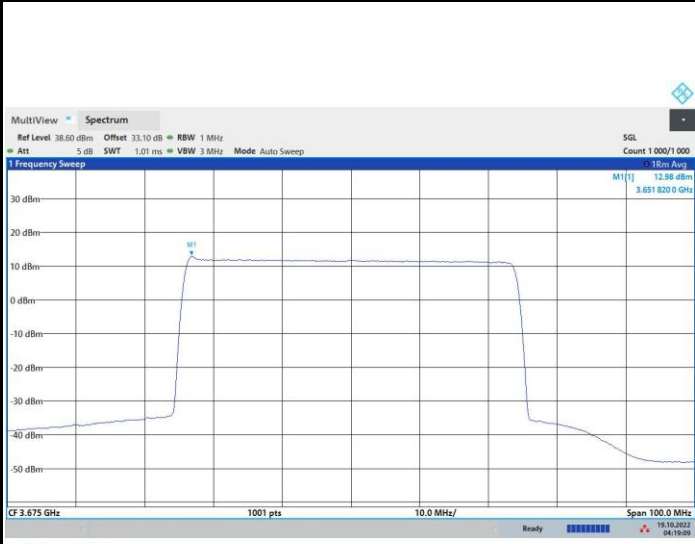


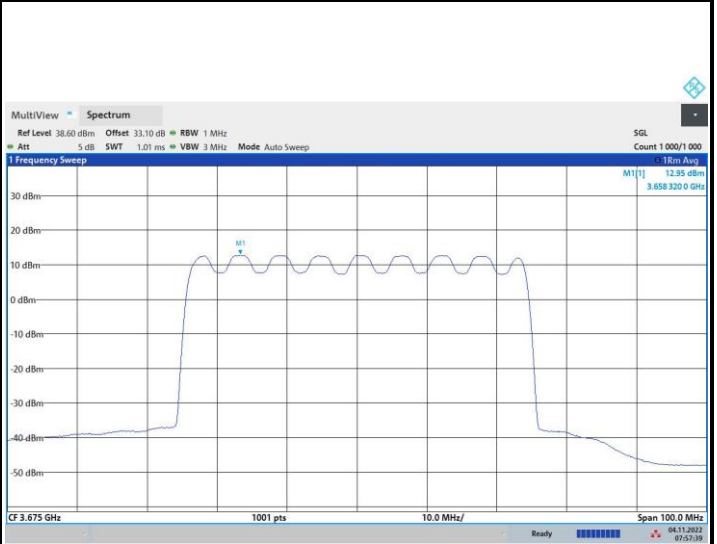


FR1 n48 / 50MHz / Highest Channel / PSD

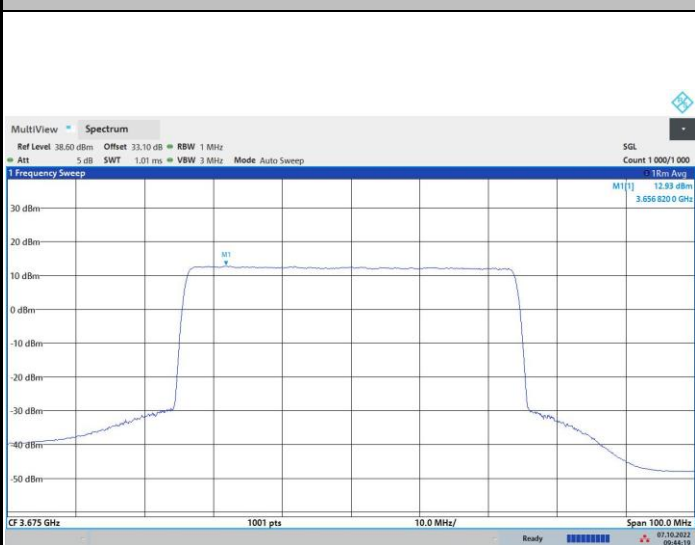
QPSK



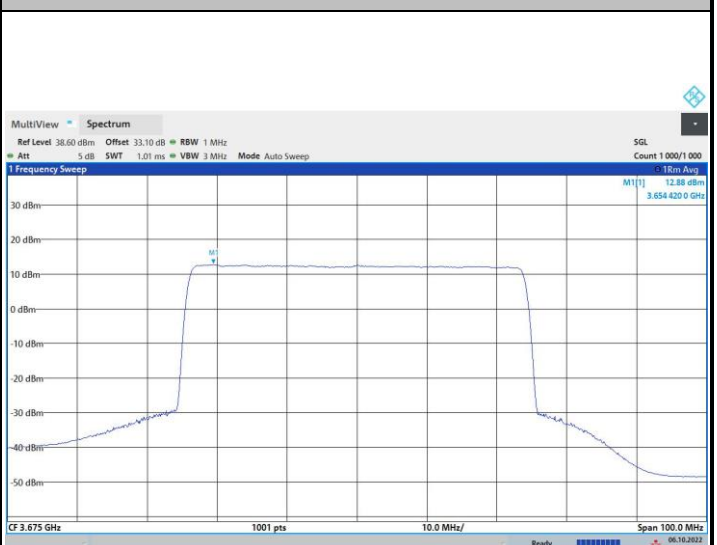
16QAM



64QAM



256QAM

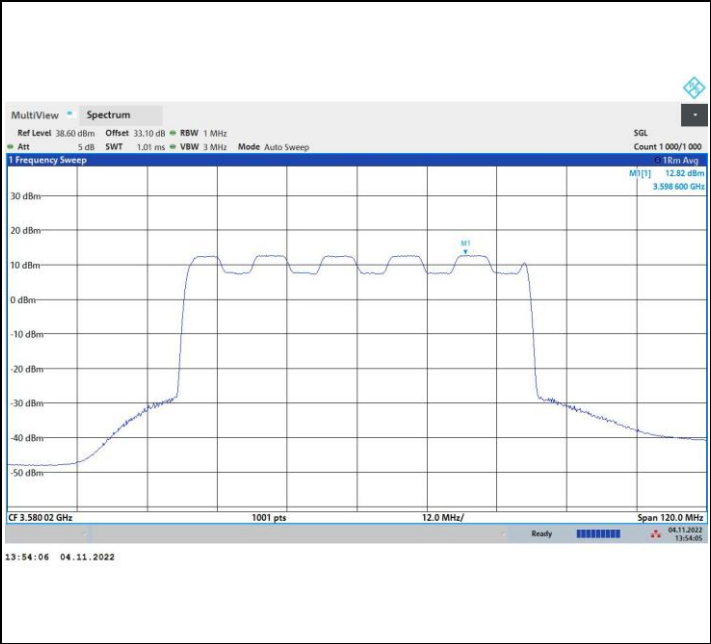
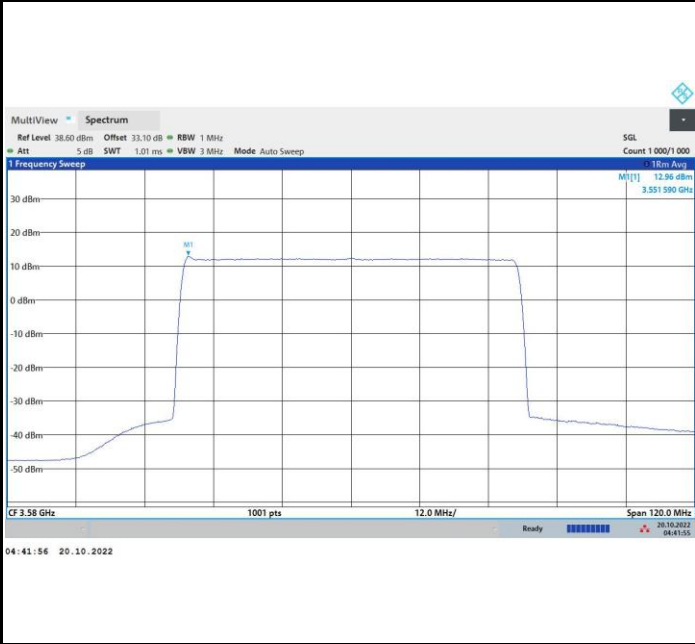




FR1 n48 / 60MHz / Lowest Channel / PSD

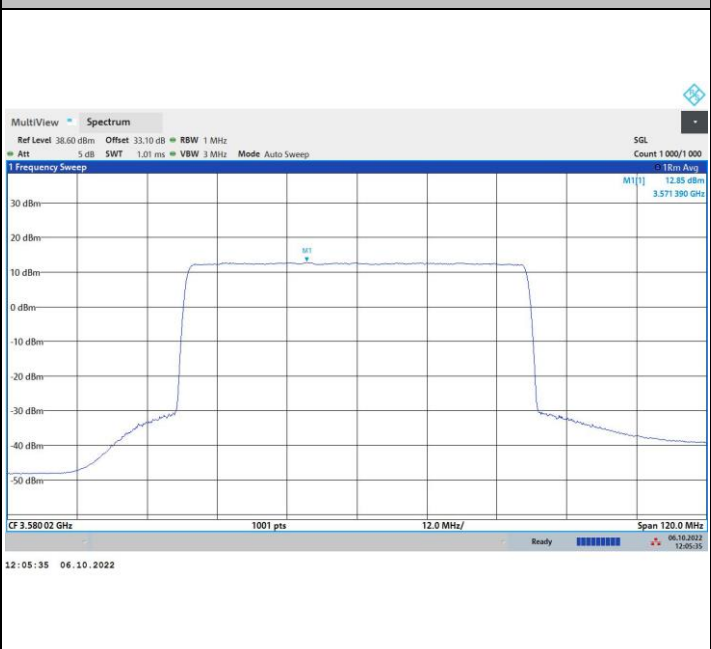
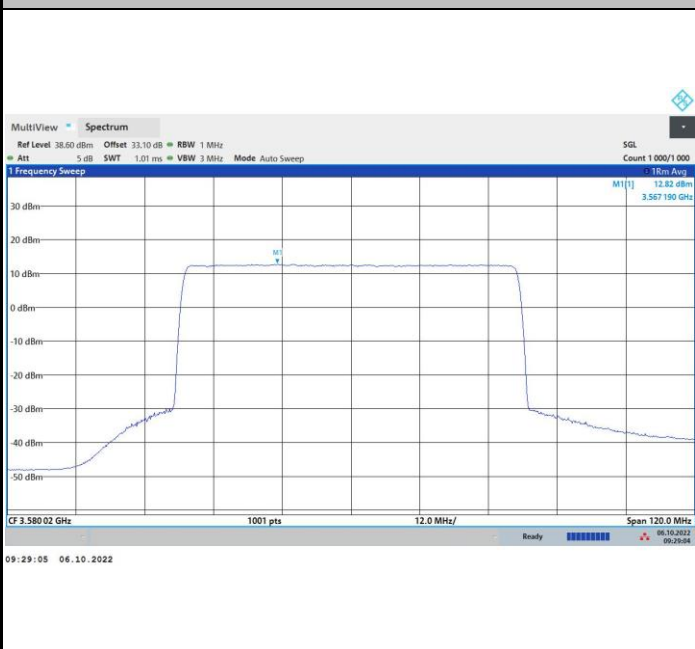
QPSK

16QAM



64QAM

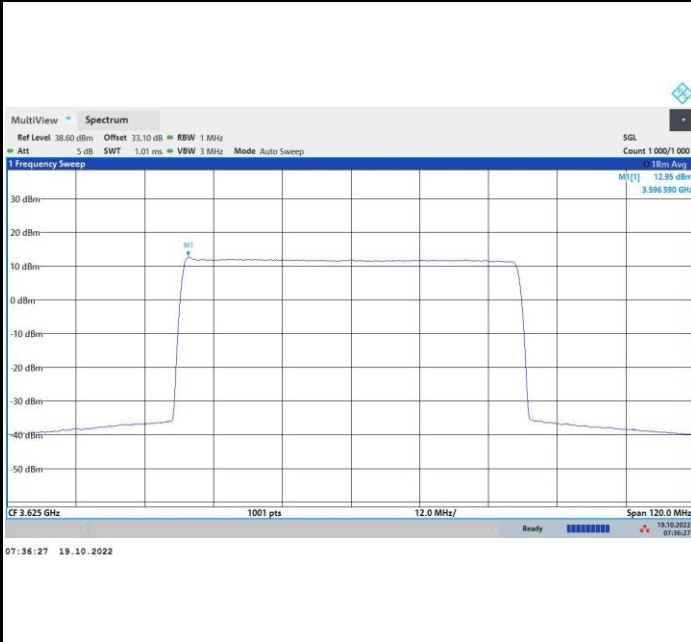
256QAM



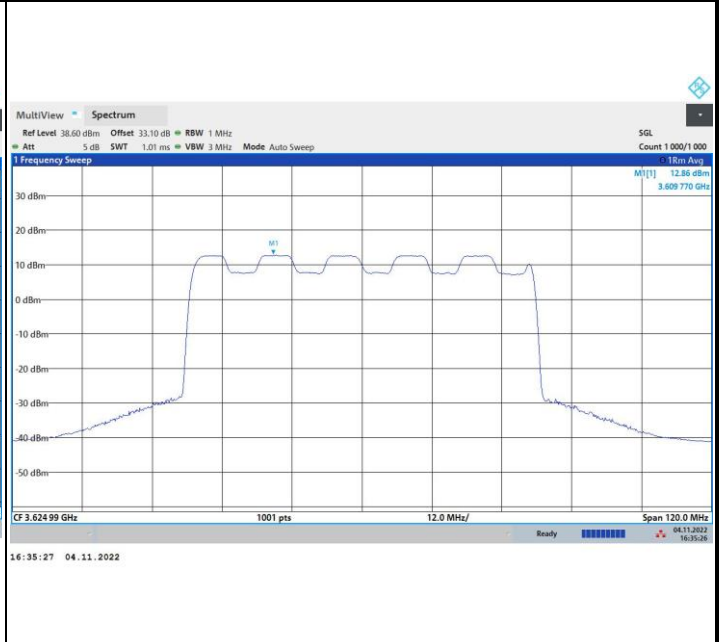


FR1 n48 / 60MHz / Middle Channel / PSD

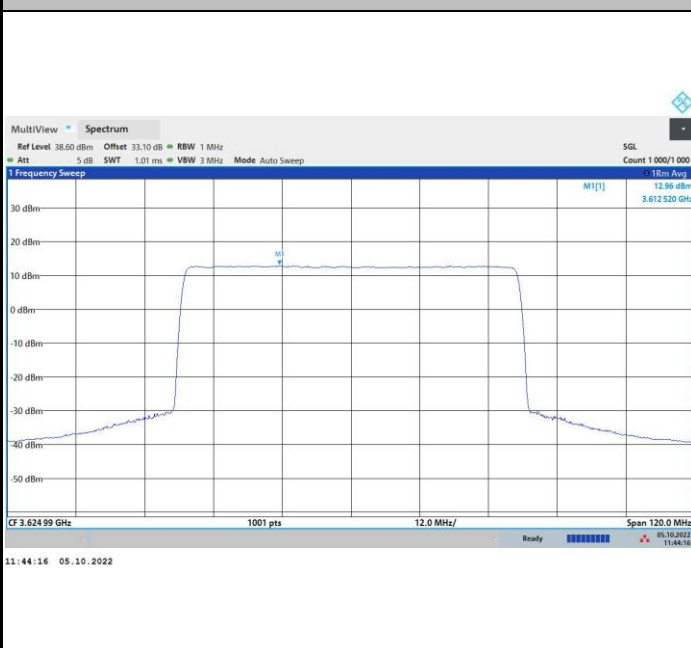
QPSK



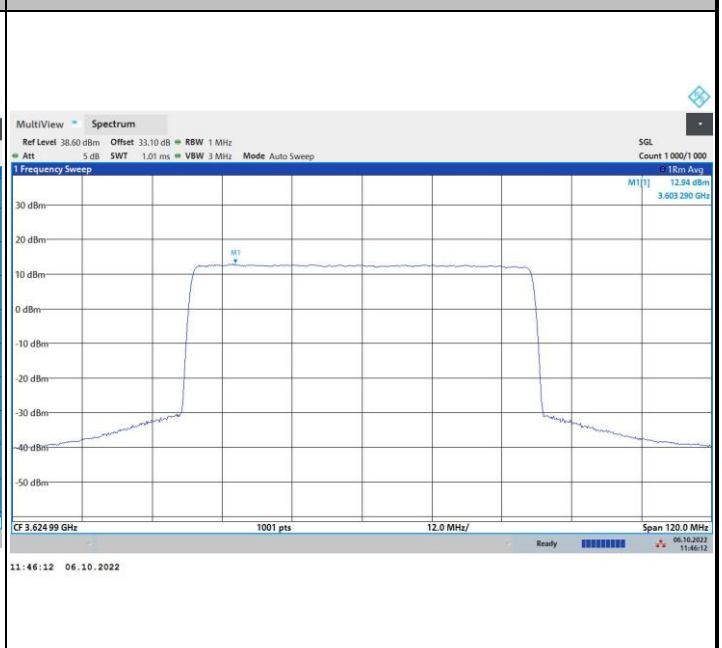
16QAM



64QAM



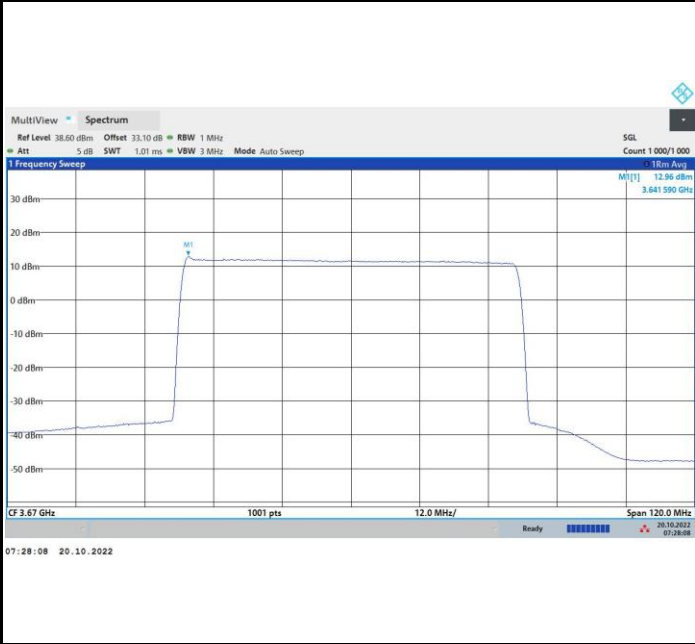
256QAM





FR1 n48 / 60MHz / Highest Channel / PSD

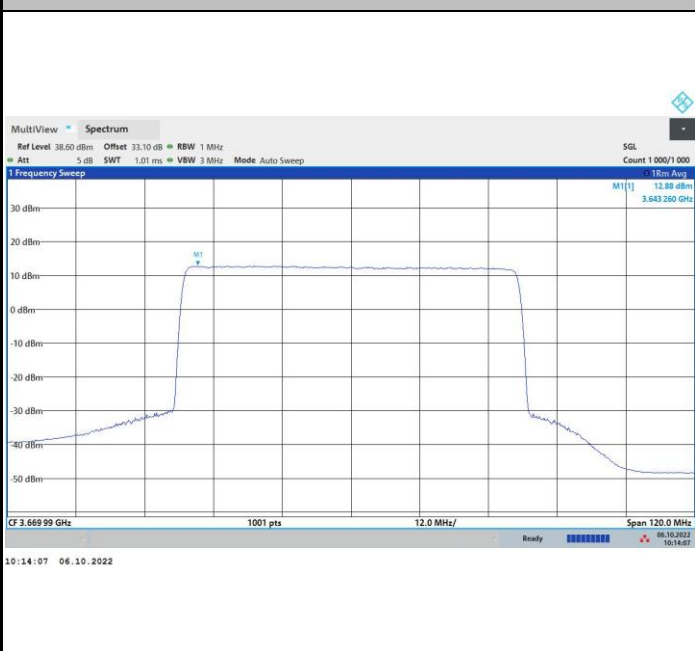
QPSK



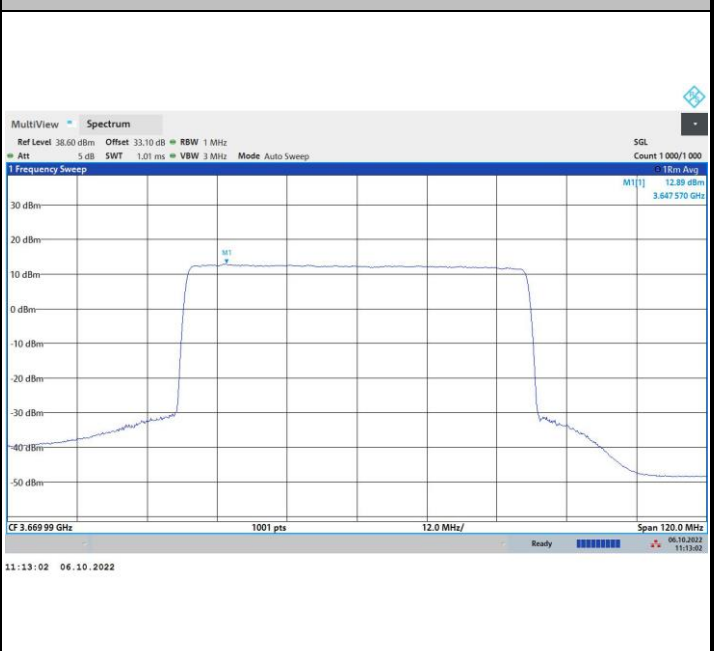
16QAM



64QAM



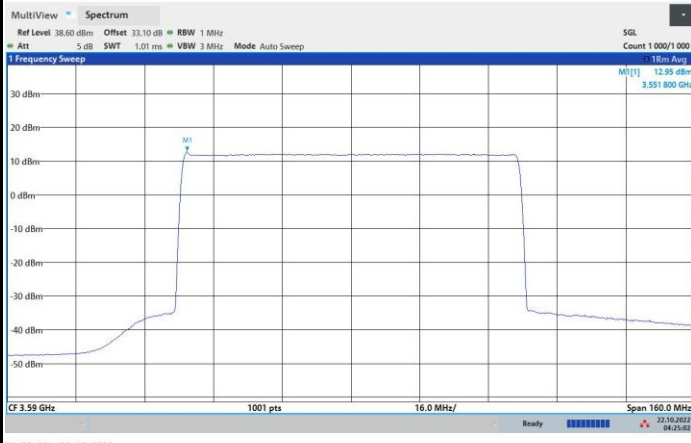
256QAM





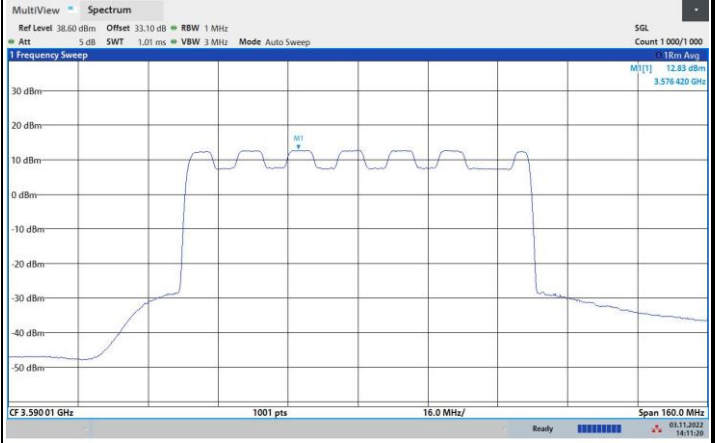
FR1 n48 / 80MHz / Lowest Channel / PSD

QPSK



04:25:03 22.10.2022

16QAM



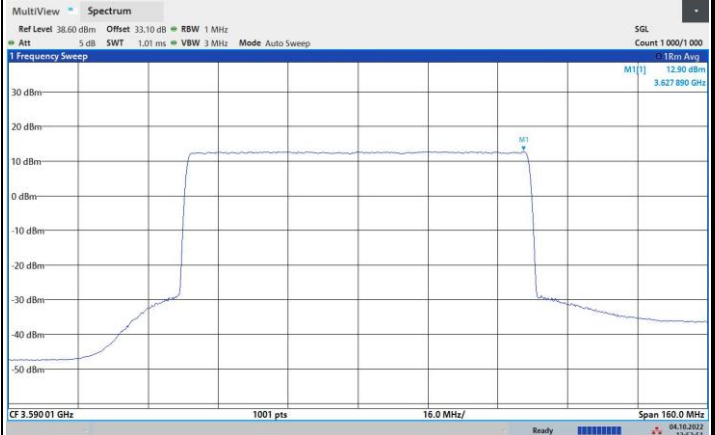
14:11:21 03.11.2022

64QAM



11:07:22 05.10.2022

256QAM

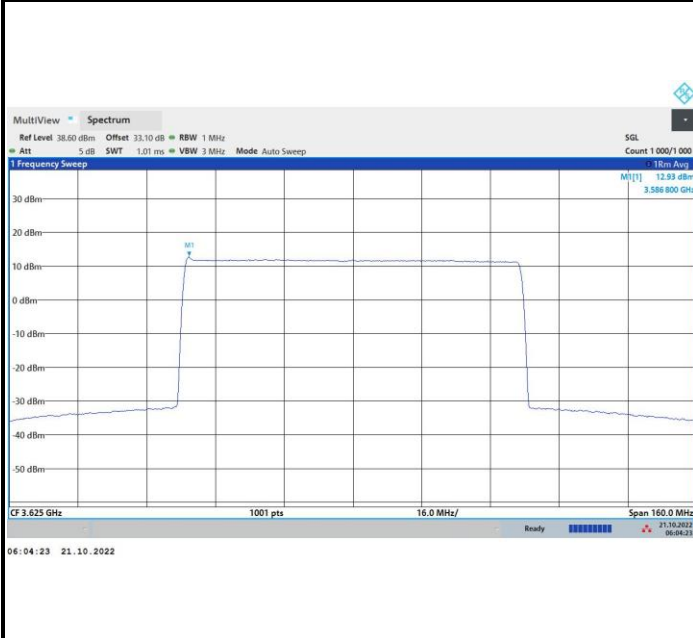


13:52:51 04.10.2022

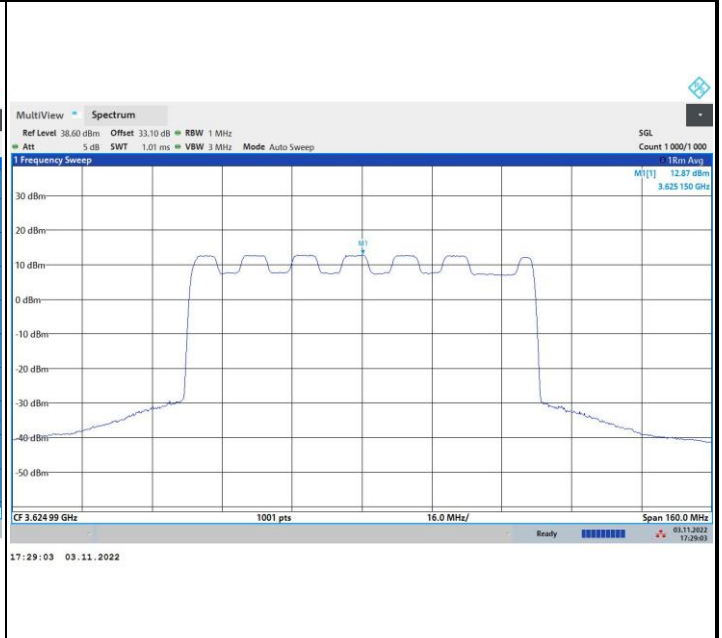


FR1 n48 / 80MHz / Middle Channel / PSD

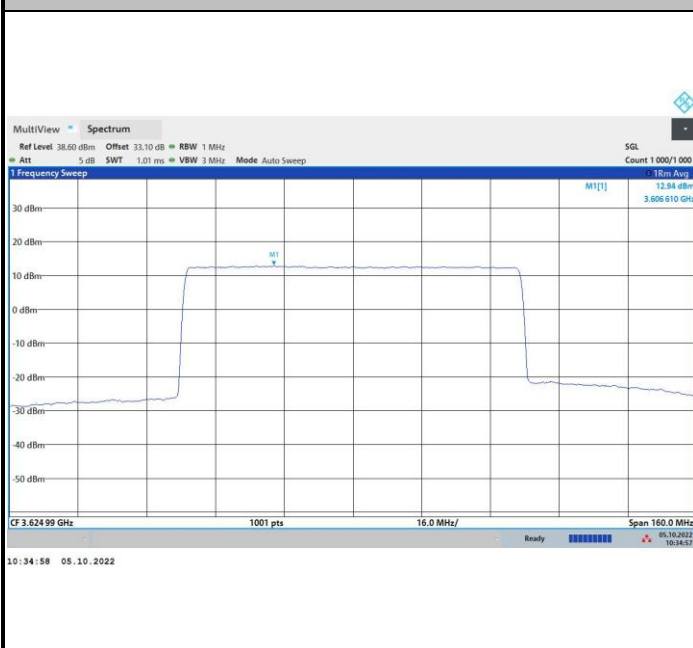
QPSK



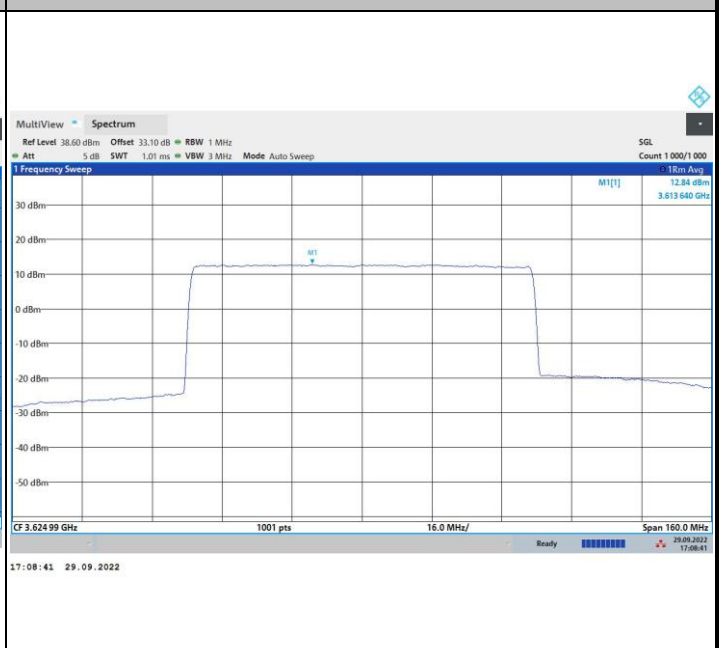
16QAM



64QAM



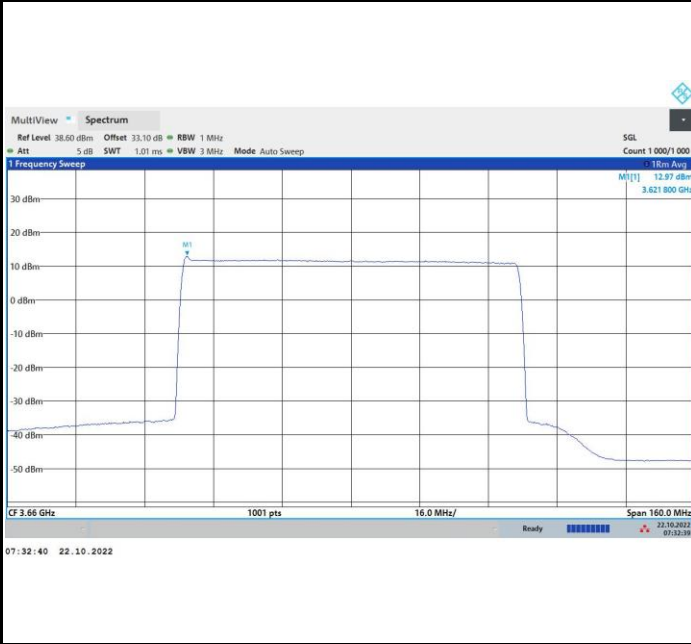
256QAM



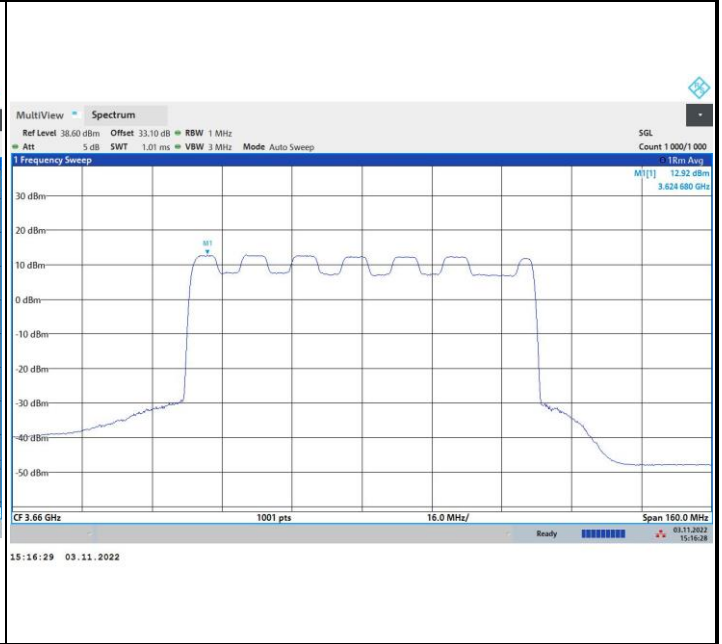


FR1 n48 / 80MHz / Highest Channel / PSD

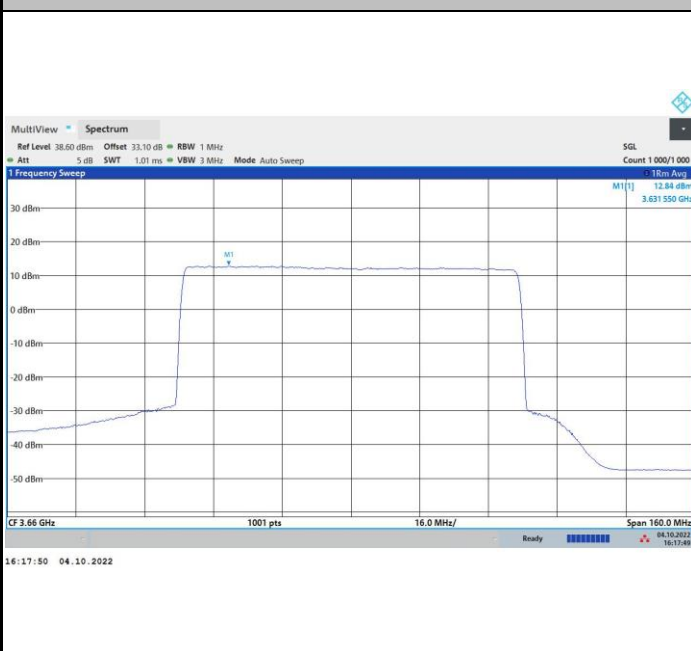
QPSK



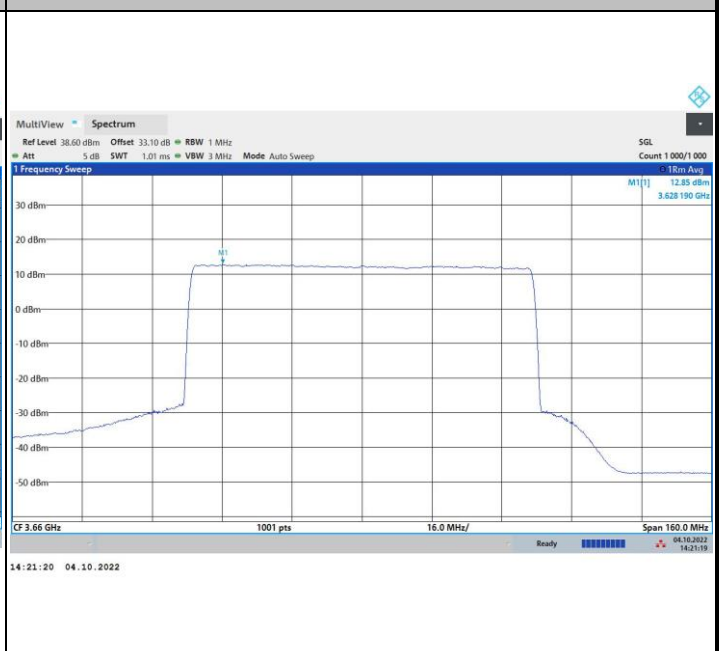
16QAM



64QAM



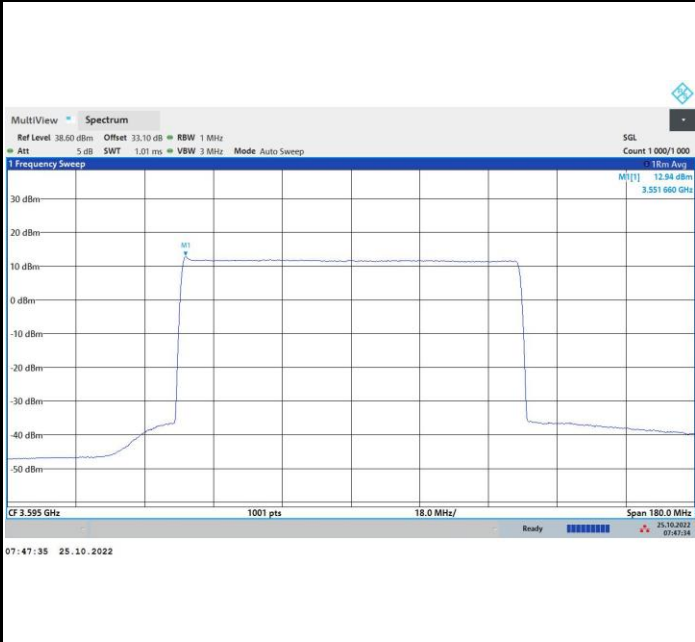
256QAM



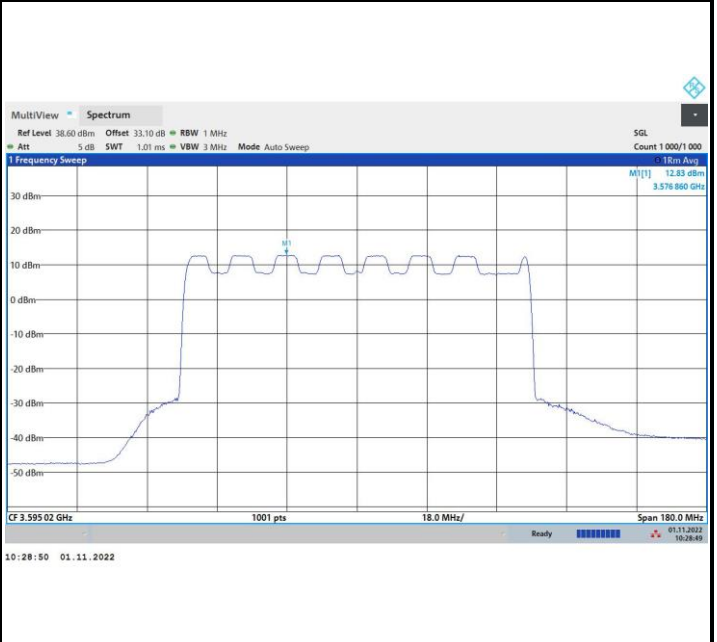


FR1 n48 / 90MHz / Lowest Channel / PSD

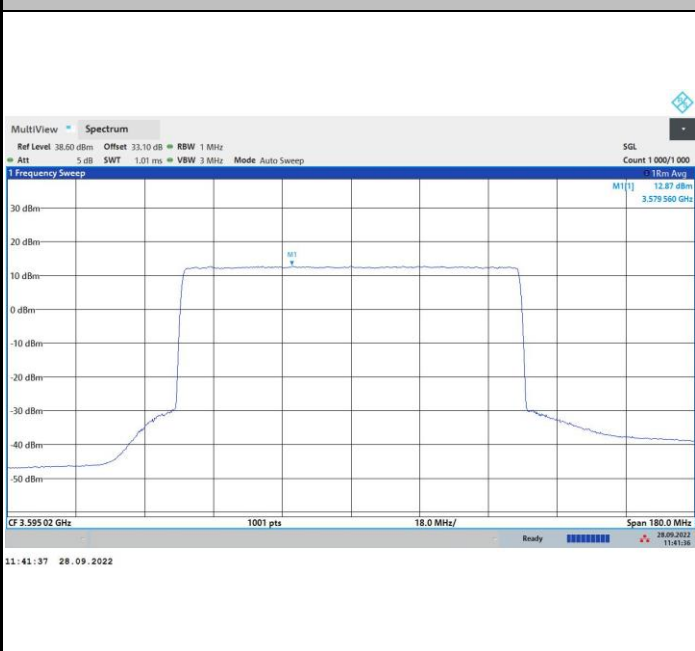
QPSK



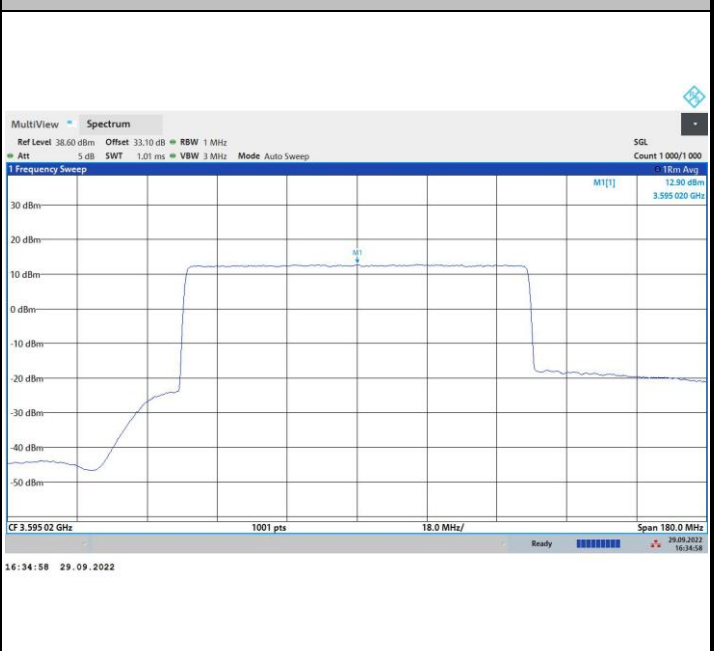
16QAM



64QAM



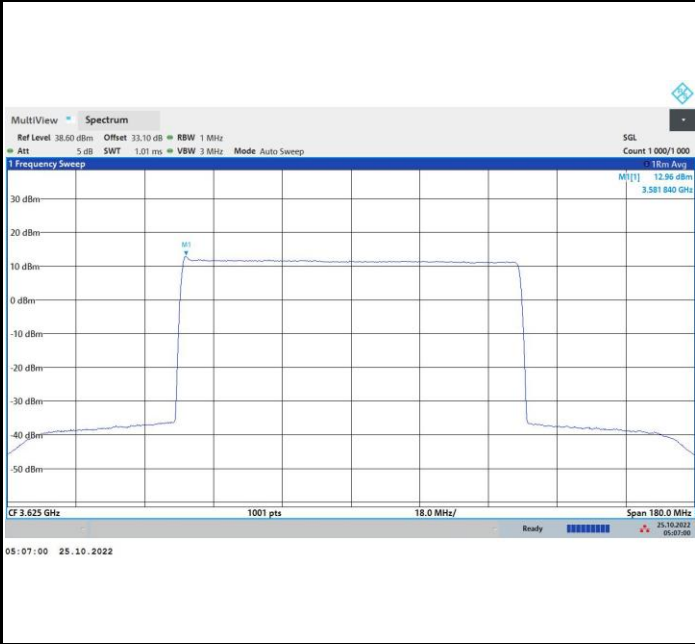
256QAM



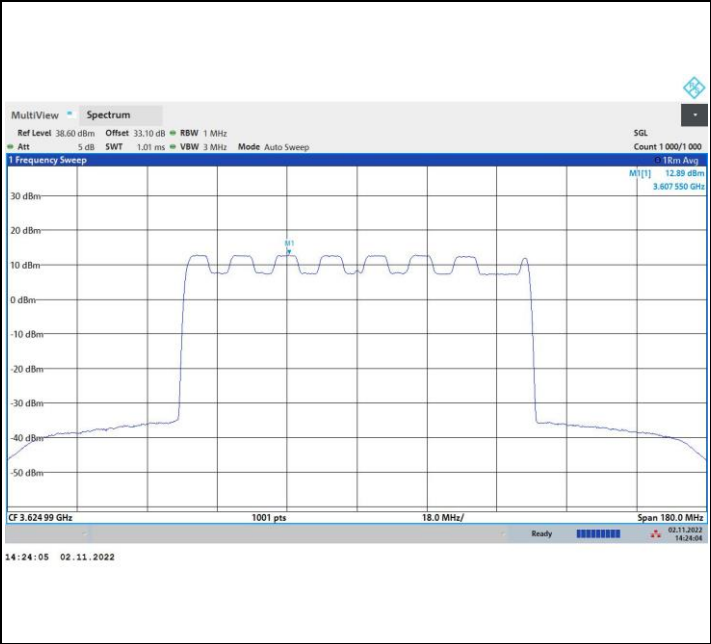


FR1 n48 / 90MHz / Middle Channel / PSD

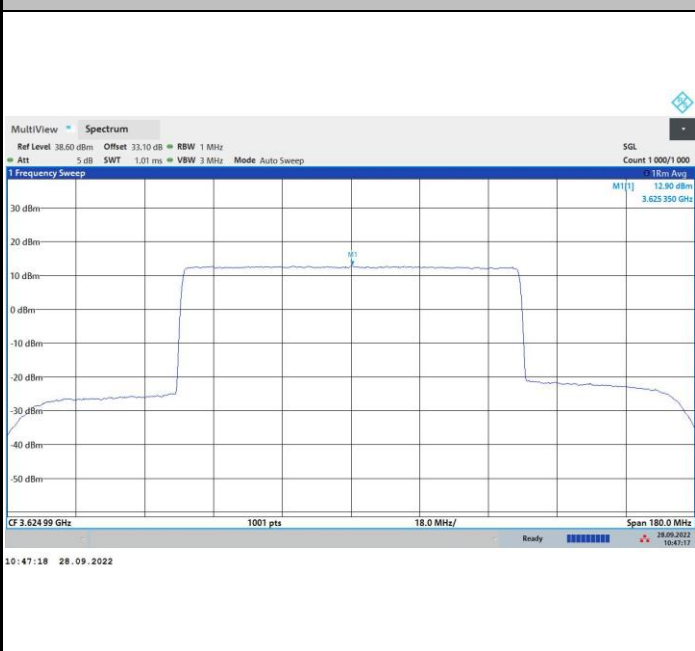
QPSK



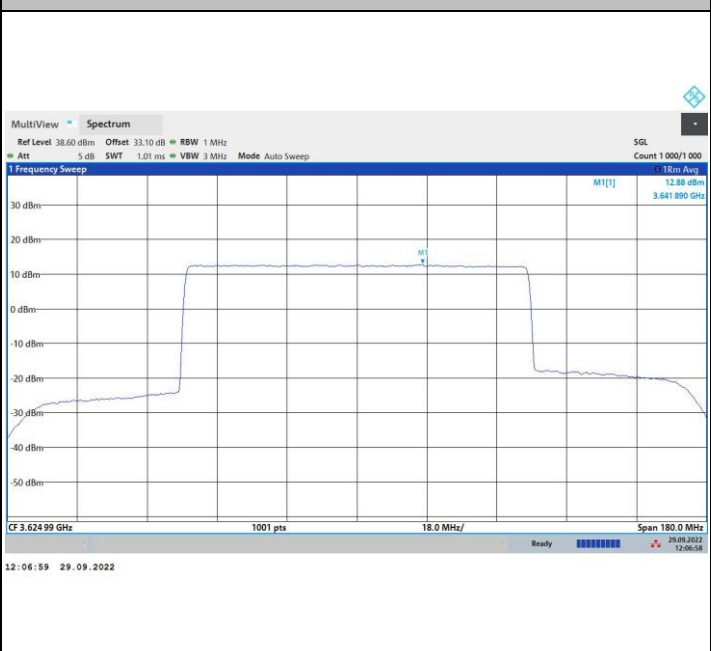
16QAM



64QAM



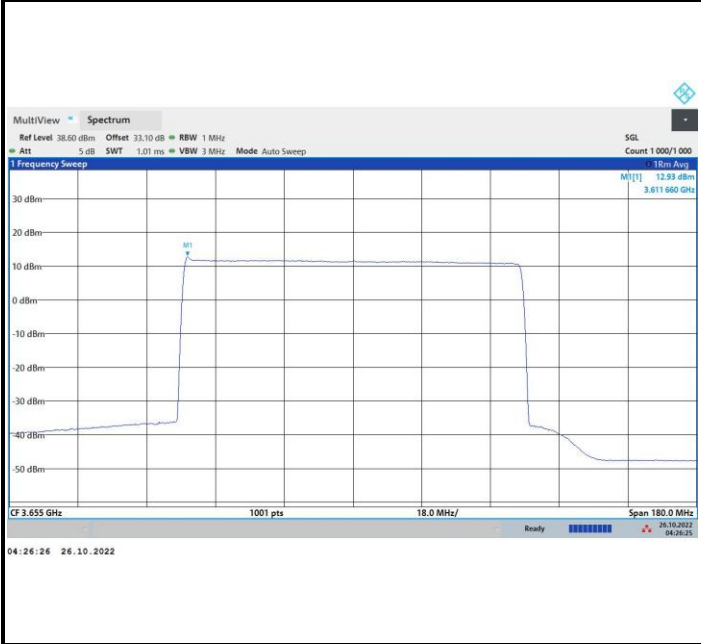
256QAM



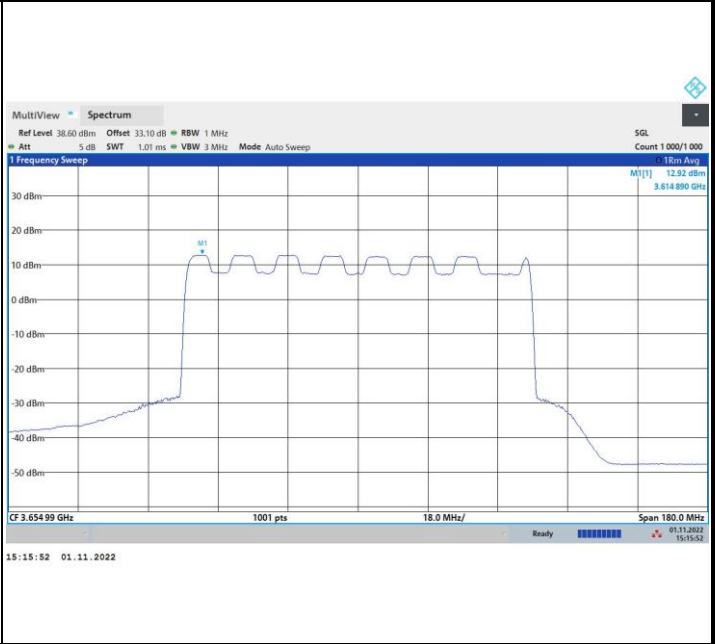


FR1 n48 / 90MHz / Highest Channel / PSD

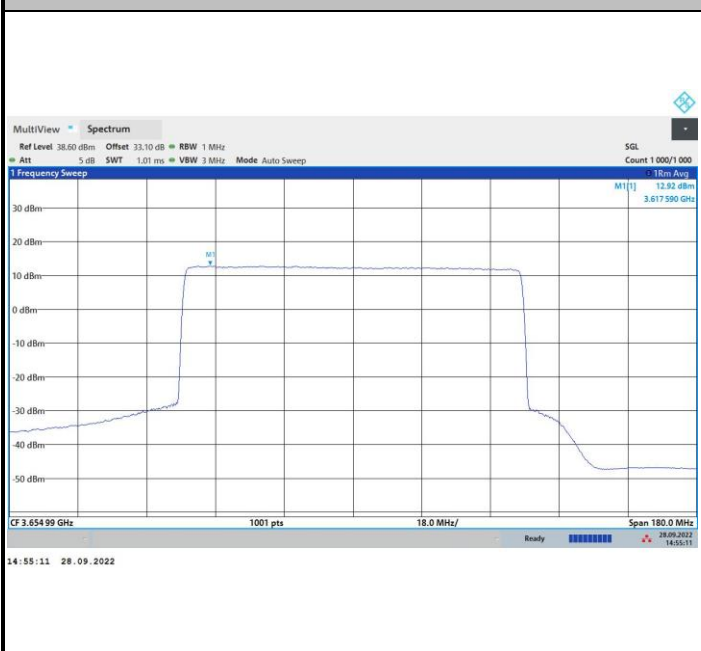
QPSK



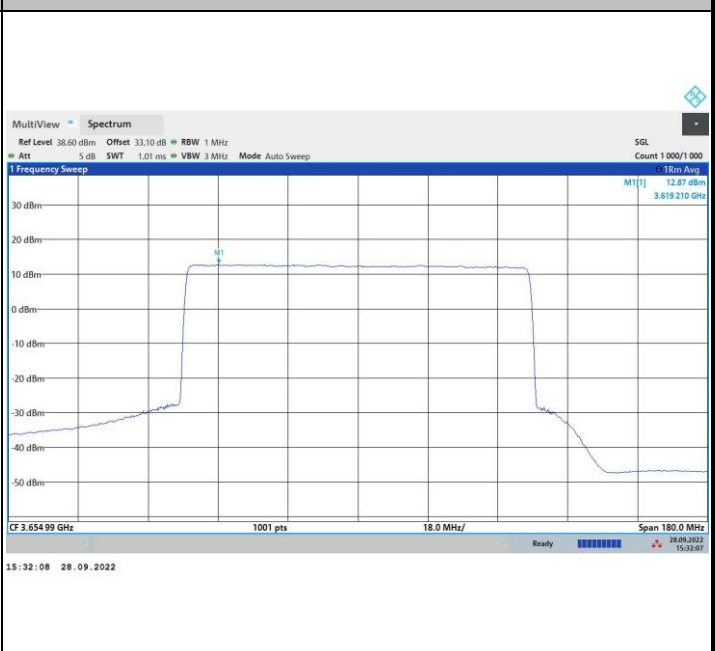
16QAM



64QAM



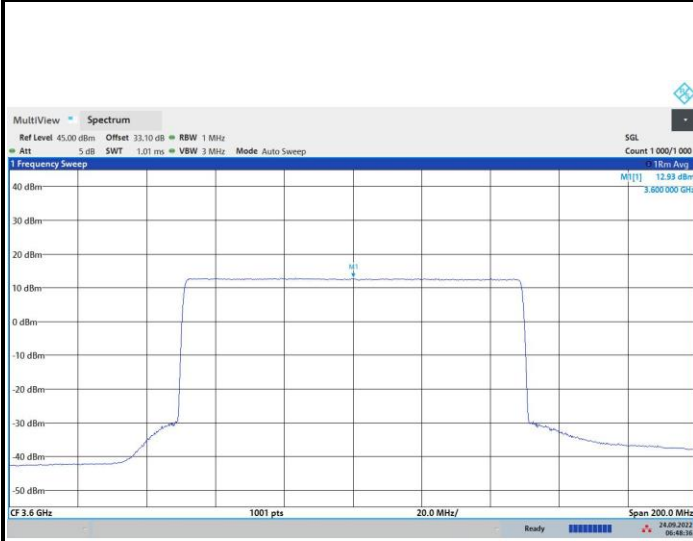
256QAM





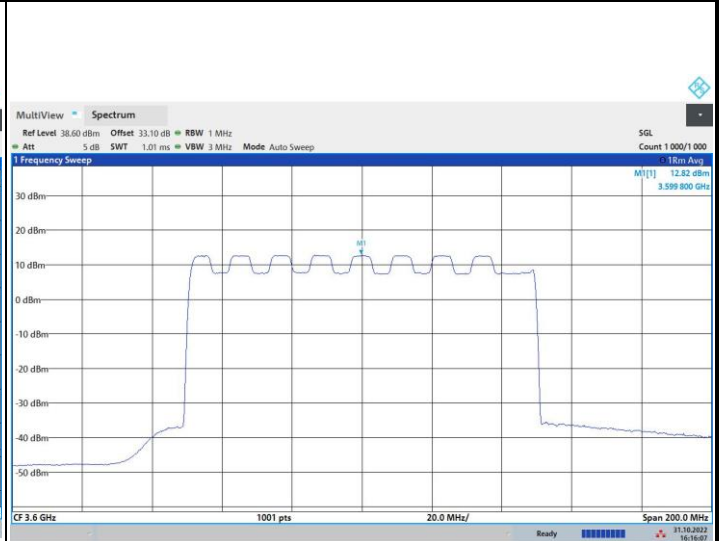
FR1 n48 / 100MHz / Lowest Channel / PSD

QPSK



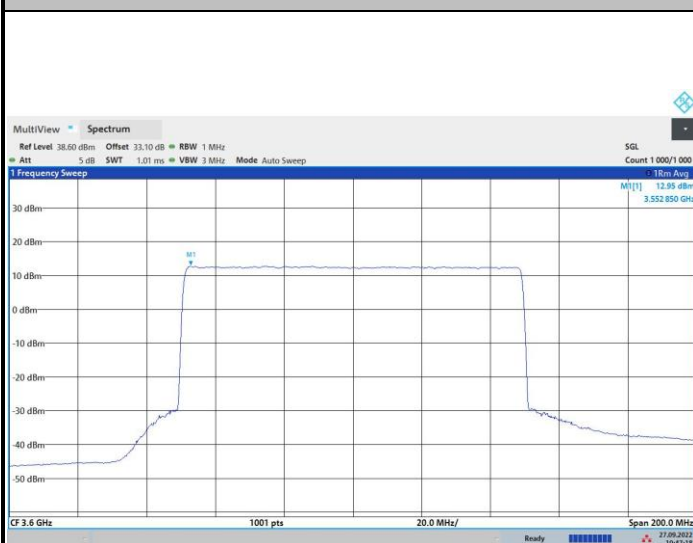
06:48:37 24.09.2022

16QAM



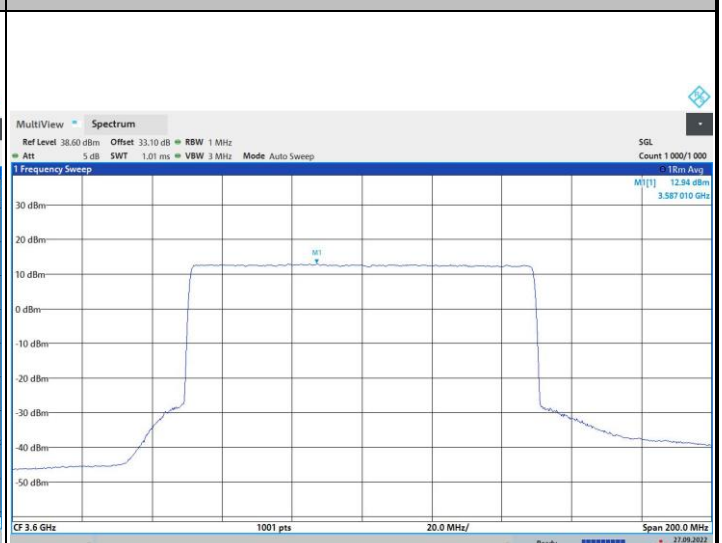
16:16:08 31.10.2022

64QAM



10:47:18 27.09.2022

256QAM

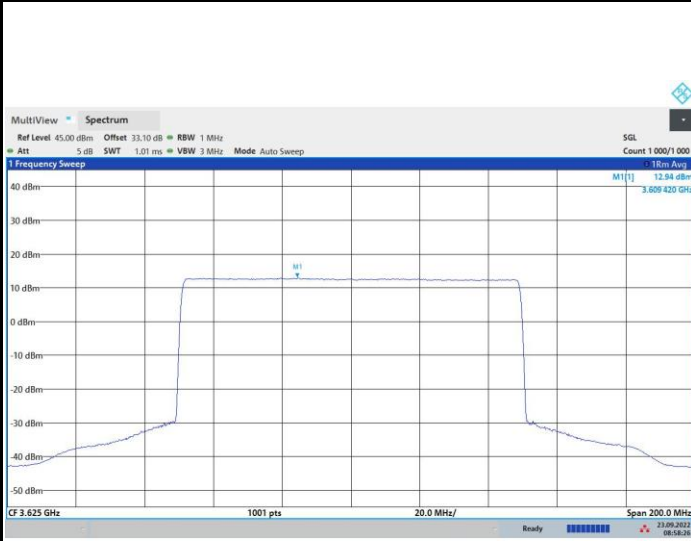


16:59:46 27.09.2022



FR1 n48 / 100MHz / Middle Channel / PSD

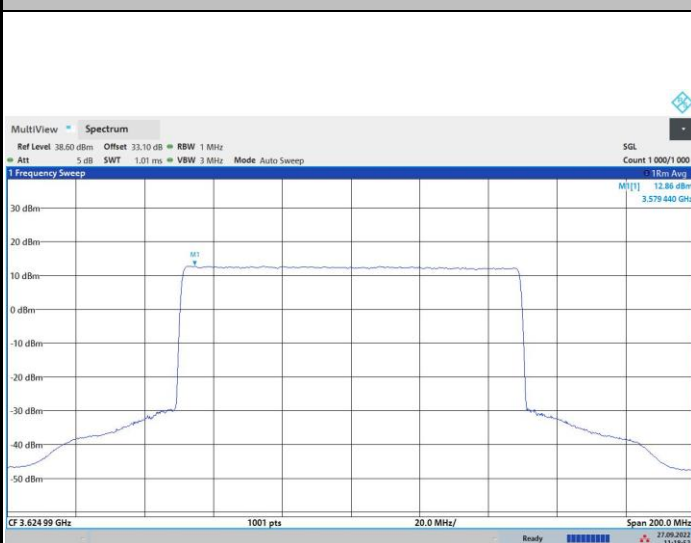
QPSK



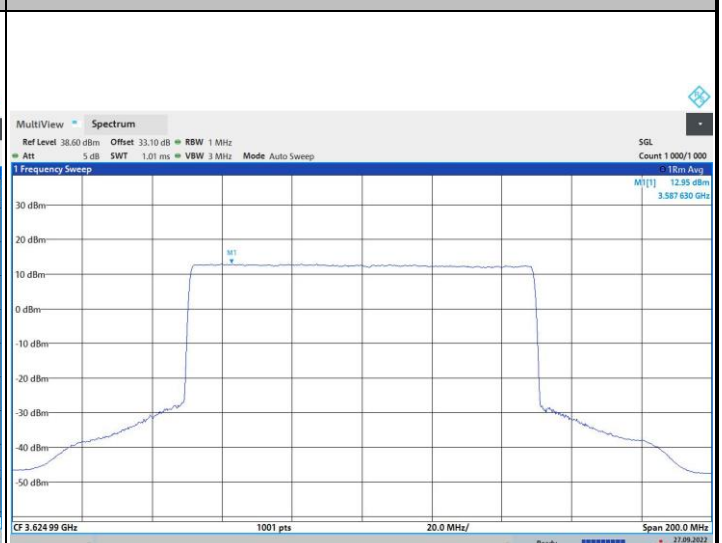
16QAM



64QAM



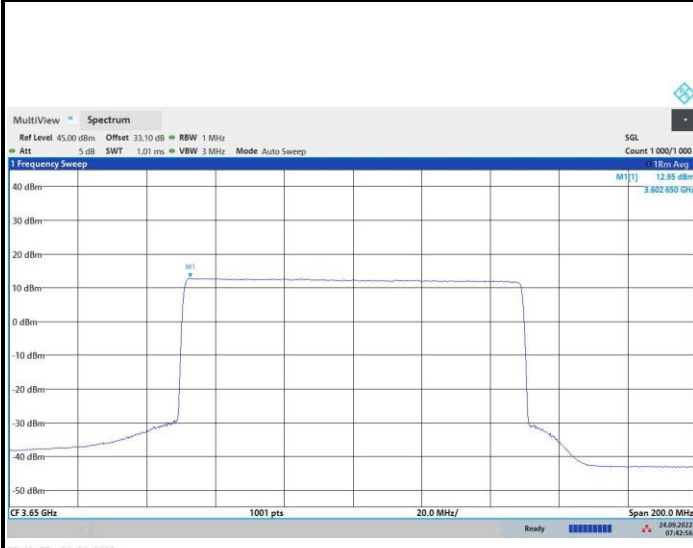
256QAM





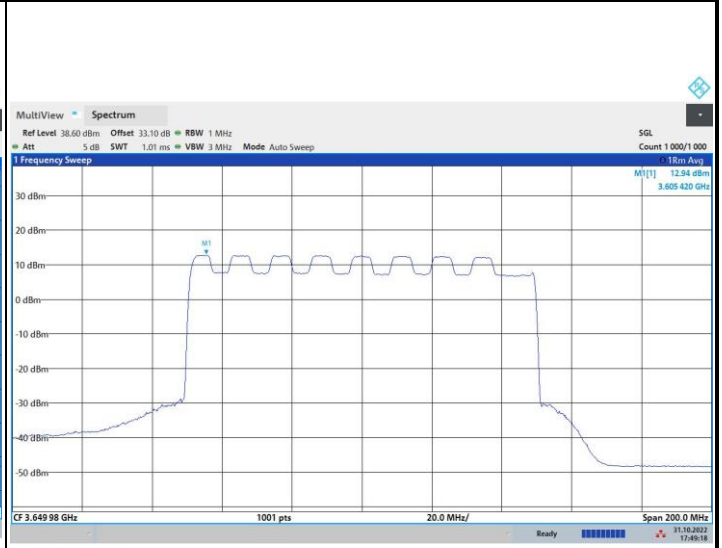
FR1 n48 / 100MHz / Highest Channel / PSD

QPSK



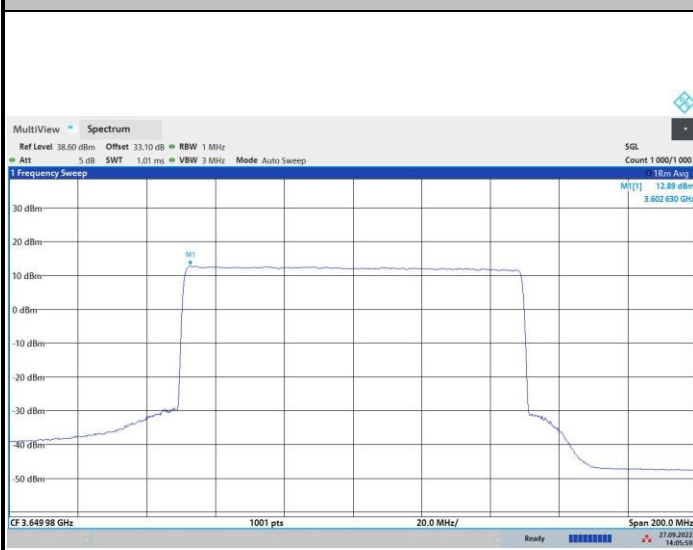
07:42:57 24.09.2022

16QAM



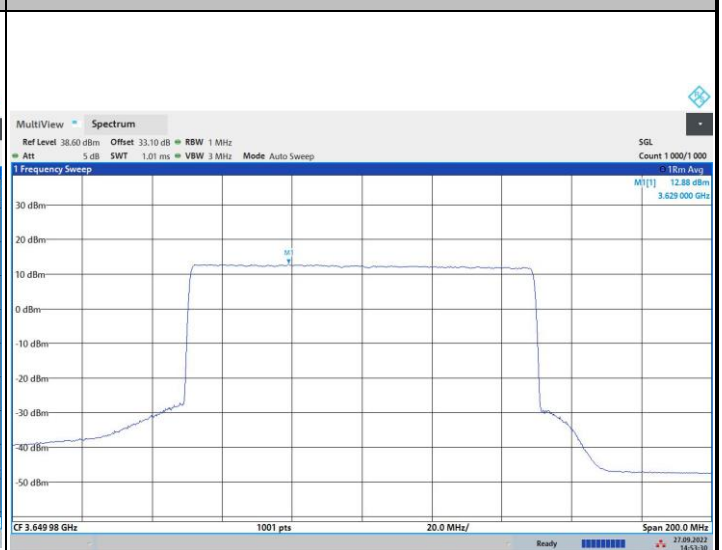
17:49:18 31.10.2022

64QAM



14:06:00 27.09.2022

256QAM

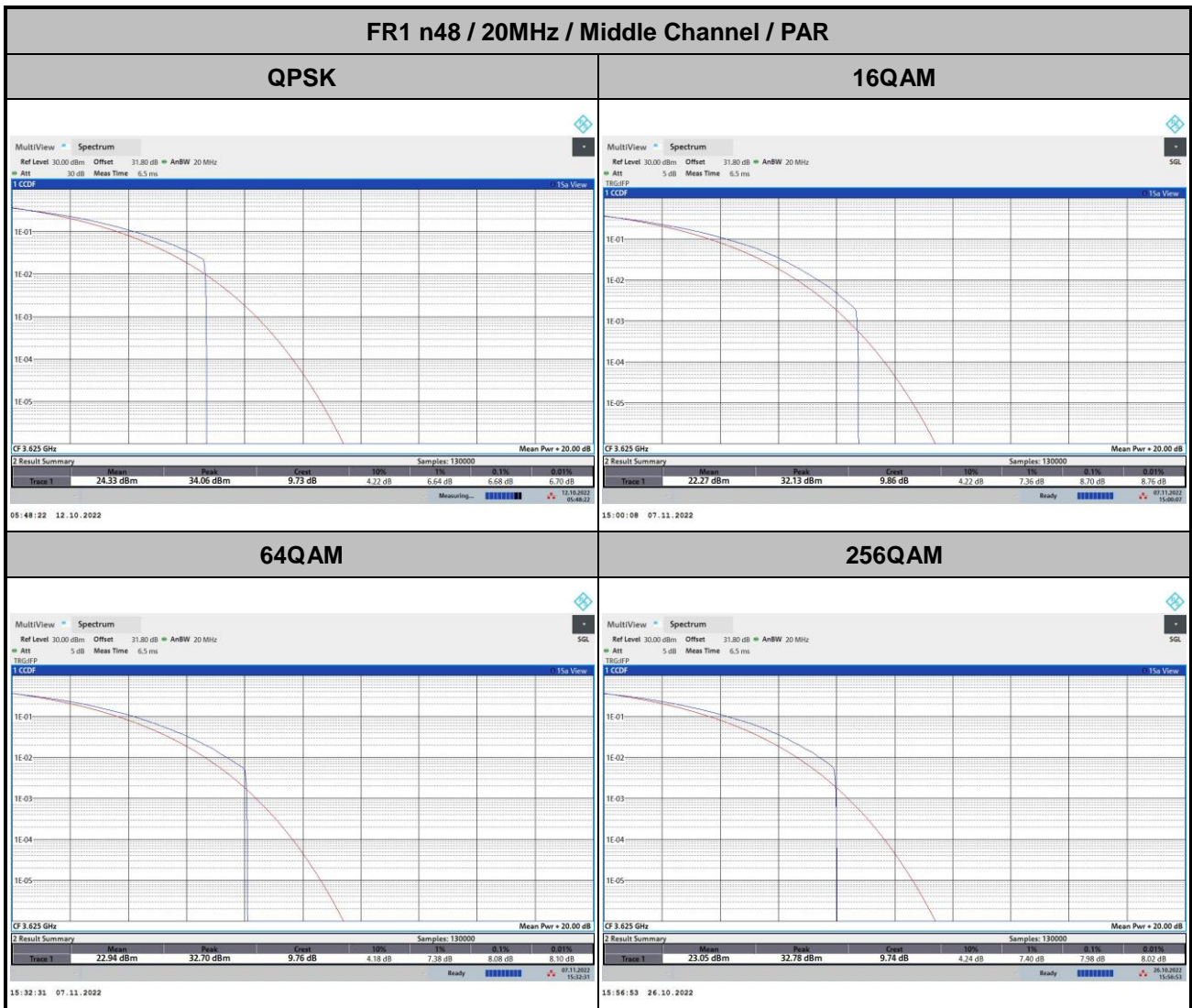


14:53:31 27.09.2022



Peak-to-Average Ratio

Mode	FR1 n48 / 20MHz / PAR (dB)				Limit: 13dB
Mod.	QPSK	16QAM	64QAM	256QAM	Result
Middle CH	6.68	8.70	8.08	7.98	PASS

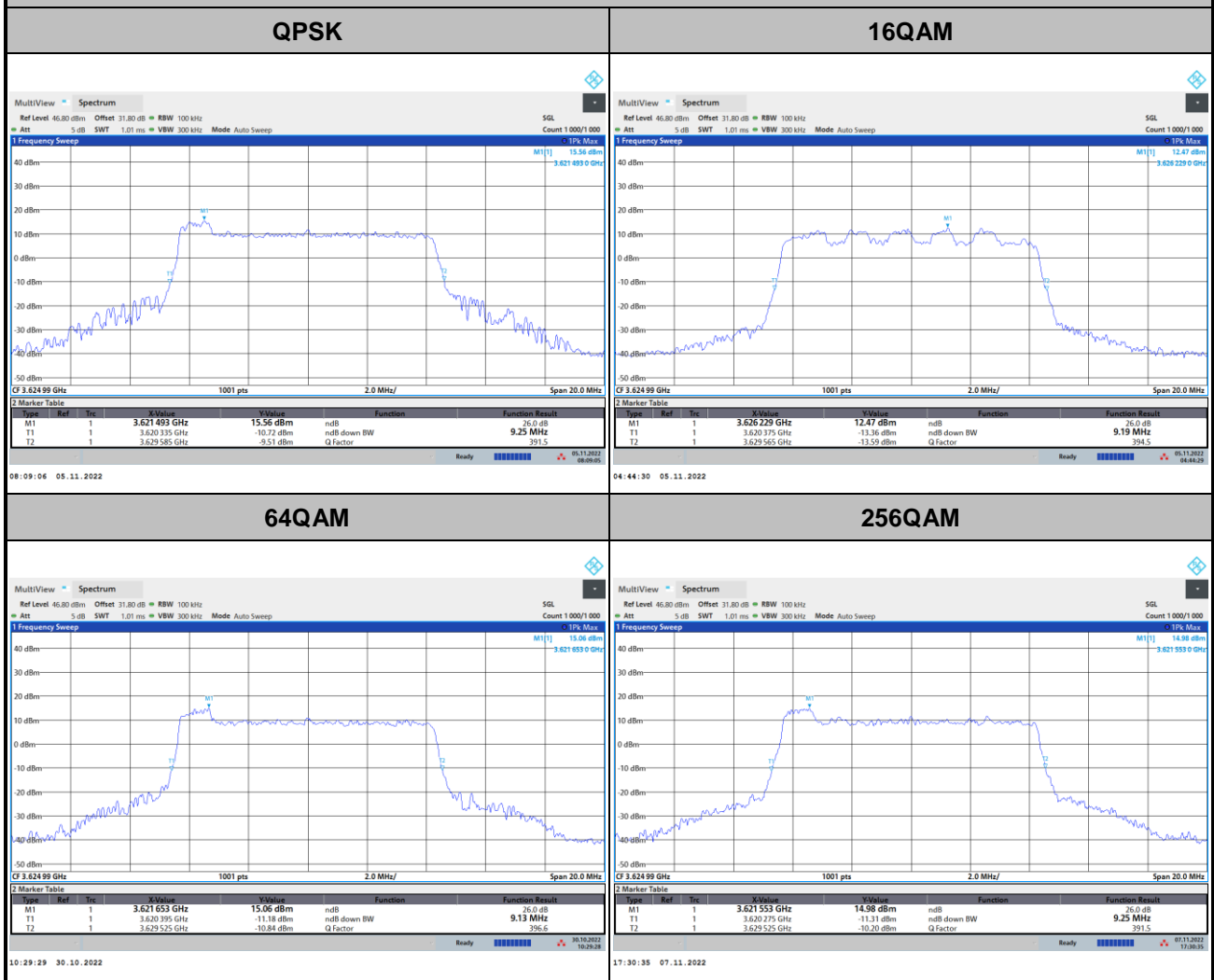




26dB Bandwidth

Mode	FR1 n48 : 26dB BW(MHz)							
	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	9.25	9.19	19.38	19.46	40.44	40.36	50.05	50.15
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	9.13	9.25	19.18	19.38	40.36	40.52	50.25	50.05
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	60.54	60.54	80.40	80.40	90.45	90.45	100.70	100.50
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	60.54	60.66	80.40	80.40	90.45	90.63	100.50	100.30

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

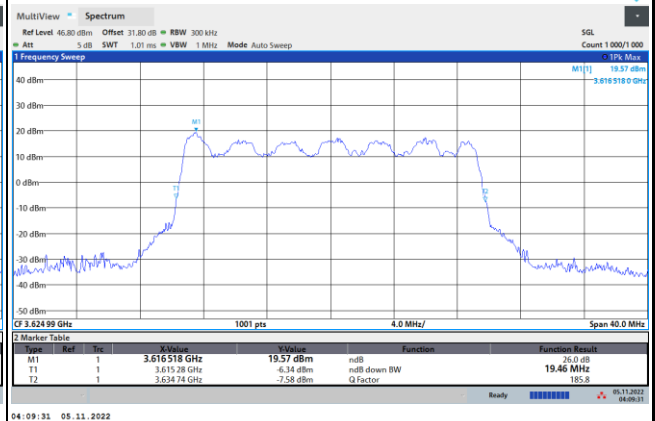
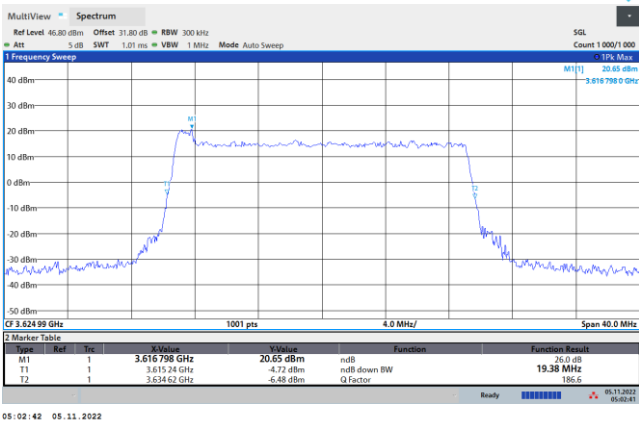




FR1 n48 / 20MHz / Middle Channel / 26dB BW

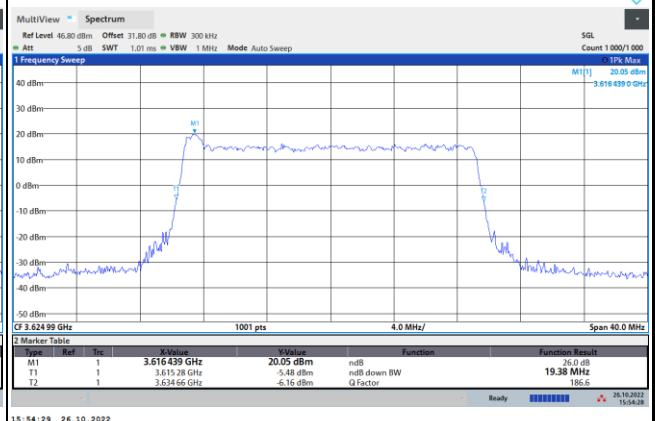
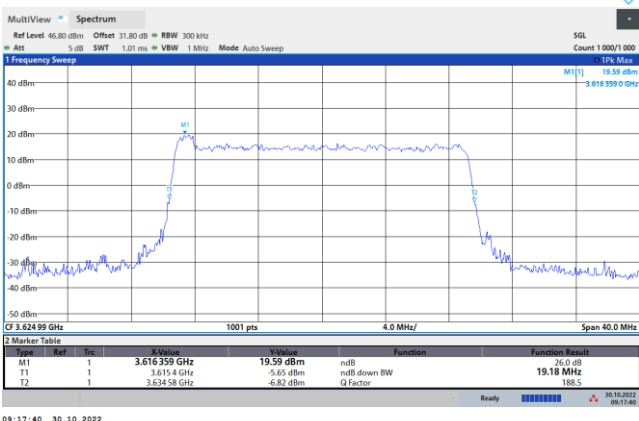
QPSK

16QAM



64QAM

256QAM

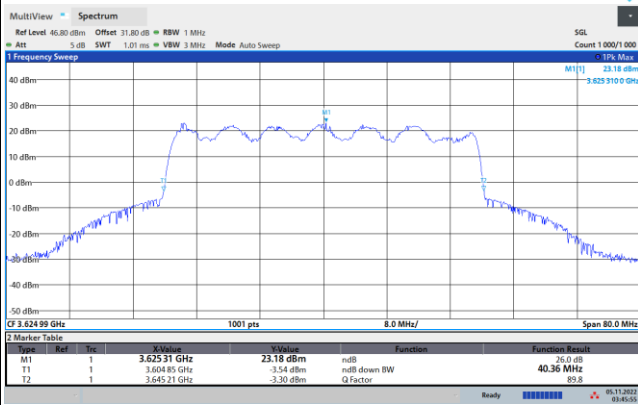
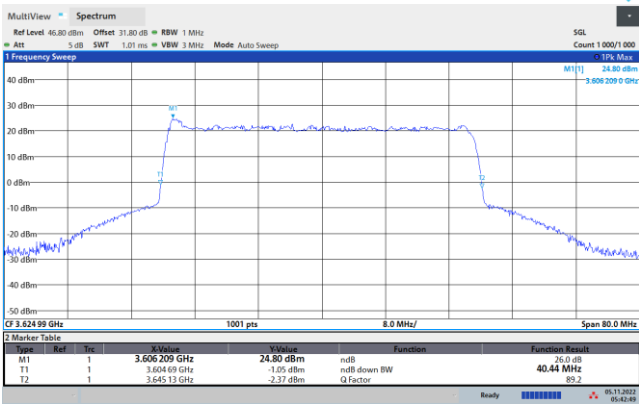




FR1 n48 / 40MHz / Middle Channel / 26dB BW

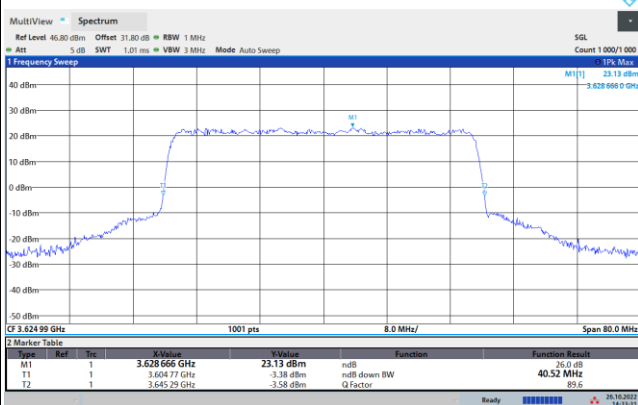
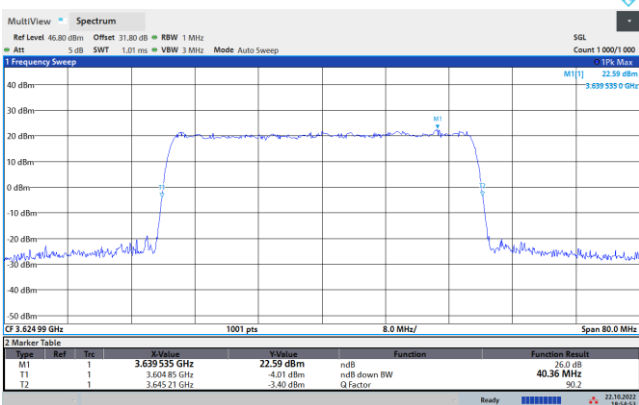
QPSK

16QAM



64QAM

256QAM

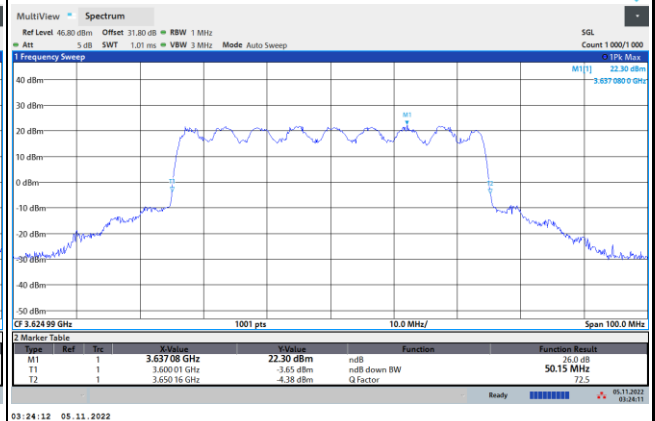
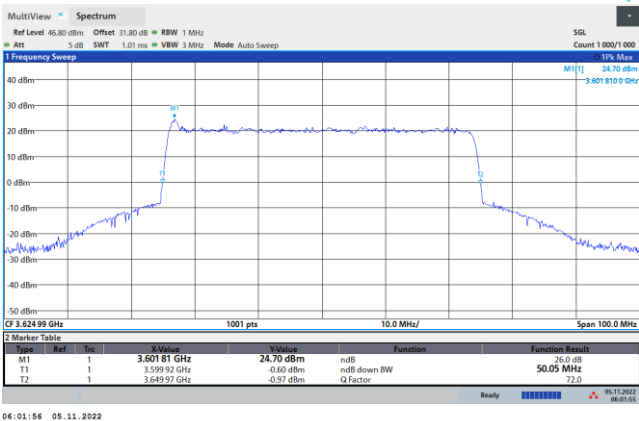




FR1 n48 / 50MHz / Middle Channel / 26dB BW

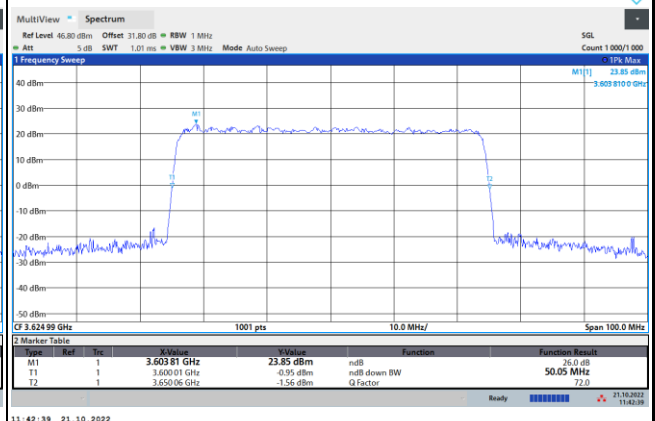
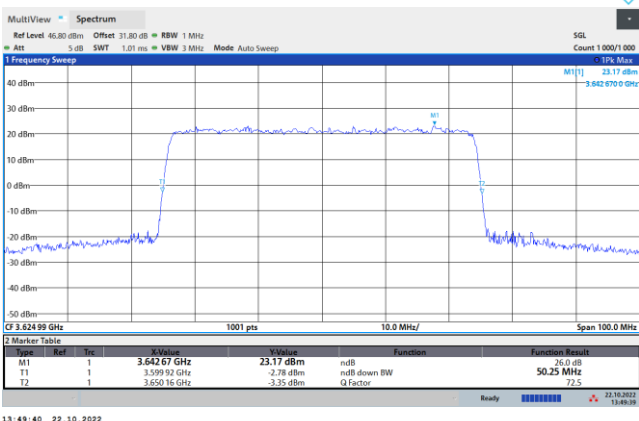
QPSK

16QAM



64QAM

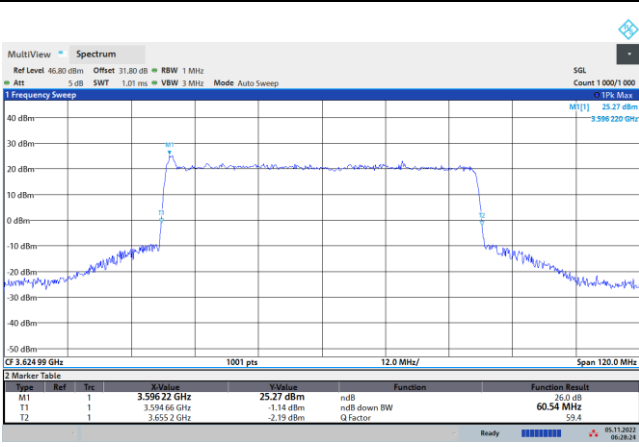
256QAM



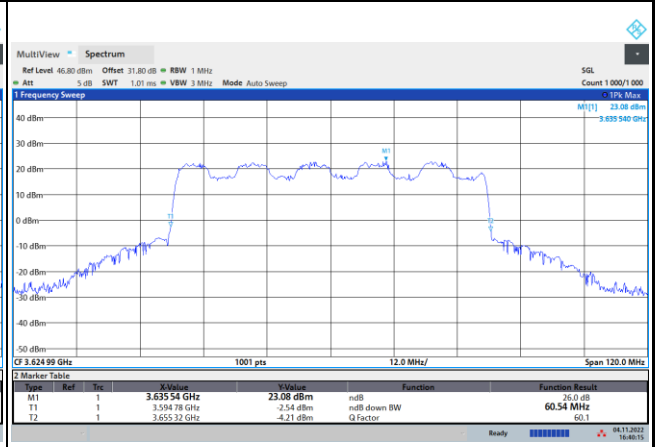


FR1 n48 / 60MHz / Middle Channel / 26dB BW

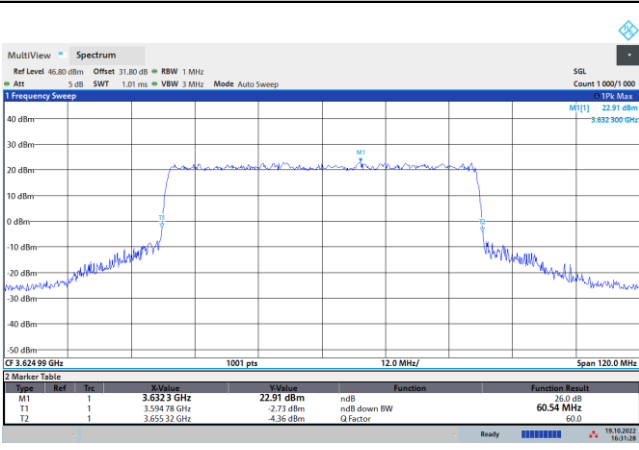
QPSK



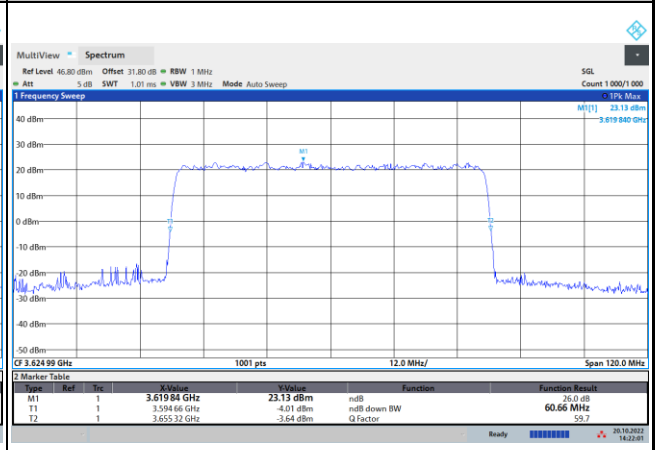
16QAM



64QAM



256QAM

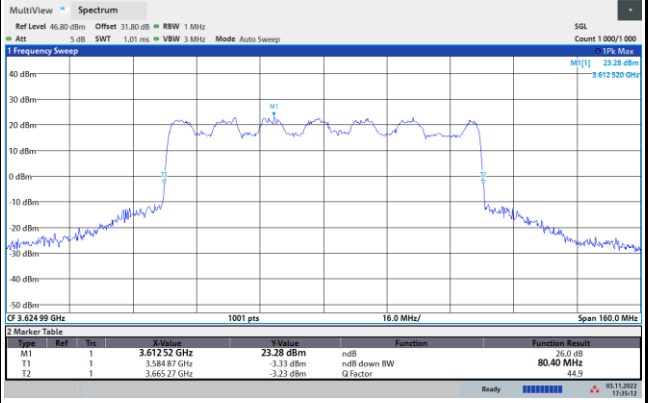
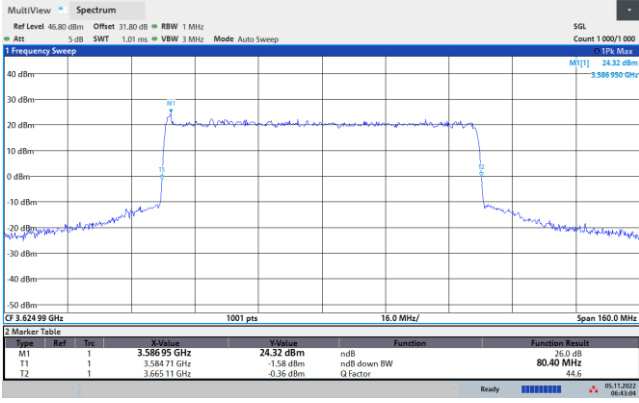




FR1 n48 / 80MHz / Middle Channel / 26dB BW

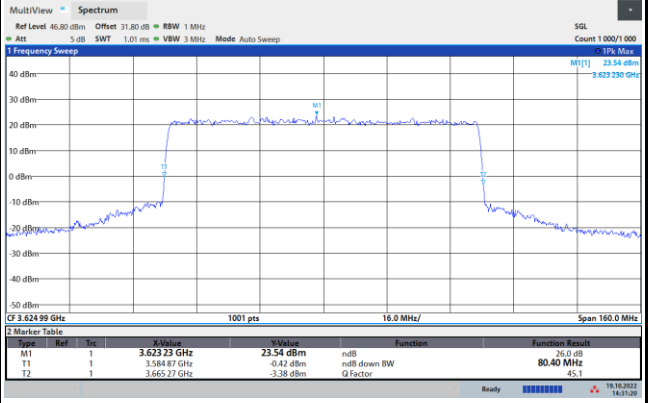
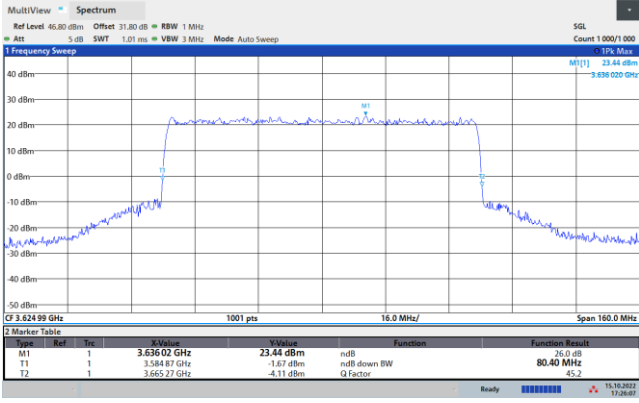
QPSK

16QAM



64QAM

256QAM

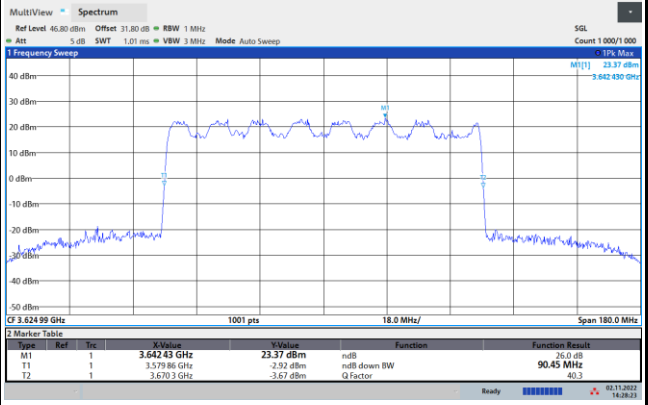
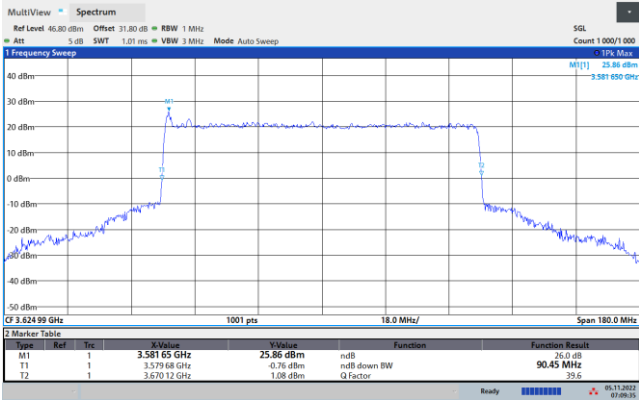




FR1 n48 / 90MHz / Middle Channel / 26dB BW

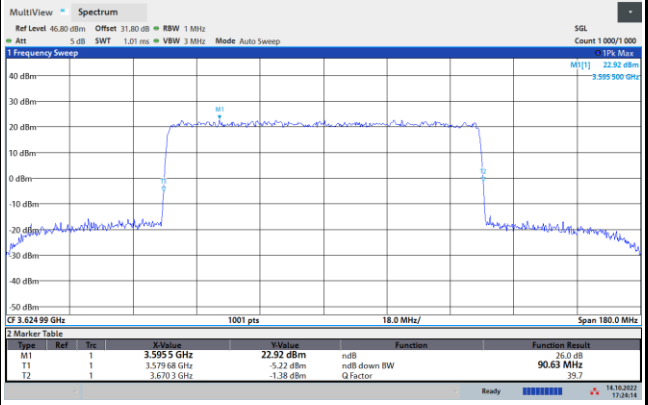
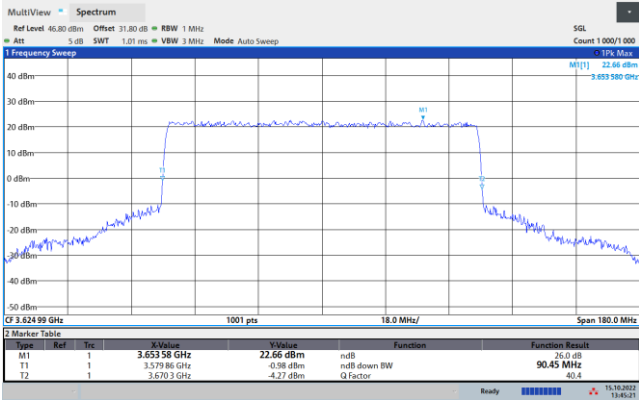
QPSK

16QAM



64QAM

256QAM

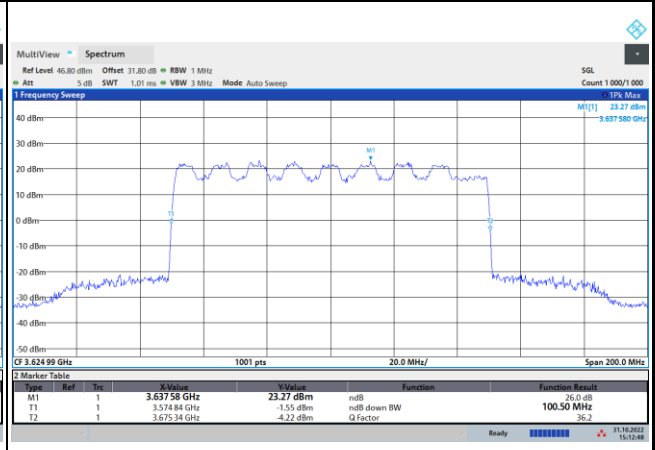
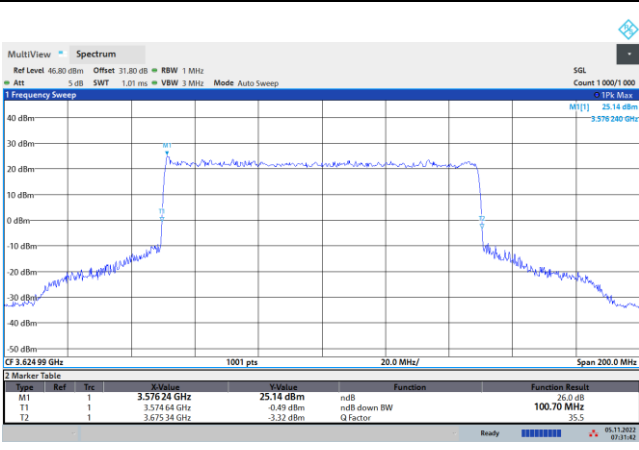




FR1 n48 / 100MHz / Middle Channel / 26dB BW

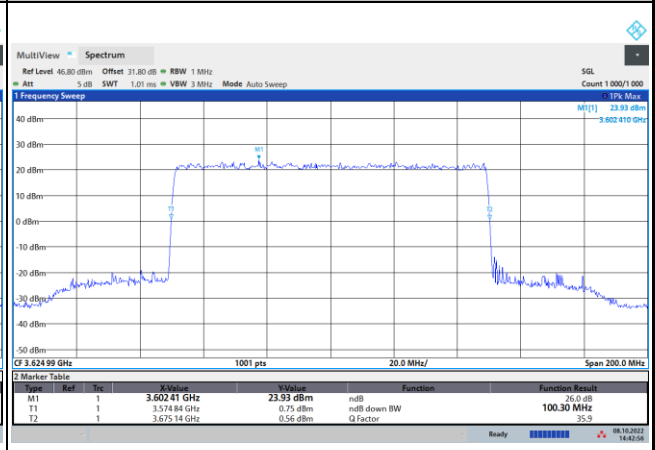
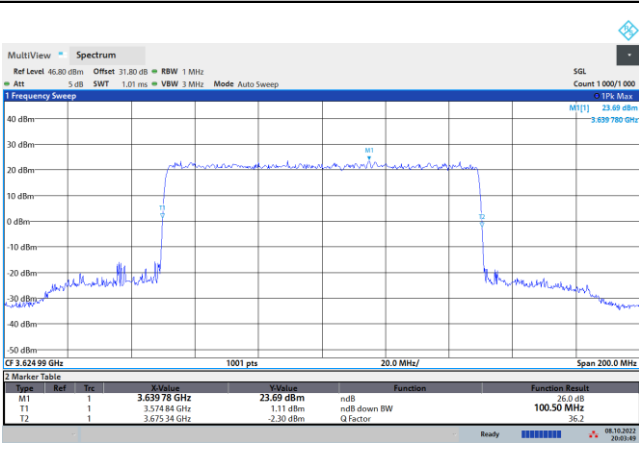
QPSK

16QAM



64QAM

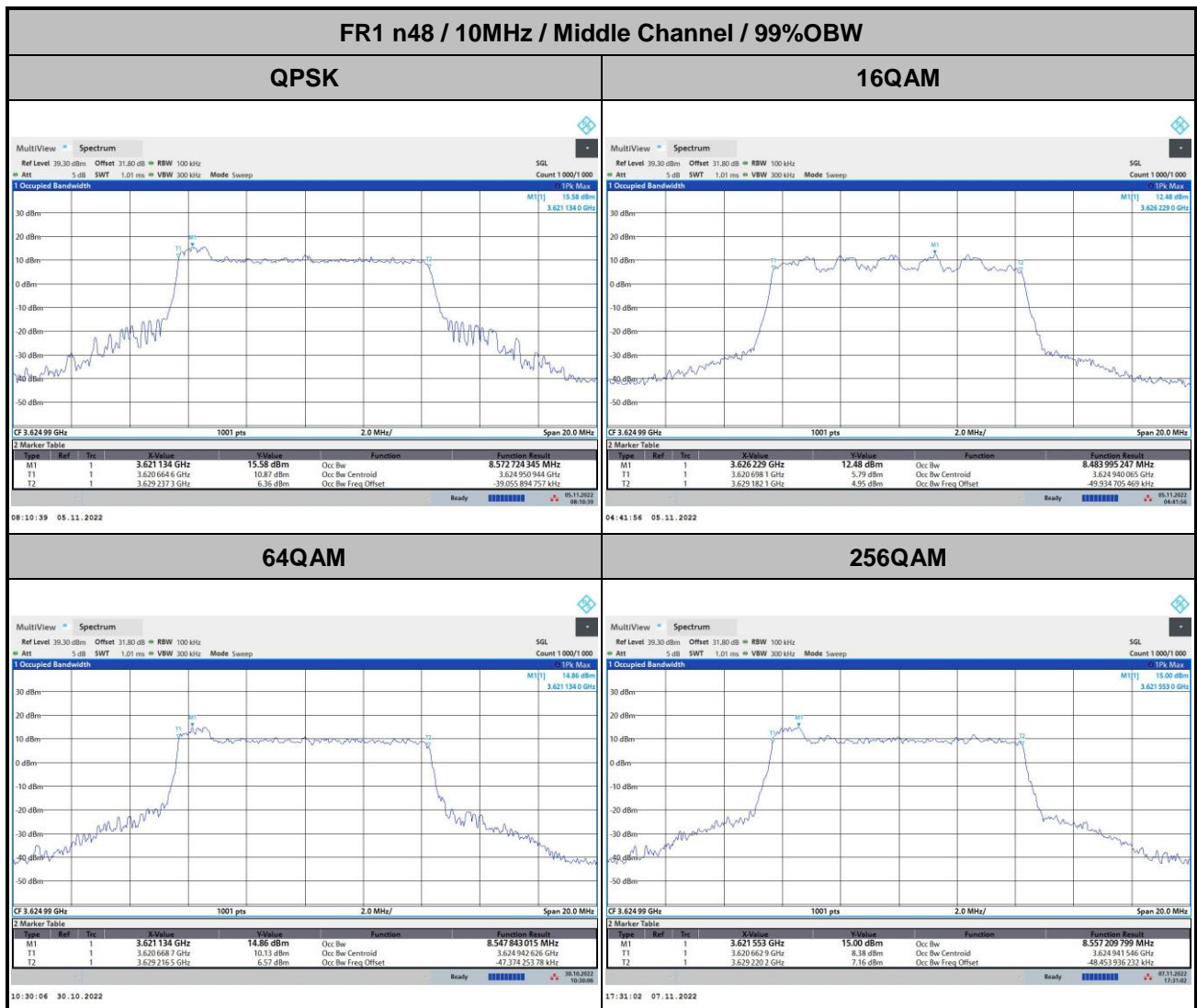
256QAM





Occupied Bandwidth

Mode	FR1 n48 : 99%OBW (MHz)							
	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.57	8.48	18.27	18.31	38.30	38.12	47.82	47.54
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.54	8.55	18.24	18.24	37.83	37.89	47.36	47.50
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	58.12	57.76	77.71	77.48	87.84	87.50	97.68	96.99
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	57.73	57.73	77.26	77.38	87.26	87.16	97.16	97.20

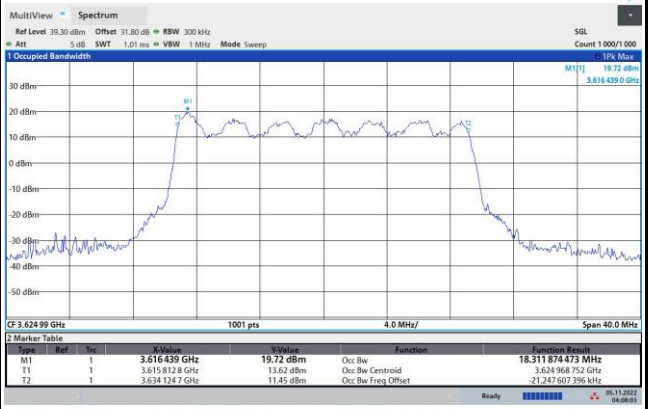
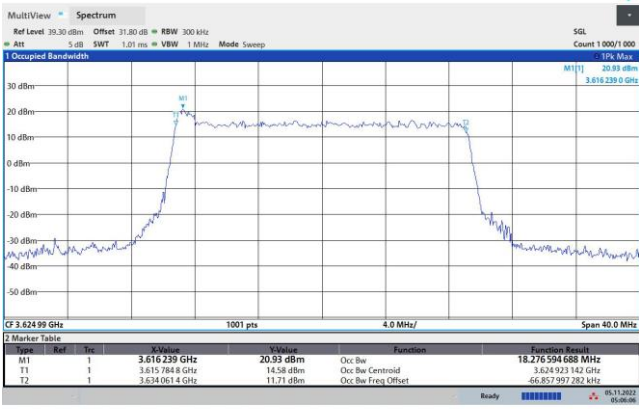




FR1 n48 / 20MHz / Middle Channel / 99%OBW

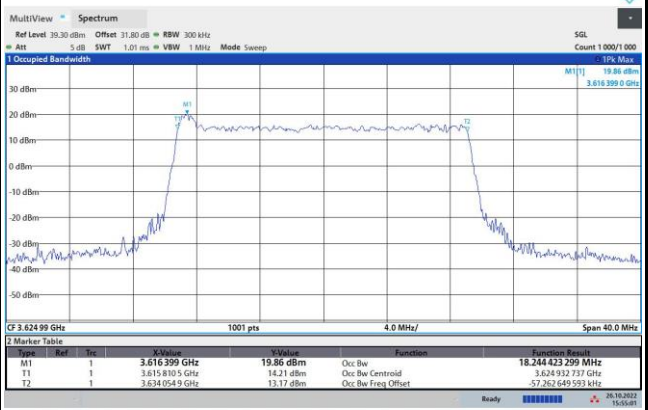
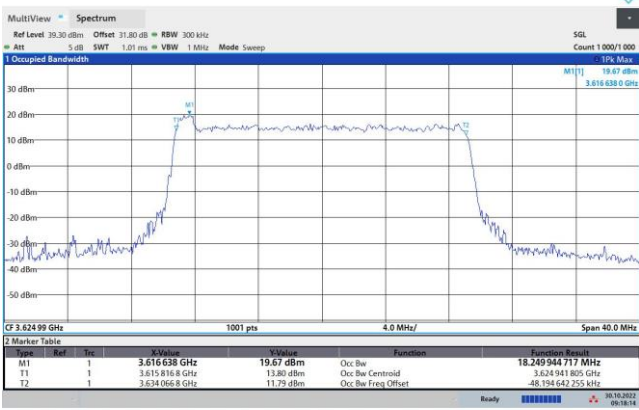
QPSK

16QAM



64QAM

256QAM

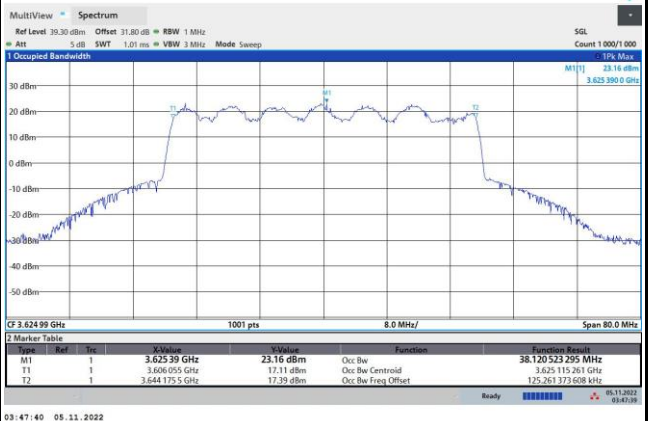
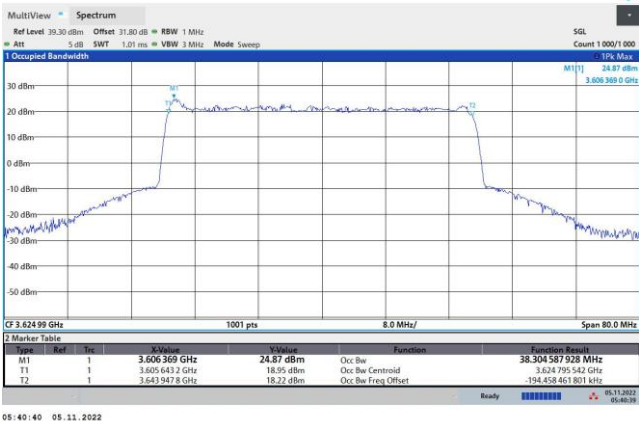




FR1 n48 / 40MHz / Middle Channel / 99%OBW

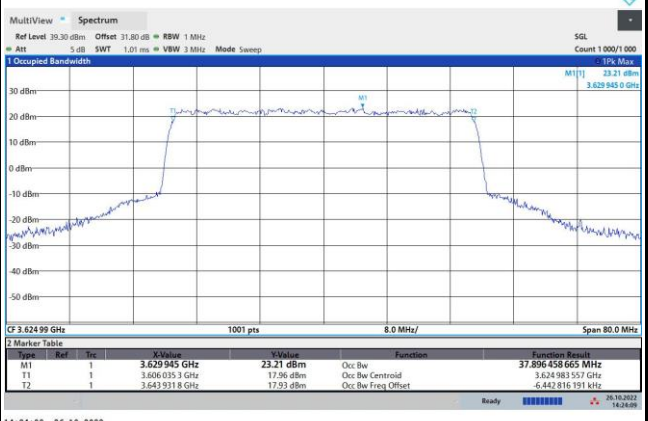
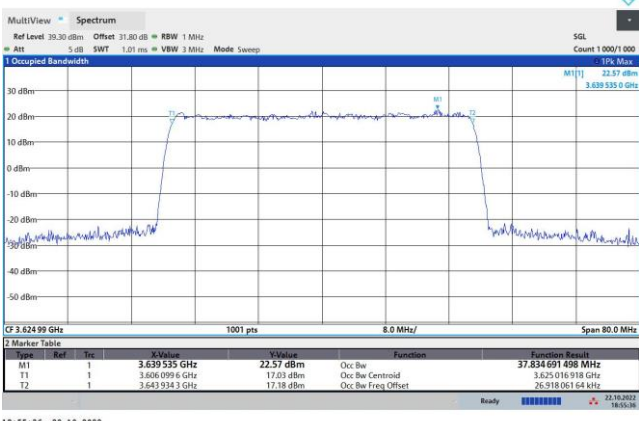
QPSK

16QAM



64QAM

256QAM

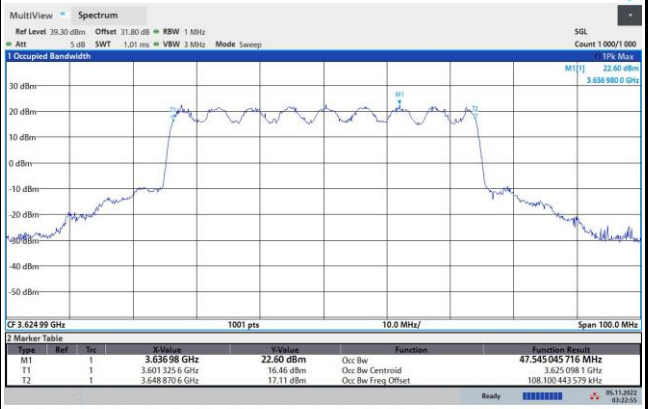
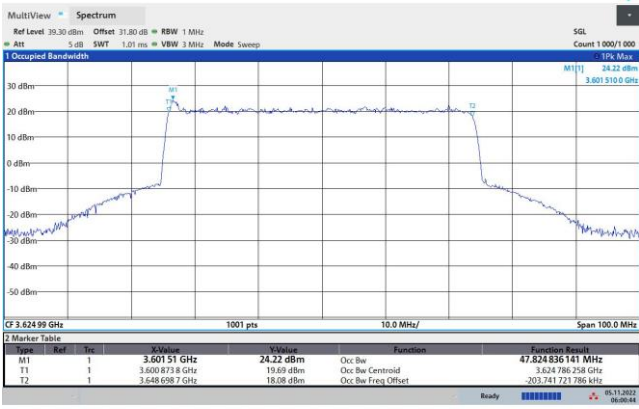




FR1 n48 / 50MHz / Middle Channel / 99%OBW

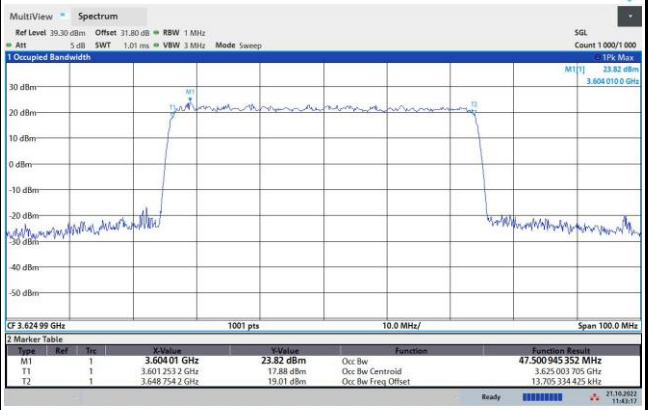
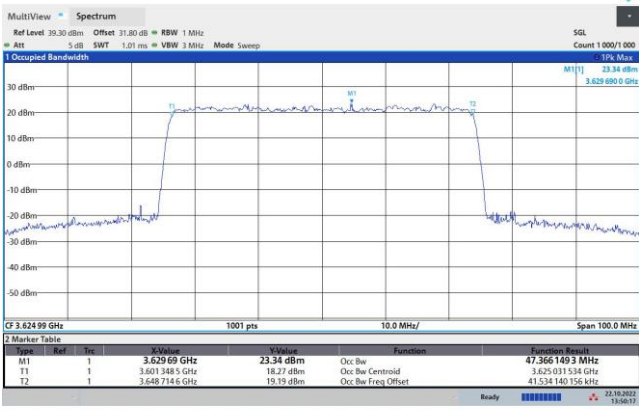
QPSK

16QAM



64QAM

256QAM

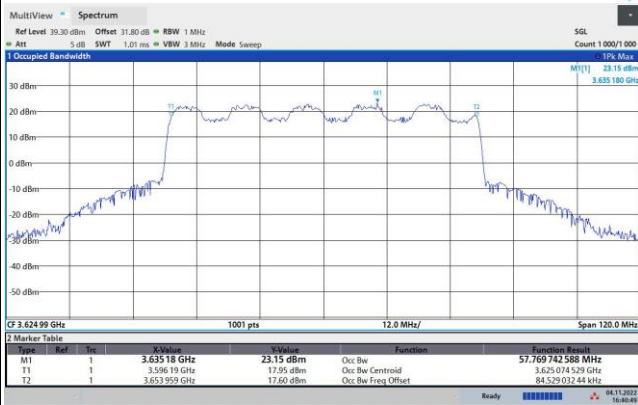
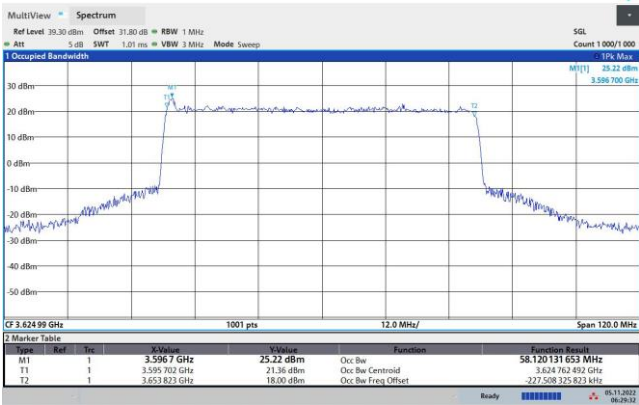




FR1 n48 / 60MHz / Middle Channel / 99%OBW

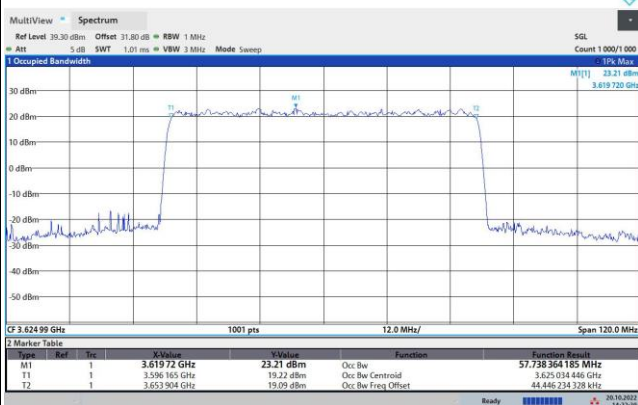
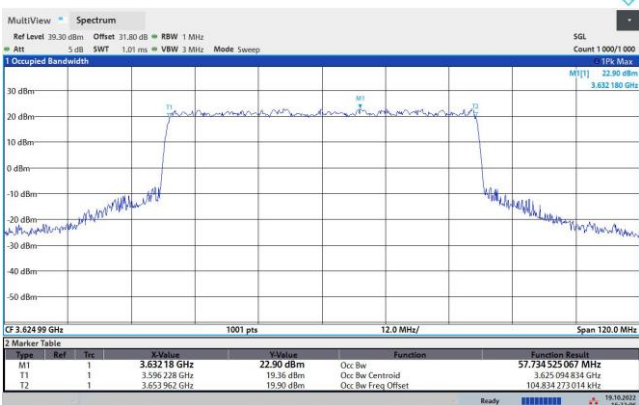
QPSK

16QAM



64QAM

256QAM

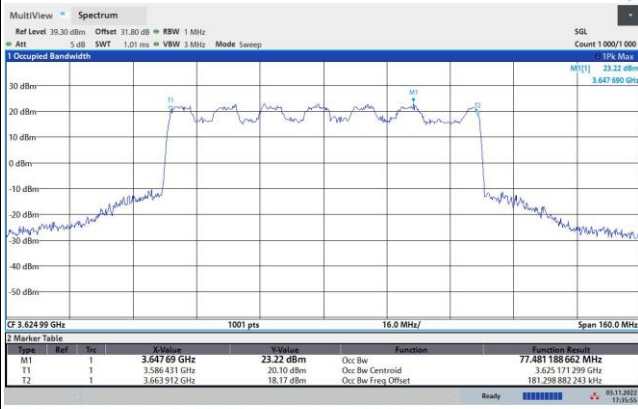
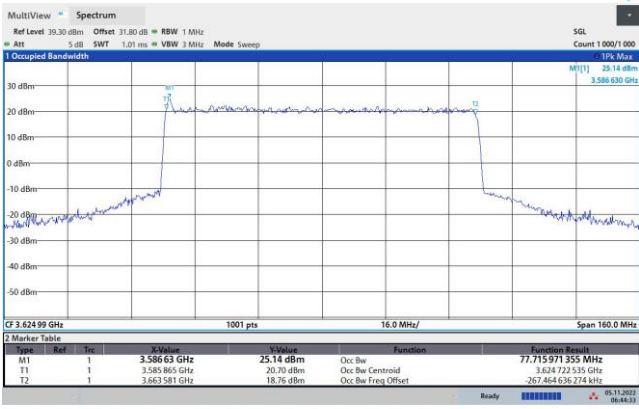




FR1 n48 / 80MHz / Middle Channel / 99%OBW

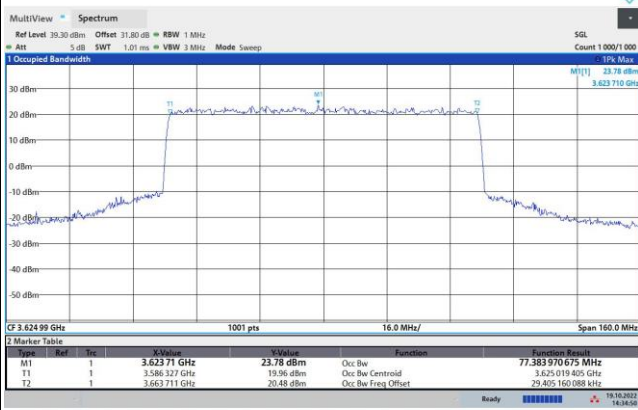
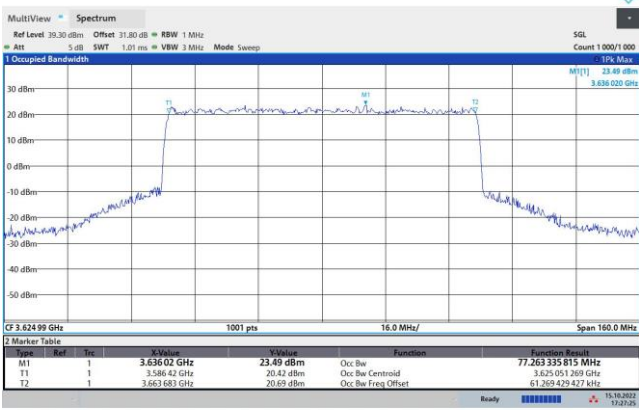
QPSK

16QAM



64QAM

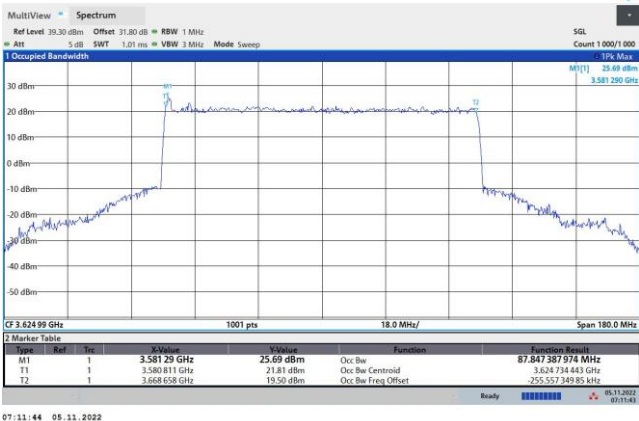
256QAM



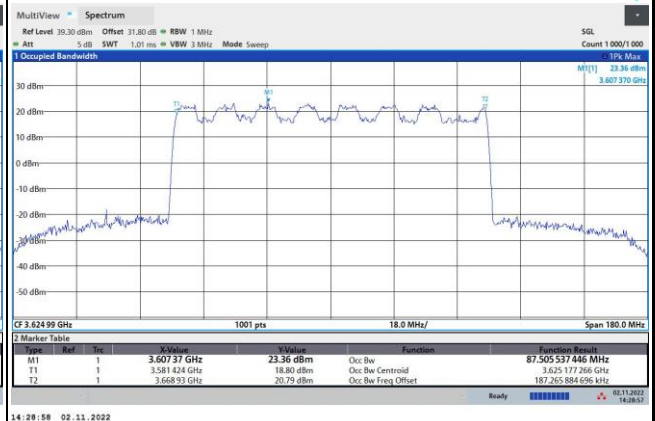


FR1 n48 / 90MHz / Middle Channel / 99%OBW

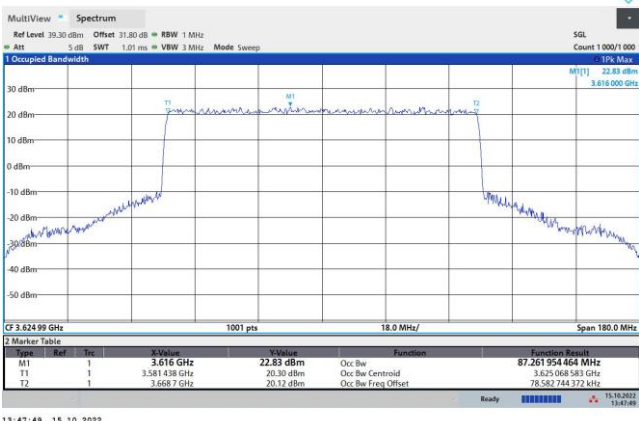
QPSK



16QAM



64QAM



256QAM

