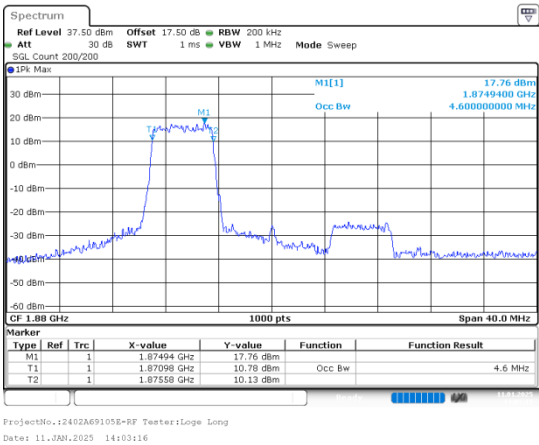
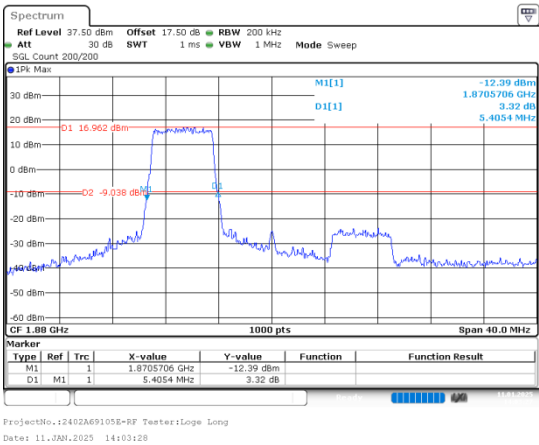


20MHz_Middle_16QAM_25@0

Occupied Bandwidth

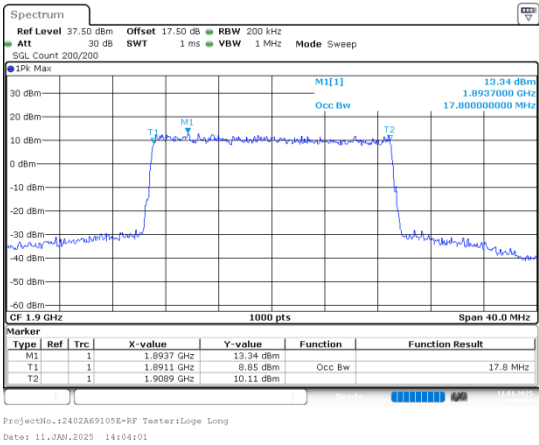


26dB Bandwidth

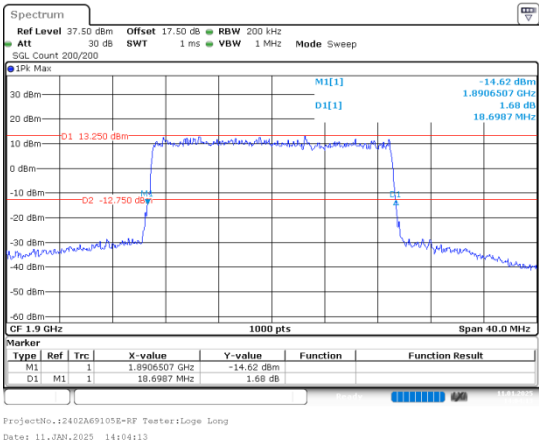


20MHz_High_QPSK_100@0

Occupied Bandwidth

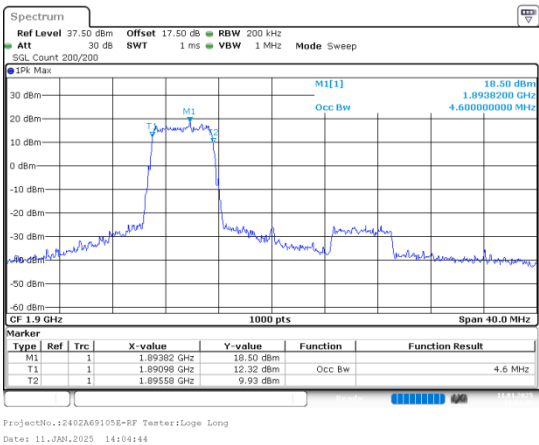


26dB Bandwidth

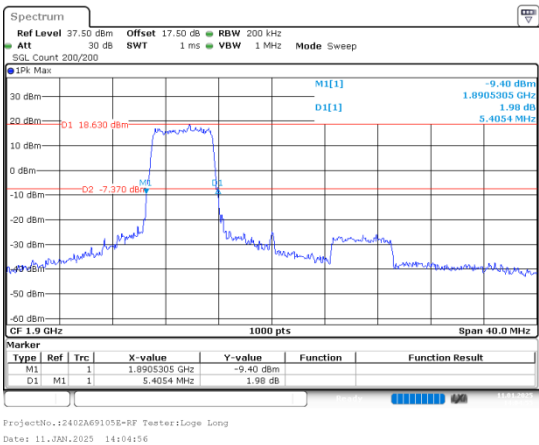


20MHz_High_16QAM_25@0

Occupied Bandwidth



26dB Bandwidth



FCC Part 27

B4 , Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.078	1.239
1.4MHz_Low_16QAM_6@0	1.084	1.270
1.4MHz_Middle_QPSK_6@0	1.089	1.253
1.4MHz_Middle_16QAM_6@0	1.081	1.270
1.4MHz_High_QPSK_6@0	1.078	1.225
1.4MHz_High_16QAM_6@0	1.084	1.264
3MHz_Low_QPSK_15@0	2.682	2.901
3MHz_Low_16QAM_15@0	2.682	2.907
3MHz_Middle_QPSK_15@0	2.688	2.883
3MHz_Middle_16QAM_15@0	2.694	2.895
3MHz_High_QPSK_15@0	2.682	2.913
3MHz_High_16QAM_15@0	2.676	2.877
5MHz_Low_QPSK_25@0	4.470	4.845
5MHz_Low_16QAM_25@0	4.470	4.795
5MHz_Middle_QPSK_25@0	4.480	4.855
5MHz_Middle_16QAM_25@0	4.490	4.875
5MHz_High_QPSK_25@0	4.470	4.825
5MHz_High_16QAM_25@0	4.460	4.785
10MHz_Low_QPSK_50@0	8.920	9.590
10MHz_Low_16QAM_25@0	4.500	5.125
10MHz_Middle_QPSK_50@0	8.920	9.449
10MHz_Middle_16QAM_25@0	4.520	5.085
10MHz_High_QPSK_50@0	8.940	9.470
10MHz_High_16QAM_25@0	4.500	5.125
15MHz_Low_QPSK_75@0	13.410	14.264
15MHz_Low_16QAM_25@0	4.620	5.405
15MHz_Middle_QPSK_75@0	13.410	14.324
15MHz_Middle_16QAM_25@0	4.590	5.315
15MHz_High_QPSK_75@0	13.410	14.354
15MHz_High_16QAM_25@0	4.680	5.526

Mode	99% OBW (MHz)	26dB BW (MHz)
20MHz_Low_QPSK_100@0	17.880	18.859
20MHz_Low_16QAM_25@0	4.600	5.365
20MHz_Middle_QPSK_100@0	17.920	18.859
20MHz_Middle_16QAM_25@0	4.600	5.285
20MHz_High_QPSK_100@0	17.840	18.779
20MHz_High_16QAM_25@0	4.640	5.445

B7 , Normal

Mode	99% OBW (MHz)	26dB BW (MHz)
5MHz_Low_QPSK_25@0	4.480	4.845
5MHz_Low_16QAM_25@0	4.470	4.855
5MHz_Middle_QPSK_25@0	4.460	4.795
5MHz_Middle_16QAM_25@0	4.460	4.865
5MHz_High_QPSK_25@0	4.470	4.875
5MHz_High_16QAM_25@0	4.470	4.825
10MHz_Low_QPSK_50@0	8.920	9.490
10MHz_Low_16QAM_25@0	4.520	4.985
10MHz_Middle_QPSK_50@0	8.940	9.570
10MHz_Middle_16QAM_25@0	4.500	5.125
10MHz_High_QPSK_50@0	8.940	9.510
10MHz_High_16QAM_25@0	4.520	5.025
15MHz_Low_QPSK_75@0	13.440	14.384
15MHz_Low_16QAM_25@0	4.620	5.345
15MHz_Middle_QPSK_75@0	13.380	14.324
15MHz_Middle_16QAM_25@0	4.620	5.435
15MHz_High_QPSK_75@0	13.410	14.234
15MHz_High_16QAM_25@0	4.590	5.315
20MHz_Low_QPSK_100@0	17.840	18.859
20MHz_Low_16QAM_25@0	4.640	5.365
20MHz_Middle_QPSK_100@0	17.840	18.819
20MHz_Middle_16QAM_25@0	4.600	5.285
20MHz_High_QPSK_100@0	17.840	18.819
20MHz_High_16QAM_25@0	4.680	5.405

B66 , Normal

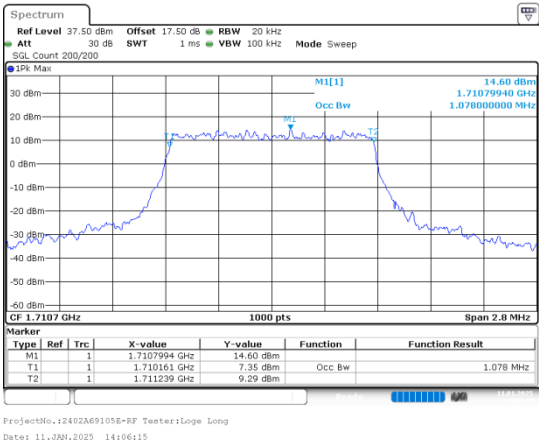
Mode	99% OBW (MHz)	26dB BW (MHz)
1.4MHz_Low_QPSK_6@0	1.084	1.270
1.4MHz_Low_16QAM_6@0	1.084	1.259
1.4MHz_Middle_QPSK_6@0	1.078	1.236
1.4MHz_Middle_16QAM_6@0	1.086	1.244
1.4MHz_High_QPSK_6@0	1.078	1.228
1.4MHz_High_16QAM_6@0	1.089	1.278
3MHz_Low_QPSK_15@0	2.676	2.913
3MHz_Low_16QAM_15@0	2.682	2.907
3MHz_Middle_QPSK_15@0	2.676	2.883
3MHz_Middle_16QAM_15@0	2.688	2.907
3MHz_High_QPSK_15@0	2.688	2.889
3MHz_High_16QAM_15@0	2.682	2.913
5MHz_Low_QPSK_25@0	4.470	4.825
5MHz_Low_16QAM_25@0	4.460	4.855
5MHz_Middle_QPSK_25@0	4.470	4.815
5MHz_Middle_16QAM_25@0	4.470	4.785
5MHz_High_QPSK_25@0	4.470	4.845
5MHz_High_16QAM_25@0	4.470	4.895
10MHz_Low_QPSK_50@0	8.920	9.510
10MHz_Low_16QAM_25@0	4.520	5.145
10MHz_Middle_QPSK_50@0	8.920	9.550
10MHz_Middle_16QAM_25@0	4.540	5.105
10MHz_High_QPSK_50@0	8.940	9.630
10MHz_High_16QAM_25@0	4.500	5.125
15MHz_Low_QPSK_75@0	13.380	14.264
15MHz_Low_16QAM_25@0	4.590	5.375
15MHz_Middle_QPSK_75@0	13.410	14.294
15MHz_Middle_16QAM_25@0	4.590	5.345
15MHz_High_QPSK_75@0	13.440	14.204
15MHz_High_16QAM_25@0	4.620	5.435
20MHz_Low_QPSK_100@0	17.840	18.699
20MHz_Low_16QAM_25@0	4.600	5.285
20MHz_Middle_QPSK_100@0	17.840	18.819

Mode	99% OBW (MHz)	26dB BW (MHz)
20MHz_Middle_16QAM_25@0	4.640	5.285
20MHz_High_QPSK_100@0	17.800	18.739
20MHz_High_16QAM_25@0	4.640	5.445

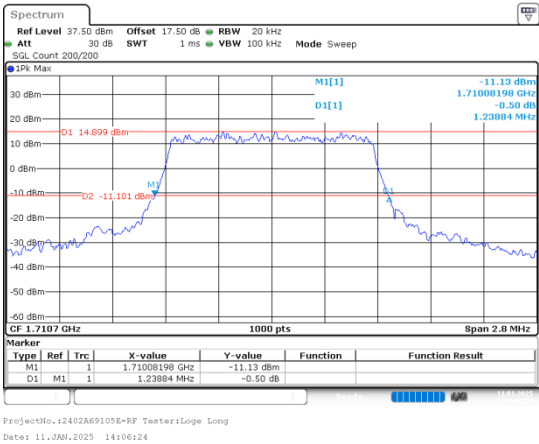
B4 , Normal

1.4MHz_Low_QPSK_6@0

Occupied Bandwidth

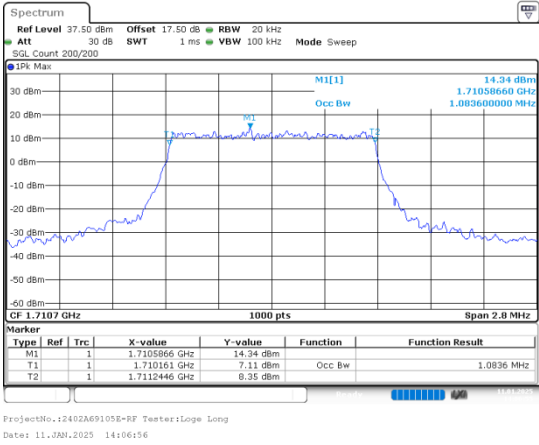


26dB Bandwidth

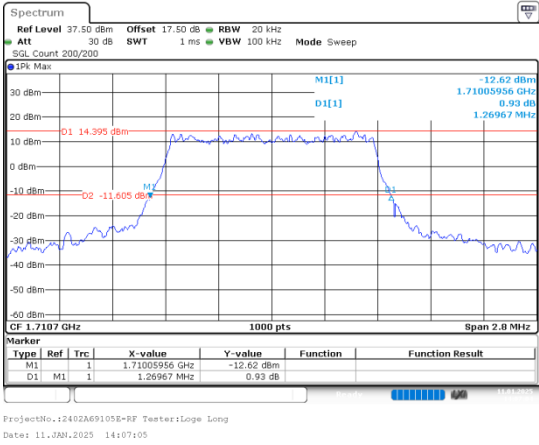


1.4MHz_Low_16QAM_6@0

Occupied Bandwidth

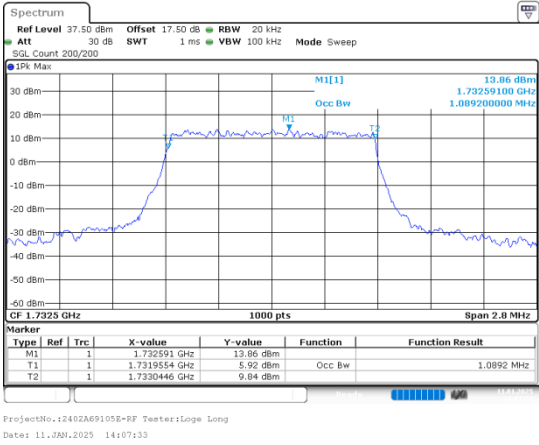


26dB Bandwidth

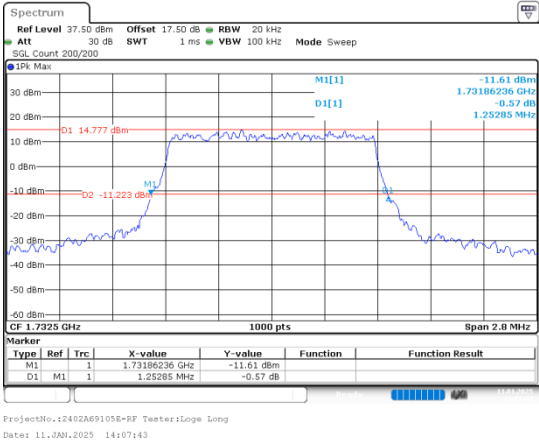


1.4MHz_Middle_QPSK_6@0

Occupied Bandwidth

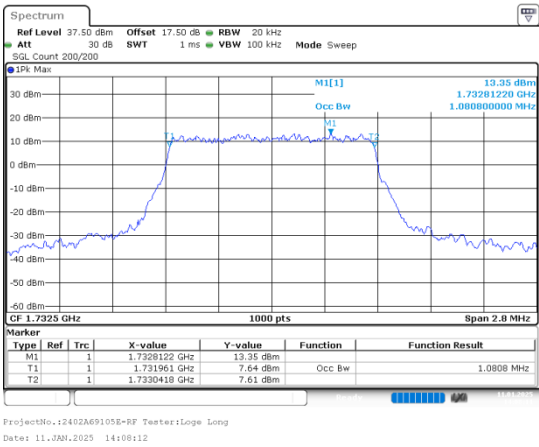


26dB Bandwidth

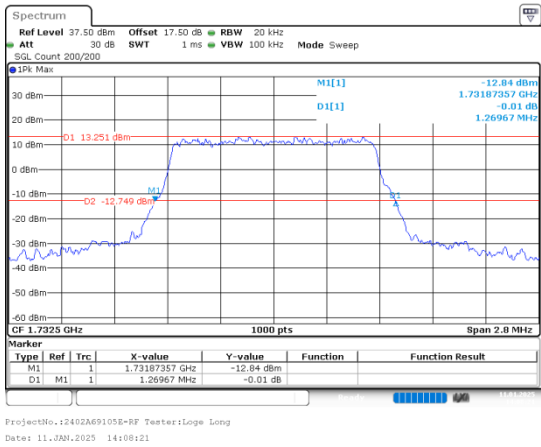


1.4MHz_Middle_16QAM_6@0

Occupied Bandwidth

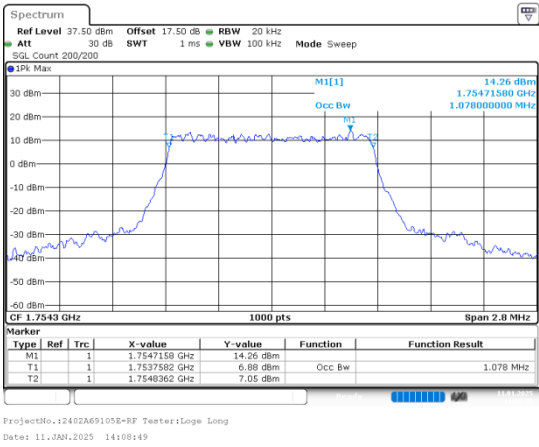


26dB Bandwidth

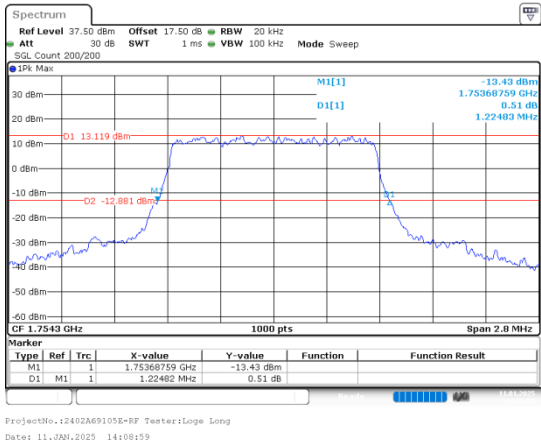


1.4MHz_High_QPSK_6@0

Occupied Bandwidth

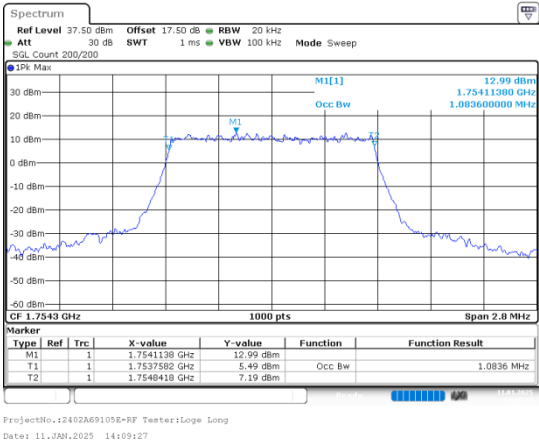


26dB Bandwidth

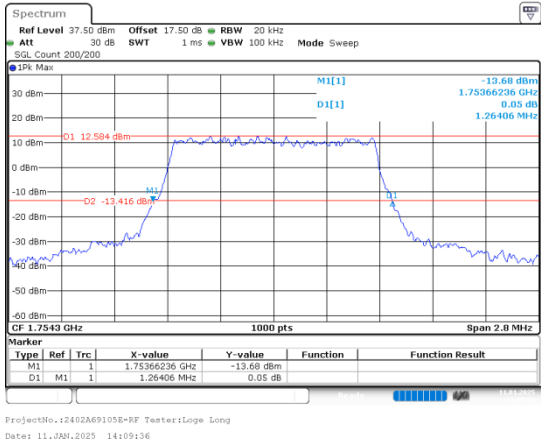


1.4MHz_High_16QAM_6@0

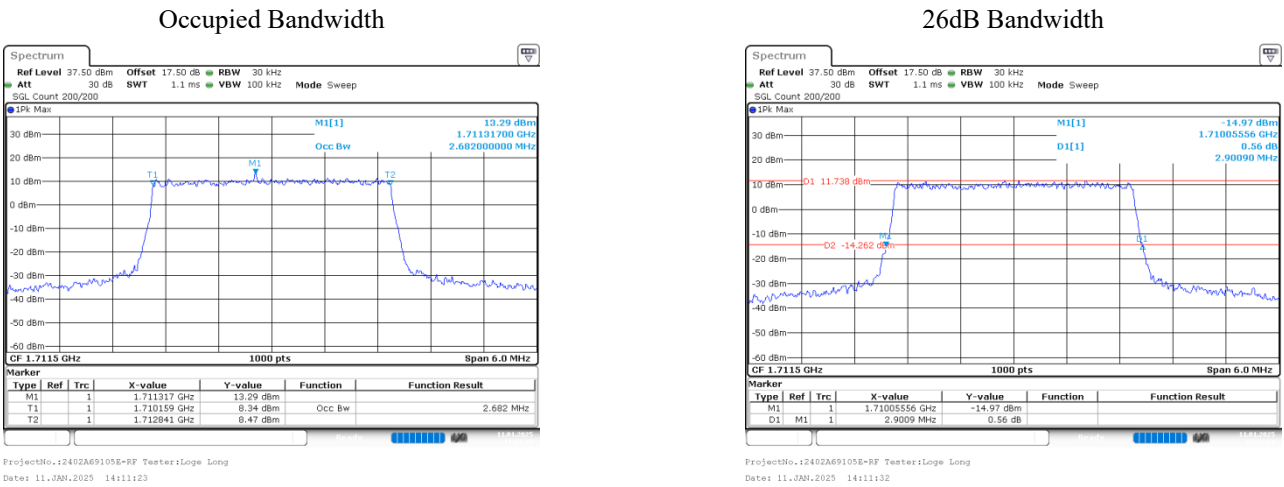
Occupied Bandwidth



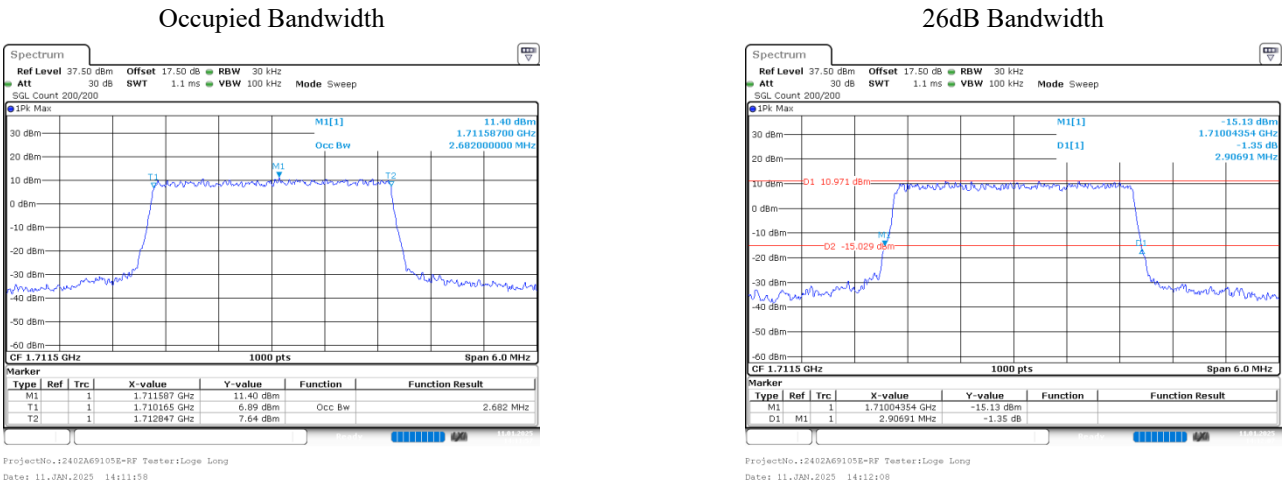
26dB Bandwidth



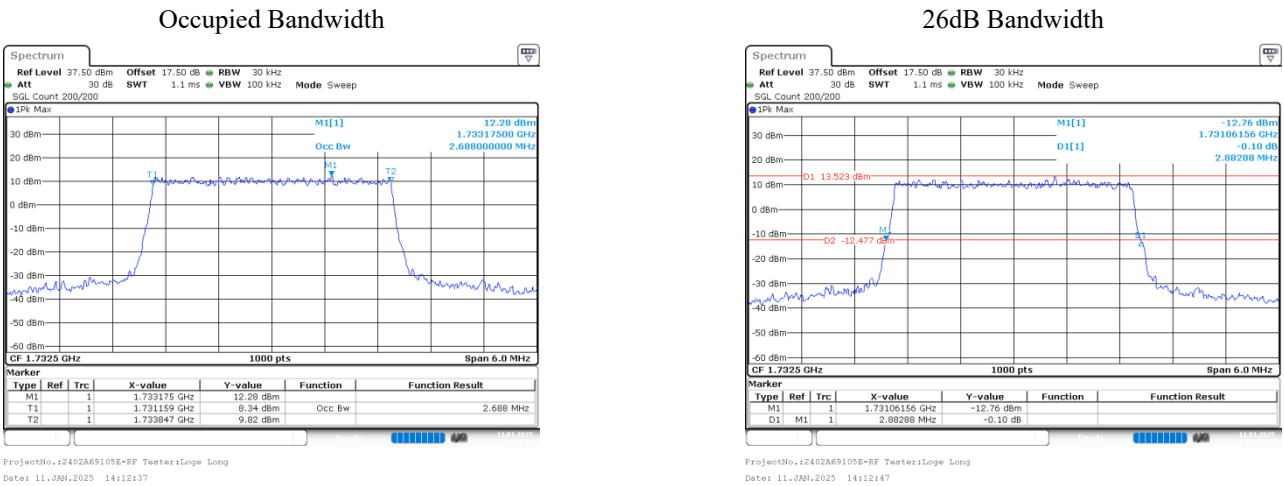
3MHz_Low_QPSK_15@0



3MHz_Low_16QAM_15@0

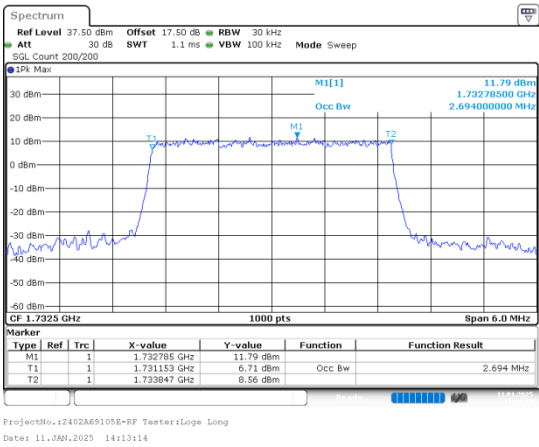


3MHz_Middle_QPSK_15@0

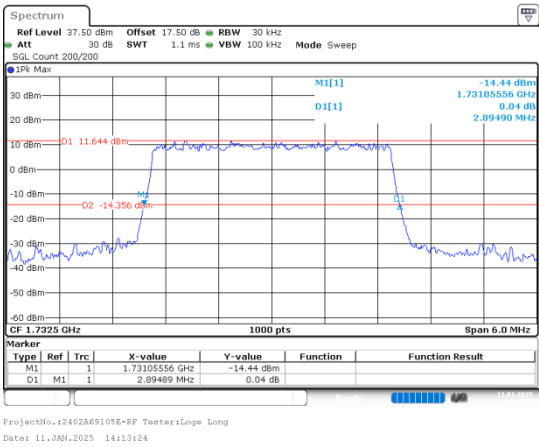


3MHz_Middle_16QAM_15@0

Occupied Bandwidth

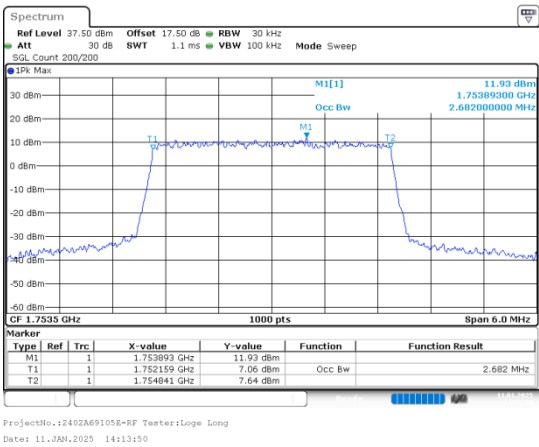


26dB Bandwidth

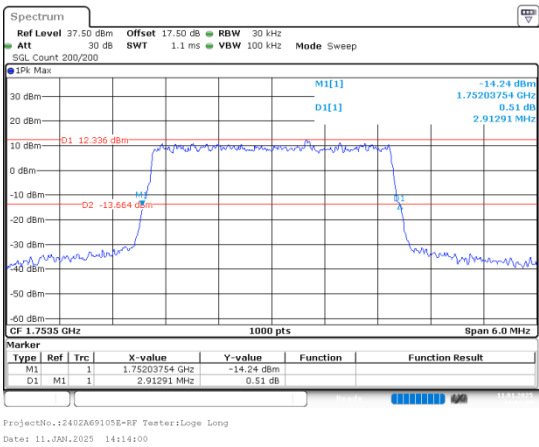


3MHz_High_QPSK_15@0

Occupied Bandwidth

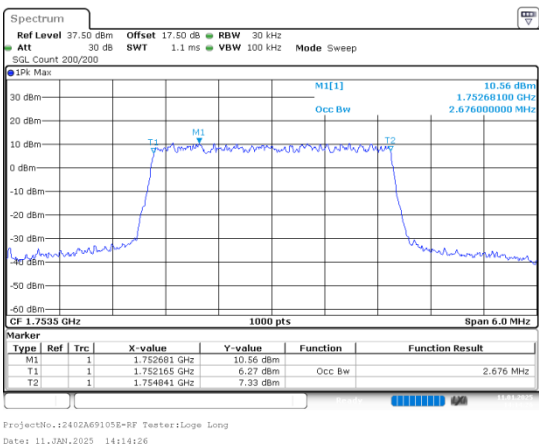


26dB Bandwidth

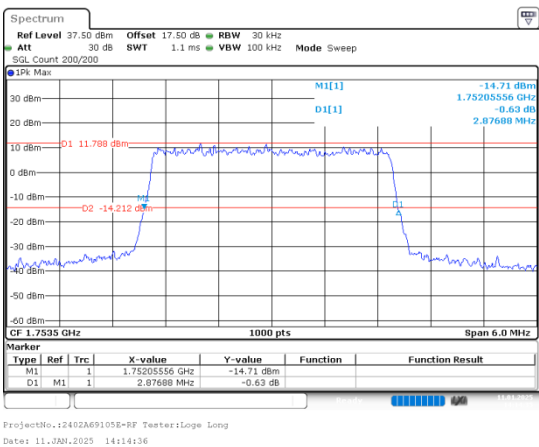


3MHz_High_16QAM_15@0

Occupied Bandwidth

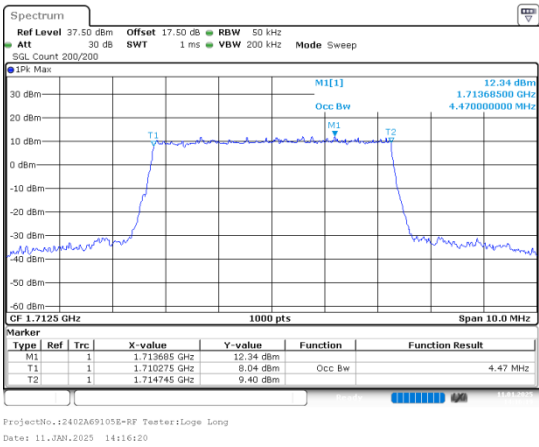


26dB Bandwidth

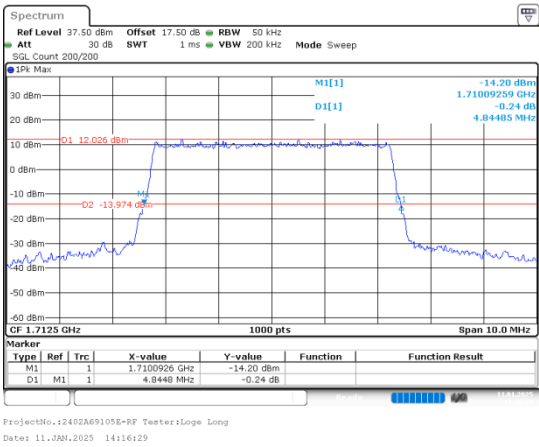


5MHz_Low_QPSK_25@0

Occupied Bandwidth

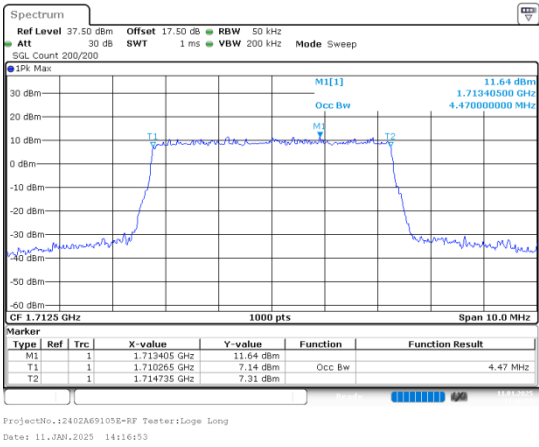


26dB Bandwidth

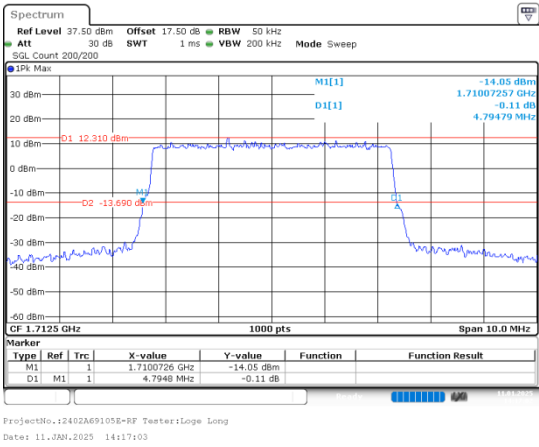


5MHz_Low_16QAM_25@0

Occupied Bandwidth

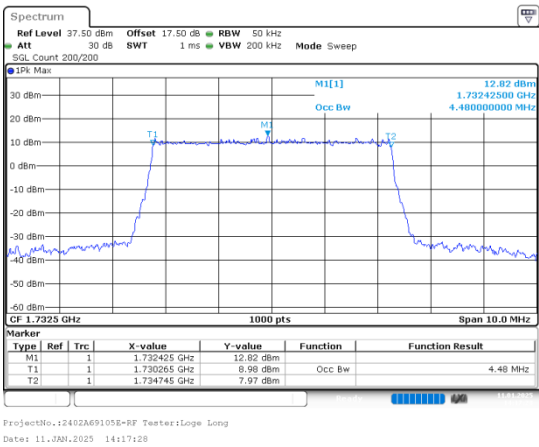


26dB Bandwidth

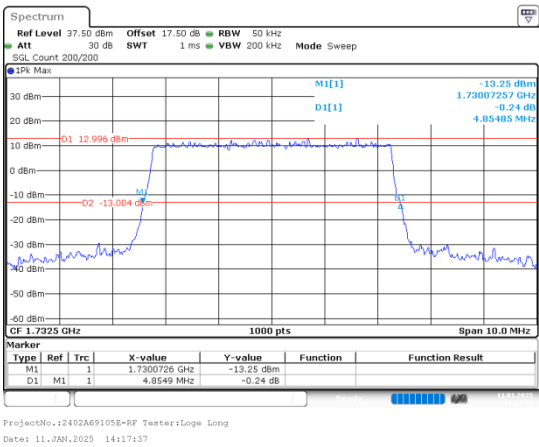


5MHz_Middle_QPSK_25@0

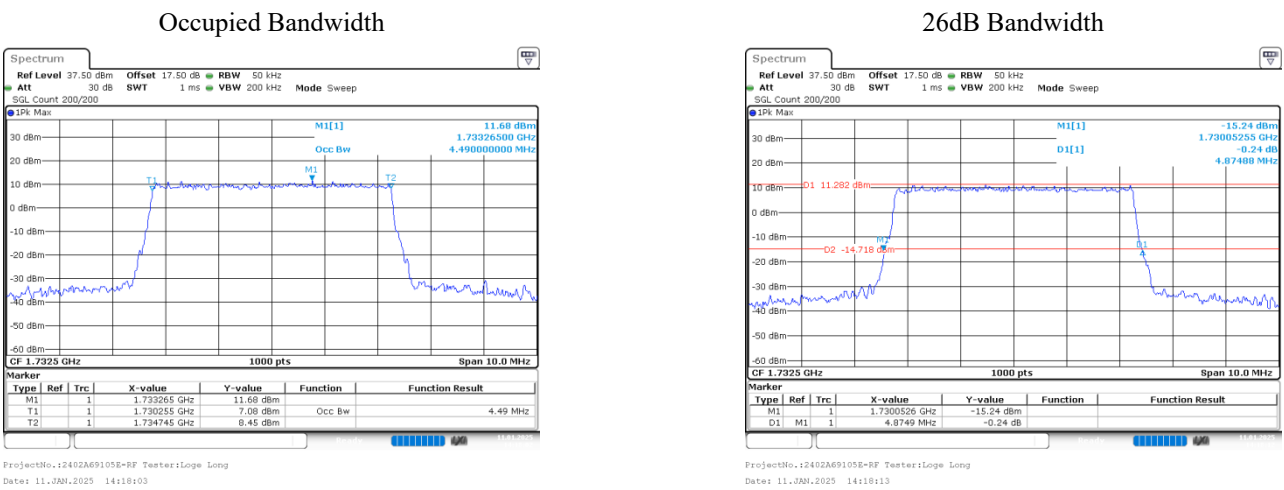
Occupied Bandwidth



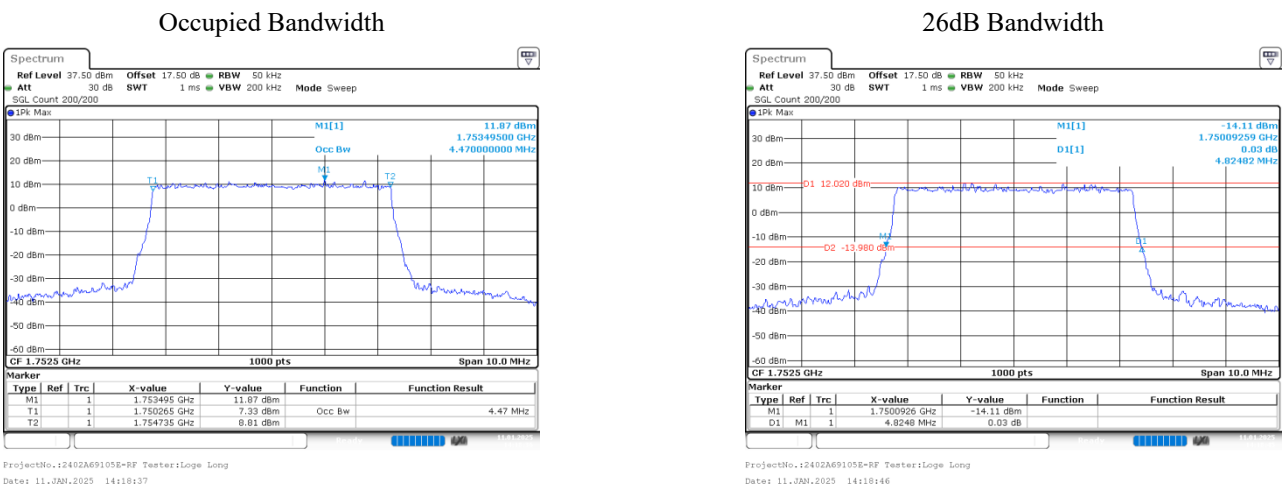
26dB Bandwidth



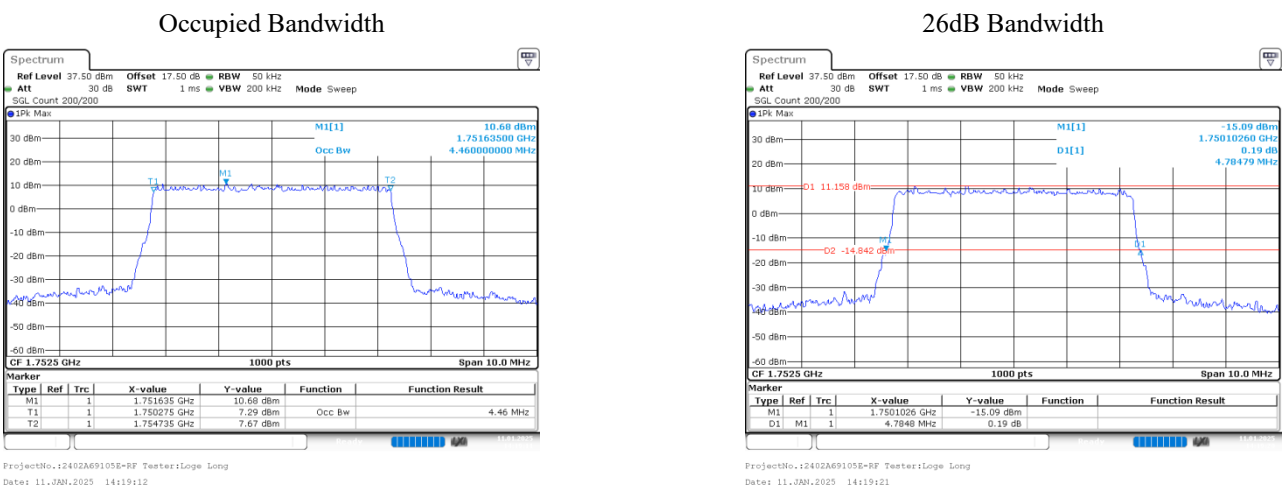
5MHz_Middle_16QAM_25@0



5MHz_High_QPSK_25@0

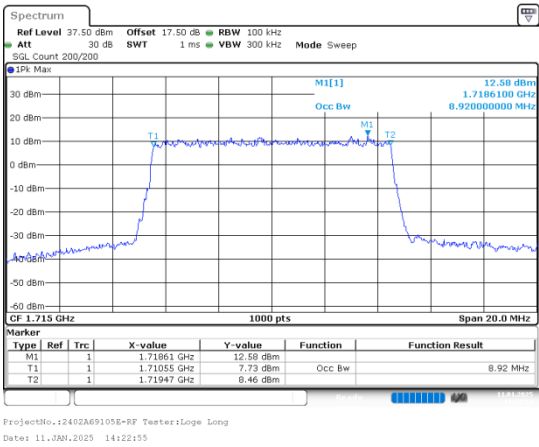


5MHz_High_16QAM_25@0

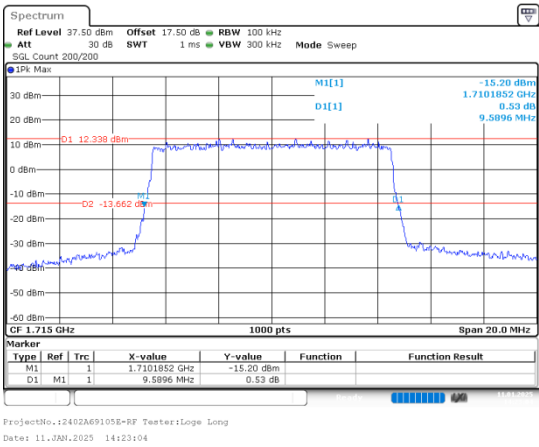


10MHz_Low_QPSK_50@0

Occupied Bandwidth

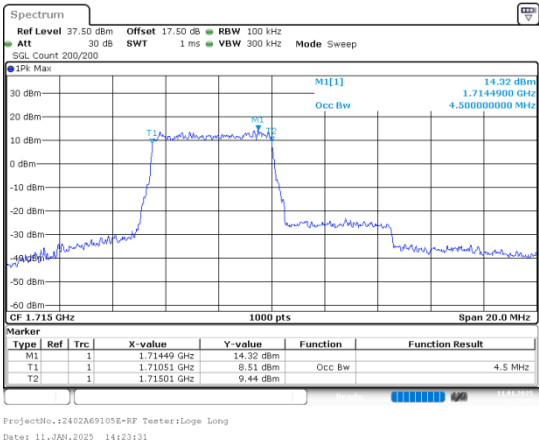


26dB Bandwidth

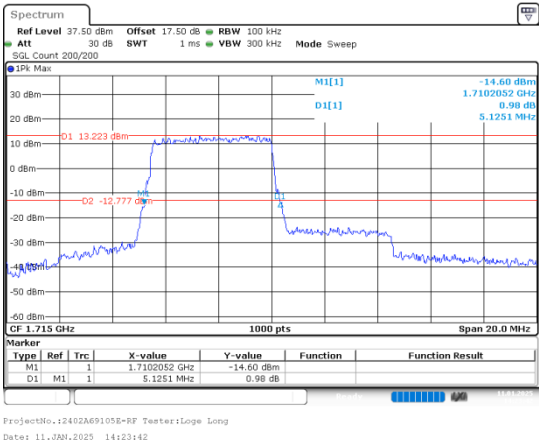


10MHz_Low_16QAM_25@0

Occupied Bandwidth

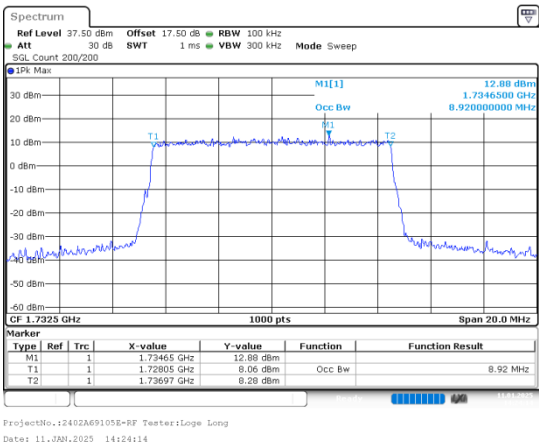


26dB Bandwidth

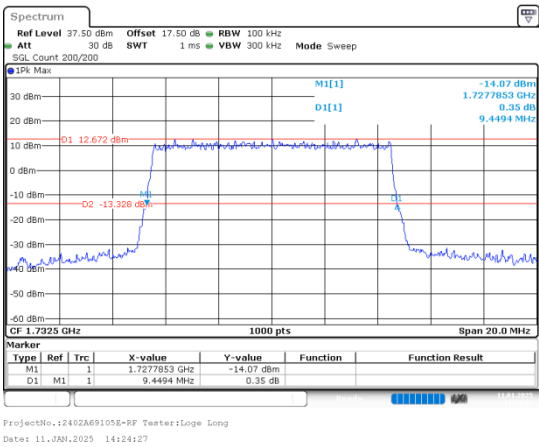


10MHz_Middle_QPSK_50@0

Occupied Bandwidth

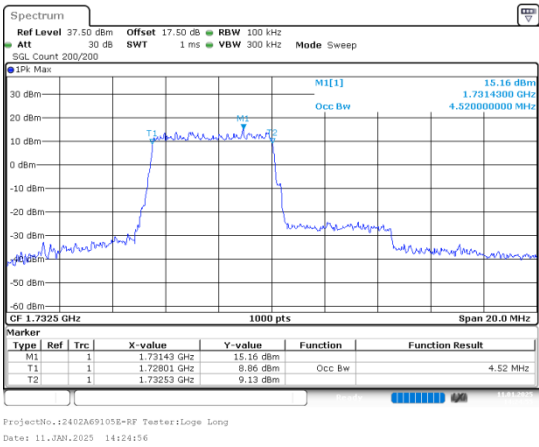


26dB Bandwidth

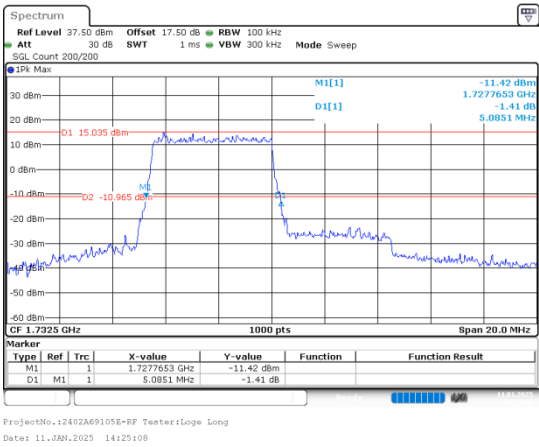


10MHz_Middle_16QAM_25@0

Occupied Bandwidth

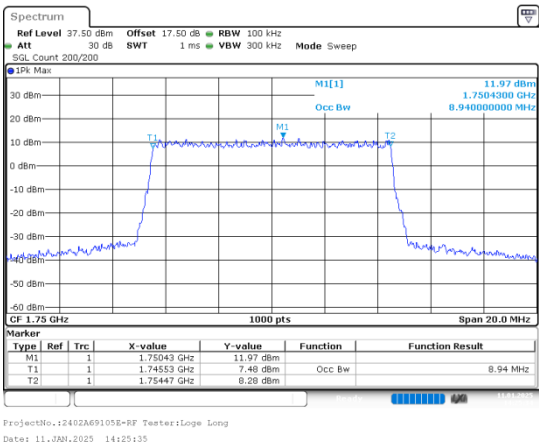


26dB Bandwidth

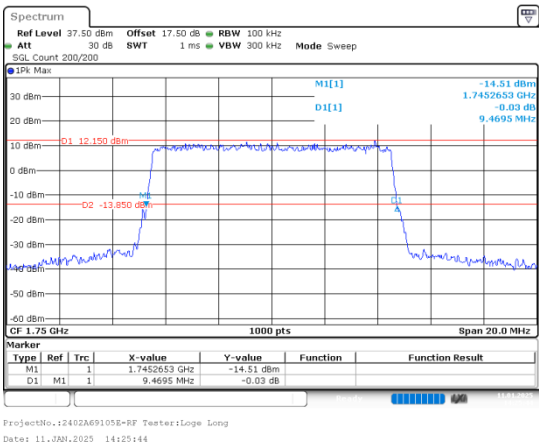


10MHz_High_QPSK_50@0

Occupied Bandwidth

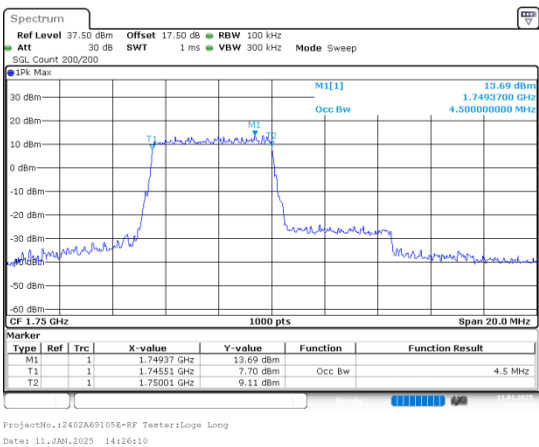


26dB Bandwidth

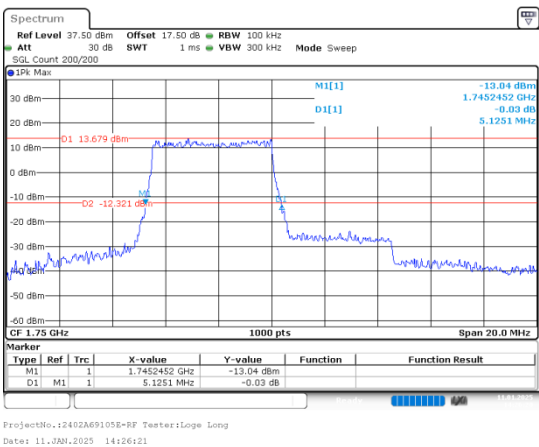


10MHz_High_16QAM_25@0

Occupied Bandwidth

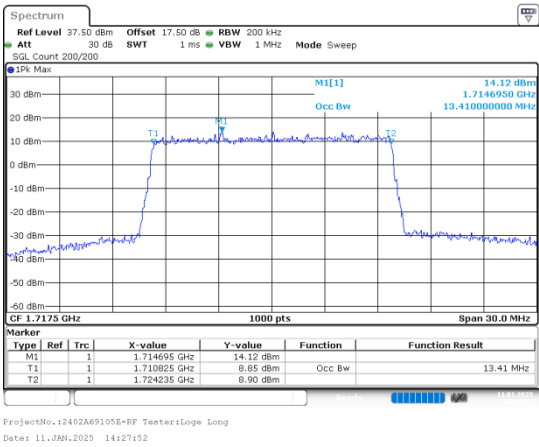


26dB Bandwidth

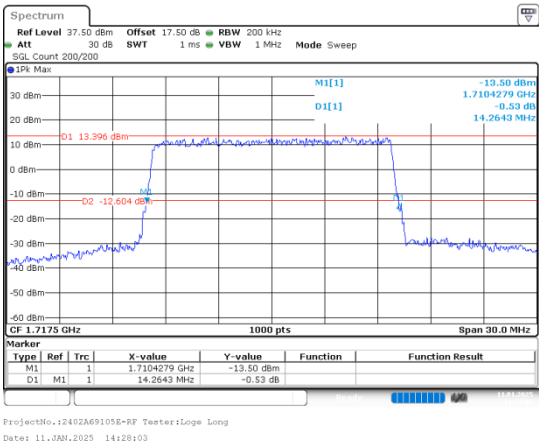


15MHz_Low_QPSK_75@0

Occupied Bandwidth

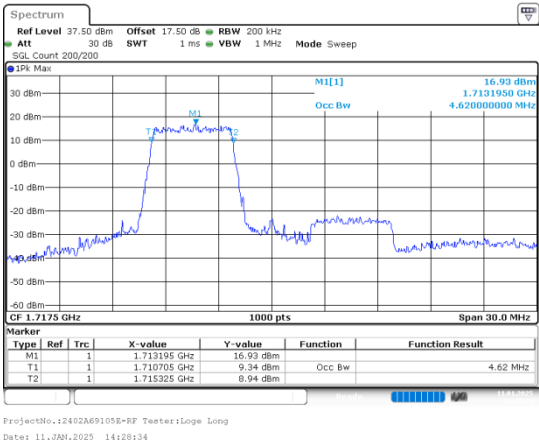


26dB Bandwidth

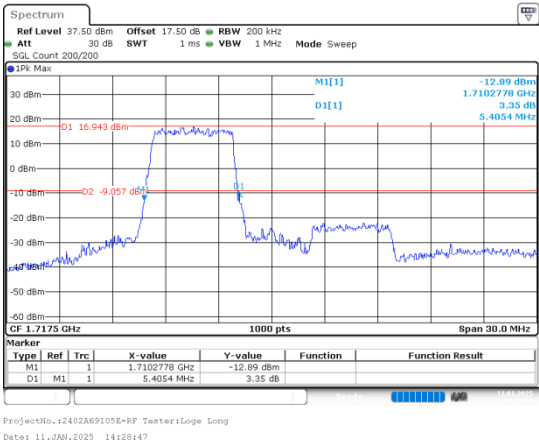


15MHz_Low_16QAM_25@0

Occupied Bandwidth

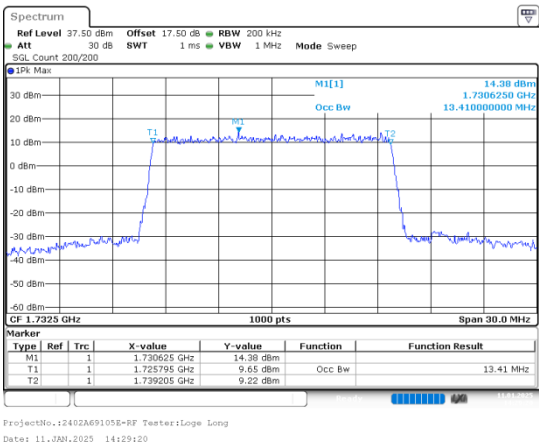


26dB Bandwidth

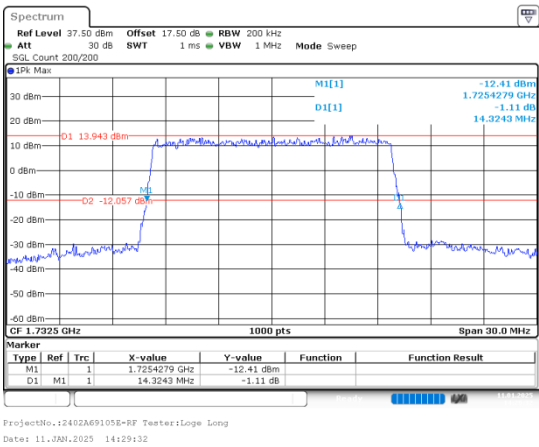


15MHz_Middle_QPSK_75@0

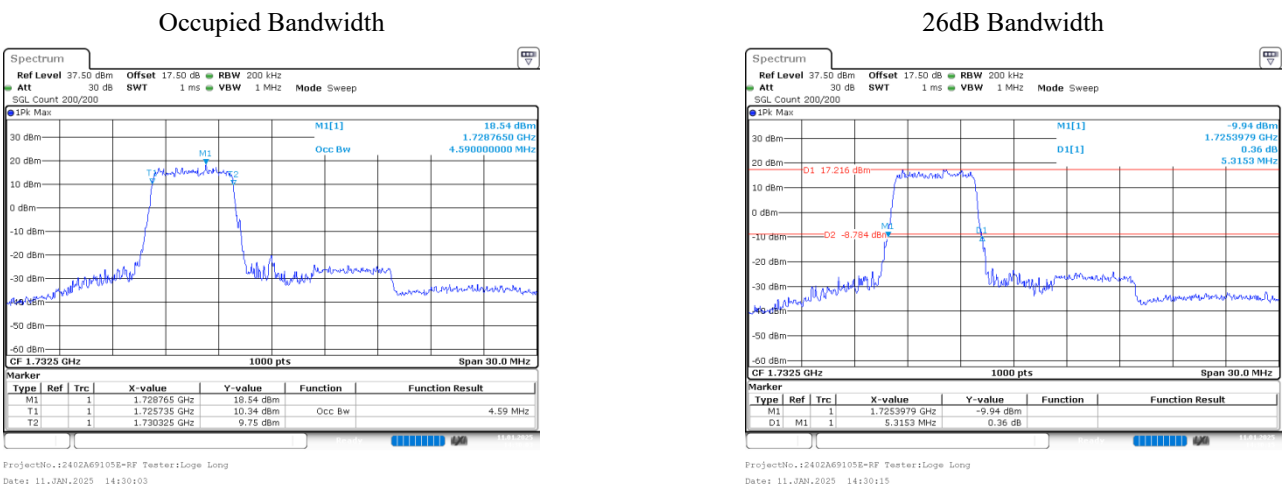
Occupied Bandwidth



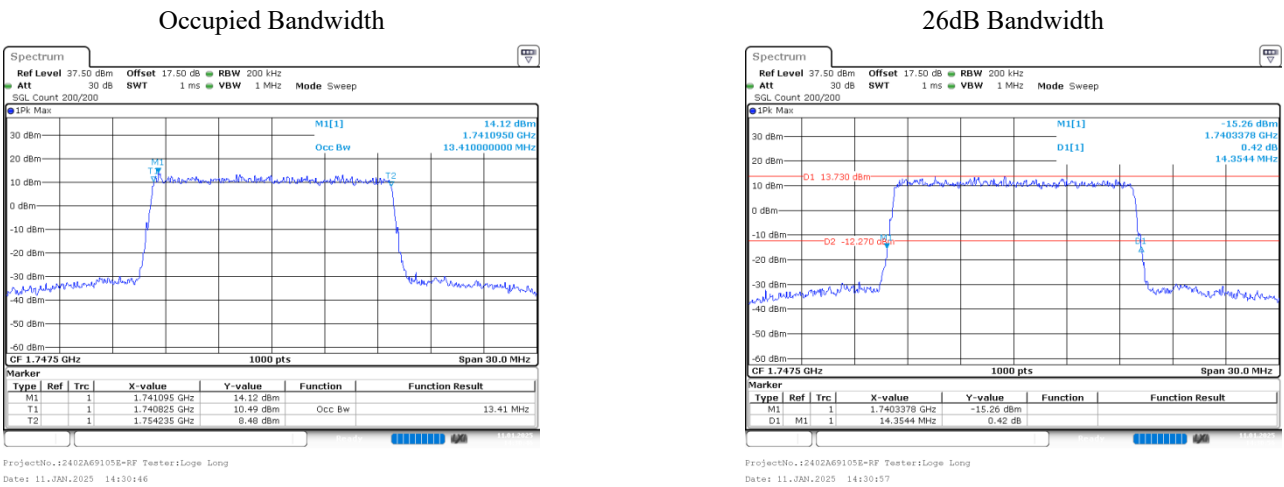
26dB Bandwidth



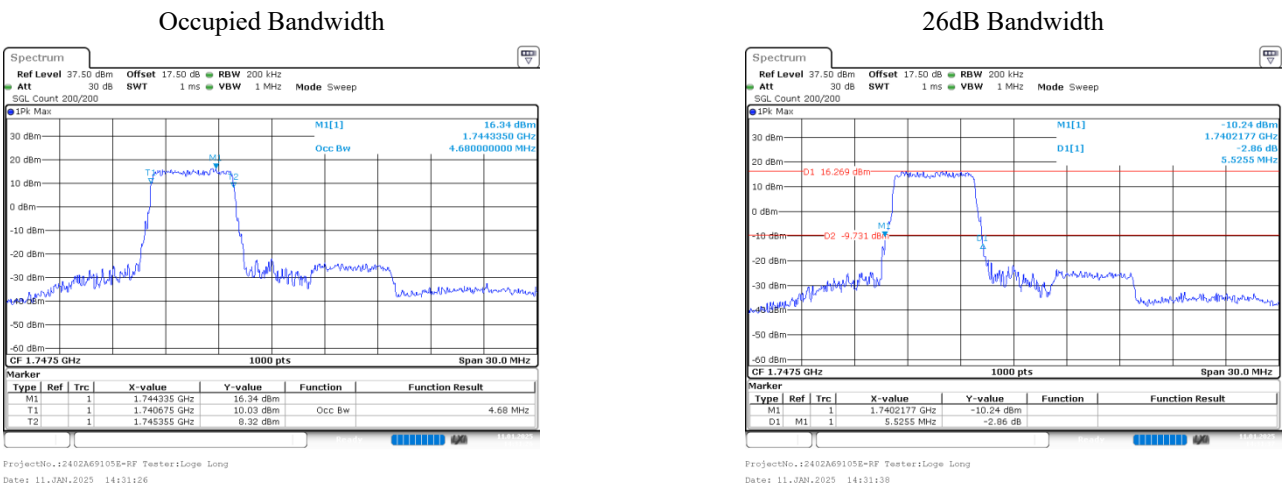
15MHz_Middle_16QAM_25@0



15MHz_High_QPSK_75@0

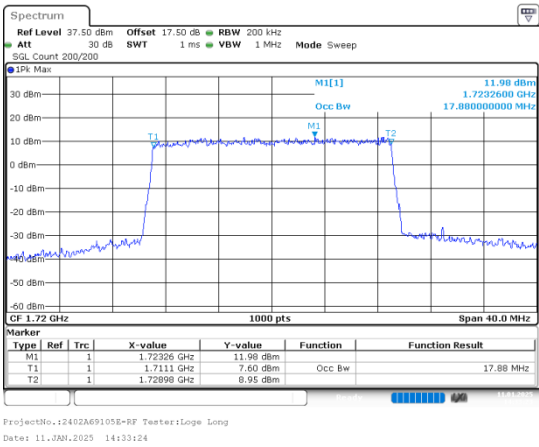


15MHz_High_16QAM_25@0

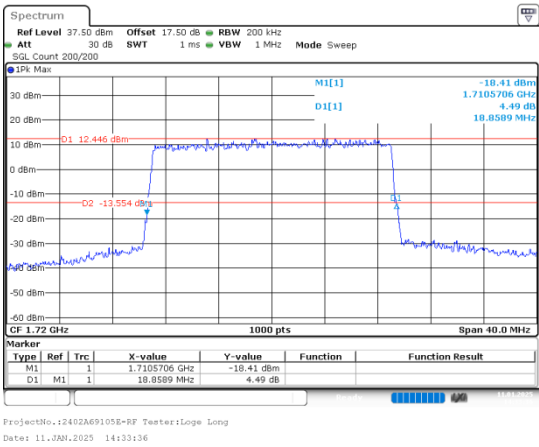


20MHz_Low_QPSK_100@0

Occupied Bandwidth

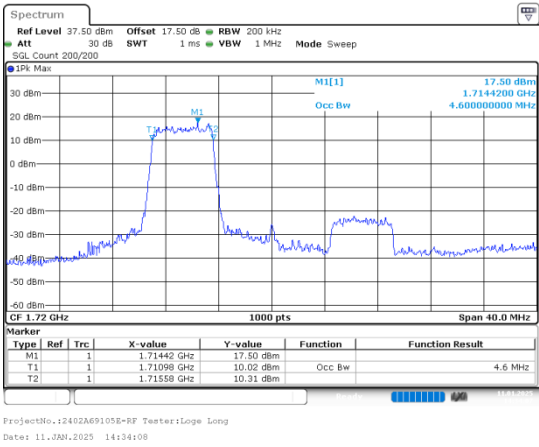


26dB Bandwidth

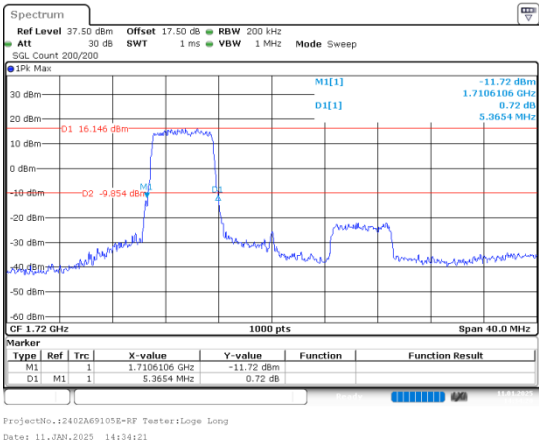


20MHz_Low_16QAM_25@0

Occupied Bandwidth

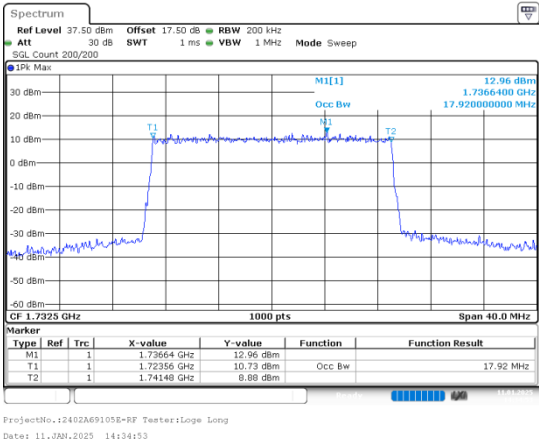


26dB Bandwidth

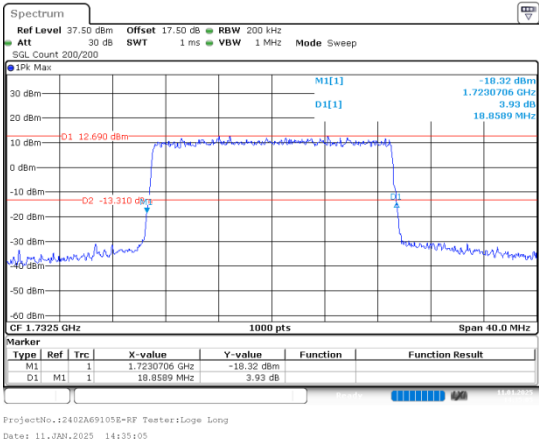


20MHz_Middle_QPSK_100@0

Occupied Bandwidth

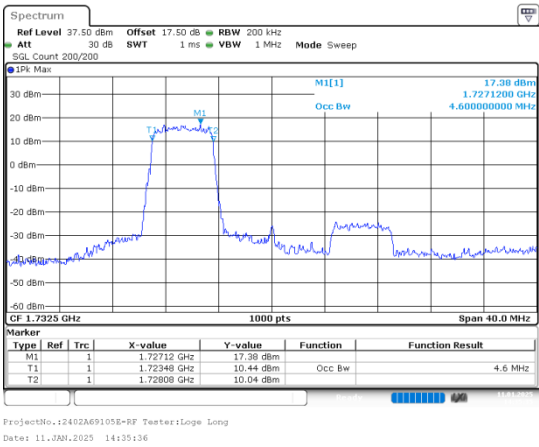


26dB Bandwidth

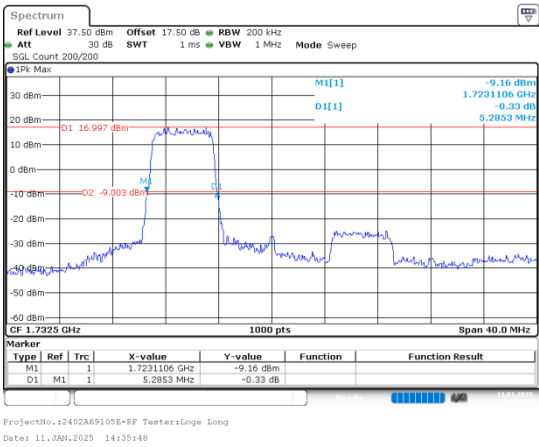


20MHz_Middle_16QAM_25@0

Occupied Bandwidth

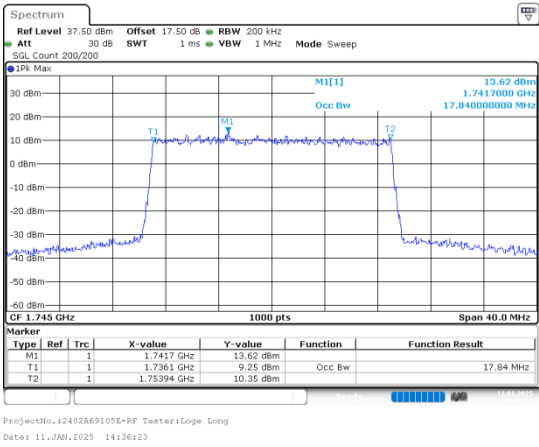


26dB Bandwidth

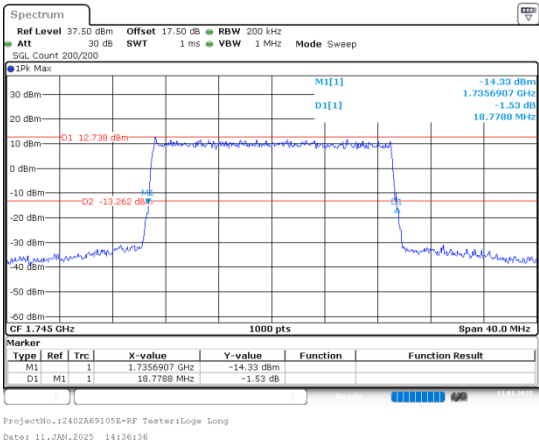


20MHz_High_QPSK_100@0

Occupied Bandwidth

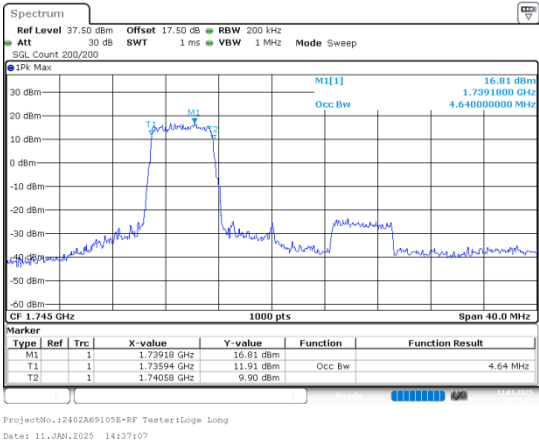


26dB Bandwidth

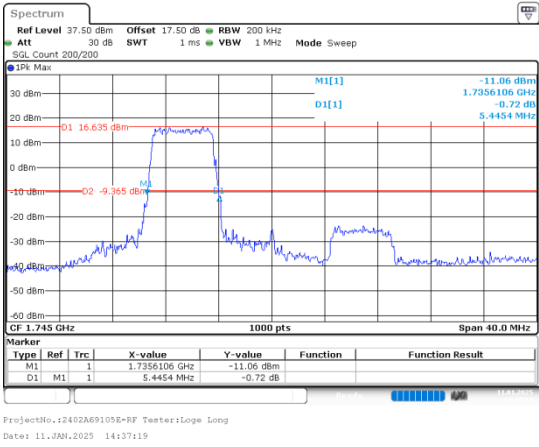


20MHz_High_16QAM_25@0

Occupied Bandwidth



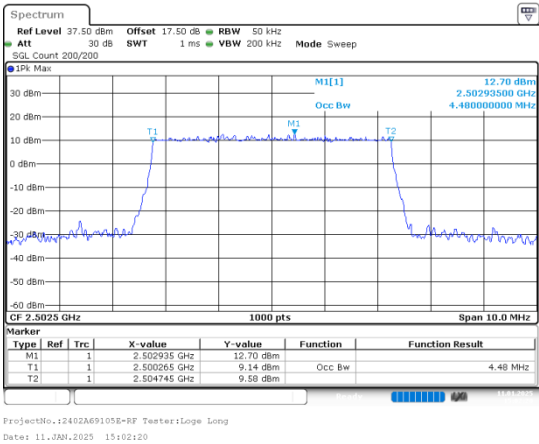
26dB Bandwidth



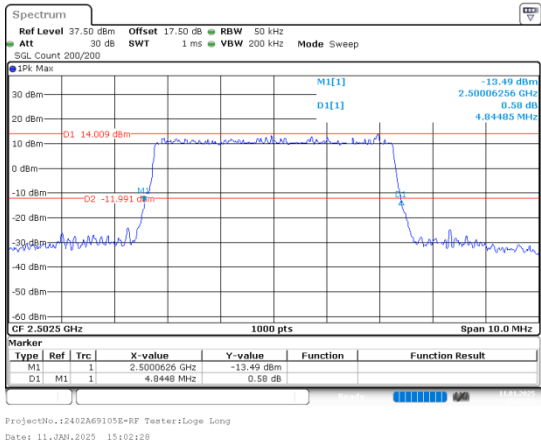
B7 , Normal

5MHz_Low_QPSK_25@0

Occupied Bandwidth

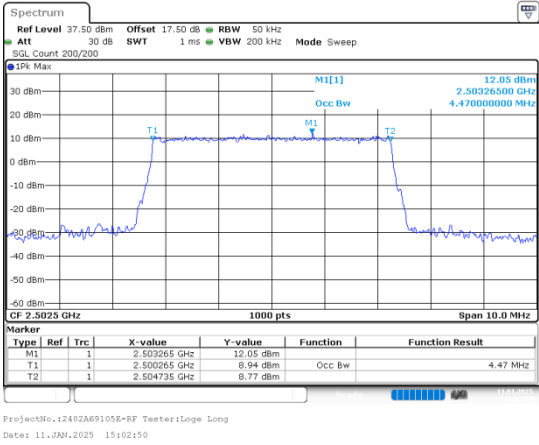


26dB Bandwidth

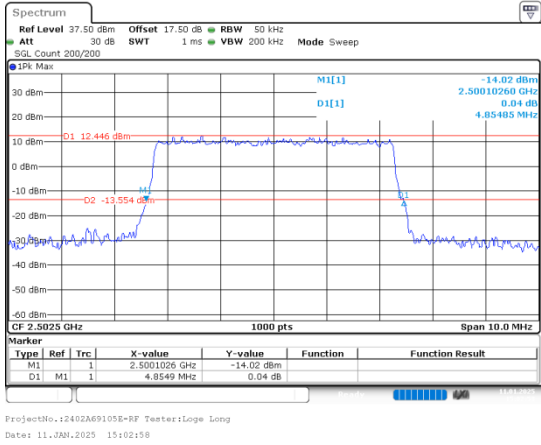


5MHz_Low_16QAM_25@0

Occupied Bandwidth

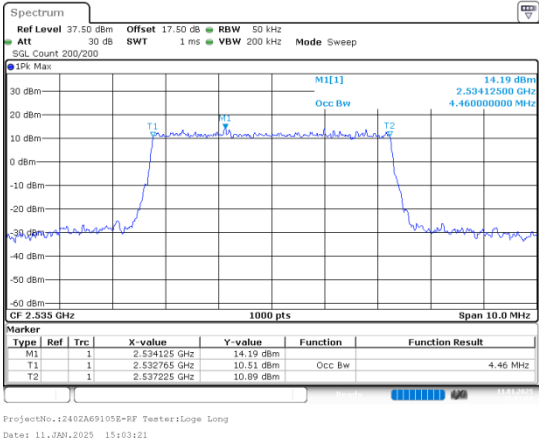


26dB Bandwidth

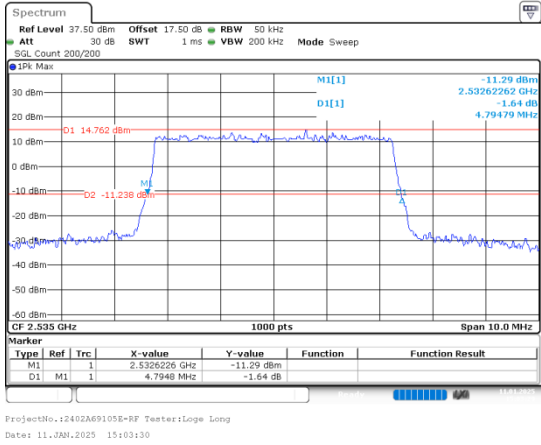


5MHz_Middle_QPSK_25@0

Occupied Bandwidth

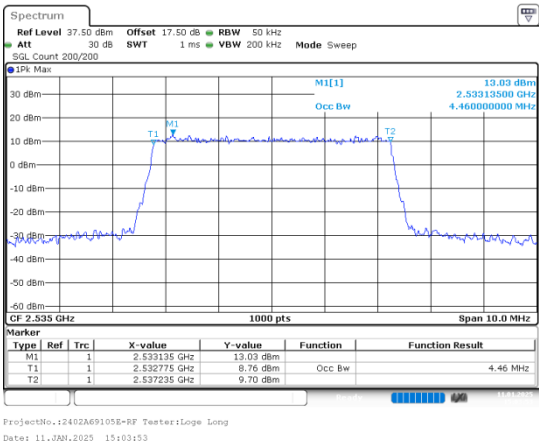


26dB Bandwidth

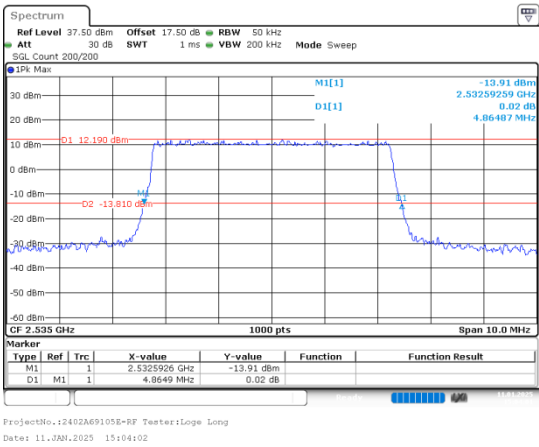


5MHz_Middle_16QAM_25@0

Occupied Bandwidth

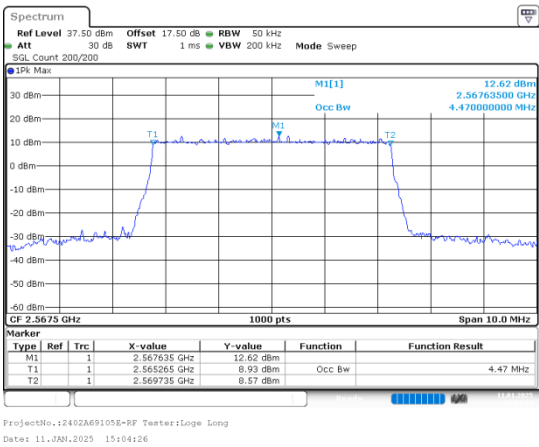


26dB Bandwidth

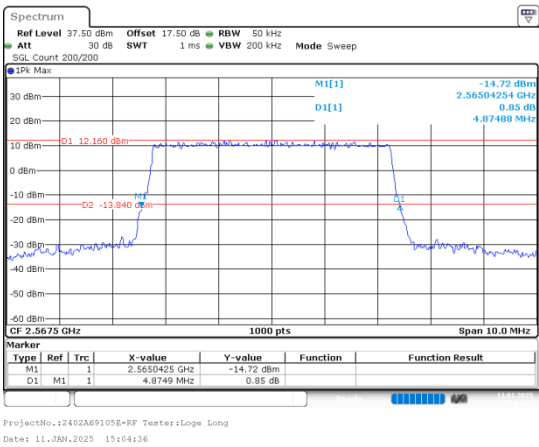


5MHz_High_QPSK_25@0

Occupied Bandwidth

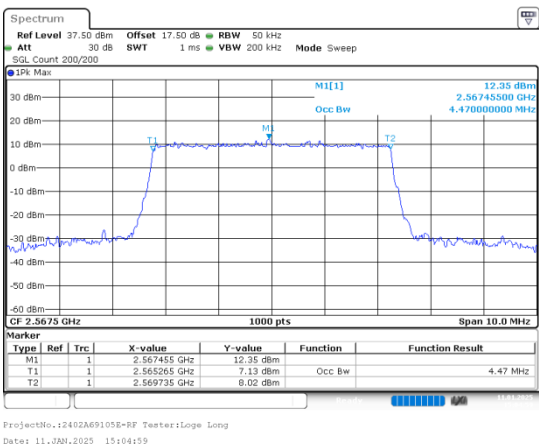


26dB Bandwidth

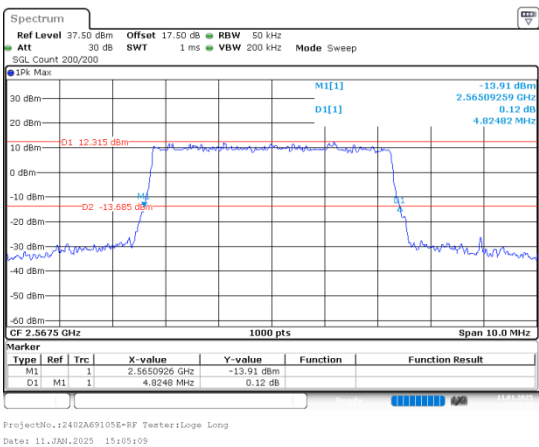


5MHz_High_16QAM_25@0

Occupied Bandwidth

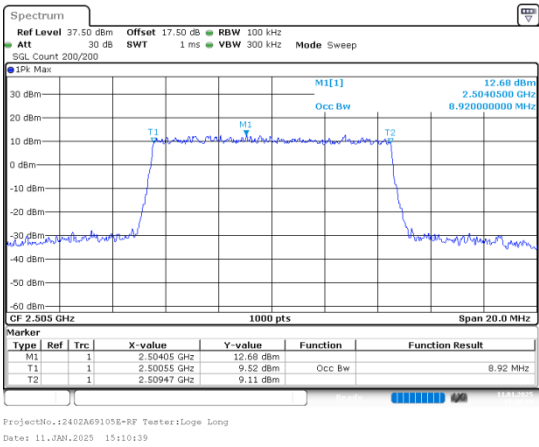


26dB Bandwidth

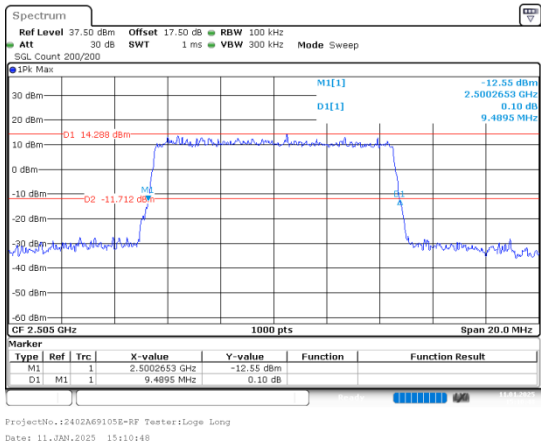


10MHz_Low_QPSK_50@0

Occupied Bandwidth

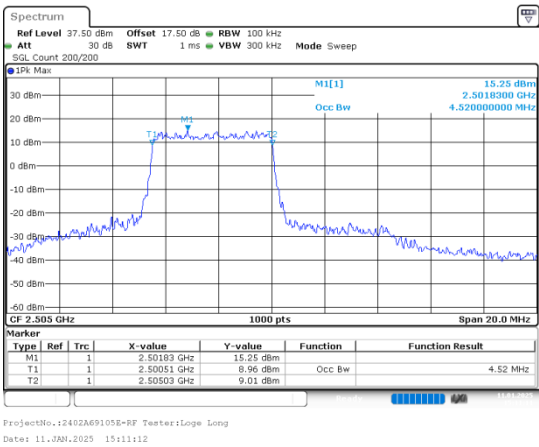


26dB Bandwidth

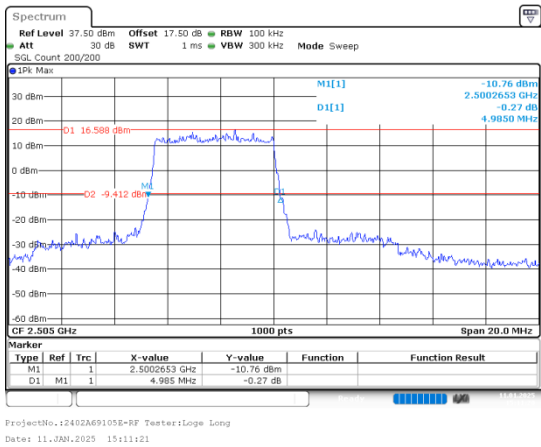


10MHz_Low_16QAM_25@0

Occupied Bandwidth

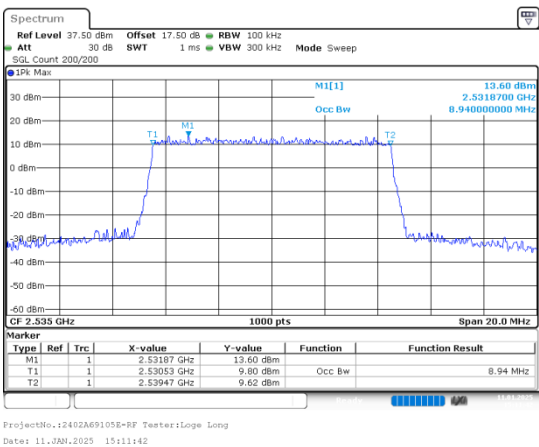


26dB Bandwidth

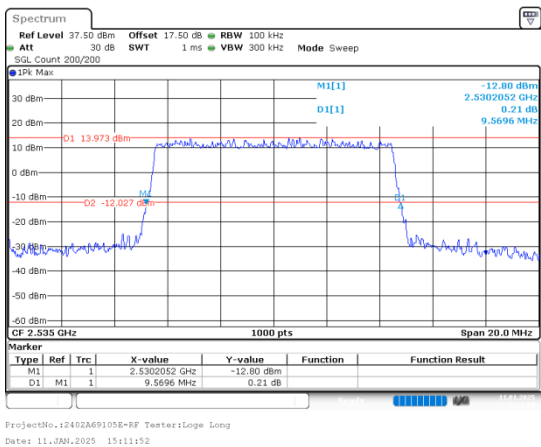


10MHz_Middle_QPSK_50@0

Occupied Bandwidth

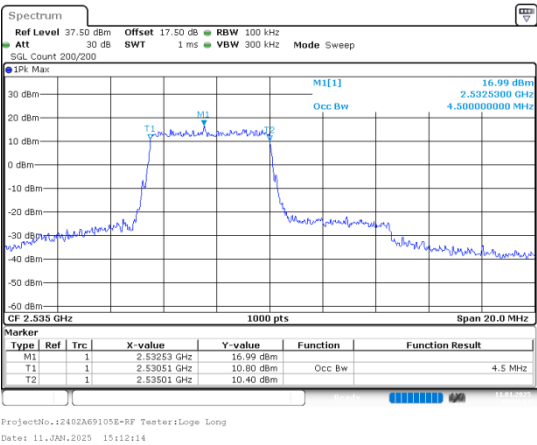


26dB Bandwidth

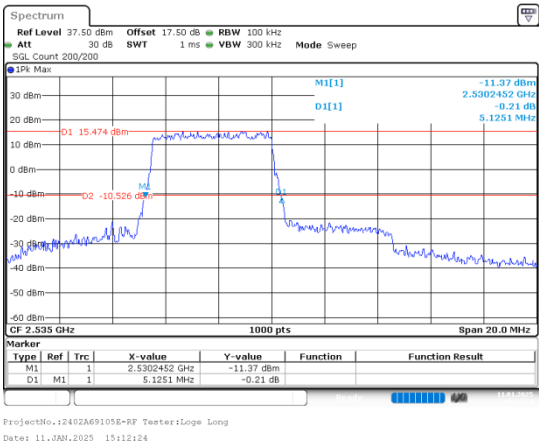


10MHz_Middle_16QAM_25@0

Occupied Bandwidth

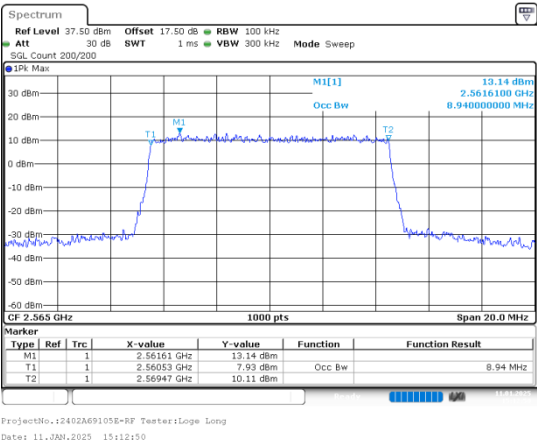


26dB Bandwidth

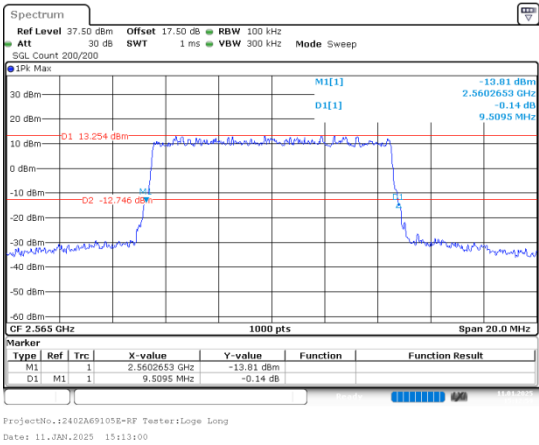


10MHz_High_QPSK_50@0

Occupied Bandwidth

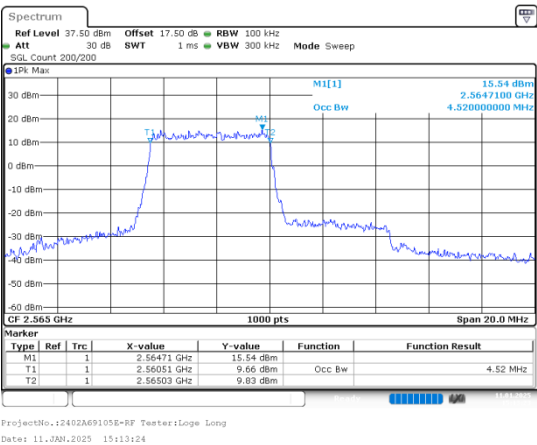


26dB Bandwidth

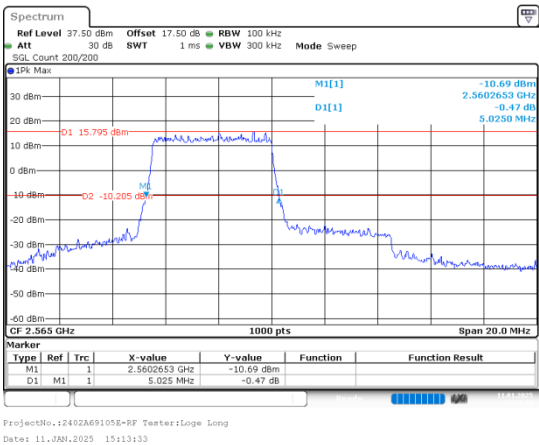


10MHz_High_16QAM_25@0

Occupied Bandwidth

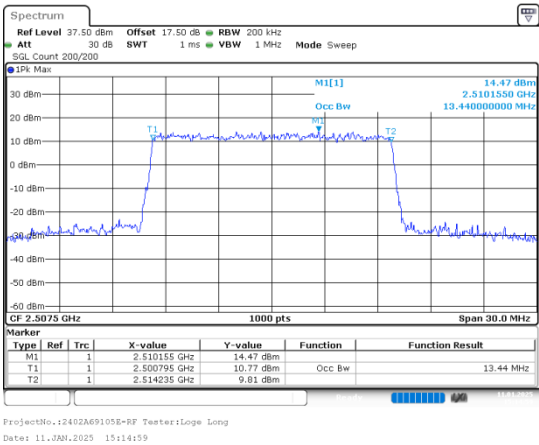


26dB Bandwidth

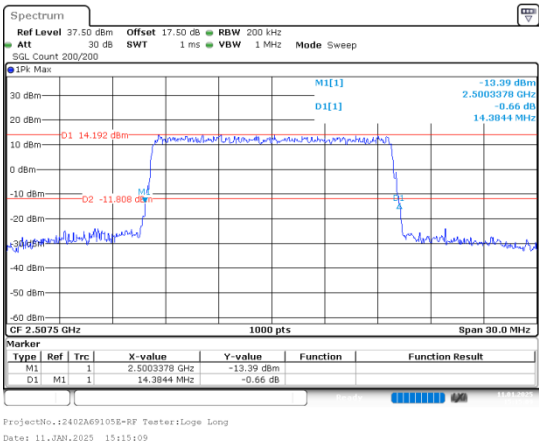


15MHz_Low_QPSK_75@0

Occupied Bandwidth

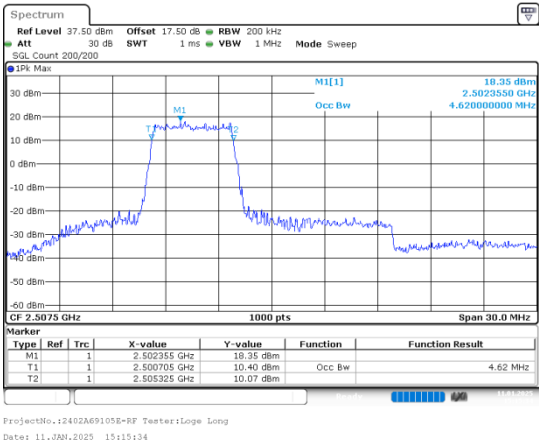


26dB Bandwidth

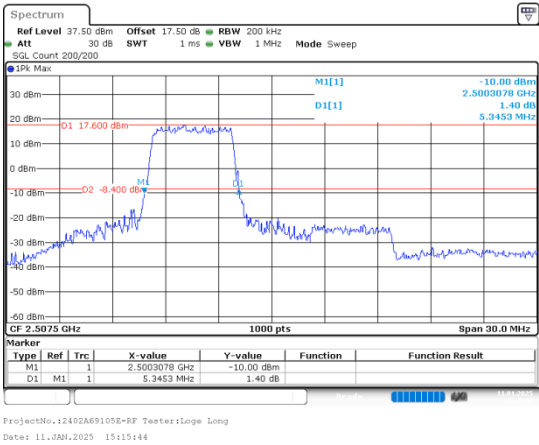


15MHz_Low_16QAM_25@0

Occupied Bandwidth

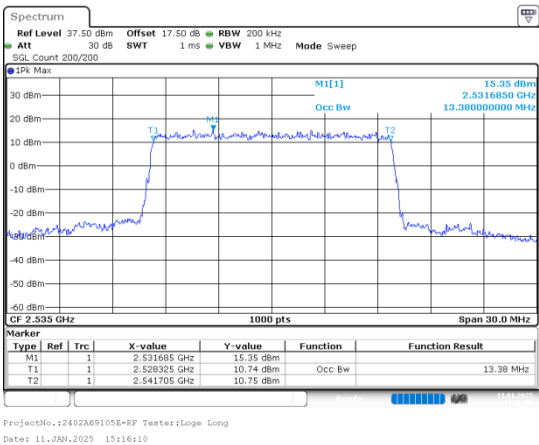


26dB Bandwidth

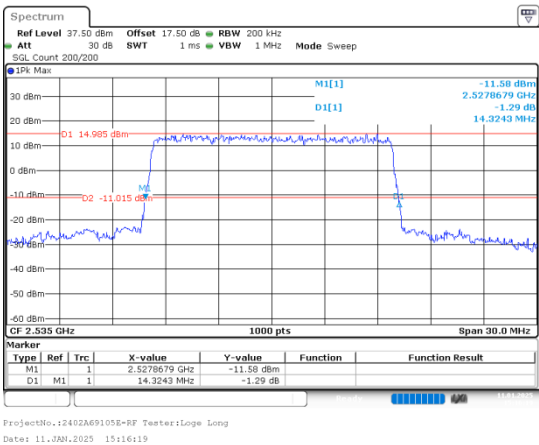


15MHz_Middle_QPSK_75@0

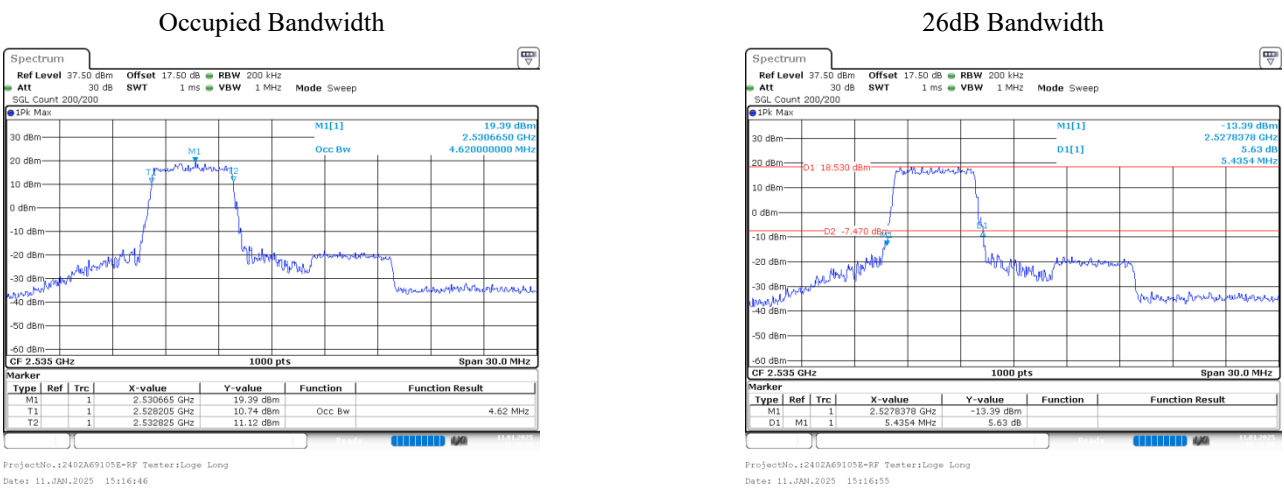
Occupied Bandwidth



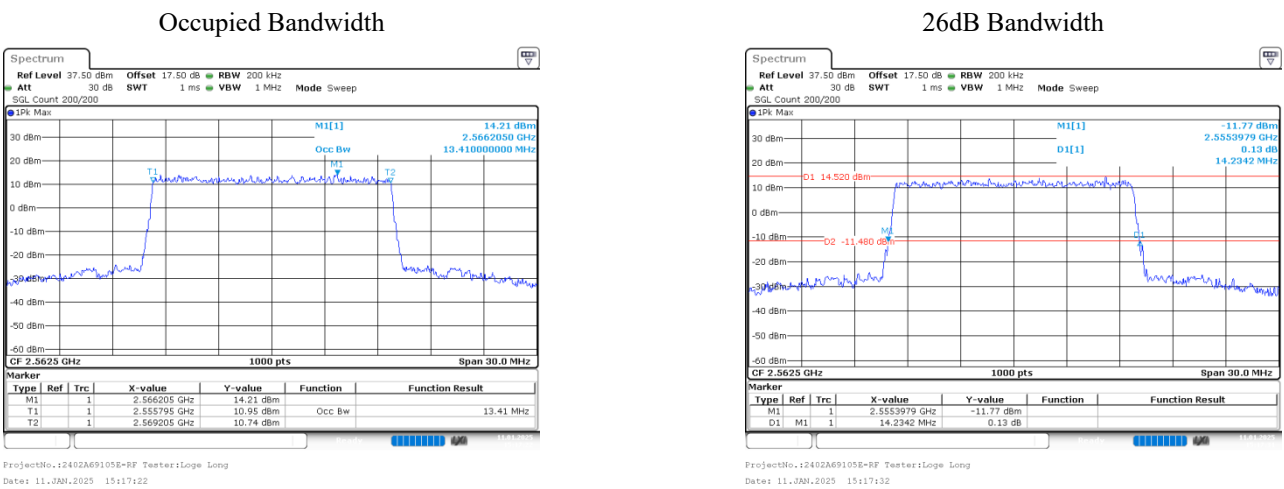
26dB Bandwidth



15MHz_Middle_16QAM_25@0



15MHz_High_QPSK_75@0



15MHz_High_16QAM_25@0

