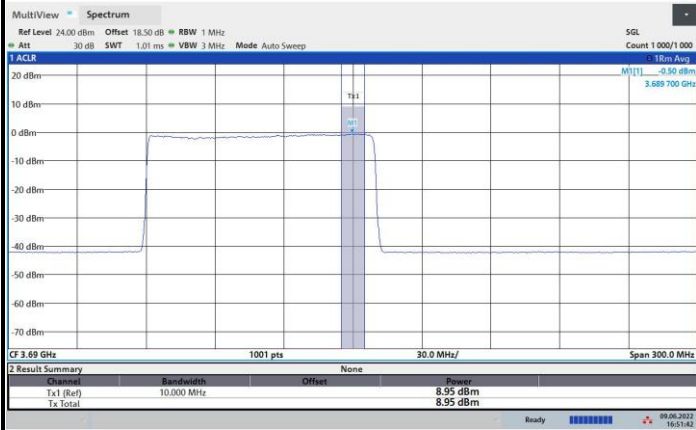




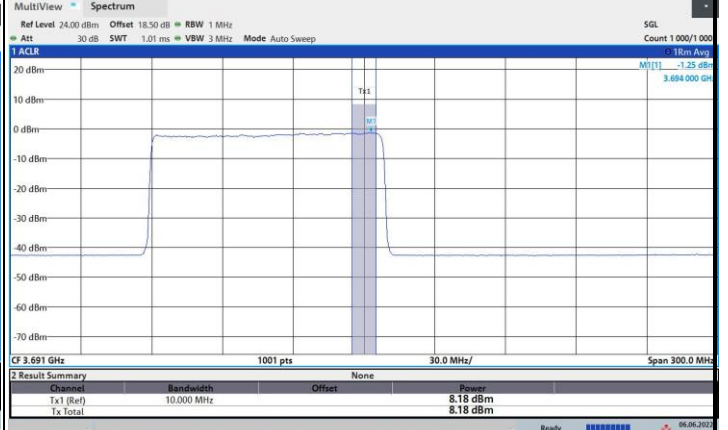
FR1 n48 / 100MHz / Highest Channel / Conducted (dBm/10MHz)

QPSK



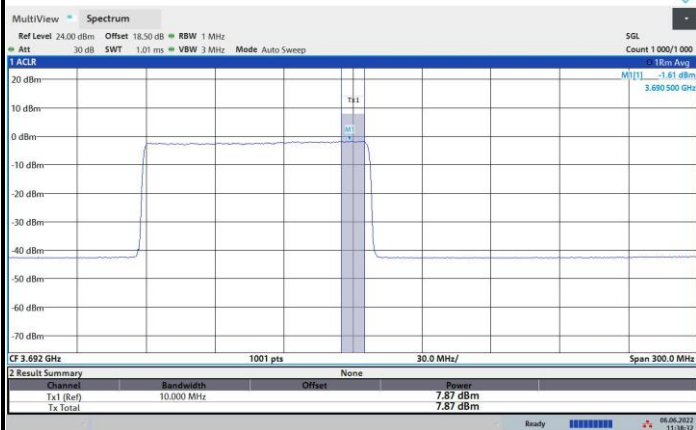
16:51:43 06.06.2022

16QAM



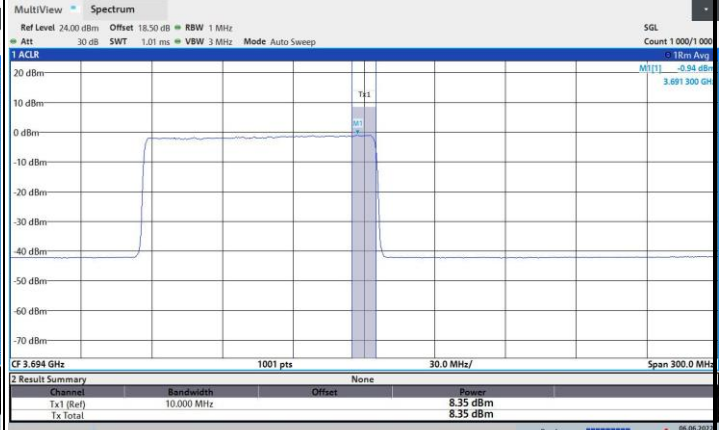
11:54:01 06.06.2022

64QAM



11:38:33 06.06.2022

256QAM



17:01:24 06.06.2022

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	-1.20	-0.48	-0.57	-1.30	-0.77	-1.07	-0.94	-1.19
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	-1.65	0.15	-2.04	-1.01	-1.24	-1.48	-1.40	-1.43
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-0.95	-1.25	-0.92	-1.26	-1.00	-1.19	-1.20	-1.40
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	-1.38	-1.23	-1.27	-0.77	-1.26	-0.93	-1.34	-1.20

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	11.82	12.54	12.45	11.72	12.25	11.95	12.08	11.83
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	11.37	13.17	10.98	12.01	11.78	11.54	11.62	11.59
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	12.07	11.77	12.10	11.76	12.02	11.83	11.82	11.62
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	11.64	11.79	11.75	12.25	11.76	12.09	11.68	11.82
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) + 7dBi 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	-0.61	-0.54	-1.45	-1.73	-1.66	-2.05	-1.11	-1.09
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-1.19	-1.44	-2.11	-1.40	-2.24	-1.91	-1.54	-1.50
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-0.87	-1.37	-0.85	-1.23	-1.05	-0.83	-0.82	-1.00
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-1.70	-1.28	-1.18	-1.31	-1.36	-1.10	-1.43	-1.18

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	12.41	12.48	11.57	11.29	11.36	10.97	11.91	11.93
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	11.83	11.58	10.91	11.62	10.78	11.11	11.48	11.52
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	12.15	11.65	12.17	11.79	11.97	12.19	12.20	12.02
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	11.32	11.74	11.84	11.71	11.66	11.92	11.59	11.84
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) + 7dBi 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	-0.68	-0.79	-1.17	-1.86	-0.75	-1.14	-1.45	-1.52
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	-1.06	-0.26	-1.65	-1.93	-1.33	-2.05	-1.87	-1.89
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	-1.62	-1.81	-1.18	-1.36	-0.82	-0.94	-0.50	-1.17
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	-1.85	-1.82	-1.34	-0.96	-1.11	-1.11	-1.45	-0.71

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	12.34	12.23	11.85	11.16	12.27	11.88	11.57	11.50
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	11.96	12.76	11.37	11.09	11.69	10.97	11.15	11.13
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Highest CH	11.40	11.21	11.84	11.66	12.20	12.08	12.52	11.85
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	11.17	11.20	11.68	12.06	11.91	11.91	11.57	12.31
Limit	20dBm/MHz							
Result	PASS							

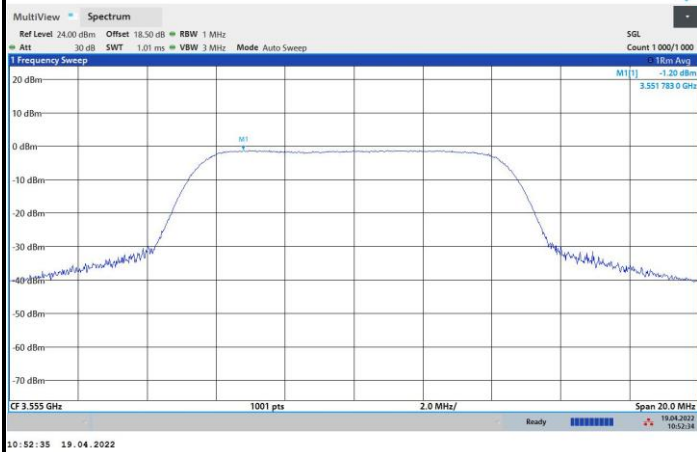
Note

1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 7dBi MIMO antenna gain.



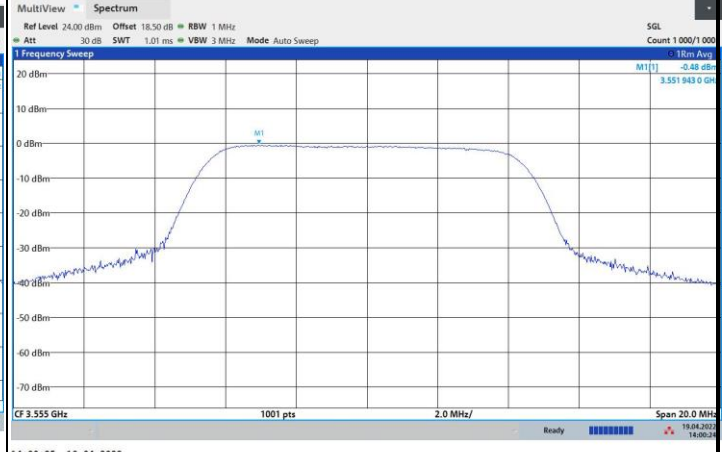
FR1 n48 / 10MHz / Lowest Channel / PSD

QPSK



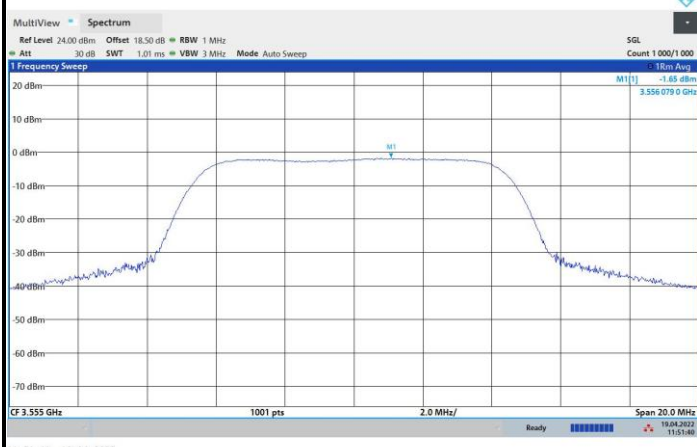
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16QAM



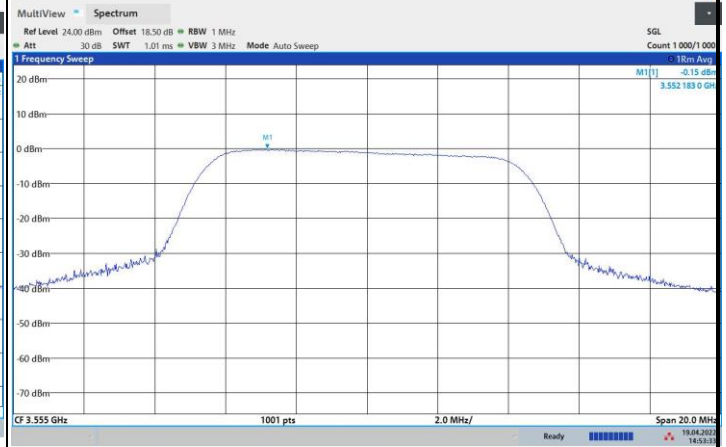
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64QAM



11:51:41 19.04.2022

256QAM

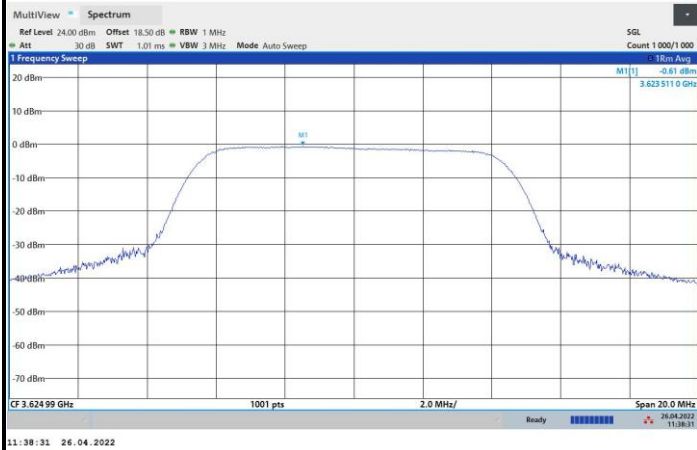


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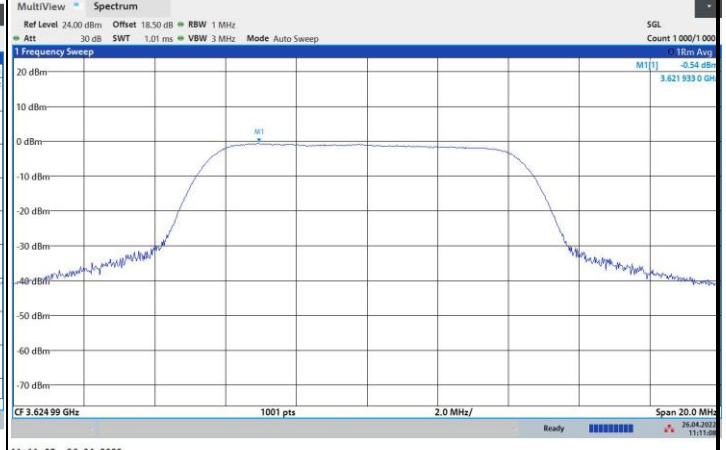
FR1 n48 / 10MHz / Middle Channel / PSD

QPSK



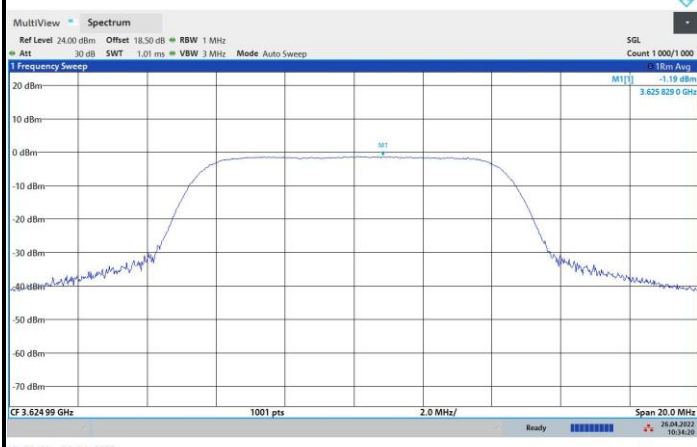
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16QAM



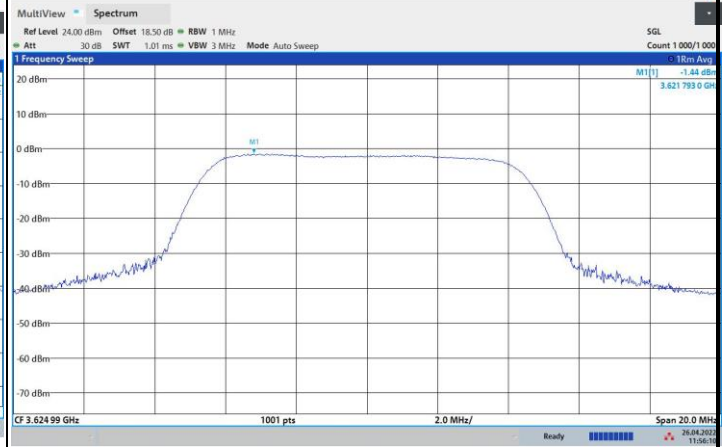
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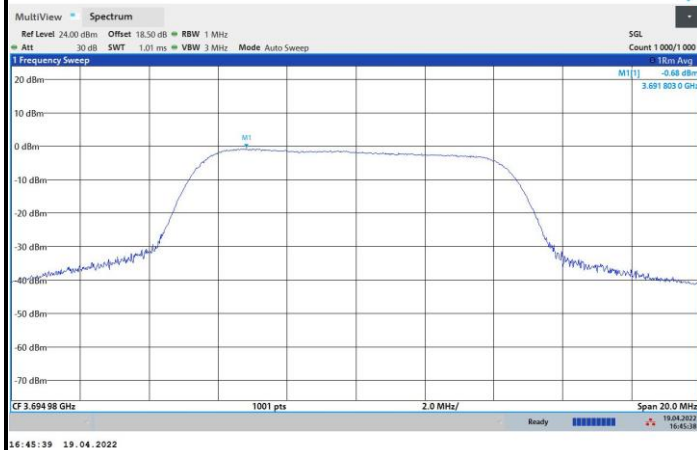


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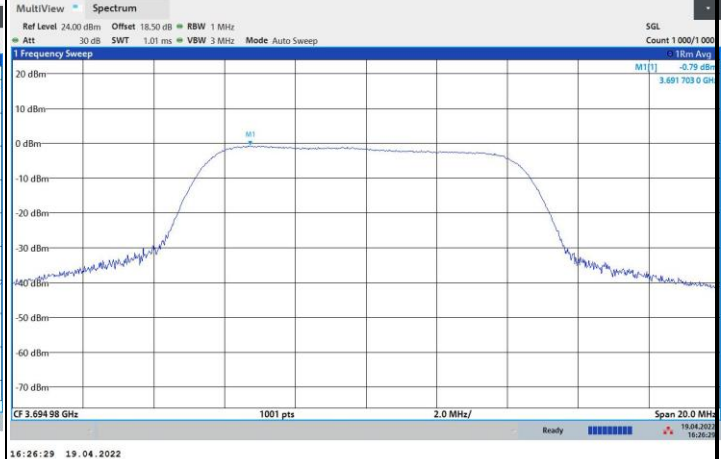


FR1 n48 / 10MHz / Highest Channel / PSD

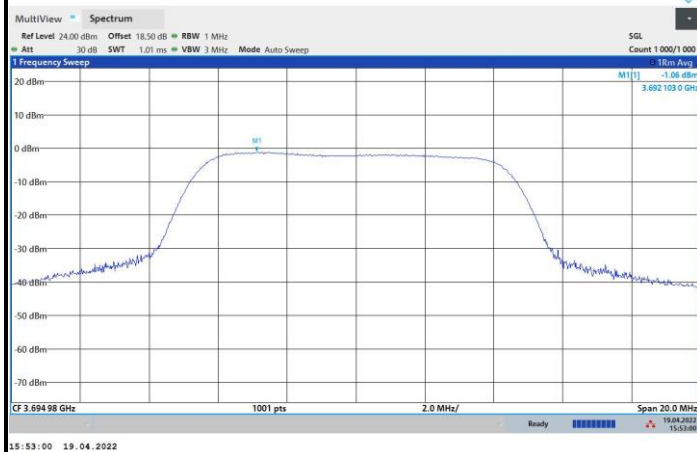
QPSK



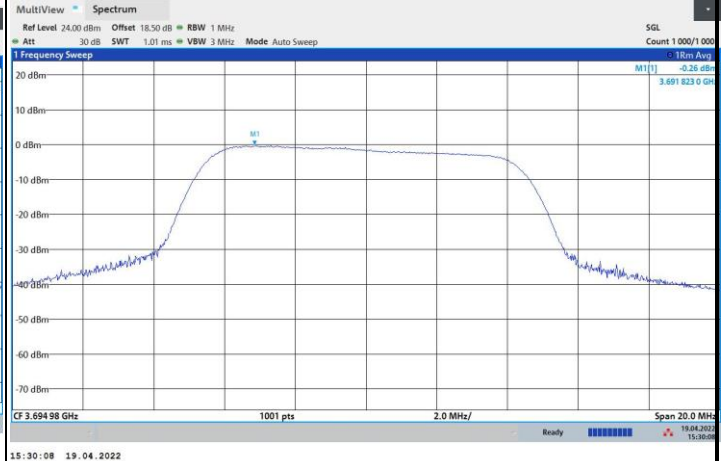
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64QAM



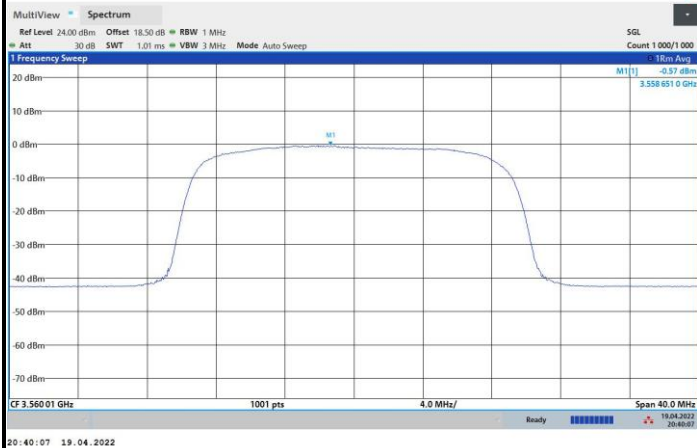
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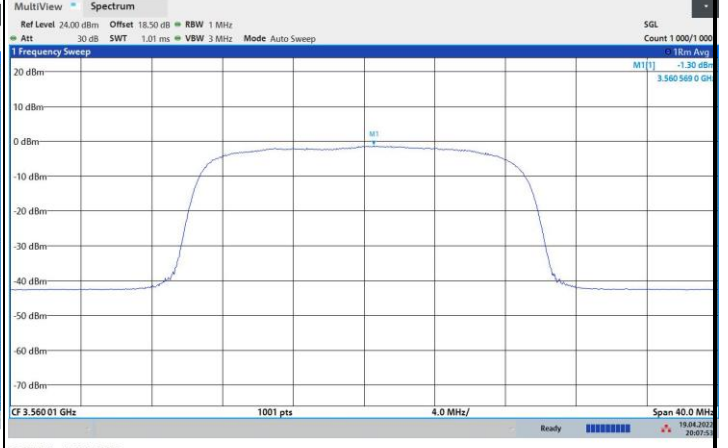
FR1 n48 / 20MHz / Lowest Channel / PSD

QPSK



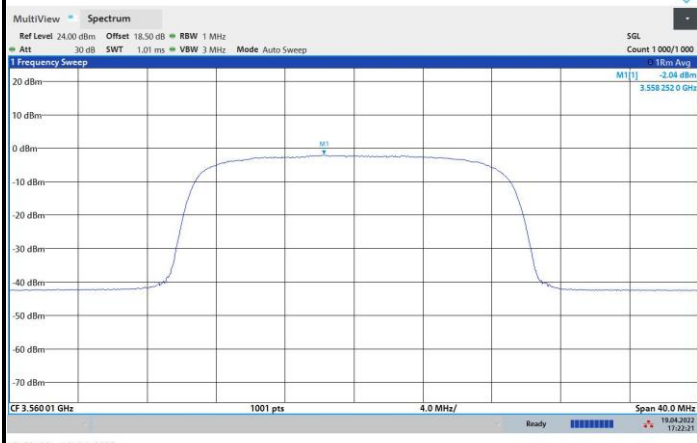
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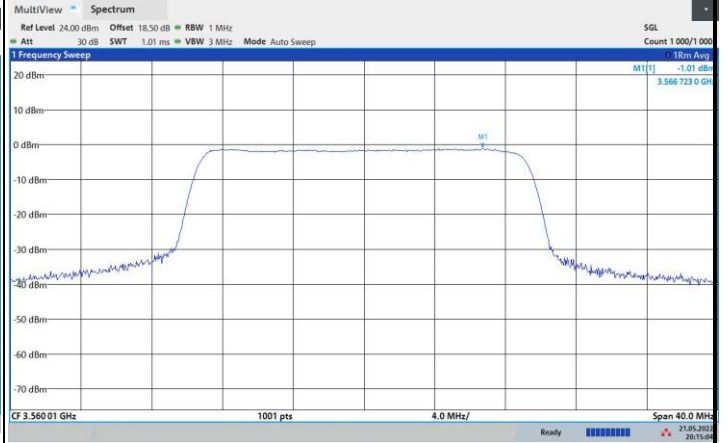
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17:22:22 19.04.2022

256QAM

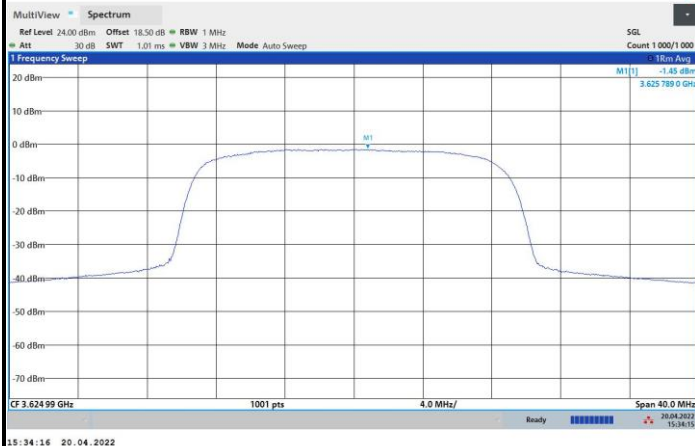


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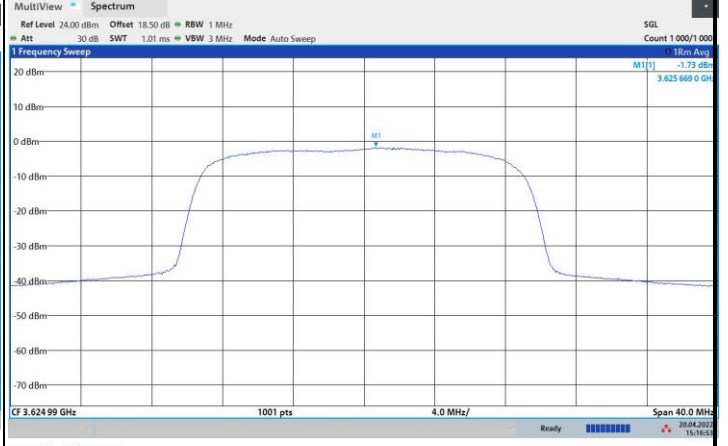
FR1 n48 / 20MHz / Middle Channel / PSD

QPSK



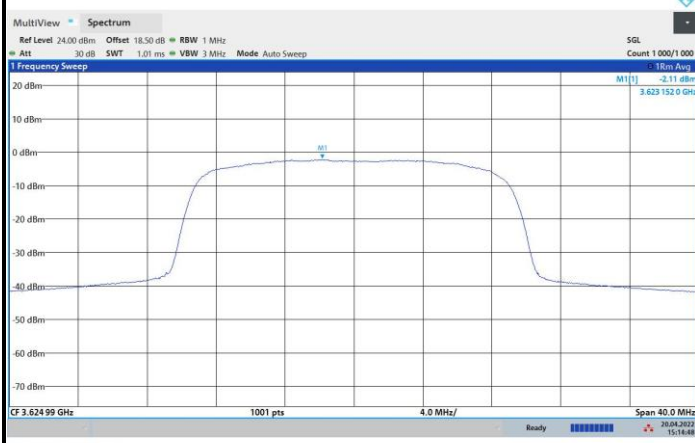
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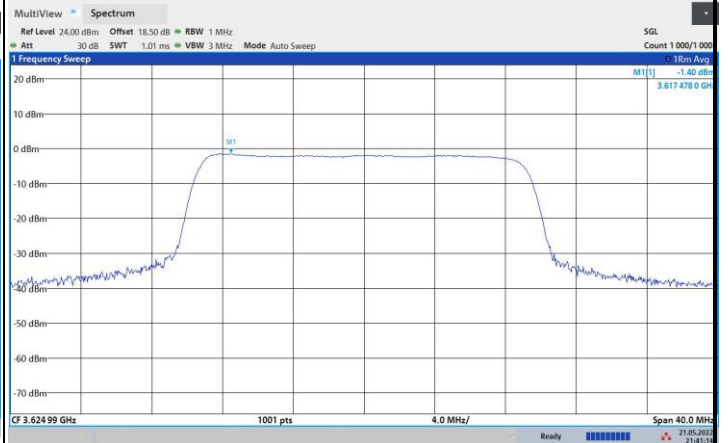
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64QAM



15:14:48 20.04.2022

256QAM

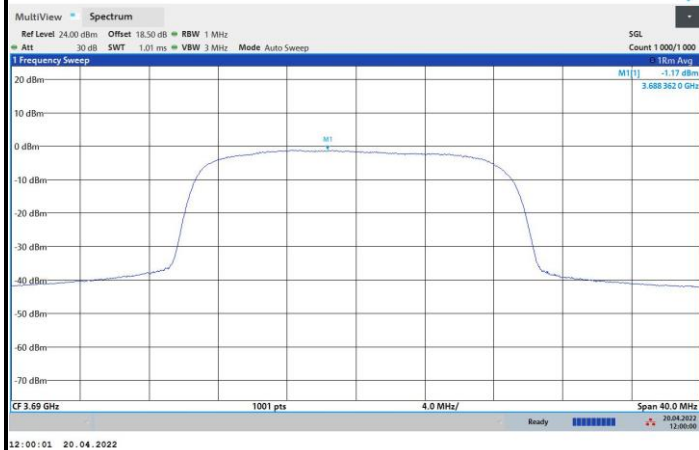


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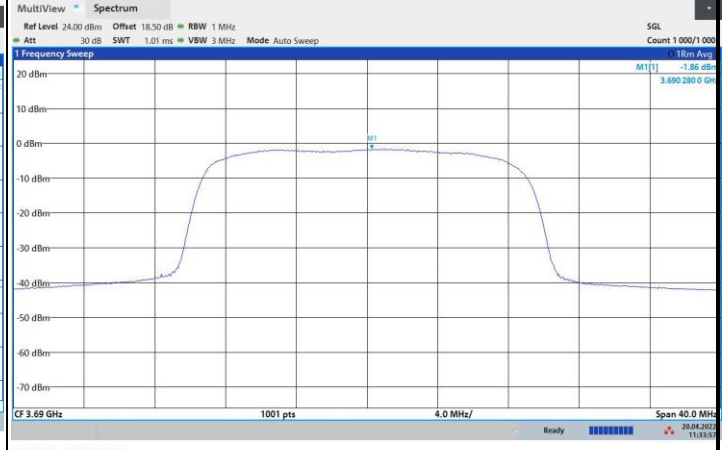


FR1 n48 / 20MHz / Highest Channel / PSD

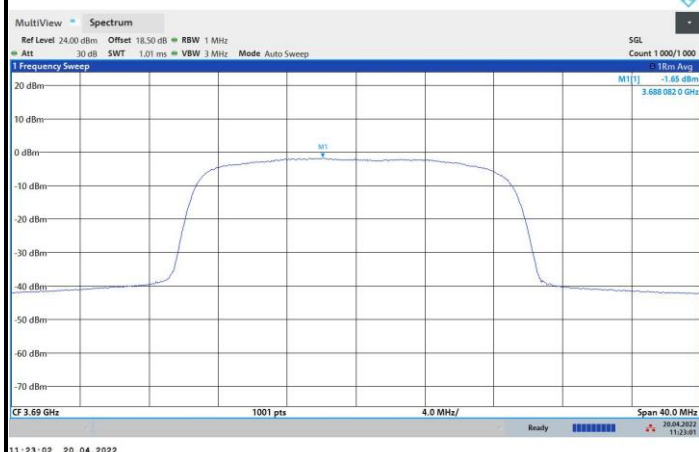
QPSK



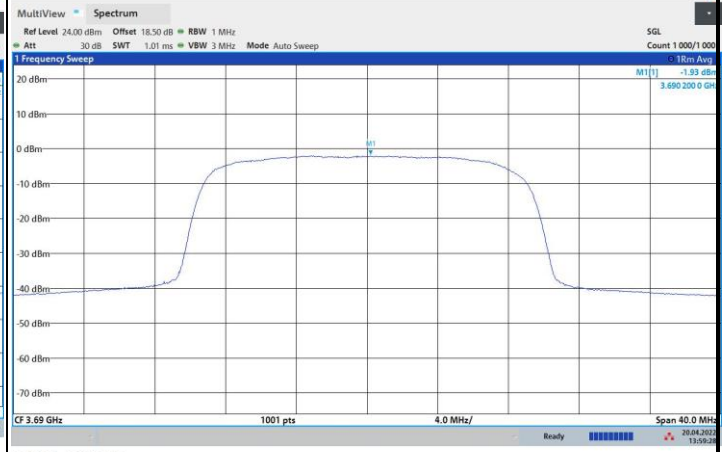
16QAM



64QAM



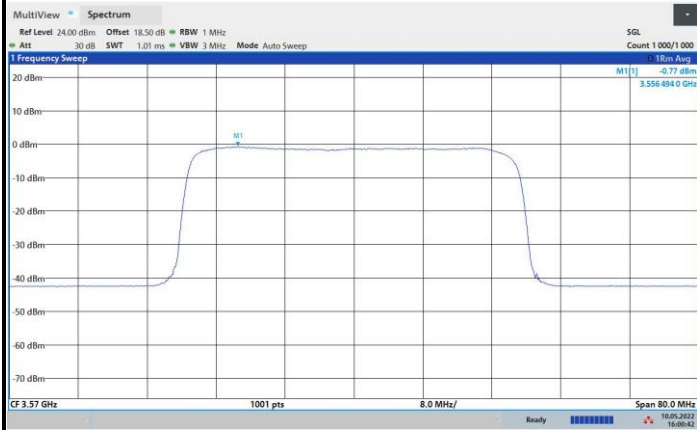
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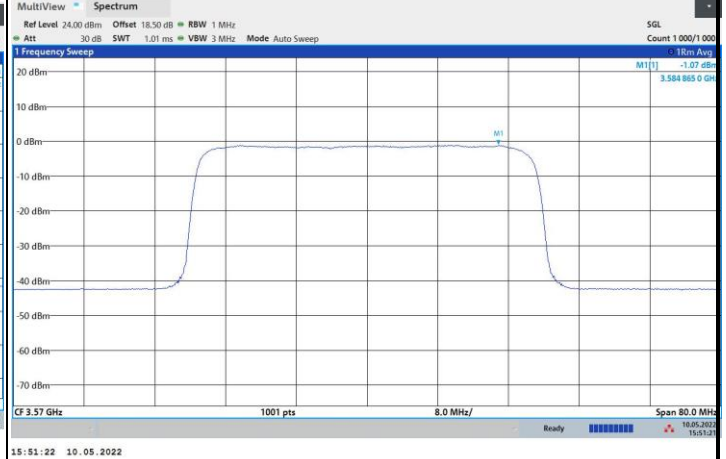


FR1 n48 / 40MHz / Lowest Channel / PSD

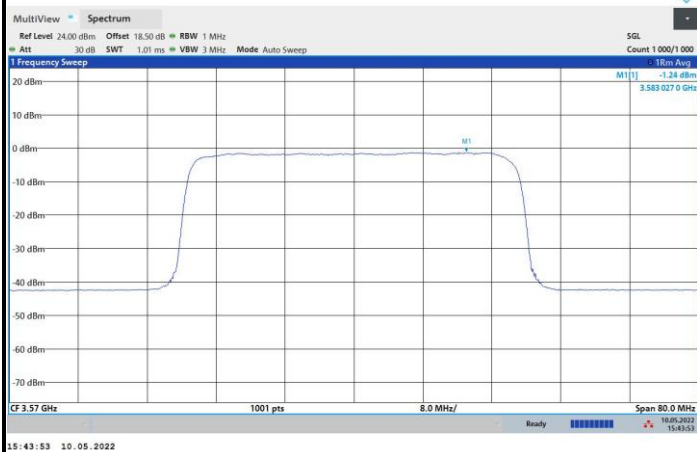
QPSK



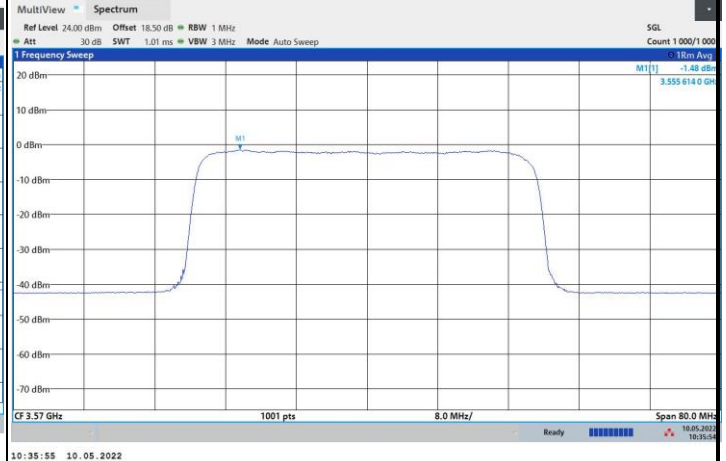
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64QAM



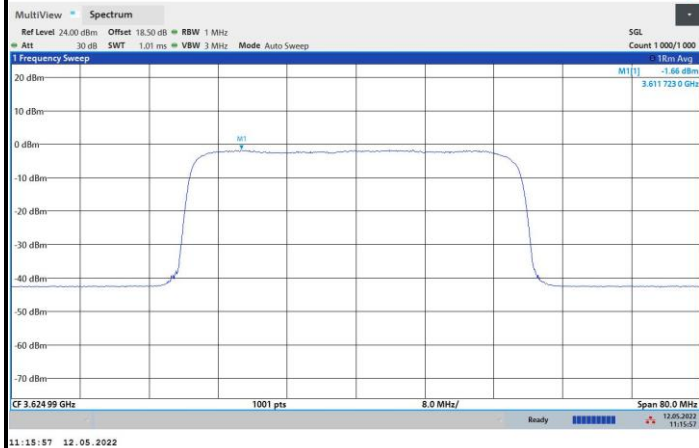
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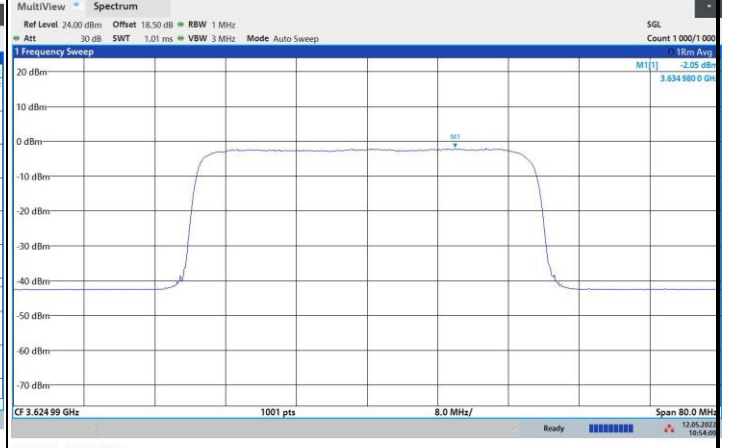
FR1 n48 / 40MHz / Middle Channel / PSD

QPSK



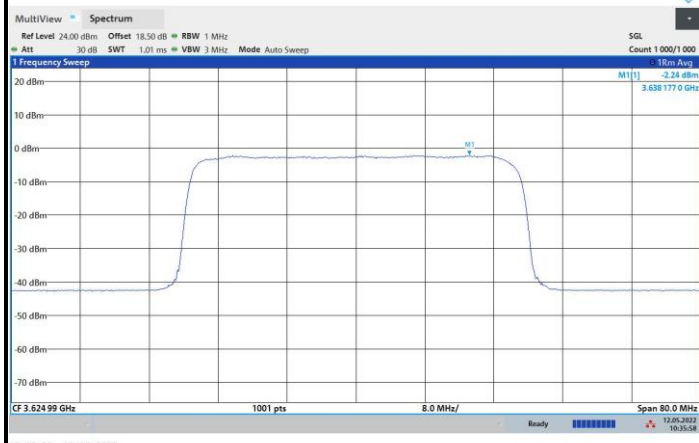
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16QAM



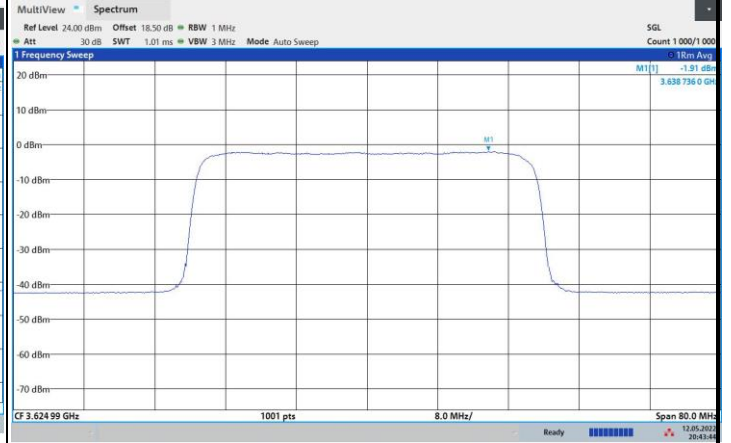
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64QAM



10:35:59 12.05.2022

256QAM

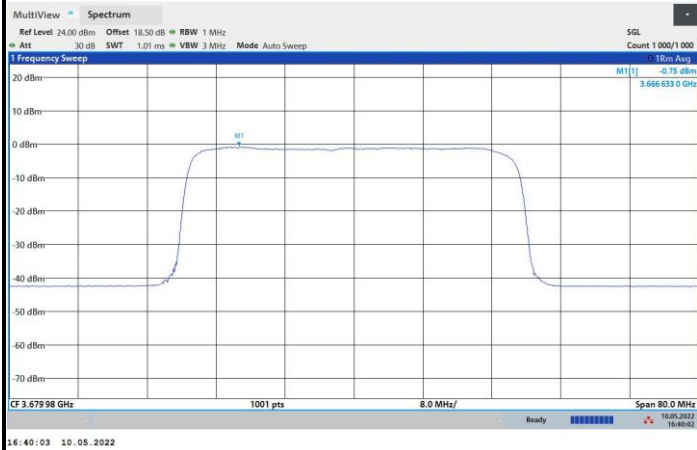


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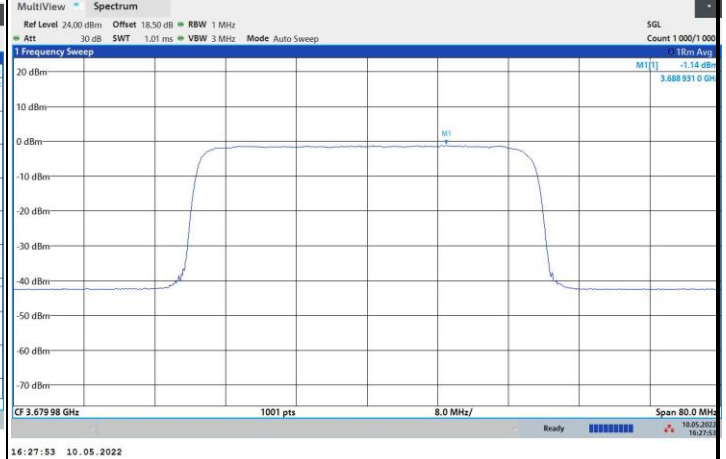


FR1 n48 / 40MHz / Highest Channel / PSD

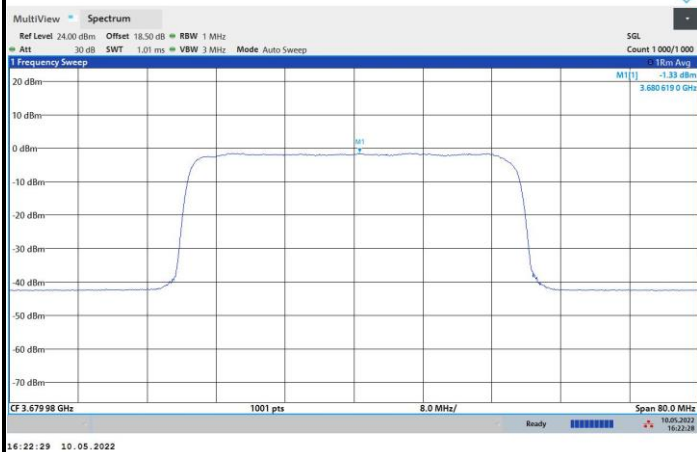
QPSK



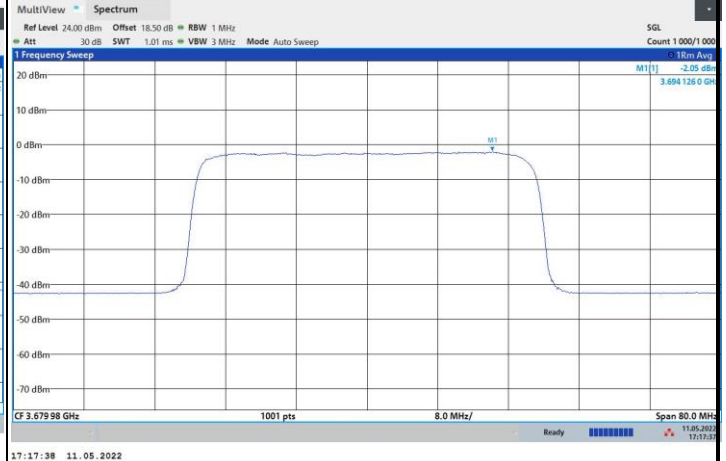
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64QAM



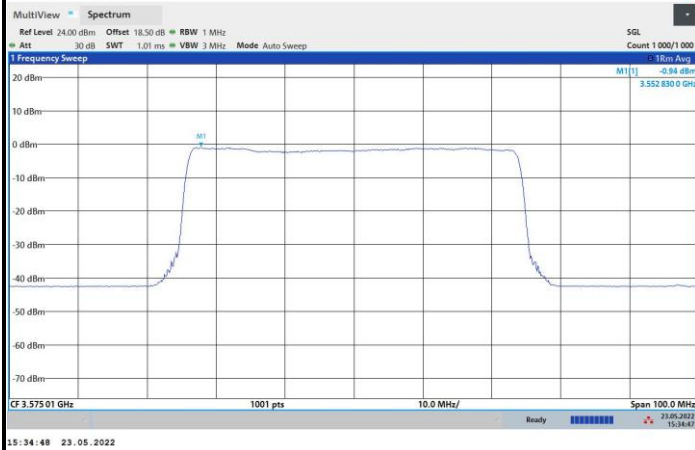
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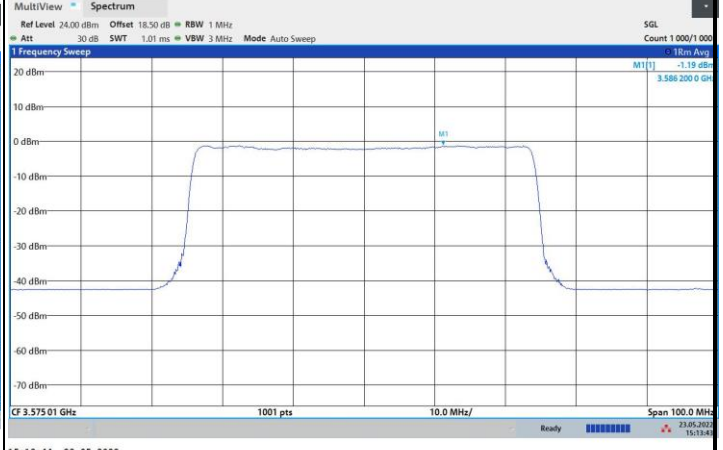
FR1 n48 / 50MHz / Lowest Channel / PSD

QPSK



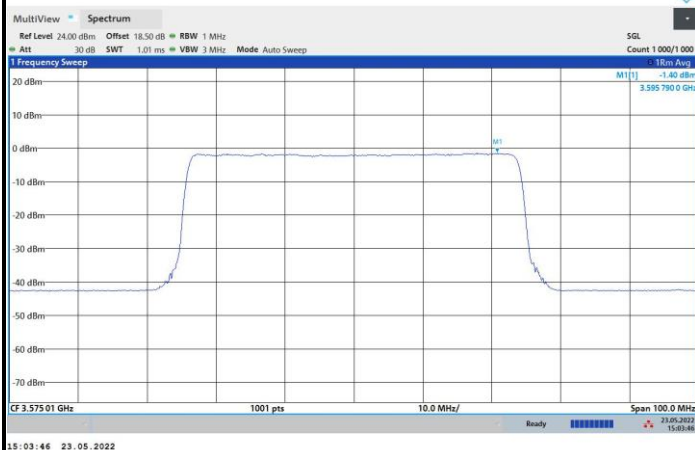
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16QAM



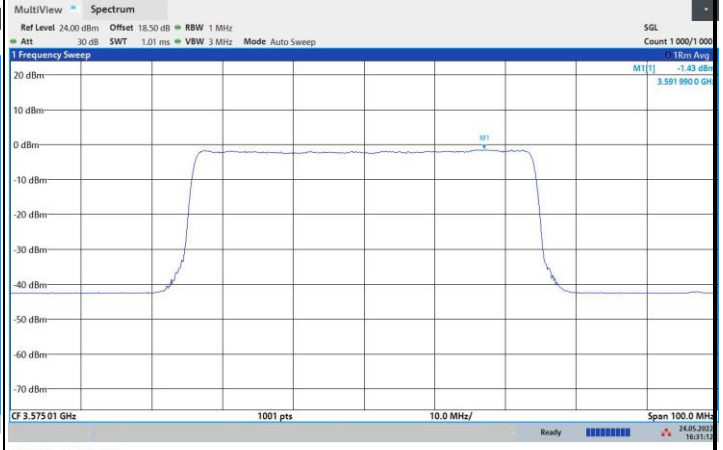
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64QAM



15:03:48 23.05.2022

256QAM

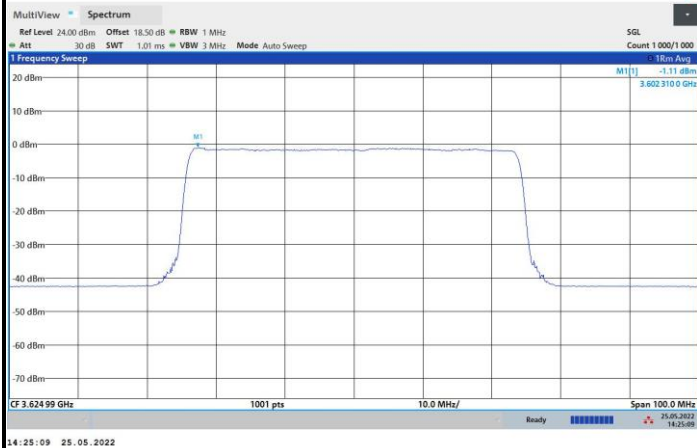


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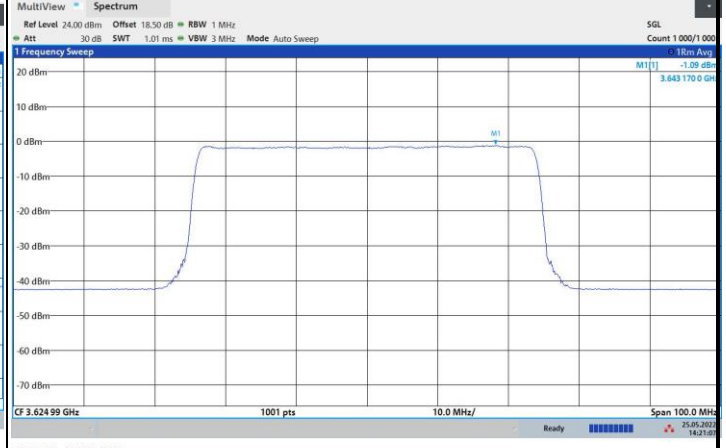
FR1 n48 / 50MHz / Middle Channel / PSD

QPSK



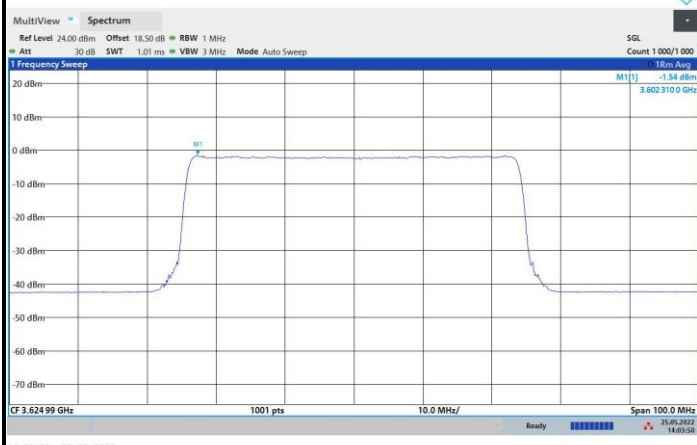
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16QAM



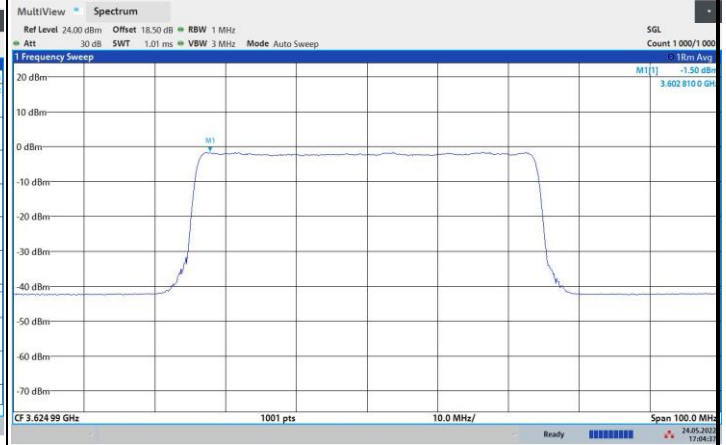
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64QAM



14:03:50 25.05.2022

256QAM

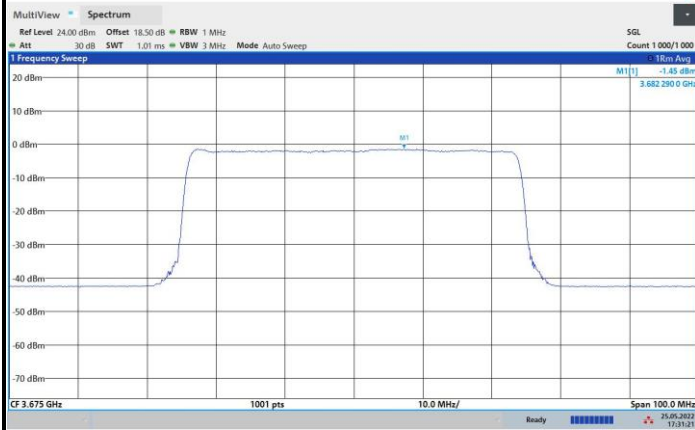


17:04:38 25.05.2022



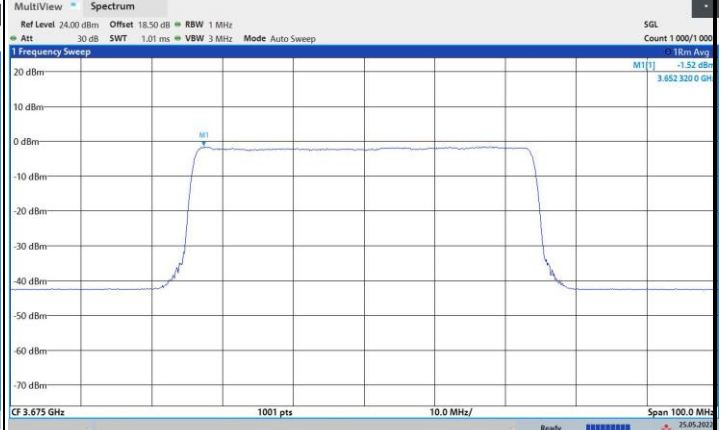
FR1 n48 / 50MHz / Highest Channel / PSD

QPSK



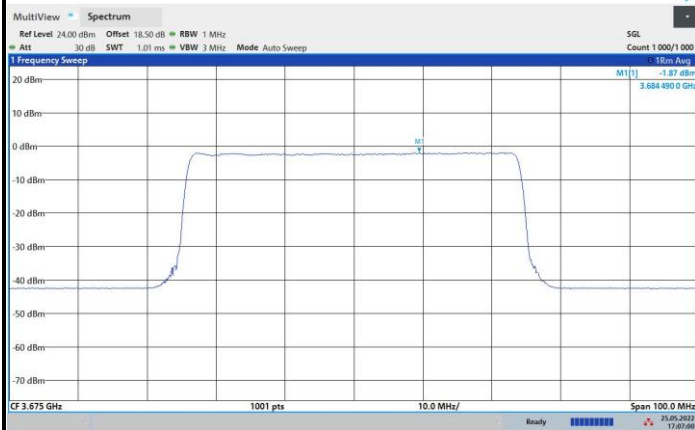
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16QAM



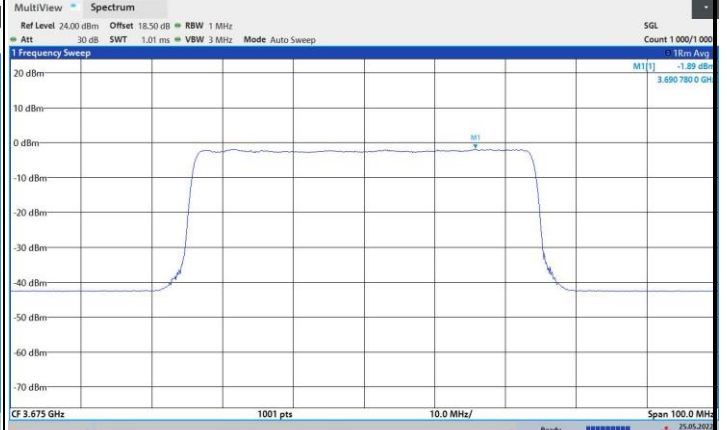
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64QAM



17:07:00 25.05.2022

256QAM

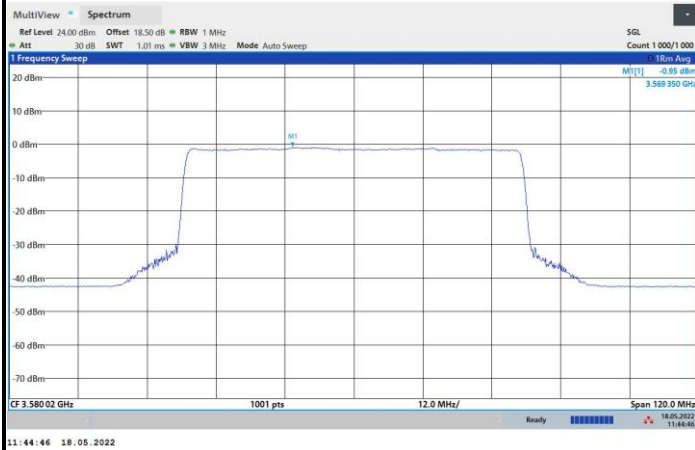


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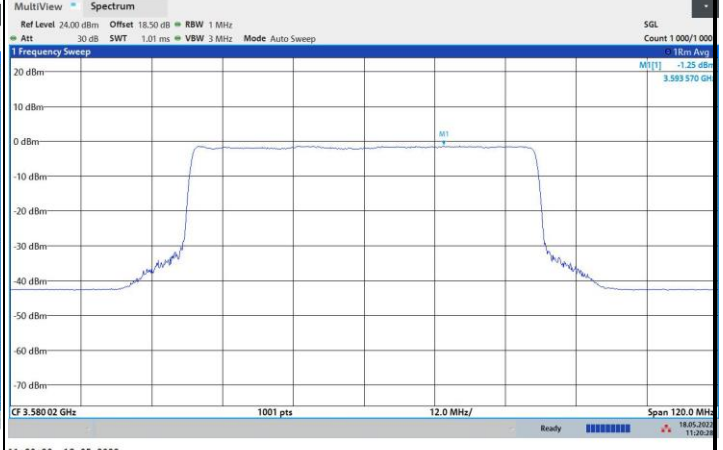
FR1 n48 / 60MHz / Lowest Channel / PSD

QPSK



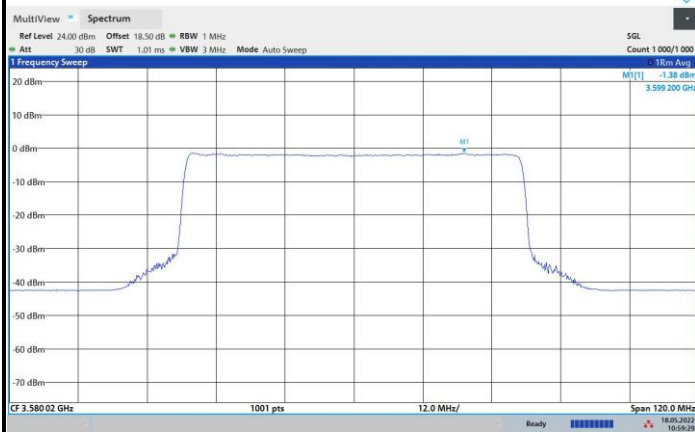
11:44:46 18.05.2022

16QAM



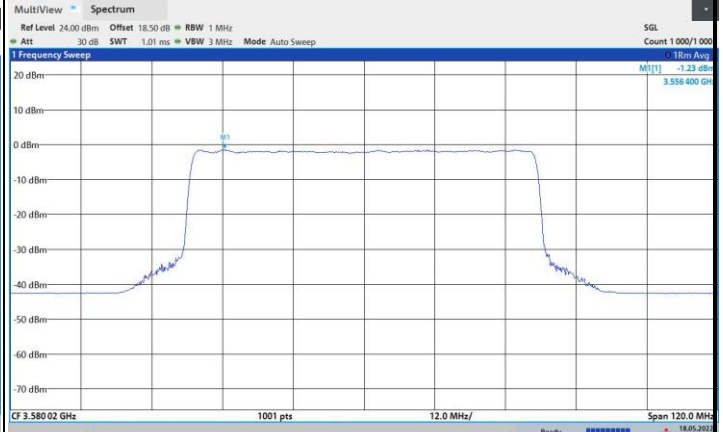
11:20:29 18.05.2022

64QAM



10:59:30 18.05.2022

256QAM

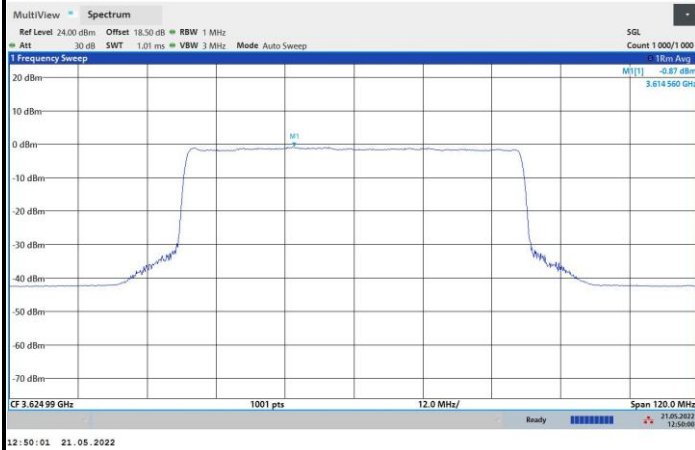


15:06:12 18.05.2022



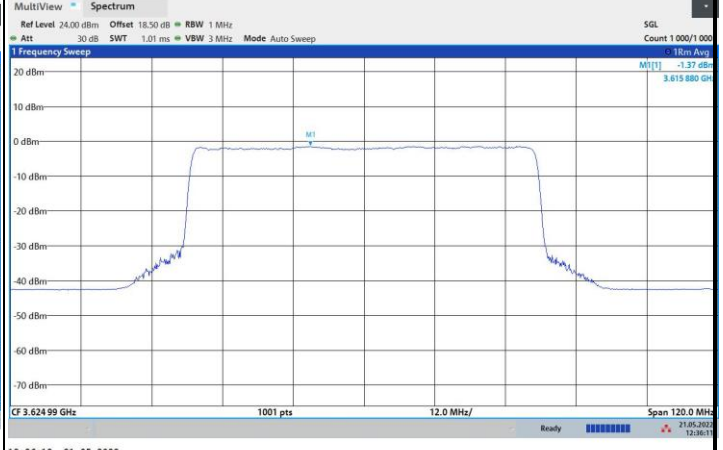
FR1 n48 / 60MHz / Middle Channel / PSD

QPSK



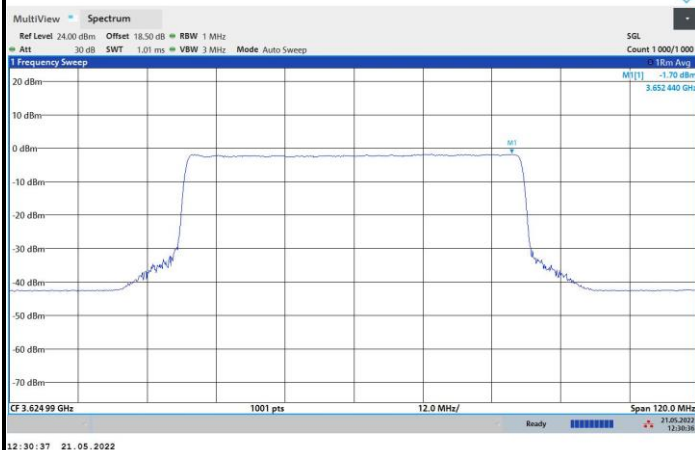
12:30:01 21.05.2022

16QAM



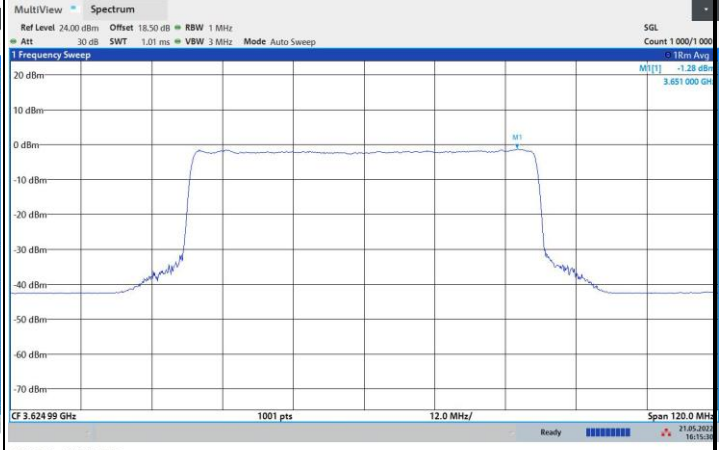
12:36:12 21.05.2022

64QAM



12:36:38 21.05.2022

256QAM

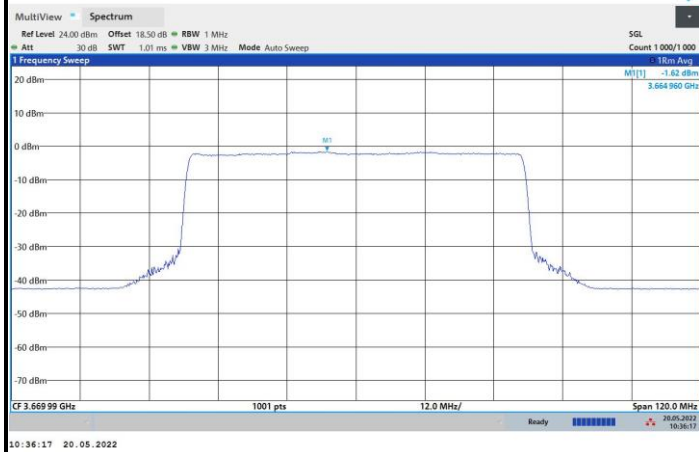


16:15:31 21.05.2022

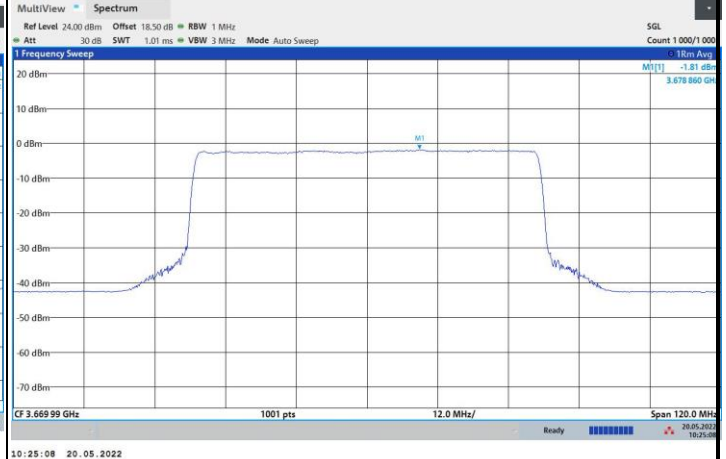


FR1 n48 / 60MHz / Highest Channel / PSD

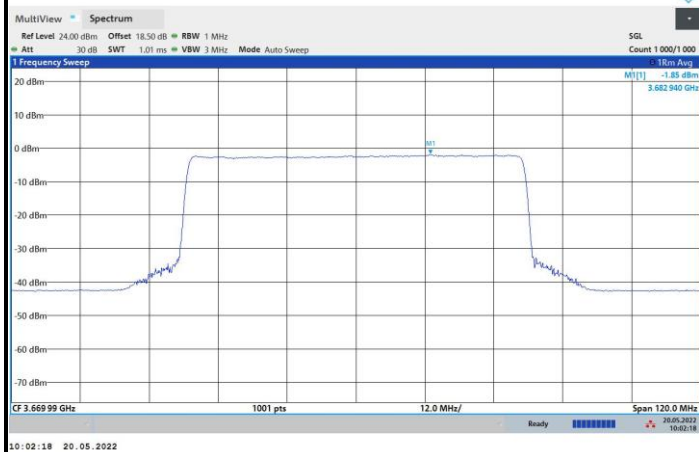
QPSK



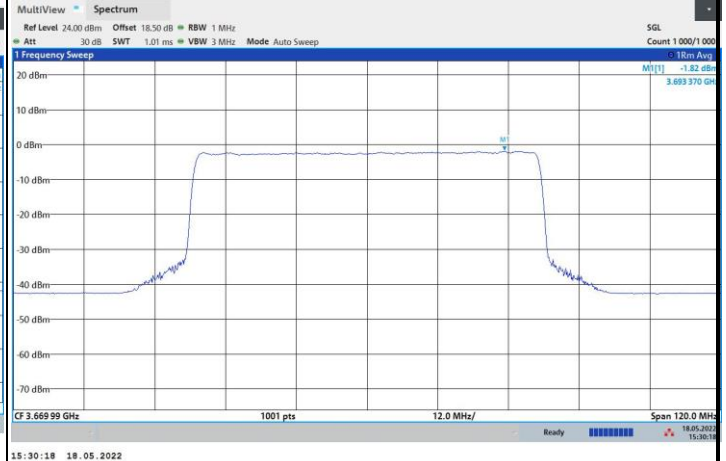
16QAM



64QAM



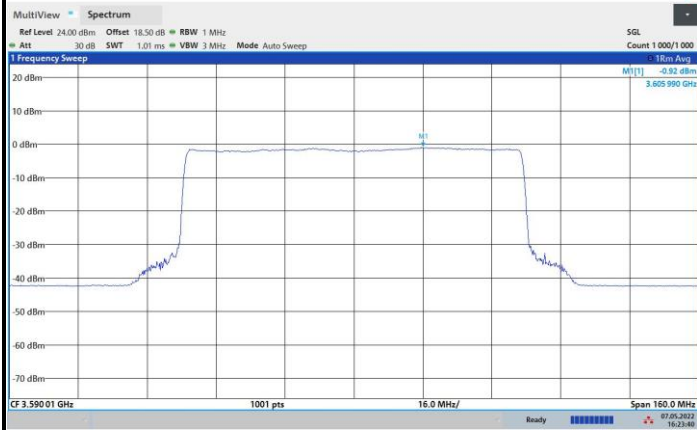
256QAM





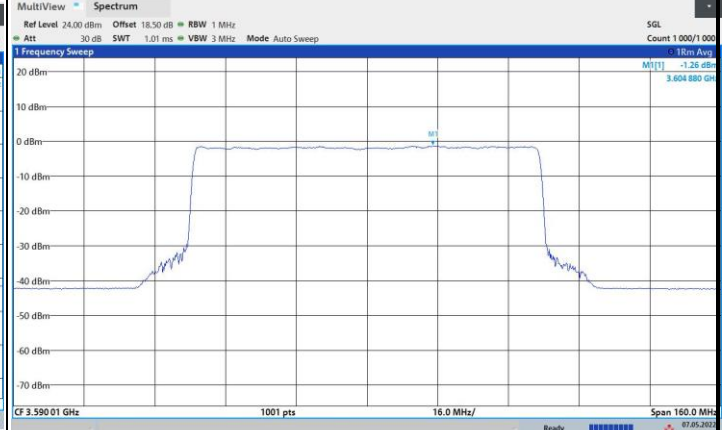
FR1 n48 / 80MHz / Lowest Channel / PSD

QPSK



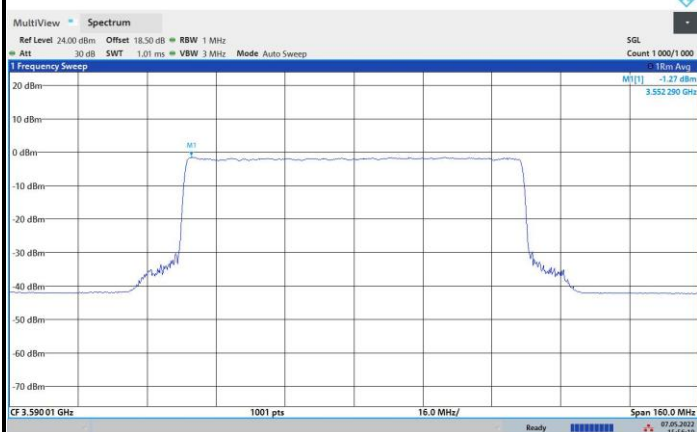
16:23:41 07.05.2022

16QAM



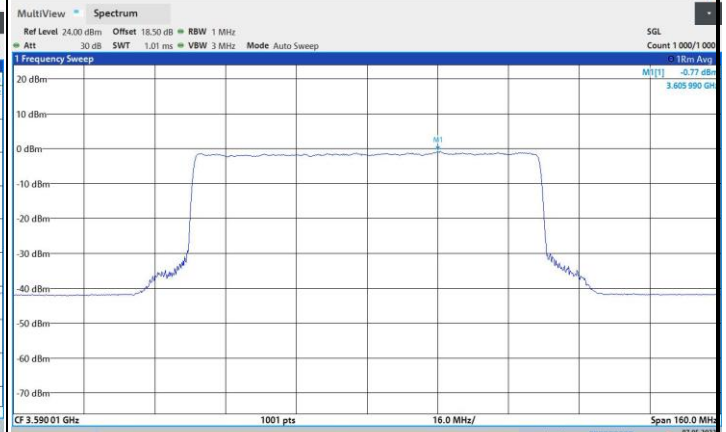
16:08:59 07.05.2022

64QAM



15:56:11 07.05.2022

256QAM

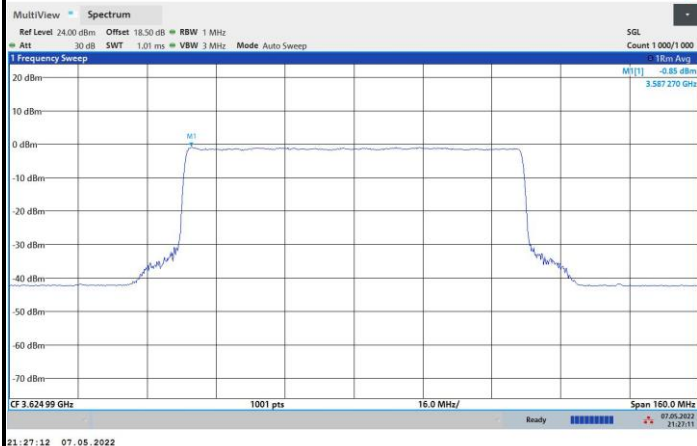


16:58:49 07.05.2022



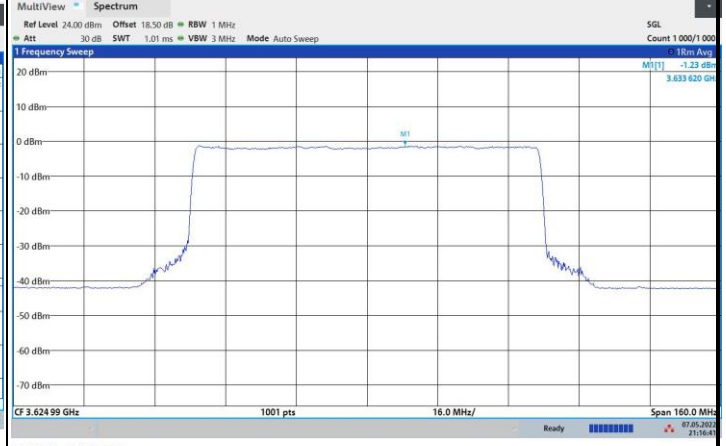
FR1 n48 / 80MHz / Middle Channel / PSD

QPSK



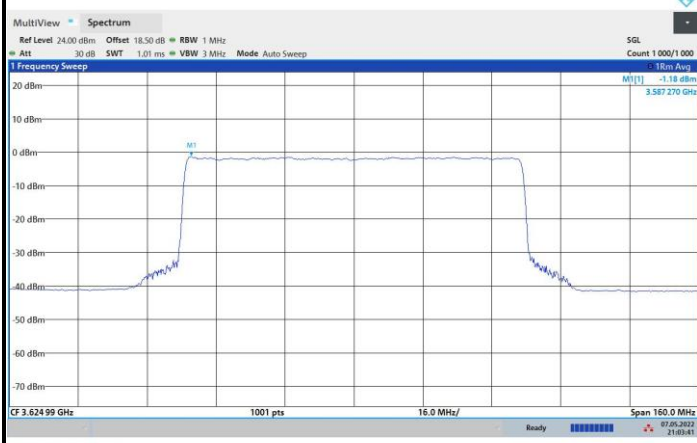
21:27:12 07.05.2022

16QAM



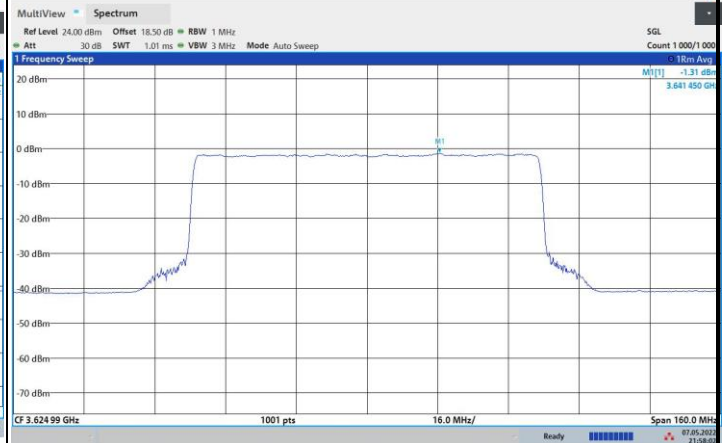
21:16:42 07.05.2022

64QAM



21:03:42 07.05.2022

256QAM

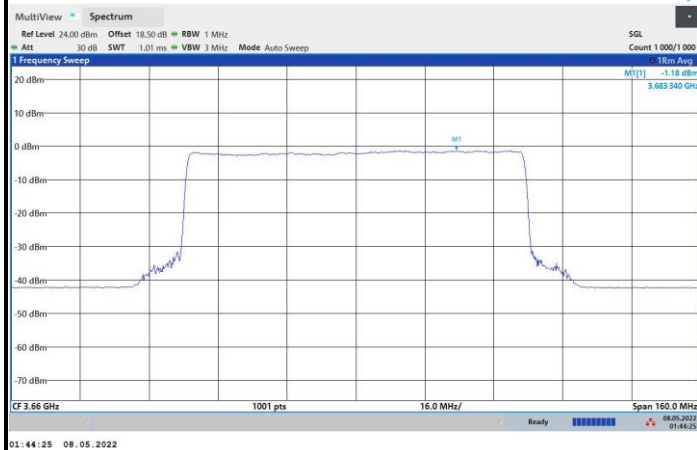


21:58:03 07.05.2022

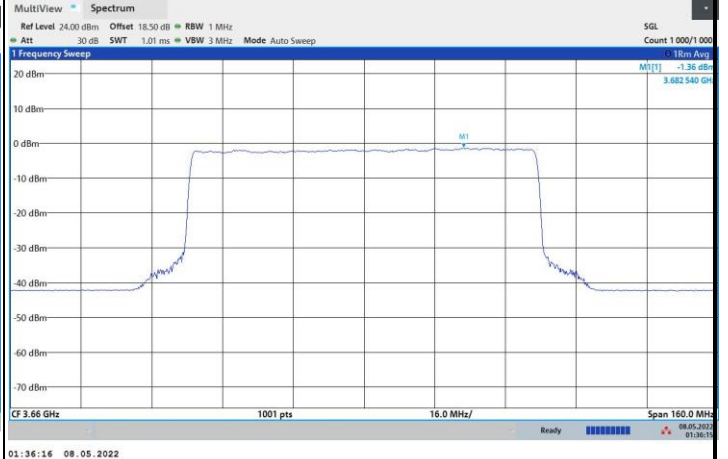


FR1 n48 / 80MHz / Highest Channel / PSD

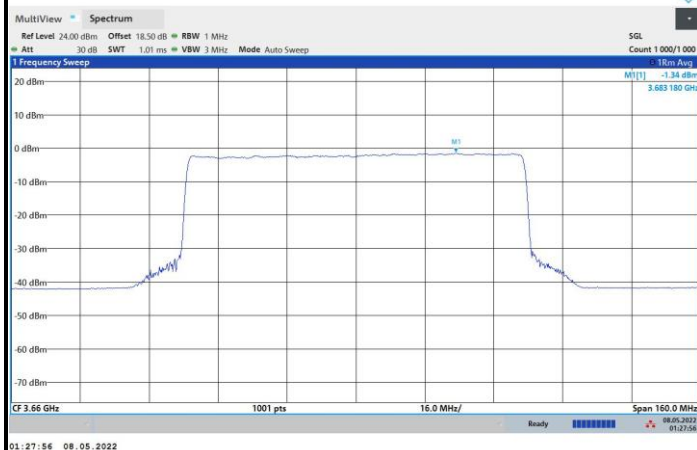
QPSK



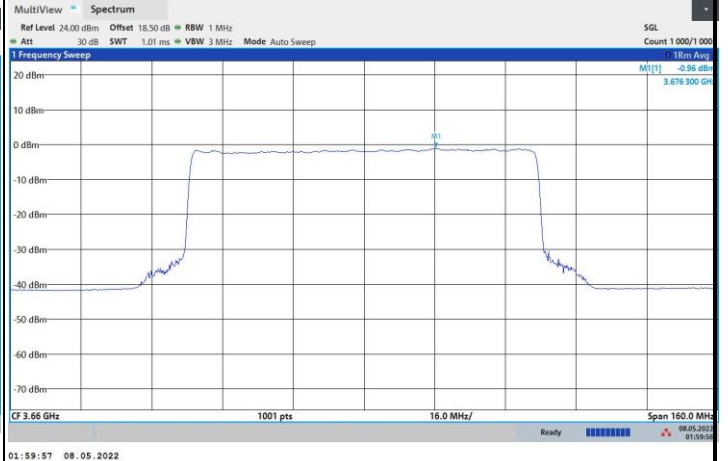
16QAM



64QAM



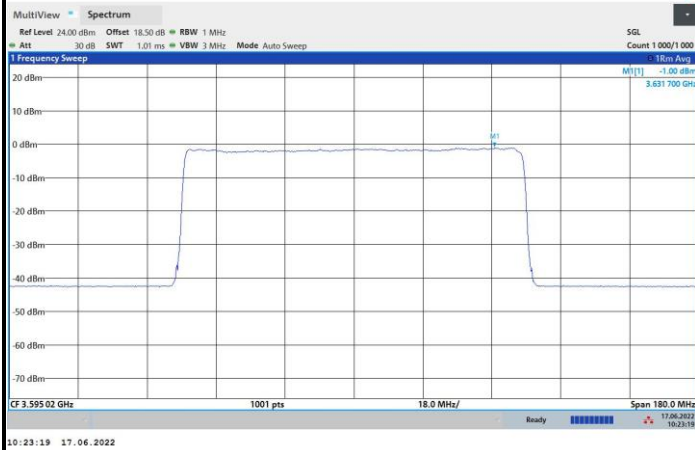
256QAM





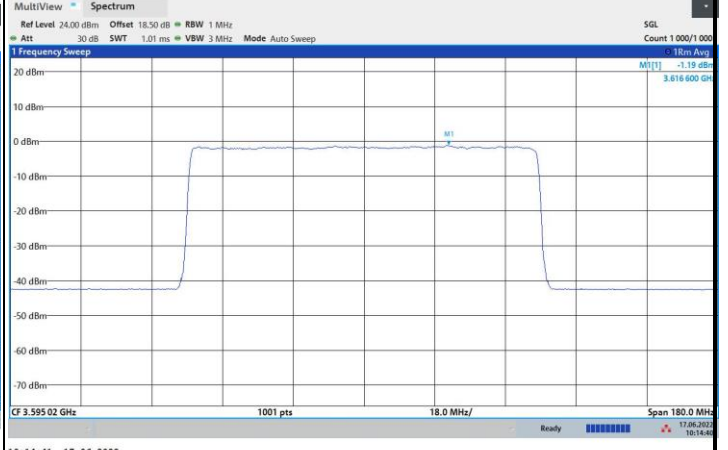
FR1 n48 / 90MHz / Lowest Channel / PSD

QPSK



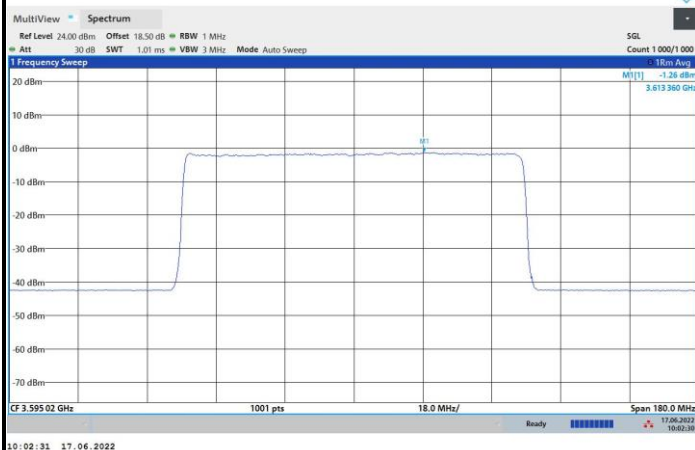
10:23:19 17.06.2022

16QAM



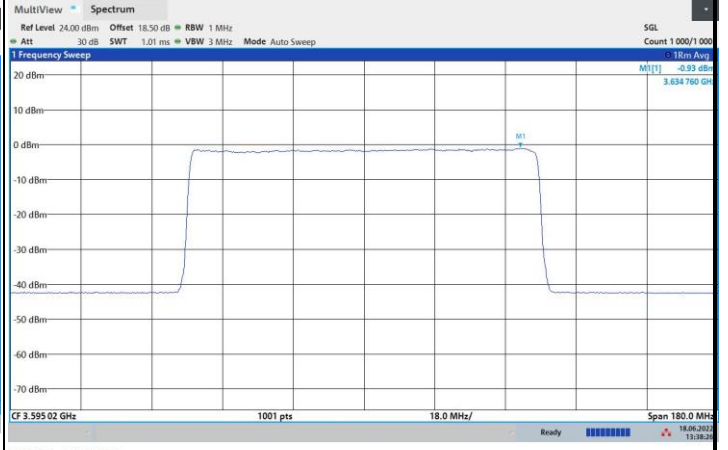
10:14:41 17.06.2022

64QAM



10:02:31 17.06.2022

256QAM

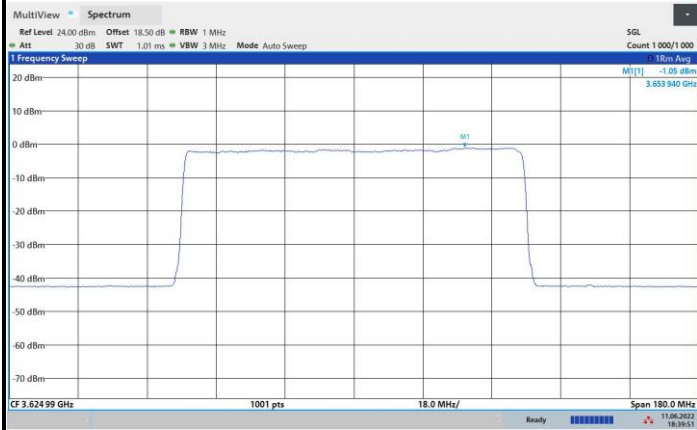


13:38:26 18.06.2022

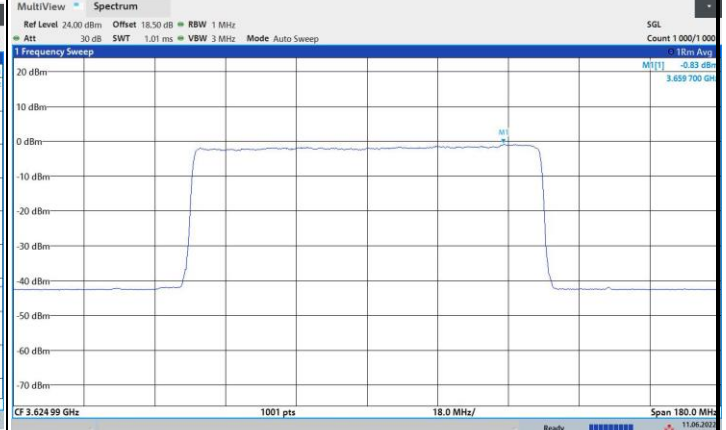


FR1 n48 / 90MHz / Middle Channel / PSD

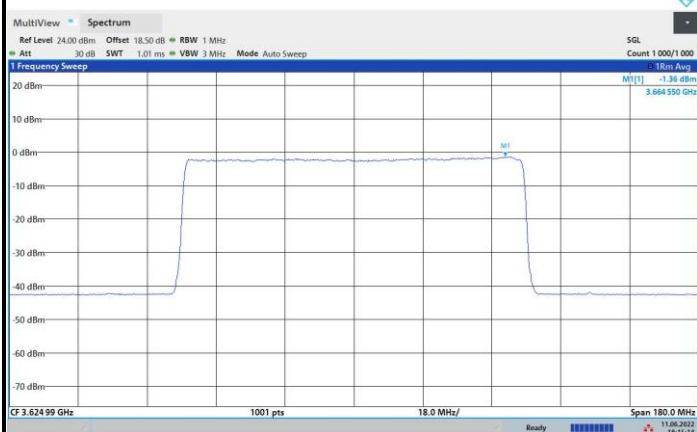
QPSK



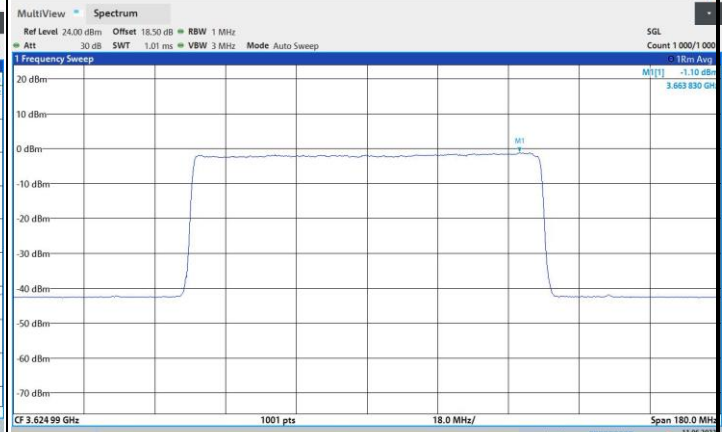
16QAM



64QAM



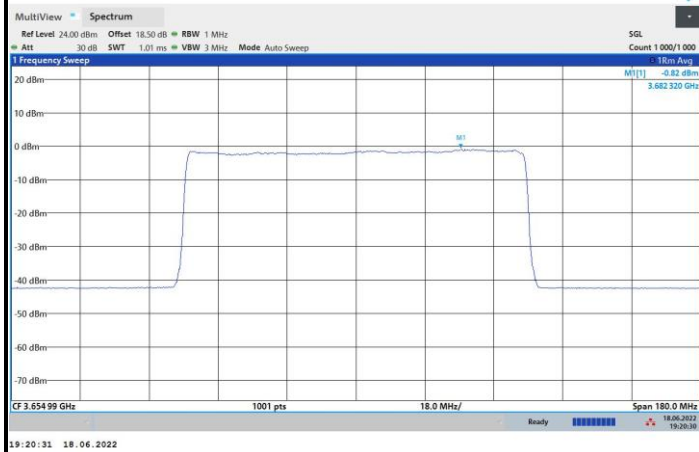
256QAM





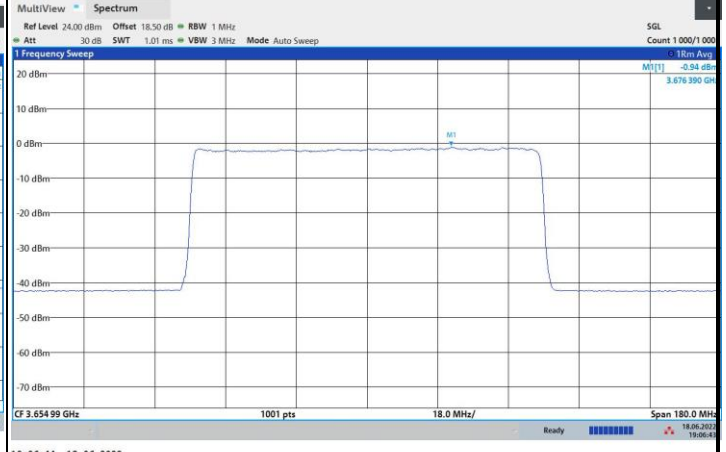
FR1 n48 / 90MHz / Highest Channel / PSD

QPSK



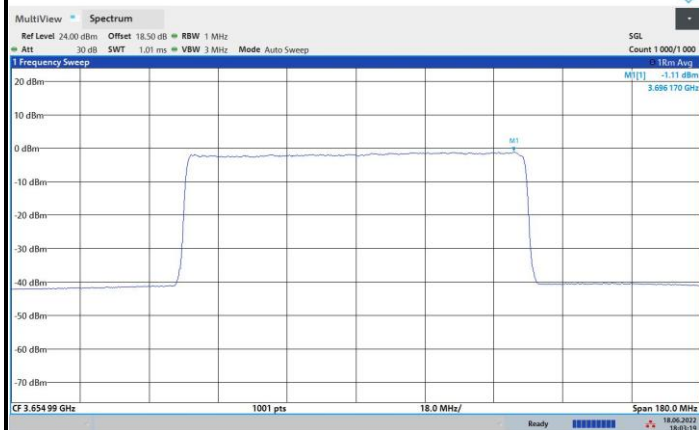
19:20:31 18.06.2022

16QAM



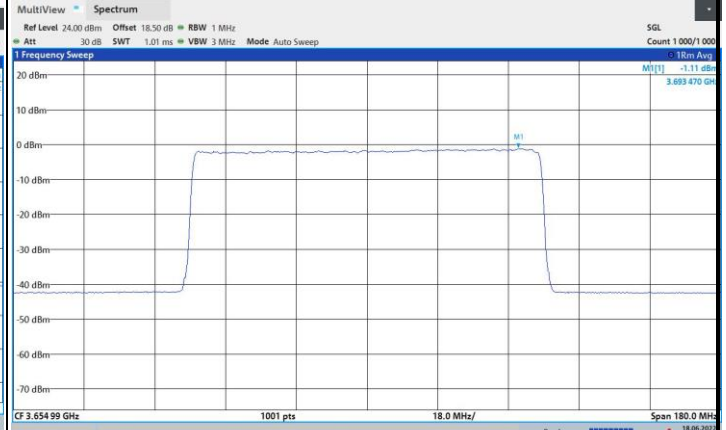
19:06:44 18.06.2022

64QAM



18:03:20 18.06.2022

256QAM



14:14:13 18.06.2022



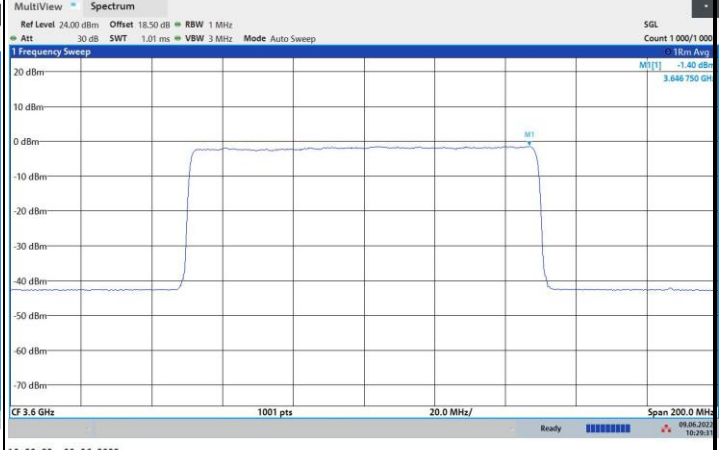
FR1 n48 / 100MHz / Lowest Channel / PSD

QPSK



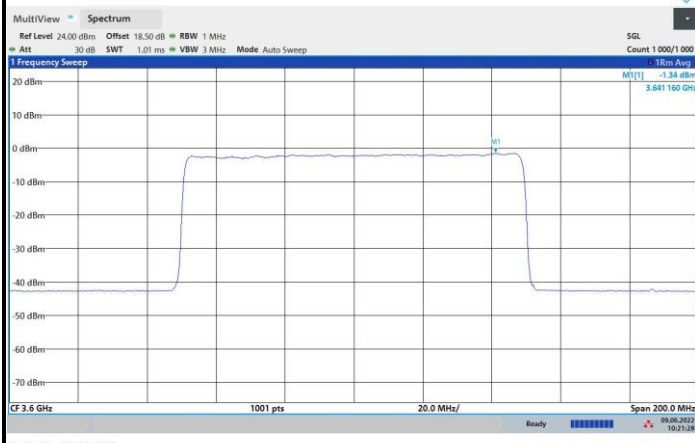
10:39:48 09.06.2022

16QAM



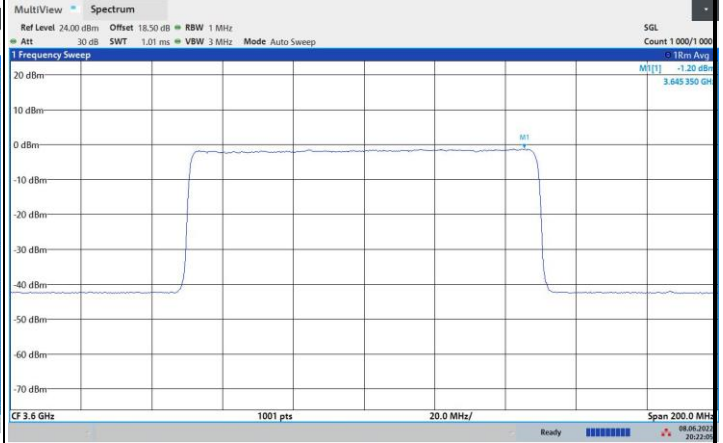
10:29:32 09.06.2022

64QAM



10:21:29 09.06.2022

256QAM

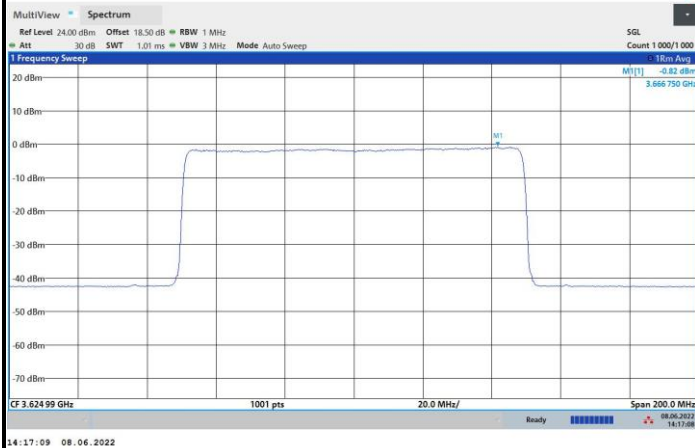


20:22:05 09.06.2022

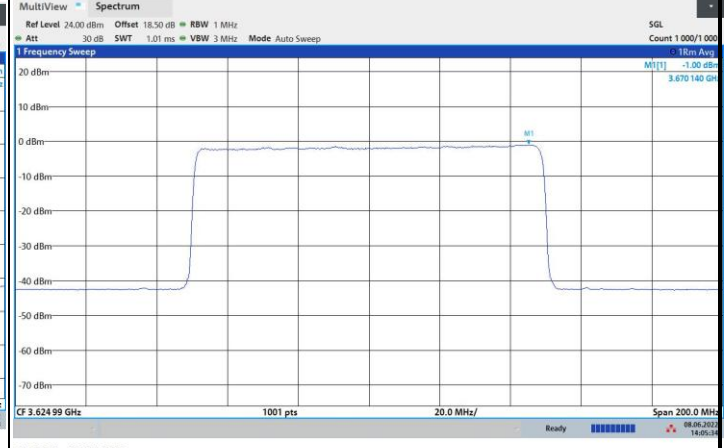


FR1 n48 / 100MHz / Middle Channel / PSD

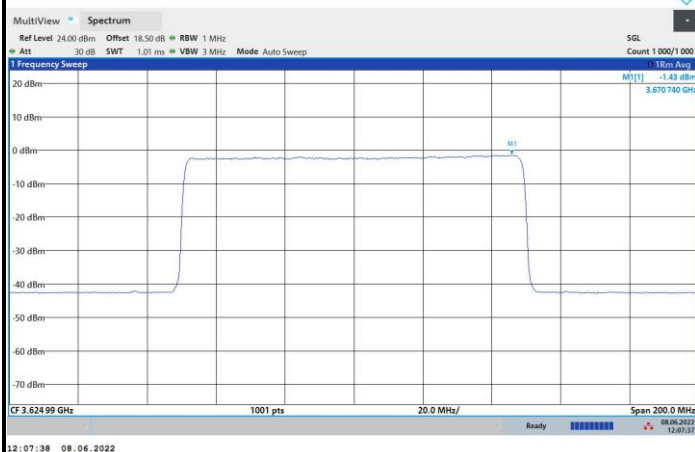
QPSK



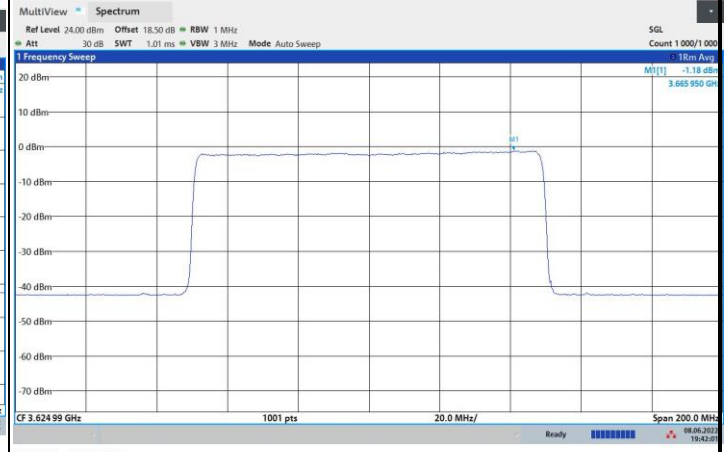
16QAM



64QAM



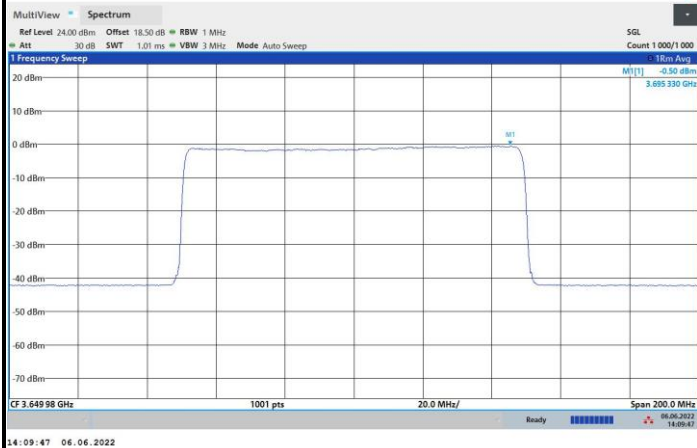
256QAM





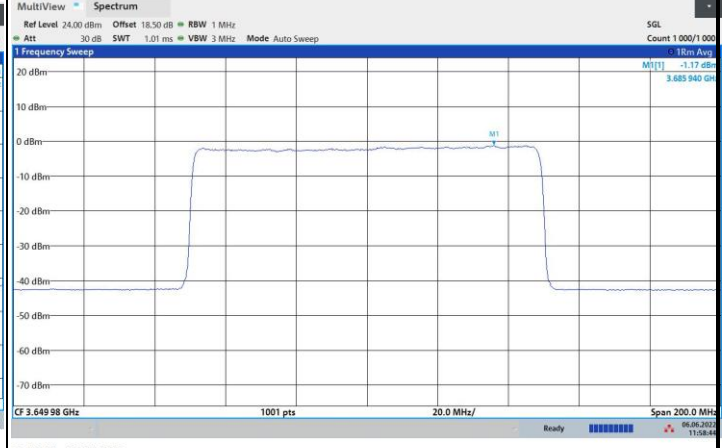
FR1 n48 / 100MHz / Highest Channel / PSD

QPSK



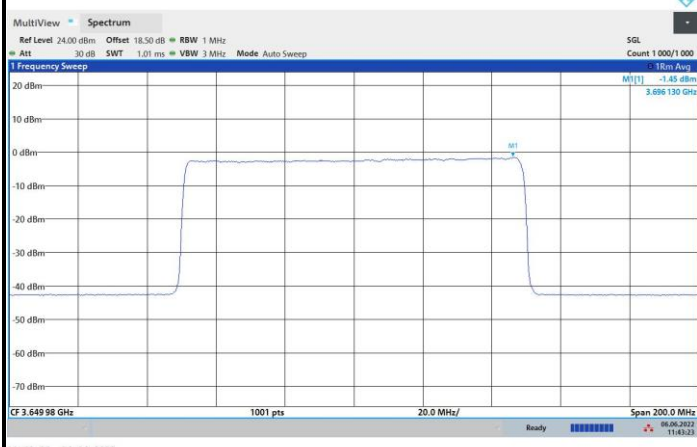
14:09:47 06.06.2022

16QAM



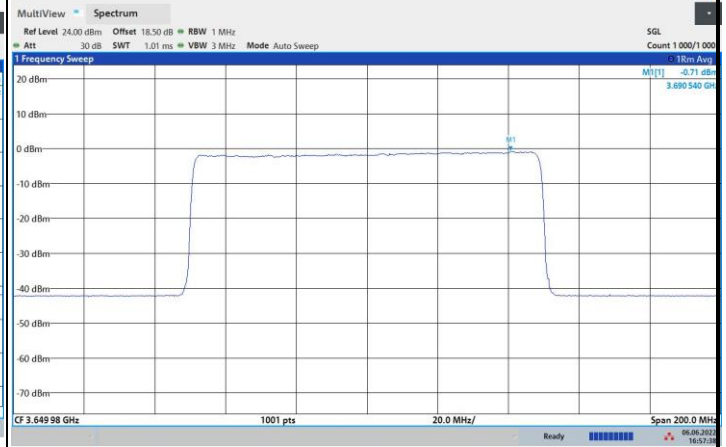
11:58:44 06.06.2022

64QAM



11:43:24 06.06.2022

256QAM

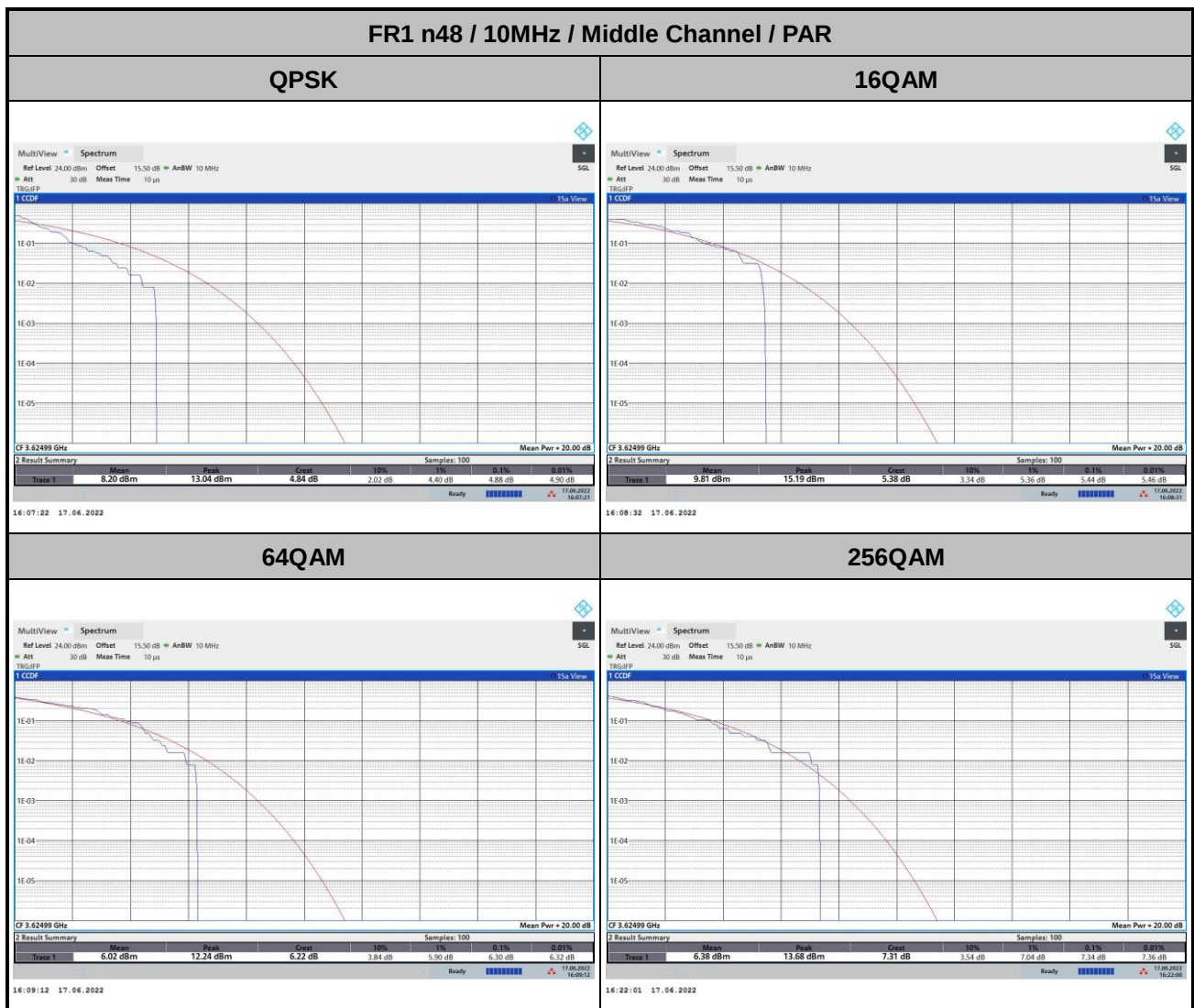


16:57:39 06.06.2022



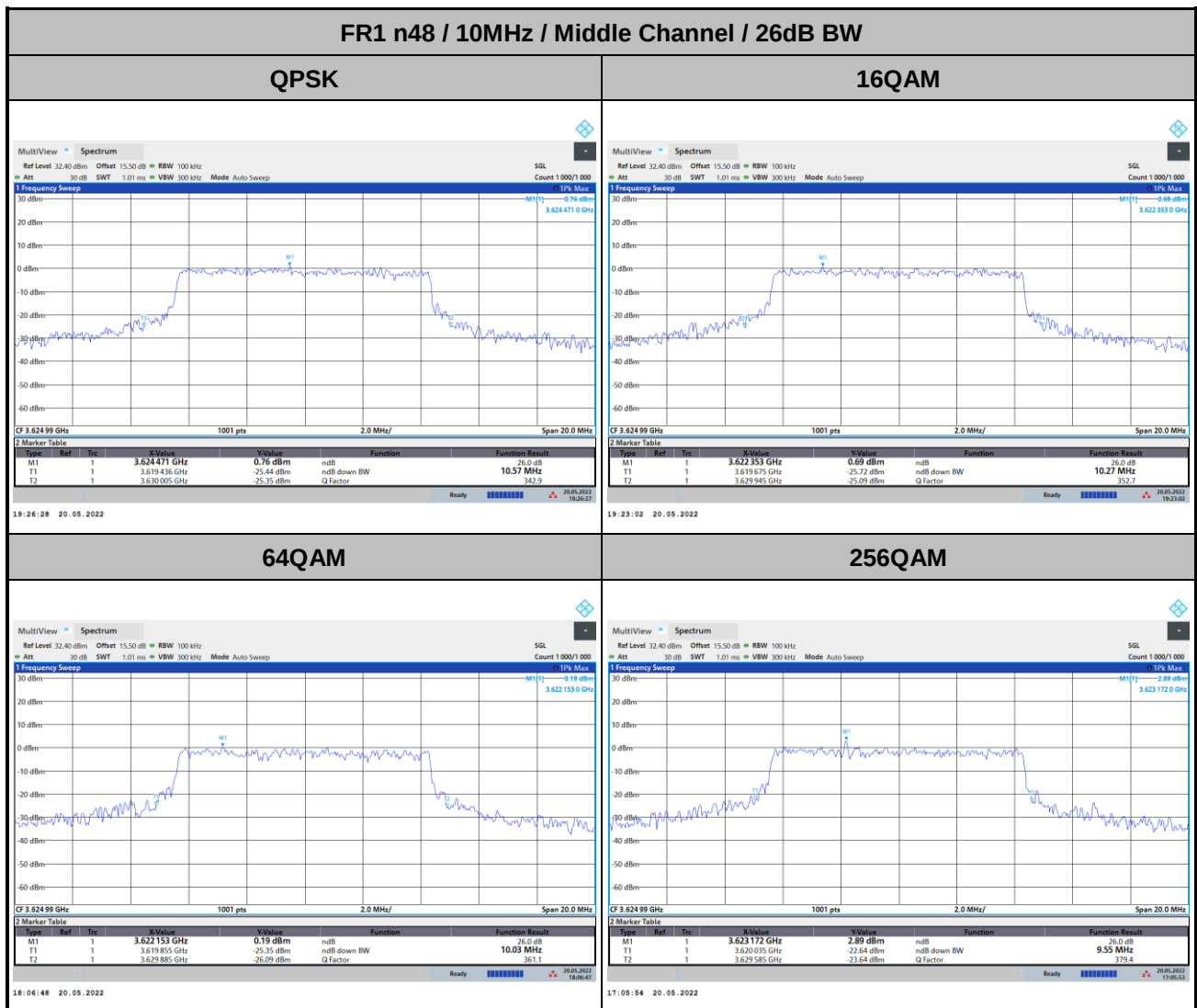
Peak-to-Average Ratio

Mode	FR1 n48 / 10MHz / PAR (dB)				Limit: 13dB
Mod.	QPSK	16QAM	64QAM	256QAM	Result
Middle CH	4.88	5.44	6.30	7.34	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	10.57	10.27	21.14	20.98	40.60	40.84	51.25	51.95
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	10.03	9.55	21.50	21.58	40.76	40.76	51.85	52.05
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	65.21	66.17	85.99	85.19	91.71	91.71	101.70	101.10
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	65.21	67.73	84.72	86.47	92.43	92.07	101.70	101.50

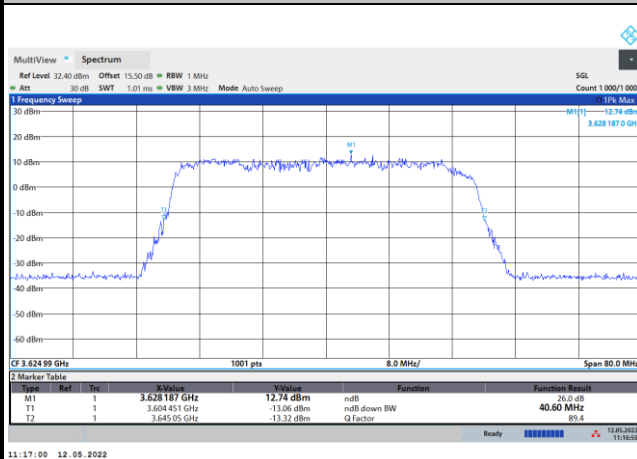




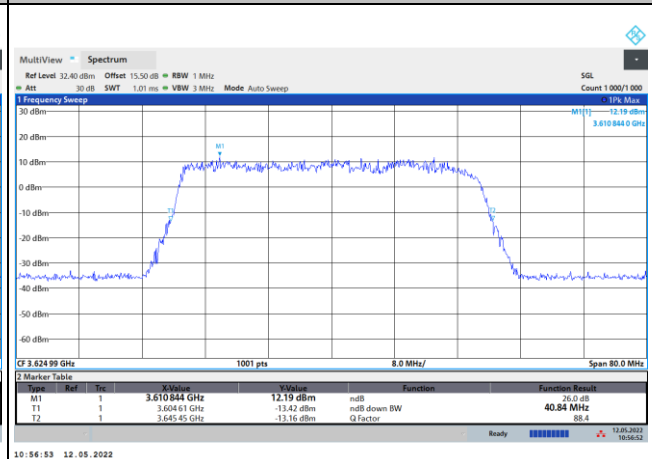


FR1 n48 / 40MHz / Middle Channel / 26dB BW

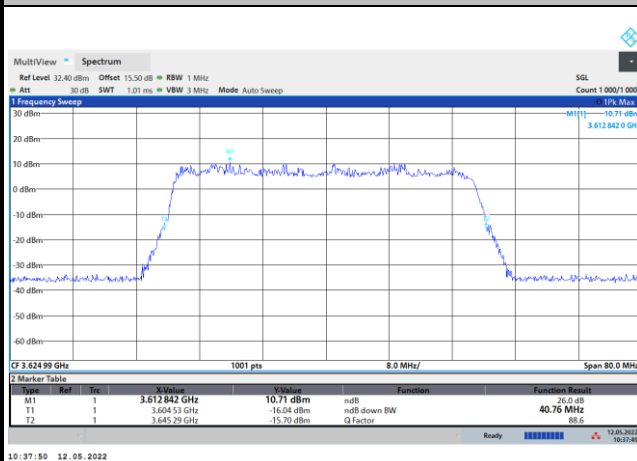
QPSK



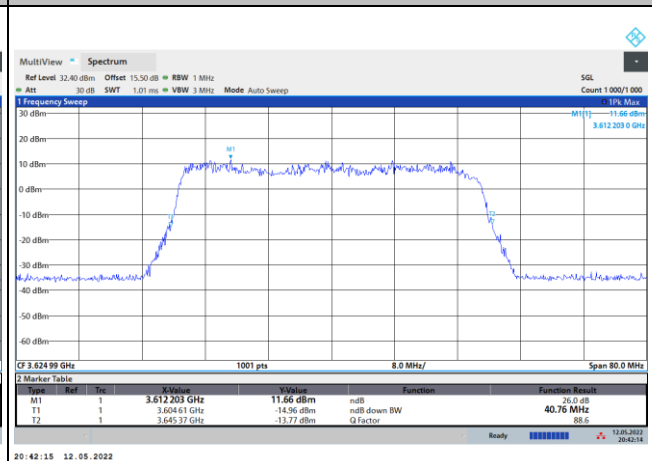
16QAM



64QAM



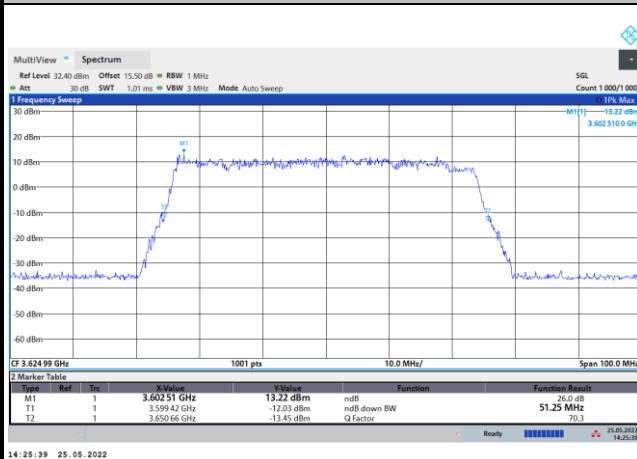
256QAM



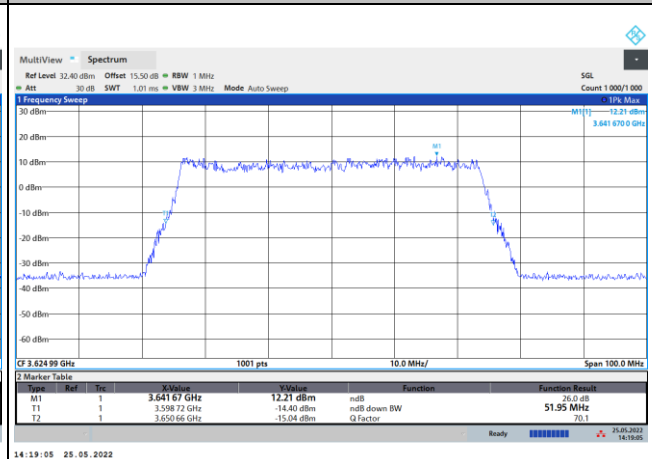


FR1 n48 / 50MHz / Middle Channel / 26dB BW

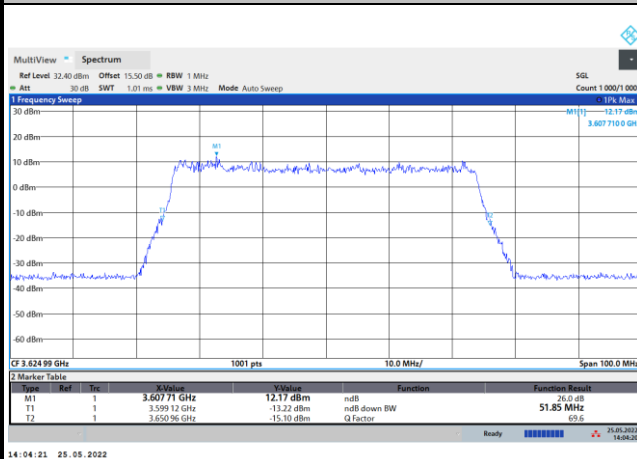
QPSK



16QAM



64QAM



256QAM

