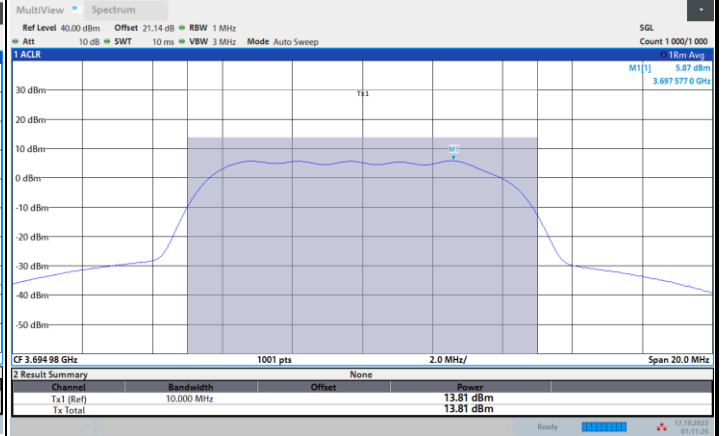
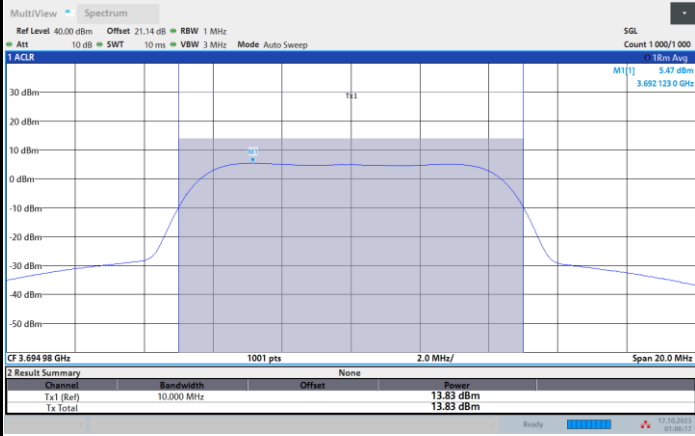




FR1 n48 / 10MHz / Highest Channel / Conducted (dBm/10MHz)

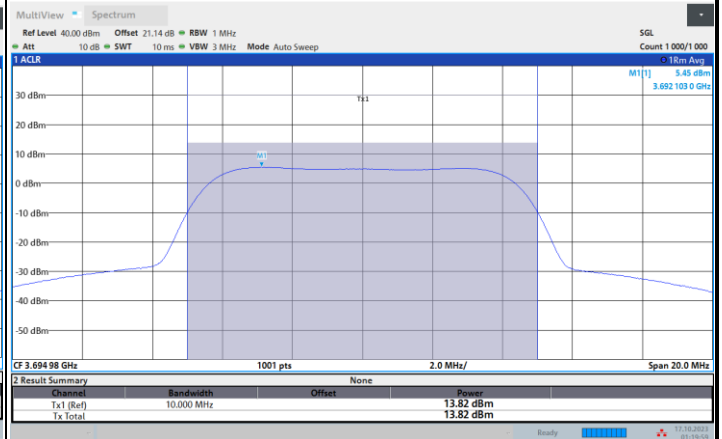
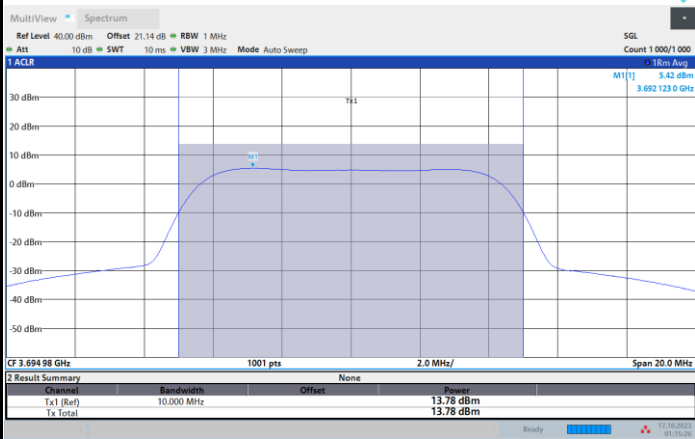
QPSK

16QAM



64QAM

256QAM

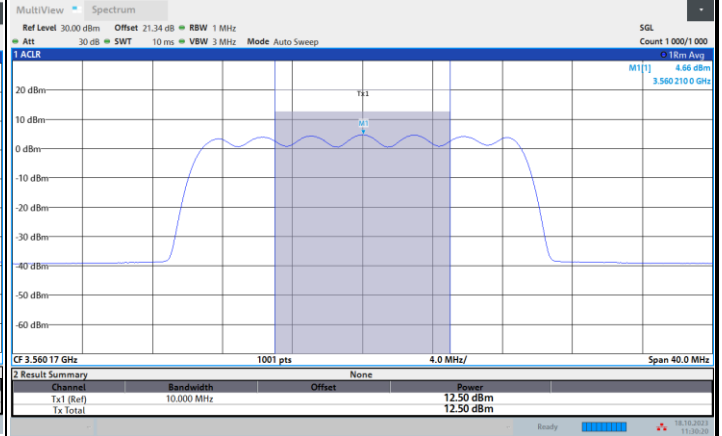
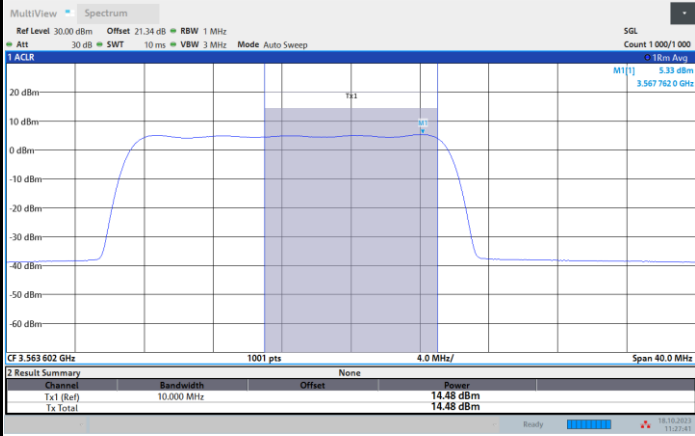




FR1 n48 / 20MHz / Lowest Channel / Conducted (dBm/10MHz)

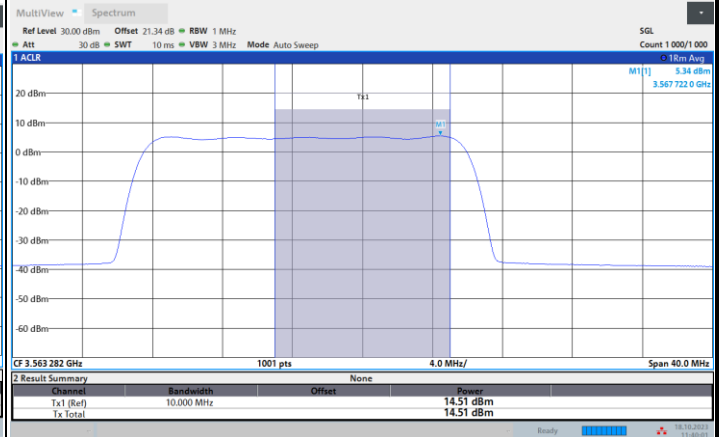
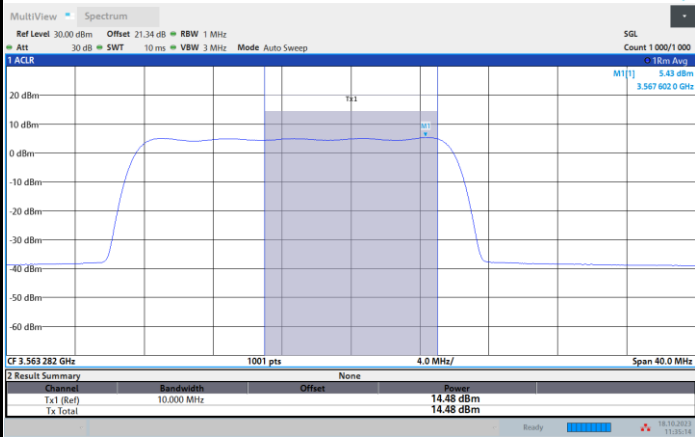
QPSK

16QAM



64QAM

256QAM

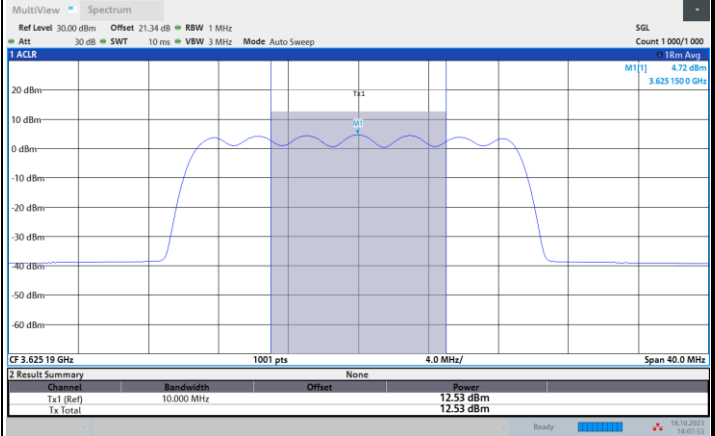
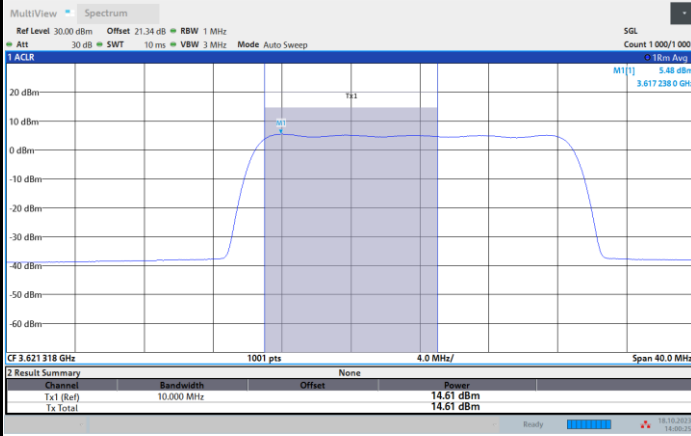




FR1 n48 / 20MHz / Middle Channel / Conducted (dBm/10MHz)

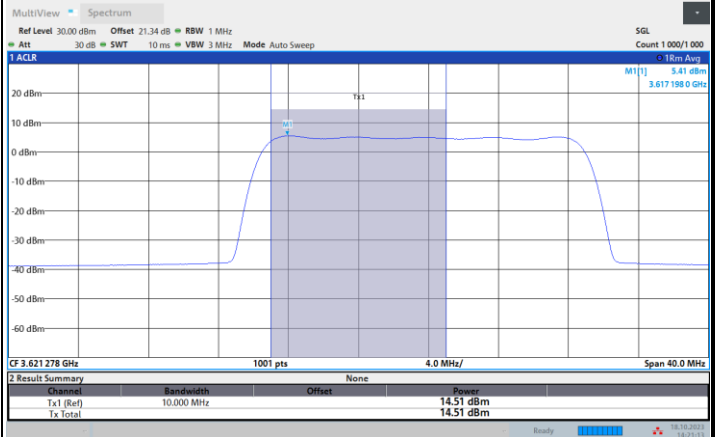
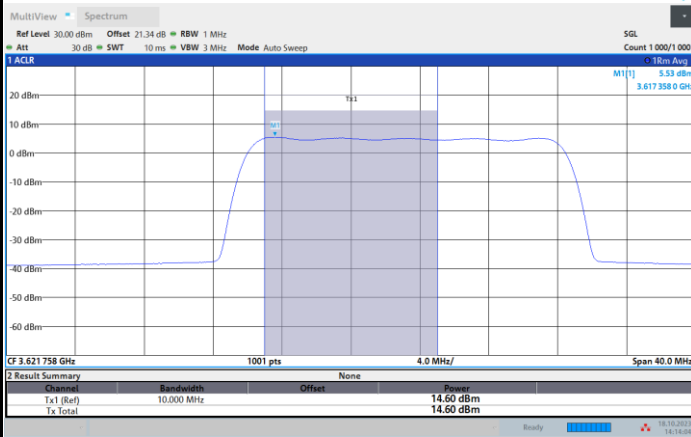
QPSK

16QAM



64QAM

256QAM

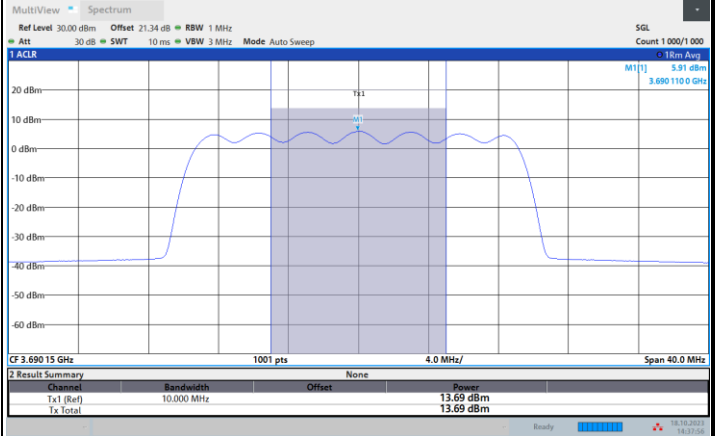
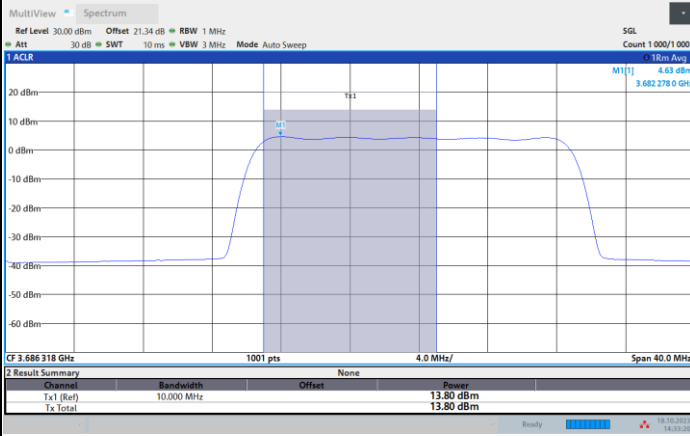




FR1 n48 / 20MHz / Highest Channel / Conducted (dBm/10MHz)

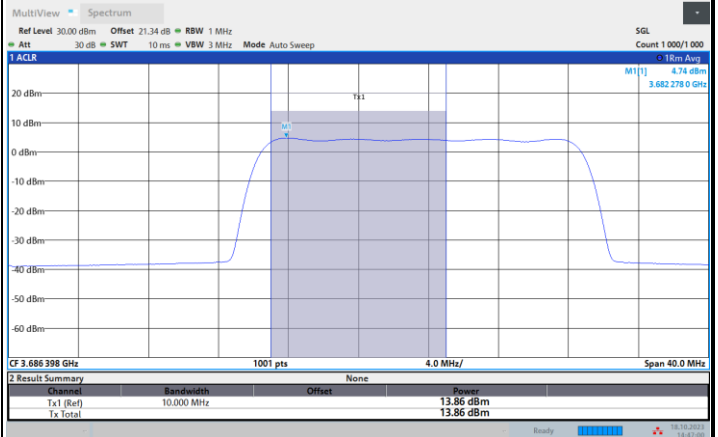
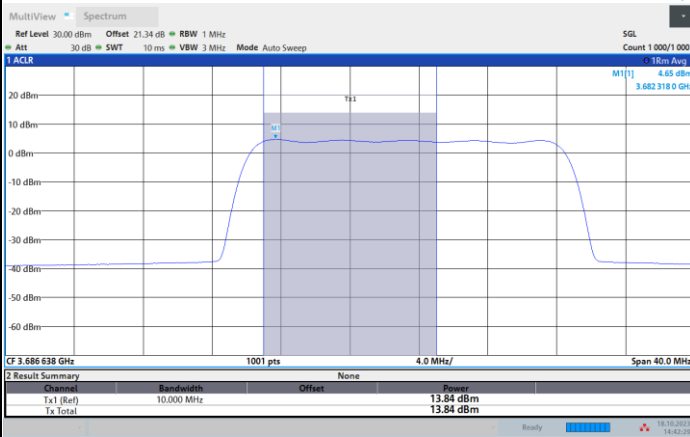
QPSK

16QAM



64QAM

256QAM

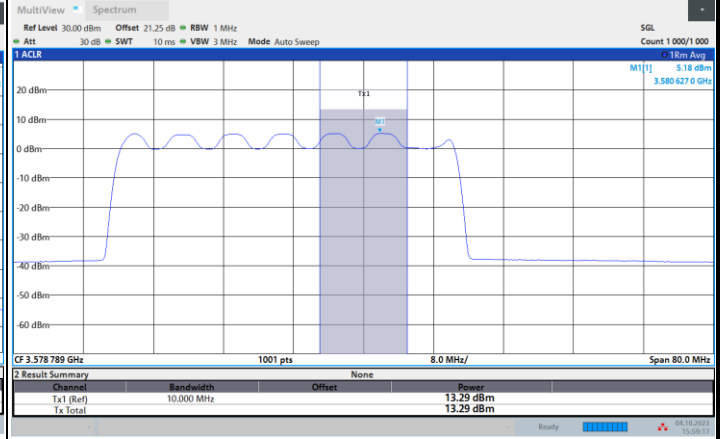
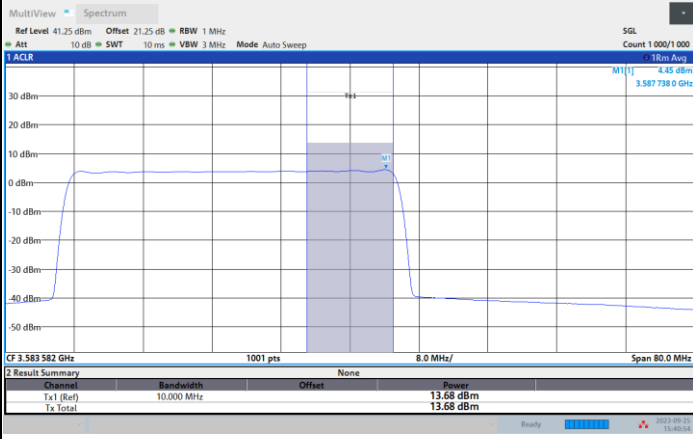




FR1 n48 / 40MHz / Lowest Channel / Conducted (dBm/10MHz)

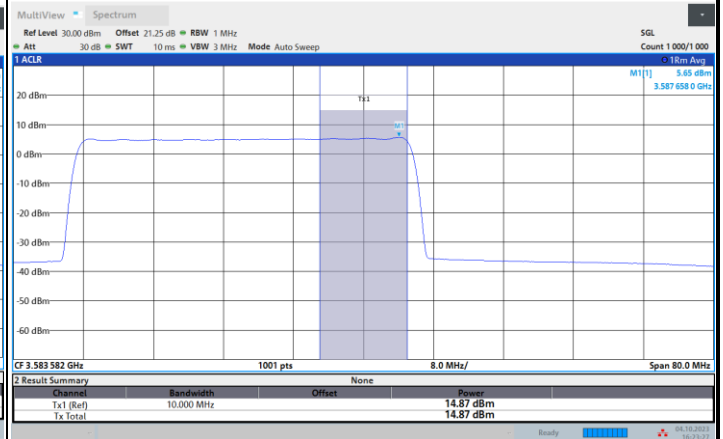
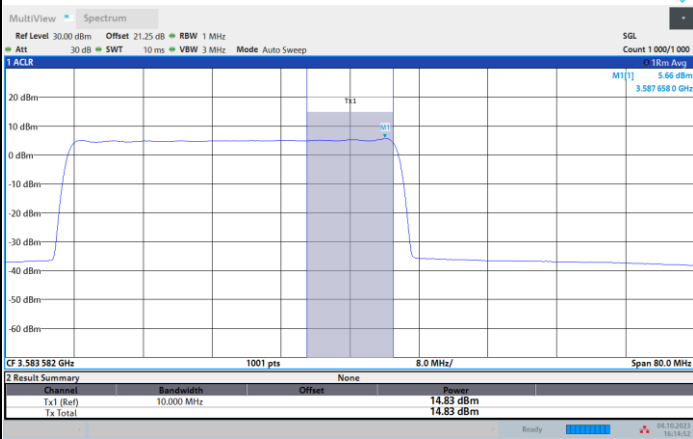
QPSK

16QAM



64QAM

256QAM

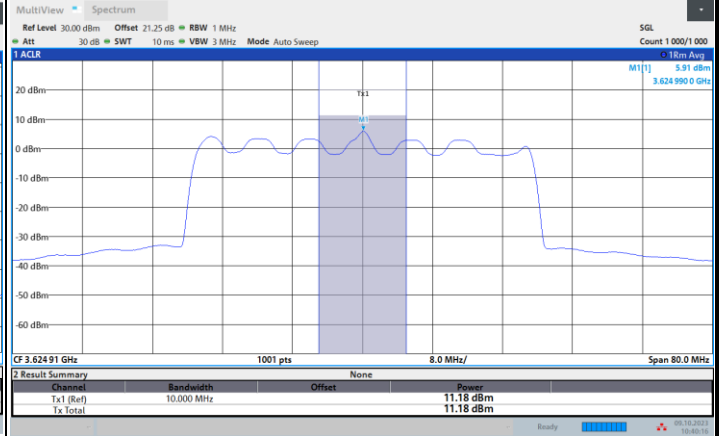
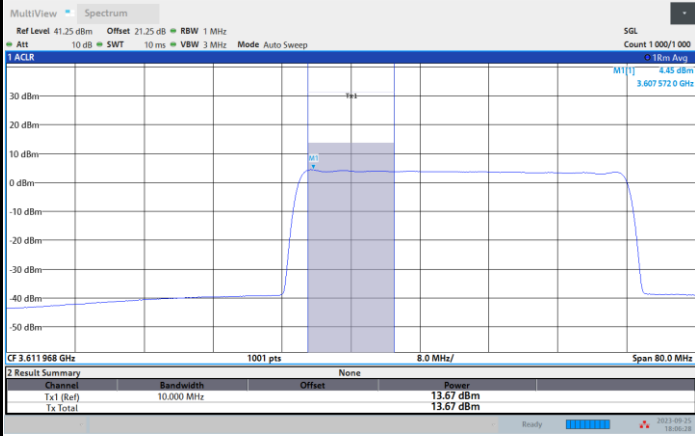




FR1 n48 / 40MHz / Middle Channel / Conducted (dBm/10MHz)

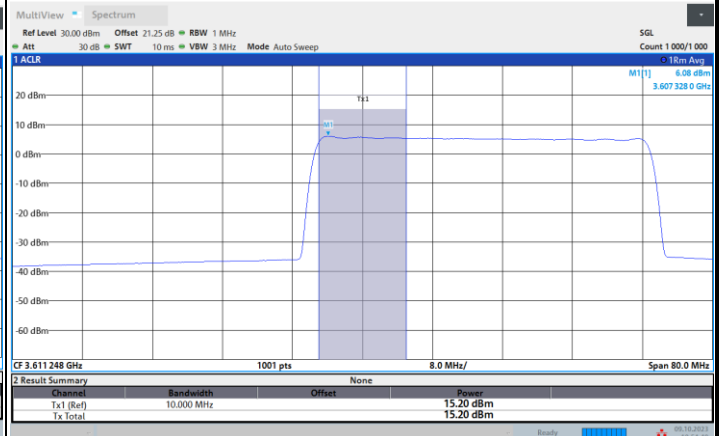
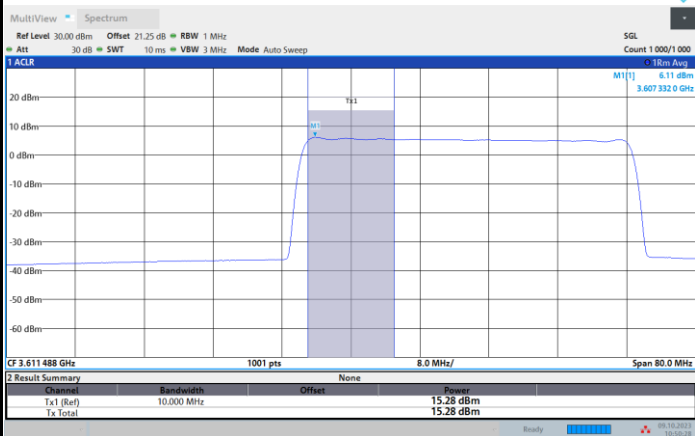
QPSK

16QAM



64QAM

256QAM

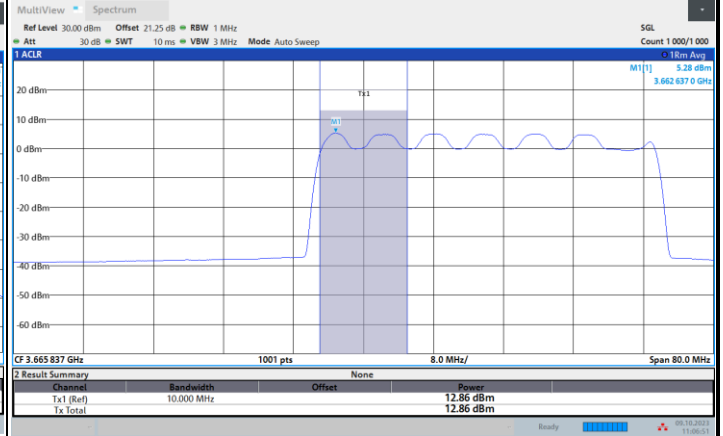
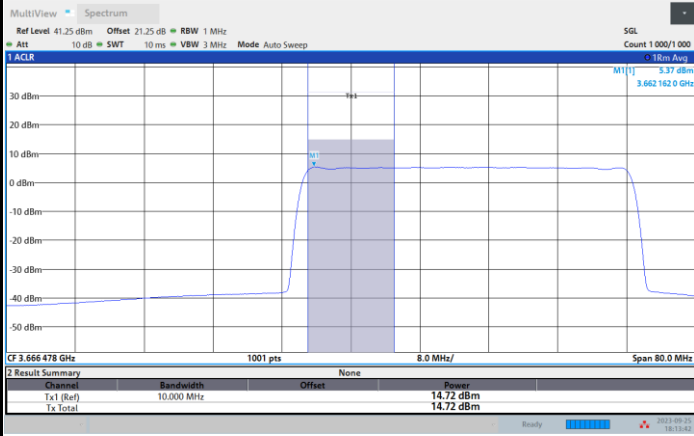




FR1 n48 / 40MHz / Highest Channel / Conducted (dBm/10MHz)

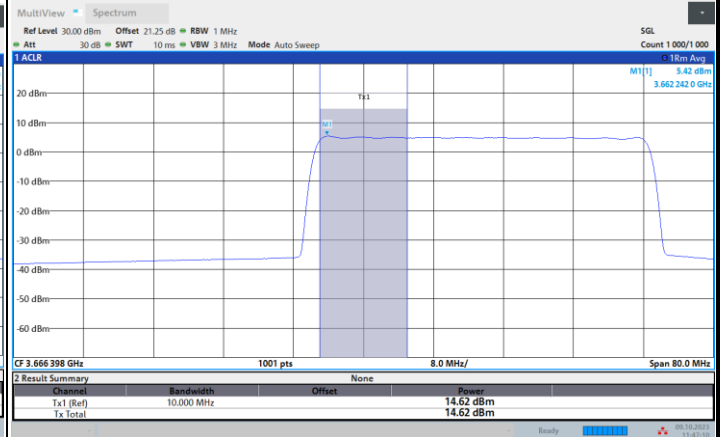
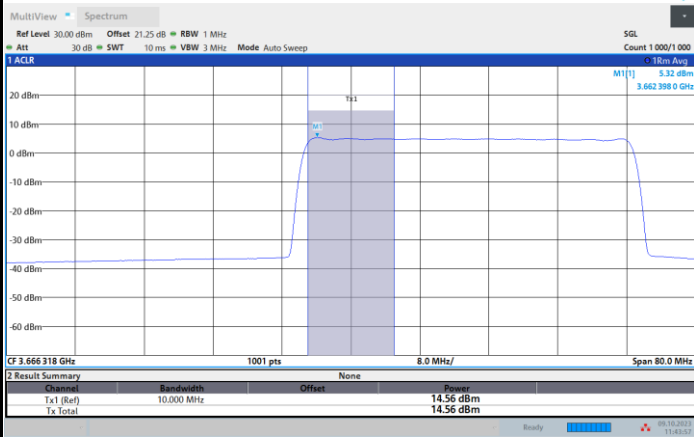
QPSK

16QAM



64QAM

256QAM





**Power Spectral Density**

Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Lowest Channel							
	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	4.09	4.85	5.38	4.69	4.54	5.19	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	4.08	4.08	5.39	5.45	5.68	5.64	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	-	-	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	-	-	-	-	-	-	-	-

Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Lowest Channel							
	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	17.61	18.37	18.90	18.21	18.06	18.71	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	17.60	17.60	18.91	18.97	19.20	19.16	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	-	-	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	-	-	-	-	-	-	-	-
Limit	20dBm/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) + 7.5dBi MIMO antenna gain.





Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Middle Channel							
	10MHz		20MHz		40MHz		50MHz	
BW								
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.21	4.78	5.57	4.73	4.43	5.91	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.14	4.21	5.57	5.51	6.10	6.09	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	-	-	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	-	-	-	-

Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Middle Channel							
	10MHz		20MHz		40MHz		50MHz	
BW								
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	17.73	18.30	19.09	18.25	17.95	19.43	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	17.66	17.73	19.09	19.03	19.62	19.61	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	-	-	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	-	-	-	-
Limit	20dBm/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) + 7.5dBi MIMO antenna gain.



Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Highest Channel							
	10MHz		20MHz		40MHz		50MHz	
BW								
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	5.47	5.85	4.68	5.88	5.38	5.26	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	5.44	5.45	4.71	4.75	5.35	5.40	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	-	-	-	-	-	-	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	-	-	-	-	-	-	-	-

Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Highest Channel							
	10MHz		20MHz		40MHz		50MHz	
BW								
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	18.99	19.37	18.20	19.40	18.90	18.78	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	18.96	18.97	18.23	18.27	18.87	18.92	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	-	-	-	-	-	-	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	-	-	-	-	-	-	-	-
Limit	20dBm/MHz							
Result	PASS							

Note

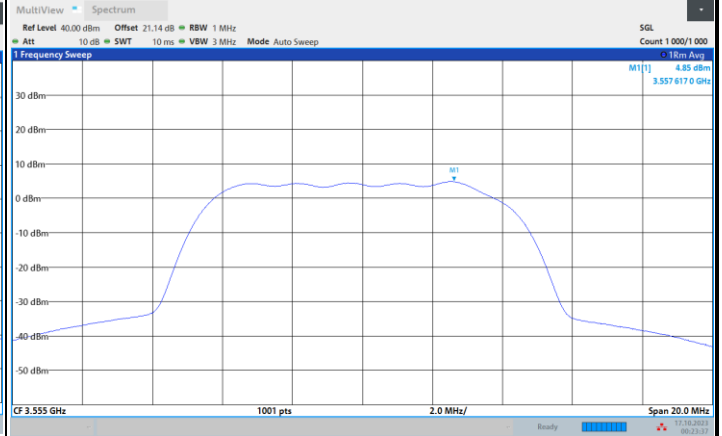
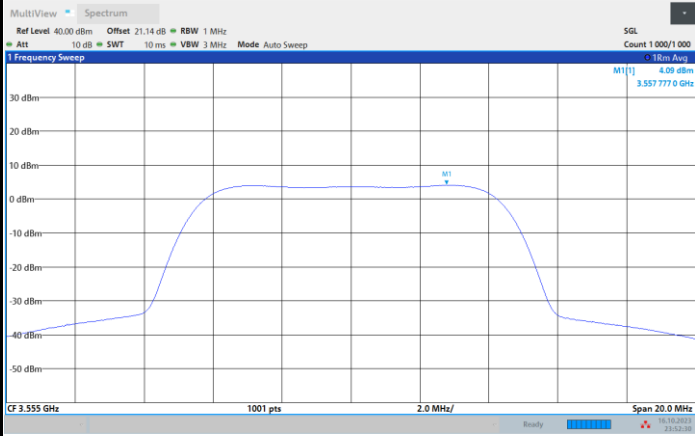
1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 7.5dBi MIMO antenna gain.



FR1 n48 / 10MHz / Lowest Channel / PSD

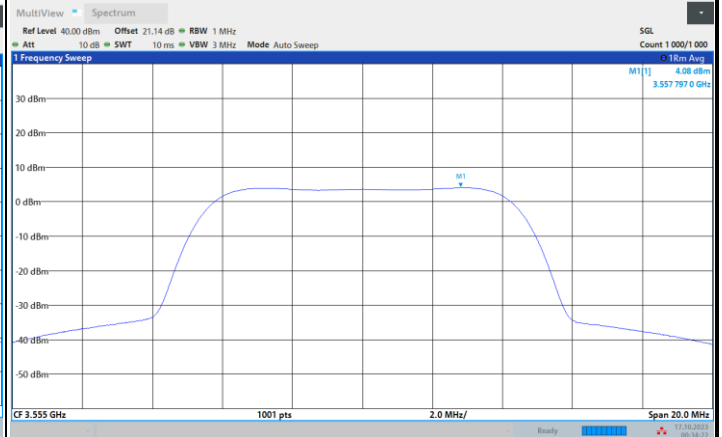
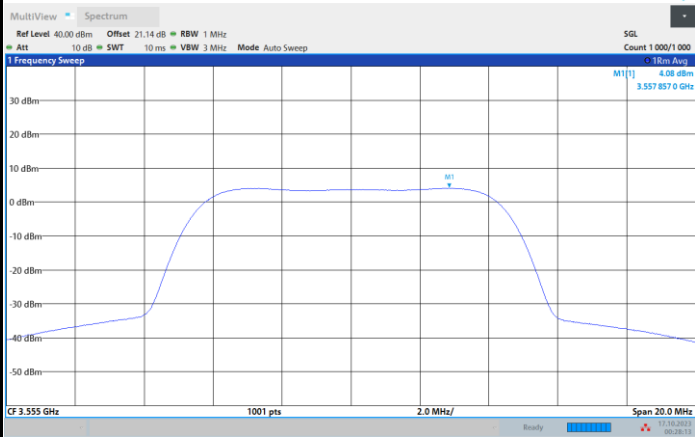
QPSK

16QAM



64QAM

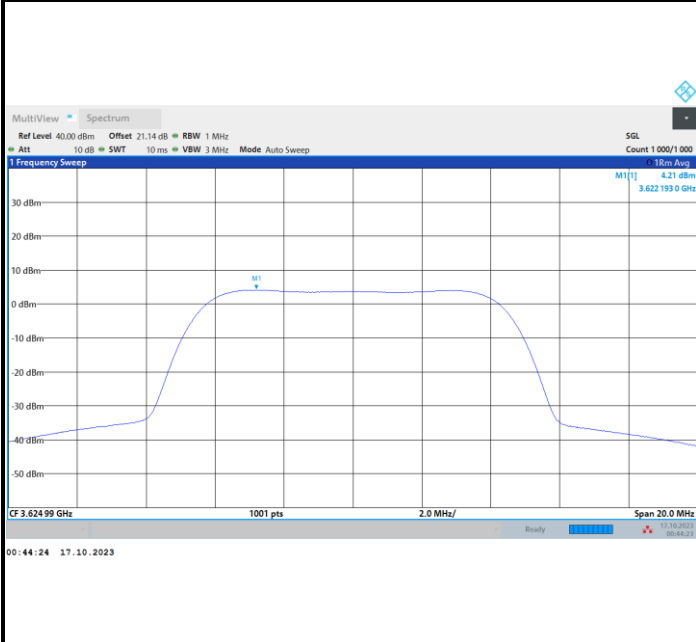
256QAM



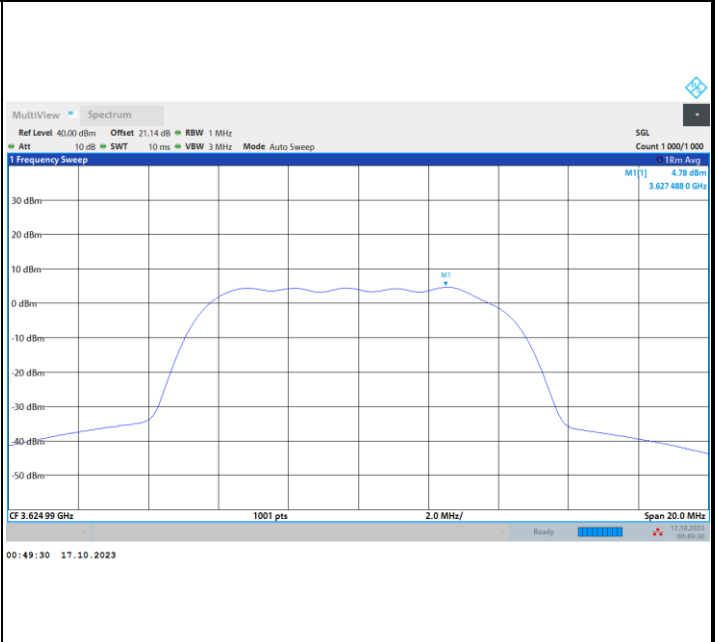


FR1 n48 / 10MHz / Middle Channel / PSD

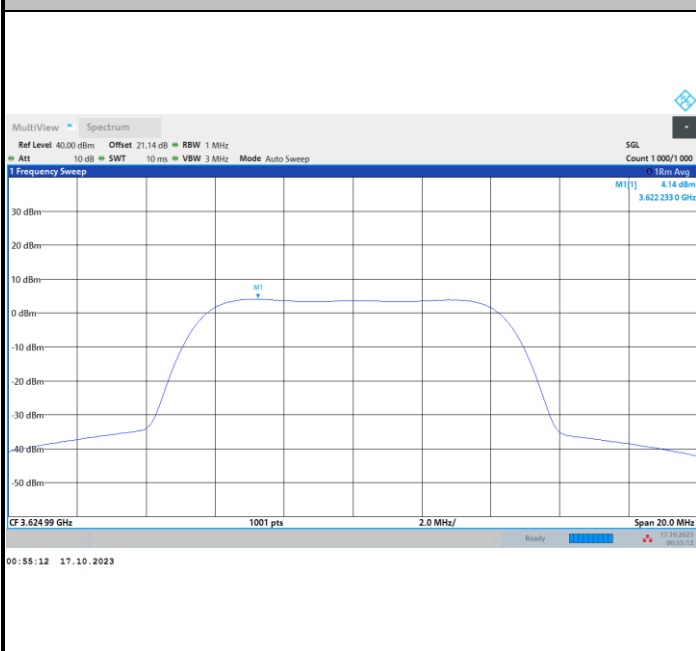
QPSK



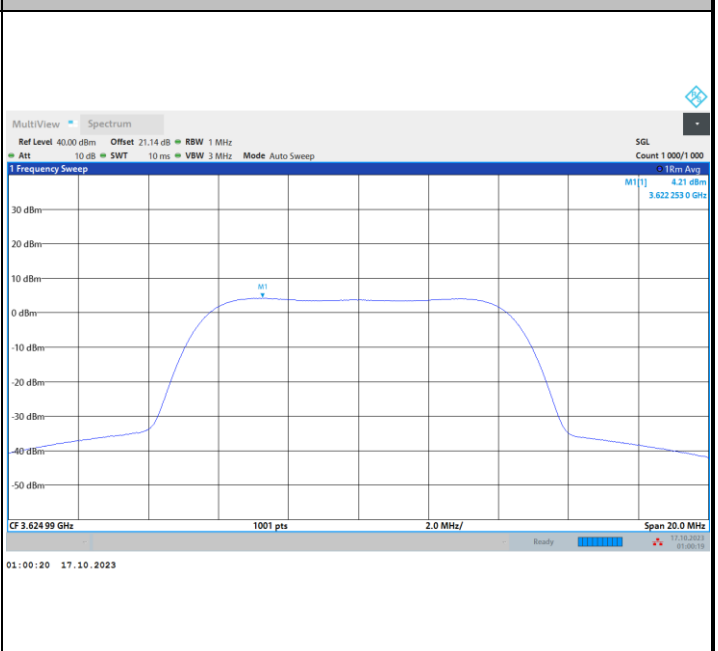
16QAM



64QAM



256QAM

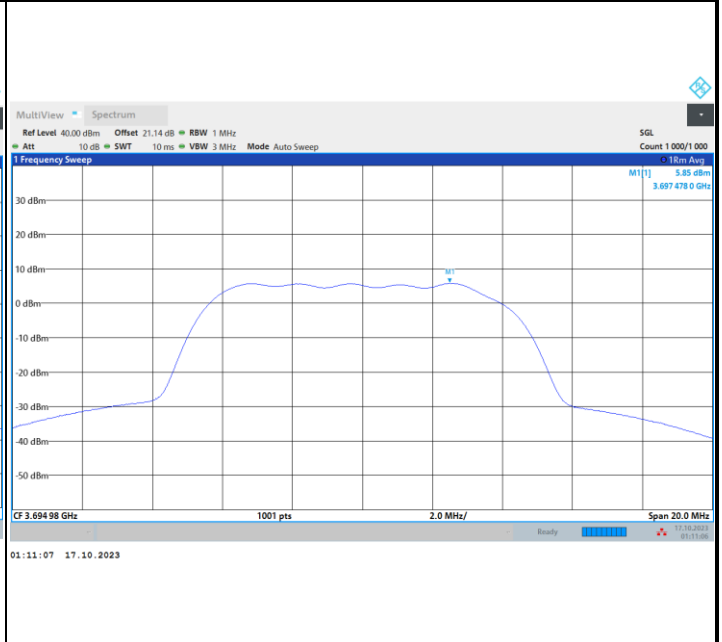
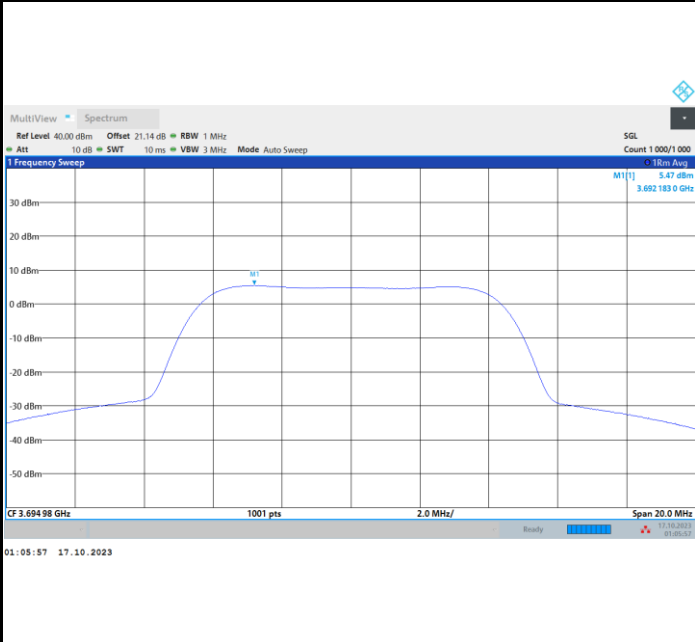




FR1 n48 / 10MHz / Highest Channel / PSD

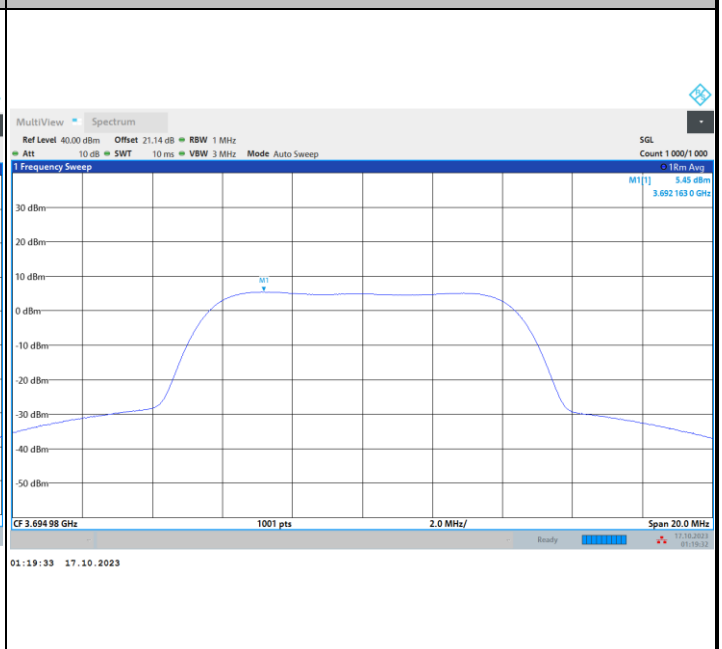
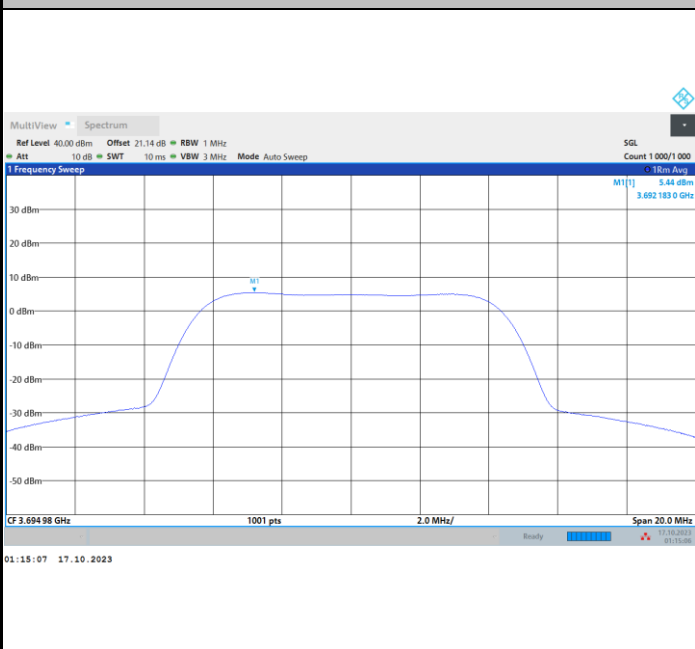
QPSK

16QAM



64QAM

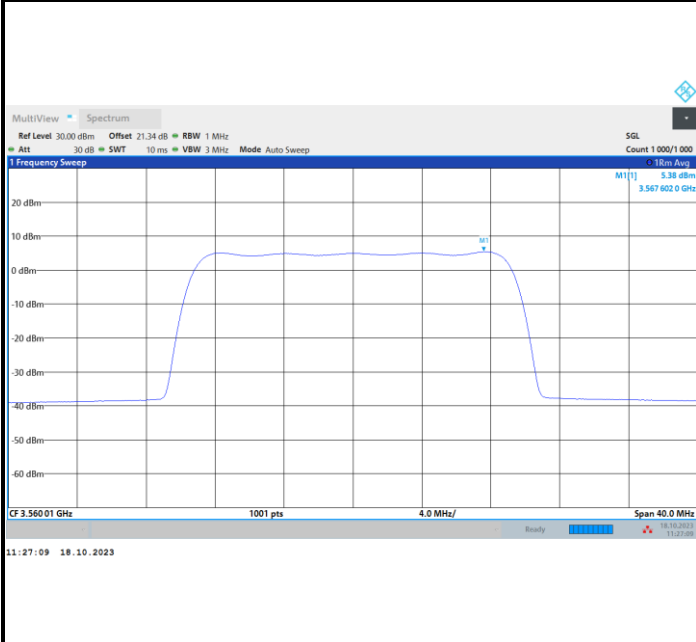
256QAM



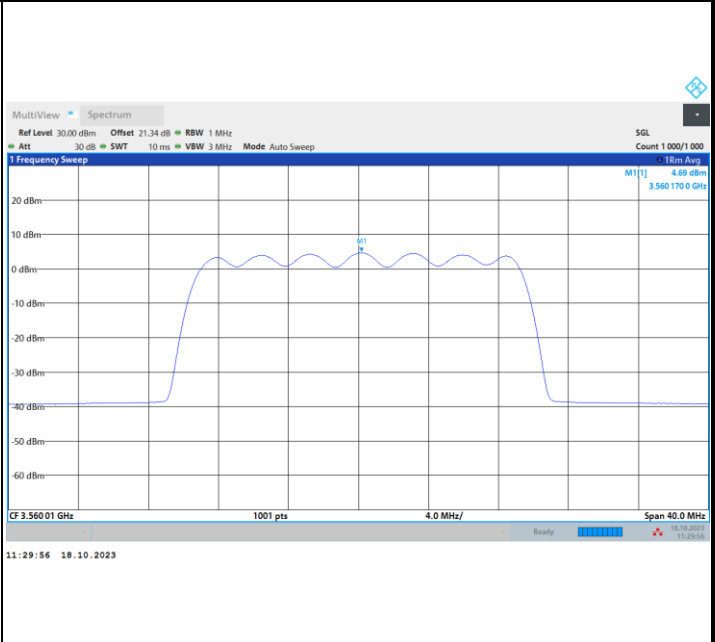


FR1 n48 / 20MHz / Lowest Channel / PSD

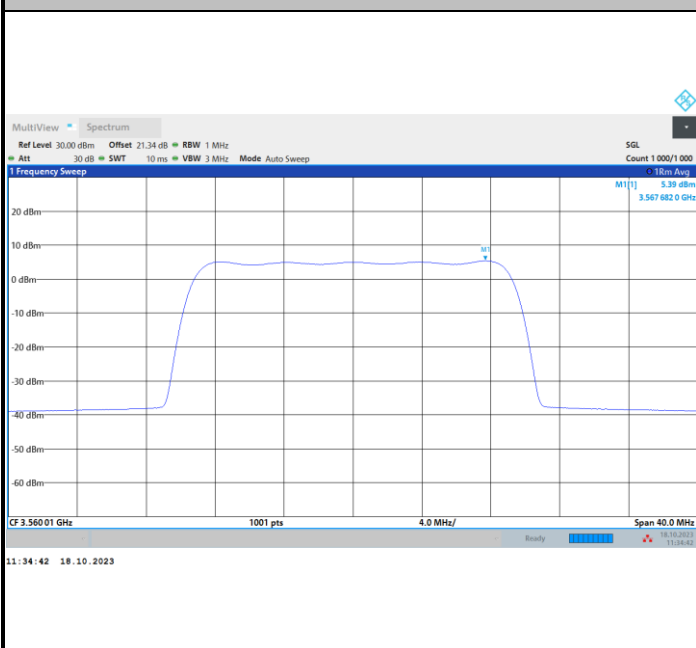
QPSK



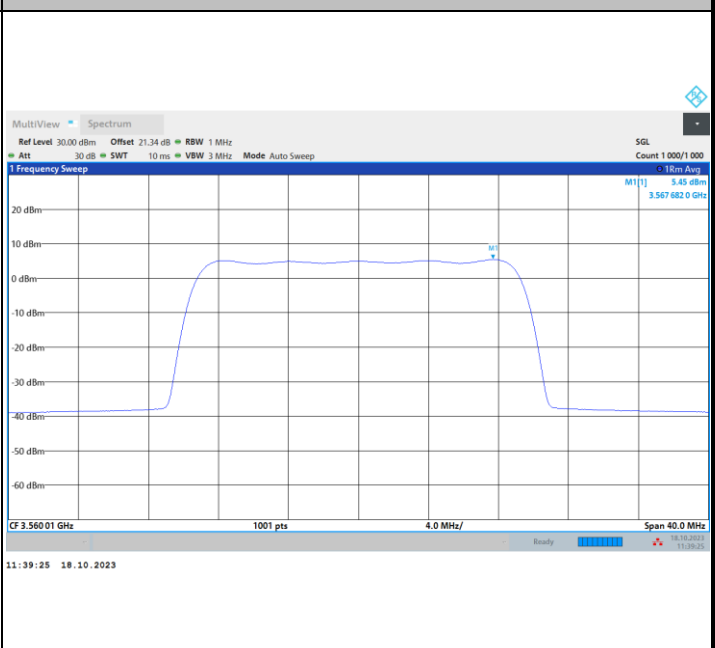
16QAM



64QAM



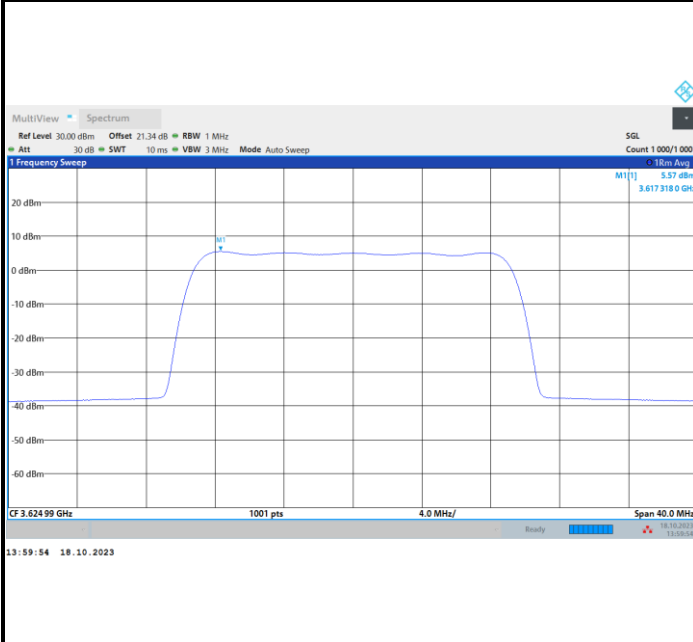
256QAM



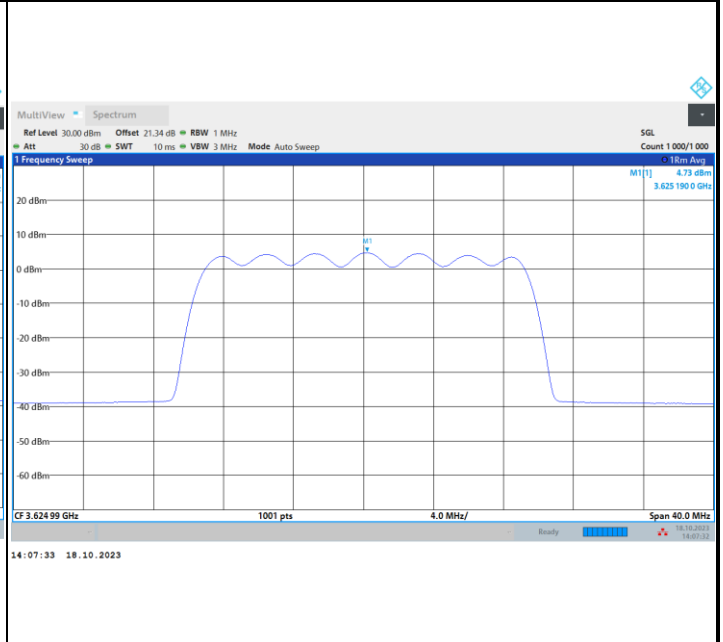


FR1 n48 / 20MHz / Middle Channel / PSD

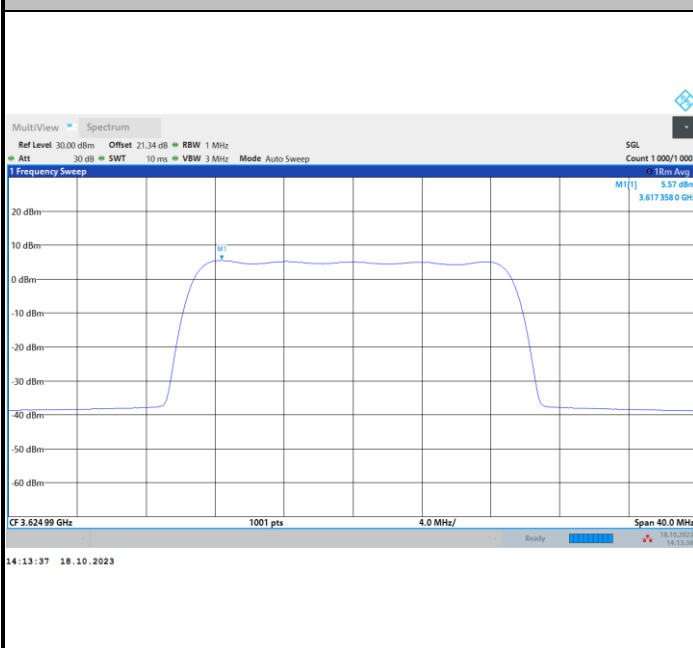
QPSK



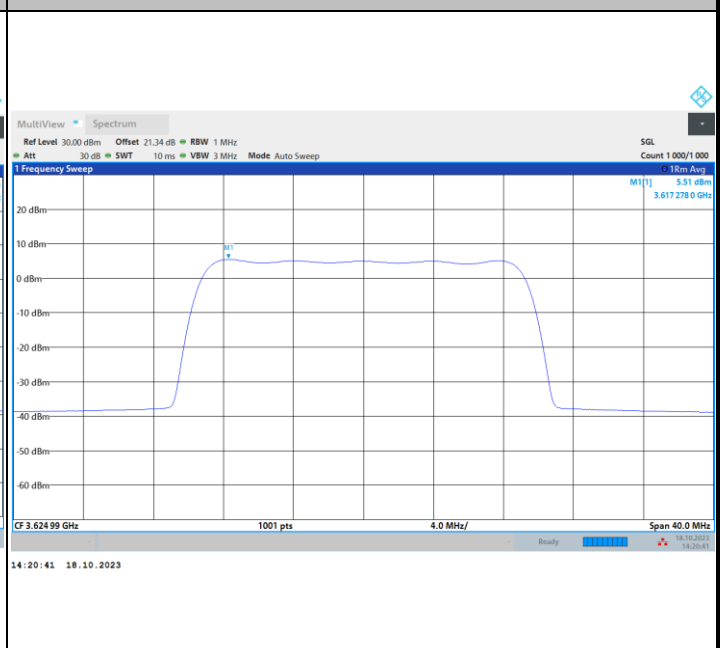
16QAM



64QAM



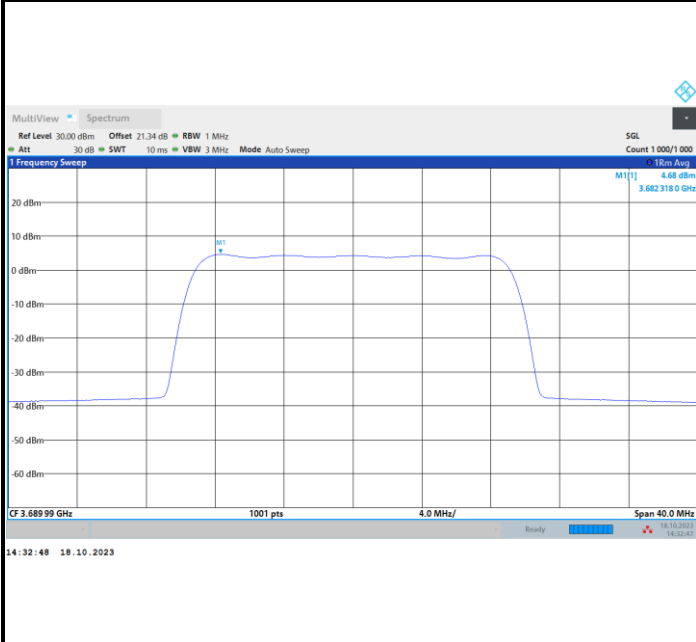
256QAM



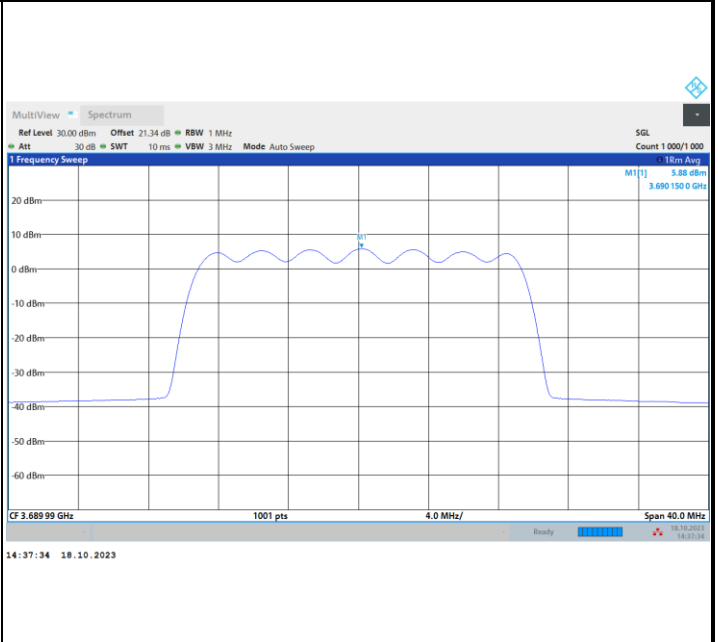


FR1 n48 / 20MHz / Highest Channel / PSD

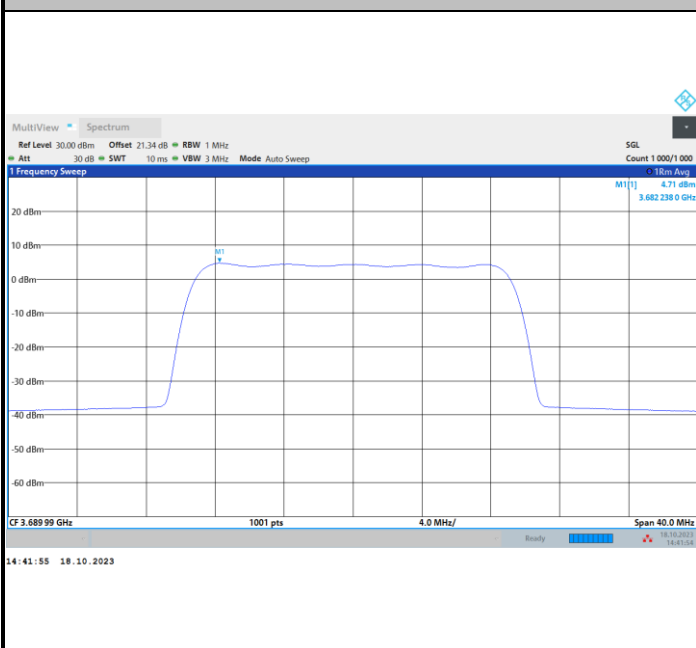
QPSK



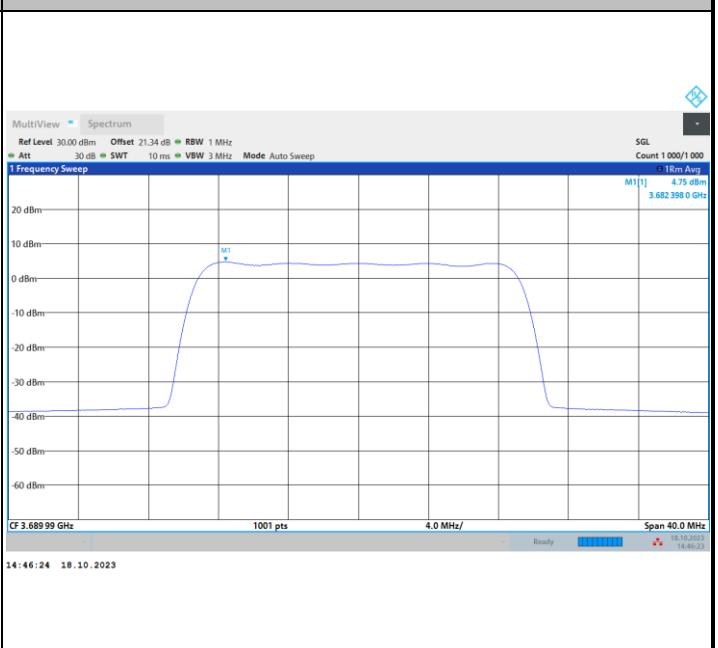
16QAM



64QAM



256QAM

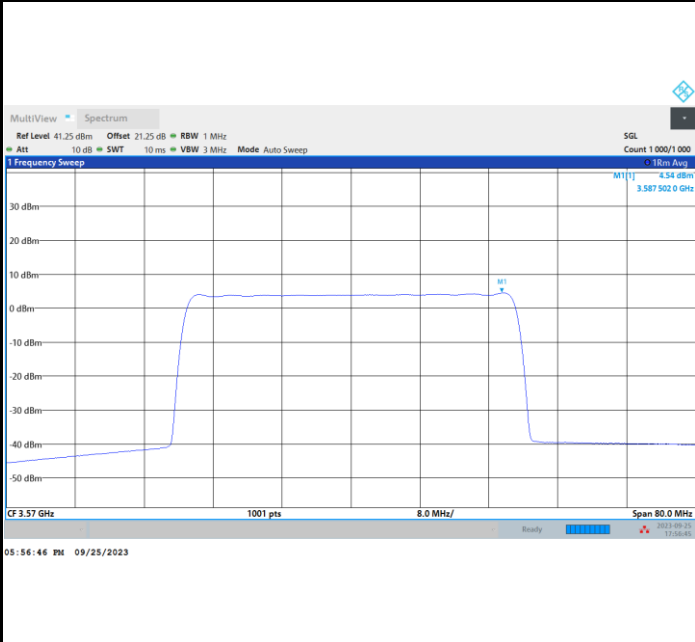




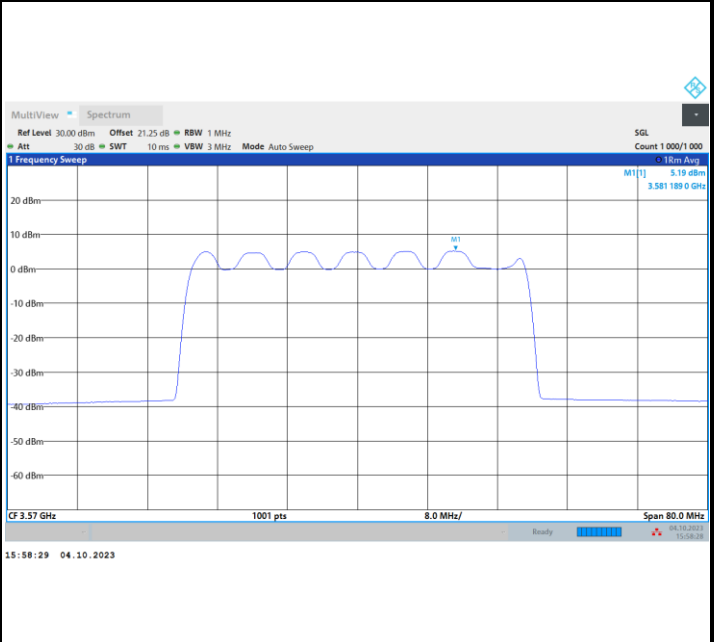


FR1 n48 / 40MHz / Lowest Channel / PSD

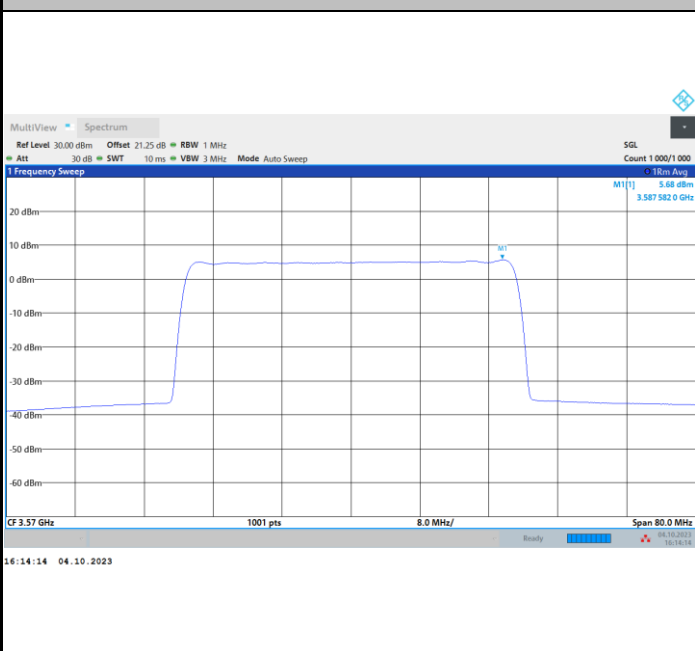
QPSK



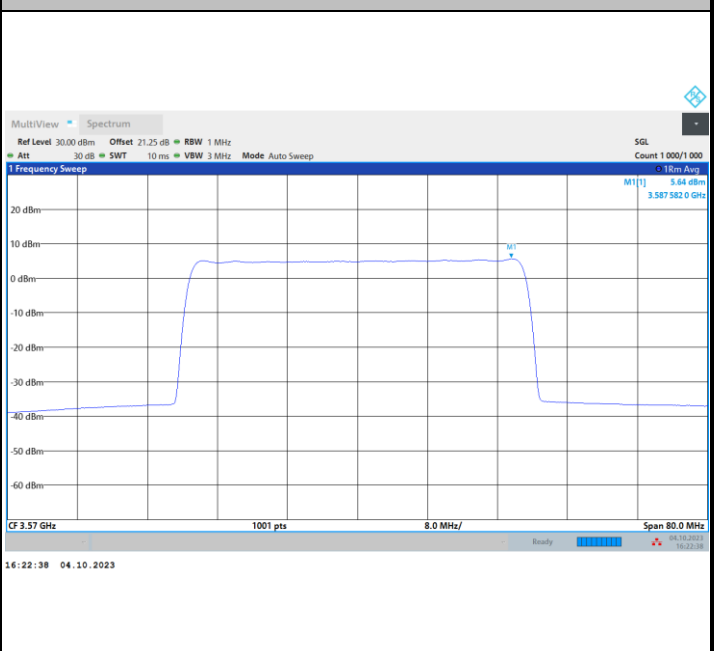
16QAM



64QAM



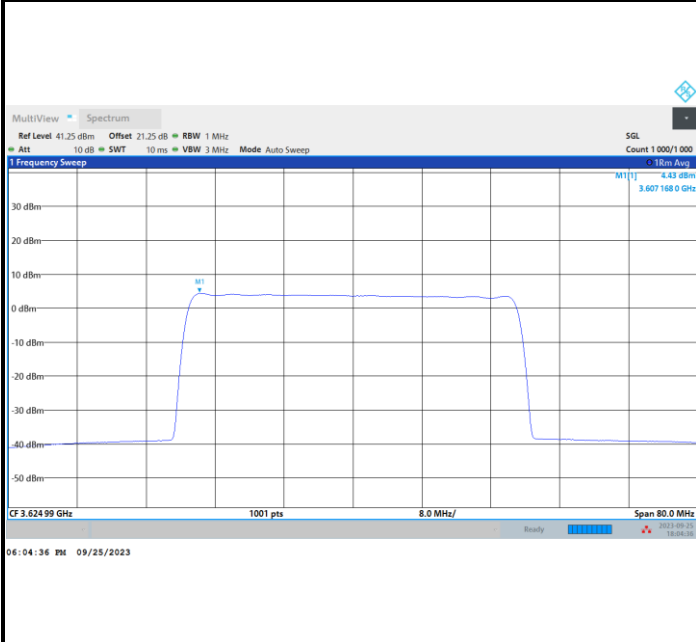
256QAM





FR1 n48 / 40MHz / Middle Channel / PSD

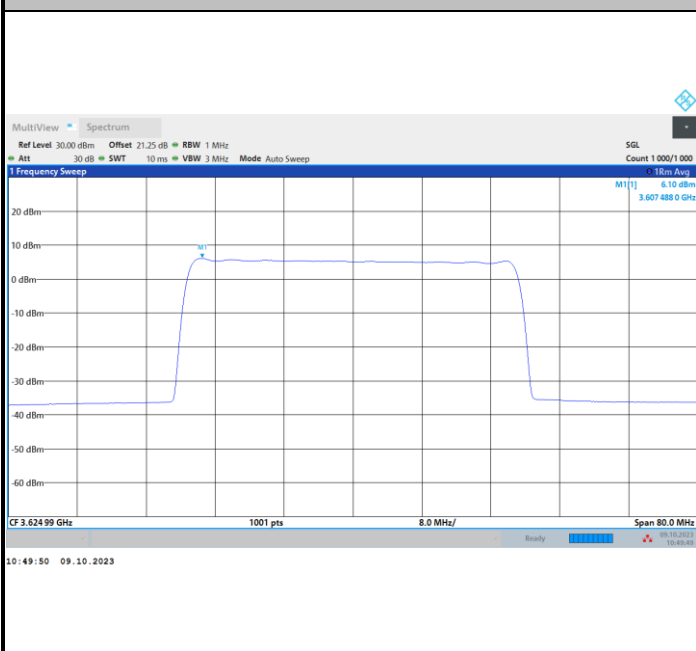
QPSK



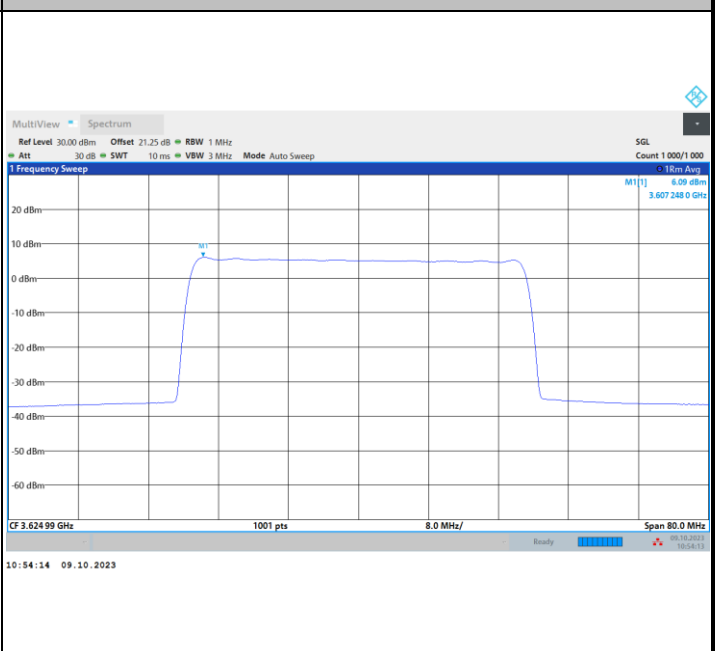
16QAM



64QAM



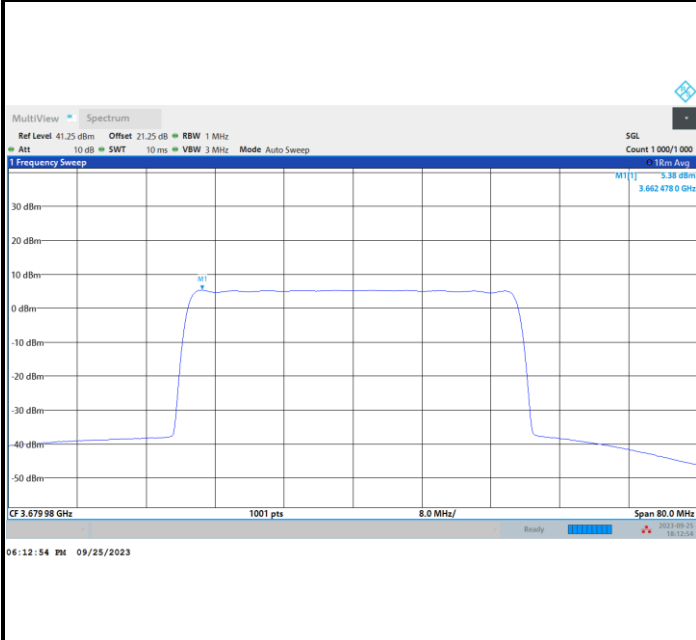
256QAM



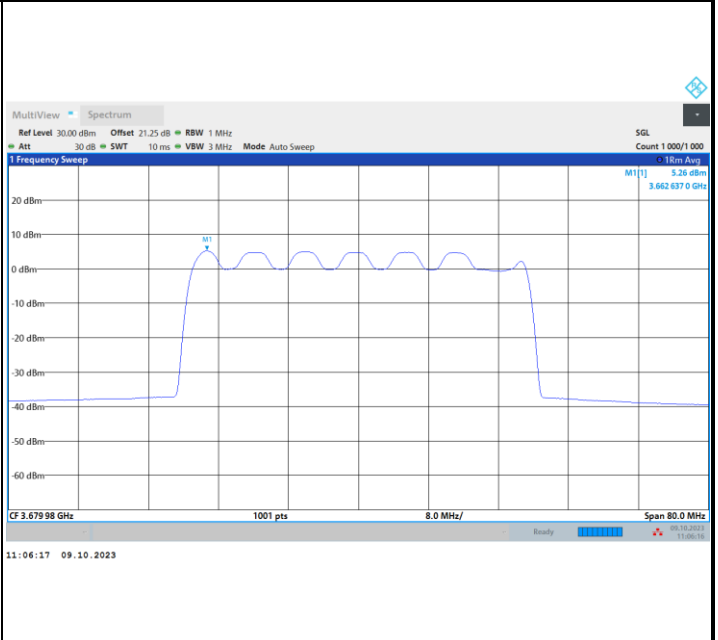


FR1 n48 / 40MHz / Highest Channel / PSD

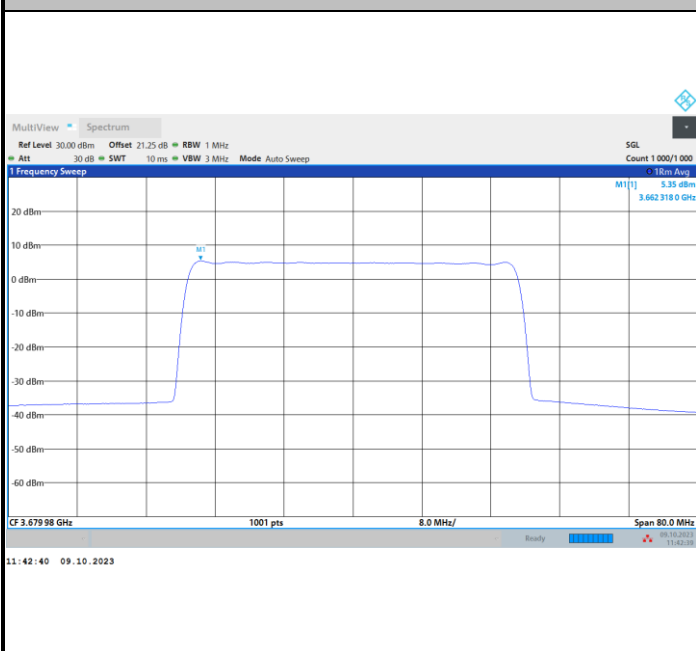
QPSK



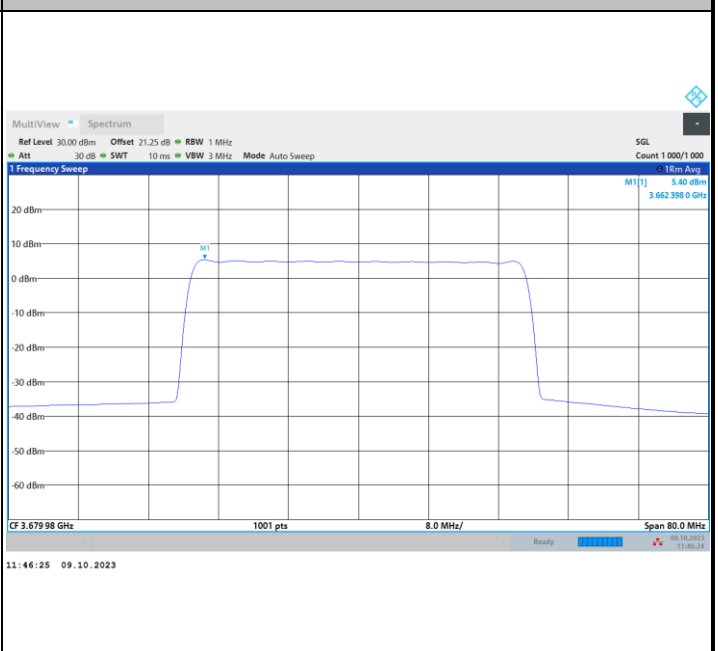
16QAM



64QAM



256QAM



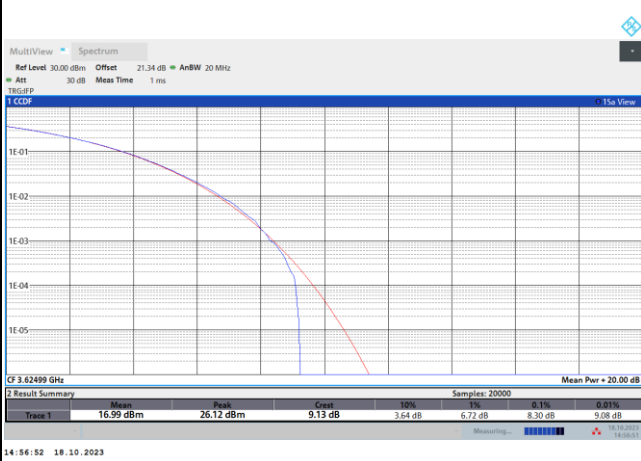


# Peak-to-Average Ratio

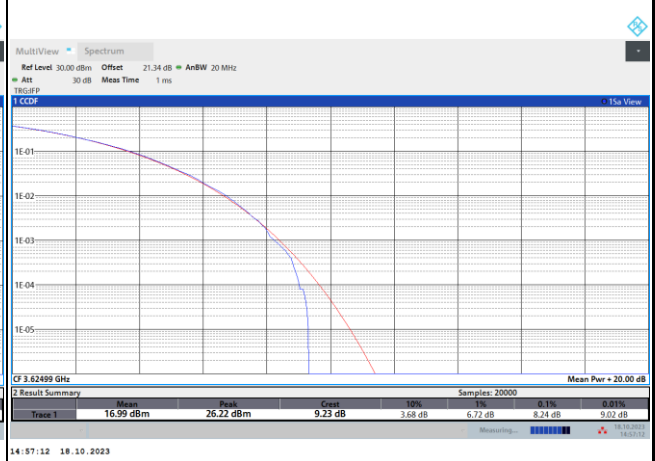
Mode	FR1 n48 / 20MHz / PAR (dB)				Limit: 13dB
Mod.	QPSK	16QAM	64QAM	256QAM	Result
Middle CH	8.30	8.24	8.34	8.48	PASS

## FR1 n48 / 20MHz / Middle Channel / PAR

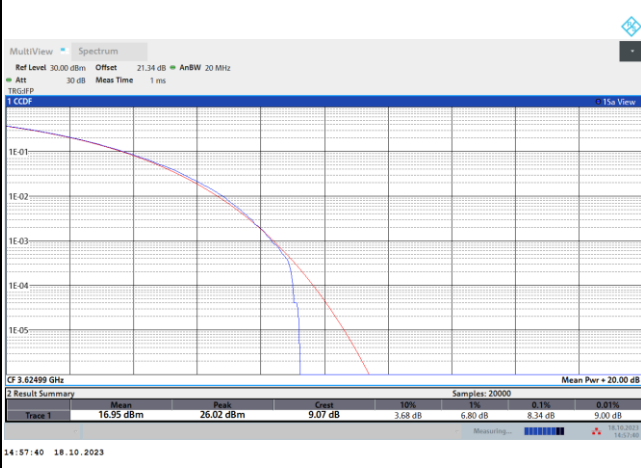
### QPSK



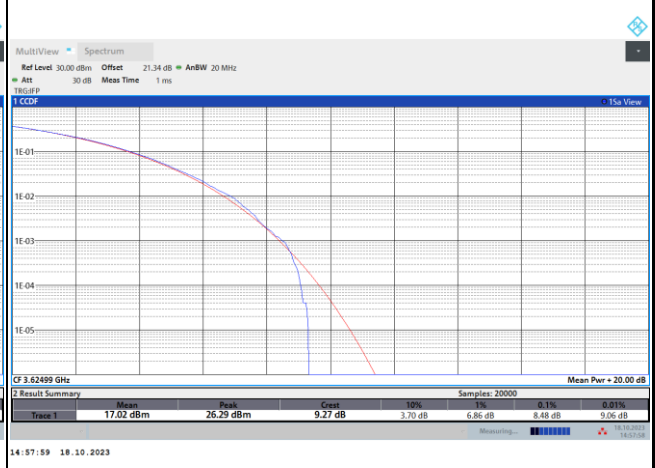
### 16QAM



### 64QAM



### 256QAM





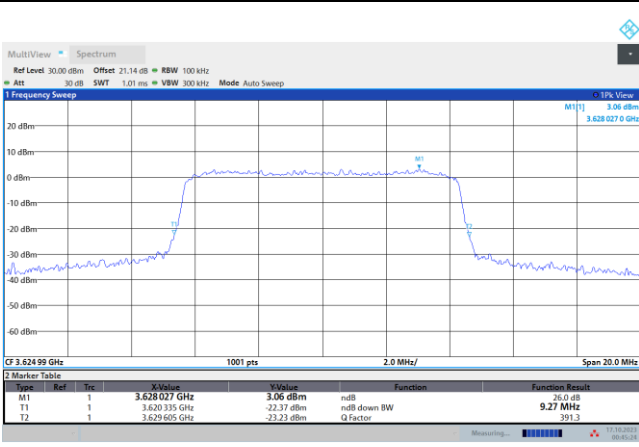
**26dB Bandwidth**

Mode	FR1 n48 : 26dB BW(MHz)							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	9.27	9.11	19.34	19.22	40.28	40.28	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	9.23	9.23	19.26	19.34	40.44	40.36	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	-	-	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	-	-	-	-

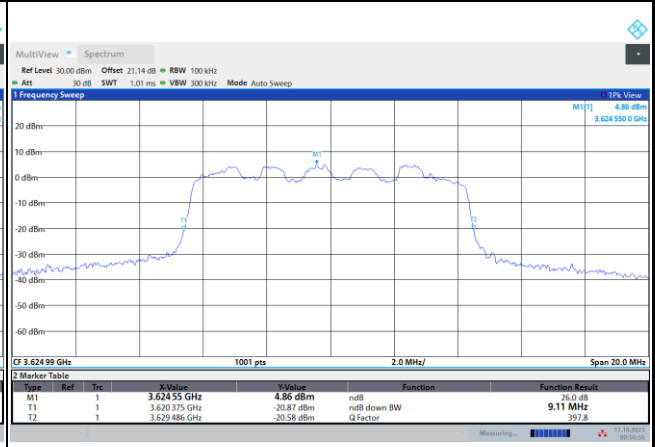


FR1 n48 / 10MHz / Middle Channel / 26dB BW

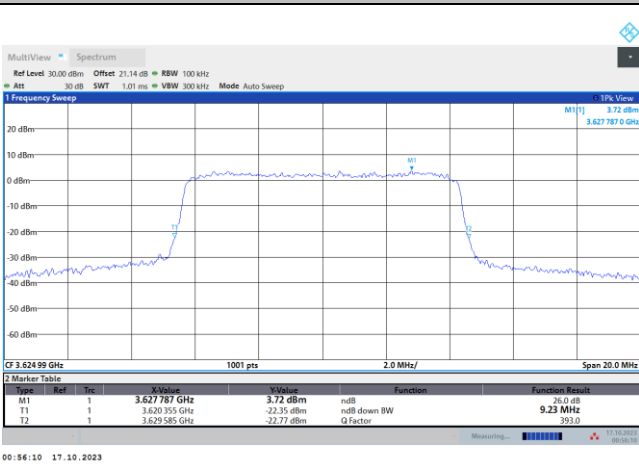
QPSK



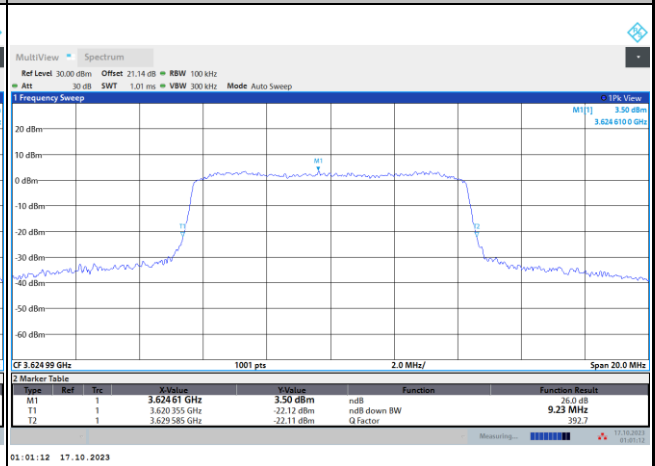
16QAM



64QAM



256QAM

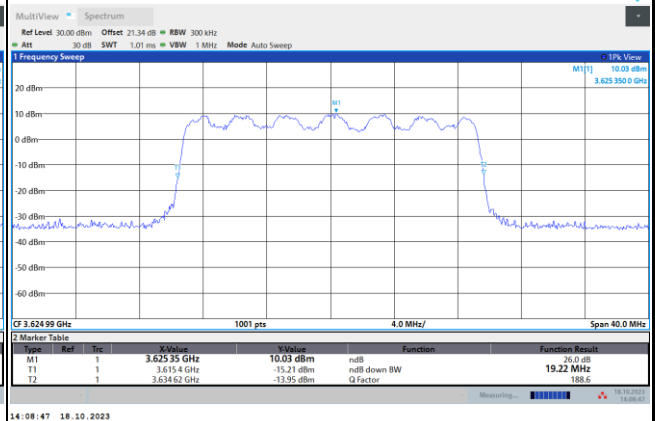
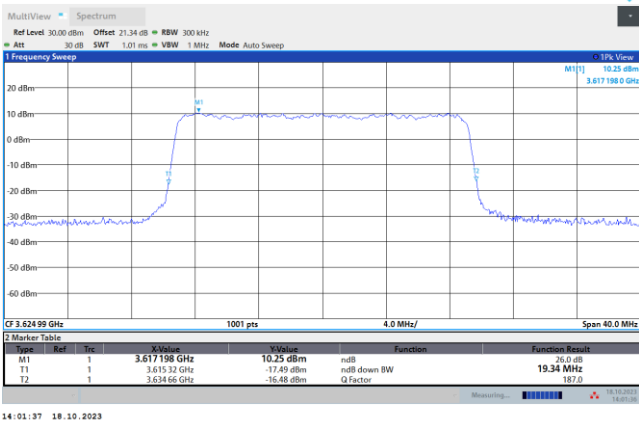




FR1 n48 / 20MHz / Middle Channel / 26dB BW

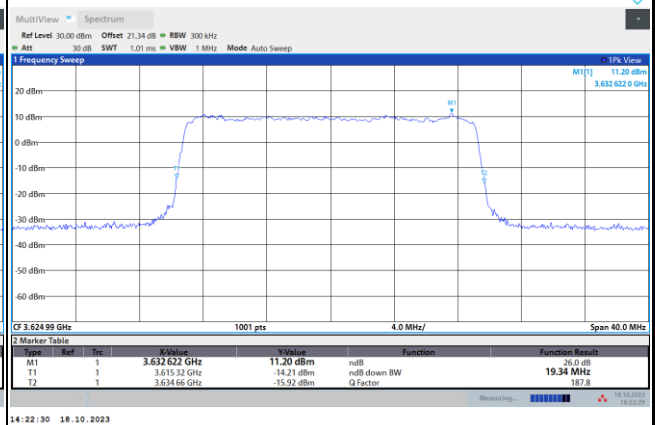
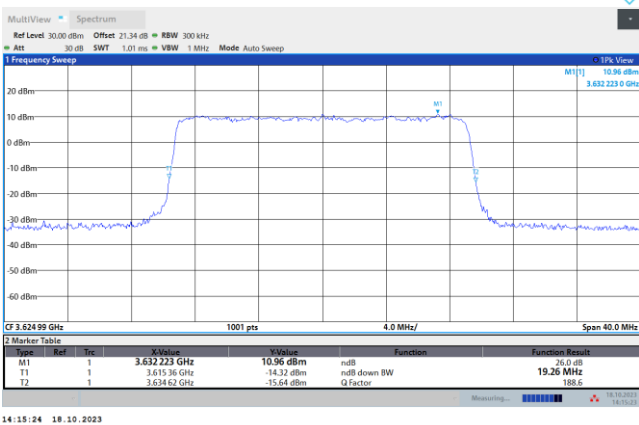
QPSK

16QAM



64QAM

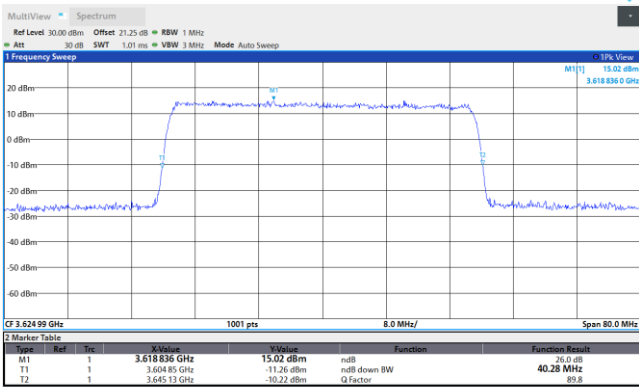
256QAM





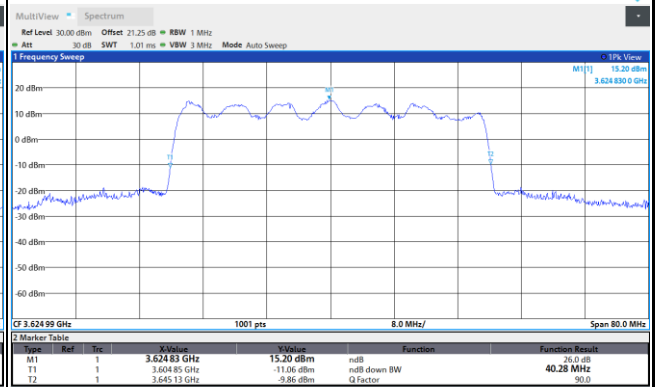
FR1 n48 / 40MHz / Middle Channel / 26dB BW

QPSK



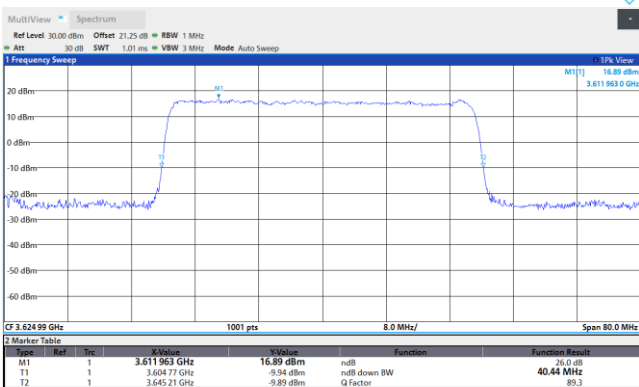
06:04:18 PM 09/25/2023

16QAM



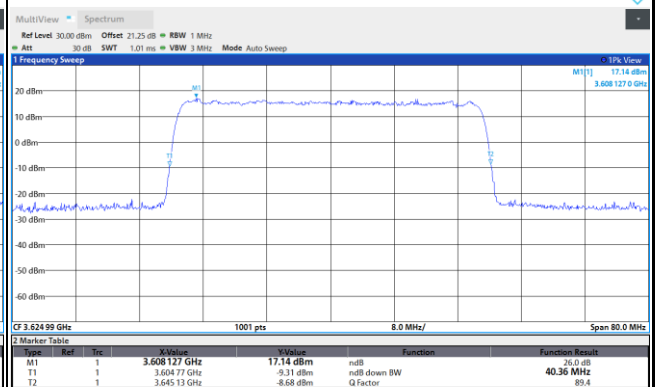
10:43:16 09.10.2023

64QAM



10:51:23 09.10.2023

256QAM



10:55:35 09.10.2023





**Occupied Bandwidth**

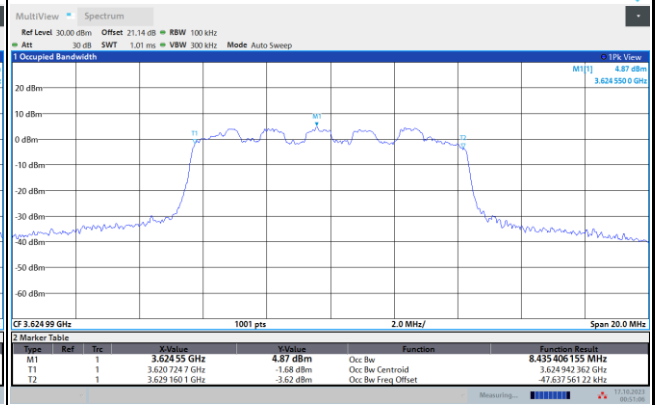
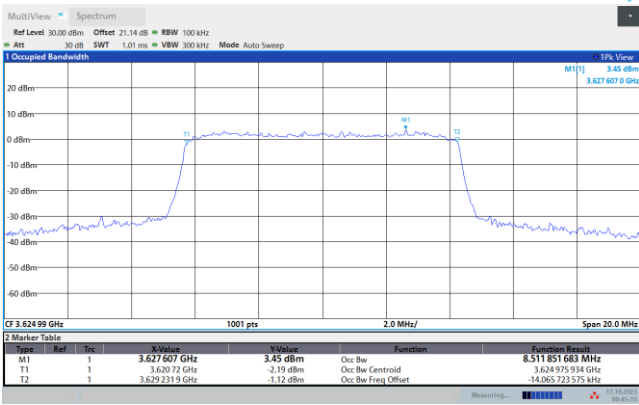
Mode	FR1 n48 : 99%OBW (MHz)							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.51	8.43	18.08	18.14	37.88	38.12	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.49	8.50	18.07	18.07	37.92	37.85	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	-	-	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	-	-	-	-



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

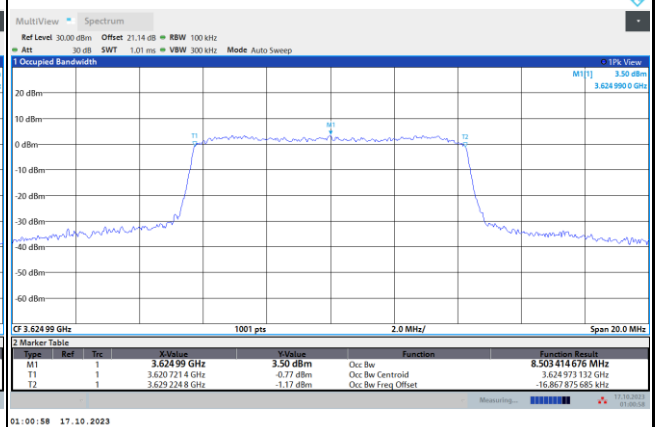
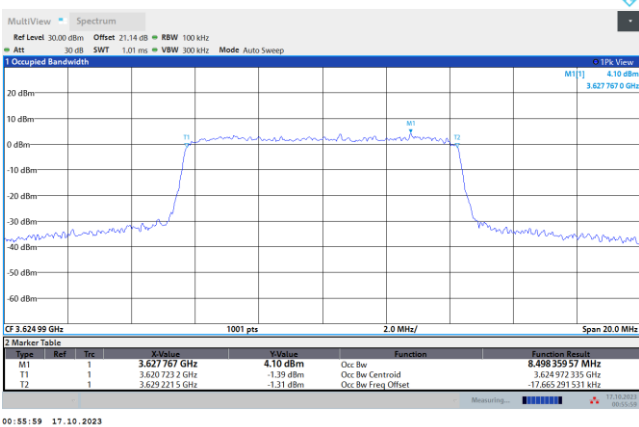
QPSK

16QAM



64QAM

256QAM

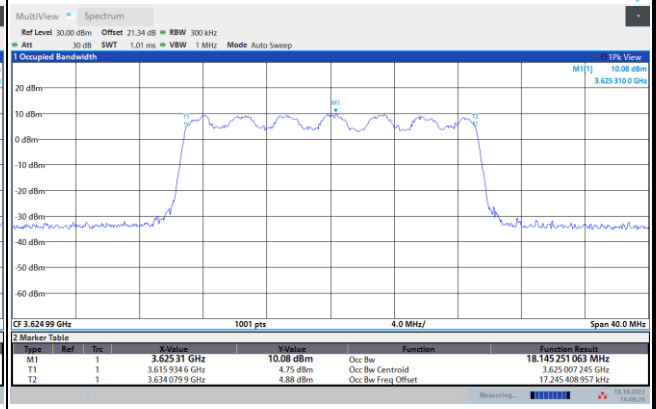
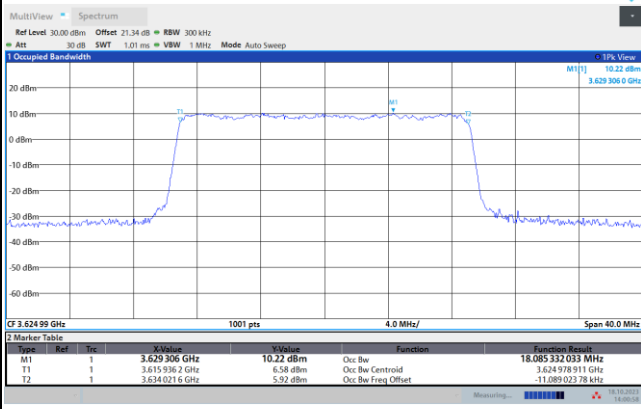




FR1 n48 / 20MHz / Middle Channel / 99%OBW

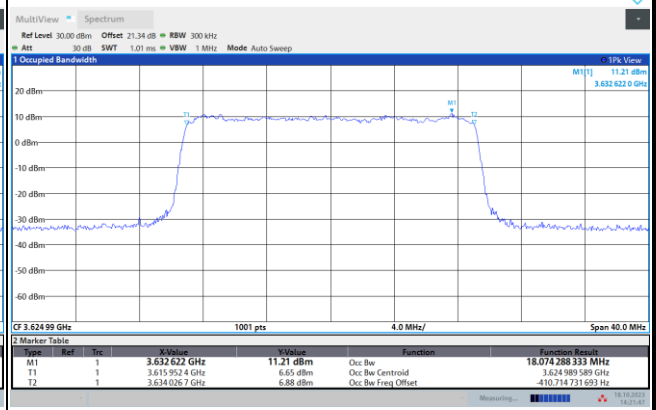
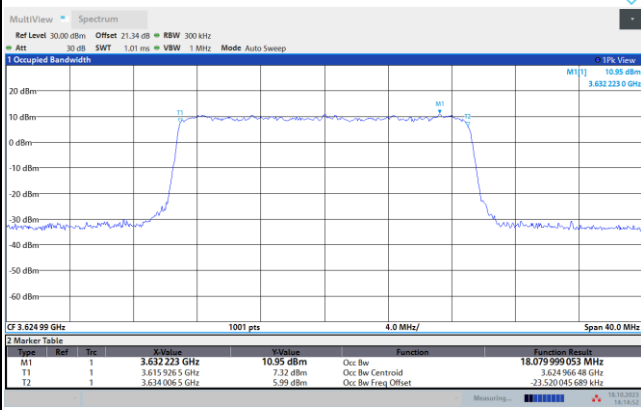
QPSK

16QAM



64QAM

256QAM

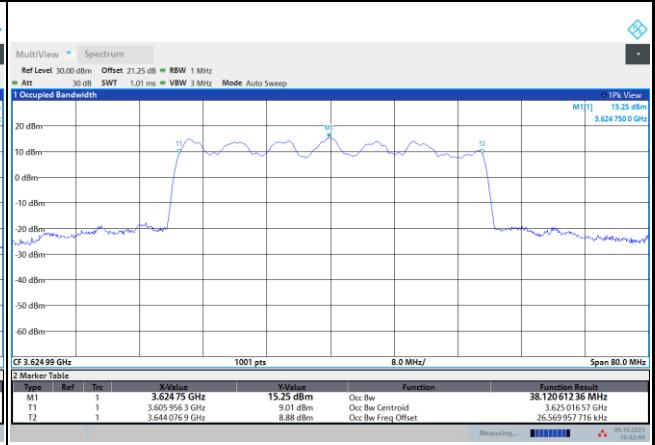
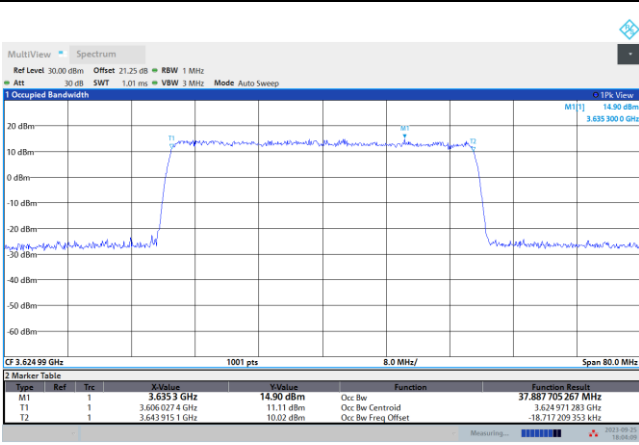




FR1 n48 / 40MHz / Middle Channel / 99%OBW

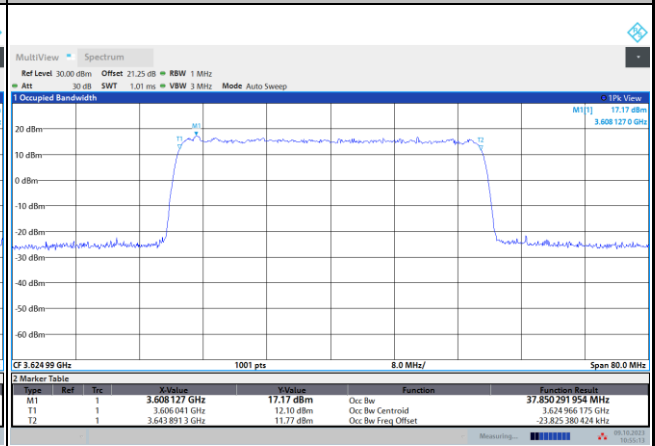
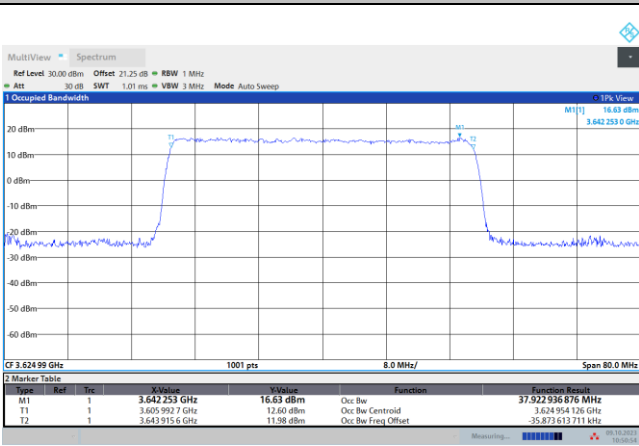
QPSK

16QAM



64QAM

256QAM



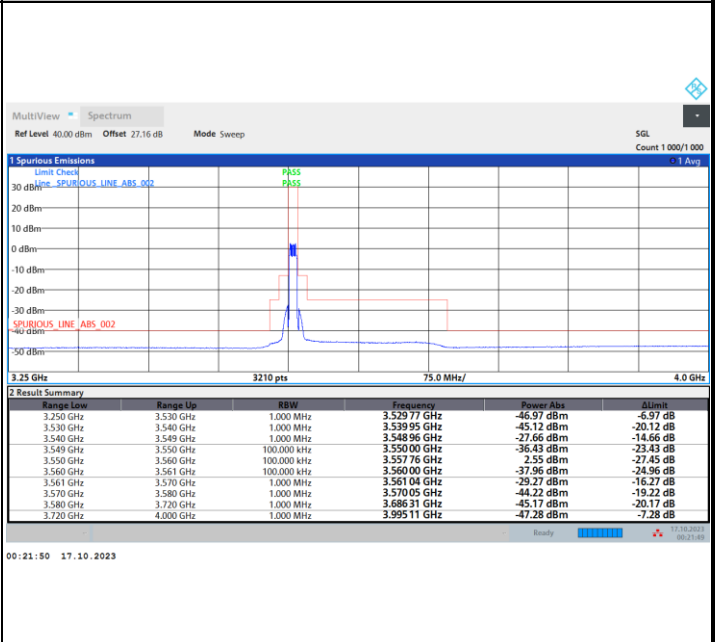
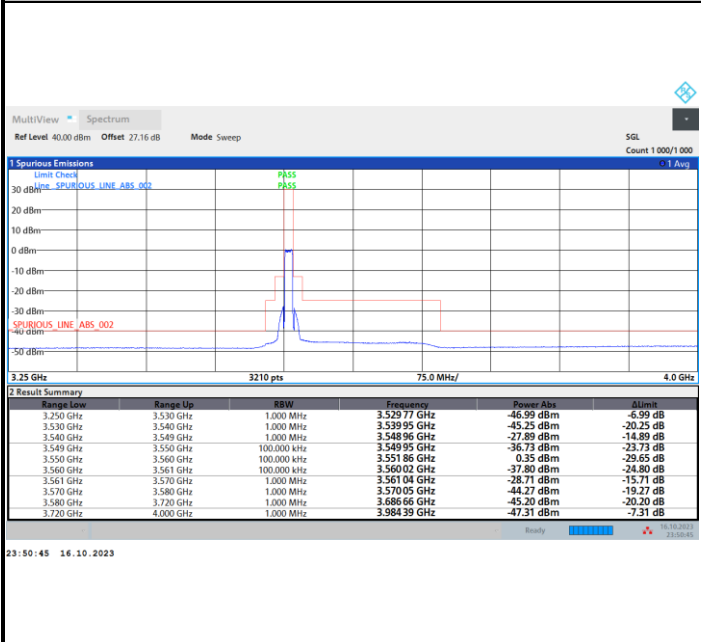


Unwanted Emission (MASK)

FR1 n48 / 10MHz / Lowest Channel / MASK

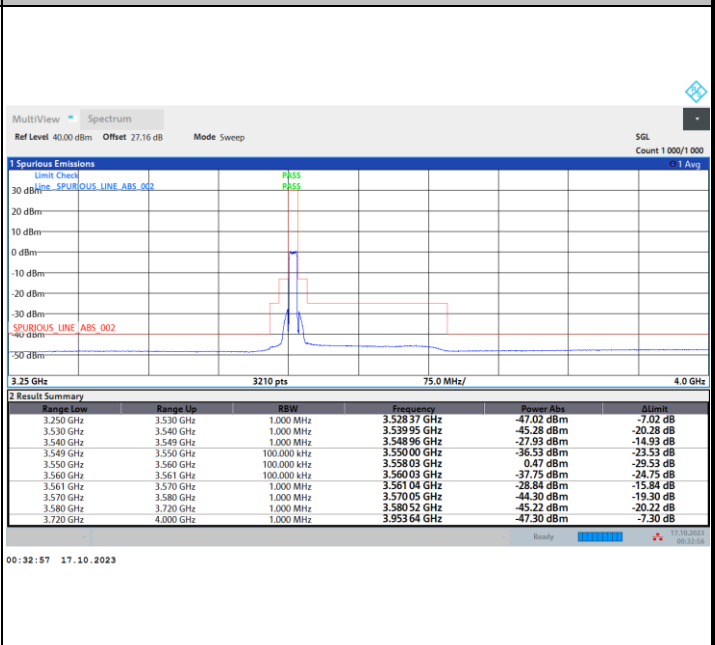
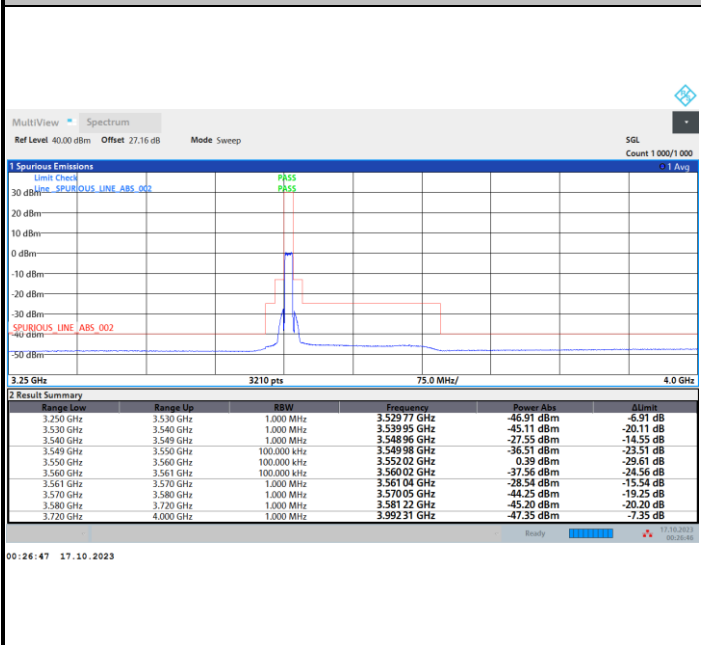
QPSK

16QAM



64QAM

256QAM

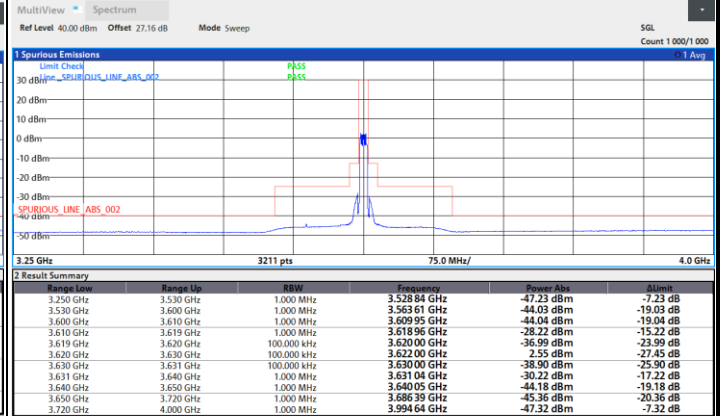
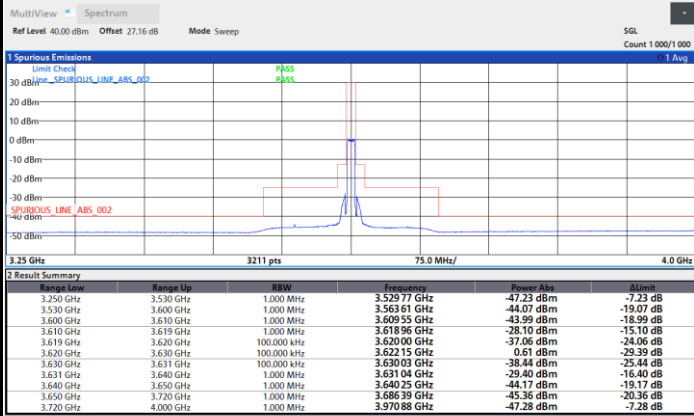




FR1 n48 / 10MHz / Middle Channel / MASK

QPSK

16QAM

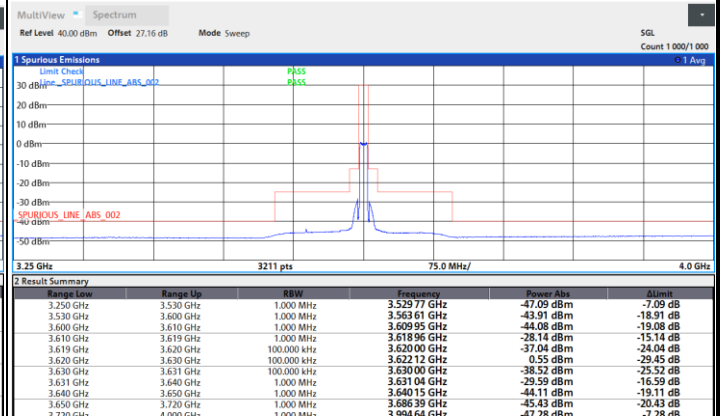
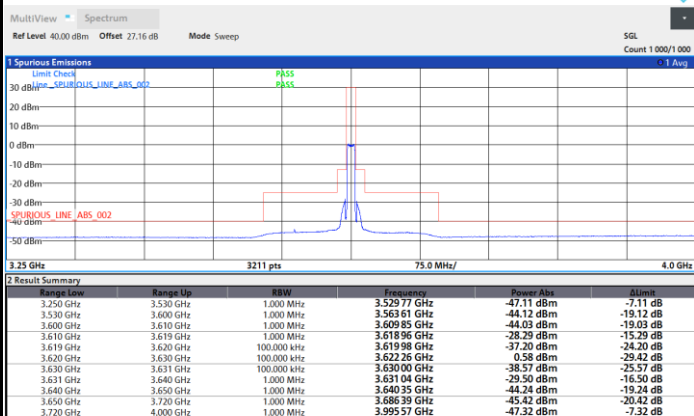


00:39:43 17.10.2023

00:48:04 17.10.2023

64QAM

256QAM



00:53:38 17.10.2023

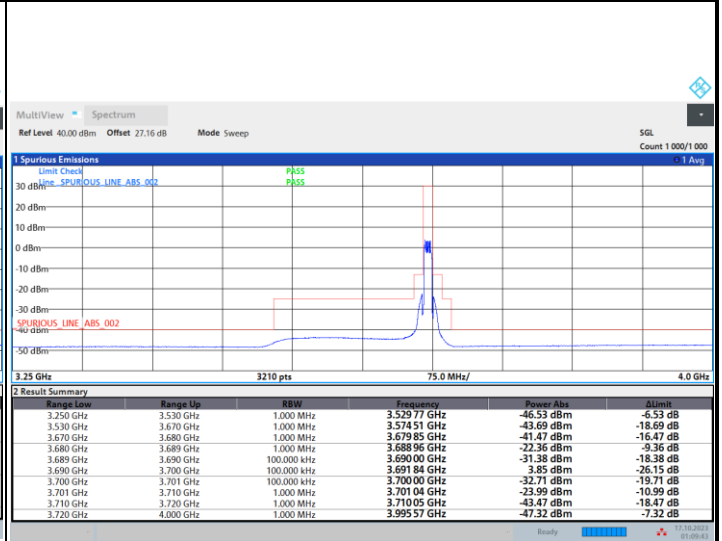
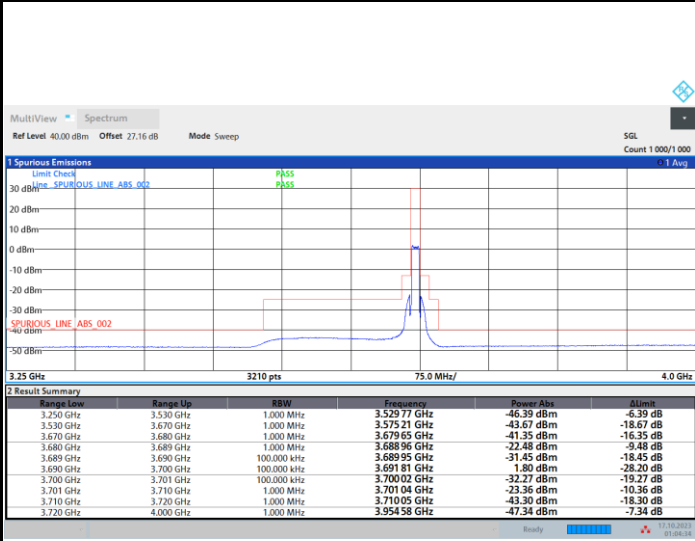
00:58:47 17.10.2023



FR1 n48 / 10MHz / Highest Channel / MASK

QPSK

16QAM



64QAM

256QAM

