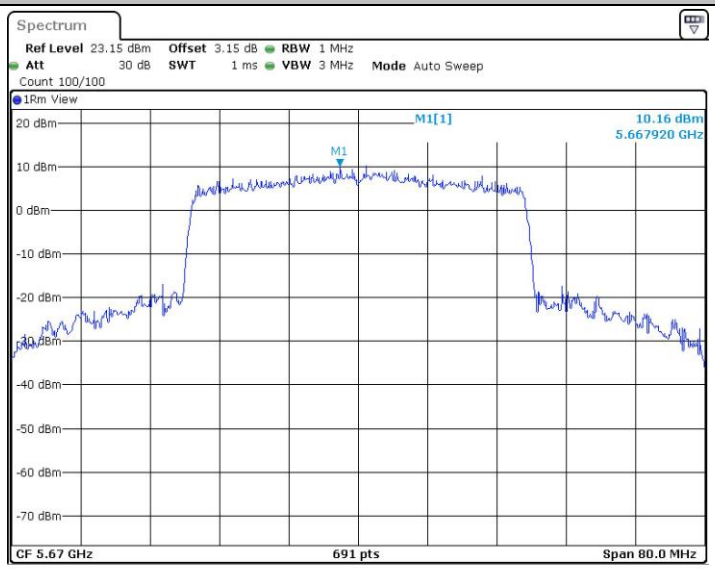
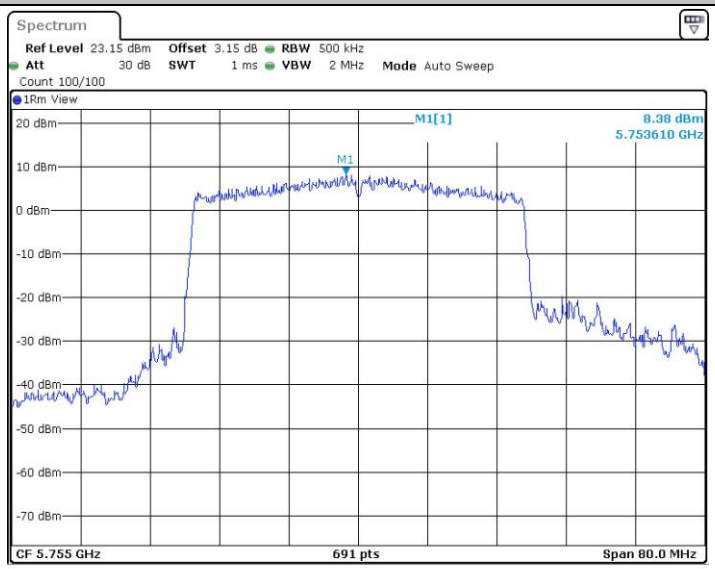
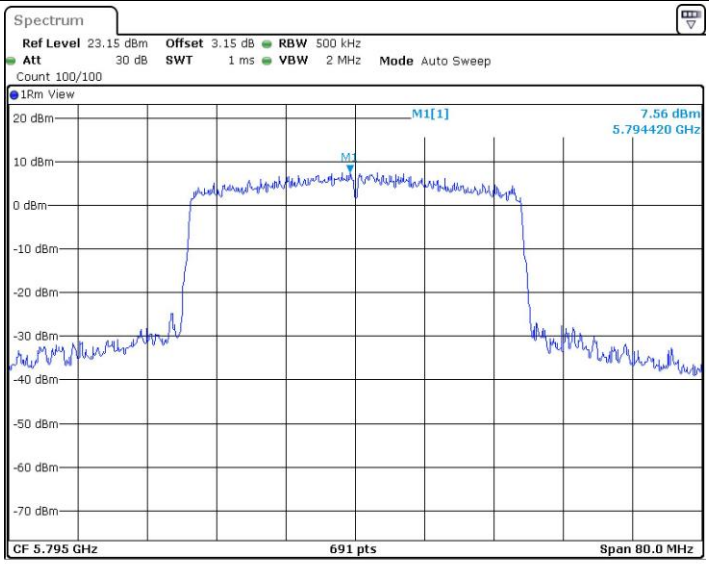


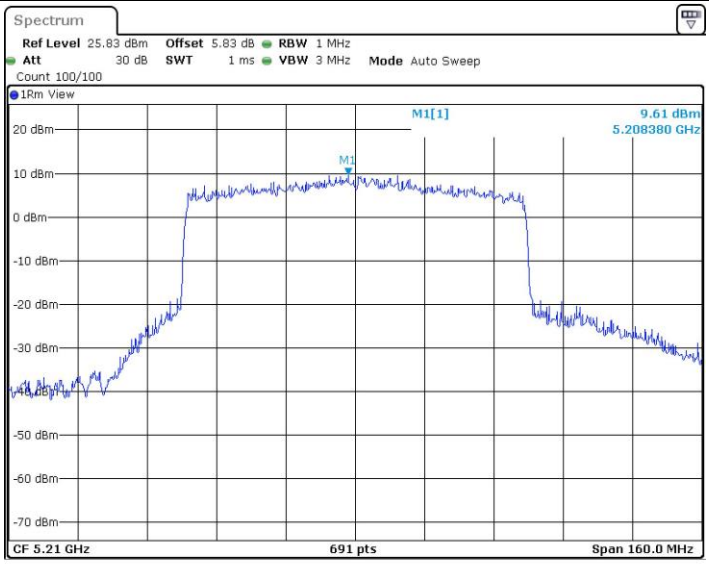
11AX40SISO_Ant1_5670



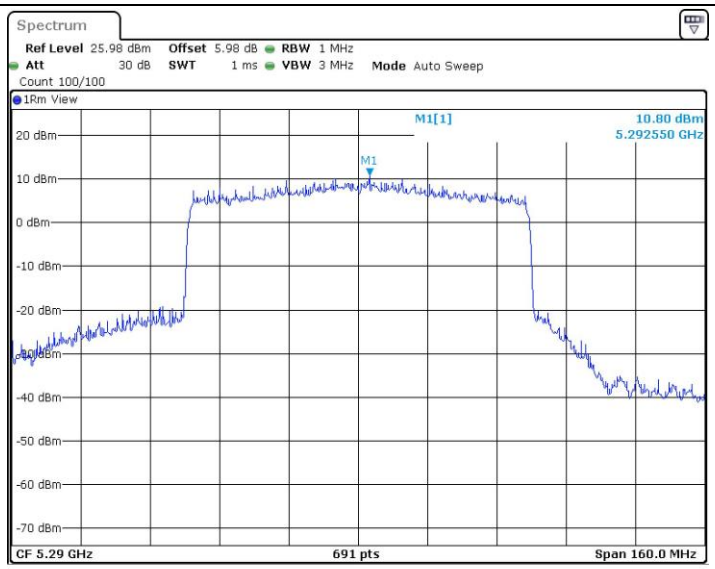
11AX40SISO_Ant1_5755



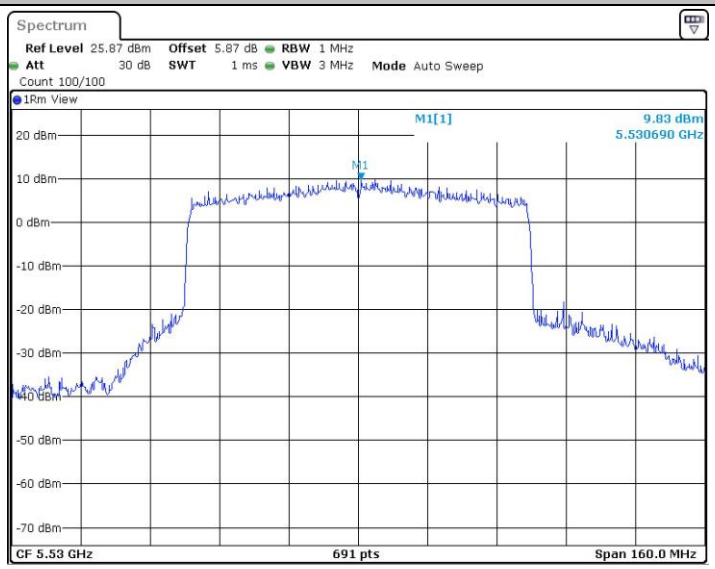
11AX40SISO_Ant1_5795



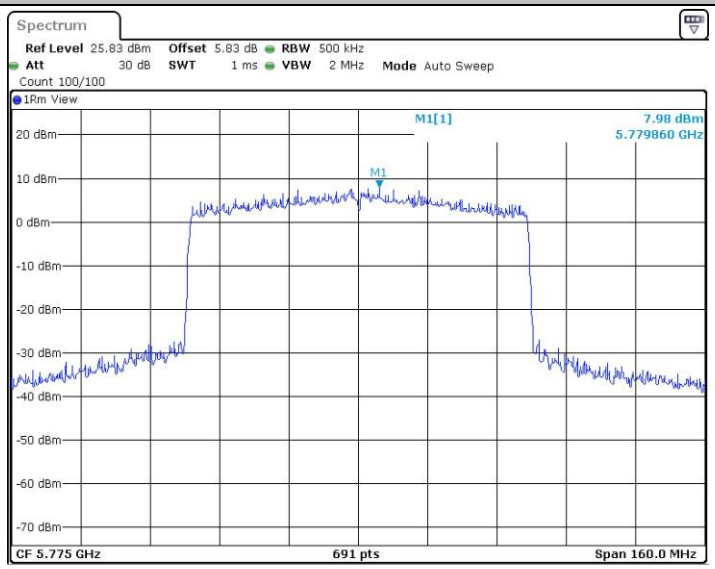
11AX80SISO_Ant1_5210



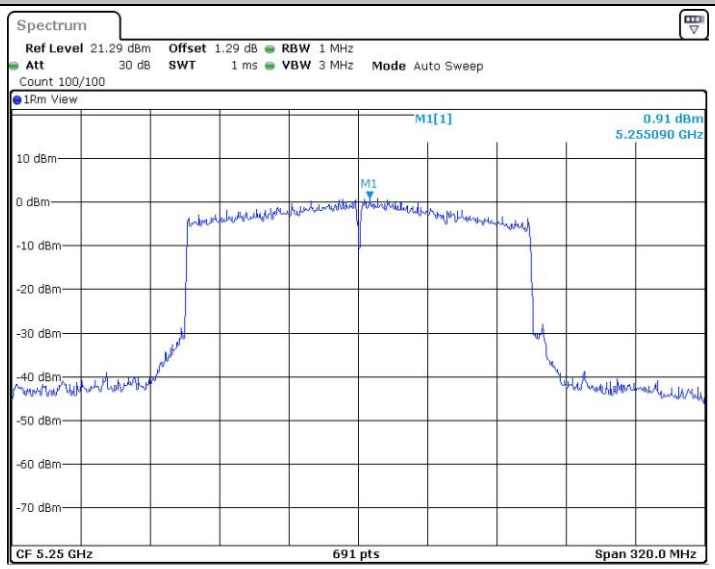
11AX80SISO_Ant1_5290



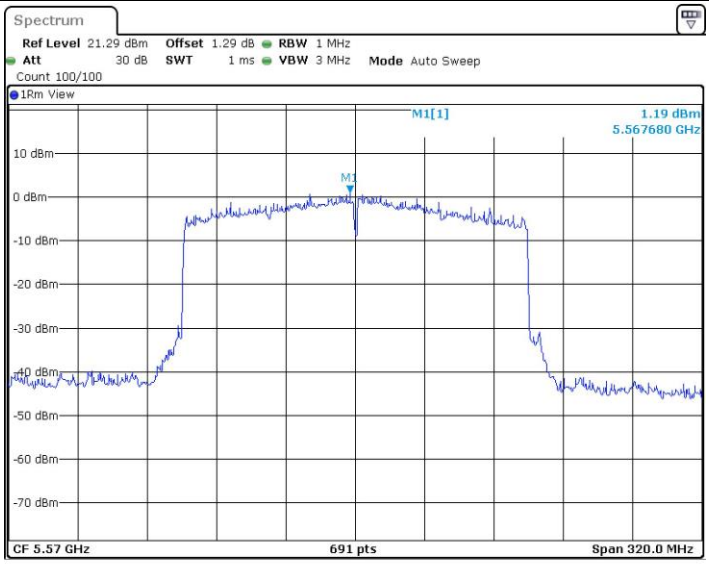
11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5775



11AX160SISO_Ant1_5250



11AX160SISO_Ant1_5570

Appendix D: Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5200	NV	NT	-40000	-7.692308	20	PASS
			LV	NT	-20000	-3.846154	20	PASS
			HV	NT	-20000	-3.846154	20	PASS
		5240	NV	NT	-20000	-3.816794	20	PASS
			LV	NT	-20000	-3.816794	20	PASS
			HV	NT	-20000	-3.816794	20	PASS
		5260	NV	NT	-20000	-3.802281	20	PASS
			LV	NT	-20000	-3.802281	20	PASS
			HV	NT	-20000	-3.802281	20	PASS
		5280	NV	NT	-20000	-3.787879	20	PASS
			LV	NT	-20000	-3.787879	20	PASS
			HV	NT	-20000	-3.787879	20	PASS
		5320	NV	NT	-20000	-3.759398	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5500	NV	NT	-20000	-3.636364	20	PASS
			LV	NT	-20000	-3.636364	20	PASS
			HV	NT	-20000	-3.636364	20	PASS
		5580	NV	NT	0	0	20	PASS
			LV	NT	-20000	-3.584229	20	PASS
			HV	NT	-20000	-3.584229	20	PASS
		5700	NV	NT	-20000	-3.508772	20	PASS
			LV	NT	-20000	-3.508772	20	PASS
			HV	NT	0	0	20	PASS
		5745	NV	NT	-20000	-3.481288	20	PASS
			LV	NT	-20000	-3.481288	20	PASS
			HV	NT	-20000	-3.481288	20	PASS
		5785	NV	NT	-20000	-3.457217	20	PASS
			LV	NT	-20000	-3.457217	20	PASS
			HV	NT	-20000	-3.457217	20	PASS
		5825	NV	NT	-20000	-3.433476	20	PASS
			LV	NT	-20000	-3.433476	20	PASS

			HV	NT	-20000	-3.433476	20	PASS
11N20SISO	Ant1	5180	NV	NT	-20000	-3.861004	20	PASS
			LV	NT	-20000	-3.861004	20	PASS
			HV	NT	0	0	20	PASS
		5200	NV	NT	0	0	20	PASS
			LV	NT	-20000	-3.846154	20	PASS
			HV	NT	0	0	20	PASS
		5240	NV	NT	-20000	-3.816794	20	PASS
			LV	NT	-20000	-3.816794	20	PASS
			HV	NT	0	0	20	PASS
		5260	NV	NT	-20000	-3.802281	20	PASS
			LV	NT	-20000	-3.802281	20	PASS
			HV	NT	-20000	-3.802281	20	PASS
		5280	NV	NT	-20000	-3.787879	20	PASS
			LV	NT	-20000	-3.787879	20	PASS
			HV	NT	0	0	20	PASS
		5320	NV	NT	-20000	-3.759398	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-20000	-3.759398	20	PASS
		5500	NV	NT	-20000	-3.636364	20	PASS
			LV	NT	-20000	-3.636364	20	PASS
			HV	NT	-20000	-3.636364	20	PASS
		5580	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-20000	-3.584229	20	PASS
		5700	NV	NT	0	0	20	PASS
			LV	NT	-20000	-3.508772	20	PASS
			HV	NT	-20000	-3.508772	20	PASS
		5745	NV	NT	-20000	-3.481288	20	PASS
			LV	NT	-20000	-3.481288	20	PASS
			HV	NT	0	0	20	PASS
		5785	NV	NT	0	0	20	PASS
			LV	NT	-20000	-3.457217	20	PASS
			HV	NT	-20000	-3.457217	20	PASS
		5825	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-20000	-3.433476	20	PASS
11N40SISO	Ant1	5190	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5230	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS

		5270	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5310	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5510	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5550	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5670	NV	NT	0	0	20	PASS
			LV	NT	-40000	-7.054674	20	PASS
			HV	NT	0	0	20	PASS
		5755	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5795	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11AC20S ISO	Ant1	5180	NV	NT	-20000	-3.861004	20	PASS
			LV	NT	-20000	-3.861004	20	PASS
			HV	NT	-20000	-3.861004	20	PASS
		5200	NV	NT	-20000	-3.846154	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-20000	-3.846154	20	PASS
		5240	NV	NT	-20000	-3.816794	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-20000	-3.816794	20	PASS
		5260	NV	NT	-20000	-3.802281	20	PASS
			LV	NT	-20000	-3.802281	20	PASS
			HV	NT	0	0	20	PASS
		5280	NV	NT	0	0	20	PASS
			LV	NT	-20000	-3.787879	20	PASS
			HV	NT	-20000	-3.787879	20	PASS
		5320	NV	NT	-20000	-3.759398	20	PASS
			LV	NT	-20000	-3.759398	20	PASS
			HV	NT	-20000	-3.759398	20	PASS
		5500	NV	NT	0	0	20	PASS
			LV	NT	-20000	-3.636364	20	PASS
			HV	NT	-20000	-3.636364	20	PASS
		5580	NV	NT	0	0	20	PASS

			LV	NT	-20000	-3.584229	20	PASS
			HV	NT	-20000	-3.584229	20	PASS
		5700	NV	NT	-20000	-3.508772	20	PASS
			LV	NT	-20000	-3.508772	20	PASS
			HV	NT	-20000	-3.508772	20	PASS
		5745	NV	NT	-20000	-3.481288	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-20000	-3.481288	20	PASS
		5785	NV	NT	-20000	-3.457217	20	PASS
			LV	NT	-20000	-3.457217	20	PASS
			HV	NT	0	0	20	PASS
		5825	NV	NT	-20000	-3.433476	20	PASS
			LV	NT	-20000	-3.433476	20	PASS
			HV	NT	-20000	-3.433476	20	PASS
11AC40S ISO	Ant1	5190	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5230	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5270	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5310	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5510	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5550	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5670	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5755	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5795	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11AC80S ISO	Ant1	5210	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS

			HV	NT	0	0	20	PASS
		5290	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5530	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-80000	-14.466546	20	PASS
		5775	NV	NT	0	0	20	PASS
			LV	NT	80000	13.852814	20	PASS
			HV	NT	0	0	20	PASS
11AC160 SISO	Ant1	5250	NV	NT	-3000	-0.571429	20	PASS
			LV	NT	-3000	-0.571429	20	PASS
			HV	NT	-3000	-0.571429	20	PASS
		5570	NV	NT	-4000	-0.718133	20	PASS
			LV	NT	-3000	-0.5386	20	PASS
			HV	NT	-3000	-0.5386	20	PASS
11AX20S ISO	Ant1	5180	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5200	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5240	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5260	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5280	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5320	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5500	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5580	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5700	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS

		5745	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5785	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5825	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11AX40S ISO	Ant1	5190	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5230	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5270	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5310	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5510	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5550	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5670	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5755	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5795	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11AX80S ISO	Ant1	5210	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5290	NV	NT	-80000	-15.122873	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5530	NV	NT	80000	14.466546	20	PASS

			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5775	NV	NT	80000	13.852814	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11AX160 SISO	Ant1	5250	NV	NT	-4000	-0.761905	20	PASS
			LV	NT	-4000	-0.761905	20	PASS
			HV	NT	-4000	-0.761905	20	PASS
		5570	NV	NT	-6000	-1.077199	20	PASS
			LV	NT	-6000	-1.077199	20	PASS
			HV	NT	-6000	-1.077199	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	0	-40000	-7.722008	20	PASS
			NV	10	-20000	-3.861004	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	35	-20000	-3.861004	20	PASS
		5200	NV	0	0	0	20	PASS
			NV	10	-20000	-3.846154	20	PASS
			NV	20	-20000	-3.846154	20	PASS
			NV	30	-20000	-3.846154	20	PASS
			NV	35	0	0	20	PASS
		5240	NV	0	-20000	-3.816794	20	PASS
			NV	10	-20000	-3.816794	20	PASS
			NV	20	-20000	-3.816794	20	PASS
			NV	30	-20000	-3.816794	20	PASS
			NV	35	-20000	-3.816794	20	PASS
		5260	NV	0	-20000	-3.802281	20	PASS
			NV	10	-20000	-3.802281	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-20000	-3.802281	20	PASS
			NV	35	-20000	-3.802281	20	PASS
		5280	NV	0	-20000	-3.787879	20	PASS
			NV	10	-20000	-3.787879	20	PASS
			NV	20	-20000	-3.787879	20	PASS
			NV	30	-20000	-3.787879	20	PASS
			NV	35	-20000	-3.787879	20	PASS
		5320	NV	0	0	0	20	PASS
			NV	10	-20000	-3.759398	20	PASS
			NV	20	-20000	-3.759398	20	PASS

			NV	30	-20000	-3.759398	20	PASS
			NV	35	0	0	20	PASS
		5500	NV	0	-20000	-3.636364	20	PASS
			NV	10	-20000	-3.636364	20	PASS
			NV	20	-20000	-3.636364	20	PASS
			NV	30	0	0	20	PASS
			NV	35	0	0	20	PASS
		5580	NV	0	-20000	-3.584229	20	PASS
			NV	10	-20000	-3.584229	20	PASS
			NV	20	-20000	-3.584229	20	PASS
			NV	30	-20000	-3.584229	20	PASS
			NV	35	-40000	-7.168459	20	PASS
		5700	NV	0	-20000	-3.508772	20	PASS
			NV	10	-20000	-3.508772	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	35	-20000	-3.508772	20	PASS
		5745	NV	0	-20000	-3.481288	20	PASS
			NV	10	-20000	-3.481288	20	PASS
			NV	20	-20000	-3.481288	20	PASS
			NV	30	-20000	-3.481288	20	PASS
			NV	35	-20000	-3.481288	20	PASS
		5785	NV	0	-20000	-3.457217	20	PASS
			NV	10	0	0	20	PASS
			NV	20	-20000	-3.457217	20	PASS
			NV	30	-20000	-3.457217	20	PASS
			NV	35	-20000	-3.457217	20	PASS
		5825	NV	0	-20000	-3.433476	20	PASS
			NV	10	-20000	-3.433476	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-20000	-3.433476	20	PASS
			NV	35	0	0	20	PASS
11N20SISO	Ant1	5180	NV	0	-20000	-3.861004	20	PASS
			NV	10	-20000	-3.861004	20	PASS
			NV	20	-20000	-3.861004	20	PASS
			NV	30	-20000	-3.861004	20	PASS
			NV	35	-20000	-3.861004	20	PASS
		5200	NV	0	-20000	-3.846154	20	PASS
			NV	10	0	0	20	PASS
			NV	20	-20000	-3.846154	20	PASS
			NV	30	0	0	20	PASS
			NV	35	0	0	20	PASS
		5240	NV	0	-20000	-3.816794	20	PASS

			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	35	-20000	-3.816794	20	PASS
		5260	NV	0	-20000	-3.802281	20	PASS
			NV	10	-20000	-3.802281	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-20000	-3.802281	20	PASS
			NV	35	0	0	20	PASS
		5280	NV	0	0	0	20	PASS
			NV	10	-20000	-3.787879	20	PASS
			NV	20	-20000	-3.787879	20	PASS
			NV	30	0	0	20	PASS
			NV	35	-20000	-3.787879	20	PASS
		5320	NV	0	-20000	-3.759398	20	PASS
			NV	10	-20000	-3.759398	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	35	-20000	-3.759398	20	PASS
		5500	NV	0	-20000	-3.636364	20	PASS
			NV	10	-20000	-3.636364	20	PASS
			NV	20	0	0	20	PASS
			NV	30	20000	3.636364	20	PASS
			NV	35	-20000	-3.636364	20	PASS
		5580	NV	0	-20000	-3.584229	20	PASS
			NV	10	-20000	-3.584229	20	PASS
			NV	20	-20000	-3.584229	20	PASS
			NV	30	-20000	-3.584229	20	PASS
			NV	35	0	0	20	PASS
		5700	NV	0	-20000	-3.508772	20	PASS
			NV	10	0	0	20	PASS
			NV	20	-20000	-3.508772	20	PASS
			NV	30	-20000	-3.508772	20	PASS
			NV	35	0	0	20	PASS
		5745	NV	0	-20000	-3.481288	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-20000	-3.481288	20	PASS
			NV	35	-20000	-3.481288	20	PASS
		5785	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	-20000	-3.457217	20	PASS
			NV	30	0	0	20	PASS

			NV	35	-20000	-3.457217	20	PASS
		5825	NV	0	-20000	-3.433476	20	PASS
			NV	10	-20000	-3.433476	20	PASS
			NV	20	-20000	-3.433476	20	PASS
			NV	30	-20000	-3.433476	20	PASS
			NV	35	-20000	-3.433476	20	PASS
11N40SISO	Ant1	5190	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	35	0	0	20	PASS
		5230	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	35	0	0	20	PASS
		5270	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	35	0	0	20	PASS
		5310	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	35	0	0	20	PASS
		5510	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	35	0	0	20	PASS
		5550	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	35	0	0	20	PASS
		5670	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	35	0	0	20	PASS
		5755	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS

			NV	20	0	0	20	PASS
			NV	30	-40000	-6.950478	20	PASS
			NV	35	0	0	20	PASS
		5795	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-40000	-6.902502	20	PASS
			NV	35	0	0	20	PASS
11AC20S ISO	Ant1	5180	NV	0	0	0	20	PASS
			NV	10	-20000	-3.861004	20	PASS
			NV	20	-20000	-3.861004	20	PASS
			NV	30	-20000	-3.861004	20	PASS
			NV	35	-20000	-3.861004	20	PASS
		5200	NV	0	-20000	-3.846154	20	PASS
			NV	10	0	0	20	PASS
			NV	20	-20000	-3.846154	20	PASS
			NV	30	0	0	20	PASS
			NV	35	-20000	-3.846154	20	PASS
		5240	NV	0	-20000	-3.816794	20	PASS
			NV	10	0	0	20	PASS
			NV	20	-20000	-3.816794	20	PASS
			NV	30	0	0	20	PASS
			NV	35	0	0	20	PASS
		5260	NV	0	-20000	-3.802281	20	PASS
			NV	10	-20000	-3.802281	20	PASS
			NV	20	-20000	-3.802281	20	PASS
			NV	30	0	0	20	PASS
			NV	35	-20000	-3.802281	20	PASS
		5280	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	35	-20000	-3.787879	20	PASS
		5320	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	-20000	-3.759398	20	PASS
			NV	30	-20000	-3.759398	20	PASS
			NV	35	0	0	20	PASS
		5500	NV	0	-20000	-3.636364	20	PASS
			NV	10	-20000	-3.636364	20	PASS
			NV	20	-20000	-3.636364	20	PASS
			NV	30	0	0	20	PASS
			NV	35	-20000	-3.636364	20	PASS

		5580	NV	0	-20000	-3.584229	20	PASS
			NV	10	-20000	-3.584229	20	PASS
			NV	20	-40000	-7.168459	20	PASS
			NV	30	0	0	20	PASS
			NV	35	-20000	-3.584229	20	PASS
		5700	NV	0	-20000	-3.508772	20	PASS
			NV	10	-20000	-3.508772	20	PASS
			NV	20	-20000	-3.508772	20	PASS
			NV	30	-20000	-3.508772	20	PASS
			NV	35	-20000	-3.508772	20	PASS
		5745	NV	0	-20000	-3.481288	20	PASS
			NV	10	-20000	-3.481288	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-20000	-3.481288	20	PASS
			NV	35	-20000	-3.481288	20	PASS
		5785	NV	0	-20000	-3.457217	20	PASS
			NV	10	-20000	-3.457217	20	PASS
			NV	20	-20000	-3.457217	20	PASS
			NV	30	-20000	-3.457217	20	PASS
			NV	35	0	0	20	PASS
		5825	NV	0	0	0	20	PASS
			NV	10	-40000	-6.866953	20	PASS
			NV	20	-20000	-3.433476	20	PASS
			NV	30	-20000	-3.433476	20	PASS
			NV	35	-20000	-3.433476	20	PASS
11AC40S ISO	Ant1	5190	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	35	0	0	20	PASS
		5230	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	35	0	0	20	PASS
		5270	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	35	0	0	20	PASS
		5310	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	35	0	0	20	PASS
		5510	NV	0	-40000	-7.259528	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	35	0	0	20	PASS
		5550	NV	0	-40000	-7.207207	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	35	0	0	20	PASS
		5670	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	35	0	0	20	PASS
		5755	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	35	0	0	20	PASS
		5795	NV	0	-40000	-6.902502	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	35	0	0	20	PASS
11AC80S ISO	Ant1	5210	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	35	0	0	20	PASS
		5290	NV	0	-80000	-15.122873	20	PASS
			NV	10	80000	15.122873	20	PASS
			NV	20	80000	15.122873	20	PASS
			NV	30	-80000	-15.122873	20	PASS
			NV	35	0	0	20	PASS
		5530	NV	0	0	0	20	PASS
			NV	10	-80000	-14.466546	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	35	0	0	20	PASS
		5775	NV	0	0	0	20	PASS

			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-80000	-13.852814	20	PASS
			NV	35	80000	13.852814	20	PASS
11AC160 SISO	Ant1	5250	NV	0	-3000	-0.571429	20	PASS
			NV	10	-4000	-0.761905	20	PASS
			NV	20	-3000	-0.571429	20	PASS
			NV	30	-3000	-0.571429	20	PASS
			NV	35	-3000	-0.571429	20	PASS
		5570	NV	0	-3000	-0.5386	20	PASS
			NV	10	-3000	-0.5386	20	PASS
			NV	20	-4000	-0.718133	20	PASS
			NV	30	-4000	-0.718133	20	PASS
			NV	35	-4000	-0.718133	20	PASS
11AX20S ISO	Ant1	5180	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	35	0	0	20	PASS
		5200	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	35	0	0	20	PASS
		5240	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	35	0	0	20	PASS
		5260	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	35	0	0	20	PASS
		5280	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	35	0	0	20	PASS
		5320	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	35	0	0	20	PASS
		5500	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	35	0	0	20	PASS
		5580	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	35	0	0	20	PASS
		5700	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	35	0	0	20	PASS
		5745	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	35	0	0	20	PASS
		5785	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	35	0	0	20	PASS
		5825	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	35	0	0	20	PASS
11AX40S ISO	Ant1	5190	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	35	0	0	20	PASS
		5230	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	35	0	0	20	PASS
		5270	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	35	0	0	20	PASS
		5310	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	35	0	0	20	PASS
		5510	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	35	0	0	20	PASS
		5550	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	35	0	0	20	PASS
		5670	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	35	0	0	20	PASS
		5755	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	35	0	0	20	PASS
		5795	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	35	0	0	20	PASS
11AX80S ISO	Ant1	5210	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	35	80000	15.355086	20	PASS
		5290	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	80000	15.122873	20	PASS
			NV	30	0	0	20	PASS
			NV	35	80000	15.122873	20	PASS

		5530	NV	0	80000	14.466546	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	35	0	0	20	PASS
		5775	NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-80000	-13.852814	20	PASS
			NV	35	0	0	20	PASS
11AX160 SISO	Ant1	5250	NV	0	-4000	-0.761905	20	PASS
			NV	10	-4000	-0.761905	20	PASS
			NV	20	-4000	-0.761905	20	PASS
			NV	30	-4000	-0.761905	20	PASS
			NV	35	-4000	-0.761905	20	PASS
		5570	NV	0	-6000	-1.077199	20	PASS
			NV	10	-6000	-1.077199	20	PASS
			NV	20	-6000	-1.077199	20	PASS
			NV	30	-6000	-1.077199	20	PASS
			NV	35	-6000	-1.077199	20	PASS