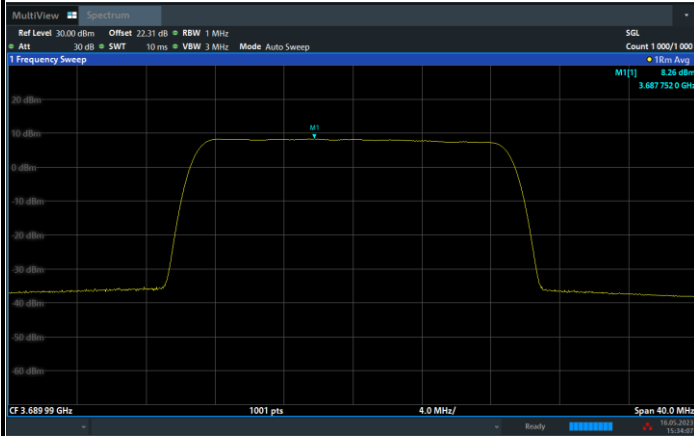




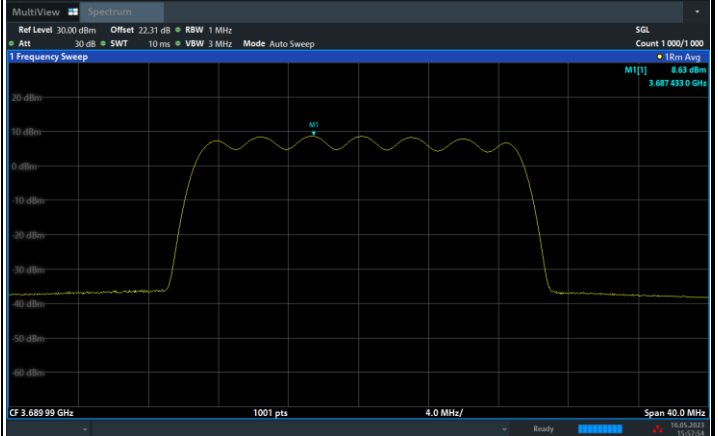
FR1 n48 / 20MHz / Highest Channel / PSD

QPSK



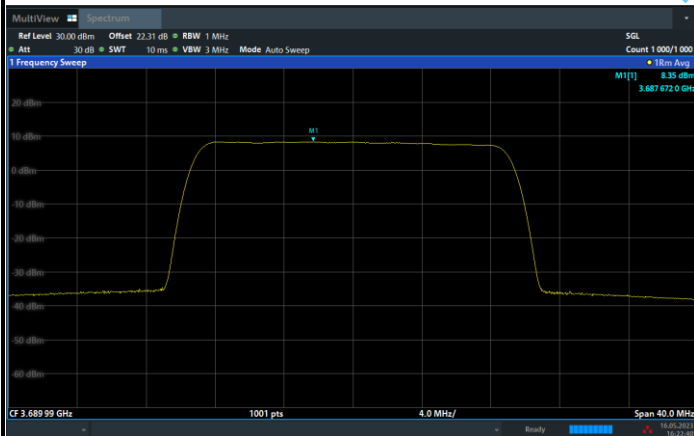
15:34:09 16.05.2023

16QAM



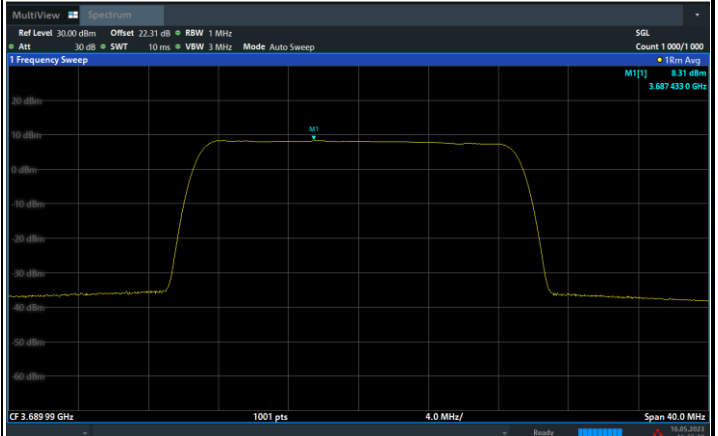
15:57:54 16.05.2023

64QAM



16:22:41 16.05.2023

256QAM

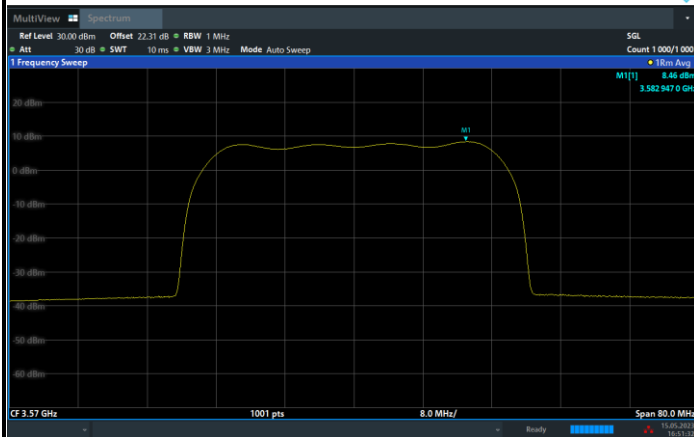


16:25:31 16.05.2023

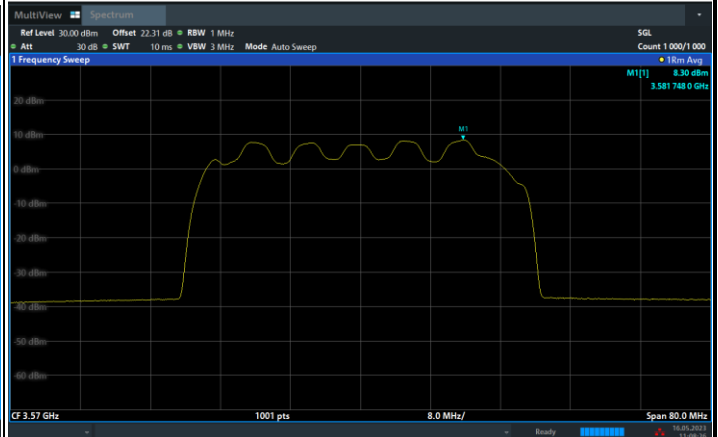


FR1 n48 / 40MHz / Lowest Channel / PSD

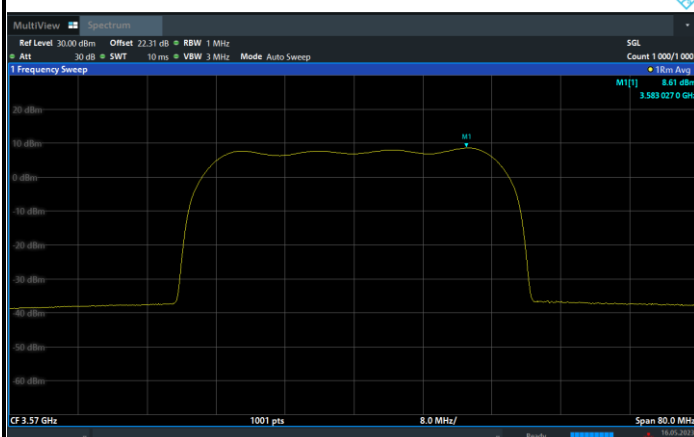
QPSK



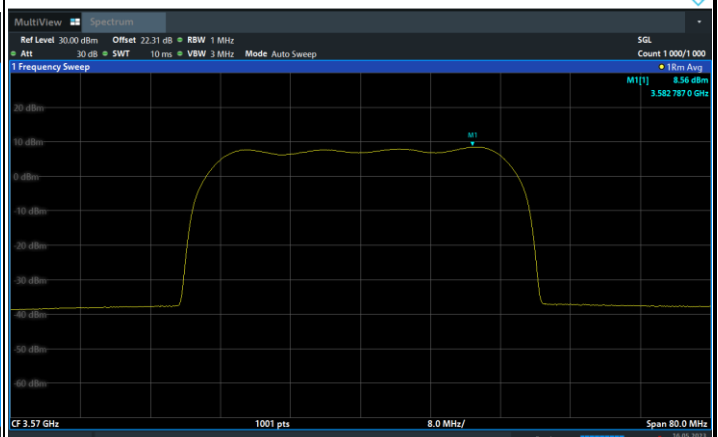
16QAM



64QAM



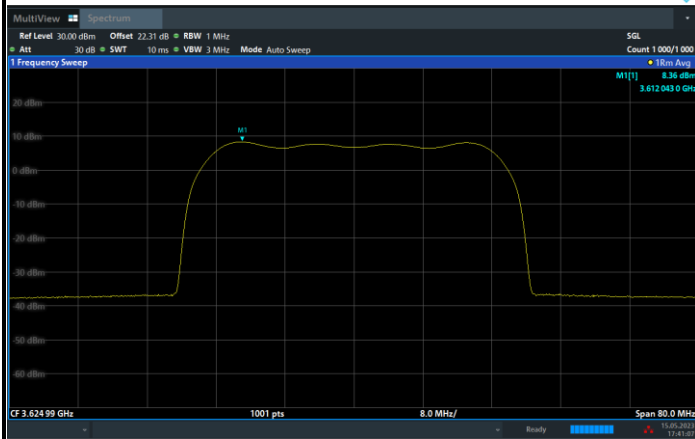
256QAM





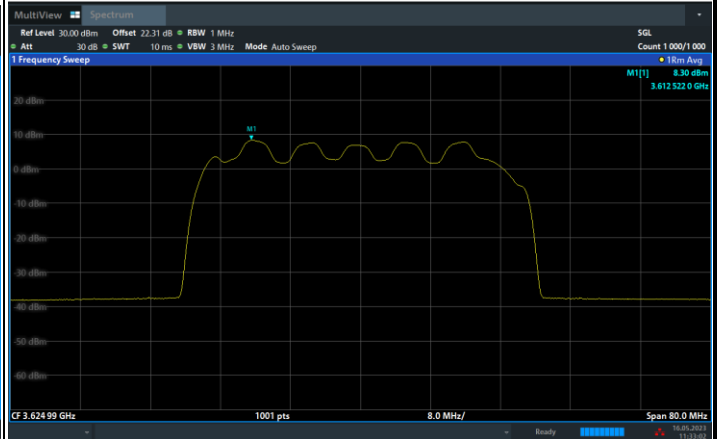
FR1 n48 / 40MHz / Middle Channel / PSD

QPSK



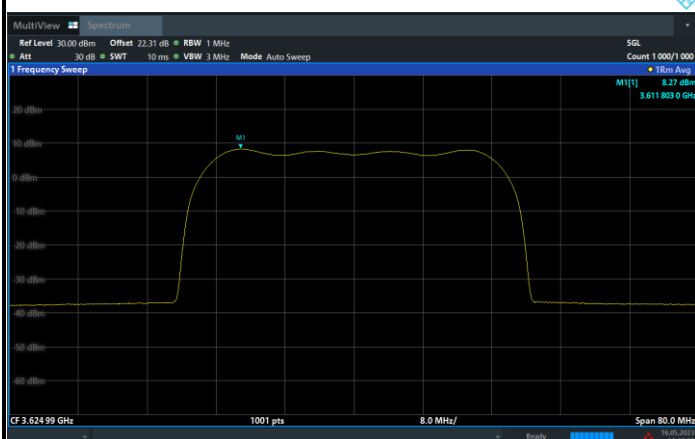
17:41:07 15.05.2023

16QAM



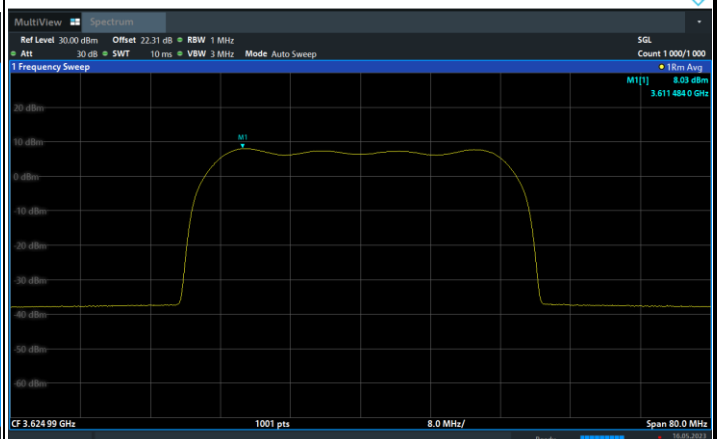
11:33:02 16.05.2023

64QAM



14:46:18 16.05.2023

256QAM

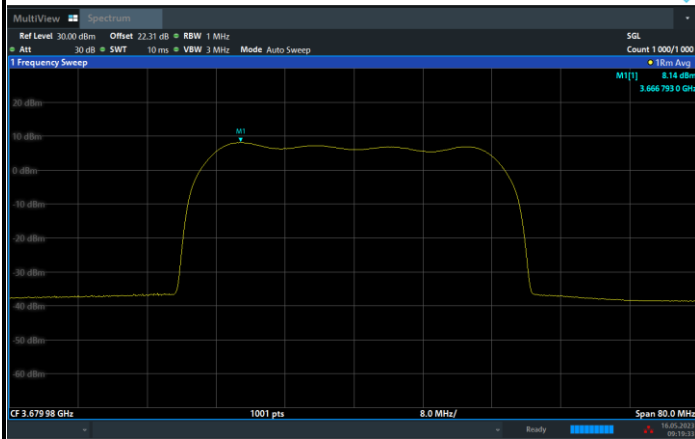


19:21:43 16.05.2023



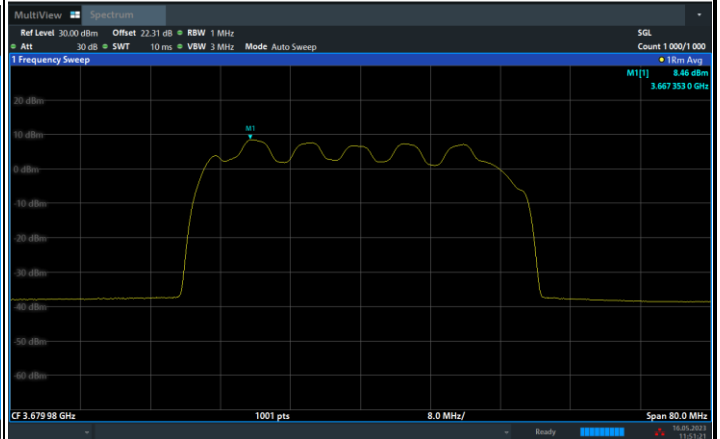
FR1 n48 / 40MHz / Highest Channel / PSD

QPSK



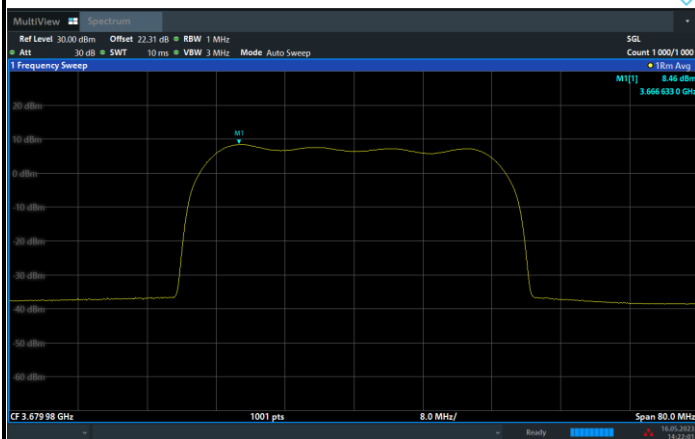
09:19:34 16.05.2023

16QAM



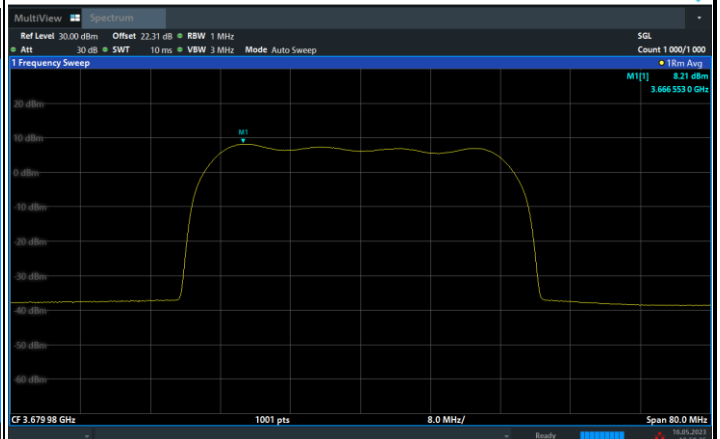
11:51:22 16.05.2023

64QAM



14:22:01 16.05.2023

256QAM

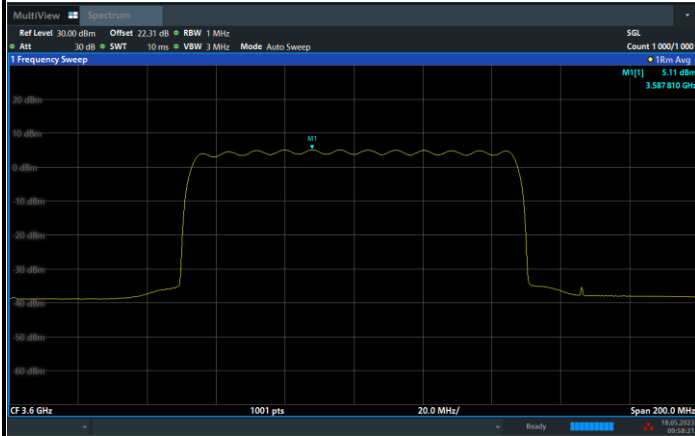


19:59:26 16.05.2023



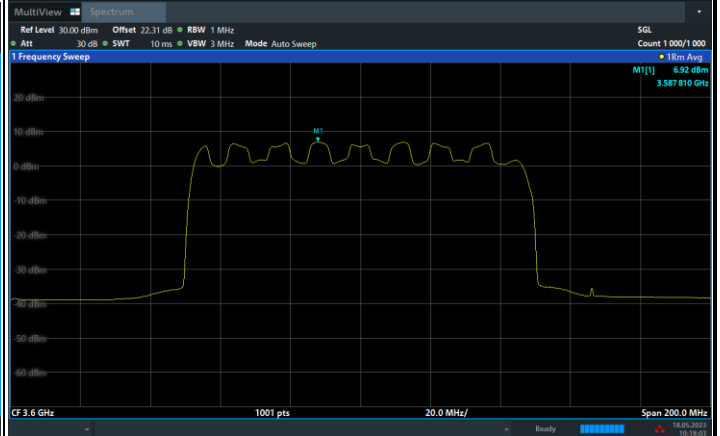
FR1 n48 / 100MHz / Lowest Channel / PSD

QPSK



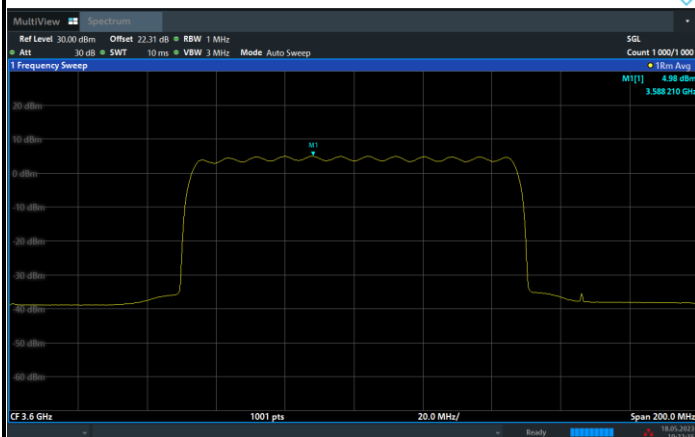
09:58:21 18.05.2023

16QAM



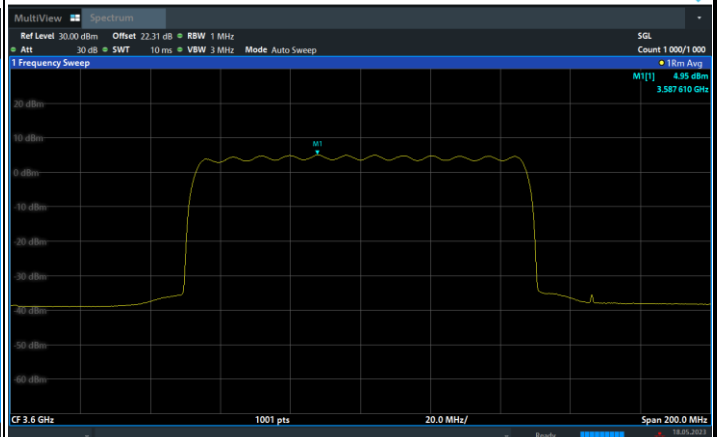
10:18:04 18.05.2023

64QAM



10:22:16 18.05.2023

256QAM

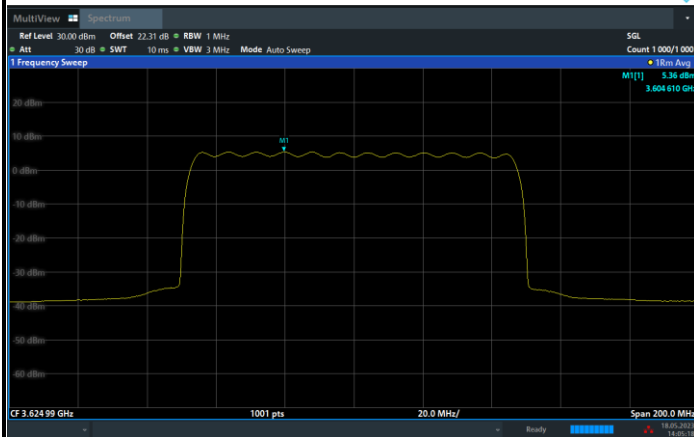


10:33:48 18.05.2023



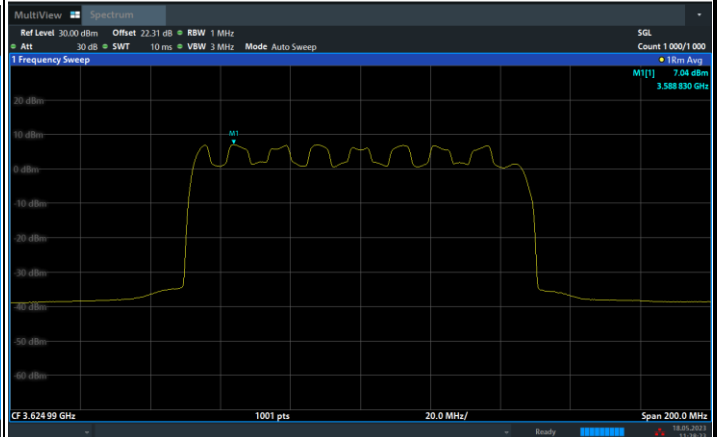
FR1 n48 / 100MHz / Middle Channel / PSD

QPSK



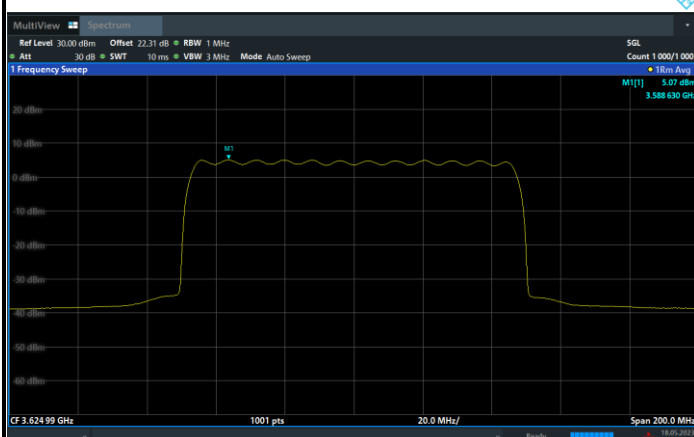
14:05:19 18.05.2023

16QAM



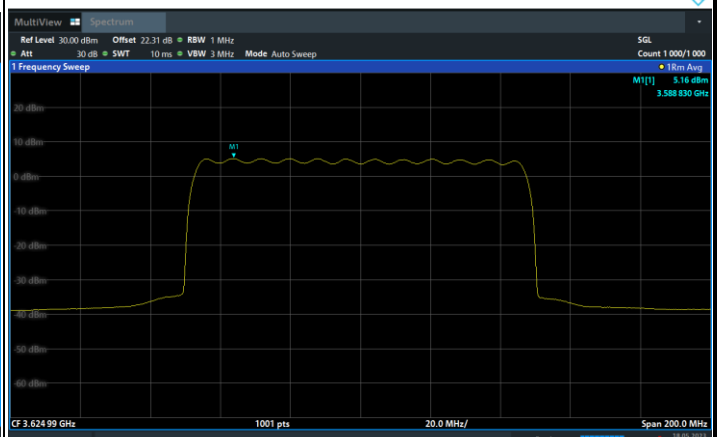
11:28:23 18.05.2023

64QAM



11:13:44 18.05.2023

256QAM

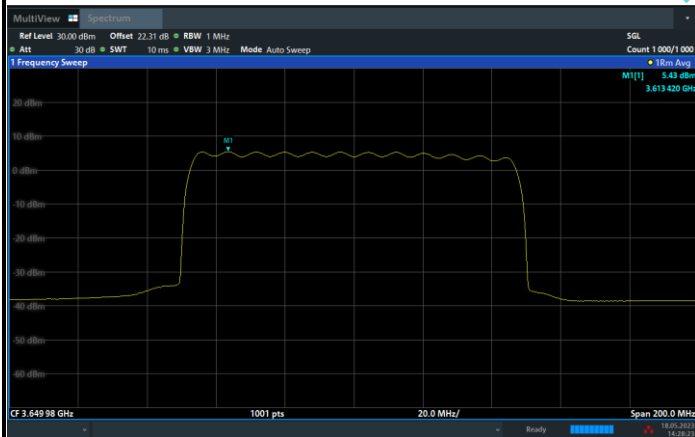


10:59:50 18.05.2023



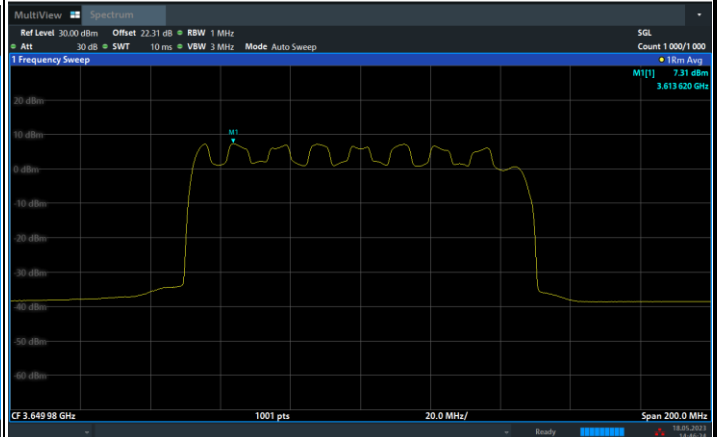
FR1 n48 / 100MHz / Highest Channel / PSD

QPSK



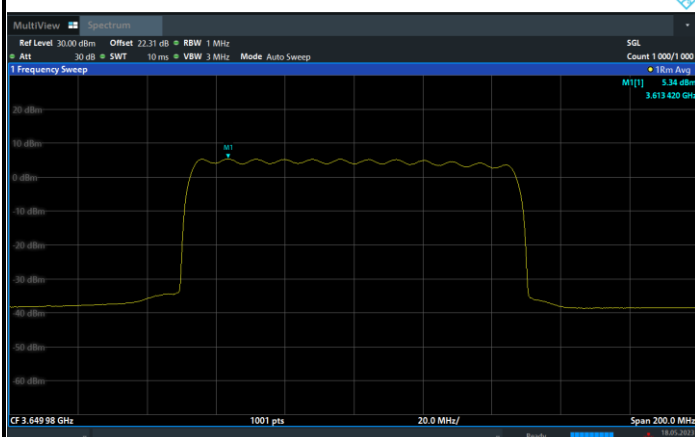
14:28:24 18.05.2023

16QAM



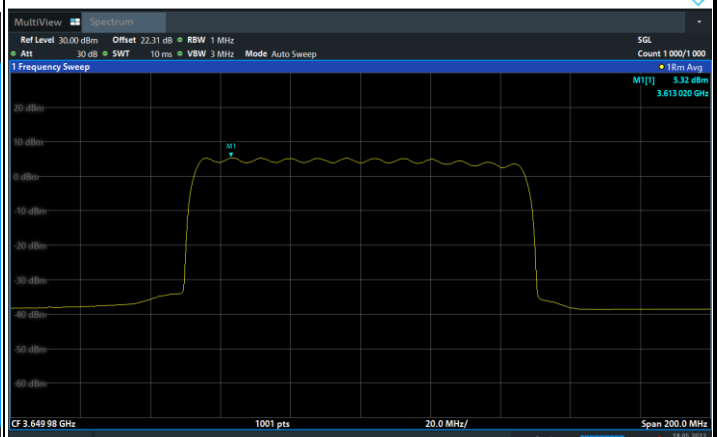
14:46:24 18.05.2023

64QAM



14:56:13 18.05.2023

256QAM

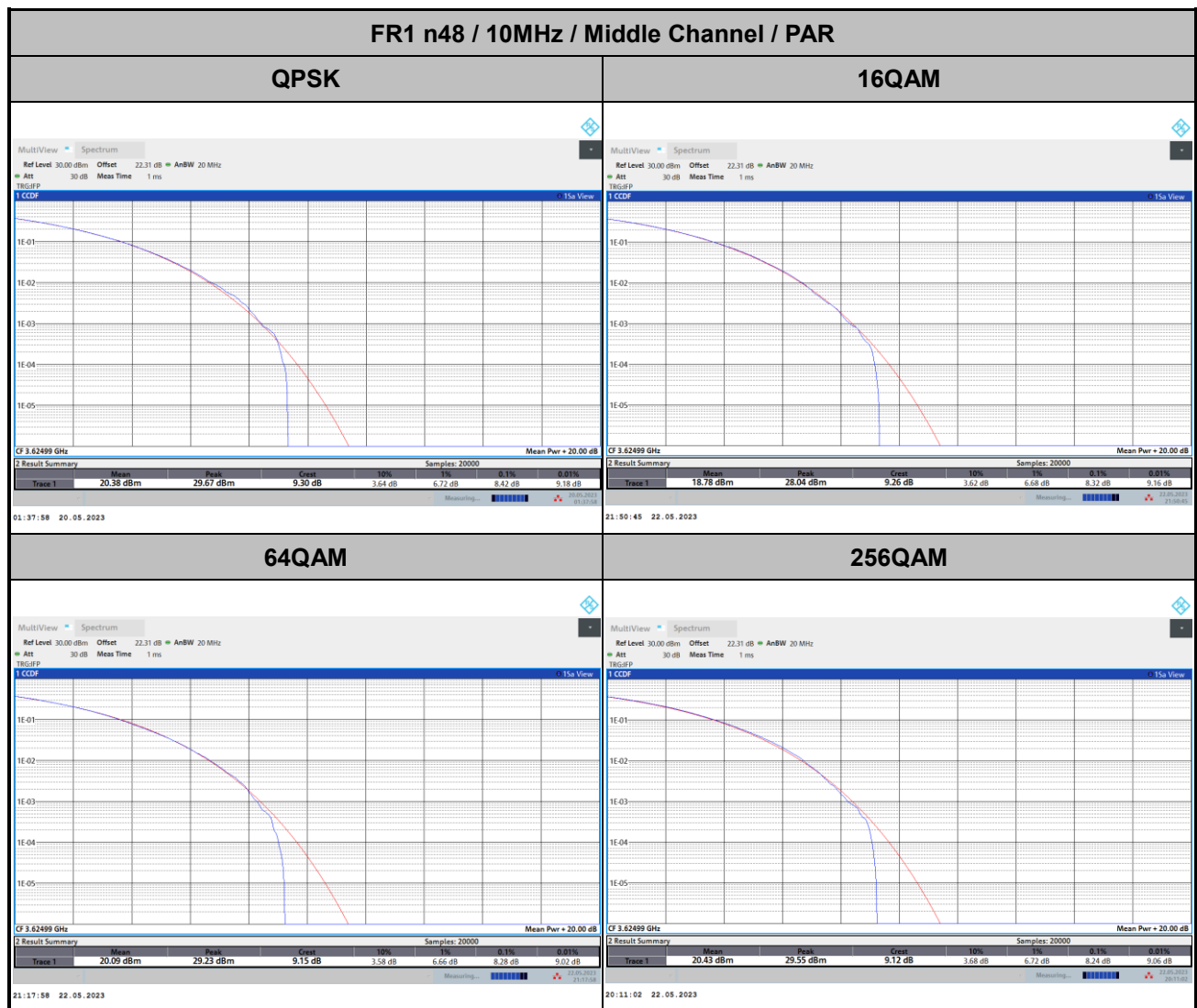


15:03:29 18.05.2023



Peak-to-Average Ratio

Mode	FR1 n48 / 20MHz / PAR (dB)				Limit: 13dB
Mod.	QPSK	16QAM	64QAM	256QAM	Result
Middle CH	8.42	8.32	8.28	8.24	PASS



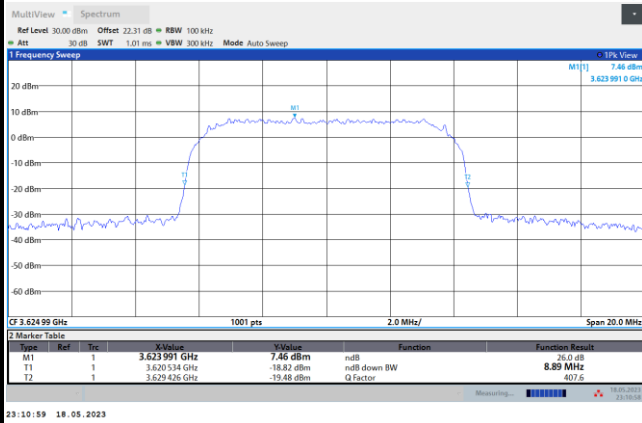
**26dB Bandwidth**

Mode	FR1 n48 : 26dB BW(MHz)							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.89	8.79	19.22	19.26	39.56	39.40	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.89	8.89	19.34	19.34	39.48	39.48	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	-	-	99.70	99.50
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	-	-	99.70	99.50

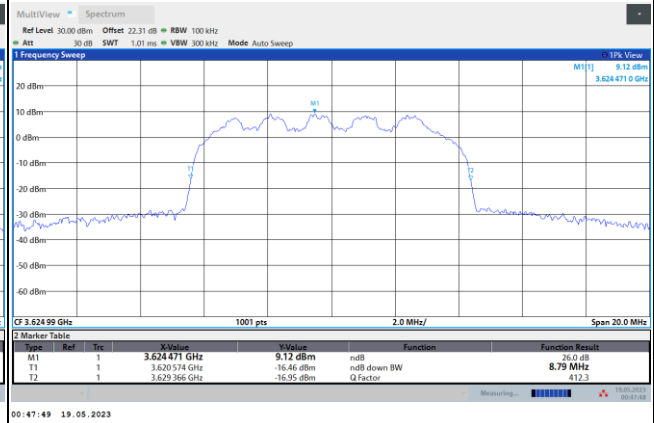


FR1 n48 / 10MHz / Middle Channel / 26dB BW

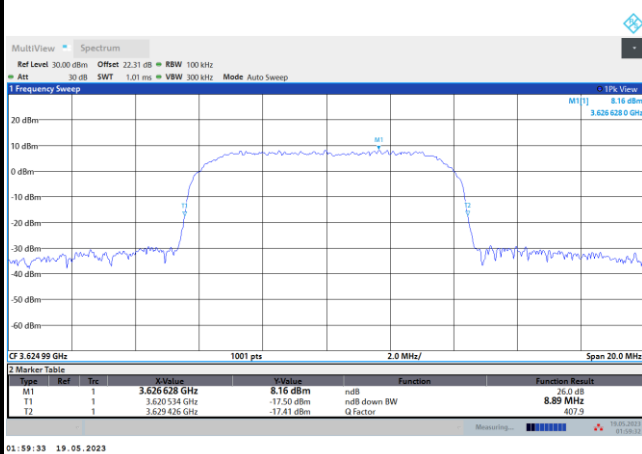
QPSK



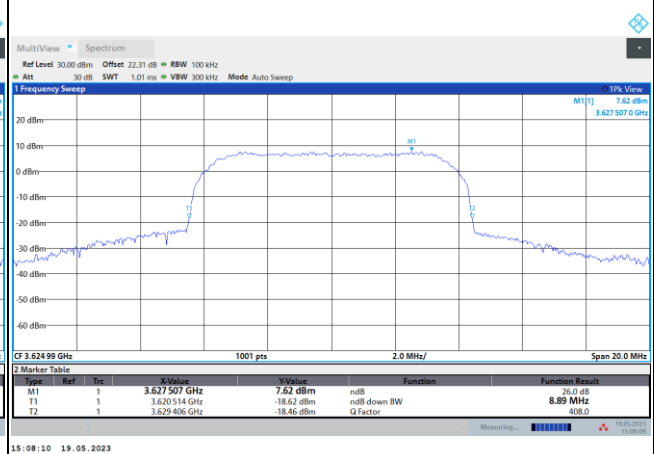
16QAM



64QAM



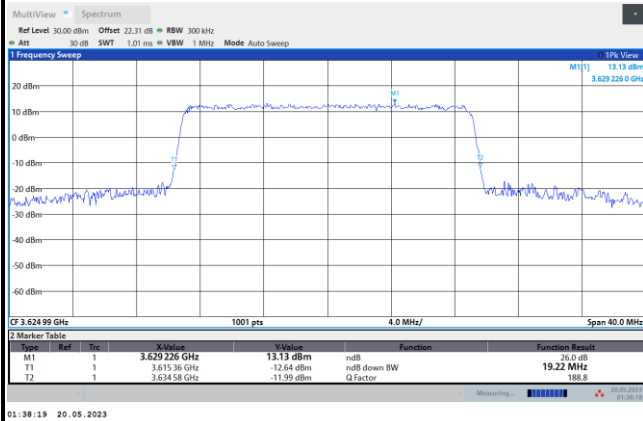
256QAM



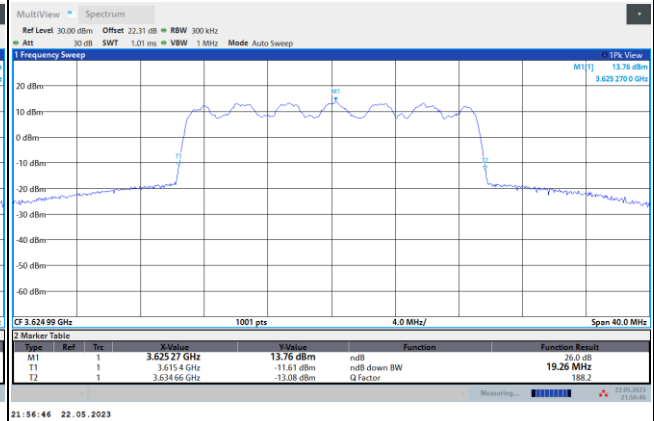


FR1 n48 / 20MHz / Middle Channel / 26dB BW

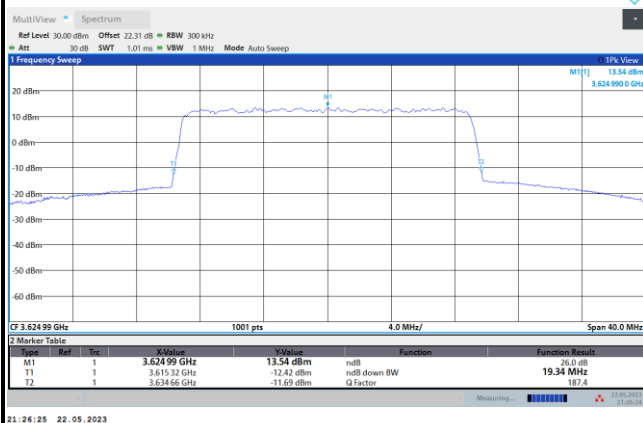
QPSK



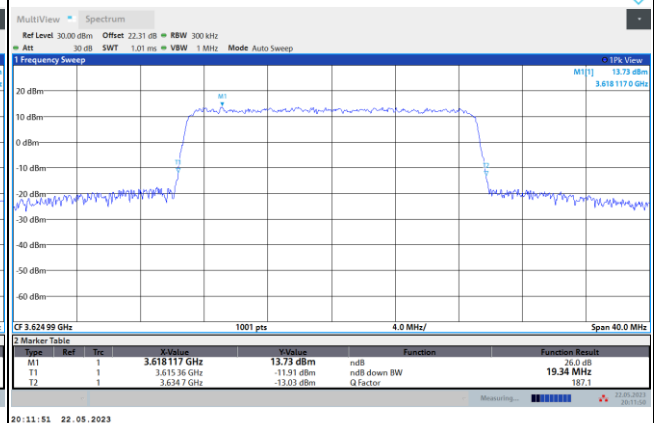
16QAM



64QAM



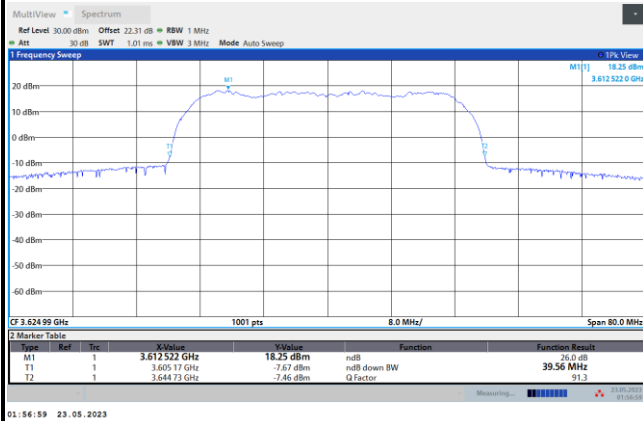
256QAM





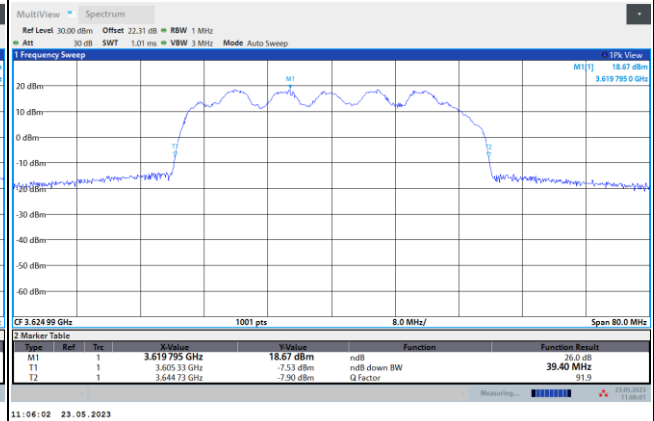
FR1 n48 / 40MHz / Middle Channel / 26dB BW

QPSK



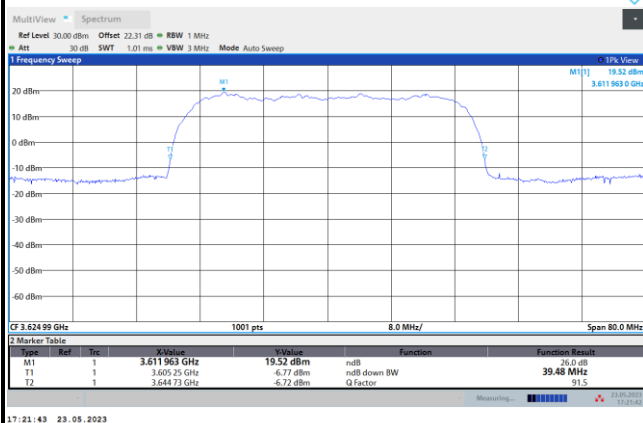
01:56:59 23.05.2023

16QAM



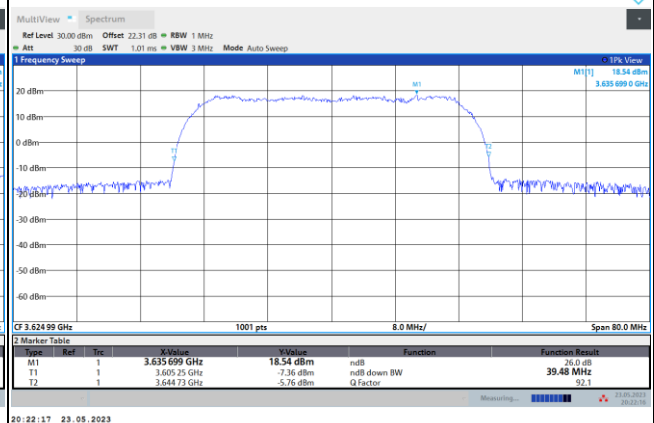
11:06:02 23.05.2023

64QAM



17:21:43 23.05.2023

256QAM

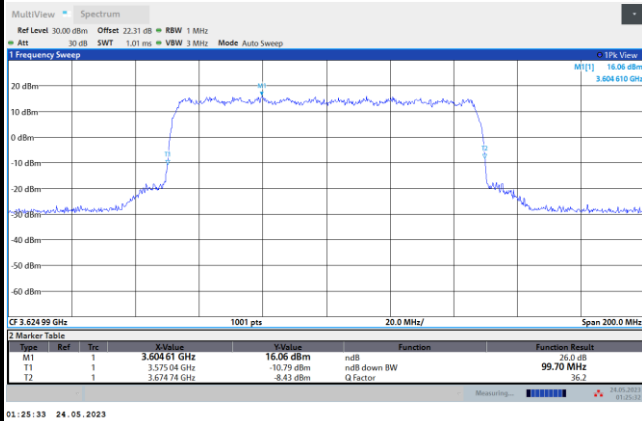


20:22:17 23.05.2023

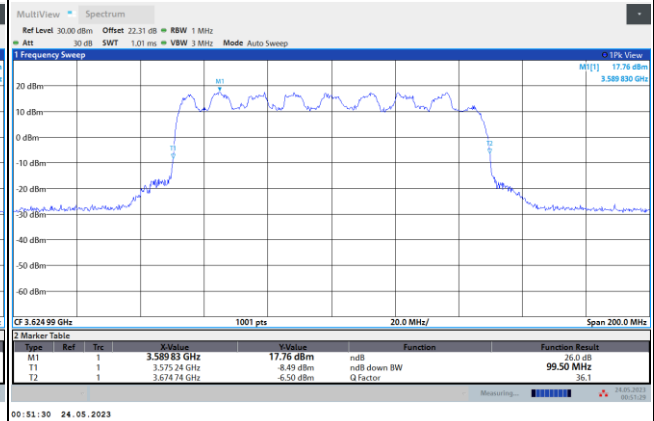


FR1 n48 / 100MHz / Middle Channel / 26dB BW

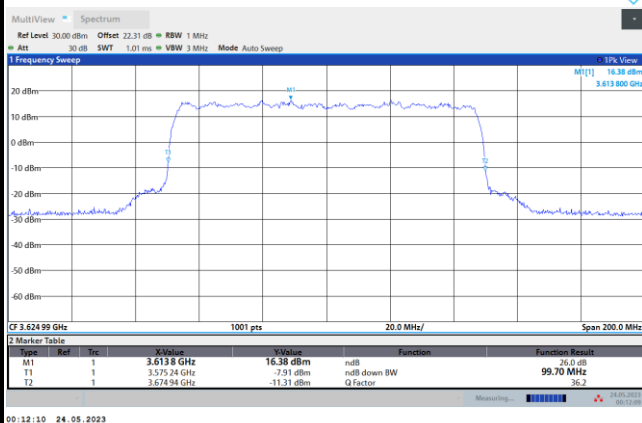
QPSK



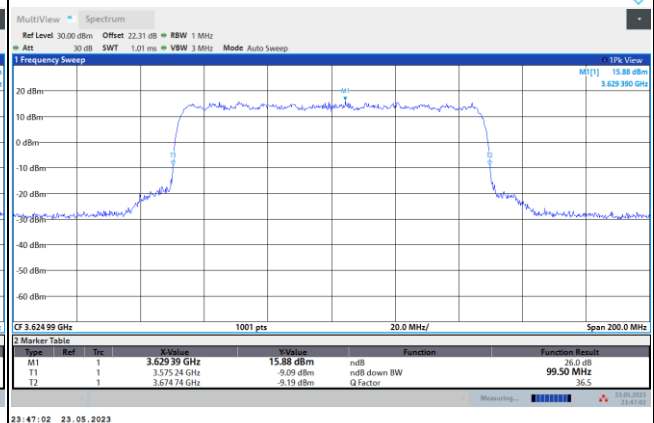
16QAM



64QAM



256QAM



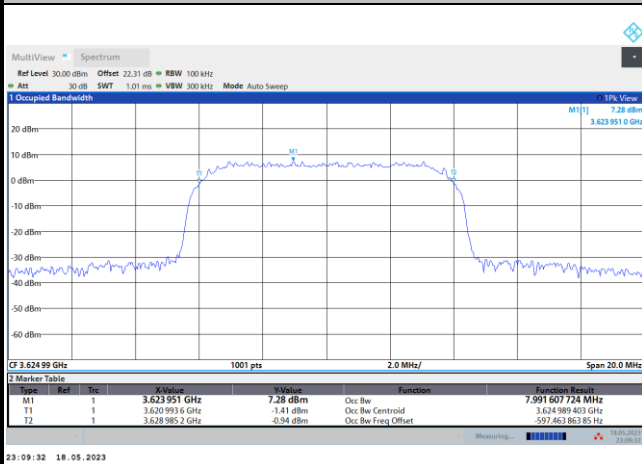
**Occupied Bandwidth**

Mode	FR1 n48 : 99%OBW (MHz)							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	7.99	7.85	18.00	18.07	35.55	35.39	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.03	8.02	18.03	18.03	35.53	35.38	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	-	-	94.09	93.83
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	-	-	94.17	94.20

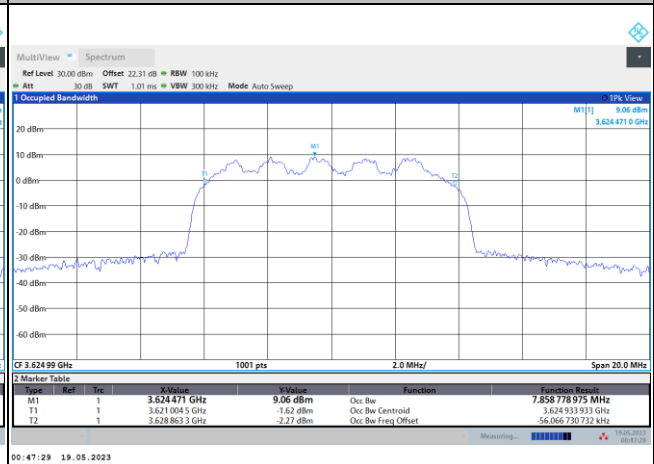


FR1 n48 / 10MHz / Middle Channel / 99%OBW

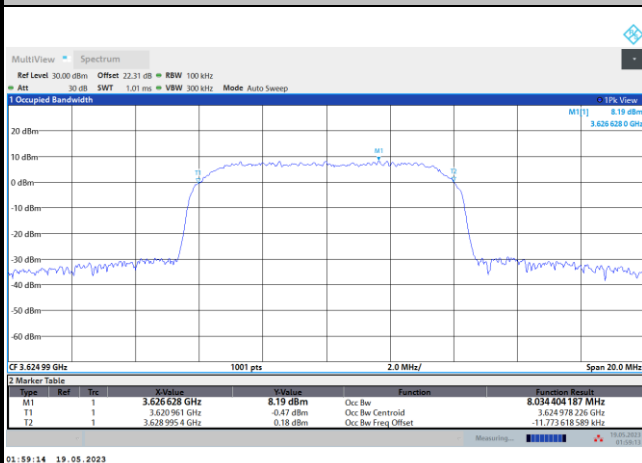
QPSK



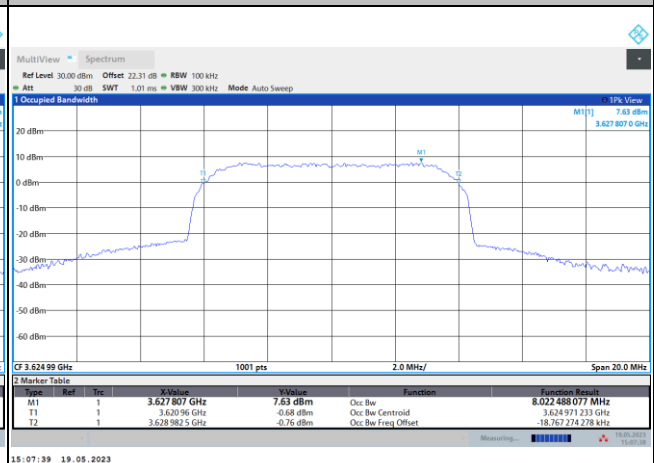
16QAM



64QAM



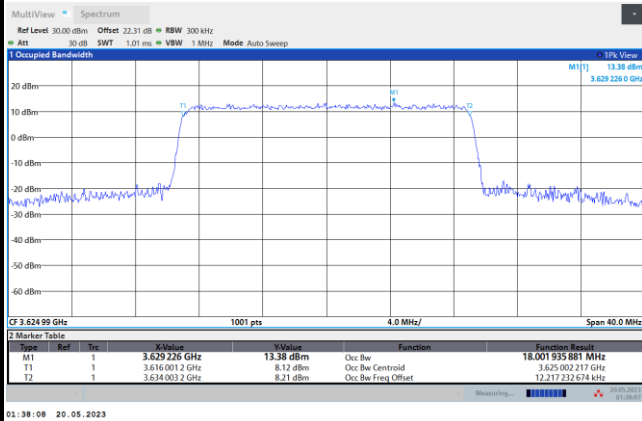
256QAM



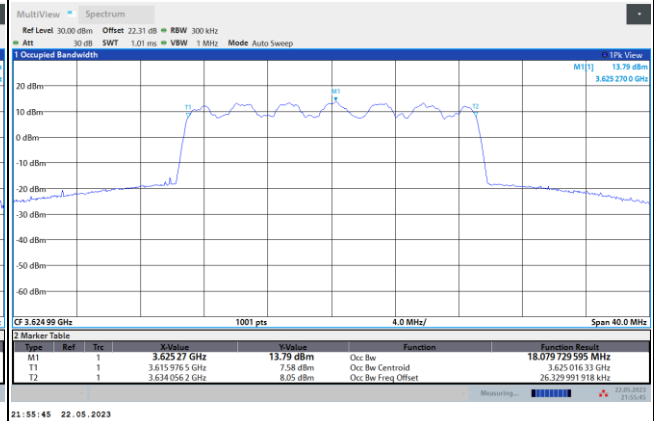


FR1 n48 / 20MHz / Middle Channel / 99%OBW

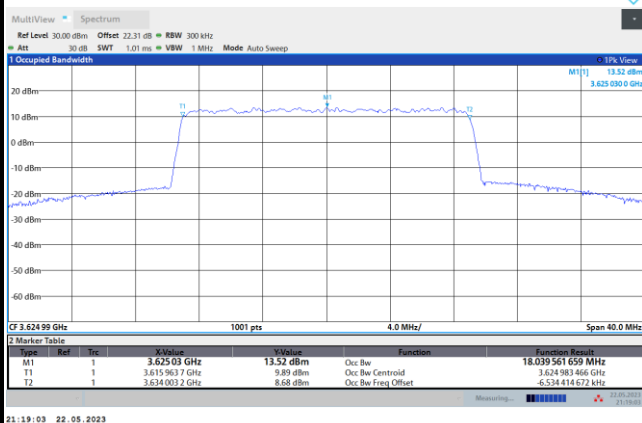
QPSK



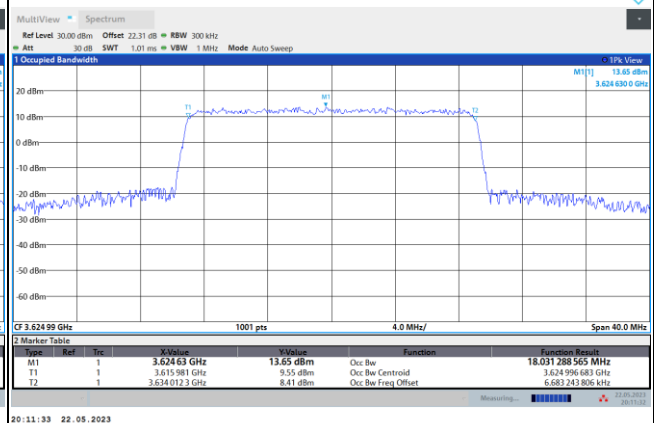
16QAM



64QAM



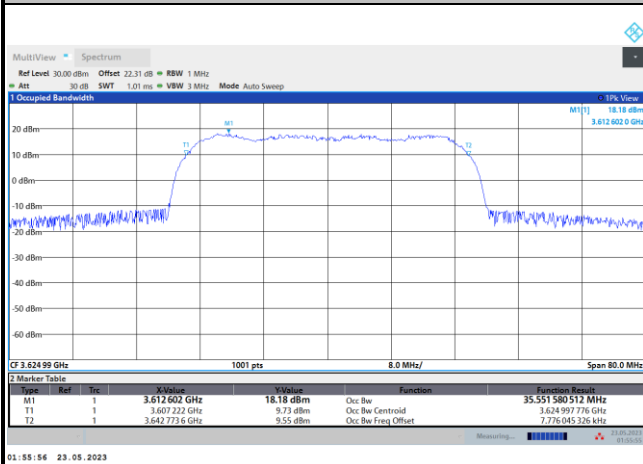
256QAM



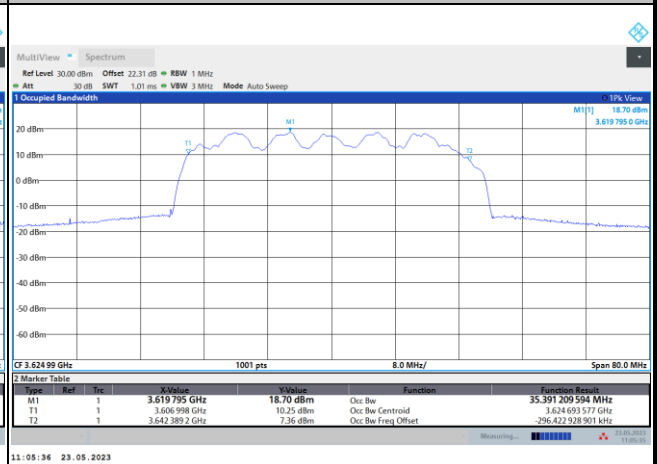


FR1 n48 / 40MHz / Middle Channel / 99%OBW

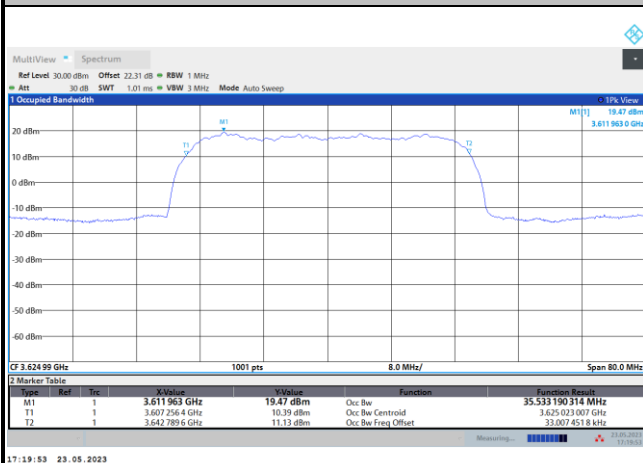
QPSK



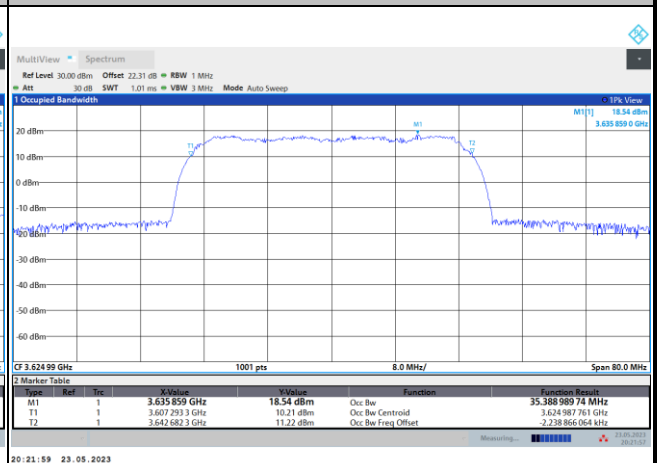
16QAM



64QAM



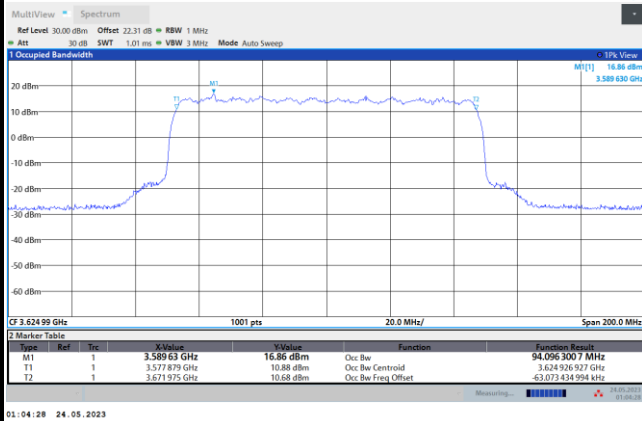
256QAM



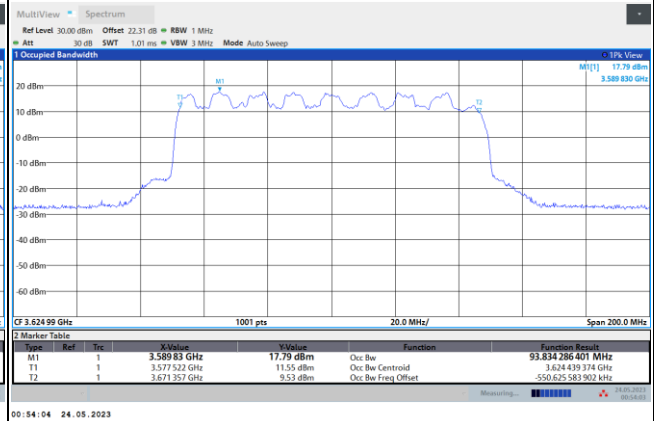


FR1 n48 / 100MHz / Middle Channel / 99%OBW

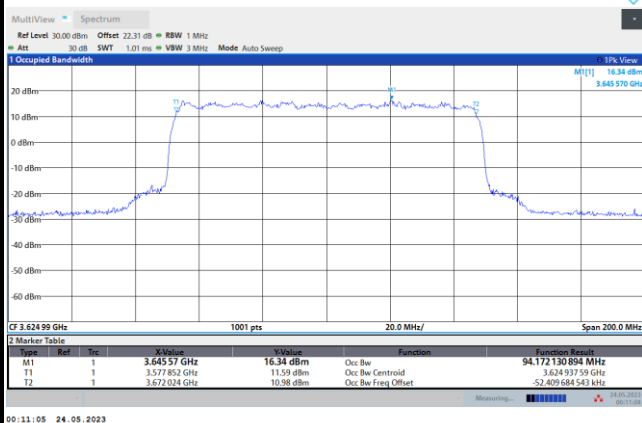
QPSK



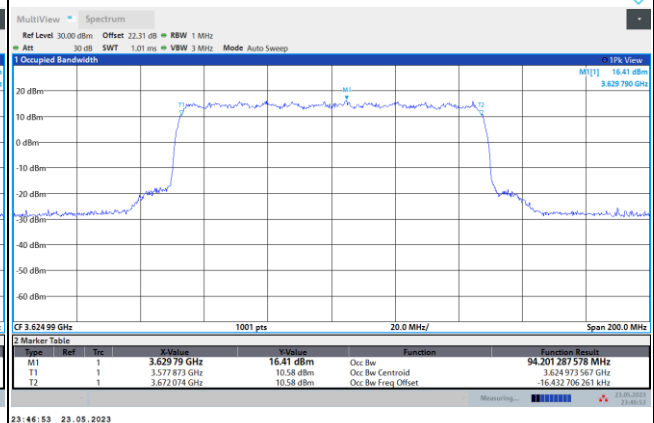
16QAM



64QAM



256QAM

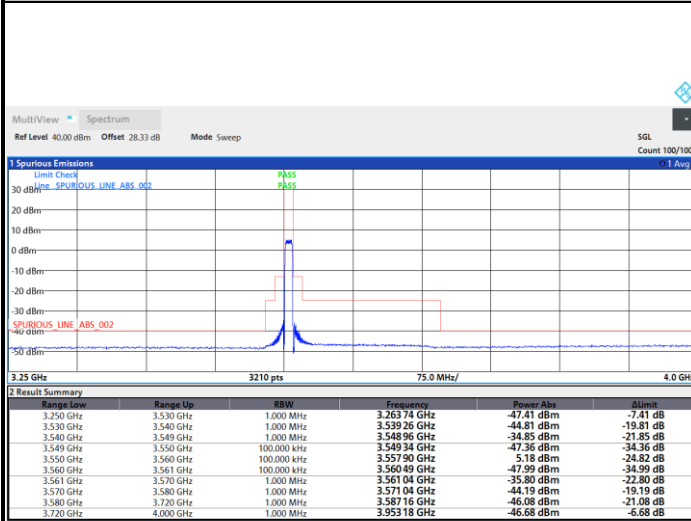




Unwanted Emission (MASK)

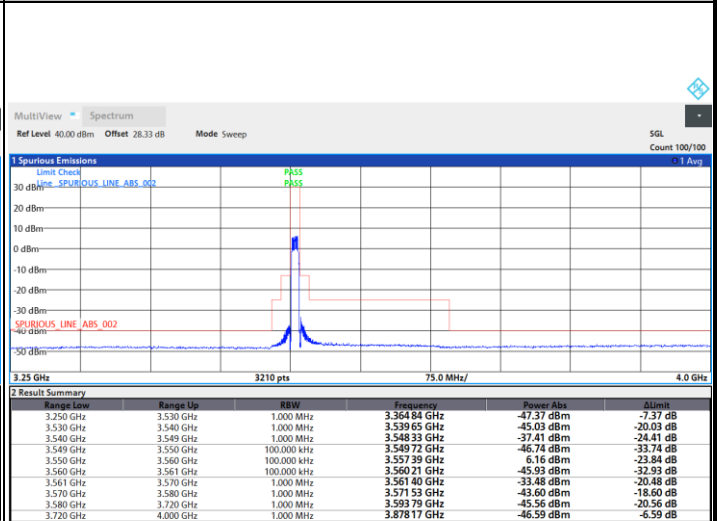
FR1 n48 / 10MHz / Lowest Channel / MASK

QPSK



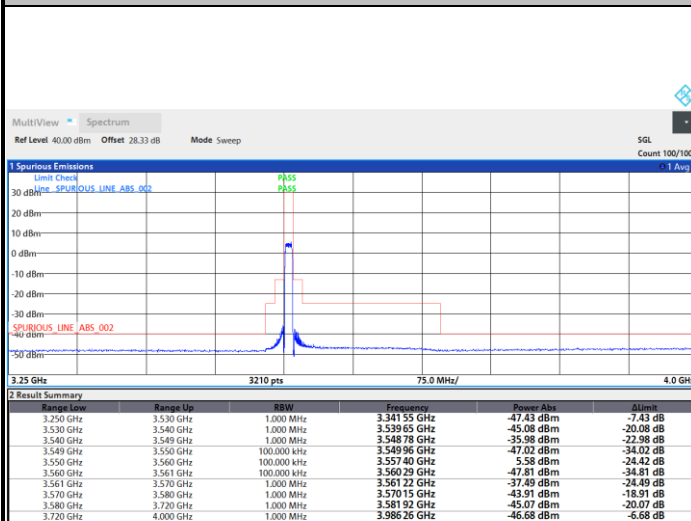
20:02:15 19.05.2023

16QAM



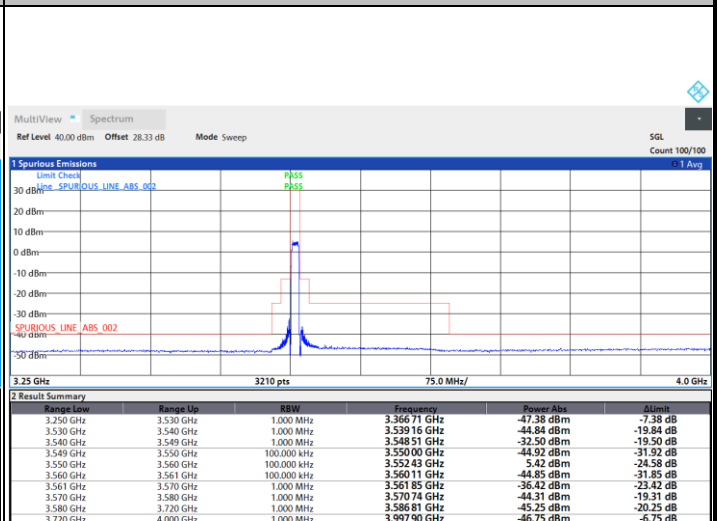
21:40:14 19.05.2023

64QAM



22:04:54 19.05.2023

256QAM

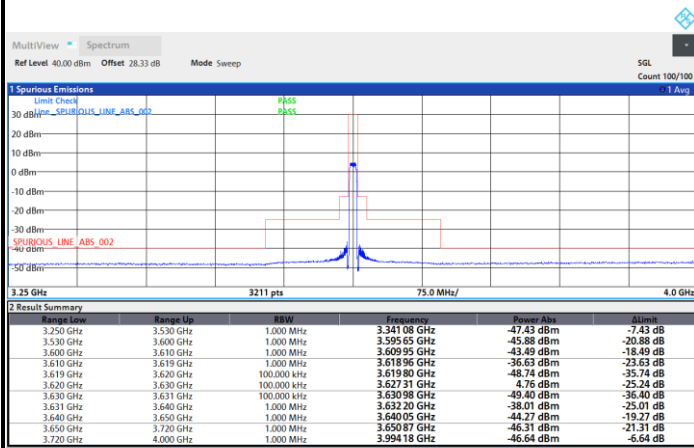


00:55:06 20.05.2023



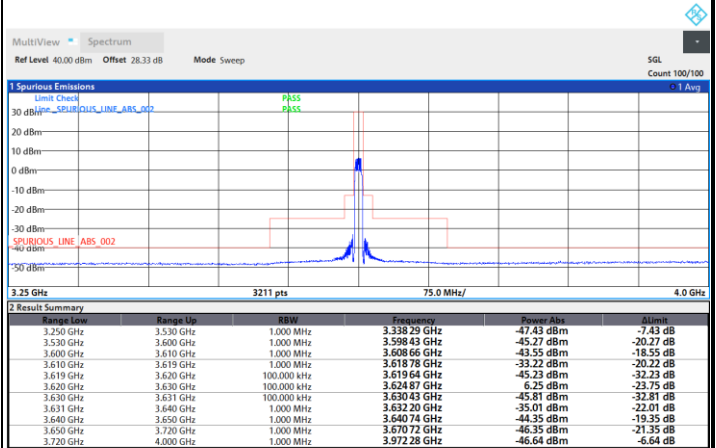
FR1 n48 / 10MHz / Middle Channel / MASK

QPSK



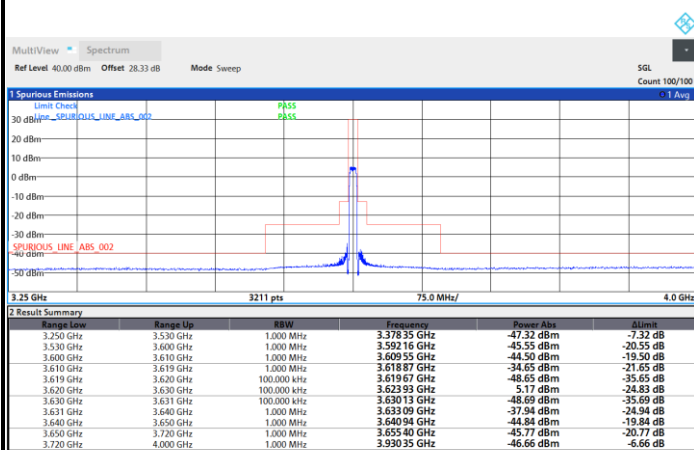
19:29:40 19.05.2023

16QAM



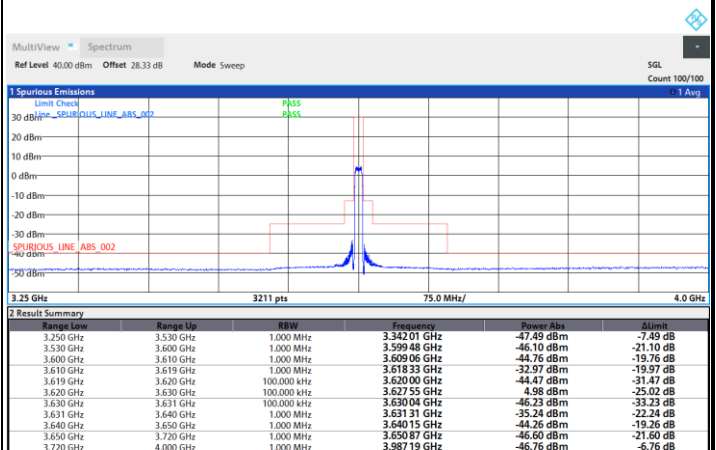
21:07:38 19.05.2023

64QAM



23:10:08 19.05.2023

256QAM

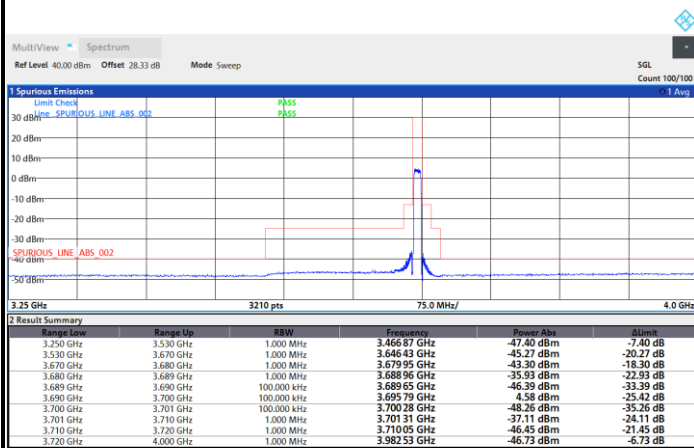


00:37:15 20.05.2023



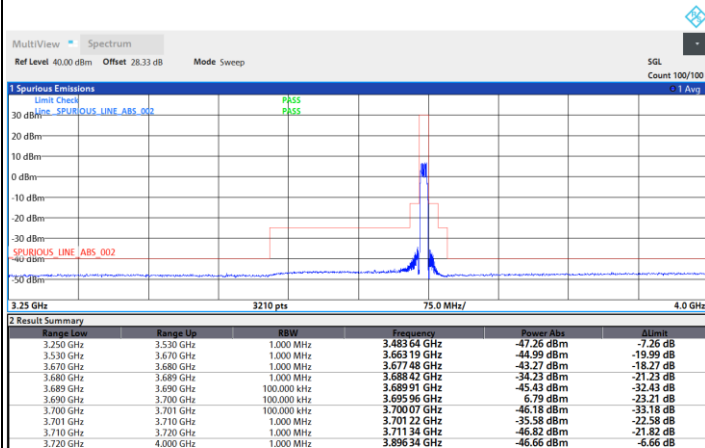
FR1 n48 / 10MHz / Highest Channel / MASK

QPSK



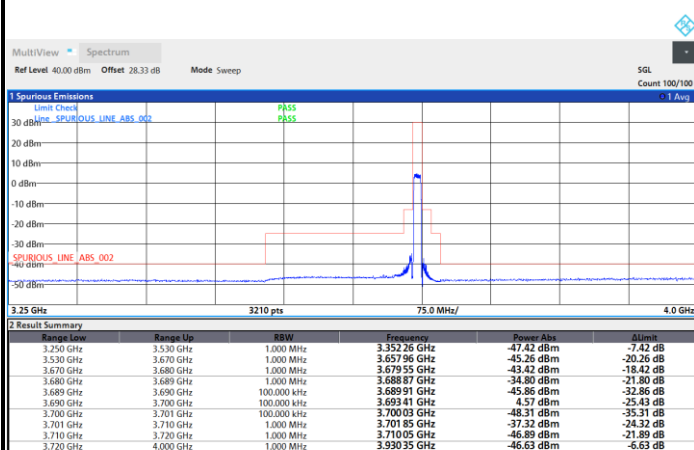
20:16:44 19.05.2023

16QAM



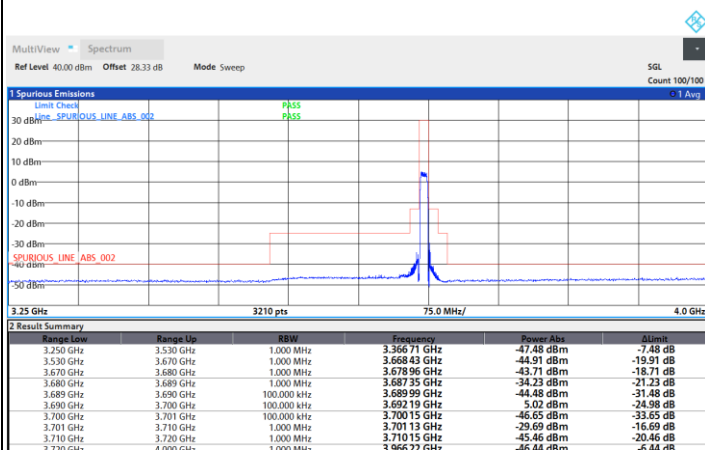
20:48:28 19.05.2023

64QAM



00:08:17 20.05.2023

256QAM

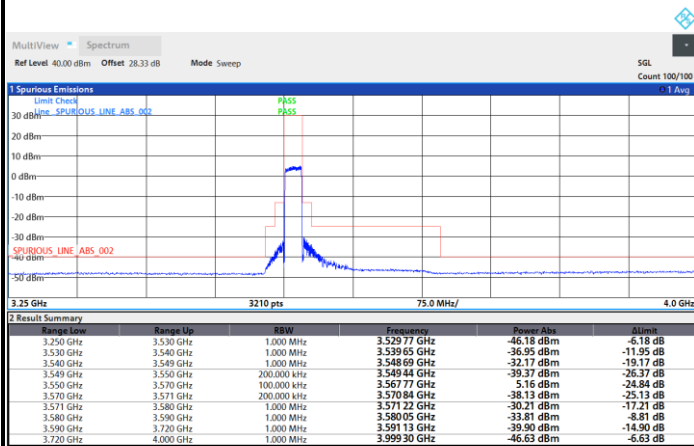


00:24:14 20.05.2023



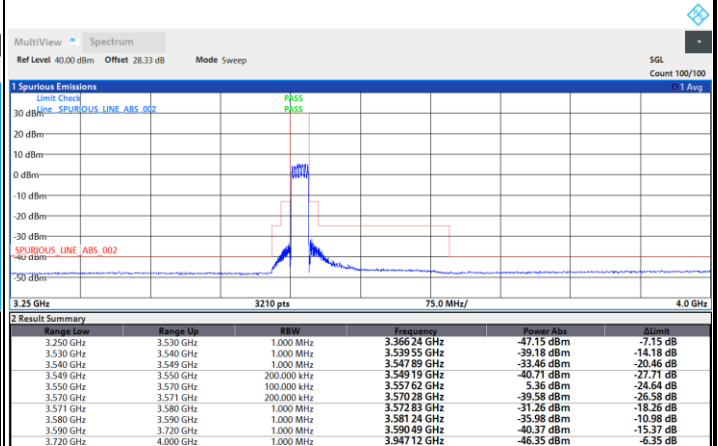
FR1 n48 / 20MHz / Lowest Channel / MASK

QPSK



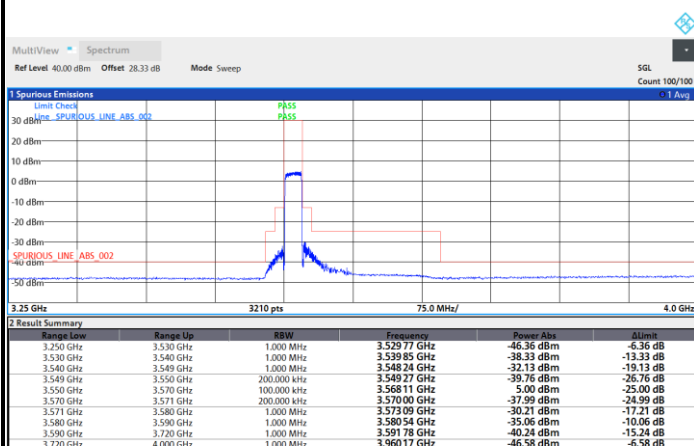
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16QAM



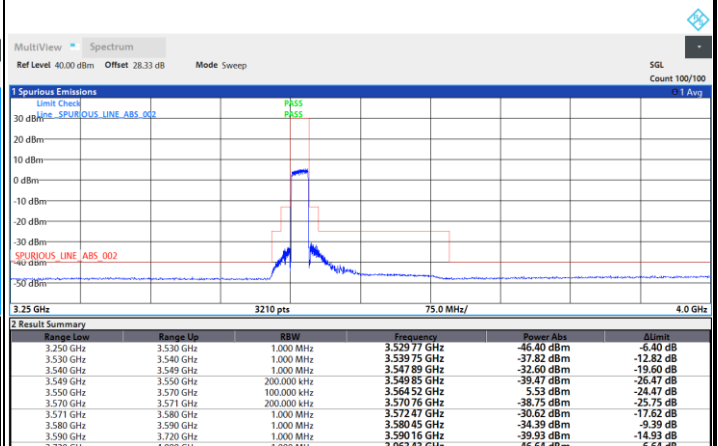
10:49:44 22.05.2023

64QAM



16:50:00 22.05.2023

256QAM

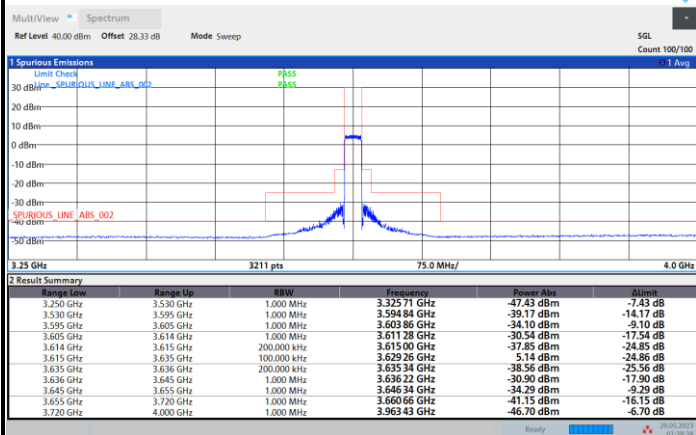


21:01:28 22.05.2023



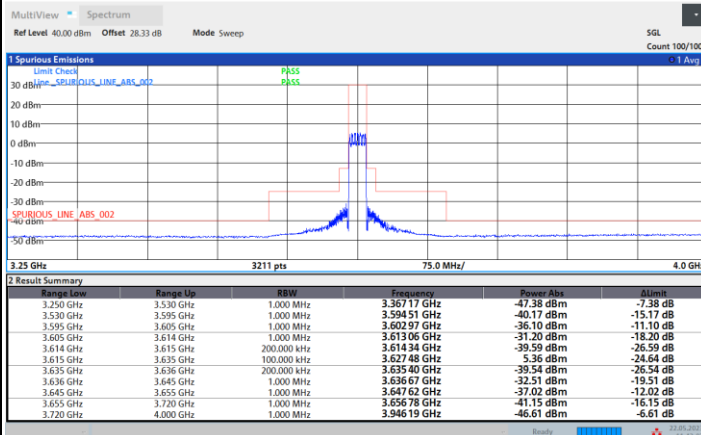
FR1 n48 / 20MHz / Middle Channel / MASK

QPSK



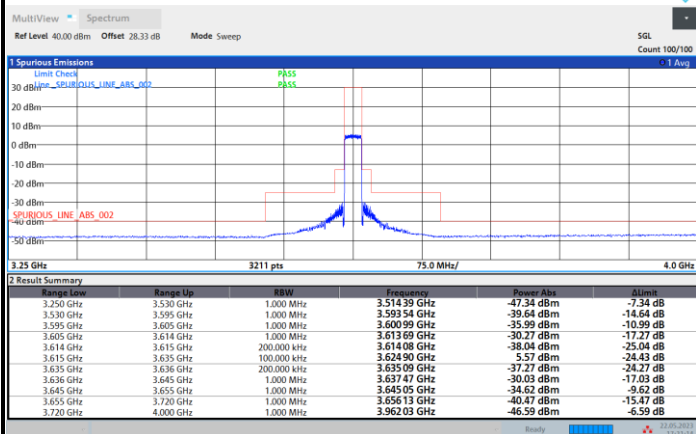
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16QAM



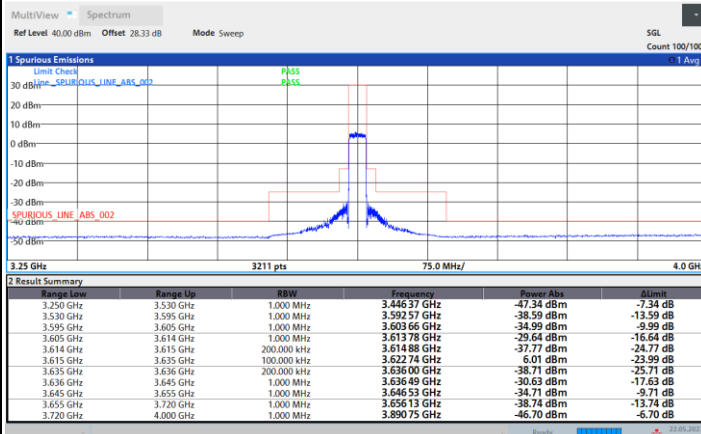
11:42:03 22.05.2023

64QAM



17:21:14 22.05.2023

256QAM

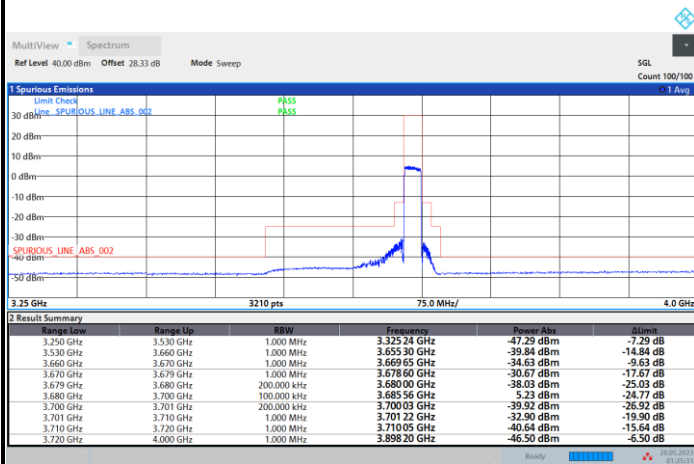


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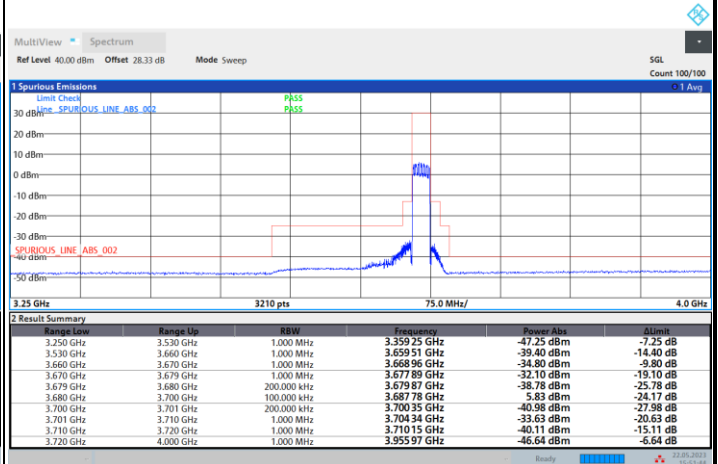
FR1 n48 / 20MHz / Highest Channel / MASK

QPSK



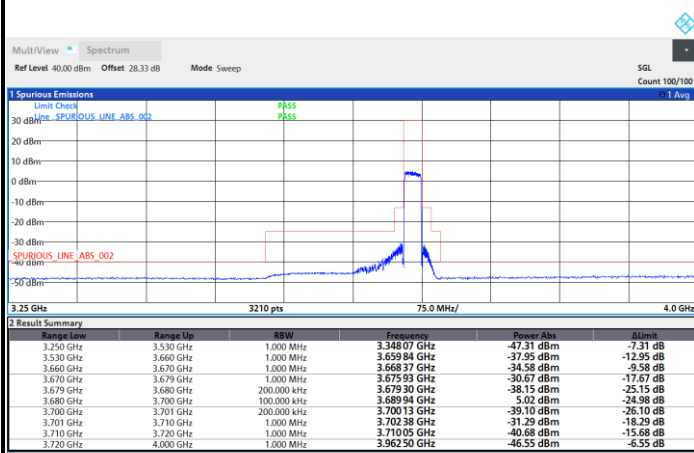
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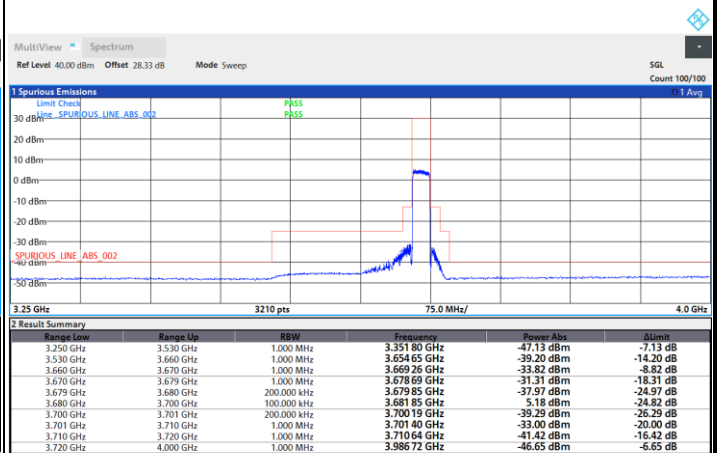
15:51:44 22.05.2023

64QAM



17:54:32 22.05.2023

256QAM



19:56:56 22.05.2023