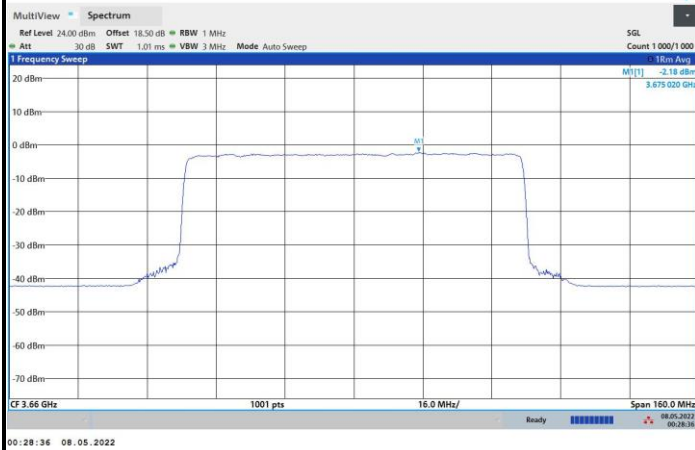




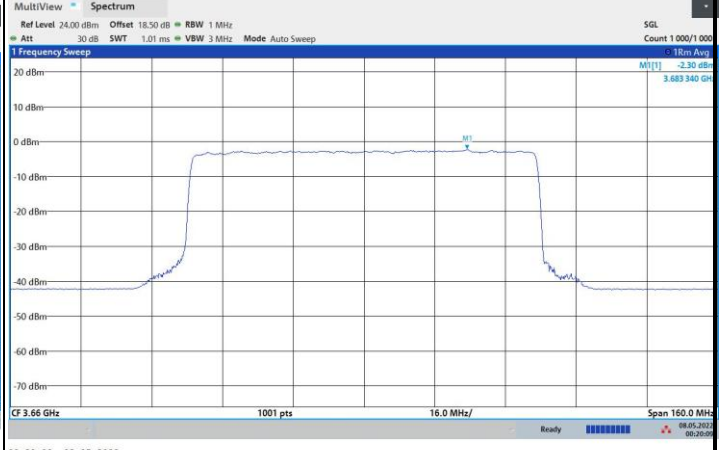
FR1 n48 / 80MHz / Highest Channel / PSD

QPSK



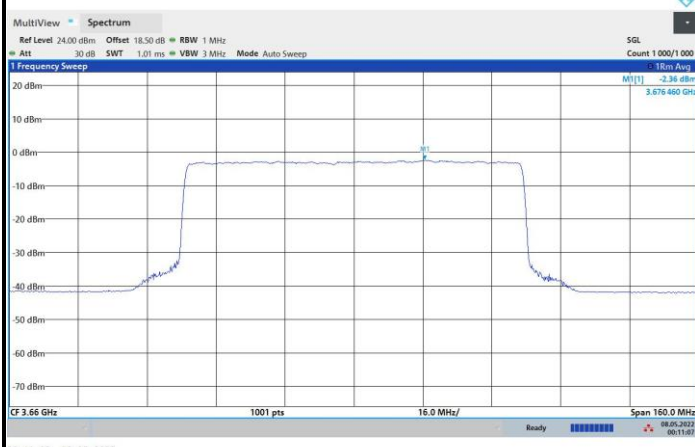
00:28:36 08.05.2022

16QAM



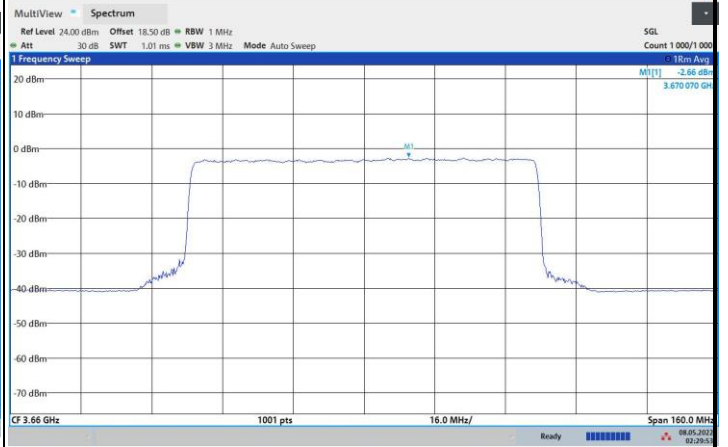
00:20:09 08.05.2022

64QAM



00:11:08 08.05.2022

256QAM

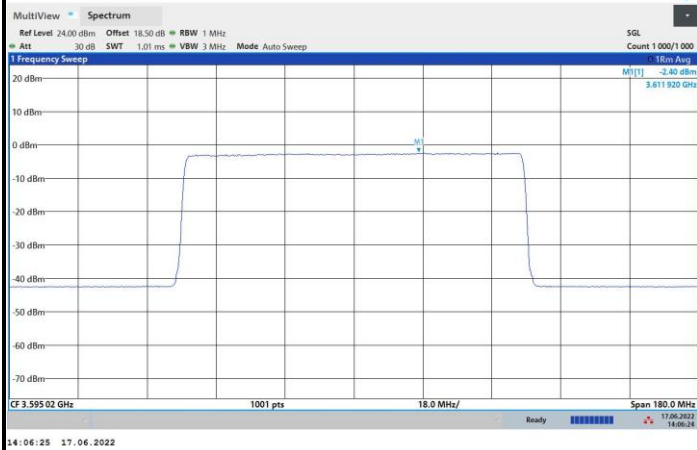


02:29:54 08.05.2022



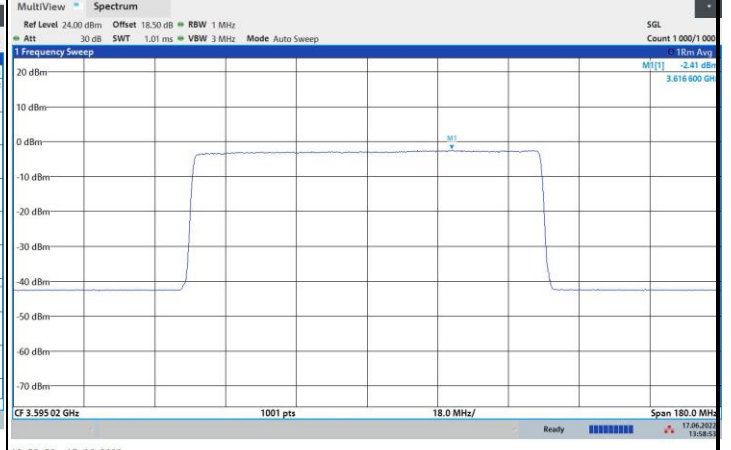
FR1 n48 / 90MHz / Lowest Channel / PSD

QPSK



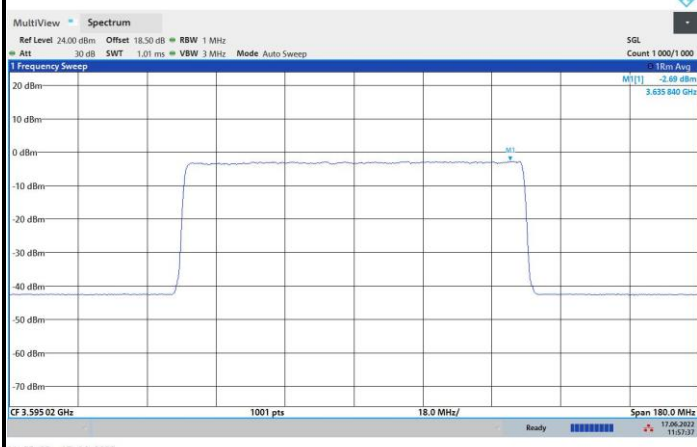
14:06:25 17.06.2022

16QAM



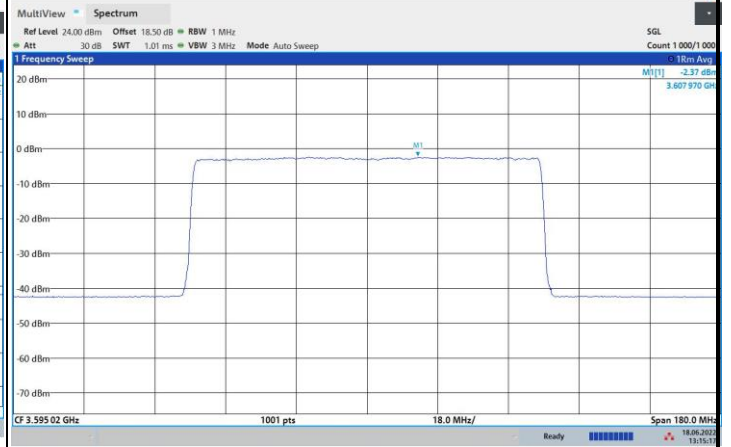
13:59:53 17.06.2022

64QAM



11:57:38 17.06.2022

256QAM

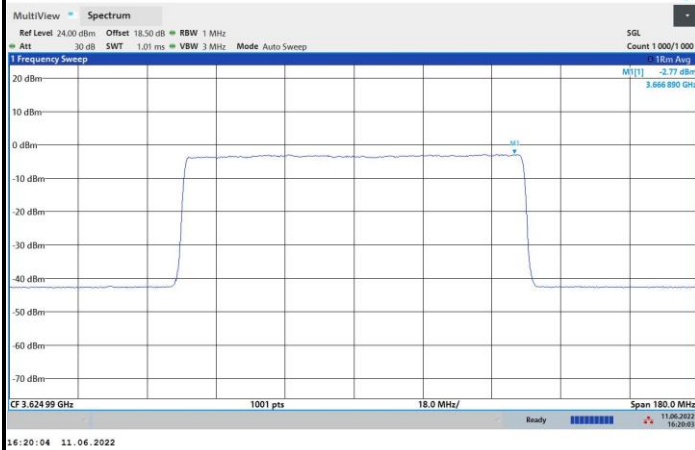


13:15:17 18.06.2022



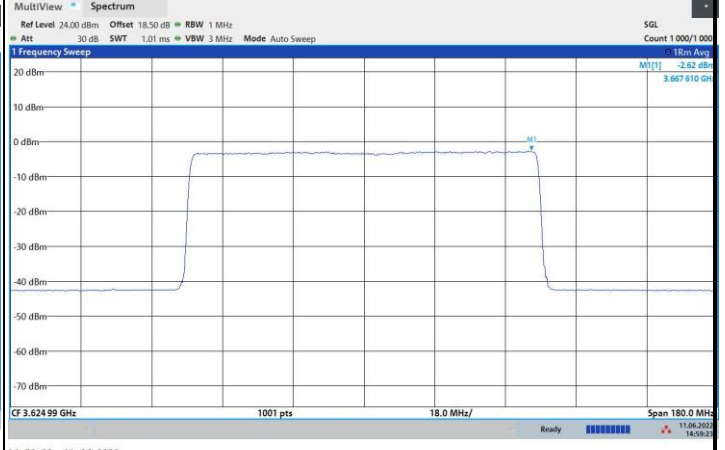
FR1 n48 / 90MHz / Middle Channel / PSD

QPSK



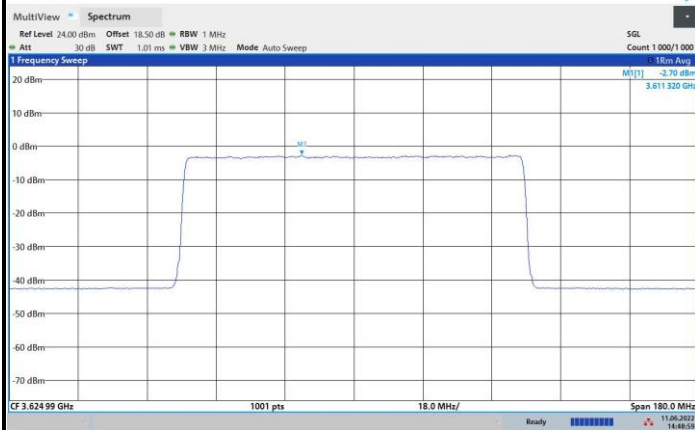
16:20:04 11.06.2022

16QAM



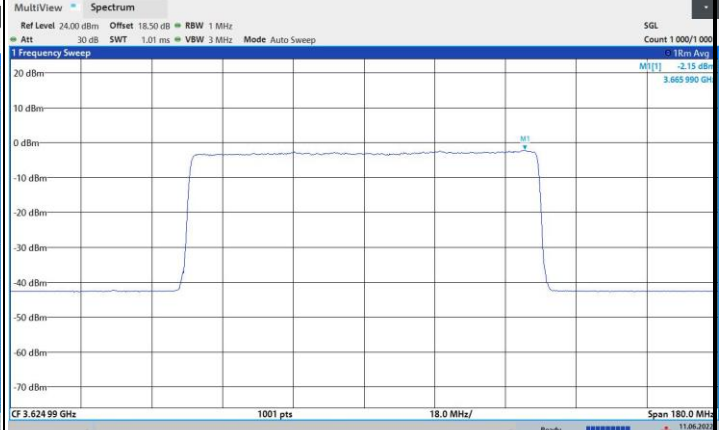
14:59:23 11.06.2022

64QAM



14:49:00 11.06.2022

256QAM

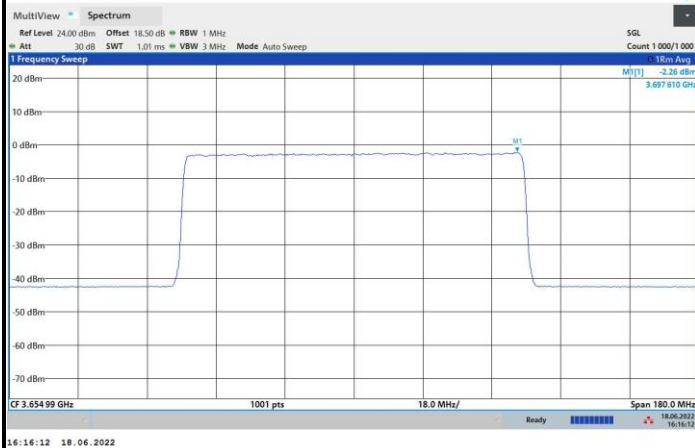


19:46:03 11.06.2022

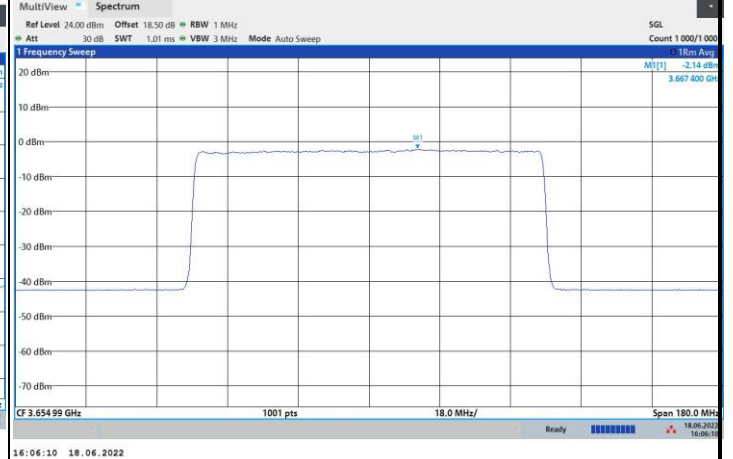


FR1 n48 / 90MHz / Highest Channel / PSD

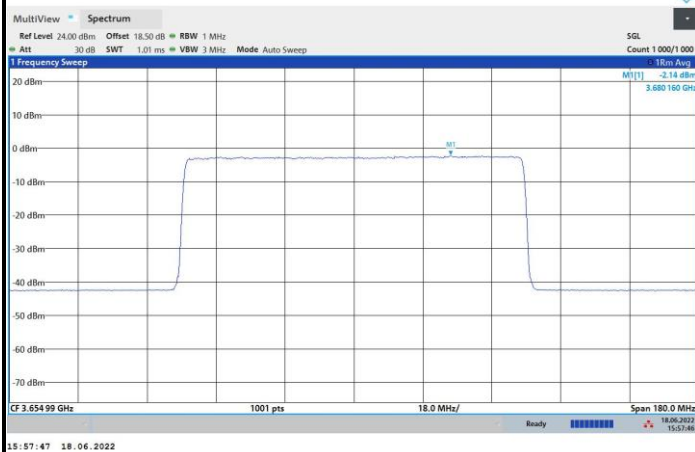
QPSK



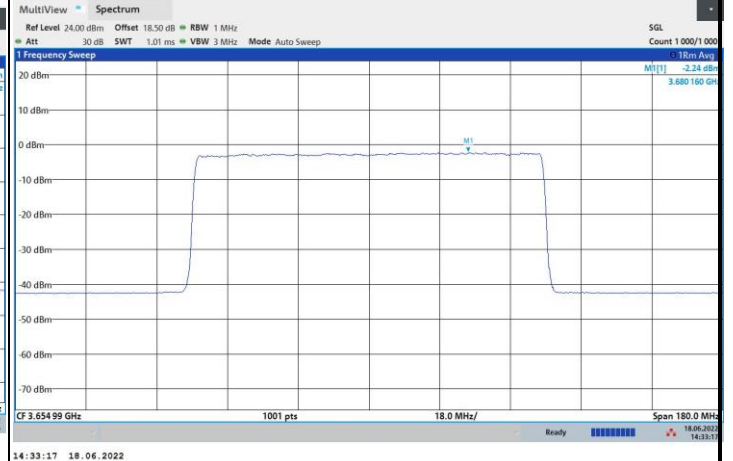
16QAM



64QAM



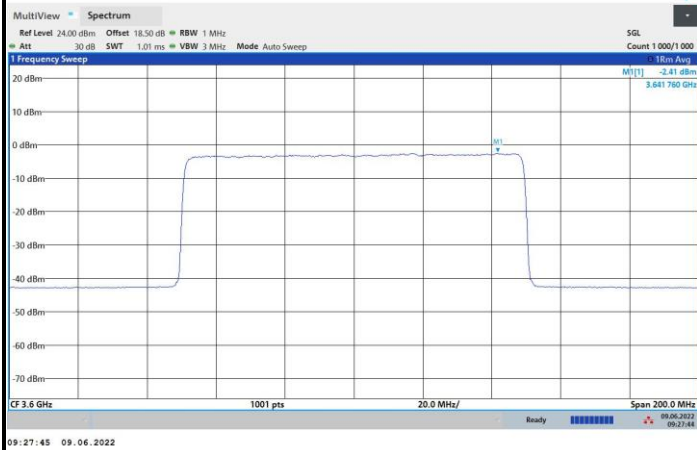
256QAM





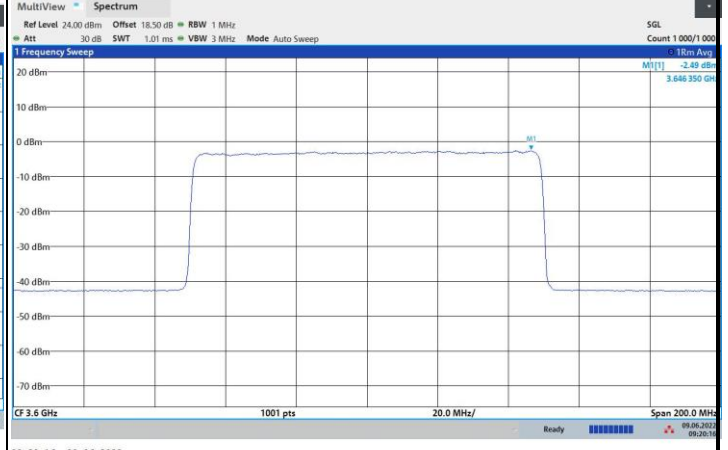
FR1 n48 / 100MHz / Lowest Channel / PSD

QPSK



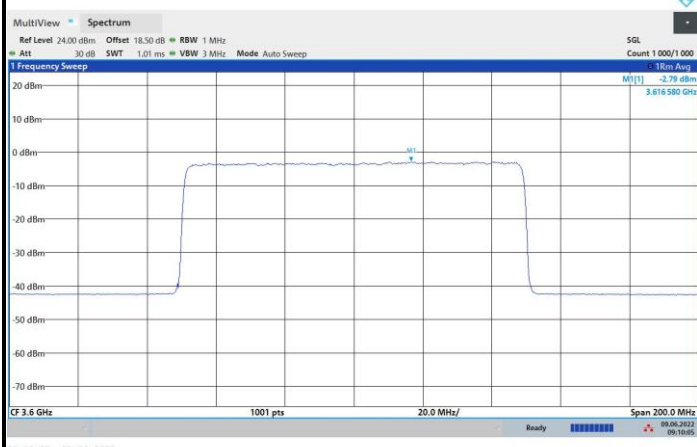
09:27:45 09.06.2022

16QAM



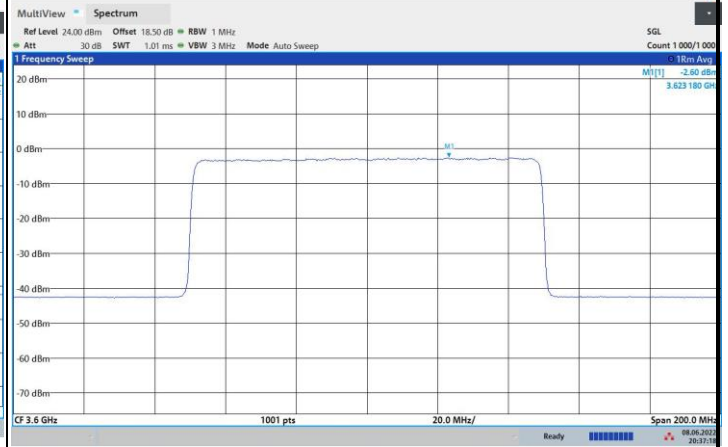
09:20:16 09.06.2022

64QAM



09:10:05 09.06.2022

256QAM

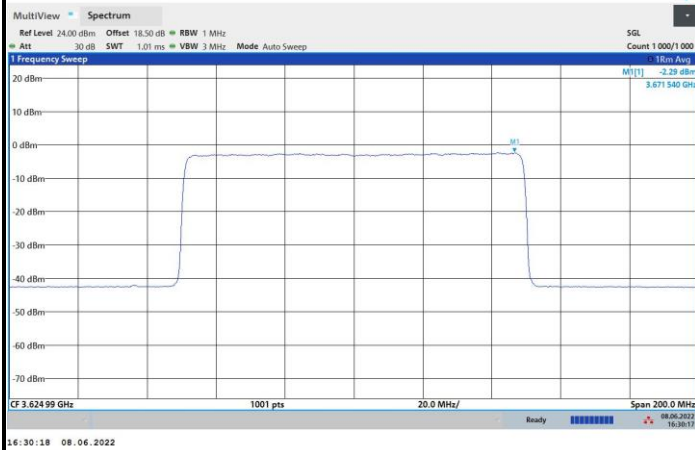


20:37:18 09.06.2022

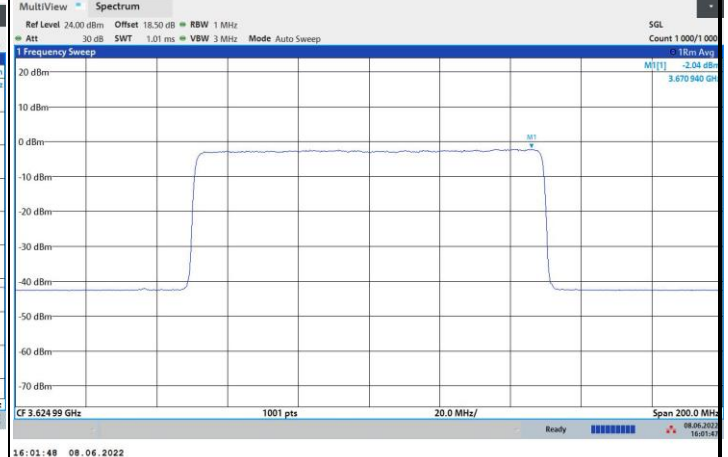


FR1 n48 / 100MHz / Middle Channel / PSD

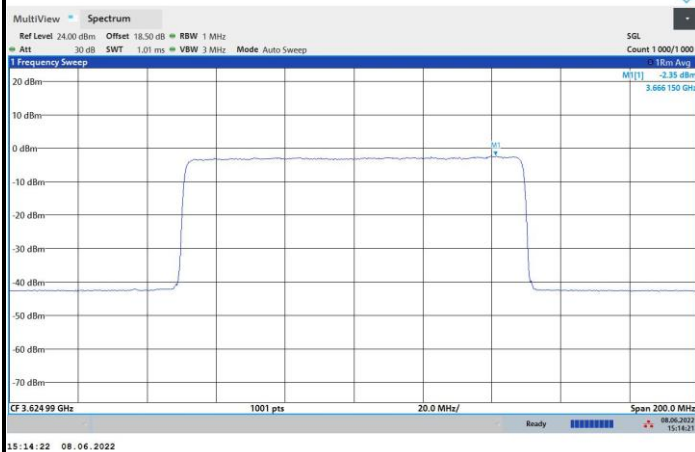
QPSK



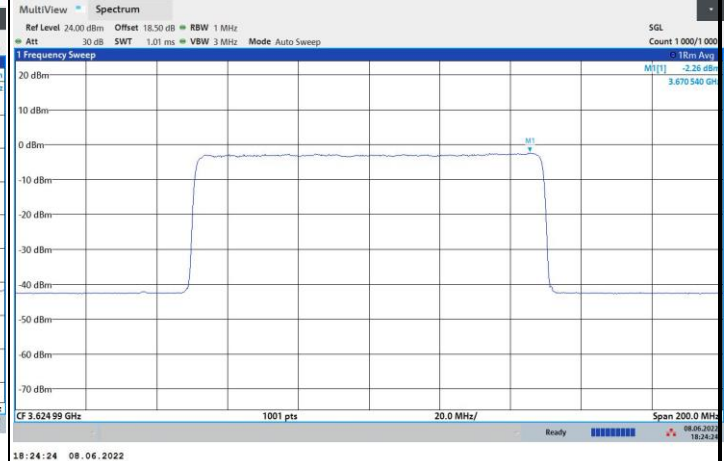
16QAM



64QAM



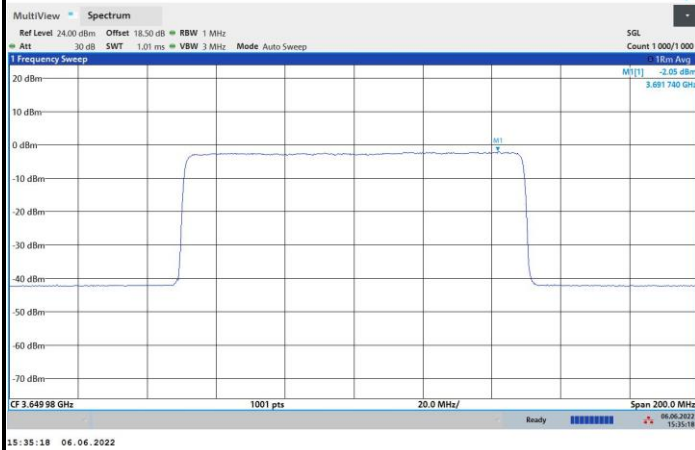
256QAM



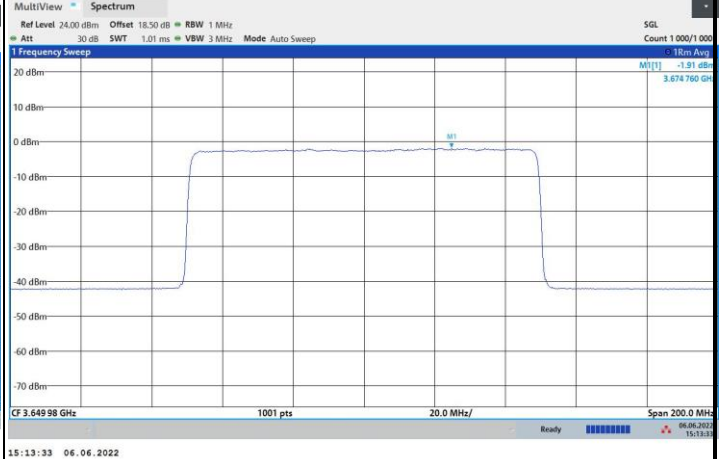


FR1 n48 / 100MHz / Highest Channel / PSD

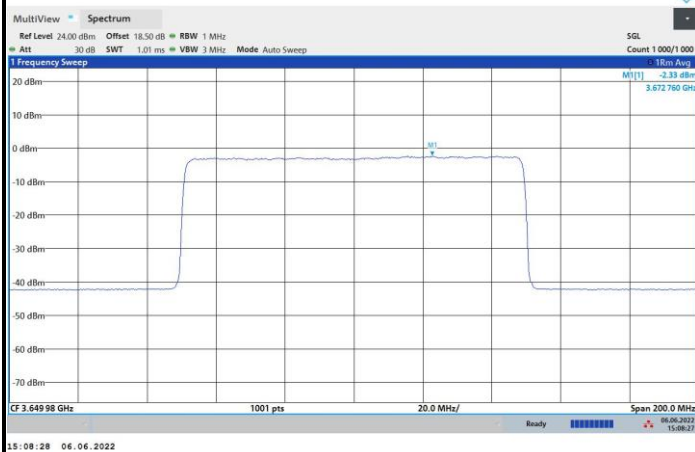
QPSK



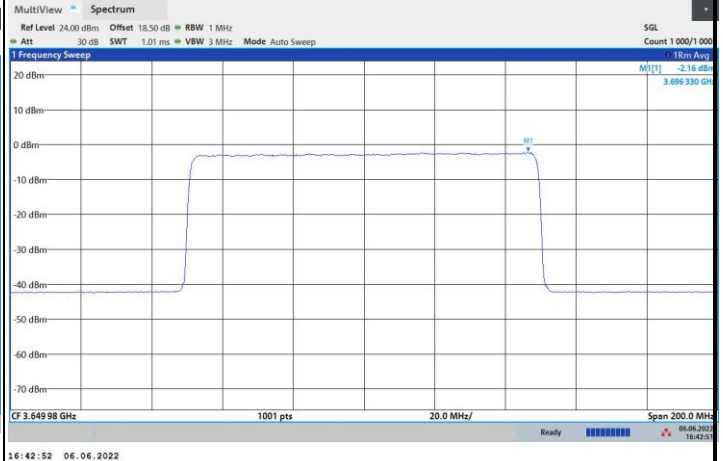
16QAM



64QAM



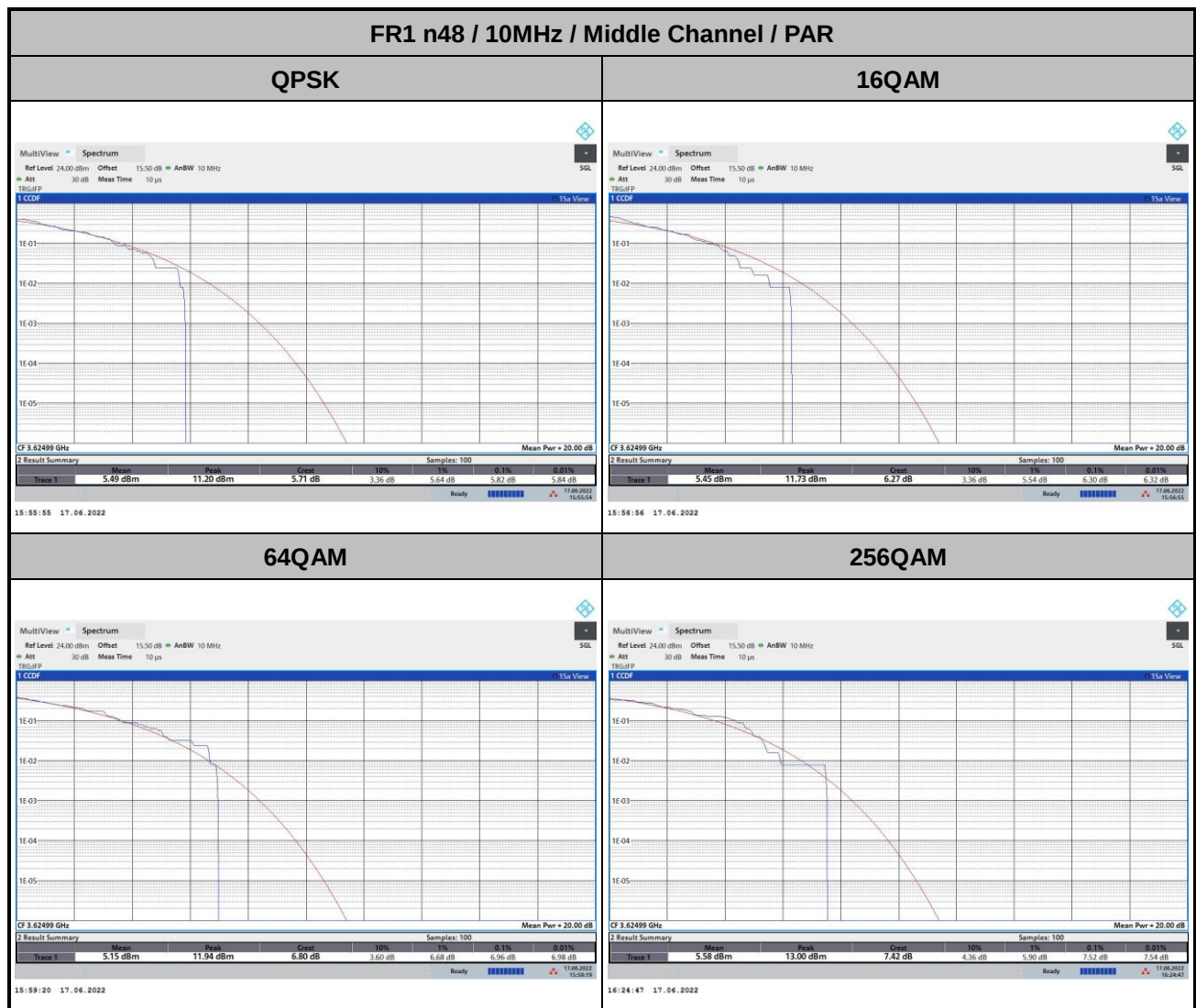
256QAM





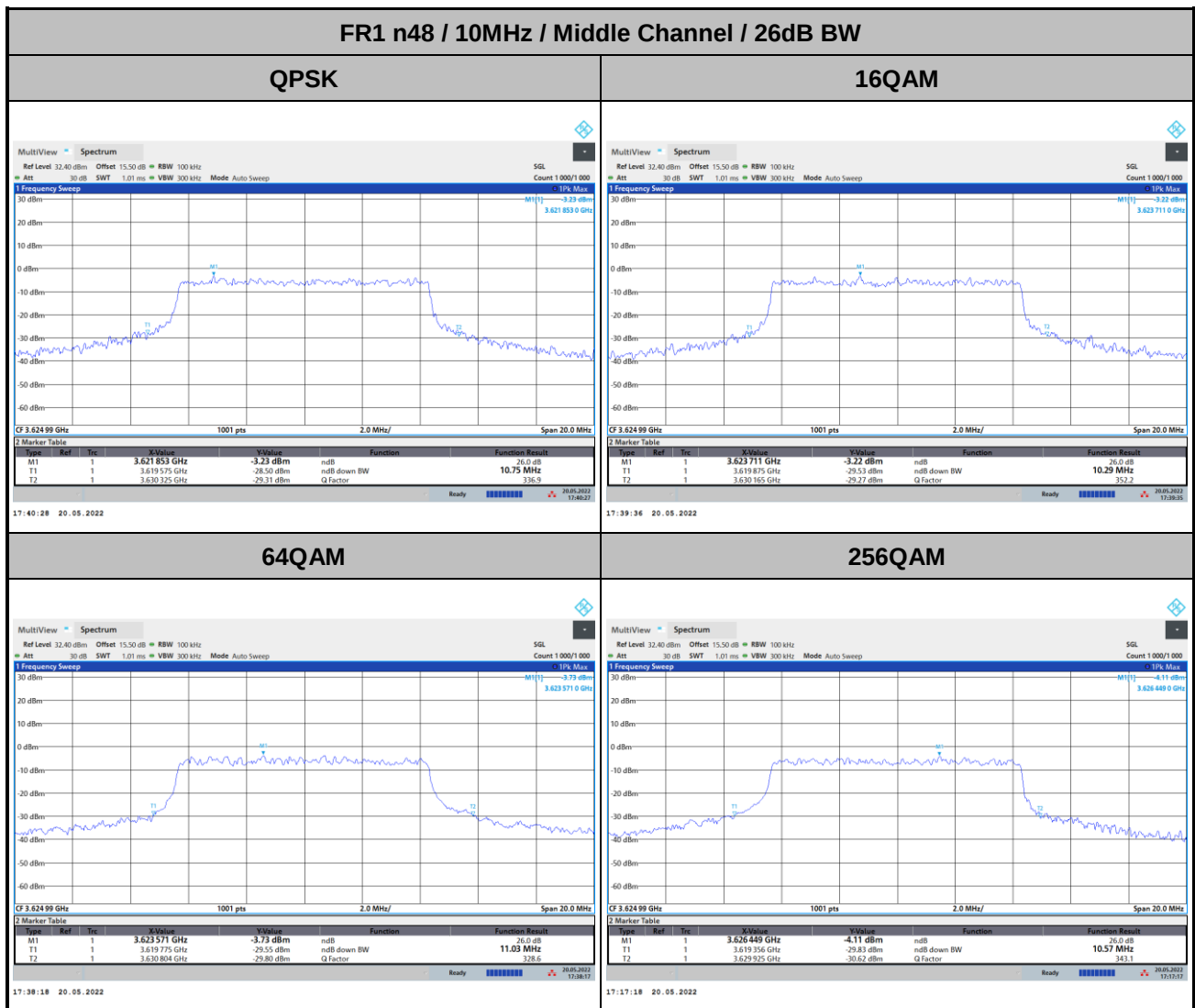
Peak-to-Average Ratio

Mode	FR1 n48 / 10MHz / PAR (dB)				Limit: 13dB
Mod.	QPSK	16QAM	64QAM	256QAM	Result
Middle CH	5.82	6.30	6.96	7.52	PASS



**26dB Bandwidth**

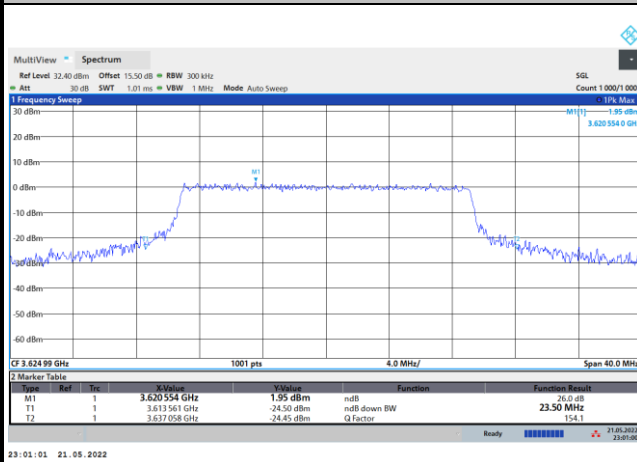
Mode	FR1 n48 : 26dB BW(MHz)							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	10.75	10.29	23.50	22.58	40.76	41.40	51.75	52.05
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	11.03	10.57	22.38	22.90	40.92	41.16	52.55	52.45
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	66.53	70.49	85.99	89.51	92.25	92.07	101.50	101.90
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	68.45	69.17	92.39	86.63	92.61	92.61	101.30	101.10



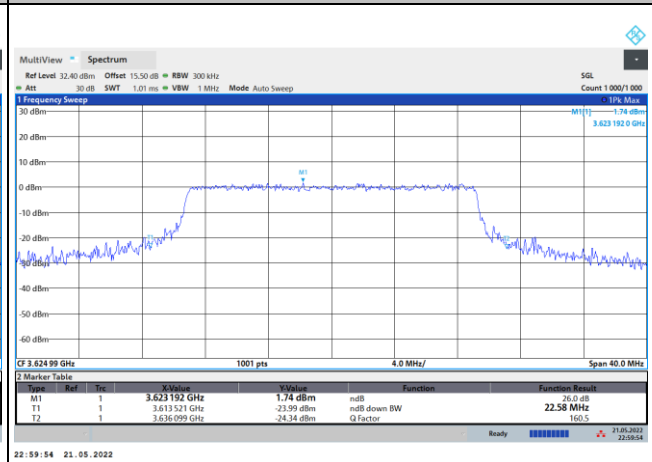


FR1 n48 / 20MHz / Middle Channel / 26dB BW

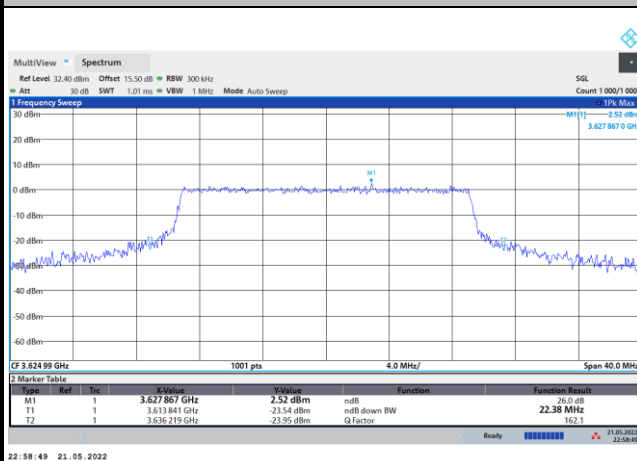
QPSK



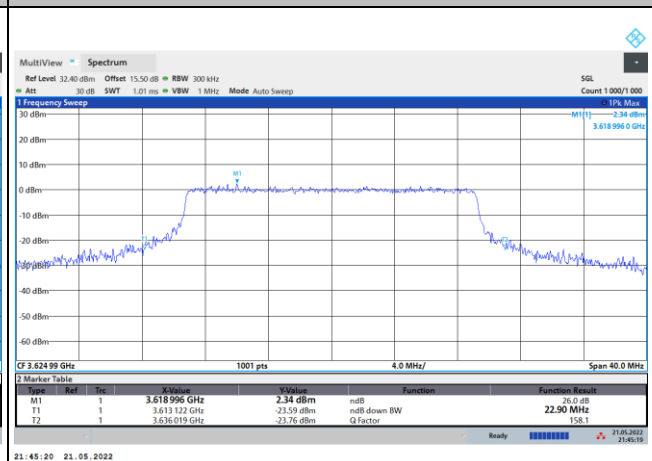
16QAM



64QAM

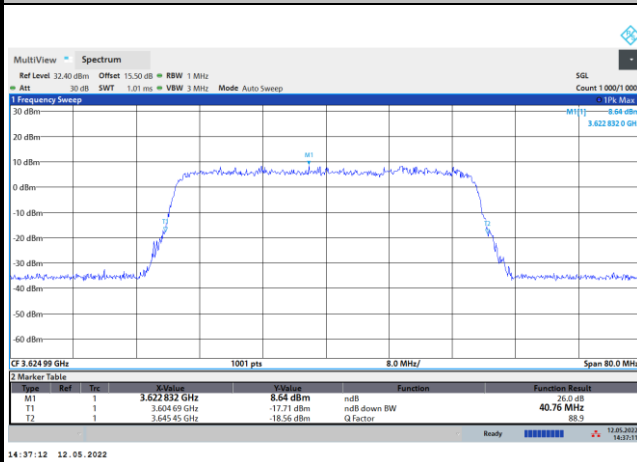


256QAM

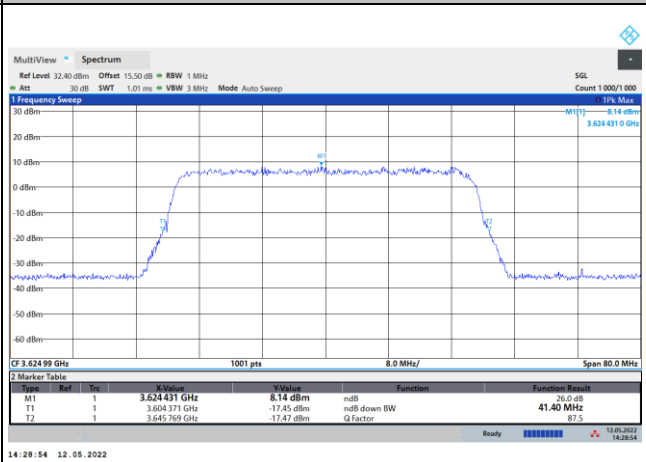


FR1 n48 / 40MHz / Middle Channel / 26dB BW

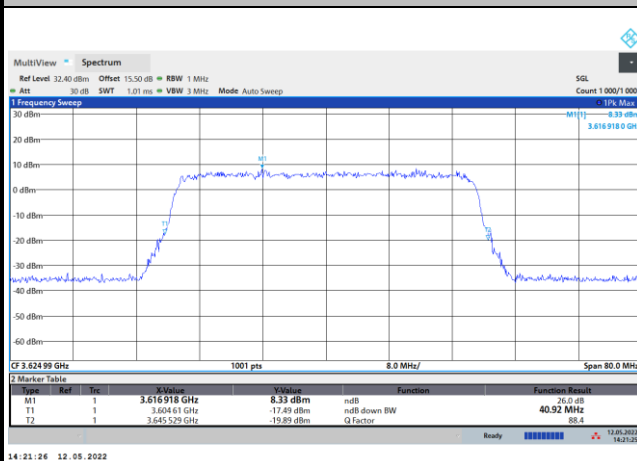
QPSK



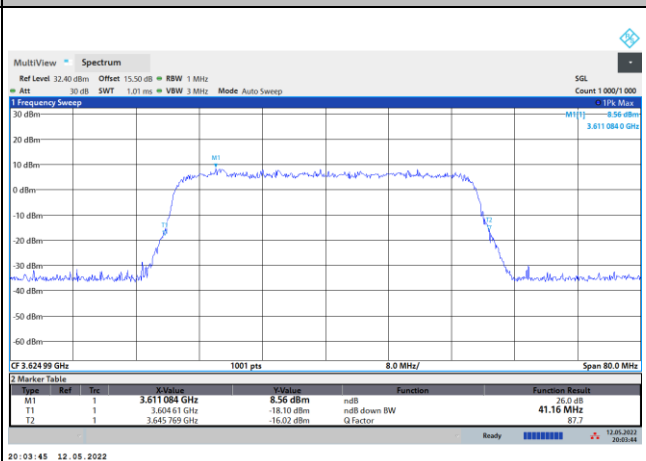
16QAM



64QAM



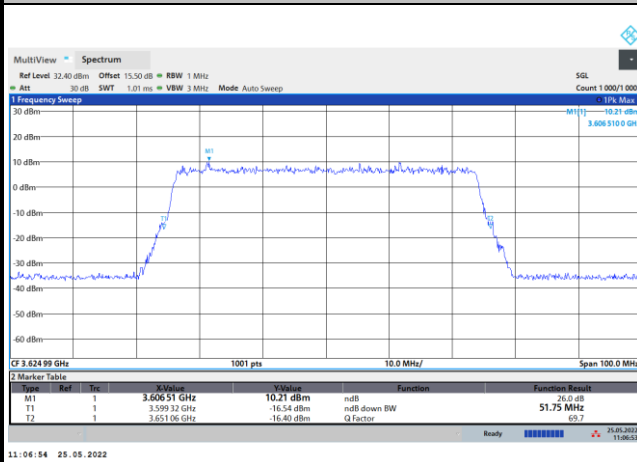
256QAM



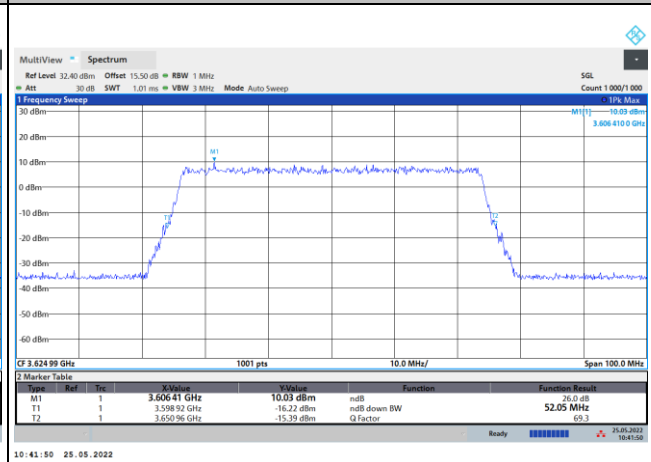


FR1 n48 / 50MHz / Middle Channel / 26dB BW

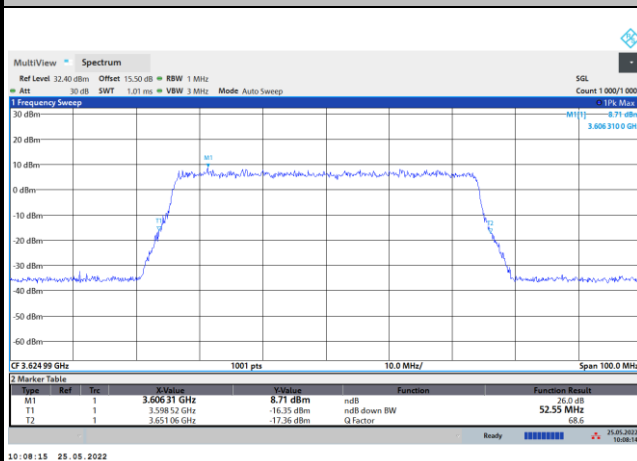
QPSK



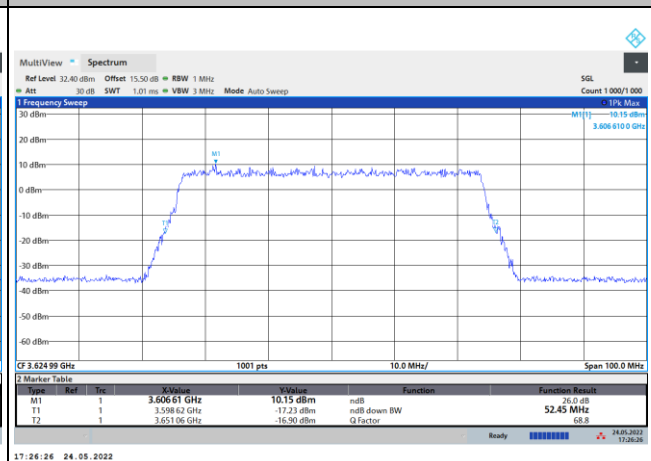
16QAM



64QAM



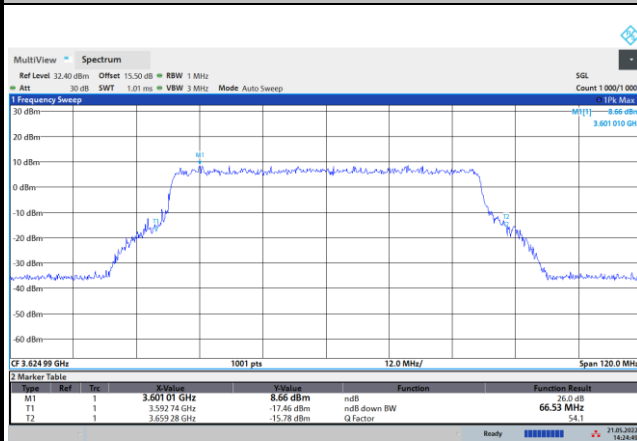
256QAM



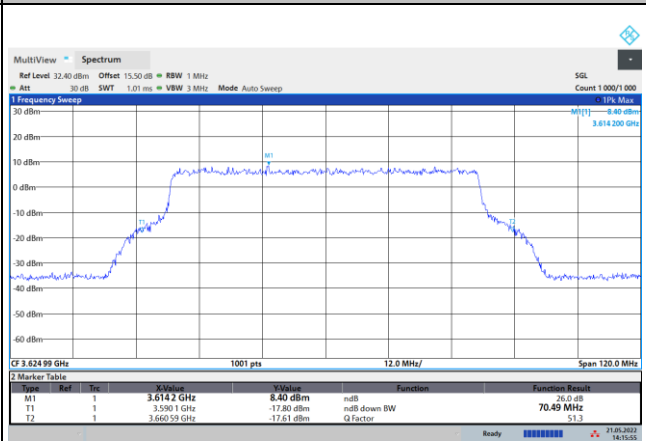


FR1 n48 / 60MHz / Middle Channel / 26dB BW

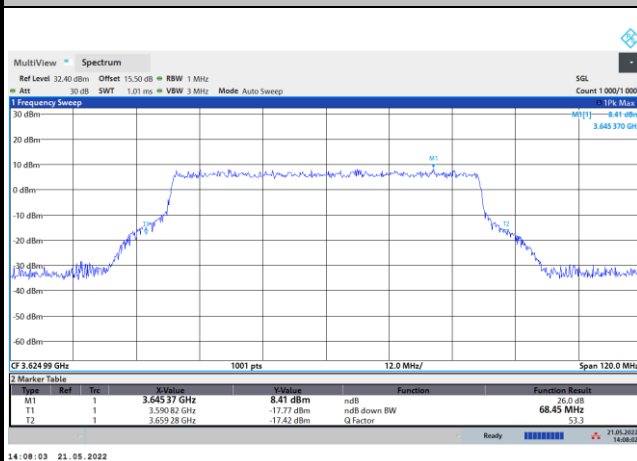
QPSK



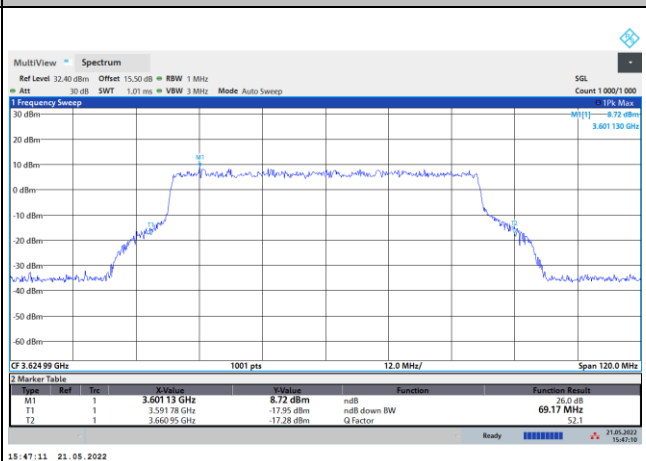
16QAM



64QAM



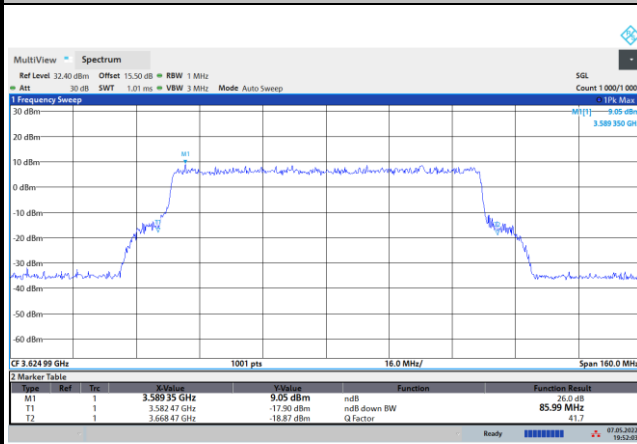
256QAM



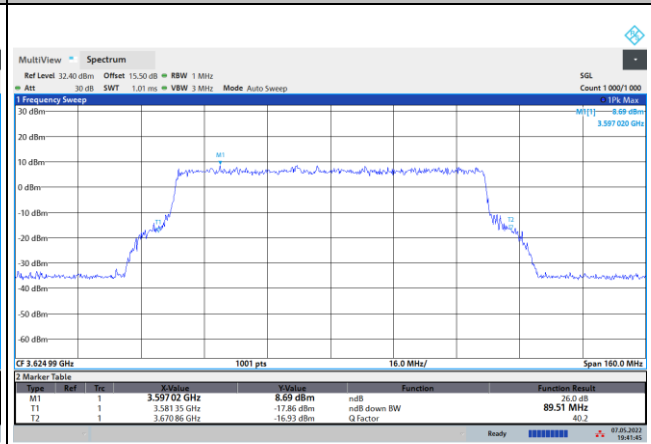


FR1 n48 / 80MHz / Middle Channel / 26dB BW

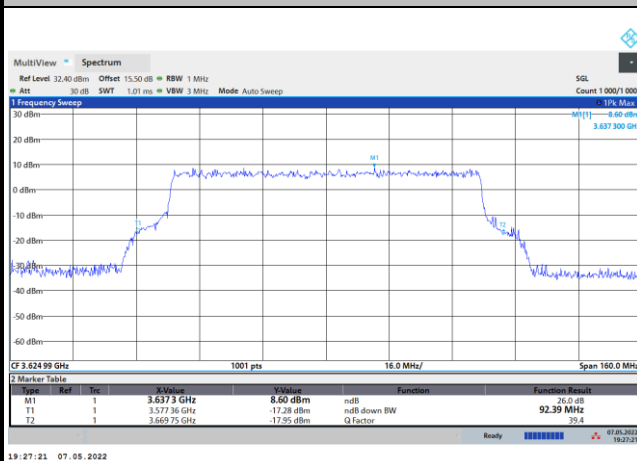
QPSK



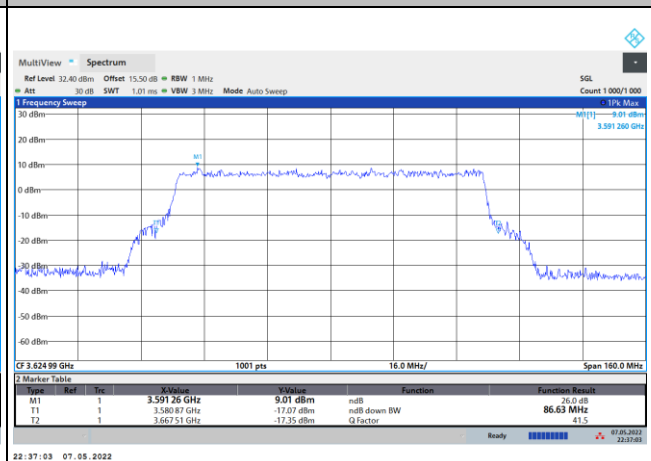
16QAM



64QAM



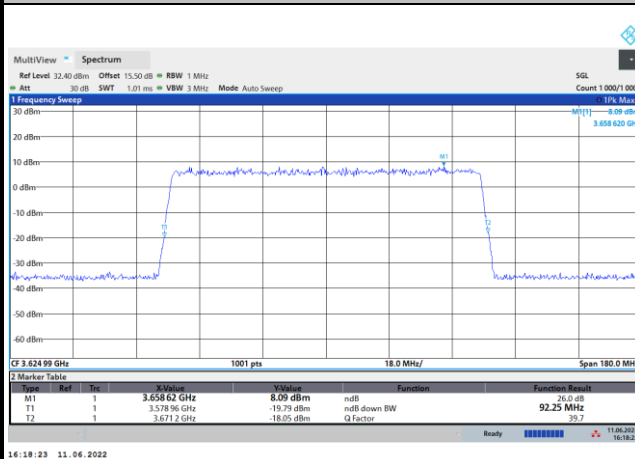
256QAM



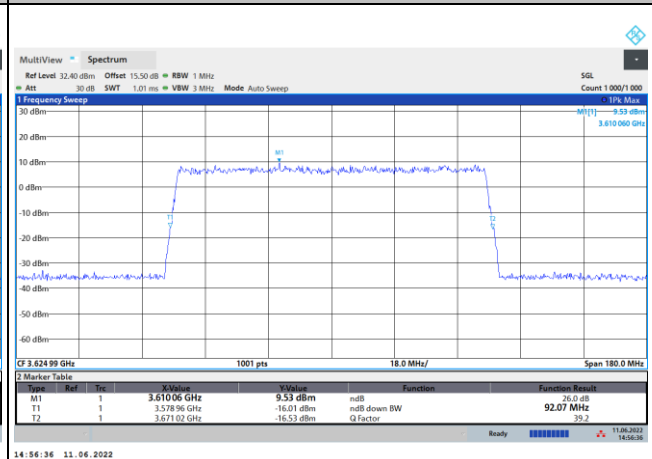


FR1 n48 / 90MHz / Middle Channel / 26dB BW

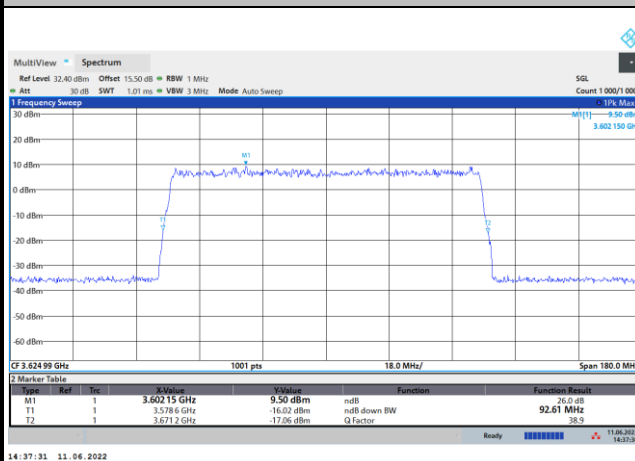
QPSK



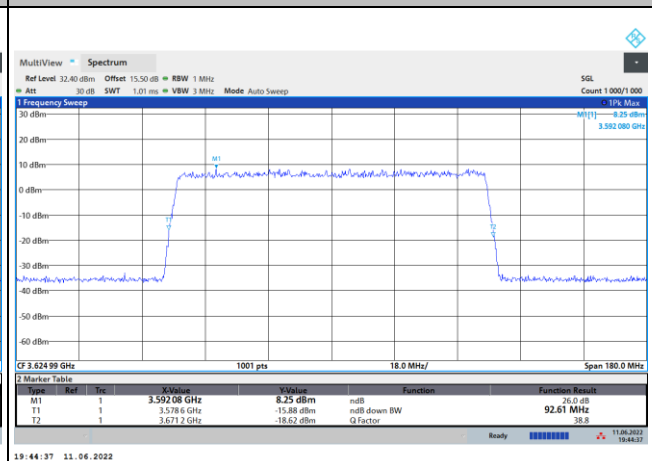
16QAM



64QAM



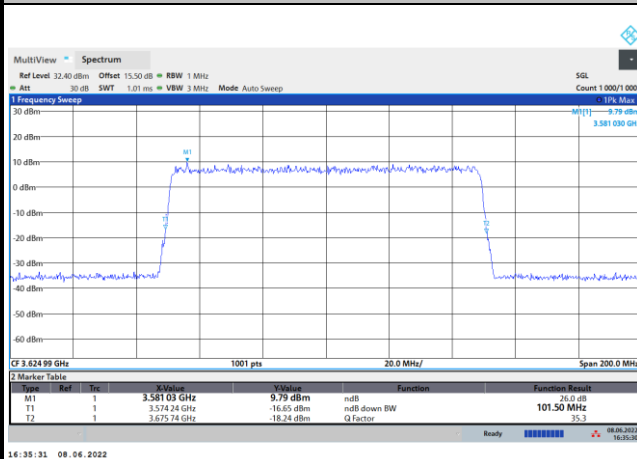
256QAM



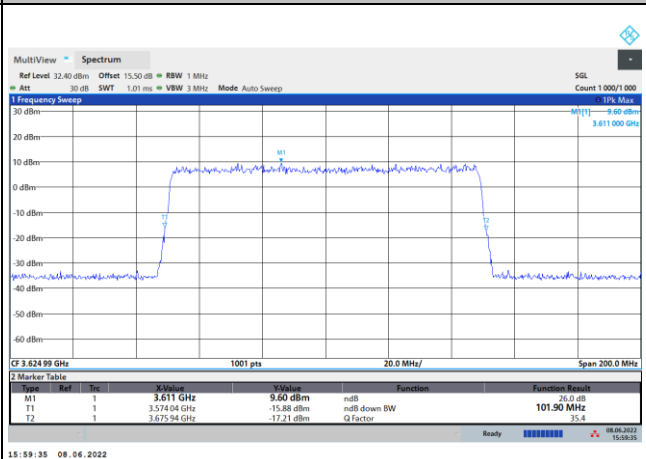


FR1 n48 / 100MHz / Middle Channel / 26dB BW

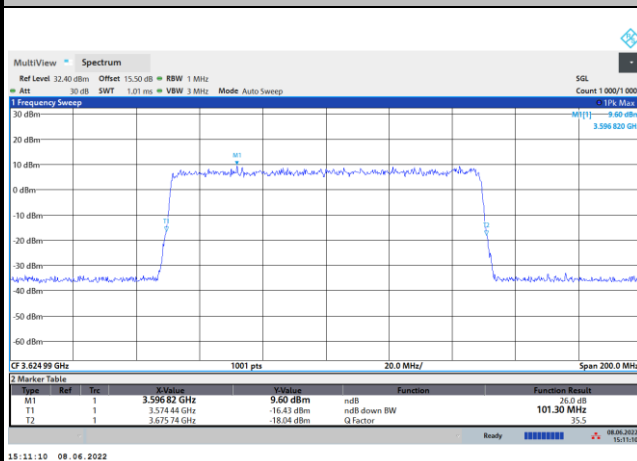
QPSK



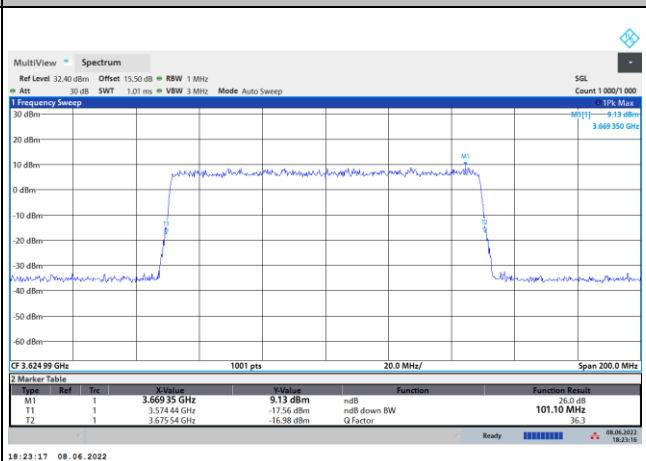
16QAM



64QAM

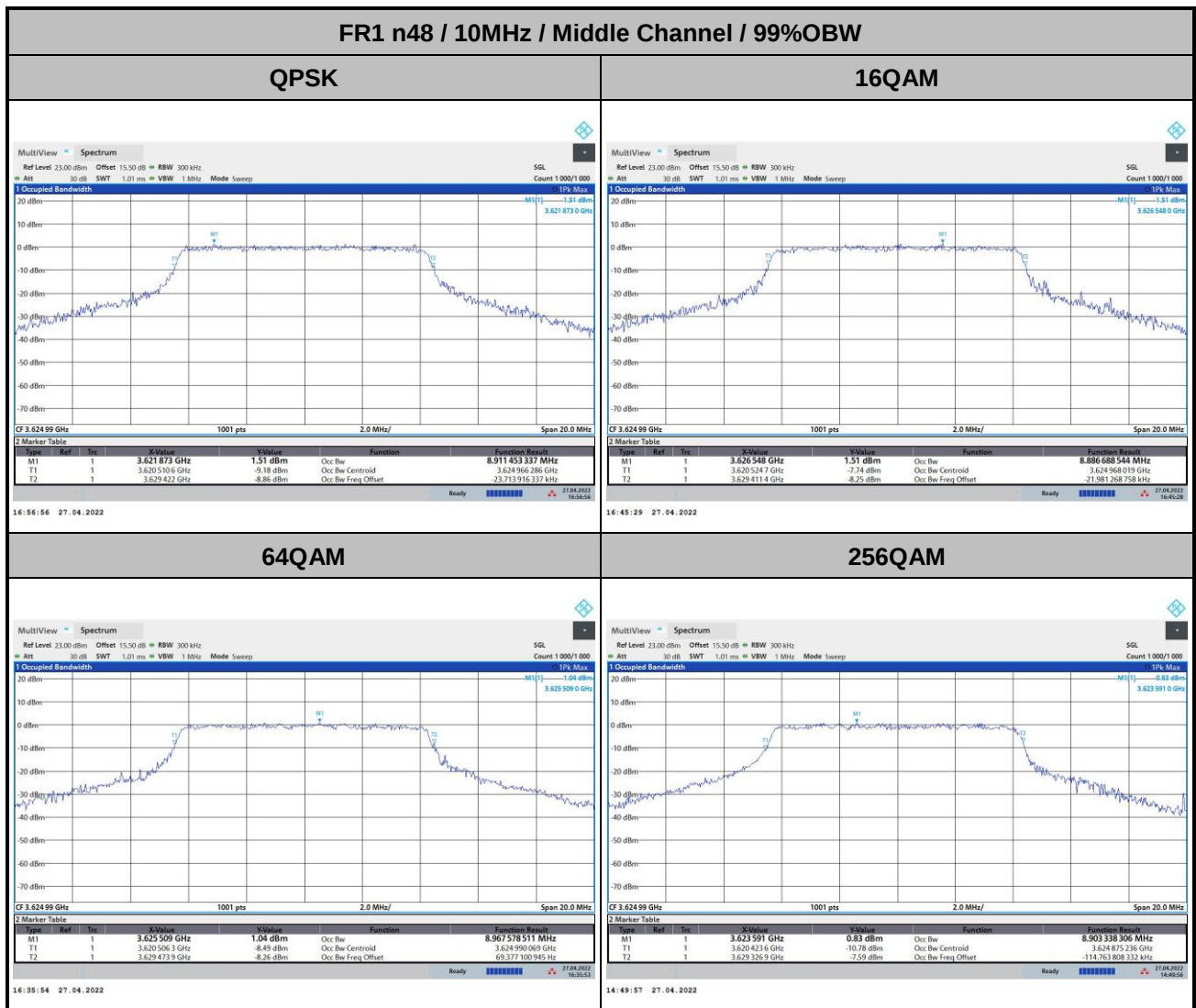


256QAM



**Occupied Bandwidth**

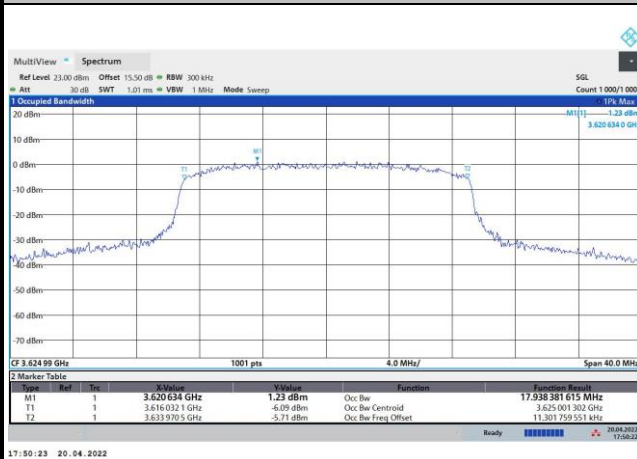
Mode	FR1 n48 : 99%OBW (MHz)							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.91	8.88	17.93	17.98	37.47	37.54	47.39	47.62
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.96	8.90	17.95	18.01	37.46	37.51	47.46	47.56
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	58.07	58.18	77.53	77.68	87.43	87.43	96.92	96.87
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	58.17	58.17	77.75	77.76	87.34	87.52	96.97	96.81



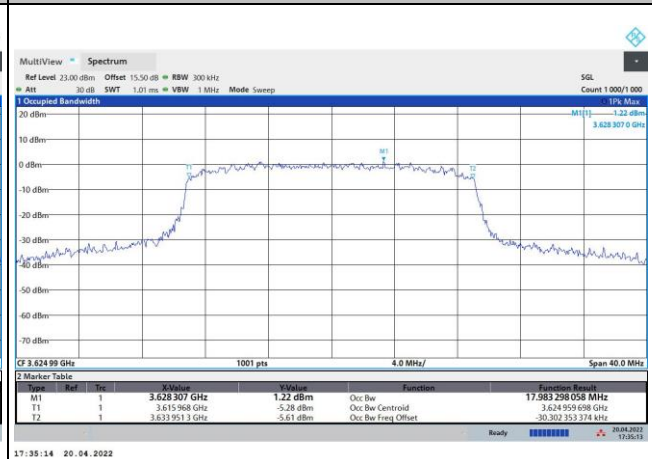


FR1 n48 / 20MHz / Middle Channel / 99%OBW

QPSK



16QAM



64QAM



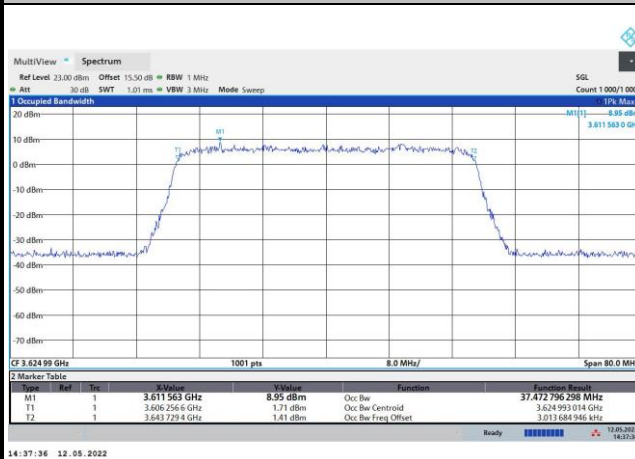
256QAM



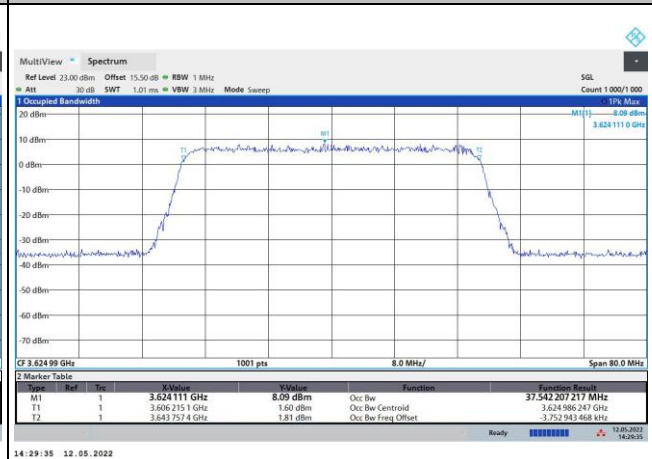


FR1 n48 / 40MHz / Middle Channel / 99%OBW

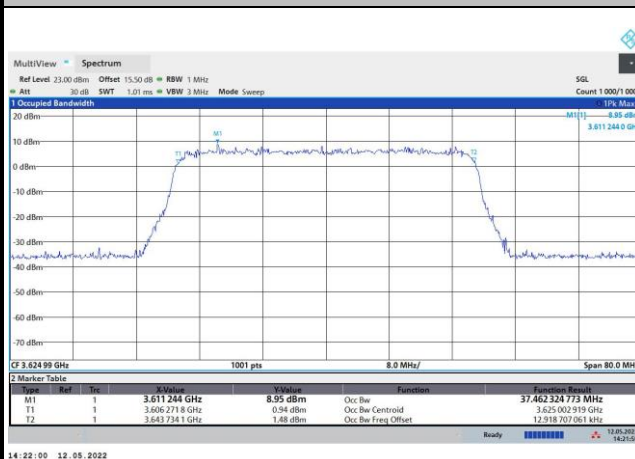
QPSK



16QAM



64QAM



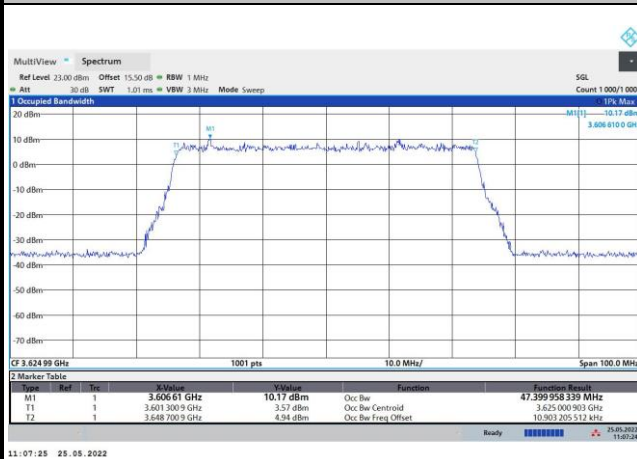
256QAM





FR1 n48 / 50MHz / Middle Channel / 99%OBW

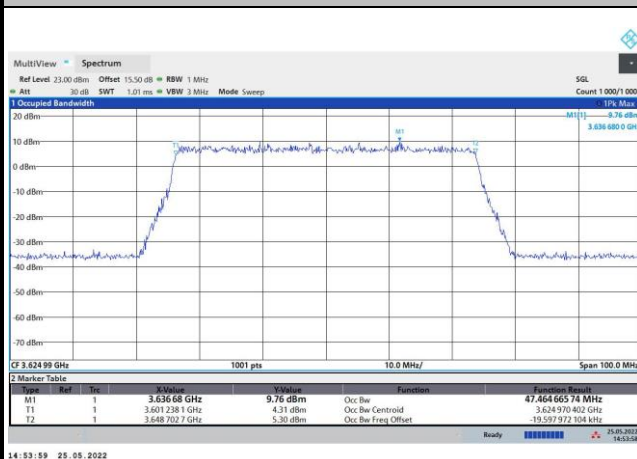
QPSK



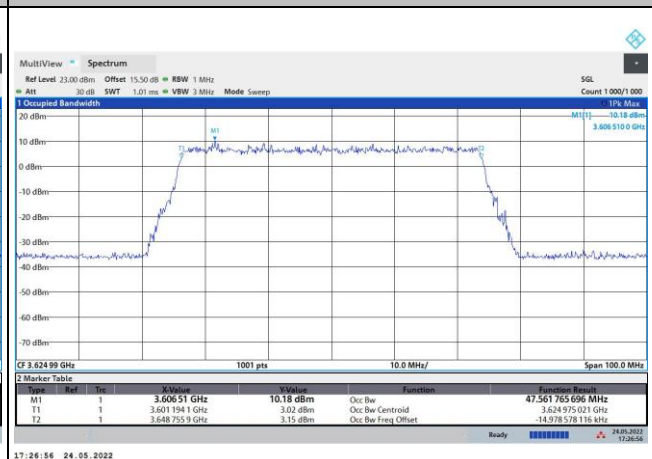
16QAM



64QAM



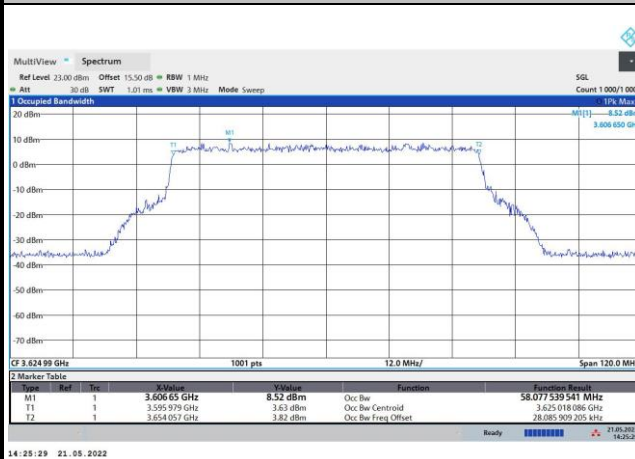
256QAM



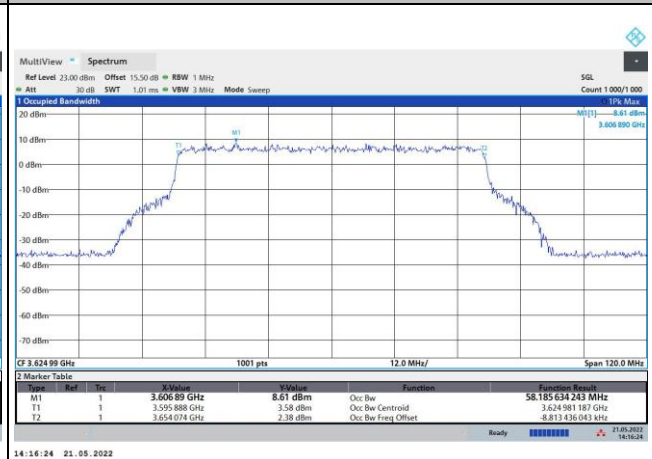


FR1 n48 / 60MHz / Middle Channel / 99%OBW

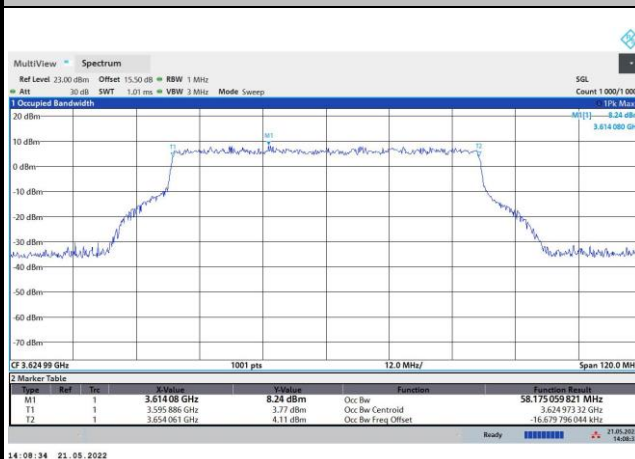
QPSK



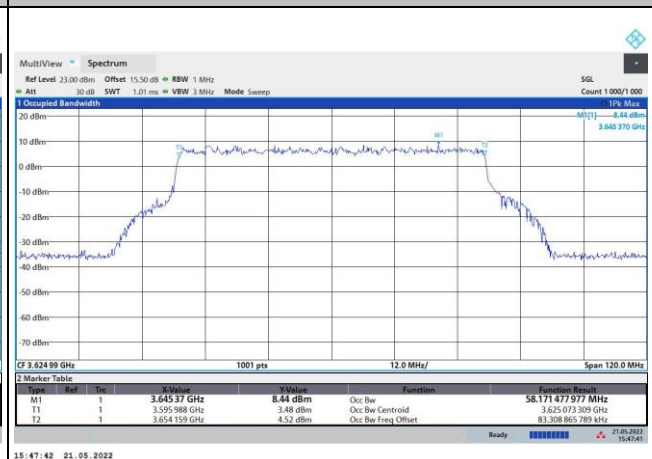
16QAM



64QAM



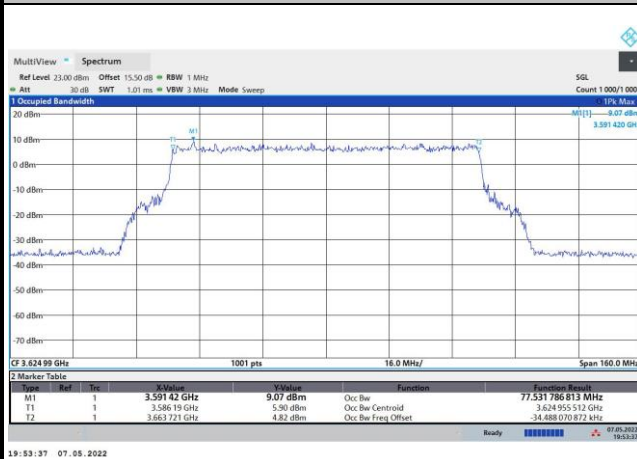
256QAM



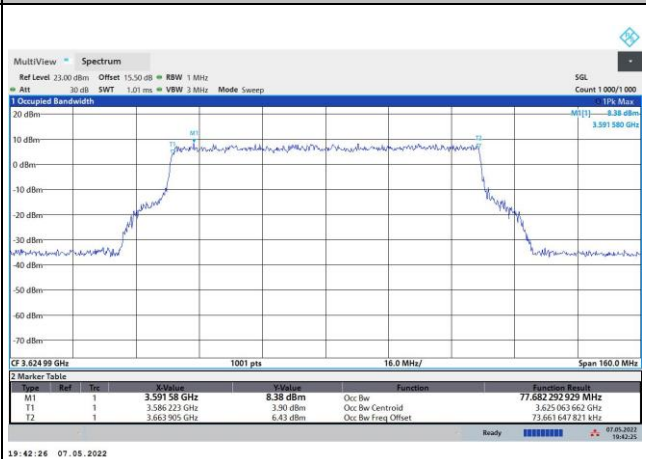


FR1 n48 / 80MHz / Middle Channel / 99%OBW

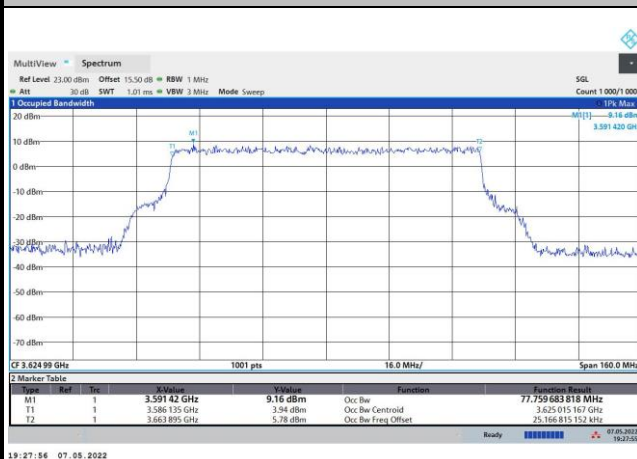
QPSK



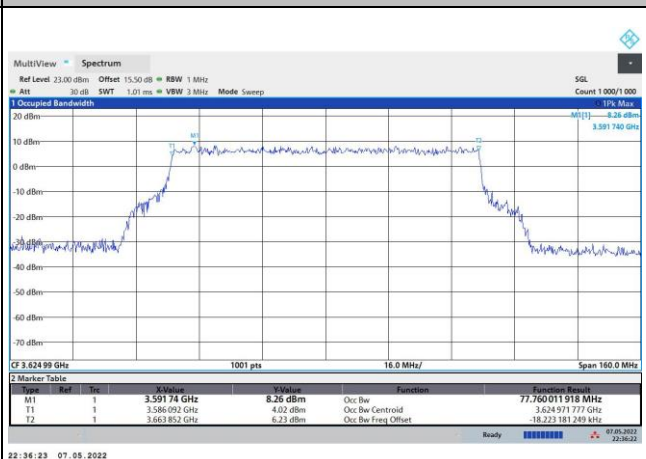
16QAM



64QAM



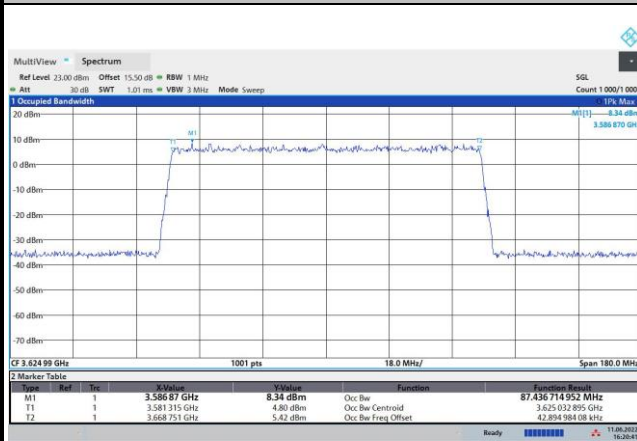
256QAM





FR1 n48 / 90MHz / Middle Channel / 99%OBW

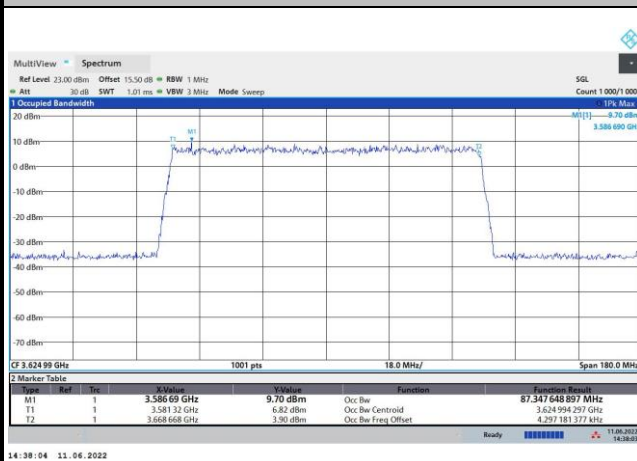
QPSK



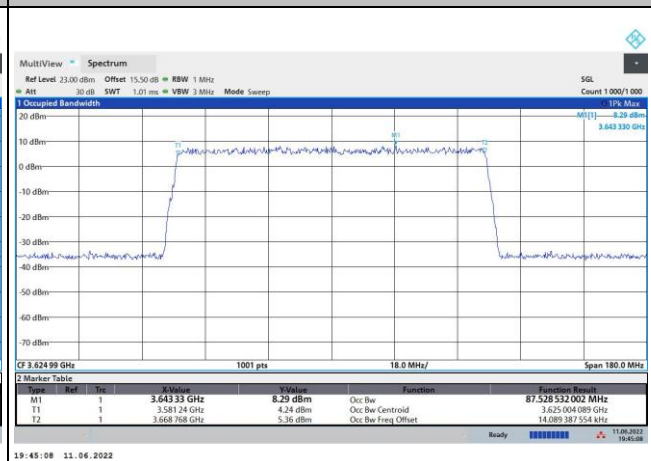
16QAM



64QAM



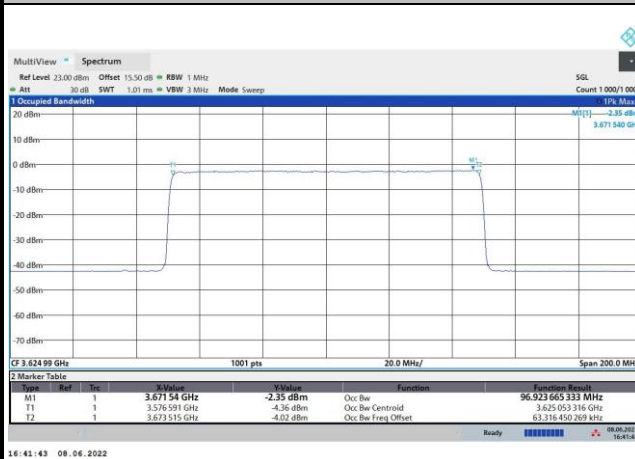
256QAM



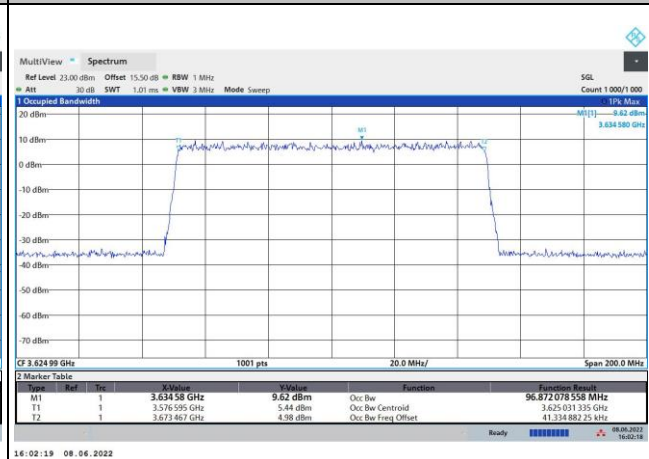


FR1 n48 / 100MHz / Middle Channel / 99%OBW

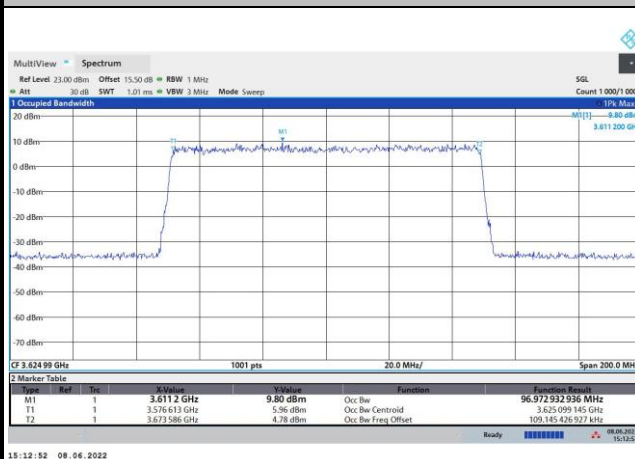
QPSK



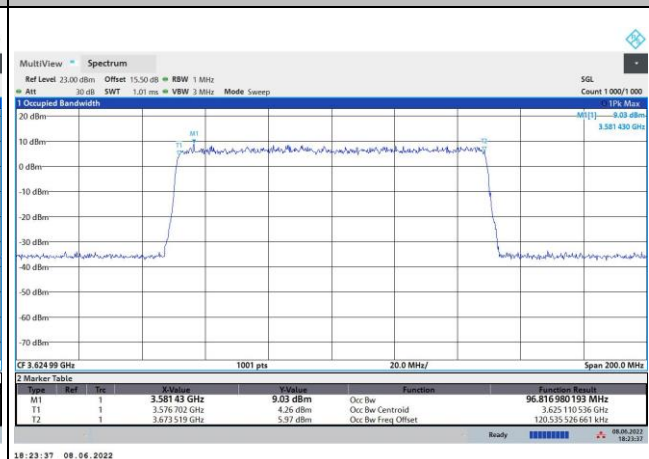
16QAM

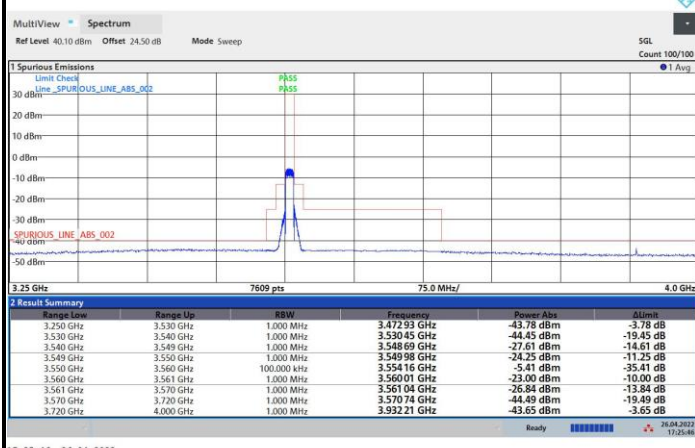


64QAM

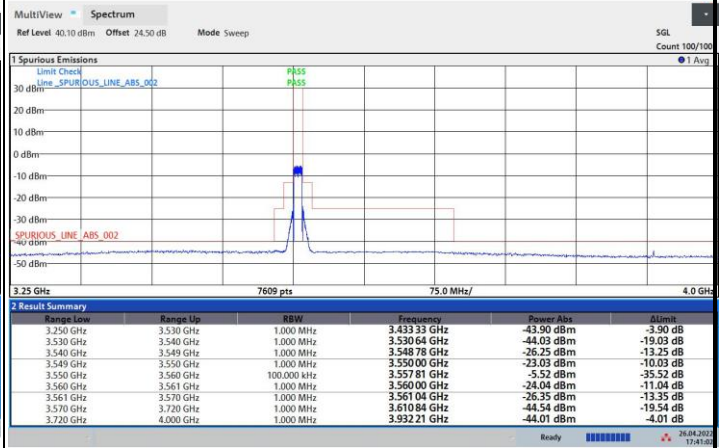


256QAM

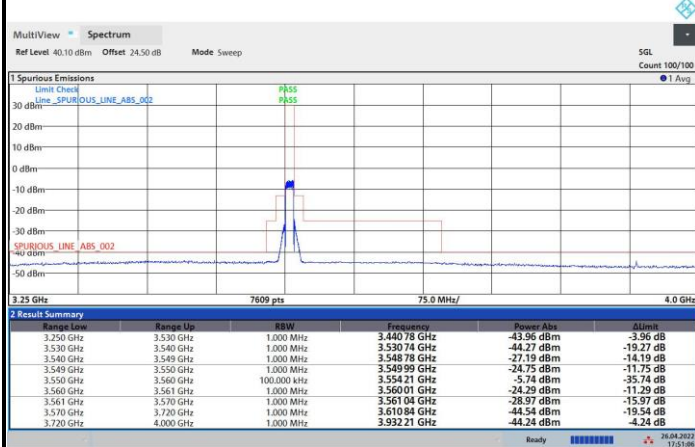


**Unwanted Emission (MASK)****FR1 n48 / 10MHz / Lowest Channel / MASK****QPSK**

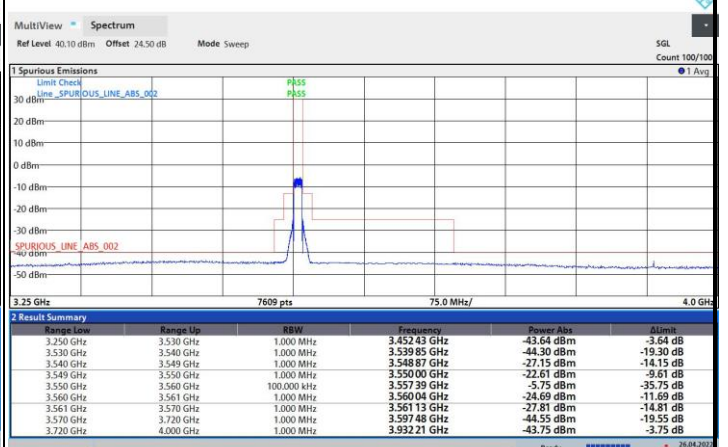
17:25:46 26.04.2022

16QAM

17:41:02 26.04.2022

64QAM

17:51:06 26.04.2022

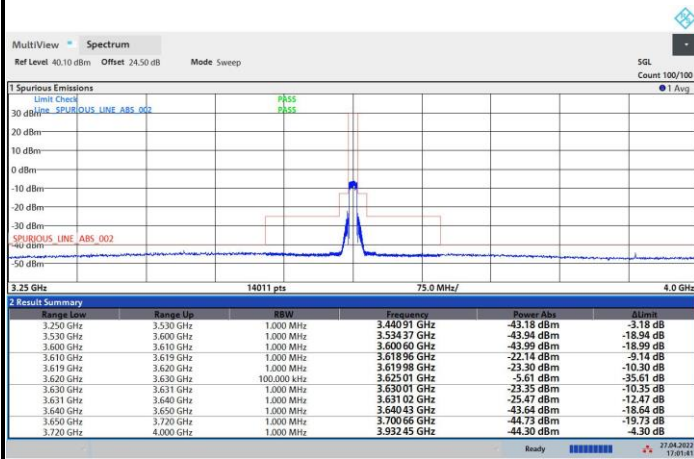
256QAM

16:08:55 26.04.2022



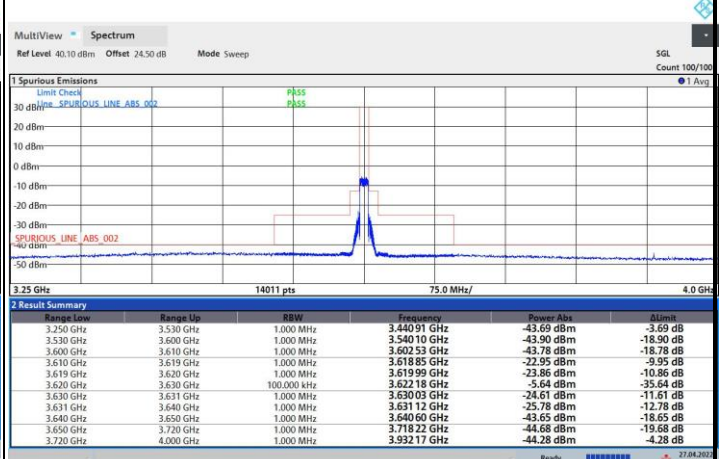
FR1 n48 / 10MHz / Middle Channel / MASK

QPSK



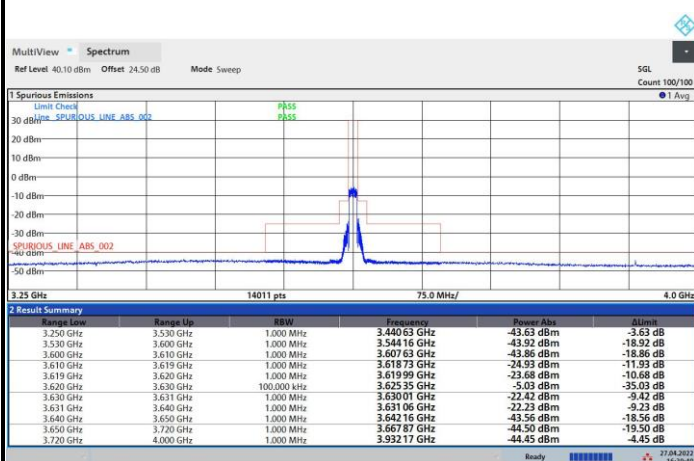
17:01:42 27.04.2022

16QAM



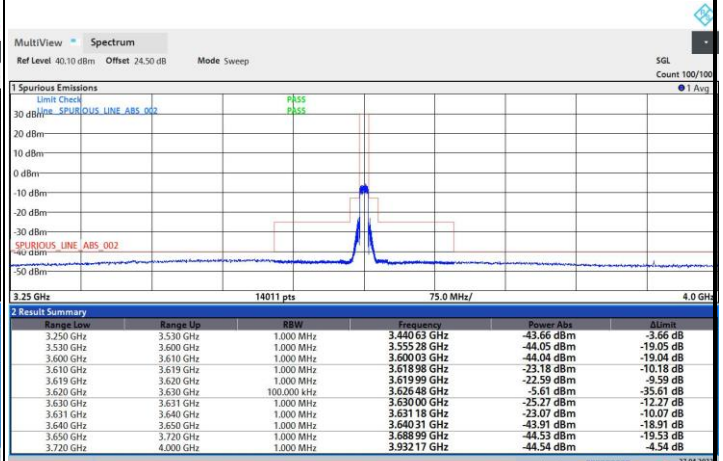
16:42:50 27.04.2022

64QAM



16:39:50 27.04.2022

256QAM

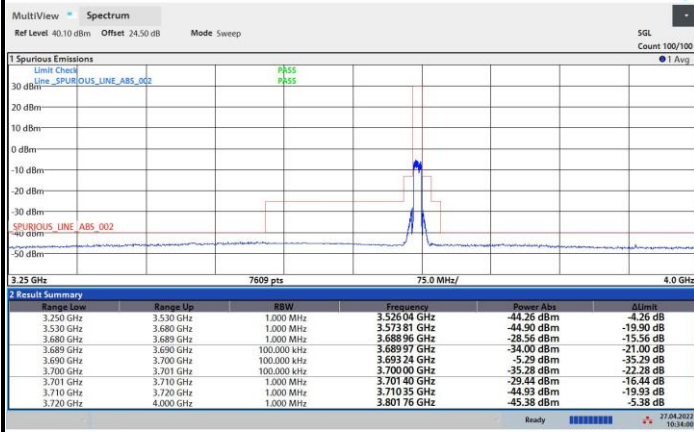


14:54:28 27.04.2022



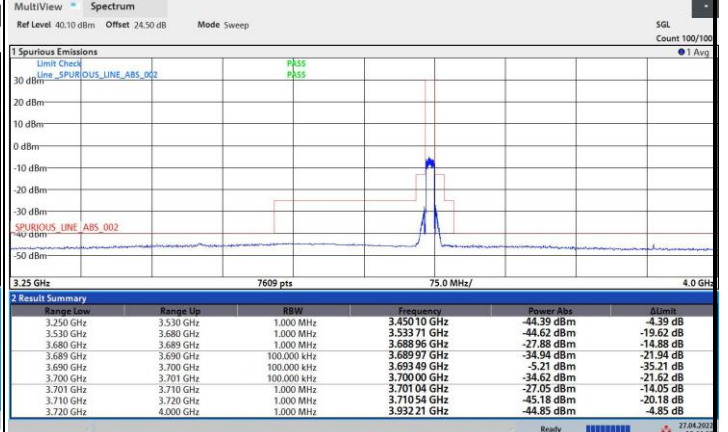
FR1 n48 / 10MHz / Highest Channel / MASK

QPSK



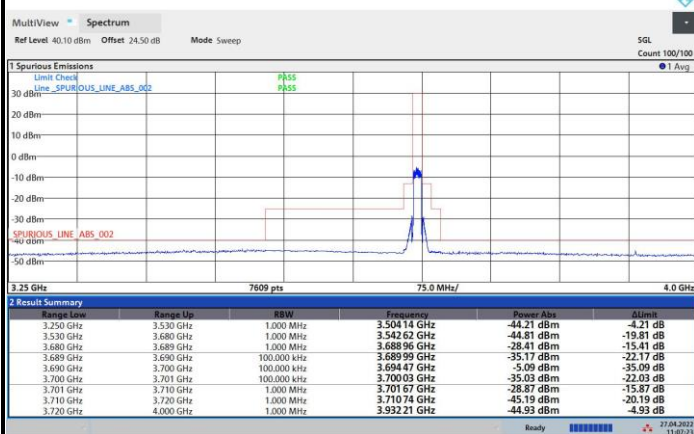
10:34:00 27.04.2022

16QAM



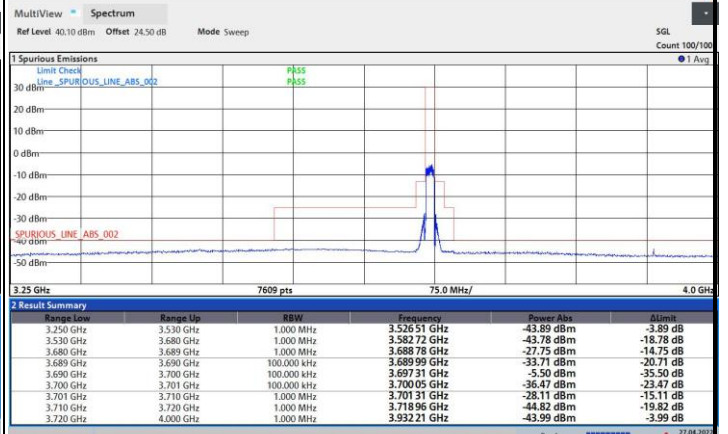
10:44:57 27.04.2022

64QAM



11:07:23 27.04.2022

256QAM



13:58:58 27.04.2022