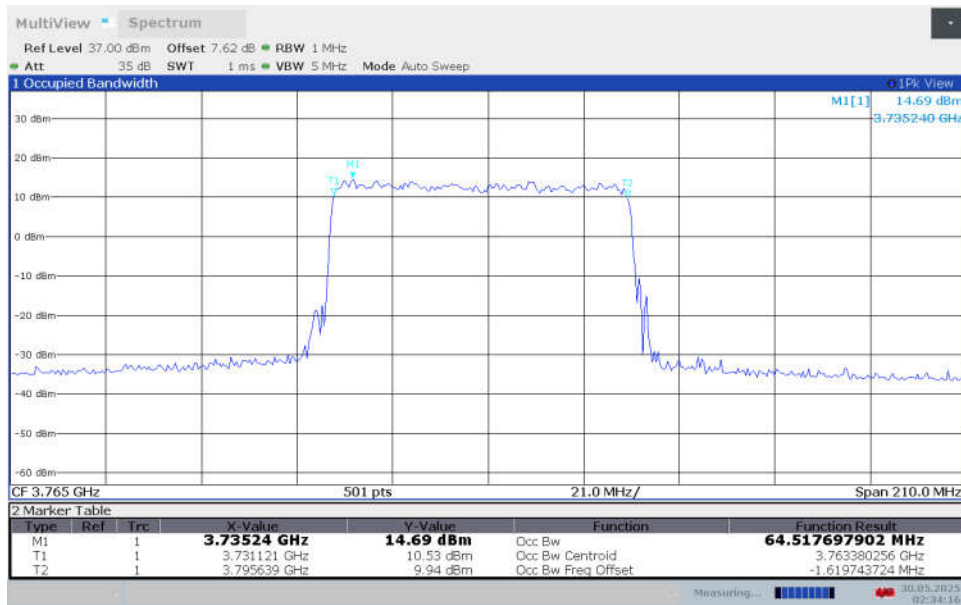
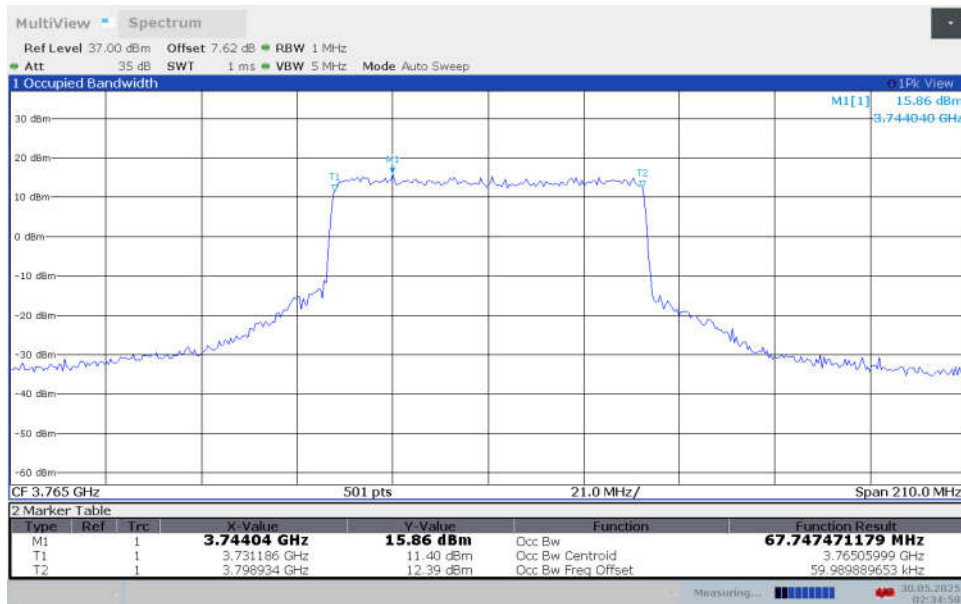
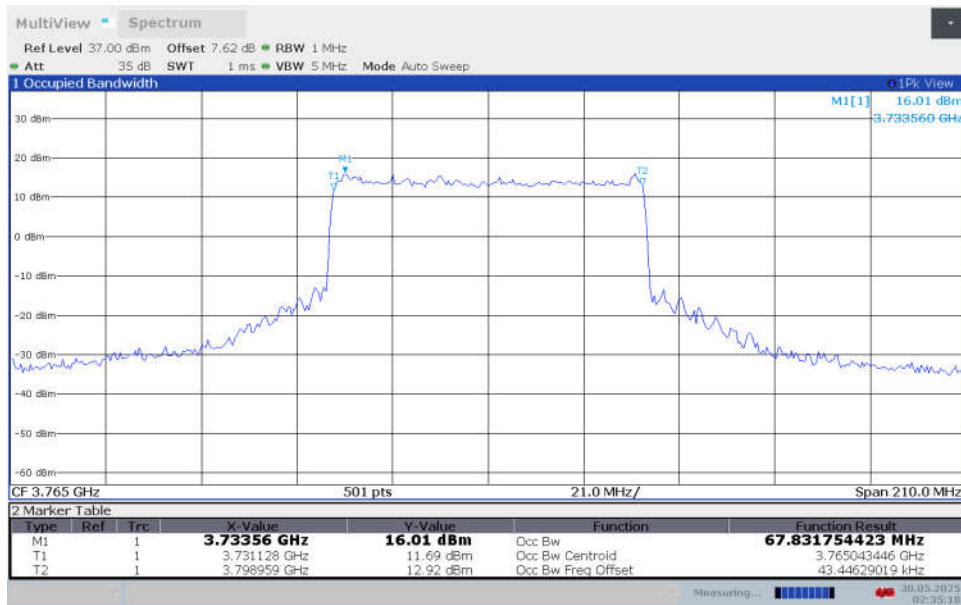




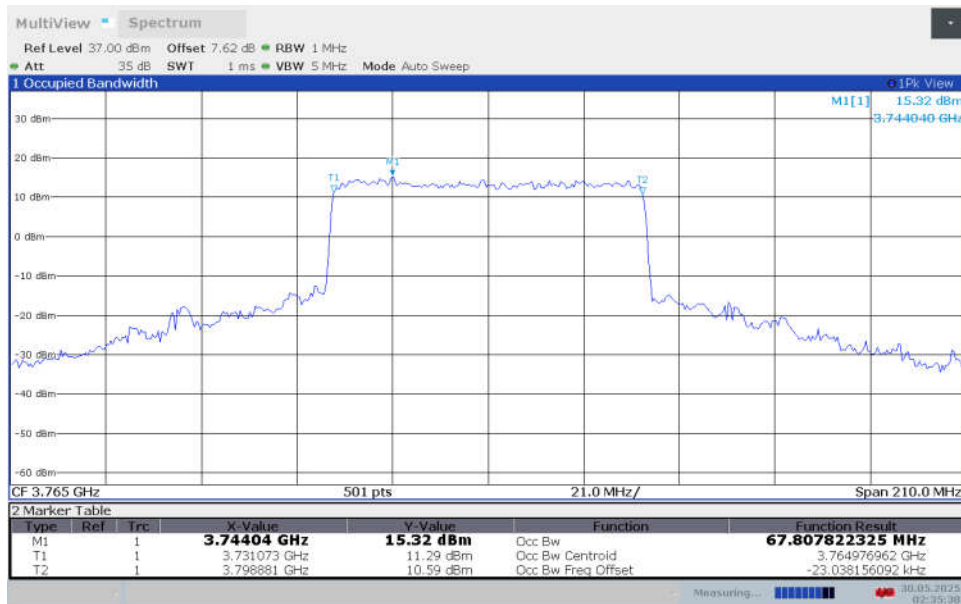
n78H,70MHz Bandwidth,CP-QPSK (99% BW)



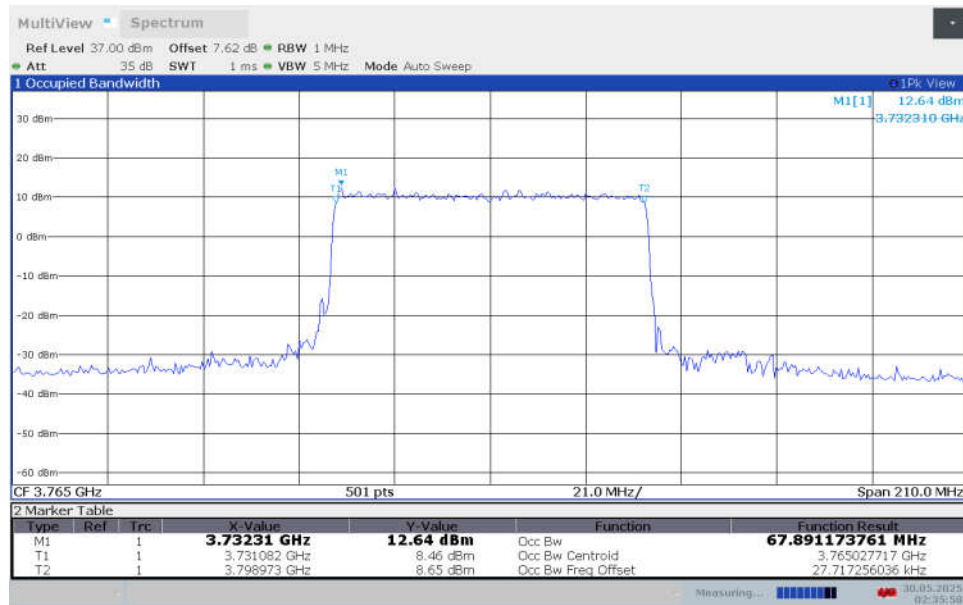
n78H,70MHz Bandwidth,CP-16QAM (99% BW)



n78H,70MHz Bandwidth,CP-64QAM (99% BW)



n78H,70MHz Bandwidth,CP-256QAM (99% BW)

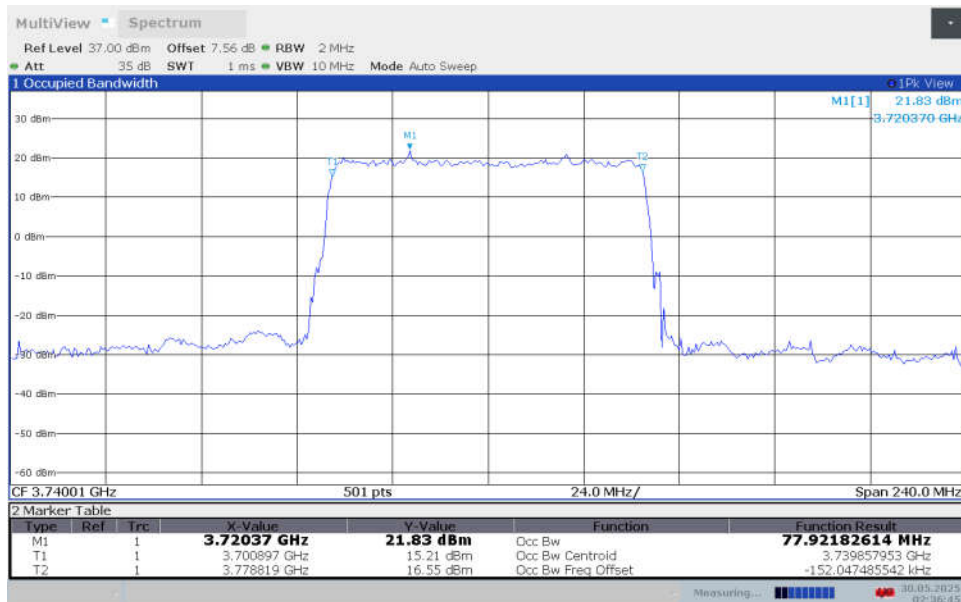


n78H

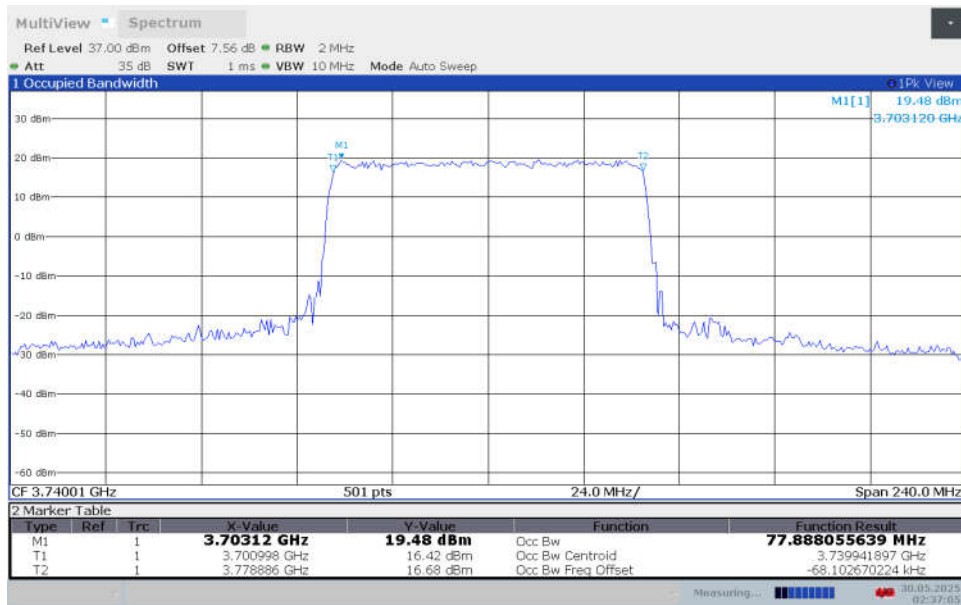
n78H,80MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)								
	DFT-s- pi/2 BPSK	DFT-s-Q PSK	DFT-s-16 QAM	DFT-s-64 QAM	DFT-s-256 QAM	CP-QP SK	CP-16Q AM	CP-64Q AM	CP-256 QAM
3740.0 1	77.922	77.888	77.646	78.000	77.640	78.267	77.996	78.192	78.195
3750	77.832	77.753	77.592	77.947	77.668	78.272	78.051	78.225	78.156
3759.9 9	77.866	77.770	77.772	77.817	77.581	78.084	77.998	78.135	78.190

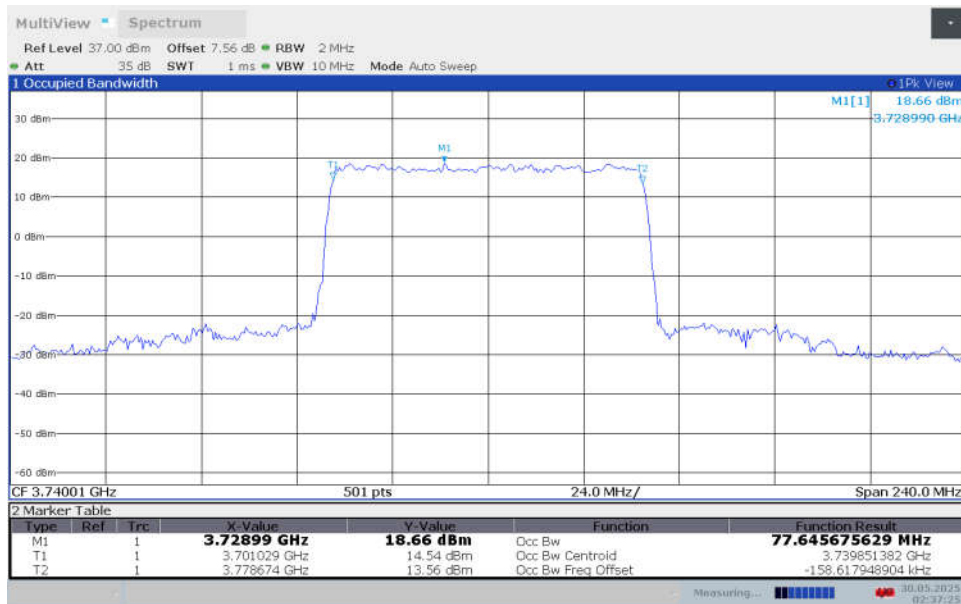
n78H,80MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



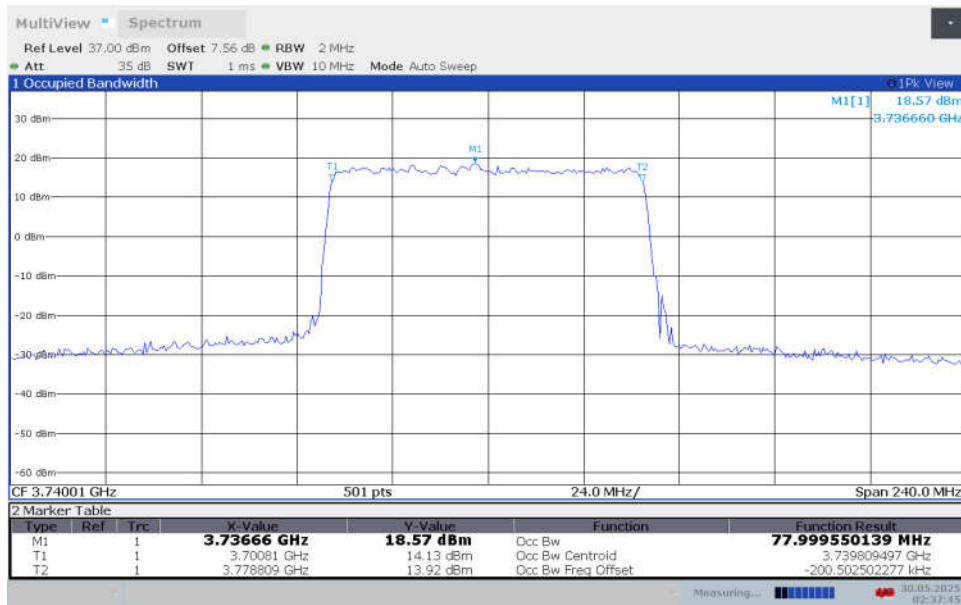
n78H,80MHz Bandwidth,DFT-s-QPSK (99% BW)



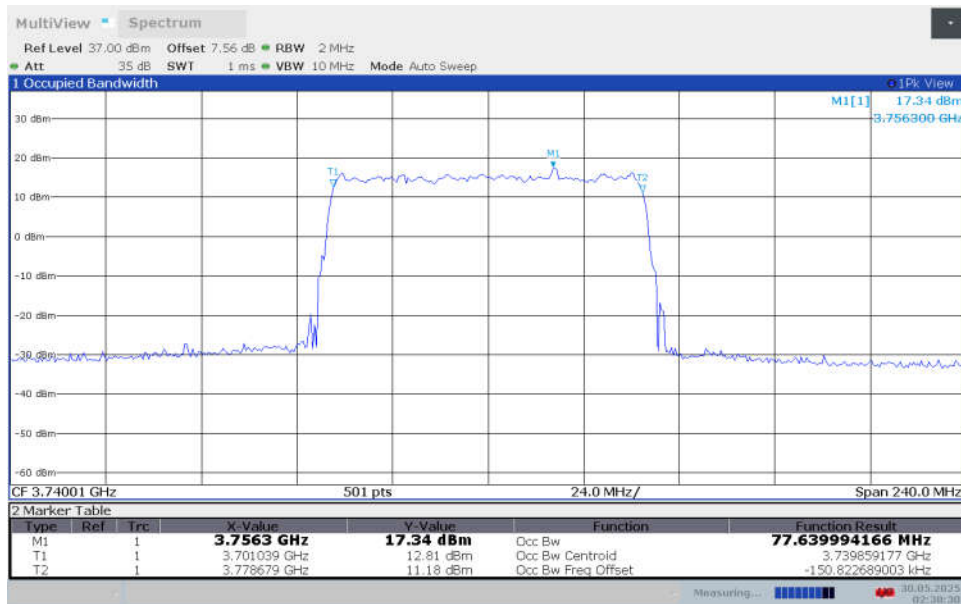
n78H,80MHz Bandwidth,DFT-s-16QAM (99% BW)



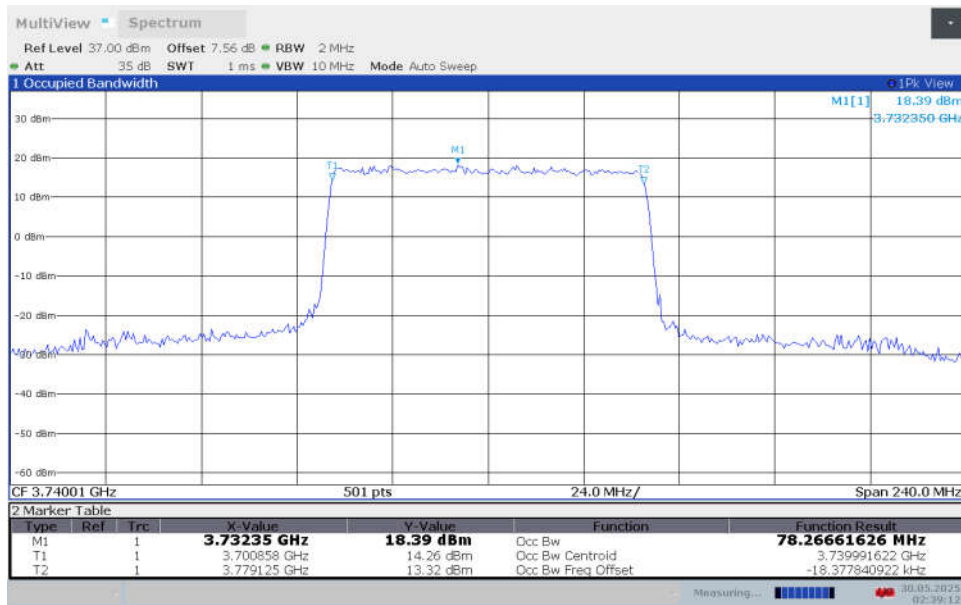
n78H,80MHz Bandwidth,DFT-s-64QAM (99% BW)



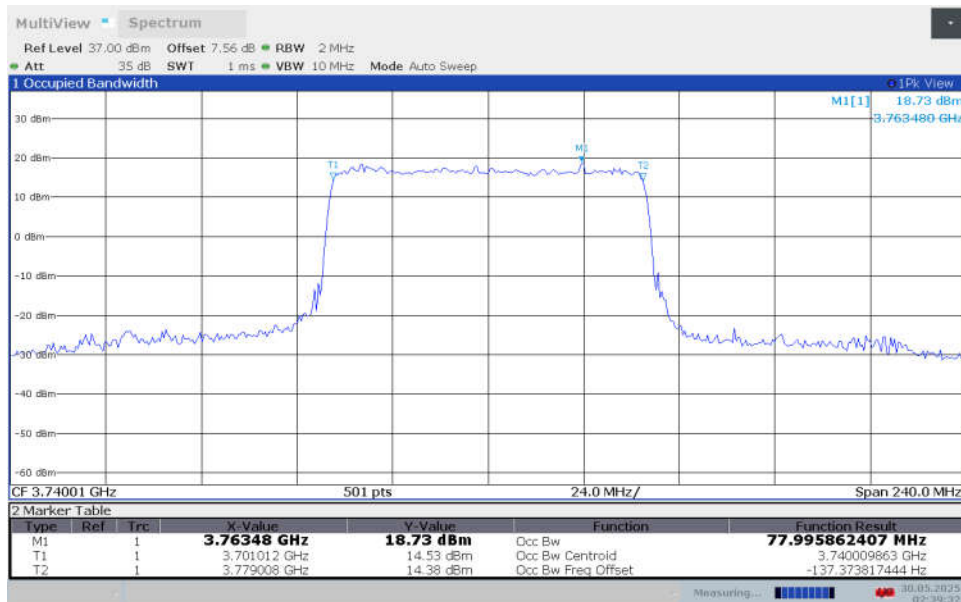
n78H,80MHz Bandwidth,DFT-s-256QAM (99% BW)



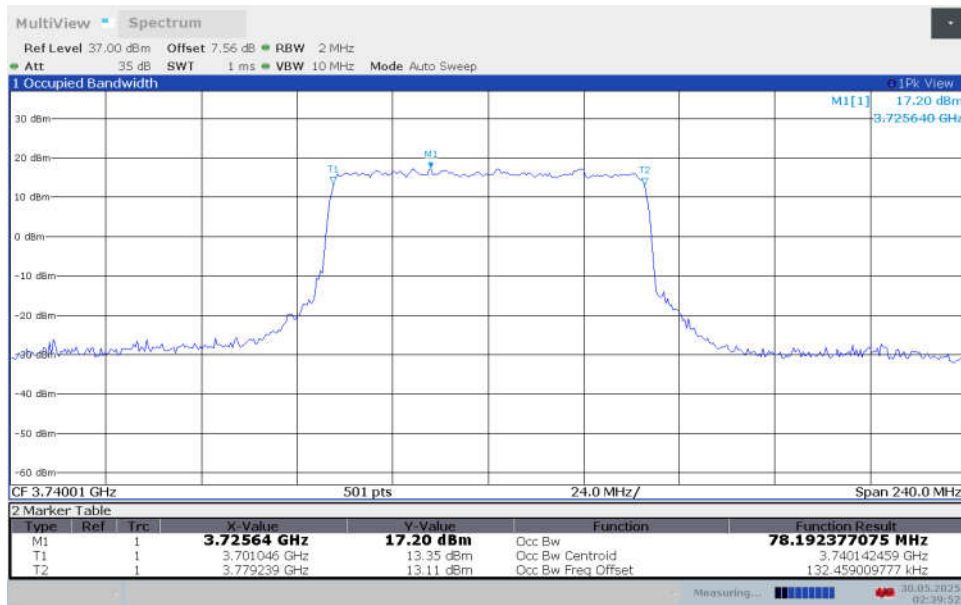
n78H,80MHz Bandwidth,CP-QPSK (99% BW)



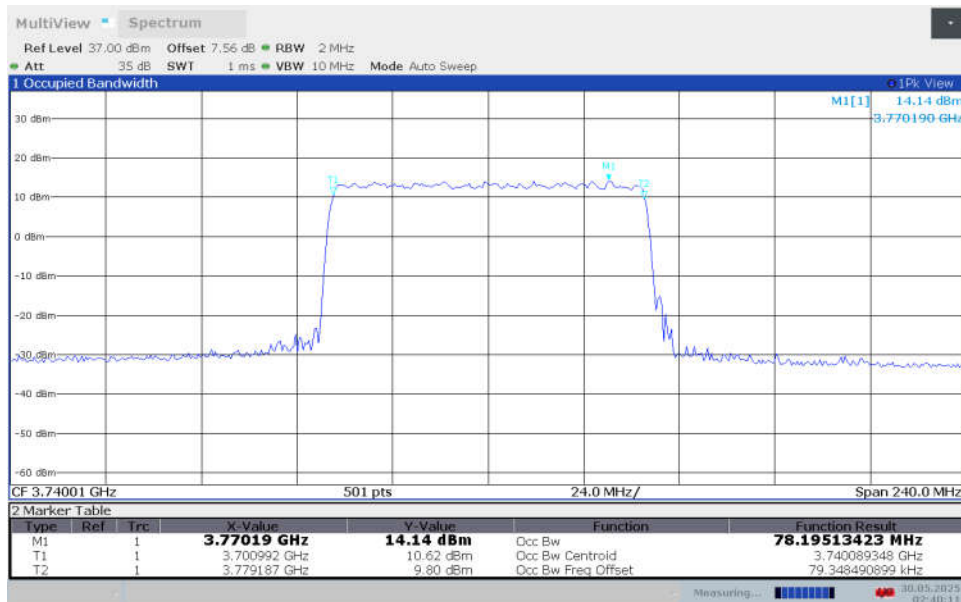
n78H,80MHz Bandwidth,CP-16QAM (99% BW)



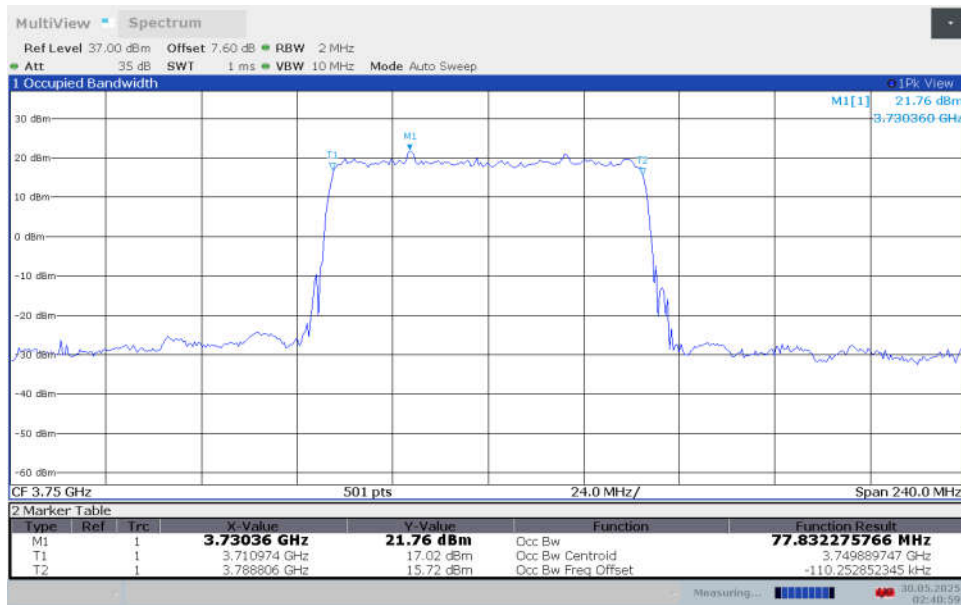
n78H,80MHz Bandwidth,CP-64QAM (99% BW)



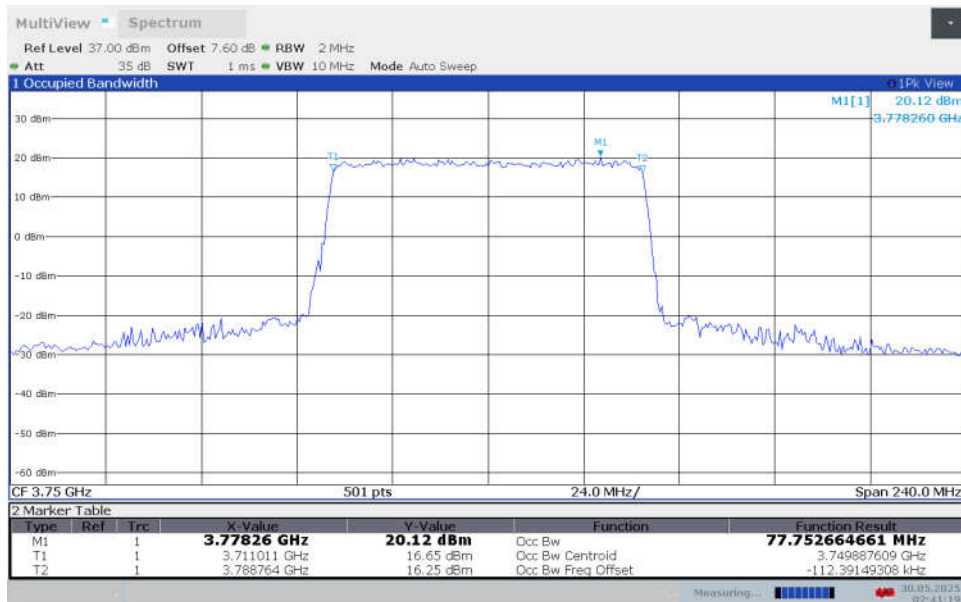
n78H,80MHz Bandwidth,CP-256QAM (99% BW)



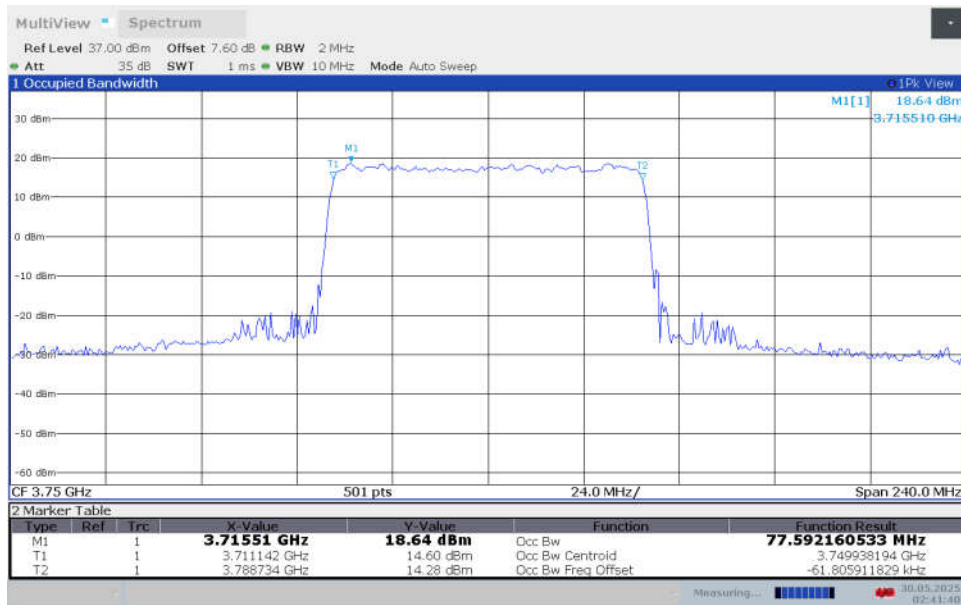
n78H,80MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



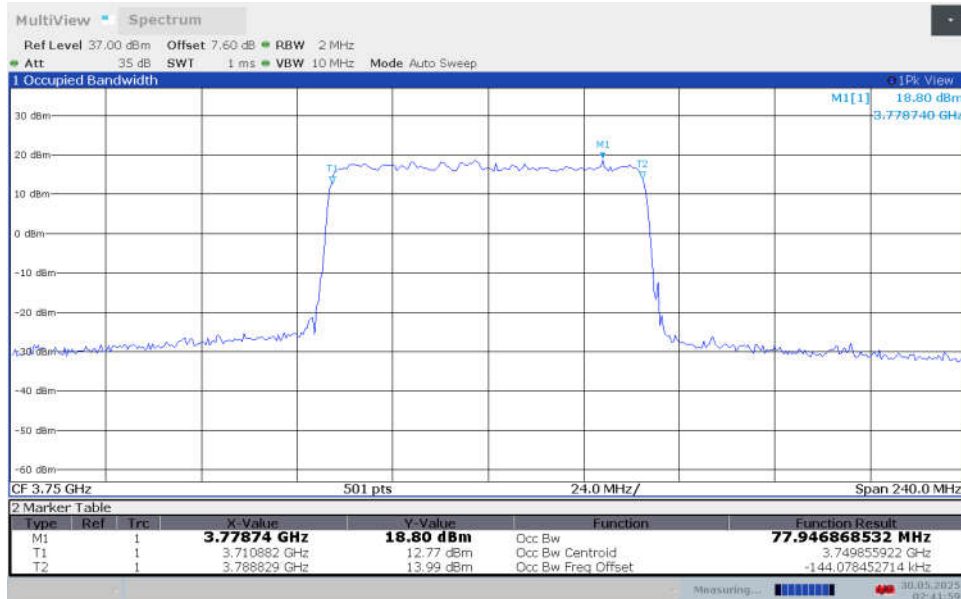
n78H,80MHz Bandwidth,DFT-s-QPSK (99% BW)



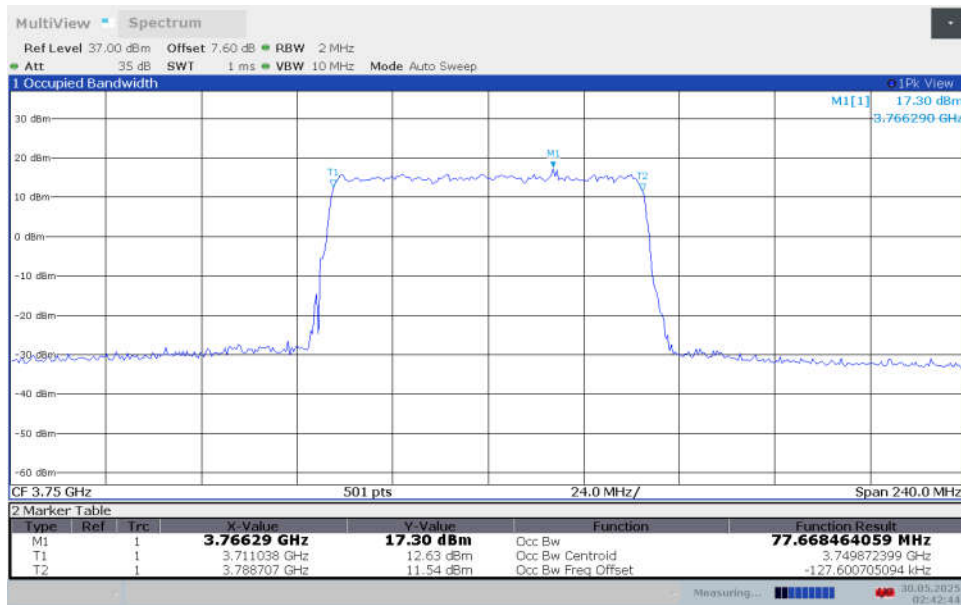
n78H,80MHz Bandwidth,DFT-s-16QAM (99% BW)



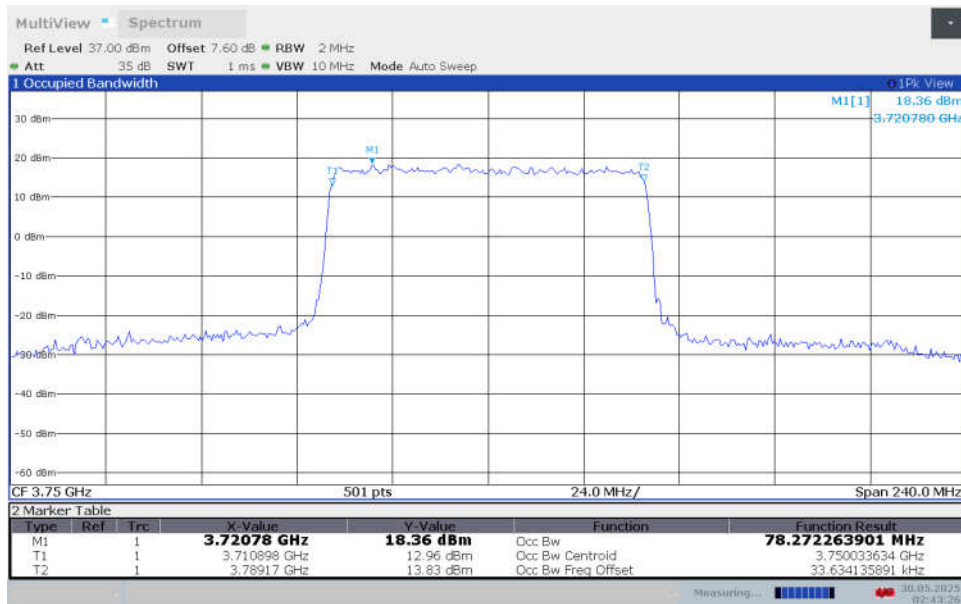
n78H,80MHz Bandwidth,DFT-s-64QAM (99% BW)



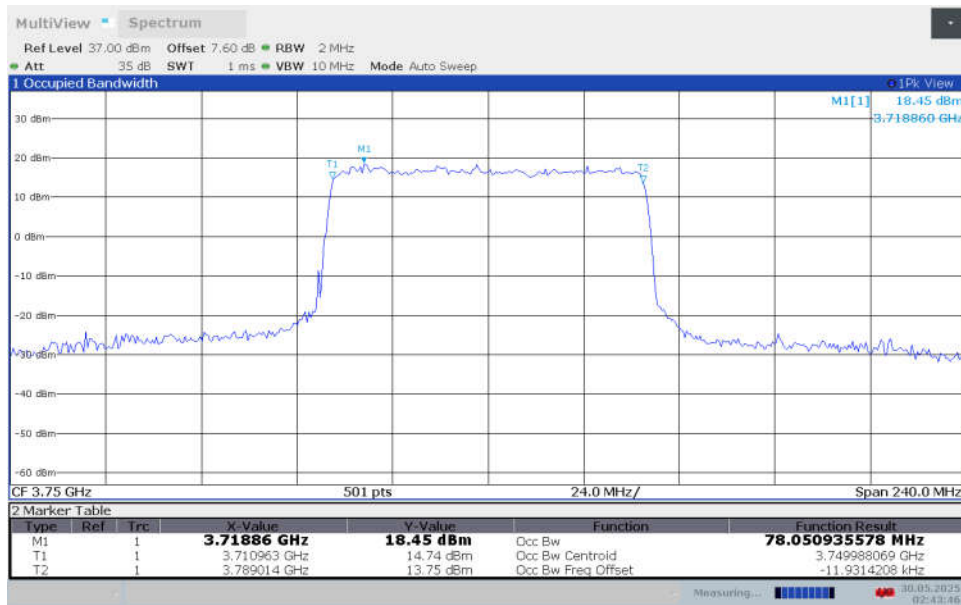
n78H,80MHz Bandwidth,DFT-s-256QAM (99% BW)



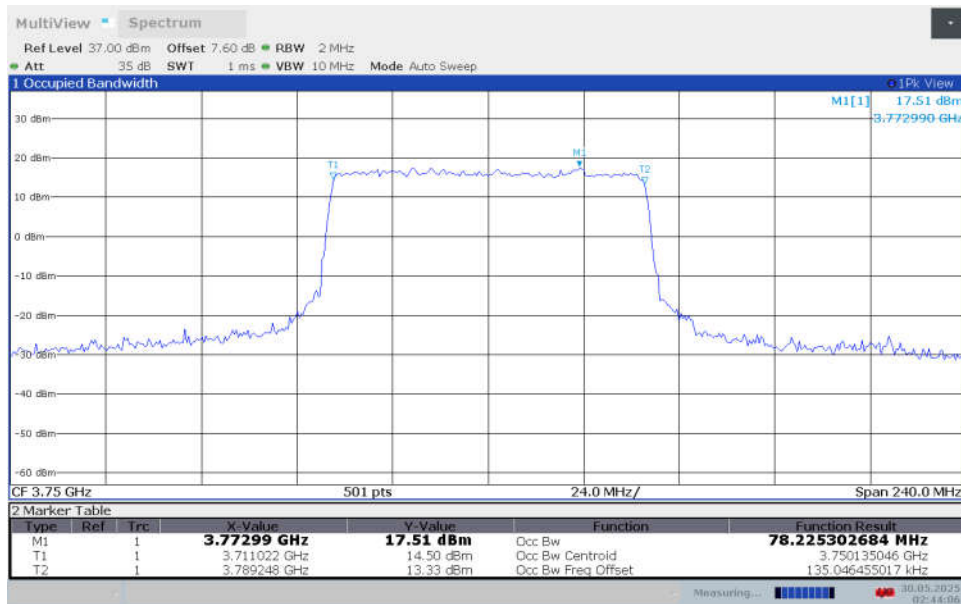
n78H,80MHz Bandwidth,CP-QPSK (99% BW)



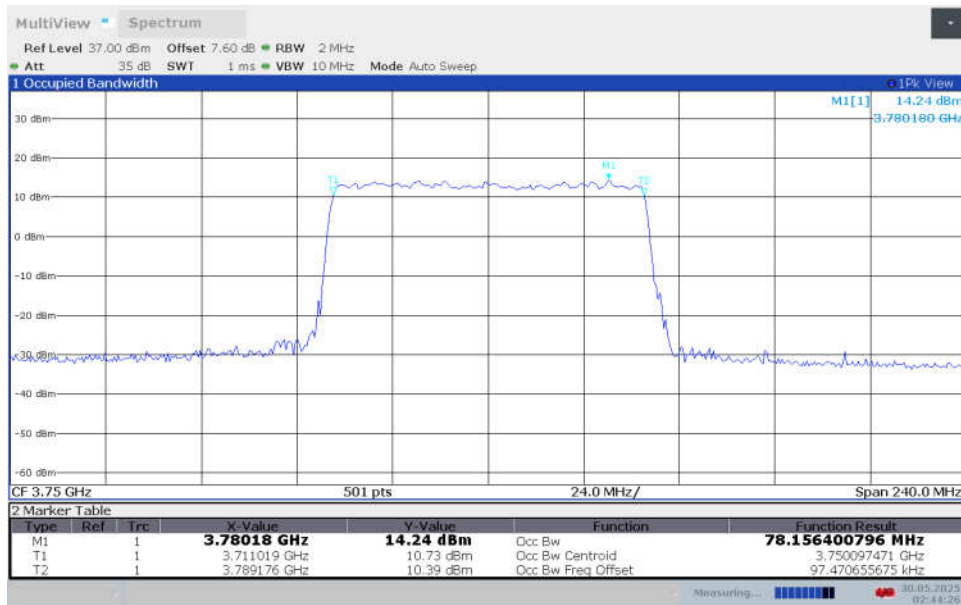
n78H,80MHz Bandwidth,CP-16QAM (99% BW)



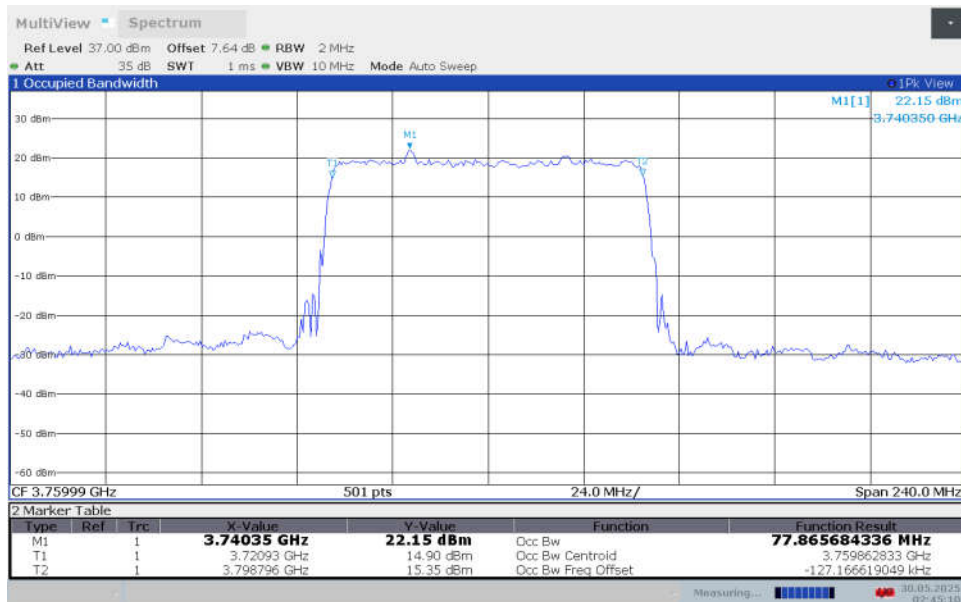
n78H,80MHz Bandwidth,CP-64QAM (99% BW)



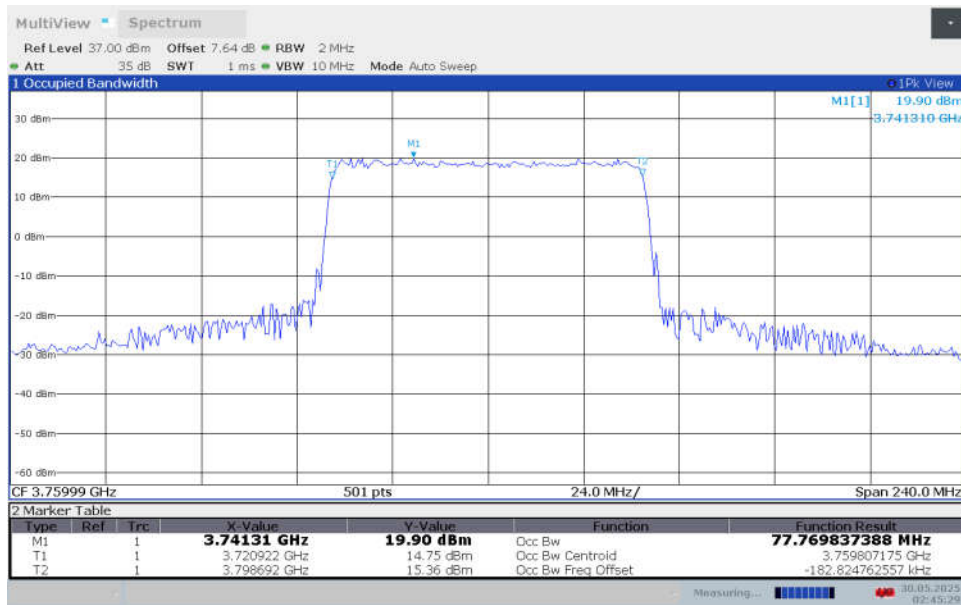
n78H,80MHz Bandwidth,CP-256QAM (99% BW)



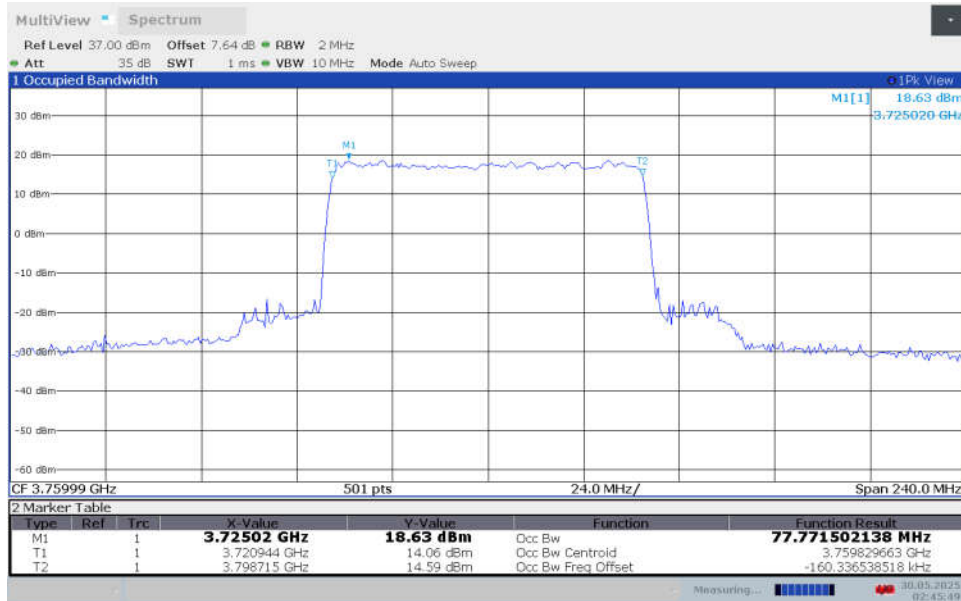
n78H,80MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



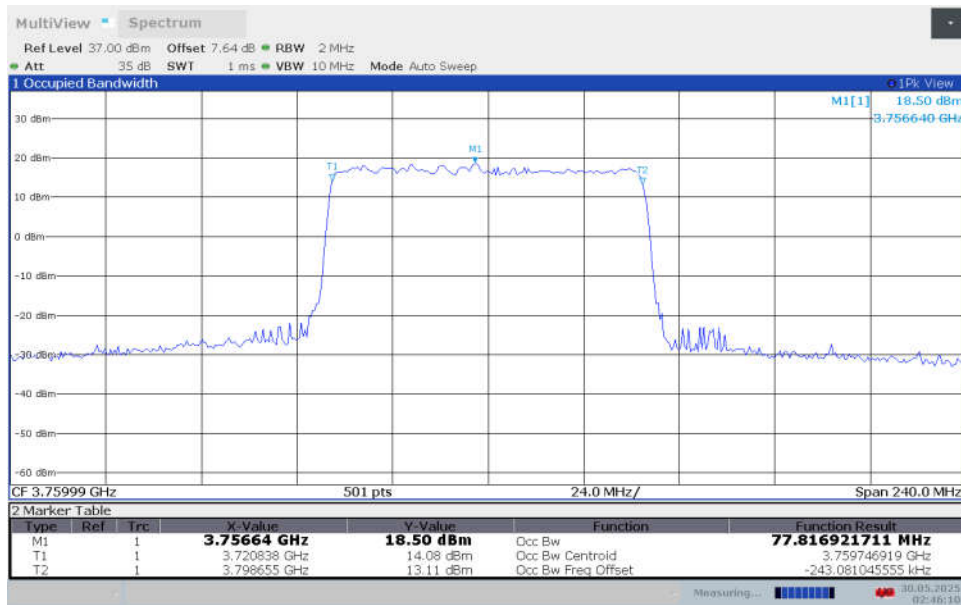
n78H,80MHz Bandwidth,DFT-s-QPSK (99% BW)



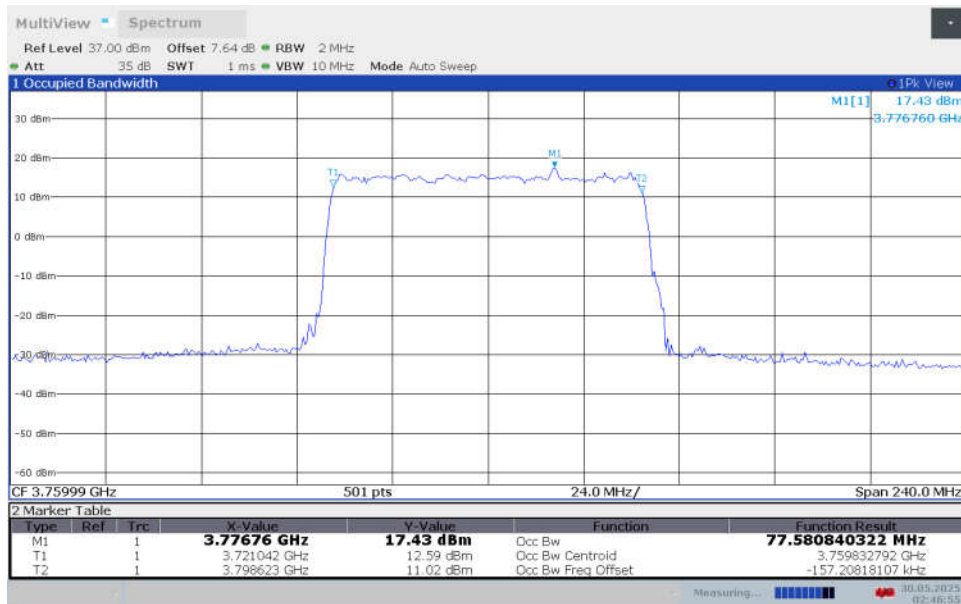
n78H,80MHz Bandwidth,DFT-s-16QAM (99% BW)



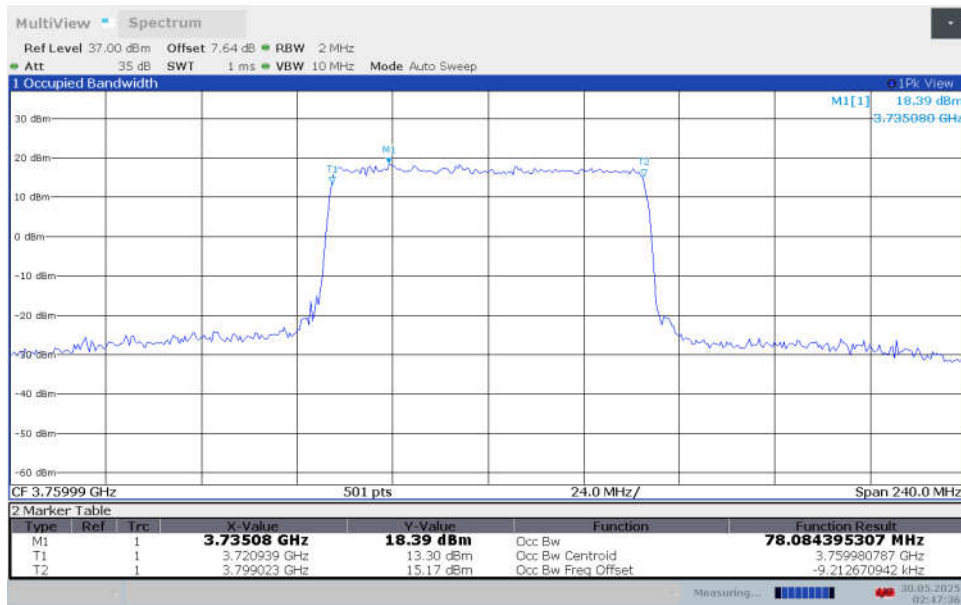
n78H,80MHz Bandwidth,DFT-s-64QAM (99% BW)



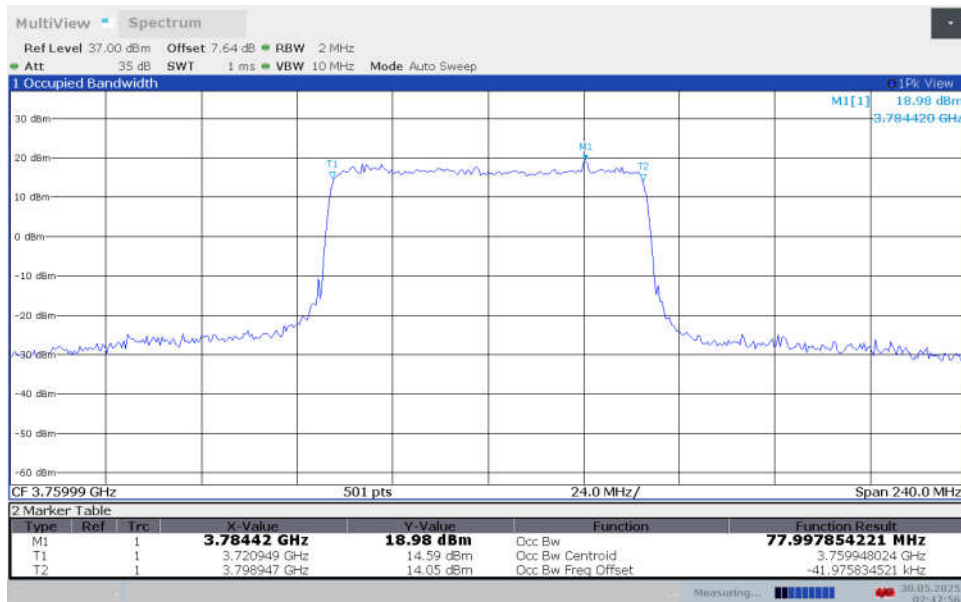
n78H,80MHz Bandwidth,DFT-s-256QAM (99% BW)



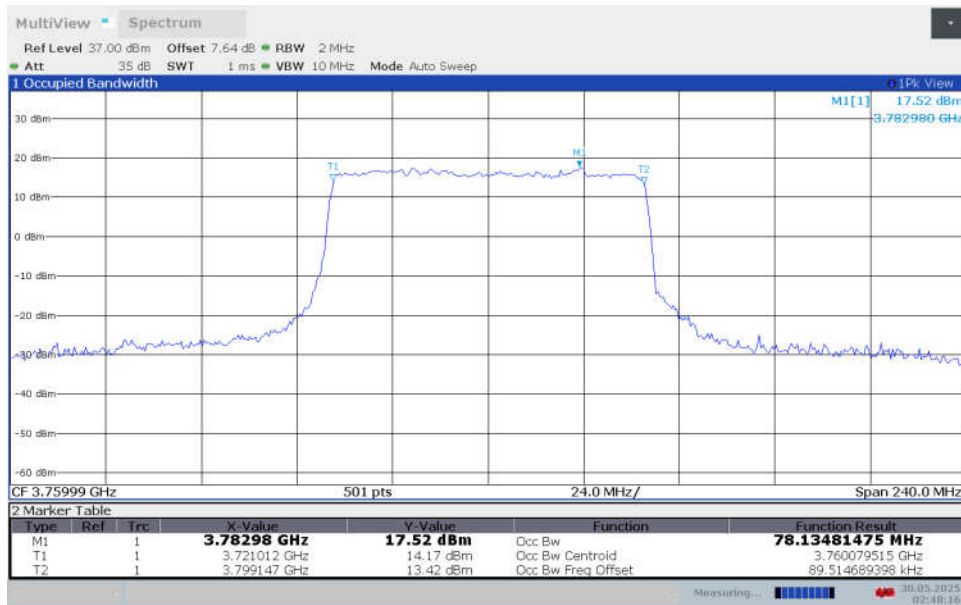
n78H,80MHz Bandwidth,CP-QPSK (99% BW)



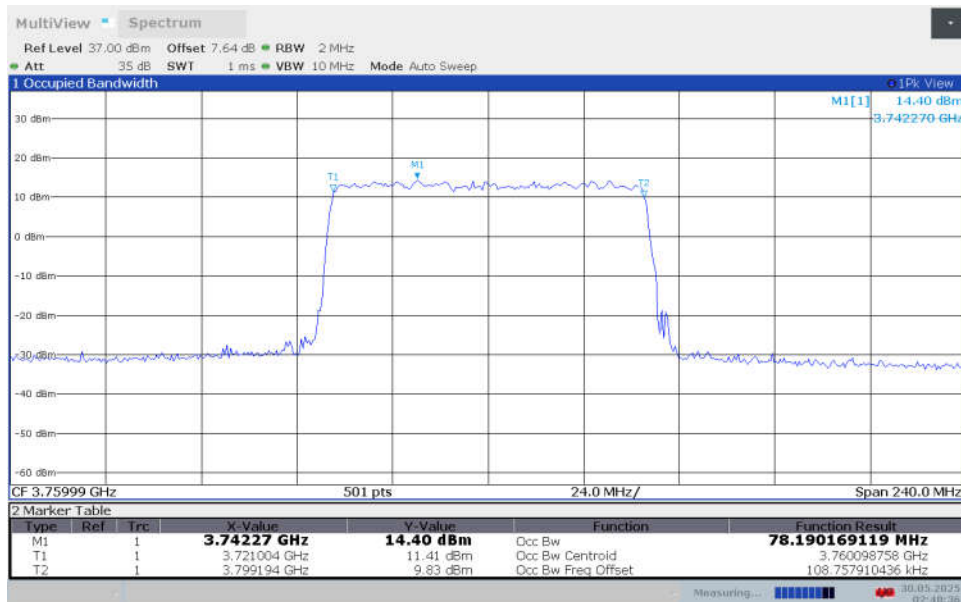
n78H,80MHz Bandwidth,CP-16QAM (99% BW)



n78H,80MHz Bandwidth,CP-64QAM (99% BW)



n78H,80MHz Bandwidth,CP-256QAM (99% BW)

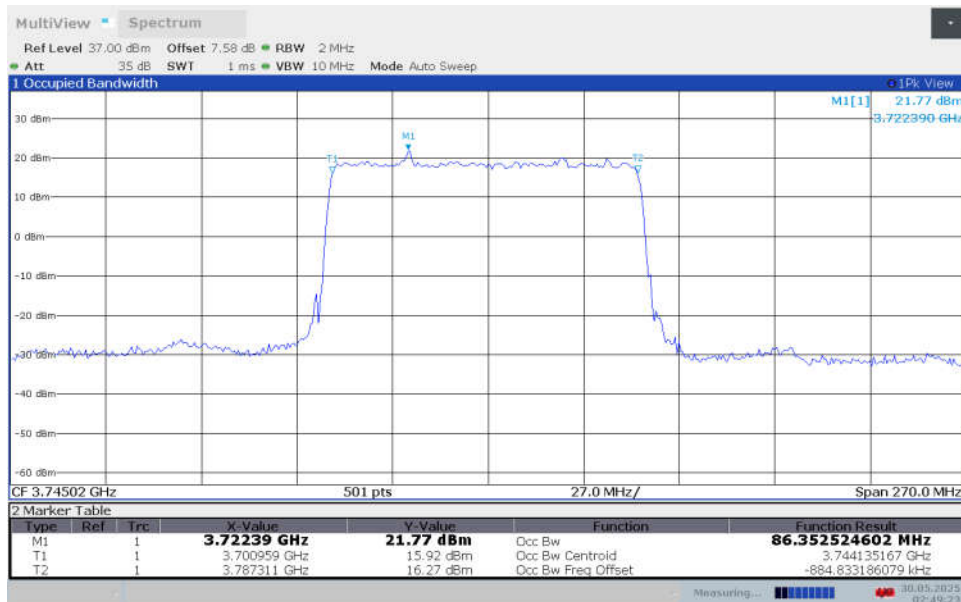


n78H

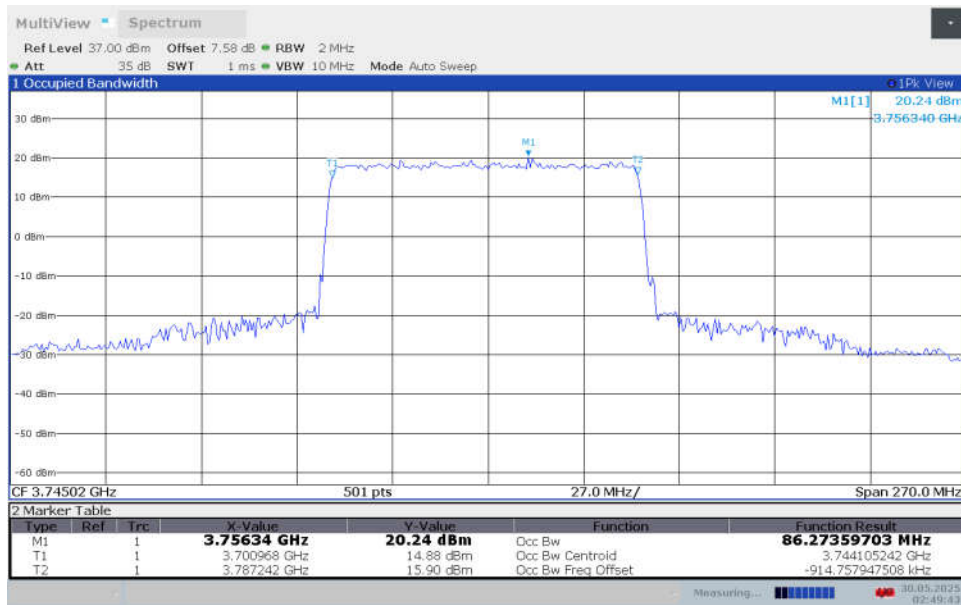
n78H,90MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)								
	DFT-s- pi/2 BPSK	DFT-s-Q PSK	DFT-s-16 QAM	DFT-s-64 QAM	DFT-s-256 QAM	CP-QP SK	CP-16Q AM	CP-64Q AM	CP-256 QAM
3745.0 2	86.353	86.274	86.303	86.414	86.346	88.106	88.150	88.203	87.804
3750	86.281	86.147	86.137	86.386	86.062	88.046	88.217	88.029	87.925
3754.9 8	86.285	86.204	86.222	86.374	86.218	87.830	88.109	88.219	87.841

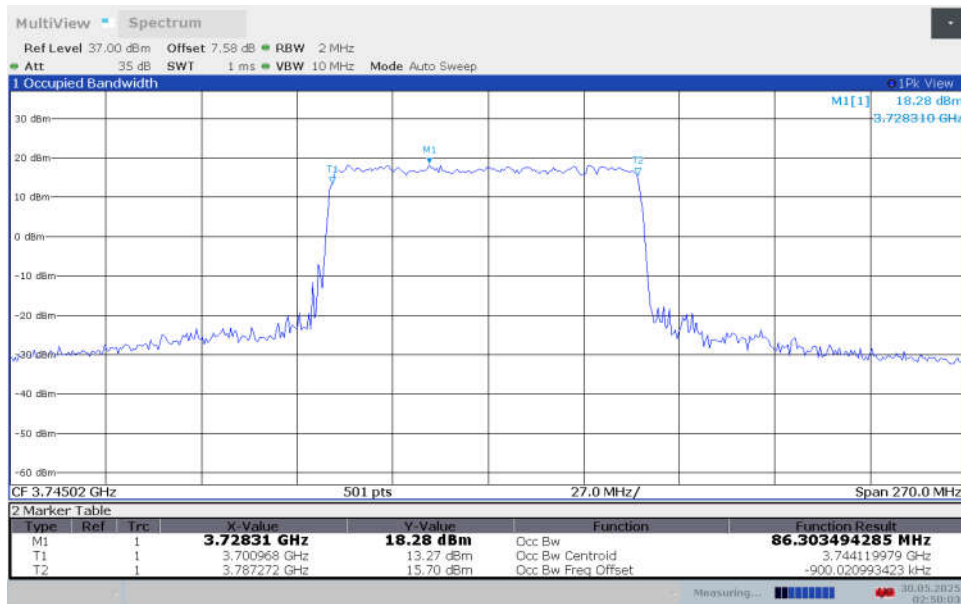
n78H,90MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



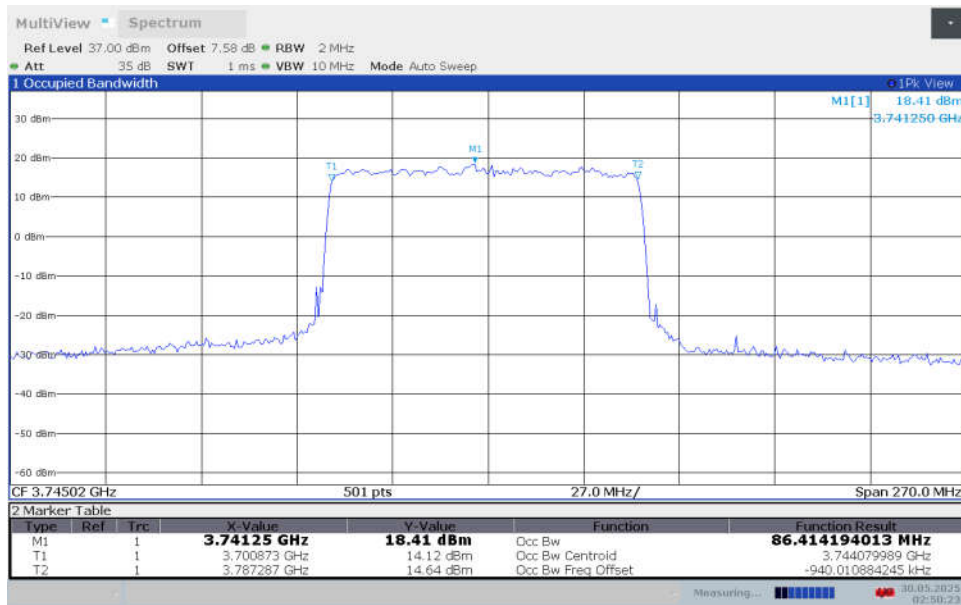
n78H,90MHz Bandwidth,DFT-s-QPSK (99% BW)



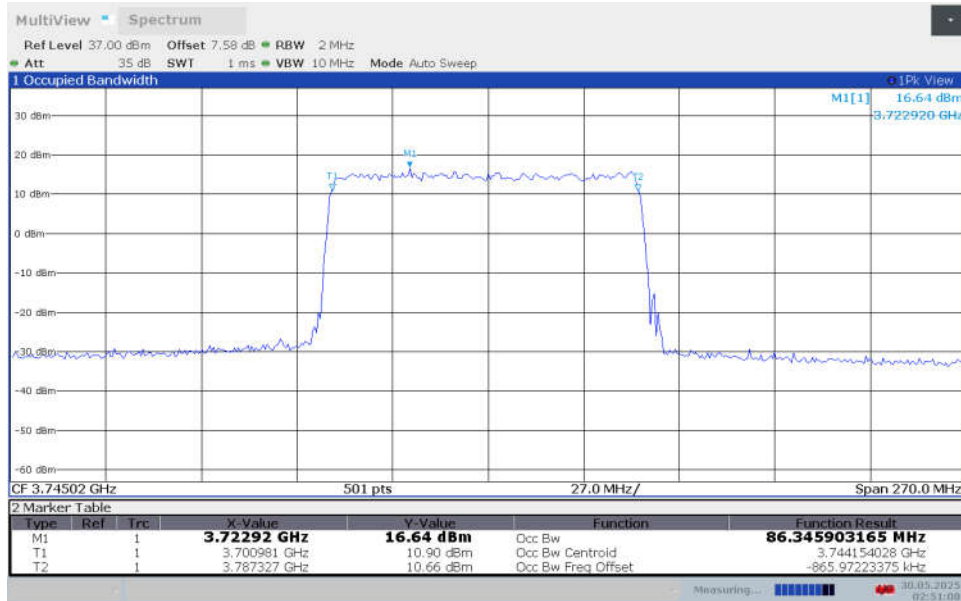
n78H,90MHz Bandwidth,DFT-s-16QAM (99% BW)



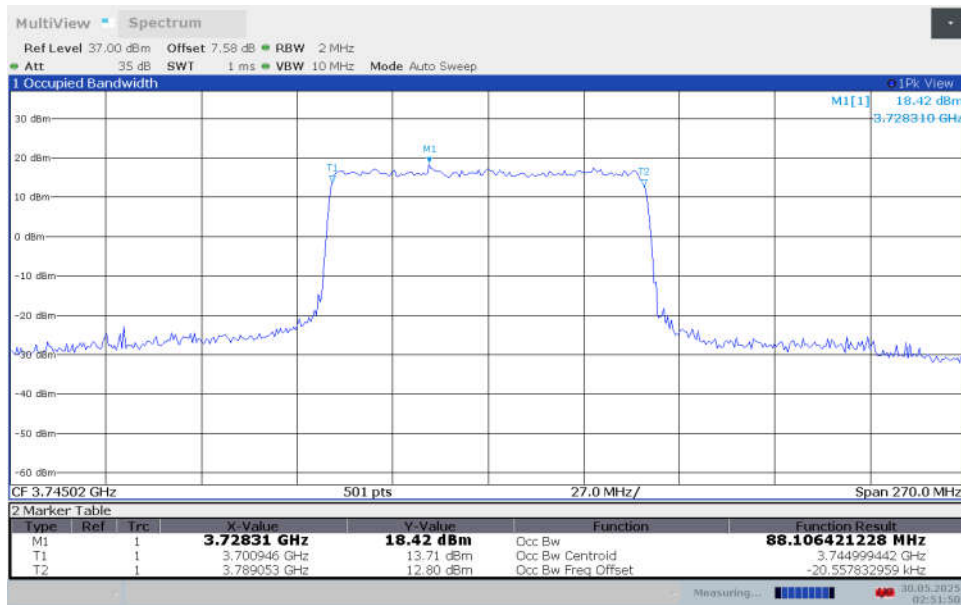
n78H,90MHz Bandwidth,DFT-s-64QAM (99% BW)



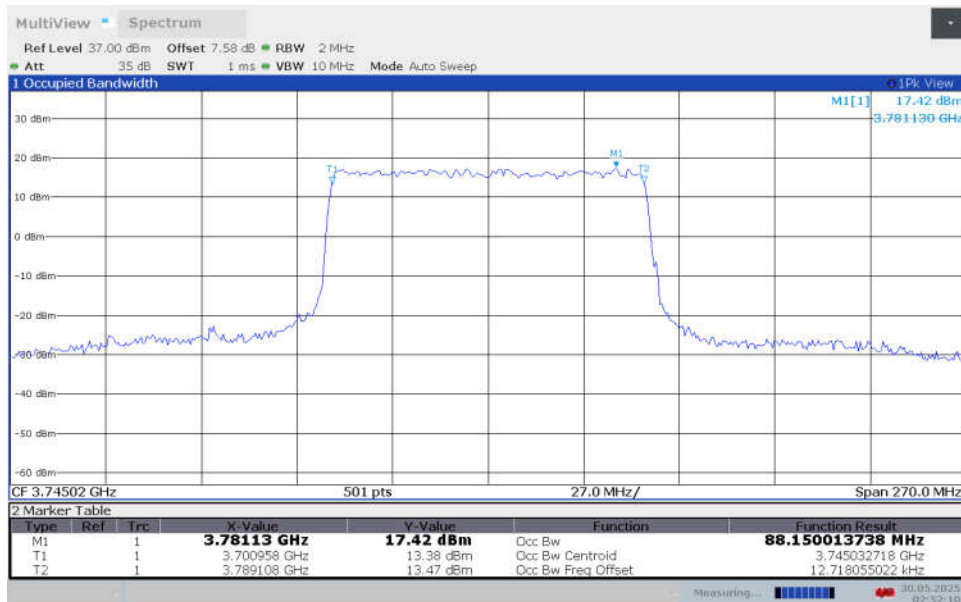
n78H,90MHz Bandwidth,DFT-s-256QAM (99% BW)



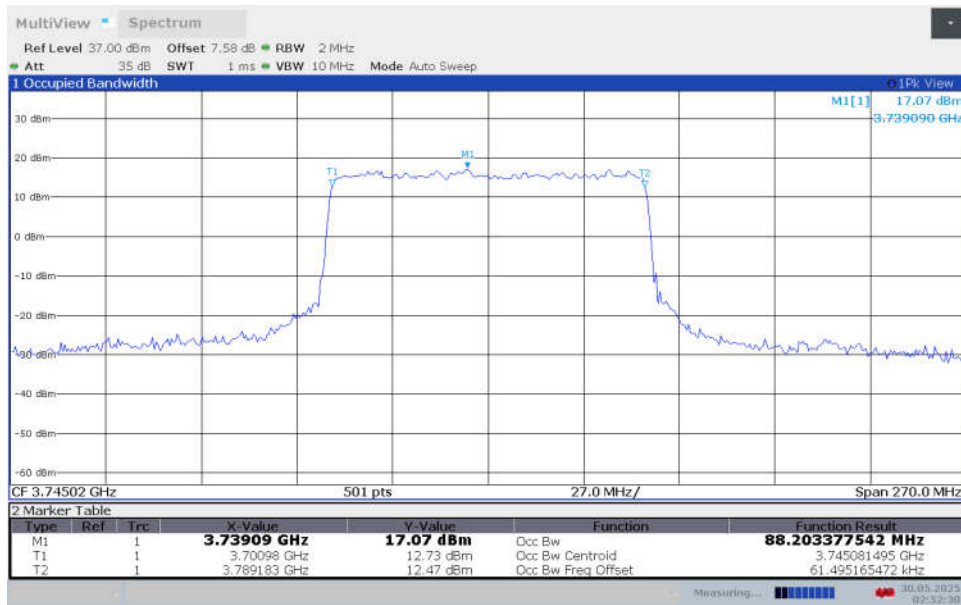
n78H,90MHz Bandwidth,CP-QPSK (99% BW)



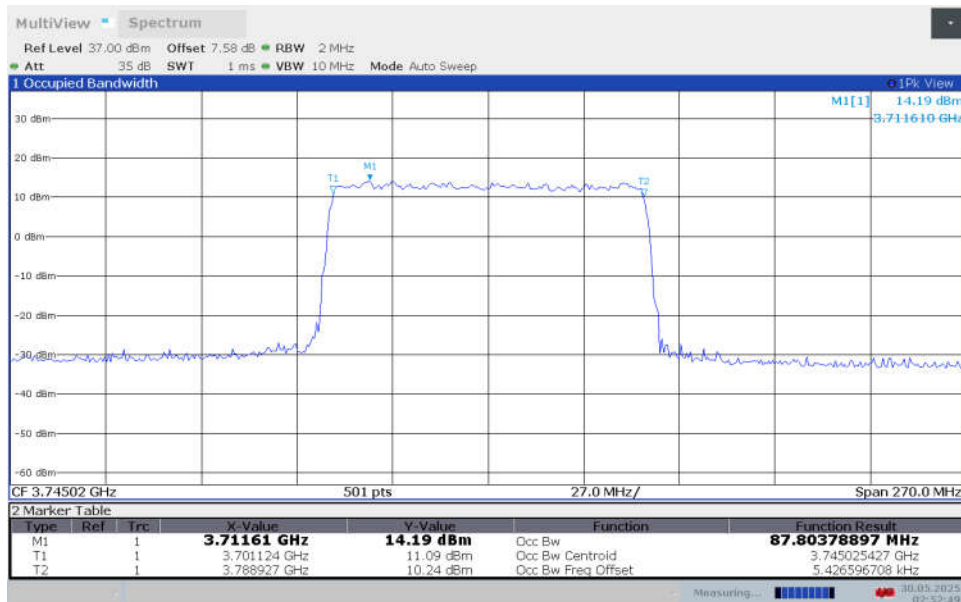
n78H,90MHz Bandwidth,CP-16QAM (99% BW)



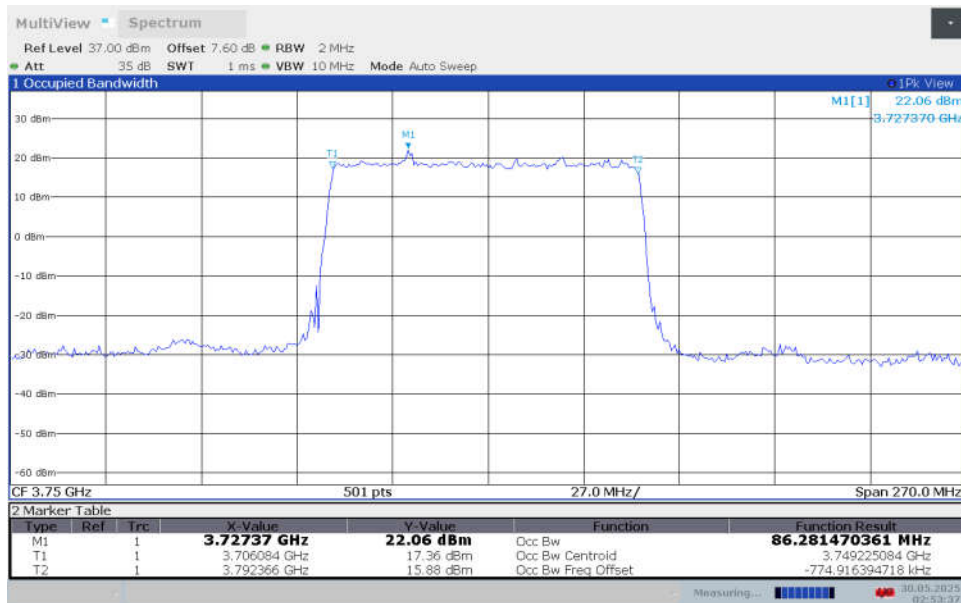
n78H,90MHz Bandwidth,CP-64QAM (99% BW)



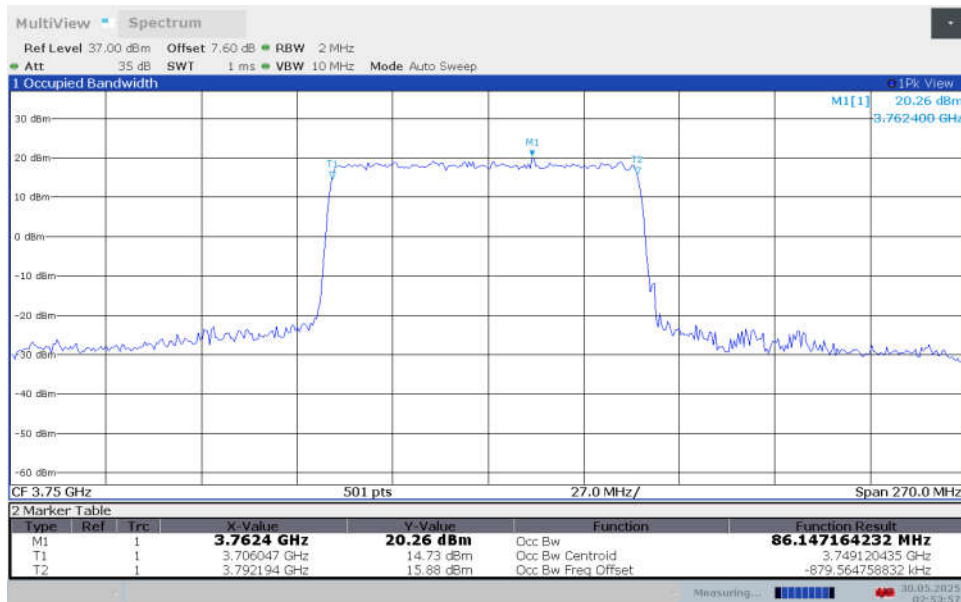
n78H,90MHz Bandwidth,CP-256QAM (99% BW)



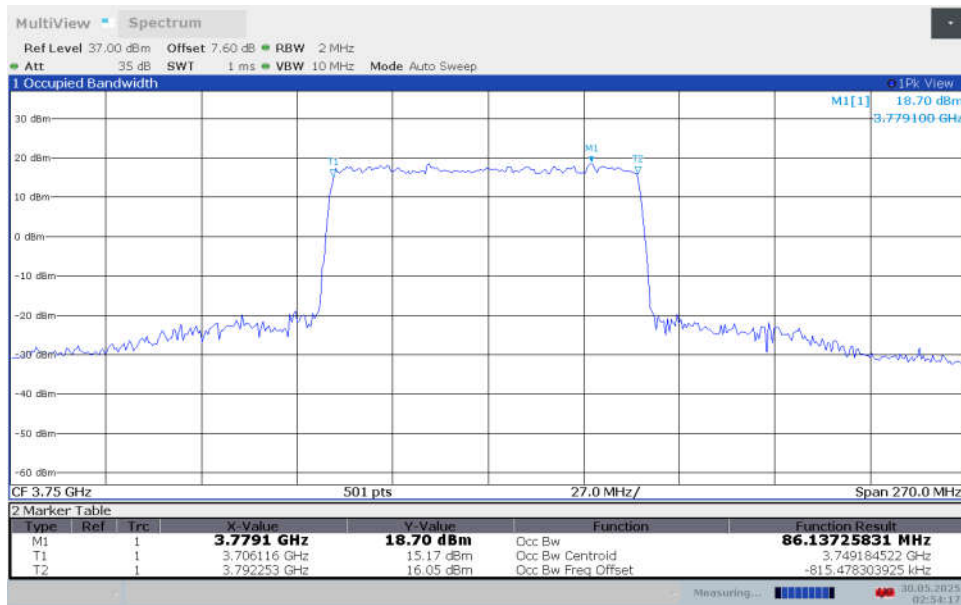
n78H,90MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



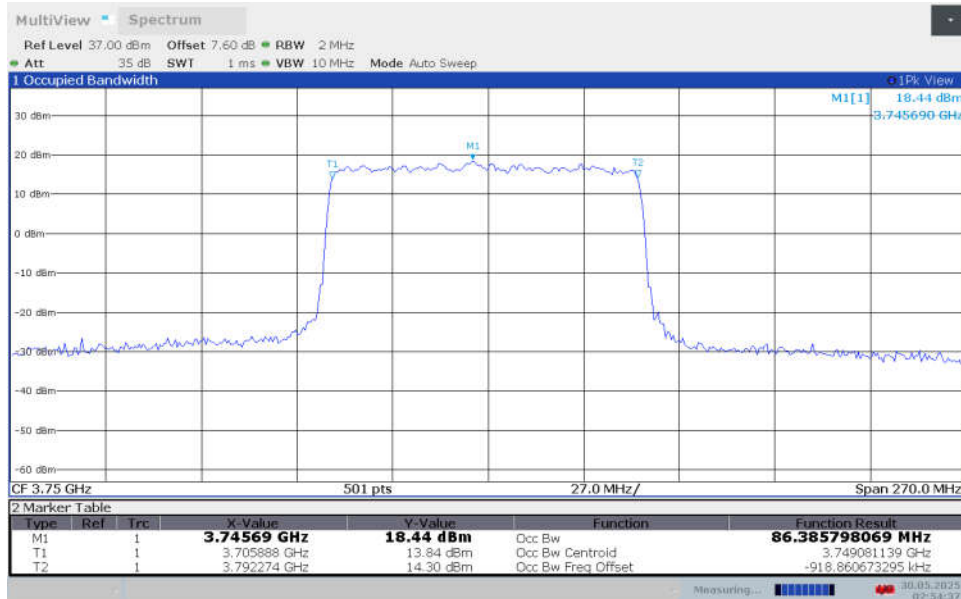
n78H,90MHz Bandwidth,DFT-s-QPSK (99% BW)



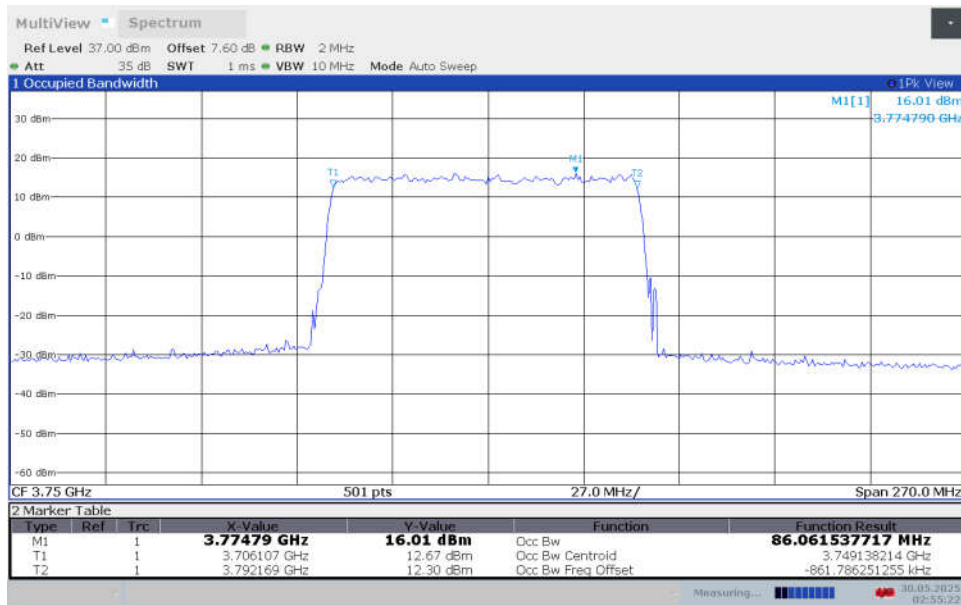
n78H,90MHz Bandwidth,DFT-s-16QAM (99% BW)



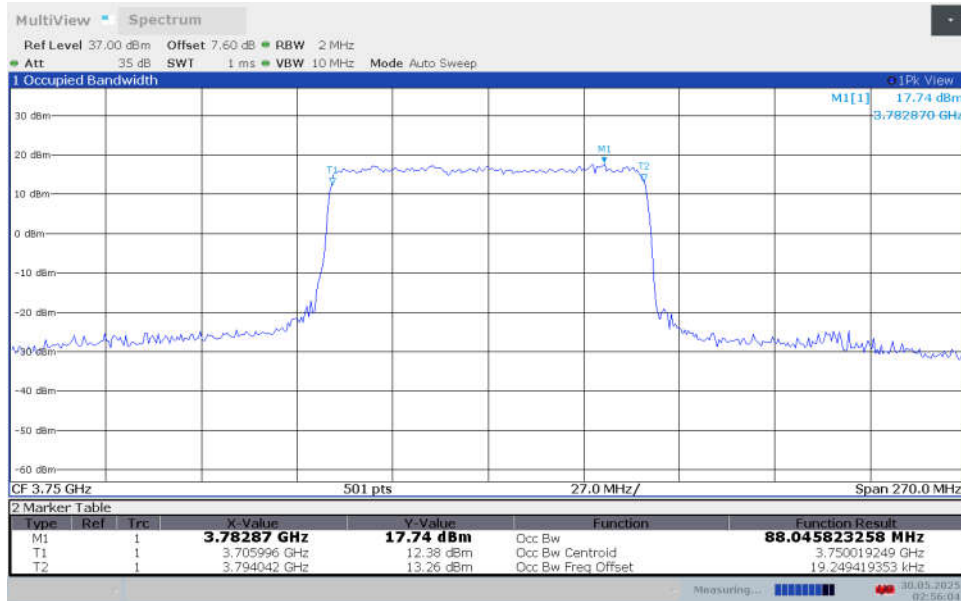
n78H,90MHz Bandwidth,DFT-s-64QAM (99% BW)



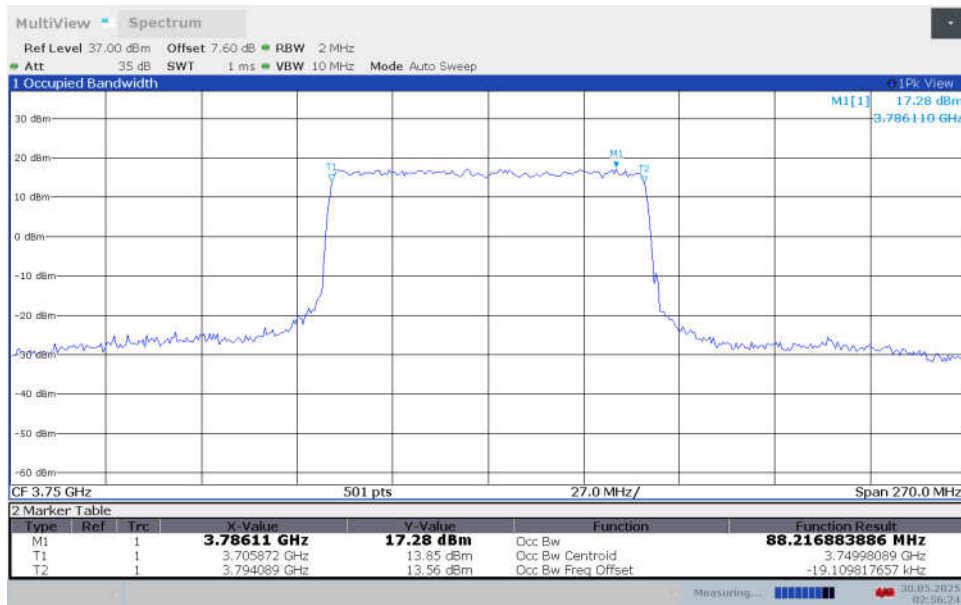
n78H,90MHz Bandwidth,DFT-s-256QAM (99% BW)



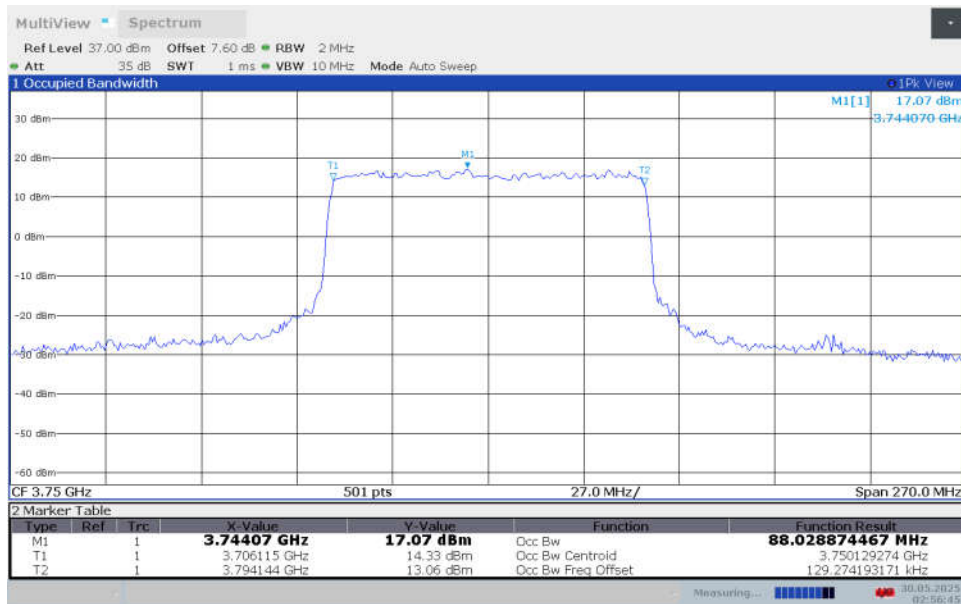
n78H,90MHz Bandwidth,CP-QPSK (99% BW)



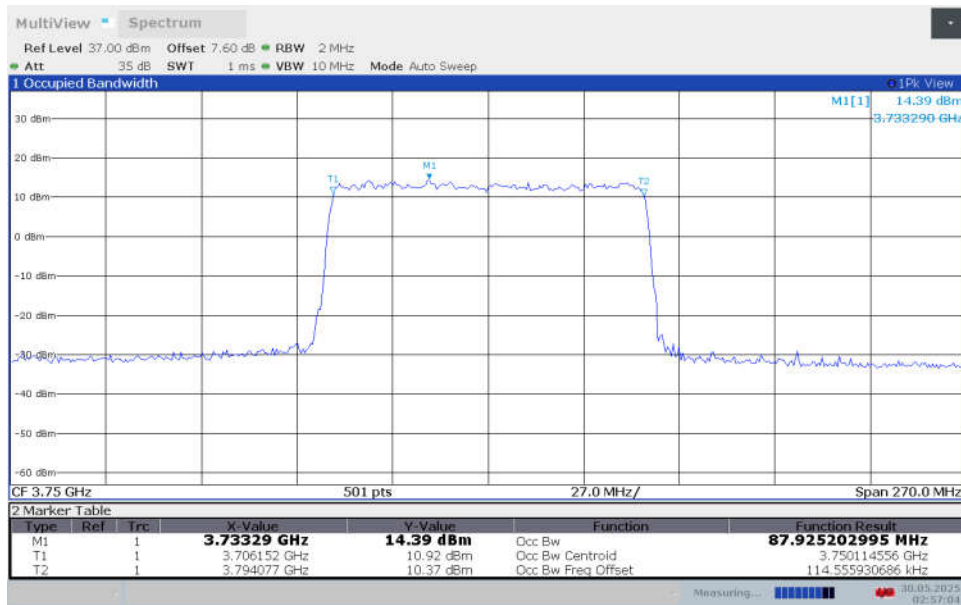
n78H,90MHz Bandwidth,CP-16QAM (99% BW)



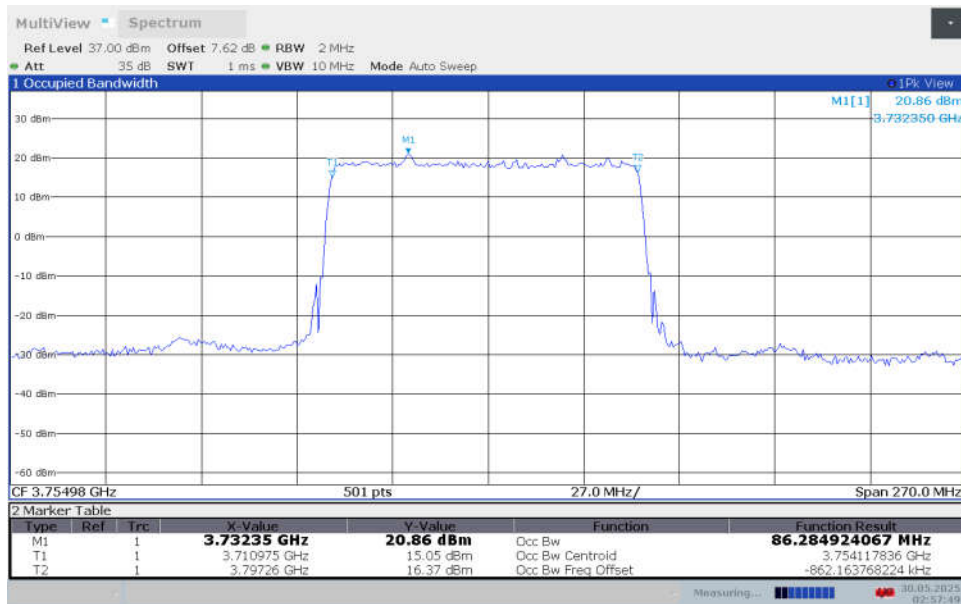
n78H,90MHz Bandwidth,CP-64QAM (99% BW)



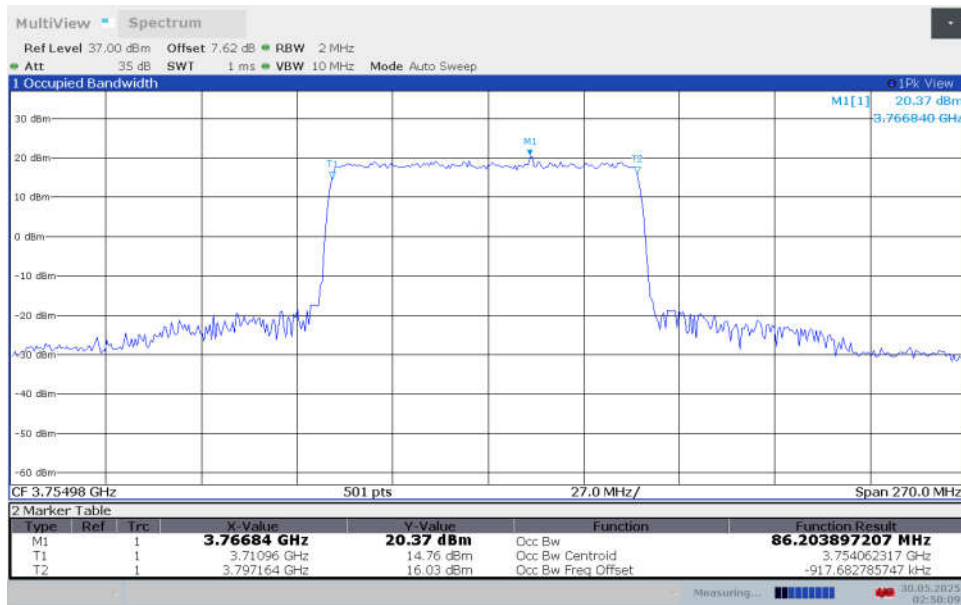
n78H,90MHz Bandwidth,CP-256QAM (99% BW)



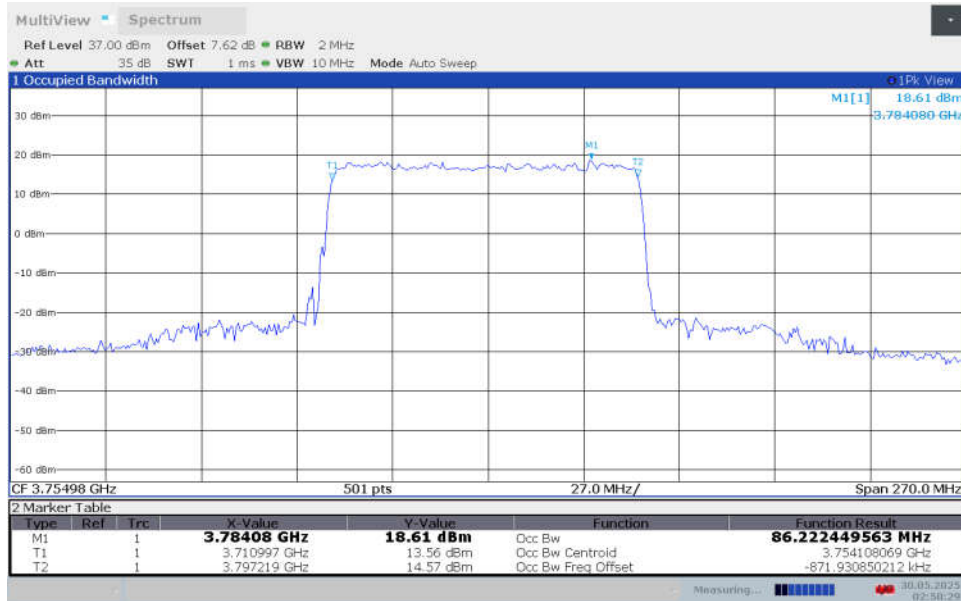
n78H,90MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



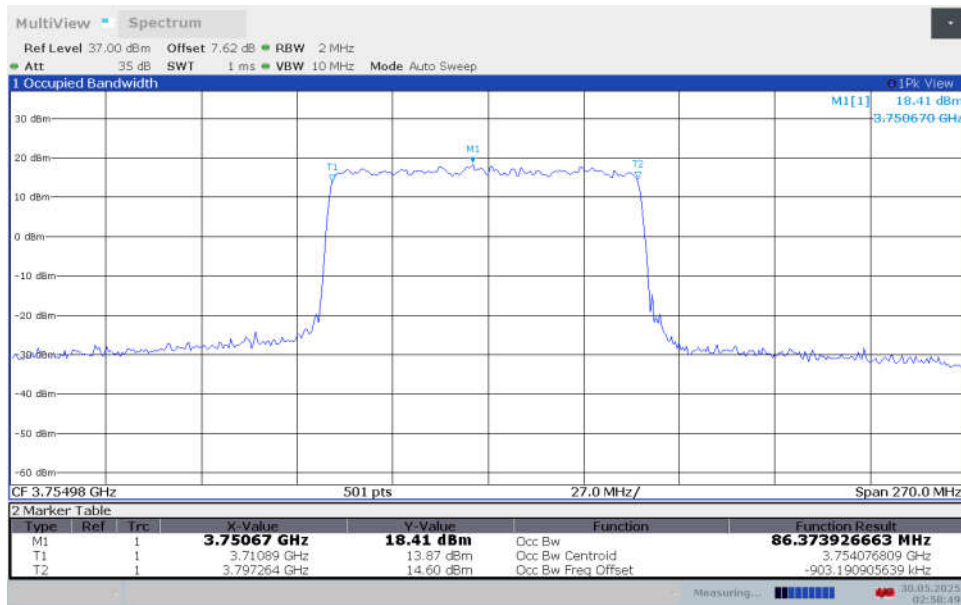
n78H,90MHz Bandwidth,DFT-s-QPSK (99% BW)



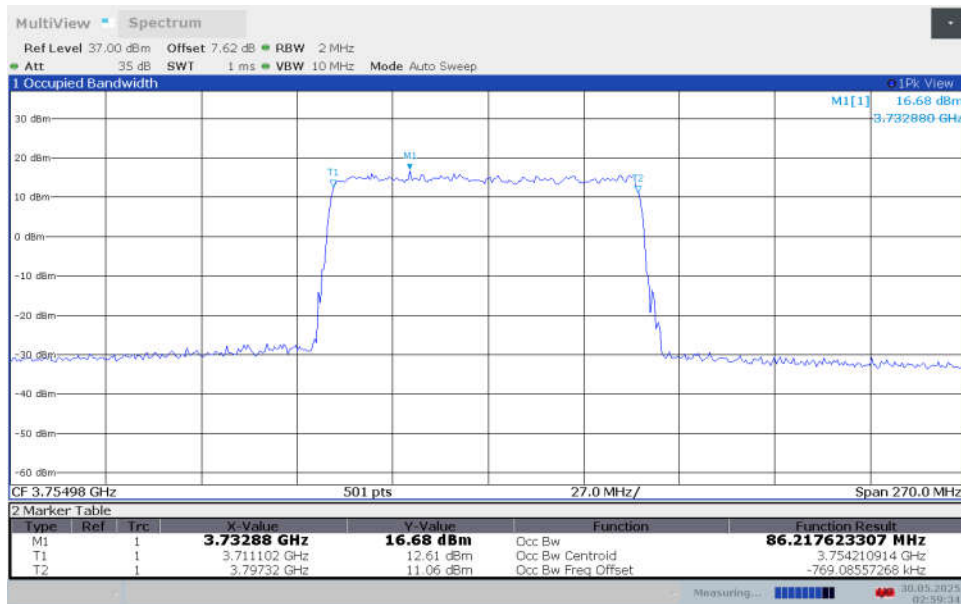
n78H,90MHz Bandwidth,DFT-s-16QAM (99% BW)



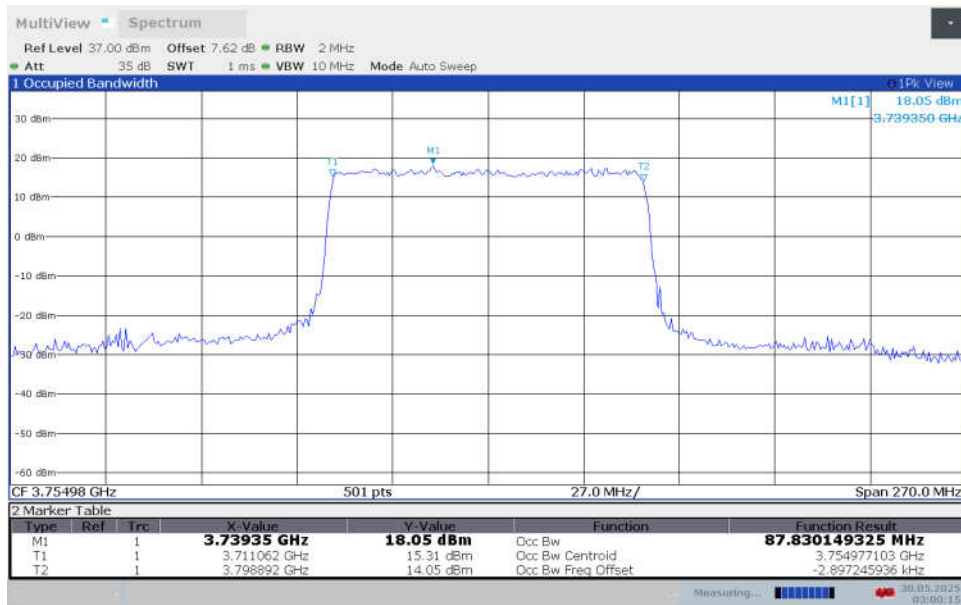
n78H,90MHz Bandwidth,DFT-s-64QAM (99% BW)



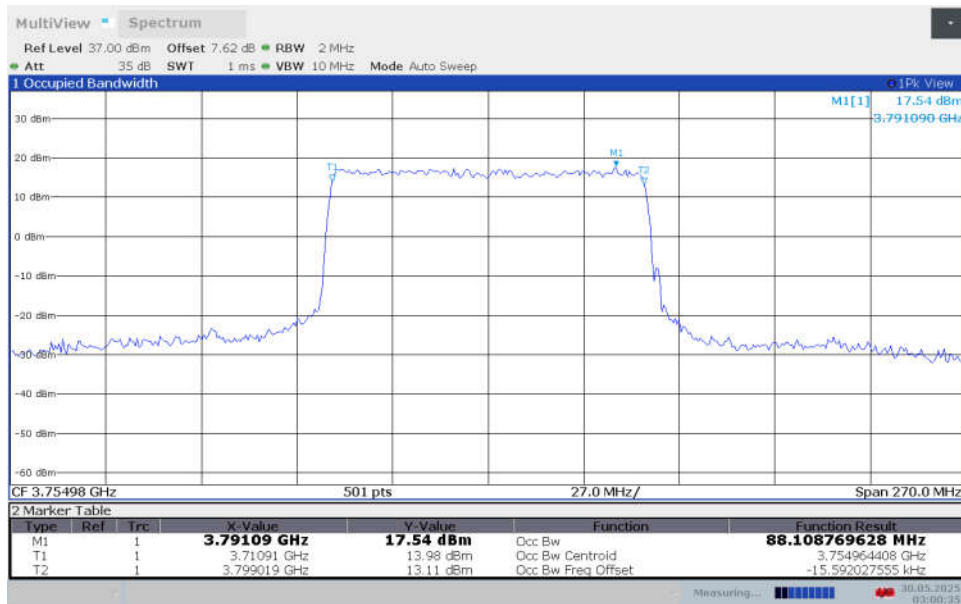
n78H,90MHz Bandwidth,DFT-s-256QAM (99% BW)



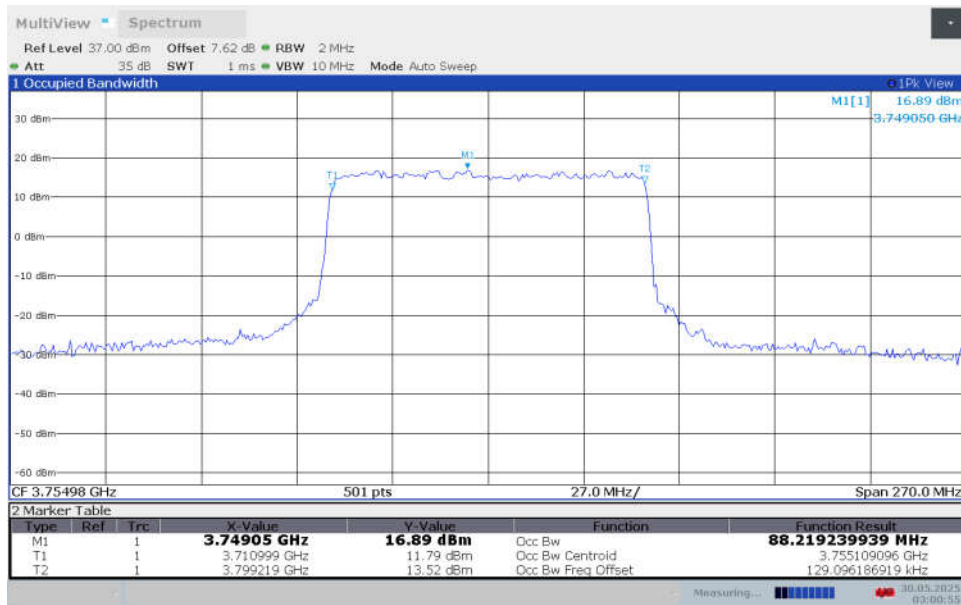
n78H,90MHz Bandwidth,CP-QPSK (99% BW)



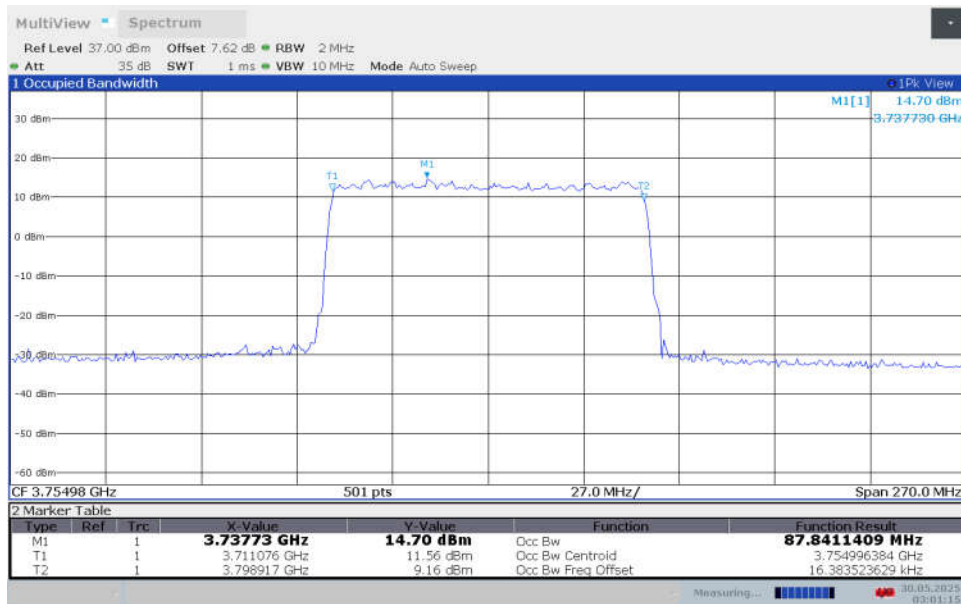
n78H,90MHz Bandwidth,CP-16QAM (99% BW)



n78H,90MHz Bandwidth,CP-64QAM (99% BW)



n78H,90MHz Bandwidth,CP-256QAM (99% BW)

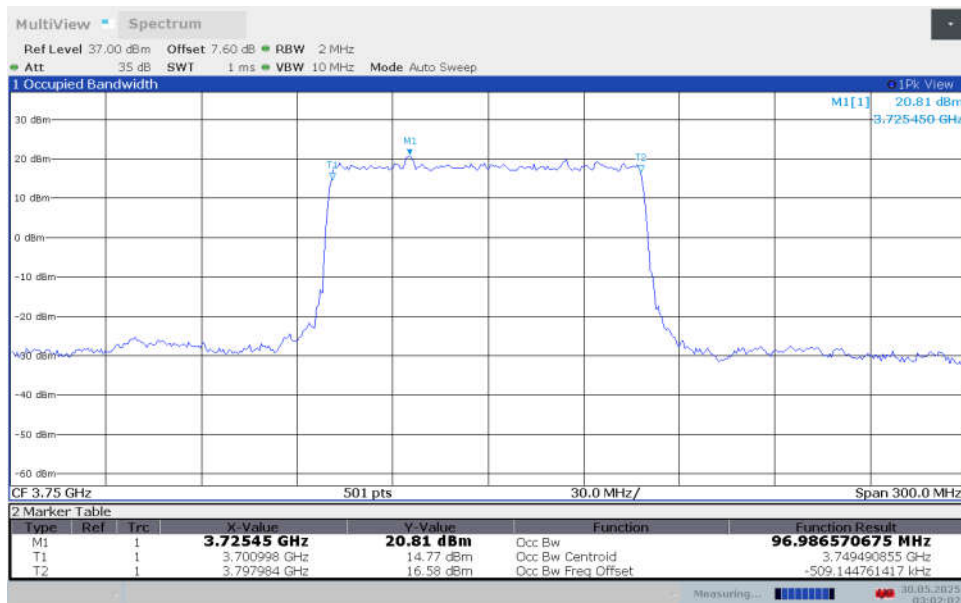


n78H

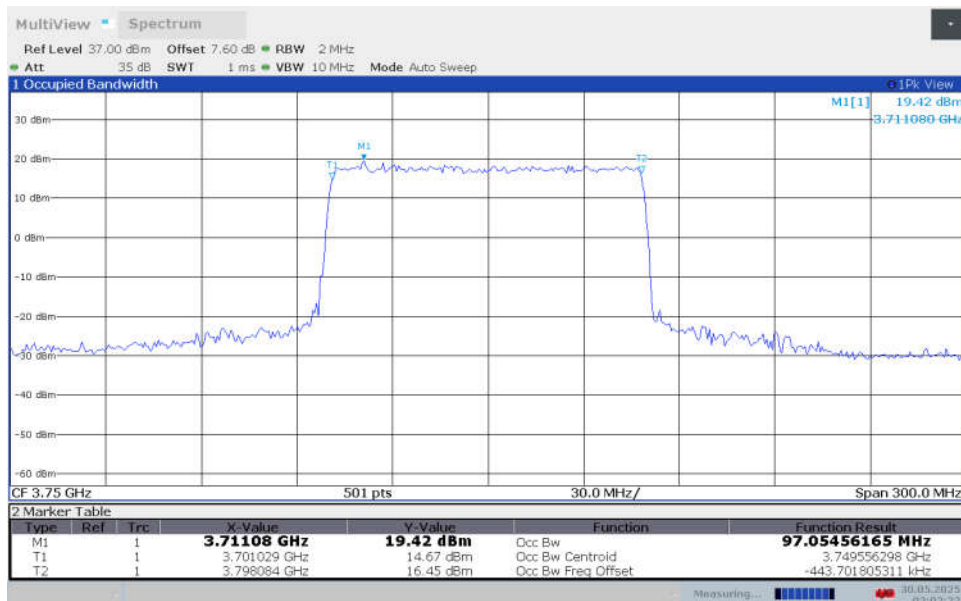
n78H,100MHz(99%)

Frequency (MHz)	Occupied Bandwidth (99%) (MHz)								
	DFT-s- pi/2 BPSK	DFT-s-Q PSK	DFT-s-16 QAM	DFT-s-64 QAM	DFT-s-256 QAM	CP-QP SK	CP-16Q AM	CP-64Q AM	CP-256 QAM
3750	96.987	97.055	97.053	97.100	96.945	98.189	97.950	98.039	98.064
3750	97.076	97.153	97.007	97.098	97.053	98.200	98.062	97.927	98.030
3750	97.119	97.214	96.997	96.872	96.878	98.165	98.119	97.765	98.021

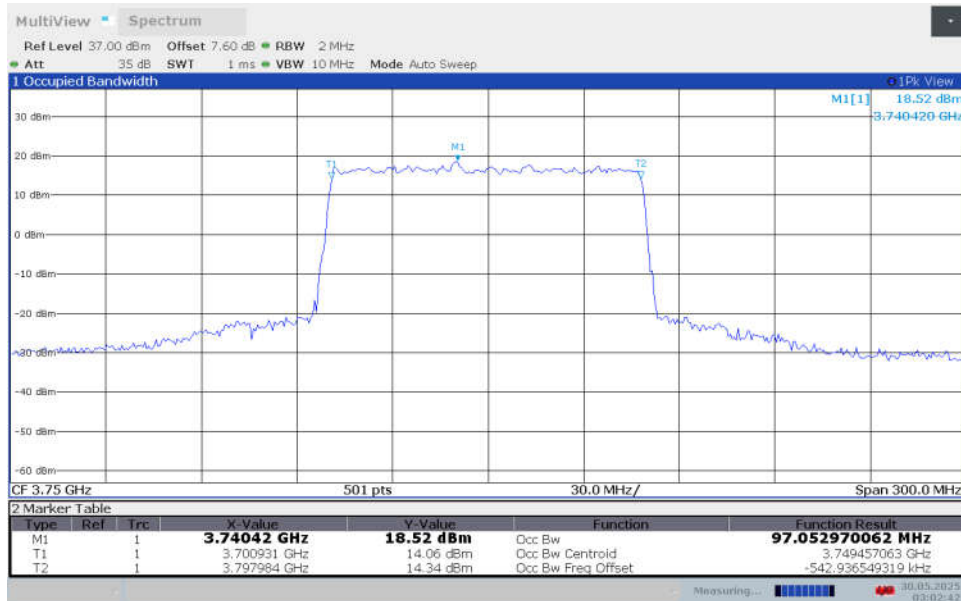
n78H,100MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



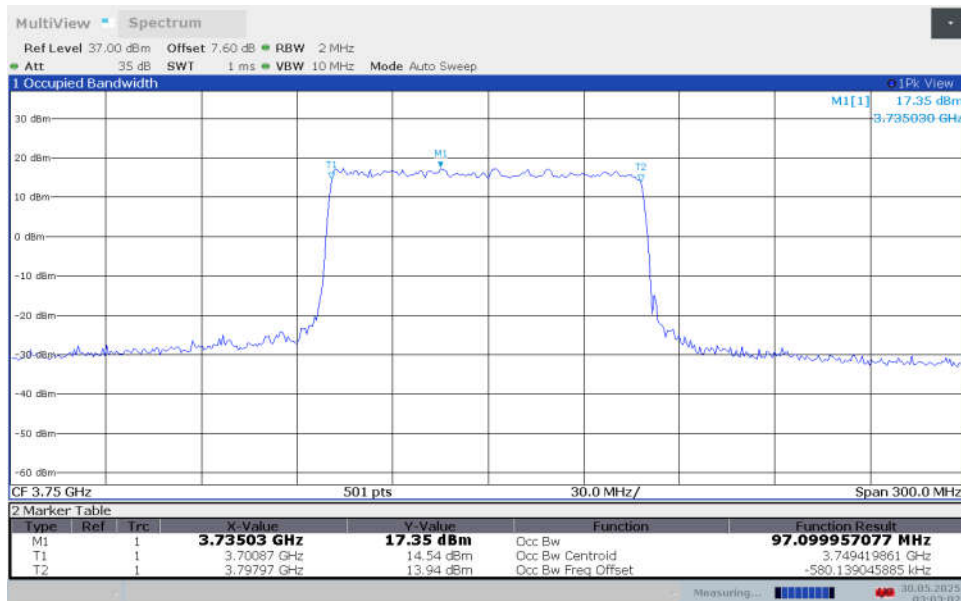
n78H,100MHz Bandwidth,DFT-s-QPSK (99% BW)



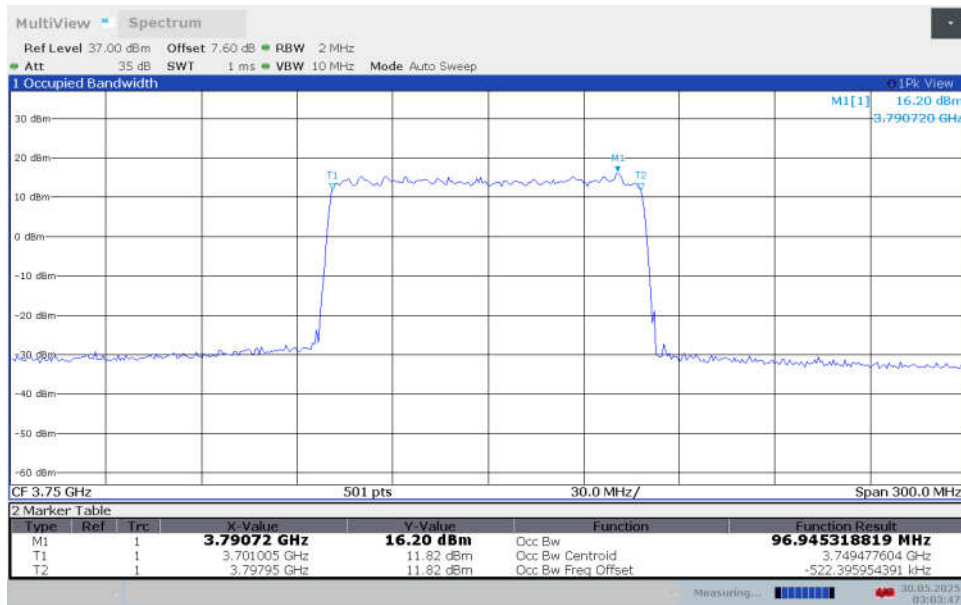
n78H,100MHz Bandwidth,DFT-s-16QAM (99% BW)



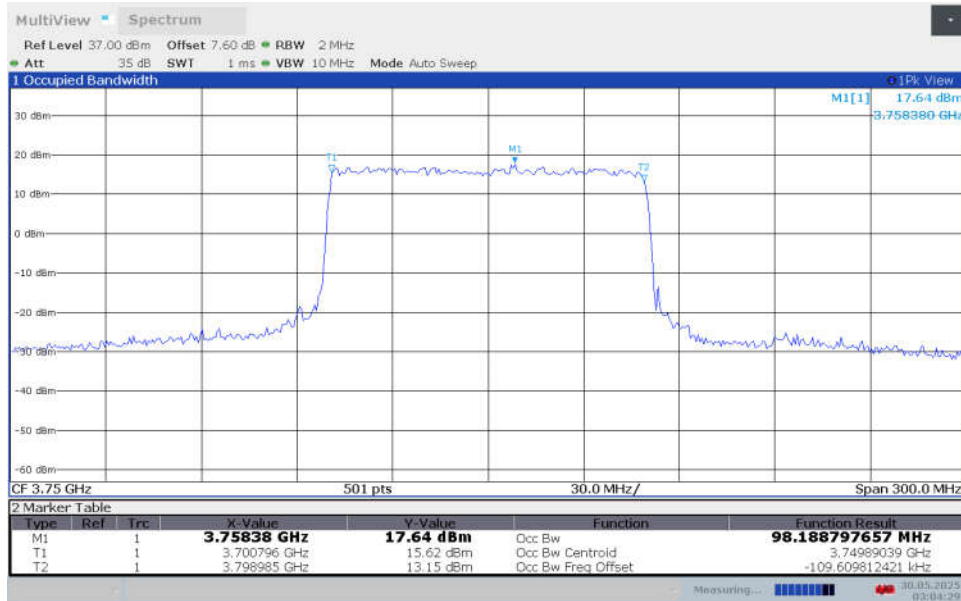
n78H,100MHz Bandwidth,DFT-s-64QAM (99% BW)



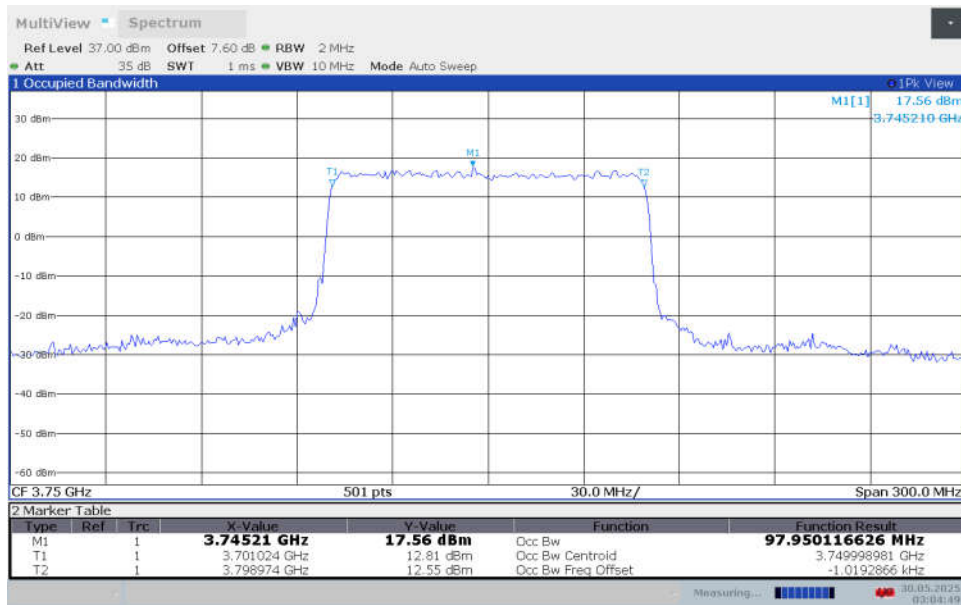
n78H,100MHz Bandwidth,DFT-s-256QAM (99% BW)



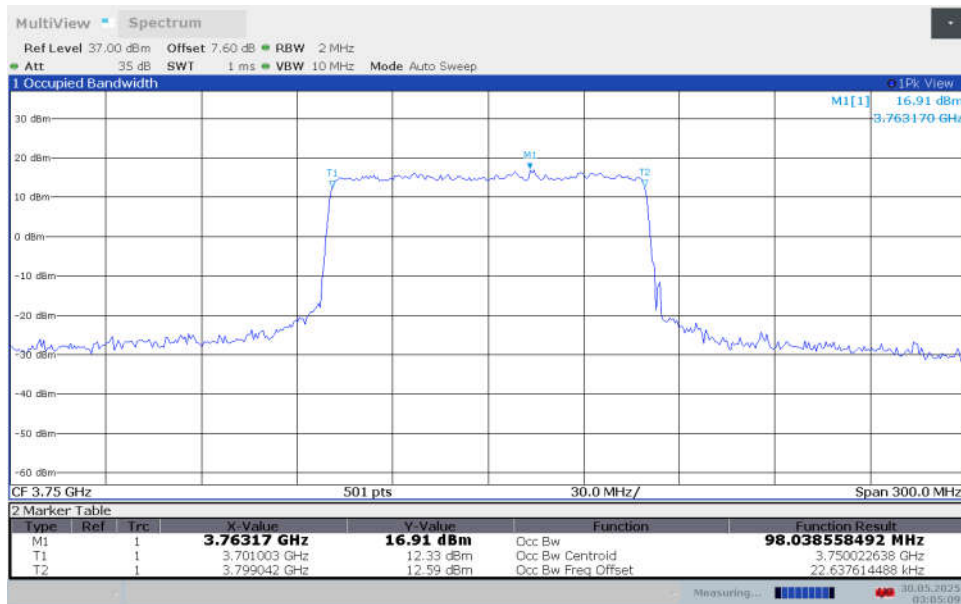
n78H,100MHz Bandwidth,CP-QPSK (99% BW)



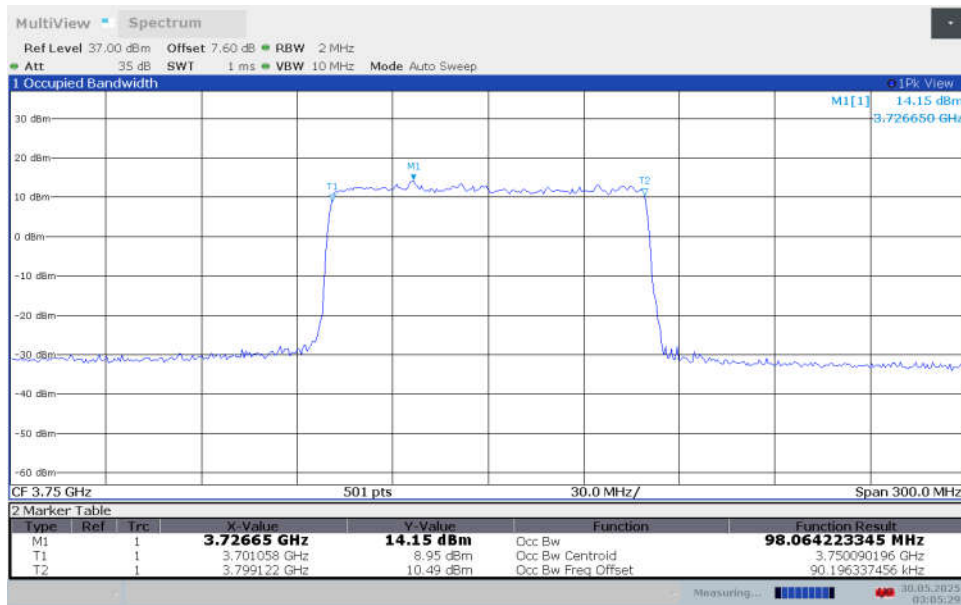
n78H,100MHz Bandwidth,CP-16QAM (99% BW)



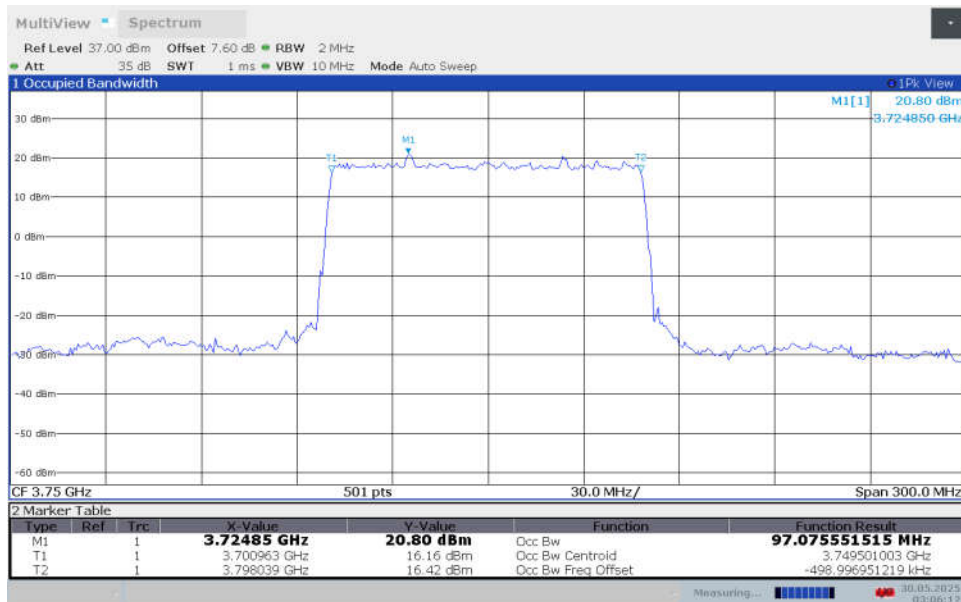
n78H,100MHz Bandwidth,CP-64QAM (99% BW)



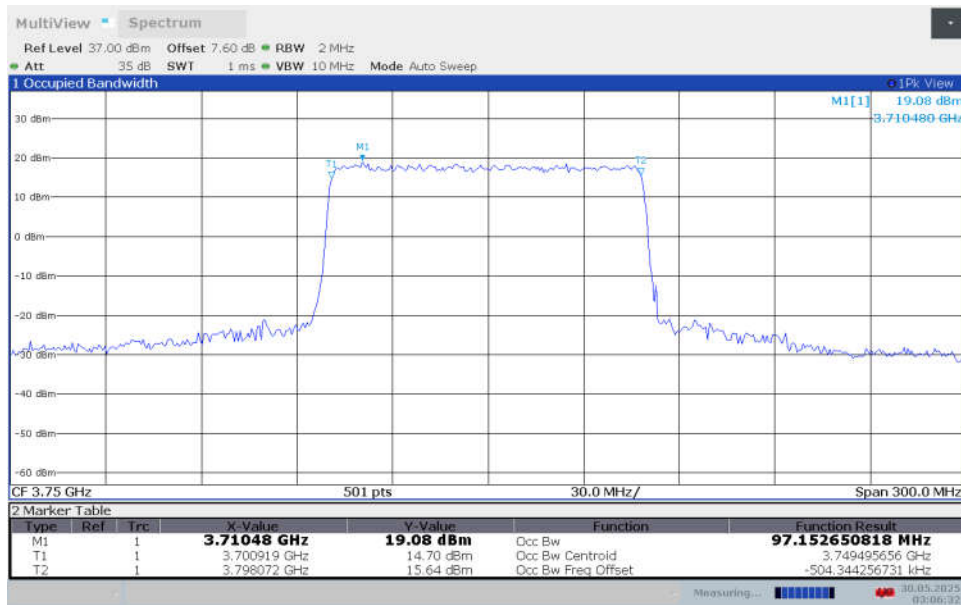
n78H,100MHz Bandwidth,CP-256QAM (99% BW)



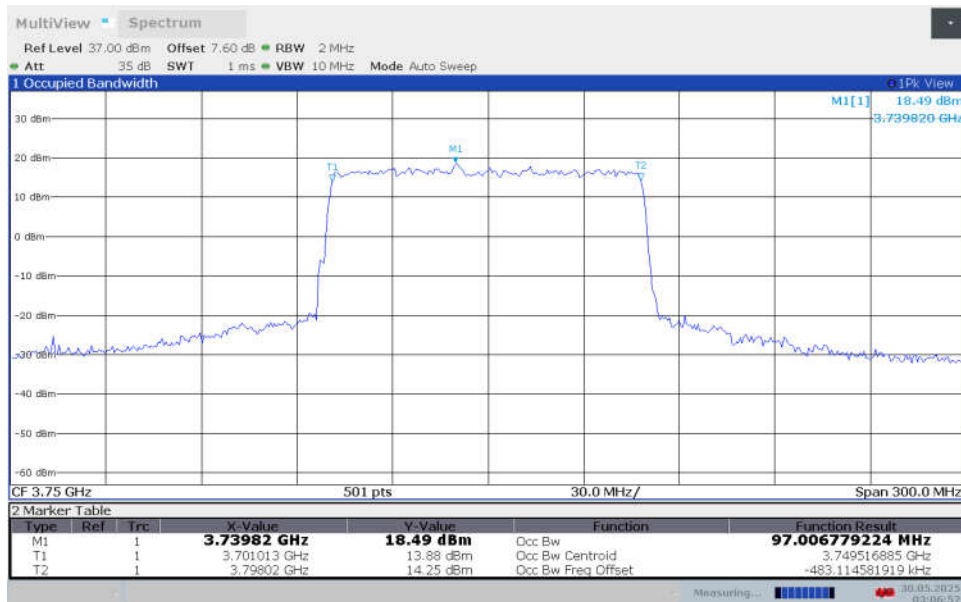
n78H,100MHz Bandwidth,DFT-s-PI/2 BPSK (99% BW)



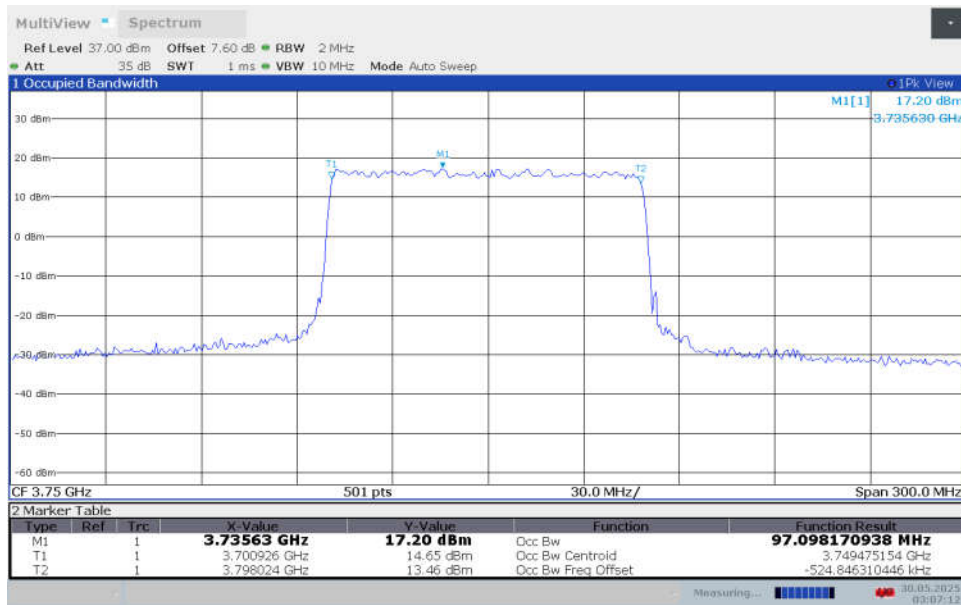
n78H,100MHz Bandwidth,DFT-s-QPSK (99% BW)



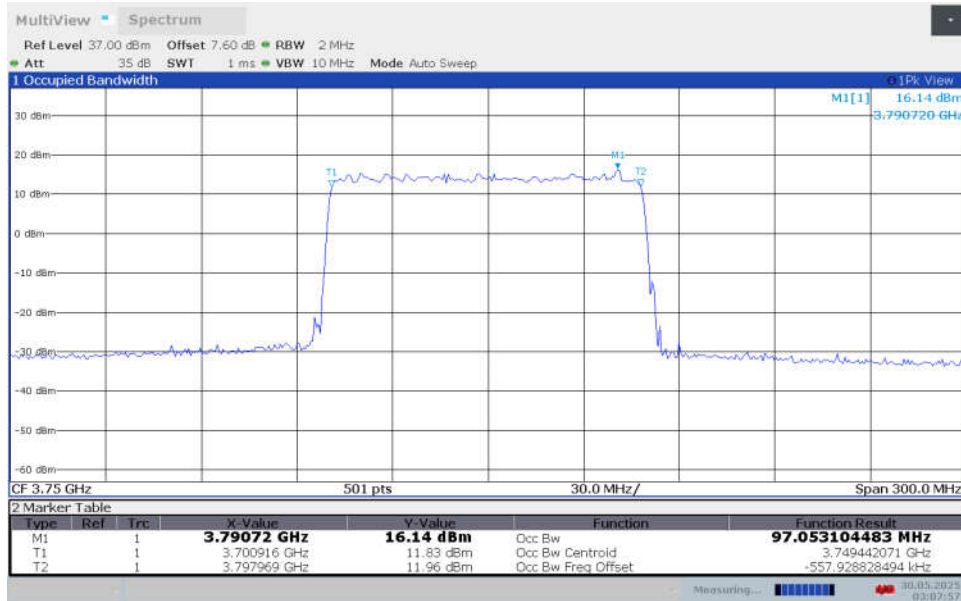
n78H,100MHz Bandwidth,DFT-s-16QAM (99% BW)



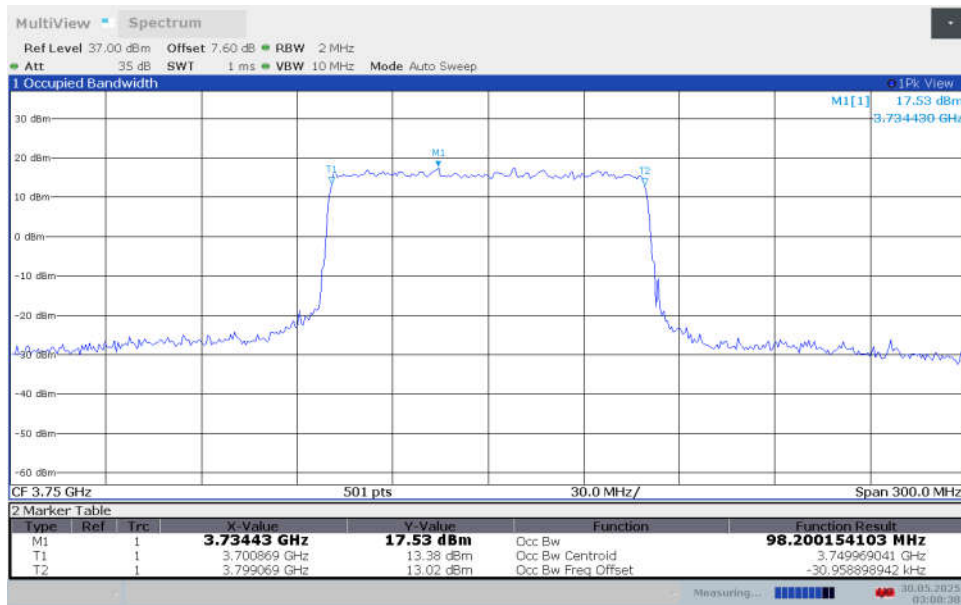
n78H,100MHz Bandwidth,DFT-s-64QAM (99% BW)



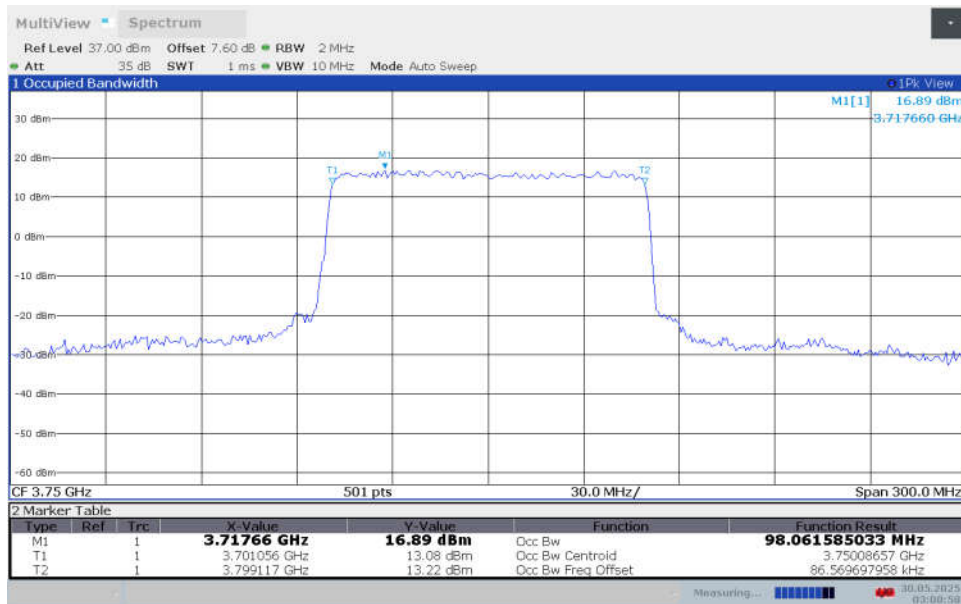
n78H,100MHz Bandwidth,DFT-s-256QAM (99% BW)



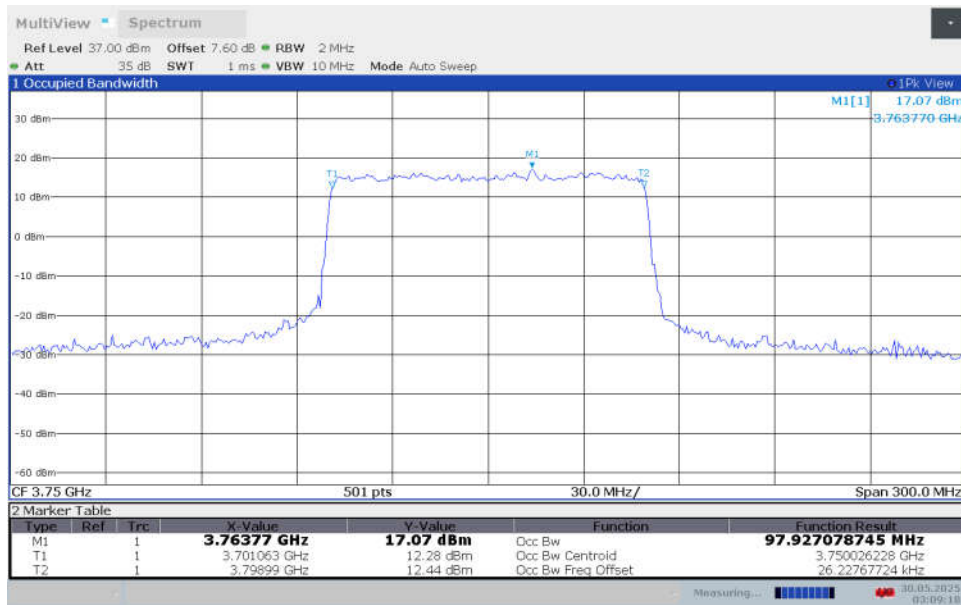
n78H,100MHz Bandwidth,CP-QPSK (99% BW)



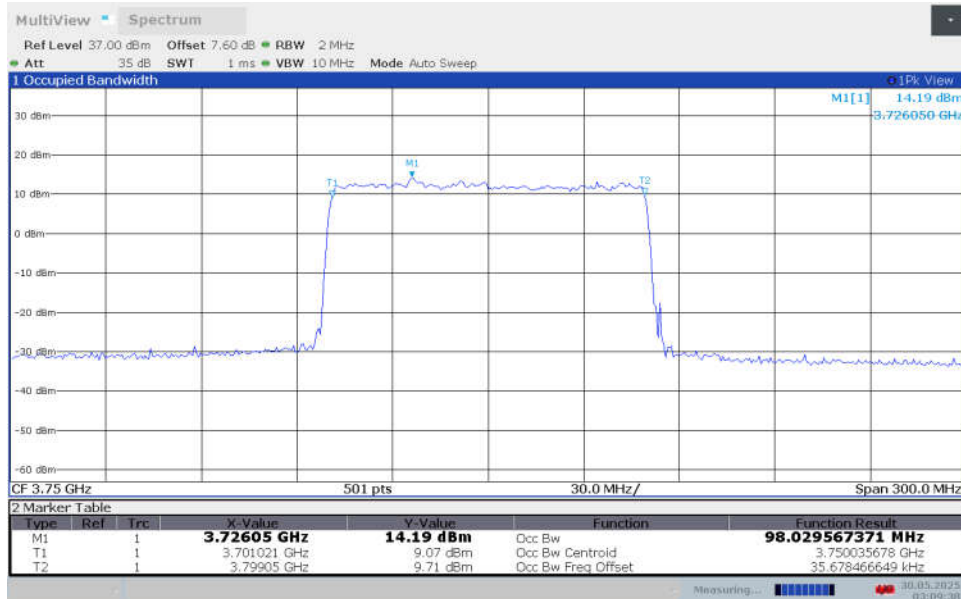
n78H,100MHz Bandwidth,CP-16QAM (99% BW)



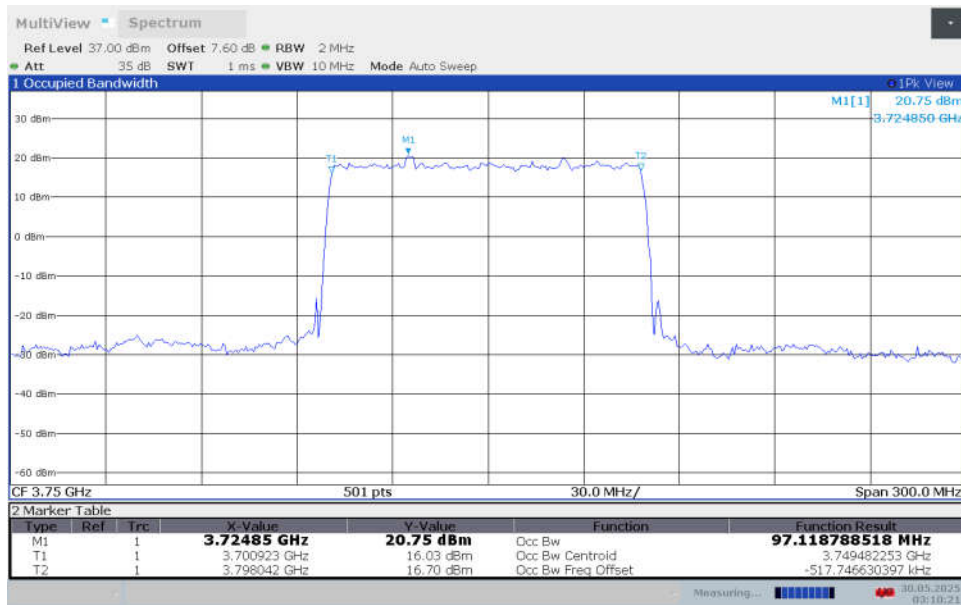
n78H,100MHz Bandwidth,CP-64QAM (99% BW)



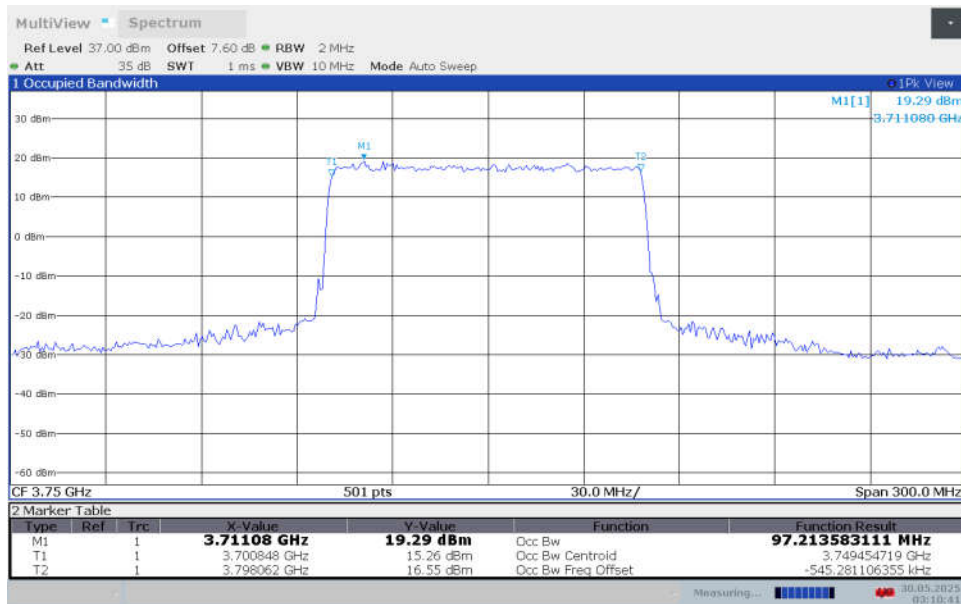
n78H,100MHz Bandwidth,CP-256QAM (99% BW)



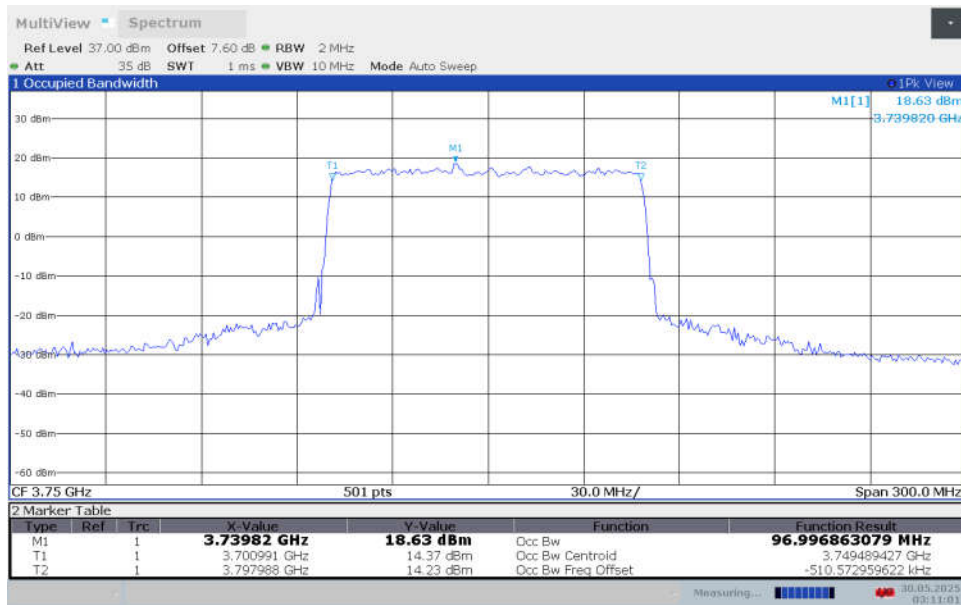
n78H,100MHz Bandwidth,DFT-s-pi/2 BPSK (99% BW)



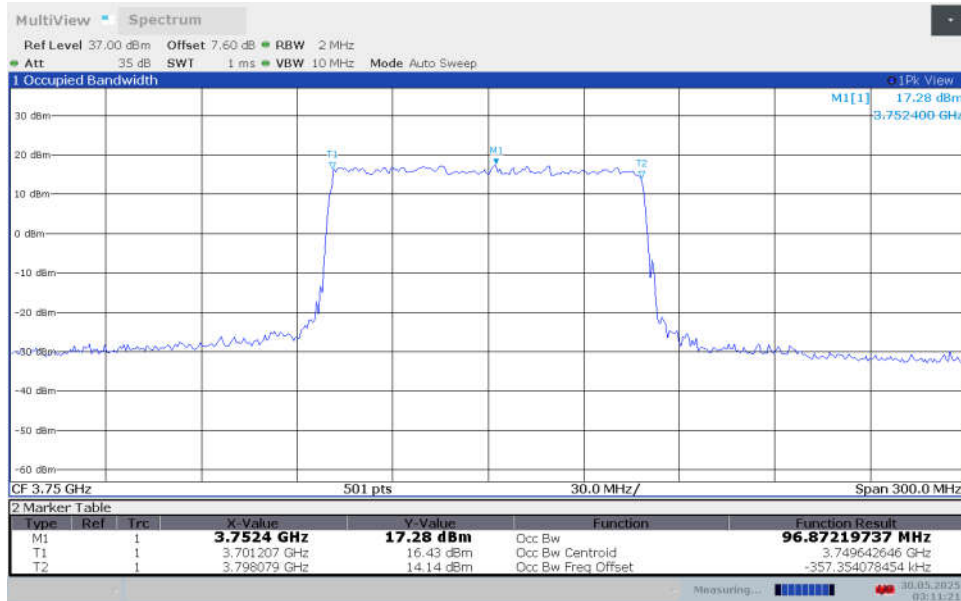
n78H,100MHz Bandwidth,DFT-s-QPSK (99% BW)



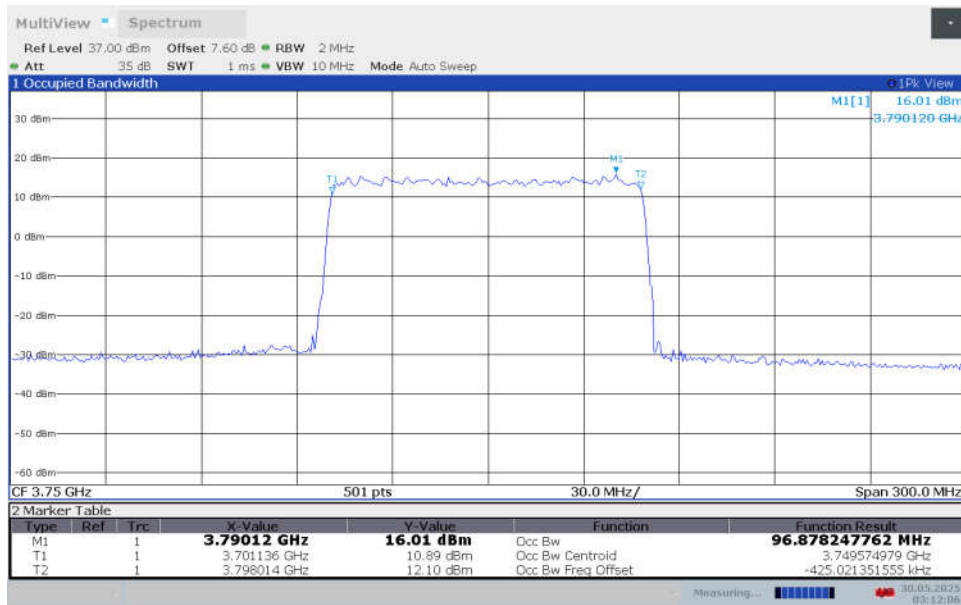
n78H,100MHz Bandwidth,DFT-s-16QAM (99% BW)



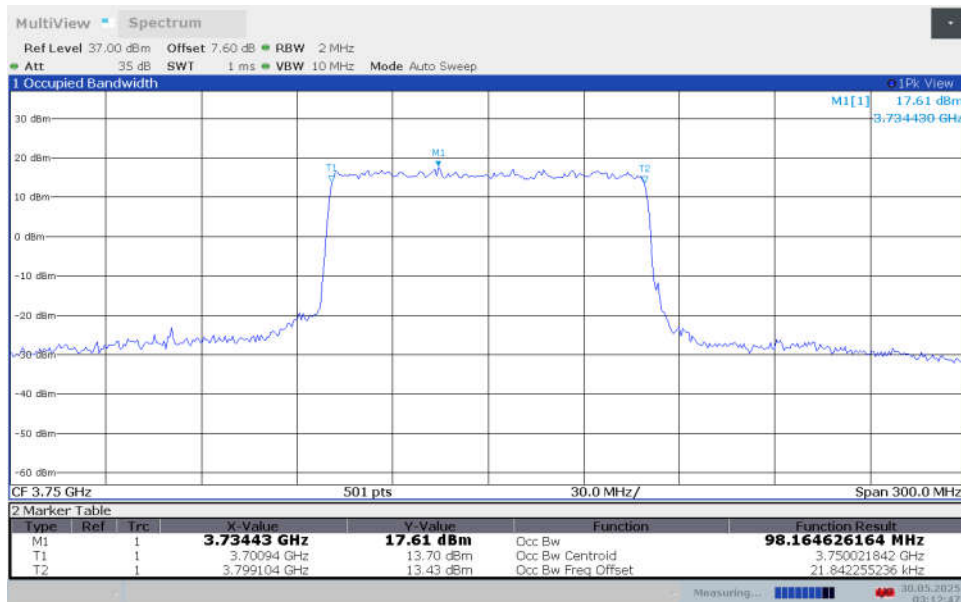
n78H,100MHz Bandwidth,DFT-s-64QAM (99% BW)



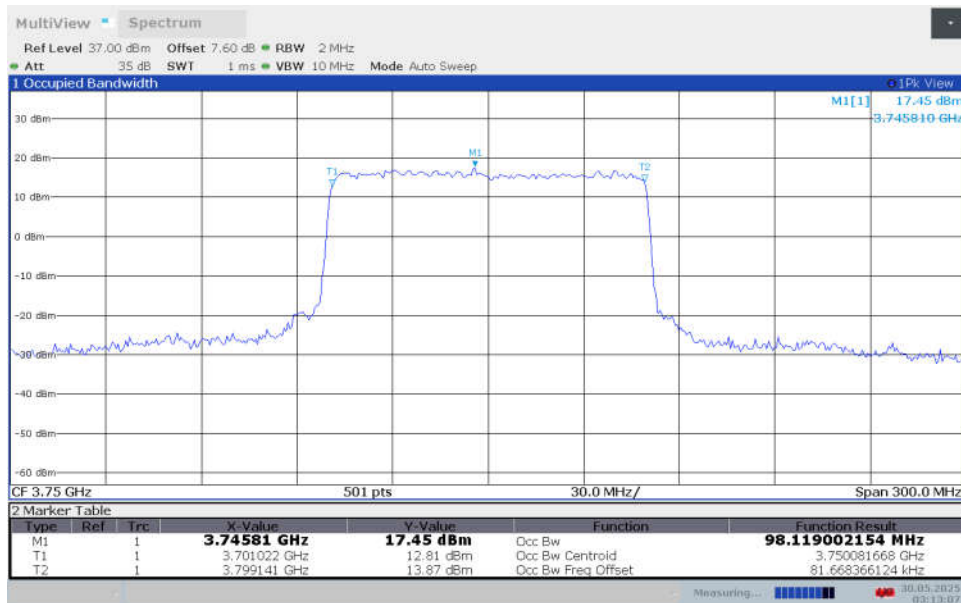
n78H,100MHz Bandwidth,DFT-s-256QAM (99% BW)



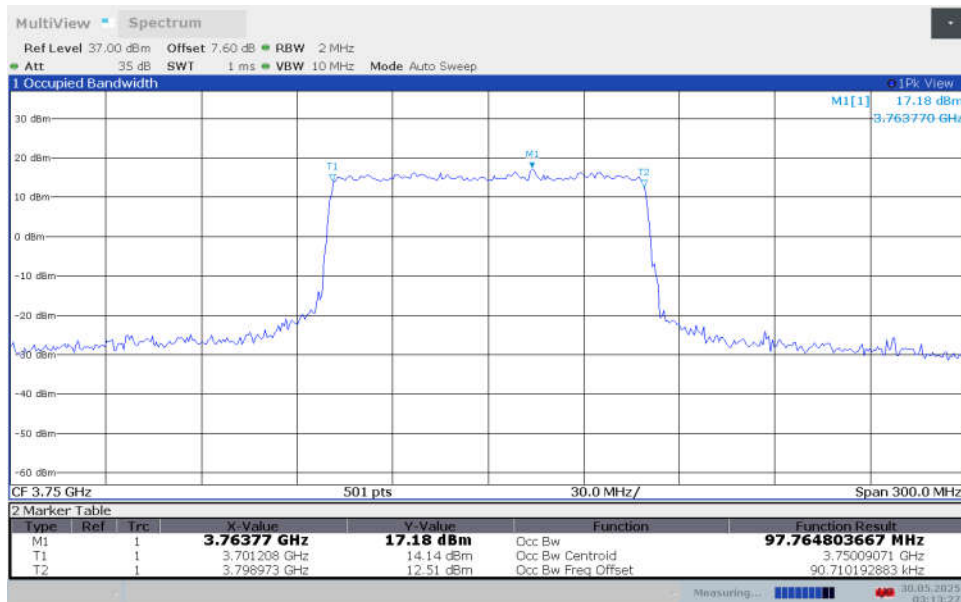
n78H,100MHz Bandwidth,CP-QPSK (99% BW)



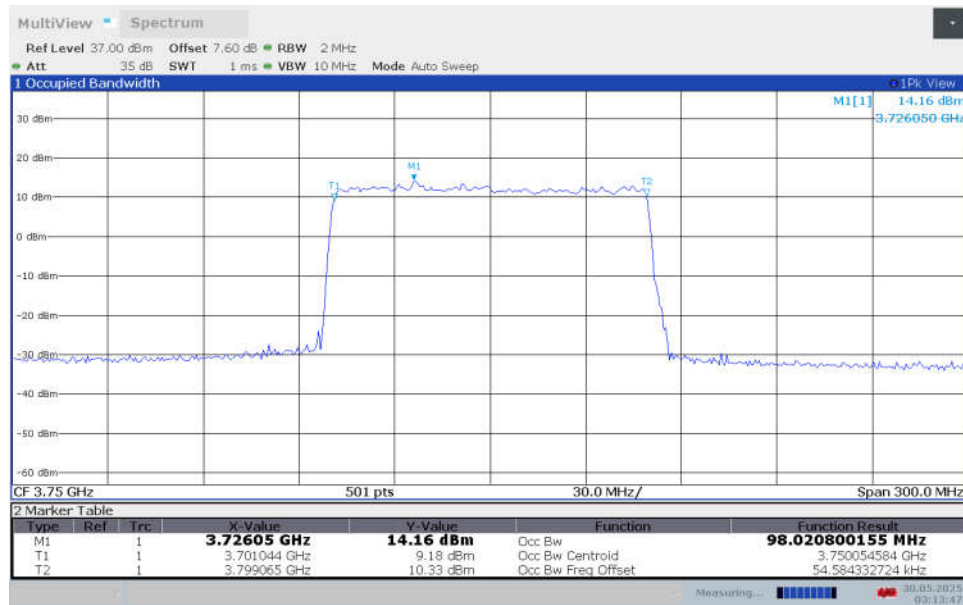
n78H,100MHz Bandwidth,CP-16QAM (99% BW)



n78H,100MHz Bandwidth,CP-64QAM (99% BW)



n78H,100MHz Bandwidth,CP-256QAM (99% BW)



Note: Expanded measurement uncertainty is $U = 3428$ Hz, $k = 2$

A.5 EMISSION BANDWIDTH

A.5.1 Measurement Procedure

The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

- a) The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be set wide enough to capture all modulation products including the emission skirts (i.e., two to five times the OBW).
- b) The nominal IF filter bandwidth 3 dB (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
- c) Set the reference level of the instrument as required to keep the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope must be at least $10\log(\text{OBW} / \text{RBW})$ below the reference level.
- d) Set the detection mode to peak, and the trace mode to max hold.
- e) Use the 26dB bandwidth function of the spectrum analyzer and report the measured bandwidth.

A.5.2 Emission Bandwidth Results

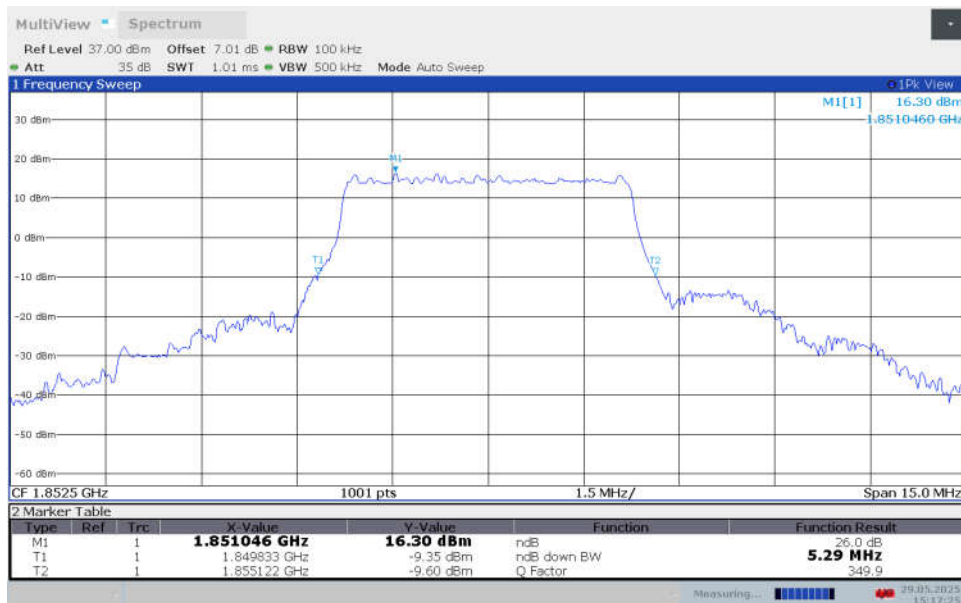
Similar to conducted emissions; Emission bandwidth measurements are only provided for selected frequencies in order to reduce the amount of submitted data. Data were taken at the extreme and mid frequencies. Table below lists the measured -26dBc BW. Spectrum analyzer plots are included on the following pages.

n2

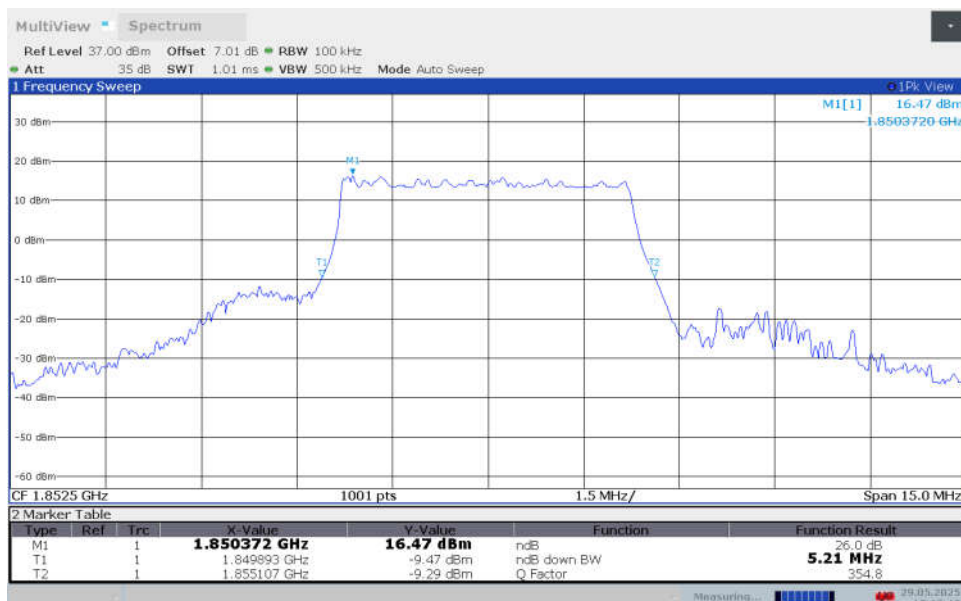
n2,5MHz(-26dBc)

Frequency (MHz)	Emission Bandwidth (-26dBc) (MHz)								
	DFT-s- pi/2 BPSK	DFT-s- QPSK	DFT-s-16 QAM	DFT-s-64 QAM	DFT-s-256 QAM	CP-QP SK	CP-16Q AM	CP-64Q AM	CP-256QA M
1852.5	5.290	5.215	5.170	5.275	5.305	5.215	5.320	5.335	5.350
1880	5.275	5.230	5.170	5.305	5.275	5.320	5.290	5.380	5.260
1907.5	5.395	5.080	5.230	5.275	5.245	5.260	5.245	5.305	4.795

n2,5MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



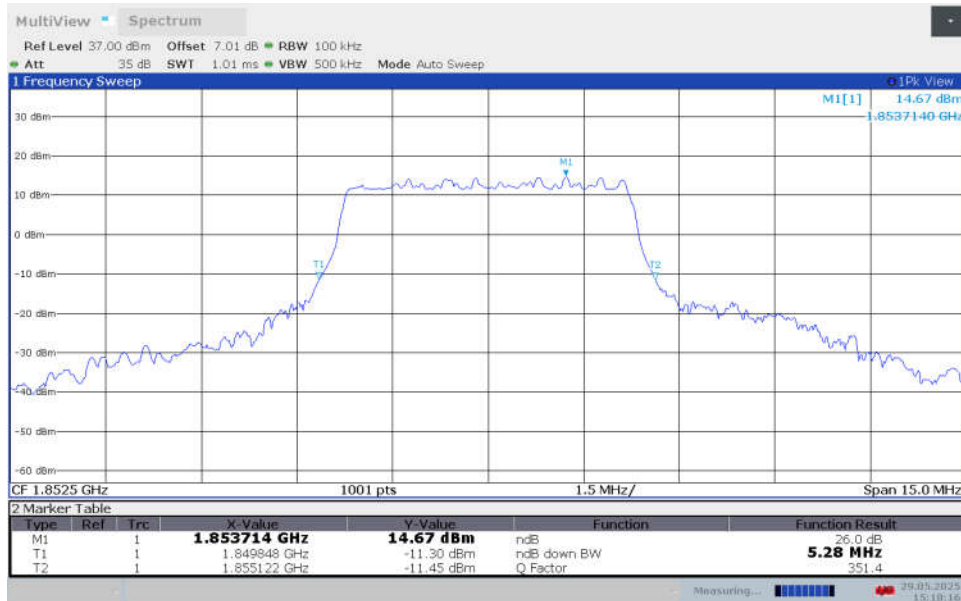
n2,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



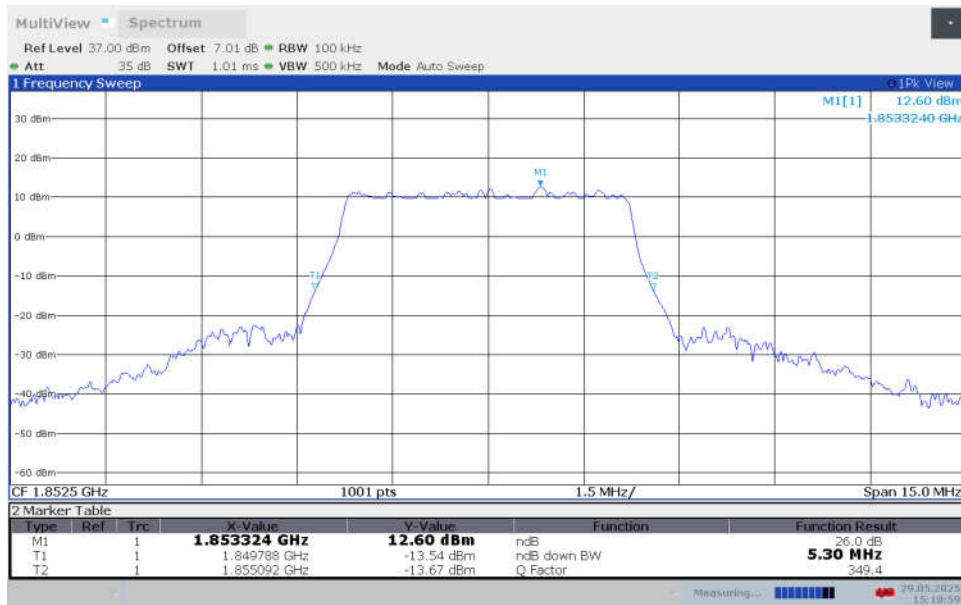
n2,5MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



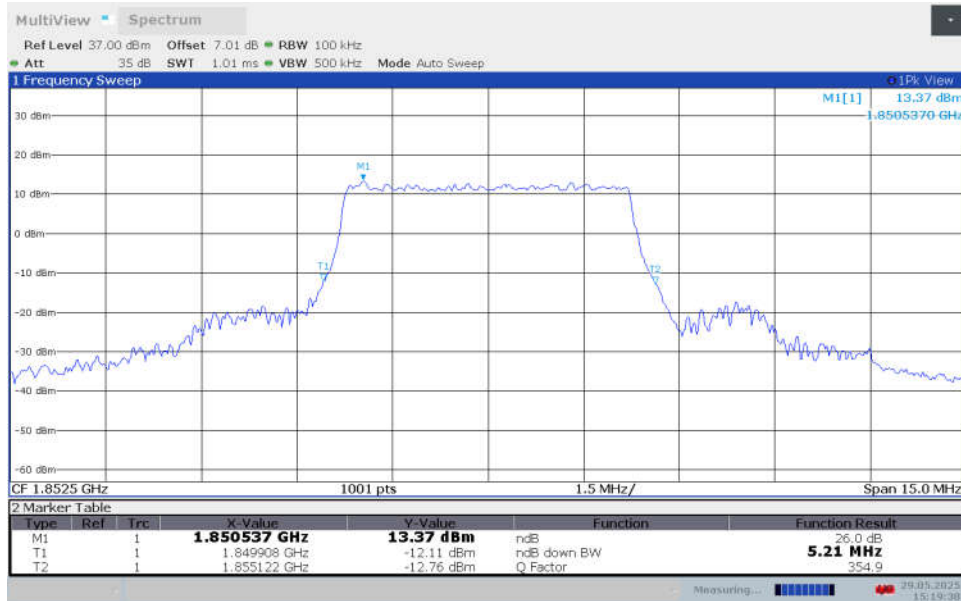
n2,5MHz Bandwidth,DFT-s-64QAM (-26dBc BW)



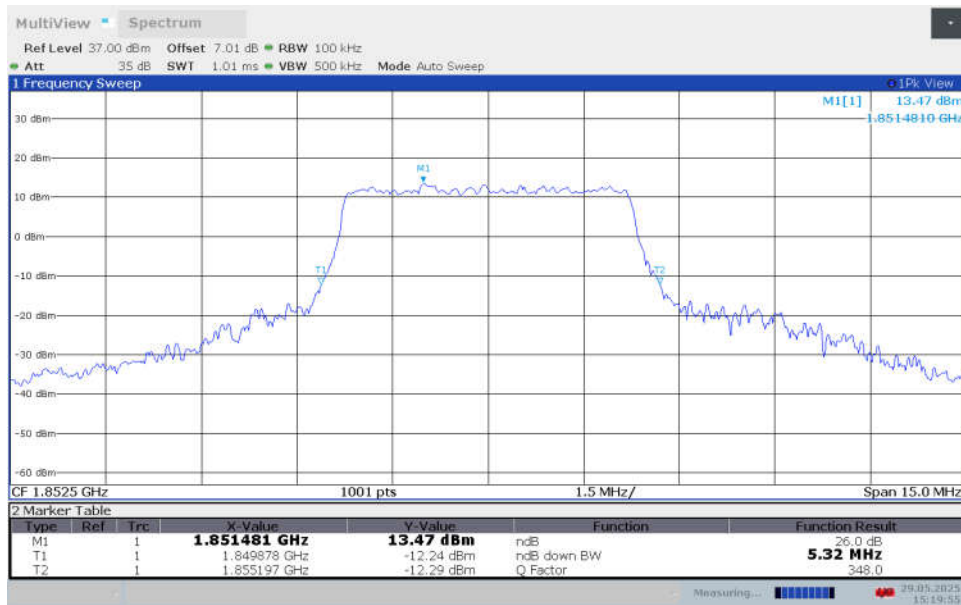
n2,5MHz Bandwidth,DFT-s-256QAM (-26dBc BW)



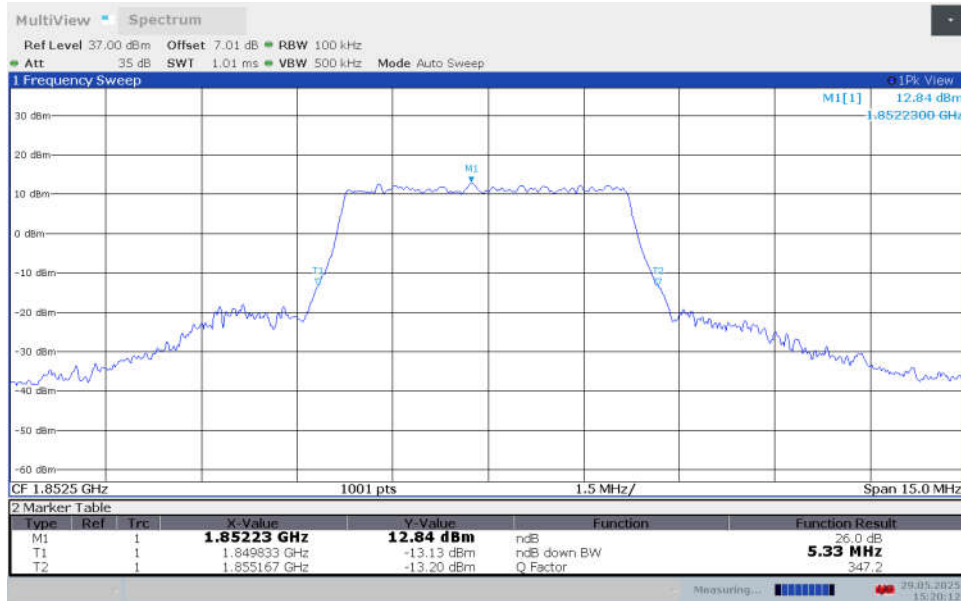
n2,5MHz Bandwidth,CP-QPSK (-26dBc BW)



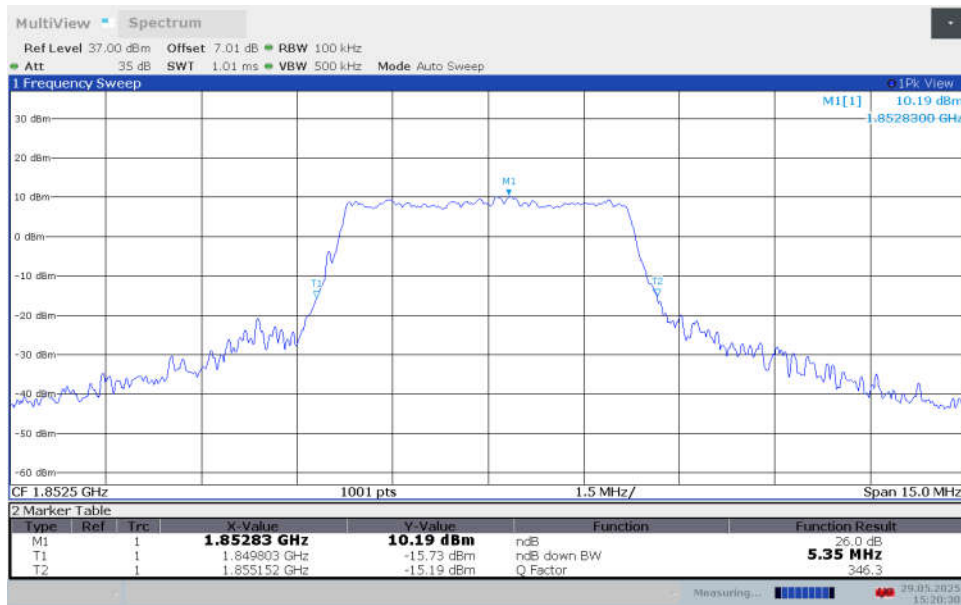
n2,5MHz Bandwidth,CP-16QAM (-26dBc BW)



n2,5MHz Bandwidth,CP-64QAM (-26dBc BW)



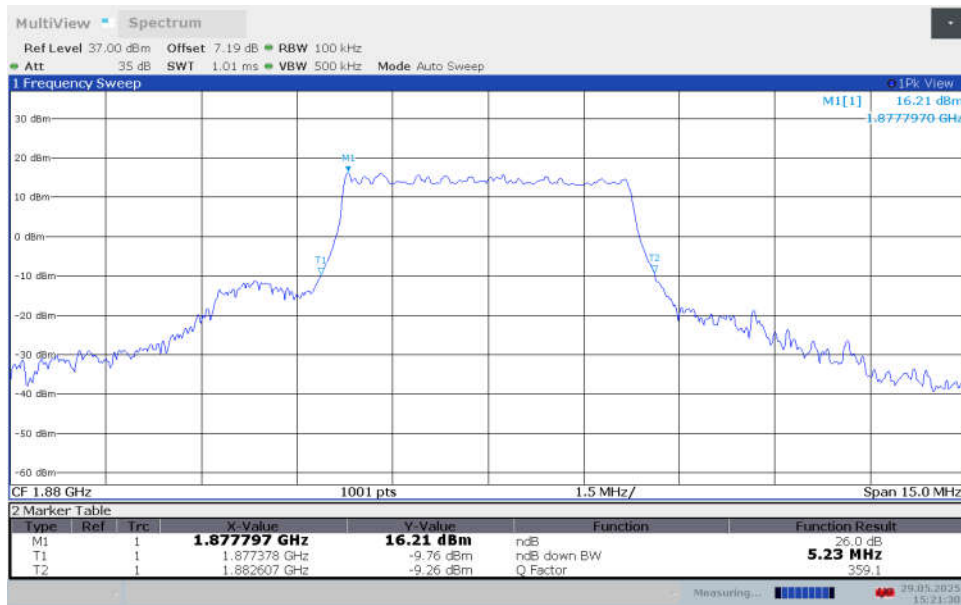
n2,5MHz Bandwidth,CP-256QAM (-26dBc BW)



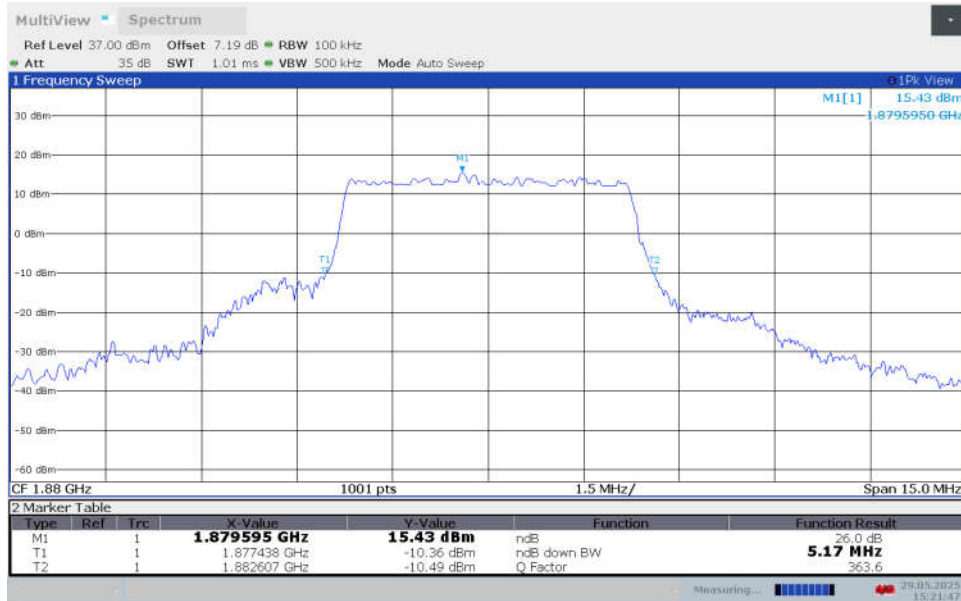
n2,5MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n2,5MHz Bandwidth,DFT-s-QPSK (-26dBc BW)



n2,5MHz Bandwidth,DFT-s-16QAM (-26dBc BW)



n2,5MHz Bandwidth,DFT-s-64QAM (-26dBc BW)