Appendix A2: Transmitter Output Power

1 Result Table

1.1 Channel Power, Total

NOTE 1: If applicable, the EIPR [W] = 10 ^ ((Channel Power [dBm] + Antenna Gain [dBi]) / 10 - 3), and the ERP [W] = EIRP [W] / 1.64.

NOTE 2: When the EUT is put into service, the practical maximum antenna gain may exceed the value as described below, and if exceed, the combination of the practical output power and the practical antenna gain should NOT exceed the required ERP/EIRP limit.

EUT Conf.	Channel Power [dBm]	Offset from Rated [dB]	Antenna Gain [dBi]	EIPR [W]	ERP [W]	Verdict
1U_B	49.13	0.10	---	---	---	---
1U_M	48.95	-0.08	---	---	---	---
1U_T	49.04	0.01	---	---	---	---
2U_B	48.99	-0.04	---	---	---	---
2U_T	49.11	0.07	---	---	---	---
3U_B	48.70	-0.05	---	---	---	---
3U_T	48.68	-0.07	---	---	---	---
4U_B	49.08	0.05	---	---	---	---
4U_T	49.07	0.04	---	---	---	---
1G_GMSK_B	49.05	0.02	10	803.53	489.95	Pass
1G_GMSK_M	49.02	-0.01	10	797.99	486.58	Pass
1G_GMSK_T	49.34	0.31	10	859.01	523.79	Pass
2G_GMSK_B	49.07	0.04	---	---	---	---
2G_GMSK_T	49.31	0.28	---	---	---	---
3G_GMSK_B	49.15	0.06	---	---	---	---
3G_GMSK_T	49.33	0.24	---	---	---	---
4G_GMSK_B	49.08	0.05	---	---	---	---
4G_GMSK_T	49.22	0.19	---	---	---	---
5G_GMSK_B	48.95	-0.08	---	---	---	---
5G_GMSK_T	49.05	0.01	---	---	---	---
6G_GMSK_B	48.62	0.05	---	---	---	---
6G_GMSK_T	48.68	0.11	---	---	---	---
1G_8PSK_B	49.12	0.09	10	816.58	497.92	Pass
1G_8PSK_M	48.98	-0.05	10	790.68	482.12	Pass
1G_8PSK_T	49.33	0.30	10	857.04	522.58	Pass
2G_8PSK_B	49.02	-0.01	---	---	---	---
2G_8PSK_T	49.35	0.32	---	---	---	---
3G_8PSK_B	49.19	0.10	---	---	---	---
3G_8PSK_T	49.26	0.18	---	---	---	---
4G_8PSK_B	47.84	0.02	---	---	---	---

EUT Conf.	Channel Power [dBm]	Offset from Rated [dB]	Antenna Gain [dBi]	EIPR [W]	ERP [W]	Verdict
4G_8PSK_T	47.90	0.08	---	---	---	---
5G_8PSK_B	47.25	0.06	---	---	---	---
5G_8PSK_T	47.29	0.10	---	---	---	---
6G_8PSK_B	47.19	0.51	---	---	---	---
6G_8PSK_T	47.24	0.56	---	---	---	---
1G1U_B	48.69	-0.34	---	---	---	---
1G1U_T	49.01	-0.02	---	---	---	---
1G2U_B	48.91	-0.12	---	---	---	---
1G2U_T	48.83	-0.21	---	---	---	---
2G1U_B	49.10	0.07	---	---	---	---
2G1U_T	49.06	0.03	---	---	---	---
2G2U_B	49.07	0.04	---	---	---	---
2G2U_T	48.99	-0.04	---	---	---	---
3G1U_B	49.03	0.00	---	---	---	---
3G1U_T	49.17	0.14	---	---	---	---
3G2U_B	48.95	-0.03	---	---	---	---
3G2U_T	49.05	0.07	---	---	---	---
4G1U_B	48.33	0.00	---	---	---	---
4G1U_T	48.32	-0.01	---	---	---	---
1L_1M4_B	47.81	0.03	---	---	---	---
1L_1M4_M	47.81	0.03	---	---	---	---
1L_1M4_T	47.88	0.10	---	---	---	---
1L_3M_B	47.92	0.14	---	---	---	---
1L_3M_M	47.85	0.07	---	---	---	---
1L_3M_T	47.81	0.03	---	---	---	---
1L_5M_B	48.07	0.29	---	---	---	---
1L_5M_M	47.76	-0.02	---	---	---	---
1L_5M_T	47.74	-0.04	---	---	---	---
1L_10M_B	48.00	0.22	---	---	---	---
1L_10M_M	47.85	0.07	---	---	---	---
1L_10M_T	47.83	0.05	---	---	---	---
1L_15M_B	47.95	0.17	---	---	---	---
1L_15M_M	47.89	0.11	---	---	---	---
1L_15M_T	47.84	0.06	---	---	---	---
1L_20M_B	47.86	0.08	---	---	---	---
1L_20M_M	47.81	0.03	---	---	---	---
1L_20M_T	47.80	0.02	---	---	---	---
2L_1M4_B	48.91	-0.12	---	---	---	---
2L_1M4_T	49.03	0.00	---	---	---	---
2L_20M_B	48.88	-0.16	---	---	---	---
2L_20M_T	48.85	-0.18	---	---	---	---

EUT Conf.	Channel Power [dBm]	Offset from Rated [dB]	Antenna Gain [dBi]	EIPR [W]	ERP [W]	Verdict
2L_5M_20M_B	48.84	-0.19	---	---	---	---
2L_5M_20M_T	48.98	-0.05	---	---	---	---
1G1L_1M4_B	48.80	-0.23	---	---	---	---
1G1L_1M4_T	49.13	0.10	---	---	---	---
1G1L_20M_B	48.77	-0.26	---	---	---	---
1G1L_20M_T	48.88	-0.15	---	---	---	---
2G1L_1M4_B	49.06	0.03	---	---	---	---
2G1L_1M4_T	49.19	0.16	---	---	---	---
2G1L_20M_B	49.00	-0.03	---	---	---	---
2G1L_20M_T	48.95	-0.09	---	---	---	---
3G1L_1M4_B	48.97	-0.06	---	---	---	---
3G1L_1M4_T	49.05	0.02	---	---	---	---
3G1L_20M_B	48.89	-0.14	---	---	---	---
3G1L_20M_T	49.08	0.05	---	---	---	---
4G1L_1M4_B	48.26	-0.06	---	---	---	---
4G1L_1M4_T	48.38	0.05	---	---	---	---
4G1L_20M_B	48.34	0.01	---	---	---	---
4G1L_20M_T	48.24	-0.08	---	---	---	---
2G2L_5M_B	47.71	-0.07	---	---	---	---
2G2L_5M_T	47.64	-0.14	---	---	---	---
2G2L_10M_B	47.82	0.03	---	---	---	---
2G2L_10M_T	47.75	-0.03	---	---	---	---
1U1L_1M4_B	49.09	0.06	---	---	---	---
1U1L_1M4_T	49.27	0.24	---	---	---	---
1U1L_20M_B	48.92	-0.11	---	---	---	---
1U1L_20M_T	48.89	-0.14	---	---	---	---
2U1L_1M4_B	49.02	-0.01	---	---	---	---
2U1L_1M4_T	49.13	0.10	---	---	---	---
2U1L_20M_B	49.05	0.02	---	---	---	---
2U1L_20M_T	49.06	0.03	---	---	---	---
3U1L_1M4_B	49.11	0.08	---	---	---	---
3U1L_1M4_T	49.13	0.10	---	---	---	---
3U1L_20M_B	49.03	0.00	---	---	---	---
3U1L_20M_T	49.02	-0.01	---	---	---	---

1.2 Power Spectral Density

NOTE 1: If applicable, the EIPR [W/MHz] = 10 ^ ((Power Spectral Density [dBm/MHz] + Antenna Gain [dBi]) / 10 - 3), and the ERP [W/MHz] = EIRP [W/MHz] / 1.64.

NOTE 2: When the EUT is put into service, the practical maximum antenna gain may exceed the value as described below, and if exceed, the combination of the practical output power and the practical antenna gain should NOT exceed the required EIPR limit.

EUT Conf.	Power Spectral Density [dBm/MHz]	Antenna Gain [dBi]	EIPR [W/MHz]	Verdict
1U_B	43.51	10	224.39	Pass
1U_M	43.38	10	217.77	Pass
1U_T	43.49	10	223.36	Pass
1L_1M4_B	46.69	10	466.66	Pass
1L_1M4_M	46.7	10	467.74	Pass
1L_1M4_T	46.77	10	475.34	Pass

1.3 Peak-to-Average Ratio

EUT Conf.	Peak-to-Average Ratio [dB]	Verdict
1U_B	7.14	Pass
1U_M	7.17	Pass
1U_T	7.25	Pass
1G_GMSK_B	0.24	Pass
1G_GMSK_M	0.29	Pass
1G_GMSK_T	0.24	Pass
1G_8PSK_B	3.14	Pass
1G_8PSK_M	3.14	Pass
1G_8PSK_T	3.06	Pass
1L_1M4_B	7.16	Pass
1L_1M4_M	7	Pass
1L_1M4_T	6.99	Pass

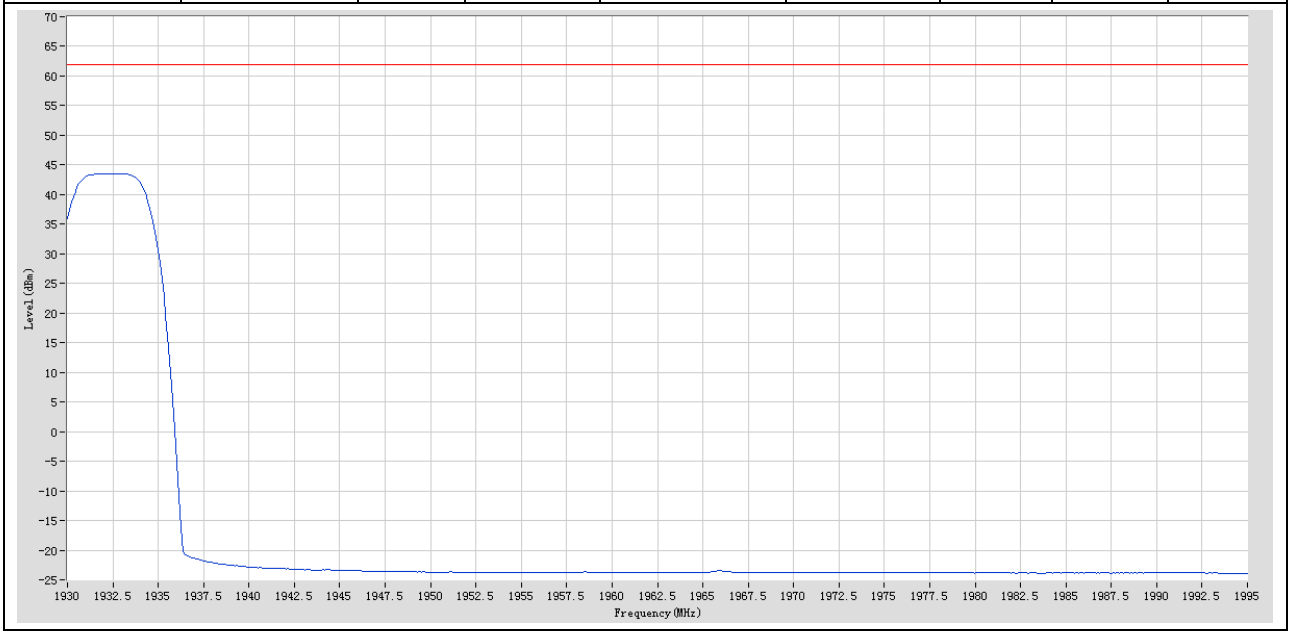
2 Test Plot

NOTE: Only the test plots for the measurements of Spectral Density and Peak-to-Average Ratio are supplied.

2.1 Power Spectral Density

2.1.1 1U_B

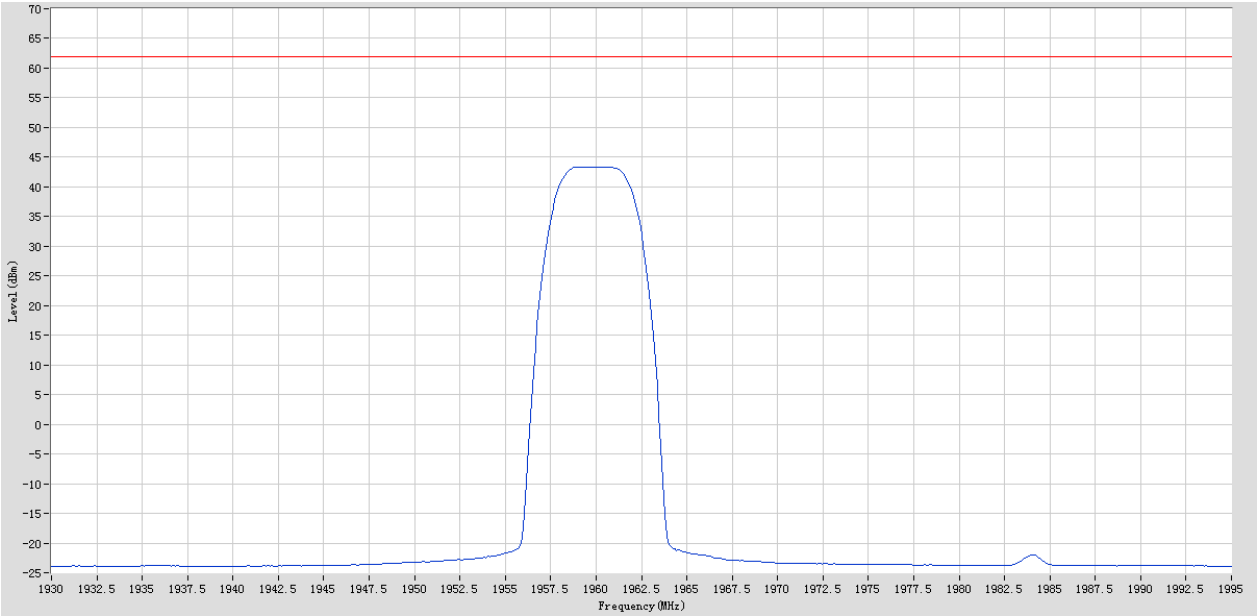
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1995	1	RMS	1932.166667 M	43.51	62	Pass	601



2.1.2 1U_M

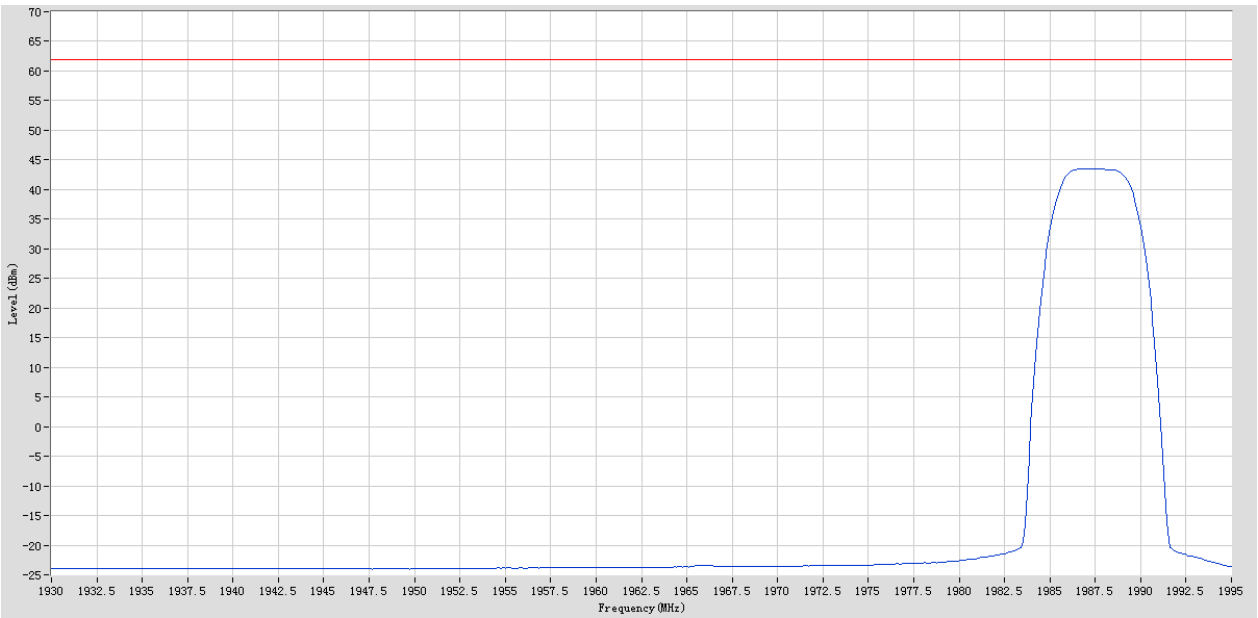
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1995	1	RMS	1959.358333 M	43.38	62	Pass	601

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



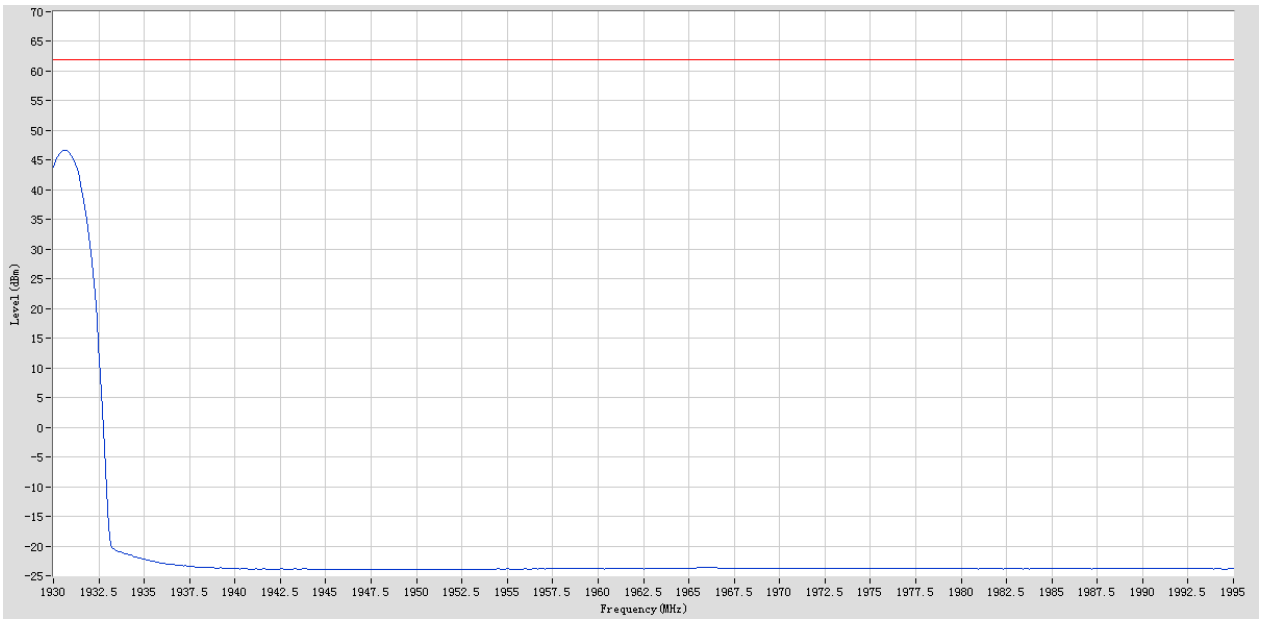
2.1.3 1U_T

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1995	1	RMS	1987.2 M	43.49	62	Pass	601



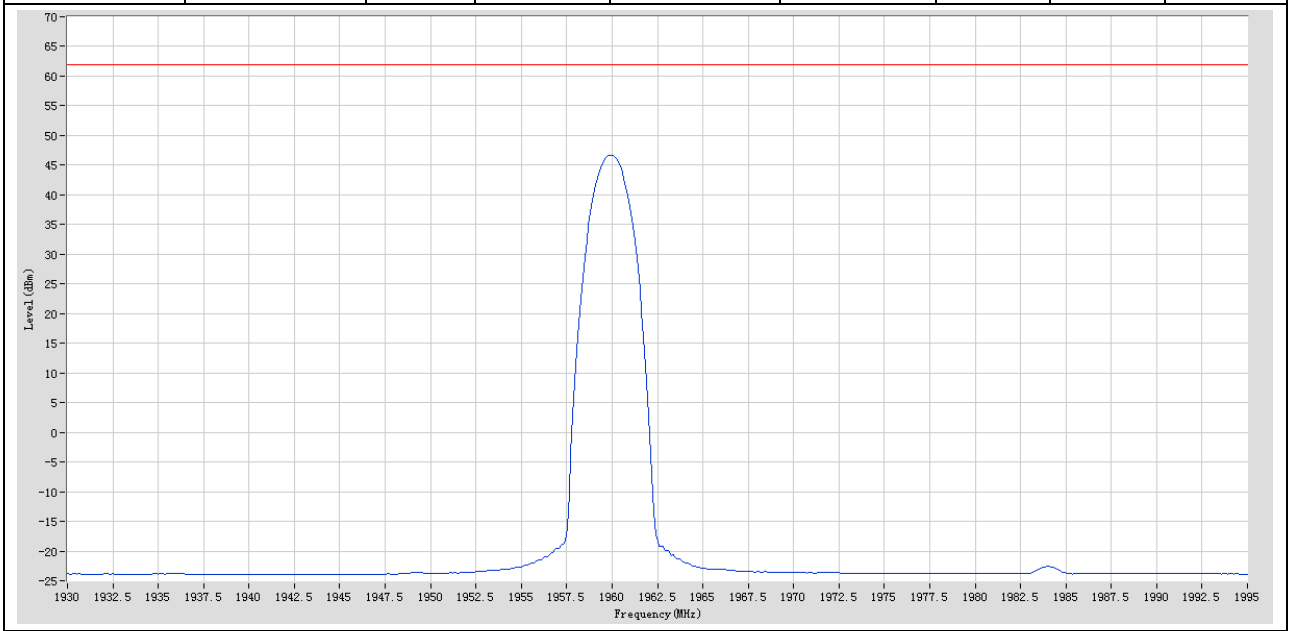
2.1.4 1L_1M4_B

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1995	1	RMS	1930.65 M	46.69	62	Pass	601



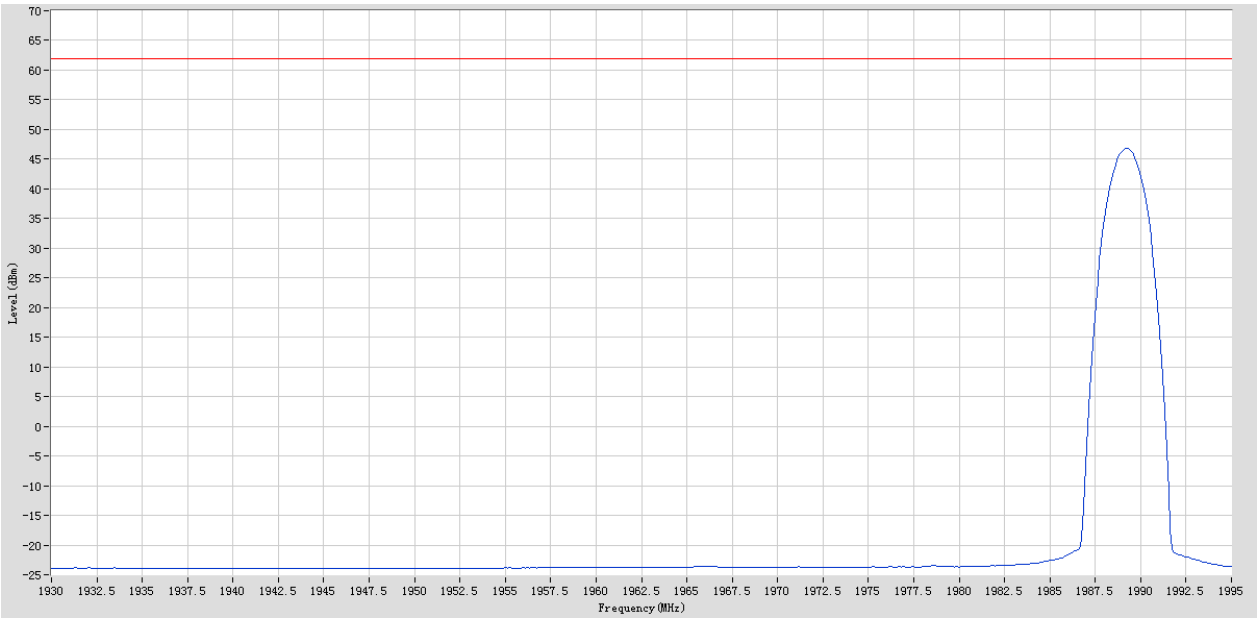
2.1.5 1L_1M4_M

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1995	1	RMS	1959.9 M	46.7	62	Pass	601



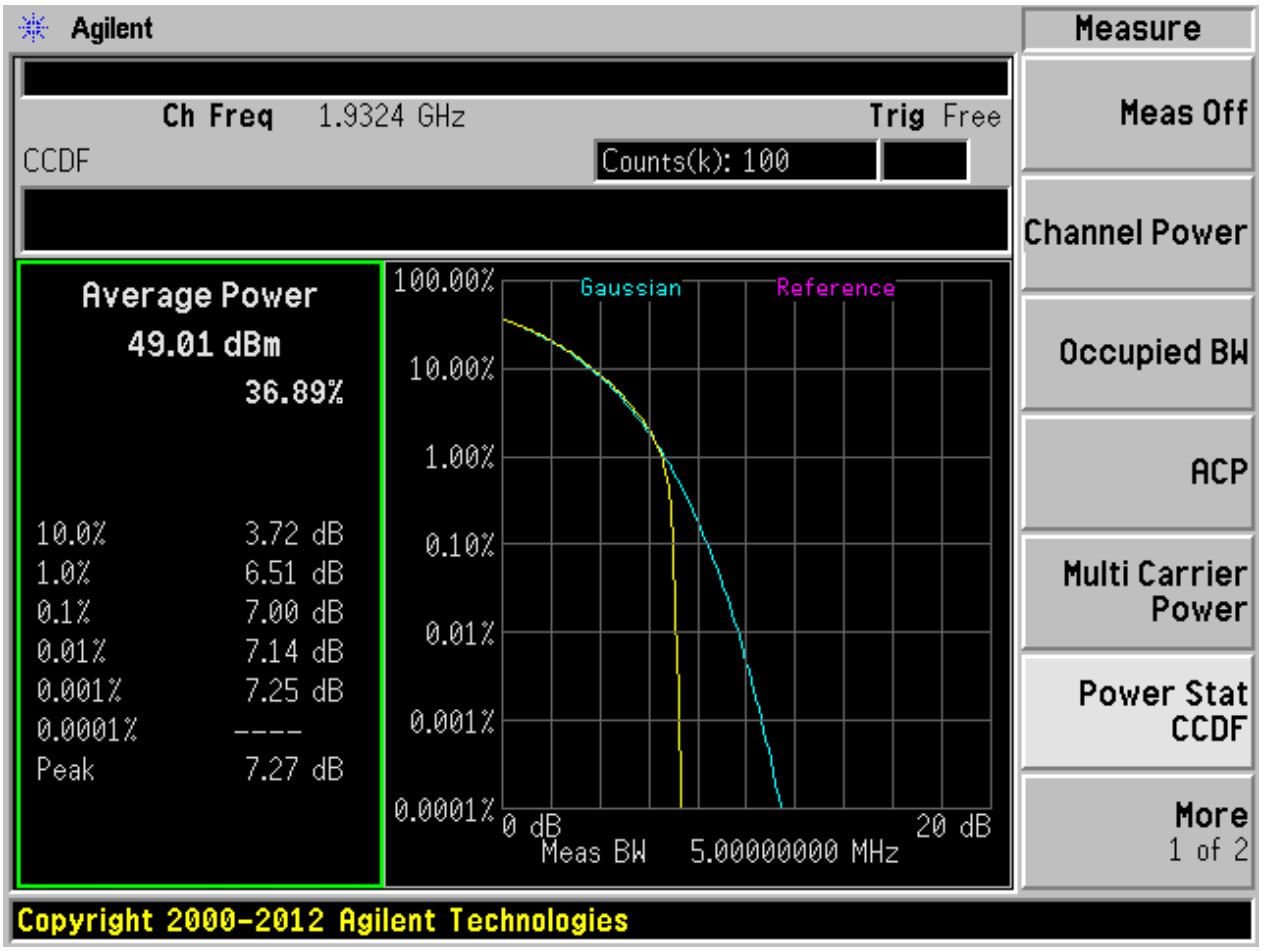
2.1.6 1L_1M4_T

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1995	1	RMS	1989.258333 M	46.77	62	Pass	601

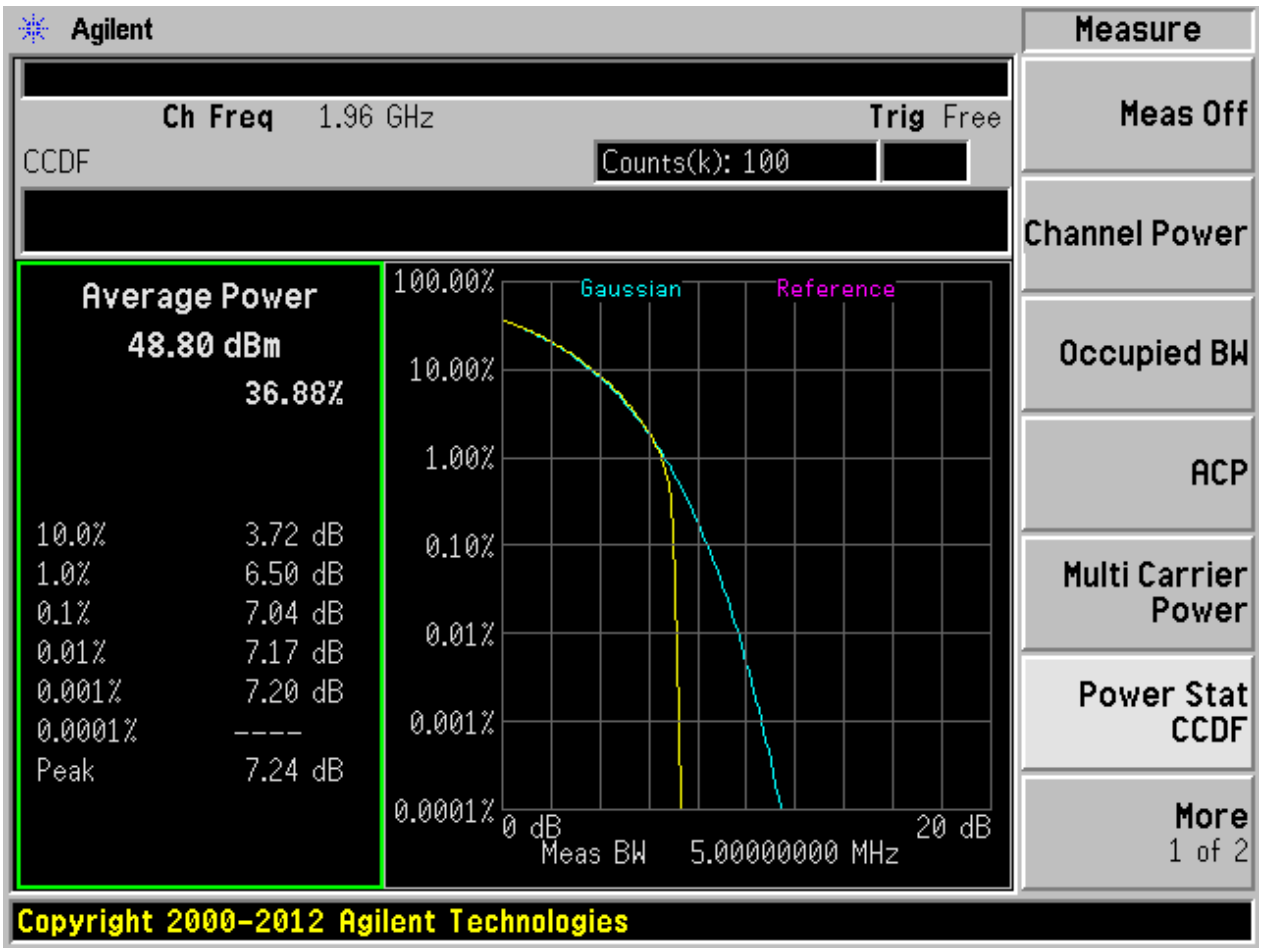


2.2 Peak-to-Average Ratio

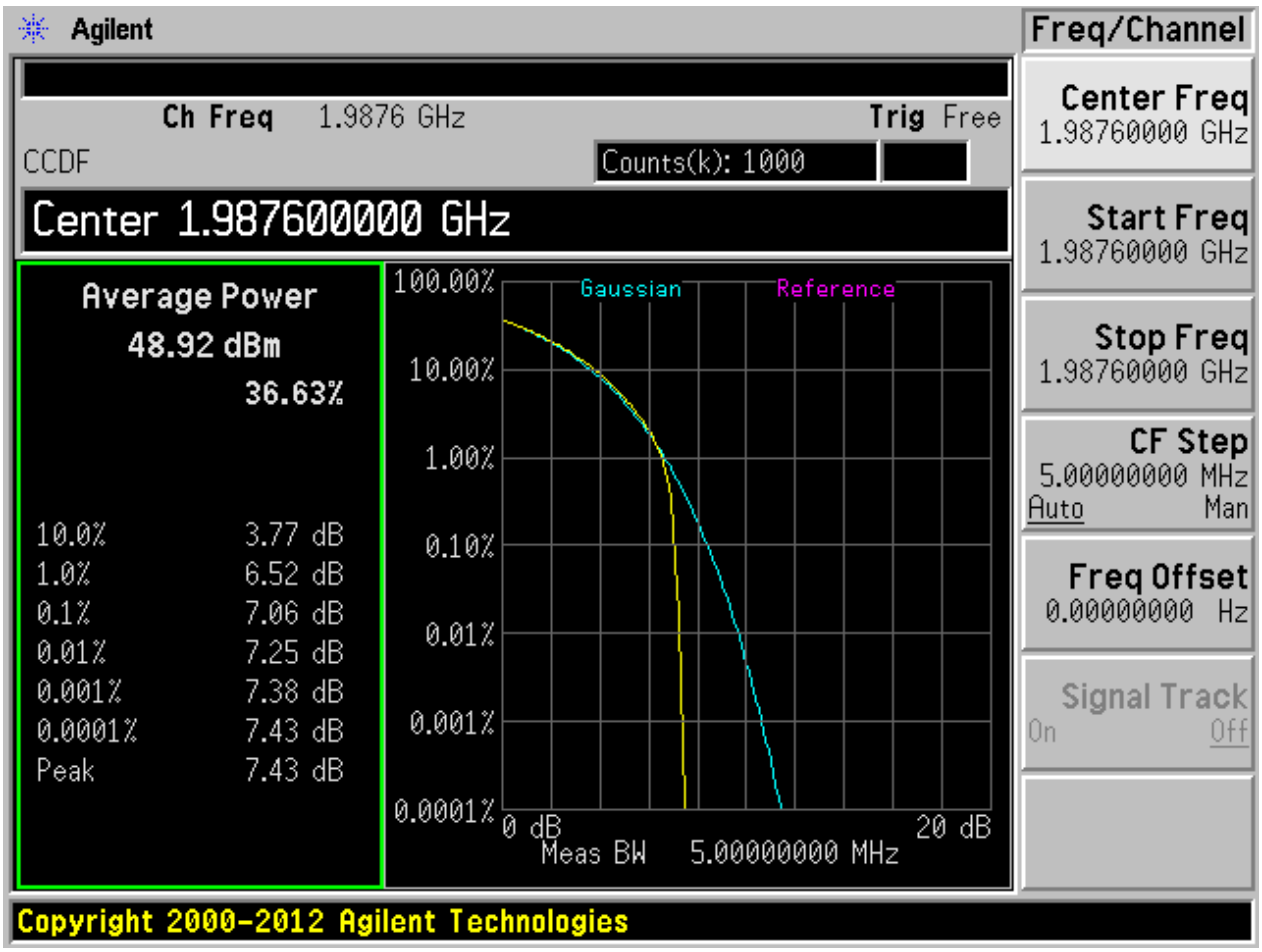
2.2.1 1U_B



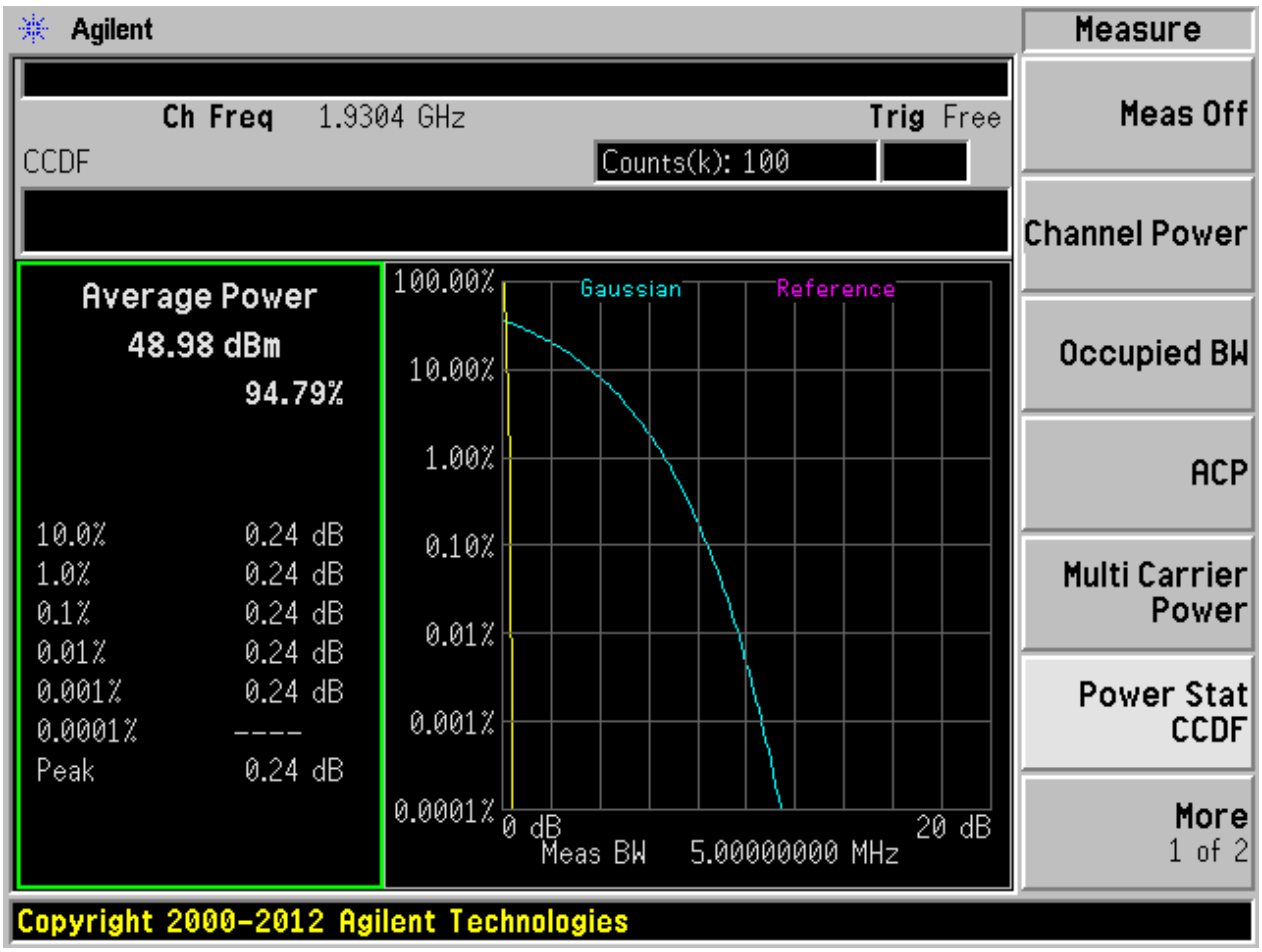
2.2.2 1U_M



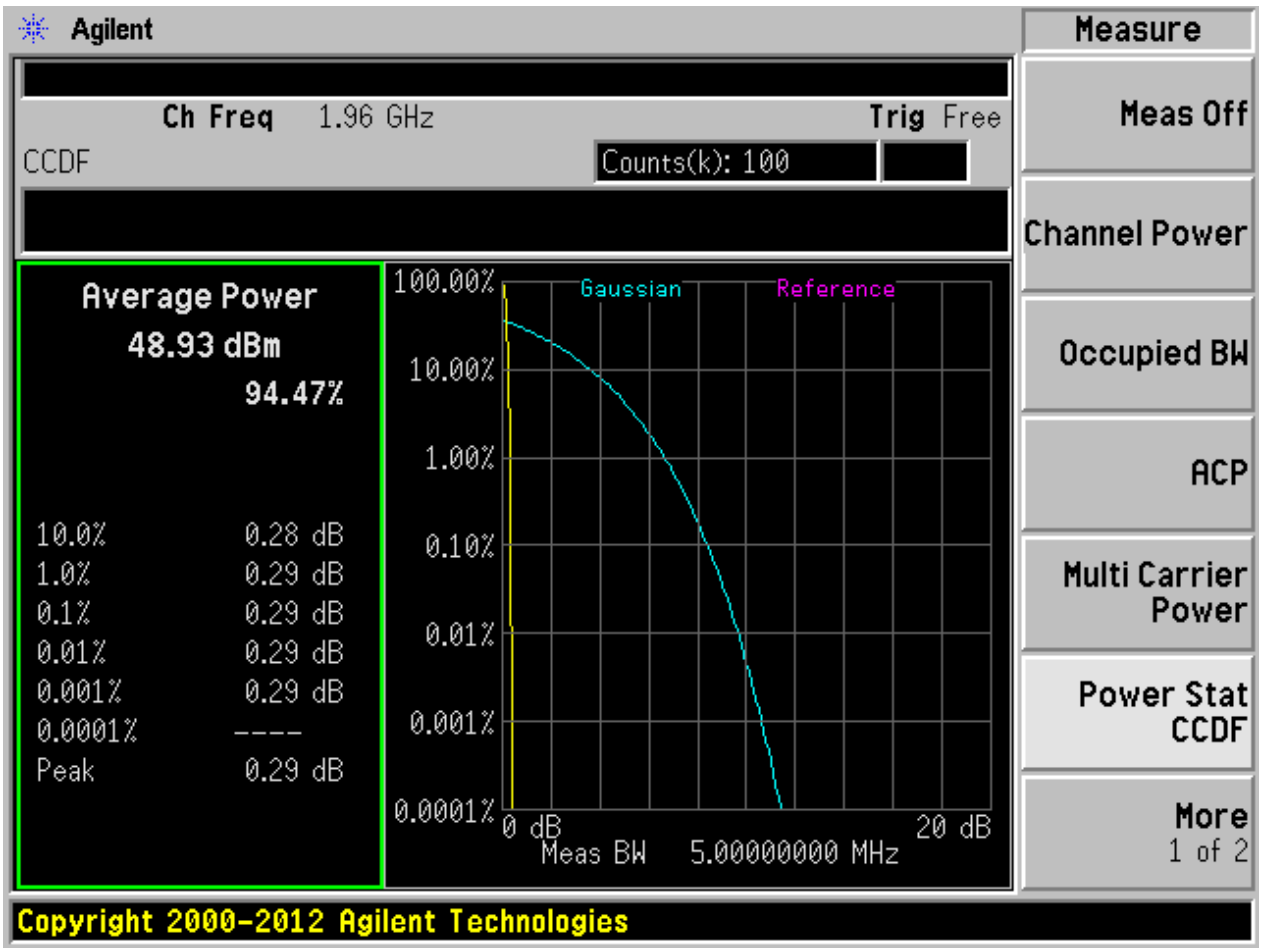
2.2.3 1U_T



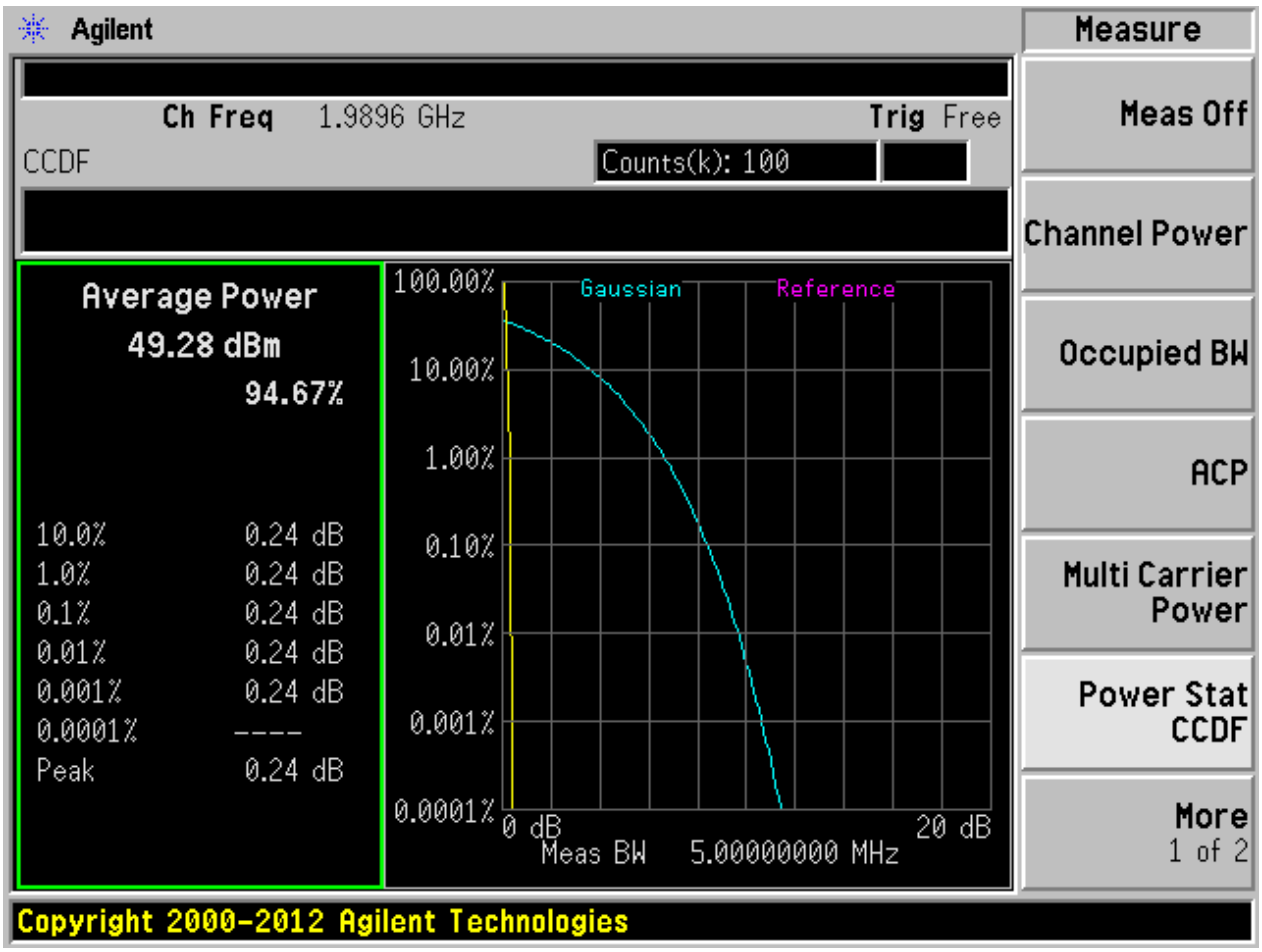
2.2.4 1G_GMSK_B



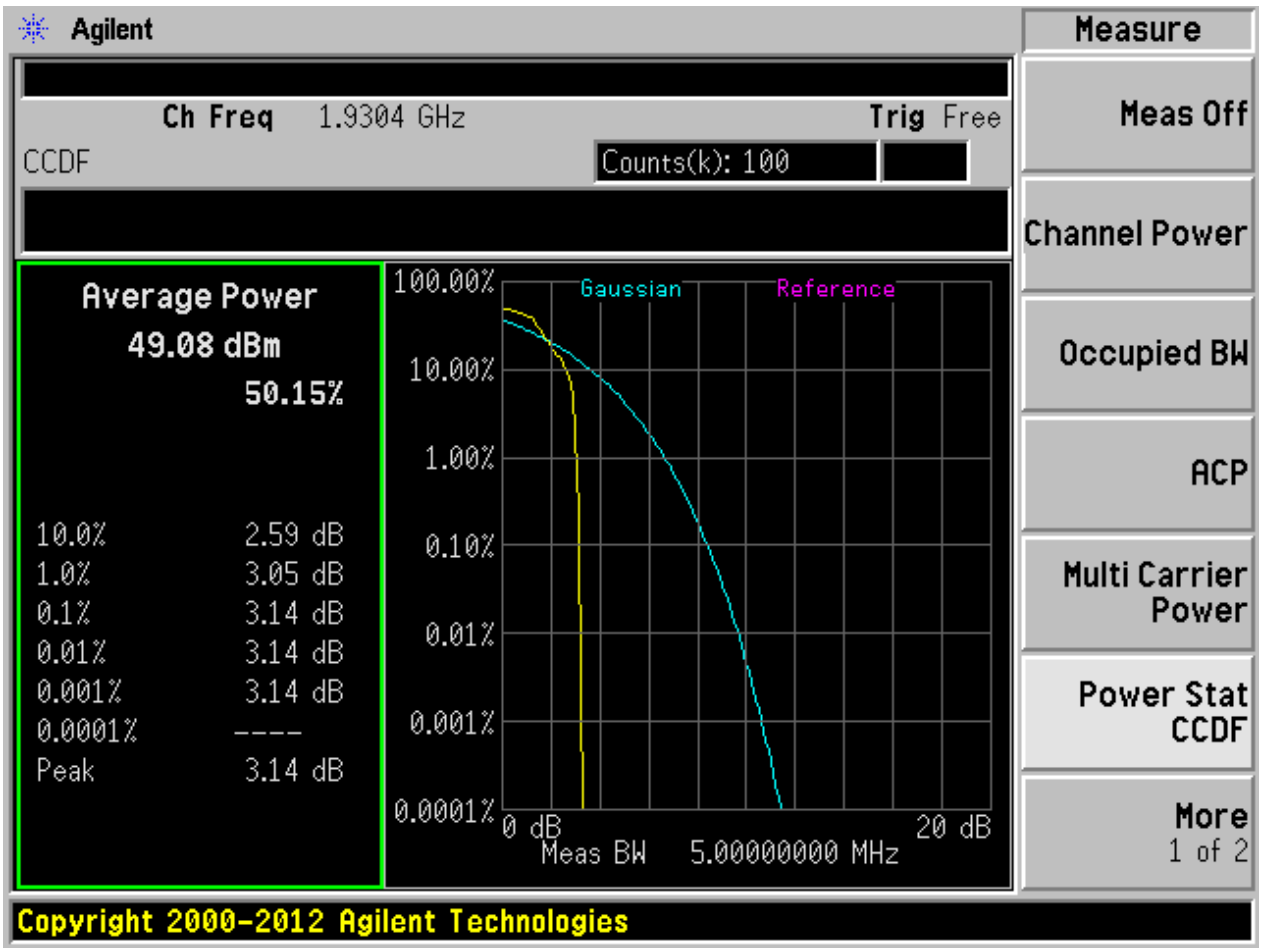
2.2.5 1G_GMSK_M



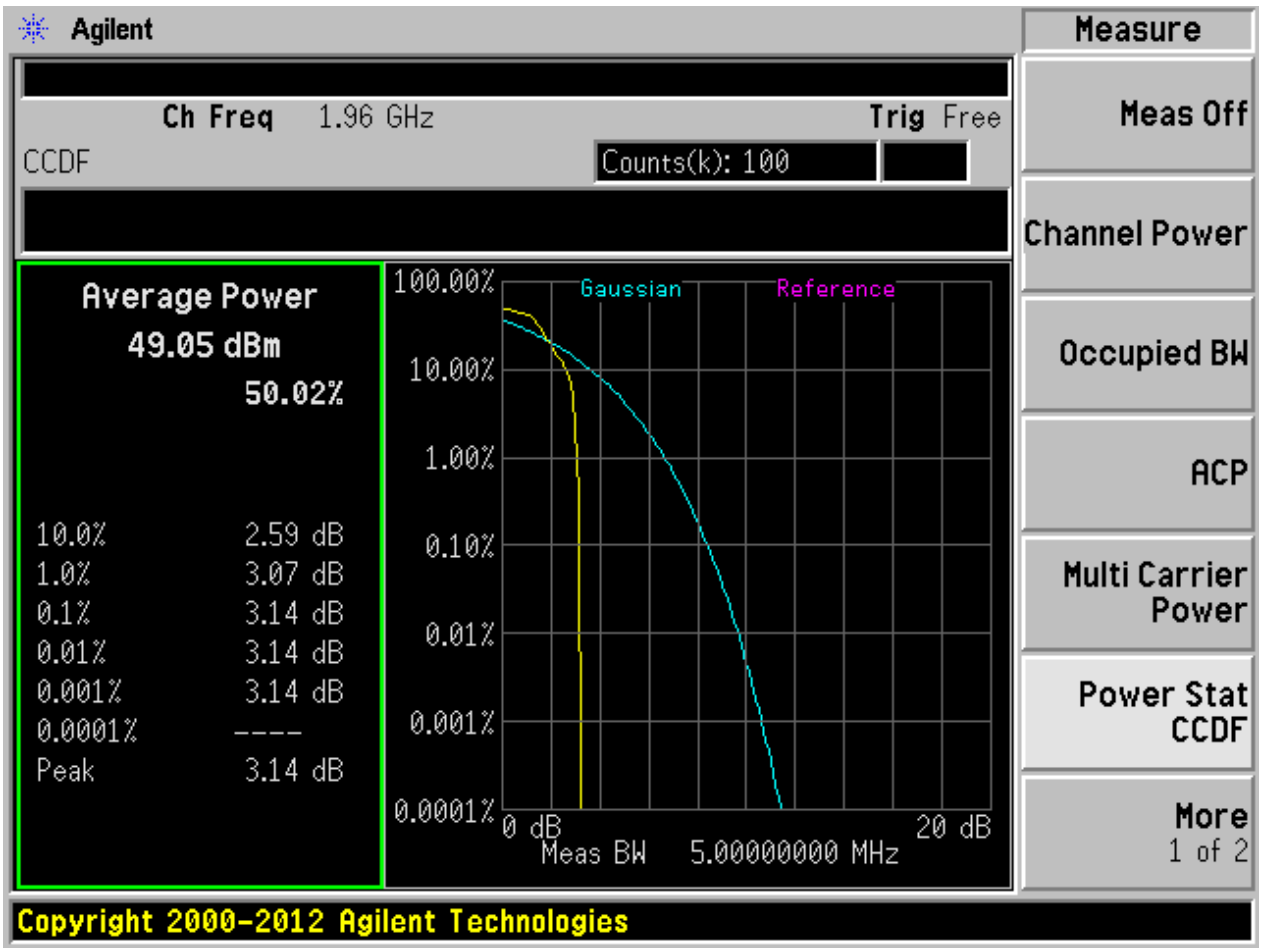
2.2.6 1G_GMSK_T



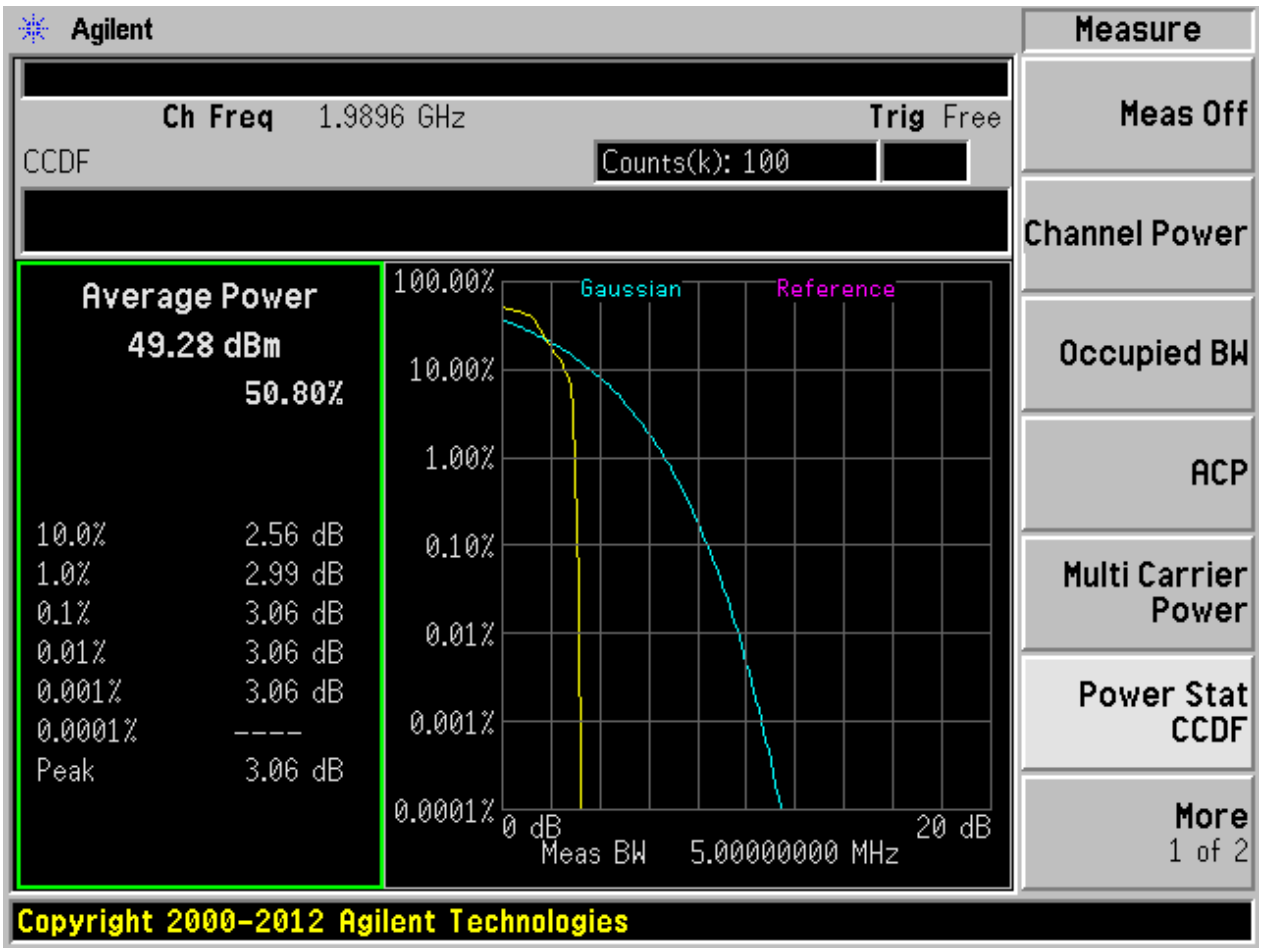
2.2.7 1G_8PSK_B



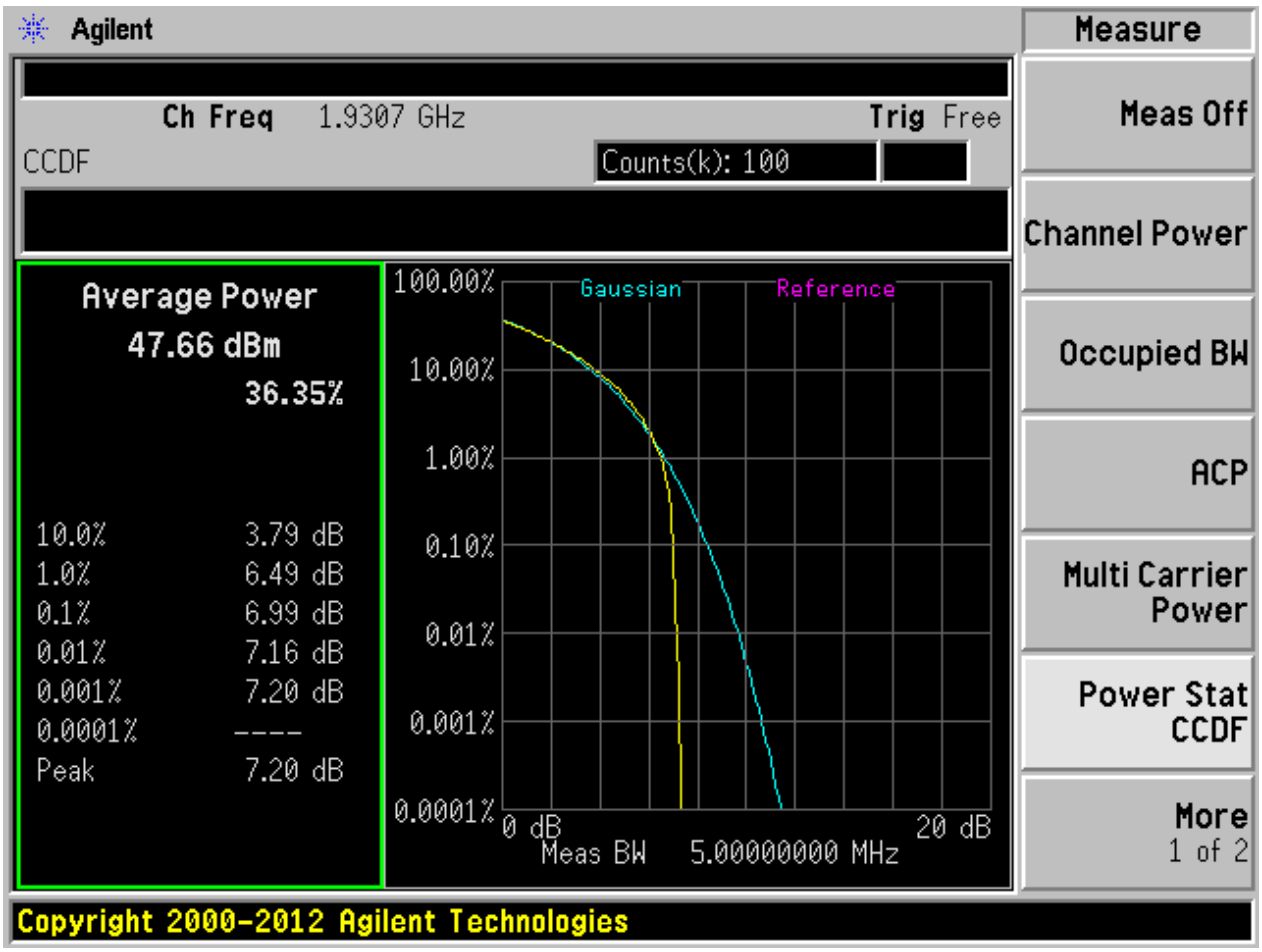
2.2.8 1G_8PSK_M



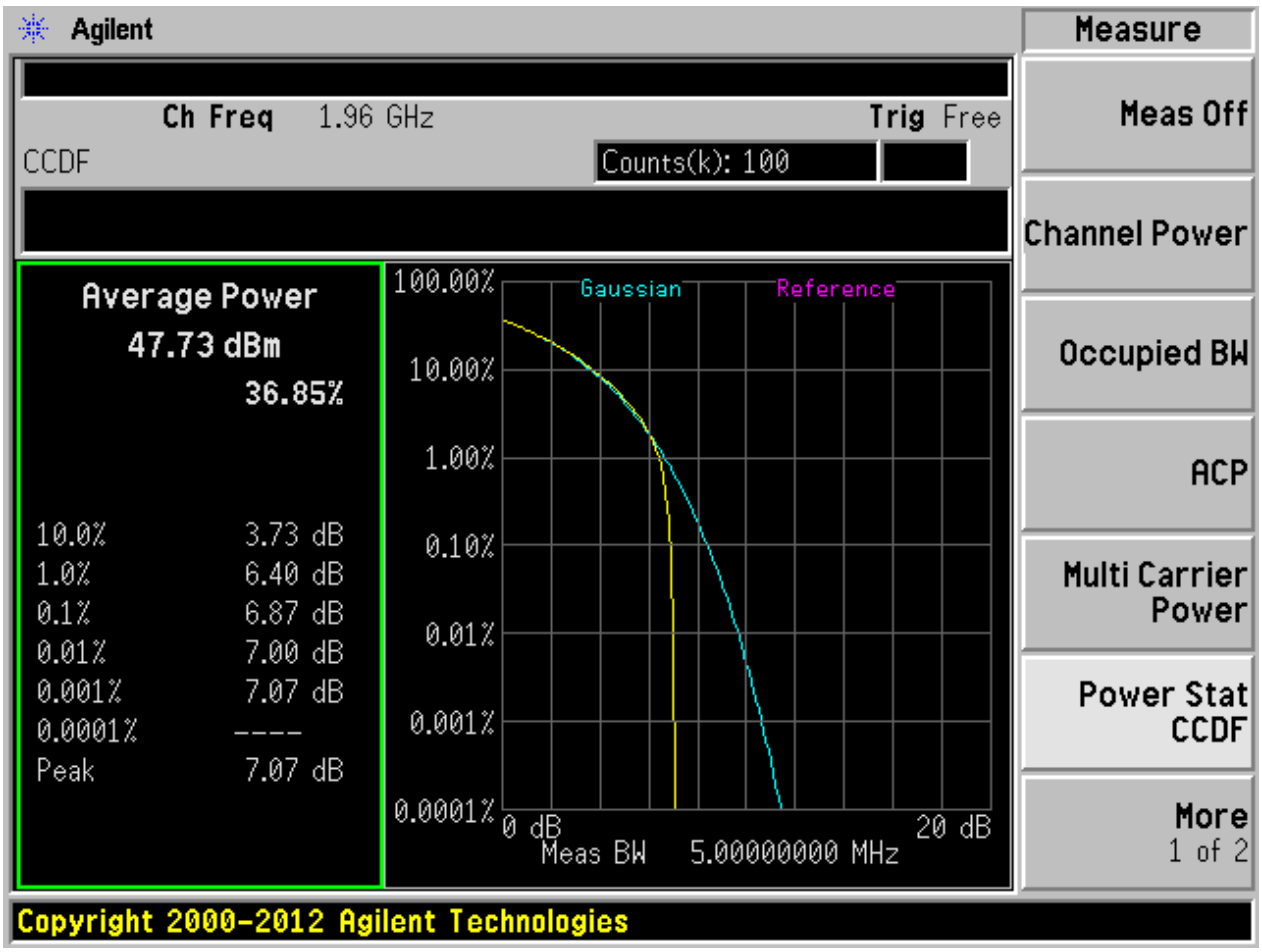
2.2.9 1G_8PSK_T



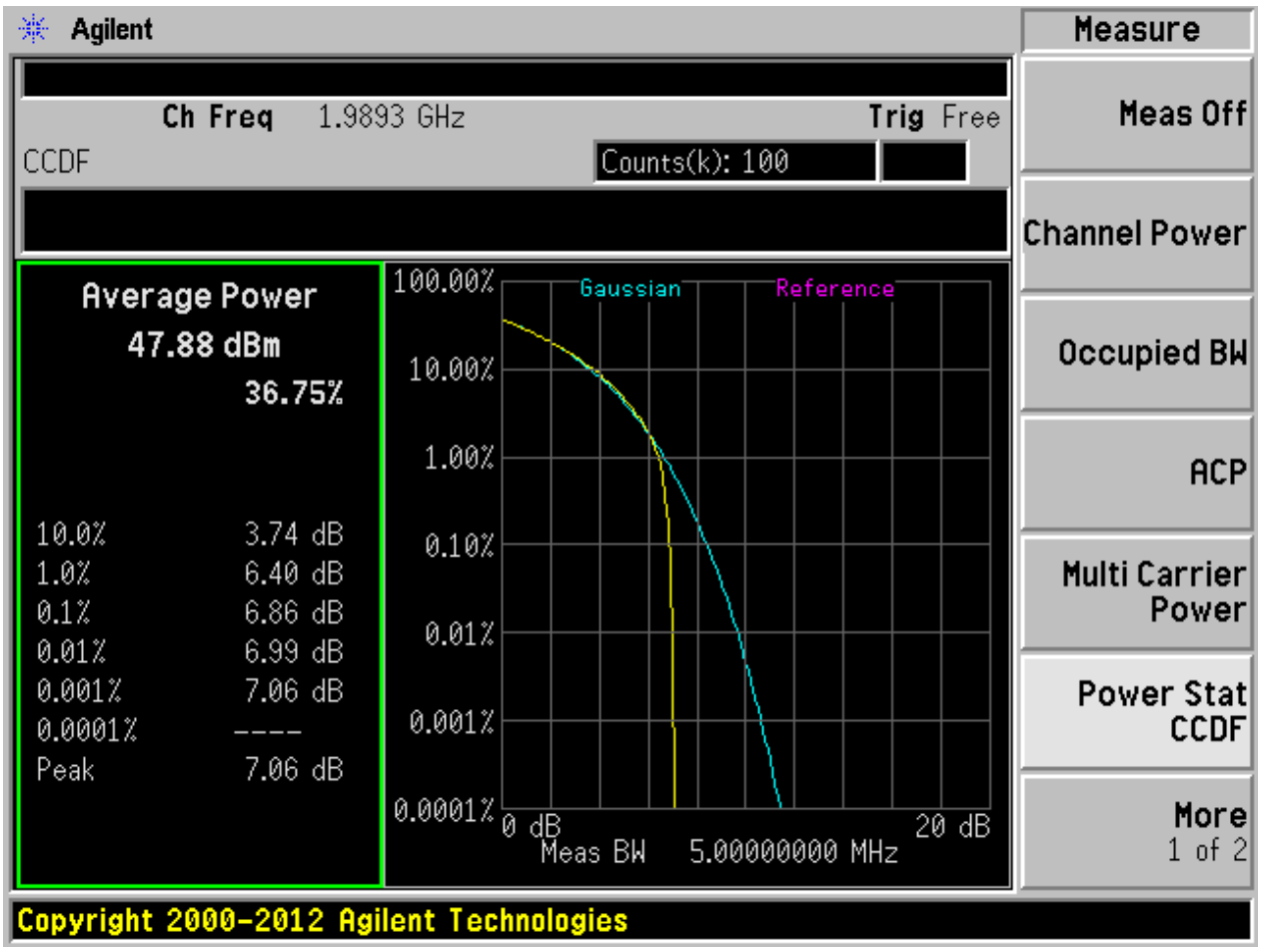
2.2.10 1L_1M4_B



2.2.11 1L_1M4_M



2.2.12 1L_1M4_T



Appendix B2: Bandwidth

1 Result Table

1.1 Occupied Bandwidth

EUT Conf.	Occupied Bandwidth [MHz]	Verdict
1U_B	4.208654	---
1U_M	4.121843	---
1U_T	4.119173	---
1G_GMSK_B	0.24294	---
1G_GMSK_M	0.245886	---
1G_GMSK_T	0.245799	---
1G_8PSK_B	0.246636	---
1G_8PSK_M	0.242186	---
1G_8PSK_T	0.248817	---
1L_1M4_B	1.117775	---
1L_1M4_M	1.098188	---
1L_1M4_T	1.035282	---
1L_3M_B	2.7488	---
1L_3M_M	2.7495	---
1L_3M_T	2.7159	---
1L_5M_B	4.5371	---
1L_5M_M	4.5383	---
1L_5M_T	4.5375	---
1L_10M_B	8.9334	---
1L_10M_M	8.8519	---
1L_10M_T	8.9602	---
1L_15M_B	13.3848	---
1L_15M_M	13.3111	---
1L_15M_T	13.3138	---
1L_20M_B	18.03868	---
1L_20M_M	17.52906	---
1L_20M_T	17.94128	---

1.2 Emission Bandwidth

EUT Conf.	Emission Bandwidth, -26 dBc [MHz]	Emission Bandwidth, -20 dBc [MHz]	Verdict
1U_B	4.683776	---	---
1U_M	4.69376	---	---
1U_T	4.683776	---	---
1G_GMSK_B	0.436736	---	---
1G_GMSK_M	0.436608	---	---
1G_GMSK_T	0.436608	---	---

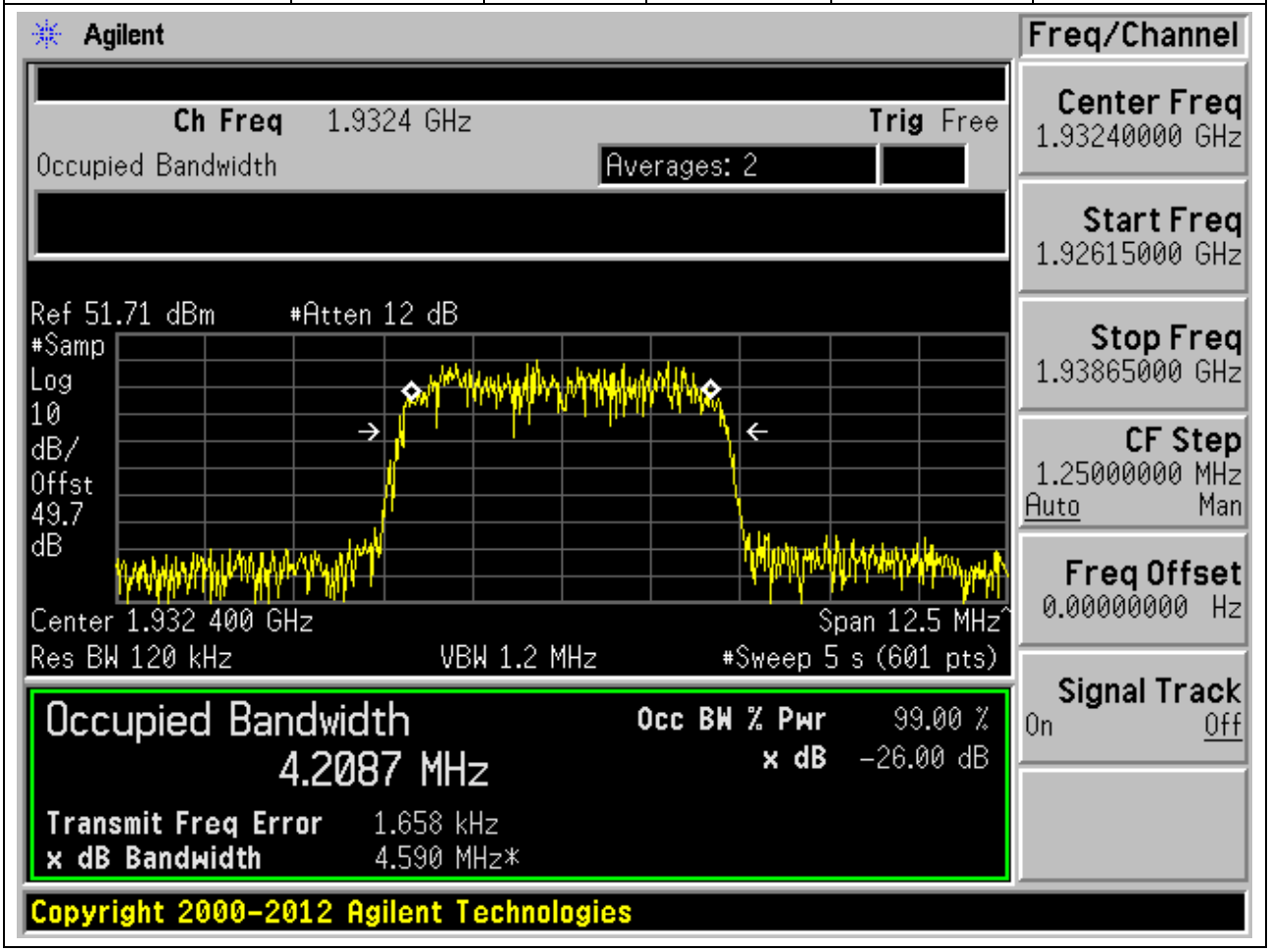
EUT Conf.	Emission Bandwidth, -26 dBc [MHz]	Emission Bandwidth, -20 dBc [MHz]	Verdict
1G_8PSK_B	0.43328	---	---
1G_8PSK_M	0.434176	---	---
1G_8PSK_T	0.434944	---	---
1L_1M4_B	1.347584	---	---
1L_1M4_M	1.353344	---	---
1L_1M4_T	1.347456	---	---
1L_3M_B	2.978	---	---
1L_3M_M	2.978	---	---
1L_3M_T	2.963	---	---
1L_5M_B	4.736	---	---
1L_5M_M	4.721	---	---
1L_5M_T	4.737	---	---
1L_10M_B	9.313	---	---
1L_10M_M	9.391	---	---
1L_10M_T	9.277	---	---
1L_15M_B	13.749	---	---
1L_15M_M	13.759	---	---
1L_15M_T	13.749	---	---
1L_20M_B	18.64384	---	---
1L_20M_M	18.603776	---	---
1L_20M_T	18.593792	---	---

2 Test Plot

2.1 Occupied Bandwidth

2.1.1 1U_B

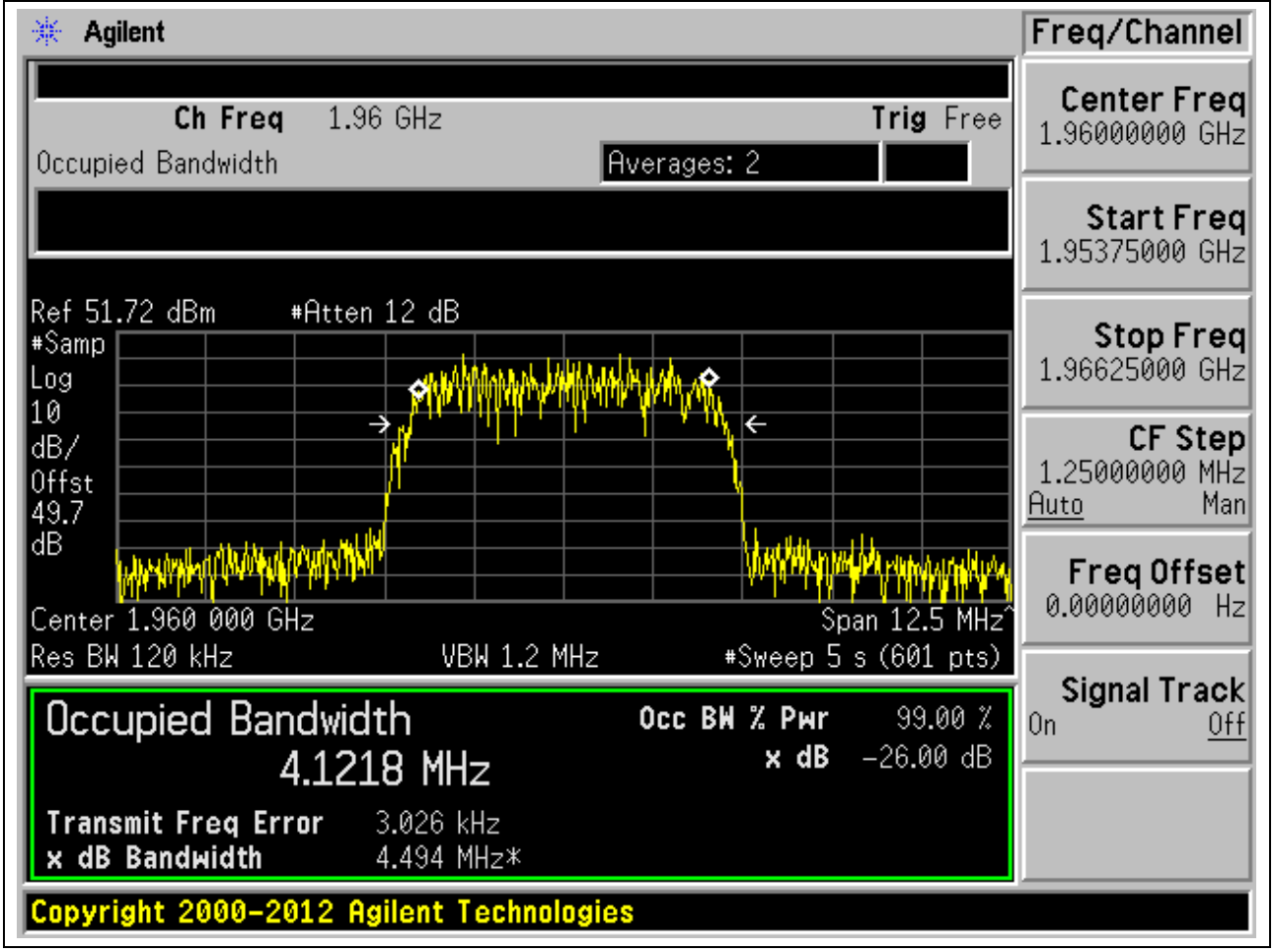
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1932.4	99	Auto	RMS	4.208654	No Conclusion



2.1.2 1U_M

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1960	99	Auto	RMS	4.121843	No Conclusion

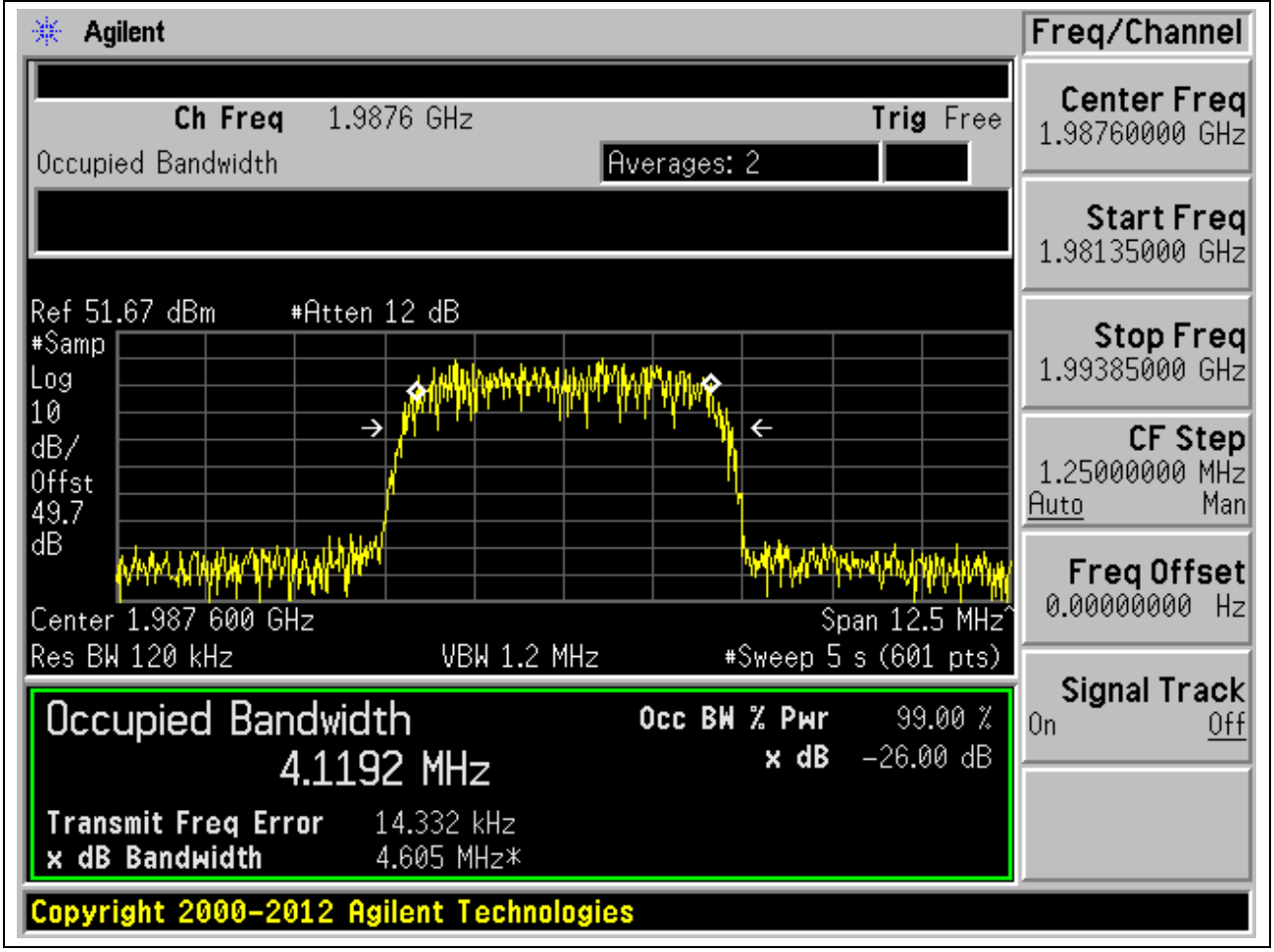
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.1.3 1U_T

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1987.6	99	Auto	RMS	4.119173	No Conclusion

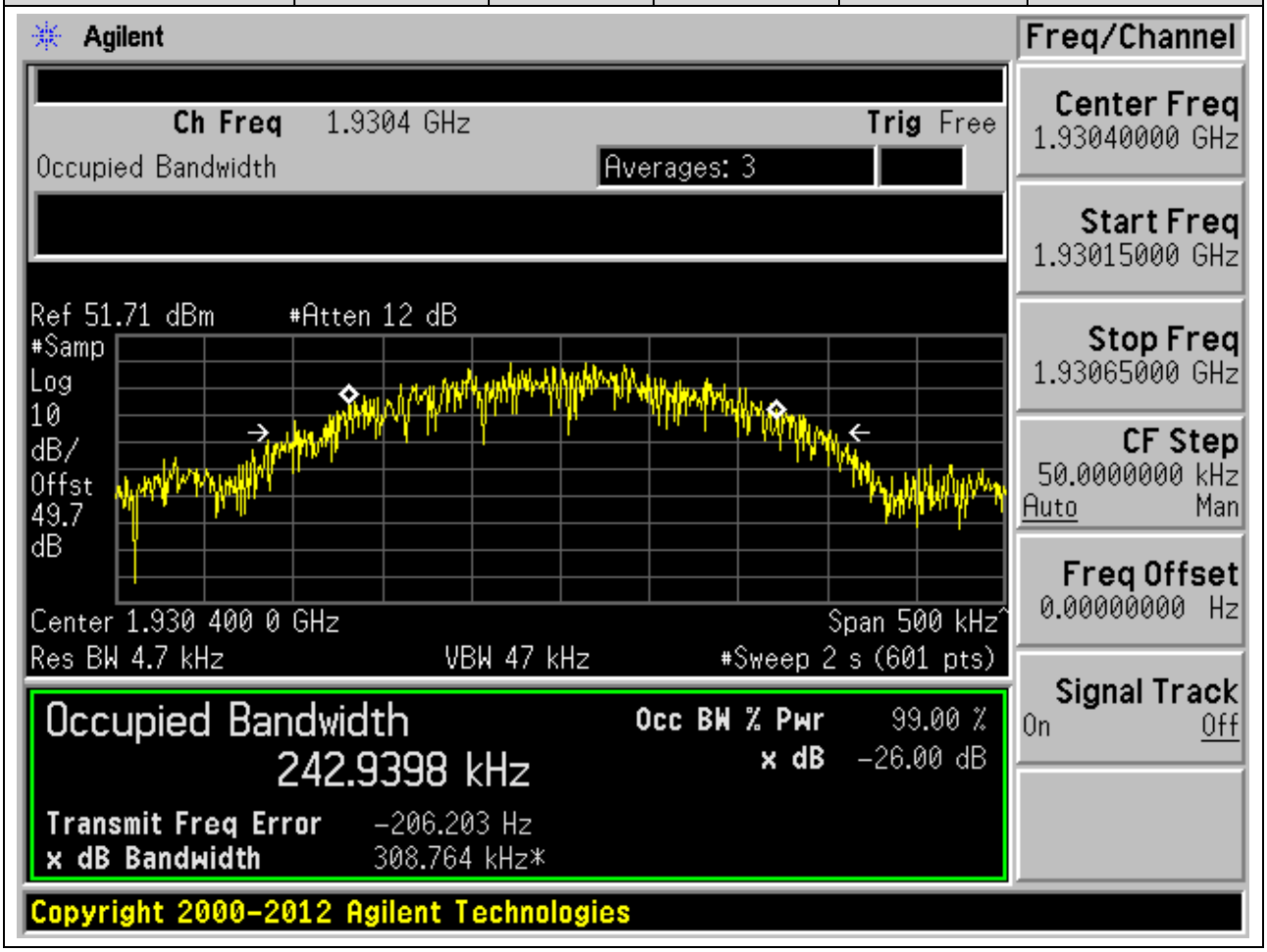
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.1.4 1G_GMSK_B

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1930.4	99	Auto	RMS	0.24294	No Conclusion

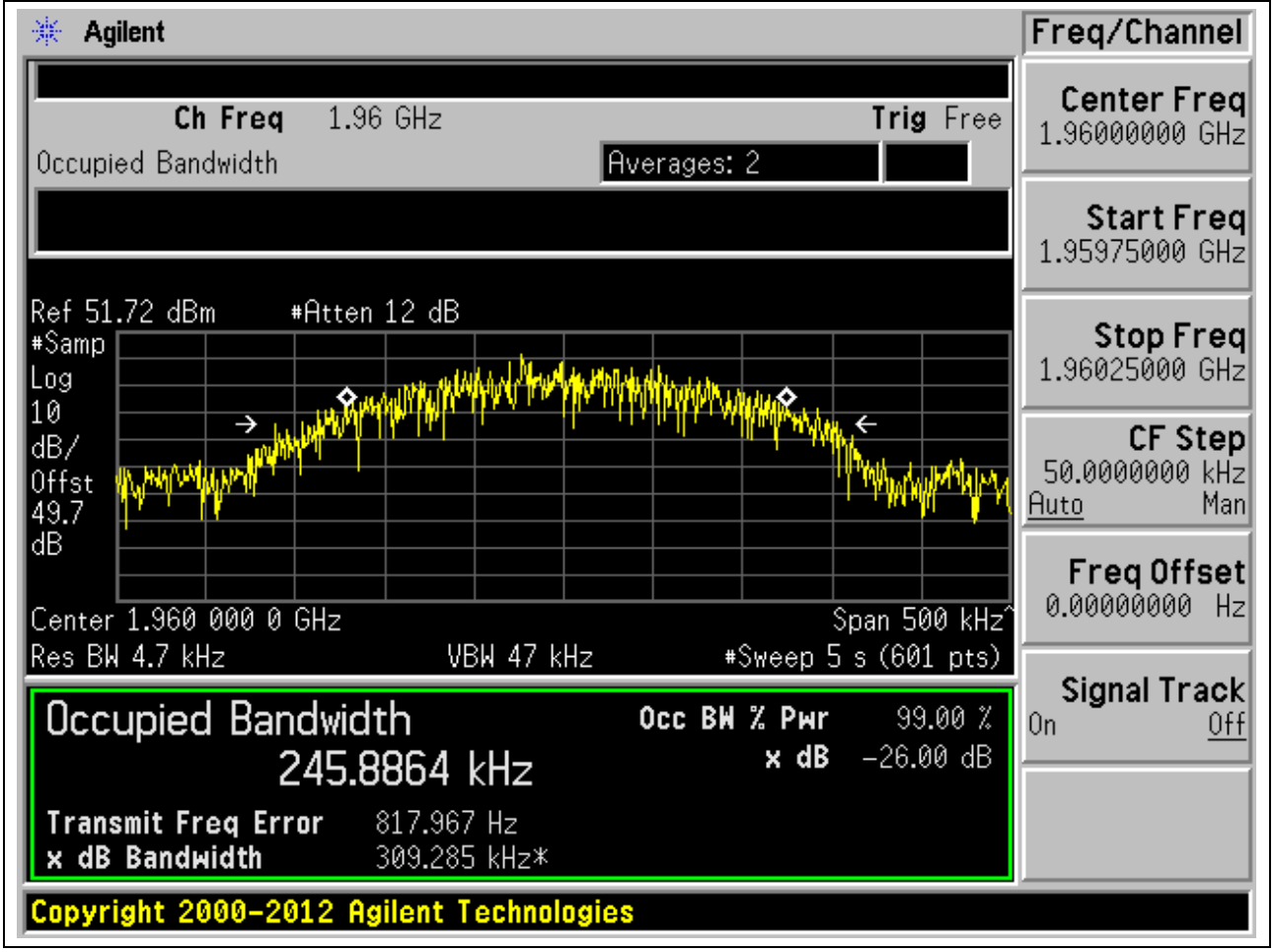
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.1.5 1G_GMSK_M

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1960	99	Auto	RMS	0.245886	No Conclusion

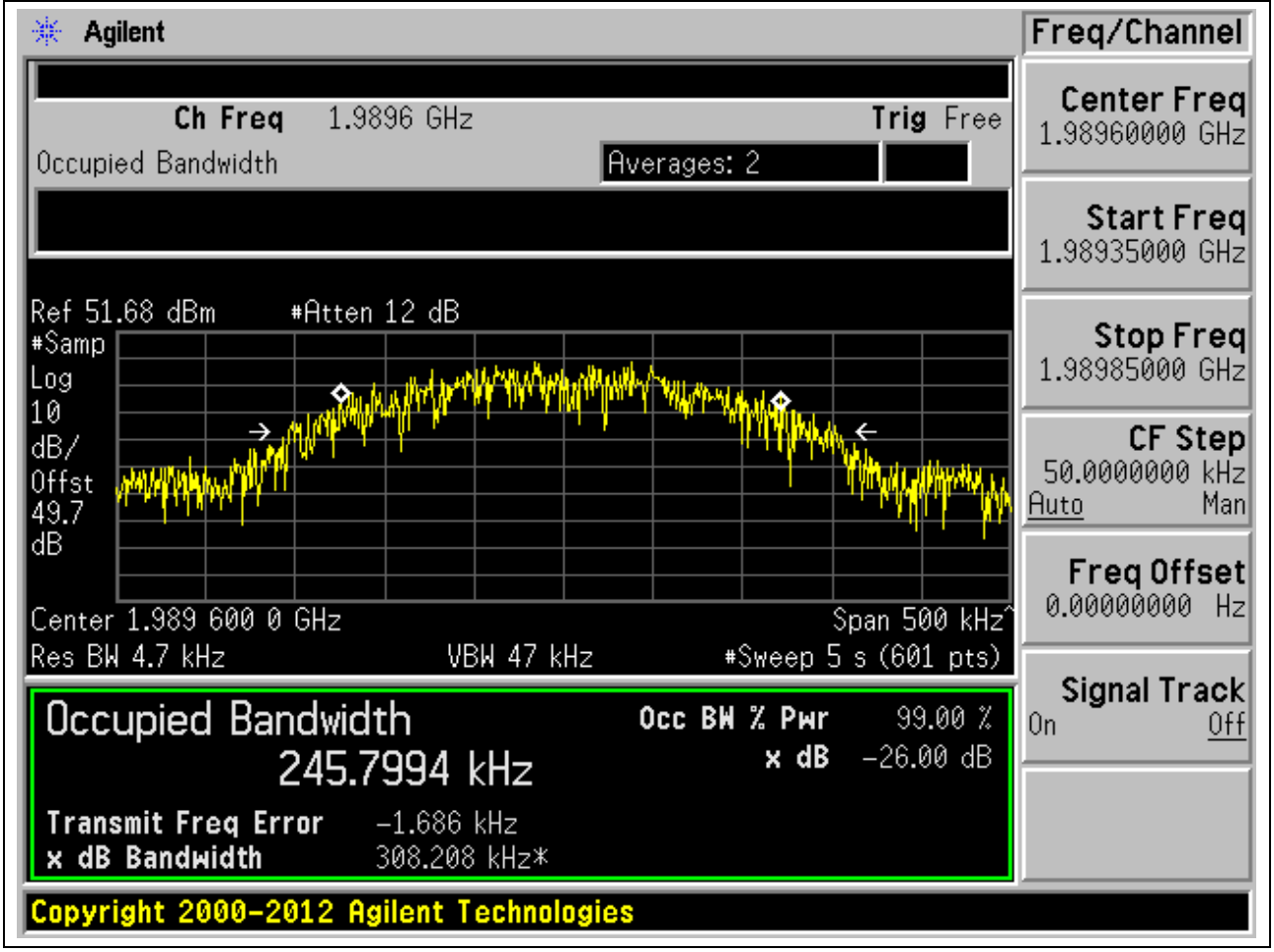
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.1.6 1G_GMSK_T

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1989.6	99	Auto	RMS	0.245799	No Conclusion

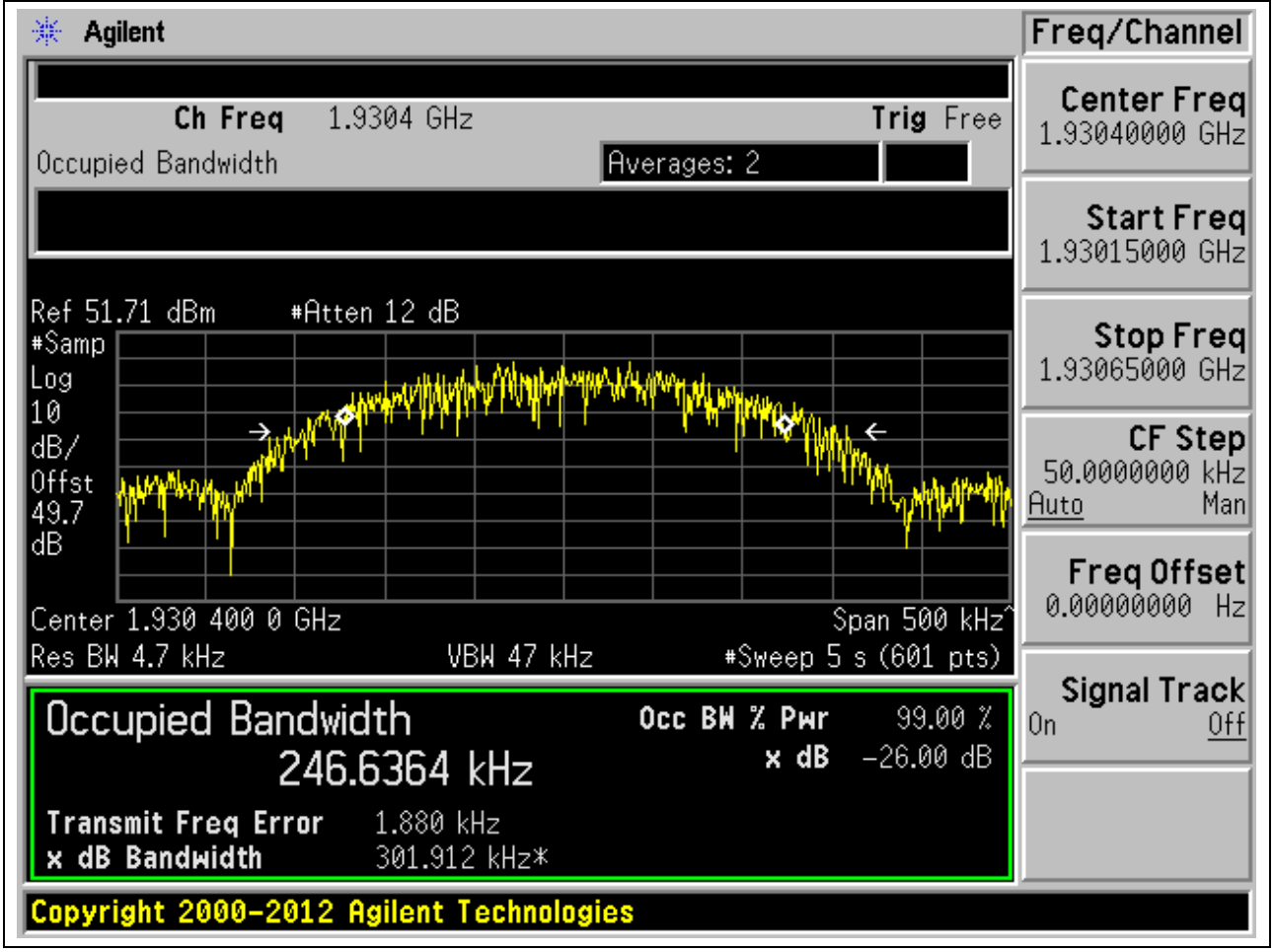
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.1.7 1G_8PSK_B

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1930.4	99	Auto	RMS	0.246636	No Conclusion

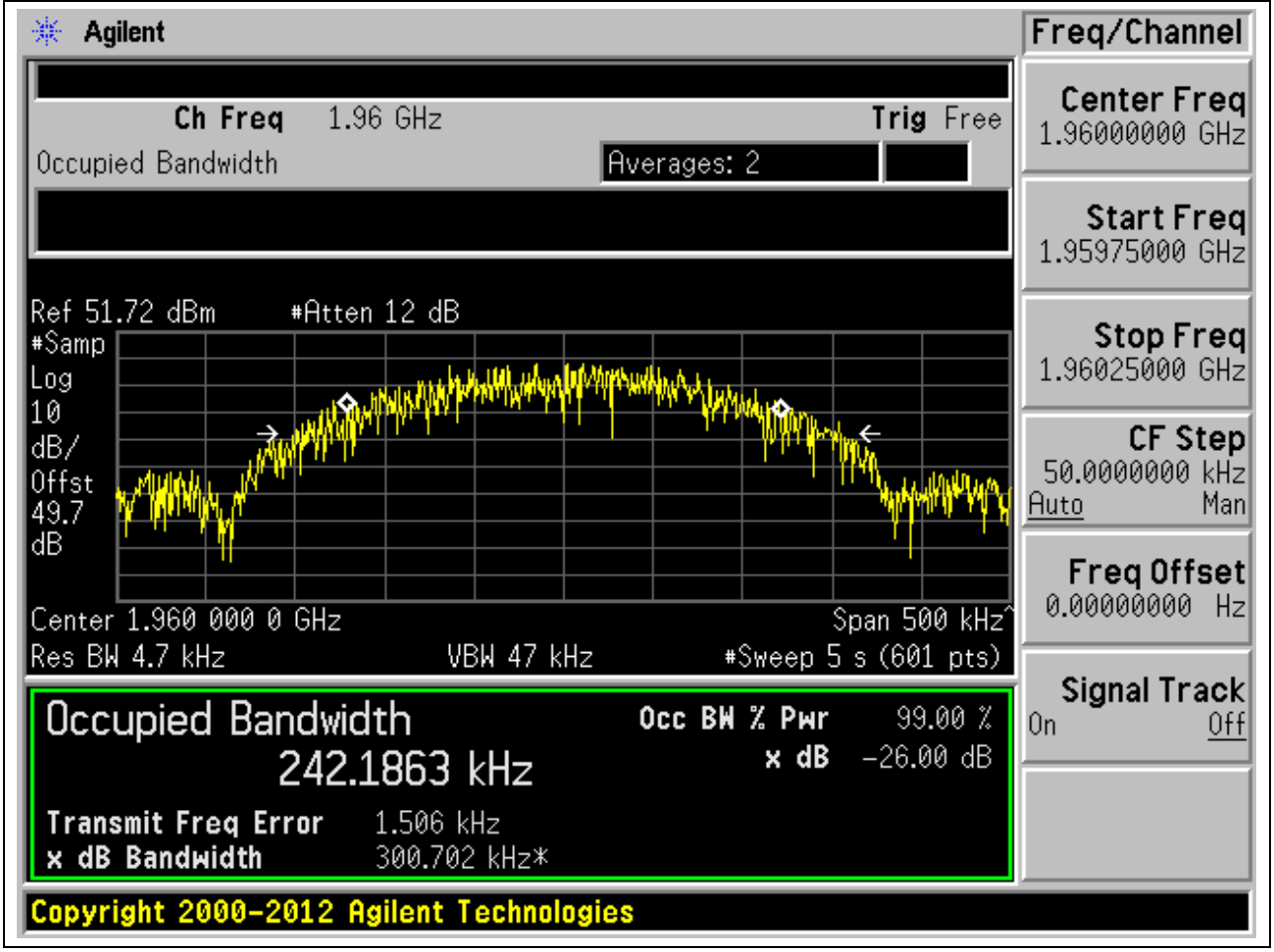
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.1.8 1G_8PSK_M

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1960	99	Auto	RMS	0.242186	No Conclusion

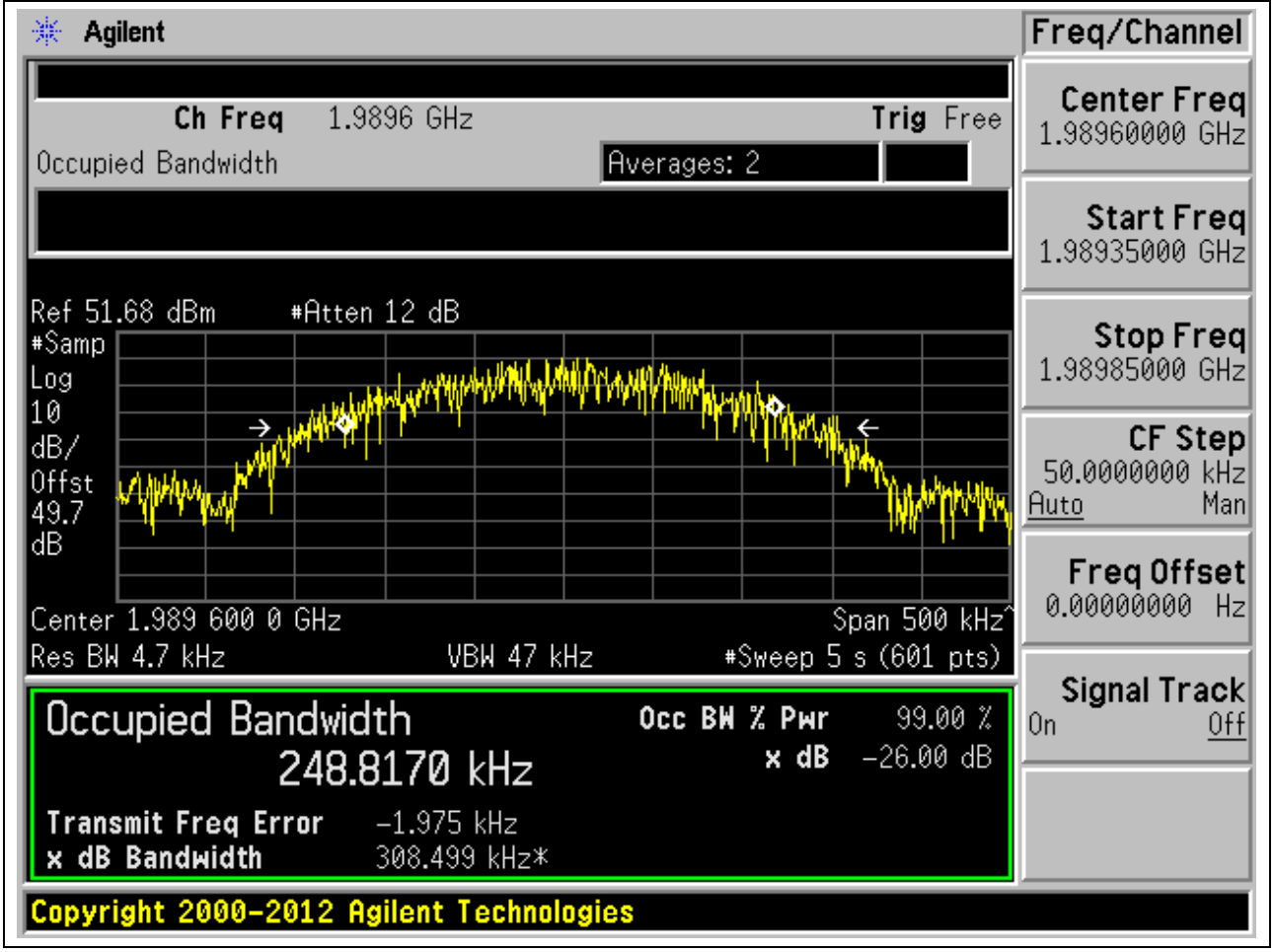
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.1.9 1G_8PSK_T

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1989.6	99	Auto	RMS	0.248817	No Conclusion

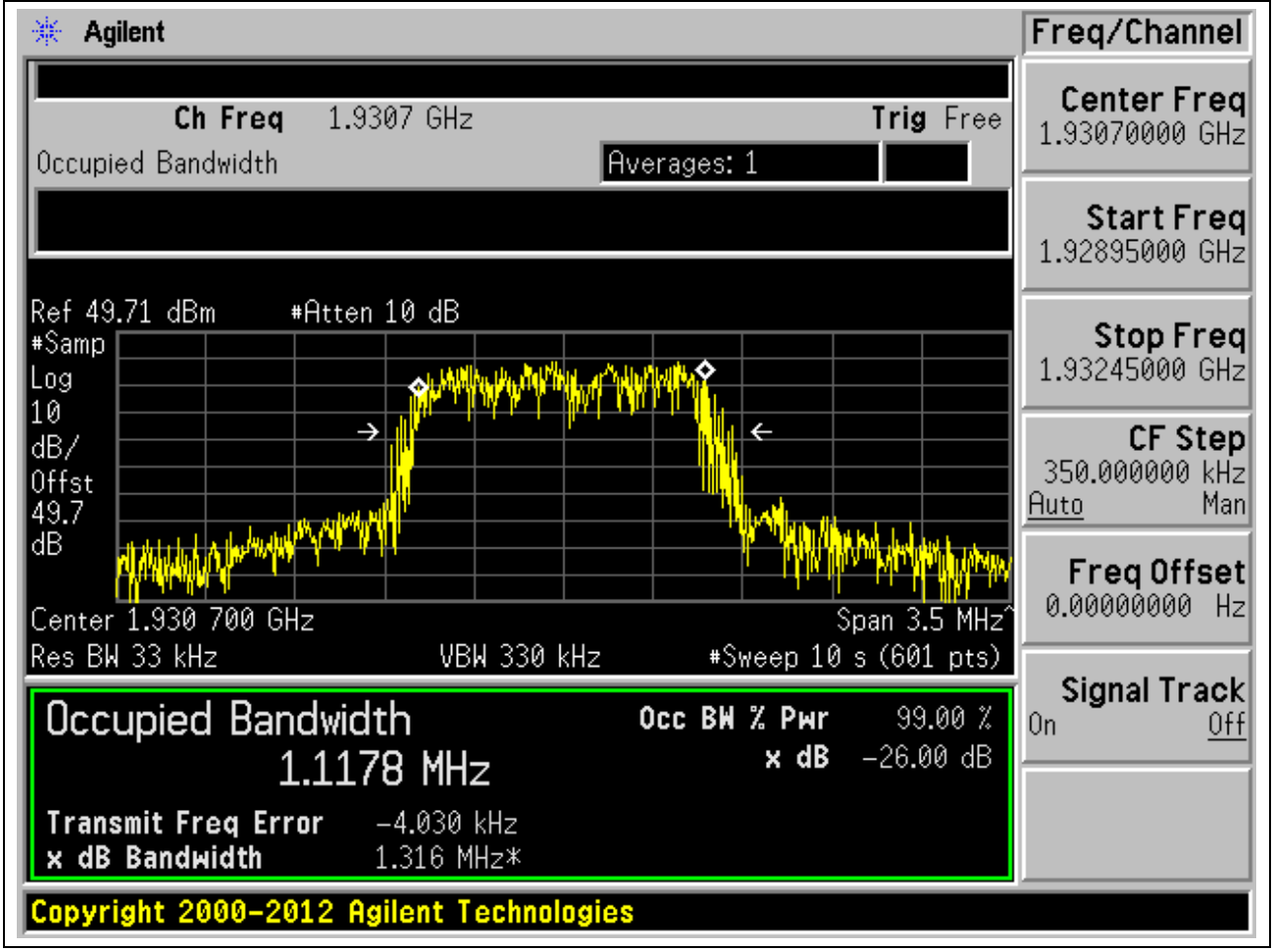
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.1.10 1L_1M4_B

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1930.7	99	Auto	RMS	1.117775	No Conclusion

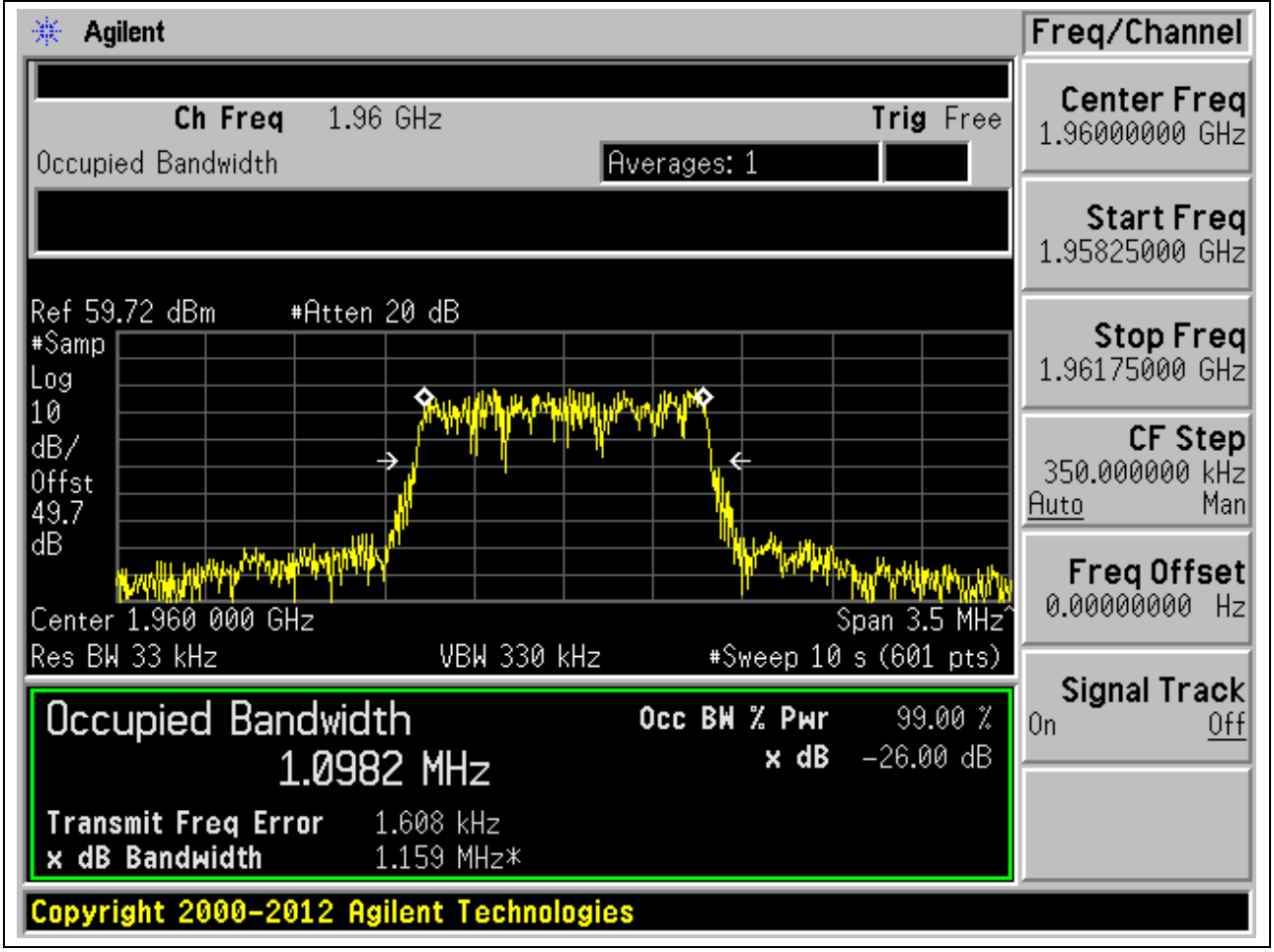
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.1.11 1L_1M4_M

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1960	99	Auto	RMS	1.098188	No Conclusion

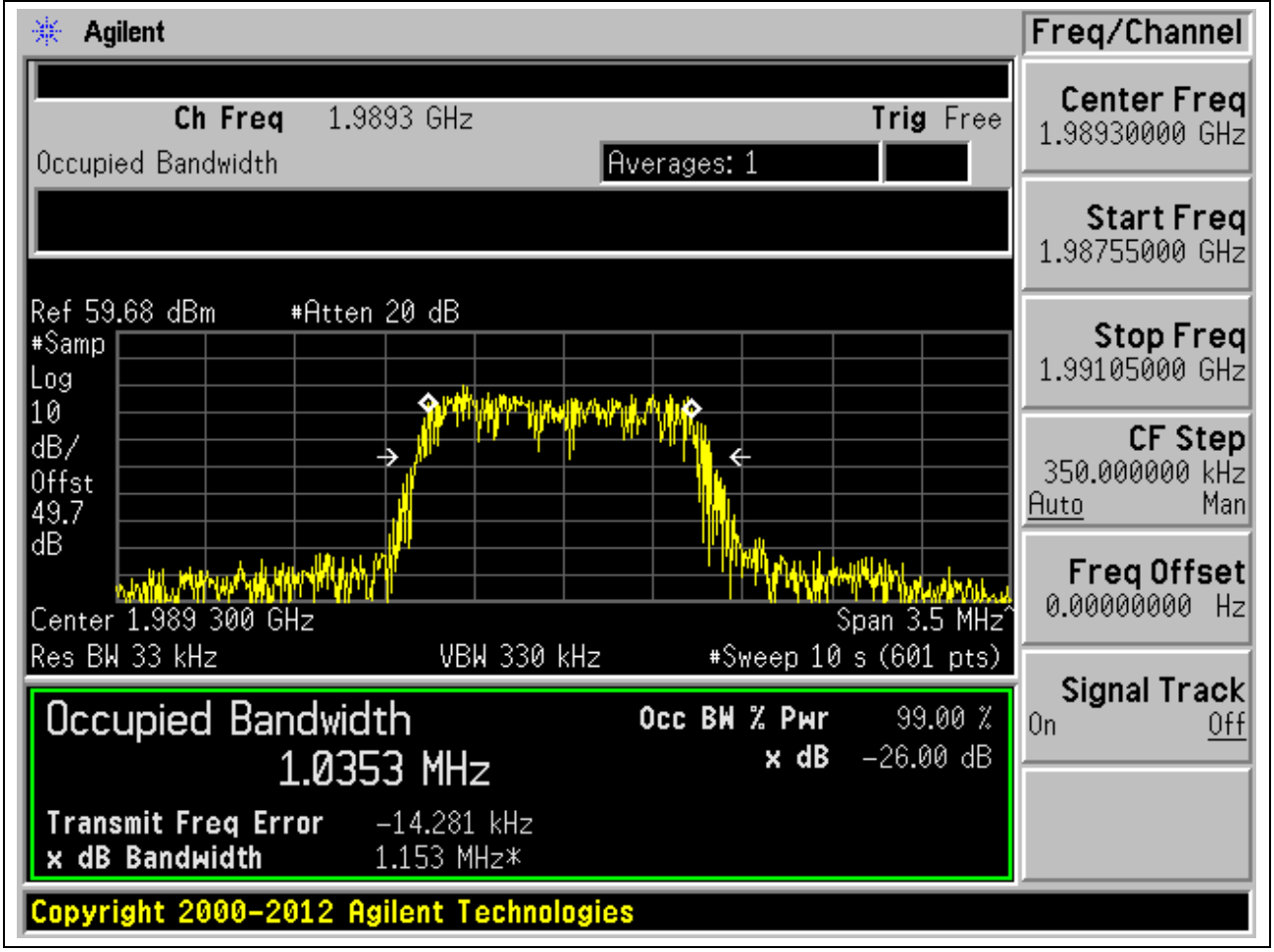
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



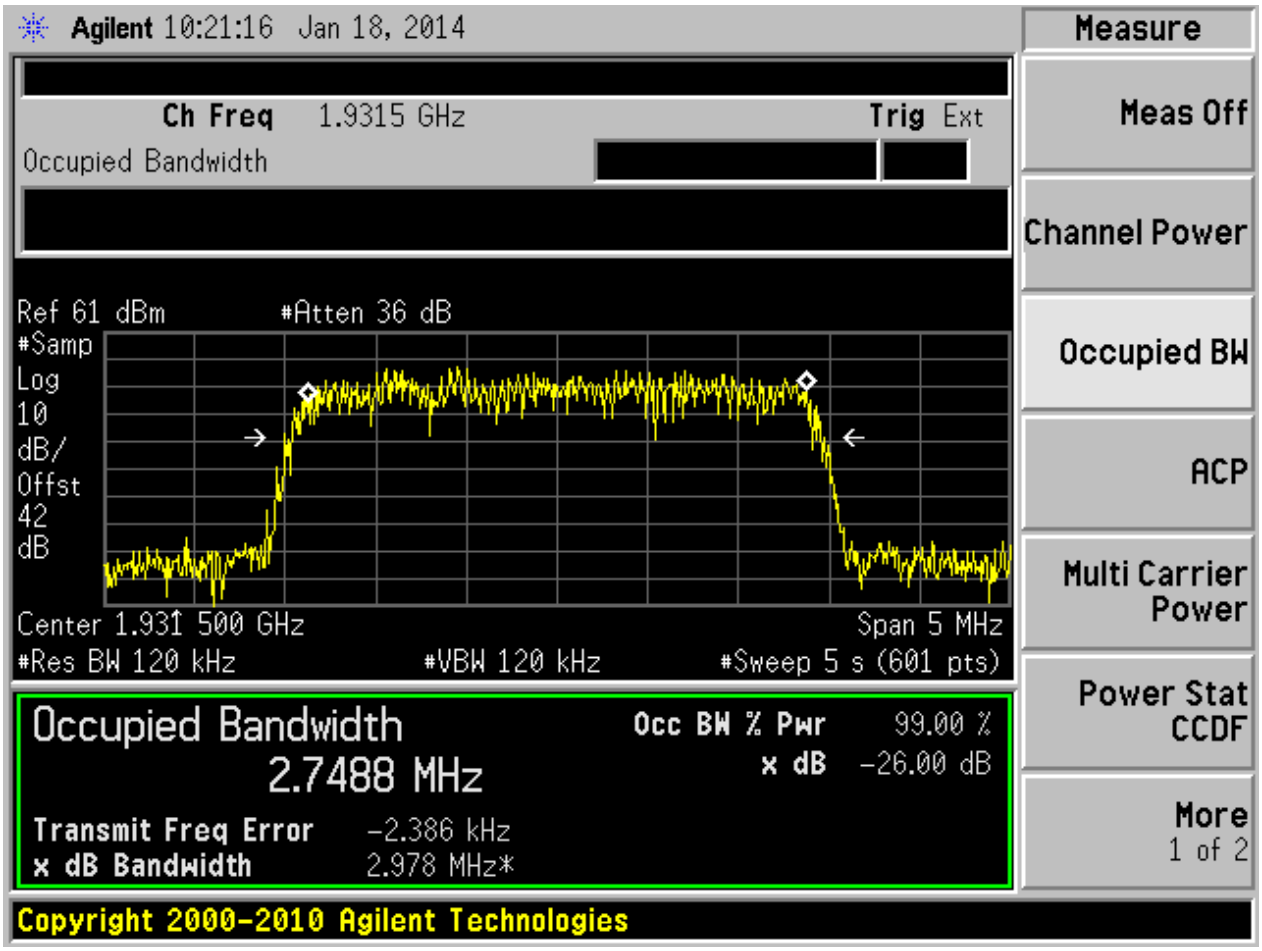
2.1.12 1L_1M4_T

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1989.3	99	Auto	RMS	1.035282	No Conclusion

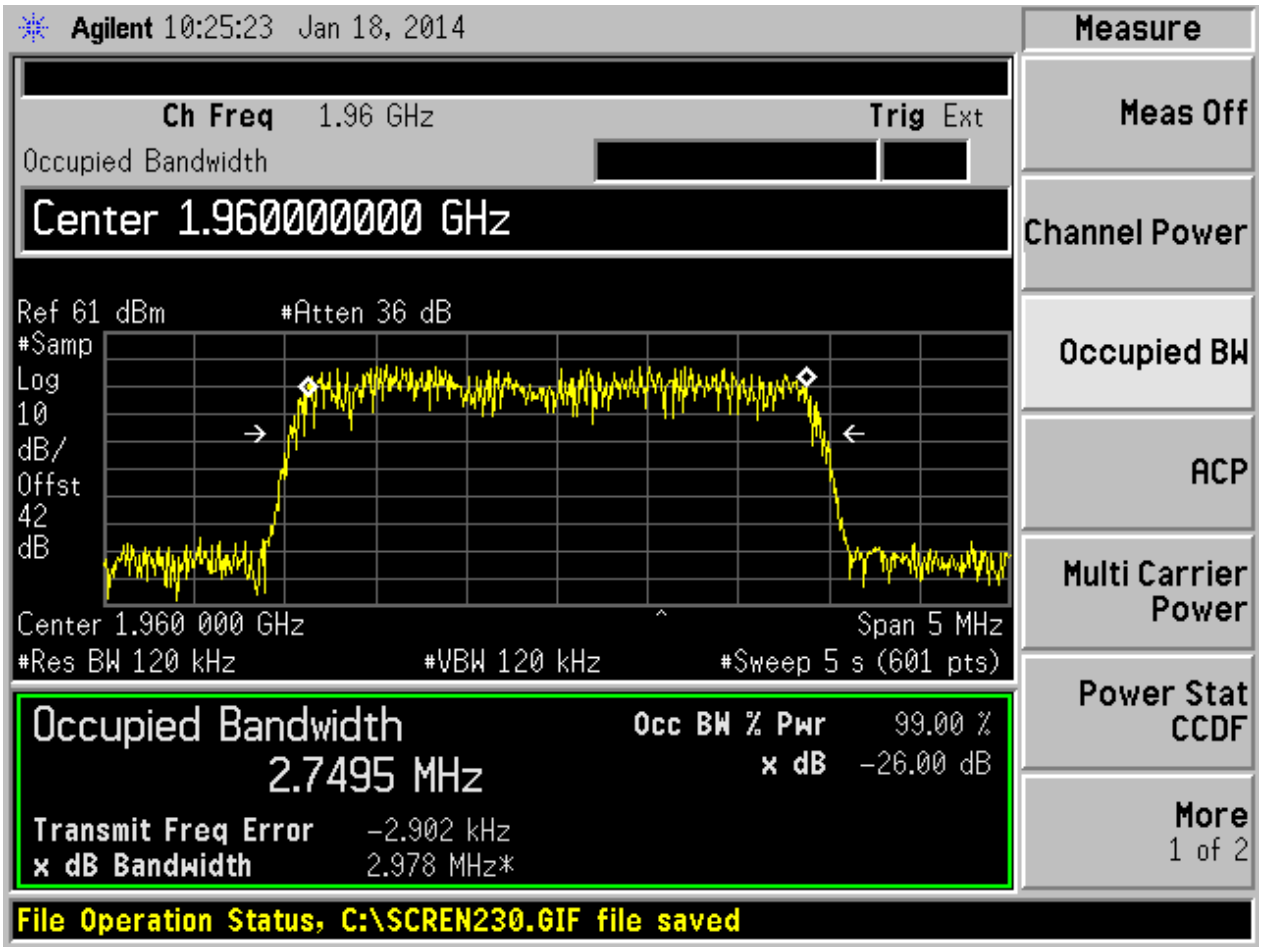
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



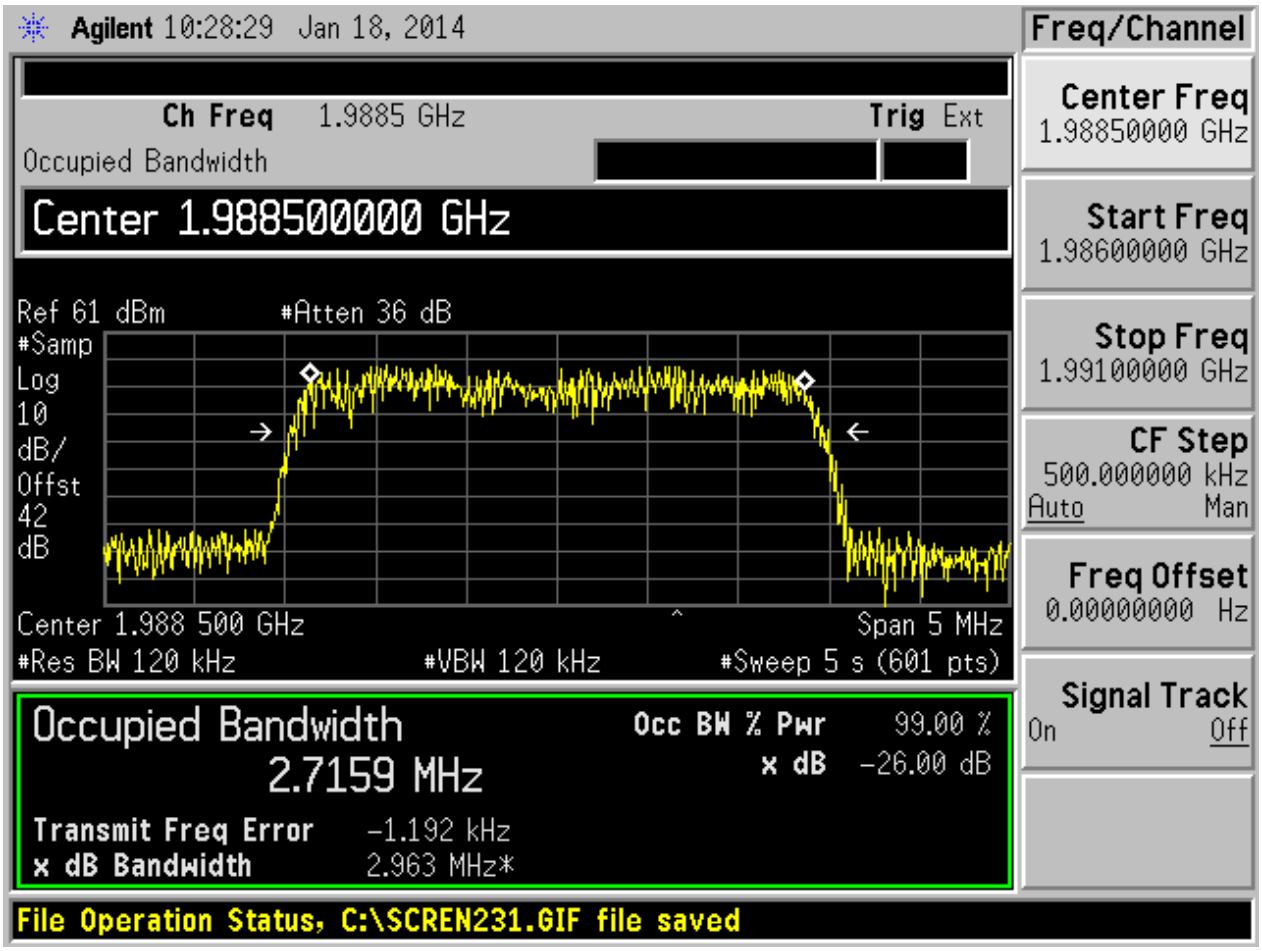
2.1.13 1L_3M_B



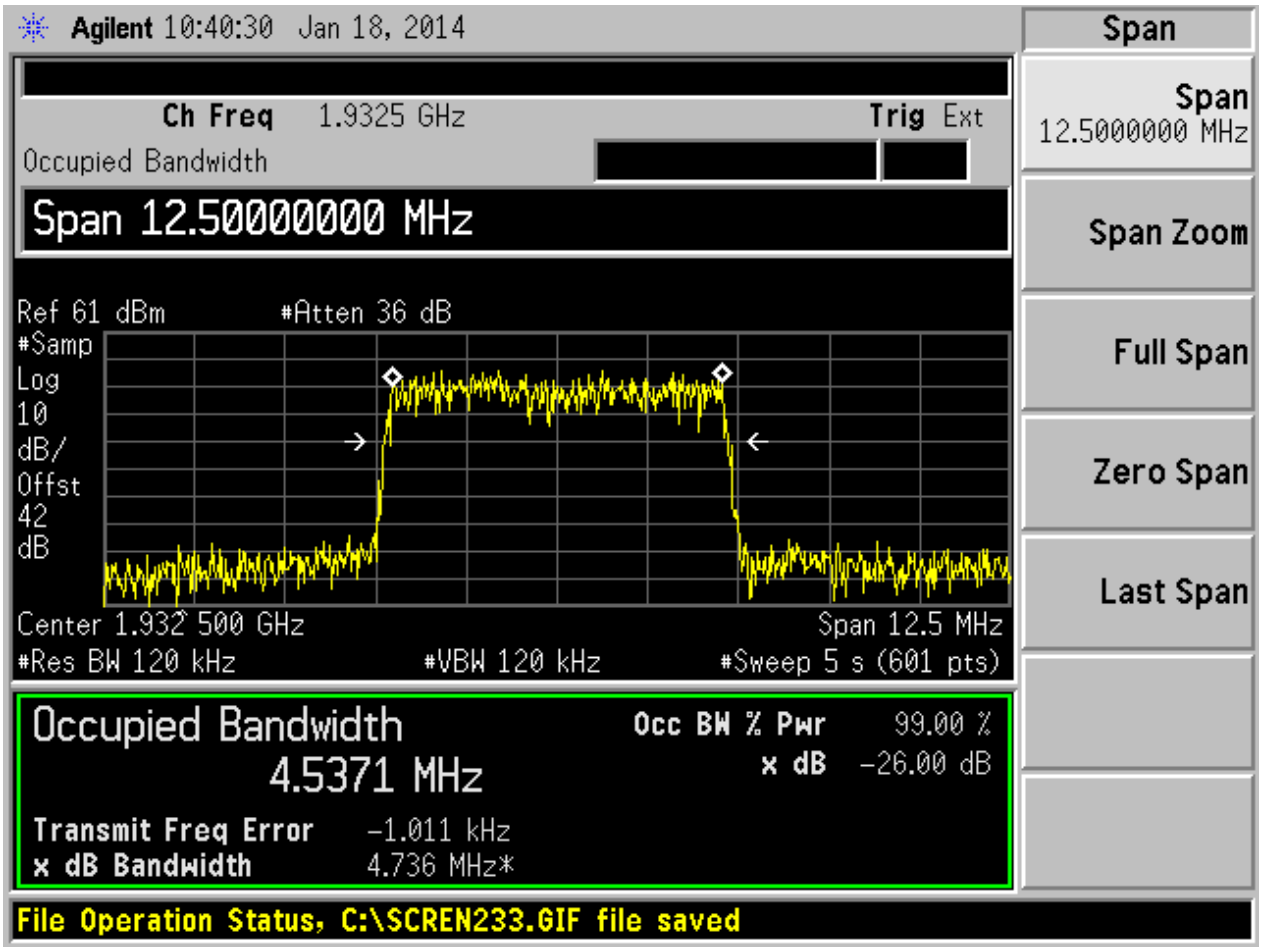
2.1.14 1L_3M_M



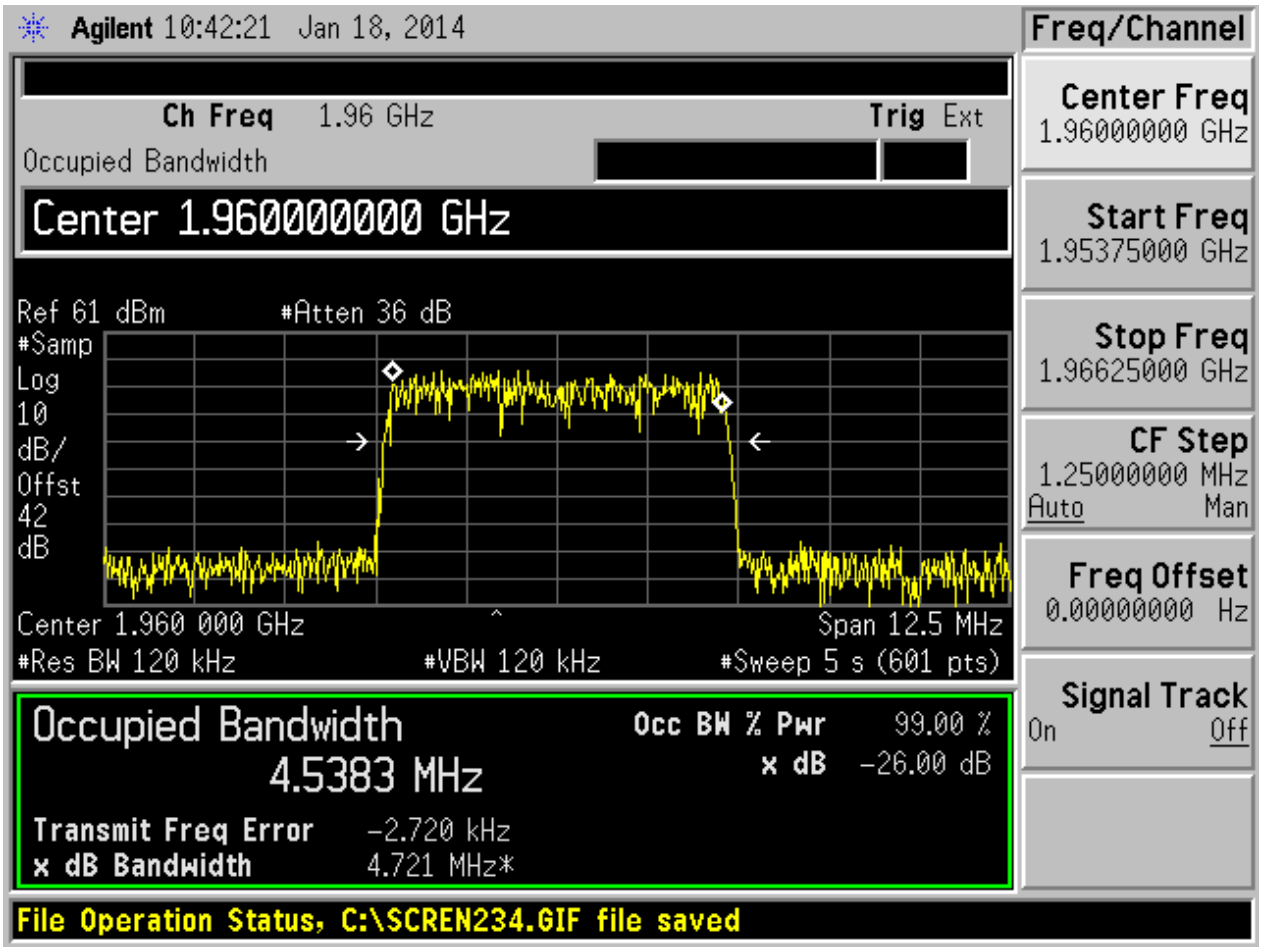
2.1.15 1L_3M_T



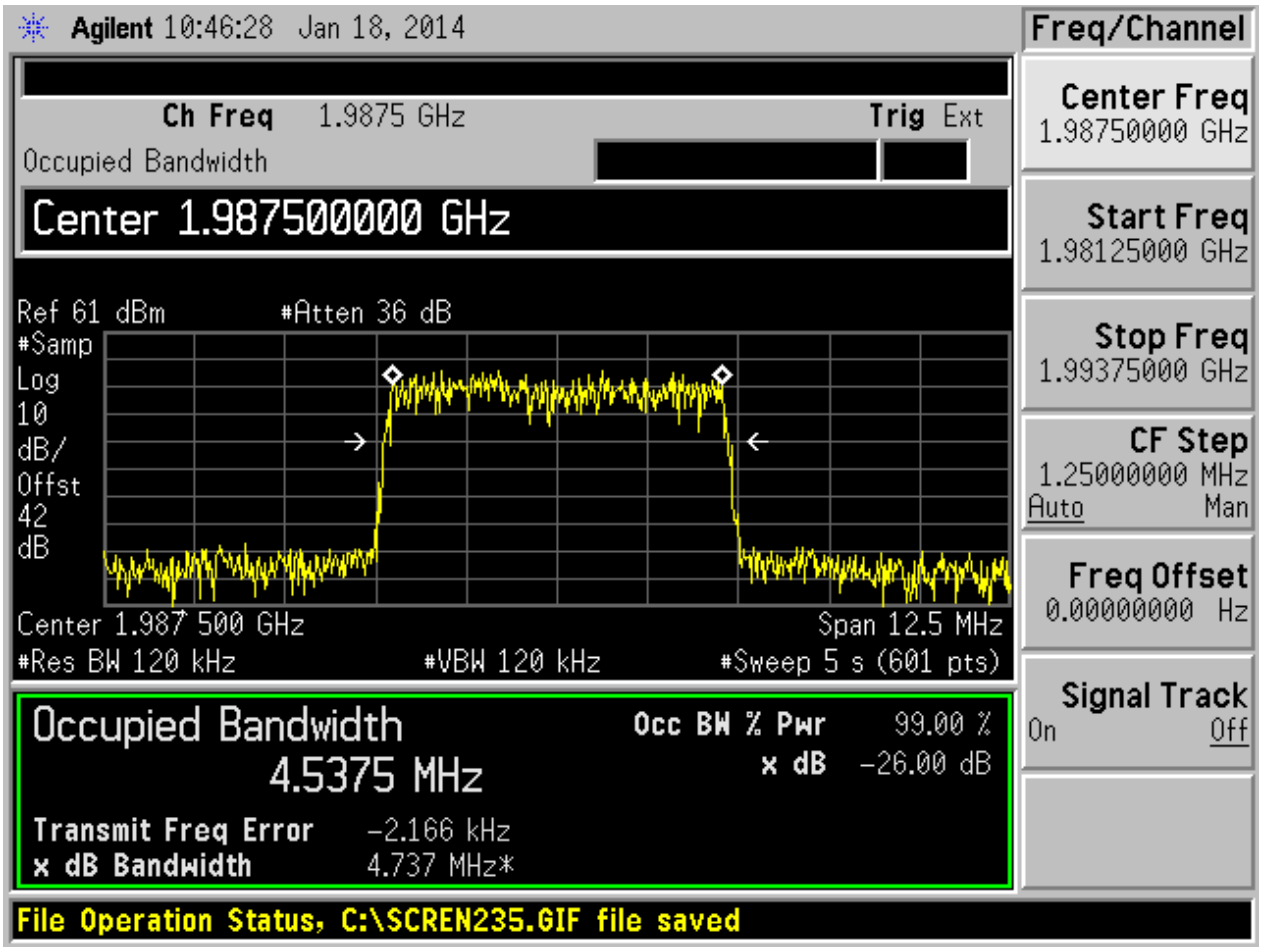
2.1.16 1L_5M_B



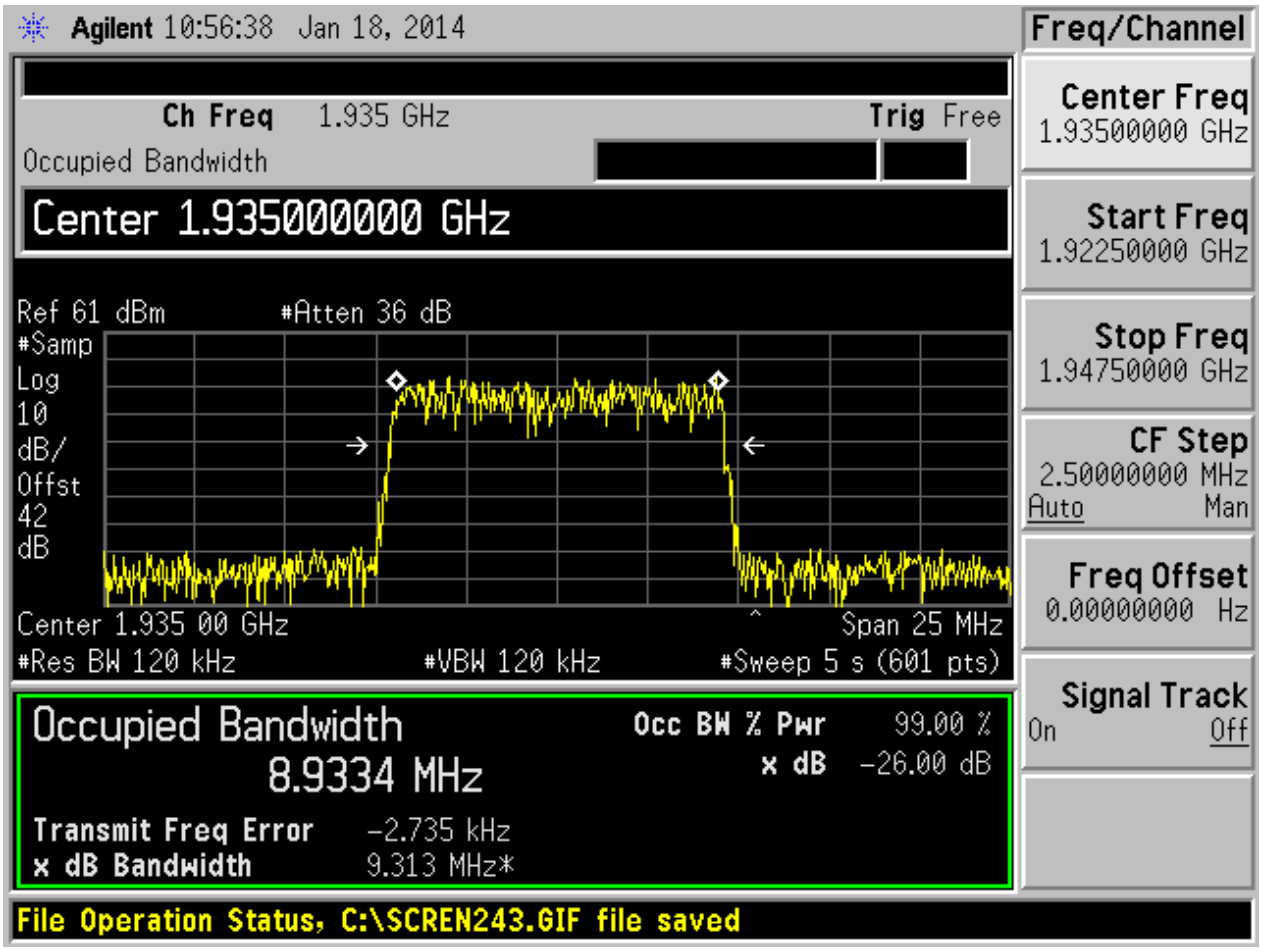
2.1.17 1L_5M_M



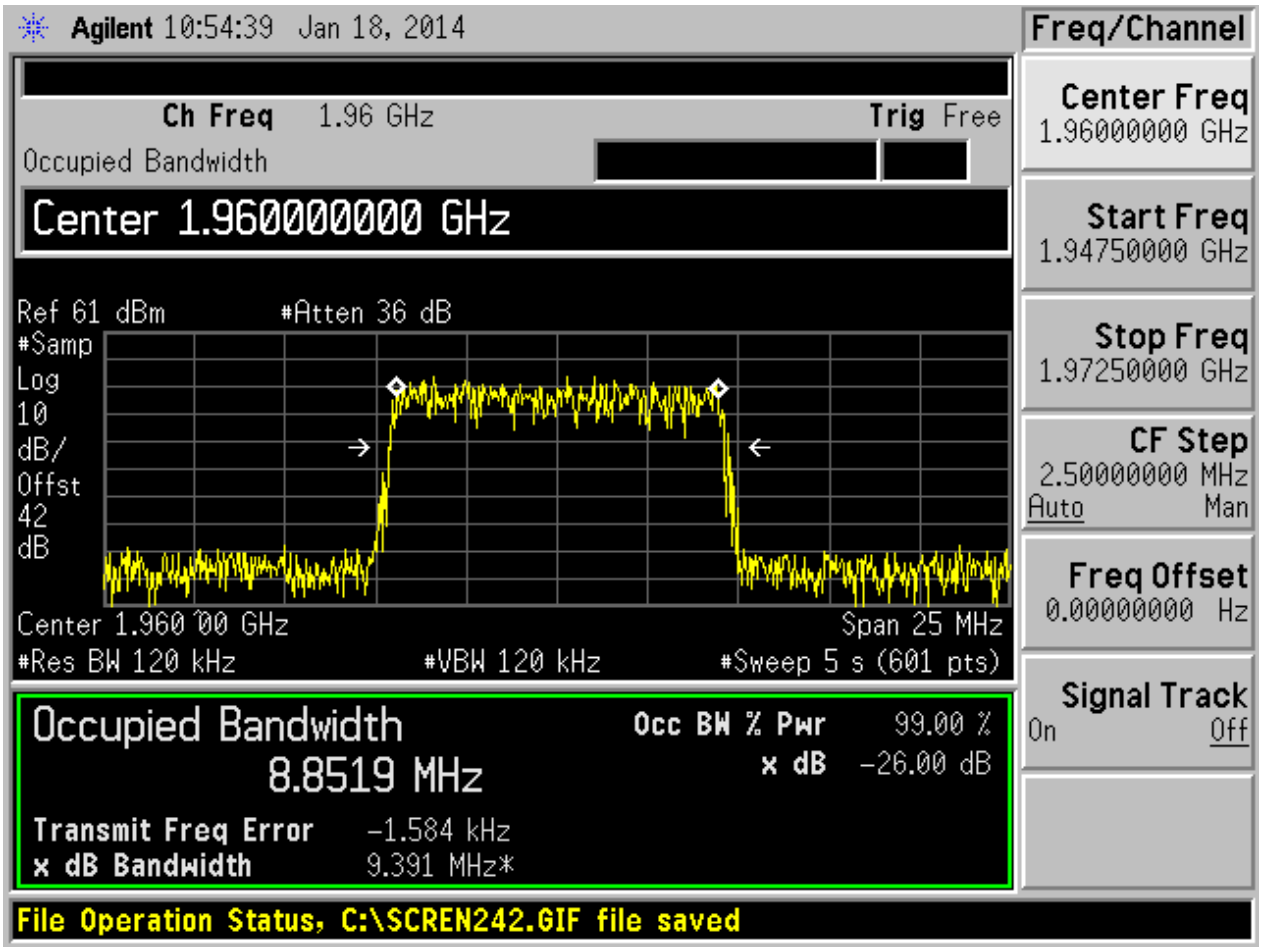
2.1.18 1L_5M_T



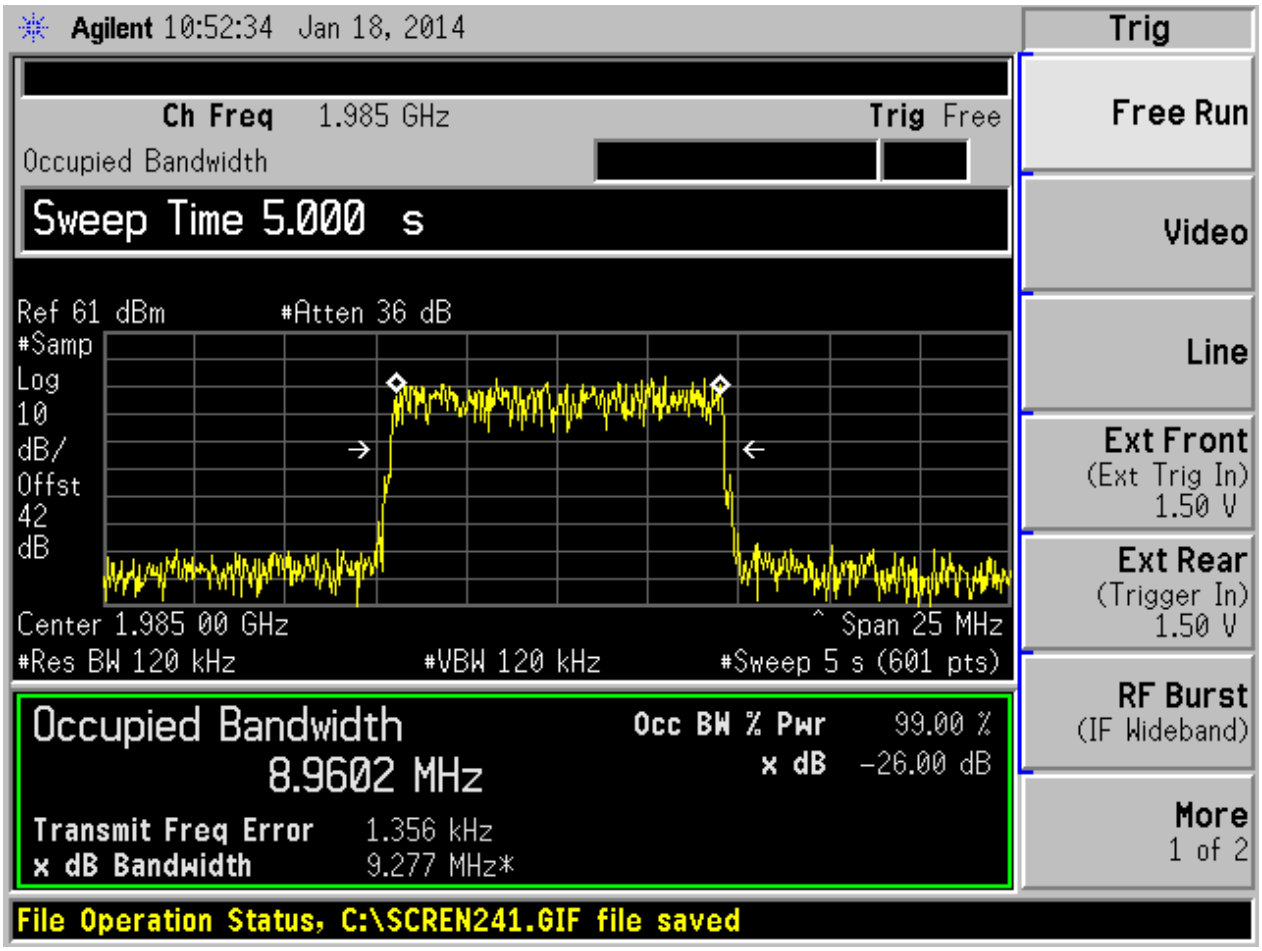
2.1.19 1L_10M_B



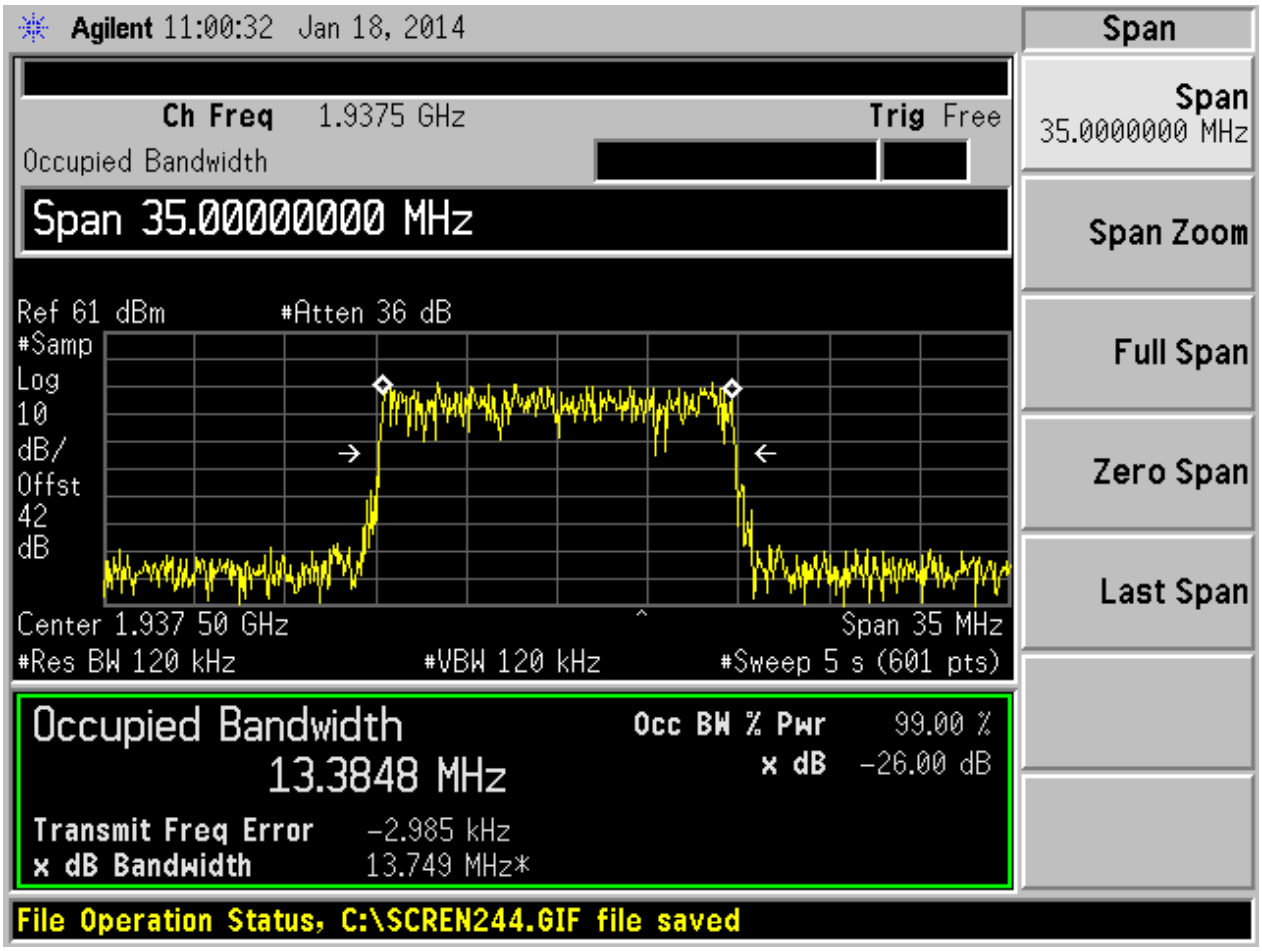
2.1.20 1L_10M_M



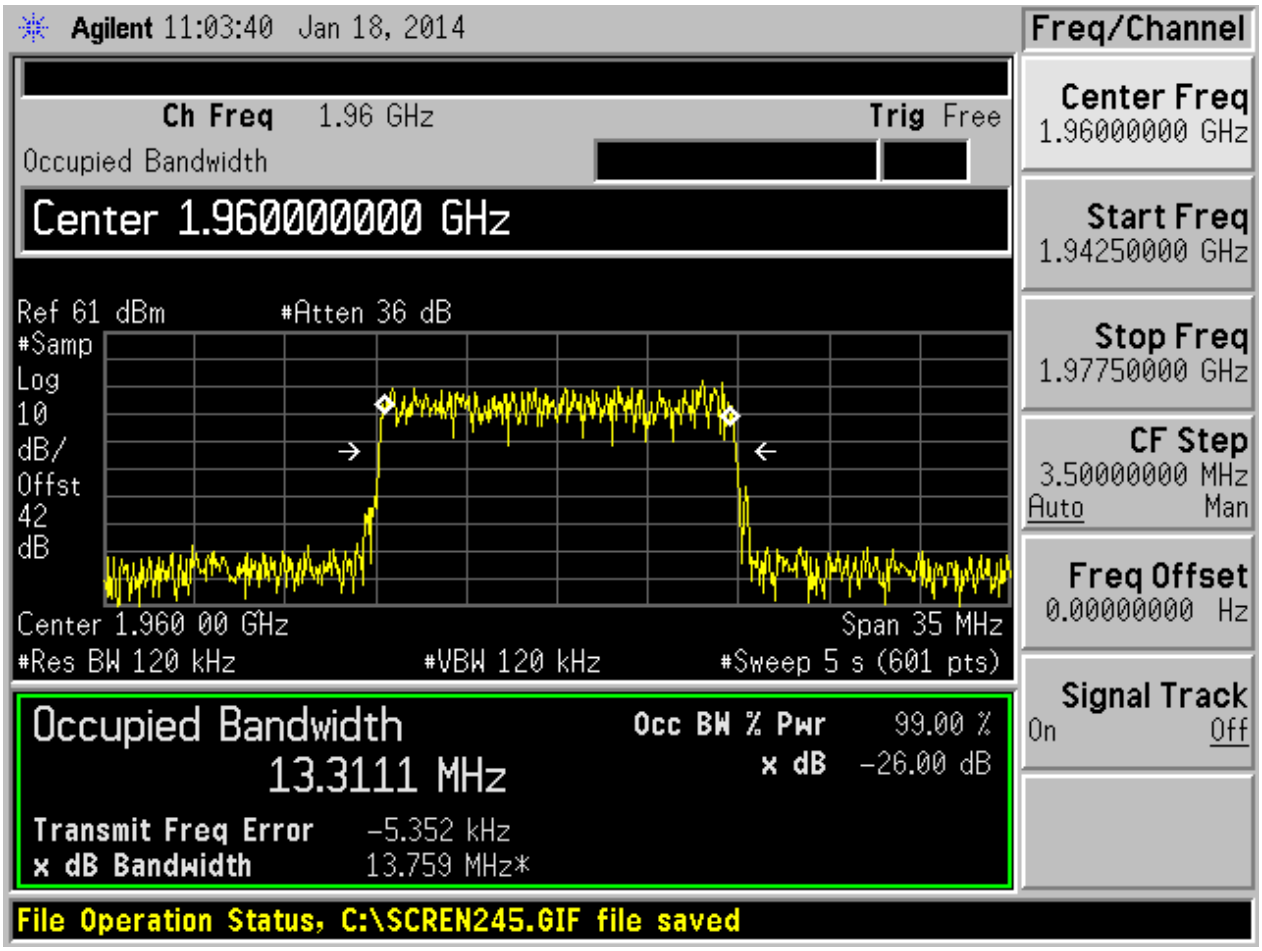
2.1.21 1L_10M_T



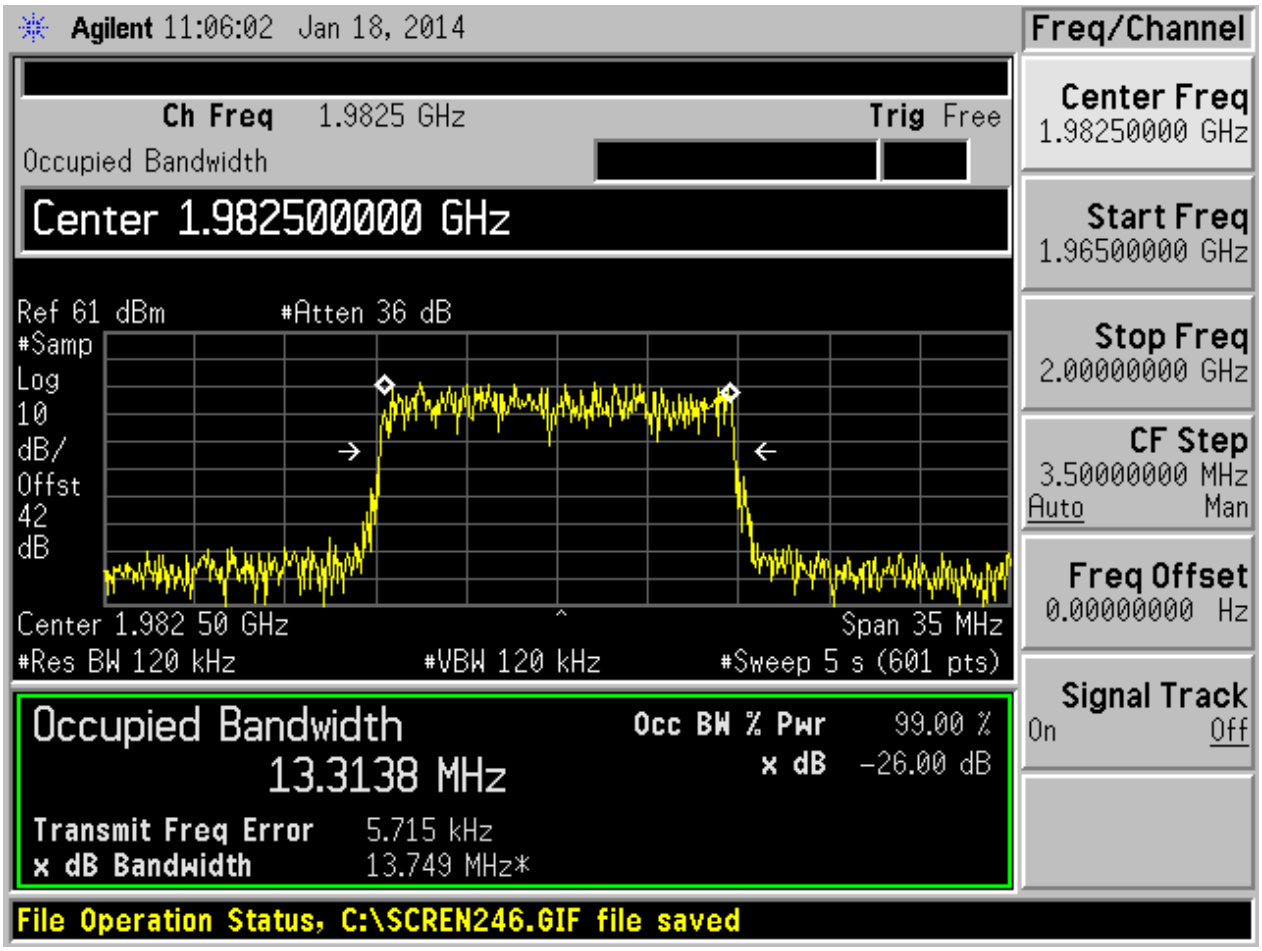
2.1.22 1L_15M_B



2.1.23 1L_15M_M



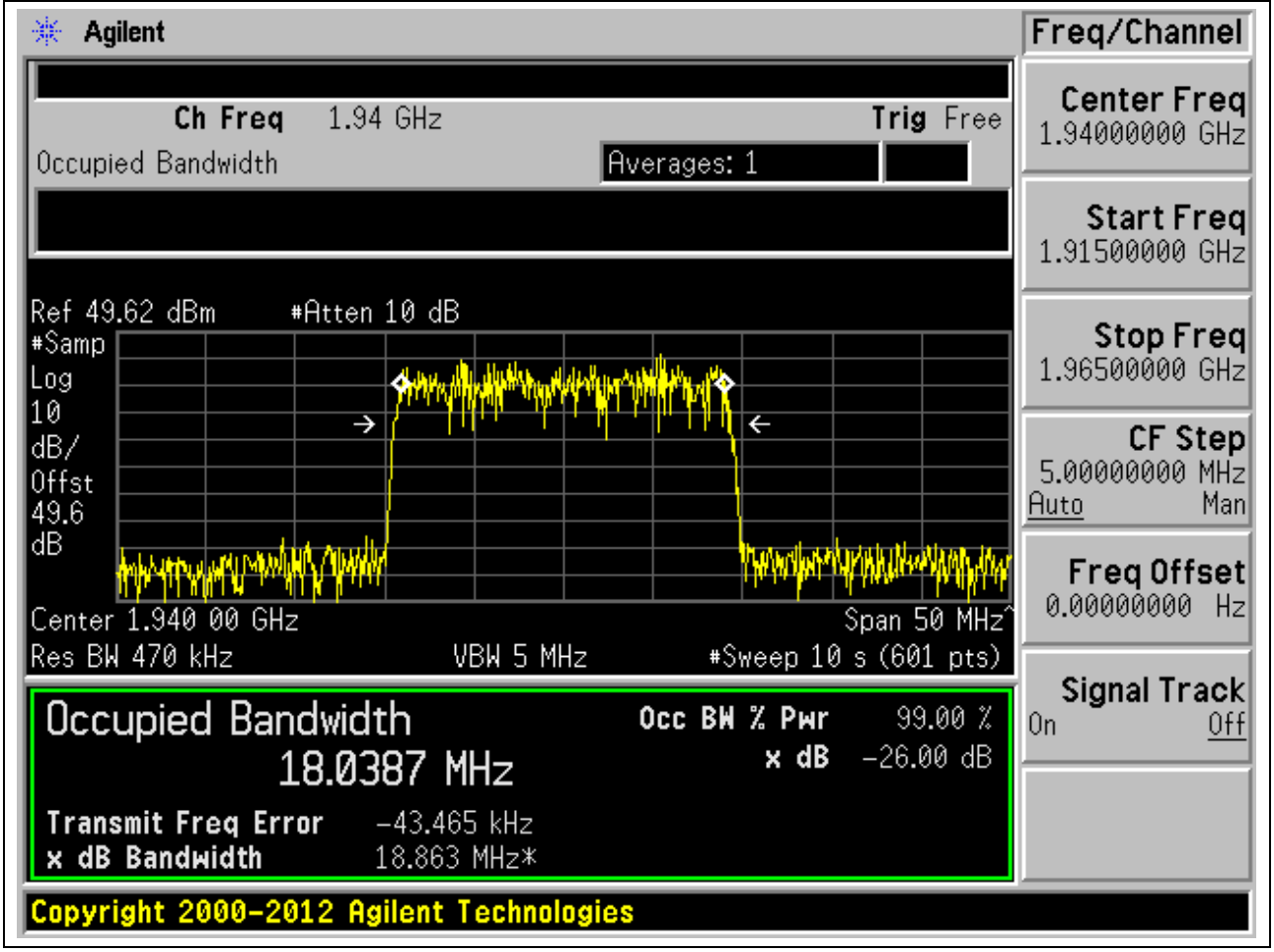
2.1.24 1L_15M_T



2.1.25 1L_20M_B

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1940	99	Auto	RMS	18.03868	No Conclusion

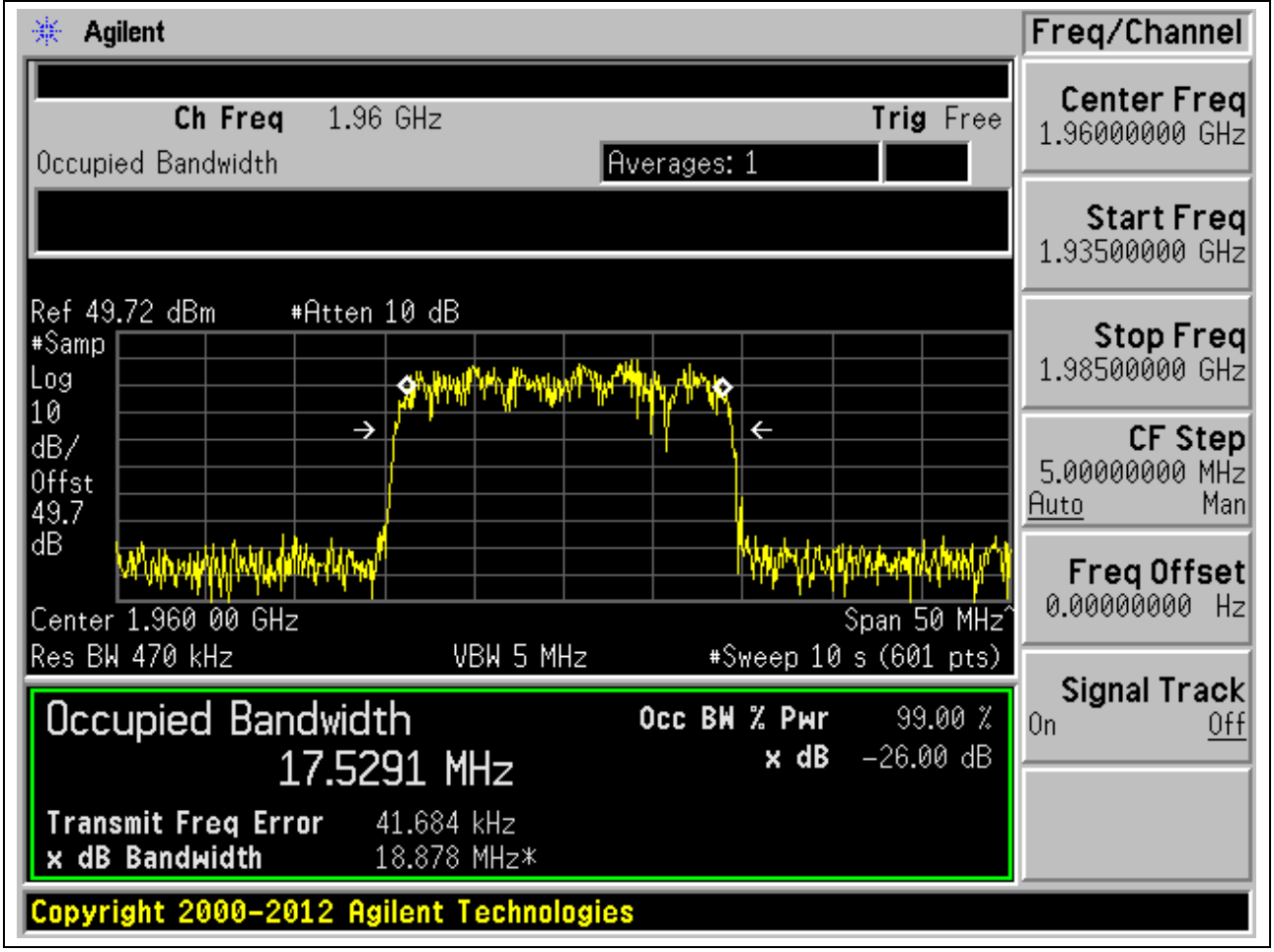
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.1.26 1L_20M_M

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1960	99	Auto	RMS	17.52906	No Conclusion

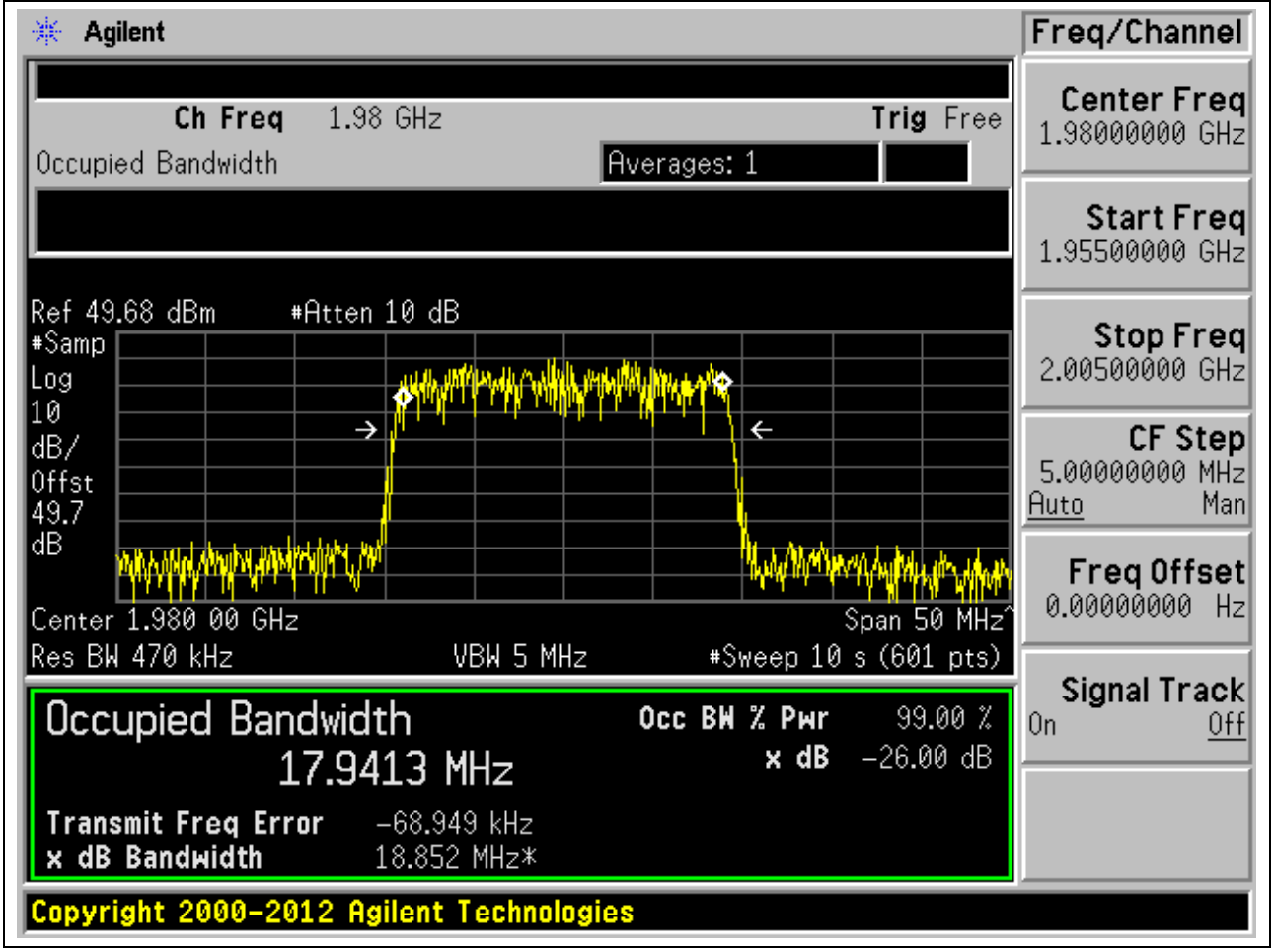
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.1.27 1L_20M_T

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1980	99	Auto	RMS	17.94128	No Conclusion

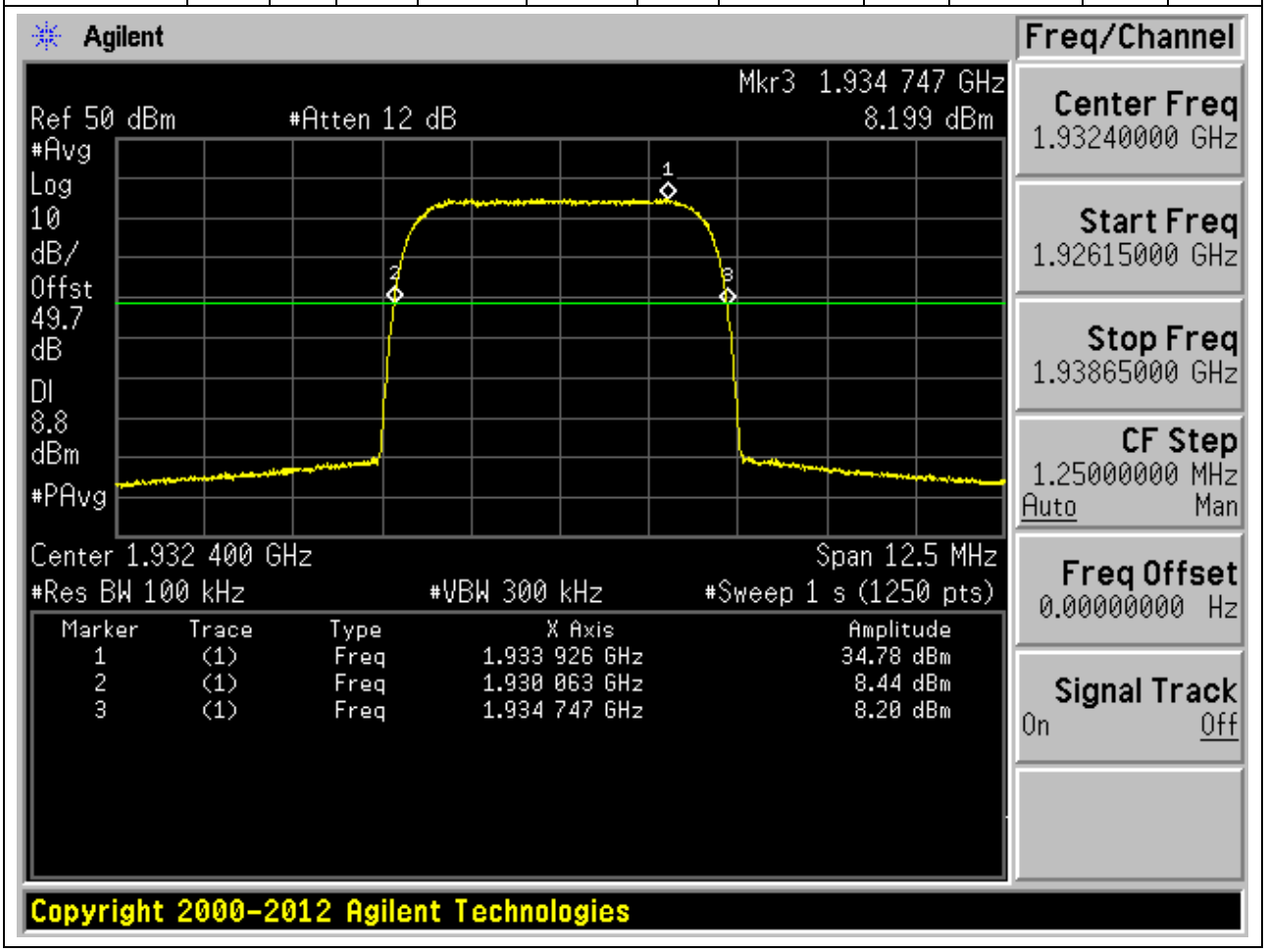
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.2 Emission Bandwidth

2.2.1 1U_B

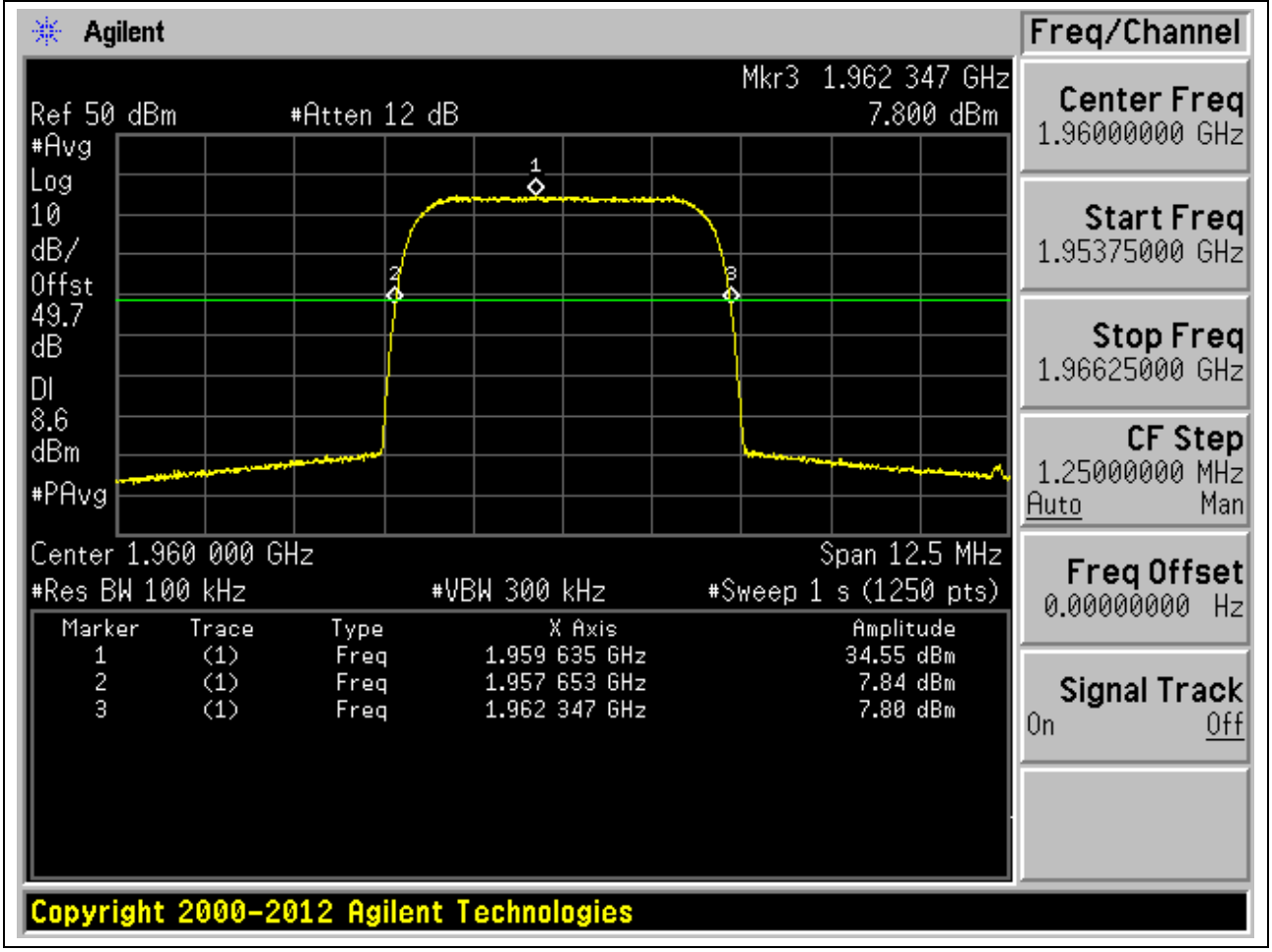
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
1932.4	12.5	26	0.1	RMS	4.683776	---	1930.063104	1930	1934.74688	1990	---



2.2.2 1U_M

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
1960	12.5	26	0.1	RMS	4.6937	---	1957.653	1930	1962.346	1990	---

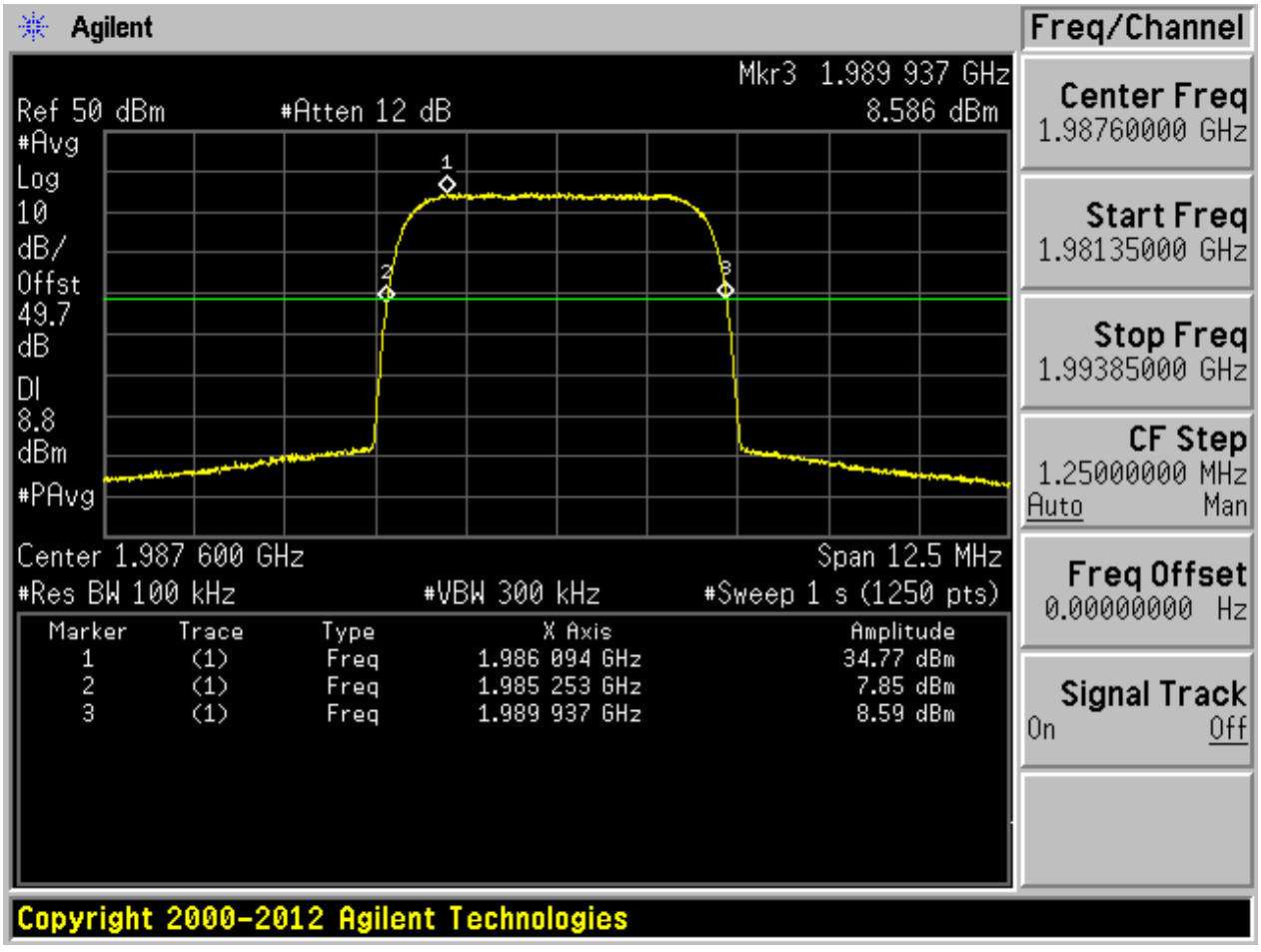
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
					6		12		88		



2.2.3 1U_T

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
1987.6	12.5	26	0.1	RMS	4.683776	---	1985.25312	1930	1989.936896	1990	---

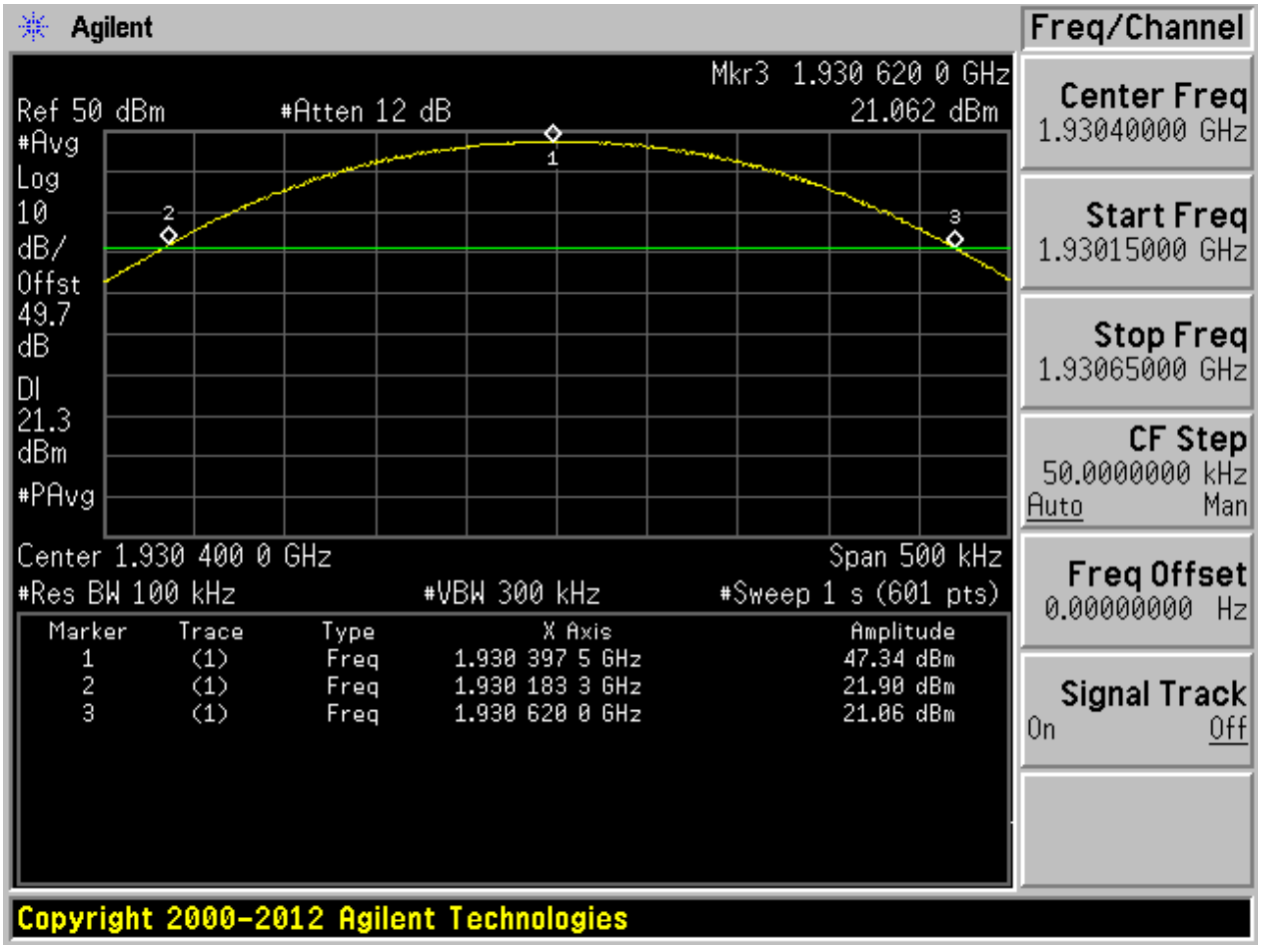
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



2.2.4 1G_GMSK_B

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
1930.4	0.5	26	0.1	RMS	0.436736	---	1930.183296	1930	1930.620032	1990	---

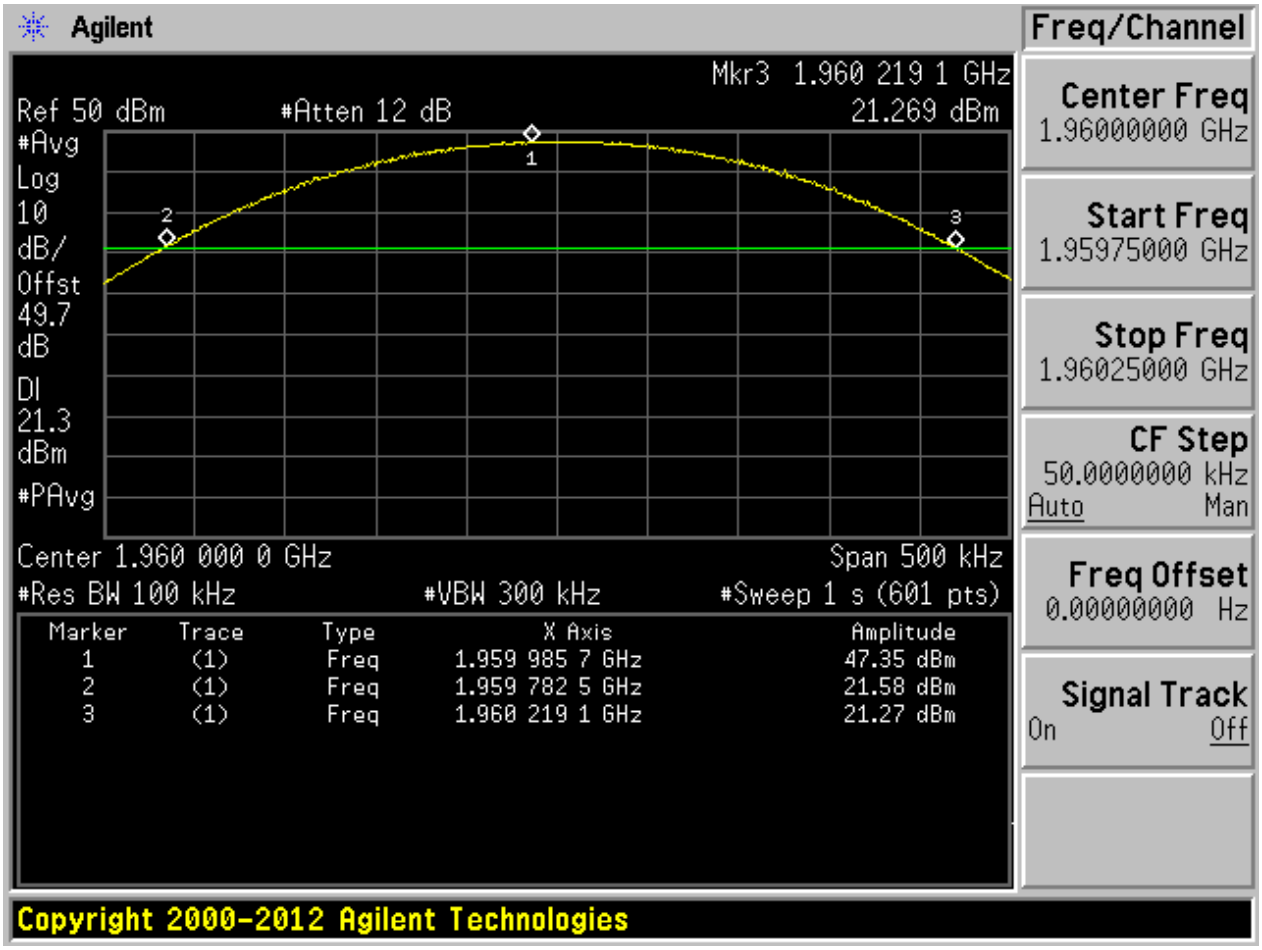
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



2.2.5 1G_GMSK_M

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
1960	0.5	26	0.1	RMS	0.436608	---	1959.782528	1930	1960.219136	1990	---

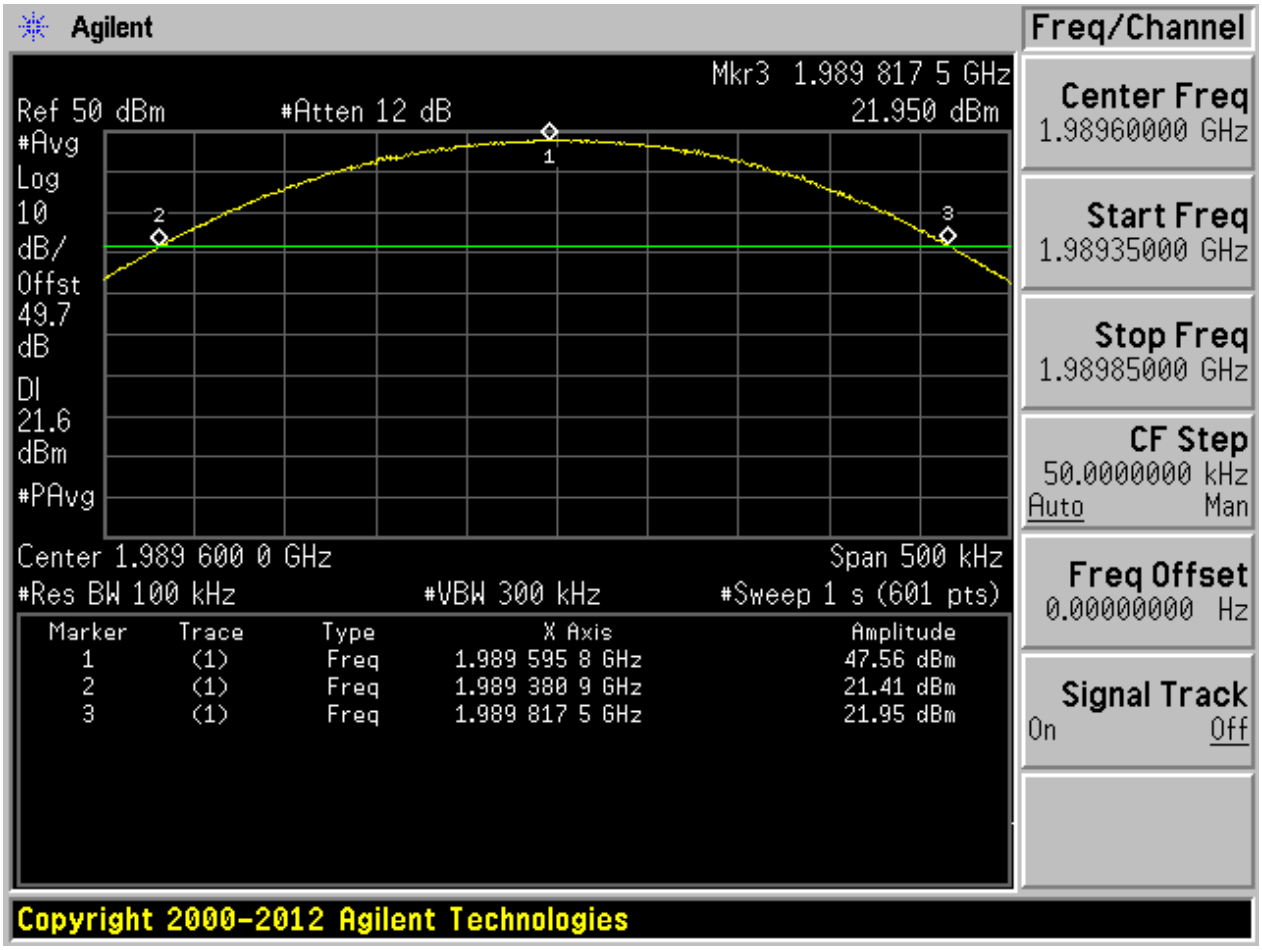
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



2.2.6 1G_GMSK_T

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
1989.6	0.5	26	0.1	RMS	0.436608	---	1989.380864	1930	1989.817472	1990	---

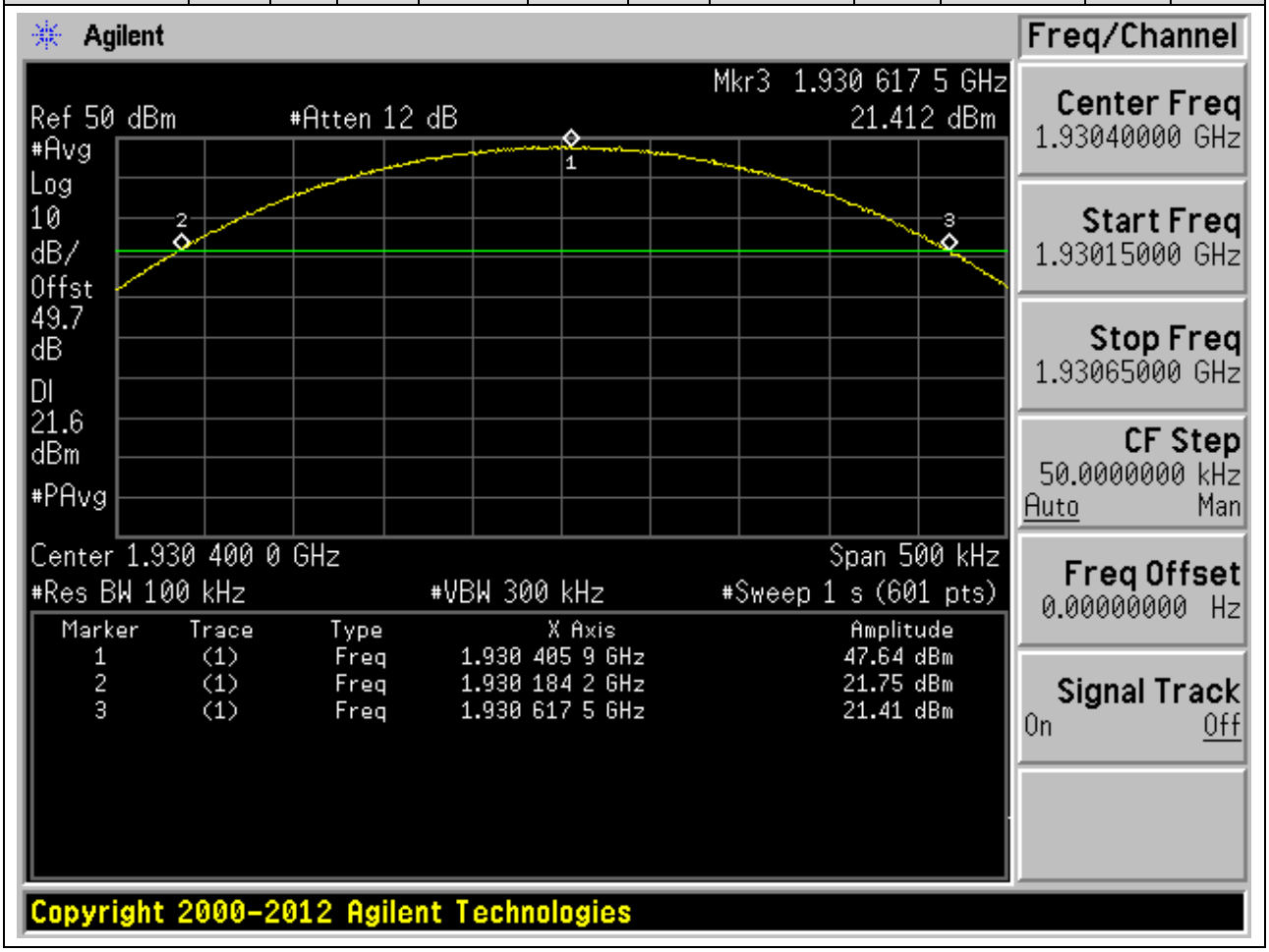
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



2.2.7 1G_8PSK_B

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
1930.4	0.5	26	0.1	RMS	0.43328	---	1930.184192	1930	1930.617472	1990	---

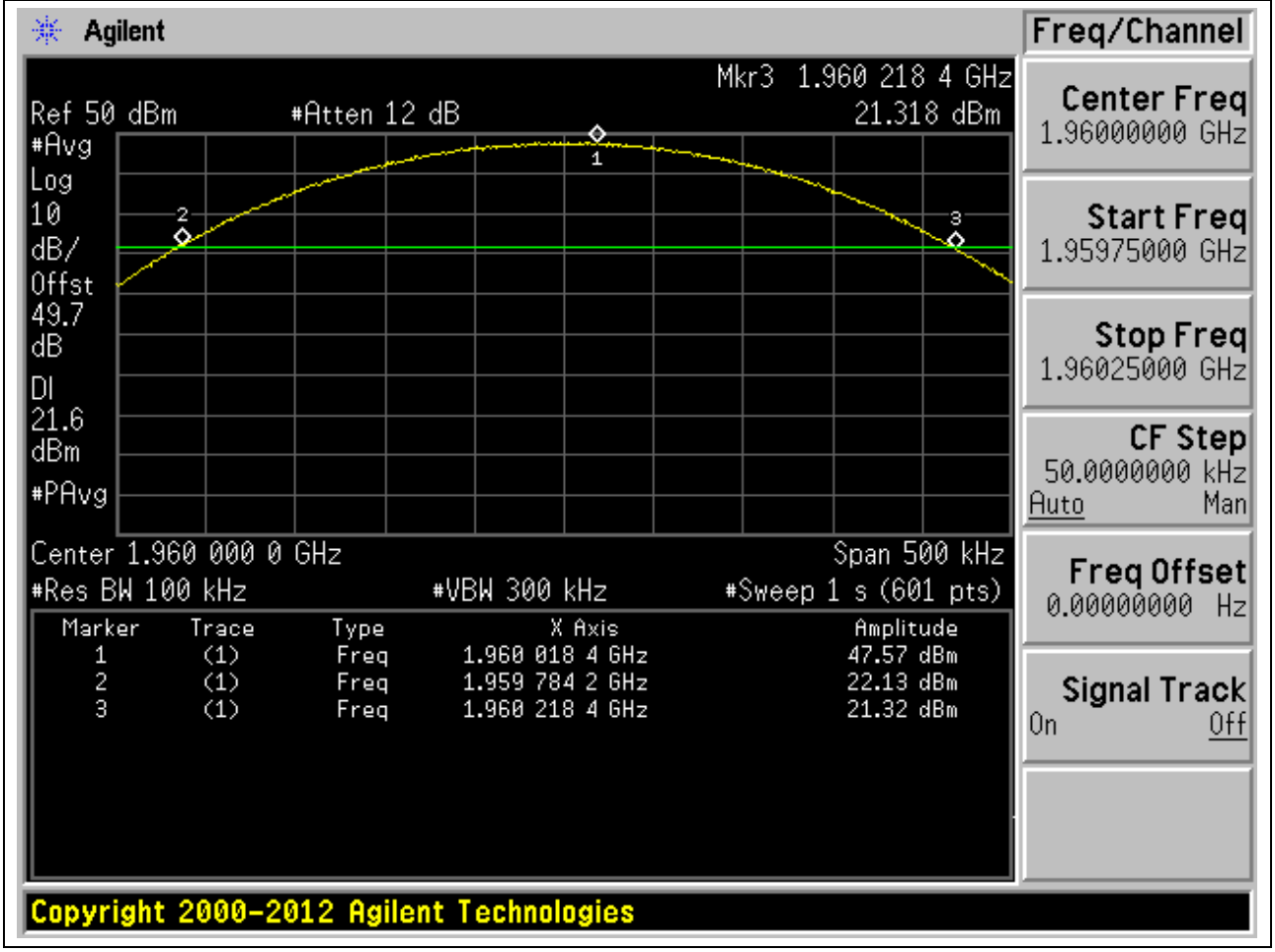
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



2.2.8 1G_8PSK_M

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
1960	0.5	26	0.1	RMS	0.434176	---	1959.784192	1930	1960.218368	1990	---

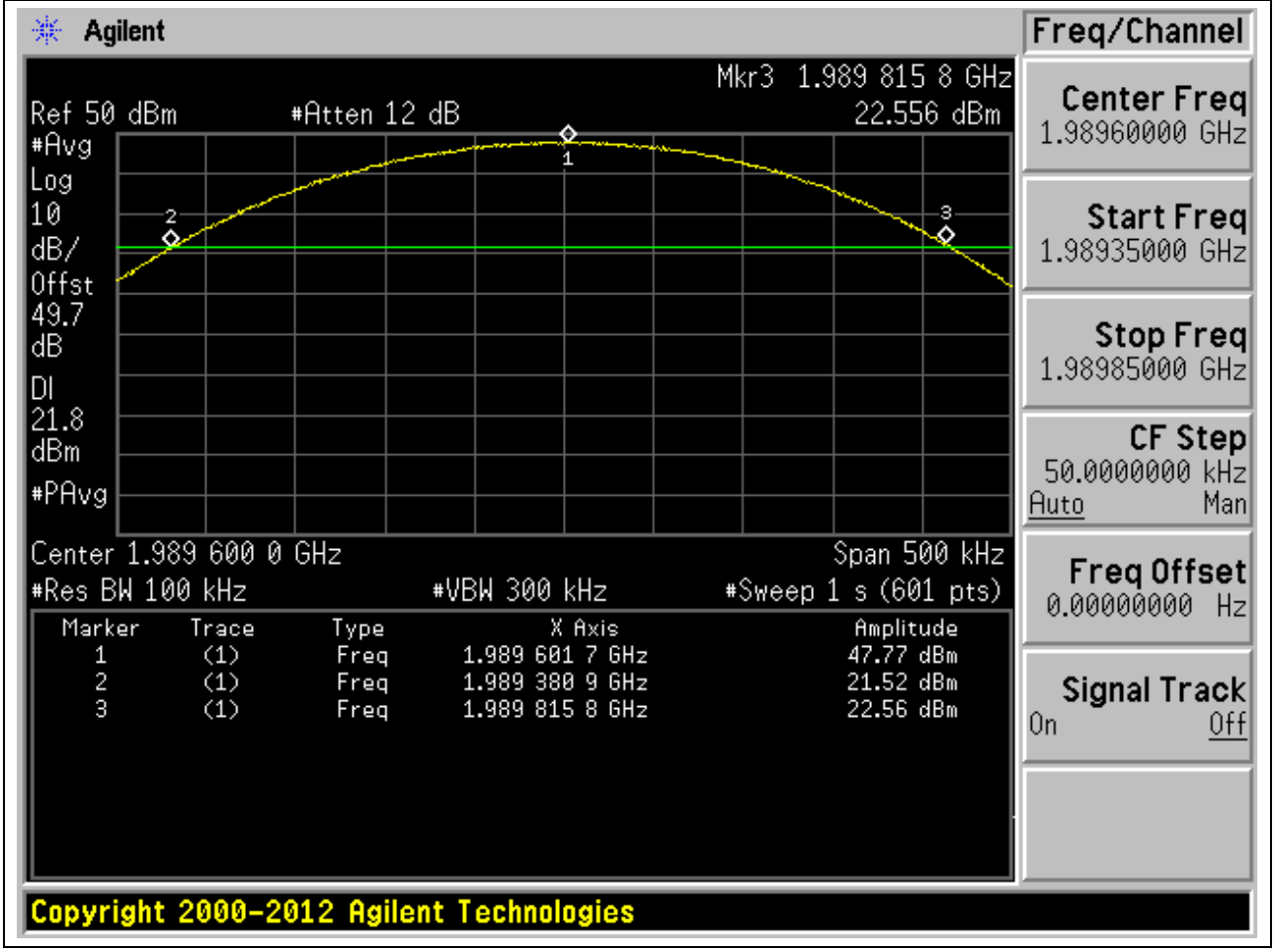
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



2.2.9 1G_8PSK_T

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
1989.6	0.5	26	0.1	RMS	0.434944	---	1989.380864	1930	1989.815808	1990	---

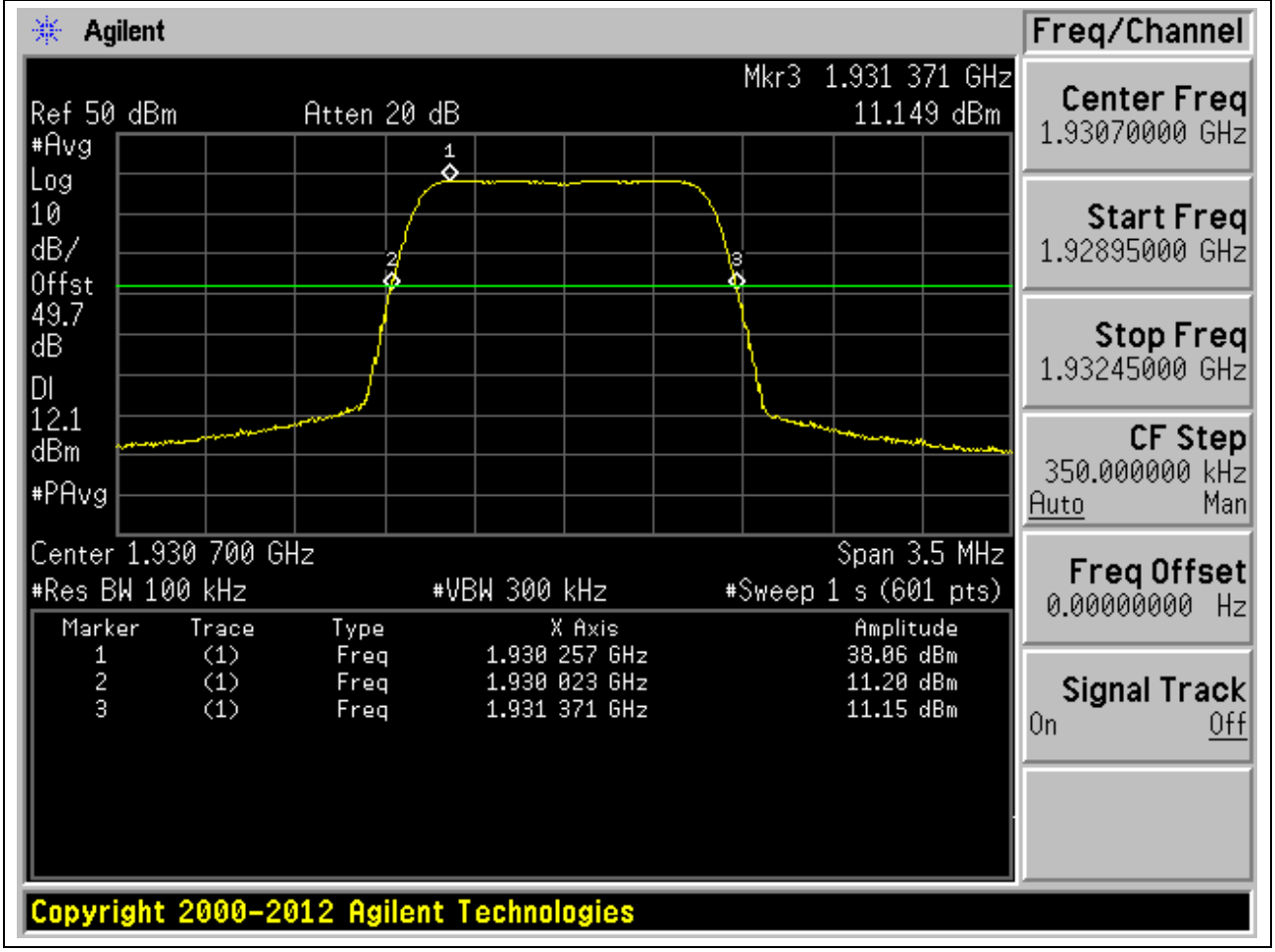
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



2.2.10 1L_1M4_B

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
1930.7	3.5	26	0.1	RMS	1.347584	---	1930.023296	1930	1931.37088	1990	---

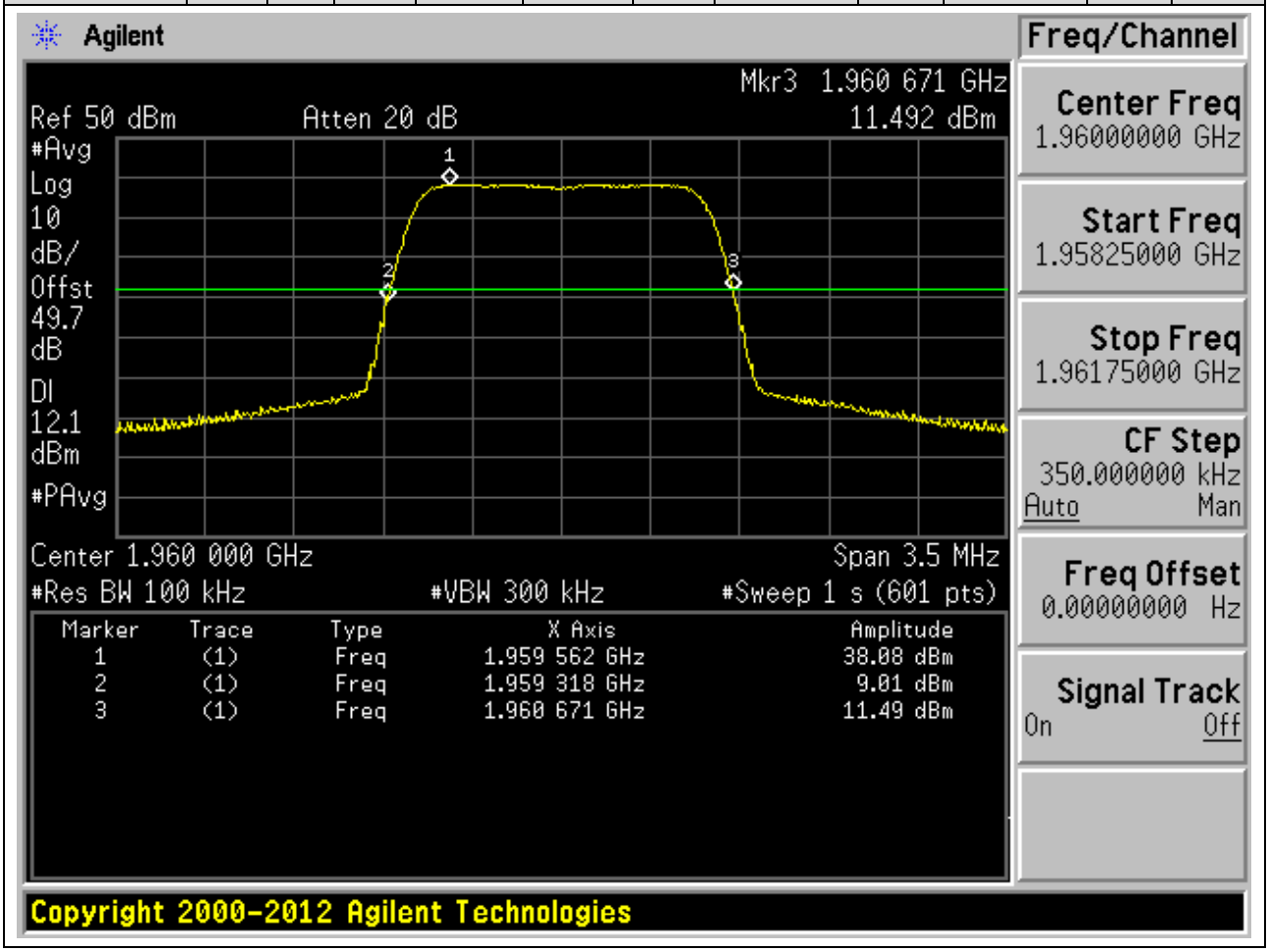
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



2.2.11 1L_1M4_M

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
1960	3.5	26	0.1	RMS	1.353344	---	1959.317504	1930	1960.670848	1990	---

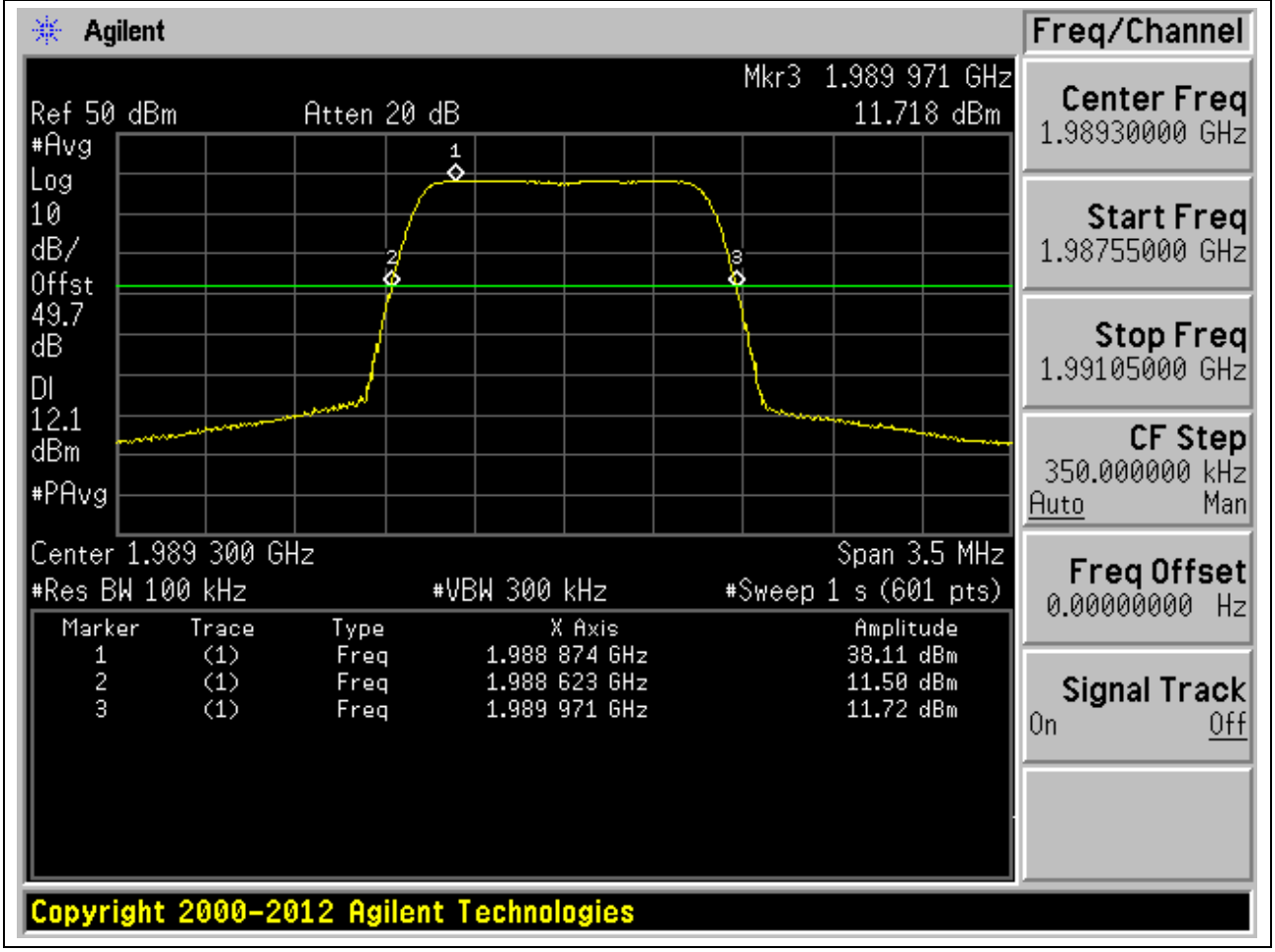
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



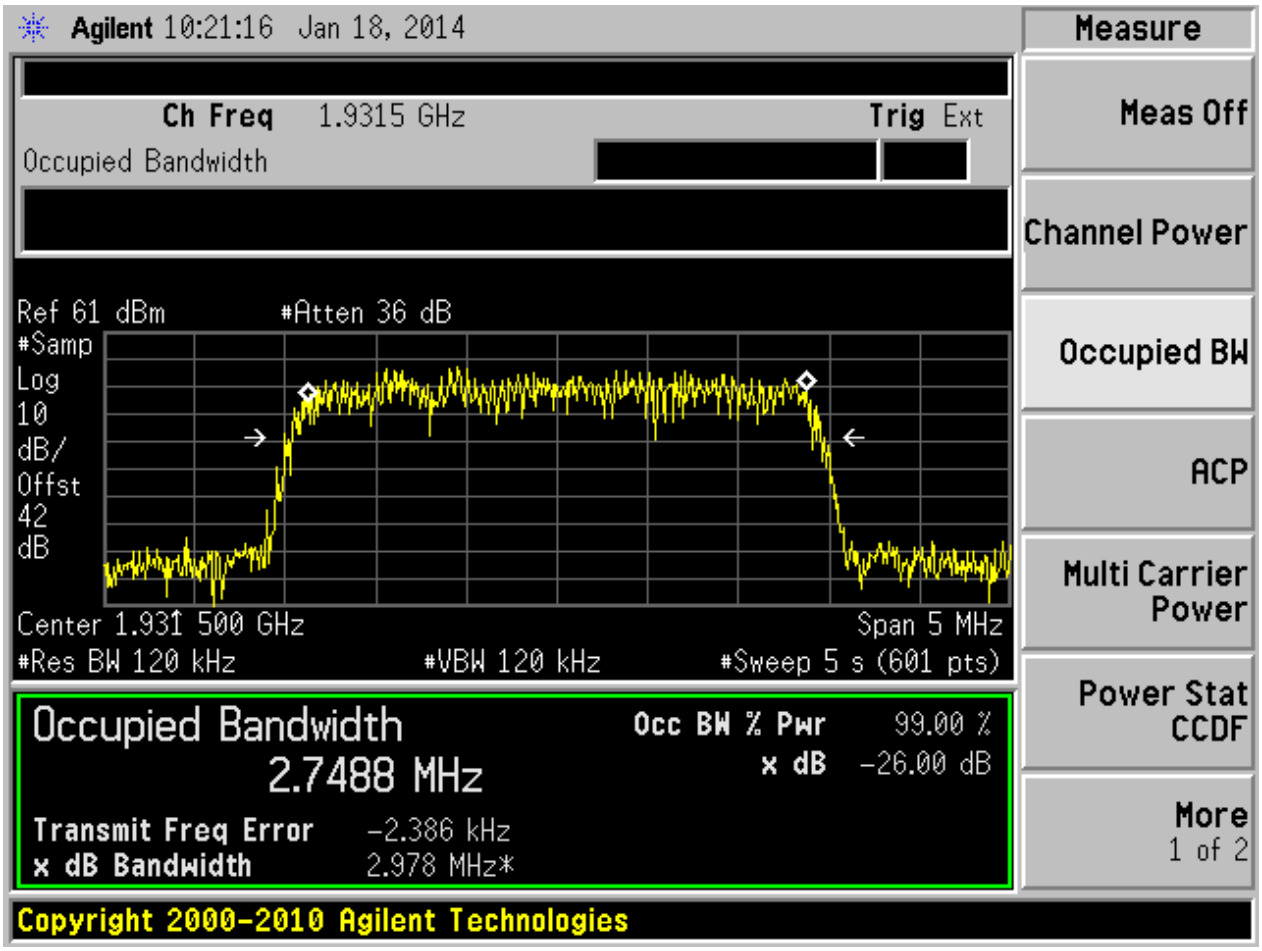
2.2.12 1L_1M4_T

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
1989.3	3.5	26	0.1	RMS	1.347456	---	1988.62336	1930	1989.970816	1990	---

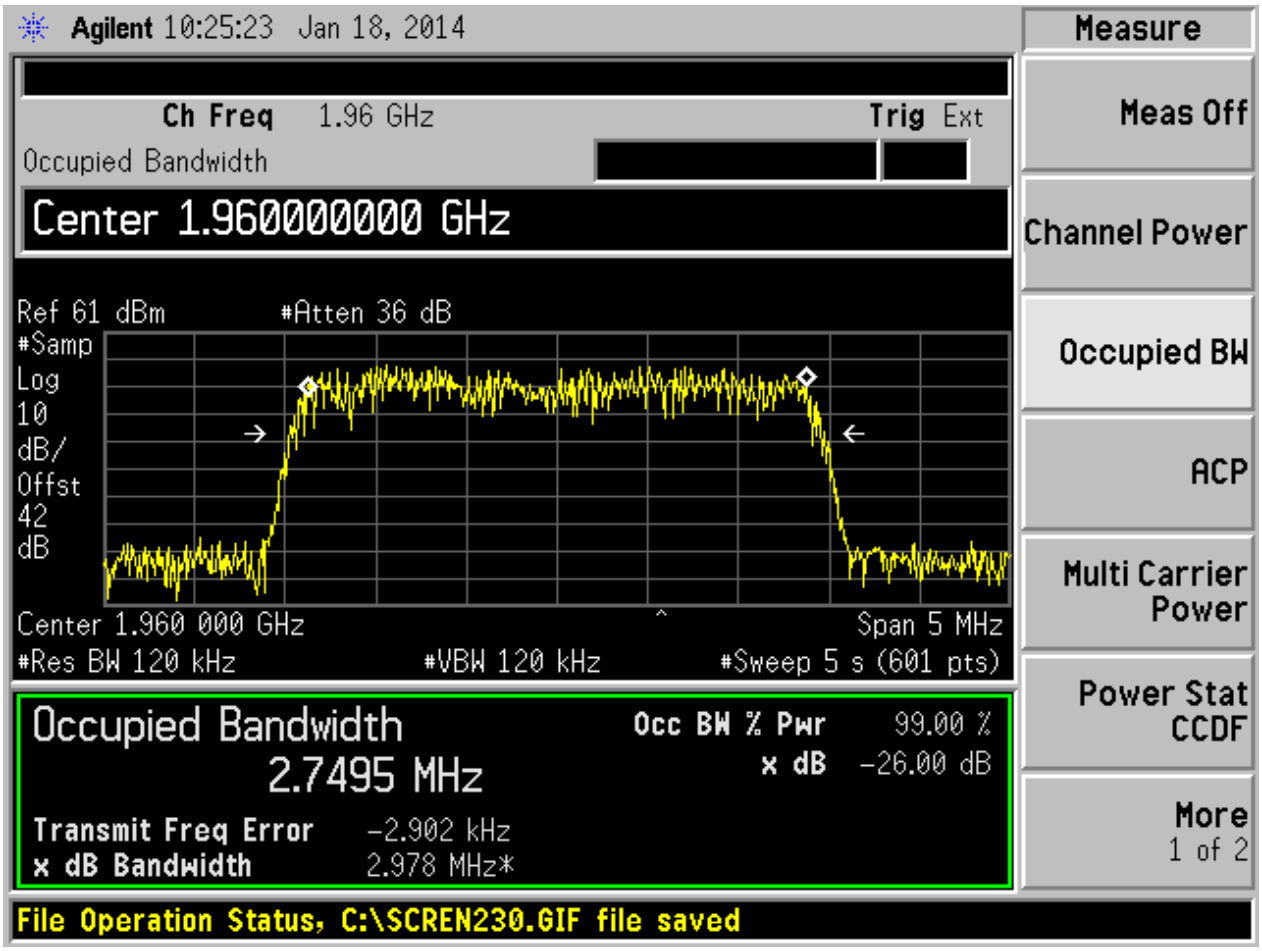
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



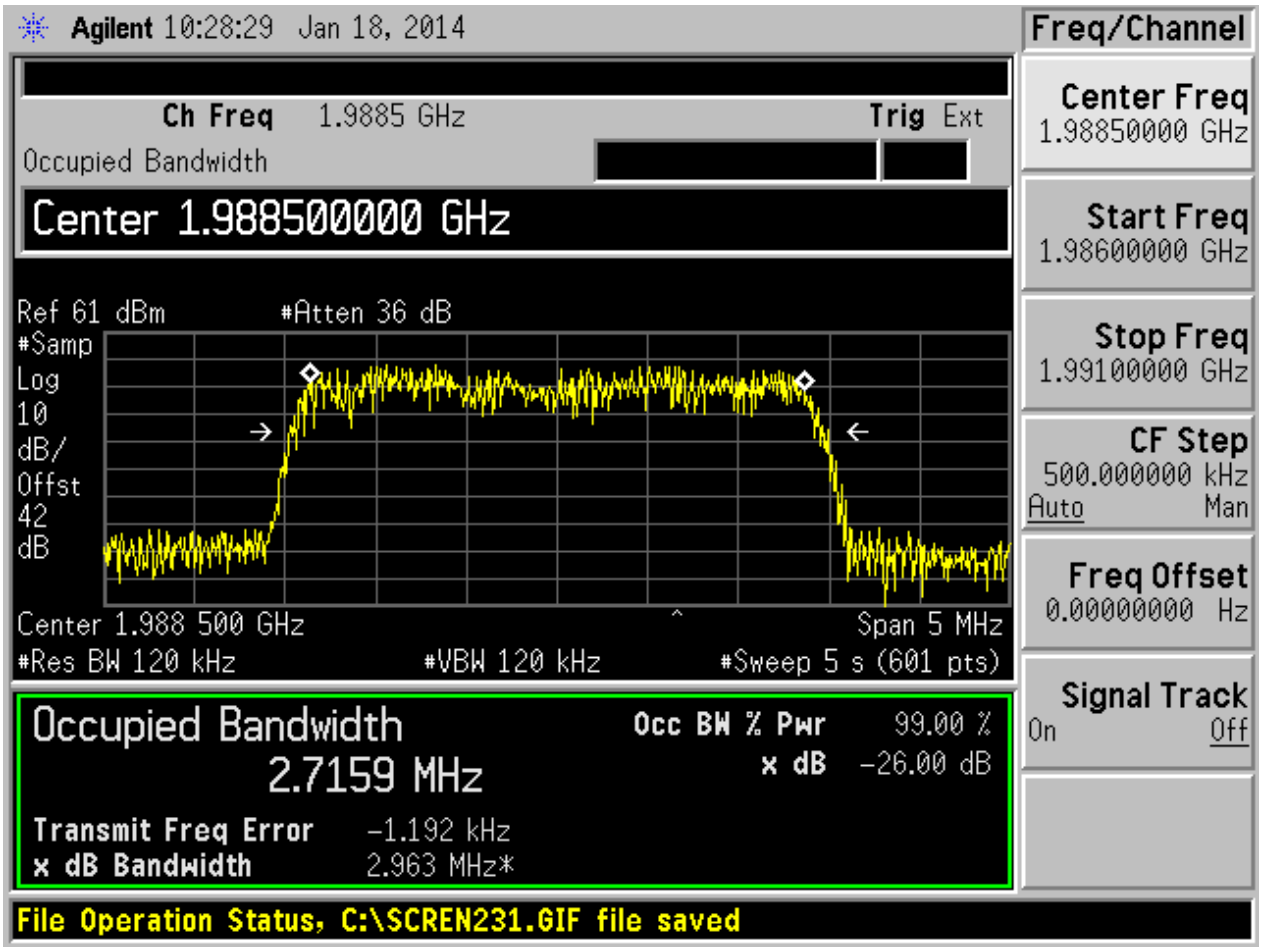
2.2.13 1L_3M_B



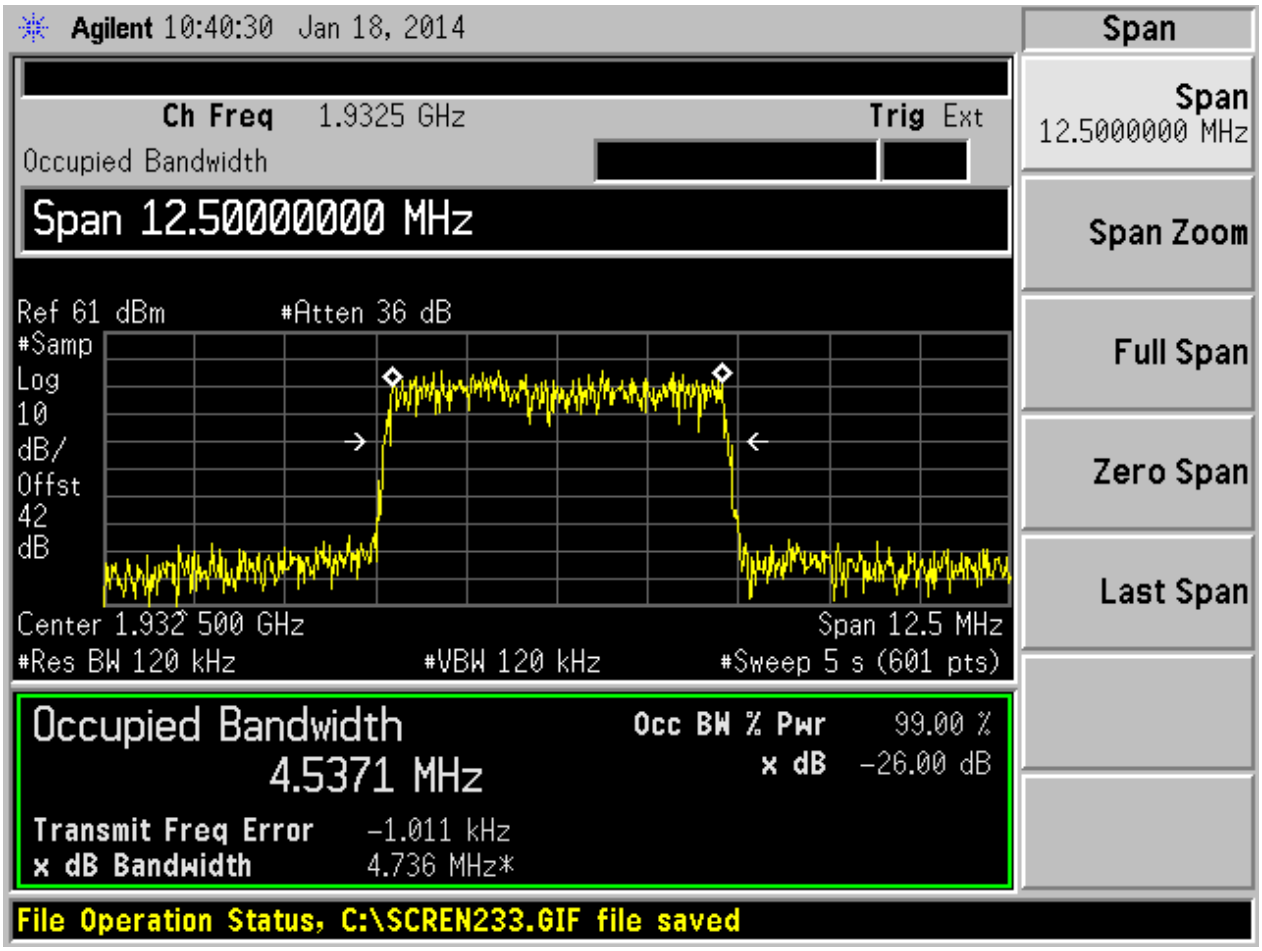
2.2.14 1L_3M_M



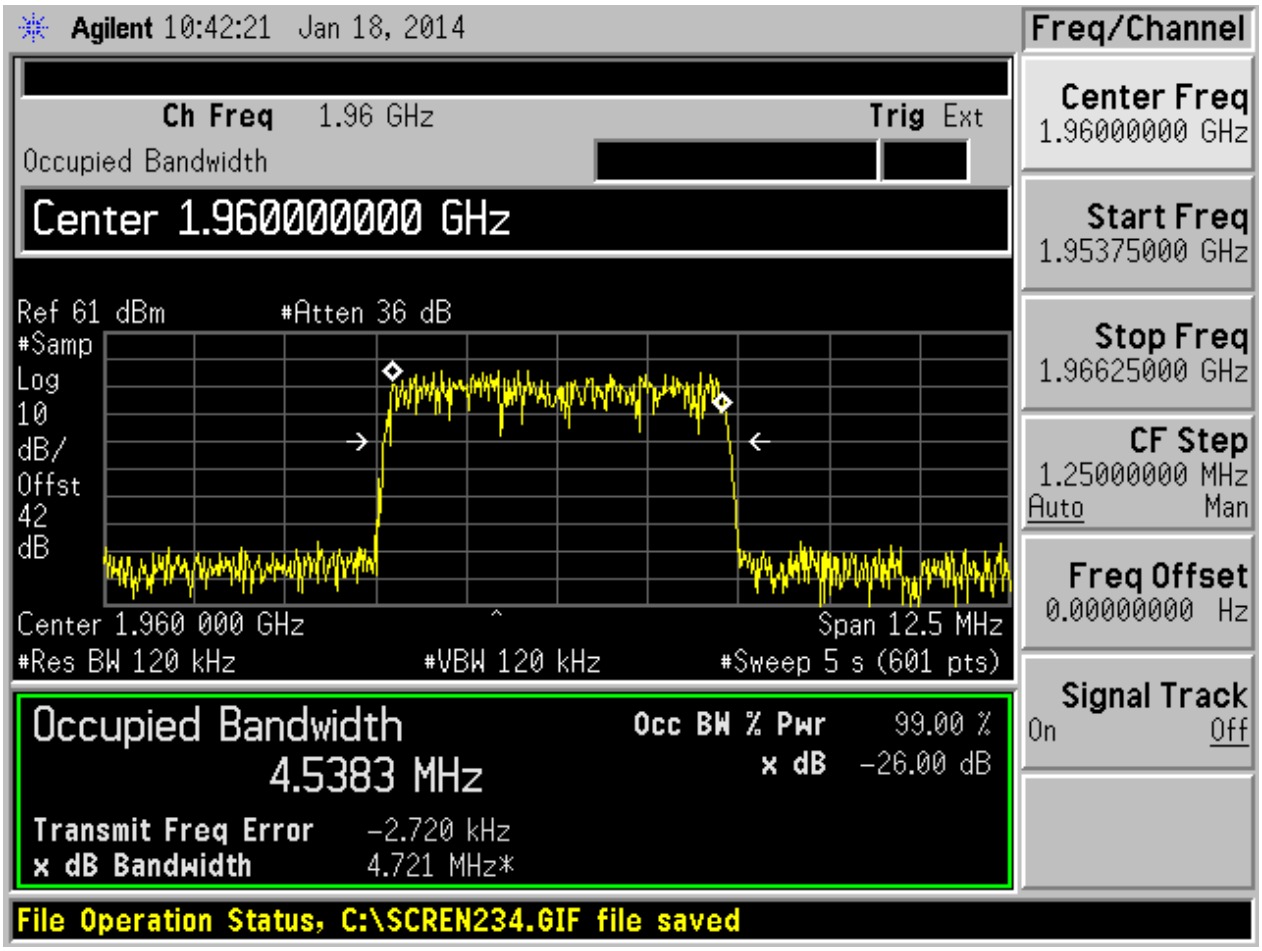
2.2.15 1L_3M_T



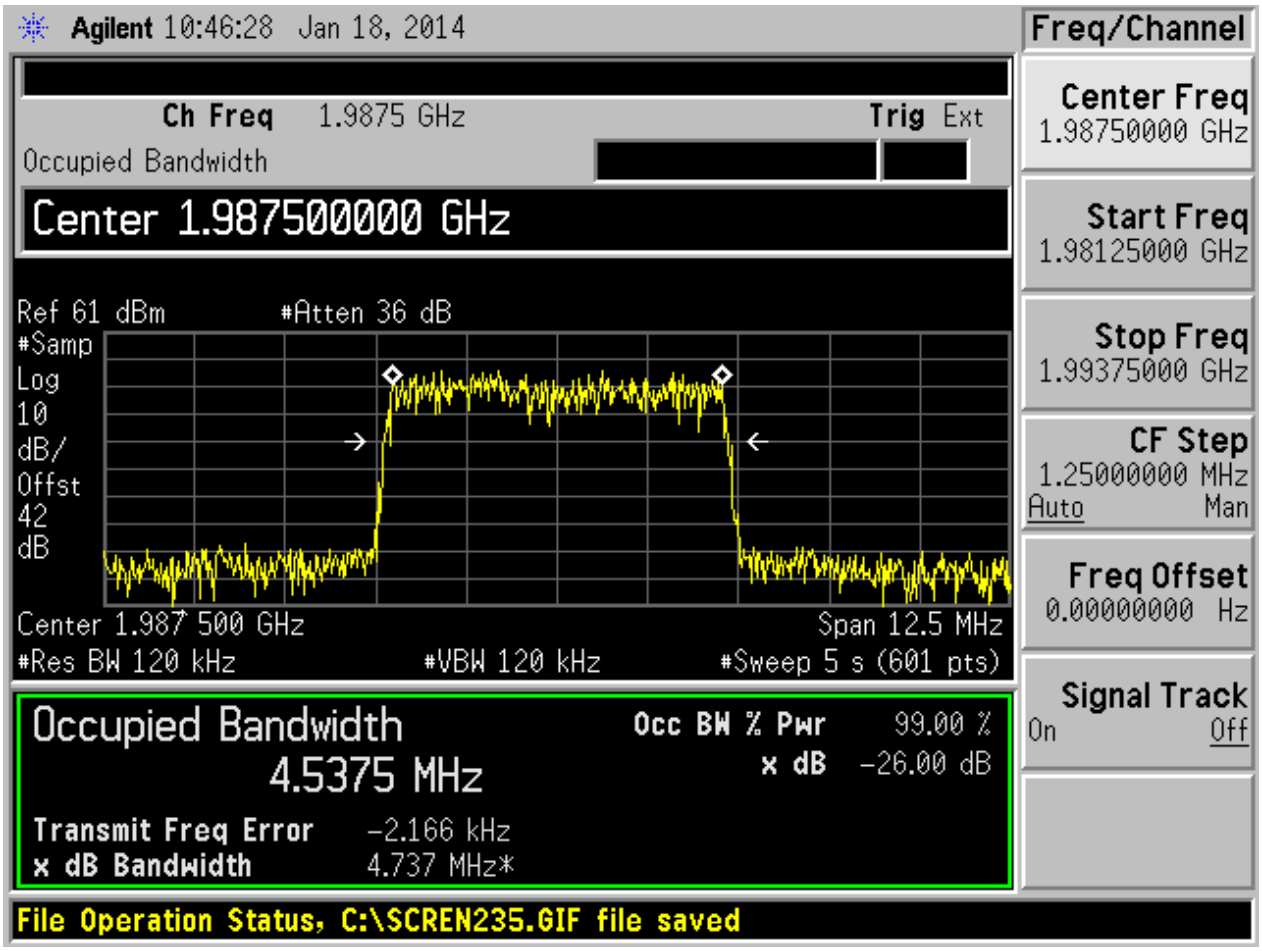
2.2.16 1L_5M_B



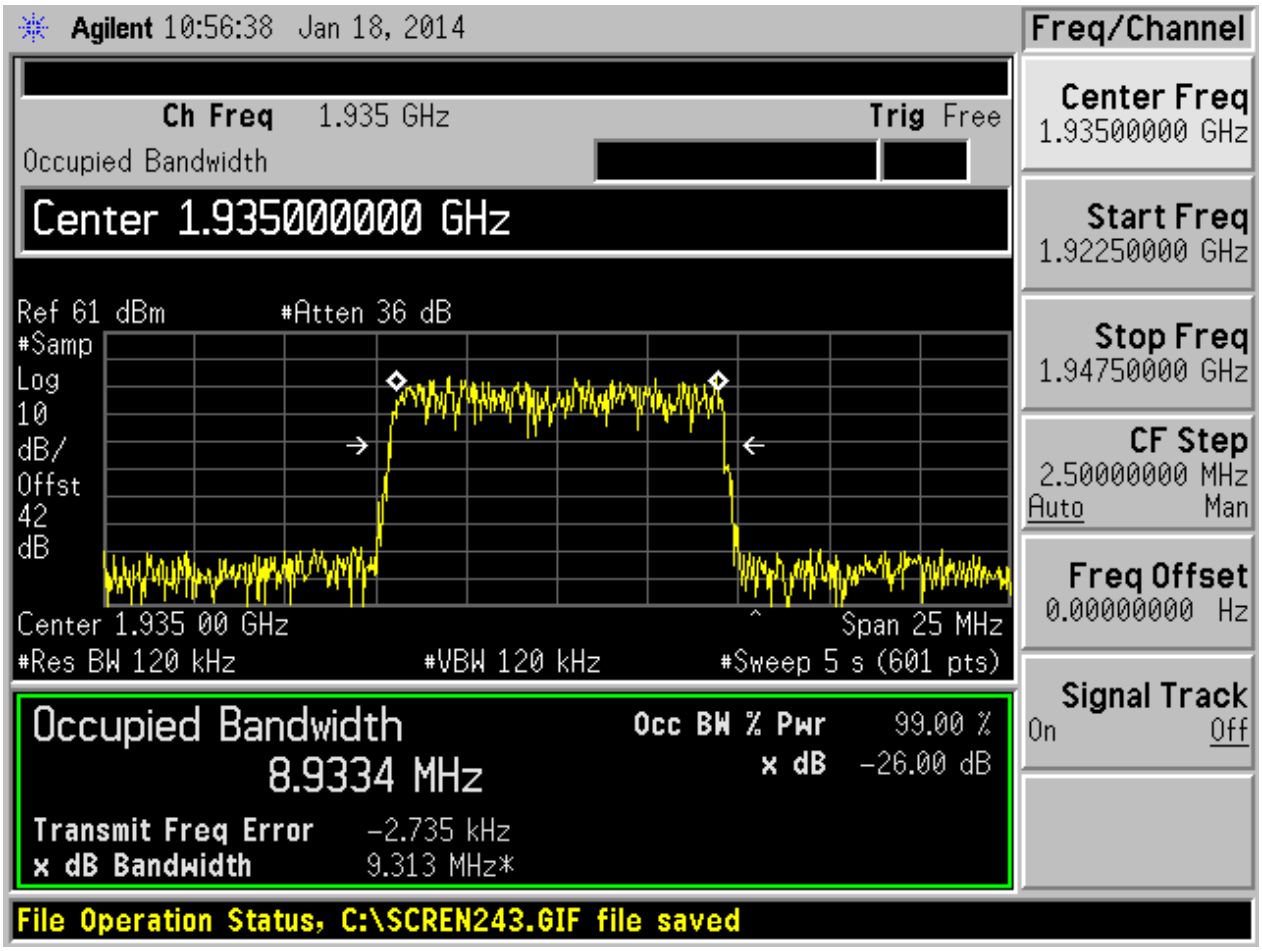
2.2.17 1L_5M_M



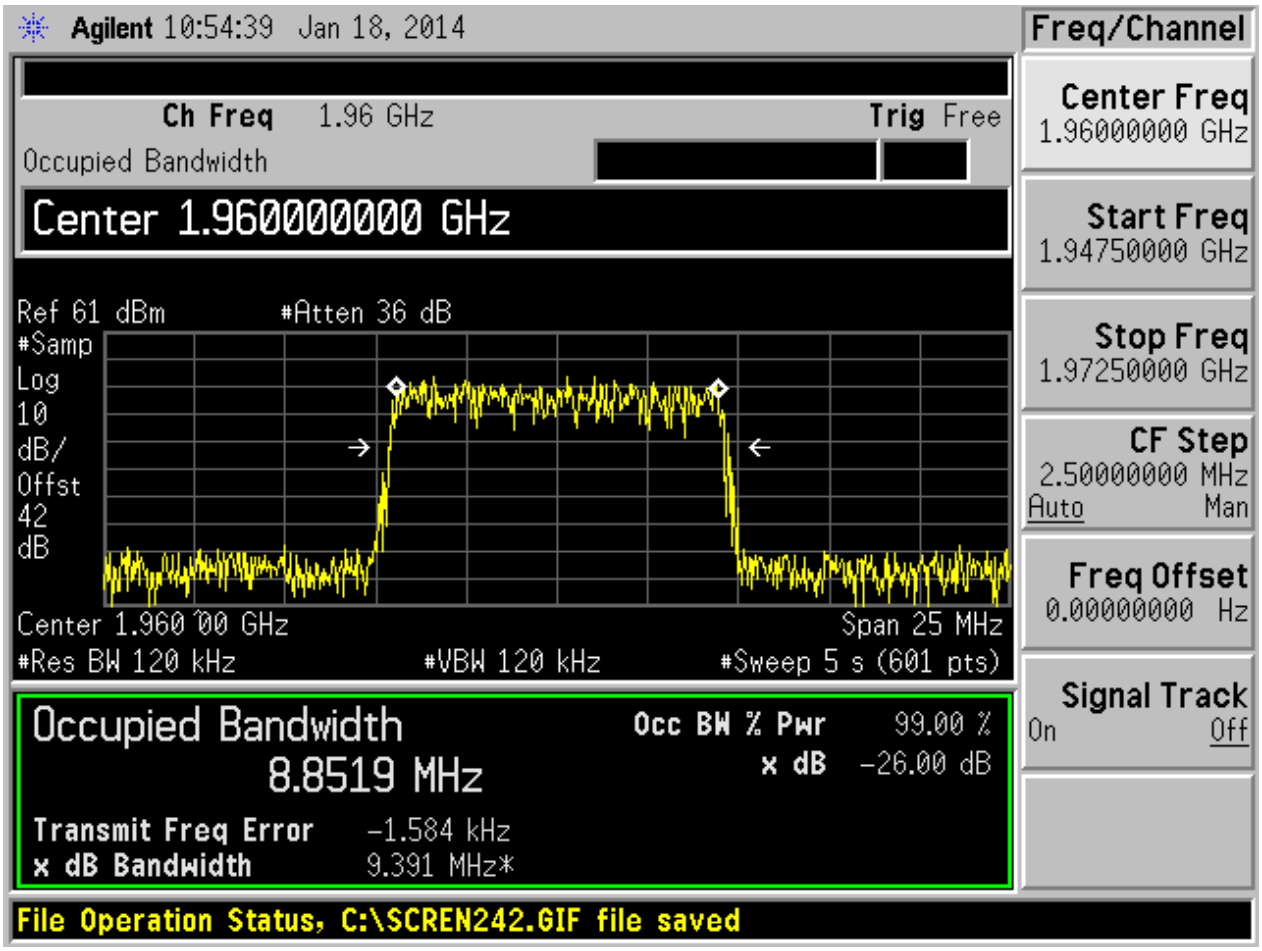
2.2.18 1L_5M_T



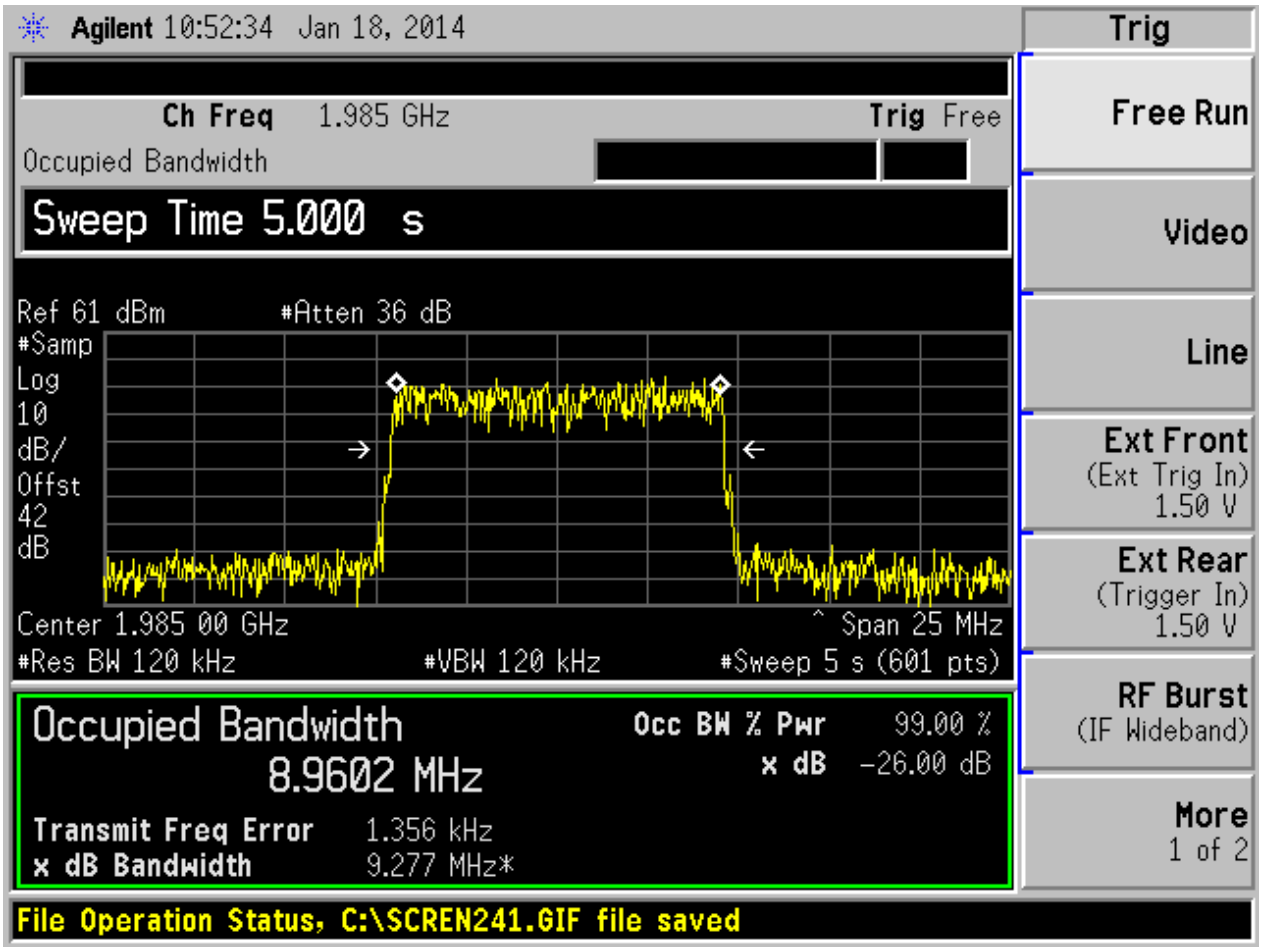
2.2.19 1L_10M_B



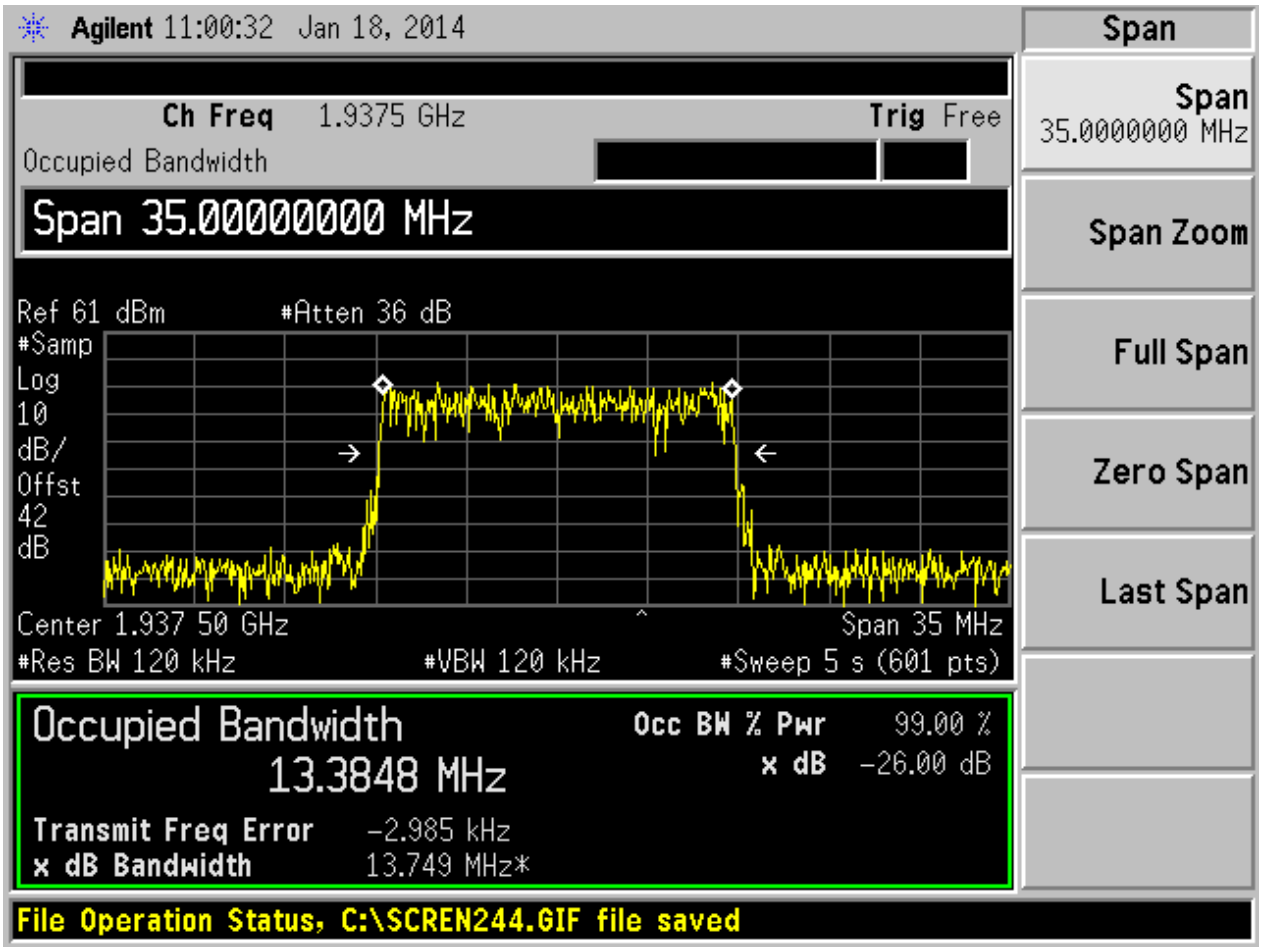
2.2.20 1L_10M_M



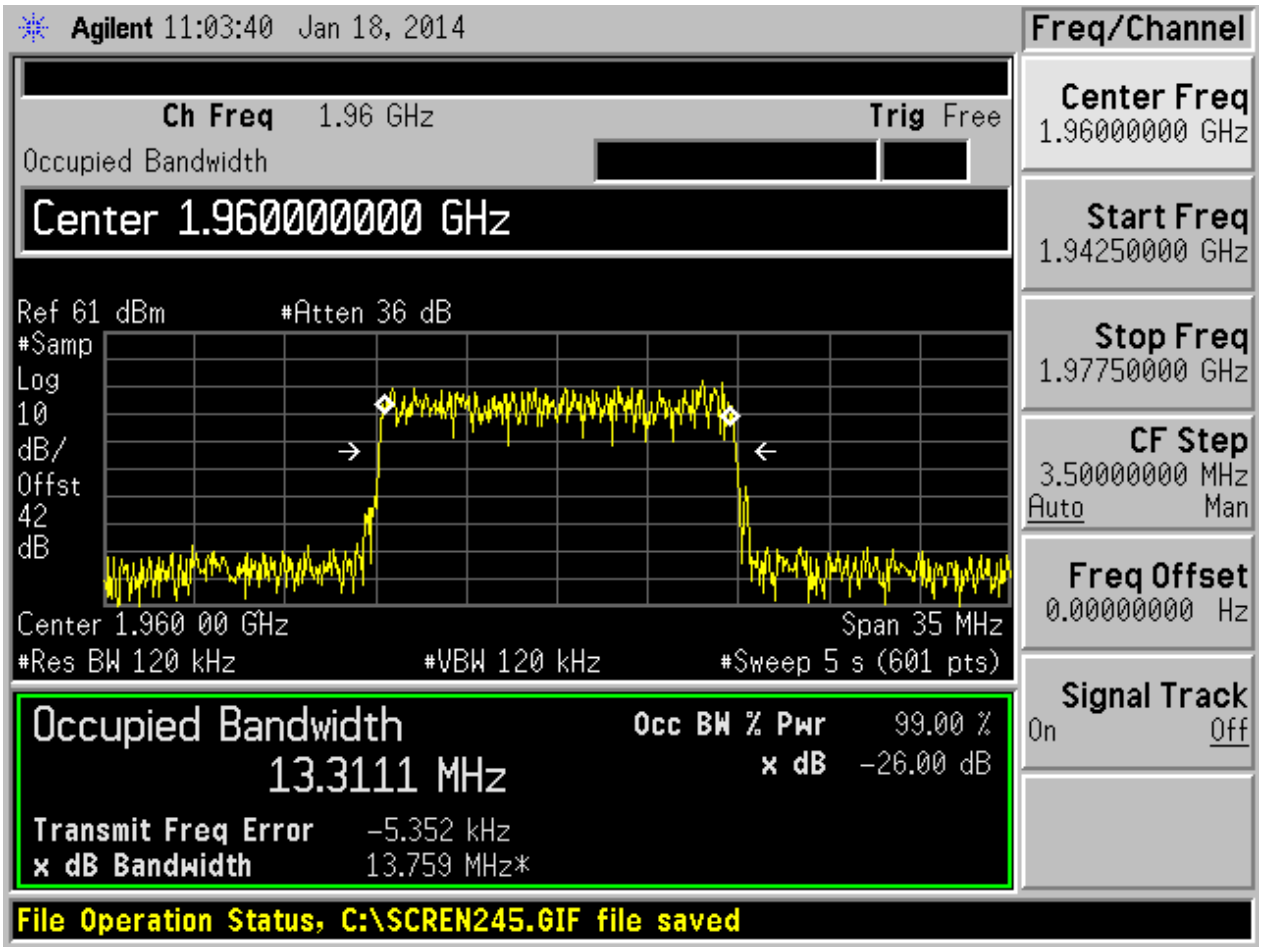
2.2.21 1L_10M_T



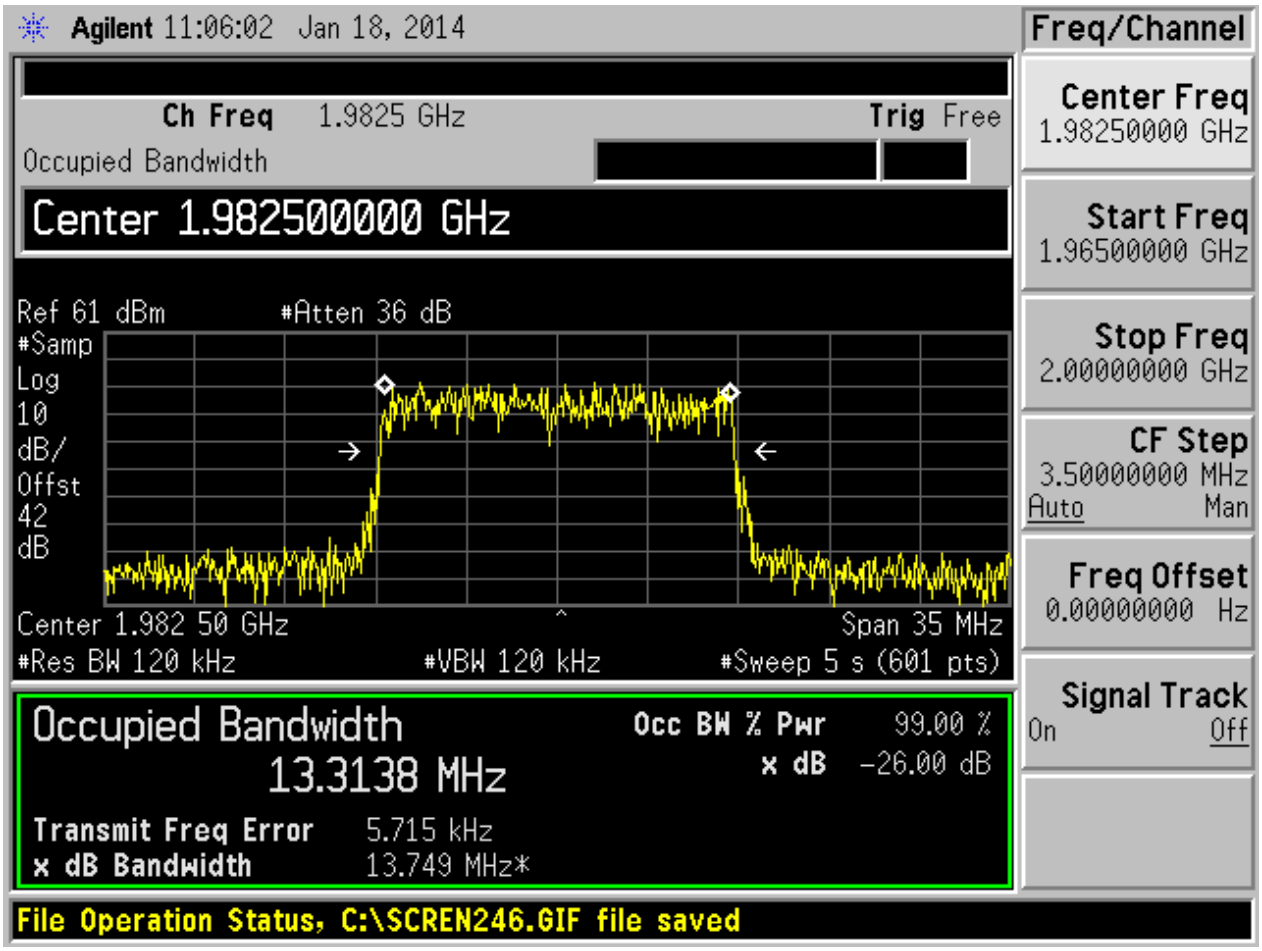
2.2.22 1L_15M_B



2.2.23 1L_15M_M



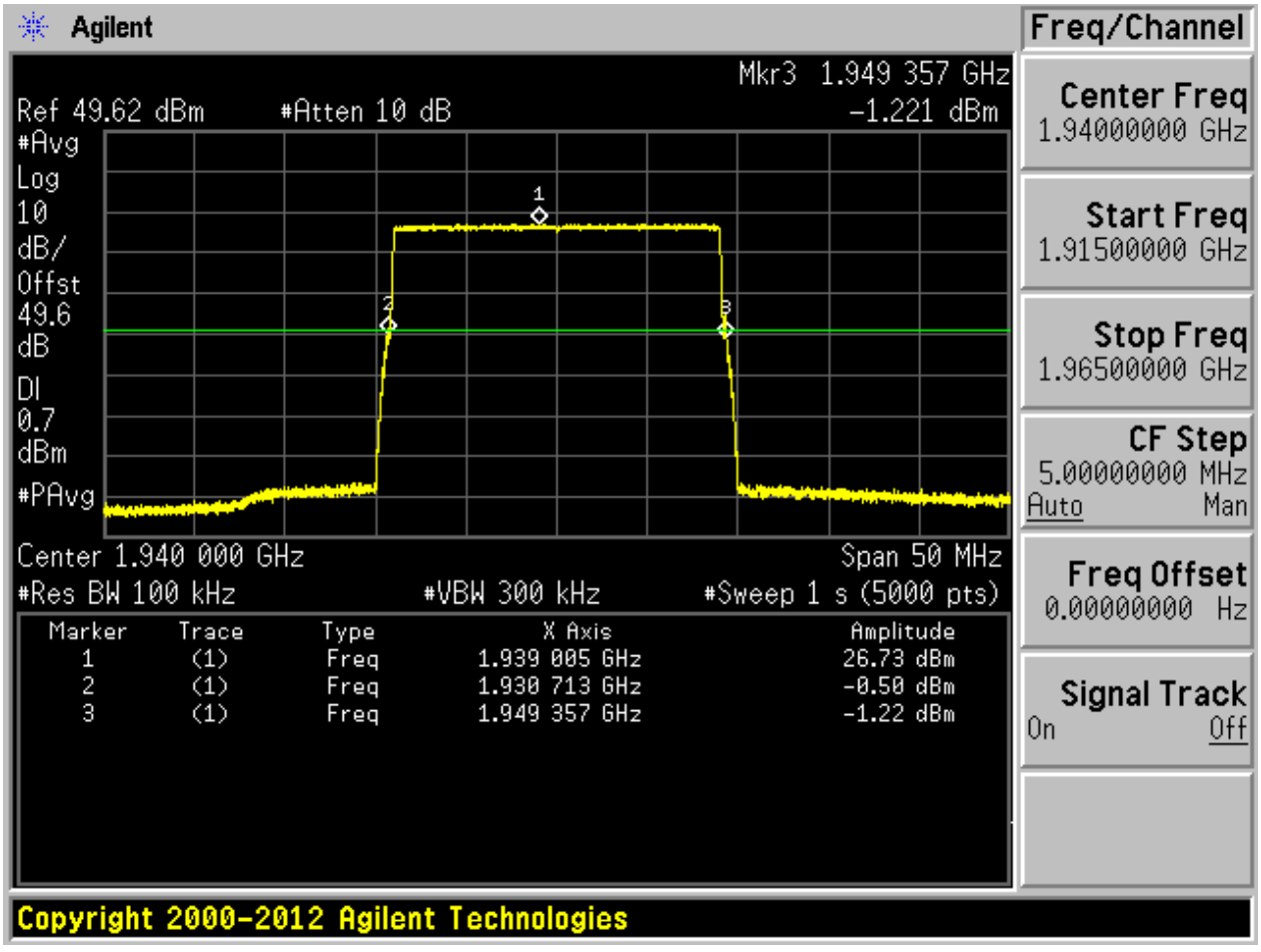
2.2.24 1L_15M_T



2.2.25 1L_20M_B

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
1940	50	26	0.1	RMS	18.64384	---	1930.713088	1930	1949.356928	1990	---

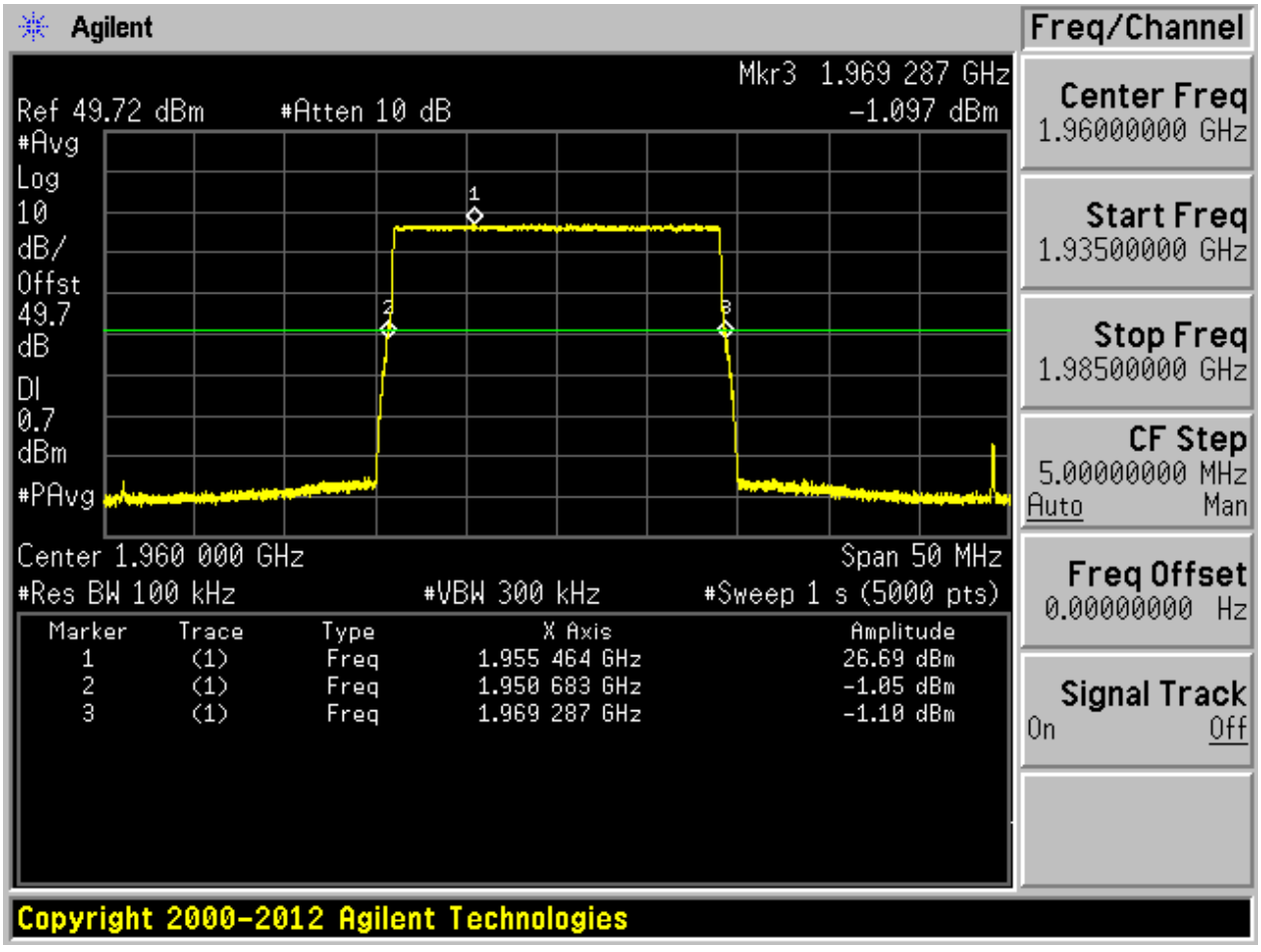
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



2.2.26 1L_20M_M

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
1960	50	26	0.1	RMS	18.603776	---	1950.683136	1930	1969.286912	1990	---

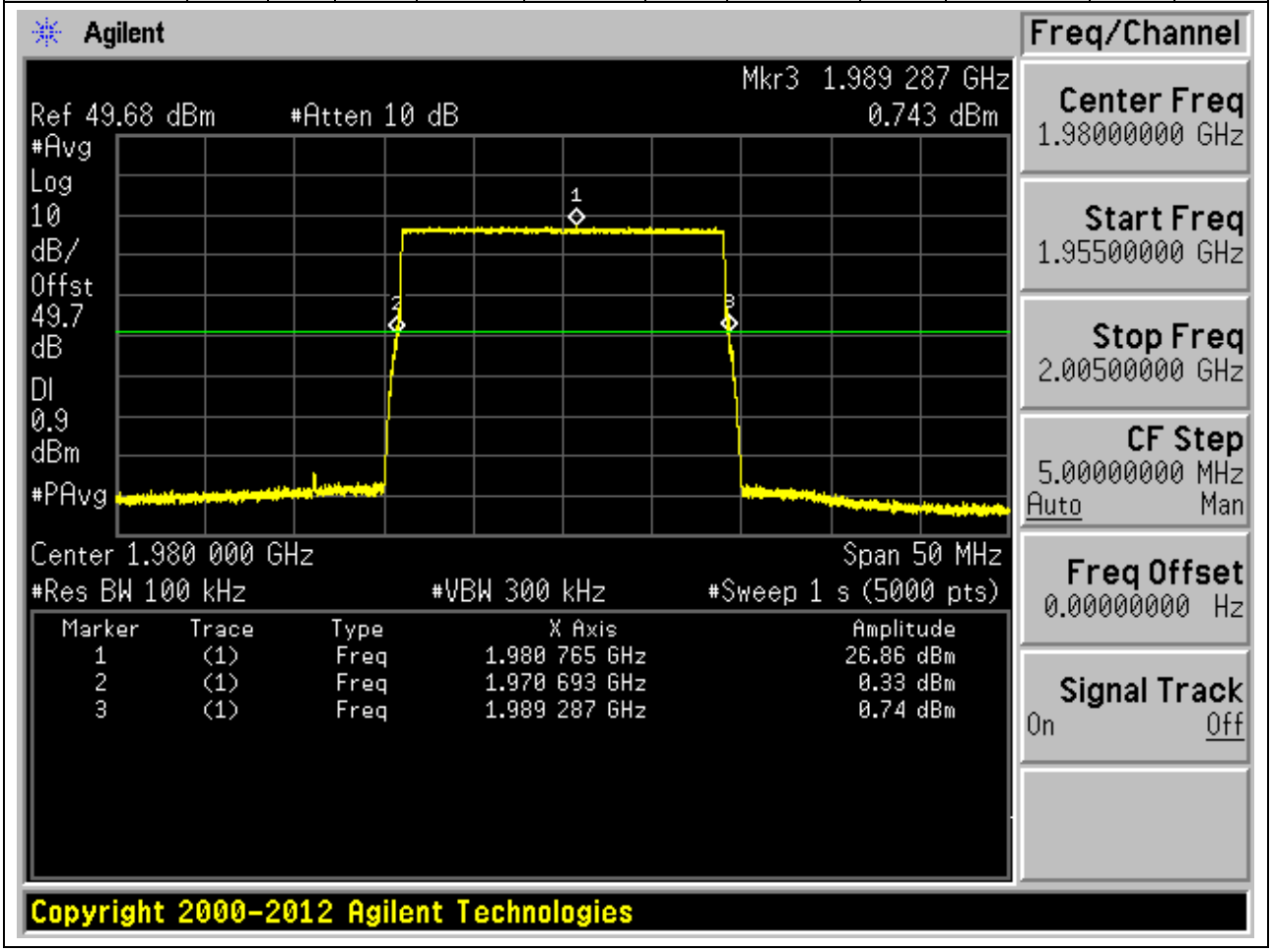
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



2.2.27 1L_20M_T

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
1980	50	26	0.1	RMS	18.593792	---	1970.69312	1930	1989.286912	1990	---

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



Appendix C2: Band Edges Compliance

1 Result Table

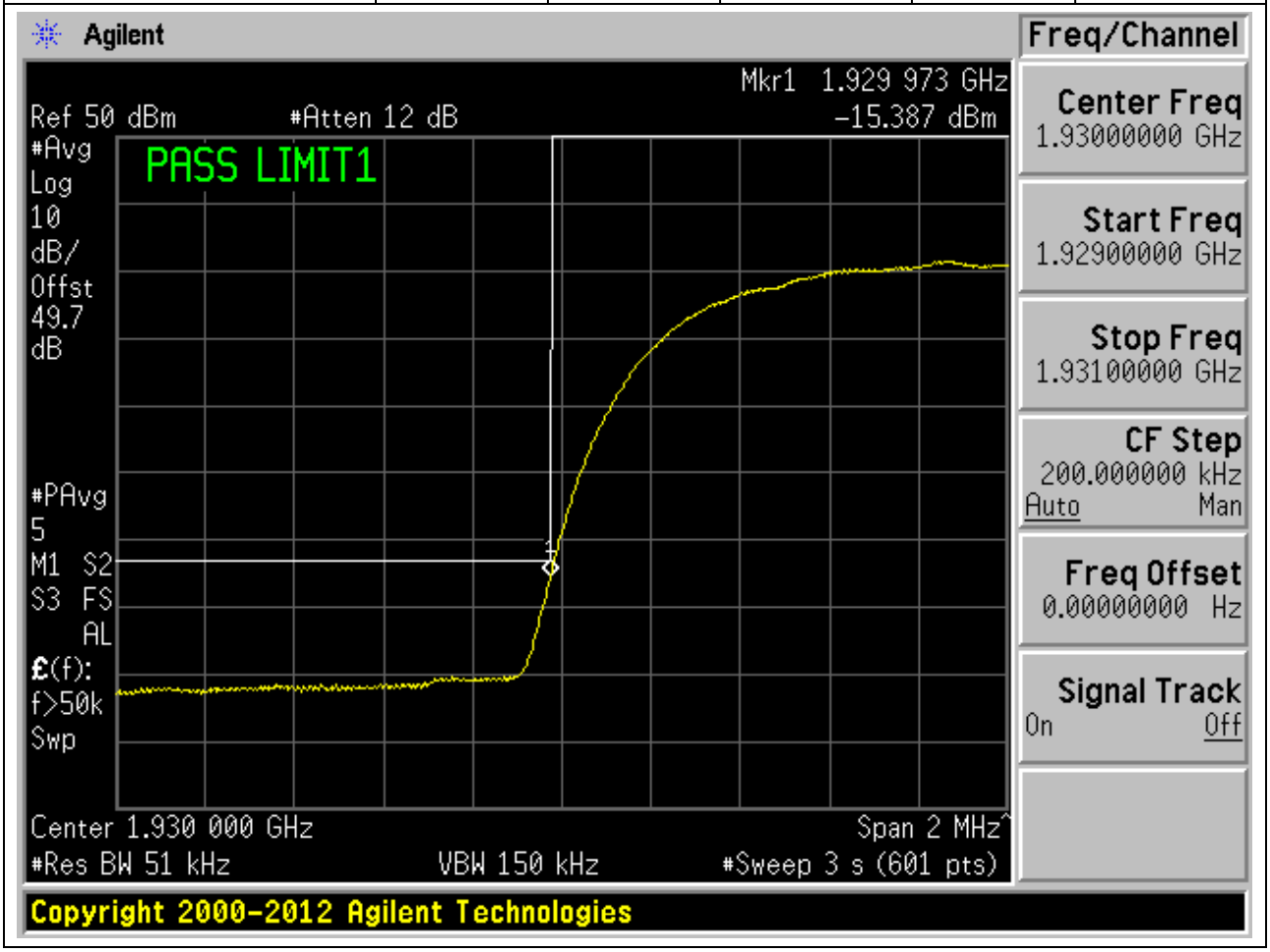
NOTE: The offset of measurement filter -3dB point may be considered when identifying the maximum emission for e.g. the CDMA, WCDMA, WiMAX, LTE systems.

EUT Conf.	Maximum Emission [dBm]	Verdict
1U_B	<-13	Pass
1U_T	<-13	Pass
4U_B	<-13	Pass
4U_T	<-13	Pass
1G_GMSK_B	<-13	Pass
1G_GMSK_T	<-13	Pass
1G_8PSK_B	<-13	Pass
1G_8PSK_T	<-13	Pass
6G_GMSK_B	<-13	Pass
6G_GMSK_T	<-13	Pass
6G_8PSK_B	<-13	Pass
6G_8PSK_T	<-13	Pass
1G1U_B	<-13	Pass
1G1U_T	<-13	Pass
3G1U_B	<-13	Pass
3G1U_T	<-13	Pass
1L_1M4_B	<-13	Pass
1L_1M4_T	<-13	Pass
1L_20M_B	<-13	Pass
1L_20M_T	<-13	Pass
1G1L_1M4_B	<-13	Pass
1G1L_1M4_T	<-13	Pass
1U1L_1M4_B	<-13	Pass
1U1L_1M4_T	<-13	Pass

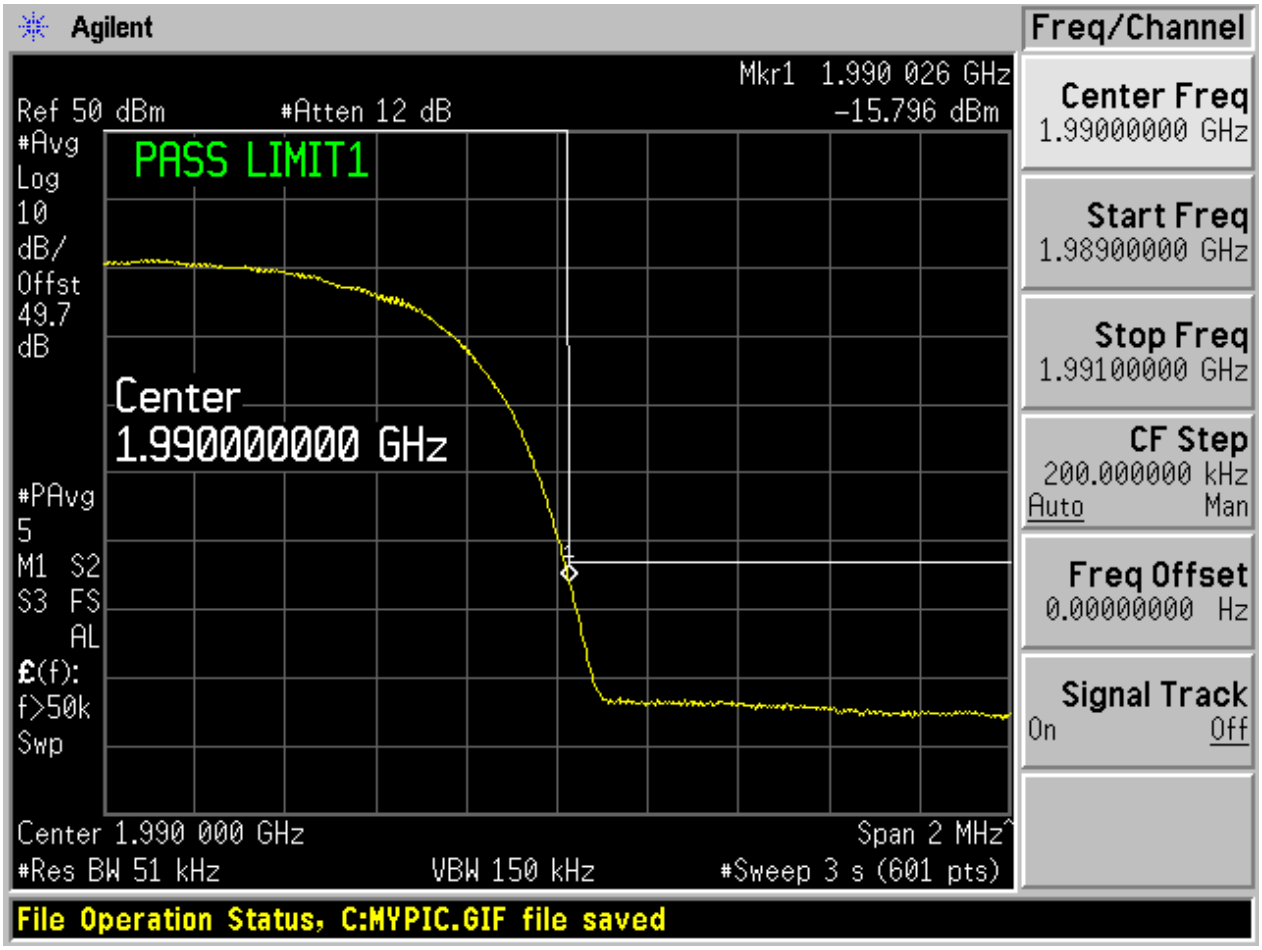
2 Test Plot

2.1.1 1U_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.051	RMS	Pass	601



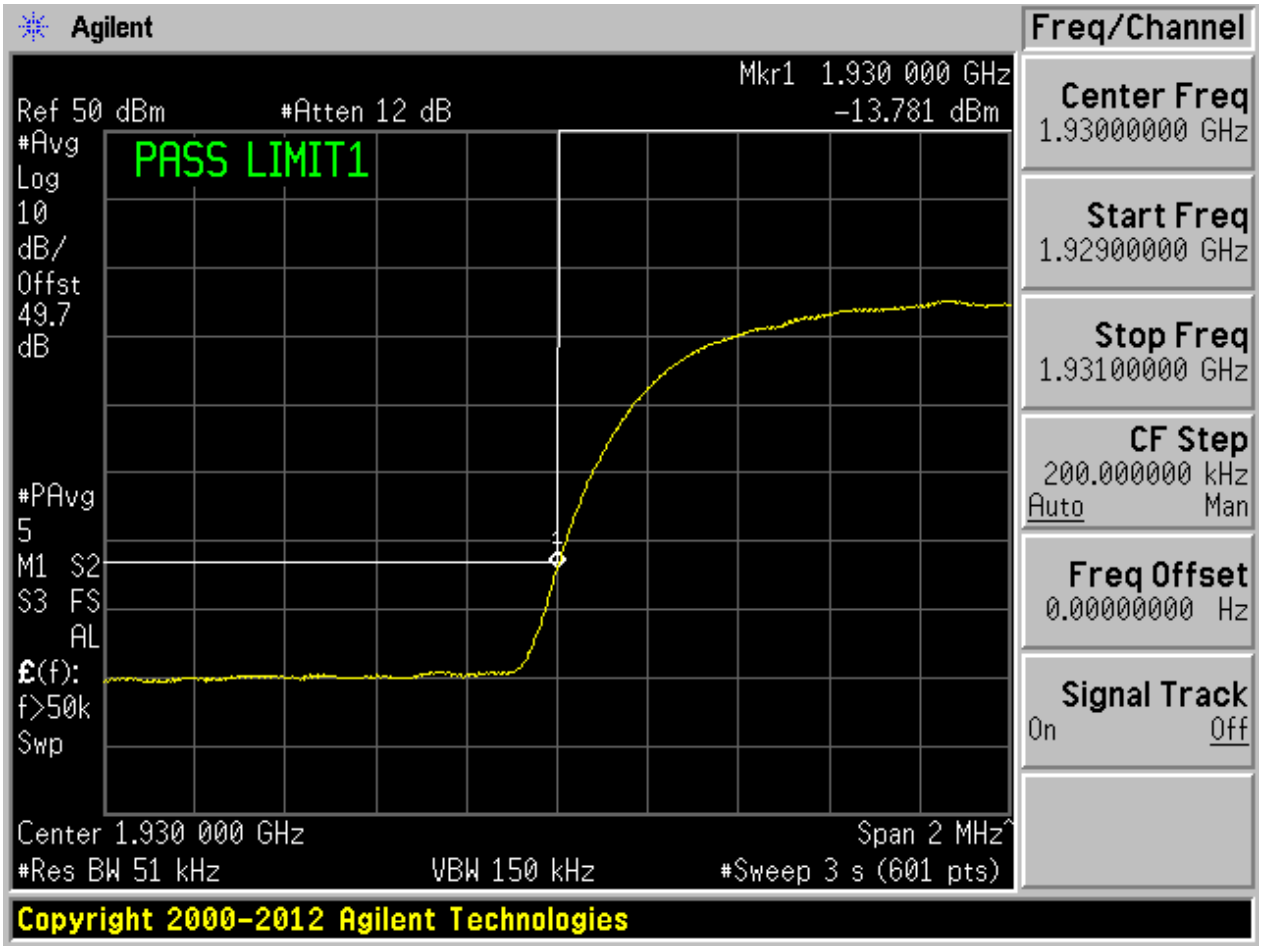
2.1.2 1U_T



2.1.3 4U_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.051	RMS	Pass	601

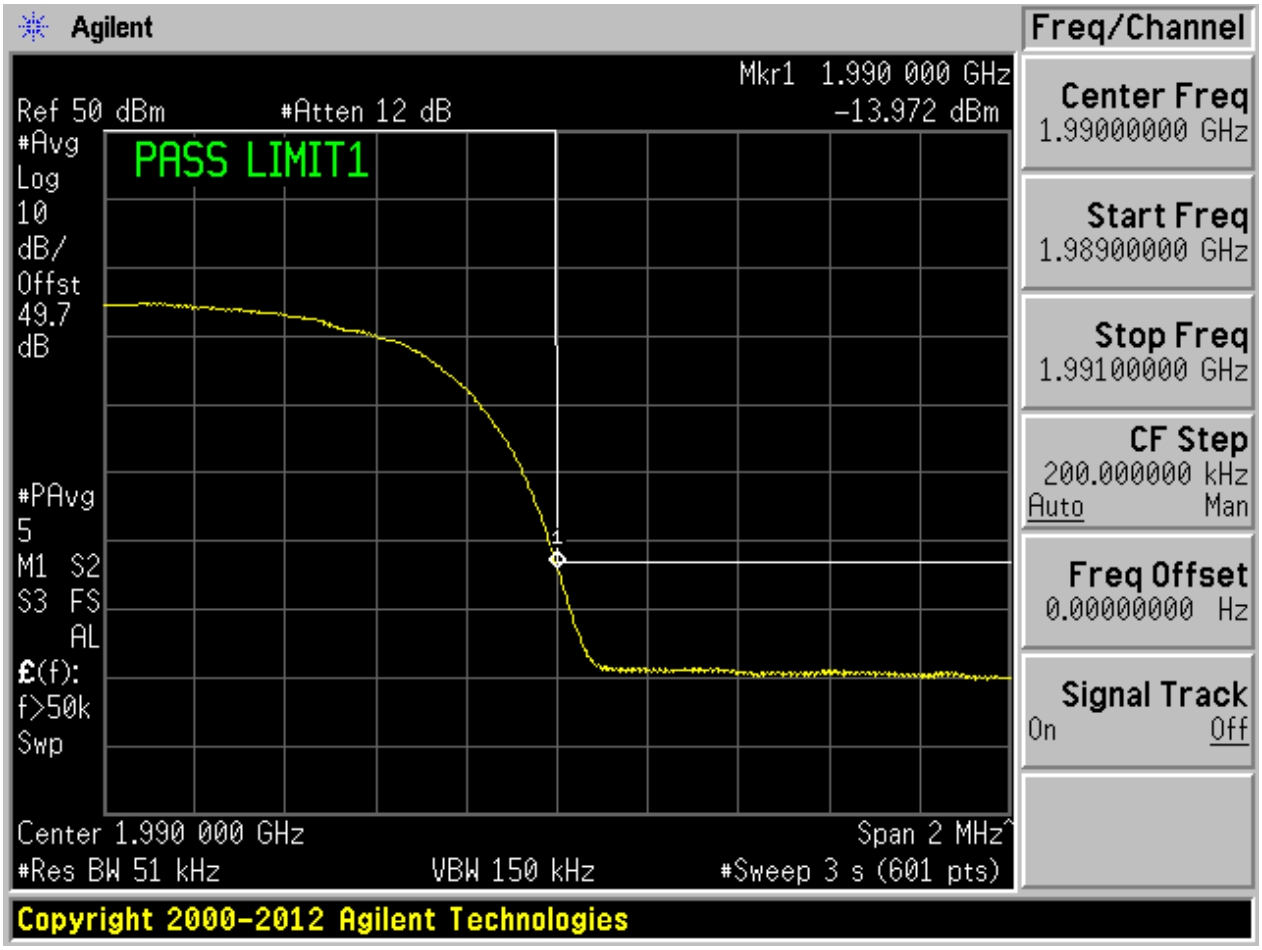
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.4 4U_T

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1990	2	0.051	RMS	Pass	601

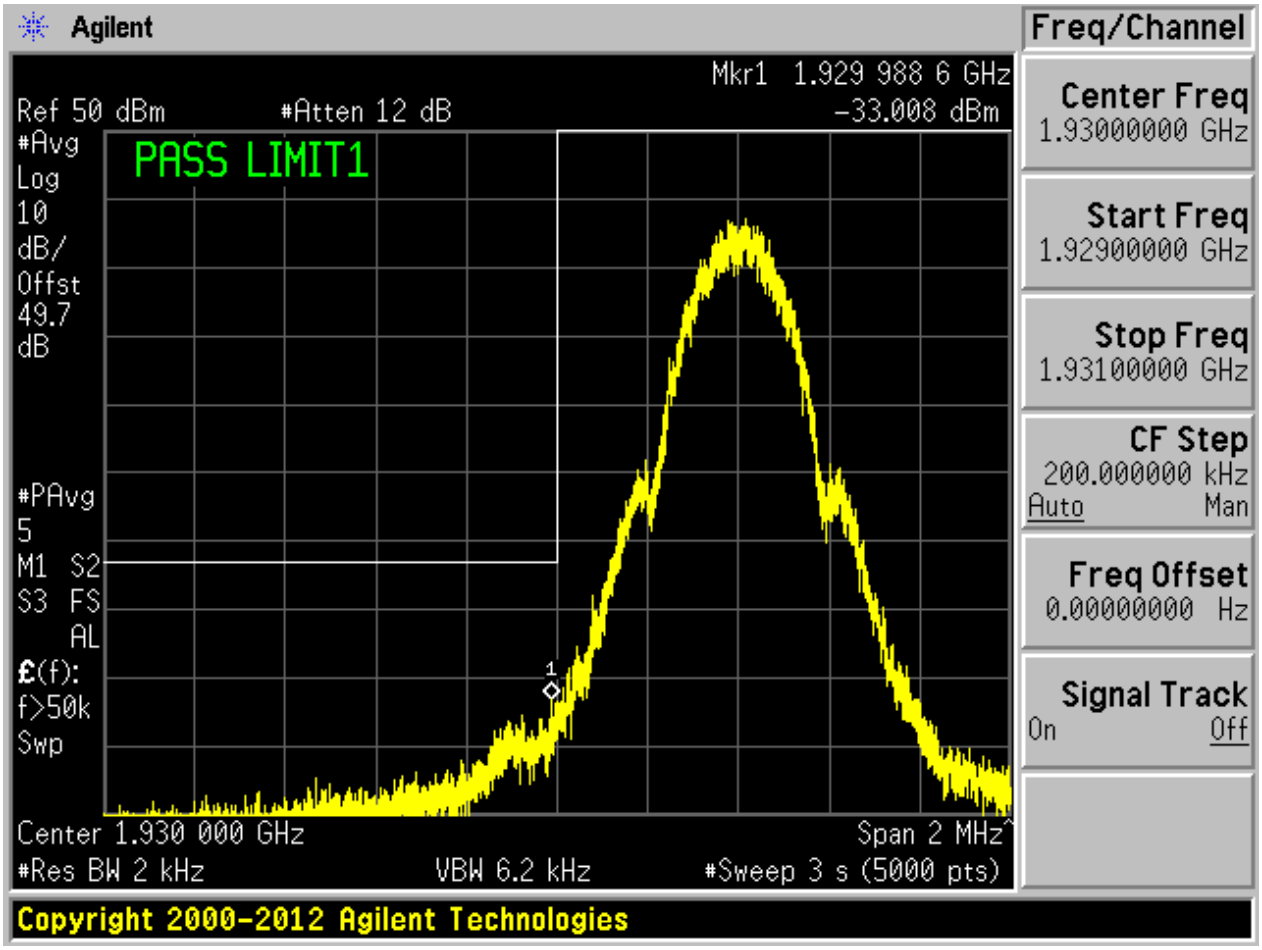
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.5 1G_GMSK_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.002	RMS	Pass	5000

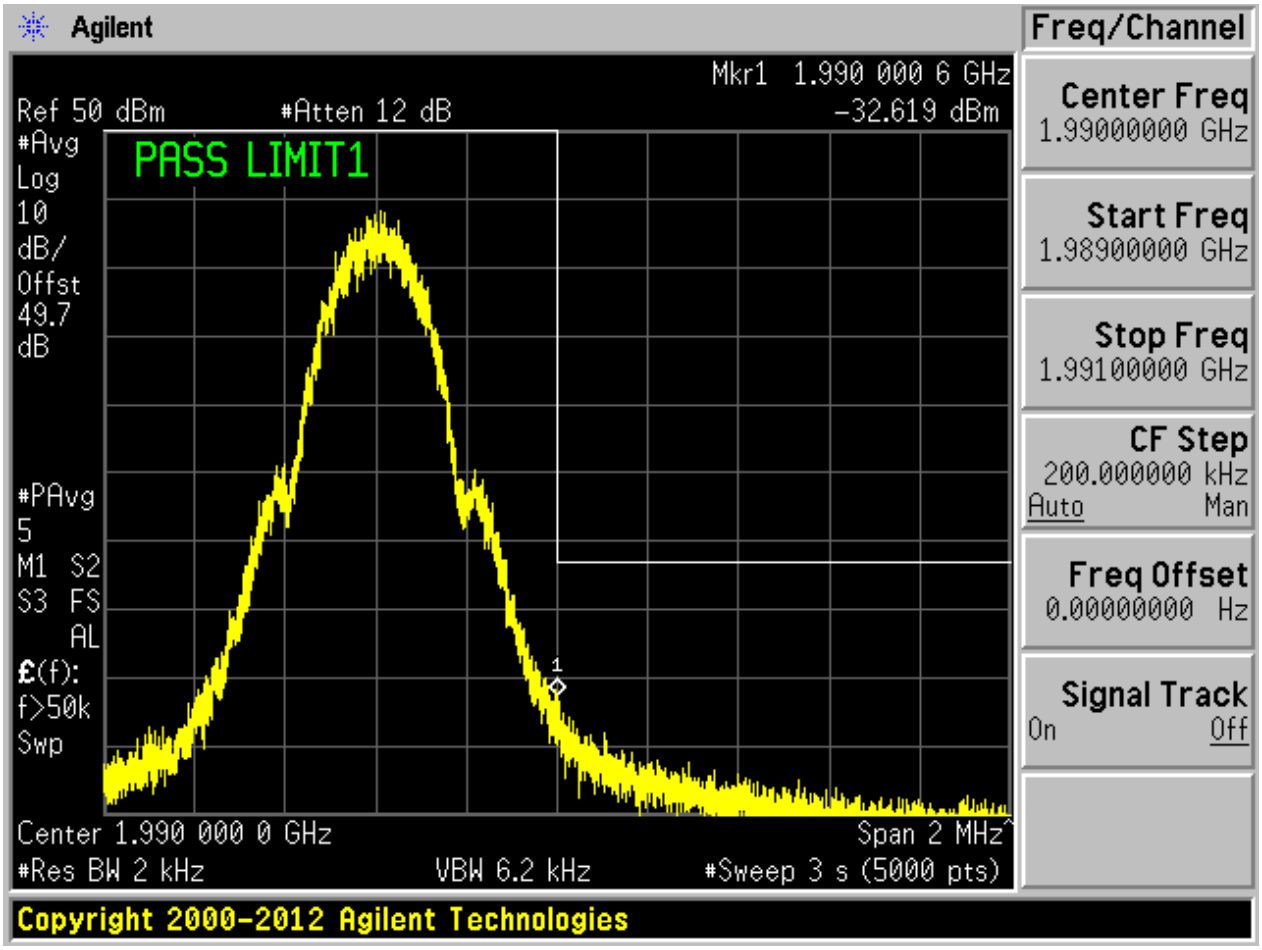
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.6 1G_GMSK_T

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1990	2	0.002	RMS	Pass	5000

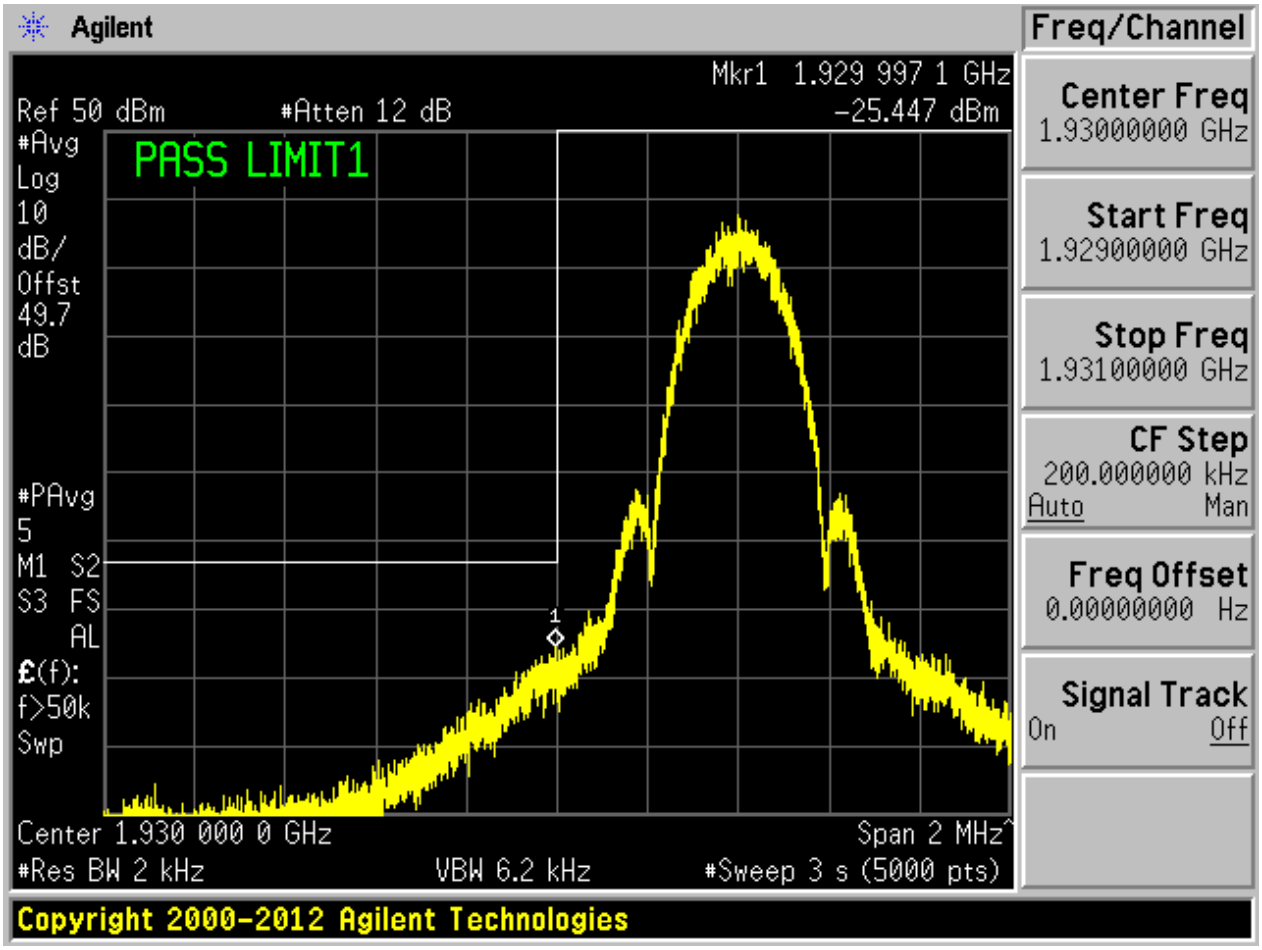
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.7 1G_8PSK_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.002	RMS	Pass	5000

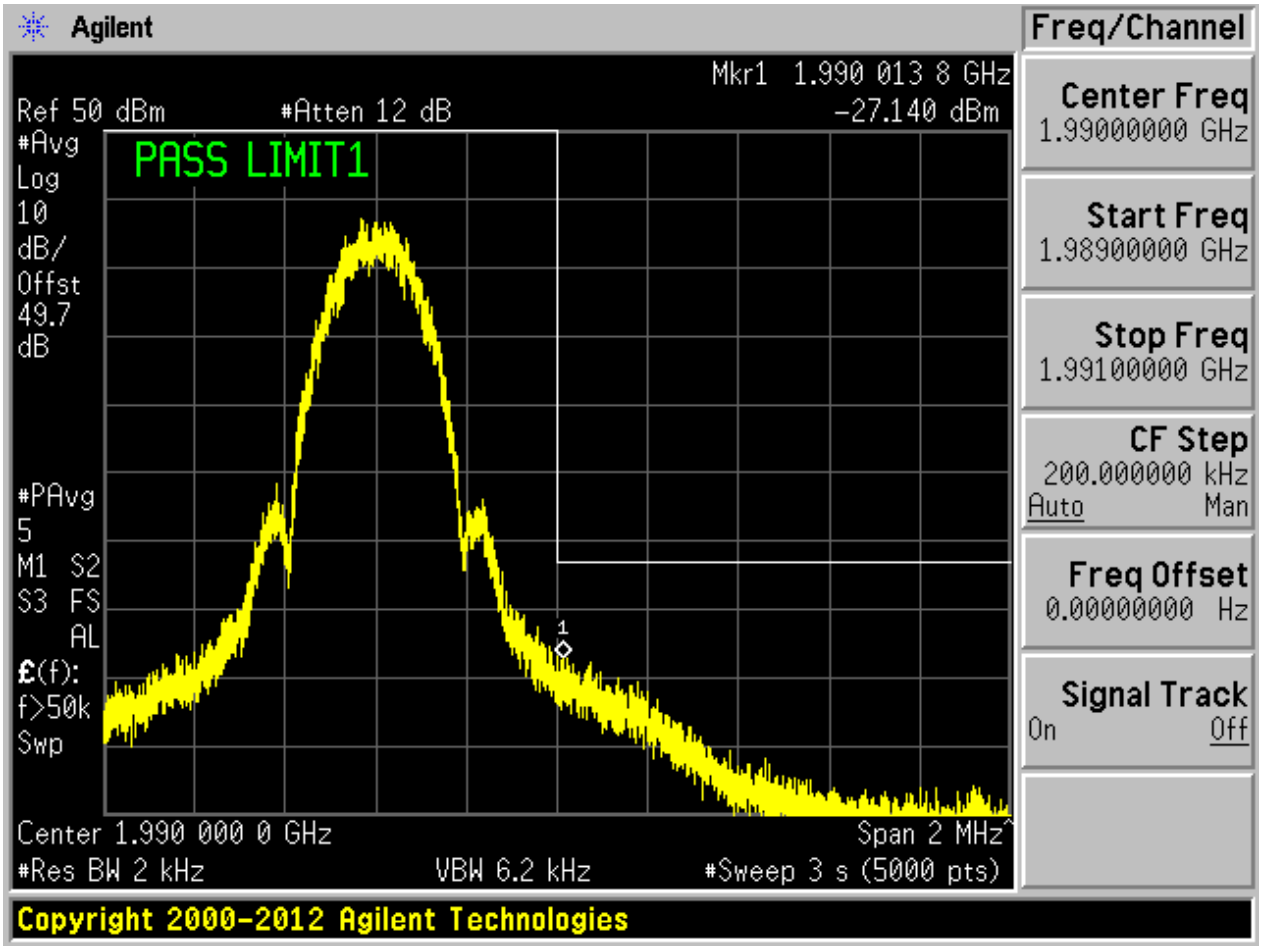
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.8 1G_8PSK_T

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1990	2	0.002	RMS	Pass	5000

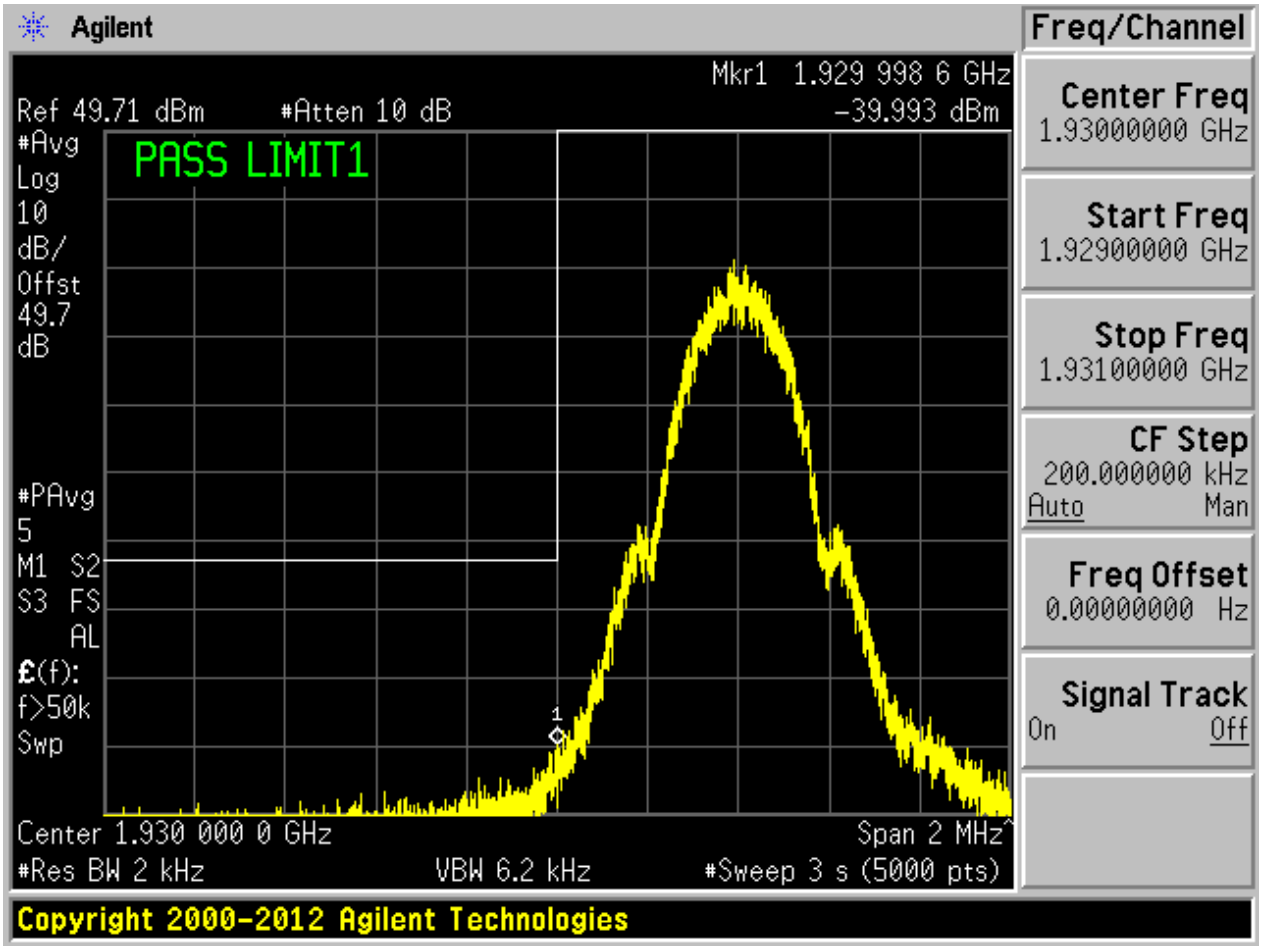
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.9 6G_GMSK_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.002	RMS	Pass	5000

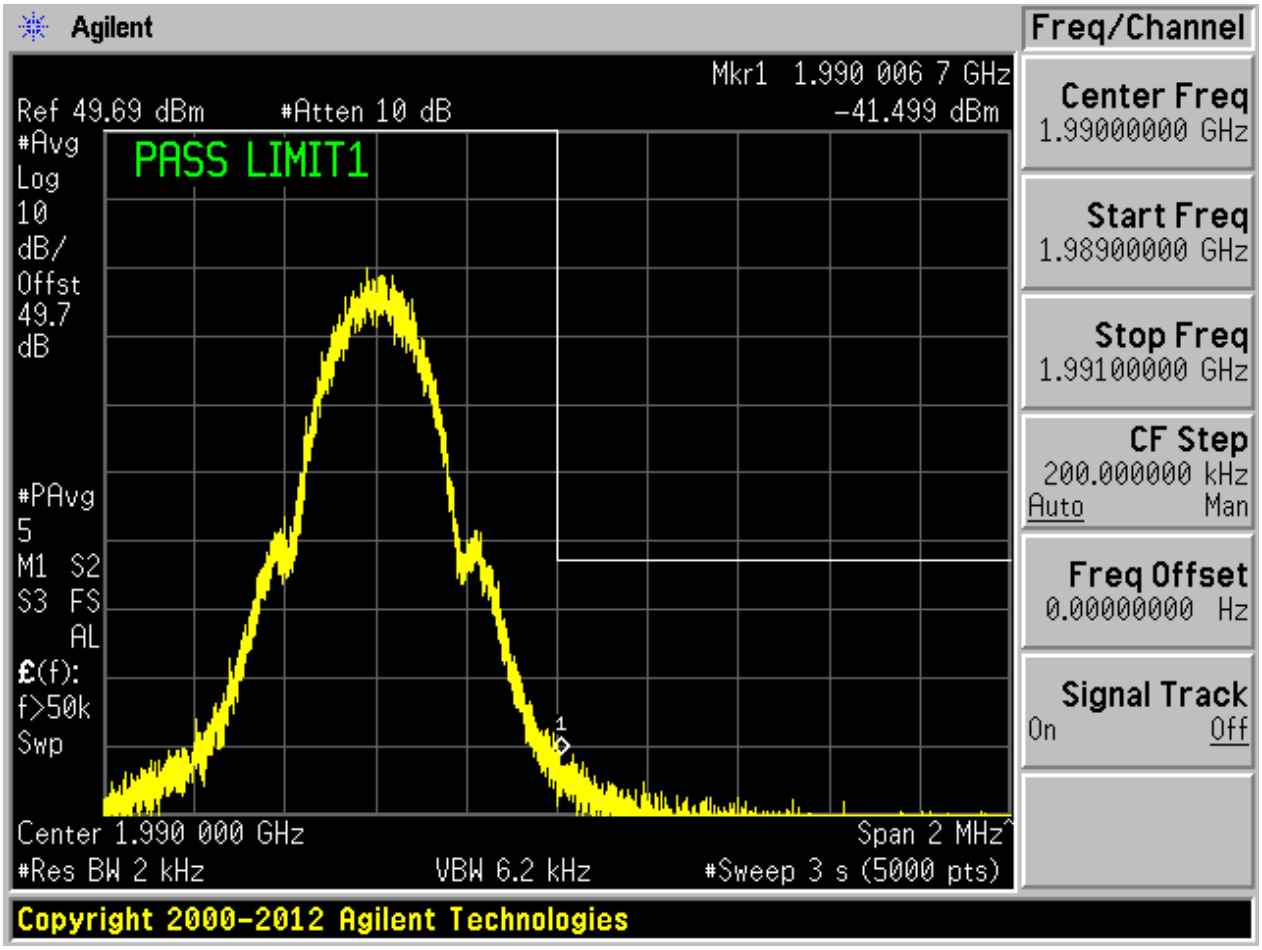
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.10 6G_GMSK_T

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1990	2	0.002	RMS	Pass	5000

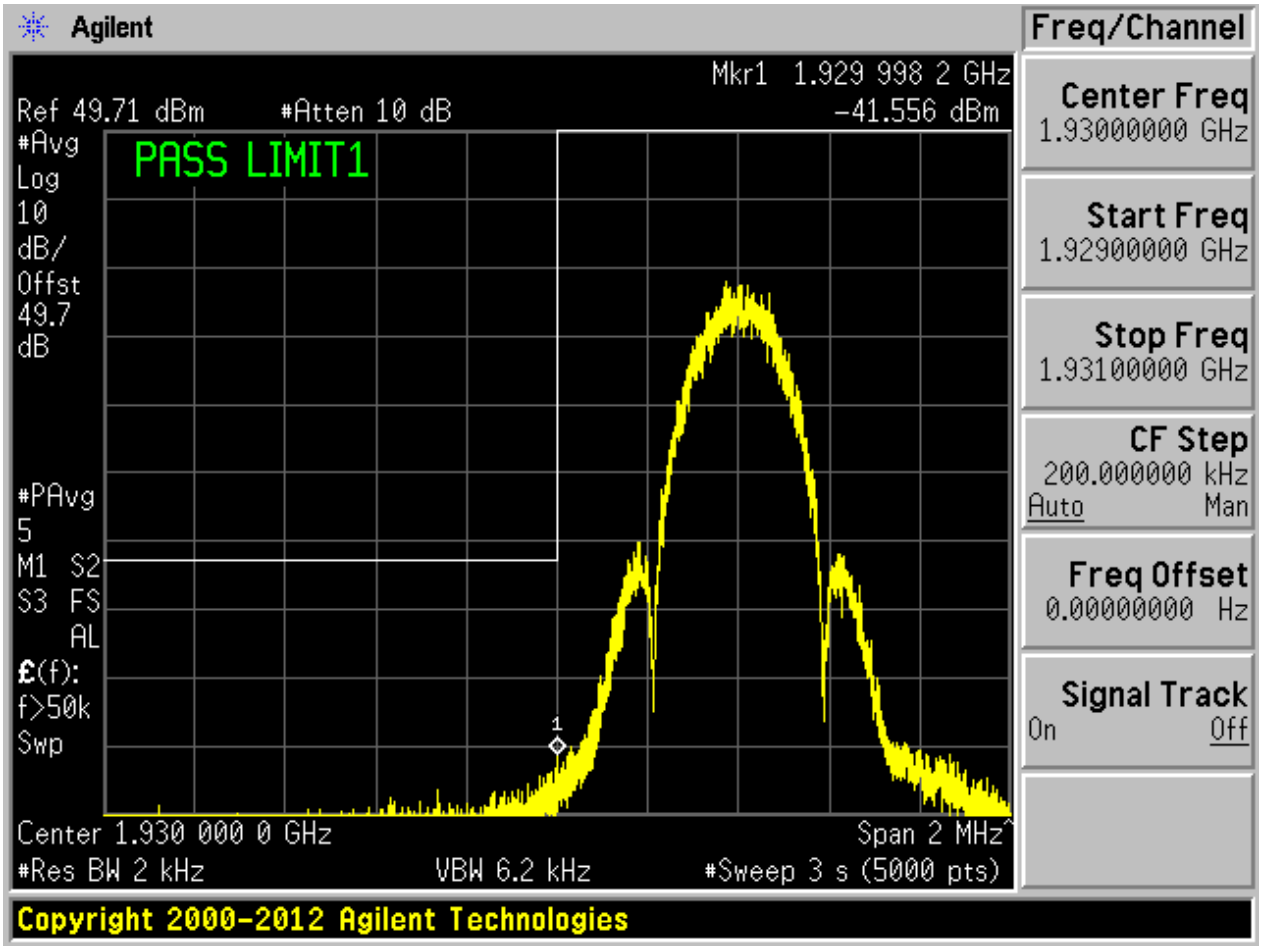
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.11 6G_8PSK_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.002	RMS	Pass	5000

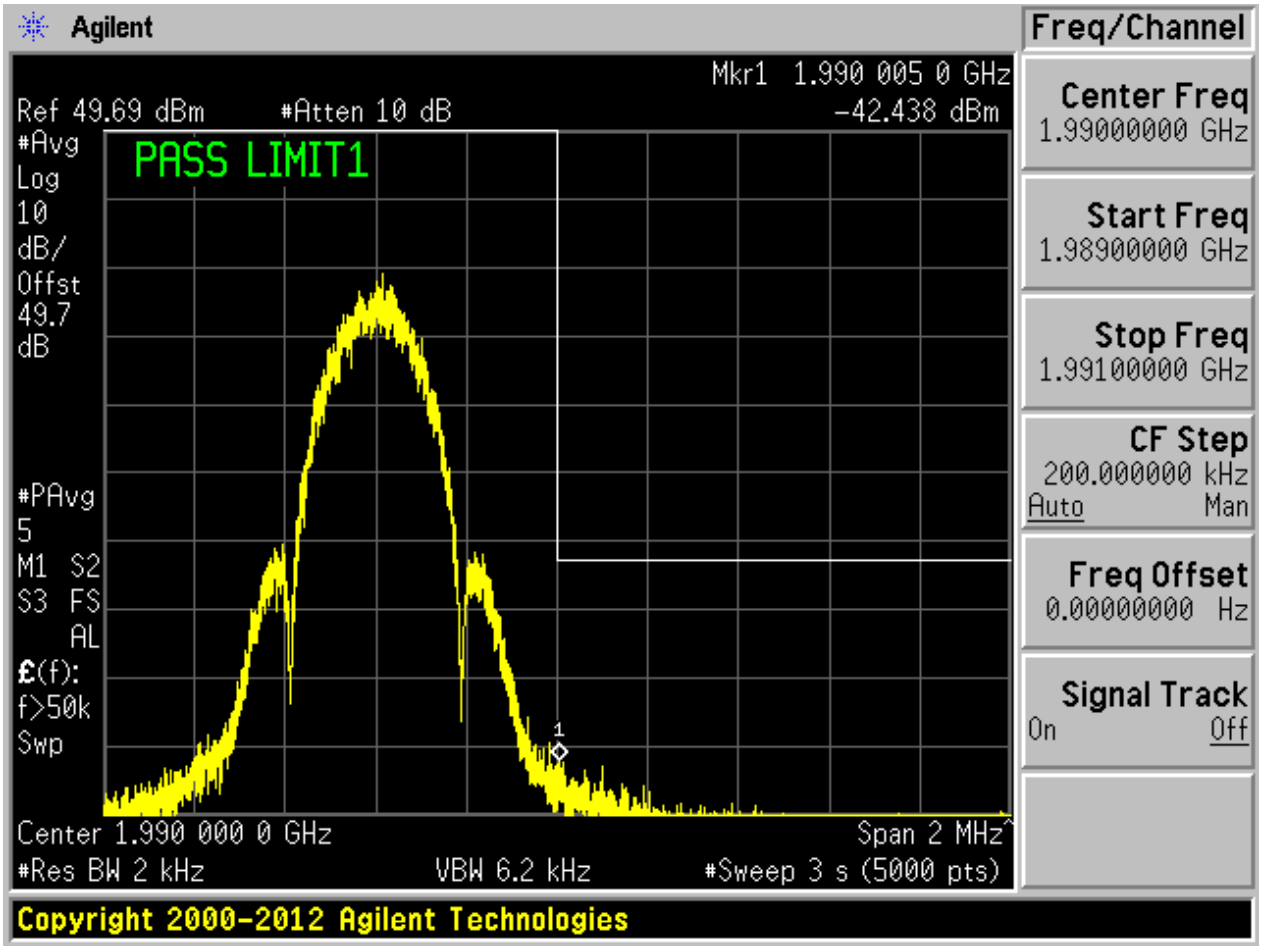
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.12 6G_8PSK_T

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1990	2	0.002	RMS	Pass	5000

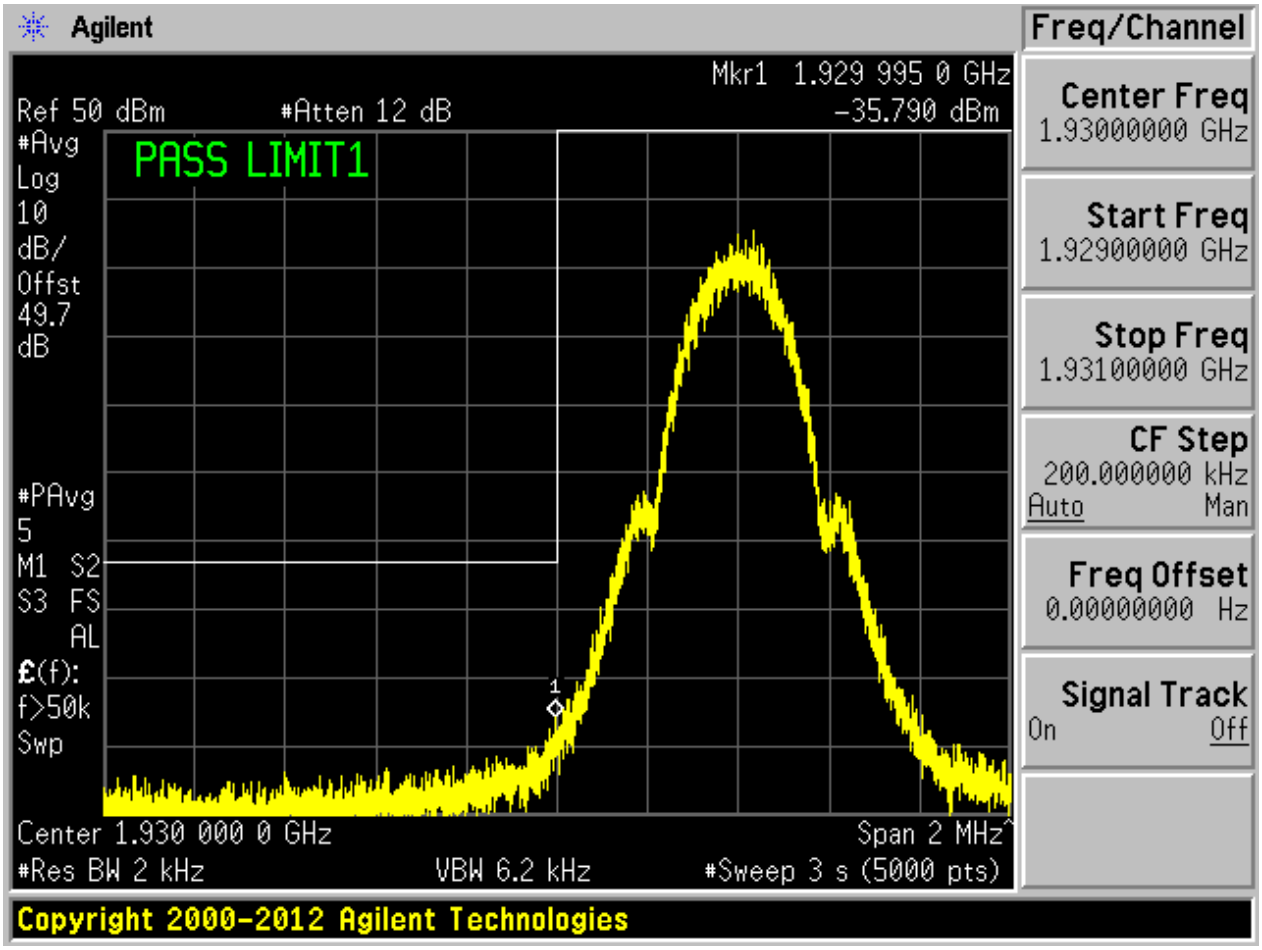
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.13 1G1U_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.002	RMS	Pass	5000

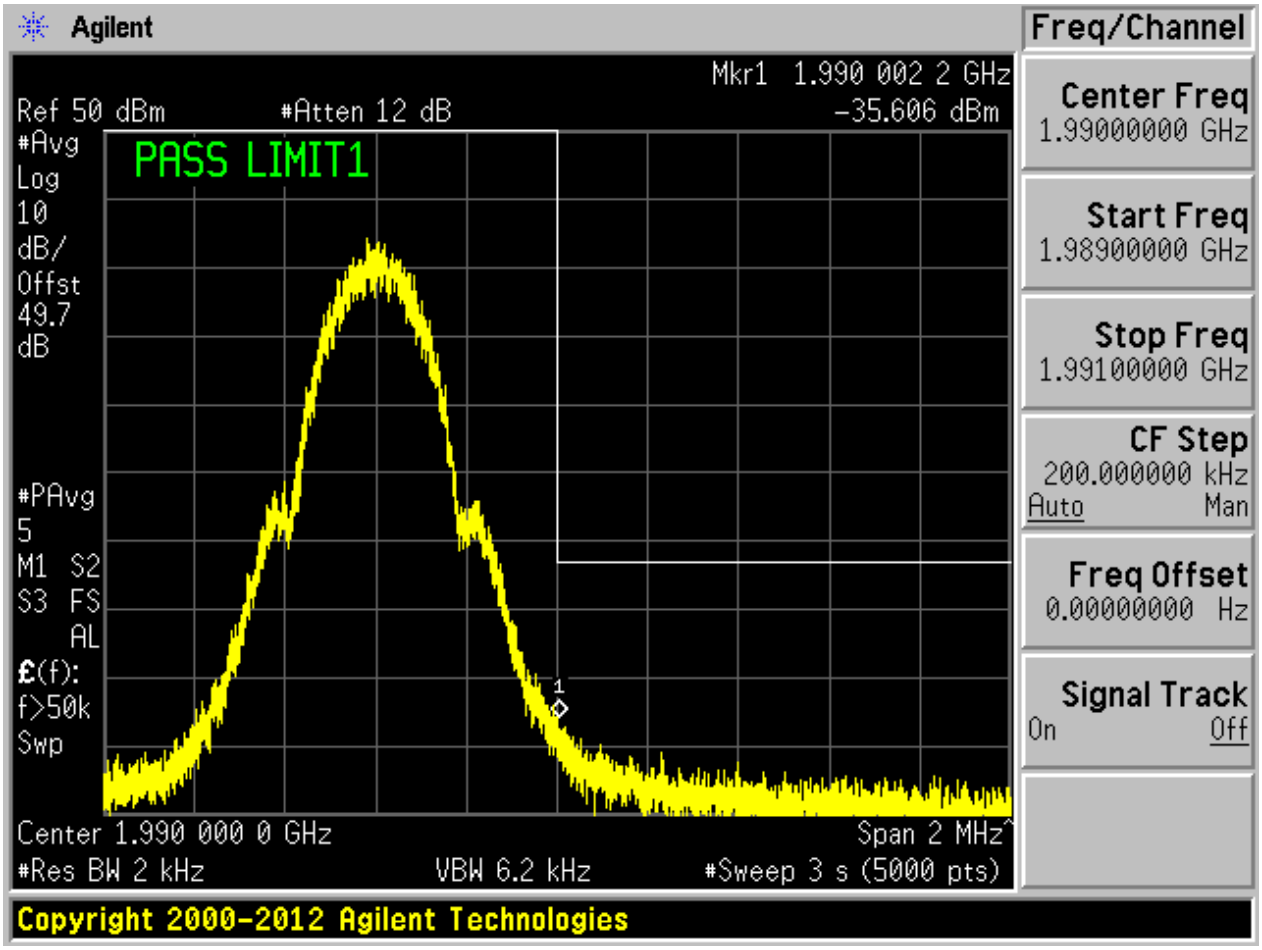
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.14 1G1U_T

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1990	2	0.002	RMS	Pass	5000

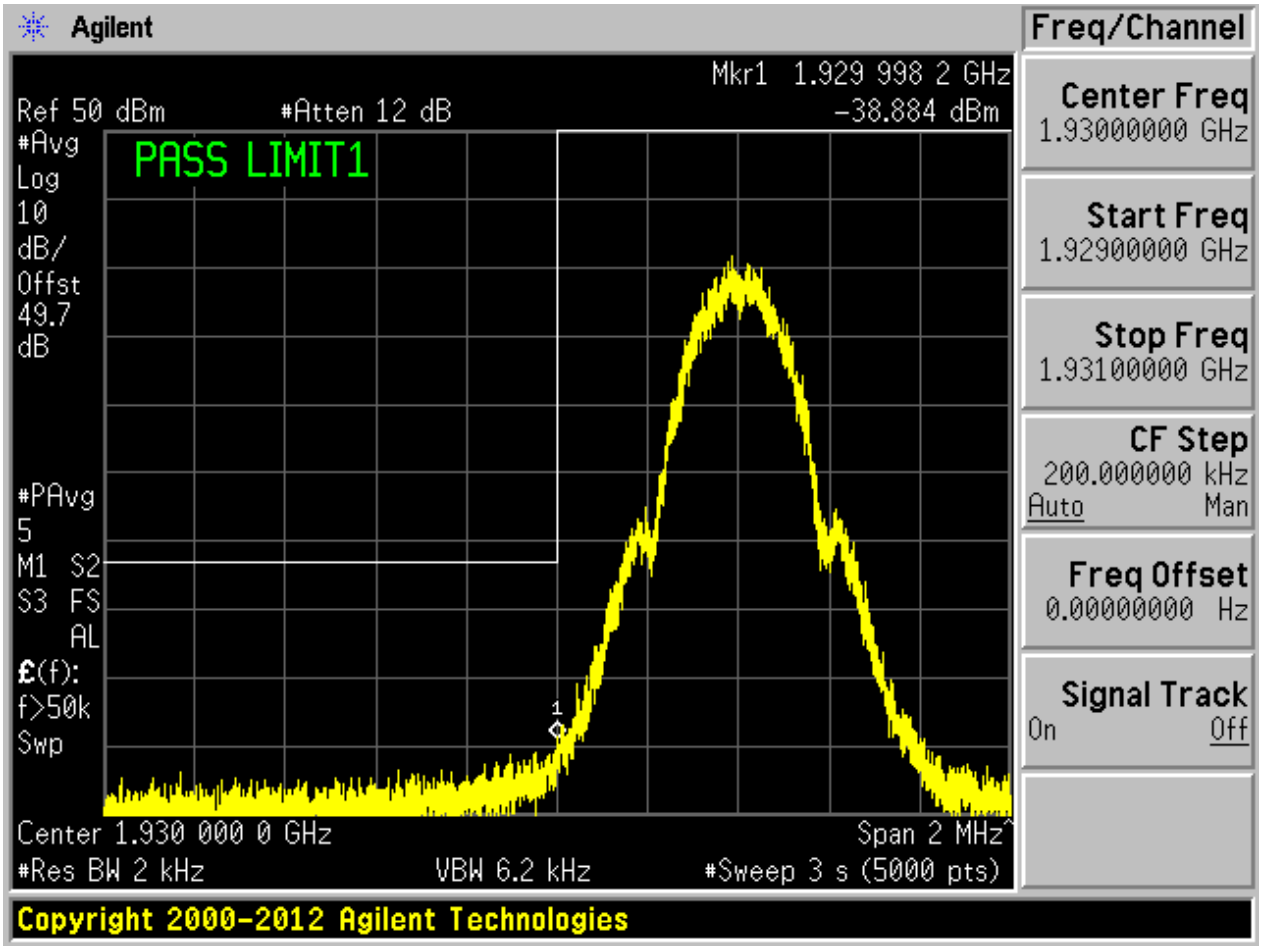
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.15 3G_1U_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.002	RMS	Pass	5000

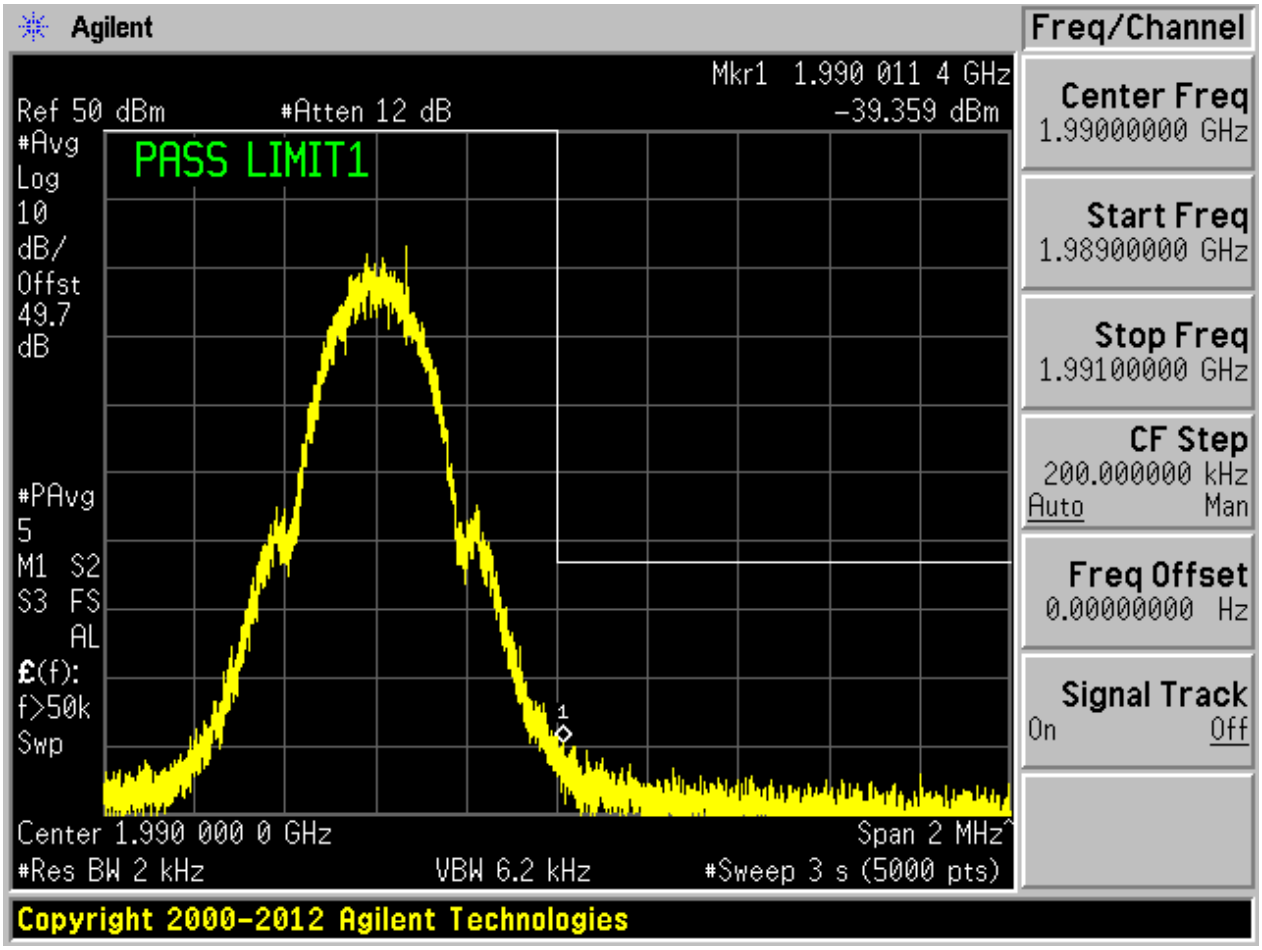
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.16 3G_1U_T

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1990	2	0.002	RMS	Pass	5000

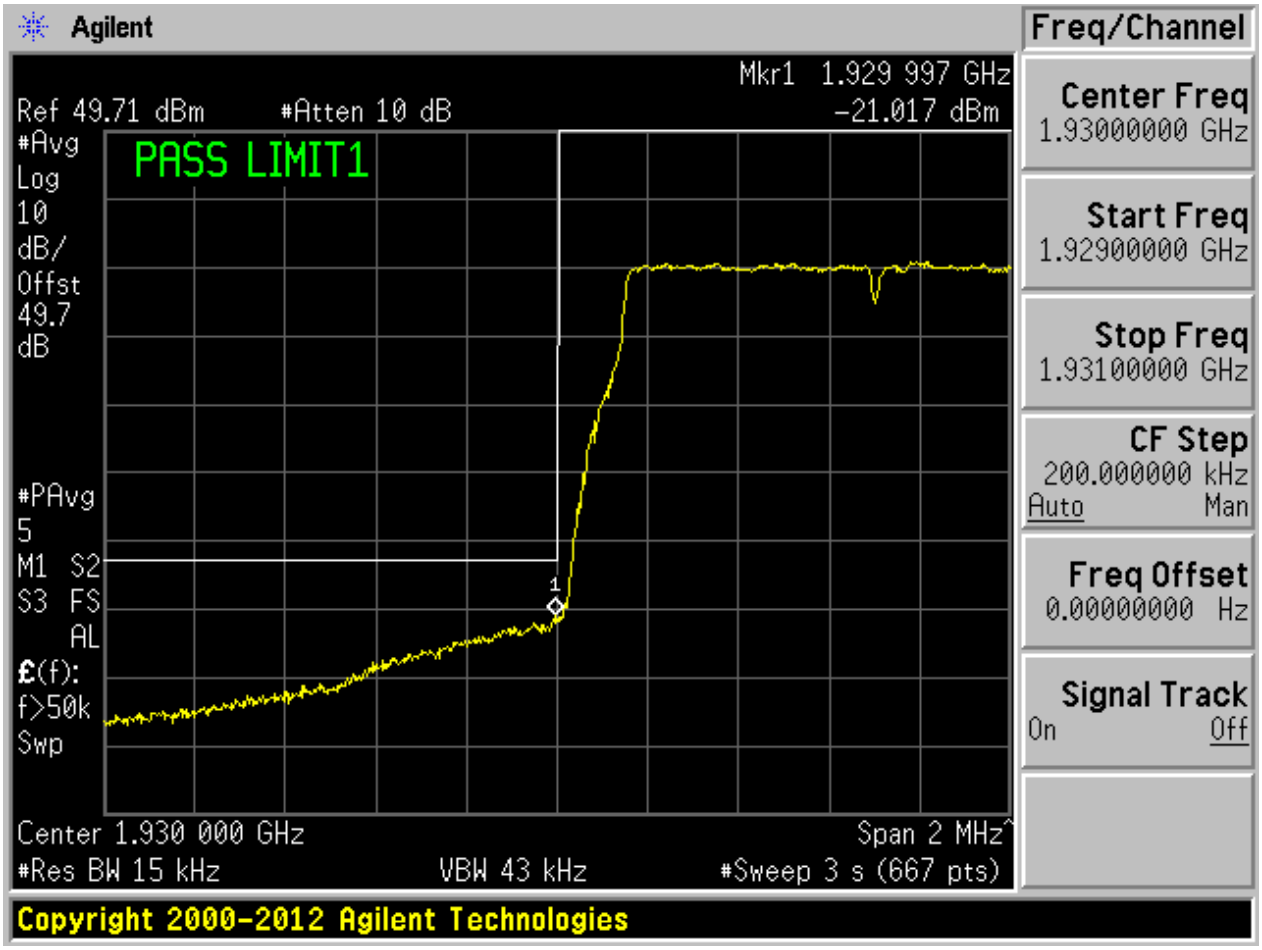
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.17 1L_1M4_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.015	RMS	Pass	667

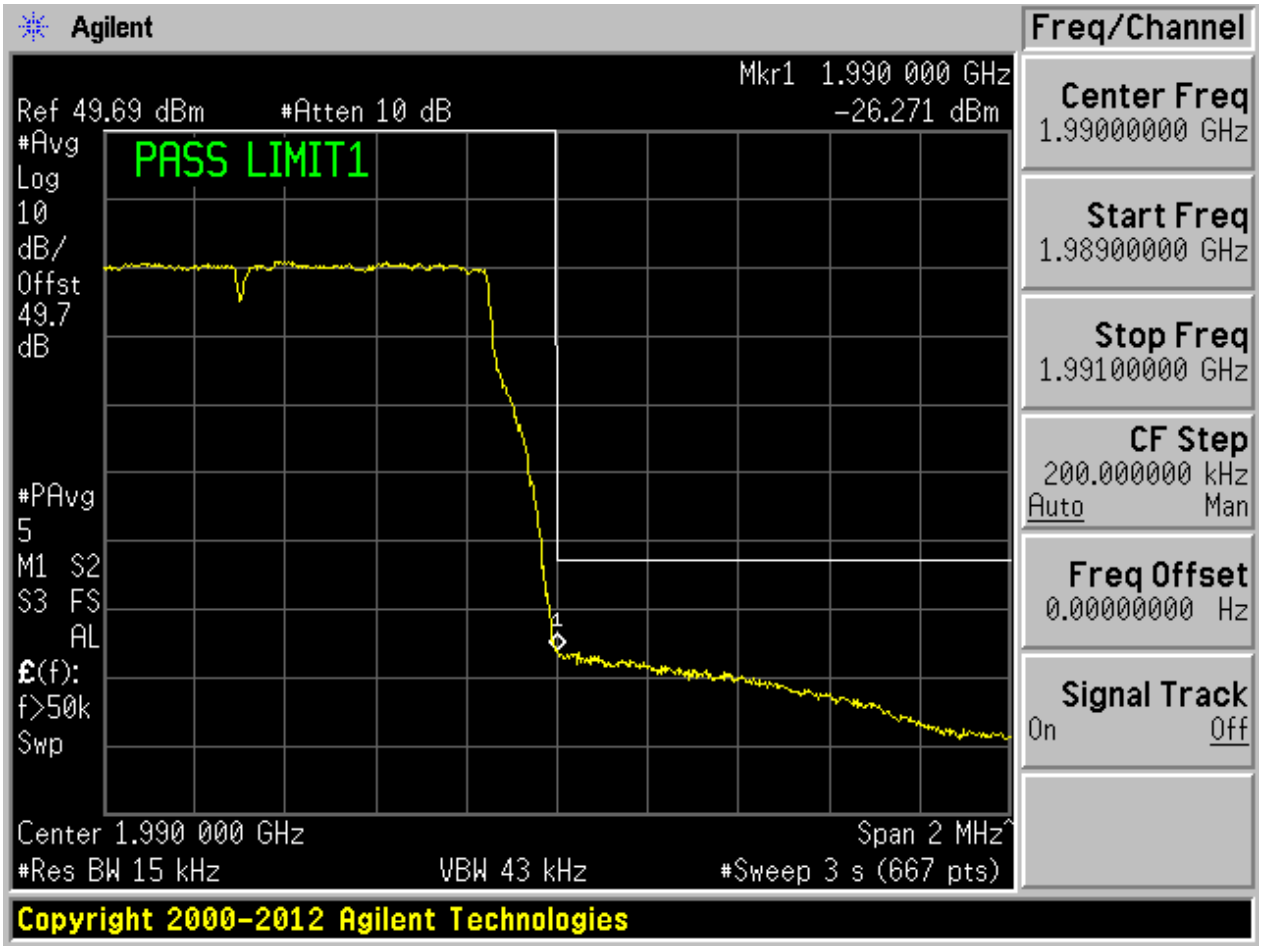
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.18 1L_1M4_T

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1990	2	0.015	RMS	Pass	667

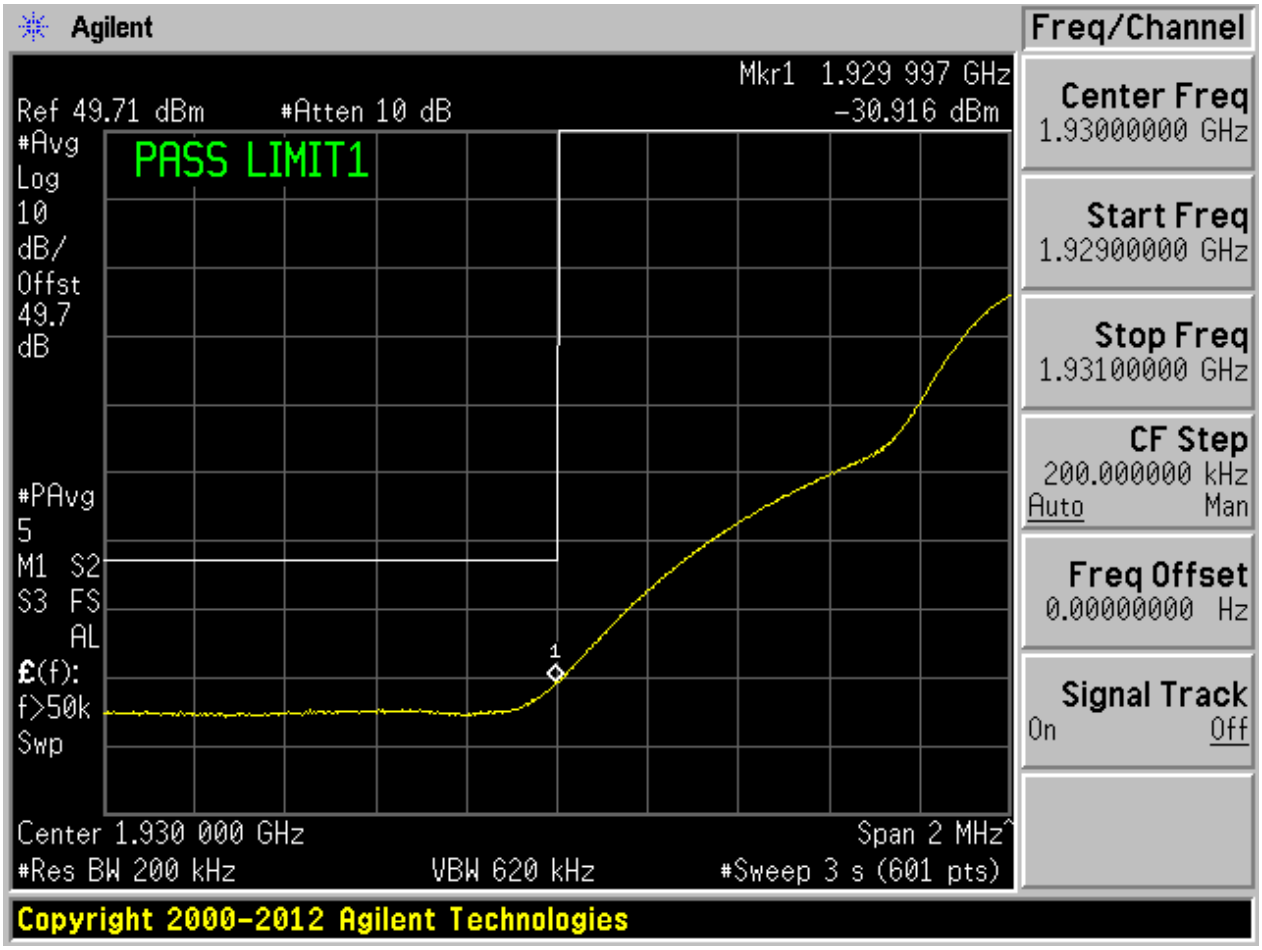
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.19 1L_20M_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.2	RMS	Pass	601

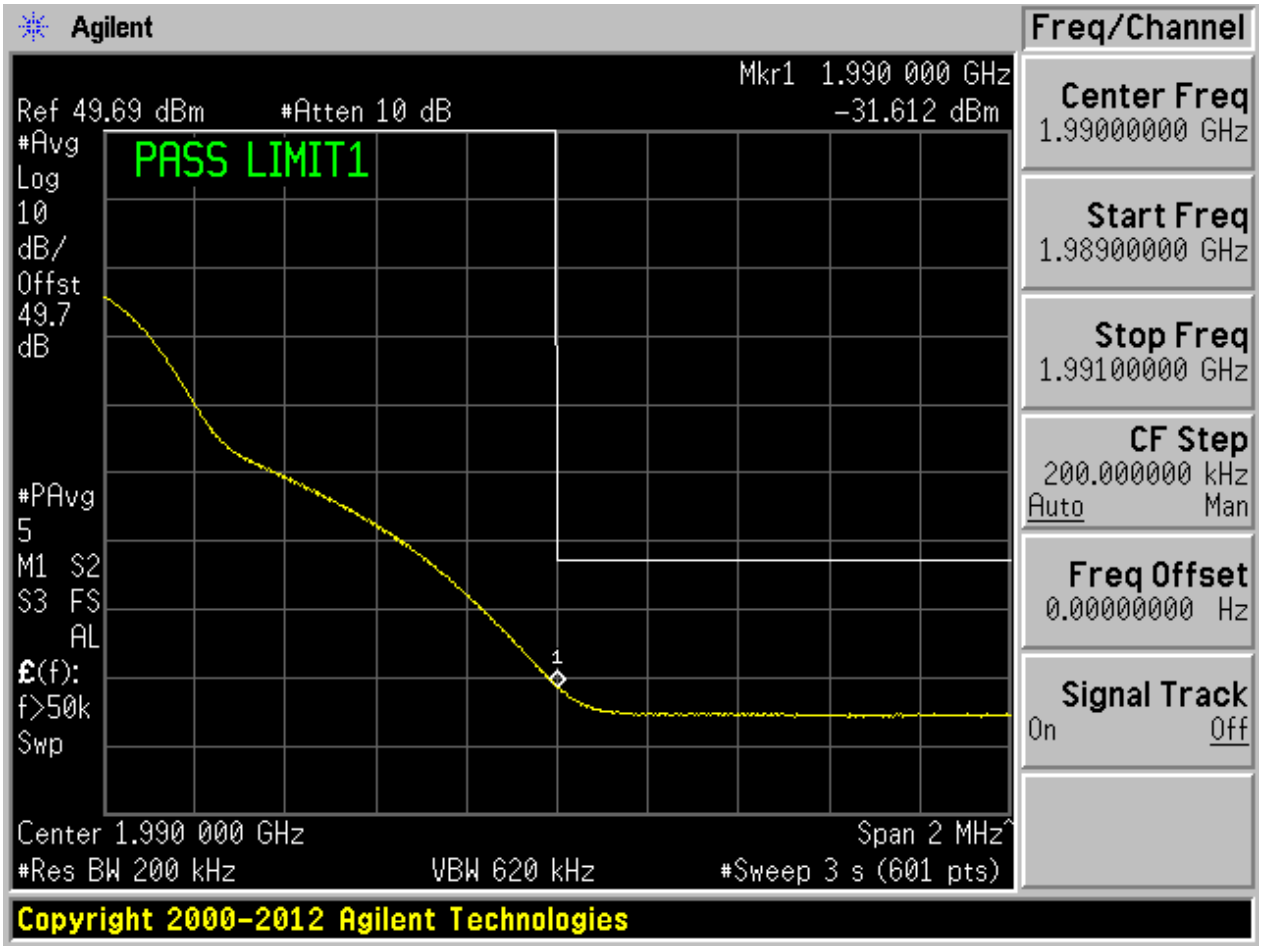
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.20 1L_20M_T

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1990	2	0.2	RMS	Pass	601

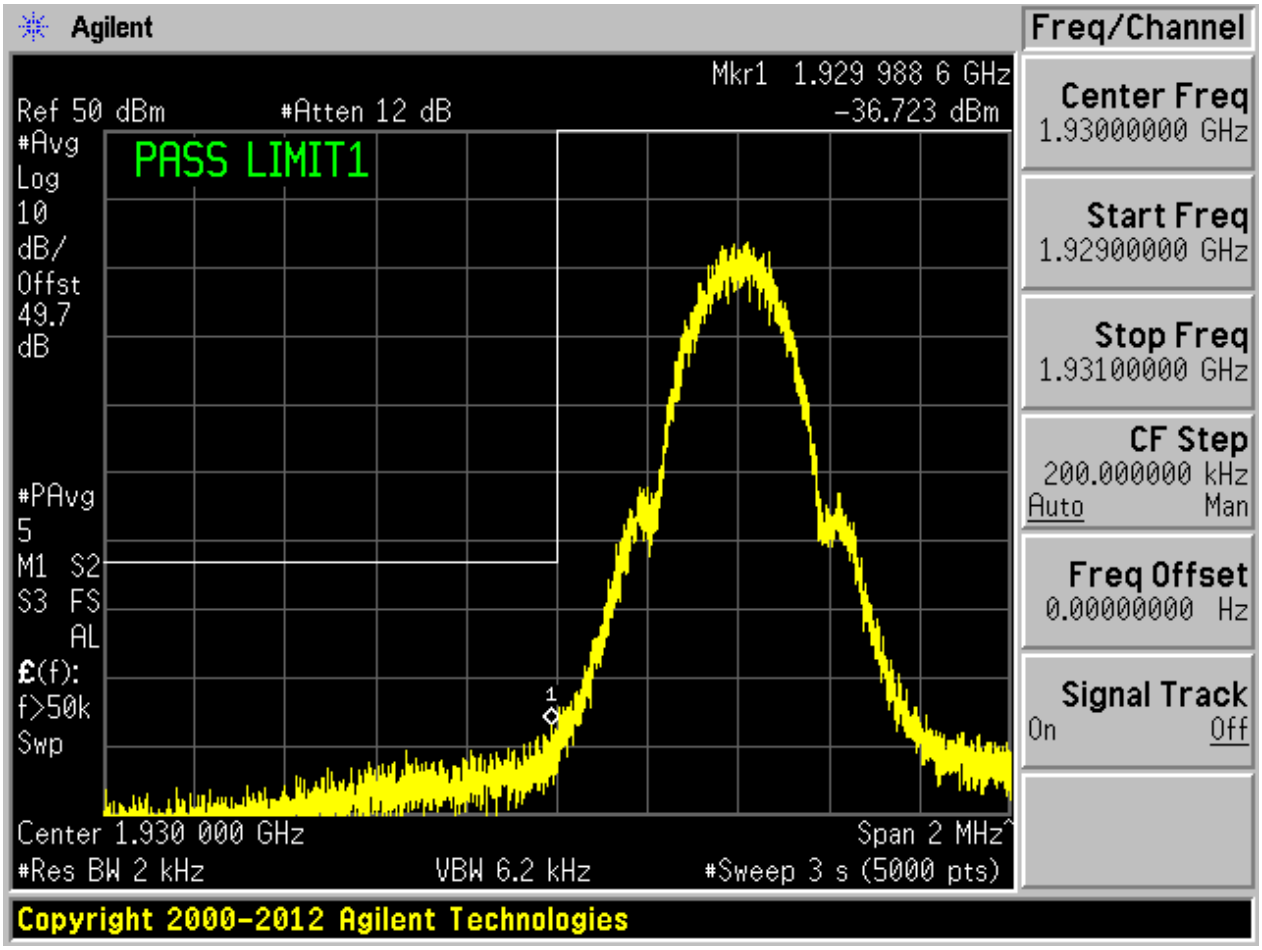
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.21 1G1L_1M4_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.002	RMS	Pass	5000

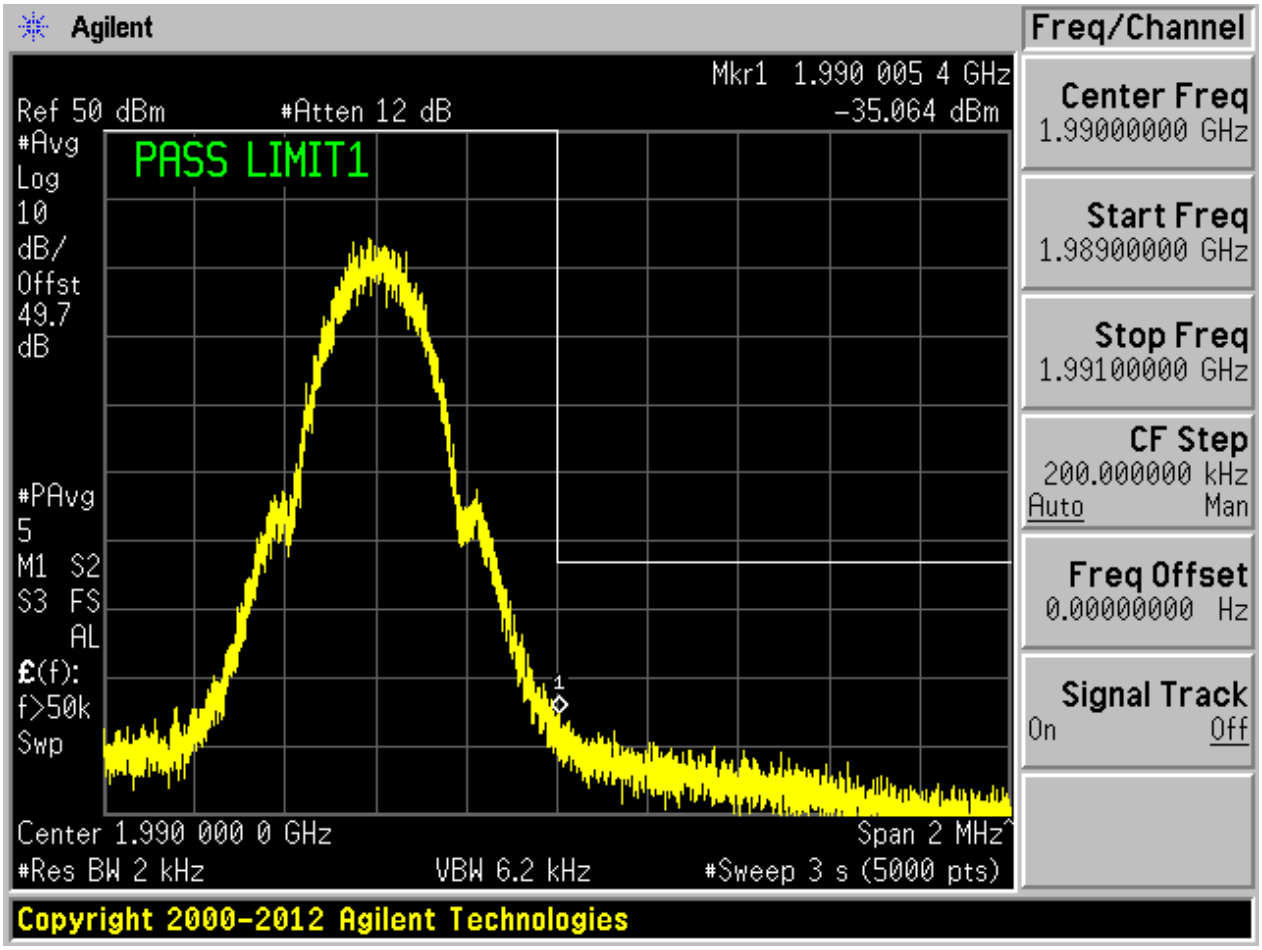
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.22 1G1L_1M4_T

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1990	2	0.002	RMS	Pass	5000

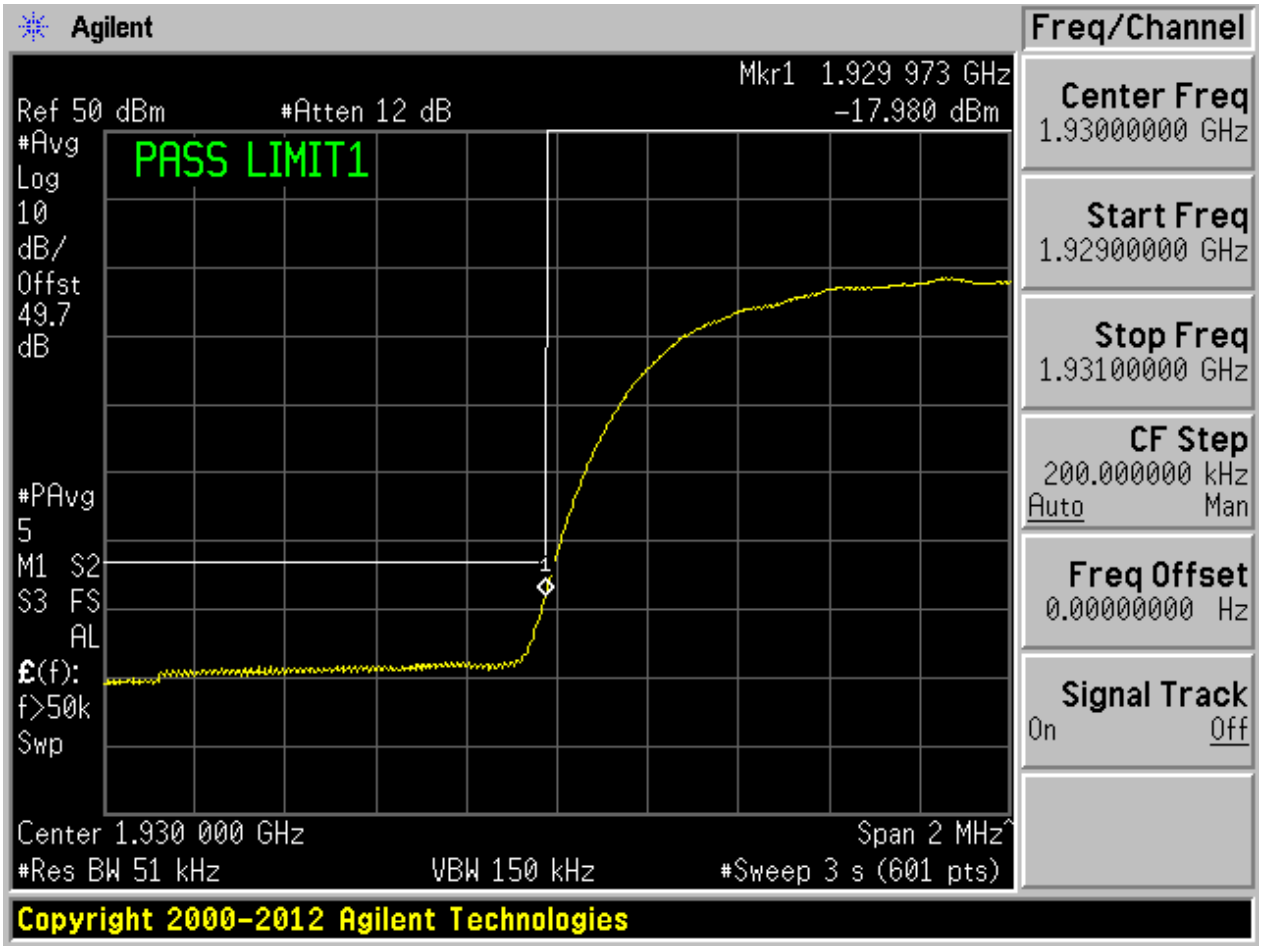
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



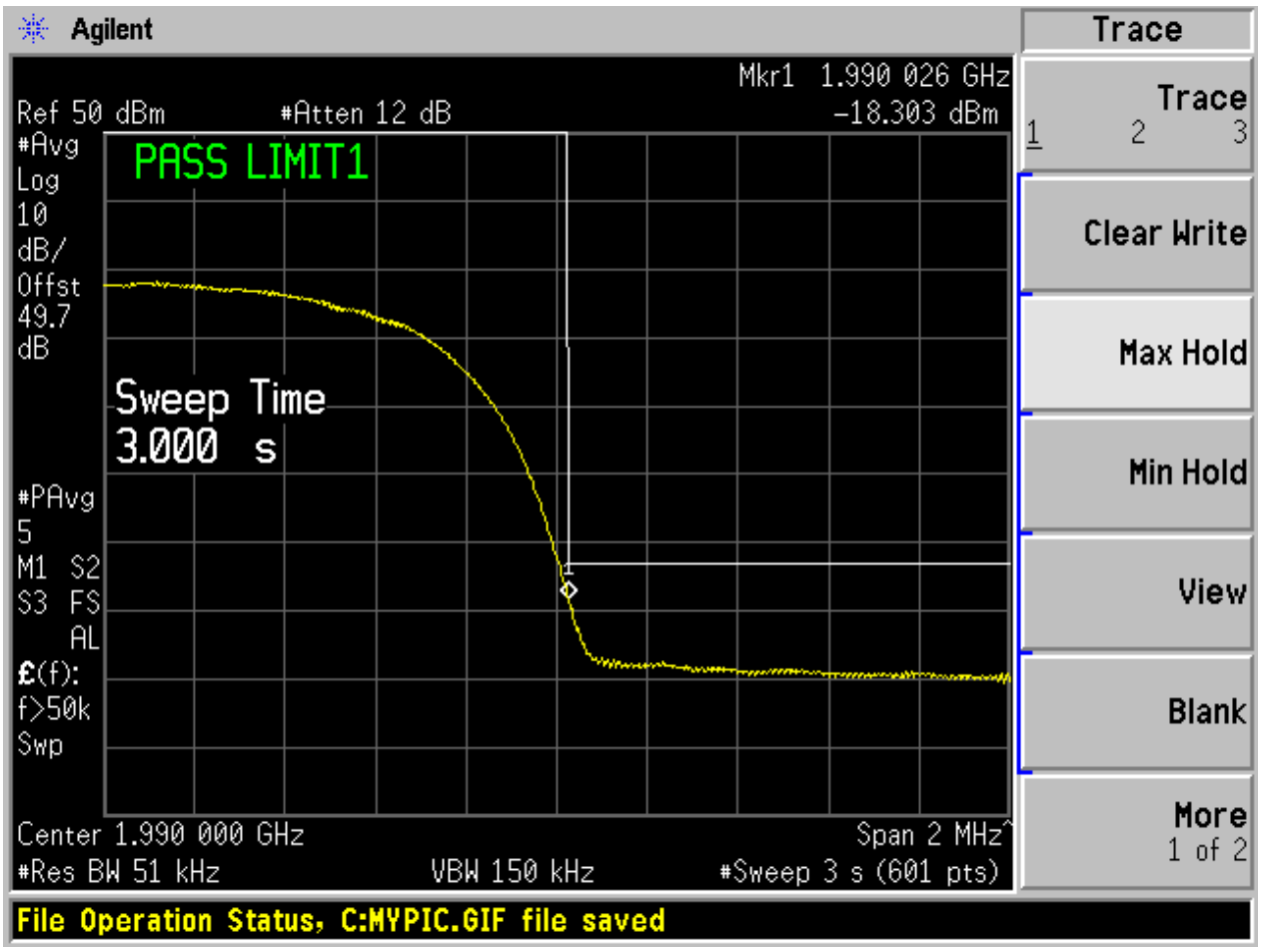
2.1.23 1U1L_1M4_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.051	RMS	Pass	601

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.1.24 1U1L_1M4_T



Appendix D2: Spurious Emission at Antenna Terminals

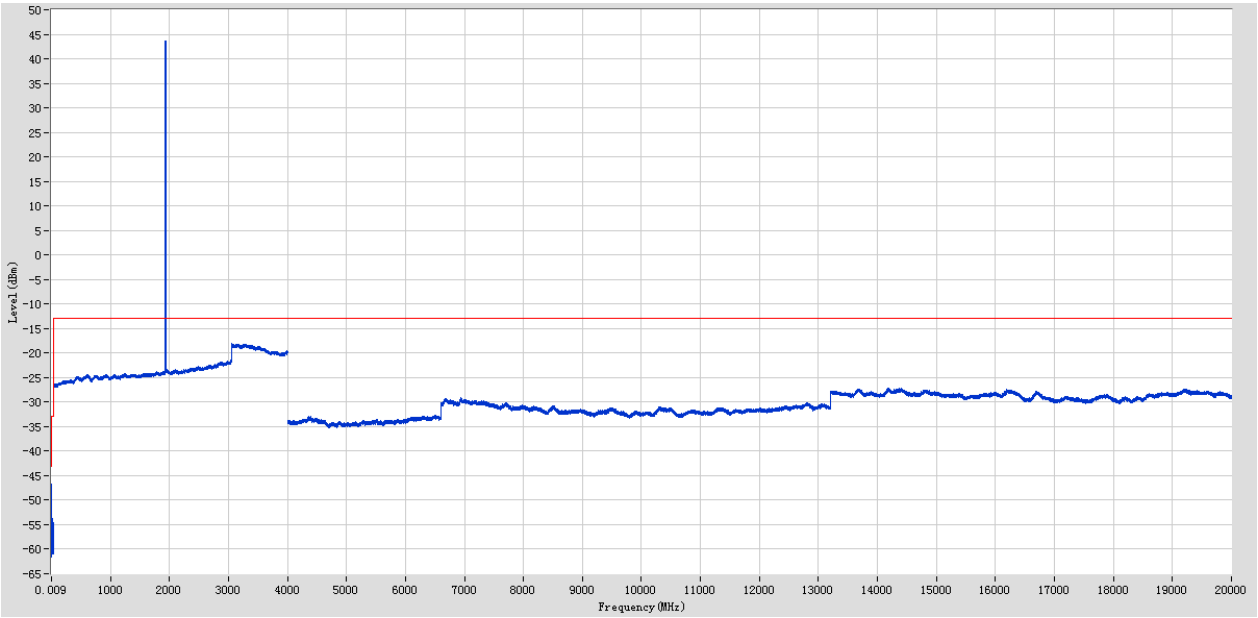
1 Result Table

EUT Conf.	Maximum Emission [dBm]	Verdict
1U_B	<-13	Pass
1U_T	<-13	Pass
4U_B	<-13	Pass
4U_T	<-13	Pass
1G_GMSK_B	<-13	Pass
1G_GMSK_T	<-13	Pass
6G_GMSK_B	<-13	Pass
6G_GMSK_T	<-13	Pass
1G1U_B	<-13	Pass
1G1U_T	<-13	Pass
3G1U_B	<-13	Pass
3G1U_T	<-13	Pass
1L_1M4_B	<-13	Pass
1L_1M4_T	<-13	Pass
1G1L_1M4_B	<-13	Pass
1G1L_1M4_T	<-13	Pass
1U1L_1M4_B	<-13	Pass
1U1L_1M4_T	<-13	Pass

2 Test Plot

2.1.1 1U_B

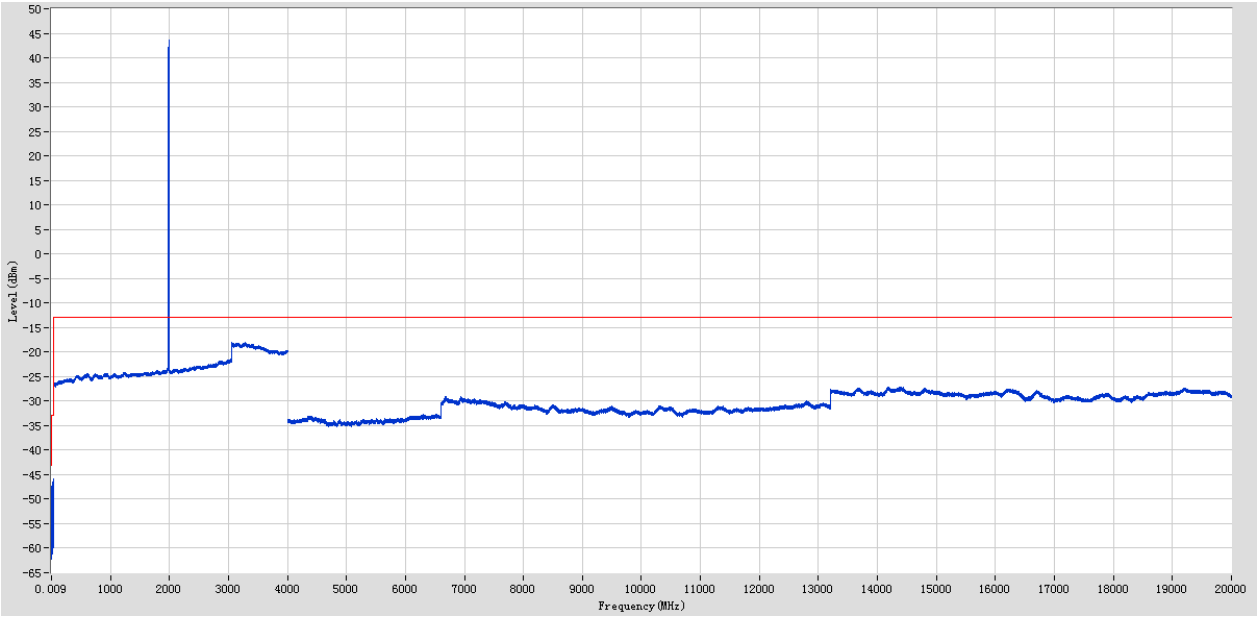
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	12.805 k	-49.17	-43	Pass	705
0.15	30	0.01	RMS	550.049 k	-46.79	-33	Pass	14925
30	4000	1	RMS	1931.832157 M	43.62	-13	Fail	19850
4000	10000	1	RMS	6939.358808 M	-29.15	-13	Pass	30000
10000	20000	1	RMS	14191.911708 M	-27.17	-13	Pass	50000



2.1.2 1U_T

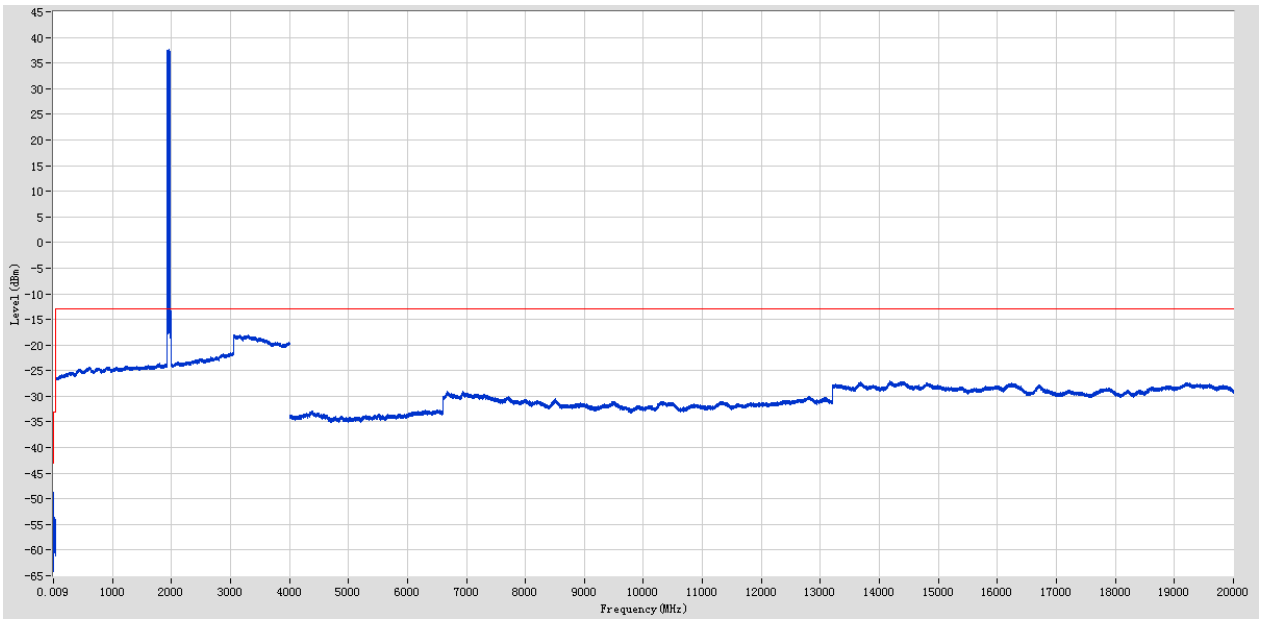
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	13.406 k	-49.15	-43	Pass	705
0.15	30	0.01	RMS	26.843531 M	-45.91	-33	Pass	14925
30	4000	1	RMS	1987.438945 M	43.59	-13	Fail	19850
4000	10000	1	RMS	6940.758979 M	-29.11	-13	Pass	30000
10000	20000	1	RMS	14181.710463 M	-27.18	-13	Pass	50000

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.1.3 4U_B

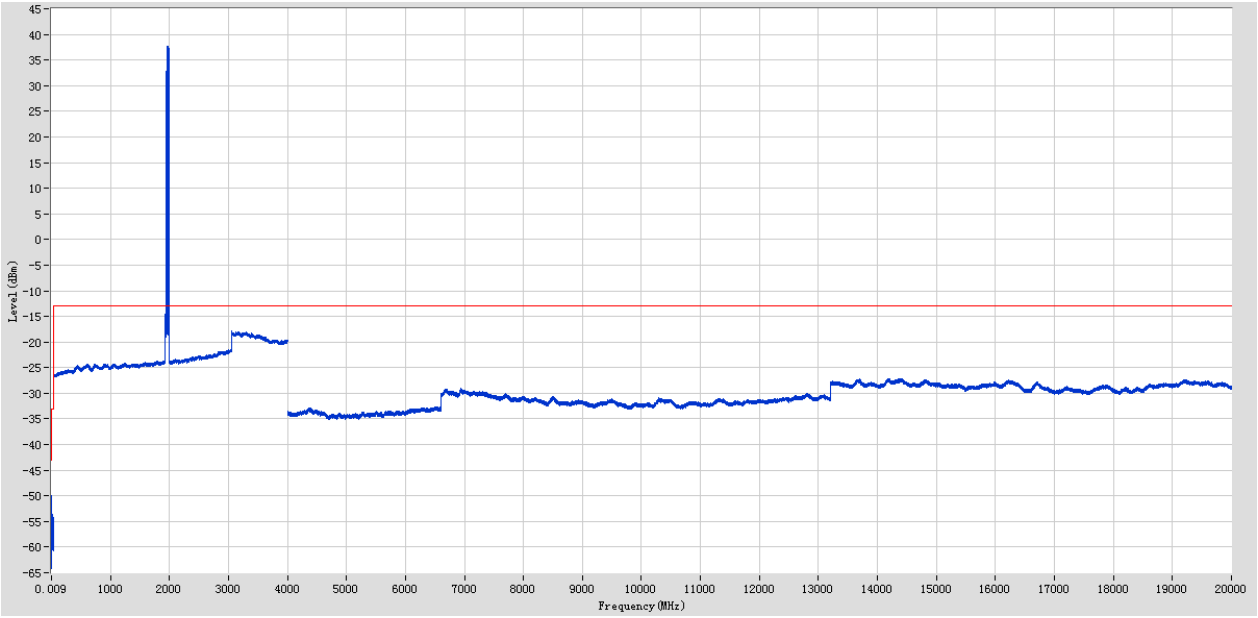
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	11.203 k	-49.75	-43	Pass	705
0.15	30	0.01	RMS	188.005 k	-48.76	-33	Pass	14925
30	4000	1	RMS	1955.235014 M	37.65	-13	Fail	19850
4000	10000	1	RMS	6939.558833 M	-29.01	-13	Pass	30000
10000	20000	1	RMS	14174.909633 M	-27.06	-13	Pass	50000

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
								

2.1.4 4U_T

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	9.2 k	-49.98	-43	Pass	705
0.15	30	0.01	RMS	150 k	-50.25	-33	Pass	14925
30	4000	1	RMS	1964.236113 M	37.78	-13	Fail	19850
4000	10000	1	RMS	6944.359419 M	-29.08	-13	Pass	30000
10000	20000	1	RMS	14201.712904 M	-27.09	-13	Pass	50000

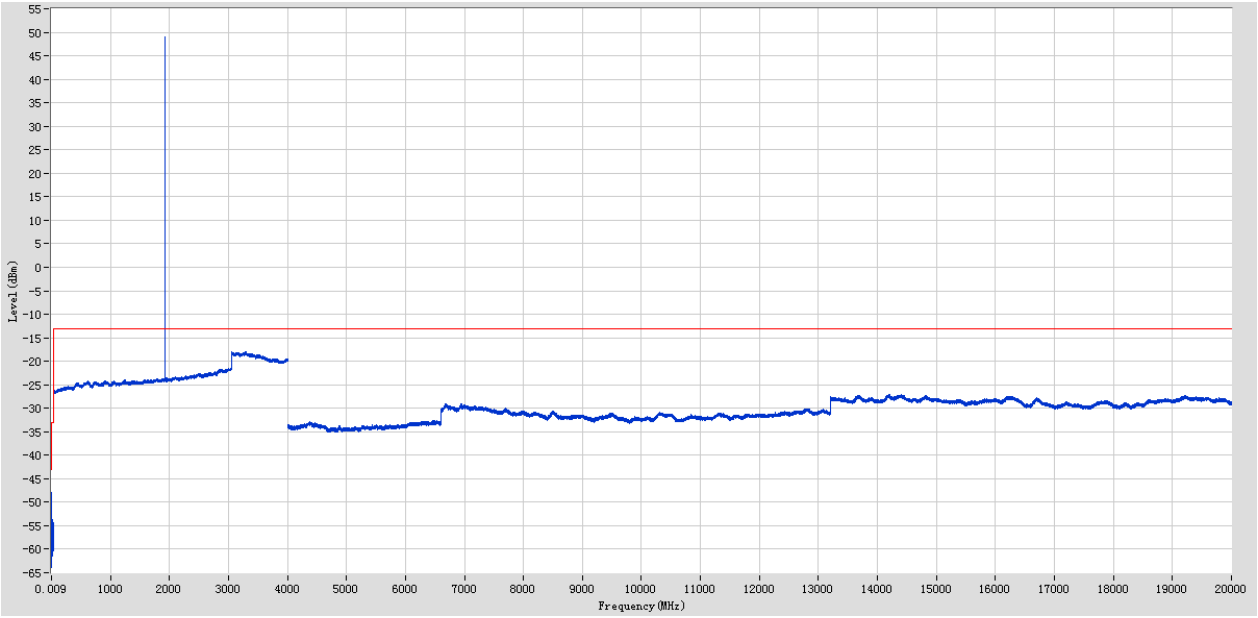
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.1.5 1G_GMSK_B

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	12.805 k	-47.99	-43	Pass	705
0.15	30	0.01	RMS	156.001 k	-48.85	-33	Pass	14925
30	4000	1	RMS	1930.431986 M	48.96	-13	Fail	19850
4000	10000	1	RMS	6683.527579 M	-28.99	-13	Pass	30000
10000	20000	1	RMS	14186.511049 M	-27.04	-13	Pass	50000

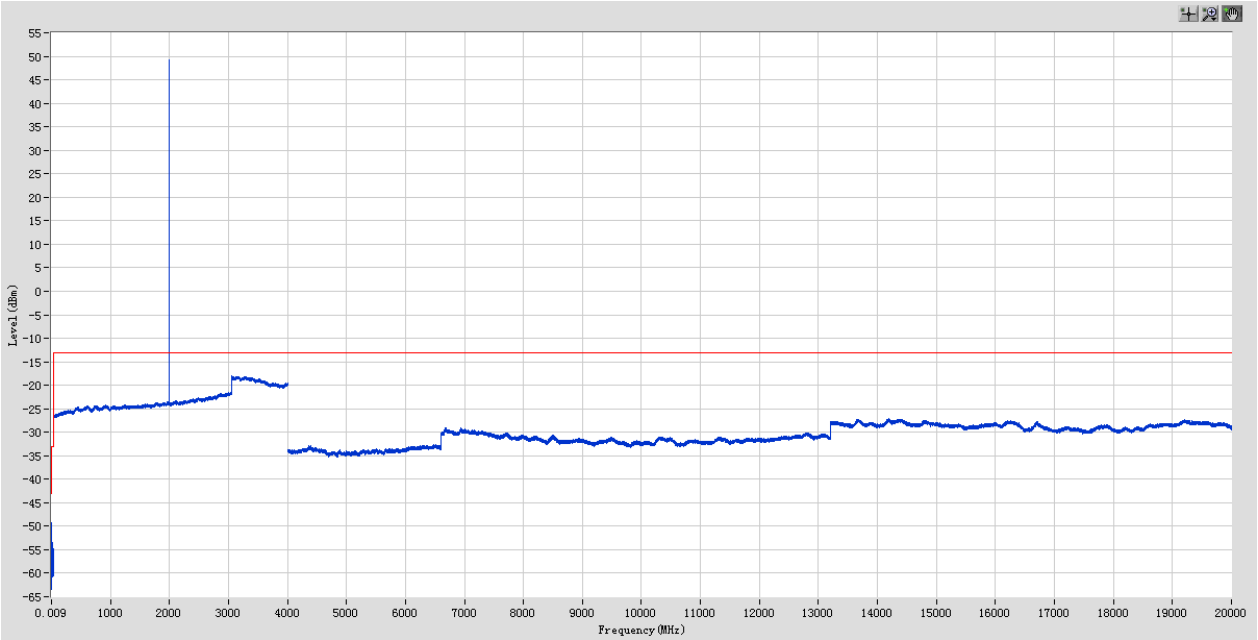
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.1.6 1G_GMSK_T

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	11.604 k	-50.75	-43	Pass	705
0.15	30	0.01	RMS	156.001 k	-49.2	-33	Pass	14925
30	4000	1	RMS	1989.639214 M	49.17	-13	Fail	19850
4000	10000	1	RMS	6676.526724 M	-29.12	-13	Pass	30000
10000	20000	1	RMS	14183.710707 M	-27.1	-13	Pass	50000

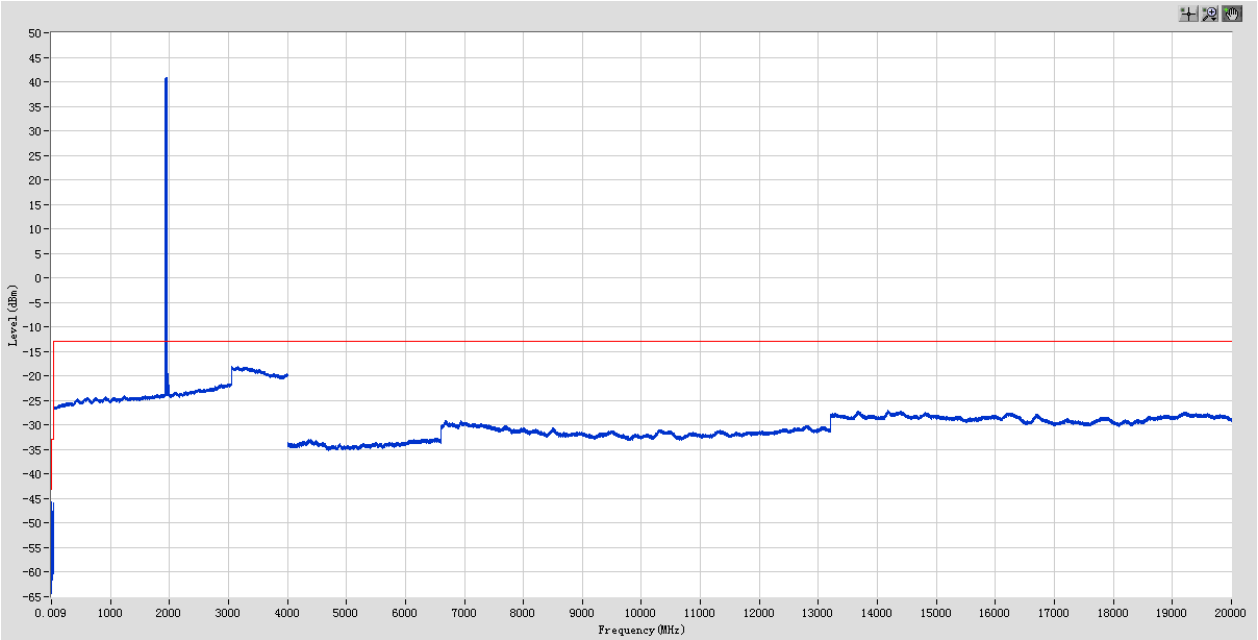
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.1.7 6G_GMSK_B

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	10.602 k	-47.76	-43	Pass	705
0.15	30	0.01	RMS	1.028107 M	-45.61	-33	Pass	14925
30	4000	1	RMS	1958.435405 M	40.89	-13	Fail	19850
4000	10000	1	RMS	6940.158906 M	-29.11	-13	Pass	30000
10000	20000	1	RMS	14176.709852 M	-27.02	-13	Pass	50000

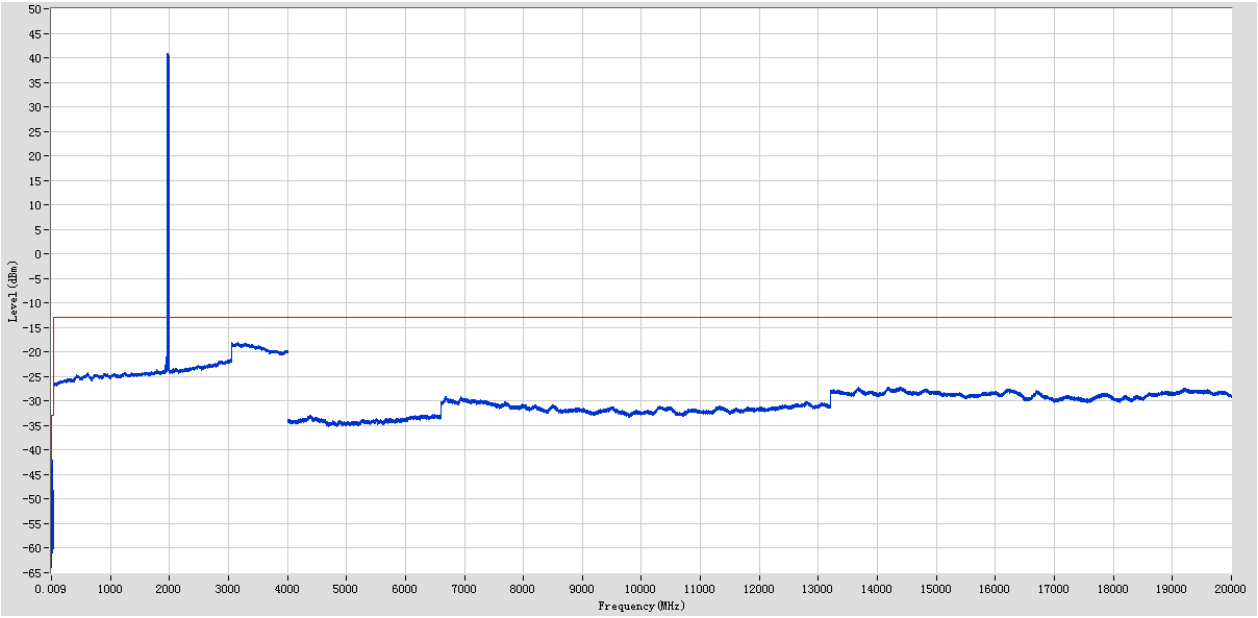
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.1.8 6G_GMSK_T

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	10.402 k	-49.14	-43	Pass	705
0.15	30	0.01	RMS	11.385372 M	-42.02	-33	Pass	14925
30	4000	1	RMS	1955.03499 M	40.93	-13	Fail	19850
4000	10000	1	RMS	6678.326944 M	-29.08	-13	Pass	30000
10000	20000	1	RMS	14177.309926 M	-27.19	-13	Pass	50000

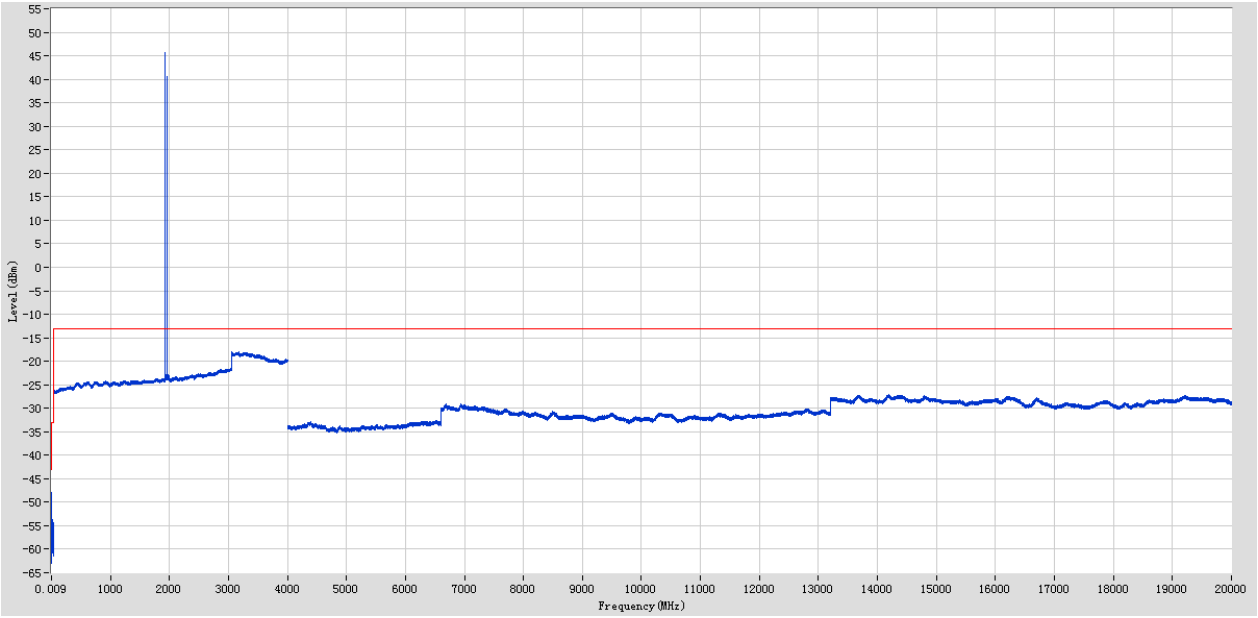
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.1.9 1G1U_B

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	11.403 k	-48.97	-43	Pass	705
0.15	30	0.01	RMS	1.984224 M	-47.83	-33	Pass	14925
30	4000	1	RMS	1930.431986 M	45.73	-13	Fail	19850
4000	10000	1	RMS	6938.358686 M	-29	-13	Pass	30000
10000	20000	1	RMS	14184.510805 M	-27.06	-13	Pass	50000

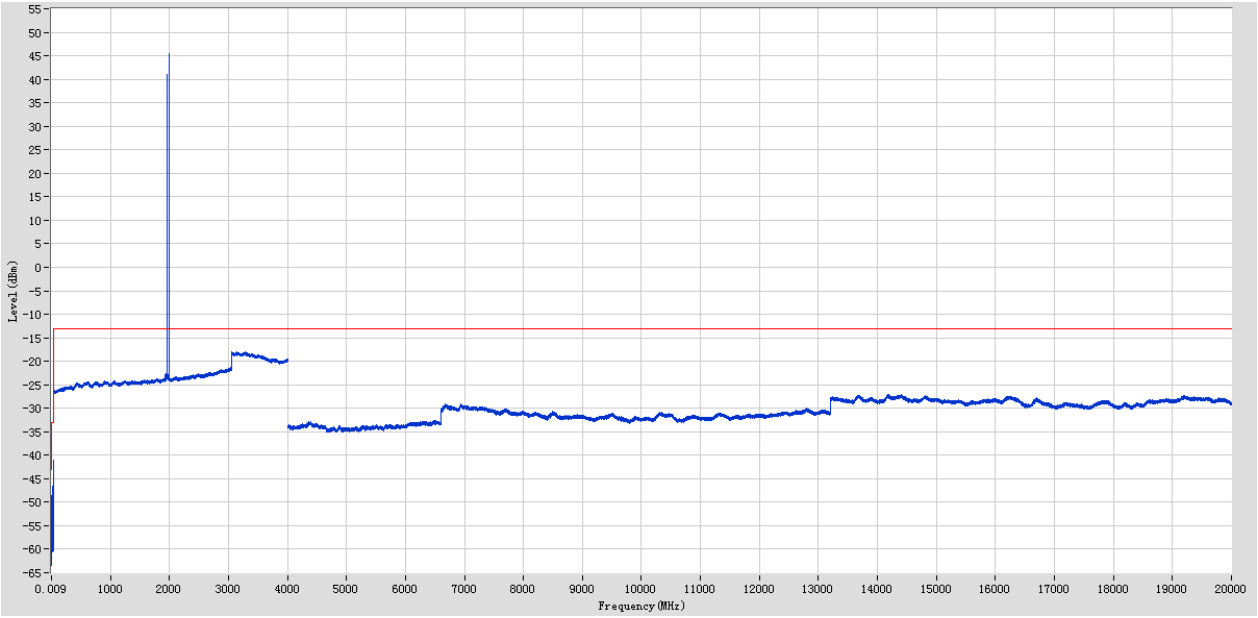
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.1.10 1G1U_T

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	9 k	-49.43	-43	Pass	705
0.15	30	0.01	RMS	28.967847 M	-41	-33	Pass	14925
30	4000	1	RMS	1989.639214 M	45.54	-13	Fail	19850
4000	10000	1	RMS	6673.726383 M	-29.05	-13	Pass	30000
10000	20000	1	RMS	14400.537175 M	-27.07	-13	Pass	50000

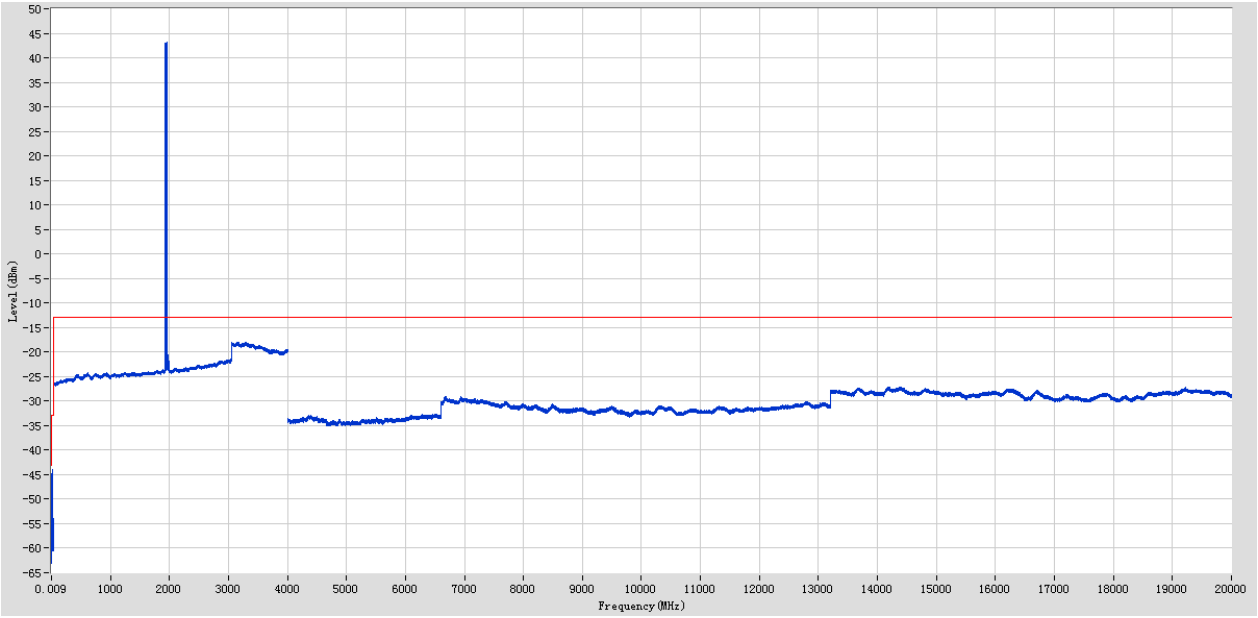
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.1.11 3G_1U_B

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	10.602 k	-47.94	-43	Pass	705
0.15	30	0.01	RMS	23.20099 M	-43.93	-33	Pass	14925
30	4000	1	RMS	1965.03621 M	43.14	-13	Fail	19850
4000	10000	1	RMS	6676.126676 M	-29.02	-13	Pass	30000
10000	20000	1	RMS	14186.911098 M	-27.1	-13	Pass	50000

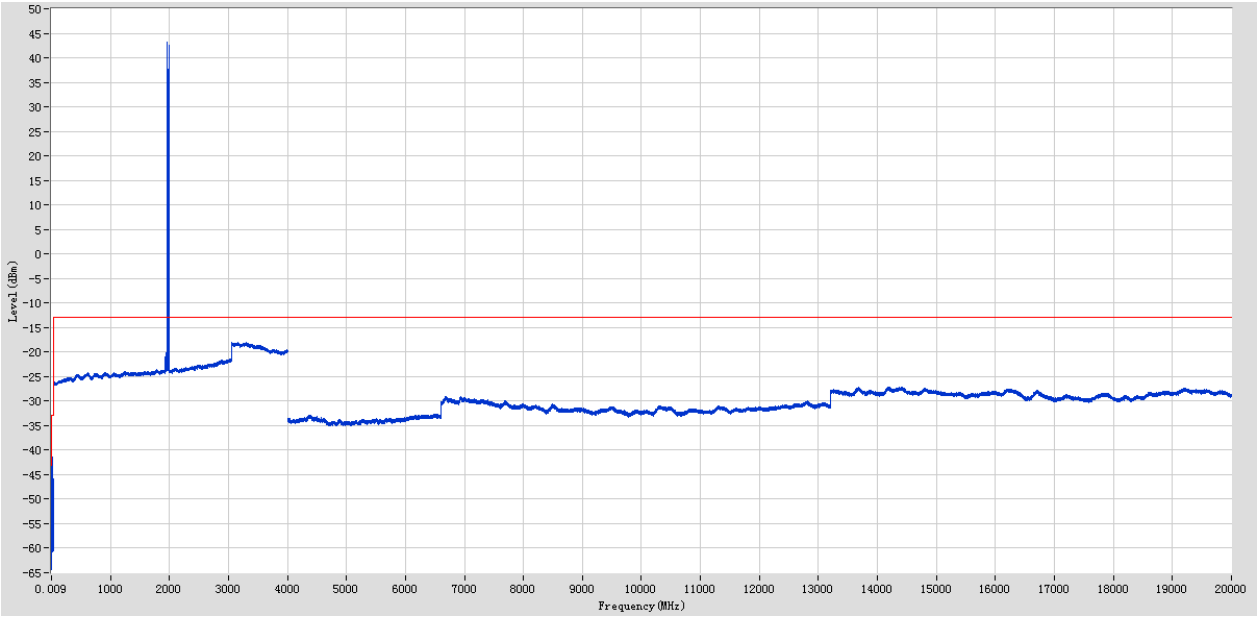
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.1.12 3G_1U_T

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	10.402 k	-48.97	-43	Pass	705
0.15	30	0.01	RMS	194.005 k	-40.88	-33	Pass	14925
30	4000	1	RMS	1966.83643 M	43.21	-13	Fail	19850
4000	10000	1	RMS	6683.12753 M	-29.04	-13	Pass	30000
10000	20000	1	RMS	14183.310658 M	-27.11	-13	Pass	50000

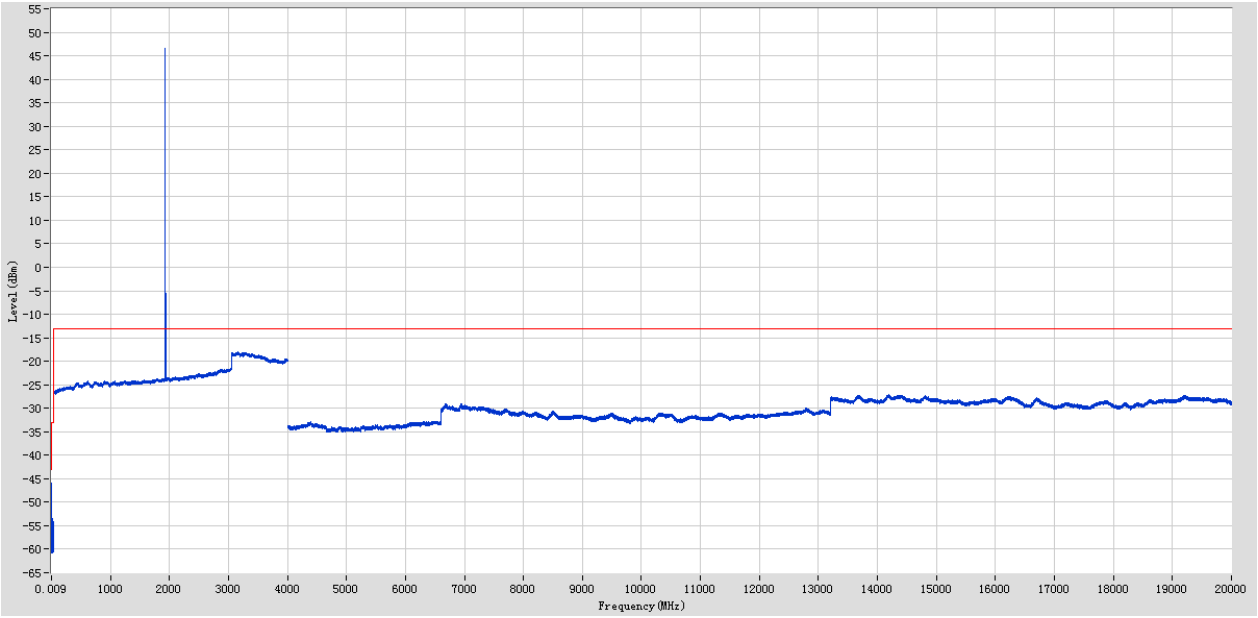
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.1.13 1L_1M4_B

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	9.801 k	-49.54	-43	Pass	705
0.15	30	0.01	RMS	180.004 k	-45.99	-33	Pass	14925
30	4000	1	RMS	1930.632011 M	46.66	-13	Fail	19850
4000	10000	1	RMS	6686.927994 M	-29.07	-13	Pass	30000
10000	20000	1	RMS	14189.711439 M	-27.11	-13	Pass	50000

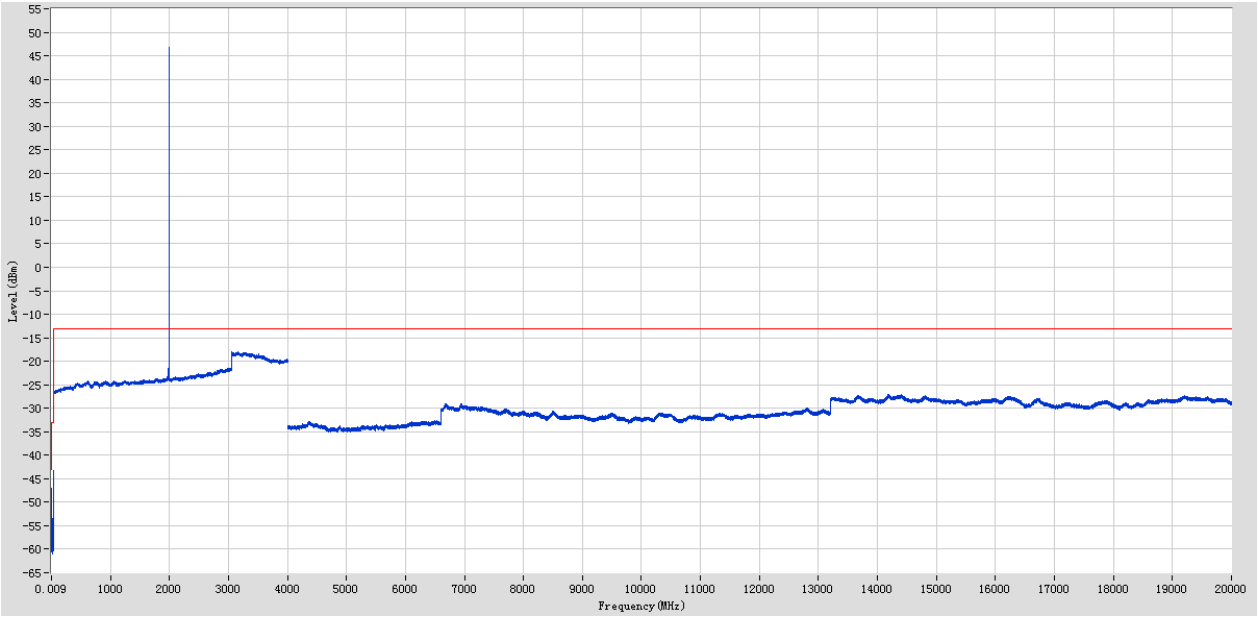
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.1.14 1L_1M4_T

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	15.81 k	-49.45	-43	Pass	705
0.15	30	0.01	RMS	28.557786 M	-43.37	-33	Pass	14925
30	4000	1	RMS	1989.239165 M	46.78	-13	Fail	19850
4000	10000	1	RMS	6945.159517 M	-29.04	-13	Pass	30000
10000	20000	1	RMS	14183.710707 M	-27.08	-13	Pass	50000

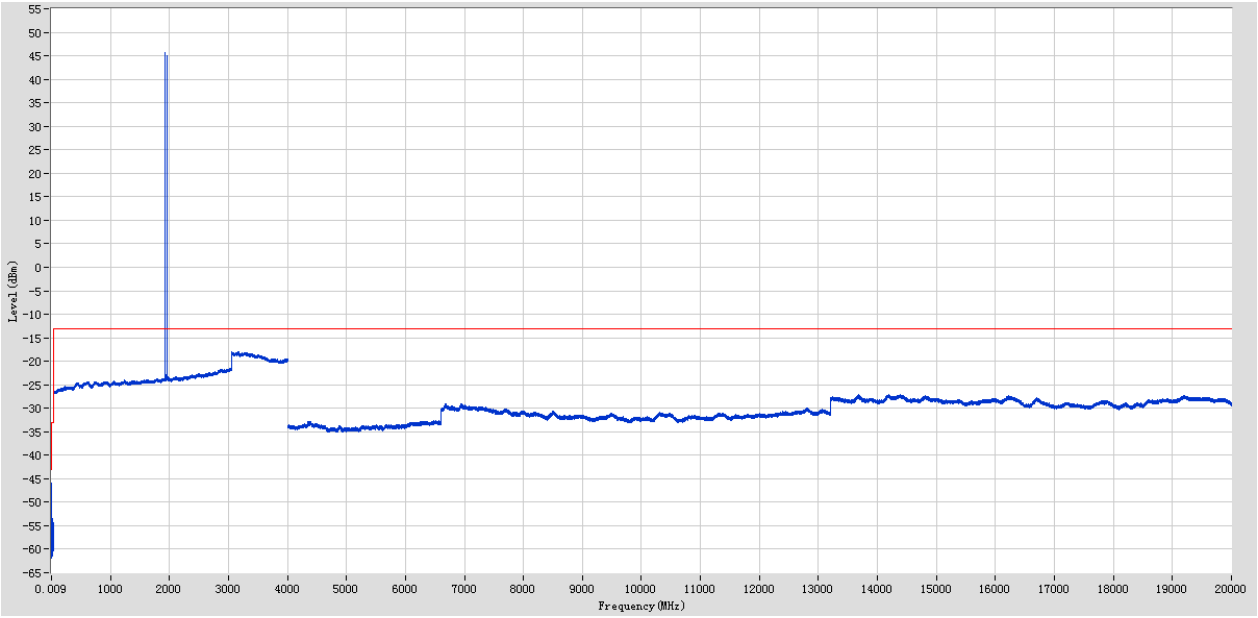
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.1.15 1G1L_1M4_B

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	11.804 k	-49.26	-43	Pass	705
0.15	30	0.01	RMS	3.728437 M	-46.03	-33	Pass	14925
30	4000	1	RMS	1930.431986 M	45.71	-13	Fail	19850
4000	10000	1	RMS	6681.527335 M	-29.03	-13	Pass	30000
10000	20000	1	RMS	14186.311024 M	-27.14	-13	Pass	50000

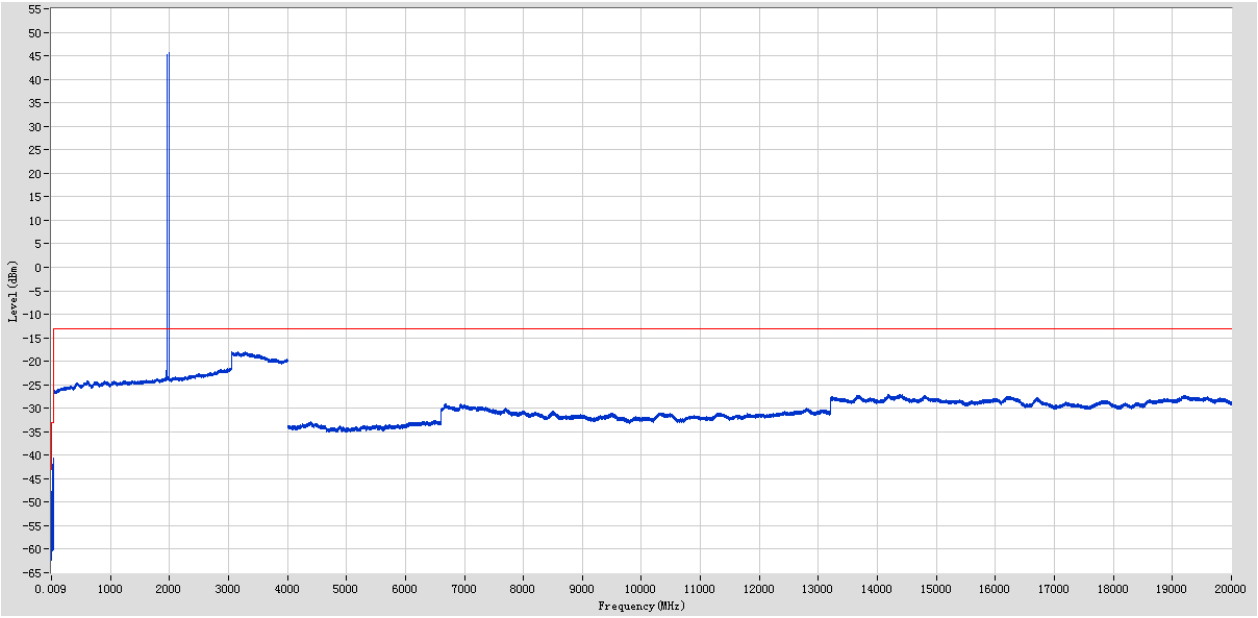
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.1.16 1G1L_1M4_T

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	11.804 k	-48.95	-43	Pass	705
0.15	30	0.01	RMS	28.967847 M	-40.58	-33	Pass	14925
30	4000	1	RMS	1989.639214 M	45.64	-13	Fail	19850
4000	10000	1	RMS	6683.727603 M	-29.08	-13	Pass	30000
10000	20000	1	RMS	14175.909755 M	-27.08	-13	Pass	50000

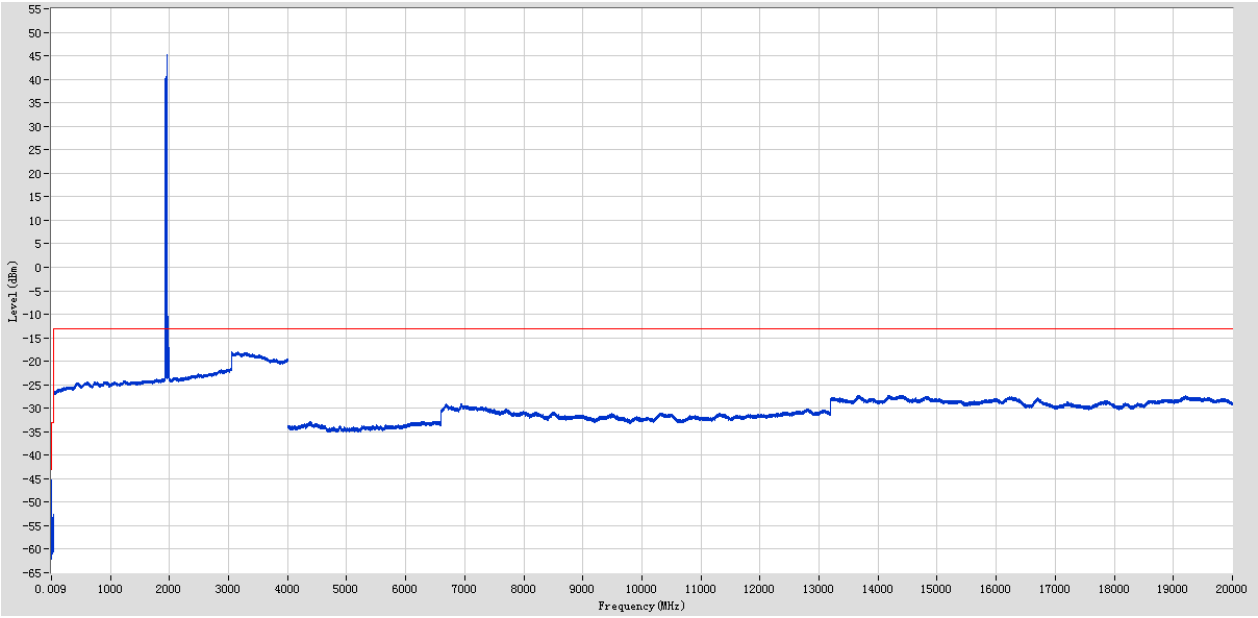
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.1.17 1U1L_1M4_B

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	10.202 k	-48.51	-43	Pass	705
0.15	30	0.01	RMS	3.58842 M	-45.36	-33	Pass	14925
30	4000	1	RMS	1964.236113 M	45.15	-13	Fail	19850
4000	10000	1	RMS	6937.958638 M	-29.03	-13	Pass	30000
10000	20000	1	RMS	14199.112587 M	-27.19	-13	Pass	50000

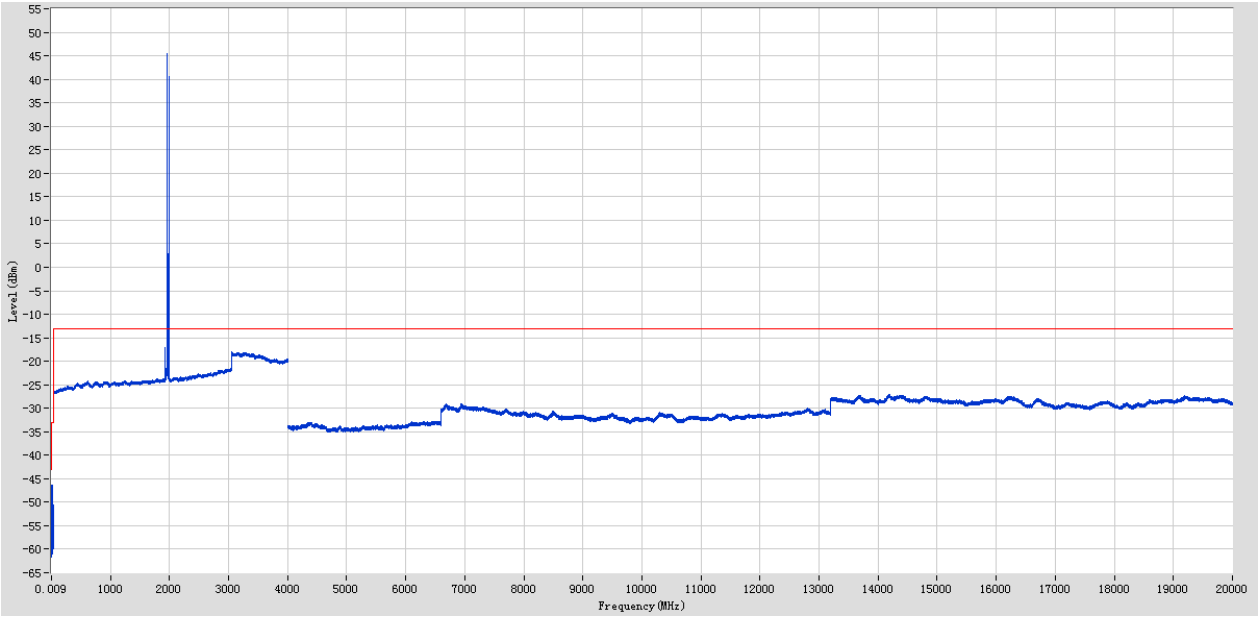
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.1.18 1U1L_1M4_T

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	12.605 k	-49.83	-43	Pass	705
0.15	30	0.01	RMS	11.335365 M	-46.32	-33	Pass	14925
30	4000	1	RMS	1955.835087 M	45.38	-13	Fail	19850
4000	10000	1	RMS	6688.528189 M	-29.09	-13	Pass	30000
10000	20000	1	RMS	14189.511415 M	-27.1	-13	Pass	50000

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



Appendix E2: Field Strength of Spurious Radiation

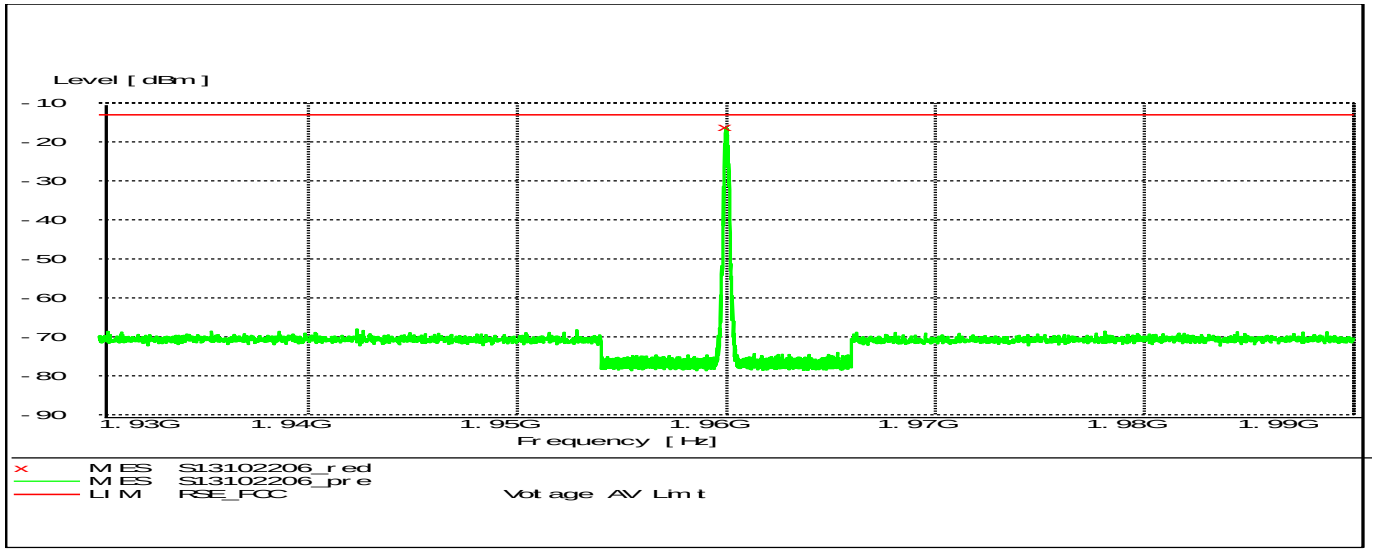
1 Result Table

EUT Conf.	Maximum Emission [dBm]	Verdict
1G_GMSK_M	<-13	Pass

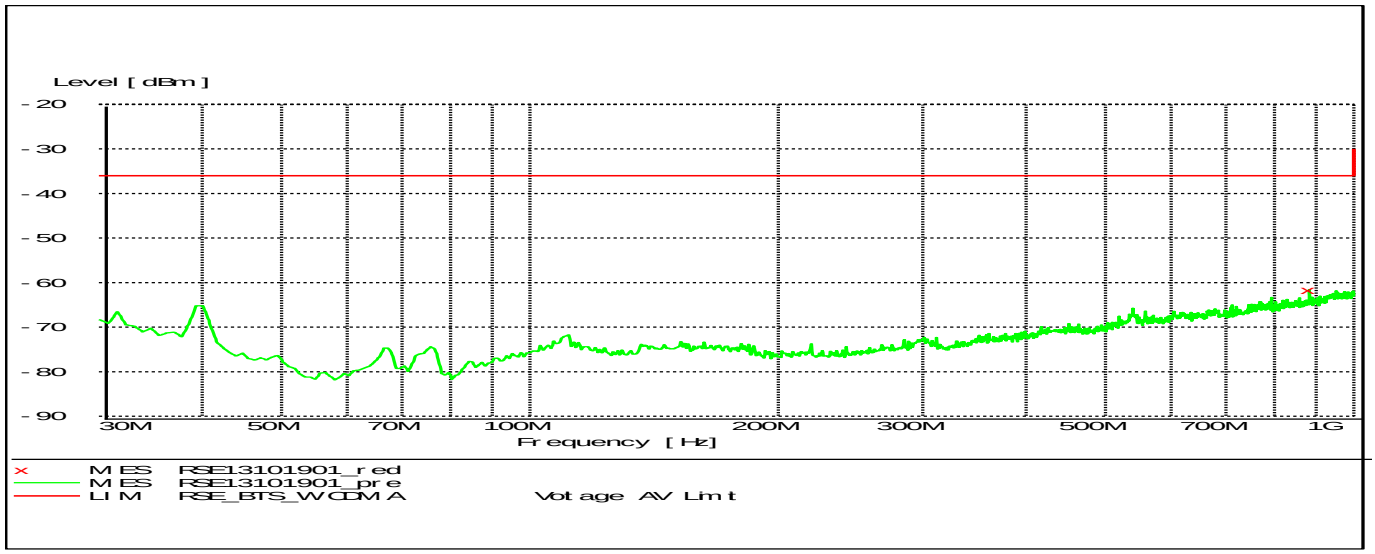
2 Test Plot

2.1 1G_GMSK_M

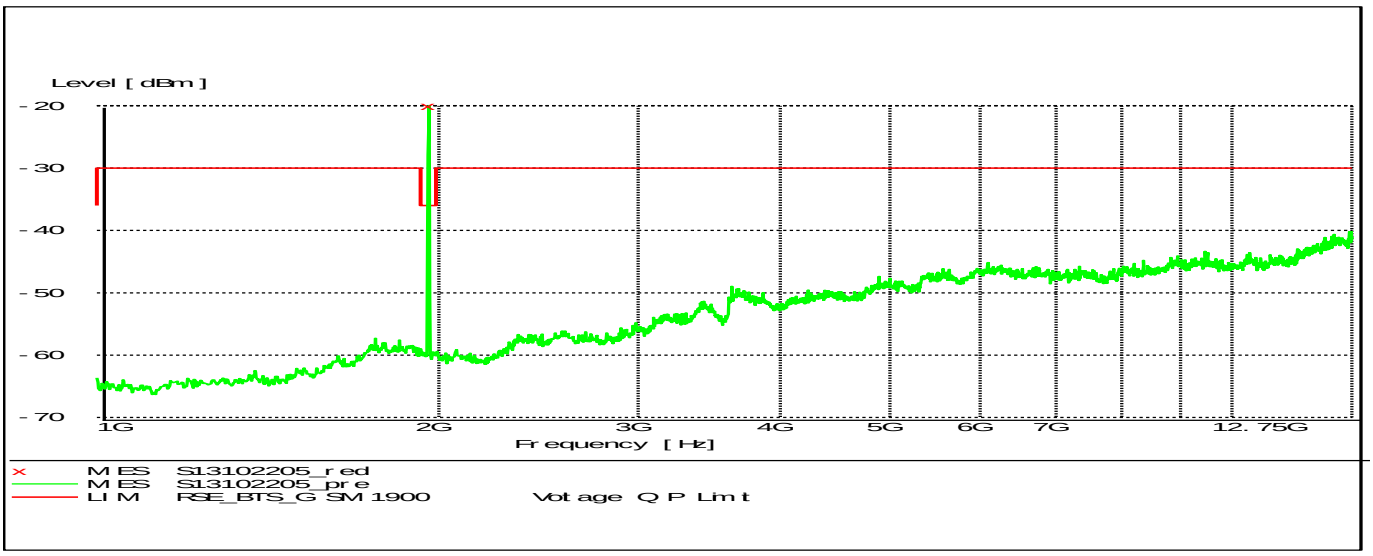
2.1.1 1930-1990MHz



2.1.2 30MHz-1GHz



2.1.3 1GHz-12.75GHz



2.1.4 12.75GHz-20GHz

(no obvious spikes found)

Appendix F2: Frequency Stability

1 Result Table

1.1 Frequency Error

(1) Frequency Error vs. Temperature:

GSM:

EUT Conf.	Voltage	Temperature	Freq. Error [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Verdict
1G_GMSK_M	100%	-30 °C	2.95	0.0015	0.0005	Pass
		-20 °C	2.36	0.0012	0.0002	Pass
		-10 °C	2.23	0.0011	0.0001	Pass
		0 °C	4.26	0.0022	0.0012	Pass
		+10 °C	1.88	0.0010	0.0000	Pass
		+20 °C	1.96	0.0010	0.0000	Pass
		+30 °C	2.46	0.0013	0.0003	Pass
		+40 °C	1.51	0.0008	-0.0002	Pass
		+50 °C	1.50	0.0008	-0.0002	Pass

UMTS:

EUT Conf.	Voltage	Temperature	Freq. Error [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Verdict
1U1L_1M4_B	100%	-30 °C	21.14	0.0109	0.0153	Pass
		-20 °C	3.69	0.0019	0.0063	Pass
		-10 °C	1.26	0.0007	0.0050	Pass
		0 °C	12.85	0.0066	0.0110	Pass
		+10 °C	8.65	0.0045	0.0089	Pass
		+20 °C	-8.49	-0.0044	0.0000	Pass
		+30 °C	-4.50	-0.0023	0.0021	Pass
		+40 °C	-6.30	-0.0033	0.0011	Pass
		+50 °C	-11.13	-0.0058	-0.0014	Pass

LTE:

EUT Conf.	Voltage	Temperature	Freq. Error [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Verdict
1U1L_1M4_B	100%	-30 °C	20.58	0.0105	0.0084	Pass
		-20 °C	11.95	0.0061	0.0040	Pass
		-10 °C	1.41	0.0007	-0.0014	Pass
		0 °C	16.11	0.0082	0.0061	Pass
		+10 °C	5.99	0.0030	0.0010	Pass
		+20 °C	4.08	0.0021	0.0000	Pass
		+30 °C	4.33	0.0022	0.0001	Pass
		+40 °C	4.64	0.0024	0.0003	Pass
		+50 °C	8.31	0.0042	0.0022	Pass

(2) Frequency Error vs. Voltage:

GSM:

EUT Conf.	Temperature	Voltage	Freq. Error [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Verdict
1G_GMSK_M	+20 °C	85 %	1.66	0.0008	-0.0002	Pass
		100 %	1.96	0.0010	0.0000	Pass
		115 %	0.58323	0.0003	-0.0007	Pass

UMTS:

EUT Conf.	Temperature	Voltage	Freq. Error [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Verdict
1U1L_1M4_B	+20 °C	85 %	-0.84932	-0.0004	0.0040	Pass
		100 %	-8.49	-0.0044	0.0000	Pass
		115 %	3.10	0.0016	0.0060	Pass

LTE:

EUT Conf.	Temperature	Voltage	Freq. Error [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Verdict
1U1L_1M4_B	+20 °C	85 %	1.66	0.0008	-0.0012	Pass
		100 %	4.08	0.0021	0.0000	Pass
		115 %	3.19	0.0016	-0.0005	Pass

1.2 Frequency Range

(Not applicable)

2 Test Plot

NOTE: Only the test plots for the measurements of Frequency Range are supplied.

(Not applicable)

Appendix G2: Receiver Spurious Emissions

1 Result Table

(Not applicable)

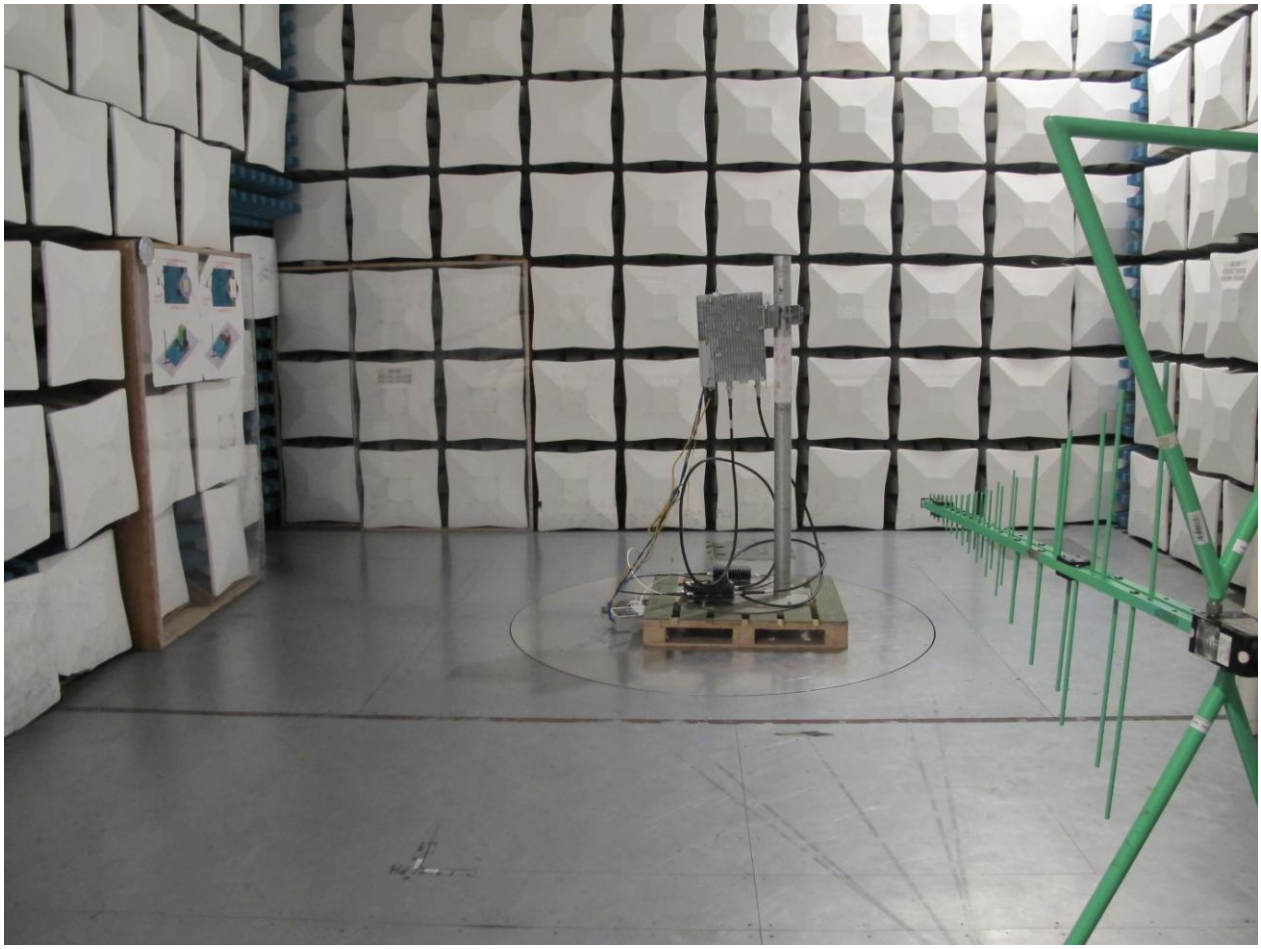
2 Test Plot

(Not applicable)

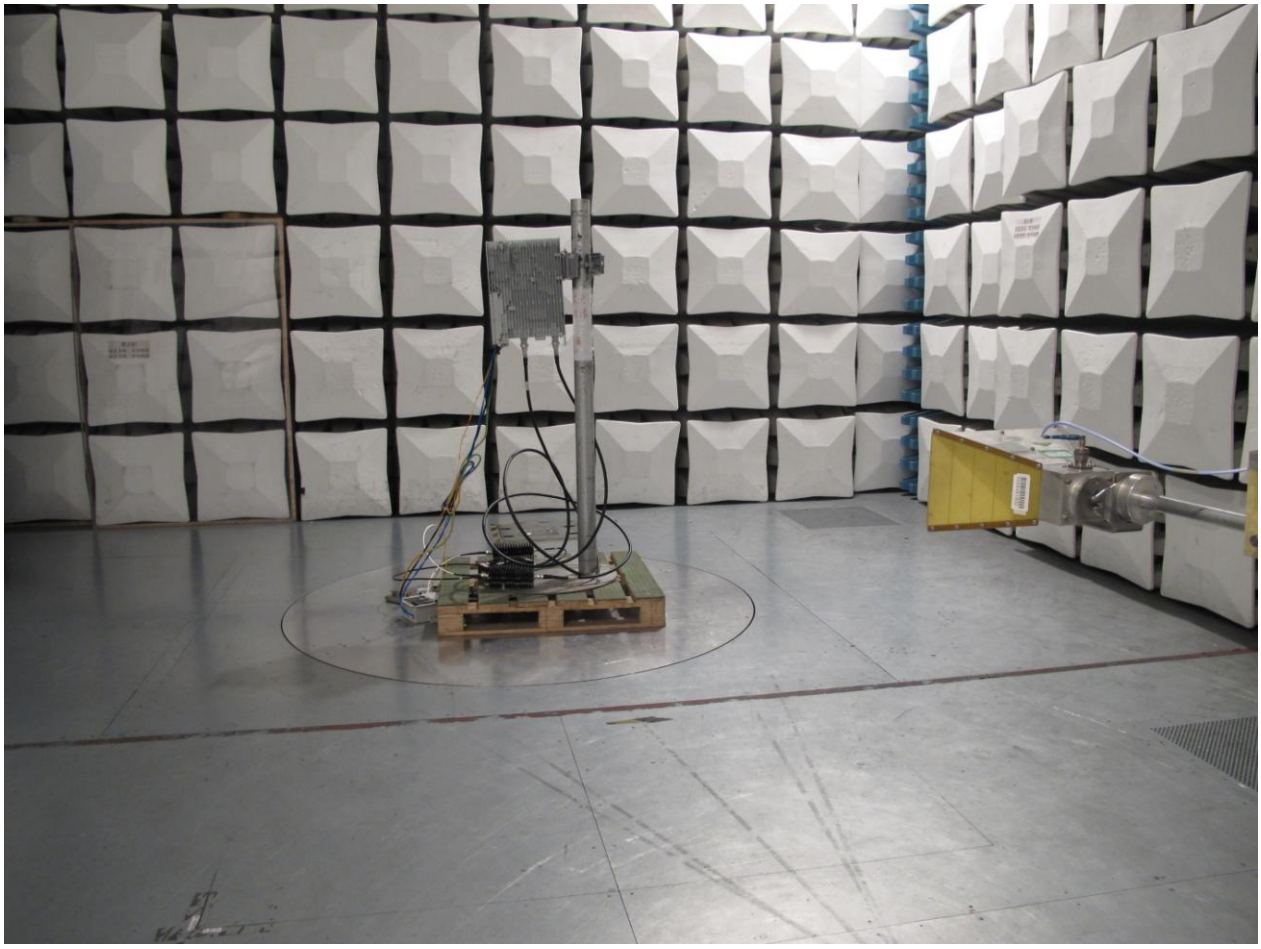
Appendix H2: Photos of Test Setups

1 Test Setup 3

1.1 Frequency range below 1 GHz



1.2 Frequency range above 1 GHz



END