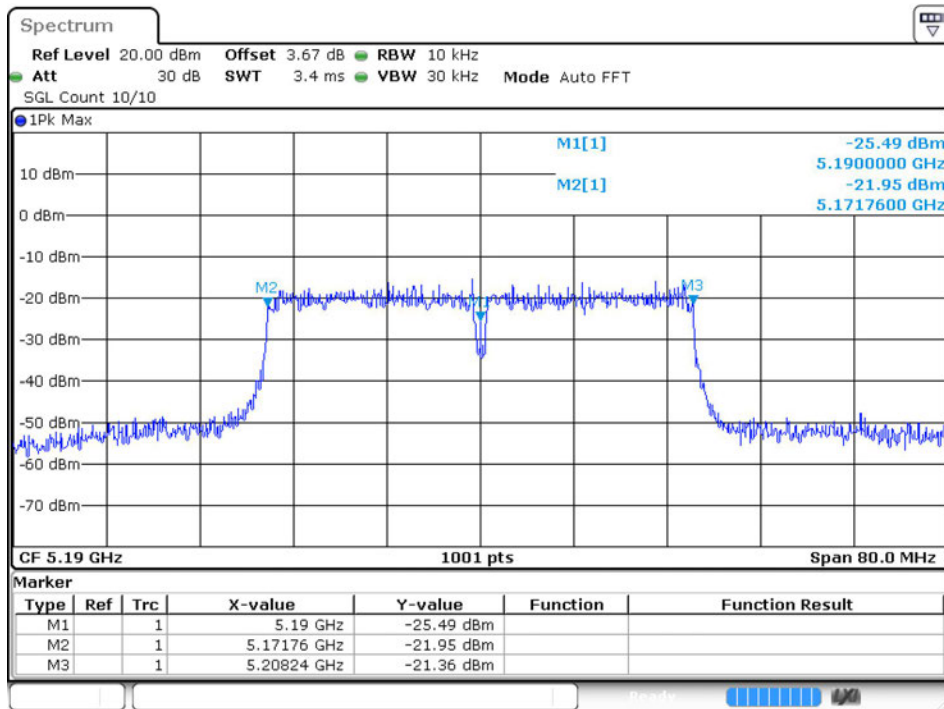
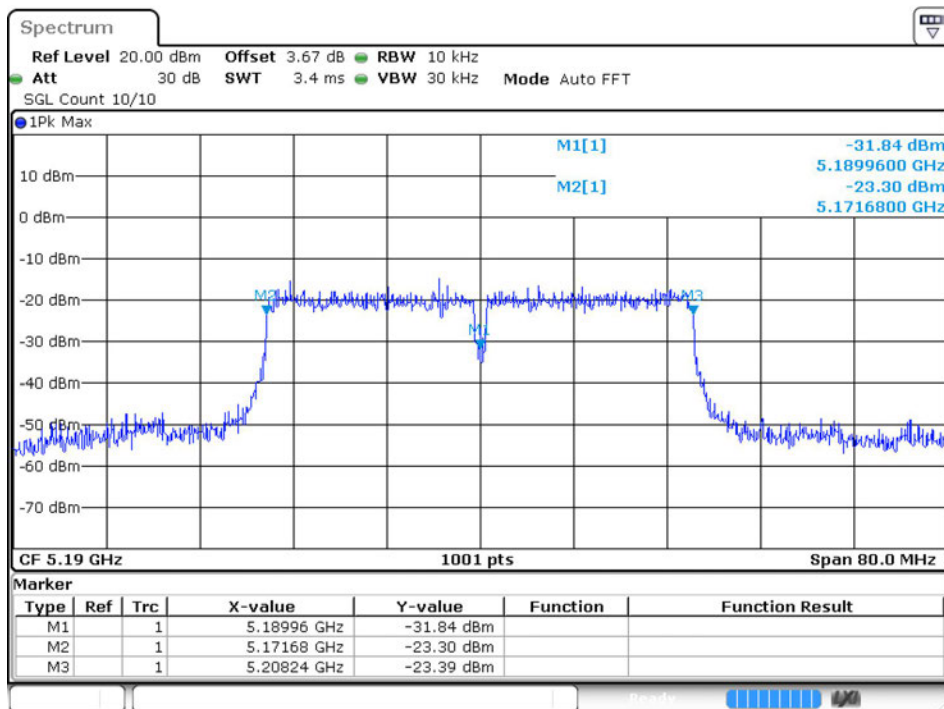




Freq. Stability 10C 120V ac40 5190MHz Ant1

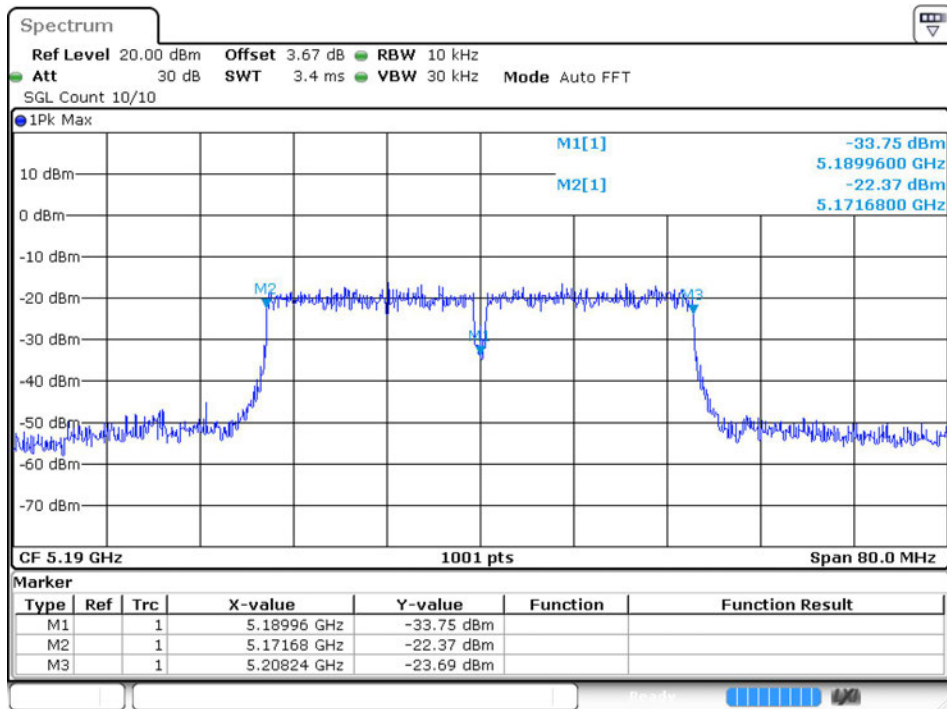


Freq. Stability 30C 120V ac40 5190MHz Ant1

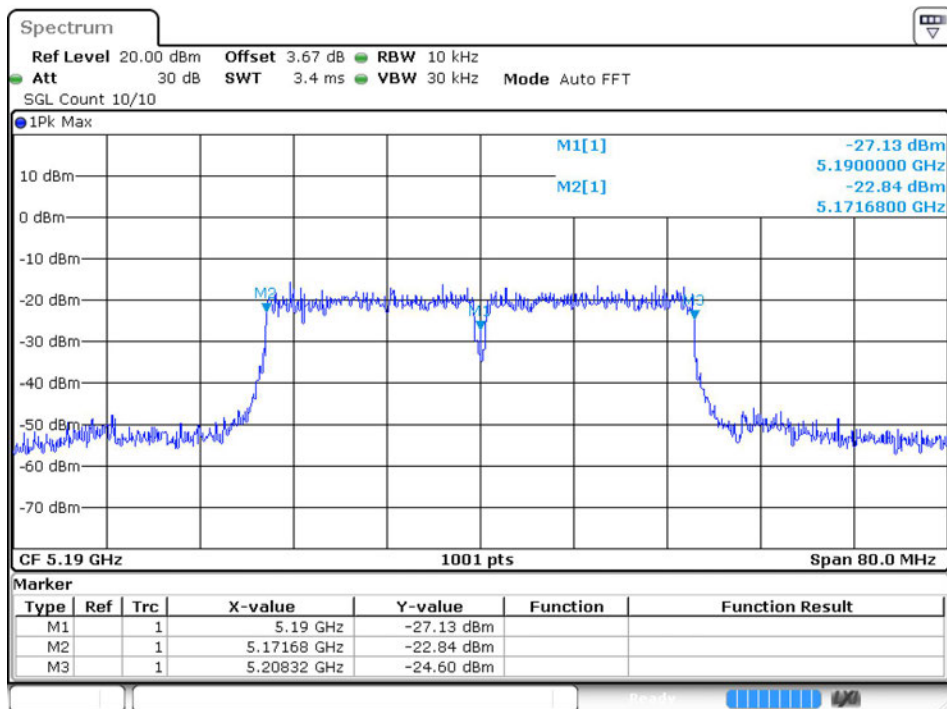




Freq. Stability 40C 120V ac40 5190MHz Ant1

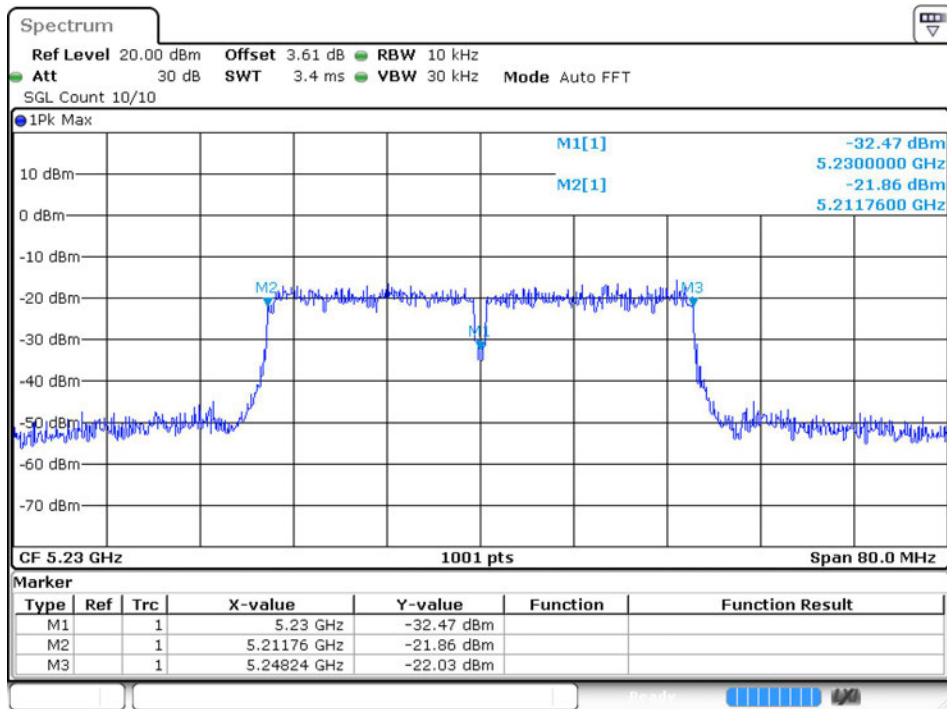


Freq. Stability 50C 120V ac40 5190MHz Ant1

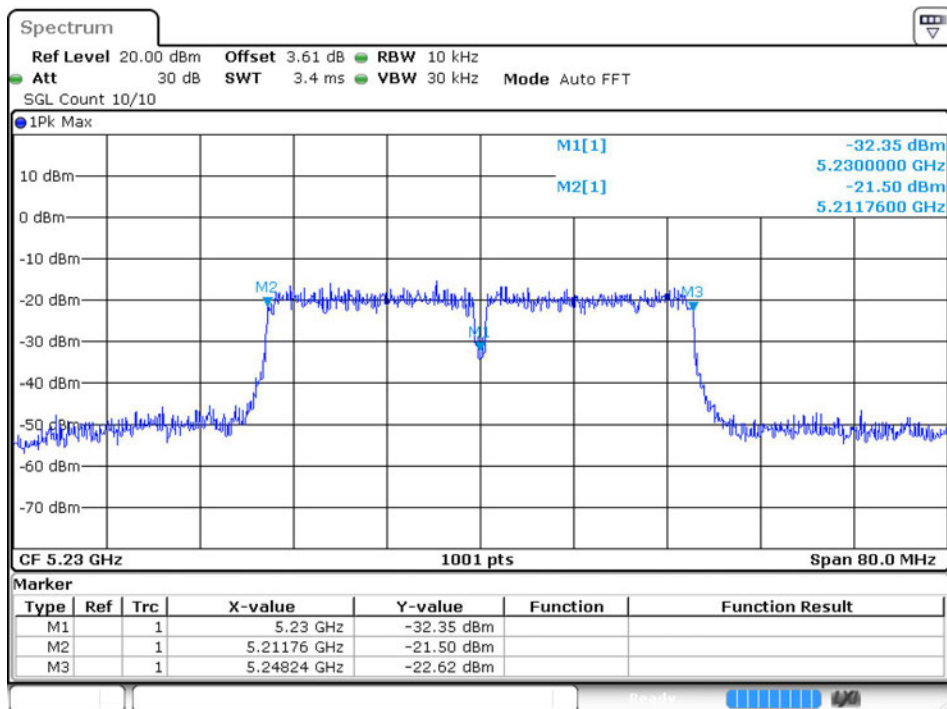




Freq. Stability 20C 102V ac40 5230MHz Ant1

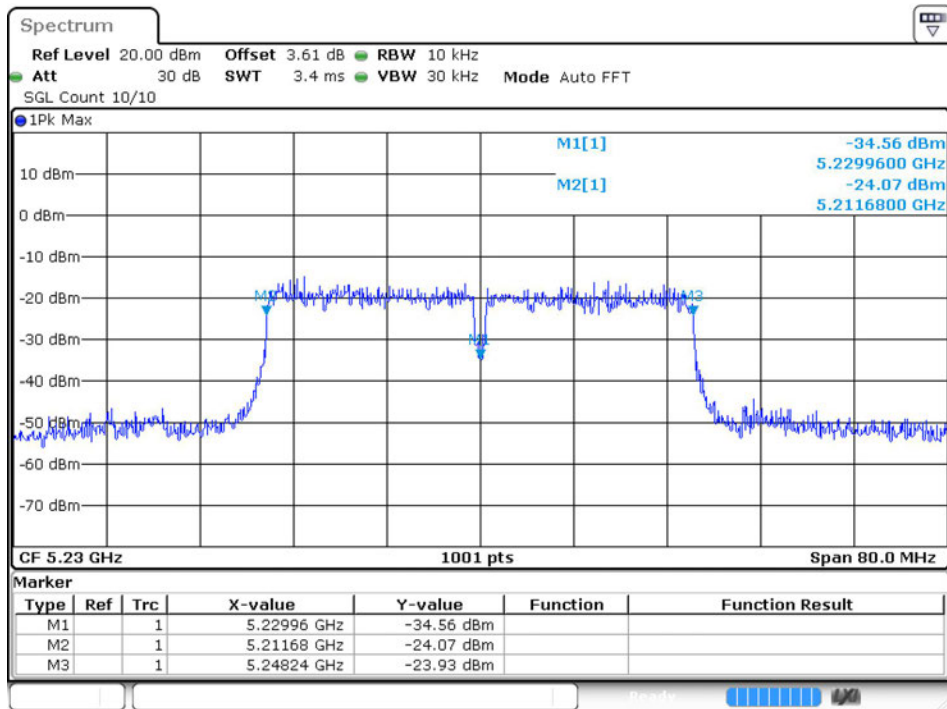


Freq. Stability 20C 120V ac40 5230MHz Ant1

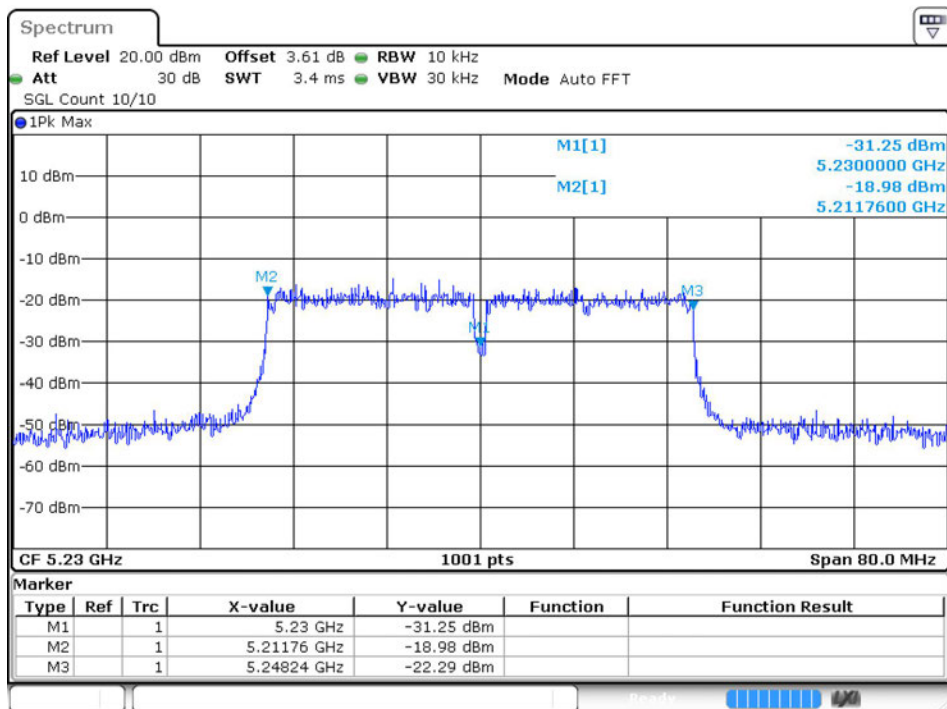




Freq. Stability 20C 138V ac40 5230MHz Ant1

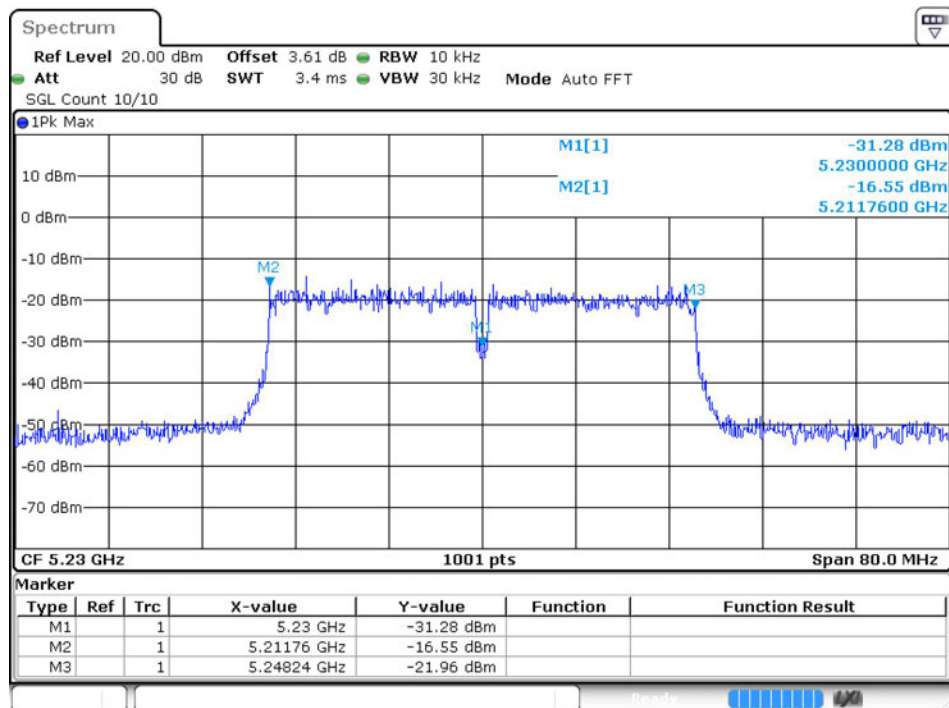


Freq. Stability -20C 120V ac40 5230MHz Ant1

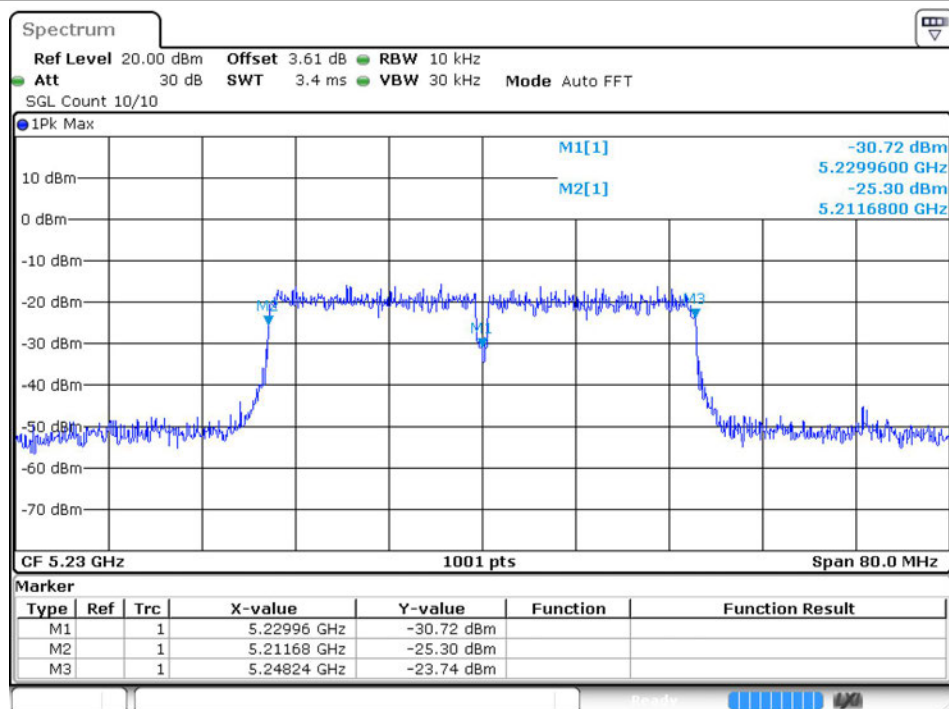


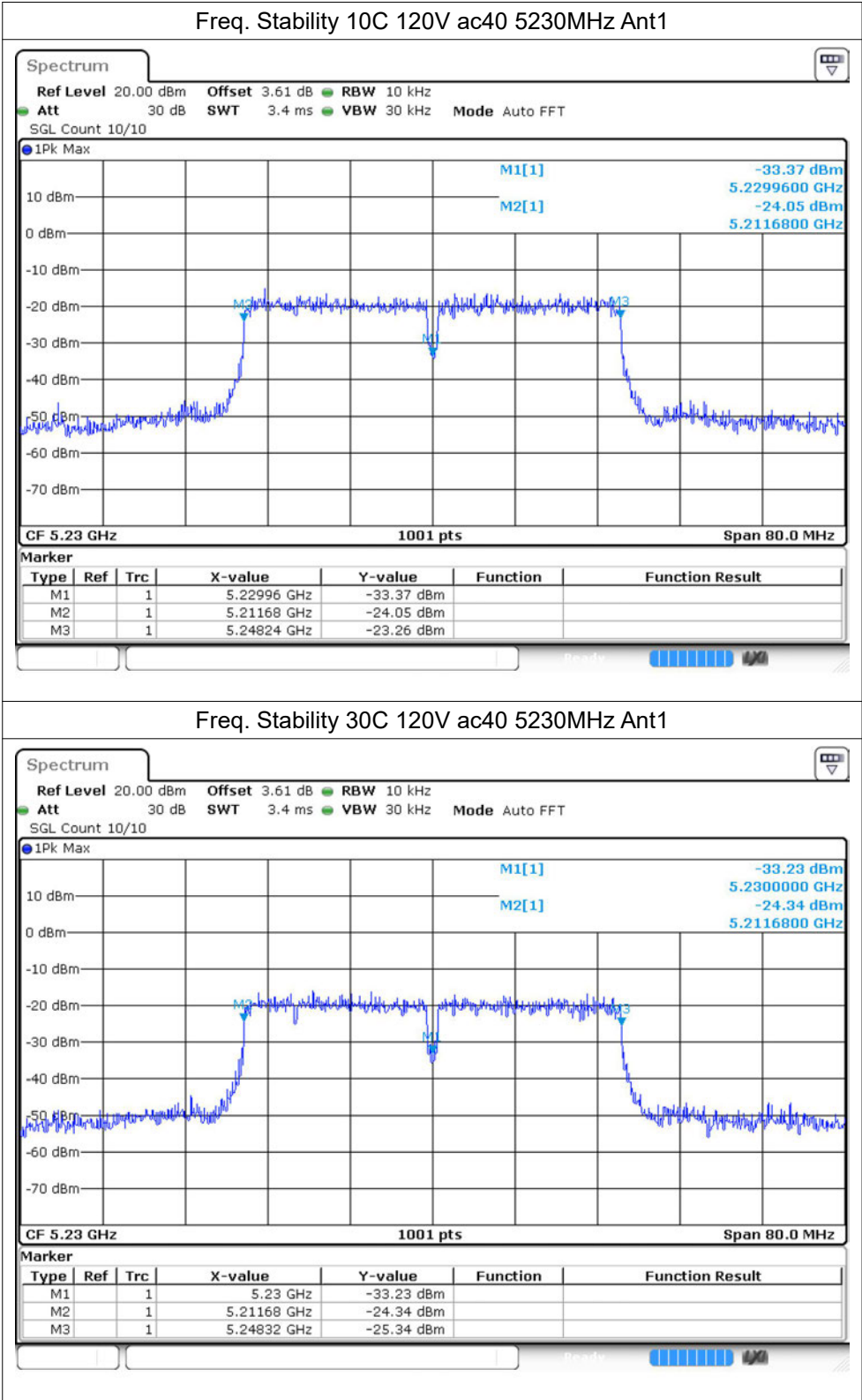


Freq. Stability -10C 120V ac40 5230MHz Ant1



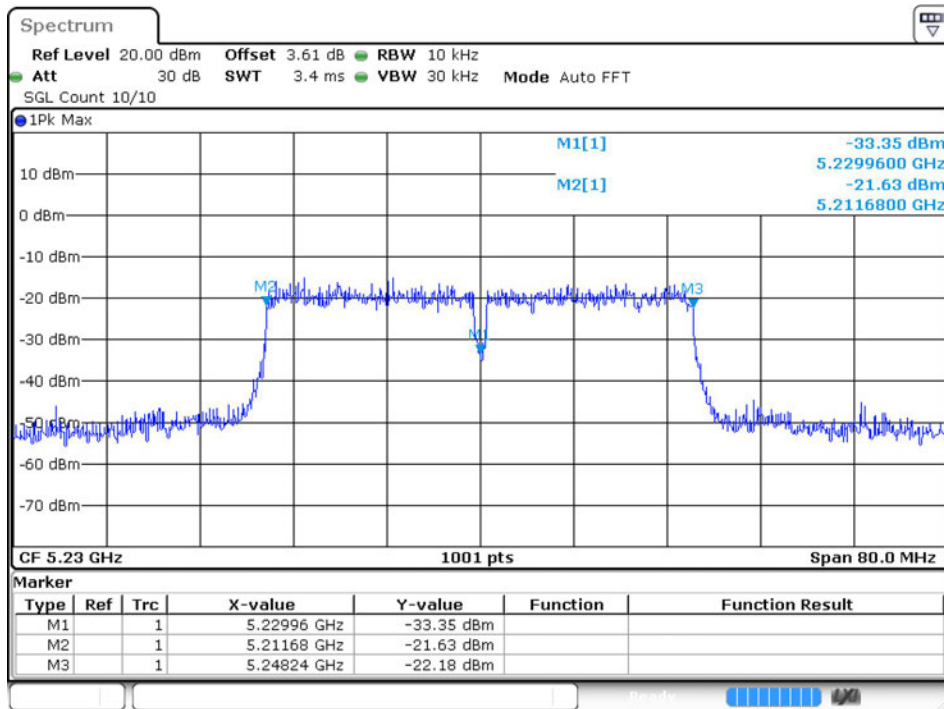
Freq. Stability 0C 120V ac40 5230MHz Ant1



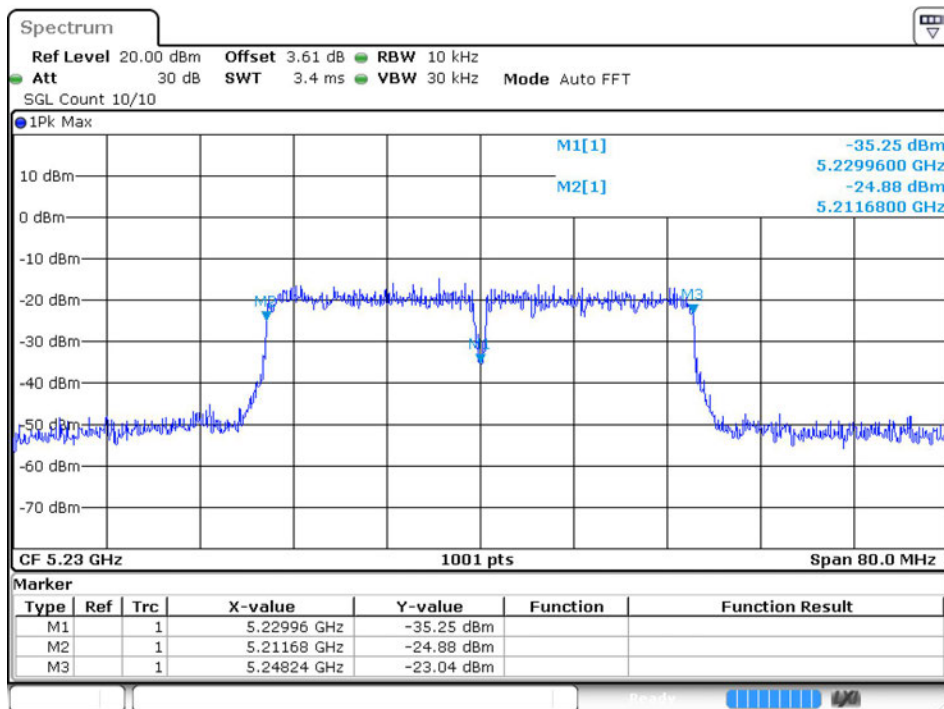




Freq. Stability 40C 120V ac40 5230MHz Ant1

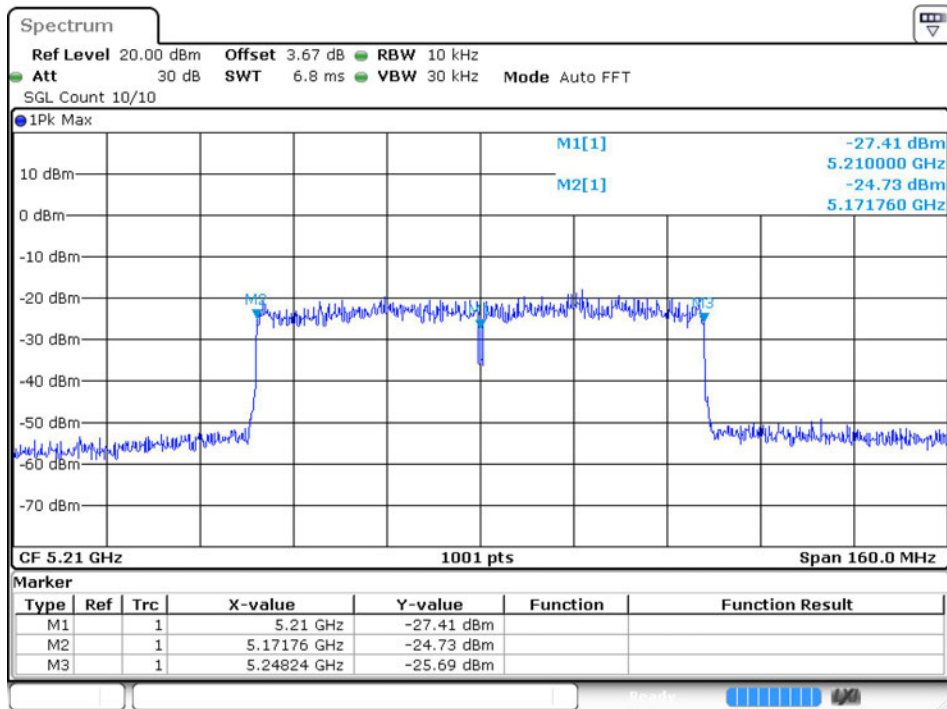


Freq. Stability 50C 120V ac40 5230MHz Ant1

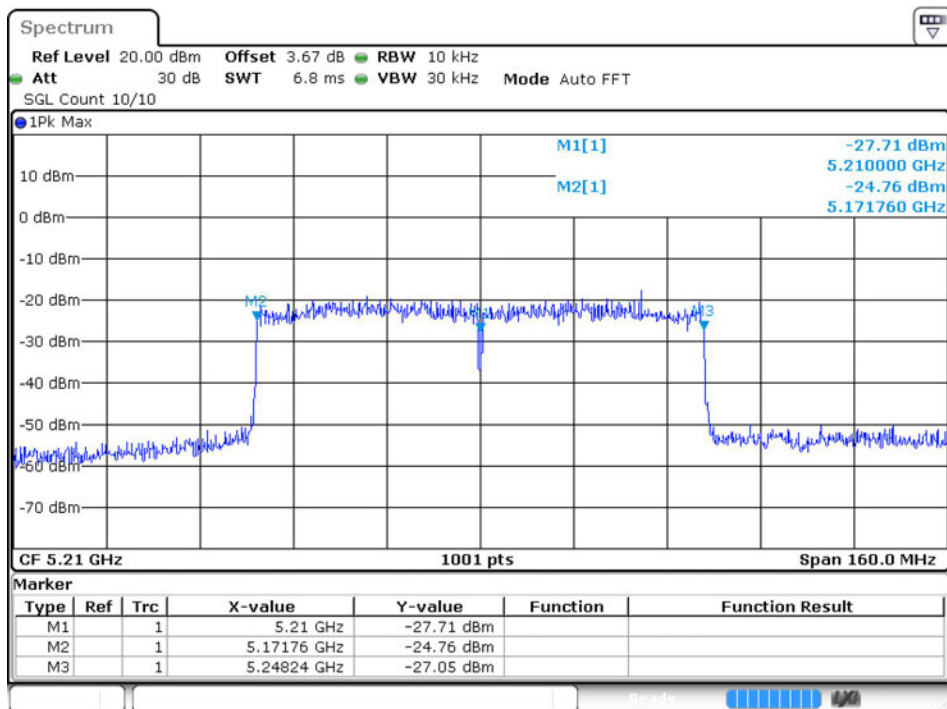




Freq. Stability 20C 102V ac80 5210MHz Ant1

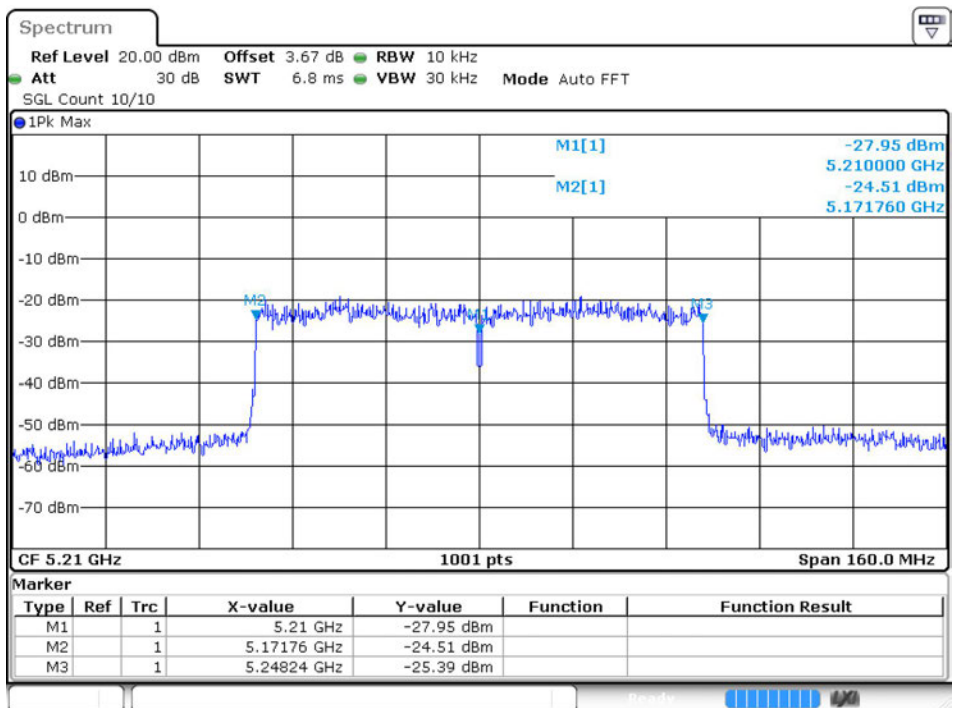


Freq. Stability 20C 120V ac80 5210MHz Ant1

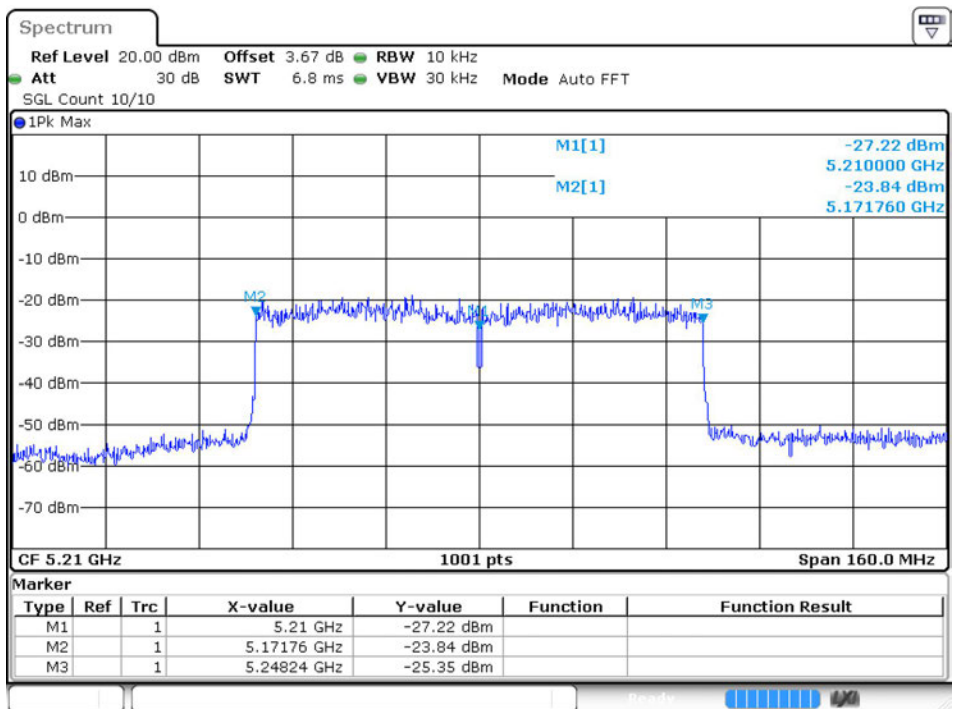




Freq. Stability 20C 138V ac80 5210MHz Ant1

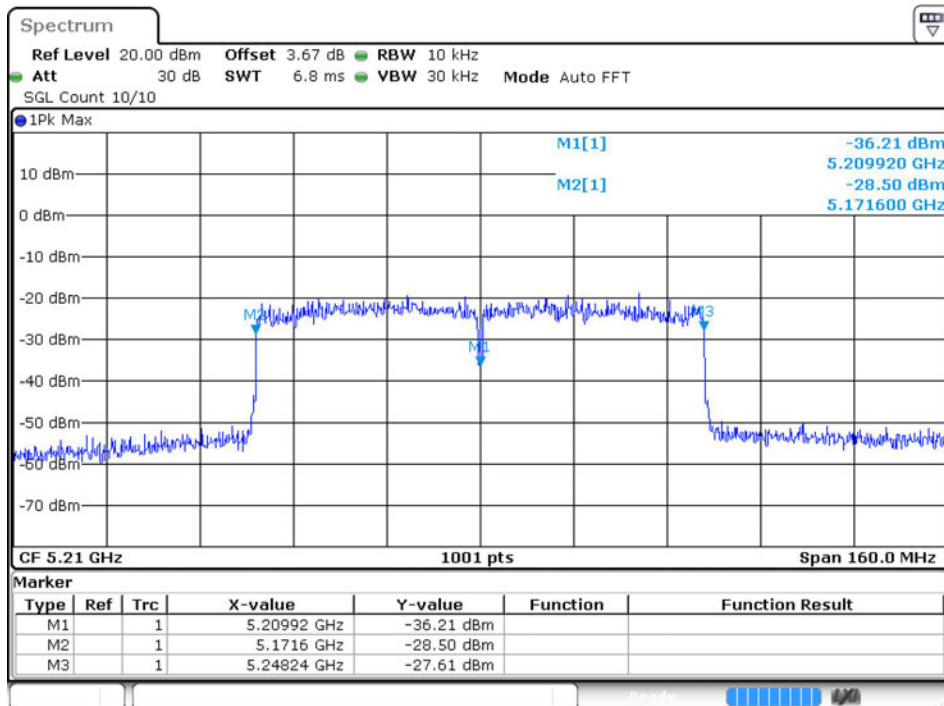


Freq. Stability -20C 120V ac80 5210MHz Ant1

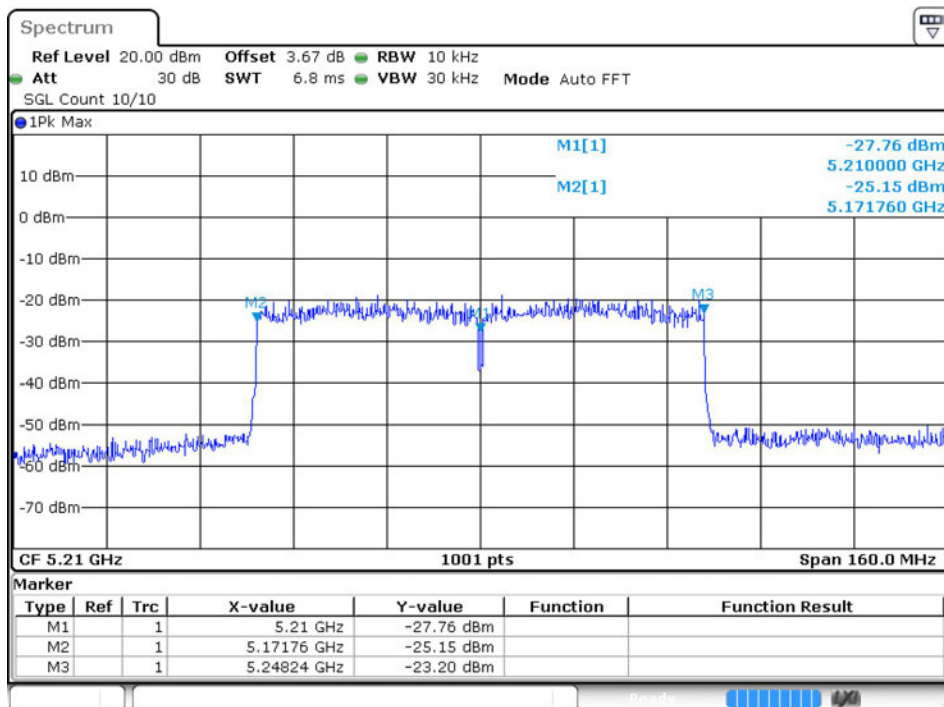




Freq. Stability -10C 120V ac80 5210MHz Ant1

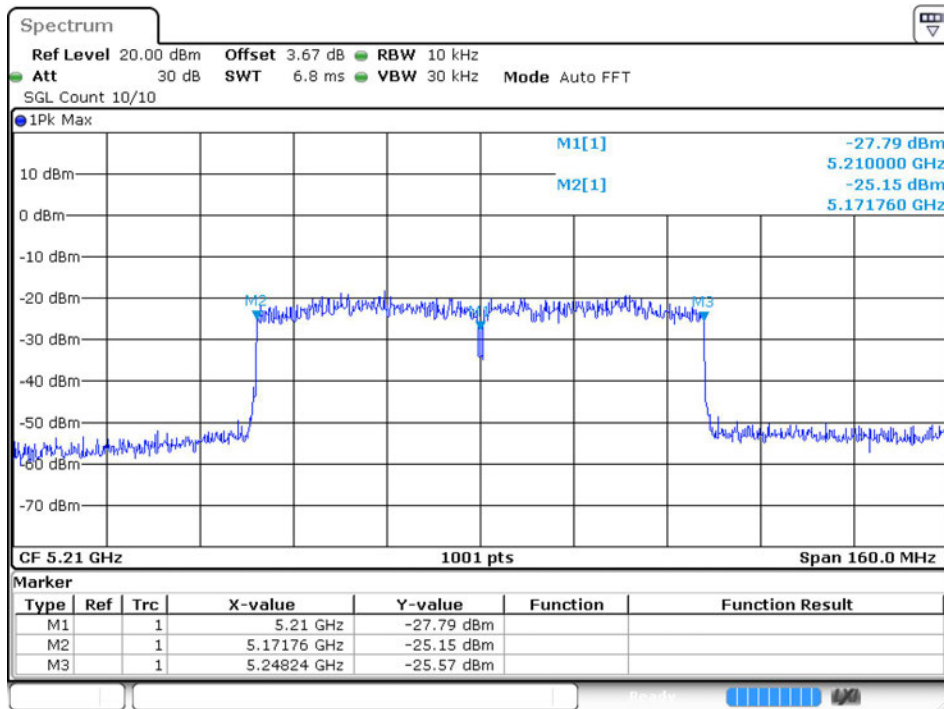


Freq. Stability 0C 120V ac80 5210MHz Ant1

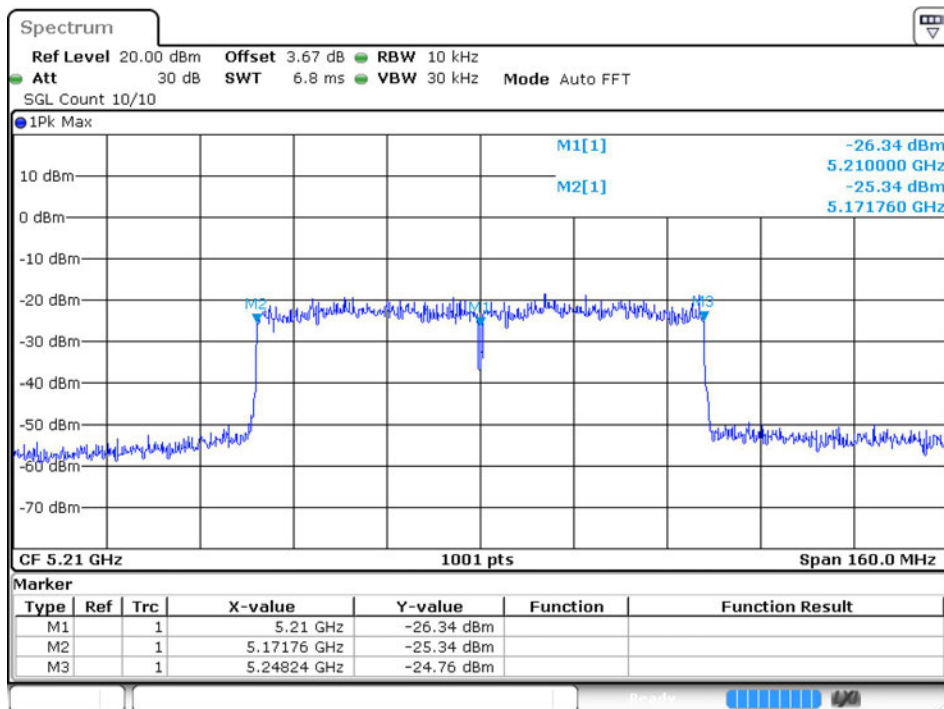




Freq. Stability 10C 120V ac80 5210MHz Ant1

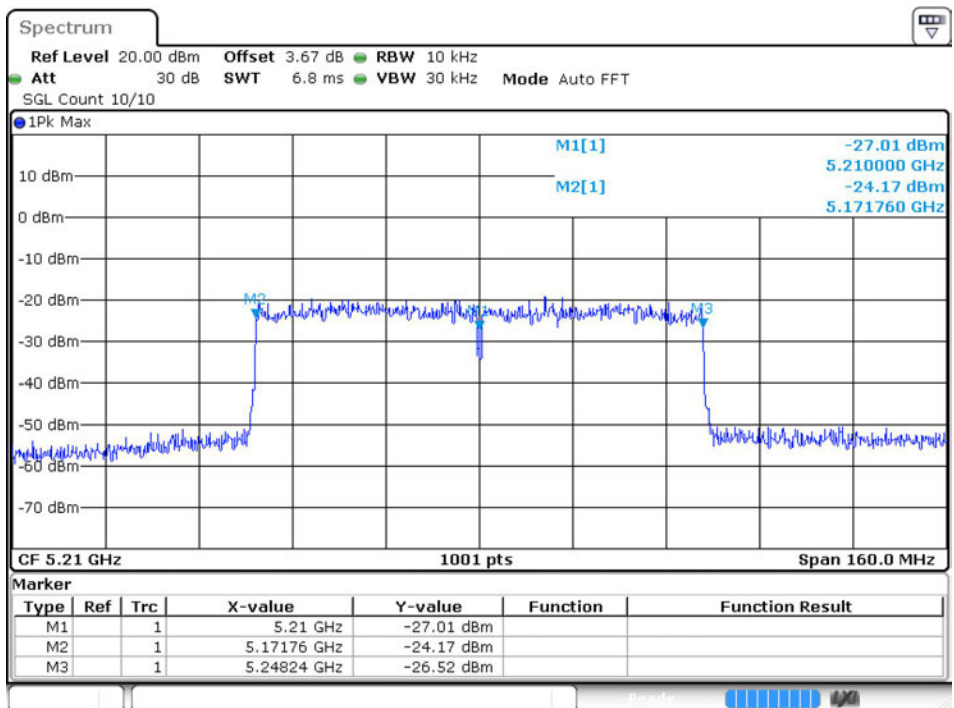


Freq. Stability 30C 120V ac80 5210MHz Ant1

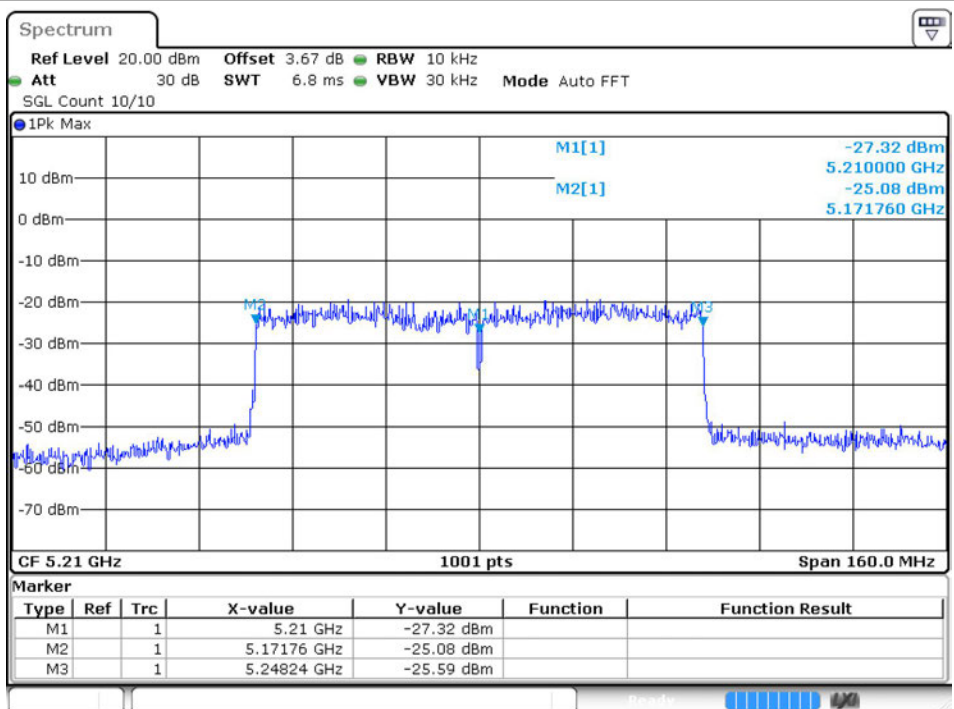




Freq. Stability 40C 120V ac80 5210MHz Ant1



Freq. Stability 50C 120V ac80 5210MHz Ant1





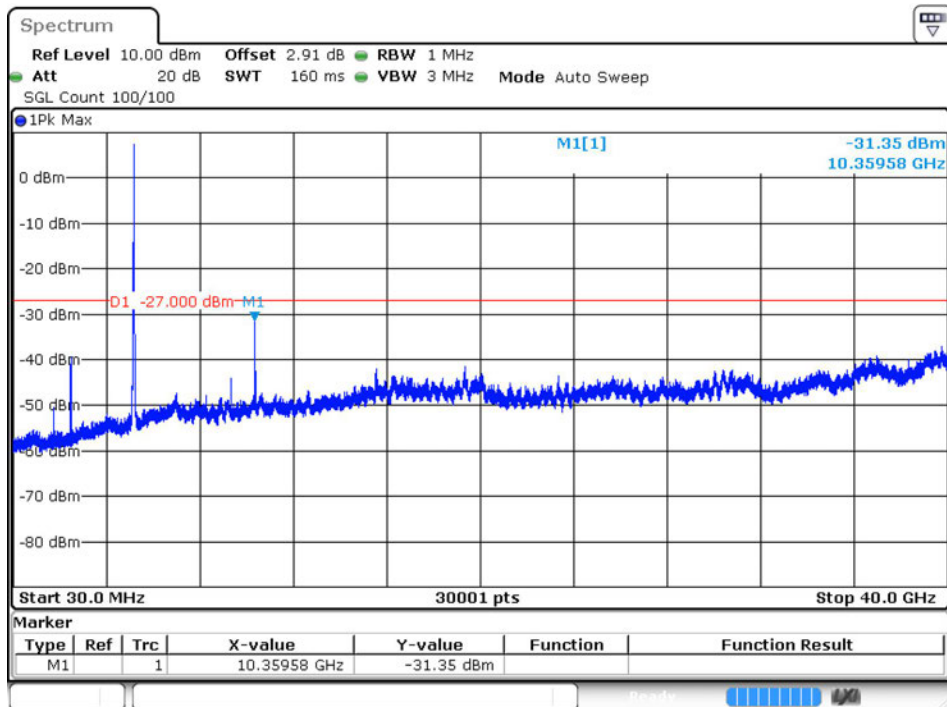
8 Conducted RF Spurious Emission

Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
802.11a	5180	Ant1	-31.34	-27	Pass
802.11a	5200	Ant1	-33.31	-27	Pass
802.11a	5240	Ant1	-33.02	-27	Pass
802.11n20	5180	Ant1	-33.58	-27	Pass
802.11n20	5200	Ant1	-33.59	-27	Pass
802.11n20	5240	Ant1	-34.24	-27	Pass
802.11n40	5190	Ant1	-37.7	-27	Pass
802.11n40	5230	Ant1	-36.09	-27	Pass
802.11ac20	5180	Ant1	-33.19	-27	Pass
802.11ac20	5200	Ant1	-33.57	-27	Pass
802.11ac20	5240	Ant1	-34.34	-27	Pass
802.11ac40	5190	Ant1	-36.7	-27	Pass
802.11ac40	5230	Ant1	-36.91	-27	Pass
802.11ac80	5210	Ant1	-37.58	-27	Pass

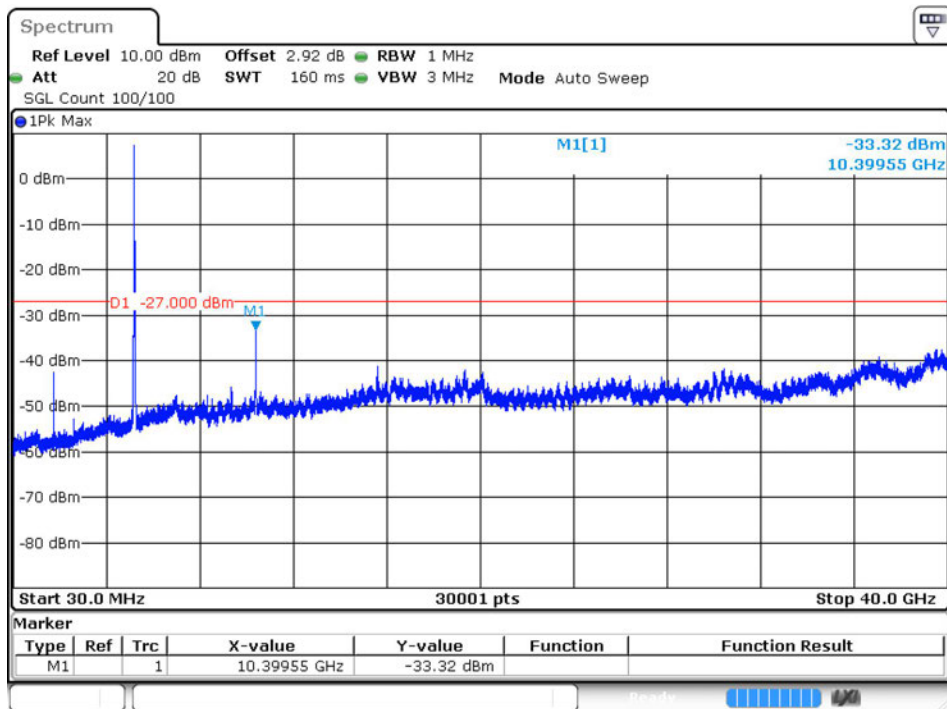


Test Graphs

Tx. Spurious NVNT a 5180MHz Ant1 Emission

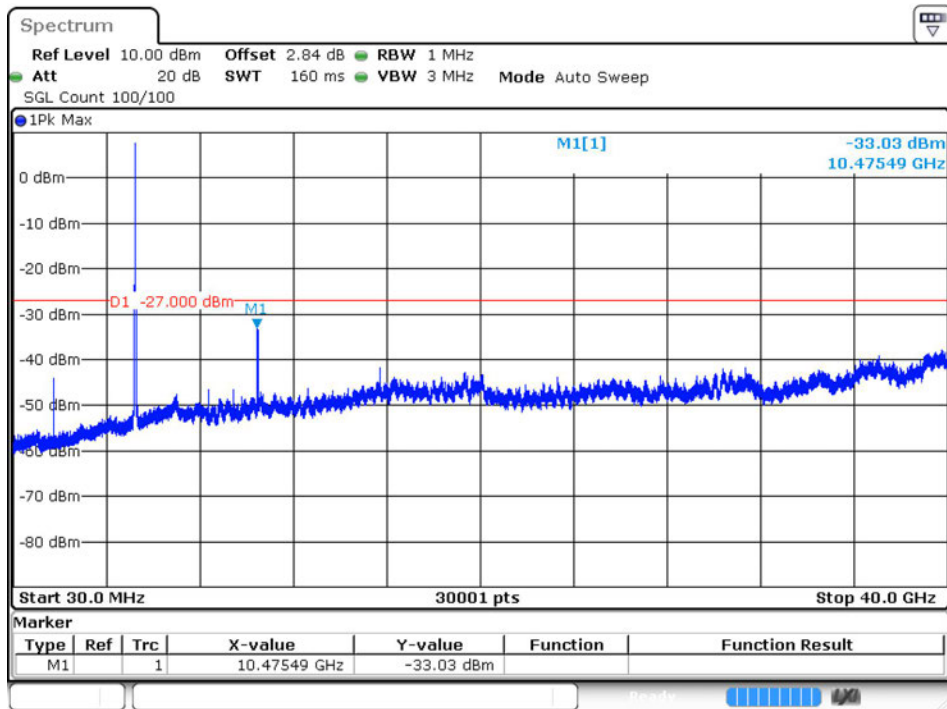


Tx. Spurious NVNT a 5200MHz Ant1 Emission

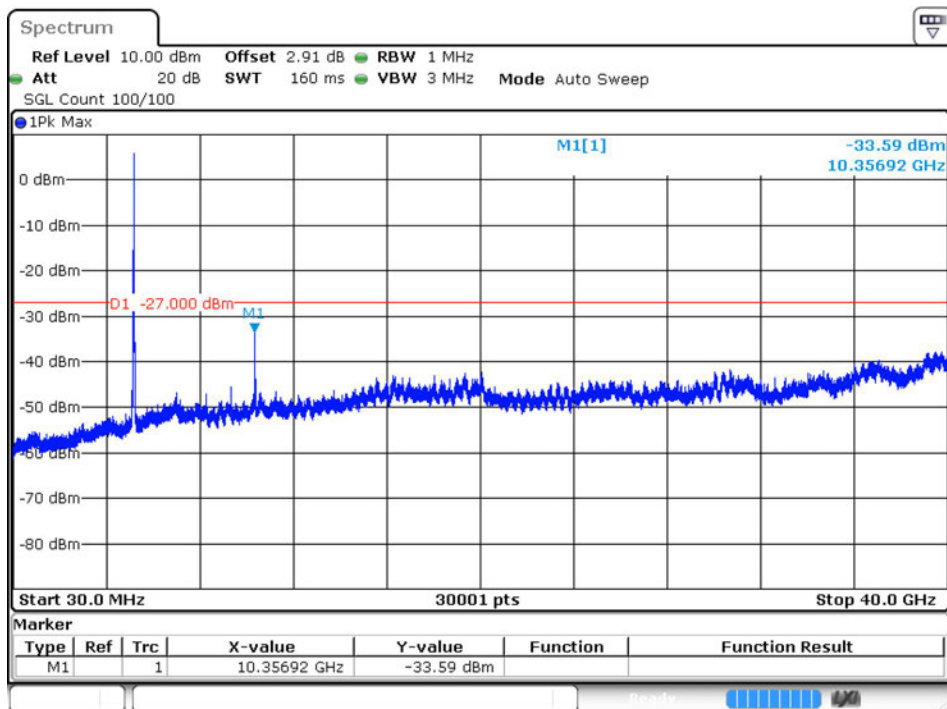




Tx. Spurious NVNT a 5240MHz Ant1 Emission

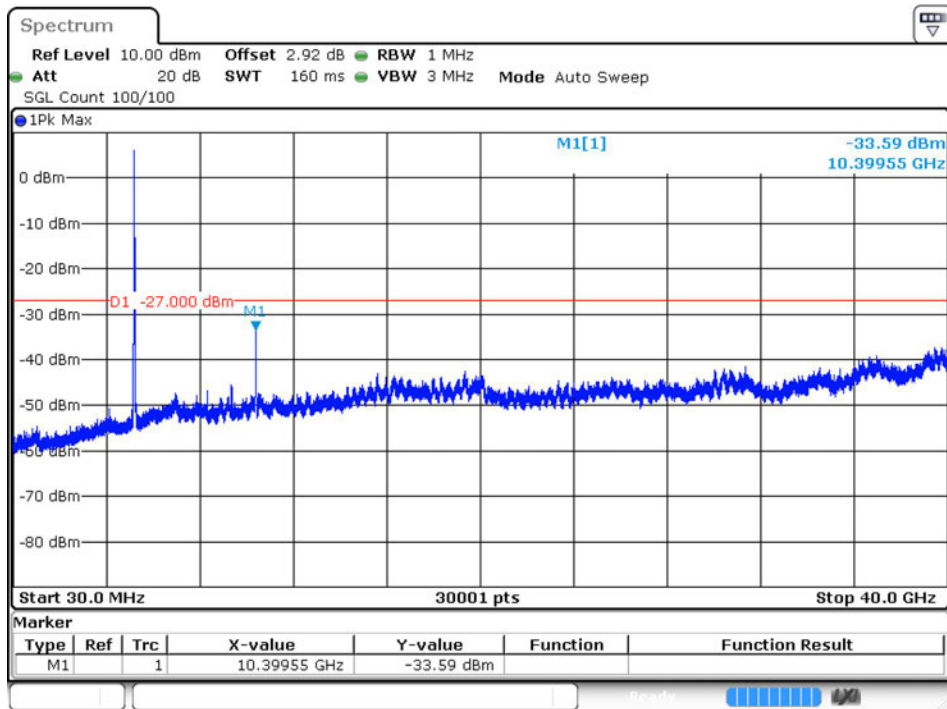


Tx. Spurious NVNT n20 5180MHz Ant1 Emission

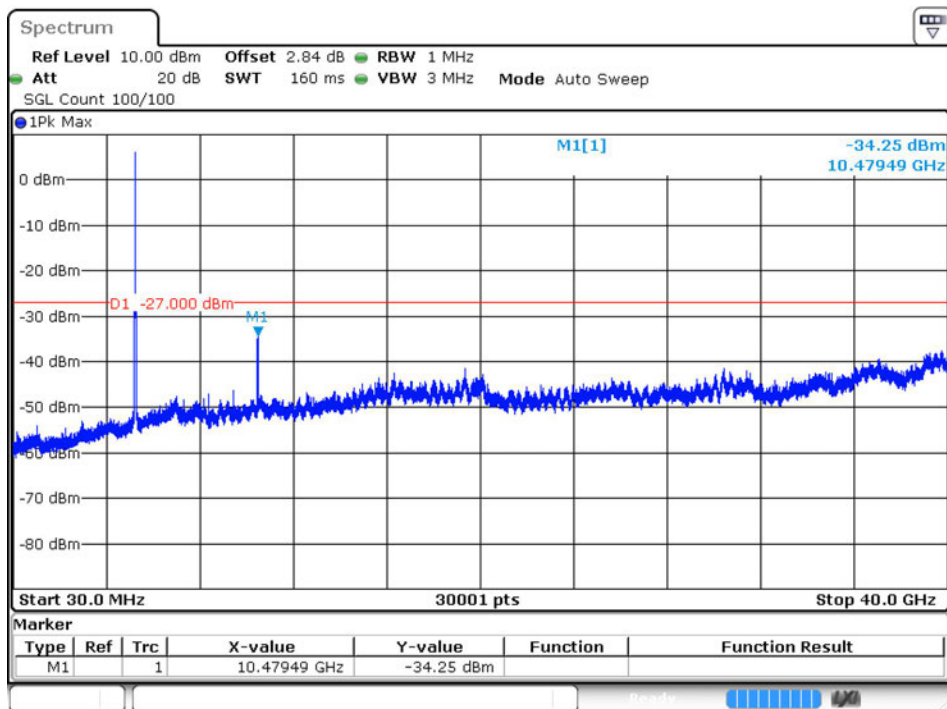




Tx. Spurious NVNT n20 5200MHz Ant1 Emission

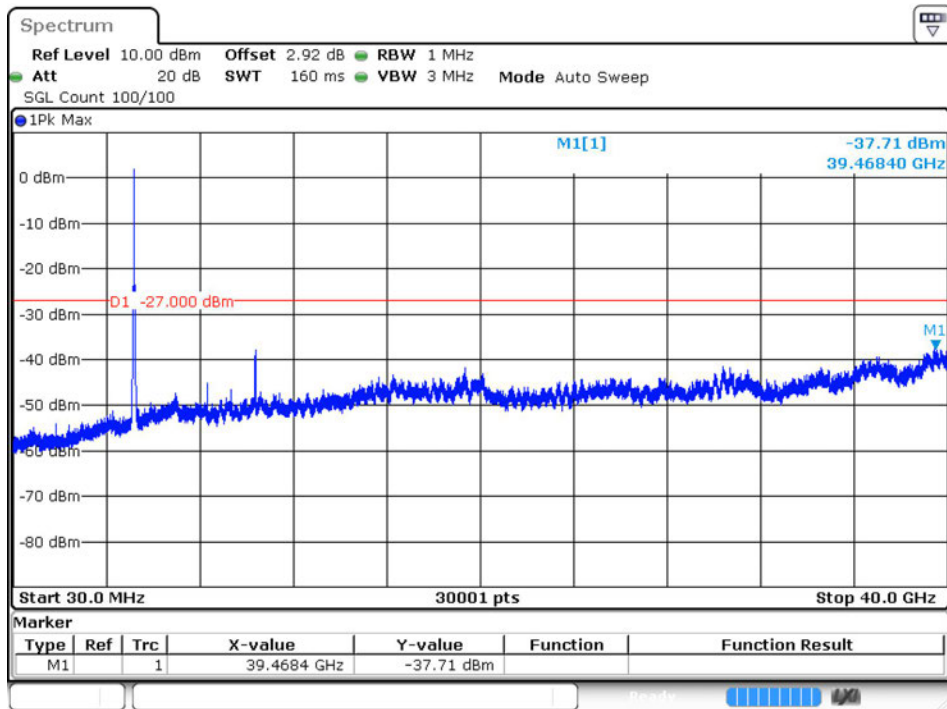


Tx. Spurious NVNT n20 5240MHz Ant1 Emission

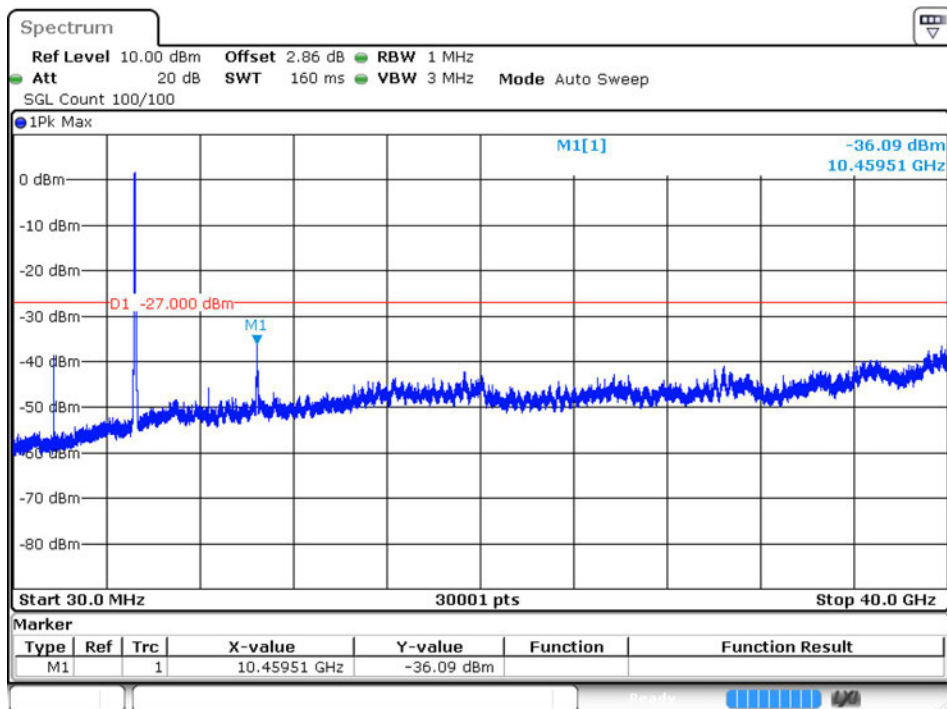




Tx. Spurious NVNT n40 5190MHz Ant1 Emission

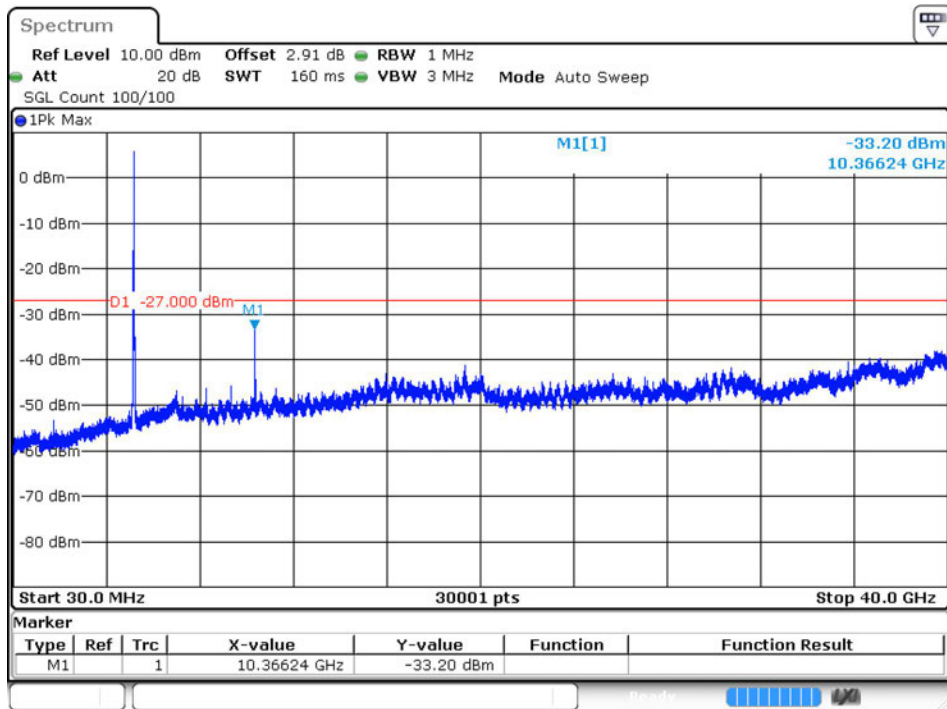


Tx. Spurious NVNT n40 5230MHz Ant1 Emission

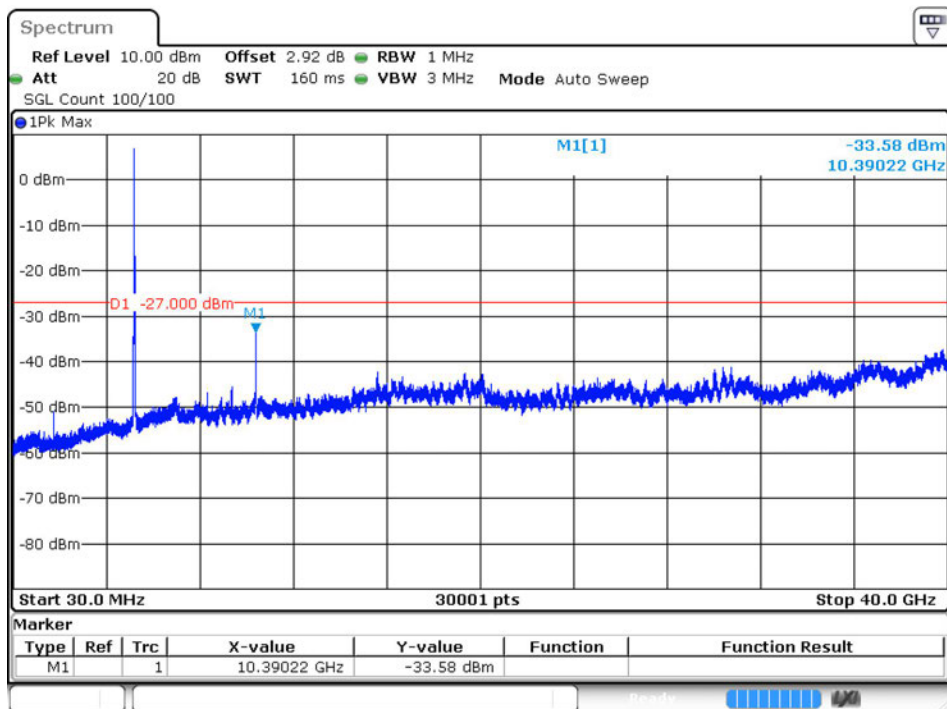




Tx. Spurious NVNT ac20 5180MHz Ant1 Emission

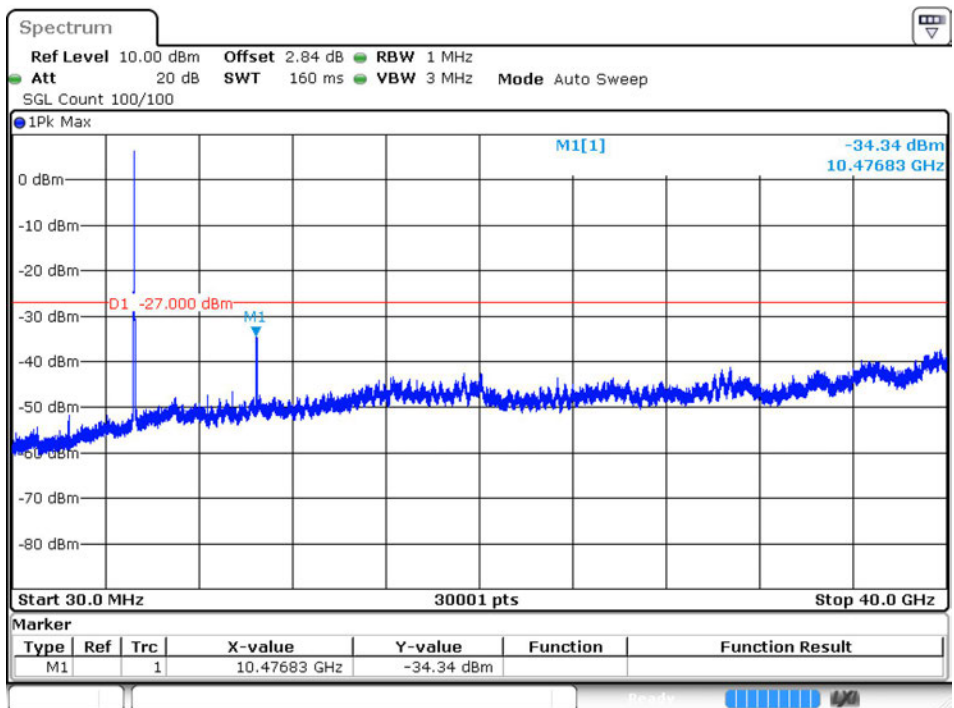


Tx. Spurious NVNT ac20 5200MHz Ant1 Emission

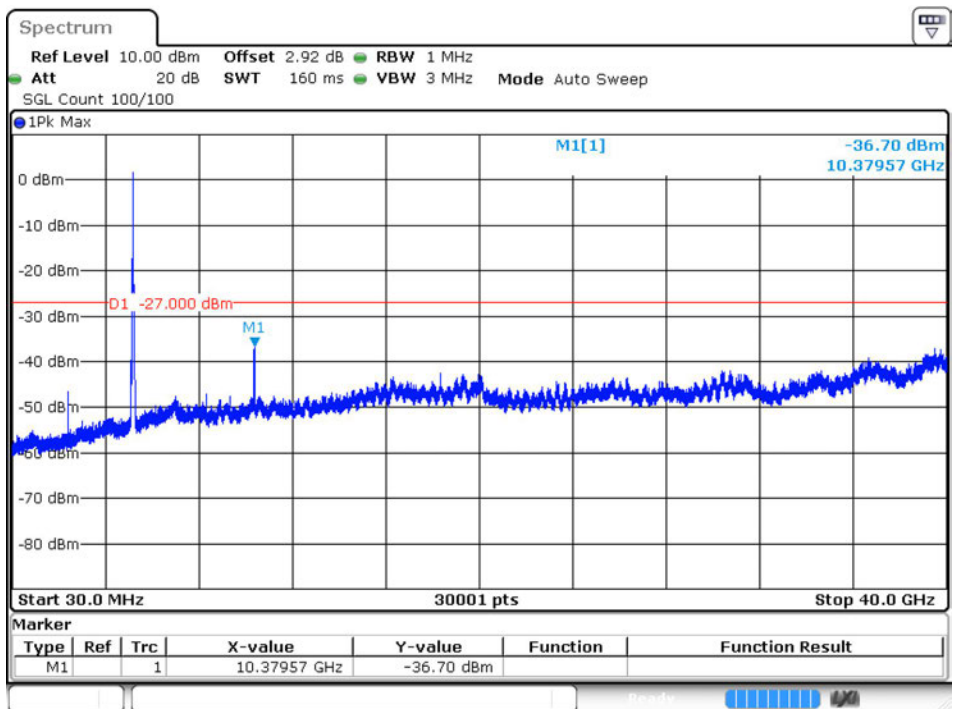




Tx. Spurious NVNT ac20 5240MHz Ant1 Emission

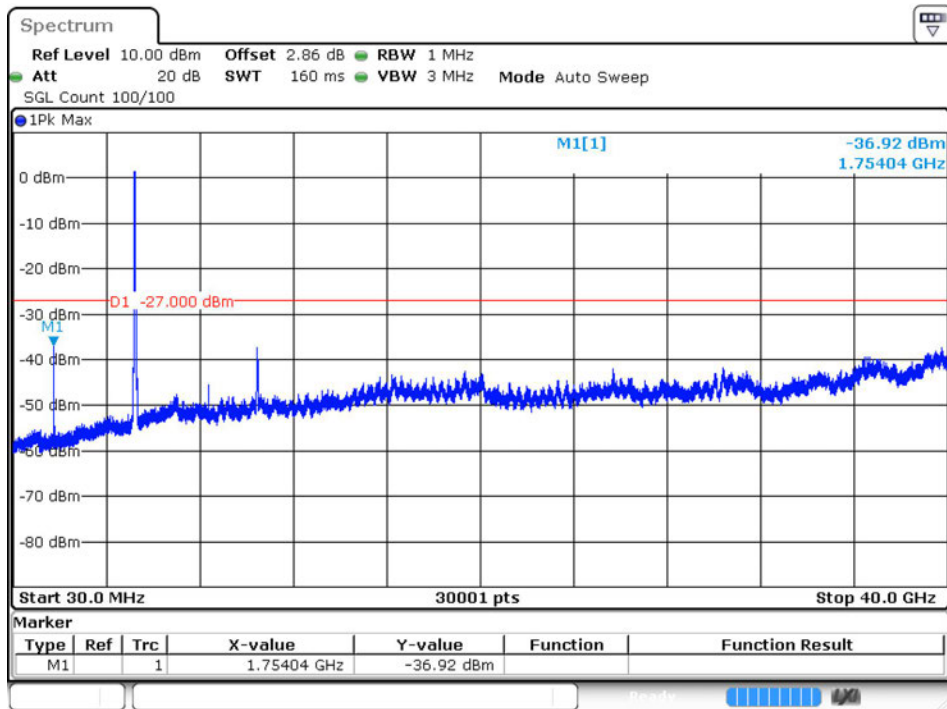


Tx. Spurious NVNT ac40 5190MHz Ant1 Emission

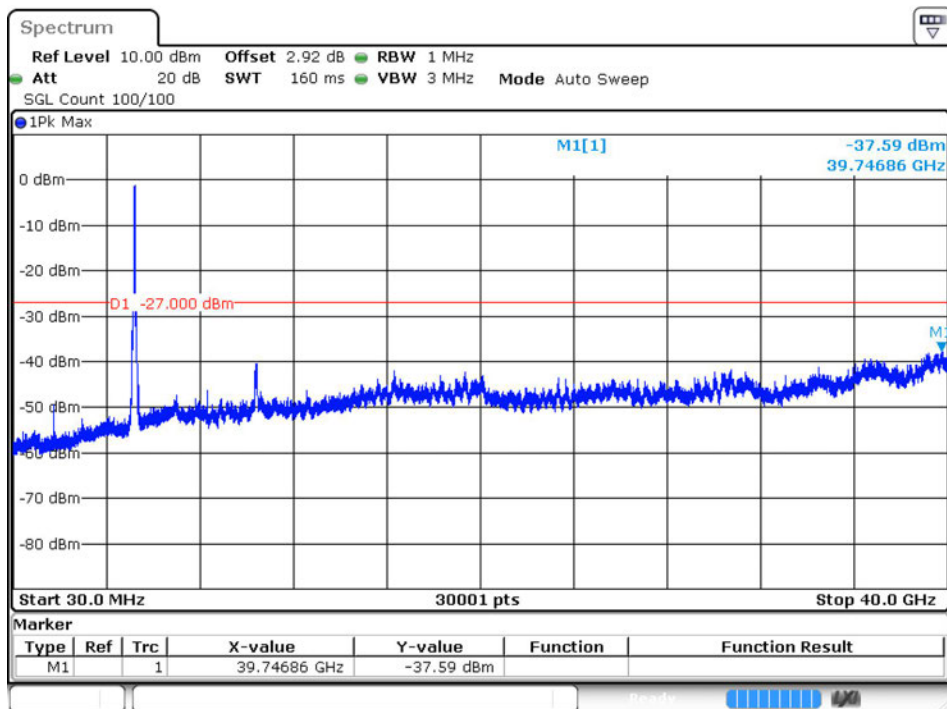




Tx. Spurious NVNT ac40 5230MHz Ant1 Emission



Tx. Spurious NVNT ac80 5210MHz Ant1 Emission





9 Restrict Band

Mode	Frequency (MHz)	Ant.	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
802.11a	5180	Ant1	4500	-45.58	2	51.65	Peak	68.2	Pass
802.11a	5180	Ant1	4500	-56.66	2	40.57	Average	54	Pass
802.11a	5180	Ant1	5148.2	-29.6	2	67.63	Peak	68.2	Pass
802.11a	5180	Ant1	5149.6	-45.88	2	51.35	Average	54	Pass
802.11a	5180	Ant1	5150	-33.91	2	63.32	Peak	68.2	Pass
802.11a	5180	Ant1	5150	-45.52	2	51.71	Average	54	Pass
802.11a	5240	Ant1	5350	-46.91	2	50.32	Peak	68.2	Pass
802.11a	5240	Ant1	5350	-54.97	2	42.26	Average	54	Pass
802.11a	5240	Ant1	5422.8	-42.38	2	54.85	Peak	68.2	Pass
802.11a	5240	Ant1	5449.44	-53.06	2	44.17	Average	54	Pass
802.11a	5240	Ant1	5460	-47.91	2	49.32	Peak	68.2	Pass
802.11a	5240	Ant1	5460	-55.02	2	42.21	Average	54	Pass
802.11n20	5180	Ant1	4500	-46.48	2	50.75	Peak	68.2	Pass
802.11n20	5180	Ant1	4500	-55.91	2	41.32	Average	54	Pass
802.11n20	5180	Ant1	5146.8	-35.39	2	61.84	Peak	68.2	Pass
802.11n20	5180	Ant1	5149.6	-47.18	2	50.05	Average	54	Pass
802.11n20	5180	Ant1	5150	-33.51	2	63.72	Peak	68.2	Pass
802.11n20	5180	Ant1	5150	-46.67	2	50.56	Average	54	Pass
802.11n20	5240	Ant1	5350	-45.15	2	52.08	Peak	68.2	Pass
802.11n20	5240	Ant1	5350	-55.27	2	41.96	Average	54	Pass
802.11n20	5240	Ant1	5457.84	-41.91	2	55.32	Peak	68.2	Pass
802.11n20	5240	Ant1	5446.56	-53.07	2	44.16	Average	54	Pass
802.11n20	5240	Ant1	5460	-46.29	2	50.94	Peak	68.2	Pass
802.11n20	5240	Ant1	5460	-54.88	2	42.35	Average	54	Pass
802.11n40	5190	Ant1	4500	-45.4	2	51.83	Peak	68.2	Pass
802.11n40	5190	Ant1	4500	-56.29	2	40.94	Average	54	Pass
802.11n40	5190	Ant1	5148.97	-31.24	2	65.99	Peak	68.2	Pass
802.11n40	5190	Ant1	5148.97	-46.3	2	50.93	Average	54	Pass
802.11n40	5190	Ant1	5150	-31.53	2	65.7	Peak	68.2	Pass
802.11n40	5190	Ant1	5150	-46.09	2	51.14	Average	54	Pass
802.11n40	5230	Ant1	5350	-46.36	2	50.87	Peak	68.2	Pass
802.11n40	5230	Ant1	5350	-54.68	2	42.55	Average	54	Pass
802.11n40	5230	Ant1	5451.36	-43.39	2	53.84	Peak	68.2	Pass
802.11n40	5230	Ant1	5448.93	-52.82	2	44.41	Average	54	Pass
802.11n40	5230	Ant1	5460	-46.47	2	50.76	Peak	68.2	Pass
802.11n40	5230	Ant1	5460	-54.48	2	42.75	Average	54	Pass
802.11ac20	5180	Ant1	4500	-45.32	2	51.91	Peak	68.2	Pass
802.11ac20	5180	Ant1	4500	-56.69	2	40.54	Average	54	Pass

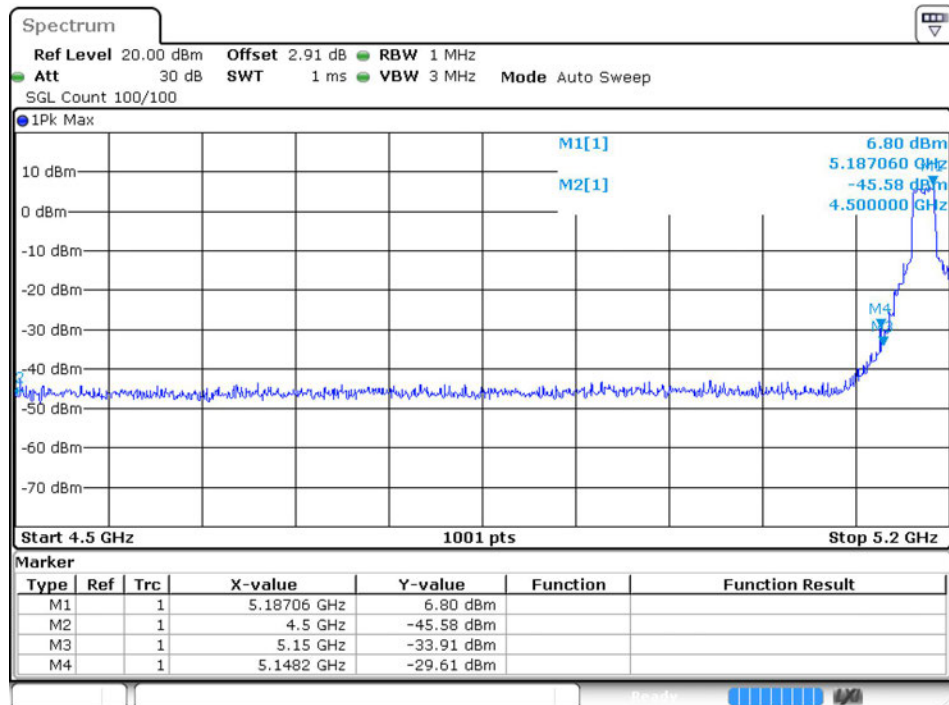


802.11ac20	5180	Ant1	5147.5	-34.43	2	62.8	Peak	68.2	Pass
802.11ac20	5180	Ant1	5149.6	-48.53	2	48.7	Average	54	Pass
802.11ac20	5180	Ant1	5150	-34.07	2	63.16	Peak	68.2	Pass
802.11ac20	5180	Ant1	5150	-48.22	2	49.01	Average	54	Pass
802.11ac20	5240	Ant1	5350	-46.82	2	50.41	Peak	68.2	Pass
802.11ac20	5240	Ant1	5350	-55.42	2	41.81	Average	54	Pass
802.11ac20	5240	Ant1	5423.76	-43.6	2	53.63	Peak	68.2	Pass
802.11ac20	5240	Ant1	5448.24	-53.24	2	43.99	Average	54	Pass
802.11ac20	5240	Ant1	5460	-45.42	2	51.81	Peak	68.2	Pass
802.11ac20	5240	Ant1	5460	-55	2	42.23	Average	54	Pass
802.11ac40	5190	Ant1	4500	-47.29	2	49.94	Peak	68.2	Pass
802.11ac40	5190	Ant1	4500	-56.13	2	41.1	Average	54	Pass
802.11ac40	5190	Ant1	5147.51	-31.49	2	65.74	Peak	68.2	Pass
802.11ac40	5190	Ant1	5149.7	-46.04	2	51.19	Average	54	Pass
802.11ac40	5190	Ant1	5150	-32.98	2	64.25	Peak	68.2	Pass
802.11ac40	5190	Ant1	5150	-46.34	2	50.89	Average	54	Pass
802.11ac40	5230	Ant1	5350	-45.22	2	52.01	Peak	68.2	Pass
802.11ac40	5230	Ant1	5350	-54.94	2	42.29	Average	54	Pass
802.11ac40	5230	Ant1	5440.56	-43.68	2	53.55	Peak	68.2	Pass
802.11ac40	5230	Ant1	5447.85	-52.74	2	44.49	Average	54	Pass
802.11ac40	5230	Ant1	5460	-45.33	2	51.9	Peak	68.2	Pass
802.11ac40	5230	Ant1	5460	-54.17	2	43.06	Average	54	Pass
802.11ac80	5210	Ant1	4500	-47.61	2	49.62	Peak	68.2	Pass
802.11ac80	5210	Ant1	4500	-55.09	2	42.14	Average	54	Pass
802.11ac80	5210	Ant1	5115.41	-30.28	2	66.95	Peak	68.2	Pass
802.11ac80	5210	Ant1	5147.8	-45.79	2	51.44	Average	54	Pass
802.11ac80	5210	Ant1	5150	-35.02	2	62.21	Peak	68.2	Pass
802.11ac80	5210	Ant1	5150	-44.77	2	52.46	Average	54	Pass

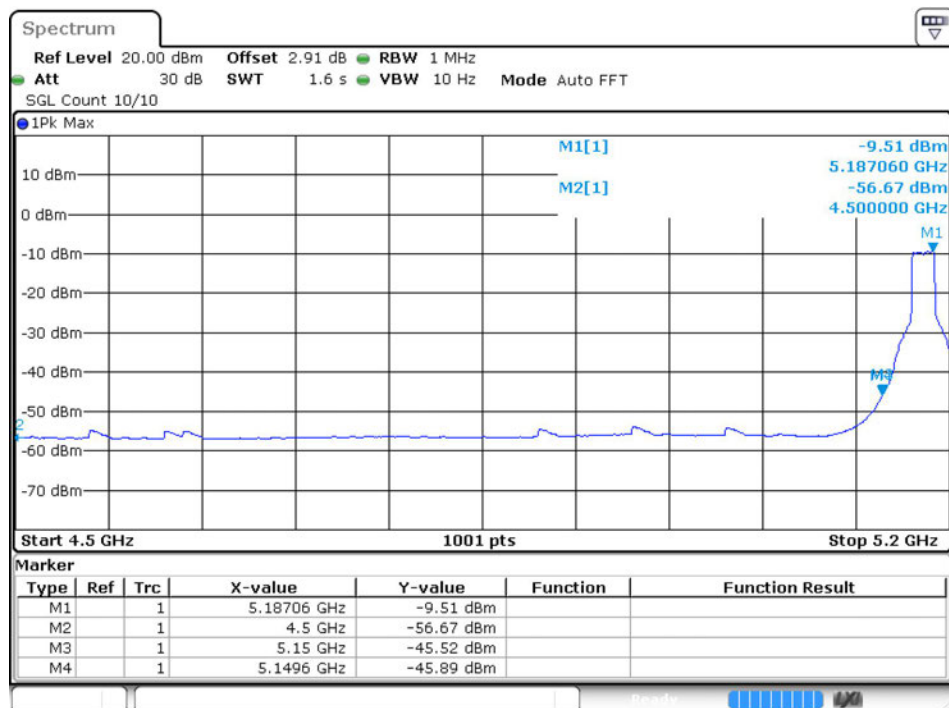


Test Graphs

Restrict Band NVNT a 5180MHz Ant1 Peak

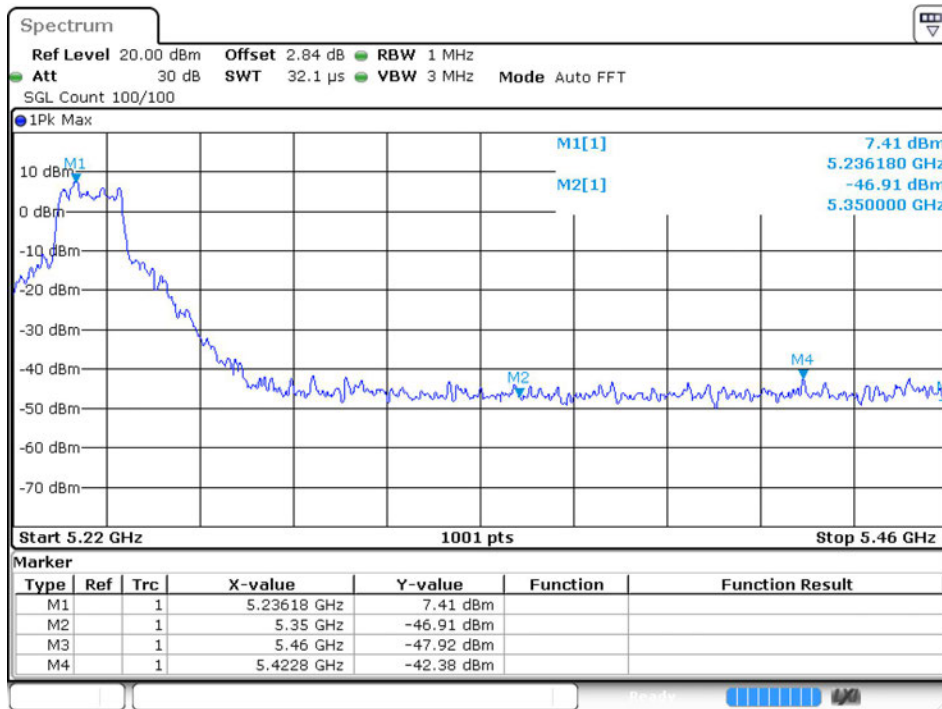


Restrict Band NVNT a 5180MHz Ant1 Average

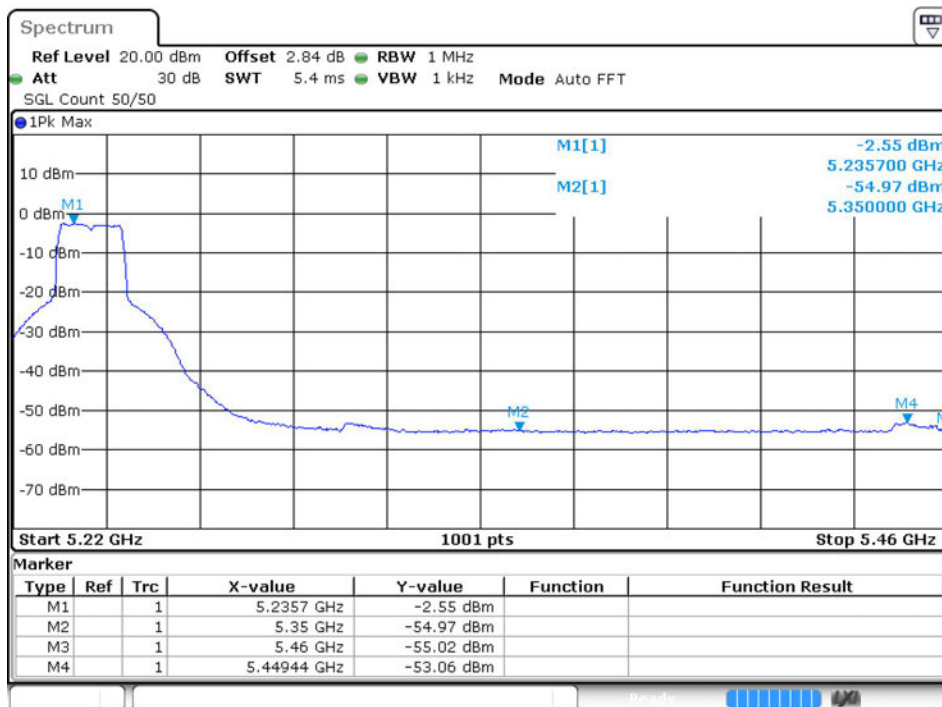


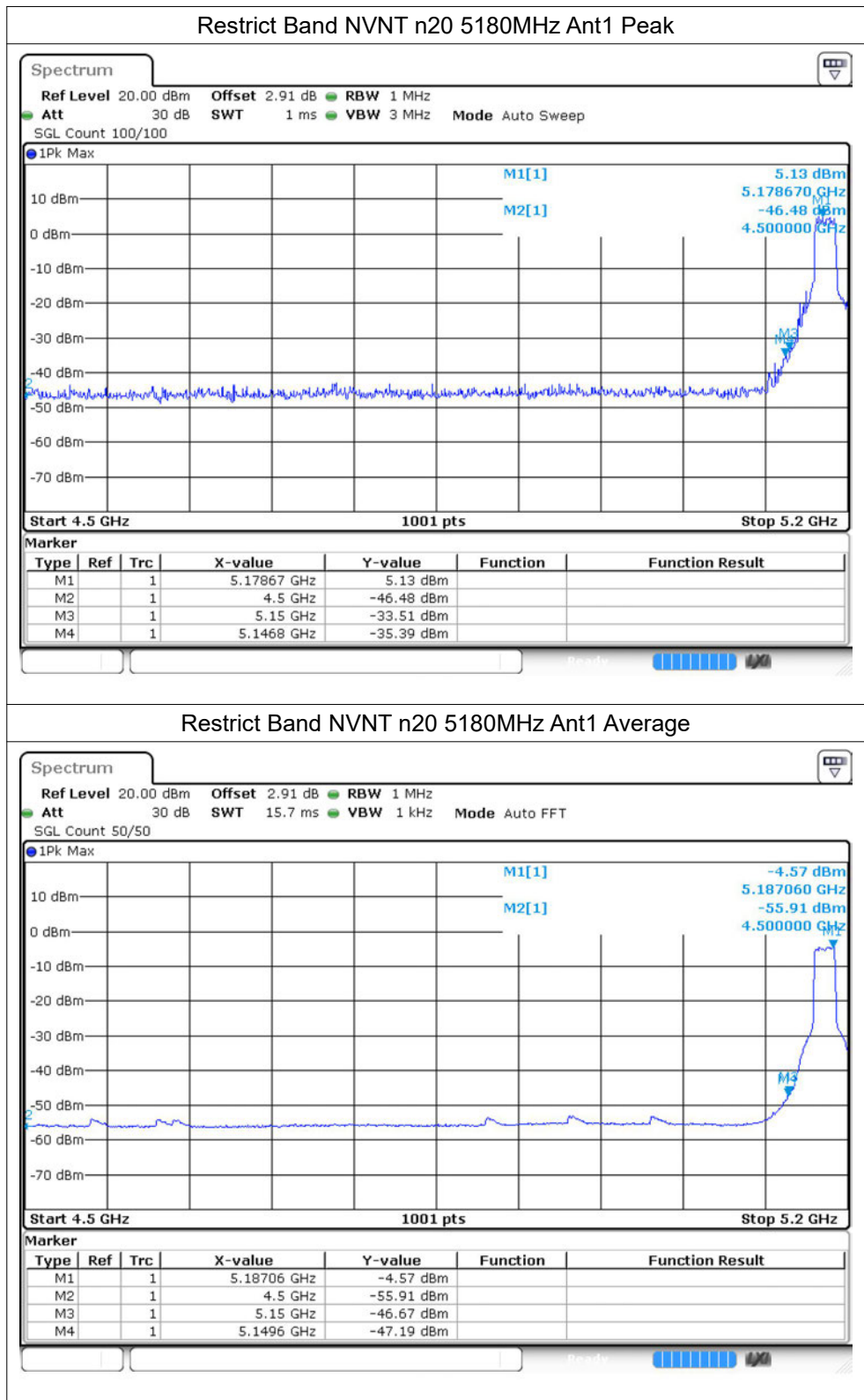


Restrict Band NVNT a 5240MHz Ant1 Peak



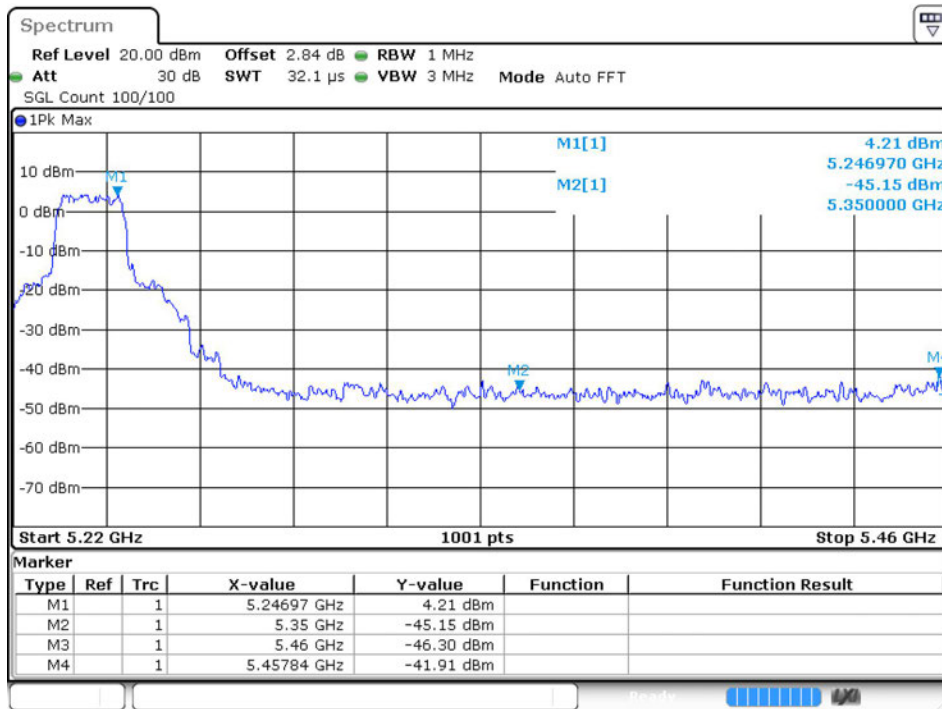
Restrict Band NVNT a 5240MHz Ant1 Average



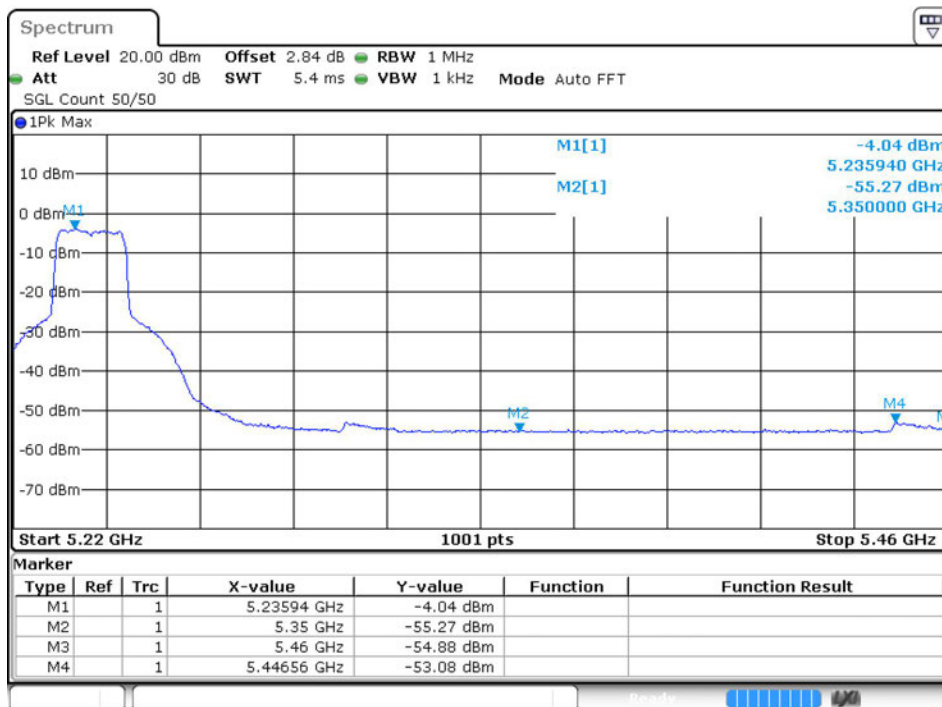




Restrict Band NVNT n20 5240MHz Ant1 Peak

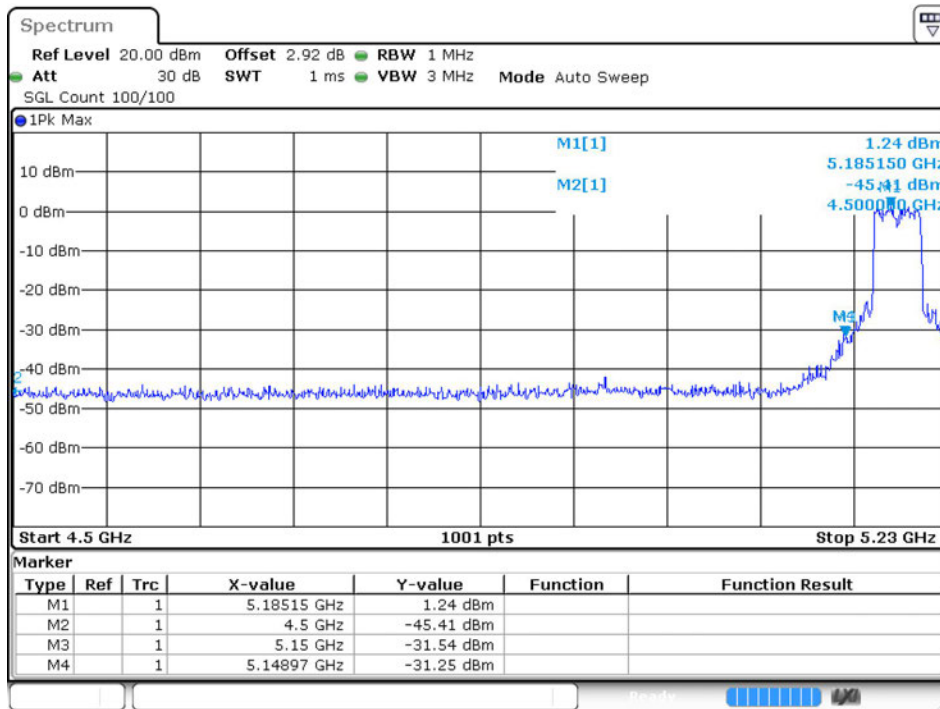


Restrict Band NVNT n20 5240MHz Ant1 Average

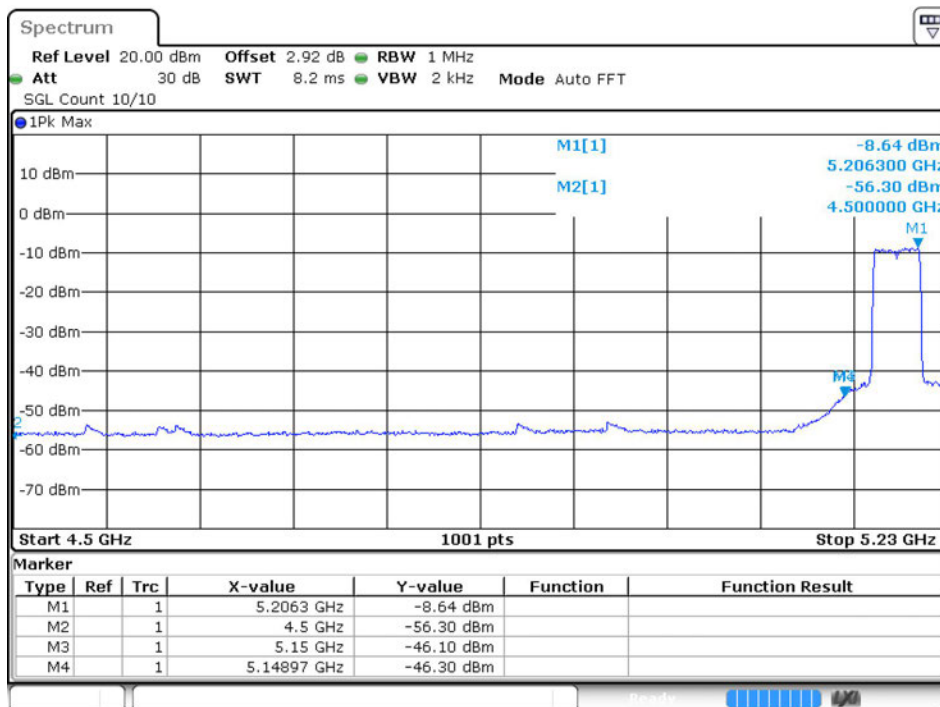




Restrict Band NVNT n40 5190MHz Ant1 Peak

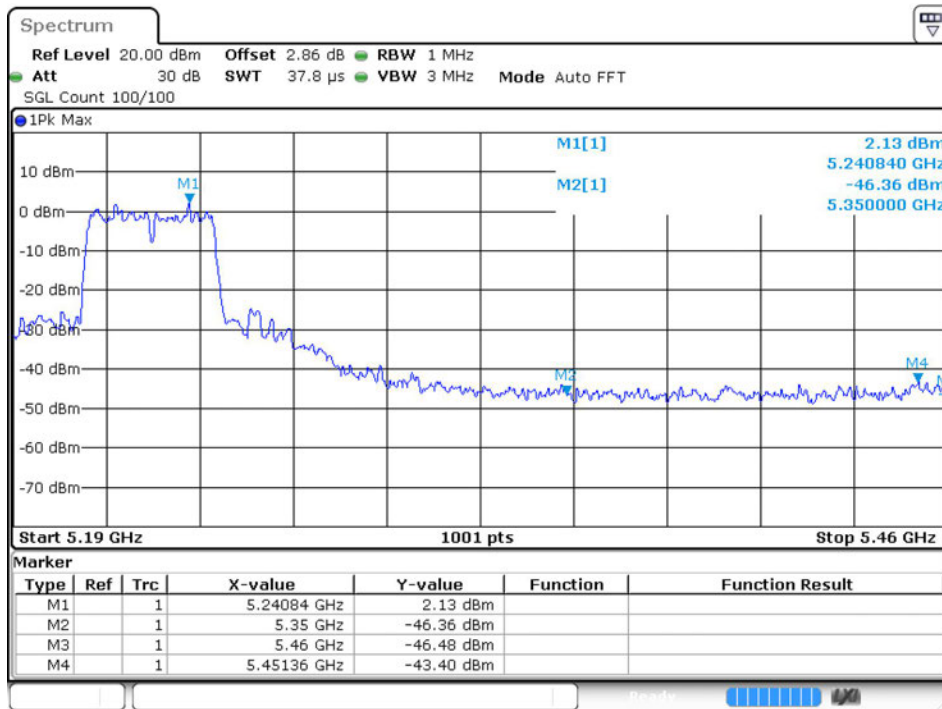


Restrict Band NVNT n40 5190MHz Ant1 Average

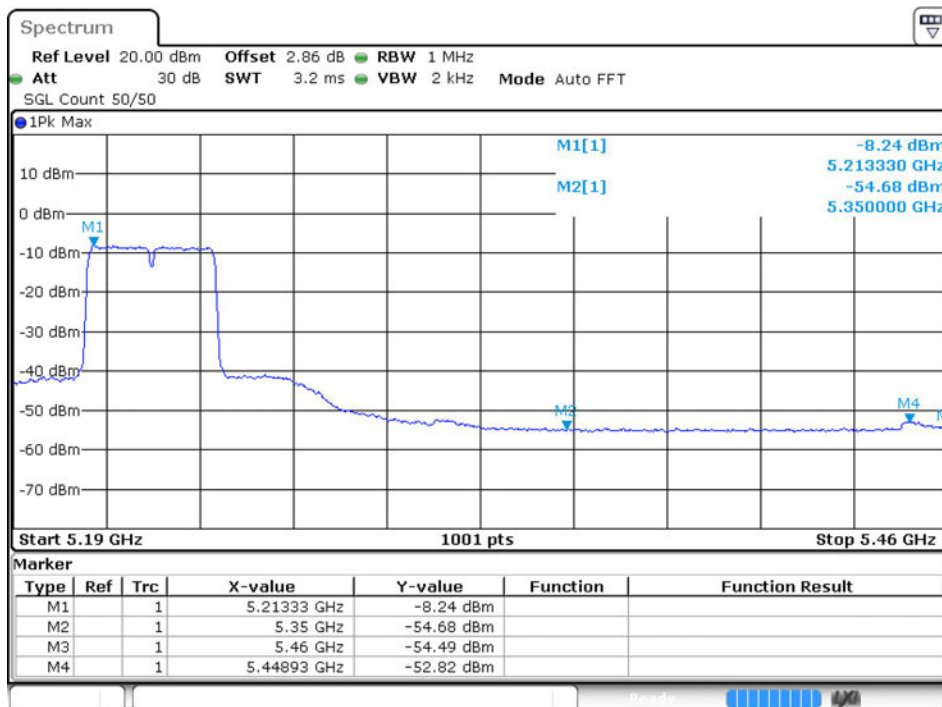




Restrict Band NVNT n40 5230MHz Ant1 Peak

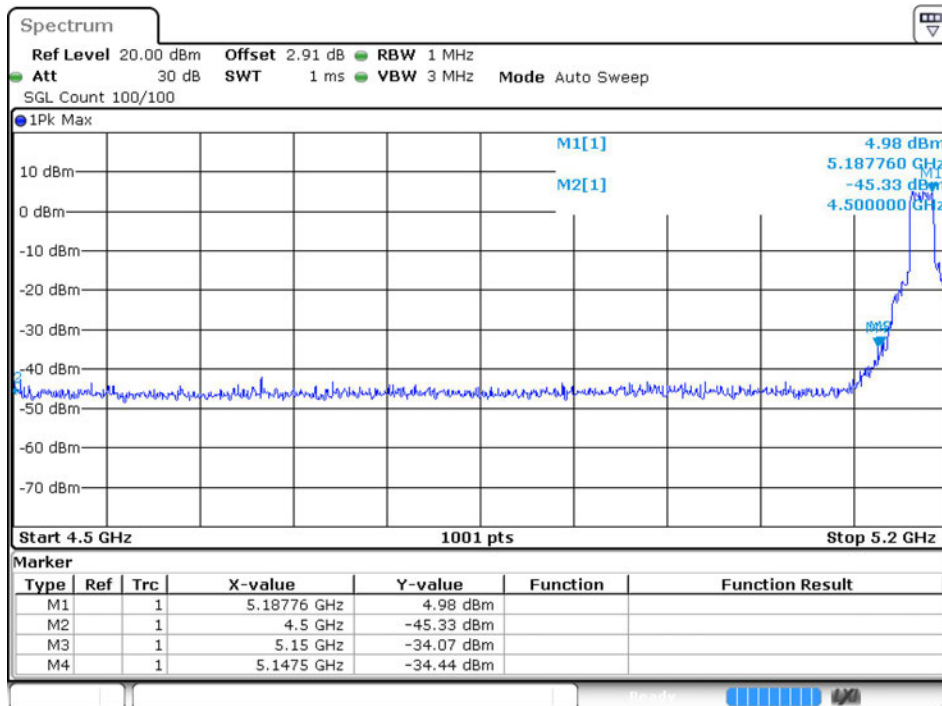


Restrict Band NVNT n40 5230MHz Ant1 Average

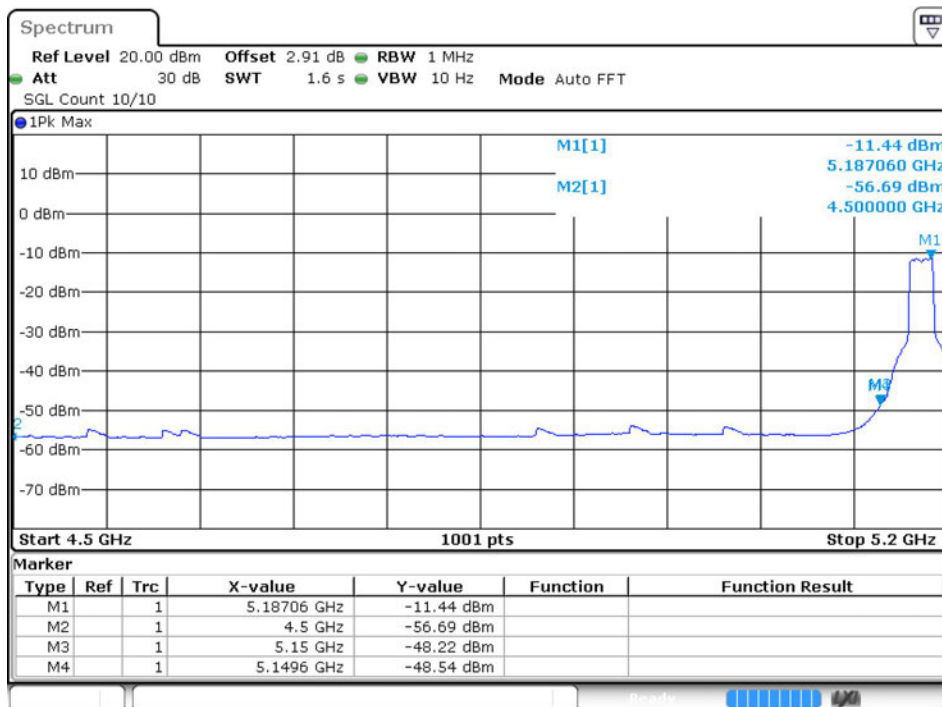




Restrict Band NVNT ac20 5180MHz Ant1 Peak



Restrict Band NVNT ac20 5180MHz Ant1 Average

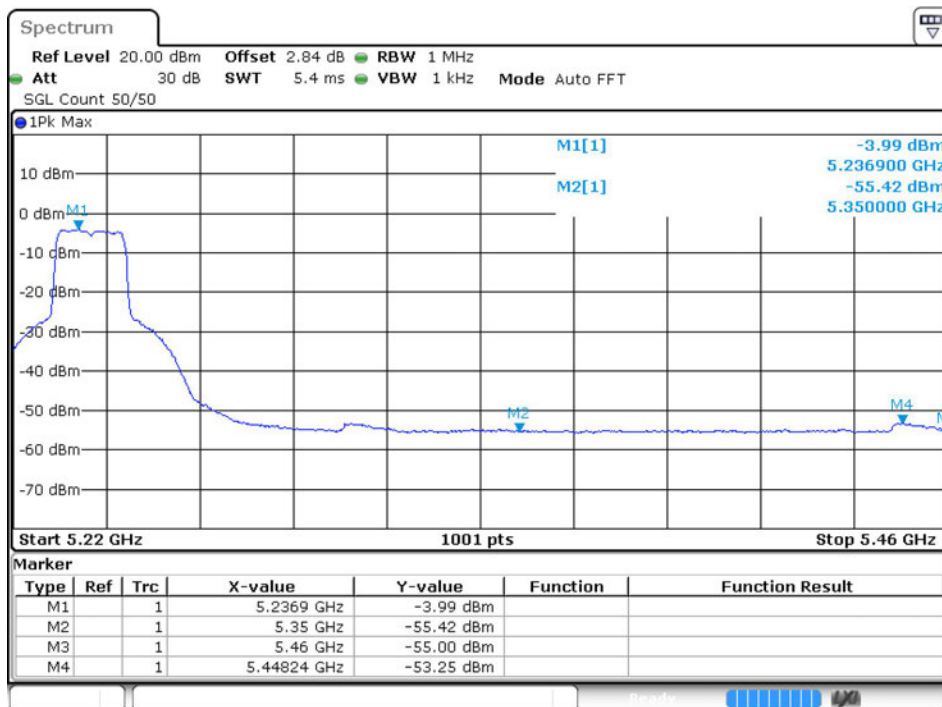




Restrict Band NVNT ac20 5240MHz Ant1 Peak

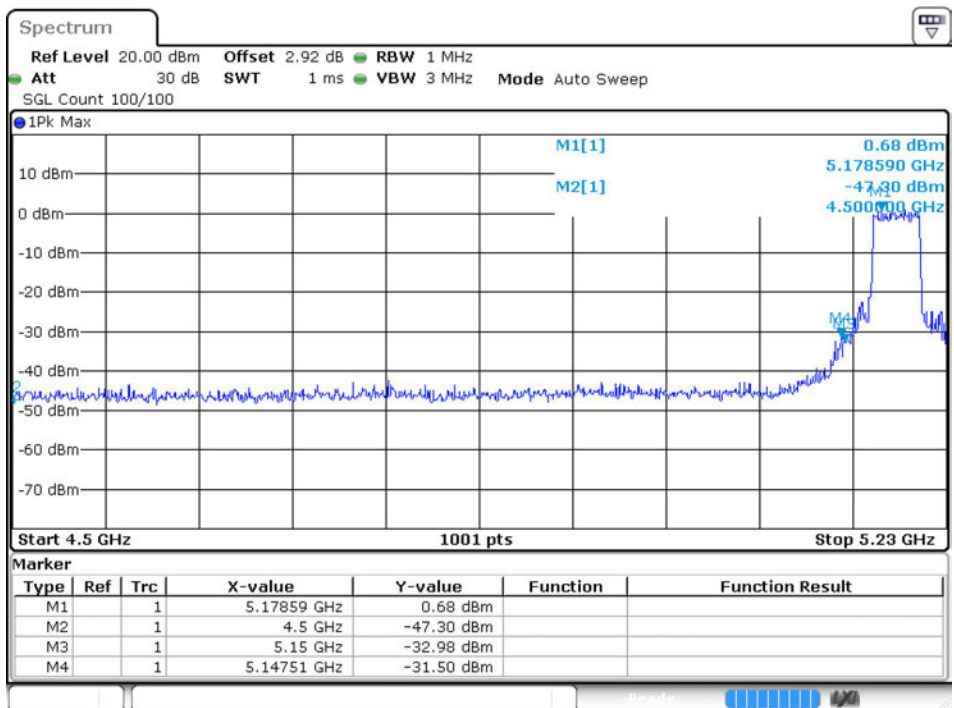


Restrict Band NVNT ac20 5240MHz Ant1 Average

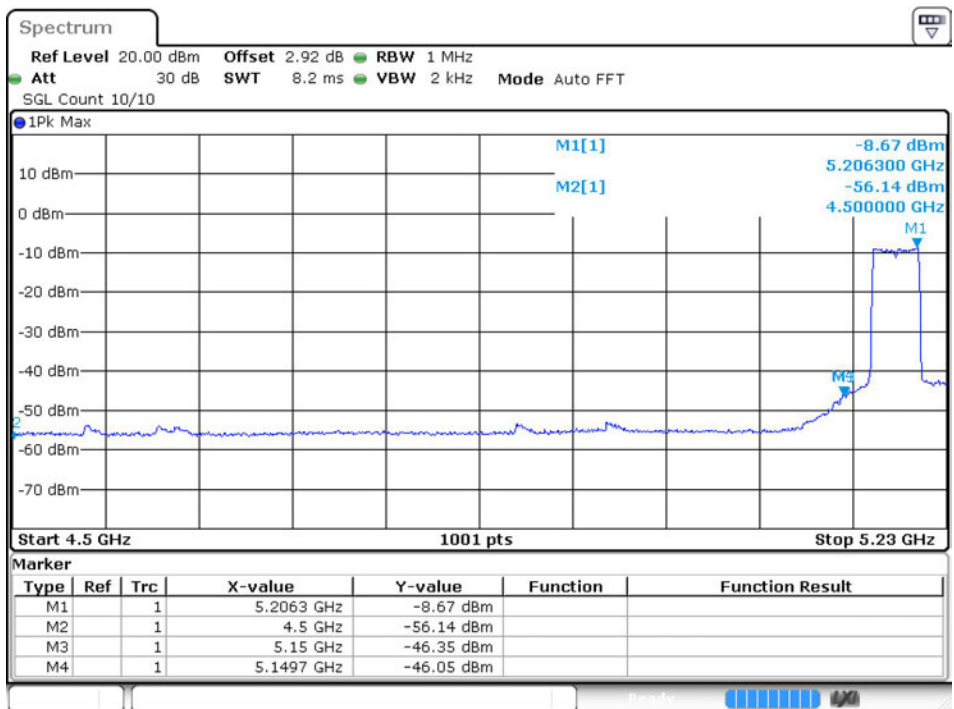




Restrict Band NVNT ac40 5190MHz Ant1 Peak

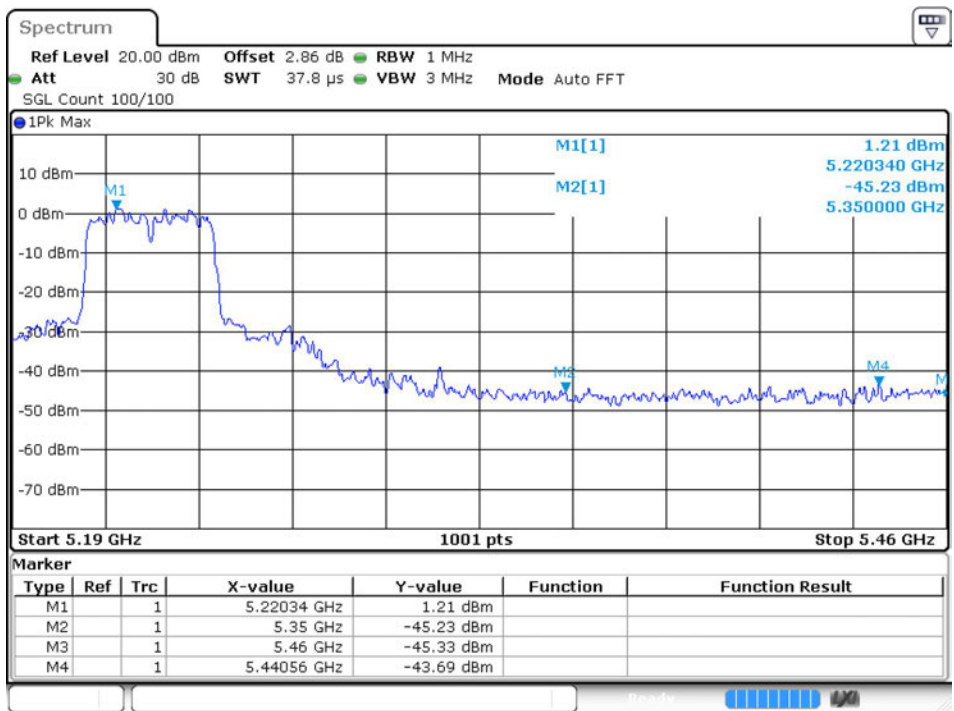


Restrict Band NVNT ac40 5190MHz Ant1 Average

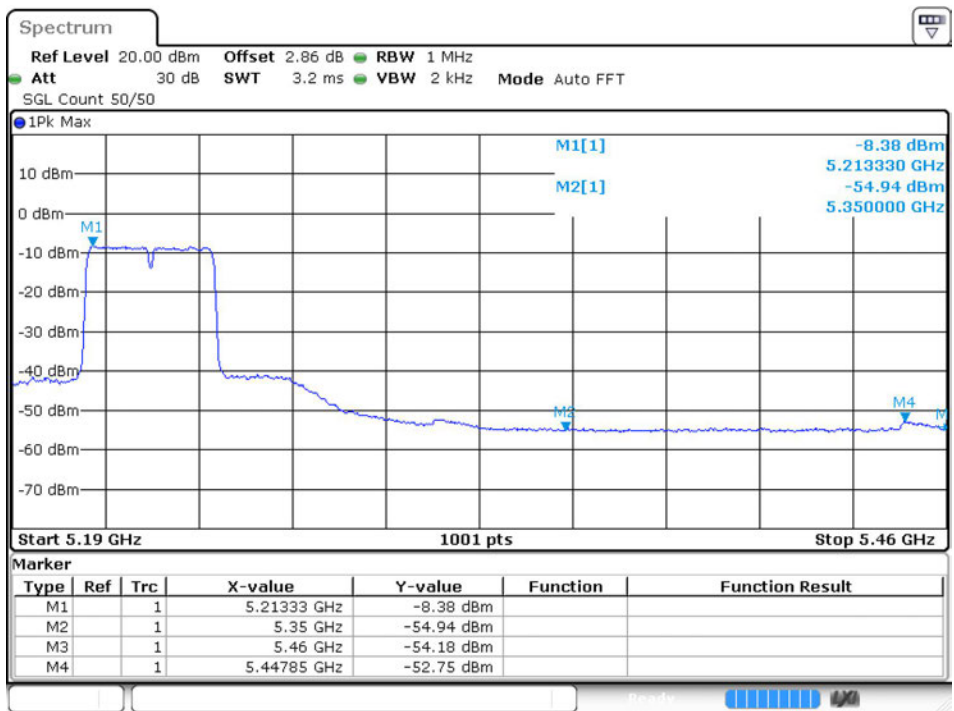


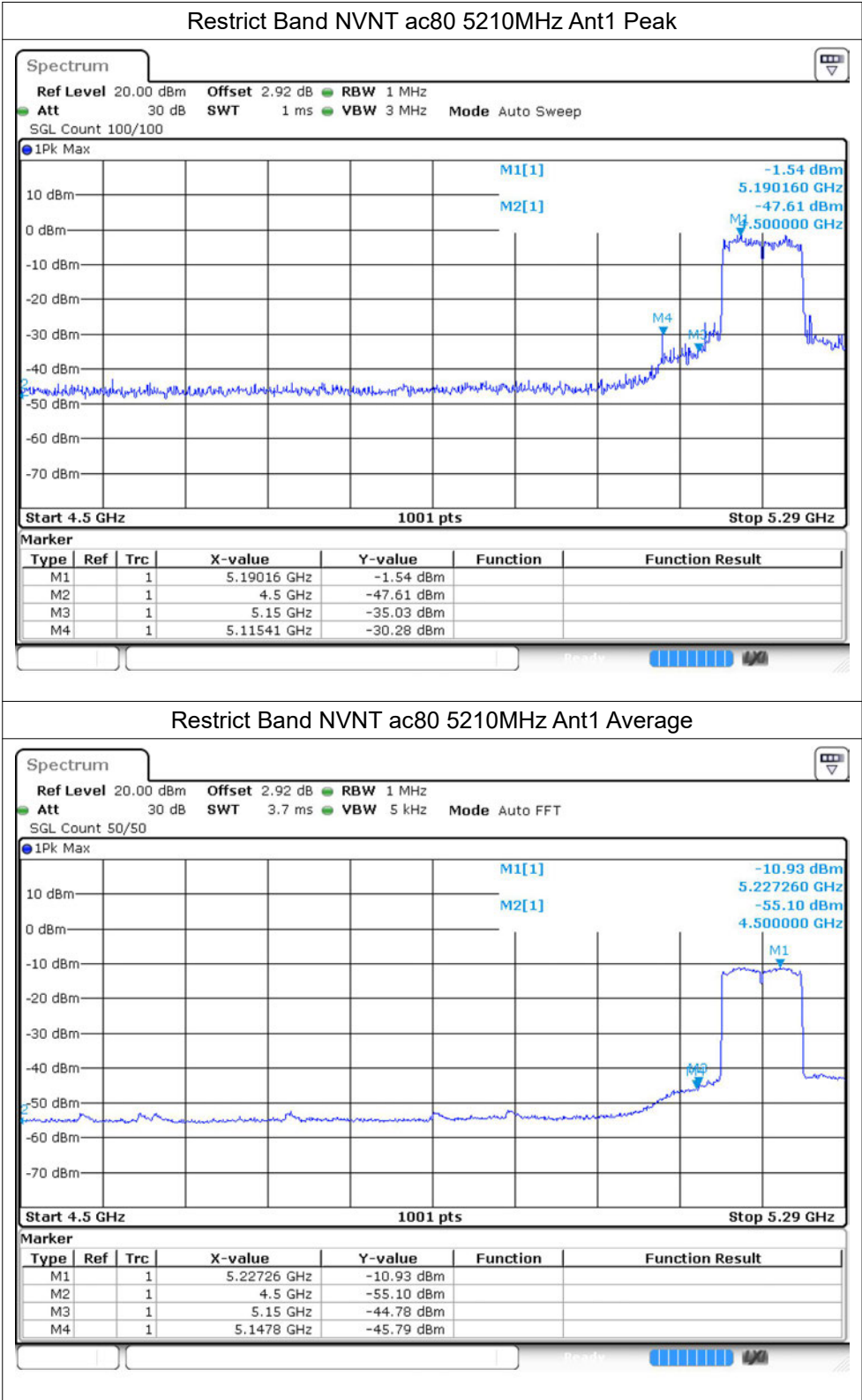


Restrict Band NVNT ac40 5230MHz Ant1 Peak



Restrict Band NVNT ac40 5230MHz Ant1 Average





----End Of The Report----