Appendix A: Transmitter Output Power

1 Result Table

1.1 Channel Power, Total

NOTE 1: If applicable, the EIRP [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 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.	Output Power [dBm]	Offset from Rated [dB]	Antenna Gain [dBi]	EIRP [W]	ERP [W]	Verdict
1U_TM1_B_Band2	46.13	+0.13	14	1030.4	---	Pass
1U_TM1_M_Band2	46.08	+0.08	14	1018.6	---	Pass
1U_TM1_T_Band2	46.08	+0.08	14	1018.6	---	Pass
NTC_4U_TM1_B_Band2	40.26	+0.26	14	266.7	---	Pass
	40.19	+0.19	14	262.4	---	Pass
	40.18	+0.18	14	261.8	---	Pass
	40.19	+0.19	14	262.4	---	Pass
NTC_4U_TM1_T_Band2	40.17	+0.17	14	261.2	---	Pass
	40.16	+0.16	14	260.6	---	Pass
	40.13	+0.13	14	258.8	---	Pass
	40.07	+0.07	14	255.3	---	Pass
1L5M_TM1_B_Band2	45.58	-0.42	14	907.8	---	Pass
1L5M_TM1_M_Band2	45.53	-0.47	14	897.4	---	Pass
1L5M_TM1_T_Band2	45.56	-0.44	14	903.6	---	Pass
1L10M_TM1_B_Band2	45.6	-0.40	14	912.0	---	Pass
1L10M_TM1_M_Band2	45.49	-0.51	14	889.2	---	Pass
1L10M_TM1_T_Band2	45.48	-0.52	14	887.2	---	Pass
1L15M_TM1_B_Band2	45.53	-0.47	14	897.4	---	Pass

EUT Conf.	Output Power [dBm]	Offset from Rated [dB]	Antenna Gain [dBi]	EIRP [W]	ERP [W]	Verdict
1L15M_TM1_M_Band2	45.43	-0.57	14	877.0	---	Pass
1L15M_TM1_T_Band2	45.52	-0.48	14	895.4	---	Pass
1L20M_TM1_B_Band2	45.61	-0.39	14	914.1	---	Pass
1L20M_TM1_M_Band2	45.5	-0.50	14	891.3	---	Pass
1L20M_TM1_T_Band2	45.52	-0.48	14	895.4	---	Pass
NTC_4L_TM1_B_Band2	39.61	-0.39	14	229.6	---	Pass
	39.5	-0.50	14	223.9	---	Pass
	40.12	+0.12	14	258.2	---	Pass
	40.15	+0.15	14	260.0	---	Pass
NTC_4L_TM1_T_Band2	39.49	-0.51	14	223.4	---	Pass
	39.45	-0.55	14	221.3	---	Pass
	40.03	+0.03	14	252.9	---	Pass
	40.02	+0.02	14	252.3	---	Pass
1L5M_TM1_B_Band4	45.68	-0.32	14.5	1042.3	---	Pass
1L5M_TM1_M_Band4	45.82	-0.18	14.5	1076.5	---	Pass
1L5M_TM1_T_Band4	45.81	-0.19	14.5	1074.0	---	Pass
1L10M_TM1_B_Band4	45.76	-0.24	14.5	1061.7	---	Pass
1L10M_TM1_M_Band4	45.89	-0.11	14.5	1094.0	---	Pass
1L10M_TM1_T_Band4	45.87	-0.13	14.5	1088.9	---	Pass
1L15M_TM1_B_Band2	45.62	-0.38	14.5	1028.0	---	Pass
1L15M_TM1_M_Band4	45.82	-0.18	14.5	1076.5	---	Pass
1L15M_TM1_T_Band4	45.72	-0.28	14.5	1052.0	---	Pass
1L20M_TM1_B_Band4	45.72	-0.28	14.5	1052.0	---	Pass
1L20M_TM1_M_	45.76	-0.24	14.5	1061.7	---	Pass

EUT Conf.	Output Power [dBm]	Offset from Rated [dB]	Antenna Gain [dBi]	EIRP [W]	ERP [W]	Verdict
Band4						
1L20M_TM1_T_Band4	45.74	-0.26	14.5	1056.8	---	Pass
NTC_4L_TM1_B_Band4	39.65	-0.35	14.5	260.0	---	Pass
	39.62	-0.38	14.5	258.2	---	Pass
	40.18	+0.18	14.5	293.8	---	Pass
	40.2	+0.20	14.5	295.1	---	Pass
NTC_4L_TM1_T_Band4	39.82	-0.18	14.5	270.4	---	Pass
	39.77	-0.23	14.5	267.3	---	Pass
	40.38	+0.38	14.5	307.6	---	Pass
	40.36	+0.36	14.5	306.2	---	Pass
1U_B_band2+1L_T_band4	43.32	+0.32	14.5	605.3	---	Pass
	42.46	-0.54	14.5	496.6	---	Pass
NTC_1U1L_B_band2+NTC_2L_T_band4	40.31	+0.31	14.5	302.7	---	Pass
	39.75	-0.25	14.5	266.1	---	Pass
	39.5	-0.50	14.5	251.2	---	Pass
	39. 63	-0.37	14.5	258.8	---	Pass

1.2 Power Spectral Density

NOTE 1: If applicable, the EIRP [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 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.	Power Spectral Density [dBm/MHz]	Antenna Gain [dBi]	EIRP [W/MHz]	ERP [W/MHz]	Verdict
1U_TM1_B_Band2	40.57	14	286.4	---	Pass
1U_TM1_M_Band2	40.54	14	284.4	---	Pass
1U_TM1_T_Band2	40.54	14	284.4	---	Pass
1L5M_TM1_B_Ba	39.39	14	218.3	---	Pass

EUT Conf.	Power Spectral Density [dBm/MHz]	Antenna Gain [dBi]	EIRP [W/MHz]	ERP [W/MHz]	Verdict
nd2					
1L5M_TM1_M_Band2	39.24	14	210.9	---	Pass
1L5M_TM1_T_Band2	39.32	14	214.8	---	Pass
1L10M_TM1_B_Band2	36.47	14	111.4	---	Pass
1L10M_TM1_M_Band2	36.35	14	108.4	---	Pass
1L10M_TM1_T_Band2	36.45	14	110.9	---	Pass
1L15M_TM1_B_Band2	34.72	14	74.5	---	Pass
1L15M_TM1_M_Band2	34.54	14	71.4	---	Pass
1L15M_TM1_T_Band2	34.79	14	75.7	---	Pass
1L20M_TM1_B_Band2	33.54	14	56.8	---	Pass
1L20M_TM1_M_Band2	33.39	14	54.8	---	Pass
1L20M_TM1_T_Band2	33.5	14	56.2	---	Pass
1L5M_TM1_B_Band4	39.27	14.5	238.2	---	Pass
1L5M_TM1_M_Band4	39.53	14.5	252.9	---	Pass
1L5M_TM1_T_Band4	39.56	14.5	254.7	---	Pass
1L10M_TM1_B_Band4	36.63	14.5	129.7	---	Pass
1L10M_TM1_M_Band4	36.76	14.5	133.7	---	Pass
1L10M_TM1_T_Band4	36.71	14.5	132.1	---	Pass
1L15M_TM1_B_Band2	34.86	14.5	86.3	---	Pass
1L15M_TM1_M_Band4	34.84	14.5	85.9	---	Pass
1L15M_TM1_T_Band4	34.77	14.5	84.5	---	Pass

EUT Conf.	Power Spectral Density [dBm/MHz]	Antenna Gain [dBi]	EIRP [W/MHz]	ERP [W/MHz]	Verdict
1L20M_TM1_B_Band4	33.61	14.5	64.7	---	Pass
1L20M_TM1_M_Band4	33.59	14.5	64.4	---	Pass
1L20M_TM1_T_Band4	33.53	14.5	63.5	---	Pass

1.3 Peak-to-Average Ratio

EUT Conf.	Peak-to-Average Ratio@0.1% [dB]	Verdict
1U_TM1_B_Band2	6.89	Pass
1U_TM1_M_Band2	6.90	Pass
1U_TM1_T_Band2	6.89	Pass
1L5M_TM1_B_Band2	7.43	Pass
1L5M_TM1_M_Band2	7.43	Pass
1L5M_TM1_T_Band2	7.44	Pass
1L10M_TM1_B_Band2	7.79	Pass
1L10M_TM1_M_Band2	7.74	Pass
1L10M_TM1_T_Band2	7.77	Pass
1L15M_TM1_B_Band2	7.92	Pass
1L15M_TM1_M_Band2	7.81	Pass
1L15M_TM1_T_Band2	7.89	Pass
1L20M_TM1_B_Band2	7.93	Pass
1L20M_TM1_M_Band2	7.76	Pass
1L20M_TM1_T_Band2	7.85	Pass
1L5M_TM1_B_Band4	7.43	Pass
1L5M_TM1_M_Band4	7.43	Pass

EUT Conf.	Peak-to-Average Ratio@0.1% [dB]	Verdict
1L5M_TM1_T_Band4	7.42	Pass
1L10M_TM1_B_Band4	7.77	Pass
1L10M_TM1_M_Band4	7.73	Pass
1L10M_TM1_T_Band4	7.76	Pass
1L15M_TM1_B_Band2	7.86	Pass
1L15M_TM1_M_Band4	7.81	Pass
1L15M_TM1_T_Band4	7.86	Pass
1L20M_TM1_B_Band4	7.83	Pass
1L20M_TM1_M_Band4	7.76	Pass
1L20M_TM1_T_Band4	7.81	Pass

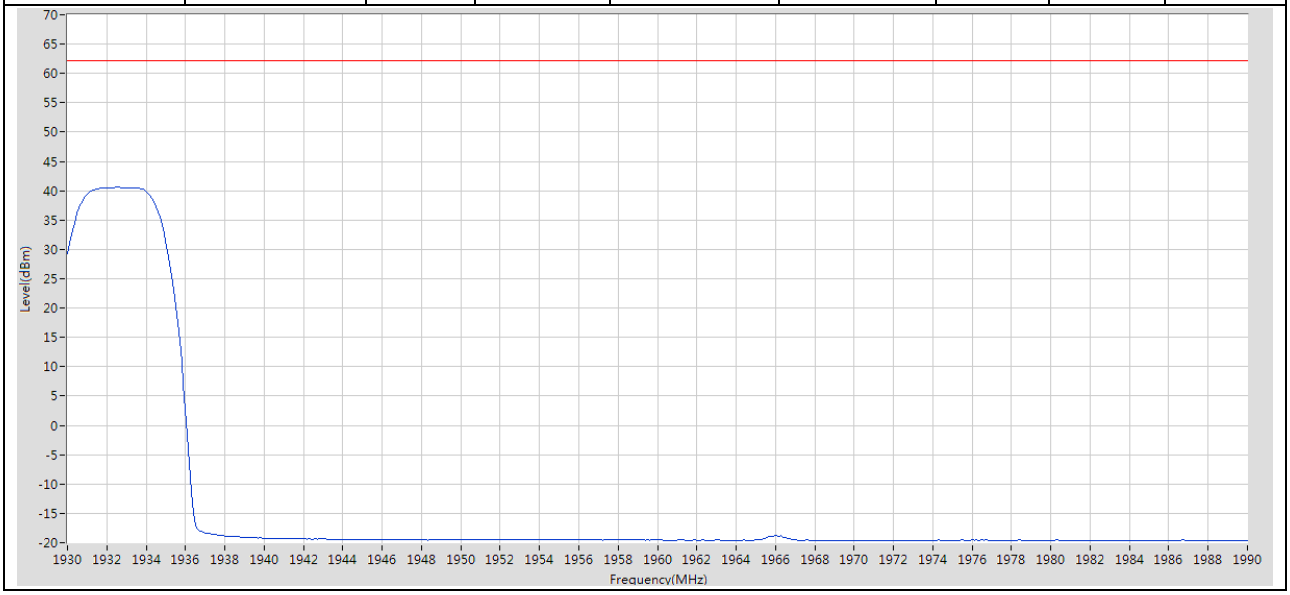
2 Test Plot

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

2.1 Power Spectral Density

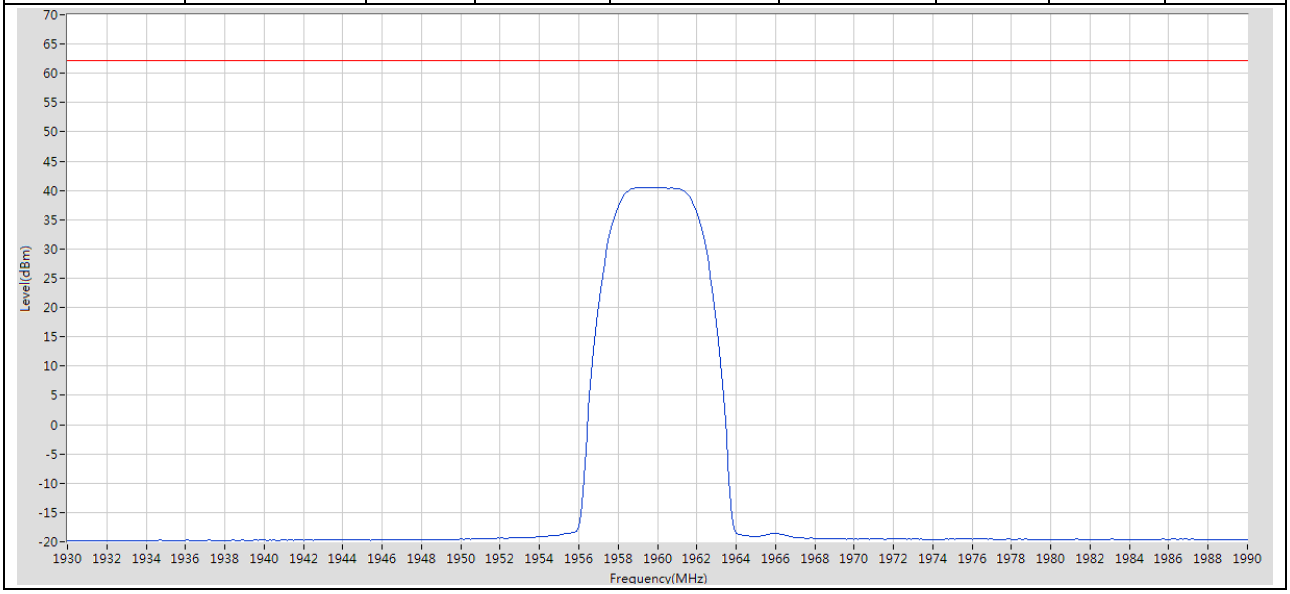
2.1.1 1U_TM1_B_Band2

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1990	1	RMS	1932.5 M	40.57	62.15	Pass	601



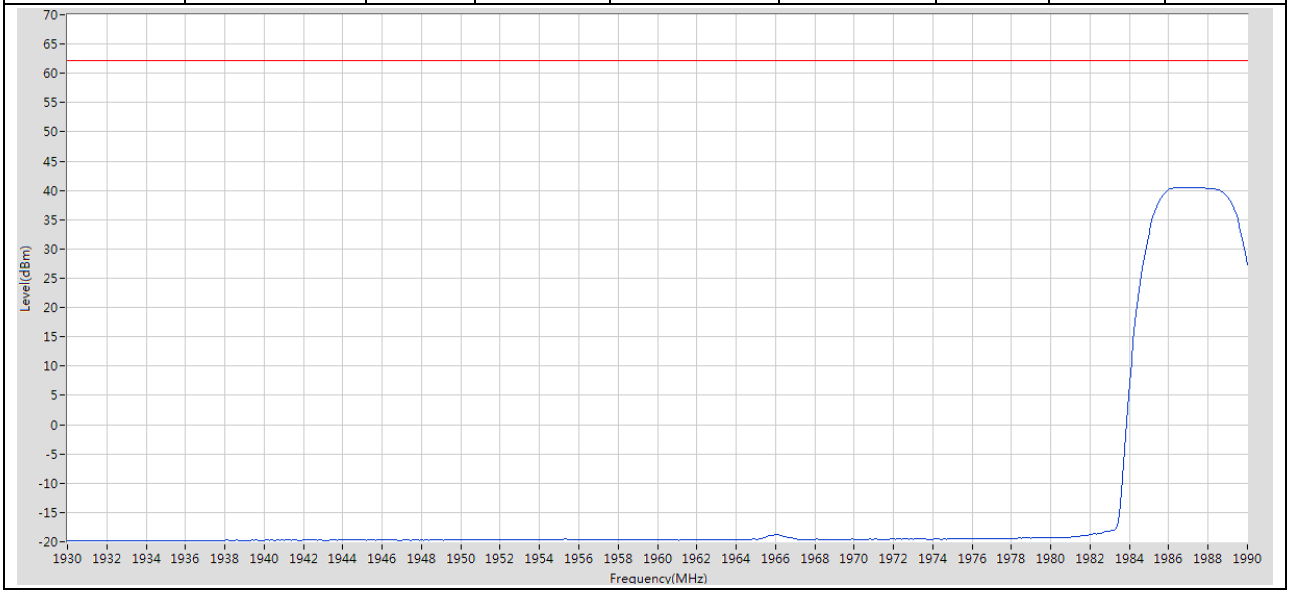
2.1.2 1U_TM1_M_Band2

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1990	1	RMS	1959.8 M	40.54	62.15	Pass	601



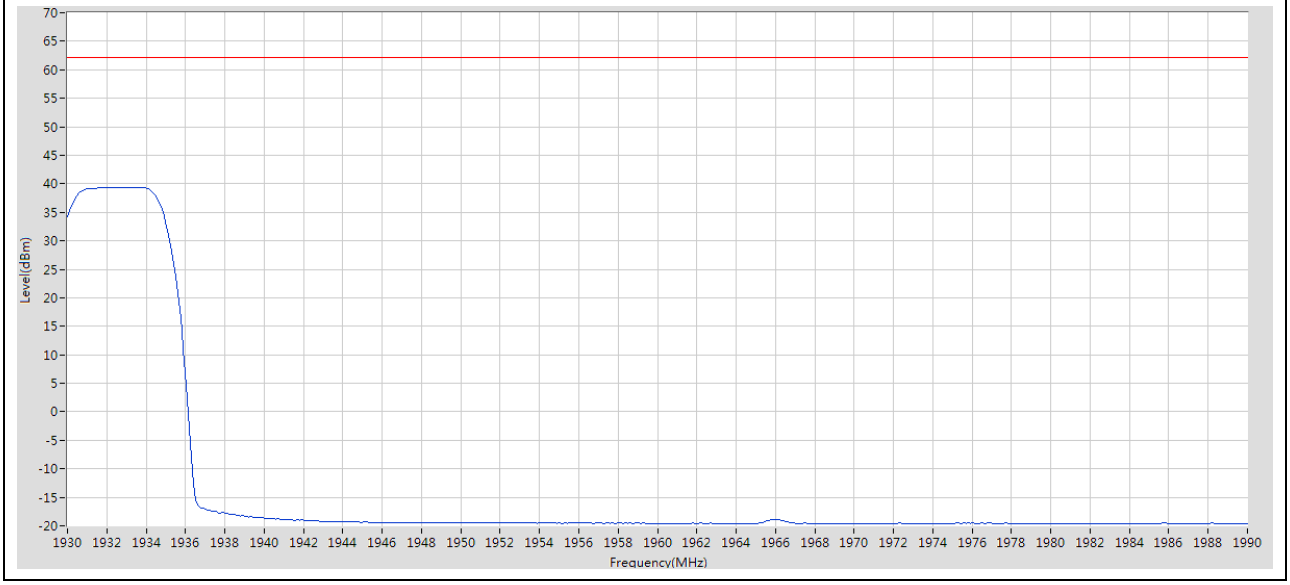
2.1.3 1U_TM1_T_Band2

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1990	1	RMS	1987 M	40.54	62.15	Pass	601



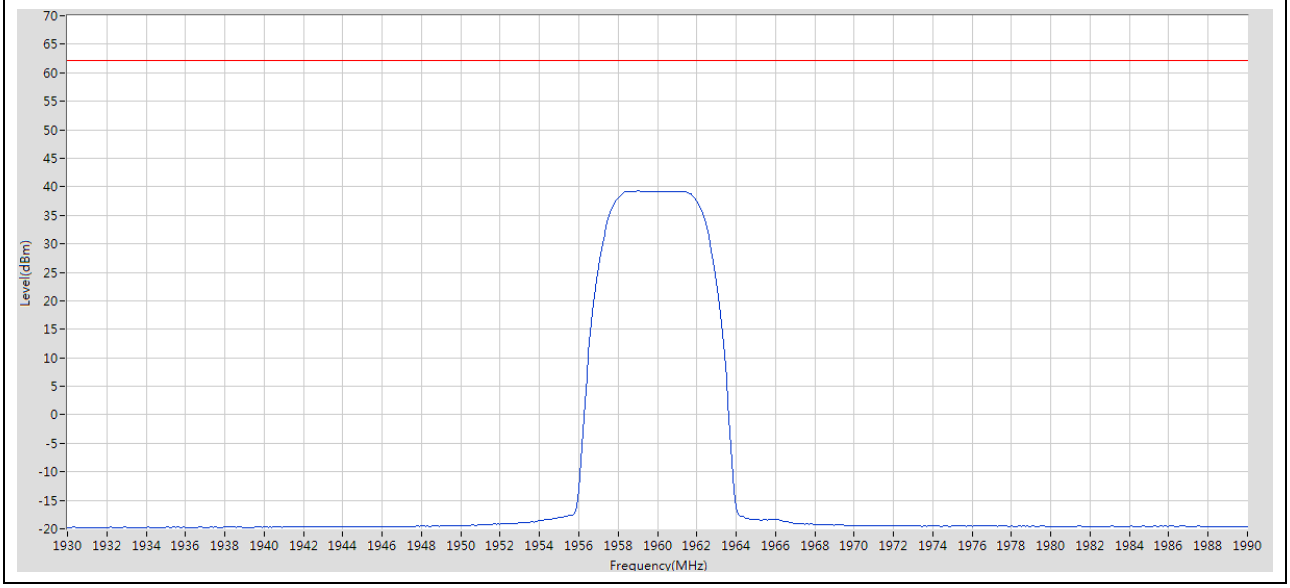
2.1.4 1L5M_TM1_B_Band2

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1990	1	RMS	1933.5 M	39.39	62.15	Pass	601



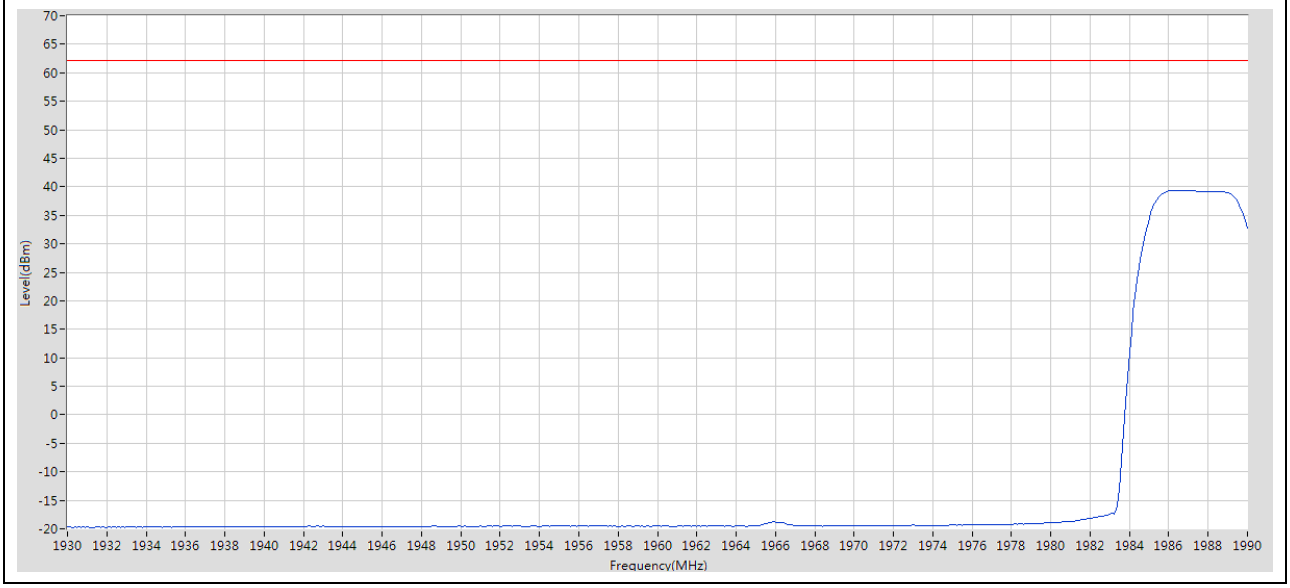
2.1.5 1L5M_TM1_M_Band2

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1990	1	RMS	1959 M	39.24	62.15	Pass	601



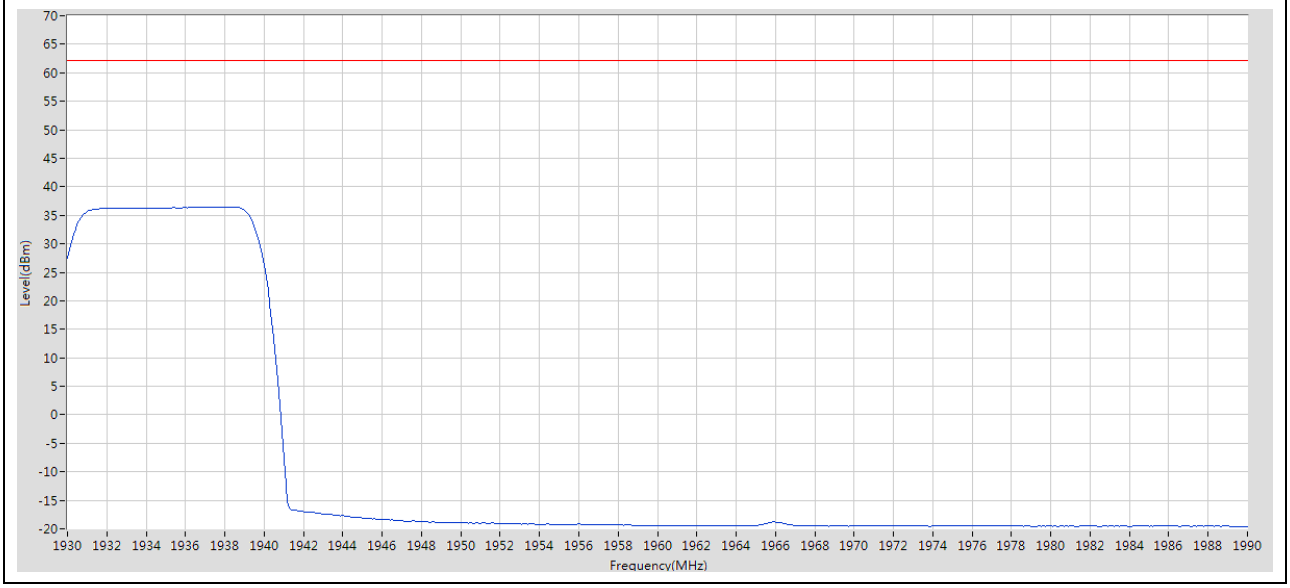
2.1.6 1L5M_TM1_T_Band2

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1990	1	RMS	1986.4 M	39.32	62.15	Pass	601



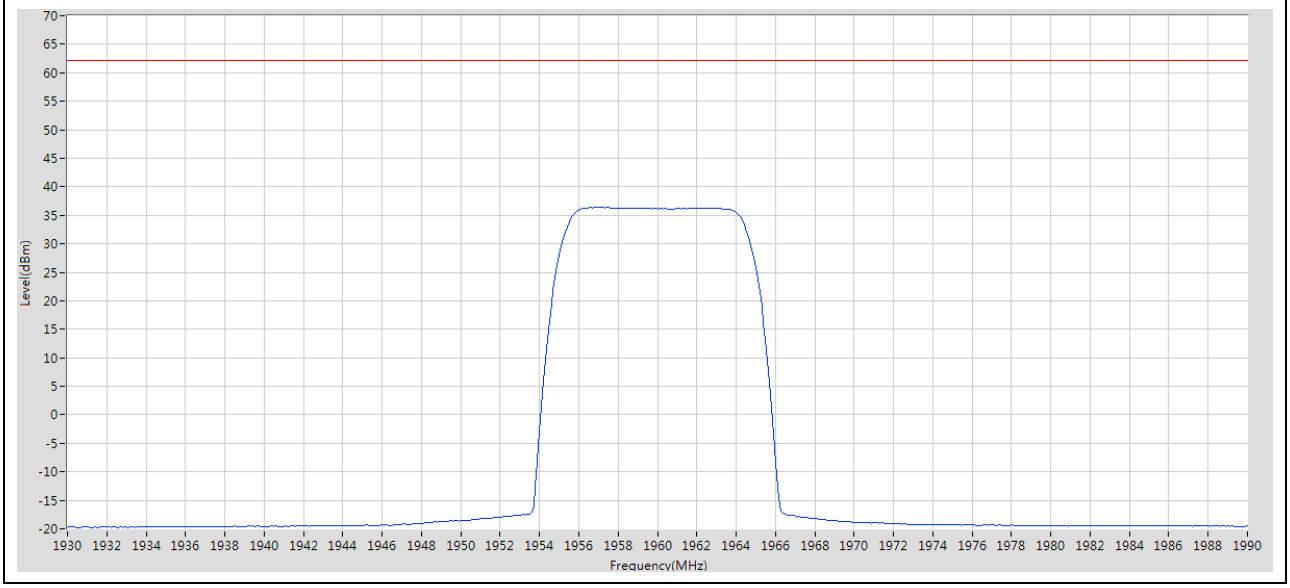
2.1.7 1L10M_TM1_B_Band2

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1990	1	RMS	1938.1 M	36.47	62.15	Pass	601



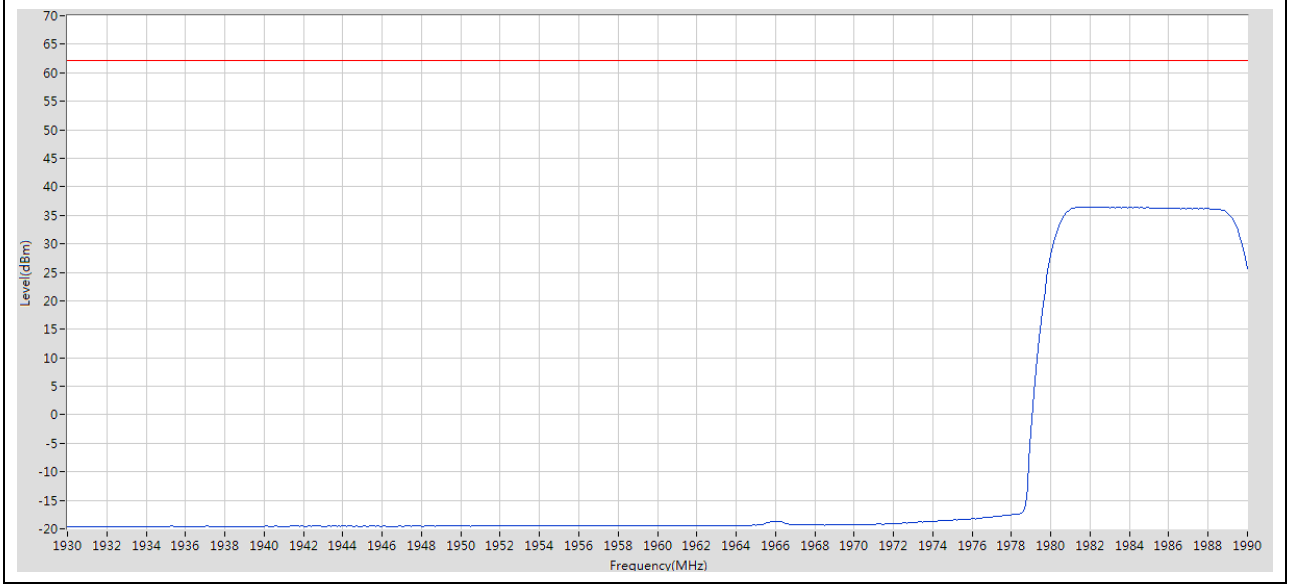
2.1.8 1L10M_TM1_M_Band2

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1990	1	RMS	1956.9 M	36.35	62.15	Pass	601



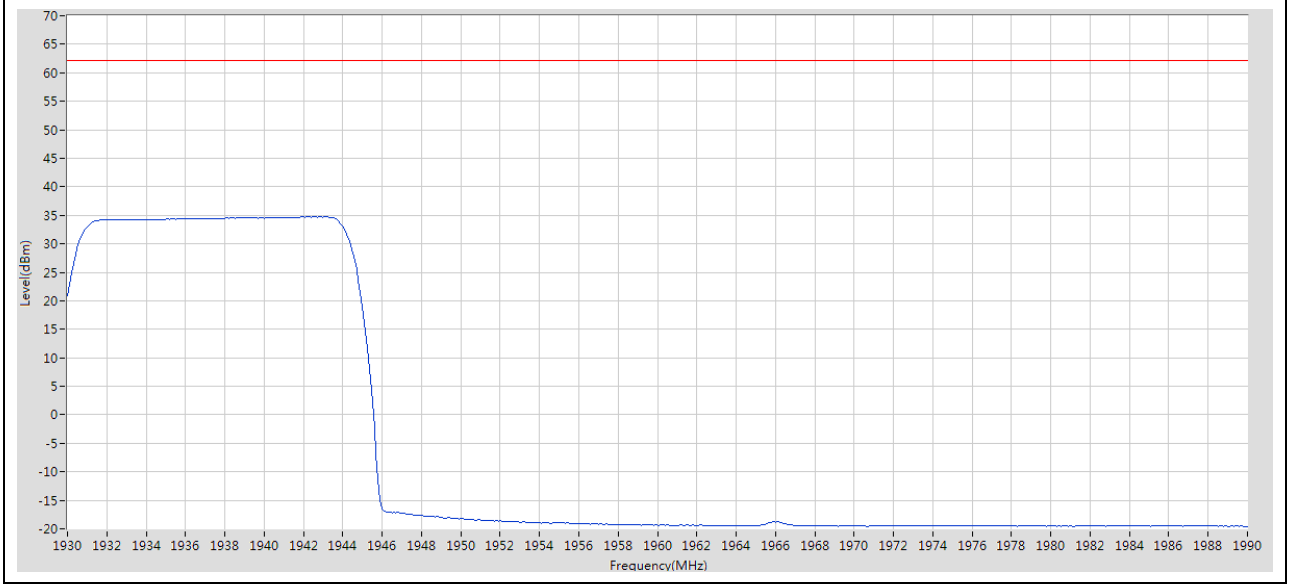
2.1.9 1L10M_TM1_T_Band2

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1990	1	RMS	1982 M	36.45	62.15	Pass	601



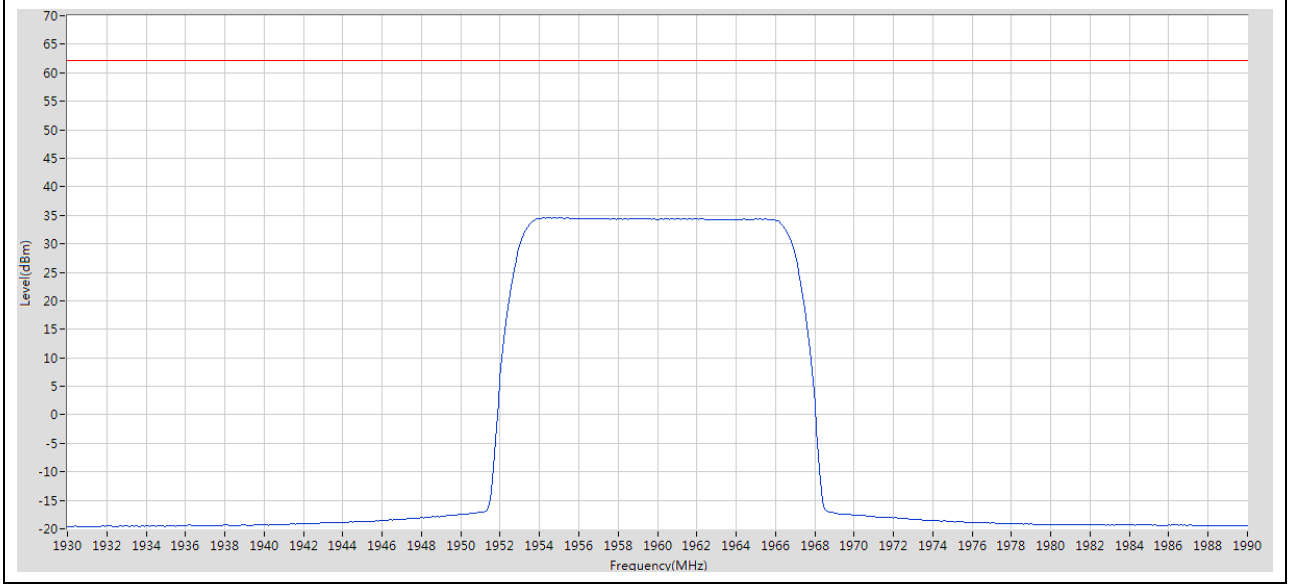
2.1.10 1L15M_TM1_B_Band2

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1990	1	RMS	1942.8 M	34.72	62.15	Pass	601



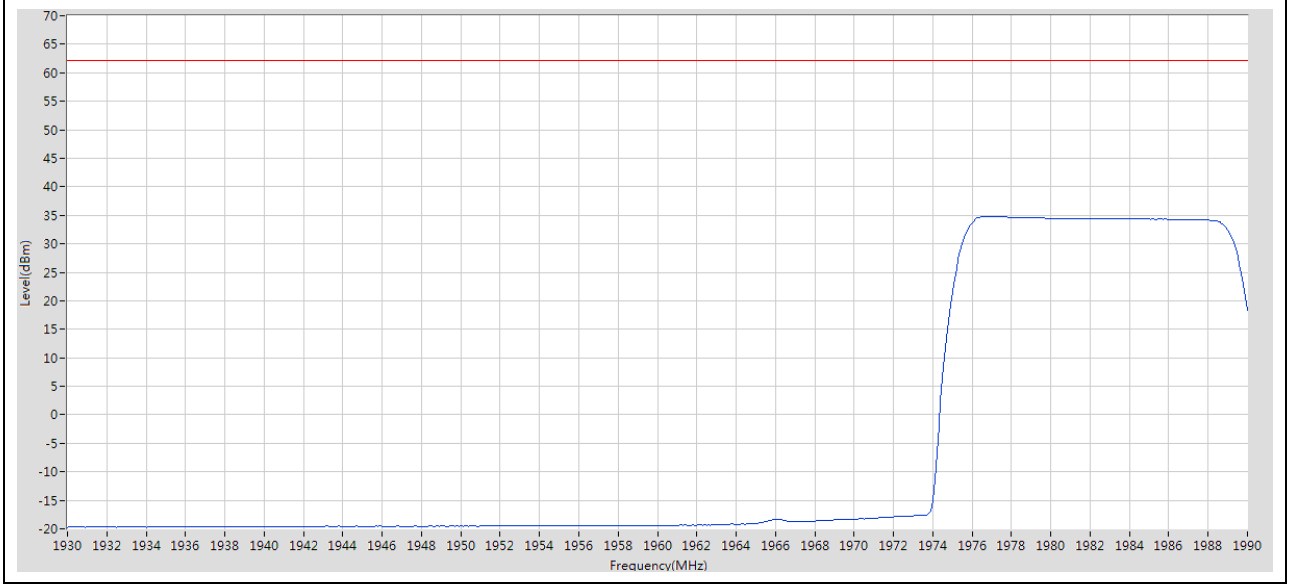
2.1.11 1L15M_TM1_M_Band2

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1990	1	RMS	1954.4 M	34.54	62.15	Pass	601



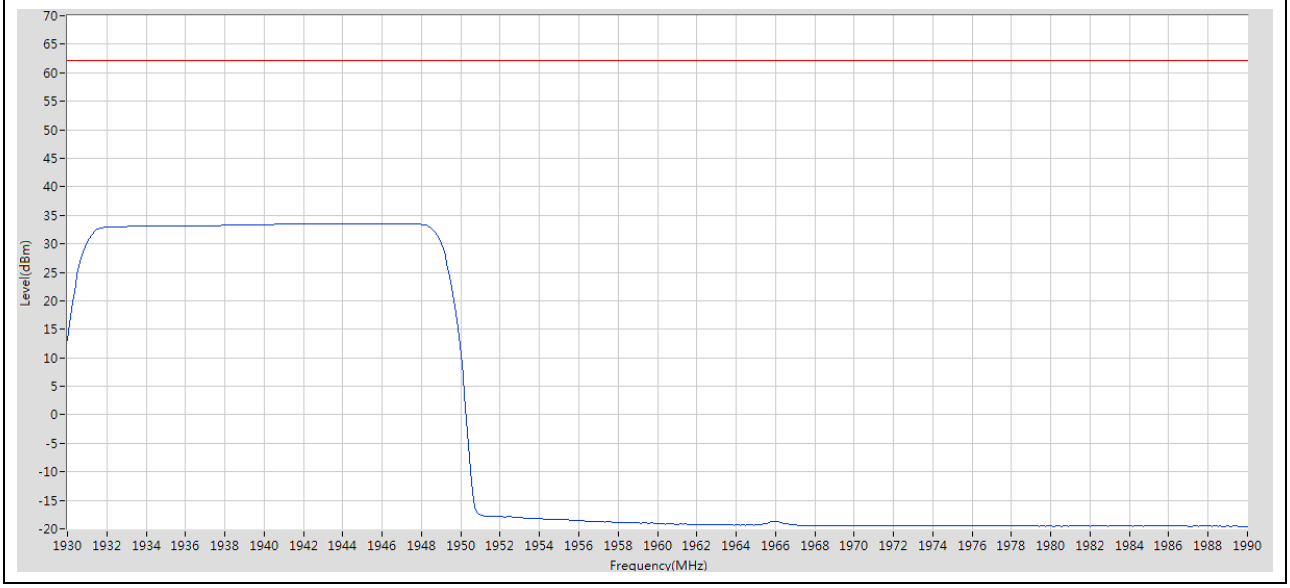
2.1.12 1L15M_TM1_T_Band2

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1990	1	RMS	1976.9 M	34.79	62.15	Pass	601



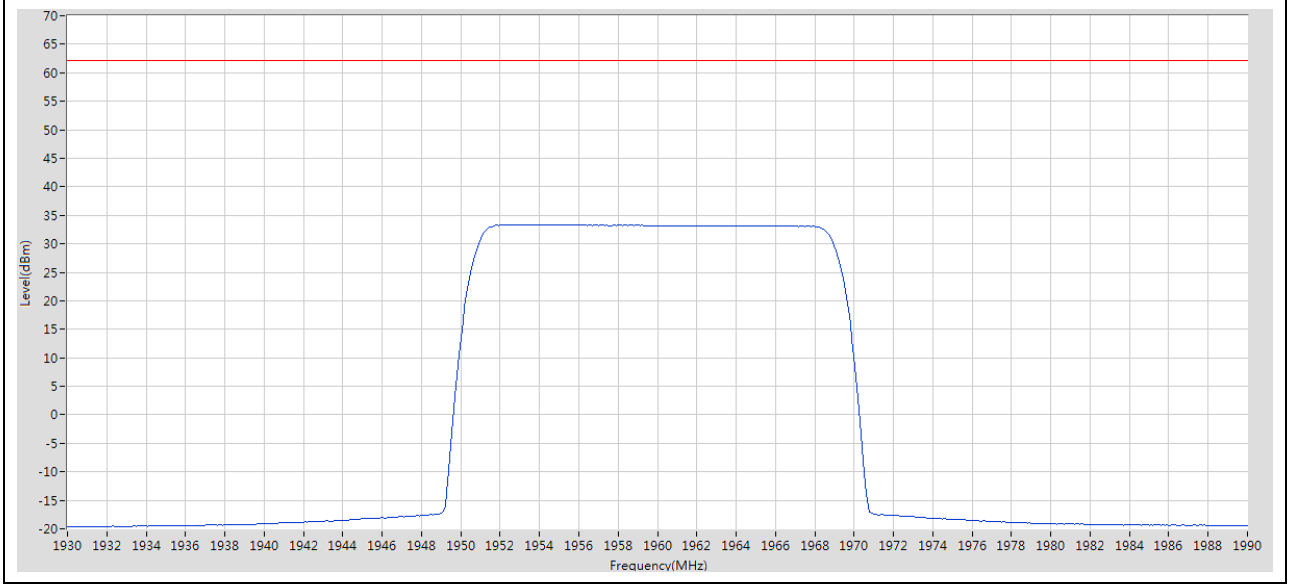
2.1.13 1L20M_TM1_B_Band2

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1990	1	RMS	1944.8 M	33.54	62.15	Pass	601



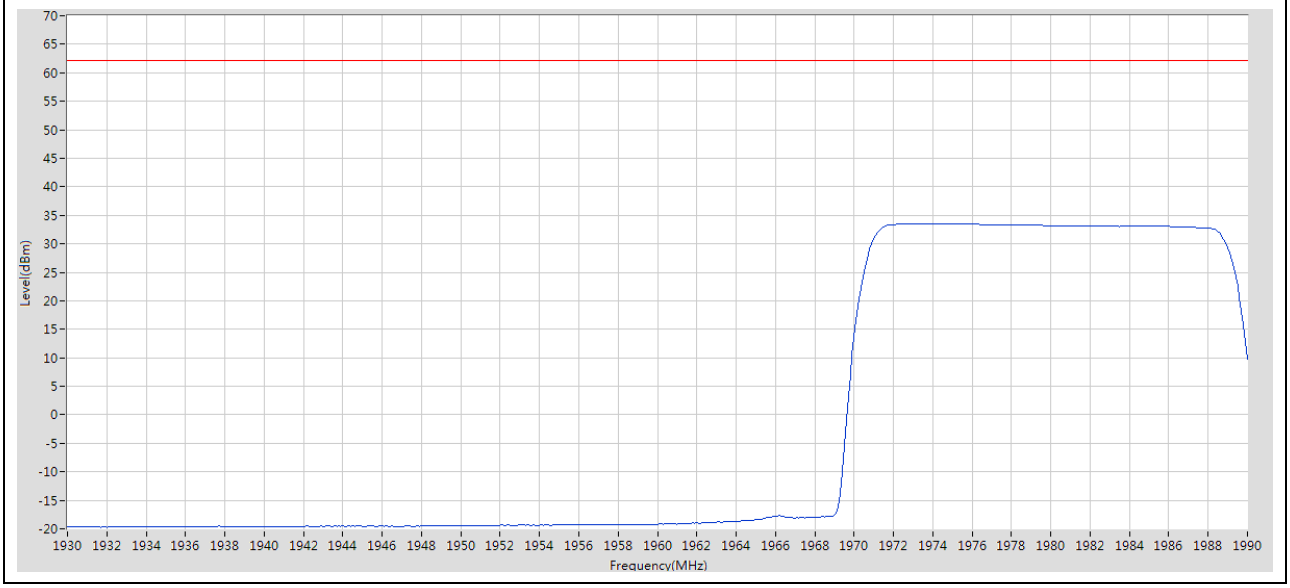
2.1.14 1L20M_TM1_M_Band2

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1990	1	RMS	1953.8 M	33.39	62.15	Pass	601



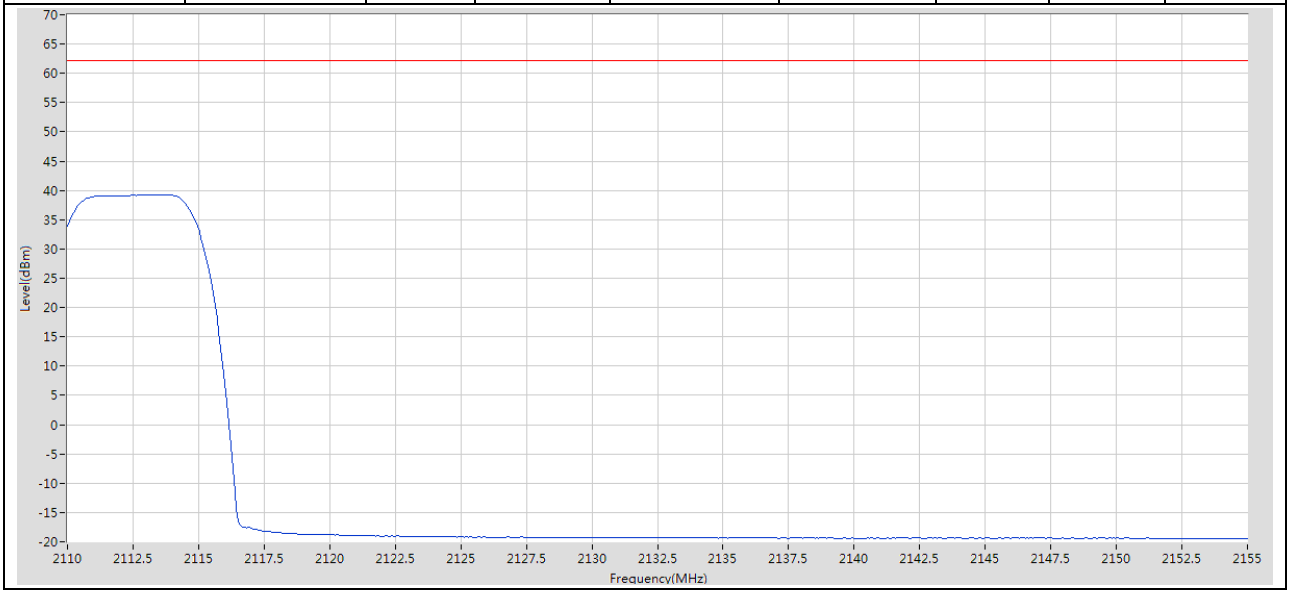
2.1.15 1L20M_TM1_T_Band2

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1990	1	RMS	1974.9 M	33.5	62.15	Pass	601



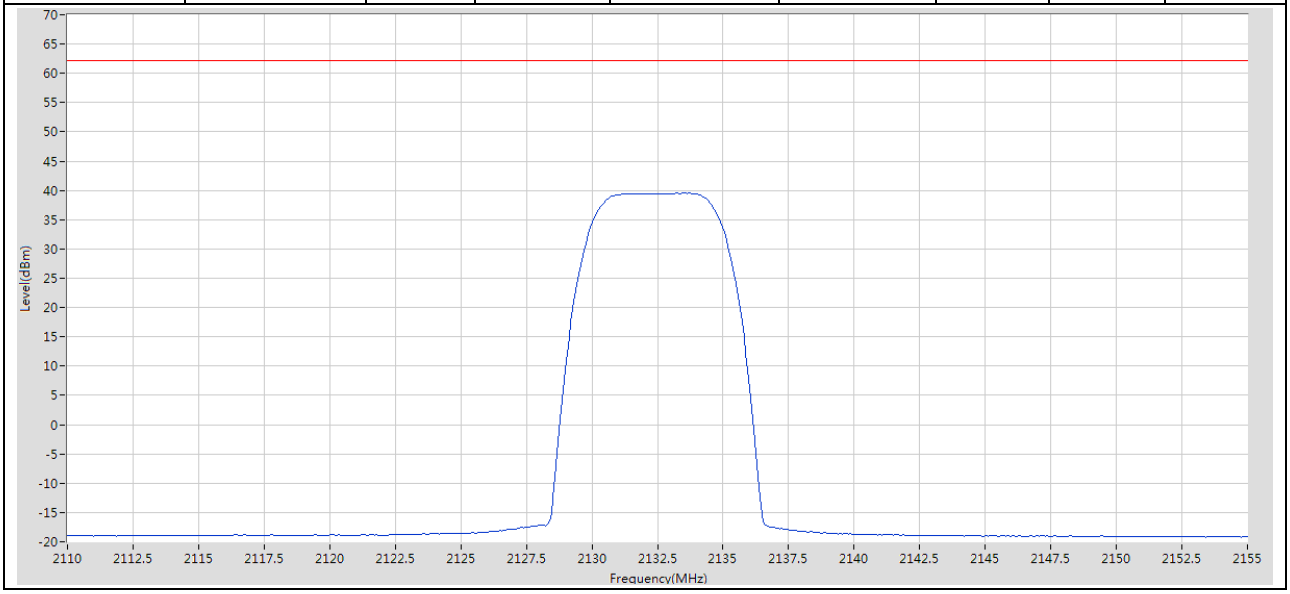
2.1.16 1L5M_TM1_B_Band4

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2110	2155	1	RMS	2113.6 M	39.27	62.15	Pass	601



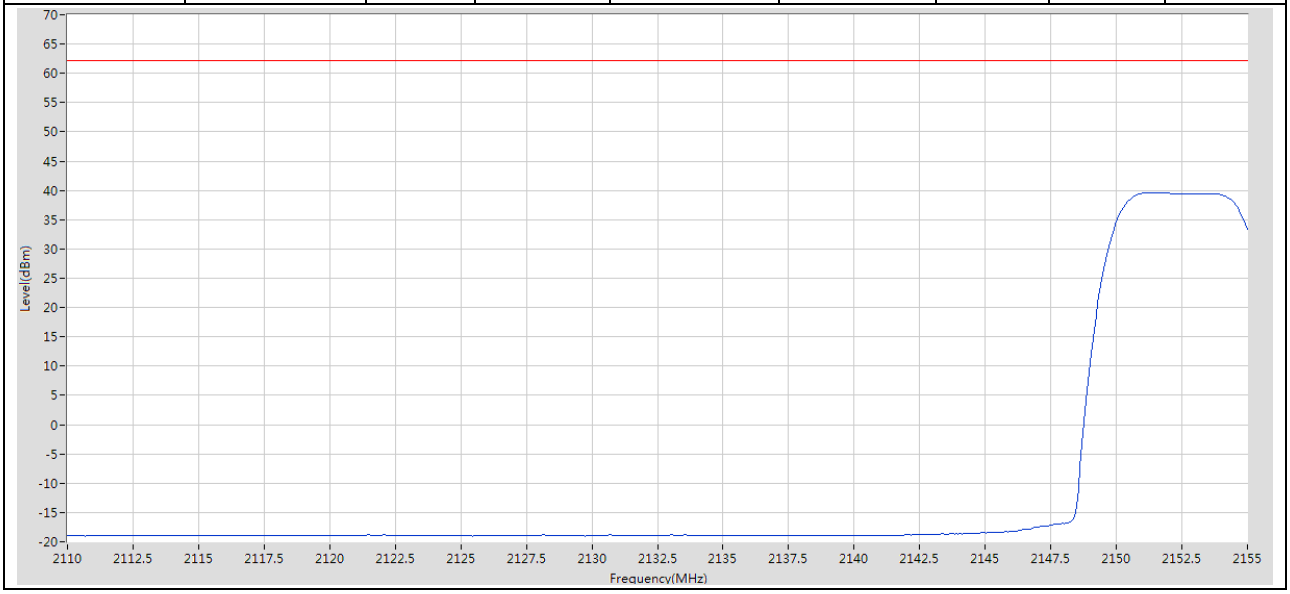
2.1.17 1L5M_TM1_M_Band4

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2110	2155	1	RMS	2133.475 M	39.53	62.15	Pass	601



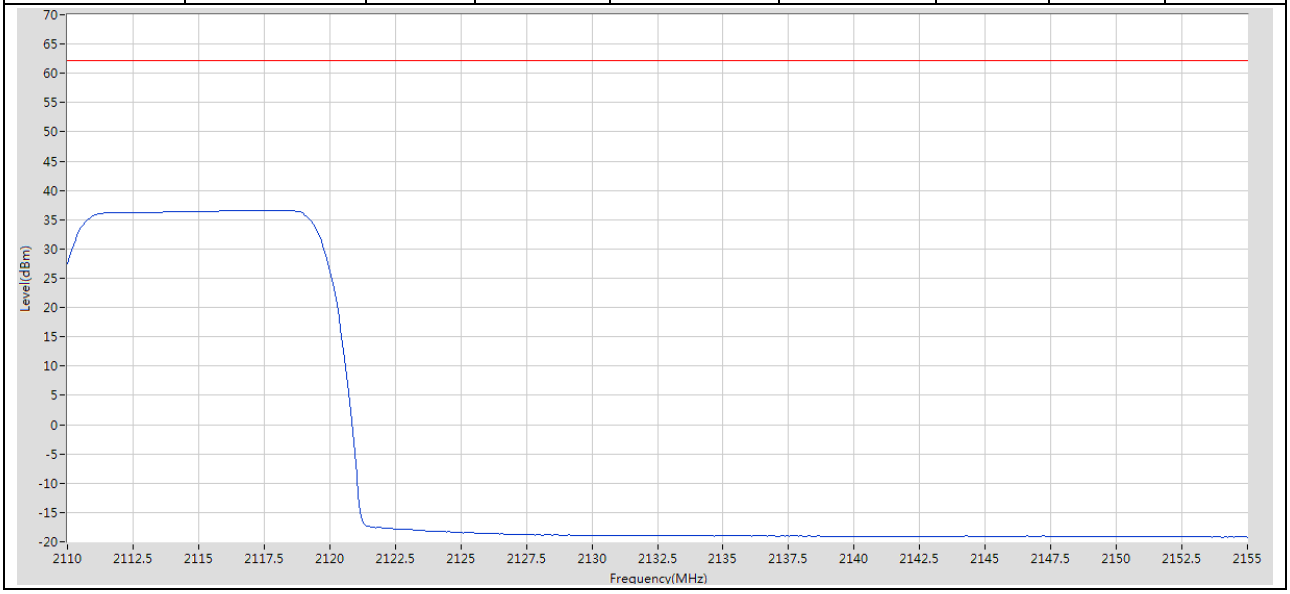
2.1.18 1L5M_TM1_T_Band4

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2110	2155	1	RMS	2151.475 M	39.56	62.15	Pass	601



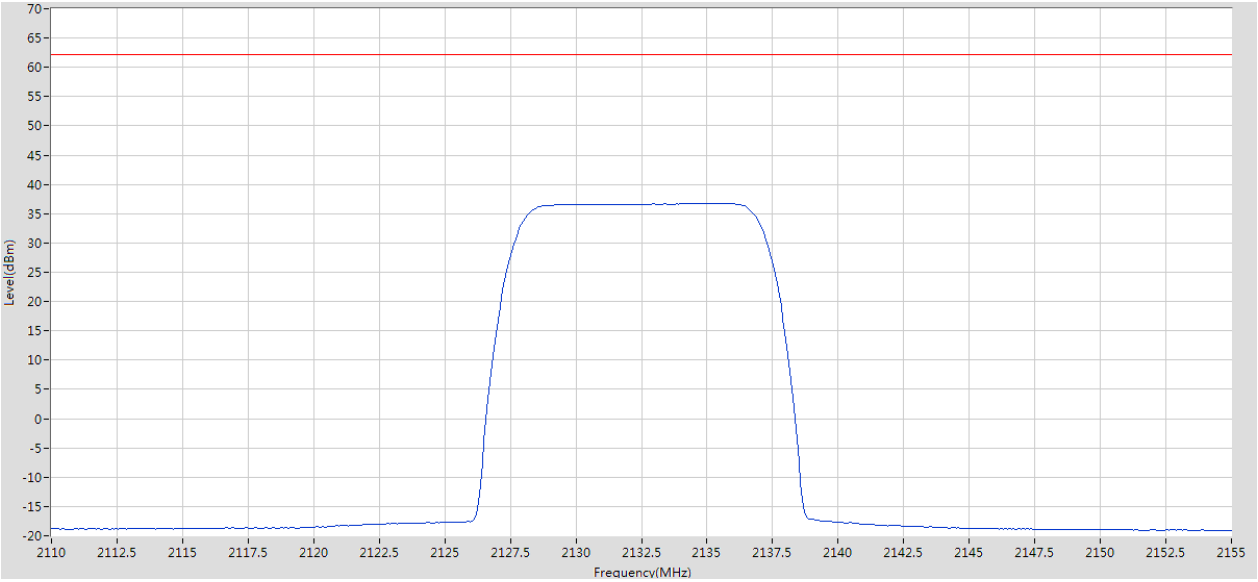
2.1.19 1L10M_TM1_B_Band4

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2110	2155	1	RMS	2117.95 M	36.63	62.15	Pass	601



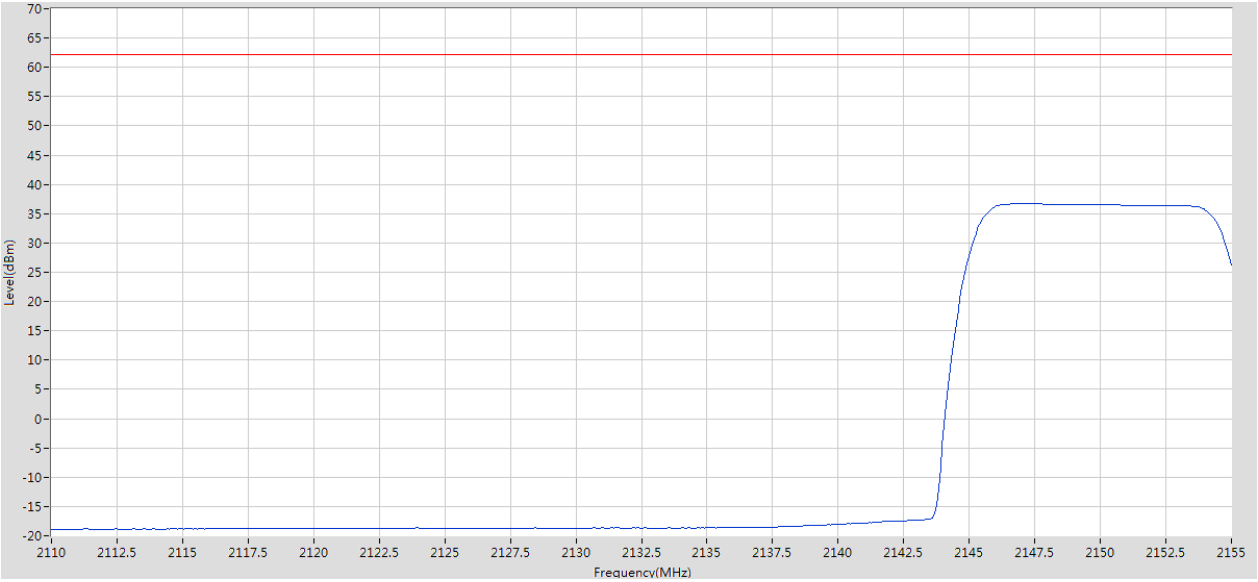
2.1.20 1L10M_TM1_M_Band4

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2110	2155	1	RMS	2135.35 M	36.76	62.15	Pass	601



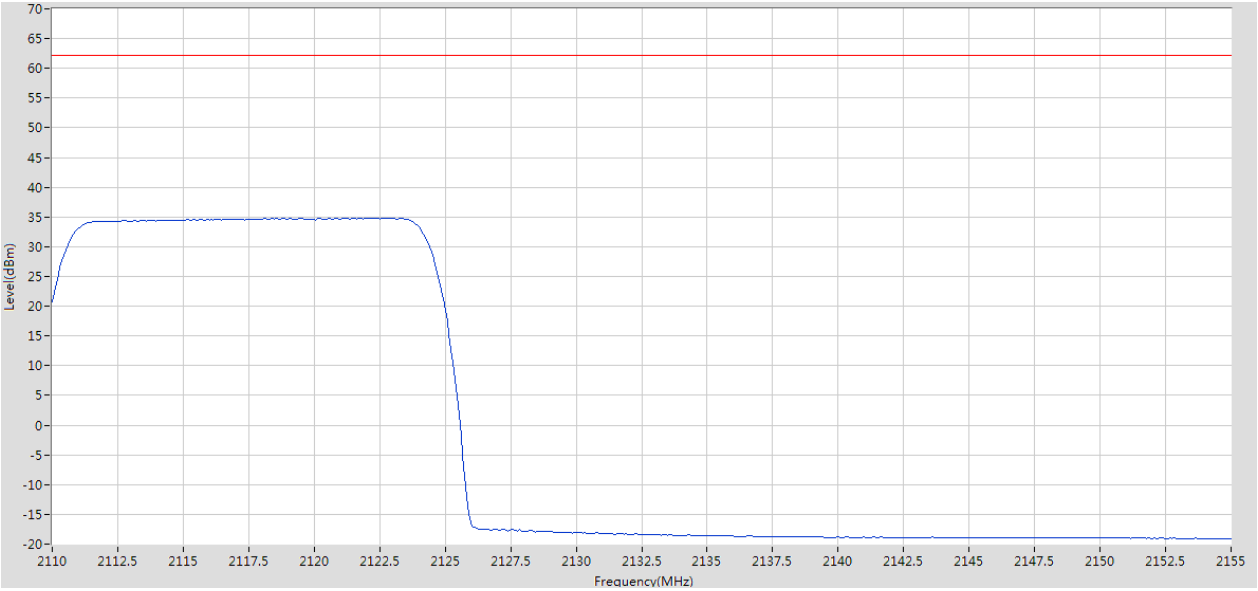
2.1.21 1L10M_TM1_T_Band4

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2110	2155	1	RMS	2147.05 M	36.71	62.15	Pass	601



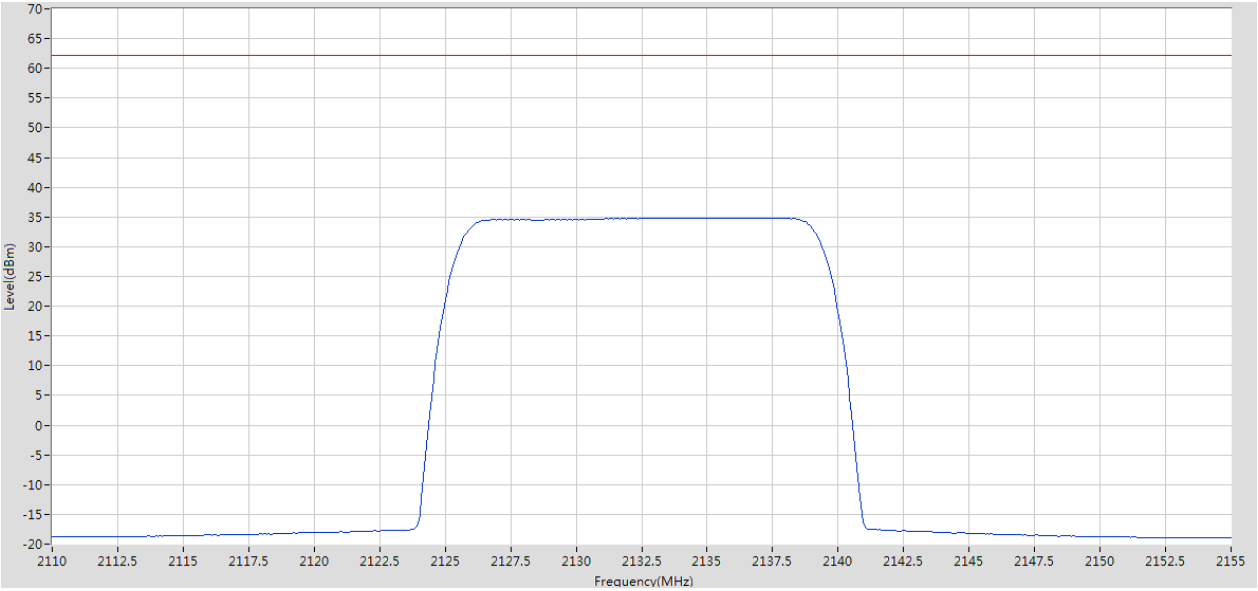
2.1.22 1L15M_TM1_B_Band4

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2110	2155	1	RMS	2123.05 M	34.86	62.15	Pass	601



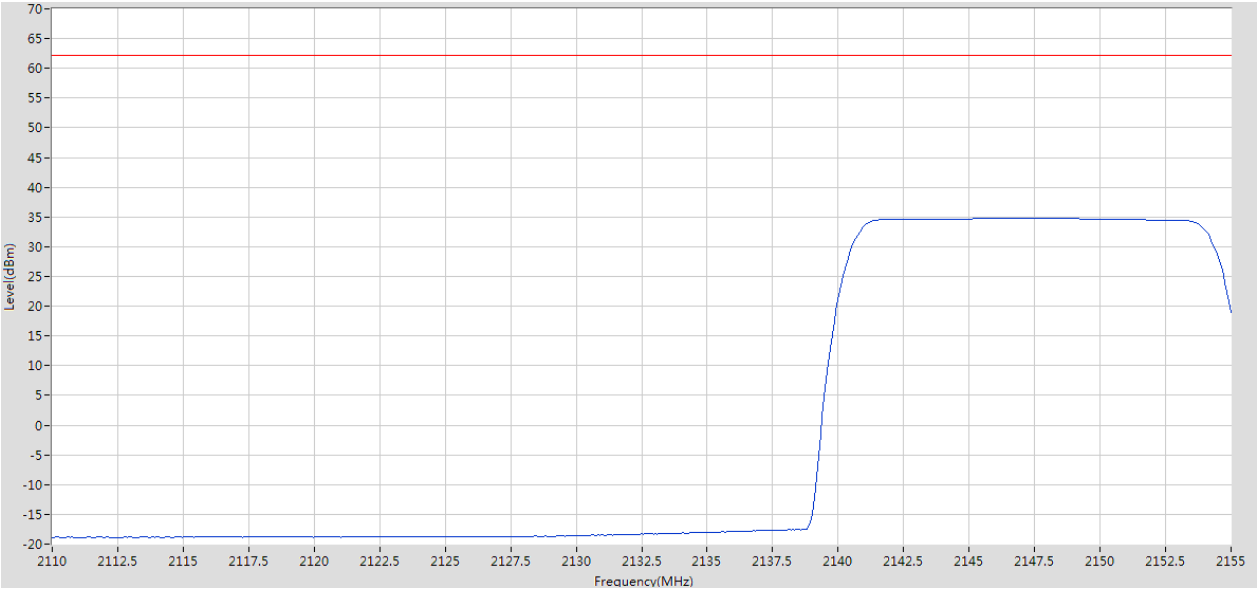
2.1.23 1L15M_TM1_M_Band4

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2110	2155	1	RMS	2136.55 M	34.84	62.15	Pass	601



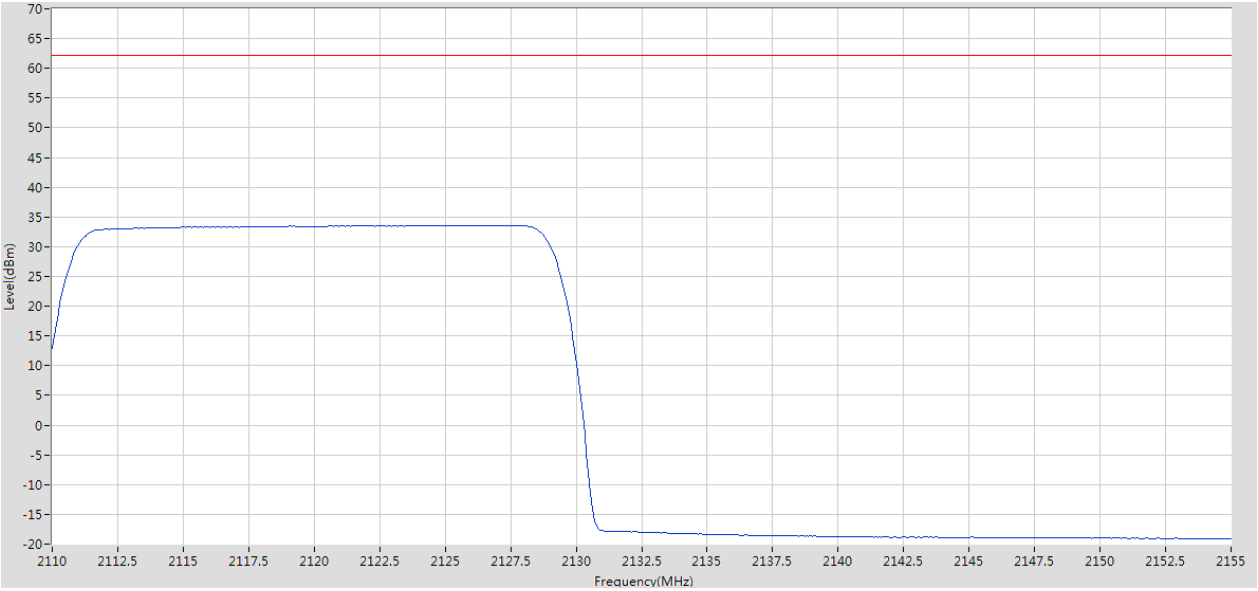
2.1.24 1L15M_TM1_T_Band4

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2110	2155	1	RMS	2146.675 M	34.77	62.15	Pass	601



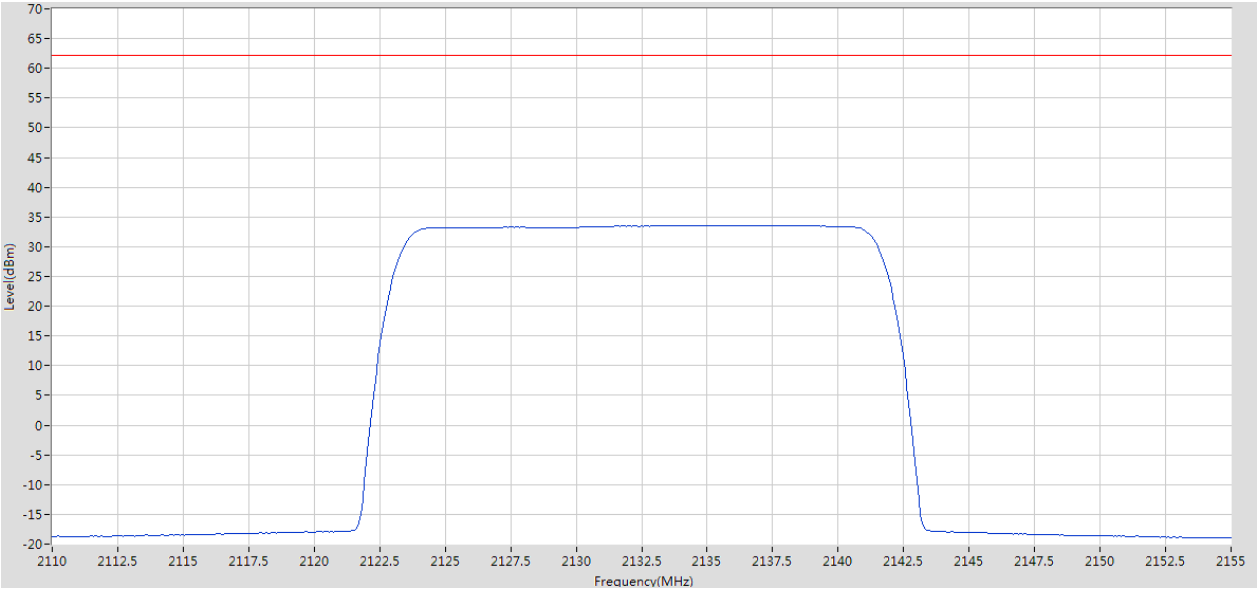
2.1.25 1L20M_TM1_B_Band4

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2110	2155	1	RMS	2124.7 M	33.61	62.15	Pass	601



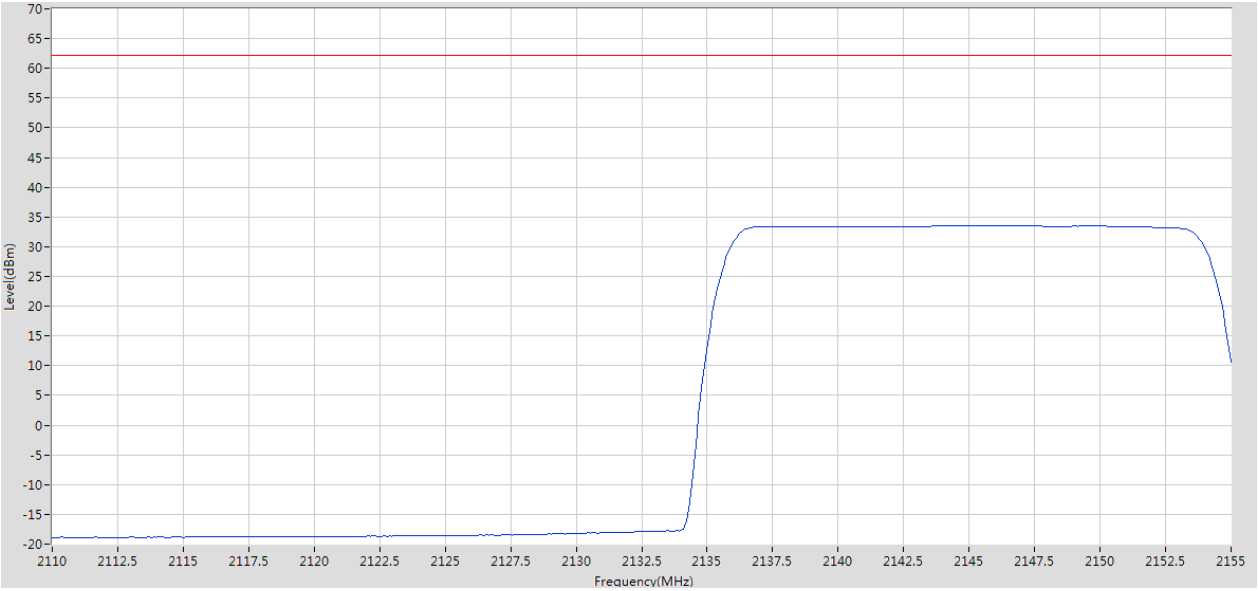
2.1.26 1L20M_TM1_M_Band4

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2110	2155	1	RMS	2137.225 M	33.59	62.15	Pass	601



2.1.27 1L20M_TM1_T_Band4

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
2110	2155	1	RMS	2146.3 M	33.53	62.15	Pass	601

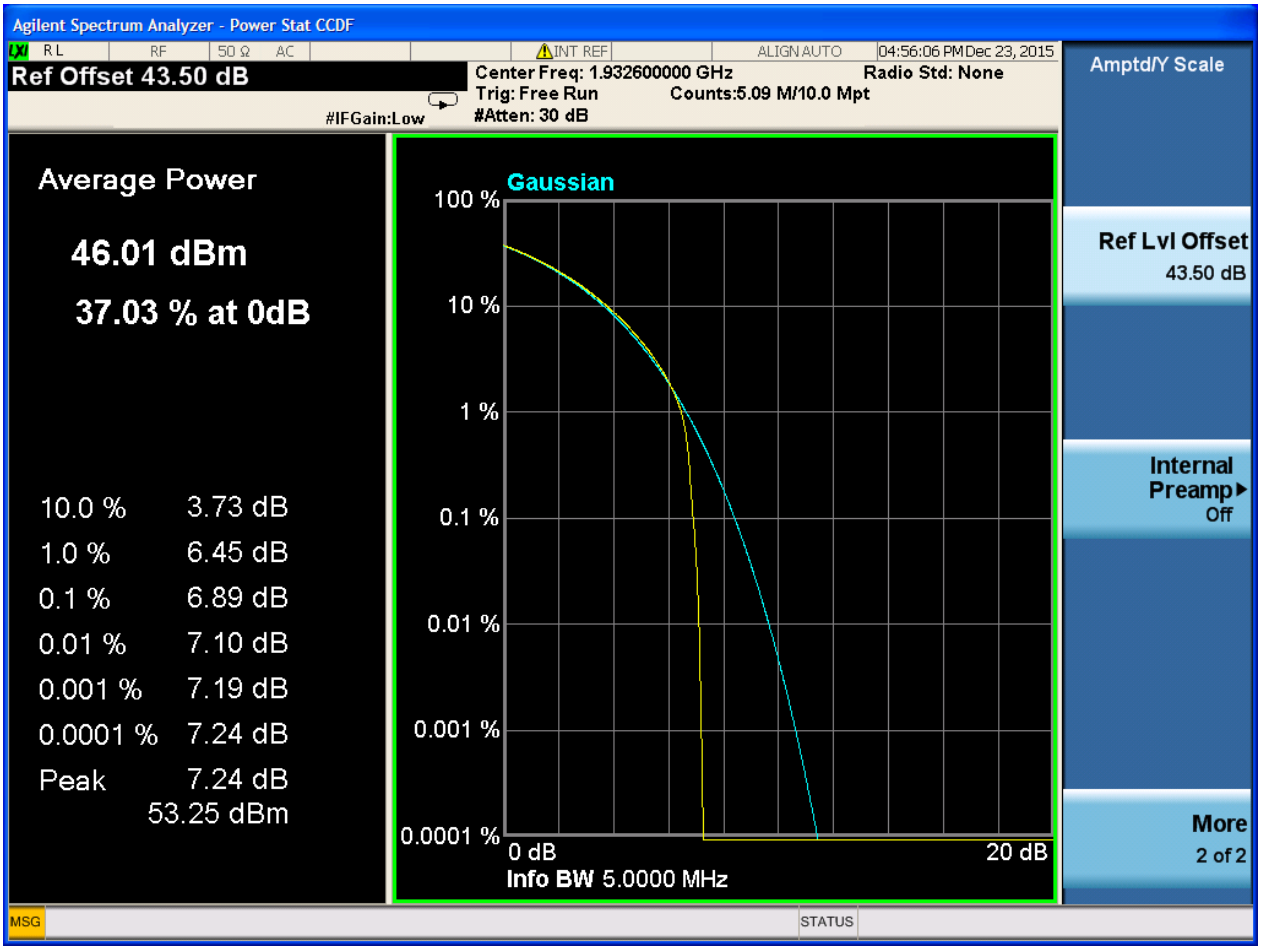


2.2 Peak-to-Average Ratio

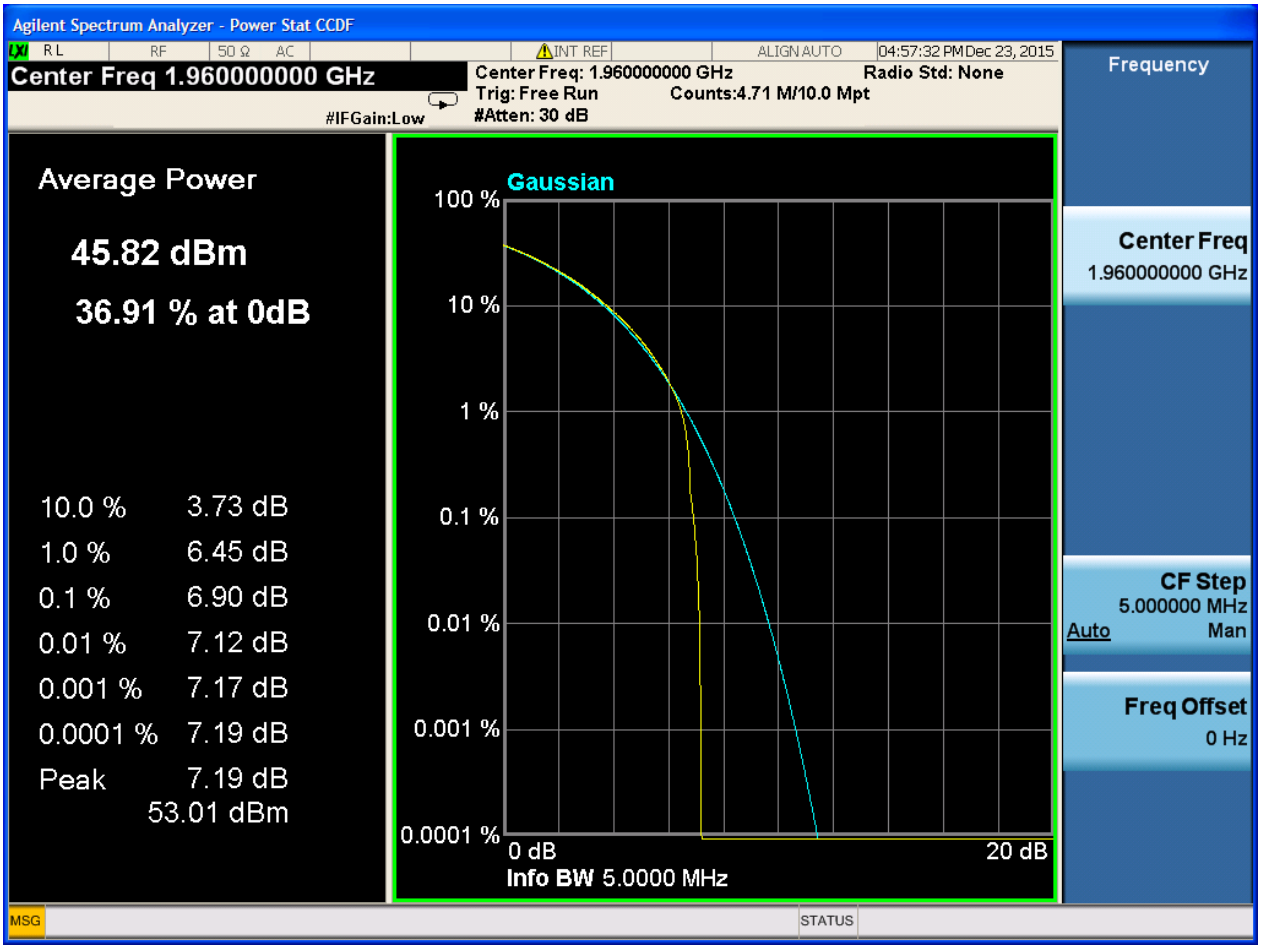
(Not applicable)

, or

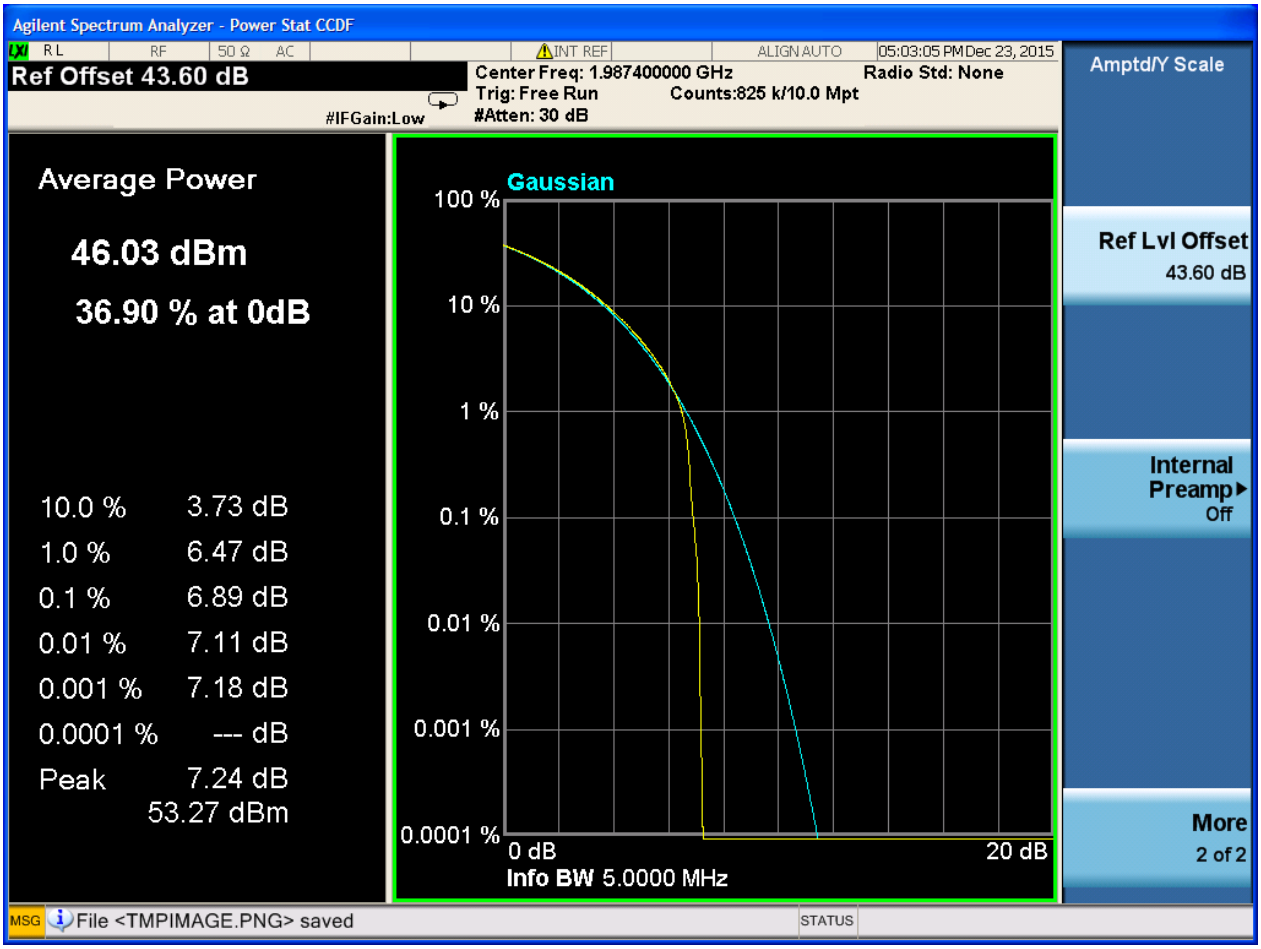
2.2.1 1U_TM1_B_Band2



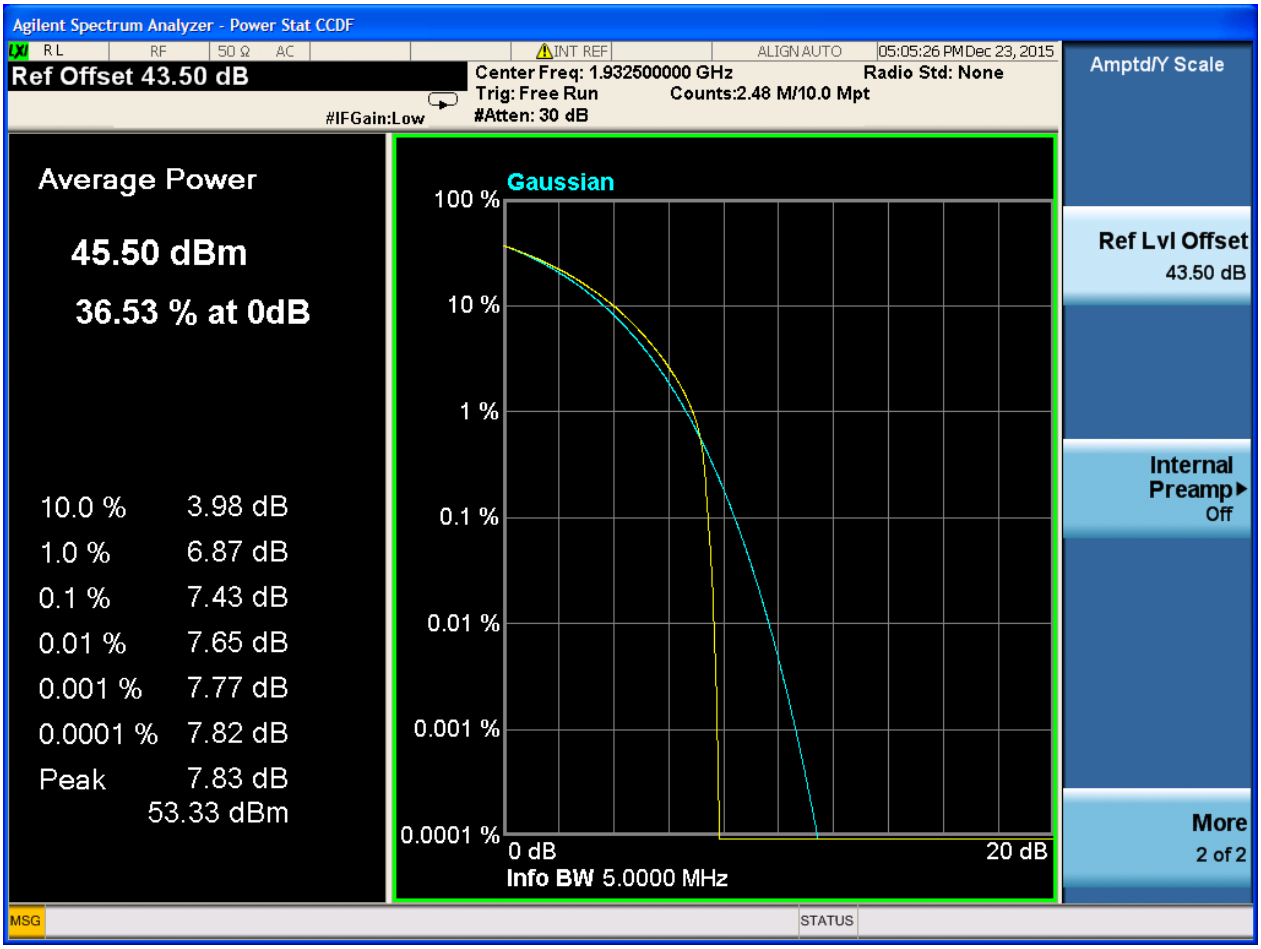
2.2.2 1U_TM1_M_Band2



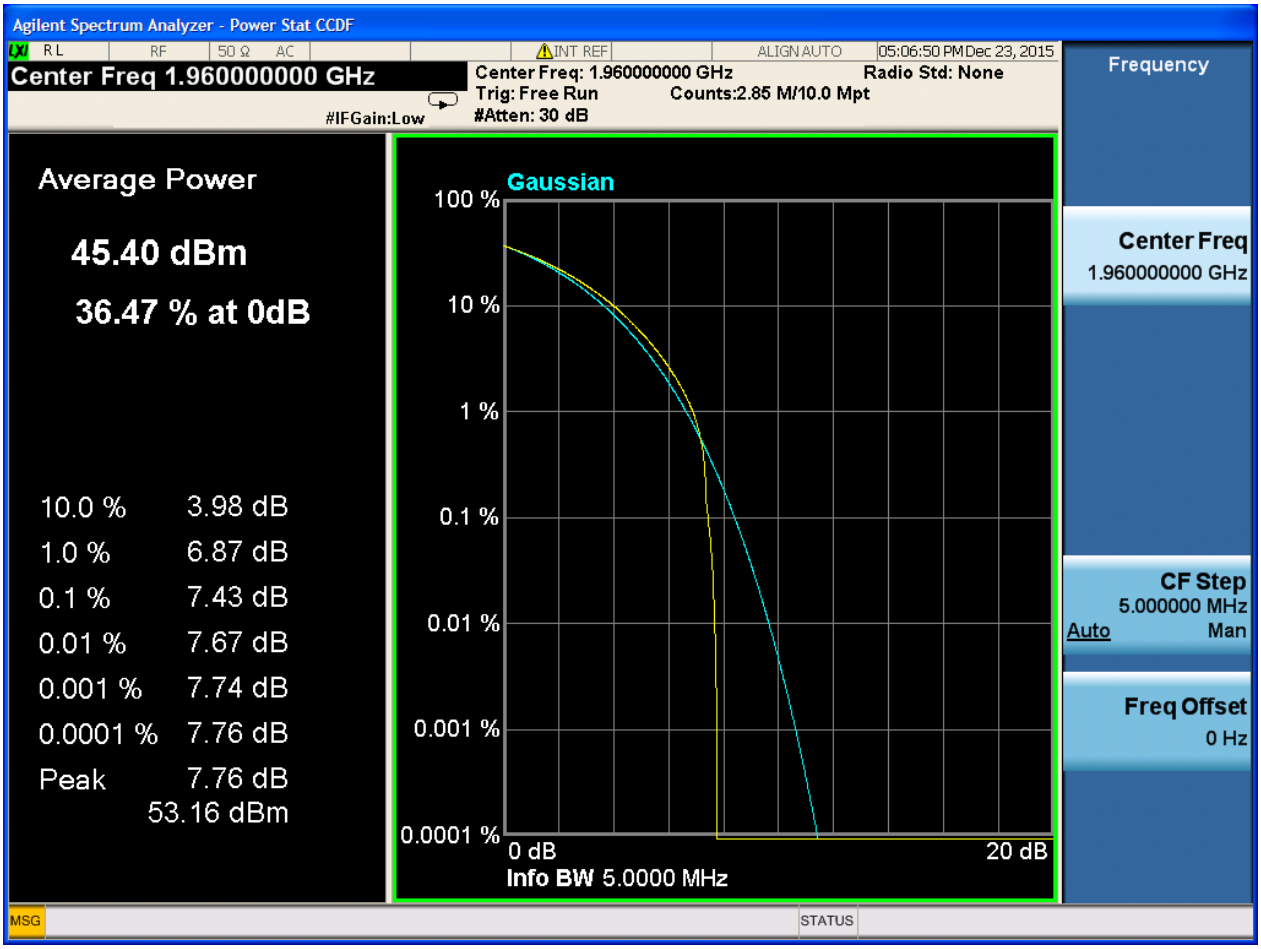
2.2.3 1U_TM1_T_Band2



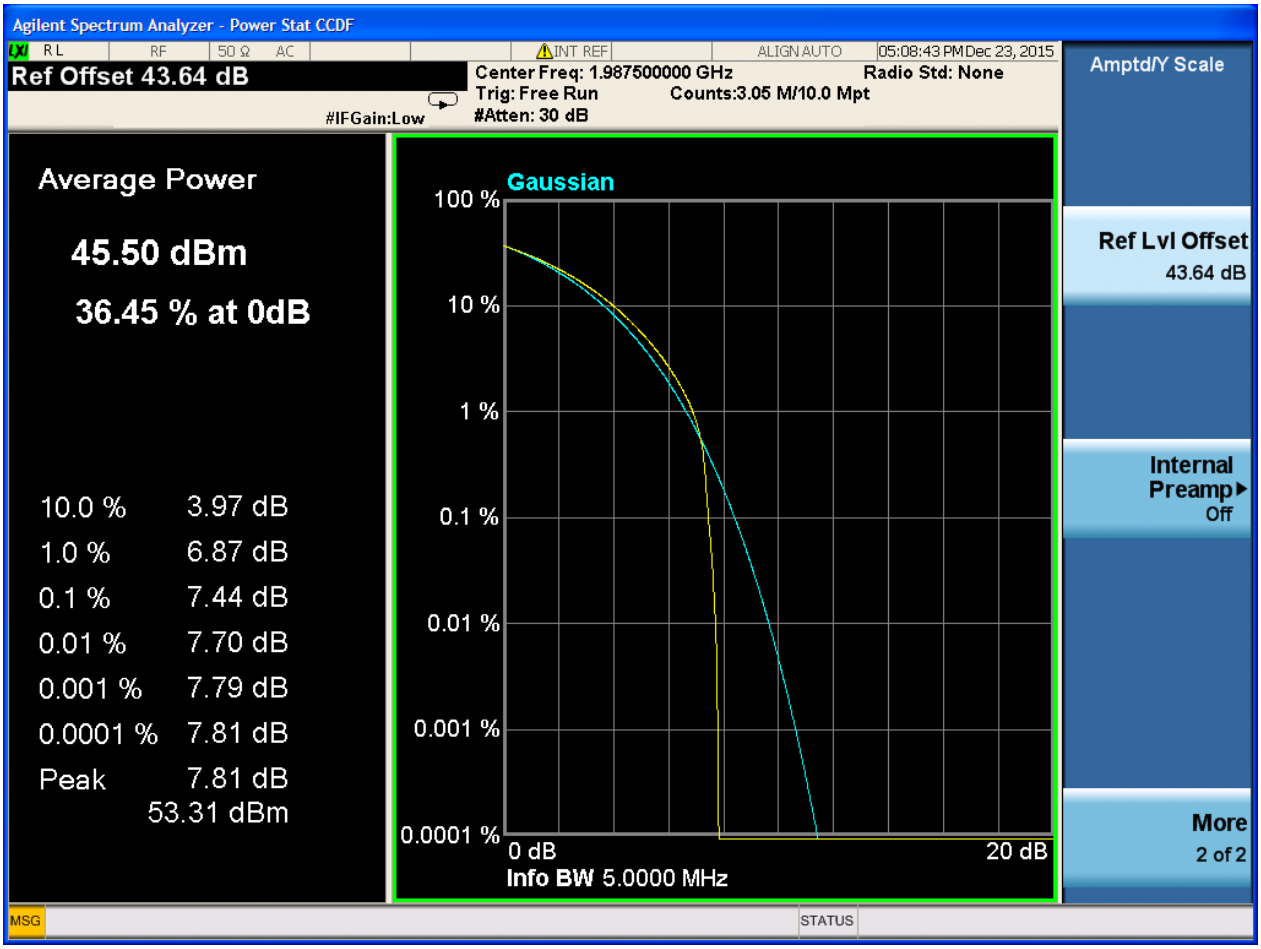
2.2.4 1L5M_TM1_B_Band2



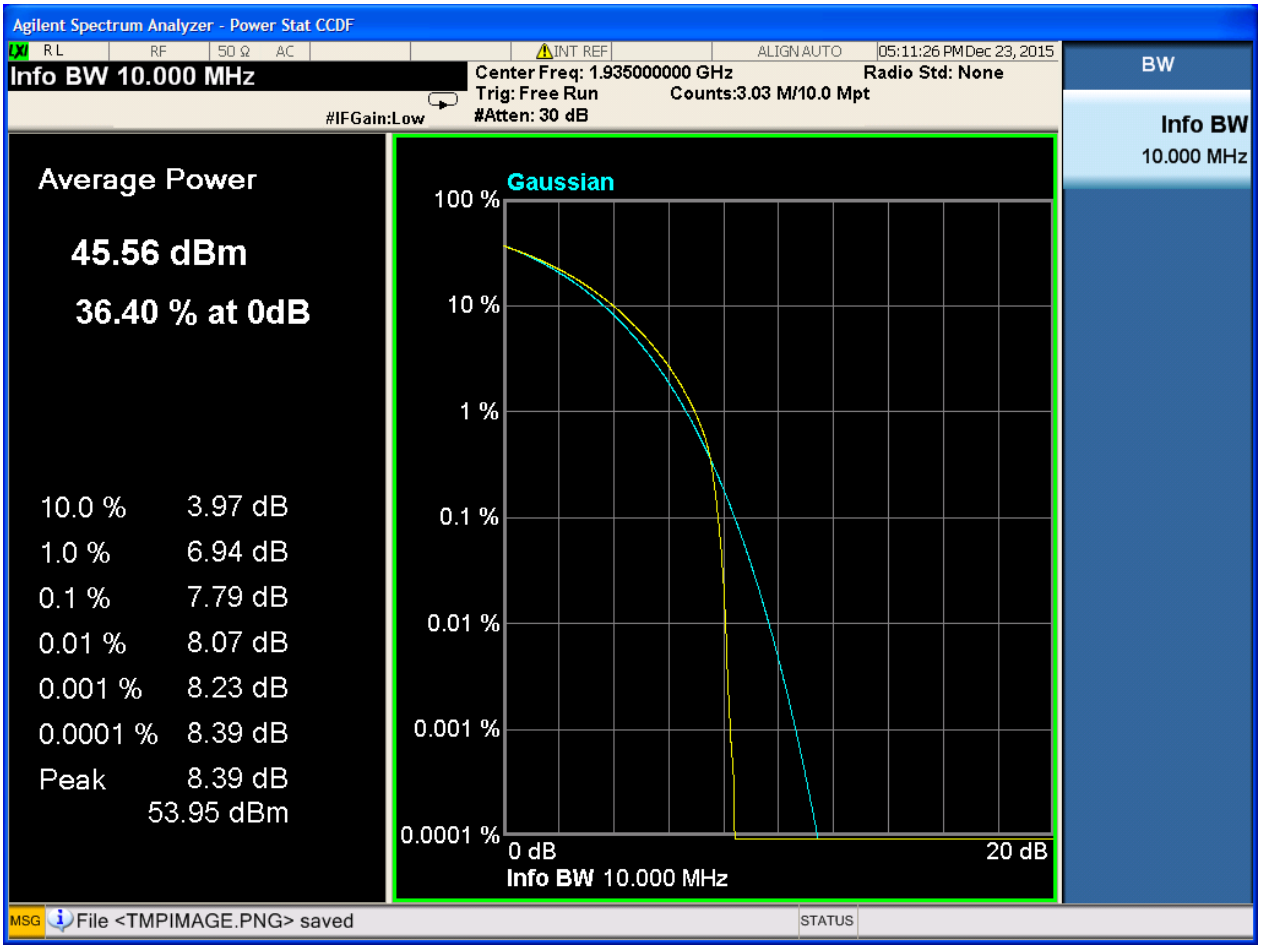
2.2.5 1L5M_TM1_M_Band2



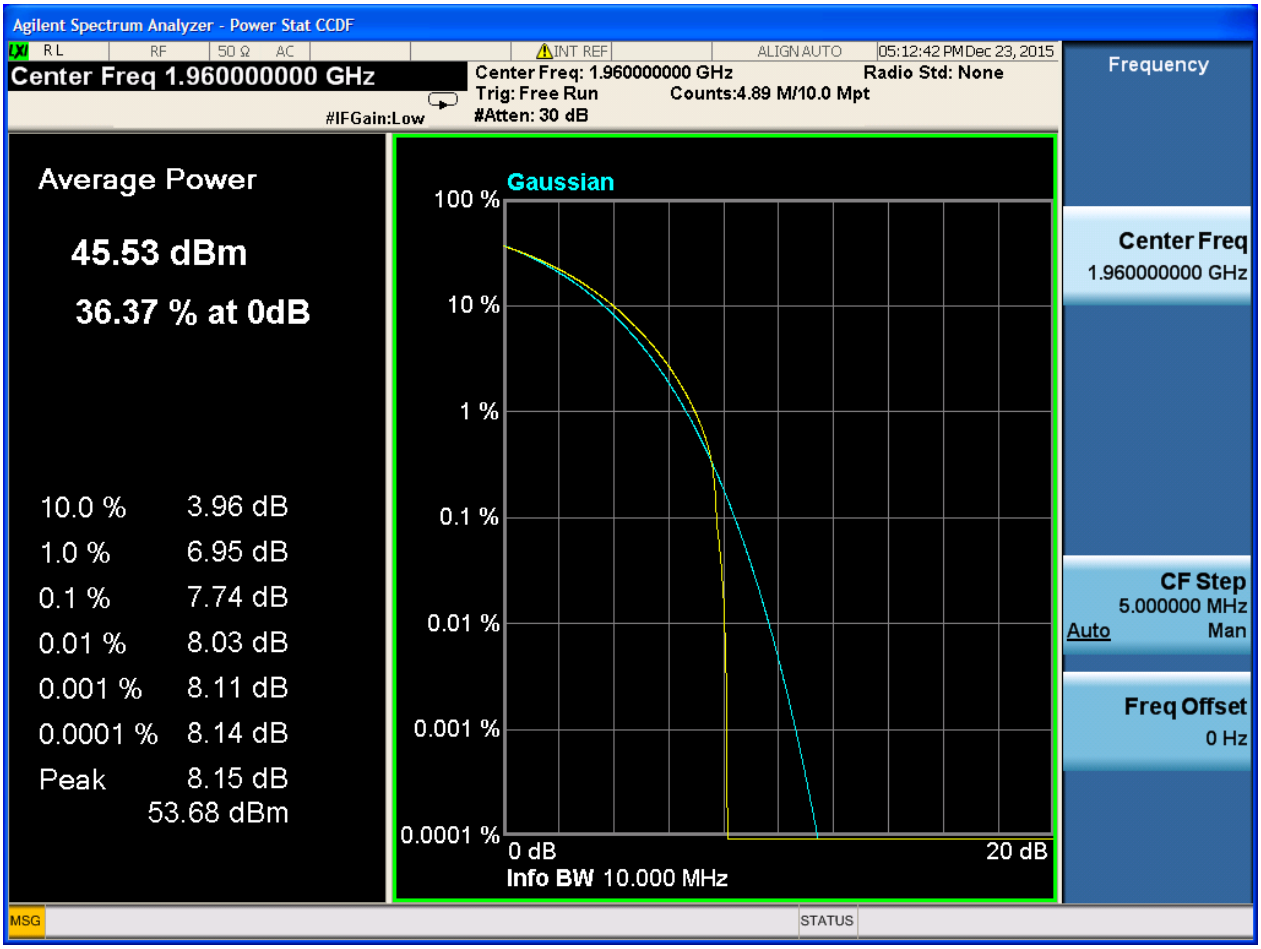
2.2.6 1L5M_TM1_T_Band2



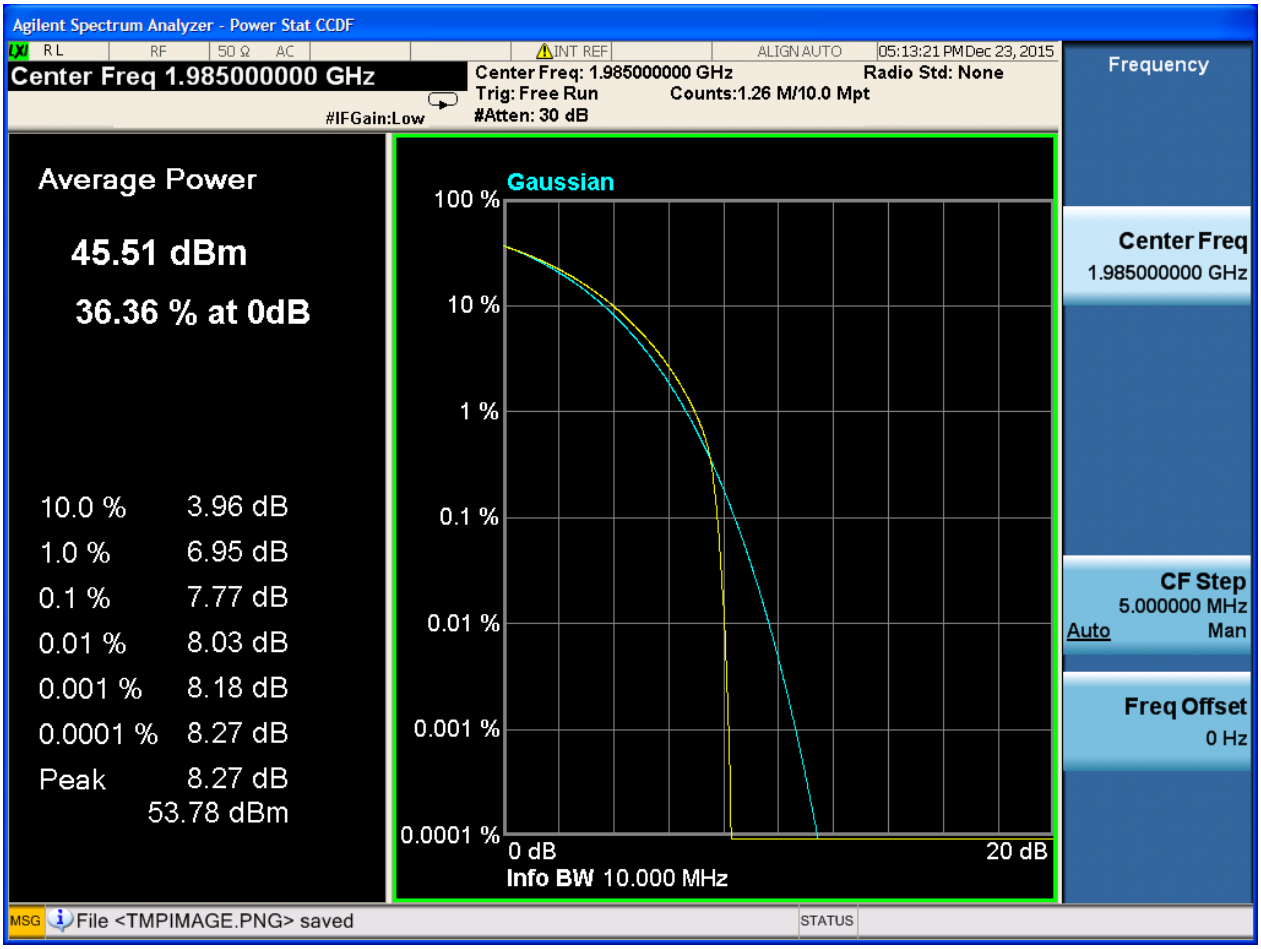
2.2.7 1L10M_TM1_B_Band2



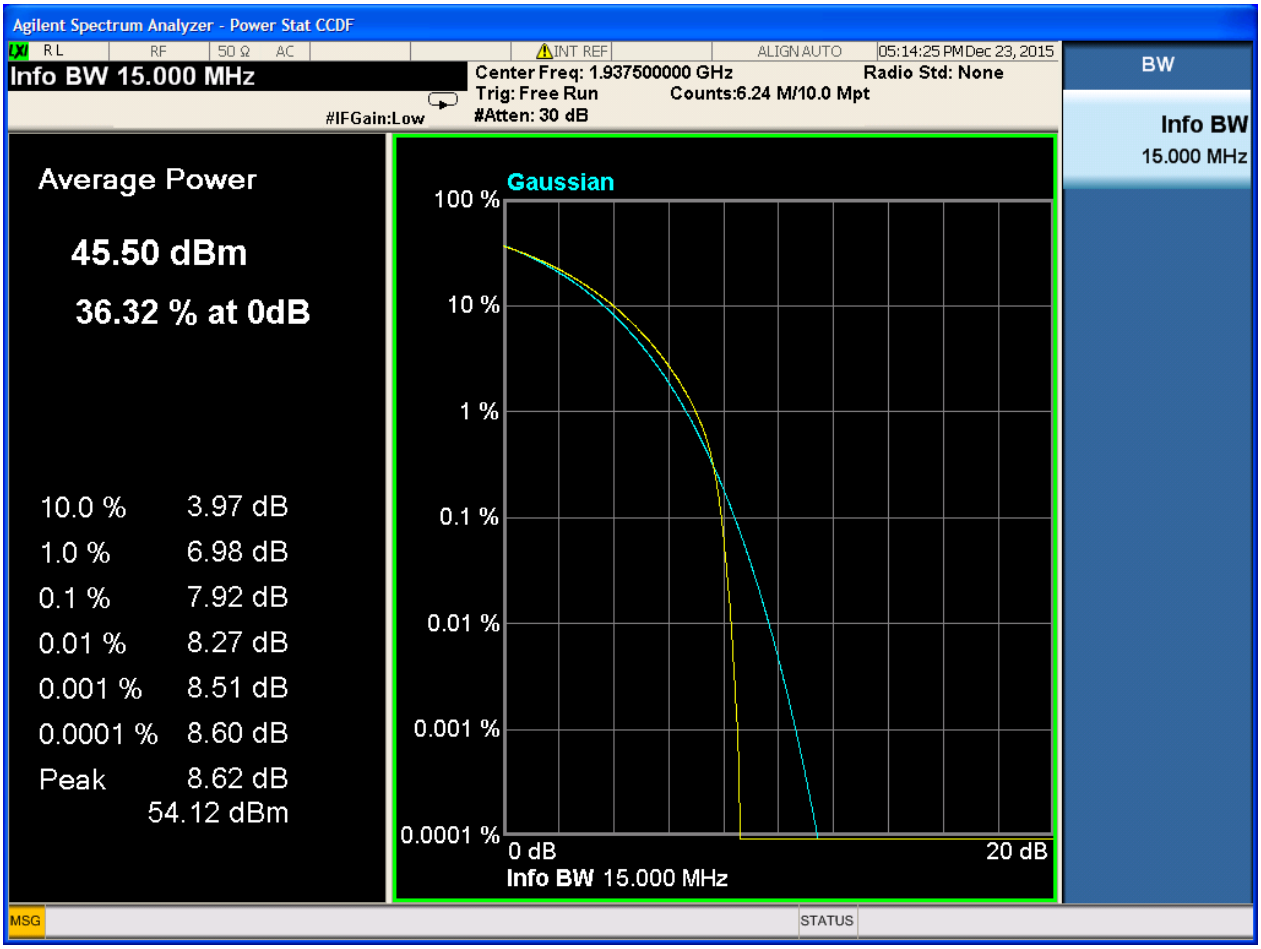
2.2.8 1L10M_TM1_M_Band2



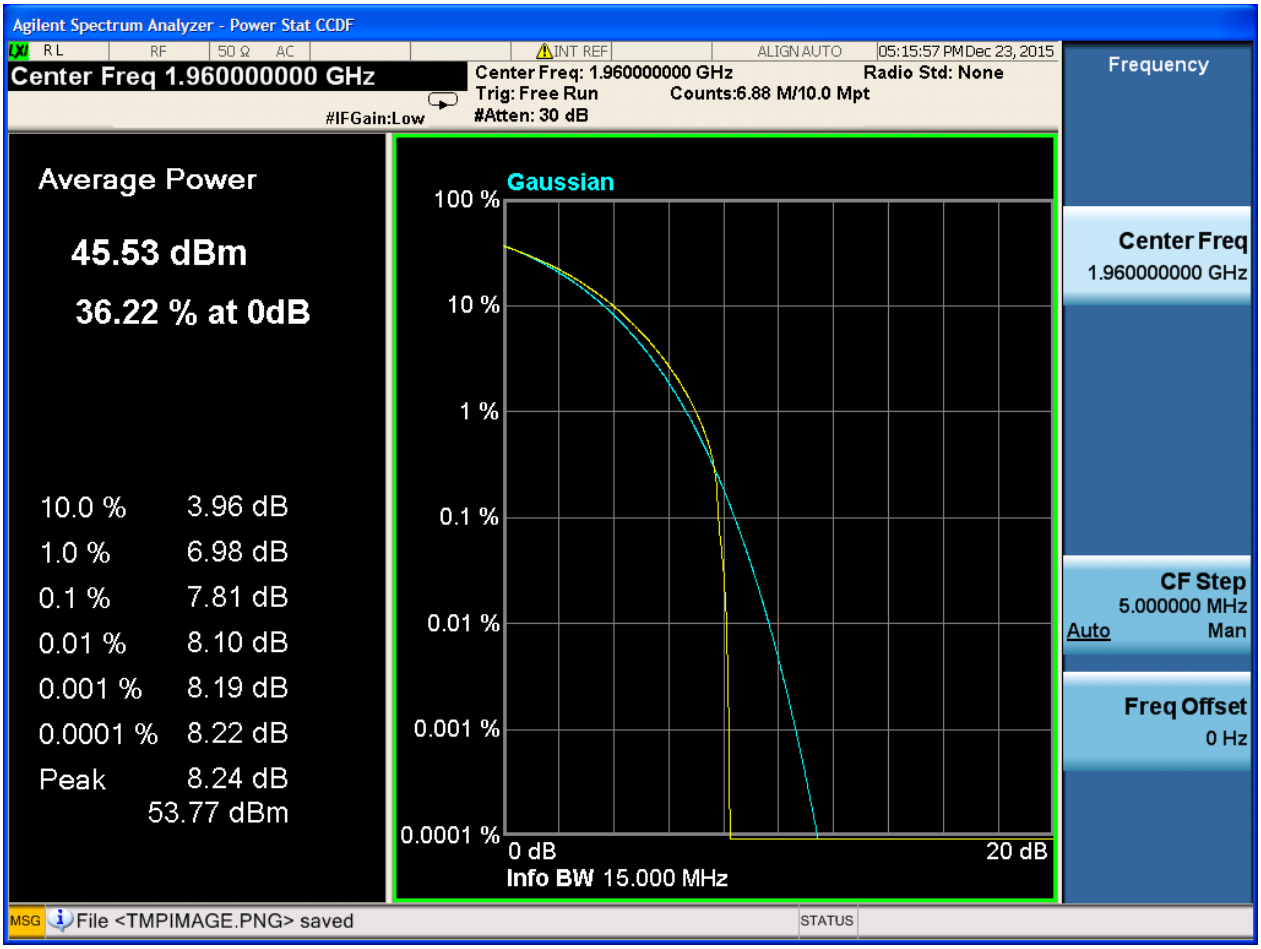
2.2.9 1L10M_TM1_T_Band2



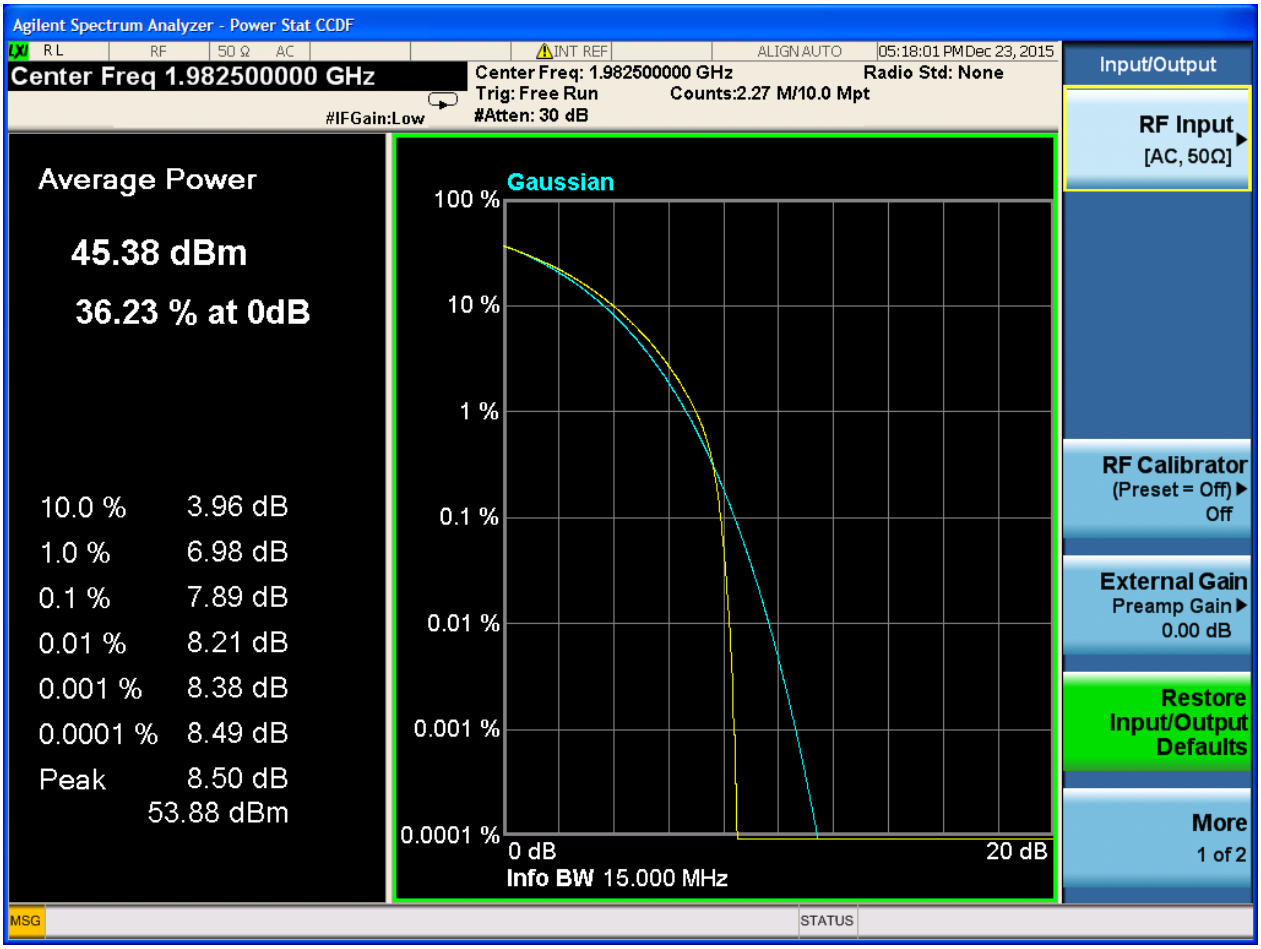
2.2.10 1L15M_TM1_B_Band2



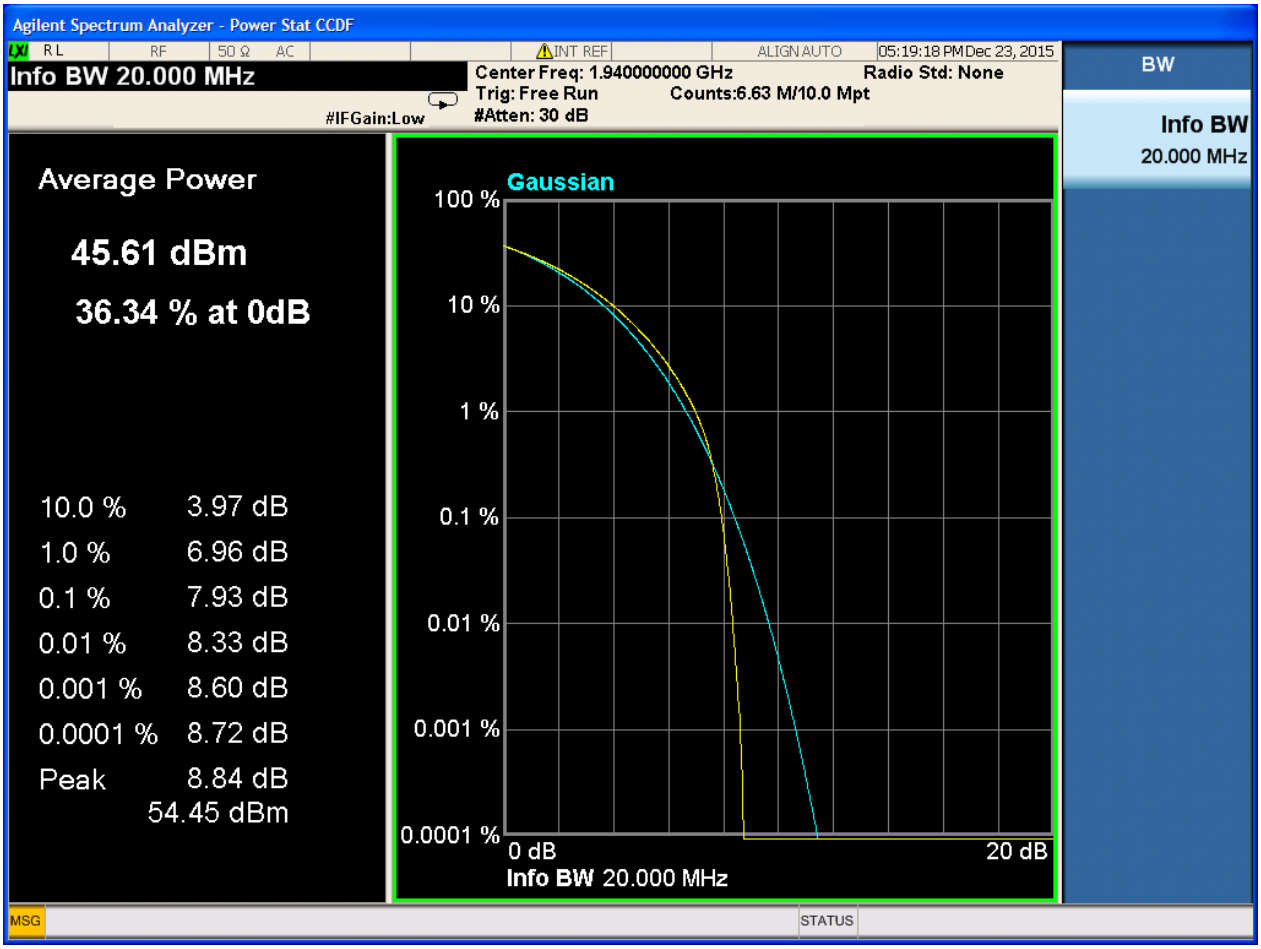
2.2.11 1L15M_TM1_M_Band2



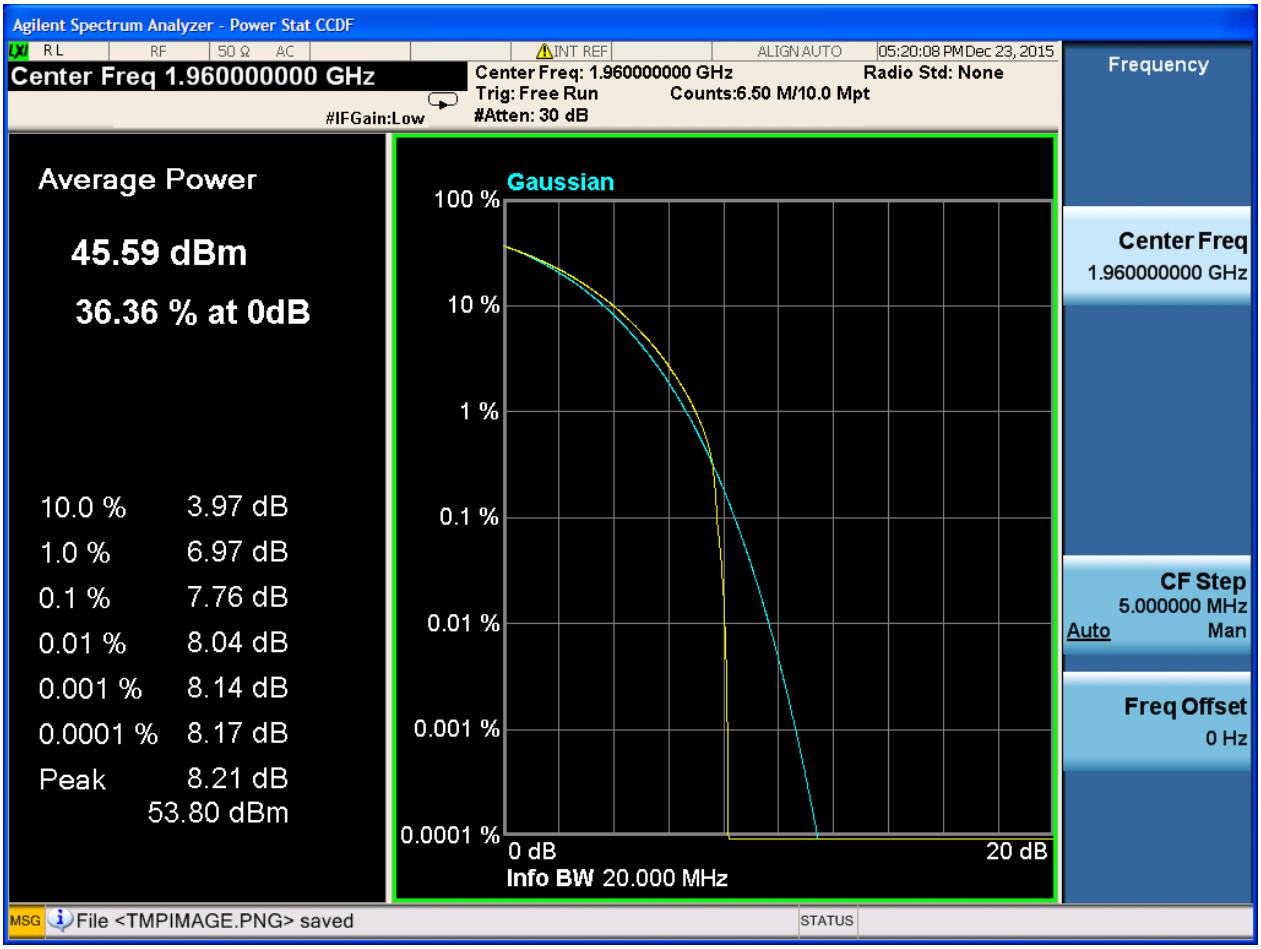
2.2.12 1L15M_TM1_T_Band2



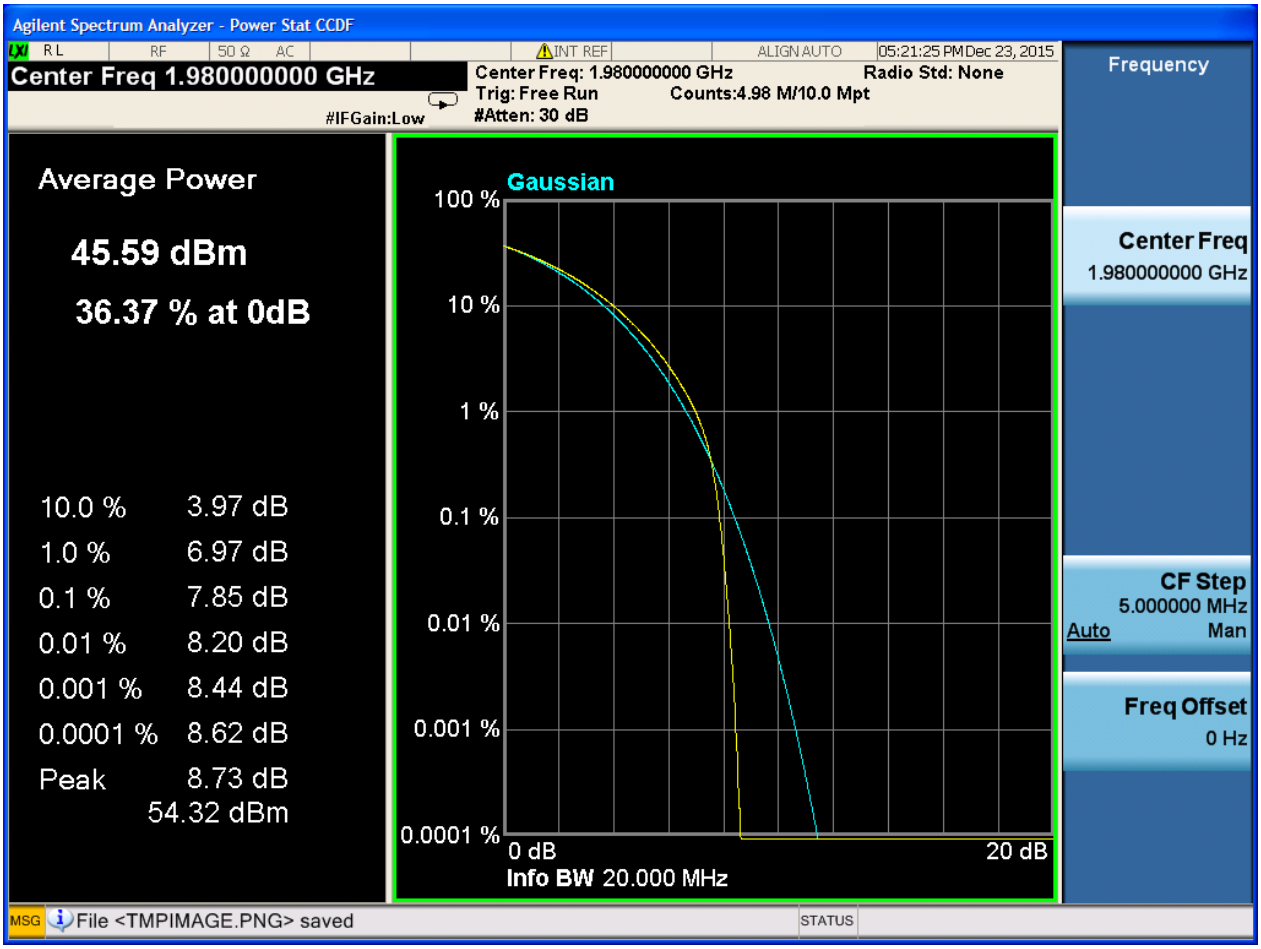
2.2.13 1L20M_TM1_B_Band2



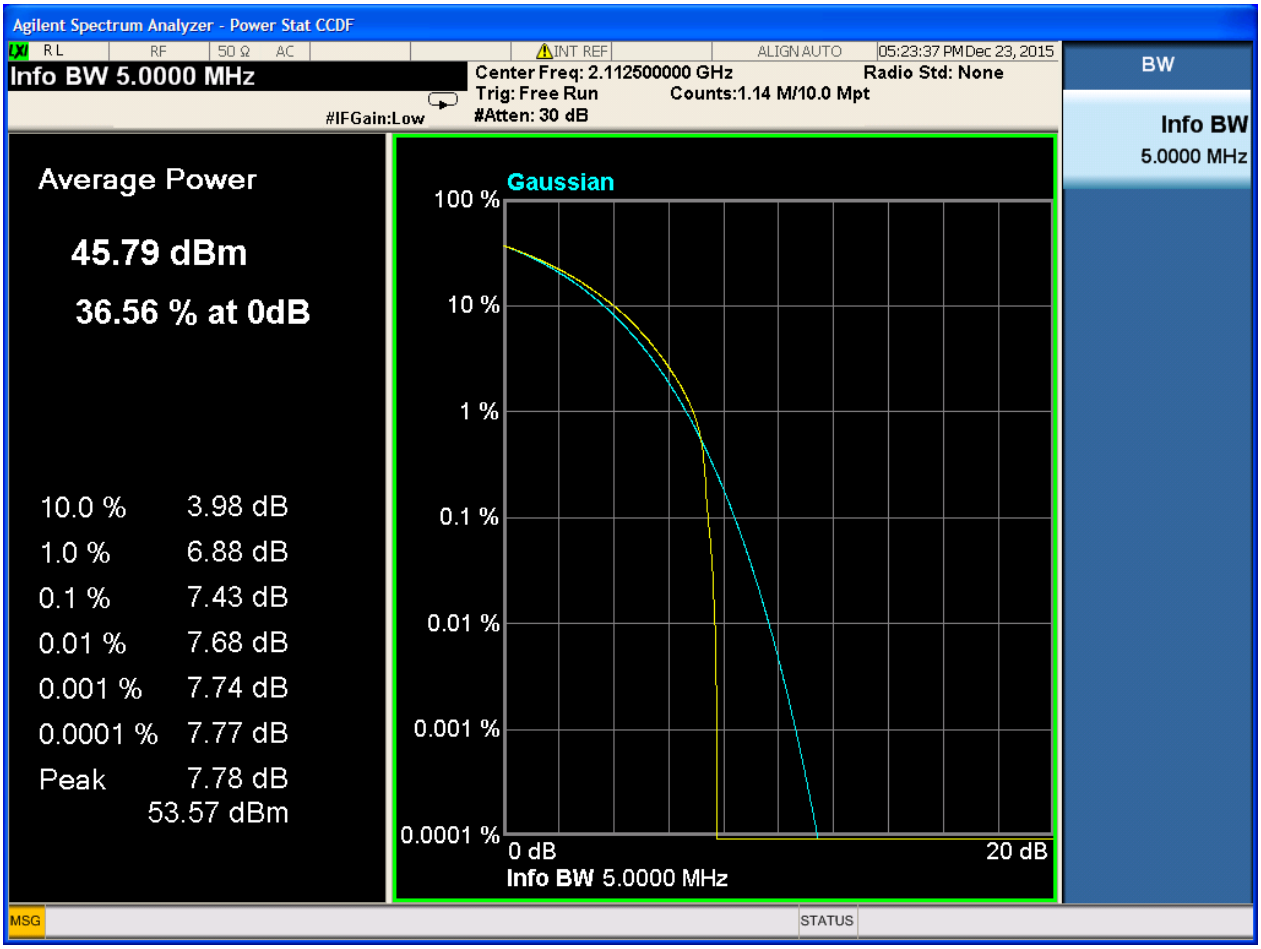
2.2.14 1L20M_TM1_M_Band2



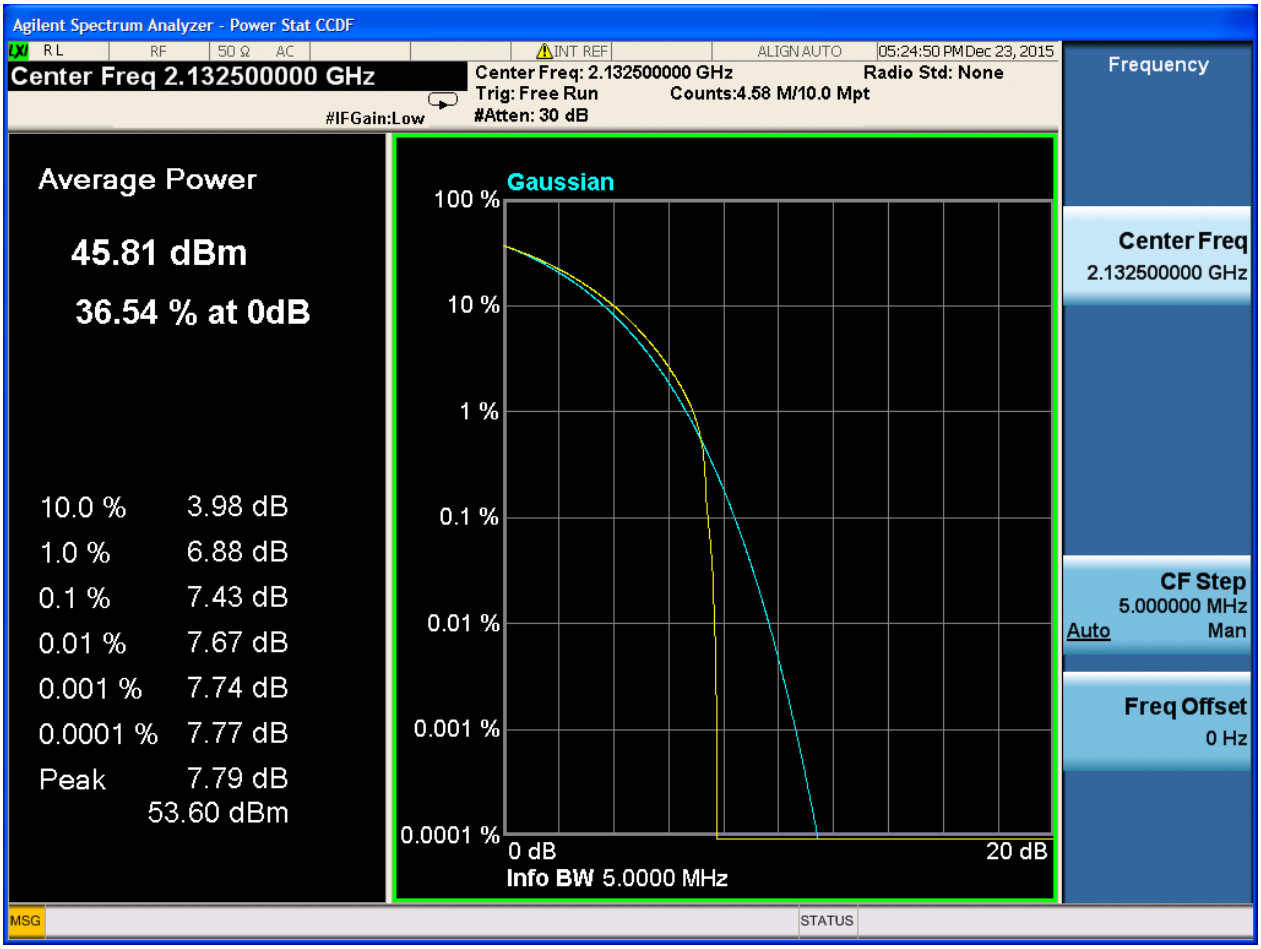
2.2.15 1L20M_TM1_T_Band2



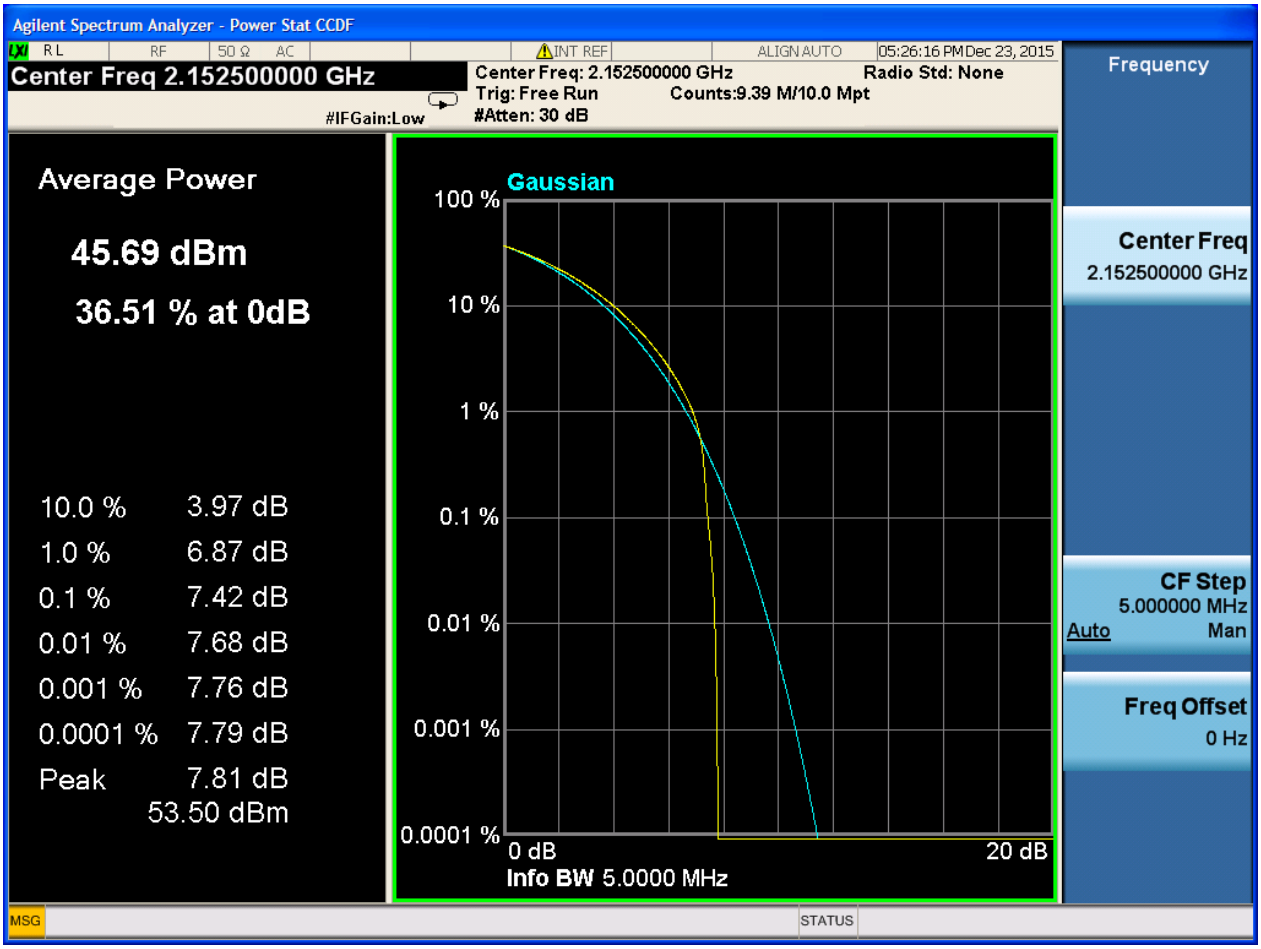
2.2.16 1L5M_TM1_B_Band4



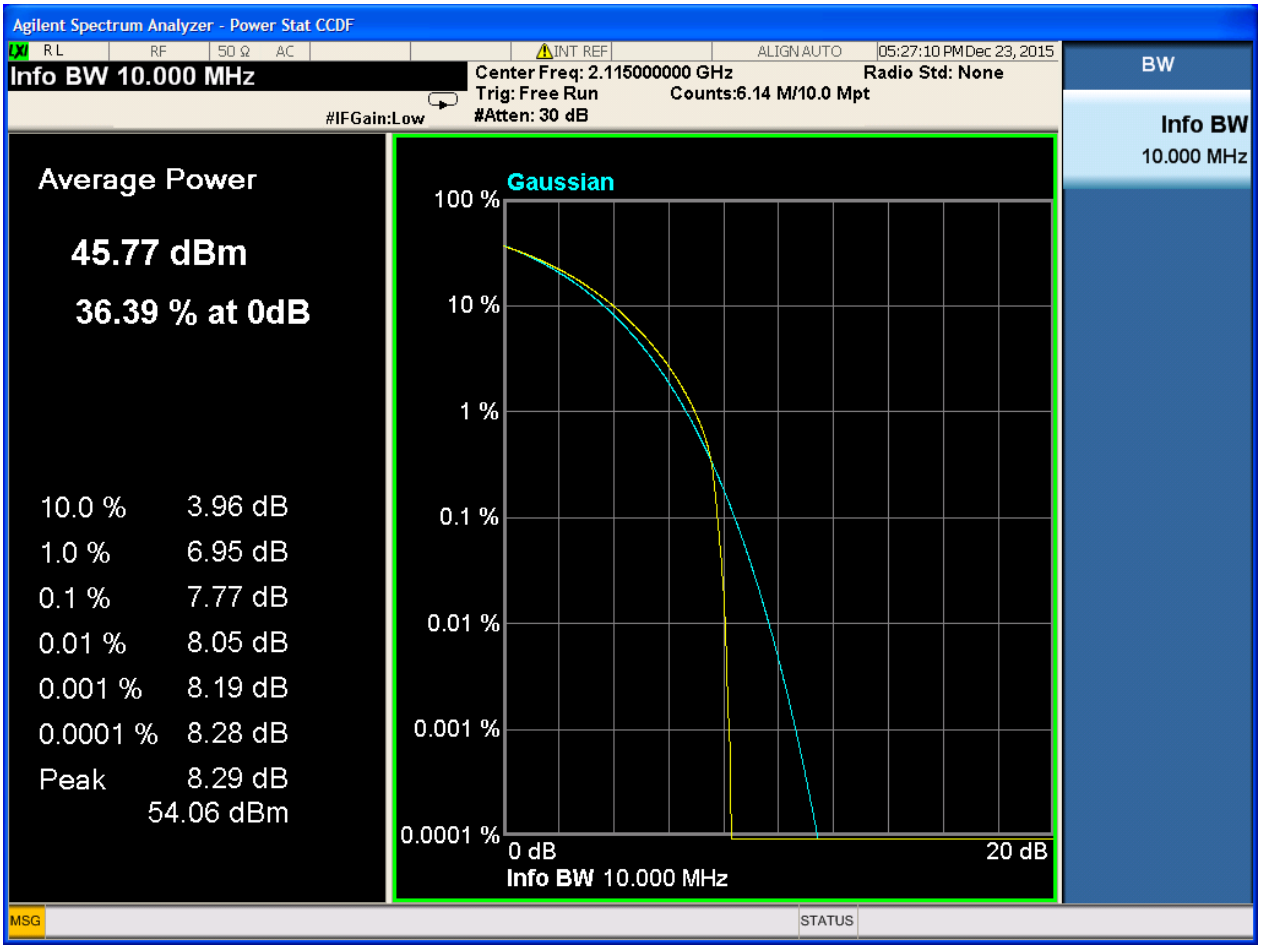
2.2.17 1L5M_TM1_M_Band4



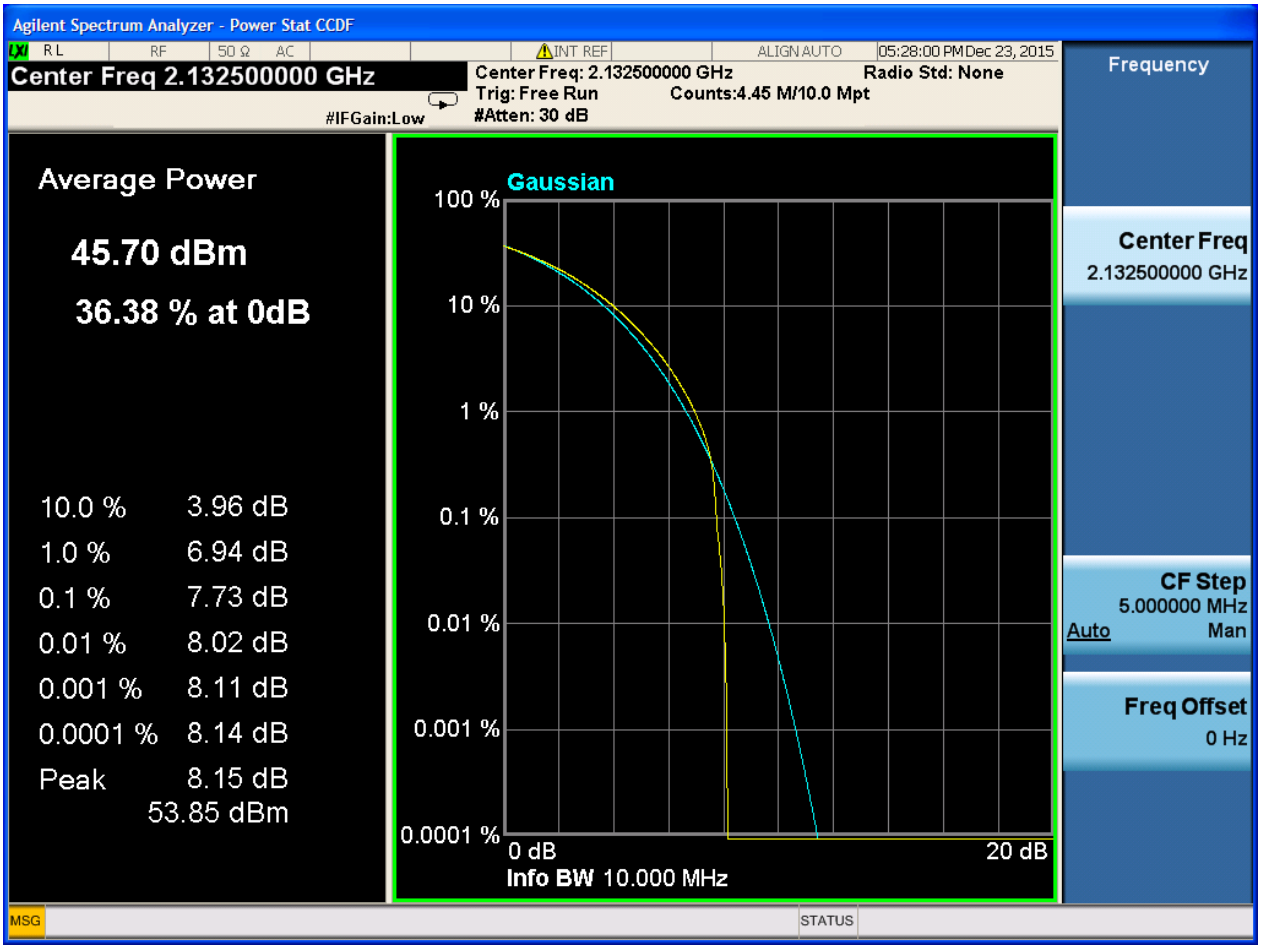
2.2.18 1L5M_TM1_T_Band4



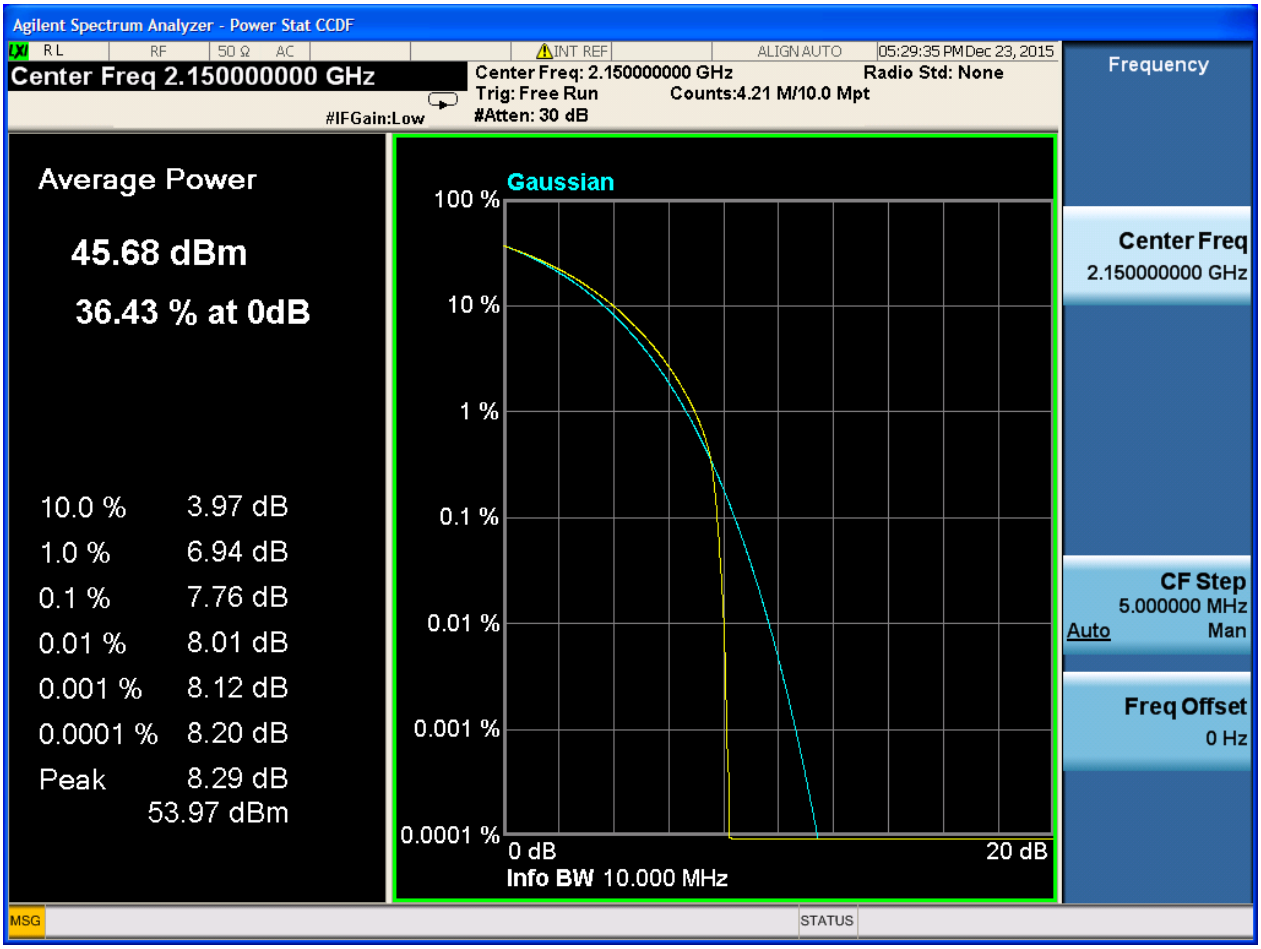
2.2.19 1L10M_TM1_B_Band4



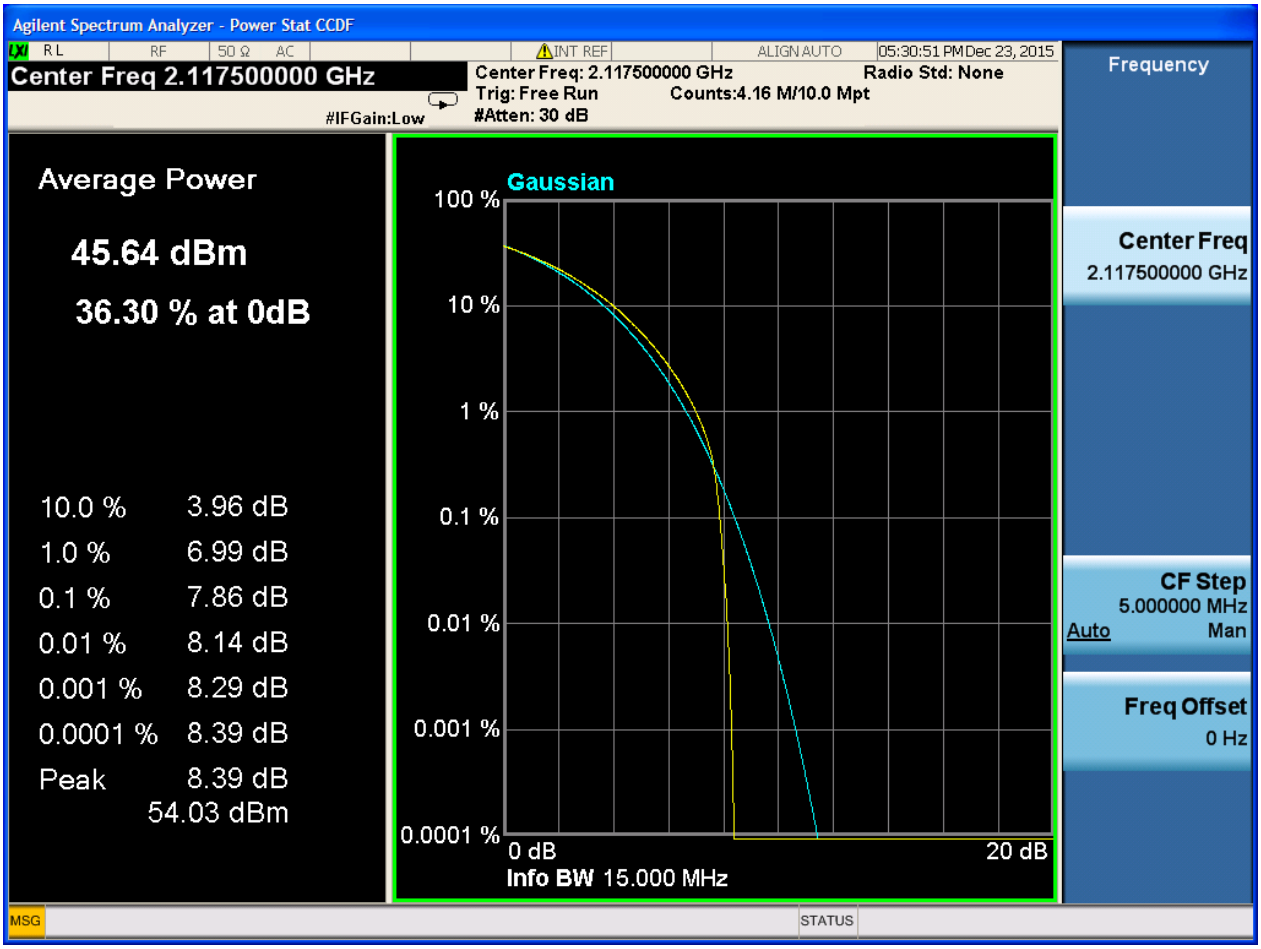
2.2.20 1L10M_TM1_M_Band4



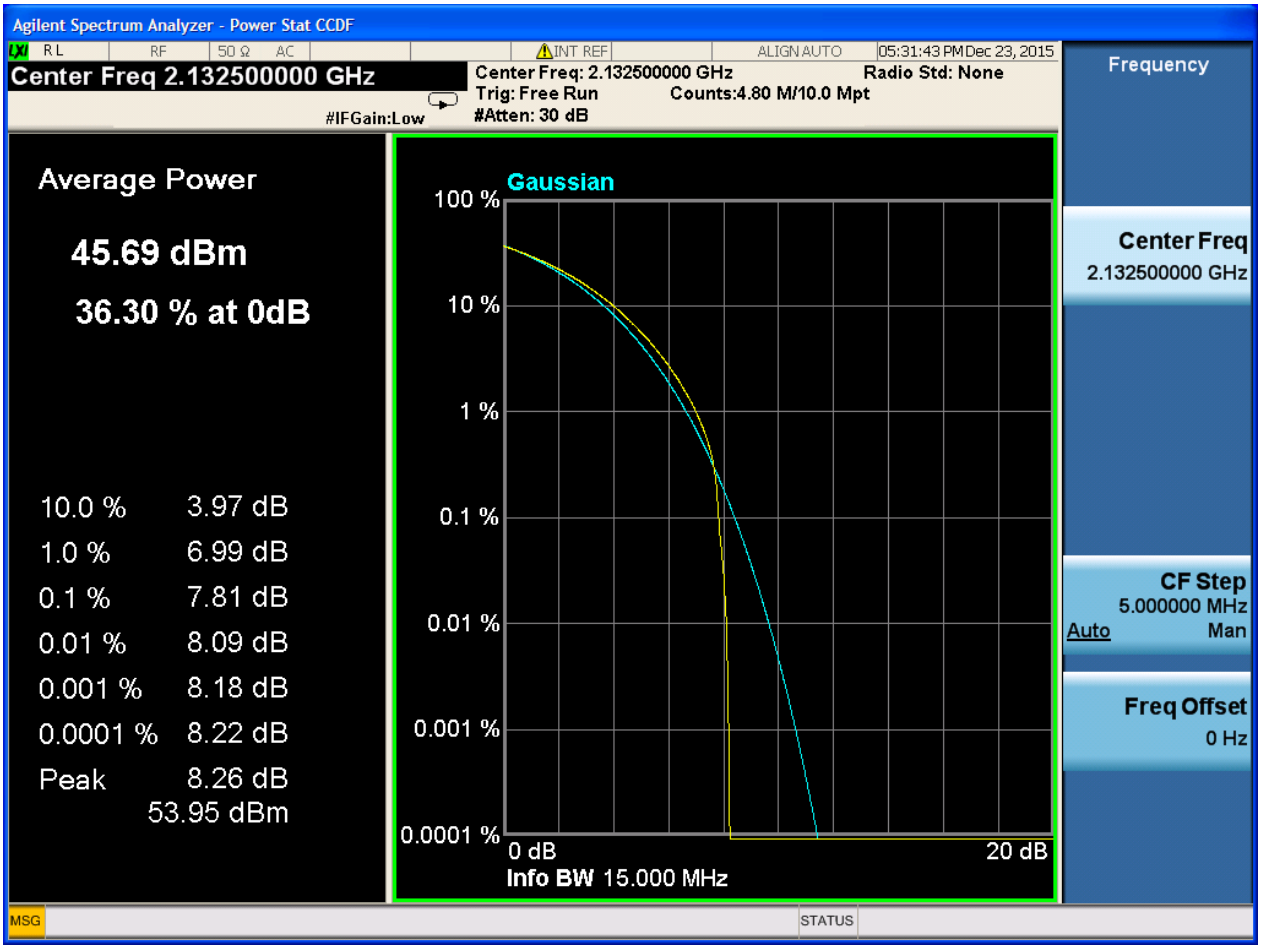
2.2.21 1L10M_TM1_T_Band4



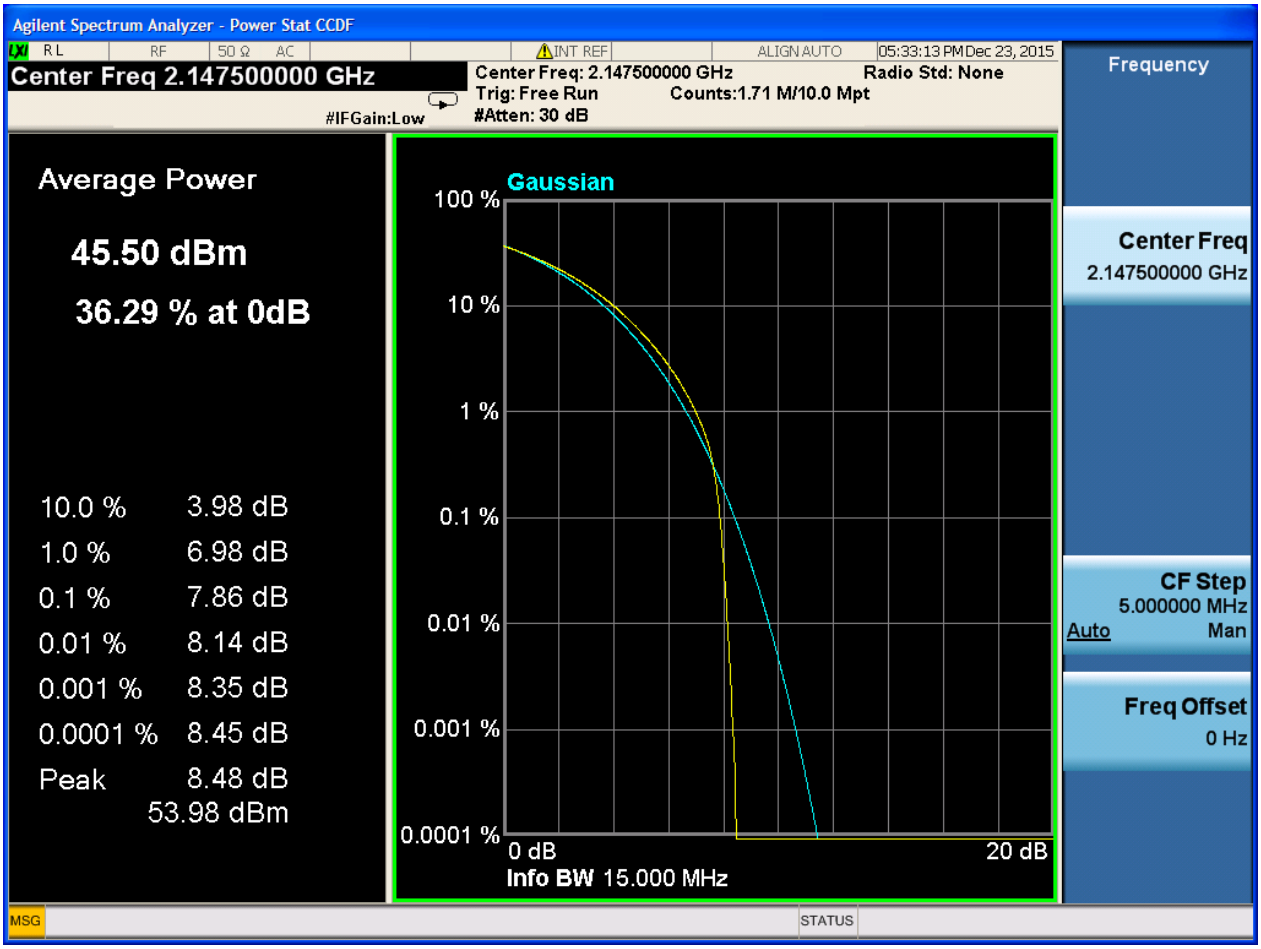
2.2.22 1L15M_TM1_B_Band4



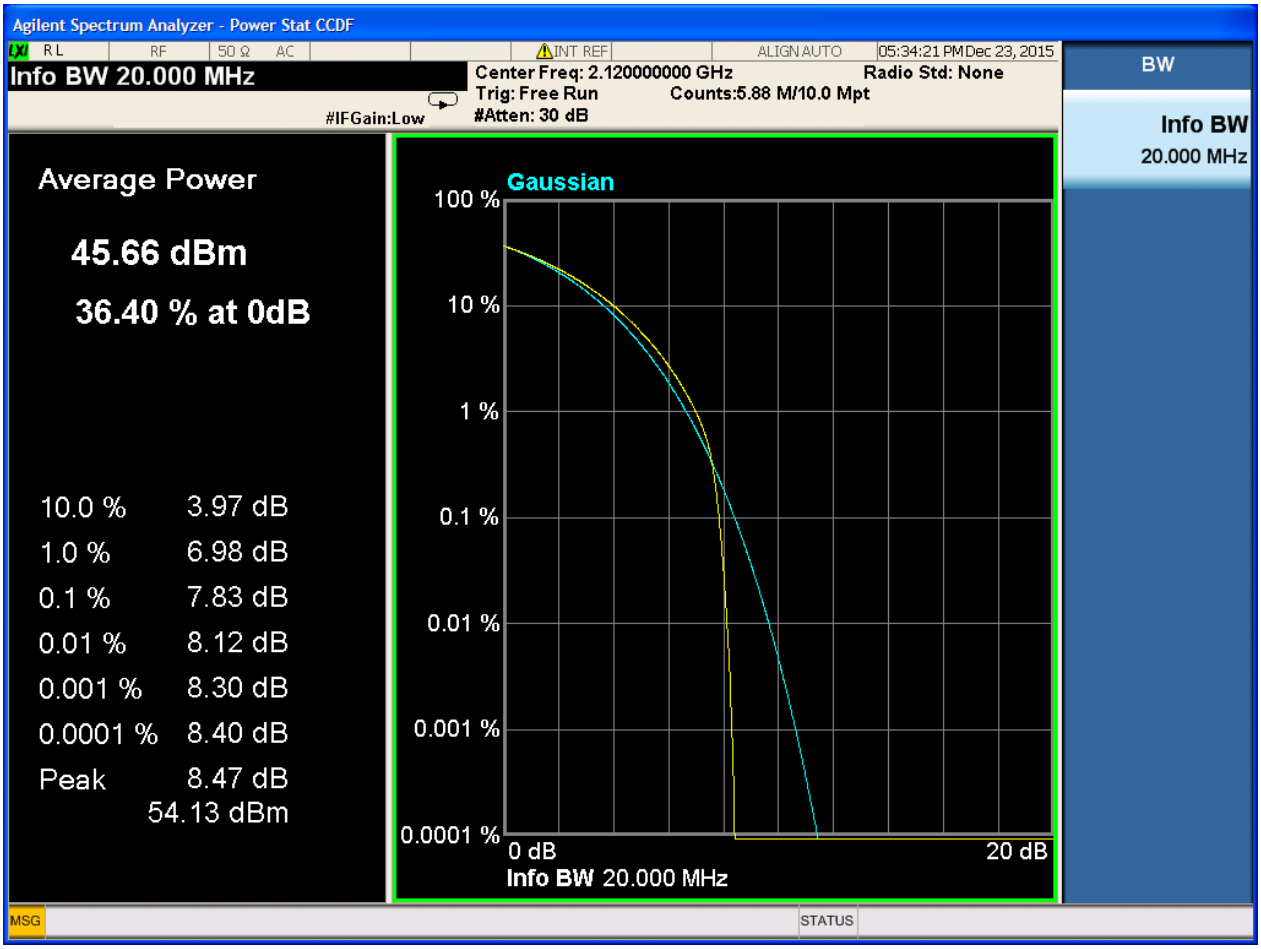
2.2.23 1L15M_TM1_M_Band4



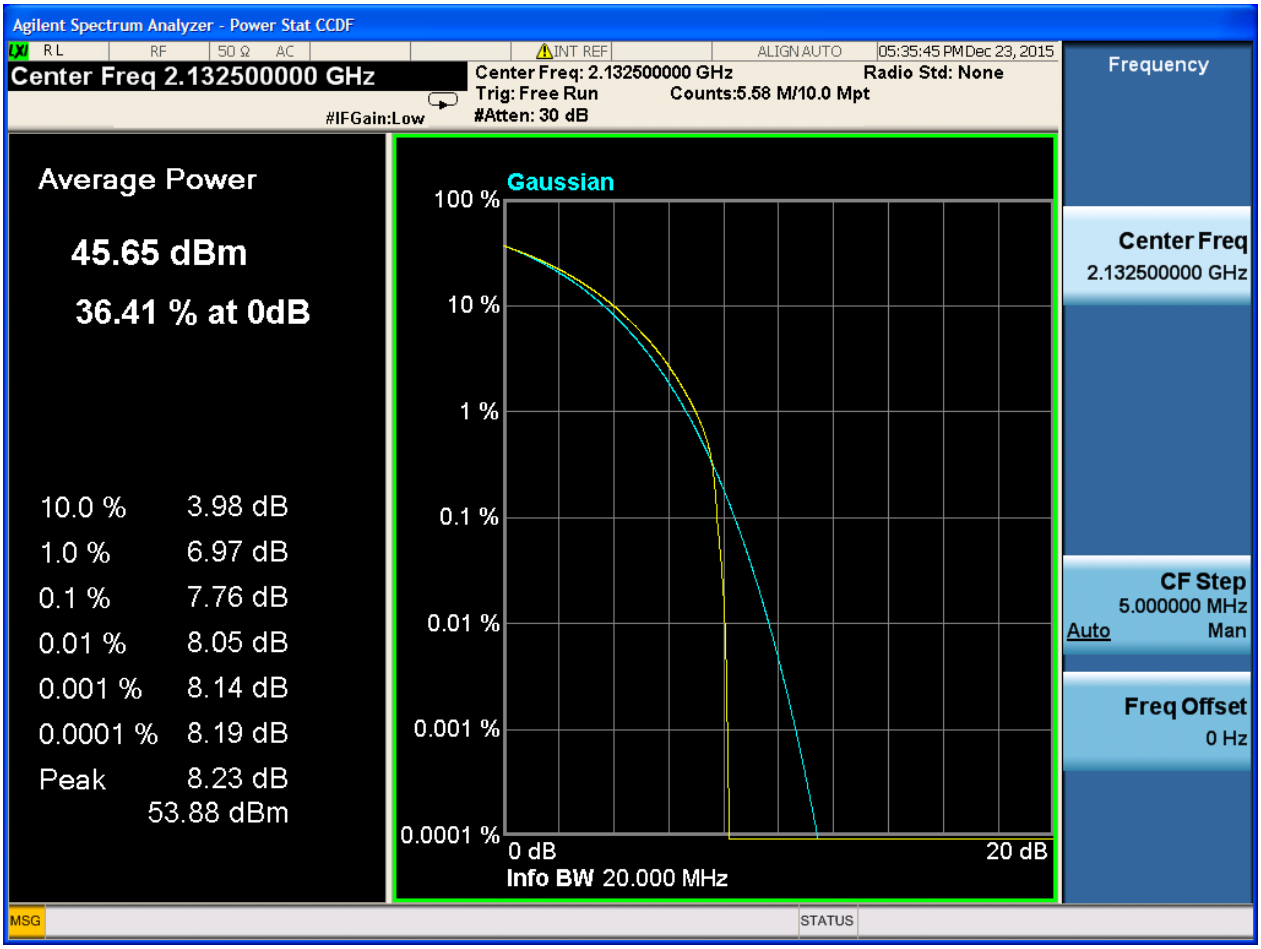
2.2.24 1L15M_TM1_T_Band4



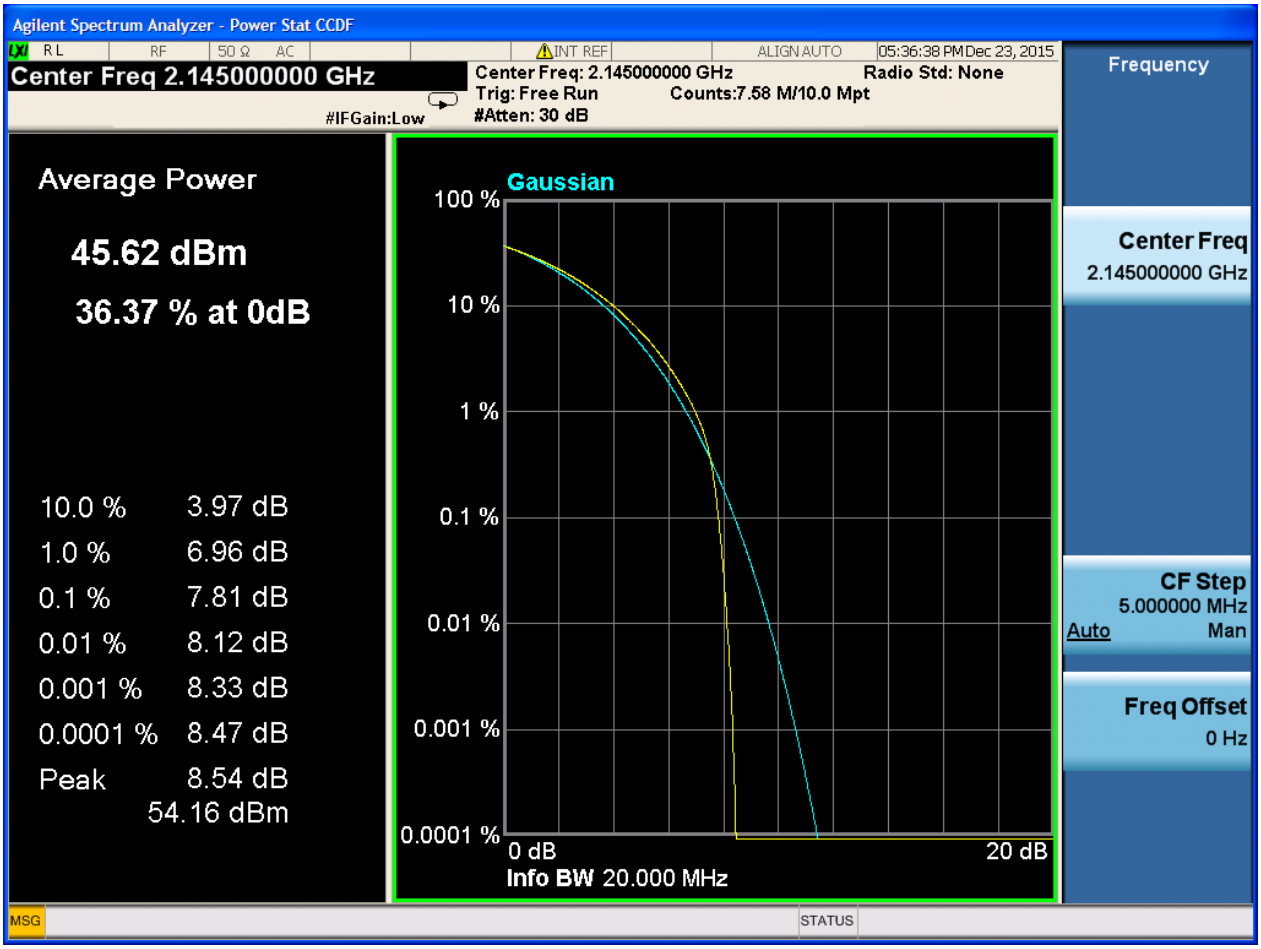
2.2.25 1L20M_TM1_B_Band4



2.2.26 1L20M_TM1_M_Band4



2.2.27 1L20M_TM1_T_Band4



Appendix B: Bandwidth

1 Result Table

1.1 Occupied Bandwidth

EUT Conf.	Occupied Bandwidth [MHz]	Verdict
1U_TM1_B_Band2	4.143902	Pass
1U_TM1_M_Band2	4.135039	Pass
1U_TM1_T_Band2	4.127782	Pass
1L5M_TM1_B_Band2	4.491186	Pass
1L5M_TM1_M_Band2	4.49538	Pass
1L5M_TM1_T_Band2	4.4949	Pass
1L10M_TM1_B_Band2	8.97087	Pass
1L10M_TM1_M_Band2	8.972688	Pass
1L10M_TM1_T_Band2	8.974638	Pass
1L15M_TM1_B_Band2	13.48626	Pass
1L15M_TM1_M_Band2	13.49472	Pass
1L15M_TM1_T_Band2	13.48574	Pass
1L20M_TM1_B_Band2	17.94311	Pass
1L20M_TM1_M_Band2	17.93579	Pass
1L20M_TM1_T_Band2	17.9392	Pass
1L5M_TM1_B_Band4	4.500275	Pass
1L5M_TM1_M_Band4	4.496431	Pass
1L5M_TM1_T_Band4	4.497591	Pass
1L10M_TM1_B_Band4	8.97225	Pass
1L10M_TM1_M_Band4	8.971329	Pass

EUT Conf.	Occupied Bandwidth [MHz]	Verdict
1L10M_TM1_T_Band4	8.985027	Pass
1L15M_TM1_B_Band2	13.50568	Pass
1L15M_TM1_M_Band4	13.50318	Pass
1L15M_TM1_T_Band4	13.49435	Pass
1L20M_TM1_B_Band4	17.97966	Pass
1L20M_TM1_M_Band4	17.97267	Pass
1L20M_TM1_T_Band4	17.93345	Pass

1.2 Emission Bandwidth

EUT Conf.	Emission Bandwidth, -26 dBc [MHz]	Verdict
1U_TM1_B_Band2	4.622464	Pass
1U_TM1_M_Band2	4.622336	Pass
1U_TM1_T_Band2	4.622464	Pass
1L5M_TM1_B_Band2	4.709248	Pass
1L5M_TM1_M_Band2	4.70912	Pass
1L5M_TM1_T_Band2	4.71424	Pass
1L10M_TM1_B_Band2	9.334784	Pass
1L10M_TM1_M_Band2	9.334784	Pass
1L10M_TM1_T_Band2	9.314432	Pass
1L15M_TM1_B_Band2	13.945216	Pass
1L15M_TM1_M_Band2	13.98592	Pass
1L15M_TM1_T_Band2	13.914624	Pass
1L20M_TM1_B_Band2	18.544768	Pass
1L20M_TM1_M_Band2	18.575232	Pass
1L20M_TM1_T_Band2	18.538624	Pass
1L5M_TM1_B_Band4	4.719488	Pass
1L5M_TM1_M_Band4	4.704128	Pass
1L5M_TM1_T_Band4	4.71936	Pass
1L10M_TM1_B_Band4	9.324672	Pass
1L10M_TM1_M_Band4	9.314432	Pass
1L10M_TM1_T_Band4	9.324672	Pass
1L15M_TM1_B_Band2	13.975808	Pass
1L15M_TM1_M_Band4	13.97568	Pass
1L15M_TM1_T_Band4	13.950336	Pass

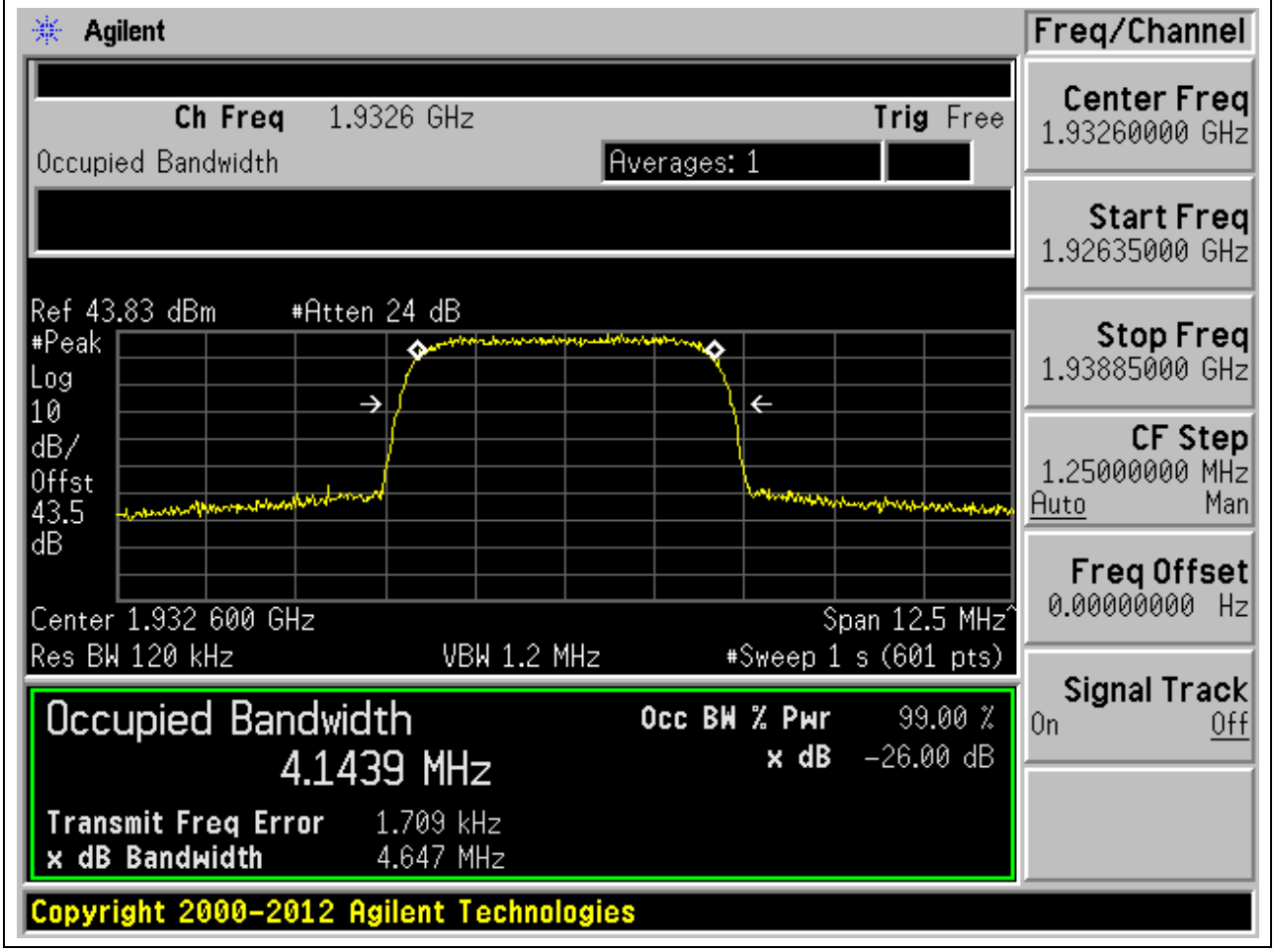
EUT Conf.	Emission Bandwidth, -26 dBc [MHz]	Verdict
1L20M_TM1_B_Band4	18.538624	Pass
1L20M_TM1_M_Band4	18.538752	Pass
1L20M_TM1_T_Band4	18.575232	Pass

2 Test Plot

2.1 Occupied Bandwidth

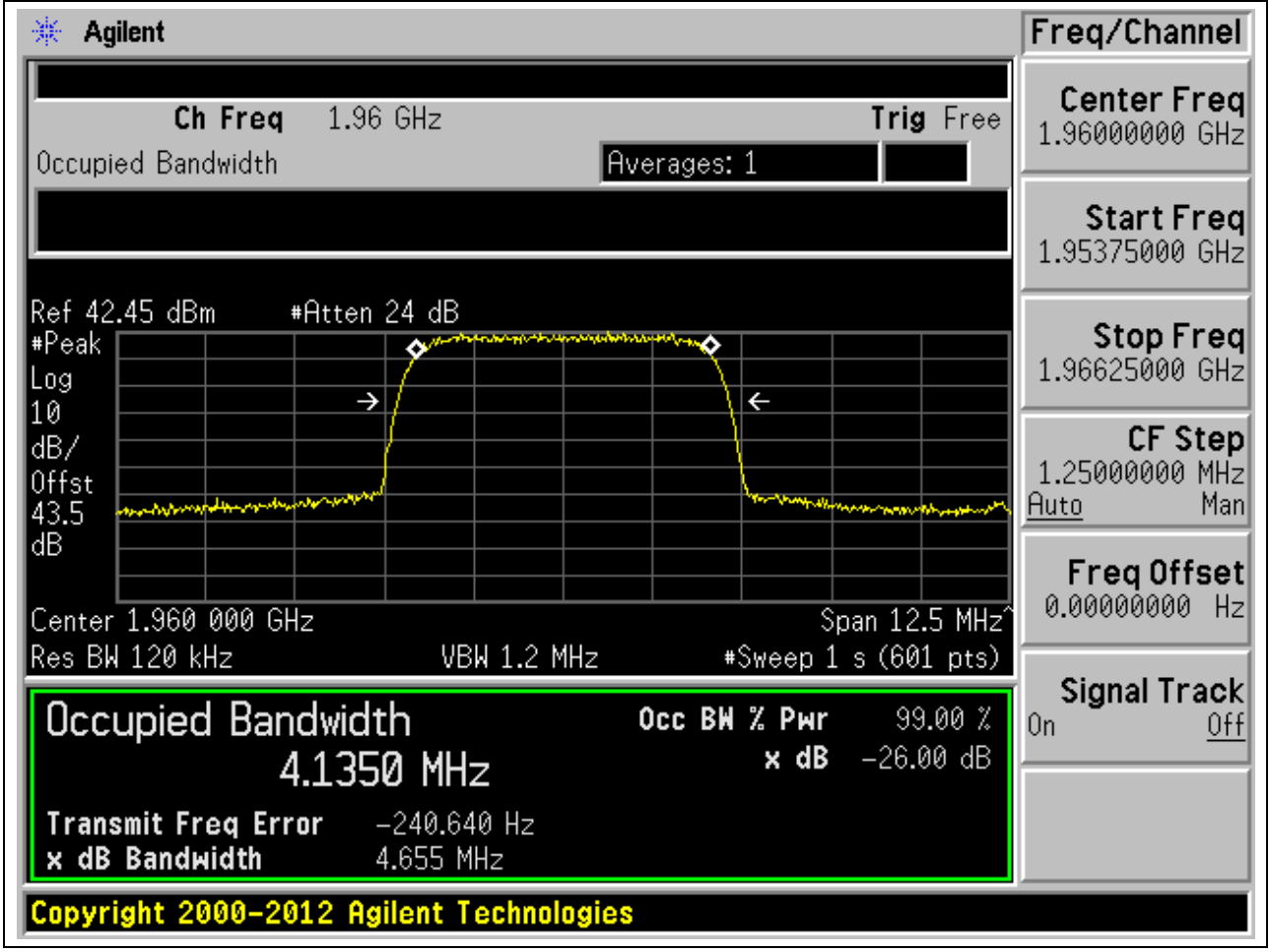
2.1.1 1U_TM1_B_Band2

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1932.6	99	Auto	RMS	4.143902	No Conclusion



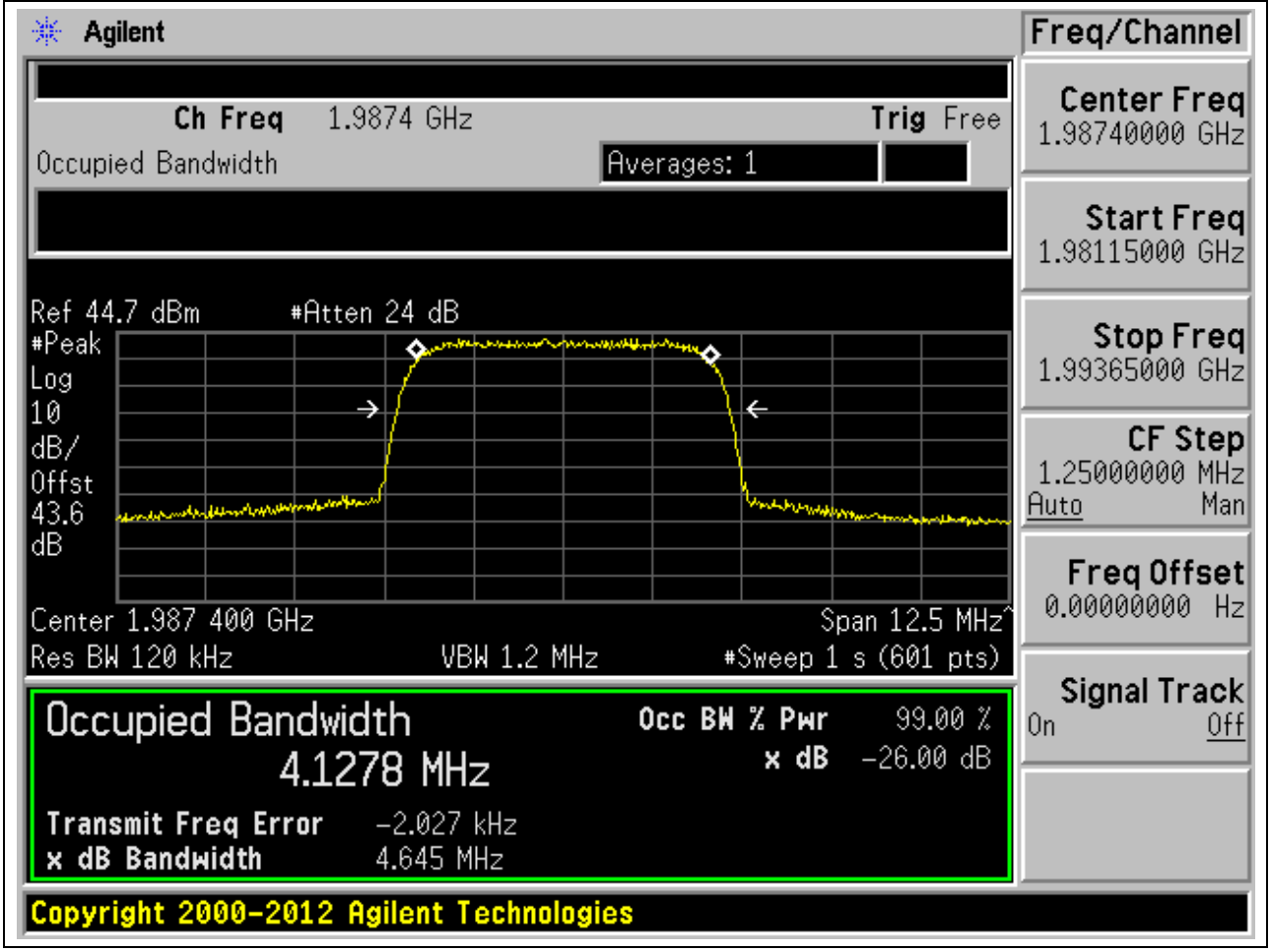
2.1.2 1U_TM1_M_Band2

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1960	99	Auto	RMS	4.135039	No Conclusion



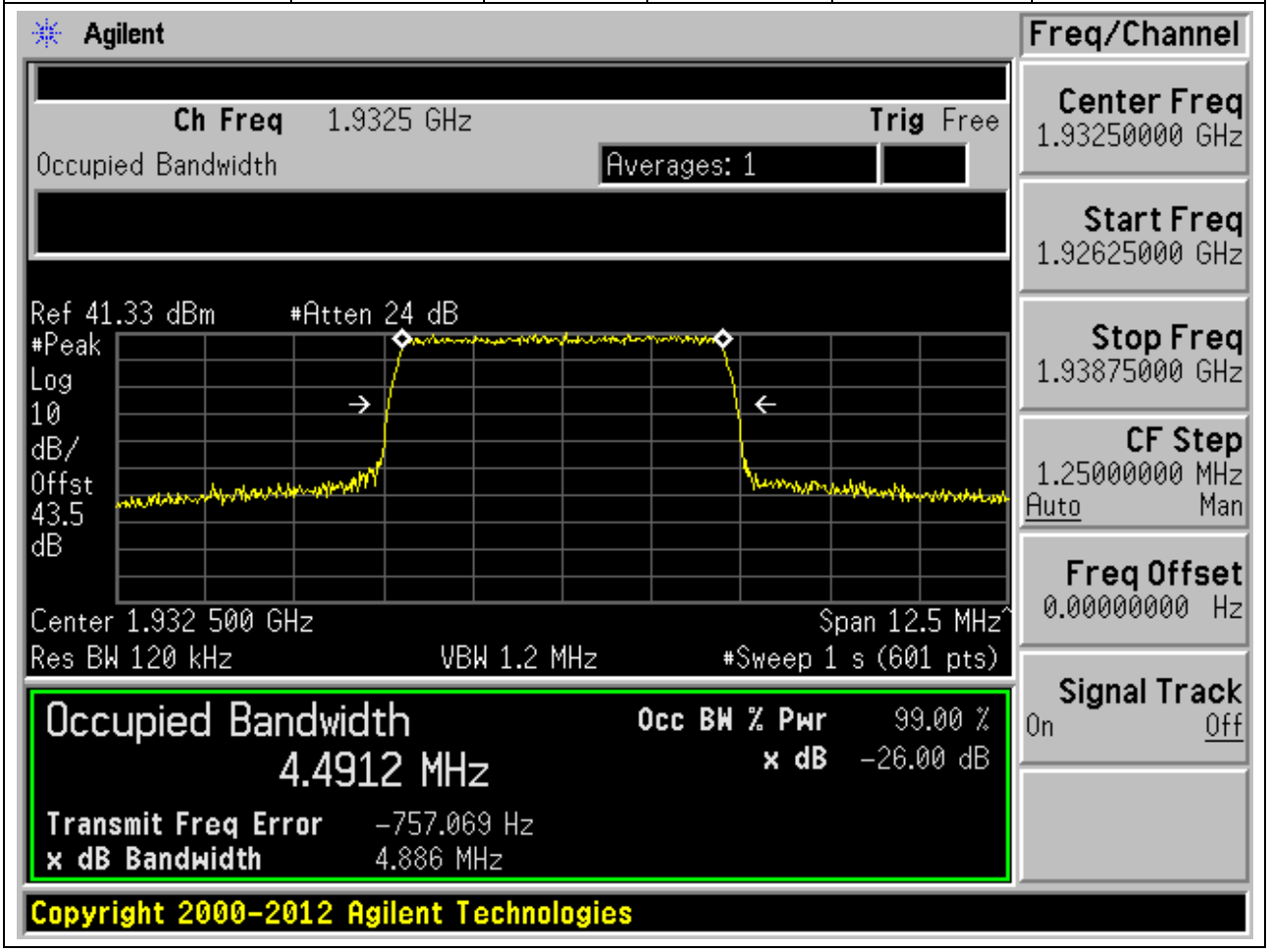
2.1.3 1U_TM1_T_Band2

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1987.4	99	Auto	RMS	4.127782	No Conclusion



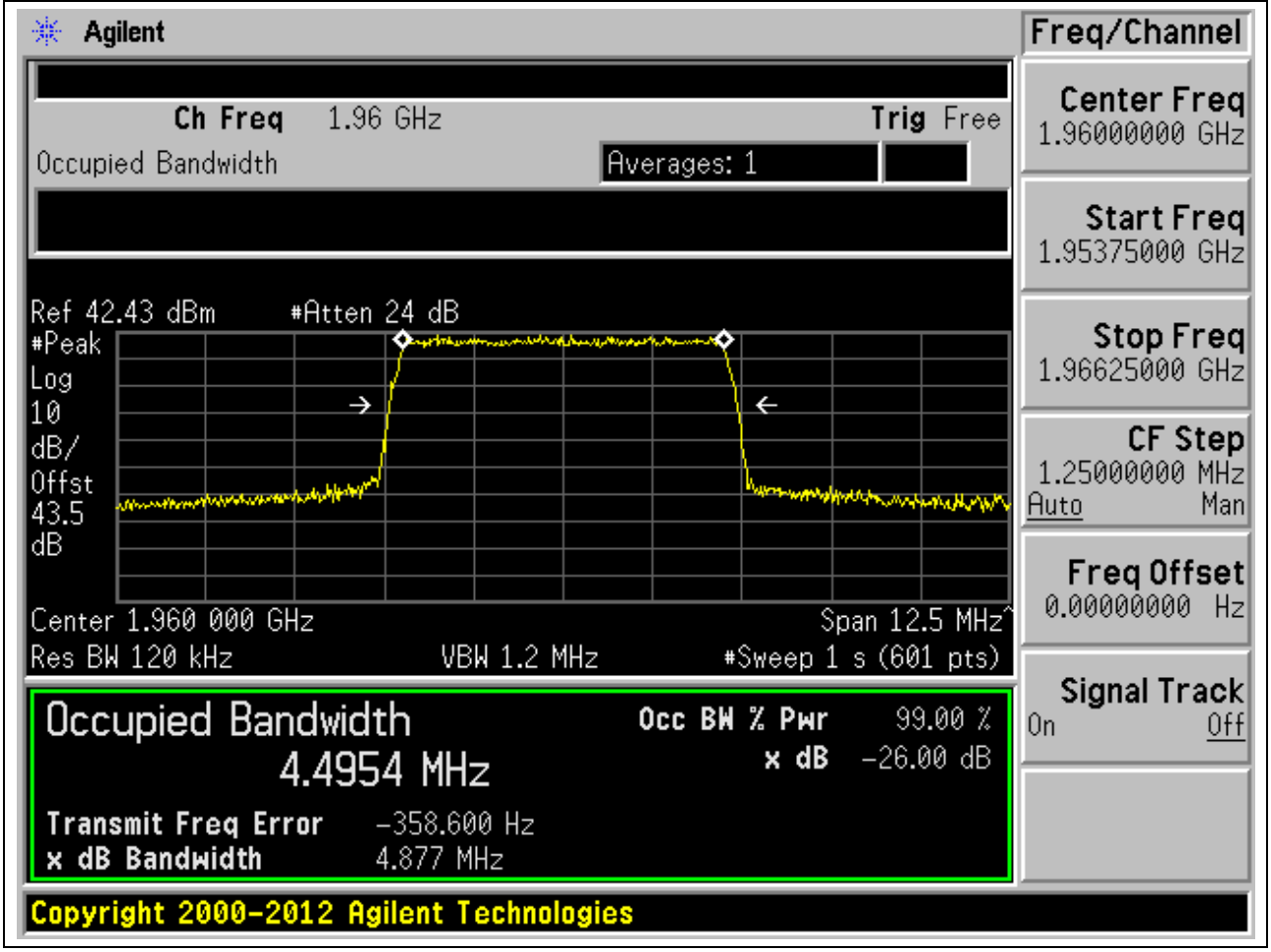
2.1.4 1L5M_TM1_B_Band2

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1932.5	99	Auto	RMS	4.491186	No Conclusion



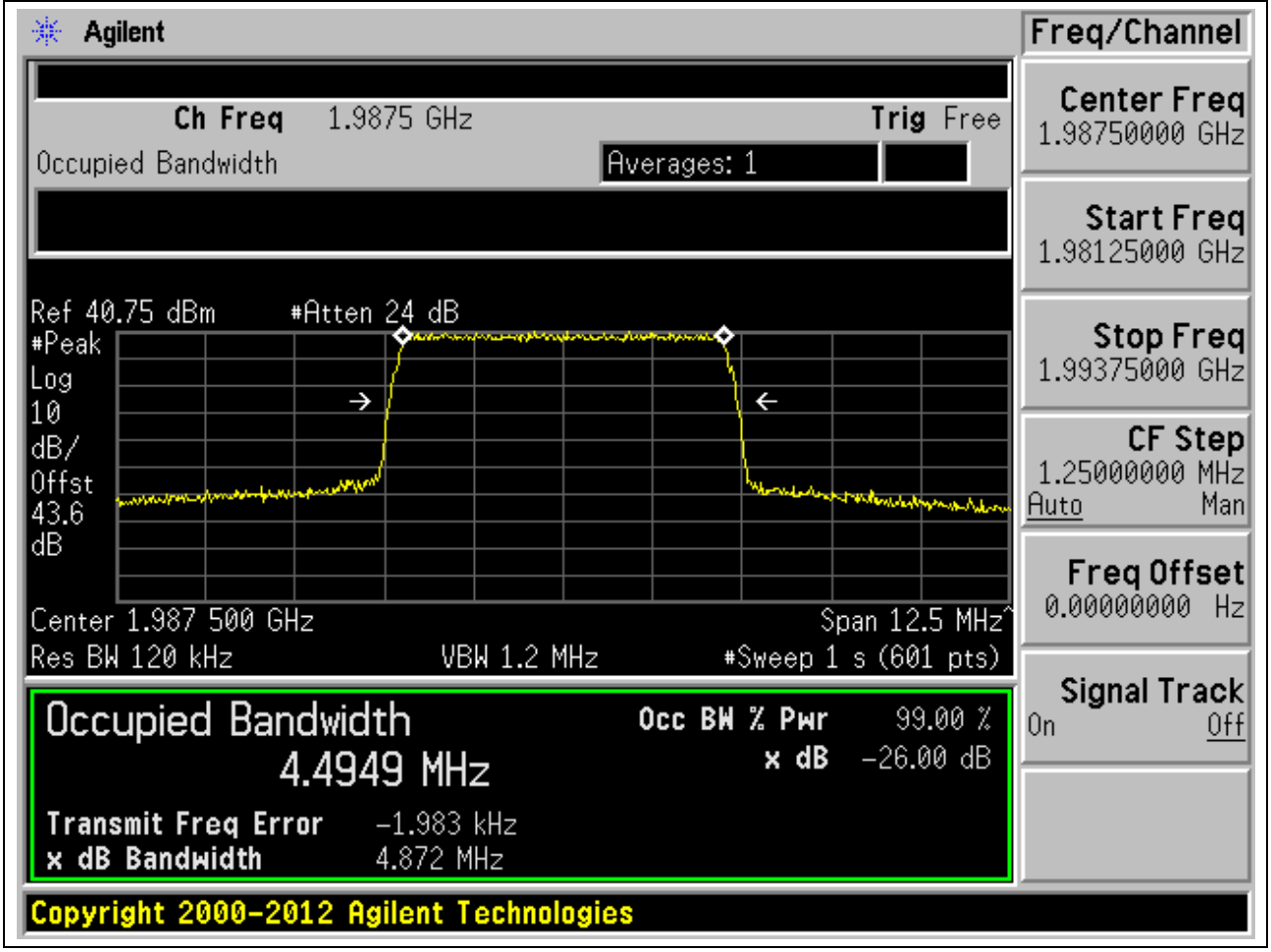
2.1.5 1L5M_TM1_M_Band2

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1960	99	Auto	RMS	4.49538	No Conclusion



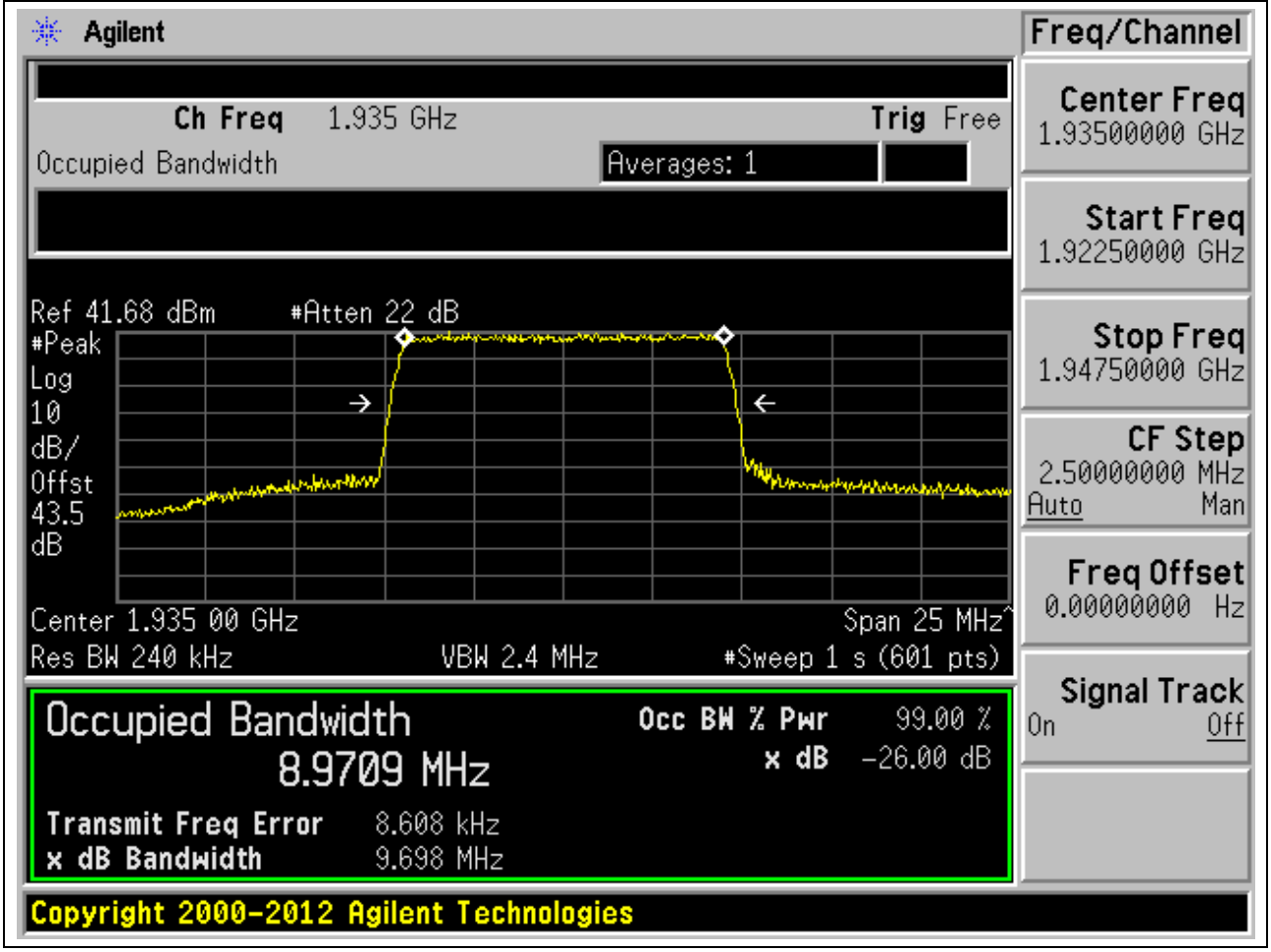
2.1.6 1L5M_TM1_T_Band2

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1987.5	99	Auto	RMS	4.4949	No Conclusion



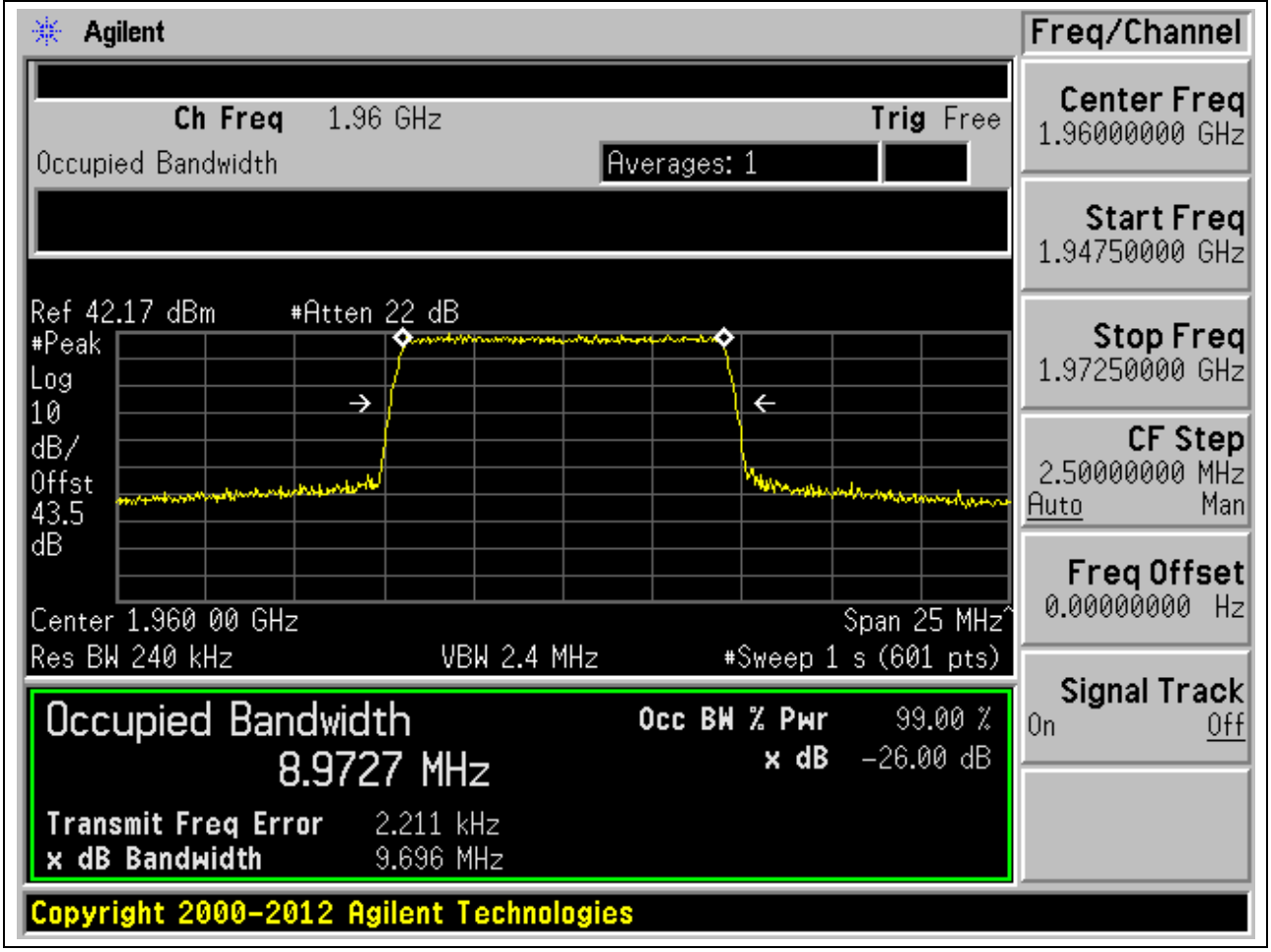
2.1.7 1L10M_TM1_B_Band2

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1935	99	Auto	RMS	8.97087	No Conclusion



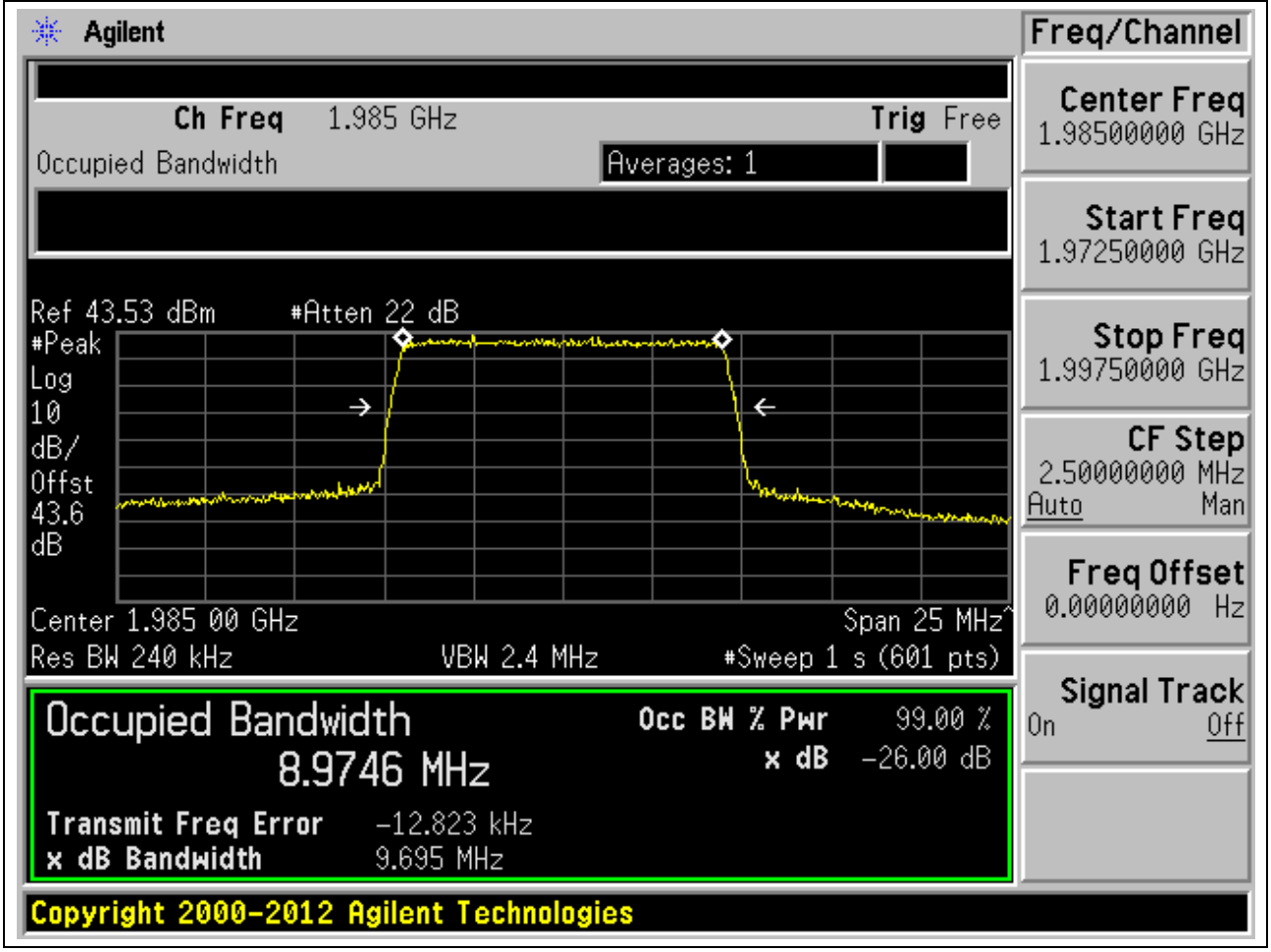
2.1.8 1L10M_TM1_M_Band2

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1960	99	Auto	RMS	8.972688	No Conclusion



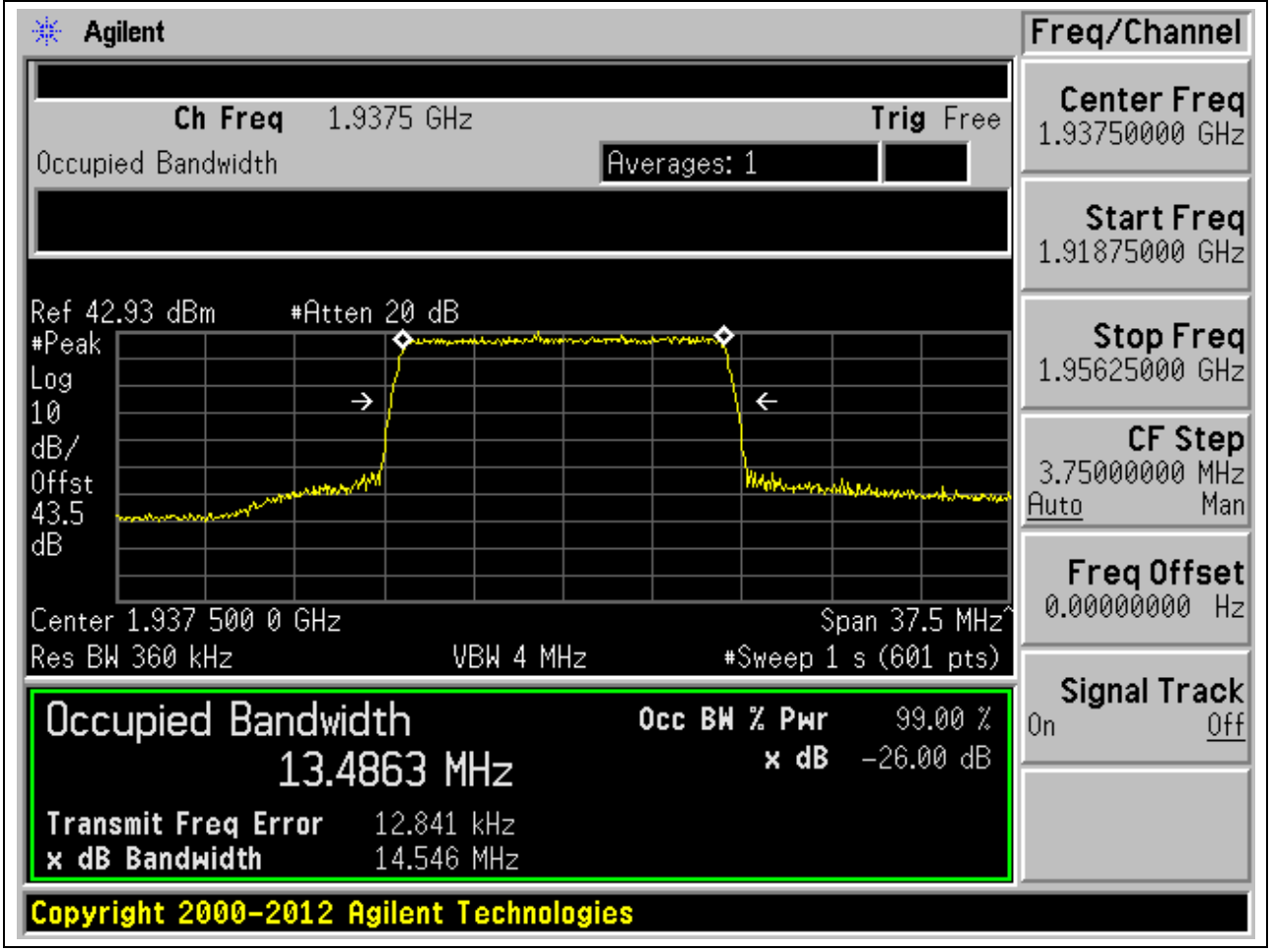
2.1.9 1L10M_TM1_T_Band2

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1985	99	Auto	RMS	8.974638	No Conclusion



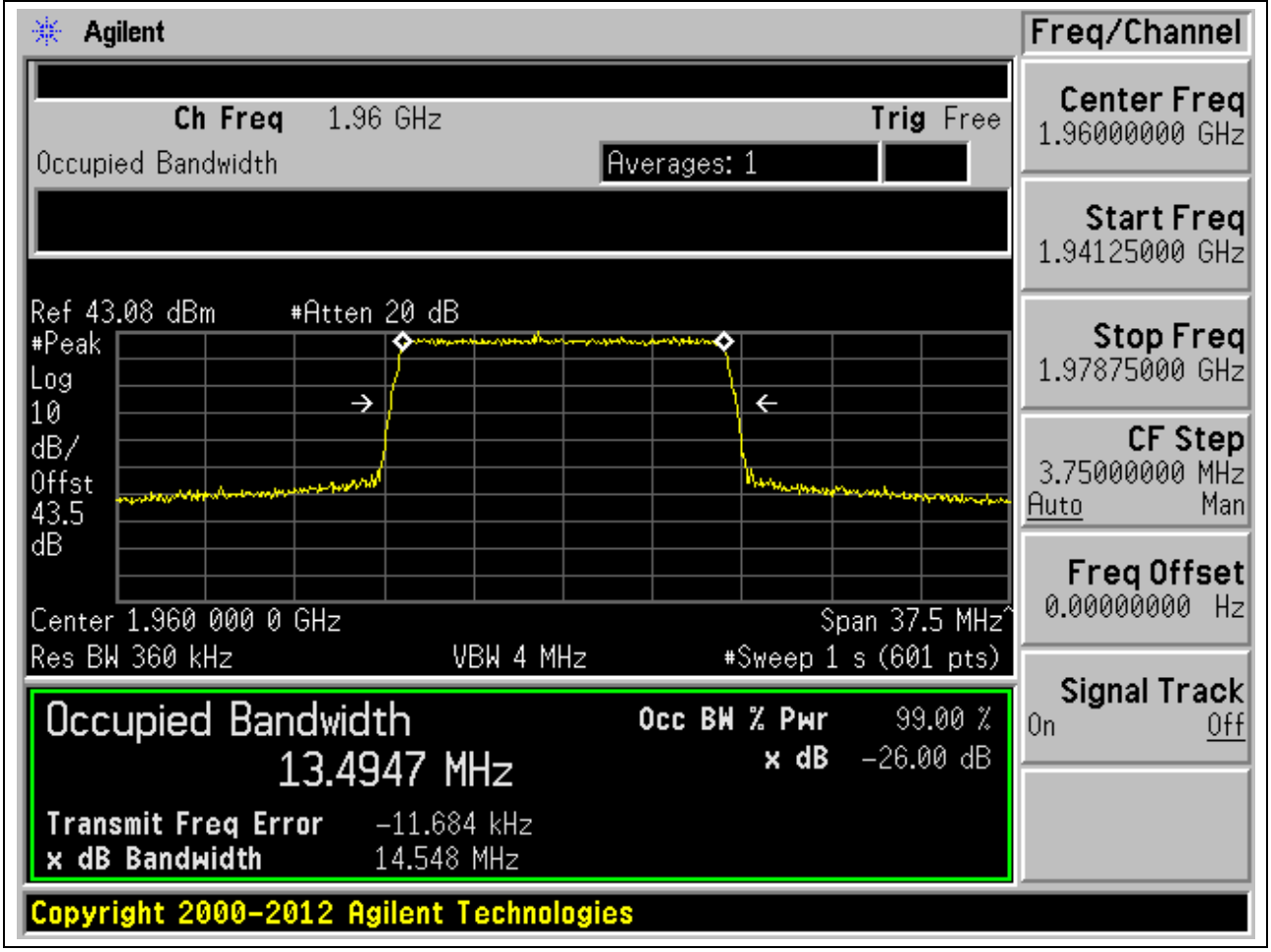
2.1.10 1L15M_TM1_B_Band2

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1937.5	99	Auto	RMS	13.48626	No Conclusion



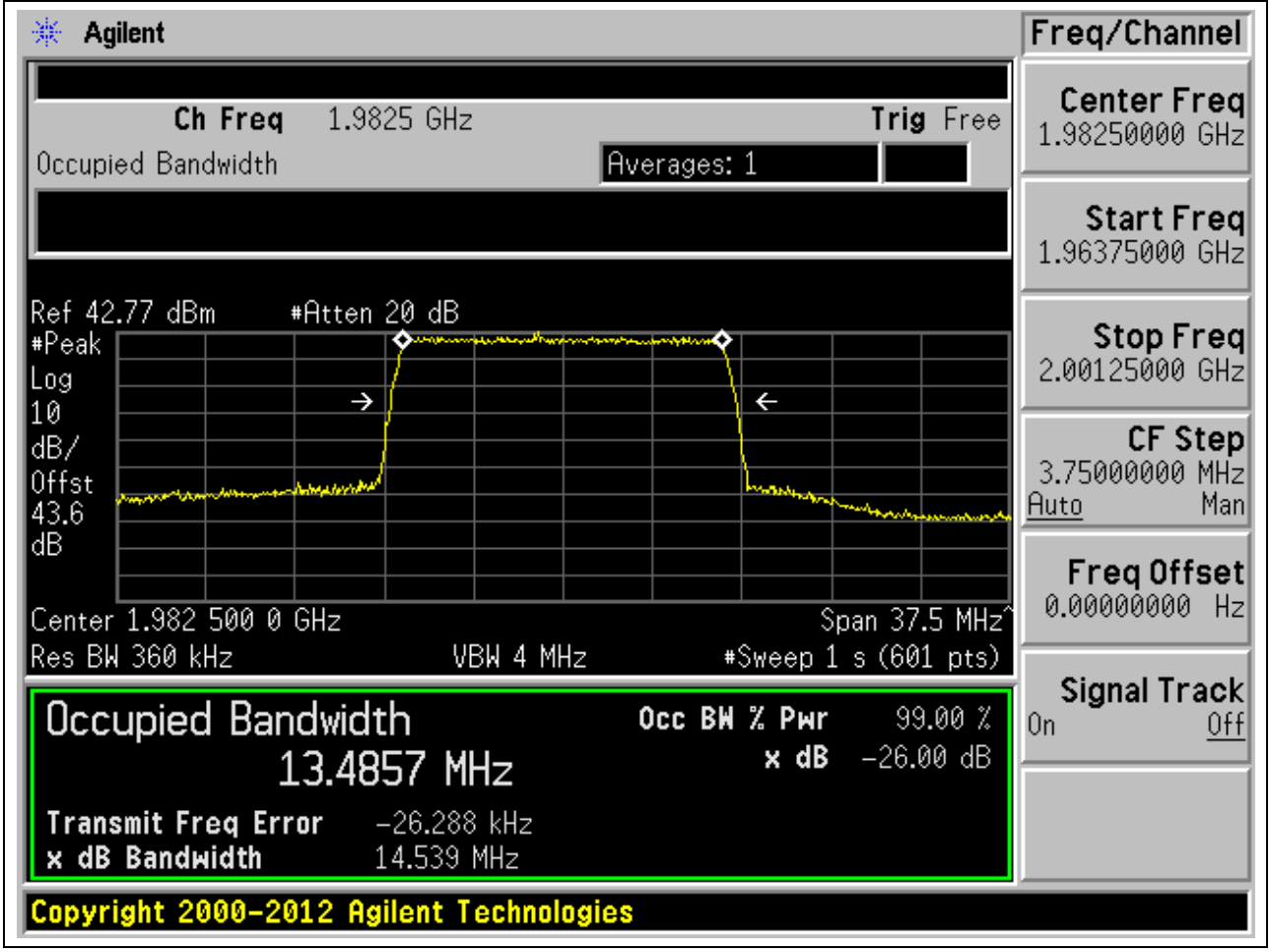
2.1.11 1L15M_TM1_M_Band2

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1960	99	Auto	RMS	13.49472	No Conclusion



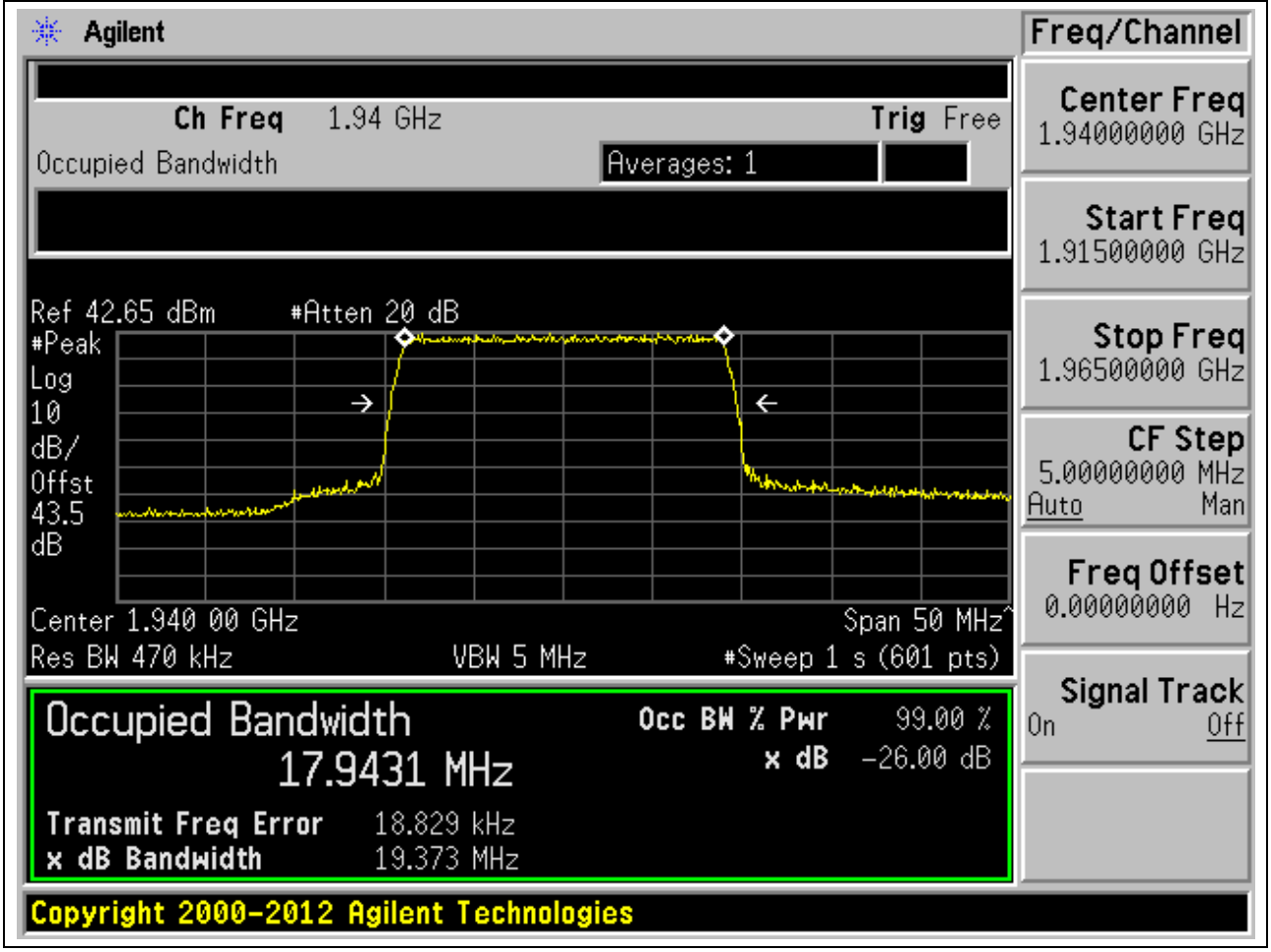
2.1.12 1L15M_TM1_T_Band2

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1982.5	99	Auto	RMS	13.48574	No Conclusion



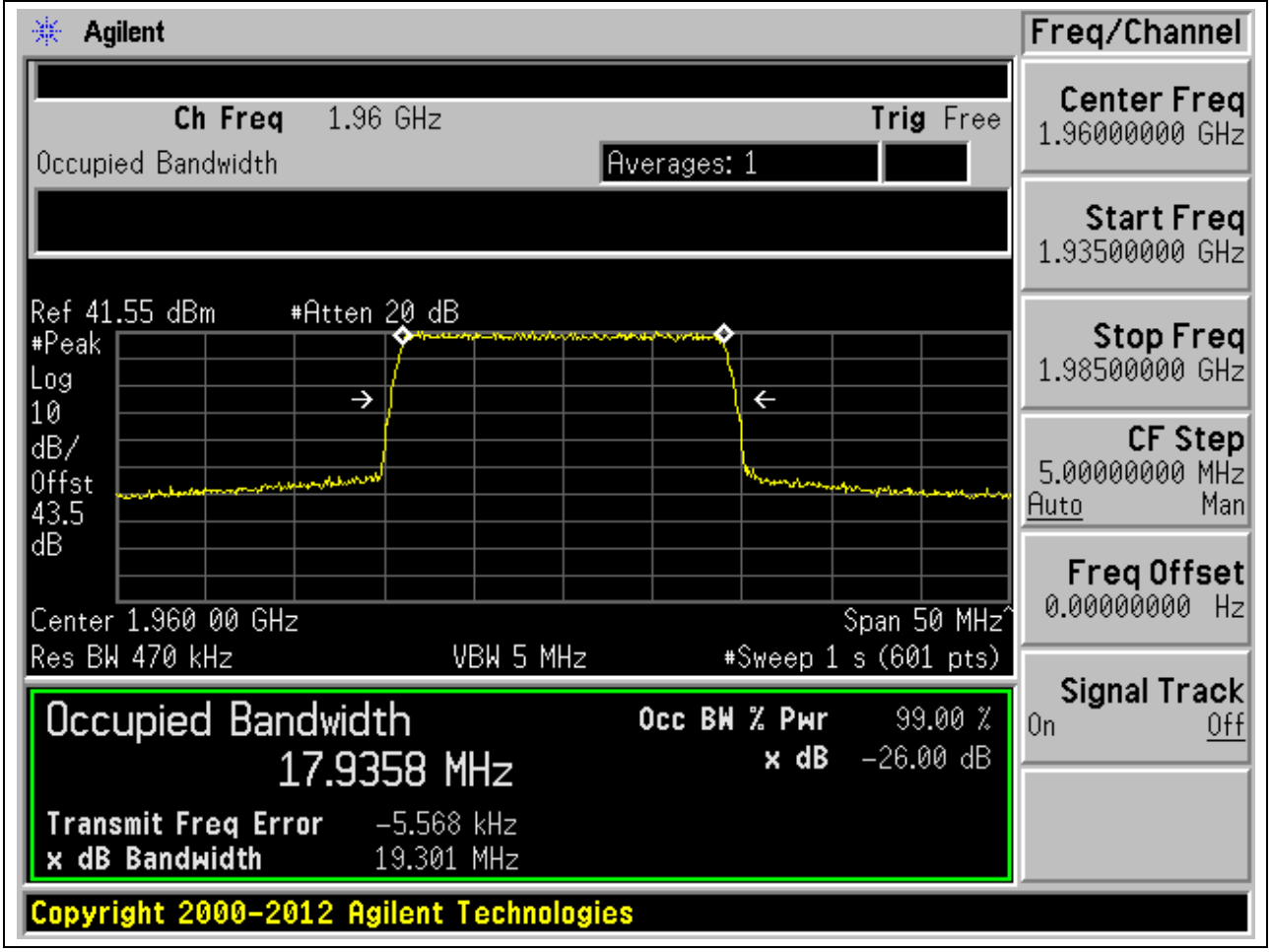
2.1.13 1L20M_TM1_B_Band2

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1940	99	Auto	RMS	17.94311	No Conclusion



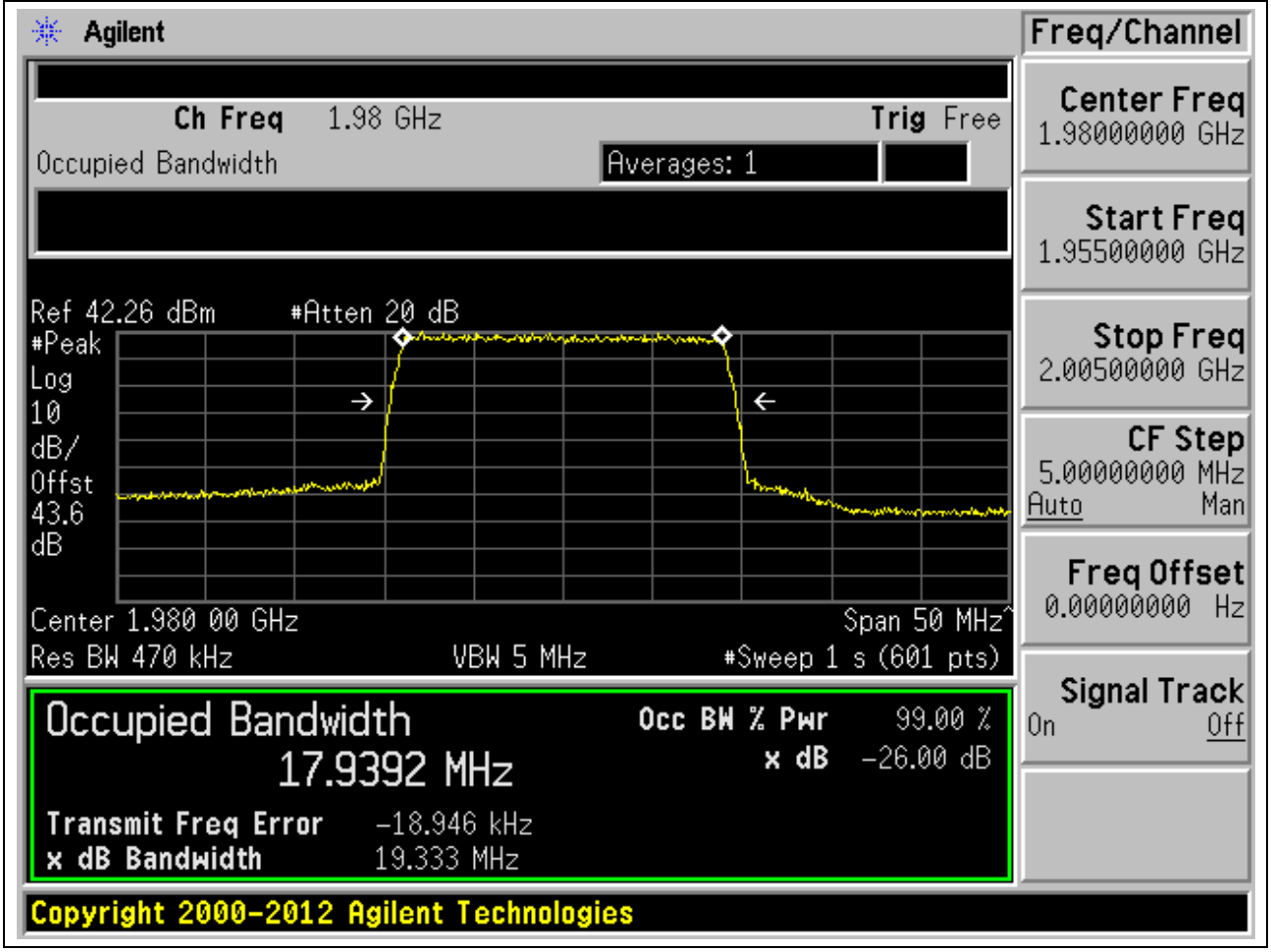
2.1.14 1L20M_TM1_M_Band2

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1960	99	Auto	RMS	17.93579	No Conclusion



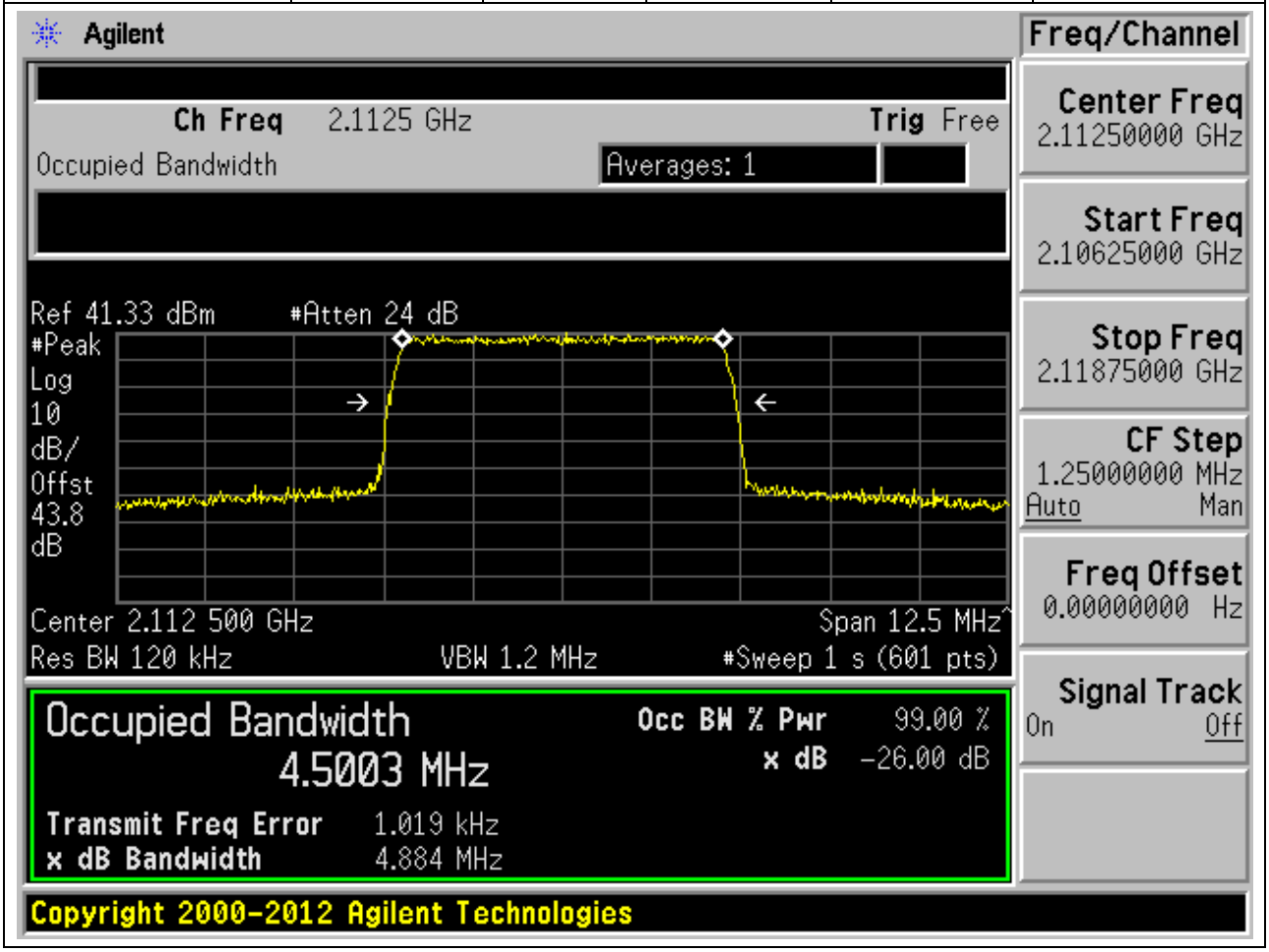
2.1.15 1L20M_TM1_T_Band2

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1980	99	Auto	RMS	17.9392	No Conclusion



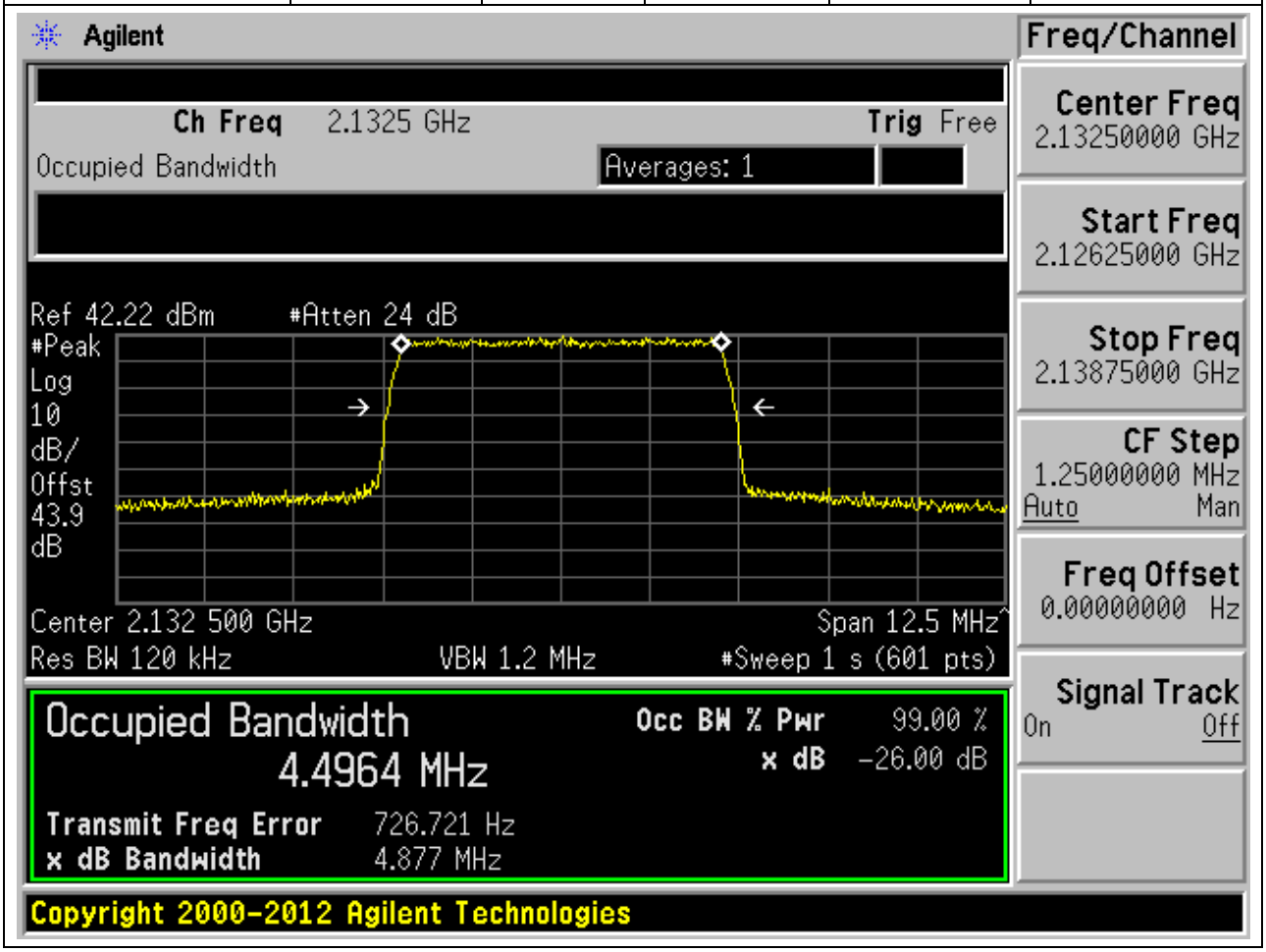
2.1.16 1L5M_TM1_B_Band4

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2112.5	99	Auto	RMS	4.500275	No Conclusion



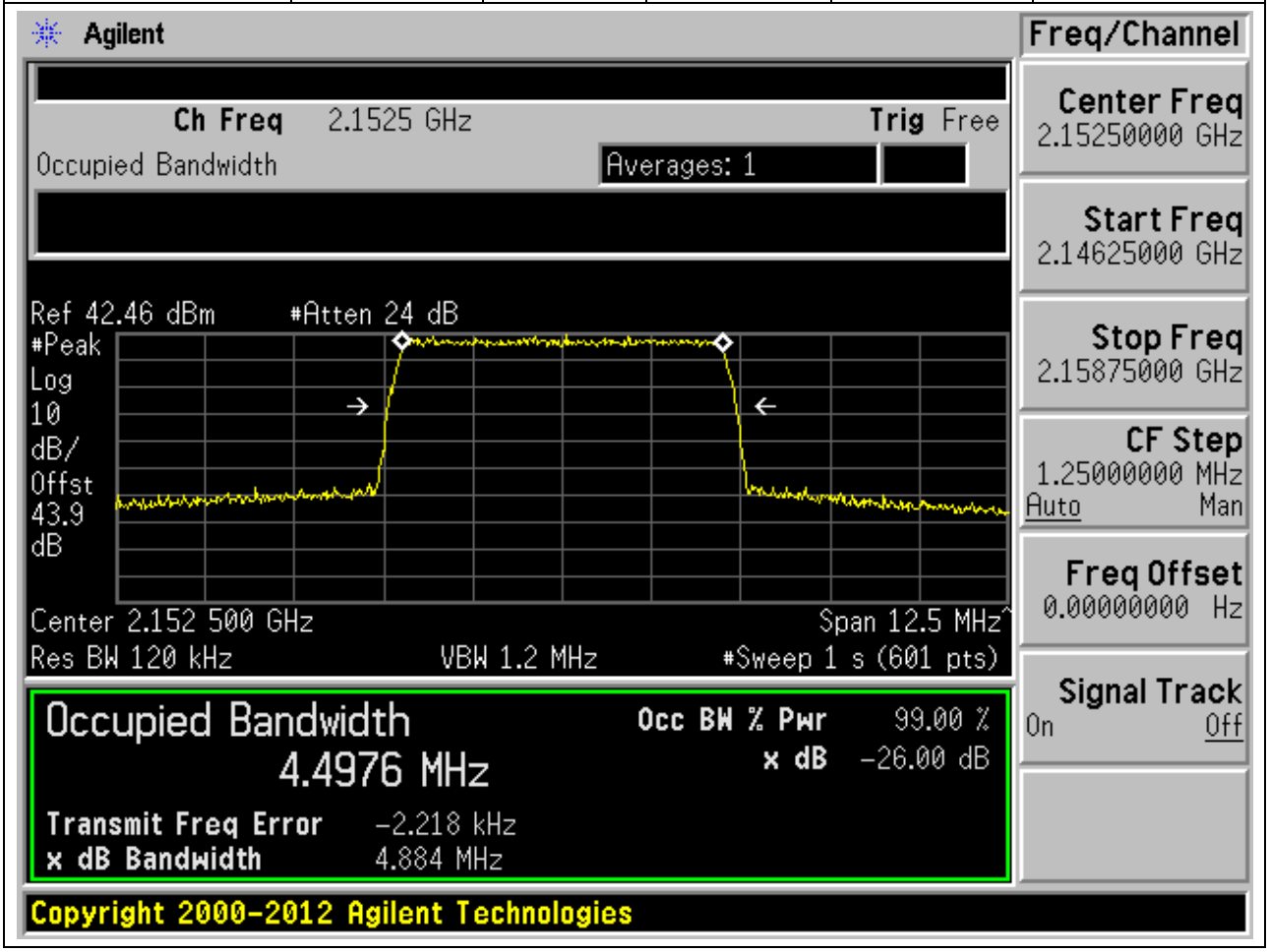
2.1.17 1L5M_TM1_M_Band4

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2132.5	99	Auto	RMS	4.496431	No Conclusion



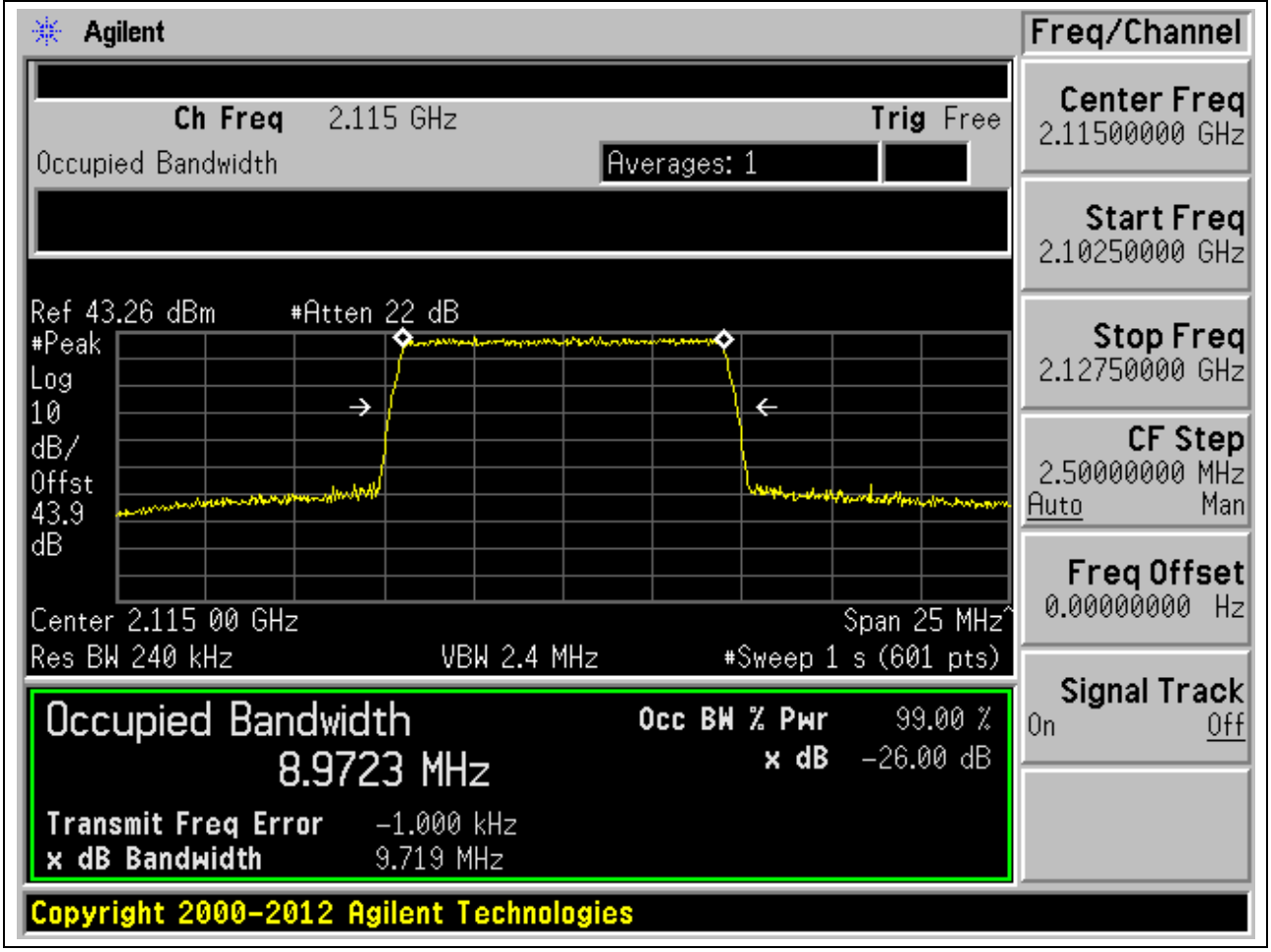
2.1.18 1L5M_TM1_T_Band4

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2152.5	99	Auto	RMS	4.497591	No Conclusion



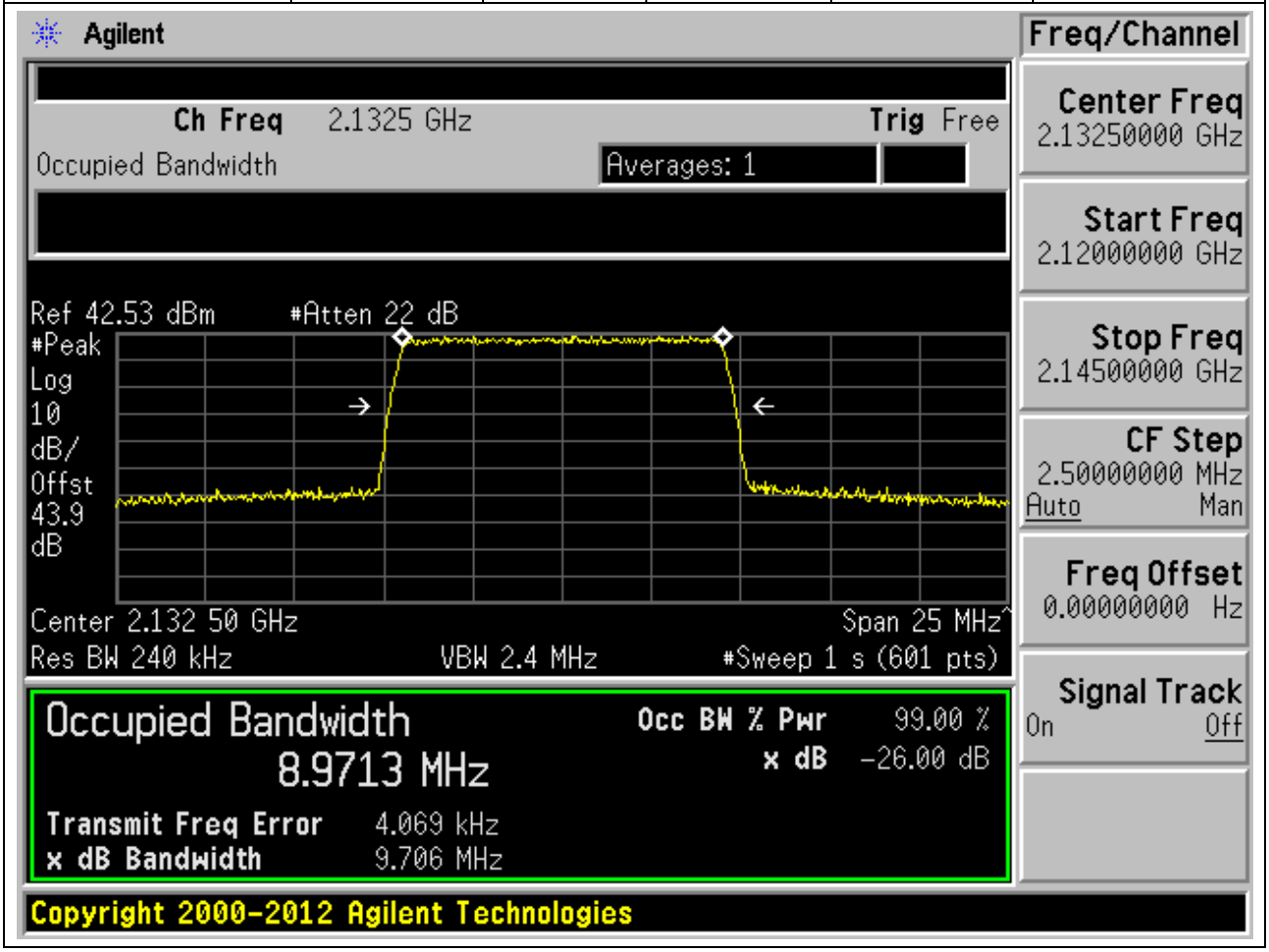
2.1.19 1L10M_TM1_B_Band4

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2115	99	Auto	RMS	8.97225	No Conclusion



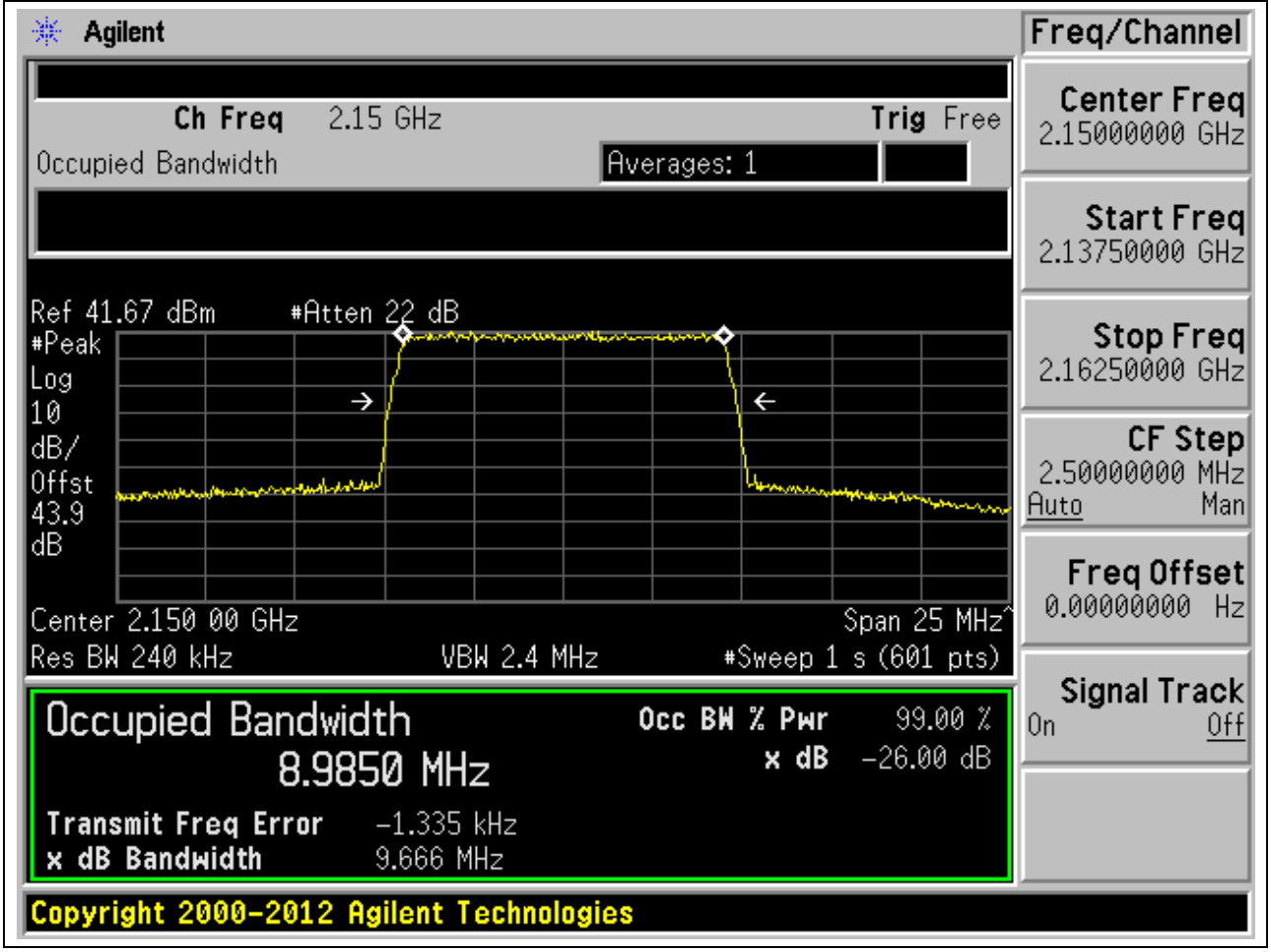
2.1.20 1L10M_TM1_M_Band4

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2132.5	99	Auto	RMS	8.971329	No Conclusion



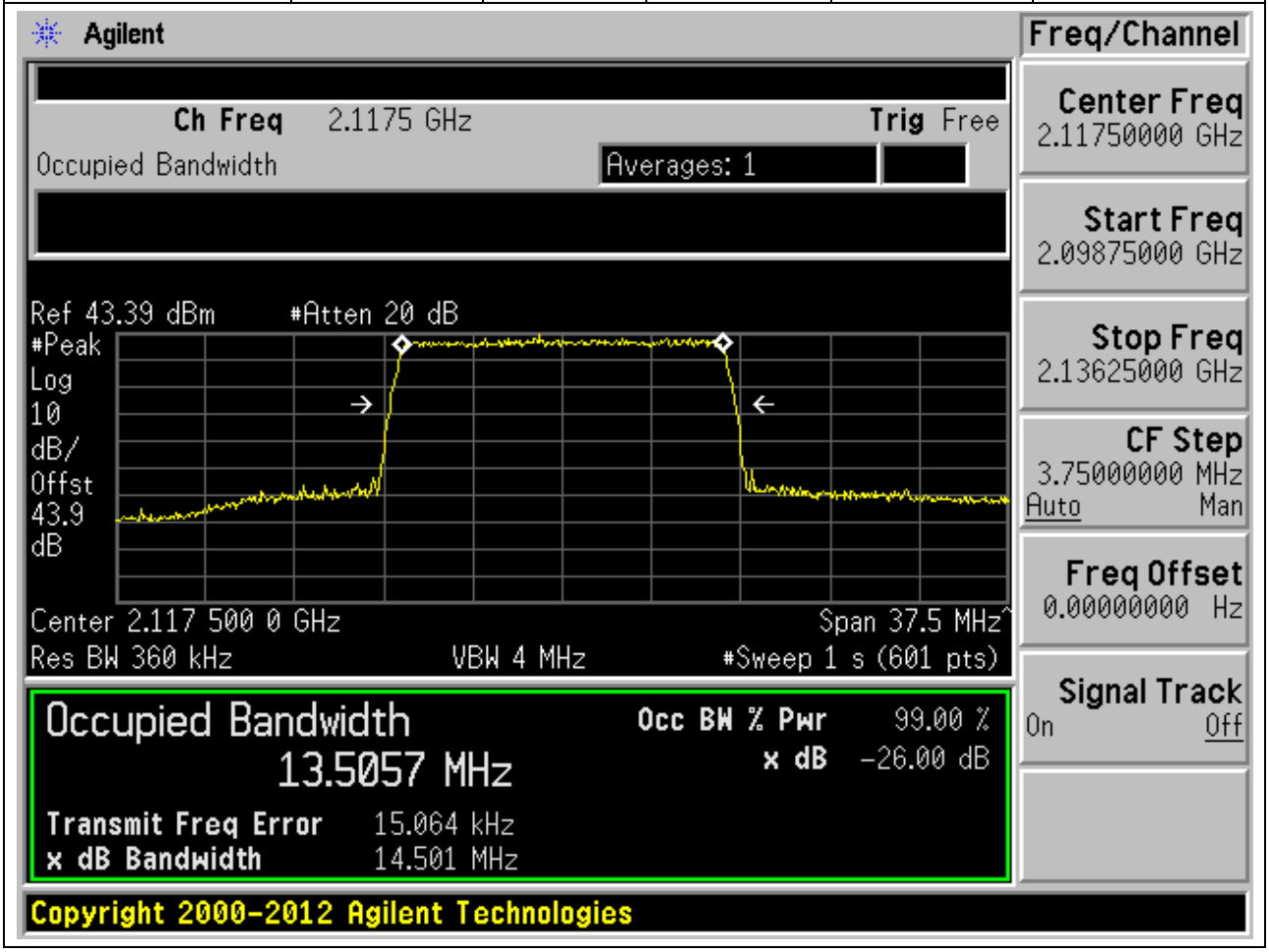
2.1.21 1L10M_TM1_T_Band4

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2150	99	Auto	RMS	8.985027	No Conclusion



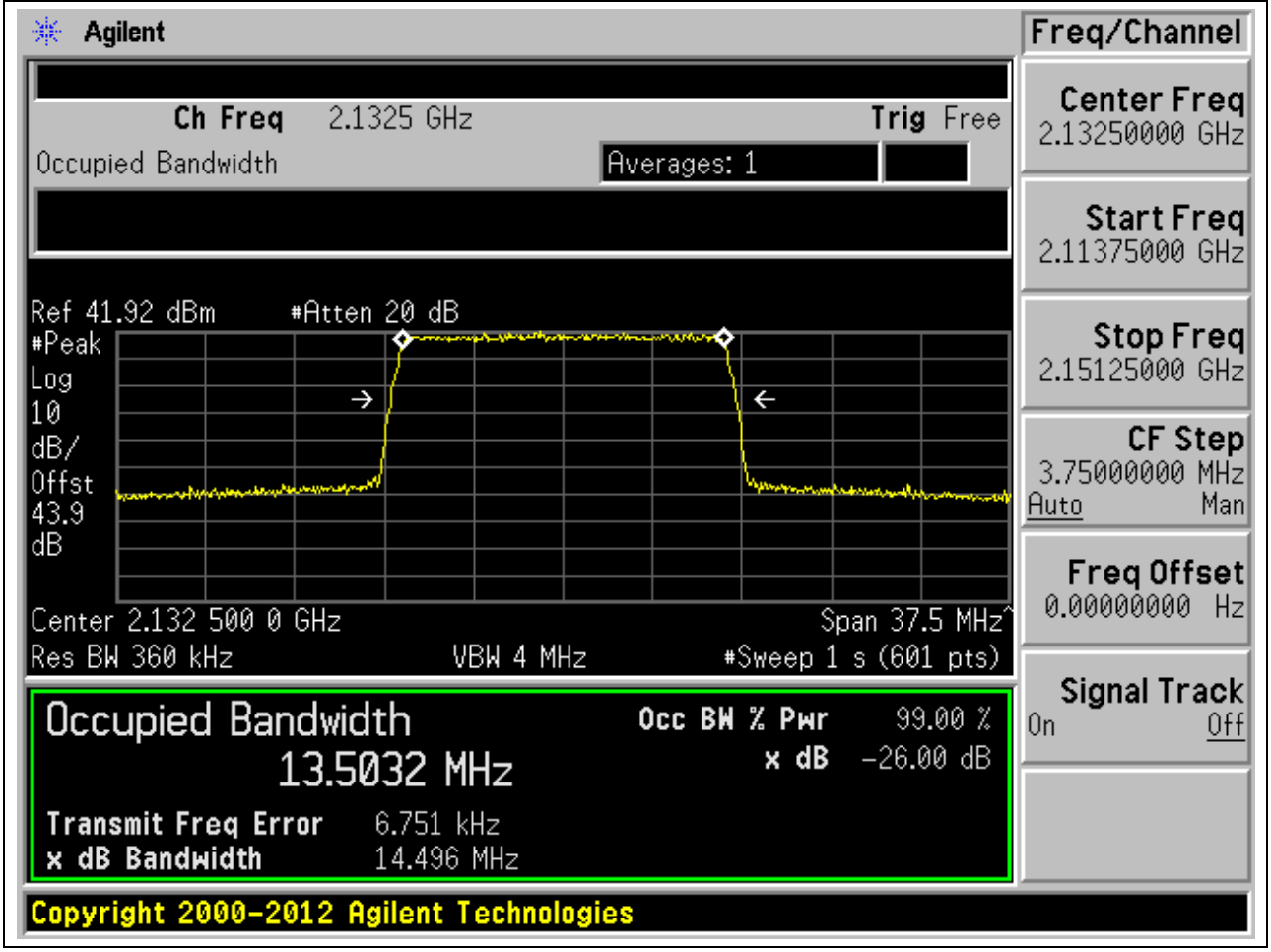
2.1.22 1L15M_TM1_B_Band4

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2117.5	99	Auto	RMS	13.50568	No Conclusion



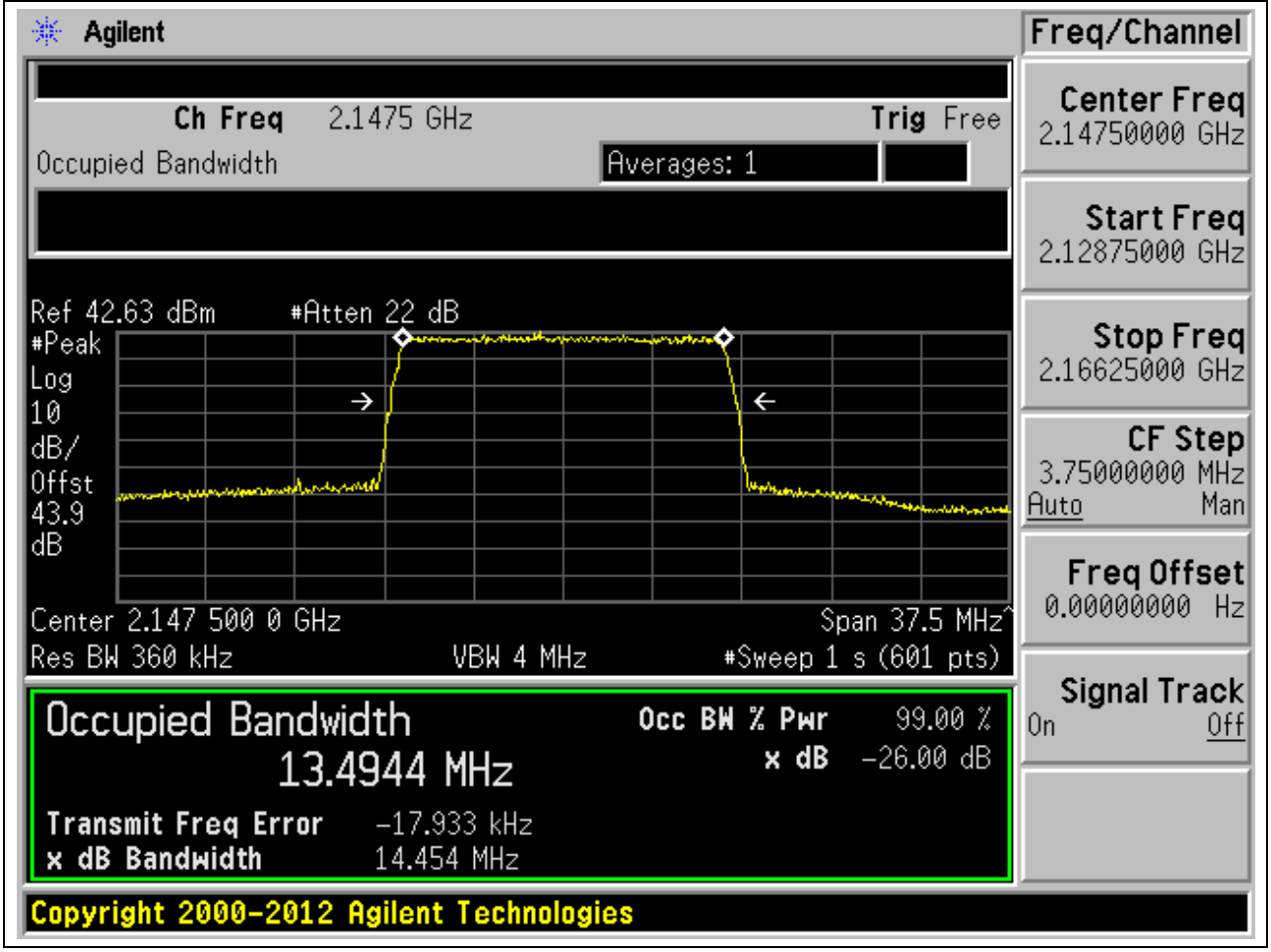
2.1.23 1L15M_TM1_M_Band4

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2132.5	99	Auto	RMS	13.50318	No Conclusion



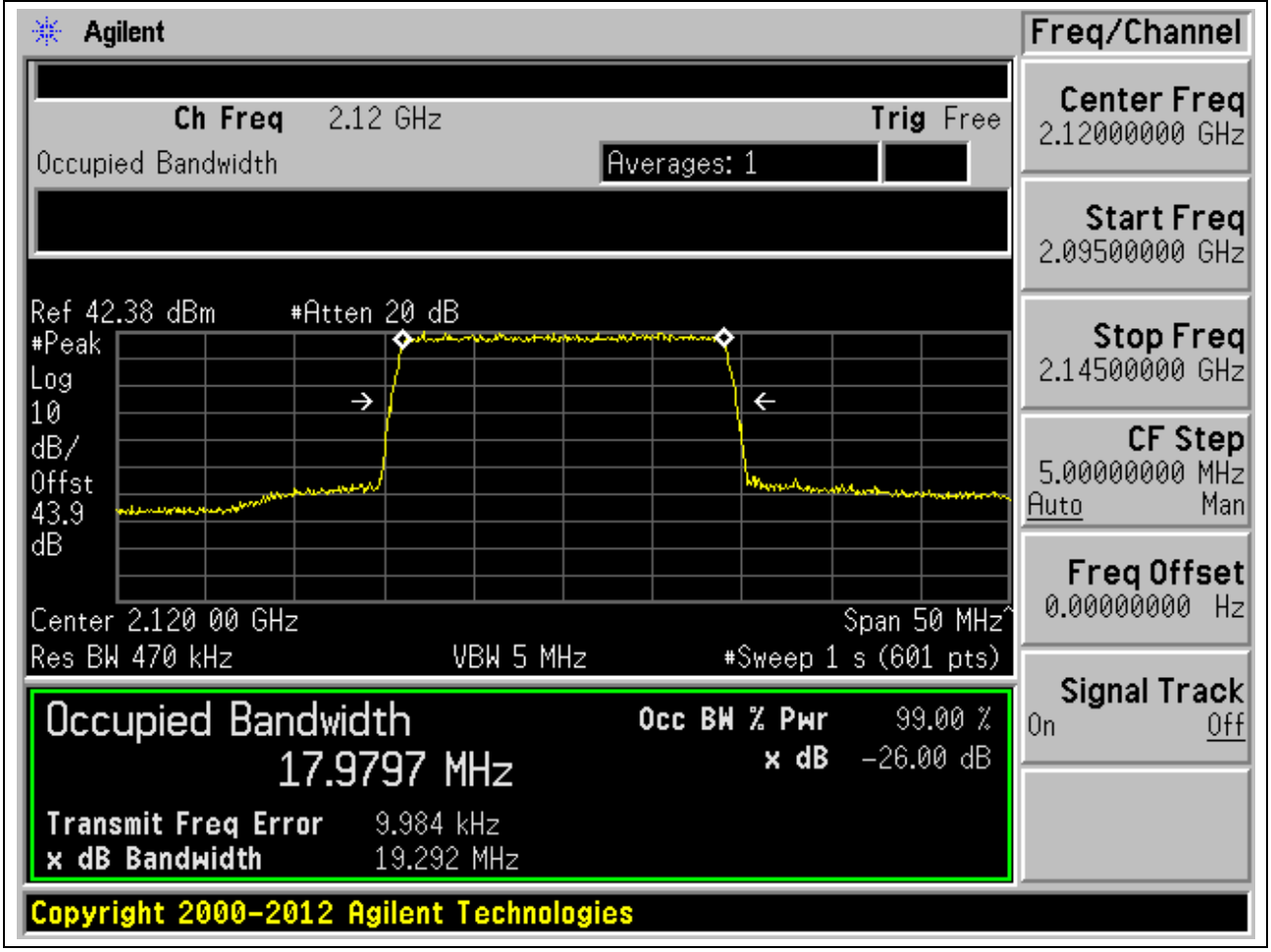
2.1.24 1L15M_TM1_T_Band4

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2147.5	99	Auto	RMS	13.49435	No Conclusion



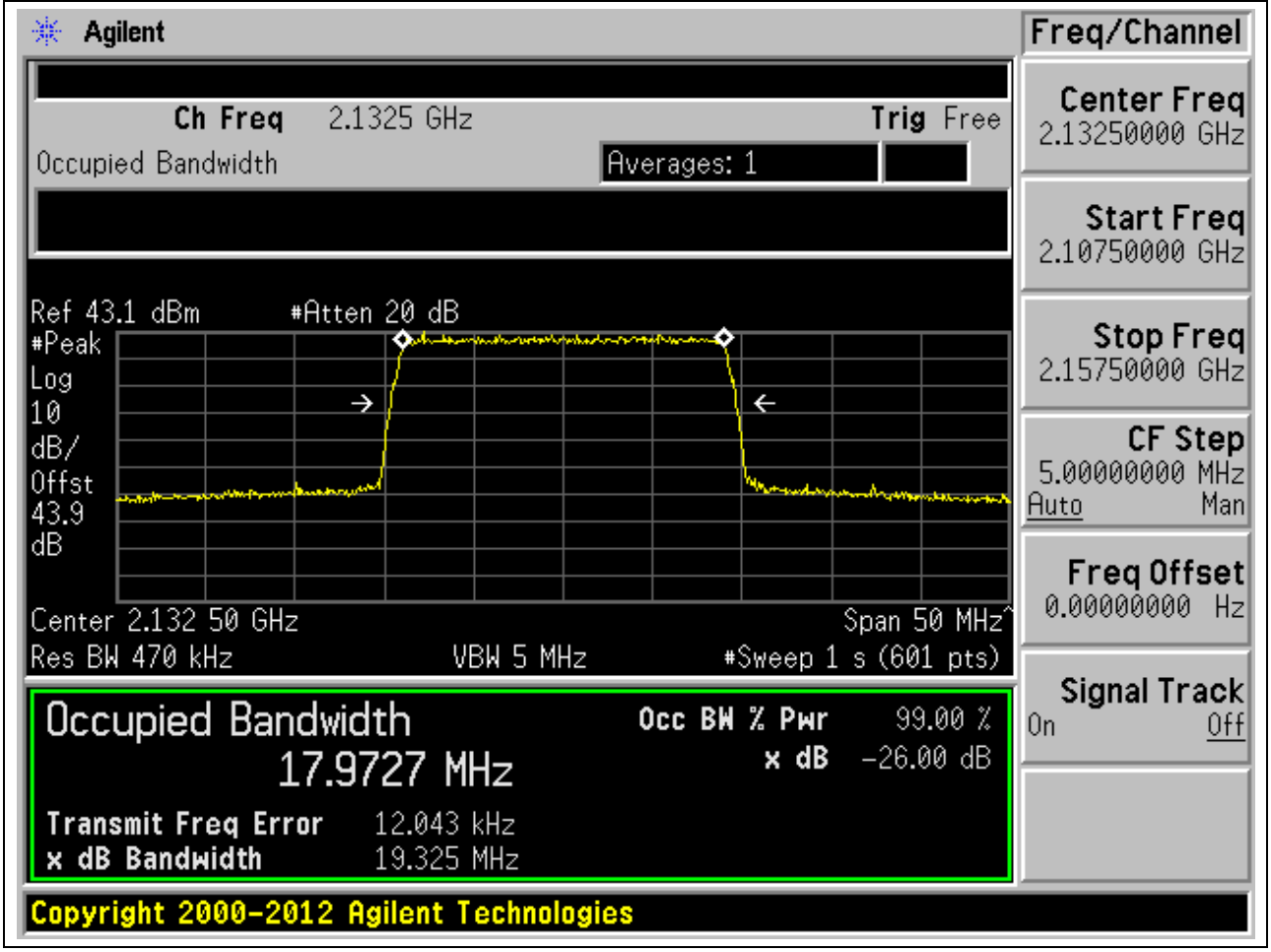
2.1.25 1L20M_TM1_B_Band4

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2120	99	Auto	RMS	17.97966	No Conclusion



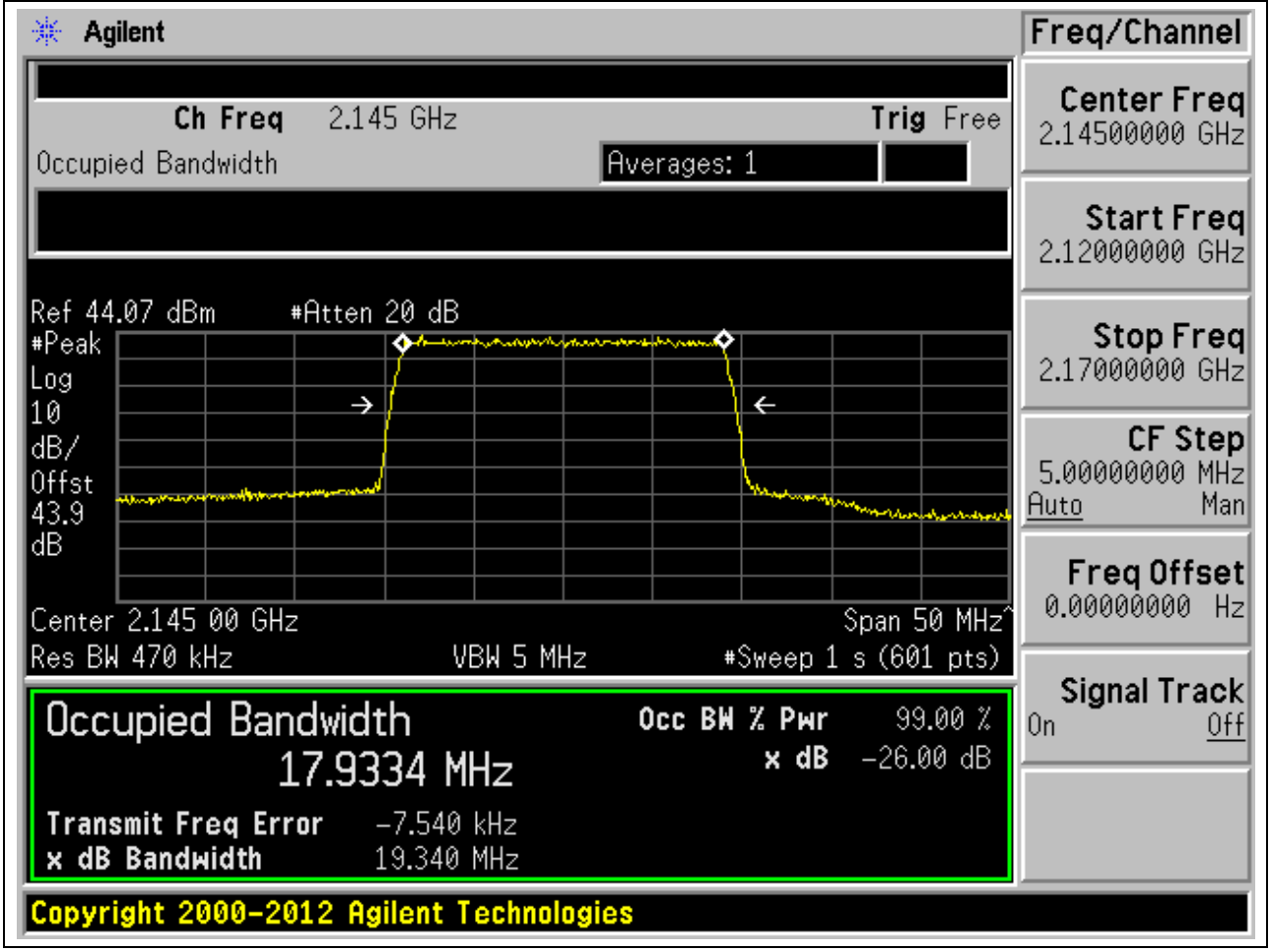
2.1.26 1L20M_TM1_M_Band4

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2132.5	99	Auto	RMS	17.97267	No Conclusion



2.1.27 1L20M_TM1_T_Band4

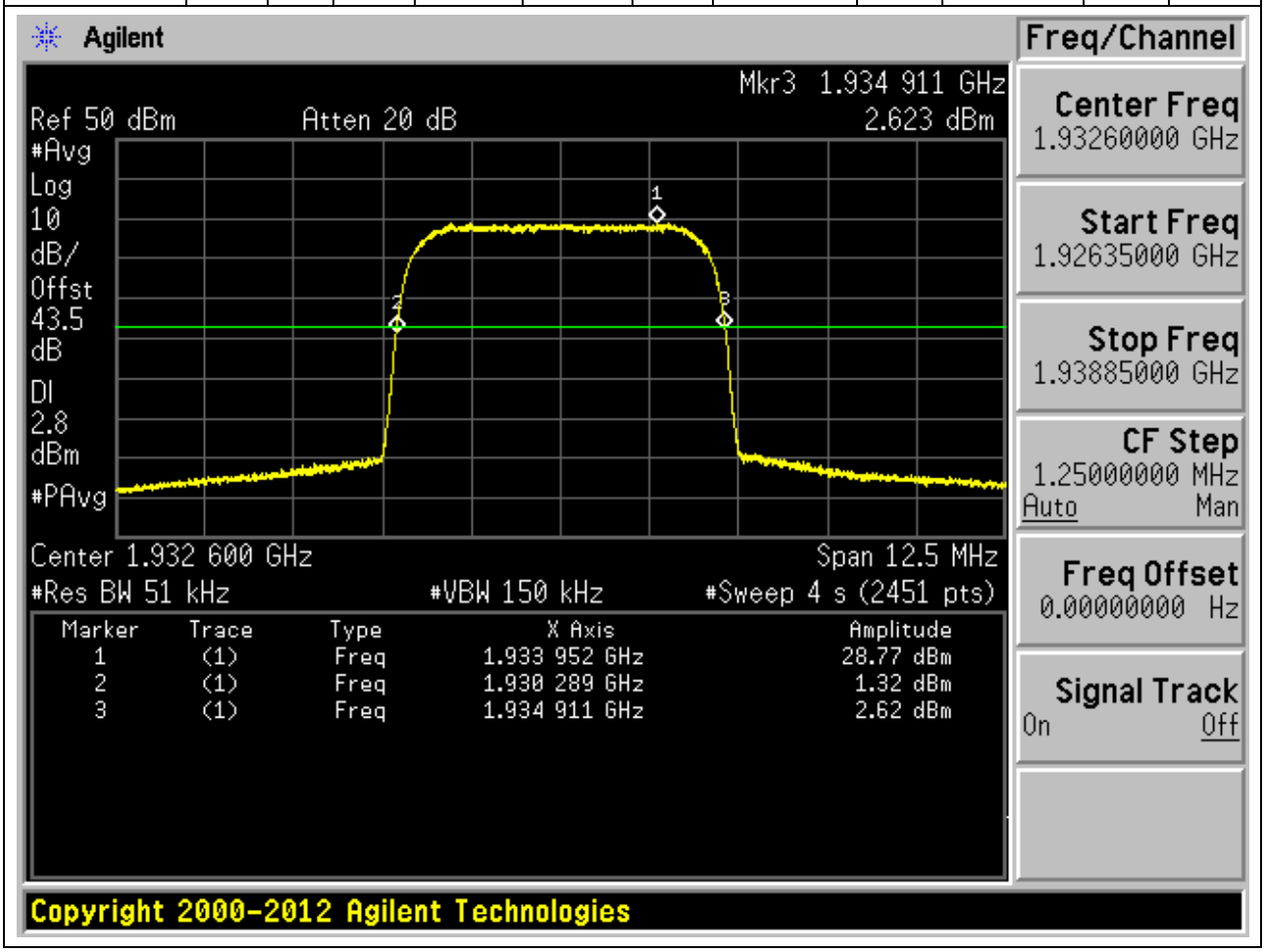
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
2145	99	Auto	RMS	17.93345	No Conclusion



2.2 Emission Bandwidth

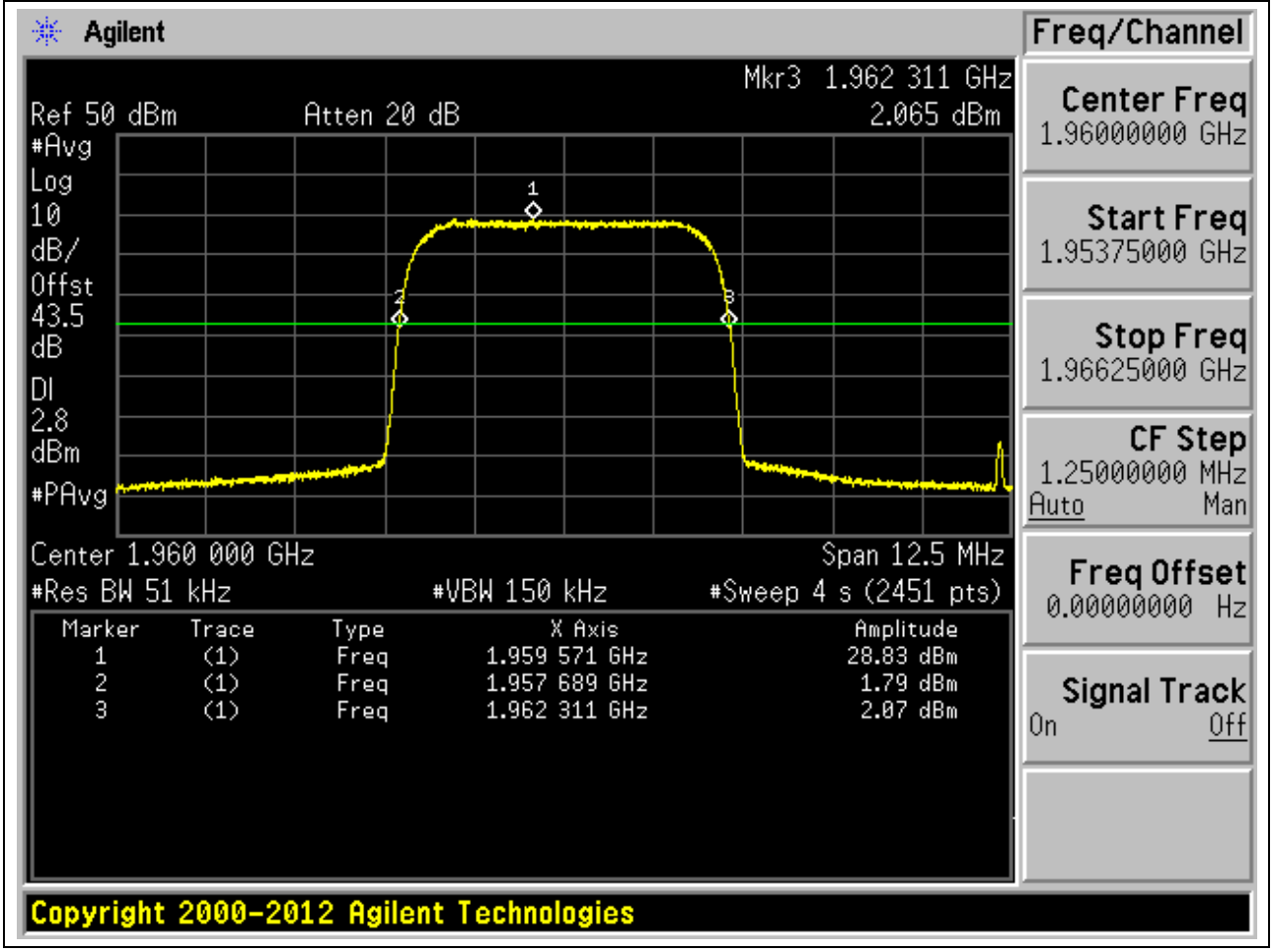
2.2.1 1U_TM1_B_Band2

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
1932.6	12.5	26	0.051	RMS	4.622464	5	1930.288768	1930	1934.911232	1990	Pass



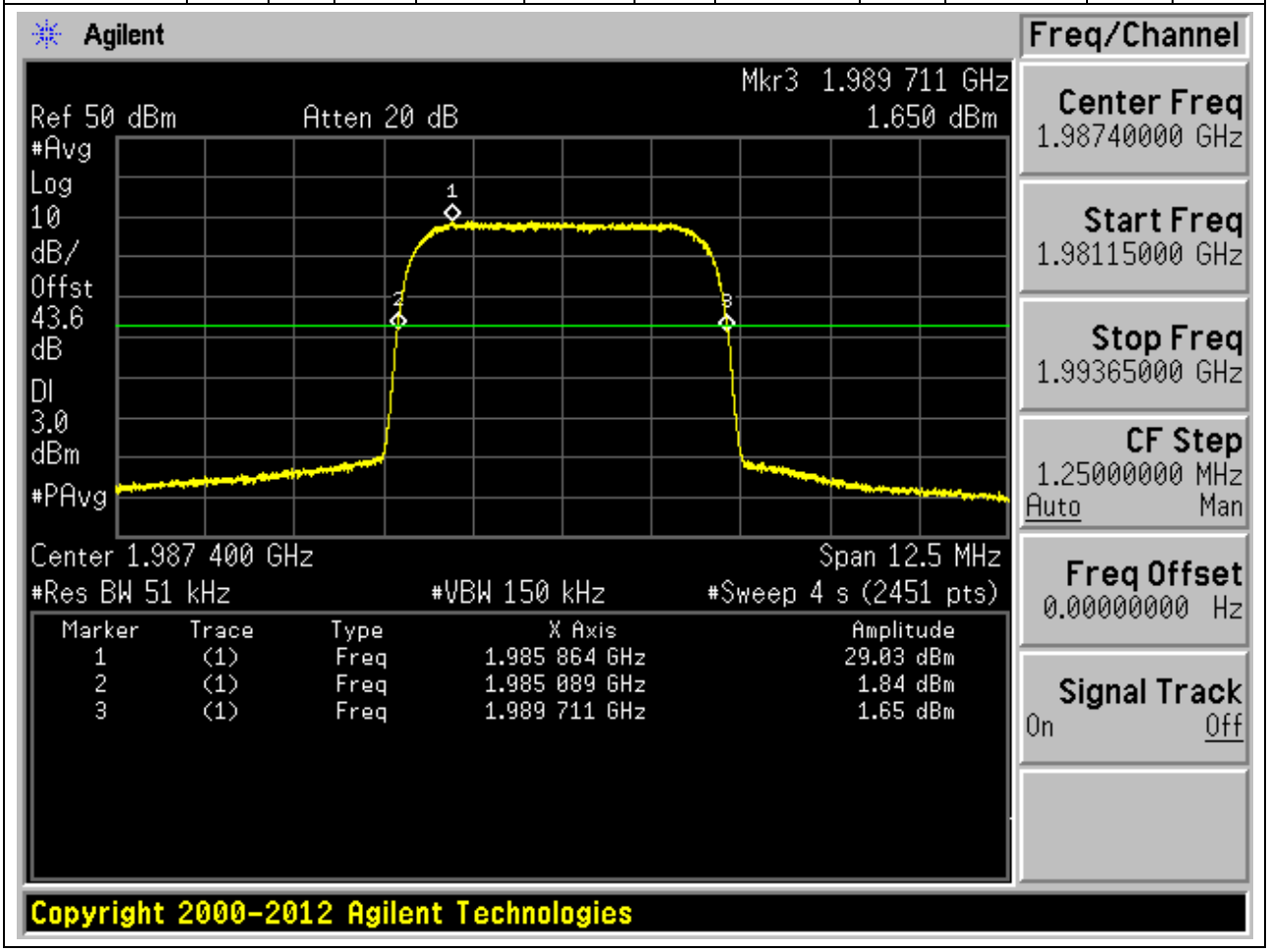
2.2.2 1U_TM1_M_Band2

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	0.051	RMS	4.622336	5	1957.688832	1930	1962.311168	1990	Pass



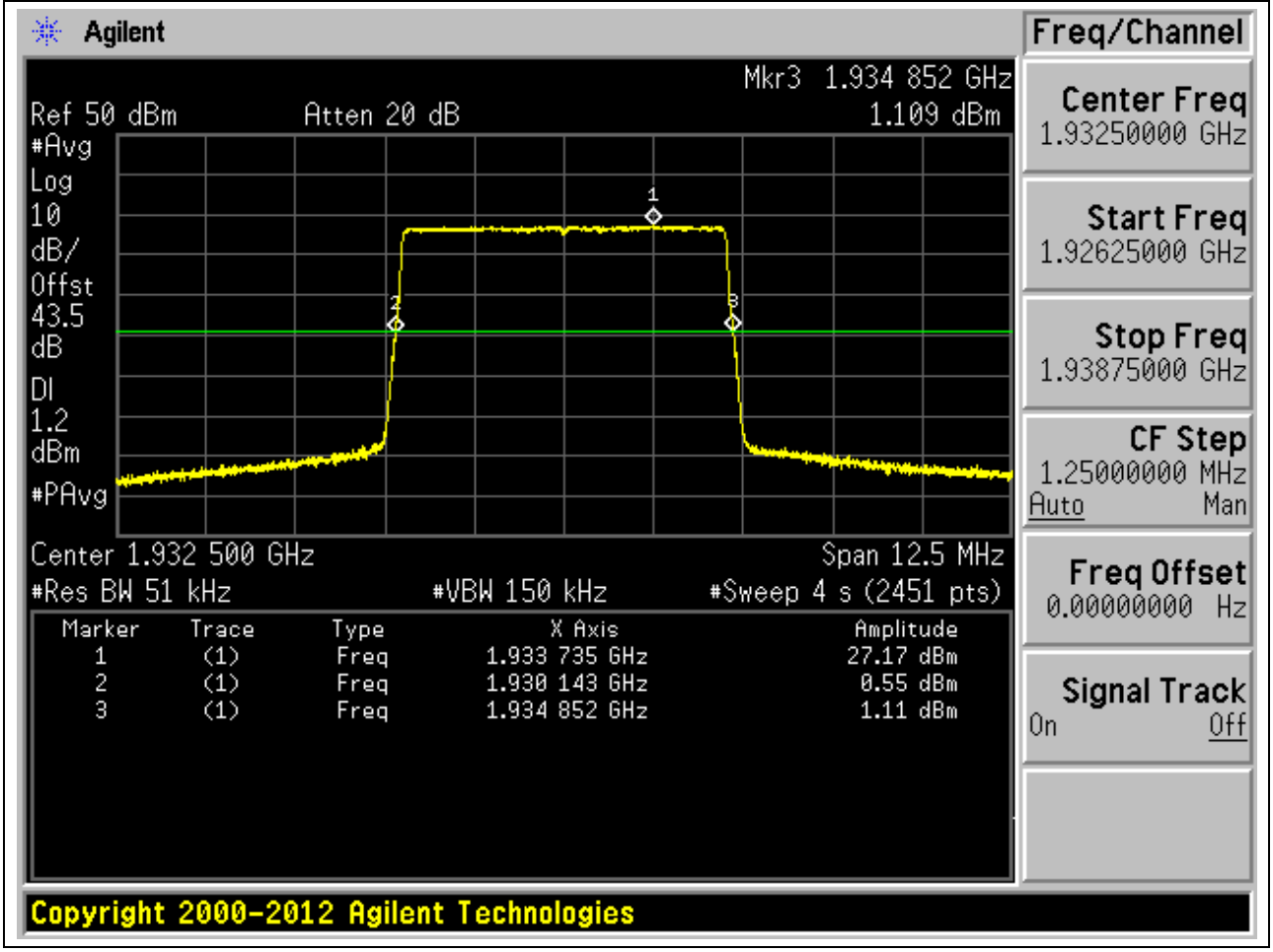
2.2.3 1U_TM1_T_Band2

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
1987.4	12.5	26	0.051	RMS	4.622464	5	1985.088768	1930	1989.711232	1990	Pass



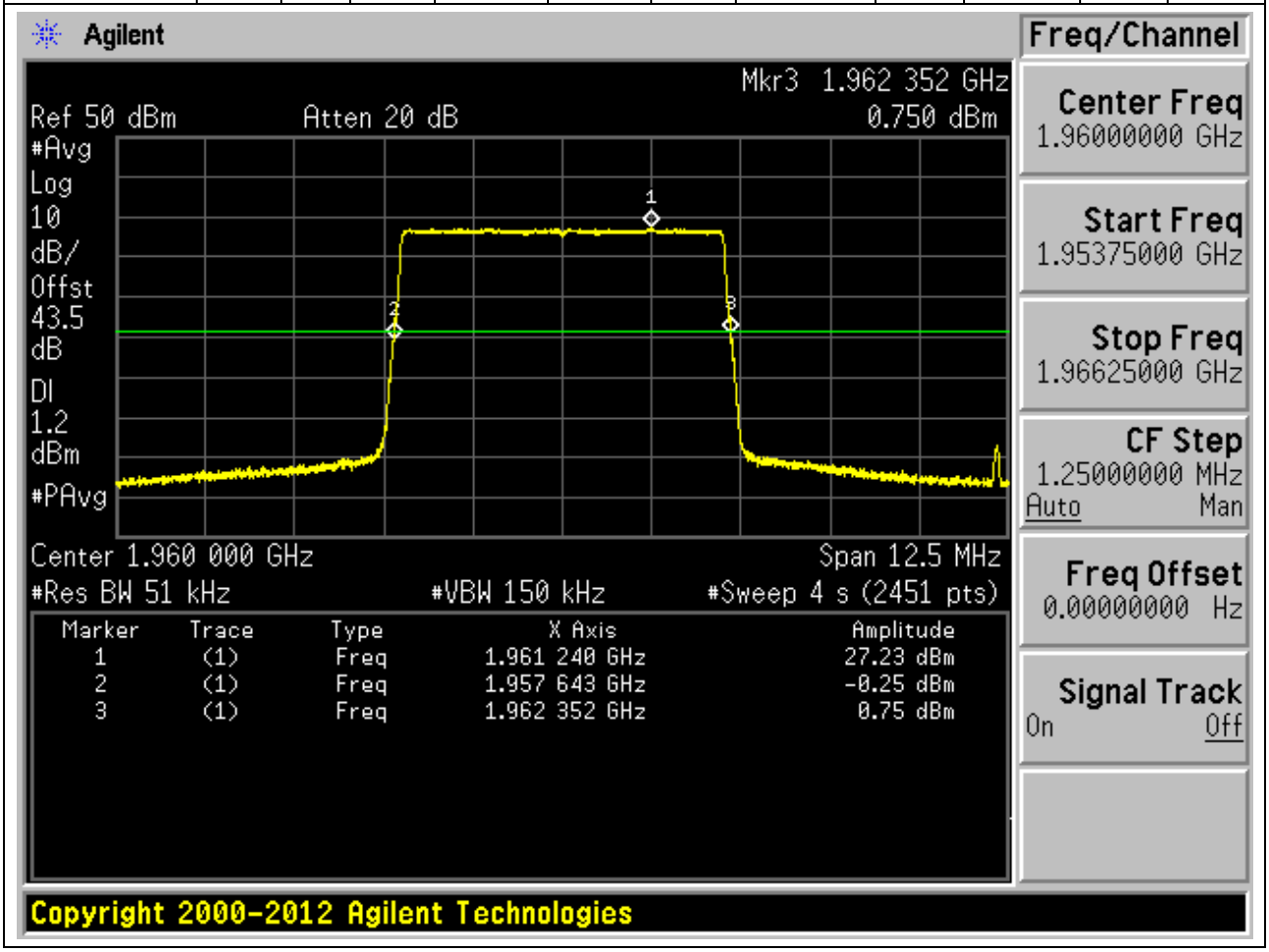
2.2.4 1L5M_TM1_B_Band2

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
1932.5	12.5	26	0.051	RMS	4.709248	5	1930.142848	1930	1934.852096	1990	Pass



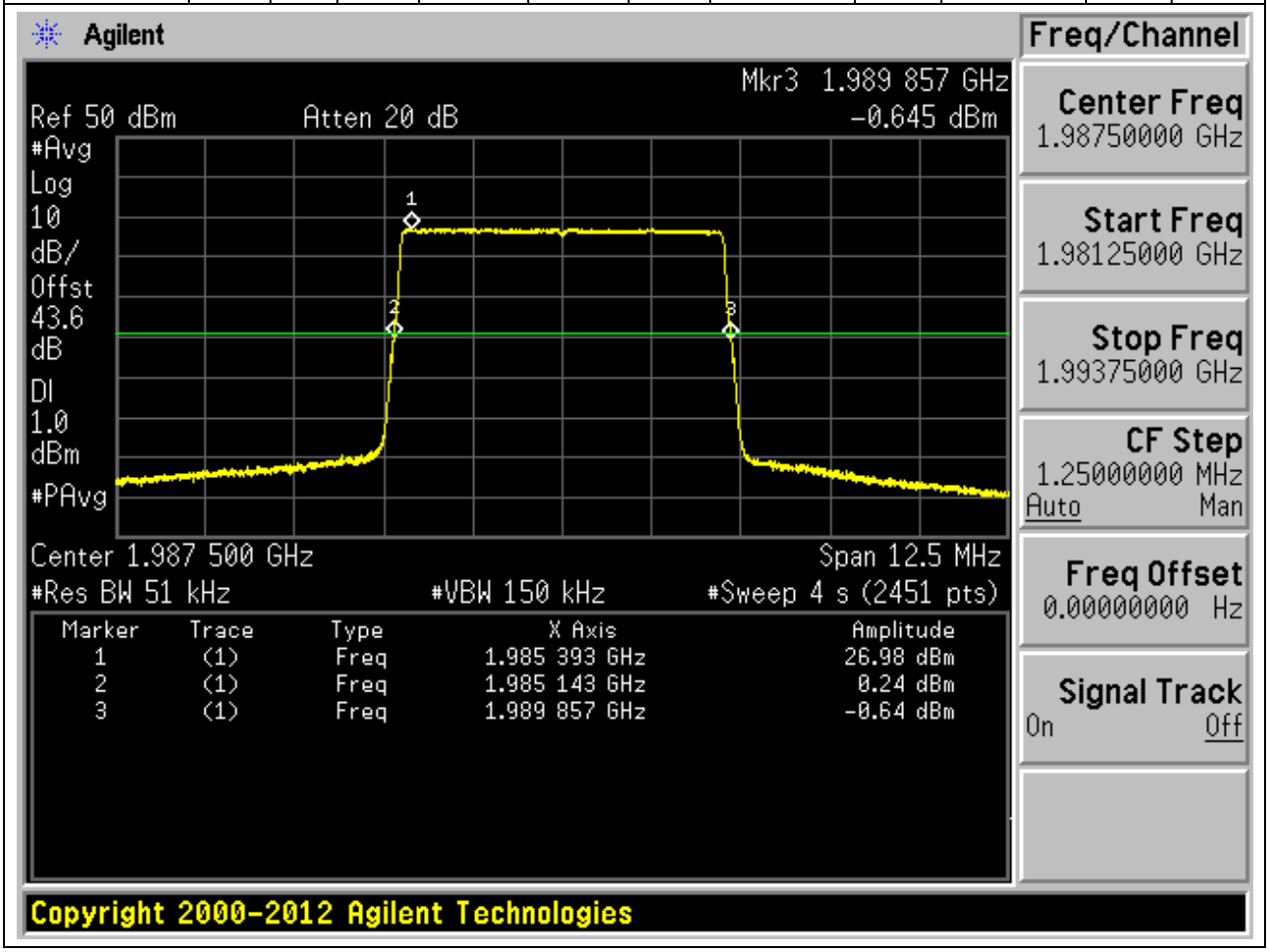
2.2.5 1L5M_TM1_M_Band2

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	0.051	RMS	4.70912	5	1957.64288	1930	1962.352	1990	Pass



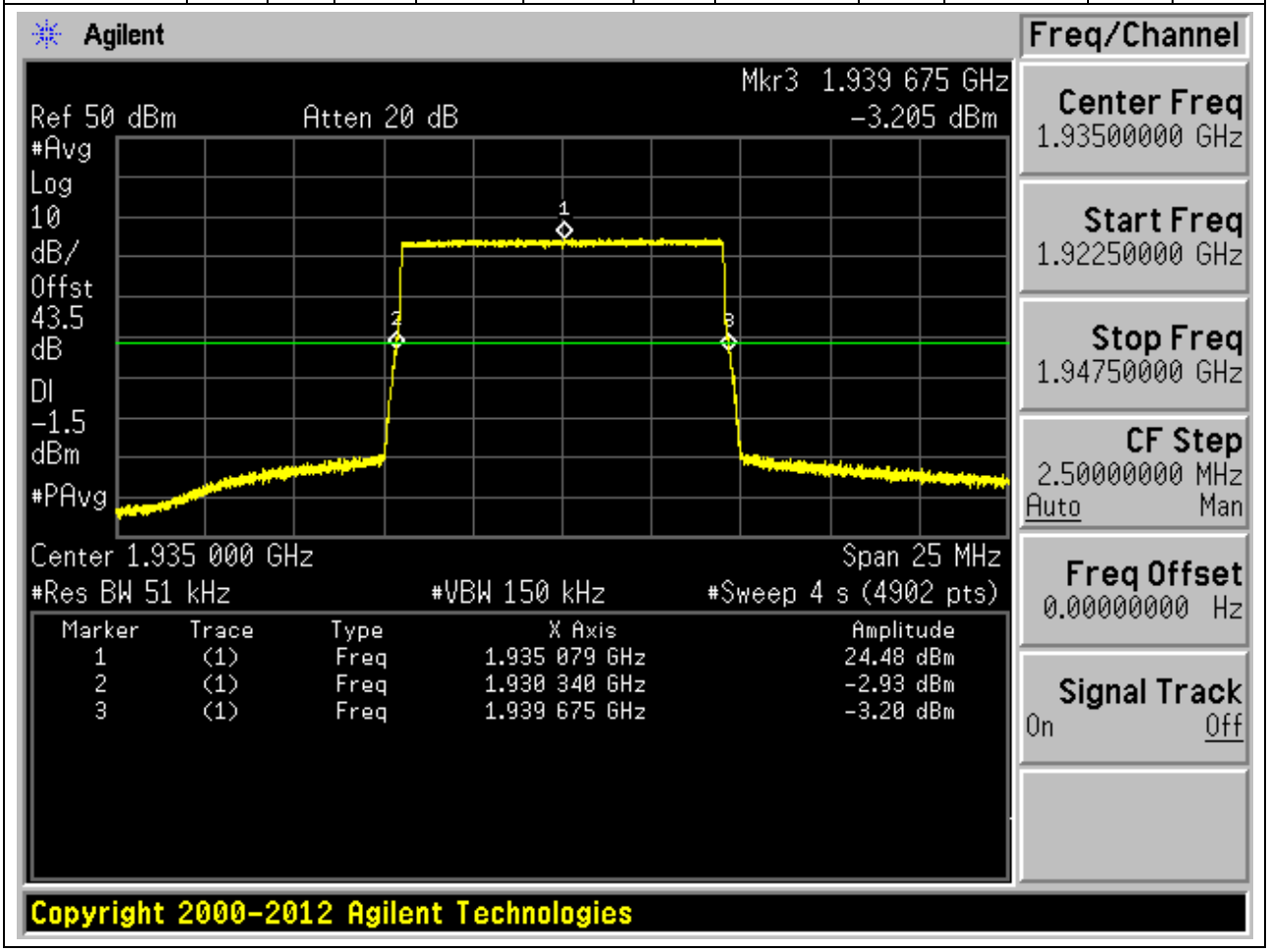
2.2.6 1L5M_TM1_T_Band2

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
1987.5	12.5	26	0.051	RMS	4.71424	5	1985.142912	1930	1989.857152	1990	Pass



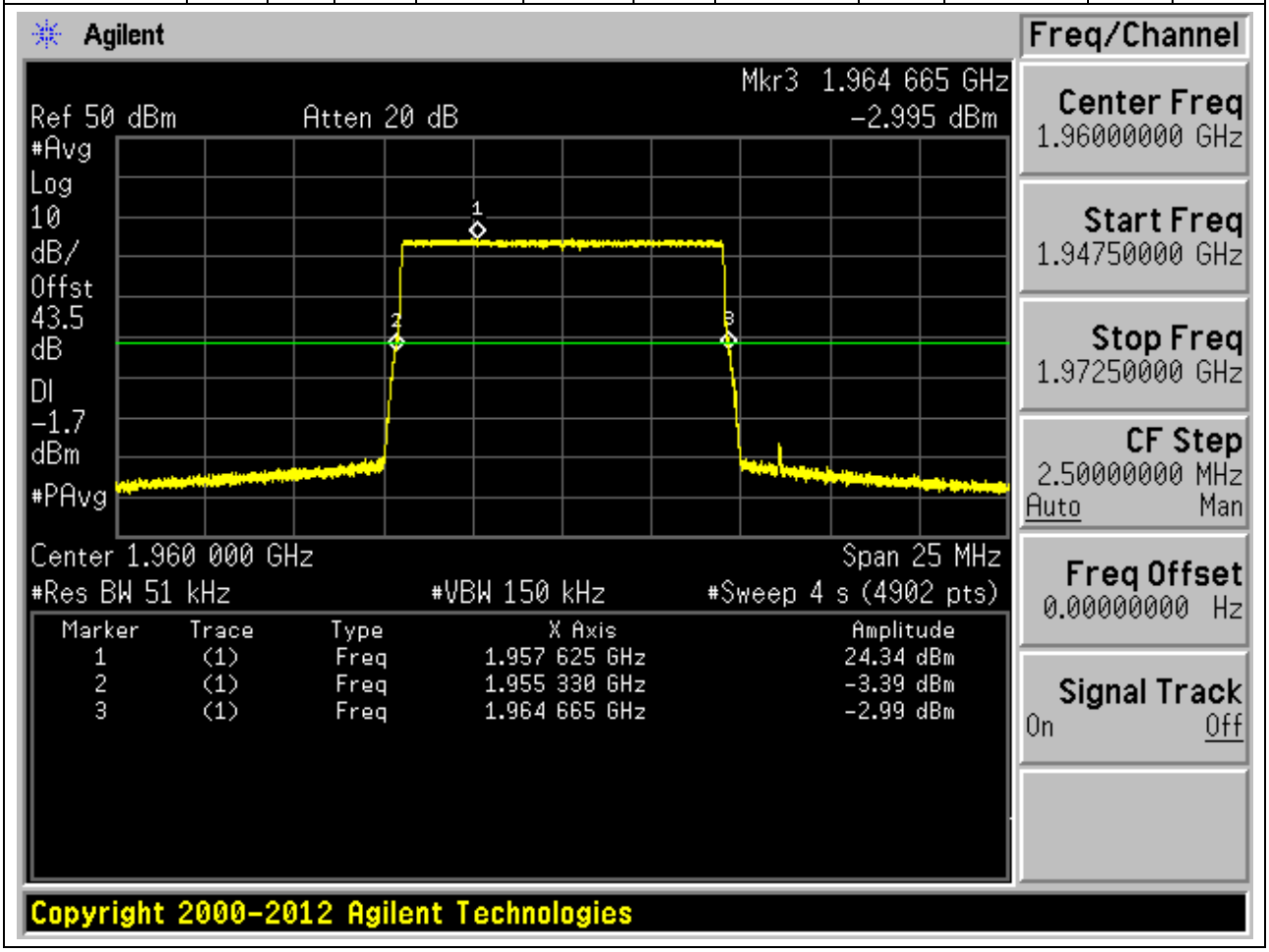
2.2.7 1L10M_TM1_B_Band2

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
1935	25	26	0.051	RMS	9.334784	10	1930.340224	1930	1939.675008	1990	Pass



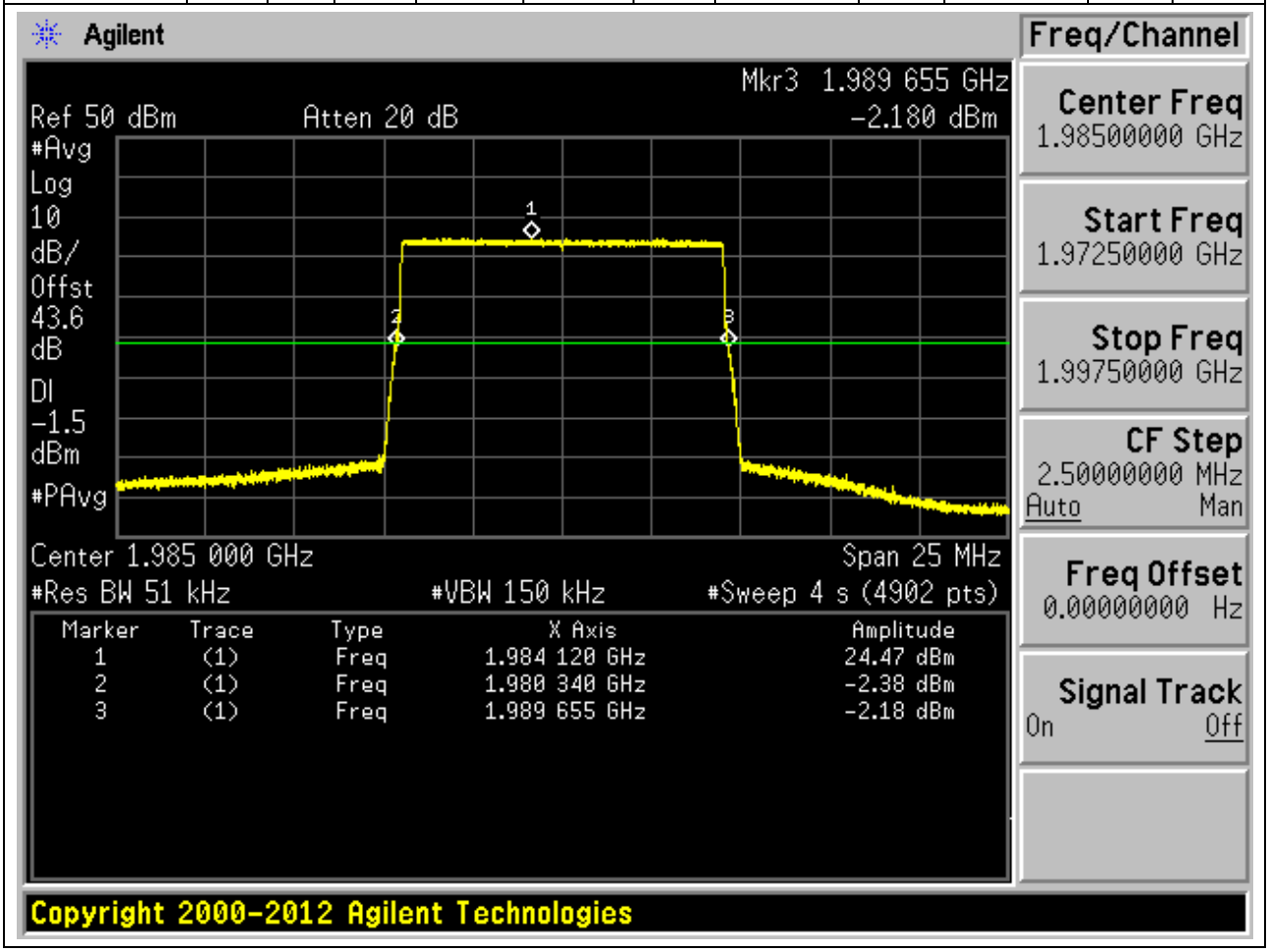
2.2.8 1L10M_TM1_M_Band2

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	25	26	0.051	RMS	9.334784	10	1955.330048	1930	1964.664832	1990	Pass



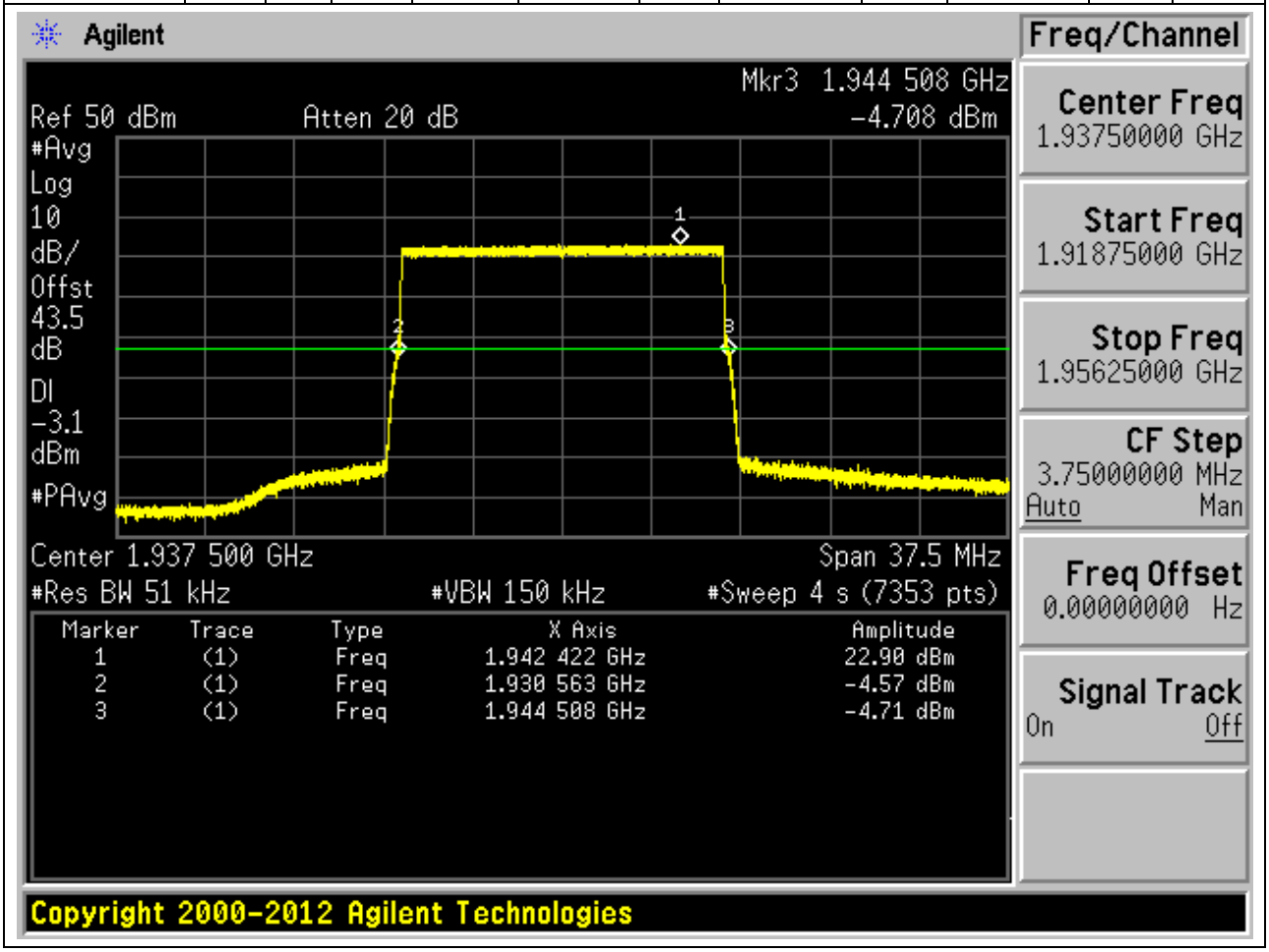
2.2.9 1L10M_TM1_T_Band2

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
1985	25	26	0.051	RMS	9.314432	10	1980.340224	1930	1989.654656	1990	Pass



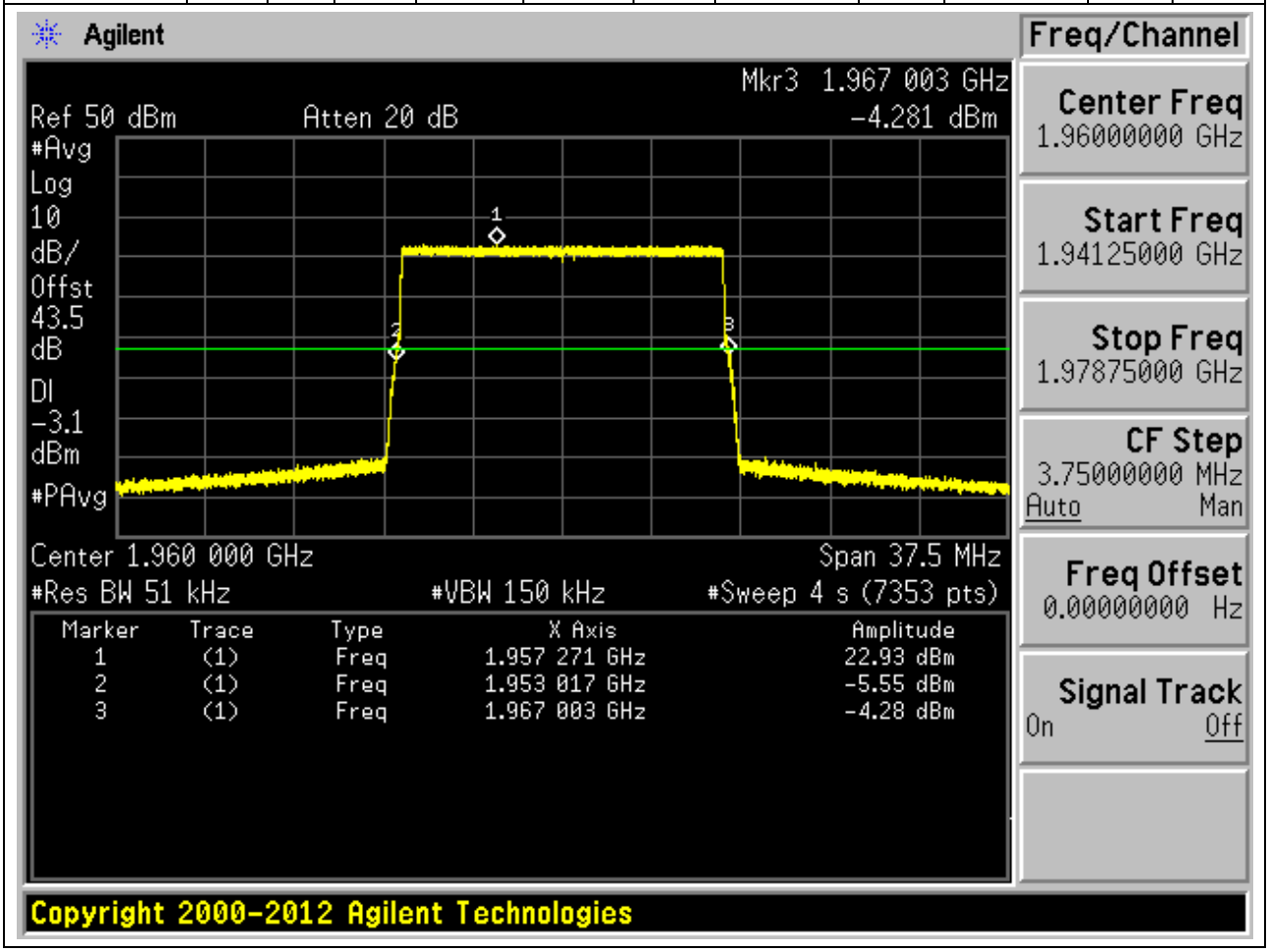
2.2.10 1L15M_TM1_B_Band2

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
1937.5	37.5	26	0.051	RMS	13.945216	15	1930.563072	1930	1944.508288	1990	Pass



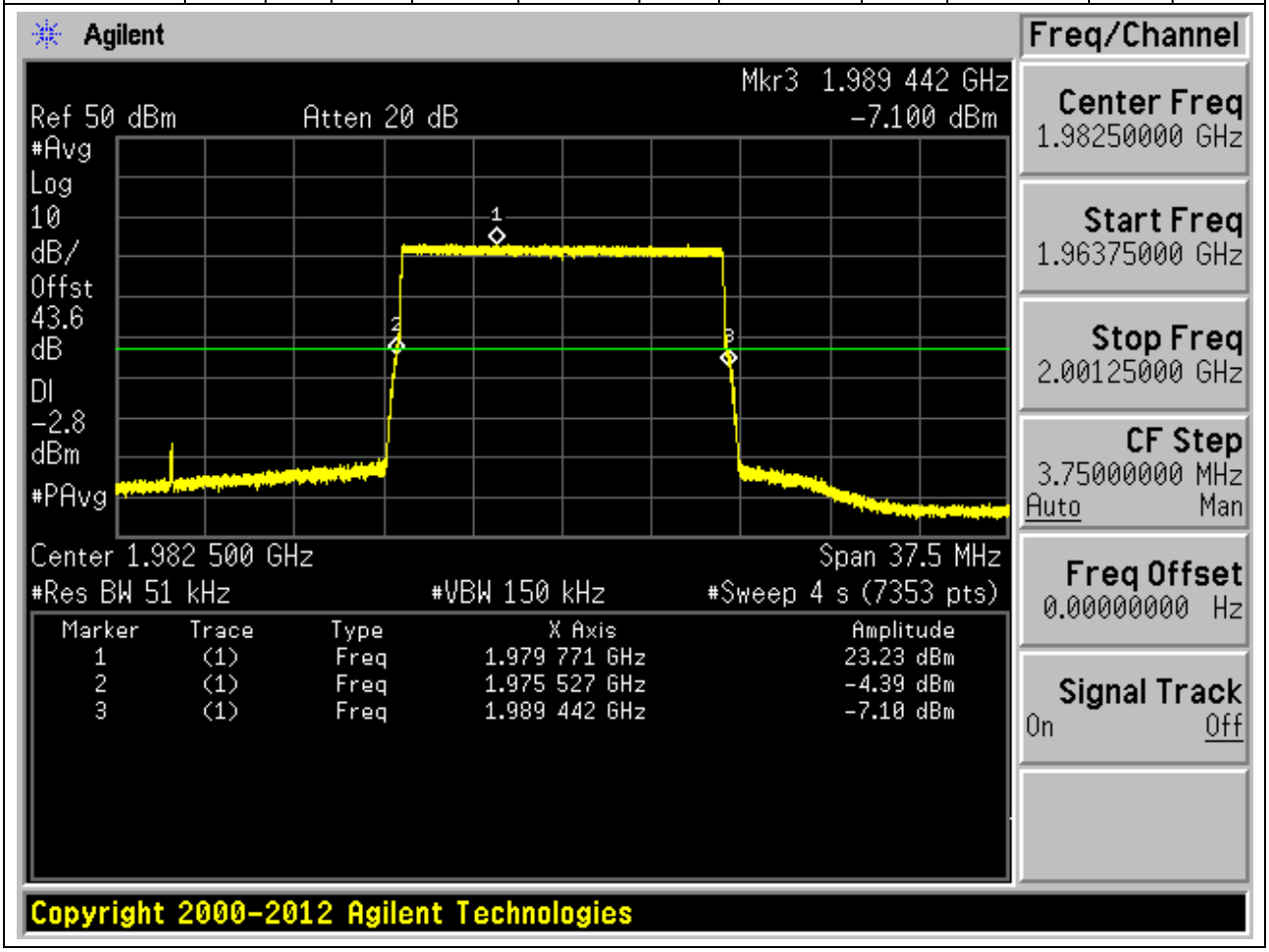
2.2.11 1L15M_TM1_M_Band2

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	37.5	26	0.051	RMS	13.98592	15	1953.017216	1930	1967.003136	1990	Pass



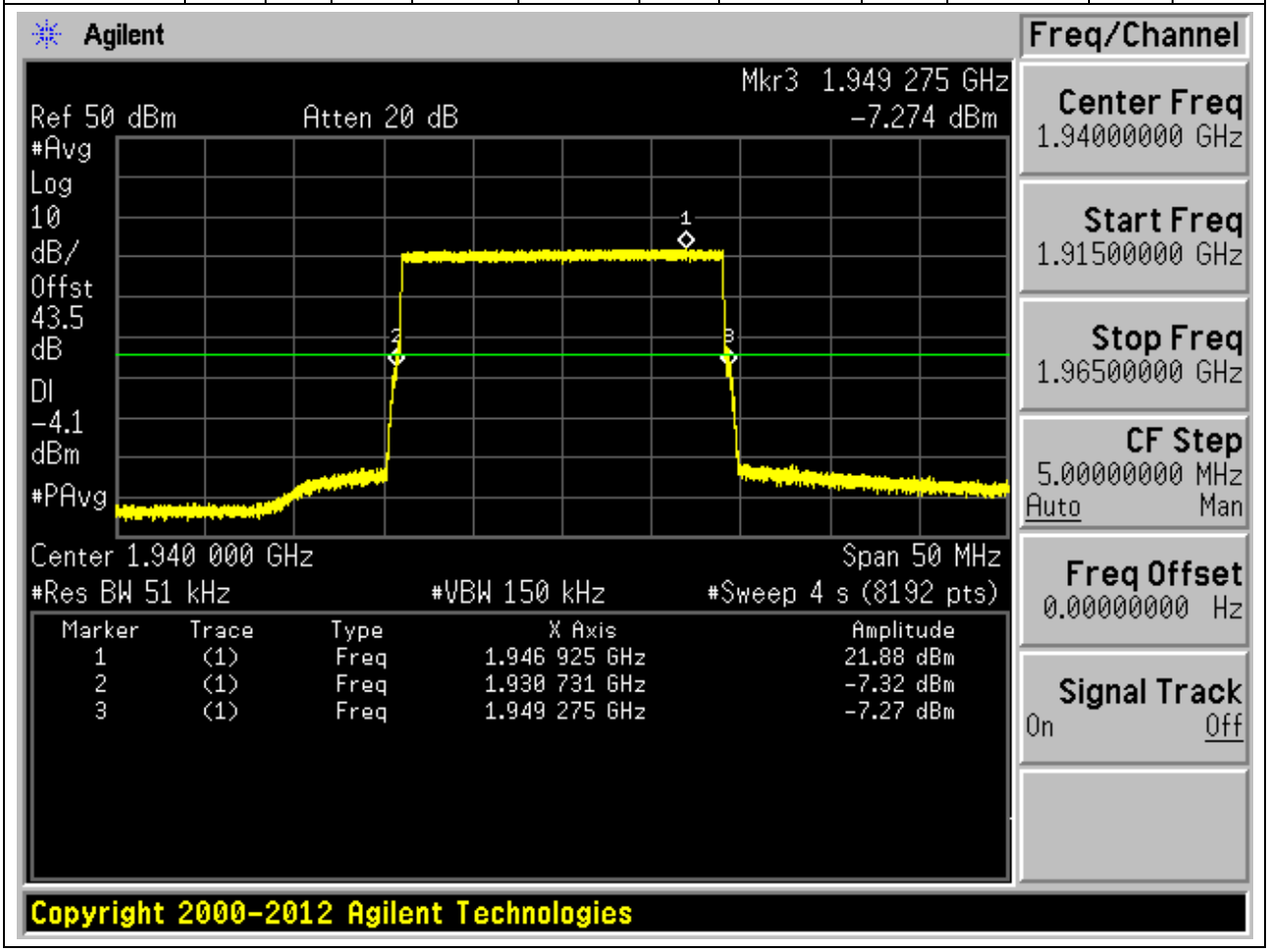
2.2.12 1L15M_TM1_T_Band2

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
1982.5	37.5	26	0.051	RMS	13.914624	15	1975.527424	1930	1989.442048	1990	Pass



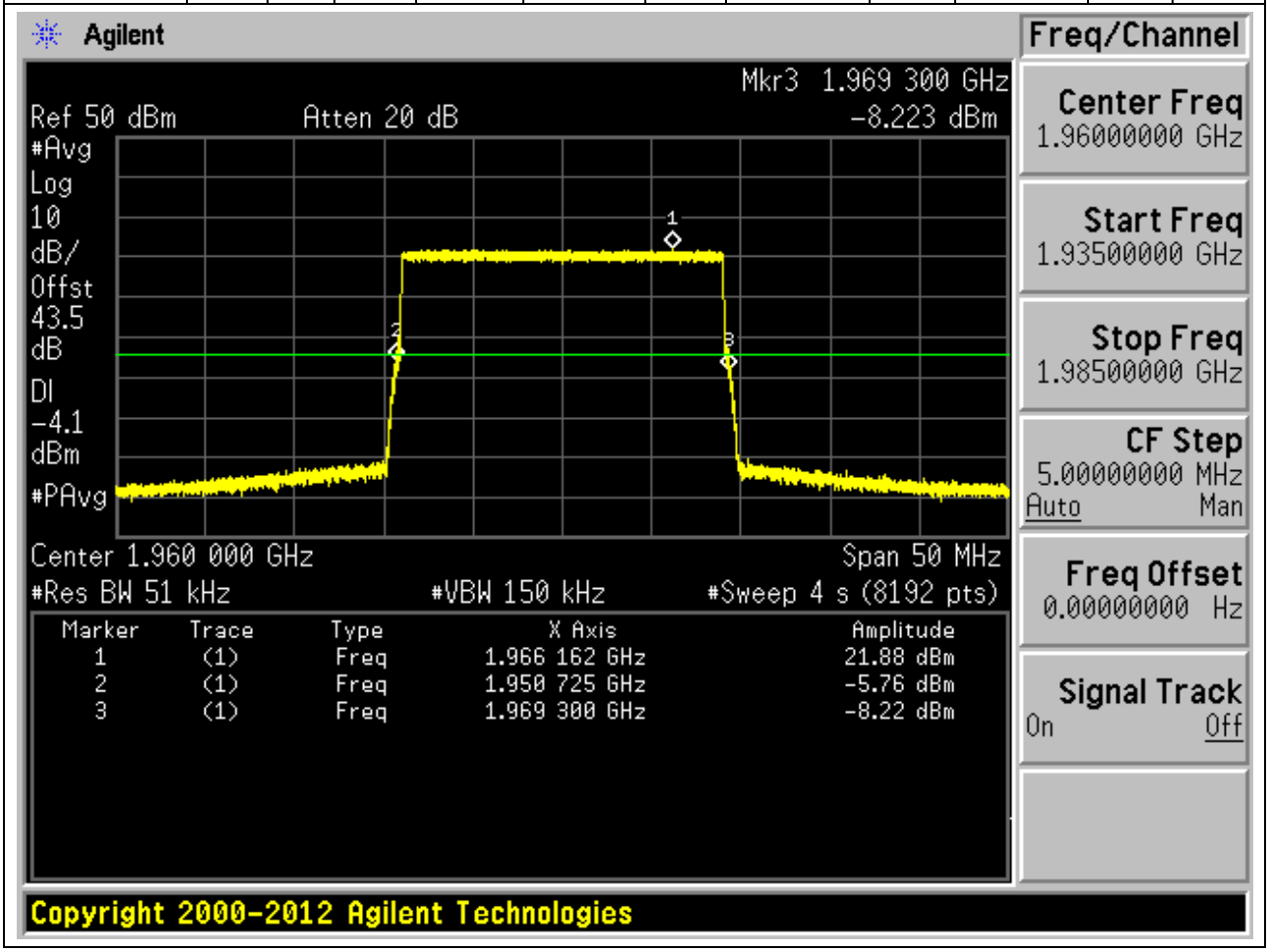
2.2.13 1L20M_TM1_B_Band2

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	0.051	RMS	18.544768	20	1930.730624	1930	1949.275392	1990	Pass



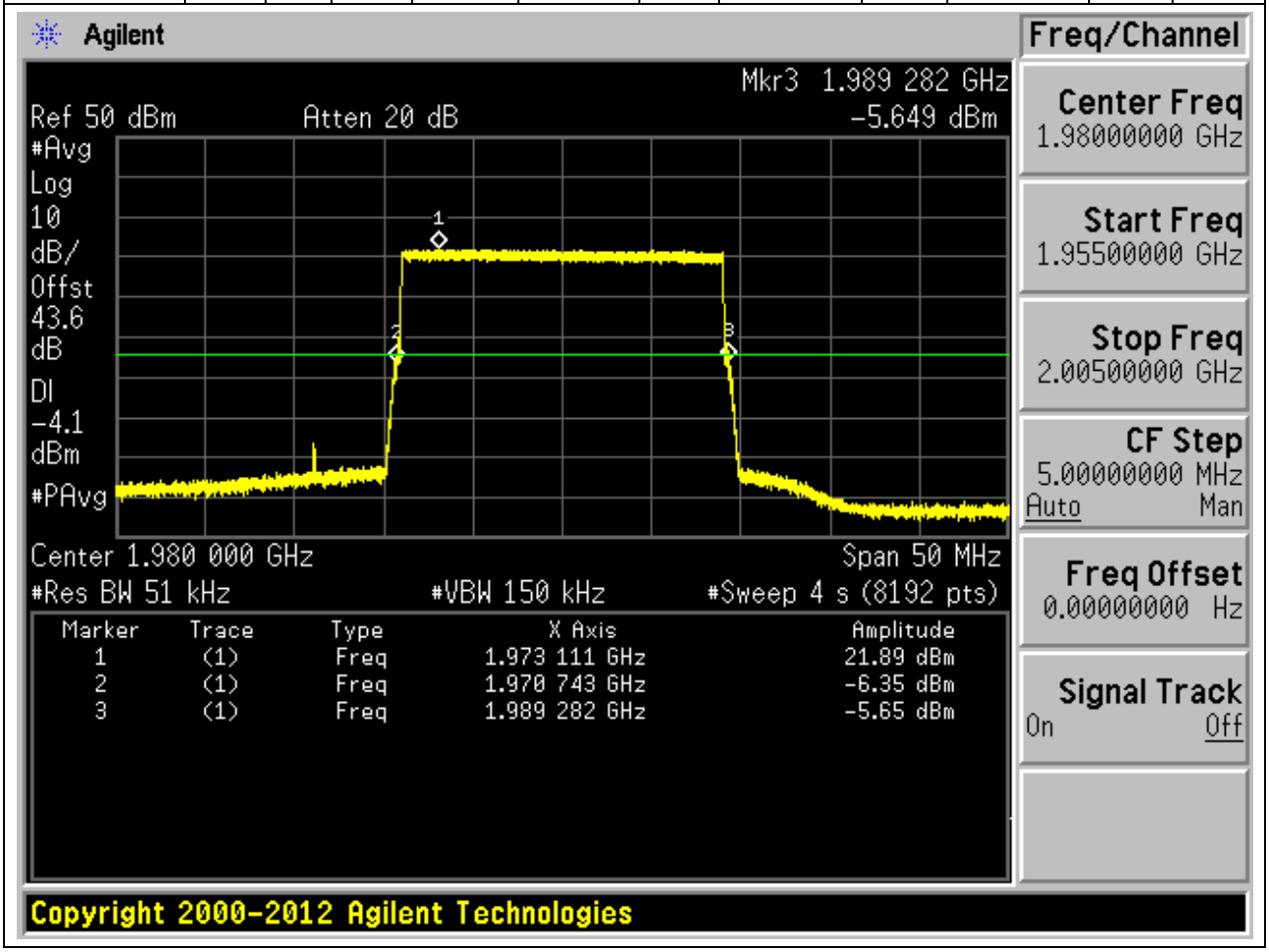
2.2.14 1L20M_TM1_M_Band2

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	0.051	RMS	18.575232	20	1950.724608	1930	1969.29984	1990	Pass



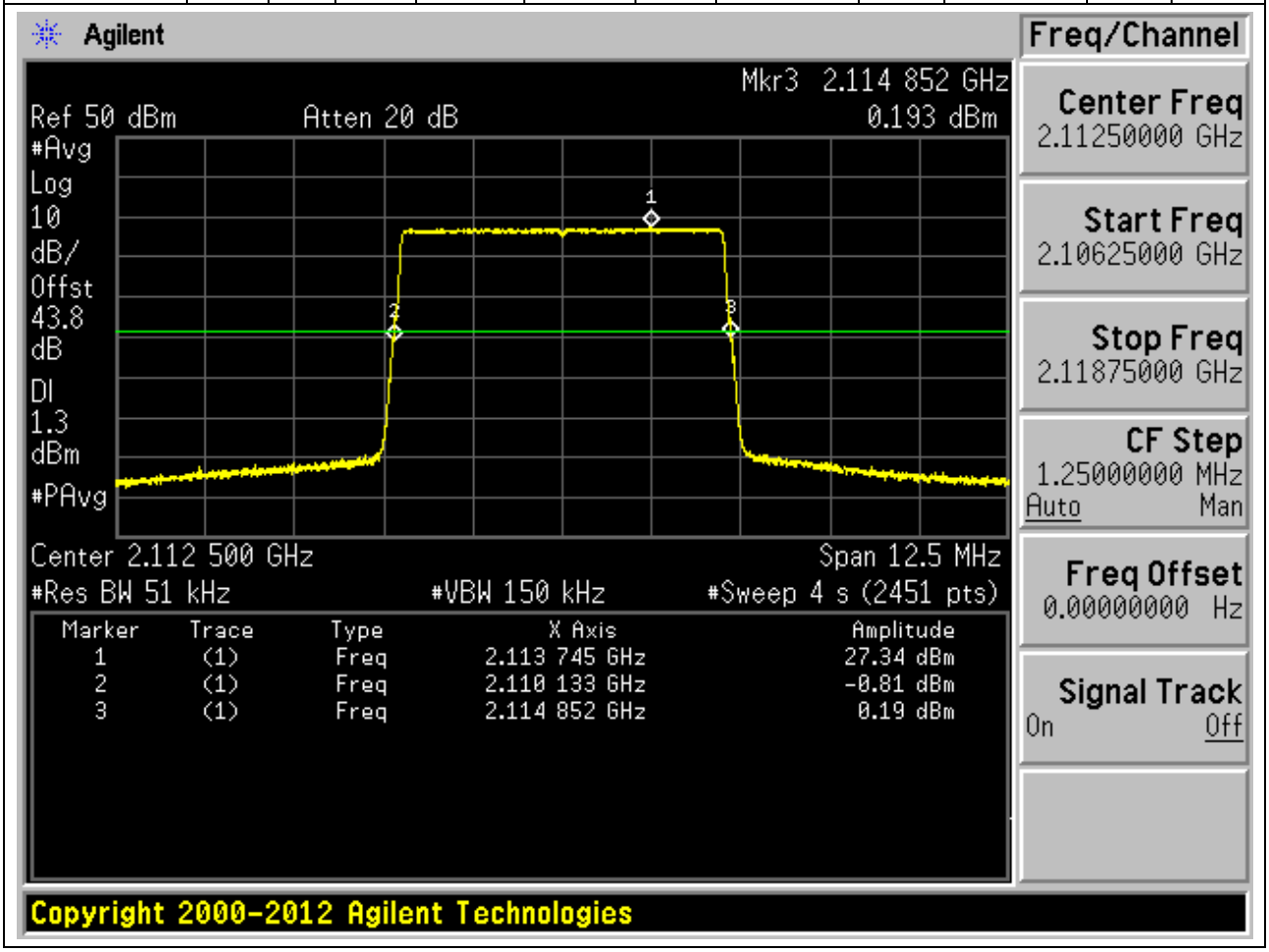
2.2.15 1L20M_TM1_T_Band2

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	0.051	RMS	18.538624	20	1970.742912	1930	1989.281536	1990	Pass



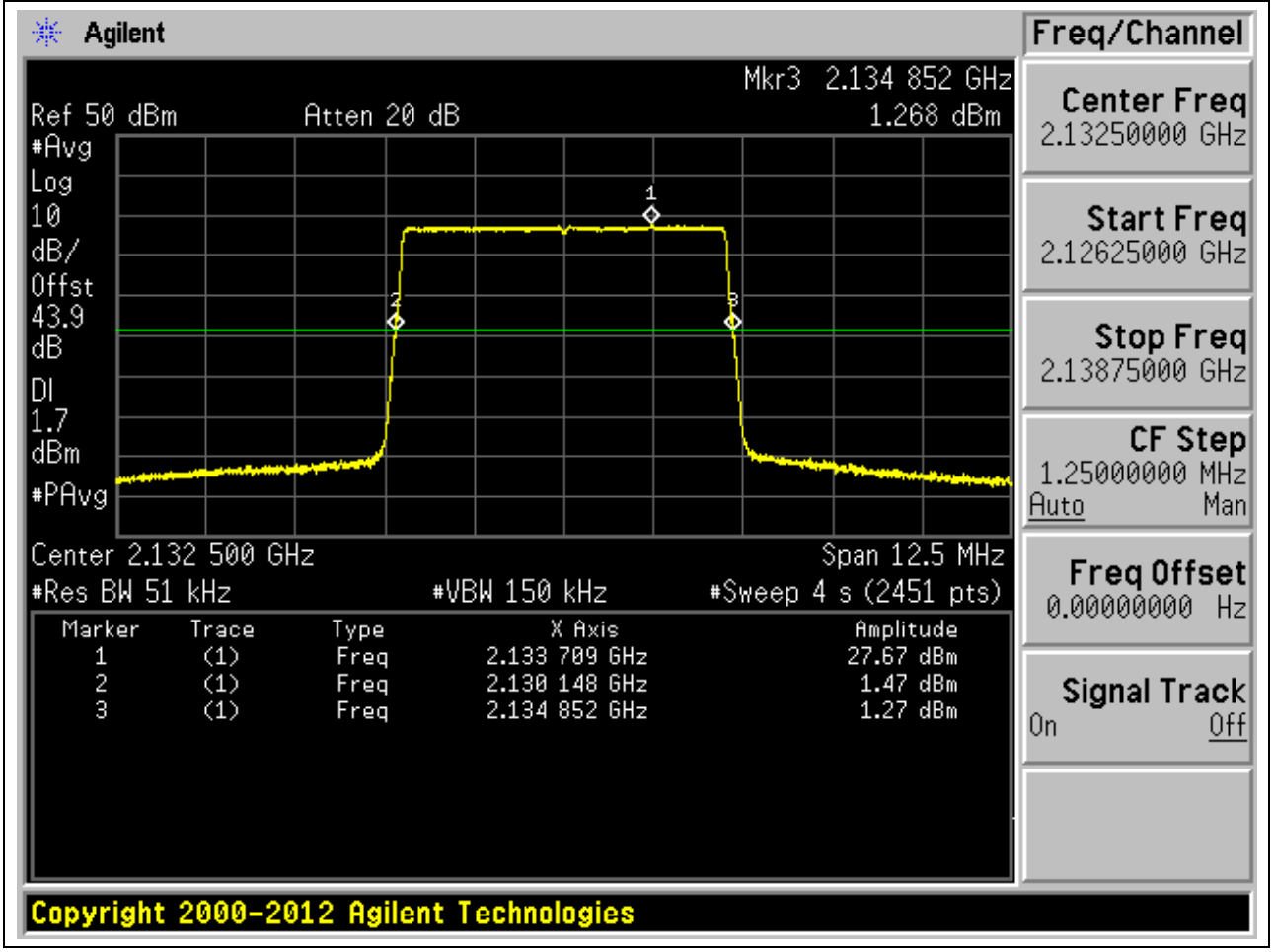
2.2.16 1L5M_TM1_B_Band4

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
2112.5	12.5	26	0.051	RMS	4.719488	5	2110.132608	2110	2114.852096	2155	Pass



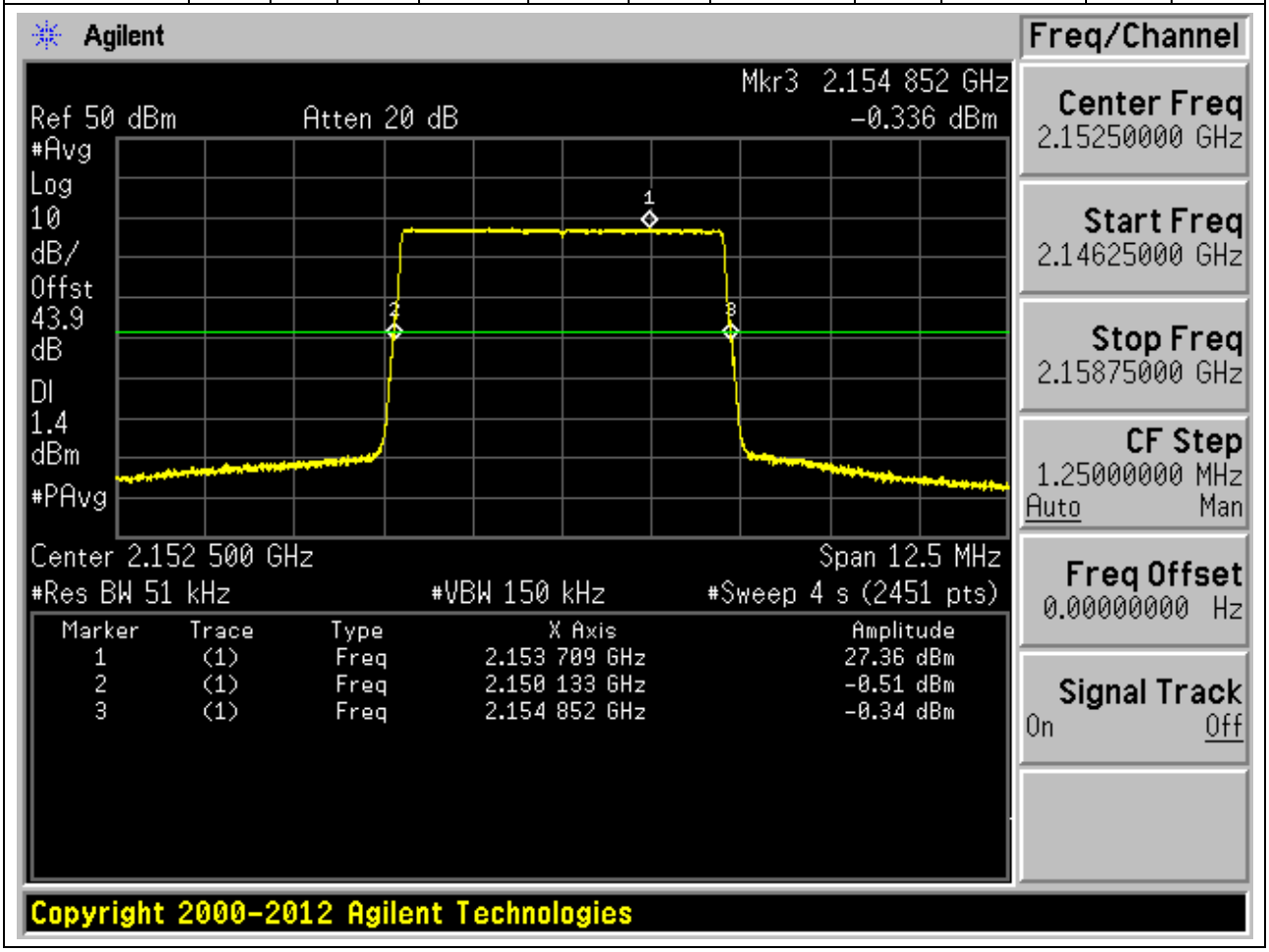
2.2.17 1L5M_TM1_M_Band4

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
2132.5	12.5	26	0.051	RMS	4.704128	5	2130.147968	2110	2134.852096	2155	Pass



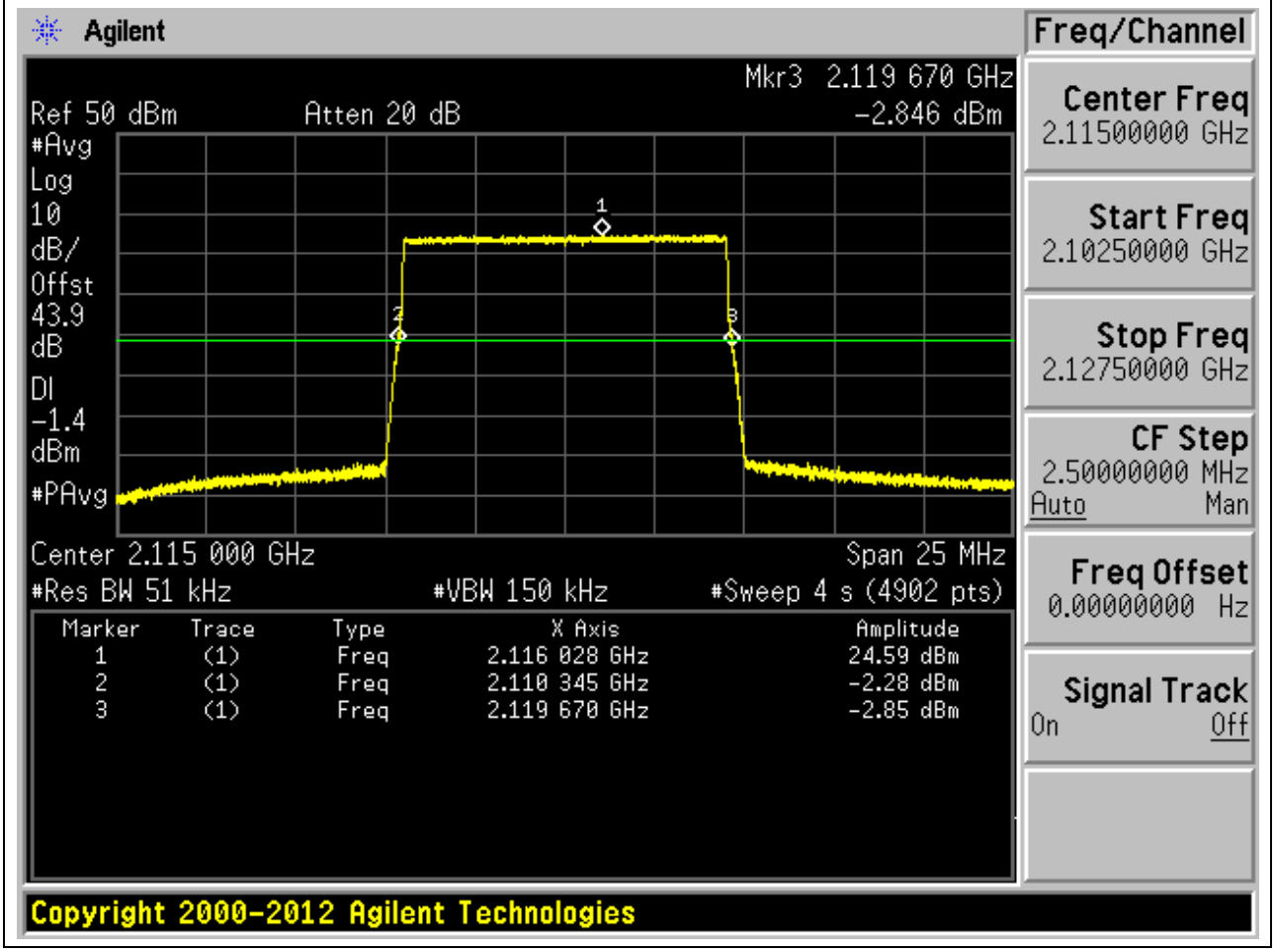
2.2.18 1L5M_TM1_T_Band4

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
2152.5	12.5	26	0.051	RMS	4.71936	5	2150.132736	2110	2154.852096	2155	Pass



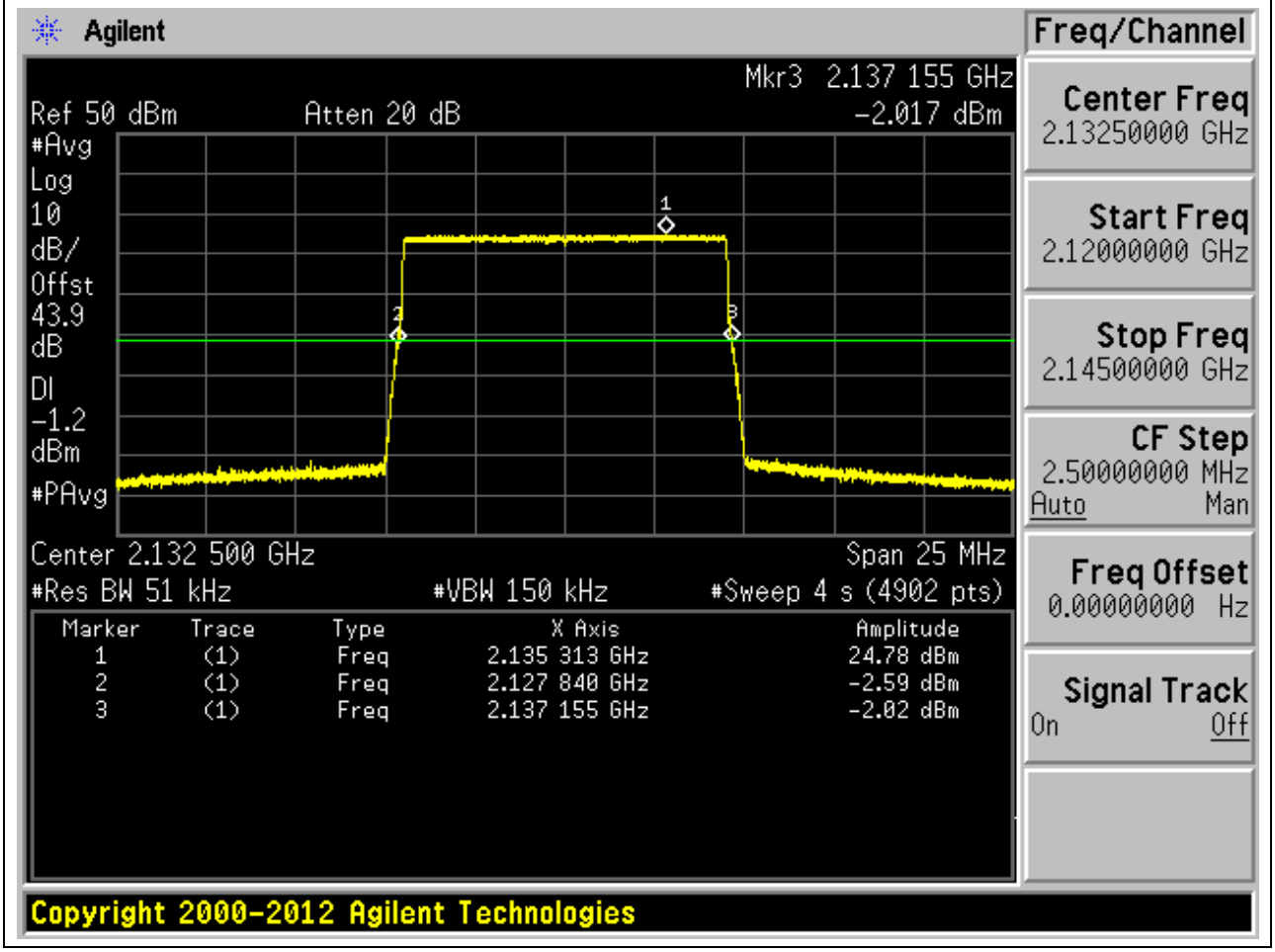
2.2.19 1L10M_TM1_B_Band4

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
2115	25	26	0.051	RMS	9.324672	10	2110.345344	2110	2119.670016	2155	Pass



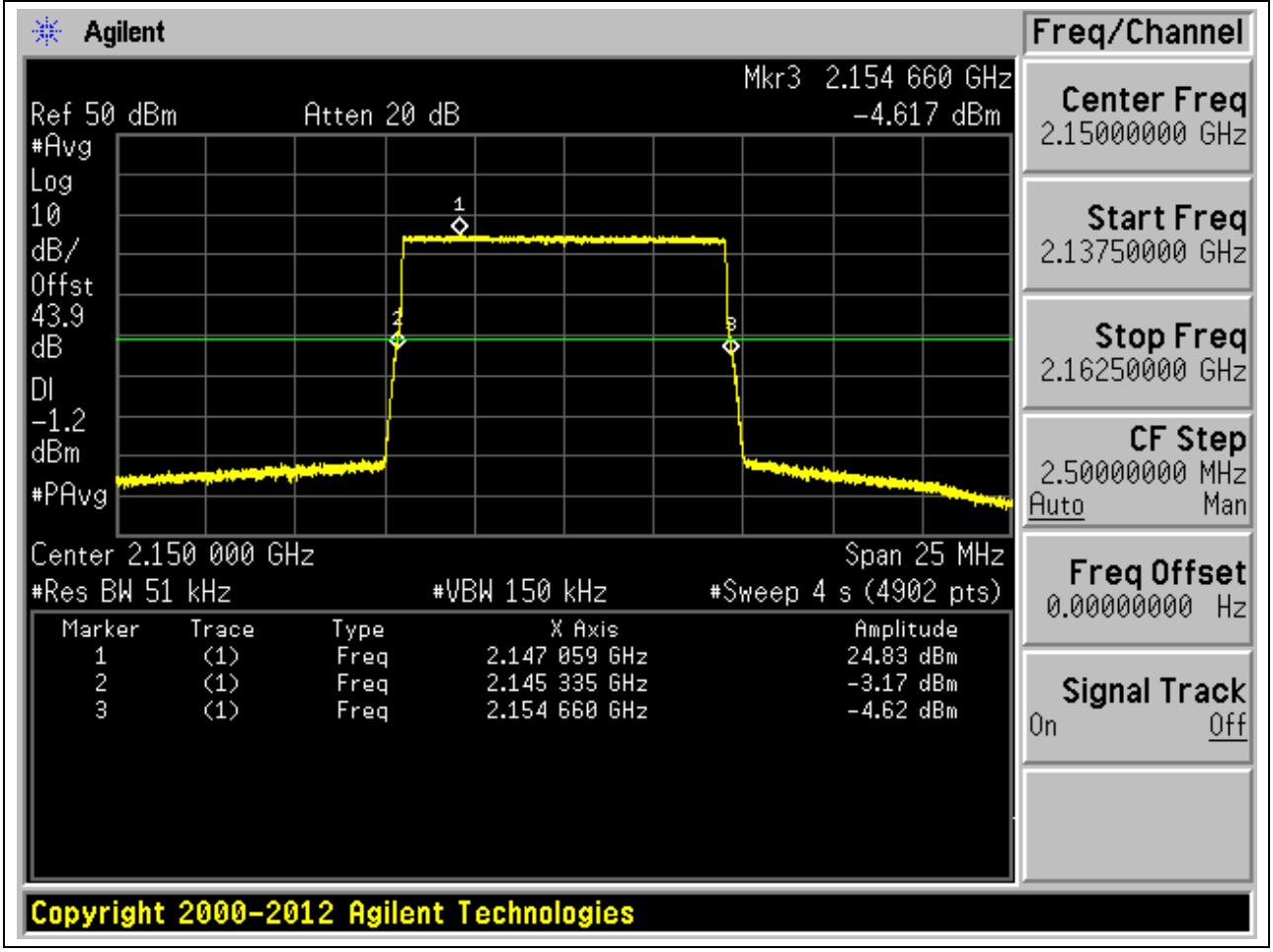
2.2.20 1L10M_TM1_M_Band4

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
2132.5	25	26	0.051	RMS	9.314432	10	2127.840256	2110	2137.154688	2155	Pass



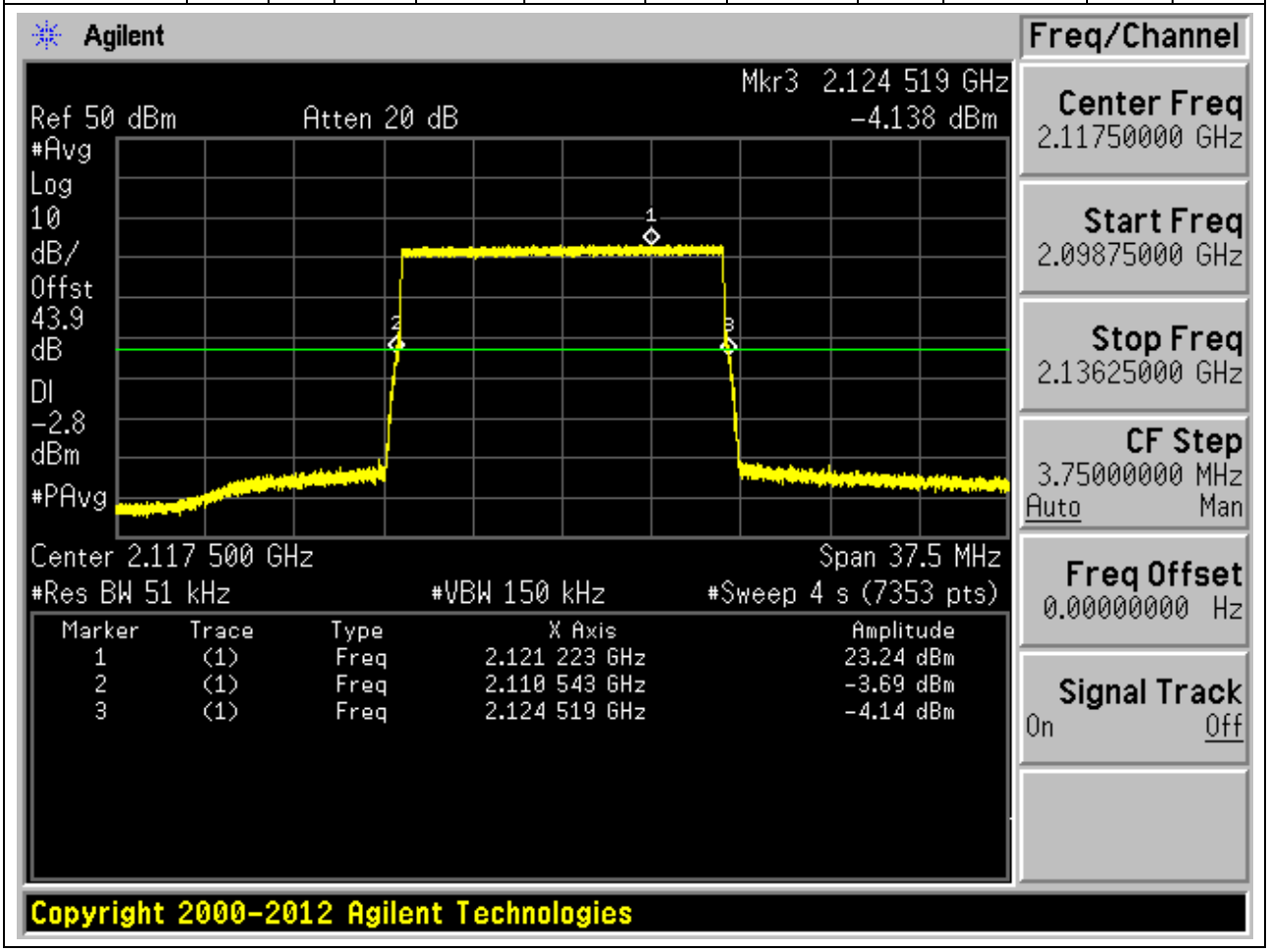
2.2.21 1L10M_TM1_T_Band4

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
2150	25	26	0.051	RMS	9.324672	10	2145.335168	2110	2154.65984	2155	Pass



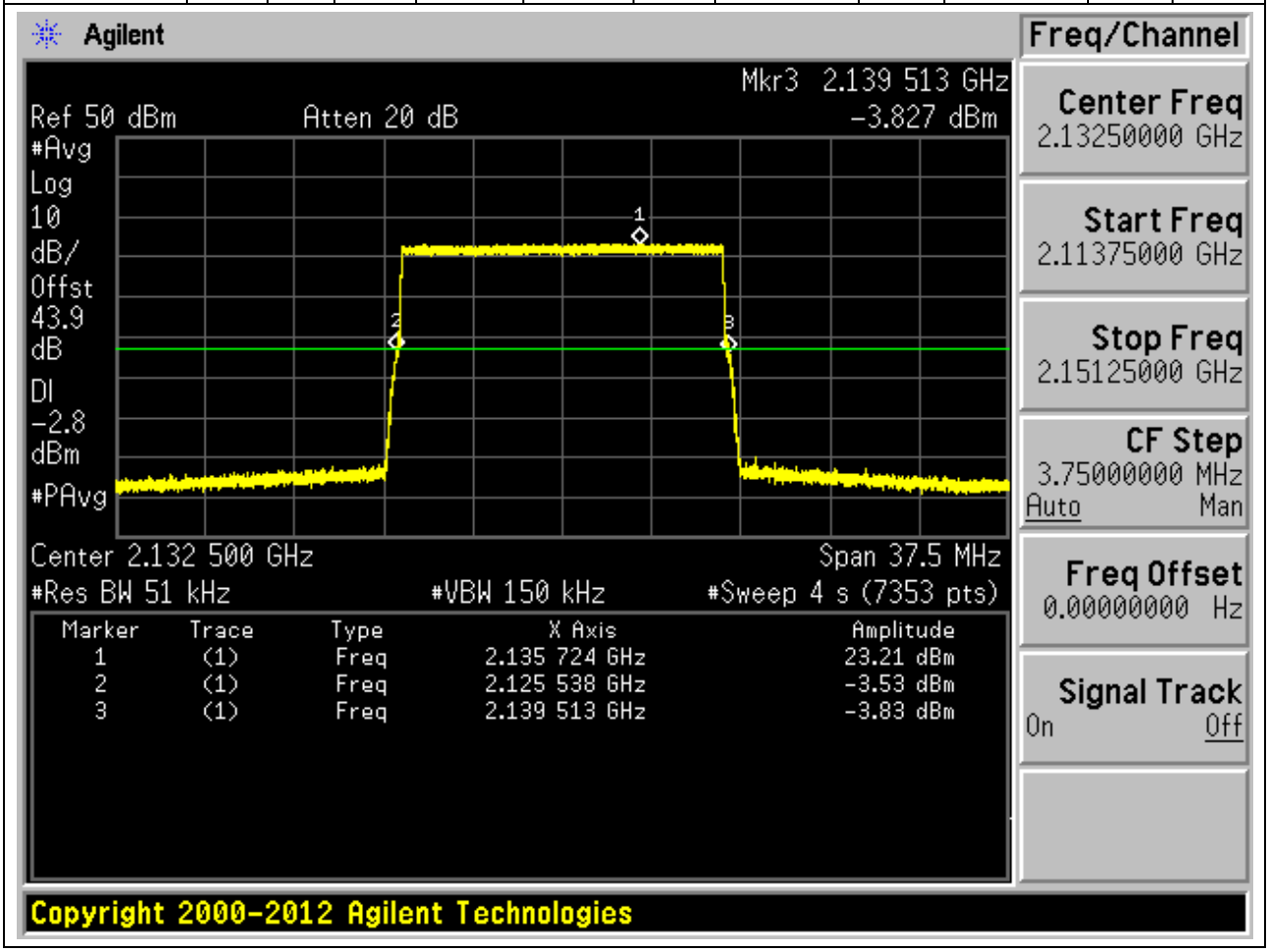
2.2.22 1L15M_TM1_B_Band4

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
2117.5	37.5	26	0.051	RMS	13.975808	15	2110.54272	2110	2124.518528	2155	Pass



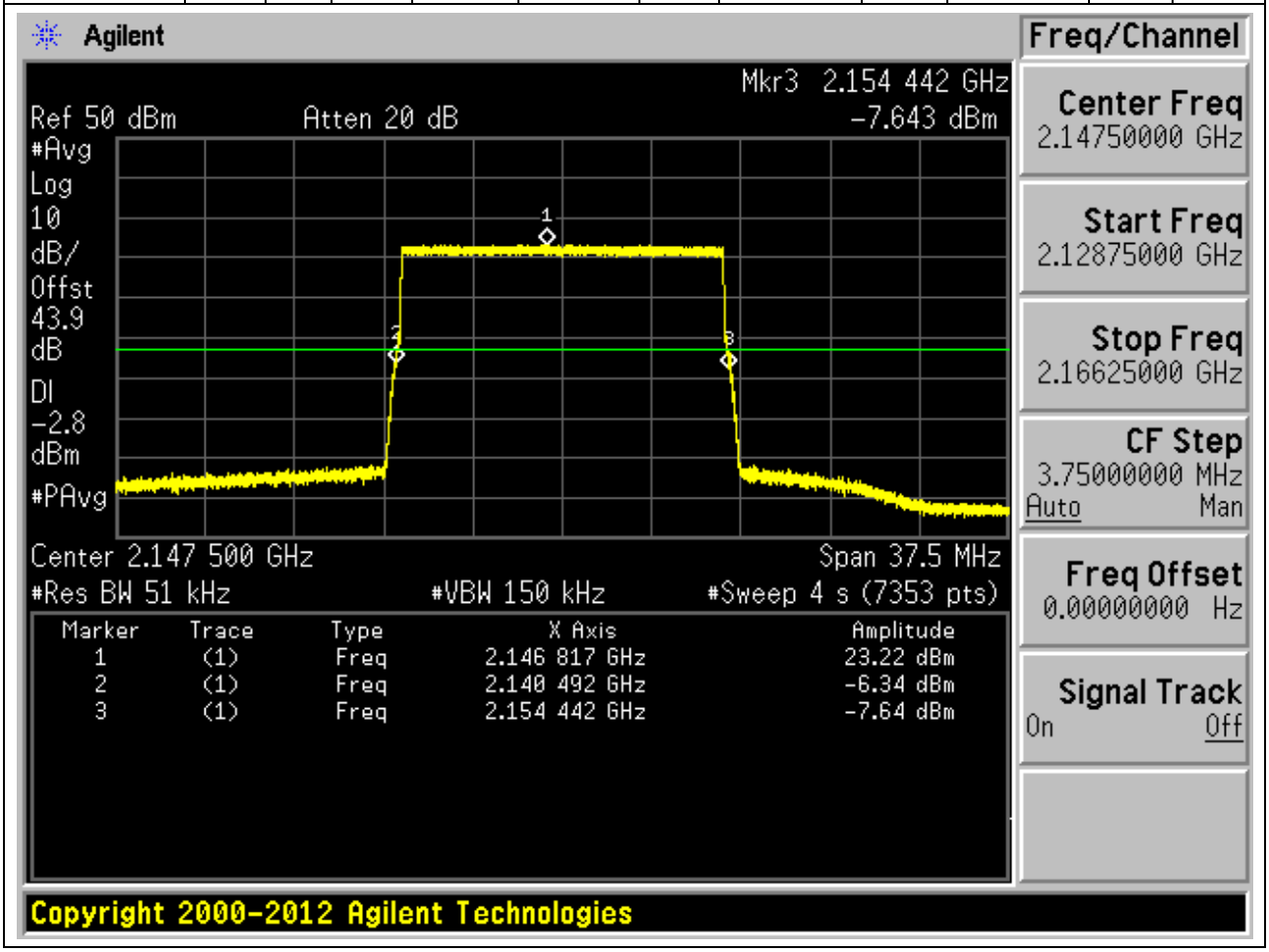
2.2.23 1L15M_TM1_M_Band4

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
2132.5	37.5	26	0.051	RMS	13.97568	15	2125.537664	2110	2139.513344	2155	Pass



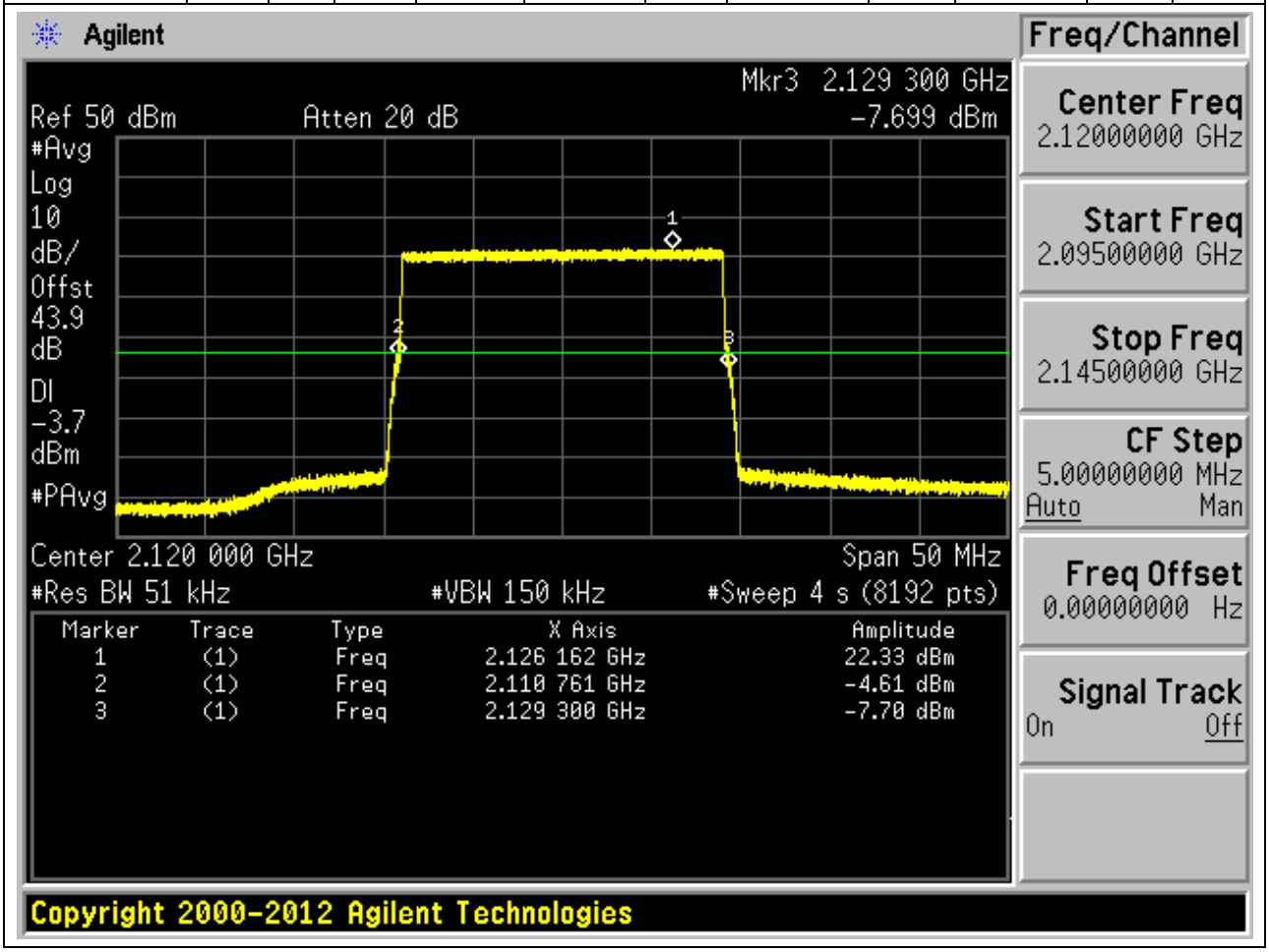
2.2.24 1L15M_TM1_T_Band4

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
2147.5	37.5	26	0.051	RMS	13.950336	15	2140.491648	2110	2154.441984	2155	Pass



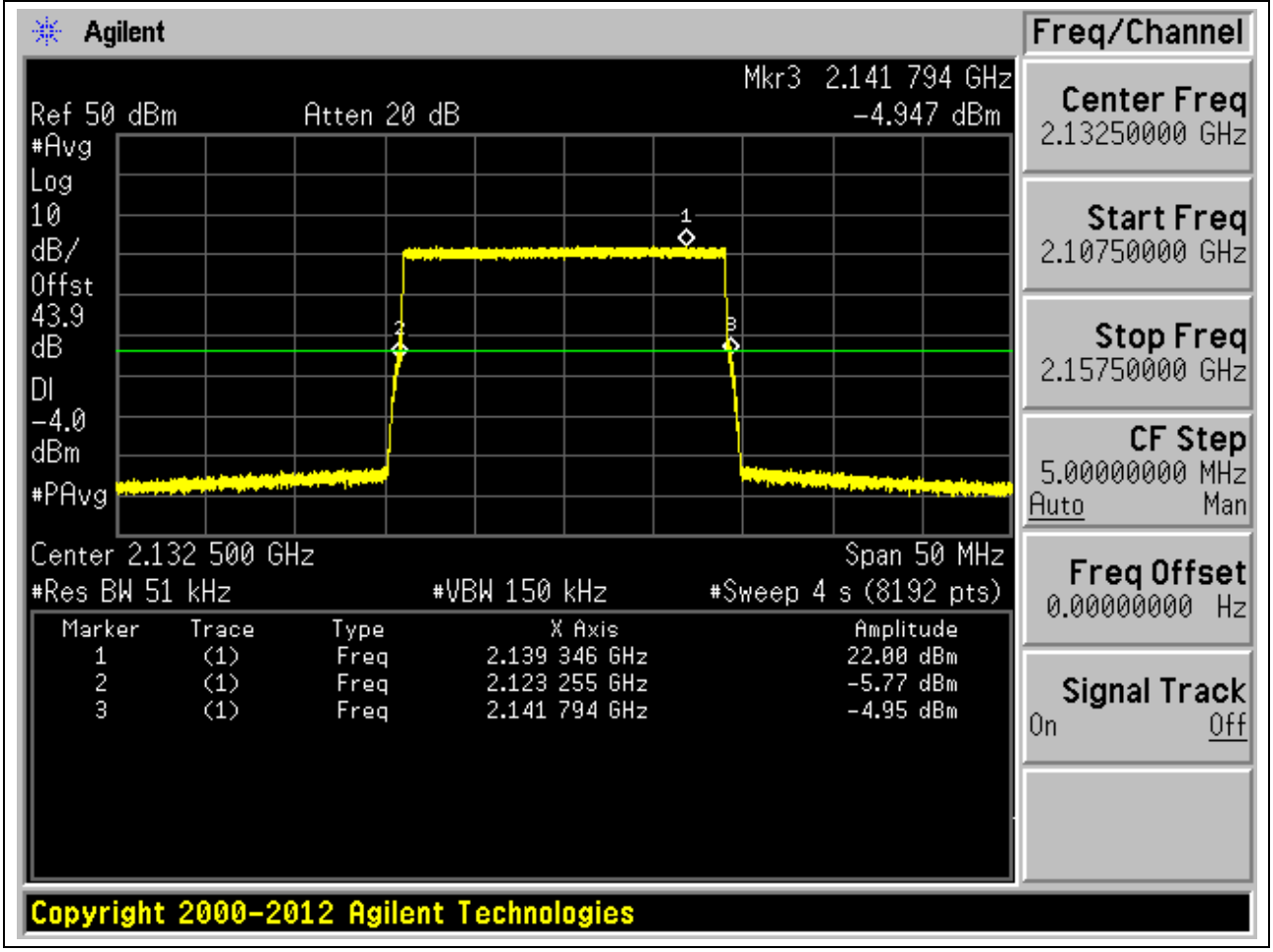
2.2.25 1L20M_TM1_B_Band4

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
2120	50	26	0.051	RMS	18.538624	20	2110.761216	2110	2129.29984	2155	Pass



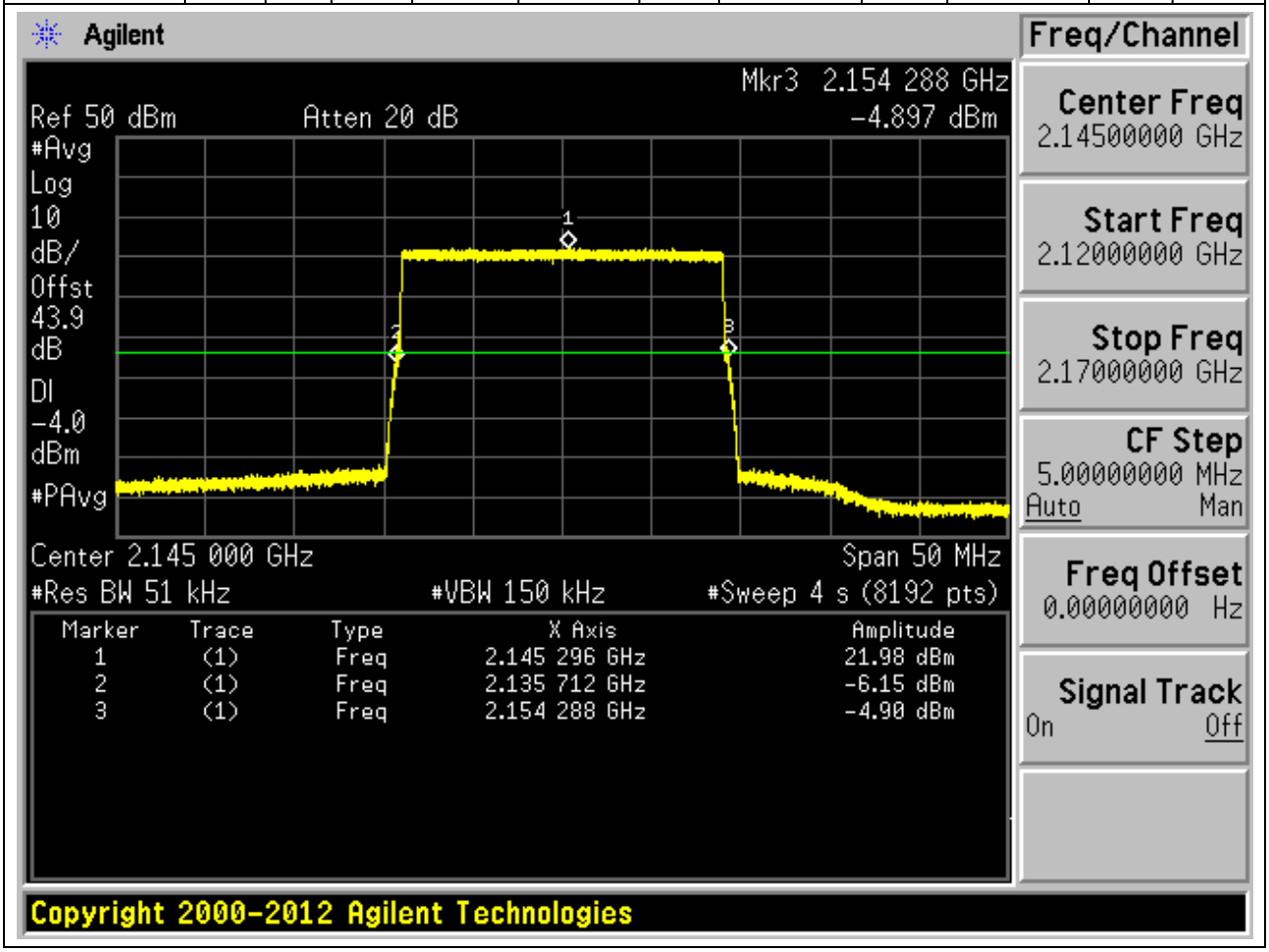
2.2.26 1L20M_TM1_M_Band4

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
2132.5	50	26	0.051	RMS	18.538752	20	2123.25504	2110	2141.793792	2155	Pass



2.2.27 1L20M_TM1_T_Band4

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
2145	50	26	0.051	RMS	18.575232	20	2135.712384	2110	2154.287616	2155	Pass



Appendix C: Band Edges Compliance / Emission Mask

1 Result Table

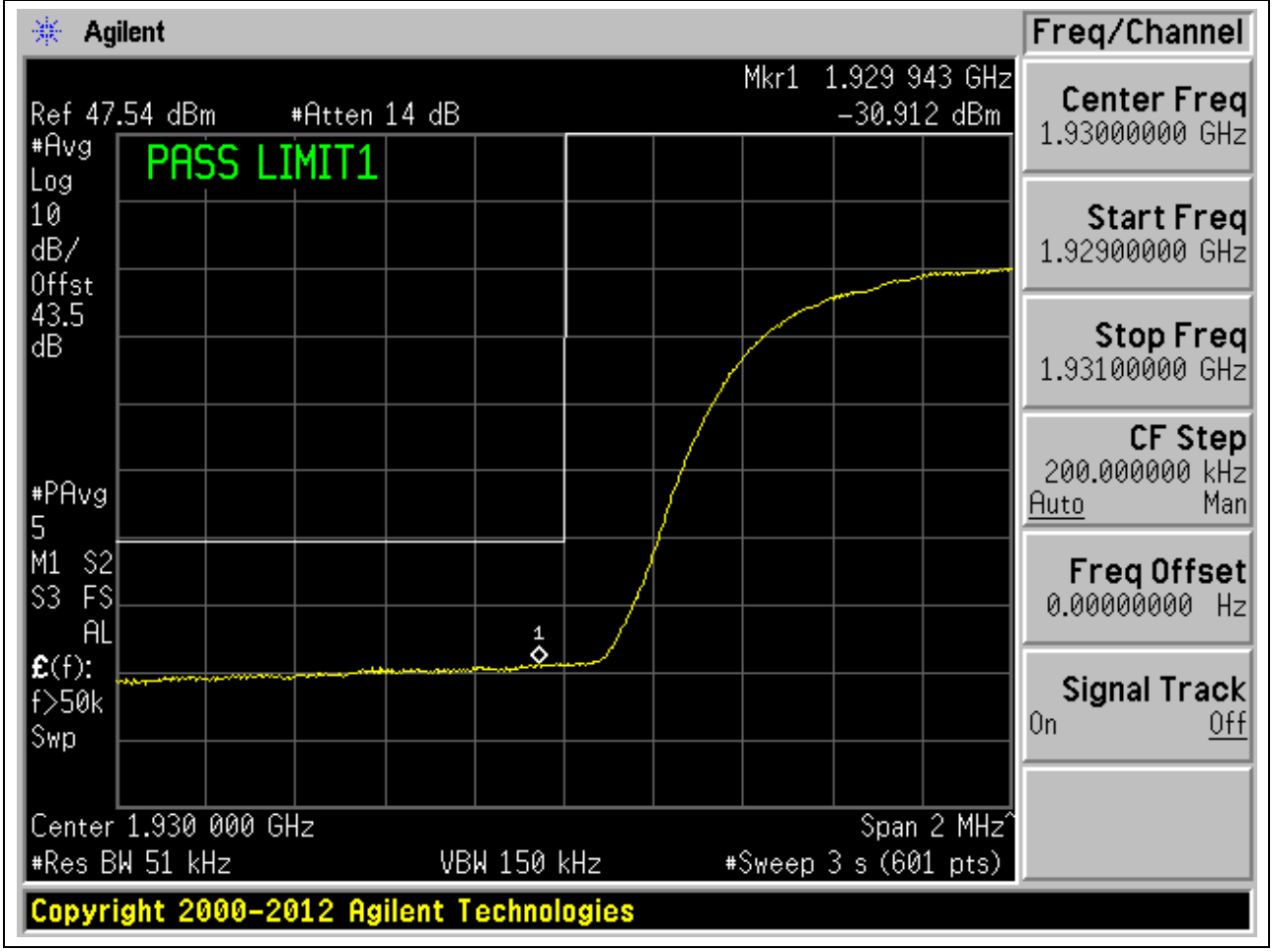
NOTE: If applicable, the offset of measurement filter -3dB point may be considered when identifying the maximum emission for e.g. the CDMA, WCDMA, WiMAX, LTE systems.

EUT Conf.	Verdict
1U_TM1_B_Band2	Pass
1U_TM1_T_Band2	Pass
NTC_4U_TM1_B_Band2	Pass
NTC_4U_TM1_T _Band2	Pass
1L5M_TM1_B_Band2	Pass
1L5M_TM1_T_Band2	Pass
1L10M_TM1_B_Band2	Pass
1L10M_TM1_T_Band2	Pass
1L15M_TM1_B_Band2	Pass
1L15M_TM1_T_Band2	Pass
1L20M_TM1_B_Band2	Pass
1L20M_TM1_T_Band2	Pass
NTC_4L_TM1_B_Band2	Pass
NTC_4L_TM1_T _Band2	Pass
1L5M_TM1_B_Band4	Pass
1L5M_TM1_T_Band4	Pass
1L10M_TM1_B_Band4	Pass
1L10M_TM1_T_Band4	Pass
1L15M_TM1_B_Band2	Pass
1L15M_TM1_T_Band4	Pass
1L20M_TM1_B_Band4	Pass
1L20M_TM1_T_Band4	Pass
NTC_4L_TM1_B_Band4	Pass
NTC_4L_TM1_T _Band4	Pass
1U_B_band2+1L_T_band4	Pass
NTC_1U1L_B_band2+NTC_2L_T_band4	Pass

2 Test Plot

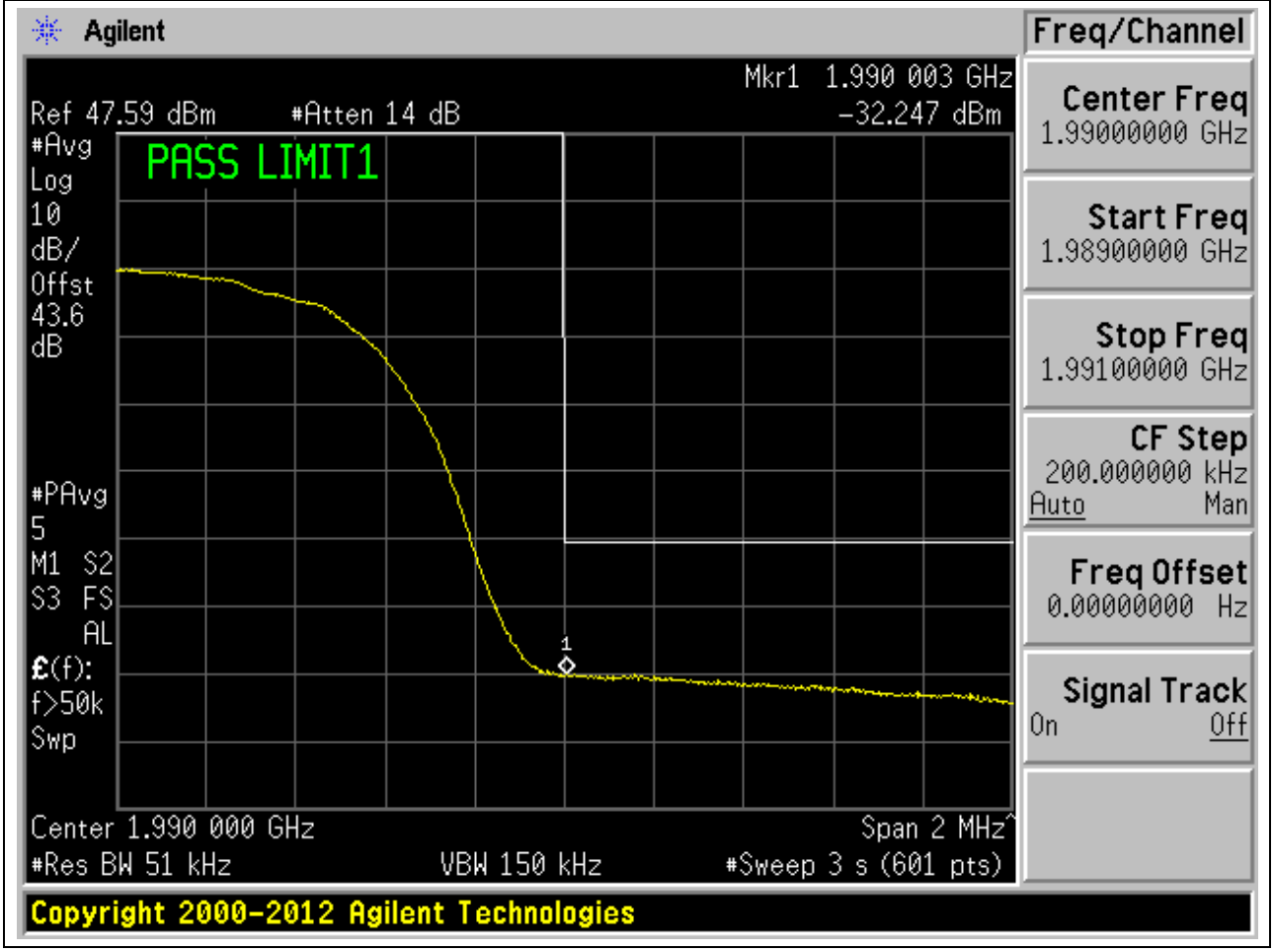
2.1.1 1U_TM1_B_Band2

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



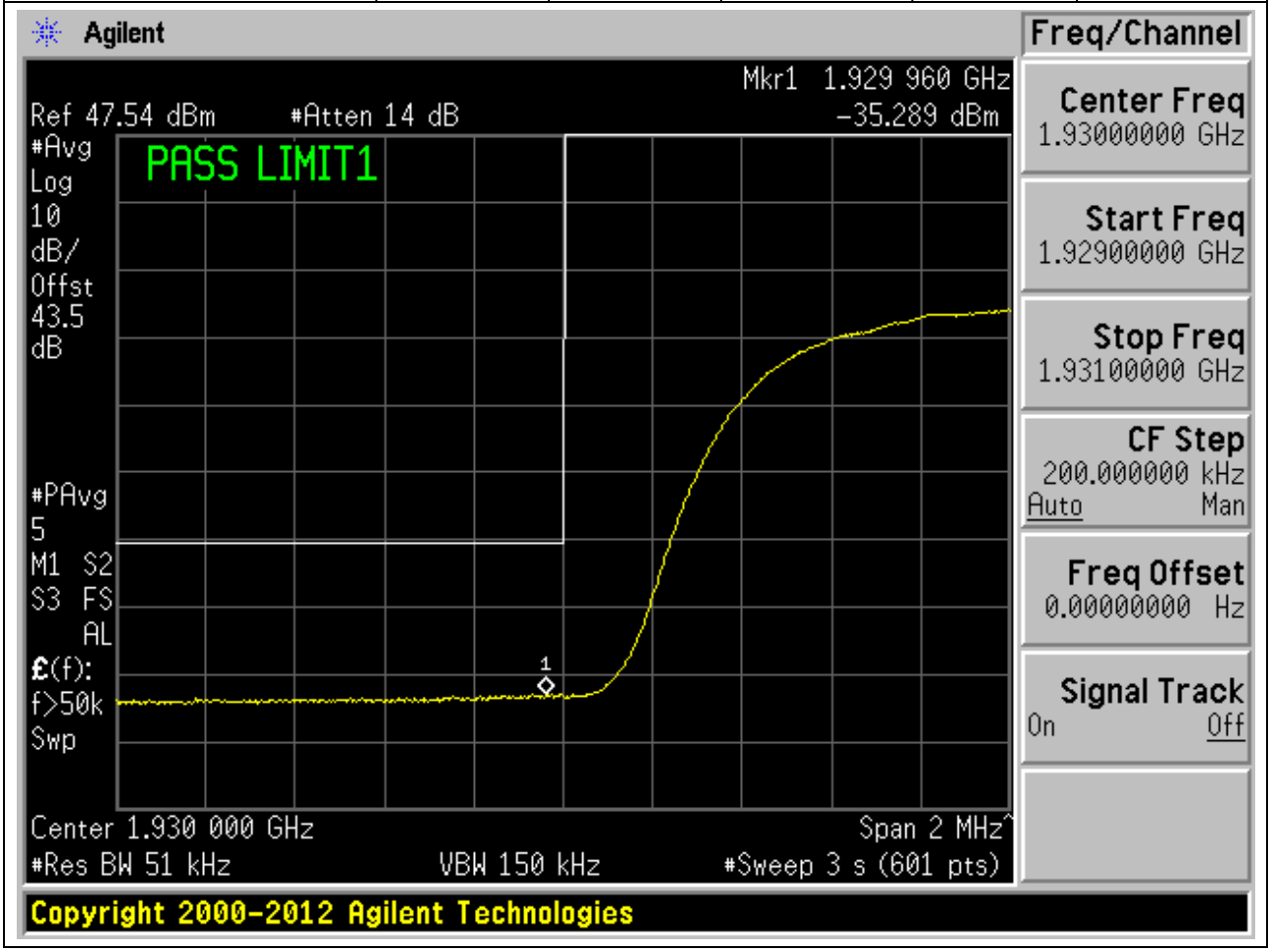
2.1.2 1U_TM1_T_Band2

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



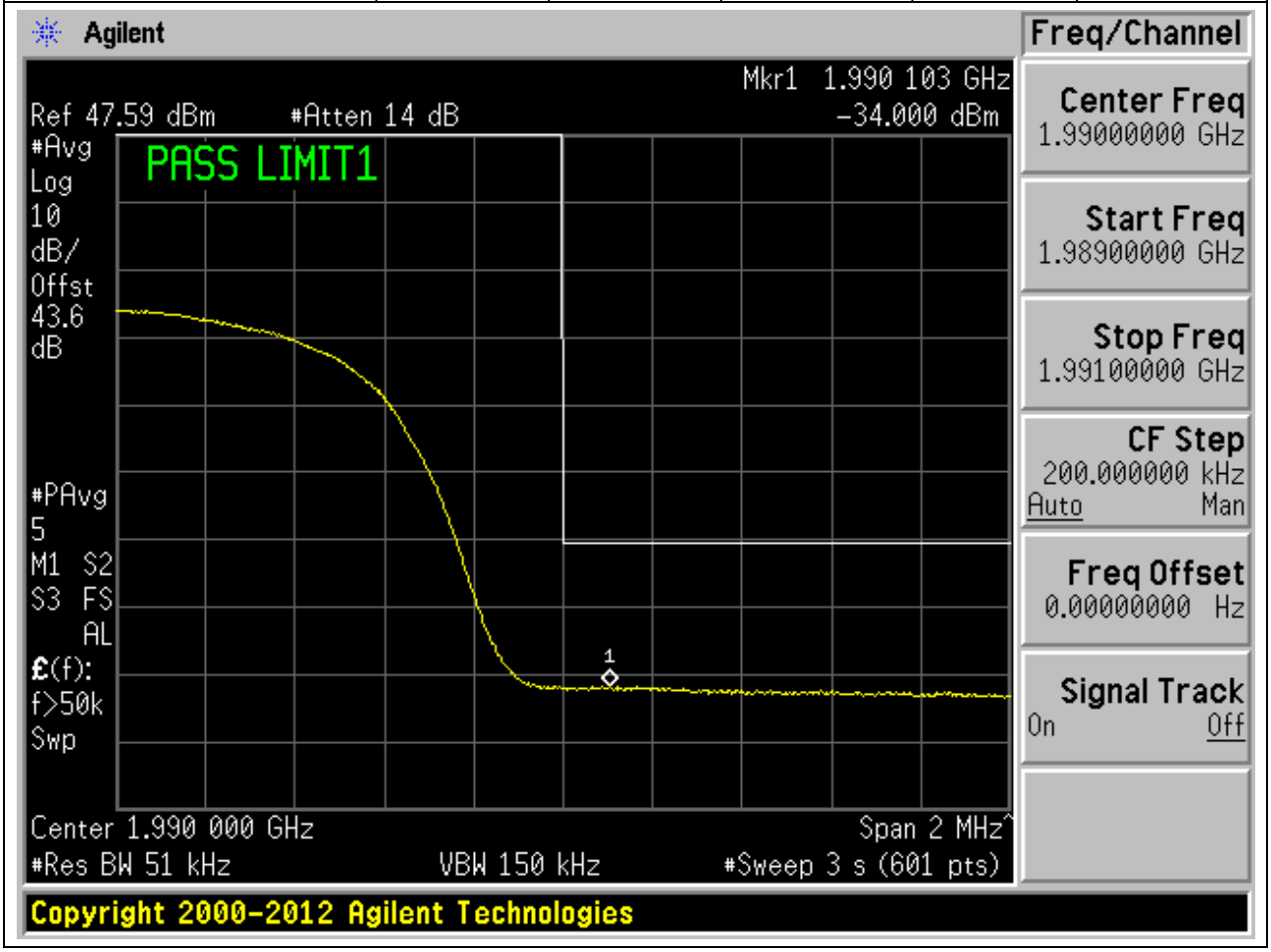
2.1.3 NTC_4U_TM1_B_Band2

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



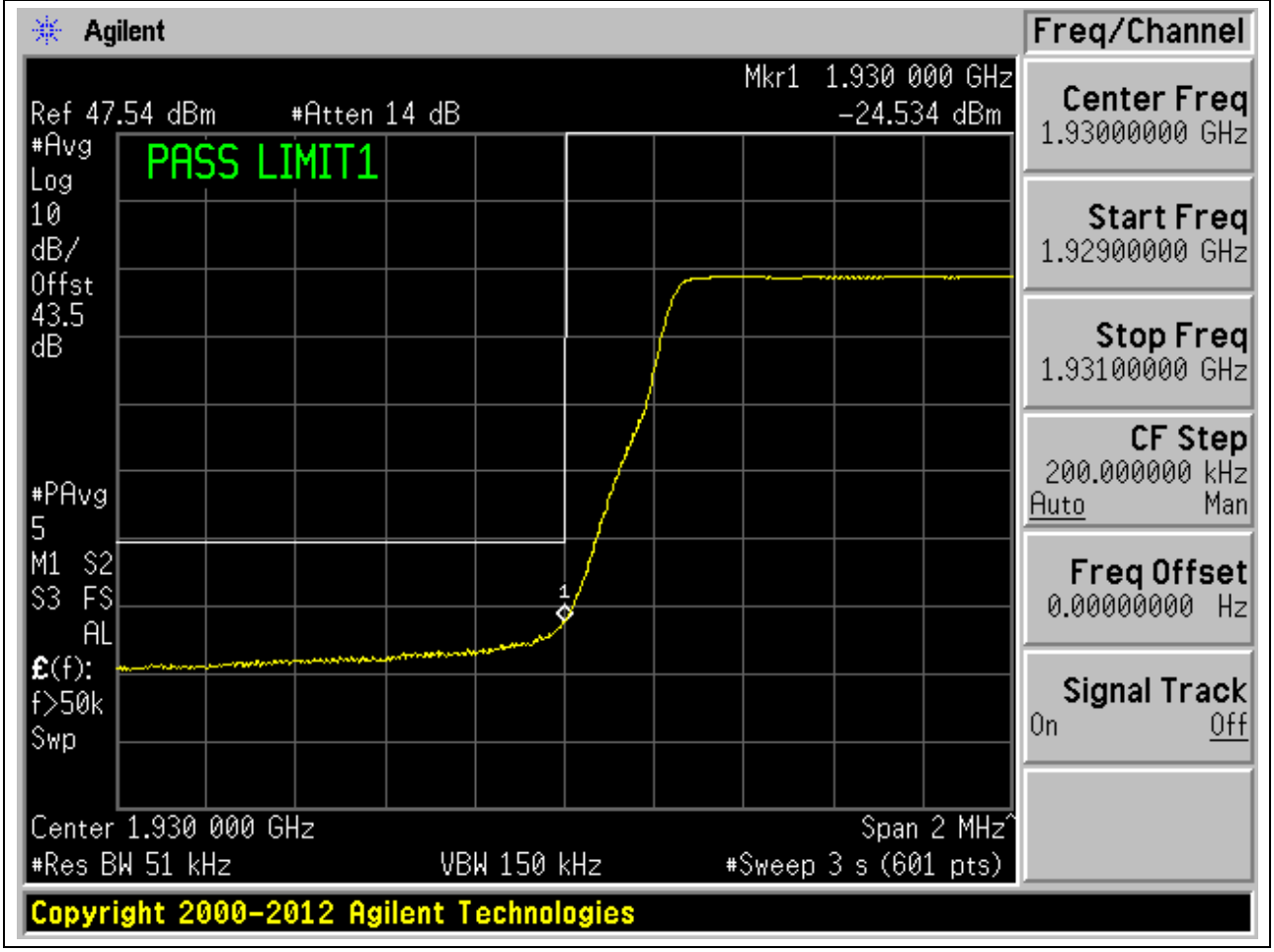
2.1.4 NTC_4U_TM1_T_Band2

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



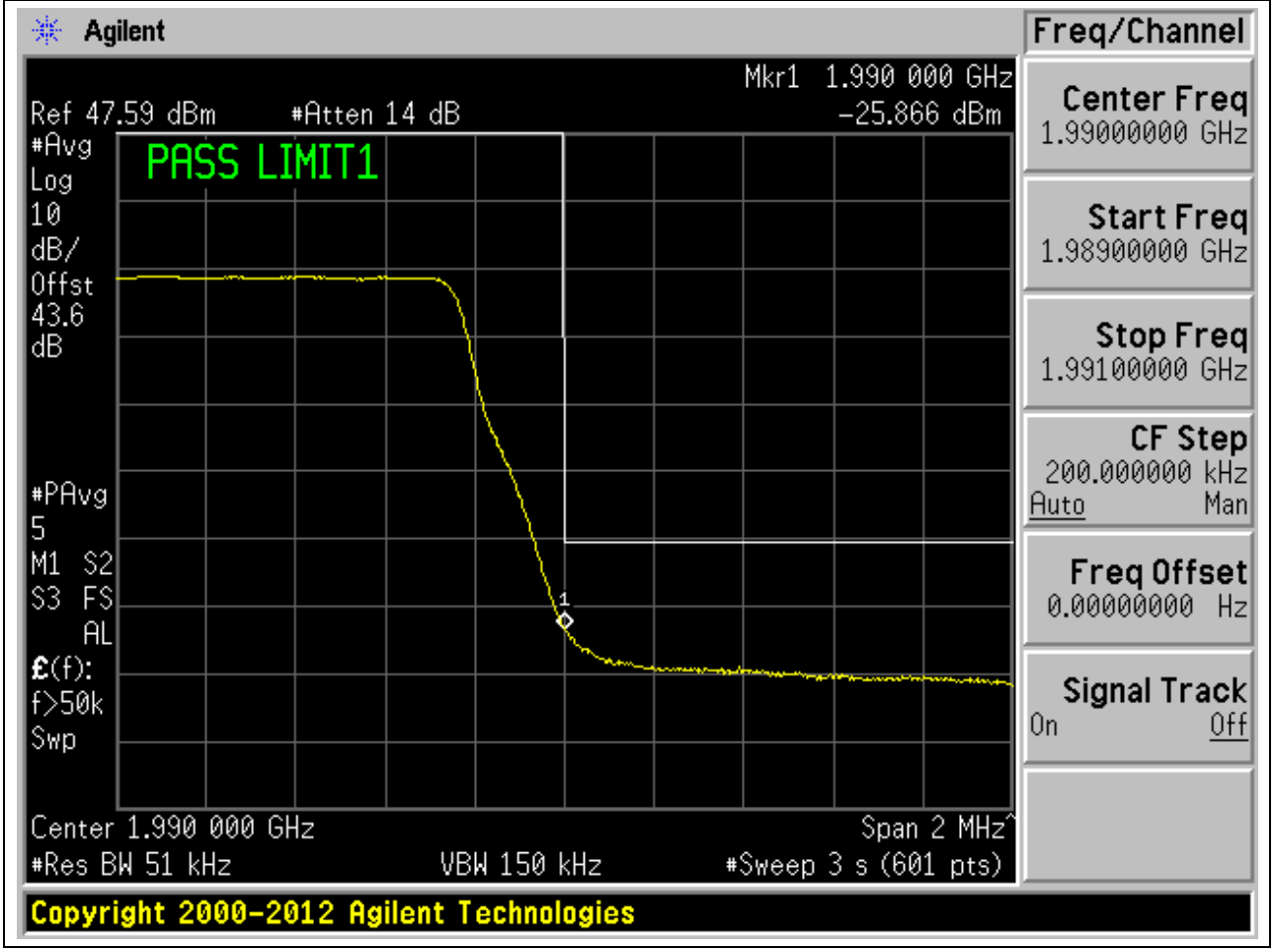
2.1.5 1L5M_TM1_B_Band2

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



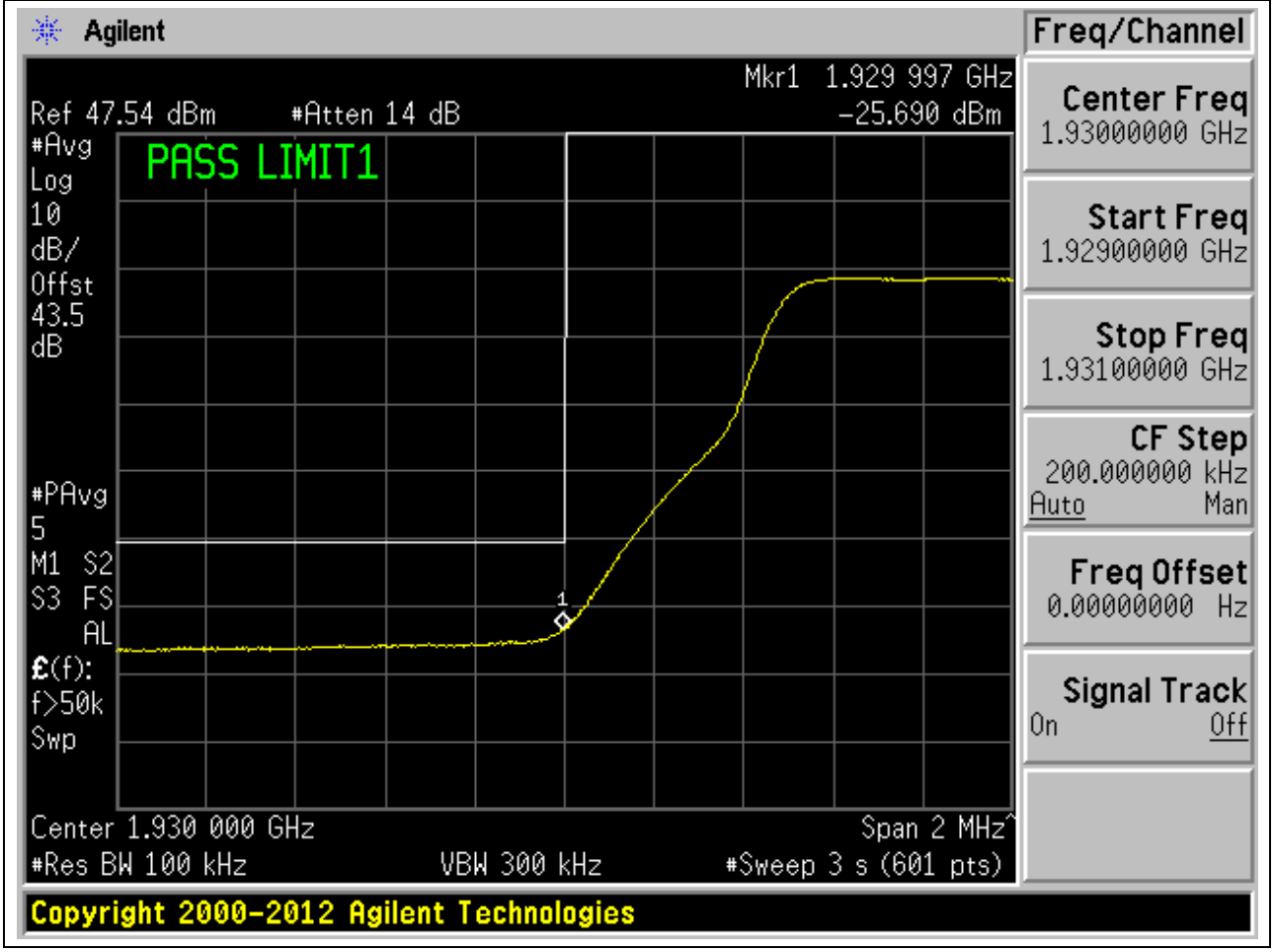
2.1.6 1L5M_TM1_T_Band2

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



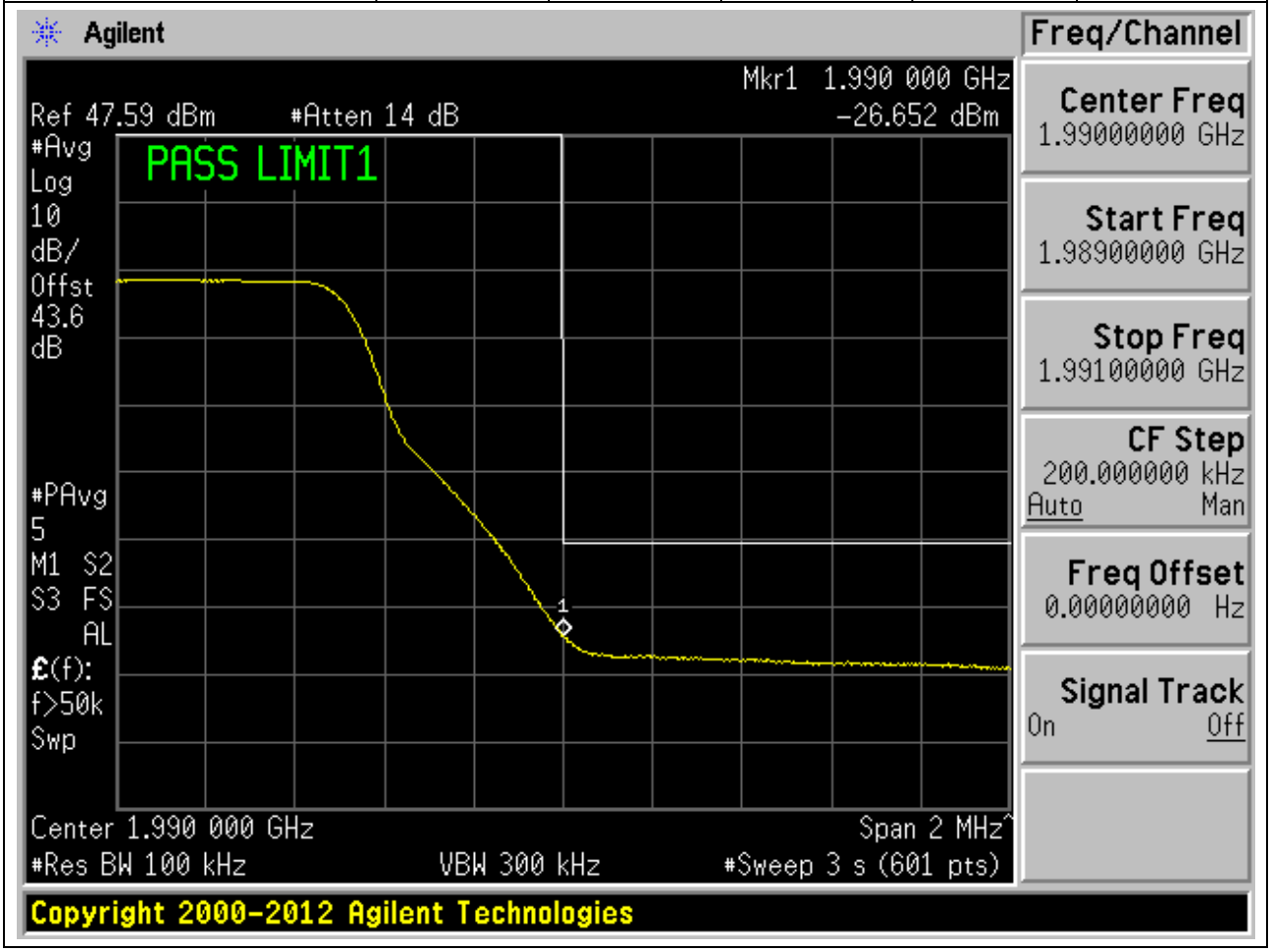
2.1.7 1L10M_TM1_B_Band2

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.1	RMS	Pass	601



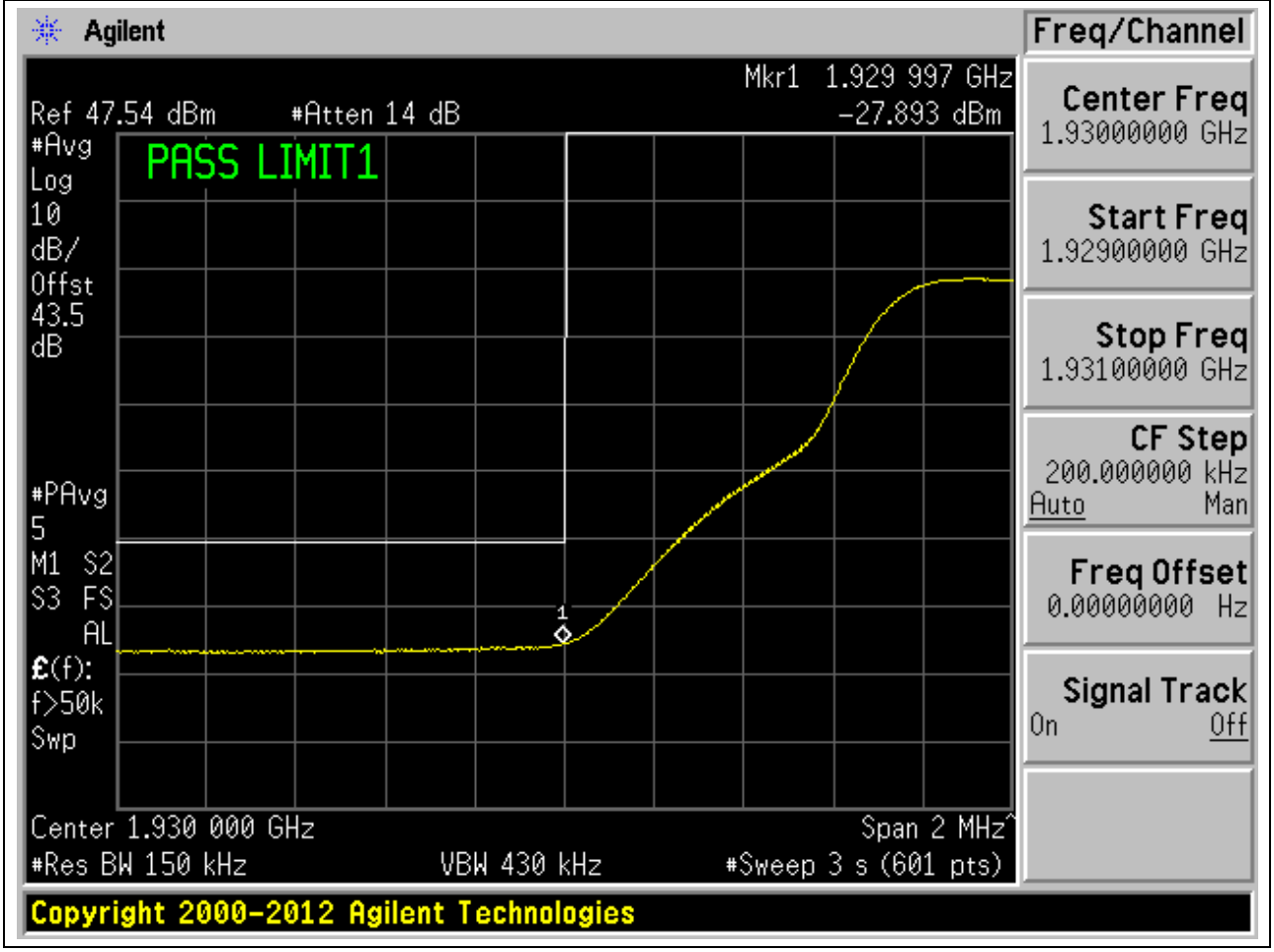
2.1.8 1L10M_TM1_T_Band2

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1990	2	0.1	RMS	Pass	601



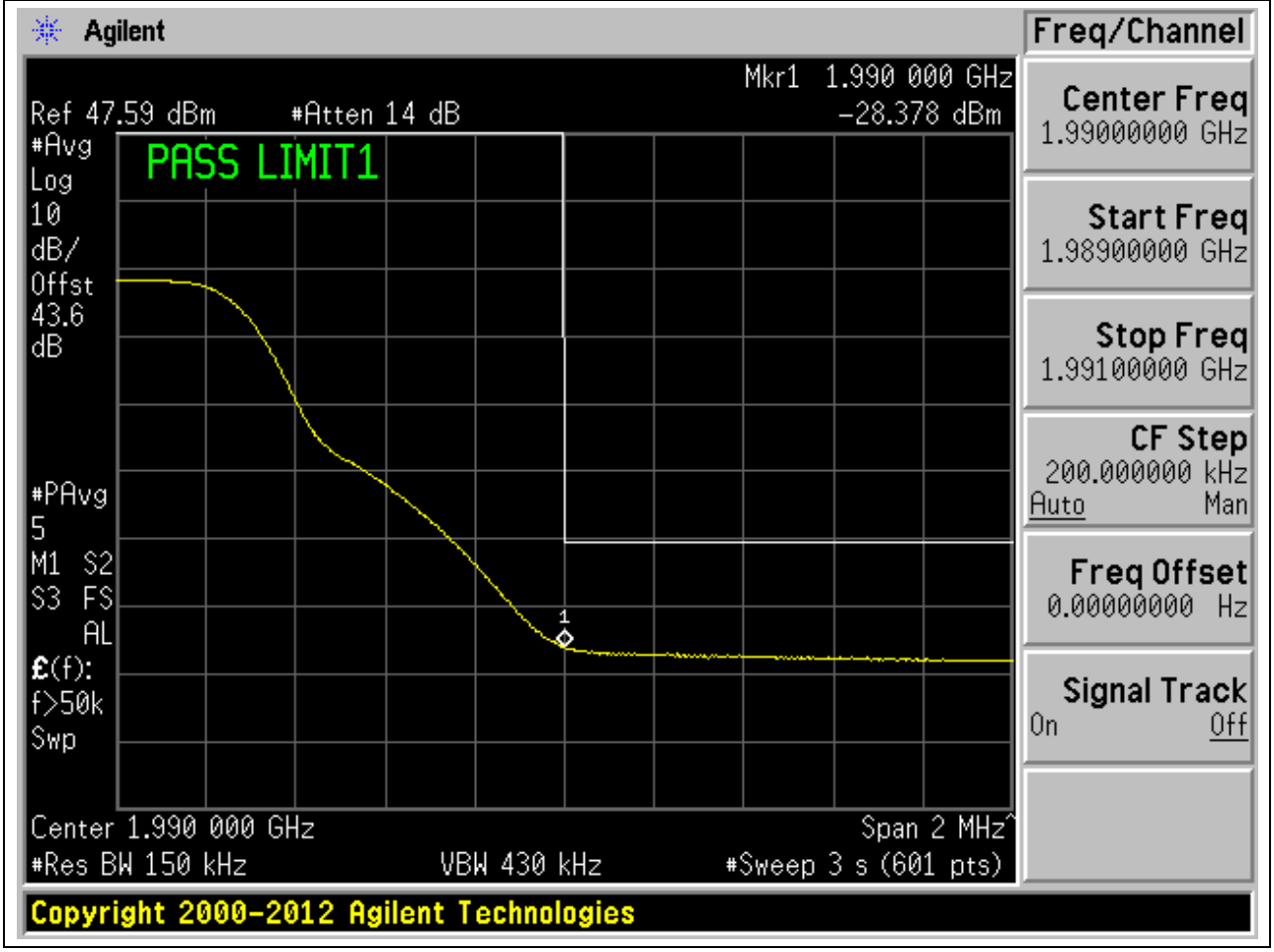
2.1.9 1L15M_TM1_B_Band2

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.15	RMS	Pass	601



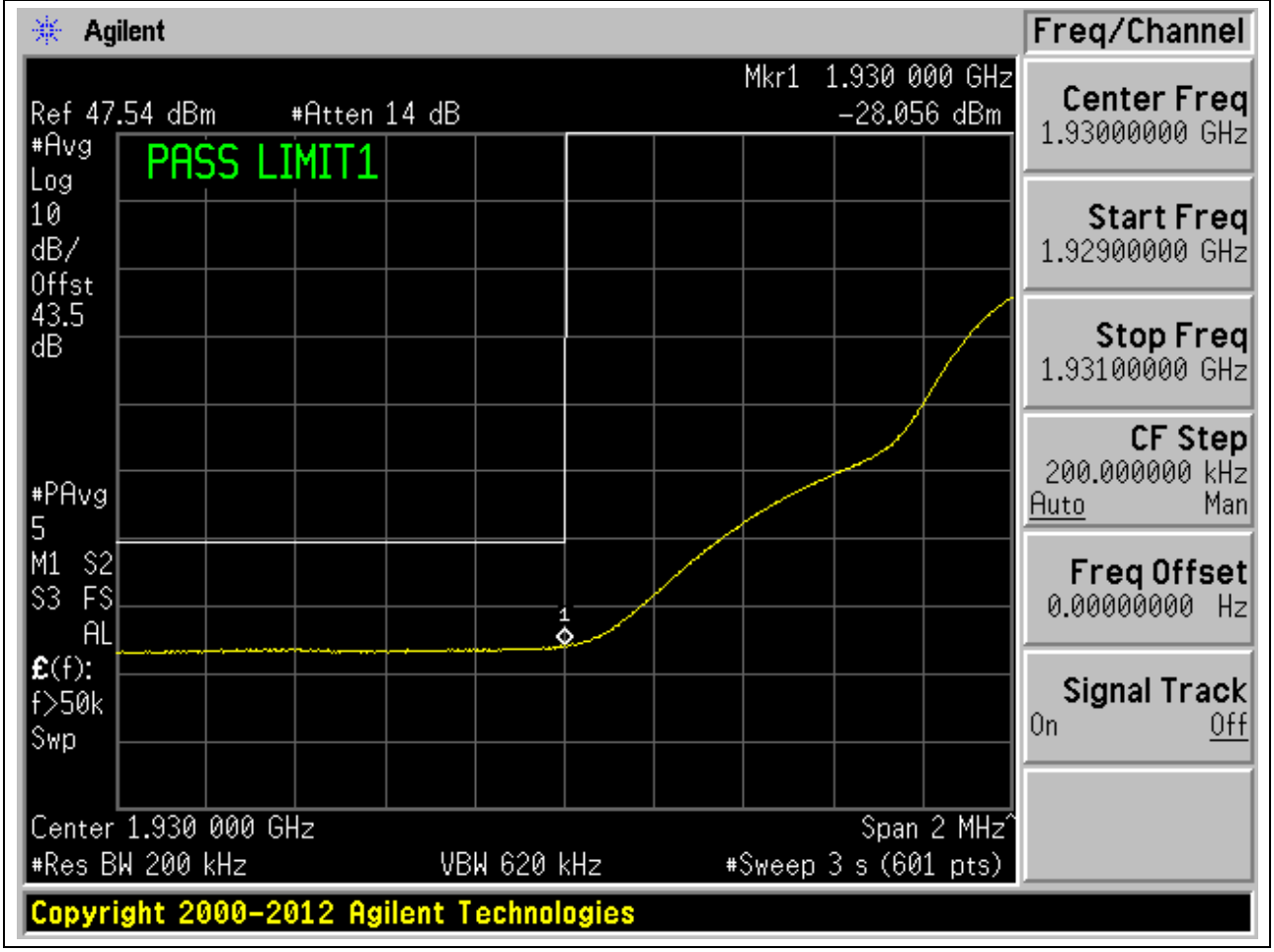
2.1.10 1L15M_TM1_T_Band2

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1990	2	0.15	RMS	Pass	601



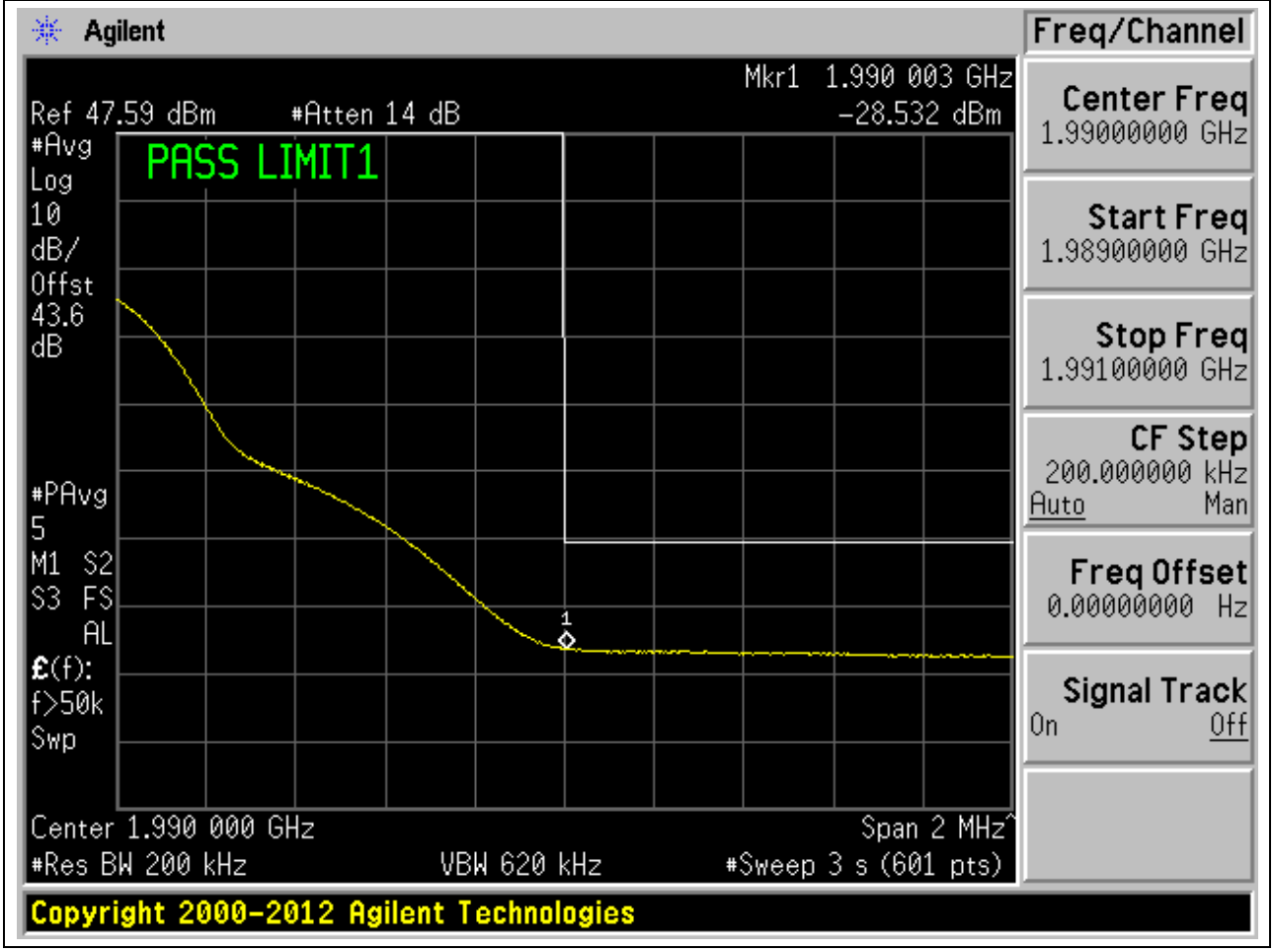
2.1.11 1L20M_TM1_B_Band2

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



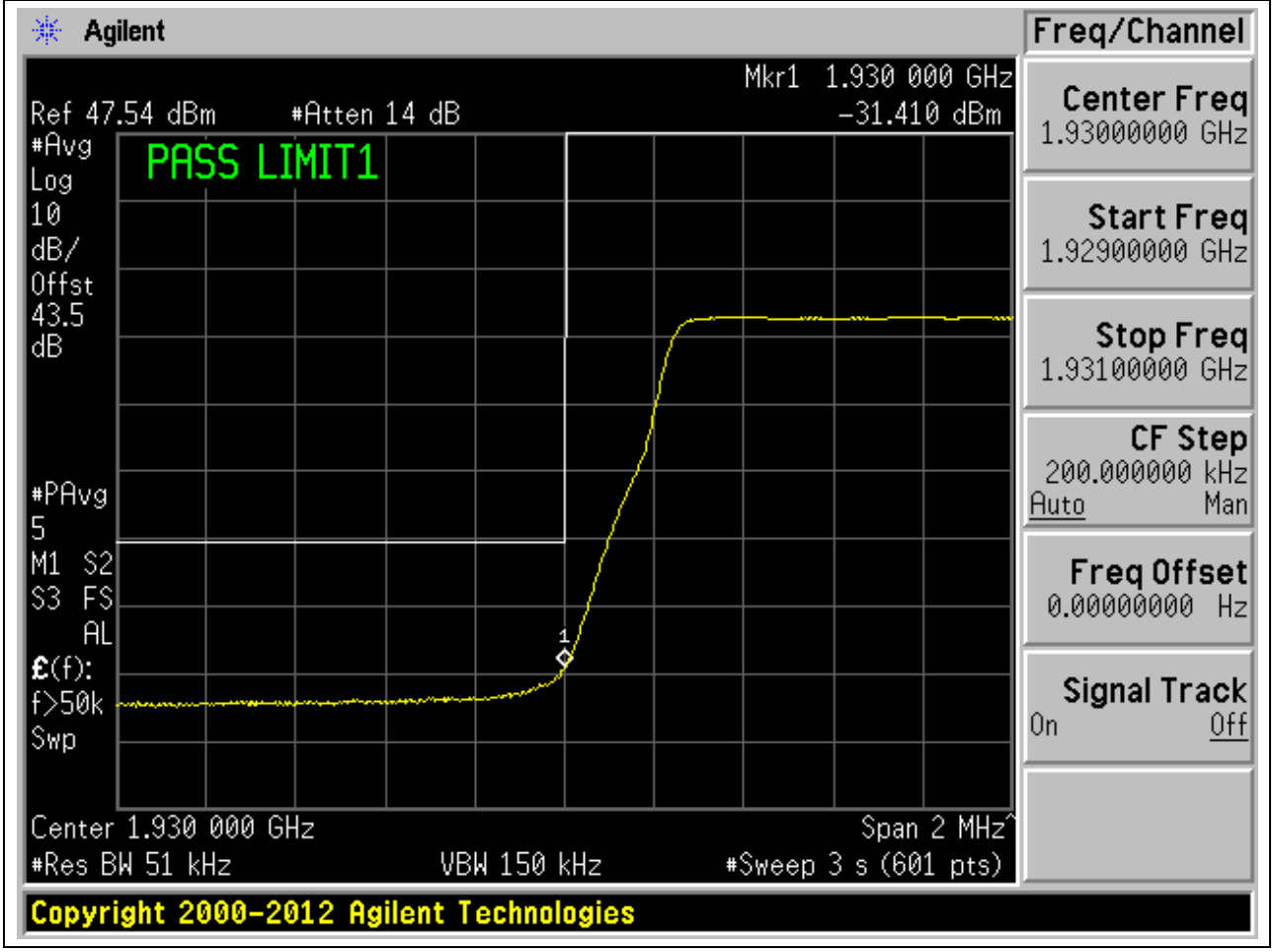
2.1.12 1L20M_TM1_T_Band2

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



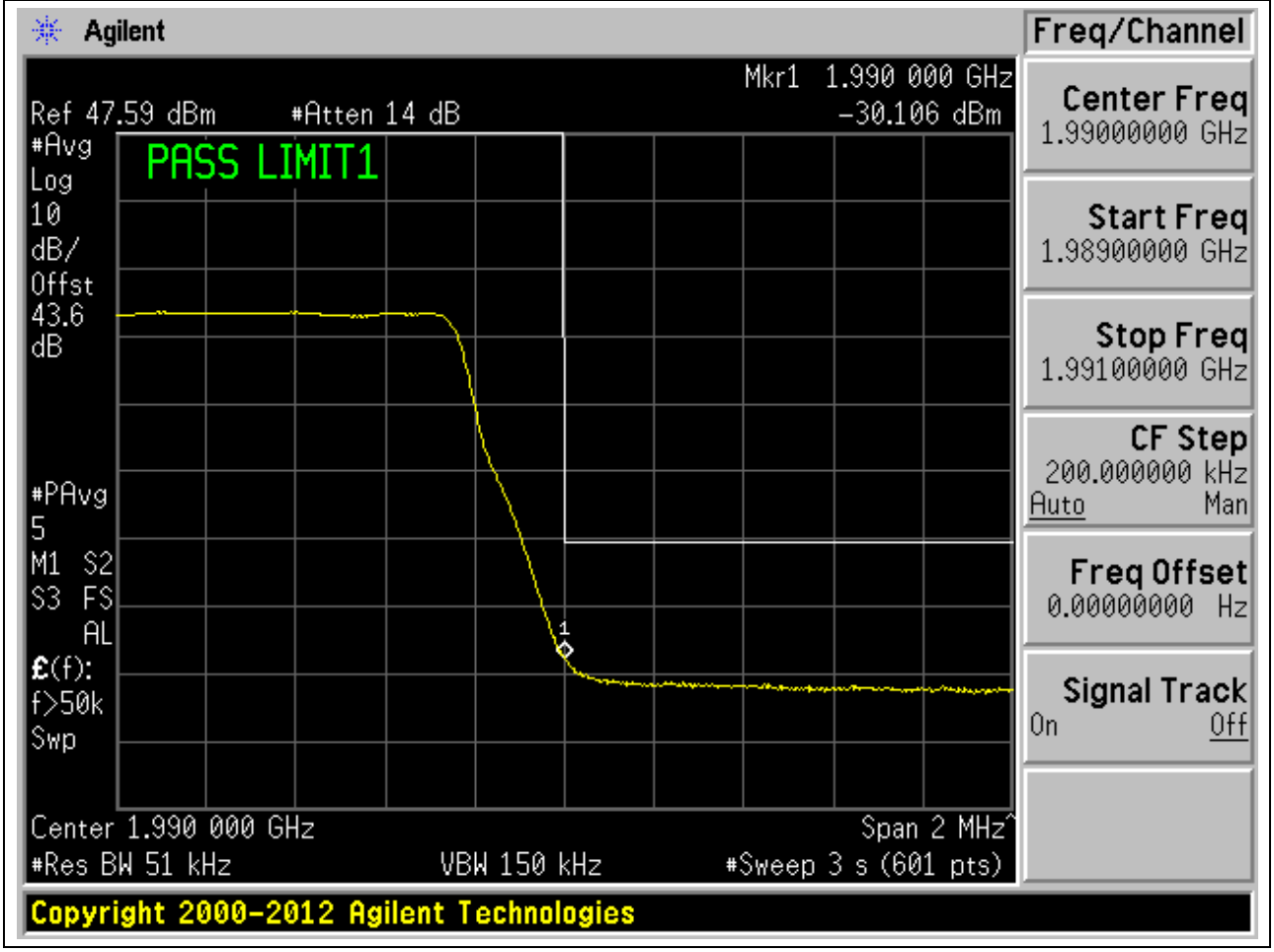
2.1.13 NTC_4L_TM1_B_Band2

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



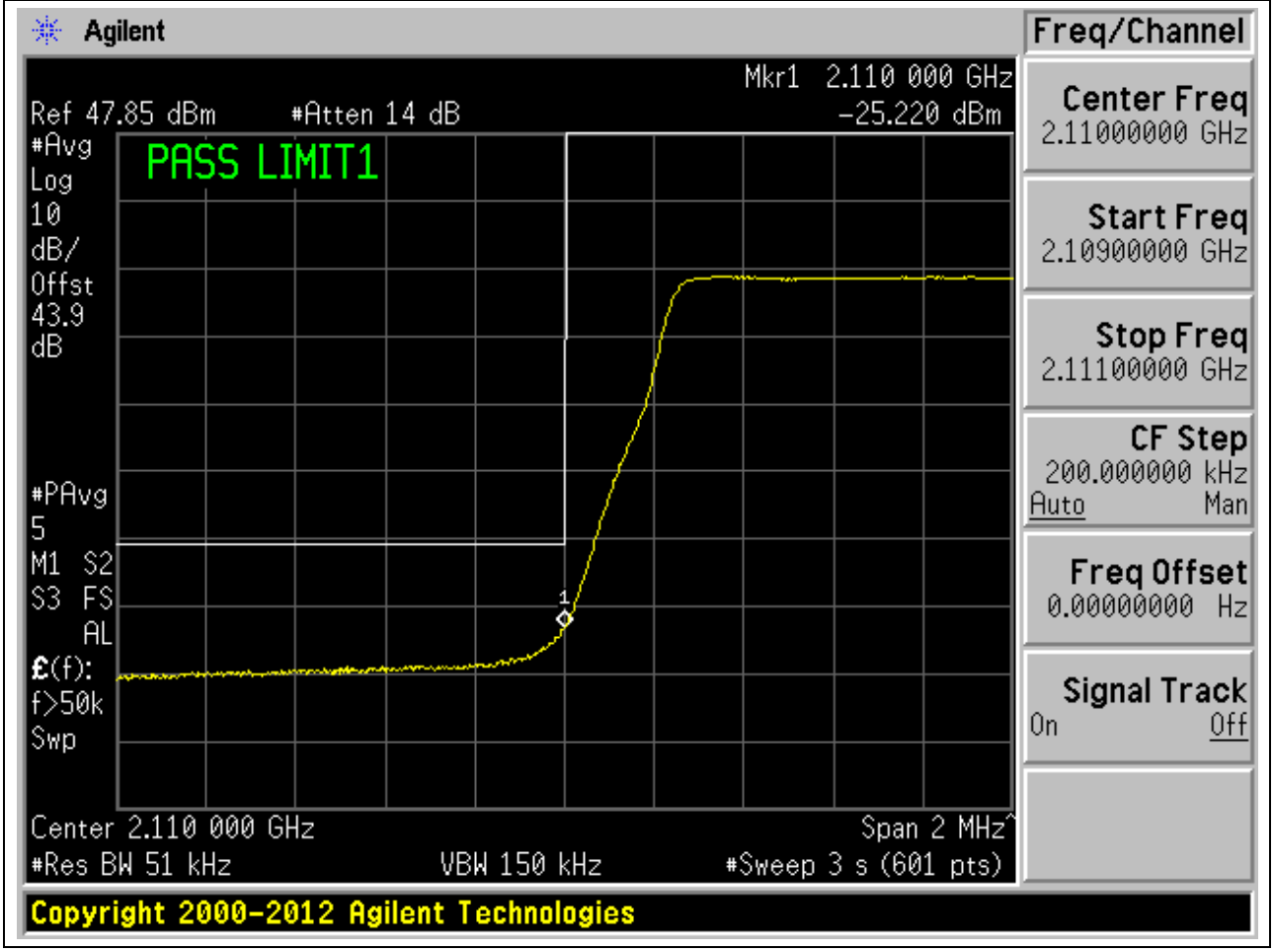
2.1.14 NTC_4L_TM1_T_Band2

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



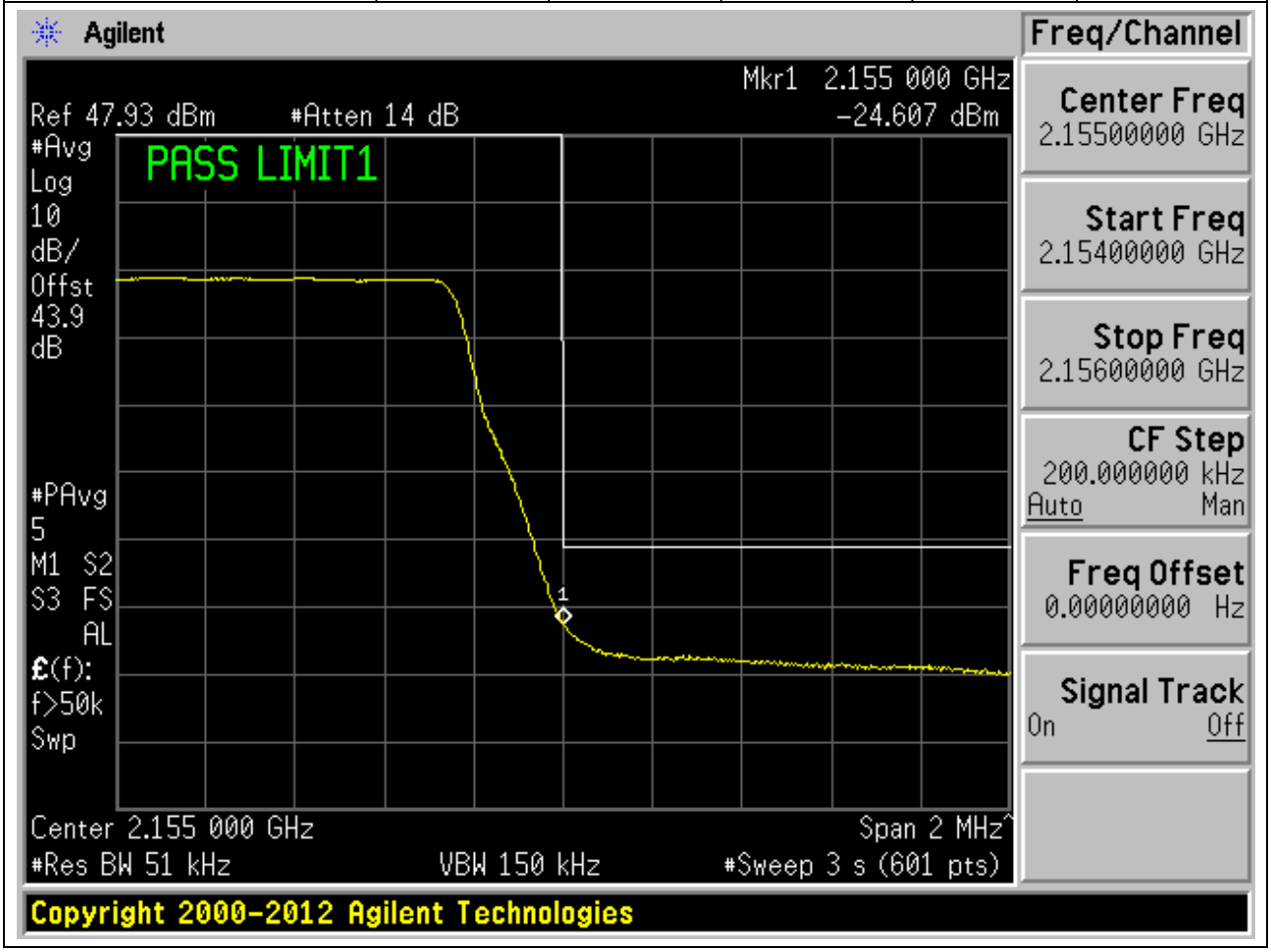
2.1.15 1L5M_TM1_B_Band4

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2110	2	0.051	RMS	Pass	601



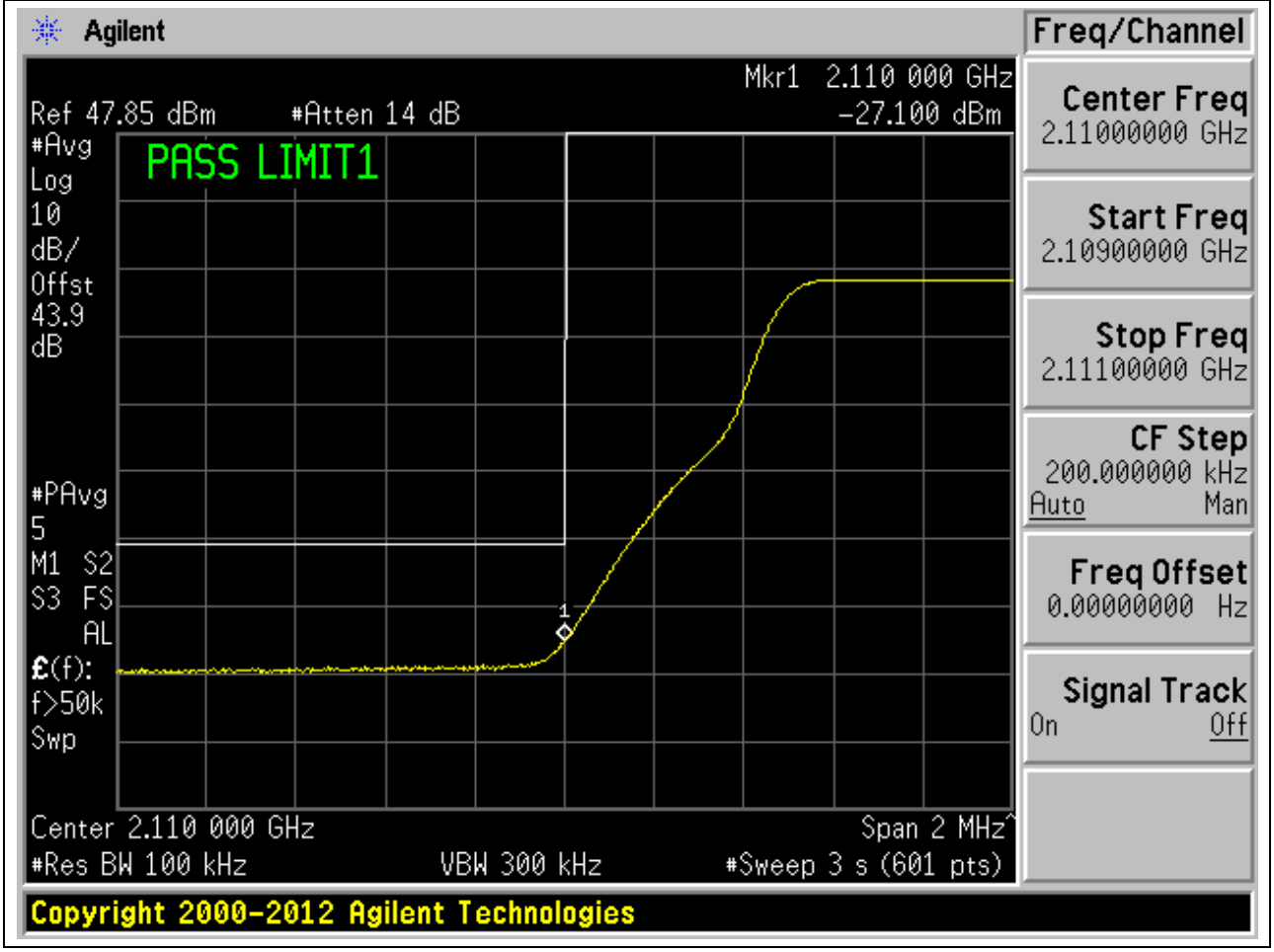
2.1.16 1L5M_TM1_T_Band4

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2155	2	0.051	RMS	Pass	601



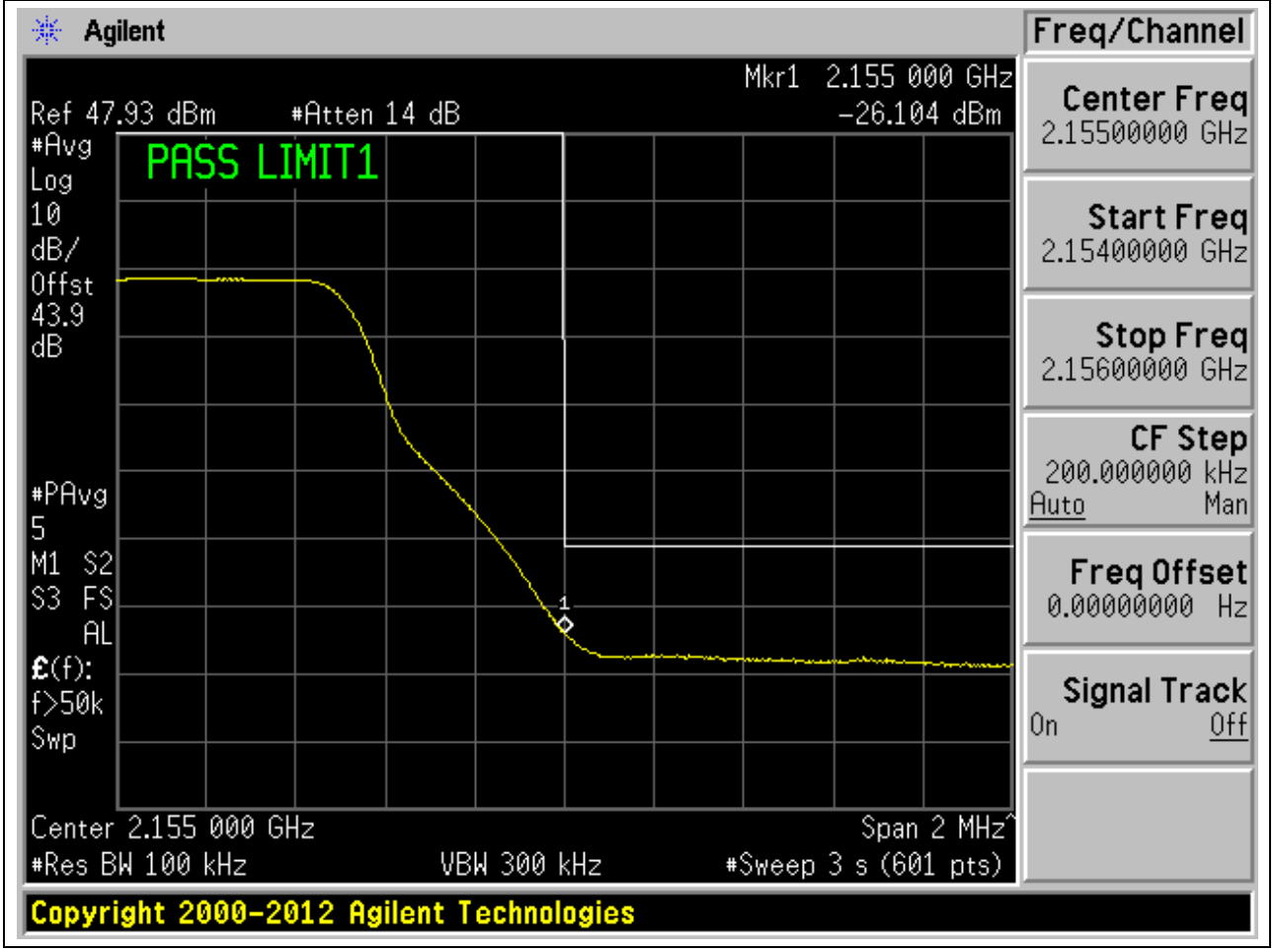
2.1.17 1L10M_TM1_B_Band4

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2110	2	0.1	RMS	Pass	601



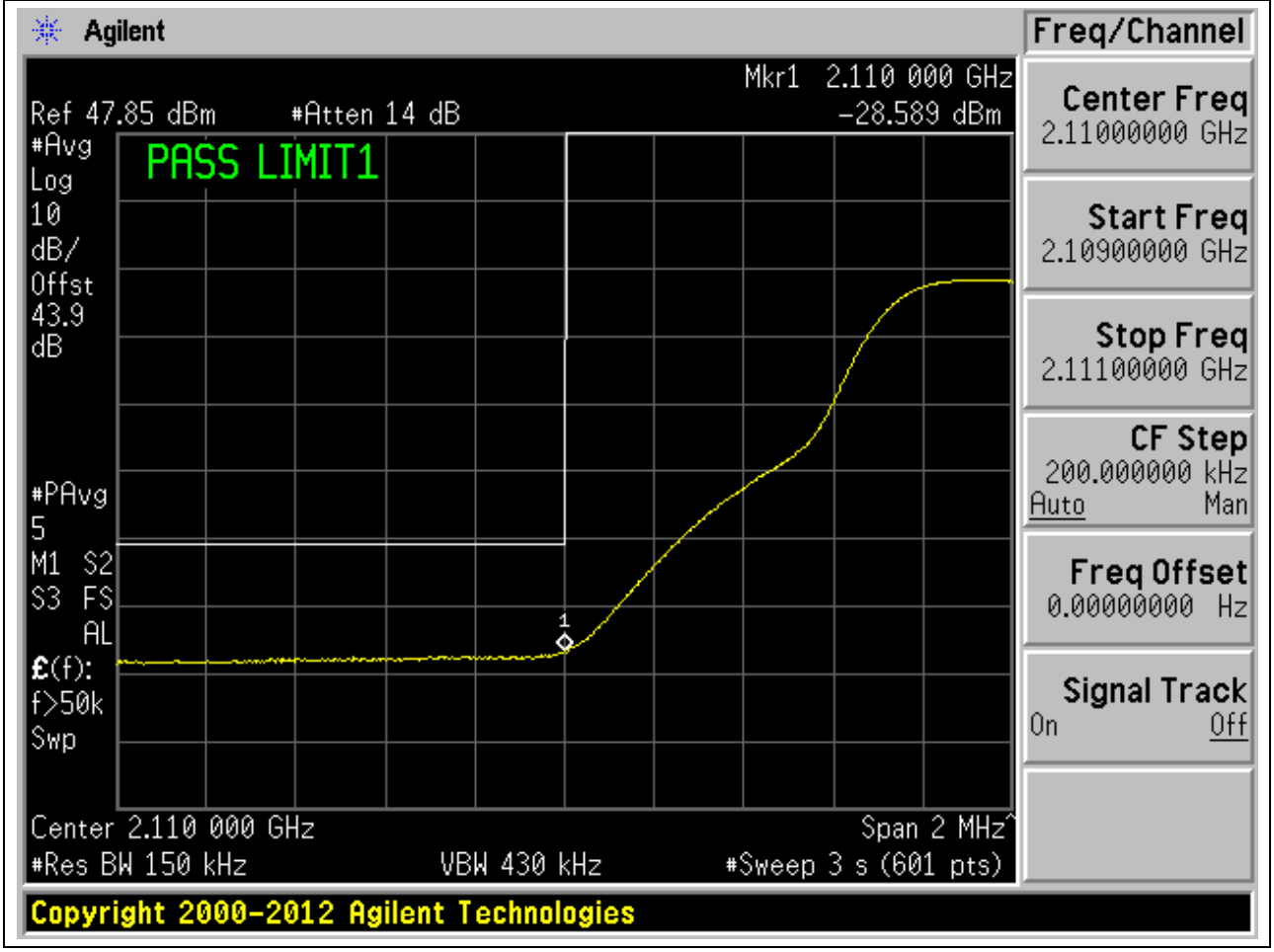
2.1.18 1L10M_TM1_T_Band4

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2155	2	0.1	RMS	Pass	601



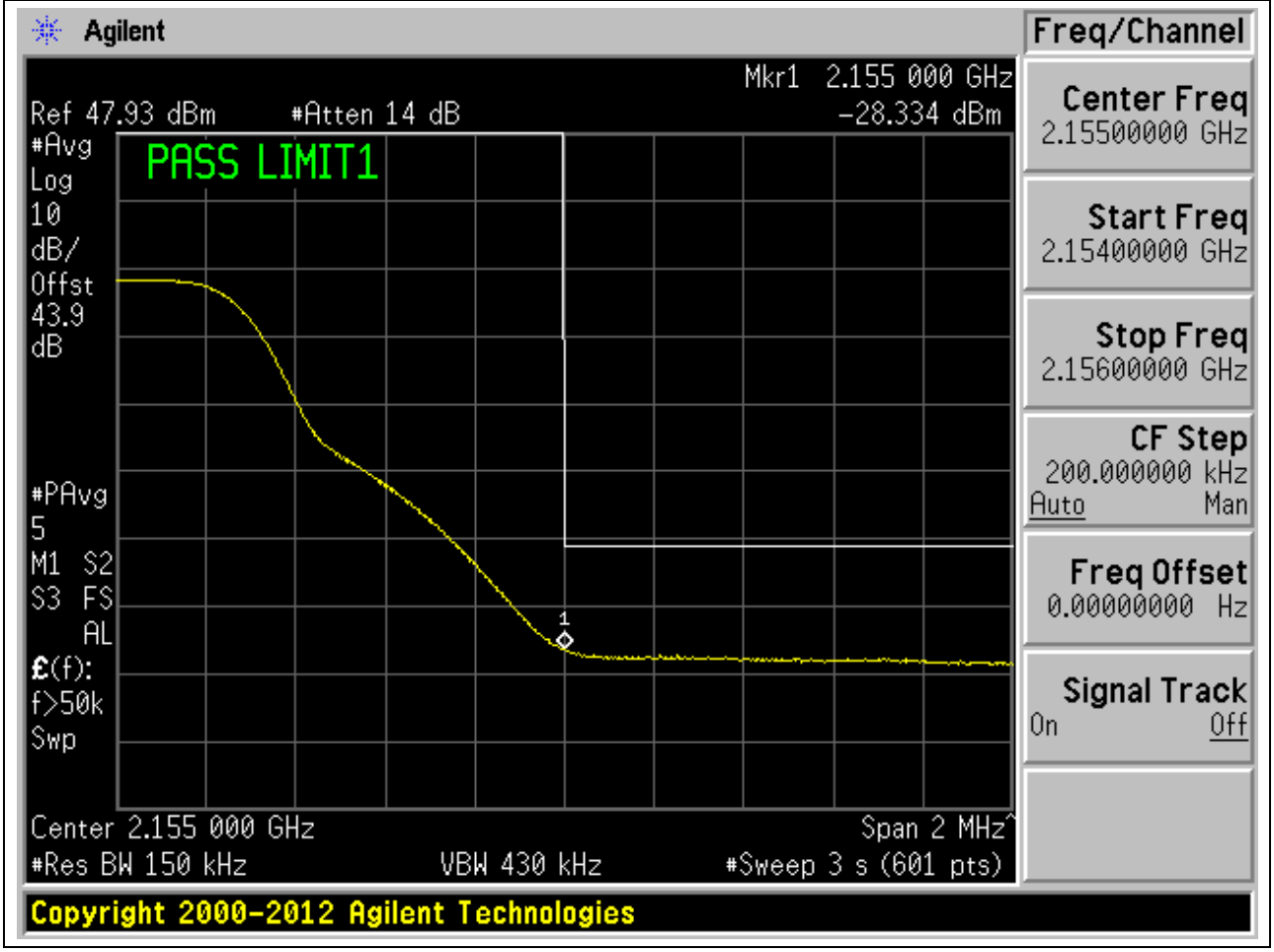
2.1.19 1L15M_TM1_B_Band4

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2110	2	0.15	RMS	Pass	601



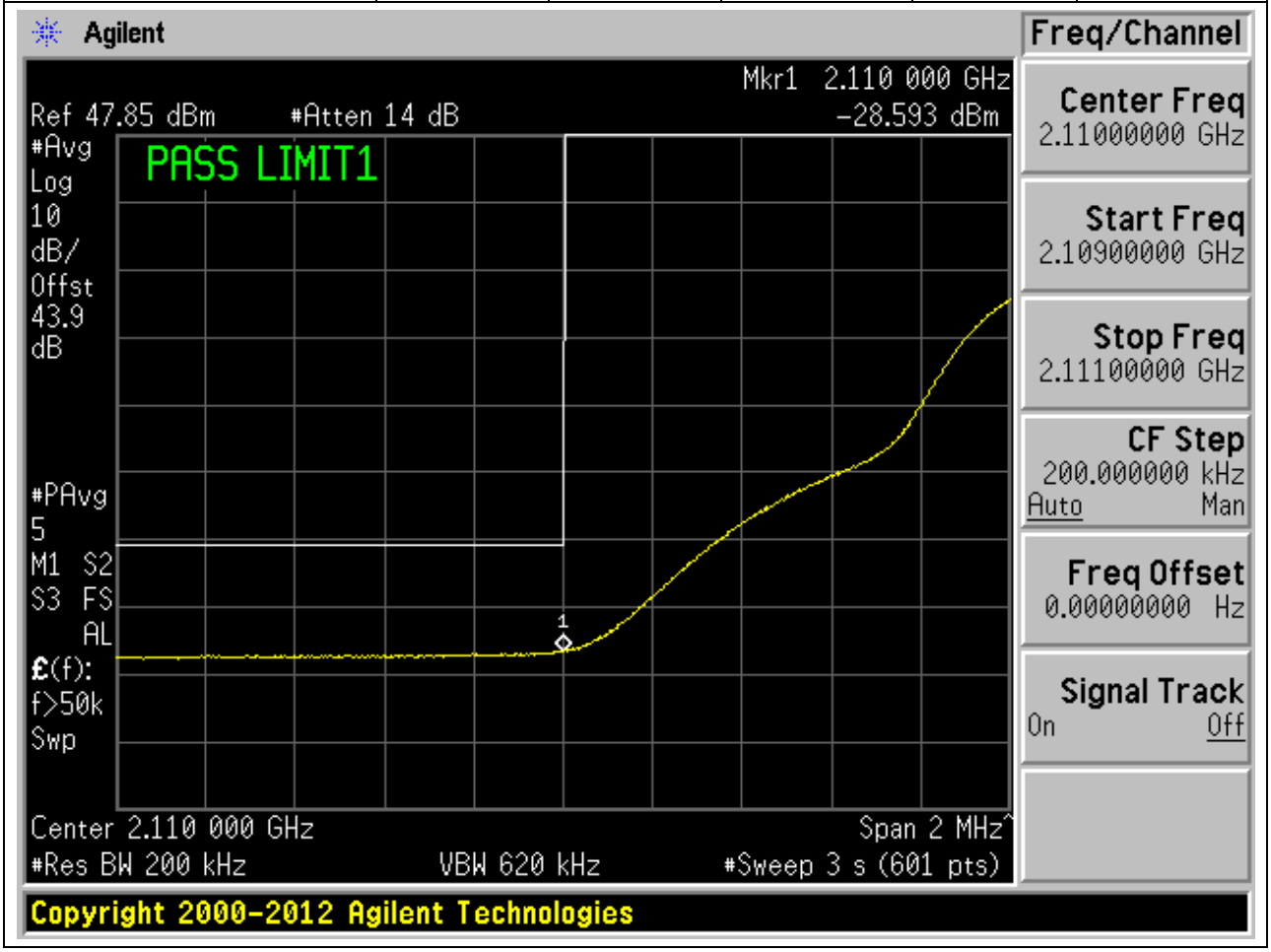
2.1.20 1L15M_TM1_T_Band4

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2155	2	0.15	RMS	Pass	601



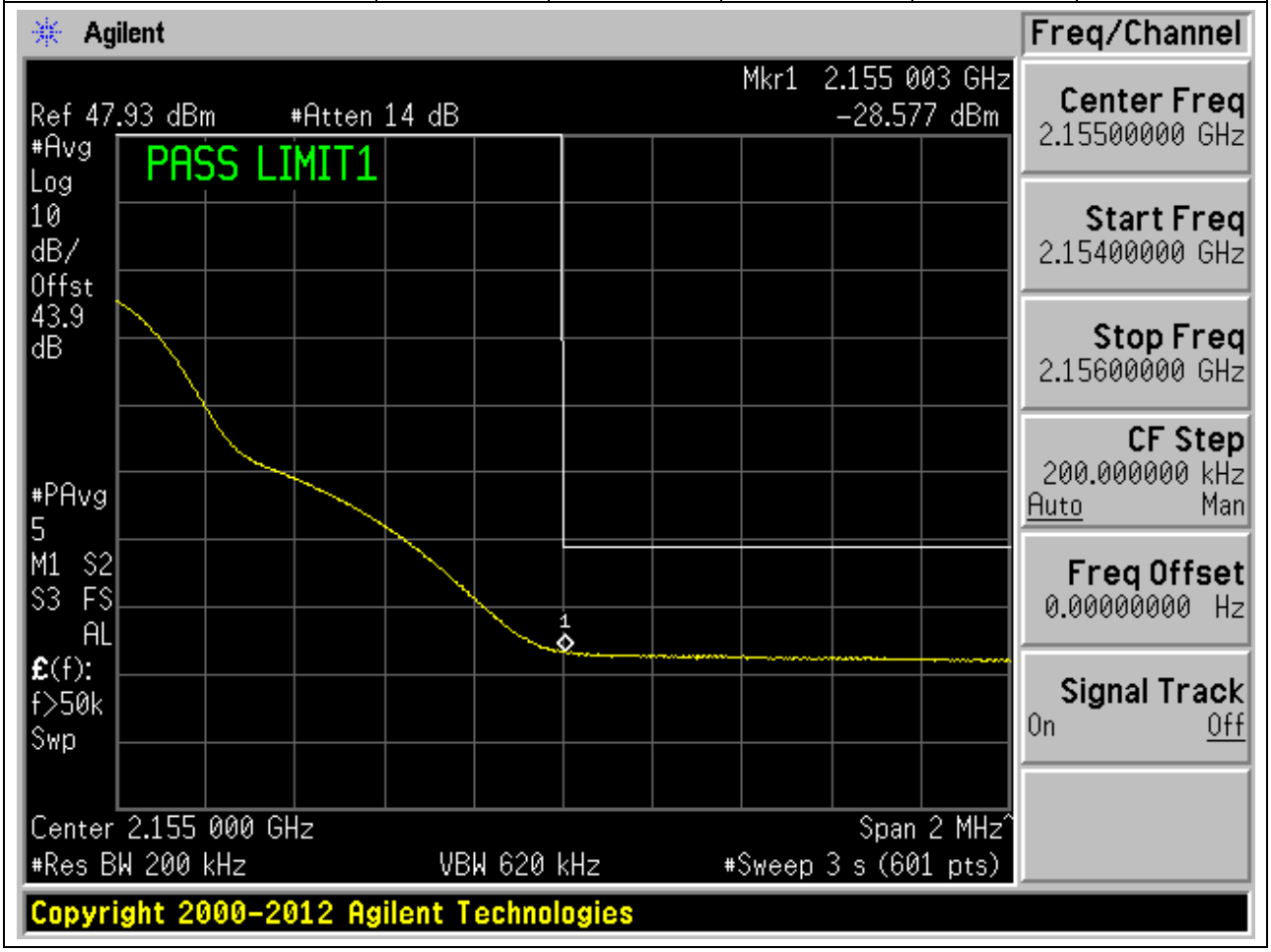
2.1.21 1L20M_TM1_B_Band4

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2110	2	0.2	RMS	Pass	601



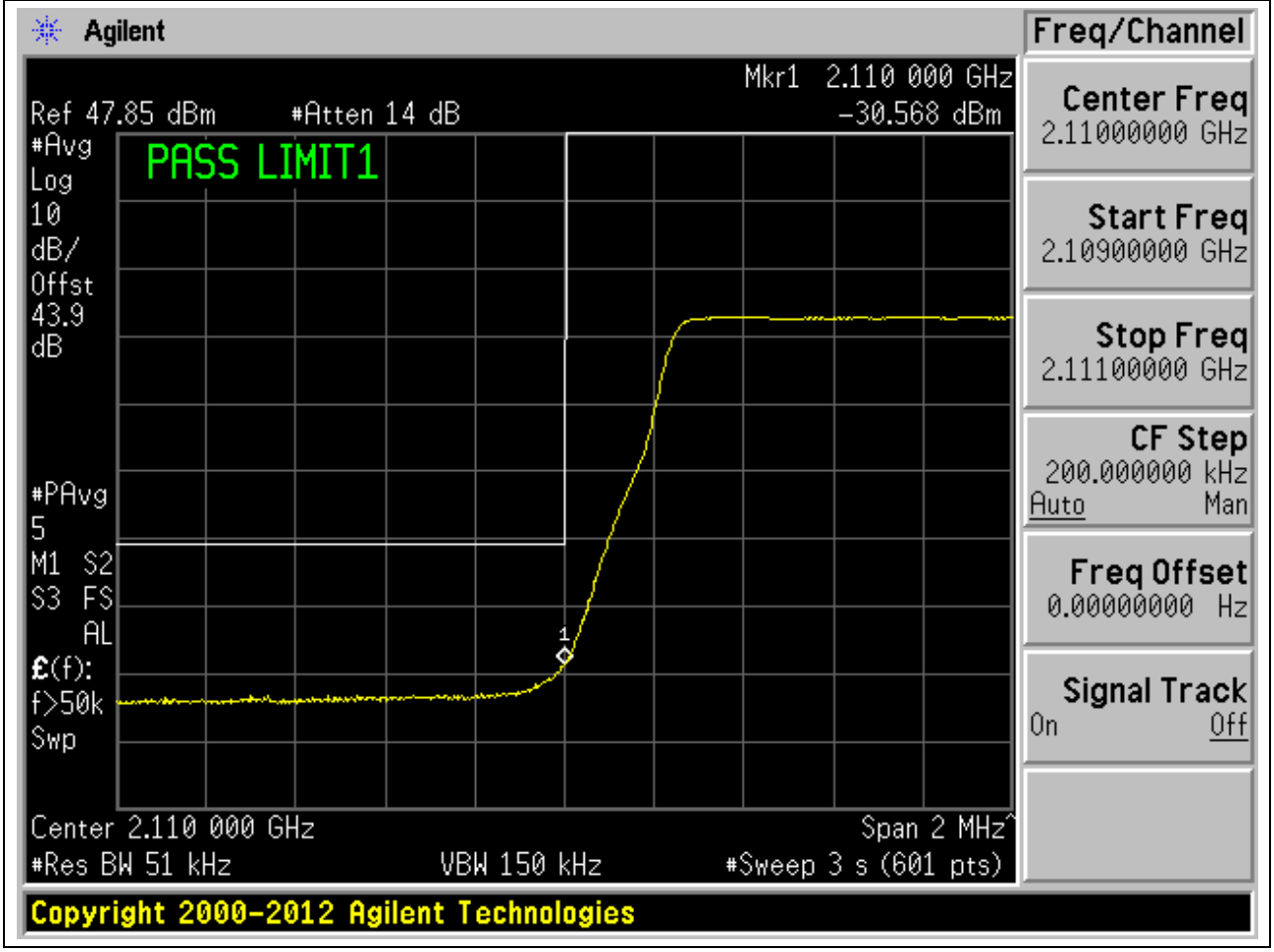
2.1.22 1L20M_TM1_T_Band4

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2155	2	0.2	RMS	Pass	601



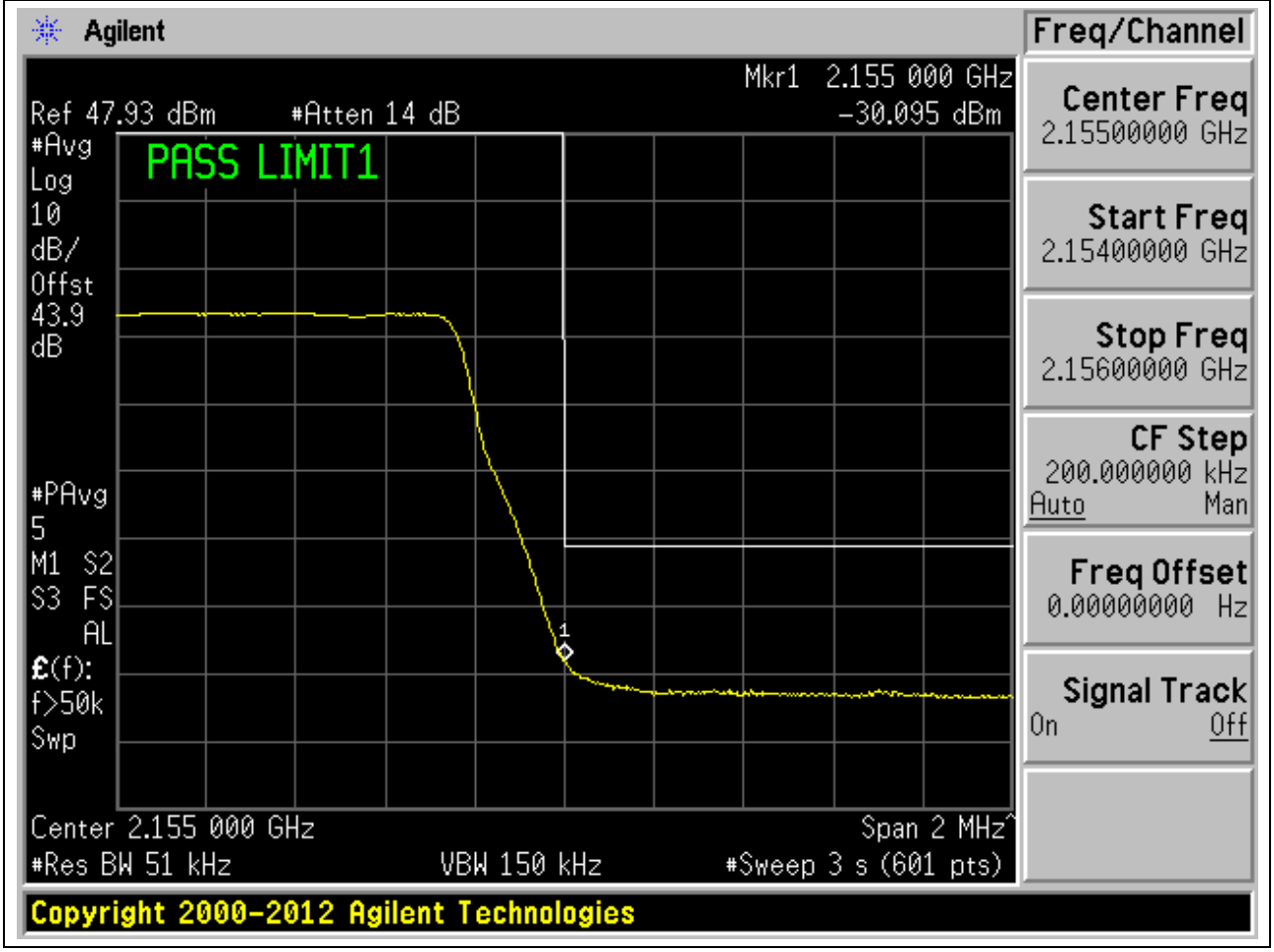
2.1.23 NTC_4L_TM1_B_Band4

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2110	2	0.051	RMS	Pass	601



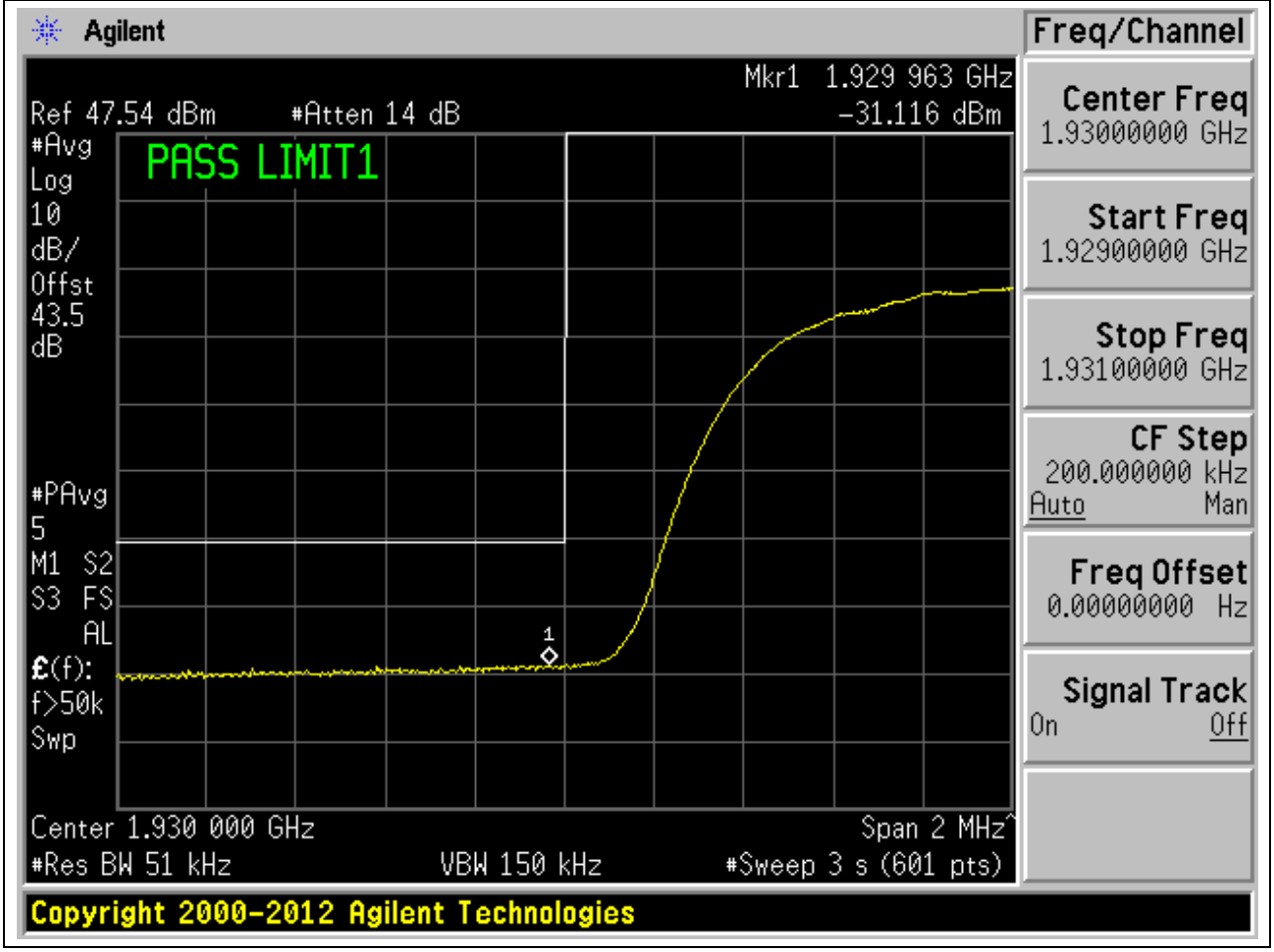
2.1.24 NTC_4L_TM1_T_Band4

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2155	2	0.051	RMS	Pass	601



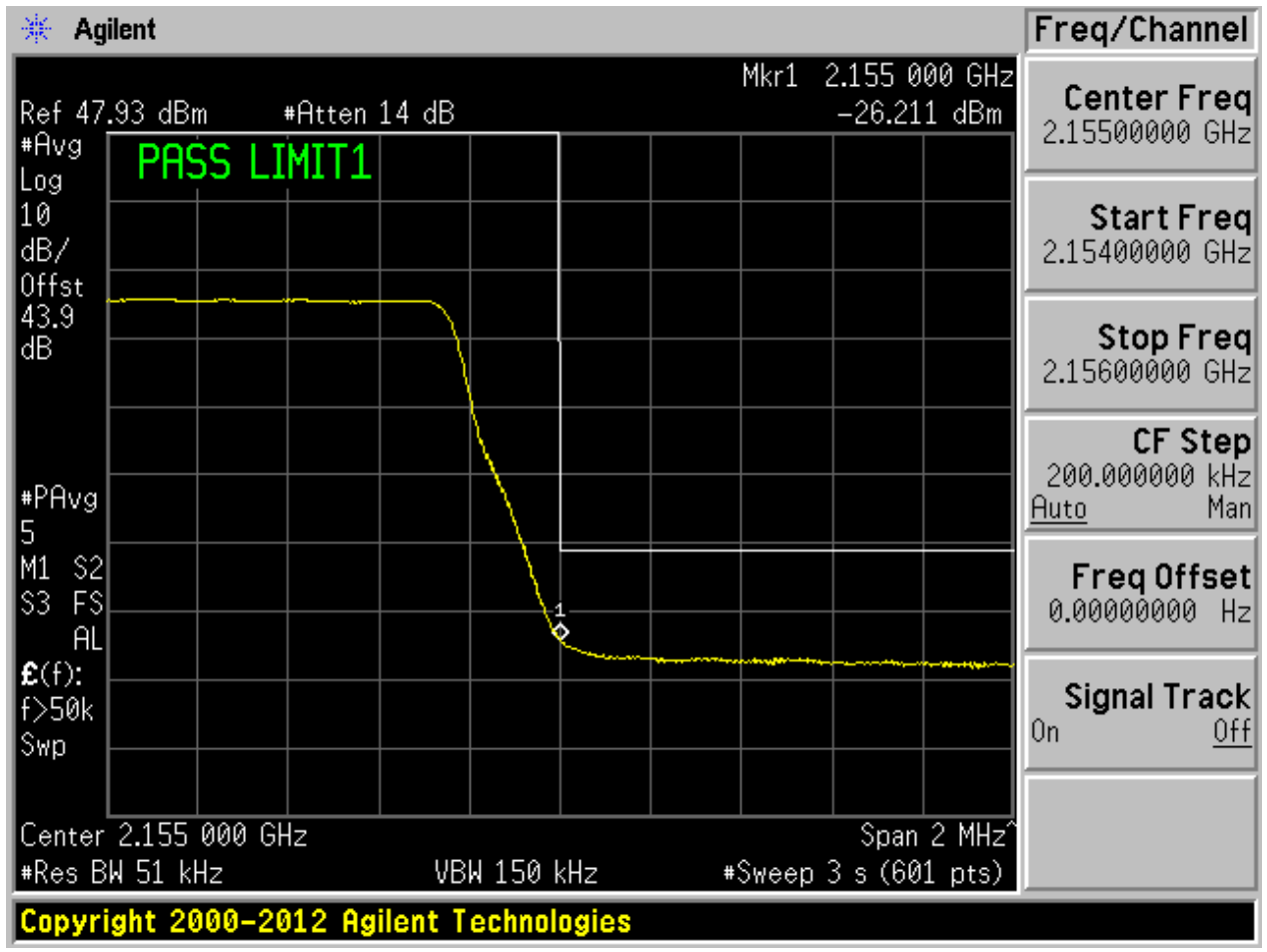
2.1.25 1U_B_band2+1L_T_band4

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



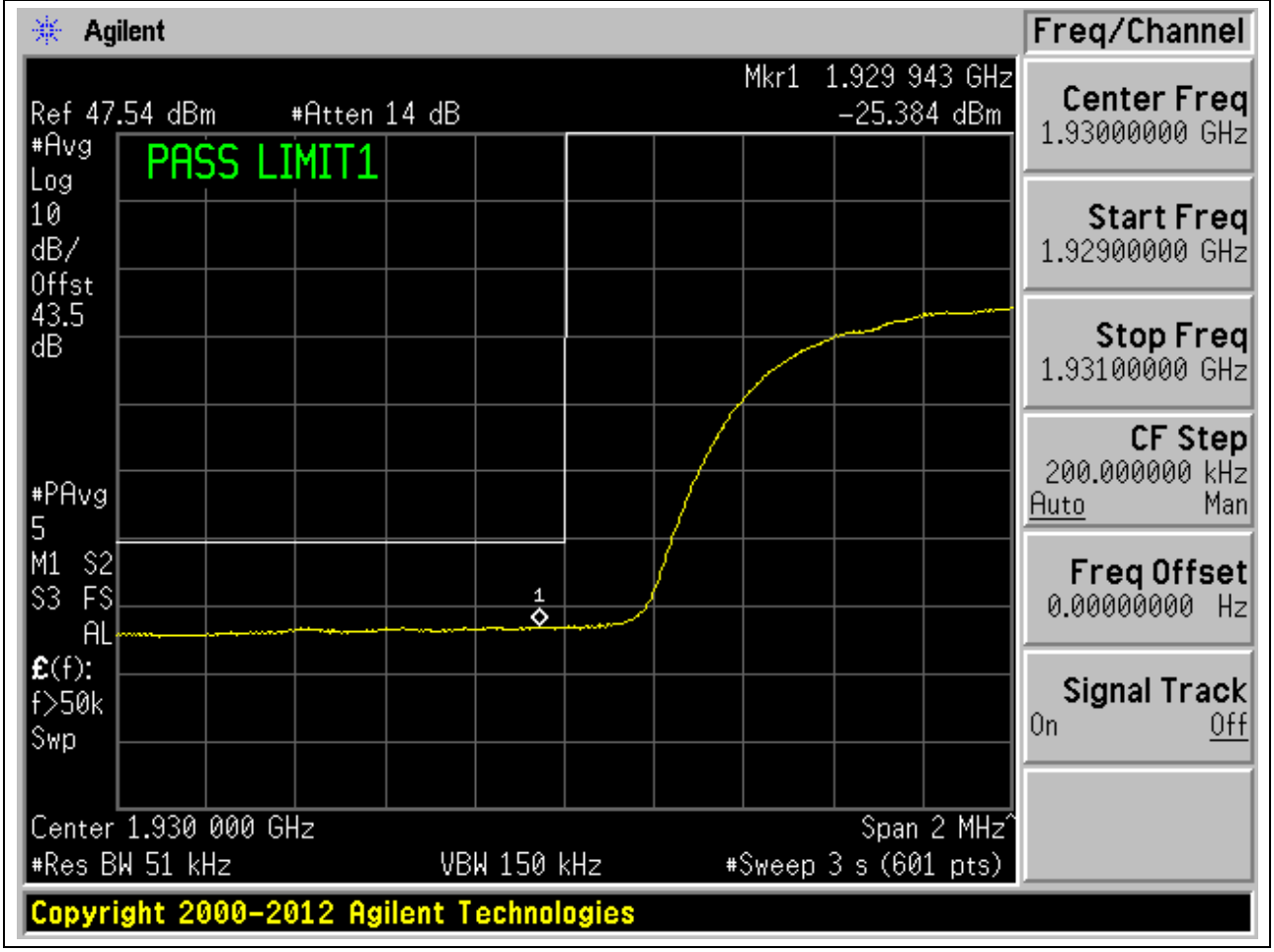
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
2155	2	0.051	RMS	Pass	601

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



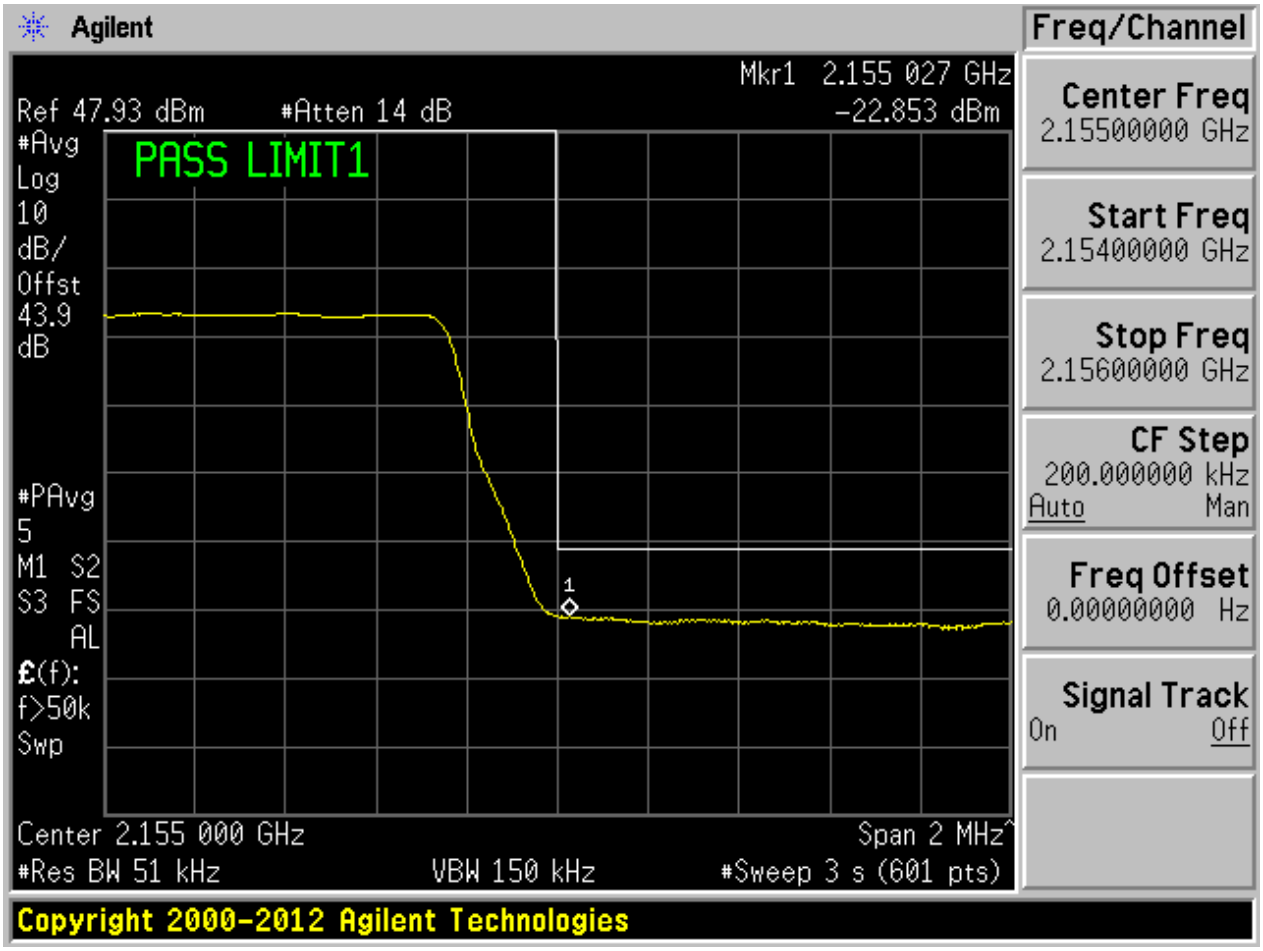
2.1.26 NTC_1U1L_B_band2+NTC_2L_T_band4

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
2155	2	0.051	RMS	Pass	601

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



Appendix D: Spurious Emission at Antenna Terminals

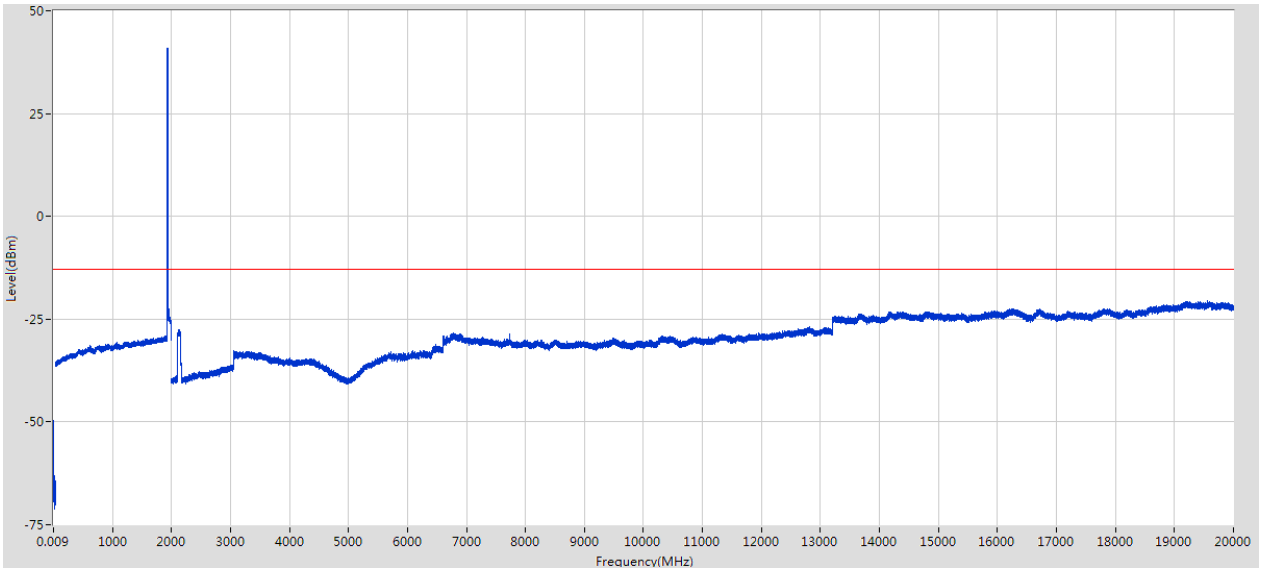
1 Result Table

EUT Conf.	Verdict
1U_TM1_B_Band2	Pass
1U_TM1_M_Band2	Pass
1U_TM1_T_Band2	Pass
NTC_4U_TM1_B_Band2	Pass
NTC_4U_TM1_T _Band2	Pass
1L5M_TM1_B_Band2	Pass
1L5M_TM1_M_Band2	Pass
1L5M_TM1_T_Band2	Pass
1L20M_TM1_B_Band2	Pass
1L20M_TM1_M_Band2	Pass
1L20M_TM1_T_Band2	Pass
NTC_4L_TM1_B_Band2	Pass
NTC_4L_TM1_T _Band2	Pass
1L5M_TM1_B_Band4	Pass
1L5M_TM1_M_Band4	Pass
1L5M_TM1_T_Band4	Pass
1L20M_TM1_B_Band4	Pass
1L20M_TM1_M_Band4	Pass
1L20M_TM1_T_Band4	Pass
NTC_4L_TM1_B_Band4	Pass
NTC_4L_TM1_T _Band4	Pass
1U_B_band2+1L_T_band4	Pass
NTC_1U1L_B_band2+NTC_2L_T_band4	Pass

2 Test Plot

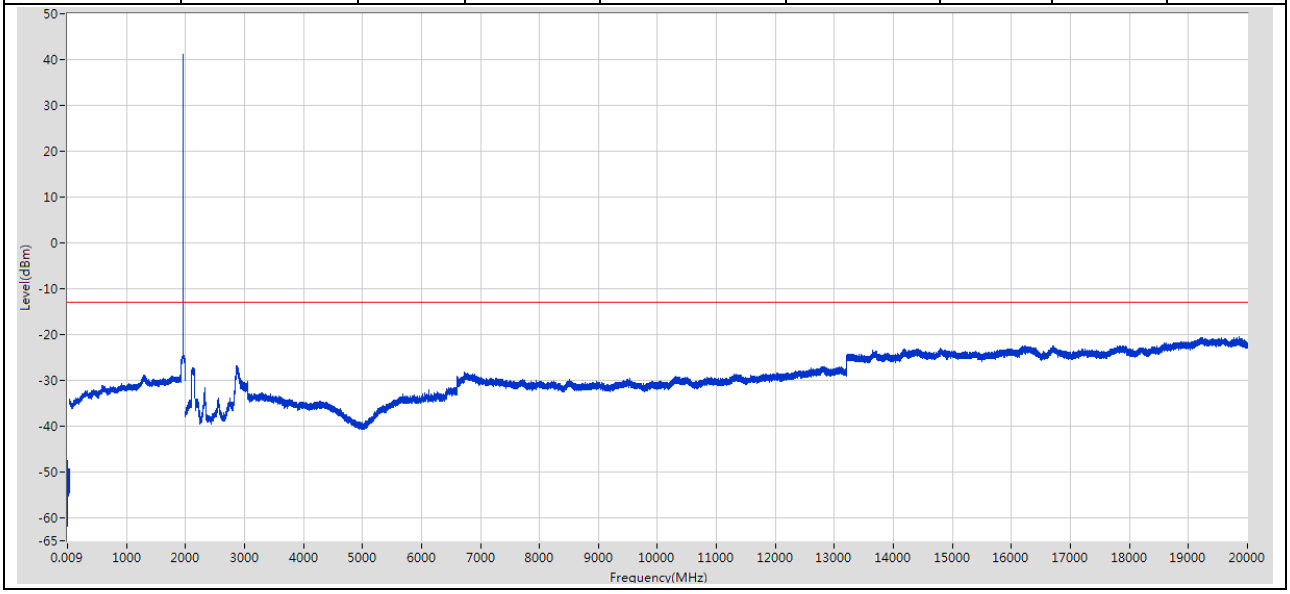
2.1.1 1U_TM1_B_Band2

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	64.679 k	-49.66	-13	Pass	705
0.15	30	0.01	RMS	166.002 k	-52.7	-13	Pass	14925
30	2000	1	RMS	1933.159686 M	40.94	-13	Fail	9850
2000	20000	1	RMS	19563.946033 M	-20.58	-13	Pass	90000



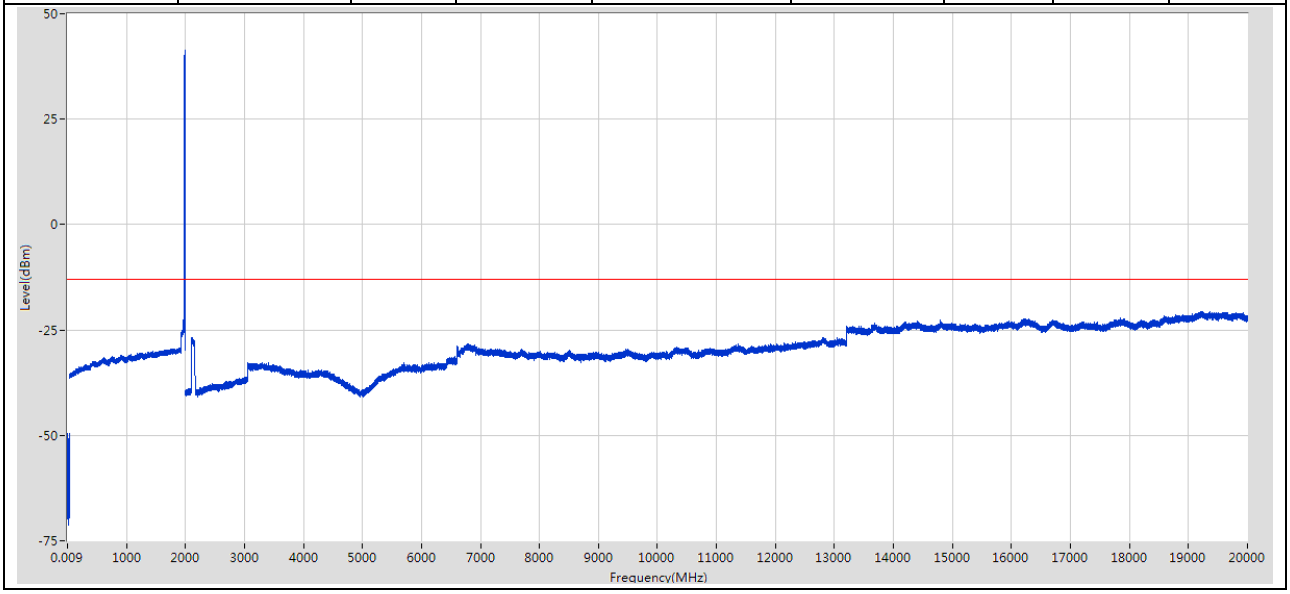
2.1.2 1U_TM1_M_Band2

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	64.879 k	-49.25	-13	Pass	705
0.15	30	0.01	RMS	162.001 k	-47.44	-13	Pass	14925
30	2000	1	RMS	1960.776343 M	41.11	-13	Fail	9850
2000	20000	1	RMS	19856.9823 M	-20.47	-13	Pass	90000



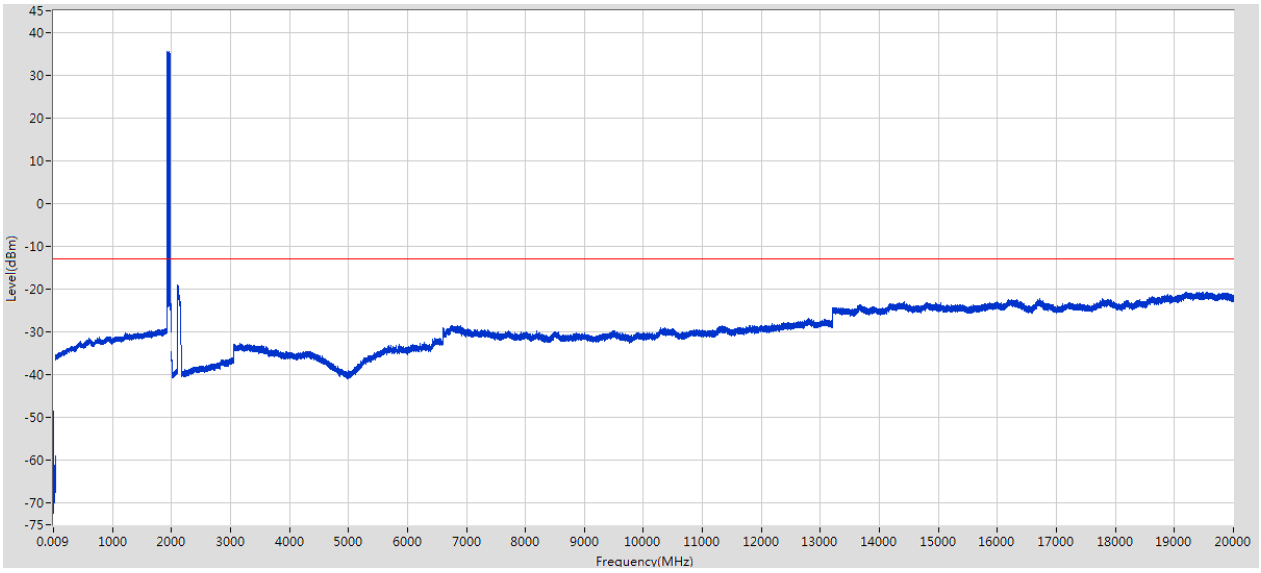
2.1.3 1U_TM1_T_Band2

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	65.08 k	-49.61	-13	Pass	705
0.15	30	0.01	RMS	26.921543 M	-49.63	-13	Pass	14925
30	2000	1	RMS	1986.792034 M	41.3	-13	Fail	9850
2000	20000	1	RMS	19207.501919 M	-20.67	-13	Pass	90000



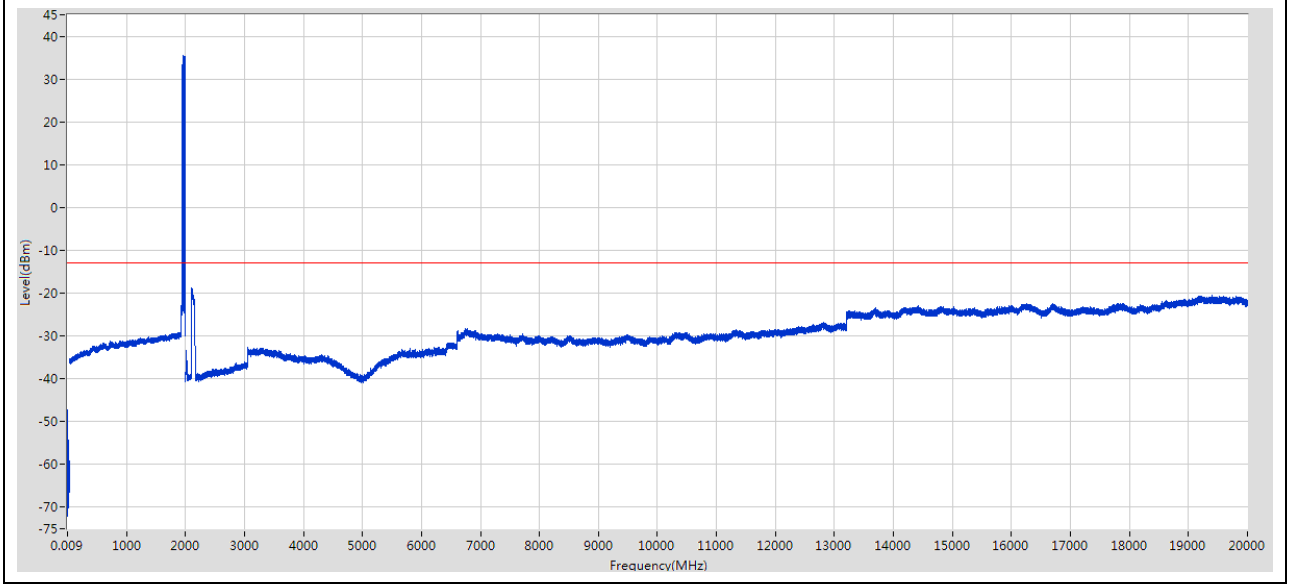
2.1.4 NTC_4U_TM1_B_Band2

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	64.879 k	-48.58	-13	Pass	705
0.15	30	0.01	RMS	3.842451 M	-52.18	-13	Pass	14925
30	2000	1	RMS	1967.580447 M	35.57	-13	Fail	9850
2000	20000	1	RMS	2105.612892 M	-19.02	-13	Pass	90000



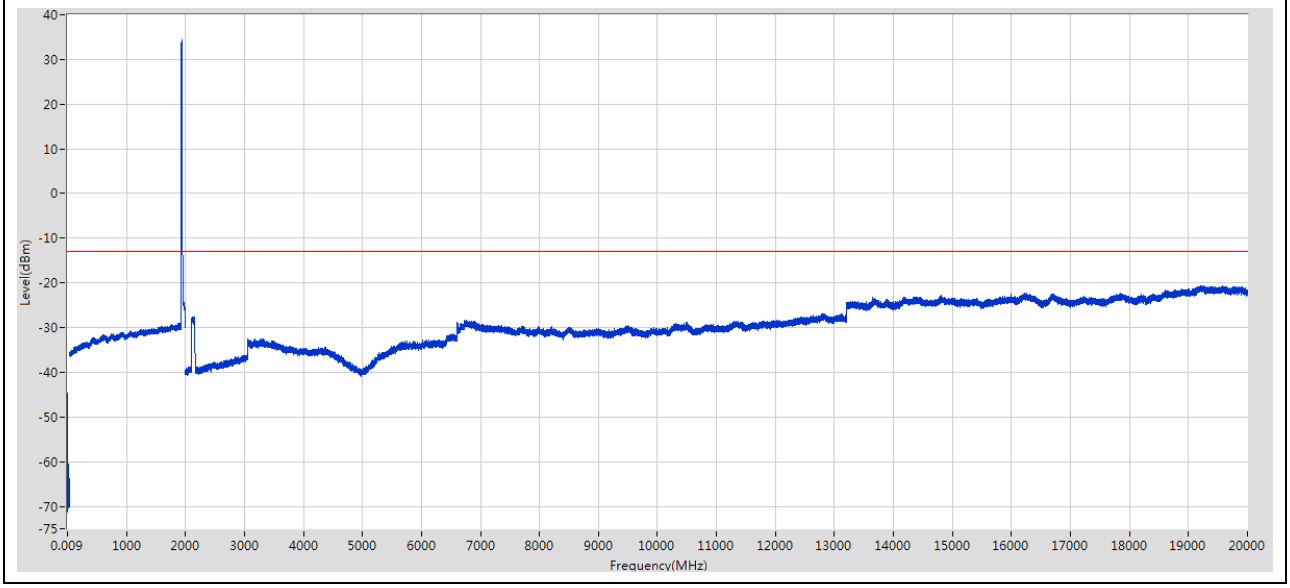
2.1.5 NTC_4U_TM1_T_Band2

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	65.08 k	-47.35	-13	Pass	705
0.15	30	0.01	RMS	240.011 k	-53.8	-13	Pass	14925
30	2000	1	RMS	1957.574412 M	35.39	-13	Fail	9850
2000	20000	1	RMS	2106.813039 M	-18.86	-13	Pass	90000



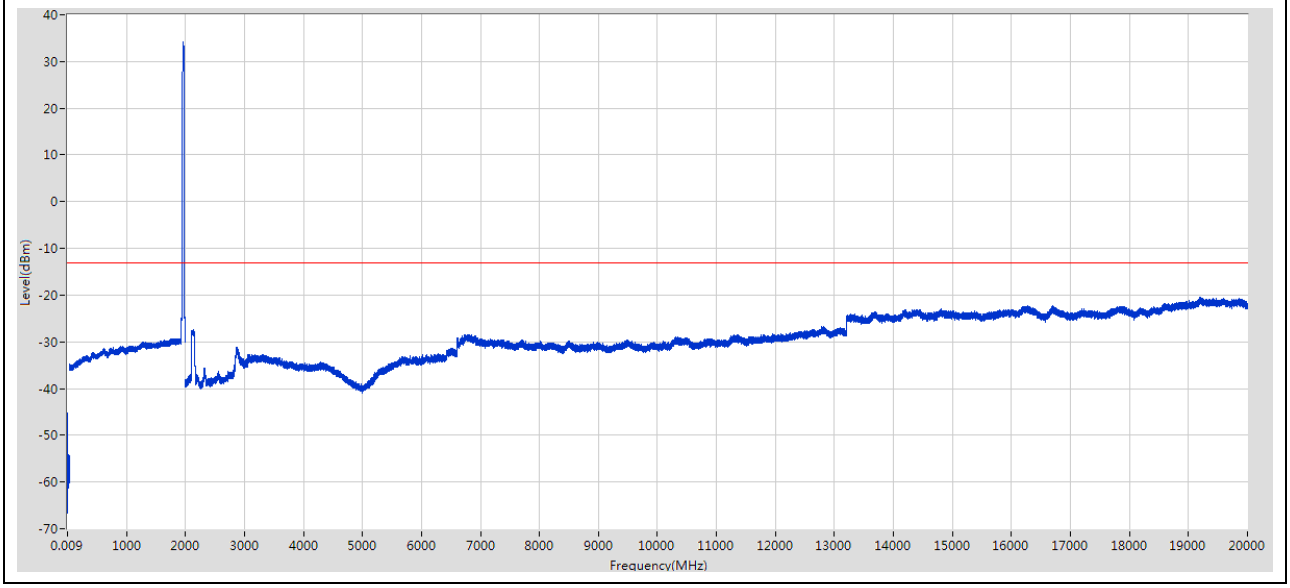
2.1.6 1L20M_TM1_B_Band2

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	65.08 k	-44.64	-13	Pass	705
0.15	30	0.01	RMS	182.004 k	-58	-13	Pass	14925
30	2000	1	RMS	1941.764876 M	34.46	-13	Fail	9850
2000	20000	1	RMS	19249.907167 M	-20.61	-13	Pass	90000



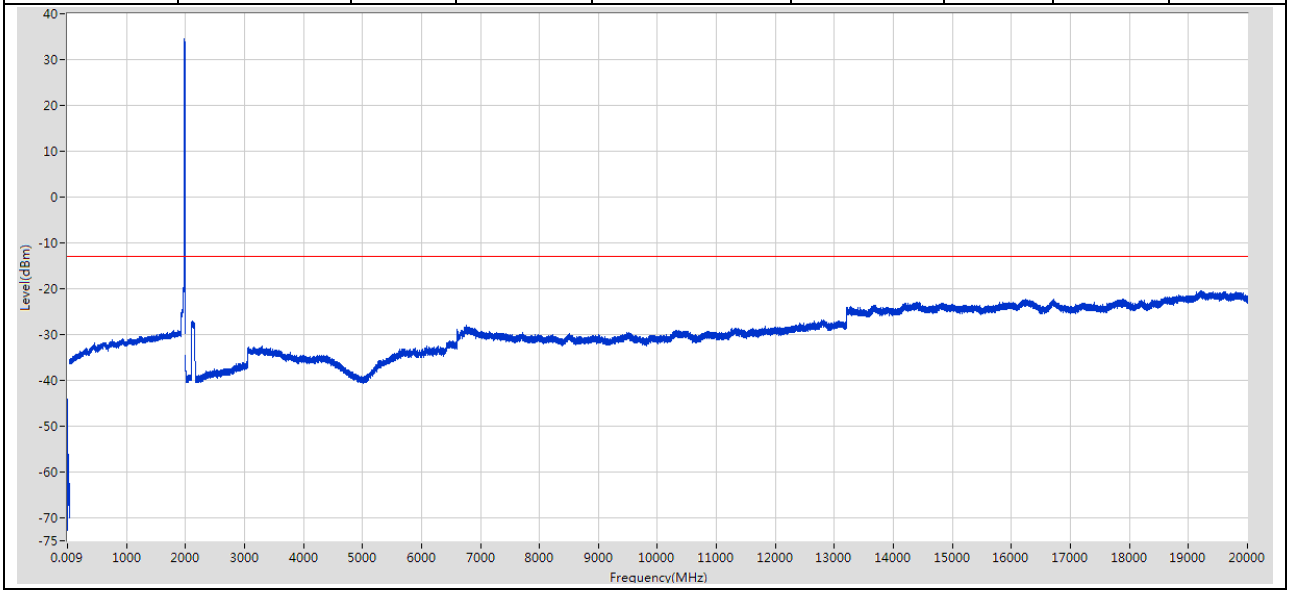
2.1.7 1L20M_TM1_M_Band2

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	64.879 k	-45.15	-13	Pass	705
0.15	30	0.01	RMS	574.052 k	-52.09	-13	Pass	14925
30	2000	1	RMS	1957.574412 M	34.3	-13	Fail	9850
2000	20000	1	RMS	19190.699839 M	-20.43	-13	Pass	90000



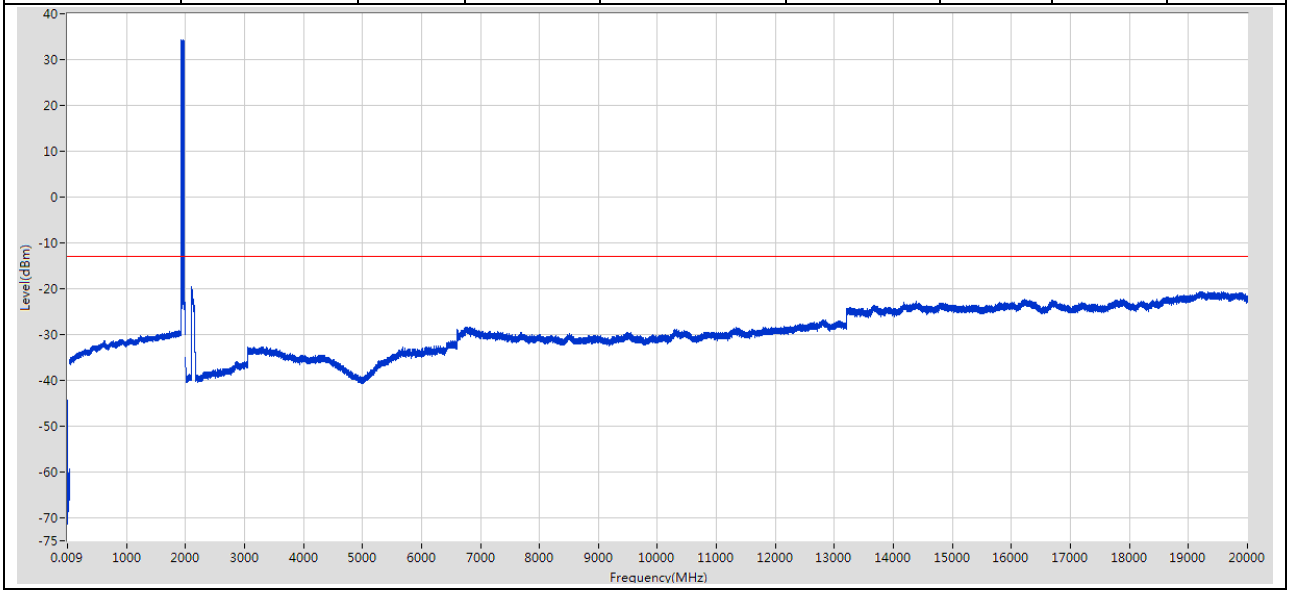
2.1.8 1L20M_TM1_T_Band2

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	64.879 k	-44	-13	Pass	705
0.15	30	0.01	RMS	19.892499 M	-56.07	-13	Pass	14925
30	2000	1	RMS	1973.584068 M	34.5	-13	Fail	9850
2000	20000	1	RMS	19204.701572 M	-20.51	-13	Pass	90000



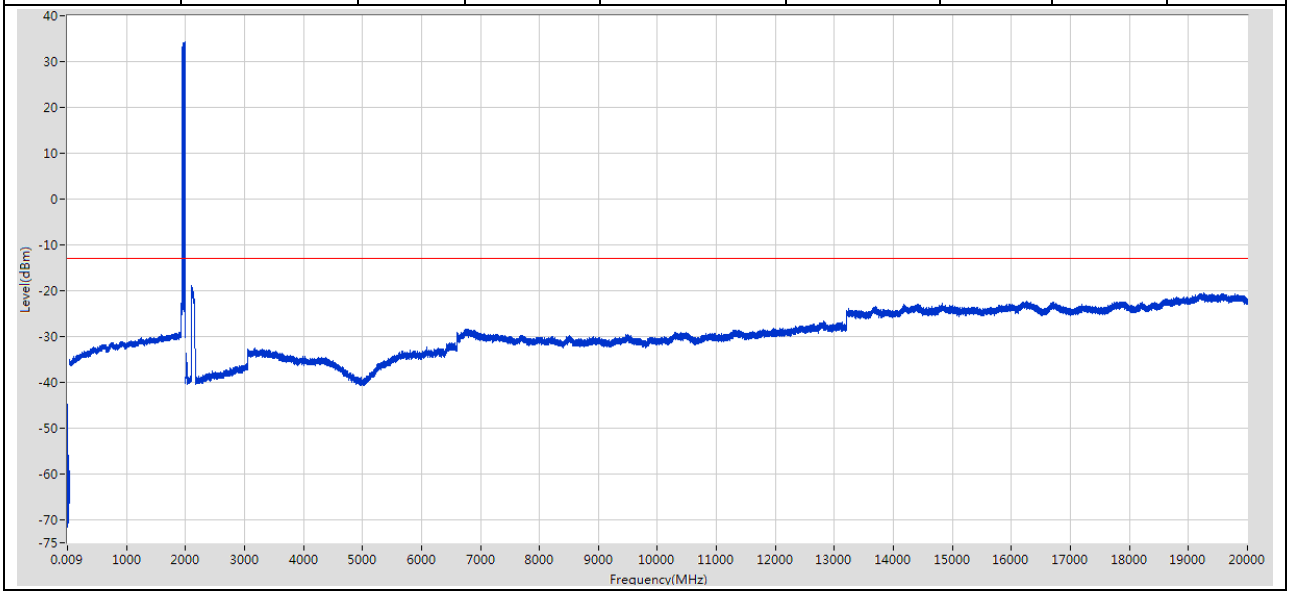
2.1.9 NTC_4L_TM1_B_Band2

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	64.879 k	-44.31	-13	Pass	705
0.15	30	0.01	RMS	152 k	-56.09	-13	Pass	14925
30	2000	1	RMS	1963.377912 M	34.28	-13	Fail	9850
2000	20000	1	RMS	2106.41299 M	-19.48	-13	Pass	90000



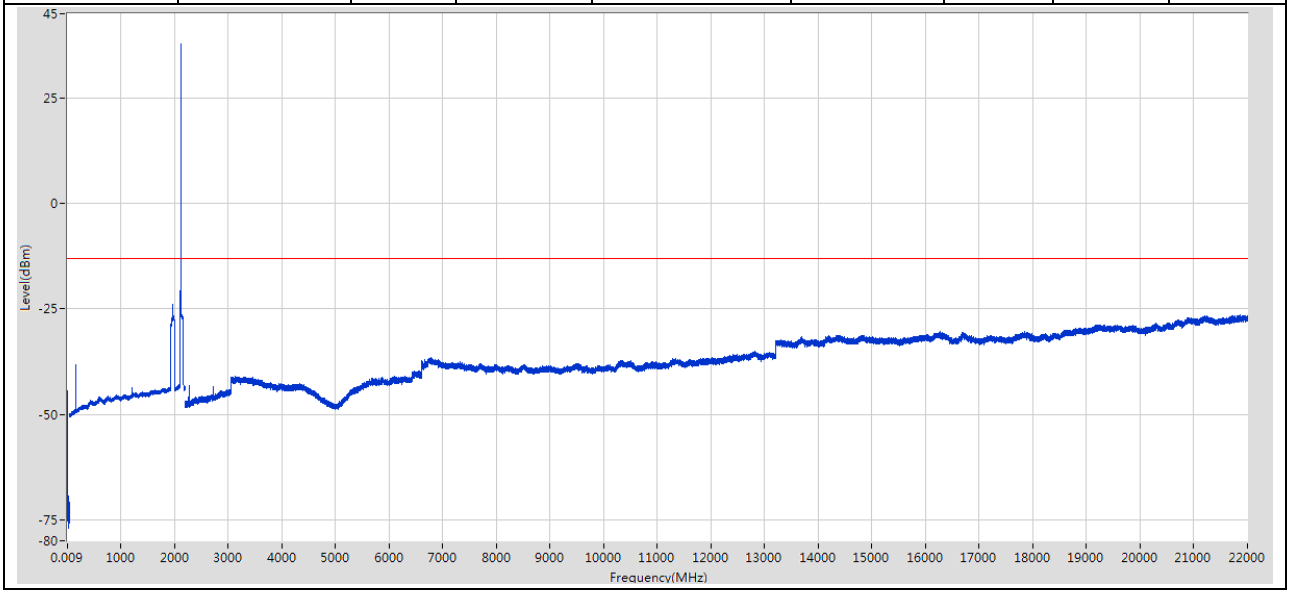
2.1.10 NTC_4L_TM1_T_Band2

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	65.08 k	-44.73	-13	Pass	705
0.15	30	0.01	RMS	8.50502 M	-55.69	-13	Pass	14925
30	2000	1	RMS	1986.591913 M	34.28	-13	Fail	9850
2000	20000	1	RMS	2109.413356 M	-18.93	-13	Pass	90000



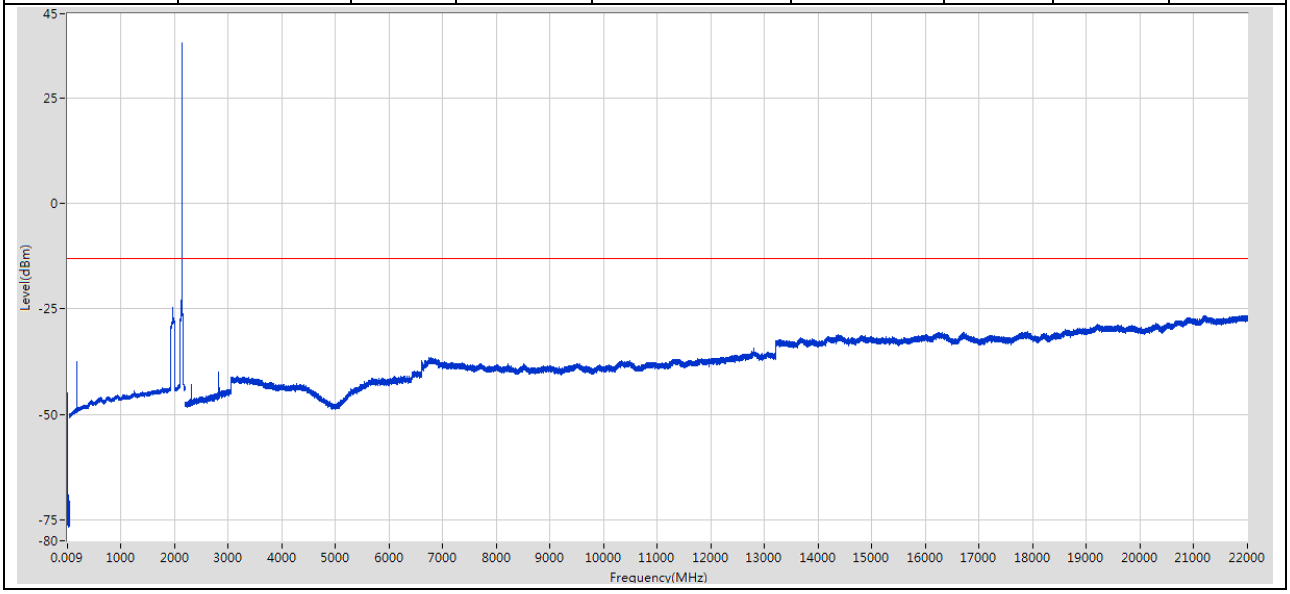
2.1.11 1L5M_TM1_B_Band4

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	65.08 k	-44.54	-13	Pass	705
0.15	30	0.01	RMS	646.061 k	-47.43	-13	Pass	14925
30	2200	1	RMS	2113.967633 M	37.83	-13	Fail	10850
2200	22000	1	RMS	21869.212086 M	-26.47	-13	Pass	99000



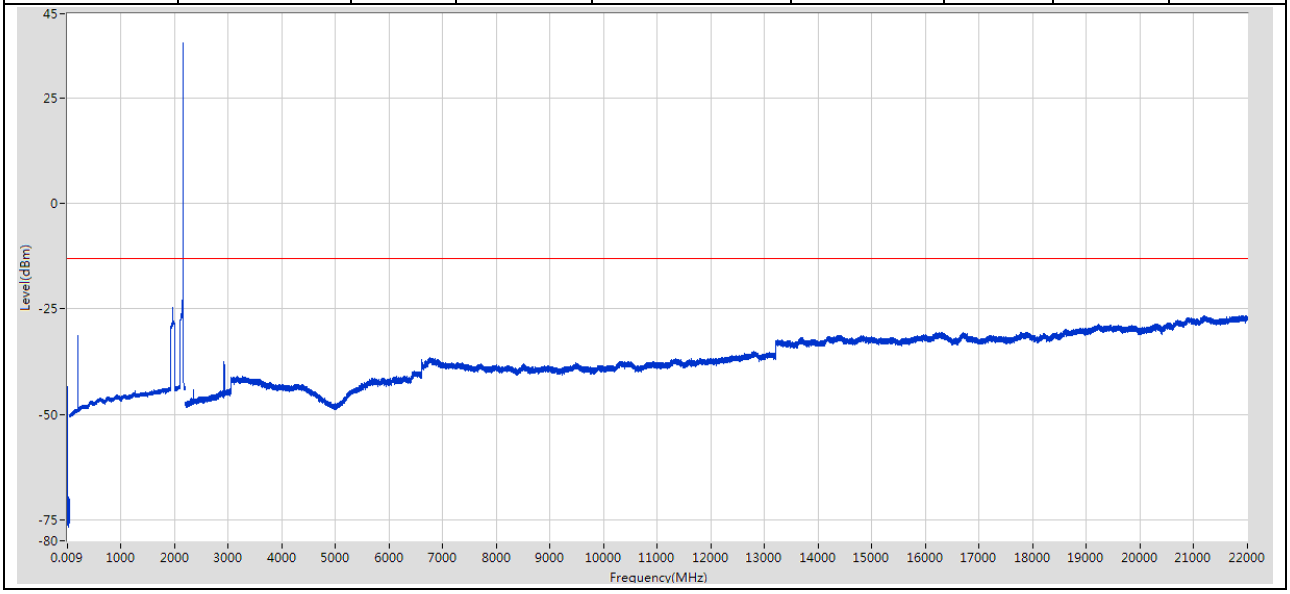
2.1.12 1L5M_TM1_M_Band4

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	65.08 k	-45.04	-13	Pass	705
0.15	30	0.01	RMS	714.069 k	-48.07	-13	Pass	14925
30	2200	1	RMS	2130.974031 M	38.1	-13	Fail	10850
2200	22000	1	RMS	21958.740719 M	-26.55	-13	Pass	99000



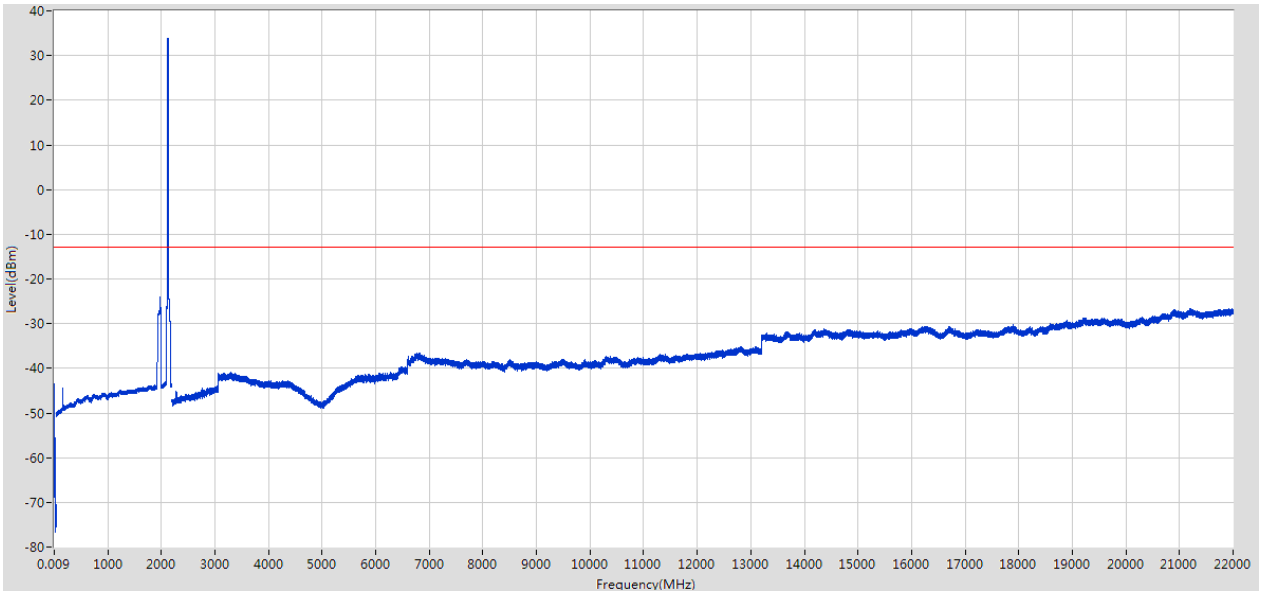
2.1.13 1L5M_TM1_T_Band4

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	64.879 k	-43.52	-13	Pass	705
0.15	30	0.01	RMS	436.035 k	-48.96	-13	Pass	14925
30	2200	1	RMS	2151.181633 M	38	-13	Fail	10850
2200	22000	1	RMS	21895.049209 M	-26.63	-13	Pass	99000



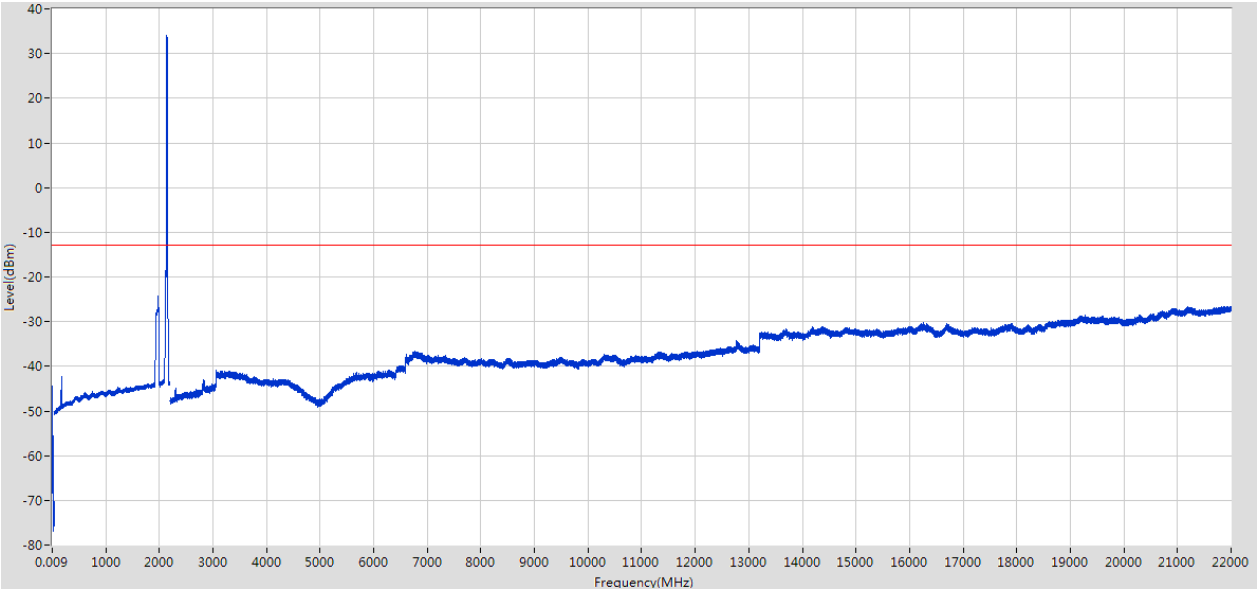
2.1.14 1L20M_TM1_B_Band4

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	65.08 k	-43.5	-13	Pass	705
0.15	30	0.01	RMS	600.055 k	-53.17	-13	Pass	14925
30	2200	1	RMS	2124.371547 M	33.95	-13	Fail	10850
2200	22000	1	RMS	21192.718447 M	-26.55	-13	Pass	99000



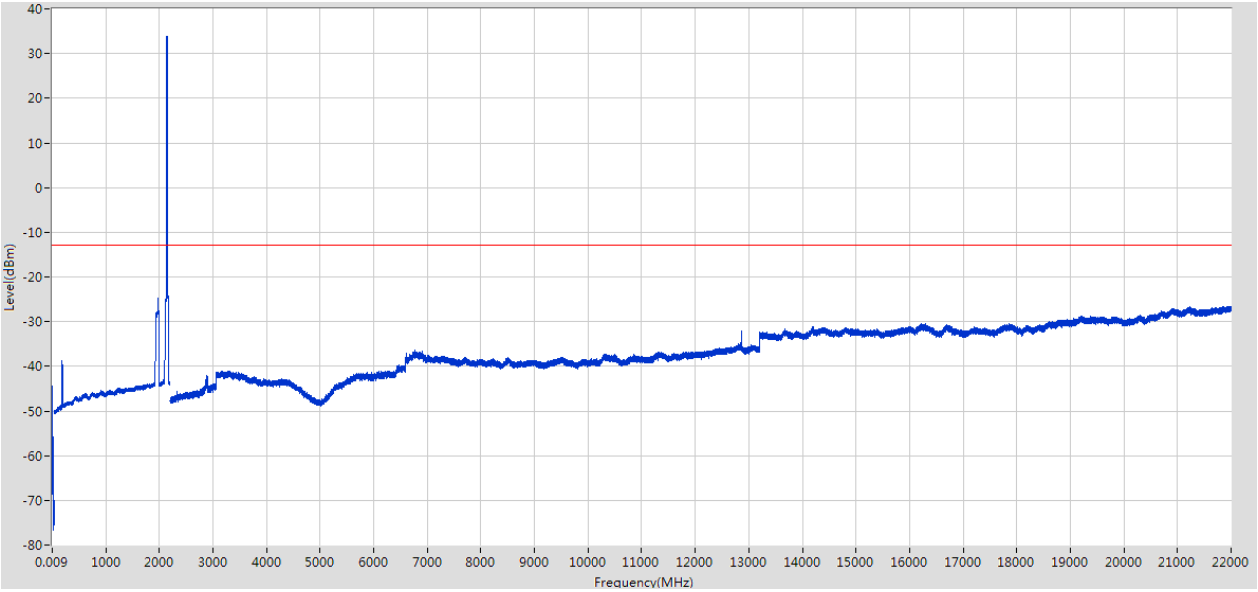
2.1.15 1L20M_TM1_M_Band4

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	65.08 k	-44.43	-13	Pass	705
0.15	30	0.01	RMS	194.005 k	-53.48	-13	Pass	14925
30	2200	1	RMS	2136.576139 M	34.06	-13	Fail	10850
2200	22000	1	RMS	21882.431079 M	-26.62	-13	Pass	99000



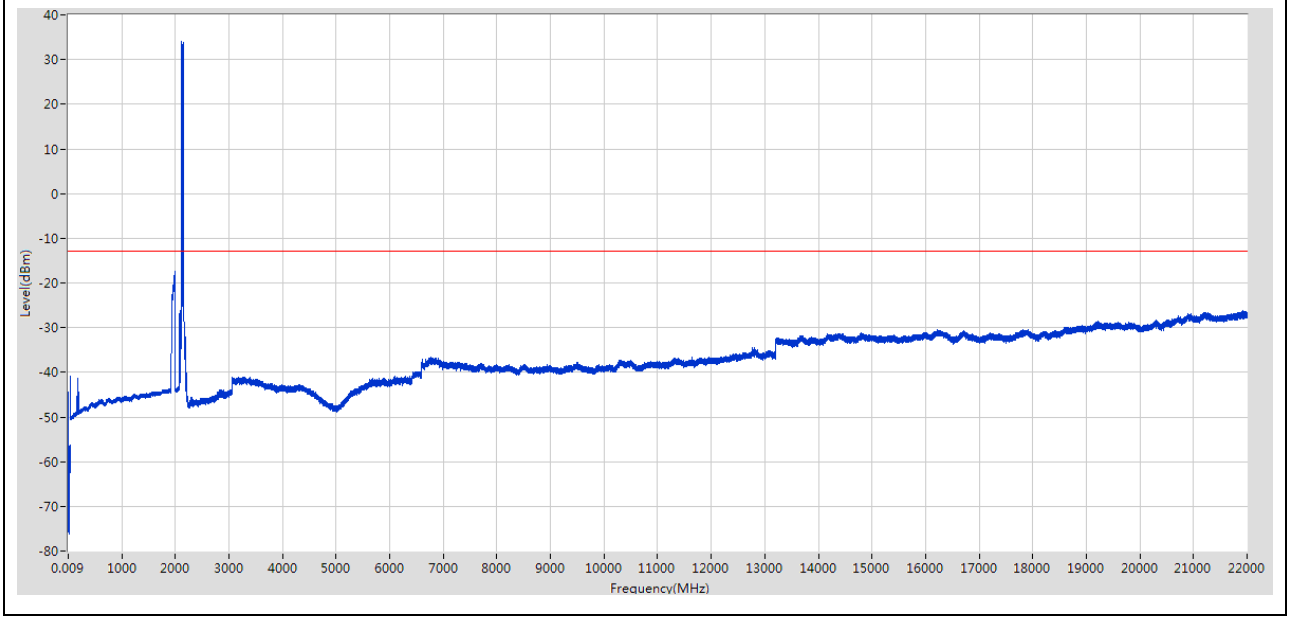
2.1.16 1L20M_TM1_T_Band4

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	64.879 k	-44.53	-13	Pass	705
0.15	30	0.01	RMS	192.005 k	-53.49	-13	Pass	14925
30	2200	1	RMS	2139.377192 M	33.86	-13	Fail	10850
2200	22000	1	RMS	21993.390504 M	-26.57	-13	Pass	99000



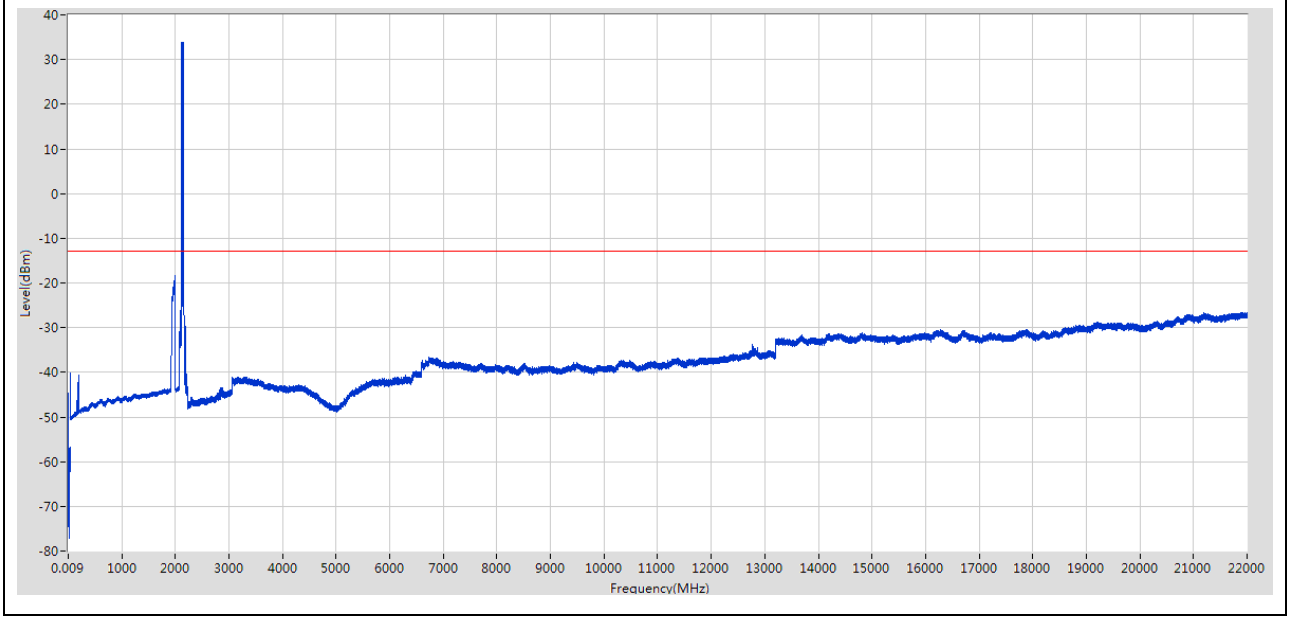
2.1.17 NTC_4L_TM1_B_Band4

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	65.08 k	-44.42	-13	Pass	705
0.15	30	0.01	RMS	5.002592 M	-53.27	-13	Pass	14925
30	2200	1	RMS	2113.567482 M	33.99	-13	Fail	10850
2200	22000	1	RMS	21916.680288 M	-26.21	-13	Pass	99000



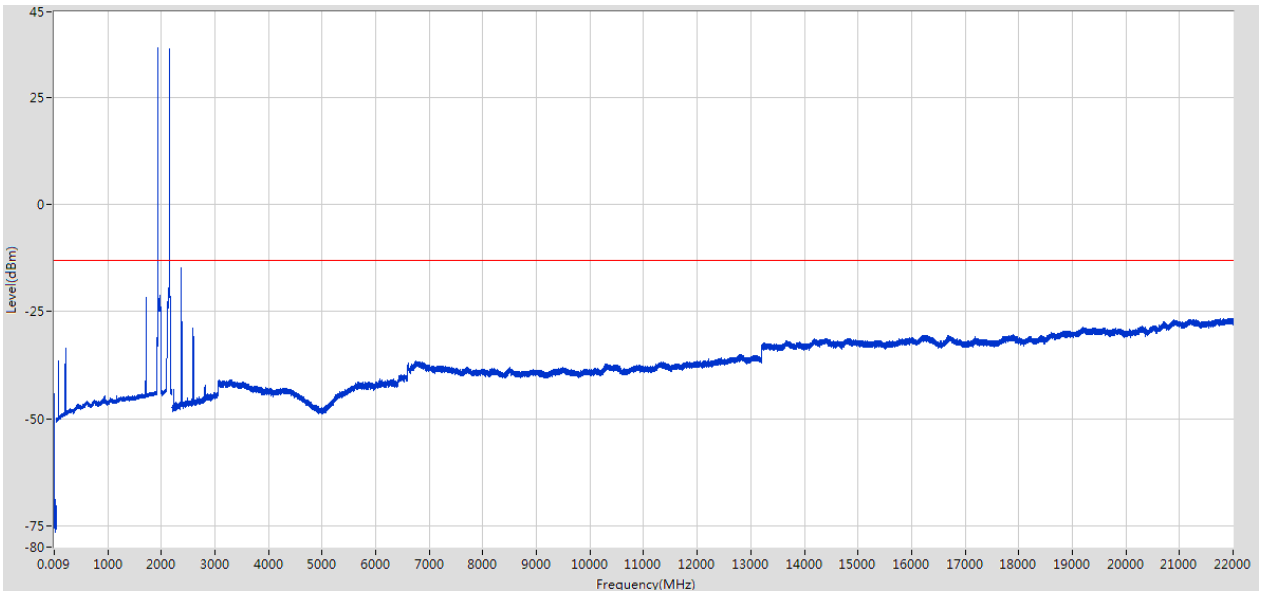
2.1.18 NTC_4L_TM1_T_Band4

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	64.679 k	-44.55	-13	Pass	705
0.15	30	0.01	RMS	4.996592 M	-52.36	-13	Pass	14925
30	2200	1	RMS	2146.179752 M	33.94	-13	Fail	10850
2200	22000	1	RMS	21999.399137 M	-26.63	-13	Pass	99000



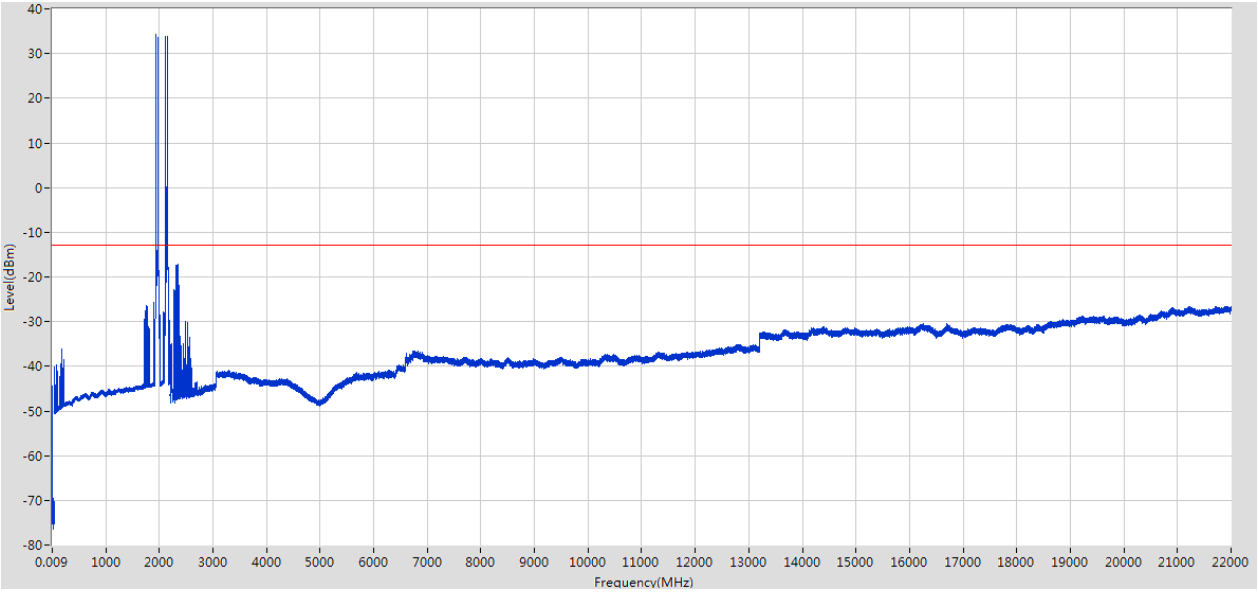
2.1.19 1U_B_band2+1L_T_band4

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	65.08 k	-44.12	-13	Pass	705
0.15	30	0.01	RMS	240.011 k	-51.52	-13	Pass	14925
30	2200	1	RMS	1932.299285 M	36.5	-13	Fail	10850
2200	22000	1	RMS	2371.820974 M	-14.76	-13	Pass	99000



2.1.20 NTC_1U1L_B_band2+NTC_2L_T_band4

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	64.879 k	-44.47	-13	Pass	705
0.15	30	0.01	RMS	318.021 k	-54.59	-13	Pass	14925
30	2200	1	RMS	1932.09921 M	34.39	-13	Fail	10850
2200	22000	1	RMS	2338.416897 M	-17.23	-13	Pass	99000



Appendix E: Field Strength of Spurious Radiation / Radiated Spurious Emissions

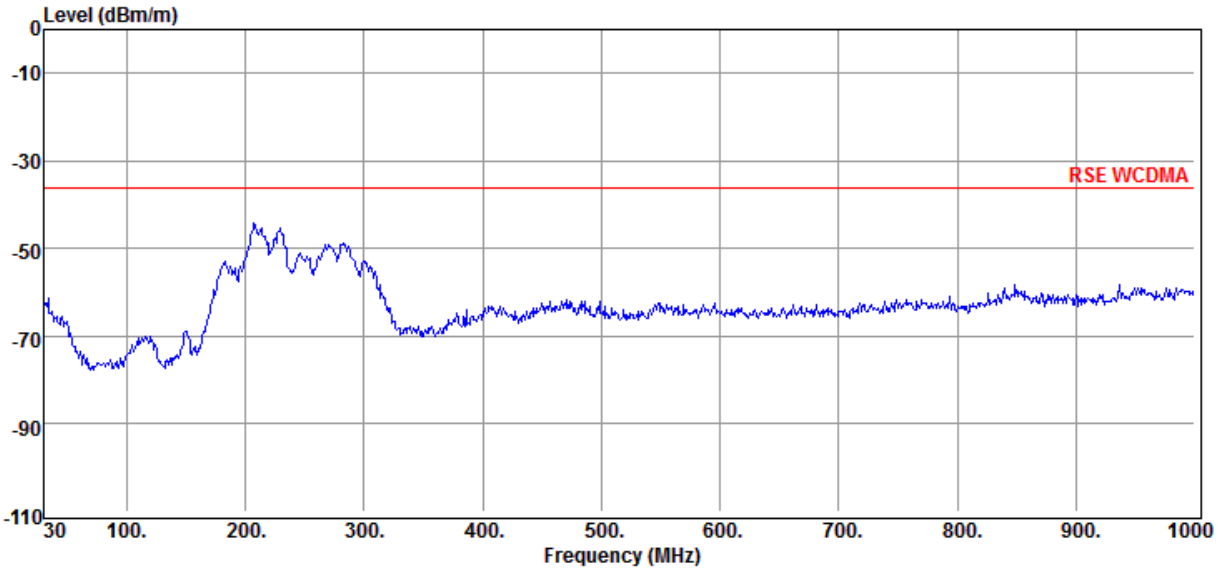
1 Result Table

NOTE: If applicable, according to FCC KDB 971168 §5.8.3, for the requirement of a fixed limit (e.g. -13 dBm), the power limit can be mathematically converted to an equivalent field strength limit. The relationship is:
(1) E [dBμV/m] = EIRP [dBm] - 20*lg(D) + 104.8; where D is the measurement distance in meters.
(2) EIRP [dBm] = ERP [dBm] + 2.15.
Also according to FCC §2.1053(a), emissions are assumed radiated from halfwave dipole antennas, so the power limit refer to the ERP.
(For example, the fixed power limit -13 dBm can be converted to the field strength limit 84.4 dBμV/m at 3 m measurement distance, and to 93.95 dBμV/m at 1 m measurement distance assuming in the far-field region of both the transmit and receive antennas.)

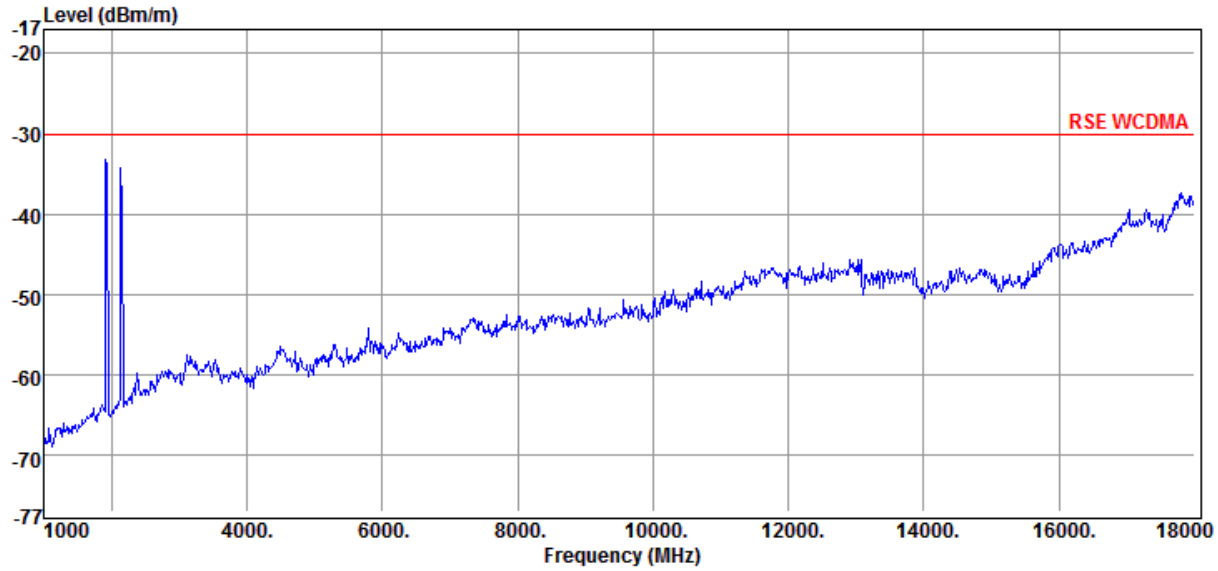
Test Range	EUT Conf. (Worst Case)	Maximum Emission	Verdict
30 MHz to 1 GHz	1U_B_band2+1L_T_band4	< Limit	Pass
1 GHz to 18 GHz	1U_B_band2+1L_T_band4	< Limit	Pass
18 GHz to 26.5 GHz	1U_B_band2+1L_T_band4	< Limit	Pass

2 Test Plot

2.1 Test range of "30 MHz to 1 GHz"



2.2 Test range of "1 GHz to 18 GHz"



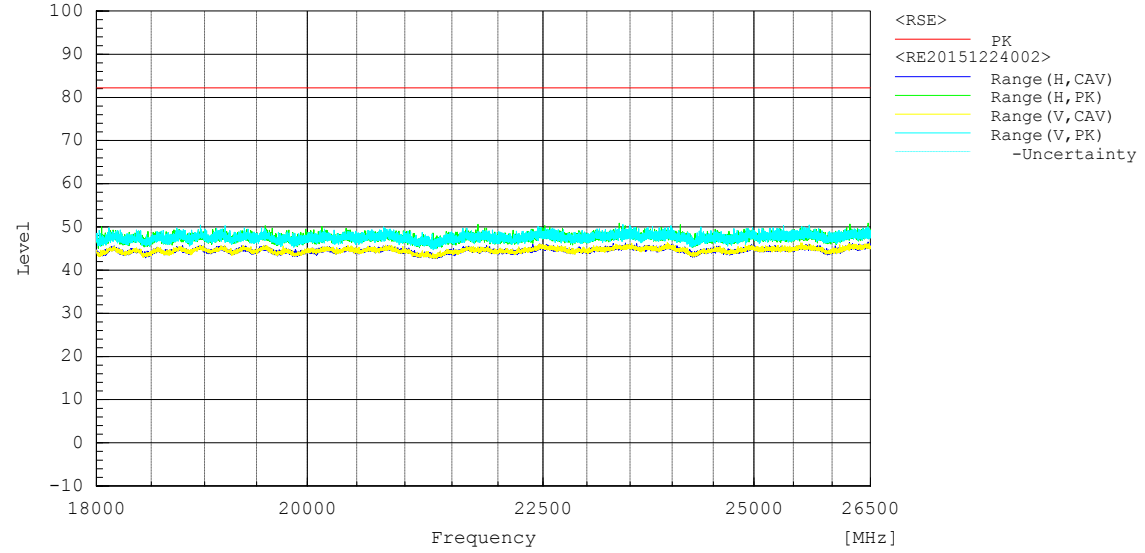
2.3 Test range of "18 GHz to 26.5 GHz"

.

<<Radiated Emission Test Data>>
Huawei
RE20151224002.ep7redata

ReportHeader : GCTC EMC Lab
Operator : XHC
EUT : AAU3940
Modal : NA
Serial : NA

Limit : RSE 18GHz-26.5GHz
Date, Time : 24 December,2015 11:03
EUT Power : DC 48V
Temp, Humid : 25Degree;56%RH
Comment :



Final Result

No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	Angle [deg]

Appendix F: Frequency Stability

1 Result Table

1.1 Frequency Error

EUT Conf.	Temperature	Voltage	Freq. Error, f(offset) [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Verdict
1U_TM1_M_Band2	-30 °C	100%	-0.97	-0.000495	--	Pass
	-20 °C	100%	-0.48	-0.000245	--	Pass
	-10 °C	100%	-0.45	-0.000230	--	Pass
	0 °C	100%	0.54	0.000276	--	Pass
	+10 °C	100%	1.90	0.000969	--	Pass
	+20 °C	85 %	-1.16	-0.000592	--	Pass
	+20 °C	100 %	-0.38	-0.000194	--	Pass
	+20 °C	115 %	-2.22	-0.001133	--	Pass
	+30 °C	100%	1.69	0.000862	--	Pass
	+40 °C	100%	0.22	0.000112	--	Pass
	+50 °C	100%	-1.34	-0.000684	--	Pass
1L20M_TM1_M_Band2	-30 °C	100%	1.18	0.000602	--	Pass
	-20 °C	100%	0.92	0.000469	--	Pass
	-10 °C	100%	-0.19	-0.000097	--	Pass
	0 °C	100%	0.75	0.000383	--	Pass
	+10 °C	100%	-0.30	-0.000153	--	Pass
	+20 °C	85 %	0.50	0.000255	--	Pass
	+20 °C	100 %	0.55	0.000281	--	Pass
	+20 °C	115 %	1.16	0.000592	--	Pass
	+30 °C	100%	-0.06	-0.000031	--	Pass
	+40 °C	100%	0.76	0.000388	--	Pass
	+50 °C	100%	0.27	0.000138	--	Pass
1L5M_TM1_M_Band4	-30 °C	100%	-0.06	-0.000031	--	Pass
	-20 °C	100%	1.25	0.000586	--	Pass
	-10 °C	100%	0.79	0.000370	--	Pass
	0 °C	100%	1.08	0.000506	--	Pass
	+10 °C	100%	0.99	0.000464	--	Pass
	+20 °C	85 %	-0.52	-0.000244	--	Pass
	+20 °C	100 %	-1.51	-0.000708	--	Pass
	+20 °C	115 %	0.76	0.000356	--	Pass
	+30 °C	100%	0.38	0.000178	--	Pass
	+40 °C	100%	0.2	0.000094	--	Pass
	+50 °C	100%	1.3	0.000610	--	Pass

1.2 Frequency Range

(Not applicable)

Appendix G: Receiver Spurious Emissions

(Not applicable)

END