

Ant1

Frequency (MHz)	Enviroment Temperature (Dregree)	Voltage (VDC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5230	20	4.07	5229.942115	5150 – 5250	PASS
5230	20	3.33	5229.909968	5150 – 5250	PASS
5230	50	3.70	5230.079754	5150 – 5250	PASS
5230	40	3.70	5230.049069	5150 – 5250	PASS
5230	30	3.70	5230.053682	5150 – 5250	PASS
5230	20	3.70	5229.996703	5150 – 5250	PASS
5230	10	3.70	5230.037926	5150 – 5250	PASS
5230	0	3.70	5230.058278	5150 – 5250	PASS
5230	-10	3.70	5230.070241	5150 – 5250	PASS
5230	-20	3.70	5229.960882	5150 – 5250	PASS
5230	-30	3.70	5229.926624	5150 – 5250	PASS

Ant1

Frequency (MHz)	Enviroment Temperature (Dregree)	Voltage (VDC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5210	20	4.07	5210.091640	5150 – 5250	PASS
5210	20	3.33	5210.043473	5150 – 5250	PASS
5210	50	3.70	5210.032886	5150 – 5250	PASS
5210	40	3.70	5210.027515	5150 – 5250	PASS
5210	30	3.70	5210.042971	5150 – 5250	PASS
5210	20	3.70	5209.971419	5150 – 5250	PASS
5210	10	3.70	5210.047780	5150 – 5250	PASS
5210	0	3.70	5209.997254	5150 – 5250	PASS
5210	-10	3.70	5209.970826	5150 – 5250	PASS
5210	-20	3.70	5209.927968	5150 – 5250	PASS
5210	-30	3.70	5210.061009	5150 – 5250	PASS

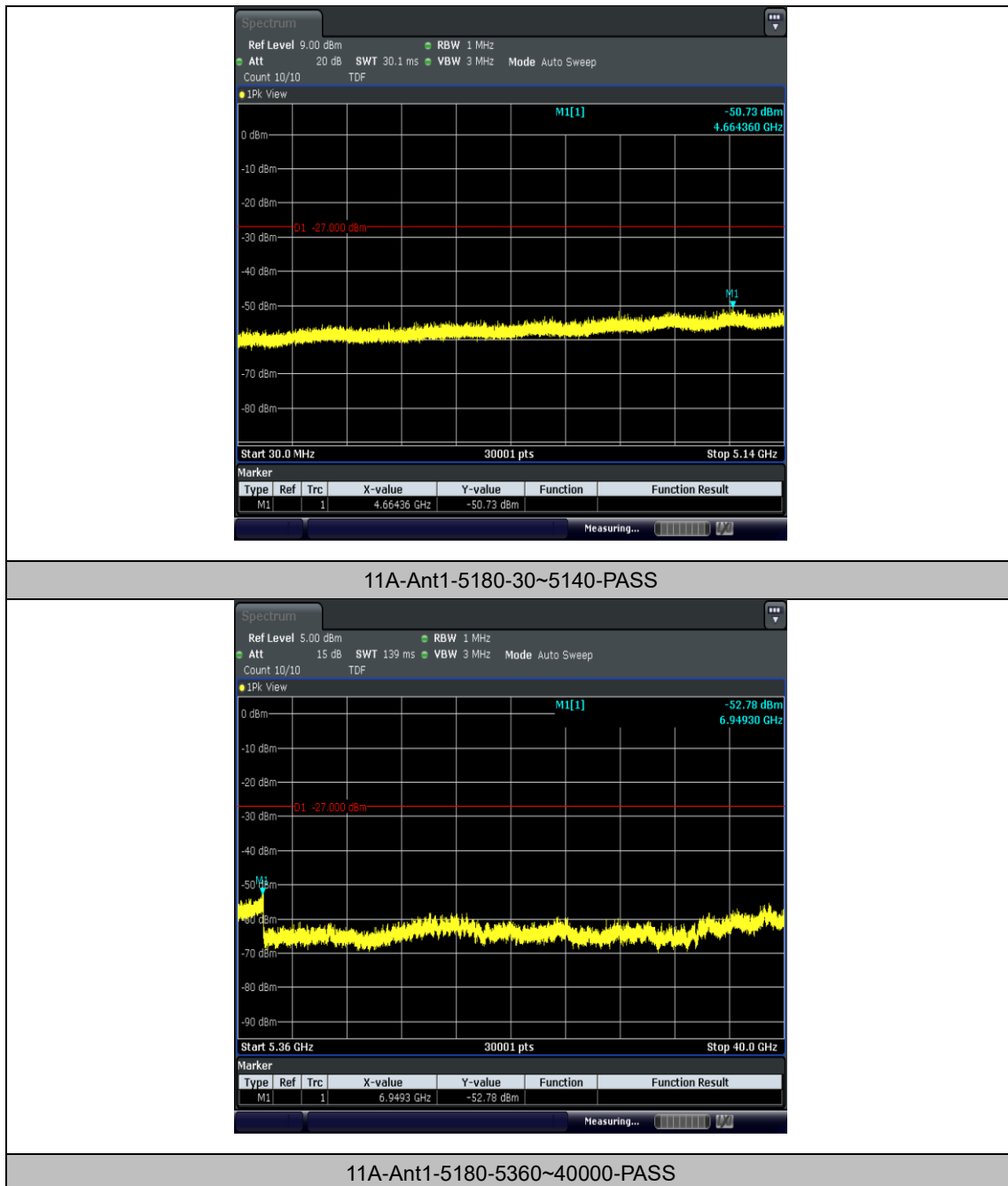
Appendix F: Conducted Spurious Emission

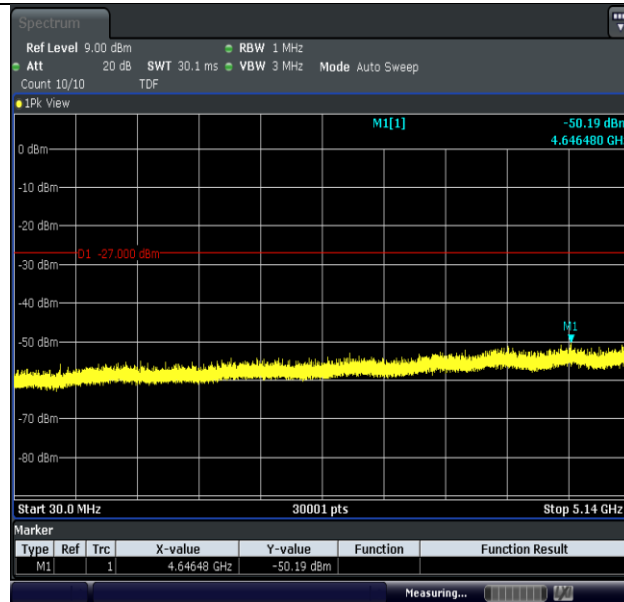
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	4664.36	-50.73	≤-27	PASS
11A	Ant1	5180	5360~40000	6949.3	-52.78	≤-27	PASS
11A	Ant1	5200	30~5140	4646.48	-50.19	≤-27	PASS
11A	Ant1	5200	5360~40000	6845.4	-52.52	≤-27	PASS
11A	Ant1	5240	30~5140	4864.84	-50.09	≤-27	PASS
11A	Ant1	5240	5360~40000	6981.7	-52.89	≤-27	PASS
11A	Ant1	5745	30~5650	5368.17	-48.38	≤-27	PASS
11A	Ant1	5745	5925~40000	38744.4	-45.46	≤-27	PASS
11A	Ant1	5785	30~5650	5316.65	-48.78	≤-27	PASS
11A	Ant1	5785	5925~40000	38792.1	-45.7	≤-27	PASS
11A	Ant1	5825	30~5650	5219.24	-49.64	≤-27	PASS
11A	Ant1	5825	5925~40000	39080.6	-46.39	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	4623.14	-50.84	≤-27	PASS
11N20SISO	Ant1	5180	5360~40000	6997.8	-52.77	≤-27	PASS
11N20SISO	Ant1	5200	30~5140	4123.57	-51.12	≤-27	PASS
11N20SISO	Ant1	5200	5360~40000	6454	-53.41	≤-27	PASS
11N20SISO	Ant1	5240	30~5140	5056.79	-50.19	≤-27	PASS
11N20SISO	Ant1	5240	5360~40000	6957.4	-53.24	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5331.45	-49.62	≤-27	PASS
11N20SISO	Ant1	5745	5925~40000	38778.5	-46.24	≤-27	PASS
11N20SISO	Ant1	5785	30~5650	5313.84	-49.46	≤-27	PASS
11N20SISO	Ant1	5785	5925~40000	39065.8	-46.21	≤-27	PASS
11N20SISO	Ant1	5825	30~5650	5247.9	-49.76	≤-27	PASS
11N20SISO	Ant1	5825	5925~40000	38815.9	-45.32	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	4804.03	-50.17	≤-27	PASS
11N40SISO	Ant1	5190	5360~40000	6999	-52.26	≤-27	PASS
11N40SISO	Ant1	5230	30~5140	4147.25	-51.06	≤-27	PASS
11N40SISO	Ant1	5230	5360~40000	6994.4	-52.44	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5408.25	-48.29	≤-27	PASS
11N40SISO	Ant1	5755	5925~40000	39081.7	-45.58	≤-27	PASS
11N40SISO	Ant1	5795	30~5650	5259.89	-49.67	≤-27	PASS
11N40SISO	Ant1	5795	5925~40000	38745.5	-46.12	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5049.13	-50	≤-27	PASS
11AC20SISO	Ant1	5180	5360~40000	6960.9	-53.24	≤-27	PASS
11AC20SISO	Ant1	5200	30~5140	4653.97	-51.35	≤-27	PASS
11AC20SISO	Ant1	5200	5360~40000	6956.3	-52.1	≤-27	PASS
11AC20SISO	Ant1	5240	30~5140	4739.13	-51.16	≤-27	PASS
11AC20SISO	Ant1	5240	5360~40000	6693	-52.27	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5337.44	-49.2	≤-27	PASS
11AC20SISO	Ant1	5745	5925~40000	38775	-45.84	≤-27	PASS

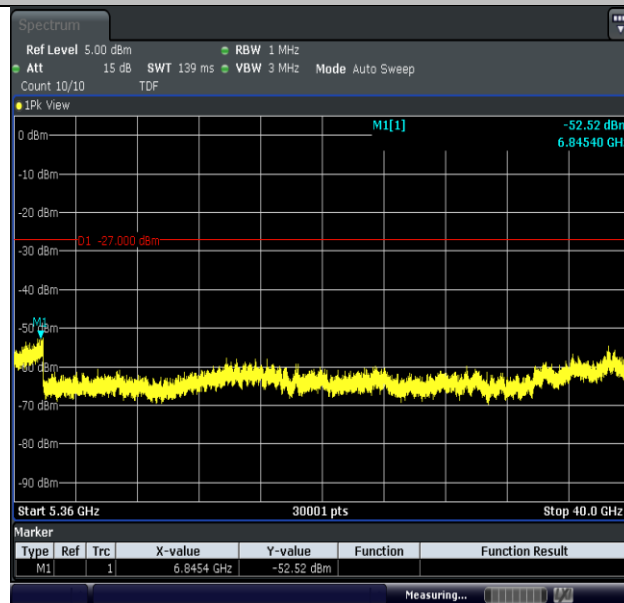
11AC20SISO	Ant1	5785	30~5650	5322.83	-49.49	≤-27	PASS
11AC20SISO	Ant1	5785	5925~40000	38737.6	-46.48	≤-27	PASS
11AC20SISO	Ant1	5825	30~5650	5423.43	-48.9	≤-27	PASS
11AC20SISO	Ant1	5825	5925~40000	39024.9	-46.33	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5114.54	-50.96	≤-27	PASS
11AC40SISO	Ant1	5190	5360~40000	6943.6	-52.52	≤-27	PASS
11AC40SISO	Ant1	5230	30~5140	5056.28	-50.3	≤-27	PASS
11AC40SISO	Ant1	5230	5360~40000	6992.1	-52.89	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5362.55	-49.76	≤-27	PASS
11AC40SISO	Ant1	5755	5925~40000	38772.8	-44.93	≤-27	PASS
11AC40SISO	Ant1	5795	30~5650	5314.97	-49.4	≤-27	PASS
11AC40SISO	Ant1	5795	5925~40000	39010.2	-46.28	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	4259.66	-50.72	≤-27	PASS
11AC80SISO	Ant1	5210	5360~40000	6833.9	-51.14	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5479.81	-47.78	≤-27	PASS
11AC80SISO	Ant1	5775	5925~40000	38812.5	-45.43	≤-27	PASS

Test Graphs

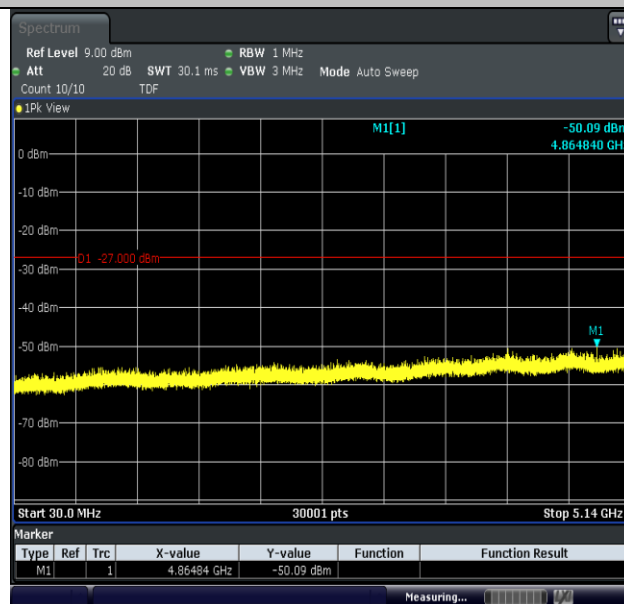




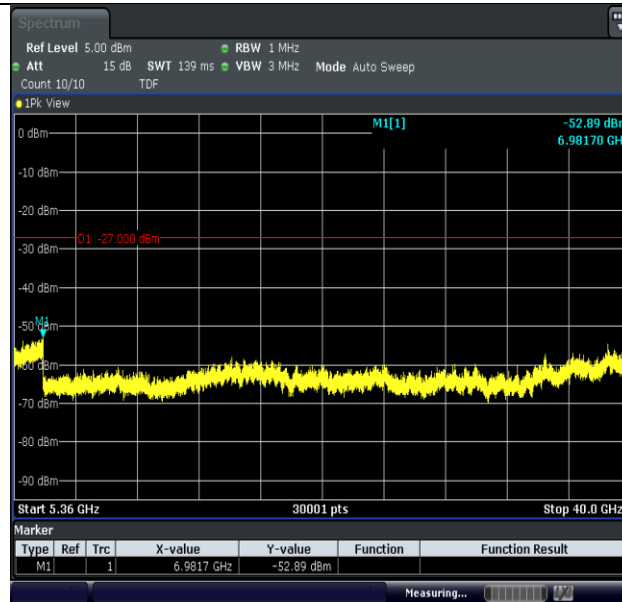
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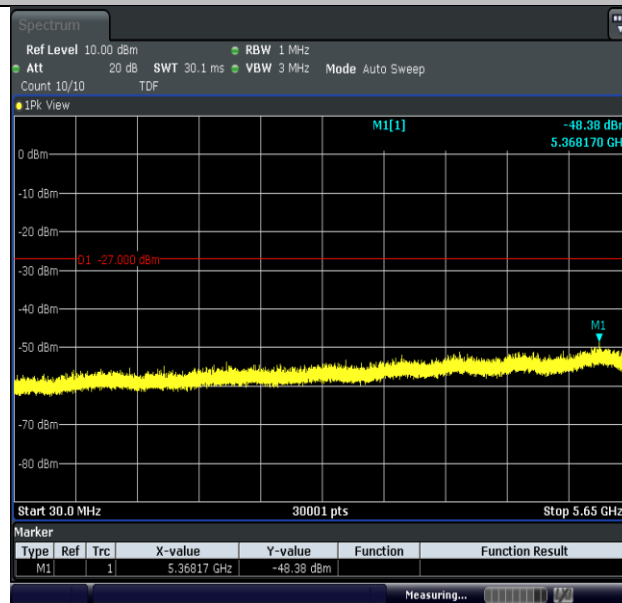
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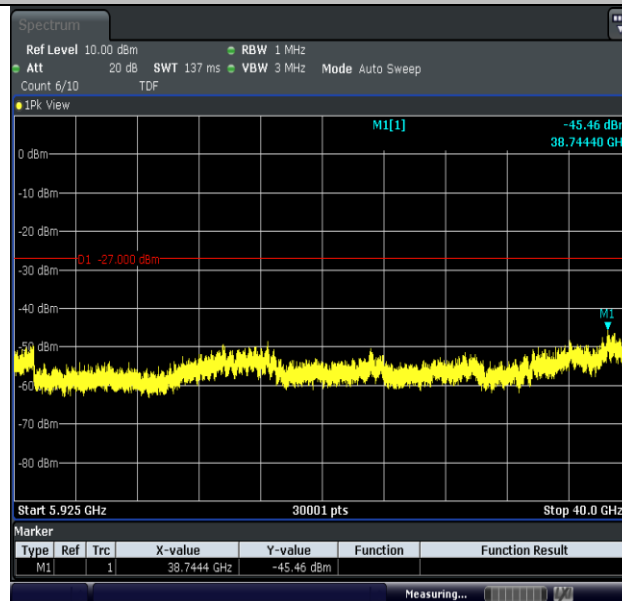
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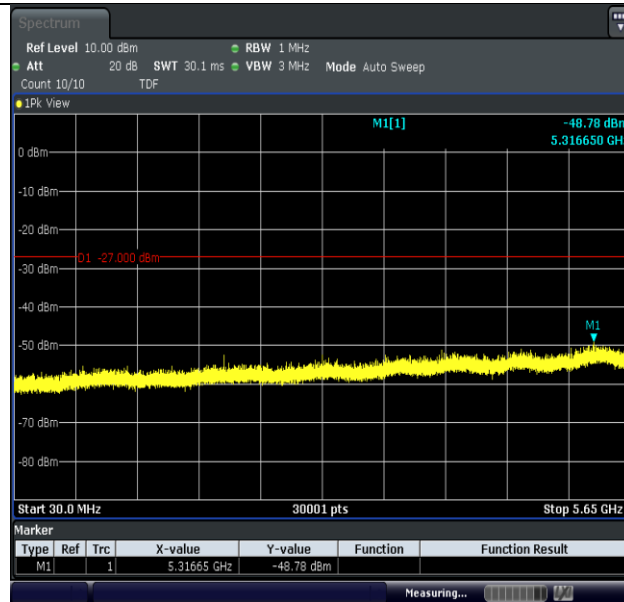
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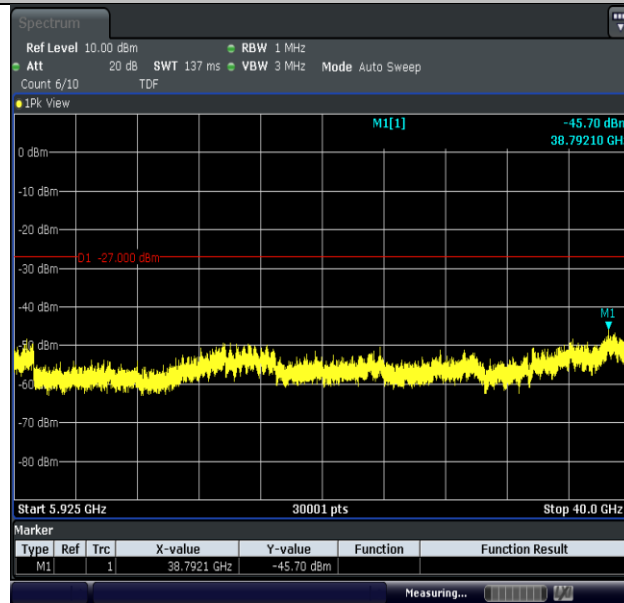
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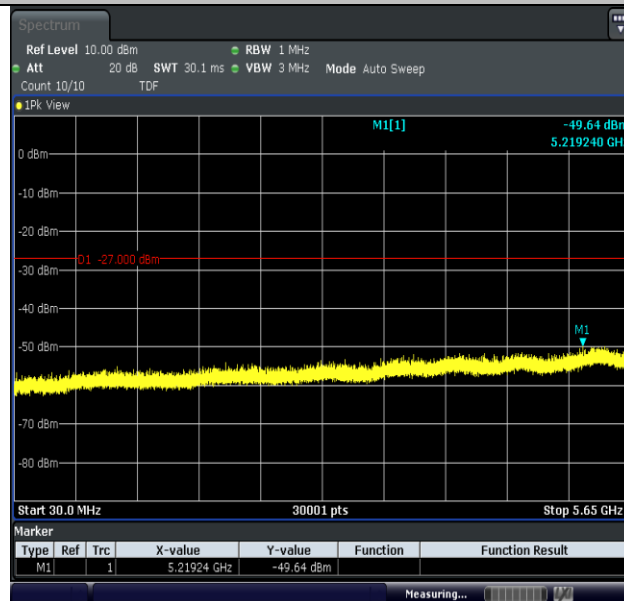
11A-Ant1-5745-5925~40000-PASS



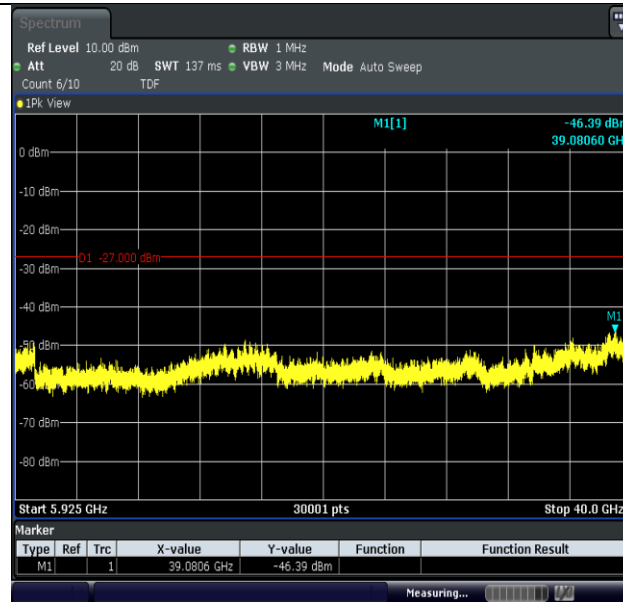
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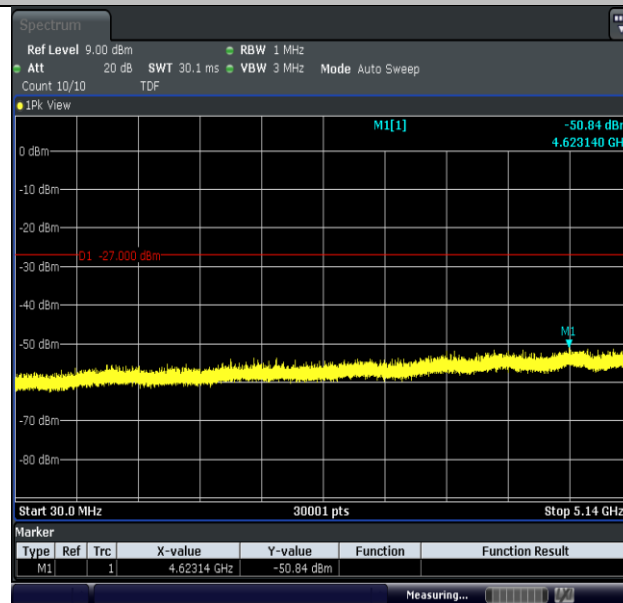
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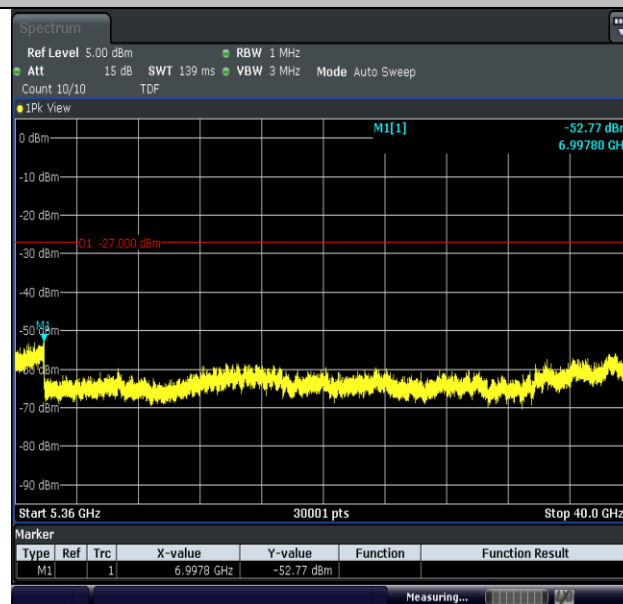
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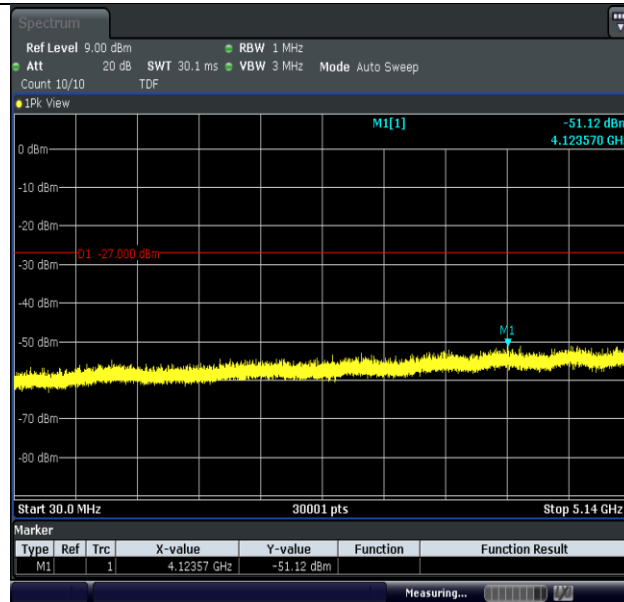
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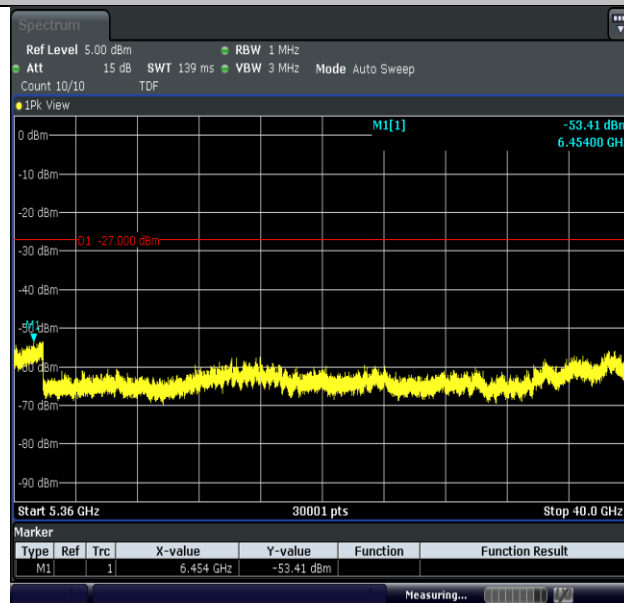
11N20SISO-Ant1-5180-30~5140-PASS



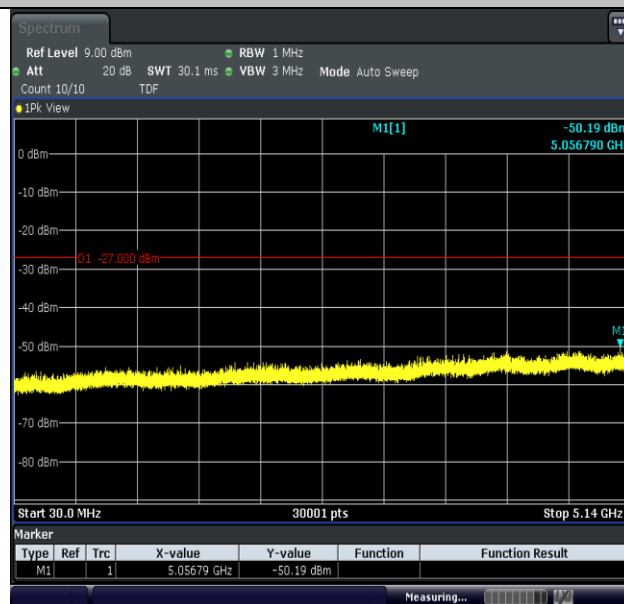
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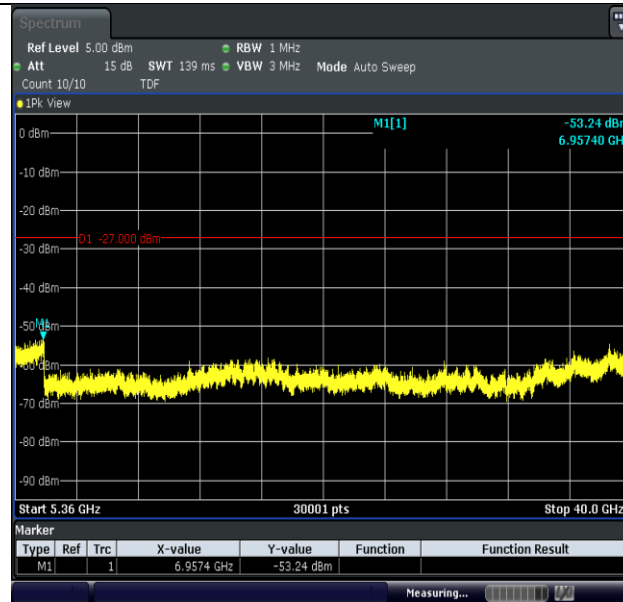
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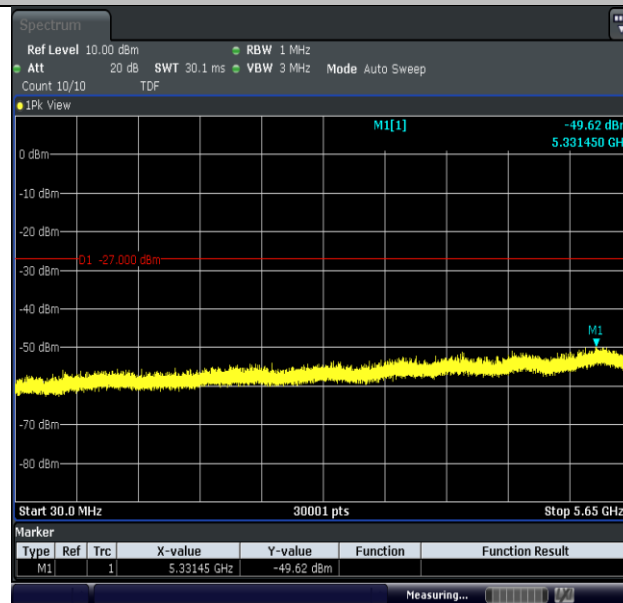
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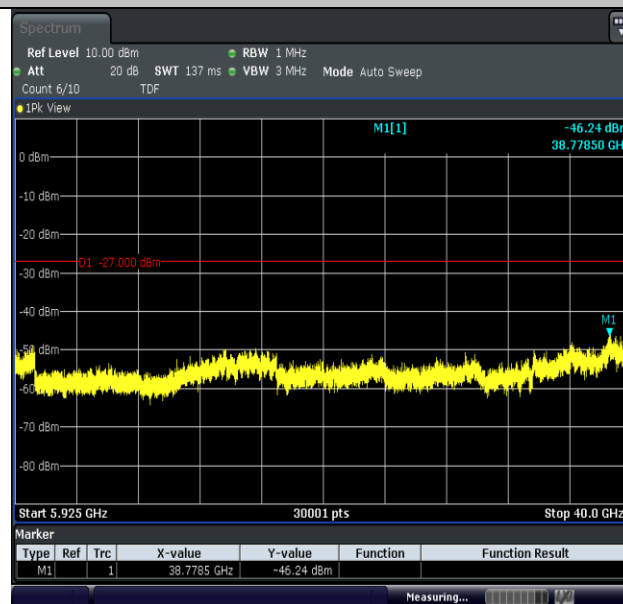
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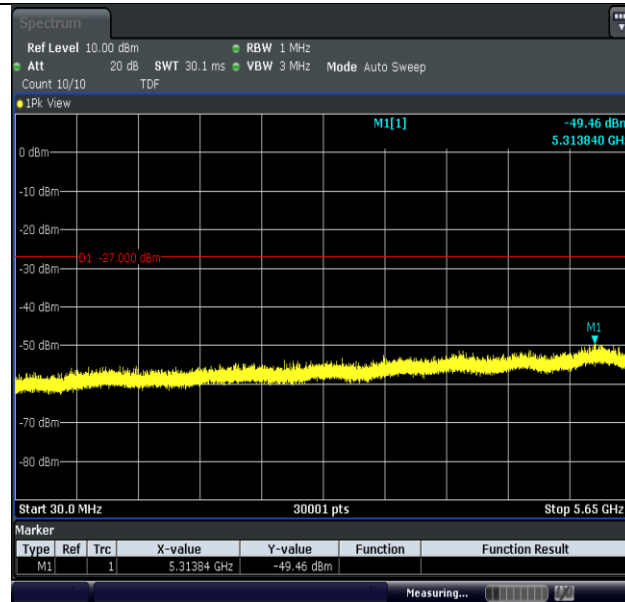
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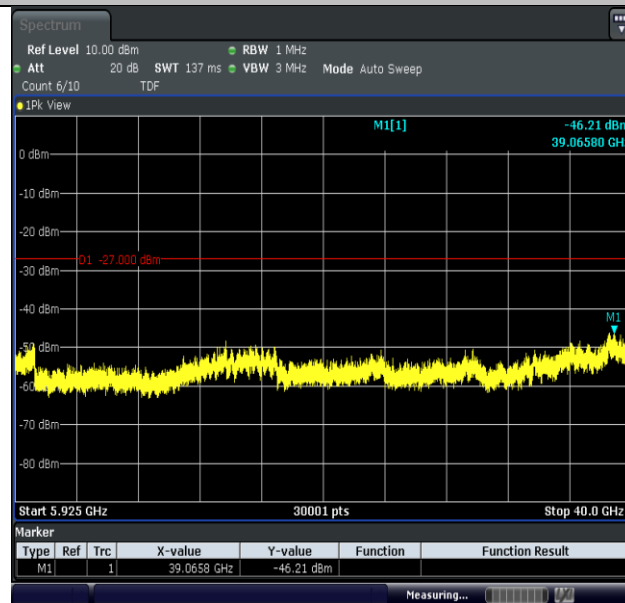
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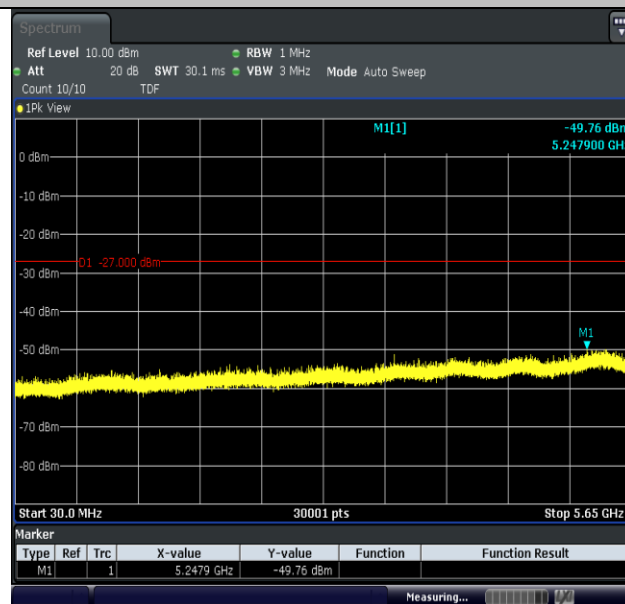
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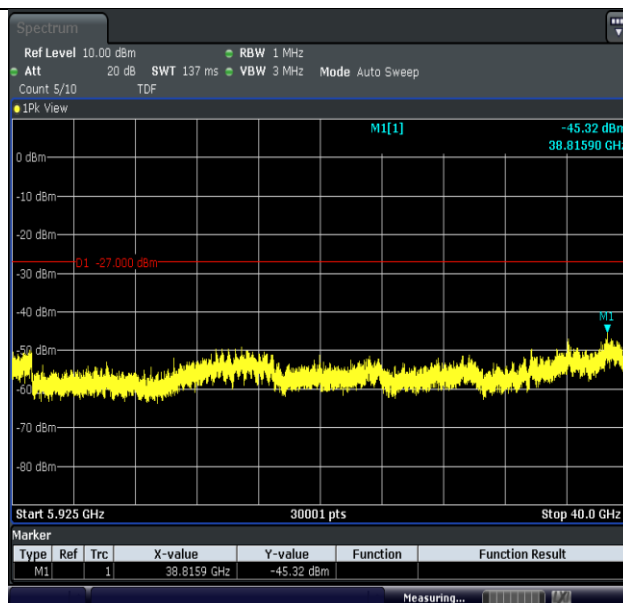
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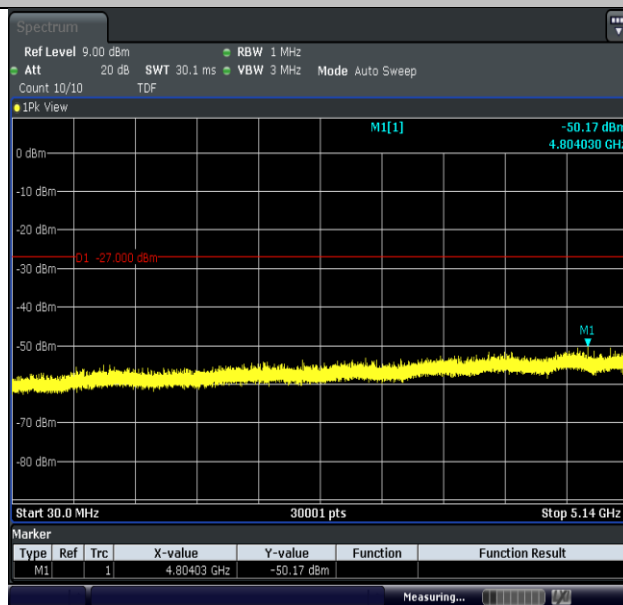
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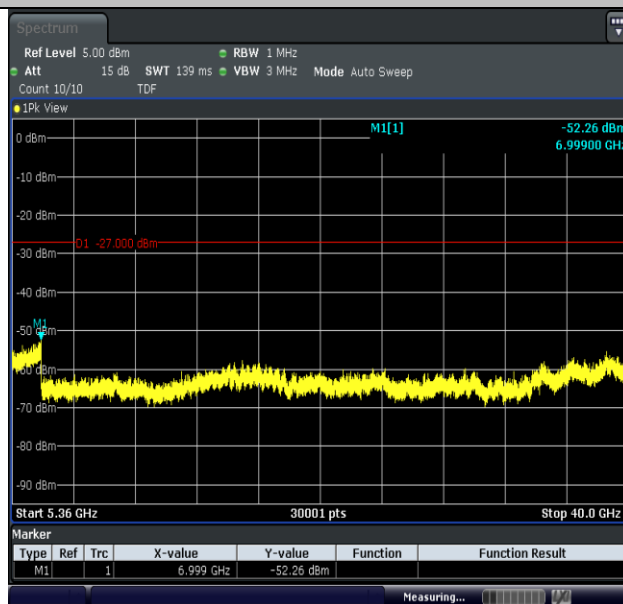
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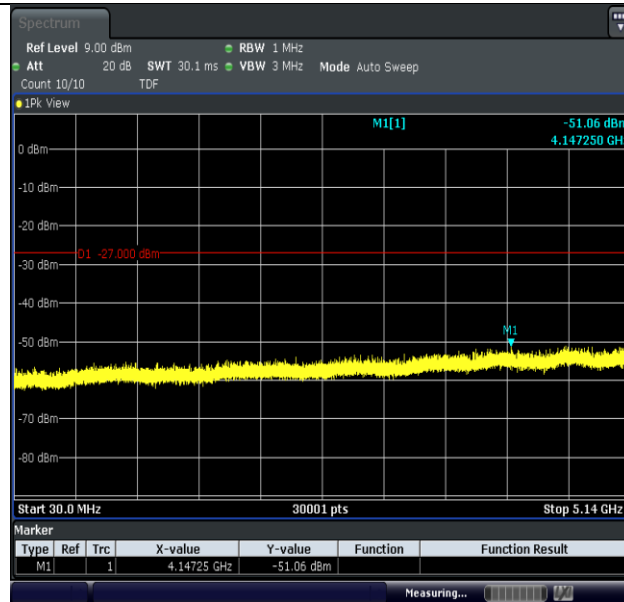
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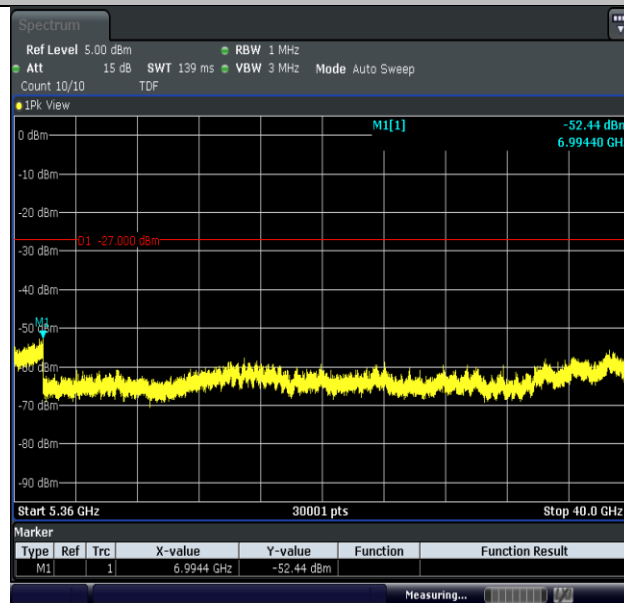
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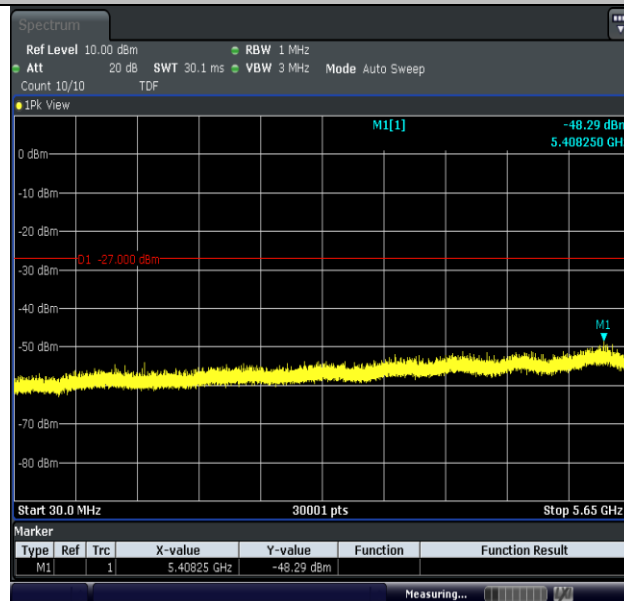
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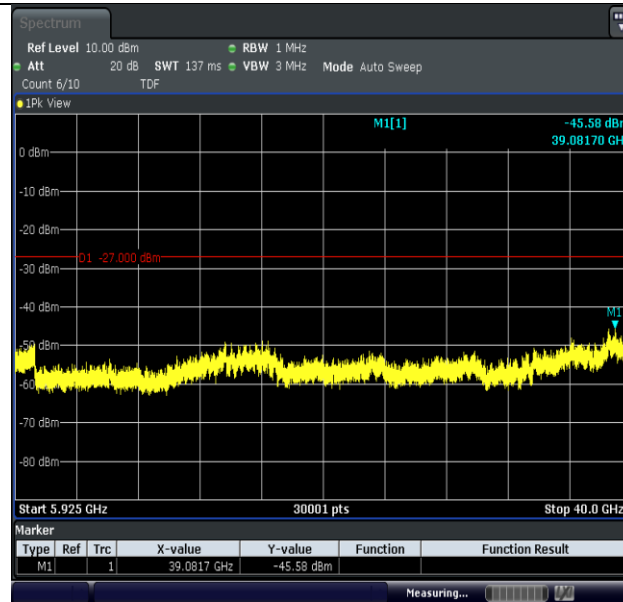
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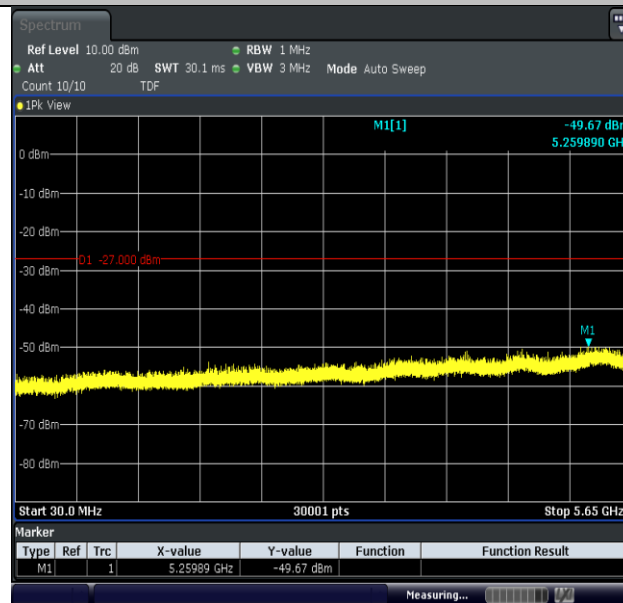
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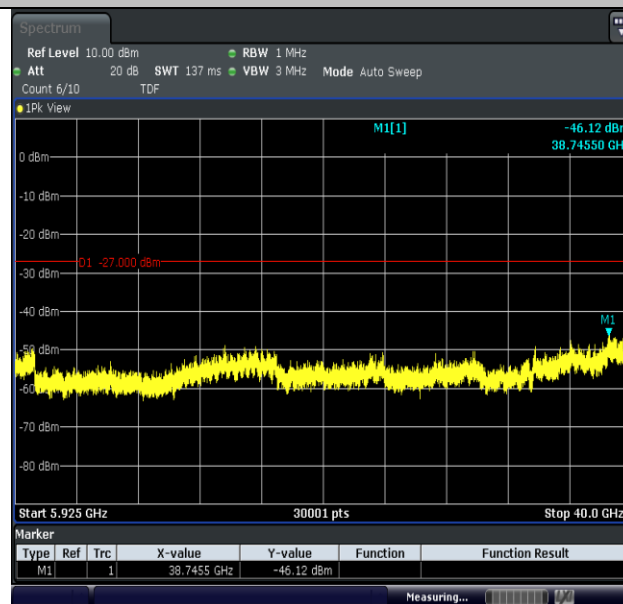
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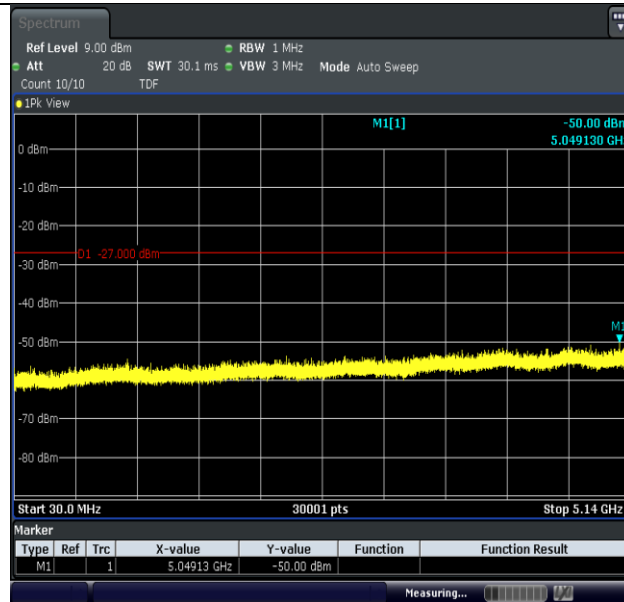
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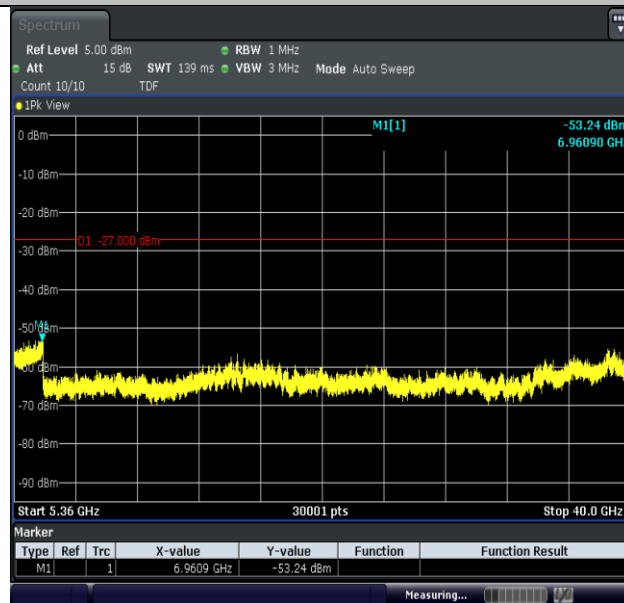
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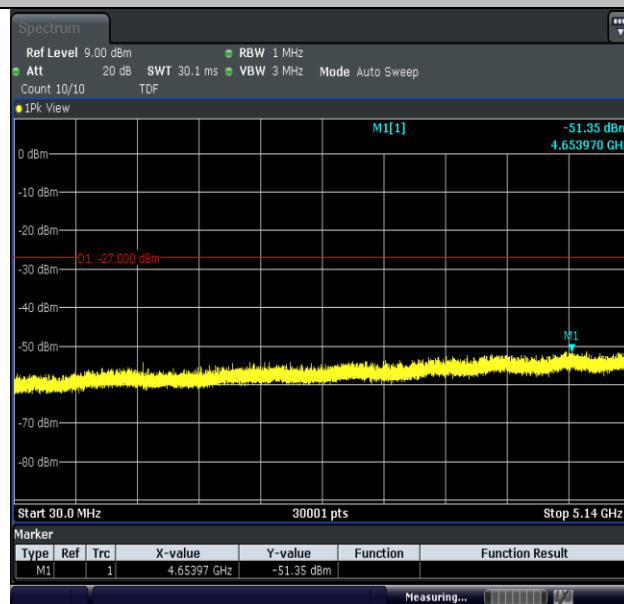
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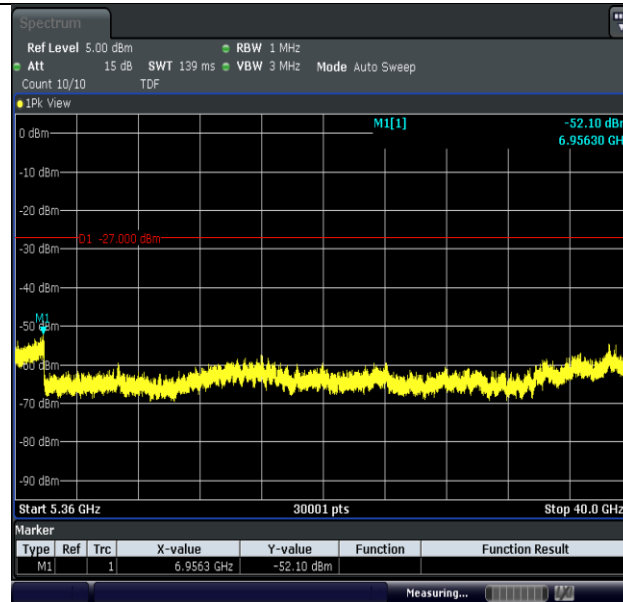
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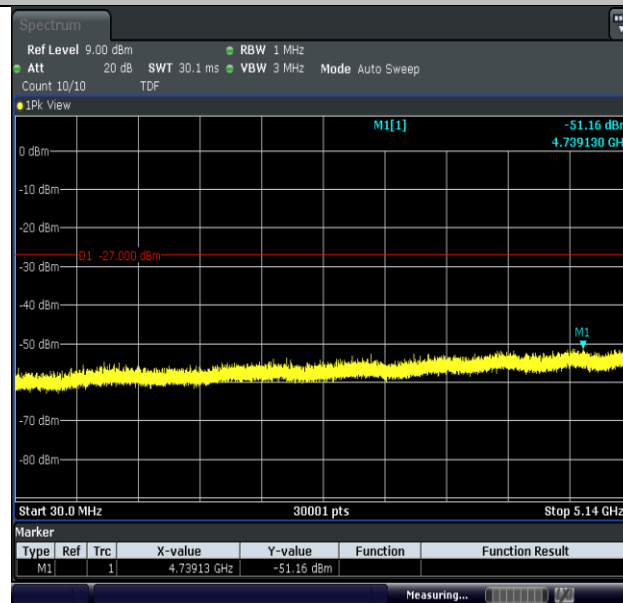
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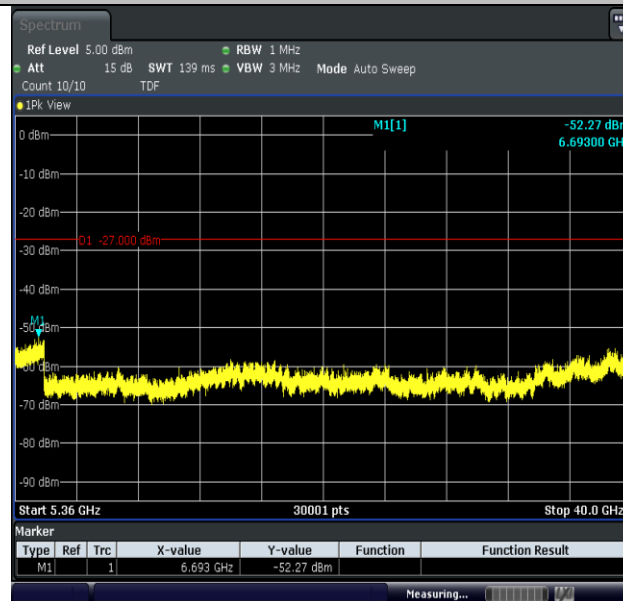
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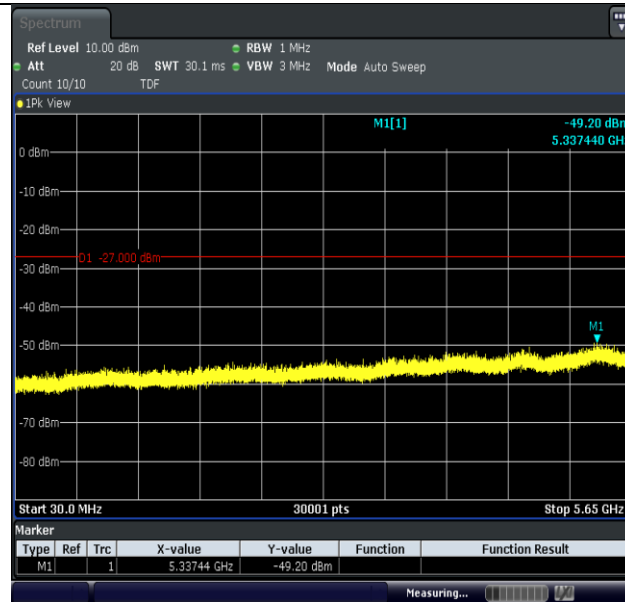
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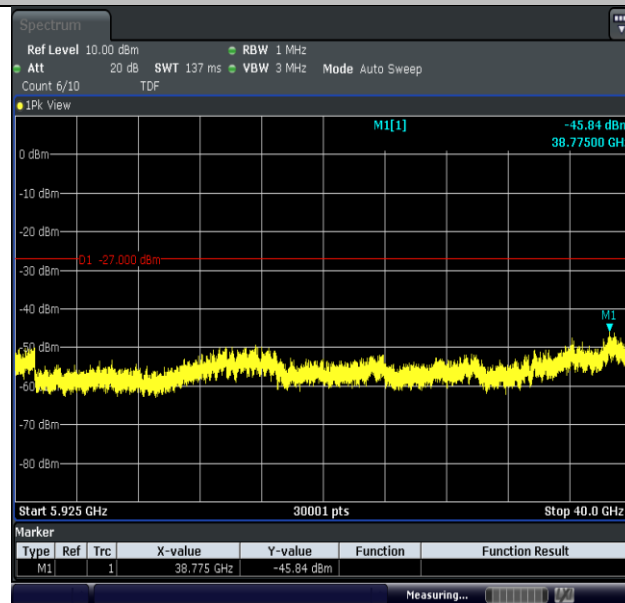
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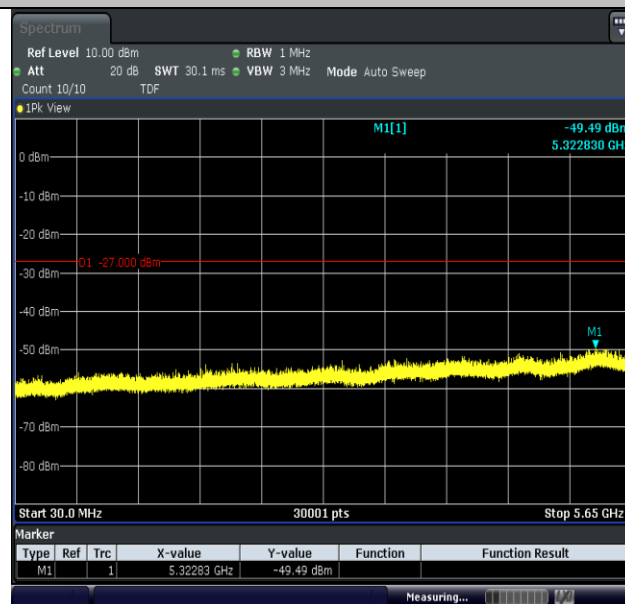
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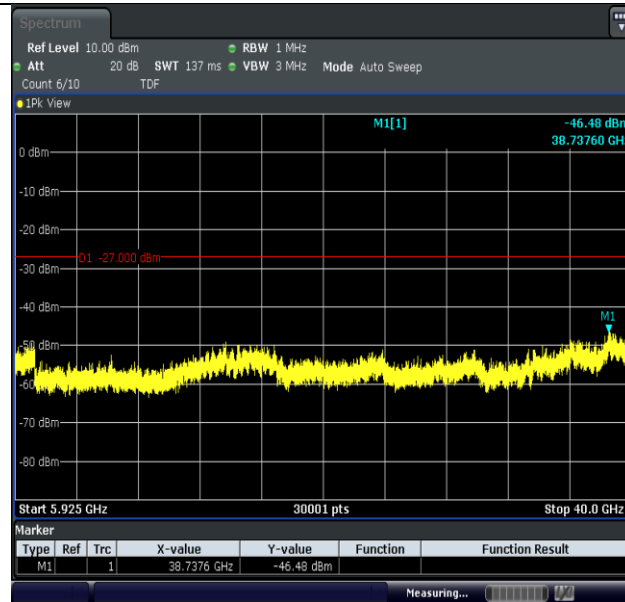
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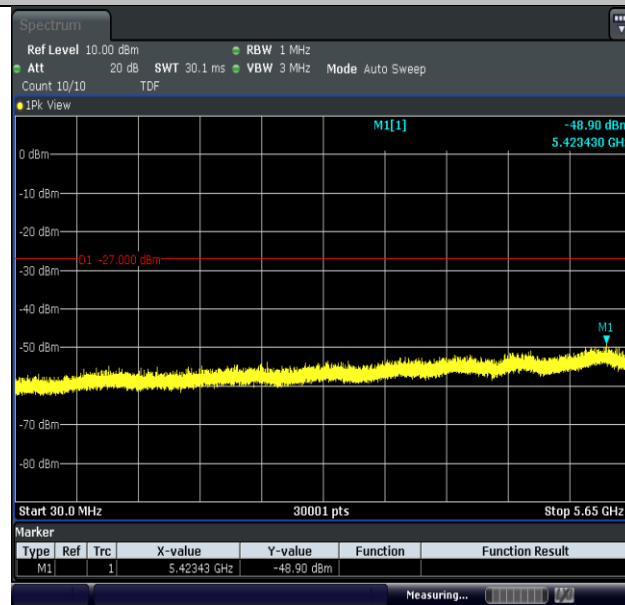
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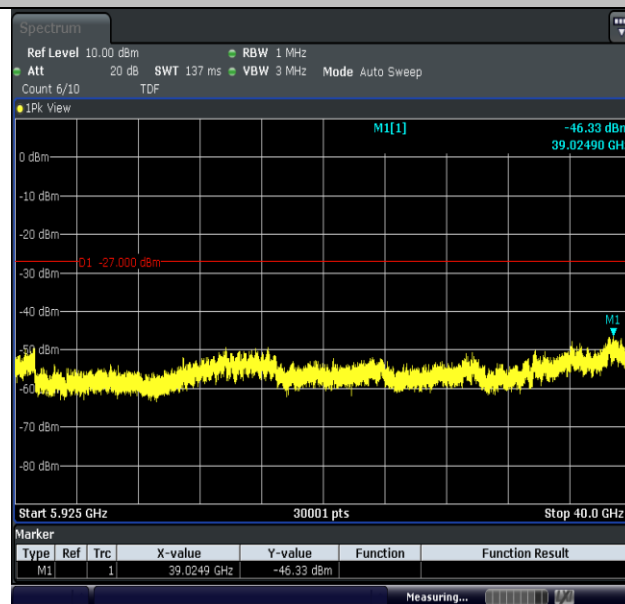
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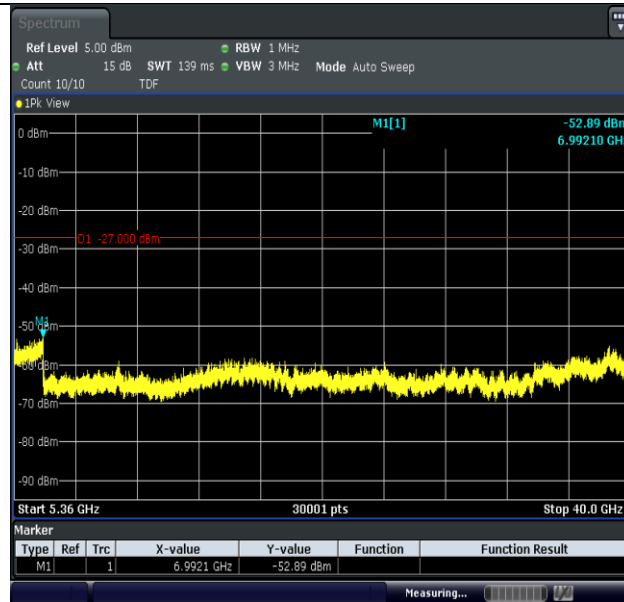
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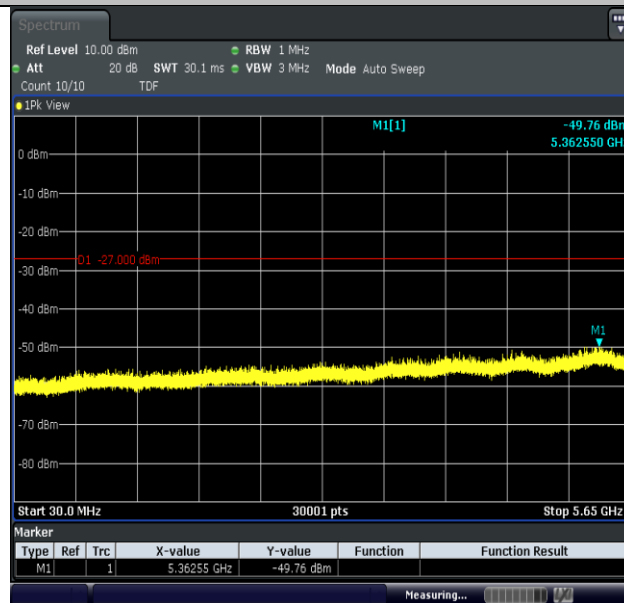
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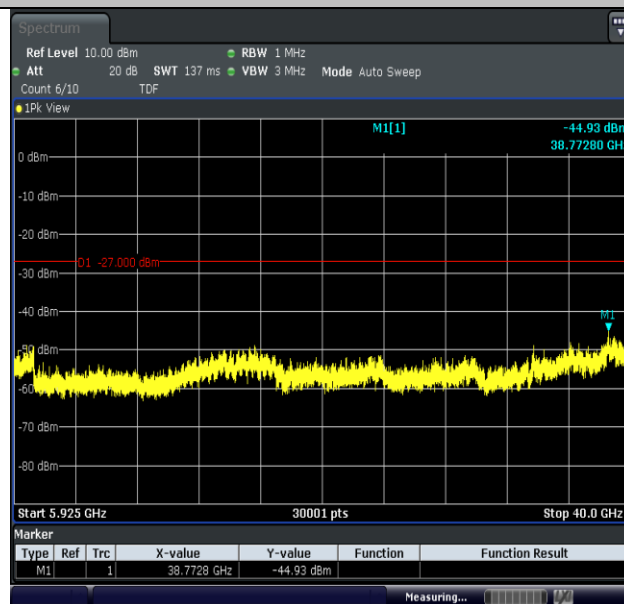
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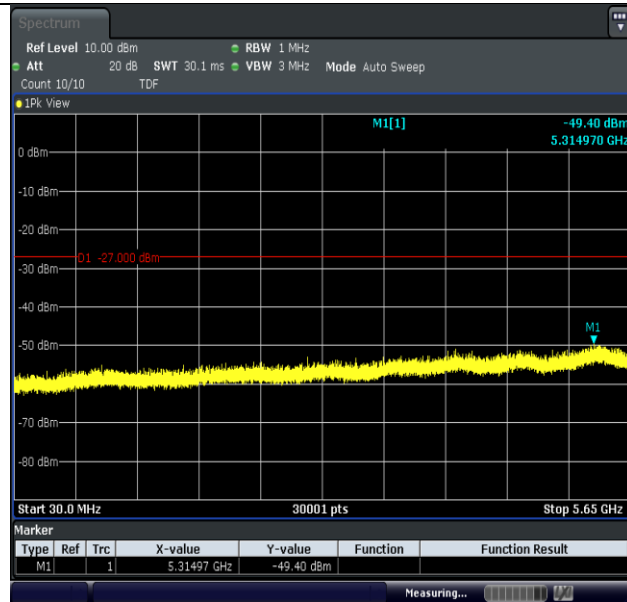
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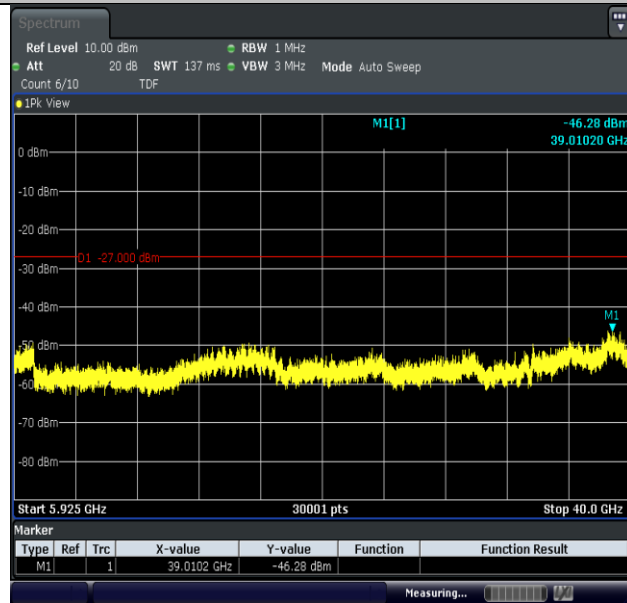
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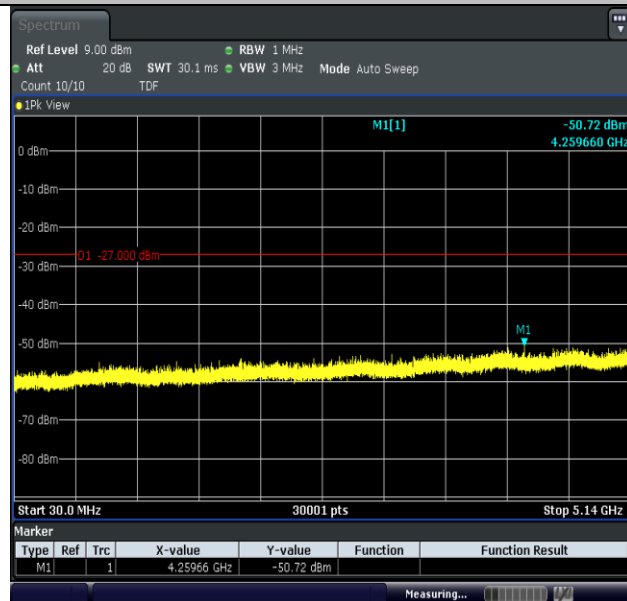
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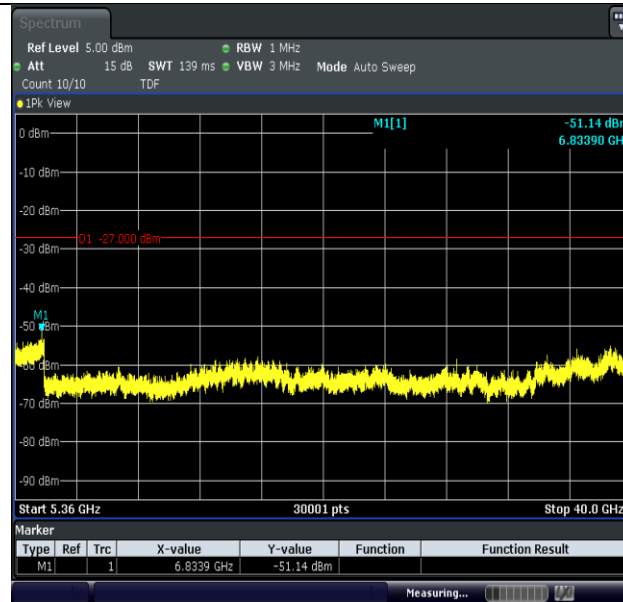
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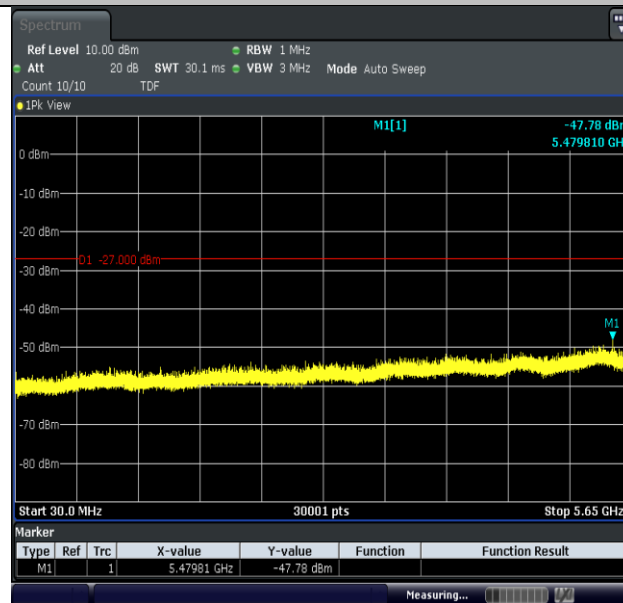
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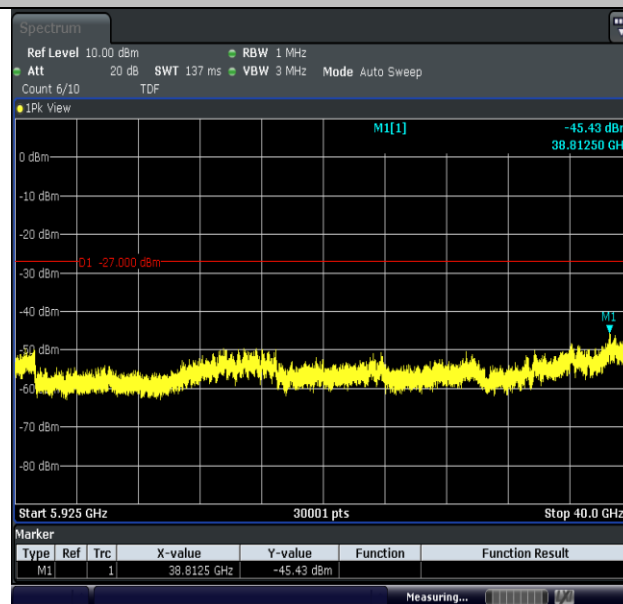
11AC80SISO-Ant1-5210-30~5140-PASS



11AC80SISO-Ant1-5210-5360~40000-PASS



11AC80SISO-Ant1-5775-30~5650-PASS



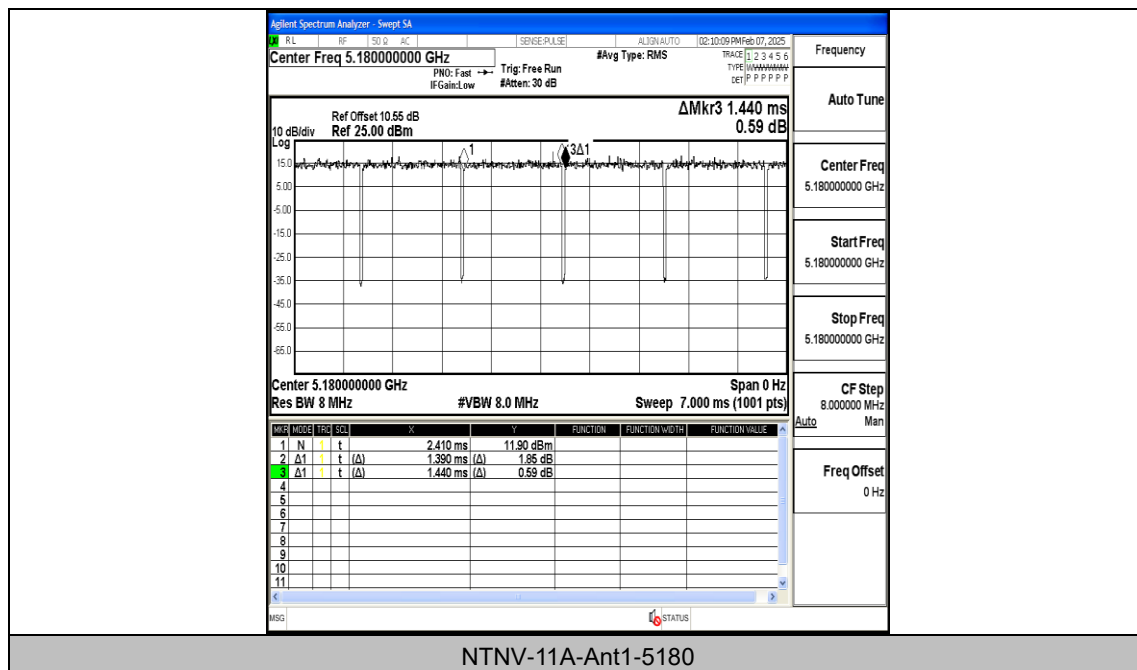
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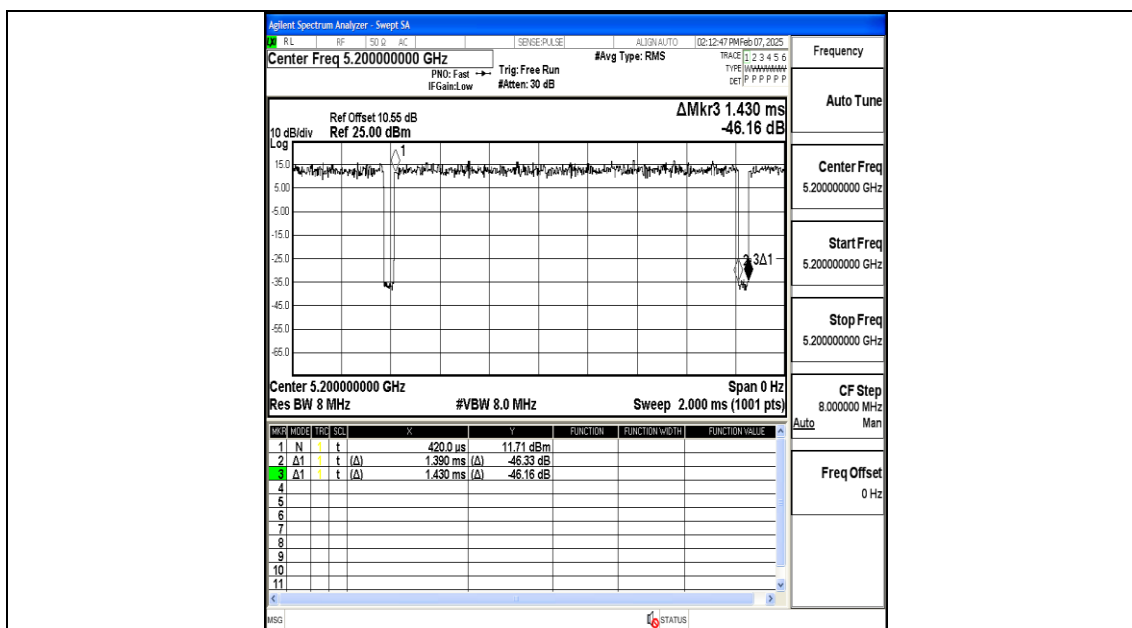
Appendix G: Duty Cycle

Test Result

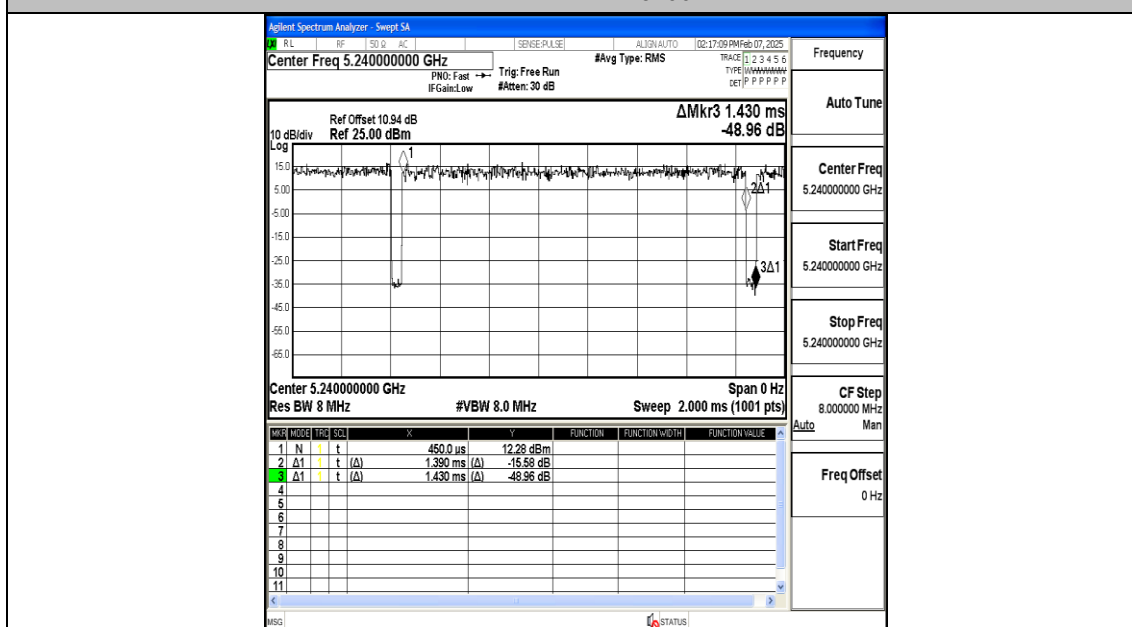
Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc. Factor [%]	1/T [kHz]
11A	Ant1	5180	1.39	1.44	96.53	0.15	0.72
11A	Ant1	5200	1.39	1.43	97.20	0.12	0.72
11A	Ant1	5240	1.39	1.43	97.20	0.12	0.72
11N20SISO	Ant1	5180	1.30	1.34	97.01	0.13	0.77
11N20SISO	Ant1	5200	1.30	1.34	97.01	0.13	0.77
11N20SISO	Ant1	5240	1.30	1.34	97.01	0.13	0.77
11N40SISO	Ant1	5190	0.65	0.70	92.86	0.32	1.54
11N40SISO	Ant1	5230	0.65	0.69	94.20	0.26	1.54
11AC20SISO	Ant1	5180	1.32	1.36	97.06	0.13	0.76
11AC20SISO	Ant1	5200	1.31	1.36	96.32	0.16	0.76
11AC20SISO	Ant1	5240	1.31	1.35	97.04	0.13	0.76
11AC40SISO	Ant1	5190	0.66	0.70	94.29	0.26	1.52
11AC40SISO	Ant1	5230	0.66	0.70	94.29	0.26	1.52
11AC80SISO	Ant1	5210	0.33	0.37	89.19	0.50	3.03

Test Graphs

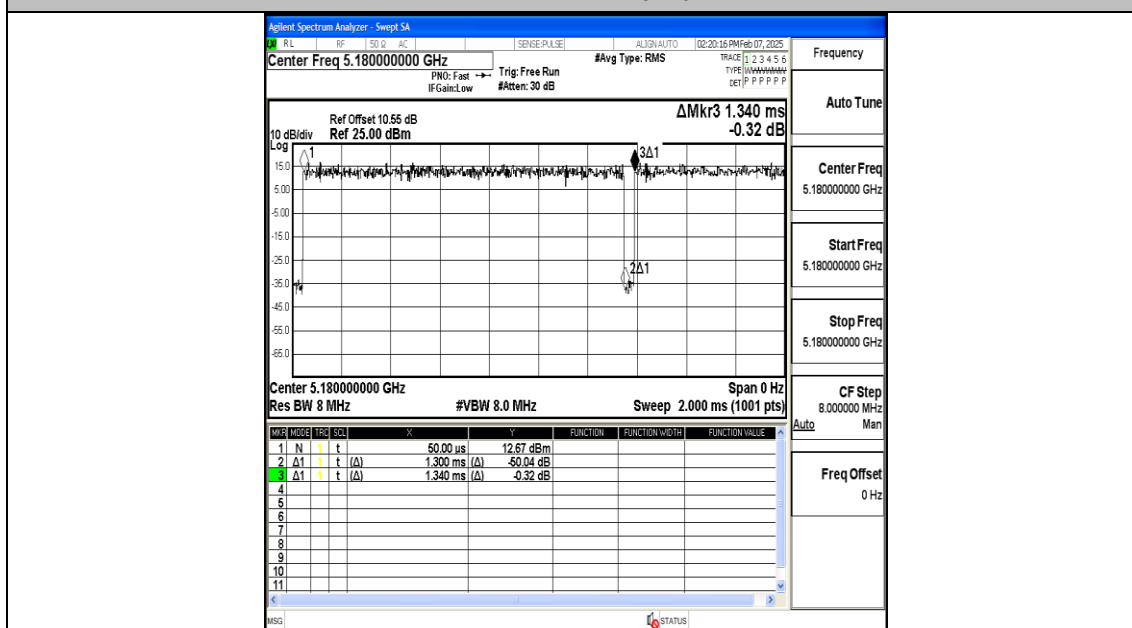




NTNV-11A-Ant1-5200



NTNV-11A-Ant1-5240



NTNV-11N20SISO-Ant1-5180

