8. FCC §2.1055, FCC §74.861 (e)(4), RSS-210 Section G.2 & G.3 – Frequency Stability

8.1 Applicable Standards

According to KDB 971168 D01 Section 9:

The frequency stability of the transmitter shall be measured while varying the ambient temperatures and supply voltages over the ranges specified in Section 2.1055. The specific frequency stability limits are provided in the relevant rules section(s).

According to FCC §74.861 (e)(4)::

The frequency tolerance of the transmitter shall be 0.005 percent.

According to RSS-210 Section G.2:

The transmit power shall be measured in terms of average value over any period of continuous transmission. The frequency bands, e.i.r.p., authorized bandwidth and frequency stability limits for devices are provided in table G1 for wireless microphones and table G2 for WMAS.

Table G1: Specifications for wireless microphones

Frequency bands (MHz)	e.i.r.p. (mW)	Authorized bandwidth (kHz)	Frequency stability (± ppm)
54-72 76-88 174-216	≤ 50	≤ 200	≤ 50
470-608	≤ 250	≤ 200	≤ 50
614-616 653-663	≤ 20	≤ 200	≤ 50

8.2 Test Procedure

According to FCC 2.1055:

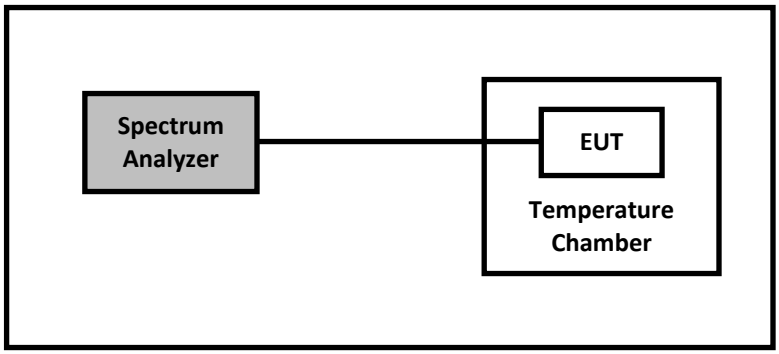
a) The frequency stability shall be measured with variation of ambient temperature as follows:
   1) From −30° to + 50° centigrade for all equipment except that specified in paragraphs (a) (2) and (3) of this section.
   2) From −20° to + 50° centigrade for equipment to be licensed for use in the Maritime Services under part 80 of this chapter, except for Class A, B, and S Emergency Position Indicating Radio beacons (EPIRBS), and equipment to be licensed for use above 952 MHz at operational fixed stations in all services, stations in the Local Television Transmission Service and Point-to-Point Microwave Radio Service under part 21 of this chapter, equipment licensed for use aboard aircraft in the Aviation Services under part 87 of this chapter, and equipment authorized for use in the Family Radio Service under part 95 of this chapter.
   3) From 0° to + 50° centigrade for equipment to be licensed for use in the Radio Broadcast Services under part 73 of this chapter.

b) Frequency measurements shall be made at the extremes of the specified temperature range and at intervals of not more than 10° centigrade through the range. A period of time sufficient to stabilize all of the components of the oscillator circuit at each temperature level shall be allowed prior to frequency measurement. The short term transient effects on the frequency of the transmitter due to keying (except for broadcast transmitters) and any heating element cycling normally occurring at each ambient temperature level also shall be shown. Only the portion or portions of the transmitter containing the frequency determining and stabilizing circuitry need be subjected to the temperature variation test.

c) The frequency stability shall be measured with variation of primary supply voltage as follows:
   1) Vary primary supply voltage from 85 to 115 percent of the nominal value for other than hand carried battery equipment.
   2) For hand carried, battery powered equipment, reduce primary supply voltage to the battery operating end point which shall be specified by the manufacturer.
   3) The supply voltage shall be measured at the input to the cable normally provided with the equipment, or at the power supply terminals if cables are not normally provided. Effects on frequency of transmitter keying (except for broadcast transmitters) and any heating element cycling at the nominal supply voltage and at each extreme also shall be shown.

If an unmodulated carrier is not available, the measurement method shall be described in the test report.

8.3 Test Setup Diagram



8.4 Test Equipment List and Details

BACL No.	Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Interval
912	Rohde & Schwarz	Signal Analyzer	FSV40	1321.3008k39-101203-UW	2024-07-25	1 year
1461	Rohde & Schwarz	Signal Analyzer	FSQ26	200103	2024-08-06	1 year
1060	BACL	Temperature and Humidity Chamber	BTH-150-40	30078	2024-12-03	1 year
-	-	RF Cable	-	-	Each time[1]	N/A

Note[1]: cable included in the test set-up was checked each time before testing.

Statement of Traceability: BACL Corp. *attests that all of the calibrations on the equipment items listed above were traceable to NIST or to another internationally recognized National Metrology Institute (NMI), and were compliant with the latest version of A2LA policy P102 "A2LA Policy on Metrological Traceability".*

8.5 Test Environmental Conditions

Temperature:	17 to 19 ºC
Relative Humidity:	47.2 to 51.7 %
ATM Pressure:	101.2 to 101.7 kPa

The testing was performed by Arturo Reyes from 2024-12-04 to 2024-12-27 at RF test site.

8.6 Test Results

Normal Voltage, -30°C Temperature

Mode	Channel Frequency (MHz)	Left Frequency (MHz)	Right Frequency (MHz)	Center Frequency (MHz)	Deviation (ppm)	Deviation (%)	Limits (ppm)	Limits (%)	Result
D2	537.600	537.5167	537.6826	537.5996	0.6696	0.000067	±50	±0.005	Pass
	572.775	572.6922	572.8588	572.7755	-0.8380	-0.000084	±50	±0.005	Pass
	607.950	607.8658	608.0334	607.9496	0.6908	0.000069	±50	±0.005	Pass
	614.050	613.9677	614.1310	614.0493	1.0748	0.000107	±50	±0.005	Pass
	615.950	615.8680	616.0329	615.9504	-0.7152	-0.000072	±50	±0.005	Pass
	653.050	652.9670	653.1327	653.0498	0.2756	0.000028	±50	±0.005	Pass
	662.950	662.8666	663.0333	662.9499	0.0905	0.000009	±50	±0.005	Pass
HDM	537.600	537.5434	537.6553	537.5994	1.2026	0.000120	±50	±0.005	Pass
	572.775	572.7176	572.8301	572.7739	1.9964	0.000200	±50	±0.005	Pass
	607.950	607.8933	608.0047	607.9490	1.6646	0.000166	±50	±0.005	Pass
	614.050	613.9941	614.1060	614.0500	-0.0611	-0.000006	±50	±0.005	Pass
	615.950	615.8960	616.0060	615.9510	-1.6430	-0.000164	±50	±0.005	Pass
	653.050	652.9939	653.1047	653.0493	1.0765	0.000108	±50	±0.005	Pass
	662.950	662.8942	663.0037	662.9490	1.5416	0.000154	±50	±0.005	Pass

Normal Voltage, -20°C Temperature

Mode	Channel Frequency (MHz)	Left Frequency (MHz)	Right Frequency (MHz)	Center Frequency (MHz)	Deviation (ppm)	Deviation (%)	Limits (ppm)	Limits (%)	Result
D2	537.600	537.5161	537.6815	537.5988	2.1977	0.000220	±50	±0.005	Pass
	572.775	572.6928	572.8589	572.7758	-1.4238	-0.000142	±50	±0.005	Pass
	607.950	607.8671	608.0313	607.9492	1.3258	0.000133	±50	±0.005	Pass
	614.050	613.9669	614.1319	614.0494	1.0382	0.000104	±50	±0.005	Pass
	615.950	615.8668	616.0337	615.9503	-0.4262	-0.000043	±50	±0.005	Pass
	653.050	652.9677	653.1314	653.0495	0.7036	0.000070	±50	±0.005	Pass
	662.950	662.8671	663.0332	662.9502	-0.2828	-0.000028	±50	±0.005	Pass
HDM	537.600	537.5433	537.6563	537.5998	0.4009	0.000040	±50	±0.005	Pass
	572.775	572.7184	572.8306	572.7745	0.8345	0.000083	±50	±0.005	Pass
	607.950	607.8950	608.0050	607.9500	-0.0617	-0.000006	±50	±0.005	Pass
	614.050	613.9943	614.1053	614.0498	0.3819	0.000038	±50	±0.005	Pass
	615.950	615.8941	616.0058	615.9500	0.0308	0.000003	±50	±0.005	Pass
	653.050	652.9941	653.1047	653.0494	0.8476	0.000085	±50	±0.005	Pass
	662.950	662.8939	663.0050	662.9495	0.8055	0.000081	±50	±0.005	Pass

Normal Voltage, -10°C Temperature

Mode	Channel Frequency (MHz)	Left Frequency (MHz)	Right Frequency (MHz)	Center Frequency (MHz)	Deviation (ppm)	Deviation (%)	Limits (ppm)	Limits (%)	Result
D2	537.600	537.5170	537.6830	537.6000	0.0000	0.000000	±50	±0.005	Pass
	572.775	572.6928	572.8547	572.7737	2.1928	0.000219	±50	±0.005	Pass
	607.950	607.8672	608.0339	607.9506	-0.9252	-0.000093	±50	±0.005	Pass
	614.050	613.9666	614.1320	614.0493	1.0993	0.000110	±50	±0.005	Pass
	615.950	615.8668	616.0336	615.9502	-0.3198	-0.000032	±50	±0.005	Pass
	653.050	652.9677	653.1325	653.0501	-0.1148	-0.000011	±50	±0.005	Pass
	662.950	662.8677	663.0311	662.9494	0.9050	0.000091	±50	±0.005	Pass
HDM	537.600	537.5446	537.6556	537.6001	-0.1739	-0.000017	±50	±0.005	Pass
	572.775	572.7201	572.8303	572.7752	-0.3928	-0.000039	±50	±0.005	Pass
	607.950	607.8943	608.0054	607.9499	0.1850	0.000019	±50	±0.005	Pass
	614.050	613.9941	614.1045	614.0493	1.1603	0.000116	±50	±0.005	Pass
	615.950	615.8947	616.0055	615.9501	-0.1981	-0.000020	±50	±0.005	Pass
	653.050	652.9937	653.1040	653.0489	1.7227	0.000172	±50	±0.005	Pass
	662.950	662.8946	663.0043	662.9495	0.8062	0.000081	±50	±0.005	Pass

Normal Voltage, 0°C Temperature

Mode	Channel Frequency (MHz)	Left Frequency (MHz)	Right Frequency (MHz)	Center Frequency (MHz)	Deviation (ppm)	Deviation (%)	Limits (ppm)	Limits (%)	Result
D2	537.600	537.5167	537.6845	537.6006	-1.0817	-0.000108	±50	±0.005	Pass
	572.775	572.6921	572.8594	572.7757	-1.2771	-0.000128	±50	±0.005	Pass
	607.950	607.8668	608.0331	607.9499	0.1382	0.000014	±50	±0.005	Pass
	614.050	613.9659	614.1322	614.0491	1.4966	0.000150	±50	±0.005	Pass
	615.950	615.8673	616.0339	615.9506	-0.9887	-0.000099	±50	±0.005	Pass
	653.050	652.9671	653.1321	653.0496	0.6026	0.000060	±50	±0.005	Pass
	662.950	662.8671	663.0318	662.9495	0.8206	0.000082	±50	±0.005	Pass
HDM	537.600	537.5439	537.6568	537.6004	-0.7152	-0.000072	±50	±0.005	Pass
	572.775	572.7191	572.8309	572.7750	0.0000	0.000000	±50	±0.005	Pass
	607.950	607.8938	608.0058	607.9498	0.3076	0.000031	±50	±0.005	Pass
	614.050	613.9940	614.1061	614.0500	-0.0757	-0.000008	±50	±0.005	Pass
	615.950	615.8952	616.0056	615.9504	-0.7005	-0.000070	±50	±0.005	Pass
	653.050	652.9947	653.1053	653.0500	0.0145	0.000001	±50	±0.005	Pass
	662.950	662.8932	663.0061	662.9497	0.5091	0.000051	±50	±0.005	Pass

Normal Voltage, 10°C Temperature

Mode	Channel Frequency (MHz)	Left Frequency (MHz)	Right Frequency (MHz)	Center Frequency (MHz)	Deviation (ppm)	Deviation (%)	Limits (ppm)	Limits (%)	Result
D2	537.600	537.5166	537.6843	537.6005	-0.8371	-0.000084	±50	±0.005	Pass
	572.775	572.6907	572.8572	572.7740	1.8332	0.000183	±50	±0.005	Pass
	607.950	607.8672	608.0337	607.9505	-0.7402	-0.000074	±50	±0.005	Pass
	614.050	613.9669	614.1325	614.0497	0.4886	0.000049	±50	±0.005	Pass
	615.950	615.8676	616.0315	615.9495	0.7452	0.000075	±50	±0.005	Pass
	653.050	652.9669	653.1325	653.0497	0.4594	0.000046	±50	±0.005	Pass
	662.950	662.8657	663.0337	662.9497	0.4525	0.000045	±50	±0.005	Pass
HDM	537.600	537.5436	537.6558	537.5997	0.5580	0.000056	±50	±0.005	Pass
	572.775	572.7186	572.8314	572.7750	0.0000	0.000000	±50	±0.005	Pass
	607.950	607.8933	608.0061	607.9497	0.4935	0.000049	±50	±0.005	Pass
	614.050	613.9933	614.1058	614.0496	0.7328	0.000073	±50	±0.005	Pass
	615.950	615.8941	616.0048	615.9495	0.8832	0.000088	±50	±0.005	Pass
	653.050	652.9942	653.1052	653.0497	0.4594	0.000046	±50	±0.005	Pass
	662.950	662.8942	663.0046	662.9494	0.9050	0.000091	±50	±0.005	Pass

Normal Voltage, 20°C Temperature

Mode	Channel Frequency (MHz)	Left Frequency (MHz)	Right Frequency (MHz)	Center Frequency (MHz)	Deviation (ppm)	Deviation (%)	Limits (ppm)	Limits (%)	Result
D2	537.600	537.5170	537.6820	537.5995	0.9942	0.000099	±50	±0.005	Pass
	572.775	572.6930	572.8558	572.7744	1.0798	0.000108	±50	±0.005	Pass
	607.950	607.8656	608.0332	607.9494	0.9869	0.000099	±50	±0.005	Pass
	614.050	613.9679	614.1321	614.0500	-0.0147	-0.000001	±50	±0.005	Pass
	615.950	615.8667	616.0321	615.9494	0.9587	0.000096	±50	±0.005	Pass
	653.050	652.9656	653.1324	653.0490	1.5787	0.000158	±50	±0.005	Pass
	662.950	662.8673	663.0324	662.9499	0.1840	0.000018	±50	±0.005	Pass
HDM	537.600	537.5448	537.6558	537.6003	-0.5236	-0.000052	±50	±0.005	Pass
	572.775	572.7196	572.8305	572.7750	-0.0332	-0.000003	±50	±0.005	Pass
	607.950	607.8942	608.0048	607.9495	0.8175	0.000082	±50	±0.005	Pass
	614.050	613.9943	614.1048	614.0495	0.7630	0.000076	±50	±0.005	Pass
	615.950	615.8938	616.0065	615.9501	-0.2127	-0.000021	±50	±0.005	Pass
	653.050	652.9946	653.1054	653.0500	0.0283	0.000003	±50	±0.005	Pass
	662.950	662.8937	663.0060	662.9498	0.2685	0.000027	±50	±0.005	Pass

Normal Voltage, 30°C Temperature

Mode	Channel Frequency (MHz)	Left Frequency (MHz)	Right Frequency (MHz)	Center Frequency (MHz)	Deviation (ppm)	Deviation (%)	Limits (ppm)	Limits (%)	Result
D2	537.600	537.5181	537.6810	537.5996	0.8371	0.000084	±50	±0.005	Pass
	572.775	572.6914	572.8589	572.7751	-0.2453	-0.000025	±50	±0.005	Pass
	607.950	607.8675	608.0339	607.9507	-1.1103	-0.000111	±50	±0.005	Pass
	614.050	613.9677	614.1313	614.0495	0.8705	0.000087	±50	±0.005	Pass
	615.950	615.8666	616.0343	615.9504	-0.6851	-0.000069	±50	±0.005	Pass
	653.050	652.9675	653.1324	653.0500	0.0720	0.000007	±50	±0.005	Pass
	662.950	662.8664	663.0335	662.9499	0.1410	0.000014	±50	±0.005	Pass
HDM	537.600	537.5448	537.6558	537.6003	-0.5924	-0.000059	±50	±0.005	Pass
	572.775	572.7189	572.8300	572.7745	0.9489	0.000095	±50	±0.005	Pass
	607.950	607.8951	608.0053	607.9502	-0.3388	-0.000034	±50	±0.005	Pass
	614.050	613.9947	614.1048	614.0497	0.4576	0.000046	±50	±0.005	Pass
	615.950	615.8943	616.0055	615.9499	0.1672	0.000017	±50	±0.005	Pass
	653.050	652.9935	653.1049	653.0492	1.2059	0.000121	±50	±0.005	Pass
	662.950	662.8943	663.0055	662.9499	0.2119	0.000021	±50	±0.005	Pass

Normal Voltage, 40°C Temperature

Mode	Channel Frequency (MHz)	Left Frequency (MHz)	Right Frequency (MHz)	Center Frequency (MHz)	Deviation (ppm)	Deviation (%)	Limits (ppm)	Limits (%)	Result
D2	537.600	537.5169	537.6824	537.5997	0.5757	0.000058	±50	±0.005	Pass
	572.775	572.6914	572.8585	572.7749	0.0986	0.000010	±50	±0.005	Pass
	607.950	607.8669	608.0317	607.9493	1.1103	0.000111	±50	±0.005	Pass
	614.050	613.9692	614.1316	614.0504	-0.6416	-0.000064	±50	±0.005	Pass
	615.950	615.8683	616.0320	615.9502	-0.2435	-0.000024	±50	±0.005	Pass
	653.050	652.9656	653.1322	653.0489	1.6653	0.000167	±50	±0.005	Pass
	662.950	662.8682	663.0317	662.9499	0.1275	0.000013	±50	±0.005	Pass
HDM	537.600	537.5446	537.6555	537.6000	-0.0521	-0.000005	±50	±0.005	Pass
	572.775	572.7203	572.8302	572.7752	-0.3928	-0.000039	±50	±0.005	Pass
	607.950	607.8948	608.0047	607.9498	0.3857	0.000039	±50	±0.005	Pass
	614.050	613.9945	614.1054	614.0499	0.0920	0.000009	±50	±0.005	Pass
	615.950	615.8954	616.0047	615.9501	-0.1372	-0.000014	±50	±0.005	Pass
	653.050	652.9946	653.1055	653.0500	-0.0574	-0.000006	±50	±0.005	Pass
	662.950	662.8950	663.0045	662.9497	0.4095	0.000041	±50	±0.005	Pass

Normal Voltage, 50°C Temperature

Mode	Channel Frequency (MHz)	Left Frequency (MHz)	Right Frequency (MHz)	Center Frequency (MHz)	Deviation (ppm)	Deviation (%)	Limits (ppm)	Limits (%)	Result
D2	537.600	537.5162	537.6828	537.5995	0.9942	0.000099	±50	±0.005	Pass
	572.775	572.6924	572.8566	572.7745	0.9166	0.000092	±50	±0.005	Pass
	607.950	607.8667	608.0331	607.9499	0.2007	0.000020	±50	±0.005	Pass
	614.050	613.9664	614.1319	614.0491	1.4347	0.000143	±50	±0.005	Pass
	615.950	615.8667	616.0321	615.9494	0.9587	0.000096	±50	±0.005	Pass
	653.050	652.9652	653.1329	653.0491	1.4356	0.000144	±50	±0.005	Pass
	662.950	662.8673	663.0319	662.9496	0.6222	0.000062	±50	±0.005	Pass
HDM	537.600	537.5444	537.6544	537.5994	1.1161	0.000112	±50	±0.005	Pass
	572.775	572.7186	572.8312	572.7749	0.1641	0.000016	±50	±0.005	Pass
	607.950	607.8938	608.0060	607.9499	0.1694	0.000017	±50	±0.005	Pass
	614.050	613.9942	614.1061	614.0502	-0.2443	-0.000024	±50	±0.005	Pass
	615.950	615.8947	616.0047	615.9497	0.4716	0.000047	±50	±0.005	Pass
	653.050	652.9951	653.1052	653.0501	-0.1868	-0.000019	±50	±0.005	Pass
	662.950	662.8946	663.0043	662.9495	0.8062	0.000081	±50	±0.005	Pass

Normal Temperature, -15% (3.06V) Voltage

Mode	Channel Frequency (MHz)	Left Frequency (MHz)	Right Frequency (MHz)	Center Frequency (MHz)	Deviation (ppm)	Deviation (%)	Limits (ppm)	Limits (%)	Result
D2	537.600	537.5161	537.6815	537.5988	2.2145	0.000221	±50	±0.005	Pass
	572.775	572.6918	572.8579	572.7748	0.2776	0.000028	±50	±0.005	Pass
	607.950	607.8654	608.0337	607.9496	0.7098	0.000071	±50	±0.005	Pass
	614.050	613.9669	614.1330	614.0500	0.0611	0.000006	±50	±0.005	Pass
	615.950	615.8660	616.0319	615.9490	1.6738	0.000167	±50	±0.005	Pass
	653.050	652.9665	653.1317	653.0491	1.3781	0.000138	±50	±0.005	Pass
	662.950	662.8666	663.0326	662.9496	0.5943	0.000059	±50	±0.005	Pass
HDM	537.600	537.5441	537.6558	537.6000	0.0865	0.000009	±50	±0.005	Pass
	572.775	572.7193	572.8302	572.7748	0.4251	0.000043	±50	±0.005	Pass
	607.950	607.8957	608.0055	607.9506	-1.0025	-0.000100	±50	±0.005	Pass
	614.050	613.9937	614.1064	614.0500	-0.0757	-0.000008	±50	±0.005	Pass
	615.950	615.8948	616.0048	615.9498	0.3198	0.000032	±50	±0.005	Pass
	653.050	652.9944	653.1049	653.0496	0.5597	0.000056	±50	±0.005	Pass
	662.950	662.8943	663.0044	662.9494	0.9480	0.000095	±50	±0.005	Pass

Normal Temperature, +15% (4.14V) Voltage

Mode	Channel Frequency (MHz)	Left Frequency (MHz)	Right Frequency (MHz)	Center Frequency (MHz)	Deviation (ppm)	Deviation (%)	Limits (ppm)	Limits (%)	Result
D2	537.600	537.5172	537.6832	537.6002	-0.3832	-0.000038	±50	±0.005	Pass
	572.775	572.6921	572.8567	572.7744	1.0152	0.000102	±50	±0.005	Pass
	607.950	607.8673	608.0324	607.9498	0.2772	0.000028	±50	±0.005	Pass
	614.050	613.9671	614.1325	614.0498	0.3363	0.000034	±50	±0.005	Pass
	615.950	615.8668	616.0317	615.9492	1.2477	0.000125	±50	±0.005	Pass
	653.050	652.9667	653.1329	653.0498	0.3300	0.000033	±50	±0.005	Pass
	662.950	662.8662	663.0336	662.9499	0.1840	0.000018	±50	±0.005	Pass
HDM	537.600	537.5441	537.6552	537.5996	0.7152	0.000072	±50	±0.005	Pass
	572.775	572.7189	572.8310	572.7750	0.0821	0.000008	±50	±0.005	Pass
	607.950	607.8949	608.0053	607.9501	-0.2007	-0.000020	±50	±0.005	Pass
	614.050	613.9940	614.1055	614.0497	0.4120	0.000041	±50	±0.005	Pass
	615.950	615.8947	616.0050	615.9498	0.2890	0.000029	±50	±0.005	Pass
	653.050	652.9937	653.1047	653.0492	1.2633	0.000126	±50	±0.005	Pass
	662.950	662.8947	663.0052	662.9499	0.0852	0.000009	±50	±0.005	Pass

Note 1: Center frequency (MHz) = [Left Frequency (MHz) + Right Frequency (MHz)] / 2
Note 2: PPM = [Center Frequency (MHz) – Channel Frequency (MHz)] / Channel Frequency (MHz) * 1000000
Note 3: % = [Center Frequency (MHz) – Channel Frequency (MHz)] / Channel Frequency (MHz) * 100

Please refer to Section 8.7 for detailed Frequency Stability plots.
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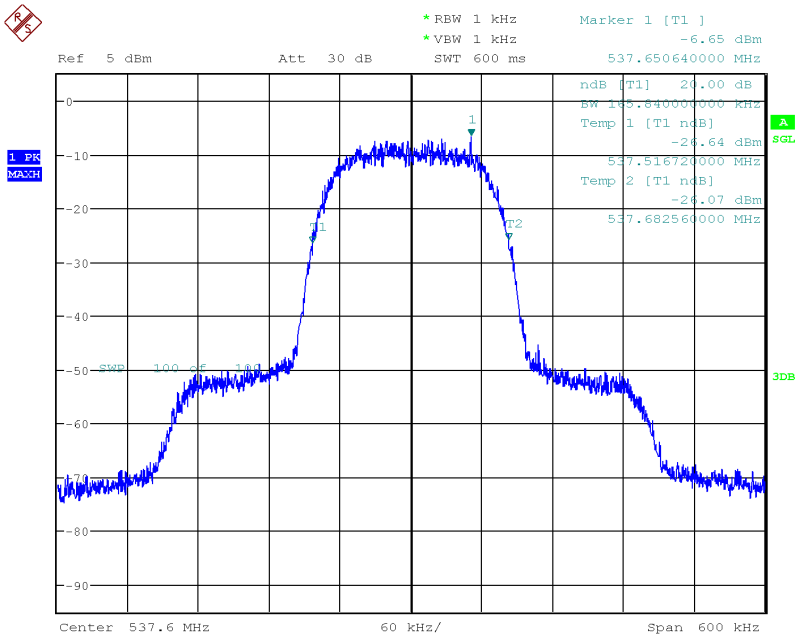
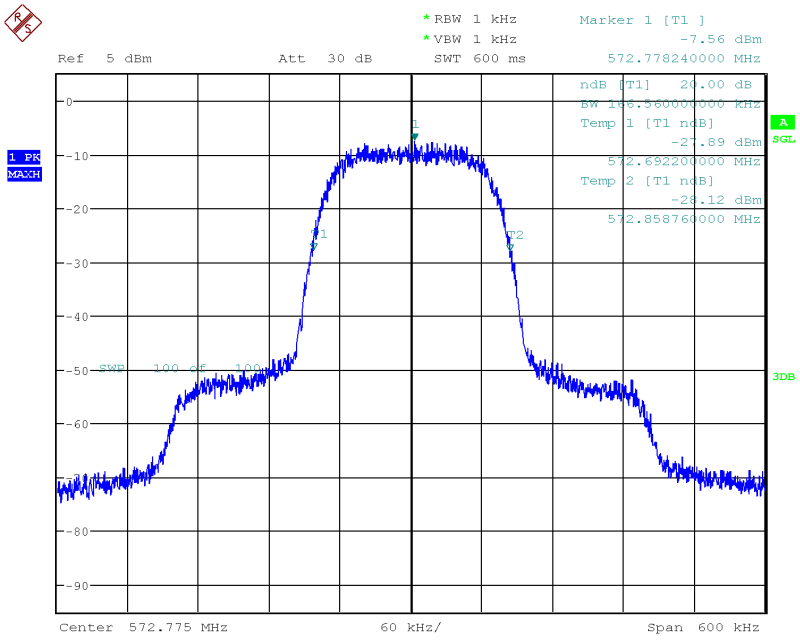
8.7 Frequency Stability Test Plots

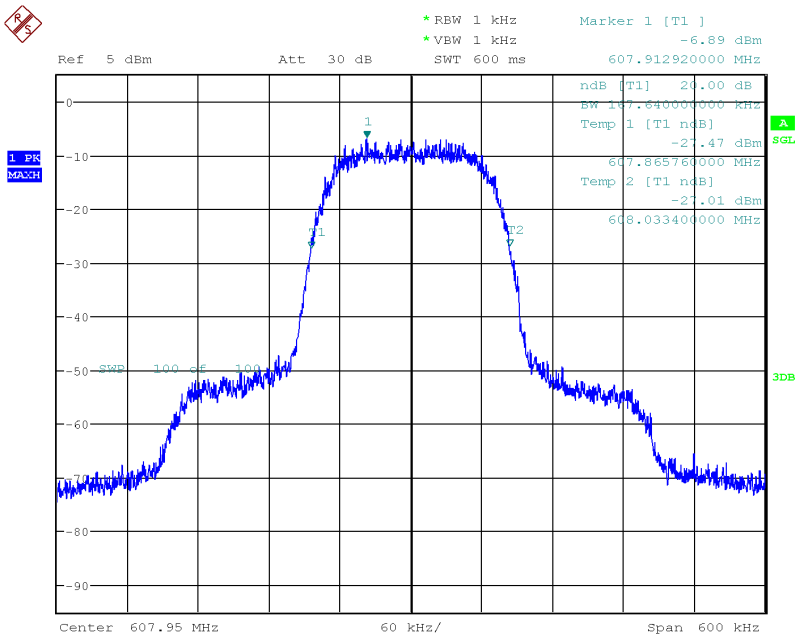
Normal Voltage, -30°C, D2 mode, 537.600 MHz



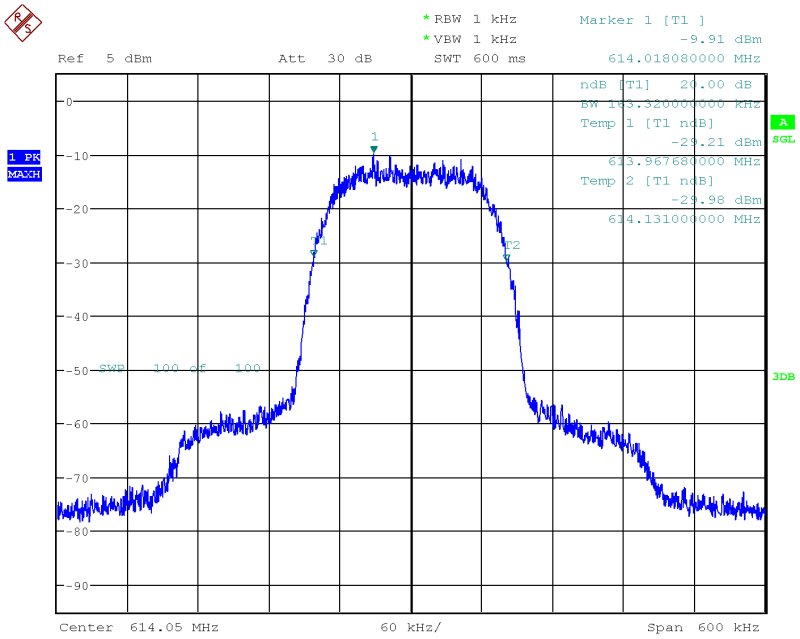
Normal Voltage, -30°C, D2 mode, 572.775 MHz



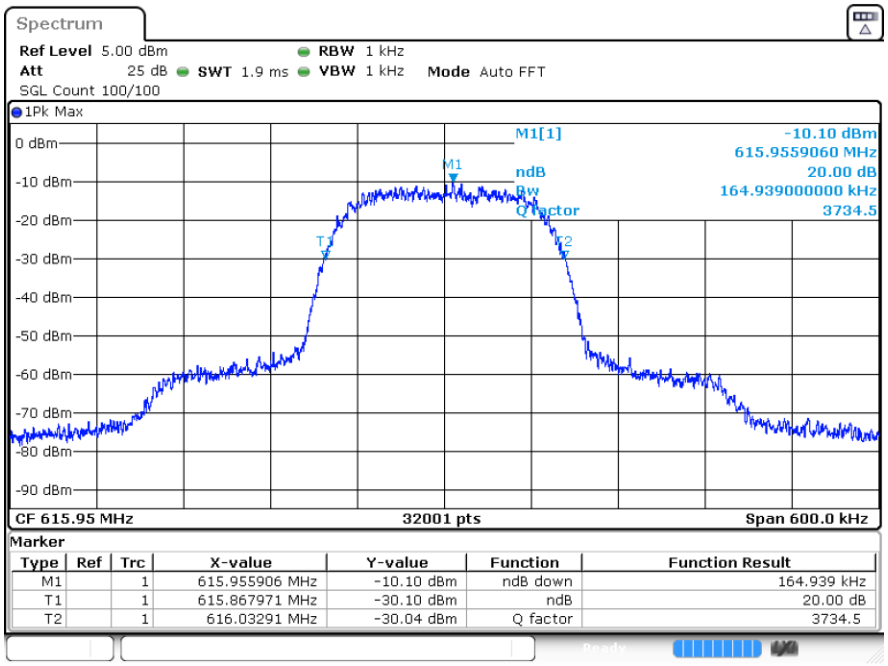
Normal Voltage, -30°C, D2 mode, 607.950 MHz



Normal Voltage, -30°C, D2 mode, 614.050 MHz

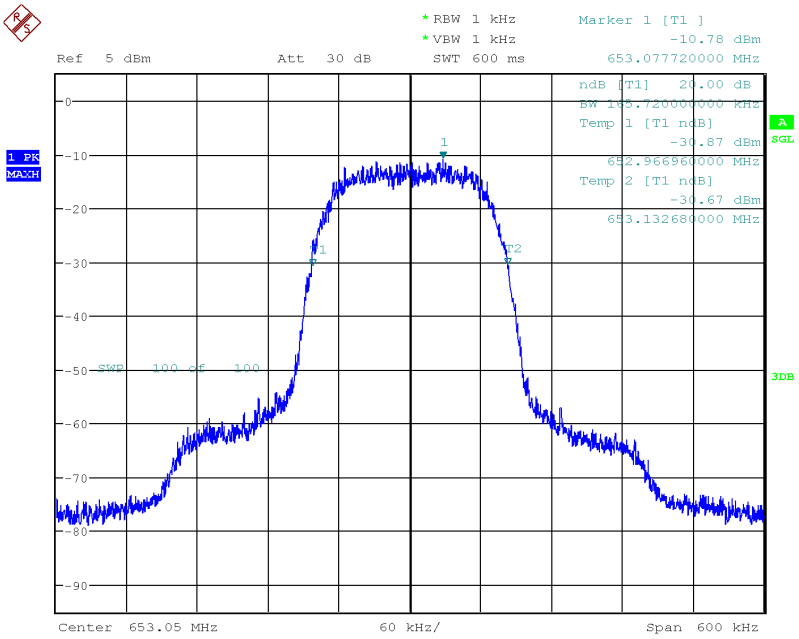


Normal Voltage, -30°C, D2 mode, 615.950 MHz

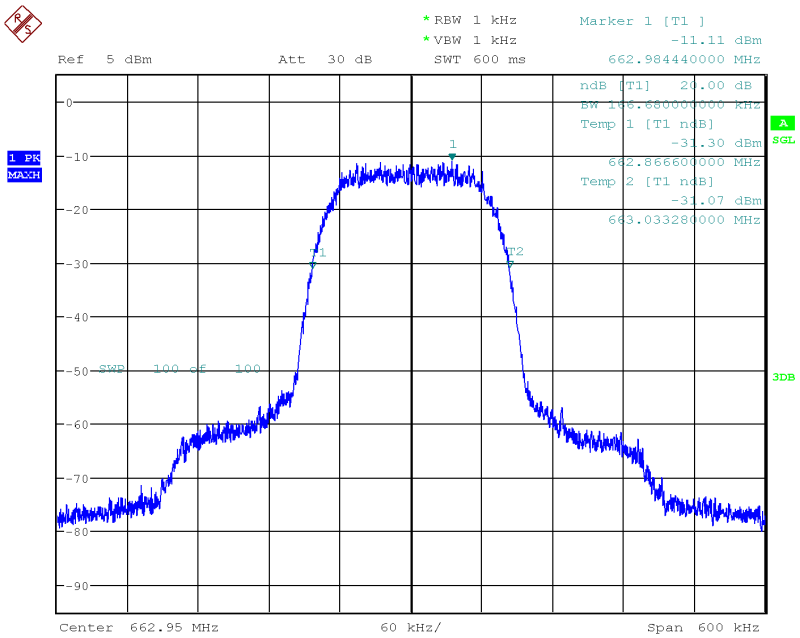


Date: 20.DEC.2024 21:23:24

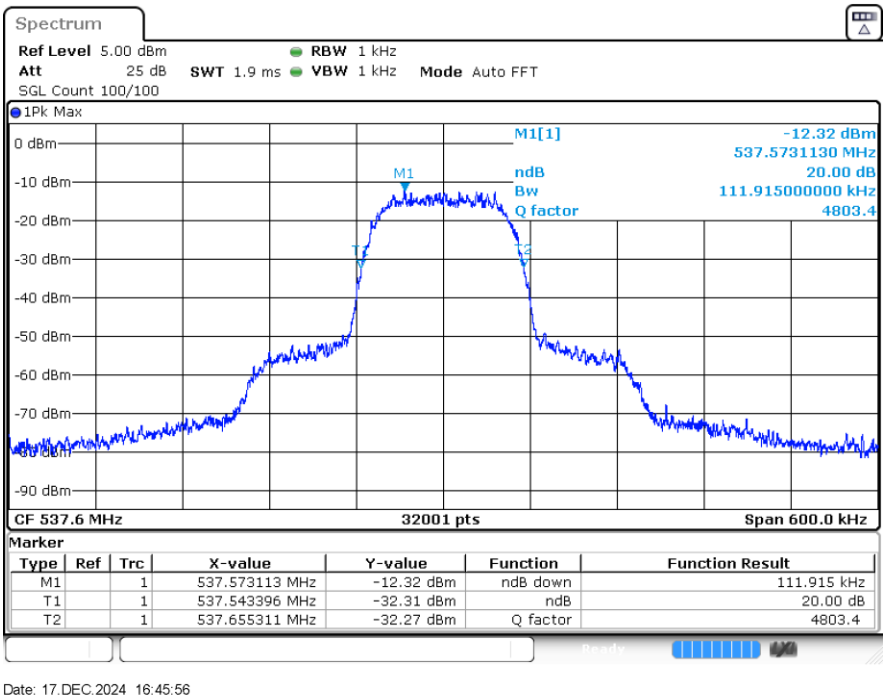
Normal Voltage, -30°C, D2 mode, 653.050 MHz



Normal Voltage, -30°C, D2 mode, 662.950 MHz

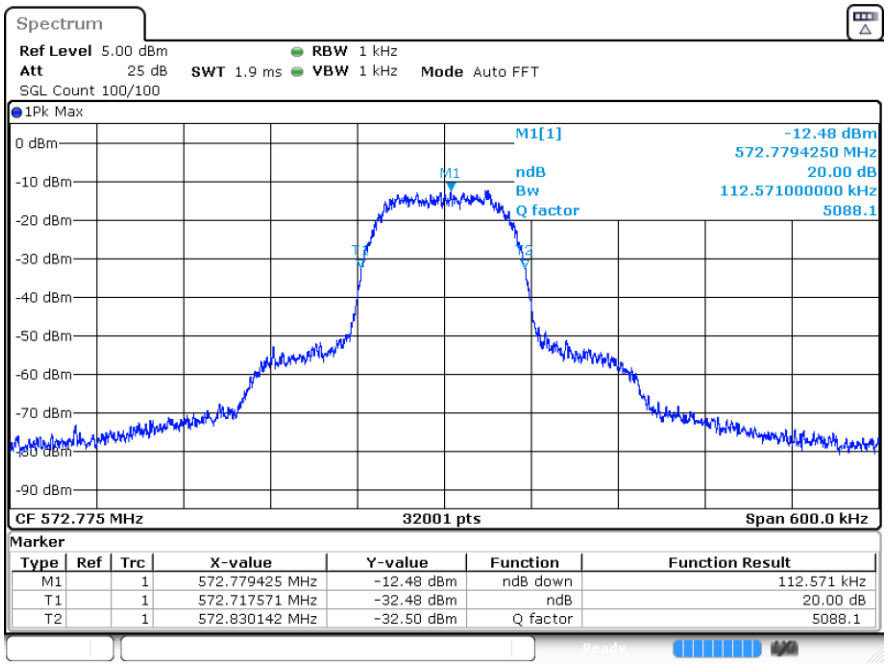


Normal Voltage, -30°C, HDM mode, 537.600 MHz



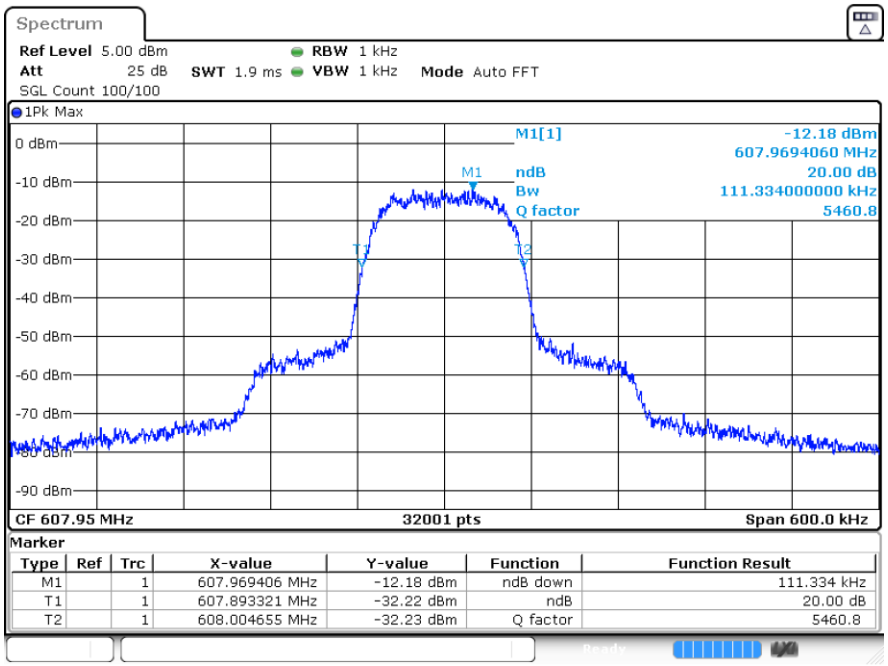
Date: 17.DEC.2024 16:45:56

Normal Voltage, -30°C, HDM mode, 572.775 MHz



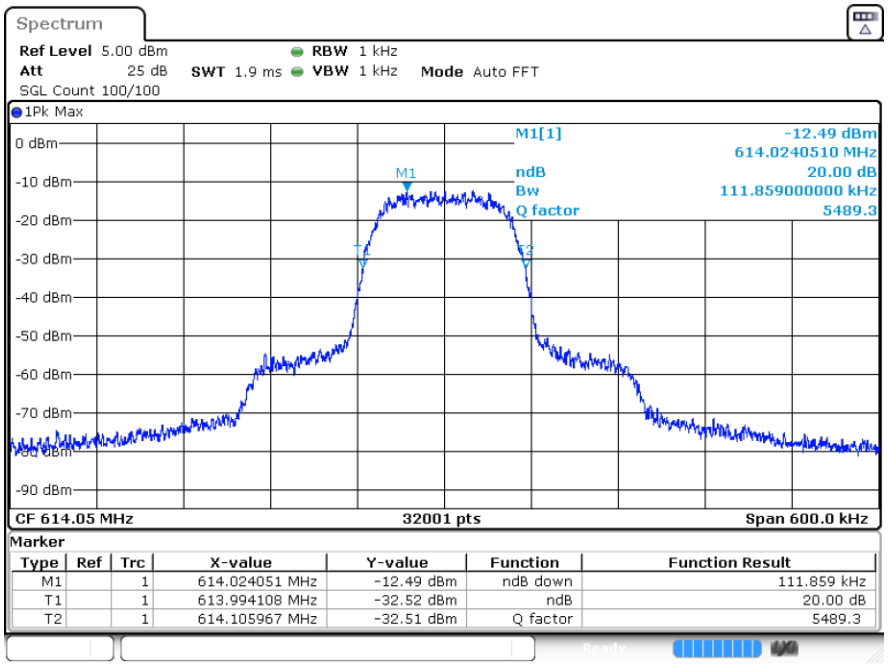
Date: 17.DEC.2024 17:10:50

Normal Voltage, -30°C, HDM mode, 607.950 MHz



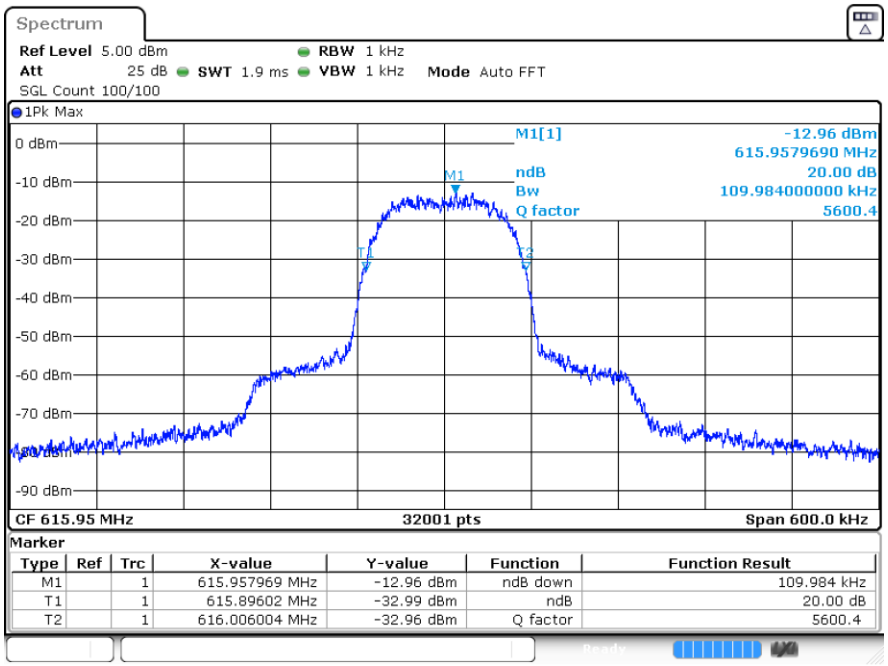
Date: 17.DEC.2024 17:28:17

Normal Voltage, -30°C, HDM mode, 614.050 MHz



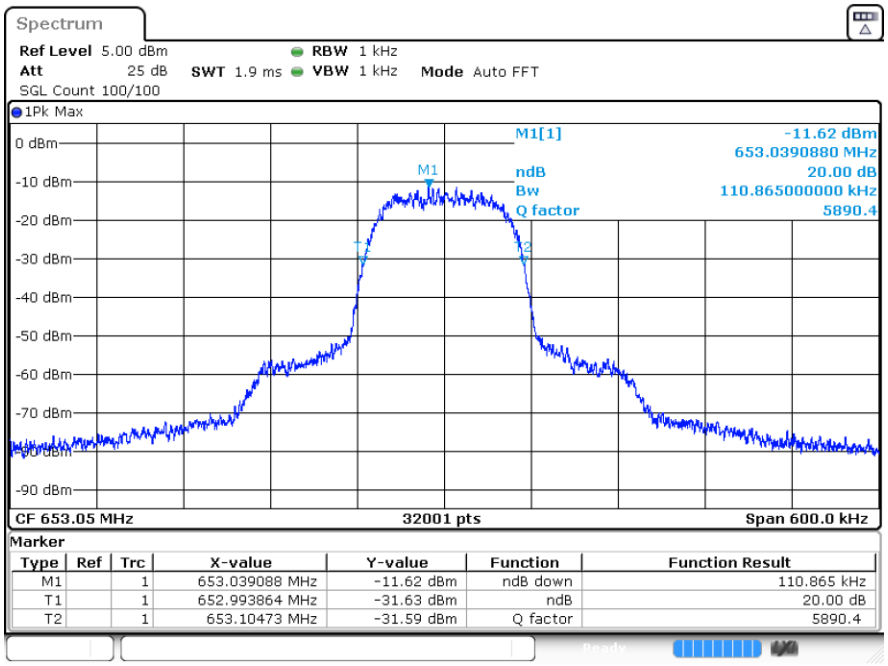
Date: 17.DEC.2024 17:39:44

Normal Voltage, -30°C, HDM mode, 615.950 MHz



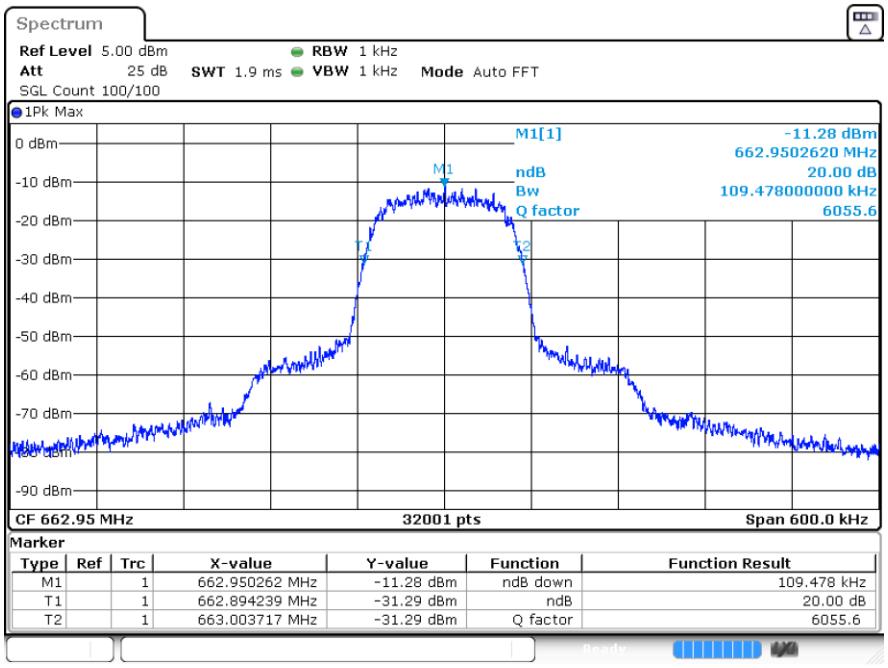
Date: 20.DEC.2024 21:22:53

Normal Voltage, -30°C, HDM mode, 653.050 MHz



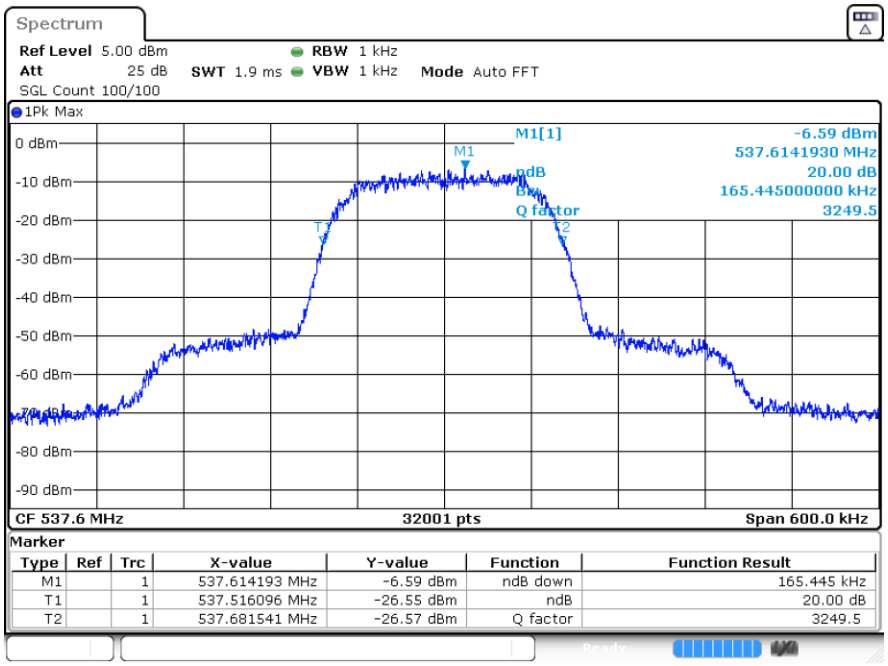
Date: 17.DEC.2024 17:48:58

Normal Voltage, -30°C, HDM mode, 662.950 MHz



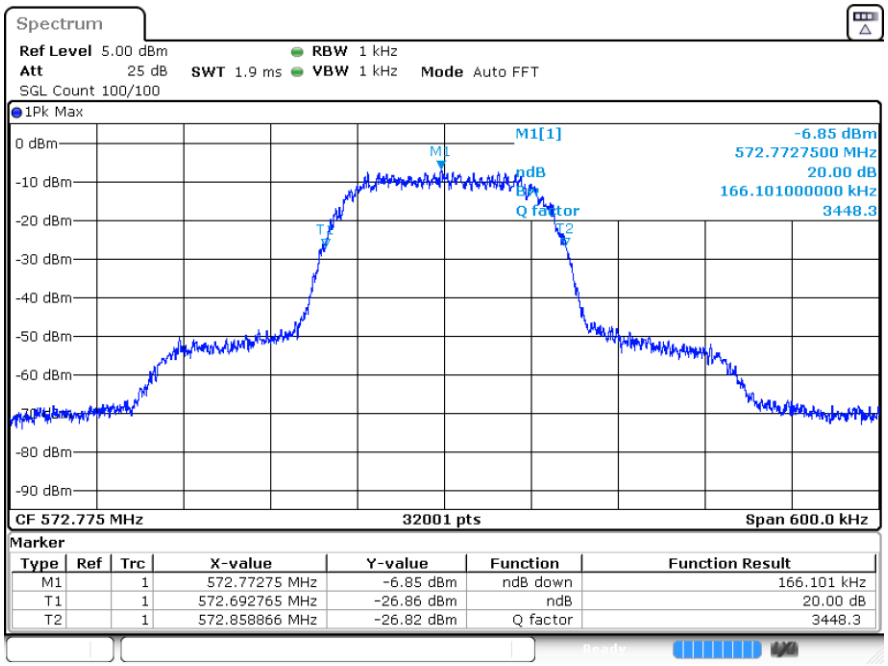
Date: 17.DEC.2024 16:18:39

Normal Voltage, -20°C, D2 mode, 537.600 MHz



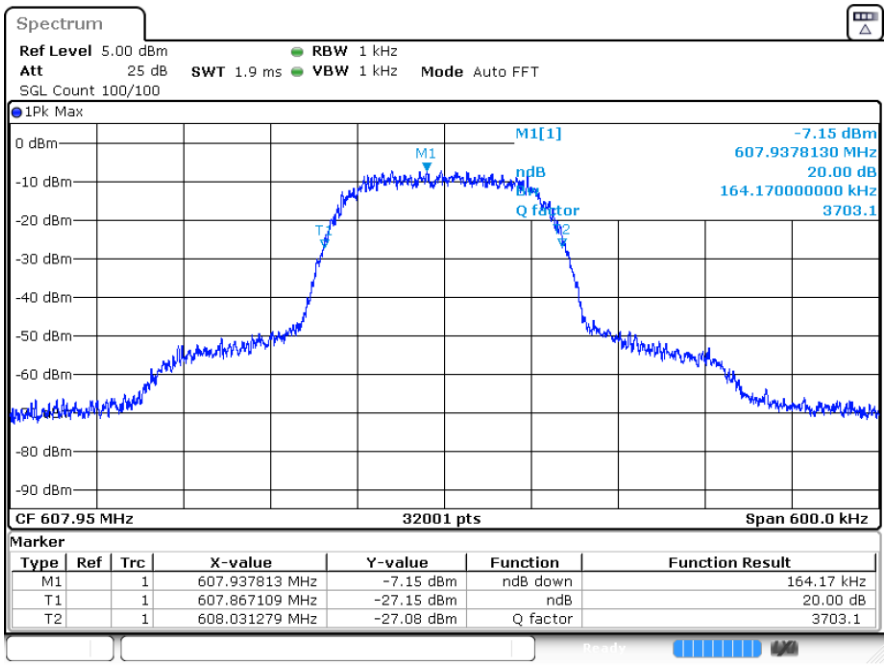
Date: 17.DEC.2024 19:17:21

Normal Voltage, -20°C, D2 mode, 572.775 MHz



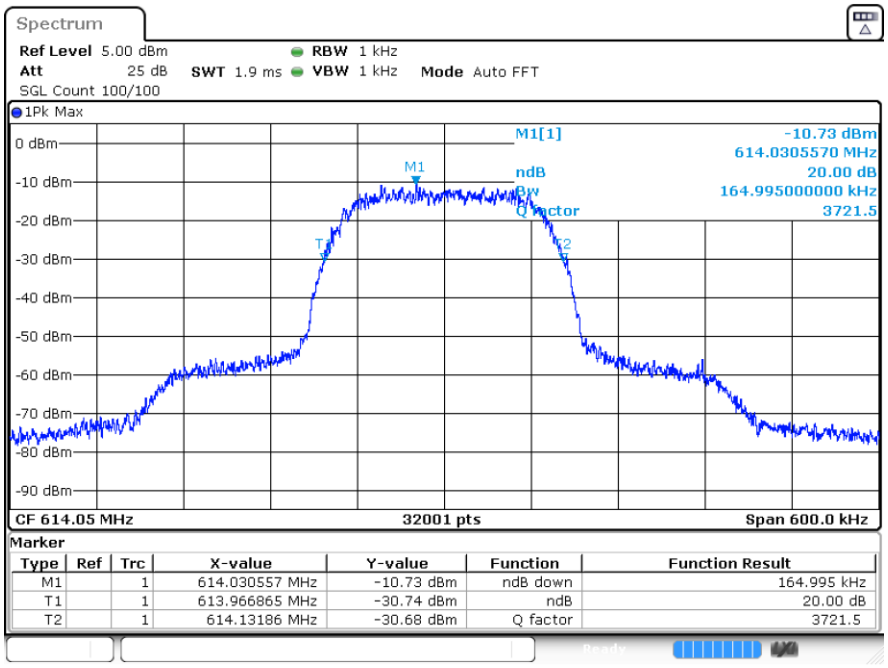
Date: 17.DEC.2024 19:24:40

Normal Voltage, -20°C, D2 mode, 607.950 MHz



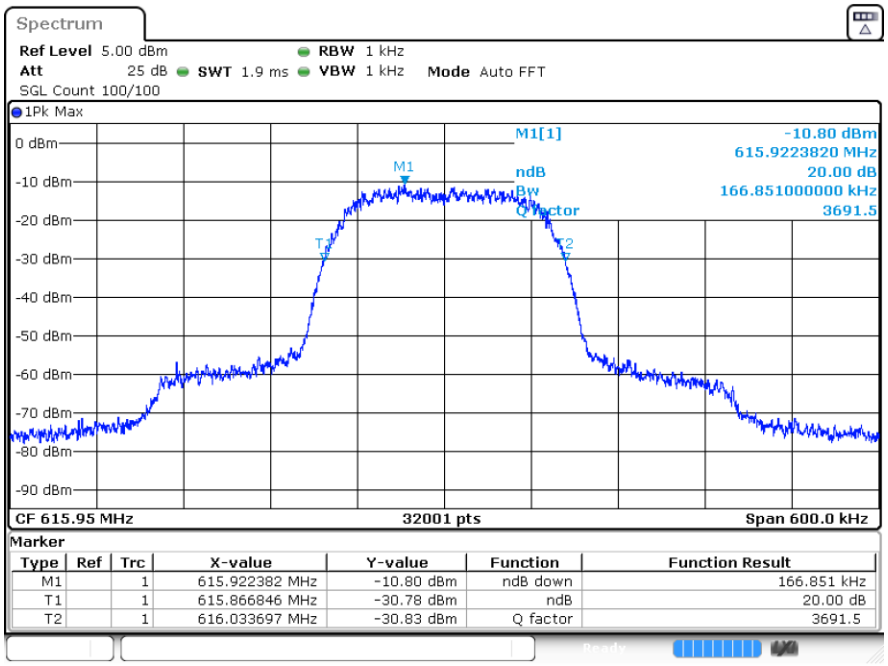
Date: 17.DEC.2024 19:32:44

Normal Voltage, -20°C, D2 mode, 614.050 MHz



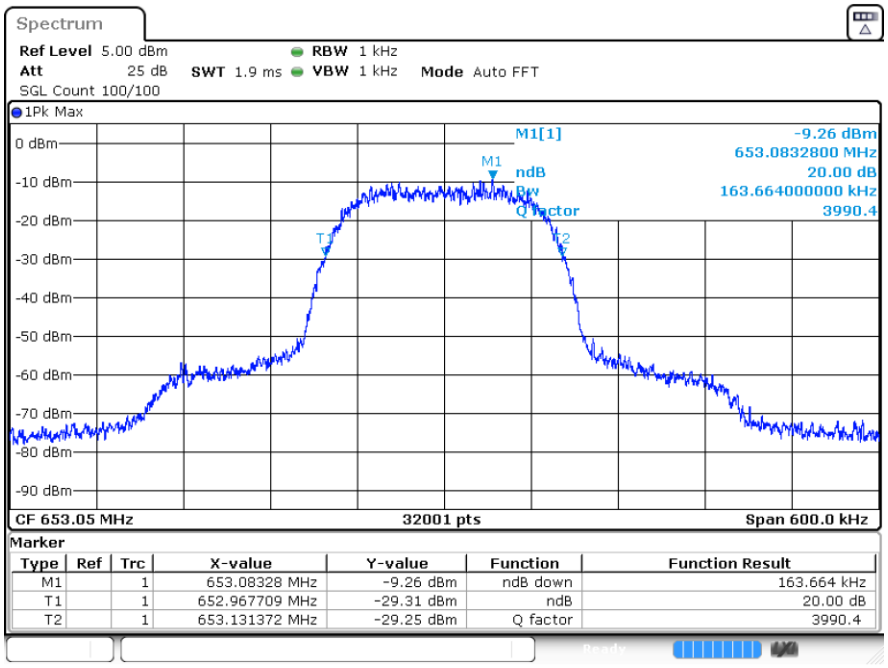
Date: 17.DEC.2024 19:35:08

Normal Voltage, -20°C, D2 mode, 615.950 MHz



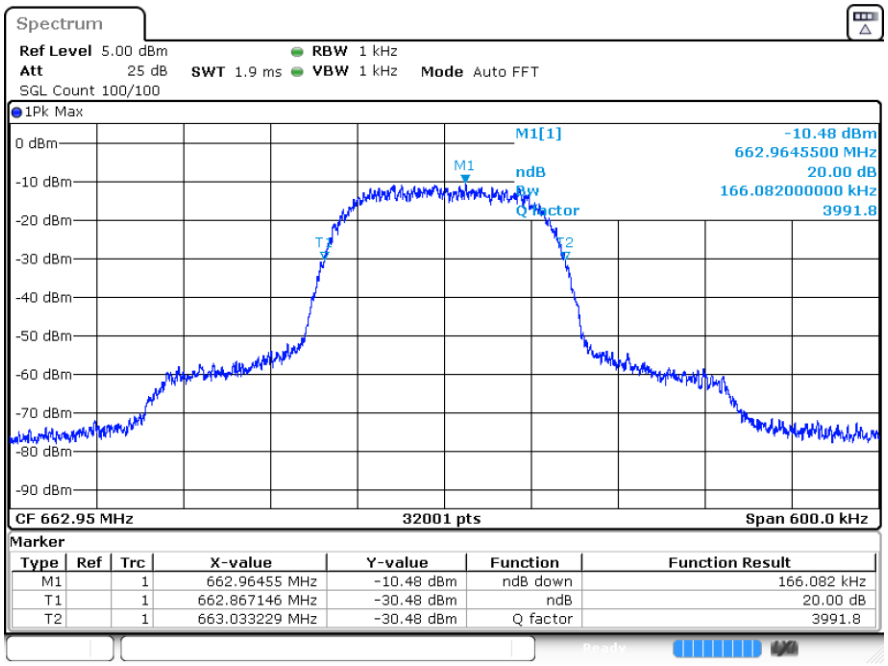
Date: 20.DEC.2024 21:31:01

Normal Voltage, -20°C, D2 mode, 653.050 MHz



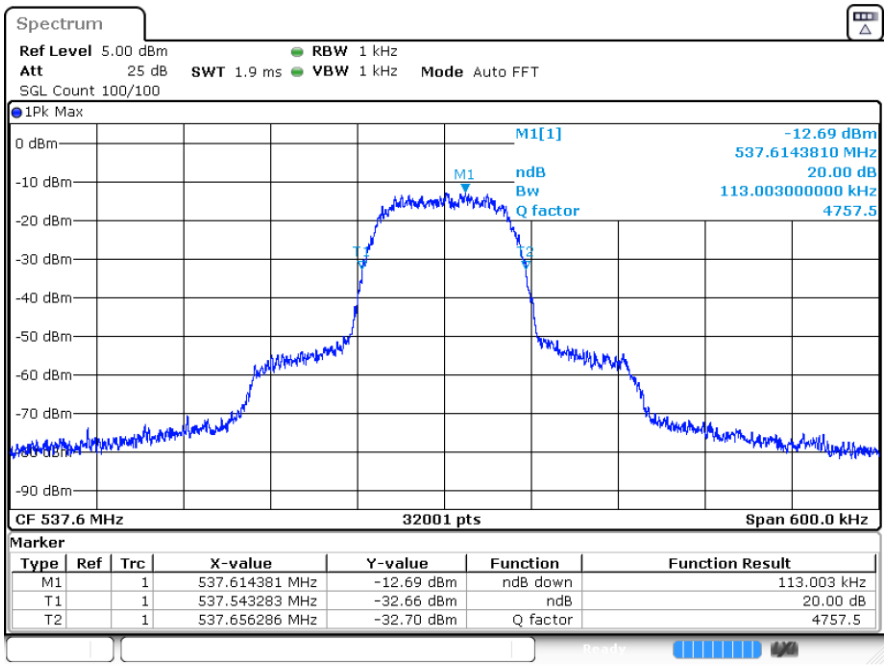
Date: 17.DEC.2024 19:07:13

Normal Voltage, -20°C, D2 mode, 662.950 MHz



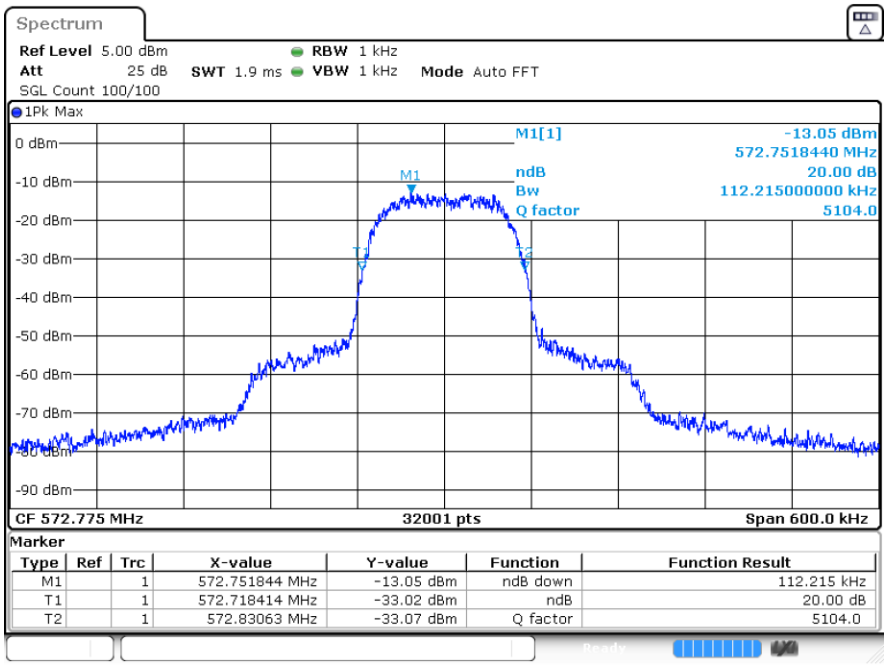
Date: 17.DEC.2024 19:11:55

Normal Voltage, -20°C, HDM mode, 537.600 MHz



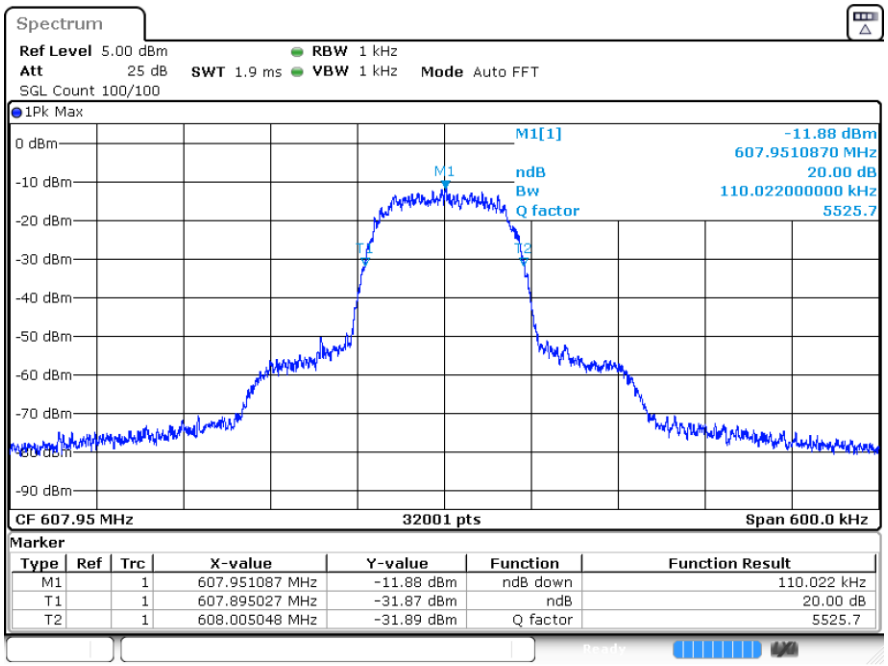
Date: 17.DEC.2024 18:11:12

Normal Voltage, -20°C, HDM mode, 572.775 MHz



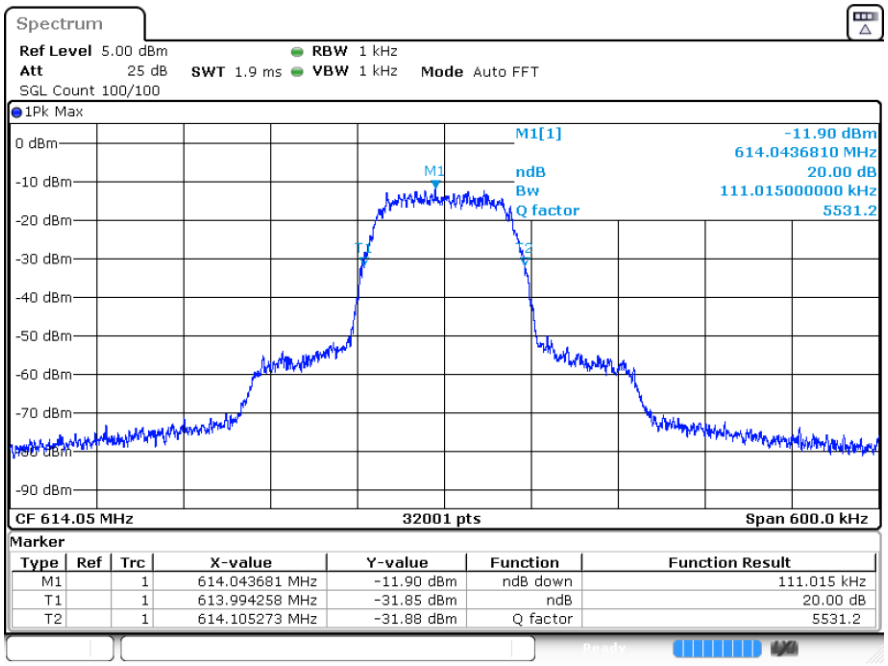
Date: 17.DEC.2024 18:25:56

Normal Voltage, -20°C, HDM mode, 607.950 MHz



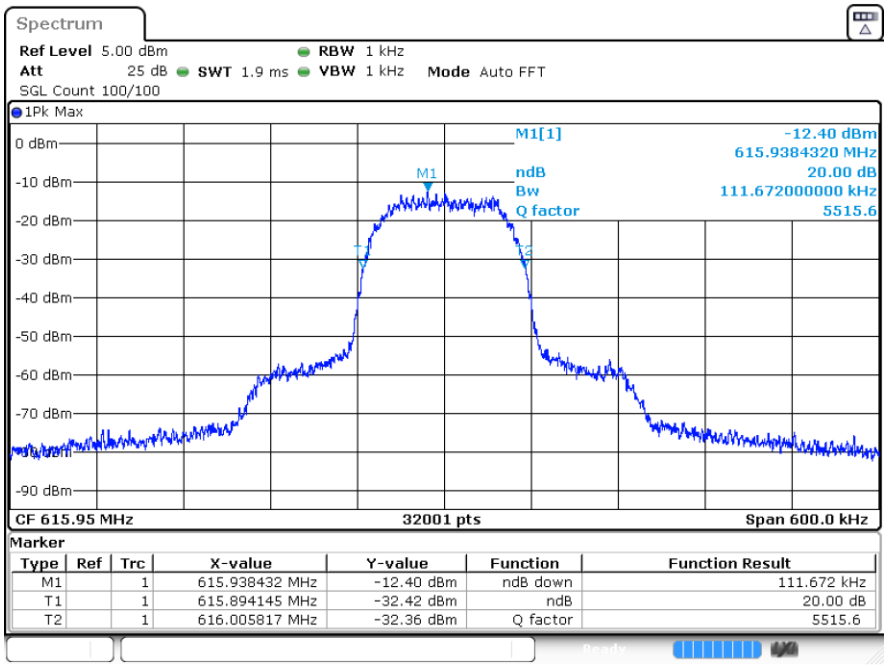
Date: 17.DEC.2024 18:32:42

Normal Voltage, -20°C, HDM mode, 614.050 MHz



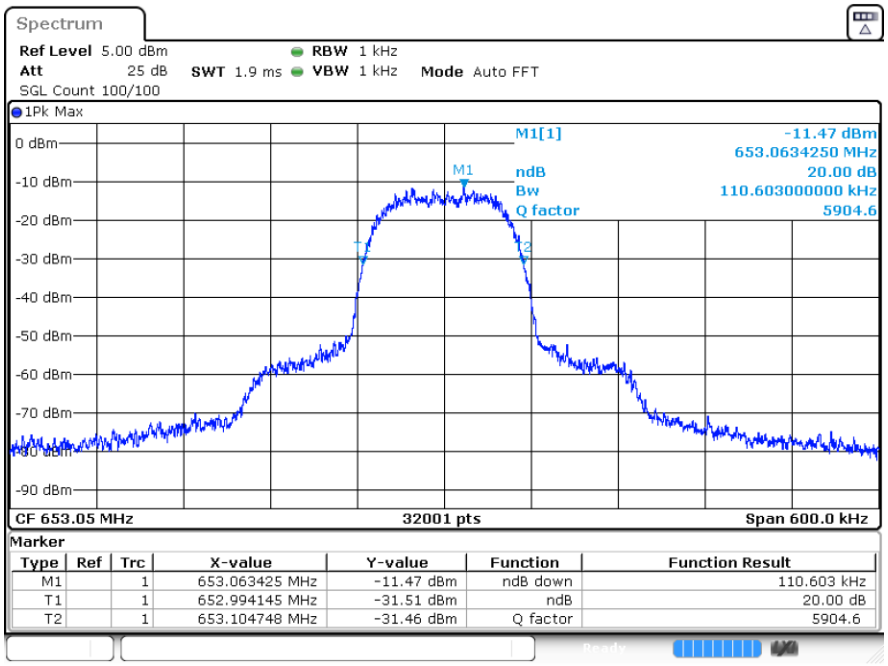
Date: 17.DEC.2024 18:47:45

Normal Voltage, -20°C, HDM mode, 615.950 MHz



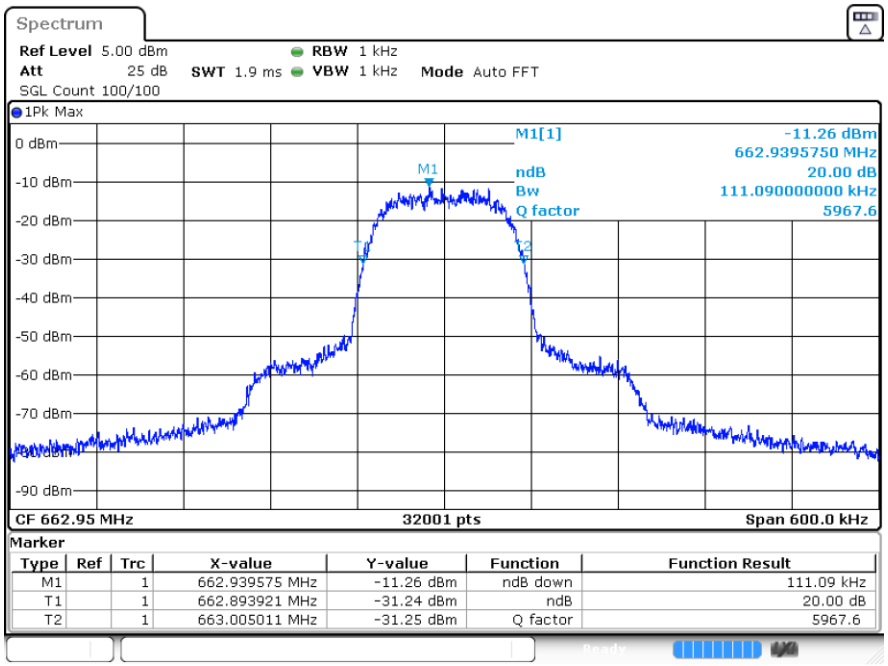
Date: 20.DEC.2024 21:31:36

Normal Voltage, -20°C, HDM mode, 653.050 MHz



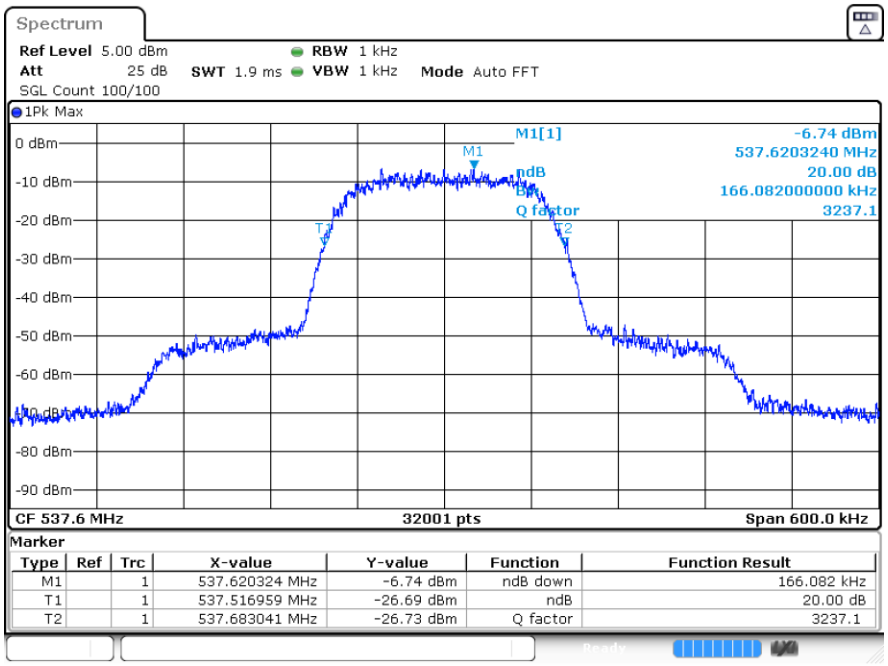
Date: 17.DEC.2024 17:56:36

Normal Voltage, -20°C, HDM mode, 662.950 MHz



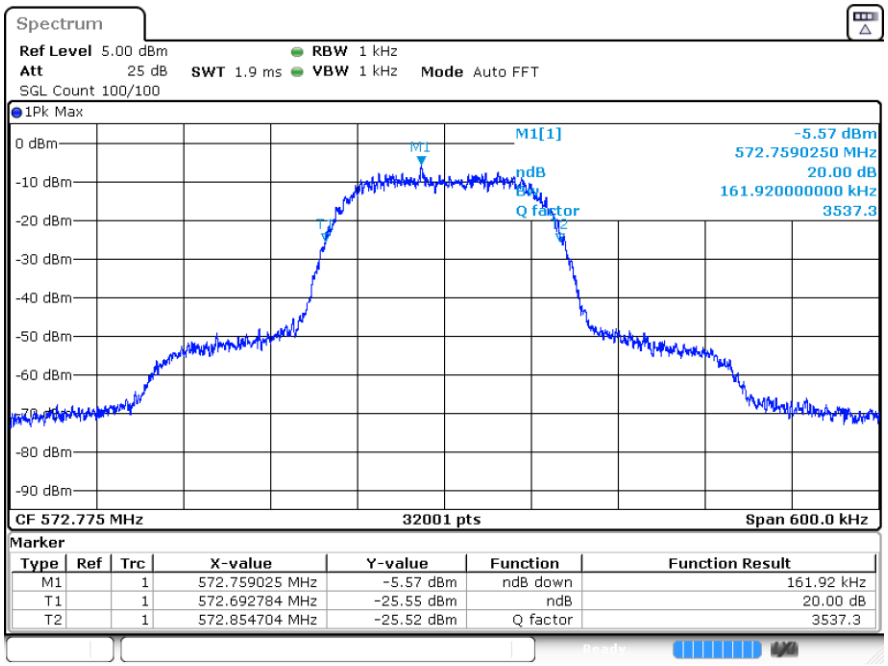
Date: 17.DEC.2024 18:08:48

Normal Voltage, -10°C, D2 mode, 537.600 MHz



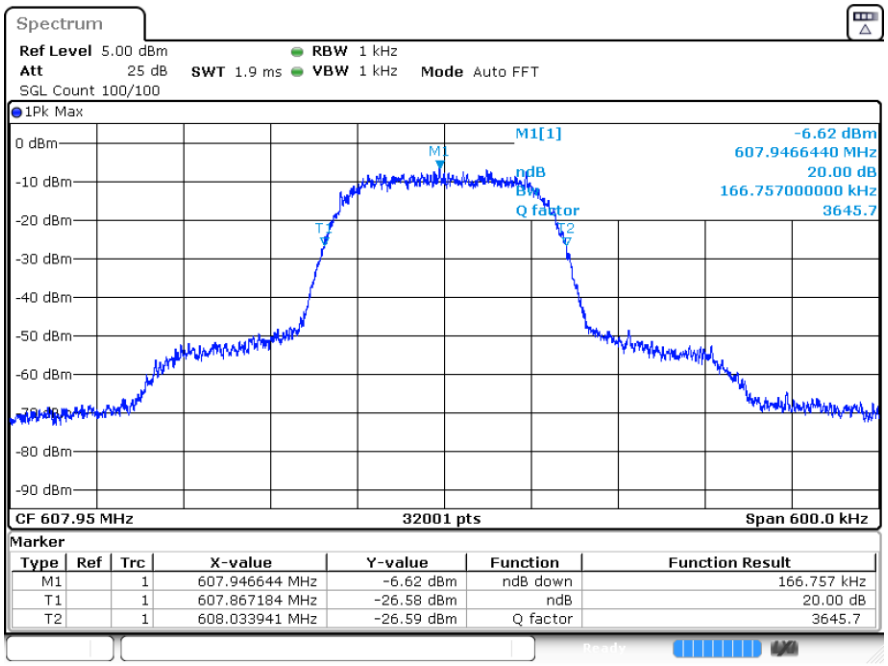
Date: 17.DEC.2024 20:20:40

Normal Voltage, -10°C, D2 mode, 572.775 MHz



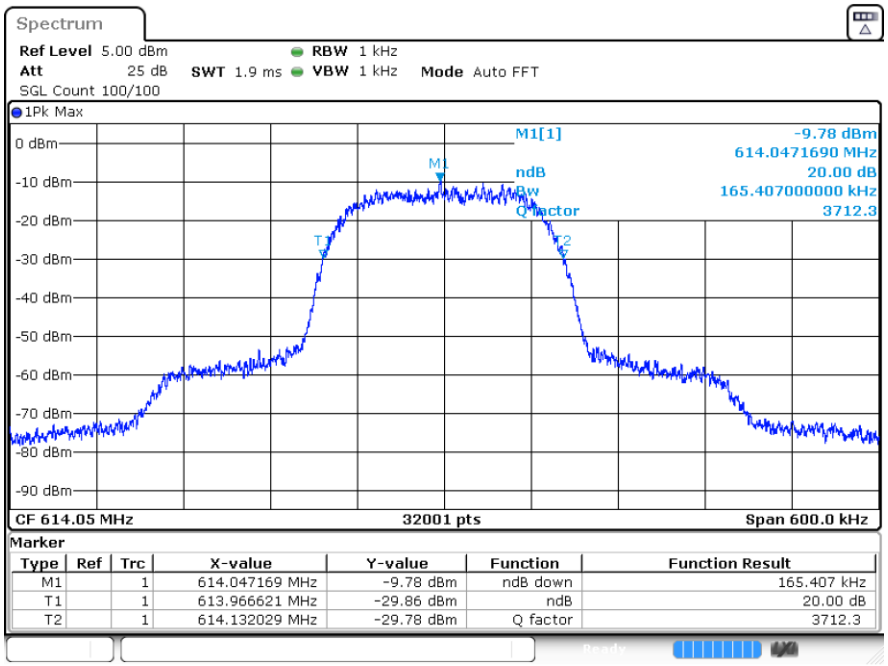
Date: 17.DEC.2024 20:29:19

Normal Voltage, -10°C, D2 mode, 607.950 MHz



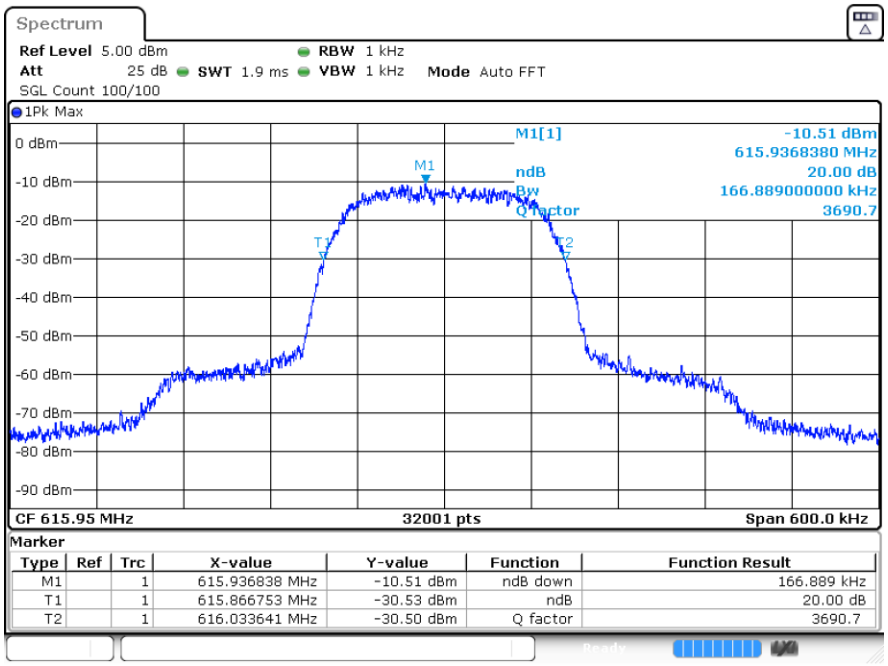
Date: 17.DEC.2024 20:32:39

Normal Voltage, -10°C, D2 mode, 614.050 MHz



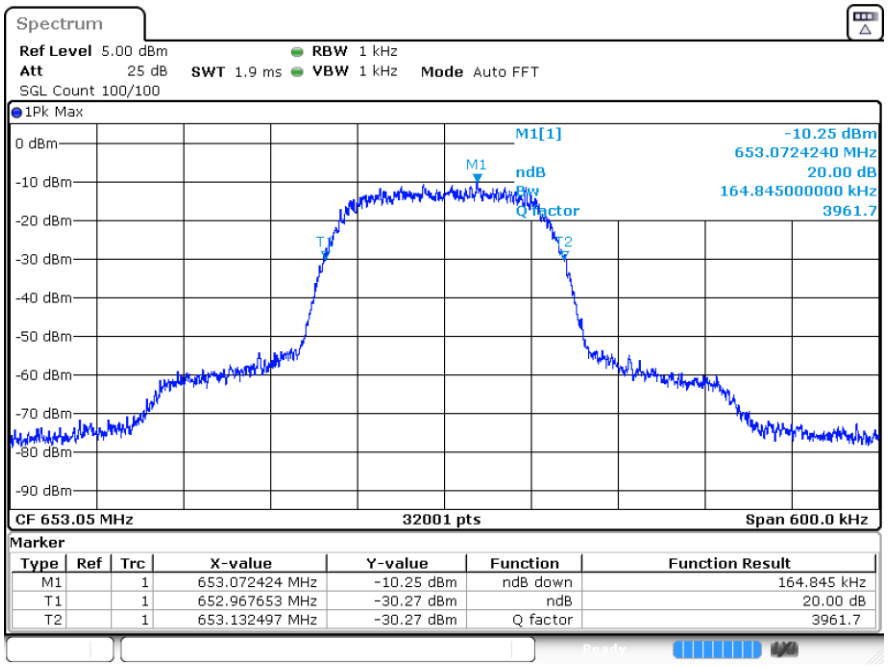
Date: 17.DEC.2024 19:50:50

Normal Voltage, -10°C, D2 mode, 615.950 MHz



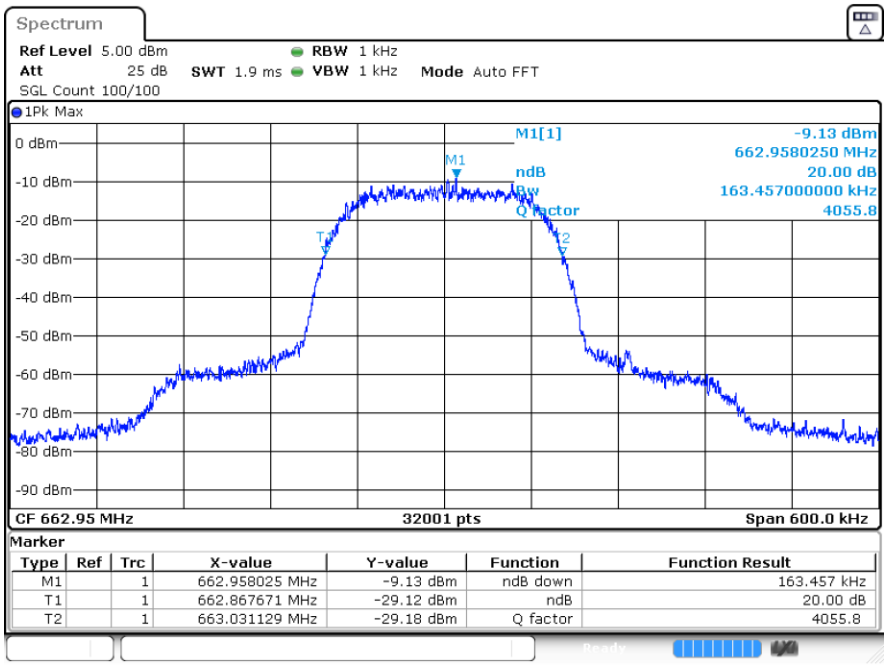
Date: 20.DEC.2024 21:44:17

Normal Voltage, -10°C, D2 mode, 653.050 MHz



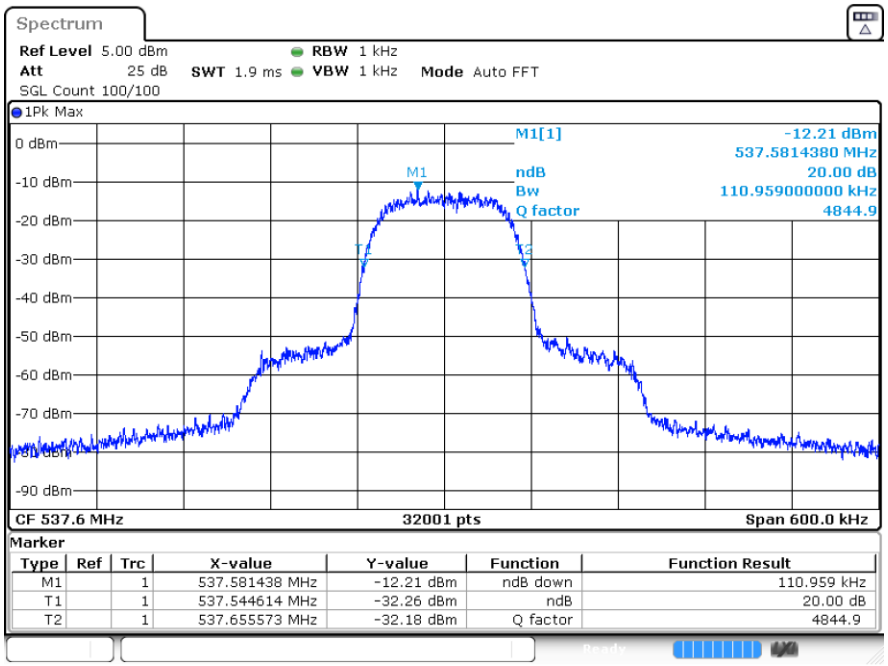
Date: 17.DEC.2024 20:03:26

Normal Voltage, -10°C, D2 mode, 662.950 MHz



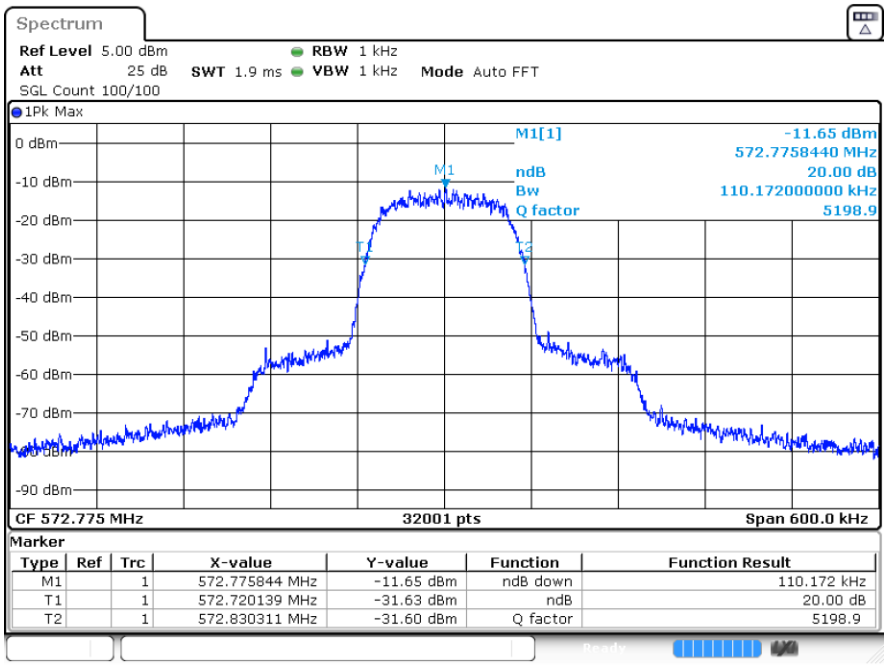
Date: 17.DEC.2024 20:12:24

Normal Voltage, -10°C, HDM mode, 537.600 MHz



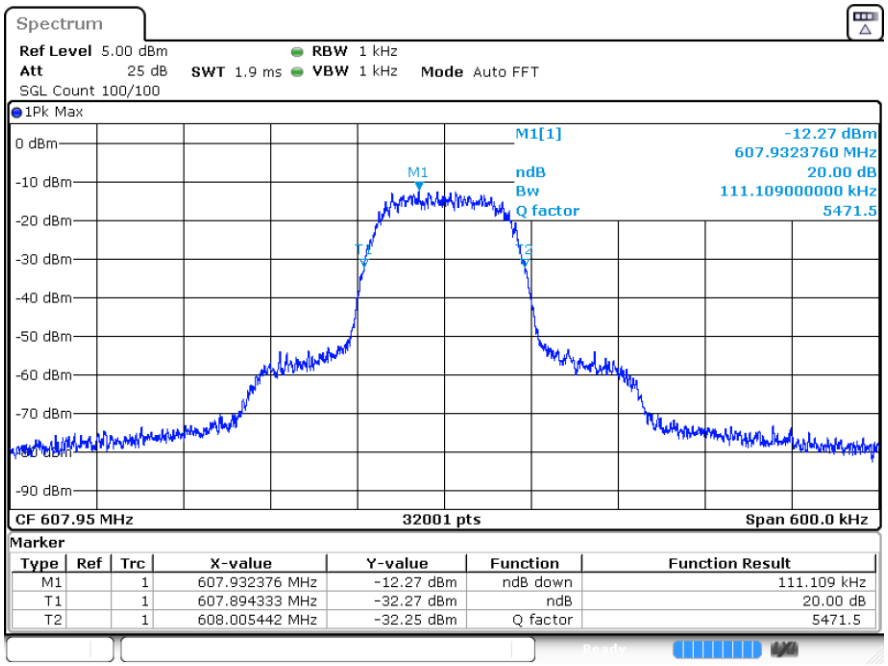
Date: 17.DEC.2024 21:31:52

Normal Voltage, -10°C, HDM mode, 572.775 MHz



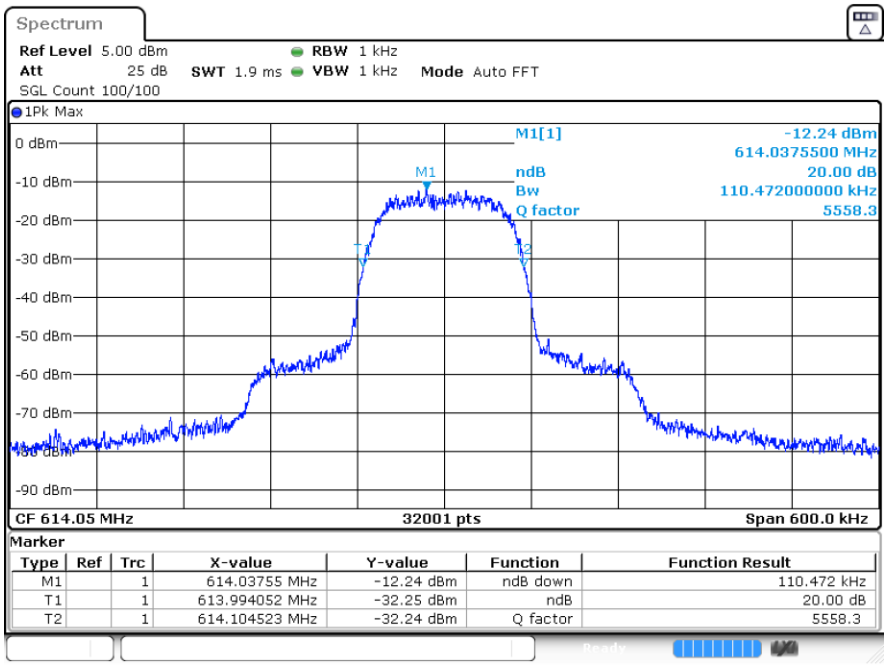
Date: 17.DEC.2024 21:35:13

Normal Voltage, -10°C, HDM mode, 607.950 MHz



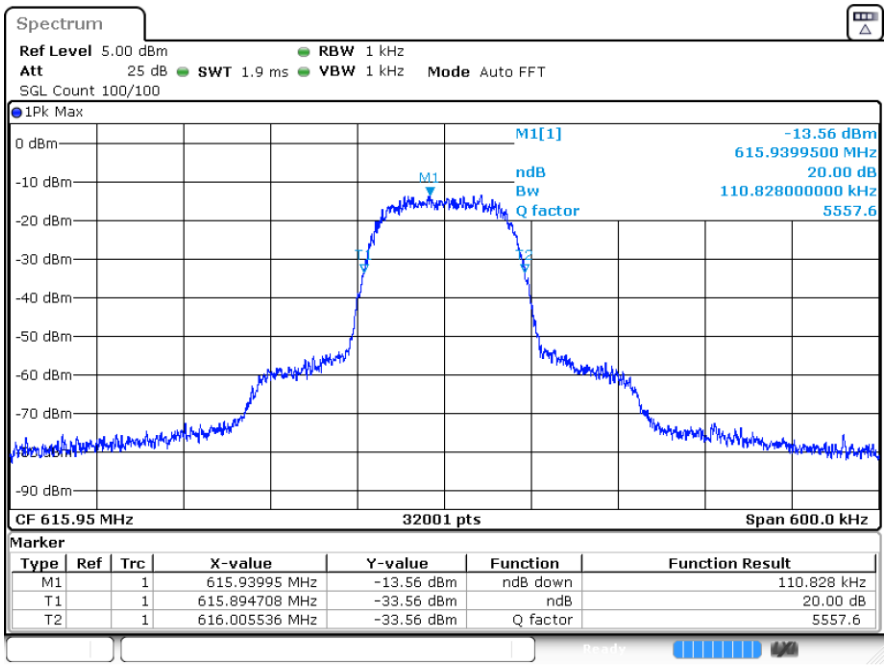
Date: 17.DEC.2024 21:10:25

Normal Voltage, -10°C, HDM mode, 614.050 MHz



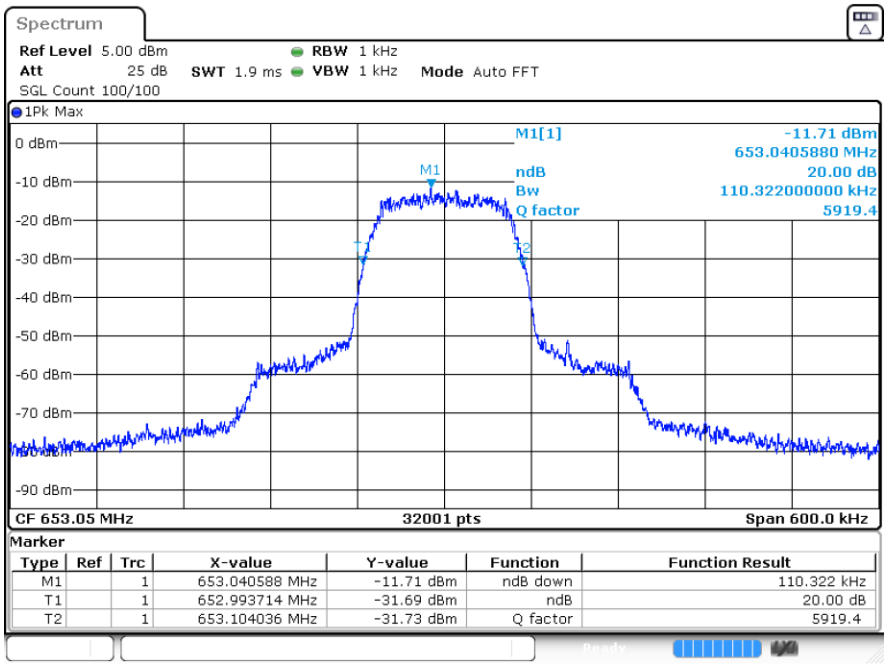
Date: 17.DEC.2024 21:11:44

Normal Voltage, -10°C, HDM mode, 615.950 MHz



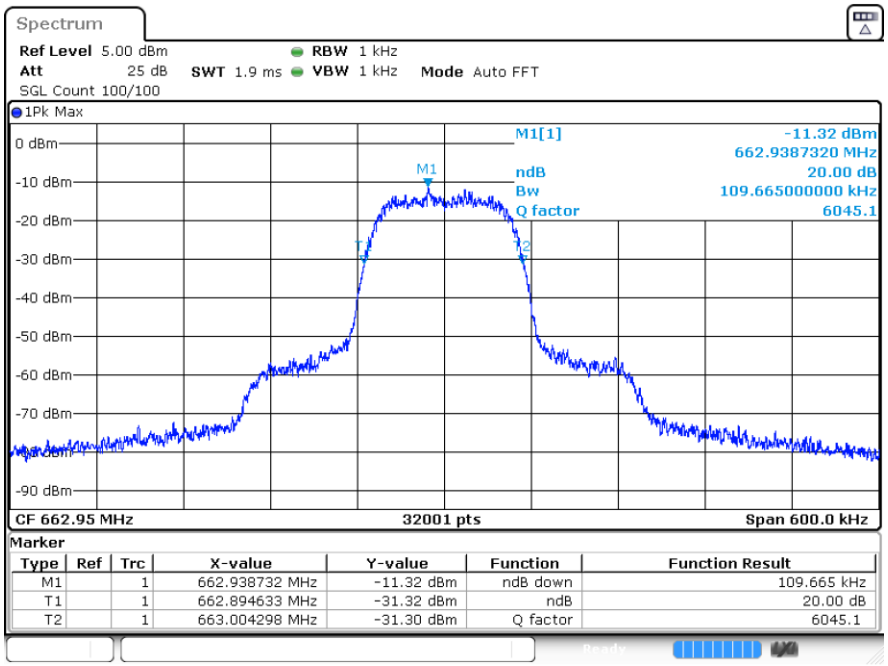
Date: 20.DEC.2024 21:43:23

Normal Voltage, -10°C, HDM mode, 653.050 MHz



Date: 17.DEC.2024 21:23:56

Normal Voltage, -10°C, HDM mode, 662.950 MHz



Date: 17.DEC.2024 21:27:35