Appendix A1: Transmitter Output Power

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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 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]@Ant1	Channel Power [dBm] @Ant2	Total Channel Power [W]	Antenna Gain [dBi]	EIRP [W]	ERP [W]	Verdict
5M_B	20.72	20.72	0.24	4	---	---	Pass
5M _M	20.5	20.5	0.22	4	---	---	Pass
5M _T	20.31	20.31	0.22	4	---	---	Pass
10M_B	20.59	20.59	0.23	4	---	---	Pass
10M _M	20.1	20.1	0.21	4	---	---	Pass
10M_T	20.12	20.12	0.21	4	---	---	Pass
15M_B	20.77	20.77	0.24	4	---	---	Pass
15M _M	20.24	20.24	0.21	4	---	---	Pass
15M_T	20.45	20.45	0.22	4	---	---	Pass
20M_B	20.48	20.48	0.22	4	---	---	Pass
20M _M	20.3	20.3	0.21	4	---	---	Pass
20M_T	20.3	20.3	0.21	4	---	---	Pass
1U_B	23.95	---	0.25	4	---	---	Pass
1U_M	23.6	---	0.23	4	---	---	Pass
1U_T	23.75	---	0.24	4	---	---	Pass
2U_B	19.31,19.42	---	0.17	4	---	---	Pass
2U_M	19.58,19.07	---	0.17	4	---	---	Pass
2U_T	19.74,19.14	---	0.18	4	---	---	Pass
1U1L5M_B	17.00, 16.97	16.97	0.15	4	---	---	Pass
1U1L5M_M	17.06, 16.84	16.84	0.15	4	---	---	Pass
1U1L5M_T	16.66,16.98	16.66	0.14	4	---	---	Pass
1U1L10M_B	17.02, 16.97	16.97	0.15	4	---	---	Pass
1U1L10M_M	17.20, 16.98	16.98	0.15	4	---	---	Pass
1U1L10M_T	17.06,16.84	17.06	0.15	4	---	---	Pass
1U1L15M_B	17.21, 16.89	16.89	0.15	4	---	---	Pass
1U1L15M_M	17.02, 16.95	16.95	0.15	4	---	---	Pass
1U1L15M_T	16.68,16.91	16.68	0.14	4	---	---	Pass

1.2 Power Spectral Density

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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 described below, and if exceed, the combination of the practical output power and the practical antenna gain should NOT exceed the required EIRP limit.

EUT Conf.	Channel Power Spectral Density [dBm/MHz]	Total Channel Power Spectral Density [dBm/MHz]	Antenna Gain [dBi]	EIRP [W/MHz]	Verdict
5M_B	14.62	17.62	4	0.15	Pass
5M _M	14.32	17.32	4	0.14	Pass
5M _T	14.23	17.23	4	0.13	Pass
1U_B	18.39	21.39	4	0.35	Pass
1U_M	18.01	21.01	4	0.32	Pass
1U_T	18.28	21.28	4	0.34	Pass

1.3 Peak-to-Average Ratio

EUT Conf.	Peak-to-Average Ratio [dB]	Verdict
5M_B	7.58	Pass
5M _M	7.57	Pass
5M _T	7.54	Pass
1U_B	7.43	Pass
1U_M	7.51	Pass
1U_T	7.44	Pass

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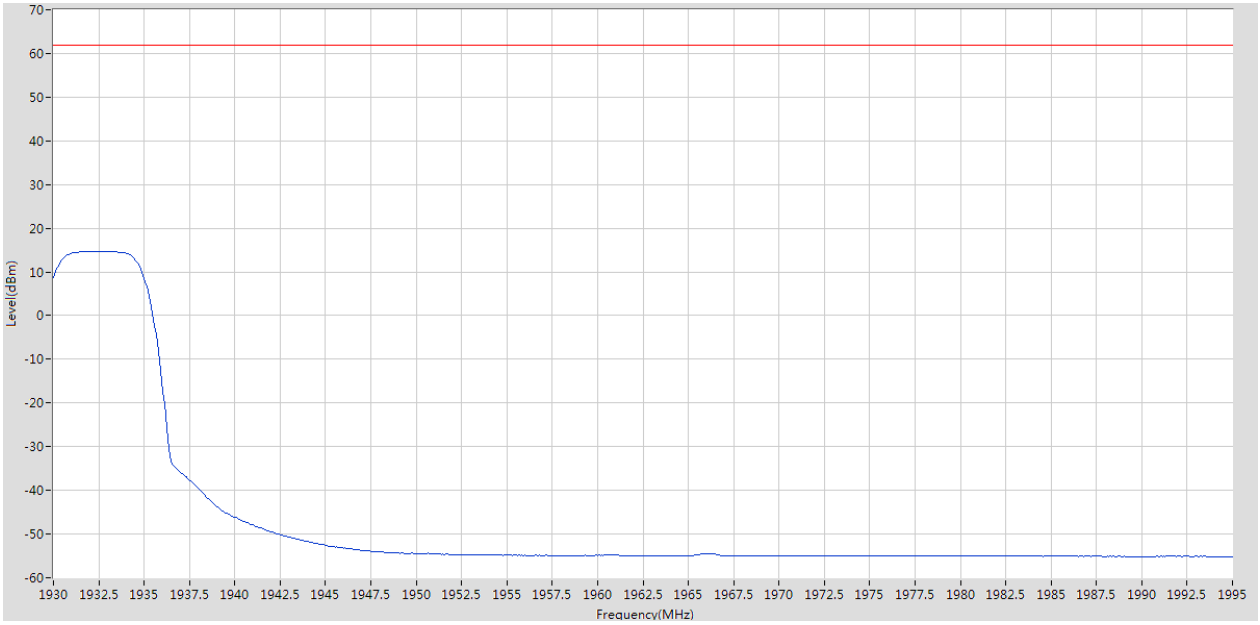
2 Test Plot

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 5M_B

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1995	1	RMS	1931.885 M	14.62	62	Pass	1001



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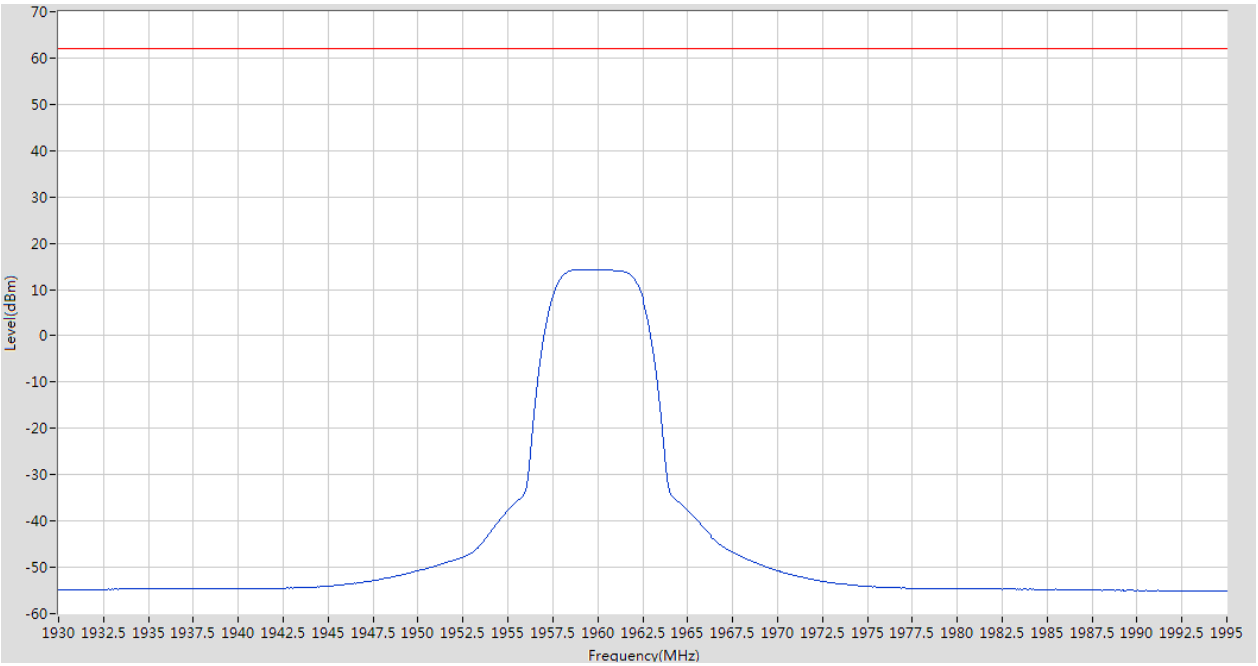
2.1.2 5M_M

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1995	1	RMS	1959.185 M	14.32	62	Pass	1001



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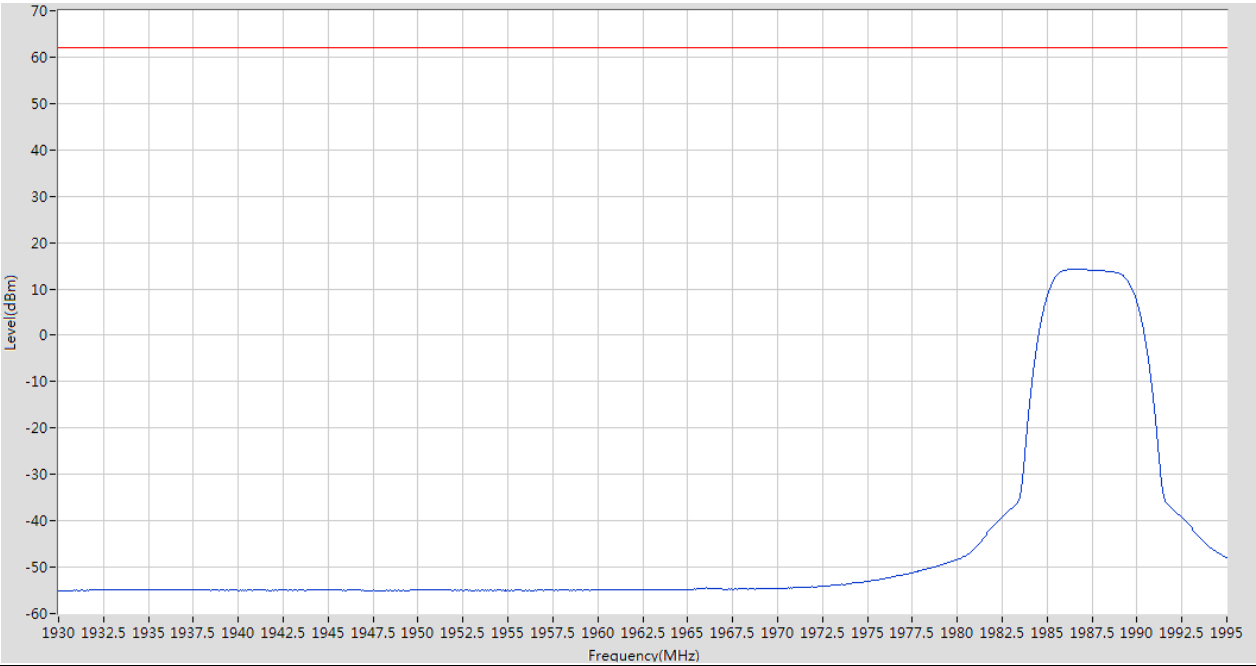
2.1.3 5M_T

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1995	1	RMS	1986.485 M	14.23	62	Pass	1001



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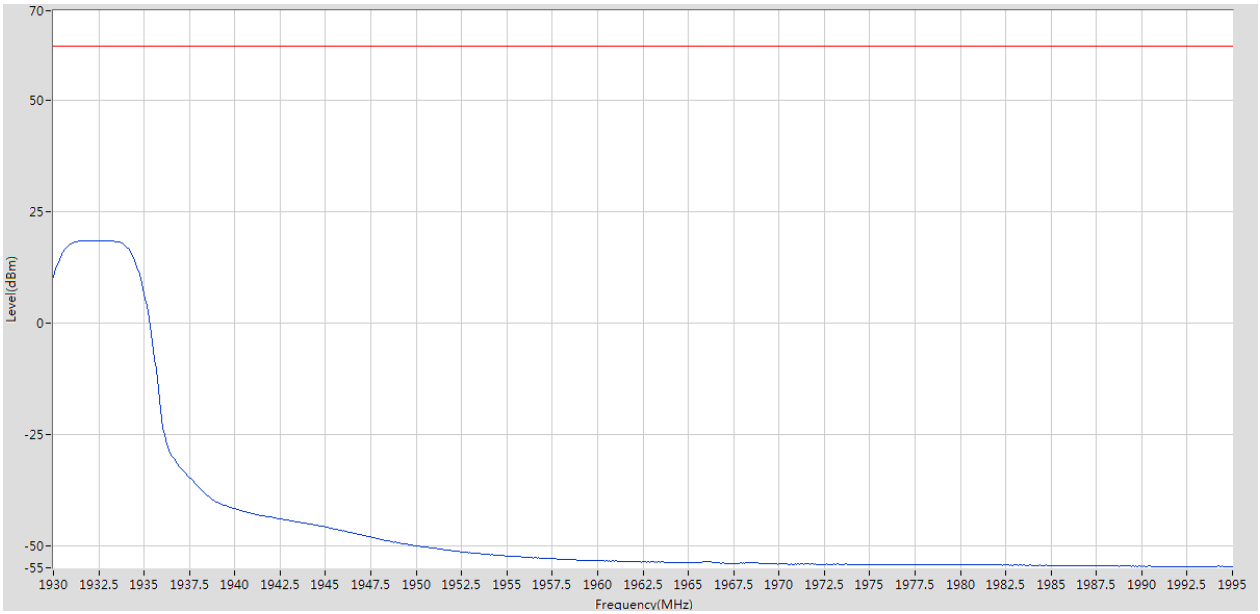
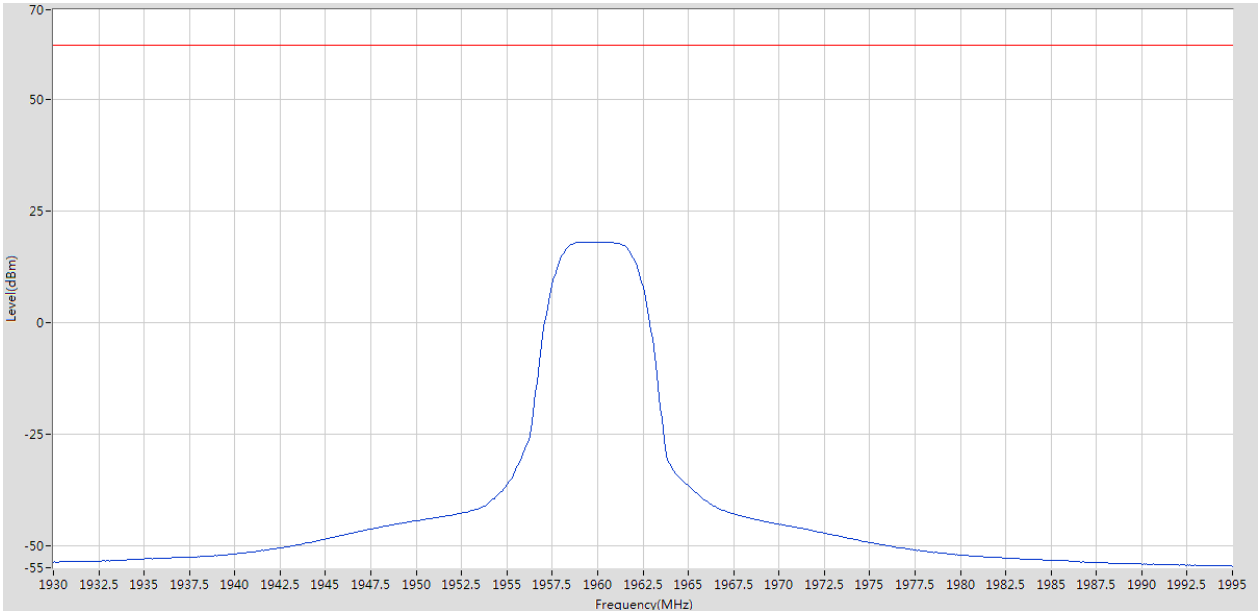
2.1.4 1U_B

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1995	1	RMS	1932.015 M	18.39	62	Pass	1001



2.1.5 1U_M

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1995	1	RMS	1959.25 M	18.01	62	Pass	1001



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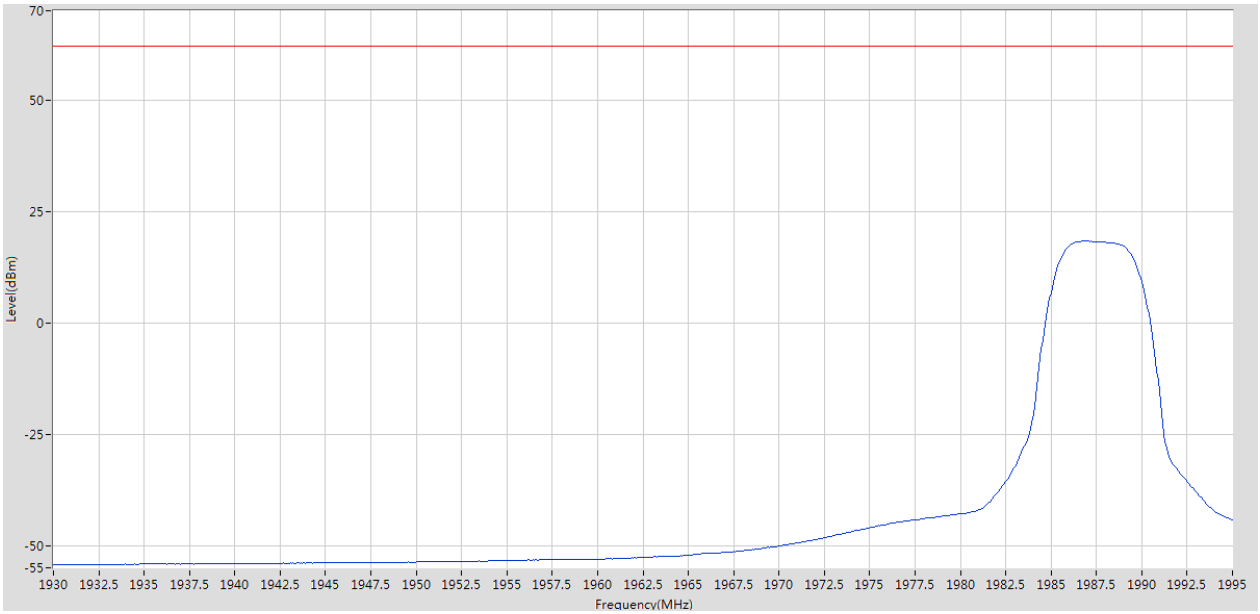
2.1.6 1U_T

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
1930	1995	1	RMS	1986.81 M	18.28	62	Pass	1001



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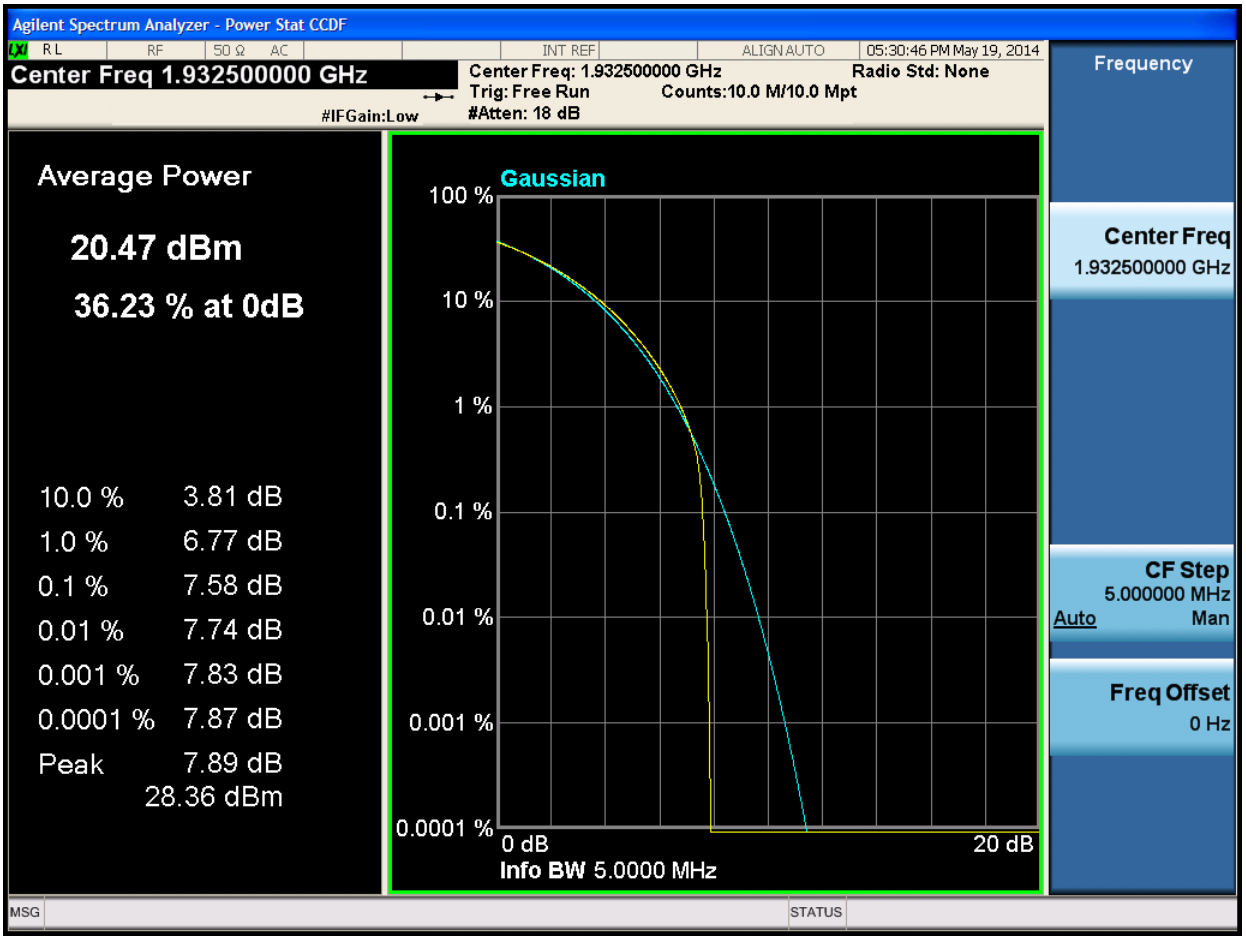
2.2 Peak-to-Average Ratio

2.2.1 5M_B



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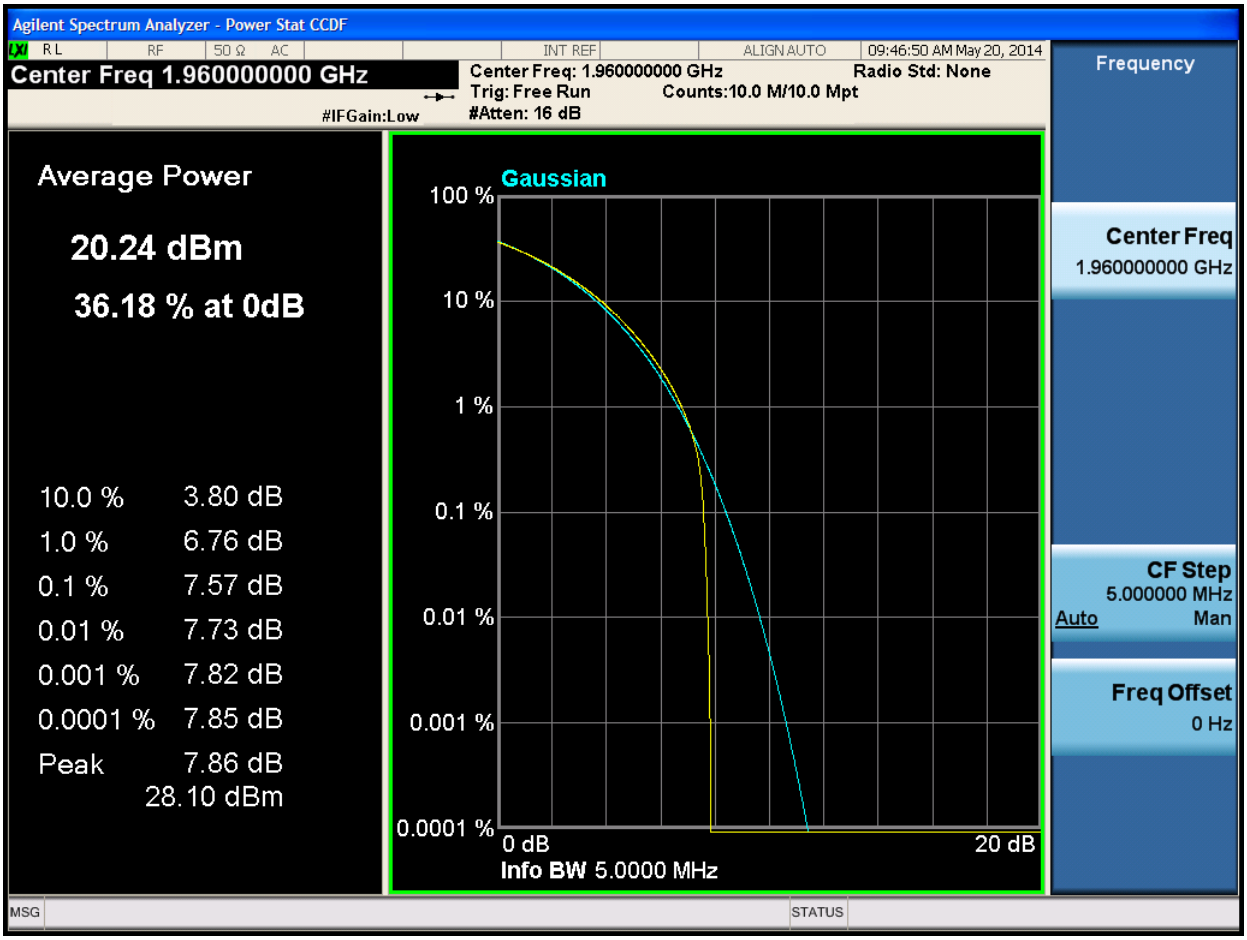
2.2.2 5M _M



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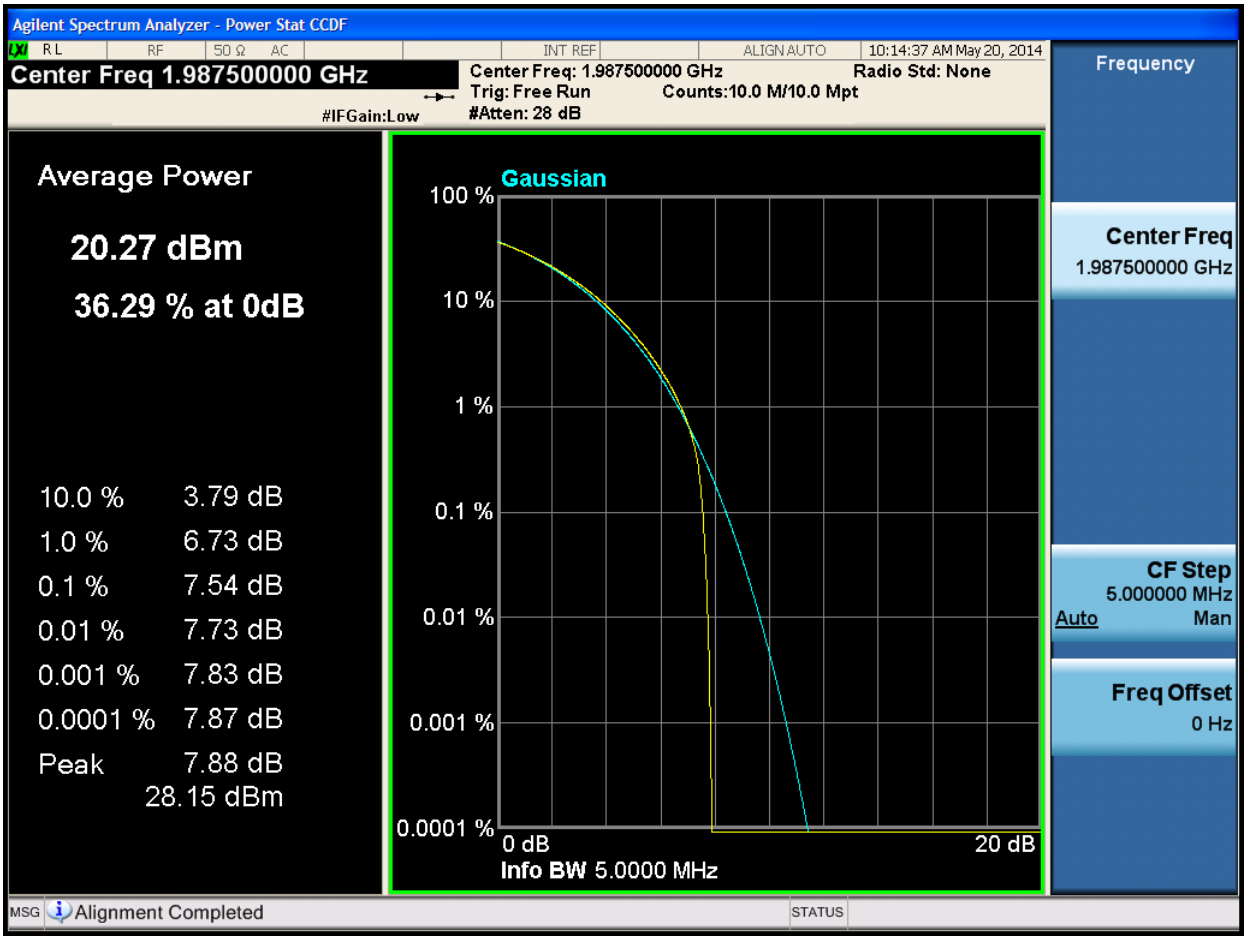
2.2.3 5M _T



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2.2.4 1U_B

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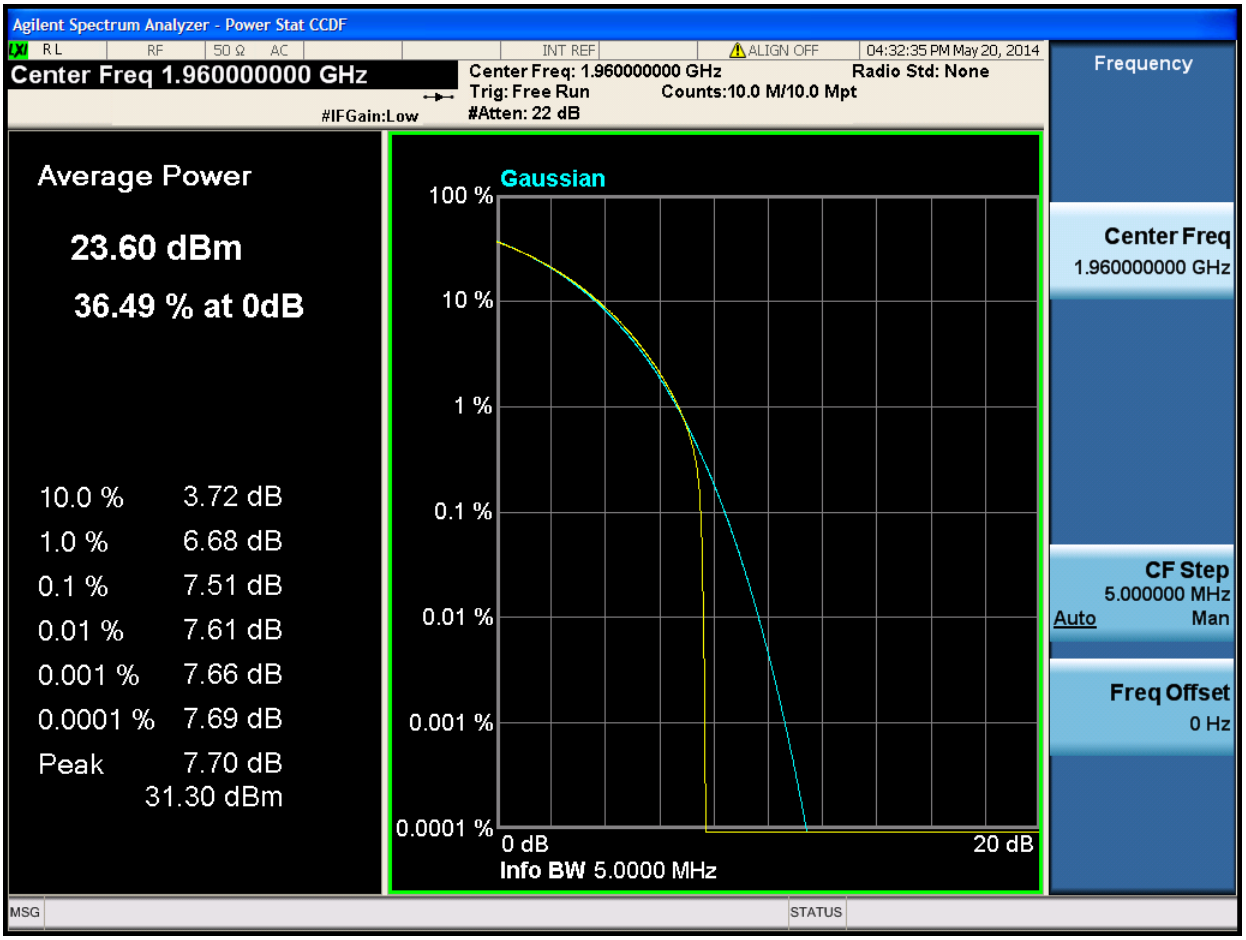
2.2.5 1U_M



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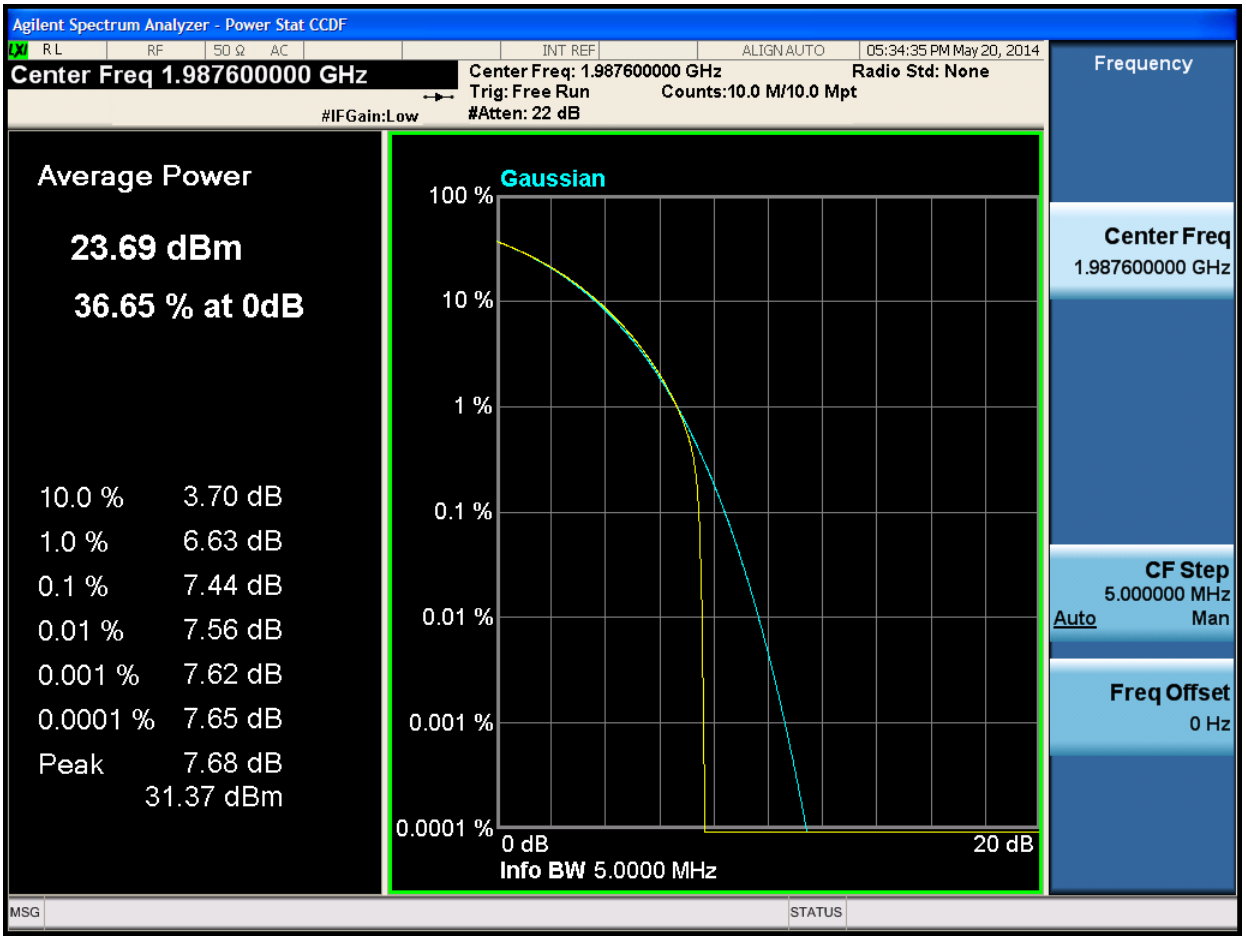
2.2.6 1U_T



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Appendix B1: Bandwidth

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1 Result Table

1.1 Occupied Bandwidth

EUT Conf.	Occupied Bandwidth [MHz]	Verdict
5M_B	4.497367	---
5M _M	4.498012	---
5M _T	4.495244	---
10M_B	8.978878	---
10M _M	8.978188	---
10M_T	8.967628	---
15M_B	13.467136	---
15M _M	13.458413	---
15M_T	13.436235	---
20M_B	17.933176	---
20M _M	17.917725	---
20M_T	17.896821	---
1U_B	4.176049	---
1U_M	4.176861	---
1U_T	4.171563	---

1.2 Emission Bandwidth

EUT Conf.	Emission Bandwidth, -26 dBc [MHz]	Verdict
5M_B	4.783872	---
5M _M	4.773888	---
5M _T	4.77376	---
10M_B	9.373824	---
10M _M	9.363712	---
10M_T	9.353728	---
15M_B	14.013696	---
15M _M	13.953664	---
15M_T	13.923712	---
20M_B	18.523776	---
20M _M	18.473728	---
20M_T	18.473728	---
1U_B	4.683776	---
1U_M	4.69376	---
1U_T	4.683776	---

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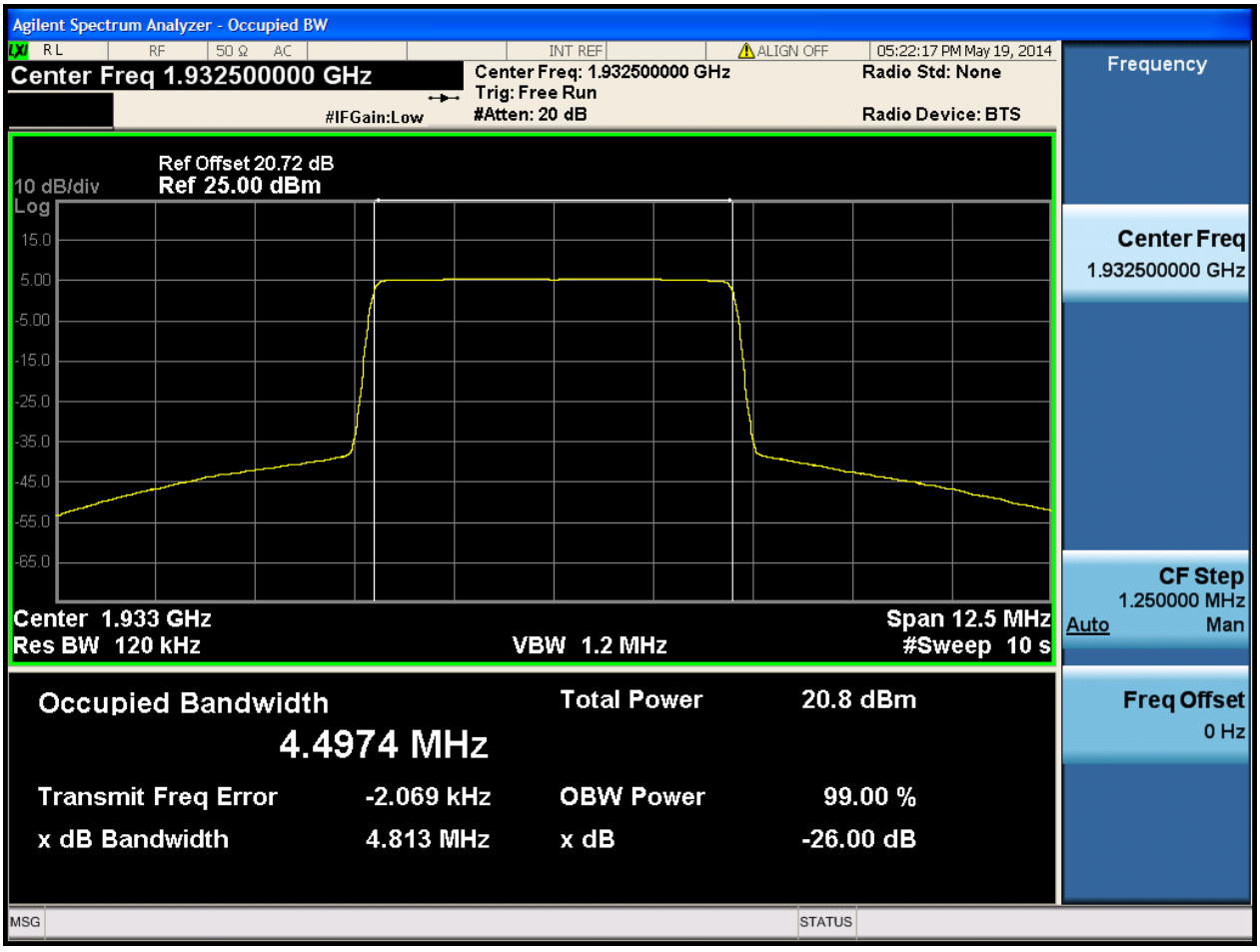
2 Test Plot

2.1 Occupied Bandwidth

2.1.1 5M_B

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1932.5	99	Auto	RMS	4.497367	No Conclusion



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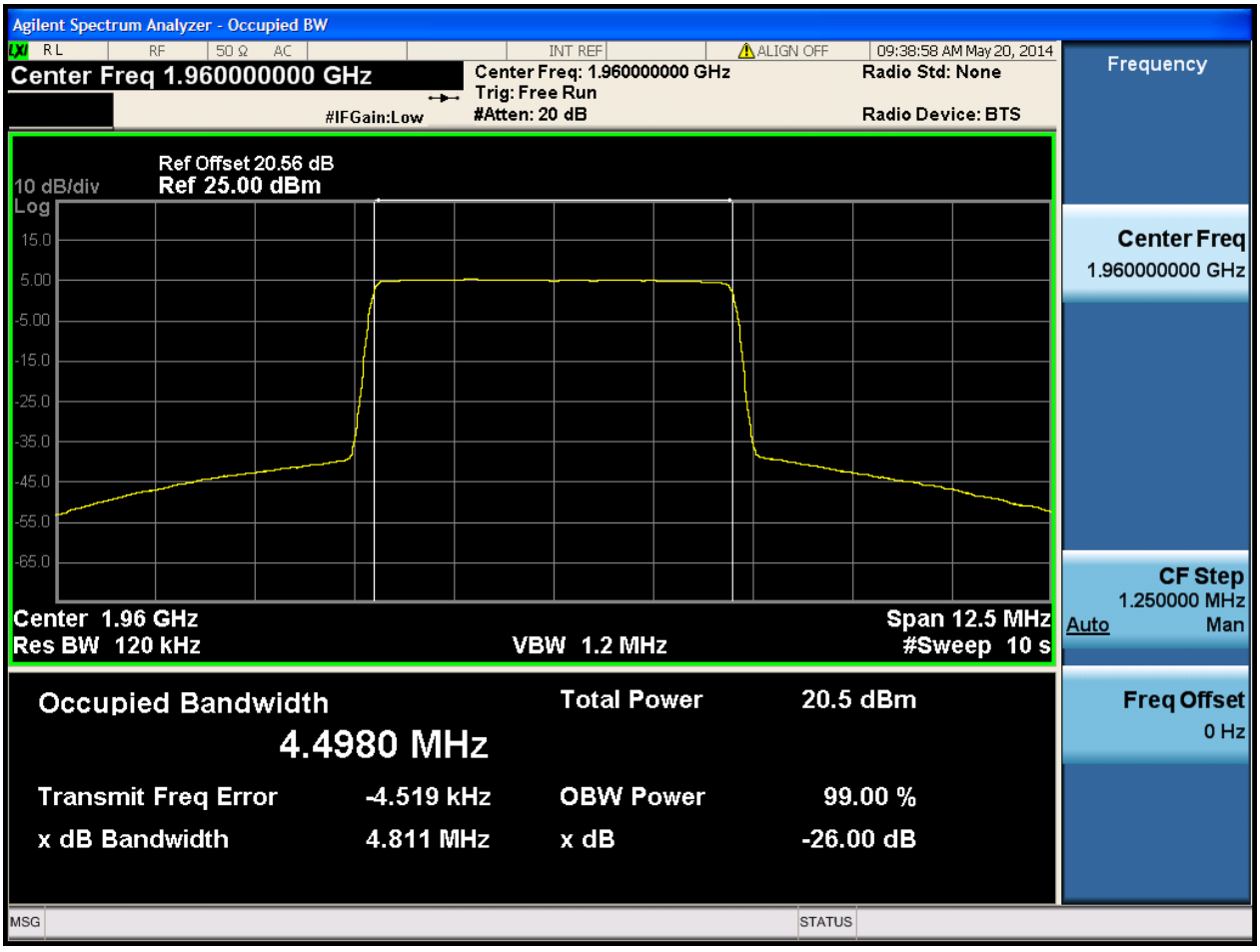
2.1.2 5M_M

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1960	99	Auto	RMS	4.498012	No Conclusion



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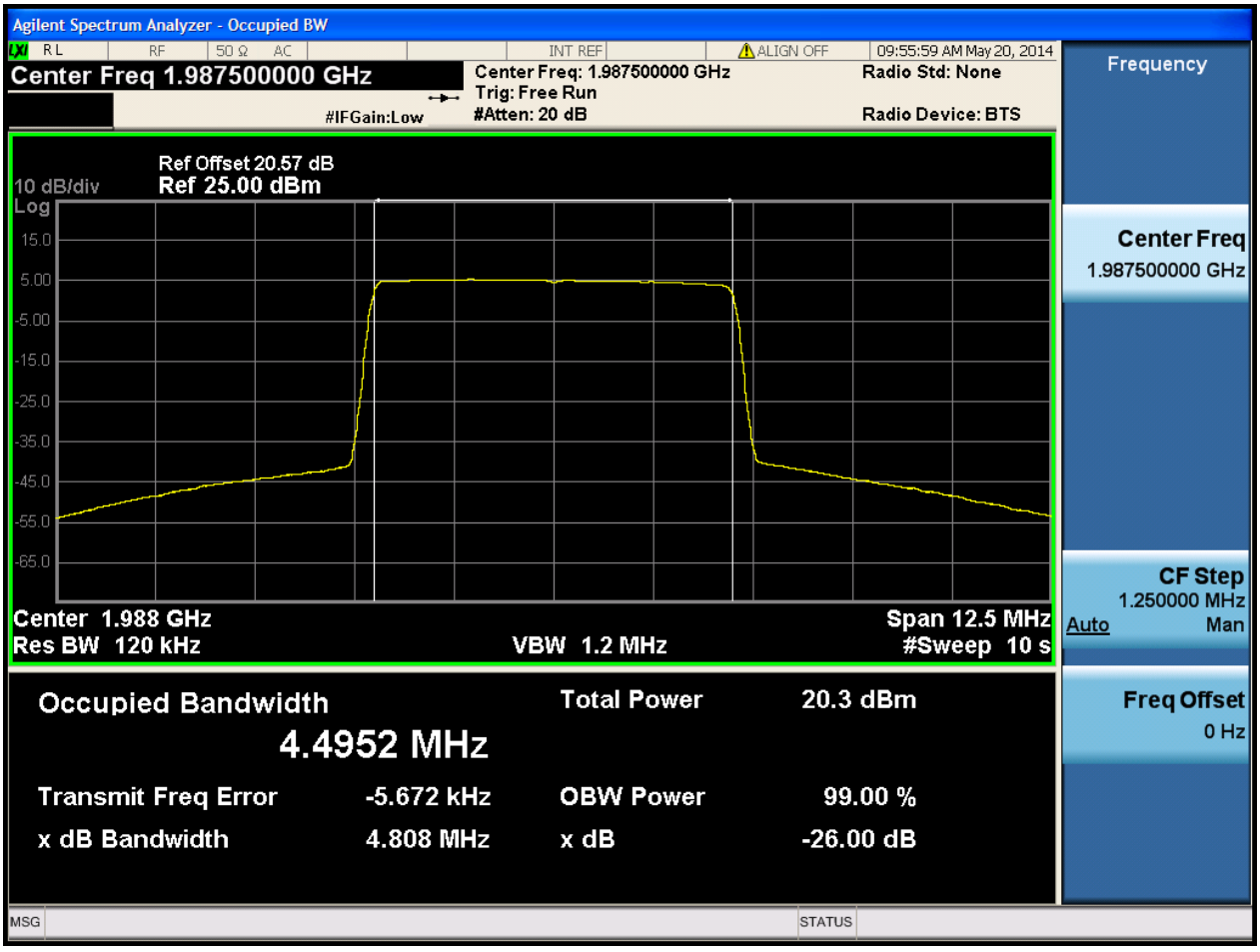
2.1.3 5M_T

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1987.5	99	Auto	RMS	4.495244	No Conclusion



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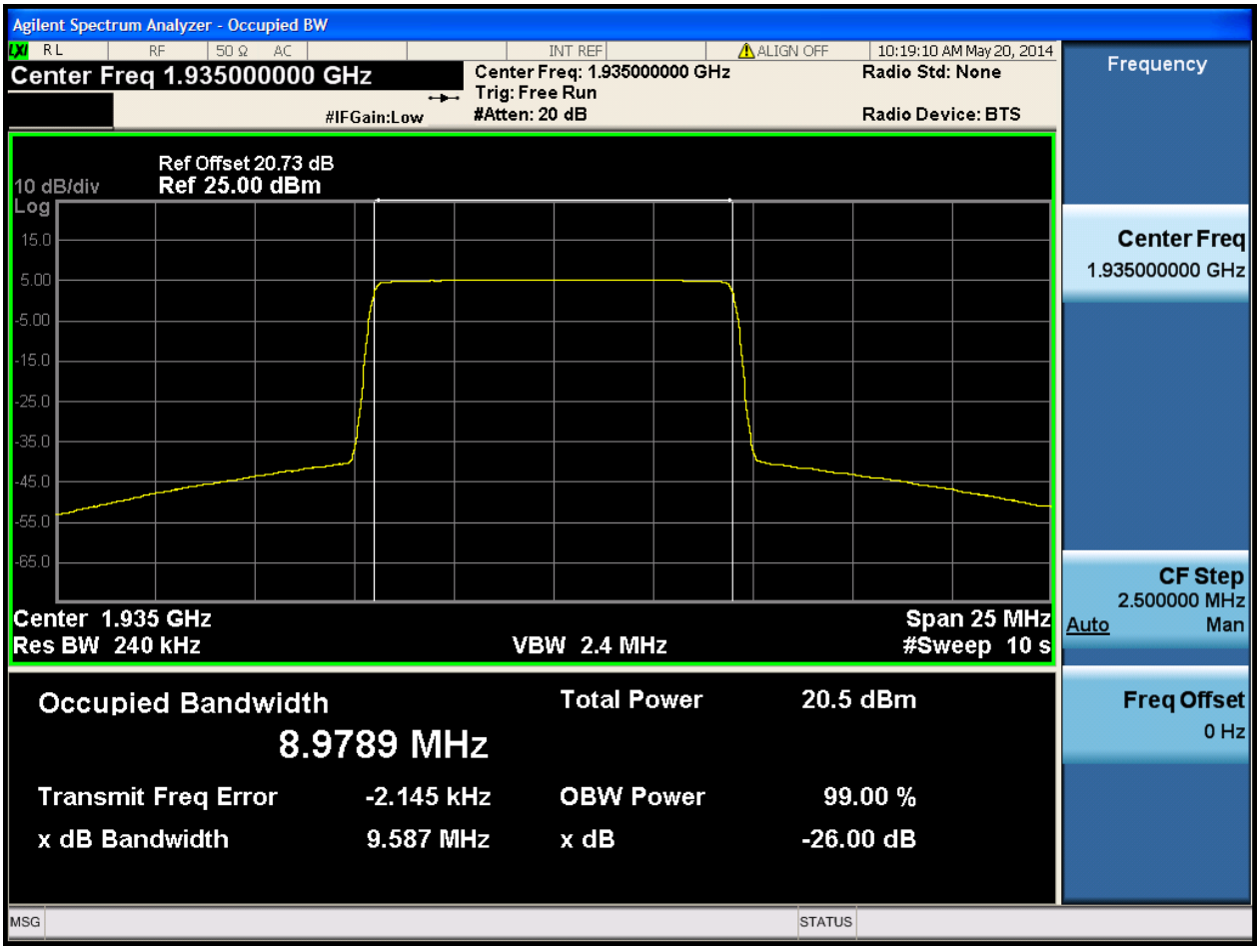
2.1.4 10M_B

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1935	99	Auto	RMS	8.978878	No Conclusion



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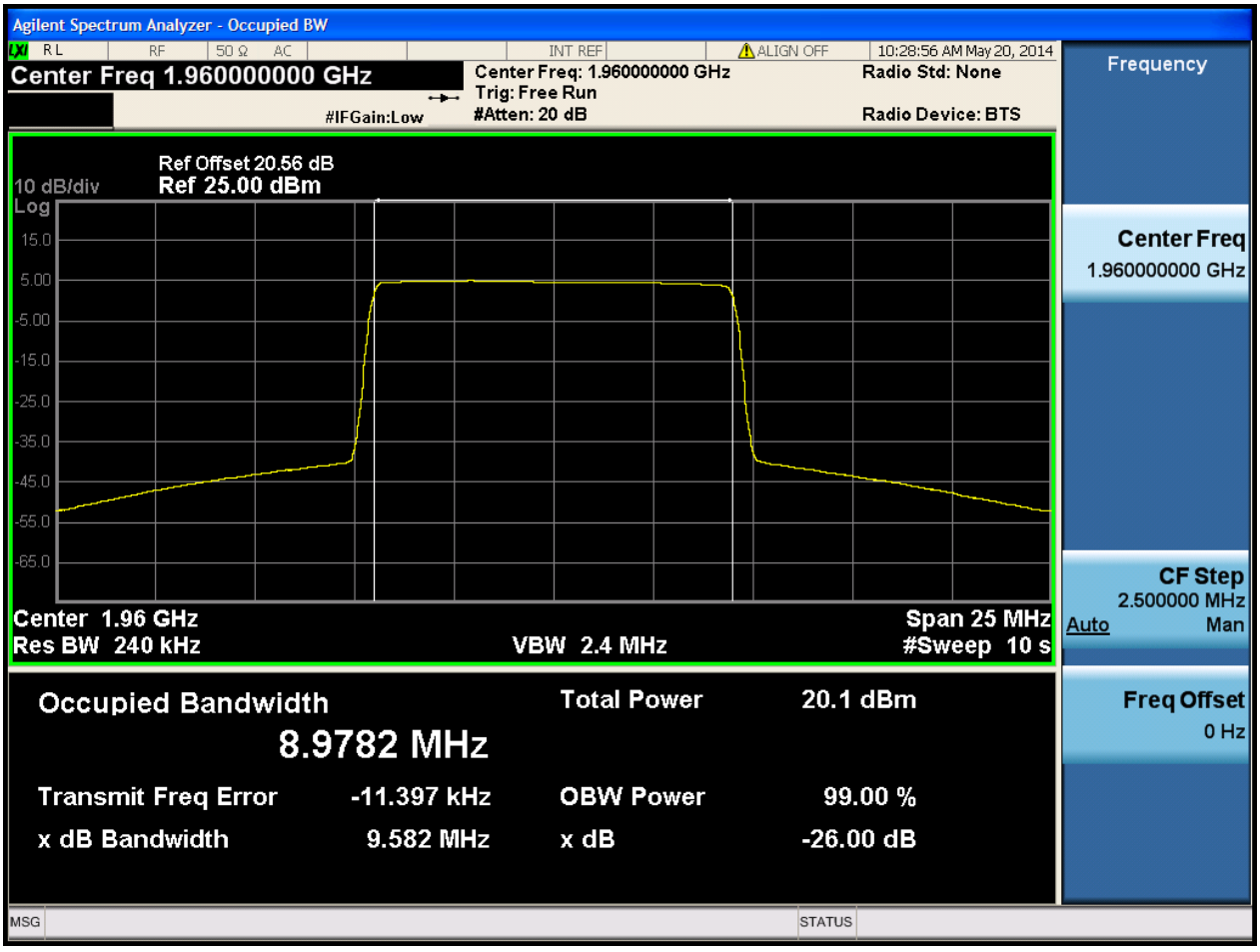
2.1.5 10M_M

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1960	99	Auto	RMS	8.978188	No Conclusion



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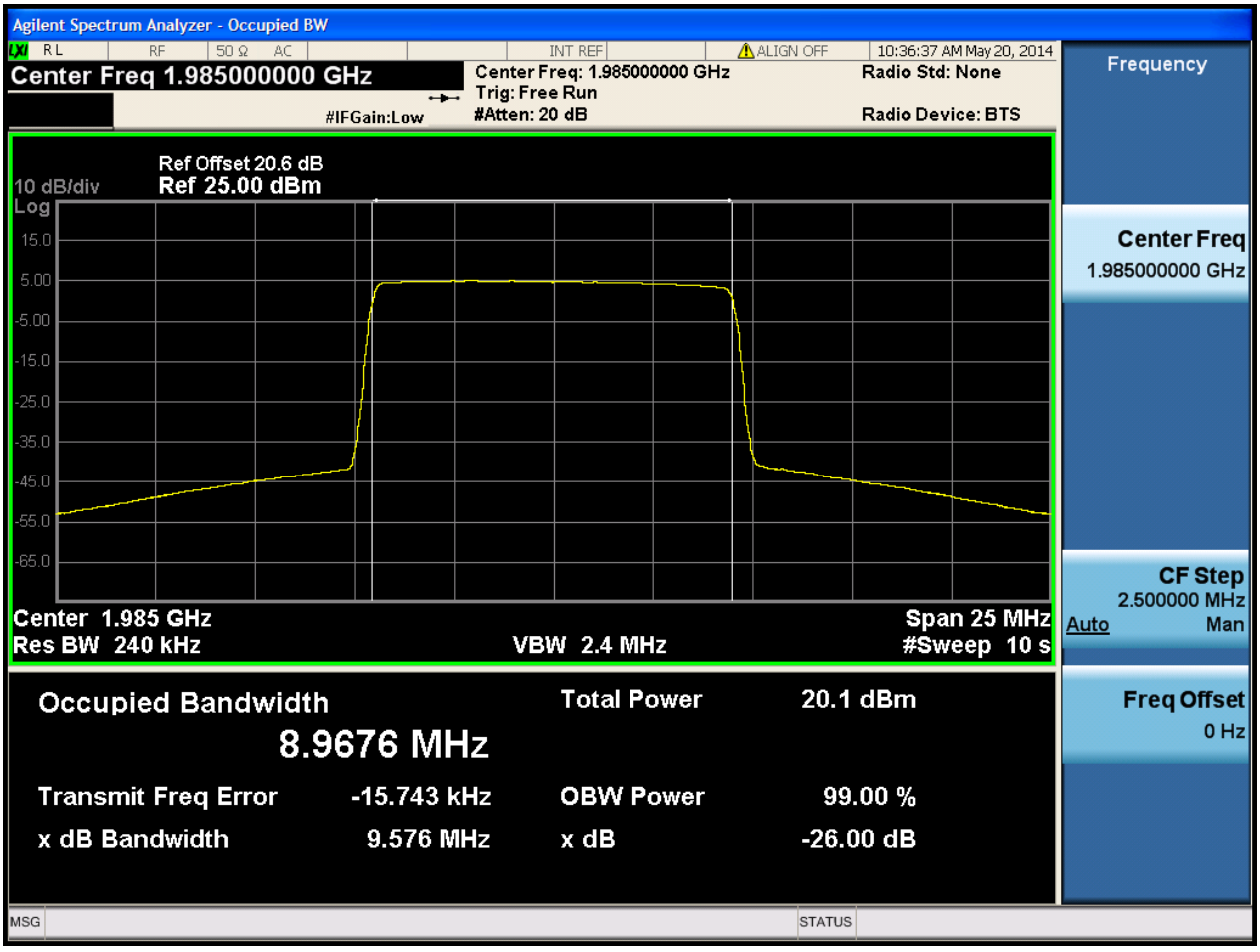
2.1.6 10M_T

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1985	99	Auto	RMS	8.967628	No Conclusion



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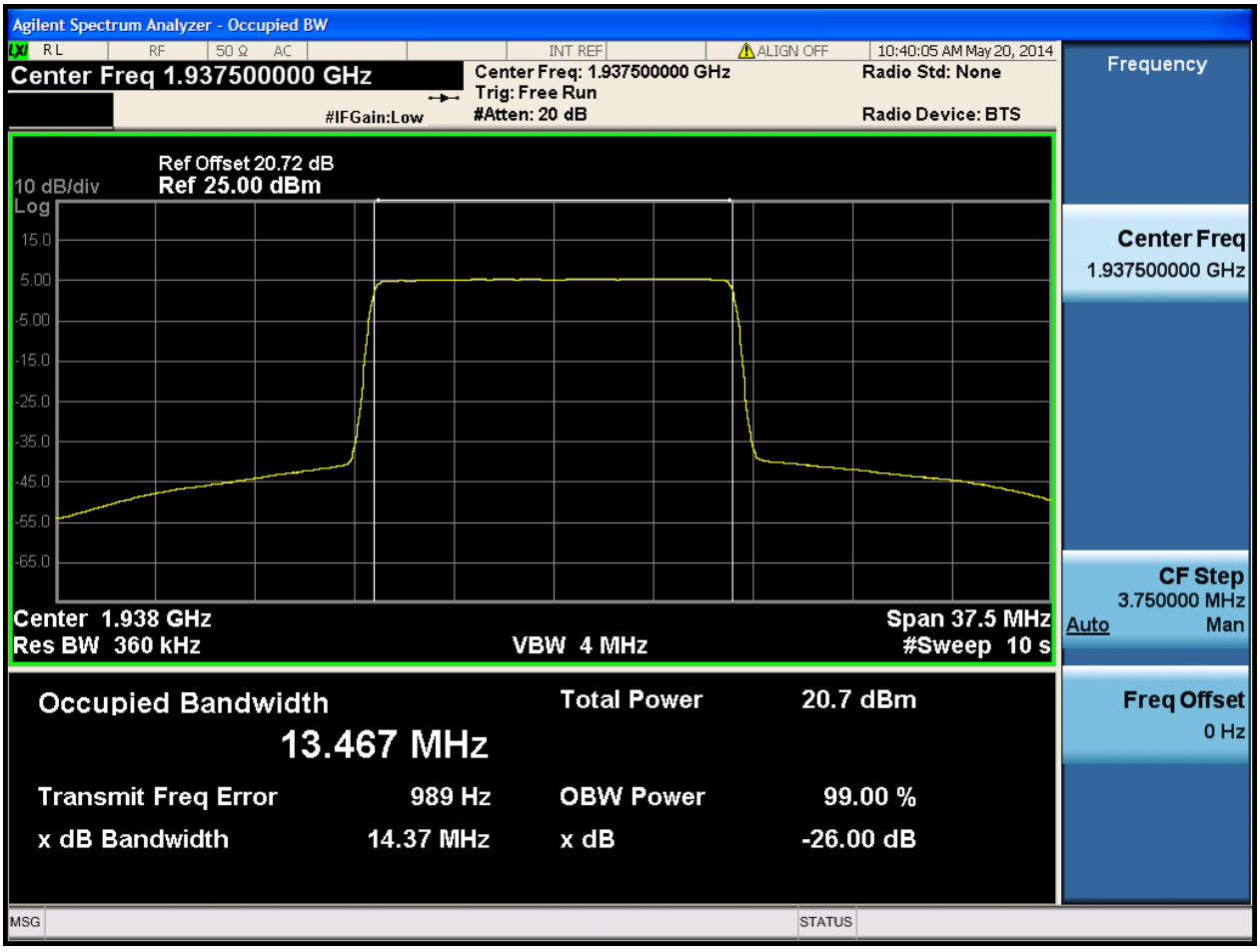
2.1.7 15M_B

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1937.5	99	Auto	RMS	13.467136	No Conclusion



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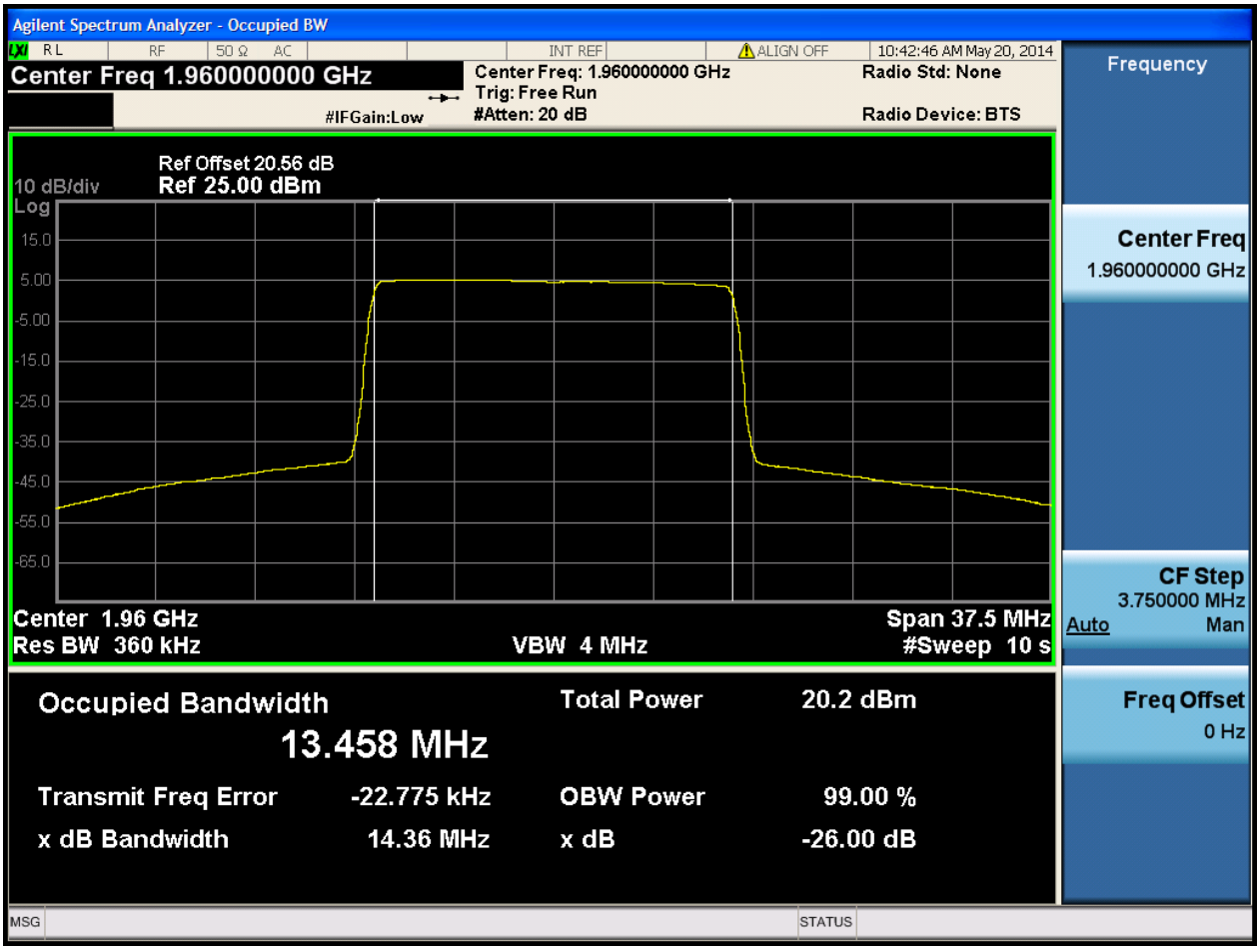
2.1.8 15M_M

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1960	99	Auto	RMS	13.458413	No Conclusion



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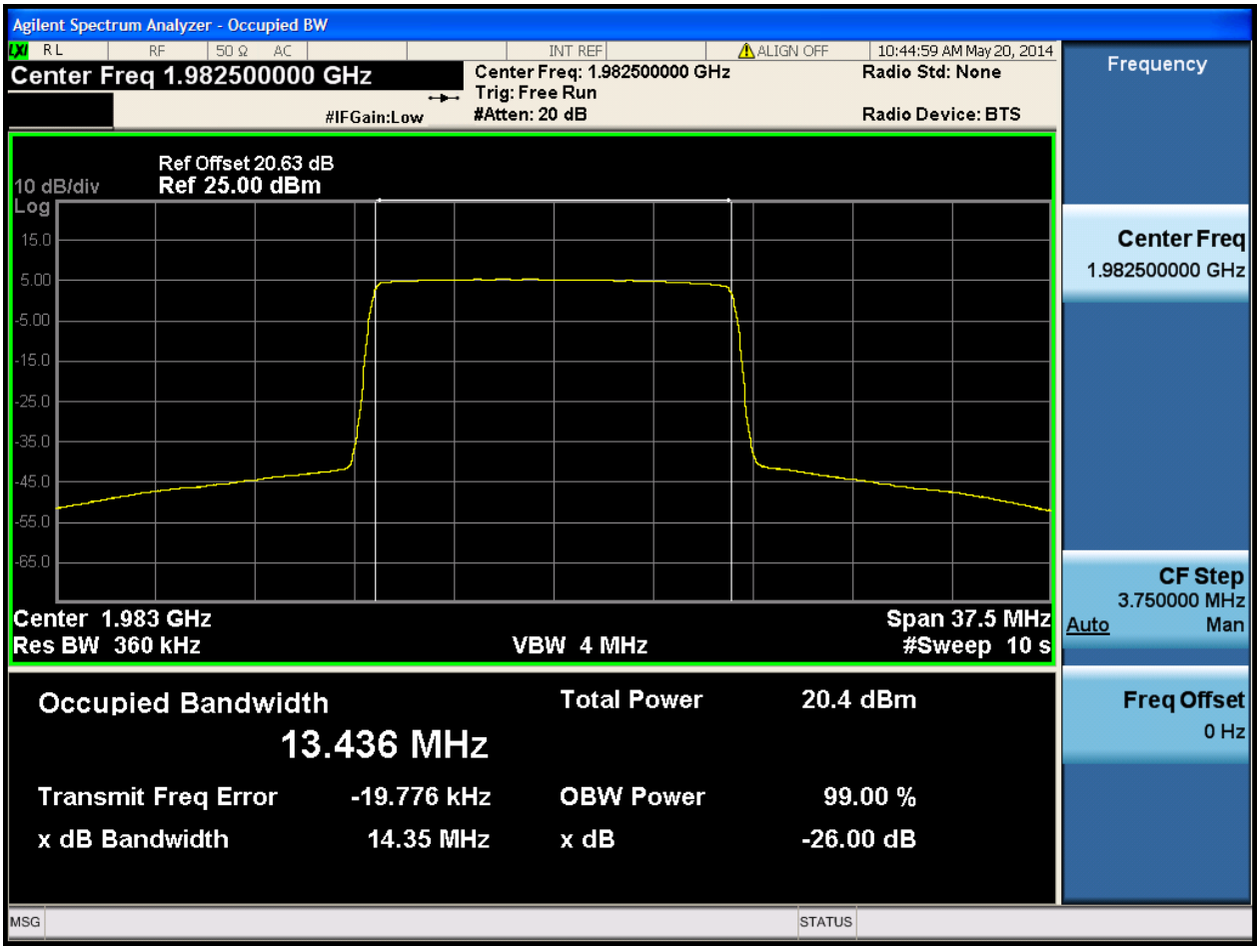
2.1.9 15M_T

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1982.5	99	Auto	RMS	13.436235	No Conclusion



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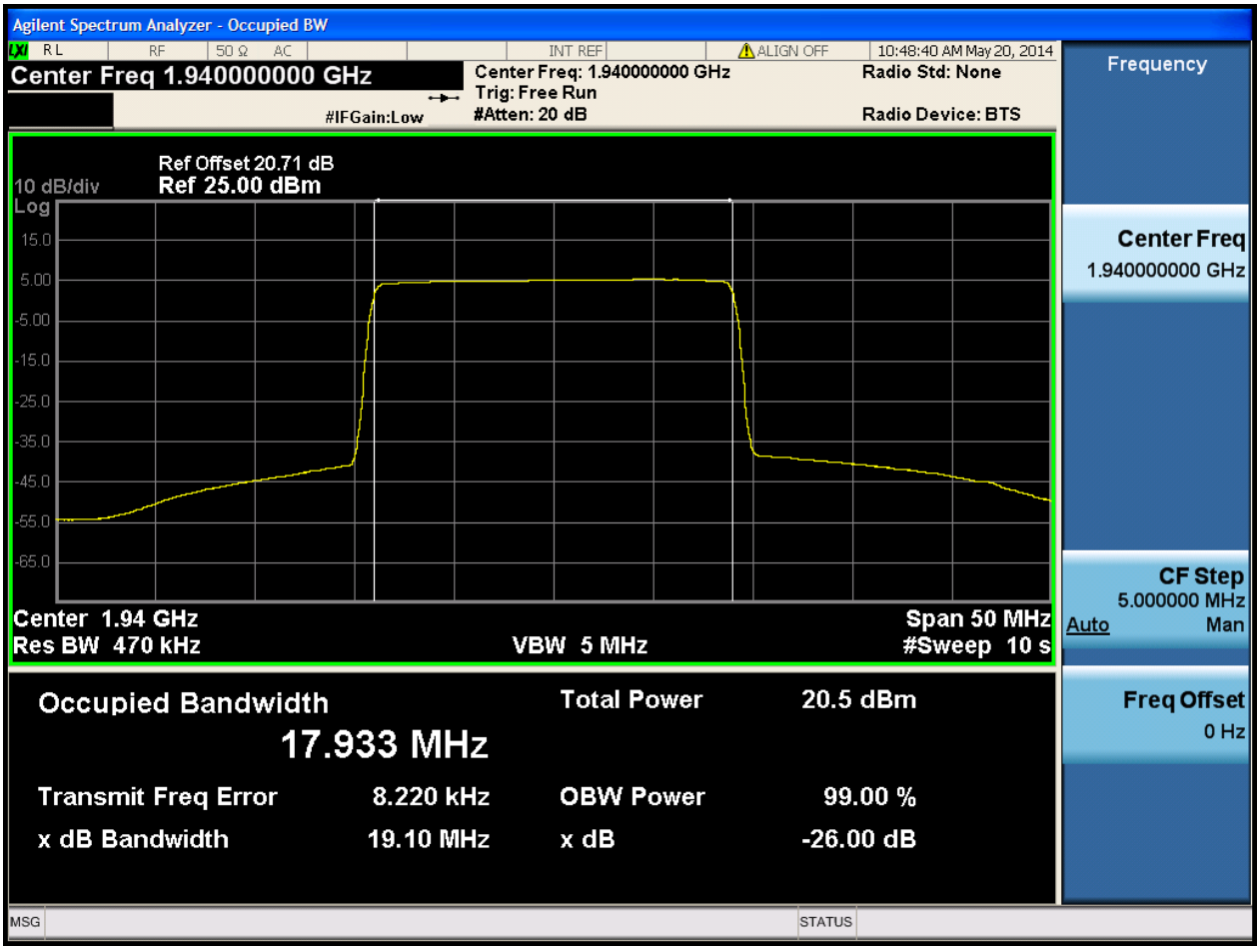
2.1.10 20M_B

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1940	99	Auto	RMS	17.933176	No Conclusion



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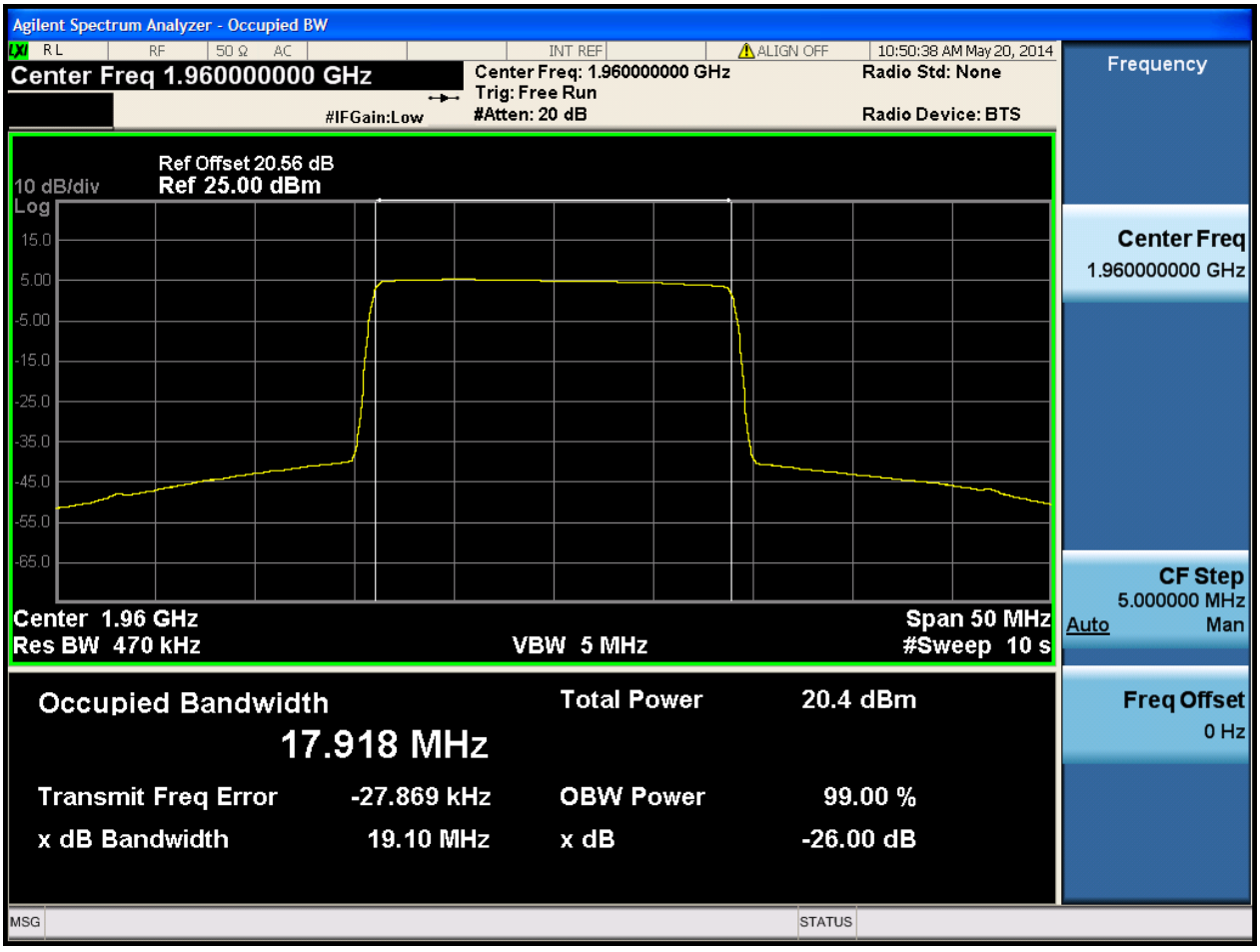
2.1.11 20M _M

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1960	99	Auto	RMS	17.917725	No Conclusion



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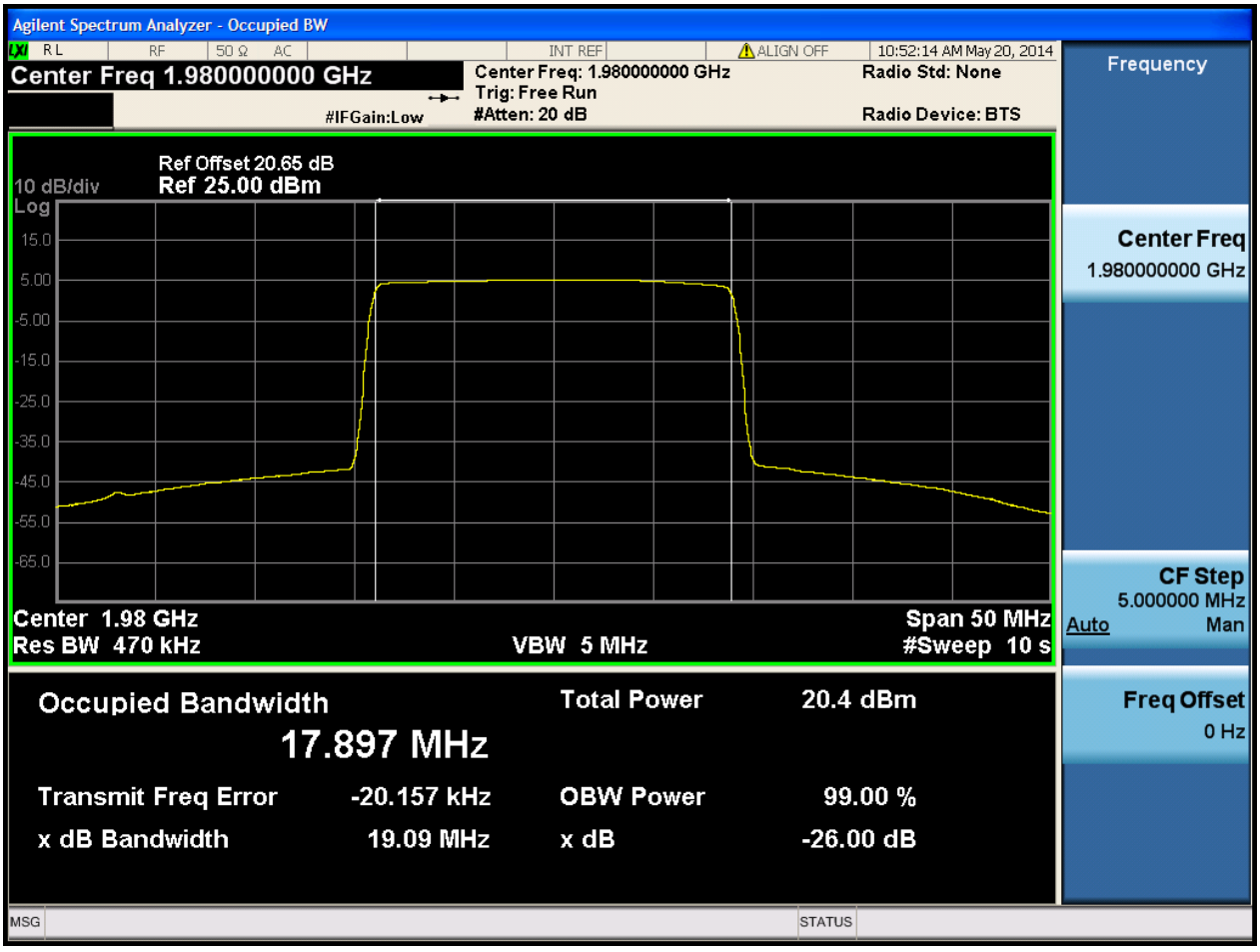
2.1.12 20M _T

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1980	99	Auto	RMS	17.896821	No Conclusion



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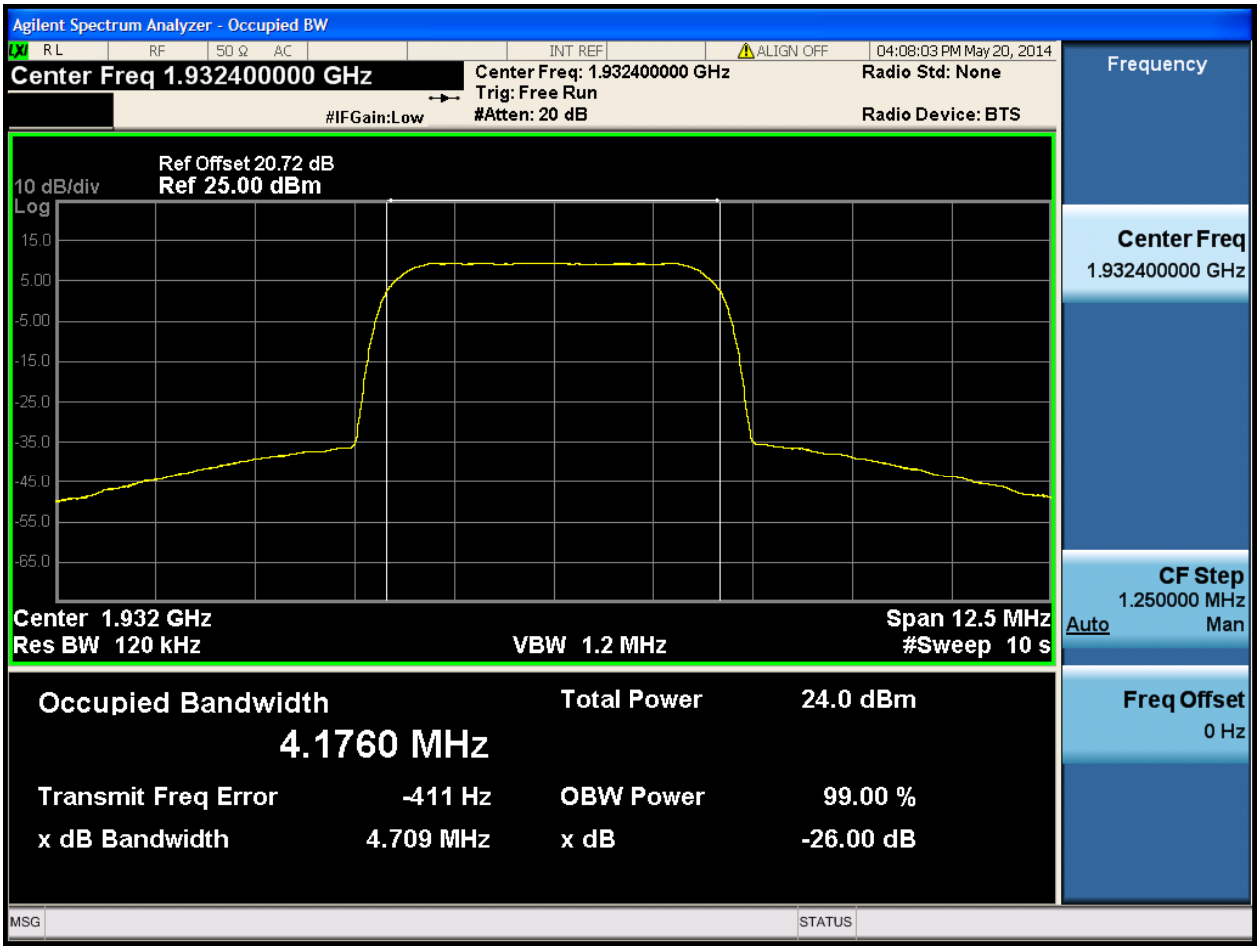
2.1.13 1U_B

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1932.4	99	Auto	RMS	4.176049	No Conclusion



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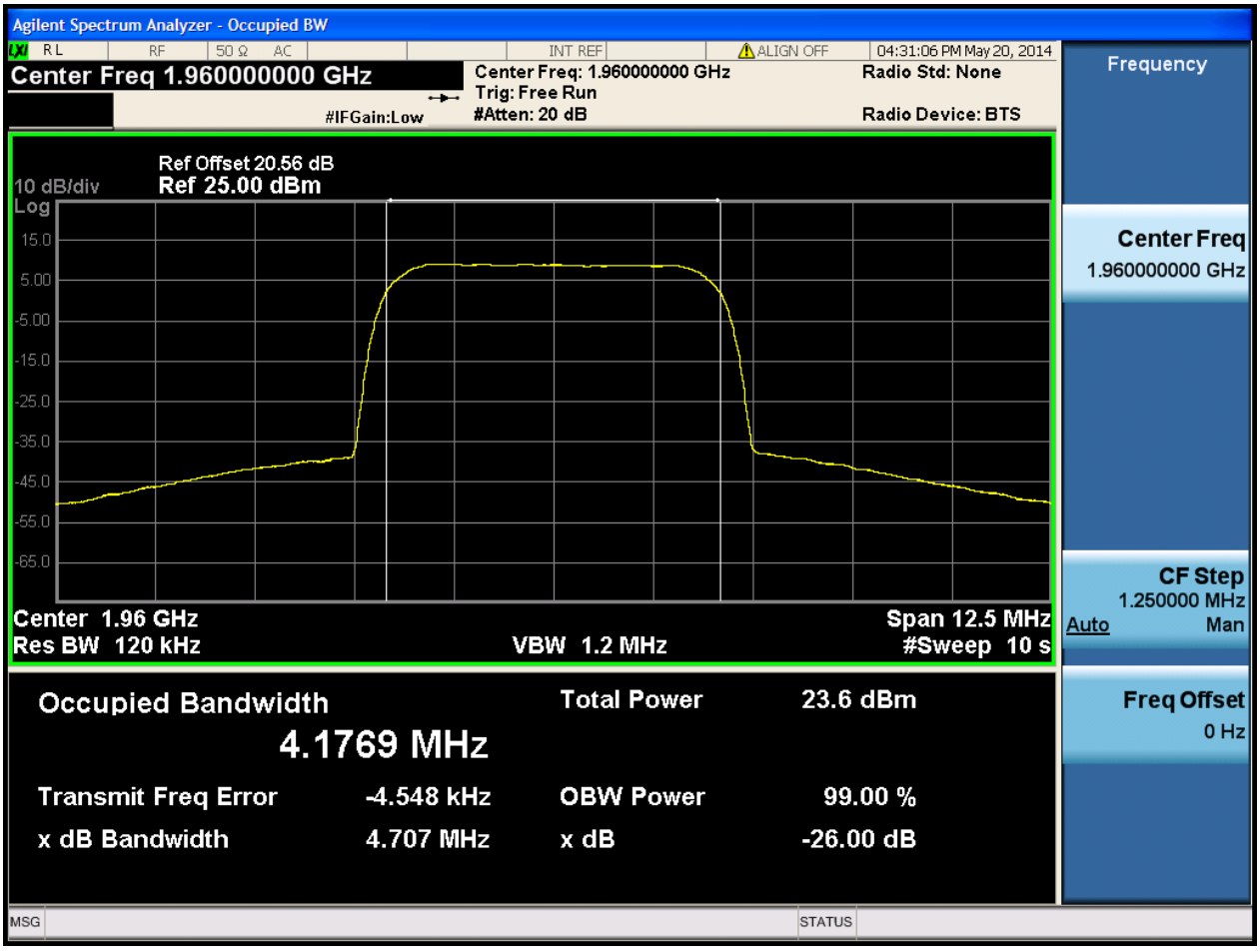
2.1.14 1U_M

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1960	99	Auto	RMS	4.176861	No Conclusion



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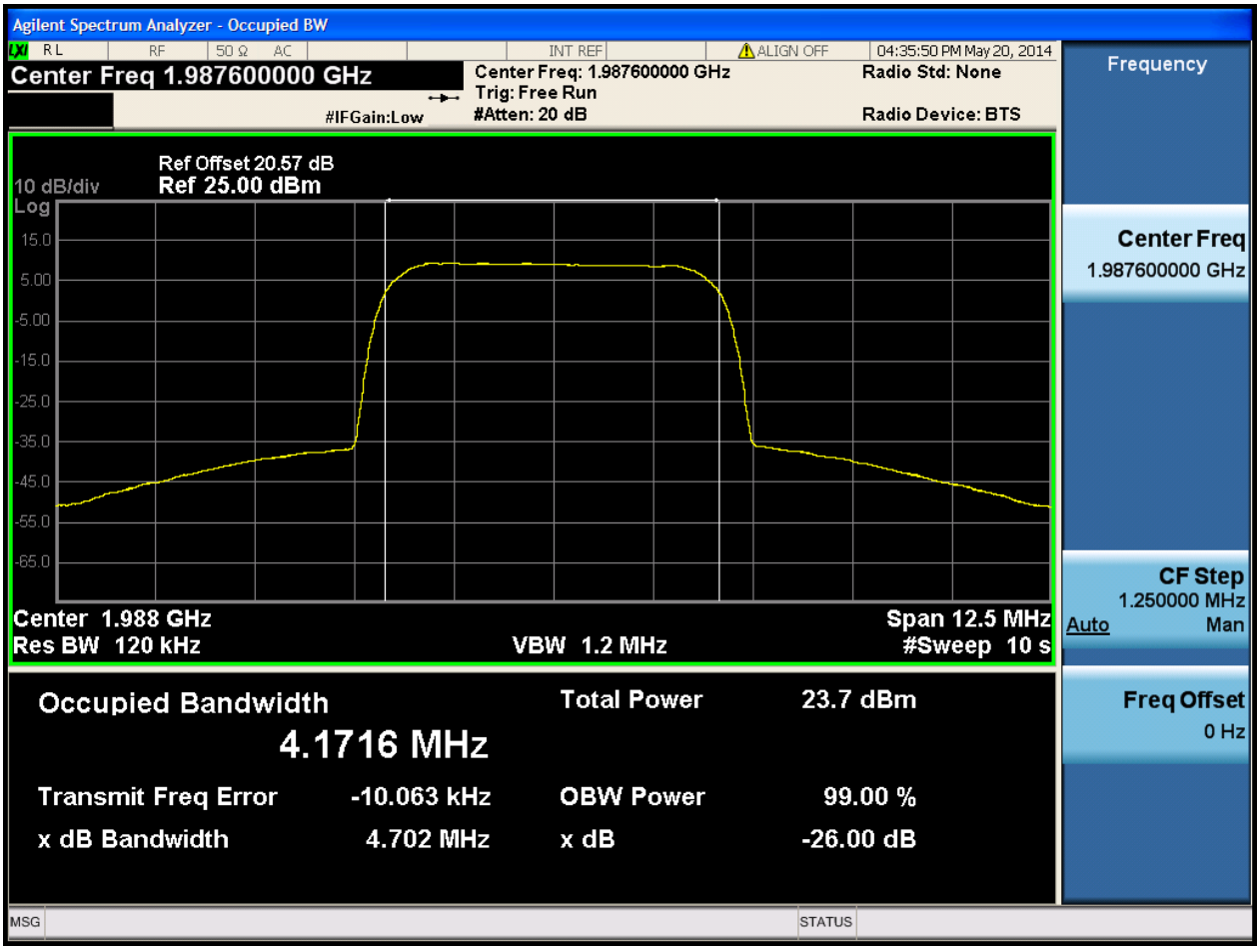
2.1.15 1U_T

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
1987.6	99	Auto	RMS	4.171563	No Conclusion



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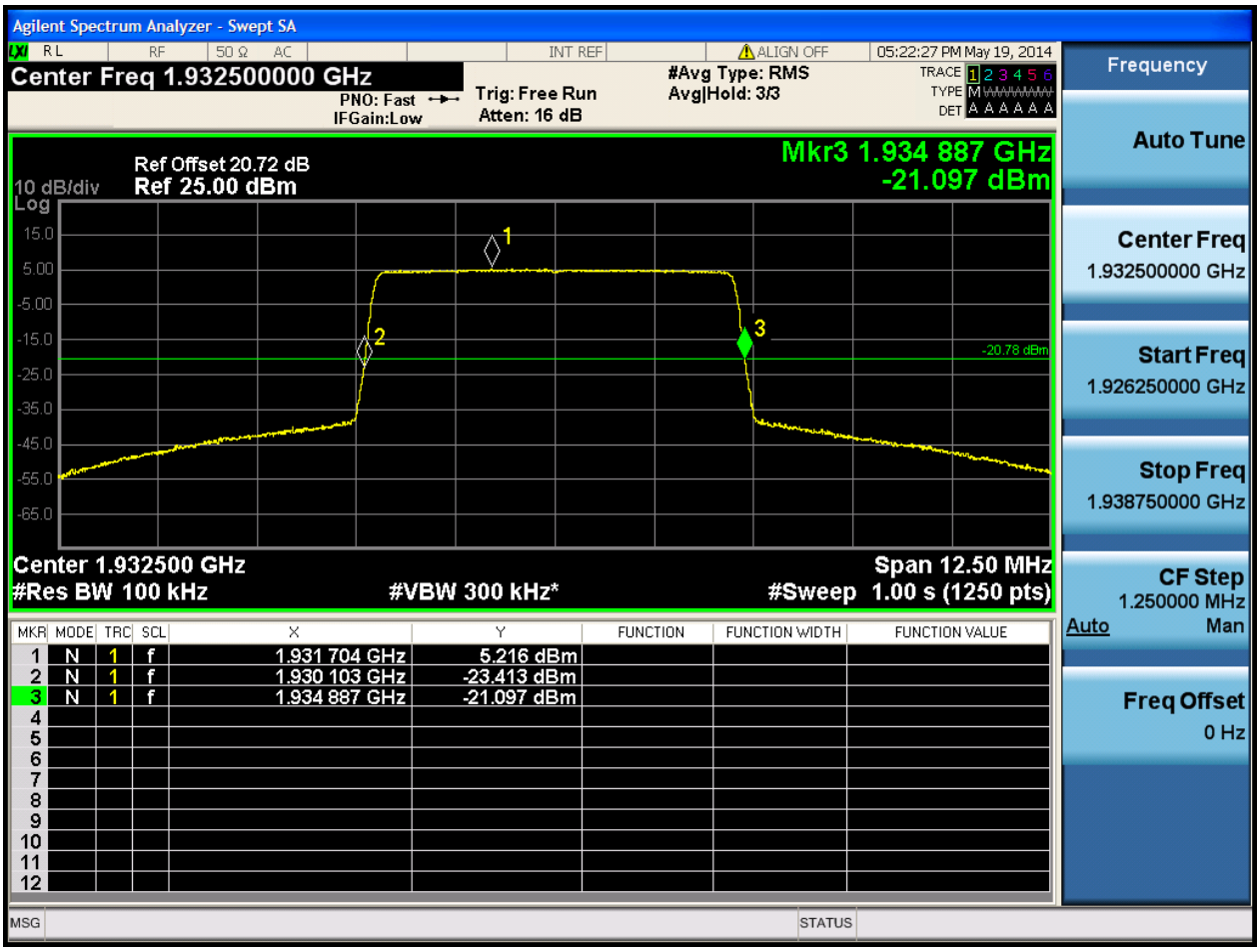
2.2 Emission Bandwidth

2.2.1 5M_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
1932.5	12.5	26	0.1	RMS	4.783872	5	1930.10304	1930	1934.886912	1990	Pass



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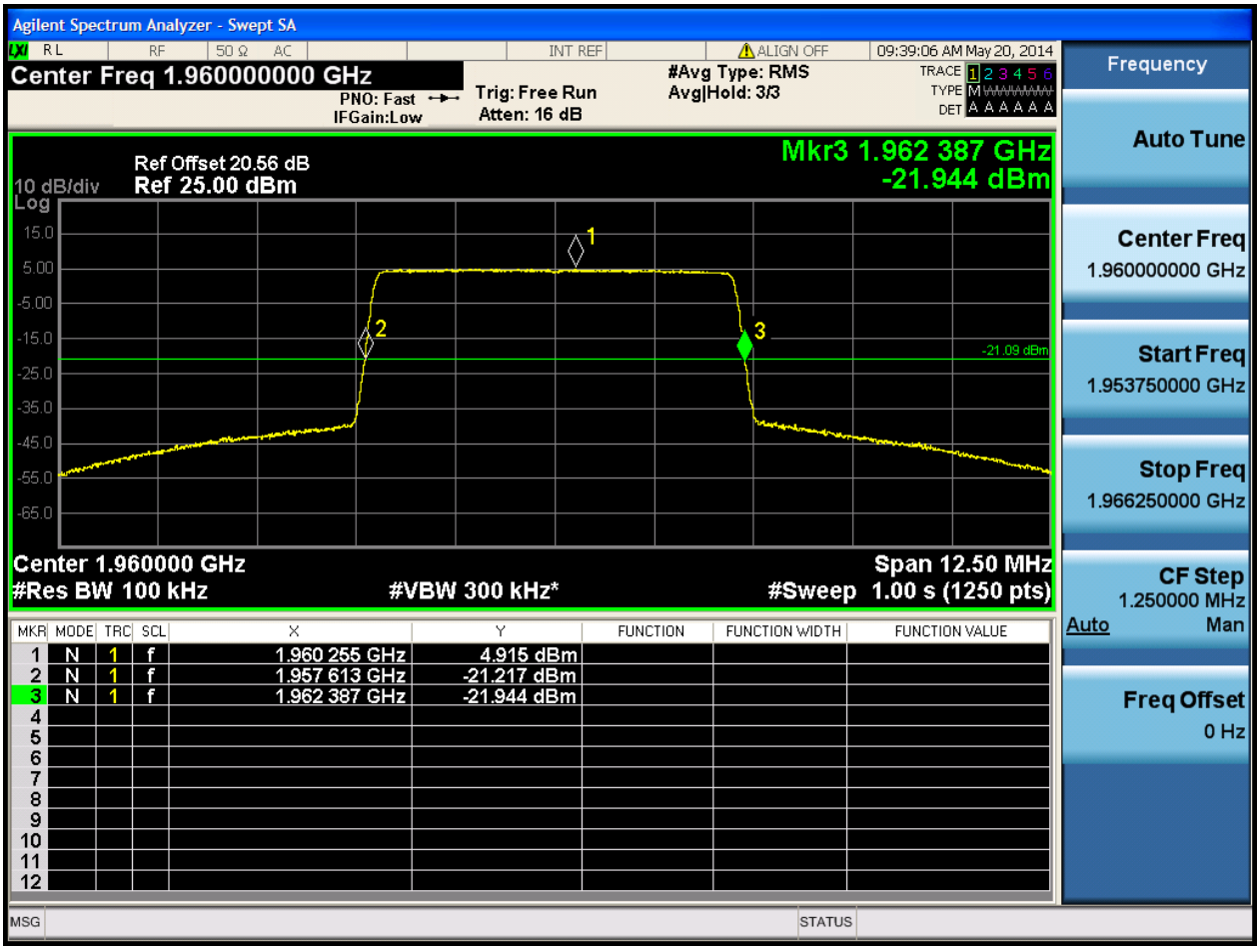
2.2.2 5M_M

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	4.773888	5	1957.613056	1930	1962.386944	1990	Pass



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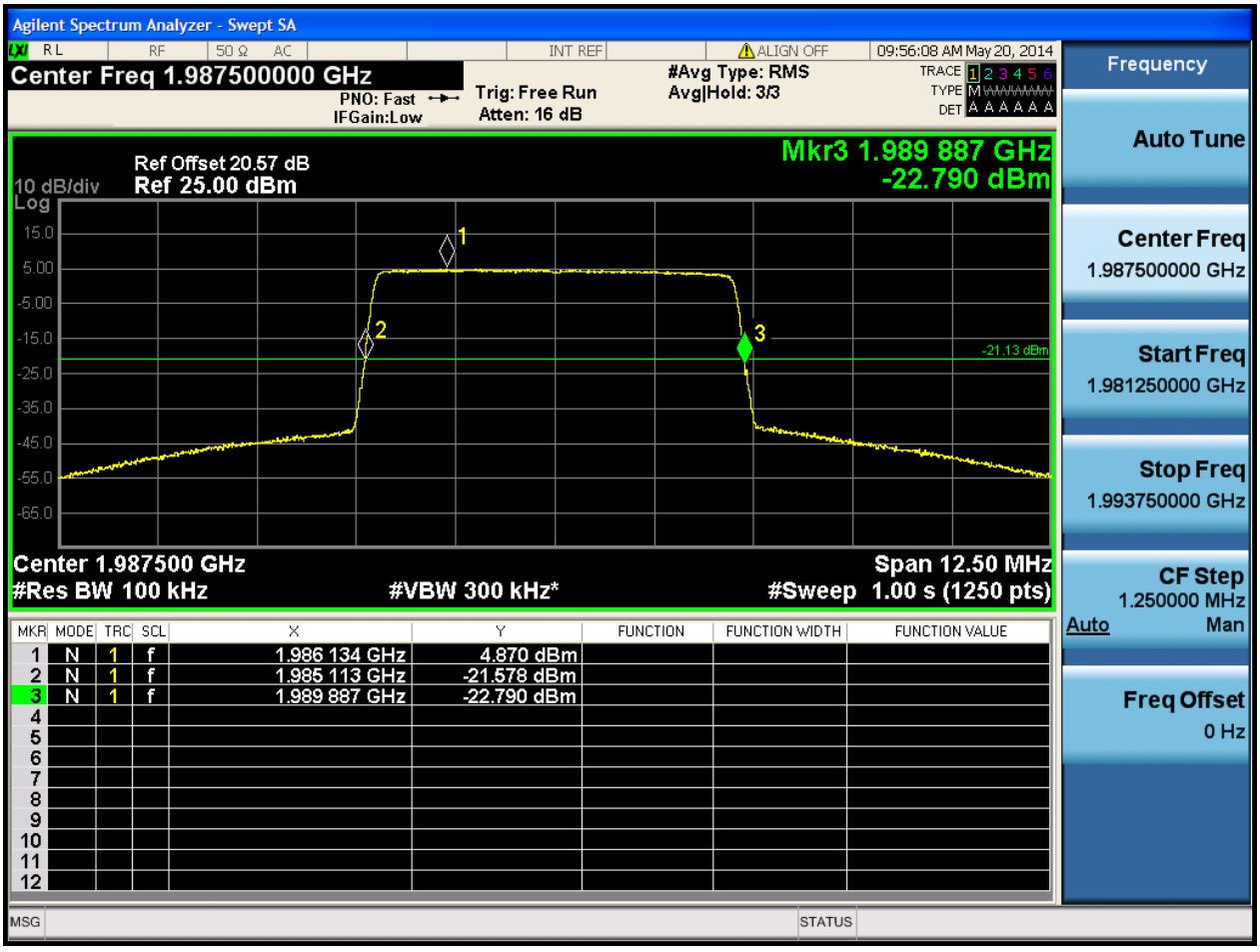
2.2.3 5M_T

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
1987.5	12.5	26	0.1	RMS	4.77376	5	1985.113088	1930	1989.886848	1990	Pass



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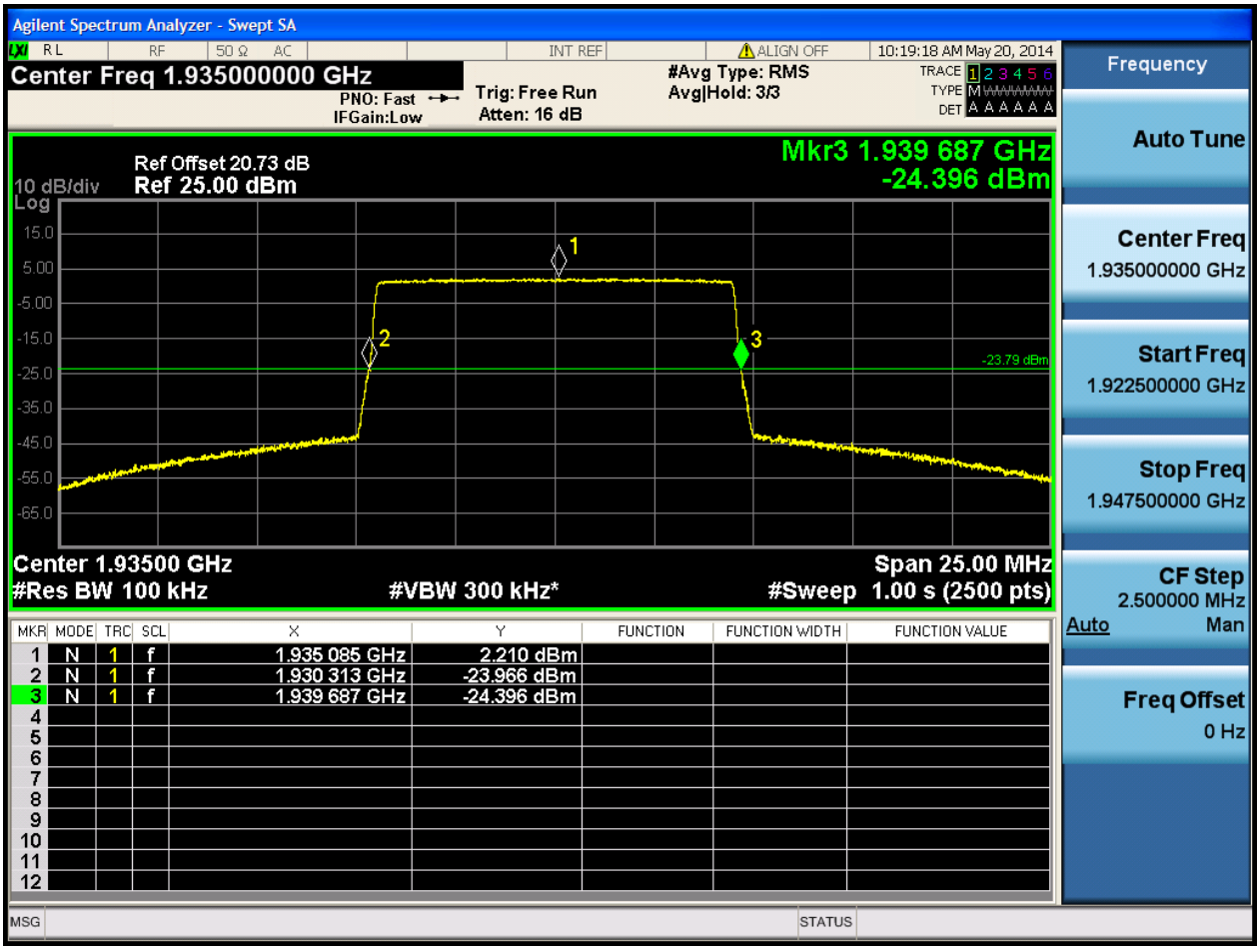
2.2.4 10M_B

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
1935	25	26	0.1	RMS	9.373824	10	1930.313088	1930	1939.686912	1990	Pass



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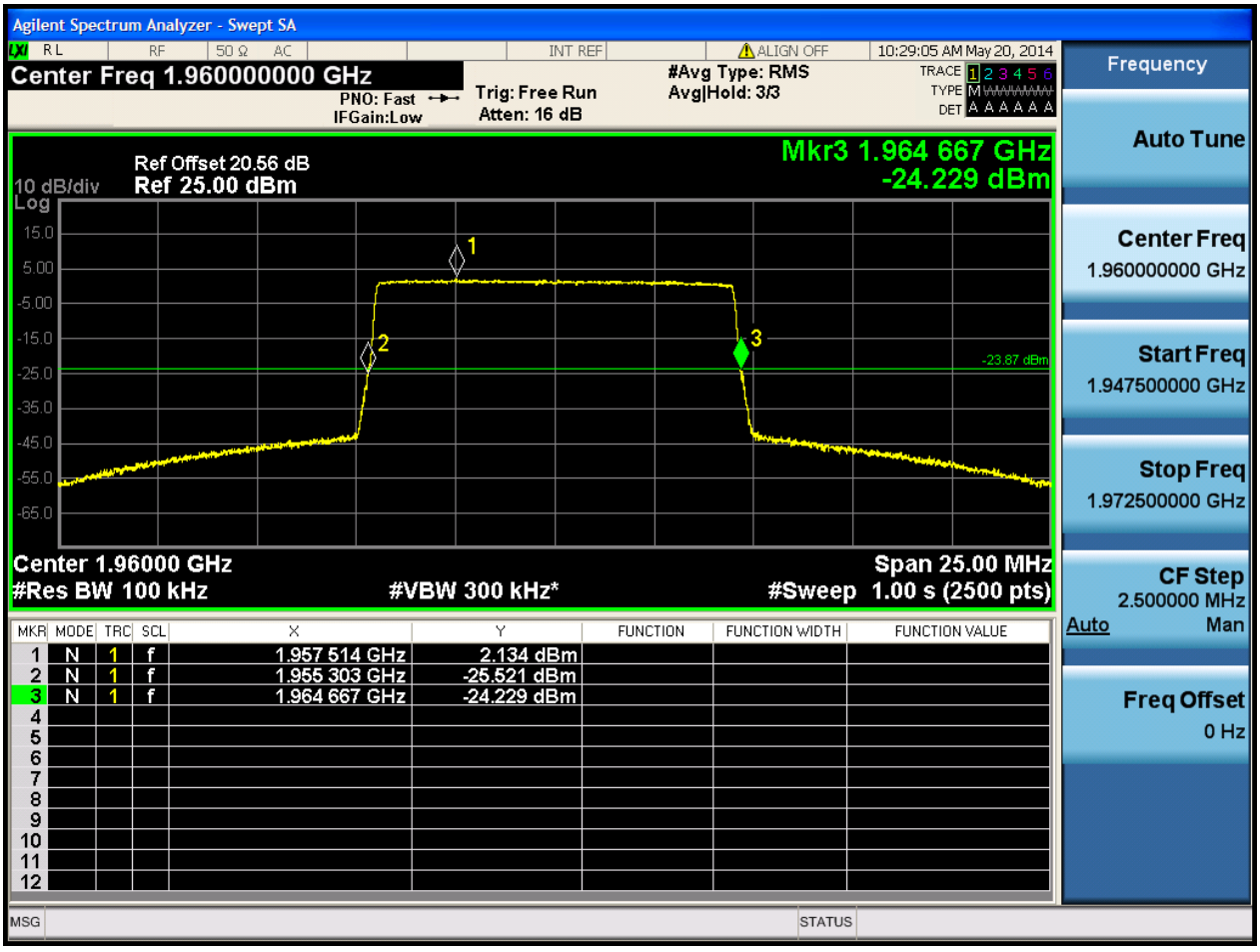
2.2.5 10M_M

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	25	26	0.1	RMS	9.363712	10	1955.303168	1930	1964.66688	1990	Pass



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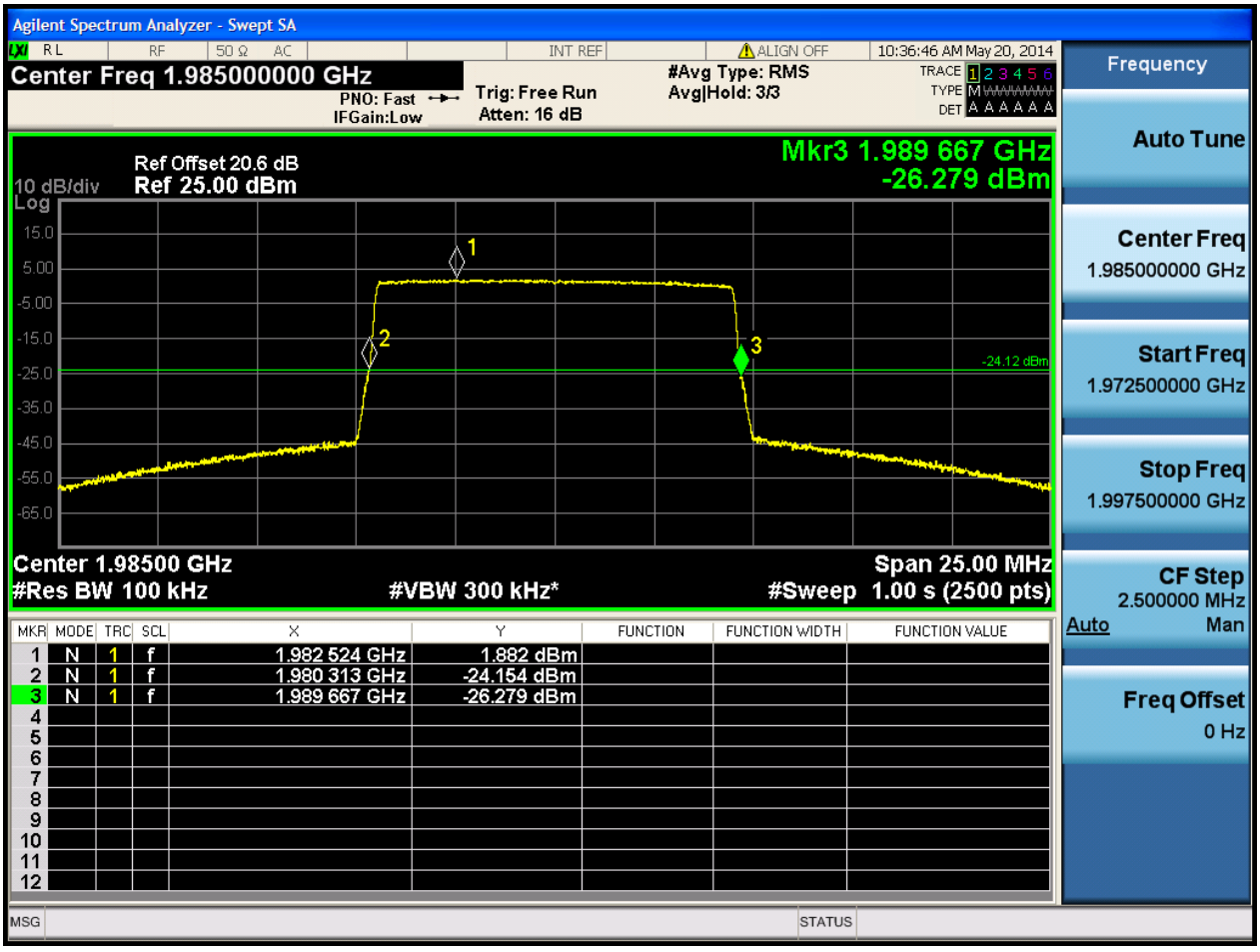
2.2.6 10M_T

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
1985	25	26	0.1	RMS	9.353728	10	1980.313088	1930	1989.666816	1990	Pass



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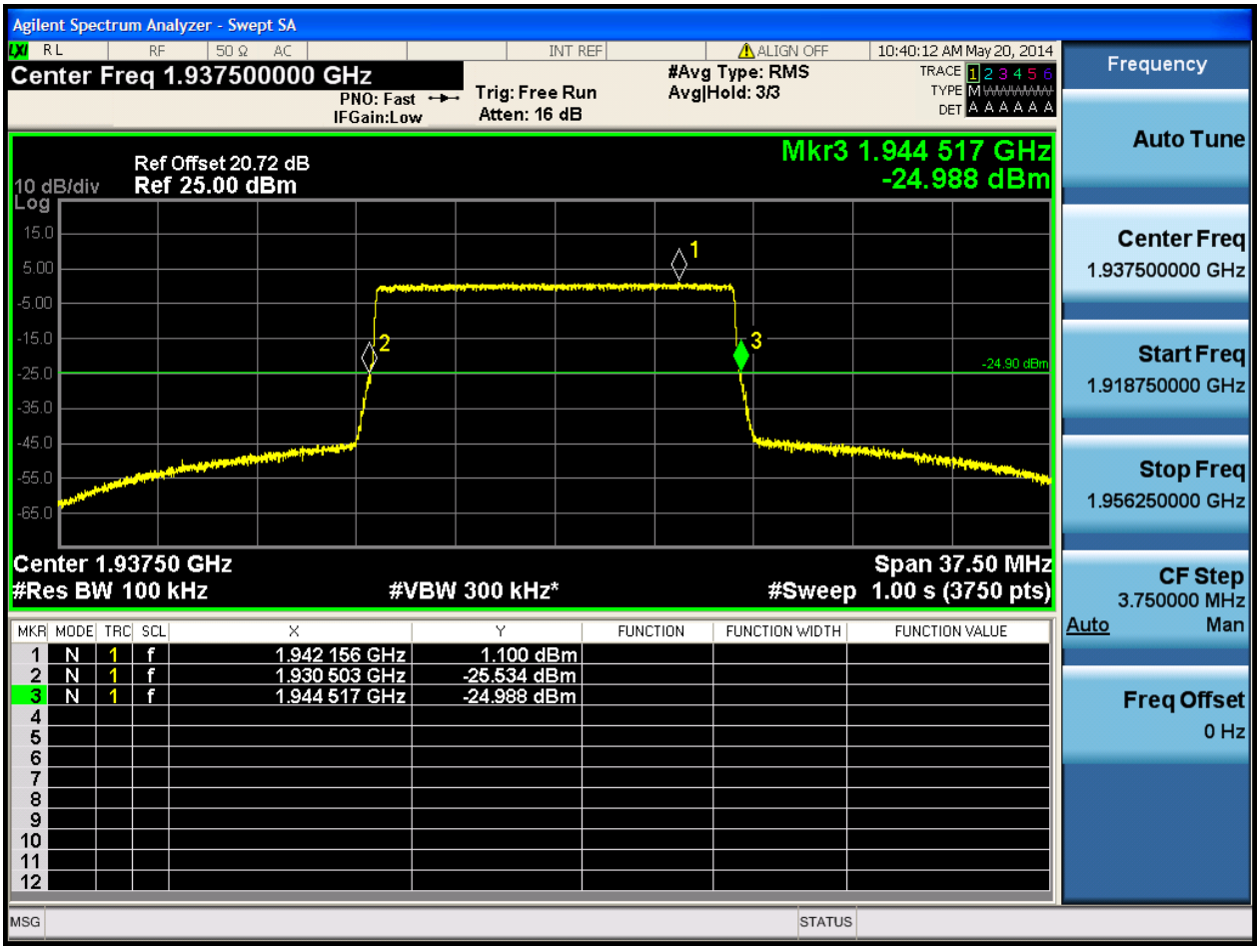
2.2.7 15M_B

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
1937.5	37.5	26	0.1	RMS	14.013696	15	1930.503168	1930	1944.516864	1990	Pass



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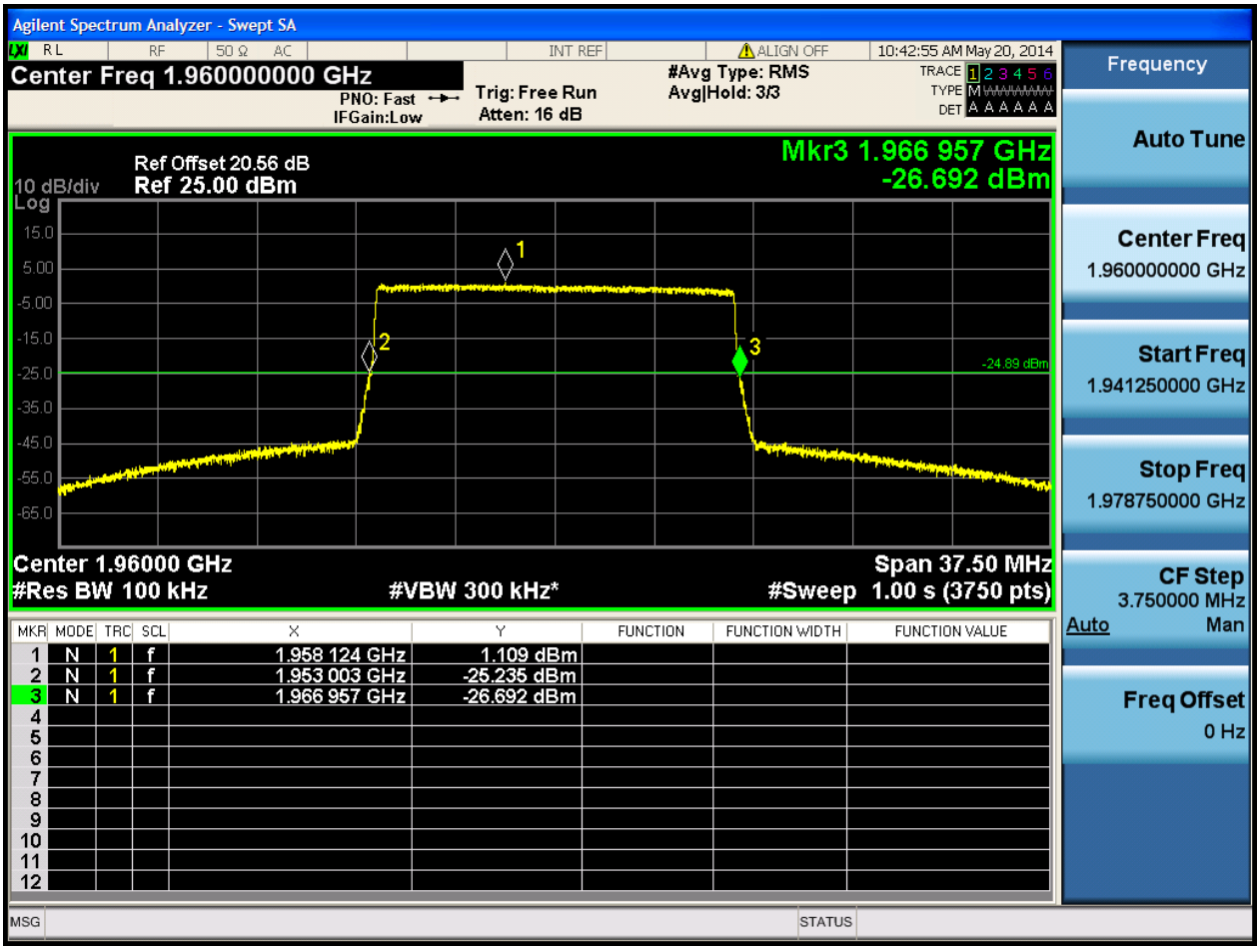
2.2.8 15M_M

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	37.5	26	0.1	RMS	13.953664	15	1953.003136	1930	1966.9568	1990	Pass



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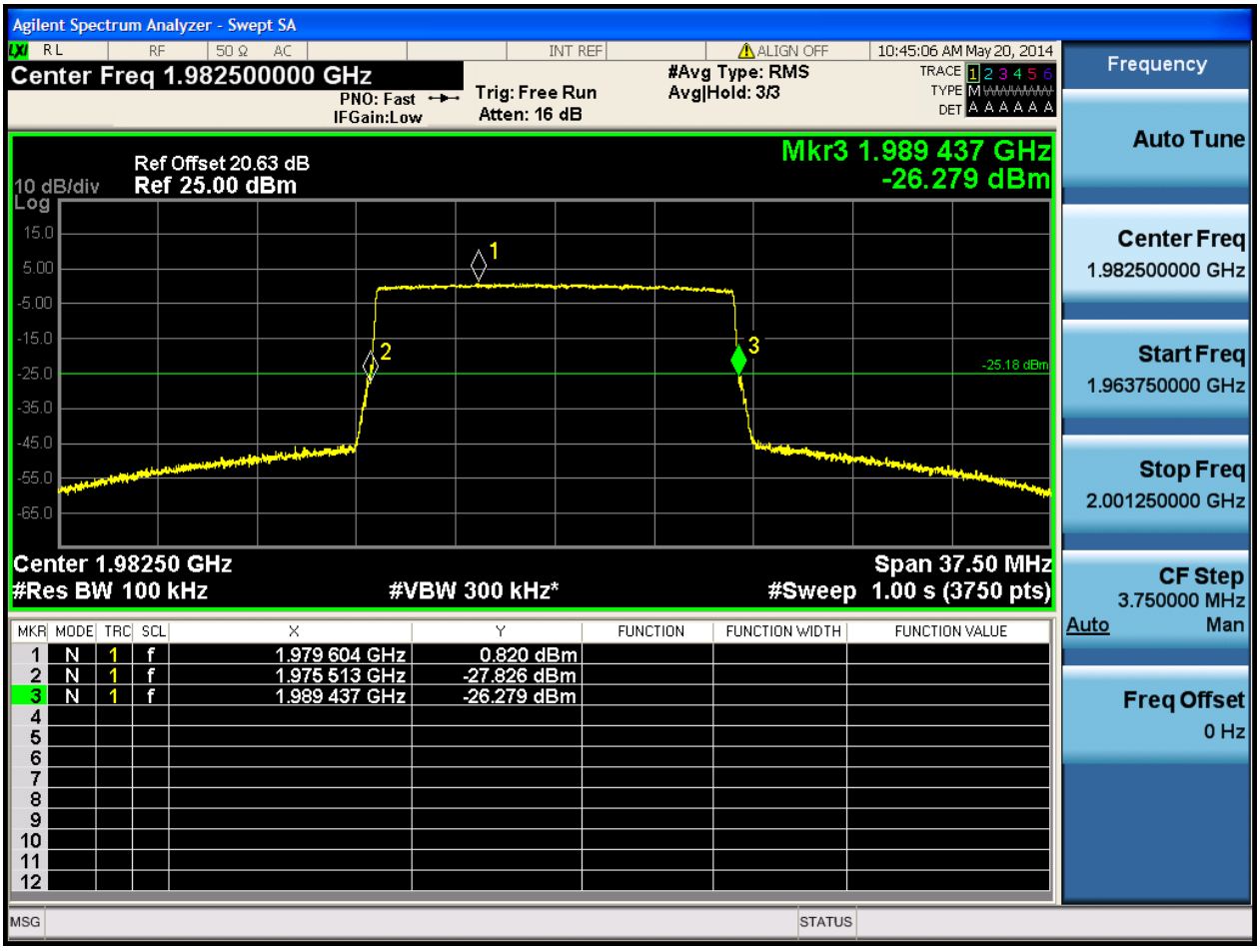
2.2.9 15M_T

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
1982.5	37.5	26	0.1	RMS	13.923712	15	1975.513088	1930	1989.4368	1990	Pass



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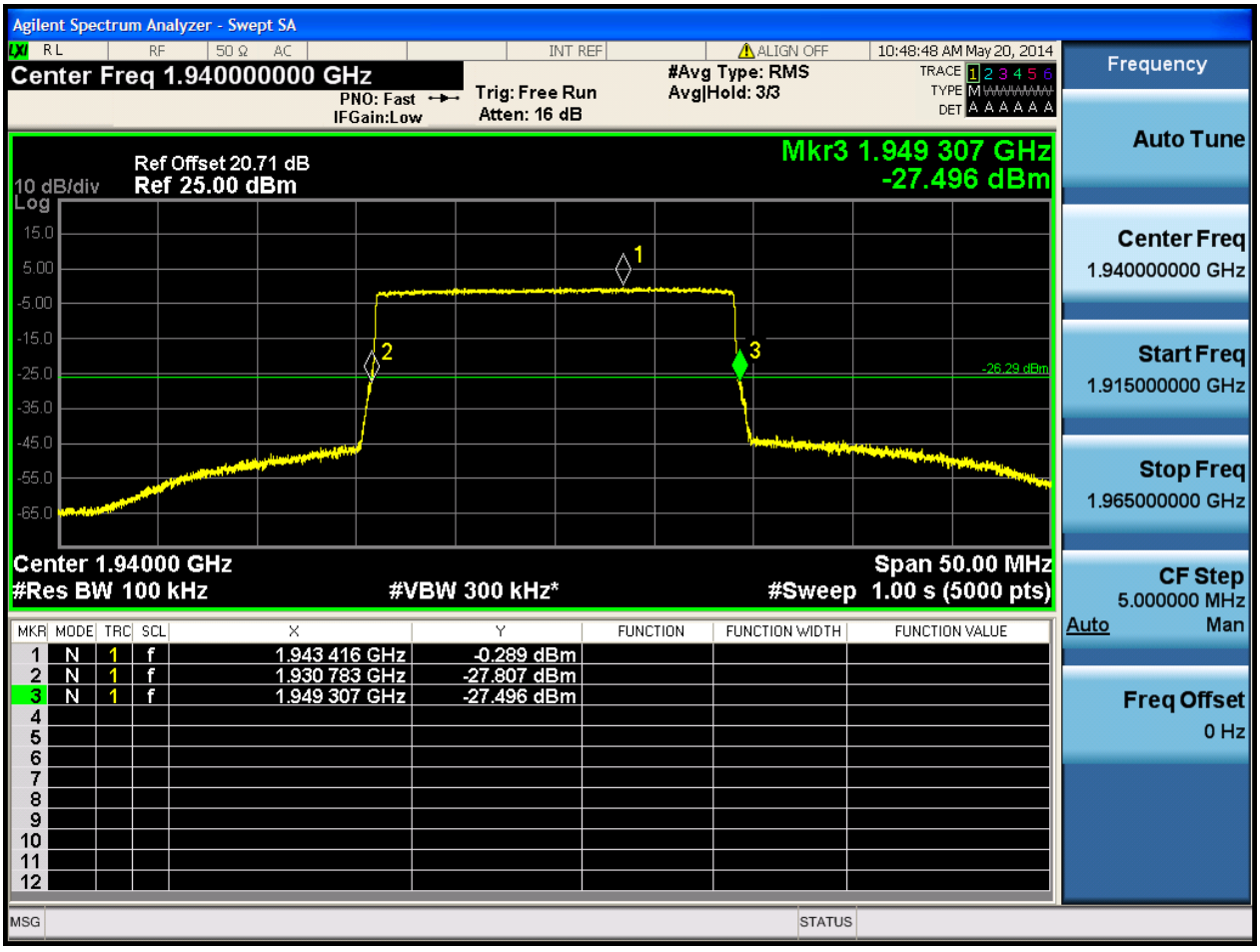
2.2.10 20M_B

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	18.523776	20	1930.783104	1930	1949.30688	1990	Pass



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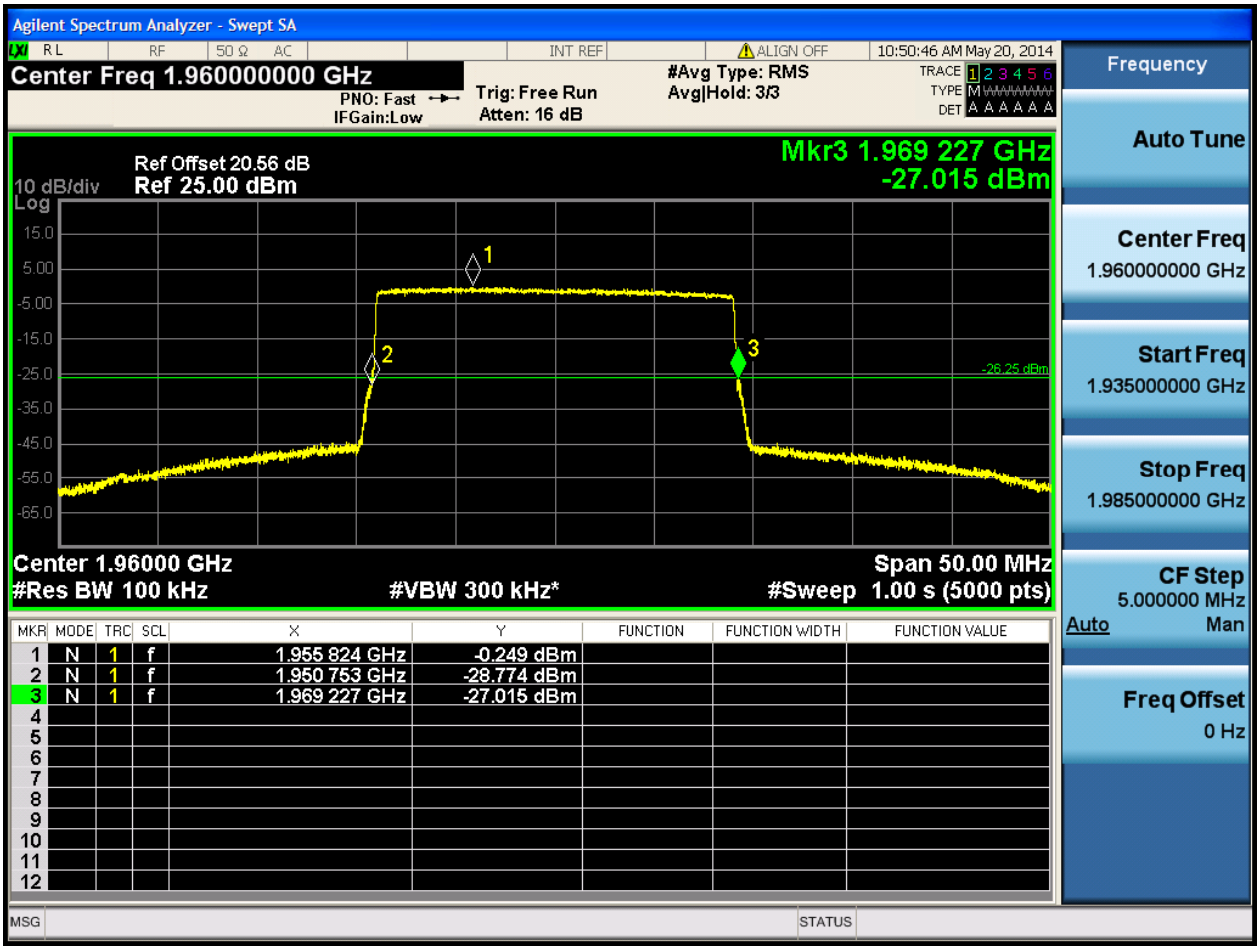
2.2.11 20M _M

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	18.473728	20	1950.753152	1930	1969.22688	1990	Pass



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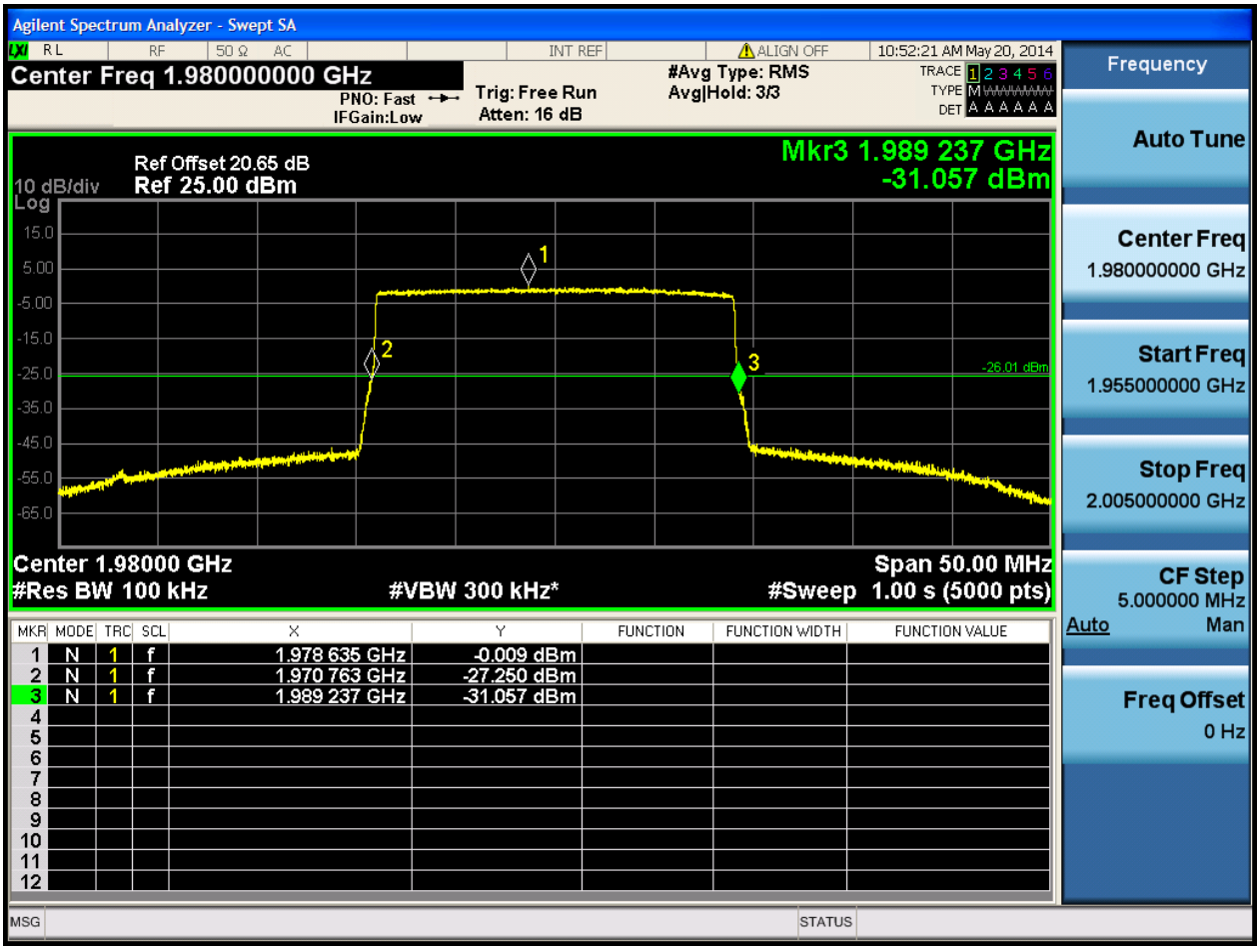
2.2.12 20M _T

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	18.473728	20	1970.763136	1930	1989.236864	1990	Pass



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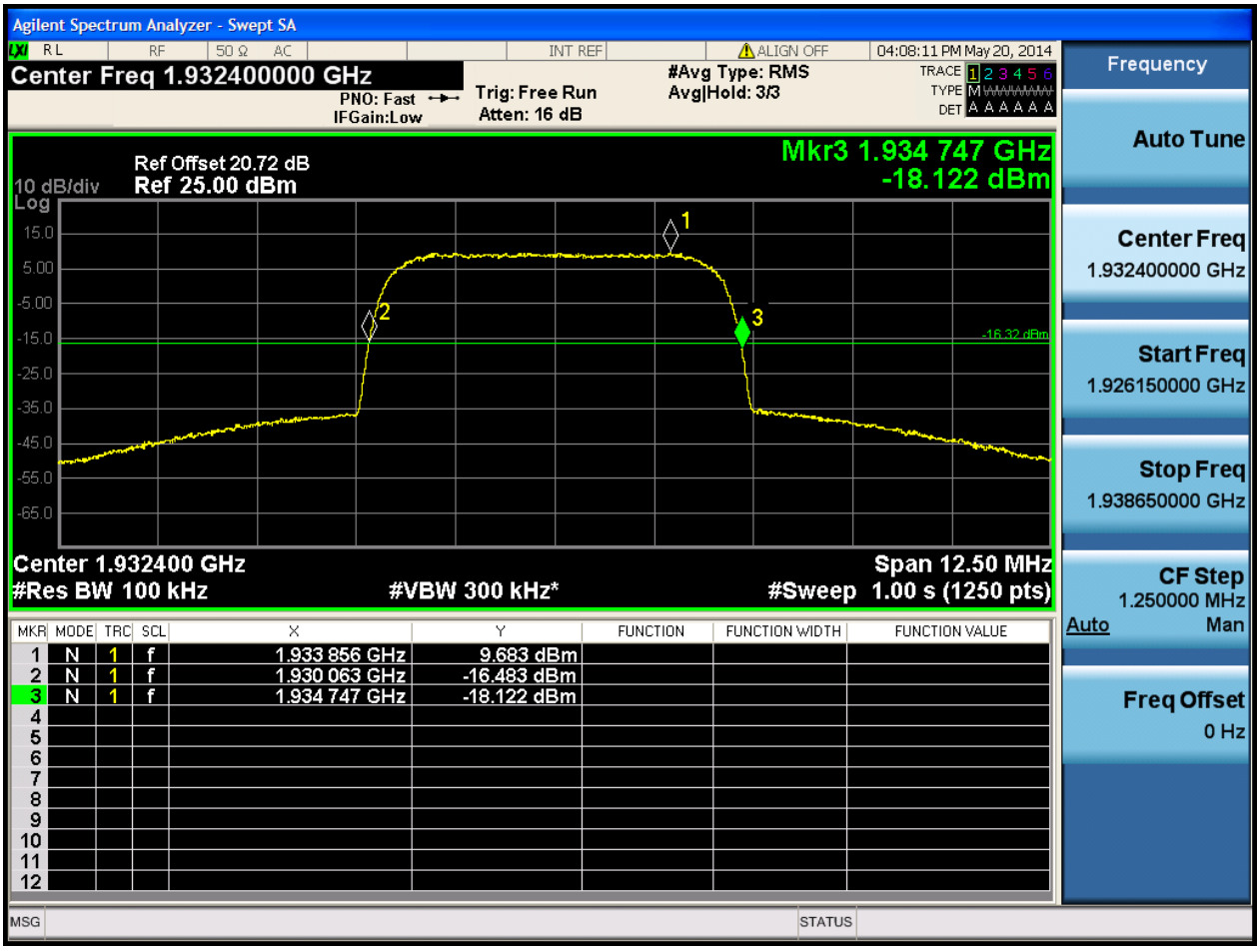
2.2.13 1U_B

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	5	1930.063104	1930	1934.74688	1990	Pass



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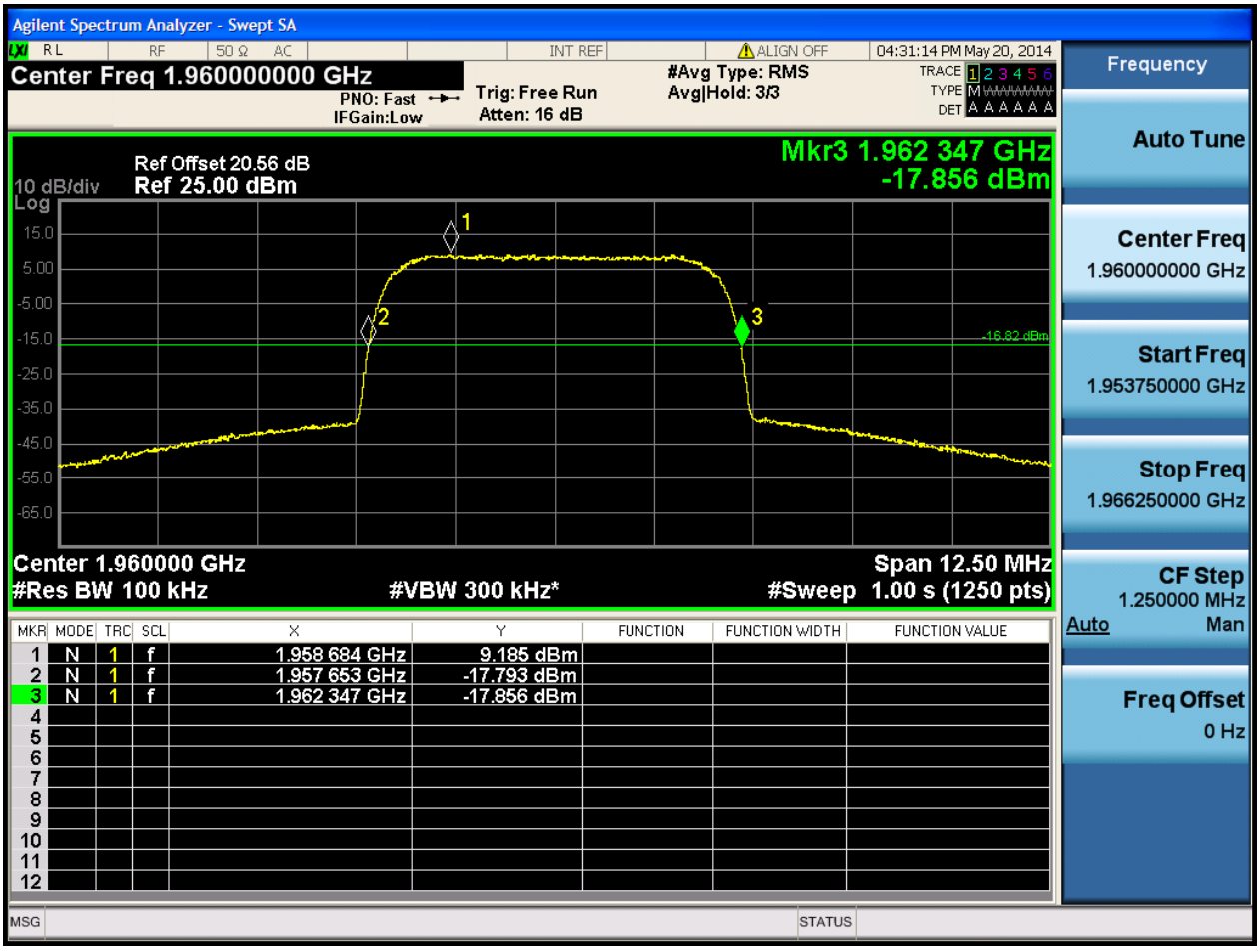
2.2.14 1U_M

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	4.69376	5	1957.65312	1930	1962.34688	1990	Pass



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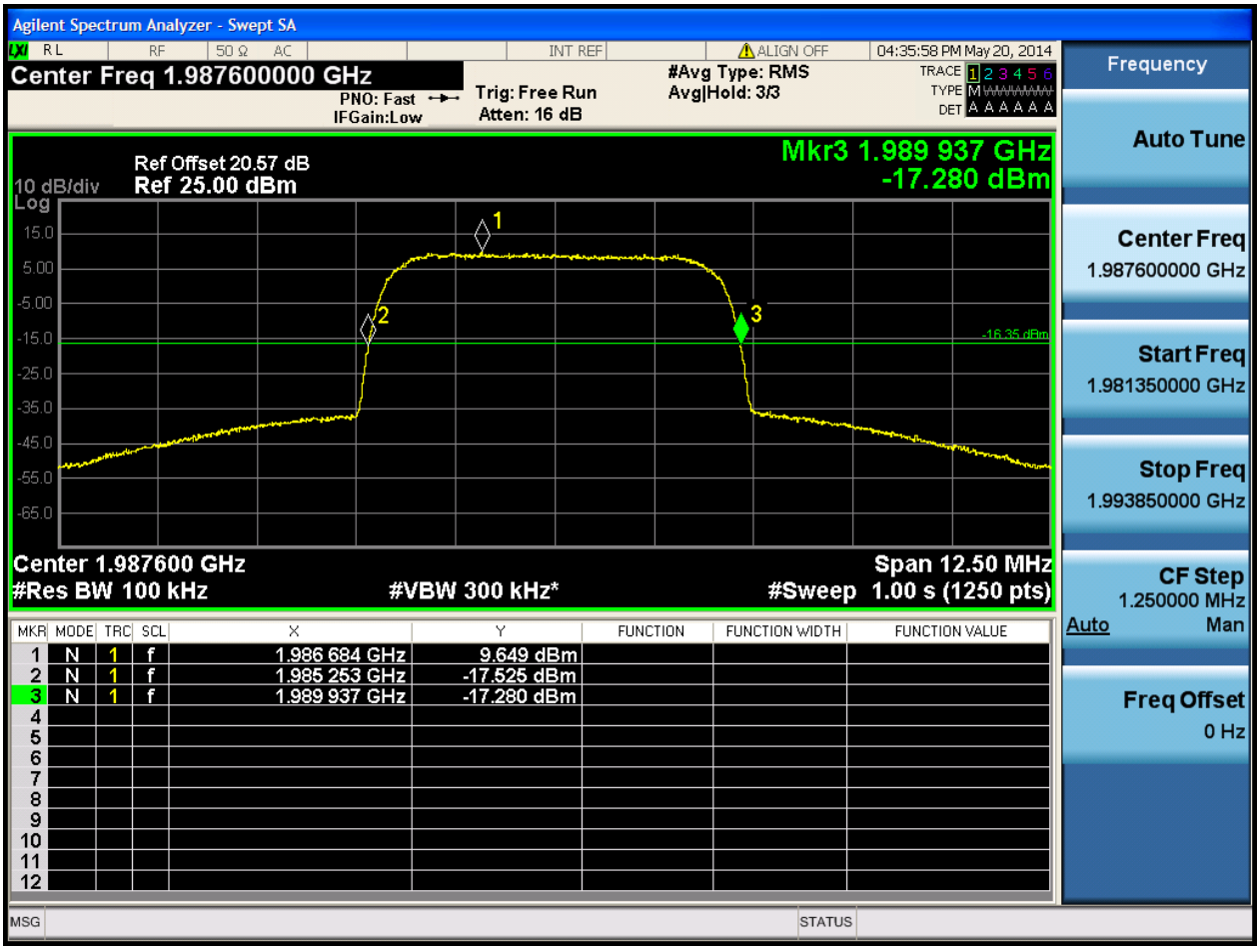
2.2.15 1U_T

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	5	1985.25312	1930	1989.936896	1990	Pass



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Appendix C1: Band Edges Compliance

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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
5M_B	<-13	Pass
5M _T	<-13	Pass
20M_B	<-13	Pass
20M_T	<-13	Pass
1U_B	<-13	Pass
1U_T	<-13	Pass
2U_B	<-13	Pass
2U_T	<-13	Pass

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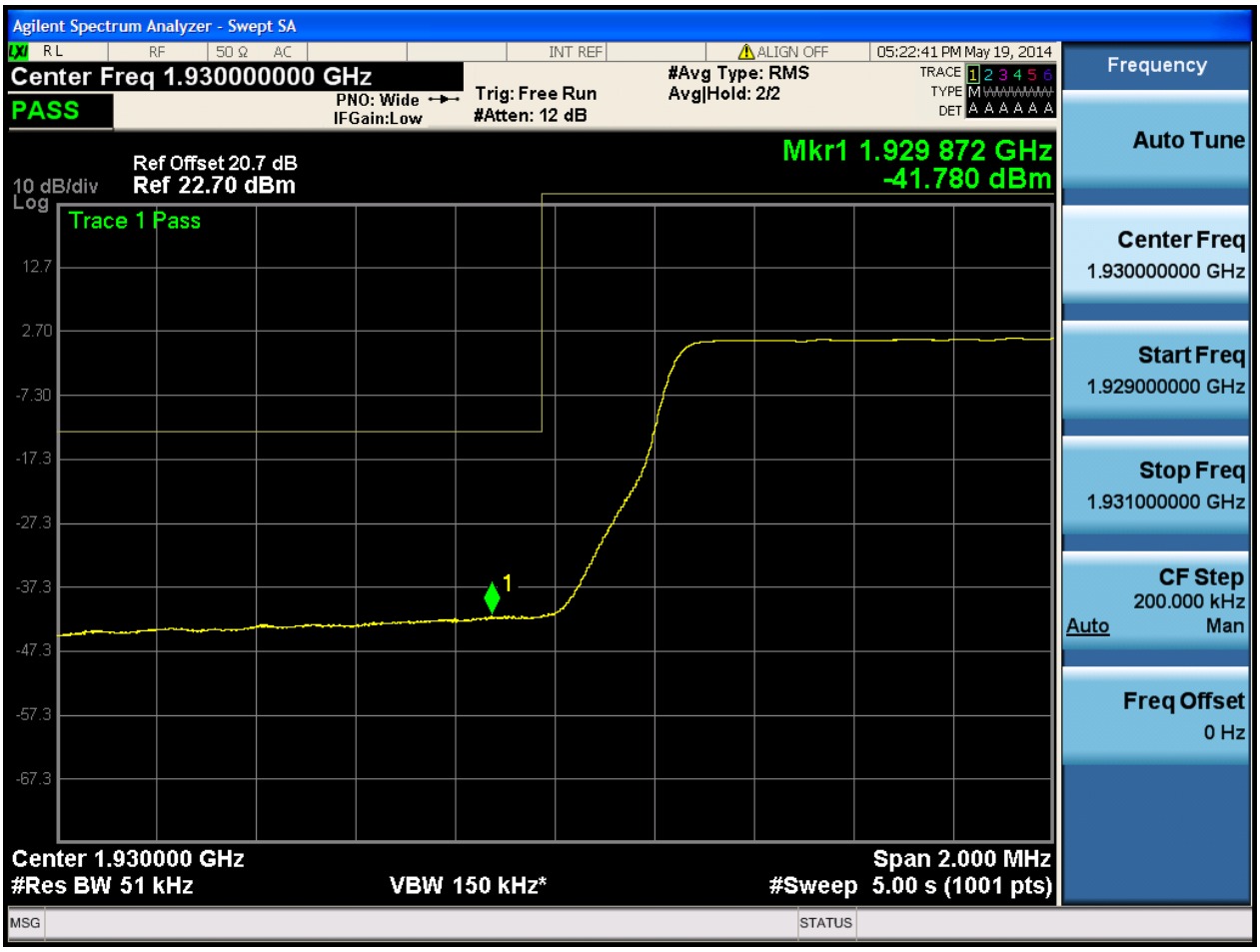
2 Test Plot

2.1 5M_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.051	RMS	Pass	1001



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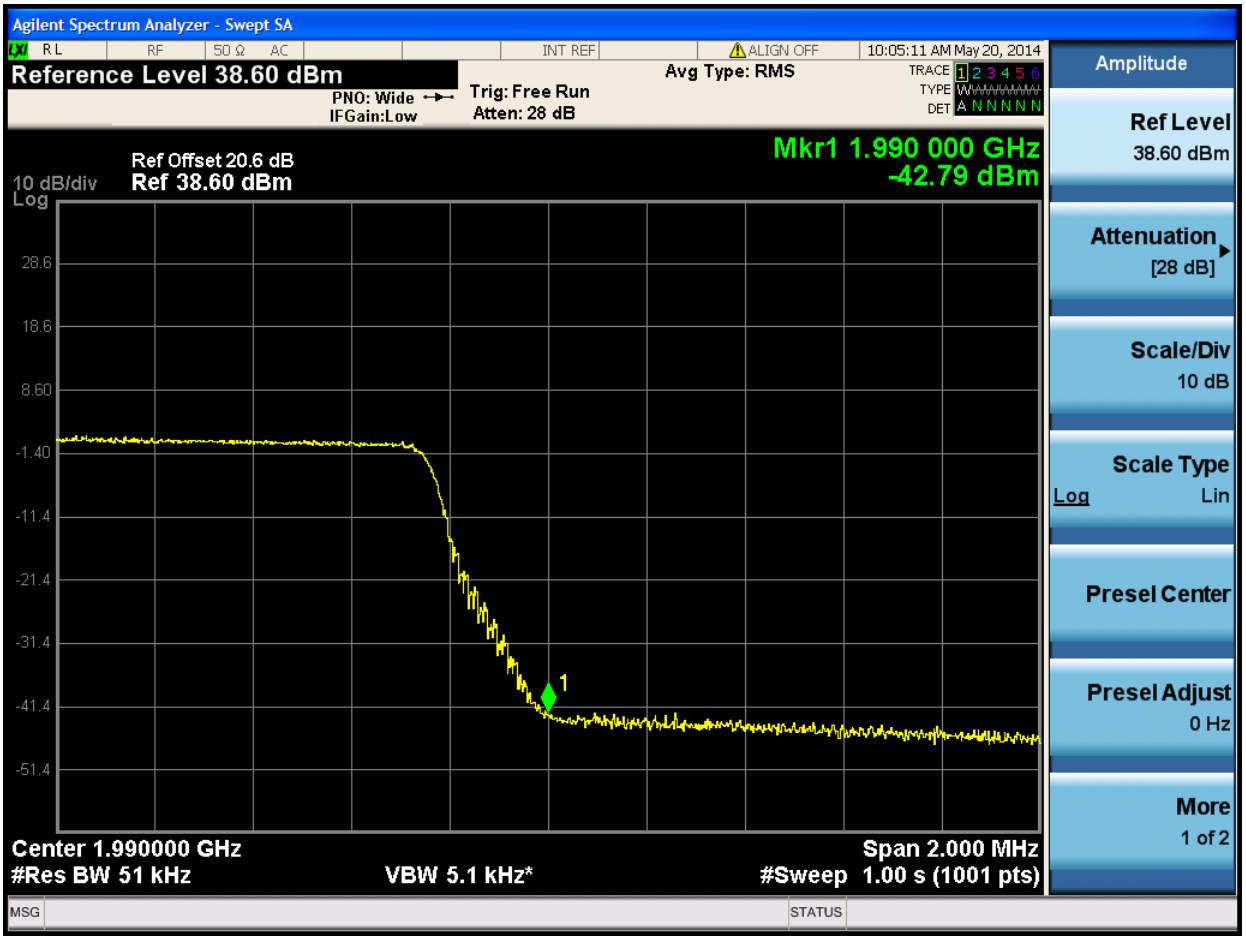
2.2 5M_T



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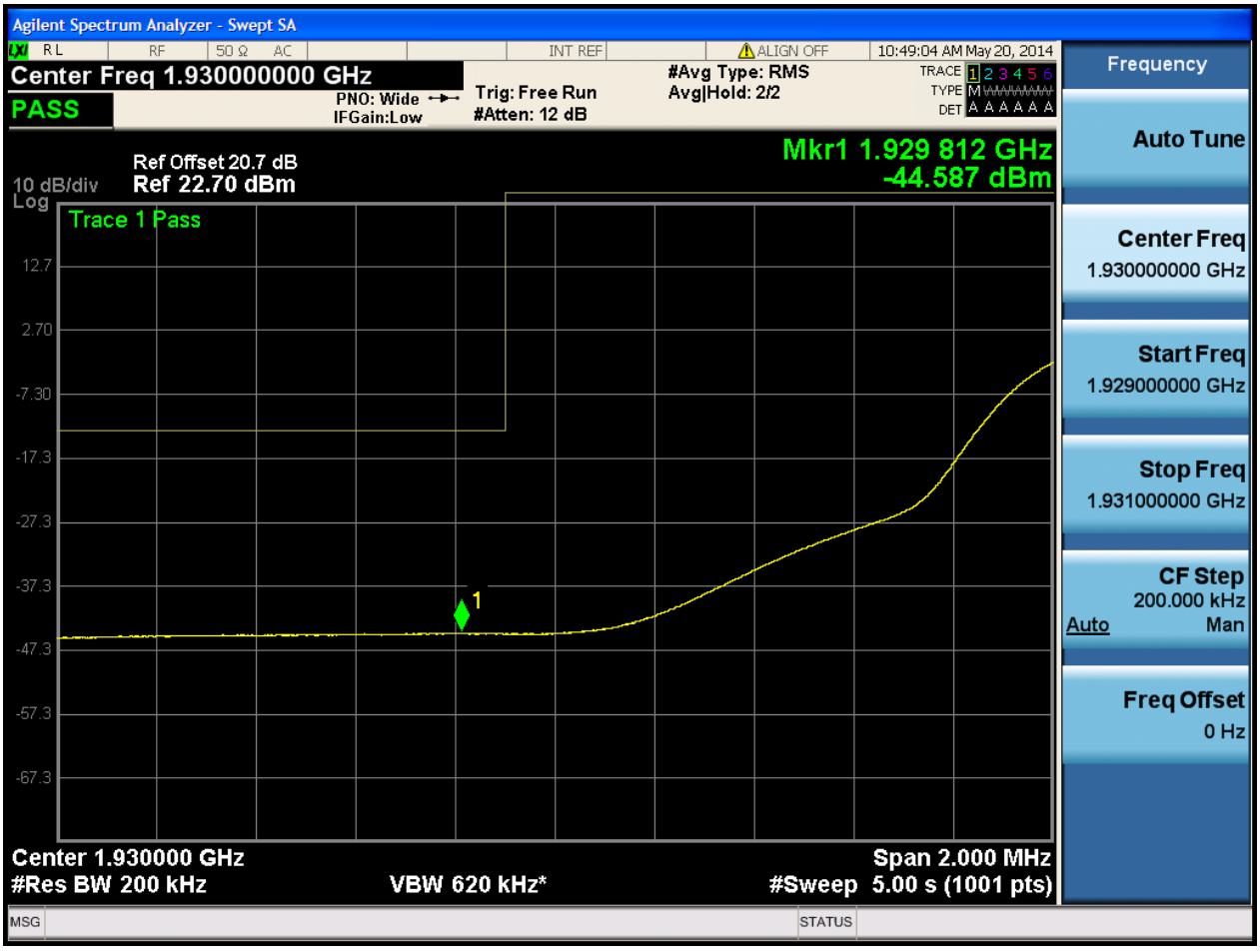
2.3 20M_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.2	RMS	Pass	1001



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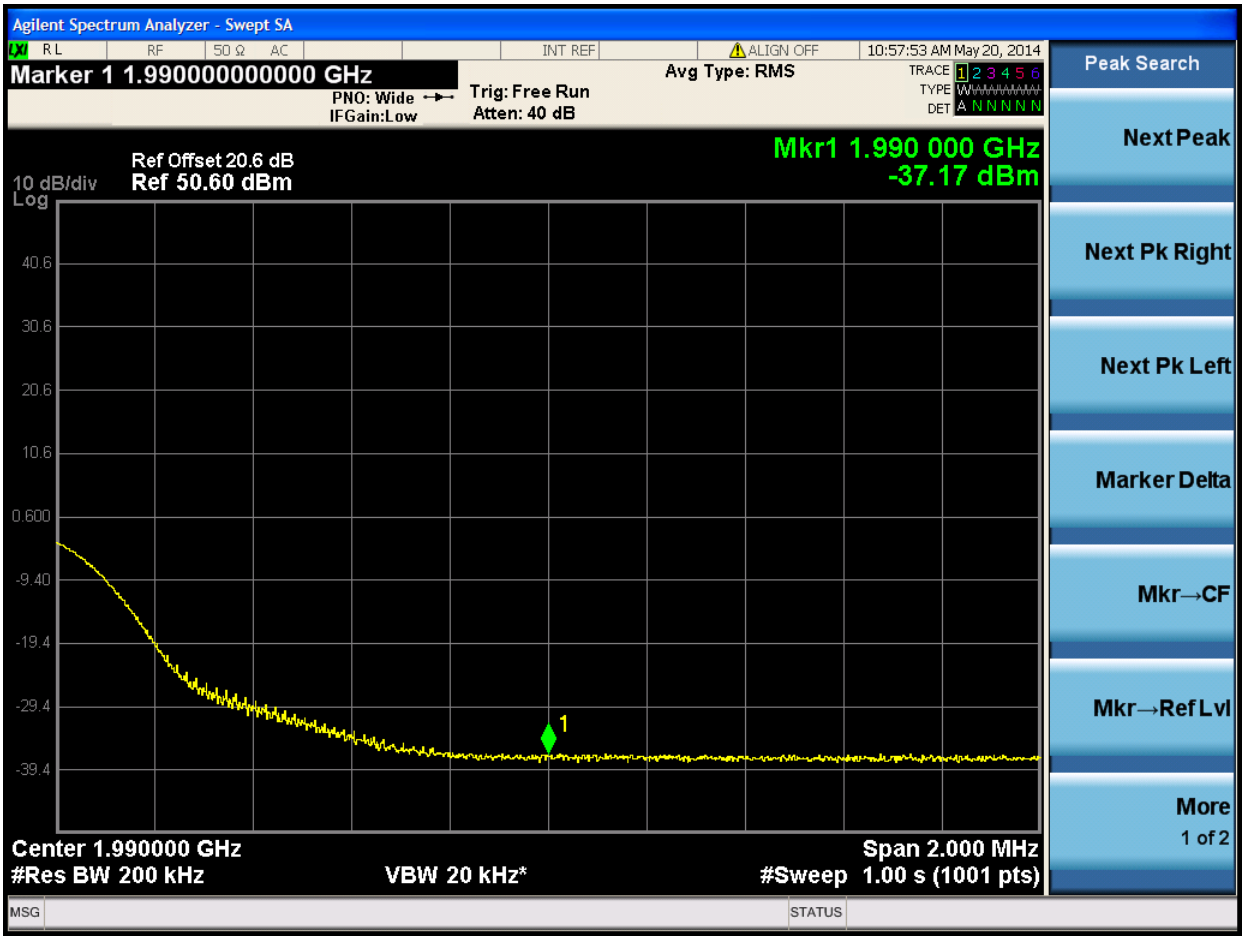
2.4 20M _T



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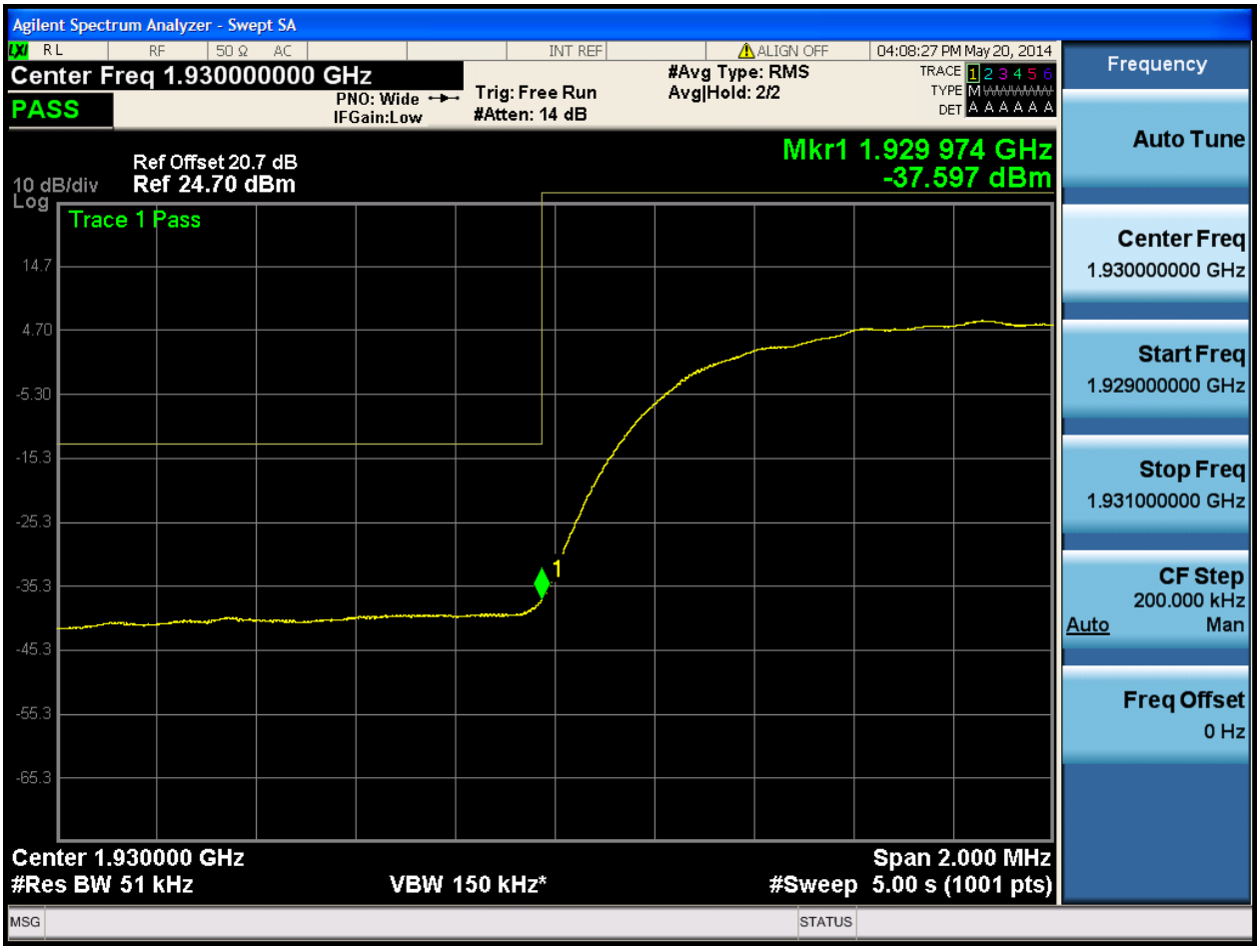
2.5 1U_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.051	RMS	Pass	1001



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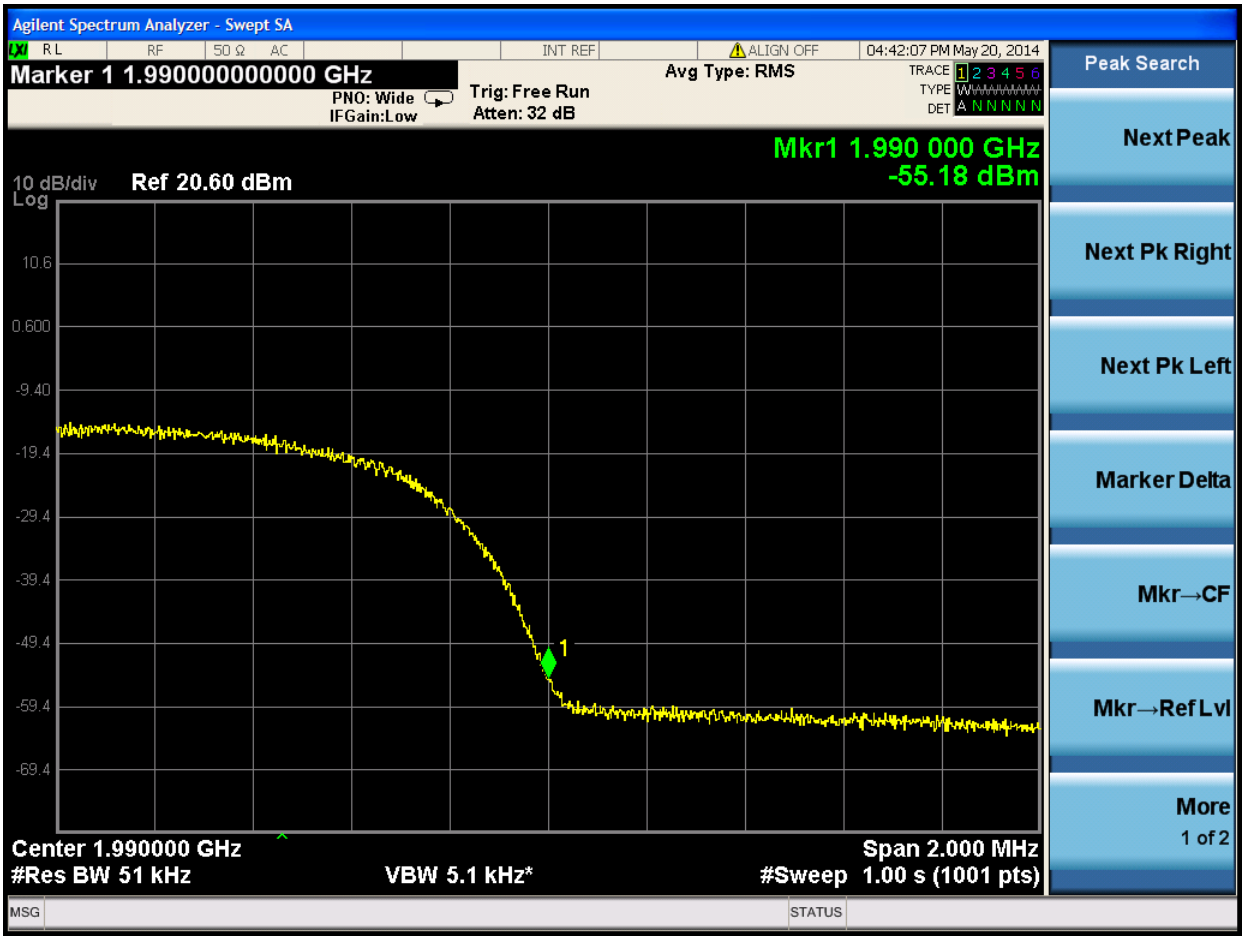
2.6 1U_T



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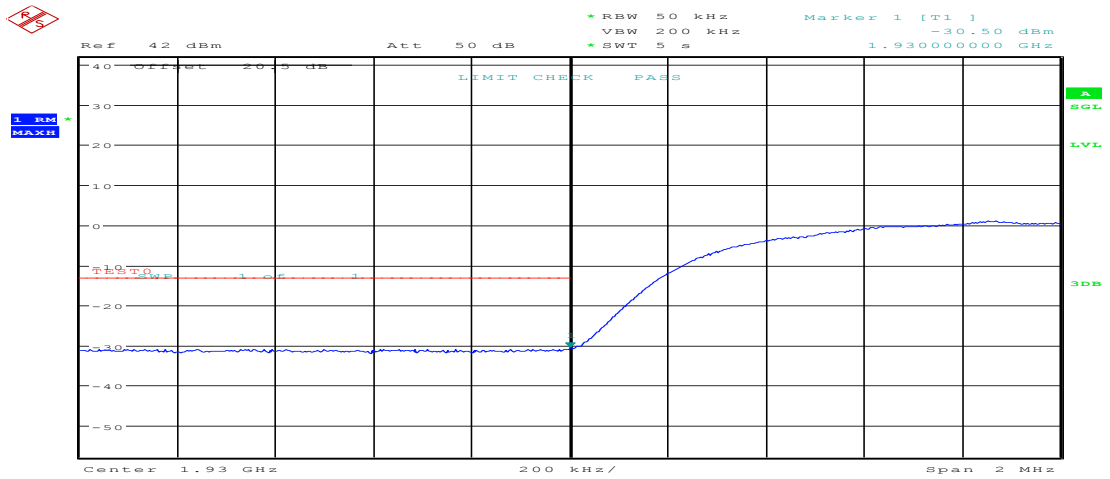
2.7 2U_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
1930	2	0.05	RMS	Pass	625



Date: 30.JUN.2015 09:47:22

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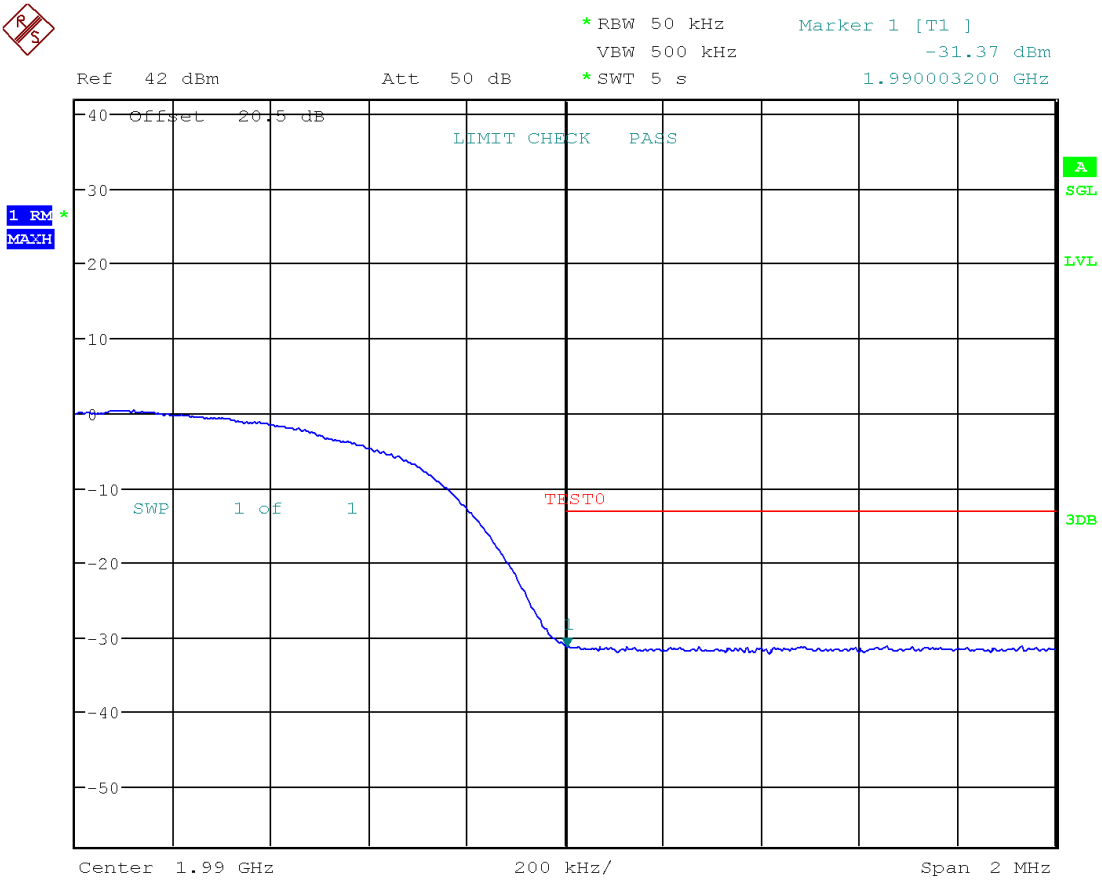
2.8 2U_T



Date: 30.JUN.2015 09:38:36

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Appendix D1: Spurious Emission at Antenna Terminals

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1 Result Table

EUT Conf.	Maximum Emission [dBm]	Verdict
5M_B	<-13	Pass
5M_M	<-13	Pass
5M_T	<-13	Pass
1U_B	<-13	Pass
1U_M	<-13	Pass
1U_T	<-13	Pass
2U_B	<-13	Pass
2U_M	<-13	Pass
2U_T	<-13	Pass
1U1L5M_B	<-13	Pass
1U1L5M_M	<-13	Pass
1U1L5M_T	<-13	Pass

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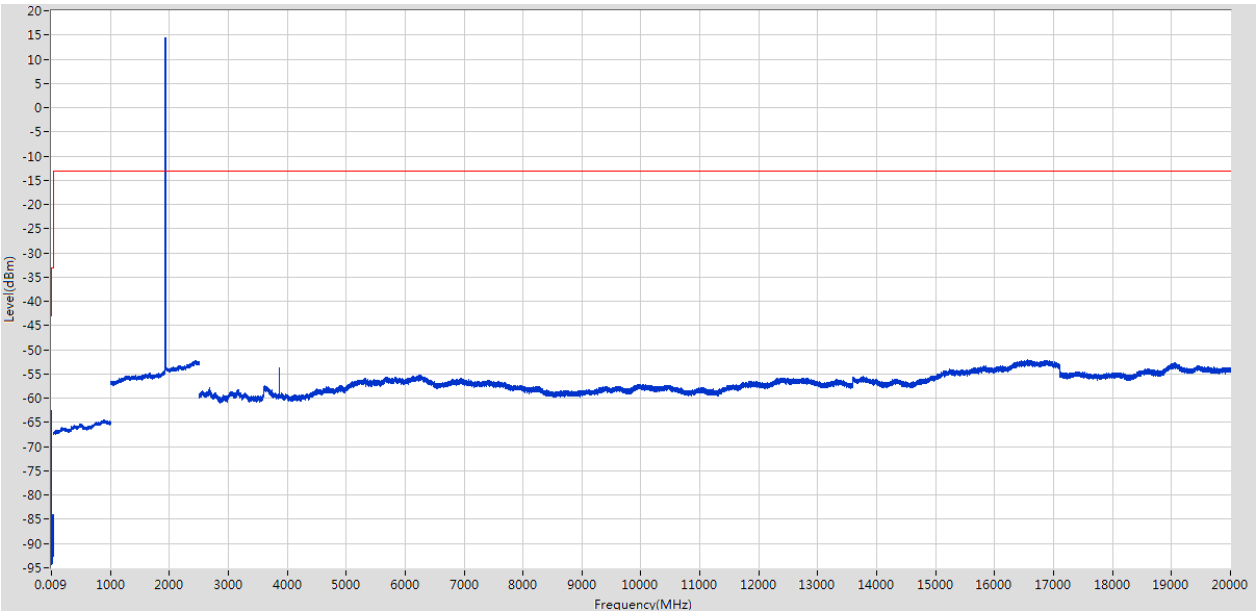
2 Test Plot

2.1 5M_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	10.833 k	-62.45	-43	Pass	1001
0.15	30	0.01	RMS	150 k	-64.31	-33	Pass	14925
30	1000	1	RMS	894.178181 M	-64.43	-13	Pass	4850
1000	2500	1	RMS	1932.32431 M	14.46	-13	---	7500
2500	20000	1	RMS	16555.95139 M	-52.1	-13	Pass	87500



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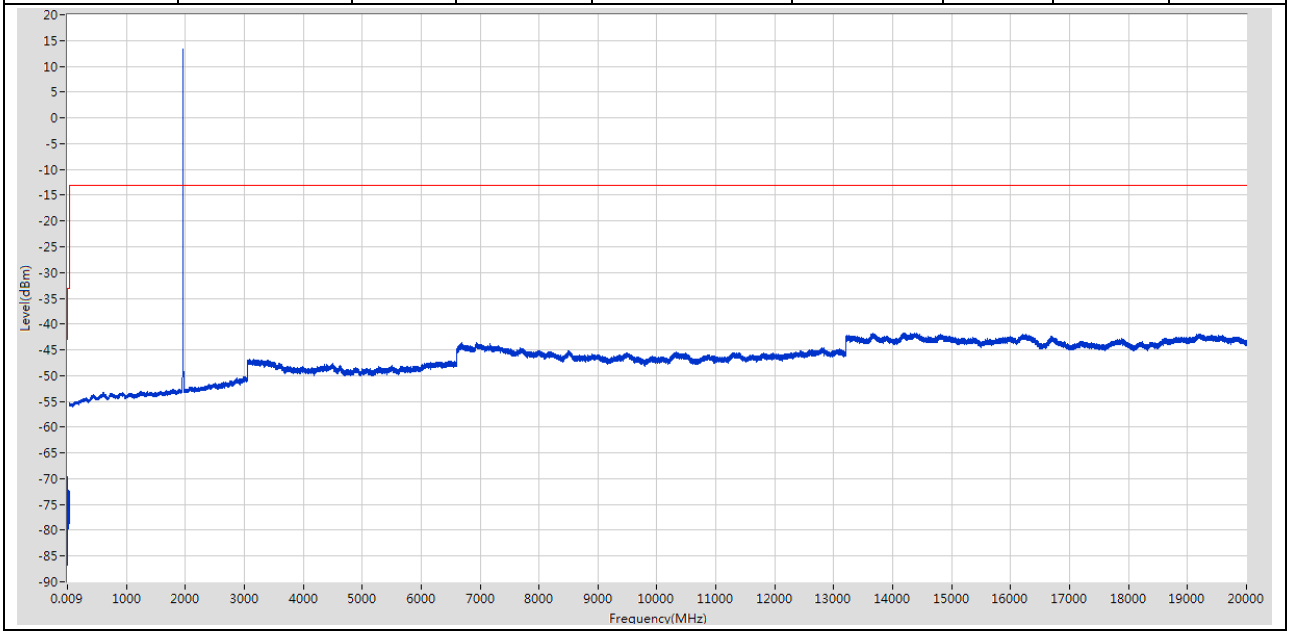
2.2 5M_M

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	9.401 k	-78.35	-43	Pass	705
0.15	30	0.01	RMS	392.03 k	-69.64	-33	Pass	14925
30	1000	1	RMS	608.719324 M	-53.3	-13	Pass	4850
1000	2500	1	RMS	1958.72783 M	13.4	-13	---	7500
2500	20000	1	RMS	14184.226297 M	-41.71	-13	Pass	87500



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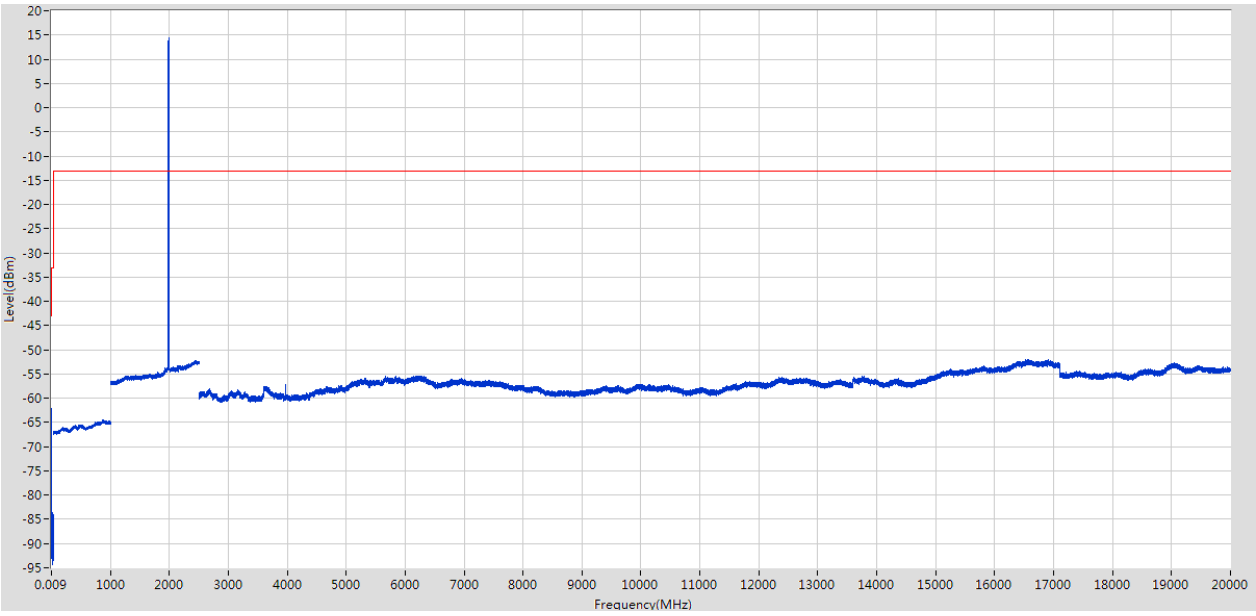
2.3 5M_T

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	9.282 k	-62.08	-43	Pass	1001
0.15	30	0.01	RMS	162.001 k	-65.32	-33	Pass	14925
30	1000	1	RMS	882.375748 M	-64.56	-13	Pass	4850
1000	2500	1	RMS	1986.331511 M	14.48	-13	---	7500
2500	20000	1	RMS	16571.15177 M	-52.03	-13	Pass	87500



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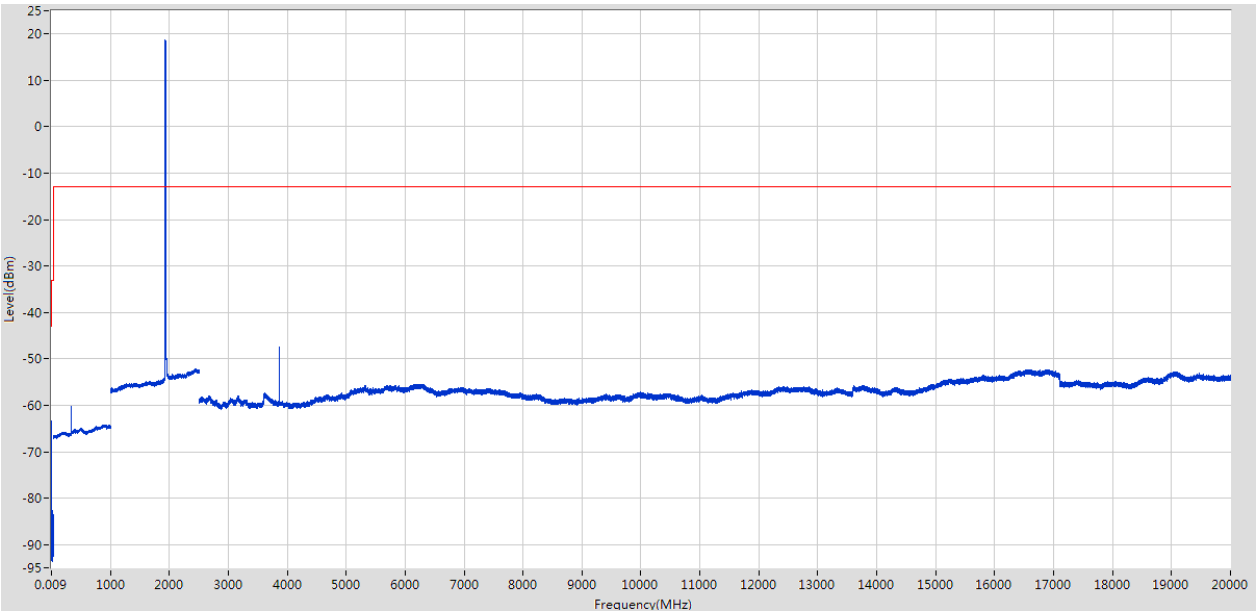
2.4 1U_B

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	9.282 k	-63.3	-43	Pass	1001
0.15	30	0.01	RMS	154 k	-63.97	-33	Pass	14925
30	1000	1	RMS	337.263353 M	-60.26	-13	Pass	4850
1000	2500	1	RMS	1932.724363 M	18.62	-13	---	7500
2500	20000	1	RMS	3864.634115 M	-47.4	-13	Pass	87500



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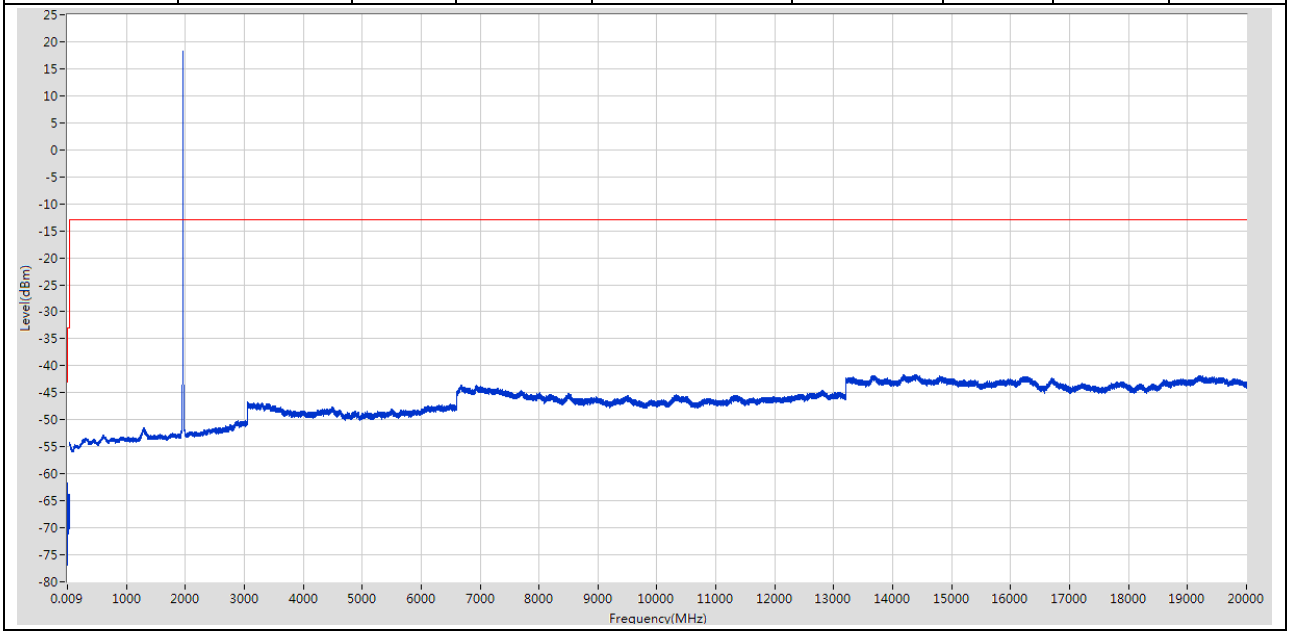
2.5 1U_M

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	14.007 k	-70.5	-43	Pass	705
0.15	30	0.01	RMS	356.025 k	-61.76	-33	Pass	14925
30	1000	1	RMS	608.719324 M	-52.89	-13	Pass	4850
1000	2500	1	RMS	1958.927857 M	18.19	-13	---	7500
2500	20000	1	RMS	14403.653083 M	-41.57	-13	Pass	87500



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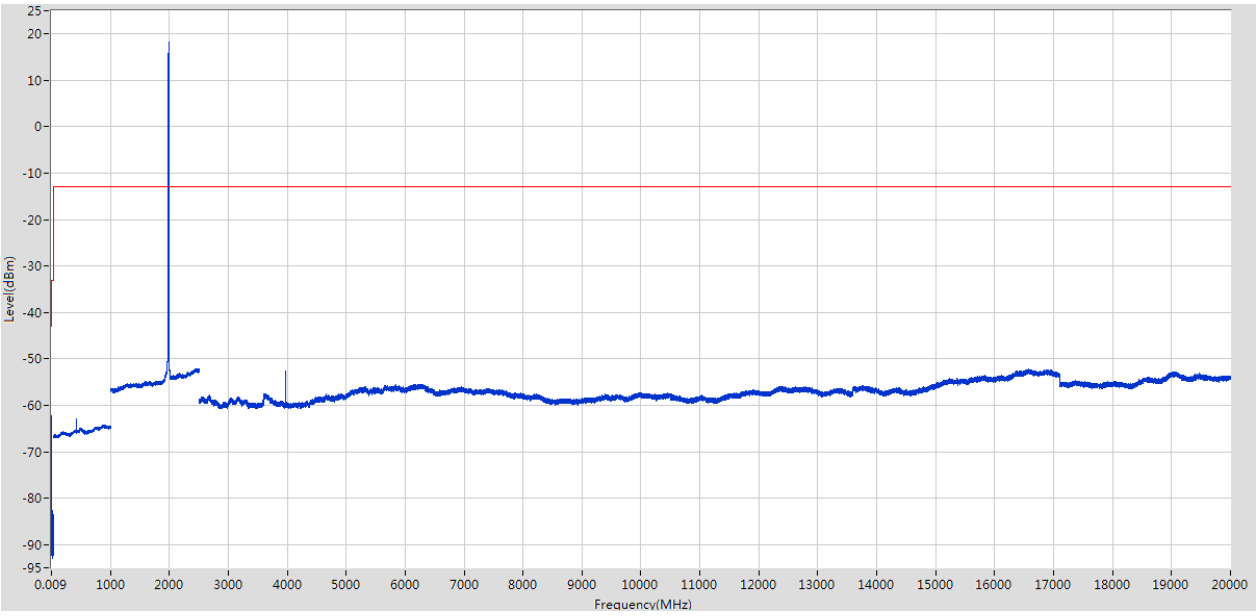
2.6 1U_T

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	10.269 k	-62.15	-43	Pass	1001
0.15	30	0.01	RMS	166.001 k	-64.74	-33	Pass	14925
30	1000	1	RMS	419.880388 M	-62.86	-13	Pass	4850
1000	2500	1	RMS	1986.731564 M	18.3	-13	---	7500
2500	20000	1	RMS	16567.95169 M	-52.07	-13	Pass	87500



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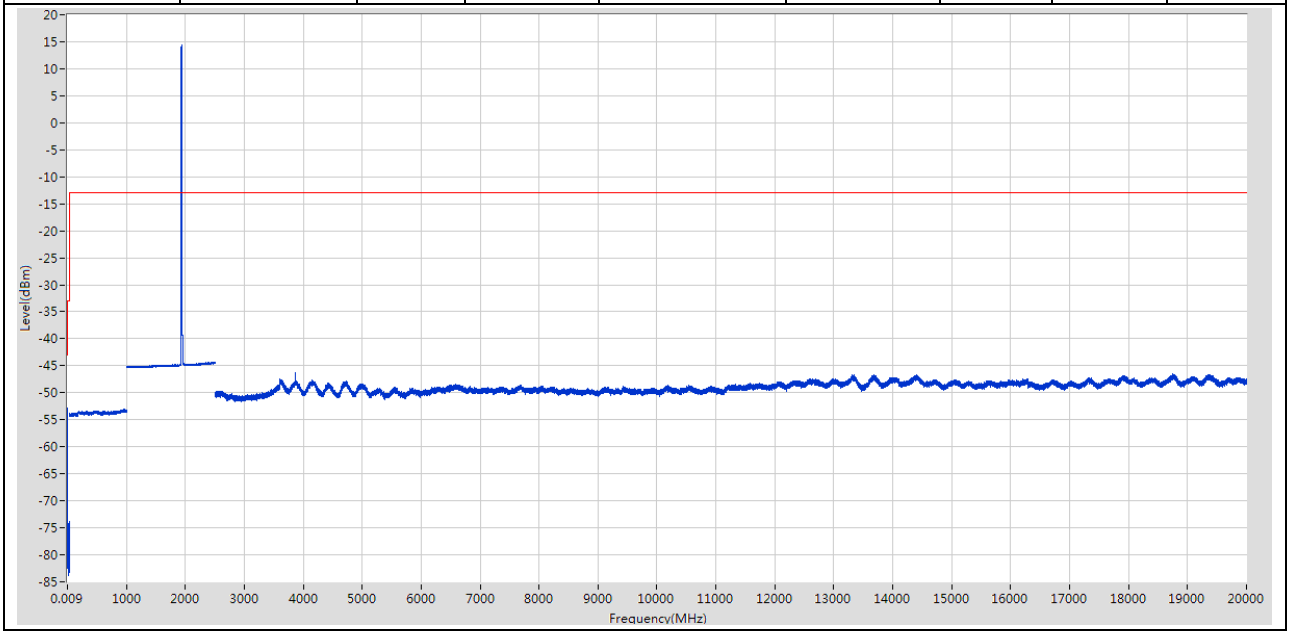
2.7 2U_B

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	66.457 k	-59.83	-43	Pass	801
0.15	30	0.01	RMS	4.99963 M	-52.88	-33	Pass	15001
30	1000	1	RMS	972.681633 M	-53.1	-13	Pass	4901
1000	2500	1	RMS	1936.6 M	14.36	-13	---	7501
2500	20000	1	RMS	3869.445647 M	-46.23	-13	Pass	87503



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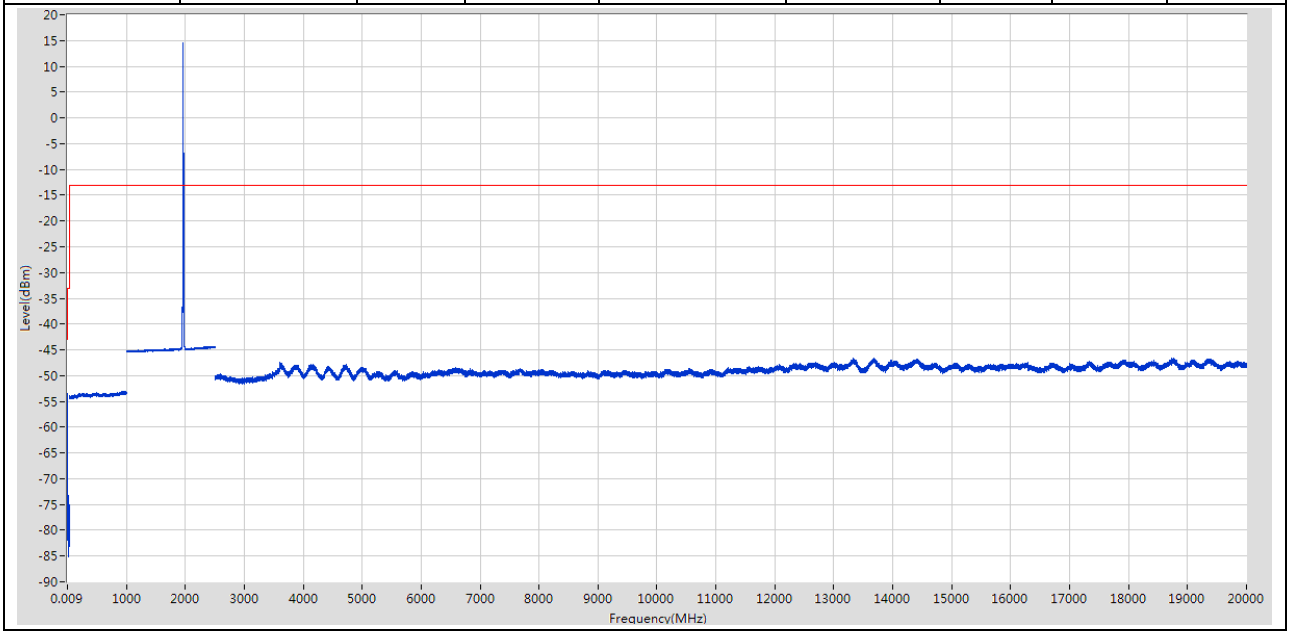
2.8 2U_M

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	66.457 k	-59.79	-43	Pass	801
0.15	30	0.01	RMS	4.99963 M	-53.54	-33	Pass	15001
30	1000	1	RMS	990.893878 M	-53.08	-13	Pass	4901
1000	2500	1	RMS	1960 M	14.52	-13	---	7501
2500	20000	1	RMS	13321.96072 M	-46.58	-13	Pass	87503



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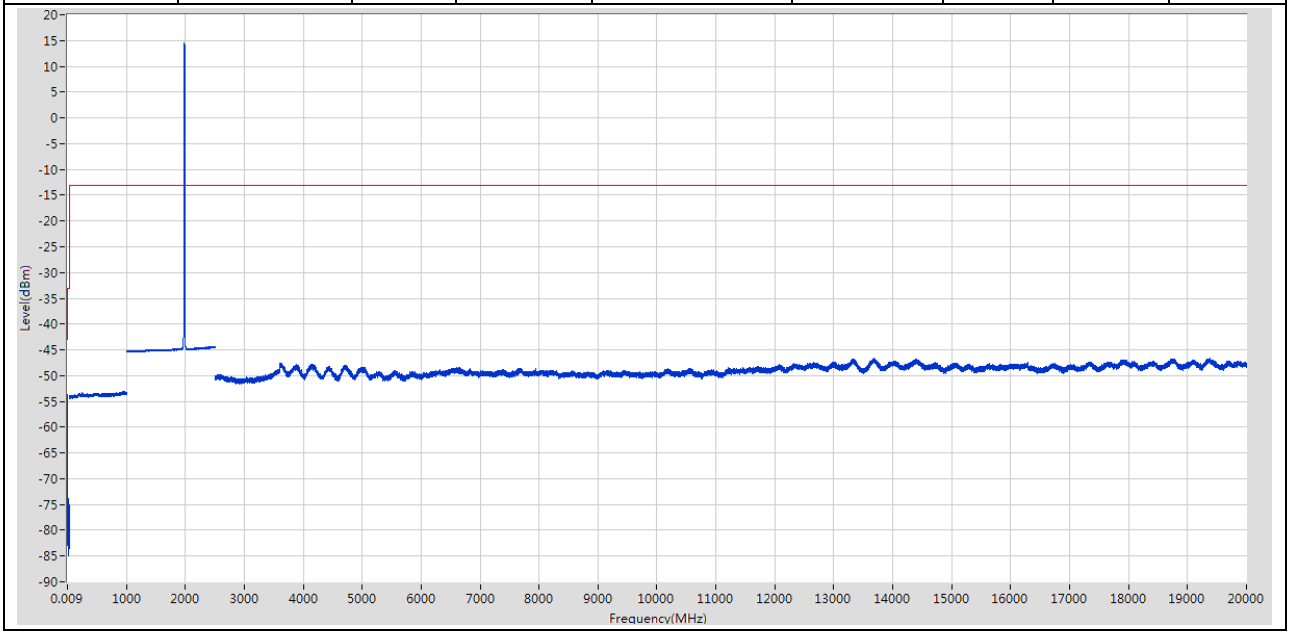
2.9 2U_T

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	66.457 k	-59.44	-43	Pass	801
0.15	30	0.01	RMS	4.99963 M	-53.75	-33	Pass	15001
30	1000	1	RMS	967.534694 M	-53.09	-13	Pass	4901
1000	2500	1	RMS	1982.4 M	14.51	-13	---	7501
2500	20000	1	RMS	19380.645047 M	-46.65	-13	Pass	87503



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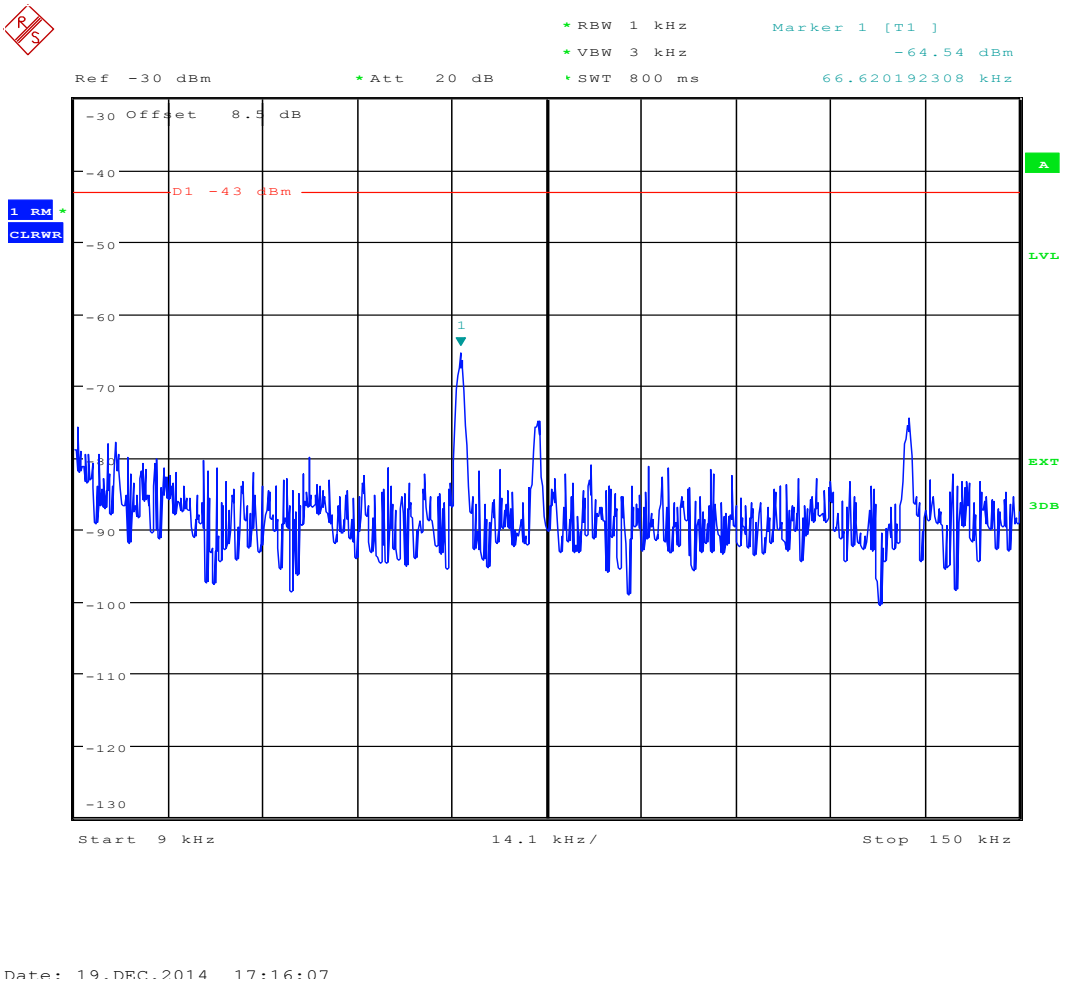
2.10 1U1L5M_B

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	66.620192308 k	-64.54	-43	Pass	705
0.15	30	0.01	RMS	0.15 M	-76.18	-33	Pass	14925
30	1500	1	RMS	871.009615385 M	-64.84	-13	Pass	7350
1500	4500	1	RMS	1927.884615 M	-16.00	-13	---	15000
4500	26500	1	RMS	26112.179487 M	-35.75	-13	Pass	110000



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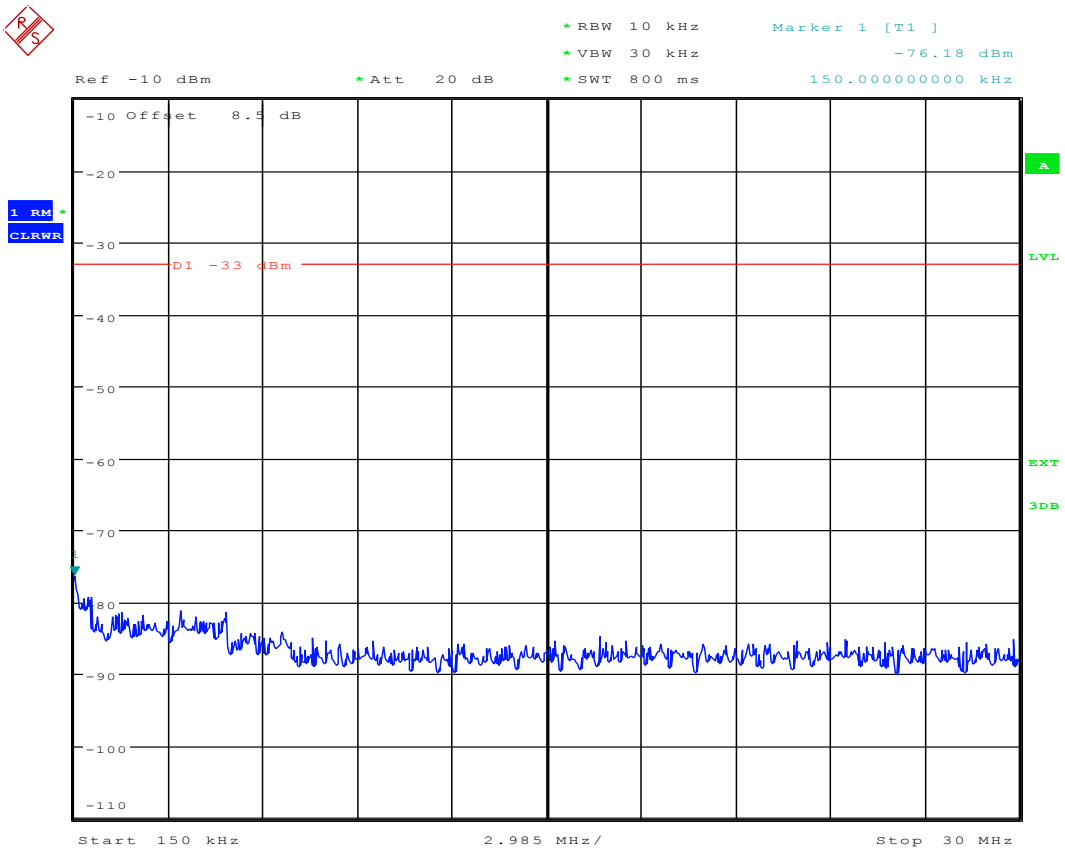
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



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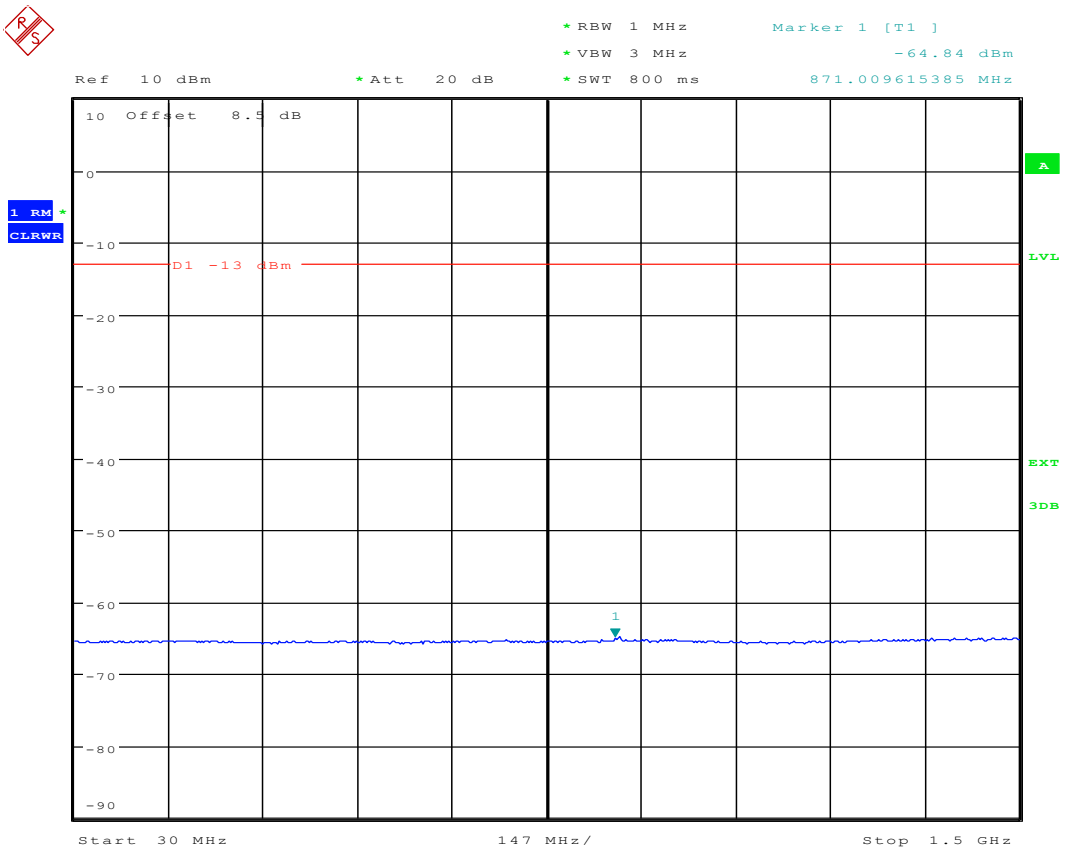
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



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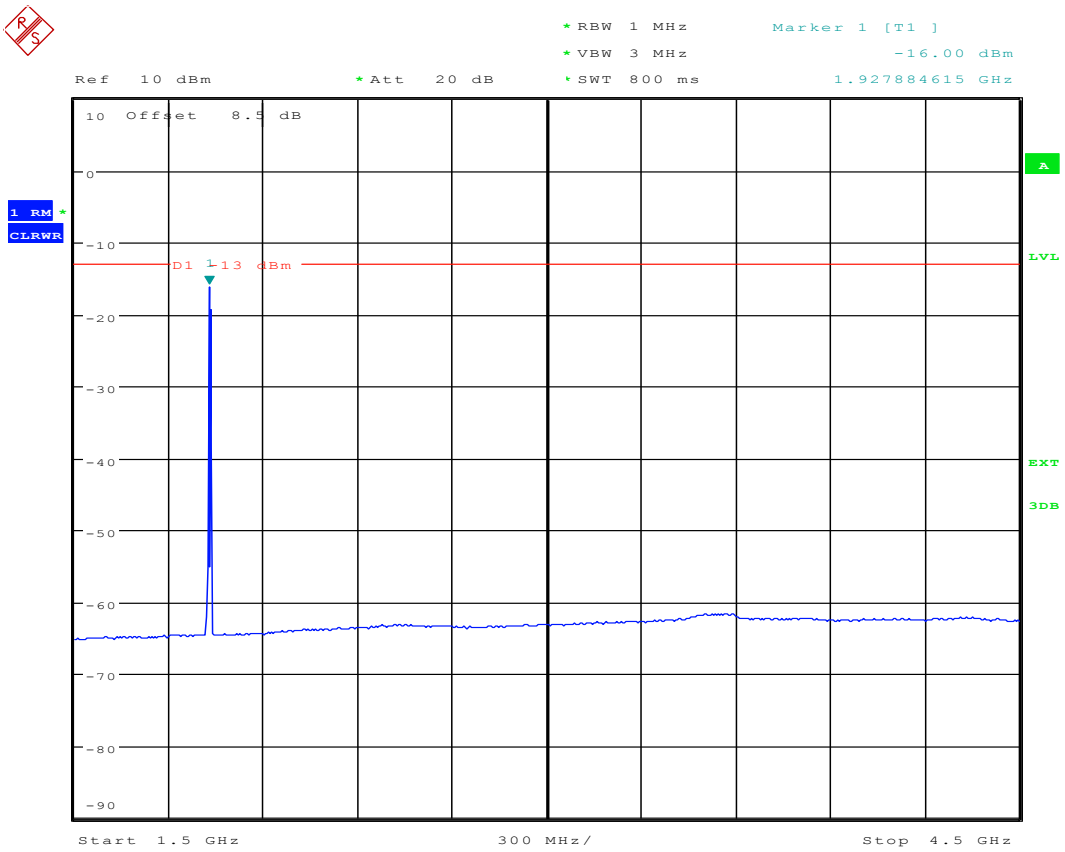
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



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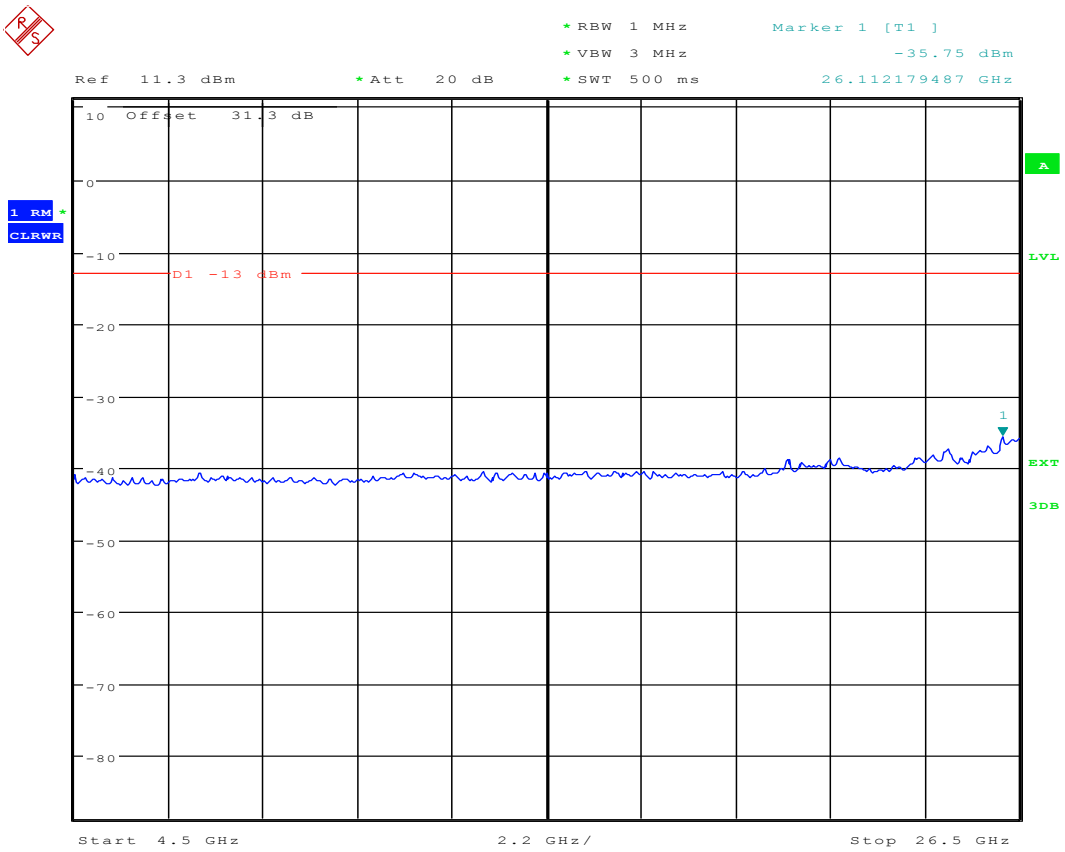
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



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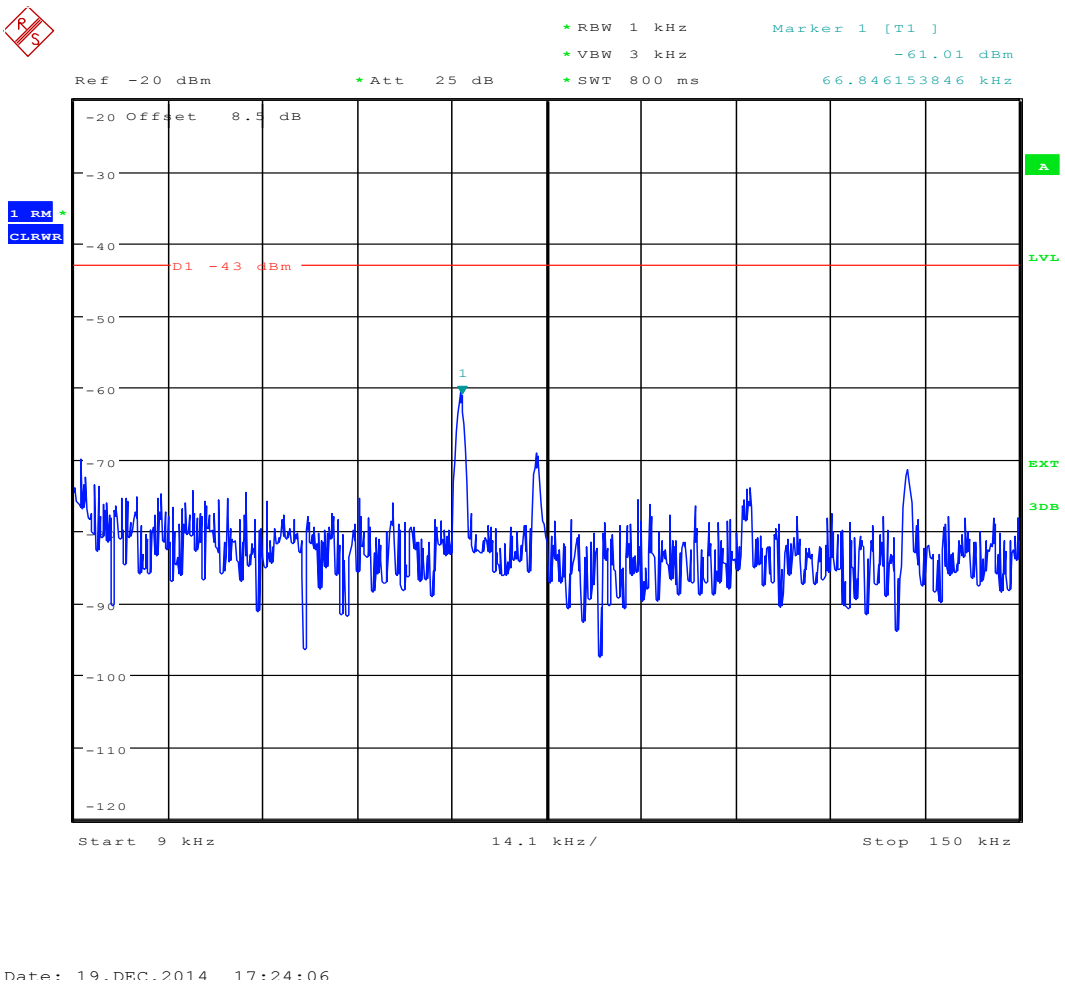
2.11 1U1L5M_M

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	66.846153846 k	-61.01	-43	Pass	705
0.15	30	0.01	RMS	0.15 M	-70.57	-33	Pass	14925
30	1500	1	RMS	878.076923077 M	-60.29	-13	Pass	7350
1500	4500	1	RMS	3519.230769 M	-56.89	-13	---	15000
4500	26500	1	RMS	26500 M	-35.81	-13	Pass	110000



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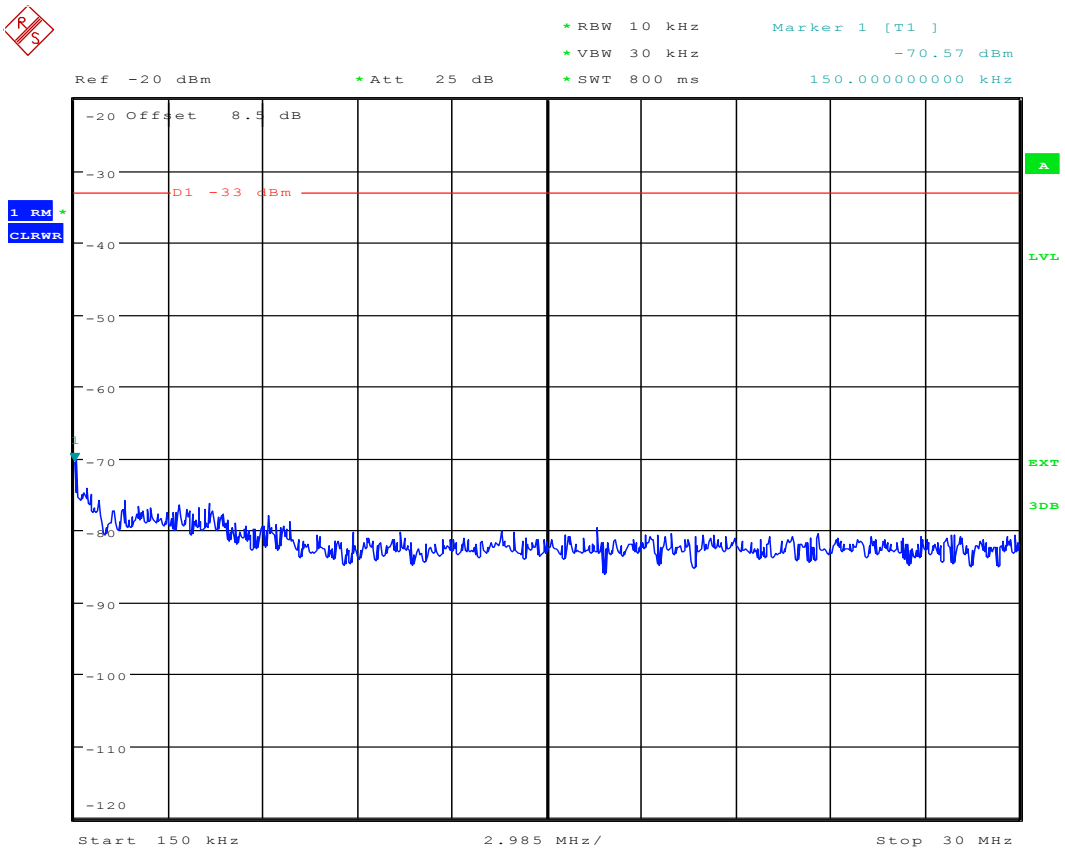
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



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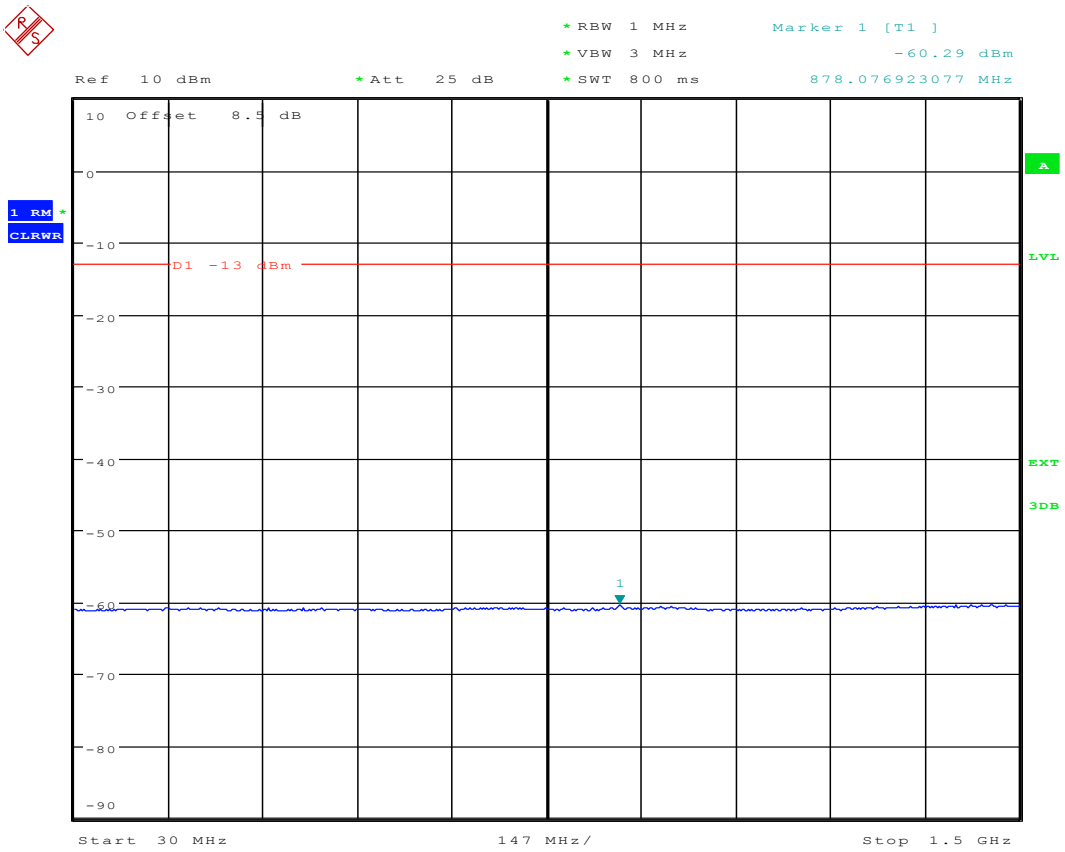
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



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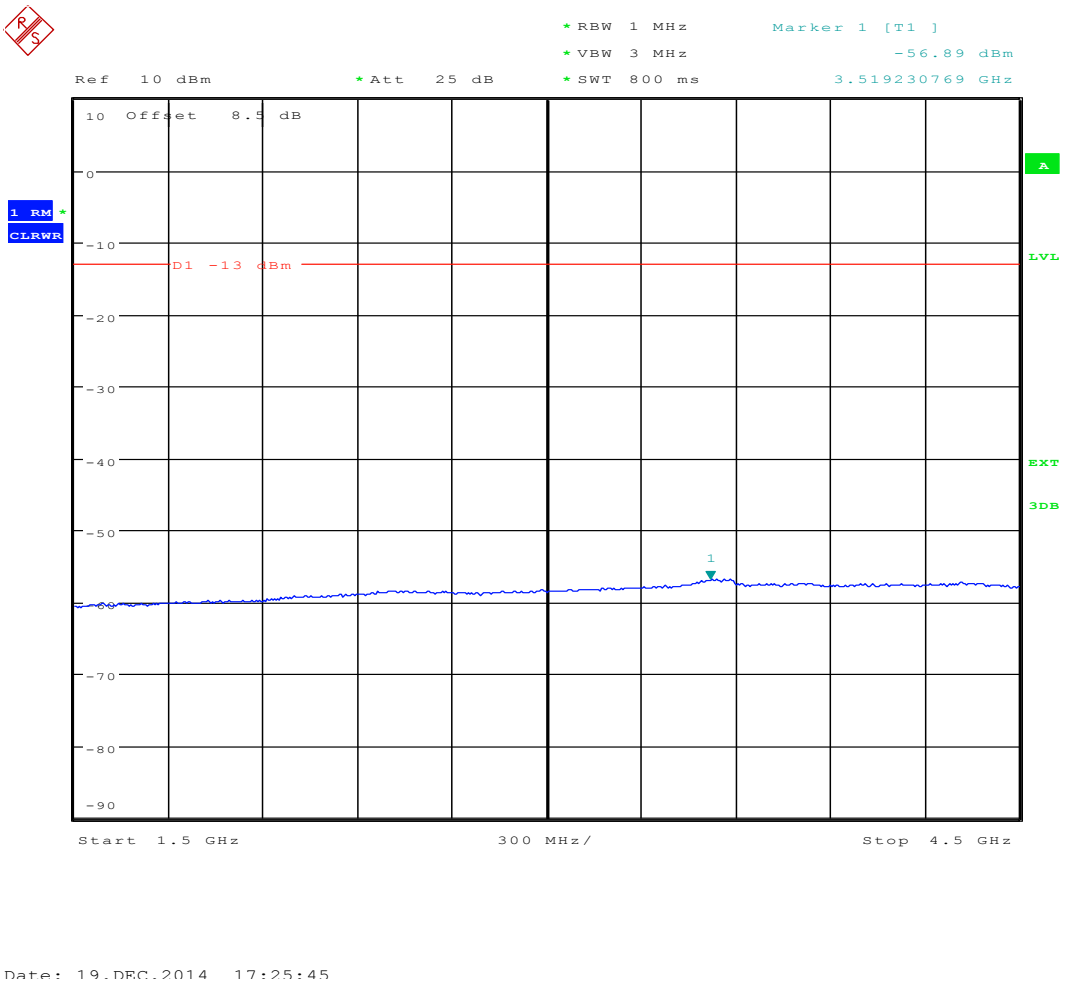
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



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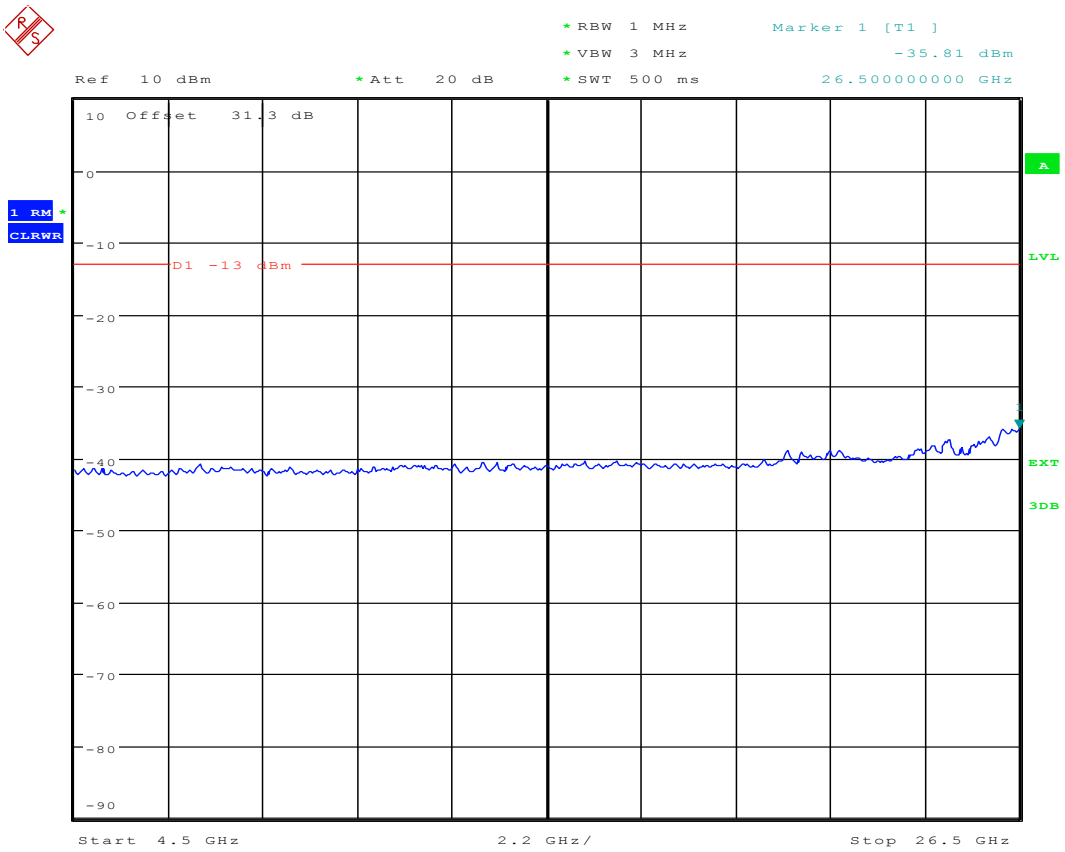
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



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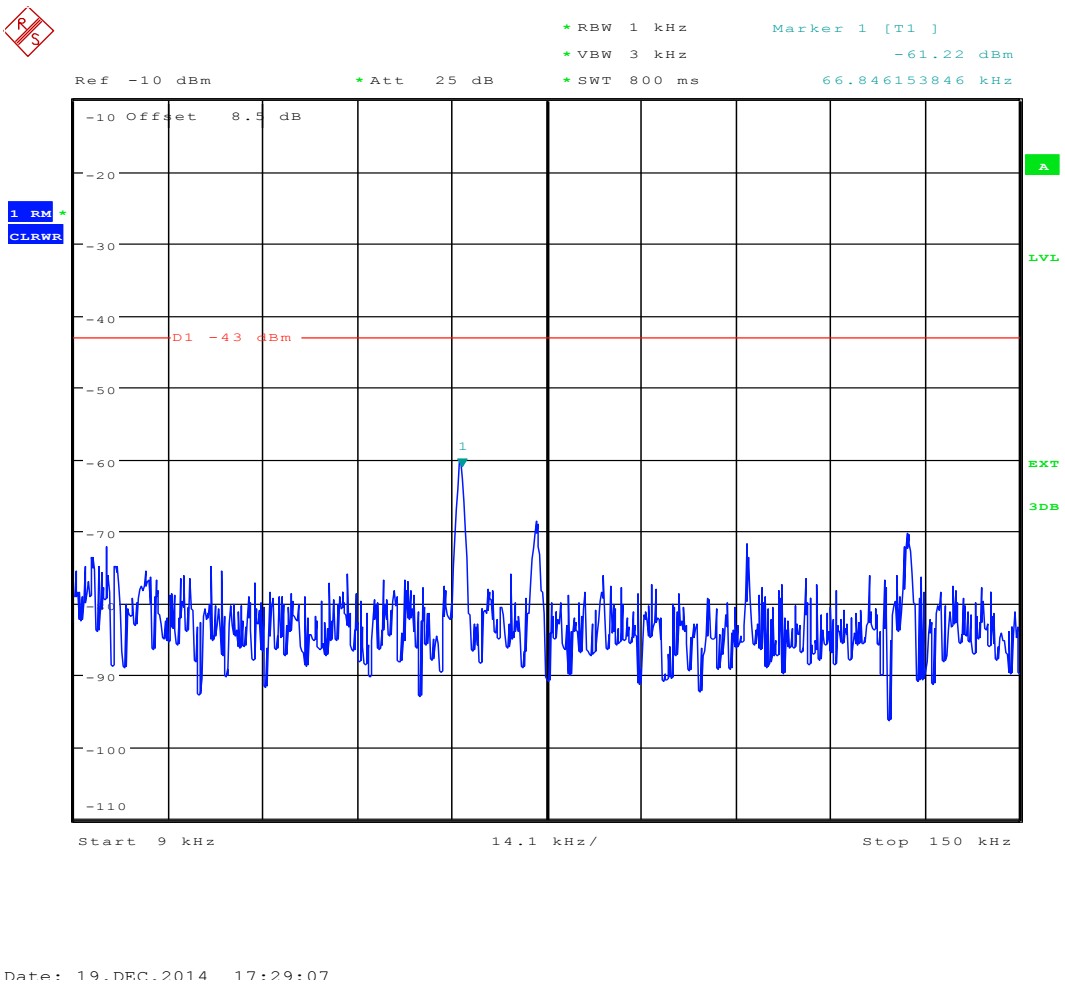
2.12 1U1L5M_T

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	66.846153846 k	-61.22	-43	Pass	705
0.15	30	0.01	RMS	0.15 M	-70.51	-33	Pass	14925
30	1500	1	RMS	1467.019231 M	-60.64	-13	Pass	7350
1500	4500	1	RMS	1985.576923 M	-17.73	-13	---	15000
4500	26500	1	RMS	26112.179487 M	-35.71	-13	Pass	110000



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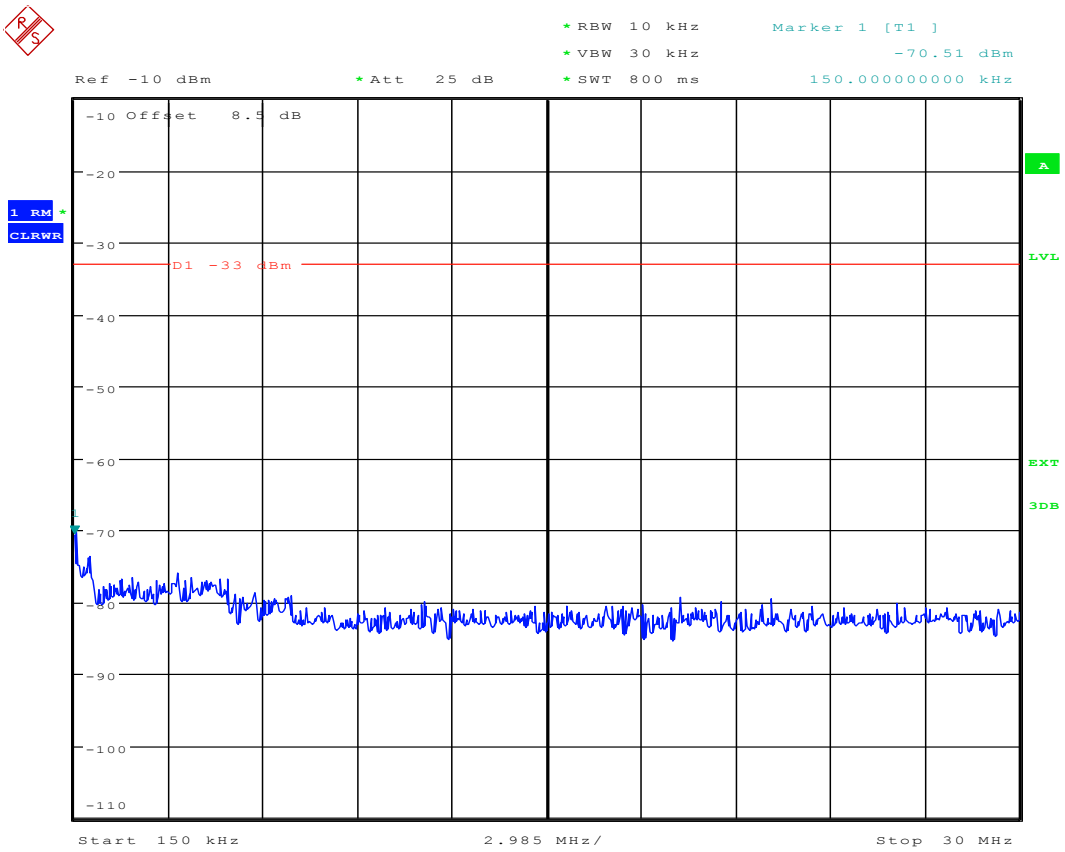
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



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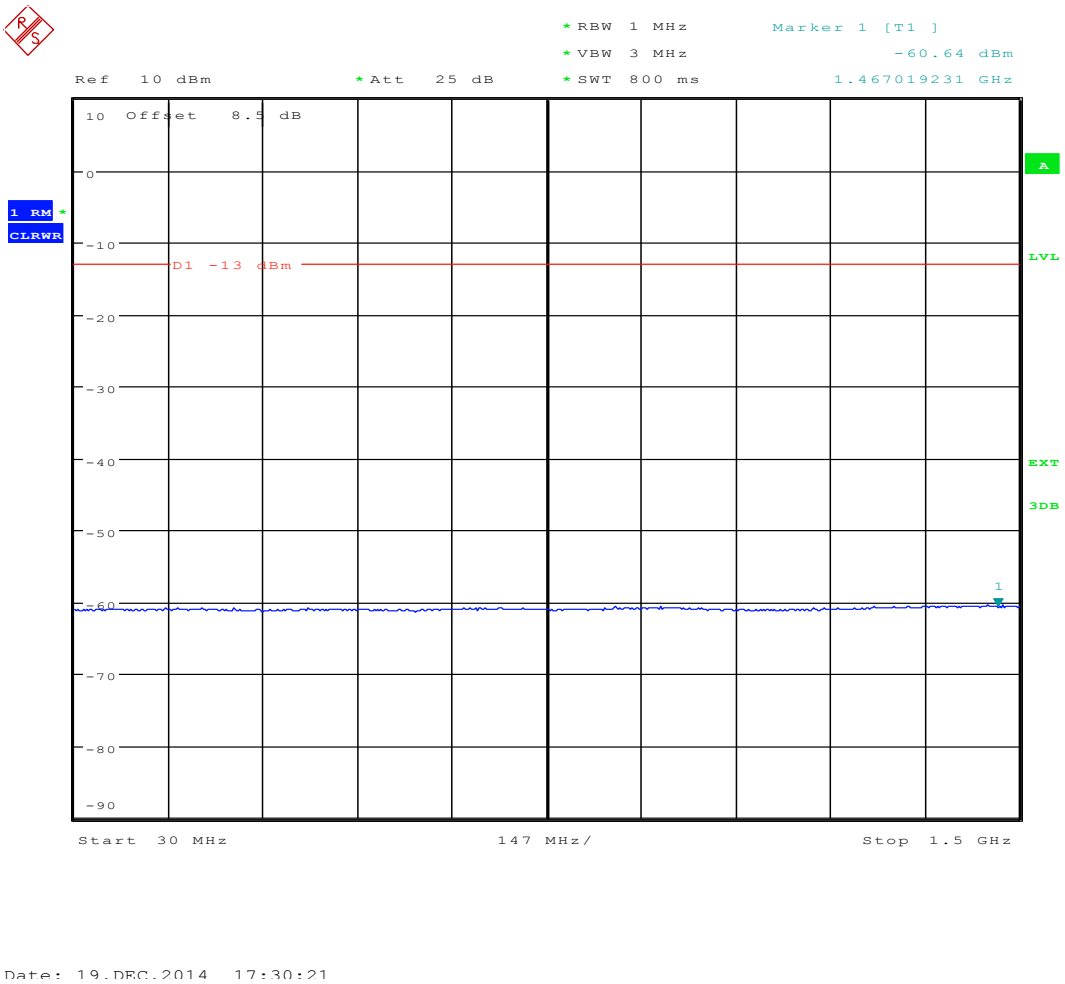
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



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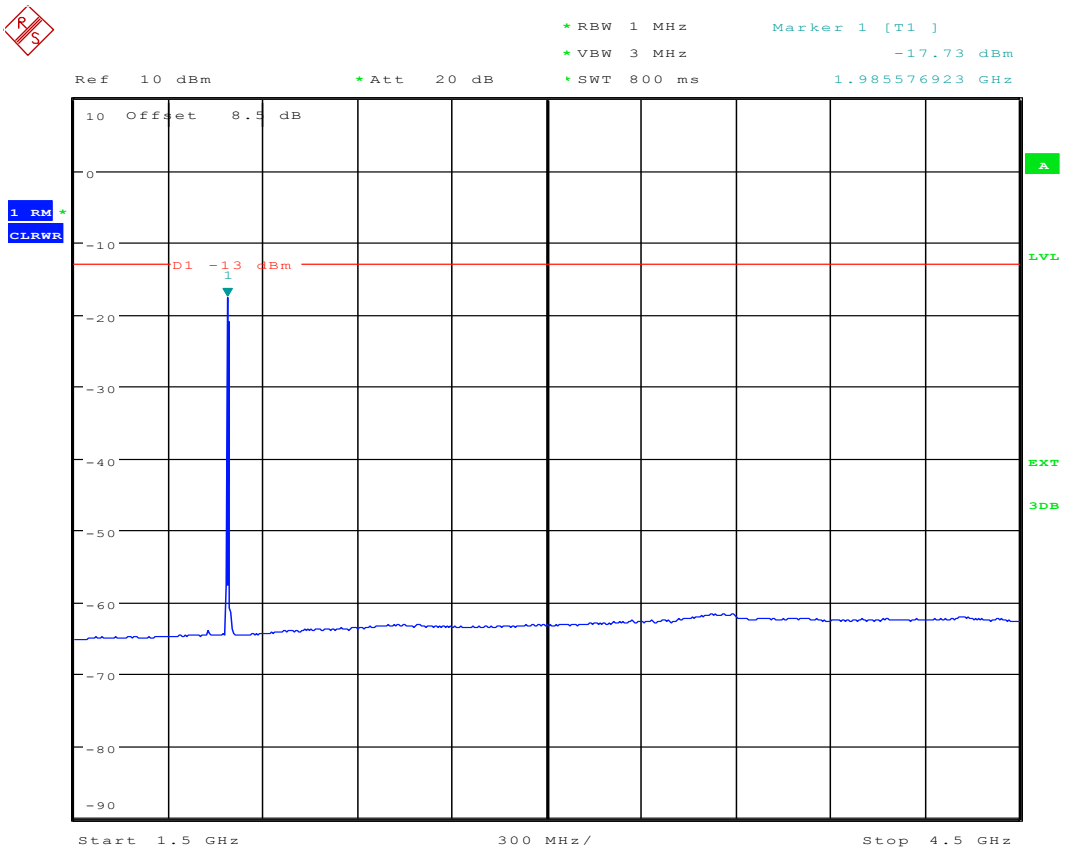
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



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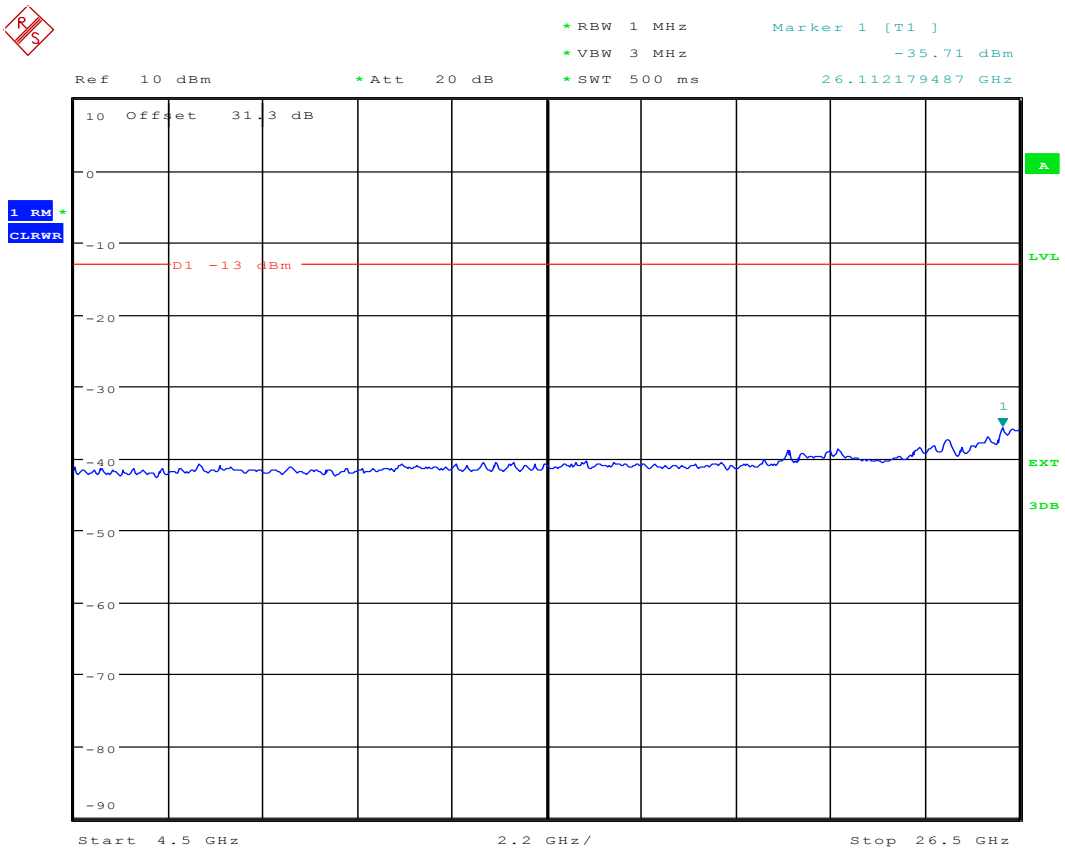
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



Date: 19.DEC.2014 12:40:35

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Appendix E1: Radiated (Spurious) Emissions

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1 Result Table

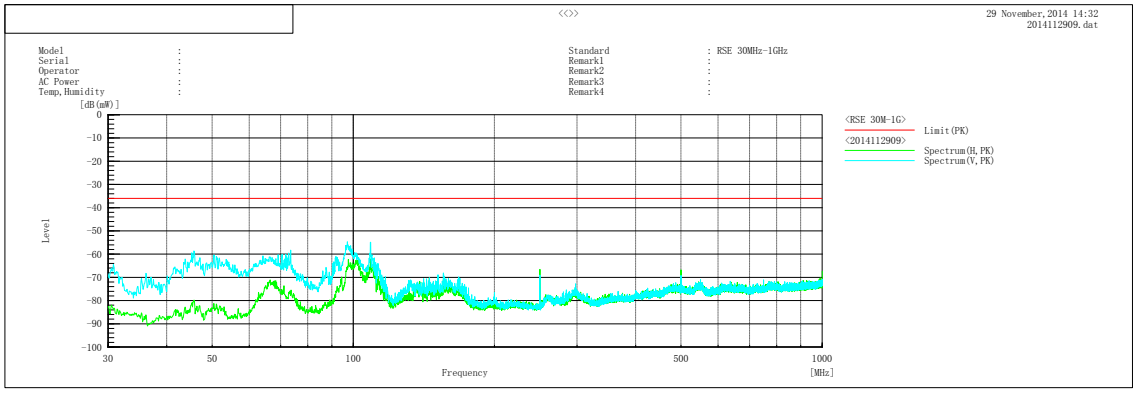
EUT Conf.	Measured Curve Conformed to the Emission Limit?	Verdict
1U_M (Worst case)	Yes	Pass

Note: The setting of analyzer is below

Frequency range	RBW	Detector
30MHz to 1GHz	1MHz	Average
1GHz to 18GHz	1MHz	Average
18GHz to 26.5GHz	1MHz	Average

2 Test Plot

2.1 30MHz-1GHz



Final Result

No.	Frequency [MHz]	(P)	c.f [dB]	Height [cm]	Angle [°]	Remark

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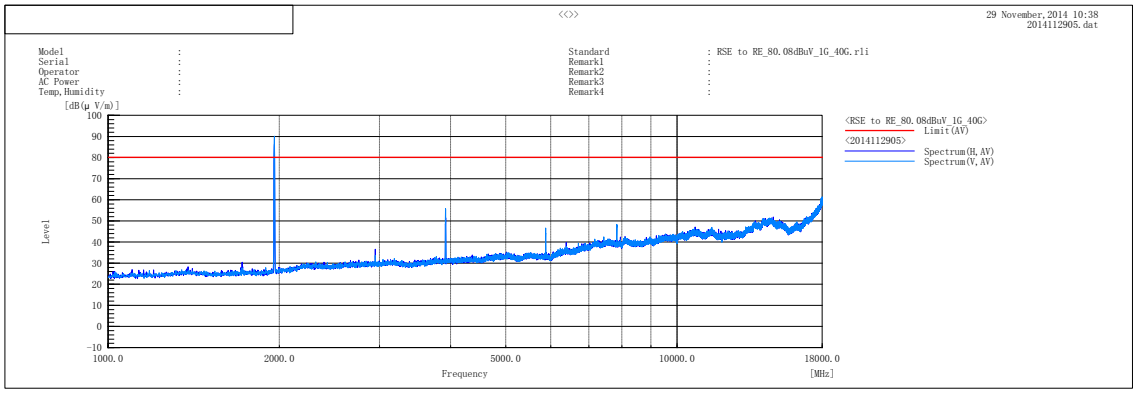
2.2 1GHz-18GHz

Note: the signal exceeding the limit line is the wanted signal.



Final Result

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

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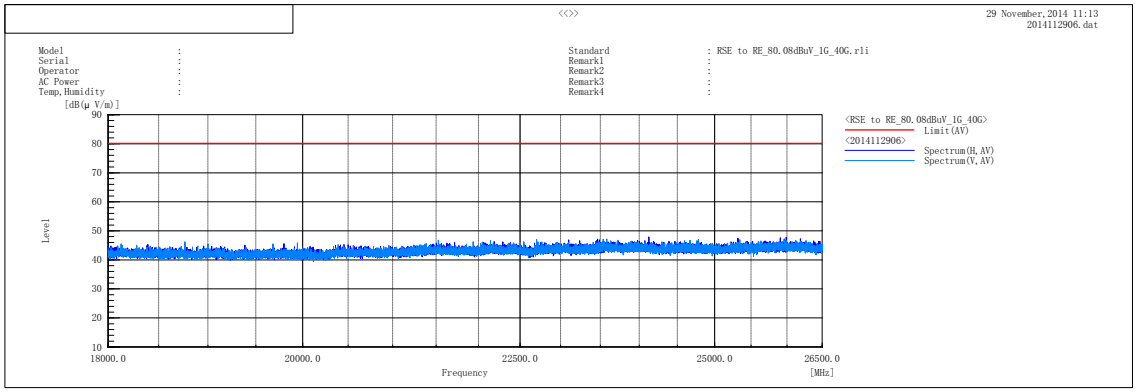
2.3 18GHz-26.5GHz



Final Result

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

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Appendix F1: Frequency Stability

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1 Result Table

1.1 Frequency Error

(1) Frequency Error vs. Temperature:

EUT Conf.	Voltage	Temperature	Freq. Error [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Verdict
5M_M	100%	-30 °C	-3.42	-0.0017449	0.000398	Pass
		-20 °C	-4.92	-0.0025102	-0.0003673	Pass
		-10 °C	-6.22	-0.0031735	-0.0010306	Pass
		0 °C	-5.99	-0.0030561	-0.0009133	Pass
		+10 °C	-6.03	-0.0030765	-0.0009337	Pass
		+20 °C	-4.2	-0.0021429	---	Pass
		+30 °C	-6.3	-0.0032143	-0.0010714	Pass
		+40 °C	-3.71	-0.0018929	0.00025	Pass
		+50 °C	-5.32	-0.0027143	-0.0005714	Pass

(2) Frequency Error vs. Voltage:

EUT Conf.	Temperature	Voltage	Freq. Error [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Verdict
5M_M	+20 °C	85 %	-5.45	-0.0027806	-0.0006378	Pass
		100 %	-4.2	-0.0021429	---	Pass
		115 %	-4.71	-0.0024031	-0.0002602	Pass

1.2 Frequency Range

(Not applicable)

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2 Test Plot

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

(Not applicable)

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Appendix G1: Receiver Spurious Emissions

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1 Result Table

(Not applicable)

2 Test Plot

(Not applicable)

END

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