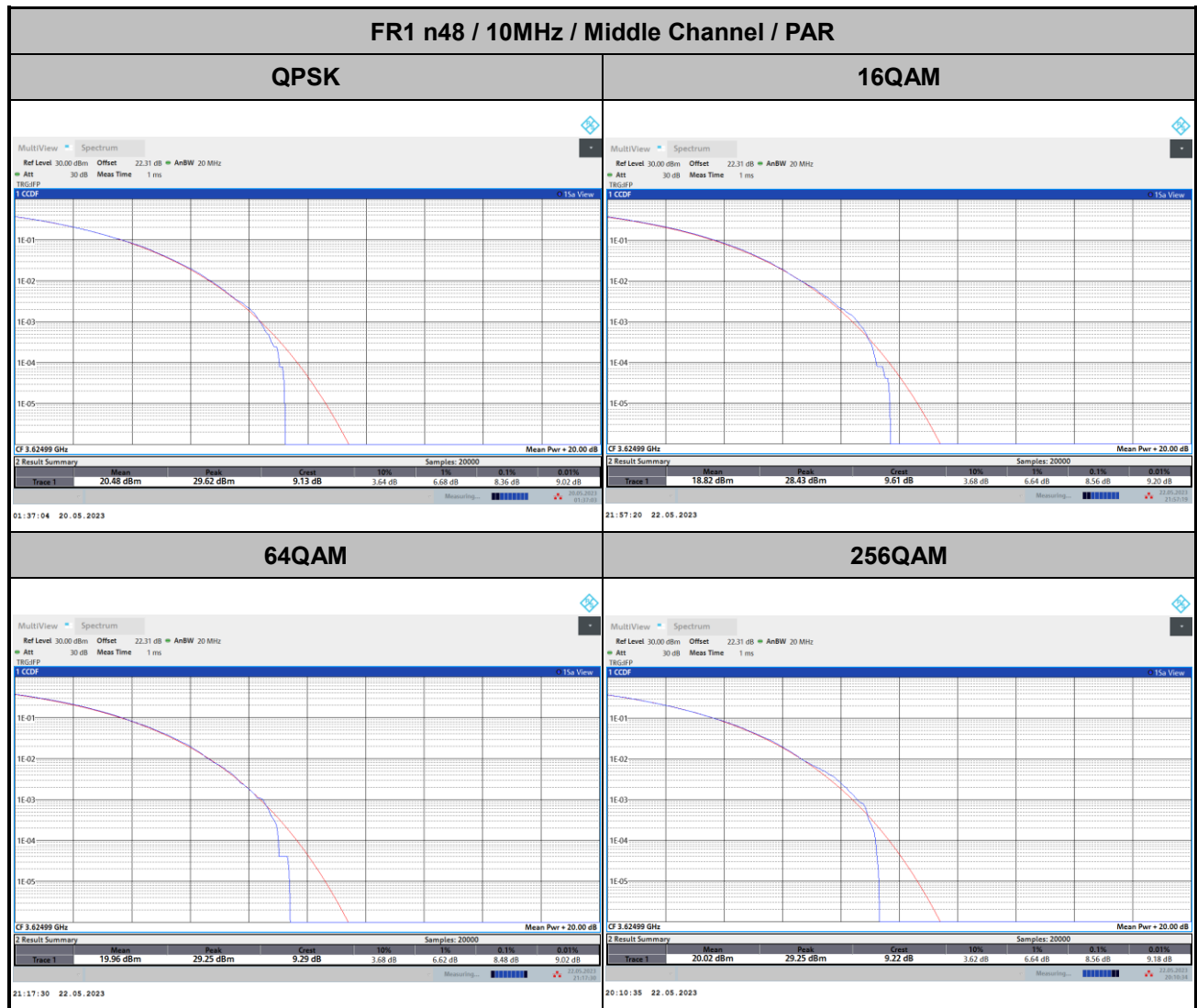




Peak-to-Average Ratio

Mode	FR1 n48 / 20 MHz / PAR (dB)				Limit: 13dB
Mod.	QPSK	16QAM	64QAM	256QAM	Result
Middle CH	8.36	8.56	8.48	8.56	PASS



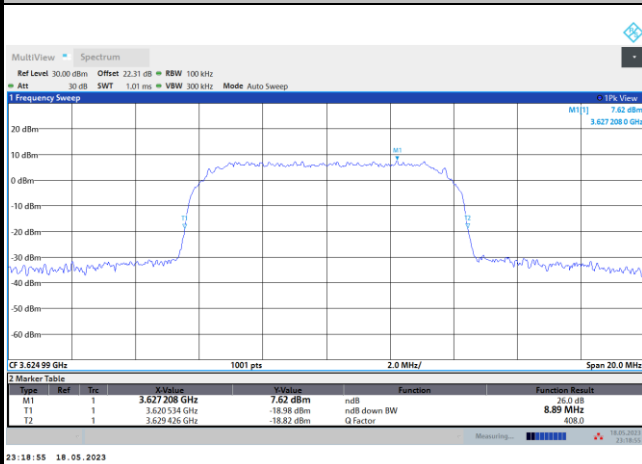
**26dB Bandwidth**

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	19.26	19.26	39.40	39.40	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.89	8.89	19.34	19.38	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	99.70

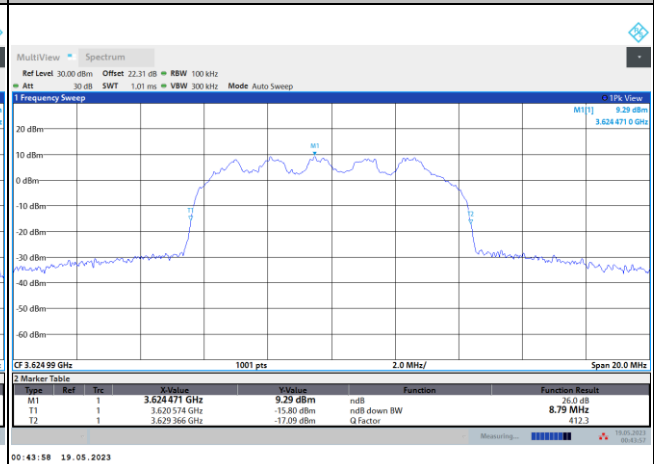


FR1 n48 / 10MHz / Middle Channel / 26dB BW

QPSK



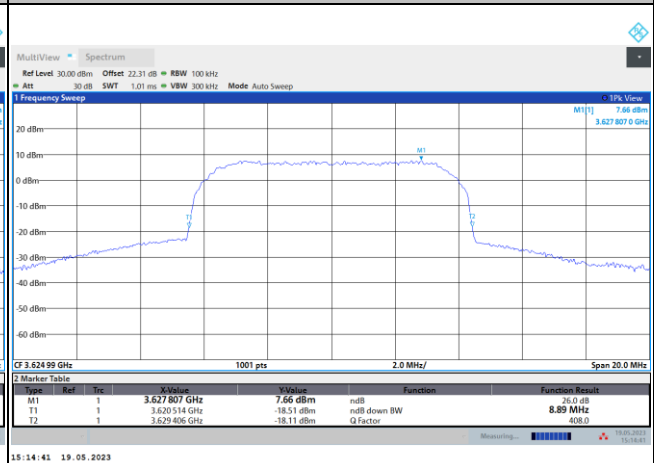
16QAM



64QAM



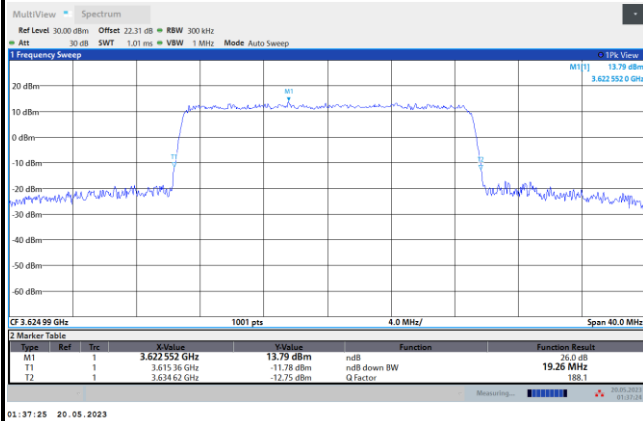
256QAM



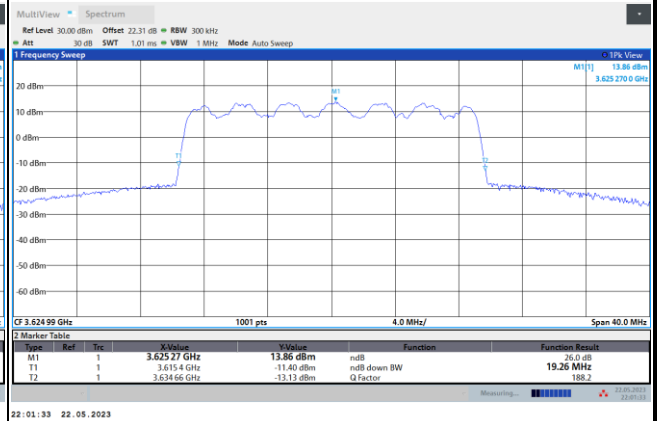


FR1 n48 / 20MHz / Middle Channel / 26dB BW

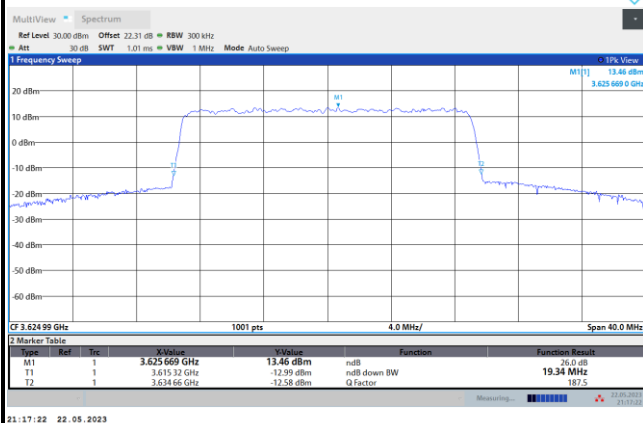
QPSK



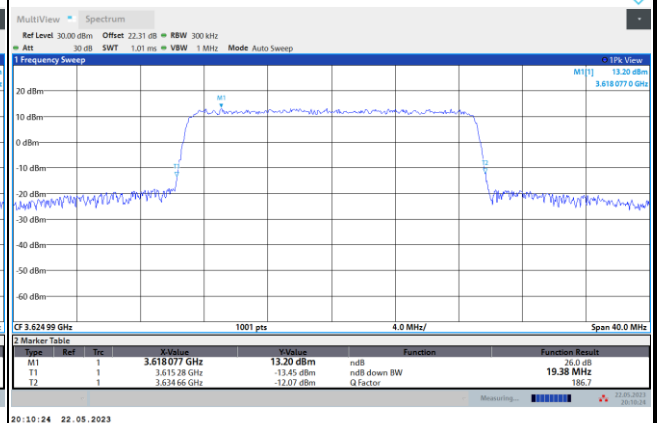
16QAM



64QAM

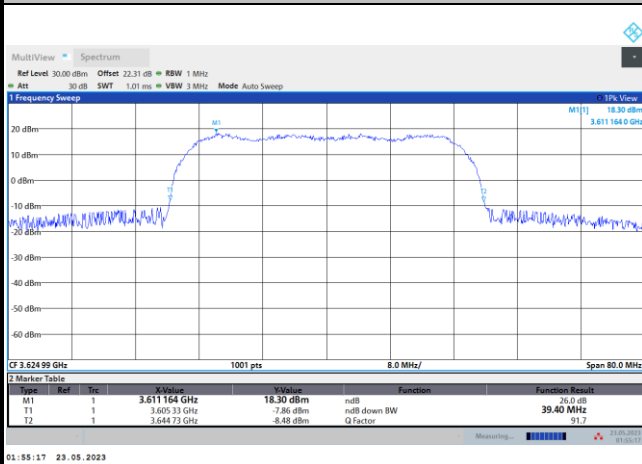


256QAM

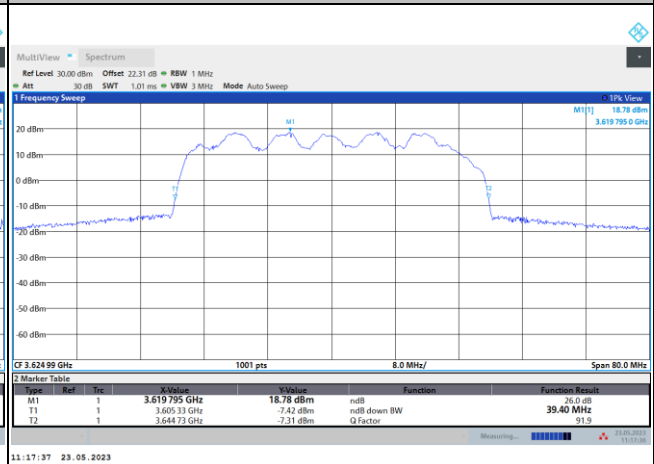


FR1 n48 / 40MHz / Middle Channel / 26dB BW

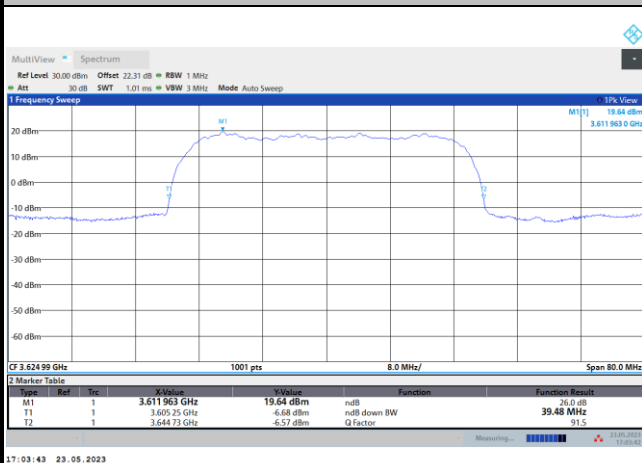
QPSK



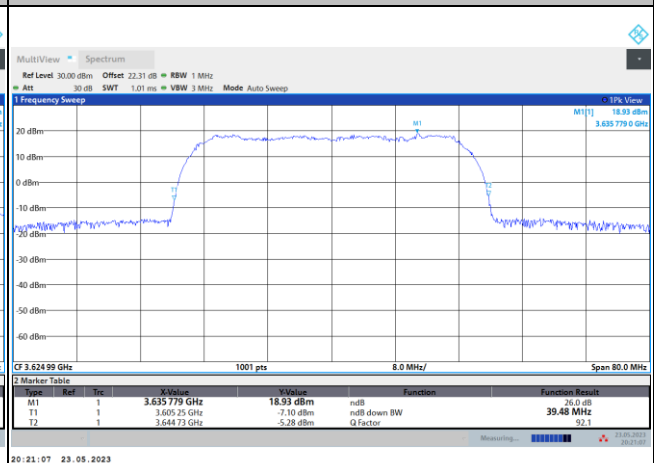
16QAM



64QAM



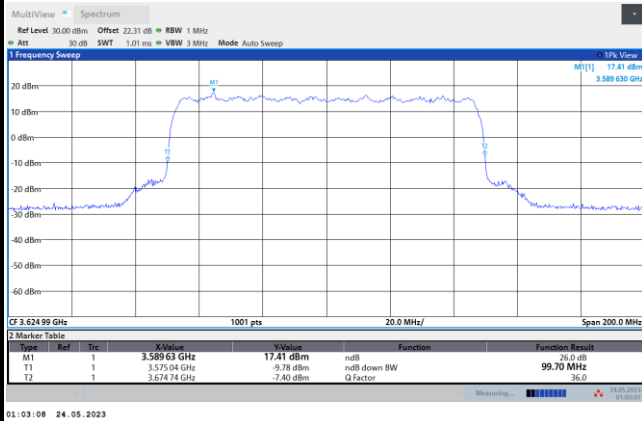
256QAM



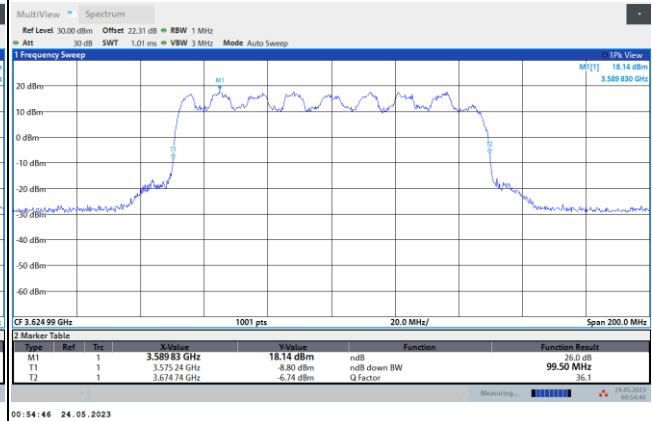


FR1 n48 / 100MHz / Middle Channel / 26dB BW

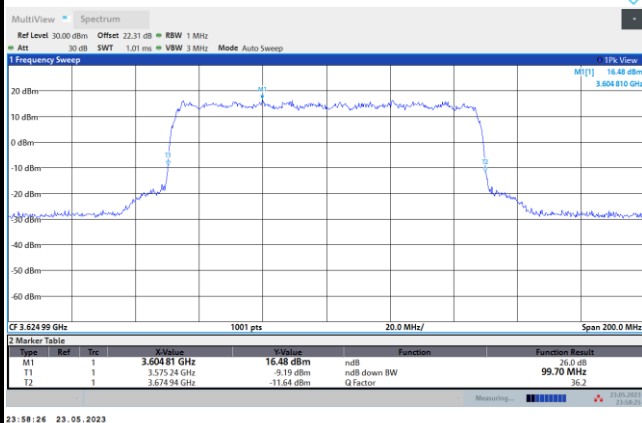
QPSK



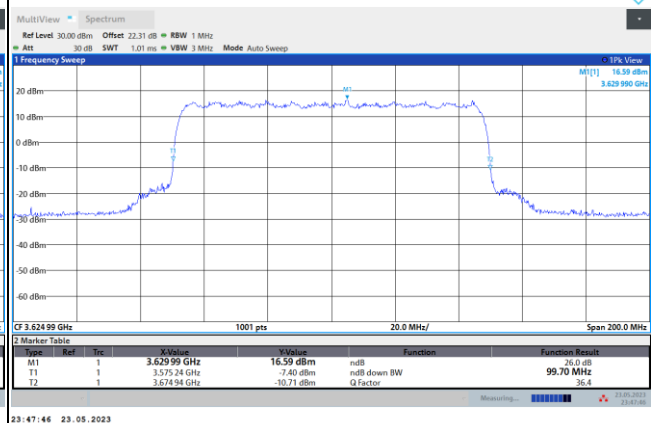
16QAM



64QAM



256QAM



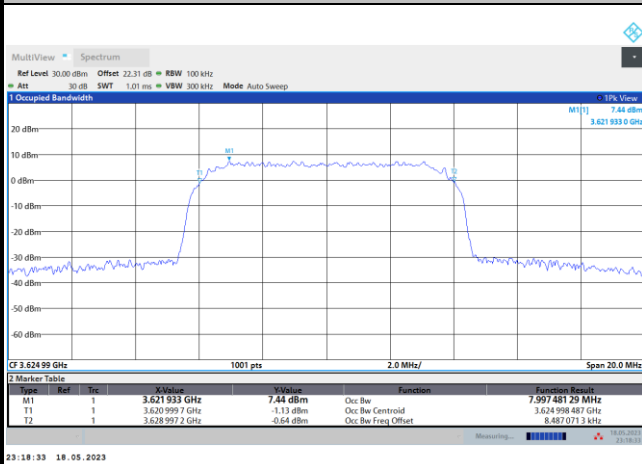
**Occupied Bandwidth**

Mode	FR1 n48 : 99%OBW (MHz)							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	7.99	7.84	18.00	18.07	35.58	35.33	-	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.04	8.02	18.04	18.00	35.53	35.43	-	-
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	-	-	94.13	93.76
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	-	-	94.12	94.33

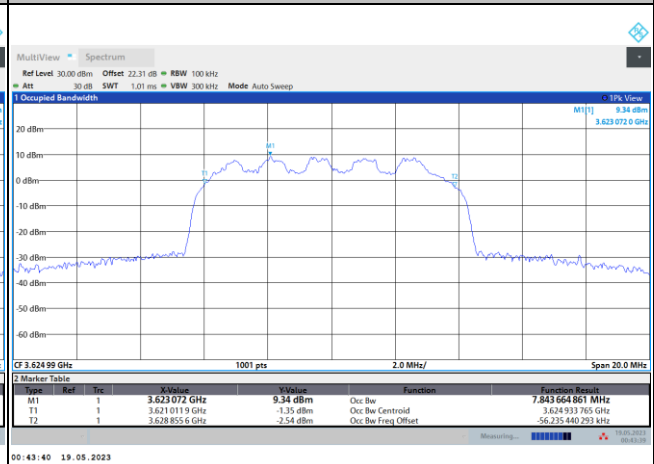


FR1 n48 / 10MHz / Middle Channel / 99%OBW

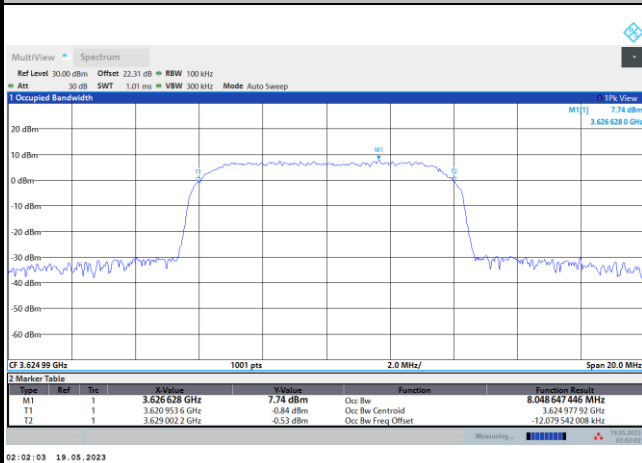
QPSK



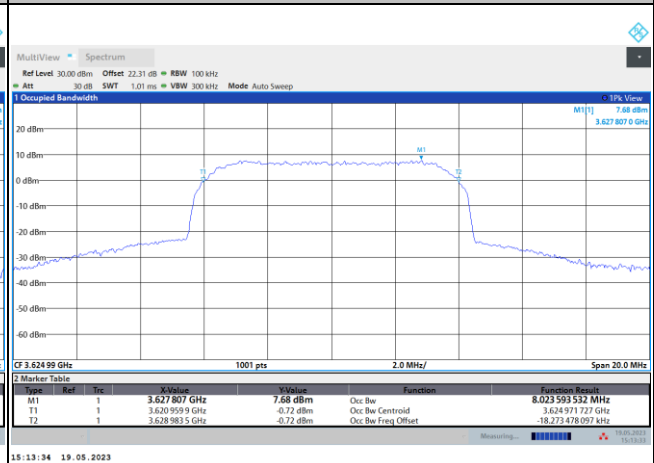
16QAM



64QAM



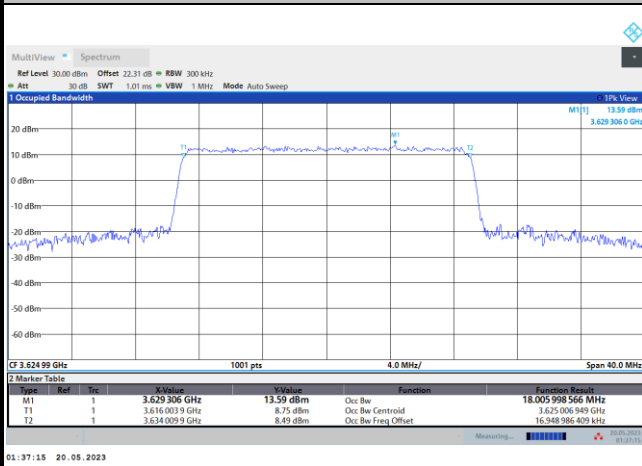
256QAM



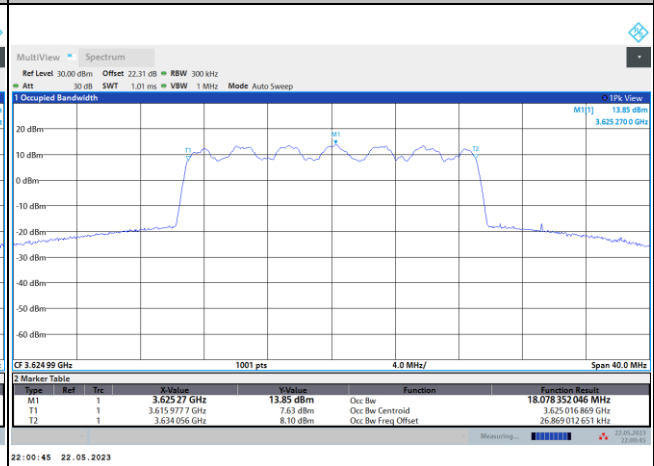


FR1 n48 / 20MHz / Middle Channel / 99%OBW

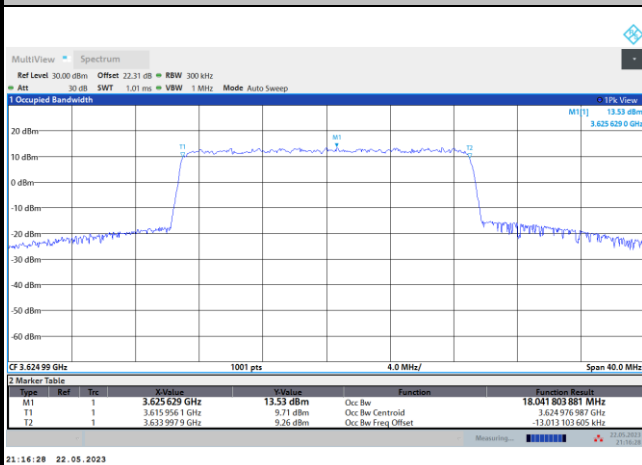
QPSK



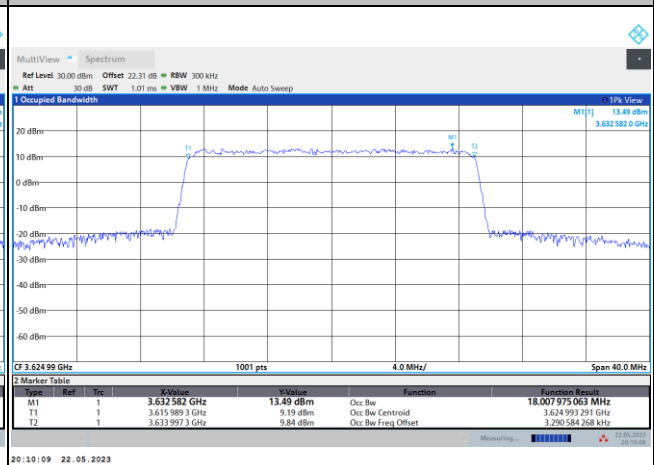
16QAM



64QAM



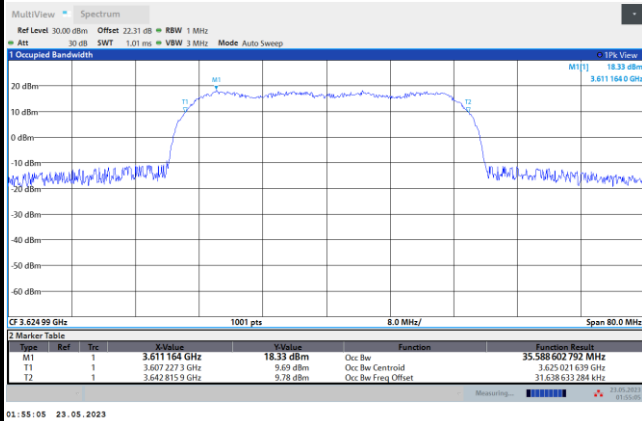
256QAM



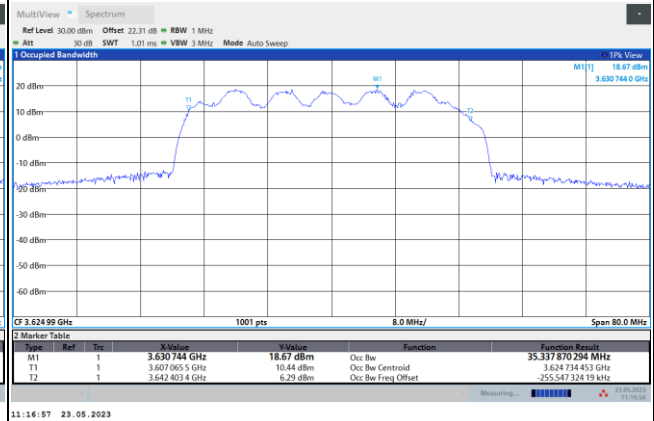


FR1 n48 / 40MHz / Middle Channel / 99%OBW

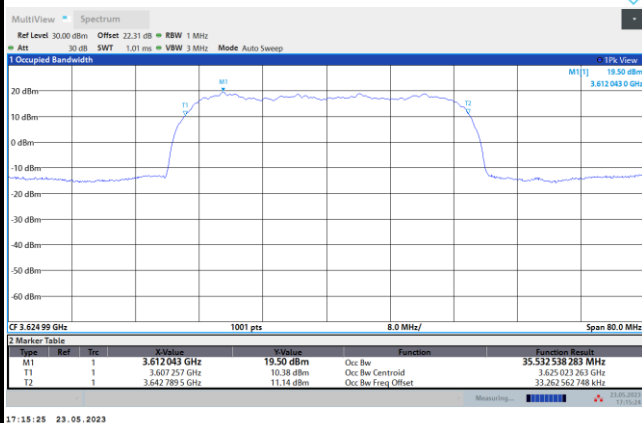
QPSK



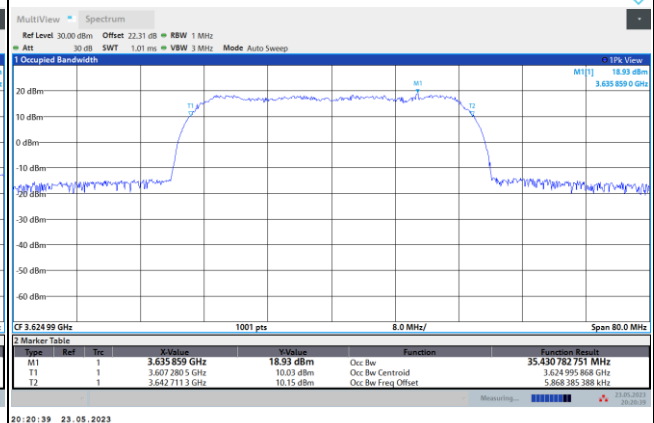
16QAM



64QAM

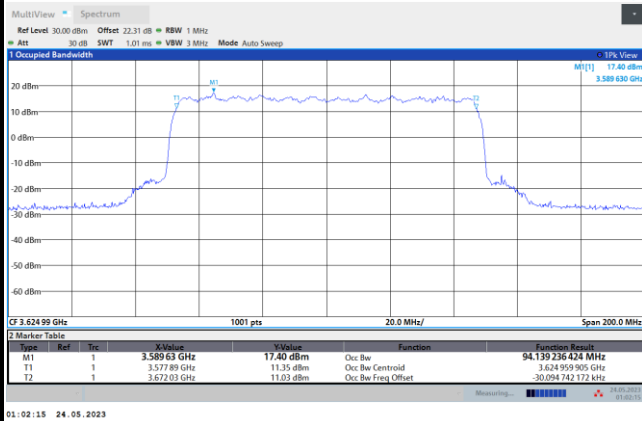


256QAM



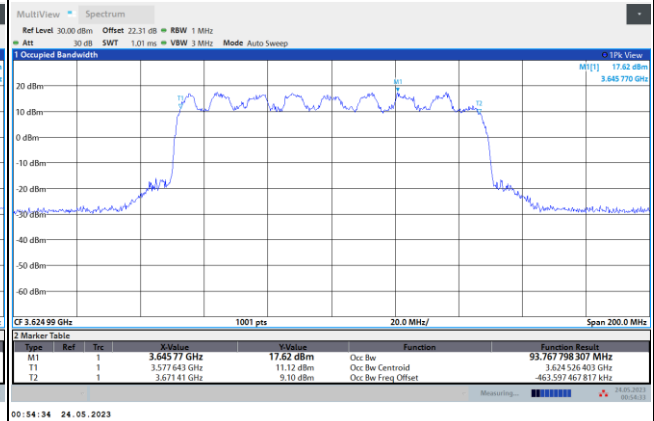
FR1 n48 / 100MHz / Middle Channel / 99%OBW

QPSK



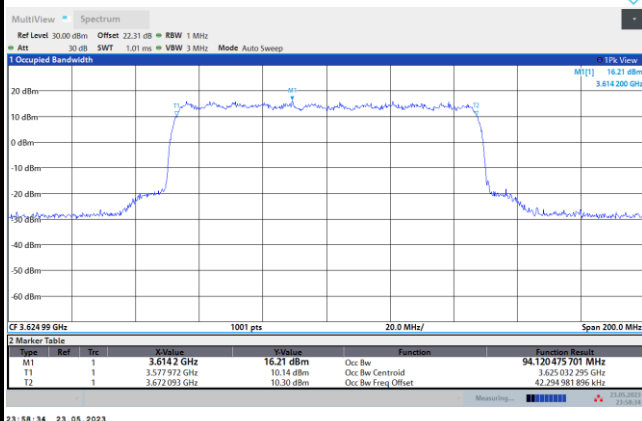
01:02:15 24.05.2023

16QAM



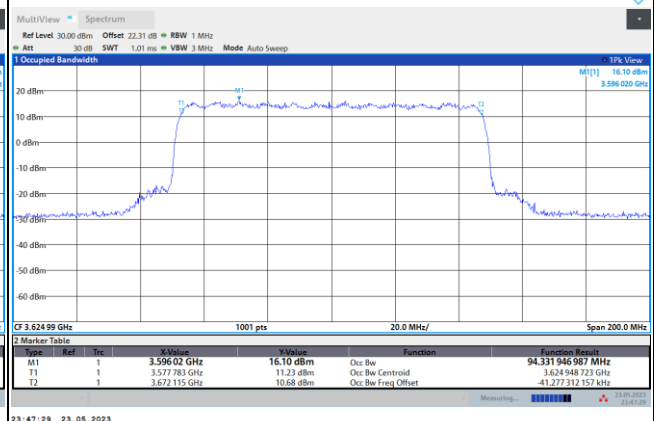
00:54:34 24.05.2023

64QAM



23:58:34 23.05.2023

256QAM



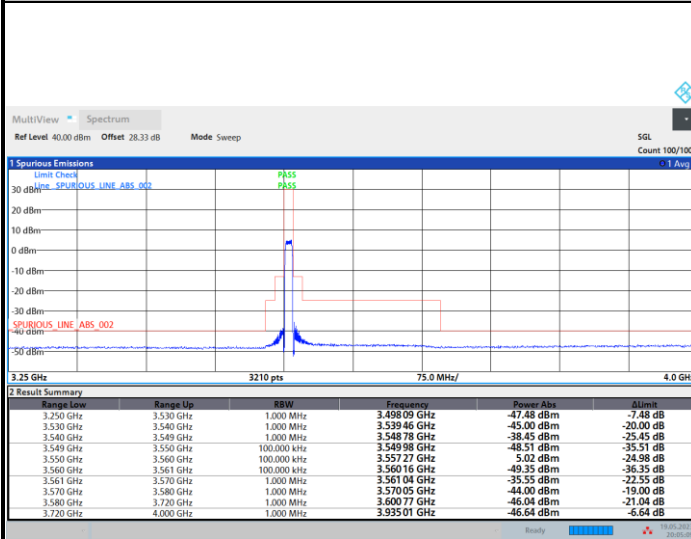
23:47:29 23.05.2023



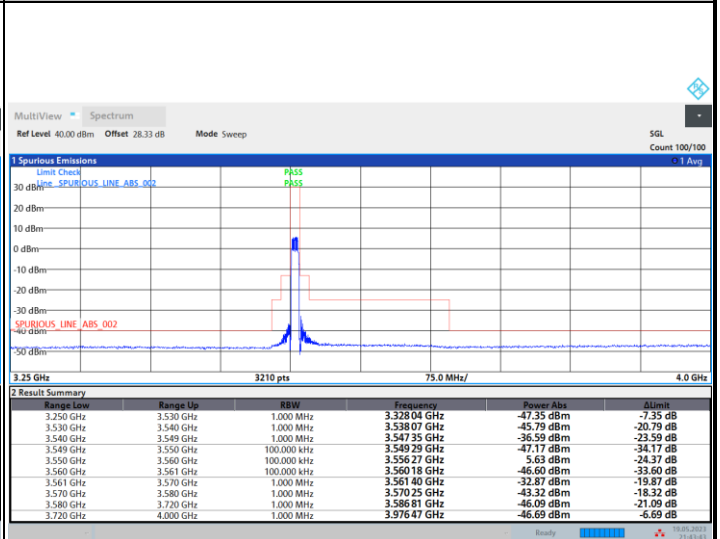
Unwanted Emission (MASK)

FR1 n48 / 10MHz / Lowest Channel / MASK

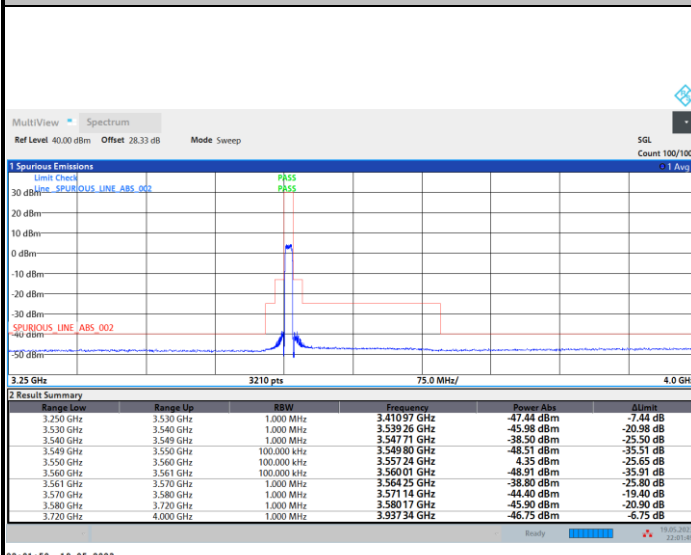
QPSK



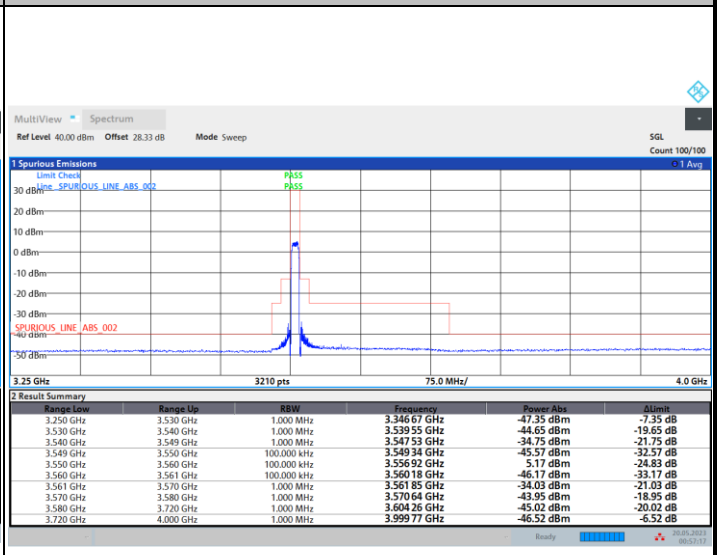
16QAM



64QAM



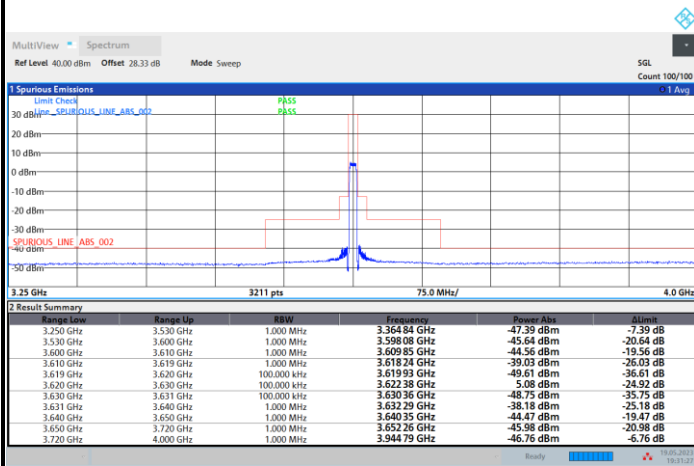
256QAM





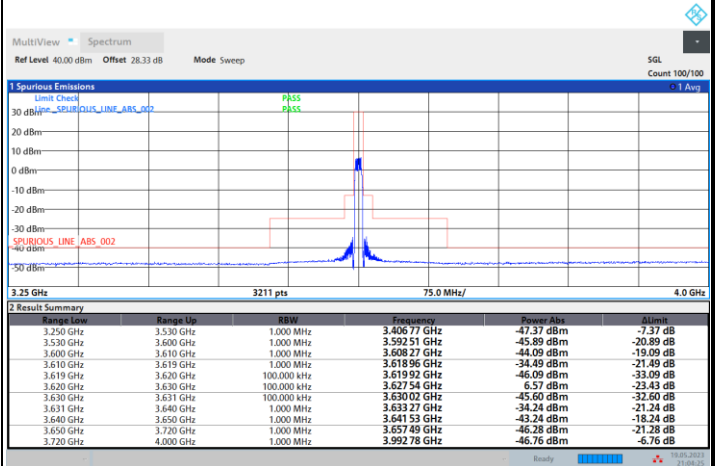
FR1 n48 / 10MHz / Middle Channel / MASK

QPSK



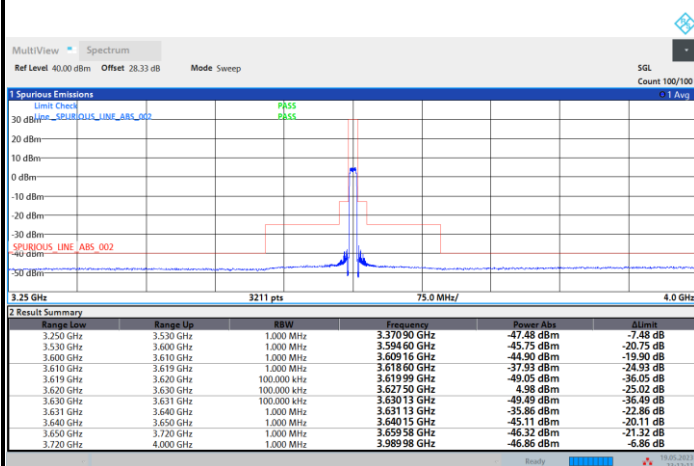
19:31:28 19.05.2023

16QAM



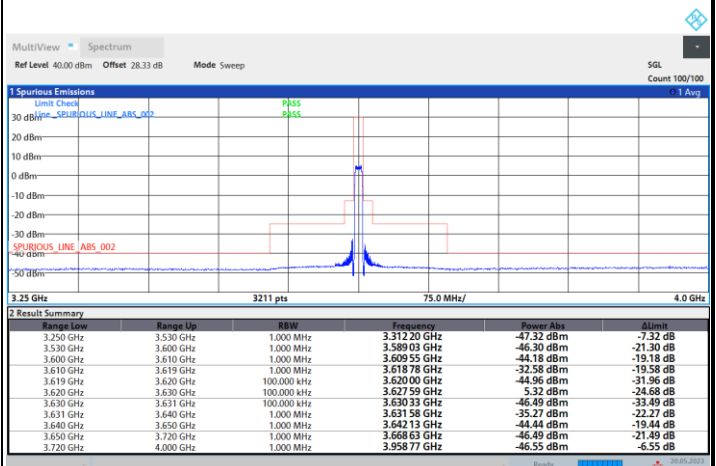
21:04:26 19.05.2023

64QAM



23:12:11 19.05.2023

256QAM

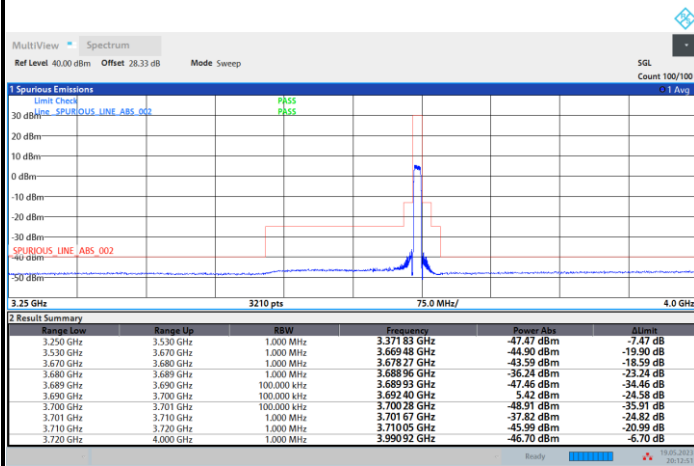


00:34:12 20.05.2023



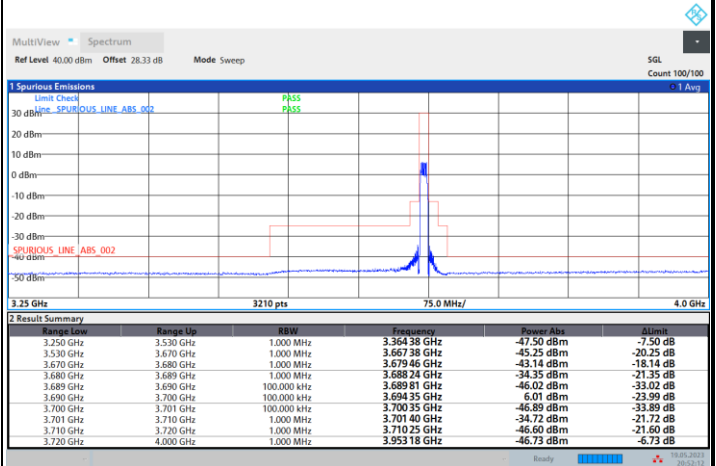
FR1 n48 / 10MHz / Highest Channel / MASK

QPSK



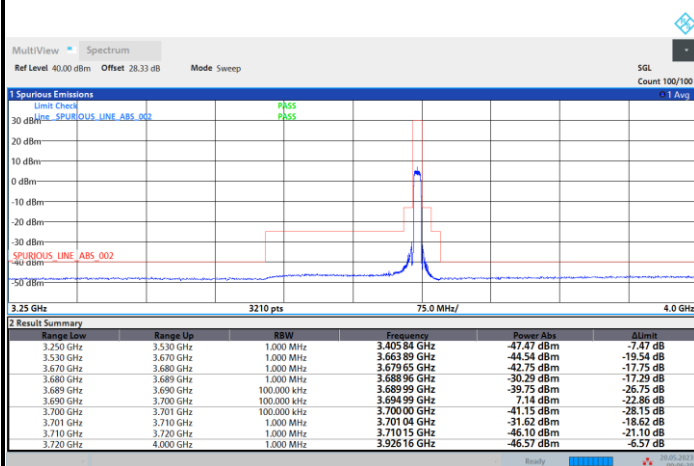
20:12:51 19.05.2023

16QAM



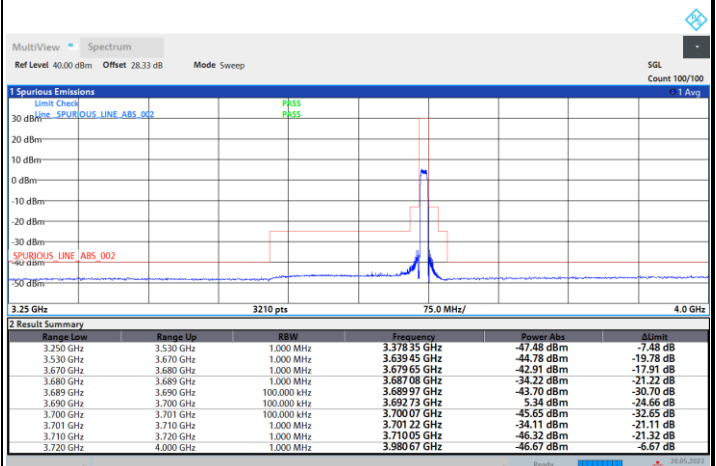
20:52:13 19.05.2023

64QAM



00:06:30 20.05.2023

256QAM

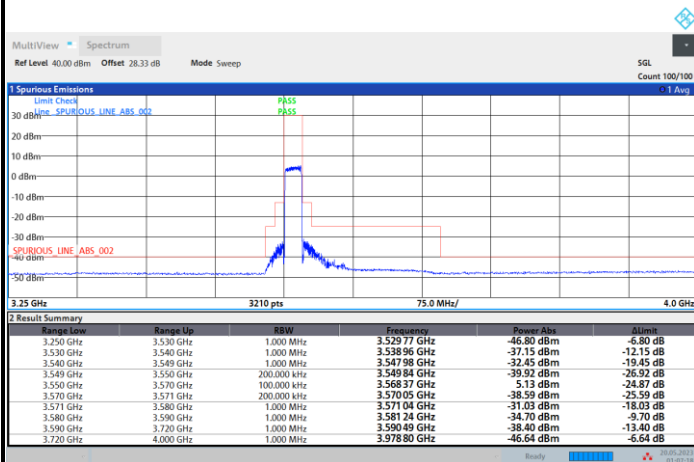


00:26:33 20.05.2023



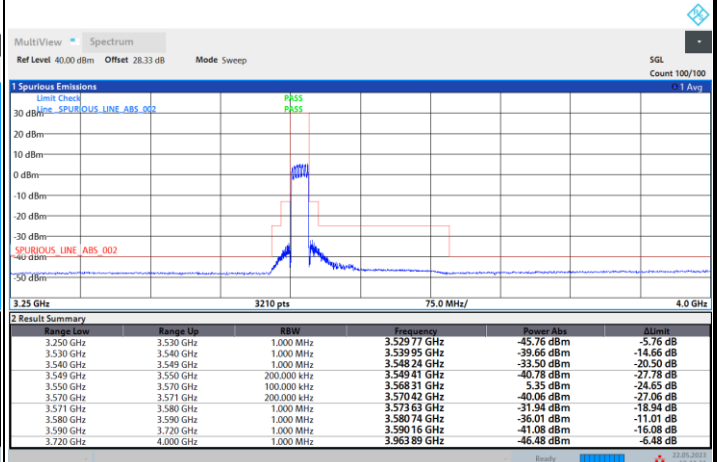
FR1 n48 / 20MHz / Lowest Channel / MASK

QPSK



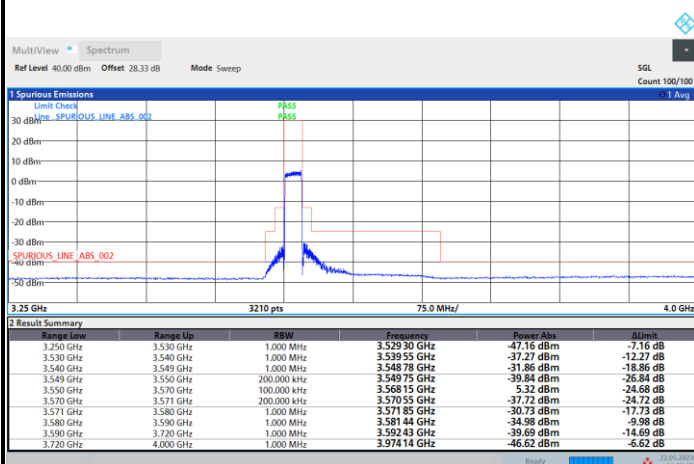
01:07:18 20.05.2023

16QAM



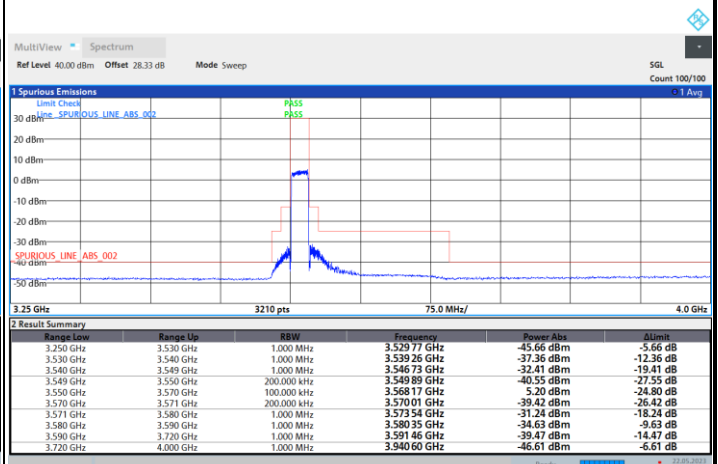
10:44:22 22.05.2023

64QAM



16:35:44 22.05.2023

256QAM

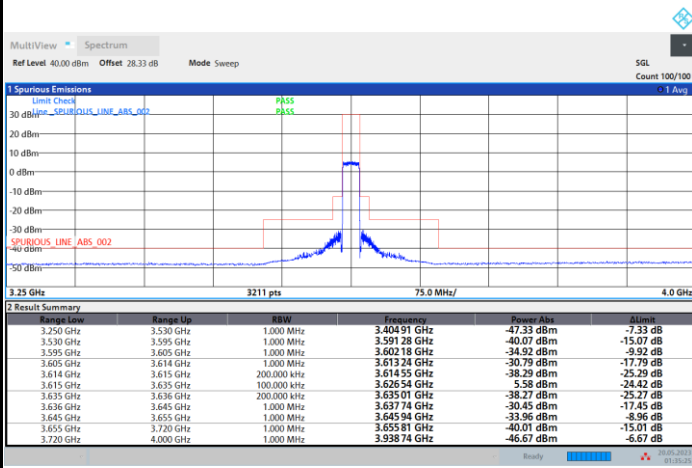


20:57:49 22.05.2023



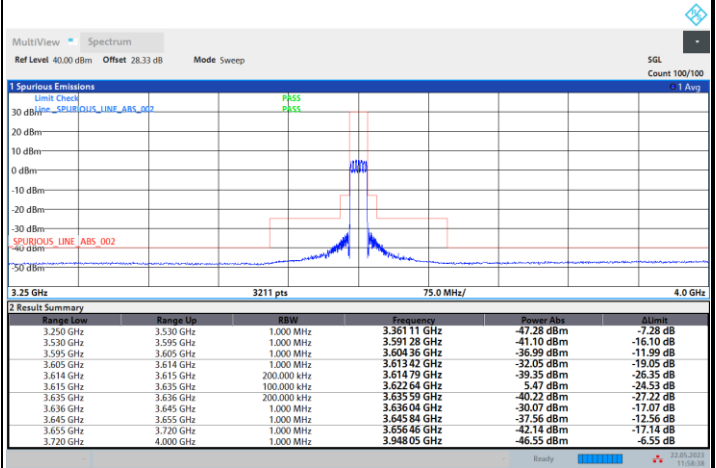
FR1 n48 / 20MHz / Middle Channel / MASK

QPSK



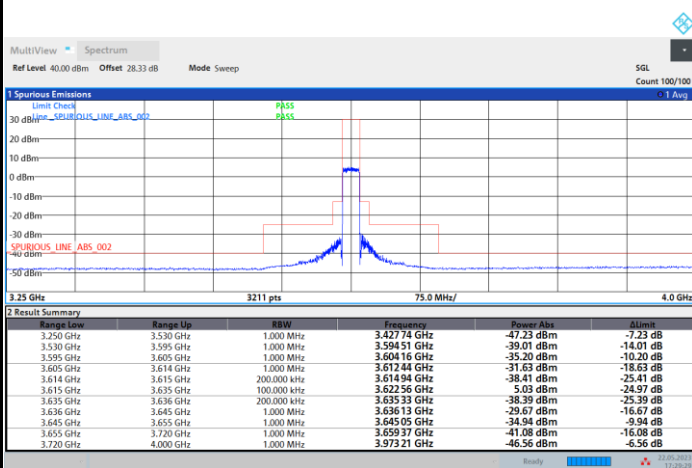
01:35:26 20.05.2023

16QAM



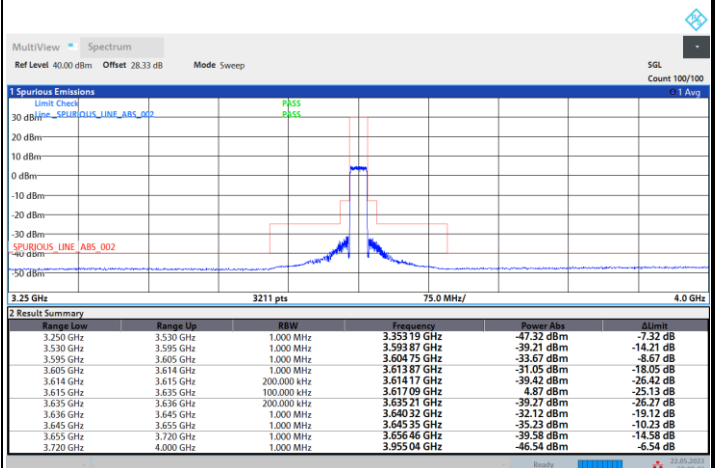
11:58:39 22.05.2023

64QAM



17:29:29 22.05.2023

256QAM

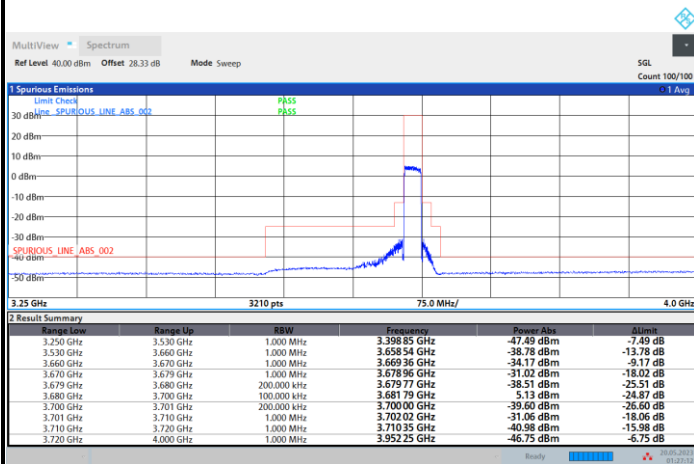


20:09:43 22.05.2023



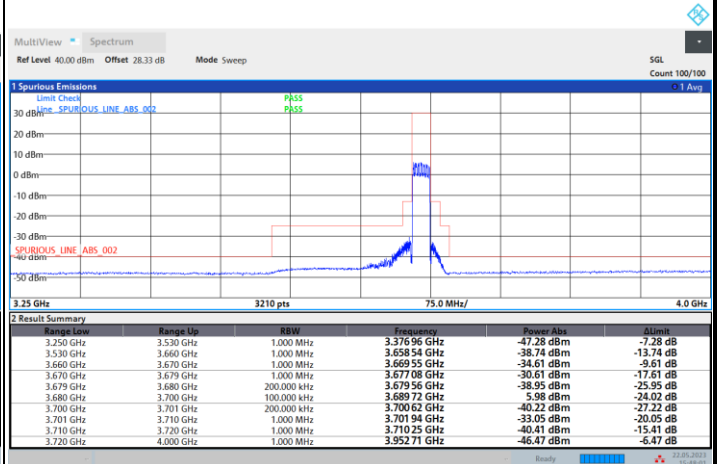
FR1 n48 / 20MHz / Highest Channel / MASK

QPSK



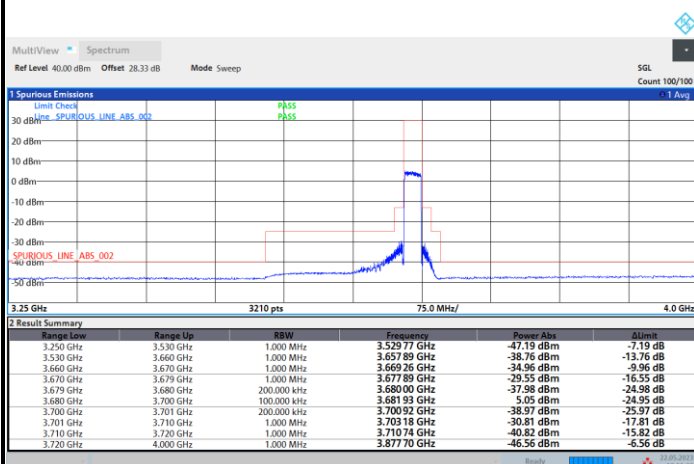
01:27:12 20.05.2023

16QAM



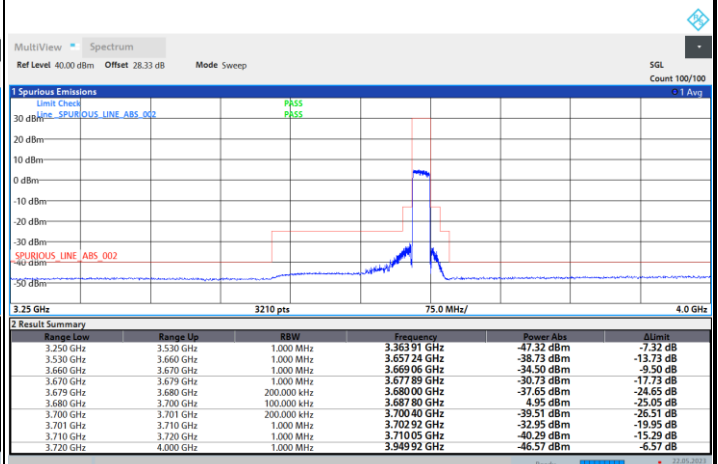
15:48:01 22.05.2023

64QAM



17:51:29 22.05.2023

256QAM

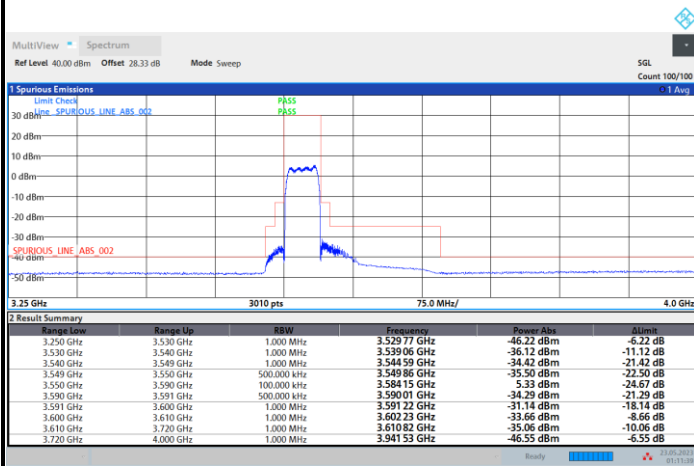


20:00:32 22.05.2023



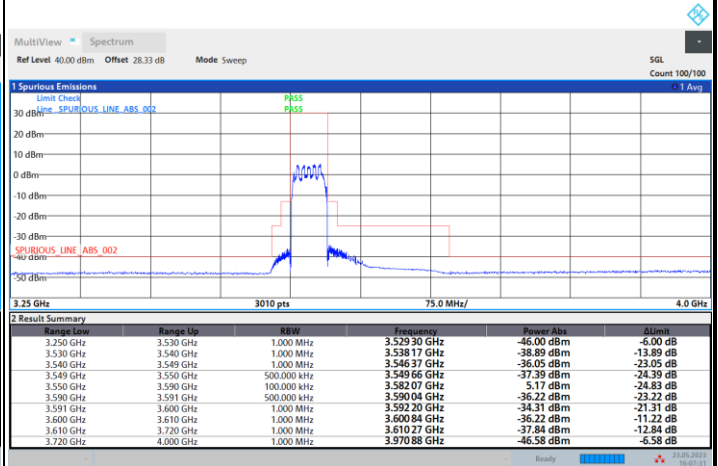
FR1 n48 / 40MHz / Lowest Channel / MASK

QPSK



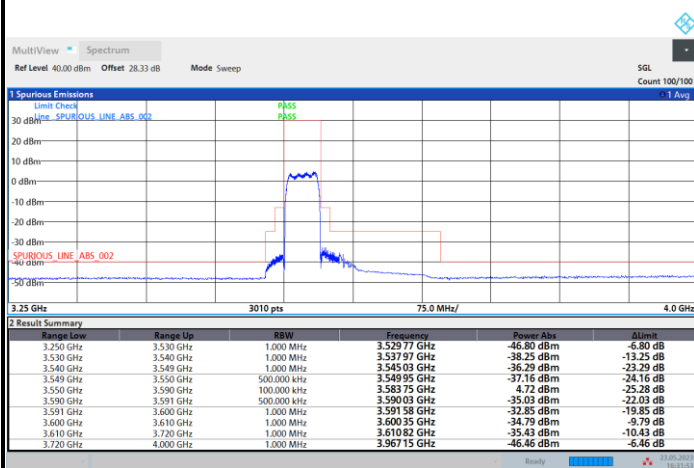
01:11:40 23.05.2023

16QAM



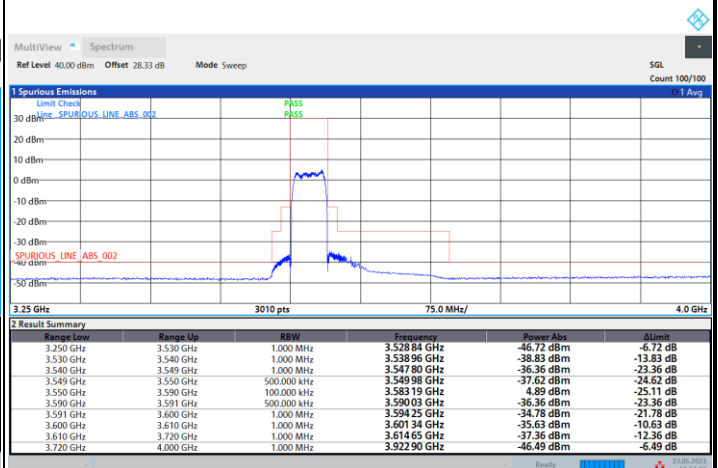
16:07:31 23.05.2023

64QAM



16:31:54 23.05.2023

256QAM

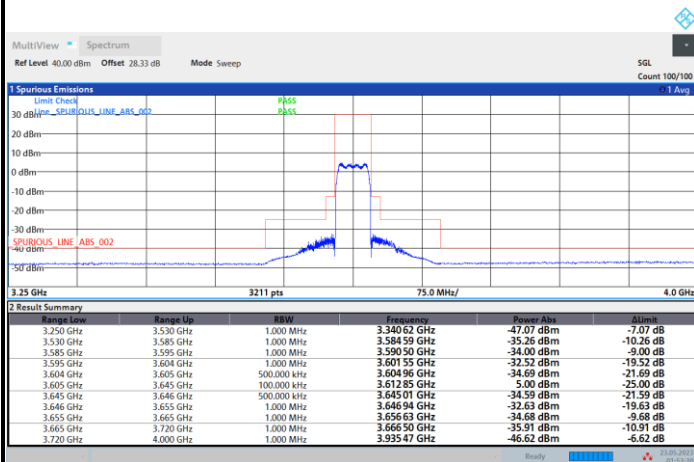


19:54:02 23.05.2023



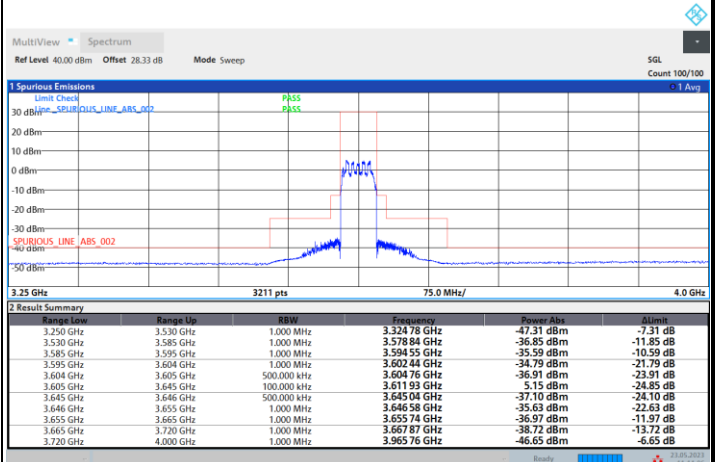
FR1 n48 / 40MHz / Middle Channel / MASK

QPSK



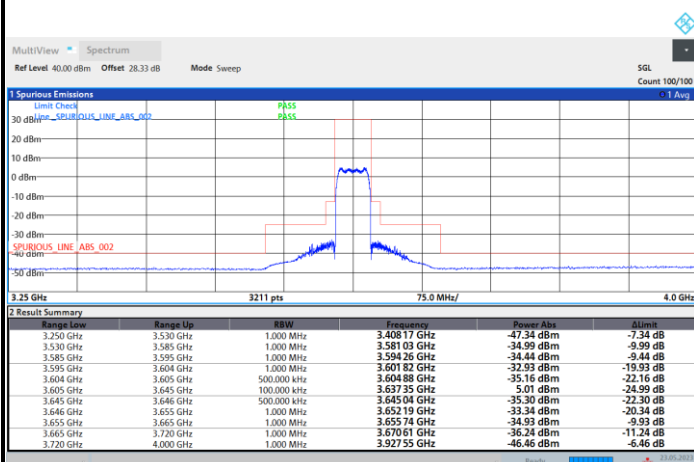
01:53:21 23.05.2023

16QAM



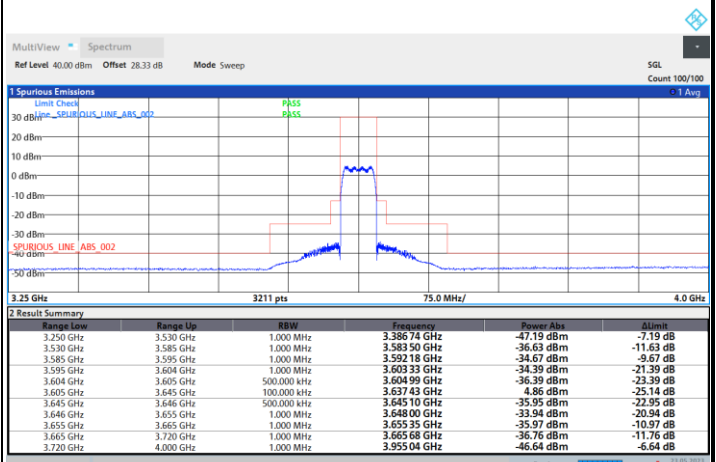
11:14:07 23.05.2023

64QAM



17:03:59 23.05.2023

256QAM

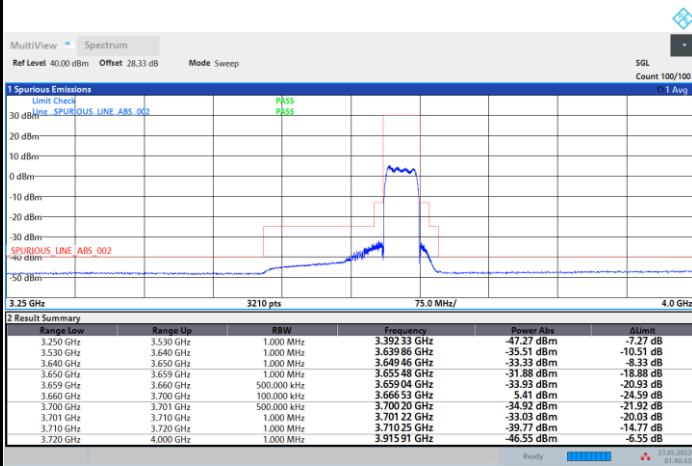


20:17:52 23.05.2023



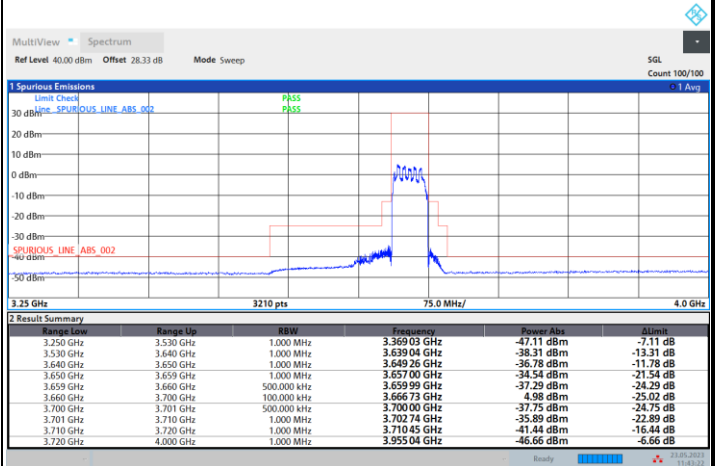
FR1 n48 / 40MHz / Highest Channel / MASK

QPSK



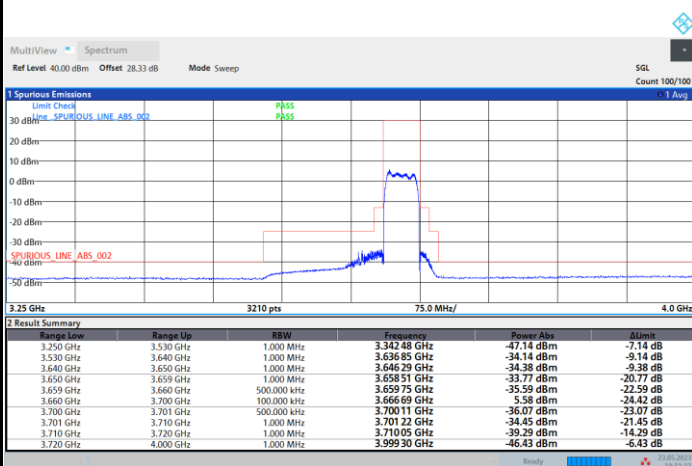
01:40:54 23.05.2023

16QAM



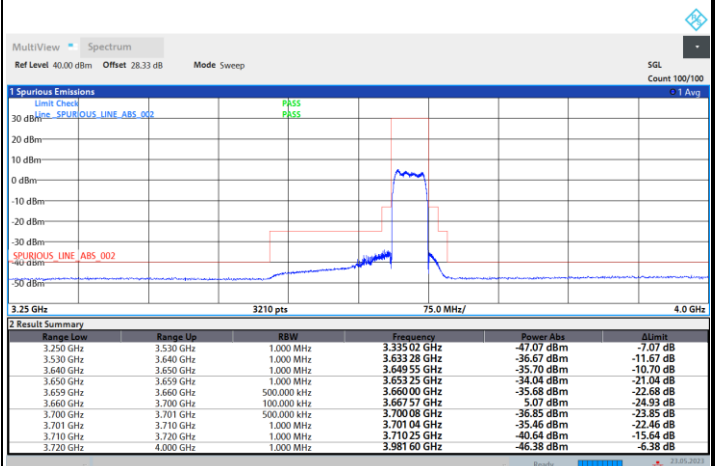
11:43:23 23.05.2023

64QAM



19:31:13 23.05.2023

256QAM



19:21:40 23.05.2023