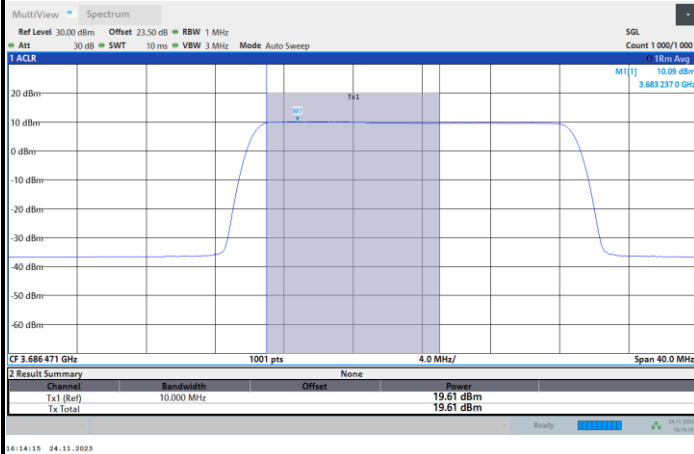


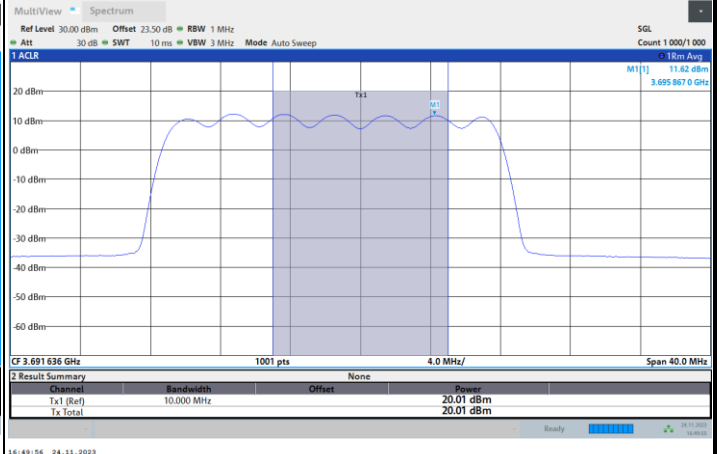


FR1 n48 / 20MHz / Highest Channel / Conducted (dBm/10MHz)

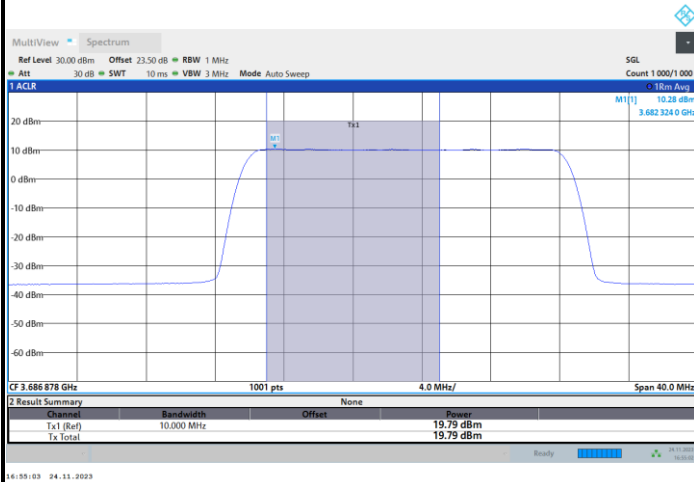
QPSK



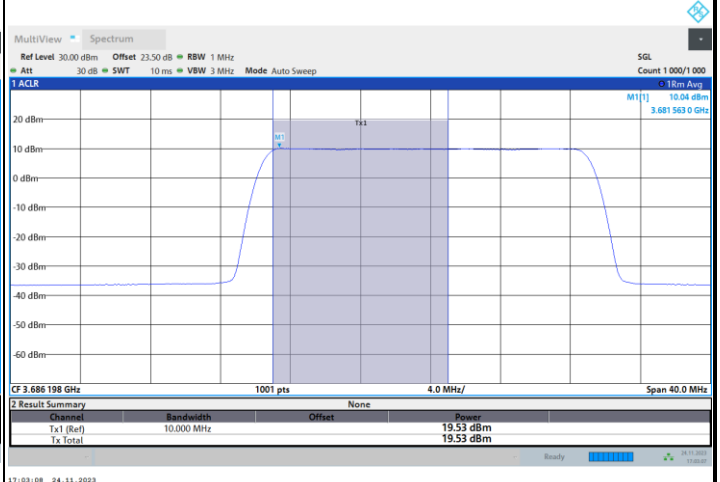
16QAM



64QAM



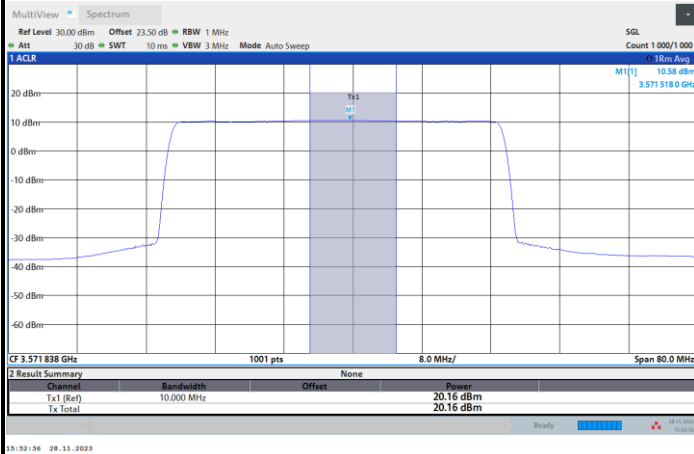
256QAM



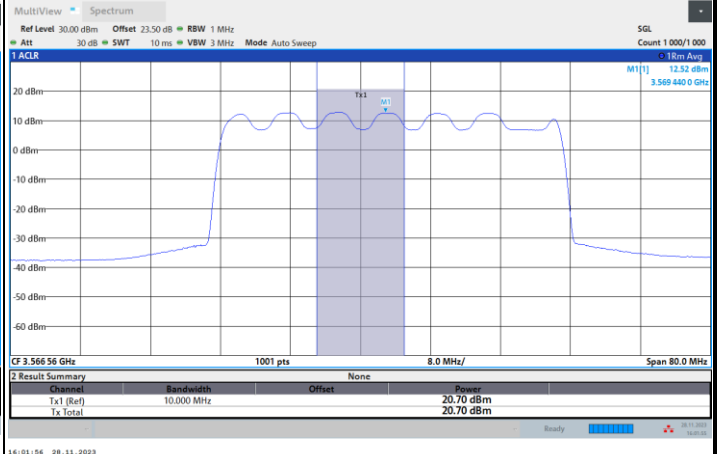


FR1 n48 / 40MHz / Lowest Channel / Conducted (dBm/10MHz)

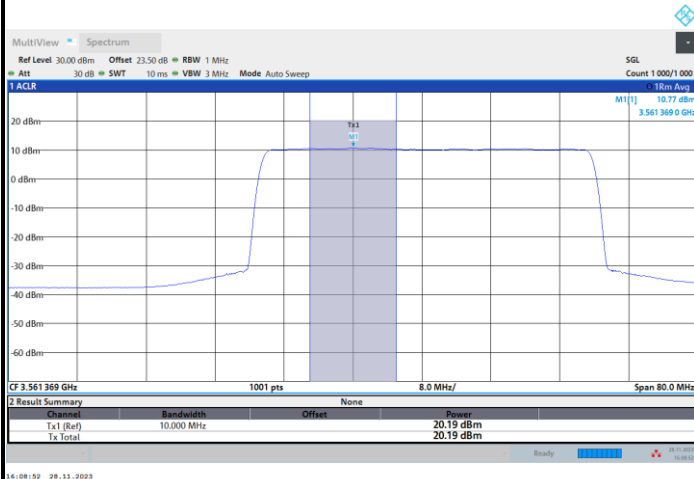
QPSK



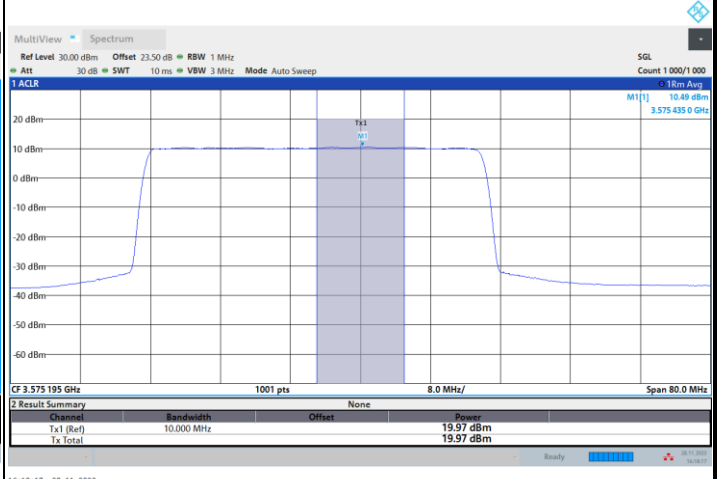
16QAM



64QAM



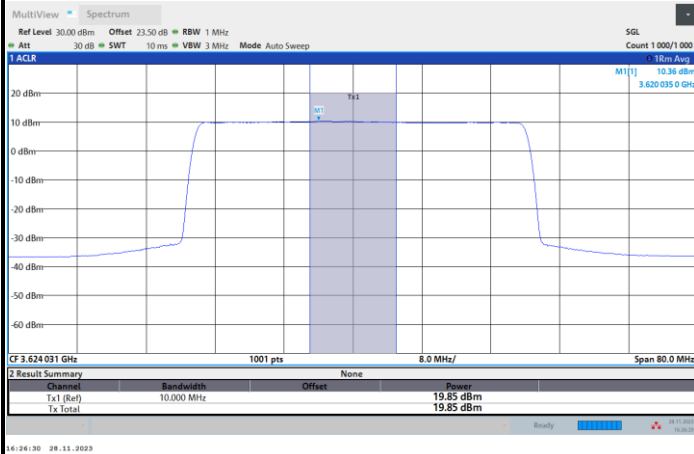
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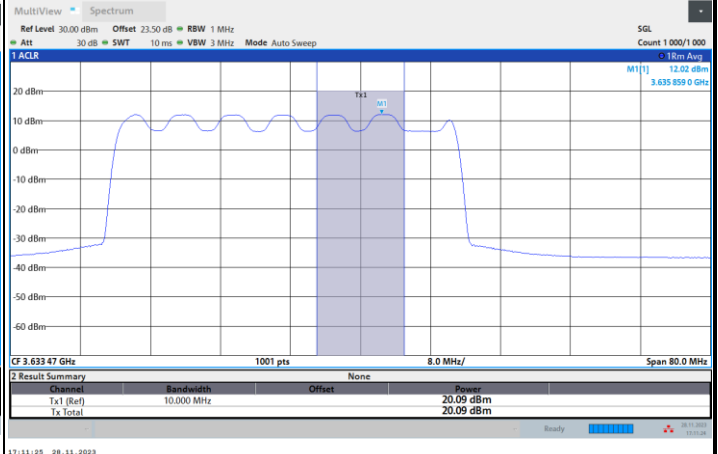


FR1 n48 / 40MHz / Middle Channel / Conducted (dBm/10MHz)

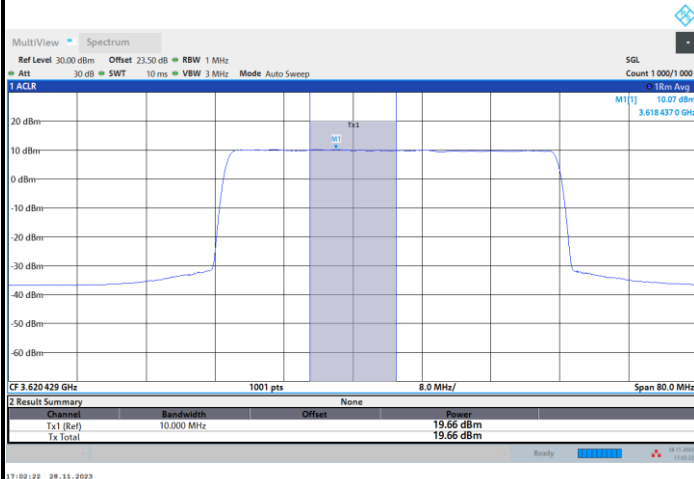
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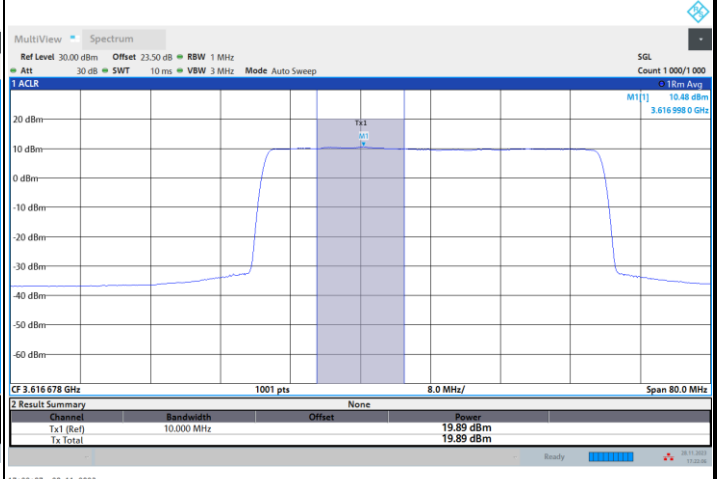
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64QAM



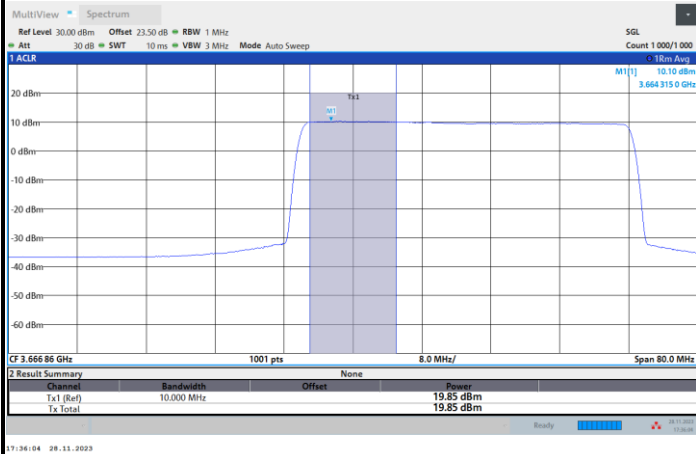
256QAM



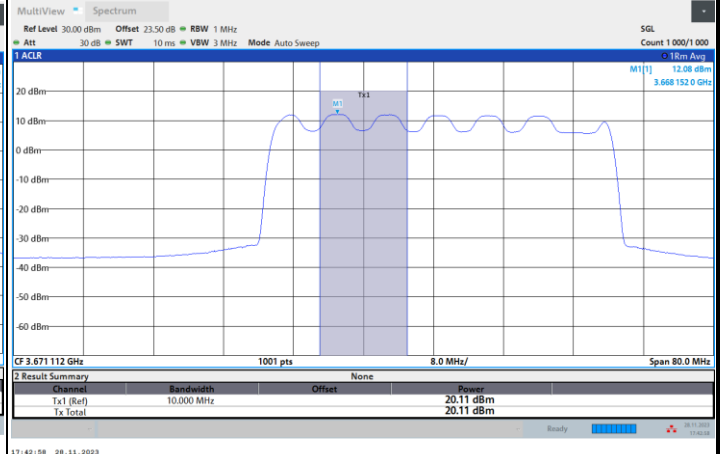


FR1 n48 / 40MHz / Highest Channel / Conducted (dBm/10MHz)

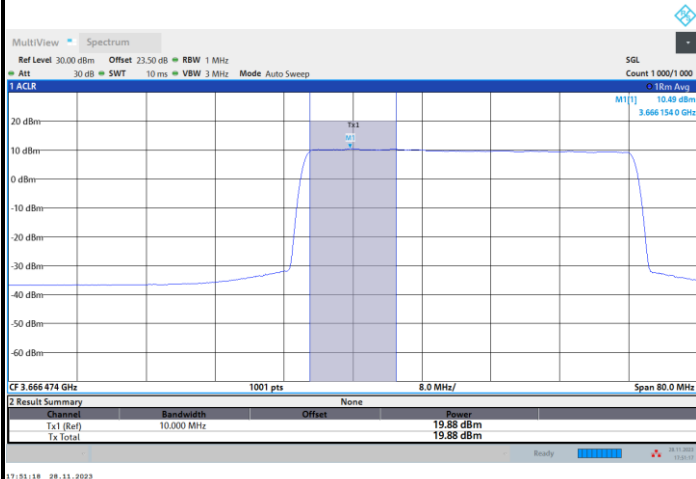
QPSK



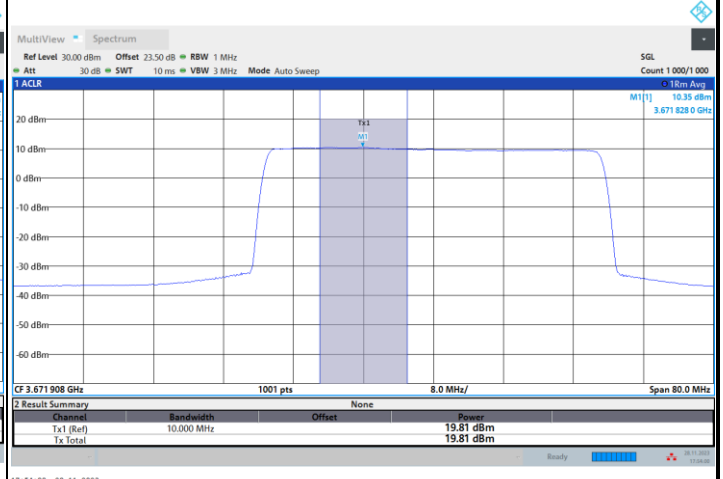
16QAM



64QAM



256QAM



**Power Spectral Density**

Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Lowest Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Lowest CH	11.65	12.81	11.19	12.63	10.61	12.71		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Lowest CH	11.70	12.04	10.96	10.87	10.74	10.52		

Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Lowest Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Lowest CH	35.17	36.33	34.71	36.15	34.13	36.23		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Lowest CH	35.22	35.56	34.48	34.39	34.26	34.04		
Limit	37dBm/MHz							
Result	PASS							

Note

1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 17.5dBi MIMO antenna gain.

Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Middle Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Middle CH	11.59	12.66	10.40	12.21	10.40	12.25		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Middle CH	11.73	11.73	10.55	10.57	10.20	10.20		

Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Middle Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Middle CH	35.11	36.18	33.92	35.73	33.92	35.77		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Middle CH	35.25	35.25	34.07	34.09	33.72	33.72		
Limit	37dBm/MHz							
Result	PASS							

Note

1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 17.5dBi MIMO antenna gain.



Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Highest Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Highest CH	11.29	12.34	10.08	12.08	10.12	12.05		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Highest CH	11.35	11.46	10.67	10.30	10.09	10.23		

Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Highest Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Highest CH	34.81	35.86	33.60	35.60	33.64	35.57		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Highest CH	34.87	34.98	34.19	33.82	33.61	33.75		
Limit	37dBm/MHz							
Result	PASS							

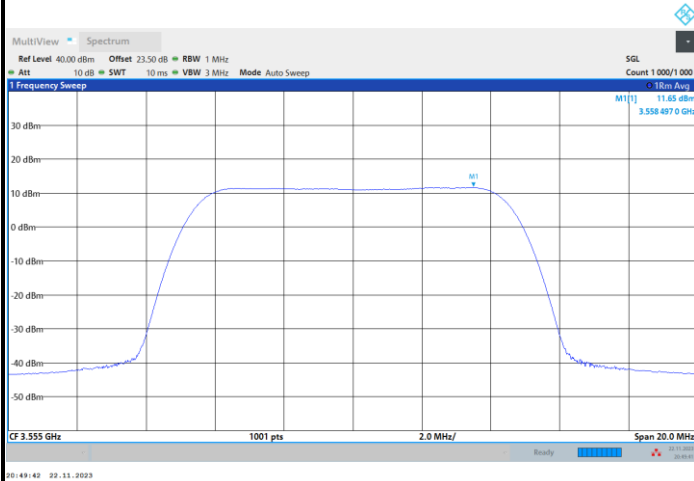
Note

1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 17.5dBi MIMO antenna gain.

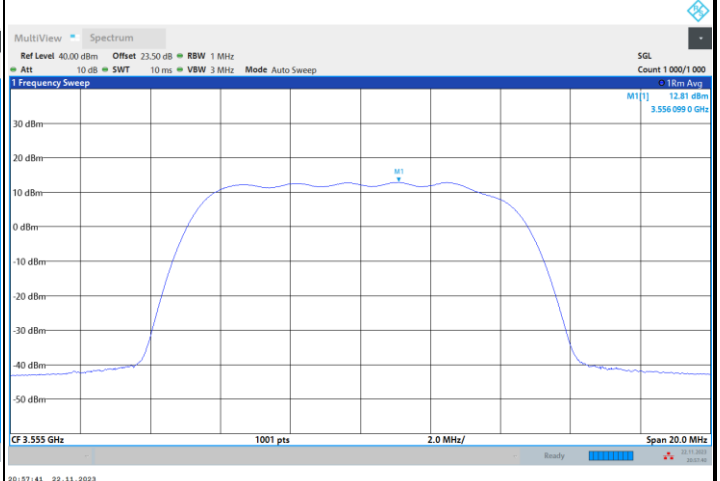


FR1 n48 / 10MHz / Lowest Channel / PSD

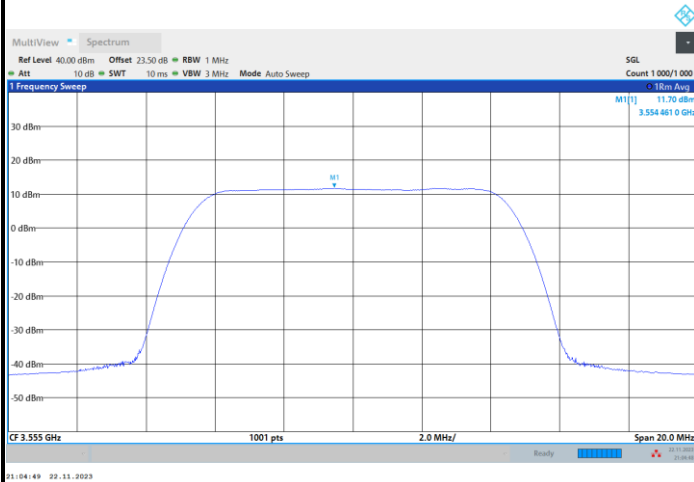
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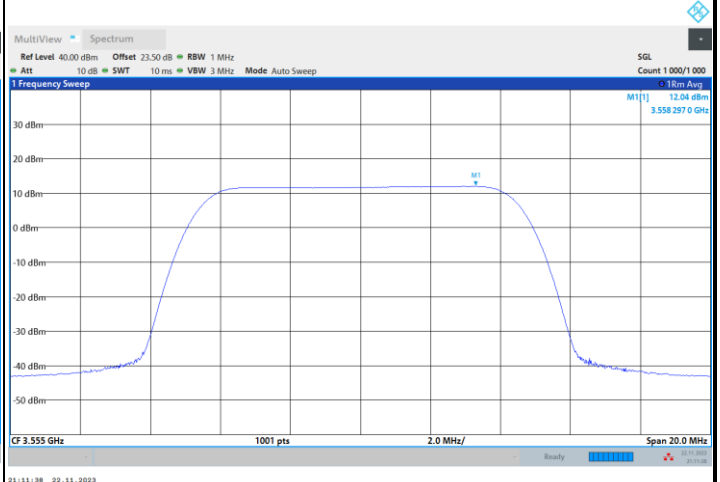
16QAM



64QAM



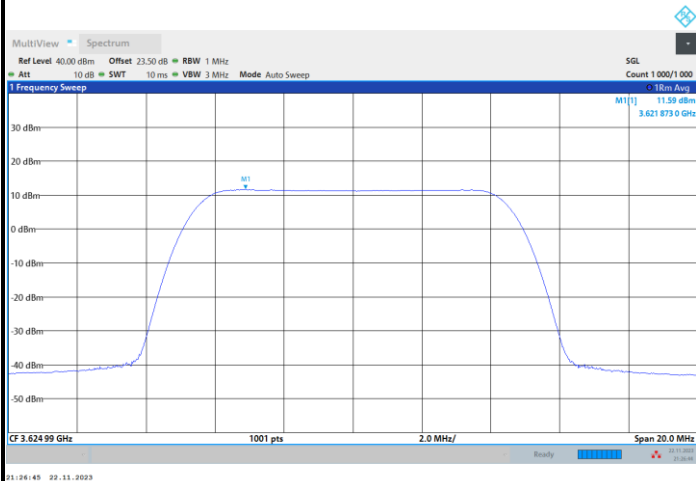
256QAM



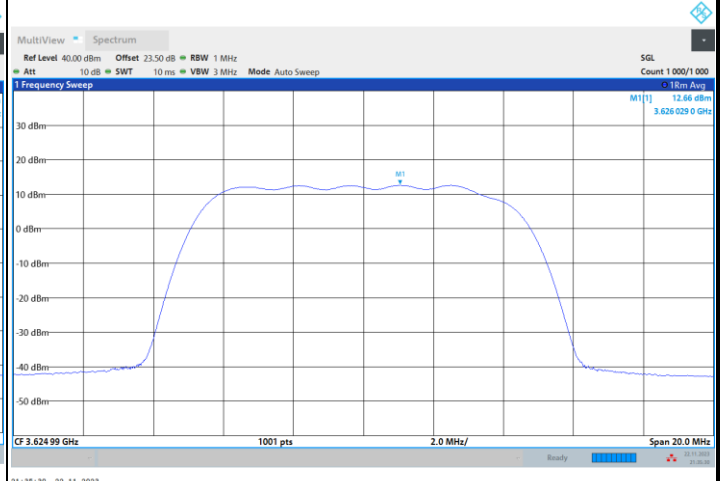


FR1 n48 / 10MHz / Middle Channel / PSD

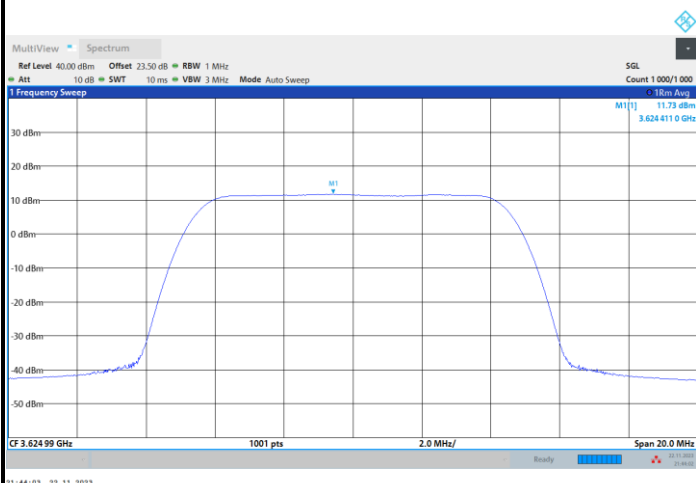
QPSK



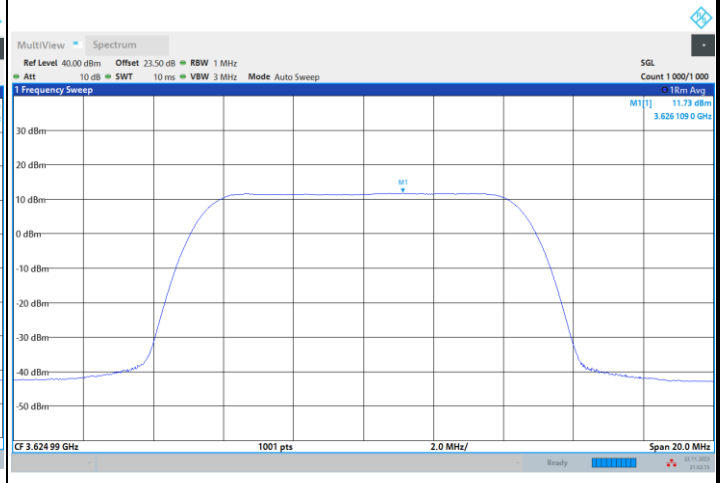
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64QAM



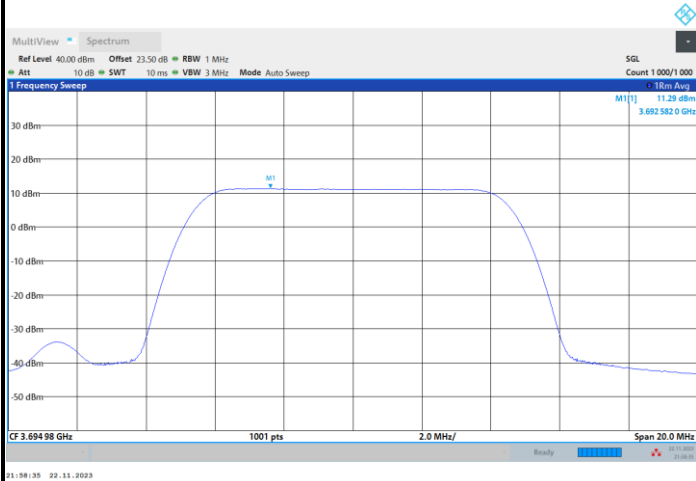
256QAM



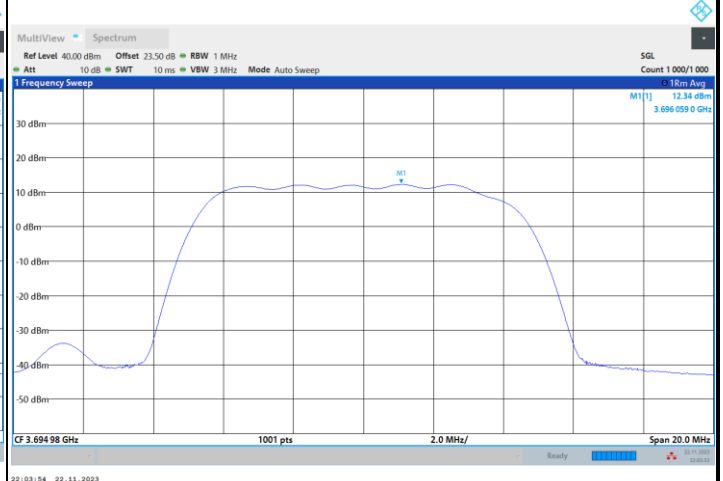


FR1 n48 / 10MHz / Highest Channel / PSD

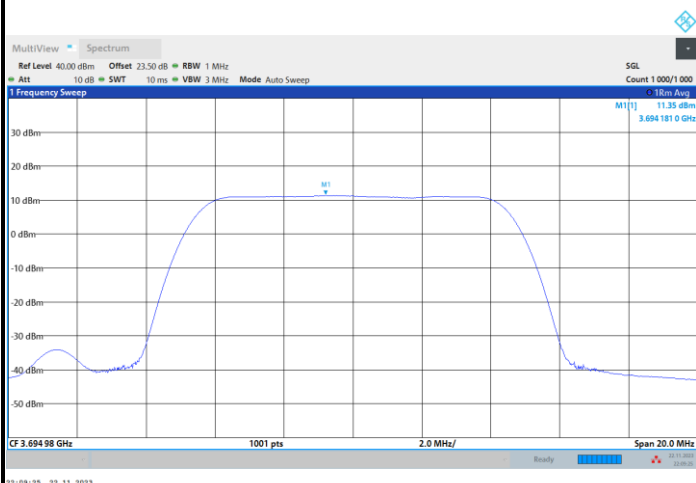
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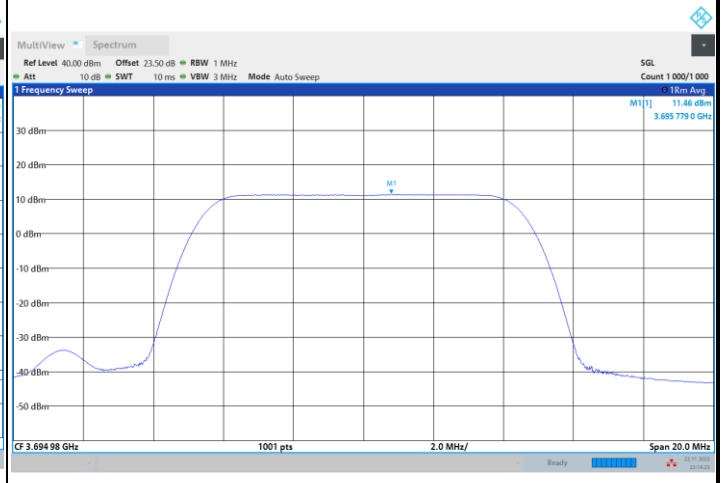
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64QAM



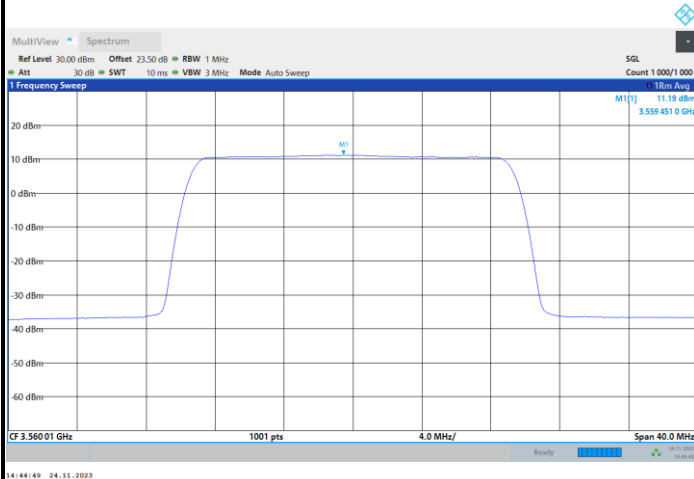
256QAM



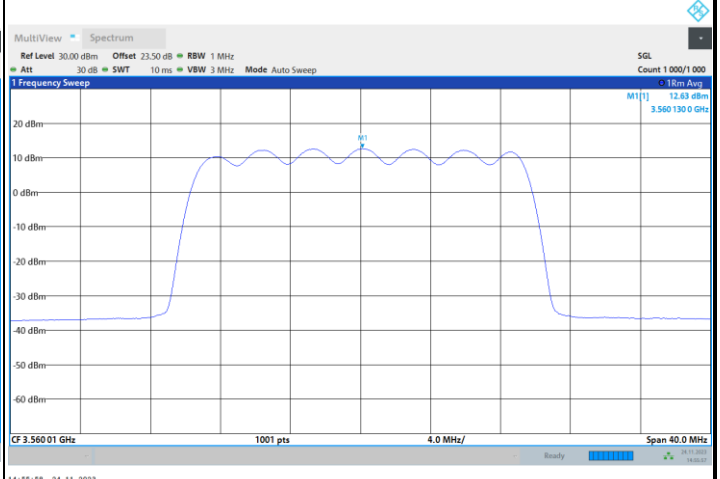


FR1 n48 / 20MHz / Lowest Channel / PSD

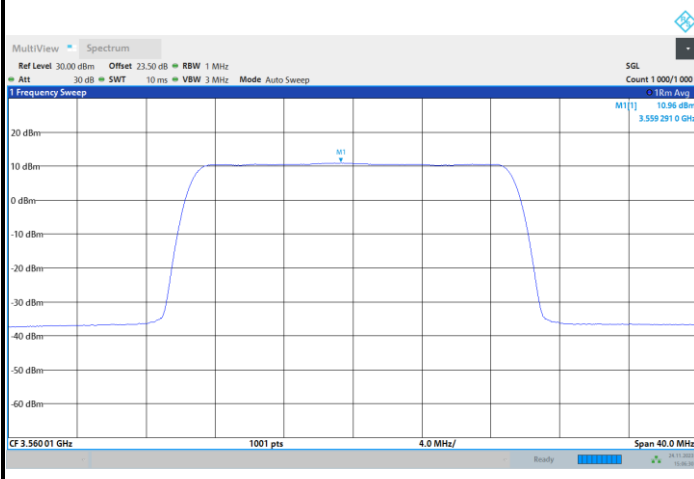
QPSK



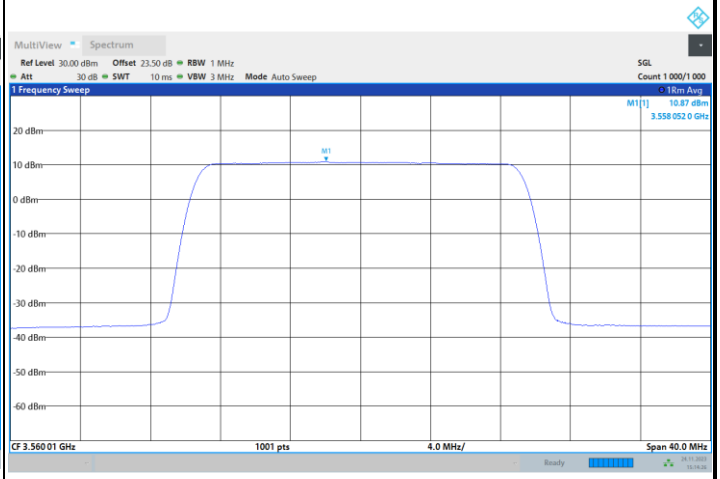
16QAM



64QAM



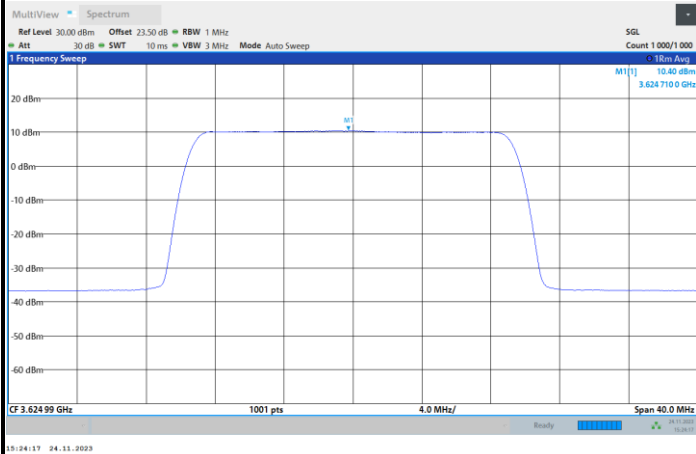
256QAM



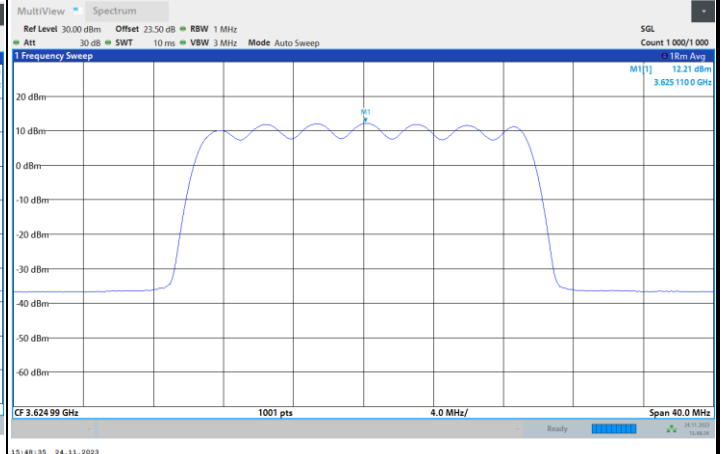


FR1 n48 / 20MHz / Middle Channel / PSD

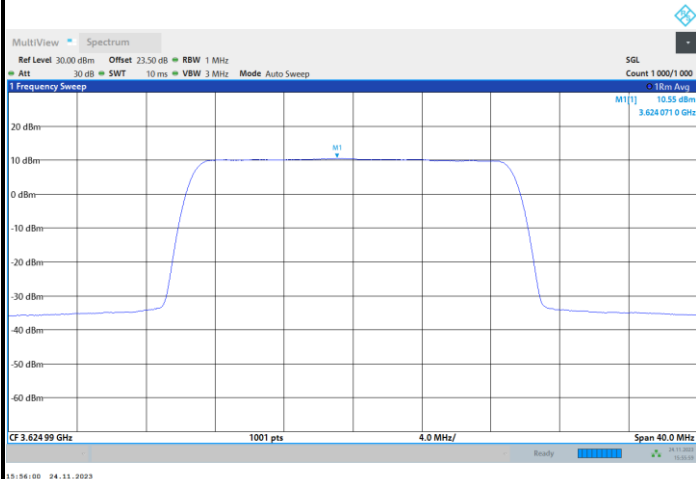
QPSK



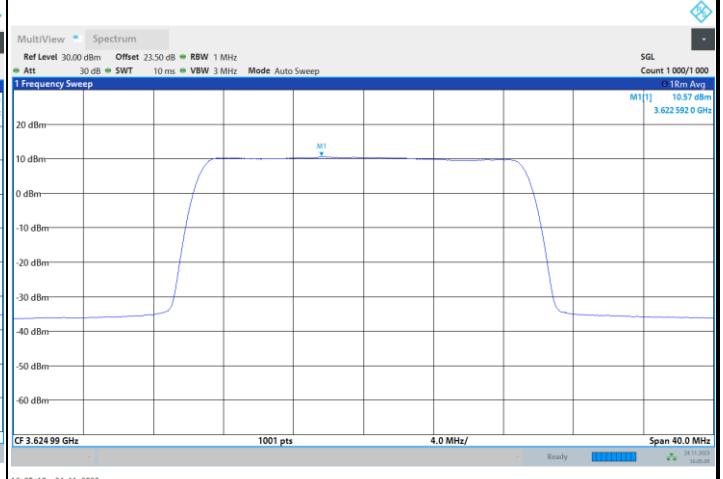
16QAM



64QAM



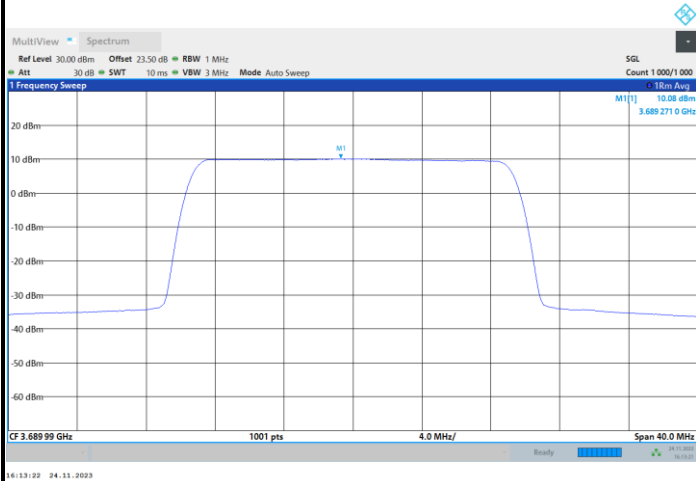
256QAM



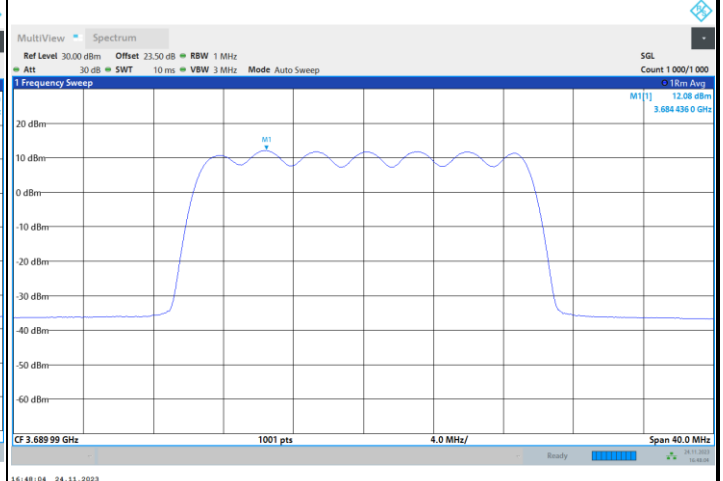


FR1 n48 / 20MHz / Highest Channel / PSD

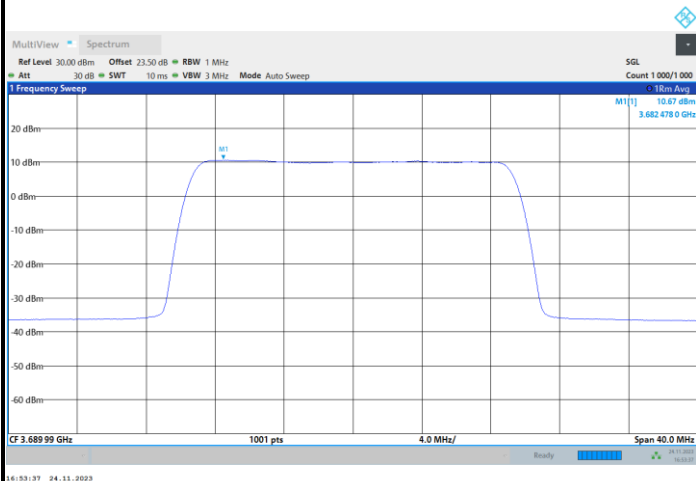
QPSK



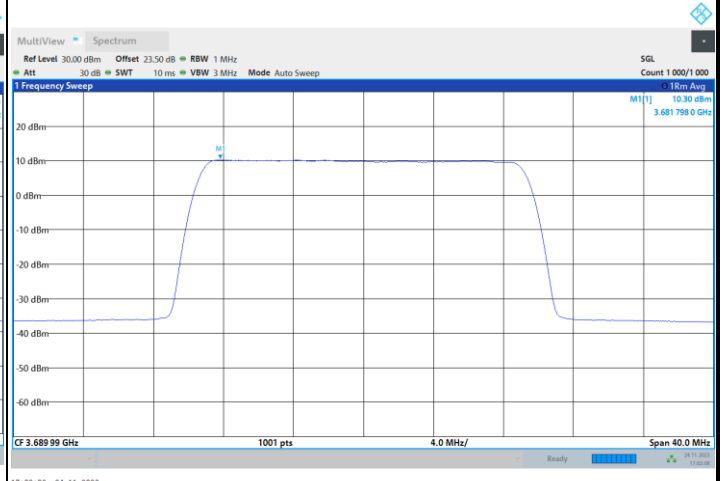
16QAM



64QAM



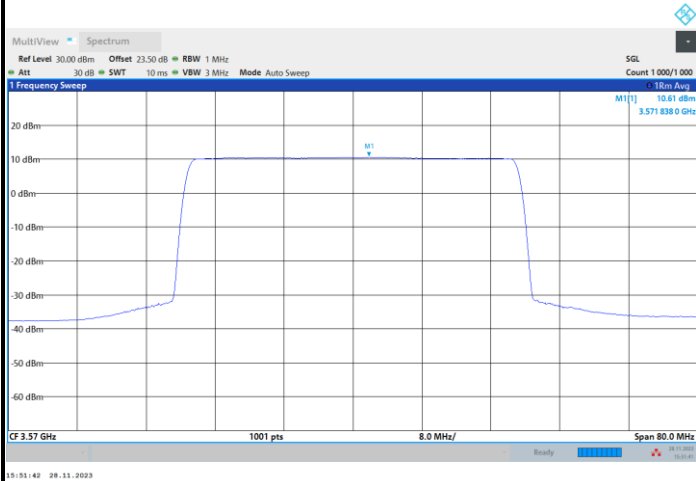
256QAM



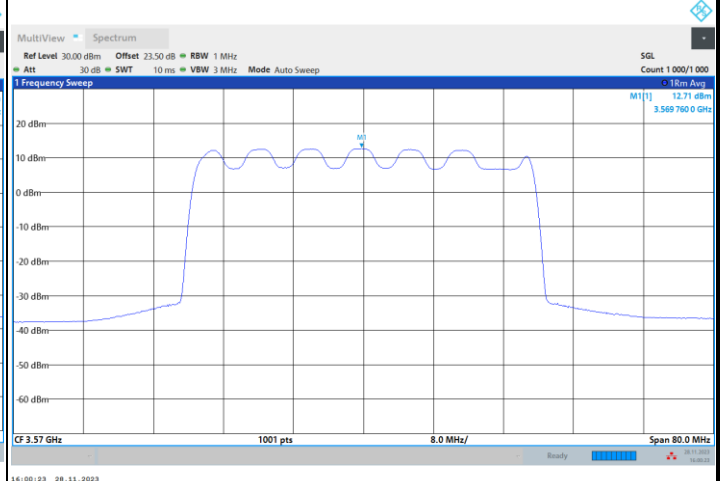


FR1 n48 / 40MHz / Lowest Channel / PSD

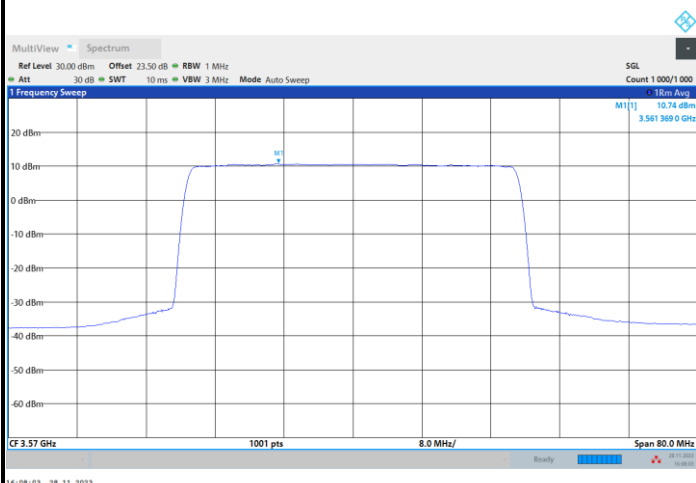
QPSK



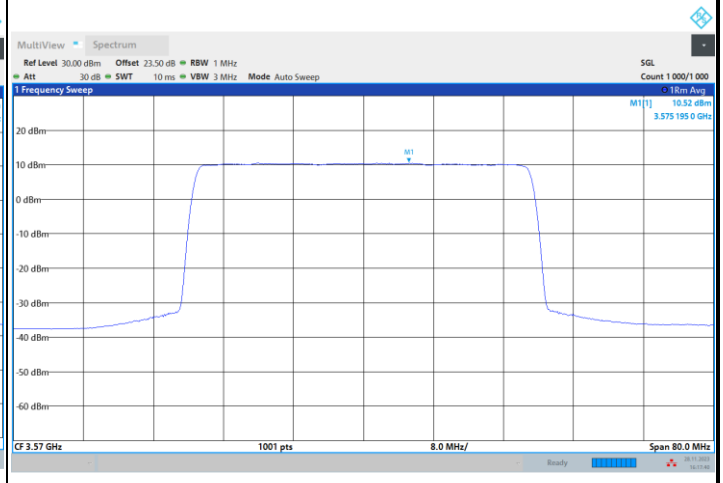
16QAM



64QAM



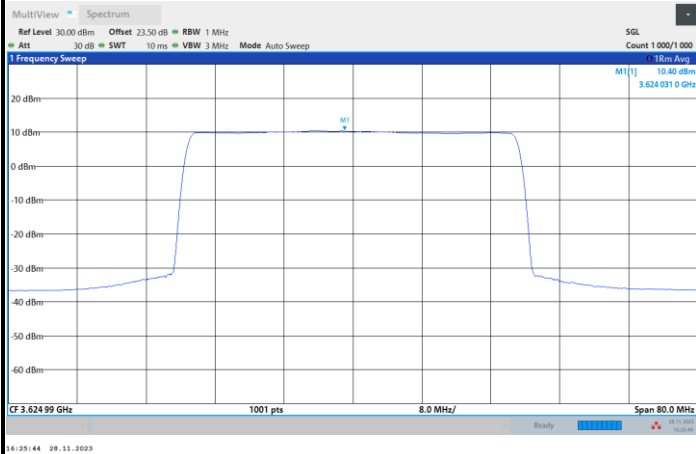
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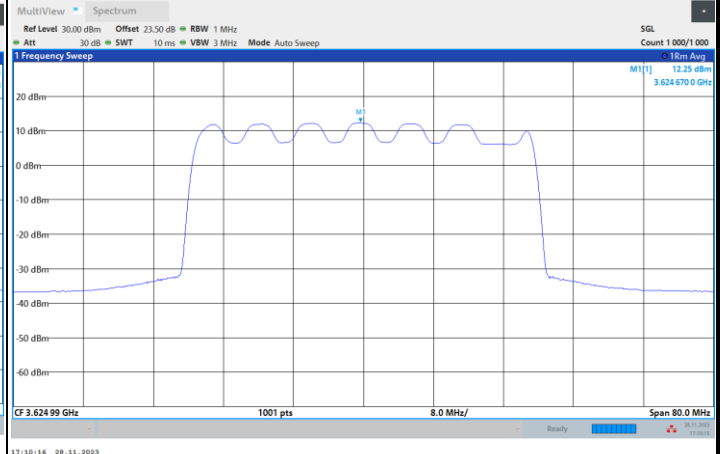


FR1 n48 / 40MHz / Middle Channel / PSD

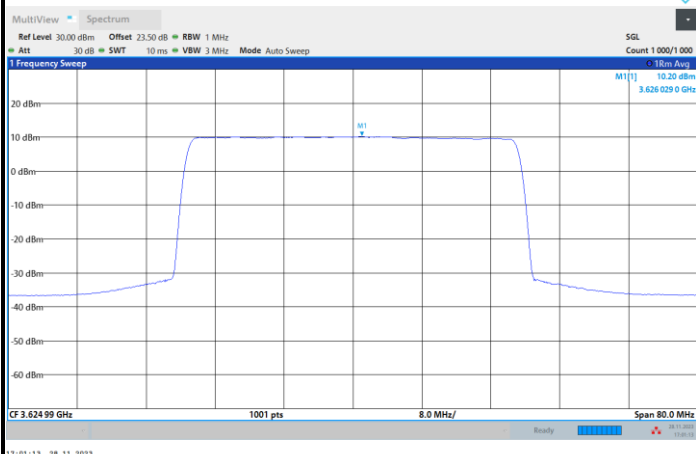
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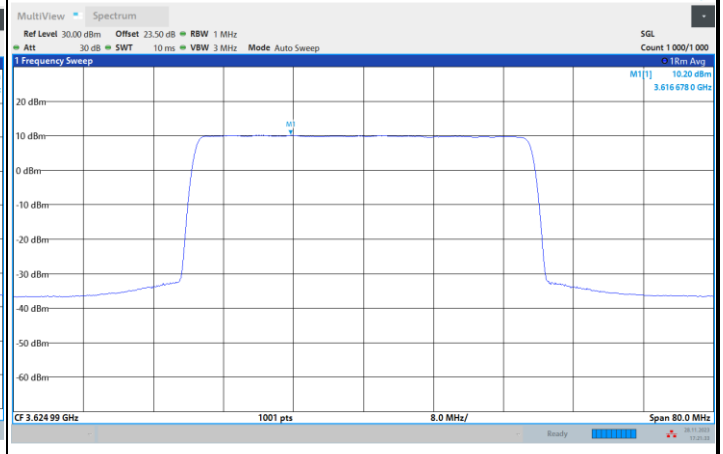
16QAM



64QAM



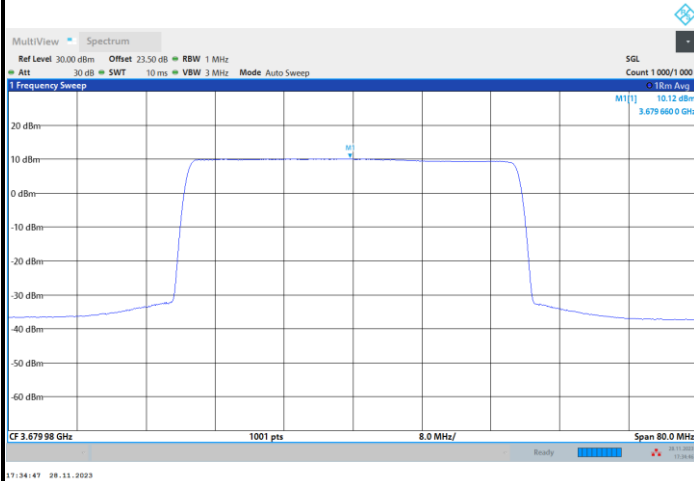
256QAM



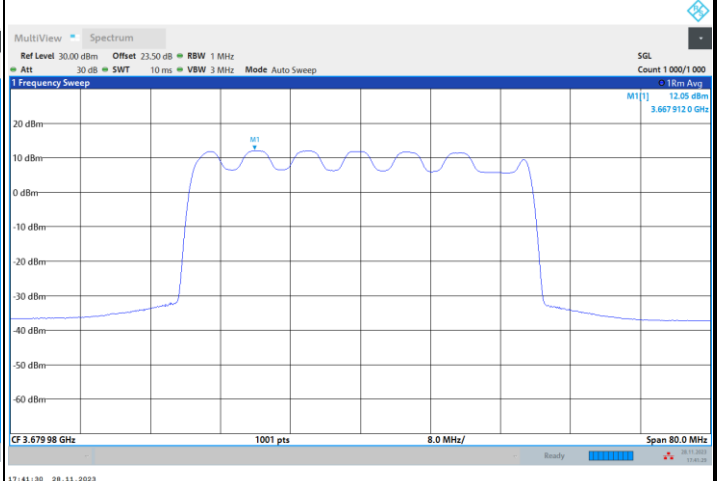


FR1 n48 / 40MHz / Highest Channel / PSD

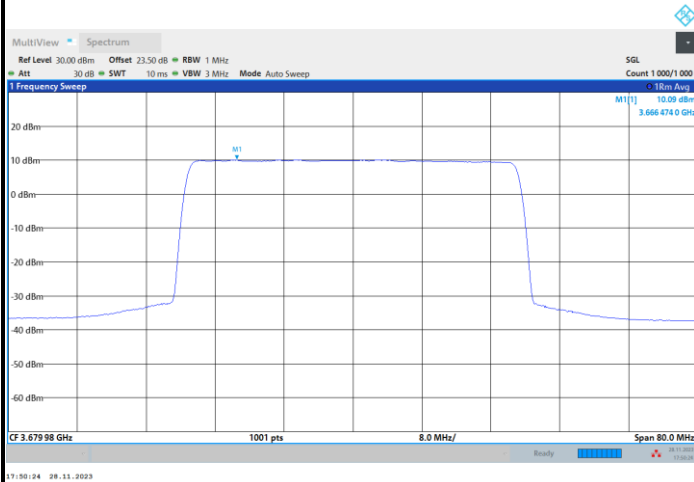
QPSK



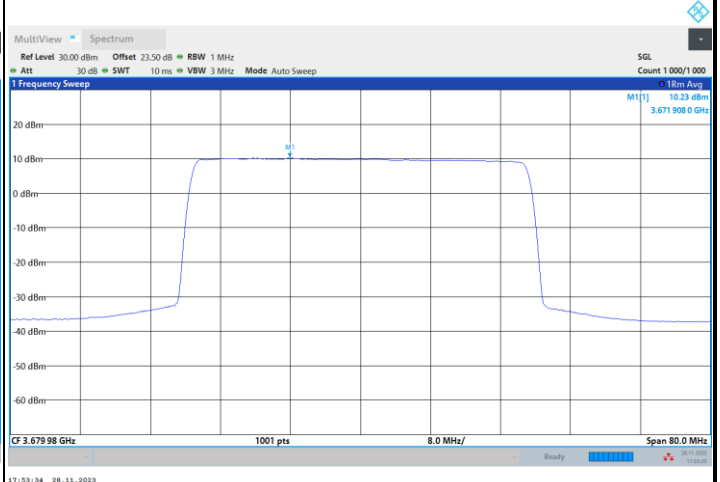
16QAM



64QAM



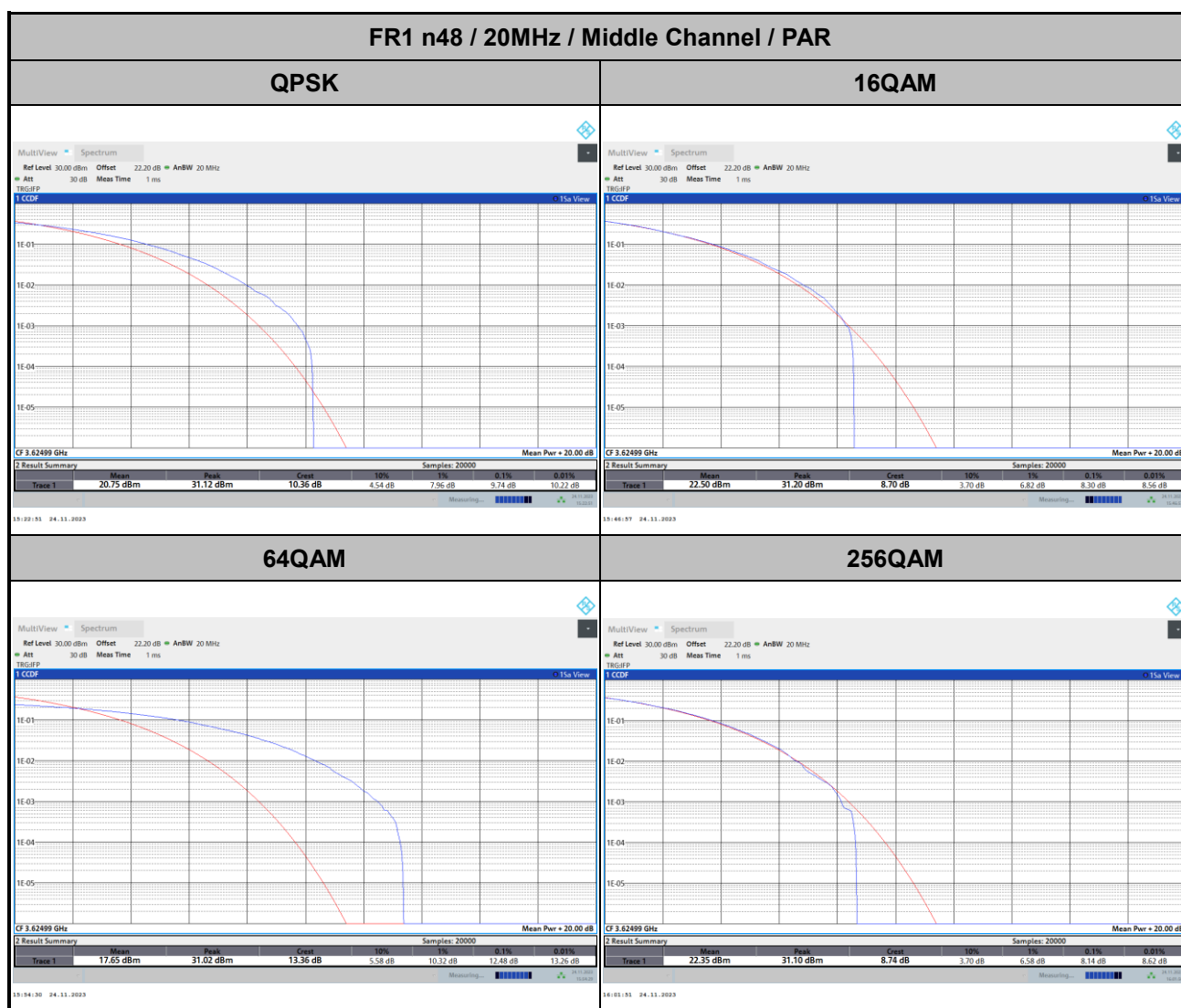
256QAM





Peak-to-Average Ratio

Mode	FR1 n48 / 20MHz / PAR (dB)				Limit: 13dB
Mod.	QPSK	16QAM	64QAM	256QAM	Result
Middle CH	9.74	8.30	12.48	8.14	PASS



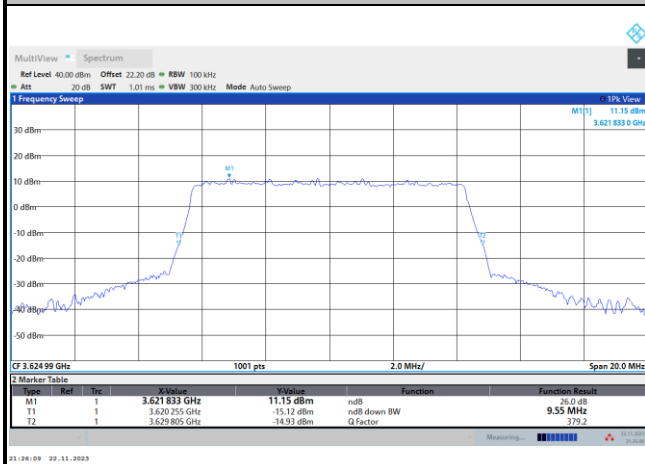
**26dB Bandwidth**

Mode	FR1 n48 : 26dB BW(MHz)							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Middle CH	9.55	9.31	19.50	19.46	40.76	40.44		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Middle CH	9.39	9.45	19.58	19.58	40.60	40.60		

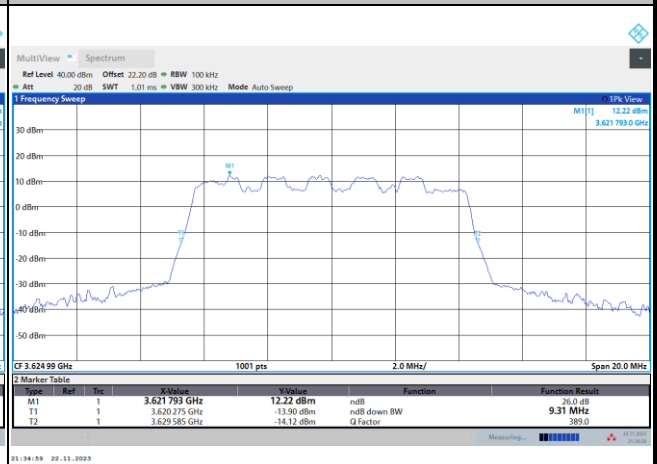


FR1 n48 / 10MHz / Middle Channel / 26dB BW

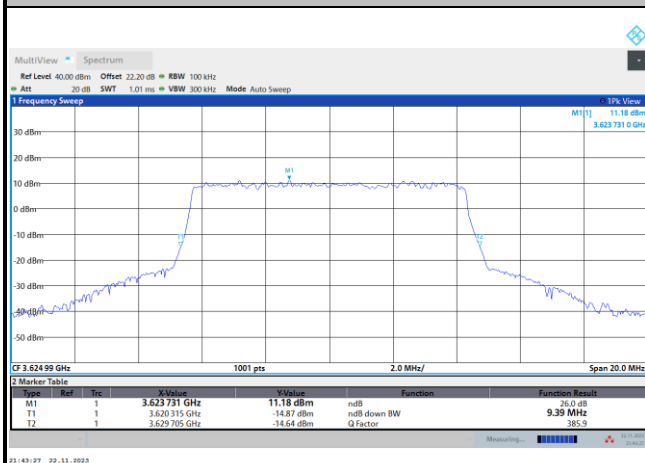
QPSK



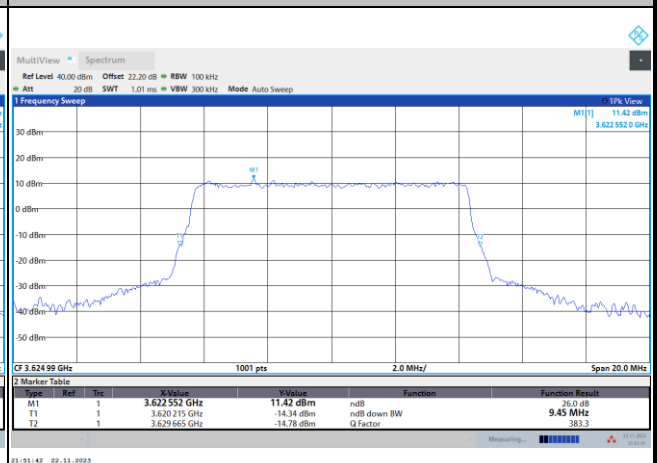
16QAM



64QAM



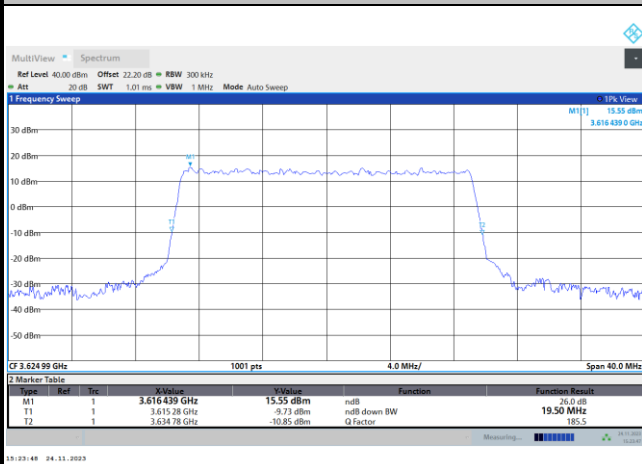
256QAM



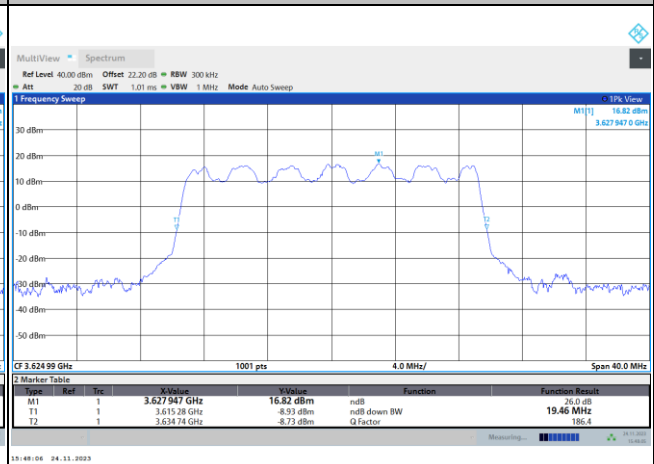


FR1 n48 / 20MHz / Middle Channel / 26dB BW

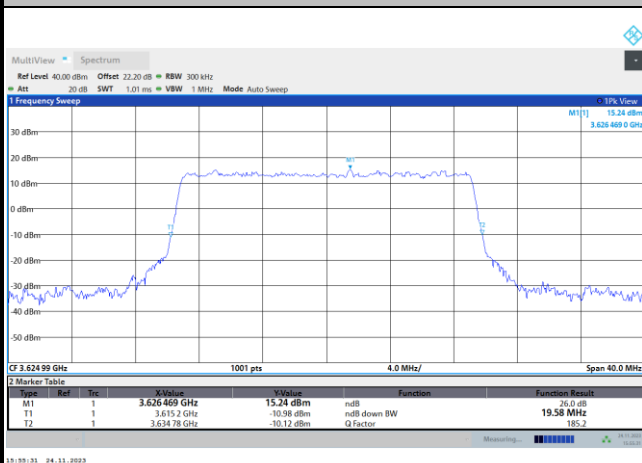
QPSK



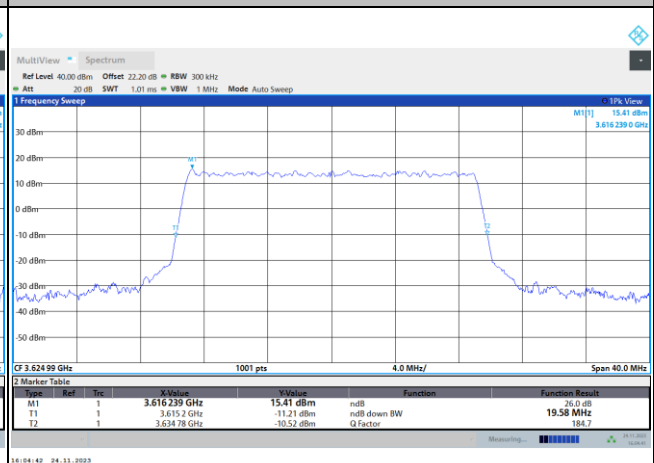
16QAM



64QAM



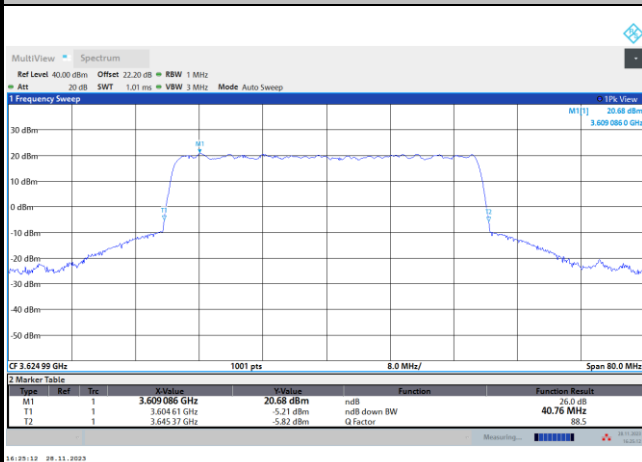
256QAM



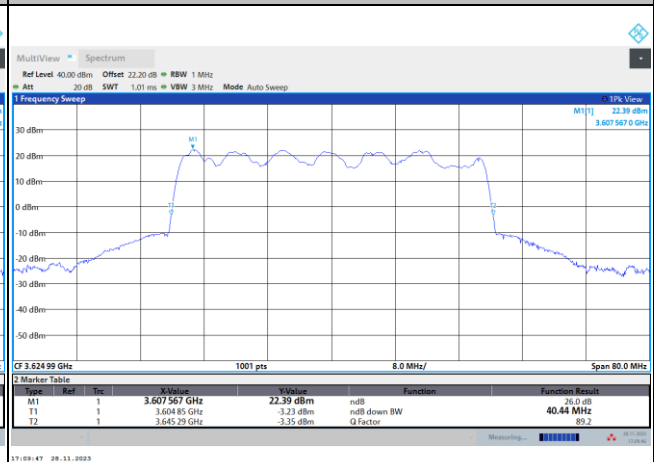


FR1 n48 / 40MHz / Middle Channel / 26dB BW

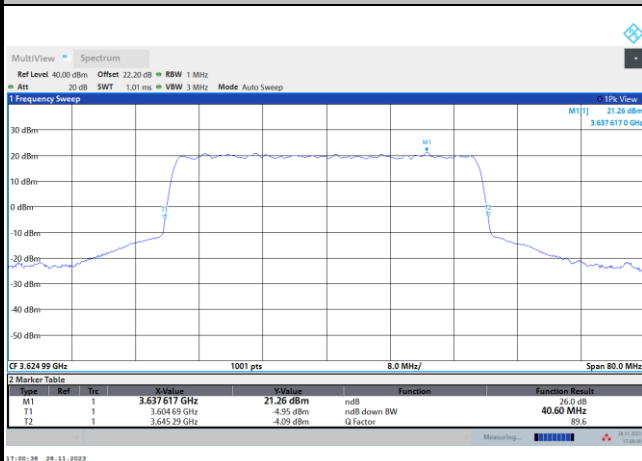
QPSK



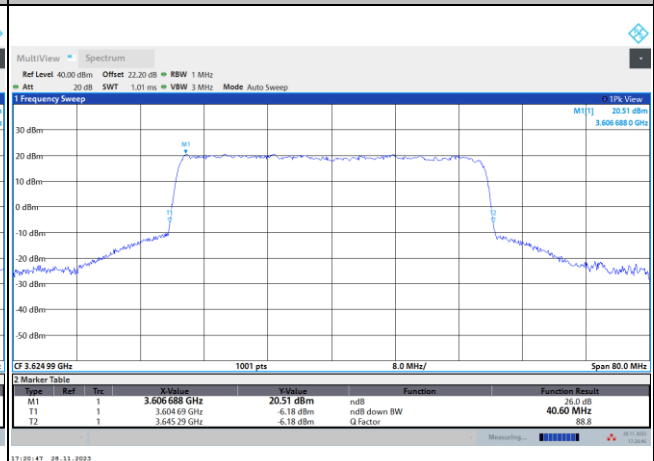
16QAM



64QAM



256QAM





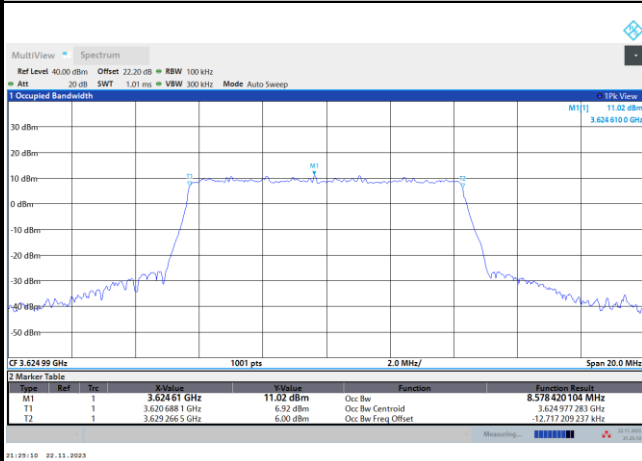
Occupied Bandwidth

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	38.06	38.11		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Middle CH	8.54	8.54	18.19	18.19	37.99	38.09		

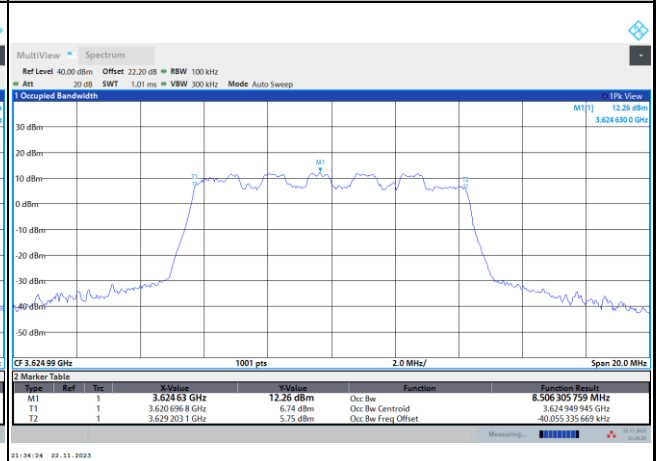


FR1 n48 / 10MHz / Middle Channel / 99%OBW

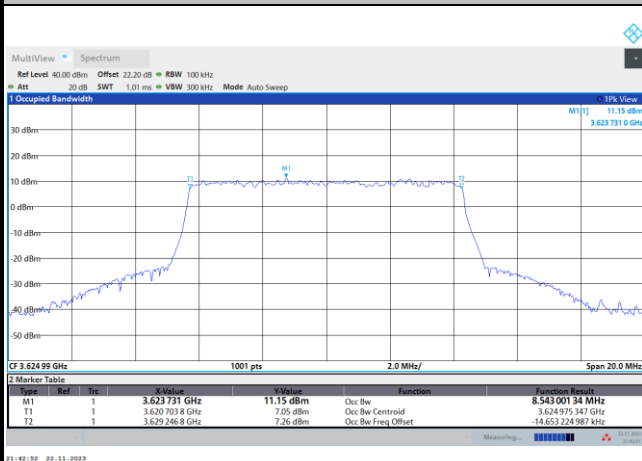
QPSK



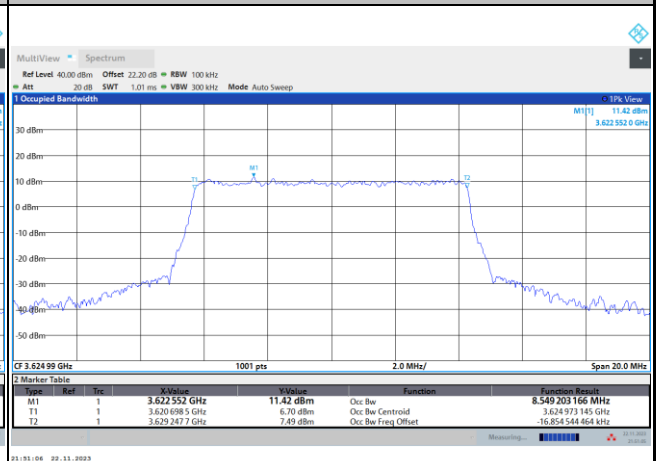
16QAM



64QAM



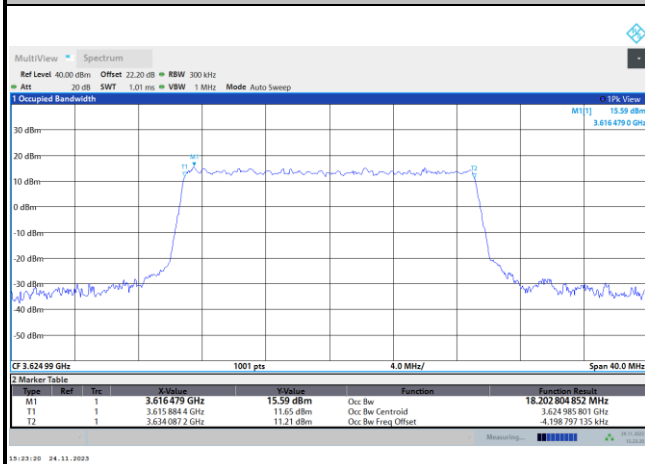
256QAM



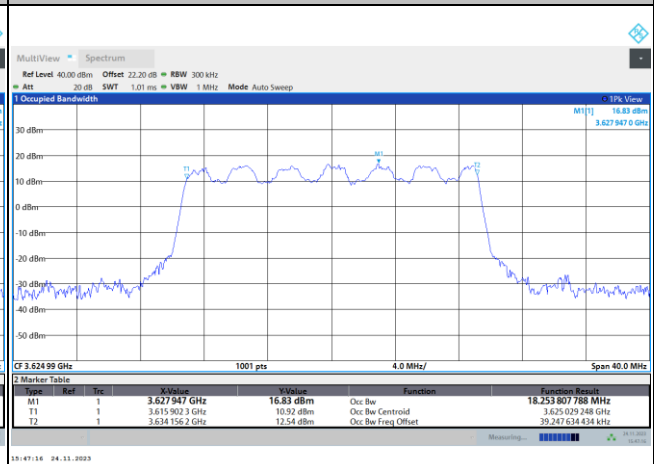


FR1 n48 / 20MHz / Middle Channel / 99%OBW

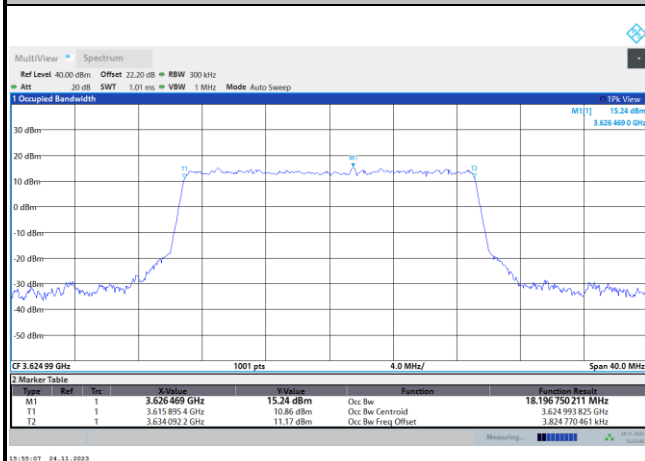
QPSK



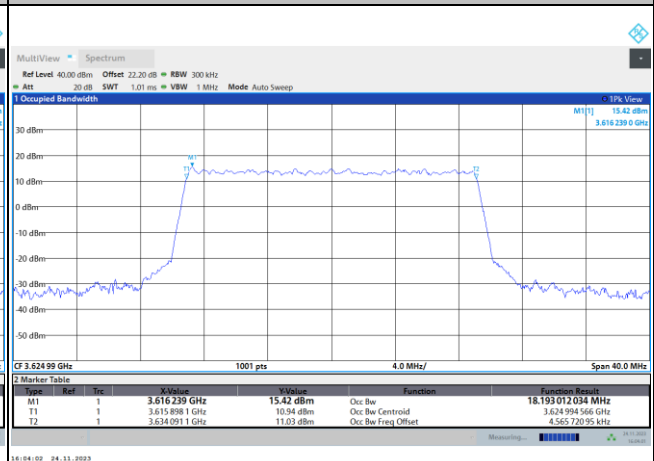
16QAM



64QAM



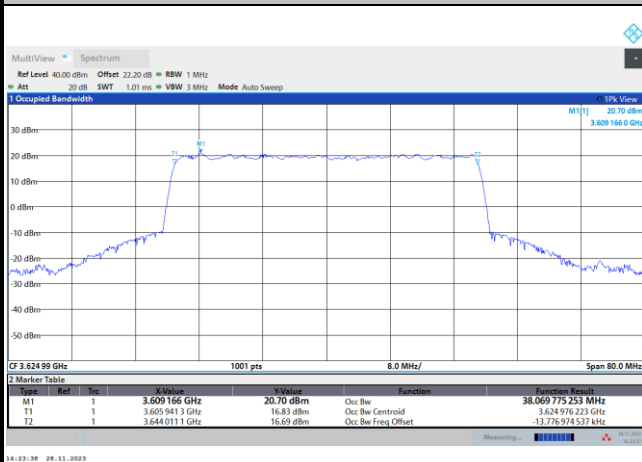
256QAM



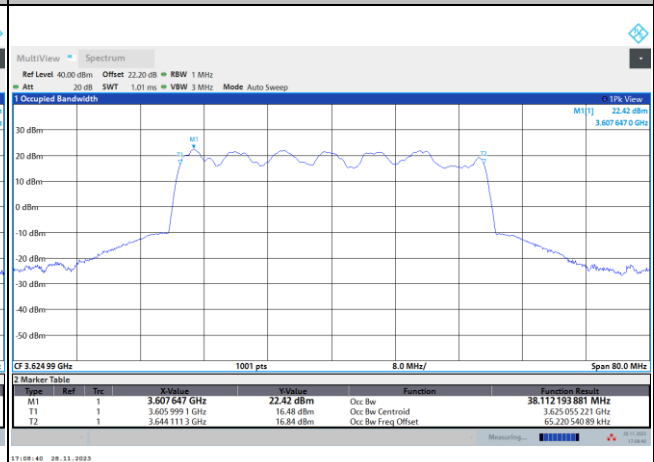


FR1 n48 / 40MHz / Middle Channel / 99%OBW

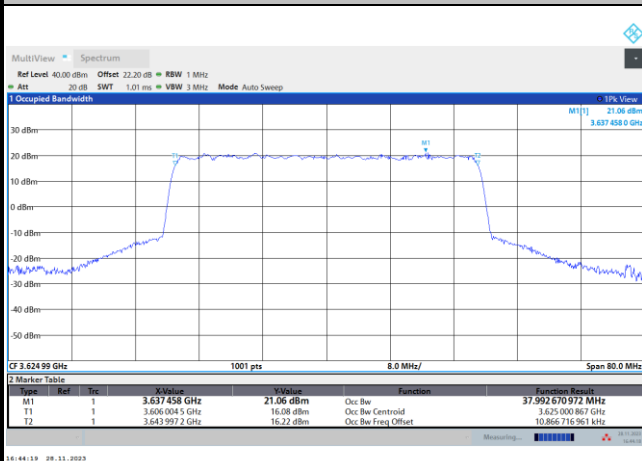
QPSK



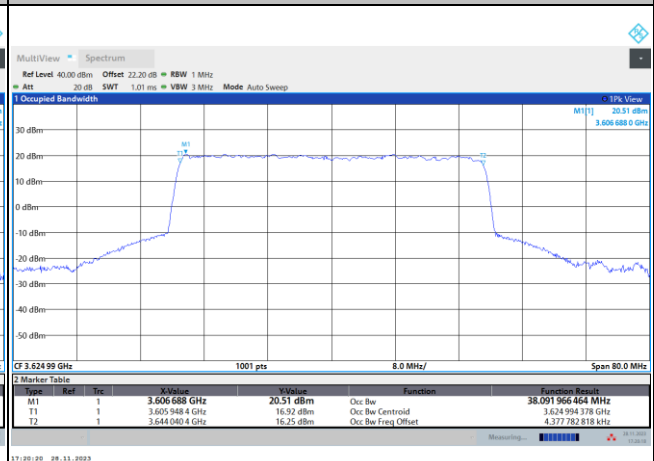
16QAM

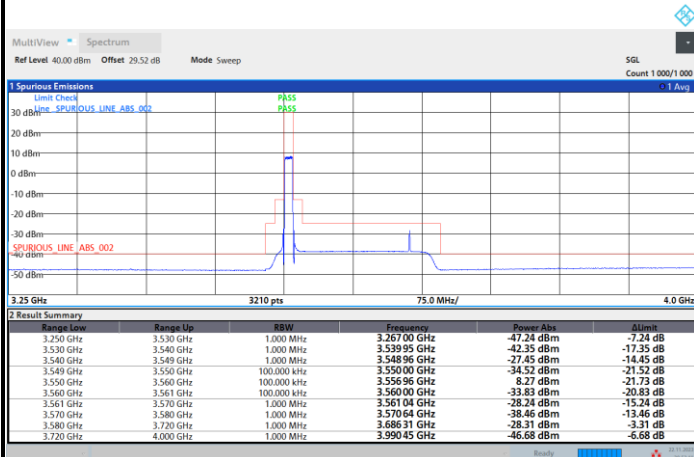


64QAM

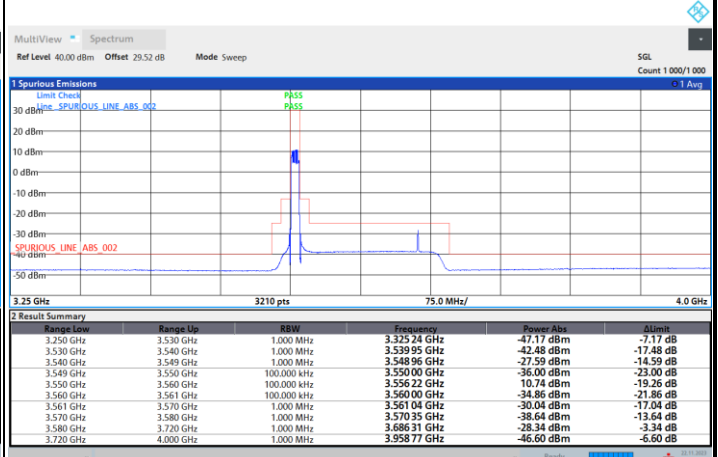


256QAM

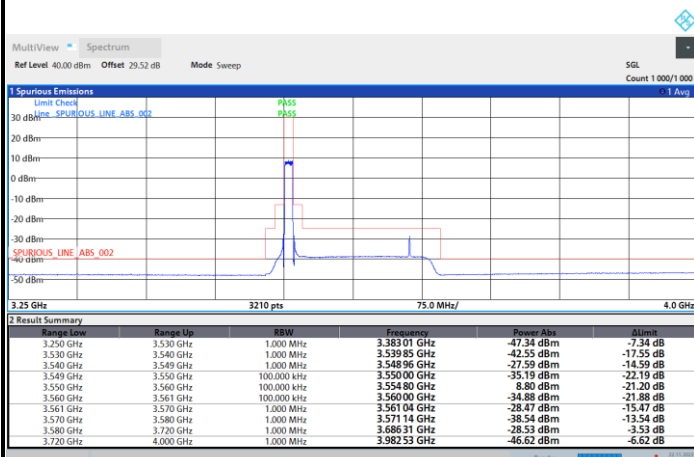


**Unwanted Emission (MASK)****FR1 n48 / 10MHz / Lowest Channel / MASK****QPSK**

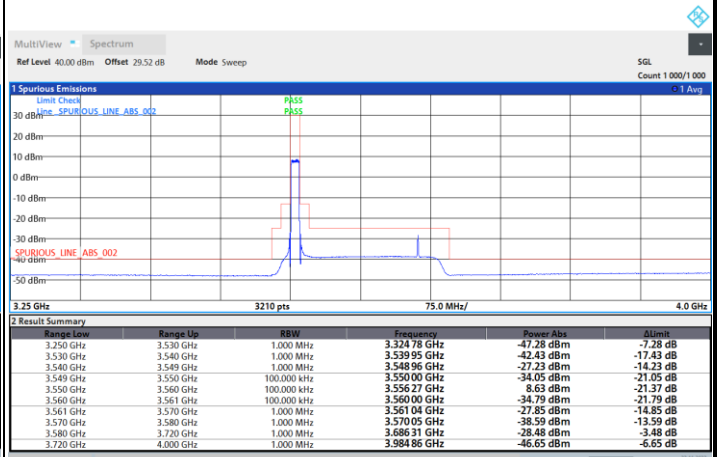
20:50:13 22.11.2023

16QAM

20:59:50 22.11.2023

64QAM

21:07:13 22.11.2023

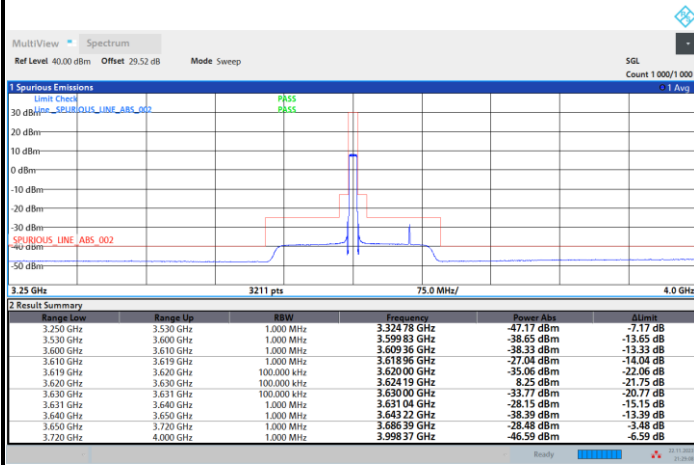
256QAM

21:13:53 22.11.2023

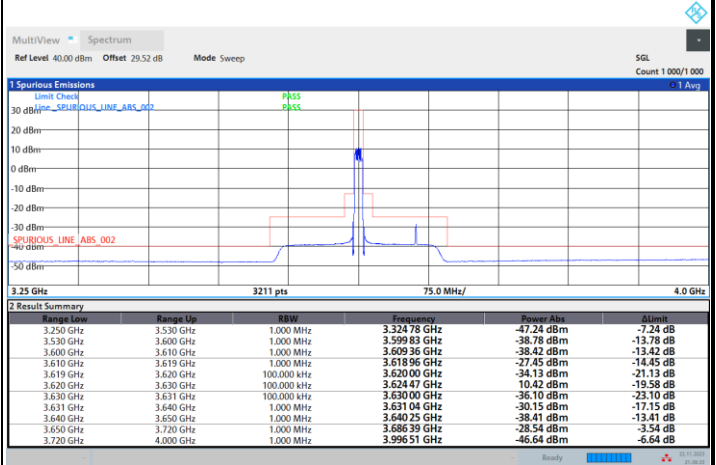


FR1 n48 / 10MHz / Middle Channel / MASK

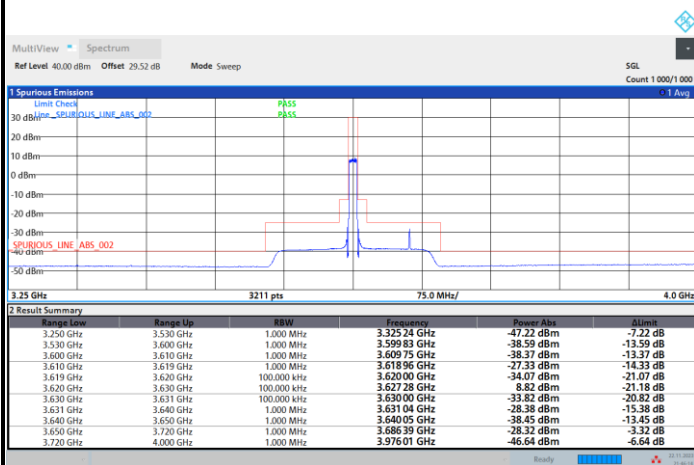
QPSK



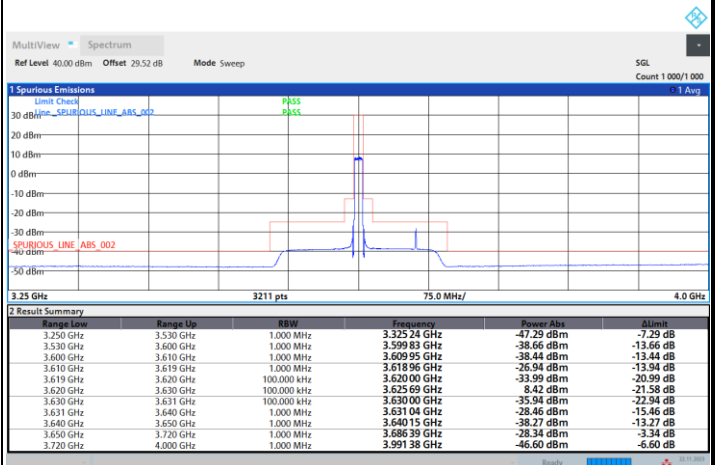
16QAM



64QAM



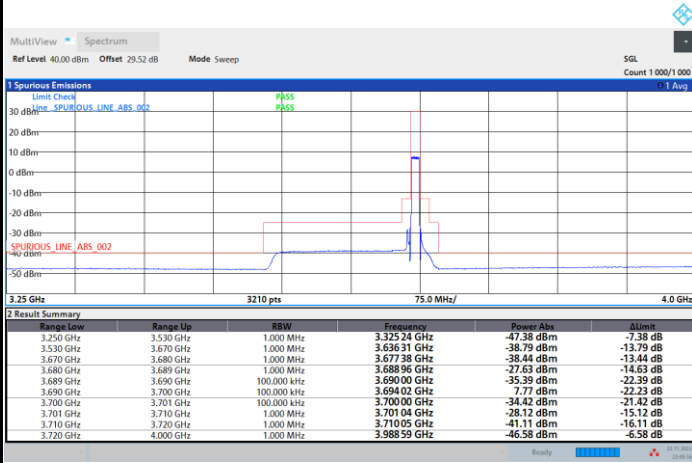
256QAM



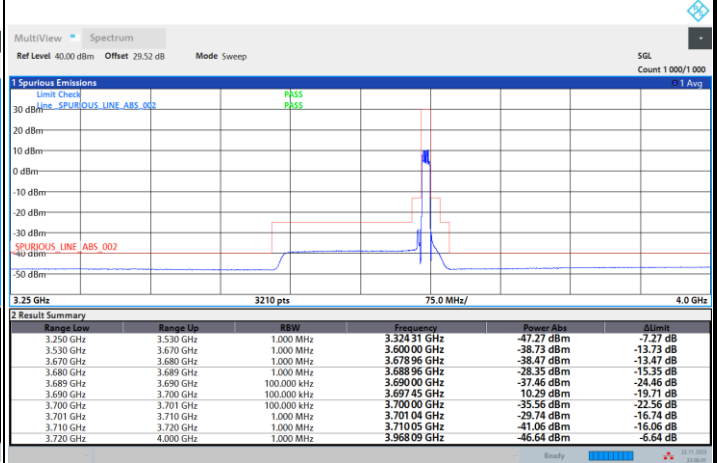


FR1 n48 / 10MHz / Highest Channel / MASK

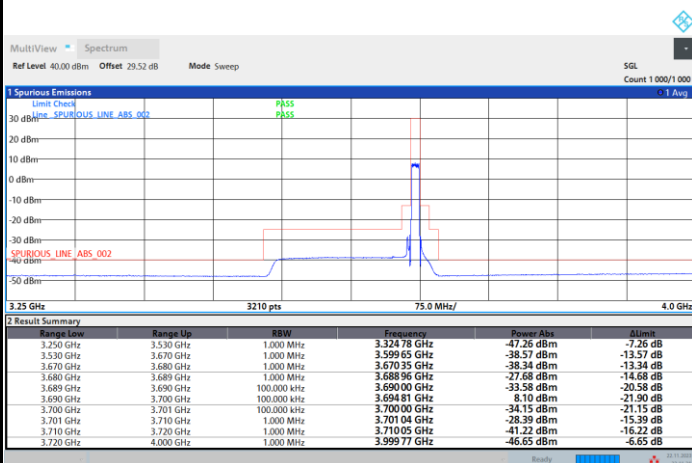
QPSK



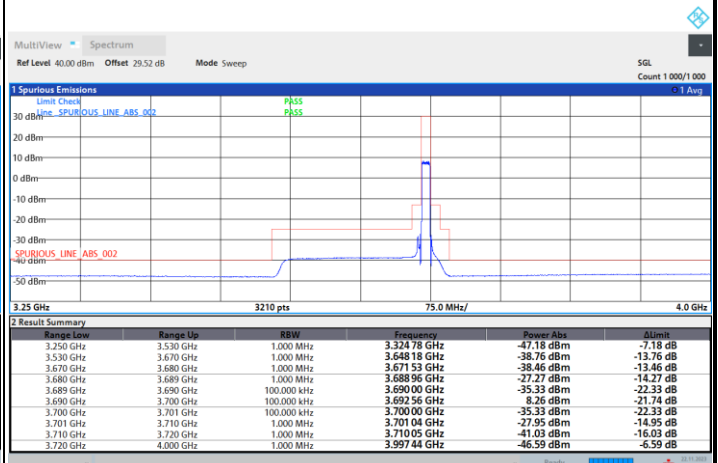
16QAM



64QAM



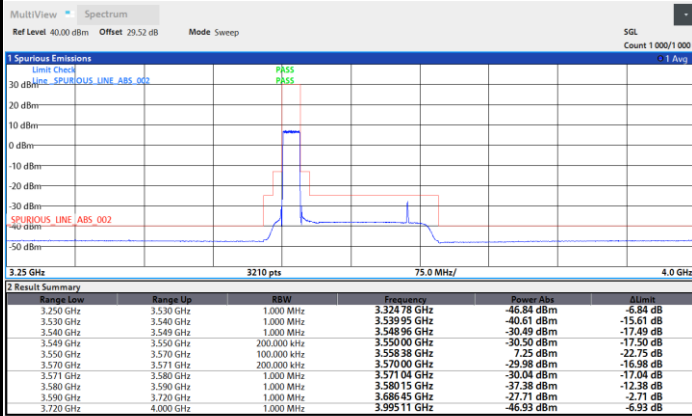
256QAM



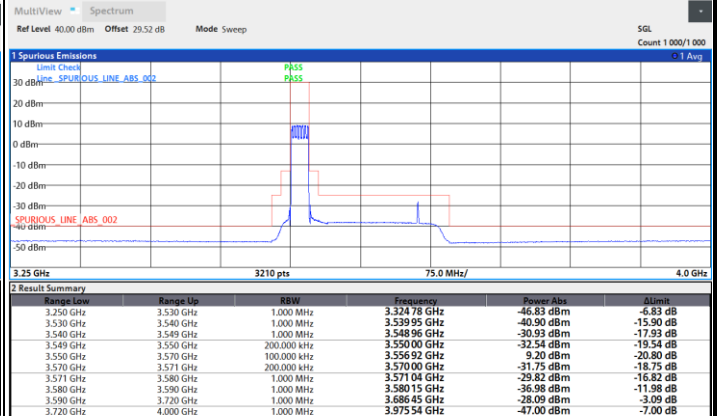


FR1 n48 / 20MHz / Lowest Channel / MASK

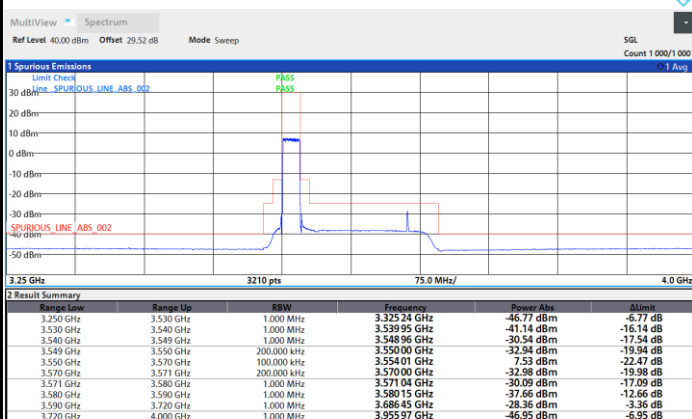
QPSK



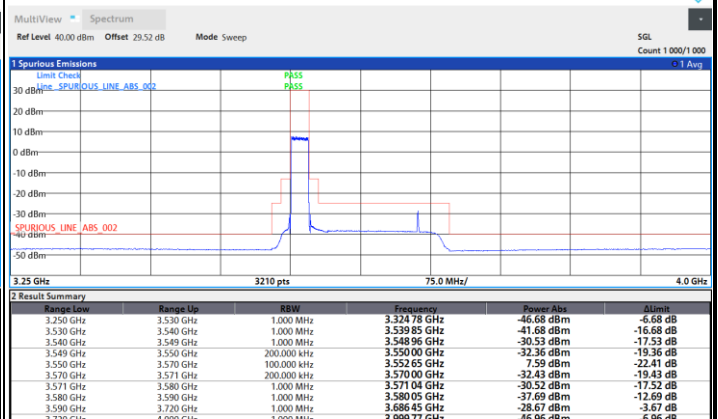
16QAM



64QAM



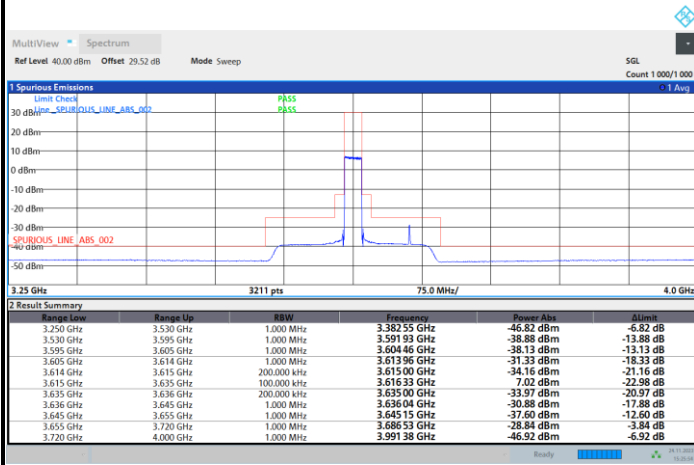
256QAM



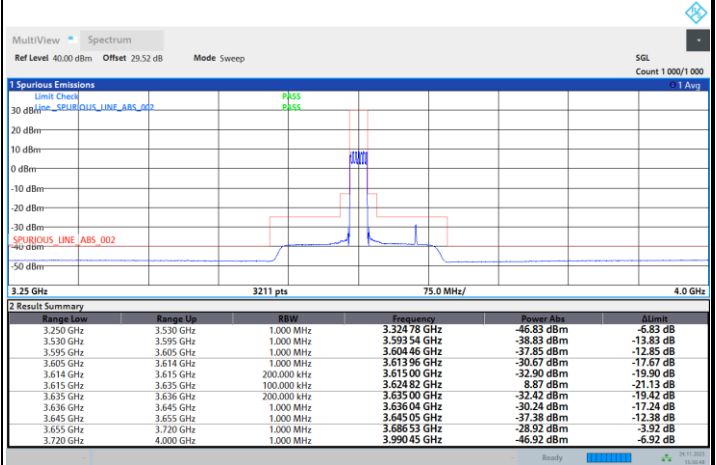


FR1 n48 / 20MHz / Middle Channel / MASK

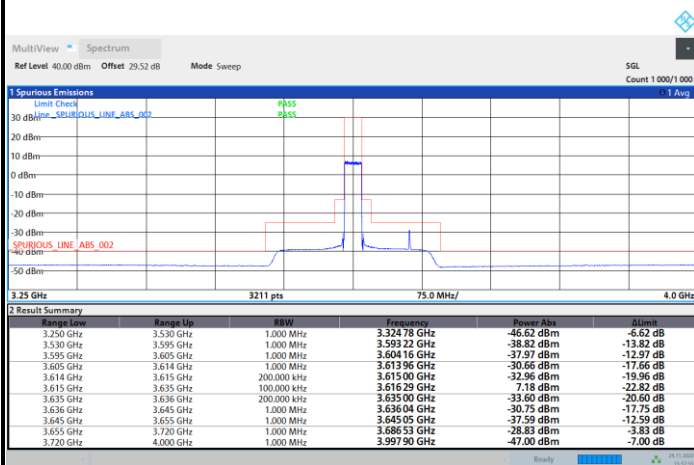
QPSK



16QAM



64QAM



256QAM

