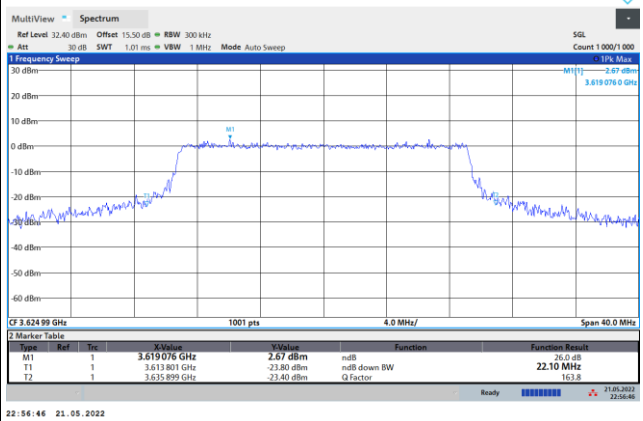
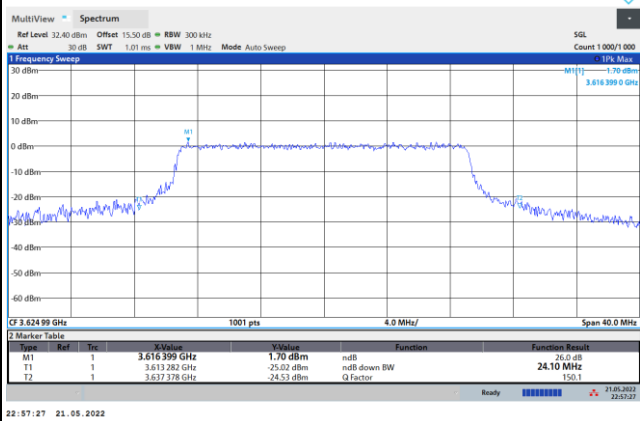




FR1 n48 / 20MHz / Middle Channel / 26dB BW

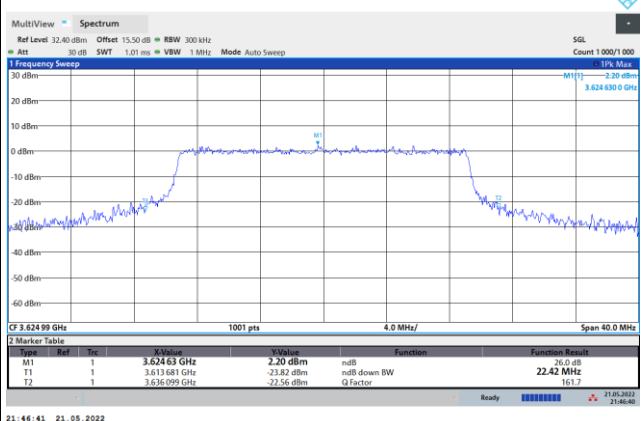
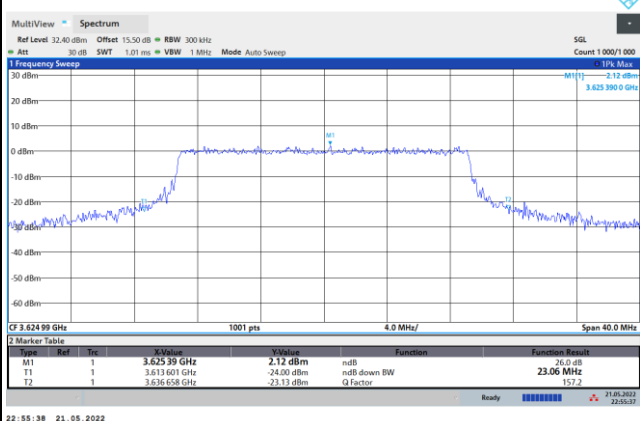
QPSK

16QAM



64QAM

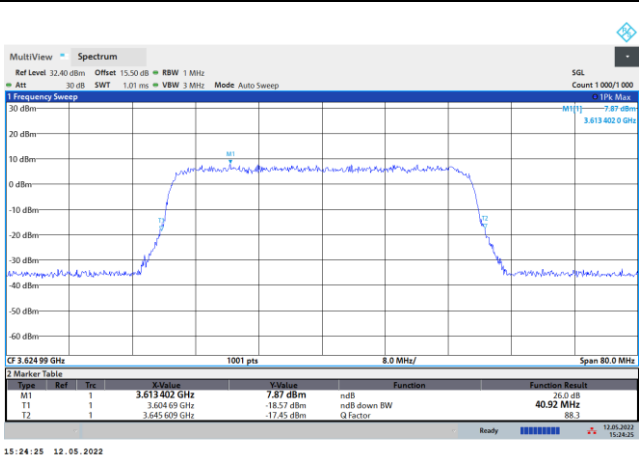
256QAM



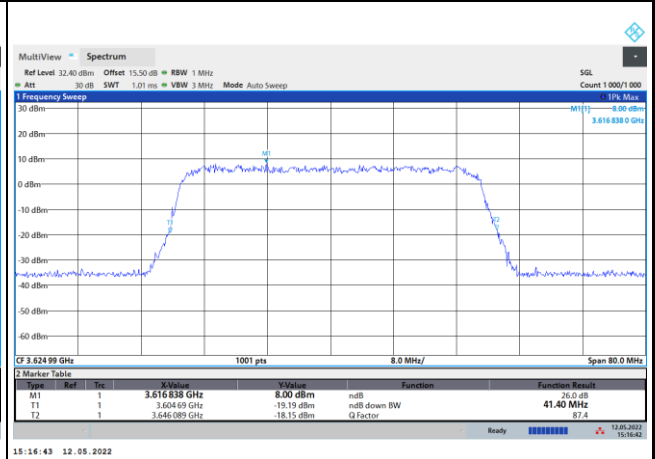


FR1 n48 / 40MHz / Middle Channel / 26dB BW

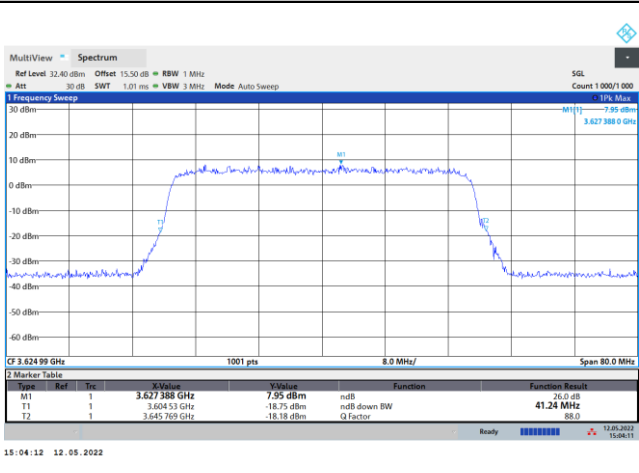
QPSK



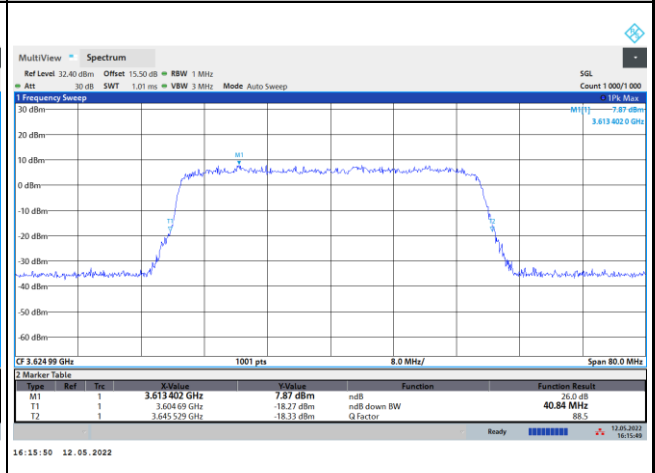
16QAM



64QAM



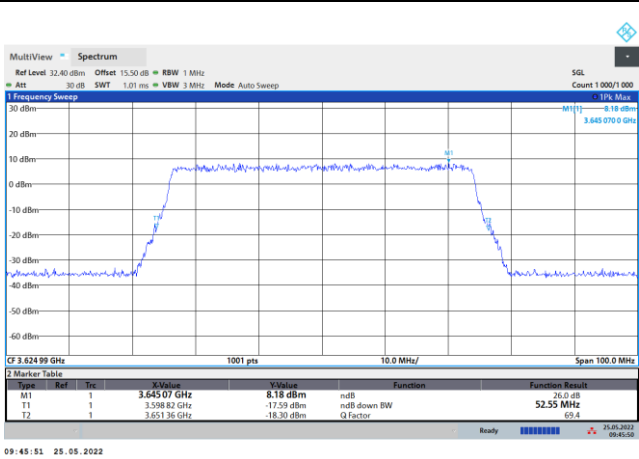
256QAM





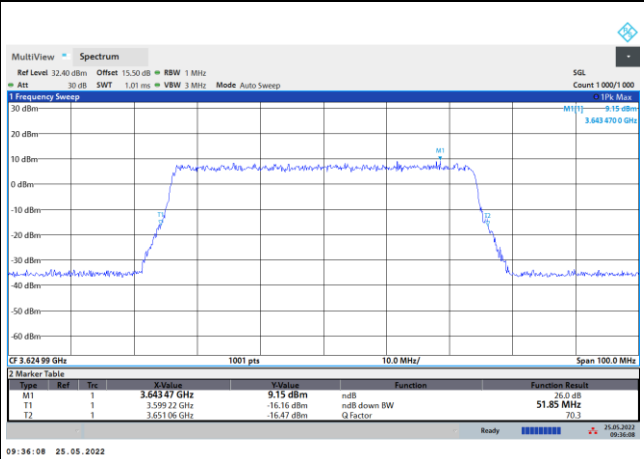
FR1 n48 / 50MHz / Middle Channel / 26dB BW

QPSK



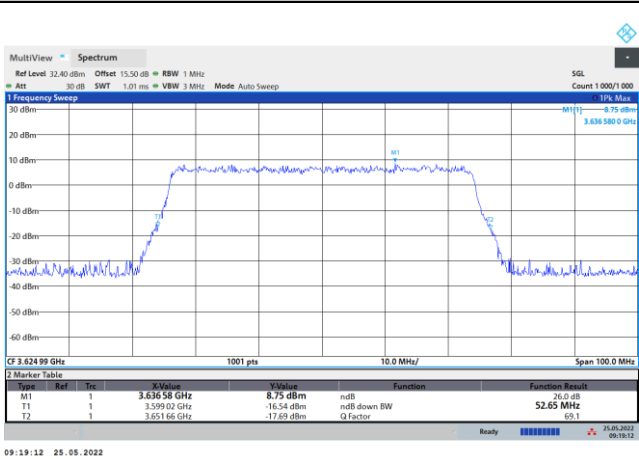
09:45:51 25.05.2022

16QAM



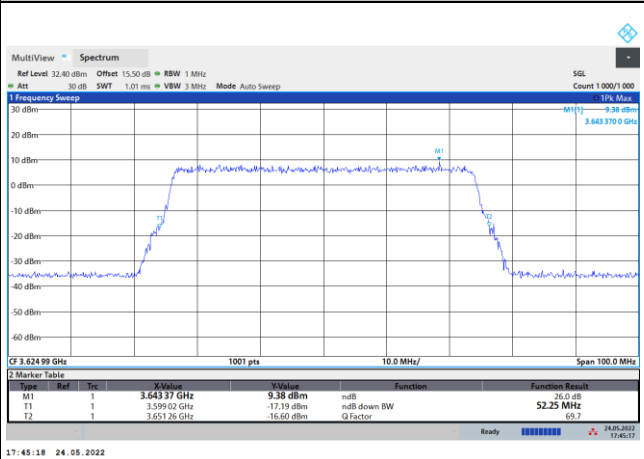
09:36:08 25.05.2022

64QAM



09:19:12 25.05.2022

256QAM

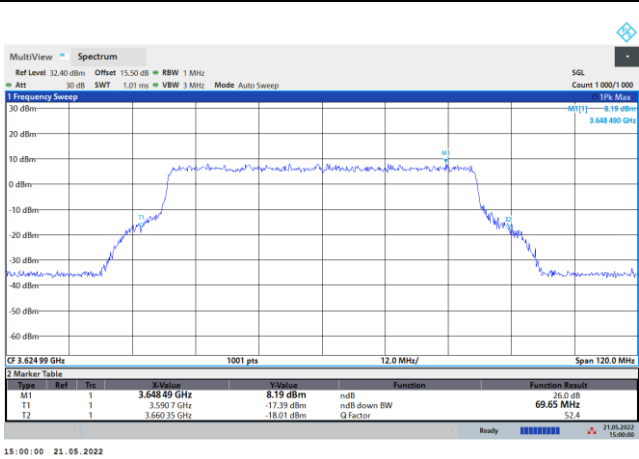


17:45:18 24.05.2022

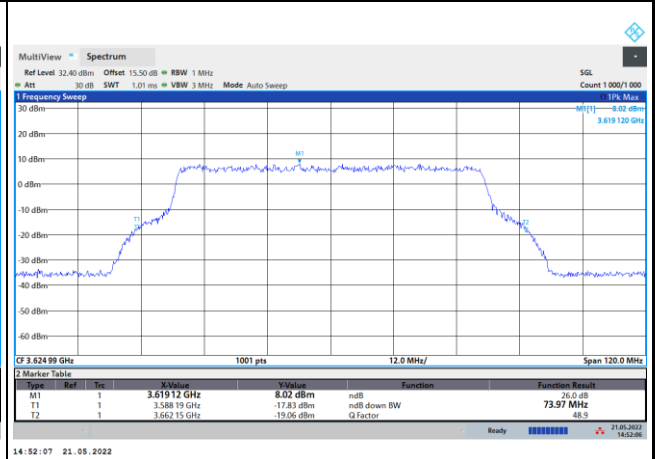


FR1 n48 / 60MHz / Middle Channel / 26dB BW

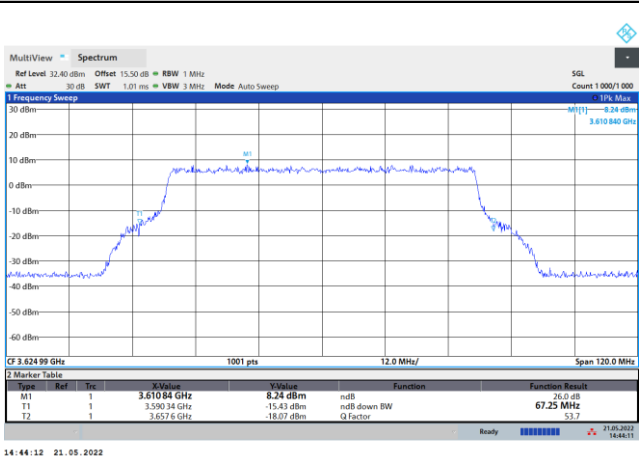
QPSK



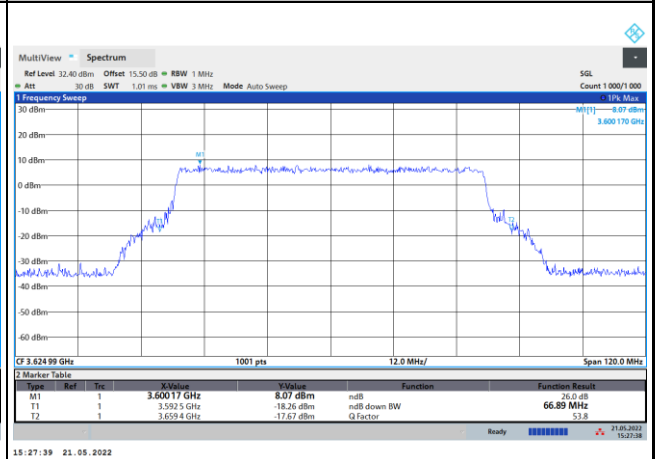
16QAM



64QAM



256QAM

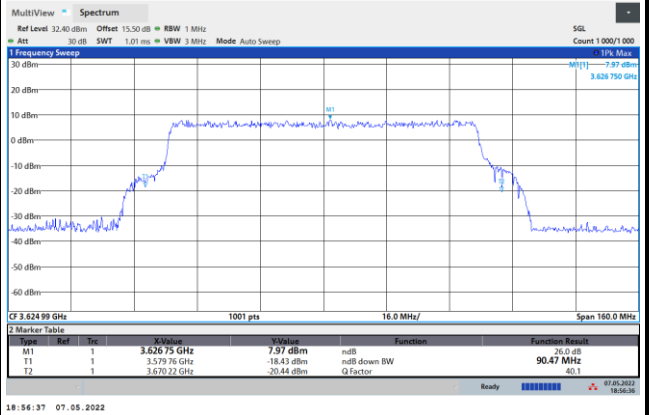
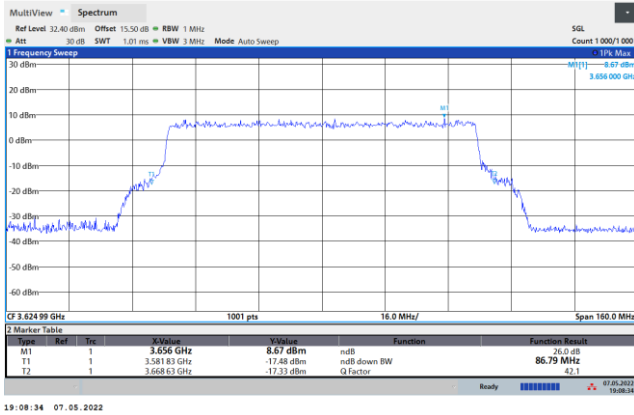




FR1 n48 / 80MHz / Middle Channel / 26dB BW

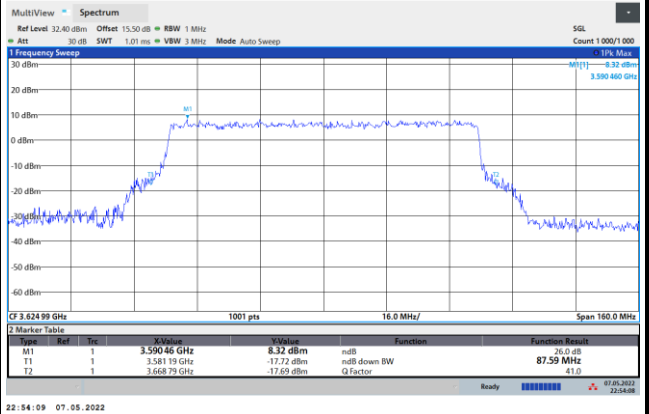
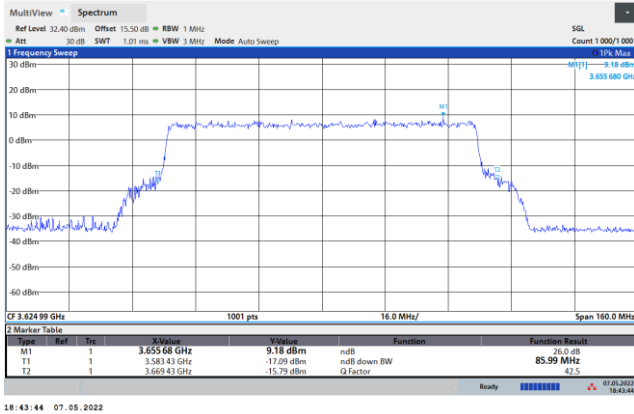
QPSK

16QAM



64QAM

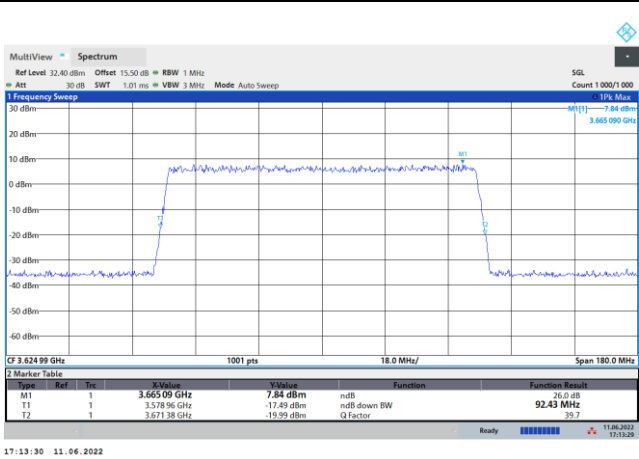
256QAM



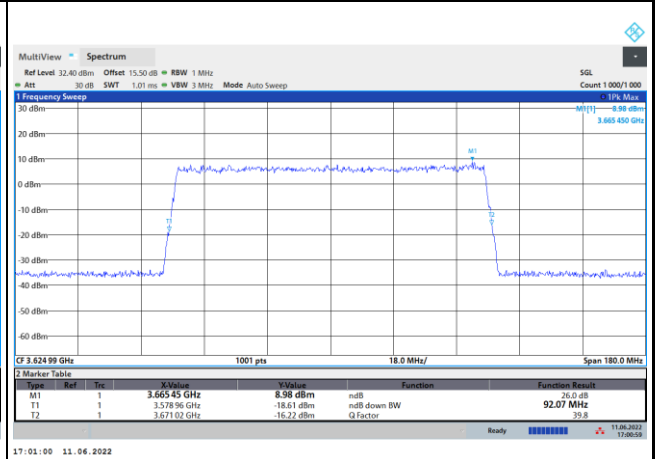


FR1 n48 / 90MHz / Middle Channel / 26dB BW

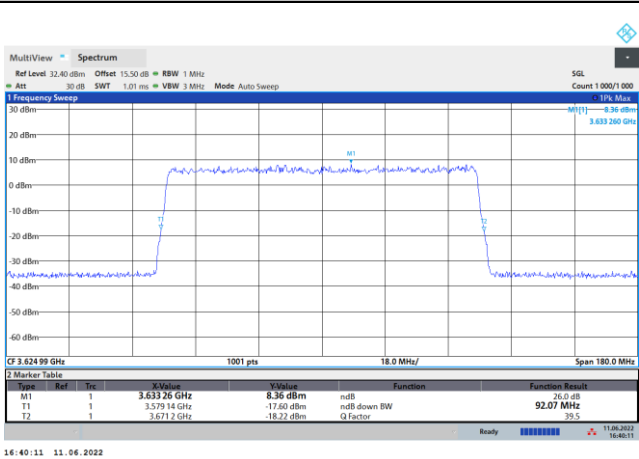
QPSK



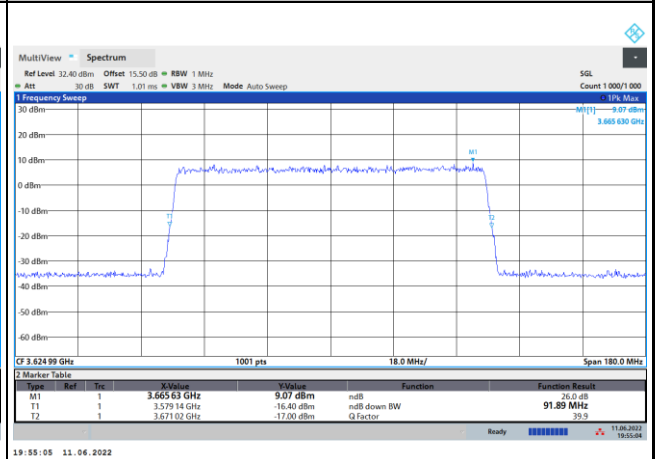
16QAM



64QAM



256QAM

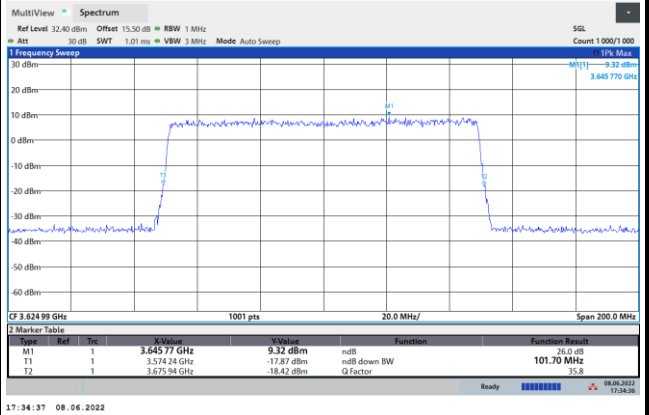
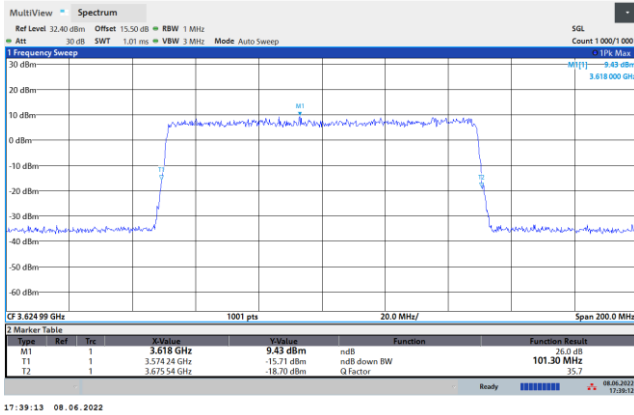




FR1 n48 / 100MHz / Middle Channel / 26dB BW

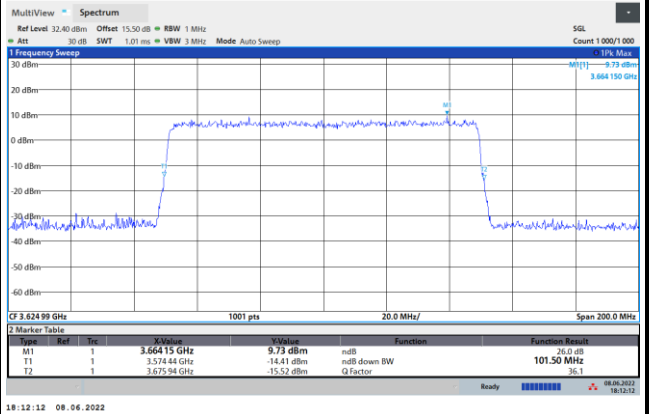
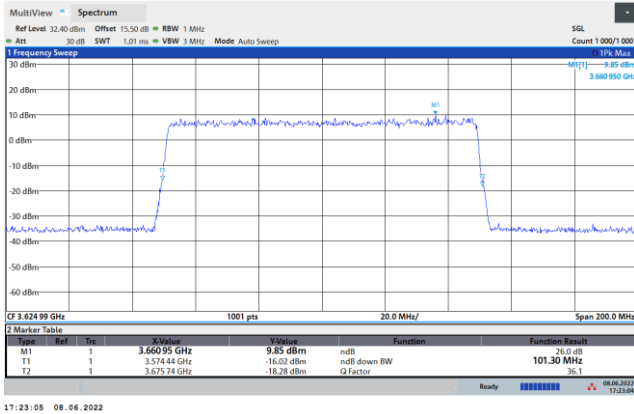
QPSK

16QAM



64QAM

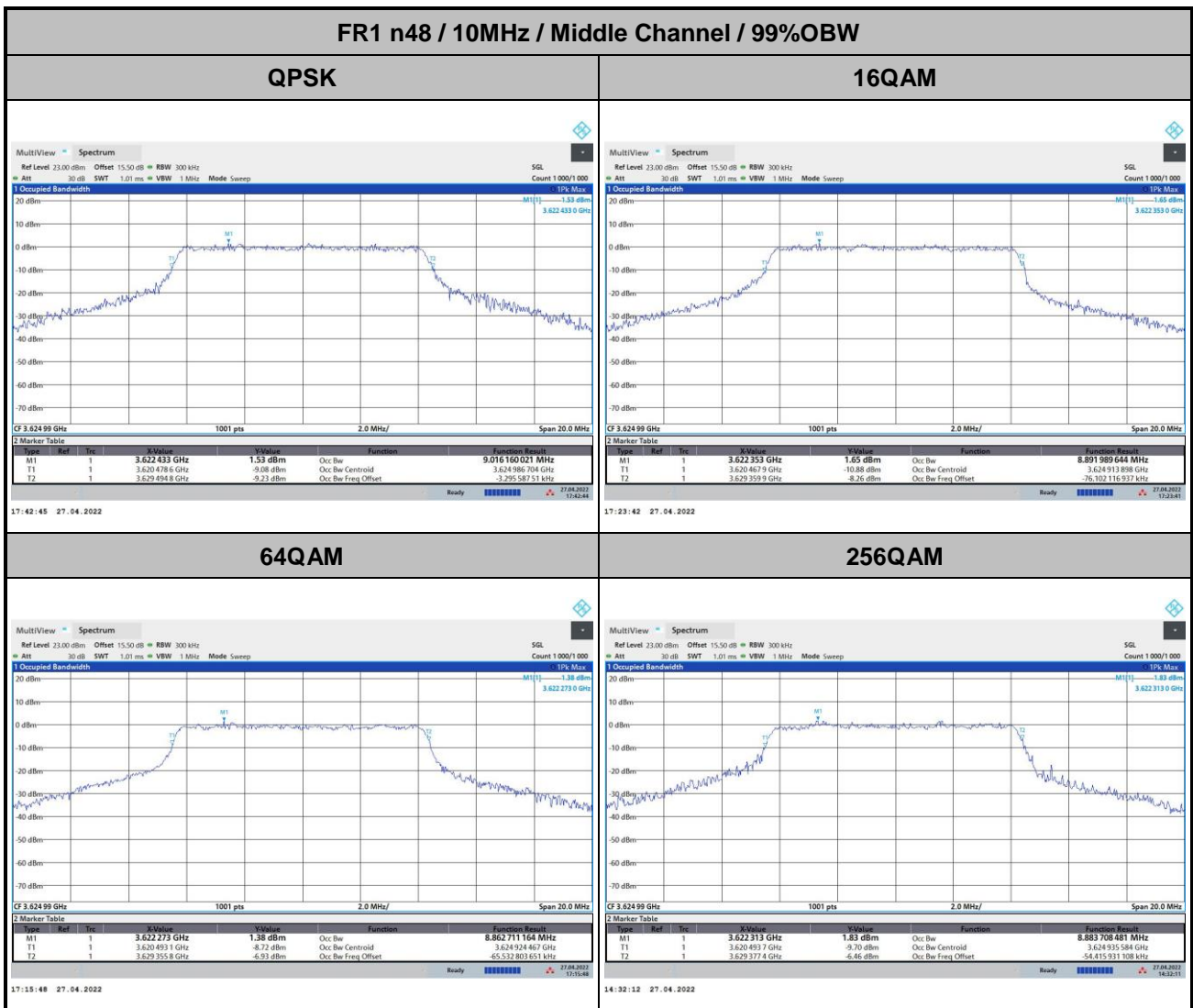
256QAM





Occupied Bandwidth

Mode	FR1 n48 : 99%OBW (MHz)							
	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	9.01	8.89	17.92	17.95	37.49	37.52	47.60	47.63
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.86	8.88	17.96	17.91	37.58	37.55	47.68	47.66
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	58.08	58.31	77.67	77.96	87.42	87.48	97.04	96.97
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	58.20	58.10	77.69	77.83	87.47	87.43	97.02	96.97

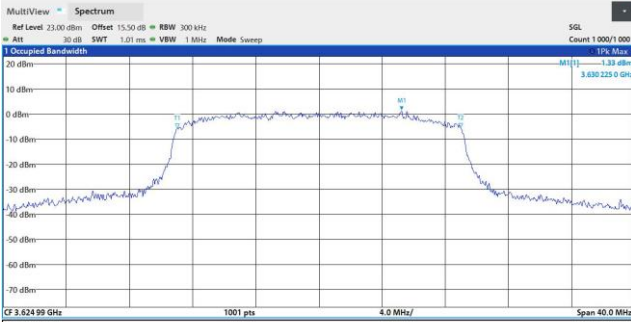




FR1 n48 / 20MHz / Middle Channel / 99%OBW

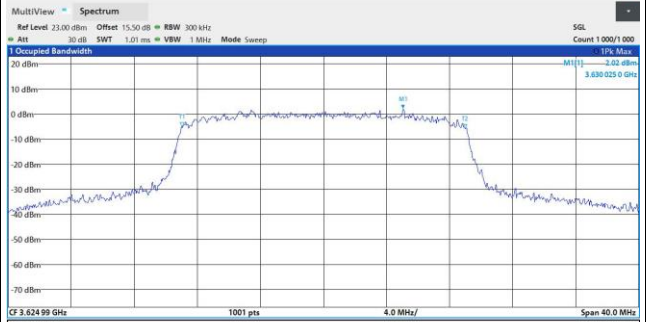
QPSK

16QAM



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.630225 GHz	1.33 dBm	Occ Bw	17.929954373 MHz
T1	1		3.6160243 GHz	-5.65 dBm	Occ Bw Centroid	-204.054933548 kHz
T2	1		3.6339543 GHz	-5.49 dBm	Occ Bw Freq Offset	

16:32:38 20.04.2022

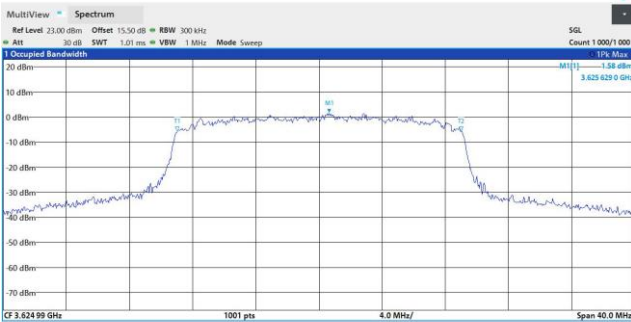


Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.630025 GHz	2.02 dBm	Occ Bw	17.950724586 MHz
T1	1		3.6160167 GHz	-5.02 dBm	Occ Bw Centroid	3.624992111 GHz
T2	1		3.6339675 GHz	-5.90 dBm	Occ Bw Freq Offset	2.110916135 kHz

16:47:46 20.04.2022

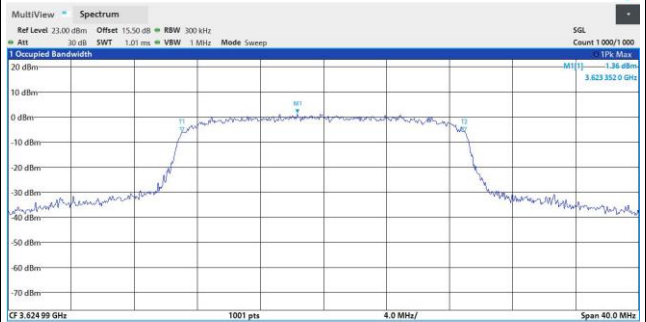
64QAM

256QAM



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.625629 GHz	1.58 dBm	Occ Bw	17.963960091 MHz
T1	1		3.6160191 GHz	-5.56 dBm	Occ Bw Centroid	3.625001059 GHz
T2	1		3.633983 GHz	-5.75 dBm	Occ Bw Freq Offset	11.059431172 kHz

17:06:54 20.04.2022



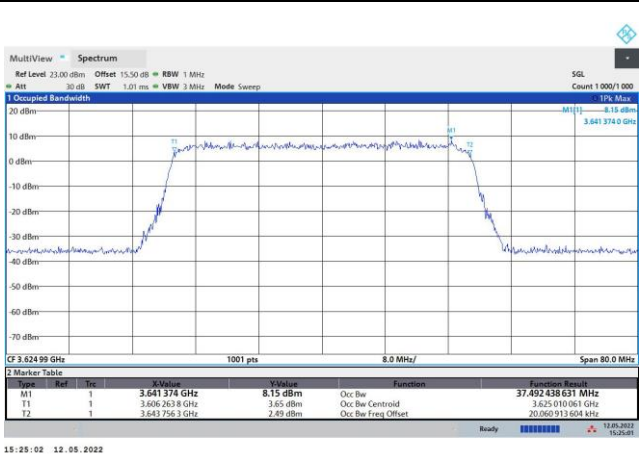
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.623352 GHz	1.36 dBm	Occ Bw	17.916824281 MHz
T1	1		3.6160134 GHz	-5.92 dBm	Occ Bw Centroid	3.624971805 GHz
T2	1		3.6339302 GHz	-5.85 dBm	Occ Bw Freq Offset	-18.195104481 kHz

18:23:03 20.04.2022



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

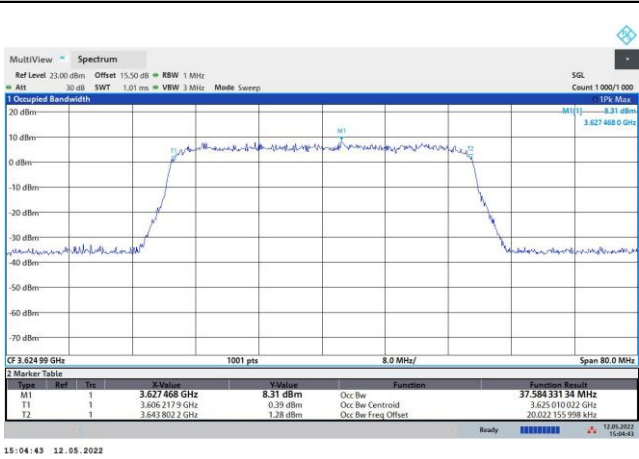
QPSK



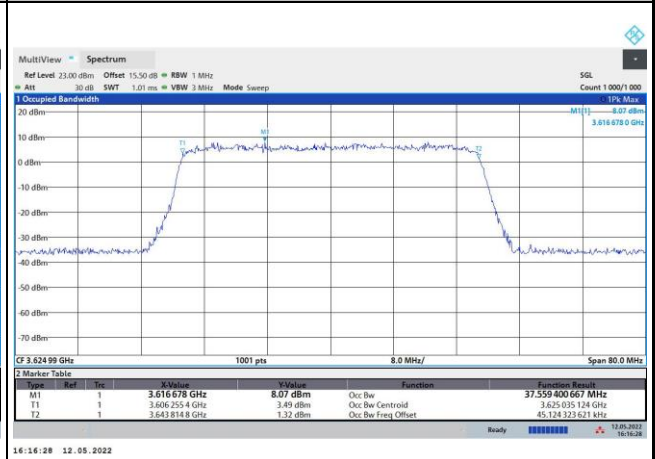
16QAM



64QAM



256QAM



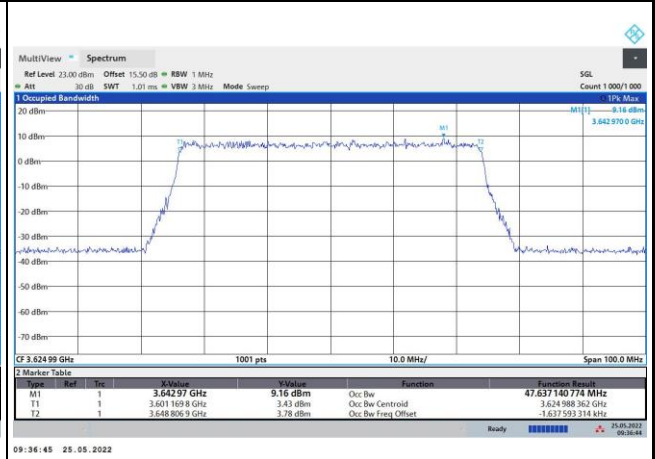


FR1 n48 / 50MHz / Middle Channel / 99%OBW

QPSK



16QAM



64QAM



256QAM

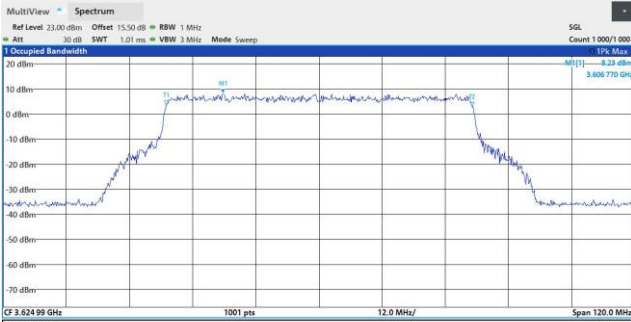




FR1 n48 / 60MHz / Middle Channel / 99%OBW

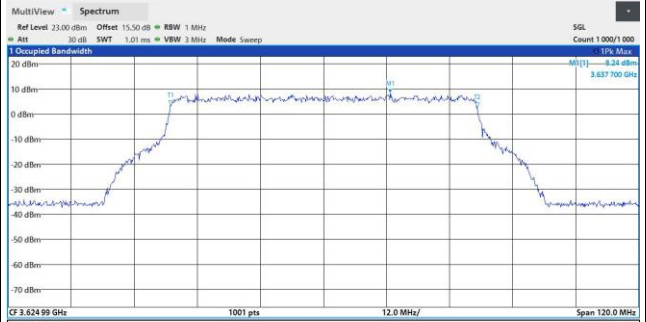
QPSK

16QAM



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.60677 GHz	8.23 dBm	Occ Bw	58.061041879 MHz
T1	1		3.59609 GHz	3.60 dBm	Occ Bw Centroid	3.625149323 GHz
T2	1		3.65409 GHz	2.83 dBm	Occ Bw Freq Offset	58.928674923 kHz

15:00:36 21.05.2022

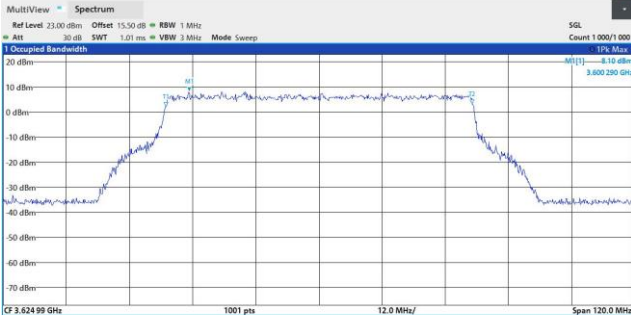


Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.6377 GHz	8.24 dBm	Occ Bw	58.315340799 MHz
T1	1		3.59591 GHz	3.46 dBm	Occ Bw Centroid	3.625167516 GHz
T2	1		3.654225 GHz	2.67 dBm	Occ Bw Freq Offset	77.515922884 kHz

14:52:38 21.05.2022

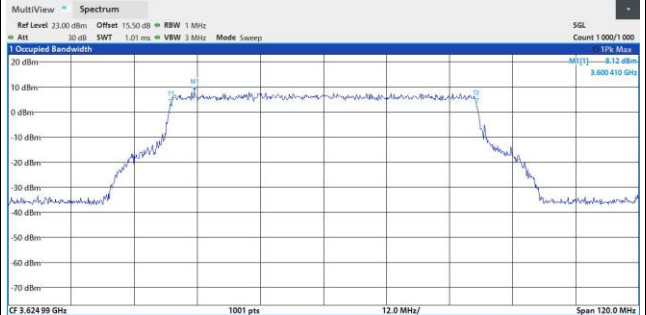
64QAM

256QAM



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.60029 GHz	8.10 dBm	Occ Bw	58.202854361 MHz
T1	1		3.595913 GHz	2.05 dBm	Occ Bw Centroid	3.625014691 GHz
T2	1		3.654116 GHz	3.05 dBm	Occ Bw Freq Offset	24.691235715 kHz

14:44:49 21.05.2022



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.60041 GHz	8.12 dBm	Occ Bw	58.100910564 MHz
T1	1		3.595957 GHz	3.40 dBm	Occ Bw Centroid	3.62500767 GHz
T2	1		3.654058 GHz	3.71 dBm	Occ Bw Freq Offset	17.67004689 kHz

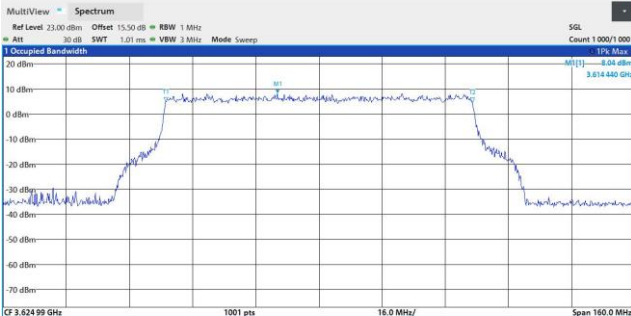
15:29:36 21.05.2022



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

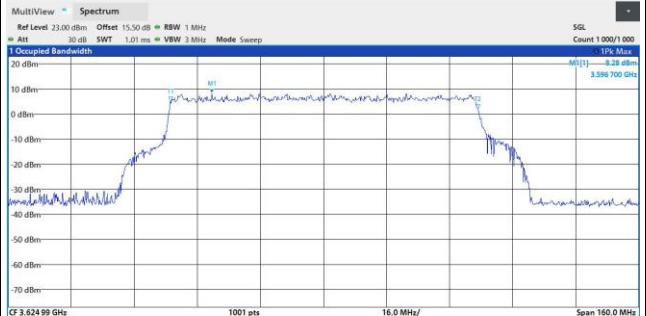
QPSK

16QAM



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.614 44 GHz	8.04 dBm	Occ Bw	77.674 949 623 MHz
T1	1		3.586 2 GHz	4.88 dBm	Occ Bw Centroid	3.625 037 009 GHz
T2	1		3.663 874 GHz	4.68 dBm	Occ Bw Freq Offset	47.009 315 733 kHz

19:09:11 07.05.2022

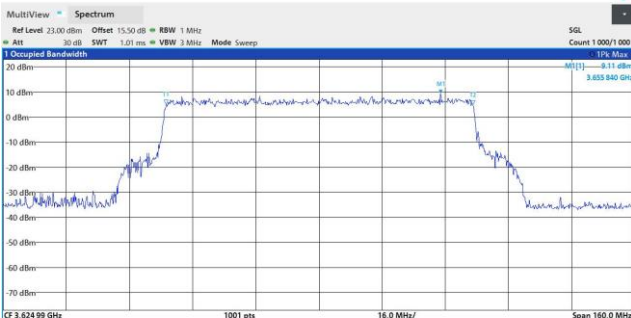


Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.596 7 GHz	8.28 dBm	Occ Bw	77.560 236 717 MHz
T1	1		3.586 215 GHz	5.01 dBm	Occ Bw Centroid	3.625 194 771 GHz
T2	1		3.664 175 GHz	1.87 dBm	Occ Bw Freq Offset	205.770 603 811 kHz

18:57:18 07.05.2022

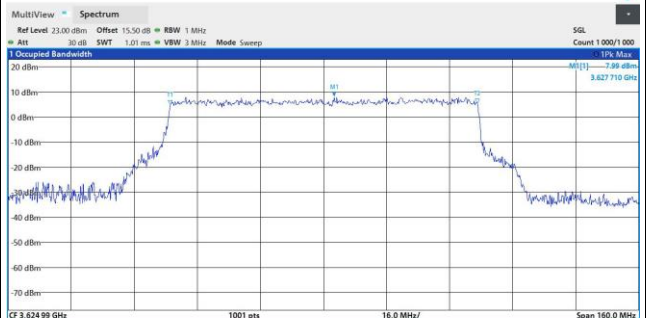
64QAM

256QAM



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.655 84 GHz	9.11 dBm	Occ Bw	77.693 894 165 MHz
T1	1		3.586 264 GHz	5.13 dBm	Occ Bw Centroid	3.625 110 525 GHz
T2	1		3.663 957 GHz	4.81 dBm	Occ Bw Freq Offset	120.525 203 833 kHz

18:44:23 07.05.2022



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.627 71 GHz	7.99 dBm	Occ Bw	77.837 859 968 MHz
T1	1		3.586 149 GHz	4.83 dBm	Occ Bw Centroid	3.625 067 636 GHz
T2	1		3.663 987 GHz	5.40 dBm	Occ Bw Freq Offset	77.635 680 411 kHz

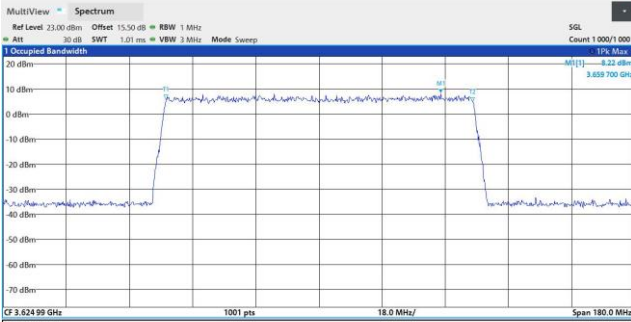
22:53:30 07.05.2022



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

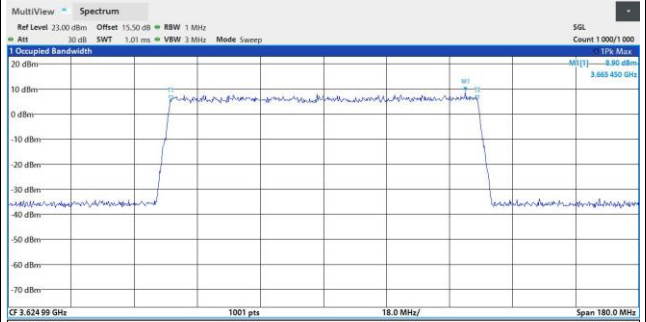
QPSK

16QAM



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.6597 GHz	8.22 dBm	Occ Bw	87.423 004 394 MHz
T1	1		3.581 388 GHz	5.86 dBm	Occ Bw Centroid	3.625 099 935 GHz
T2	1		3.668 811 GHz	4.86 dBm	Occ Bw Freq Offset	100.925 486 583 kHz

17:13:58 11.06.2022

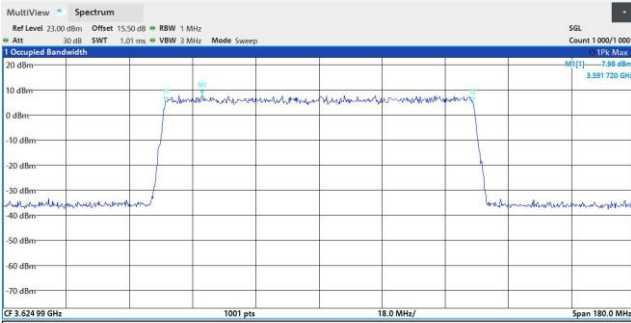


Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.66545 GHz	8.90 dBm	Occ Bw	87.488 716 141 MHz
T1	1		3.581 366 GHz	5.48 dBm	Occ Bw Centroid	3.625 110 769 GHz
T2	1		3.668 855 GHz	5.64 dBm	Occ Bw Freq Offset	120.768 872 92 kHz

17:02:49 11.06.2022

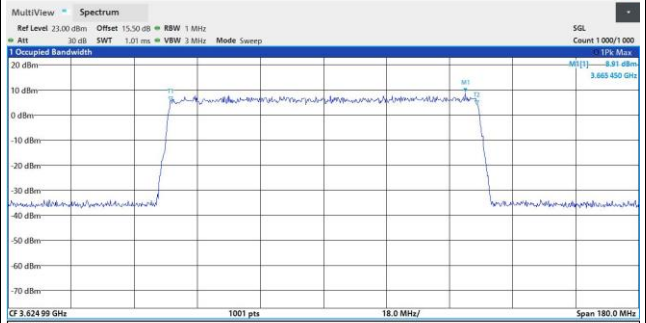
64QAM

256QAM



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.59122 GHz	7.98 dBm	Occ Bw	87.471 555 296 MHz
T1	1		3.581 314 GHz	5.32 dBm	Occ Bw Centroid	3.625 049 913 GHz
T2	1		3.668 786 GHz	5.24 dBm	Occ Bw Freq Offset	59.912 627 123 kHz

16:42:18 11.06.2022



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.66545 GHz	8.91 dBm	Occ Bw	87.430 100 858 MHz
T1	1		3.581 374 GHz	5.44 dBm	Occ Bw Centroid	3.625 089 395 GHz
T2	1		3.668 804 GHz	4.09 dBm	Occ Bw Freq Offset	99.394 920 527 kHz

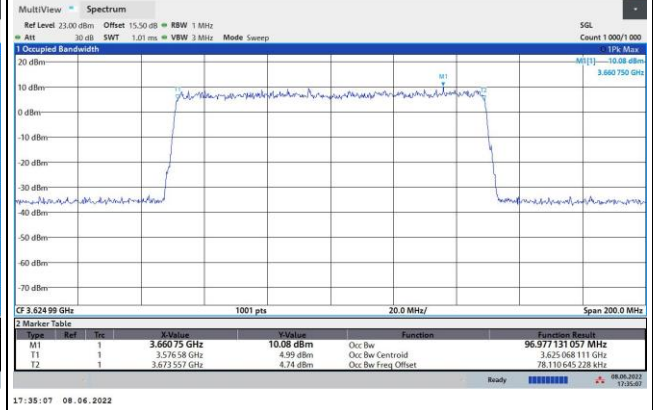
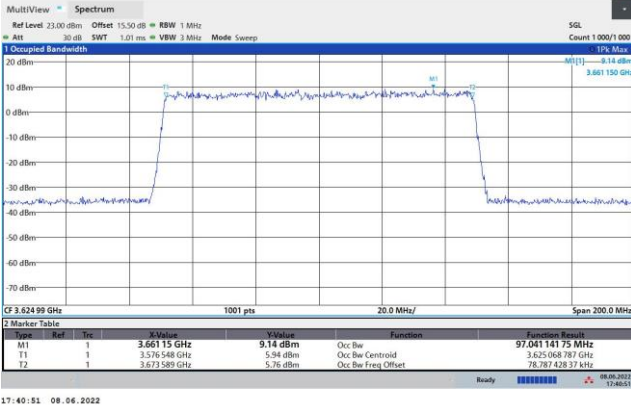
19:55:24 11.06.2022



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

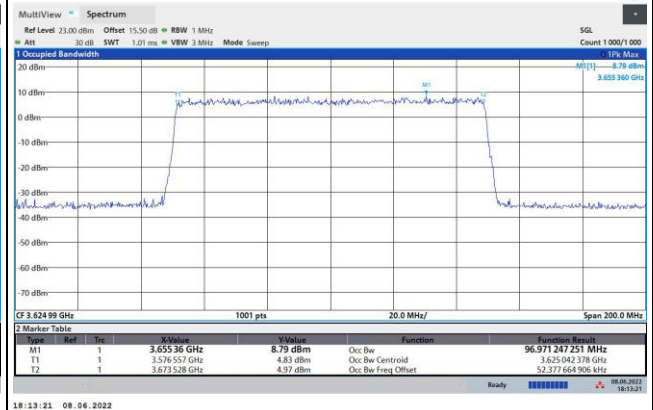
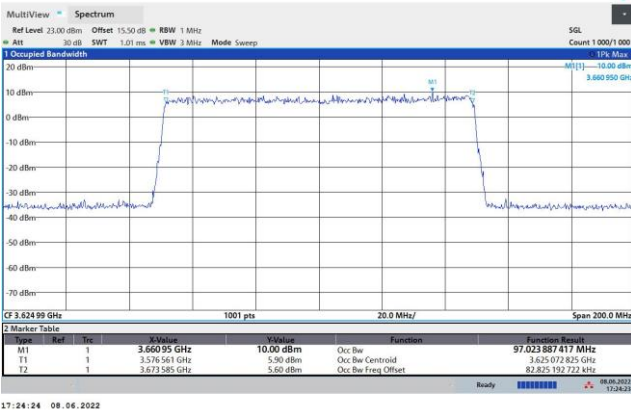
QPSK

16QAM



64QAM

256QAM



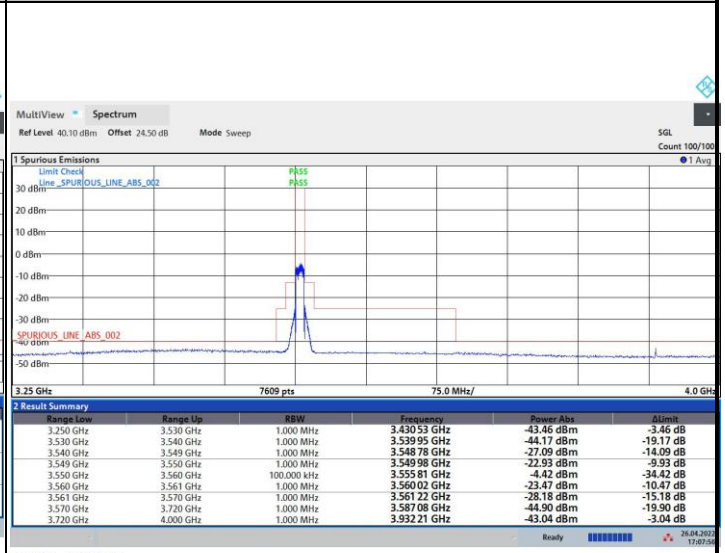
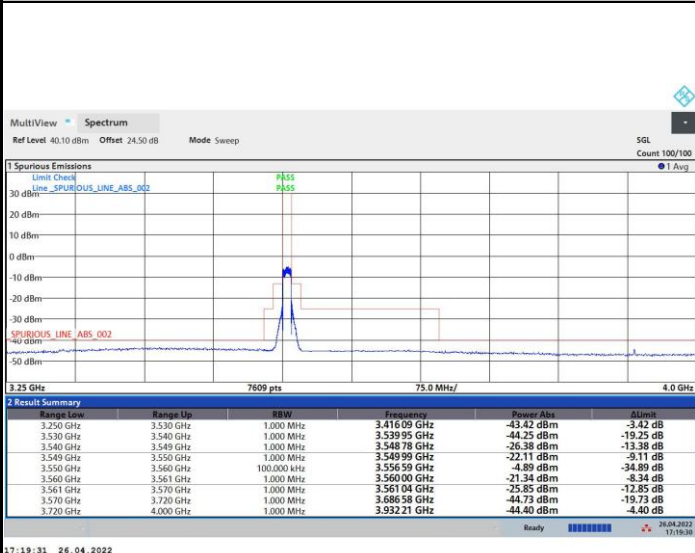


Unwanted Emission (MASK)

FR1 n48 / 10MHz / Lowest Channel / MASK

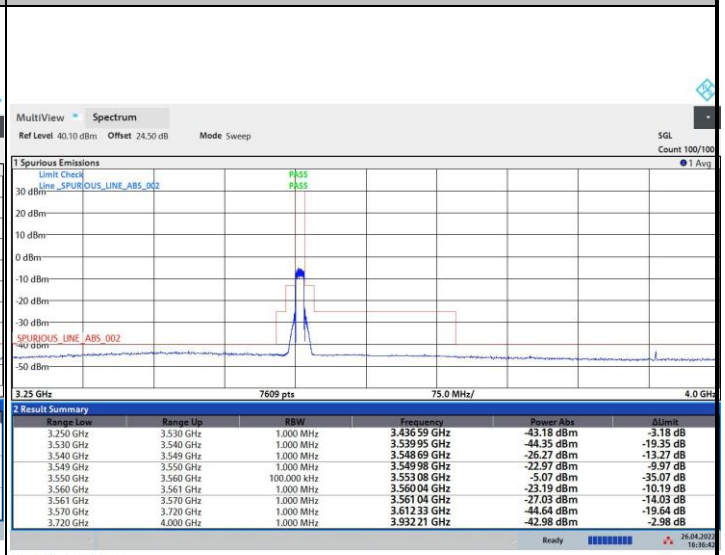
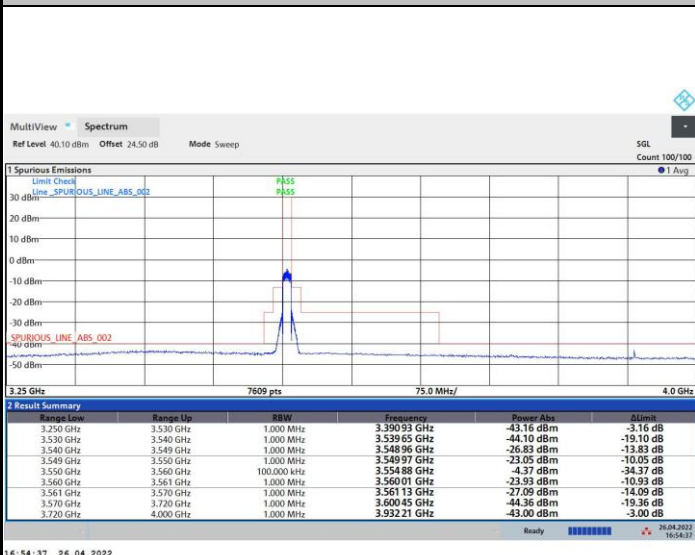
QPSK

16QAM



64QAM

256QAM

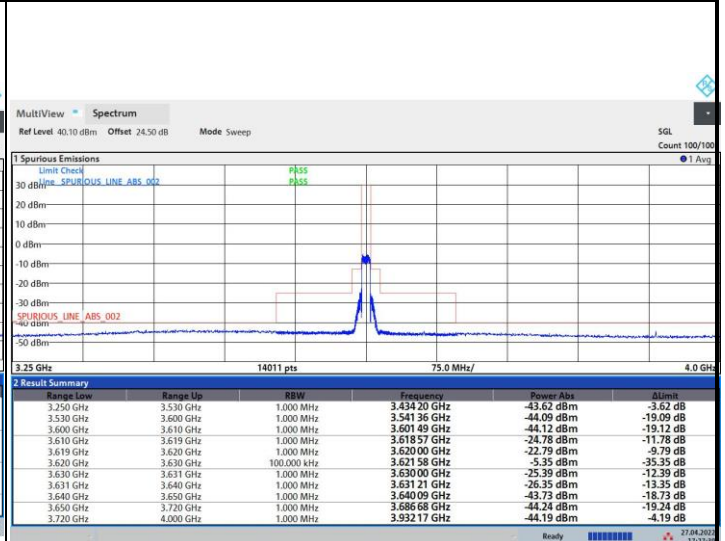
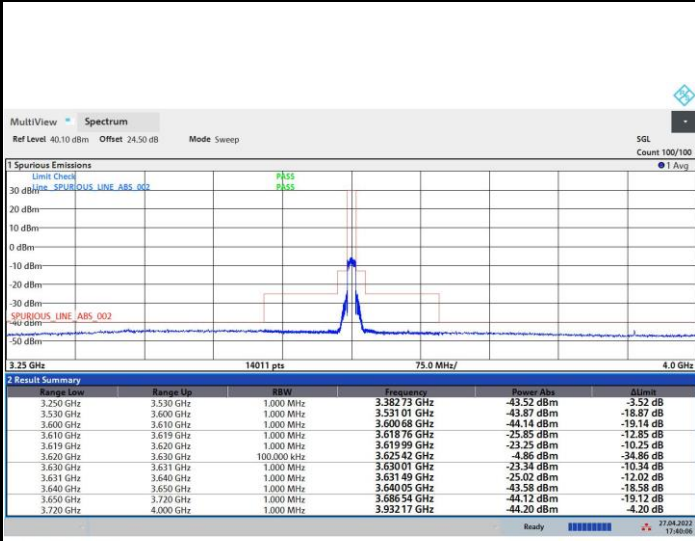




FR1 n48 / 10MHz / Middle Channel / MASK

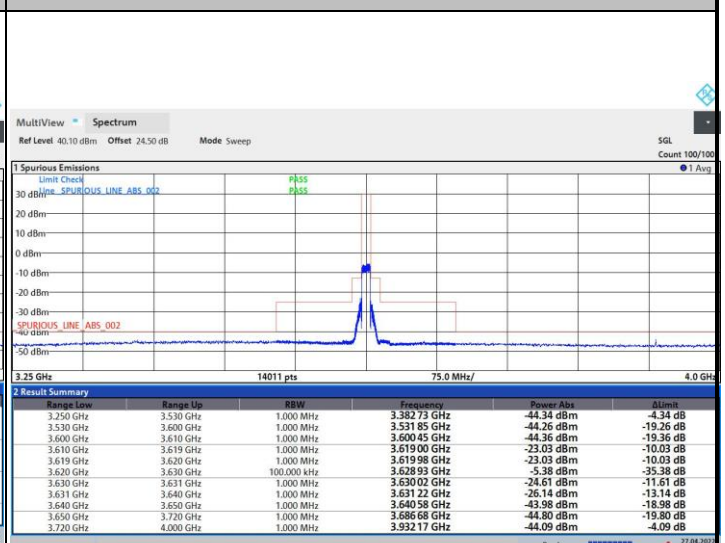
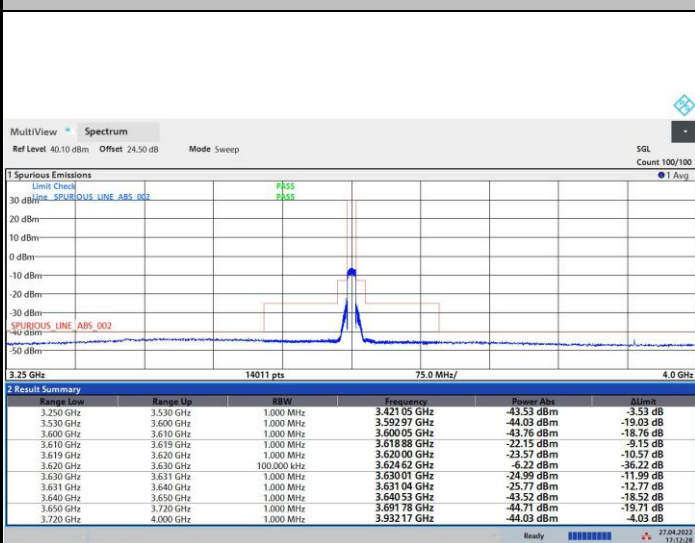
QPSK

16QAM



64QAM

256QAM

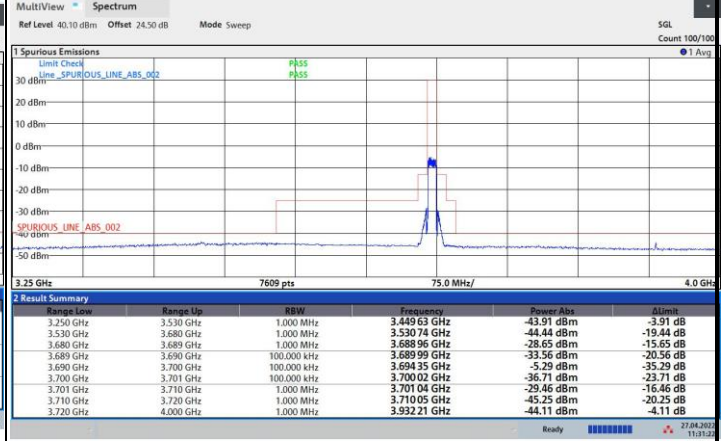
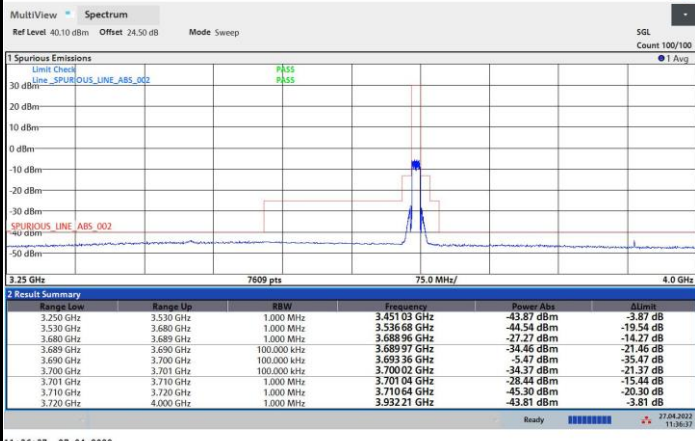




FR1 n48 / 10MHz / Highest Channel / MASK

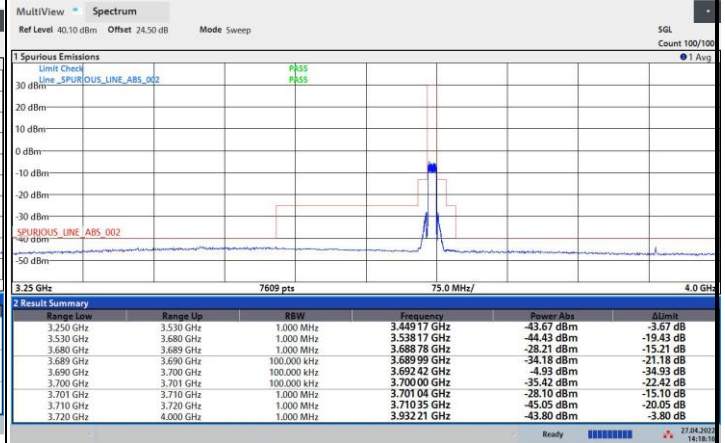
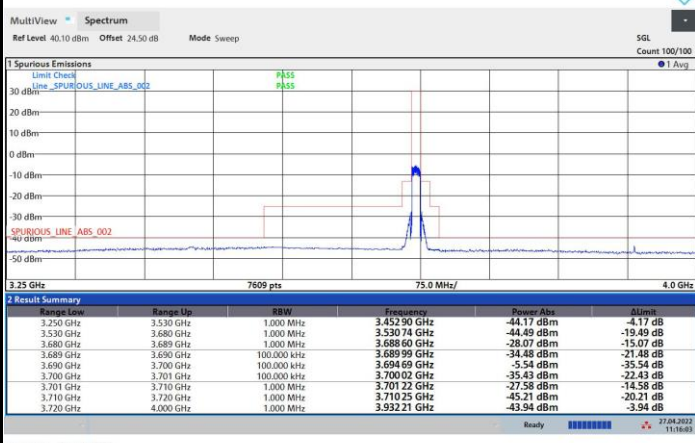
QPSK

16QAM



64QAM

256QAM

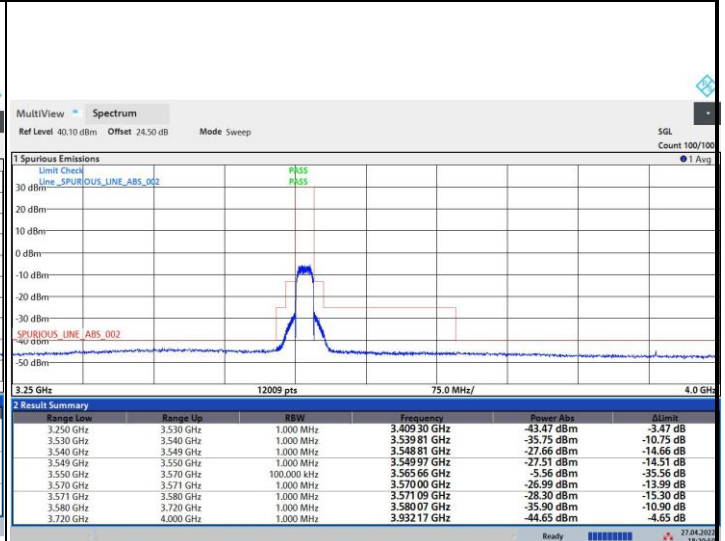
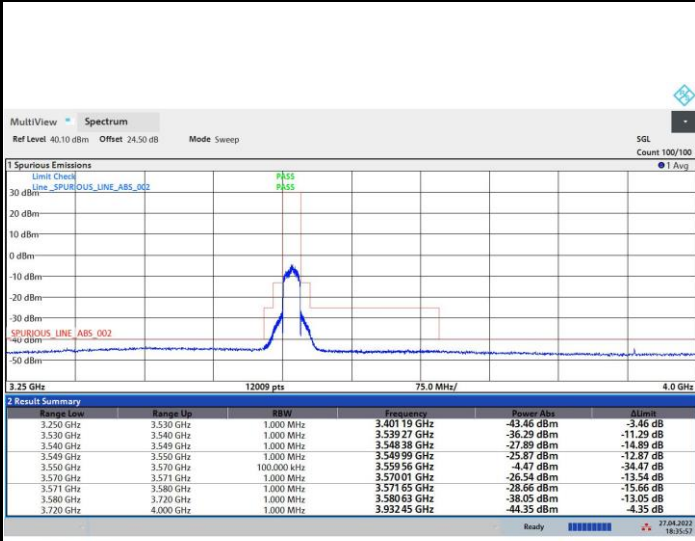




FR1 n48 / 20MHz / Lowest Channel / MASK

QPSK

16QAM

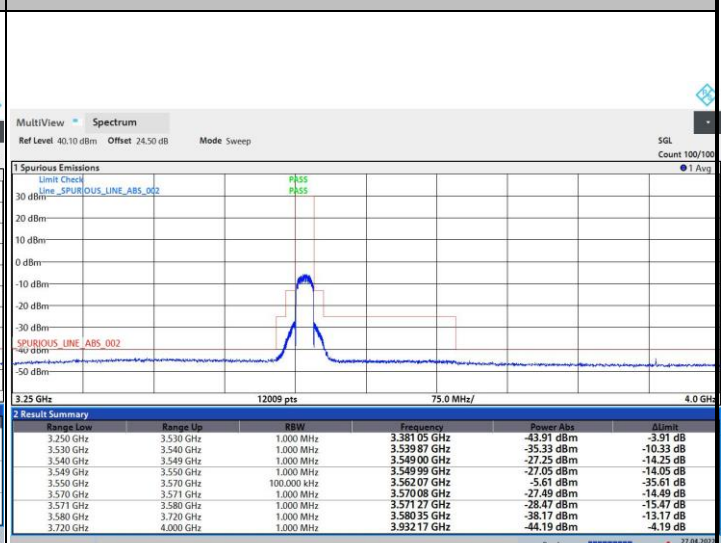
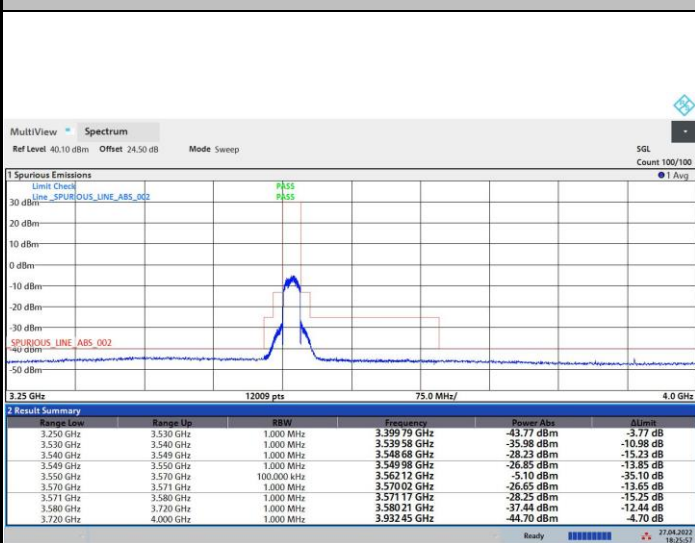


18:35:57 27.04.2022

18:20:52 27.04.2022

64QAM

256QAM



18:25:58 27.04.2022

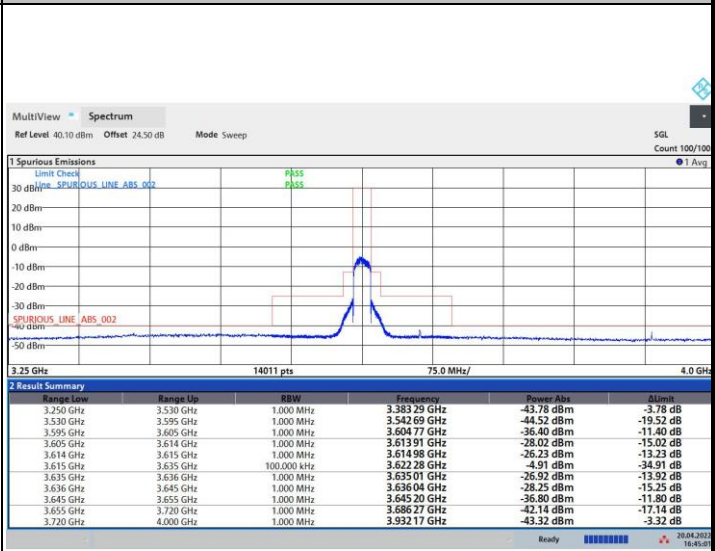
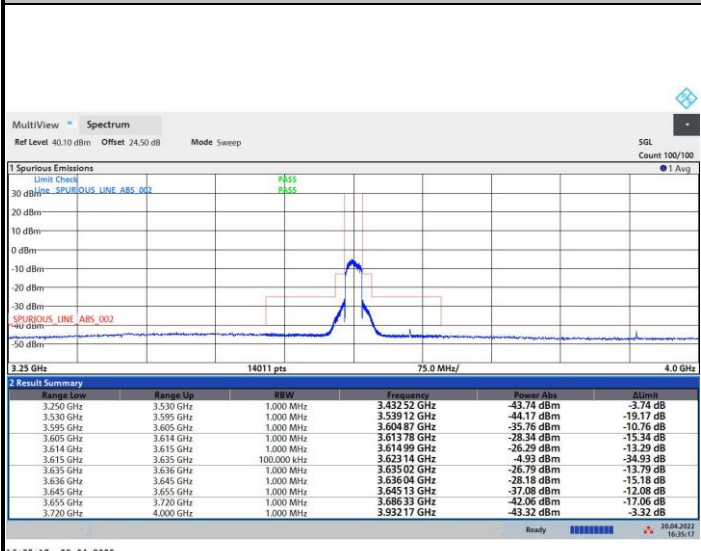
21:48:07 27.04.2022



FR1 n48 / 20MHz / Middle Channel / MASK

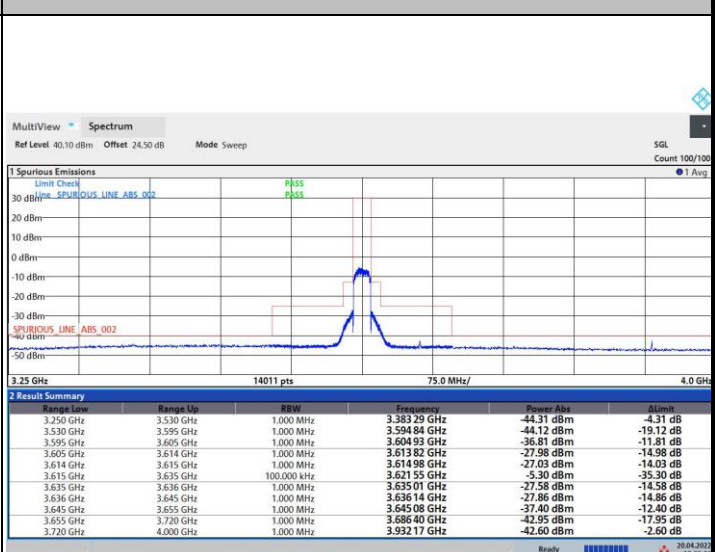
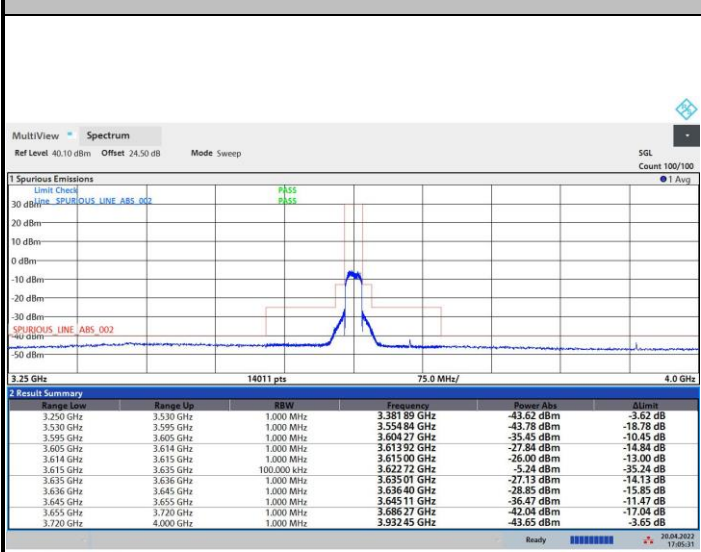
QPSK

16QAM



64QAM

256QAM

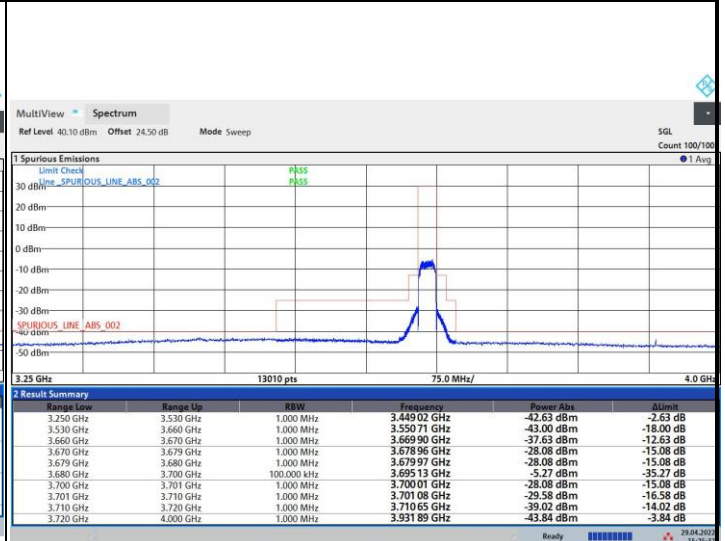
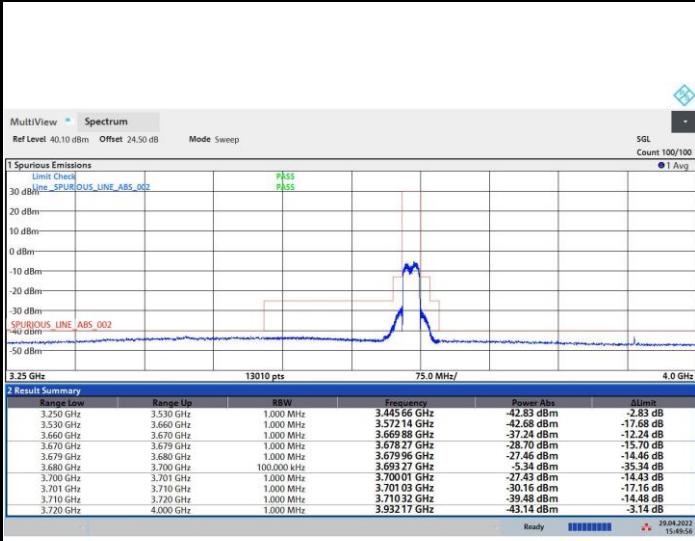




FR1 n48 / 20MHz / Highest Channel / MASK

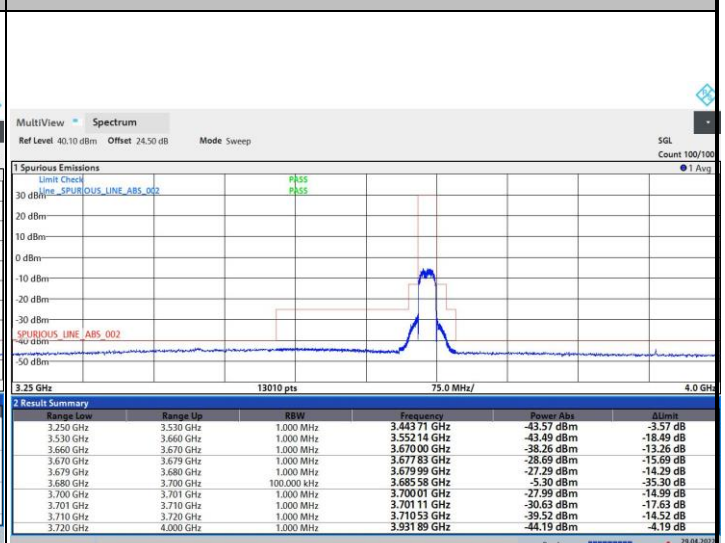
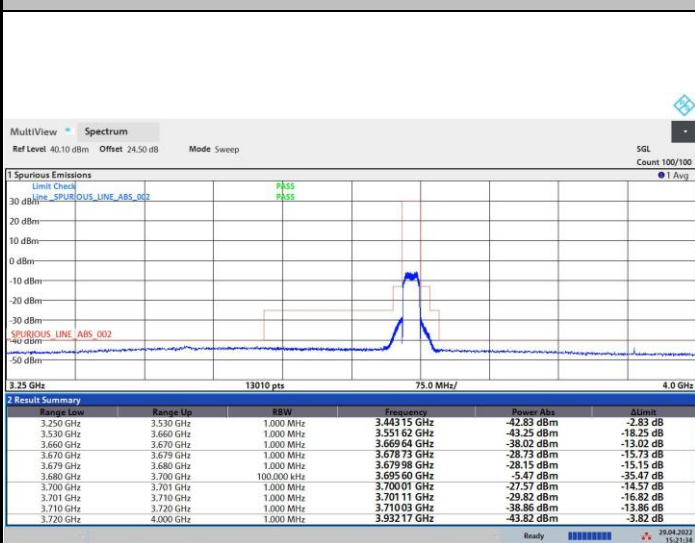
QPSK

16QAM



64QAM

256QAM

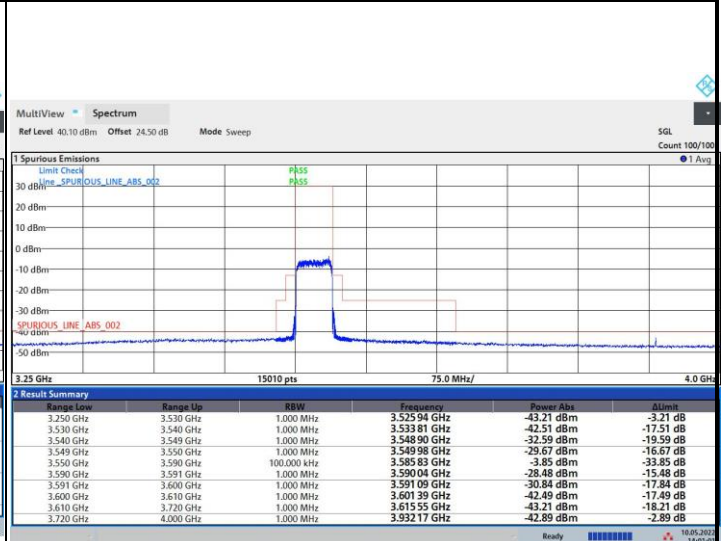
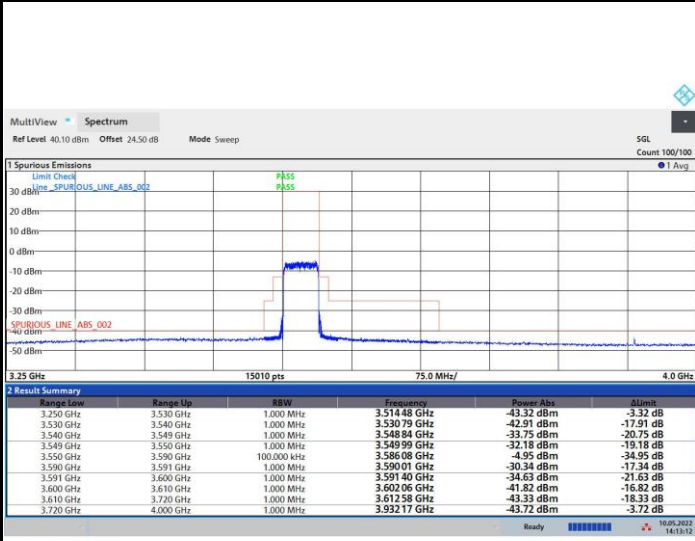




FR1 n48 / 40MHz / Lowest Channel / MASK

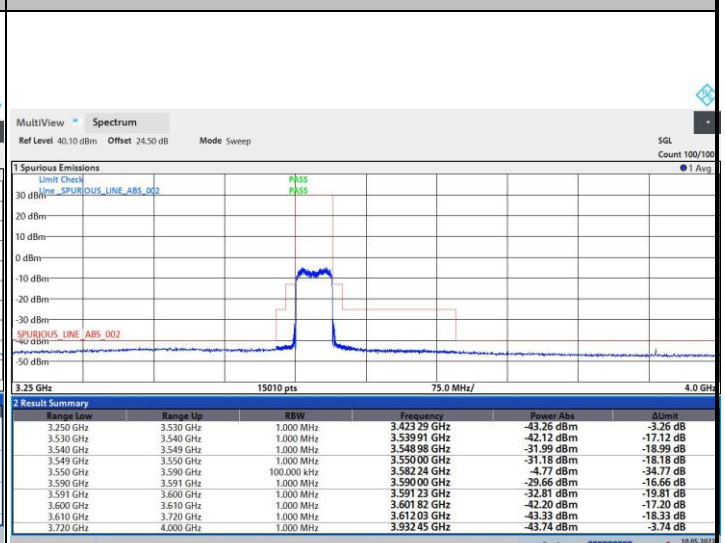
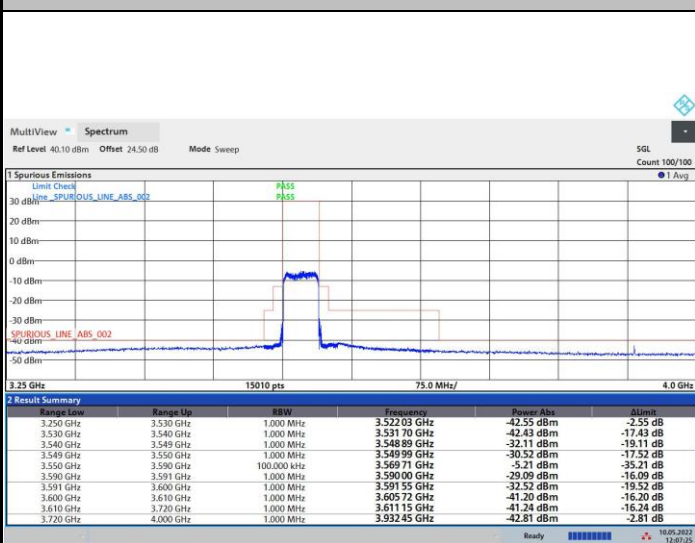
QPSK

16QAM



64QAM

256QAM

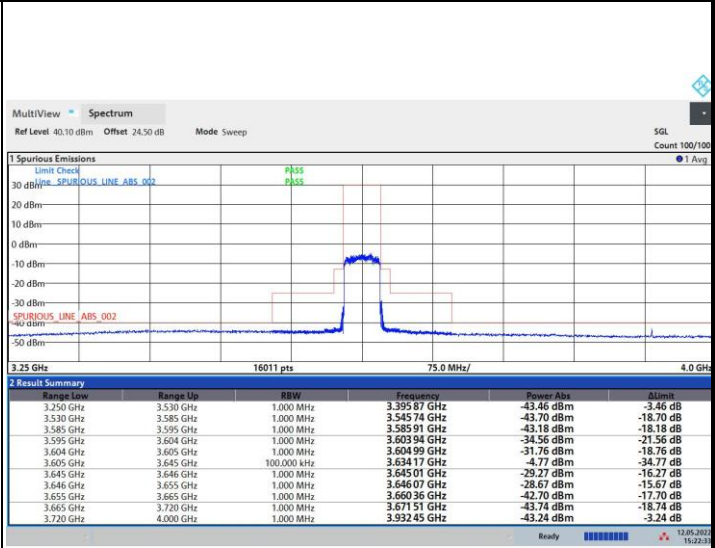
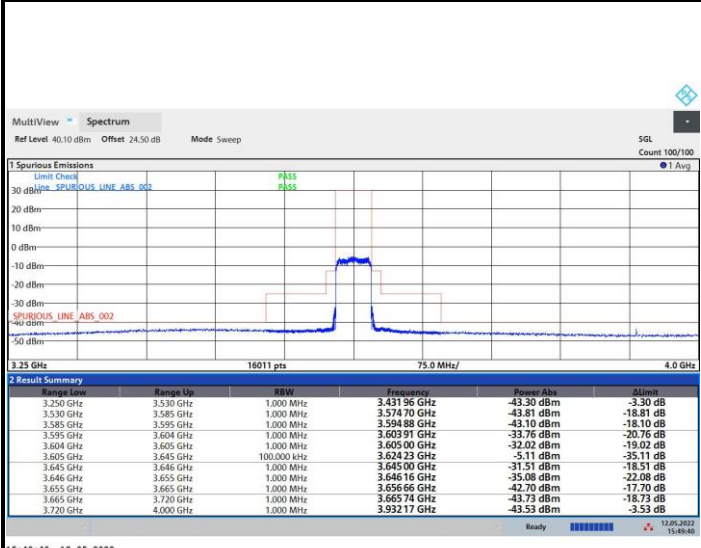




FR1 n48 / 40MHz / Middle Channel / MASK

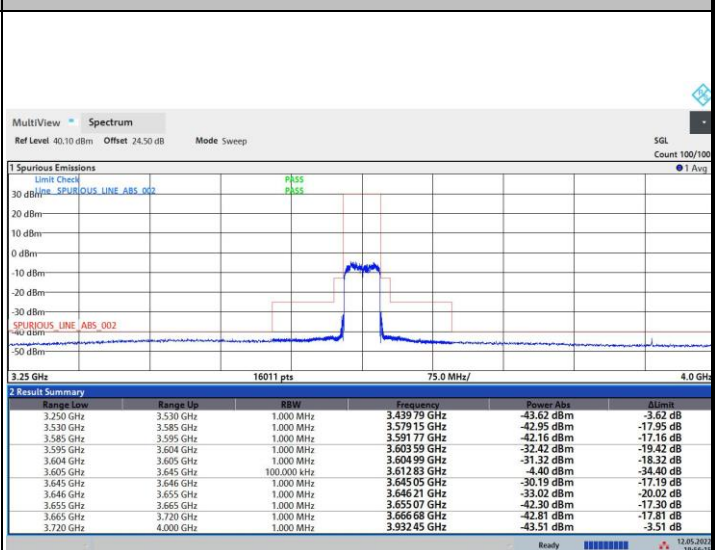
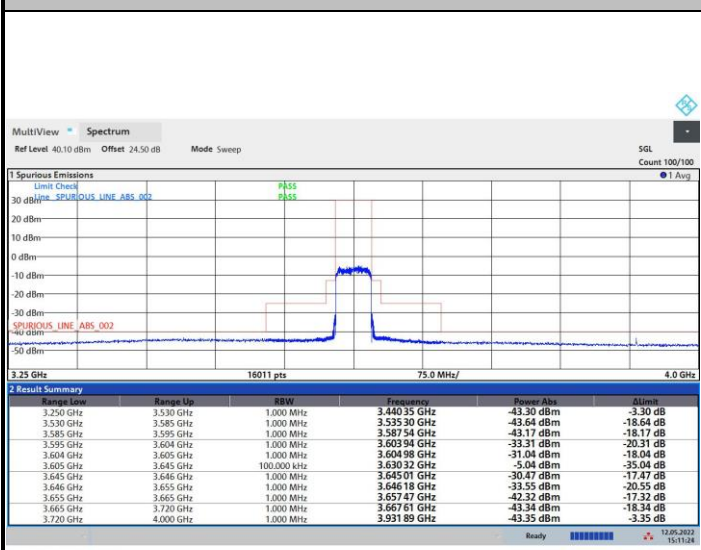
QPSK

16QAM



64QAM

256QAM

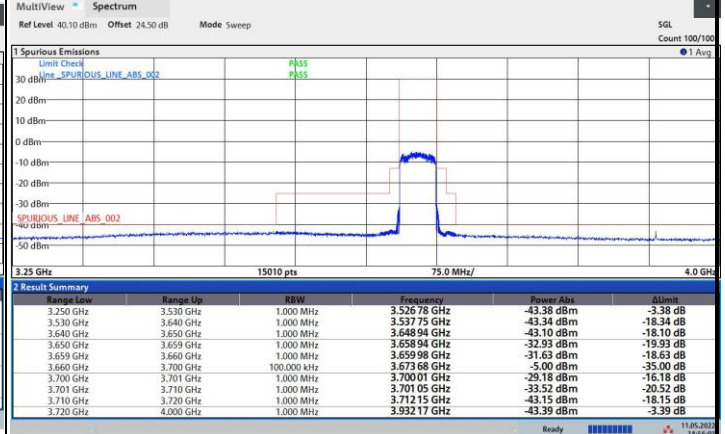
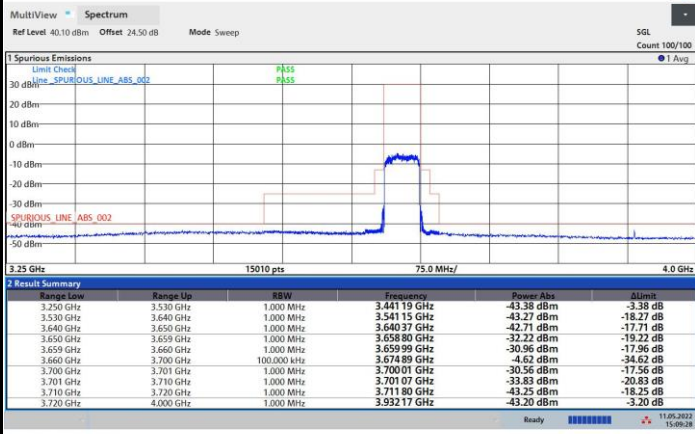




FR1 n48 / 40MHz / Highest Channel / MASK

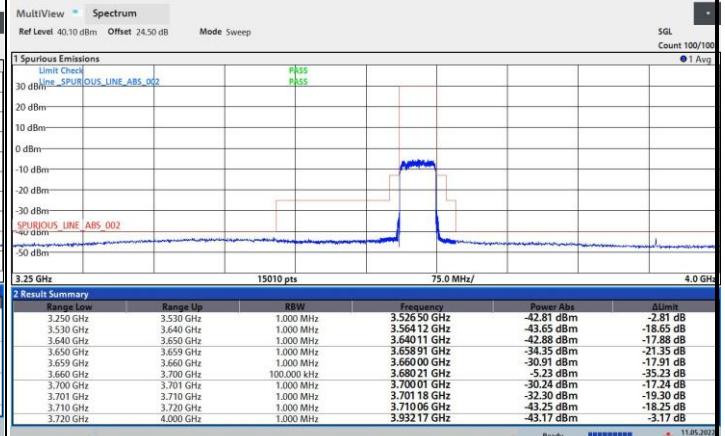
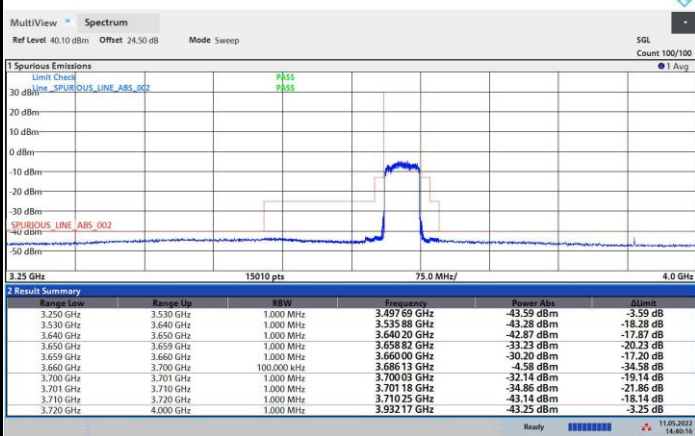
QPSK

16QAM



64QAM

256QAM

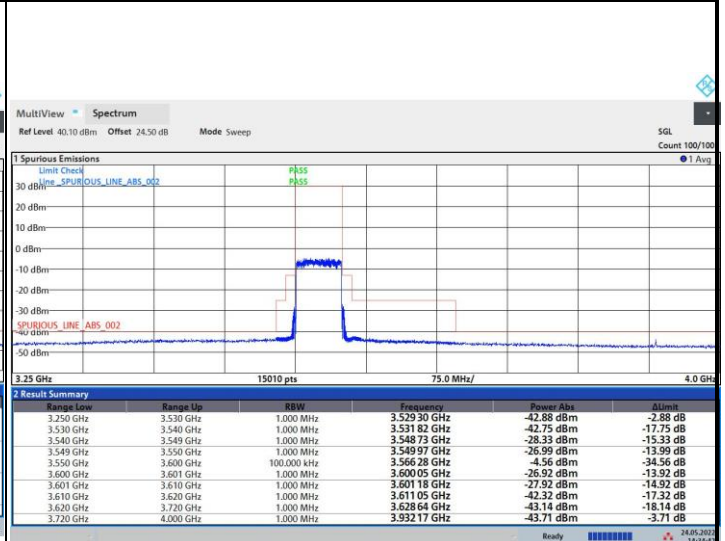
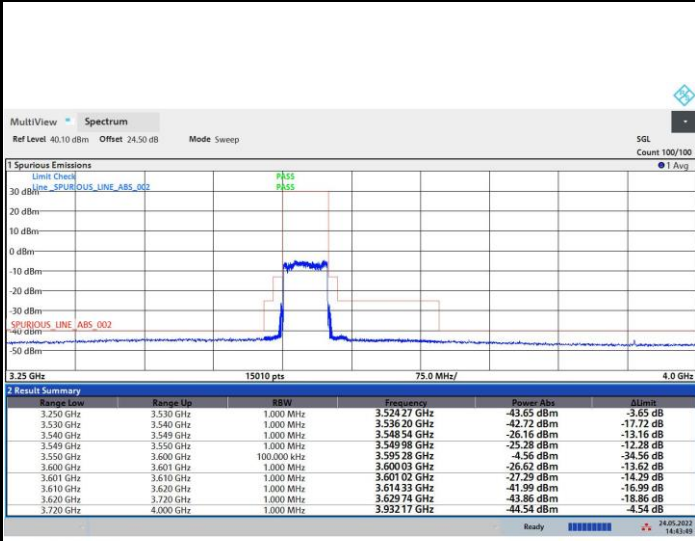




FR1 n48 / 50MHz / Lowest Channel / MASK

QPSK

16QAM



64QAM

256QAM

