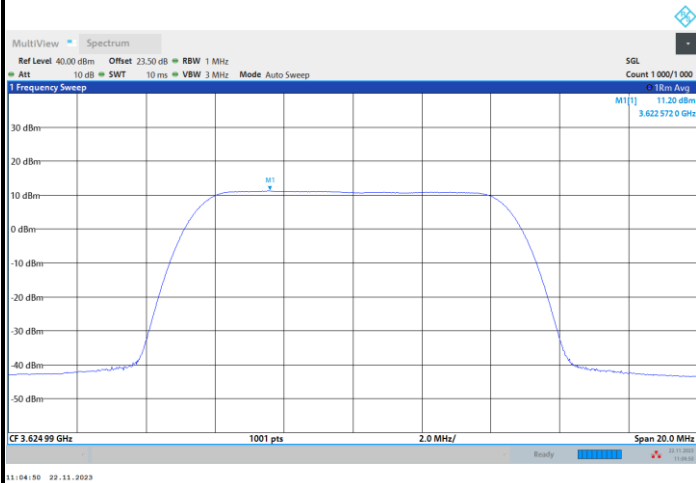


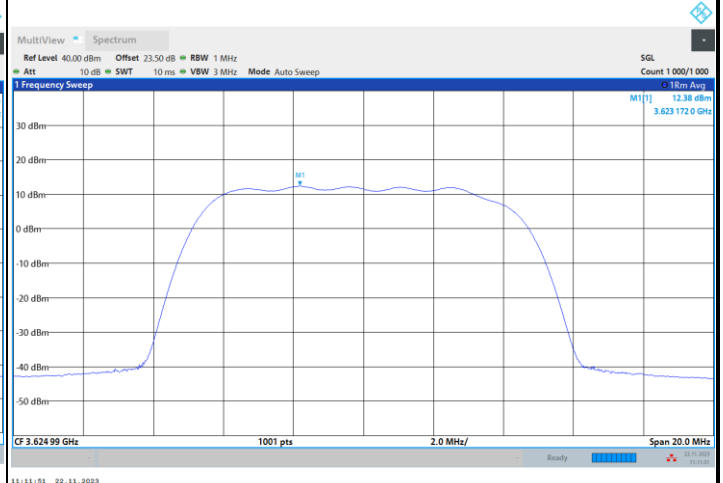


FR1 n48 / 10MHz / Middle Channel / PSD

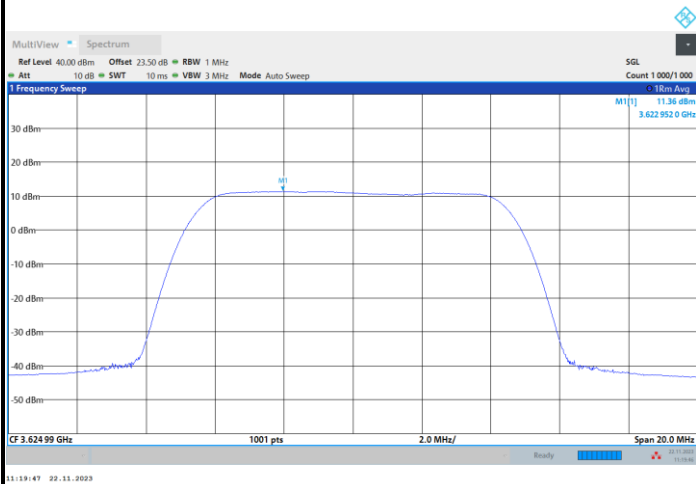
QPSK



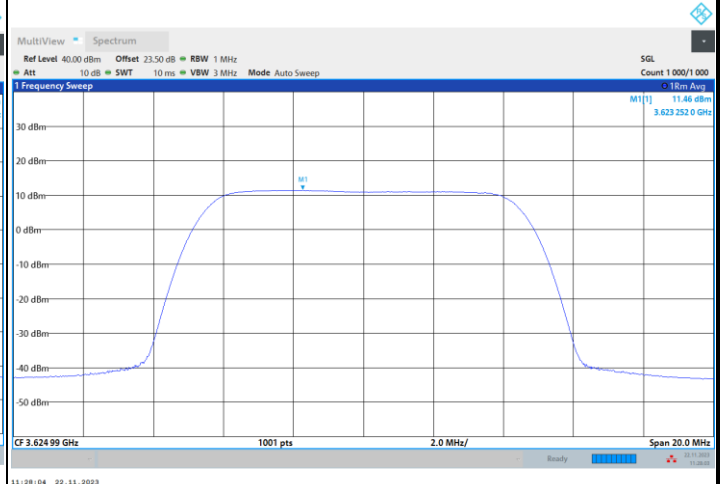
16QAM



64QAM



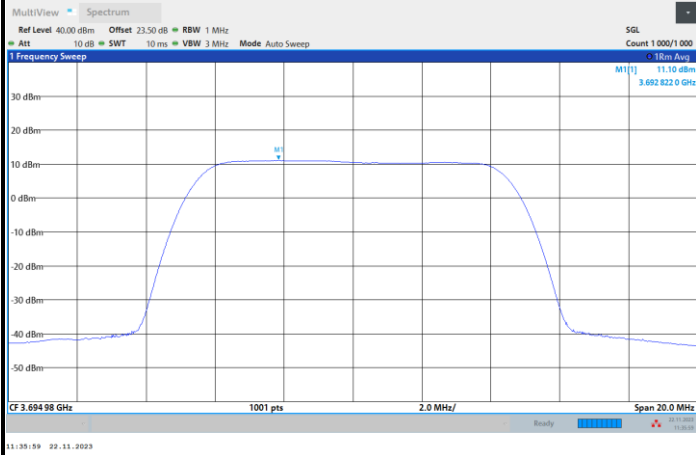
256QAM



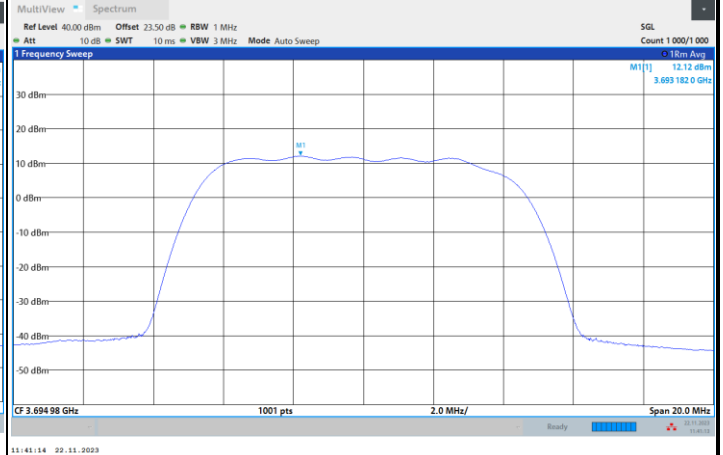


FR1 n48 / 10MHz / Highest Channel / PSD

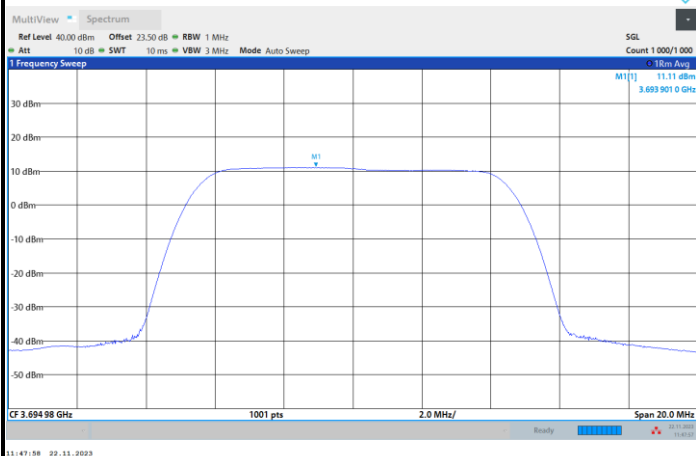
QPSK



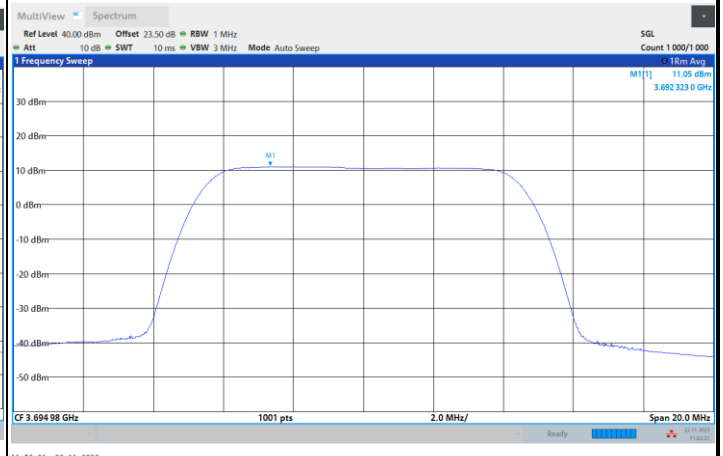
16QAM



64QAM



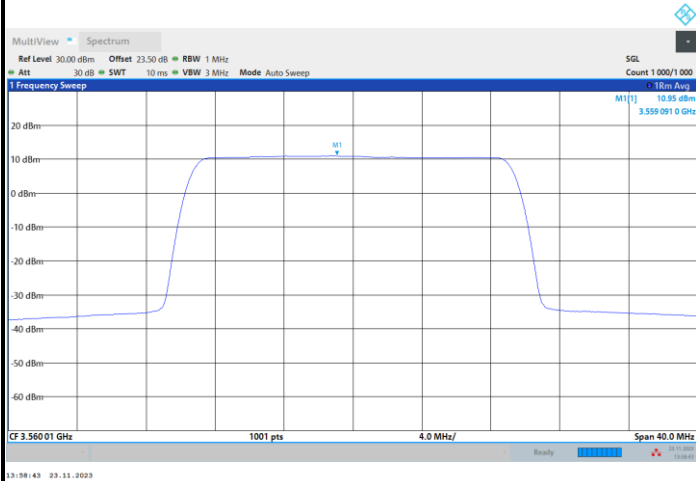
256QAM



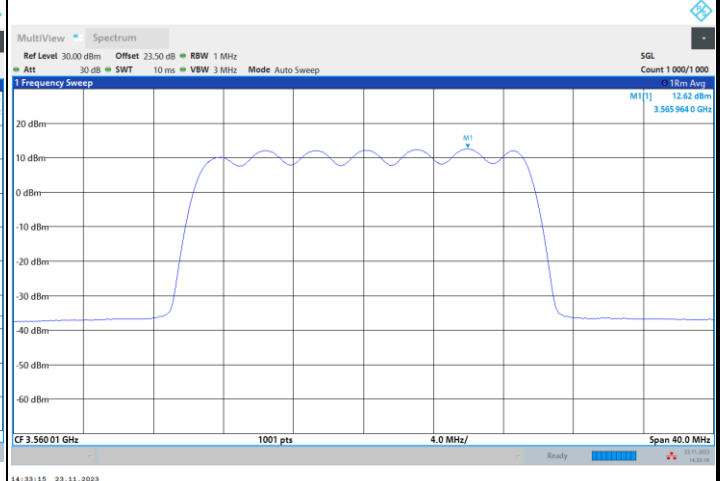


FR1 n48 / 20MHz / Lowest Channel / PSD

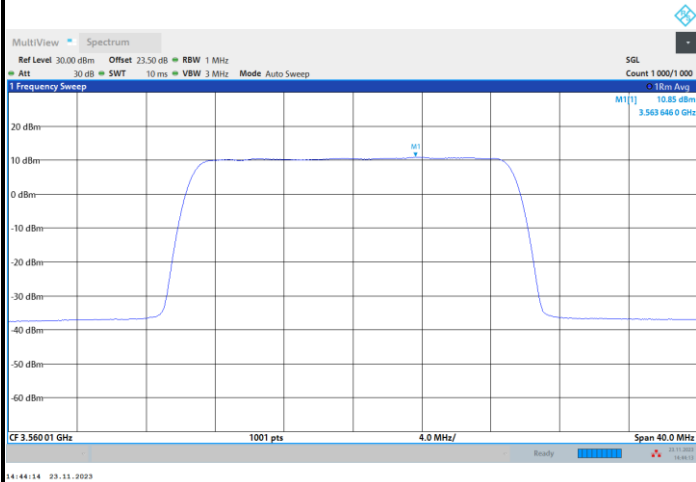
QPSK



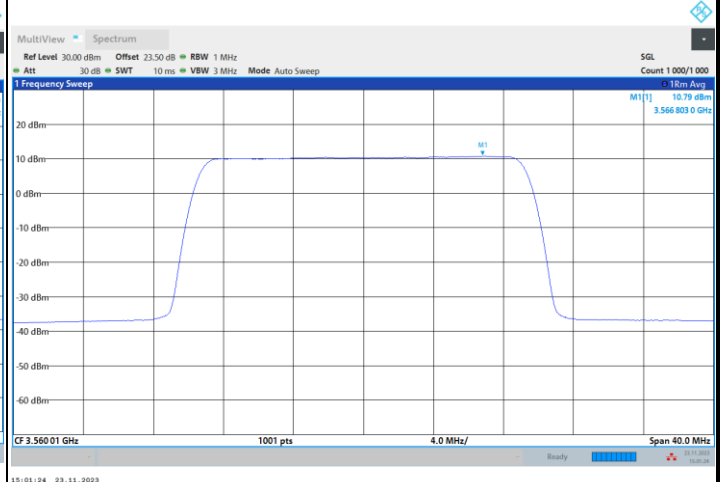
16QAM



64QAM



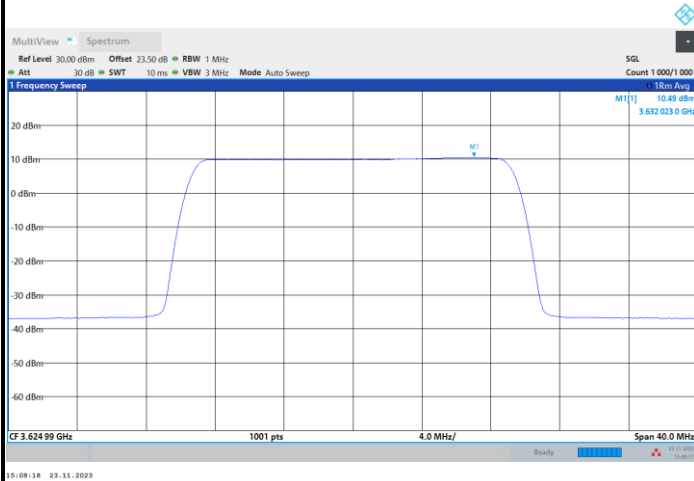
256QAM



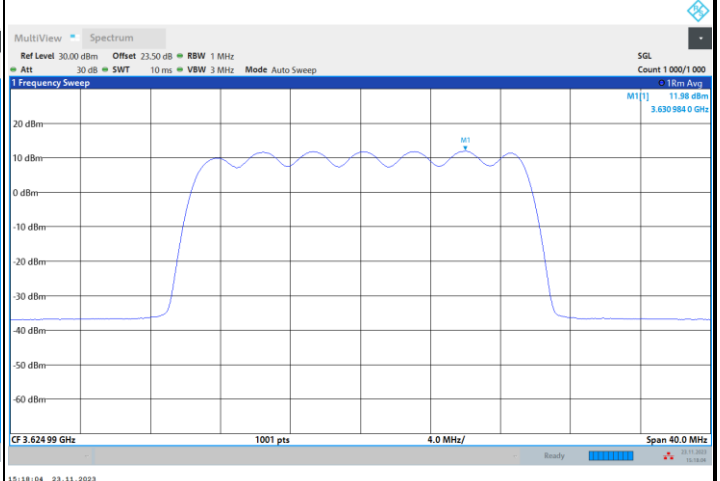


FR1 n48 / 20MHz / Middle Channel / PSD

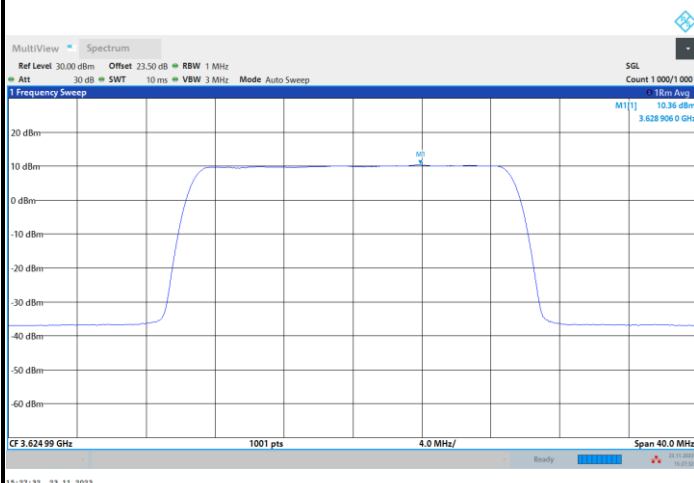
QPSK



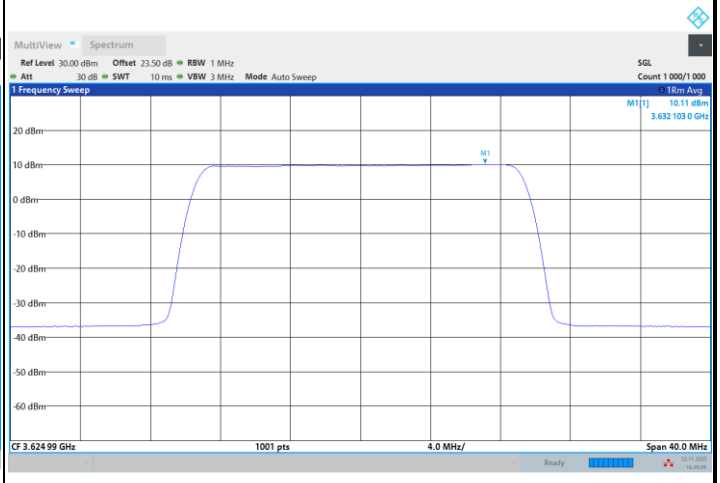
16QAM



64QAM



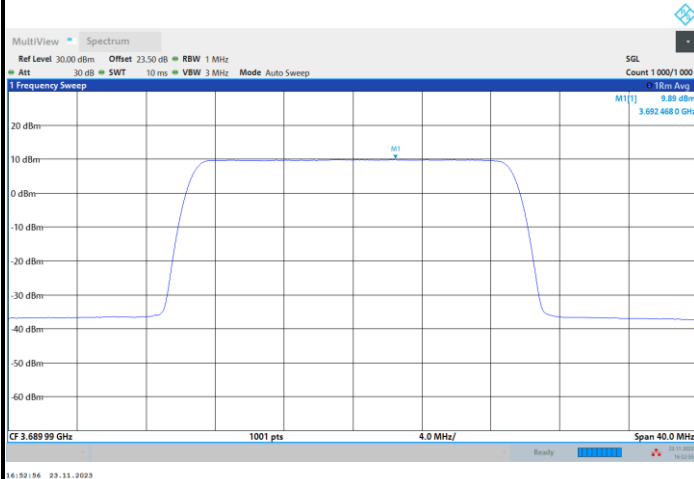
256QAM



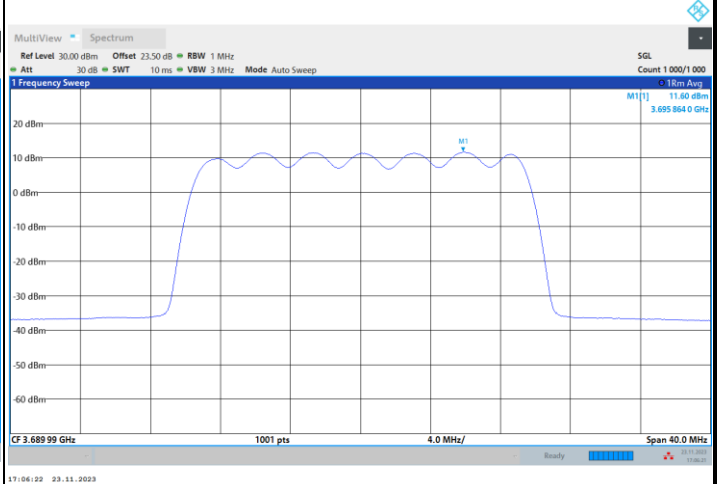


FR1 n48 / 20MHz / Highest Channel / PSD

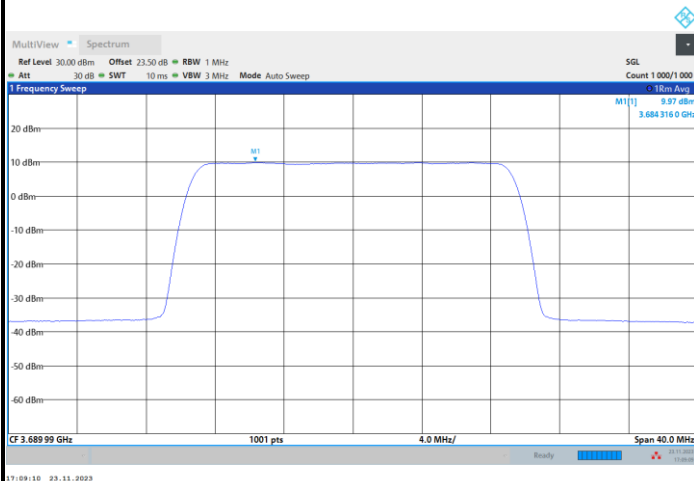
QPSK



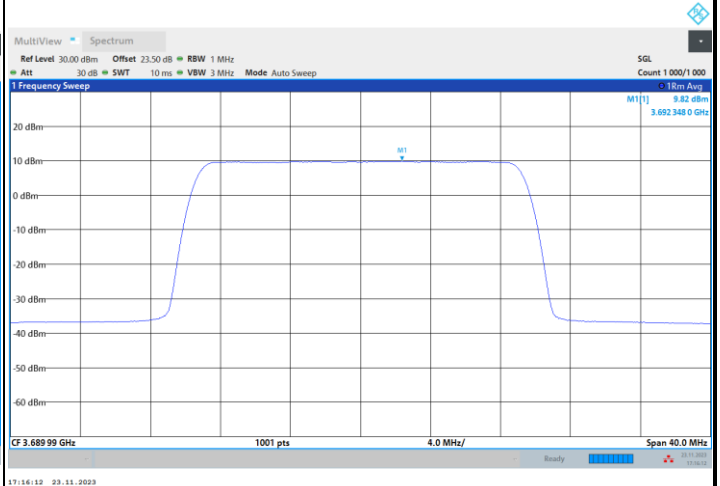
16QAM



64QAM



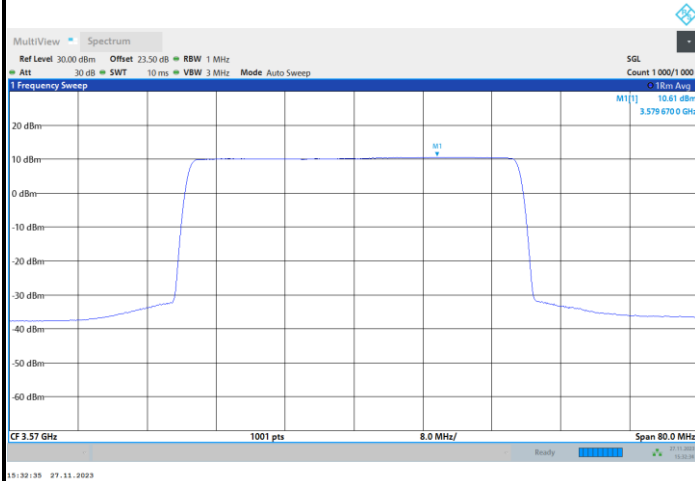
256QAM



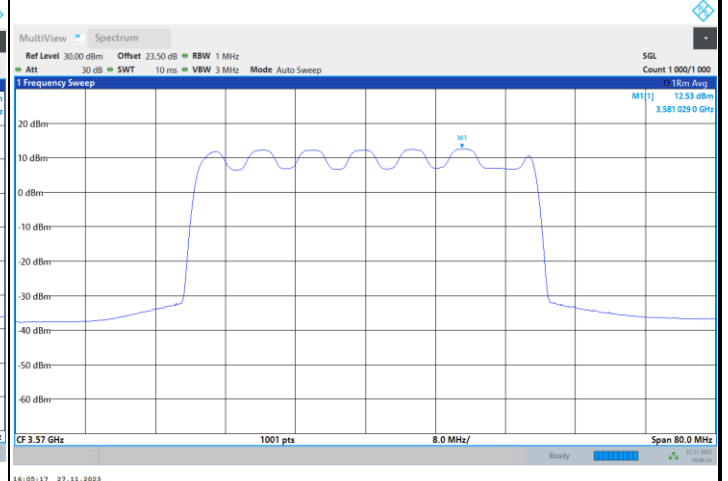


FR1 n48 / 40MHz / Lowest Channel / PSD

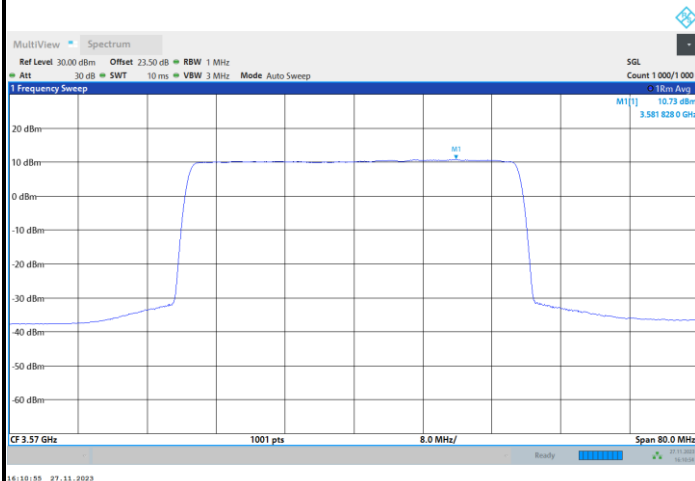
QPSK



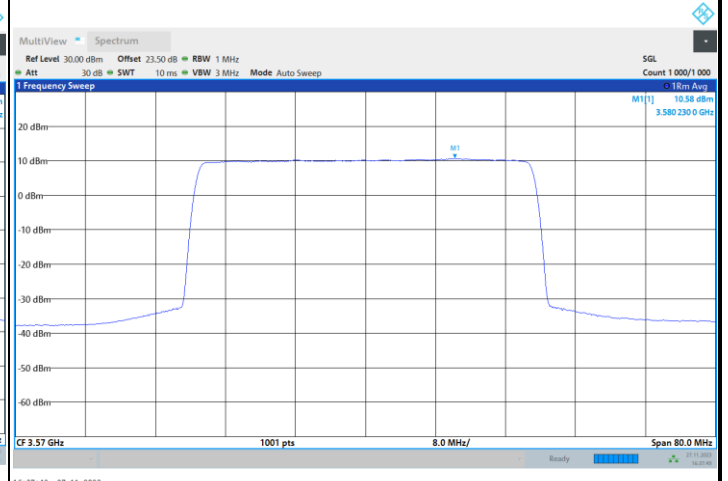
16QAM



64QAM



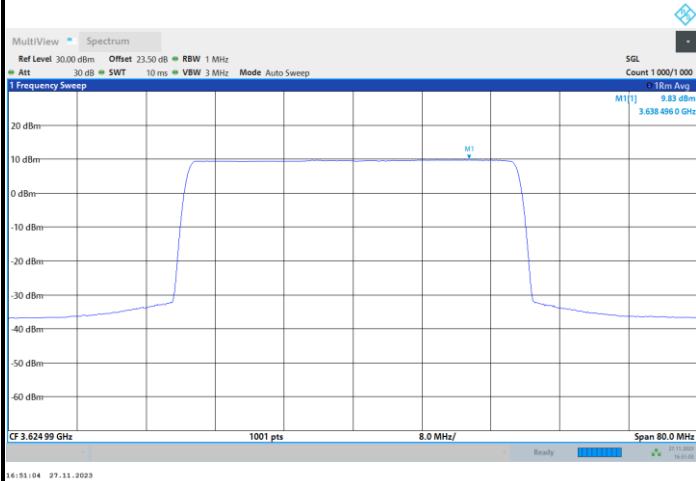
256QAM



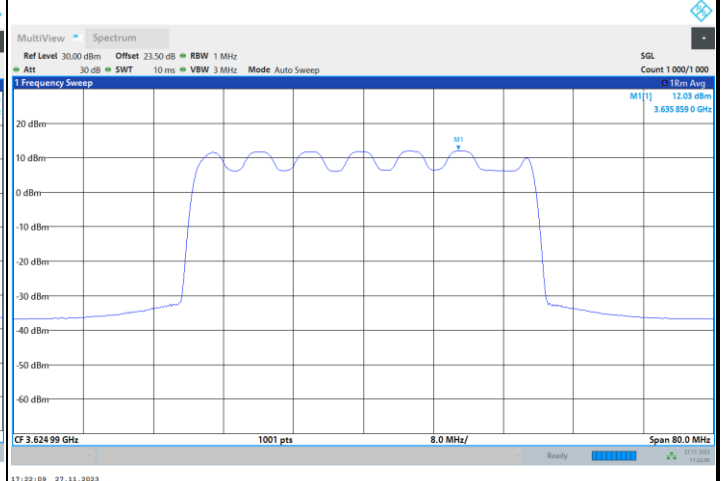


FR1 n48 / 40MHz / Middle Channel / PSD

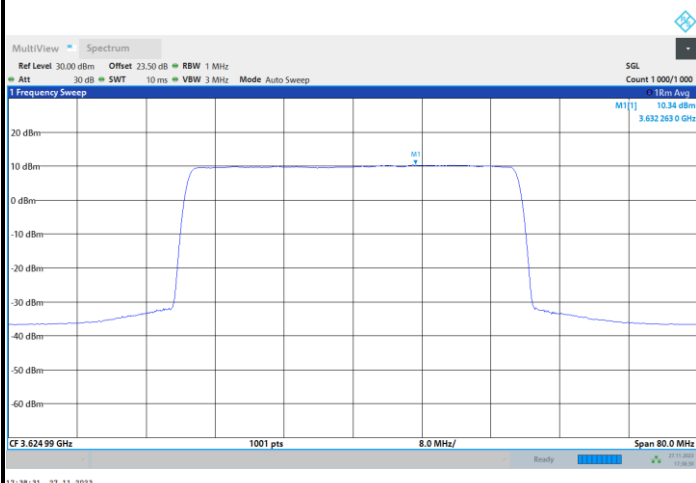
QPSK



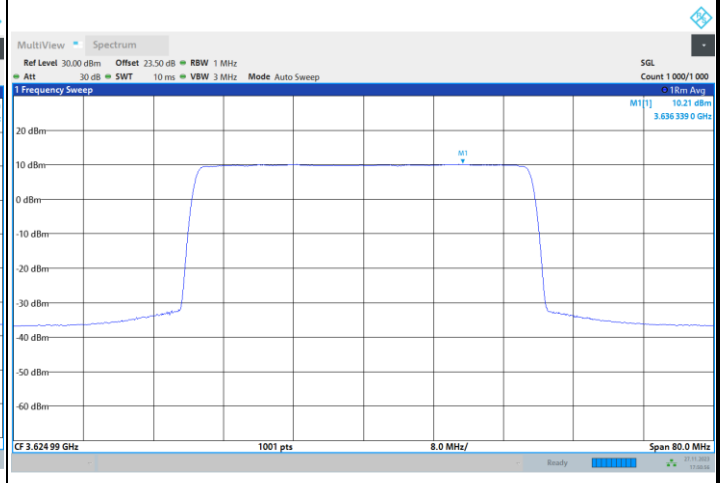
16QAM



64QAM



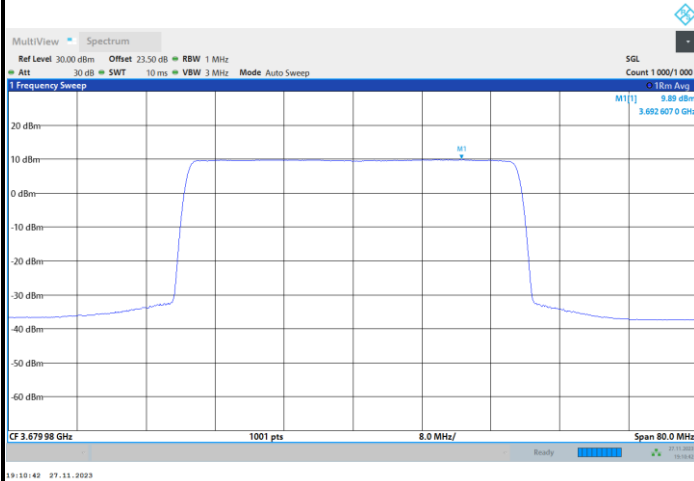
256QAM



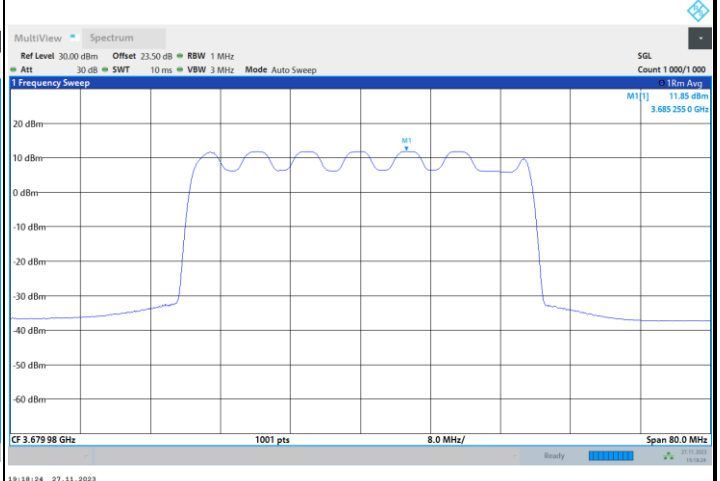


FR1 n48 / 40MHz / Highest Channel / PSD

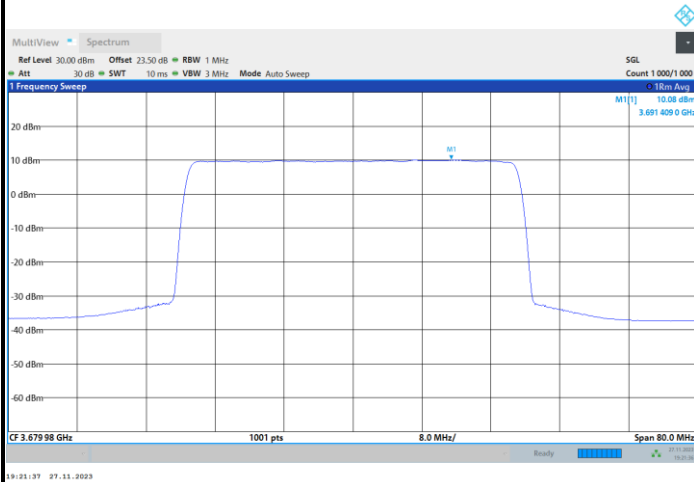
QPSK



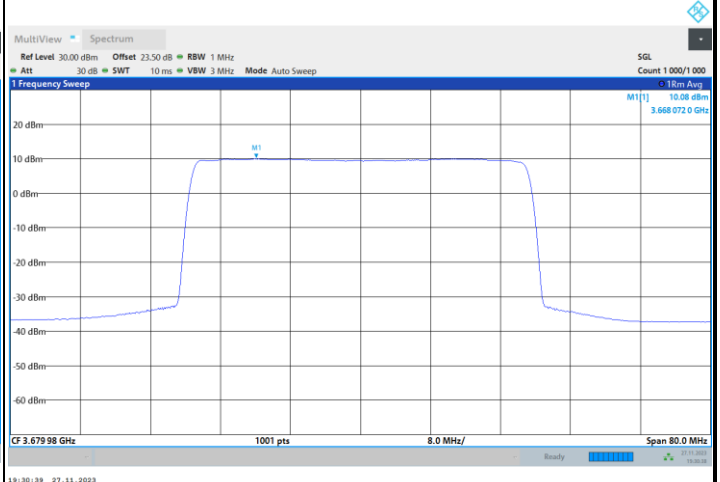
16QAM



64QAM



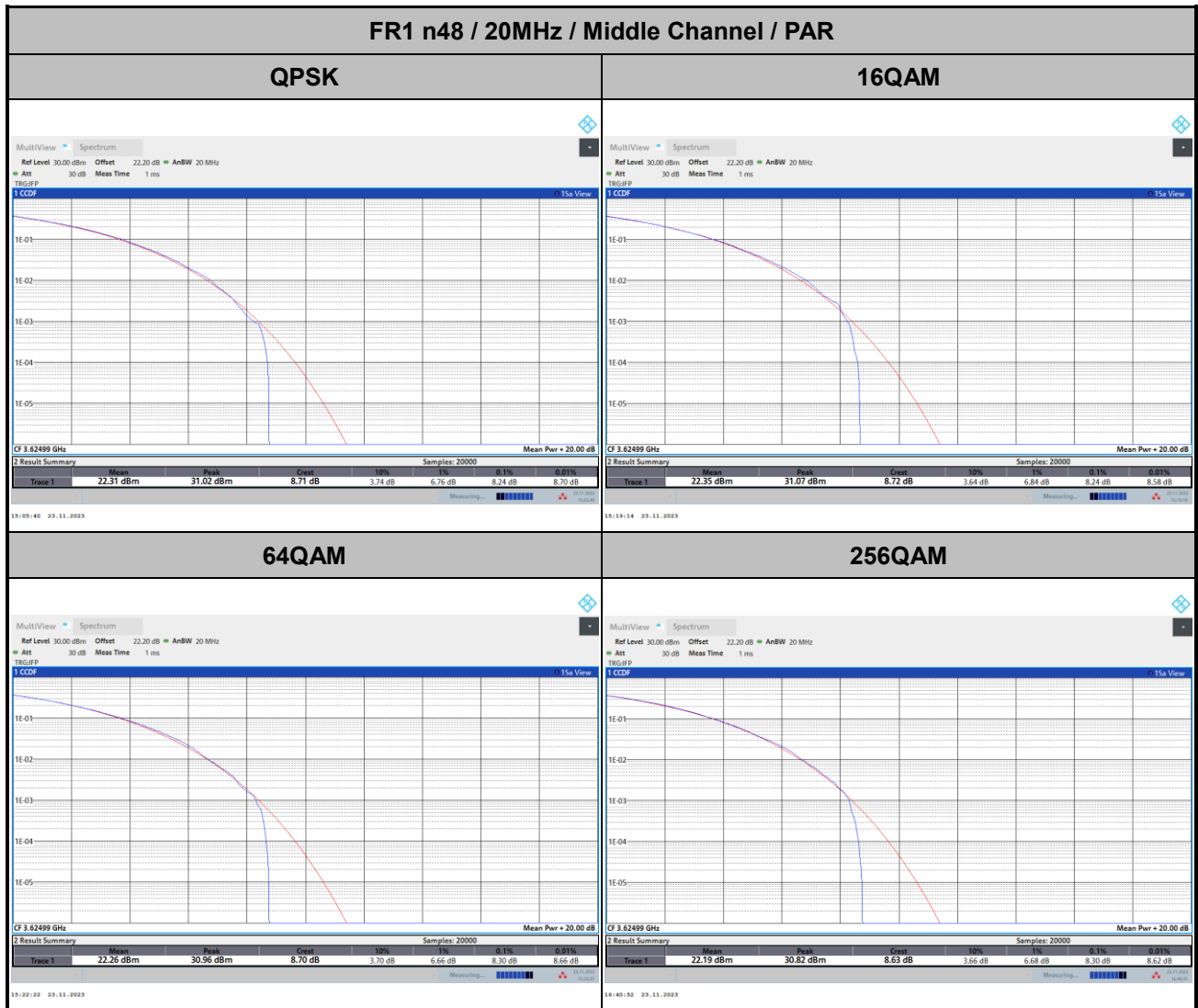
256QAM





Peak-to-Average Ratio

Mode	FR1 n48 / 20MHz / PAR (dB)				Limit: 13dB
Mod.	QPSK	16QAM	64QAM	256QAM	Result
Middle CH	8.24	8.24	8.30	8.30	PASS



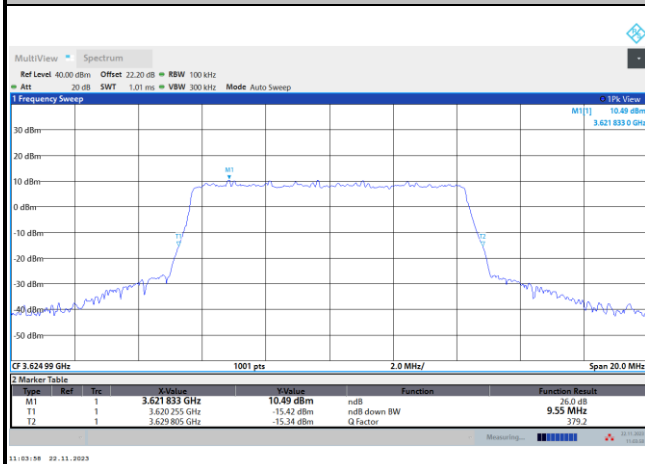
**26dB Bandwidth**

Mode	FR1 n48 : 26dB BW(MHz)							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Middle CH	9.55	9.33	19.50	19.46	40.68	40.44		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Middle CH	9.41	9.49	19.62	19.54	40.60	40.52		

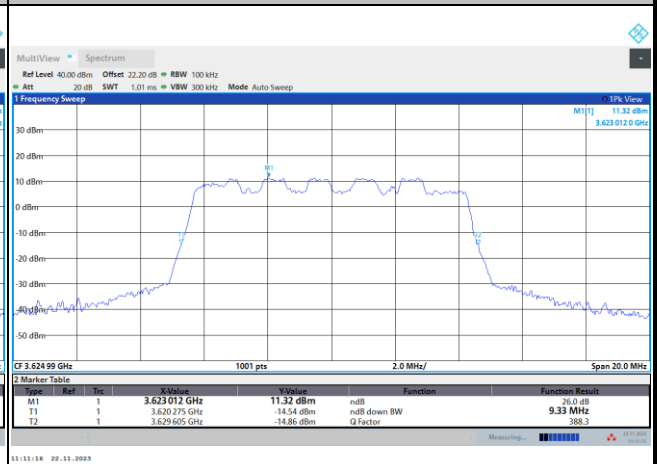


FR1 n48 / 10MHz / Middle Channel / 26dB BW

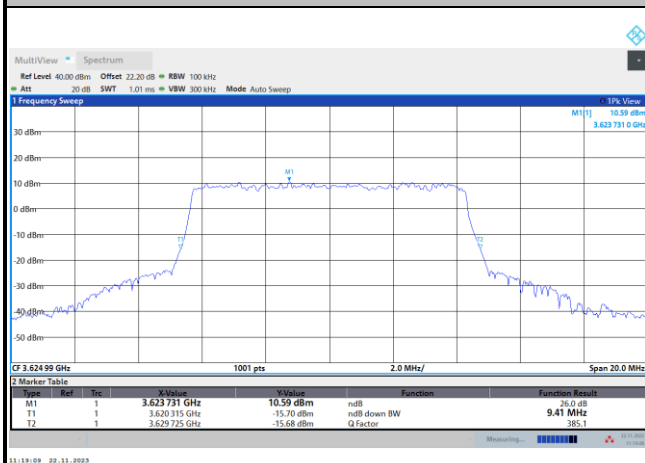
QPSK



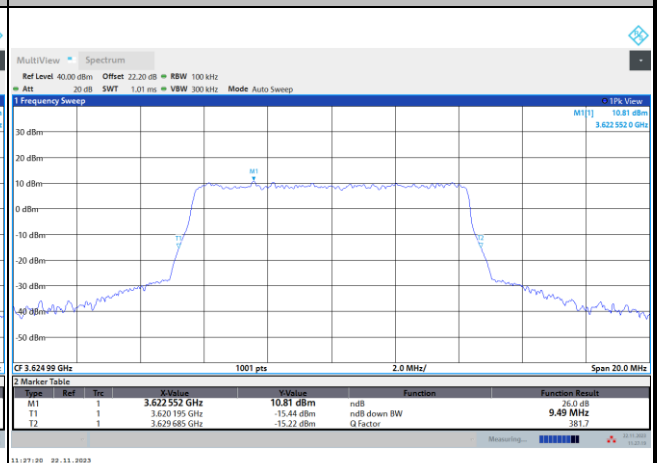
16QAM



64QAM



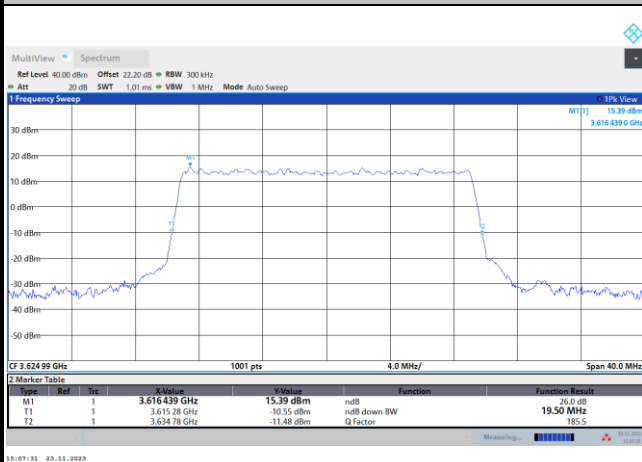
256QAM



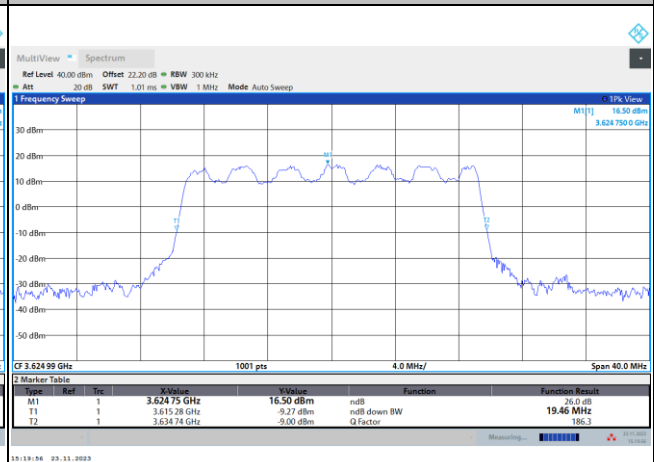


FR1 n48 / 20MHz / Middle Channel / 26dB BW

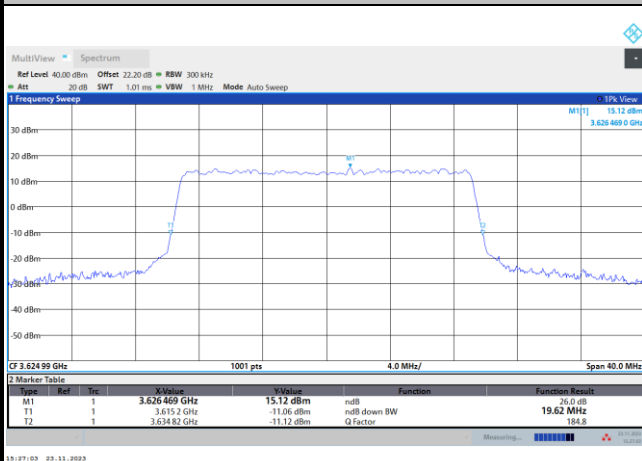
QPSK



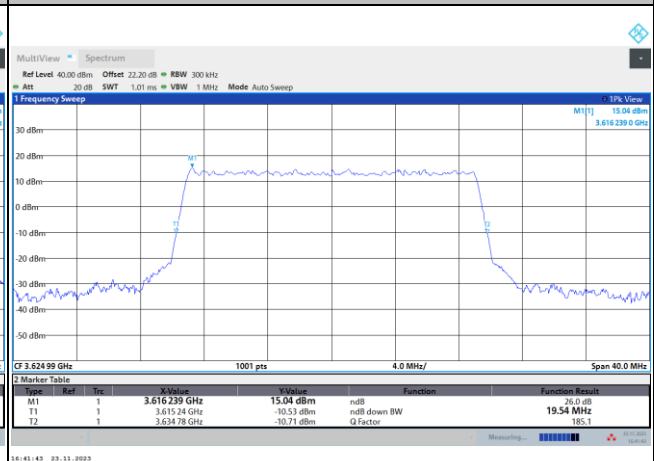
16QAM



64QAM



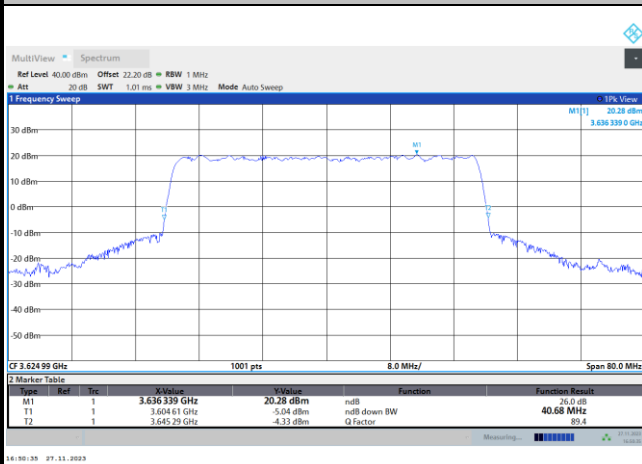
256QAM



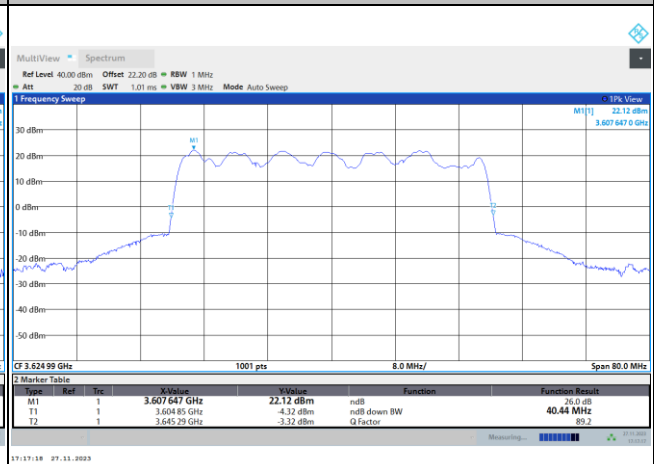


FR1 n48 / 40MHz / Middle Channel / 26dB BW

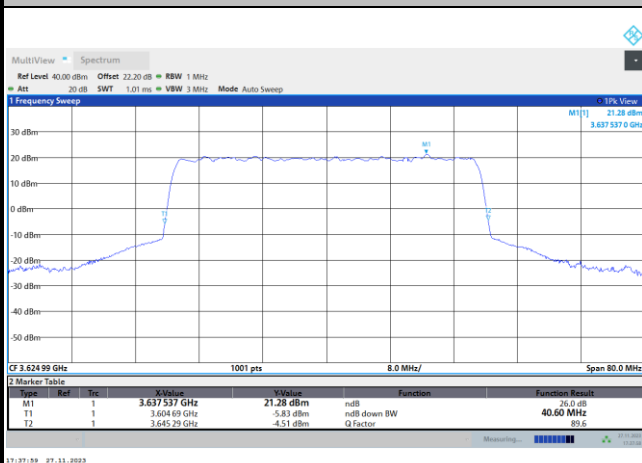
QPSK



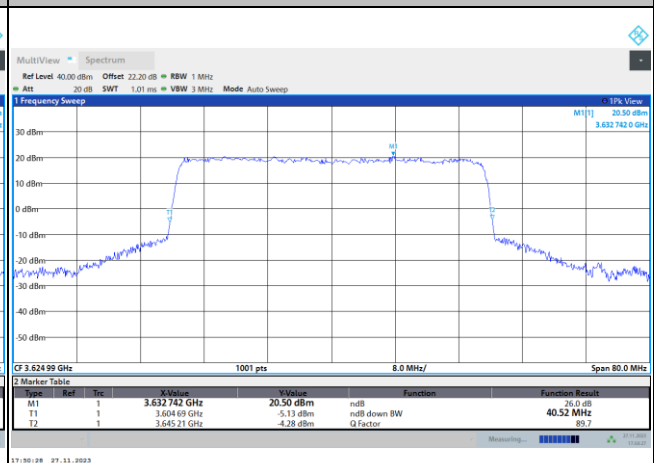
16QAM



64QAM



256QAM



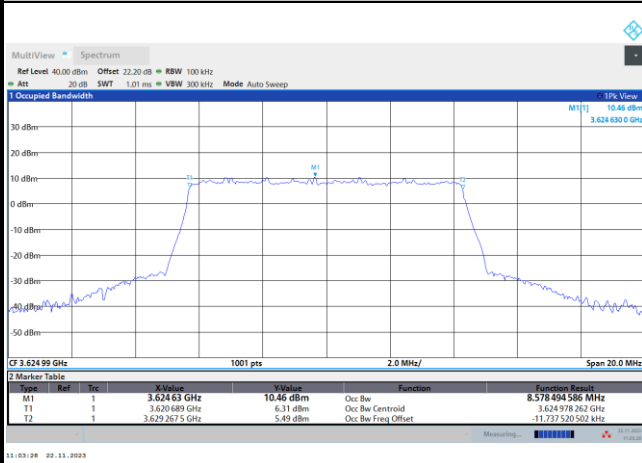
**Occupied Bandwidth**

Mode	FR1 n48 : 99%OBW (MHz)							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Middle CH	8.57	8.50	18.20	18.25	38.07	38.11		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Middle CH	8.54	8.55	18.20	18.18	37.97	38.07		

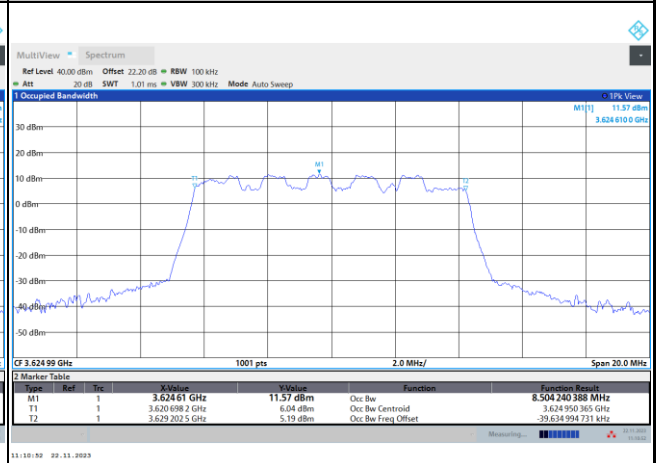


FR1 n48 / 10MHz / Middle Channel / 99%OBW

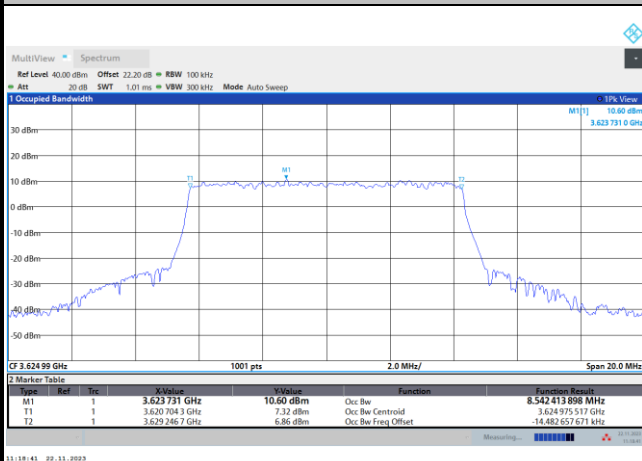
QPSK



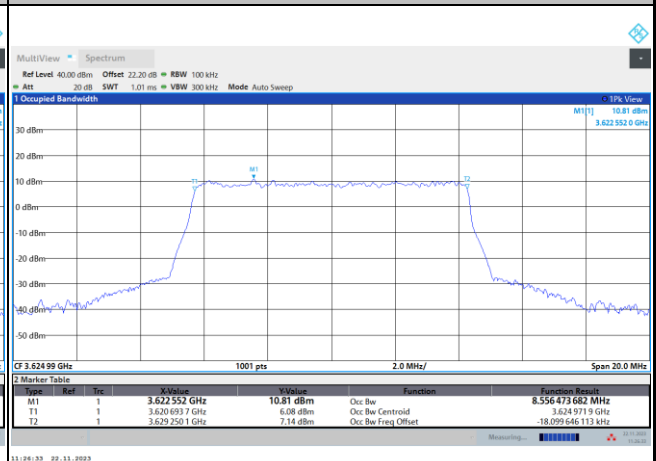
16QAM



64QAM



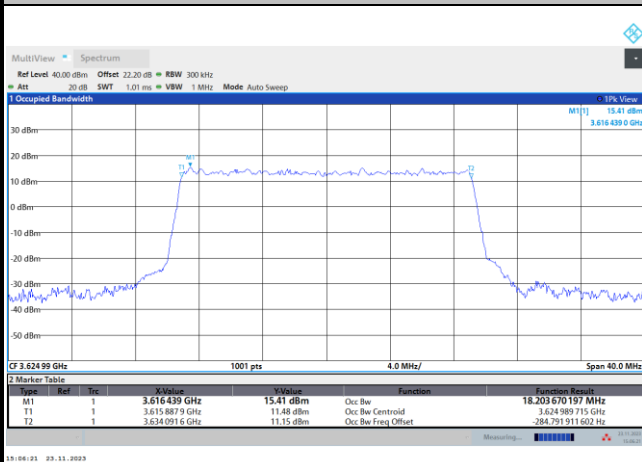
256QAM



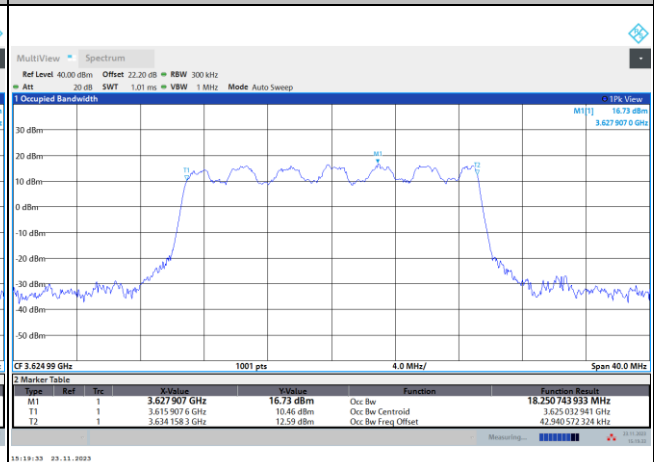


FR1 n48 / 20MHz / Middle Channel / 99%OBW

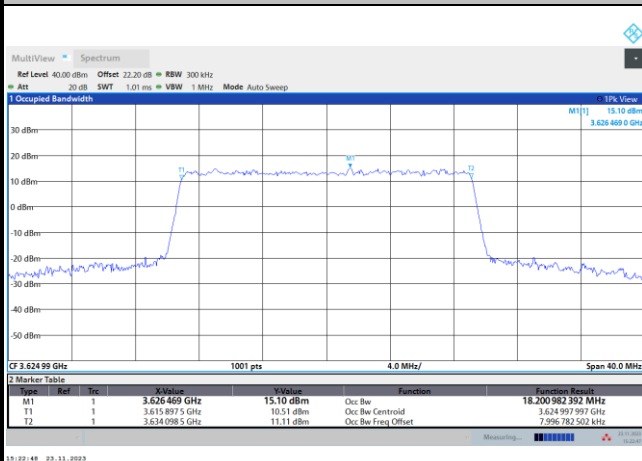
QPSK



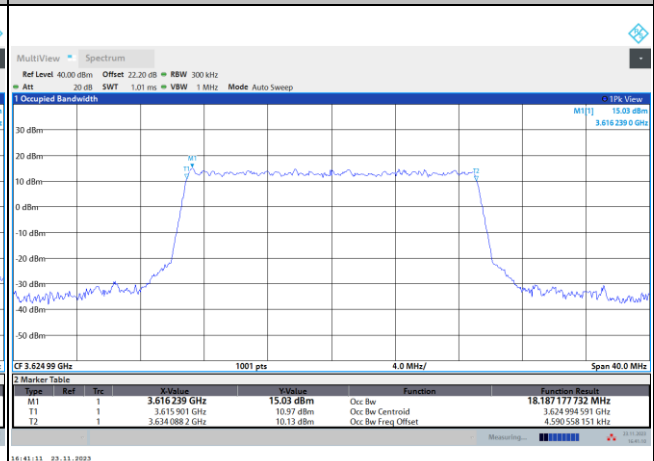
16QAM



64QAM



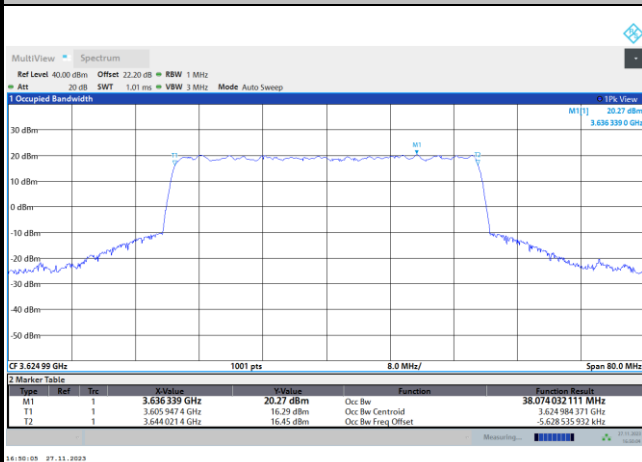
256QAM



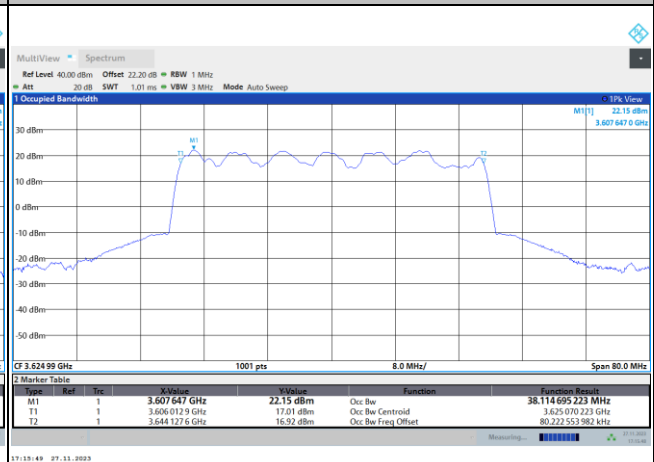


FR1 n48 / 40MHz / Middle Channel / 99%OBW

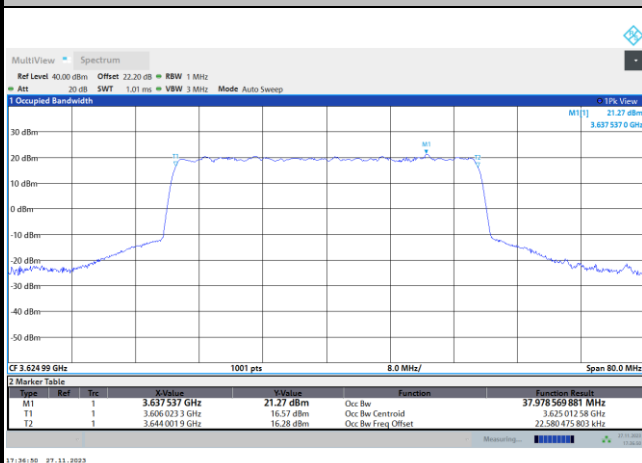
QPSK



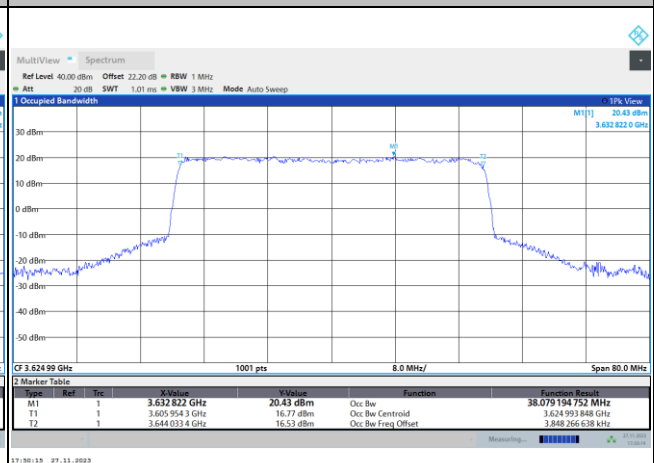
16QAM

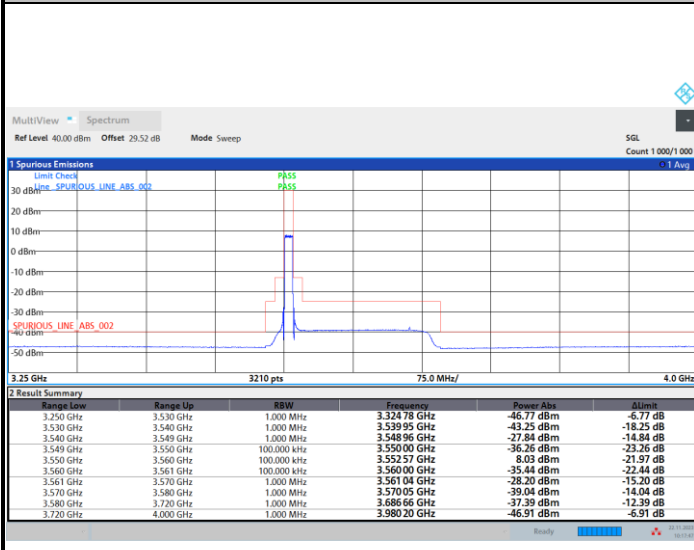


64QAM

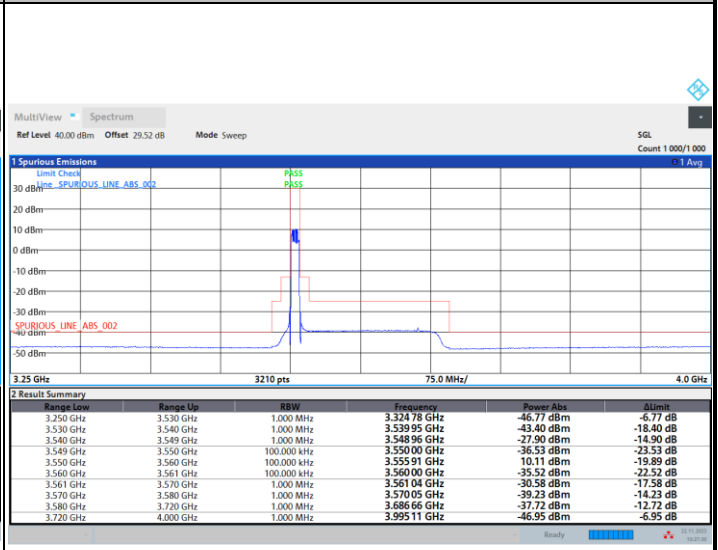


256QAM

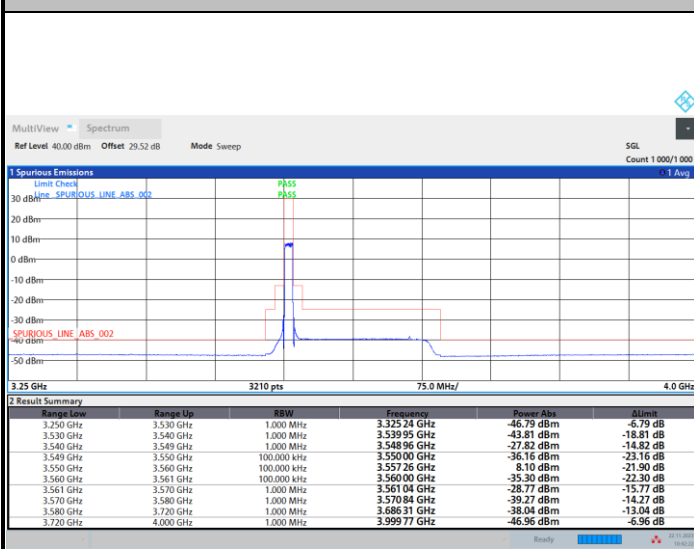


**Unwanted Emission (MASK)****FR1 n48 / 10MHz / Lowest Channel / MASK****QPSK**

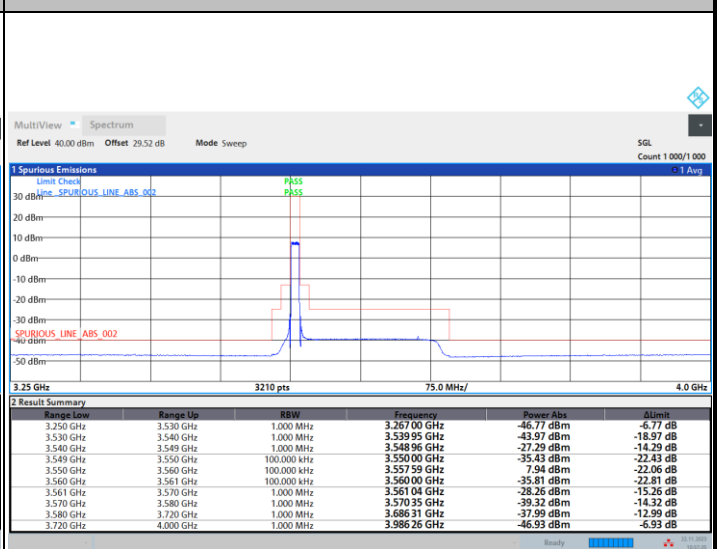
10:17:47 22.11.2023

16QAM

10:27:30 22.11.2023

64QAM

10:42:23 22.11.2023

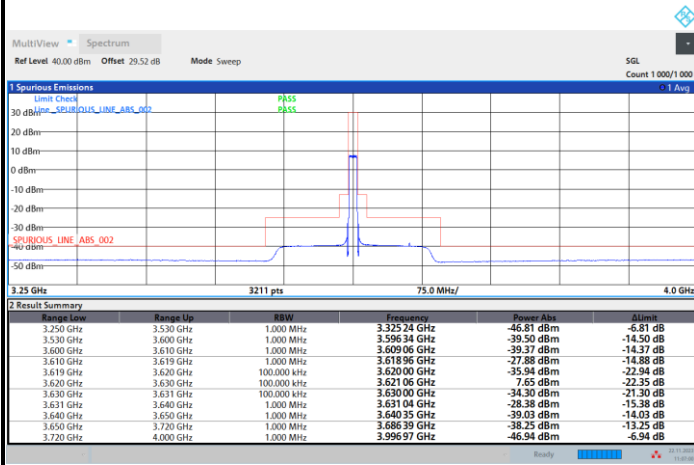
256QAM

10:57:35 22.11.2023



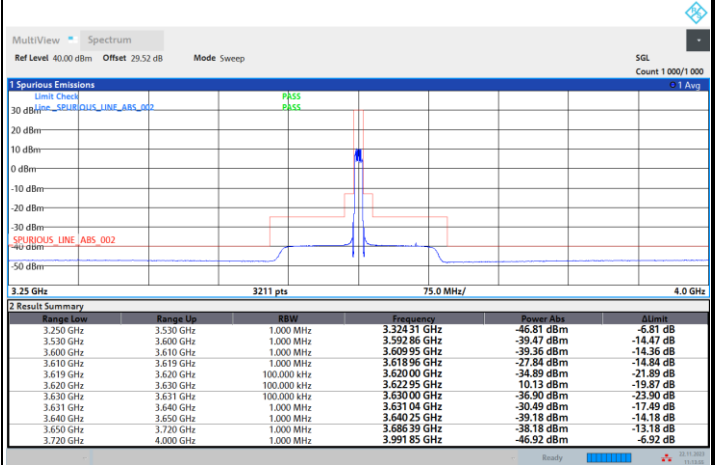
FR1 n48 / 10MHz / Middle Channel / MASK

QPSK



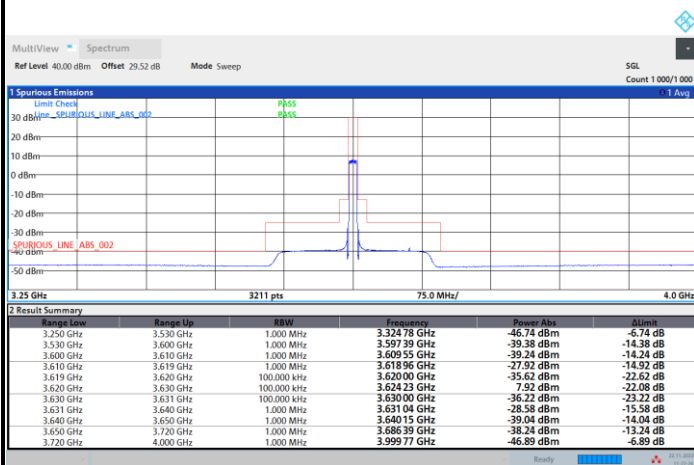
11:07:08 22.11.2023

16QAM



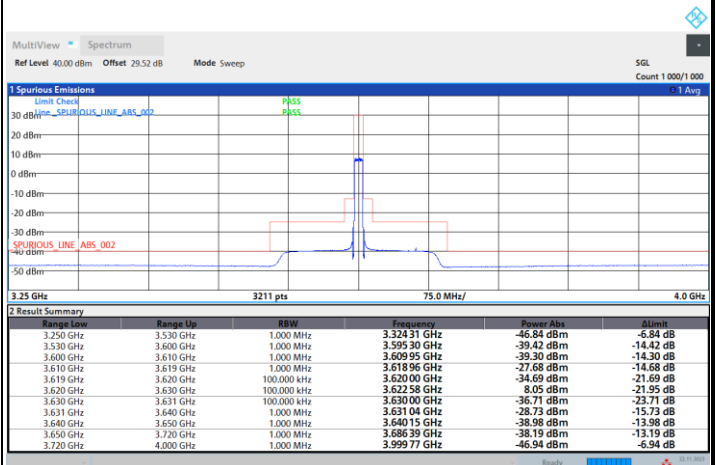
11:13:55 22.11.2023

64QAM



11:22:24 22.11.2023

256QAM

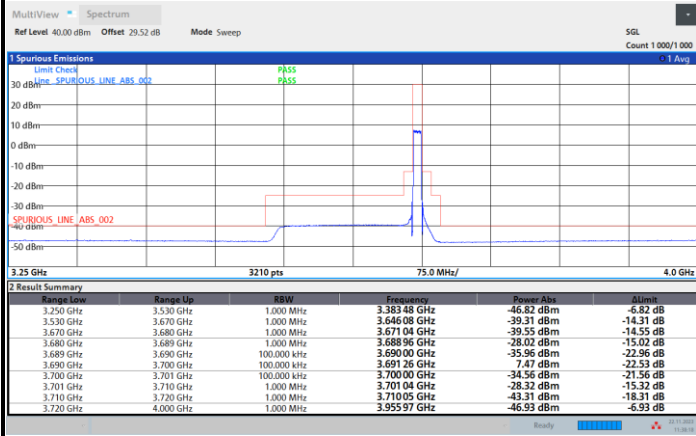


11:30:20 22.11.2023



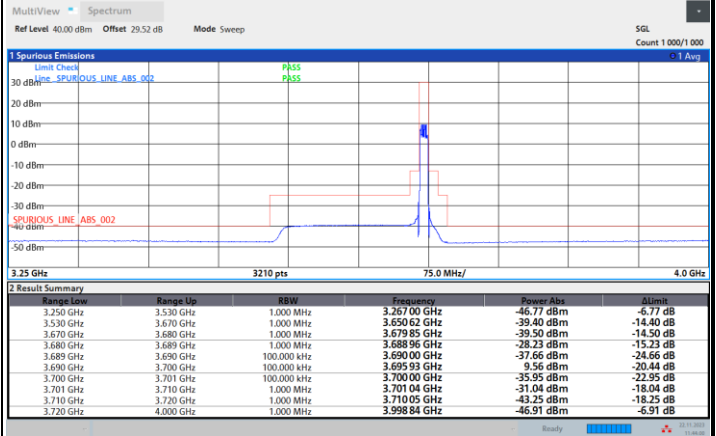
FR1 n48 / 10MHz / Highest Channel / MASK

QPSK



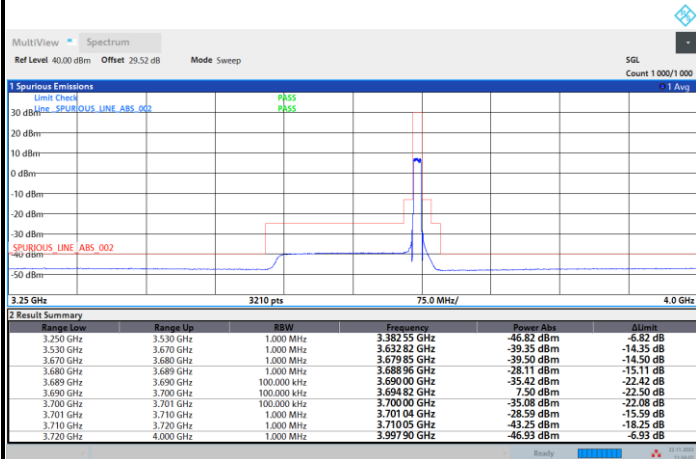
11:38:19 22.11.2023

16QAM



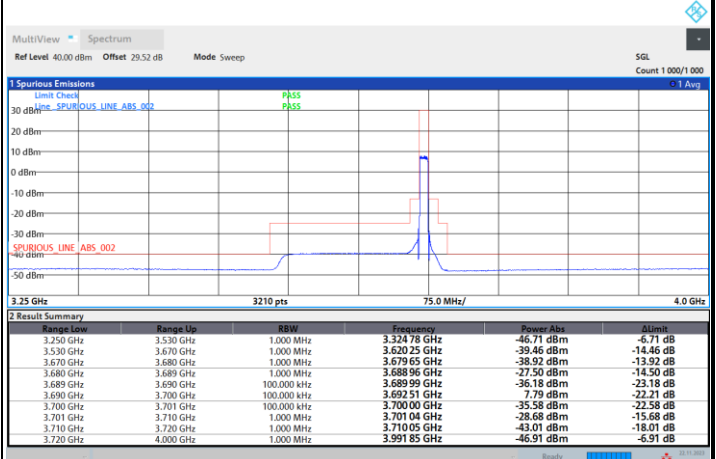
11:44:00 22.11.2023

64QAM



11:50:02 22.11.2023

256QAM

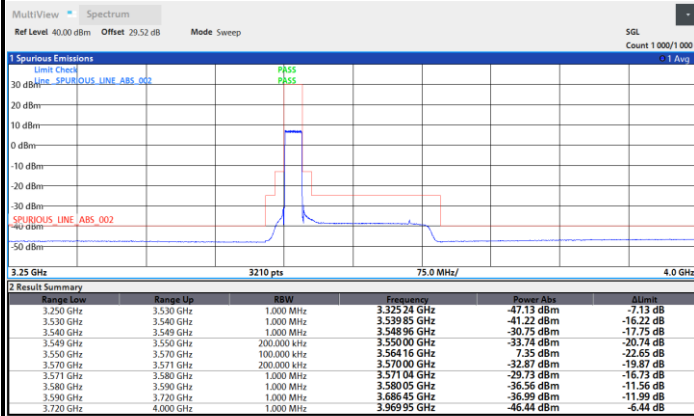


11:55:51 22.11.2023

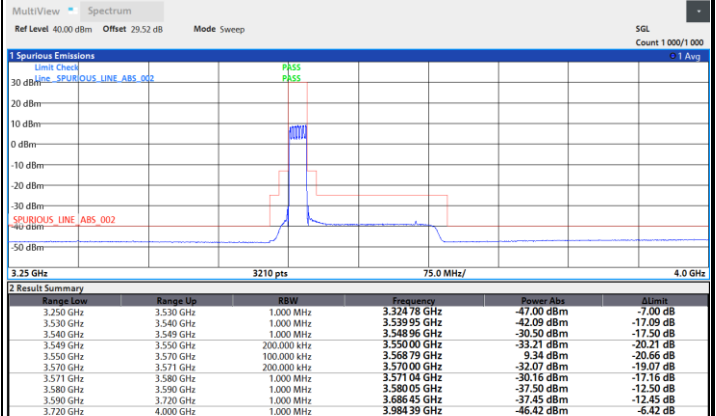


FR1 n48 / 20MHz / Lowest Channel / MASK

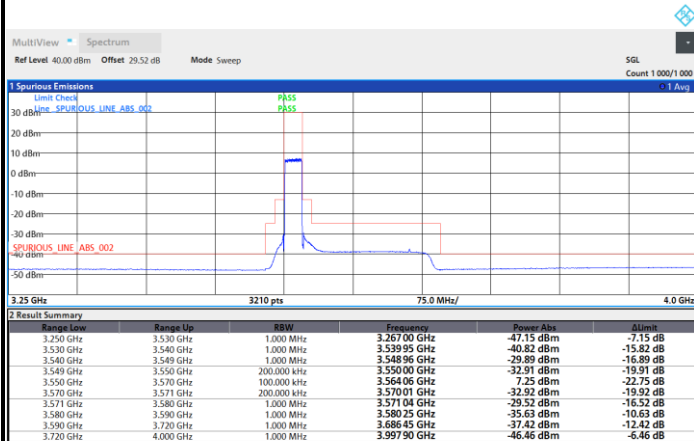
QPSK



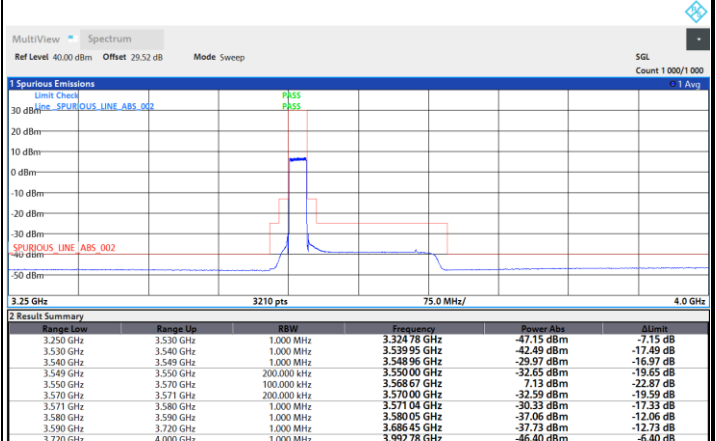
16QAM



64QAM



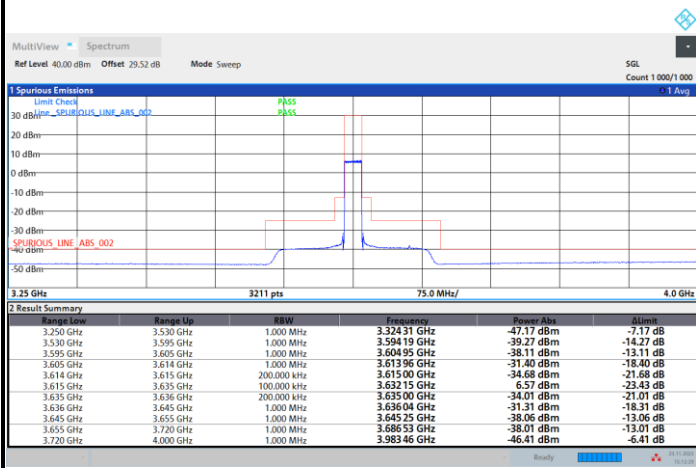
256QAM



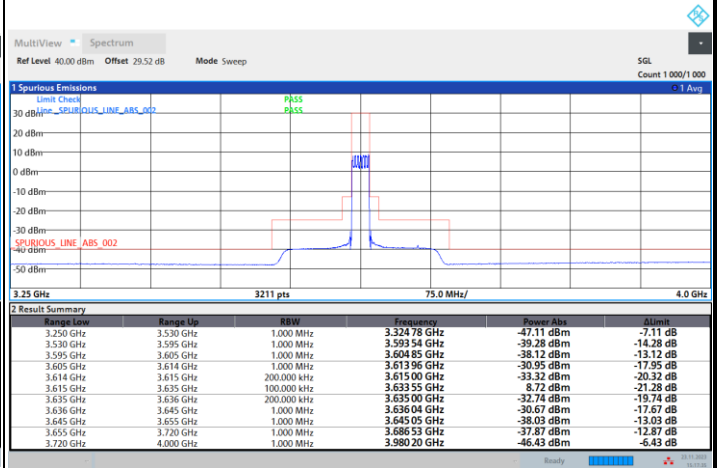


FR1 n48 / 20MHz / Middle Channel / MASK

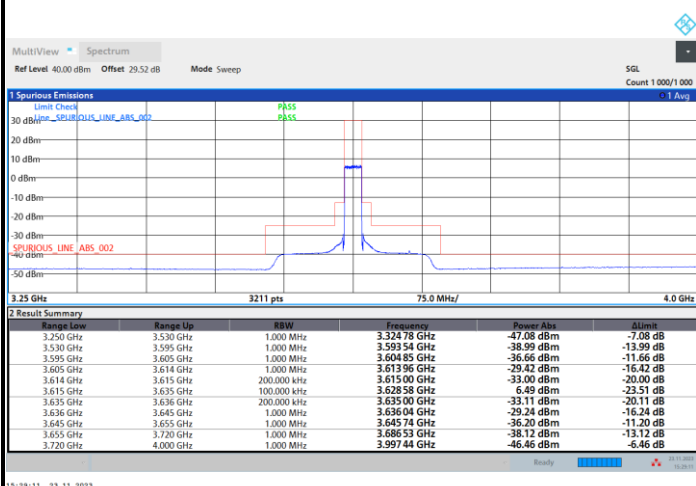
QPSK



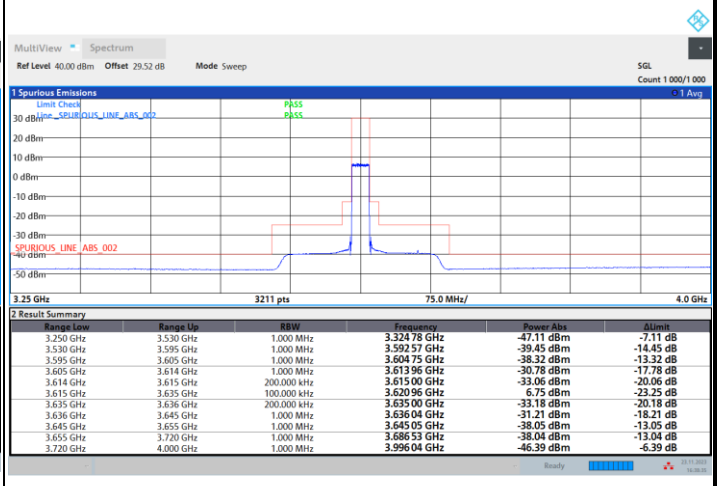
16QAM



64QAM



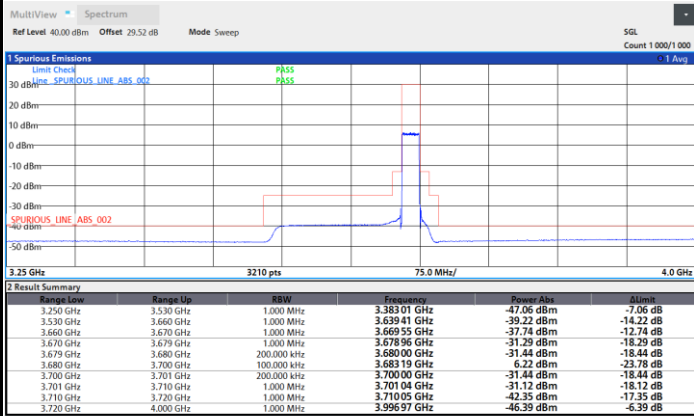
256QAM





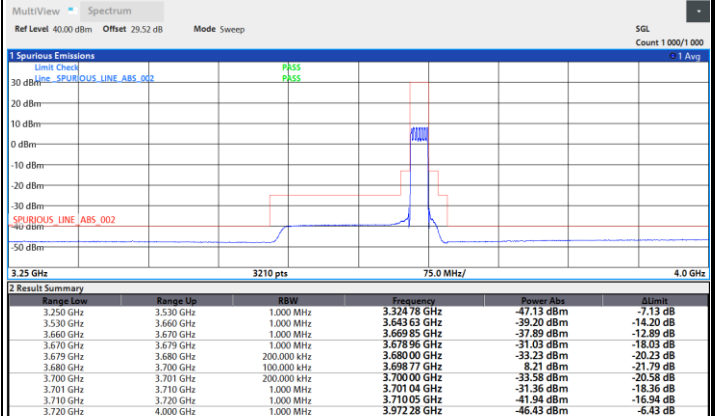
FR1 n48 / 20MHz / Highest Channel / MASK

QPSK



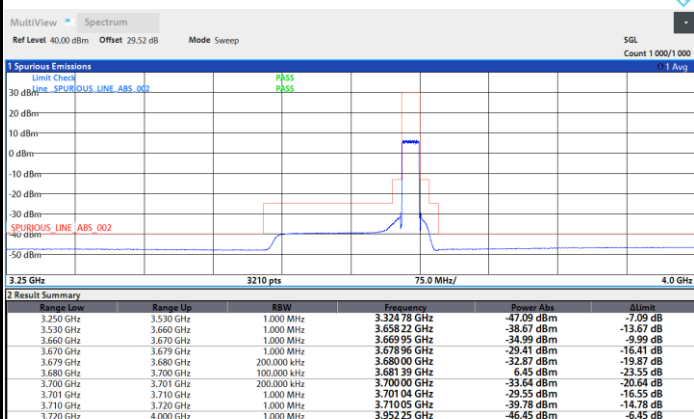
16:59:49 23.11.2023

16QAM



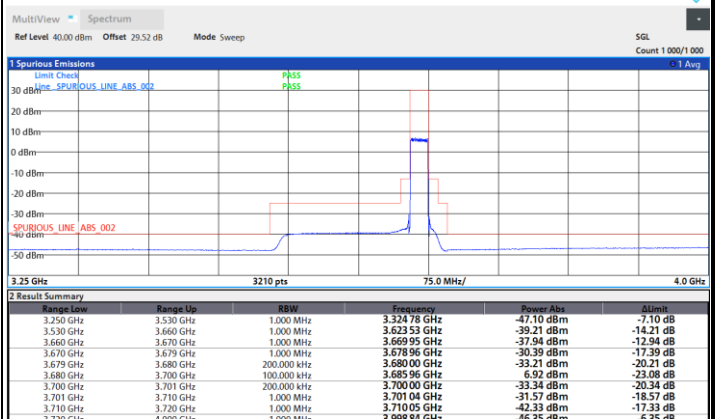
17:05:20 23.11.2023

64QAM



17:11:19 23.11.2023

256QAM

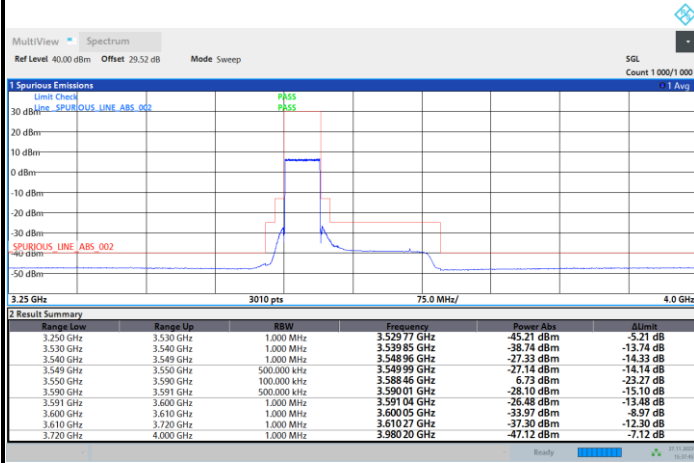


17:15:44 23.11.2023



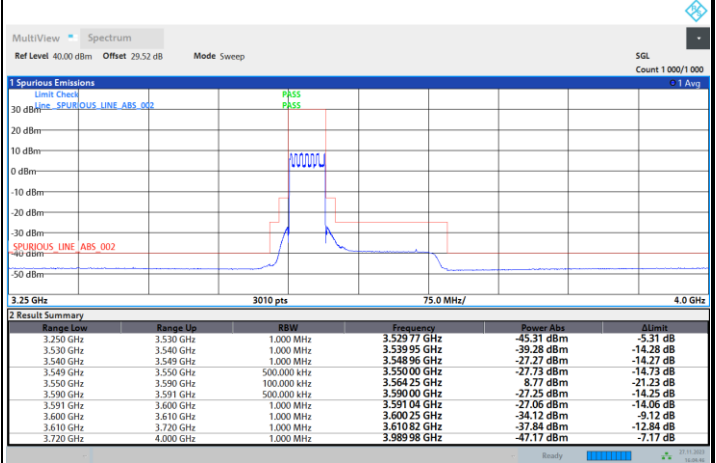
FR1 n48 / 40MHz / Lowest Channel / MASK

QPSK



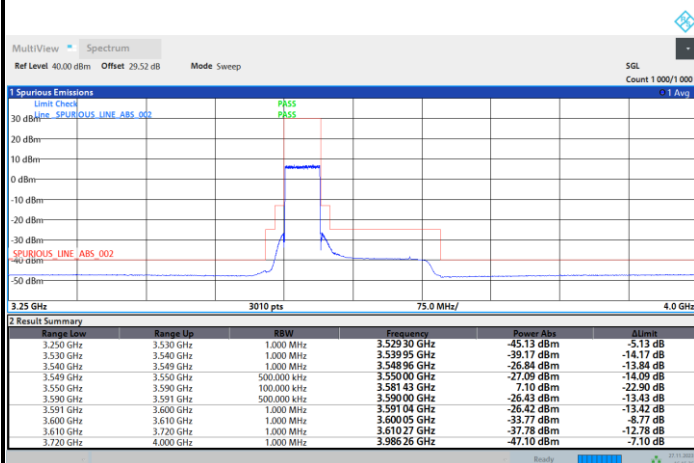
15:37:45 27.11.2023

16QAM



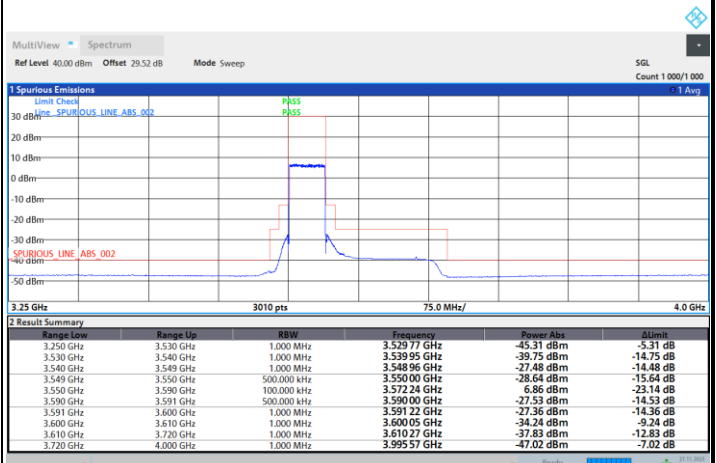
16:04:47 27.11.2023

64QAM



16:15:17 27.11.2023

256QAM



16:37:17 27.11.2023