

Ant1

Frequency (MHz)	Enviroment Temperature (Dregree)	Voltage (VDC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5795	20	4.07	5794.976560	5725 – 5850	PASS
5795	20	3.33	5794.980464	5725 – 5850	PASS
5795	50	3.70	5795.053547	5725 – 5850	PASS
5795	40	3.70	5795.071755	5725 – 5850	PASS
5795	30	3.70	5794.989789	5725 – 5850	PASS
5795	20	3.70	5794.909062	5725 – 5850	PASS
5795	10	3.70	5795.070606	5725 – 5850	PASS
5795	0	3.70	5794.943231	5725 – 5850	PASS
5795	-10	3.70	5794.943866	5725 – 5850	PASS
5795	-20	3.70	5795.024793	5725 – 5850	PASS
5795	-30	3.70	5795.006434	5725 – 5850	PASS

Ant1

Frequency (MHz)	Enviroment Temperature (Dregree)	Voltage (VDC)	Measured Frequency (MHz)	Limit Range (MHz)	Test Results
5775	20	4.07	5775.069852	5725 – 5850	PASS
5775	20	3.33	5774.910218	5725 – 5850	PASS
5775	50	3.70	5775.038829	5725 – 5850	PASS
5775	40	3.70	5774.992270	5725 – 5850	PASS
5775	30	3.70	5774.948452	5725 – 5850	PASS
5775	20	3.70	5774.953492	5725 – 5850	PASS
5775	10	3.70	5774.903603	5725 – 5850	PASS
5775	0	3.70	5774.973904	5725 – 5850	PASS
5775	-10	3.70	5775.010758	5725 – 5850	PASS
5775	-20	3.70	5774.908281	5725 – 5850	PASS
5775	-30	3.70	5775.090681	5725 – 5850	PASS

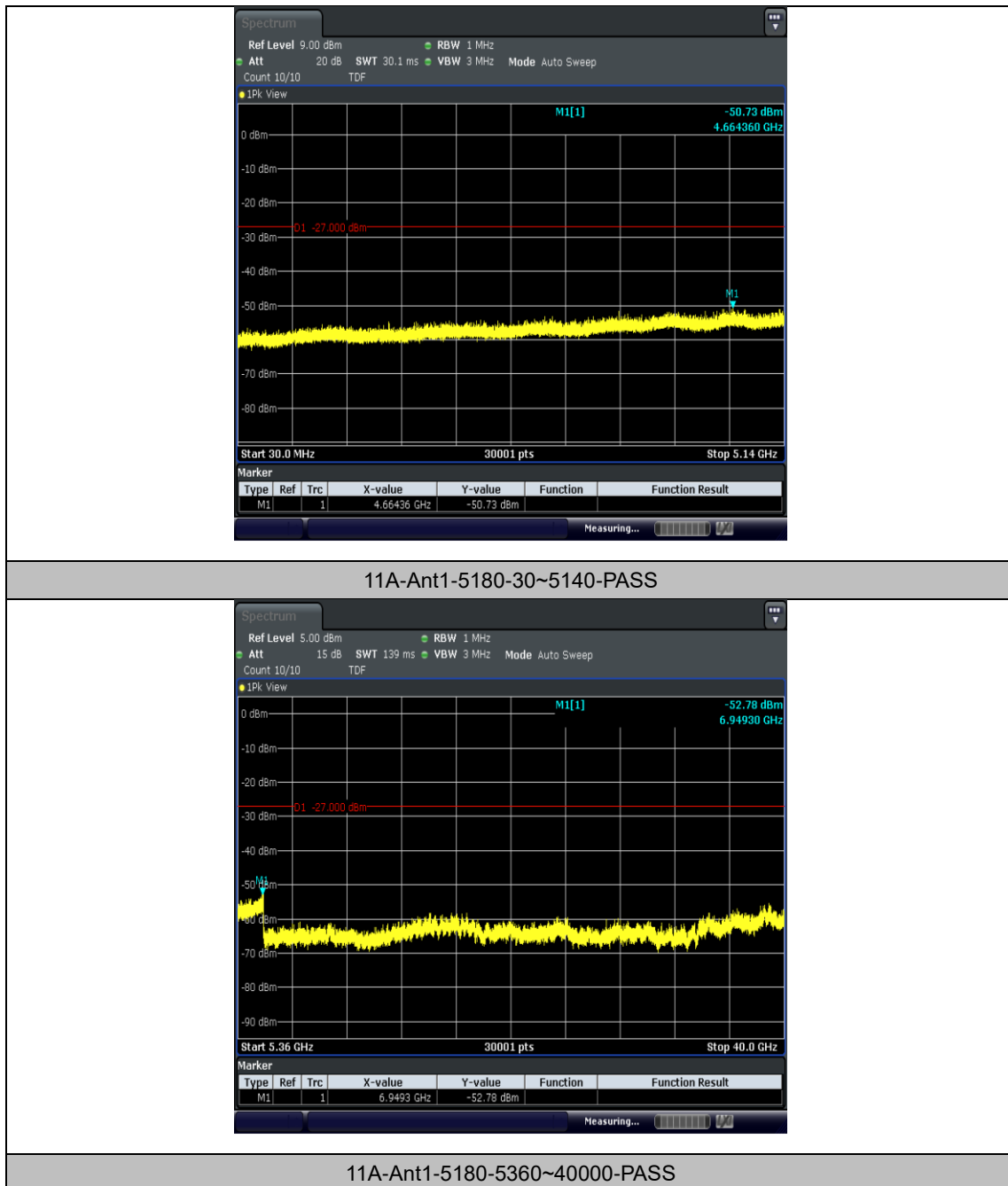
Appendix F: Conducted Spurious Emission

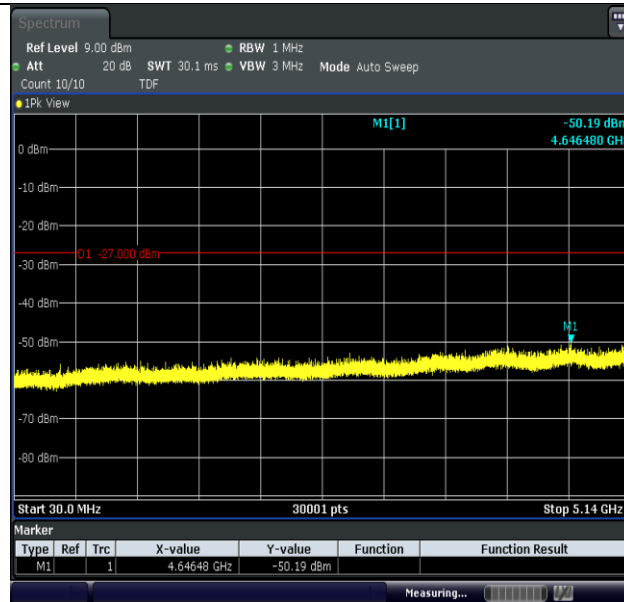
Test Result

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

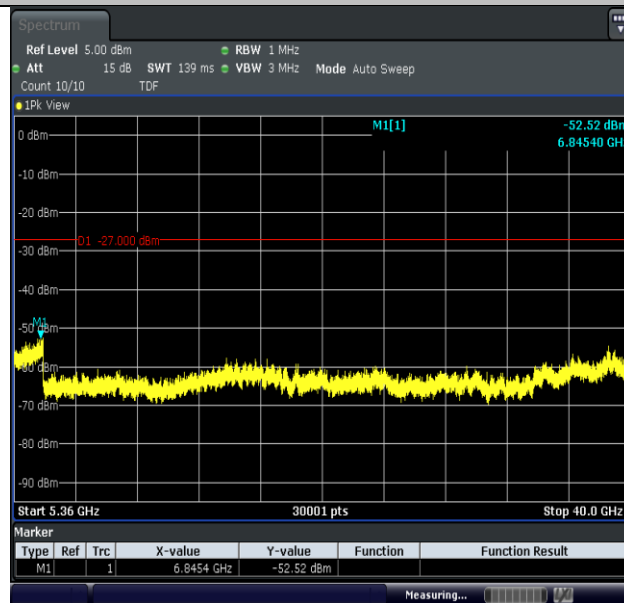
11AC20SISO	Ant1	5785	30~5650	5322.83	-49.49	≤-27	PASS
11AC20SISO	Ant1	5785	5925~40000	38737.6	-46.48	≤-27	PASS
11AC20SISO	Ant1	5825	30~5650	5423.43	-48.9	≤-27	PASS
11AC20SISO	Ant1	5825	5925~40000	39024.9	-46.33	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5114.54	-50.96	≤-27	PASS
11AC40SISO	Ant1	5190	5360~40000	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

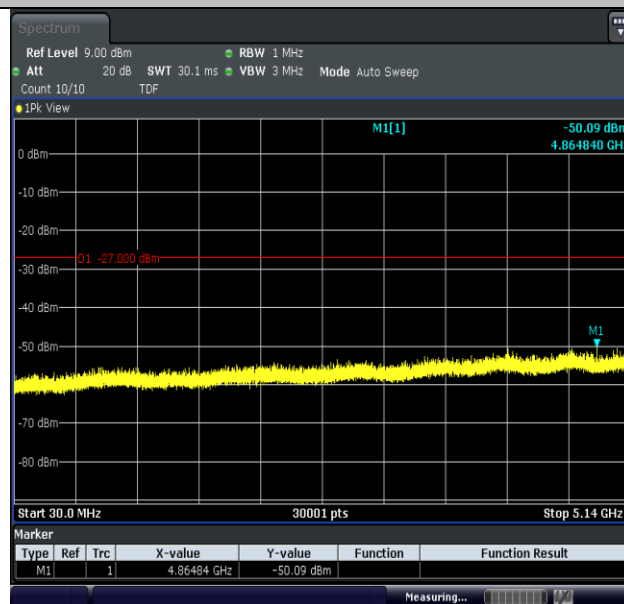




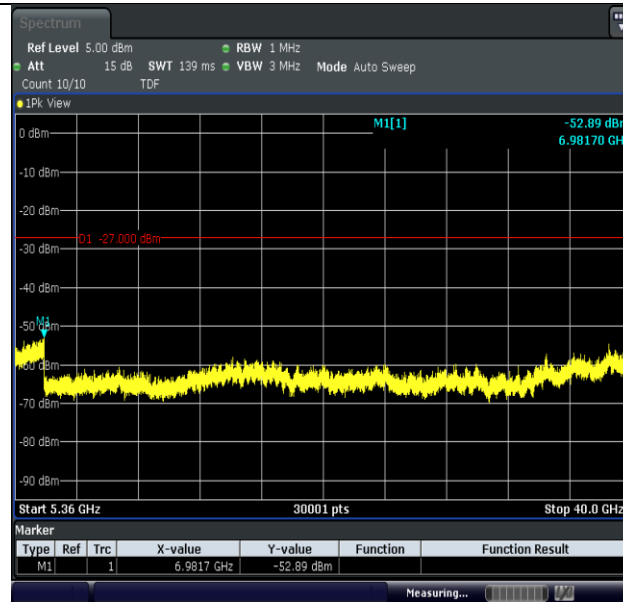
11A-Ant1-5200-30~5140-PASS



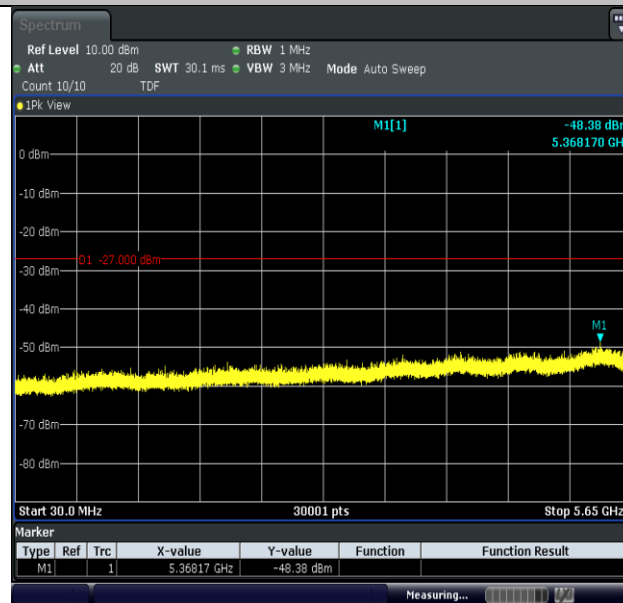
11A-Ant1-5200-5360~40000-PASS



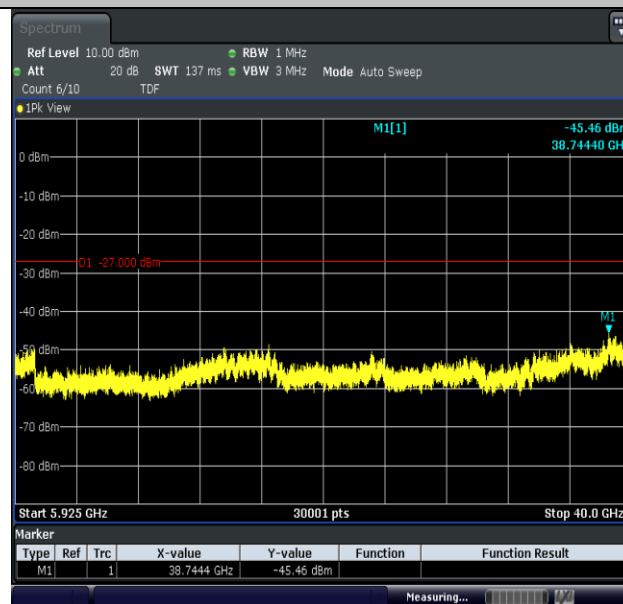
11A-Ant1-5240-30~5140-PASS



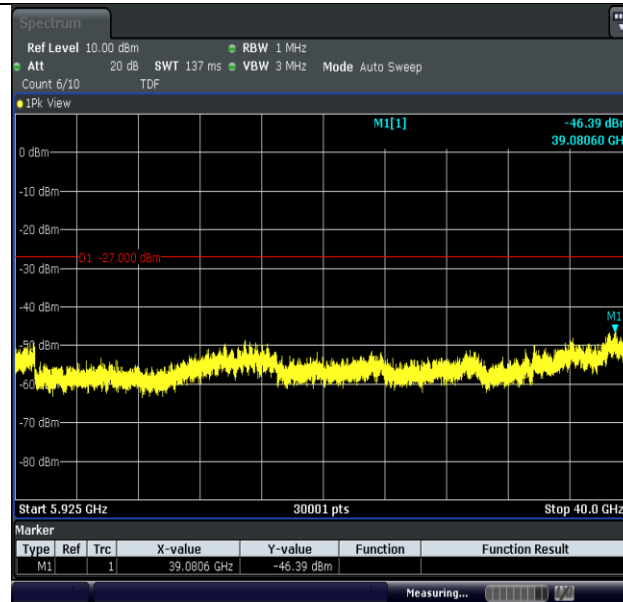
11A-Ant1-5240-5360~40000-PASS



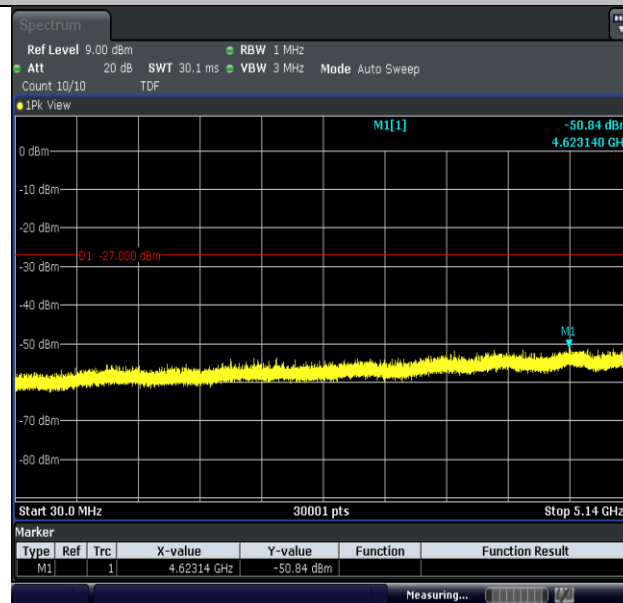
11A-Ant1-5745-30~5650-PASS



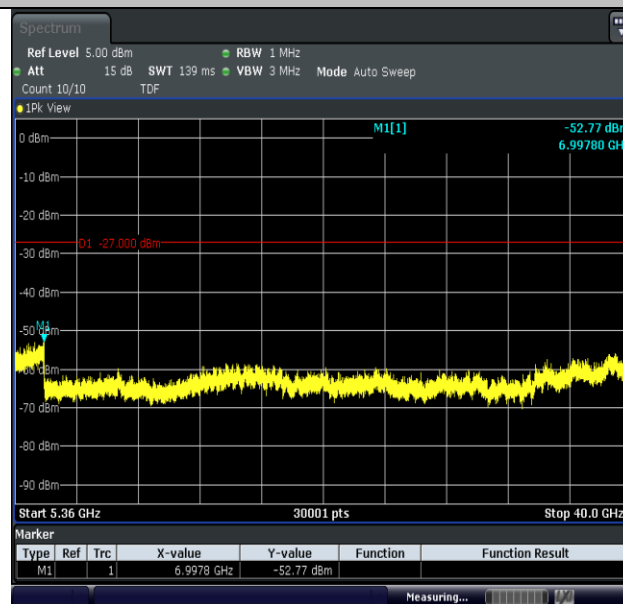
11A-Ant1-5745-5925~40000-PASS



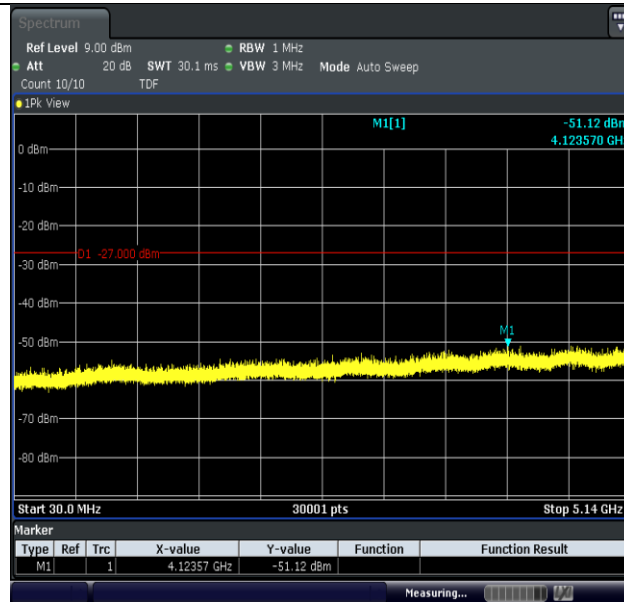
11A-Ant1-5825-5925~40000-PASS



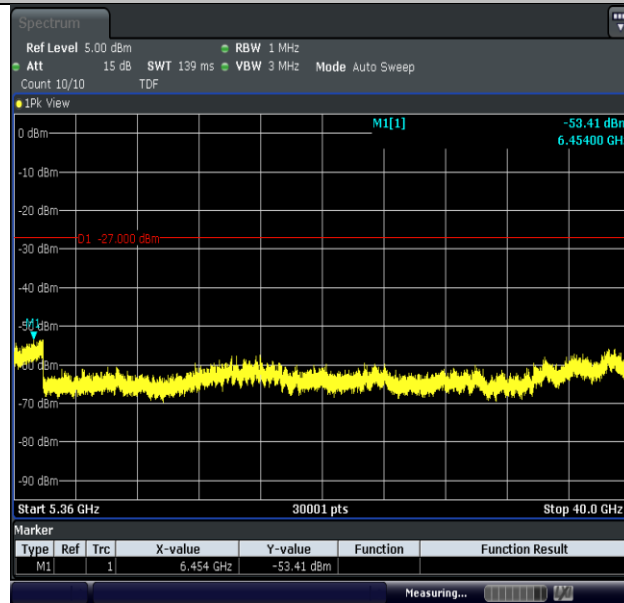
11N20SISO-Ant1-5180-30~5140-PASS



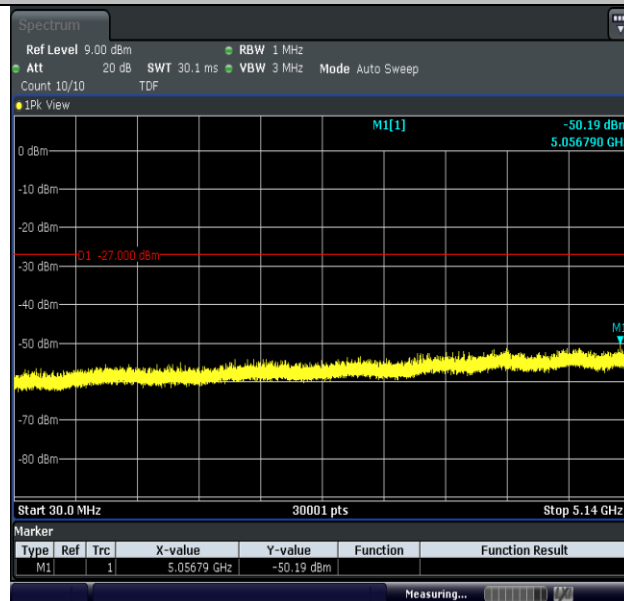
11N20SISO-Ant1-5180-5360~40000-PASS



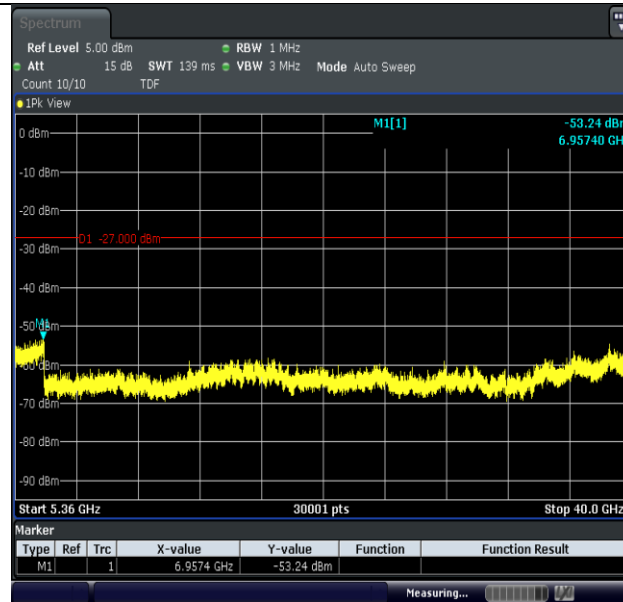
11N20SISO-Ant1-5200-30~5140-PASS



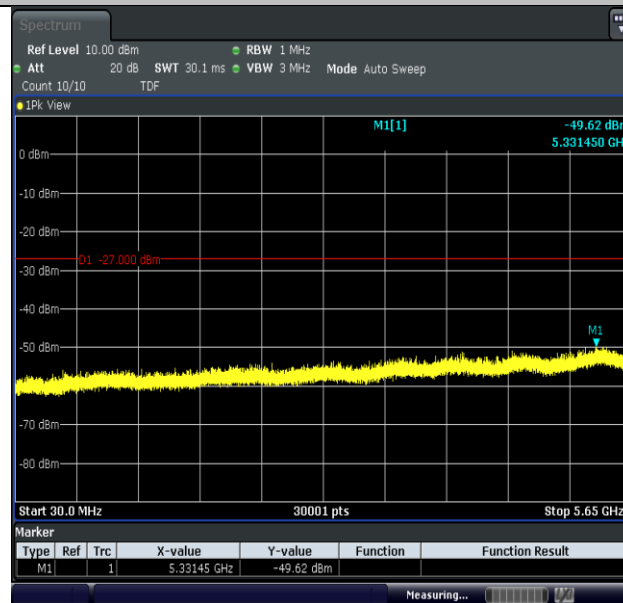
11N20SISO-Ant1-5200-5360~40000-PASS



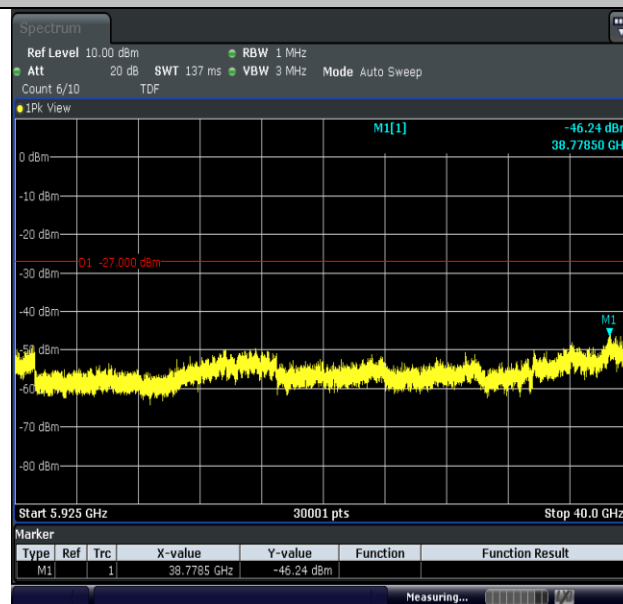
11N20SISO-Ant1-5240-30~5140-PASS



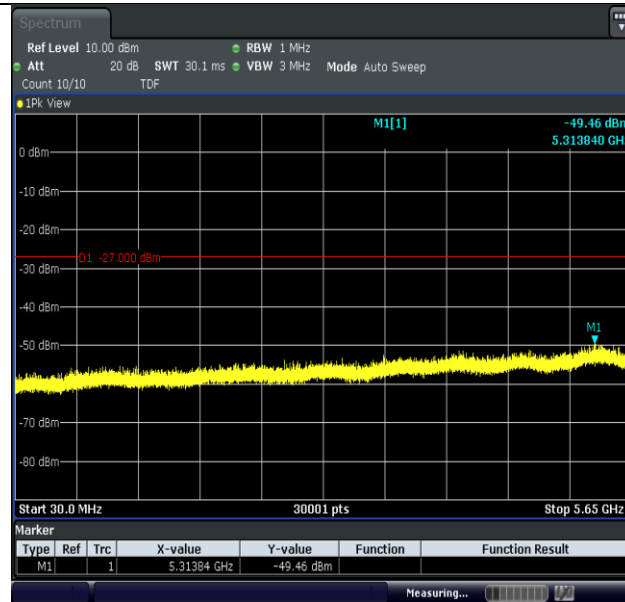
11N20SISO-Ant1-5240-5360~40000-PASS



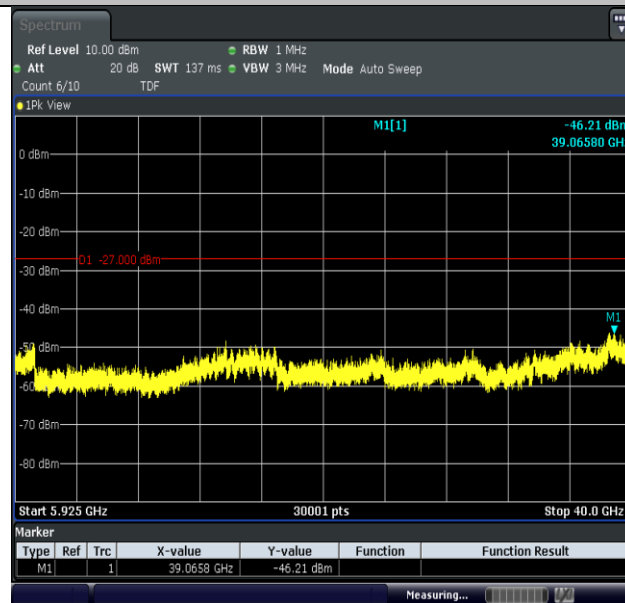
11N20SISO-Ant1-5745-30~5650-PASS



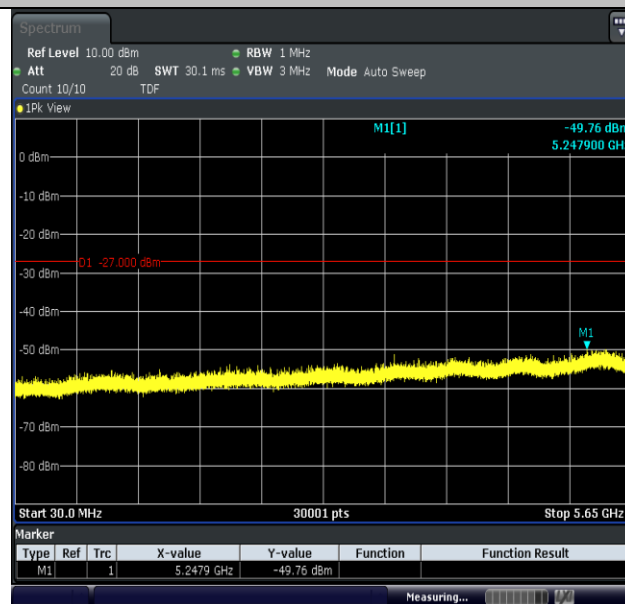
11N20SISO-Ant1-5745-5925~40000-PASS



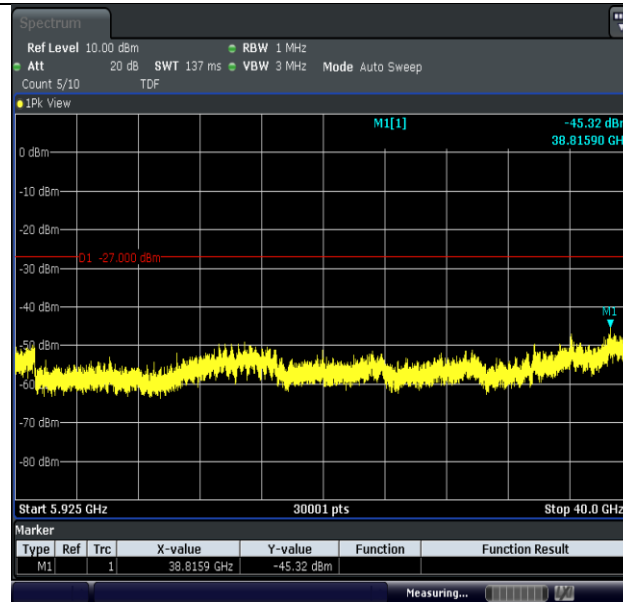
11N20SISO-Ant1-5785-30~5650-PASS



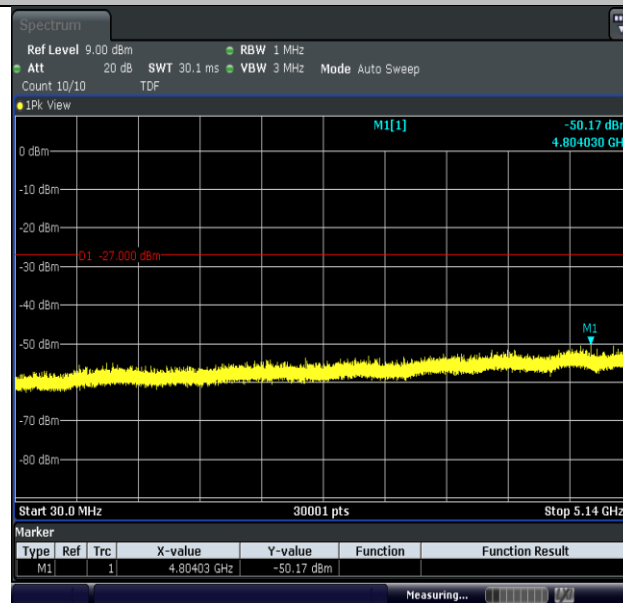
11N20SISO-Ant1-5785-5925~40000-PASS



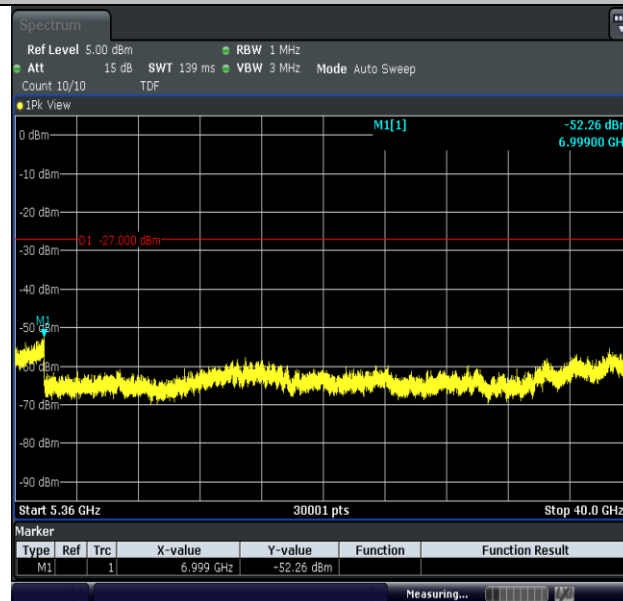
11N20SISO-Ant1-5825-30~5650-PASS



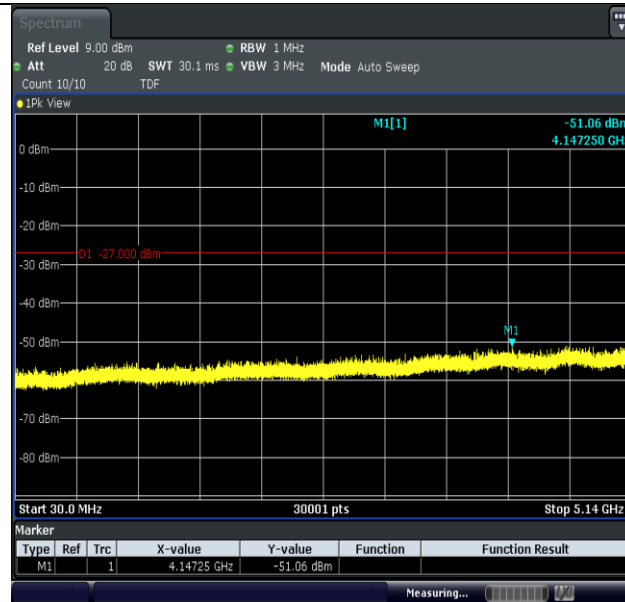
11N20SISO-Ant1-5825-5925~40000-PASS



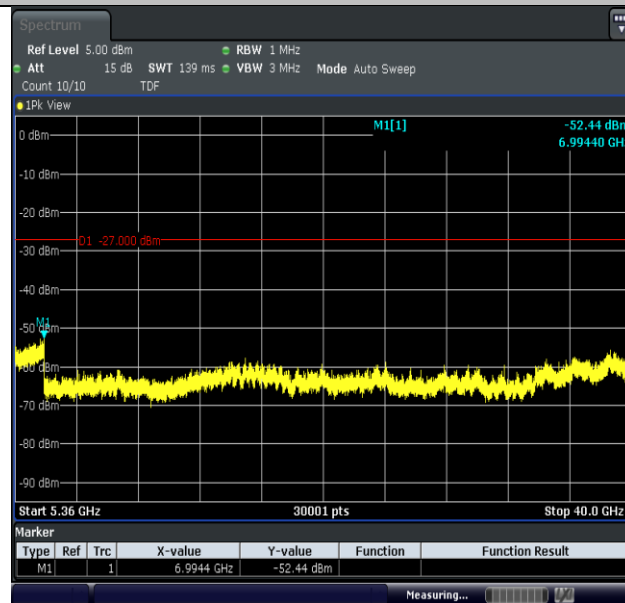
11N40SISO-Ant1-5190-30~5140-PASS



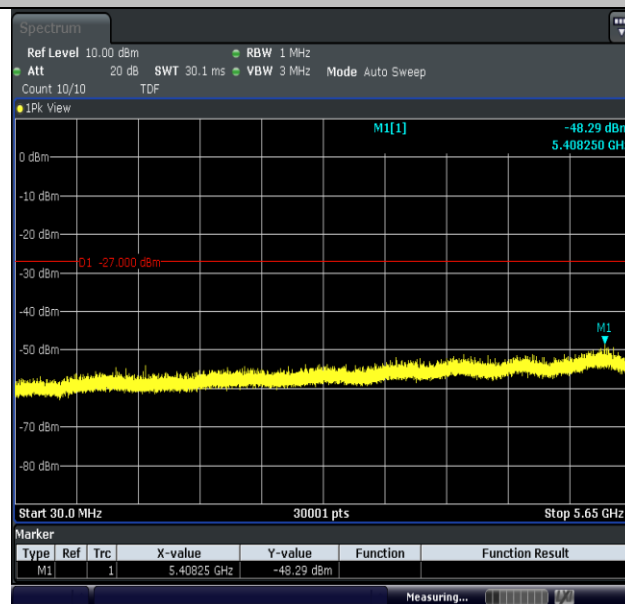
11N40SISO-Ant1-5190-5360~40000-PASS



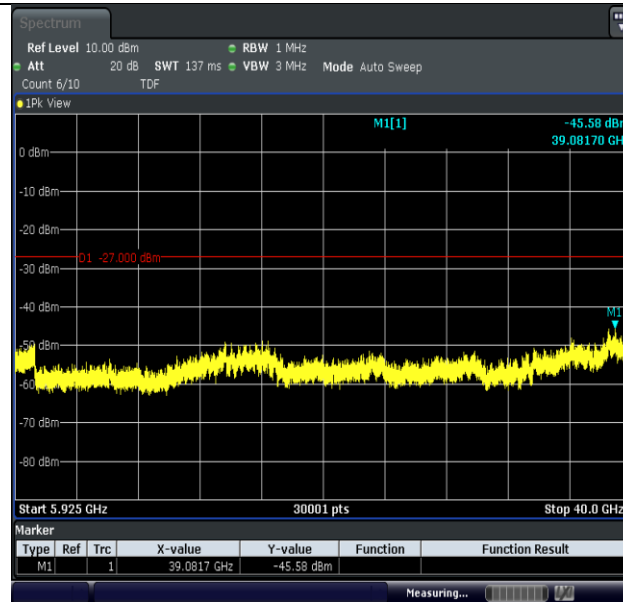
11N40SISO-Ant1-5230-30~5140-PASS



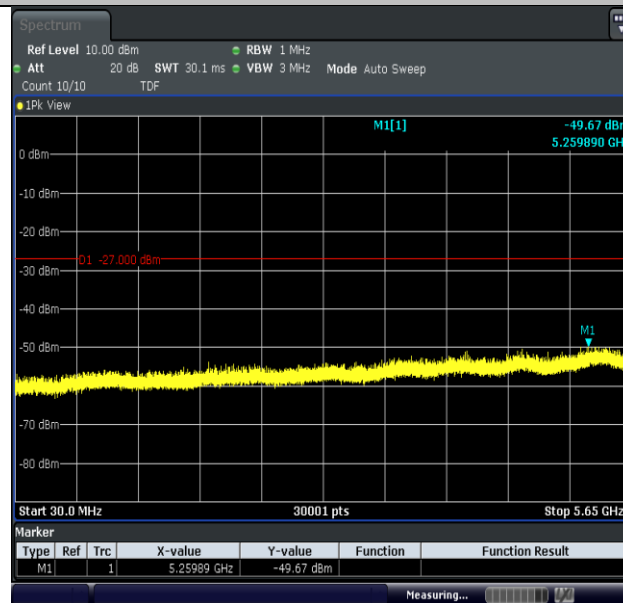
11N40SISO-Ant1-5230-5360~40000-PASS



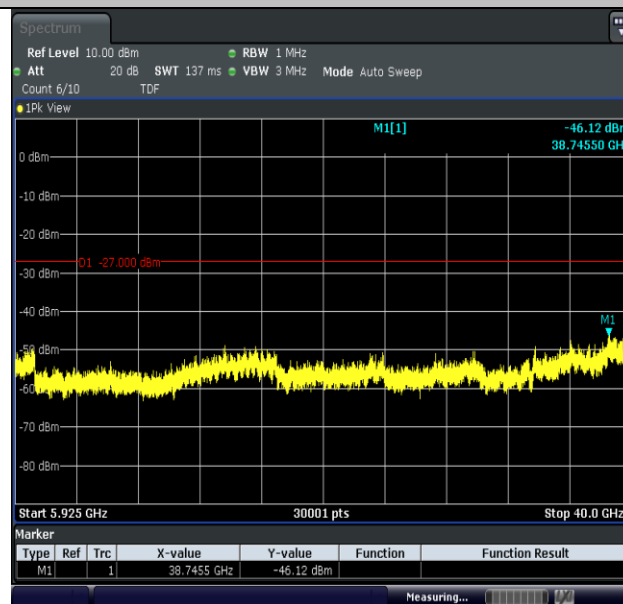
11N40SISO-Ant1-5755-30~5650-PASS



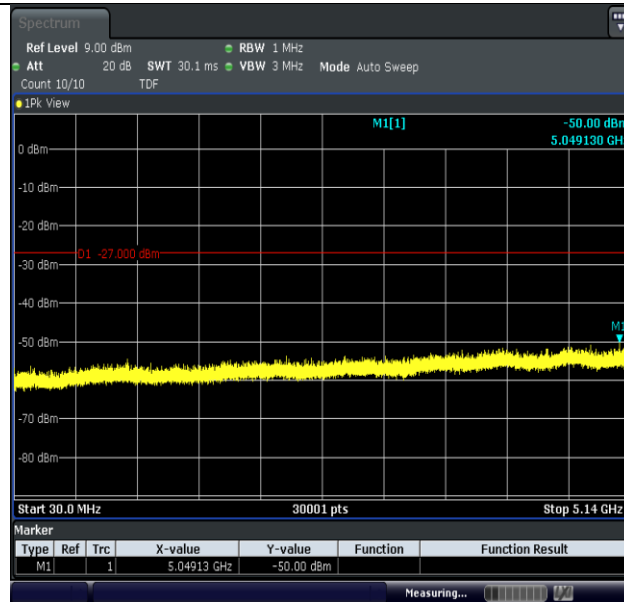
11N40SISO-Ant1-5755-5925~40000-PASS



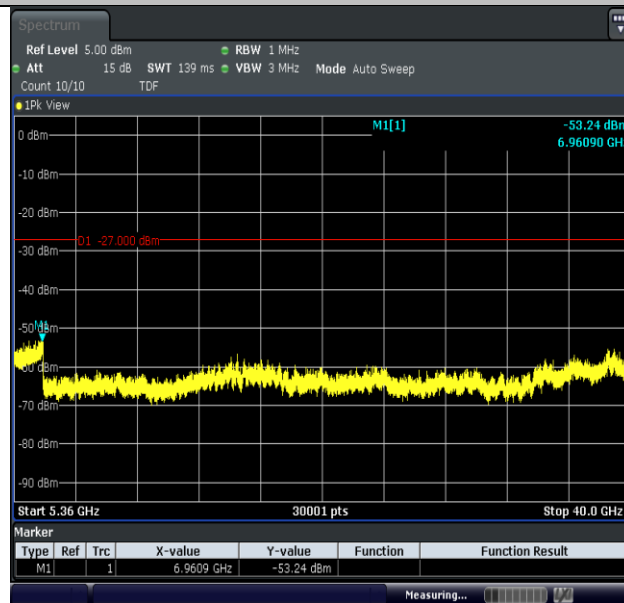
11N40SISO-Ant1-5795-30~5650-PASS



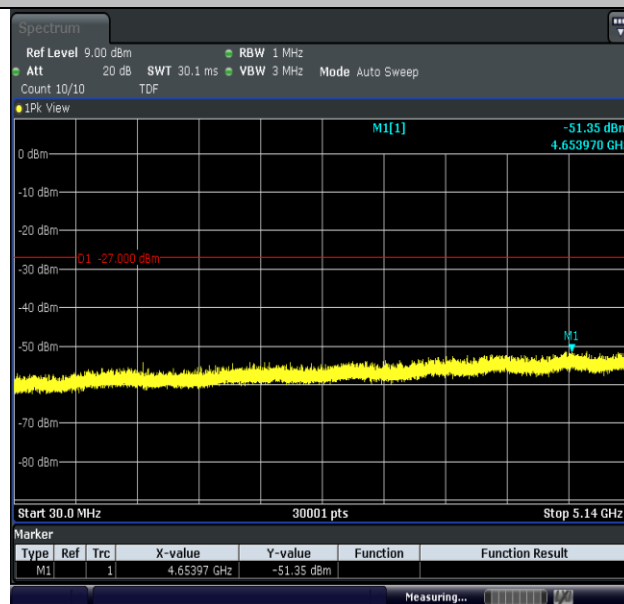
11N40SISO-Ant1-5795-5925~40000-PASS



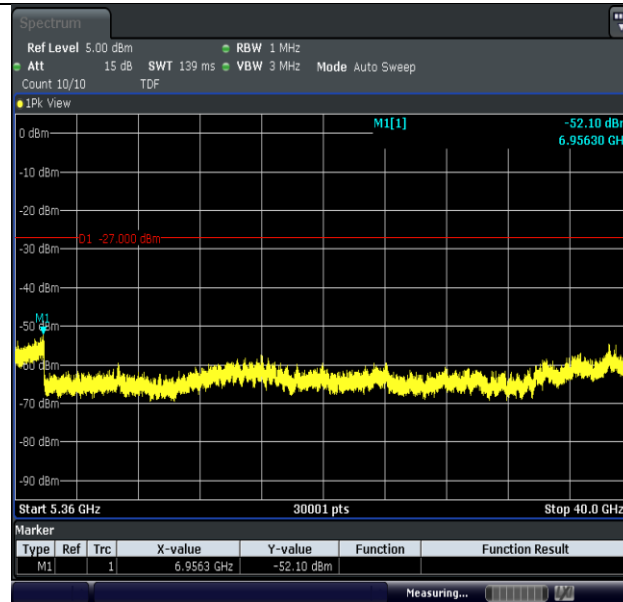
11AC20SISO-Ant1-5180-30~5140-PASS



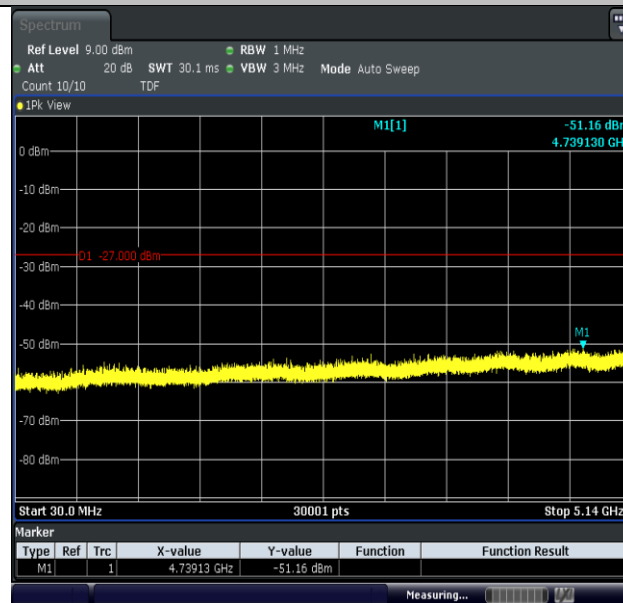
11AC20SISO-Ant1-5180-5360~40000-PASS



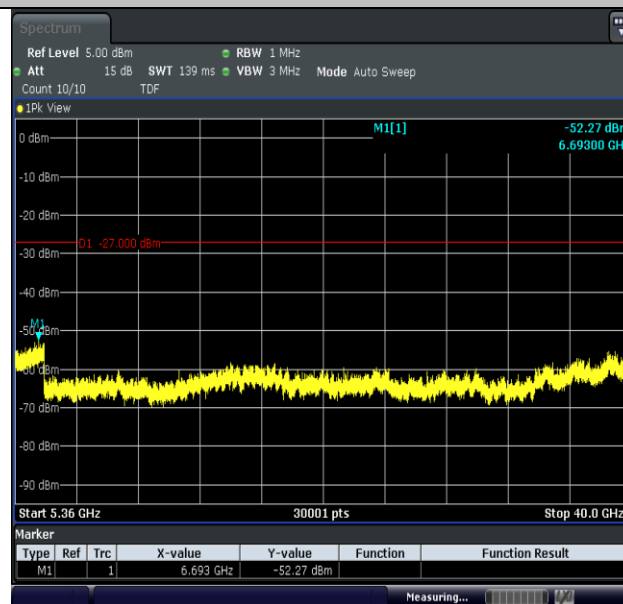
11AC20SISO-Ant1-5200-30~5140-PASS



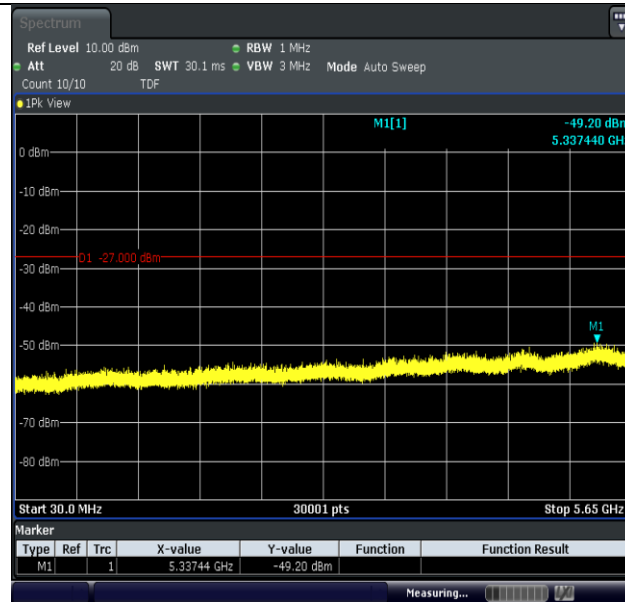
11AC20SISO-Ant1-5200-5360~40000-PASS



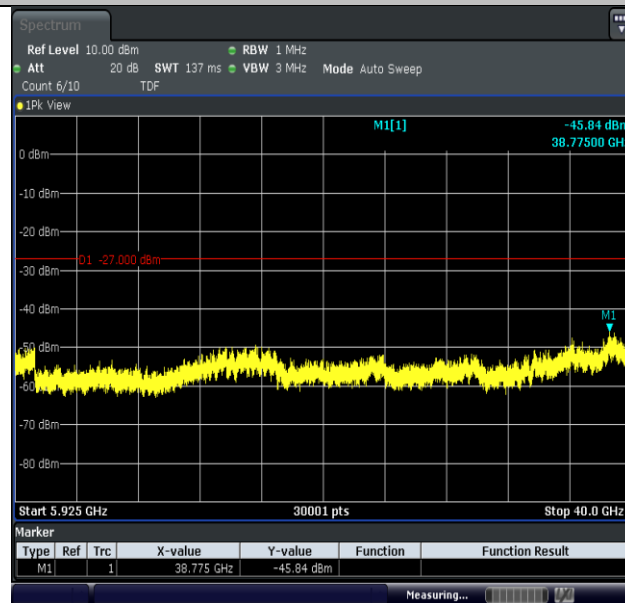
11AC20SISO-Ant1-5240-30~5140-PASS



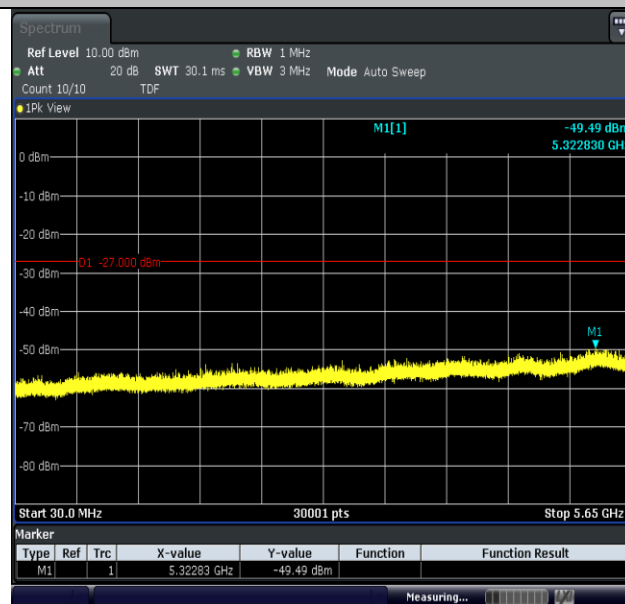
11AC20SISO-Ant1-5240-5360~40000-PASS



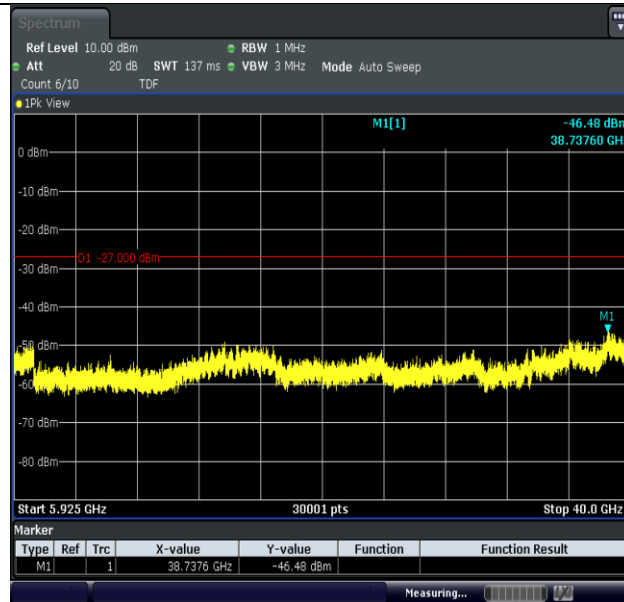
11AC20SISO-Ant1-5745-30~5650-PASS



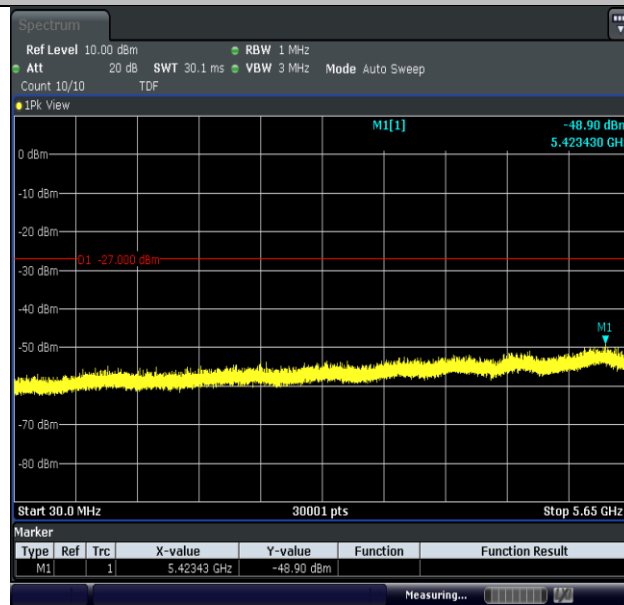
11AC20SISO-Ant1-5745-5925~40000-PASS



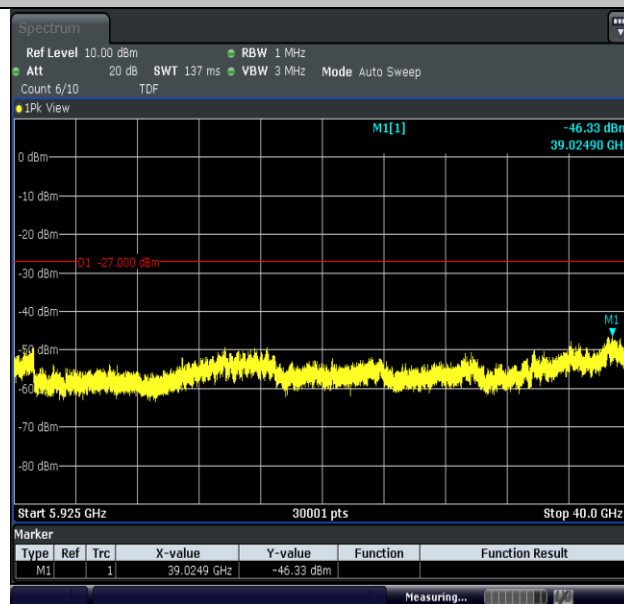
11AC20SISO-Ant1-5785-30~5650-PASS



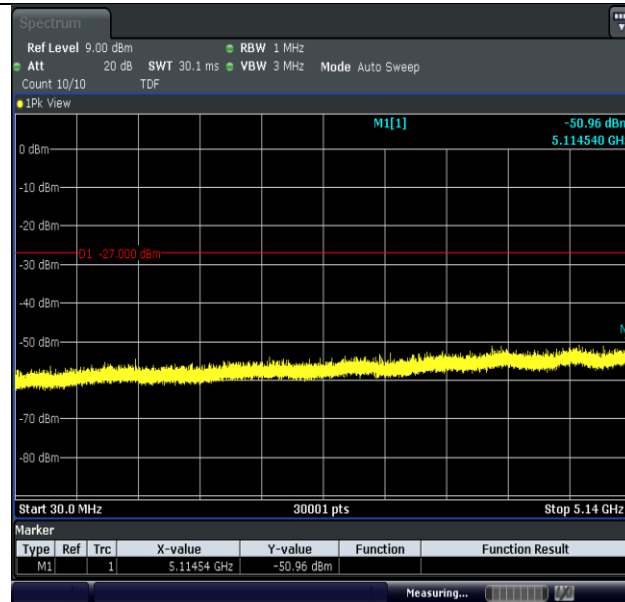
11AC20SISO-Ant1-5785-5925~40000-PASS



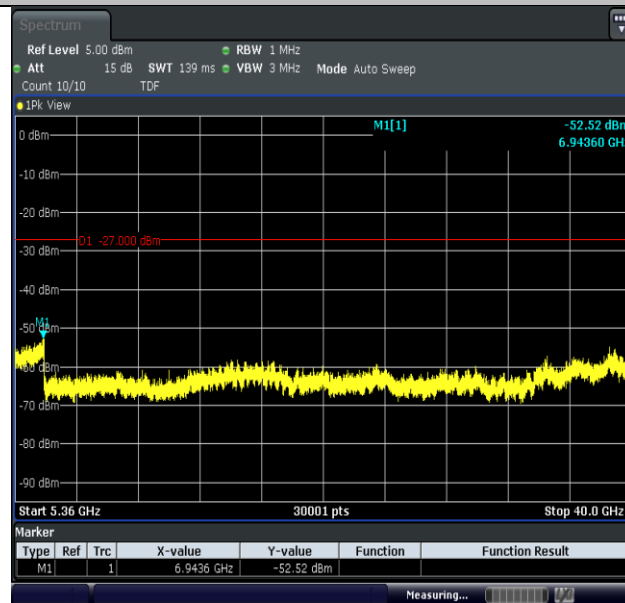
11AC20SISO-Ant1-5825-30~5650-PASS



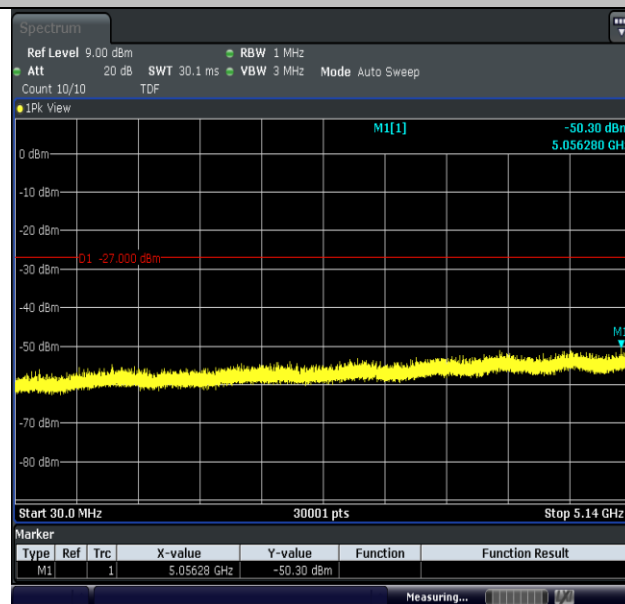
11AC20SISO-Ant1-5825-5925~40000-PASS



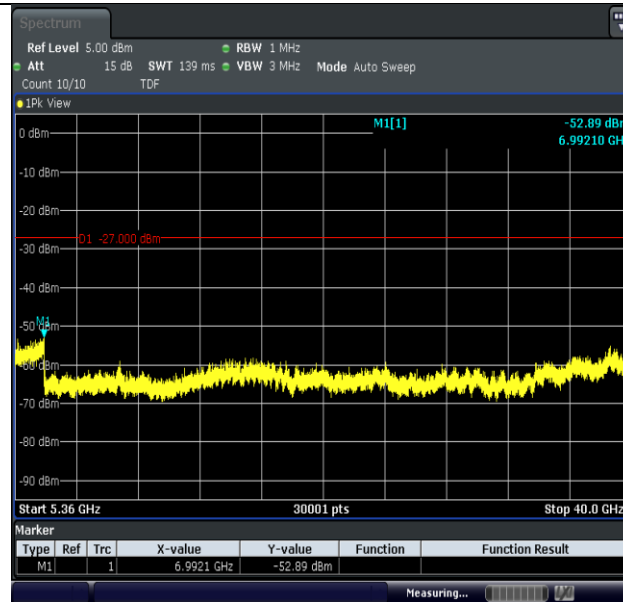
11AC40SISO-Ant1-5190-30~5140-PASS



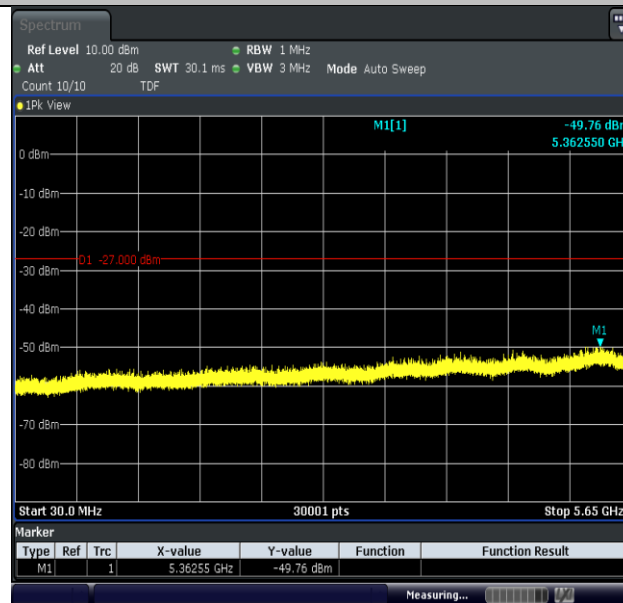
11AC40SISO-Ant1-5190-5360~40000-PASS



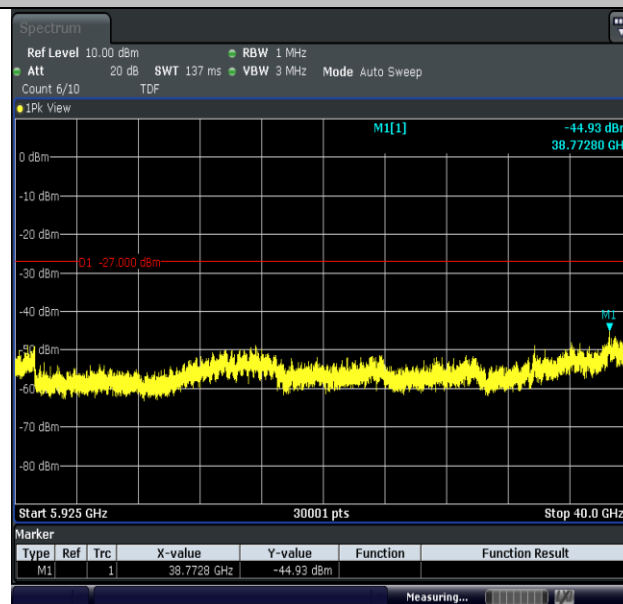
11AC40SISO-Ant1-5230-30~5140-PASS



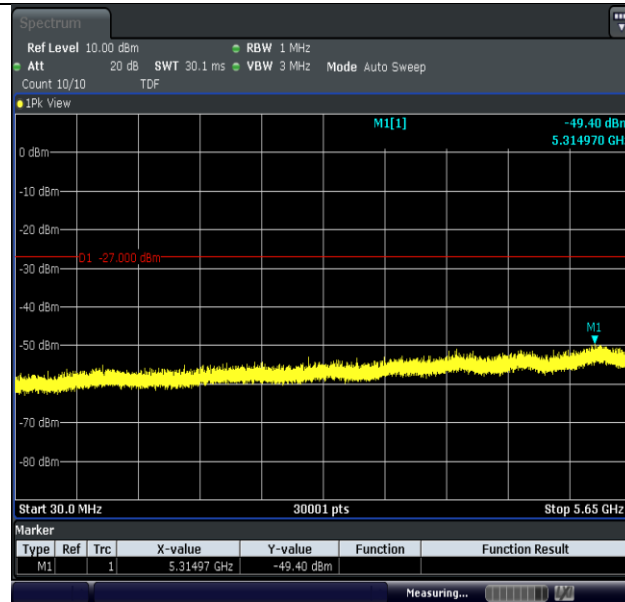
11AC40SISO-Ant1-5230-5360~40000-PASS



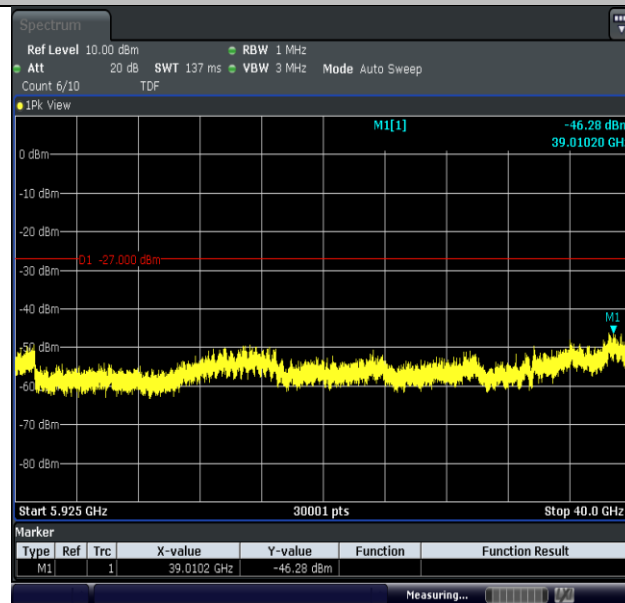
11AC40SISO-Ant1-5755-30~5650-PASS



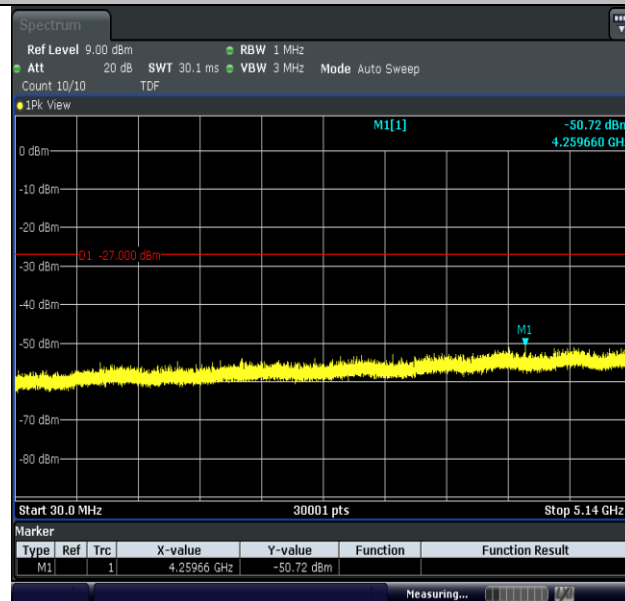
11AC40SISO-Ant1-5755-5925~40000-PASS



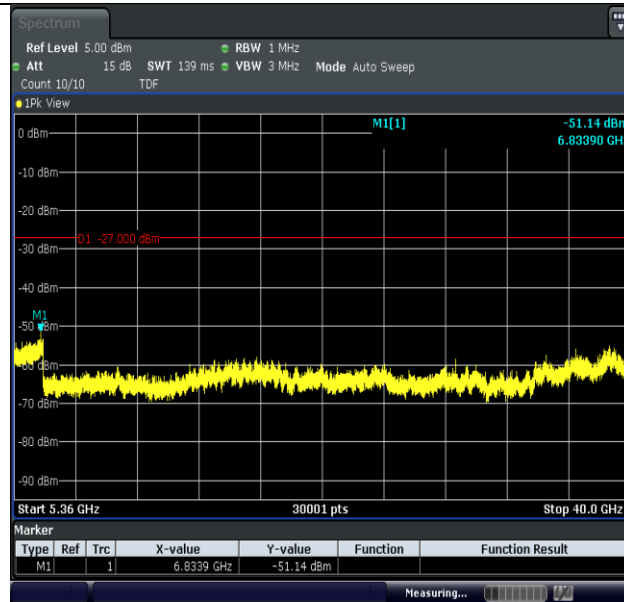
11AC40SISO-Ant1-5795-30~5650-PASS



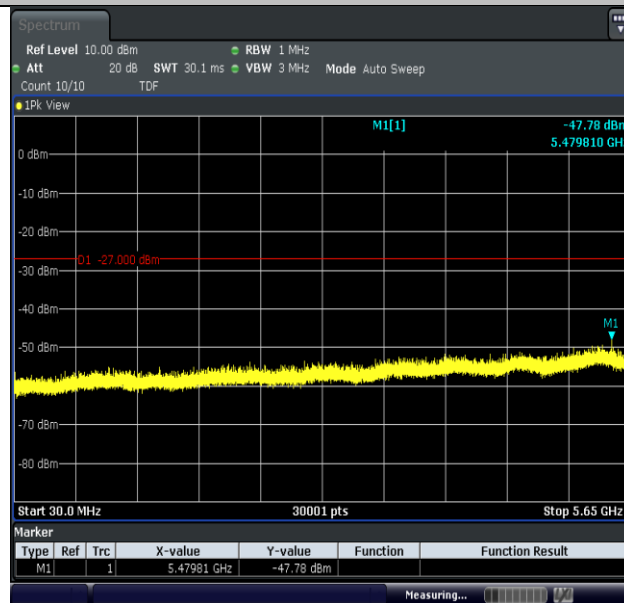
11AC40SISO-Ant1-5795-5925~40000-PASS



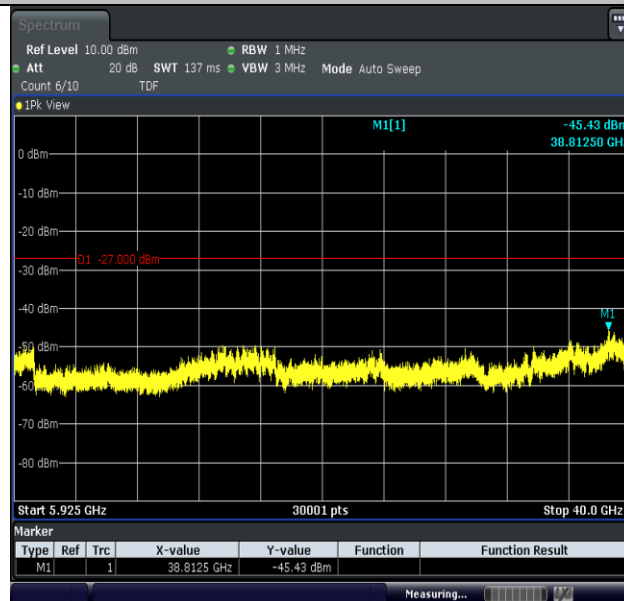
11AC80SISO-Ant1-5210-30~5140-PASS



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



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



11AC80SISO-Ant1-5775-5925~40000-PASS

Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc. Factor [%]	1/T
11A	Ant1	5745	1.39	1.44	96.53	0.15	0.72
11A	Ant1	5785	1.39	1.43	97.20	0.12	0.72
11A	Ant1	5825	1.39	1.44	96.53	0.15	0.72
11N20SISO	Ant1	5745	1.31	1.35	97.04	0.13	0.76
11N20SISO	Ant1	5785	1.31	1.35	97.04	0.13	0.76
11N20SISO	Ant1	5825	1.30	1.34	97.01	0.13	0.77
11N40SISO	Ant1	5755	0.64	0.69	92.75	0.33	1.56
11N40SISO	Ant1	5795	0.65	0.69	94.20	0.26	1.54
11AC20SISO	Ant1	5745	1.30	1.35	96.30	0.16	0.77
11AC20SISO	Ant1	5785	1.31	1.36	96.32	0.16	0.76
11AC20SISO	Ant1	5825	1.31	1.36	96.32	0.16	0.76
11AC40SISO	Ant1	5755	0.65	0.70	92.86	0.32	1.54
11AC40SISO	Ant1	5795	0.65	0.69	94.20	0.26	1.54
11AC80SISO	Ant1	5775	0.33	0.37	89.19	0.50	3.03

Test Graphs

