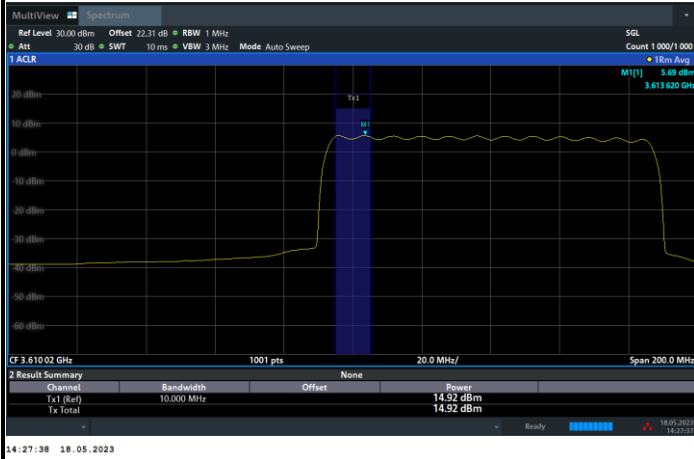


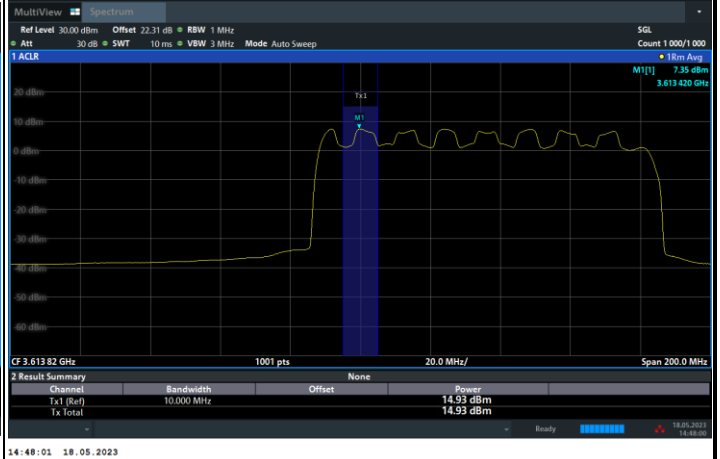


FR1 n48 / 100MHz / Highest Channel / Conducted (dBm/10MHz)

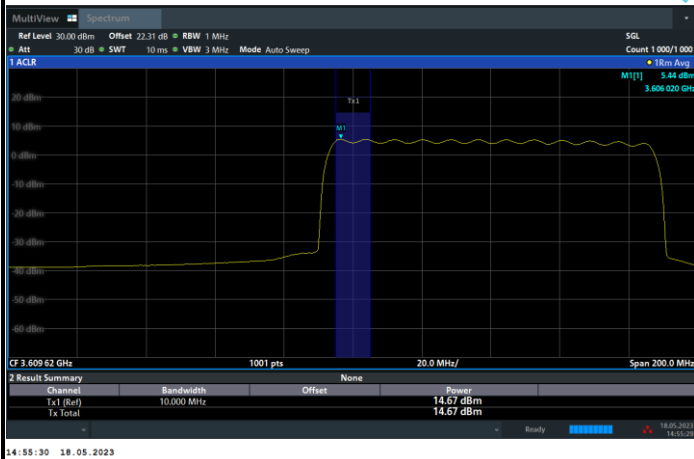
QPSK



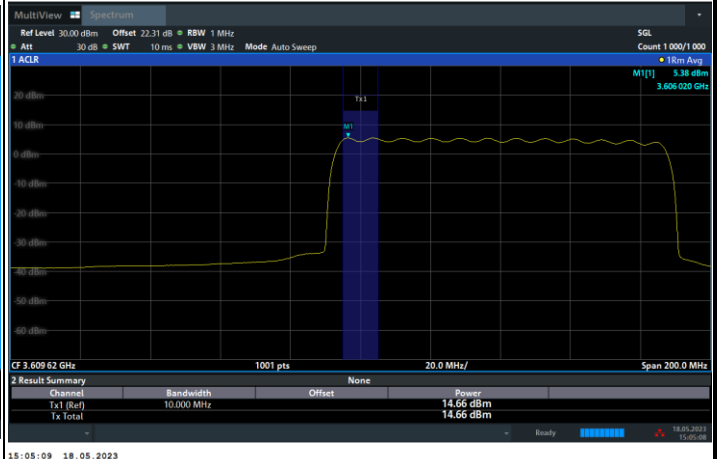
16QAM



64QAM



256QAM



Power Spectral Density

Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Lowest Channel							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	8.50	8.36	8.53	8.55	8.05	8.48	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	8.28	8.53	8.19	8.40	8.10	8.07	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	-	-	5.25	7.04
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	-	-	-	-	-	-	5.23	5.14

Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Lowest Channel							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	19.82	19.68	19.85	19.87	19.37	19.80	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	19.60	19.85	19.51	19.72	19.42	19.39	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	-	-	16.57	18.36
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	-	-	-	-	-	-	16.55	16.46
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) + 5.3dBi MIMO antenna gain.

Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Middle Channel							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.13	8.51	8.44	8.11	8.67	8.06	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.66	8.52	8.61	8.63	8.59	8.24	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	-	-	5.58	7.35
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	-	-	5.34	5.68

Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Middle Channel							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	19.45	19.83	19.76	19.43	19.99	19.38	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	19.98	19.84	19.93	19.95	19.91	19.56	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	-	-	16.90	18.67
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	-	-	16.66	17.00
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) + 5.3dBi MIMO antenna gain.

Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Highest Channel							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	8.39	8.39	8.05	8.67	8.46	8.09	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	8.33	8.12	8.15	8.24	8.36	8.46	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	-	-	-	-	-	-	5.82	7.38
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	-	-	-	-	-	-	5.44	5.44

Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Highest Channel							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	19.71	19.71	19.37	19.99	19.78	19.41	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	19.65	19.44	19.47	19.56	19.68	19.78	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	-	-	-	-	-	-	17.14	18.70
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	-	-	-	-	-	-	16.76	16.76
Limit	20dBm/MHz							
Result	PASS							

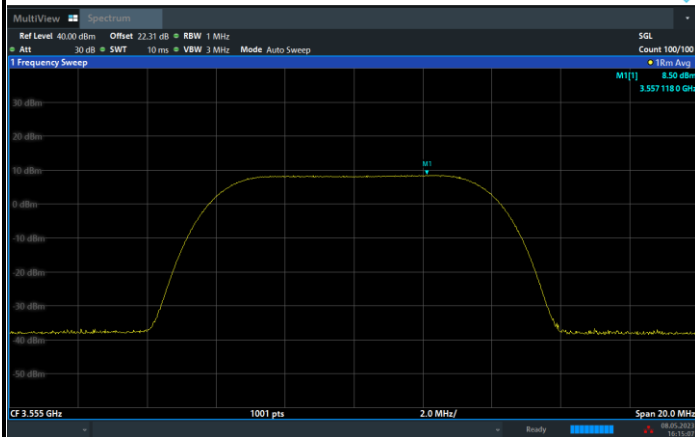
Note

1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 5.3dBi MIMO antenna gain.

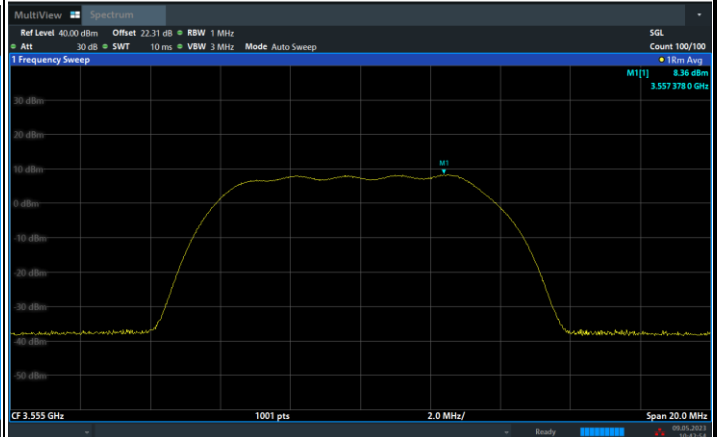


FR1 n48 / 10MHz / Lowest Channel / PSD

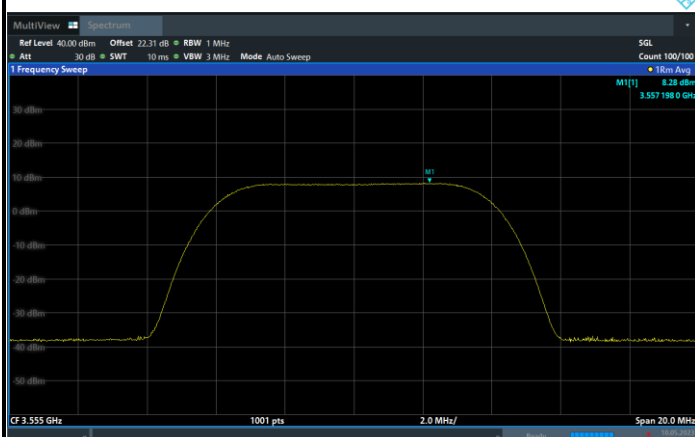
QPSK



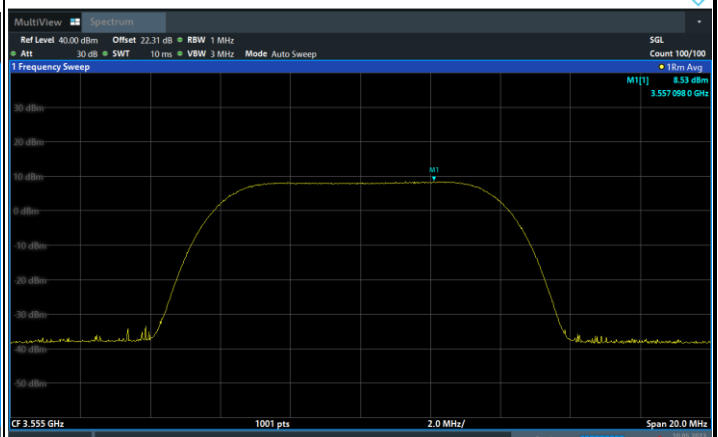
16QAM



64QAM



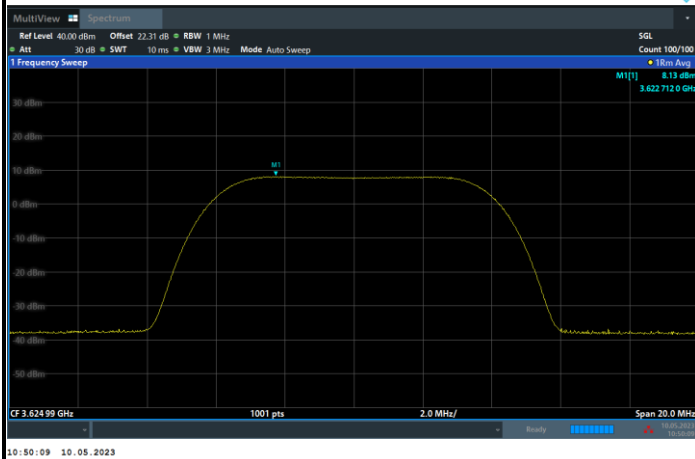
256QAM



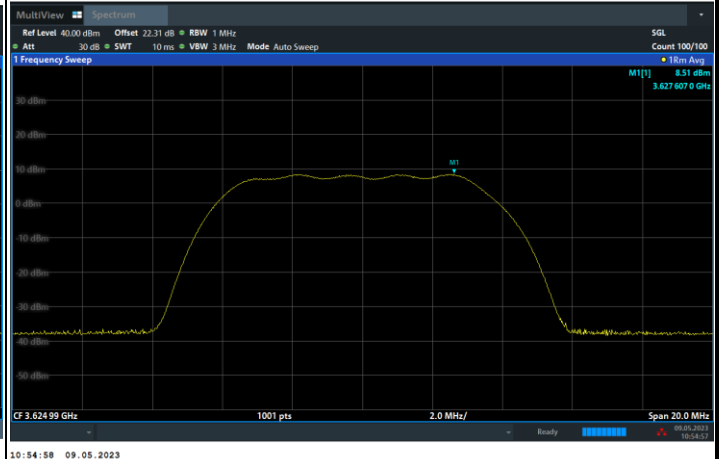


FR1 n48 / 10MHz / Middle Channel / PSD

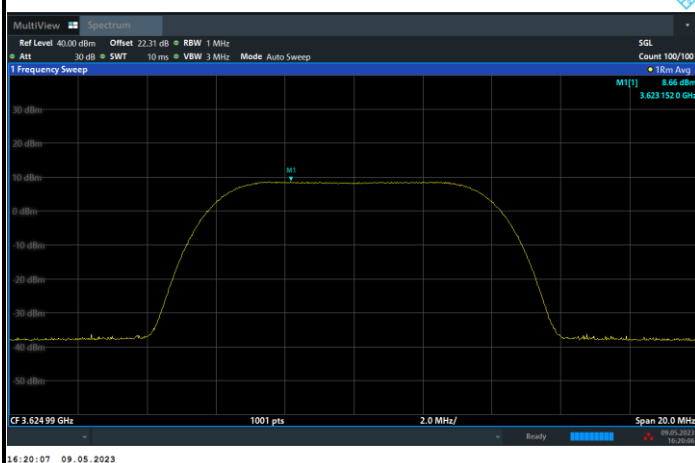
QPSK



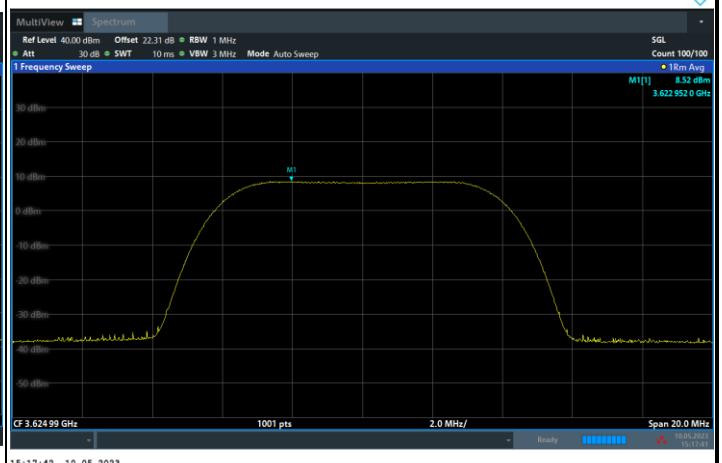
16QAM



64QAM



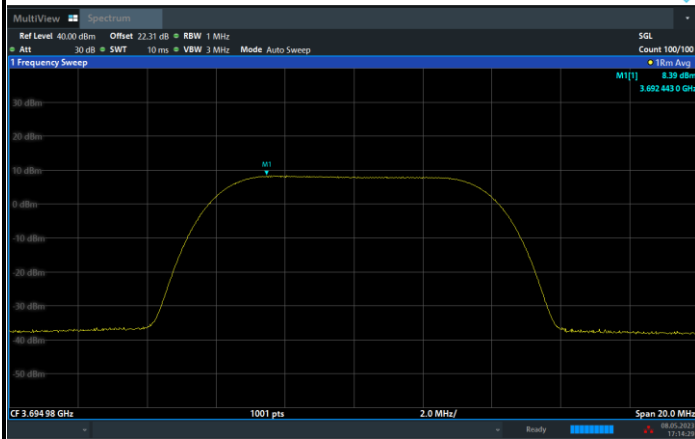
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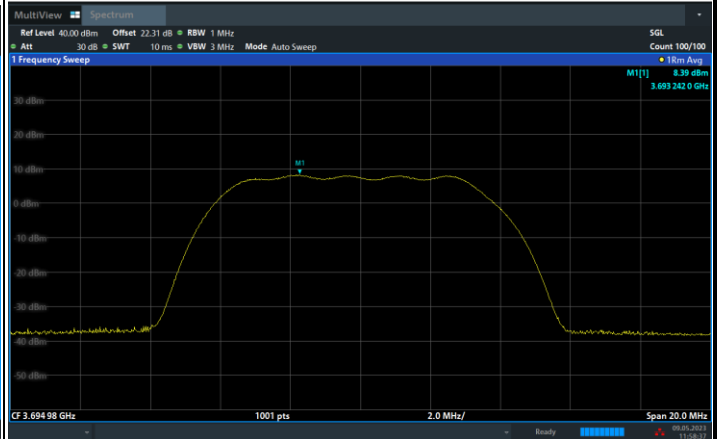
FR1 n48 / 10MHz / Highest Channel / PSD

QPSK



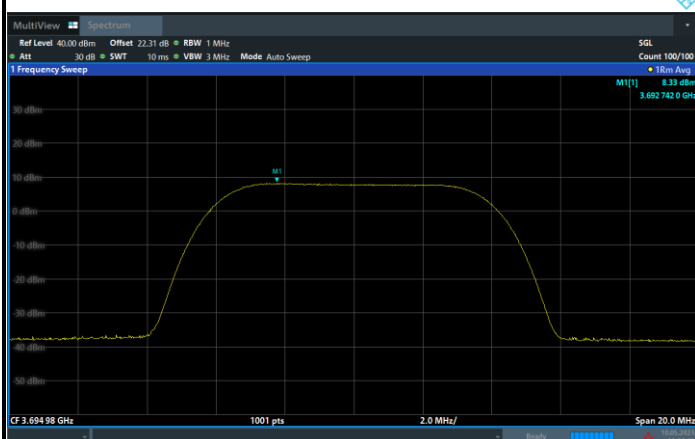
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16QAM



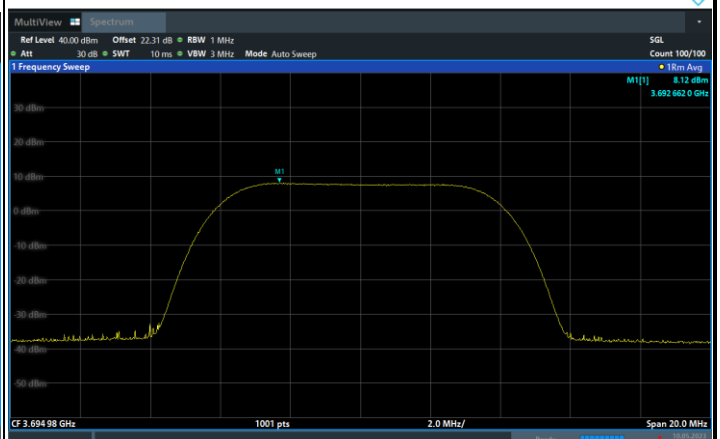
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64QAM



15:44:41 10.05.2023

256QAM

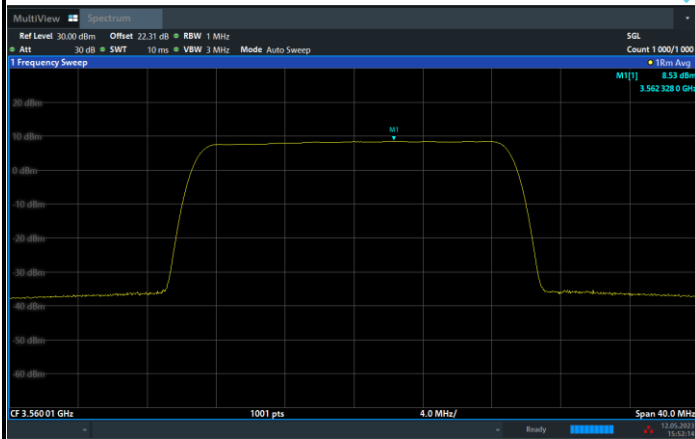


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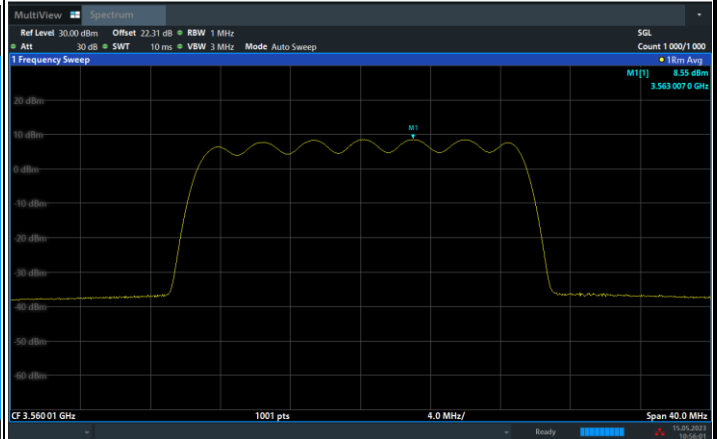


FR1 n48 / 20MHz / Lowest Channel / PSD

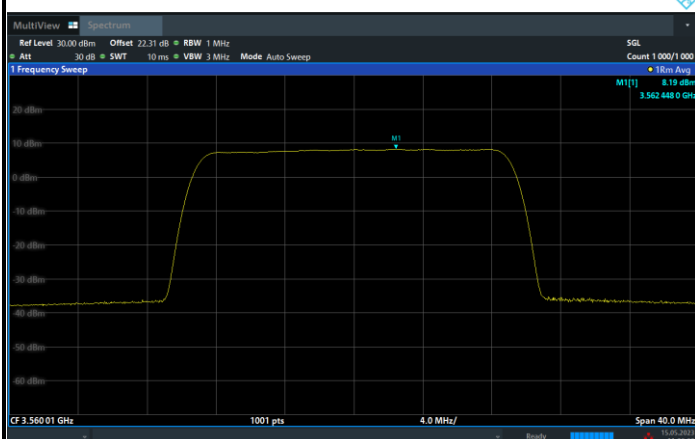
QPSK



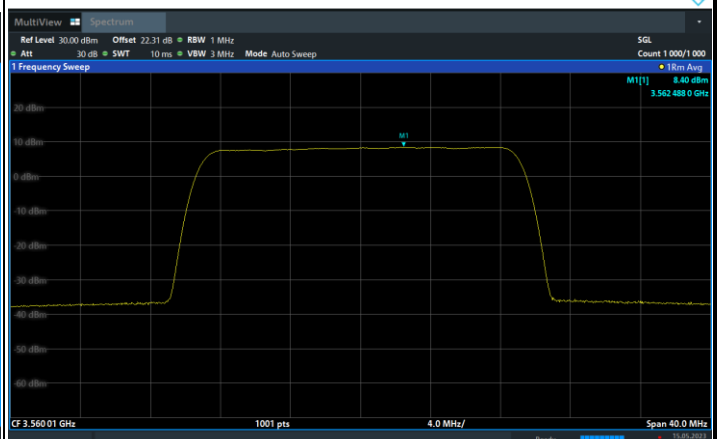
16QAM



64QAM



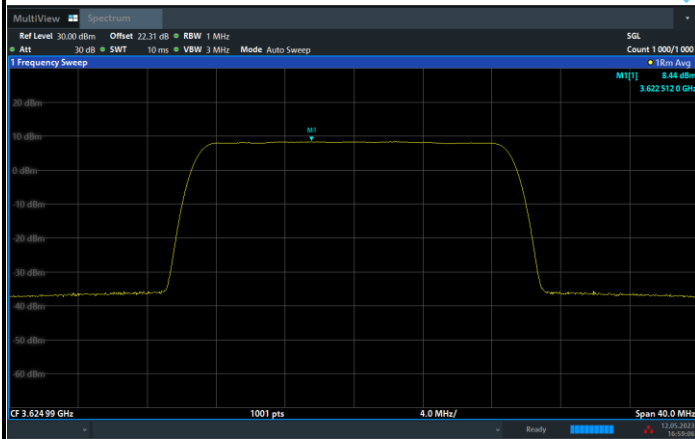
256QAM





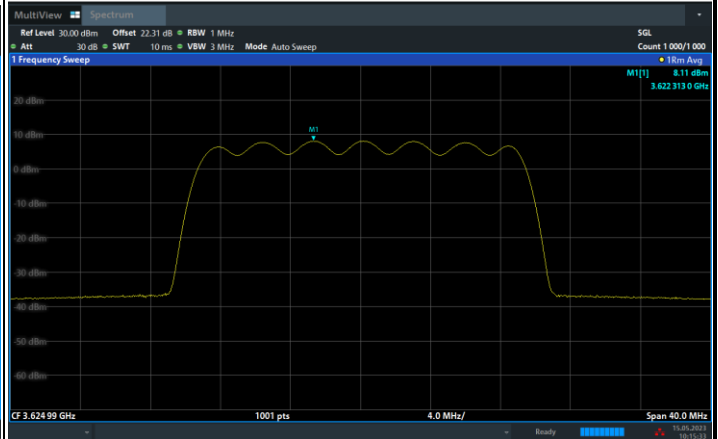
FR1 n48 / 20MHz / Middle Channel / PSD

QPSK



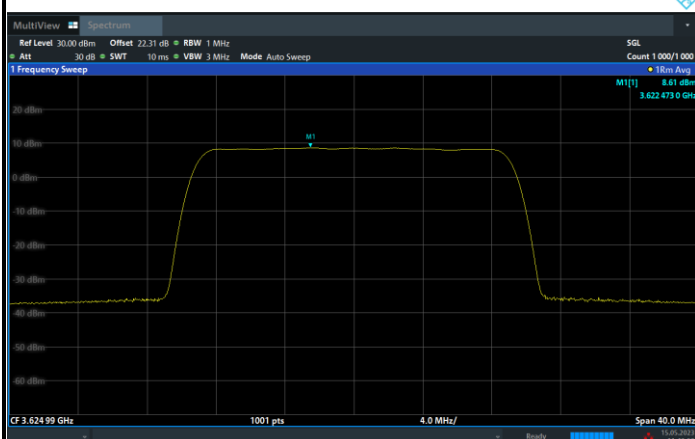
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16QAM



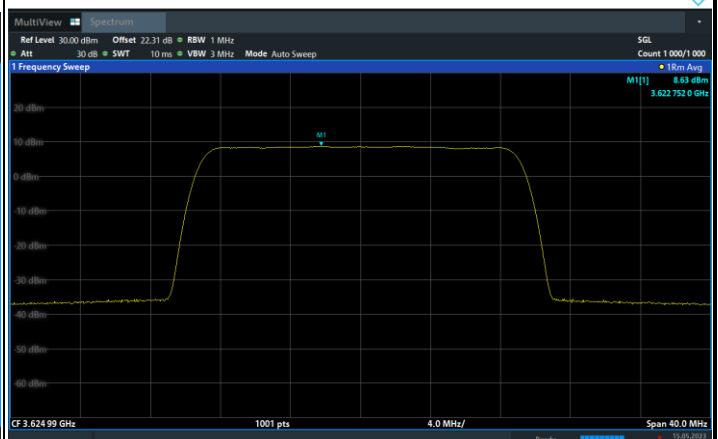
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64QAM



11:43:00 15.05.2023

256QAM

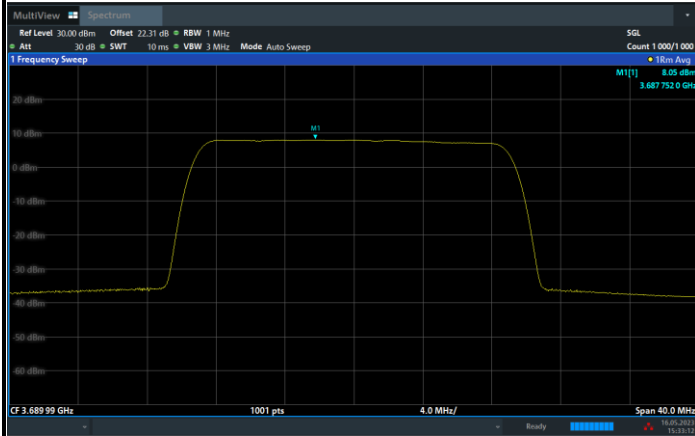


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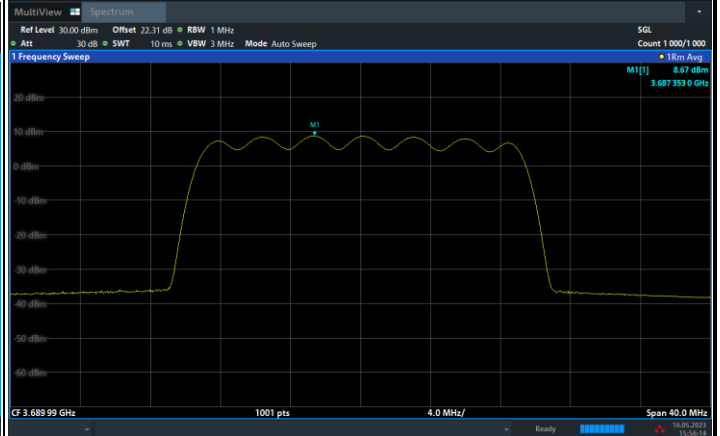
FR1 n48 / 20MHz / Highest Channel / PSD

QPSK



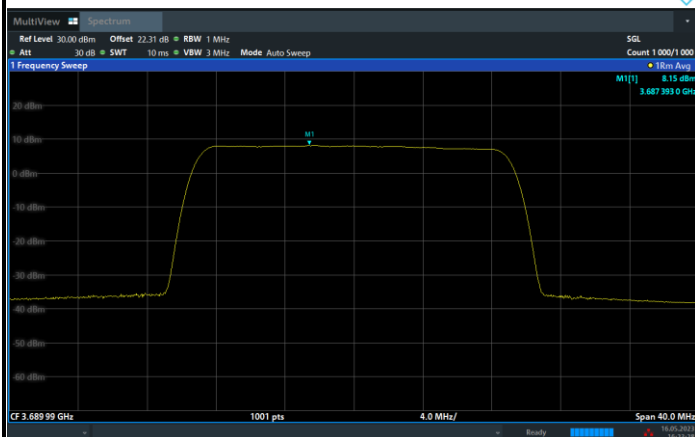
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16QAM



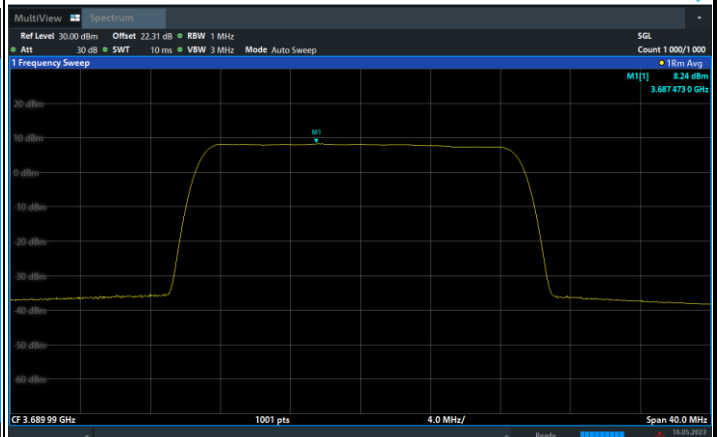
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64QAM



16:23:29 16.05.2023

256QAM

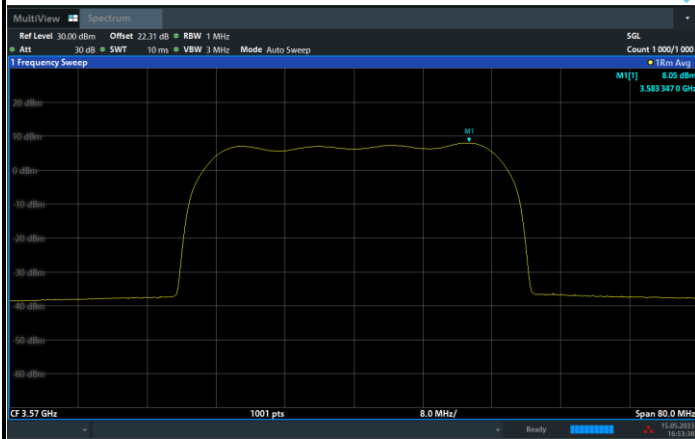


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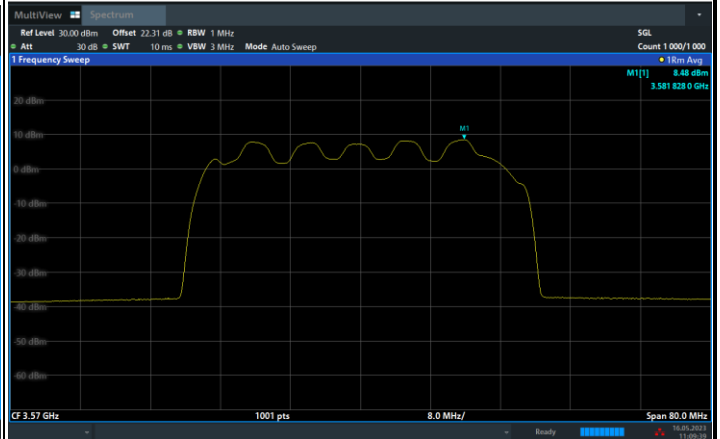
FR1 n48 / 40MHz / Lowest Channel / PSD

QPSK



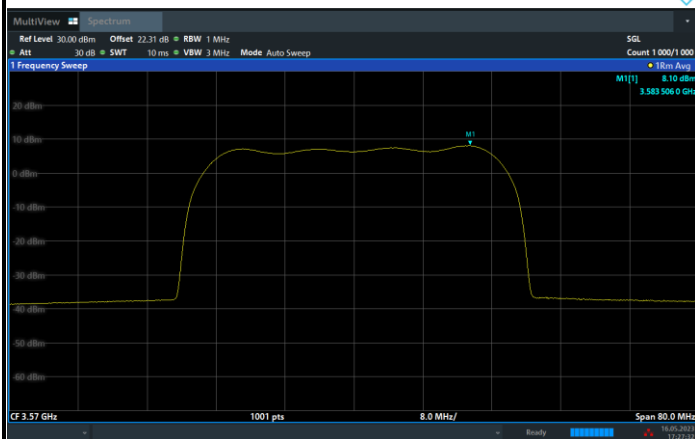
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16QAM



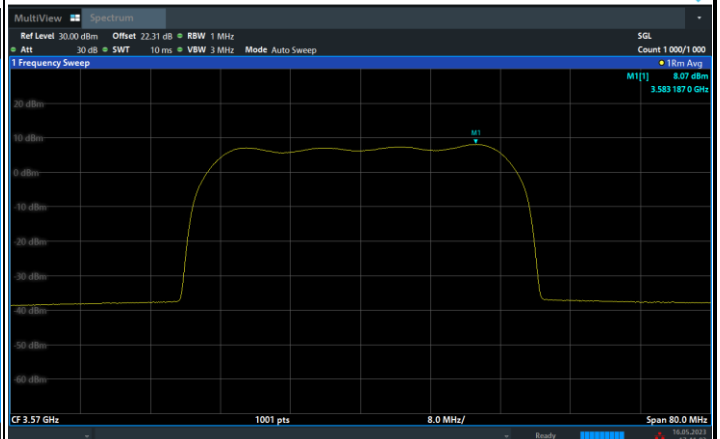
11:09:39 16.05.2023

64QAM



17:27:33 16.05.2023

256QAM

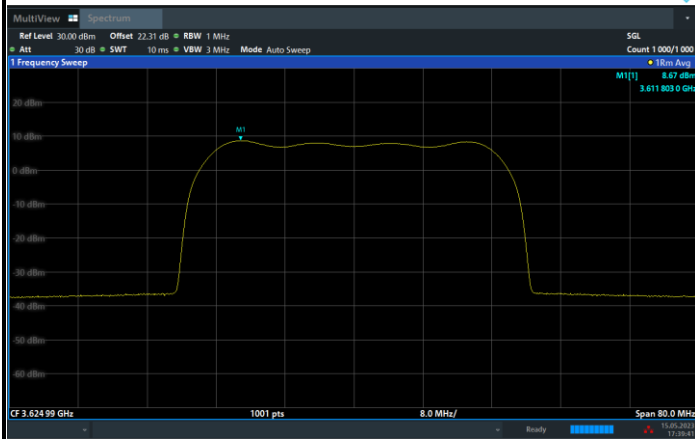


17:41:03 16.05.2023

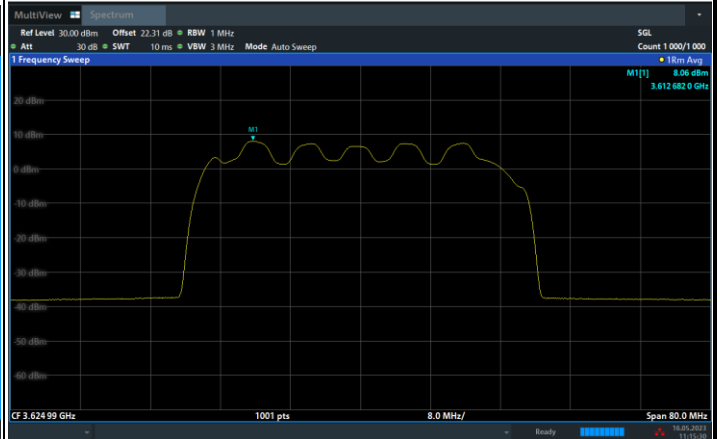


FR1 n48 / 40MHz / Middle Channel / PSD

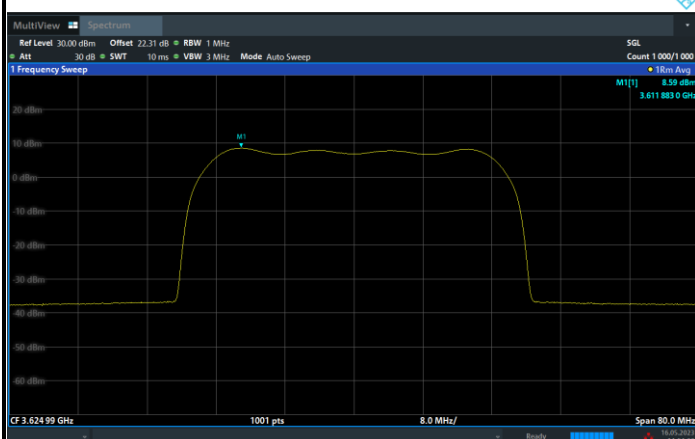
QPSK



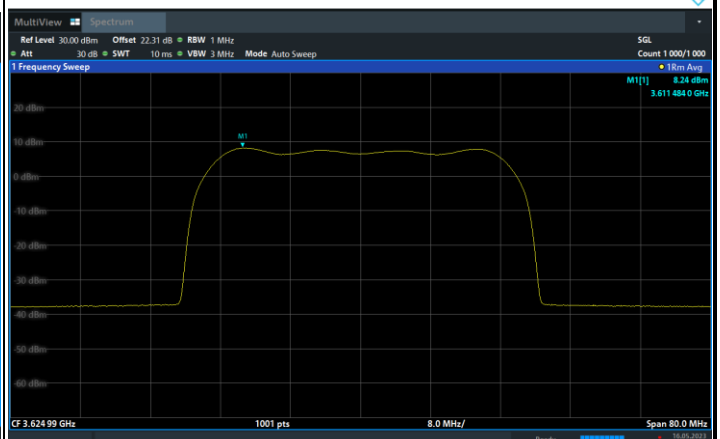
16QAM



64QAM



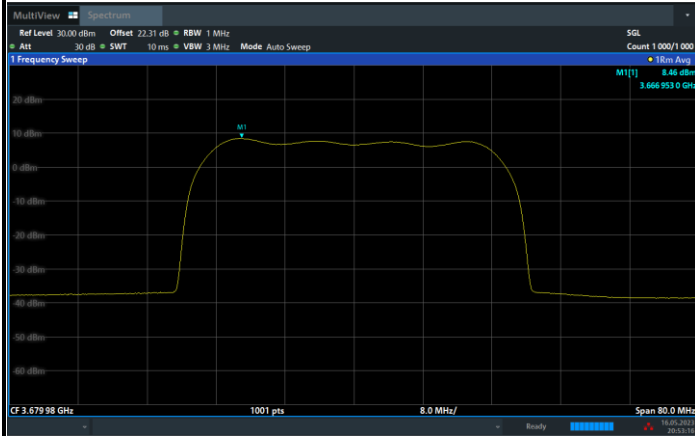
256QAM



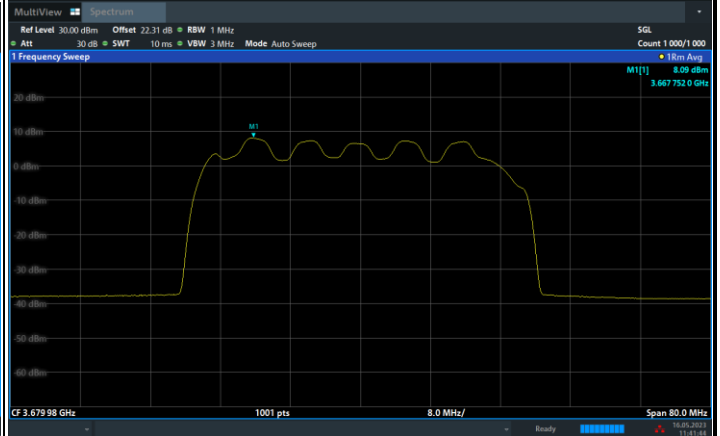


FR1 n48 / 40MHz / Highest Channel / PSD

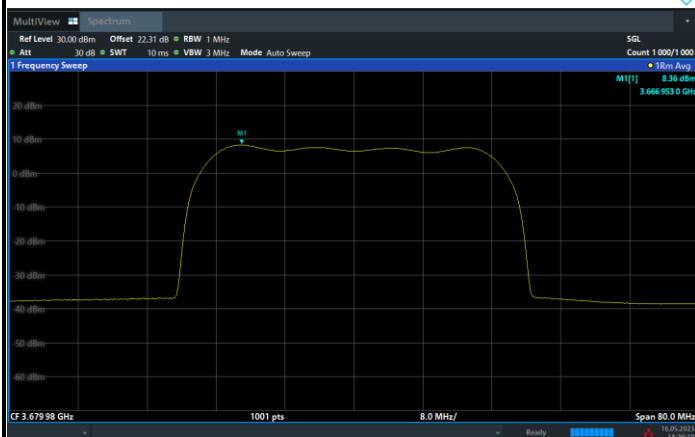
QPSK



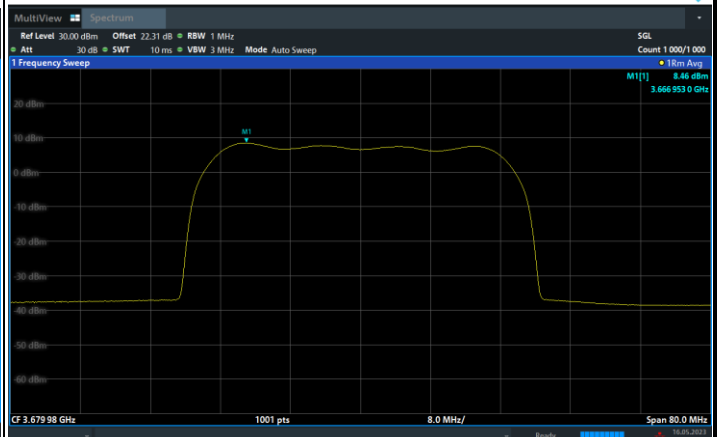
16QAM



64QAM



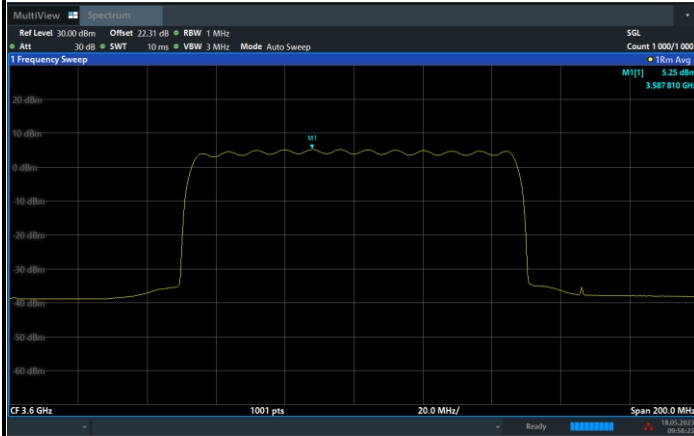
256QAM





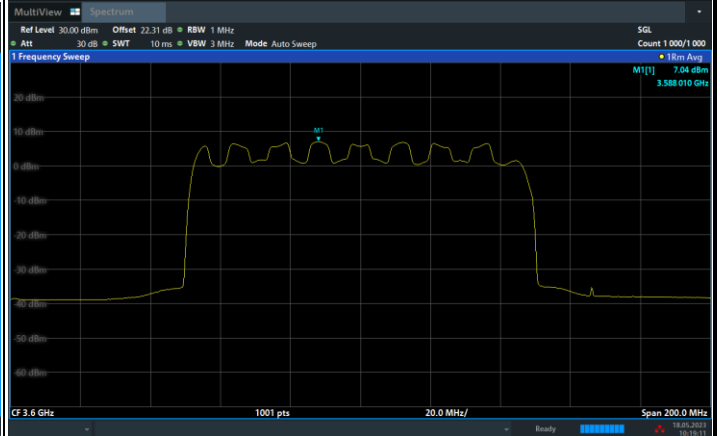
FR1 n48 / 100MHz / Lowest Channel / PSD

QPSK



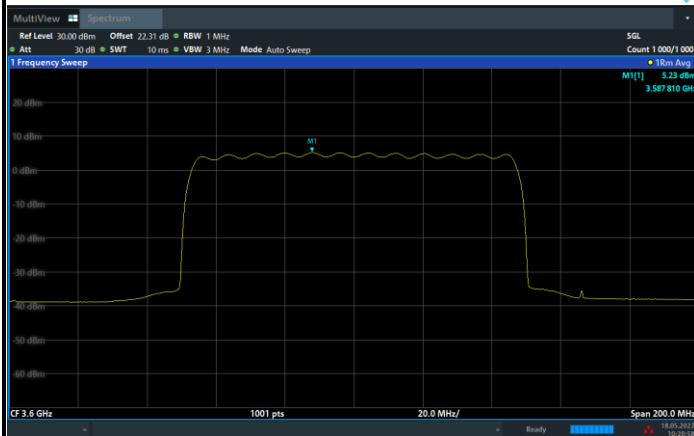
09:56:23 18.05.2023

16QAM



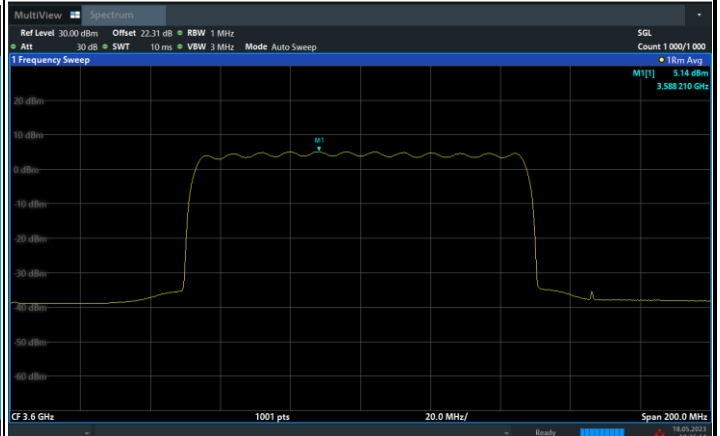
10:19:12 18.05.2023

64QAM



10:20:58 18.05.2023

256QAM

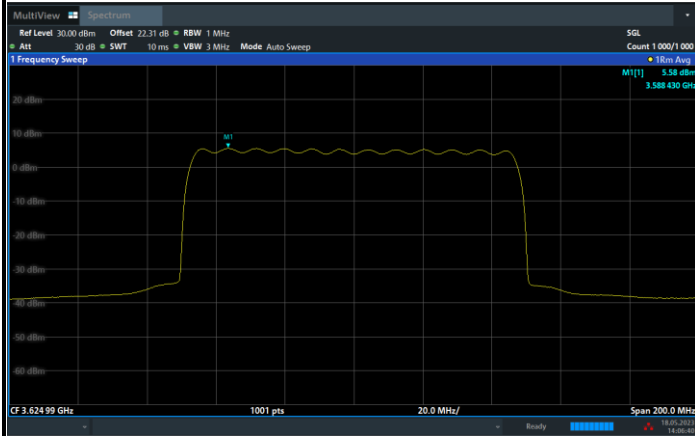


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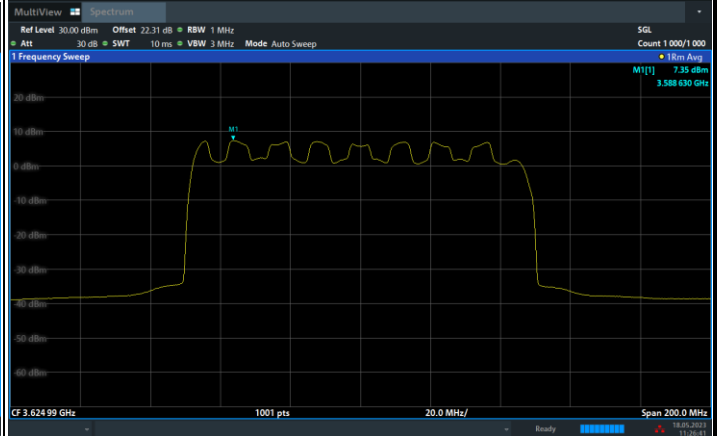
FR1 n48 / 100MHz / Middle Channel / PSD

QPSK



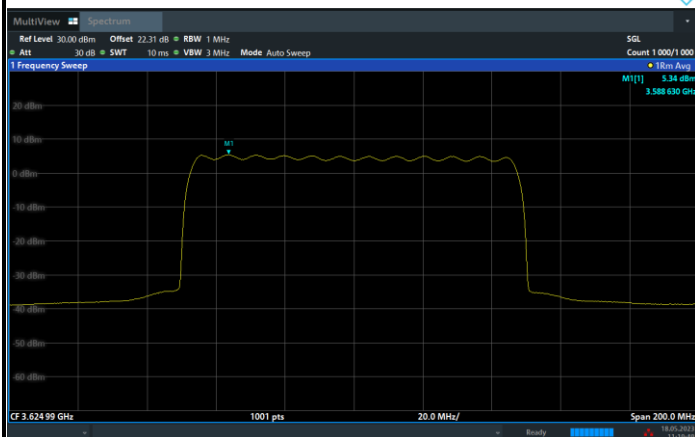
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16QAM



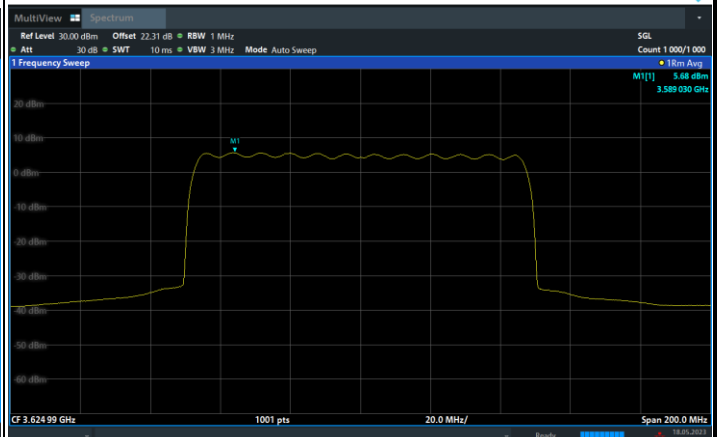
11:26:42 18.05.2023

64QAM



11:19:49 18.05.2023

256QAM

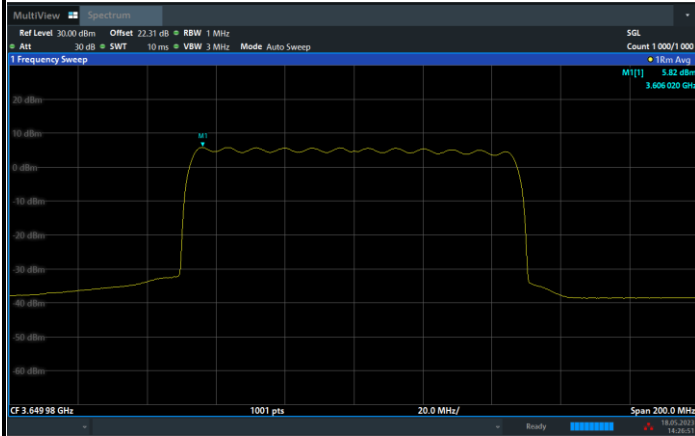


10:55:41 18.05.2023



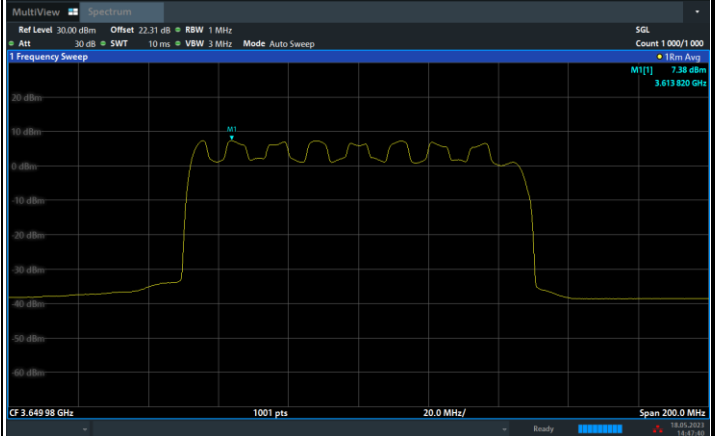
FR1 n48 / 100MHz / Highest Channel / PSD

QPSK



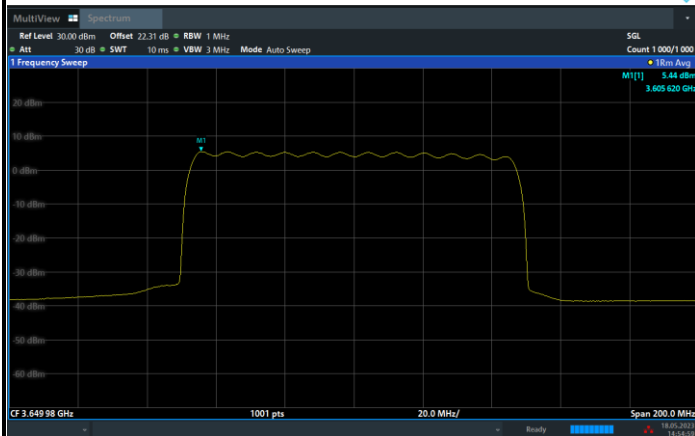
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16QAM



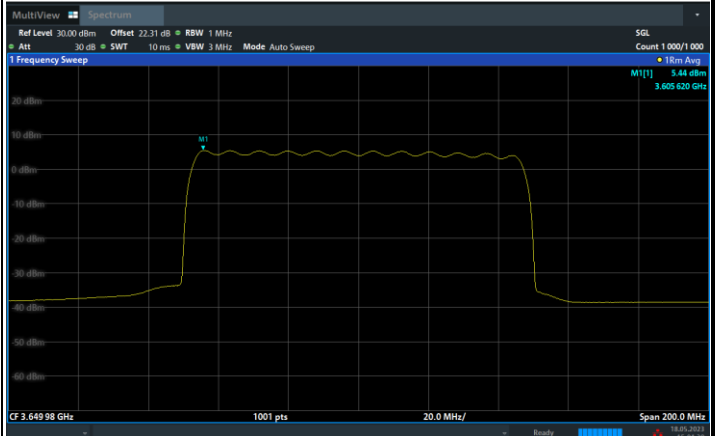
14:47:41 18.05.2023

64QAM



14:54:59 18.05.2023

256QAM

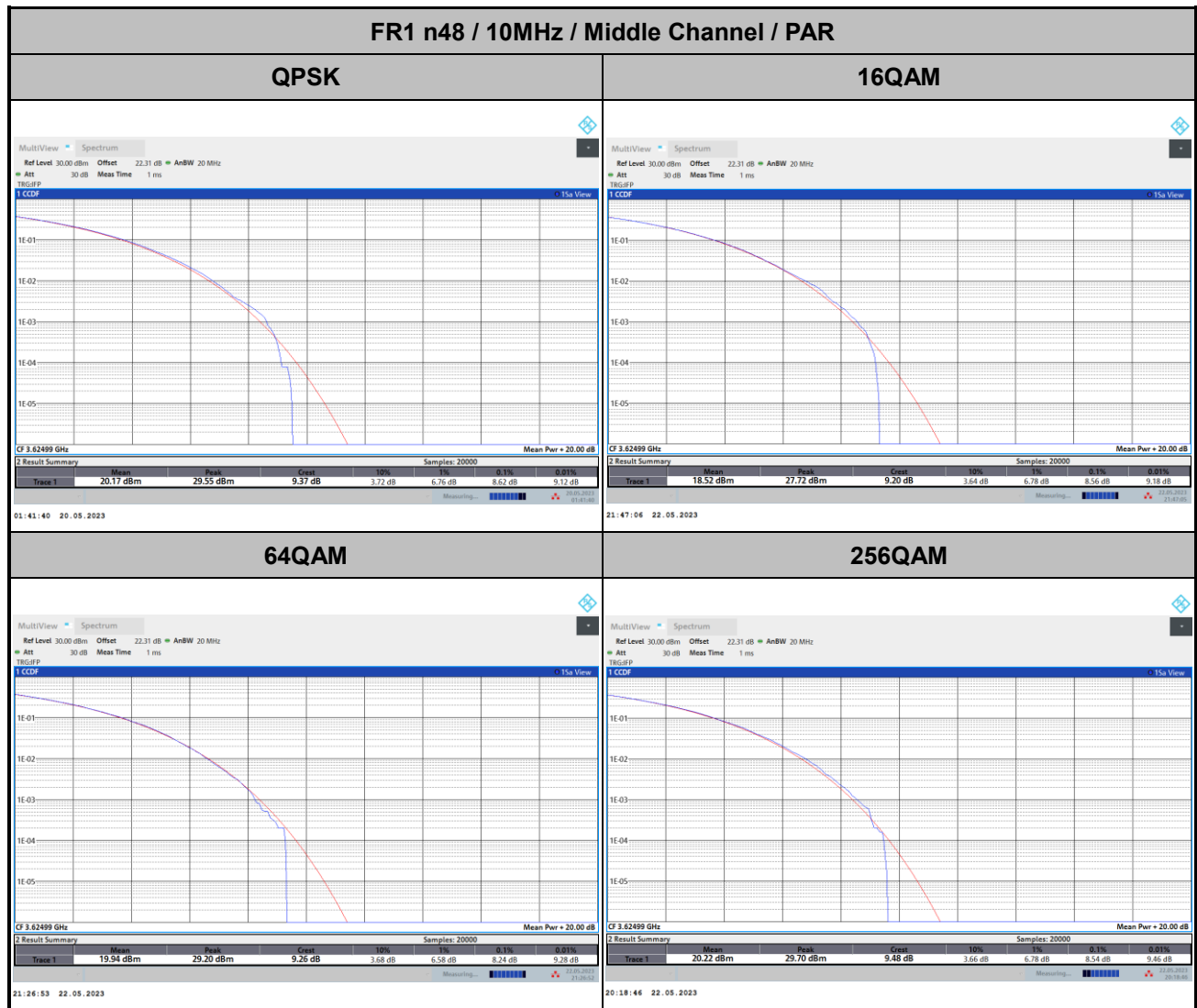


15:04:39 18.05.2023



Peak-to-Average Ratio

Mode	FR1 n48 / 20MHz / PAR (dB)				Limit: 13dB
Mod.	QPSK	16QAM	64QAM	256QAM	Result
Middle CH	8.62	8.56	8.24	8.54	PASS



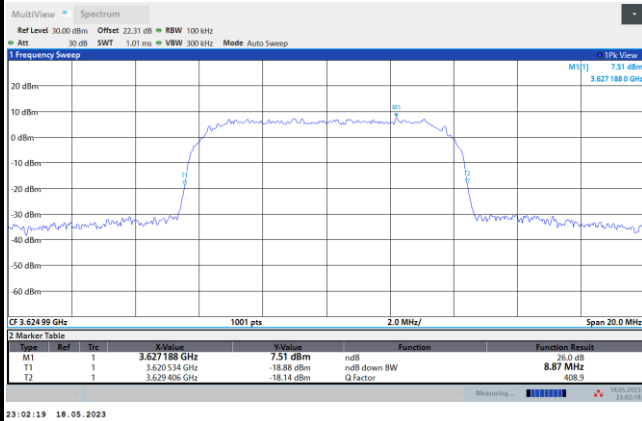
**26dB Bandwidth**

Mode	FR1 n48 : 26dB BW(MHz)							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.87	8.81	19.34	19.22	39.48	39.32	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.89	8.89	19.30	19.34	39.48	39.56	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	-	-	99.90	99.70
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	-	-	99.70	99.50

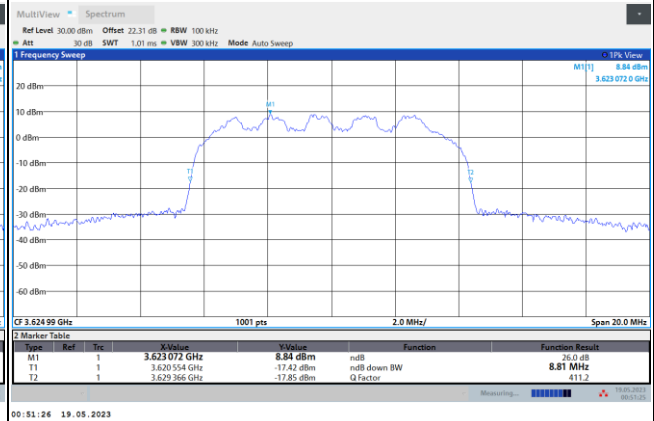


FR1 n48 / 10MHz / Middle Channel / 26dB BW

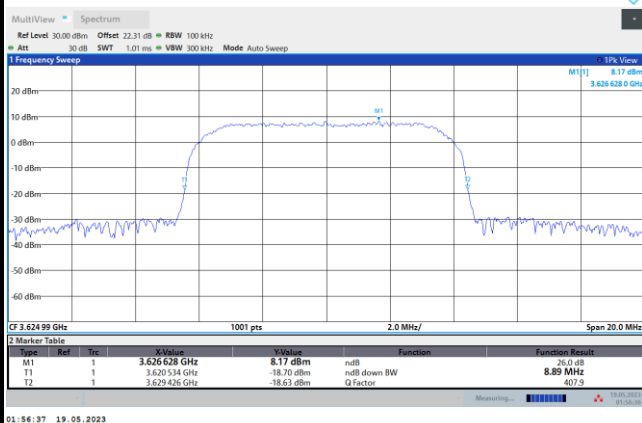
QPSK



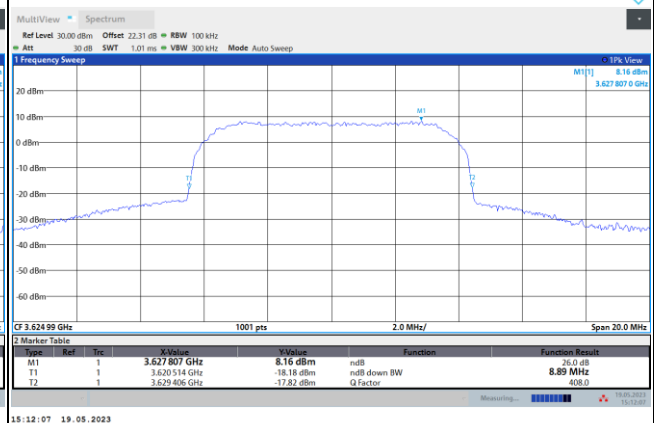
16QAM



64QAM



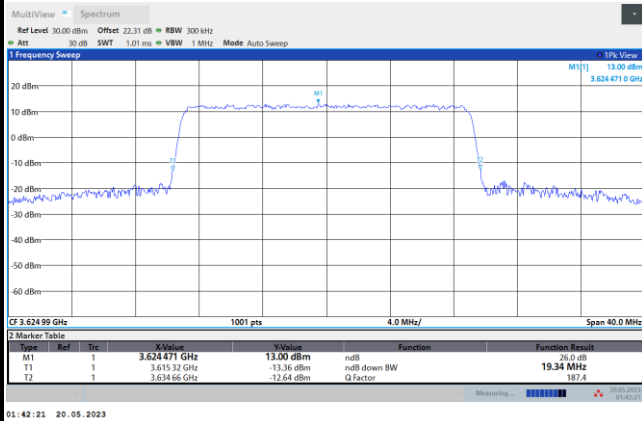
256QAM



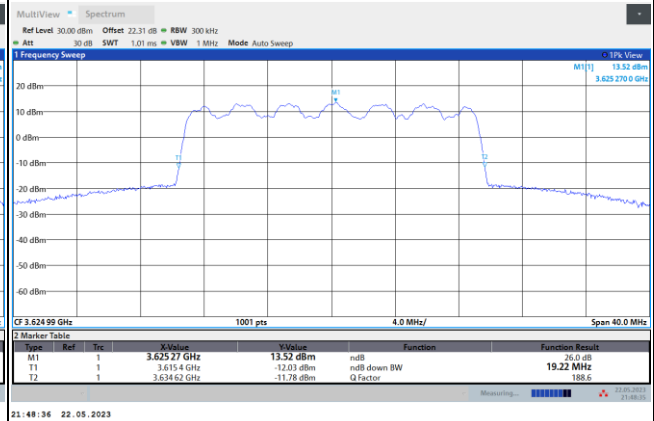


FR1 n48 / 20MHz / Middle Channel / 26dB BW

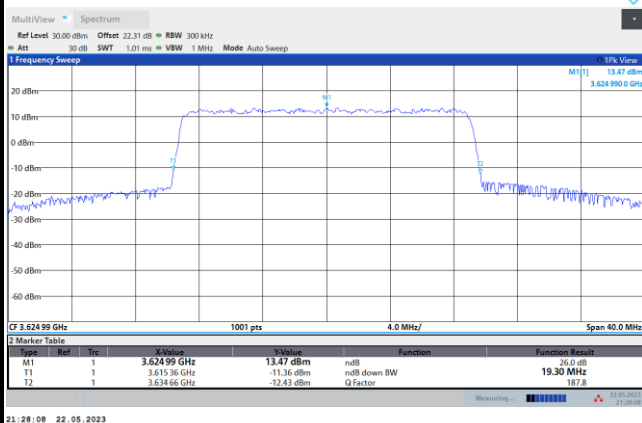
QPSK



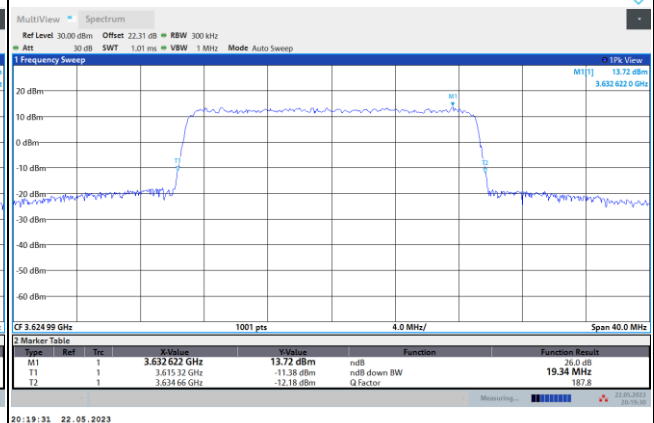
16QAM



64QAM



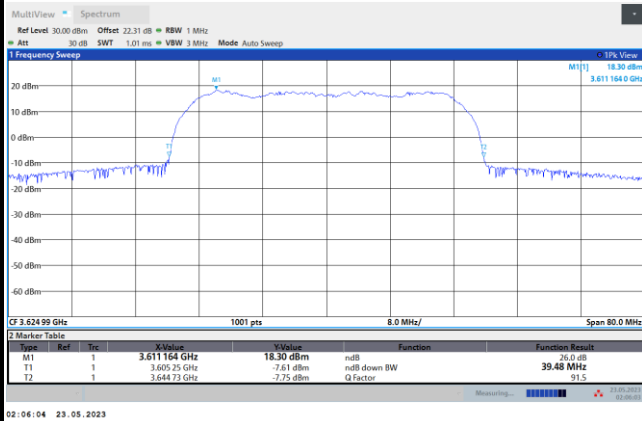
256QAM



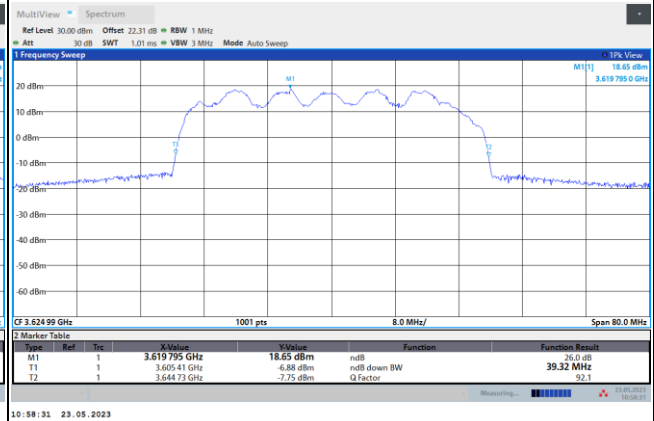


FR1 n48 / 40MHz / Middle Channel / 26dB BW

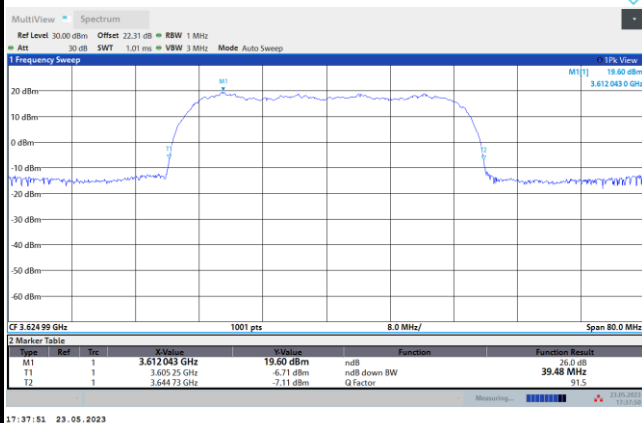
QPSK



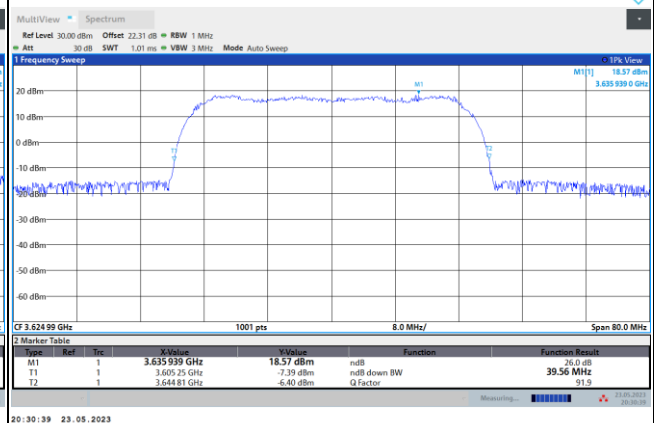
16QAM



64QAM



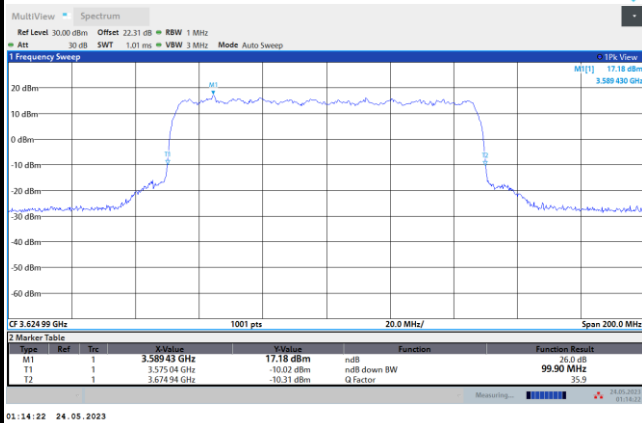
256QAM



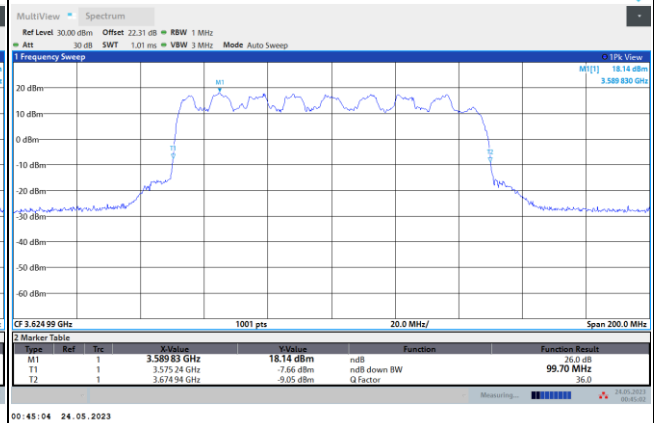


FR1 n48 / 100MHz / Middle Channel / 26dB BW

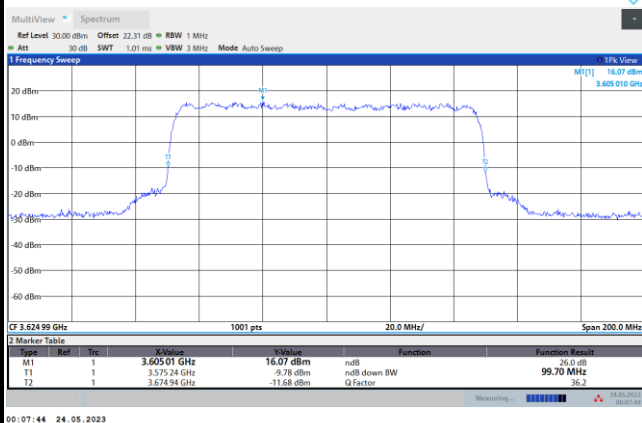
QPSK



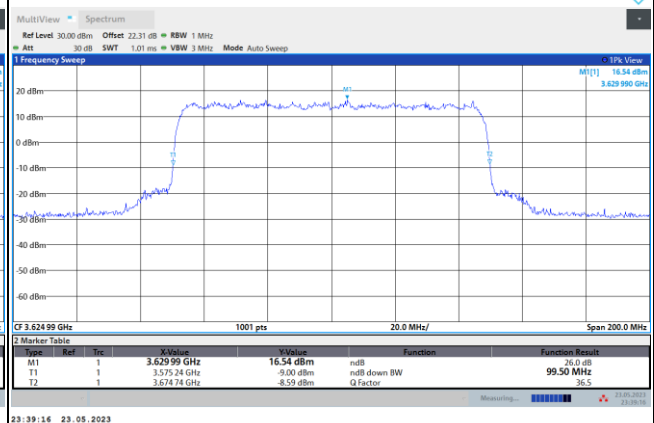
16QAM



64QAM



256QAM

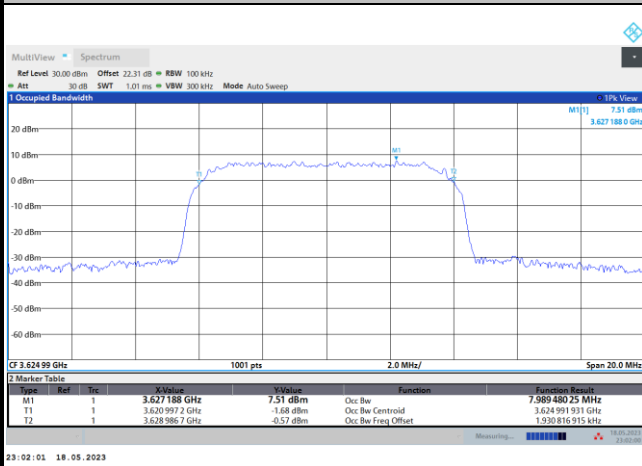


**Occupied Bandwidth**

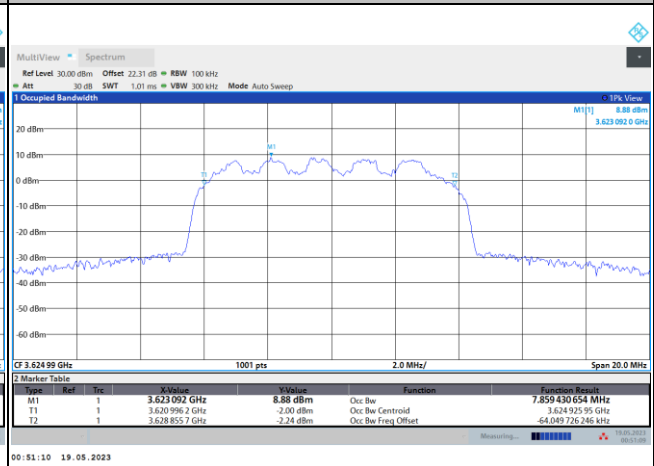
Mode	FR1 n48 : 99%OBW (MHz)							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	7.98	7.85	18.02	18.07	35.52	35.31	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.01	8.01	18.03	18.02	35.52	35.42	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	-	-	94.18	93.96
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	-	-	94.15	94.22

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

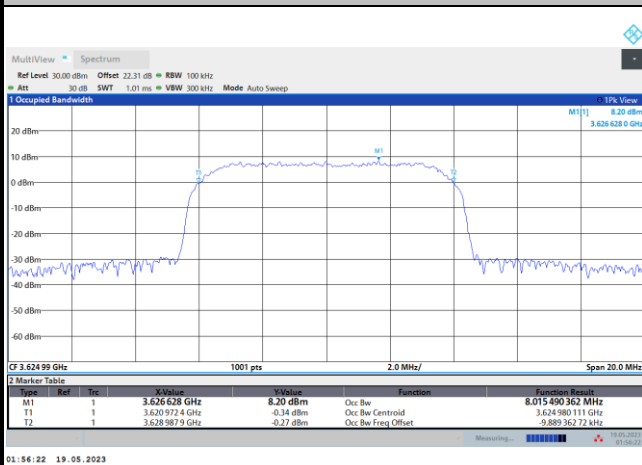
QPSK



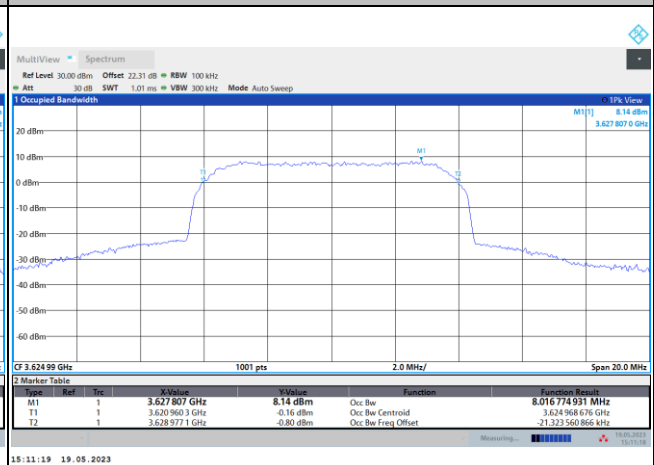
16QAM



64QAM



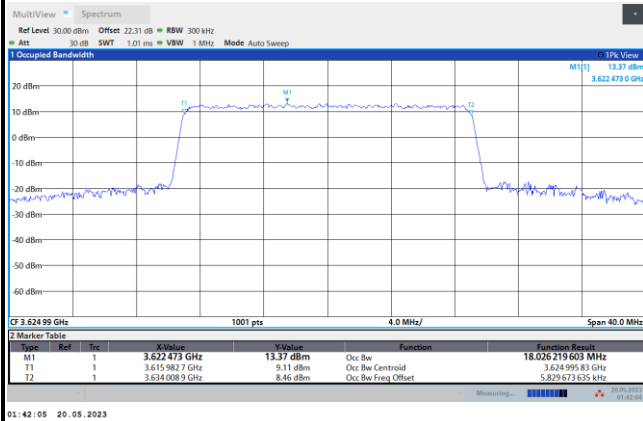
256QAM



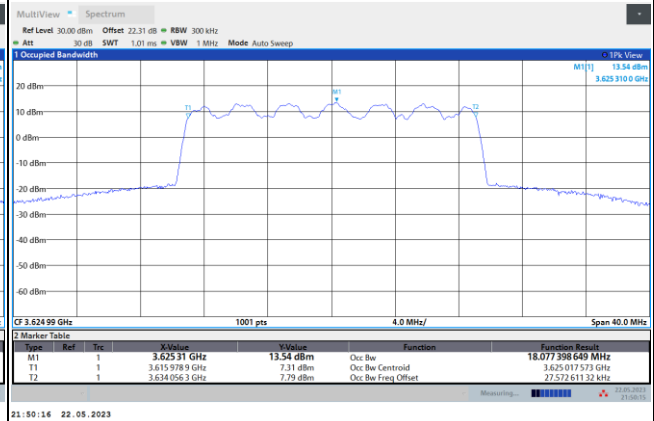


FR1 n48 / 20MHz / Middle Channel / 99%OBW

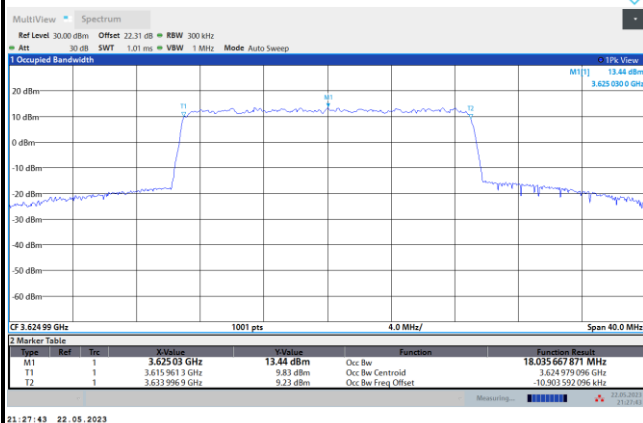
QPSK



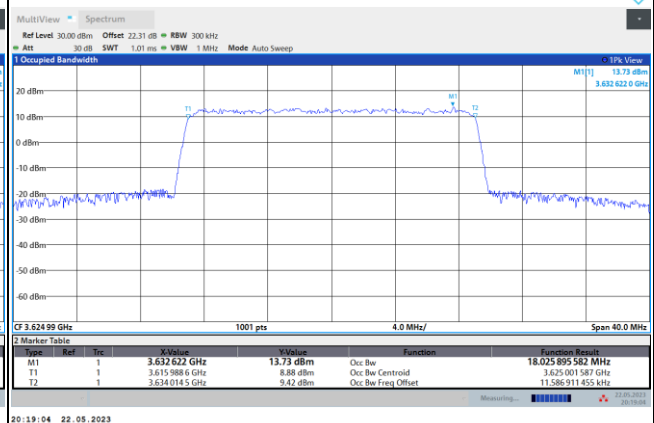
16QAM



64QAM



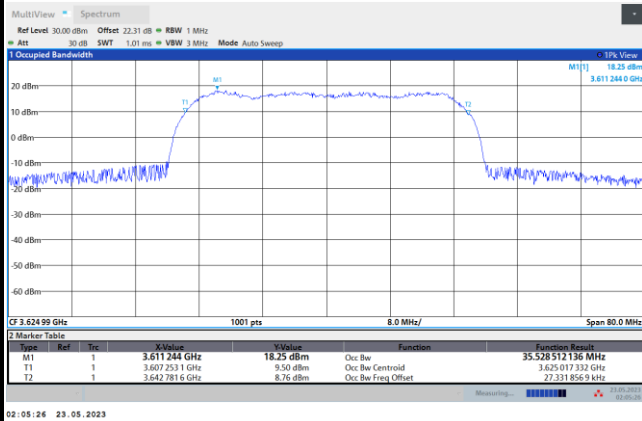
256QAM



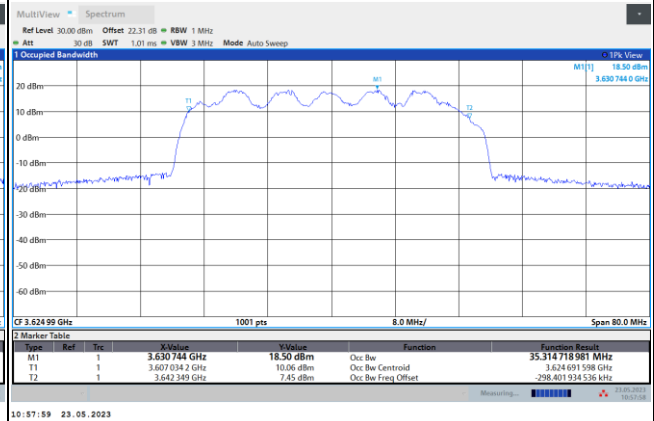


FR1 n48 / 40MHz / Middle Channel / 99%OBW

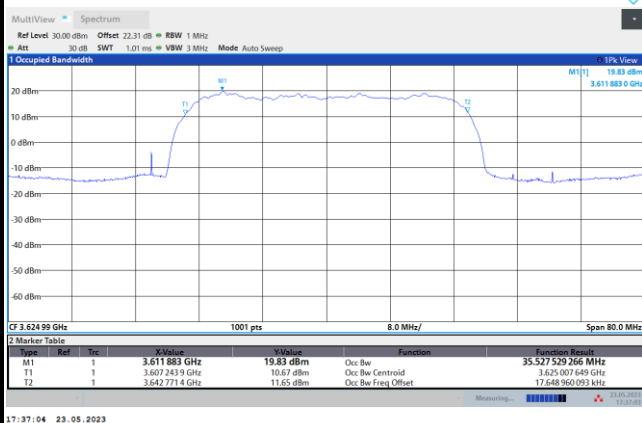
QPSK



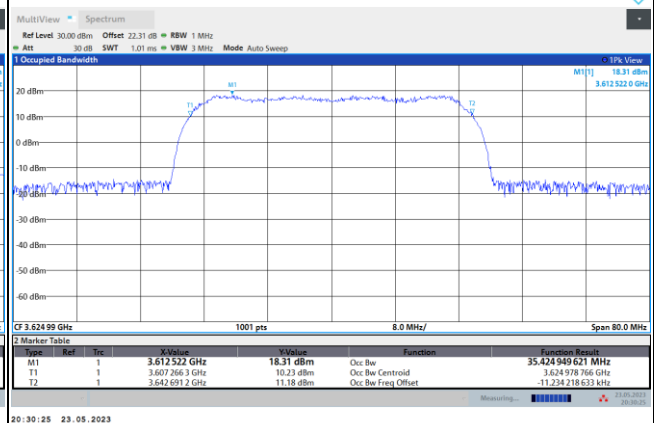
16QAM



64QAM

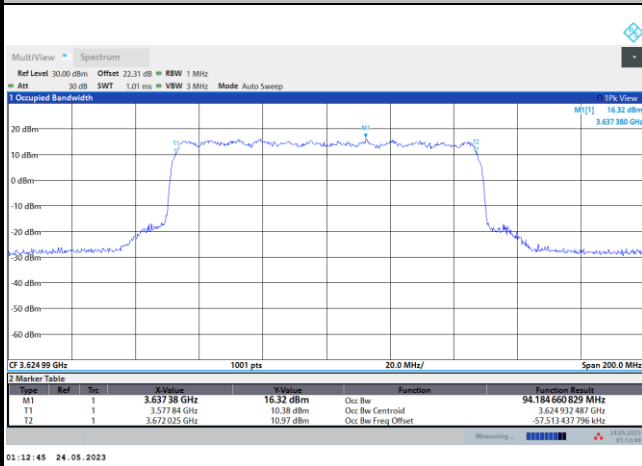


256QAM

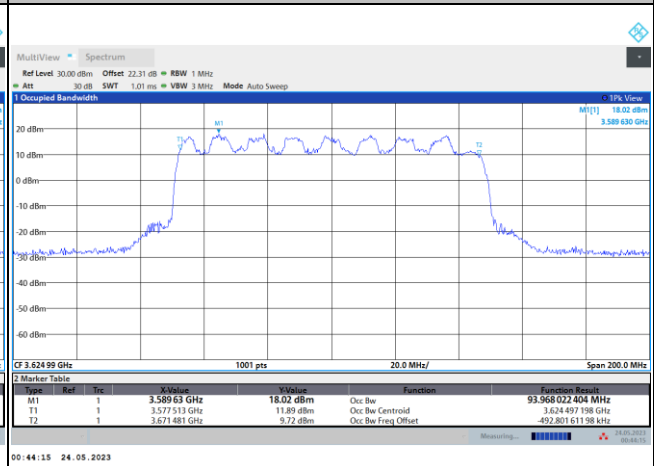


FR1 n48 / 100MHz / Middle Channel / 99%OBW

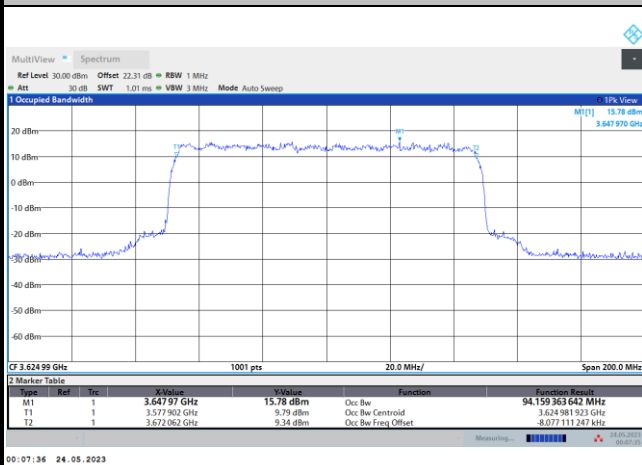
QPSK



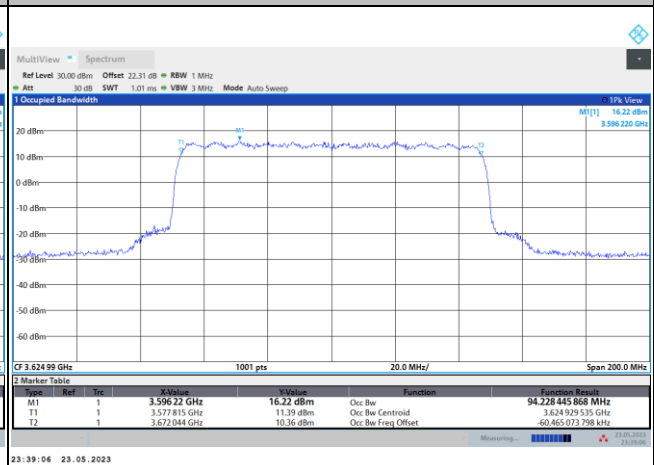
16QAM



64QAM



256QAM

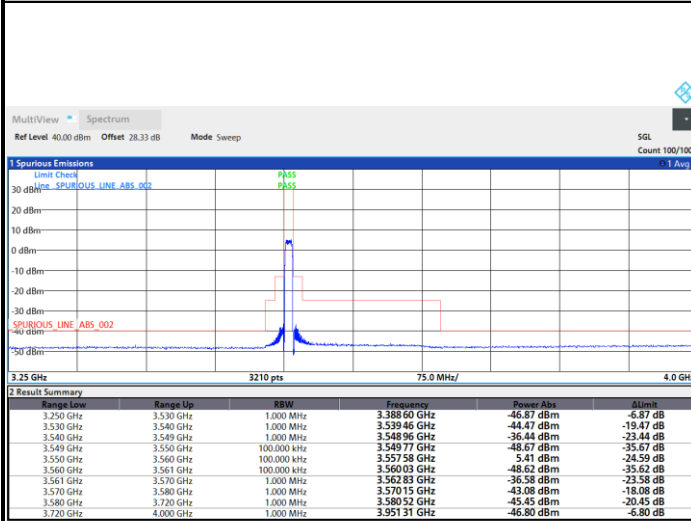




Unwanted Emission (MASK)

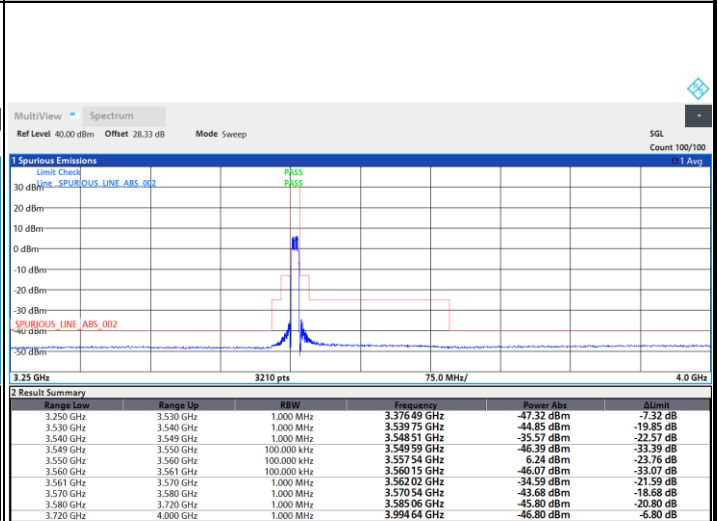
FR1 n48 / 10MHz / Lowest Channel / MASK

QPSK



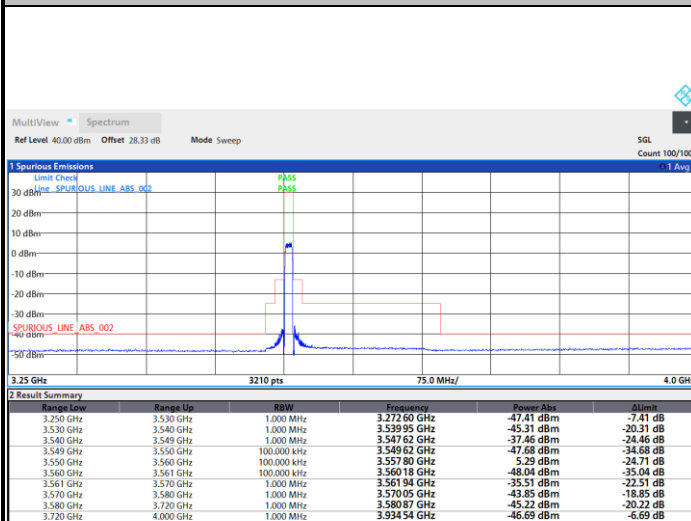
20:00:25 19.05.2023

16QAM



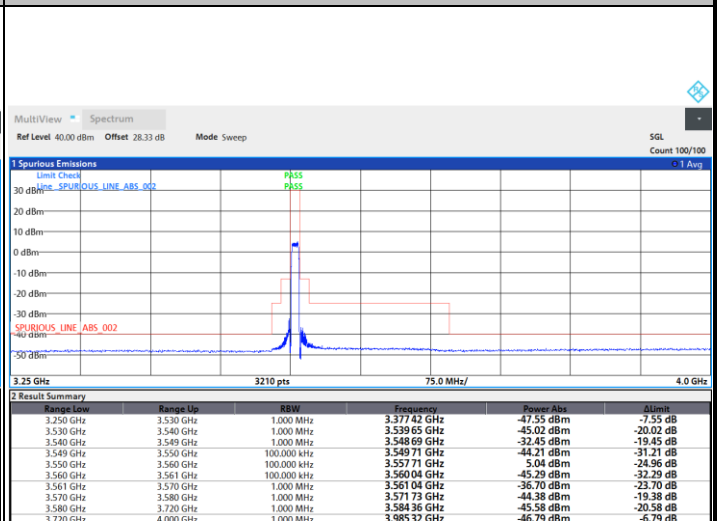
21:35:33 19.05.2023

64QAM



22:09:18 19.05.2023

256QAM

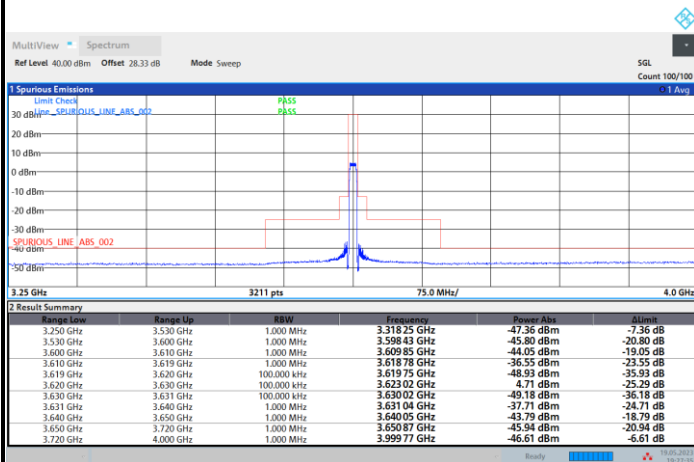


00:52:40 20.05.2023



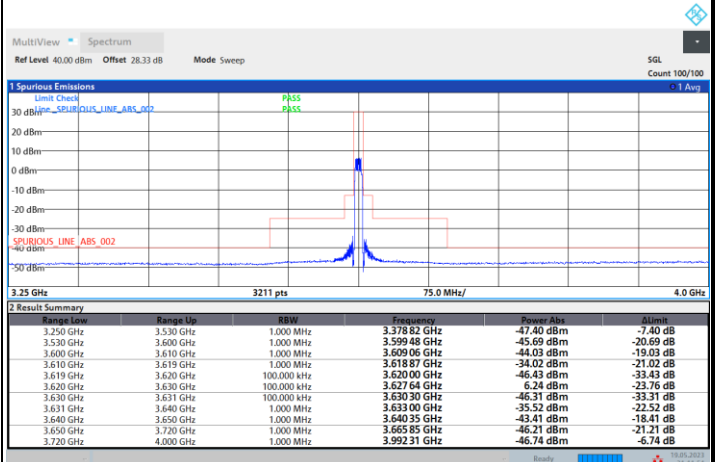
FR1 n48 / 10MHz / Middle Channel / MASK

QPSK



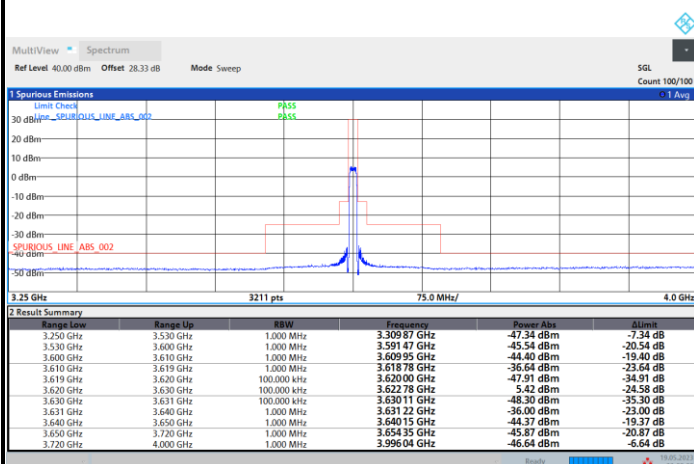
19:27:36 19.05.2023

16QAM



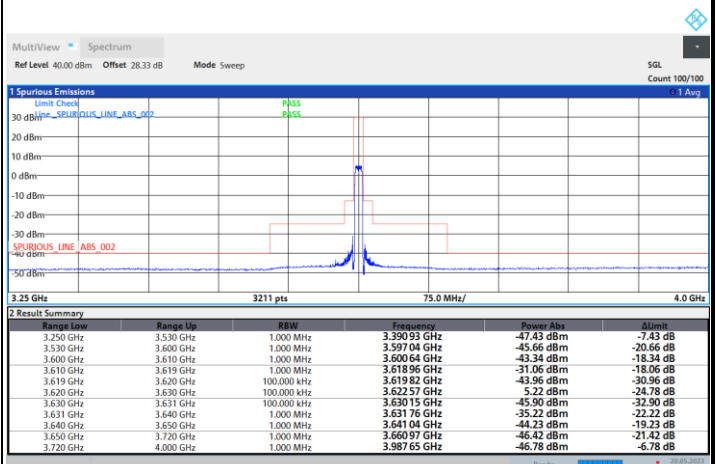
21:11:55 19.05.2023

64QAM



23:08:09 19.05.2023

256QAM

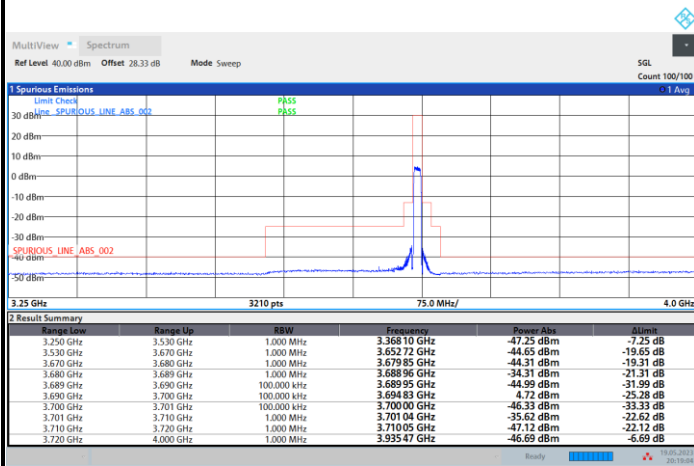


00:39:48 20.05.2023



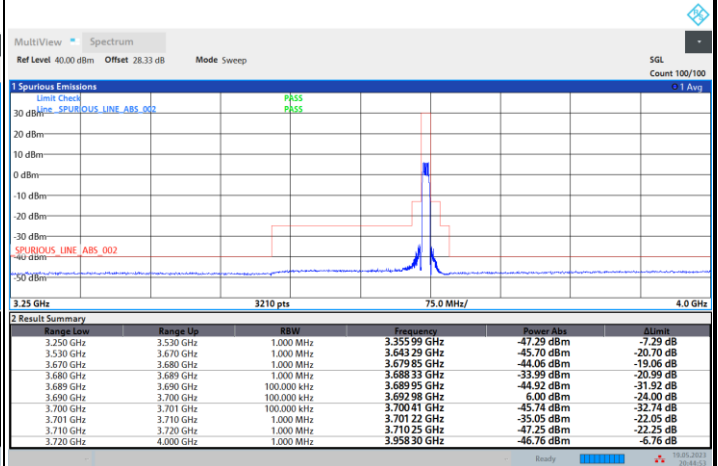
FR1 n48 / 10MHz / Highest Channel / MASK

QPSK



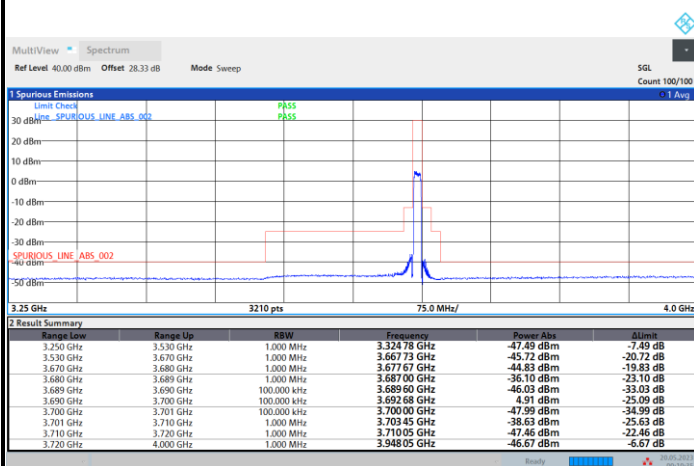
20:19:04 19.05.2023

16QAM



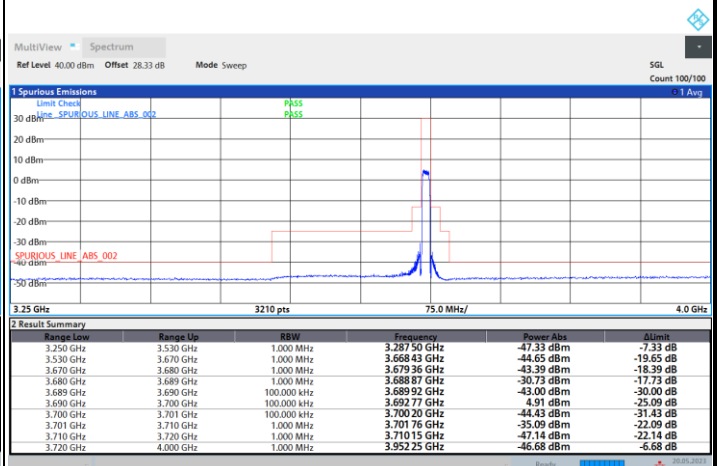
20:44:53 19.05.2023

64QAM



00:10:36 20.05.2023

256QAM



00:22:27 20.05.2023