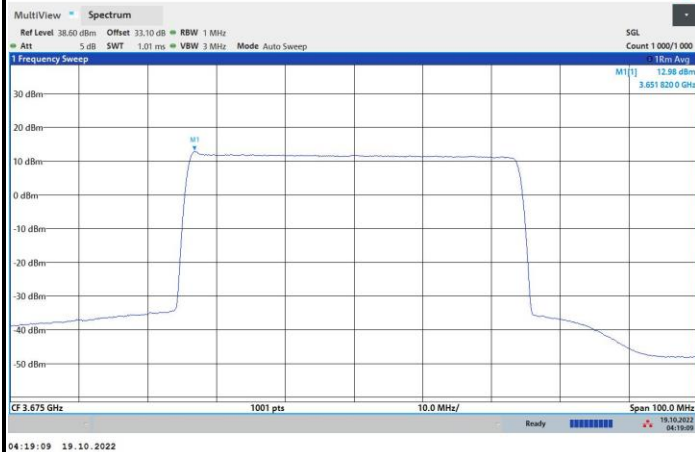


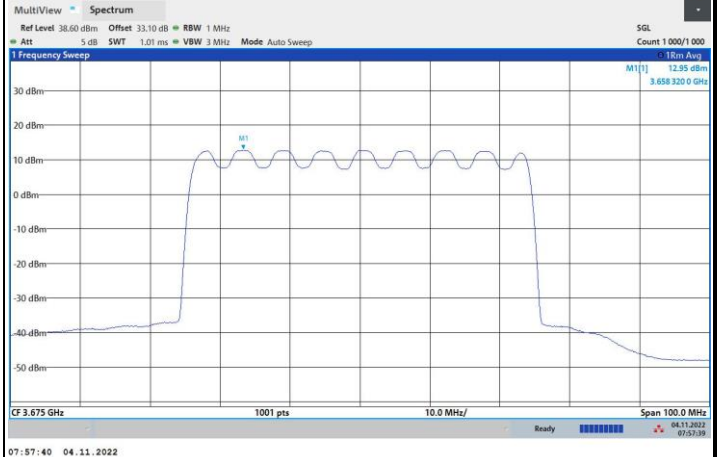


FR1 n48 / 50MHz / Highest Channel / PSD

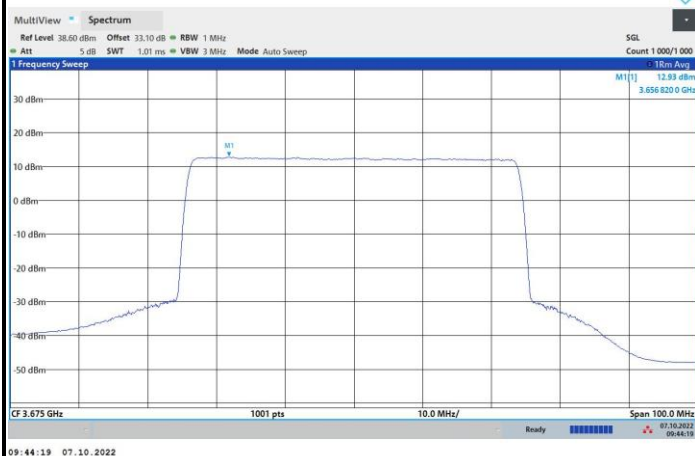
QPSK



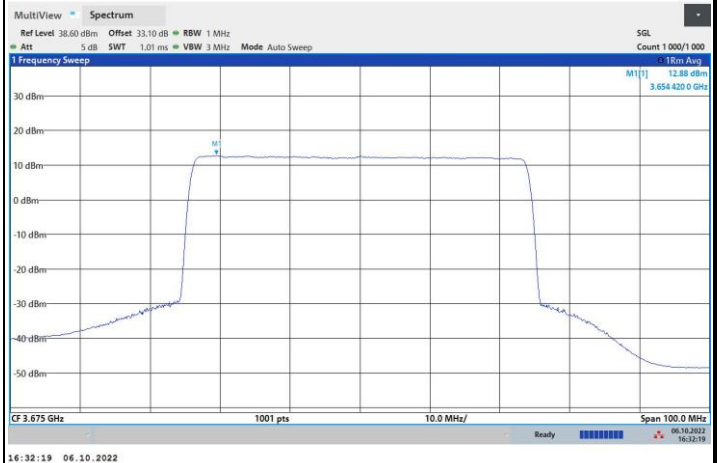
16QAM



64QAM



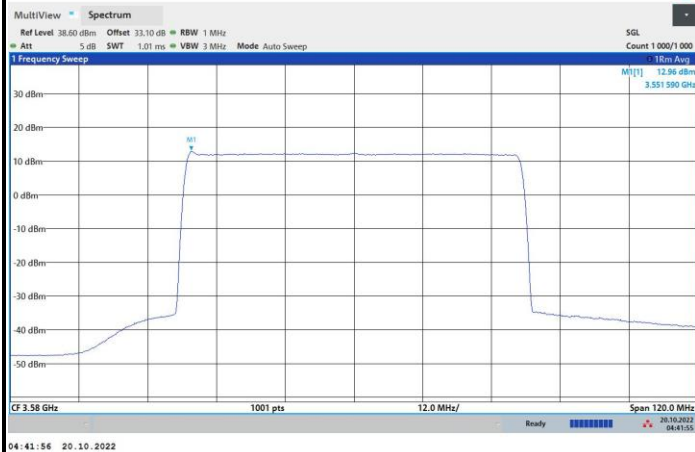
256QAM



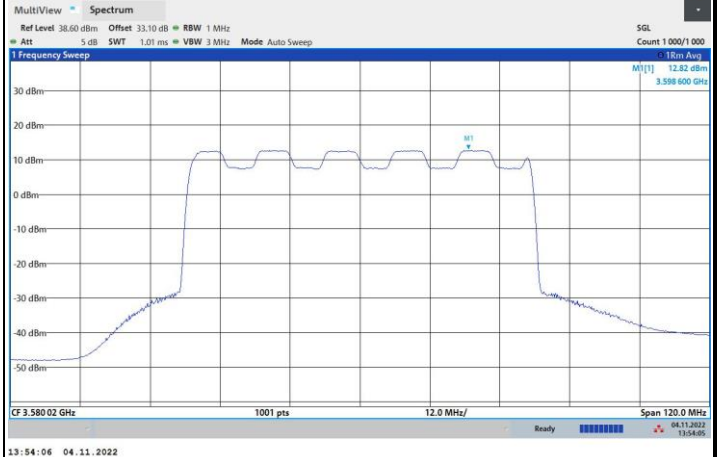


FR1 n48 / 60MHz / Lowest Channel / PSD

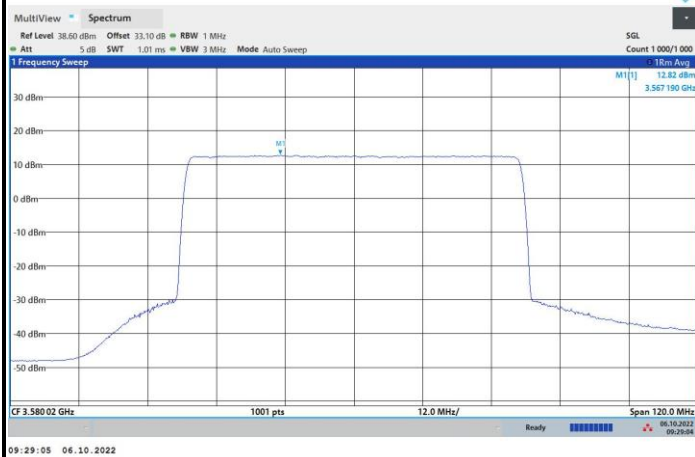
QPSK



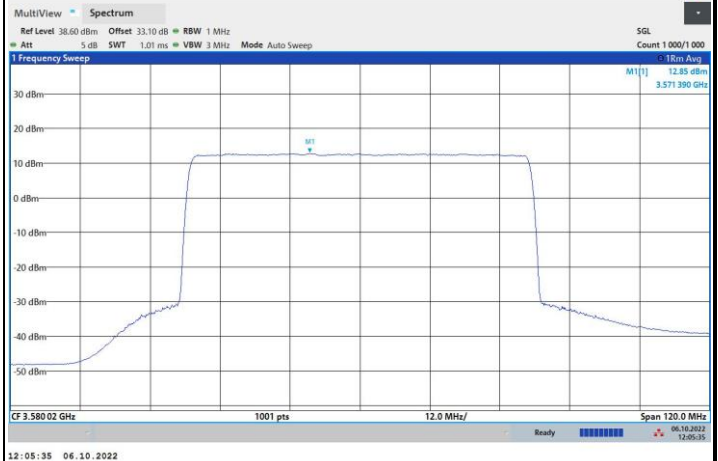
16QAM



64QAM



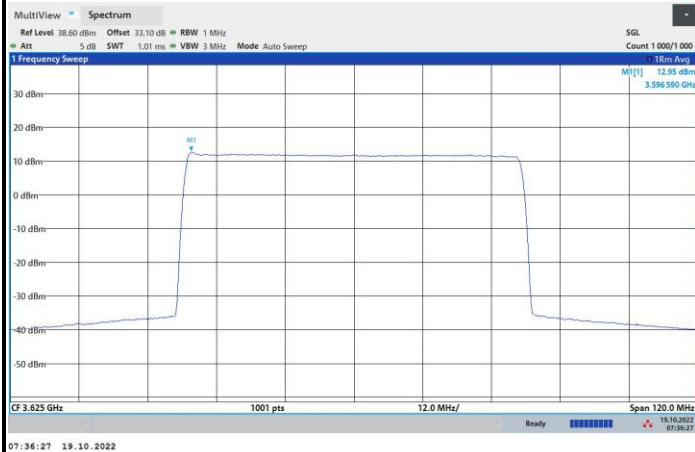
256QAM





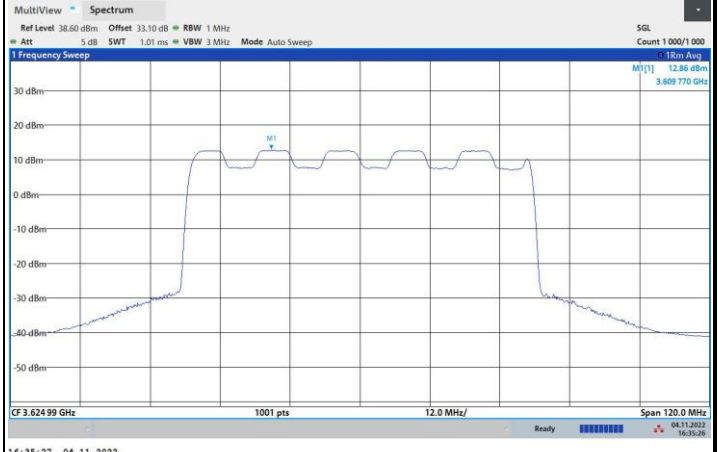
FR1 n48 / 60MHz / Middle Channel / PSD

QPSK



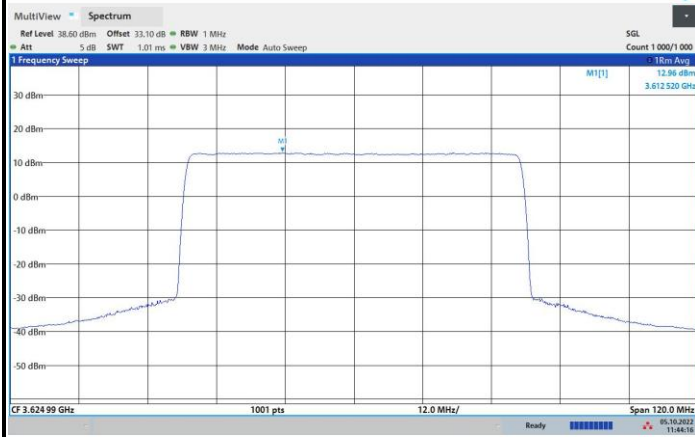
07:36:27 19.10.2022

16QAM



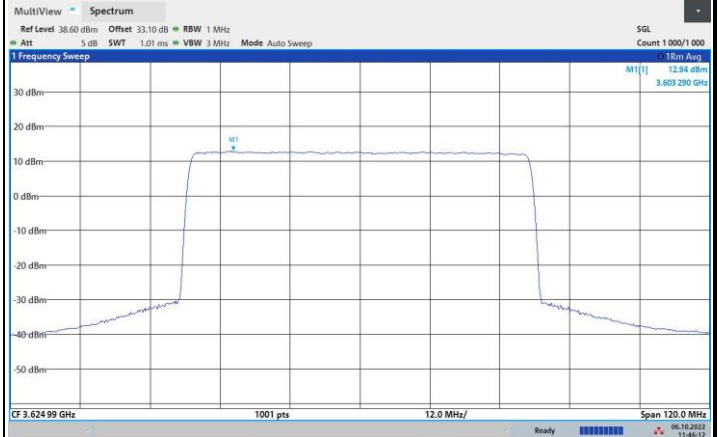
16:35:27 04.11.2022

64QAM



11:44:16 05.10.2022

256QAM

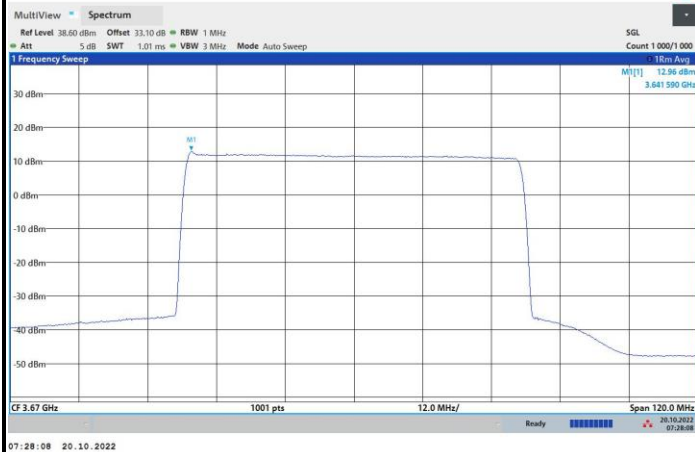


11:46:12 06.10.2022

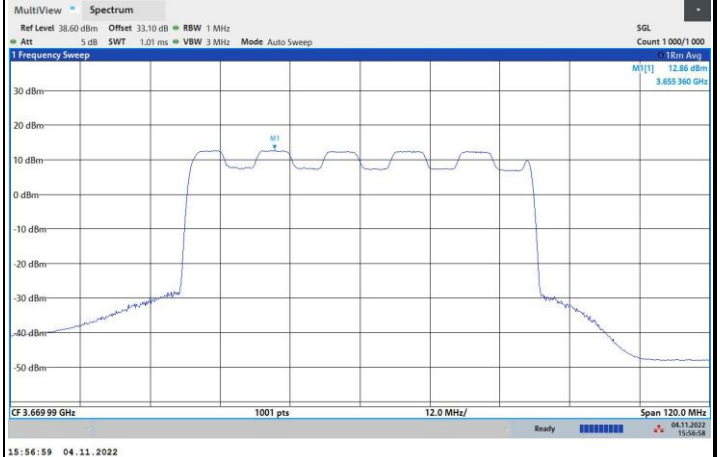


FR1 n48 / 60MHz / Highest Channel / PSD

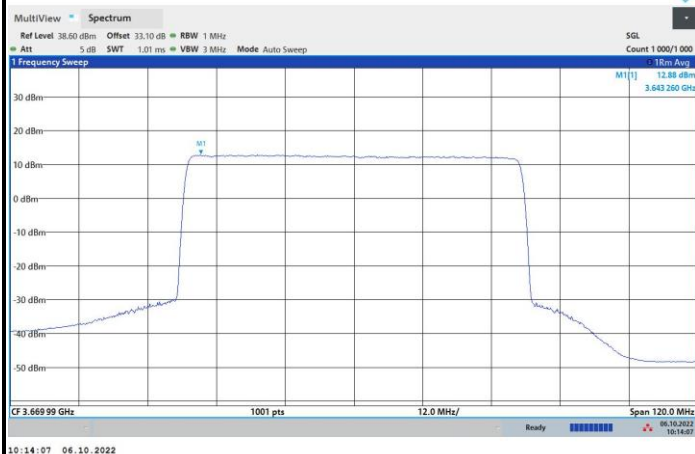
QPSK



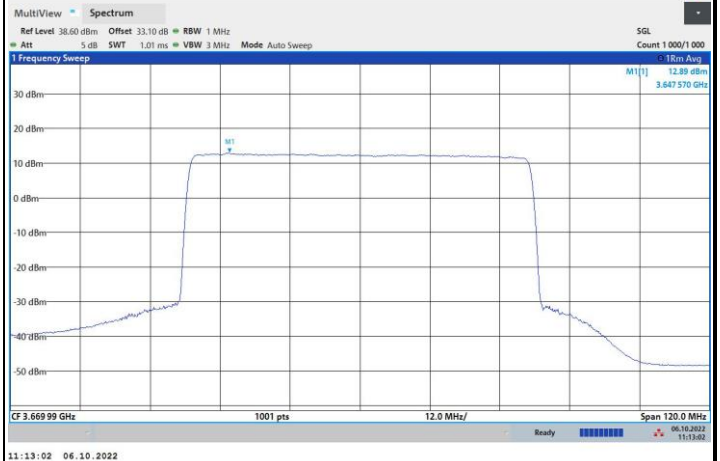
16QAM



64QAM



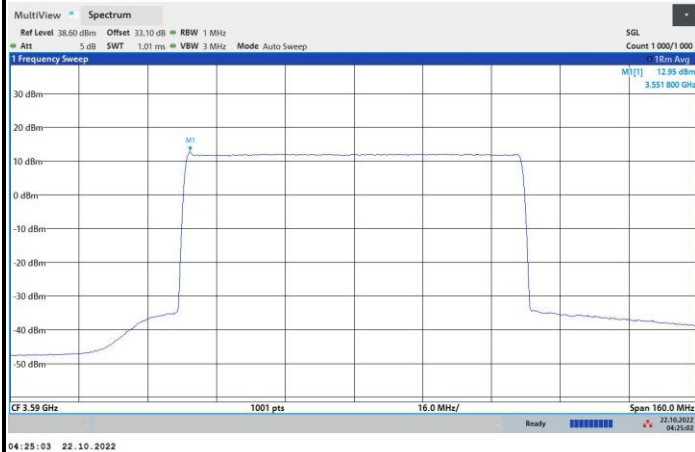
256QAM



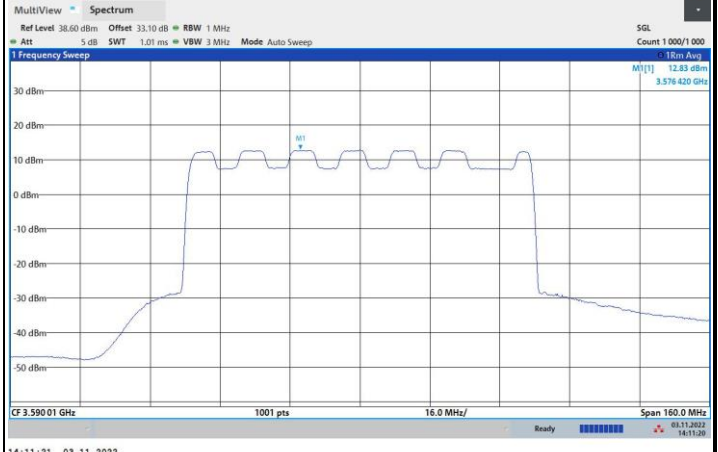


FR1 n48 / 80MHz / Lowest Channel / PSD

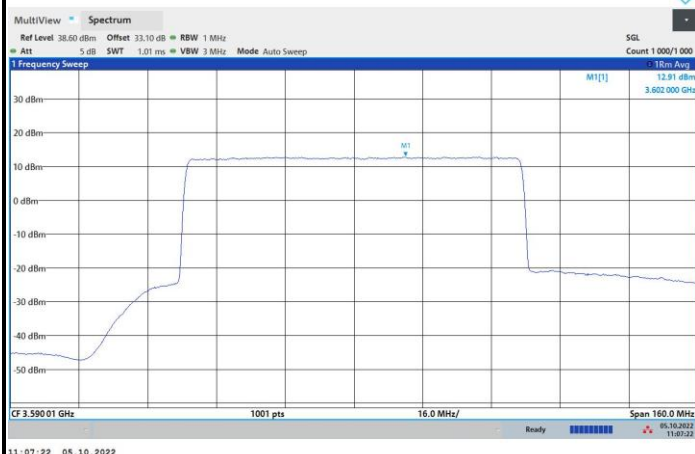
QPSK



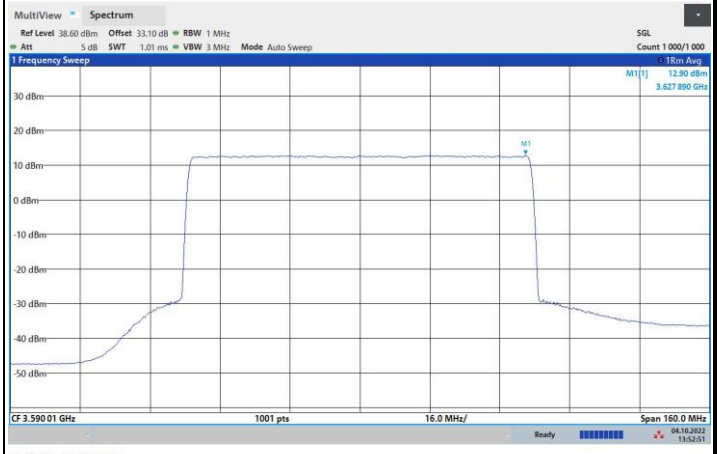
16QAM



64QAM



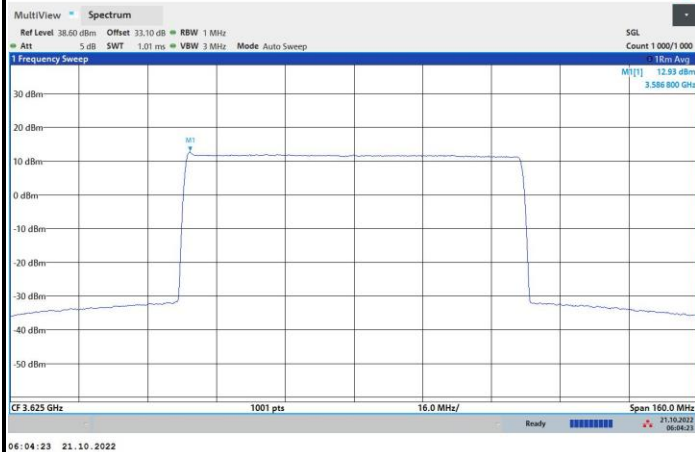
256QAM



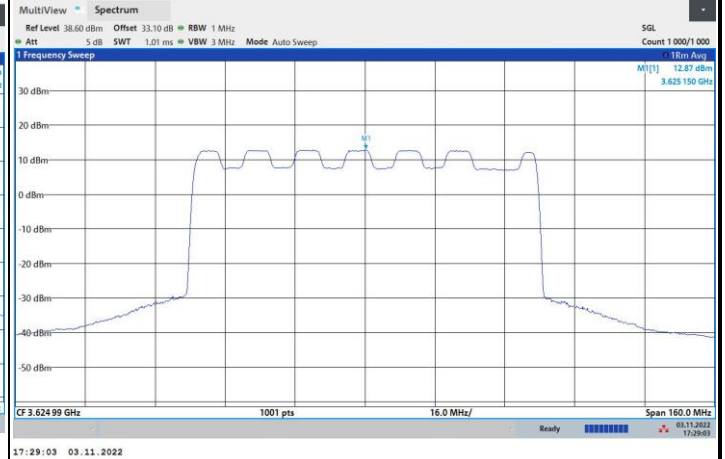


FR1 n48 / 80MHz / Middle Channel / PSD

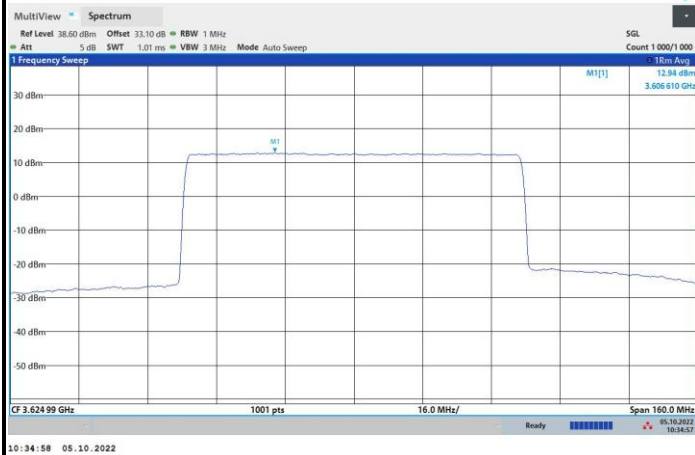
QPSK



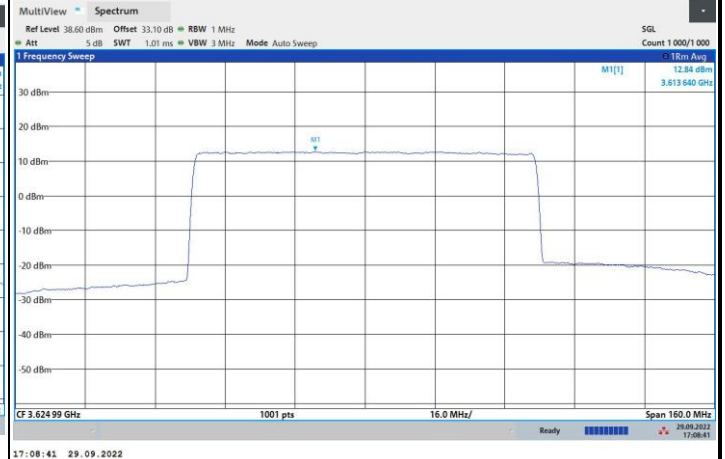
16QAM



64QAM



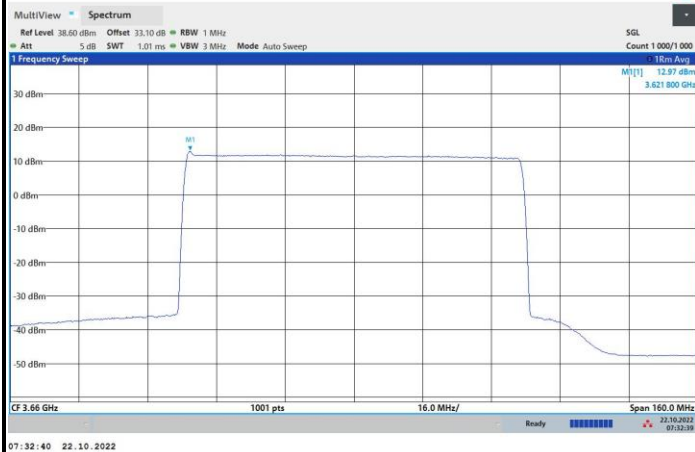
256QAM



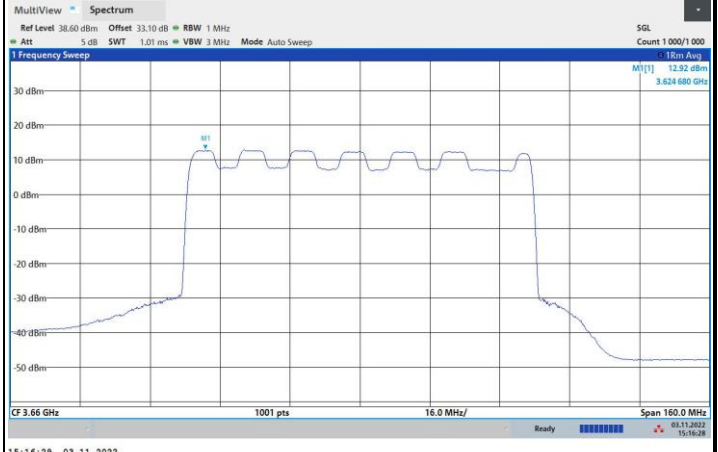


FR1 n48 / 80MHz / Highest Channel / PSD

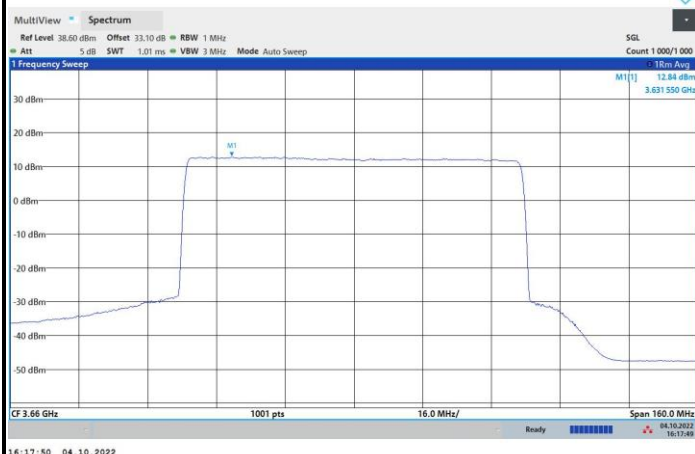
QPSK



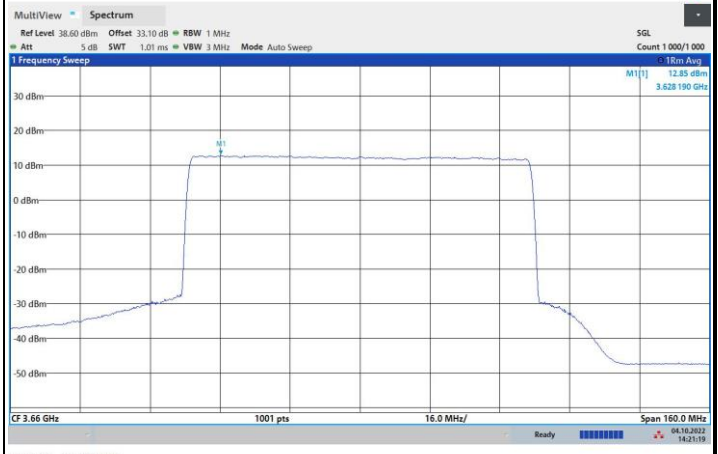
16QAM



64QAM



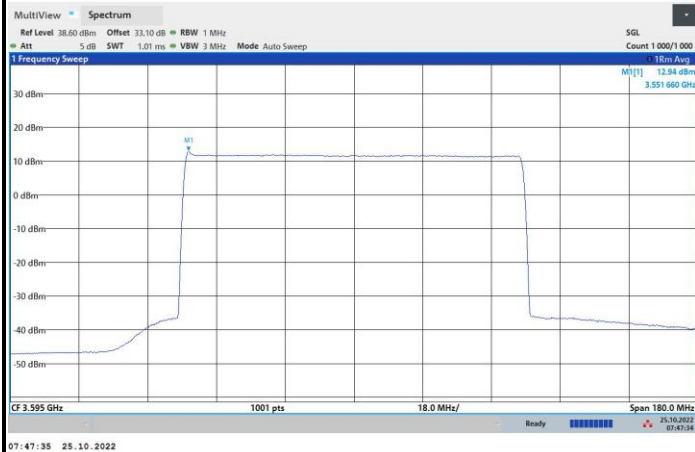
256QAM





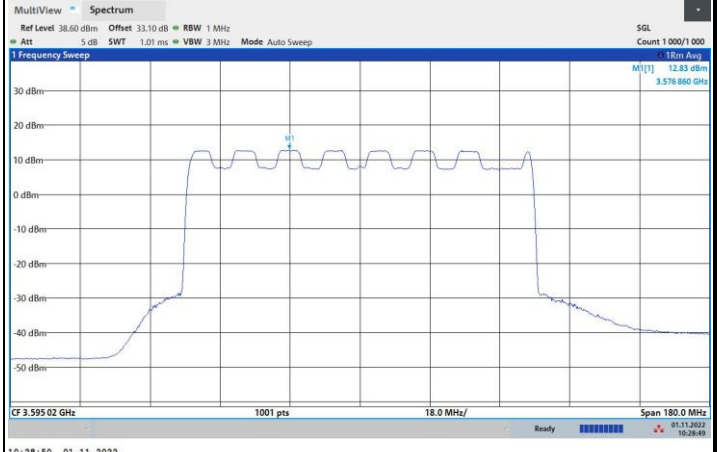
FR1 n48 / 90MHz / Lowest Channel / PSD

QPSK



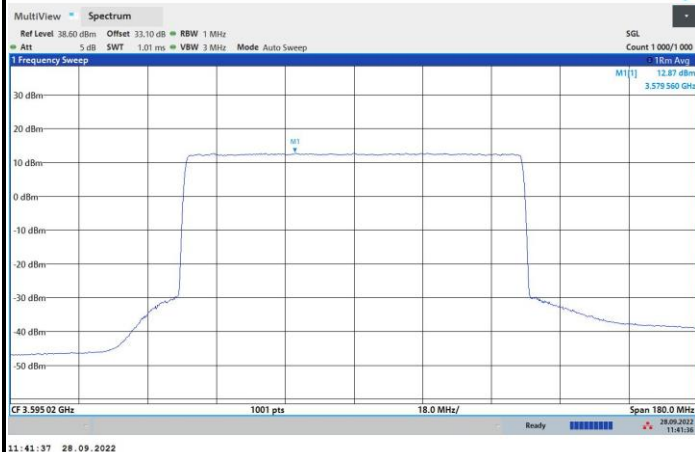
07:47:35 25.10.2022

16QAM



10:28:50 01.11.2022

64QAM



11:41:37 28.09.2022

256QAM

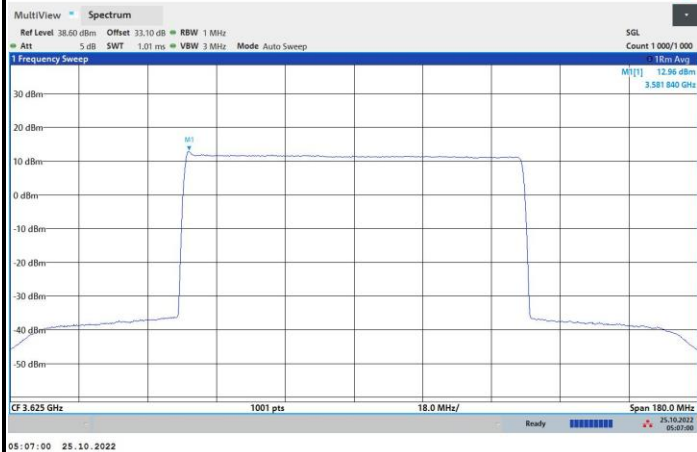


16:34:58 28.09.2022

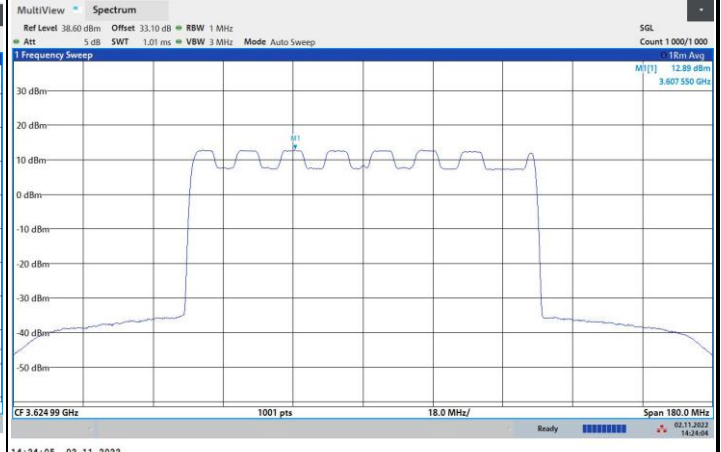


FR1 n48 / 90MHz / Middle Channel / PSD

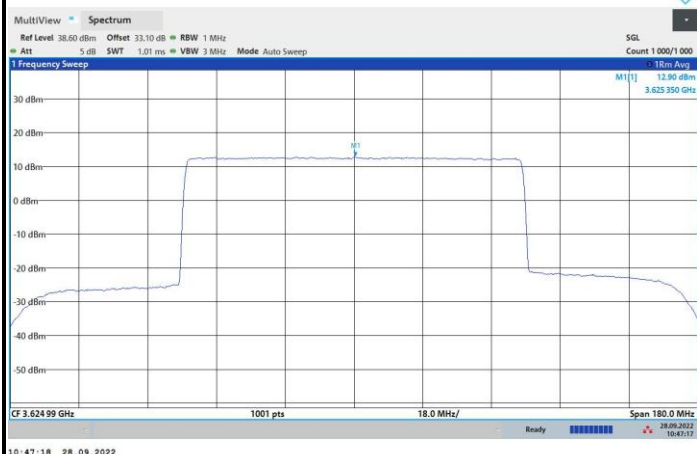
QPSK



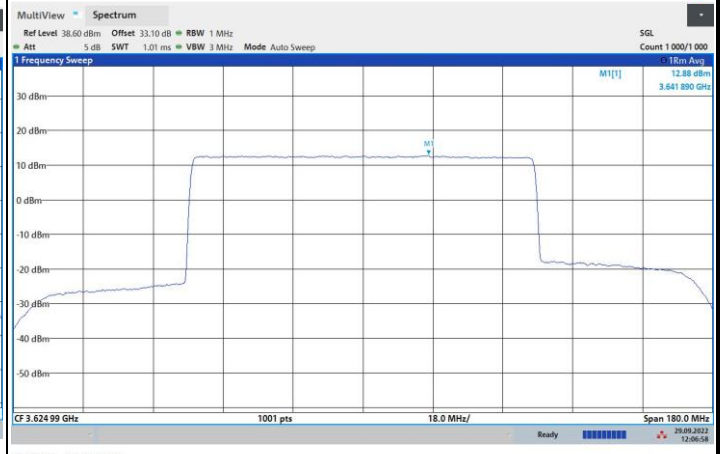
16QAM



64QAM



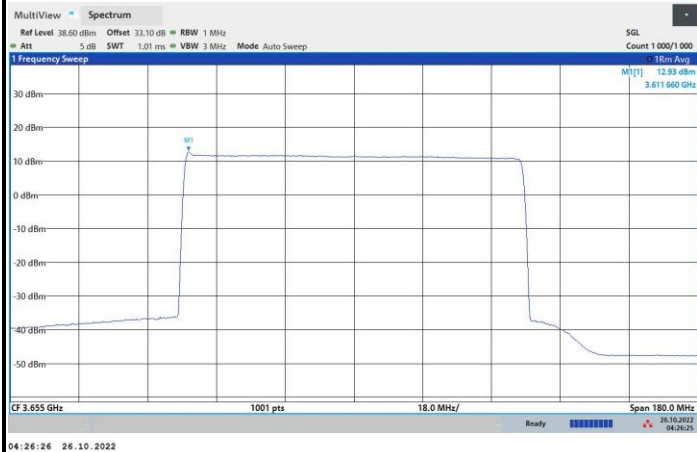
256QAM



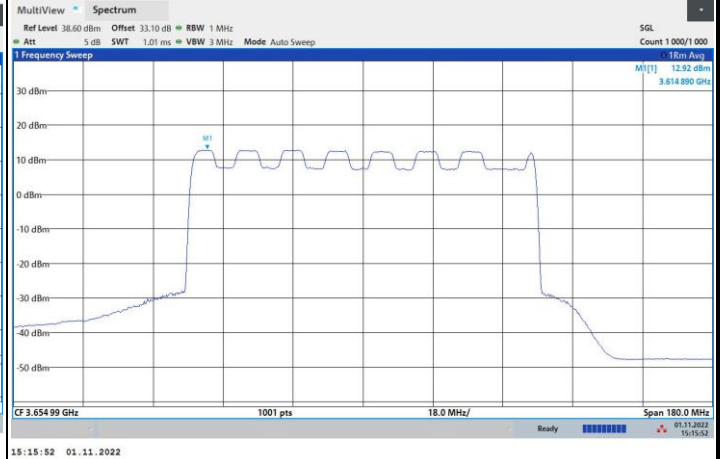


FR1 n48 / 90MHz / Highest Channel / PSD

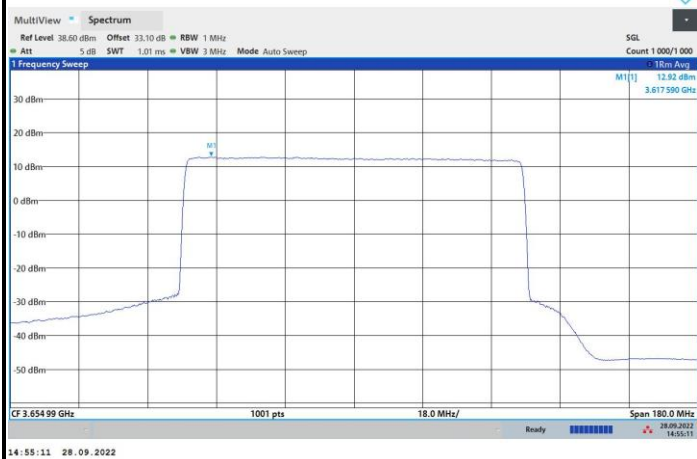
QPSK



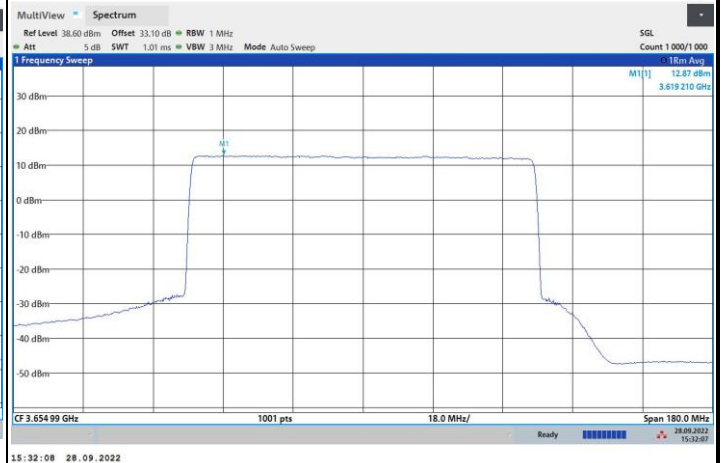
16QAM



64QAM



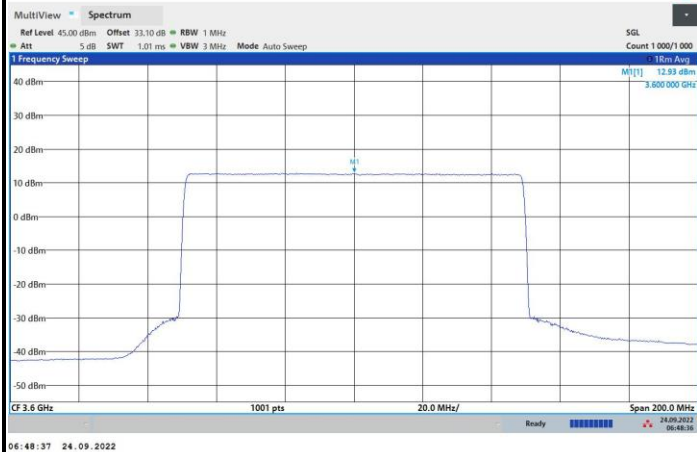
256QAM



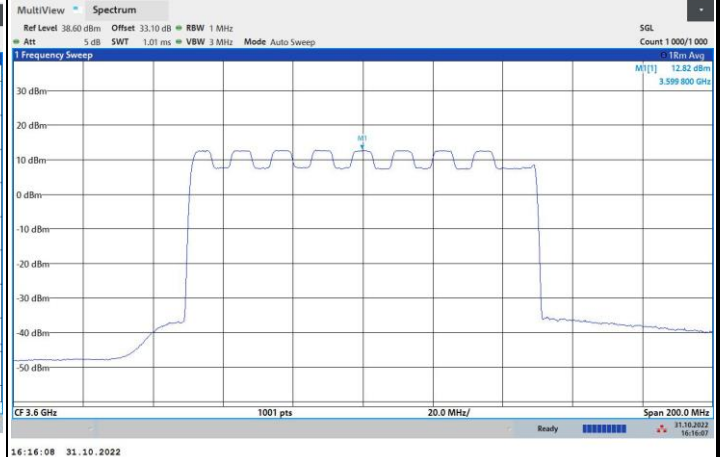


FR1 n48 / 100MHz / Lowest Channel / PSD

QPSK



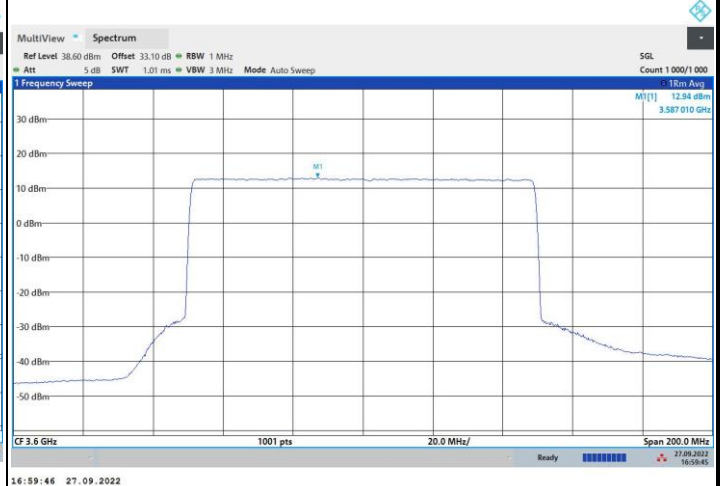
16QAM



64QAM



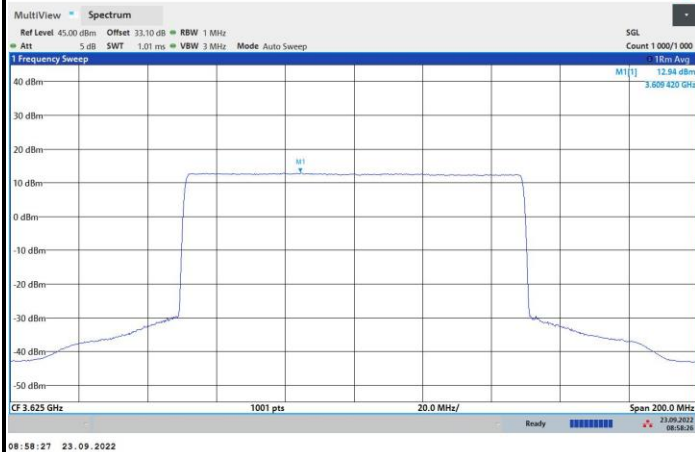
256QAM



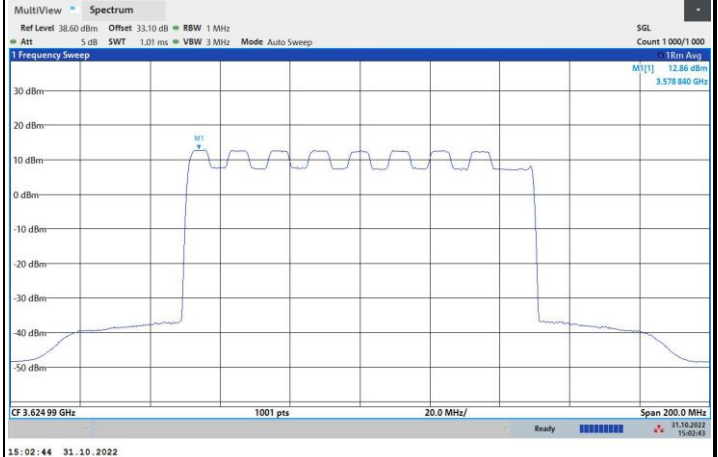


FR1 n48 / 100MHz / Middle Channel / PSD

QPSK



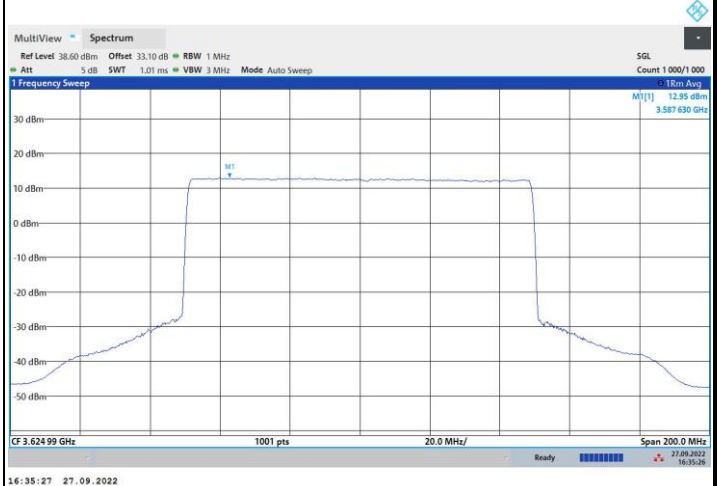
16QAM



64QAM



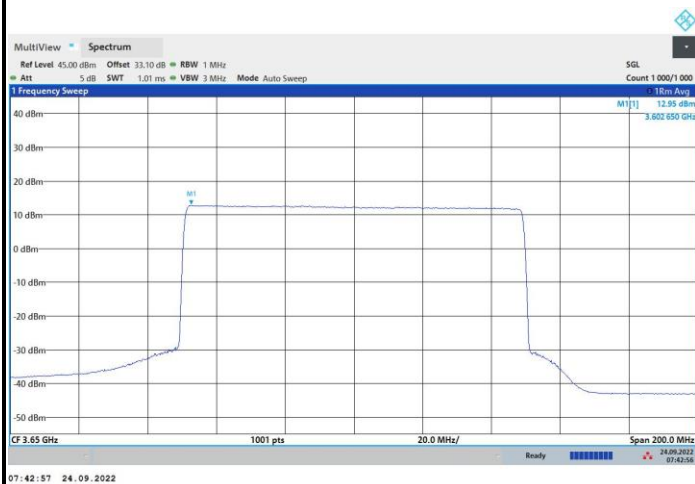
256QAM



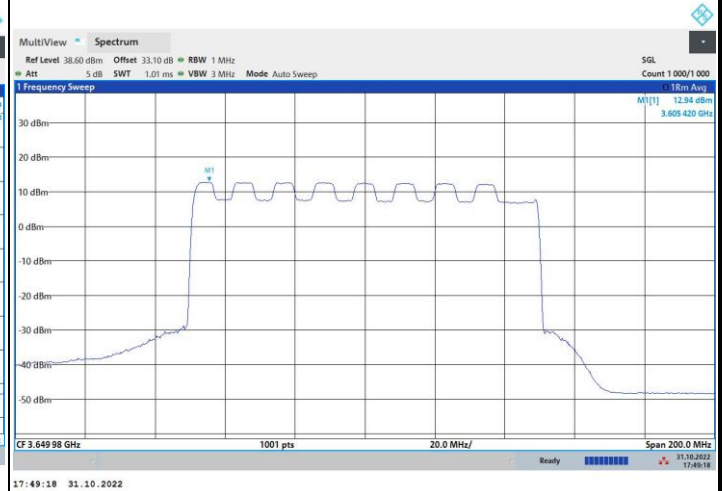


FR1 n48 / 100MHz / Highest Channel / PSD

QPSK



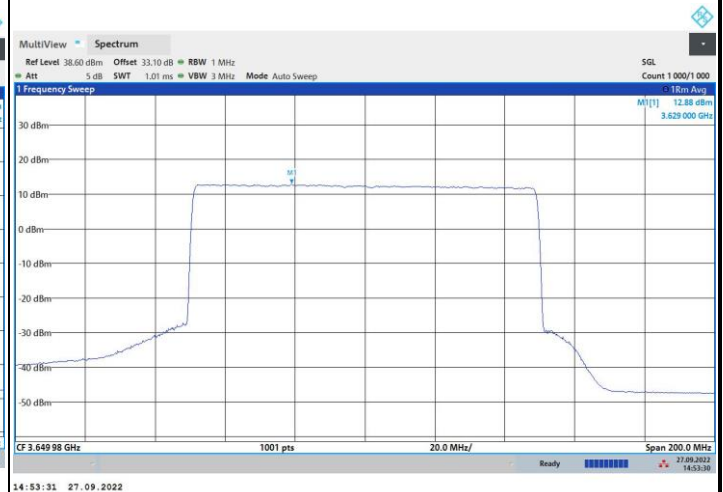
16QAM



64QAM



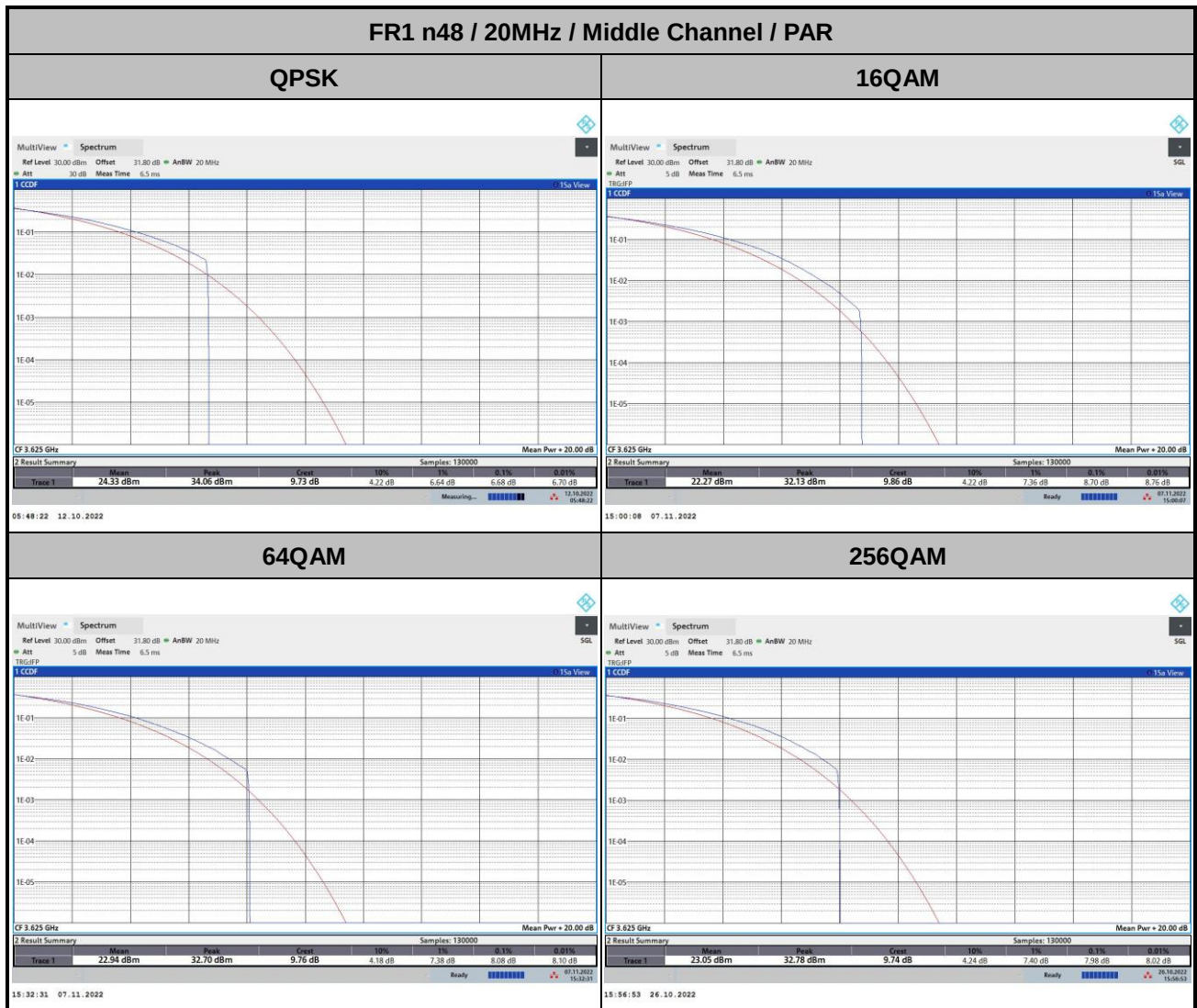
256QAM





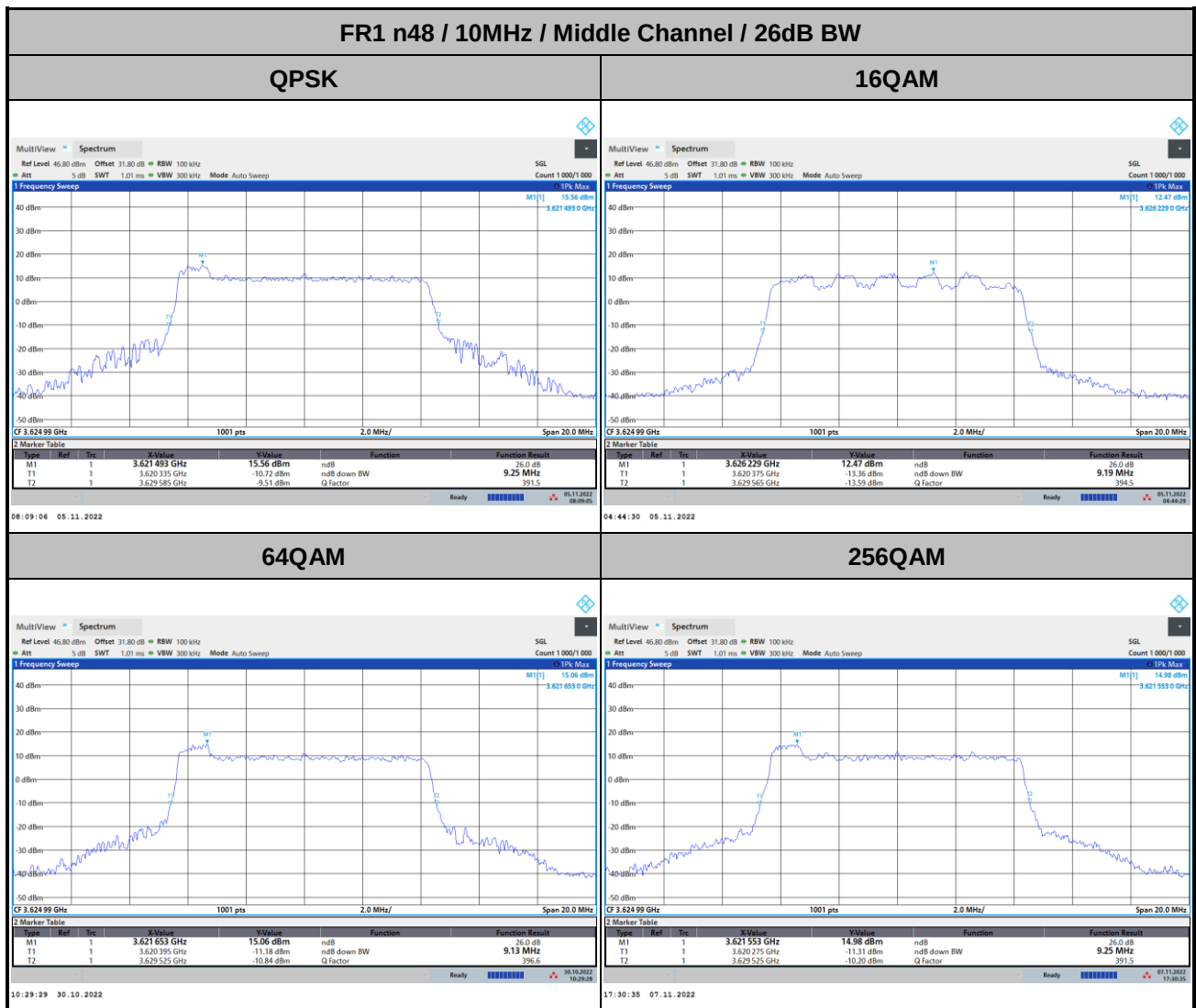
Peak-to-Average Ratio

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



**26dB Bandwidth**

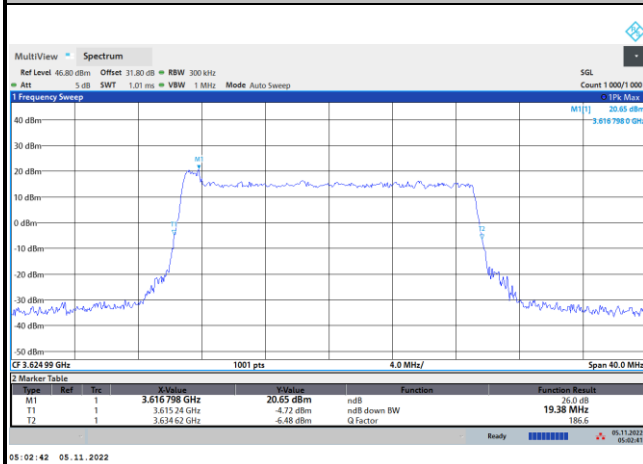
Mode	FR1 n48 : 26dB BW(MHz)							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	9.25	9.19	19.38	19.46	40.44	40.36	50.05	50.15
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	9.13	9.25	19.18	19.38	40.36	40.52	50.25	50.05
BW	60MHz		80MHz		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



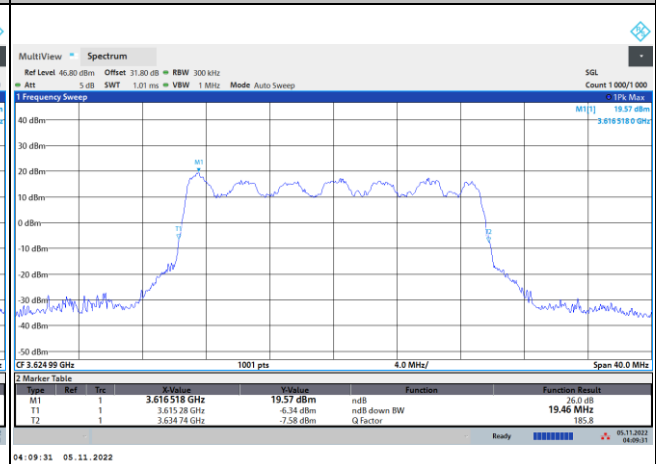


FR1 n48 / 20MHz / Middle Channel / 26dB BW

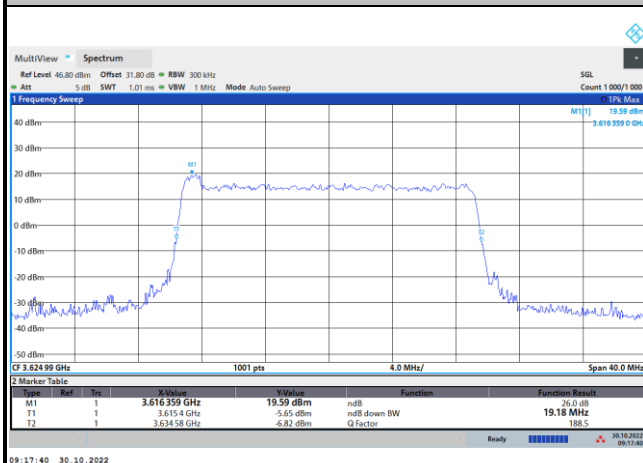
QPSK



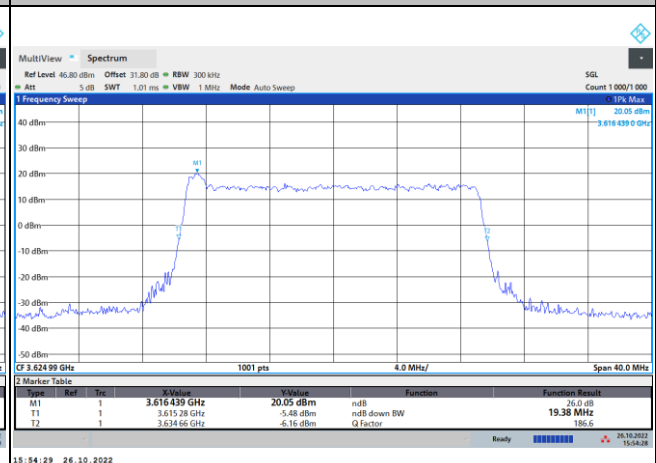
16QAM



64QAM



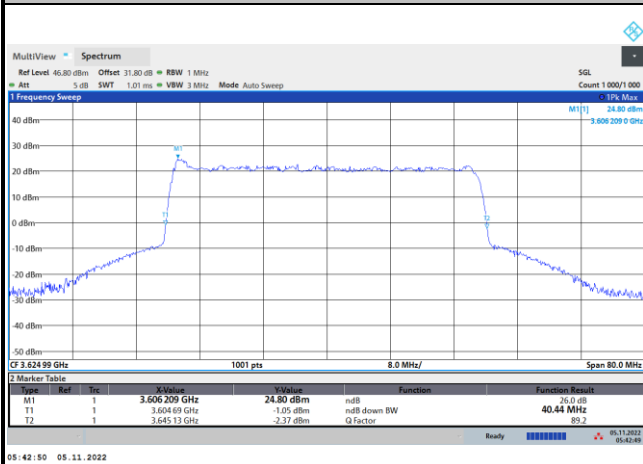
256QAM



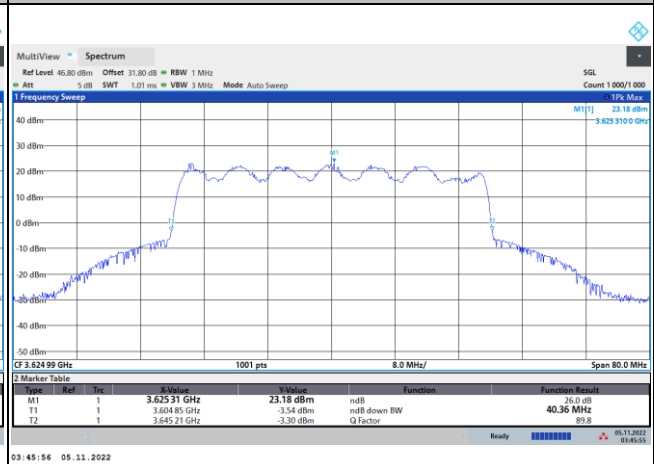


FR1 n48 / 40MHz / Middle Channel / 26dB BW

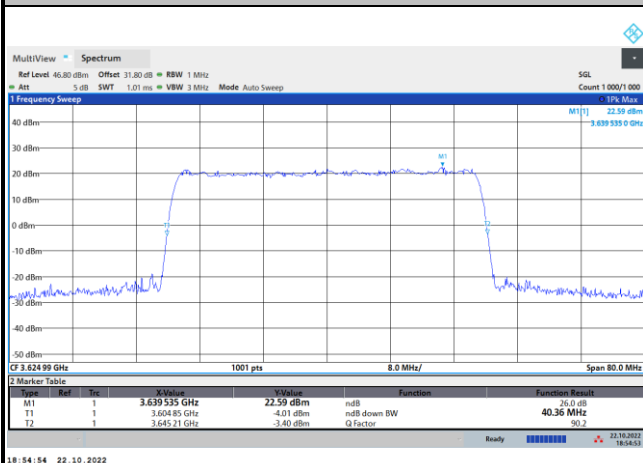
QPSK



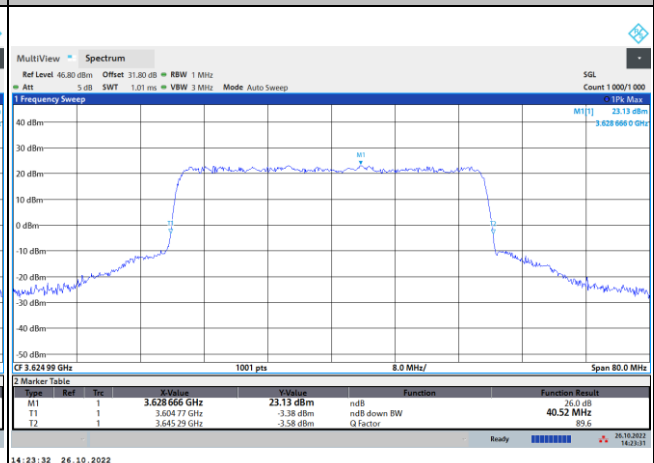
16QAM



64QAM

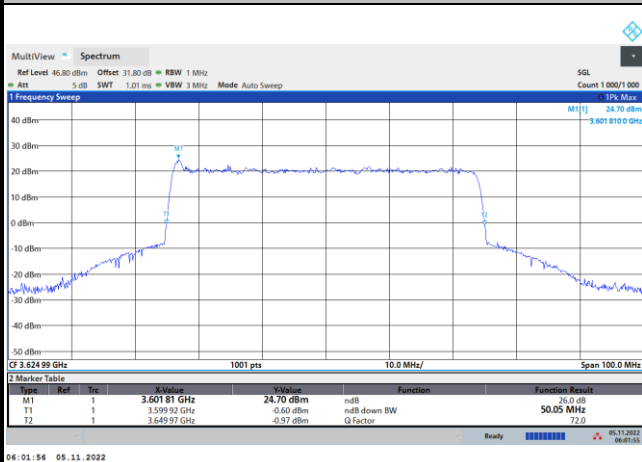


256QAM

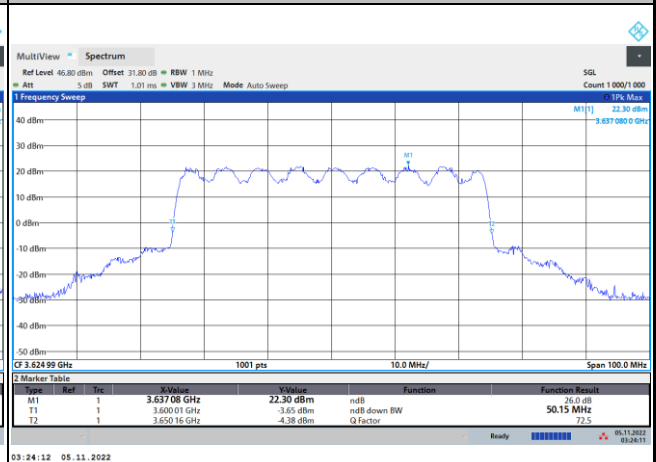


FR1 n48 / 50MHz / Middle Channel / 26dB BW

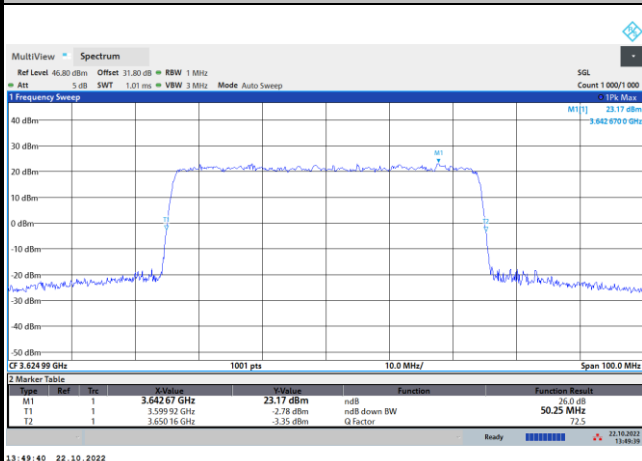
QPSK



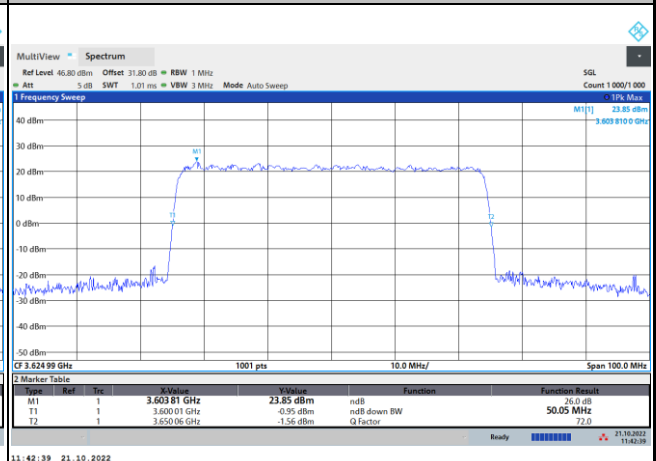
16QAM



64QAM



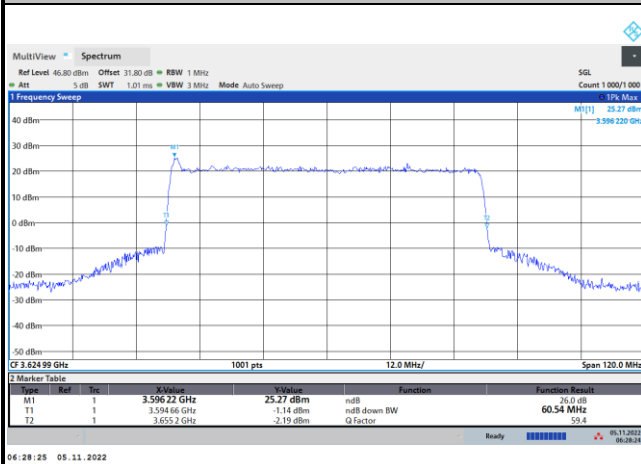
256QAM



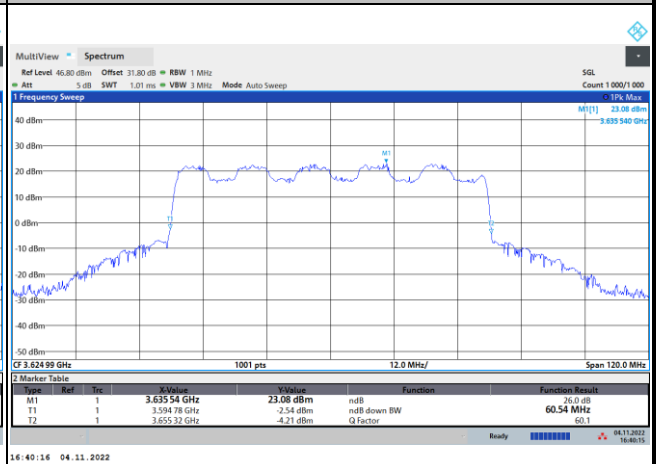


FR1 n48 / 60MHz / Middle Channel / 26dB BW

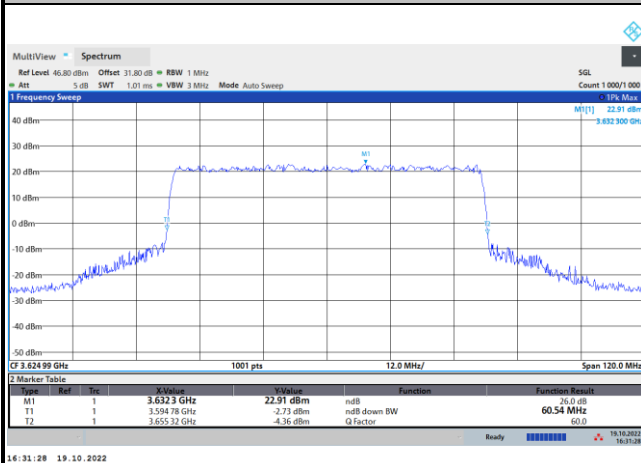
QPSK



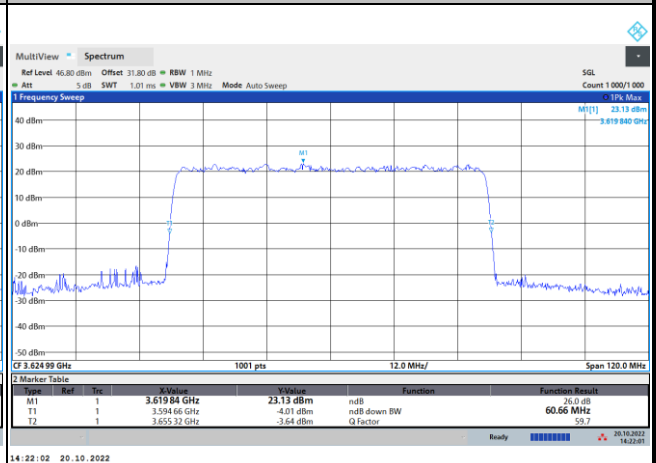
16QAM



64QAM



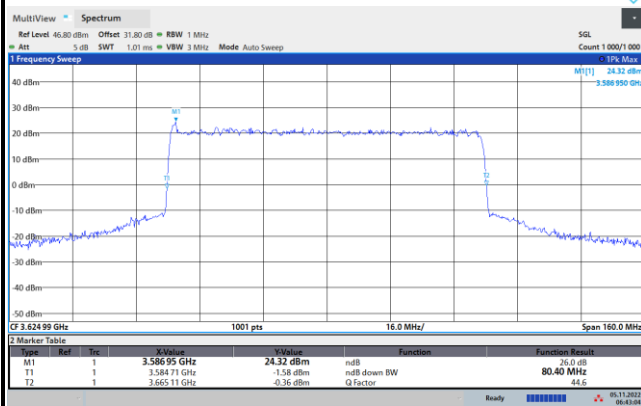
256QAM



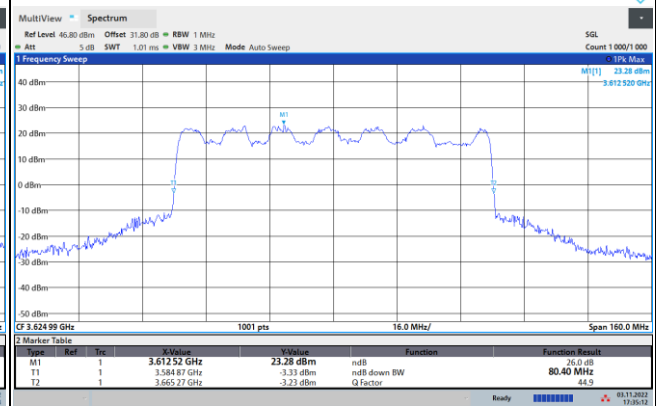


FR1 n48 / 80MHz / Middle Channel / 26dB BW

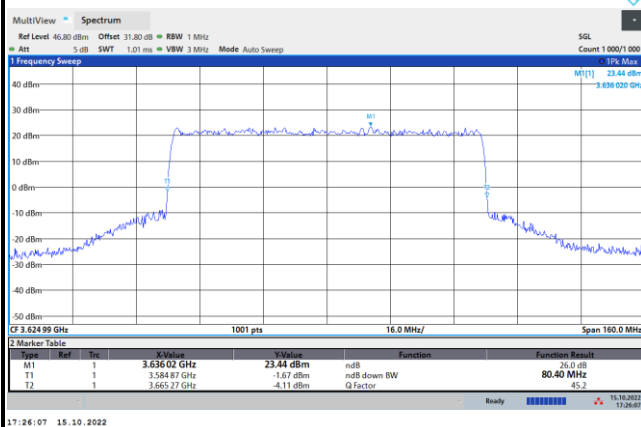
QPSK



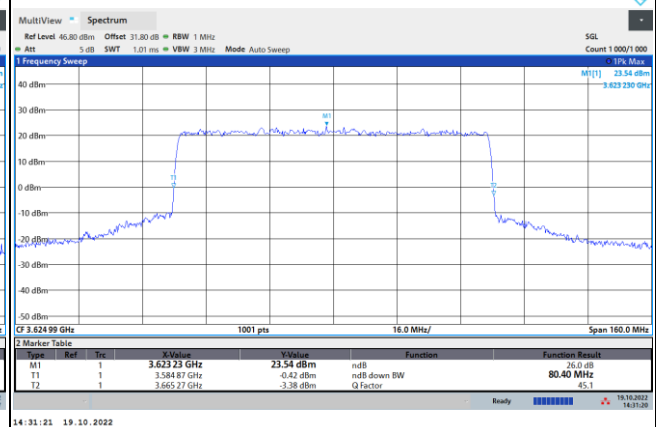
16QAM



64QAM



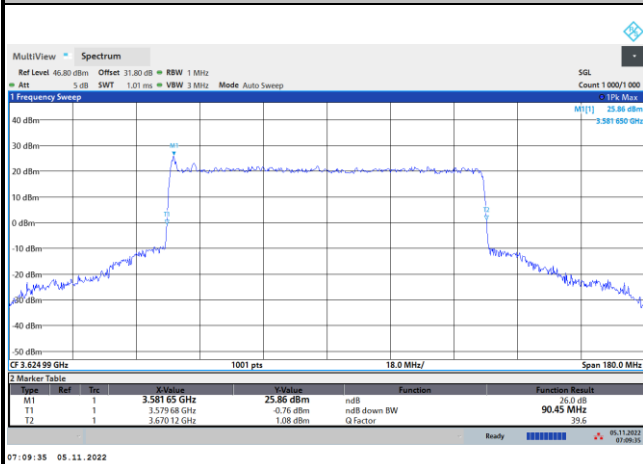
256QAM



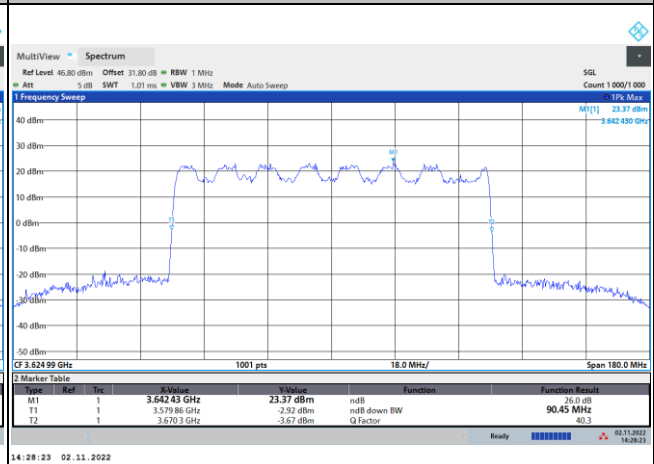


FR1 n48 / 90MHz / Middle Channel / 26dB BW

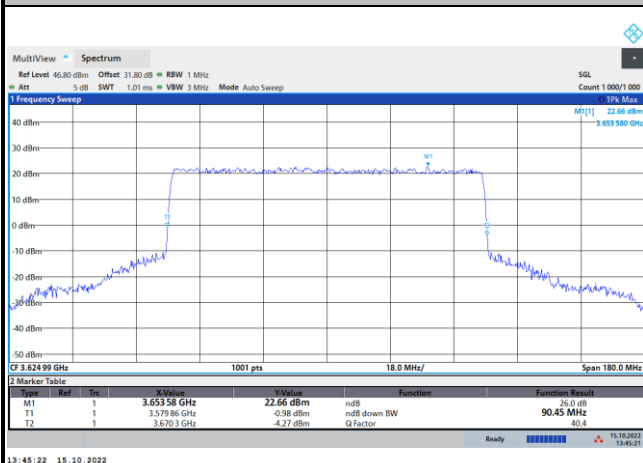
QPSK



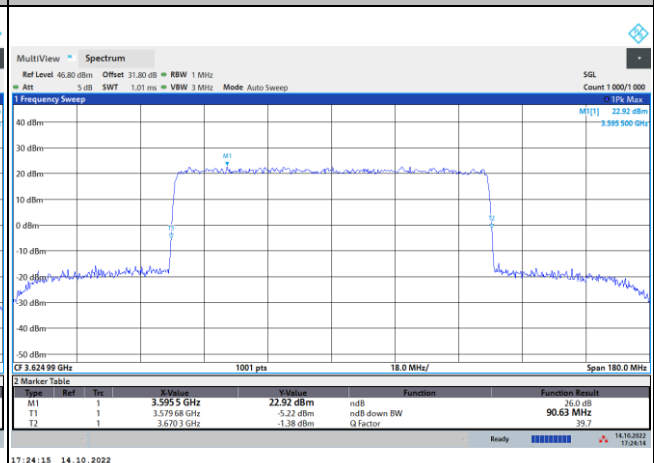
16QAM



64QAM



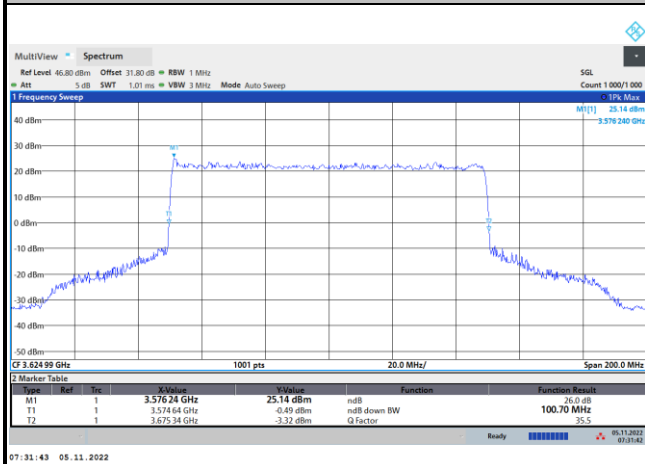
256QAM



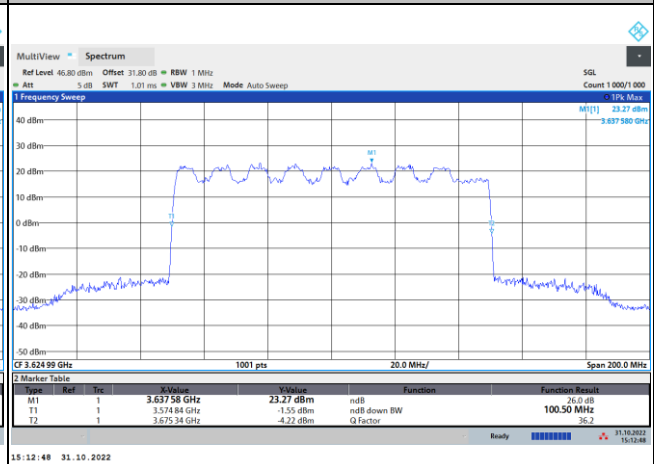


FR1 n48 / 100MHz / Middle Channel / 26dB BW

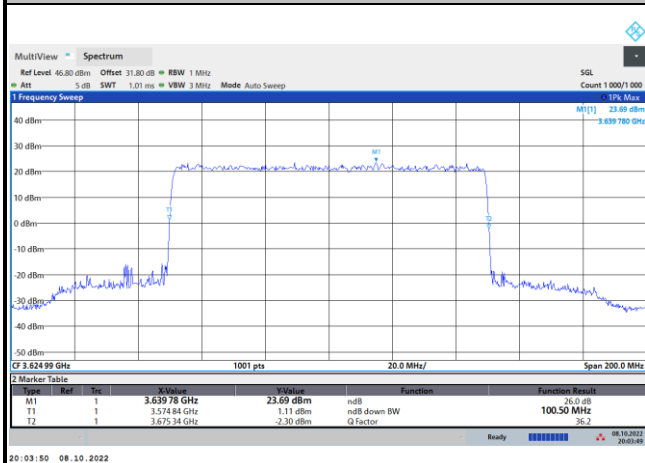
QPSK



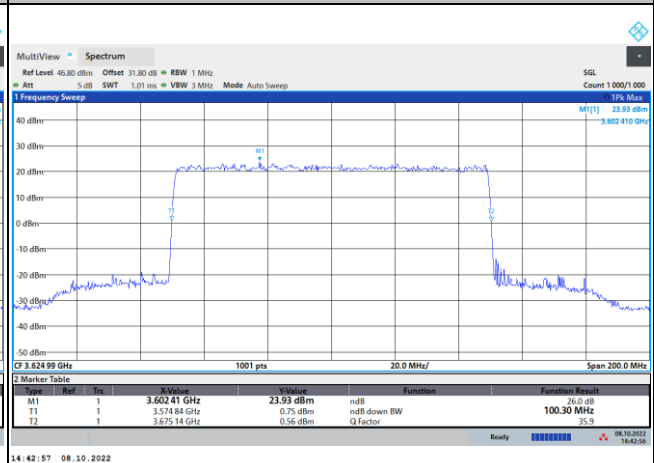
16QAM



64QAM

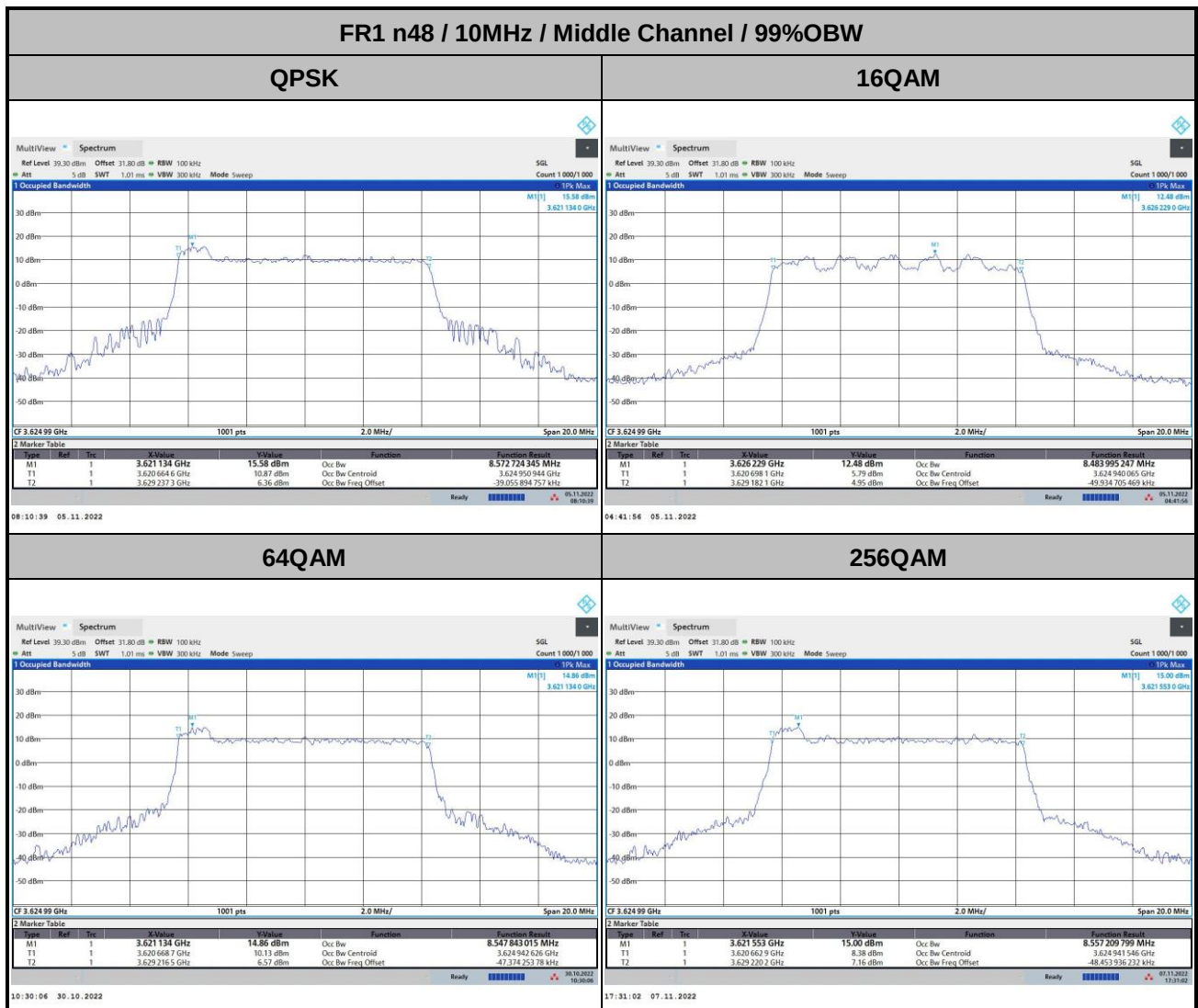


256QAM



**Occupied Bandwidth**

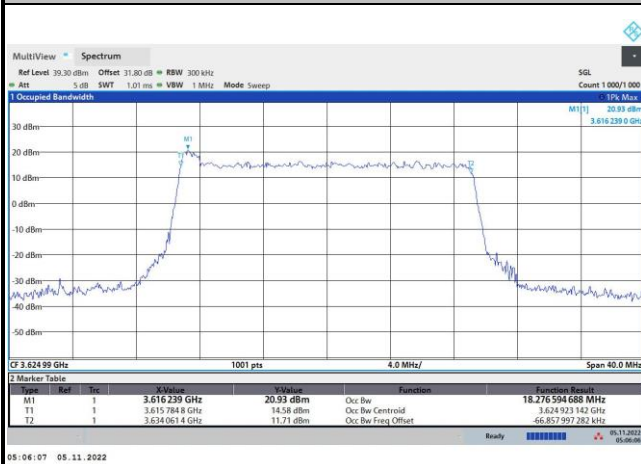
Mode	FR1 n48 : 99%OBW (MHz)							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.57	8.48	18.27	18.31	38.30	38.12	47.82	47.54
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.54	8.55	18.24	18.24	37.83	37.89	47.36	47.50
BW	60MHz		80MHz		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



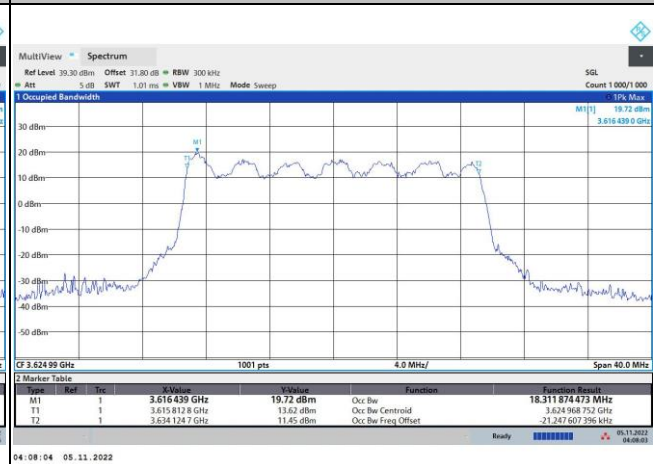


FR1 n48 / 20MHz / Middle Channel / 99%OBW

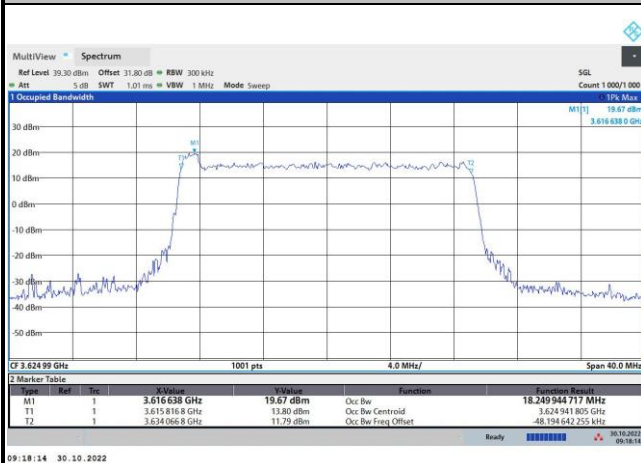
QPSK



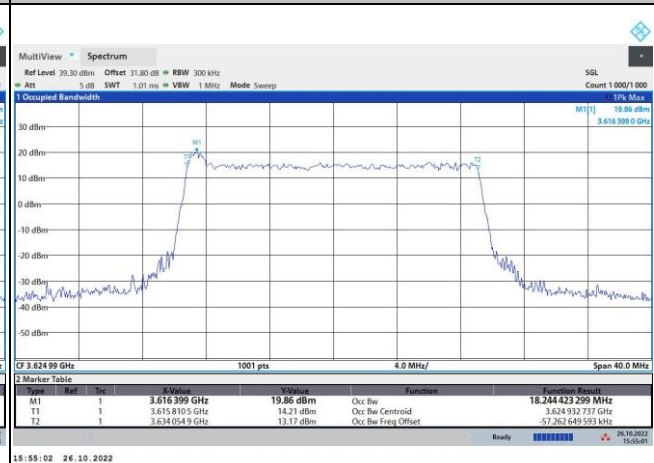
16QAM



64QAM



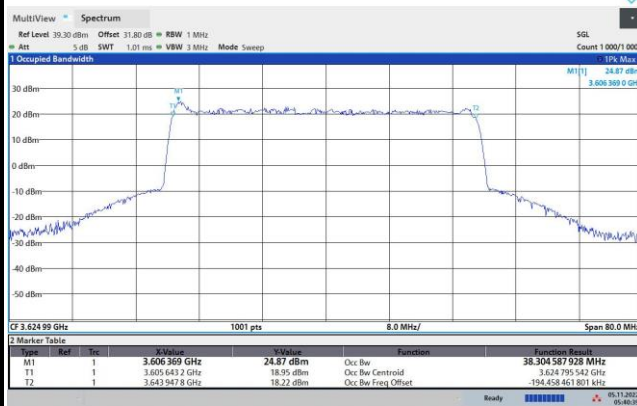
256QAM



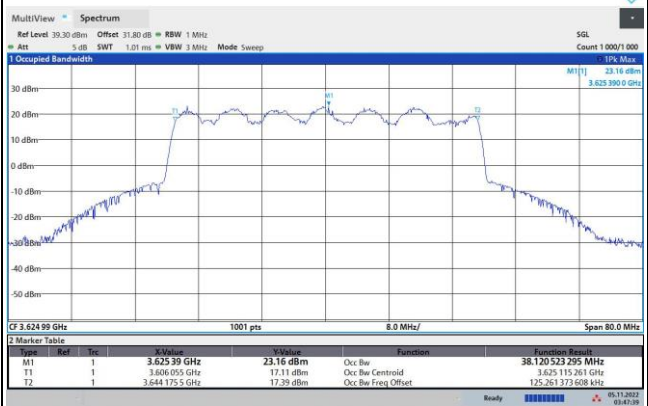


FR1 n48 / 40MHz / Middle Channel / 99%OBW

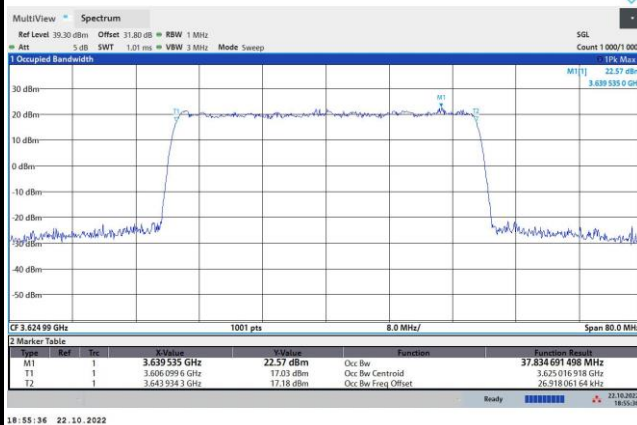
QPSK



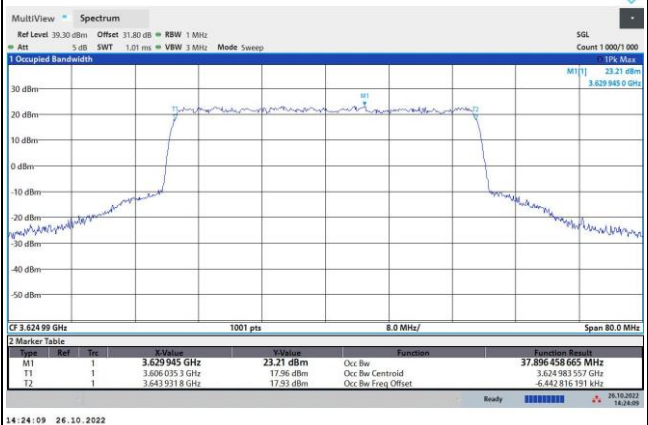
16QAM



64QAM



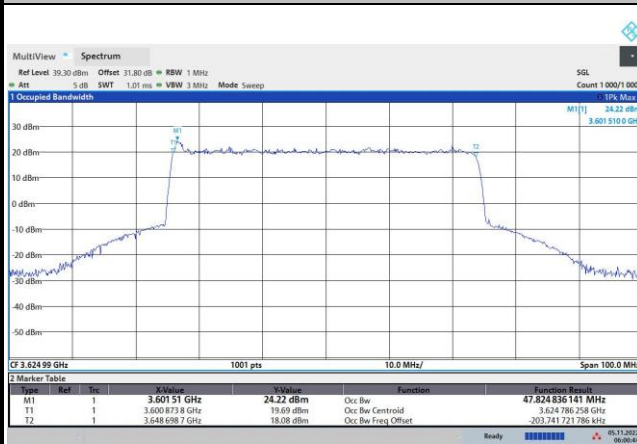
256QAM





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

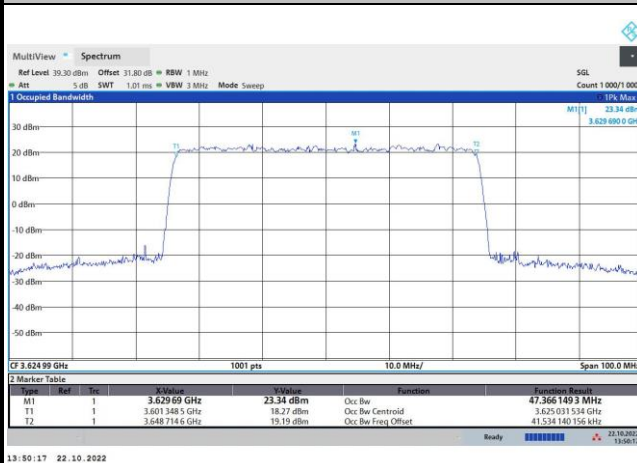
QPSK



16QAM



64QAM



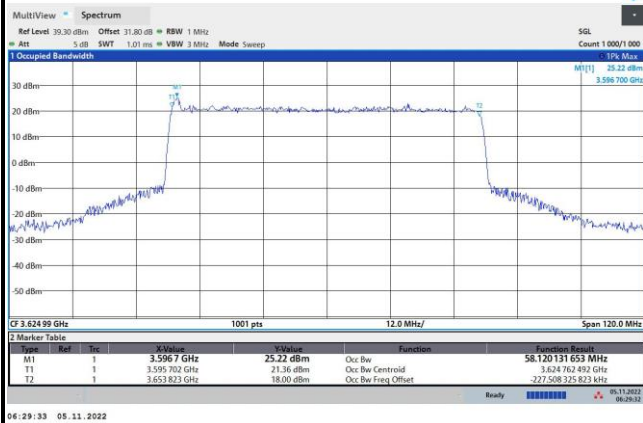
256QAM



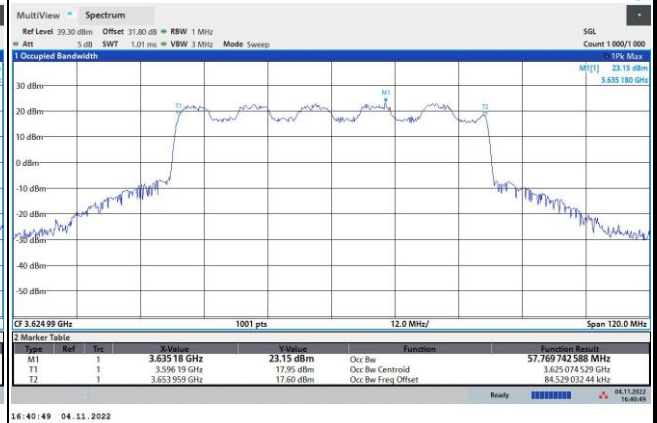


FR1 n48 / 60MHz / Middle Channel / 99%OBW

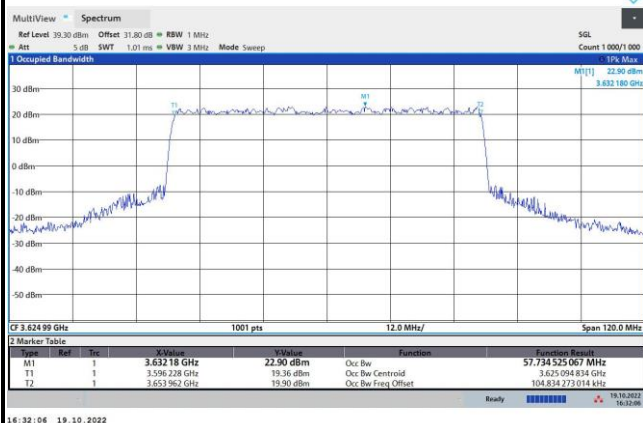
QPSK



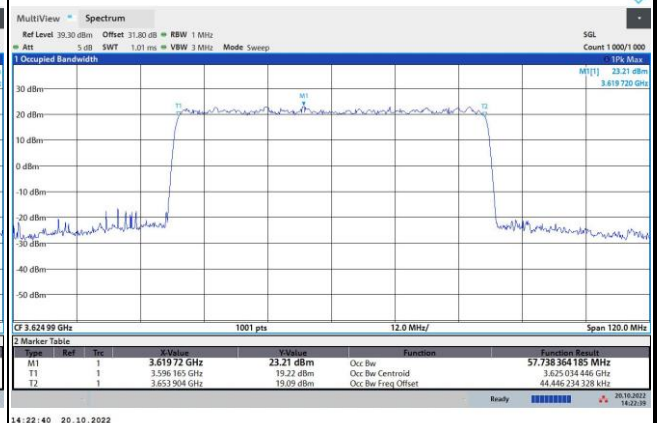
16QAM



64QAM



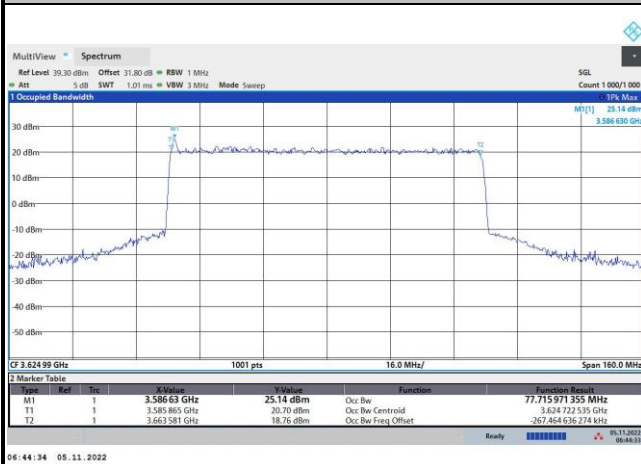
256QAM





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

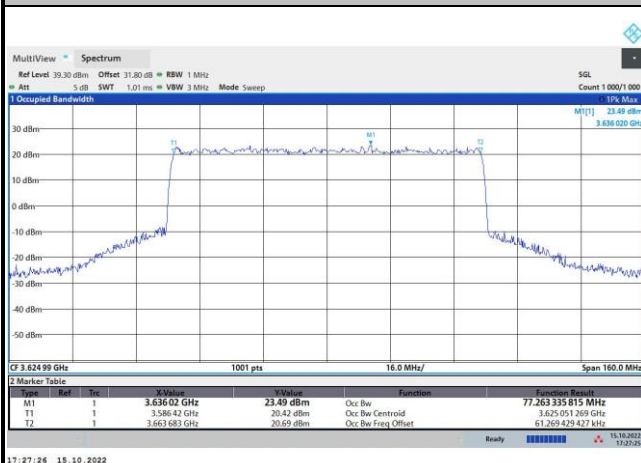
QPSK



16QAM



64QAM



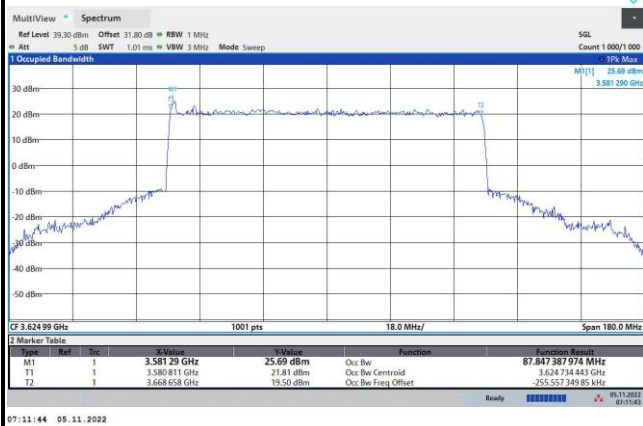
256QAM



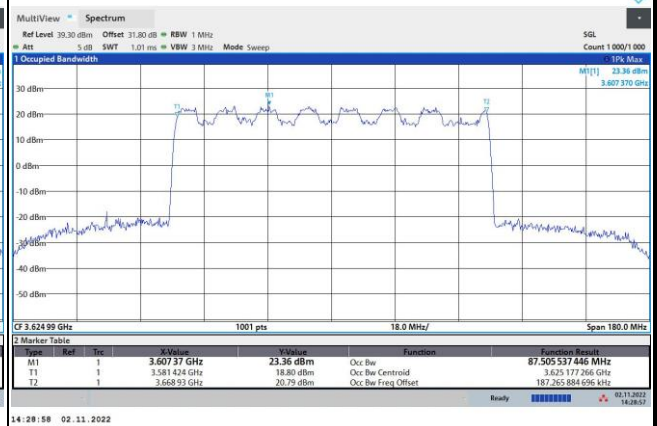


FR1 n48 / 90MHz / Middle Channel / 99%OBW

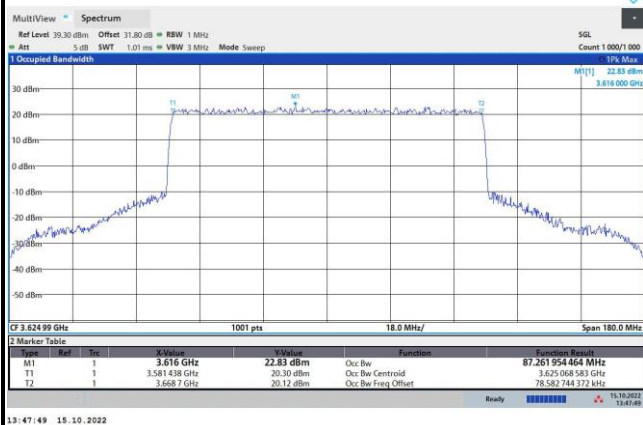
QPSK



16QAM



64QAM



256QAM

