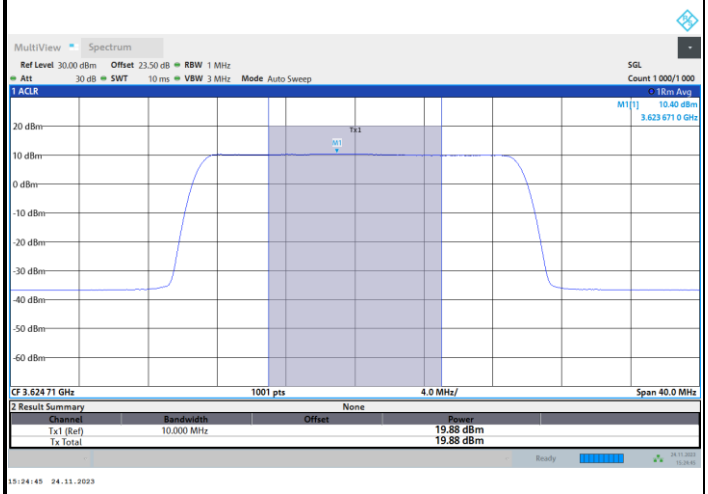
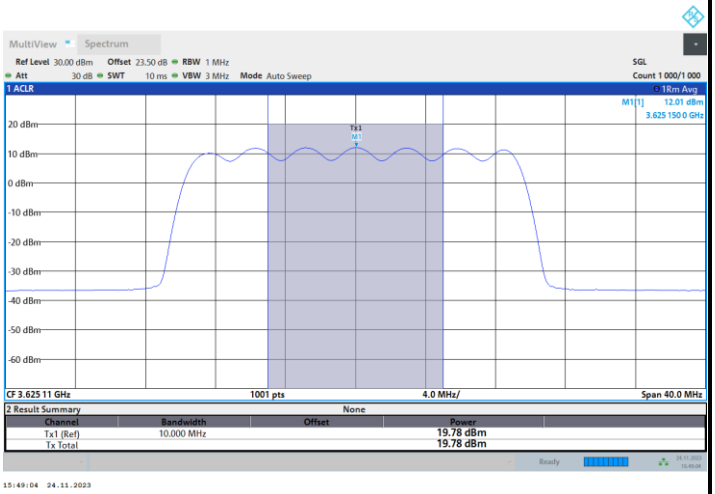
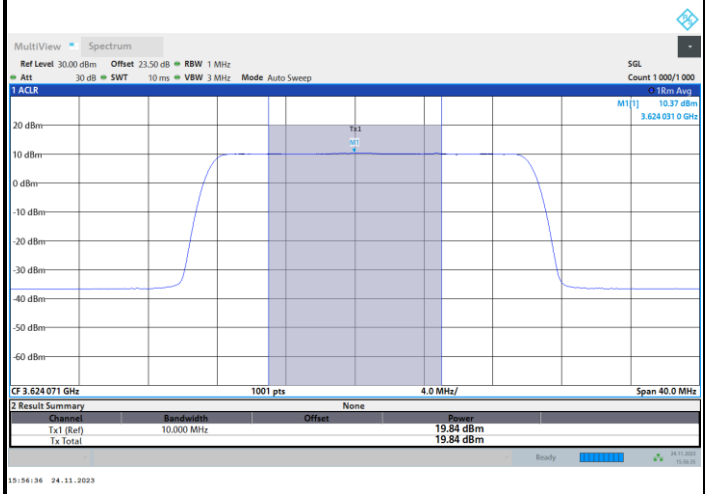
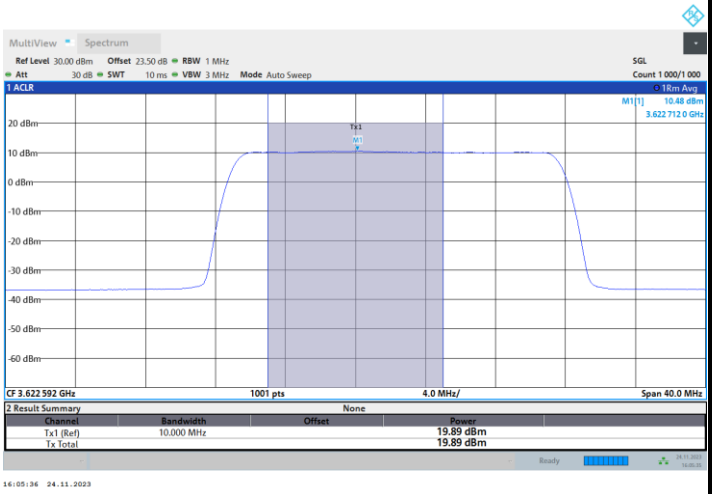
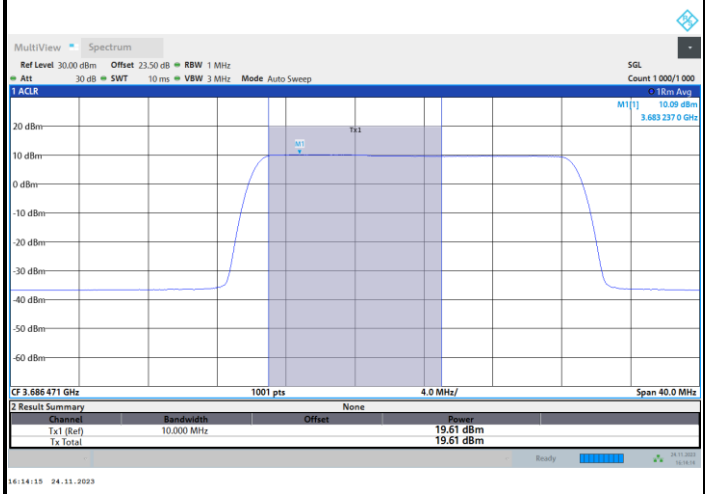
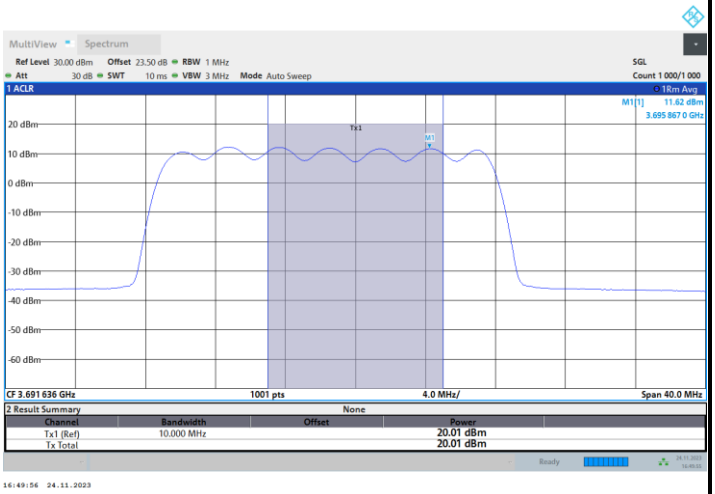
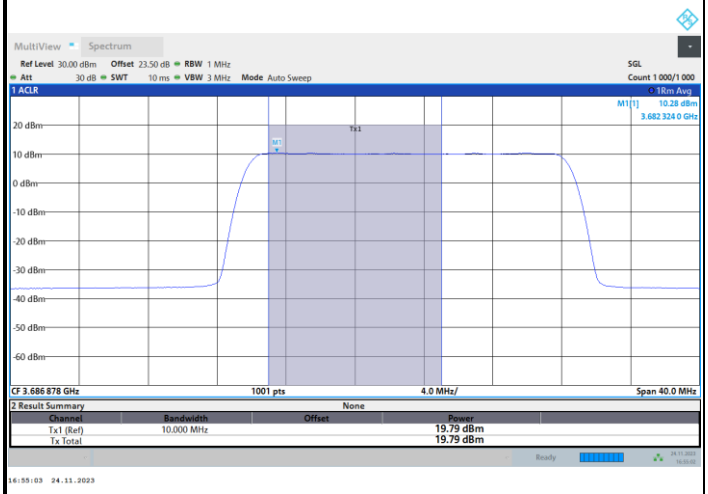
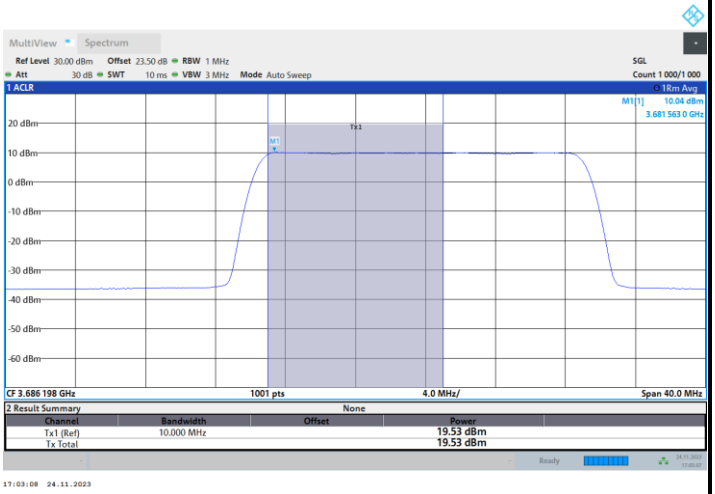
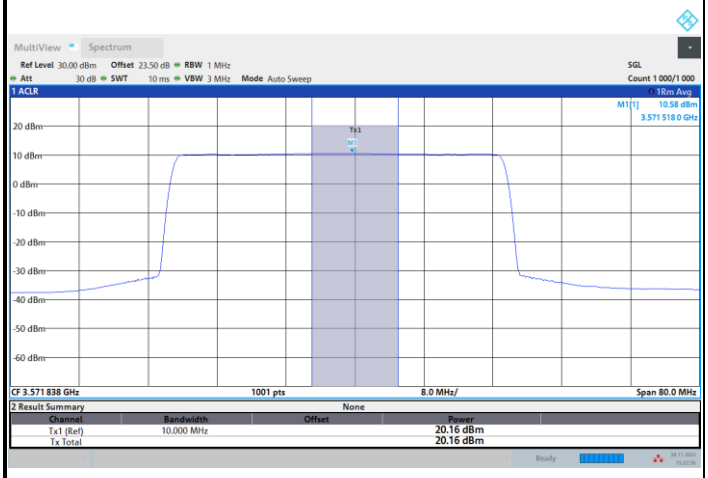
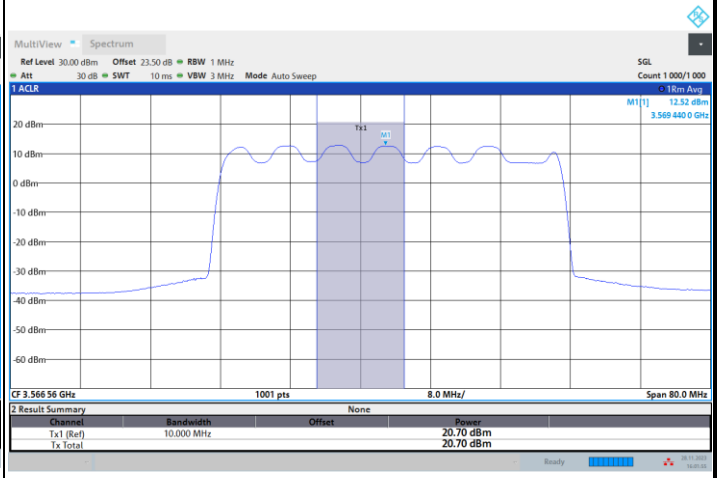
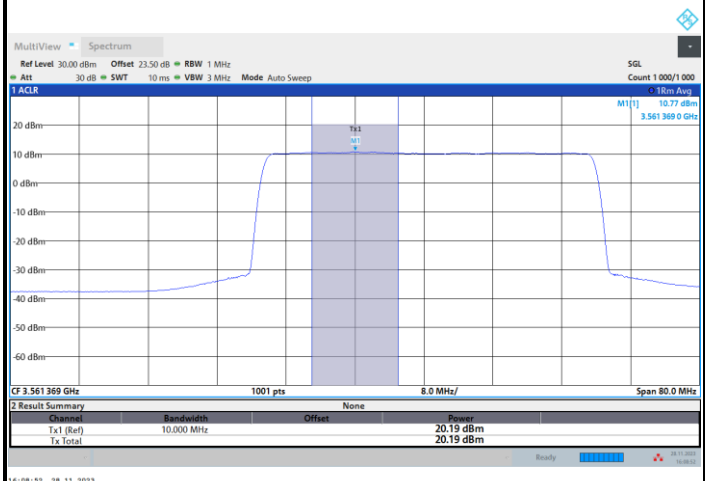
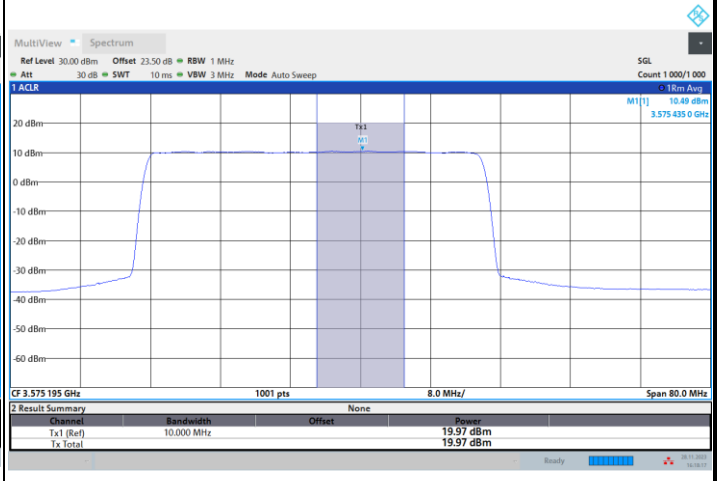
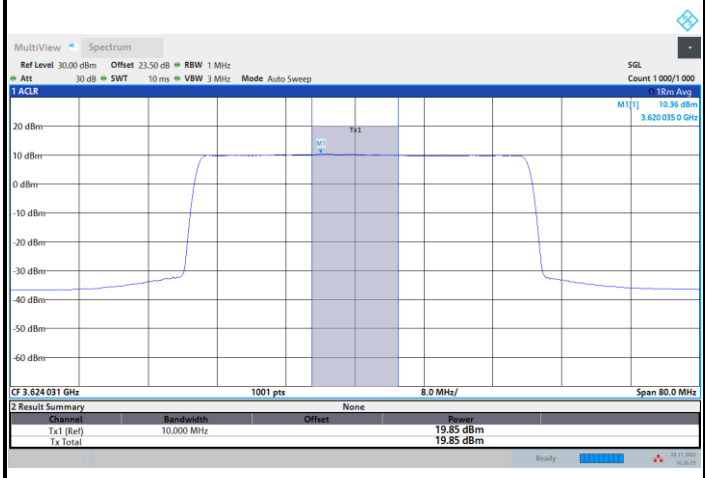
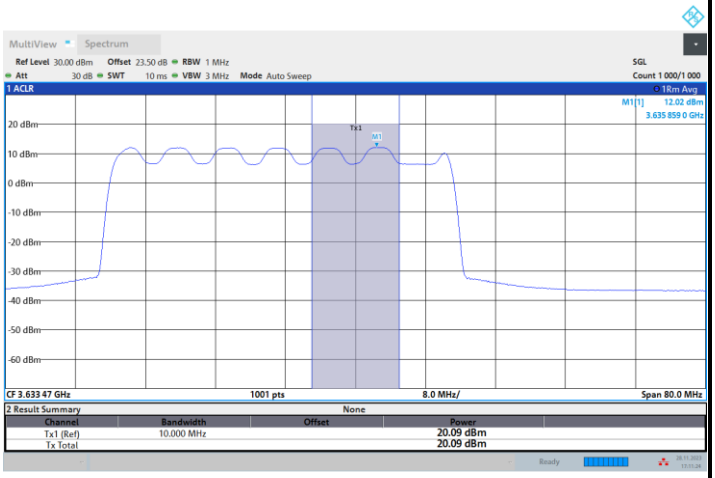
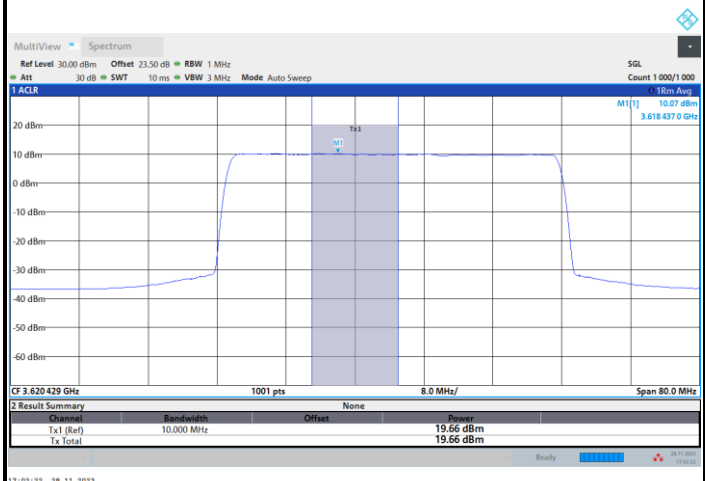
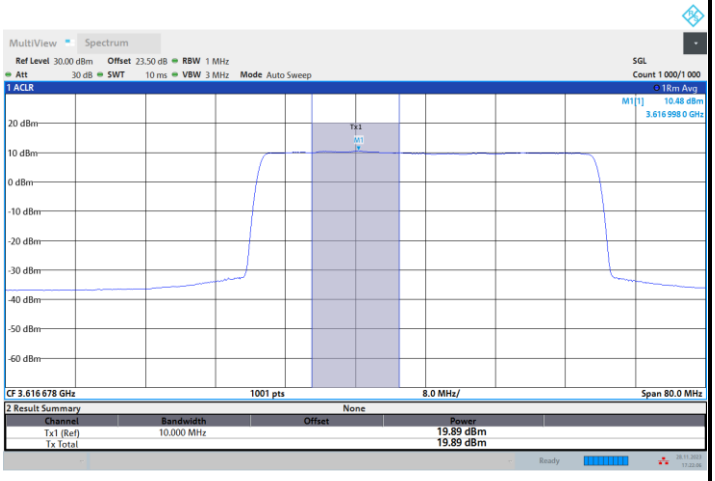
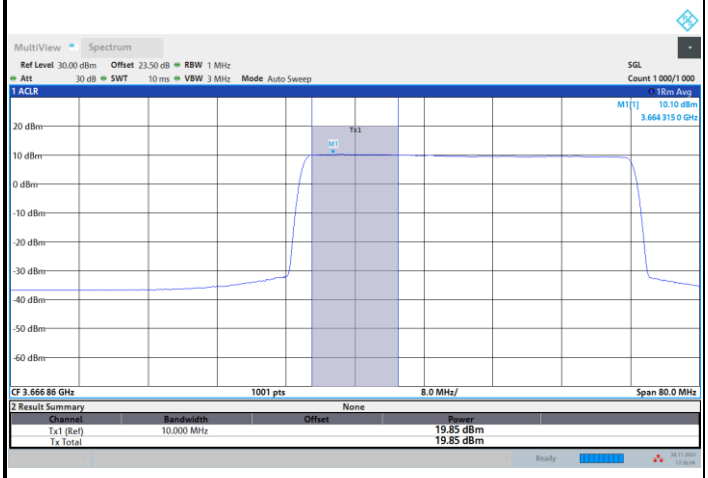
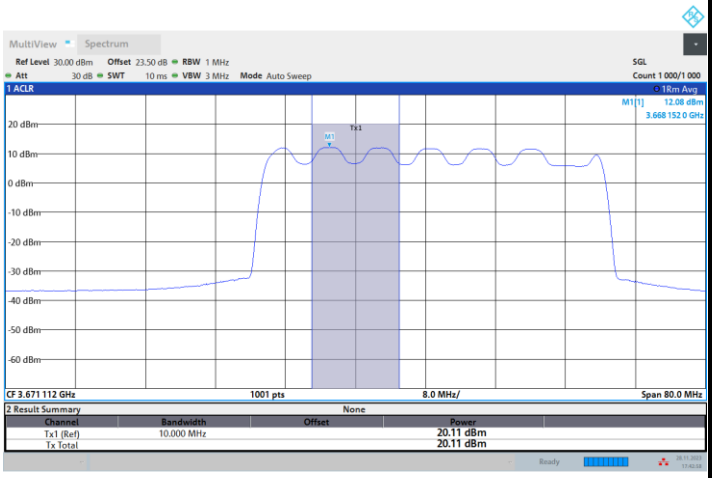
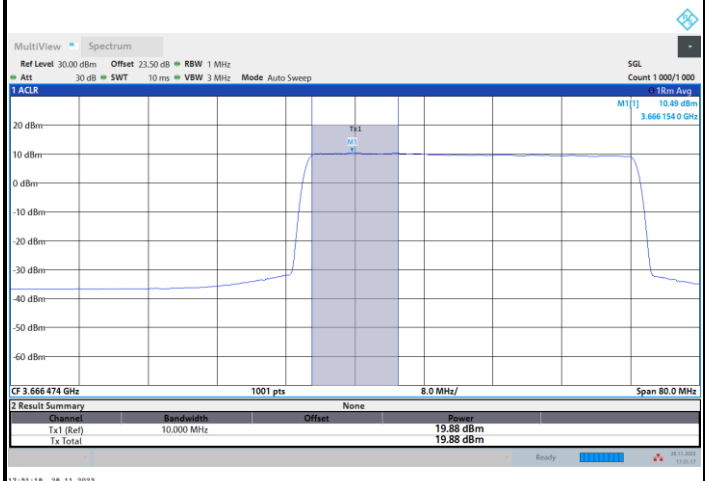
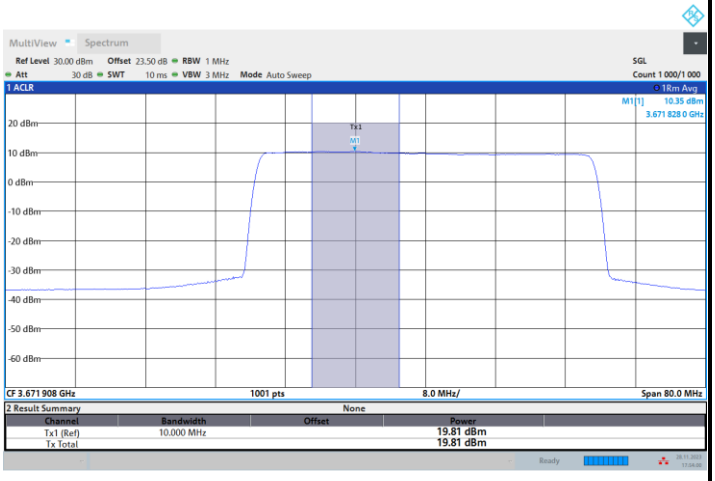
FR1 n48 / 20MHz / Middle Channel / Conducted (dBm/10MHz)	
QPSK	16QAM
	
64QAM	256QAM
	

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							
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

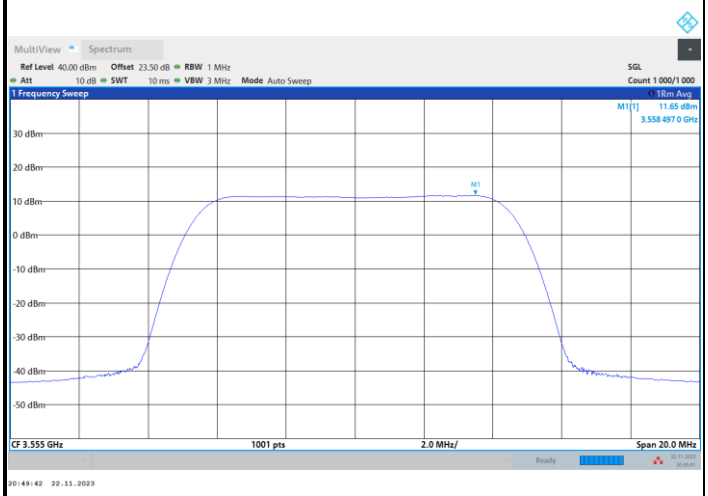
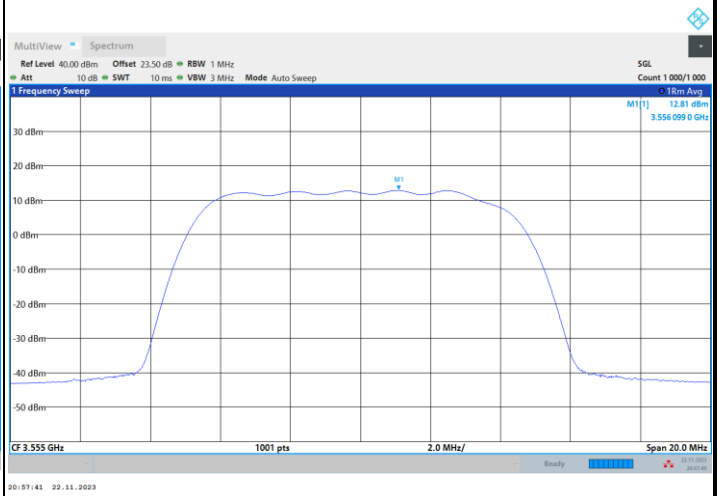
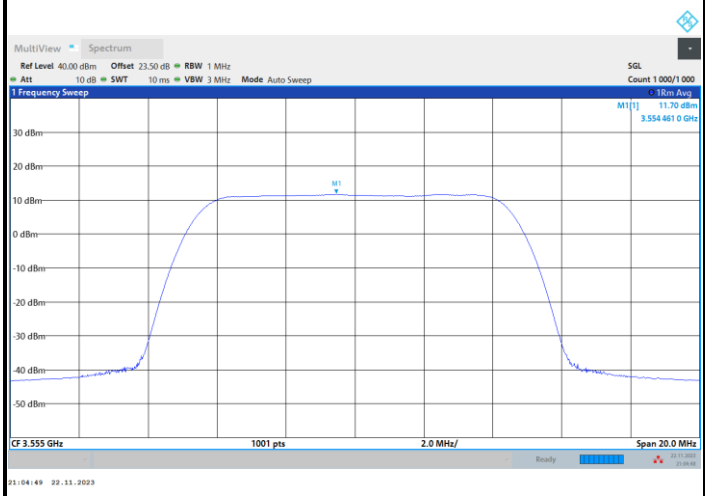
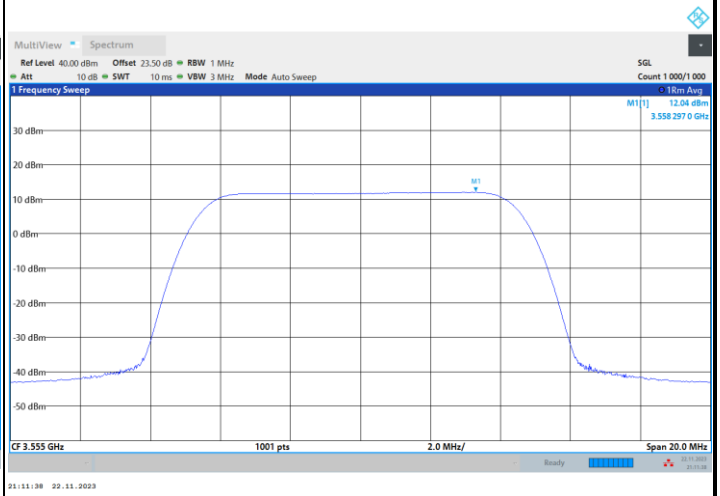
1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 17.5dBi MIMO antenna gain.

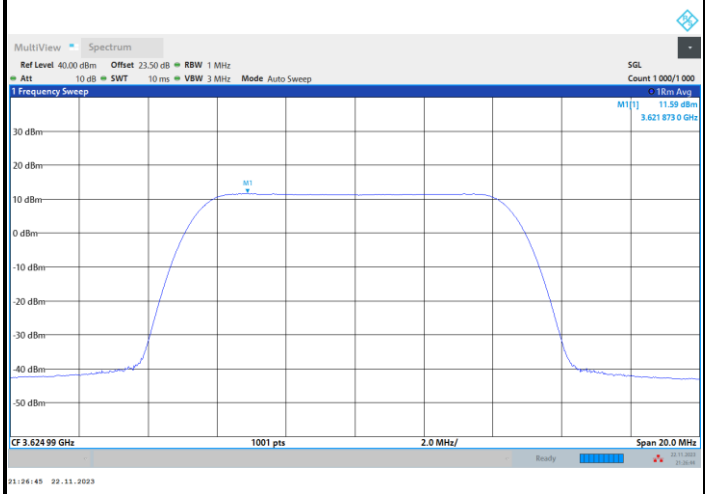
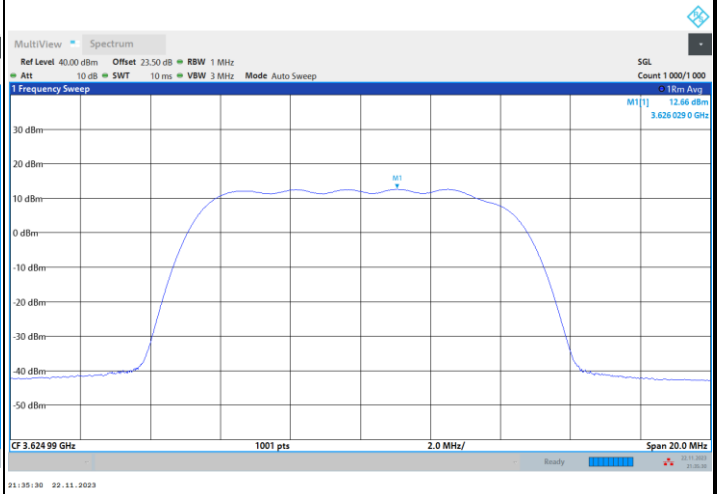
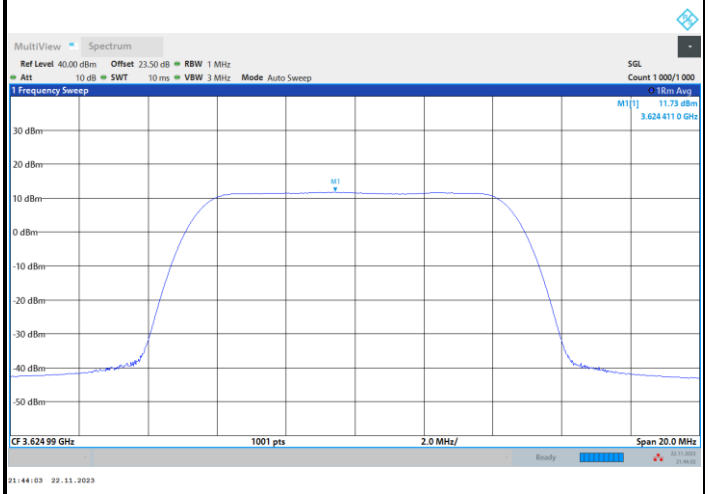
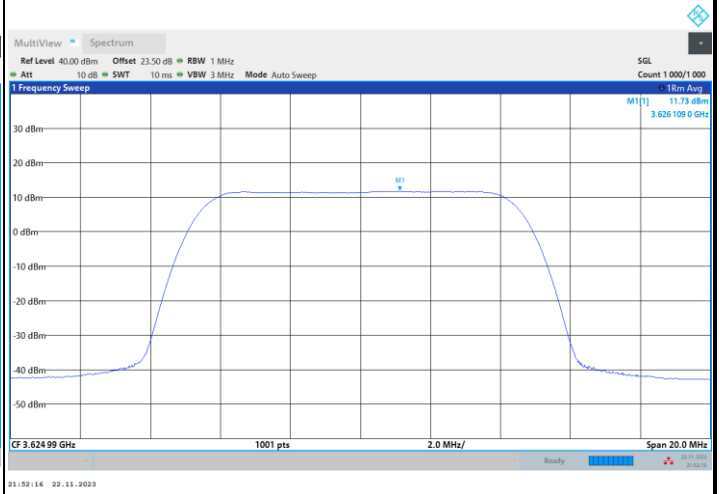
Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Highest Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Highest CH	11.29	12.34	10.08	12.08	10.12	12.05		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Highest CH	11.35	11.46	10.67	10.30	10.09	10.23		

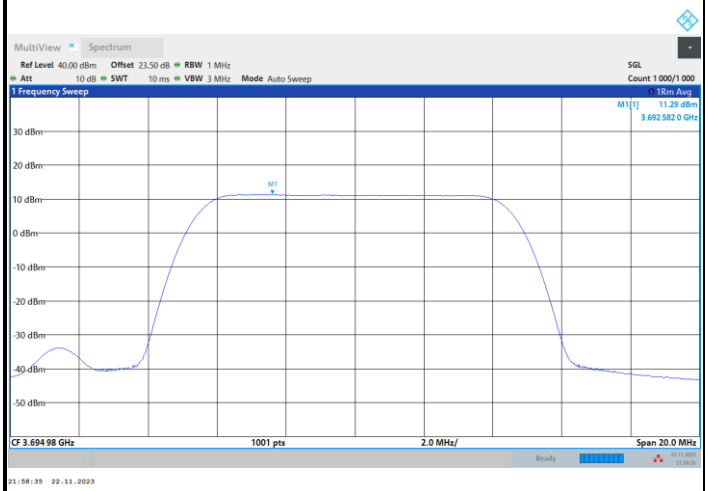
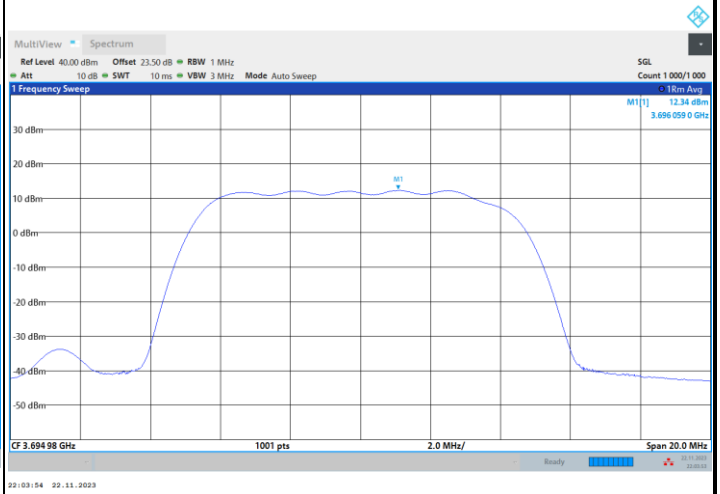
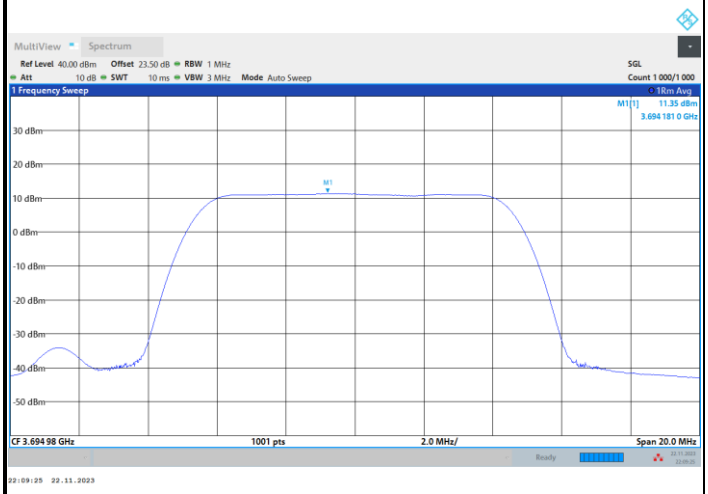
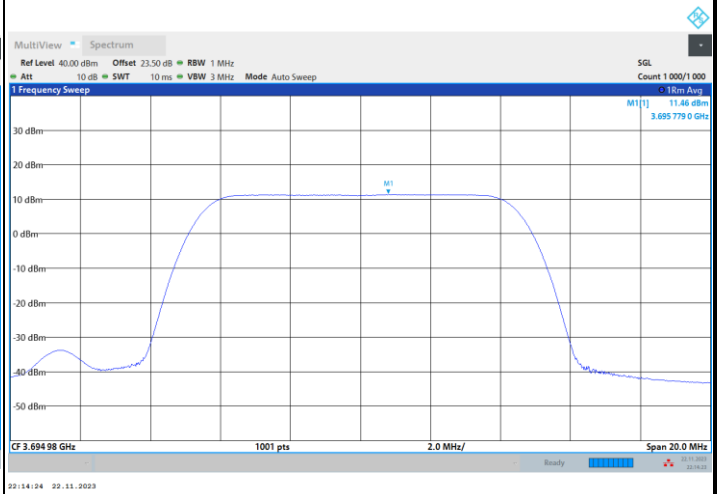
Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Highest Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Highest CH	34.81	35.86	33.60	35.60	33.64	35.57		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Highest CH	34.87	34.98	34.19	33.82	33.61	33.75		
Limit	37dBm/MHz							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

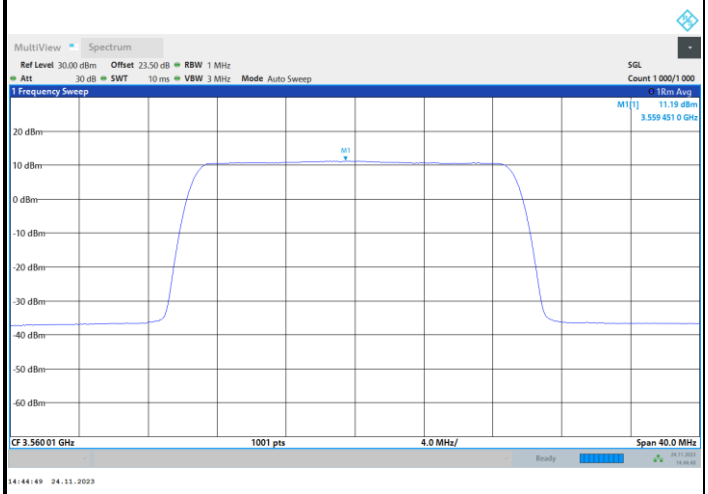
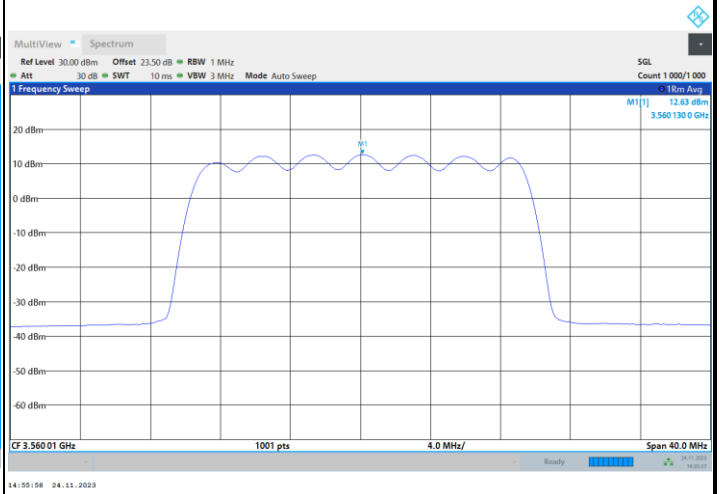
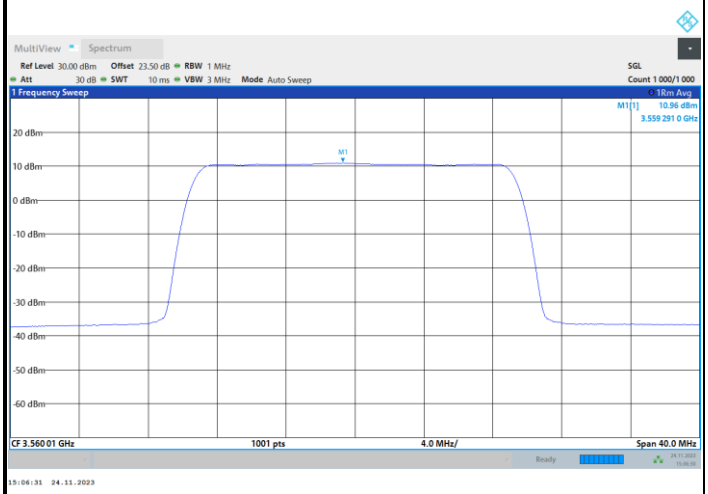
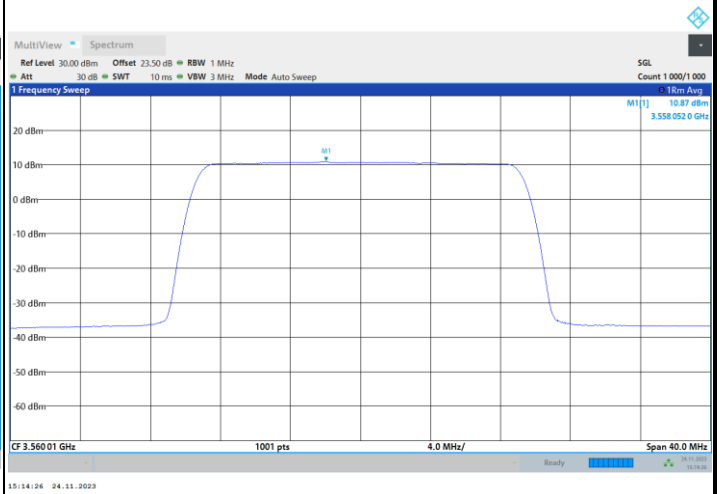
Note

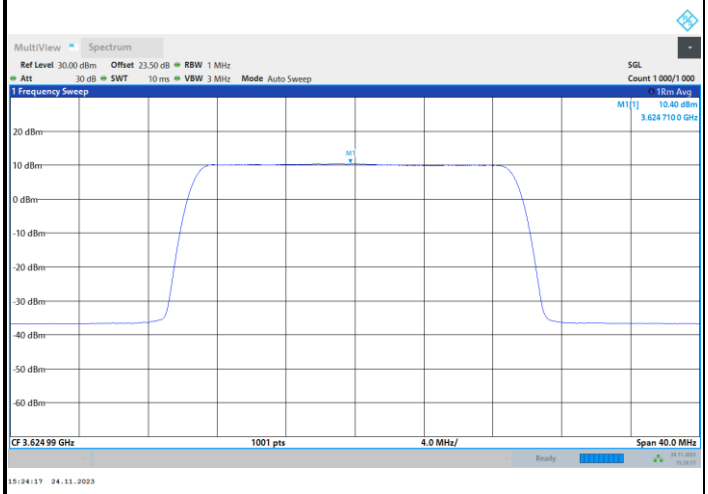
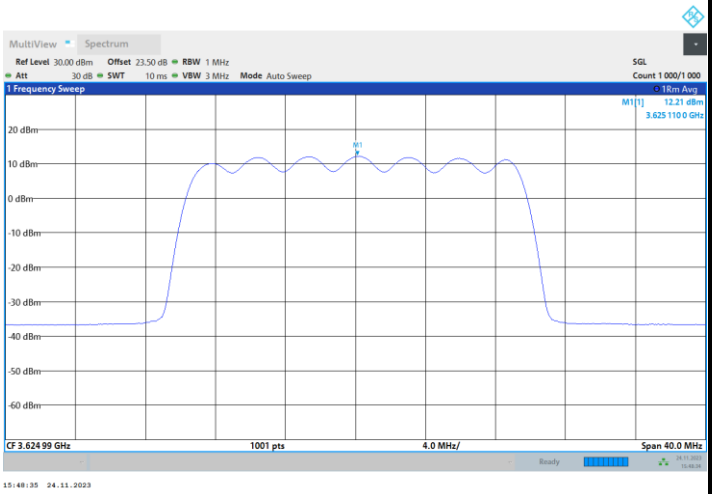
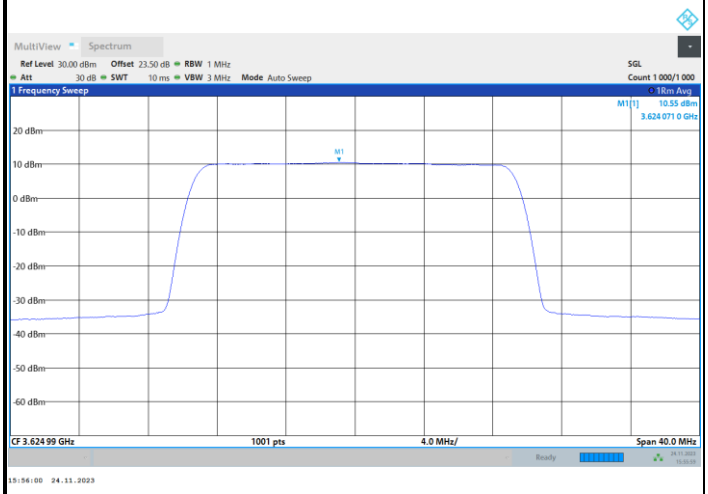
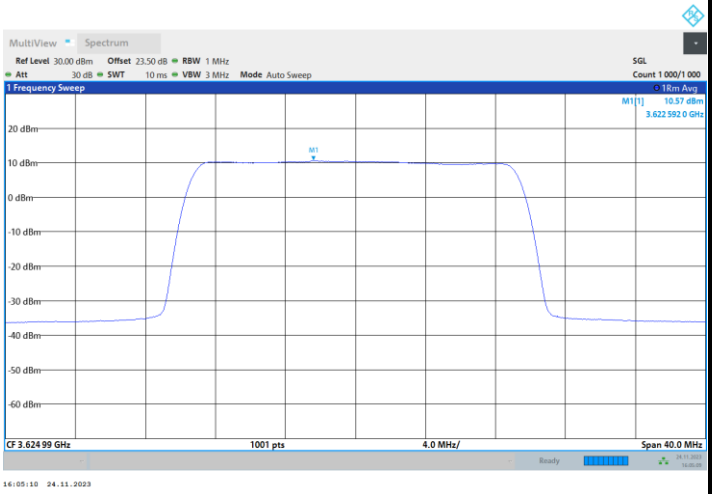
1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 17.5dBi MIMO antenna gain.

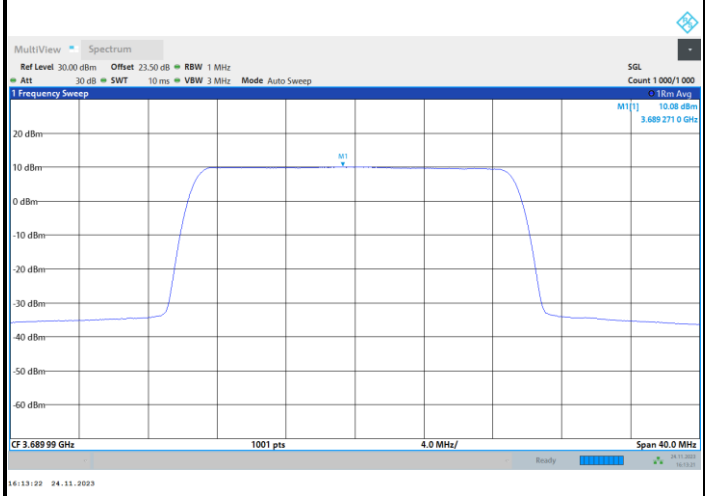
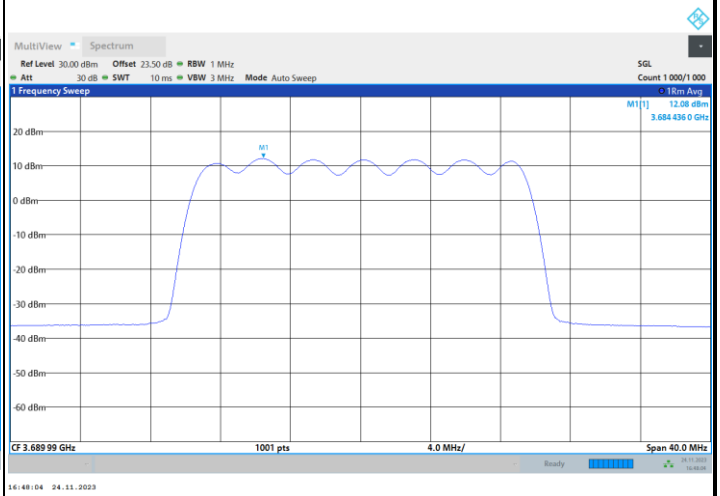
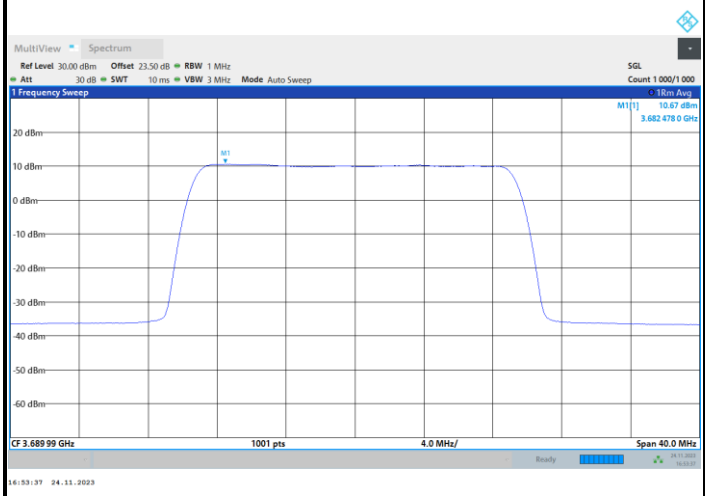
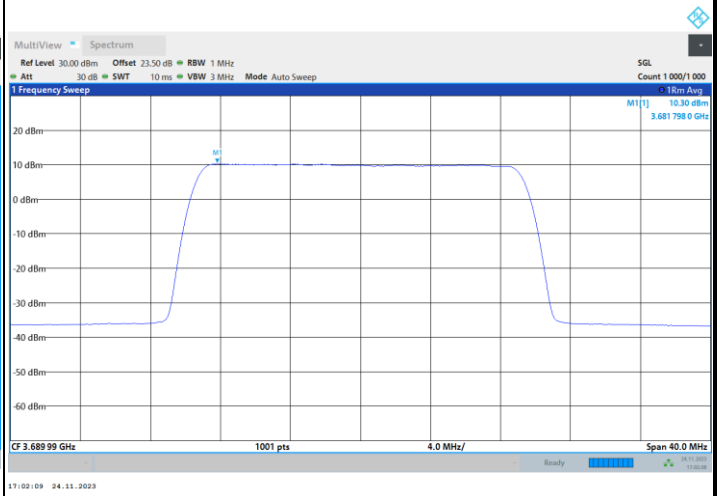
FR1 n48 / 10MHz / Lowest Channel / PSD	
QPSK	16QAM
	
64QAM	256QAM
	

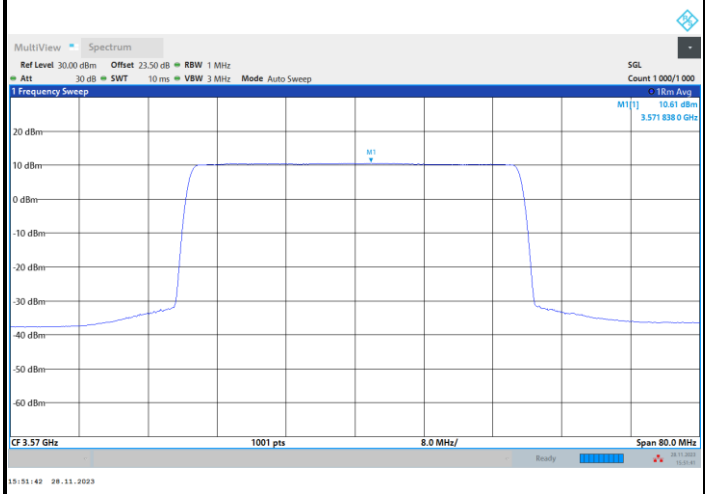
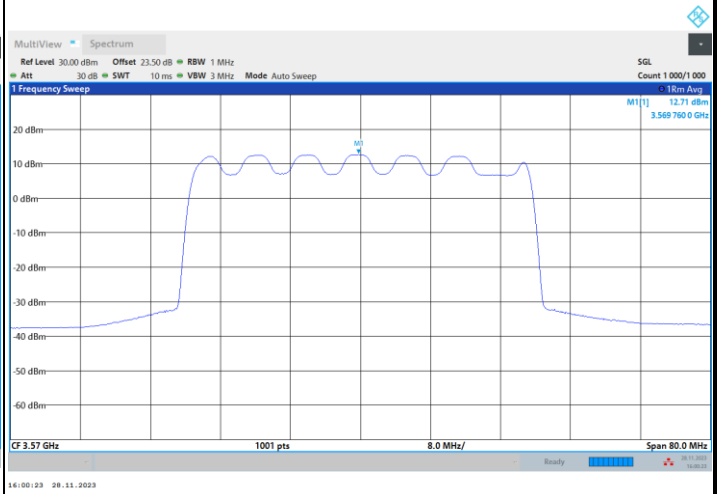
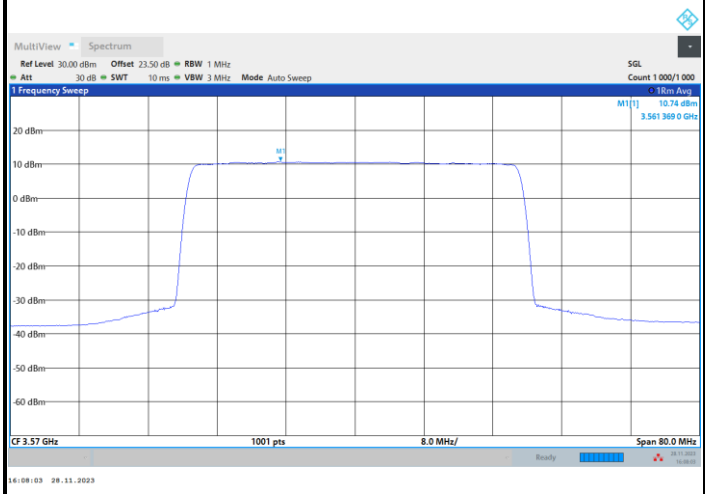
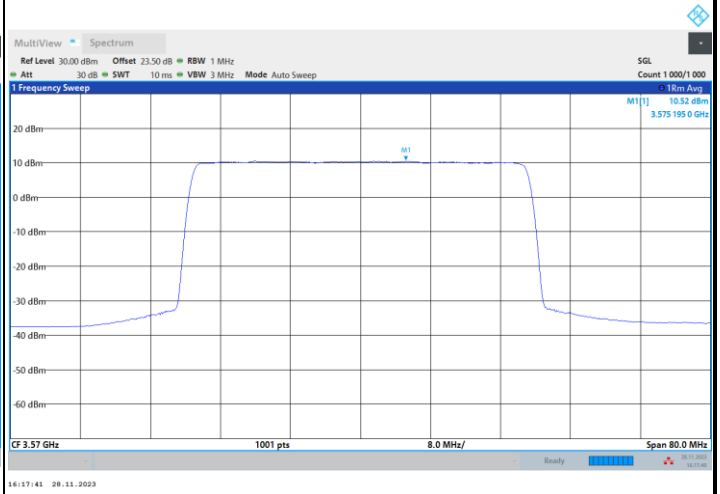
FR1 n48 / 10MHz / Middle Channel / PSD	
QPSK	16QAM
	
64QAM	256QAM
	

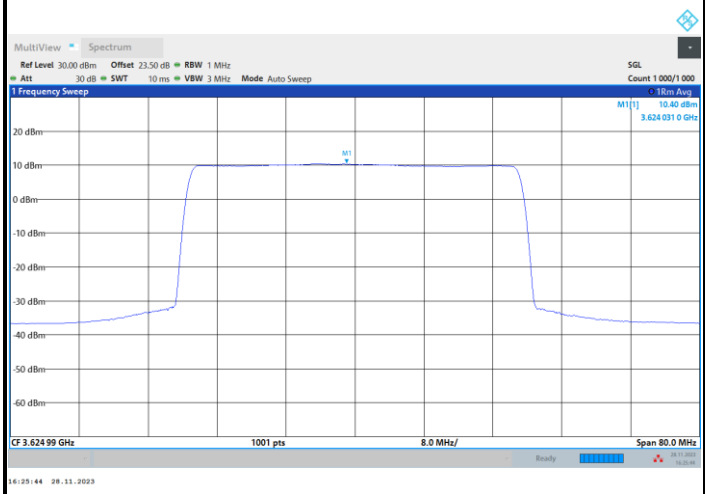
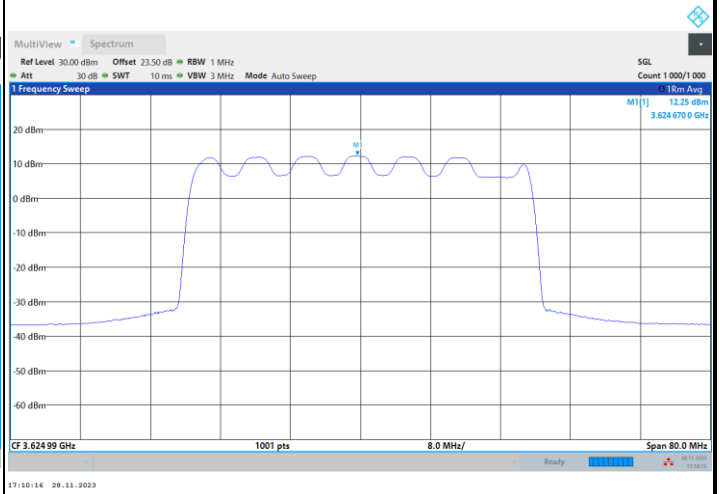
FR1 n48 / 10MHz / Highest Channel / PSD	
QPSK	16QAM
	
64QAM	256QAM
	

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
	
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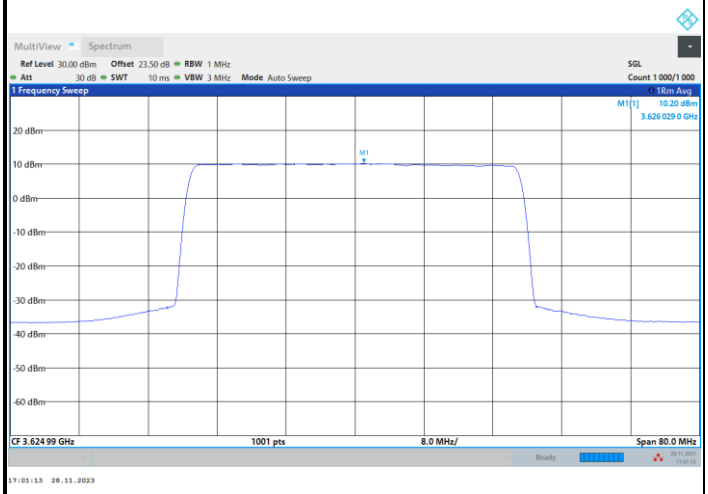
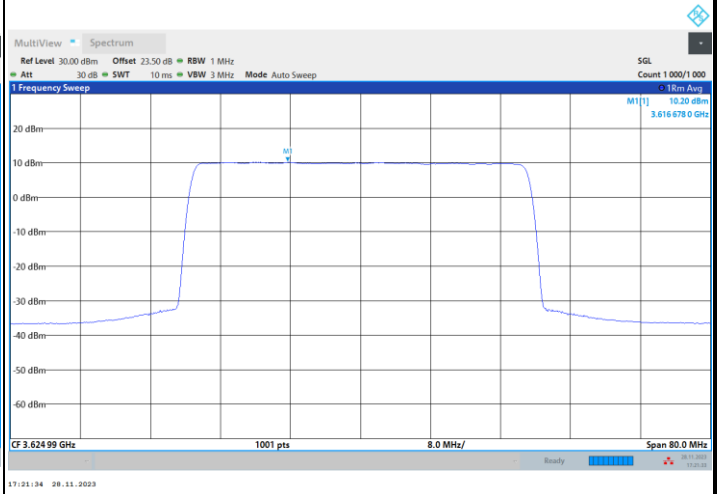
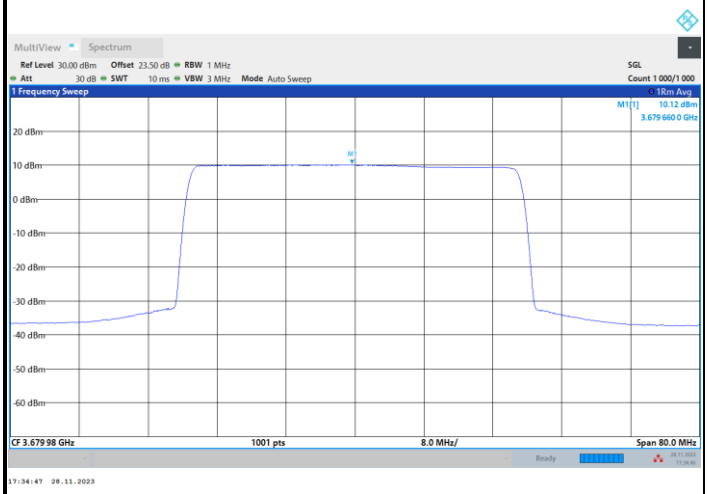
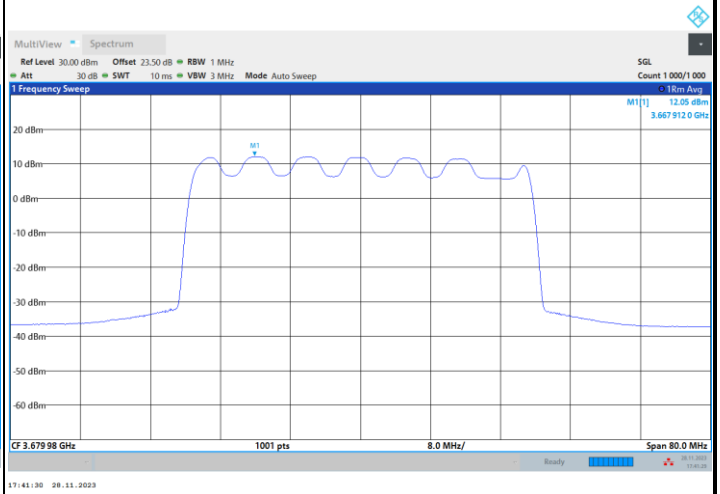
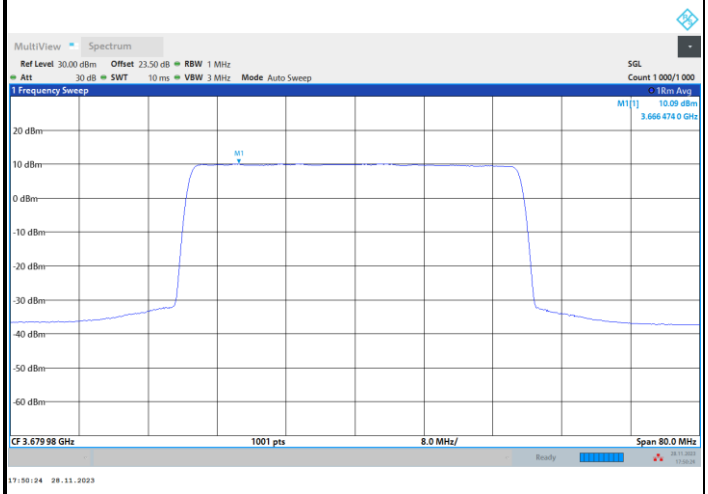
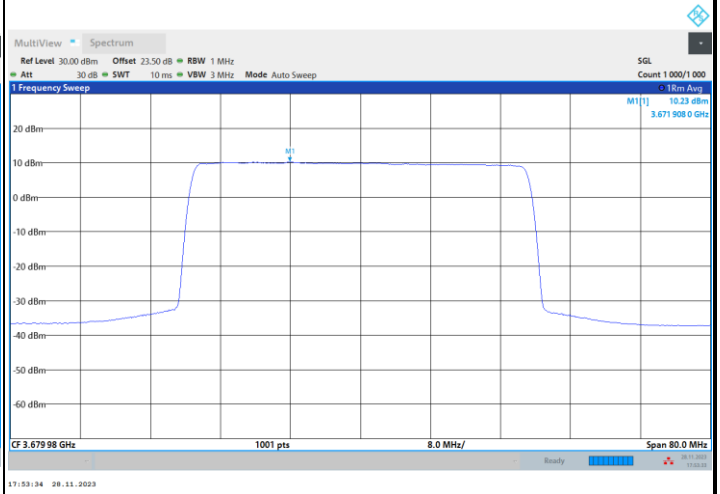
	

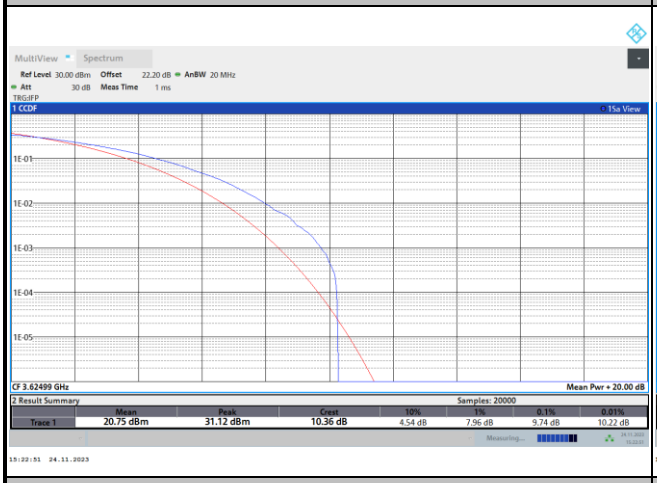
FR1 n48 / 40MHz / Highest Channel / PSD	
QPSK	16QAM
	
64QAM	256QAM
	

Peak-to-Average Ratio

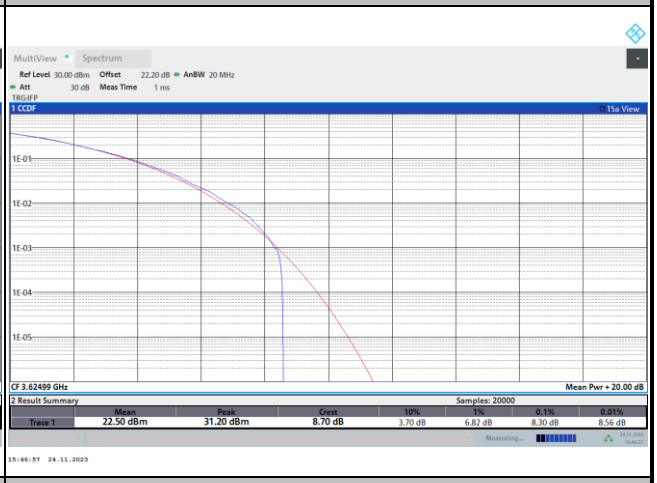
Mode	FR1 n48 / 20MHz / PAR (dB)				Limit: 13dB
Mod.	QPSK	16QAM	64QAM	256QAM	Result
Middle CH	9.74	8.30	12.48	8.14	PASS

FR1 n48 / 20MHz / Middle Channel / PAR

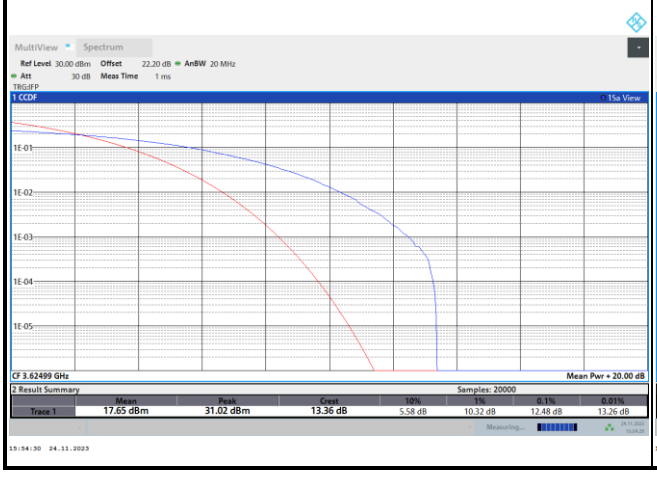
QPSK



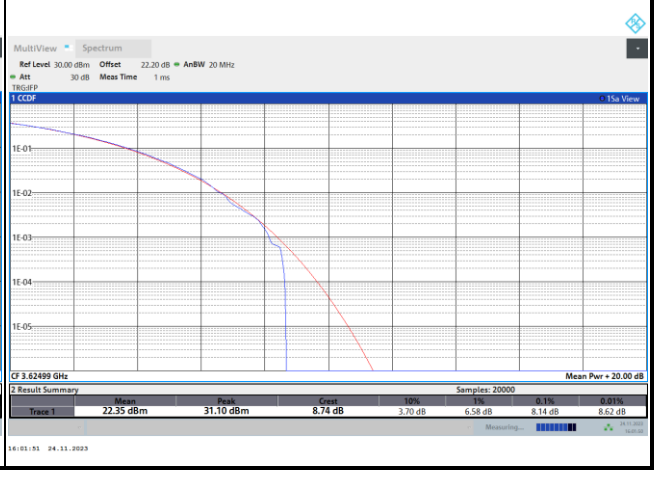
16QAM



64QAM

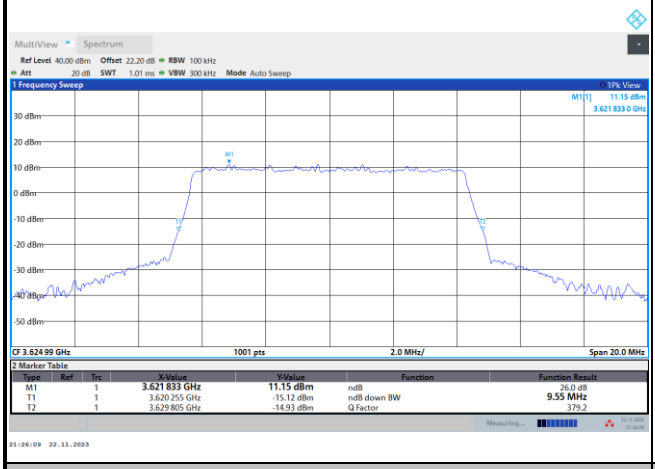
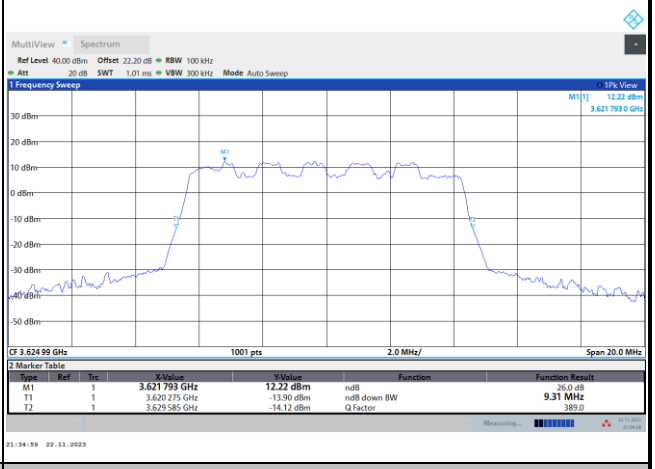
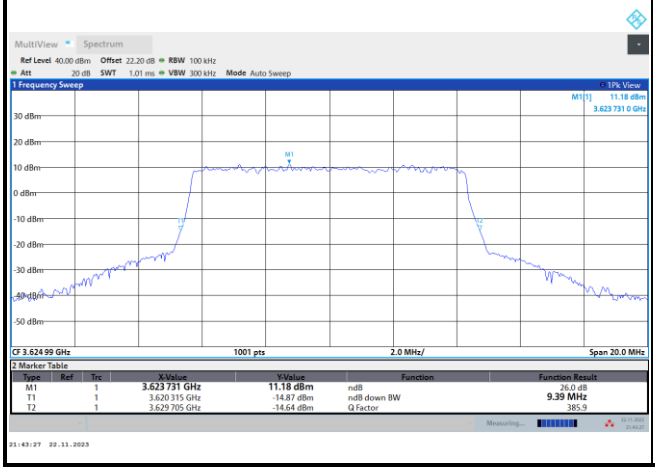
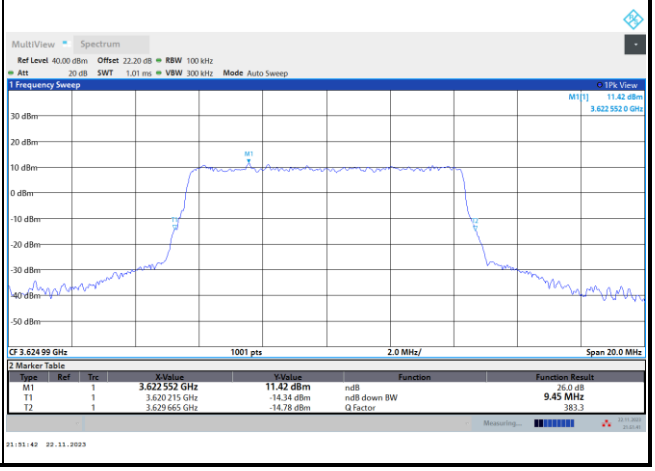


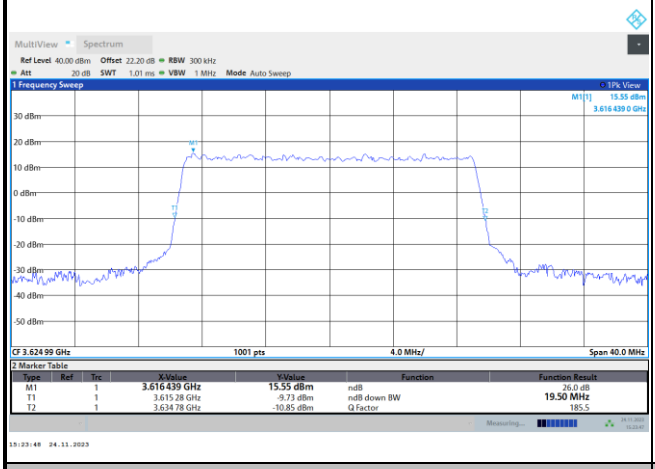
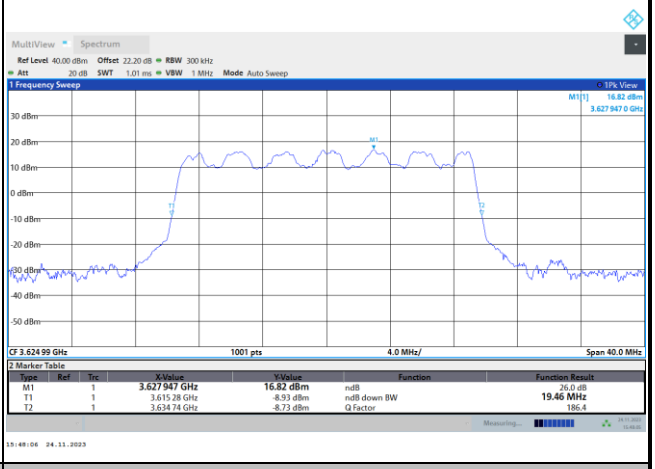
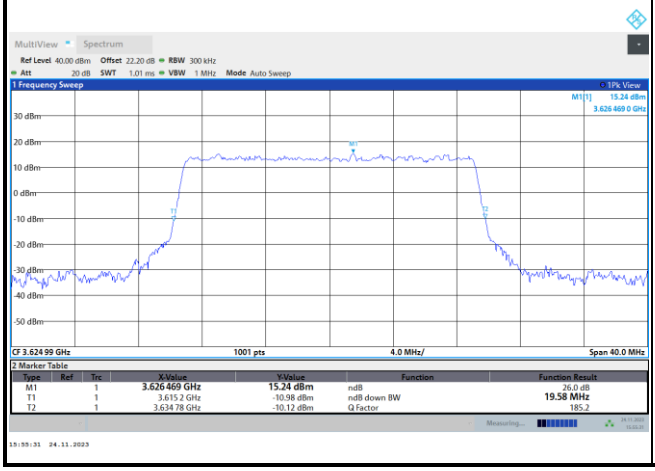
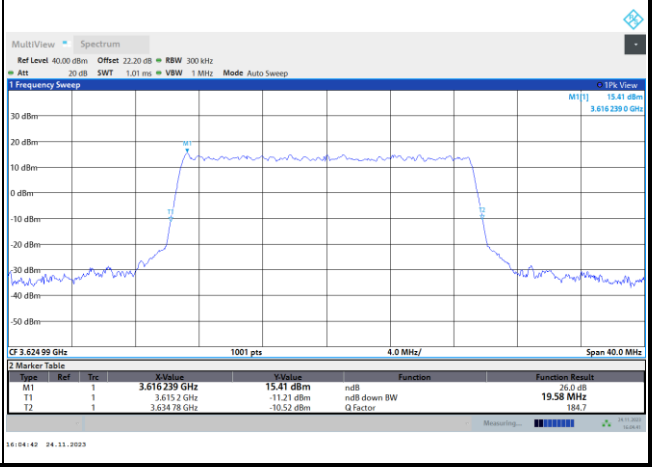
256QAM

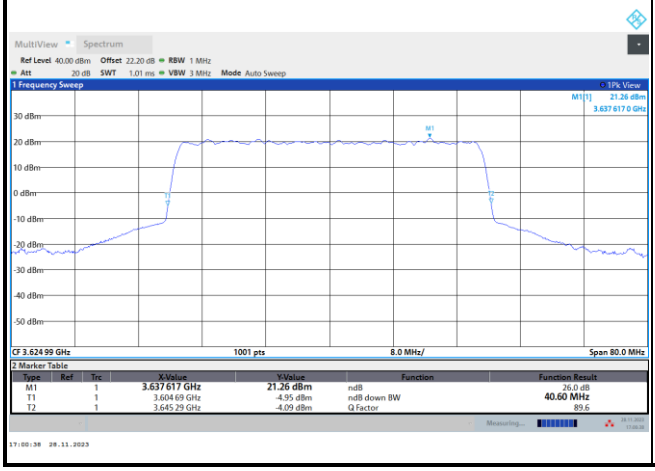
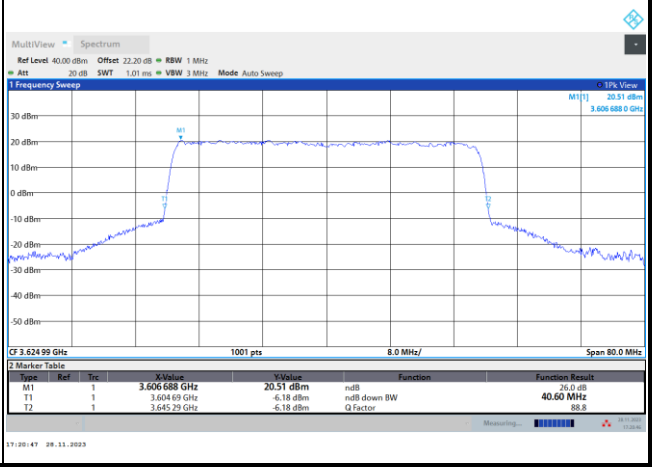


26dB Bandwidth

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		

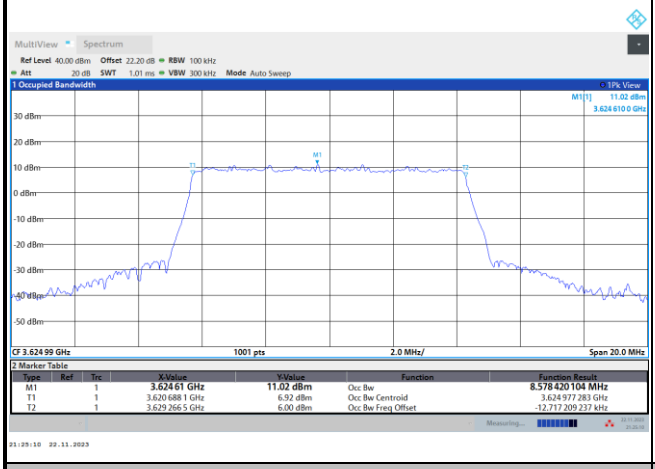
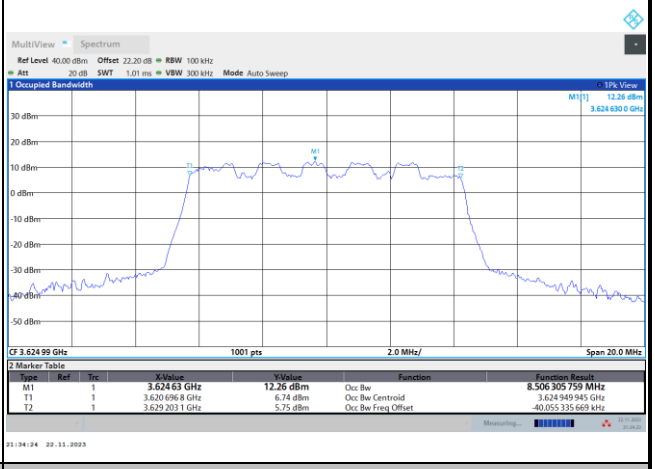
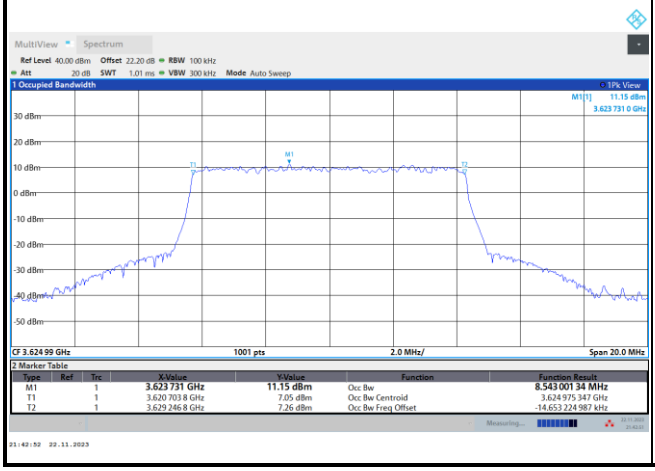
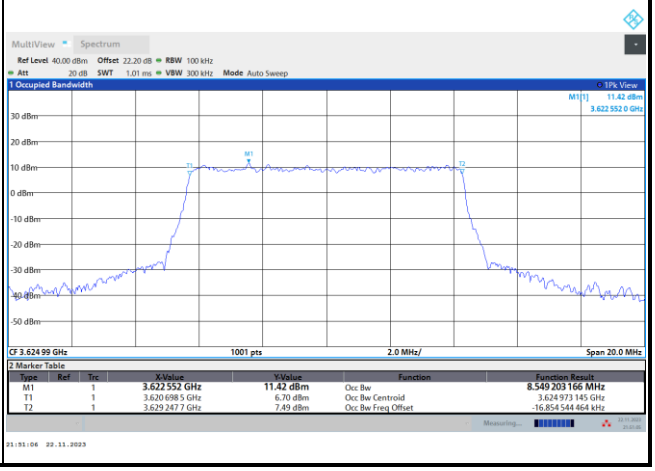
FR1 n48 / 10MHz / Middle Channel / 26dB BW	
QPSK	16QAM
	
64QAM	256QAM
	

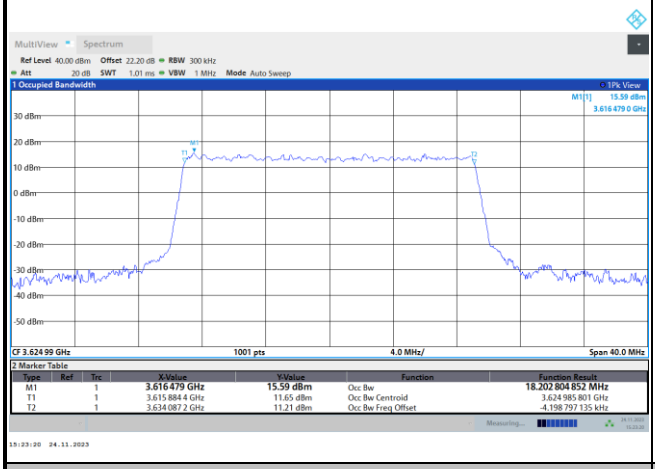
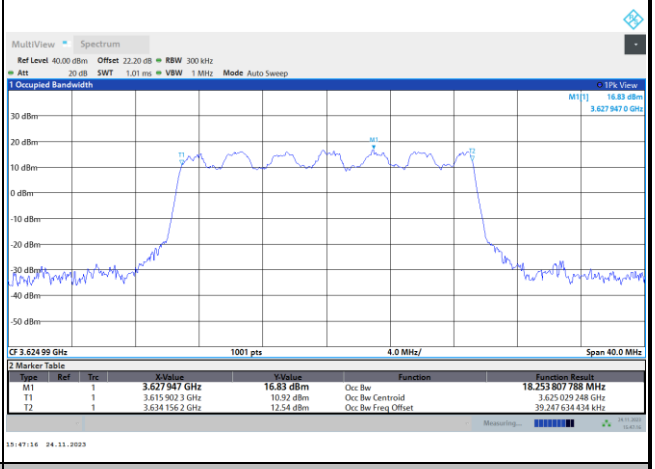
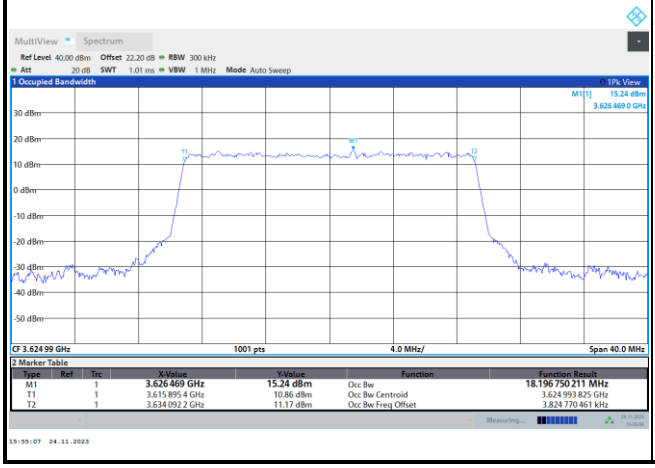
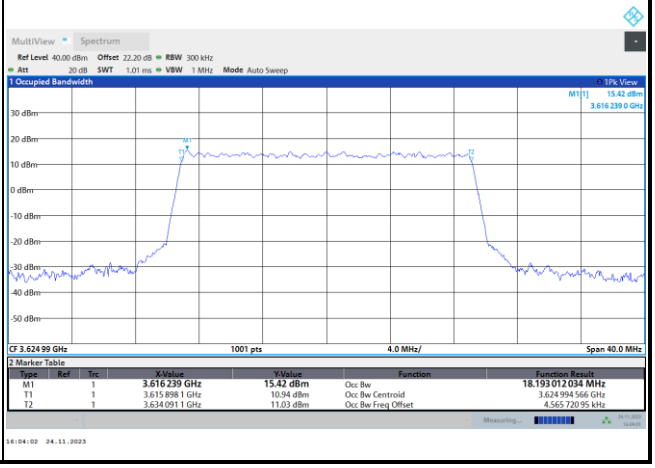
FR1 n48 / 20MHz / Middle Channel / 26dB BW	
QPSK	16QAM
	
64QAM	256QAM
	

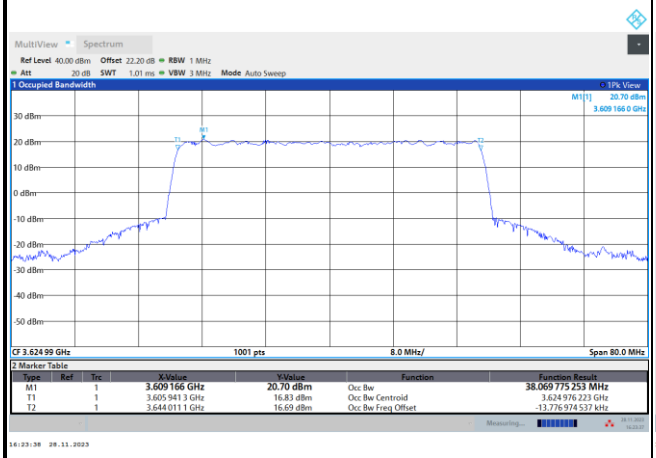
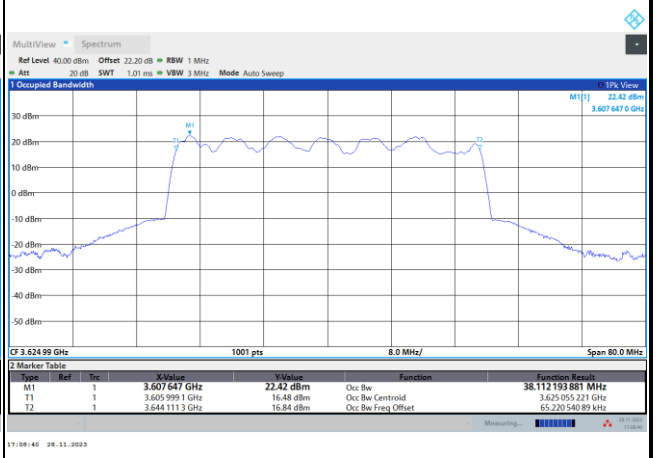
FR1 n48 / 40MHz / Middle Channel / 26dB BW	
QPSK	16QAM
64QAM	256QAM
	

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
	
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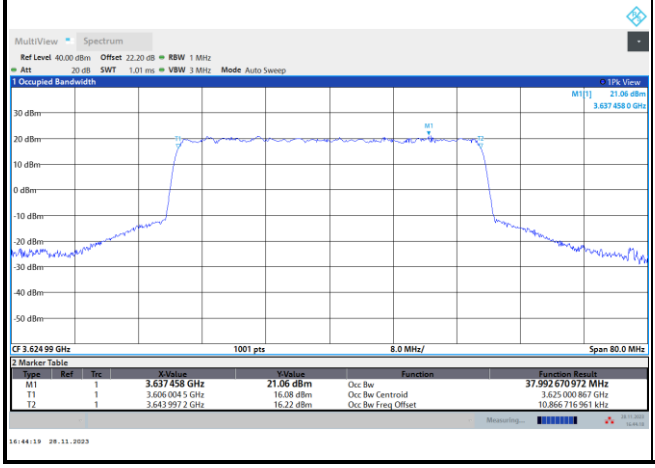
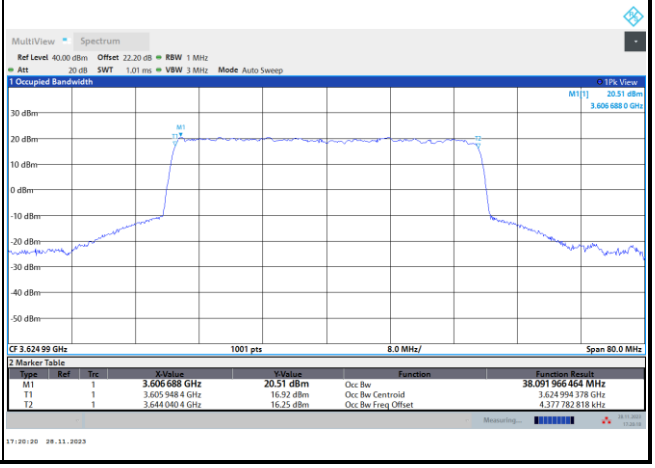
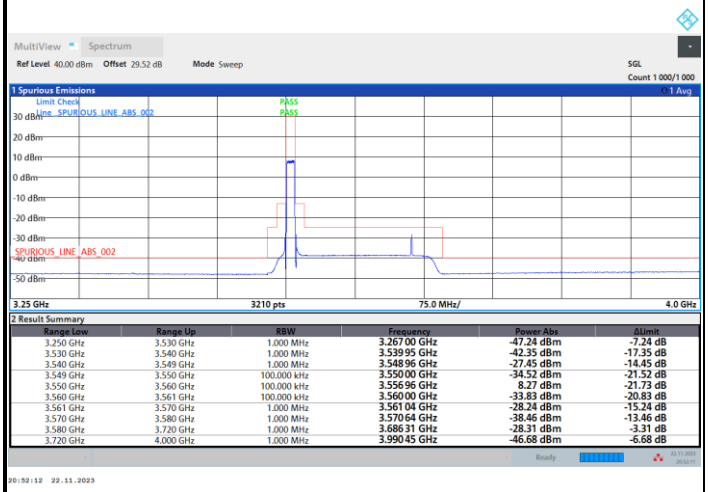
	

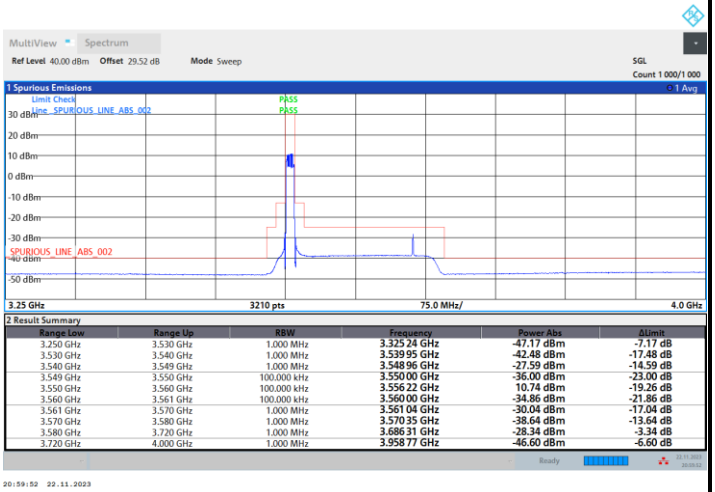
Unwanted Emission (MASK)

FR1 n48 / 10MHz / Lowest Channel / MASK

QPSK



16QAM



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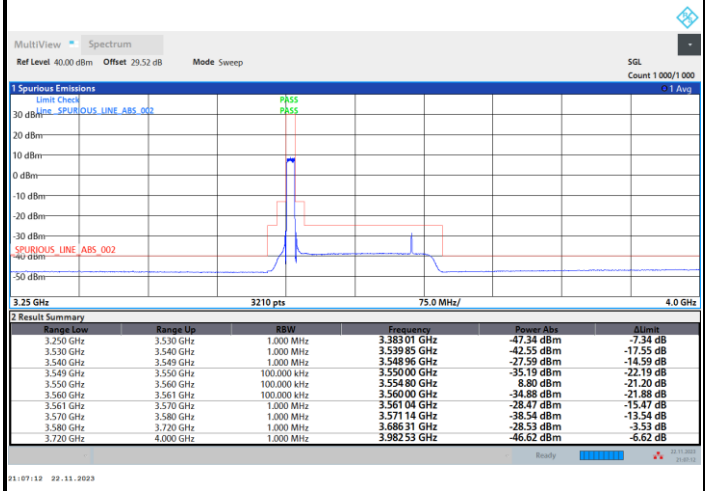
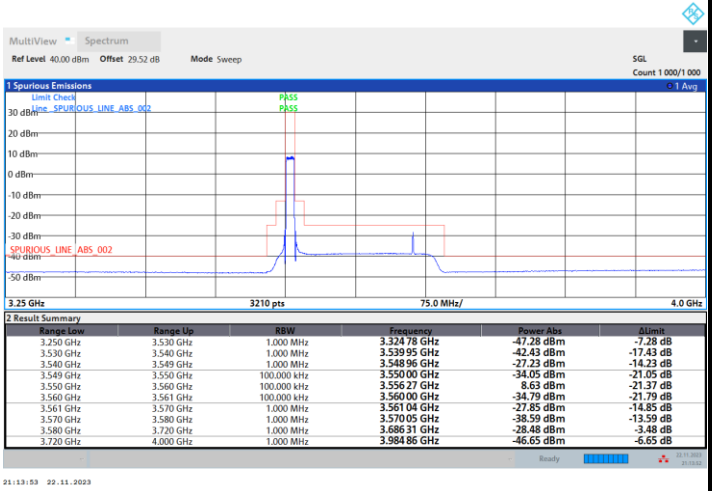
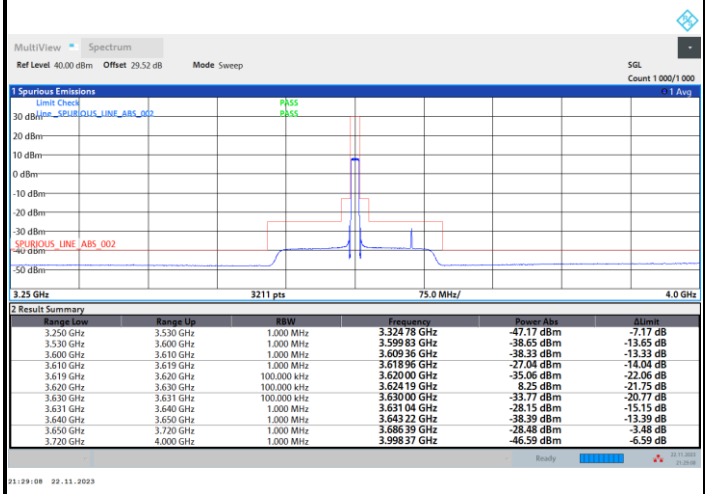


256QAM



FR1 n48 / 10MHz / Middle Channel / MASK

QPSK



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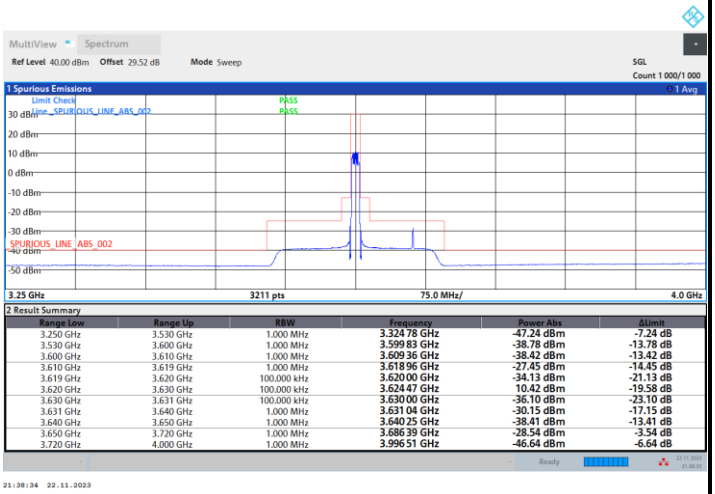

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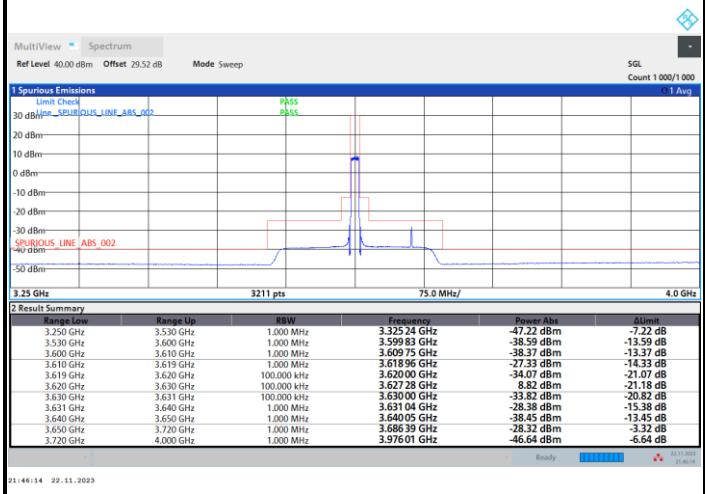

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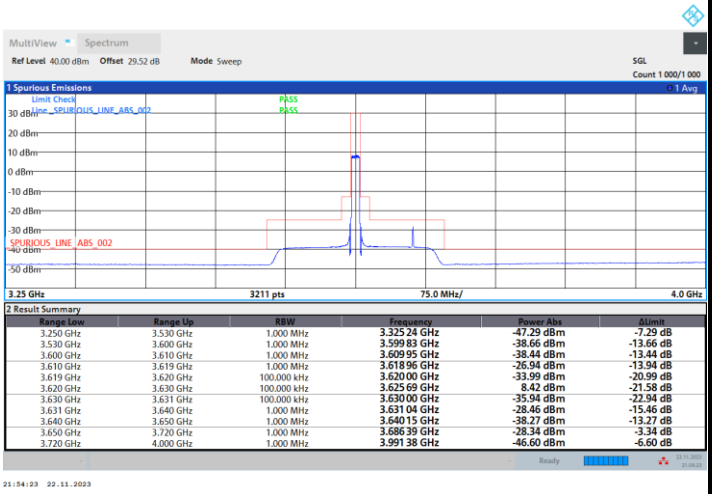
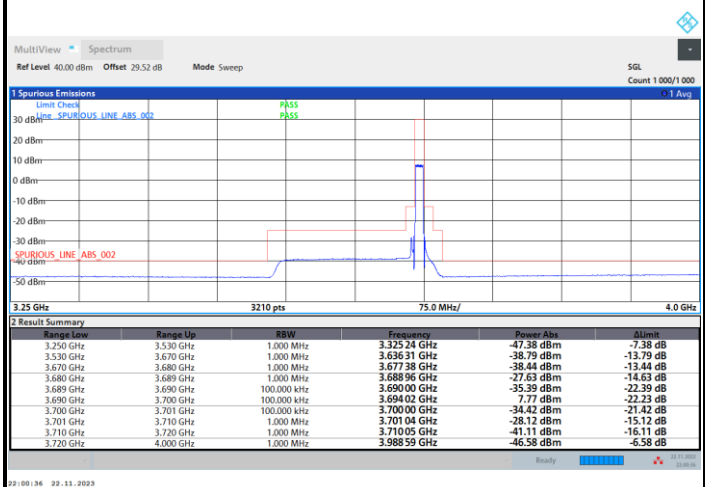


FR1 n48 / 10MHz / Highest Channel / MASK

QPSK



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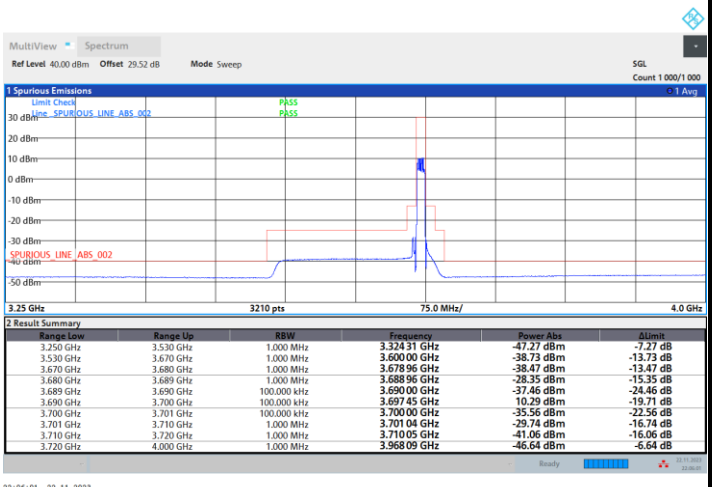

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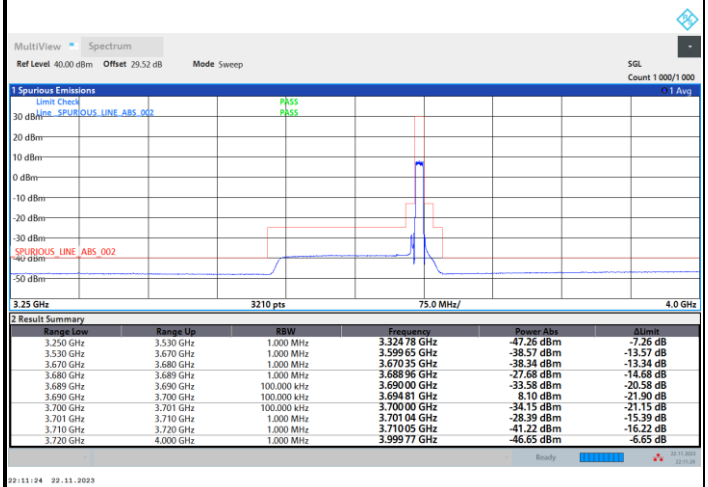

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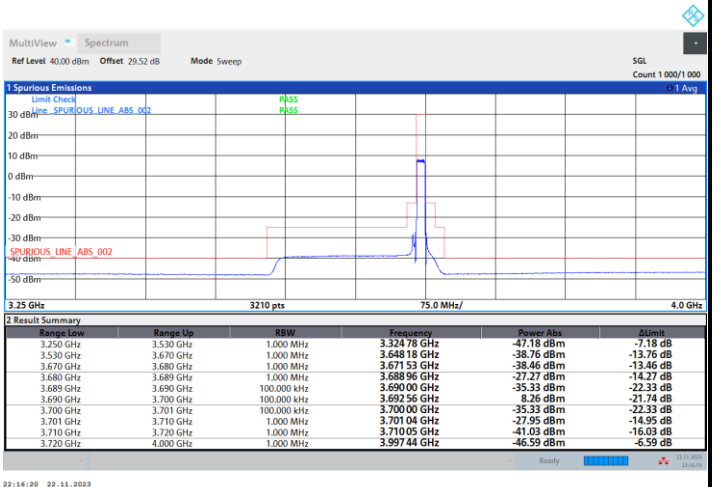
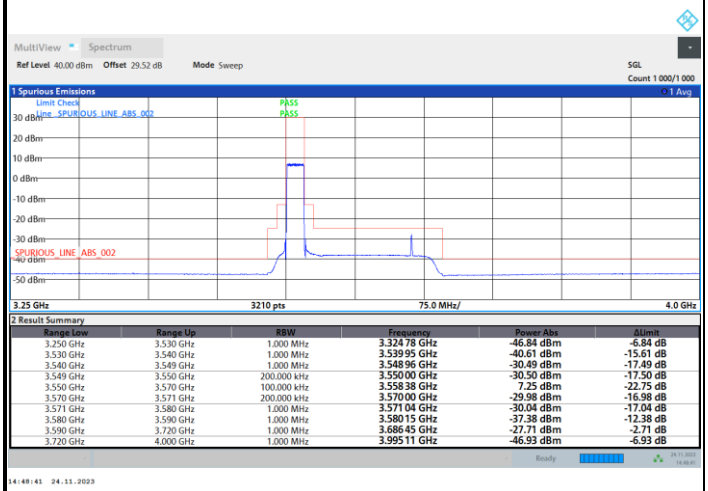


FR1 n48 / 20MHz / Lowest Channel / MASK

QPSK



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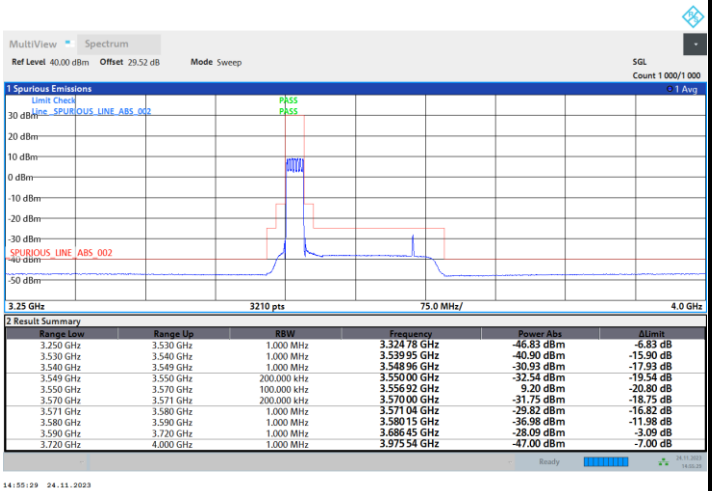

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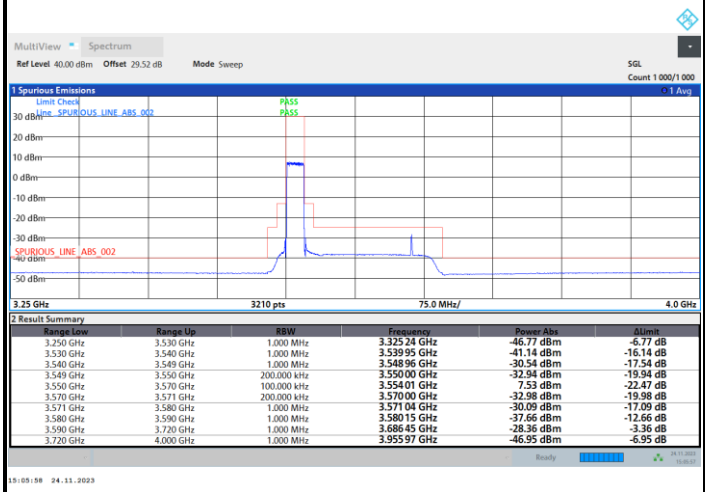
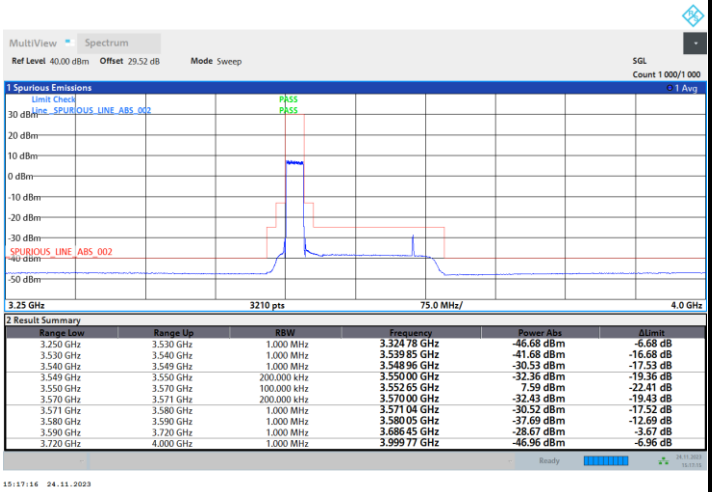
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