Appendix A1: Transmitter Output Power

1 Result Table

1.1 Channel Power, Total

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

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

EUT Conf.	Channel Power [dBm]	Offset from Rated [dB]	Antenna Gain [dBi]	EIPR [W]	ERP [W]	Verdict
1U_B	48.79	-0.21	10	756.83	461.48	Pass
1U_M	48.81	-0.19	10	760.33	463.61	Pass
1U_T	48.73	-0.27	10	746.45	455.15	Pass
2U_M	48.80	-0.20	10	758.64	462.58	Pass
3U_M	48.55	-0.45	10	716.63	436.97	Pass
4U_M	48.78	-0.22	10	754.23	459.89	Pass
1G_GMSK_B	48.71	-0.29	10	743.02	453.06	Pass
1G_GMSK_M	48.74	-0.26	10	748.17	456.20	Pass
1G_GMSK_T	48.83	-0.17	10	763.84	465.75	Pass
2G_GMSK_M	48.72	-0.28	10	744.29	453.83	Pass
3G_GMSK_M	48.74	-0.26	10	748.49	456.40	Pass
4G_GMSK_M	48.73	-0.27	10	746.58	455.23	Pass
5G_GMSK_M	48.56	-0.44	10	717.06	437.23	Pass
6G_GMSK_M	48.25	-0.75	10	668.69	407.74	Pass
1G_8PSK_B	48.94	-0.06	10	783.43	477.70	Pass
1G_8PSK_M	48.96	-0.04	10	787.05	479.91	Pass
1G_8PSK_T	48.80	-0.20	10	758.58	462.55	Pass
2G_8PSK_M	48.69	-0.31	10	738.98	450.60	Pass
3G_8PSK_M	48.71	-0.29	10	743.25	453.20	Pass
4G_8PSK_M	47.48	-0.34	10	559.79	341.34	Pass
5G_8PSK_M	46.86	-0.33	10	485.34	295.94	Pass
6G_8PSK_M	46.72	0.04	10	470.14	286.67	Pass
1G1U_M	48.84	-0.16	10	765.68	466.88	Pass
1G2U_M	48.69	-0.31	10	738.96	450.59	Pass
2G1U_M	48.67	-0.33	10	736.31	448.97	Pass
2G2U_M	48.67	-0.33	10	735.77	448.64	Pass
3G1U_M	48.60	-0.40	10	724.35	441.68	Pass
3G2U_M	48.65	-0.35	10	733.28	447.12	Pass
4G1U_M	47.91	-1.09	10	618.56	377.17	Pass

1.2 Power Spectral Density

(Not applicable)

1.3 Peak-to-Average Ratio

EUT Conf.	Peak-to-Average Ratio [dB]	Verdict
1U_B	7.13	Pass
1U_M	7.04	Pass
1U_T	7.18	Pass
1G_GMSK_B	0.24	Pass
1G_GMSK_M	0.22	Pass
1G_GMSK_T	0.24	Pass
1G_8PSK_B	3.15	Pass
1G_8PSK_M	3.16	Pass
1G_8PSK_T	3.36	Pass

2 Test Plot

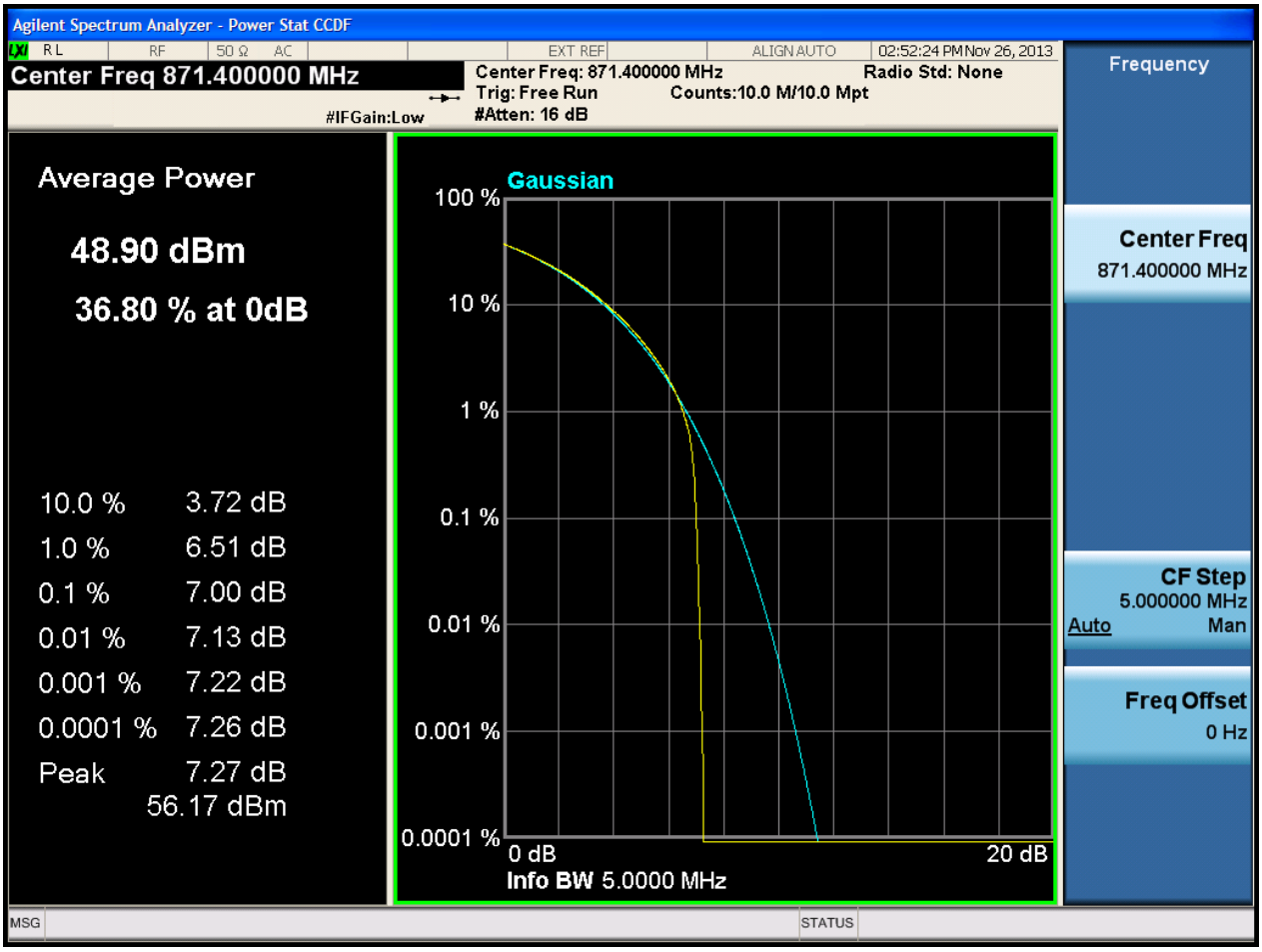
NOTE: Only the test plots for the measurements of Spectral Density and Peak-to-Average Ratio are supplied.

2.1 Power Spectral Density

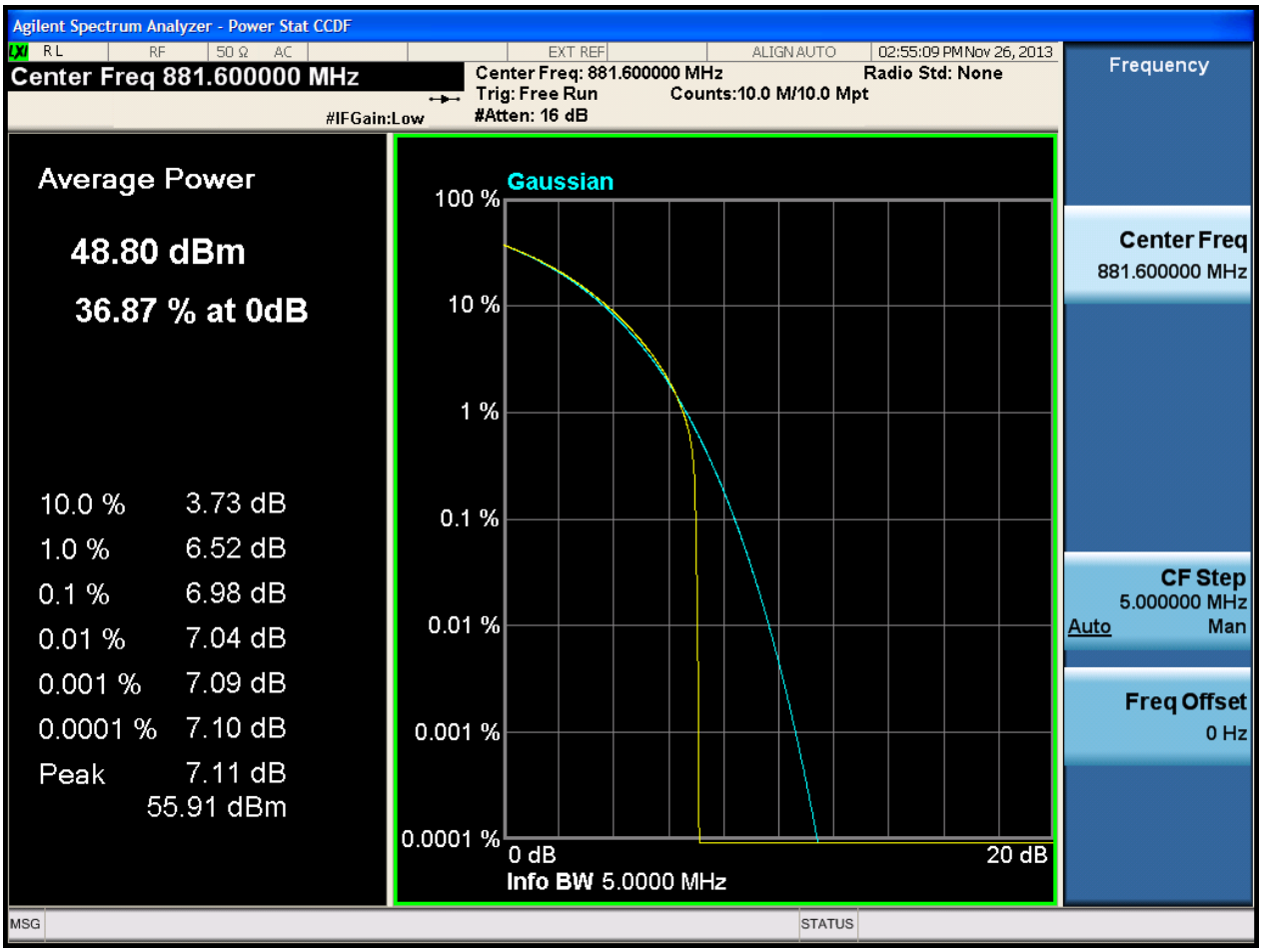
(Not applicable)

2.2 Peak-to-Average Ratio

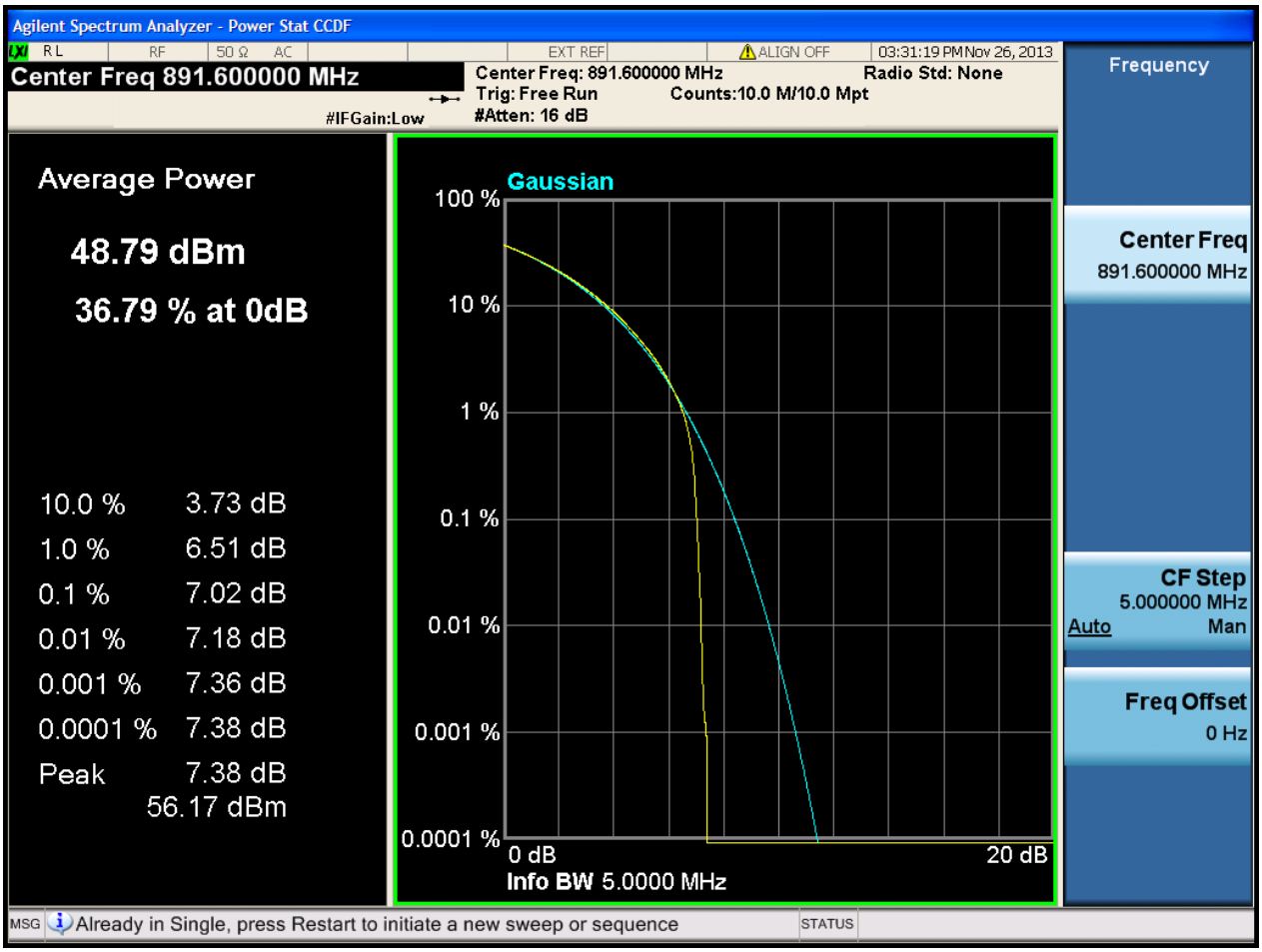
2.2.1 1U_B



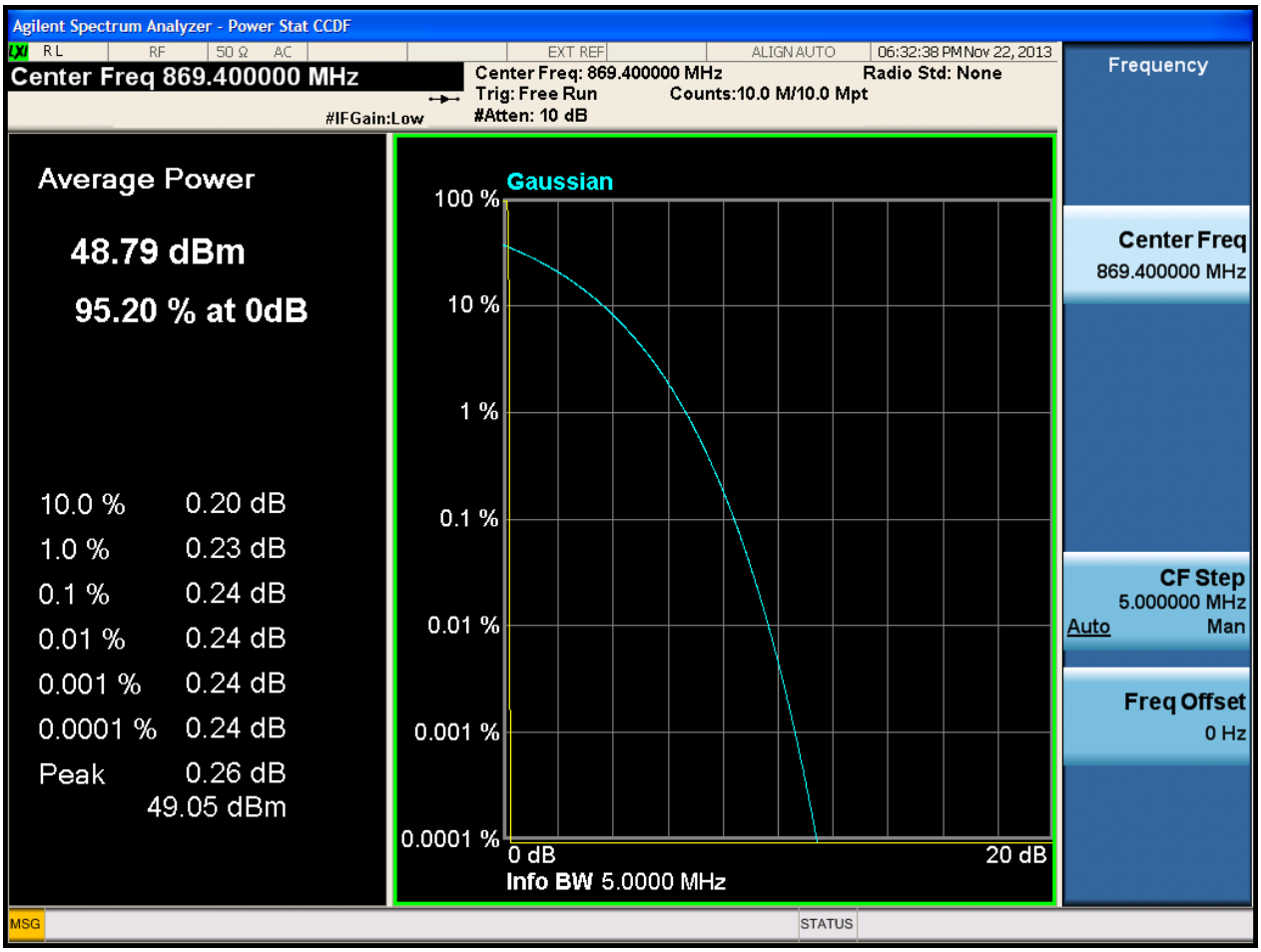
2.2.2 1U_M



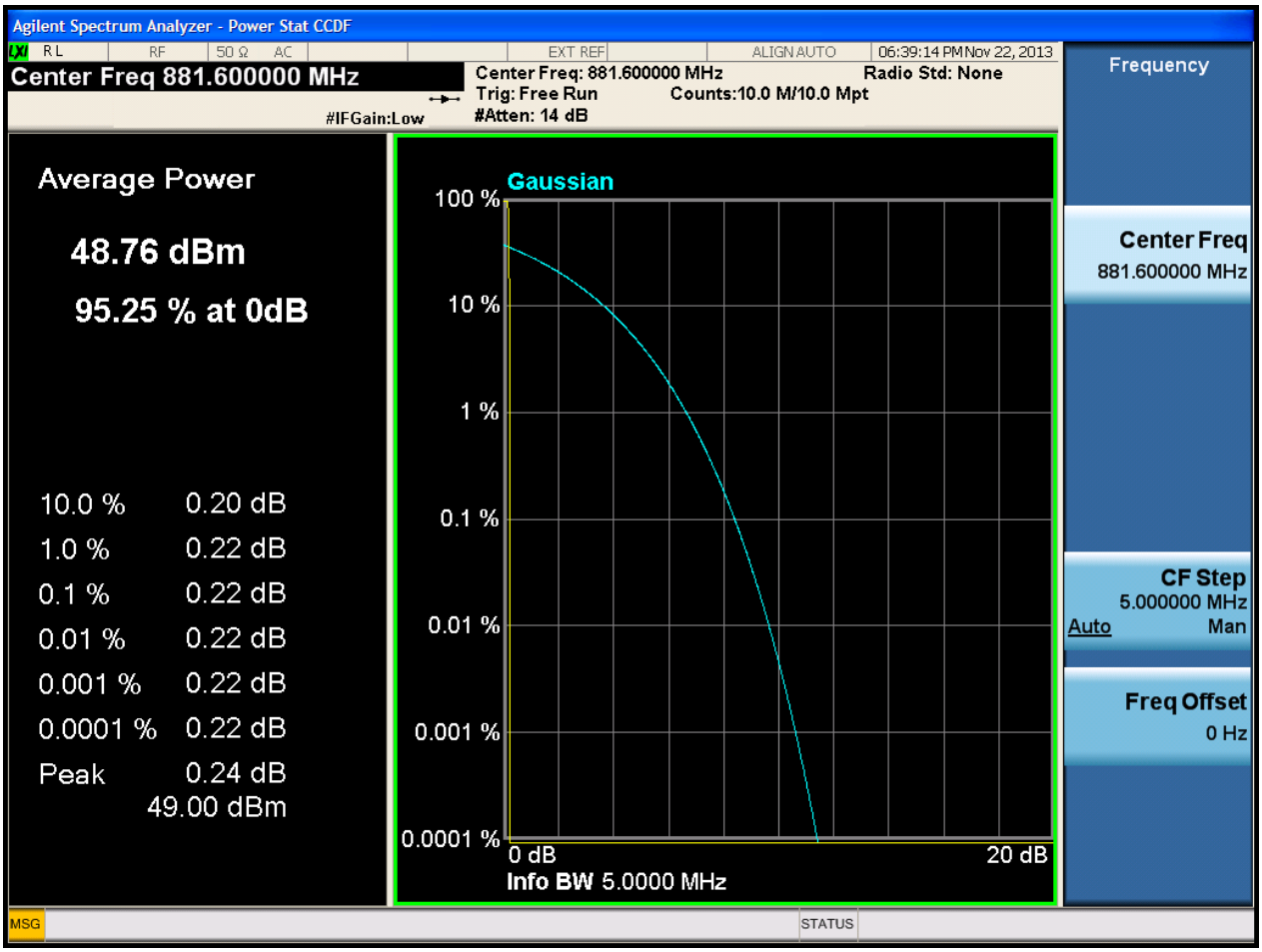
2.2.3 1U_T



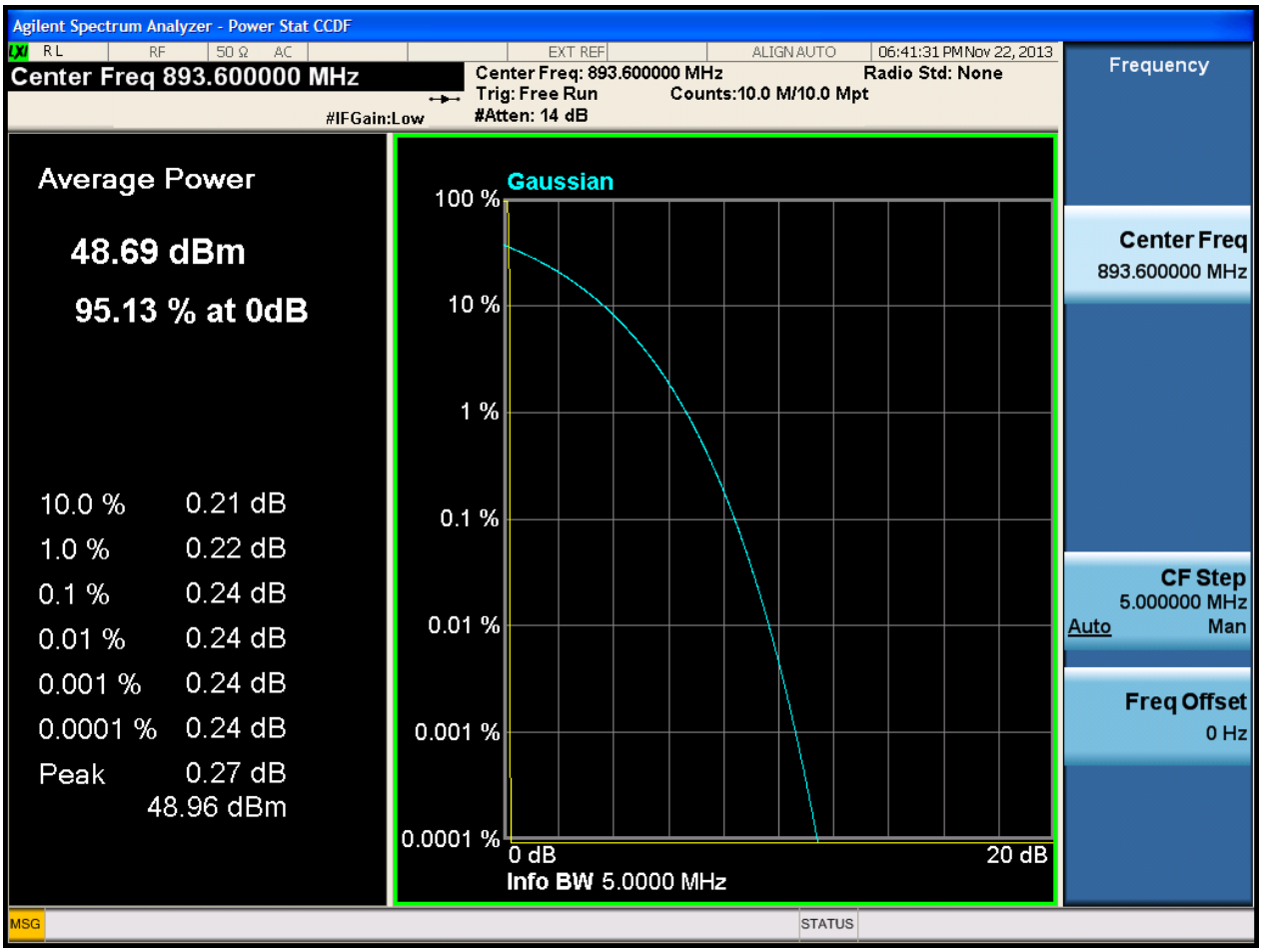
2.2.4 1G_GMSK_B



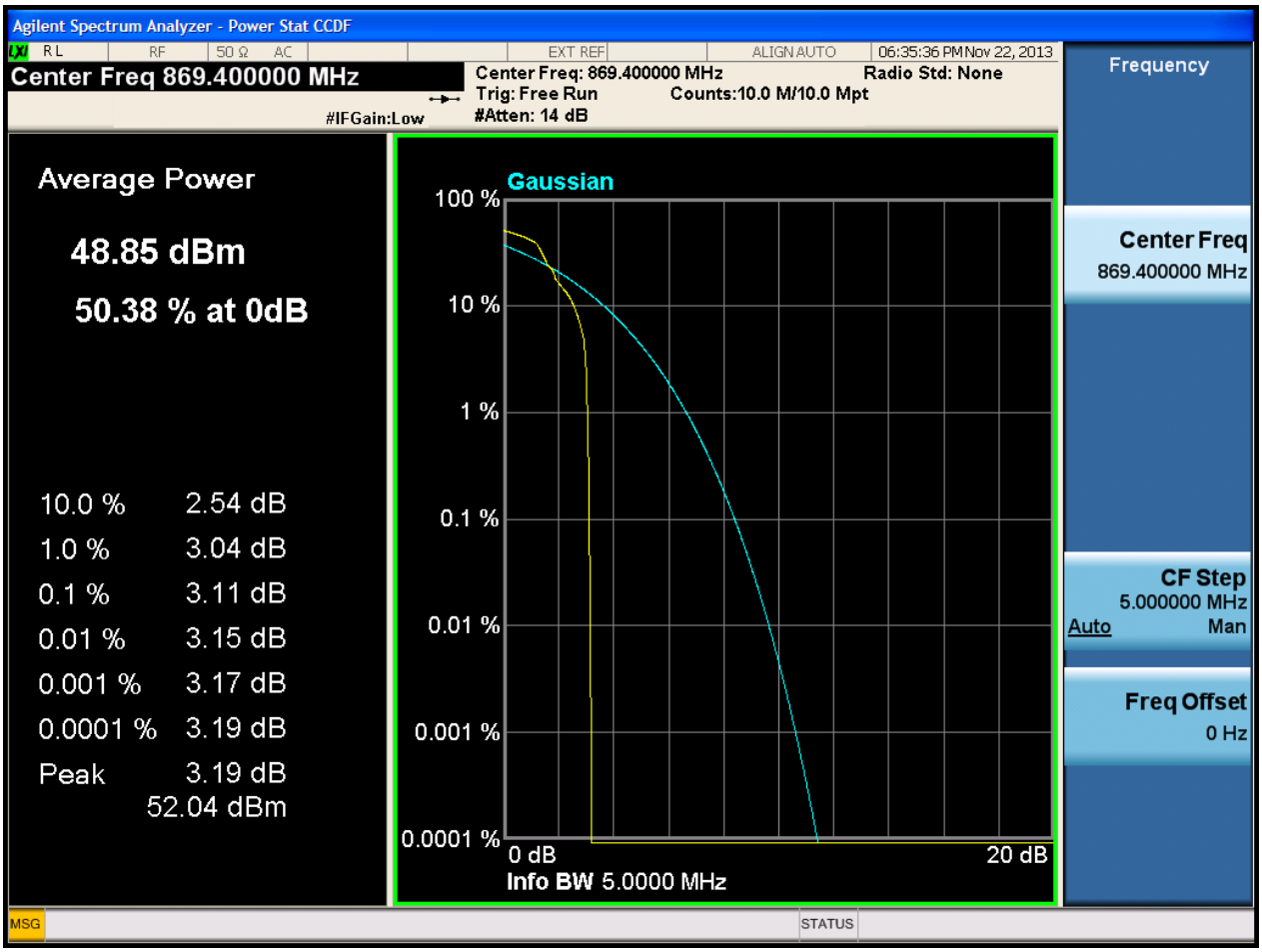
2.2.5 1G_GMSK_M



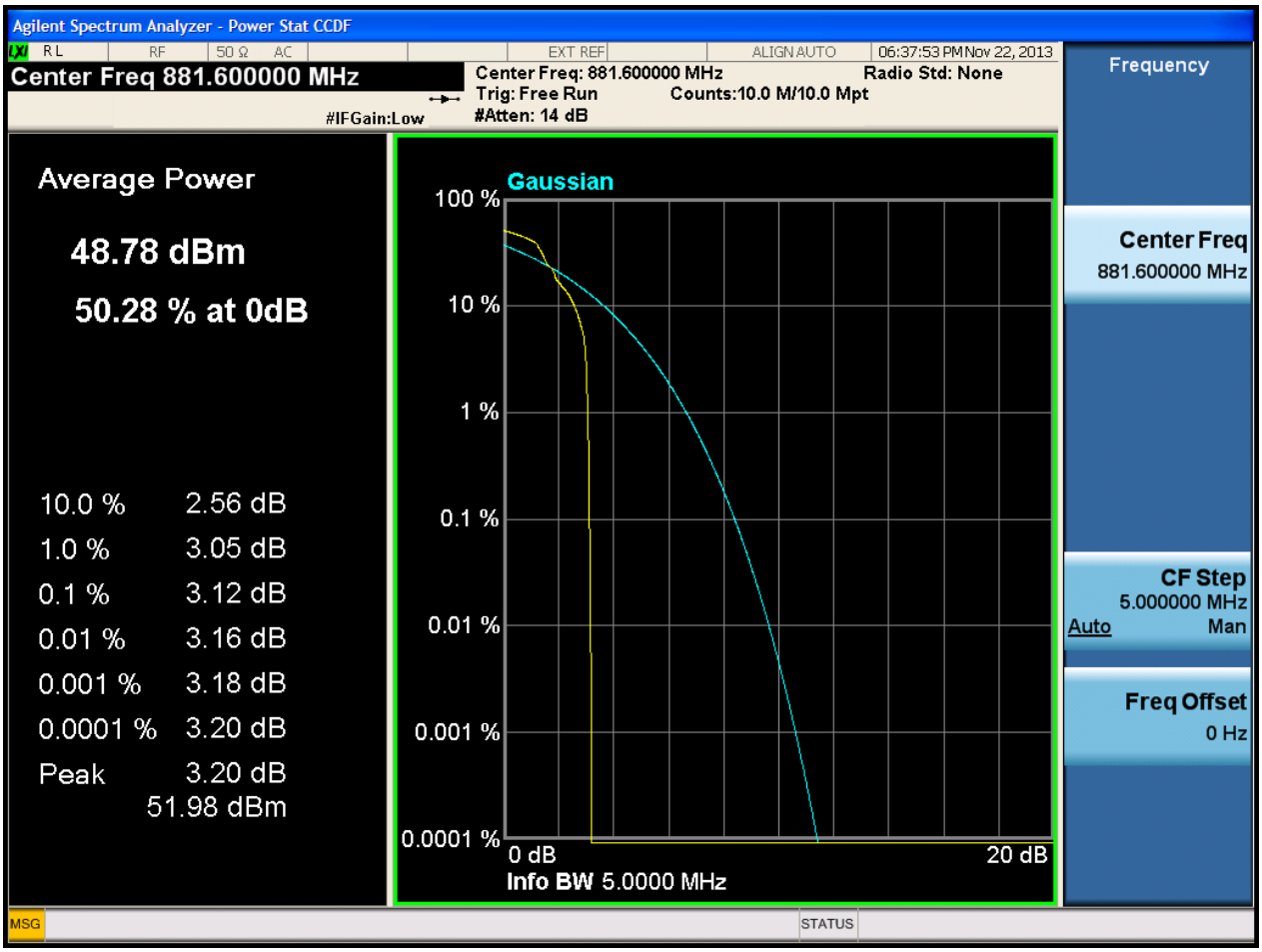
2.2.6 1G_GMSK_T



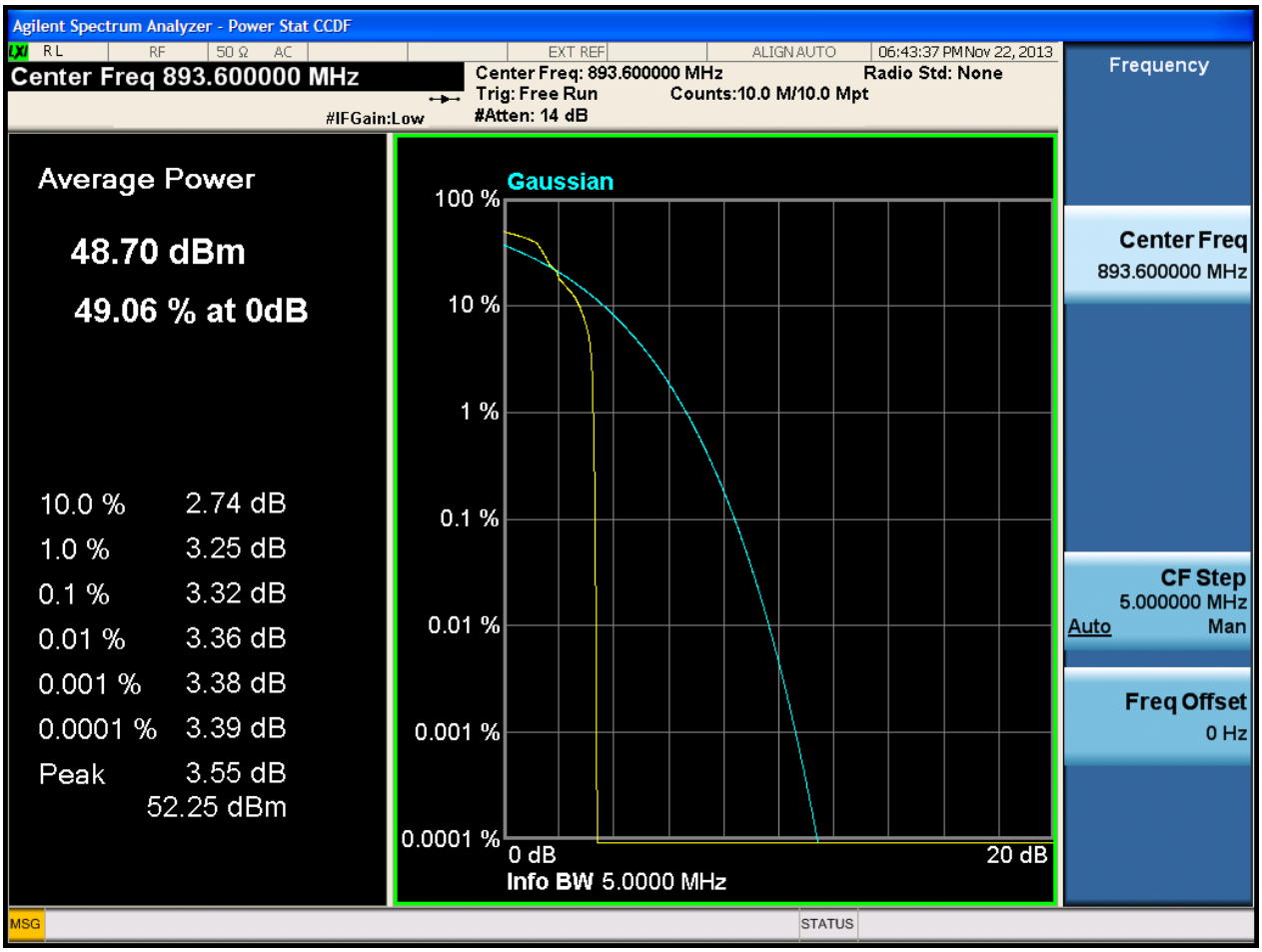
2.2.7 1G_8PSK_B



2.2.8 1G_8PSK_M



2.2.9 1G_8PSK_T



Appendix B1: Bandwidth

1 Result Table

1.1 Occupied Bandwidth

EUT Conf.	Occupied Bandwidth [MHz]	Verdict
1U_B	4.167348	---
1U_M	4.169089	---
1U_T	4.16625	---
1G_GMSK_B	0.244977	---
1G_GMSK_M	0.246564	---
1G_GMSK_T	0.246877	---
1G_8PSK_B	0.251482	---
1G_8PSK_M	0.248433	---
1G_8PSK_T	0.246112	---

1.2 Emission Bandwidth

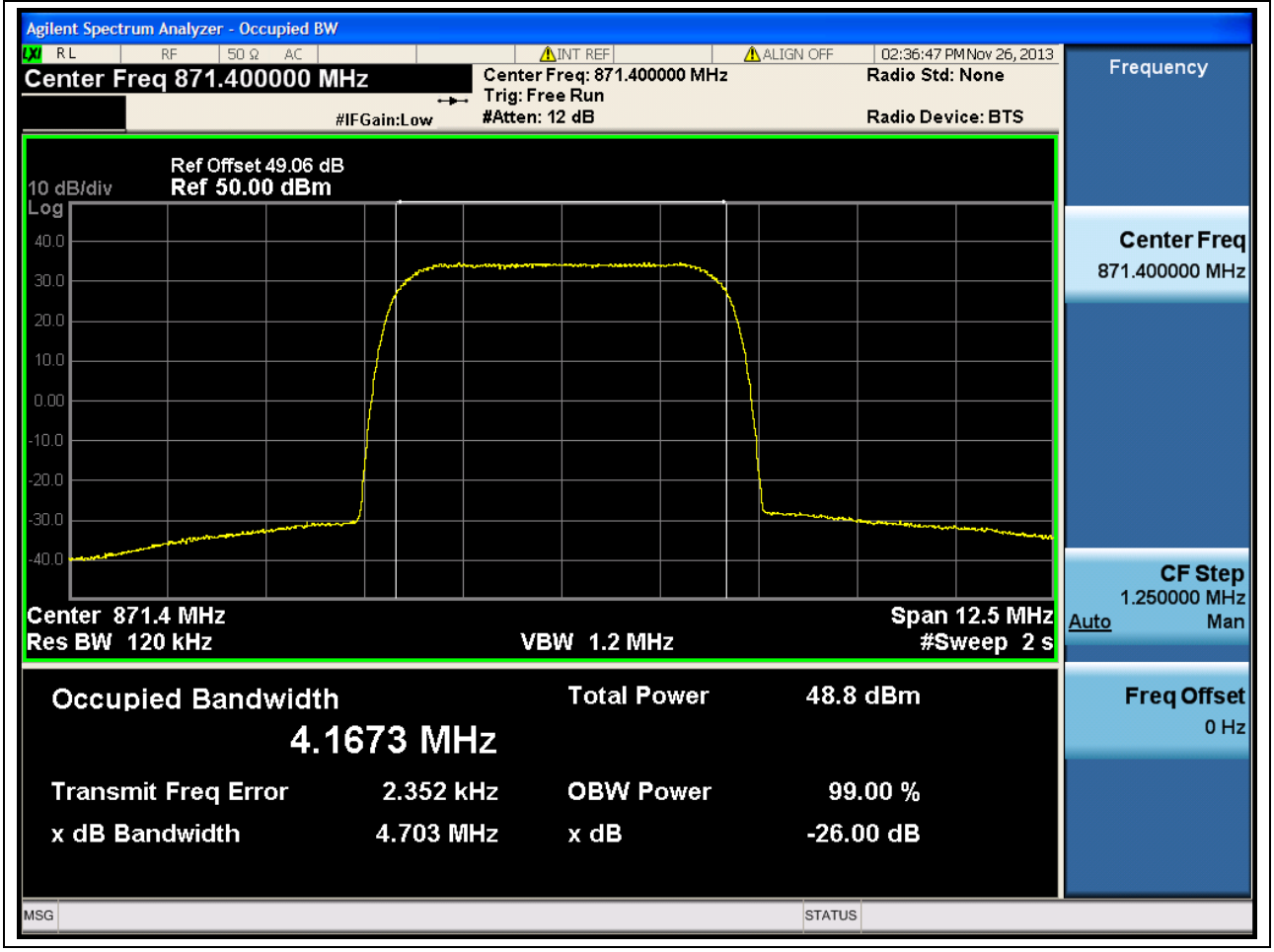
EUT Conf.	Emission Bandwidth, -26 dBc [MHz]	Emission Bandwidth, -20 dBc [MHz]	Verdict
1U_B	4.683776	---	---
1U_M	4.69376	---	---
1U_T	4.69376	---	---
1G_GMSK_B	0.44	---	---
1G_GMSK_M	0.440512	---	---
1G_GMSK_T	0.438976	---	---
1G_8PSK_B	0.437504	---	---
1G_8PSK_M	0.439488	---	---
1G_8PSK_T	0.435968	---	---

2 Test Plot

2.1 Occupied Bandwidth

2.1.1 1U_B

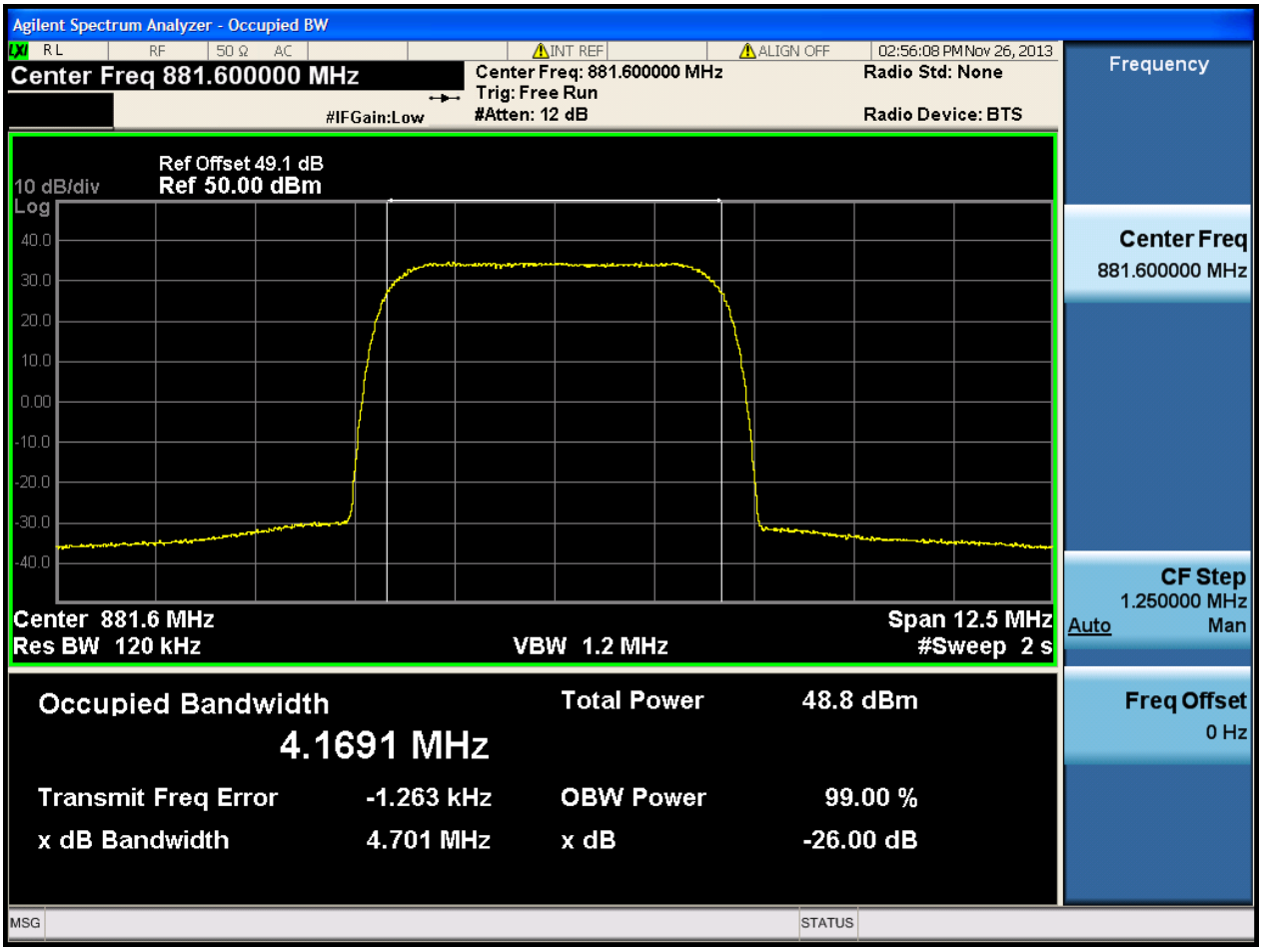
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
871.4	99	Auto	RMS	4.167348	No Conclusion



2.1.2 1U_M

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
881.6	99	Auto	RMS	4.169089	No Conclusion

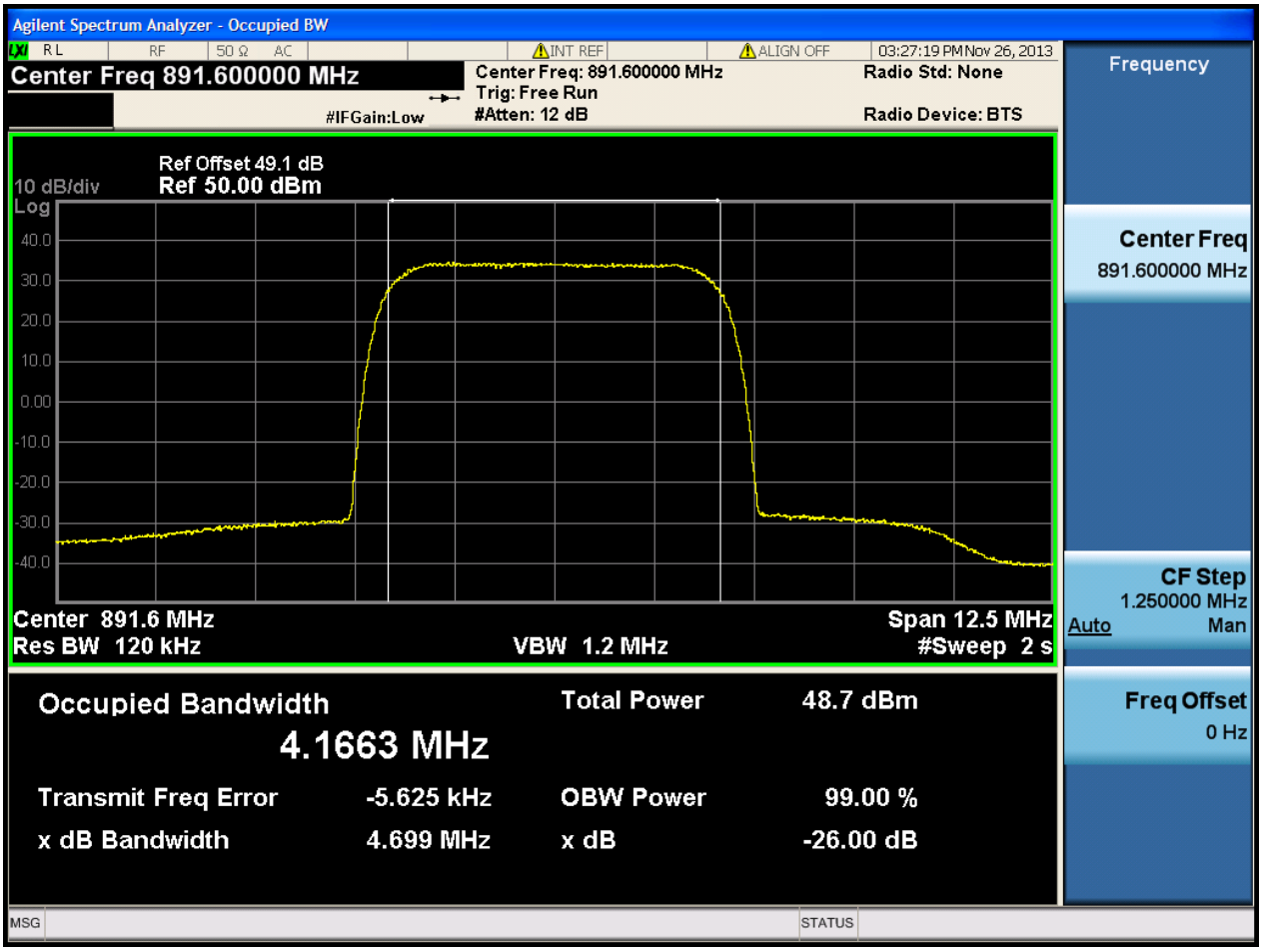
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.1.3 1U_T

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
891.6	99	Auto	RMS	4.16625	No Conclusion

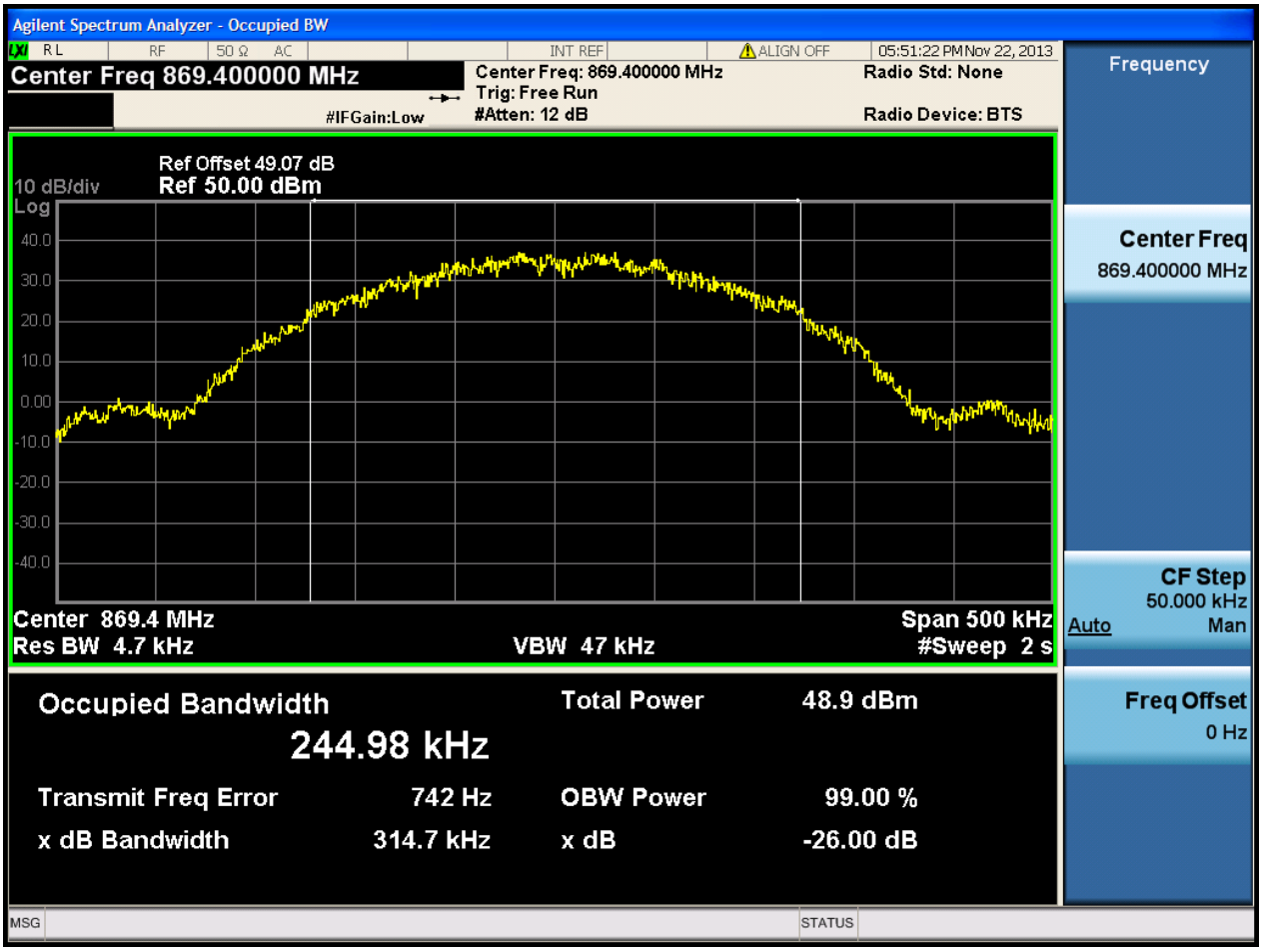
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.1.4 1G_GMSK_B

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
869.4	99	Auto	RMS	0.244977	No Conclusion

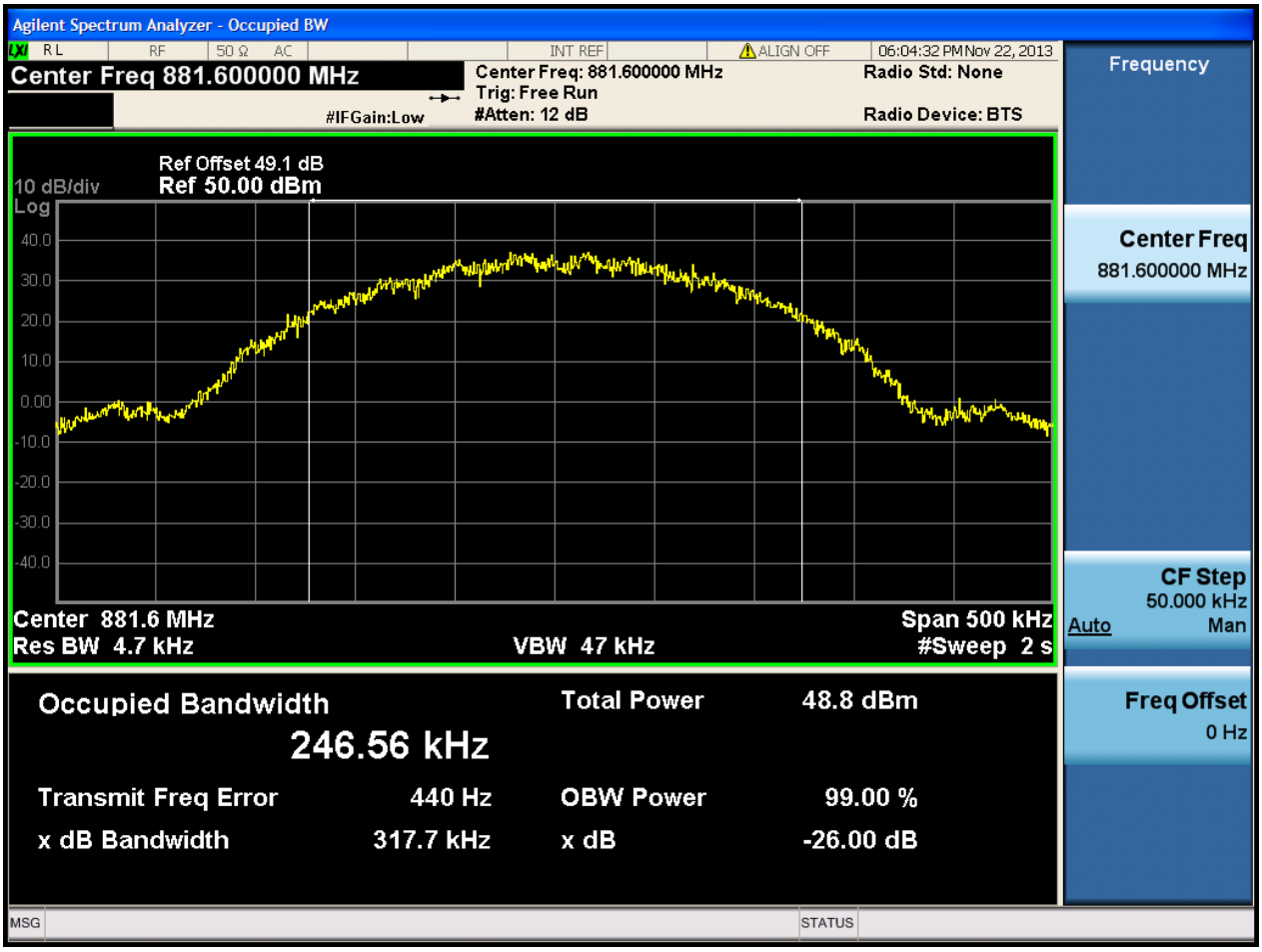
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.1.5 1G_GMSK_M

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
881.6	99	Auto	RMS	0.246564	No Conclusion

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



2.1.6 1G_GMSK_T

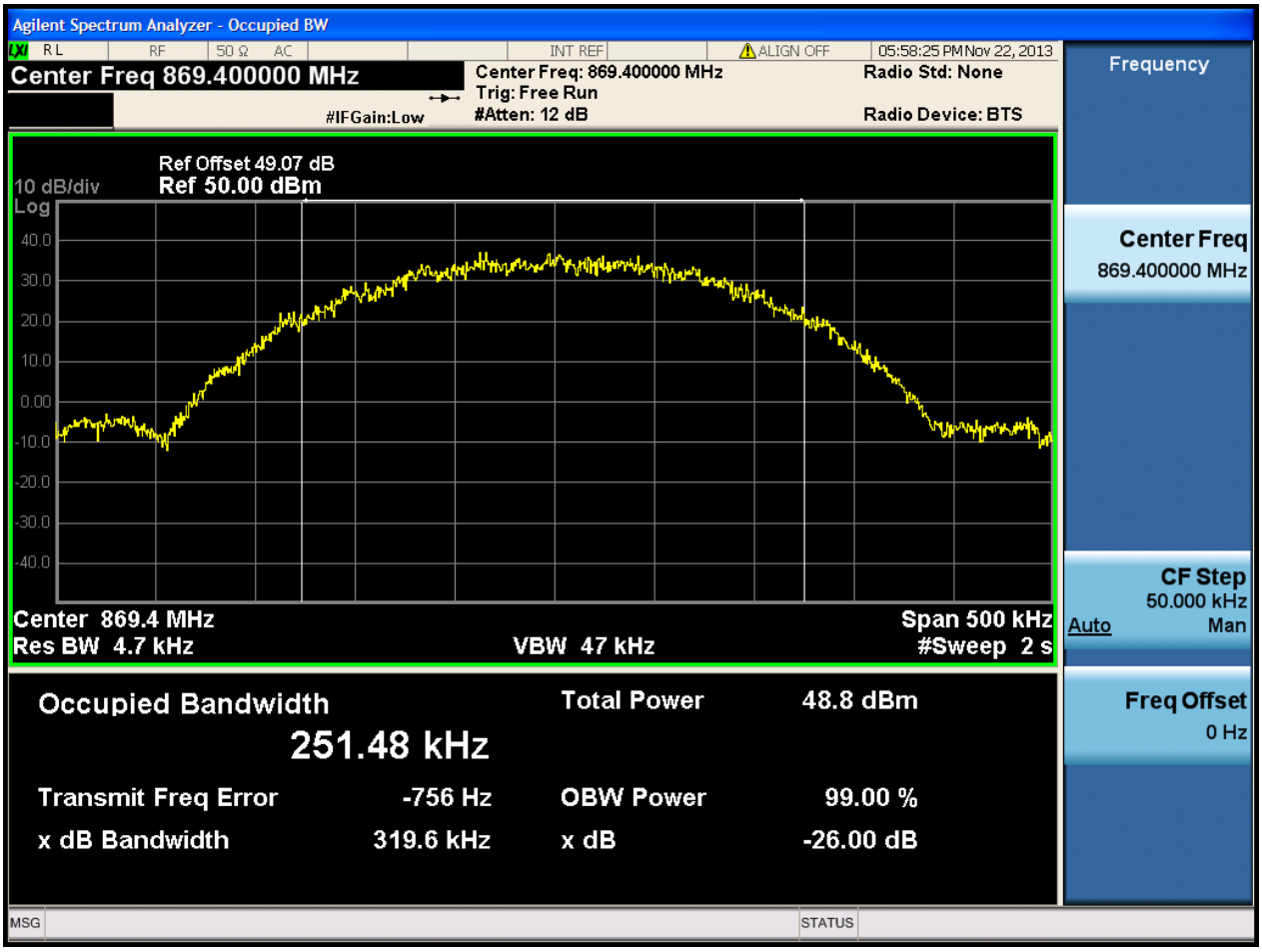
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
893.6	99	Auto	RMS	0.246877	No Conclusion

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

2.1.7 1G_8PSK_B

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
869.4	99	Auto	RMS	0.251482	No Conclusion

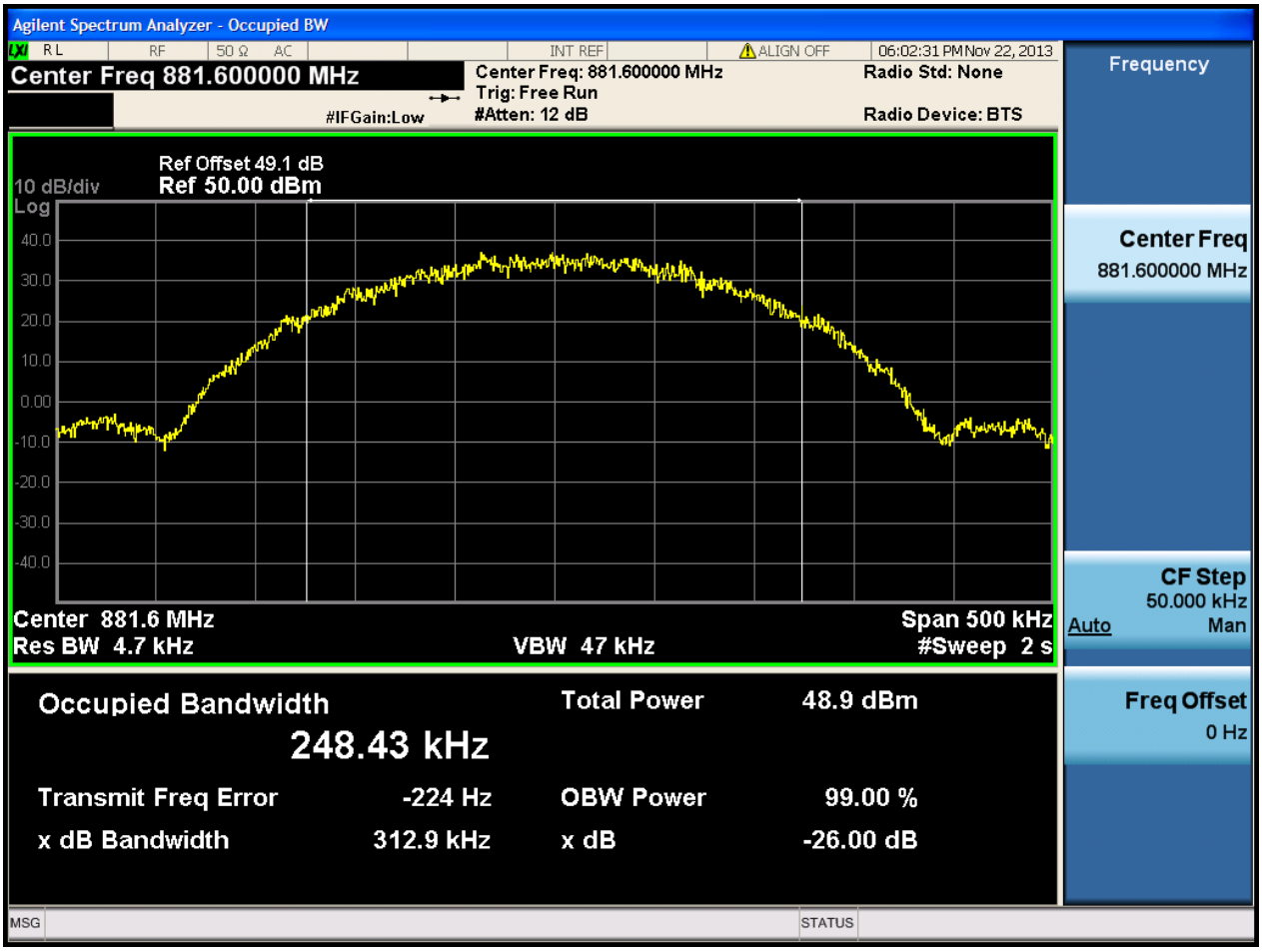
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.1.8 1G_8PSK_M

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
881.6	99	Auto	RMS	0.248433	No Conclusion

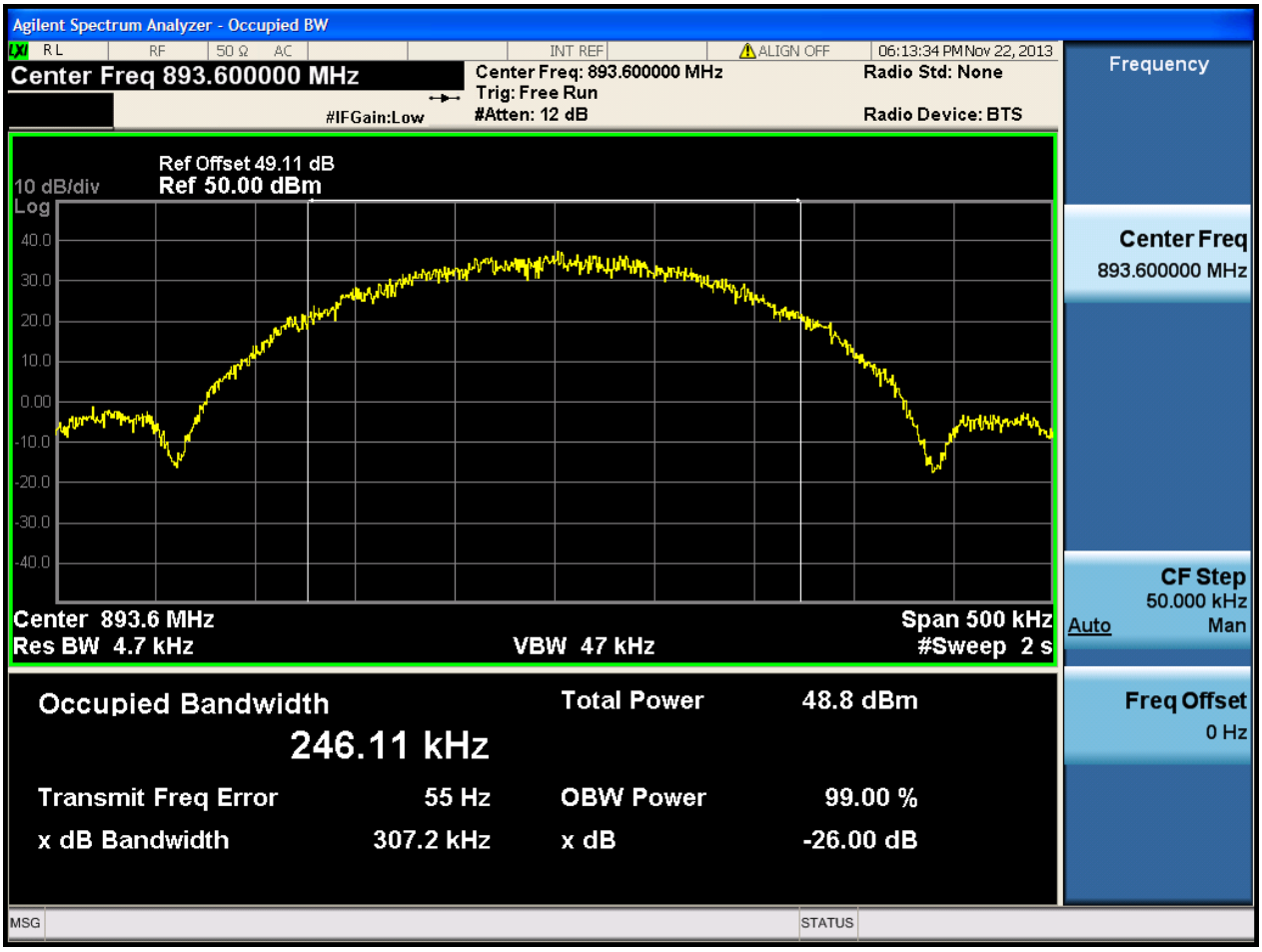
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.1.9 1G_8PSK_T

Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict
893.6	99	Auto	RMS	0.246112	No Conclusion

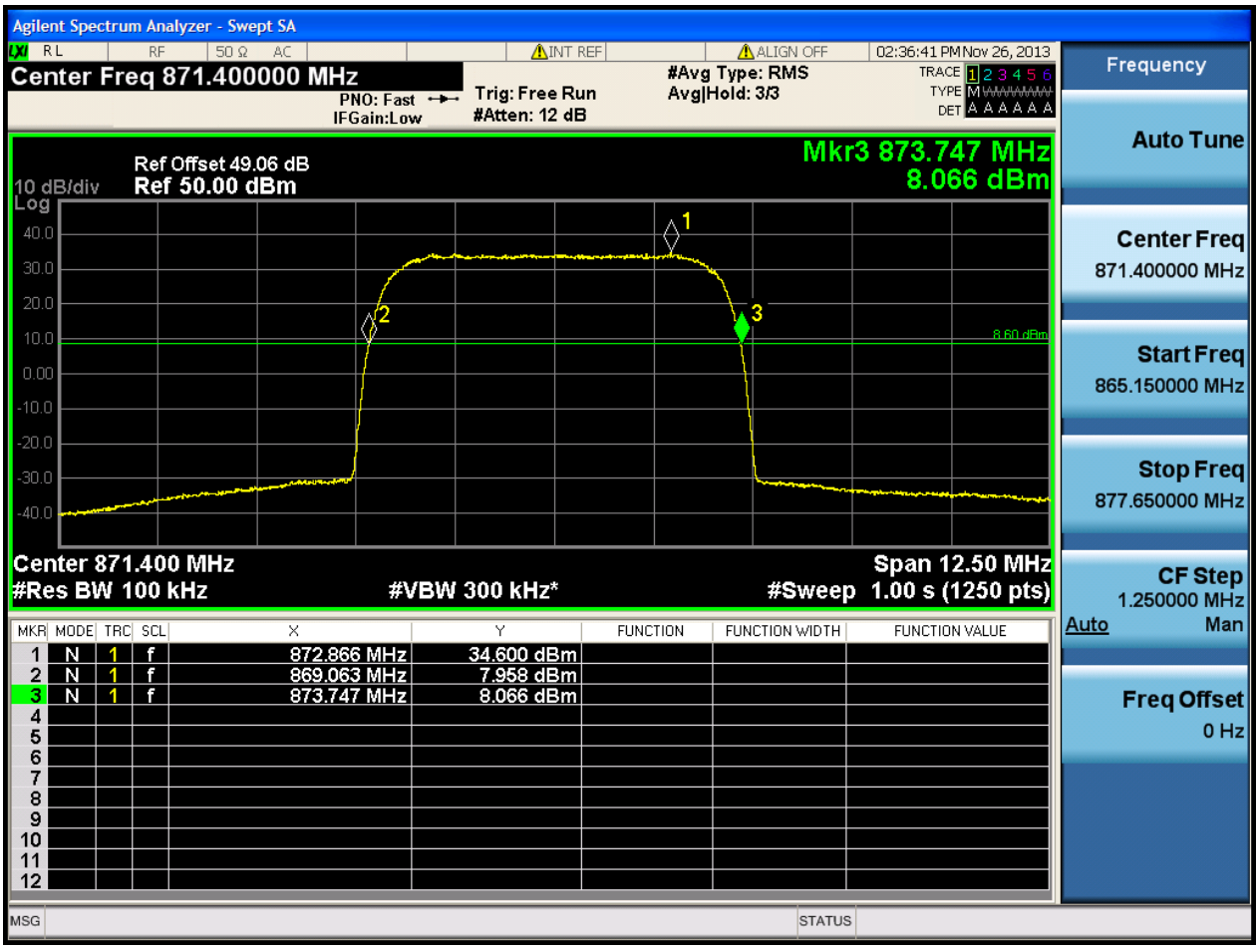
Center Frequency [MHz]	OBW Power [%]	RBW [MHz]	Detector	OBW [MHz]	Verdict



2.2 Emission Bandwidth

2.2.1 1U_B

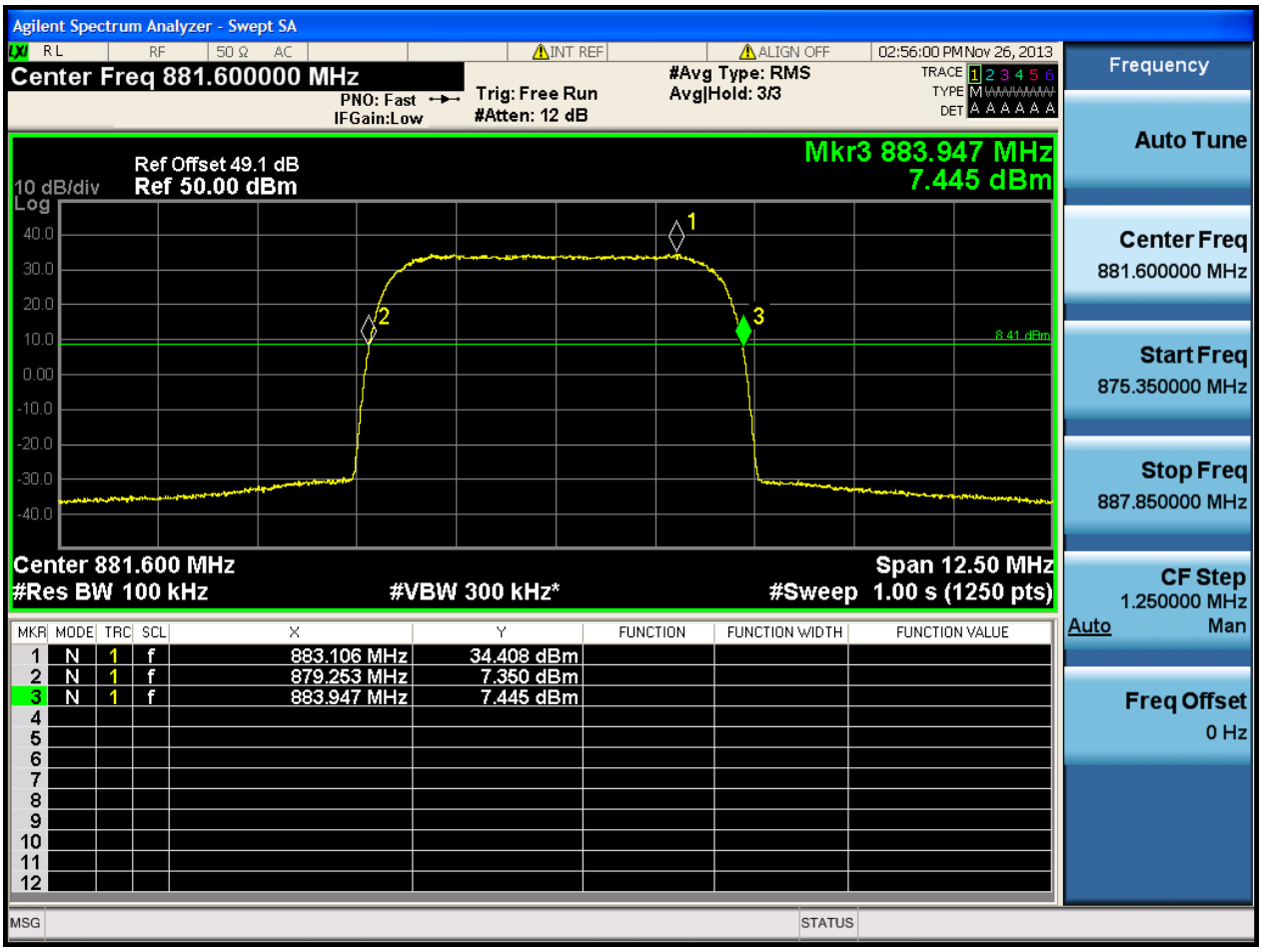
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
871.4	12.5	26	0.1	RMS	4.683776	---	869.063104	869	873.74688	894	---



2.2.2 1U_M

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
881.6	12.5	26	0.1	RMS	4.6937	---	879.2531	869	883.9468	894	---

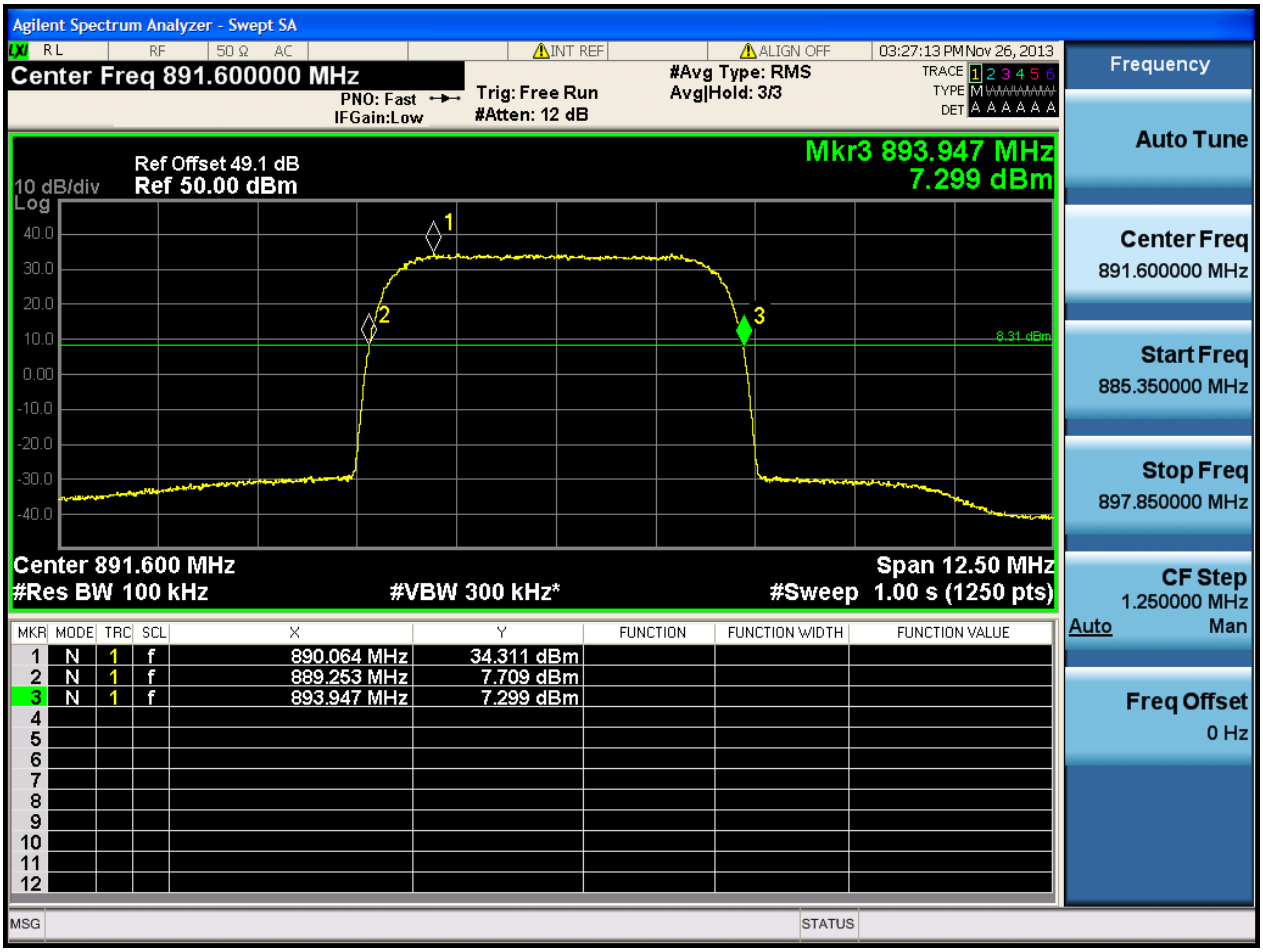
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
					6		2		8		



2.2.3 1U_T

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
891.6	12.5	26	0.1	RMS	4.69376	---	889.25312	869	893.94688	894	---

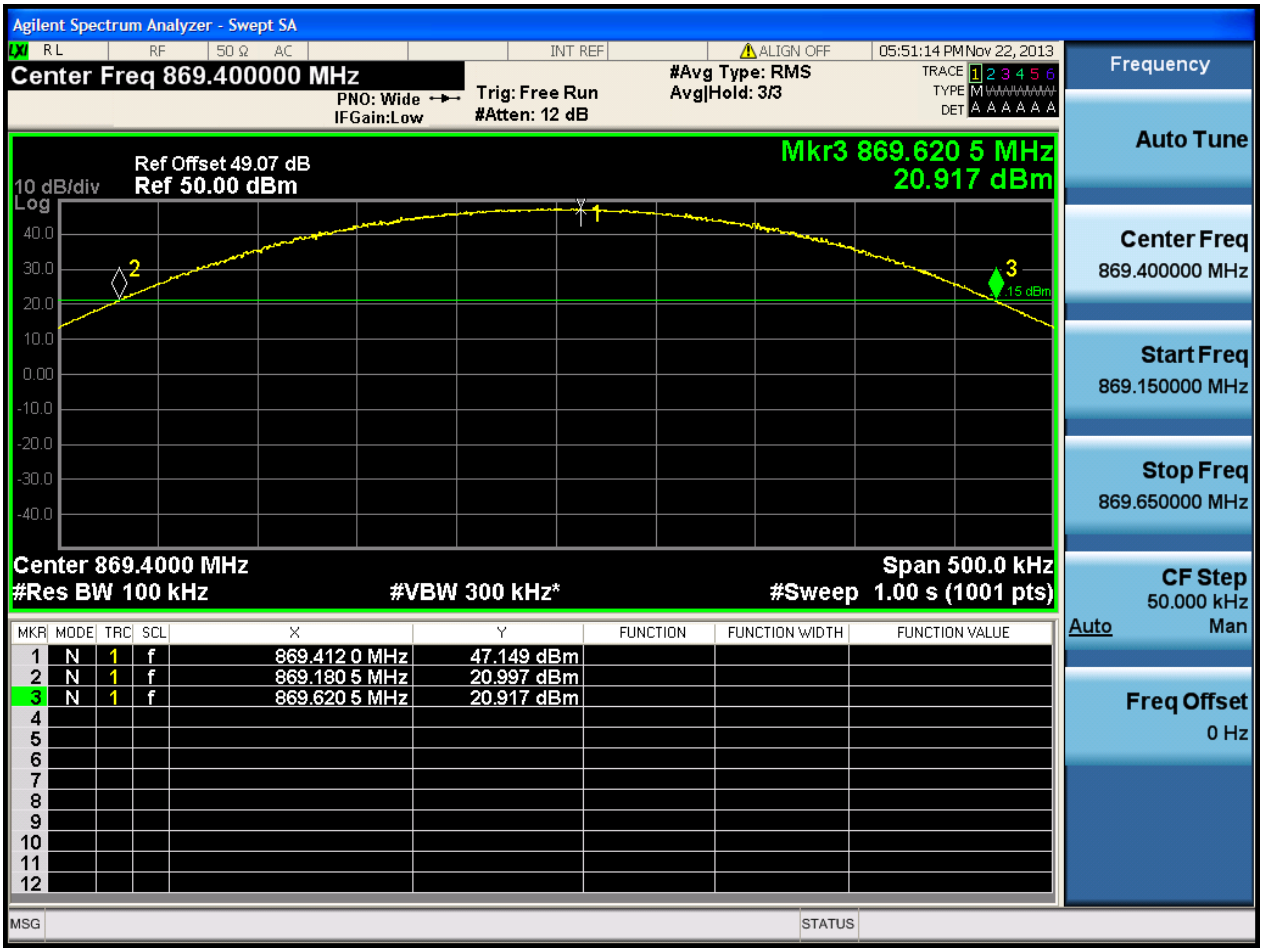
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



2.2.4 1G_GMSK_B

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
869.4	0.5	26	0.1	RMS	0.44	---	869.18048	869	869.62048	894	---

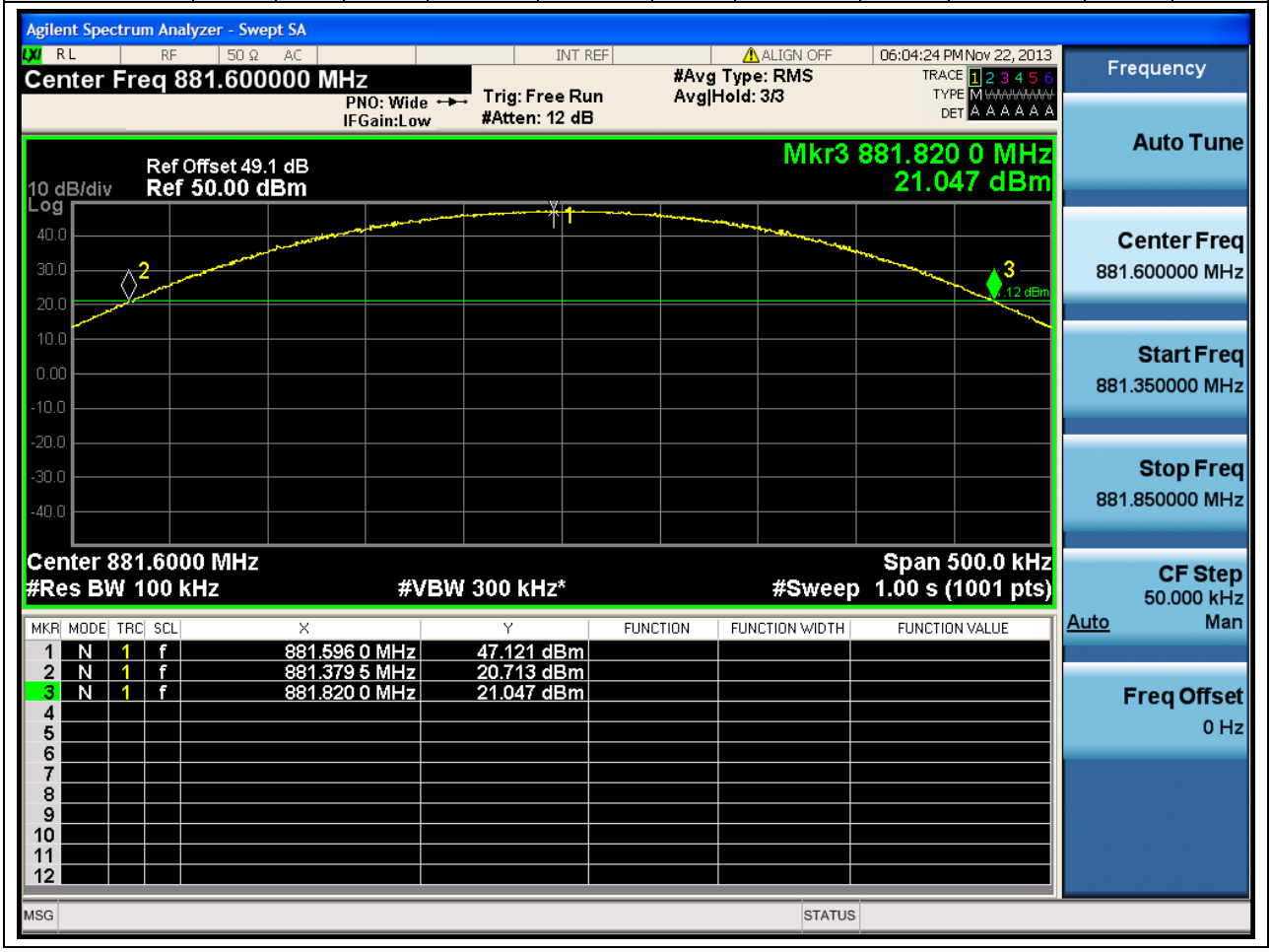
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



2.2.5 1G_GMSK_M

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
881.6	0.5	26	0.1	RMS	0.440512	---	881.37952	869	881.820032	894	---

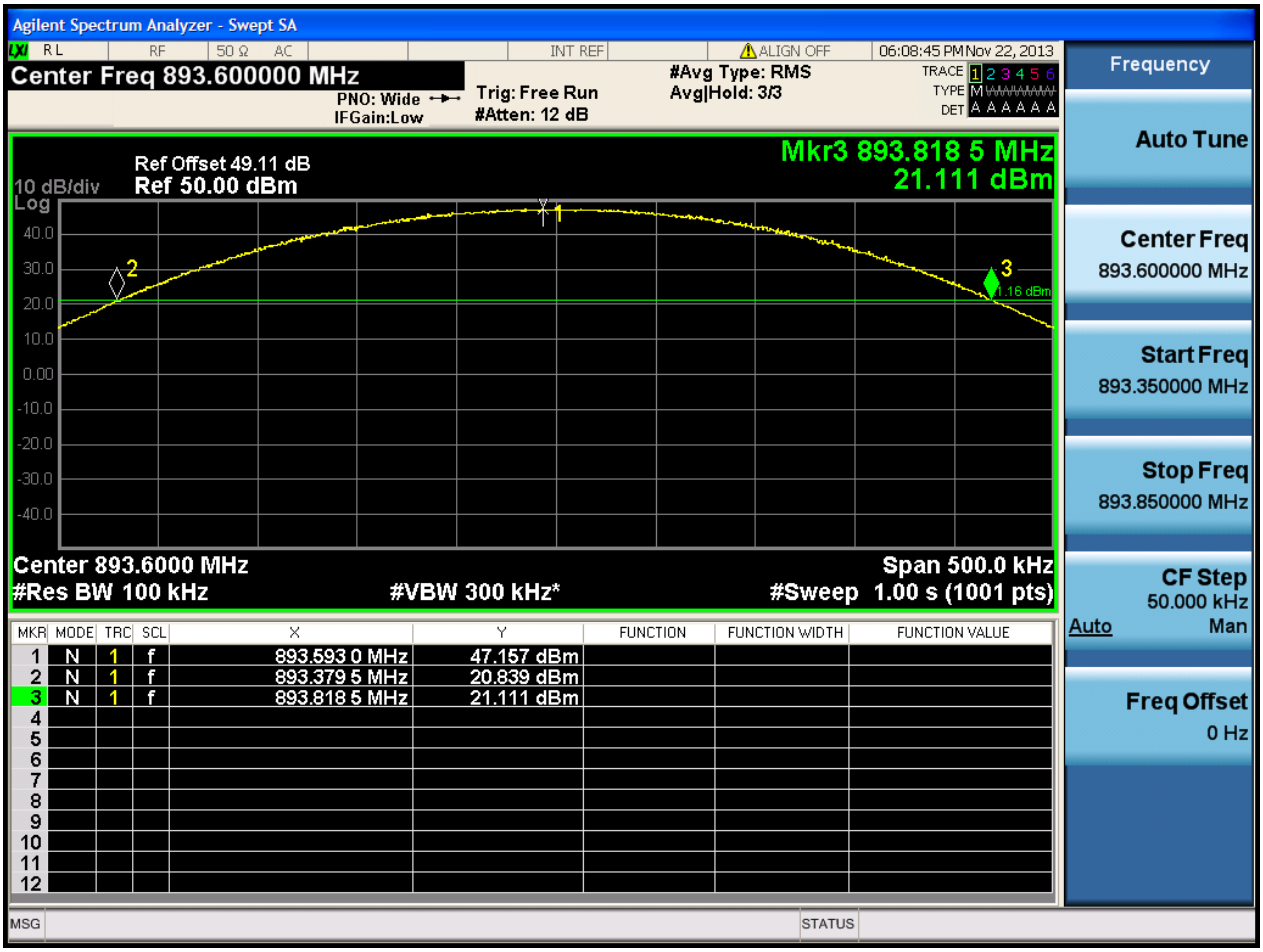
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



2.2.6 1G_GMSK_T

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
893.6	0.5	26	0.1	RMS	0.438976	---	893.37952	869	893.818496	894	---

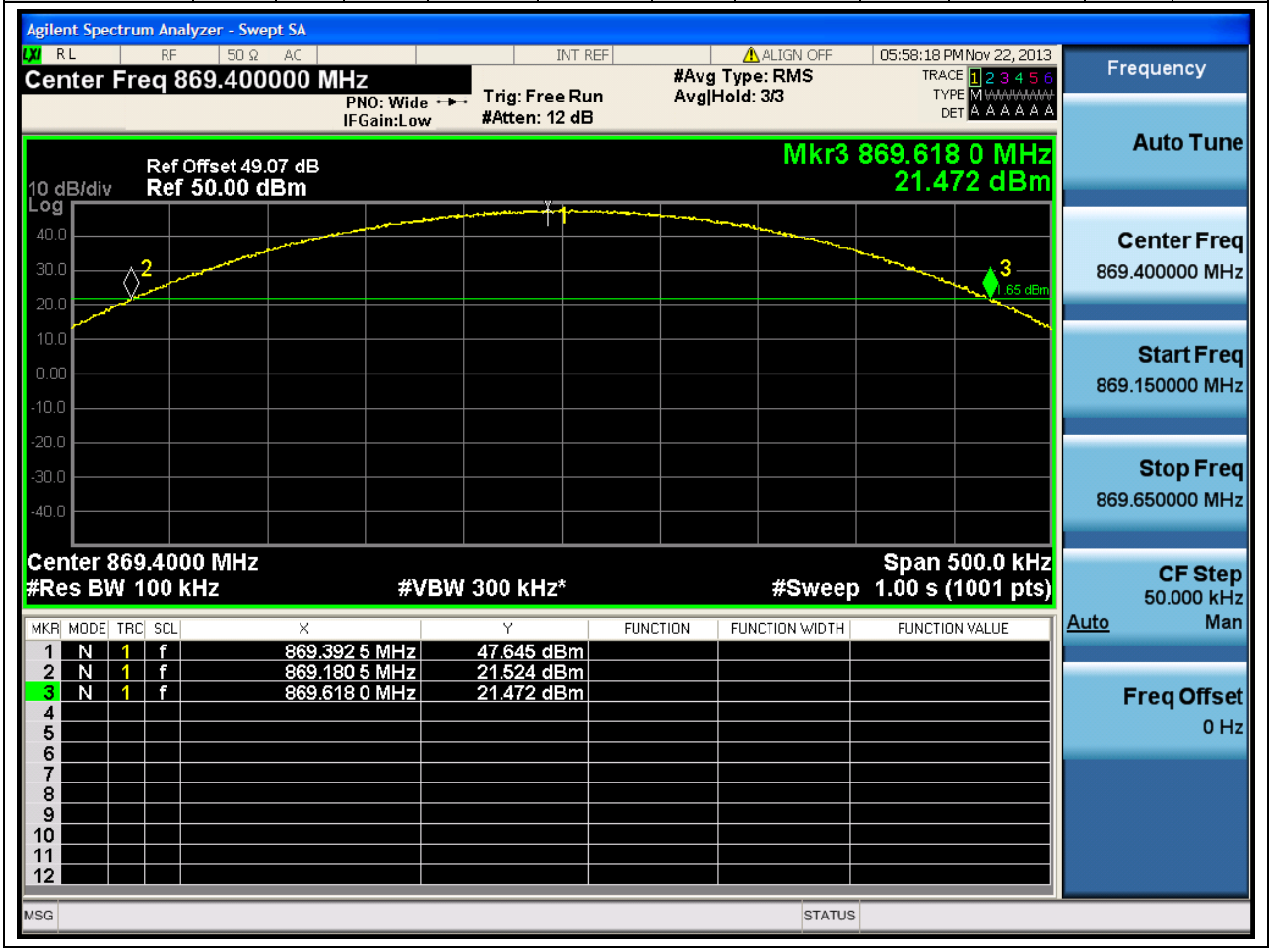
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



2.2.7 1G_8PSK_B

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
869.4	0.5	26	0.1	RMS	0.437504	---	869.18048	869	869.617984	894	---

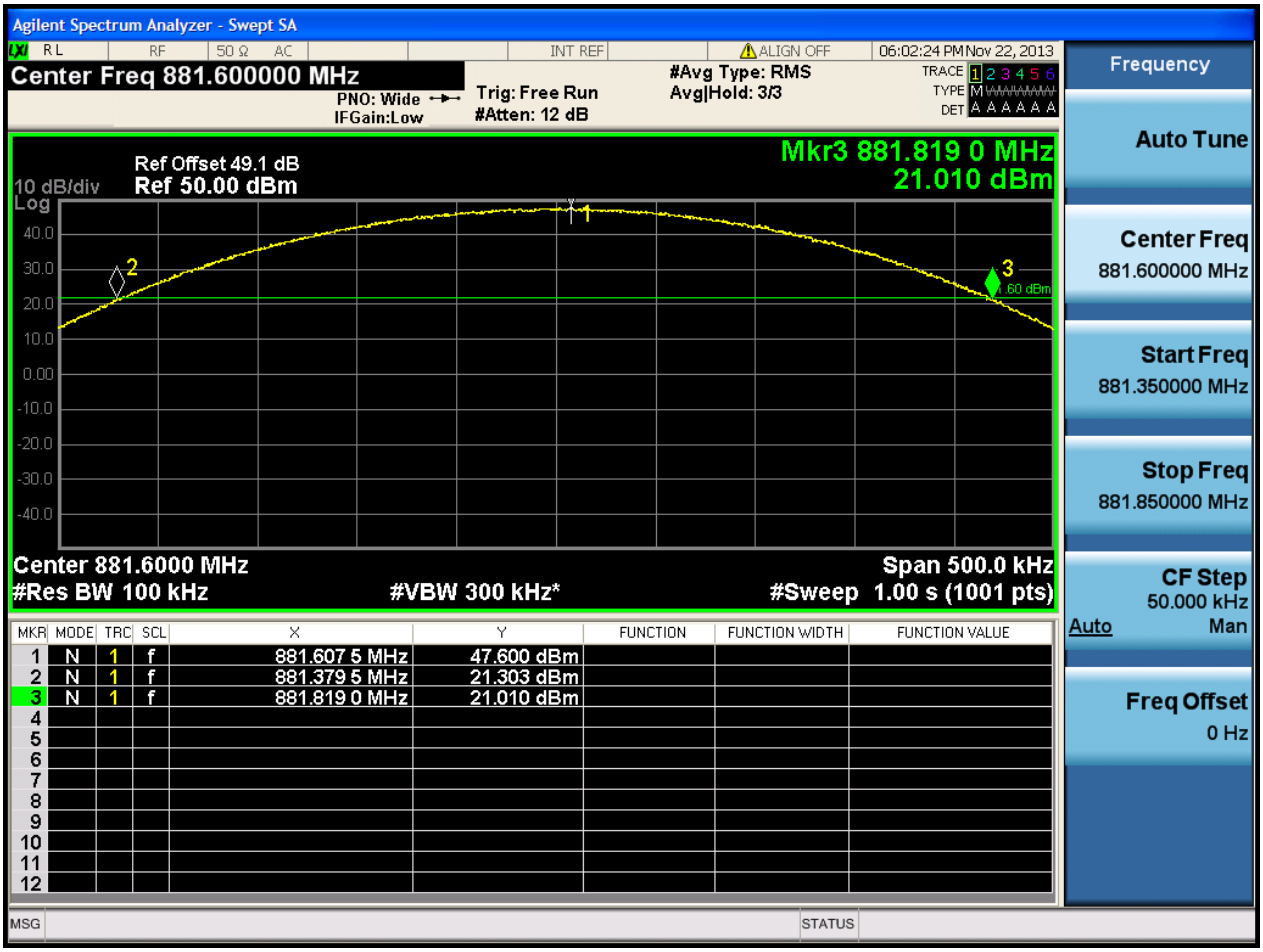
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



2.2.8 1G_8PSK_M

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
881.6	0.5	26	0.1	RMS	0.439488	---	881.37952	869	881.819008	894	---

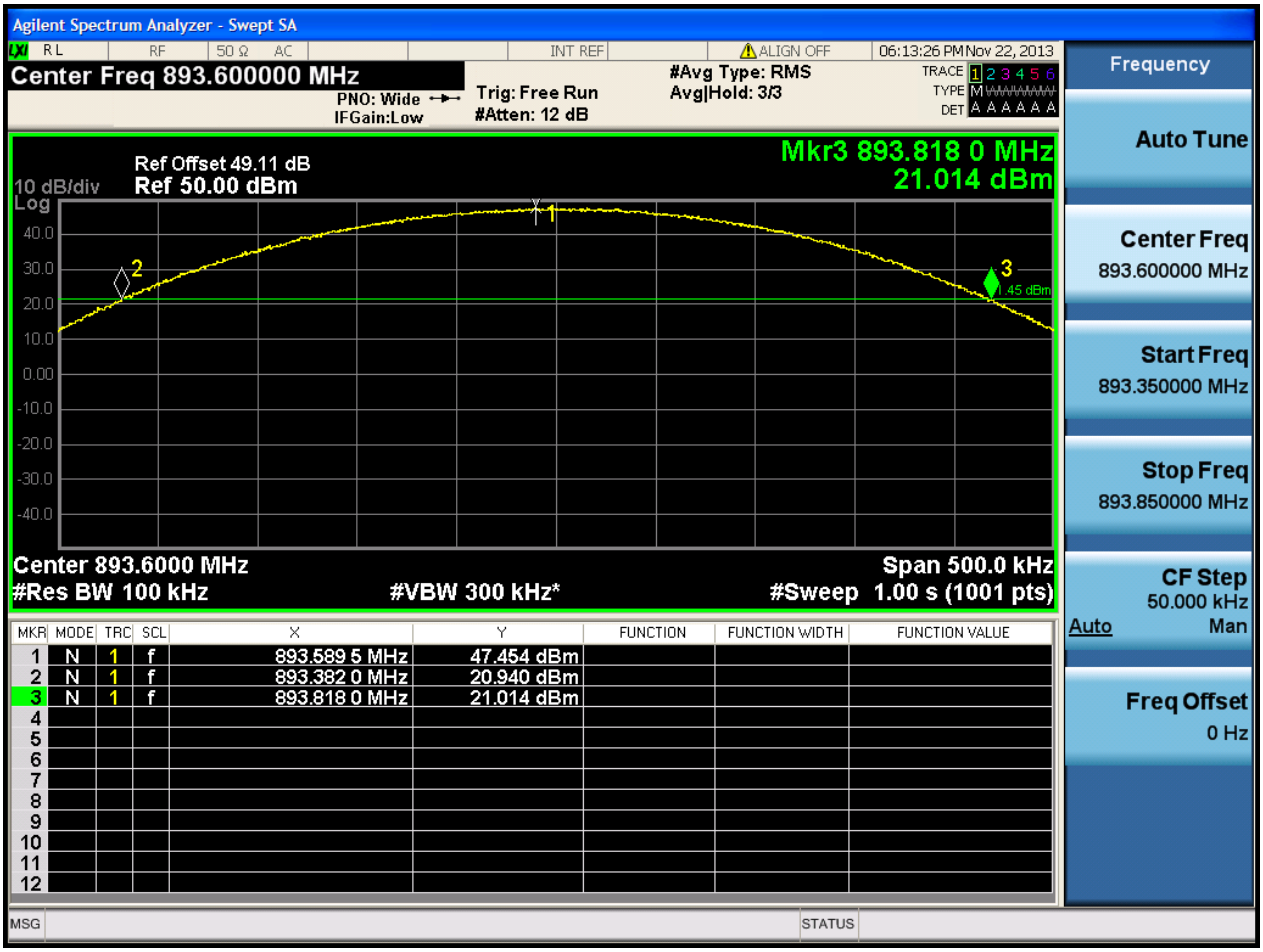
Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict



2.2.9 1G_8PSK_T

Center Frequency[MHz]	Span [MHz]	ndB [dB]	RBW [MHz]	Detector	ndB BW [MHz]	BW Limit [MHz]	Lower Freq [MHz]	Lower Limit [MHz]	Upper Freq [MHz]	Upper Limit [MHz]	Verdict
893.6	0.5	26	0.1	RMS	0.435968	---	893.382016	869	893.817984	894	---

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



Appendix C1: Band Edges Compliance

1 Result Table

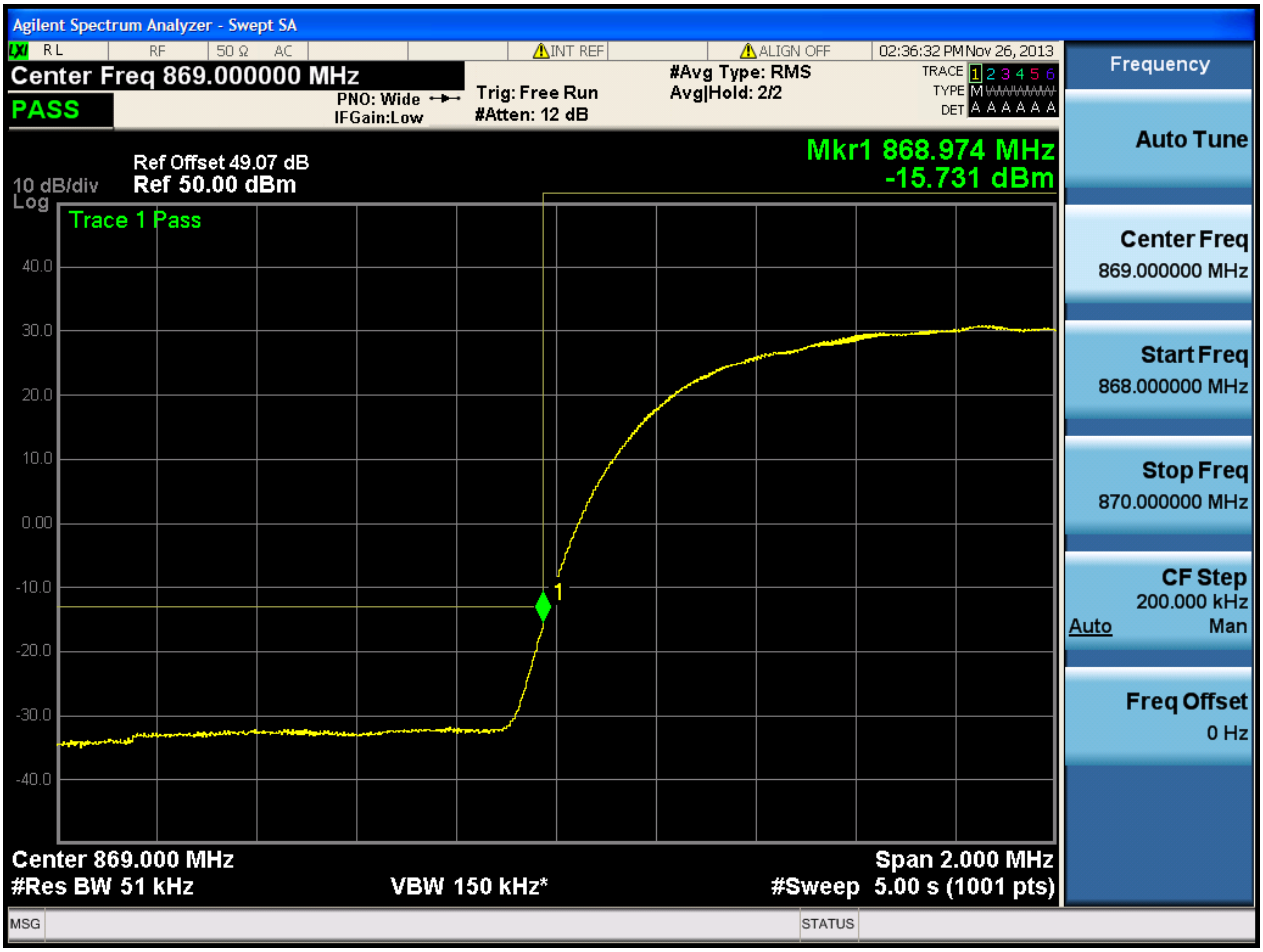
NOTE: The offset of measurement filter -3dB point may be considered when identifying the maximum emission for e.g. the CDMA, WCDMA, WiMAX, LTE systems.

EUT Conf.	Maximum Emission [dBm]	Verdict
1U_B	<-13	Pass
1U_T	<-13	Pass
1G_GMSK_B	<-13	Pass
1G_GMSK_T	<-13	Pass
1G_8PSK_B	<-13	Pass
1G_8PSK_T	<-13	Pass
1G1U_M	<-13	Pass
3G1U_M	<-13	Pass

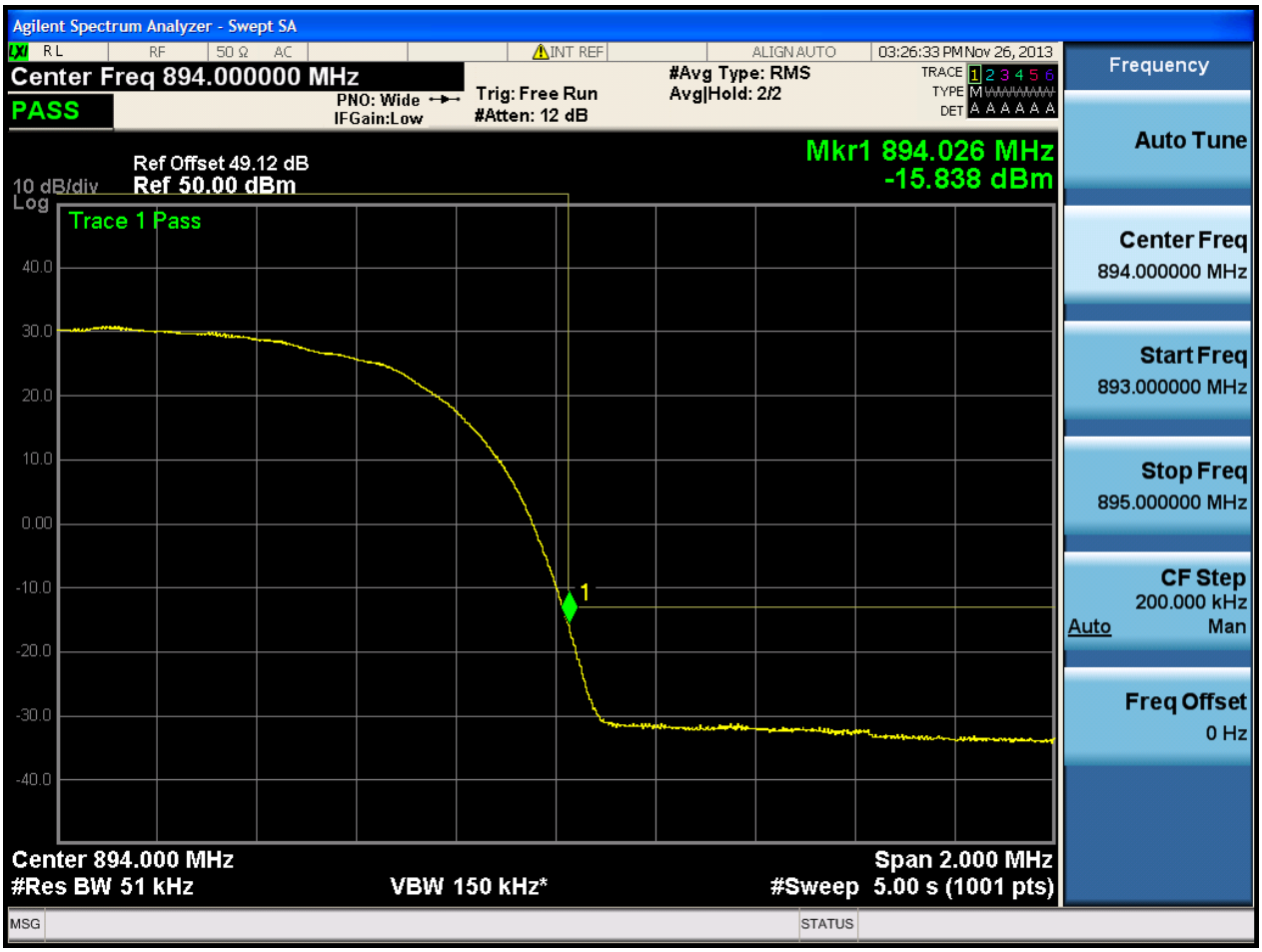
2 Test Plot

2.1 1U_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
869	2	0.051	RMS	Pass	1001



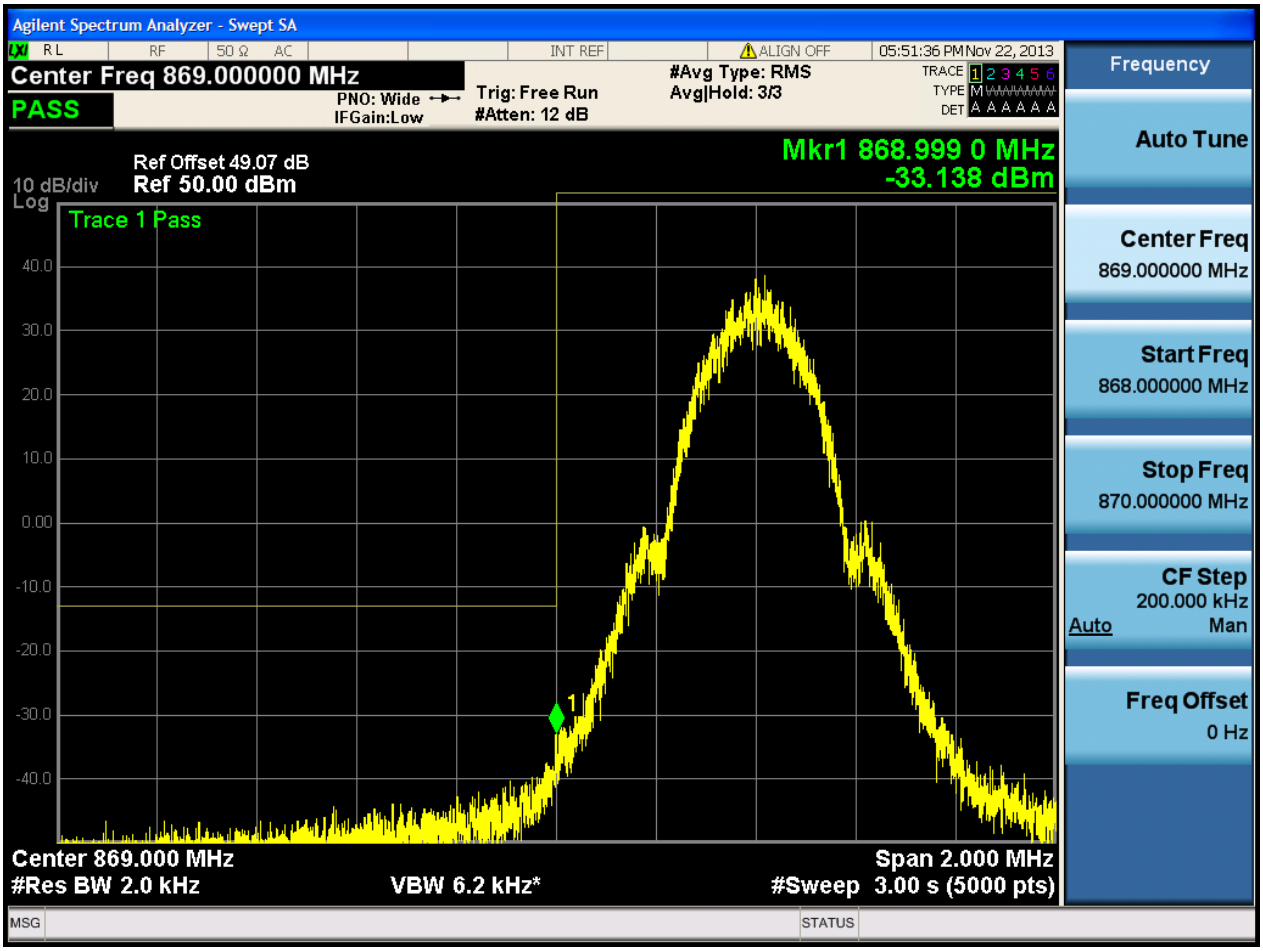
2.2 1U_T



2.3 1G_GMSK_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
869	2	0.002	RMS	Pass	5000

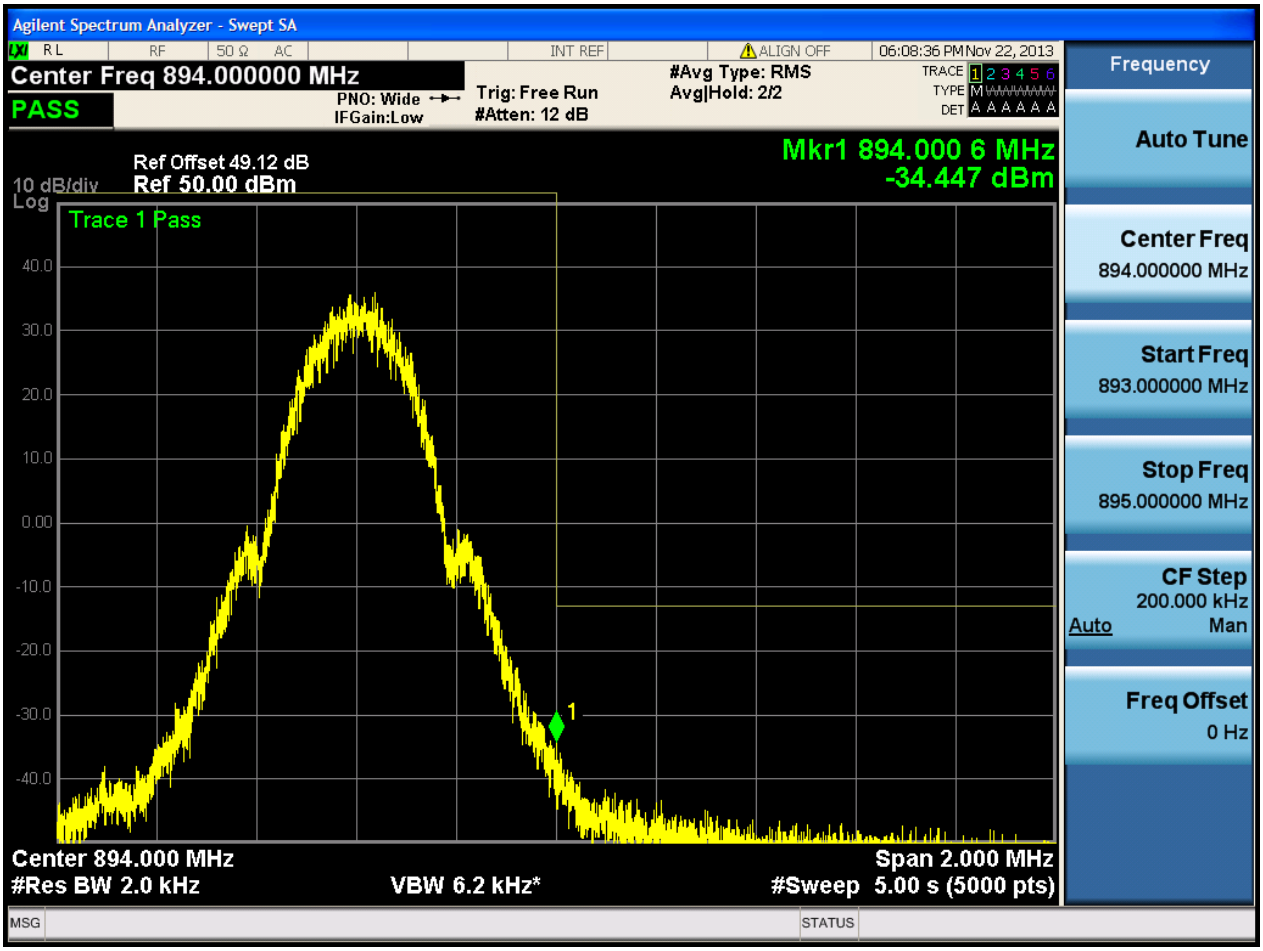
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.4 1G_GMSK_T

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
894	2	0.002	RMS	Pass	5000

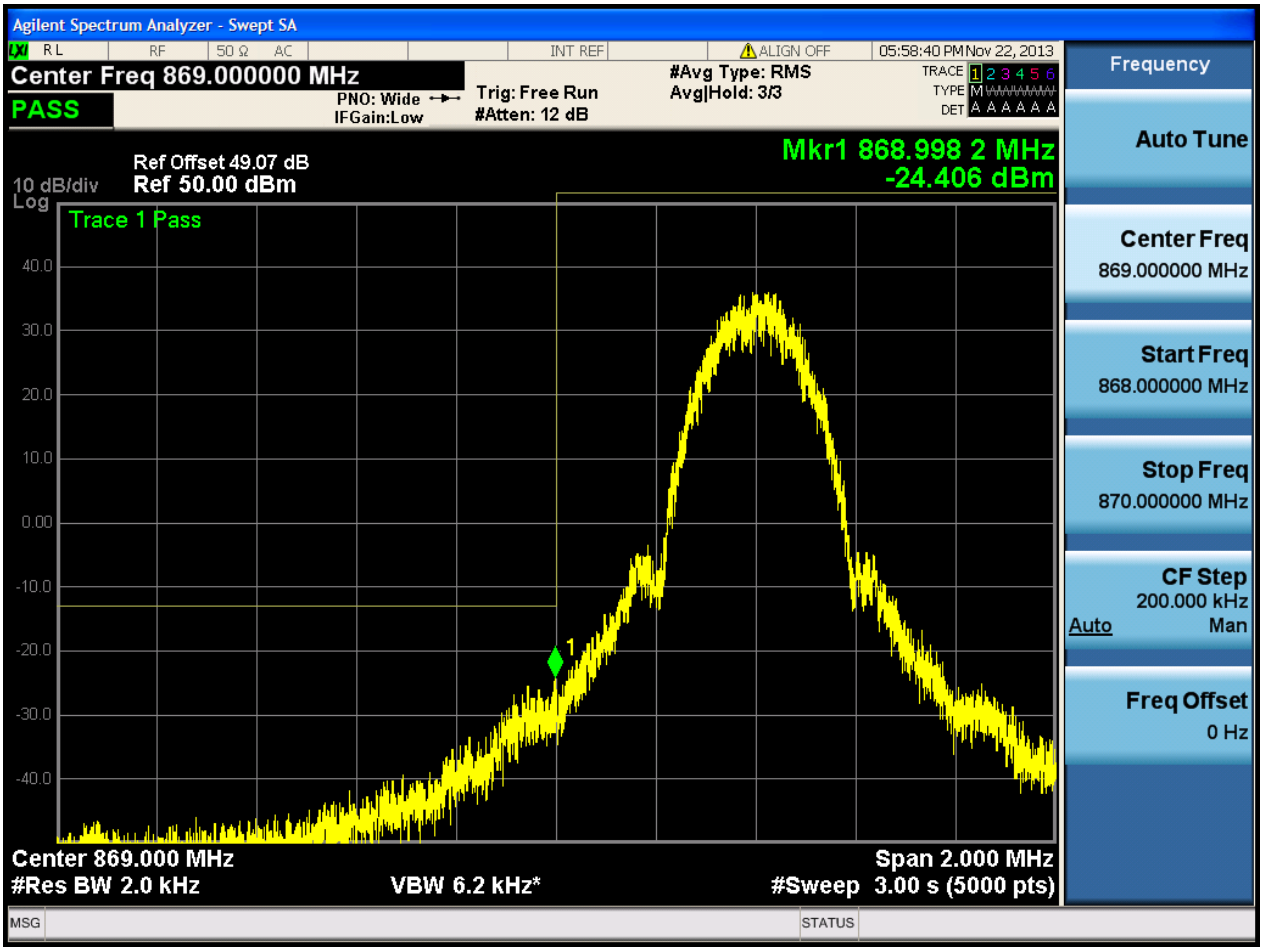
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.5 1G_8PSK_B

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
869	2	0.002	RMS	Pass	5000

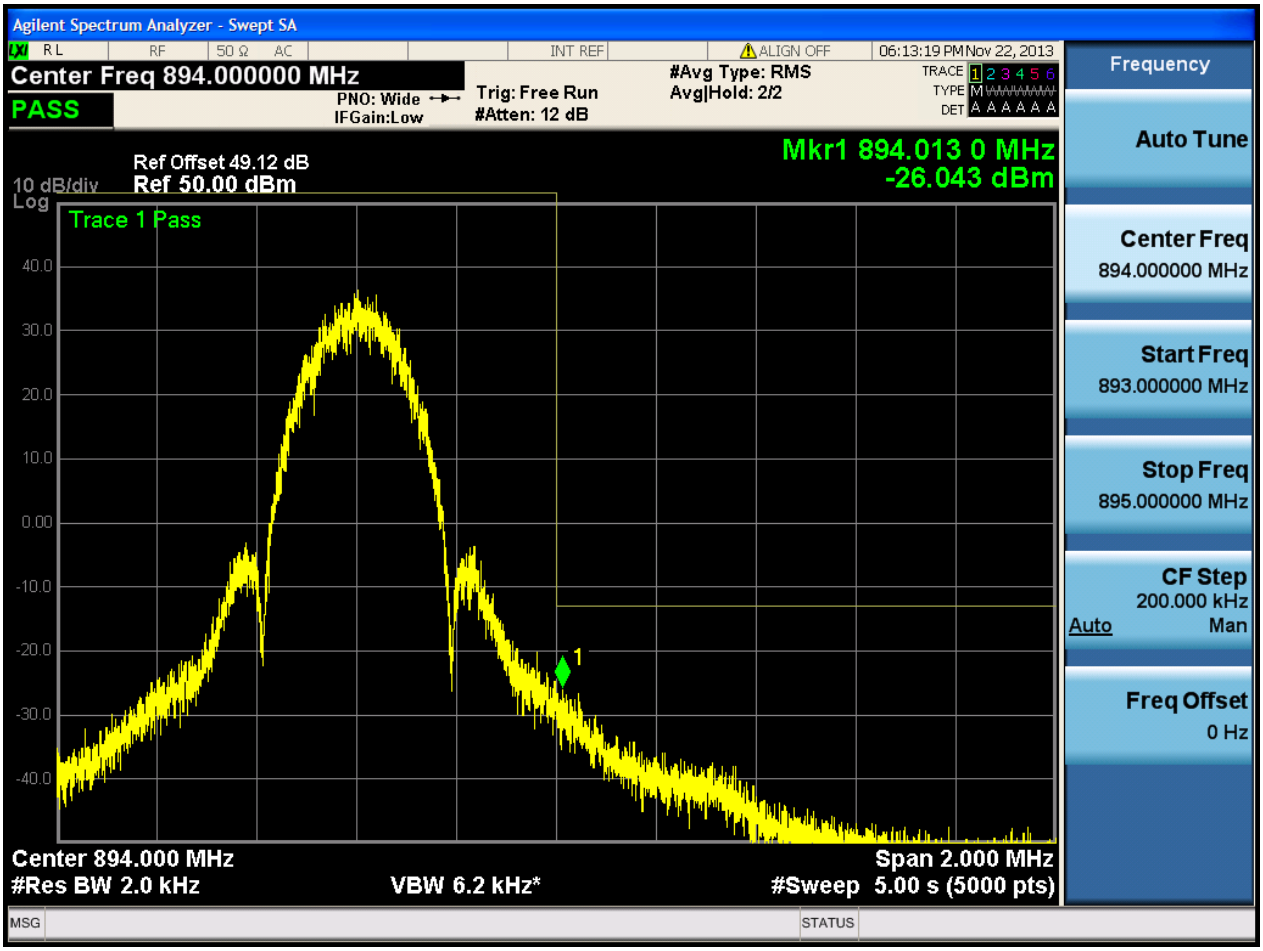
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point



2.6 1G_8PSK_T

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
894	2	0.002	RMS	Pass	5000

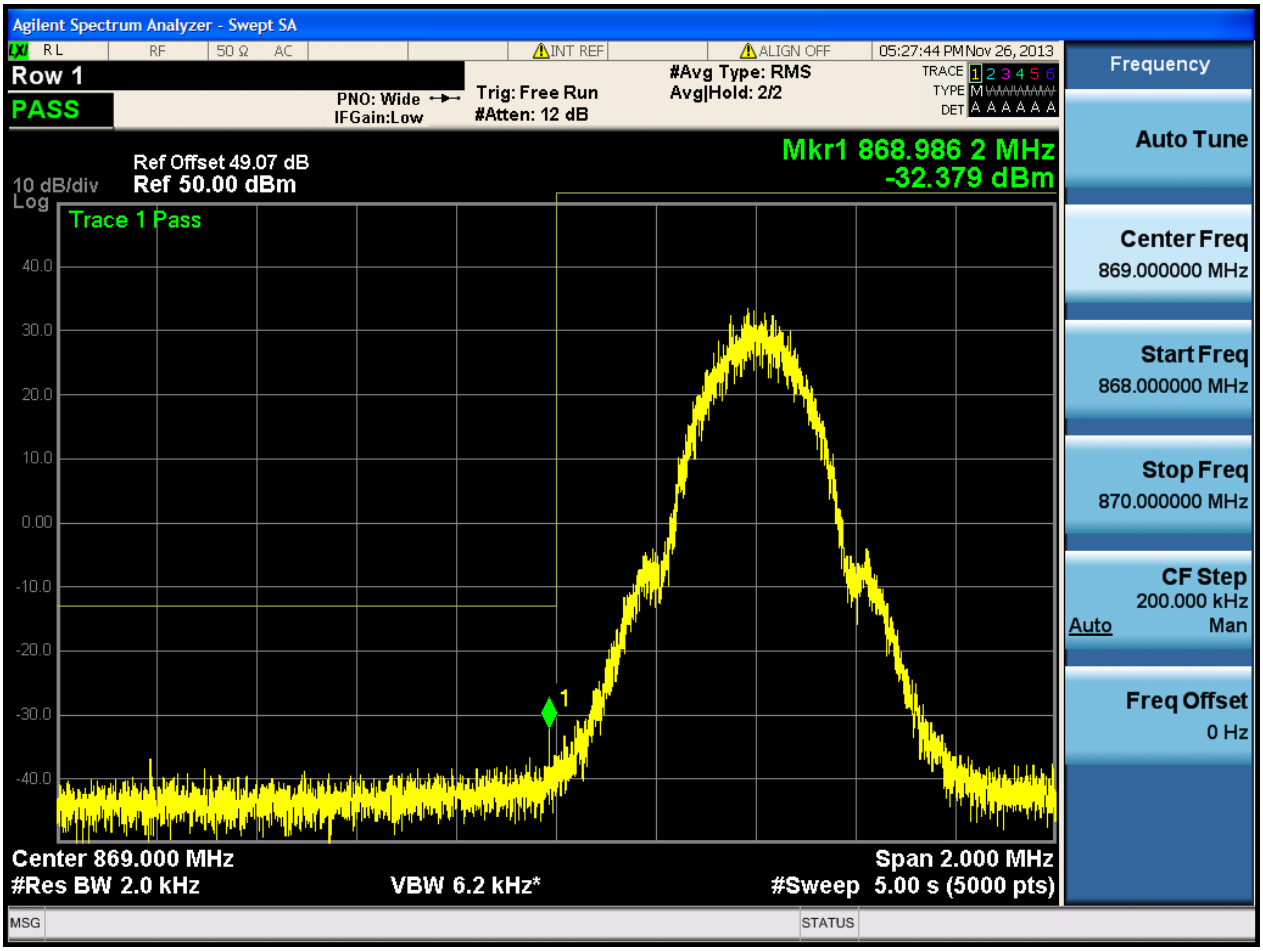
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point

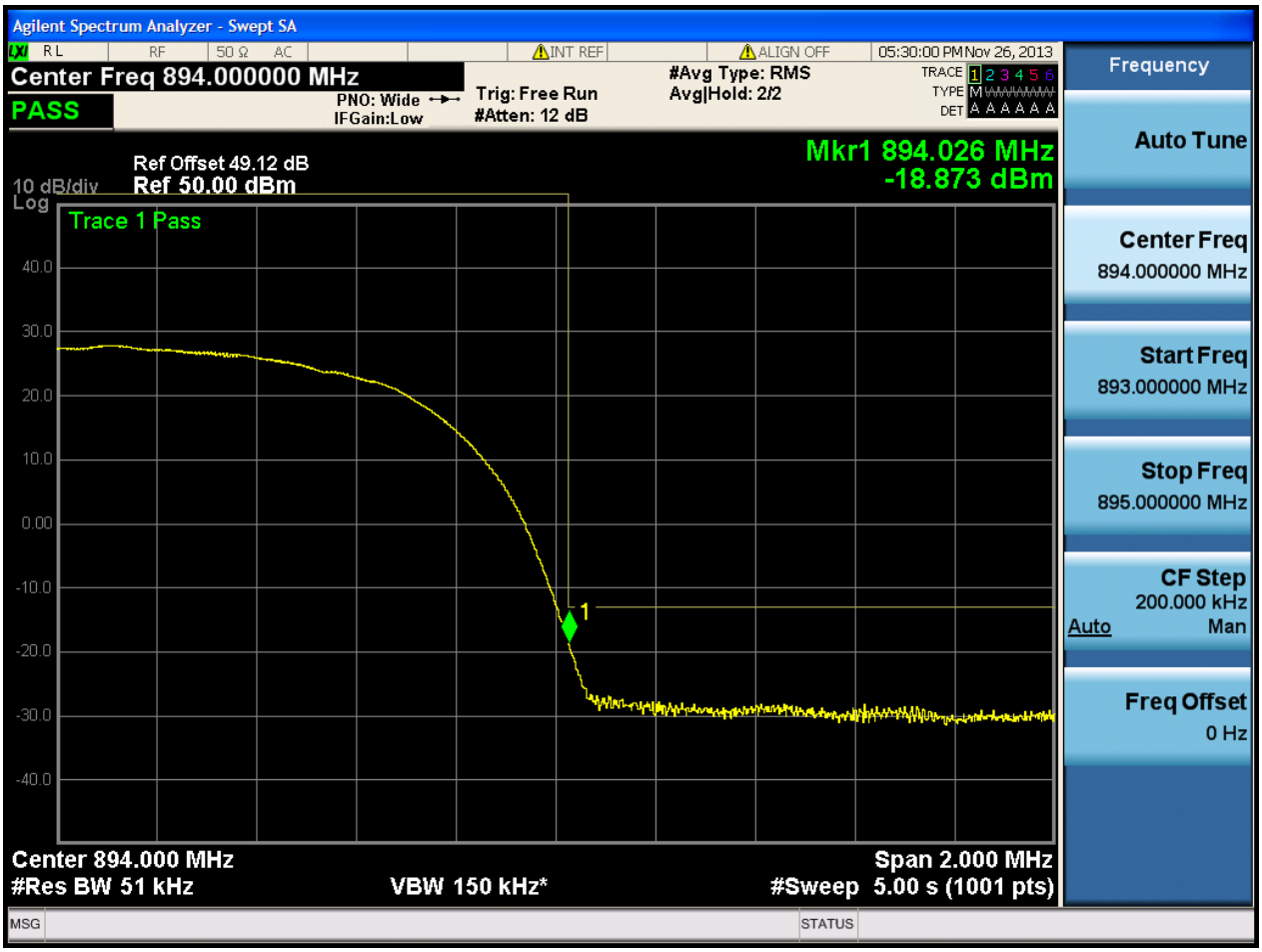


2.7 1G1U_M

Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
869	2	0.002	RMS	Pass	5000

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

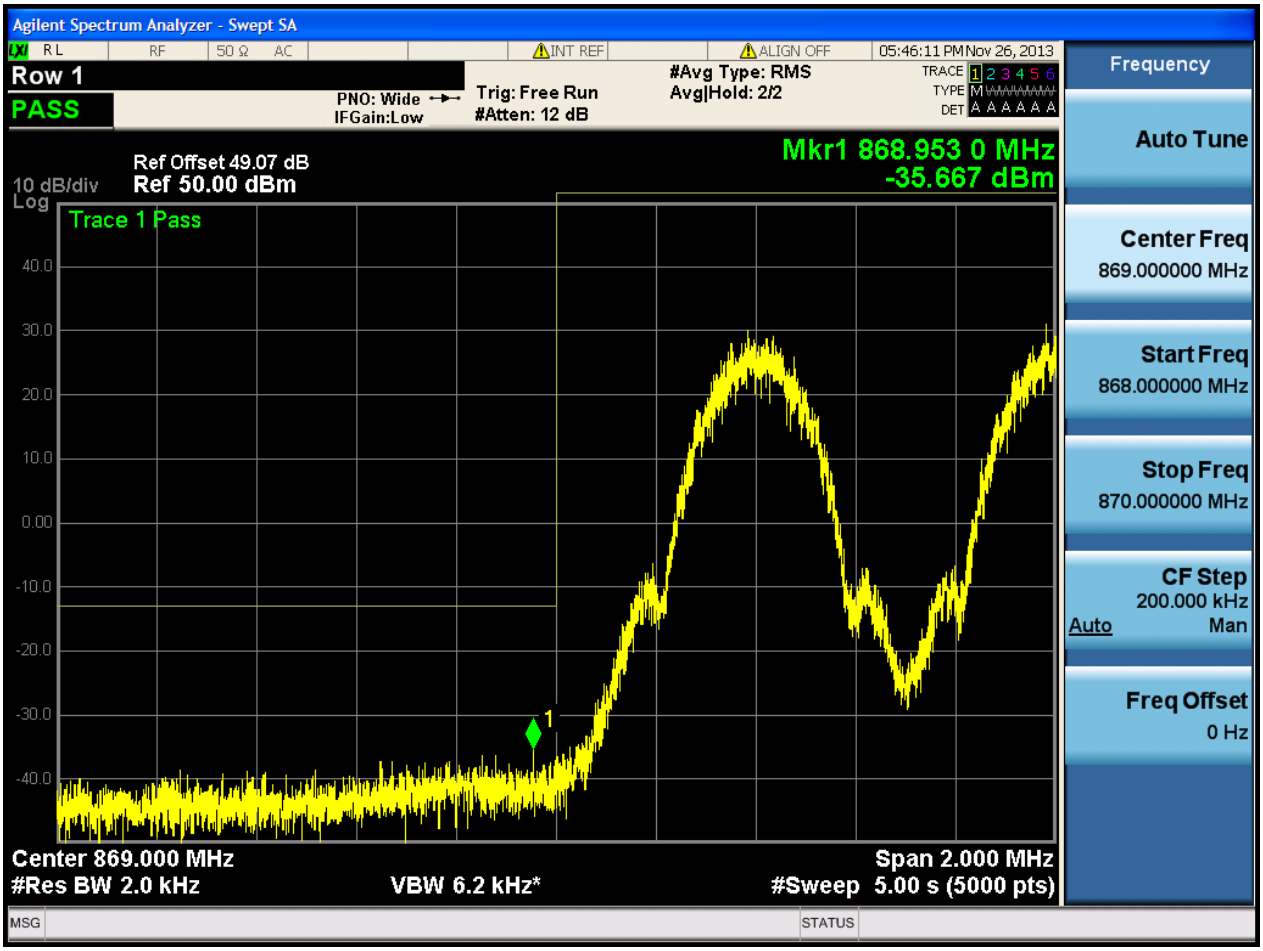




2.8 3G1U_M

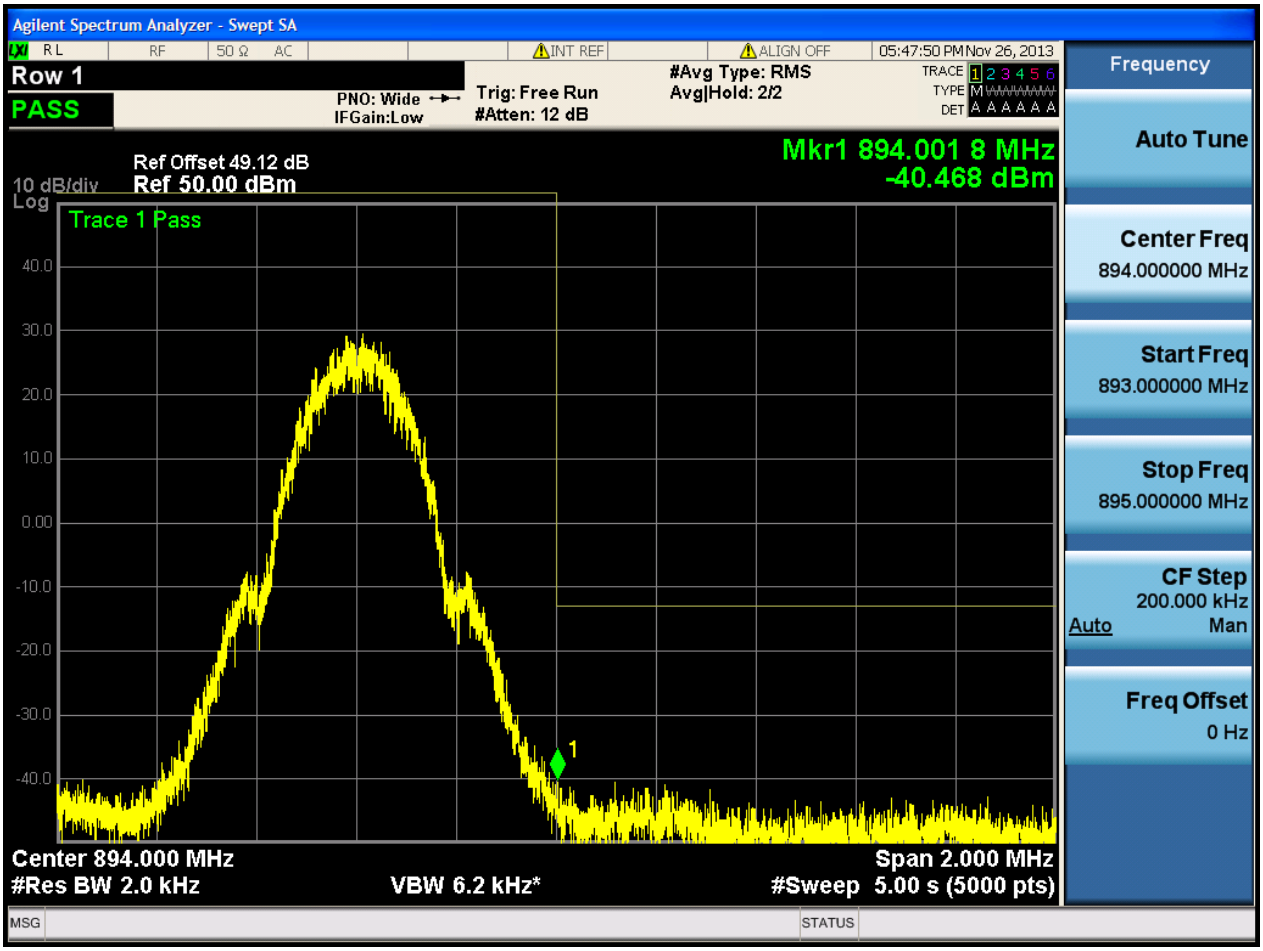
Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
869	2	0.002	RMS	Pass	5000

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



Center Frequency[MHz]	Span [MHz]	RBW [MHz]	Detector	Verdict	Sweep Point
894	2	0.002	RMS	Pass	5000

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



Appendix D1: Spurious Emission at Antenna Terminals

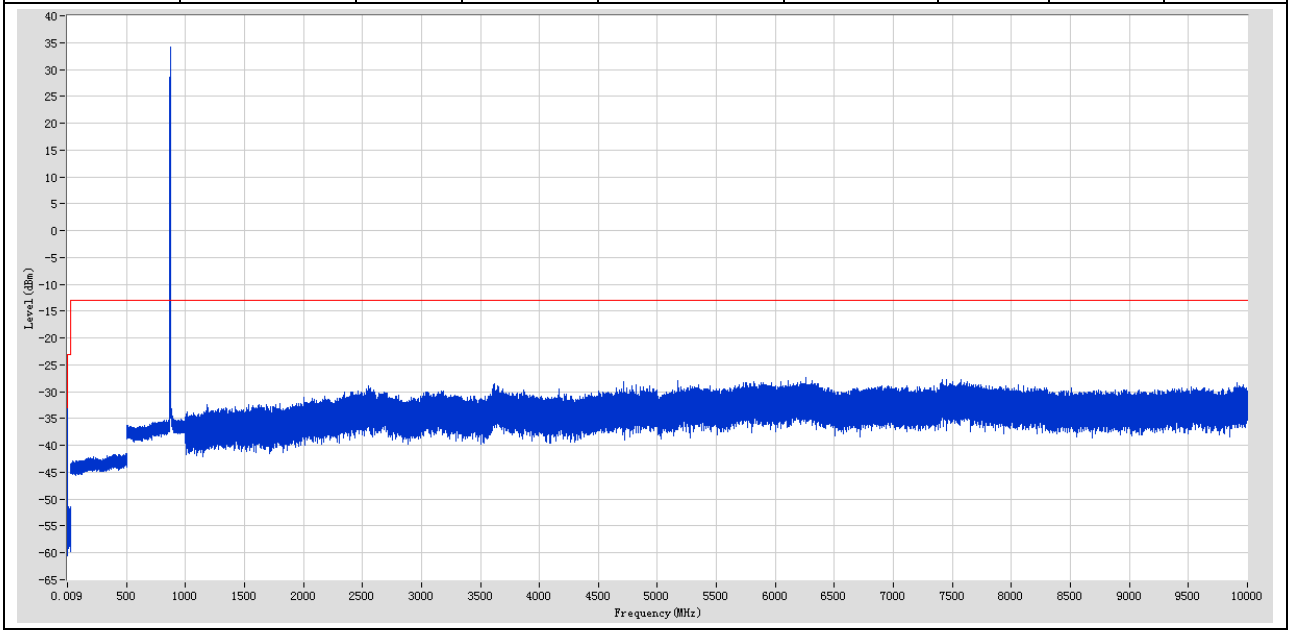
1 Result Table

EUT Conf.	Maximum Emission [dBm]	Verdict
1U_B	<-13	Pass
1U_M	<-13	Pass
1U_T	<-13	Pass
1G_GMSK_B	<-13	Pass
1G_GMSK_M	<-13	Pass
1G_GMSK_T	<-13	Pass
1G1U_M	<-13	Pass
3G1U_M	<-13	Pass

2 Test Plot

2.1 1U_B

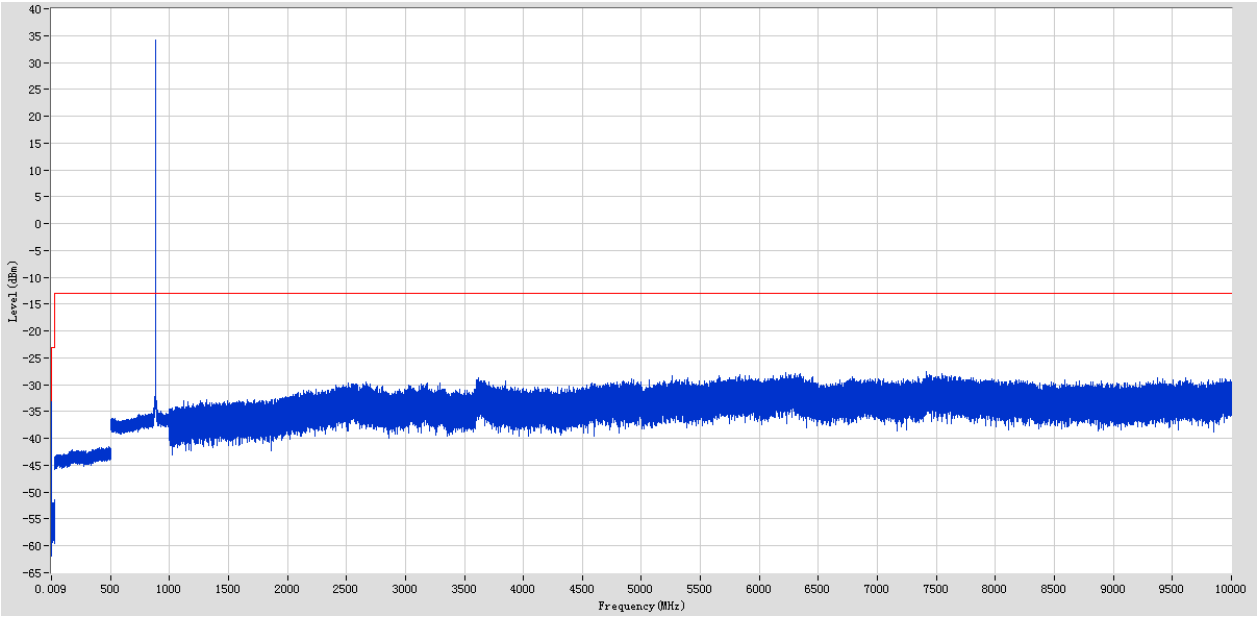
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	11.256 k	-39.77	-33	Pass	1001
0.15	30	0.01	RMS	150 k	-33.11	-23	Pass	14925
30	500	0.1	RMS	496.919869 M	-41.44	-13	Pass	23500
500	1000	0.1	RMS	869.874795 M	34.21	-13	Fail	25000
1000	10000	0.1	RMS	6258.951471 M	-27.4	-13	Pass	450000



2.2 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	9.141 k	-37.32	-33	Pass	1001
0.15	30	0.01	RMS	162.001 k	-32.67	-23	Pass	14925
30	500	0.1	RMS	484.839355 M	-41.56	-13	Pass	23500
500	1000	0.1	RMS	882.735309 M	34.14	-13	Fail	25000
1000	10000	0.1	RMS	7412.220301 M	-27.62	-13	Pass	450000

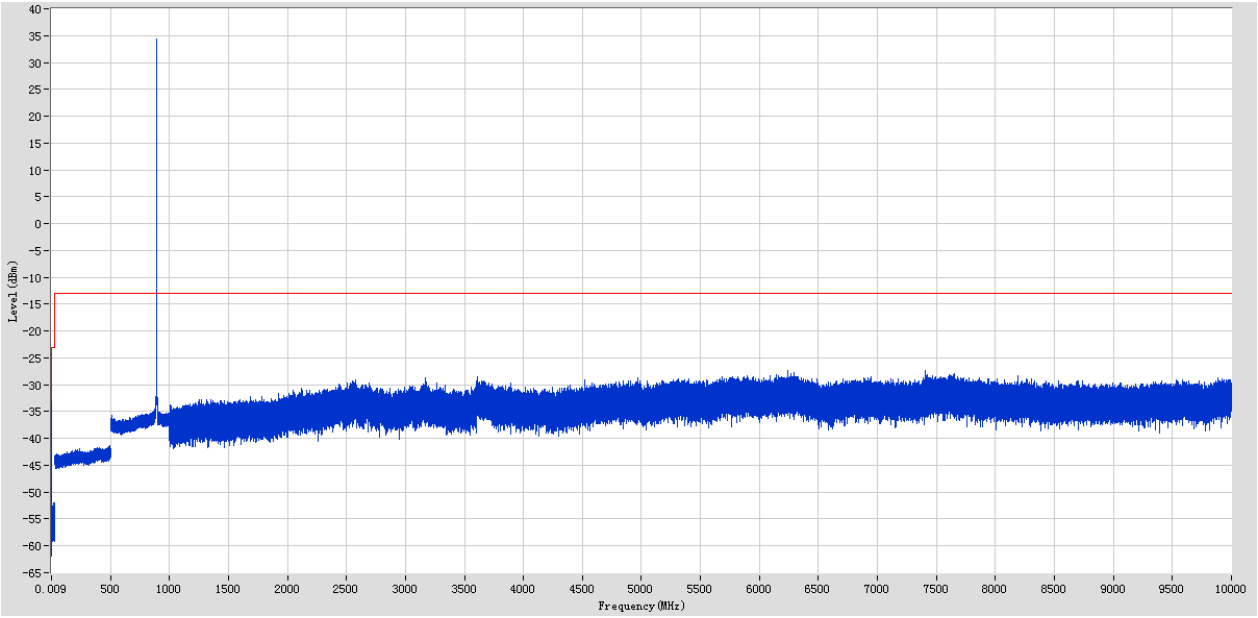
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.3 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	12.948 k	-38.81	-33	Pass	1001
0.15	30	0.01	RMS	154 k	-31.89	-23	Pass	14925
30	500	0.1	RMS	495.659815 M	-41.26	-13	Pass	23500
500	1000	0.1	RMS	890.095604 M	34.4	-13	Fail	25000
1000	10000	0.1	RMS	7400.780015 M	-27.28	-13	Pass	450000

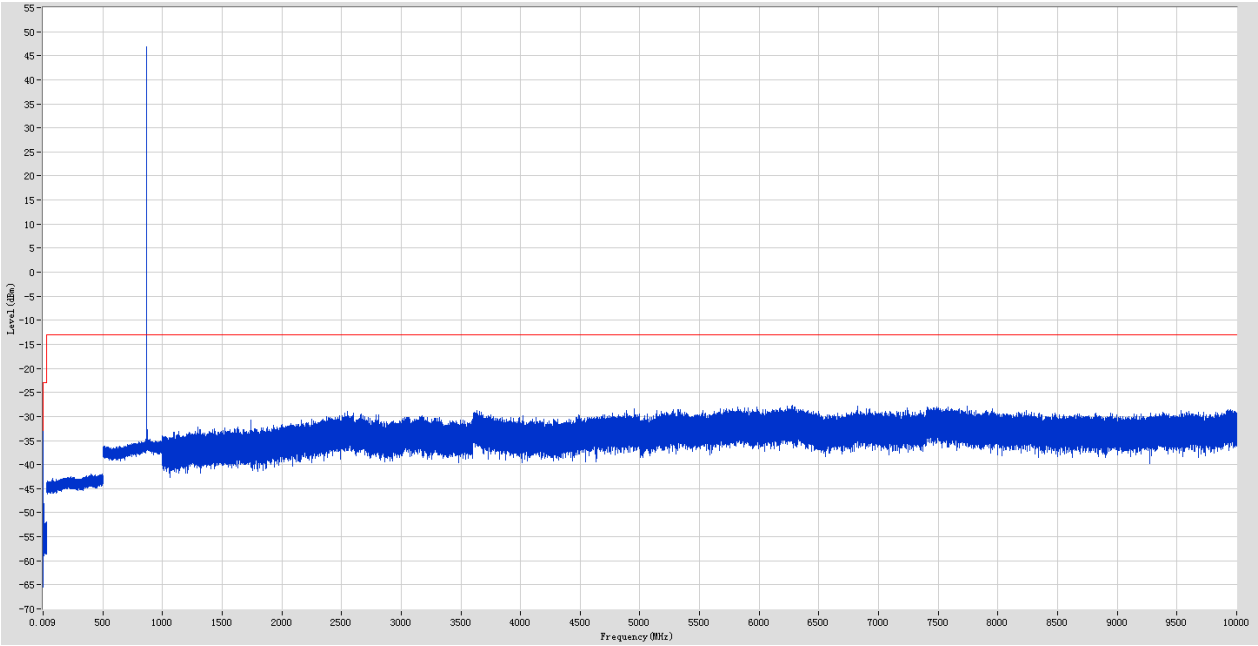
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.4 1G_GMSK_B

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	9.141 k	-37.57	-33	Pass	1001
0.15	30	0.01	RMS	154 k	-30.98	-23	Pass	14925
30	500	0.1	RMS	402.095834 M	-41.89	-13	Pass	23500
500	1000	0.1	RMS	869.414777 M	46.93	-13	Fail	25000
1000	10000	0.1	RMS	6277.35193 M	-27.65	-13	Pass	450000

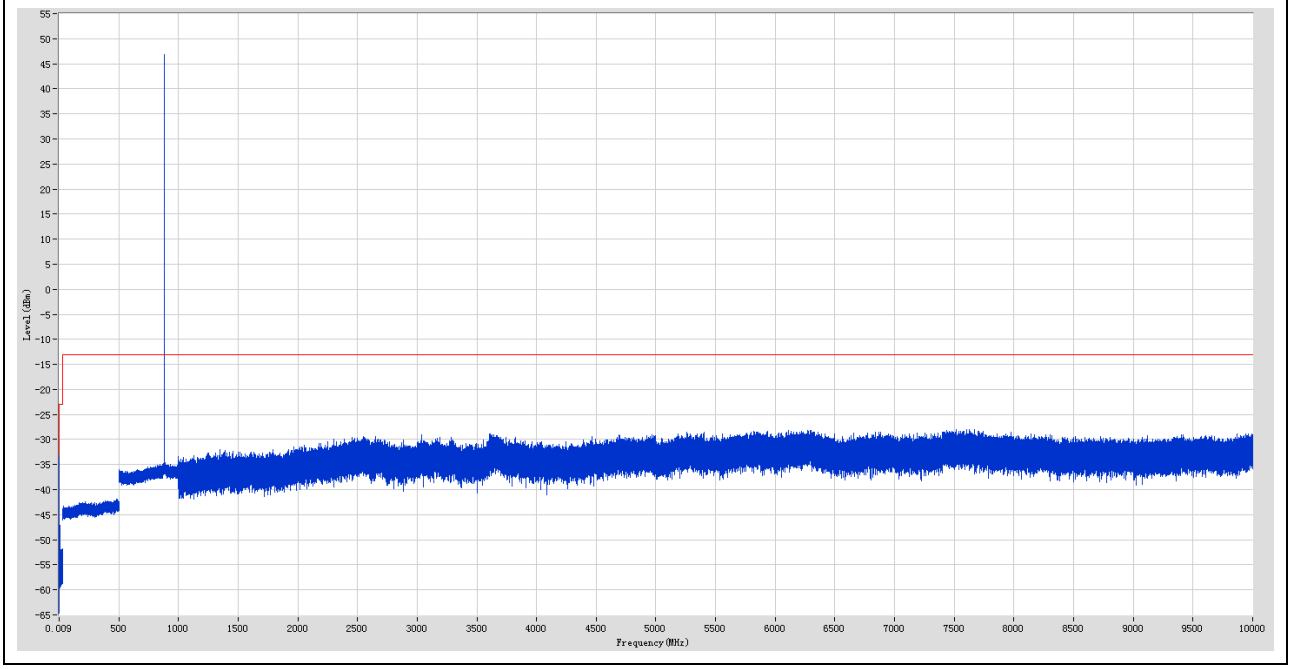
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.5 1G_GMSK_M

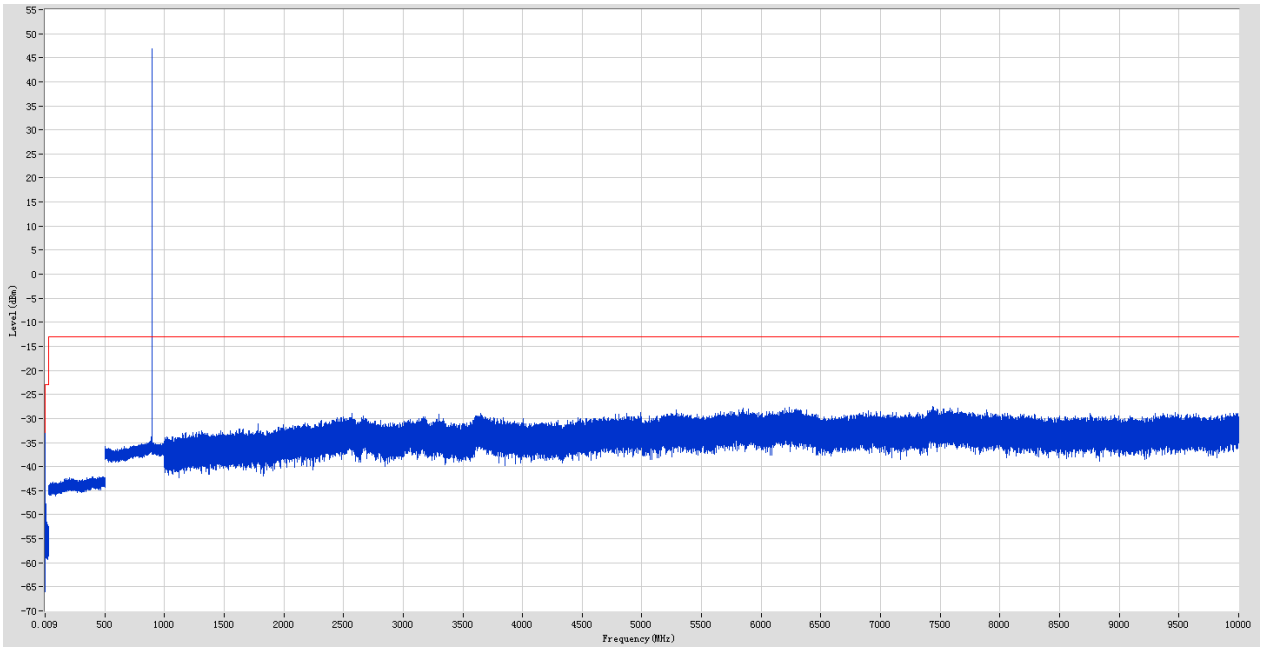
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	9.141 k	-37.8	-33	Pass	1001
0.15	30	0.01	RMS	152 k	-31.66	-23	Pass	14925
30	500	0.1	RMS	491.179625 M	-41.88	-13	Pass	23500
500	1000	0.1	RMS	881.595264 M	46.91	-13	Fail	25000
1000	10000	0.1	RMS	7669.506734 M	-27.96	-13	Pass	450000

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



2.6 1G_GMSK_T

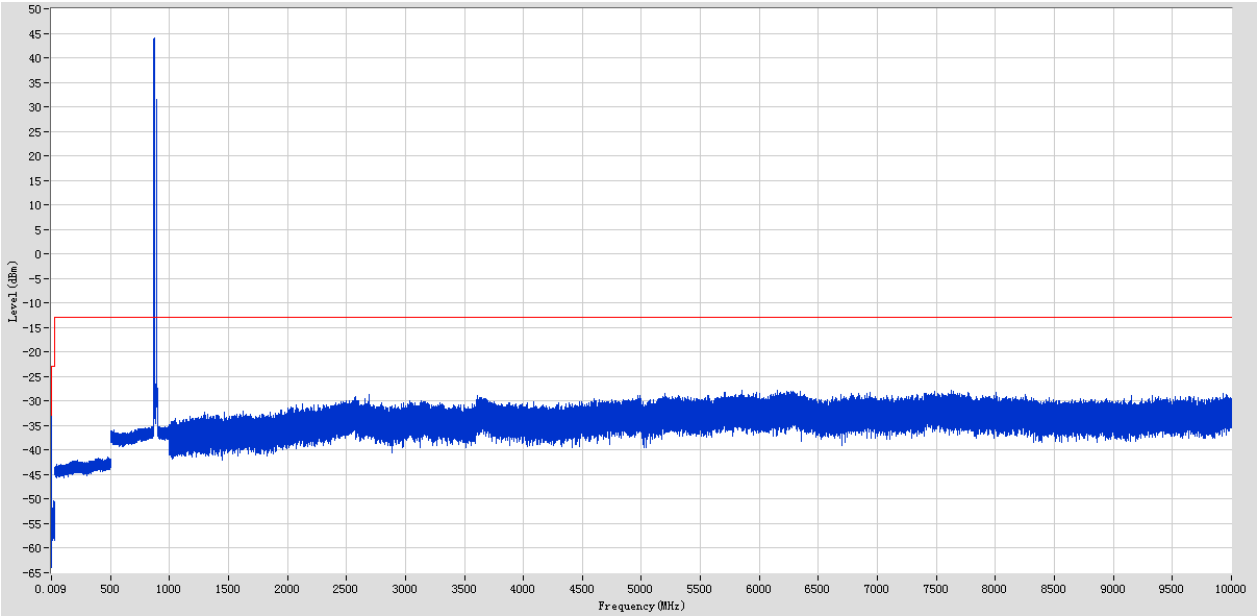
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
0.009	0.15	0.001	RMS	9 k	-39.21	-33	Pass	1001
0.15	30	0.01	RMS	158.001 k	-32.33	-23	Pass	14925
30	500	0.1	RMS	397.035619 M	-42.07	-13	Pass	23500
500	1000	0.1	RMS	893.615745 M	46.87	-13	Fail	25000
1000	10000	0.1	RMS	7436.720914 M	-27.42	-13	Pass	450000

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

2.7 1G1U_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	9.141 k	-39.08	-33	Pass	1001
0.15	30	0.01	RMS	152 k	-32.54	-23	Pass	14925
30	500	0.1	RMS	478.039065 M	-41.3	-13	Pass	23500
500	1000	0.1	RMS	869.394776 M	44.03	-13	Fail	25000
1000	10000	0.1	RMS	7628.865717 M	-27.74	-13	Pass	450000

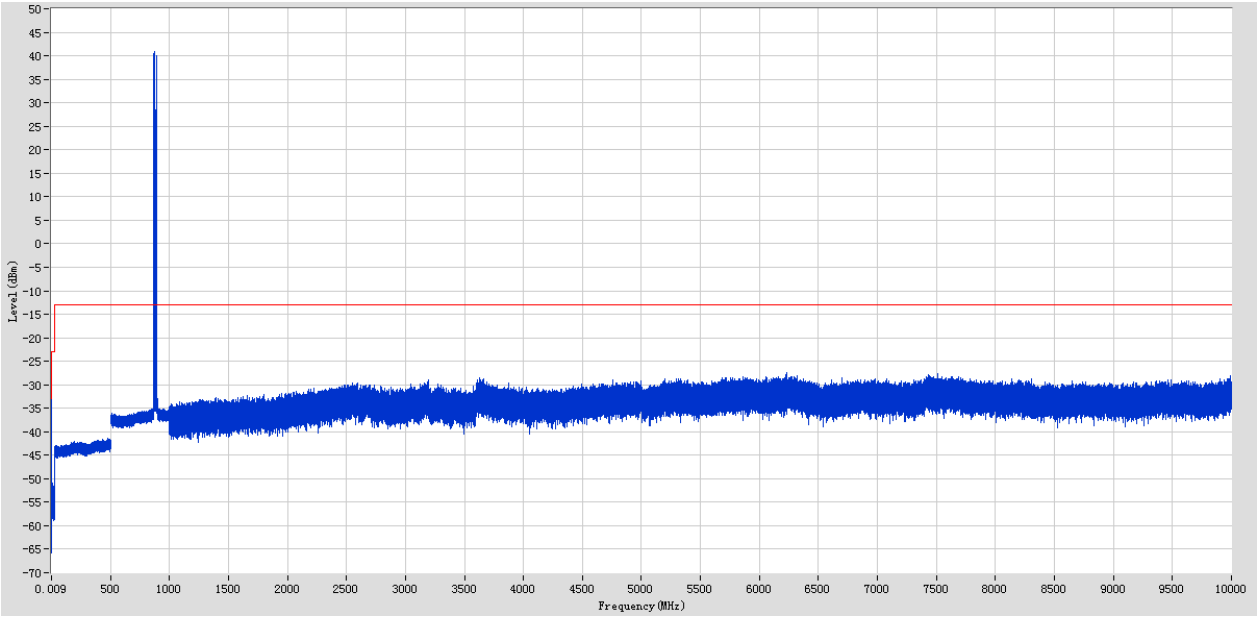
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



2.8 3G1U_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 k	-38.62	-33	Pass	1001
0.15	30	0.01	RMS	150 k	-31.48	-23	Pass	14925
30	500	0.1	RMS	474.258905 M	-41.44	-13	Pass	23500
500	1000	0.1	RMS	869.9948 M	40.98	-13	Fail	25000
1000	10000	0.1	RMS	6229.590737 M	-27.51	-13	Pass	450000

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



Appendix E1: Field Strength of Spurious Radiation

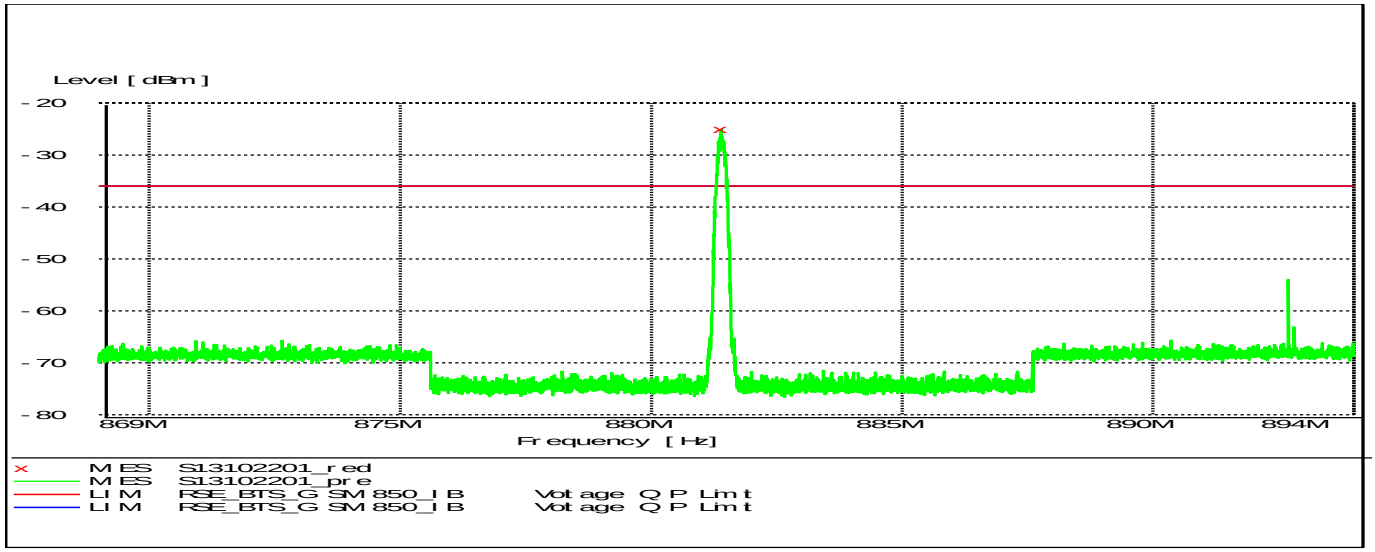
1 Result Table

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

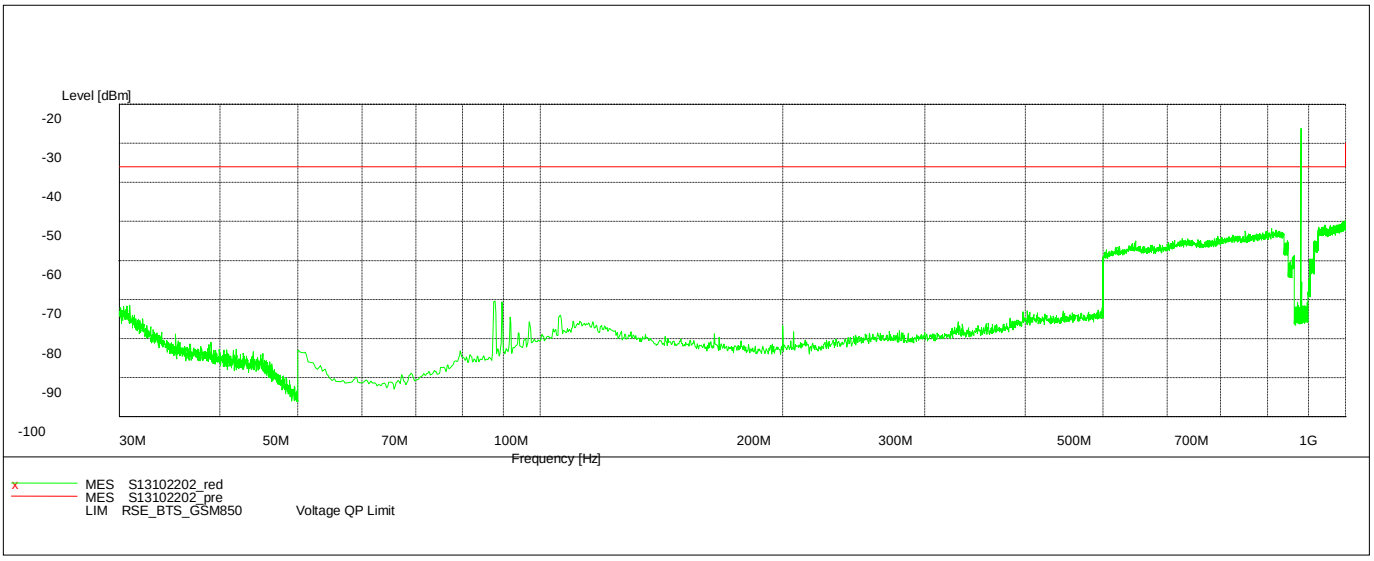
2 Test Plot

2.1 1G_GMSK_M

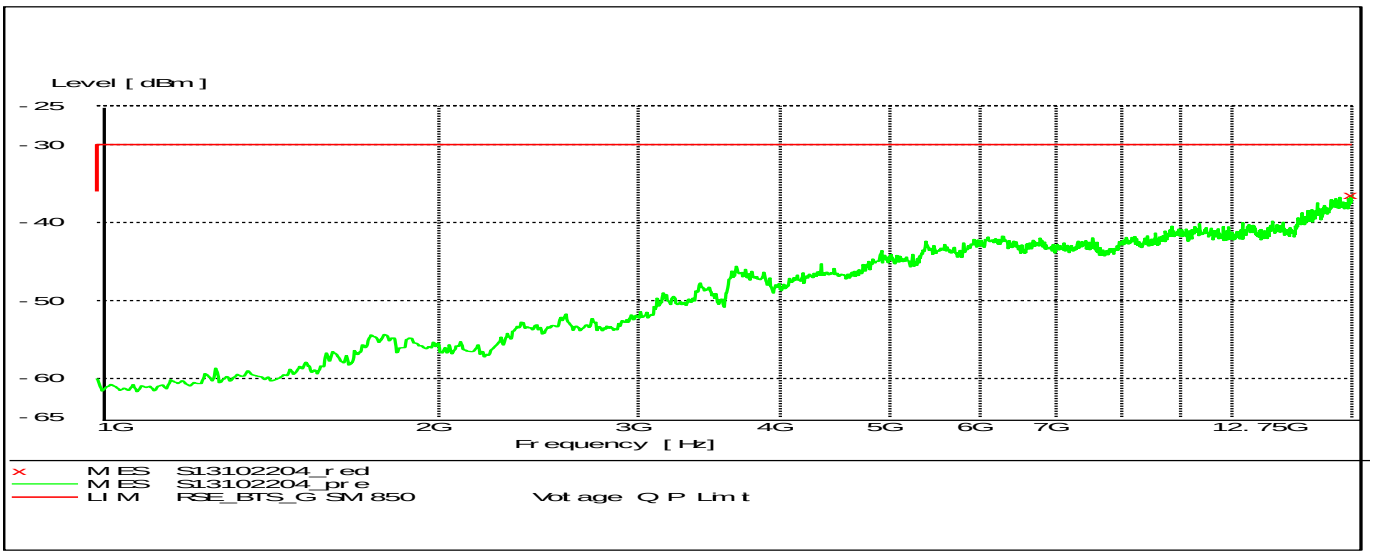
2.1.1 869MHz-894MHz



2.1.2 30MHz-1GHz



2.1.3 1GHz-12.75GHz



Appendix F1: Frequency Stability

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
1U_M	100%	-30 °C	-1.91	-0.0022	-0.0007	Pass
		-20 °C	-0.72087	-0.0008	0.0006	Pass
		-10 °C	1.18	0.0013	0.0028	Pass
		0 °C	-0.33112	-0.0004	0.0011	Pass
		+10 °C	1.37	0.0016	0.0030	Pass
		+20 °C	-1.27	-0.0014	0.0000	Pass
		+30 °C	0.16042	0.0002	0.0016	Pass
		+40 °C	-0.55177	-0.0006	0.0008	Pass
		+50 °C	-1.16	-0.0013	0.0001	Pass

EUT Conf.	Voltage	Temperature	Freq. Error [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Verdict
1G_GMSK_M	100%	-30 °C	3.22	0.0037	-0.0018	Pass
		-20 °C	4.15	0.0047	-0.0008	Pass
		-10 °C	3.11	0.0035	-0.0020	Pass
		0 °C	3.56	0.0040	-0.0015	Pass
		+10 °C	3.78	0.0043	-0.0012	Pass
		+20 °C	4.84	0.0055	0.0000	Pass
		+30 °C	4.22	0.0048	-0.0007	Pass
		+40 °C	3.55	0.0040	-0.0015	Pass
		+50 °C	4.05	0.0046	-0.0009	Pass

(2) Frequency Error vs. Voltage:

EUT Conf.	Temperature	Voltage	Freq. Error [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Verdict
1U_M	+20 °C	85 %	0.14046	0.0002	0.0016	Pass
		100 %	-1.27	-0.0014	0.0000	Pass
		115 %	-0.25994	-0.0003	0.0011	Pass

EUT Conf.	Temperature	Voltage	Freq. Error [Hz]	Freq. vs. rated [ppm]	Freq. vs. 20 °C [ppm]	Verdict
1G_GMSK_M	+20 °C	85 %	4.11	0.0047	-0.0008	Pass
		100 %	4.84	0.0055	0.0000	Pass
		115 %	4.34	0.0049	-0.0006	Pass

1.2 Frequency Range

(Not applicable)

2 Test Plot

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

(Not applicable)

Appendix G1: Receiver Spurious Emissions

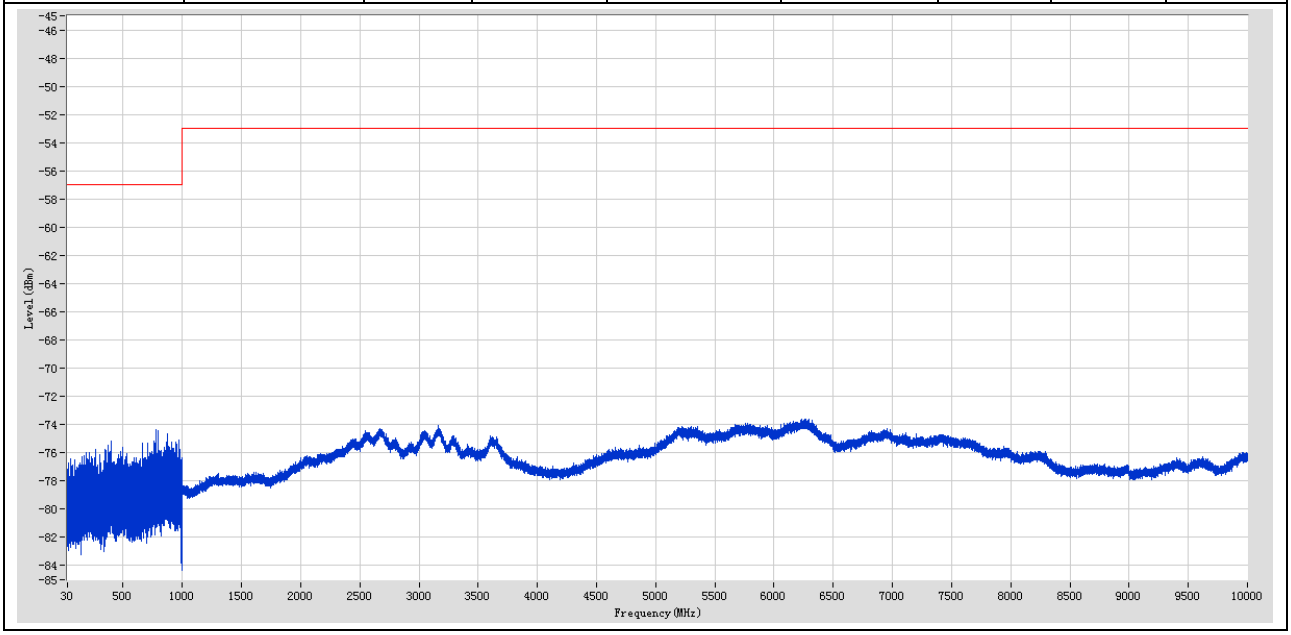
1 Result Table

EUT Conf.	Maximum Emission [dBm]	Verdict
1U_M	< -57	Pass
1G_GMSK_M	< -57	Pass

2 Test Plot

2.1 1U_M

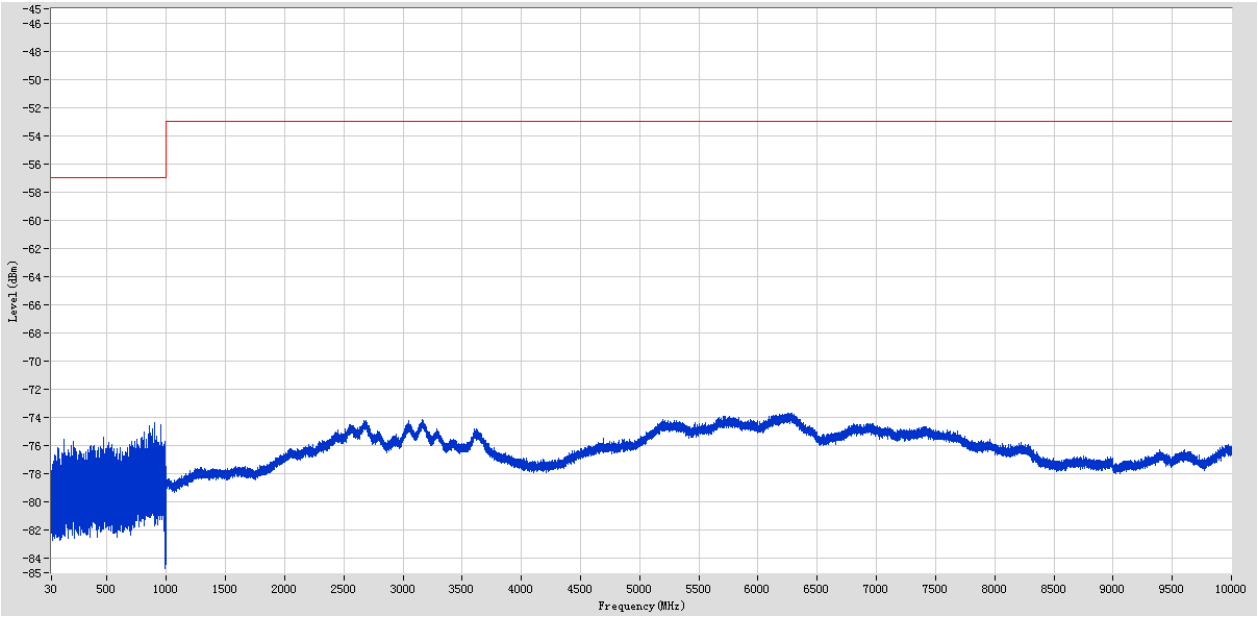
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
30	1000	0.12	Peak	776.346658 M	-74.34	-57	Pass	41002
1000	10000	1	RMS	6230.93077 M	-73.61	-53	Pass	45000



2.2 1G_GMSK_M

Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point
30	1000	0.12	Peak	902.253806 M	-74.37	-57	Pass	41002
1000	10000	1	RMS	6282.732065 M	-73.66	-53	Pass	45000

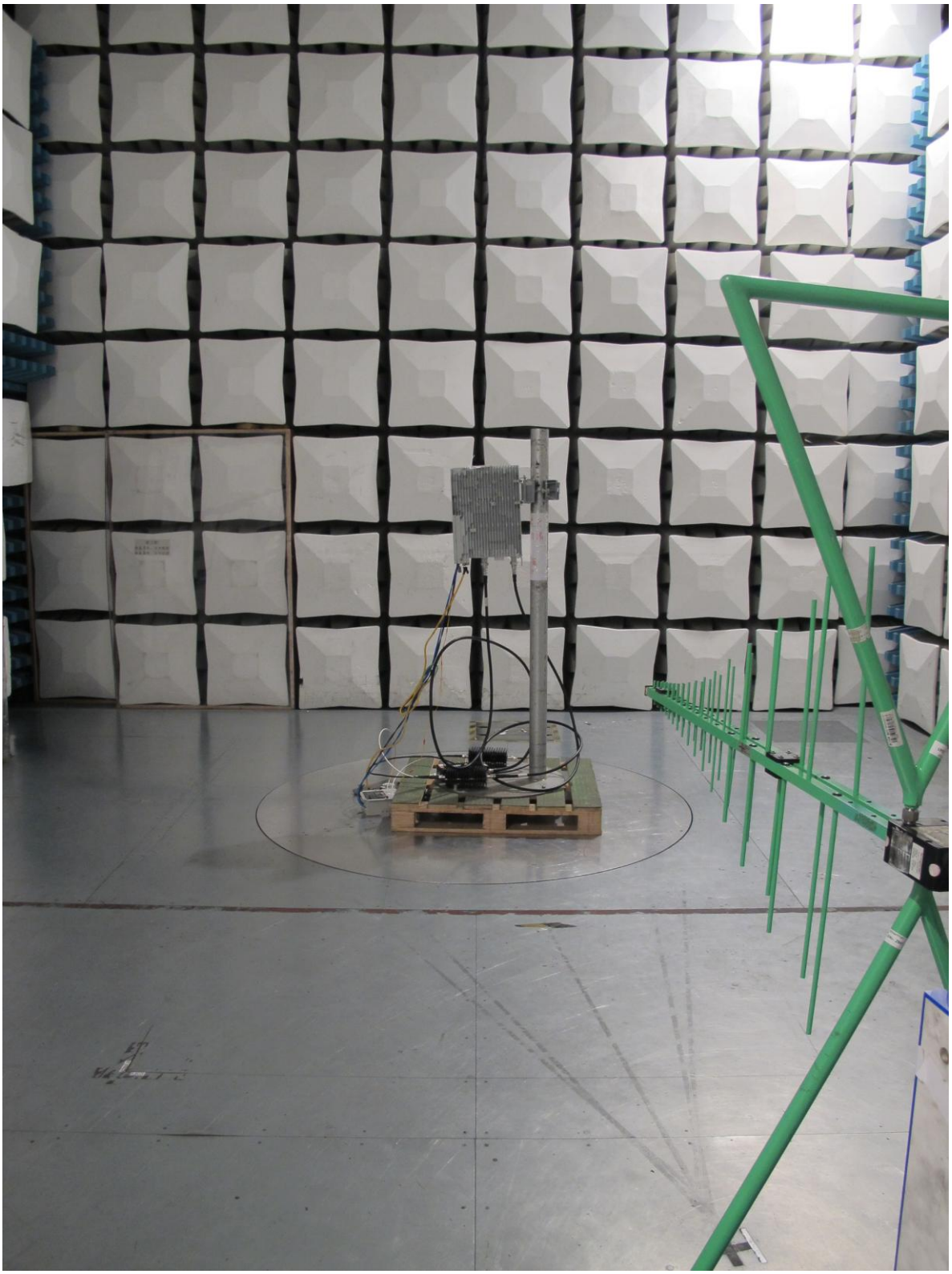
Start Frequency [MHz]	Stop Frequency [MHz]	RBW [MHz]	Detector	Frequency [Hz]	Emission [dBm]	Limit [dBm]	Verdict	Sweep Point



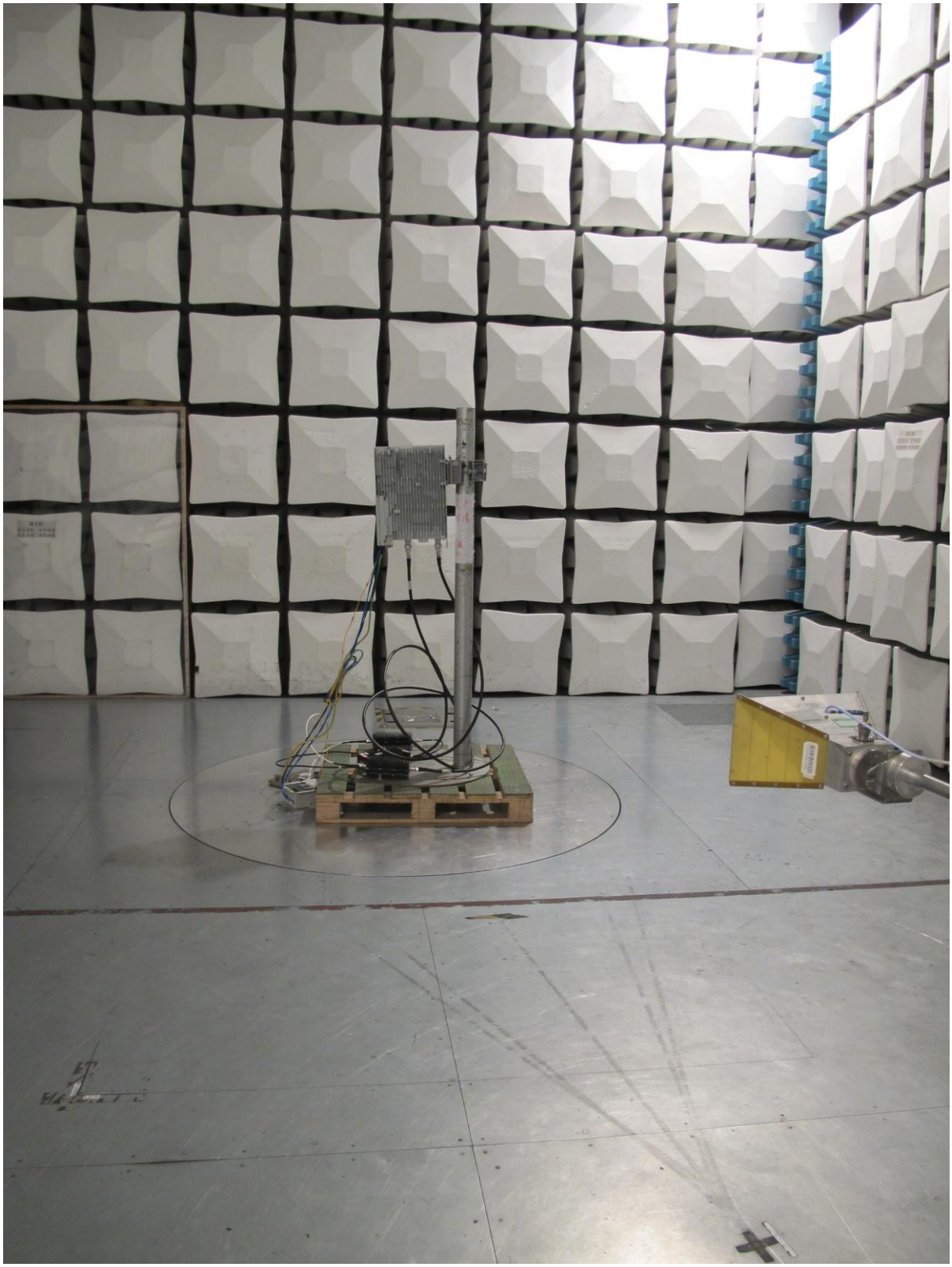
Appendix H1: Photos of Test Setups

1 Test Setup 3

1.1 Frequency range below 1 GHz



1.2 Frequency range above 1 GHz



END