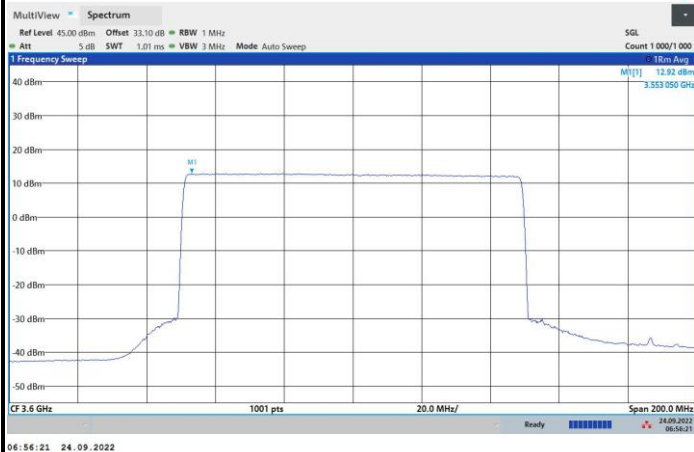


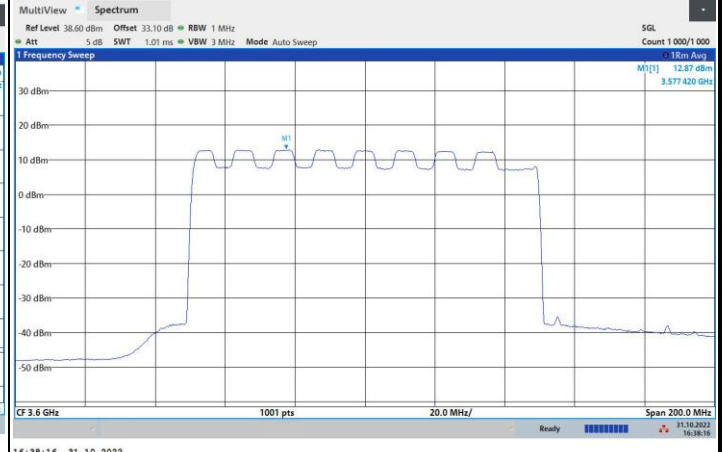


FR1 n48 / 100MHz / Lowest Channel / PSD

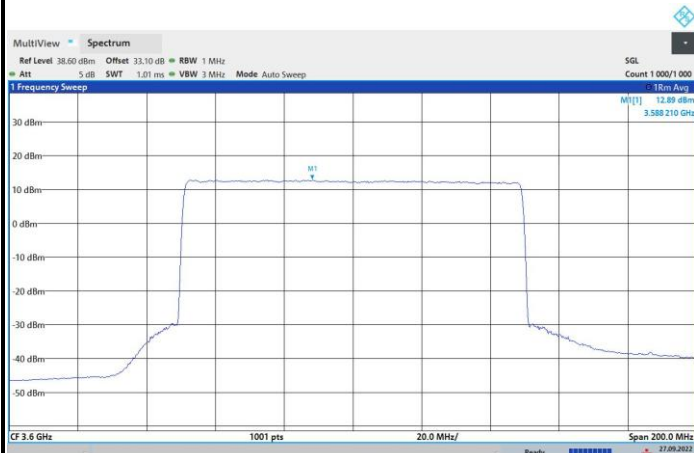
QPSK



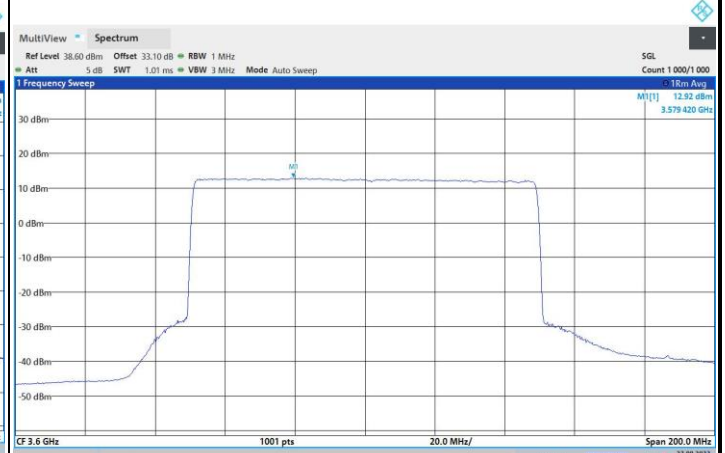
16QAM



64QAM



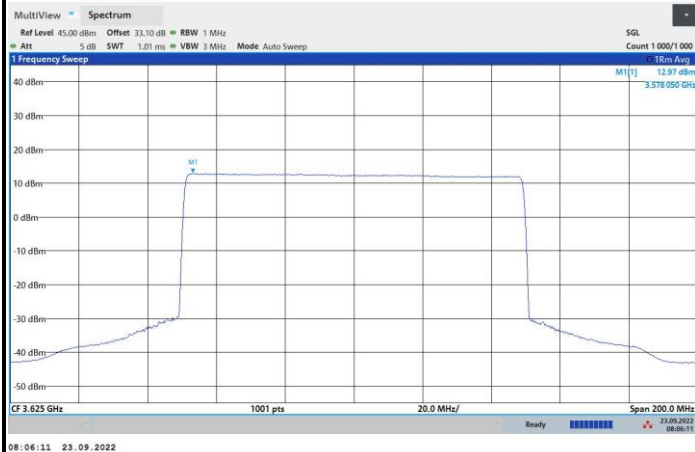
256QAM



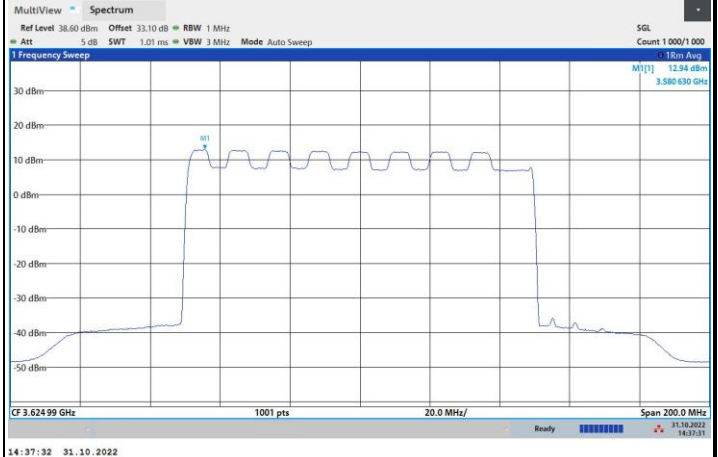


FR1 n48 / 100MHz / Middle Channel / PSD

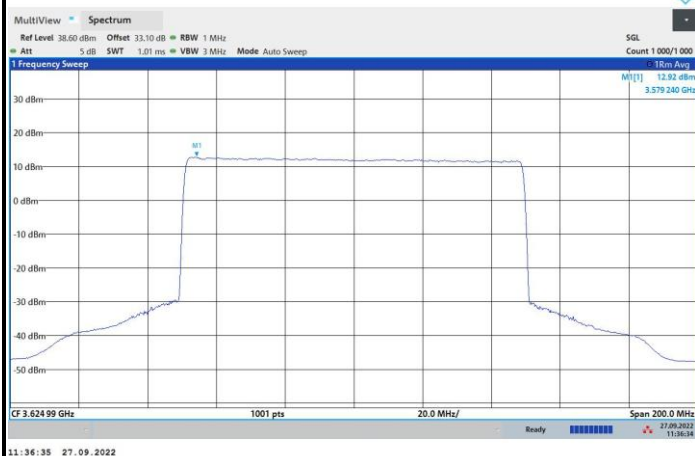
QPSK



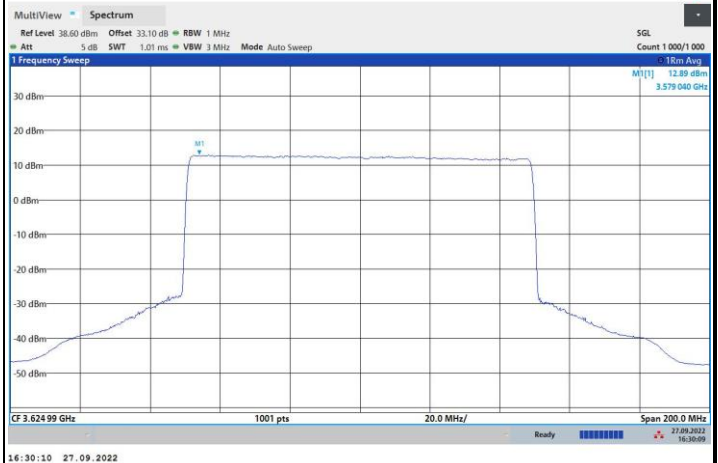
16QAM



64QAM



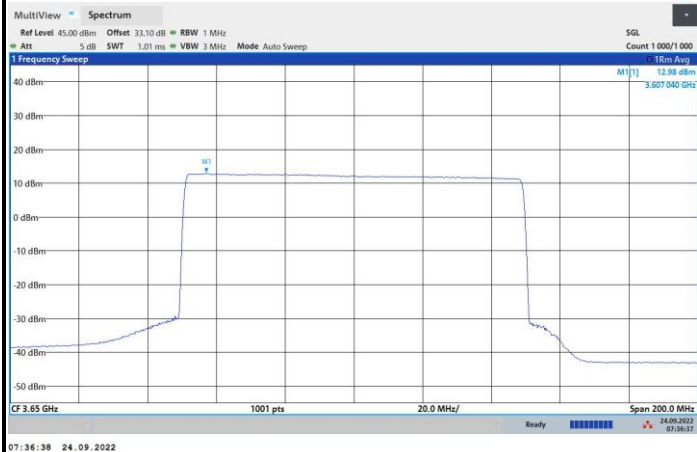
256QAM





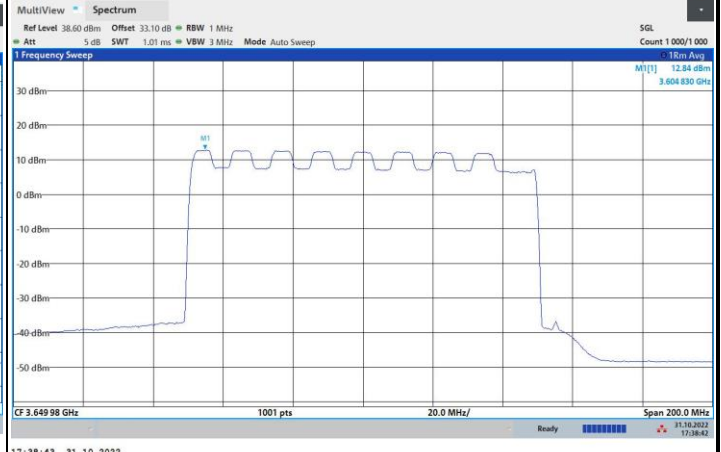
FR1 n48 / 100MHz / Highest Channel / PSD

QPSK



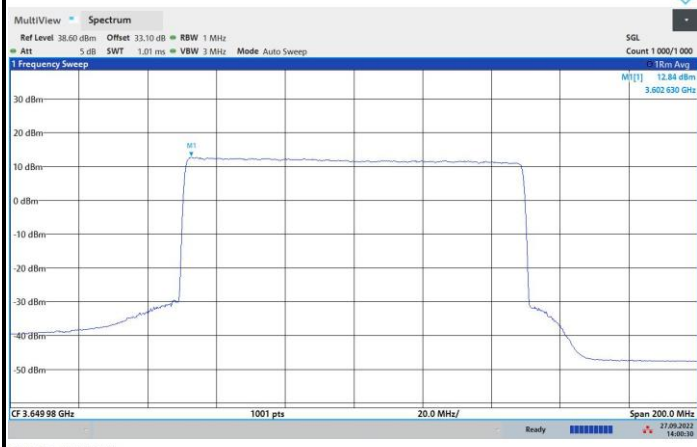
07:36:38 24.09.2022

16QAM



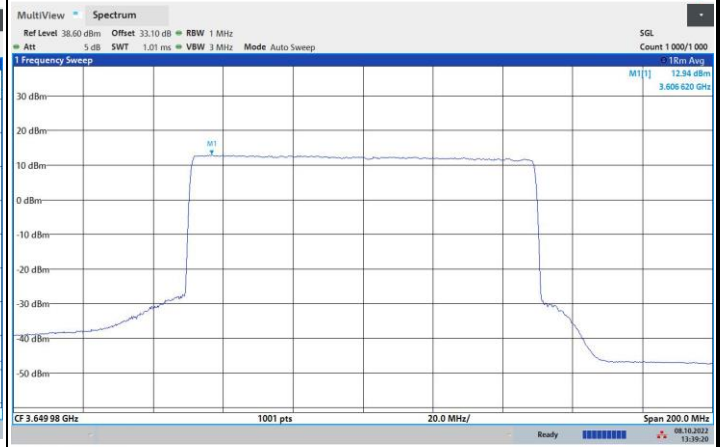
17:38:43 31.10.2022

64QAM



14:00:30 27.09.2022

256QAM

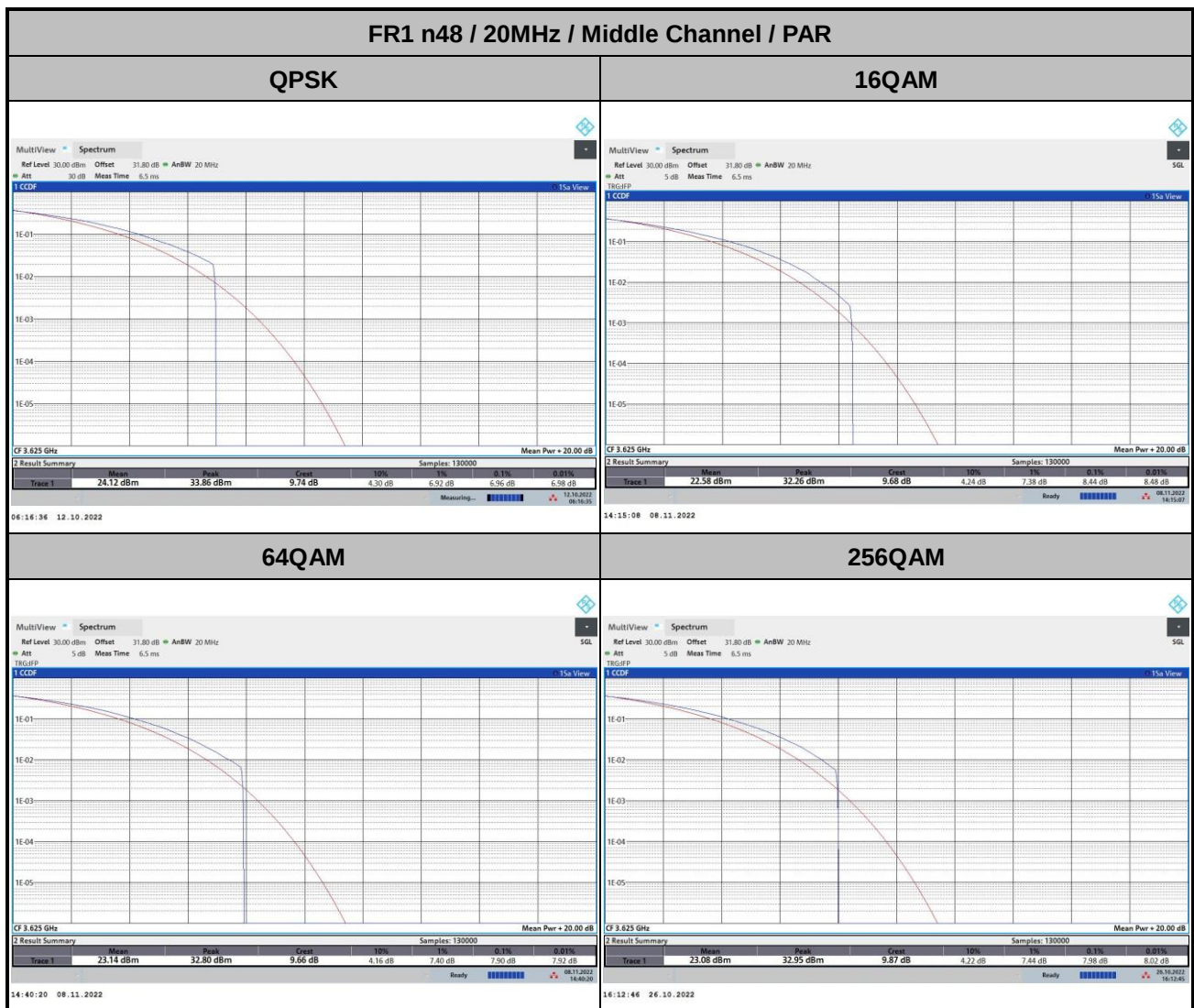


13:39:20 08.10.2022



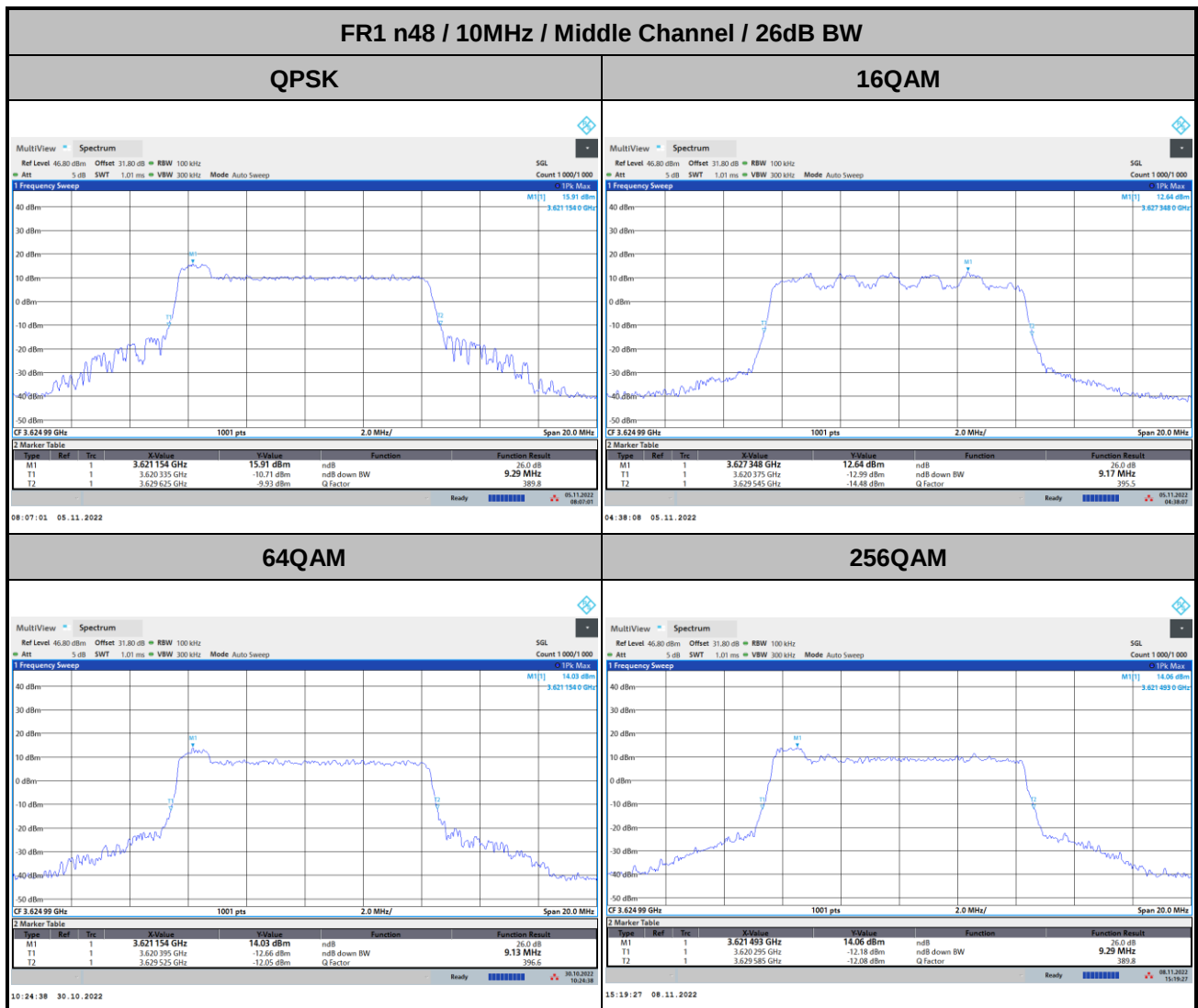
Peak-to-Average Ratio

Mode	FR1 n48 / 20MHz / PAR (dB)				Limit: 13dB
Mod.	QPSK	16QAM	64QAM	256QAM	Result
Middle CH	6.96	8.44	7.90	7.98	PASS



**26dB Bandwidth**

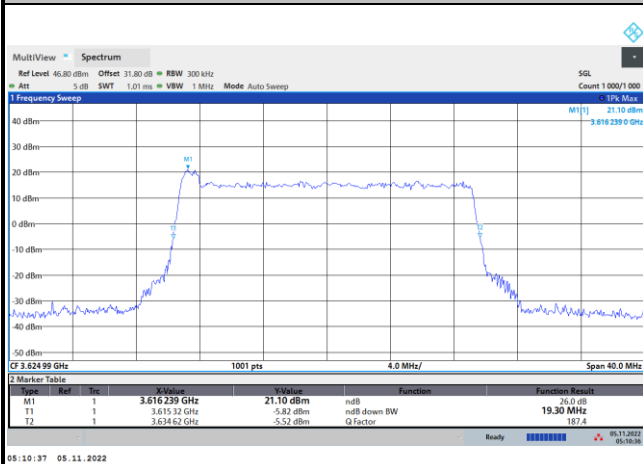
Mode	FR1 n48 : 26dB BW(MHz)							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	9.29	9.17	19.30	19.38	40.44	40.36	50.05	50.15
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	9.13	9.29	19.22	19.34	40.28	40.52	50.25	50.15
BW	60MHz		80MHz		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	100.50	100.50
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	60.54	60.66	80.24	80.40	90.45	90.63	100.50	100.70



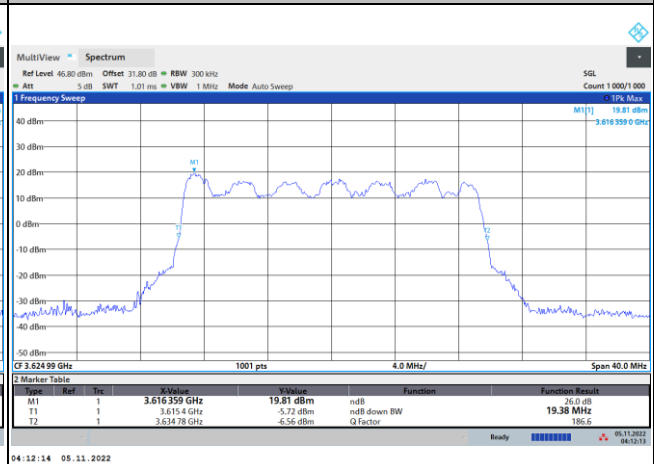


FR1 n48 / 20MHz / Middle Channel / 26dB BW

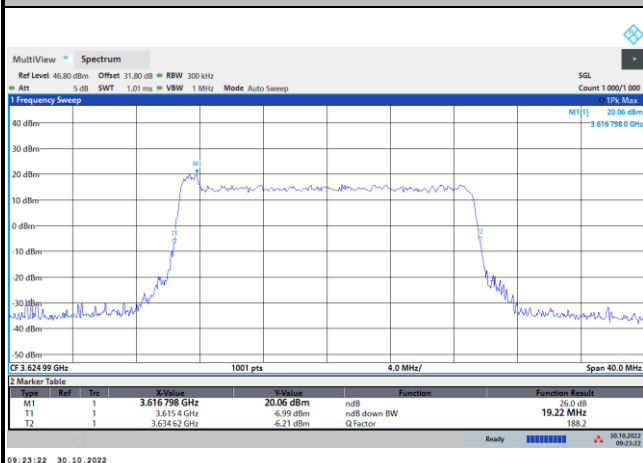
QPSK



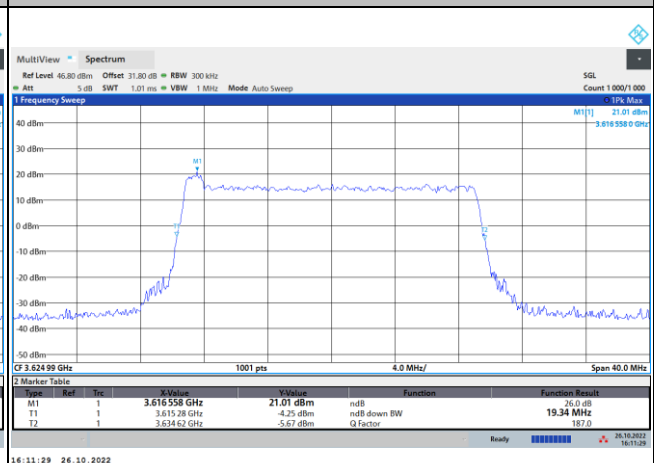
16QAM



64QAM



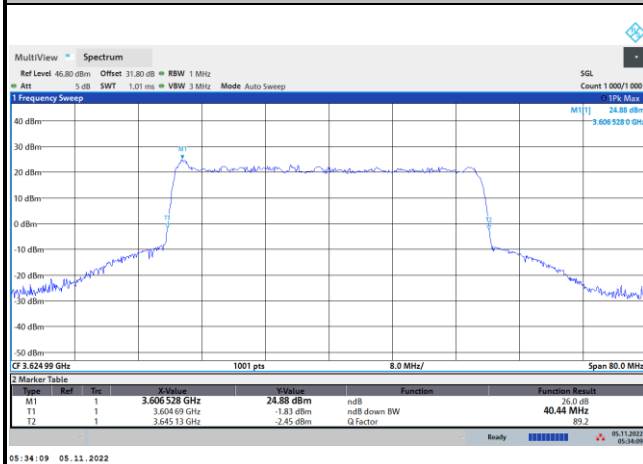
256QAM



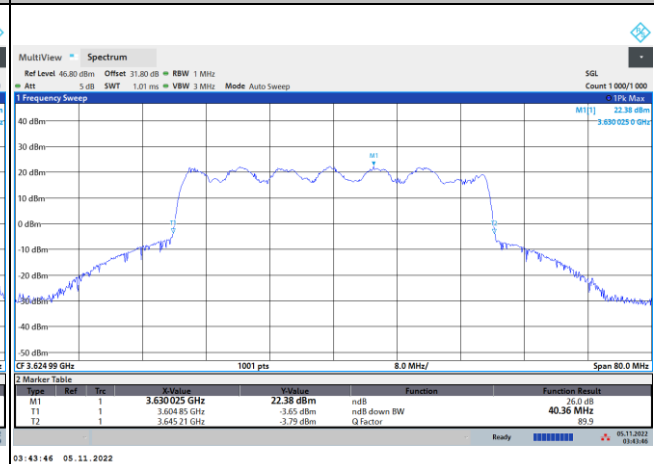


FR1 n48 / 40MHz / Middle Channel / 26dB BW

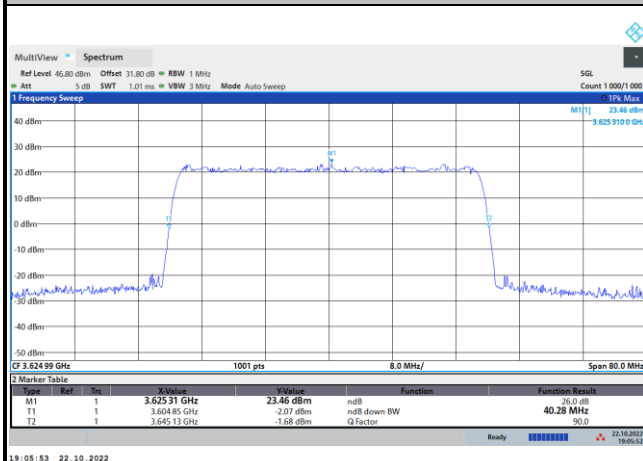
QPSK



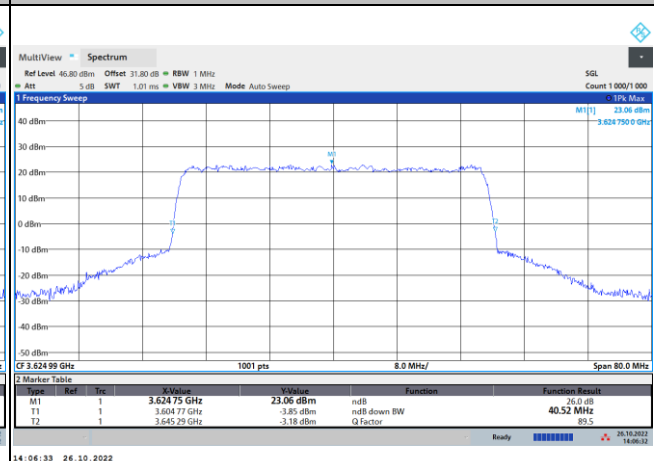
16QAM



64QAM



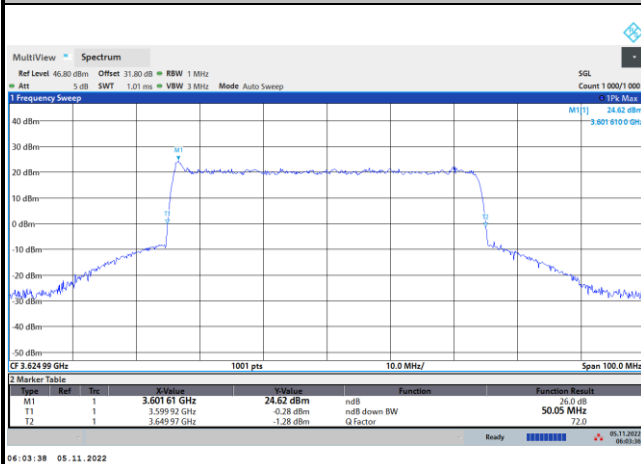
256QAM



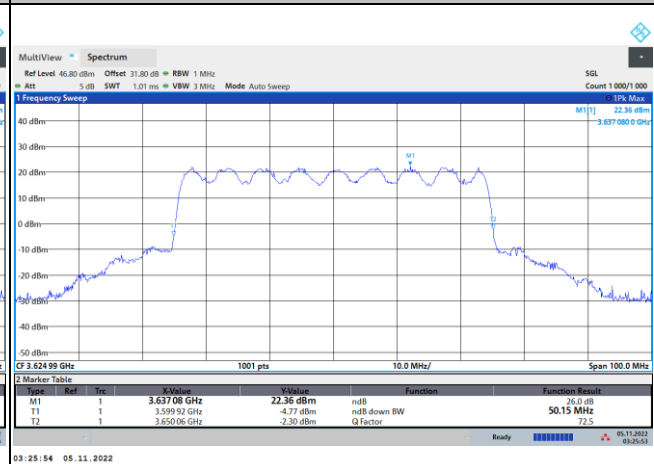


FR1 n48 / 50MHz / Middle Channel / 26dB BW

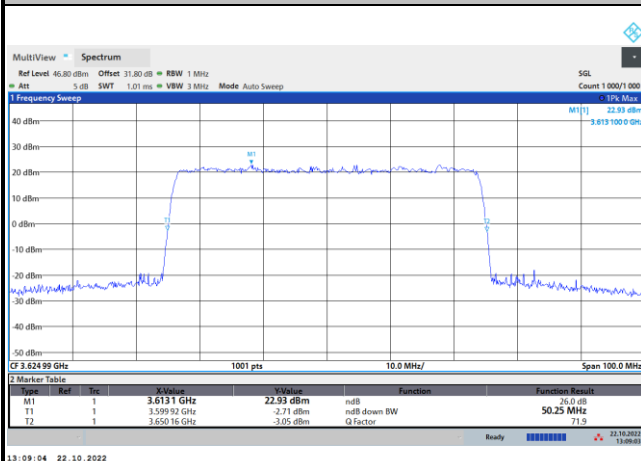
QPSK



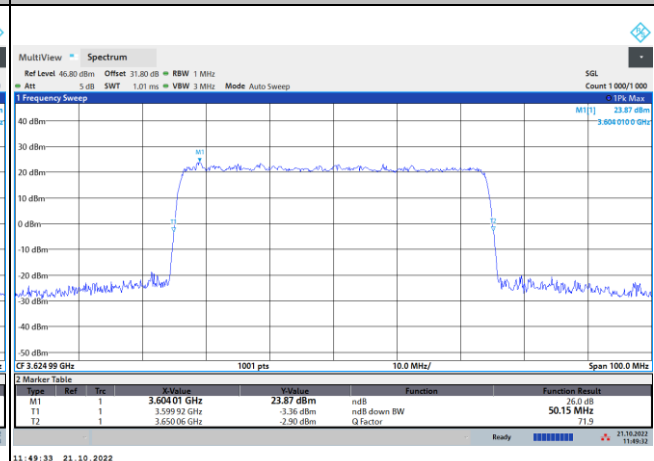
16QAM



64QAM



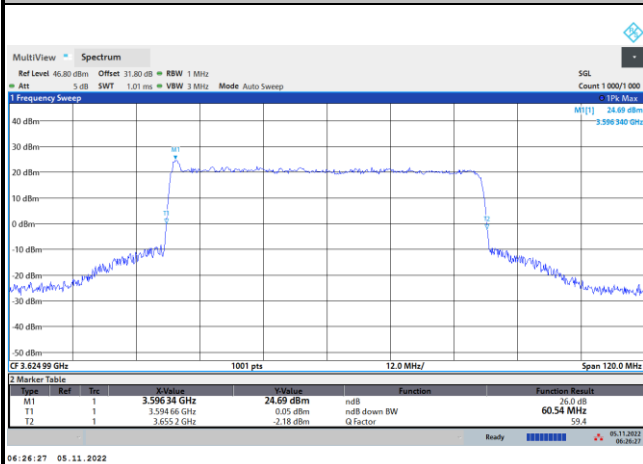
256QAM



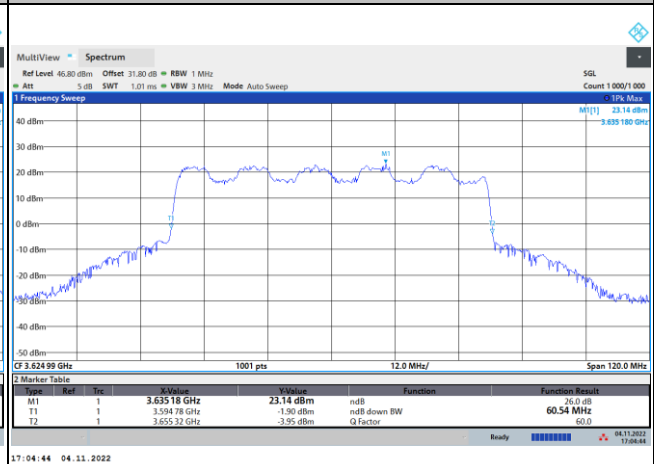


FR1 n48 / 60MHz / Middle Channel / 26dB BW

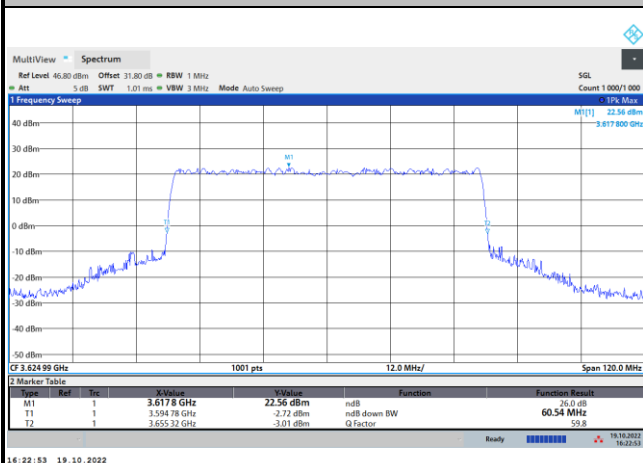
QPSK



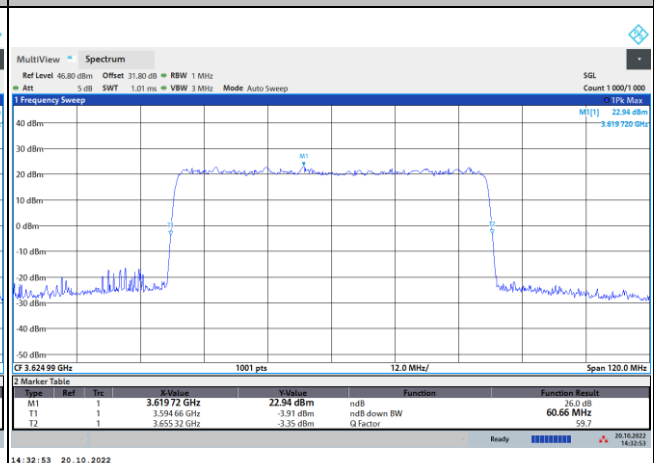
16QAM



64QAM



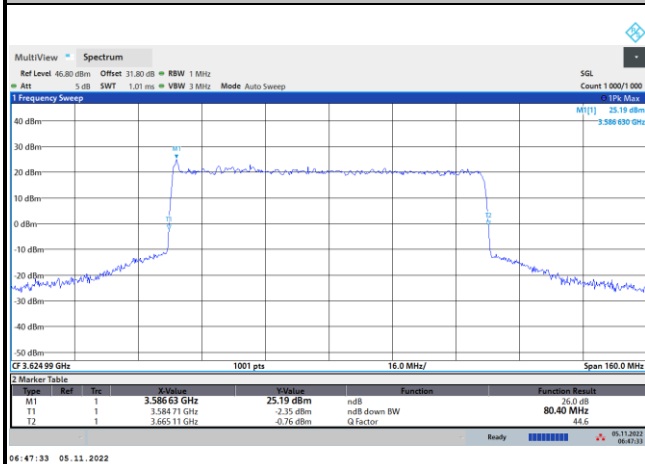
256QAM



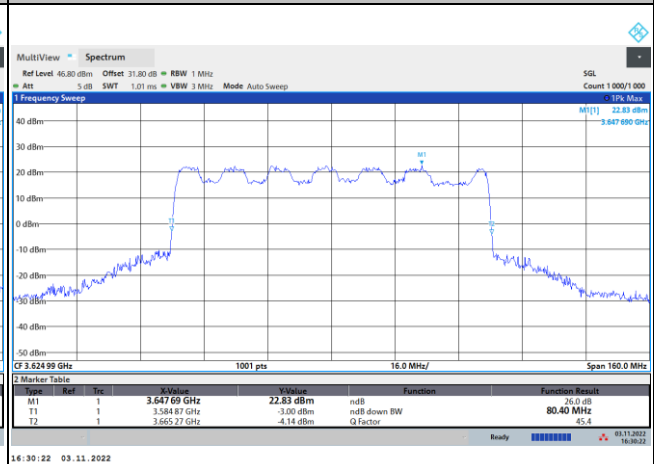


FR1 n48 / 80MHz / Middle Channel / 26dB BW

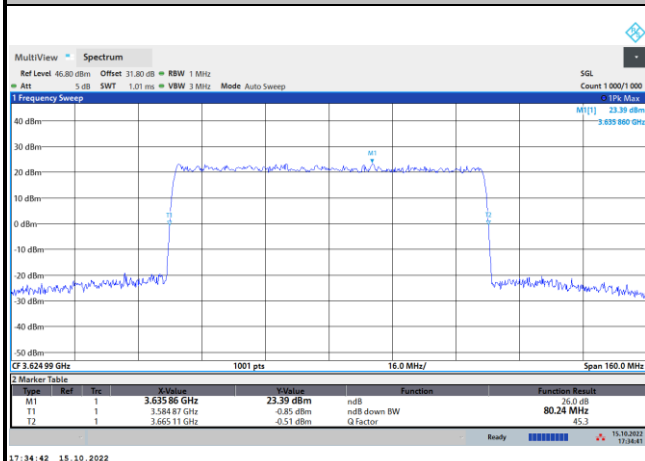
QPSK



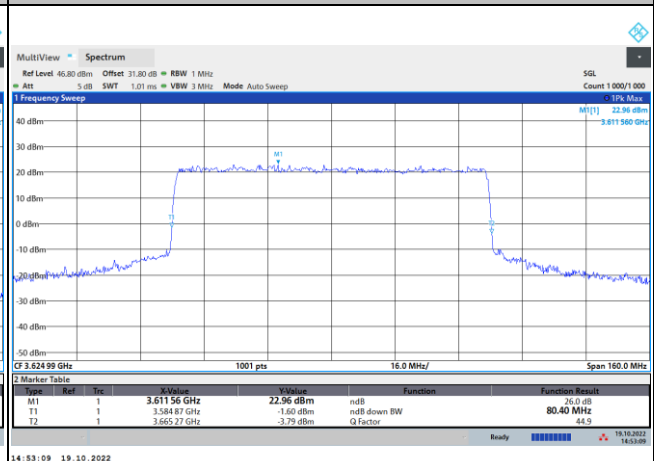
16QAM



64QAM



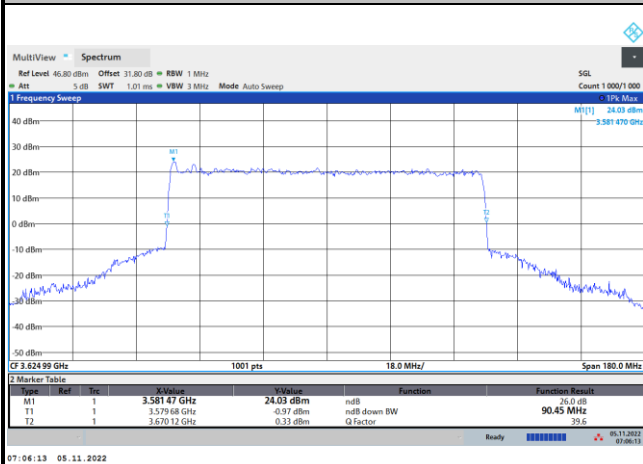
256QAM



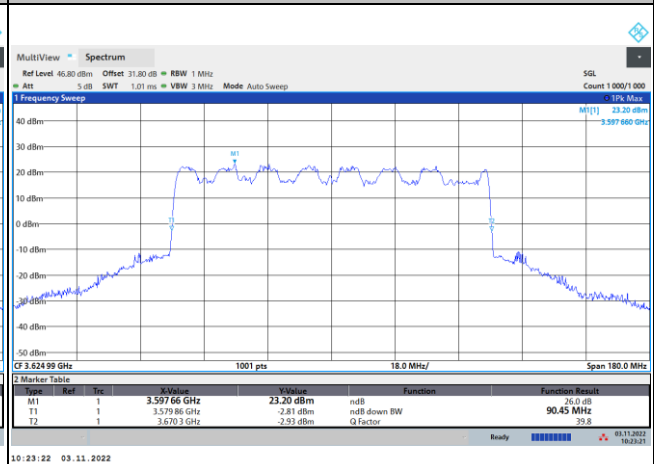


FR1 n48 / 90MHz / Middle Channel / 26dB BW

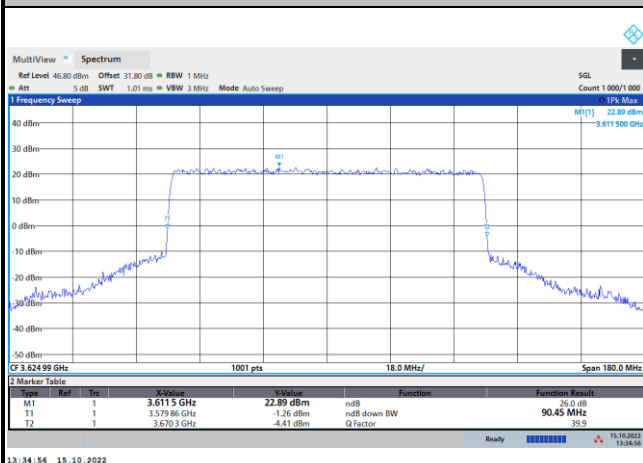
QPSK



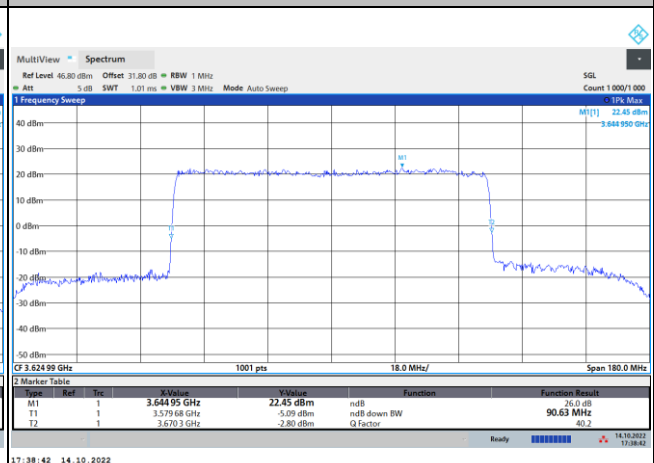
16QAM



64QAM



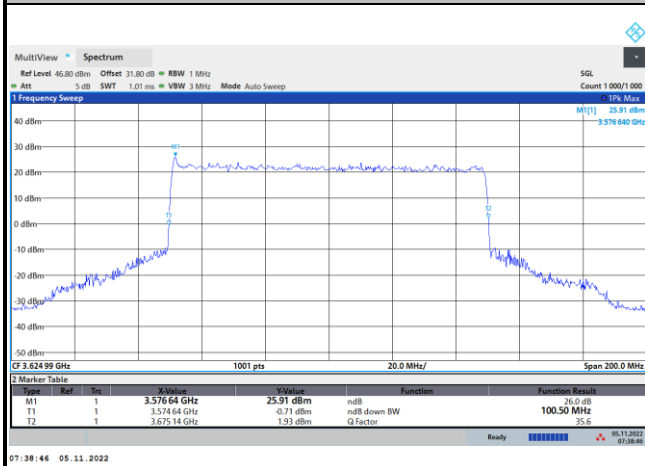
256QAM



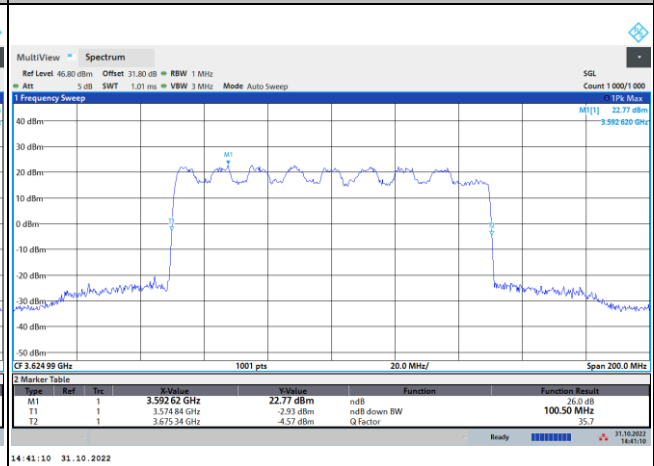


FR1 n48 / 100MHz / Middle Channel / 26dB BW

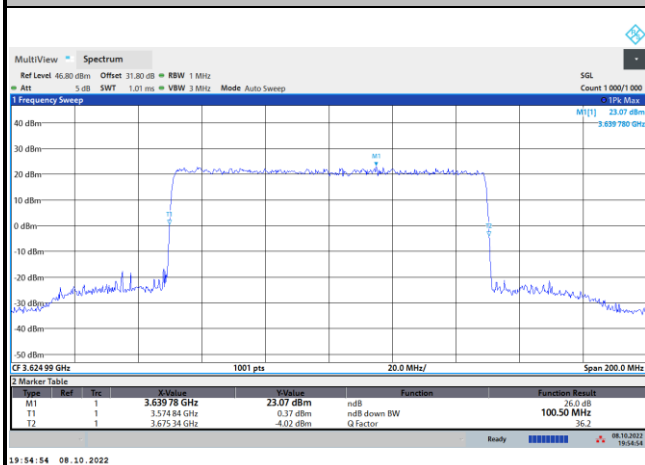
QPSK



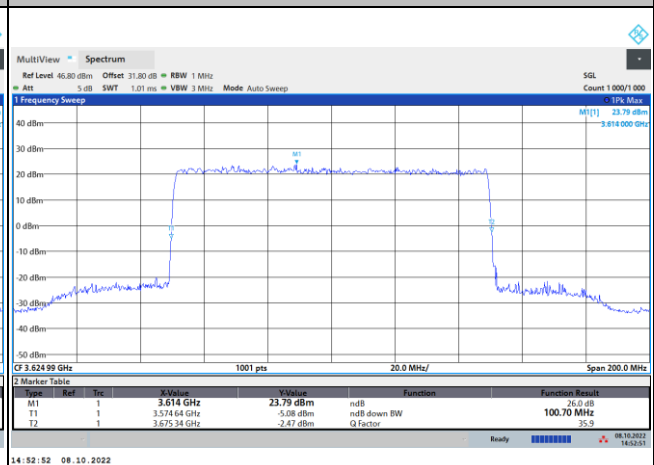
16QAM



64QAM

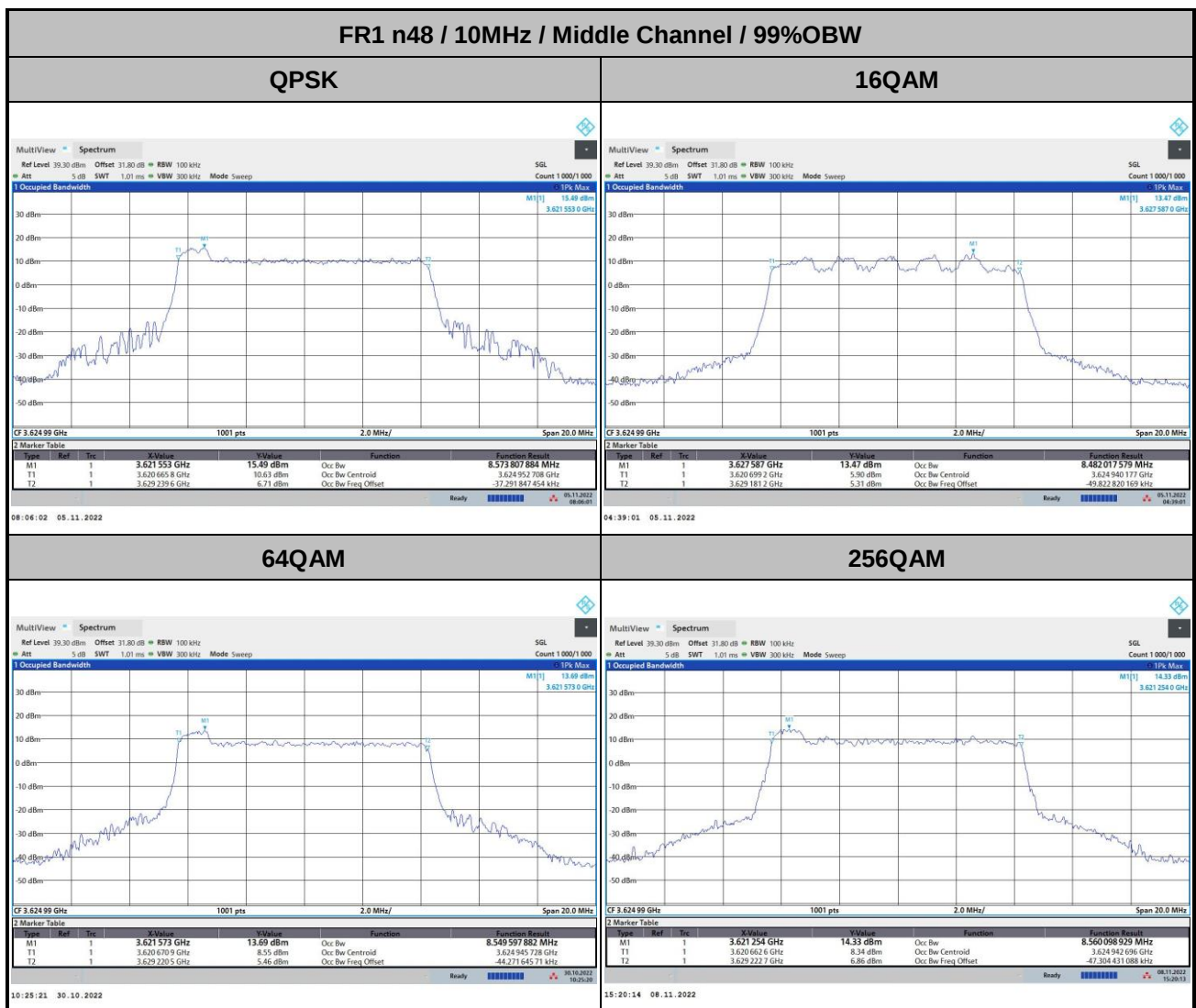


256QAM



**Occupied Bandwidth**

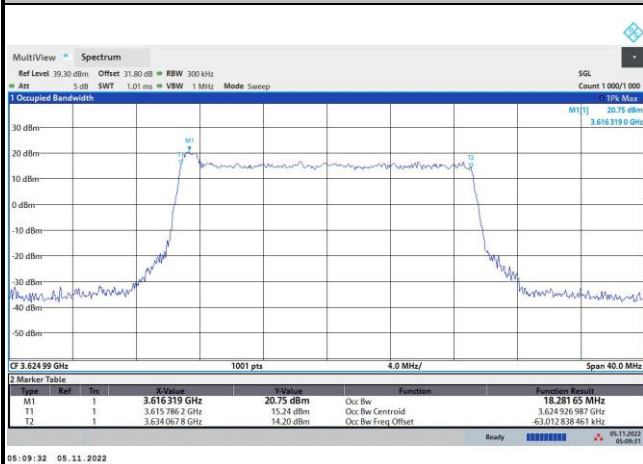
Mode	FR1 n48 : 99%OBW (MHz)							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.57	8.48	18.28	18.33	38.30	38.11	47.97	47.53
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.54	8.56	18.27	18.28	37.86	37.90	47.22	47.47
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	58.11	57.75	77.75	77.51	87.83	87.61	97.65	96.97
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	57.82	57.81	77.28	77.48	87.20	87.25	97.21	97.23



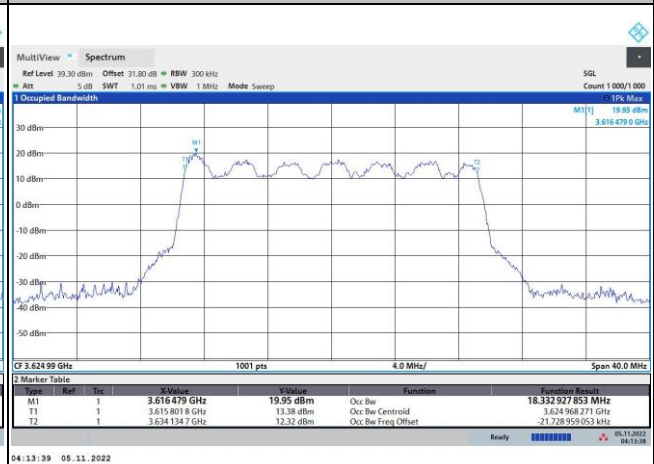


FR1 n48 / 20MHz / Middle Channel / 99%OBW

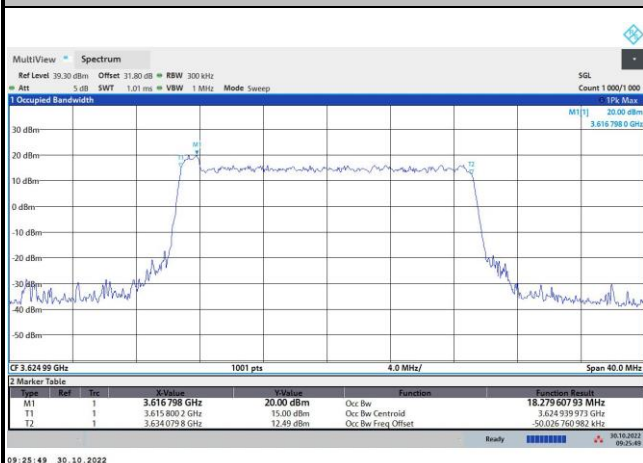
QPSK



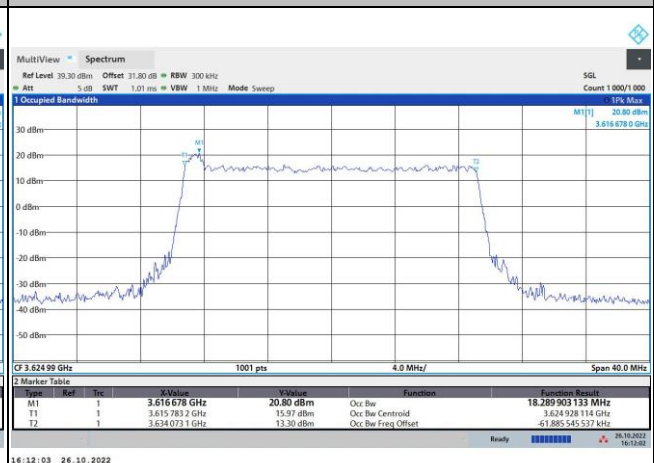
16QAM



64QAM



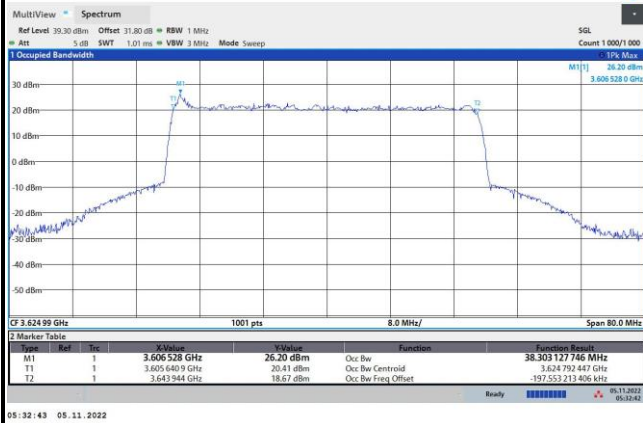
256QAM





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

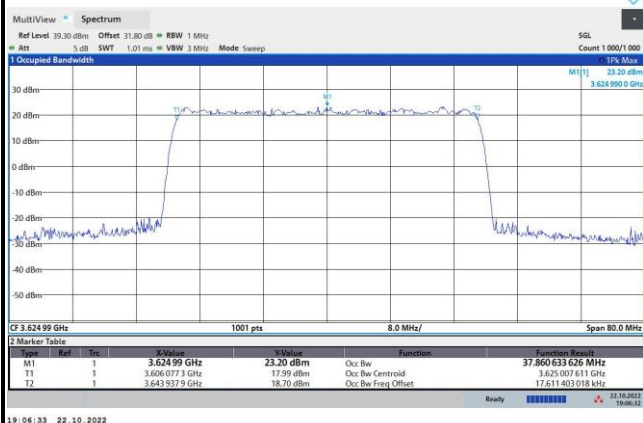
QPSK



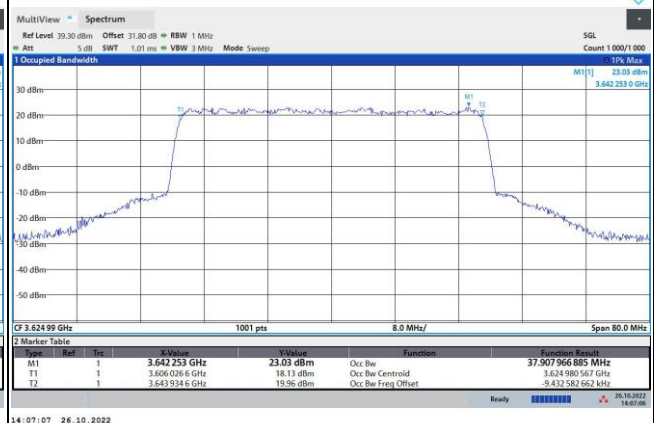
16QAM



64QAM



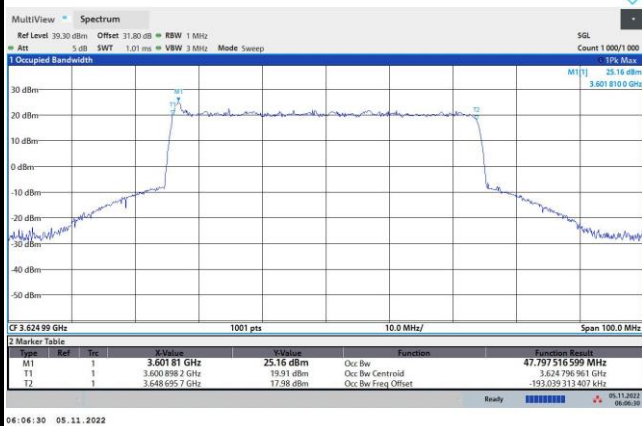
256QAM



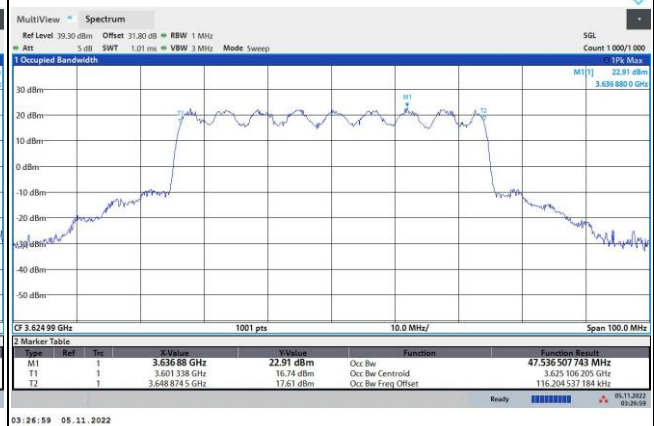


FR1 n48 / 50MHz / Middle Channel / 99%OBW

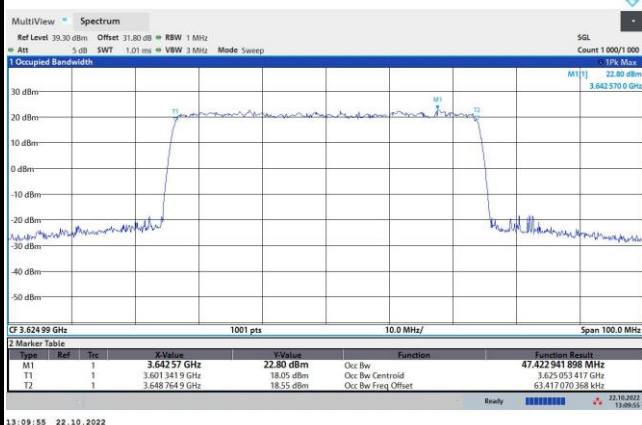
QPSK



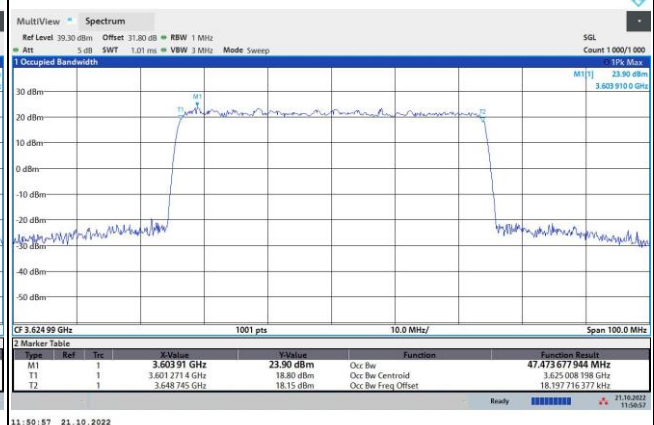
16QAM



64QAM



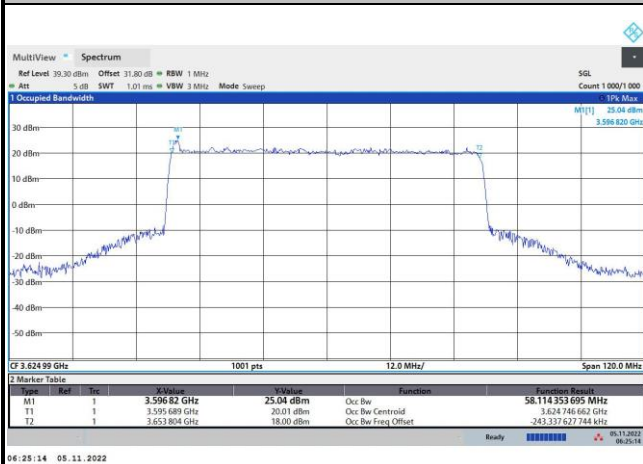
256QAM





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

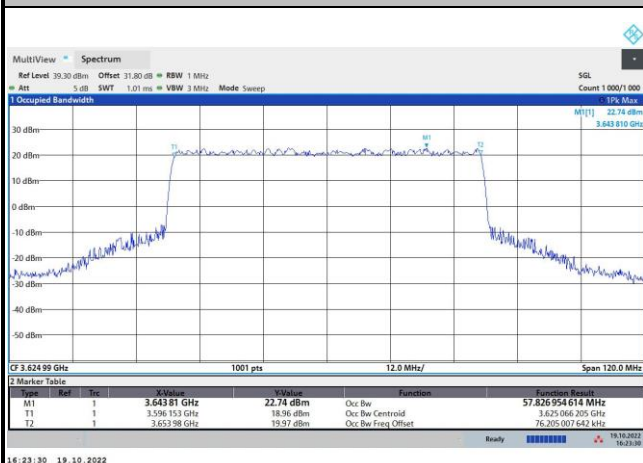
QPSK



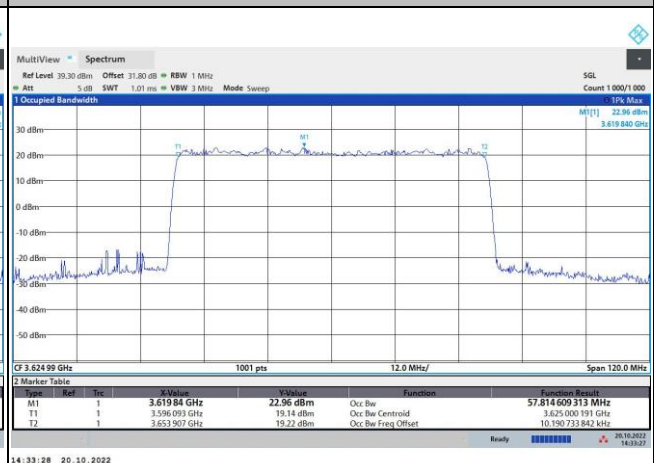
16QAM



64QAM

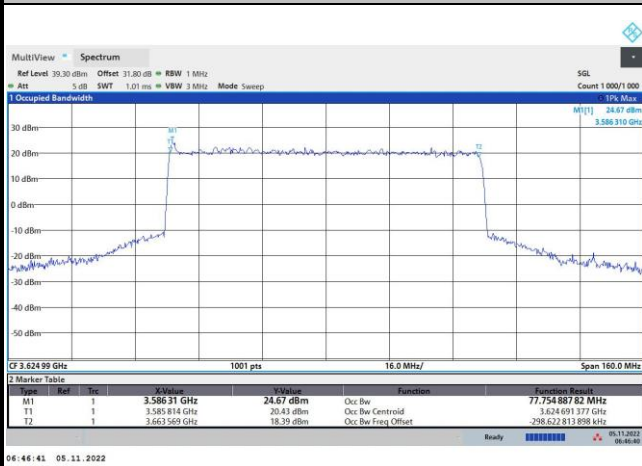


256QAM



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

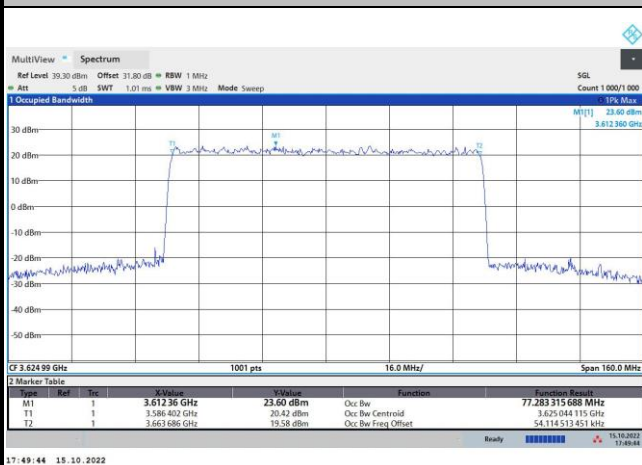
QPSK



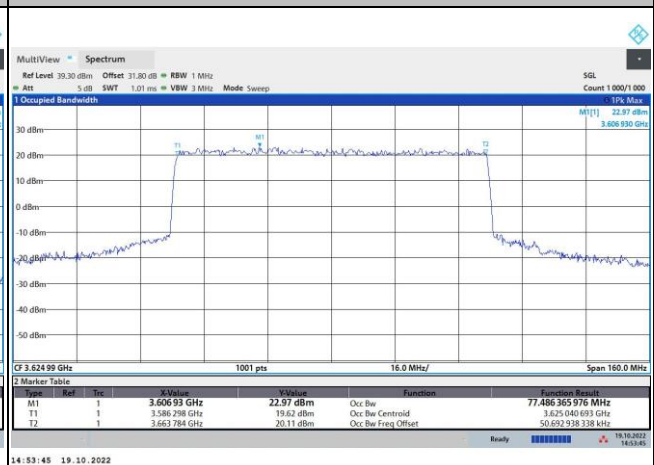
16QAM



64QAM



256QAM





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

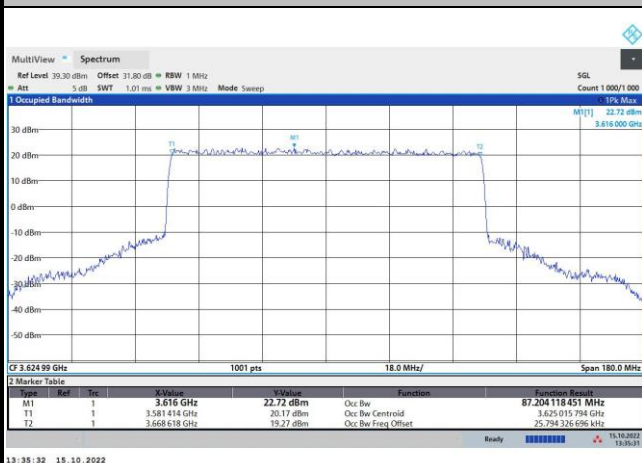
QPSK



16QAM



64QAM



256QAM



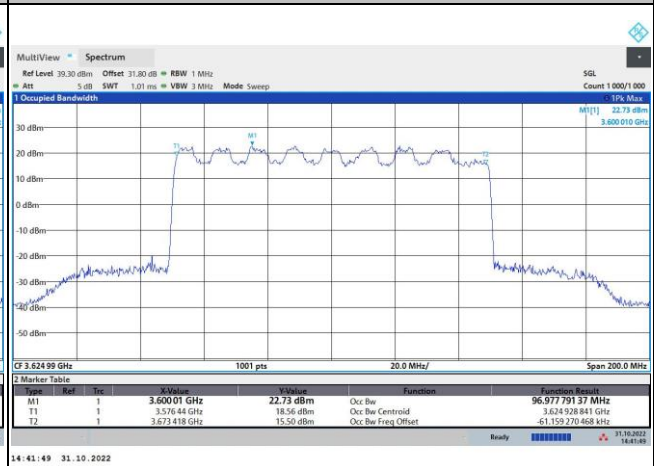


FR1 n48 / 100MHz / Middle Channel / 99%OBW

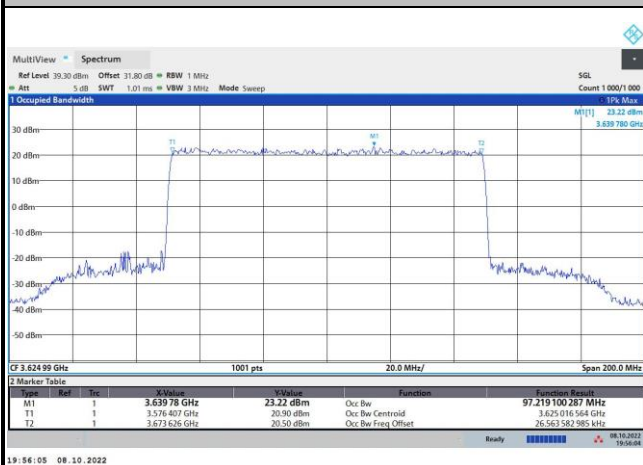
QPSK



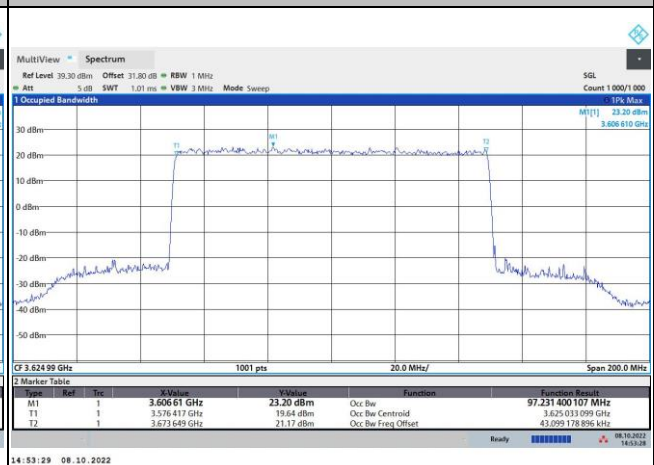
16QAM

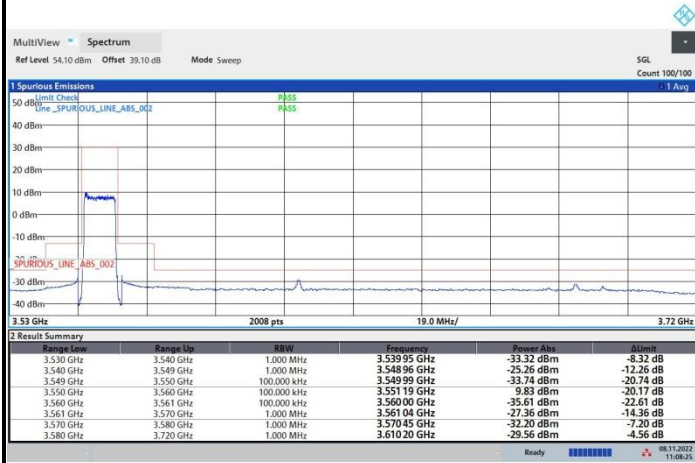


64QAM

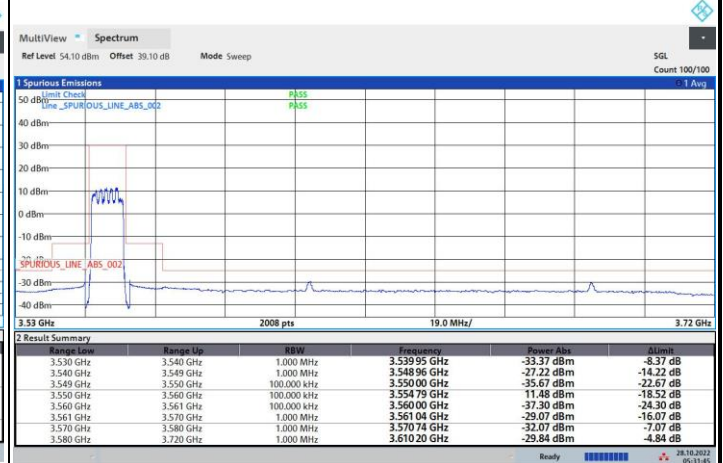


256QAM

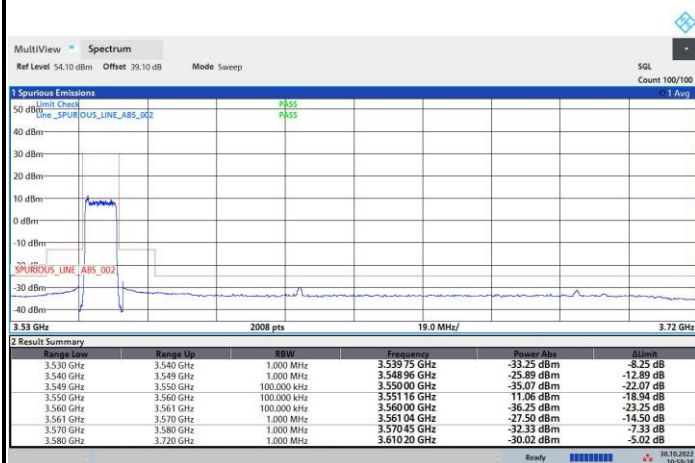


**Unwanted Emission (MASK)****FR1 n48 / 10MHz / Lowest Channel / MASK****QPSK**

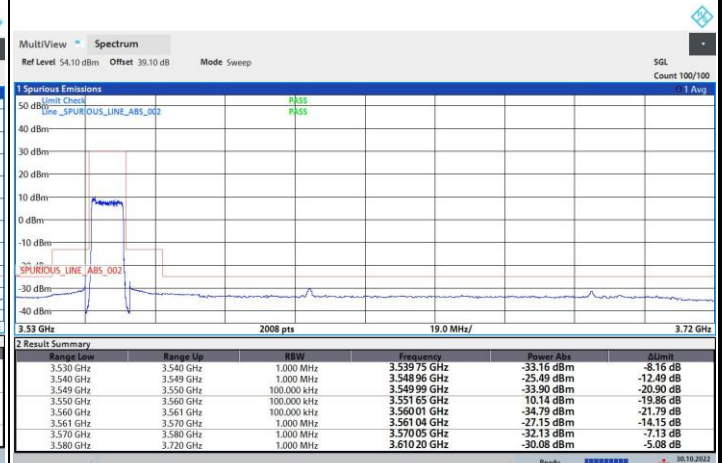
11:08:25 08.11.2022

16QAM

09:31:46 28.10.2022

64QAM

10:59:24 30.10.2022

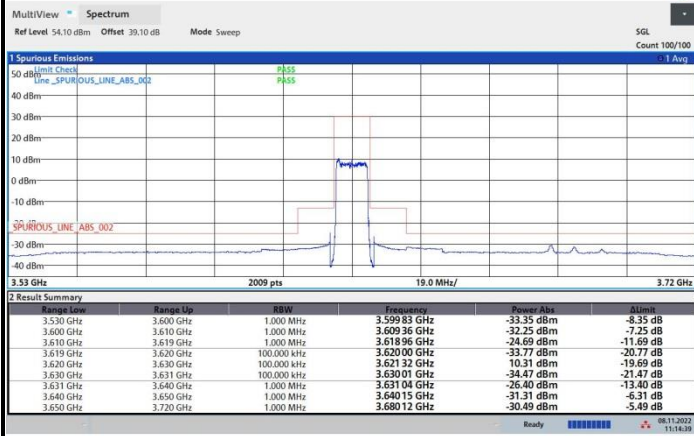
256QAM

12:59:21 30.10.2022



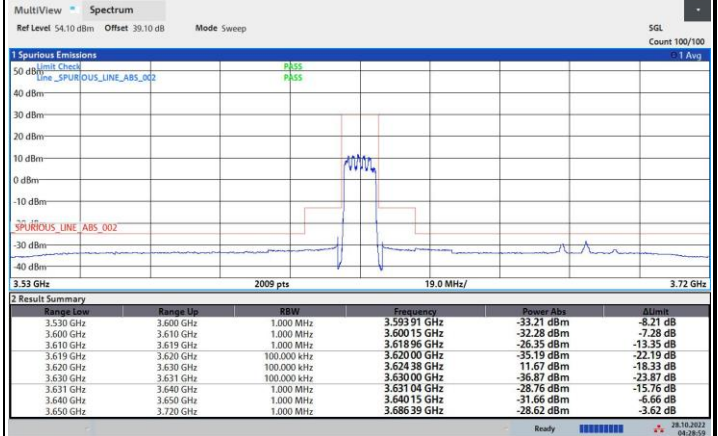
FR1 n48 / 10MHz / Middle Channel / MASK

QPSK



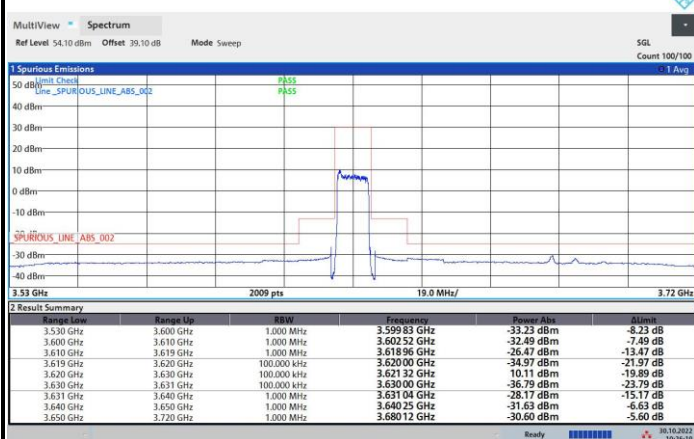
11:14:40 08.11.2022

16QAM



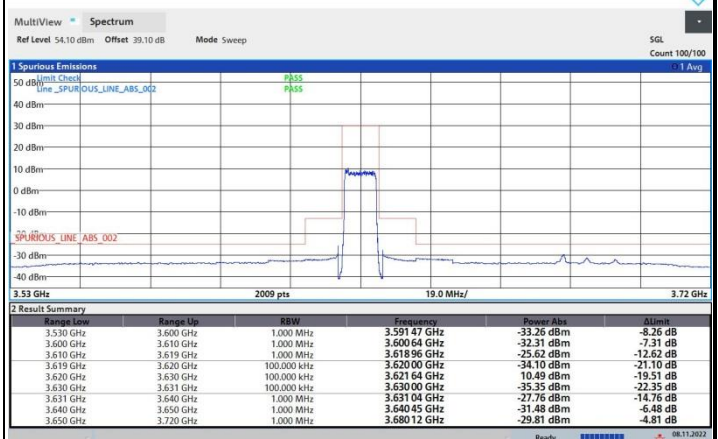
04:29:00 28.10.2022

64QAM



10:26:19 08.11.2022

256QAM

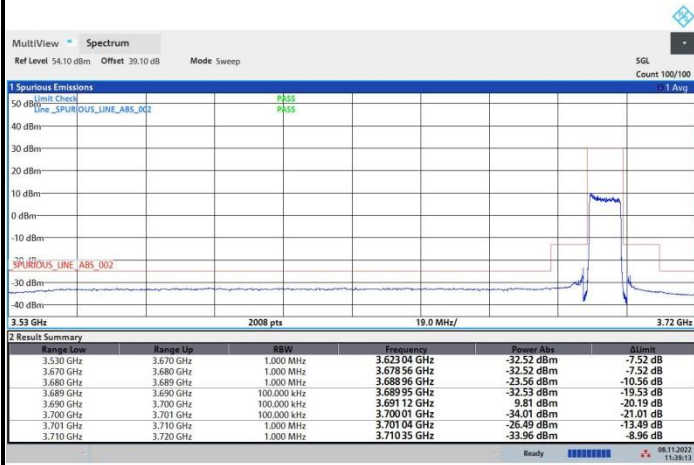


15:21:09 08.11.2022



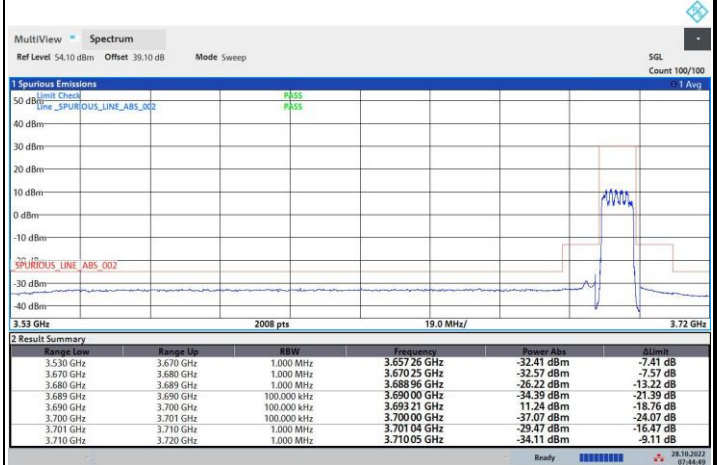
FR1 n48 / 10MHz / Highest Channel / MASK

QPSK



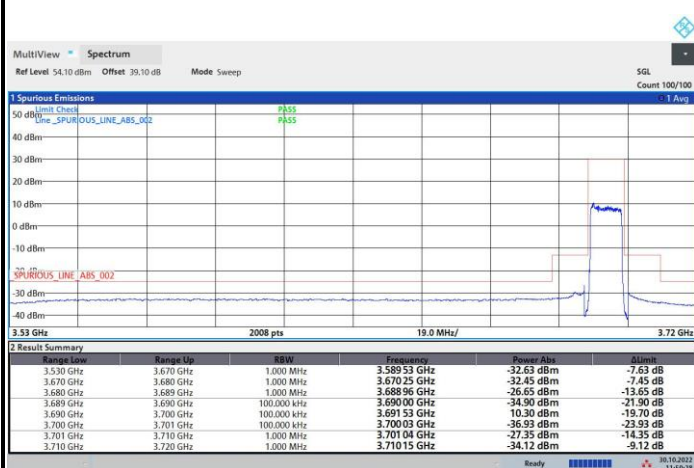
11:39:14 08.11.2022

16QAM



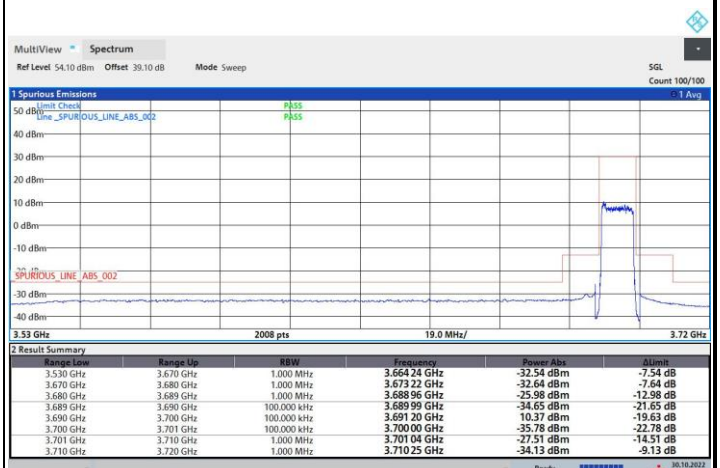
07:44:49 28.10.2022

64QAM



11:50:29 30.10.2022

256QAM

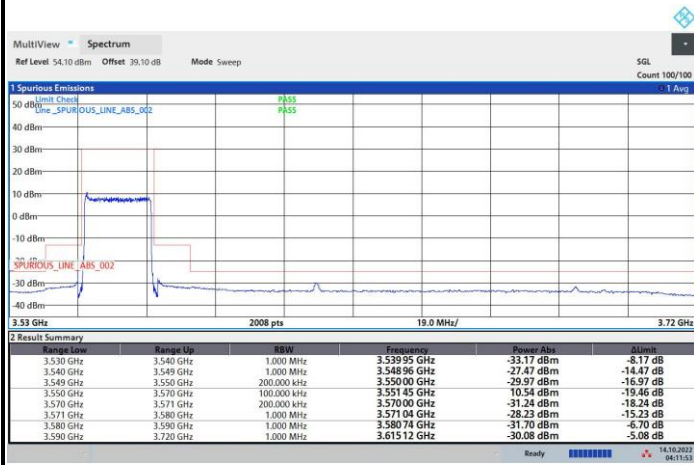


12:29:46 30.10.2022

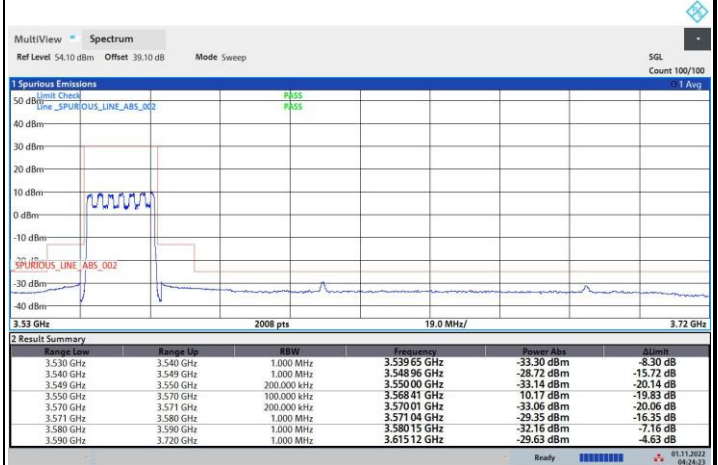


FR1 n48 / 20MHz / Lowest Channel / MASK

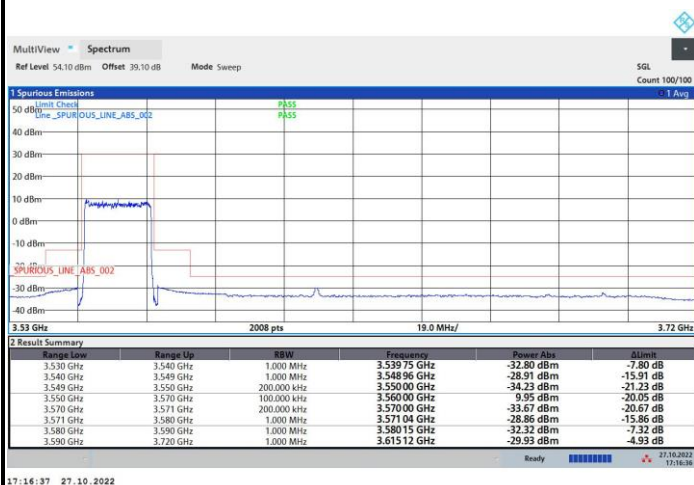
QPSK



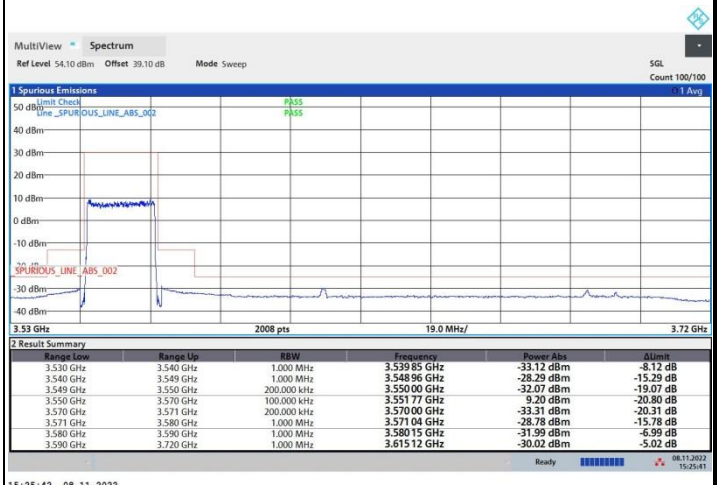
16QAM



64QAM



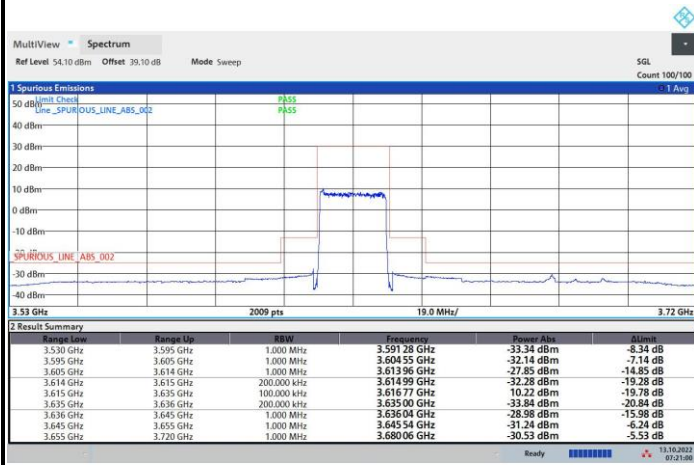
256QAM





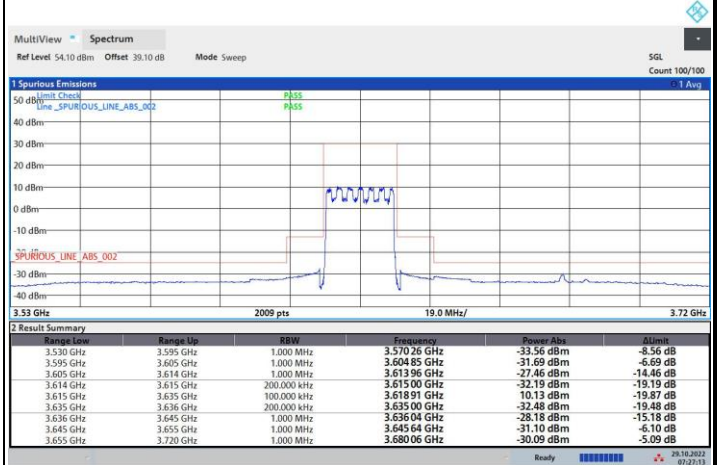
FR1 n48 / 20MHz / Middle Channel / MASK

QPSK



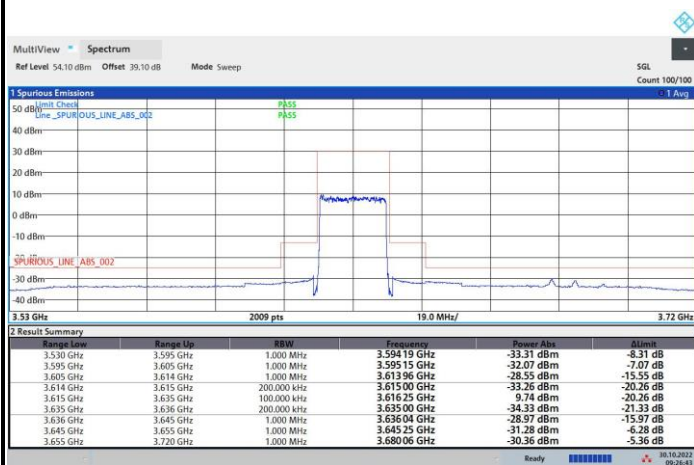
07:21:01 13.10.2022

16QAM



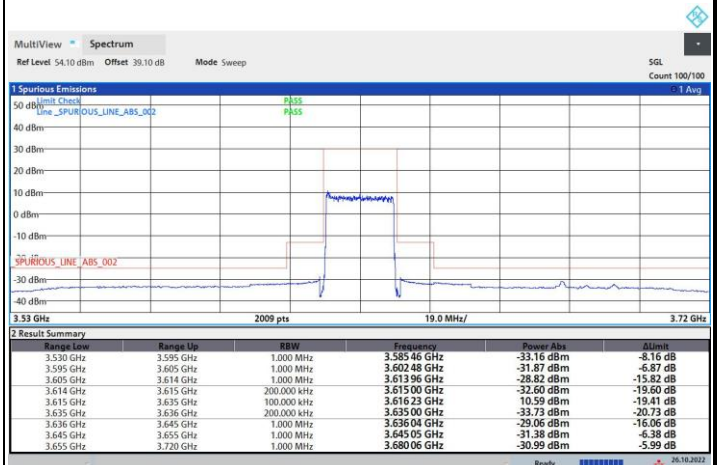
07:27:14 29.10.2022

64QAM



09:26:43 30.10.2022

256QAM

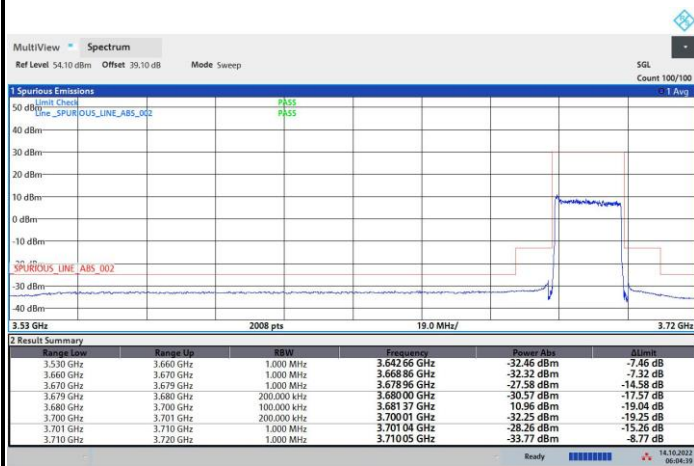


16:13:26 26.10.2022



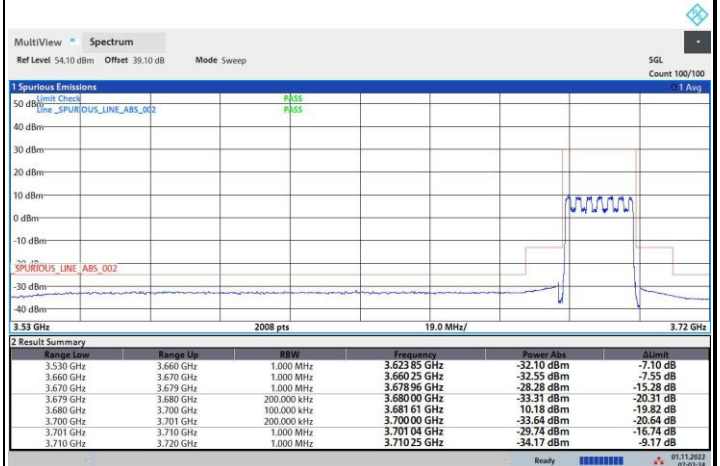
FR1 n48 / 20MHz / Highest Channel / MASK

QPSK



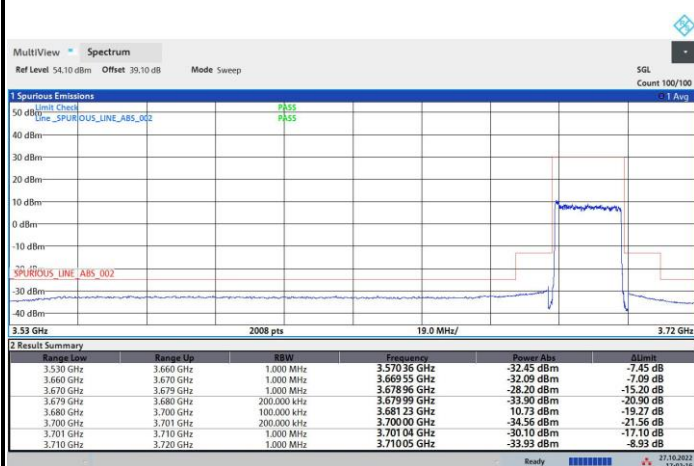
06:04:39 14.10.2022

16QAM



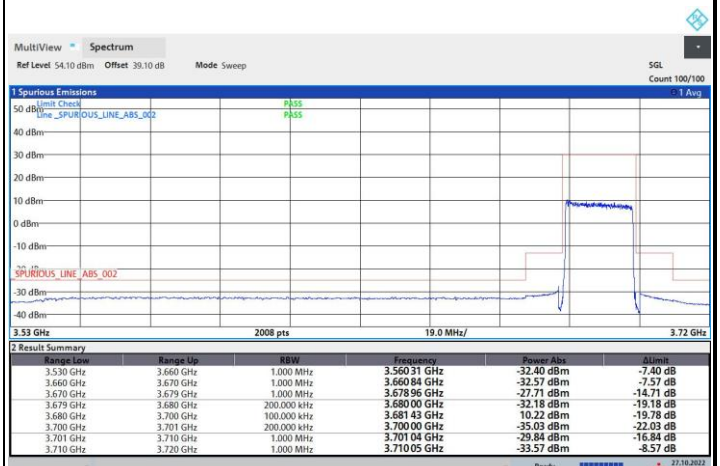
07:02:34 01.11.2022

64QAM



17:02:17 27.10.2022

256QAM



13:52:12 27.10.2022