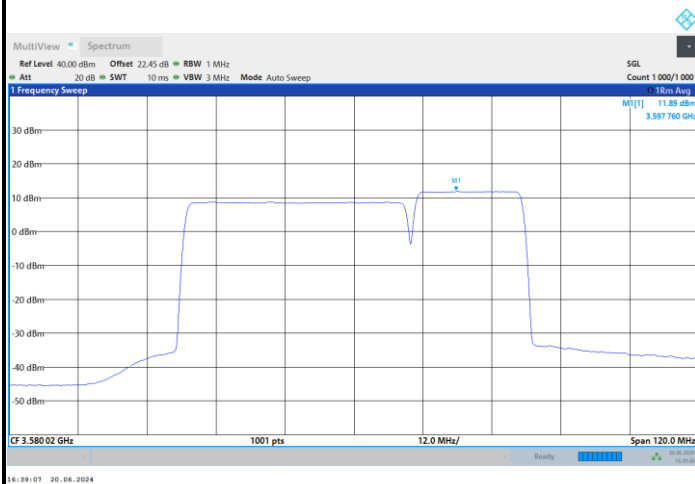


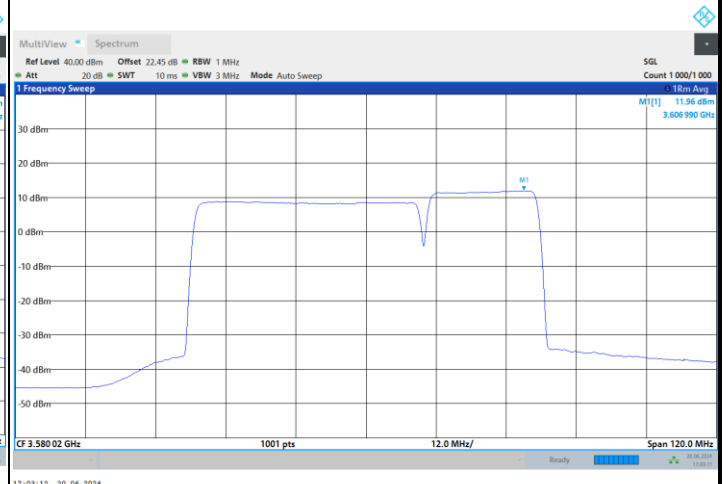


FR1 n48 / 40MHz+20MHz / Lowest Channel / PSD

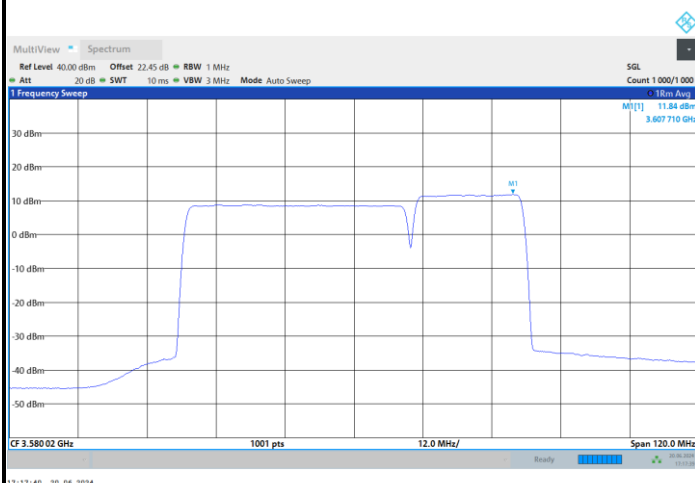
QPSK



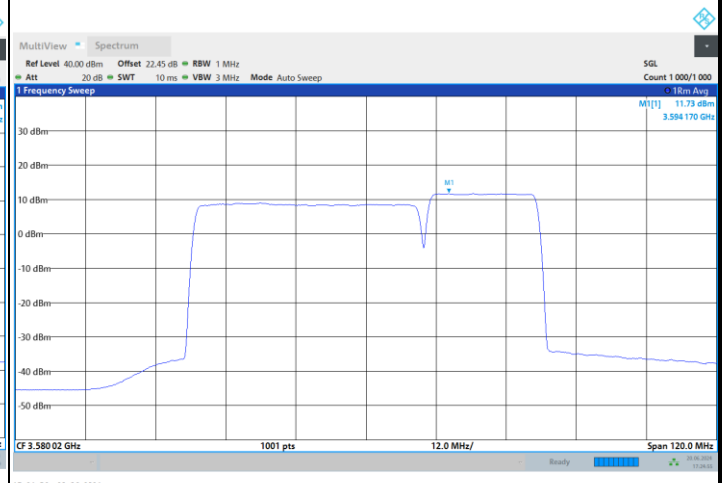
16QAM



64QAM



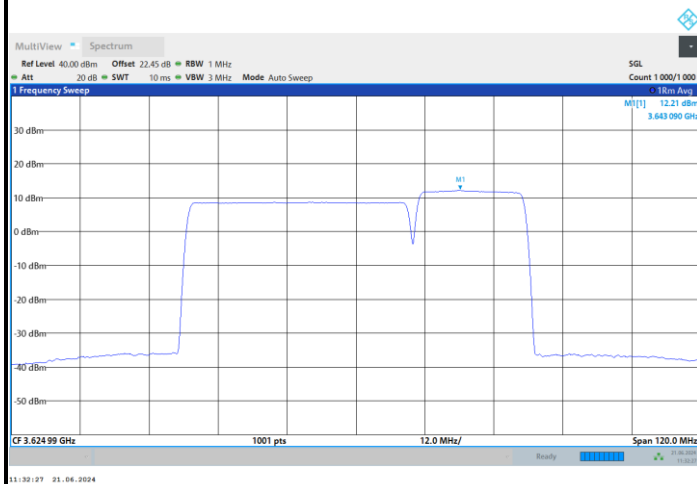
256QAM



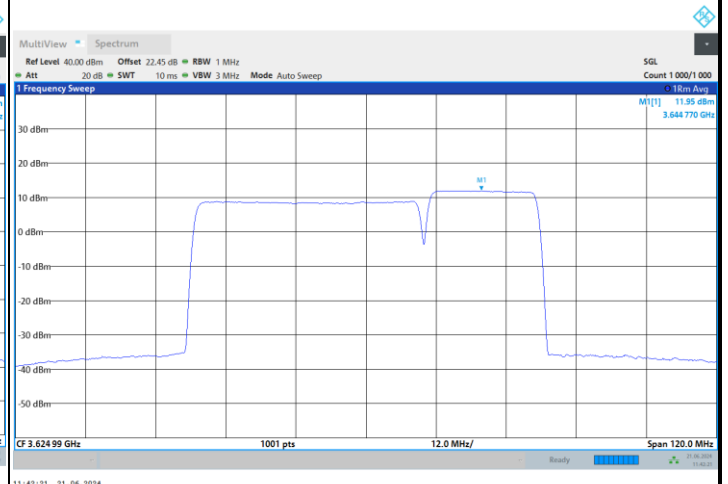


FR1 n48 / 40MHz+20MHz / Middle Channel / PSD

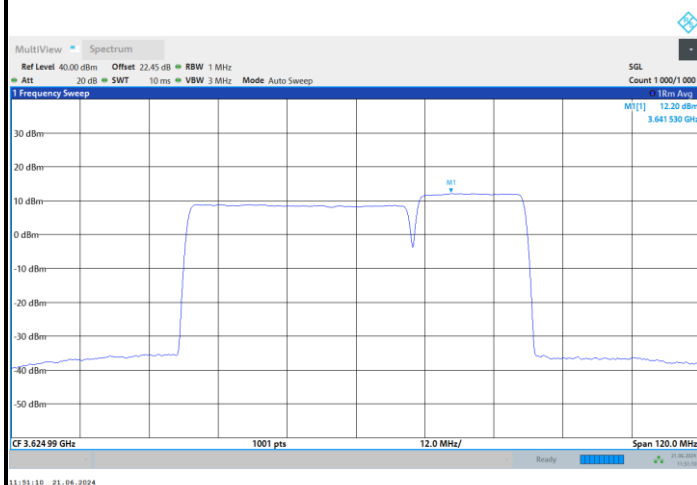
QPSK



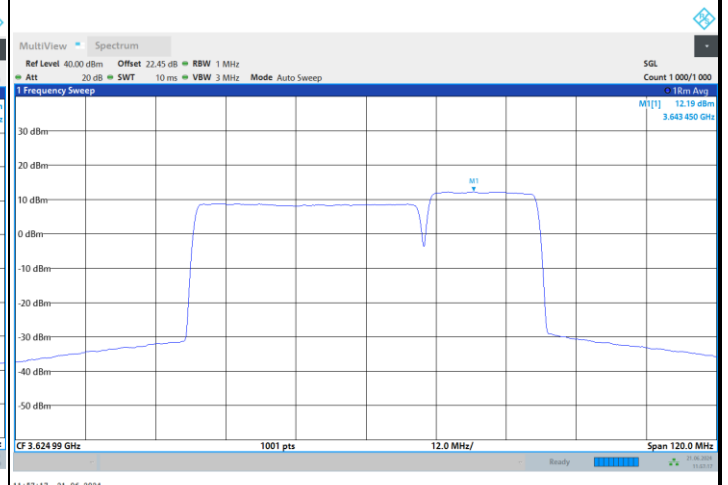
16QAM



64QAM



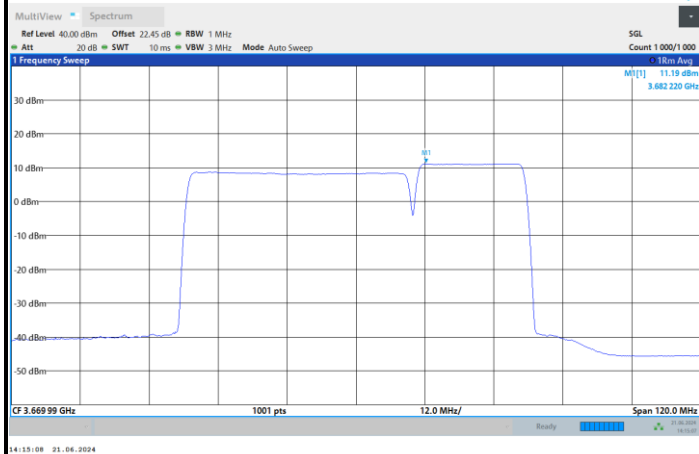
256QAM



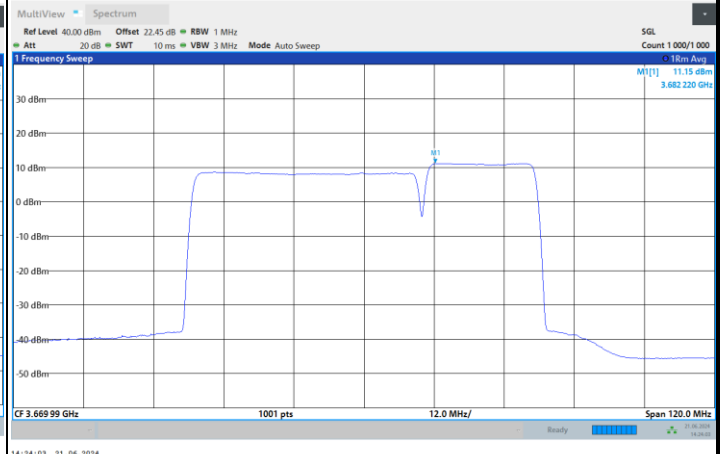


FR1 n48 / 40MHz+20MHz / Highest Channel / PSD

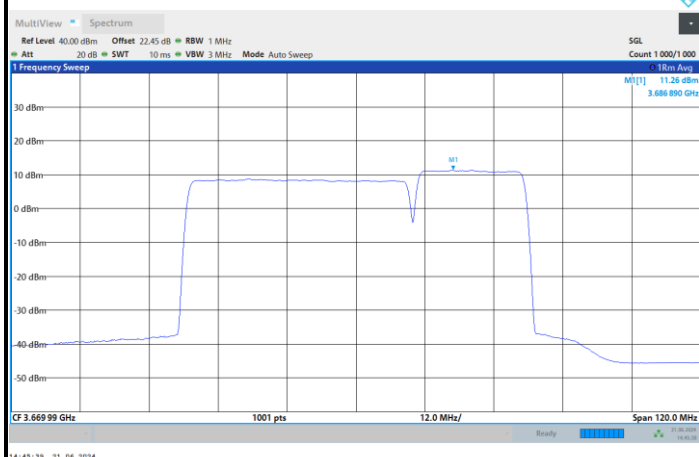
QPSK



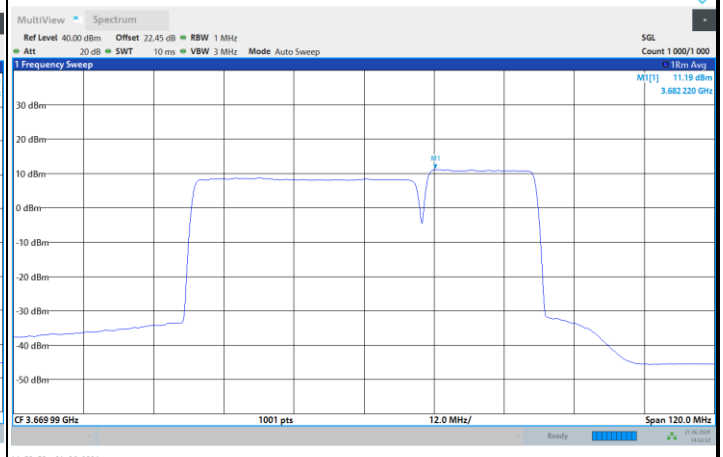
16QAM



64QAM



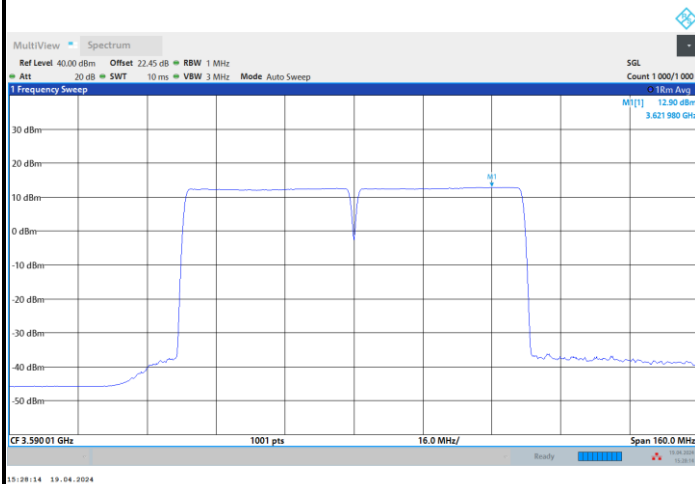
256QAM



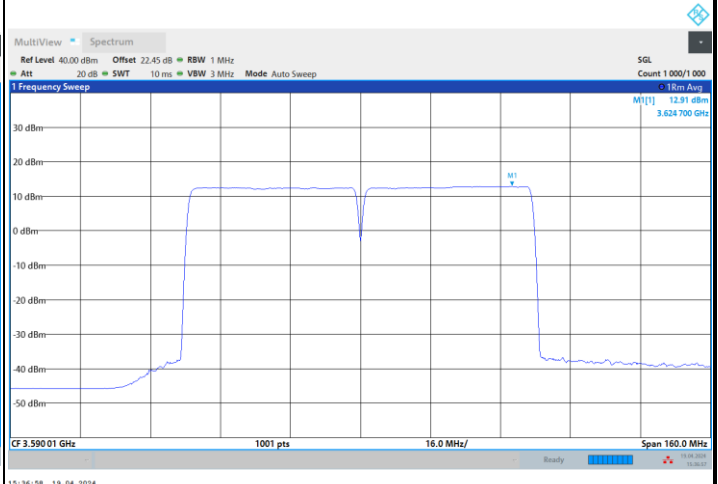


FR1 n48 / 40MHz+40MHz / Lowest Channel / PSD

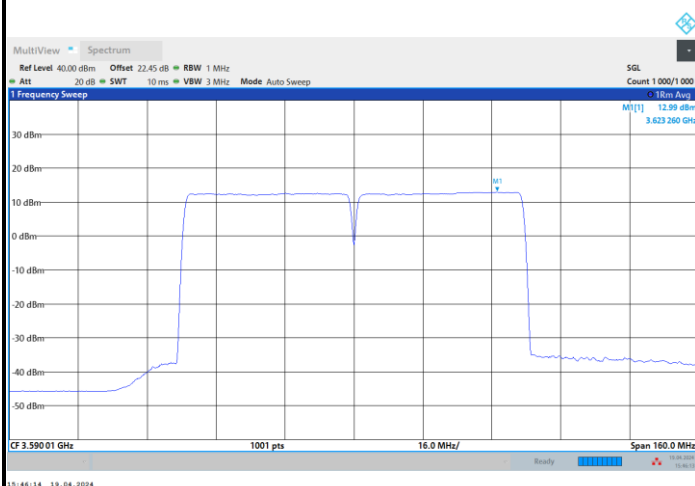
QPSK



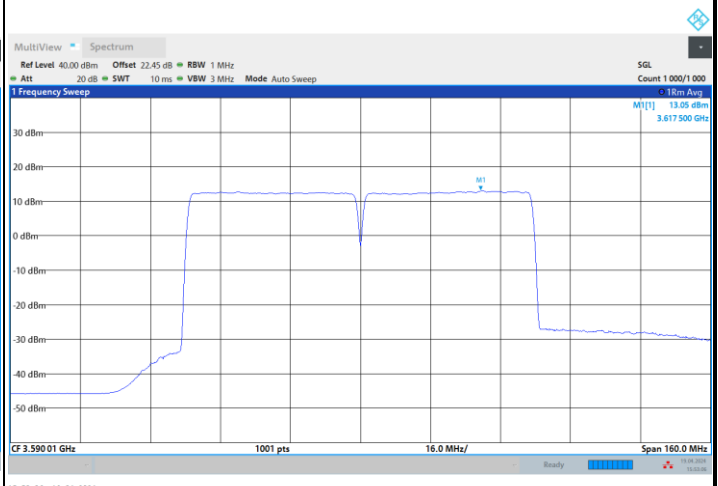
16QAM



64QAM



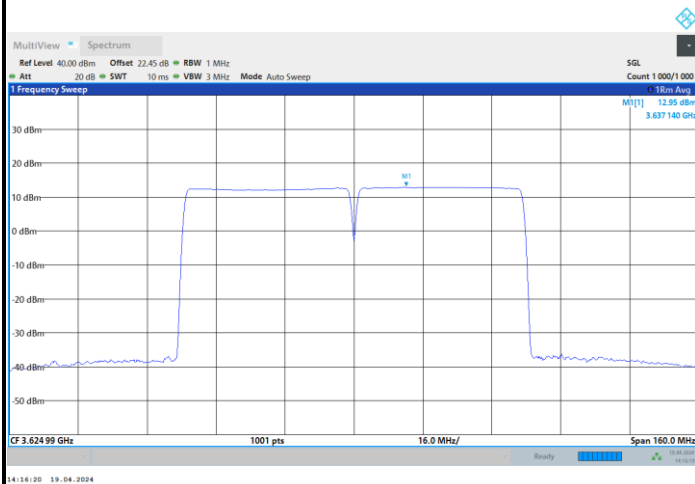
256QAM



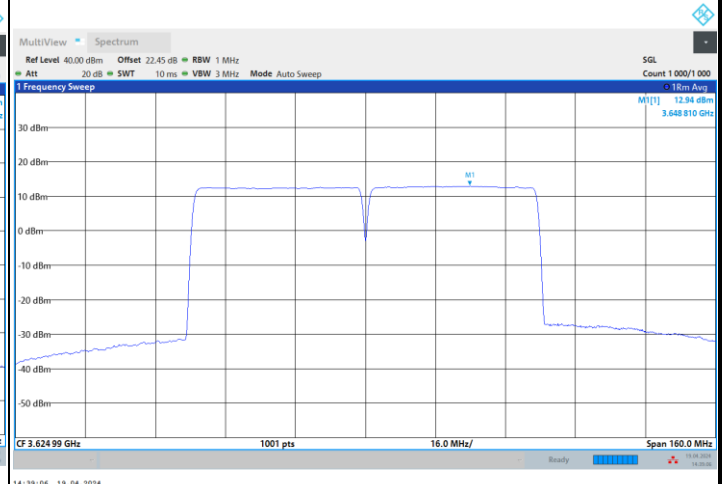


FR1 n48 / 40MHz+40MHz / Middle Channel / PSD

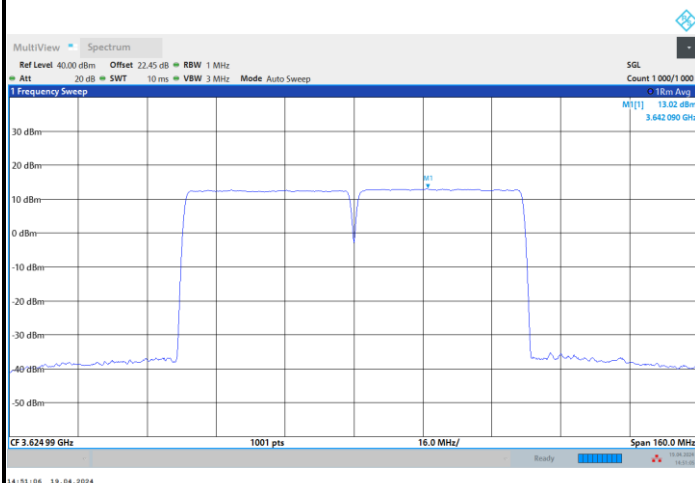
QPSK



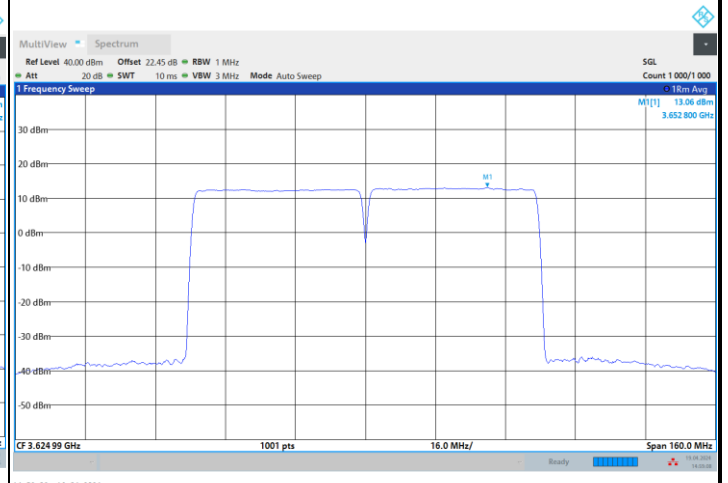
16QAM



64QAM



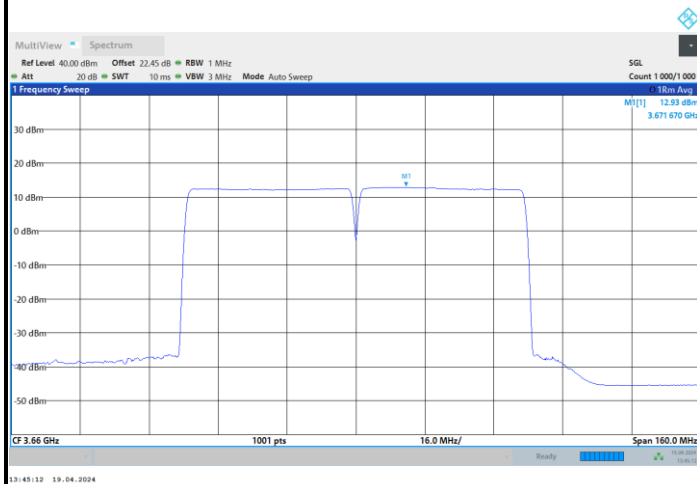
256QAM



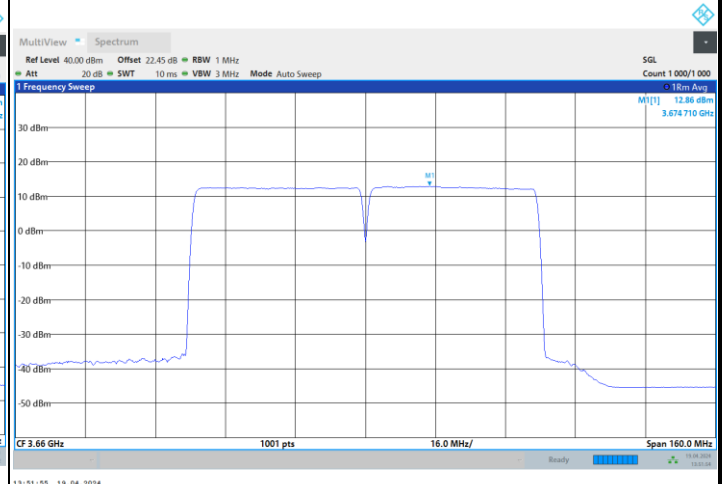


FR1 n48 / 40MHz+40MHz / Highest Channel / PSD

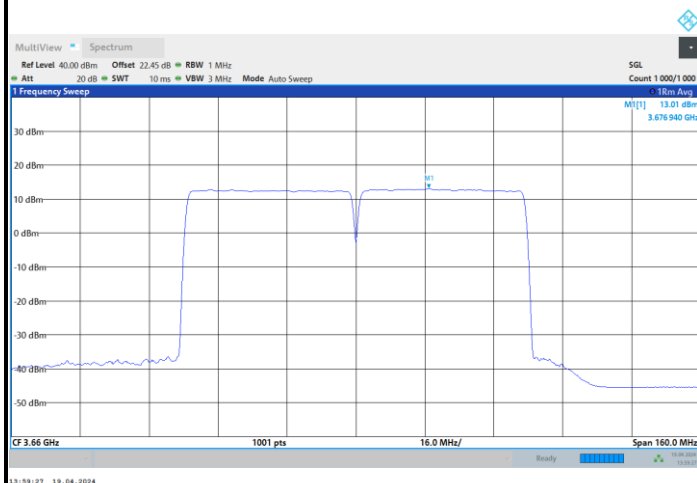
QPSK



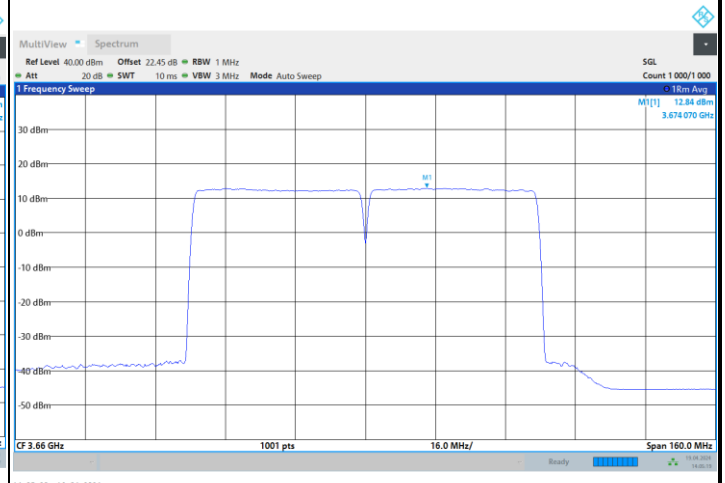
16QAM



64QAM



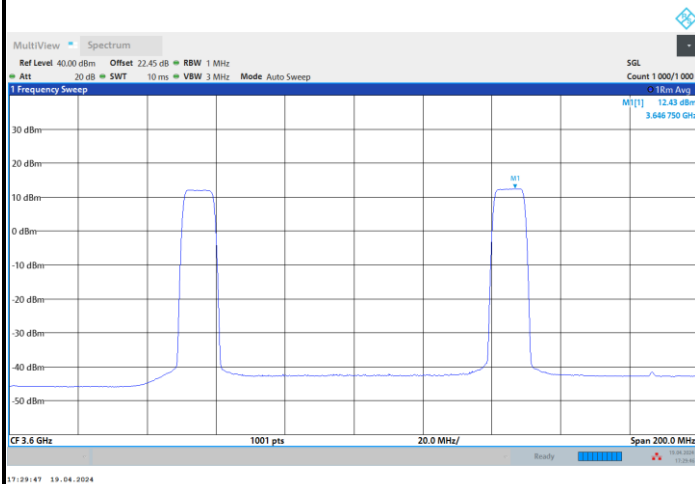
256QAM



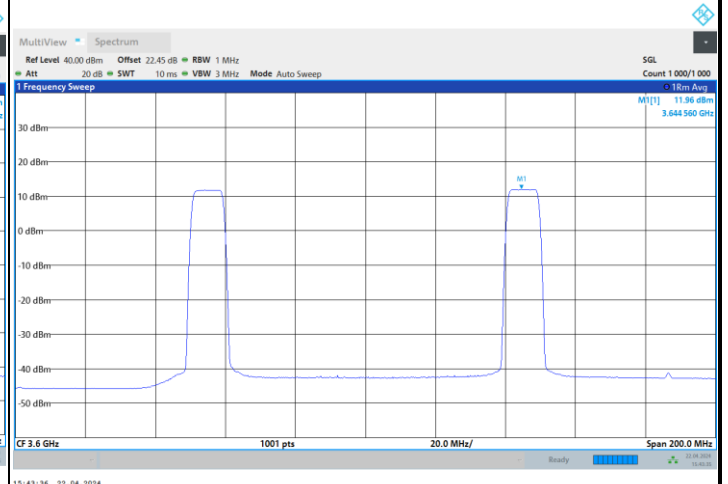


FR1 n48 / 10MHz+10MHz (Non Contiguous) / Lowest Channel / PSD

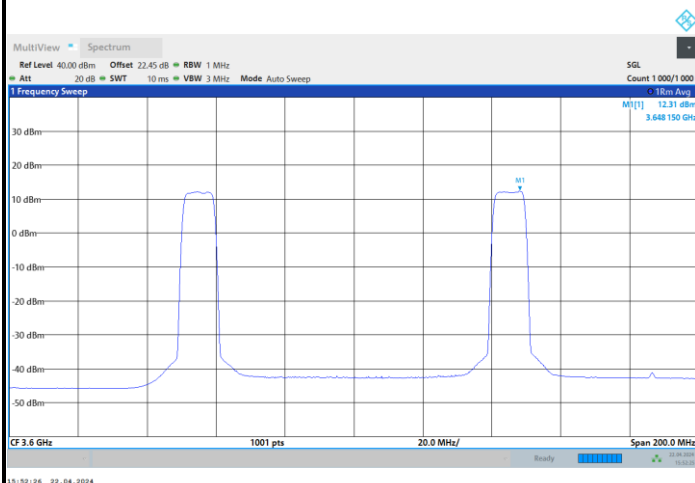
QPSK



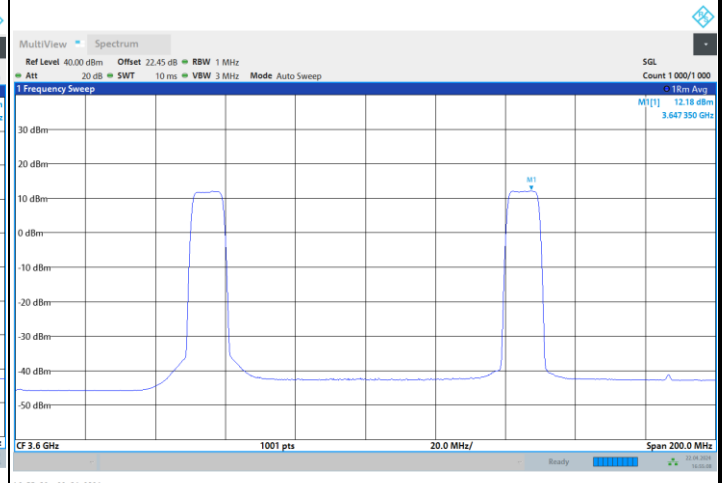
16QAM



64QAM



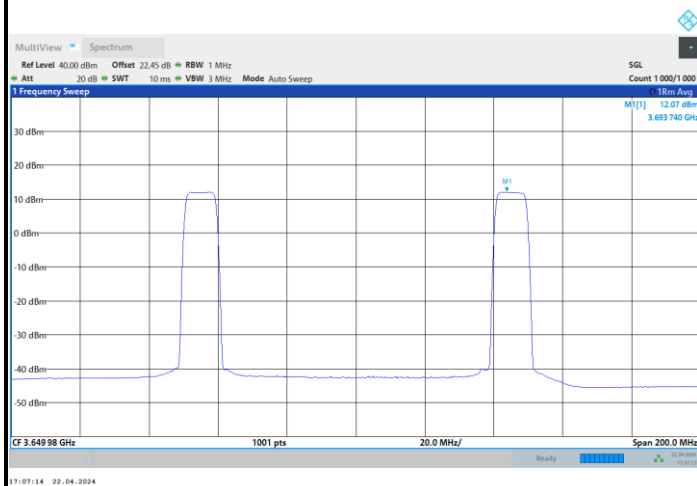
256QAM



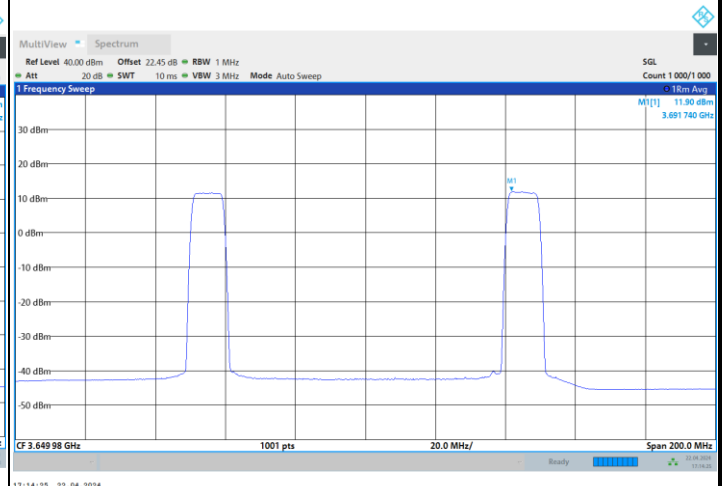


FR1 n48 / 10MHz+10MHz (Non Contiguous) / Highest Channel / PSD

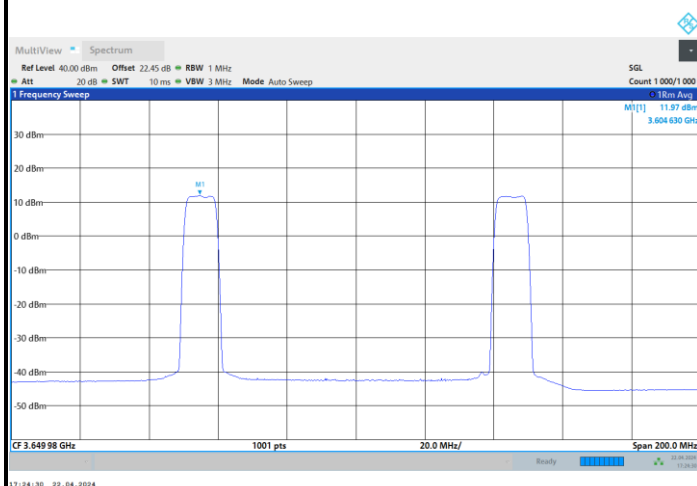
QPSK



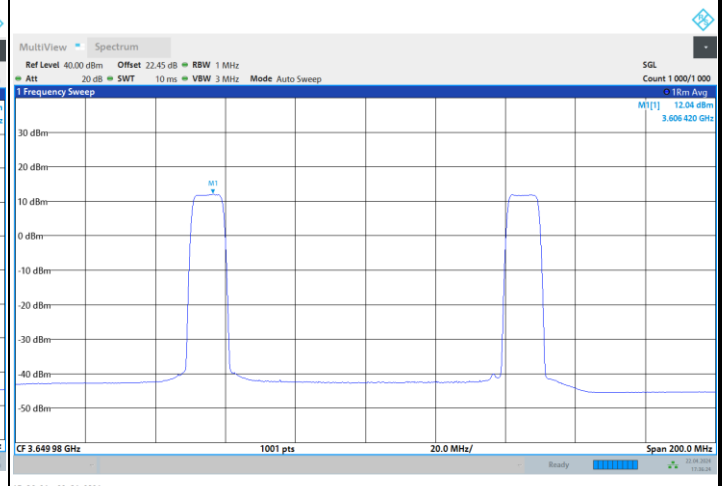
16QAM



64QAM



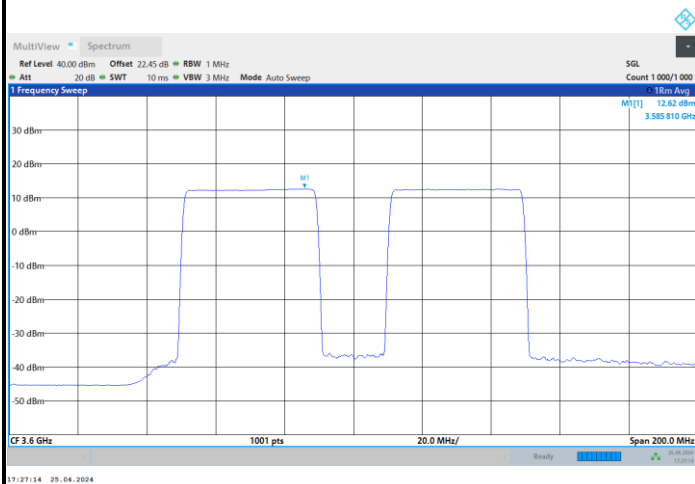
256QAM



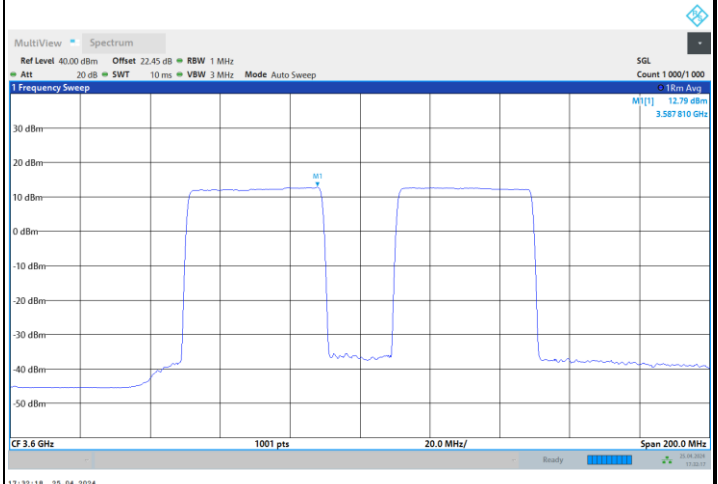


FR1 n48 / 40MHz+40MHz (Non Contiguous) / Lowest Channel / PSD

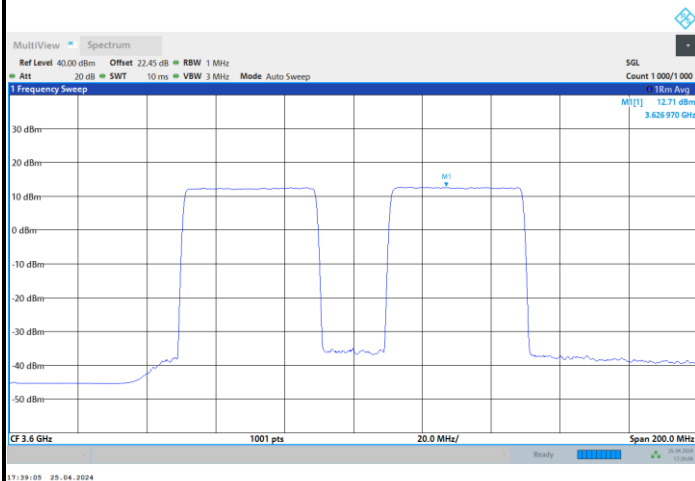
QPSK



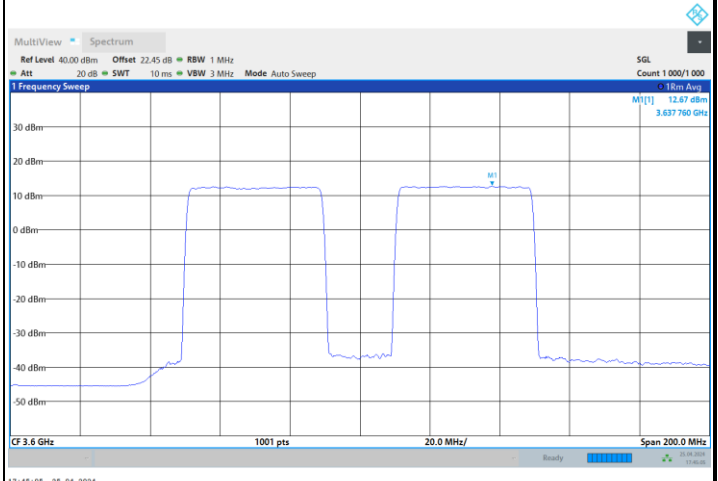
16QAM



64QAM

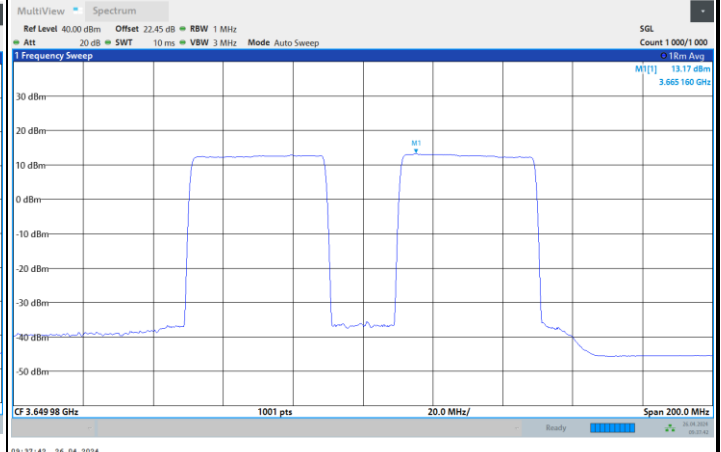


256QAM

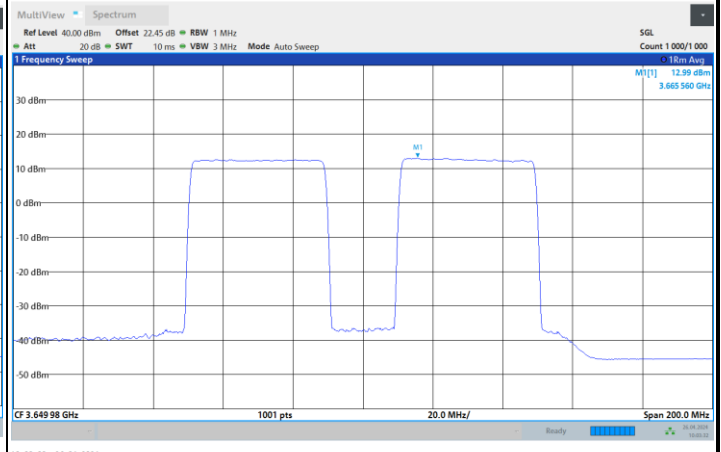




16QAM



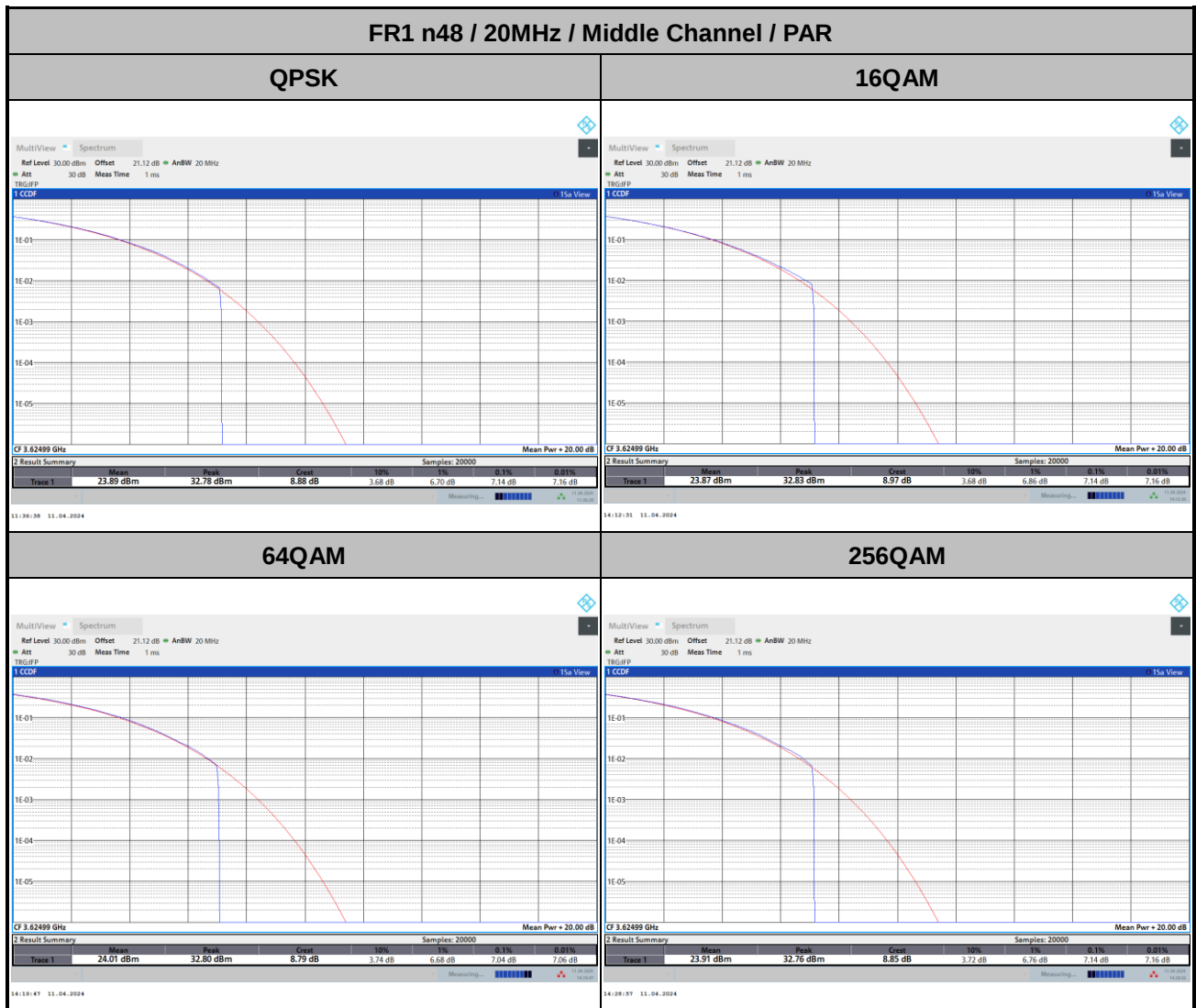
256QAM





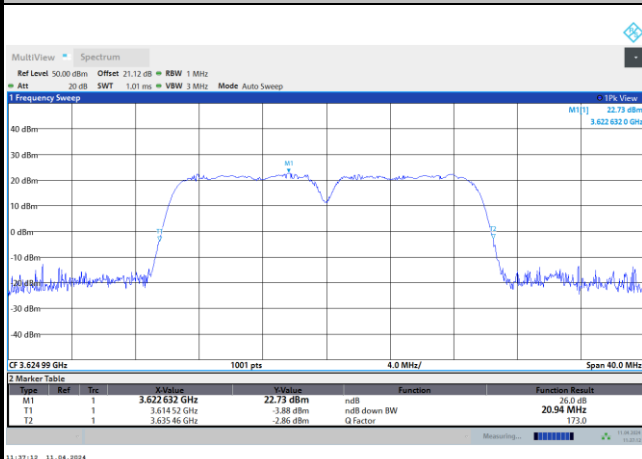
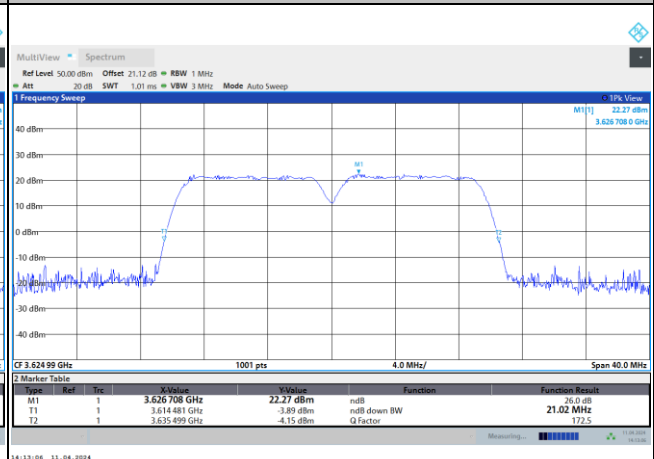
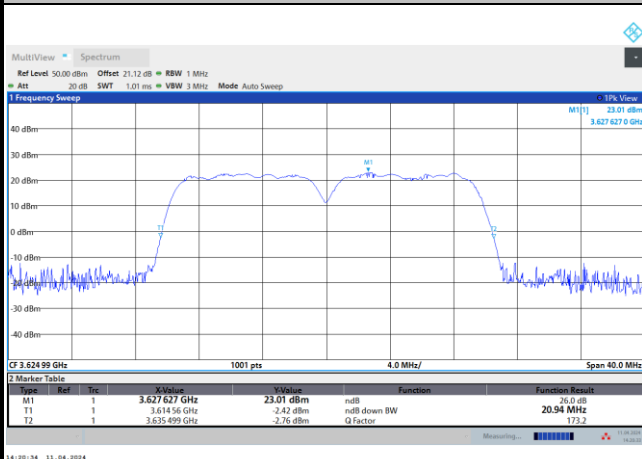
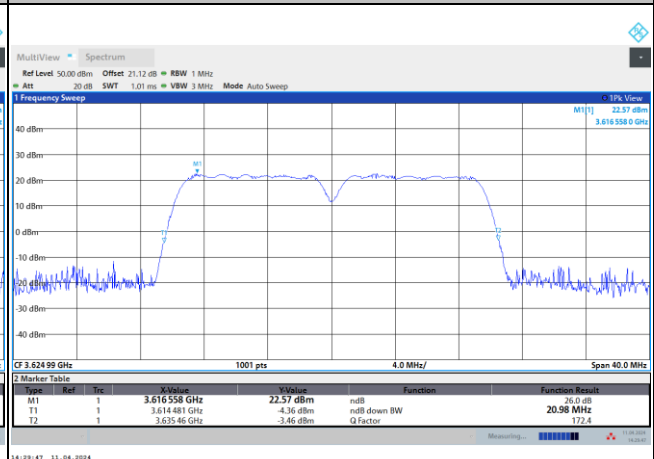
Peak-to-Average Ratio

Mode	FR1 n48 / 20MHz / PAR (dB)				Limit: 13dB
Mod.	QPSK	16QAM	64QAM	256QAM	Result
Middle CH	7.14	7.14	7.04	7.14	PASS



**26dB Bandwidth**

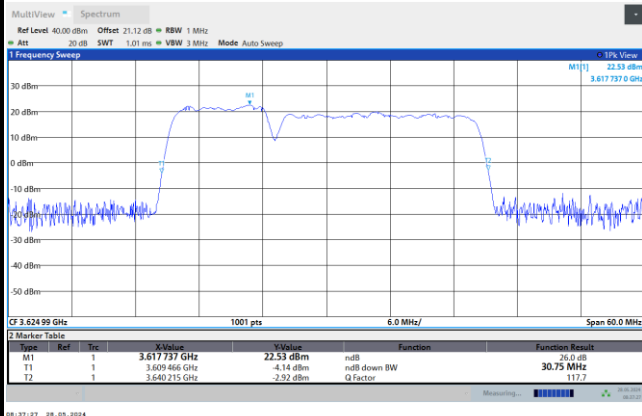
Mode	FR1 n48 : 26dB BW(MHz)							
BW	10MHz+10MHz		10MHz+20MHz		10MHz+40MHz		20MHz+10MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	20.94	21.02	30.75	30.75	50.65	50.55	30.87	30.69
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	20.94	20.98	30.81	30.81	50.75	50.65	30.75	30.69
BW	20MHz+20MHz		20MHz+40MHz		40MHz+10MHz		40MHz+20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	40.76	40.92	60.78	60.66	50.65	50.55	60.54	60.54
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	40.68	40.84	60.66	60.78	50.55	50.65	60.42	60.66
BW	40MHz+40MHz							
Mod.	QPSK	16QAM						
Middle CH	80.56	80.56						
Mod.	64QAM	256QAM						
Middle CH	80.72	80.72						

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

16QAM

64QAM

256QAM


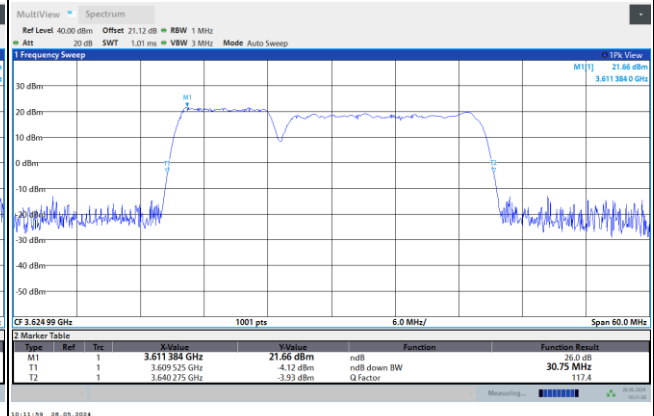


FR1 n48 / 10MHz+20MHz / Middle Channel / 26dB BW

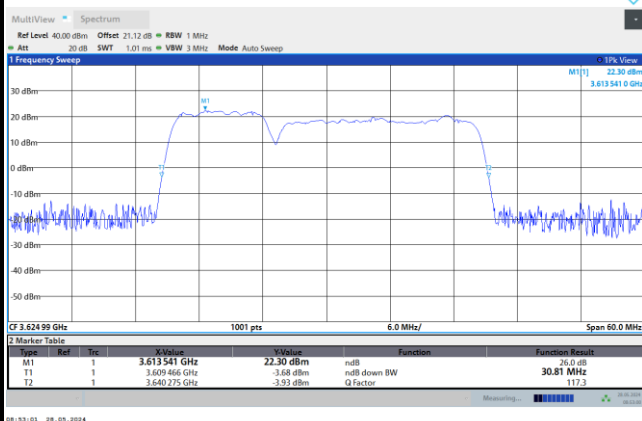
QPSK



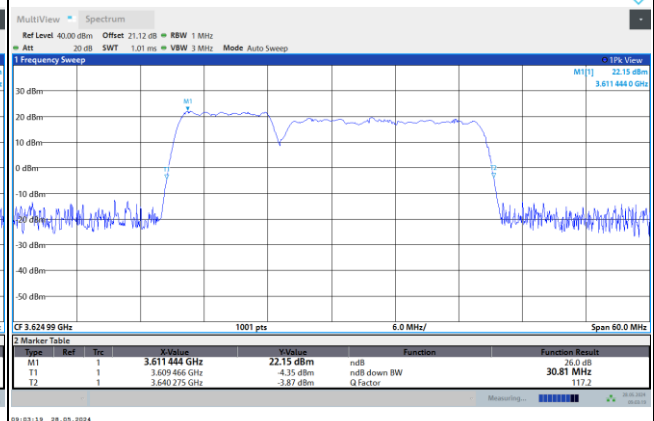
16QAM



64QAM



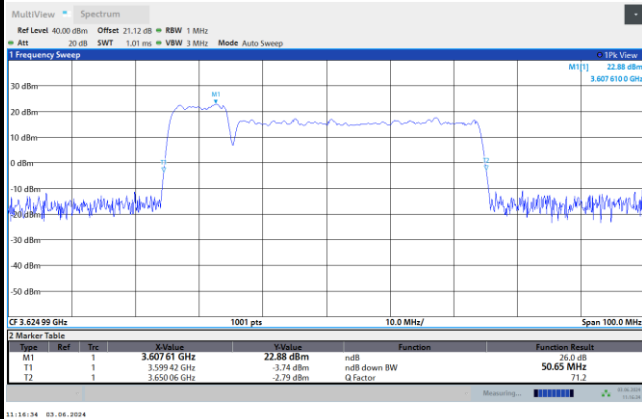
256QAM



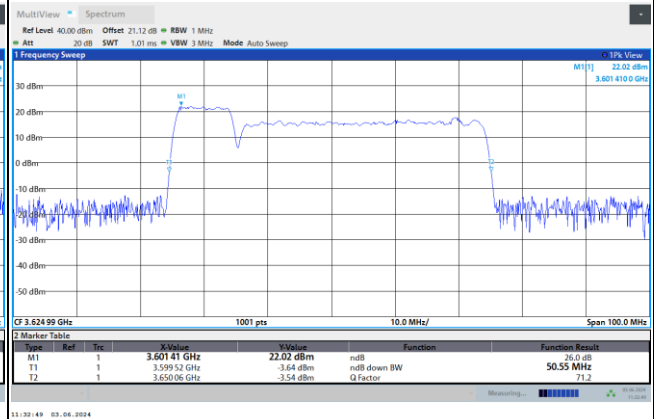


FR1 n48 / 10MHz+40MHz / Middle Channel / 26dB BW

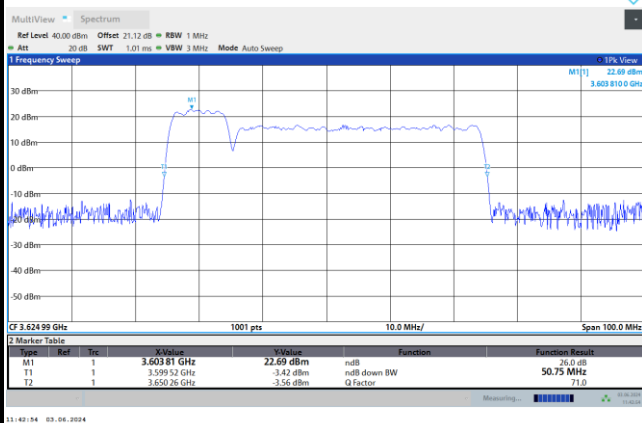
QPSK



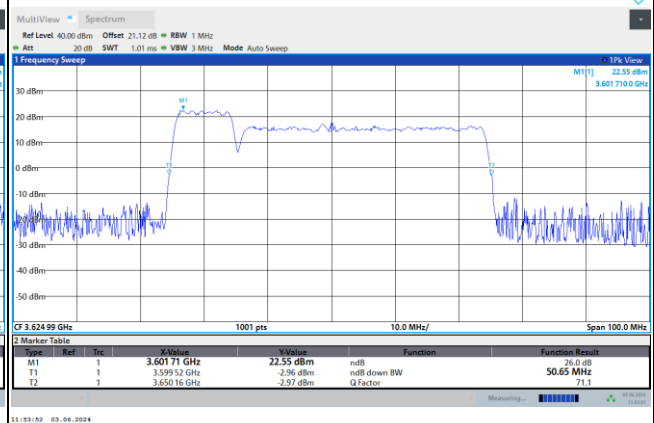
16QAM



64QAM

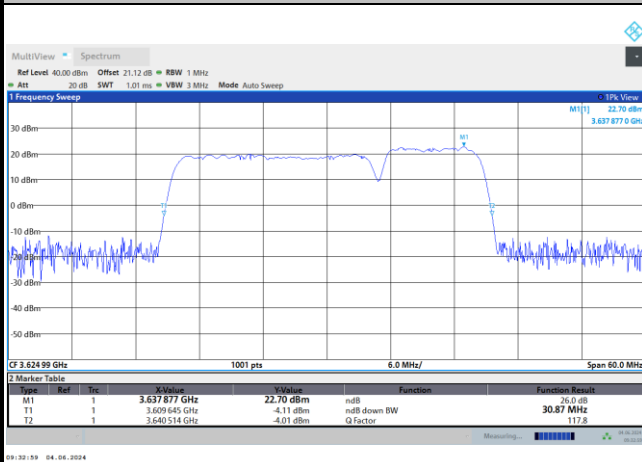


256QAM

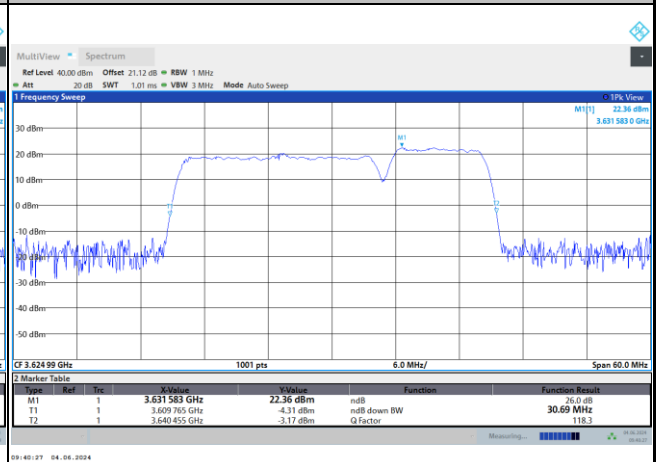


FR1 n48 / 20MHz+10MHz / Middle Channel / 26dB BW

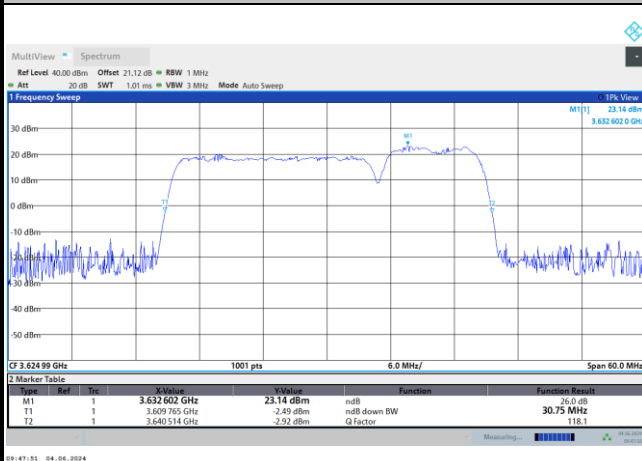
QPSK



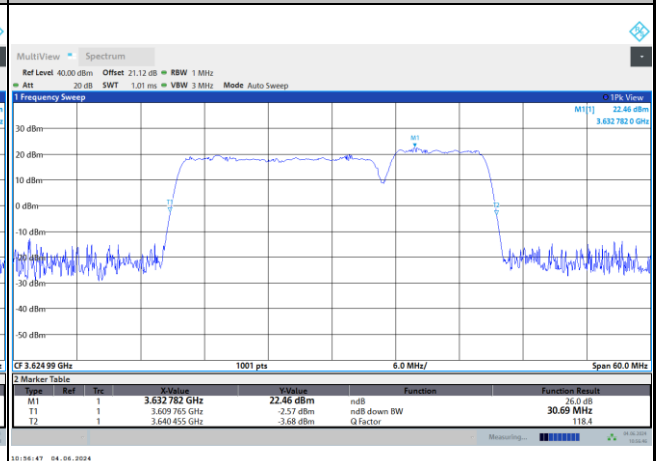
16QAM



64QAM



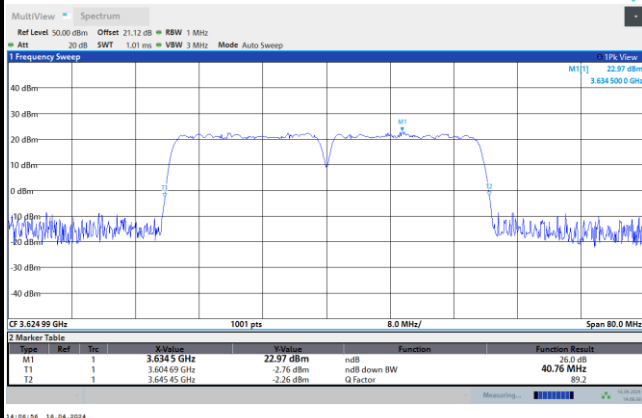
256QAM



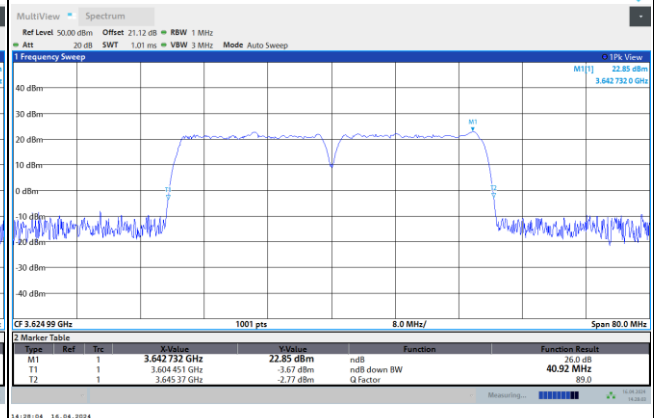


FR1 n48 / 20MHz+20MHz / Middle Channel / 26dB BW

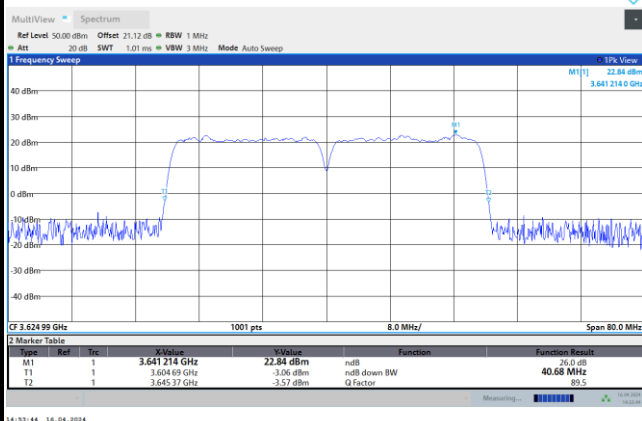
QPSK



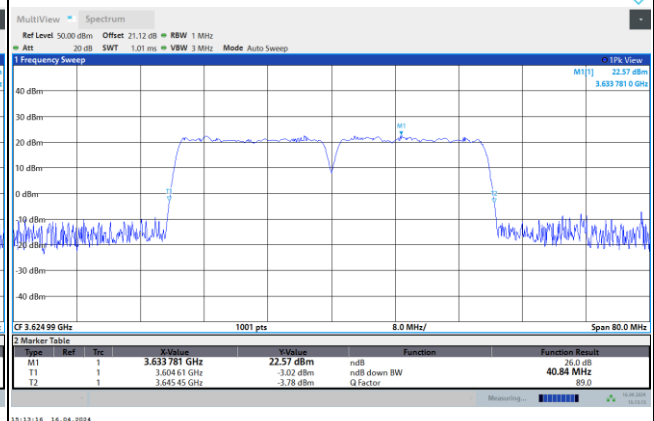
16QAM



64QAM



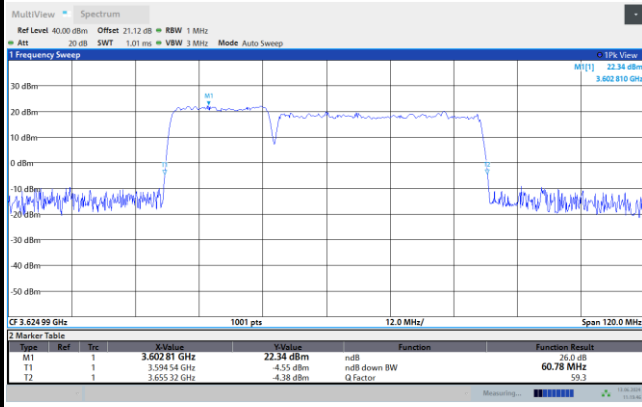
256QAM



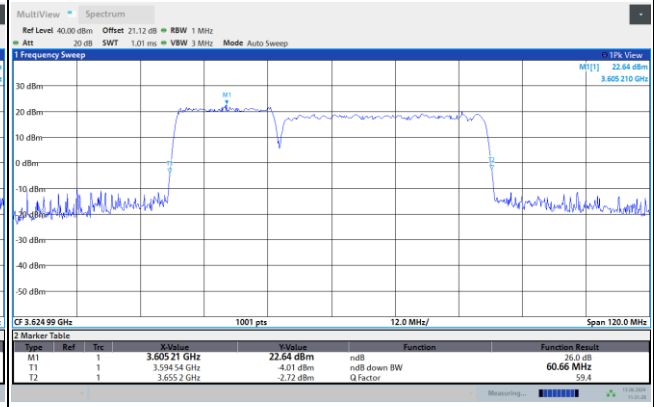


FR1 n48 / 20MHz+40MHz / Middle Channel / 26dB BW

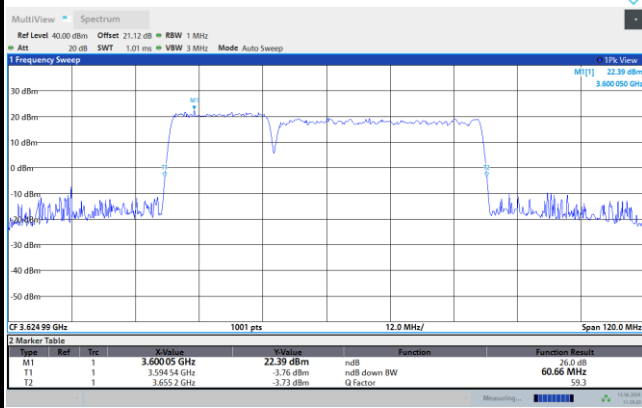
QPSK



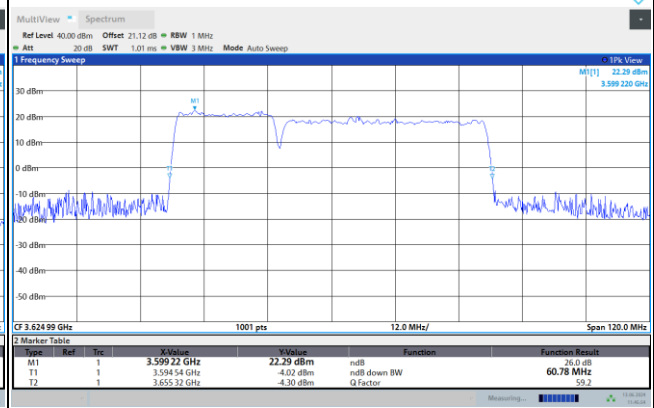
16QAM



64QAM



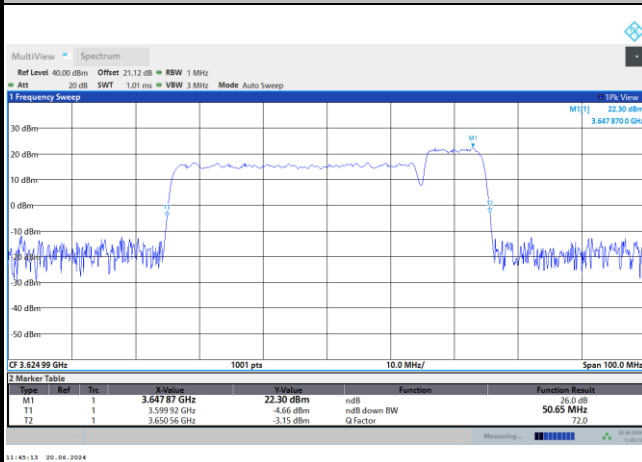
256QAM



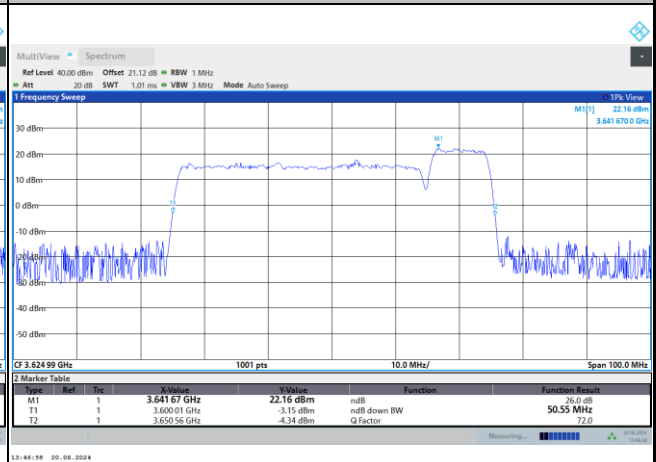


FR1 n48 / 40MHz+10MHz / Middle Channel / 26dB BW

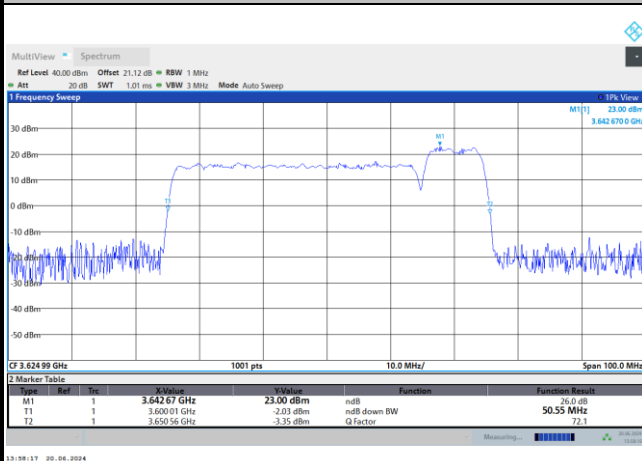
QPSK



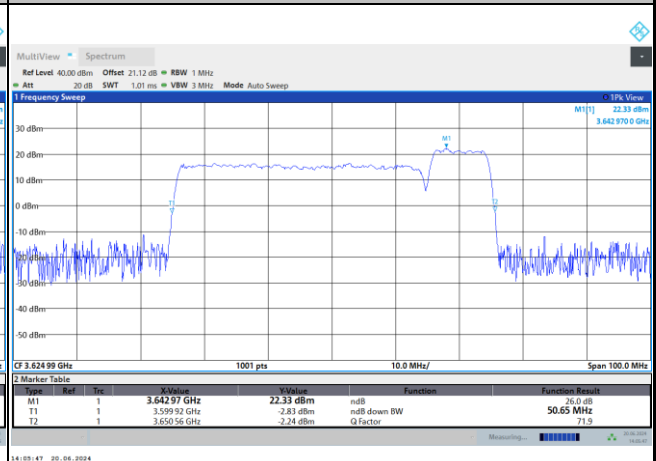
16QAM



64QAM



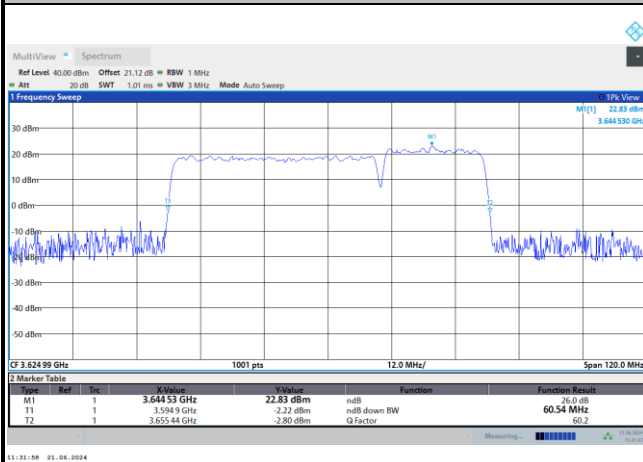
256QAM



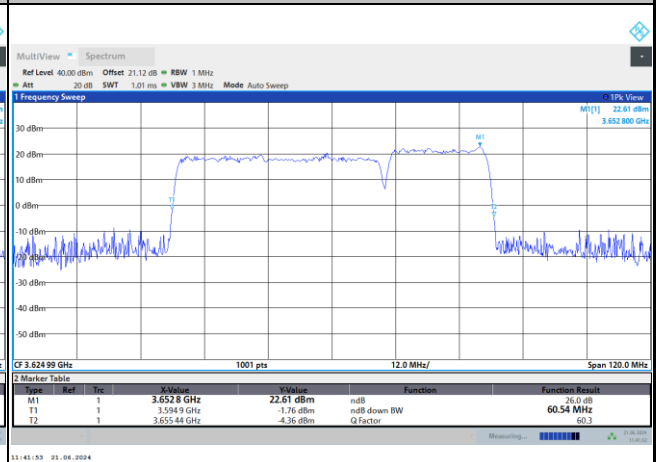


FR1 n48 / 40MHz+20MHz / Middle Channel / 26dB BW

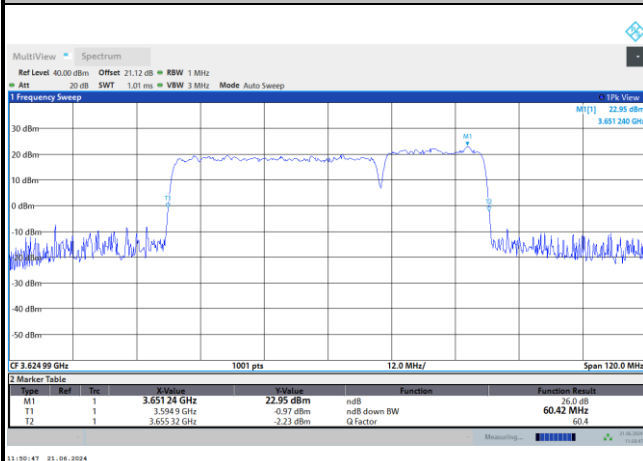
QPSK



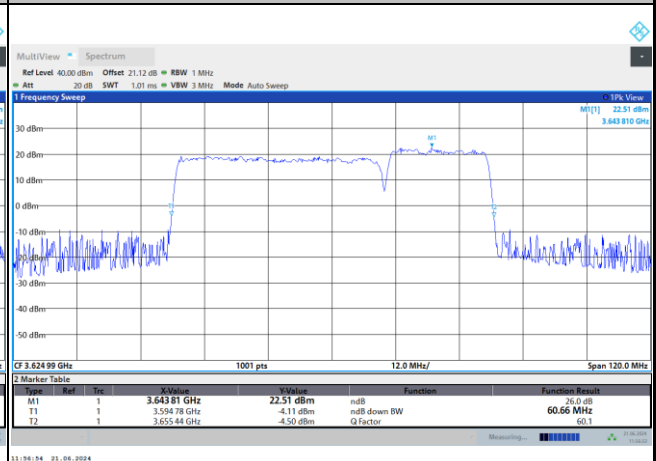
16QAM



64QAM



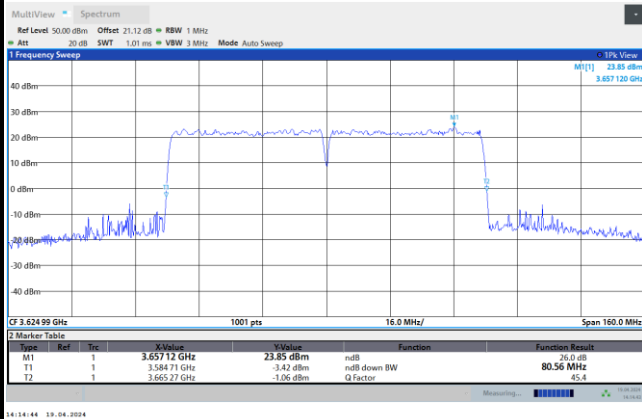
256QAM



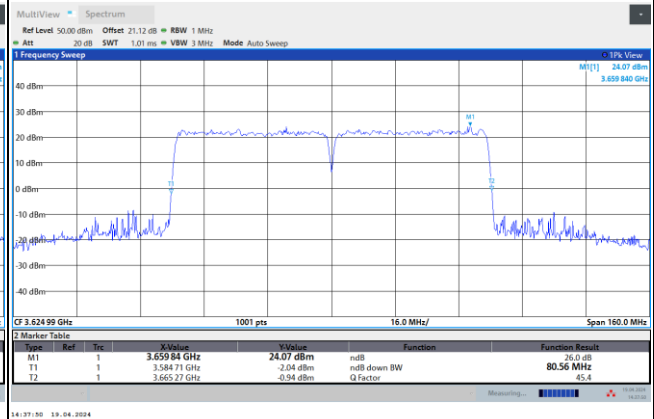


FR1 n48 / 40MHz+40MHz / Middle Channel / 26dB BW

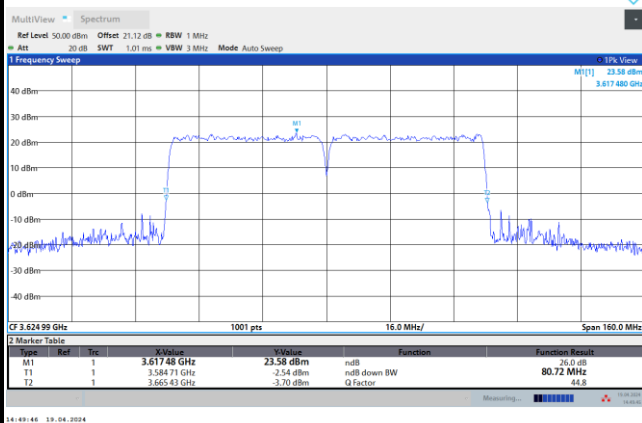
QPSK



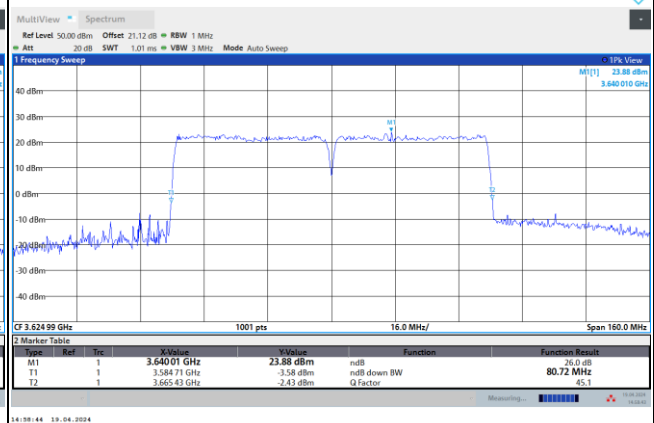
16QAM



64QAM



256QAM



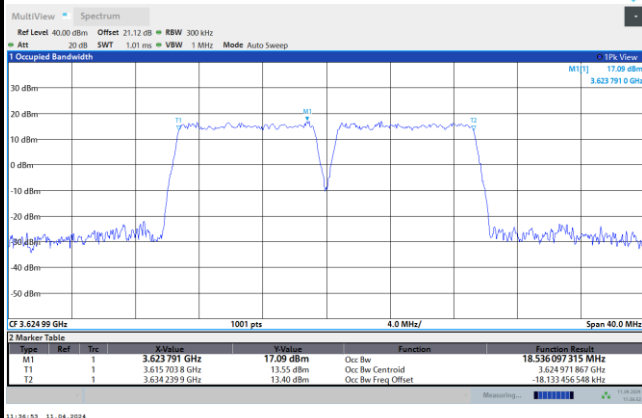
**Occupied Bandwidth**

Mode	FR1 n48 : 99%OBW (MHz)							
BW	10MHz+10MHz		10MHz+20MHz		10MHz+40MHz		20MHz+10MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	18.53	18.56	28.61	28.57	48.30	48.22	28.63	28.56
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	18.55	18.51	28.62	28.64	48.42	48.29	28.62	28.68
BW	20MHz+20MHz		20MHz+40MHz		40MHz+10MHz		40MHz+20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	38.27	38.23	57.89	57.80	48.29	48.23	57.93	57.82
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	38.28	38.37	58.02	57.98	48.21	48.40	57.86	57.98
BW	40MHz+40MHz							
Mod.	QPSK	16QAM						
Middle CH	77.43	77.38						
Mod.	64QAM	256QAM						
Middle CH	77.67	77.65						

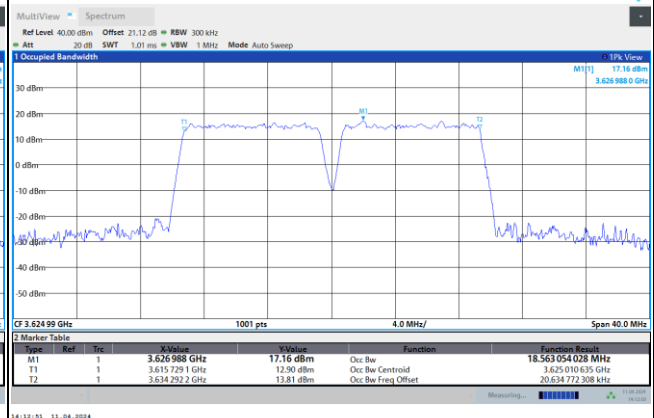


FR1 n48 / 10MHz+10MHz / Middle Channel / 99%OBW

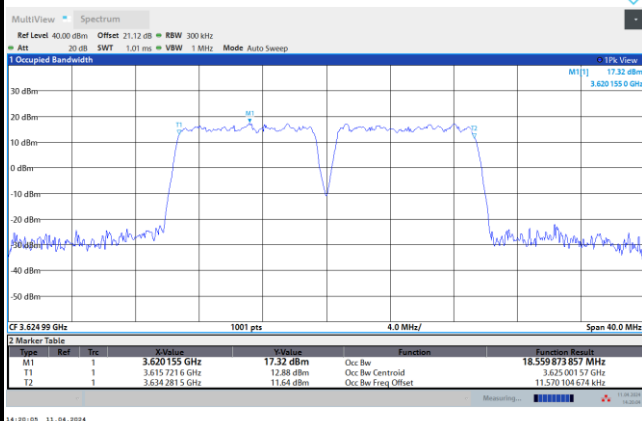
QPSK



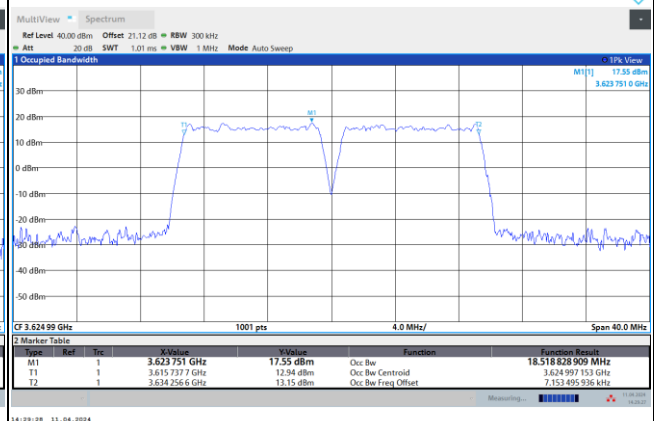
16QAM



64QAM



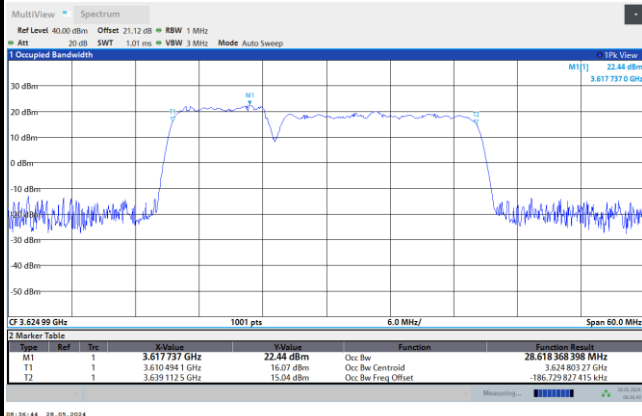
256QAM



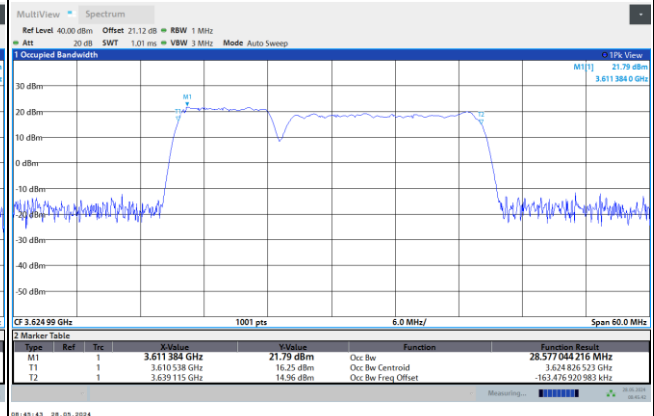


FR1 n48 / 10MHz+20MHz / Middle Channel / 99%OBW

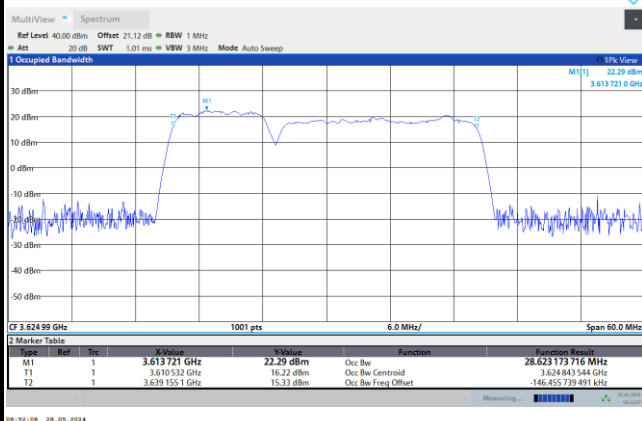
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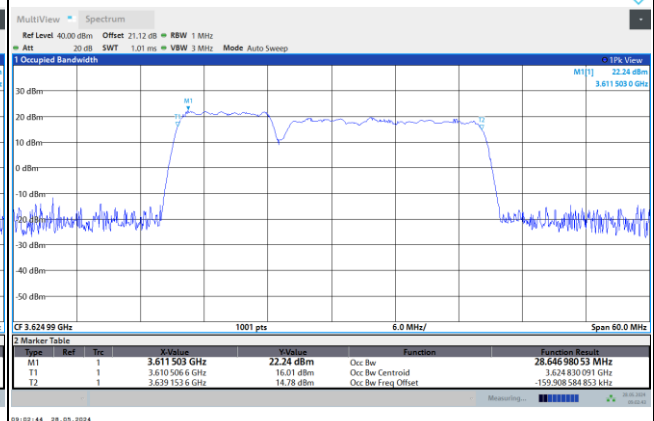
16QAM



64QAM



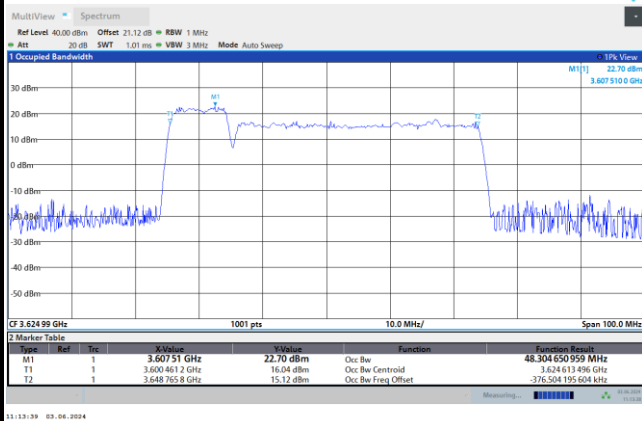
256QAM



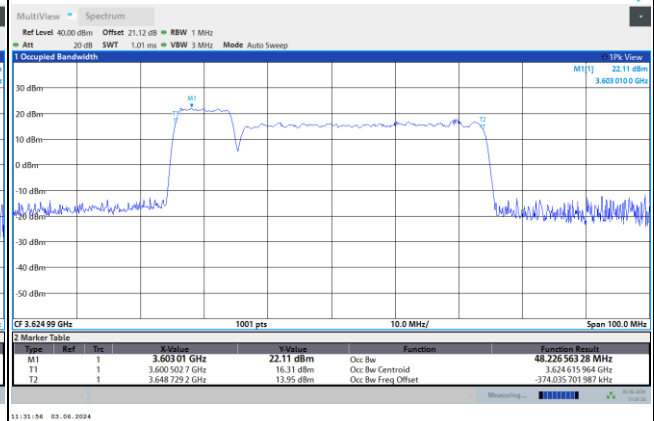


FR1 n48 / 10MHz+40MHz / Middle Channel / 99%OBW

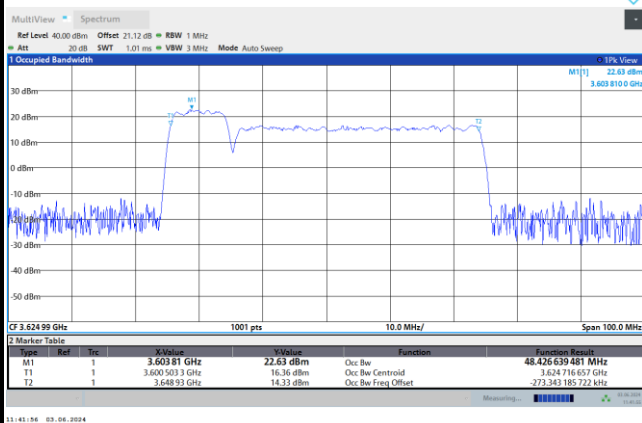
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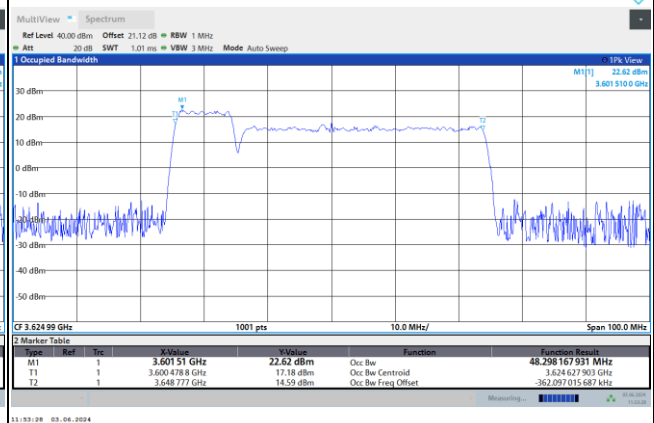
16QAM



64QAM



256QAM

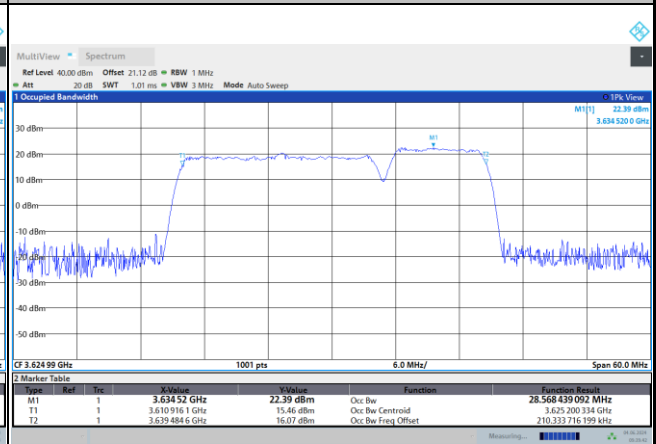


FR1 n48 / 20MHz+10MHz / Middle Channel / 99%OBW

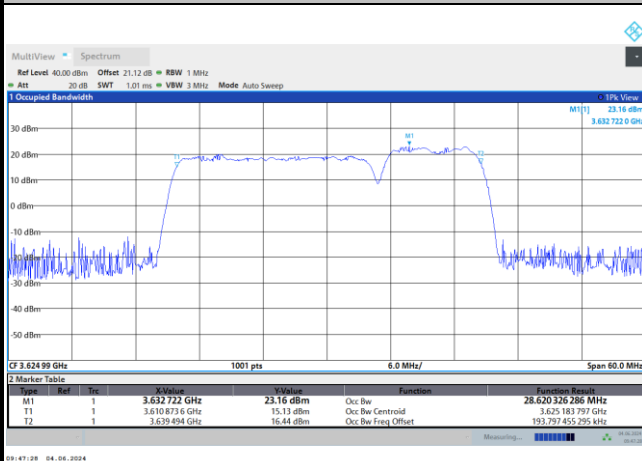
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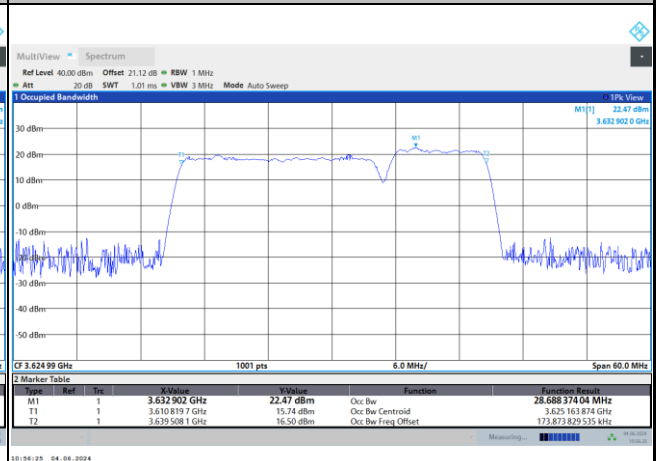
16QAM



64QAM



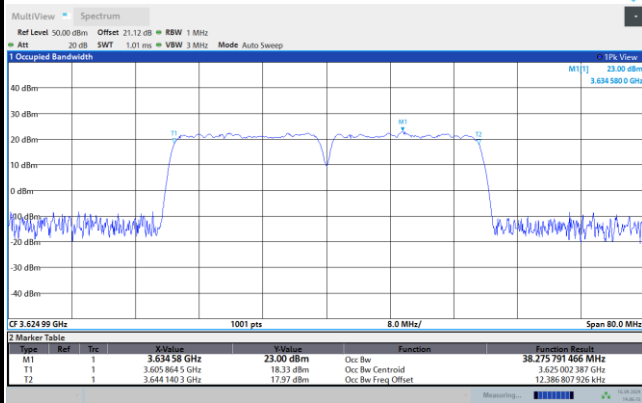
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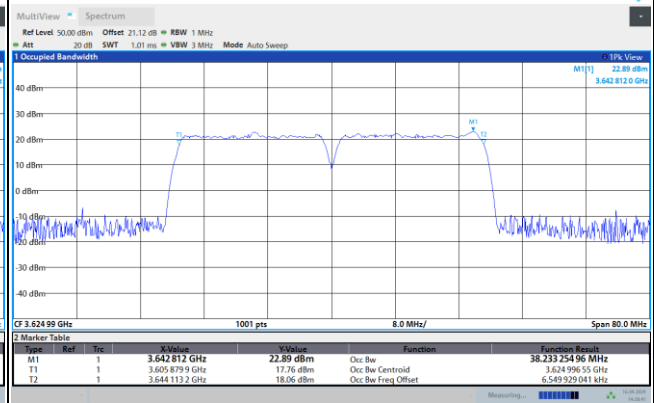


FR1 n48 / 20MHz+20MHz / Middle Channel / 99%OBW

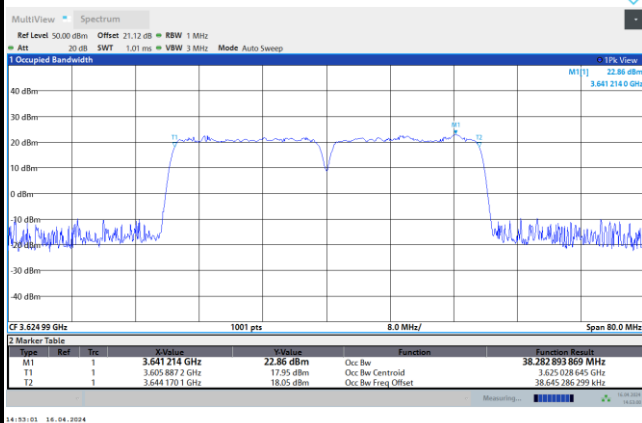
QPSK



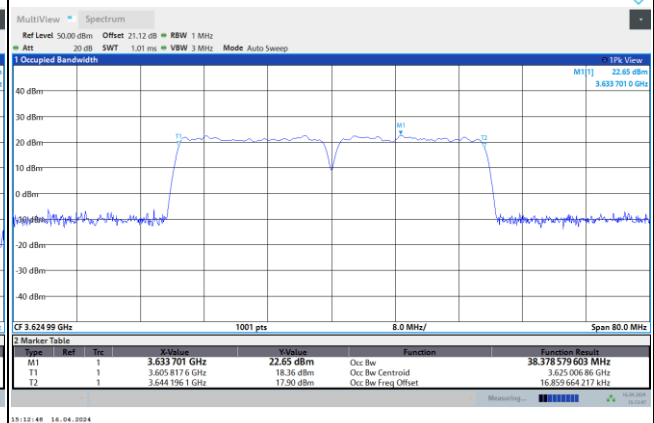
16QAM



64QAM



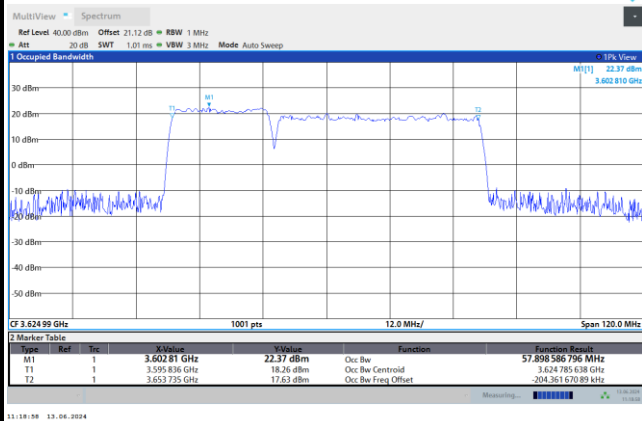
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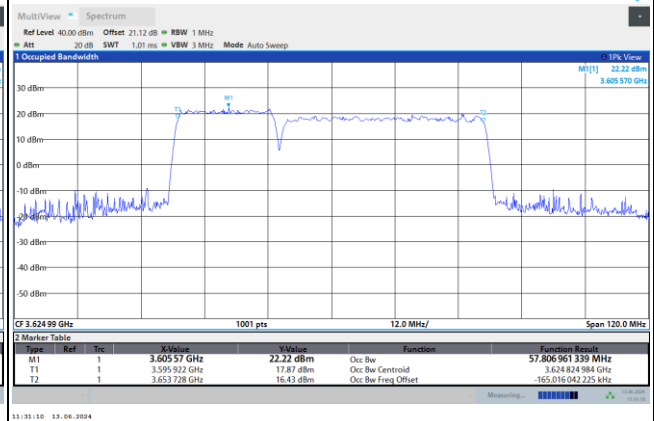


FR1 n48 / 20MHz+40MHz / Middle Channel / 99%OBW

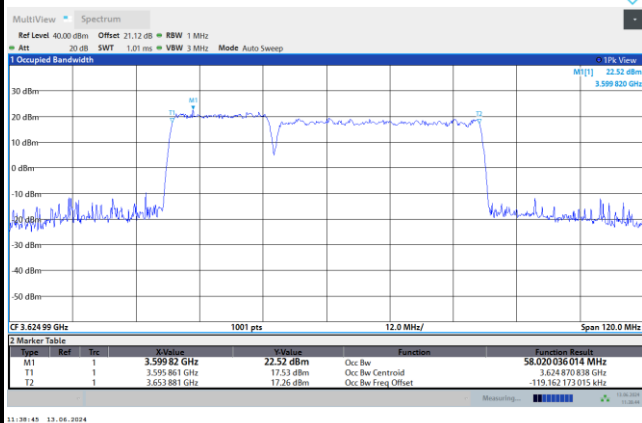
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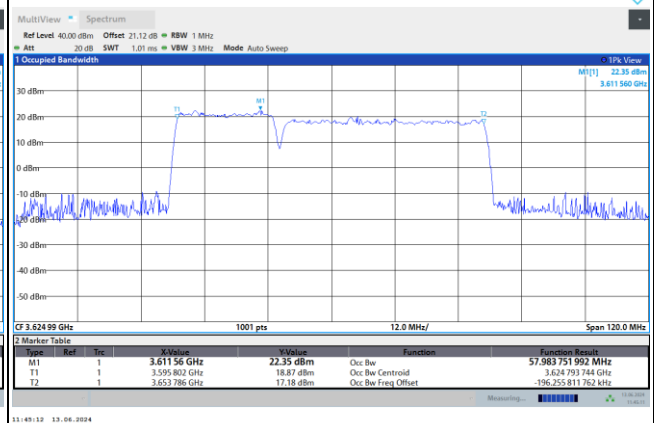
16QAM



64QAM



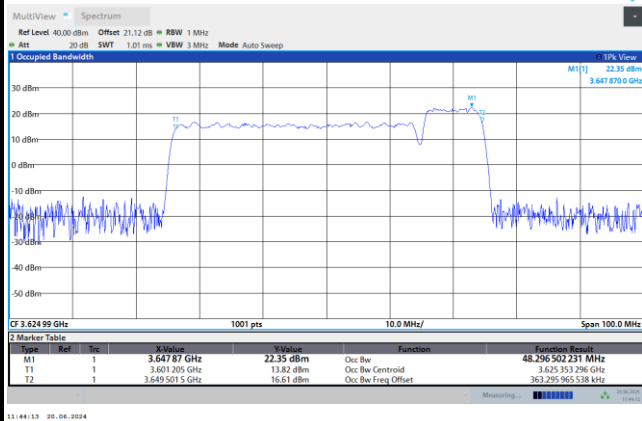
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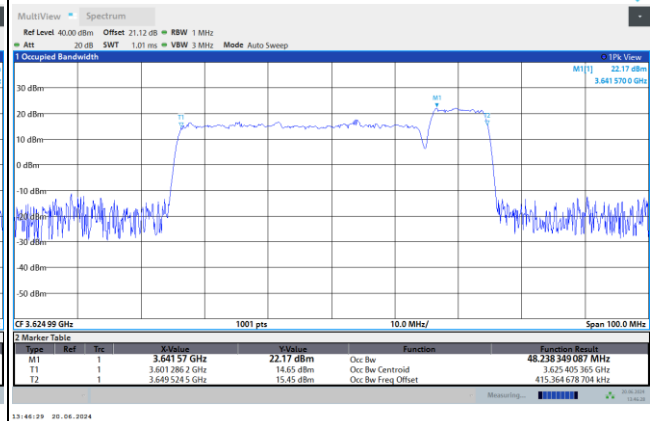


FR1 n48 / 40MHz+10MHz / Middle Channel / 99%OBW

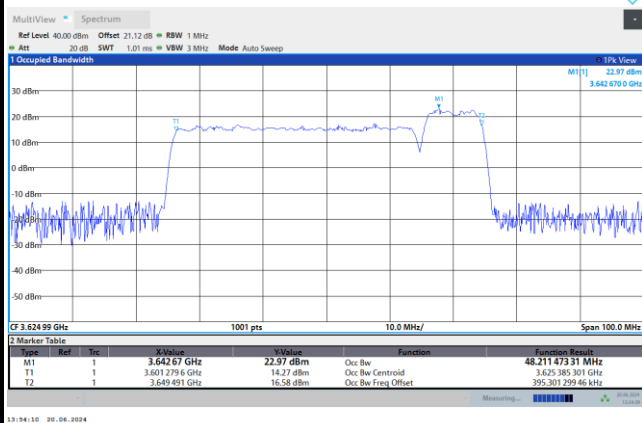
QPSK



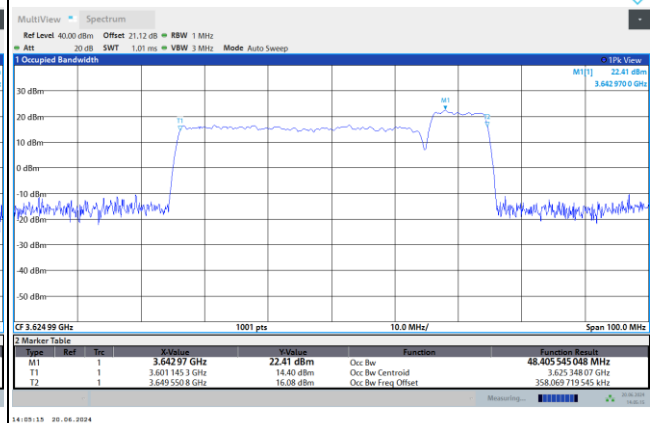
16QAM



64QAM



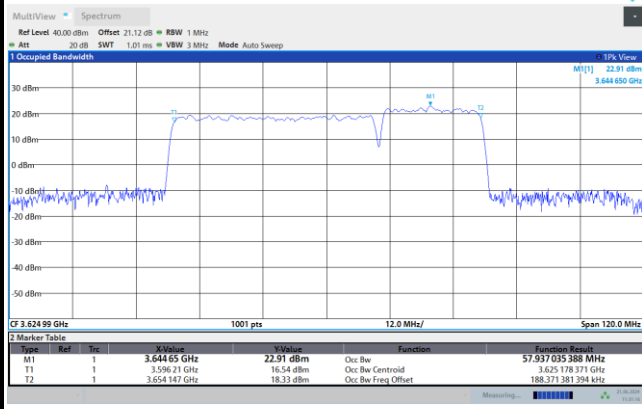
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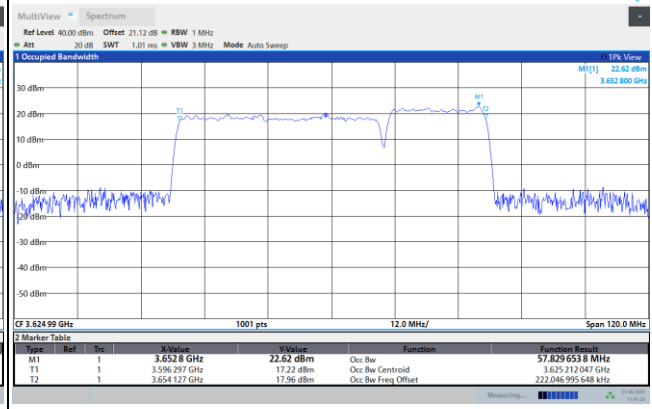


FR1 n48 / 40MHz+20MHz / Middle Channel / 99%OBW

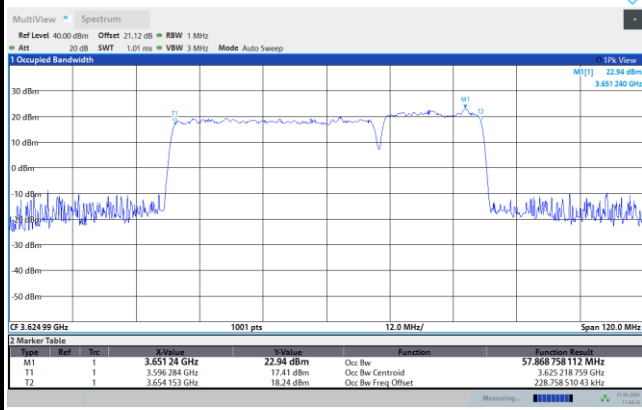
QPSK



16QAM



64QAM



256QAM

