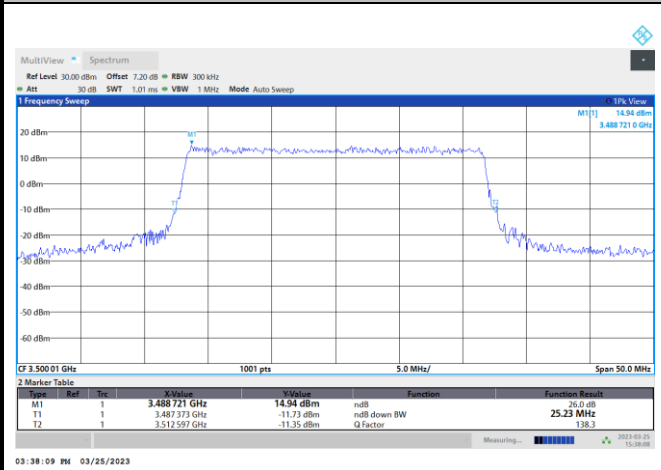


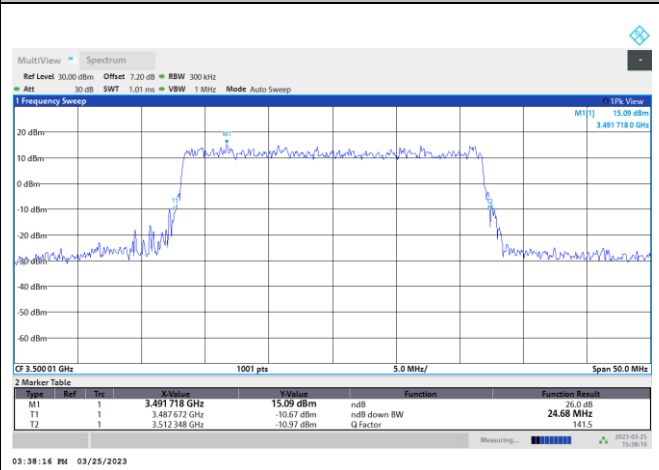


FR1 n77 / 25MHz / CP OFDM / Middle Channel / Full RB

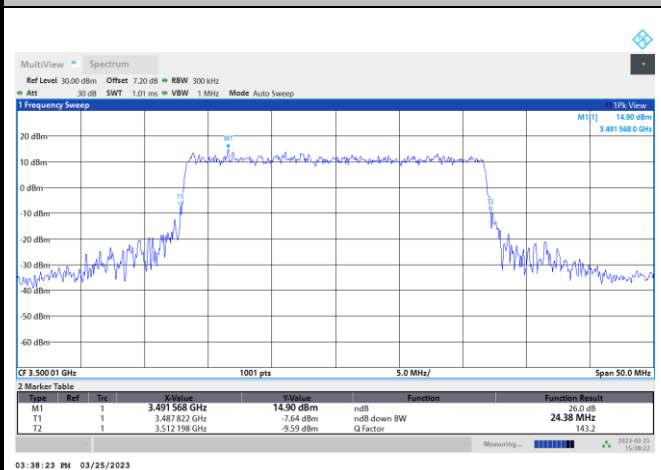
QPSK



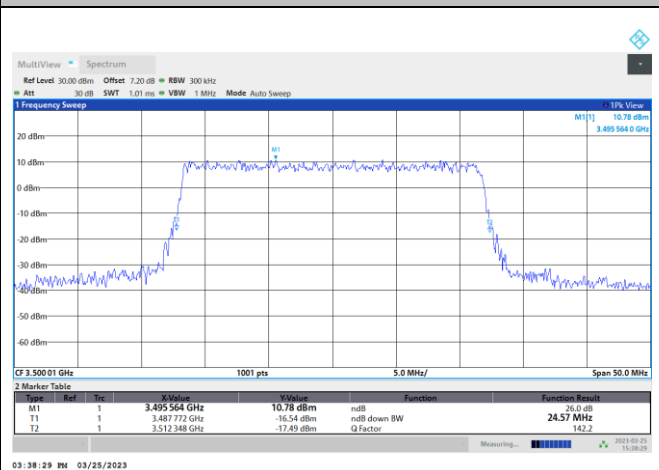
16QAM



64QAM



256QAM

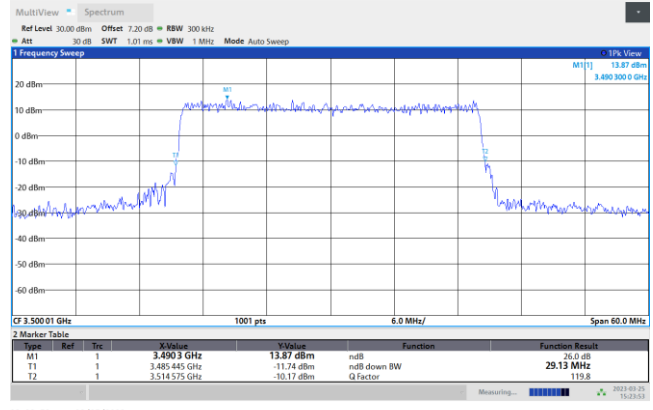
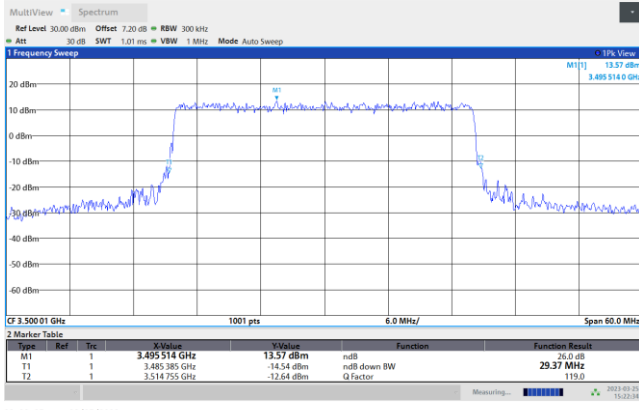




FR1 n77 / 30MHz / CP OFDM / Middle Channel / Full RB

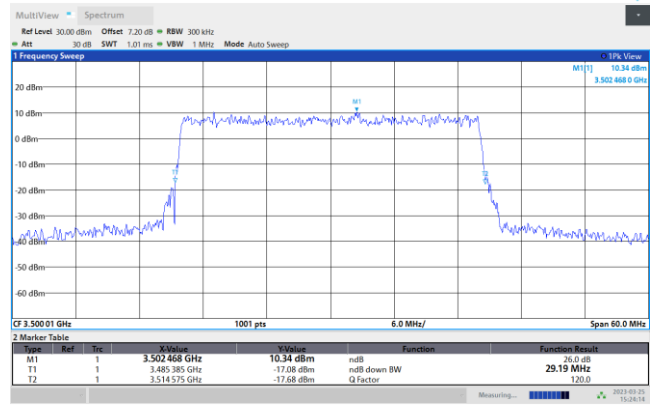
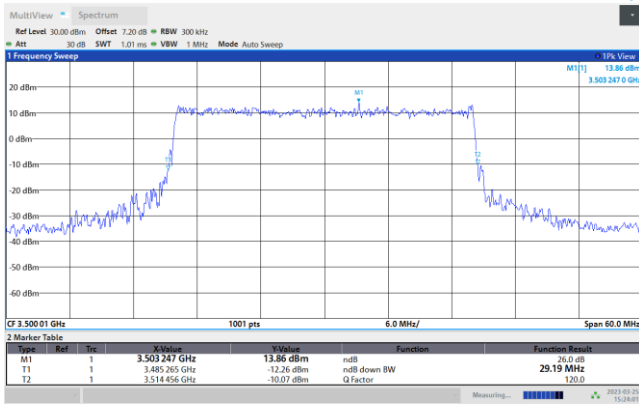
QPSK

16QAM



64QAM

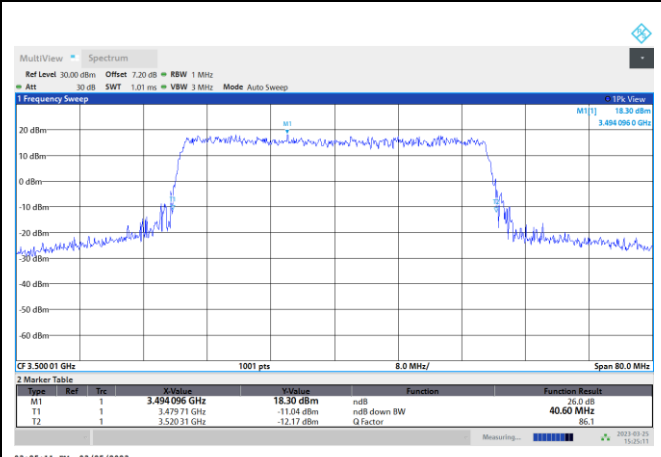
256QAM



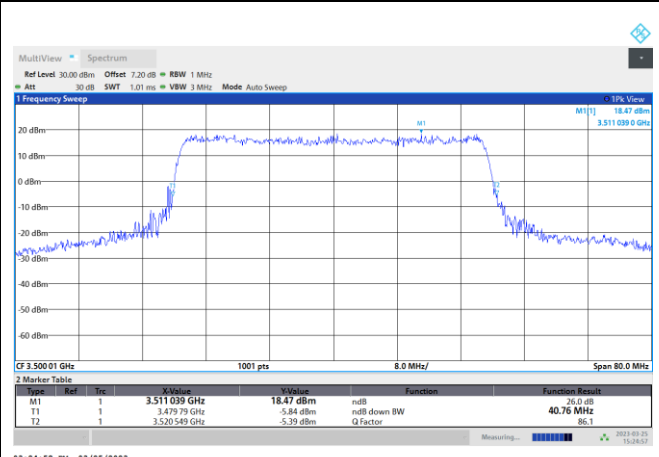


FR1 n77 / 40MHz / CP OFDM / Middle Channel / Full RB

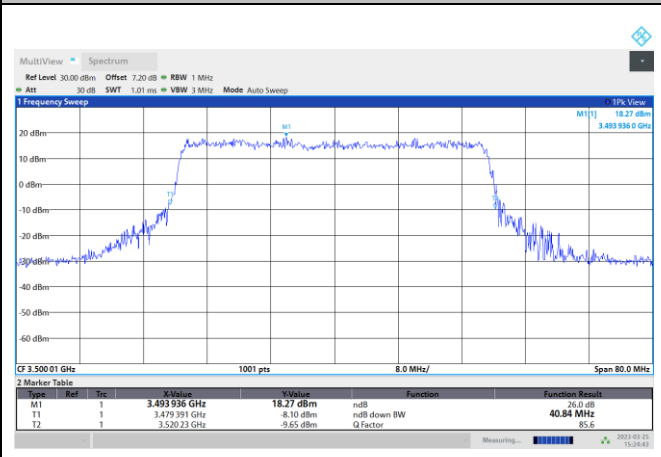
QPSK



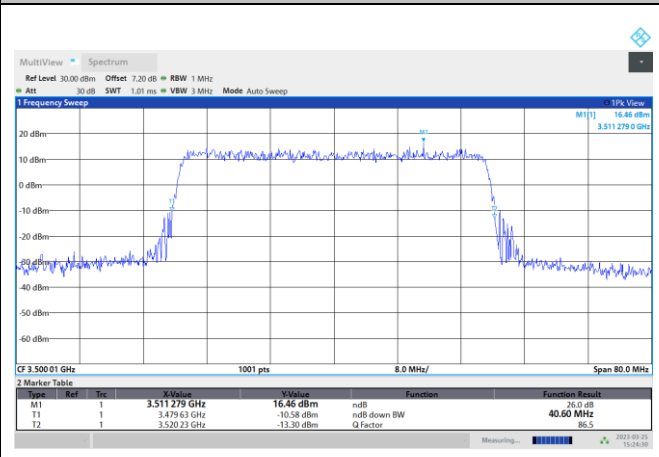
16QAM



64QAM



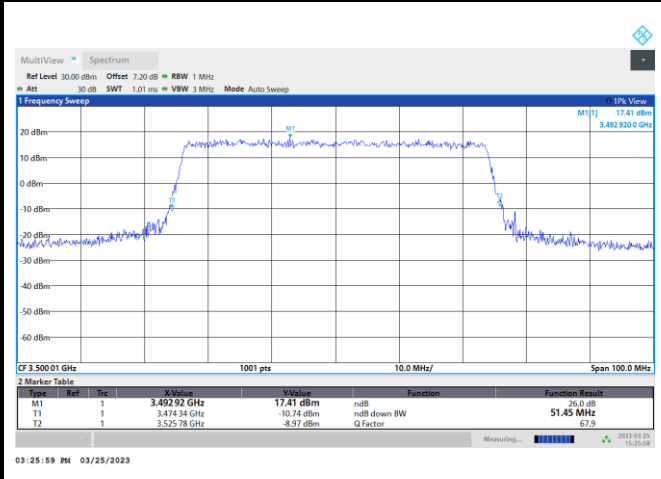
256QAM



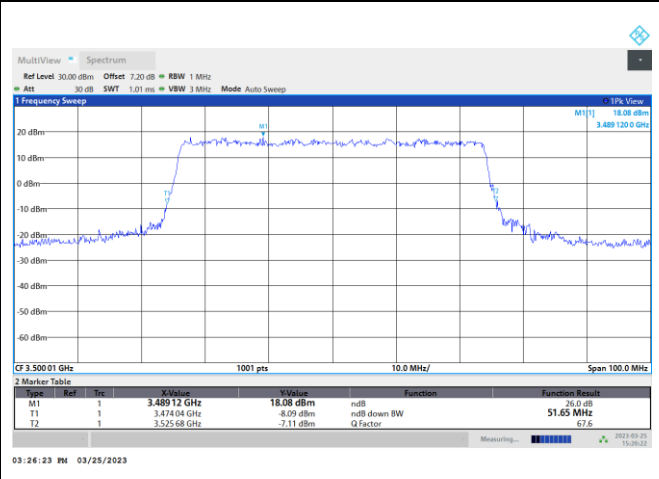


FR1 n77 / 50MHz / CP OFDM / Middle Channel / Full RB

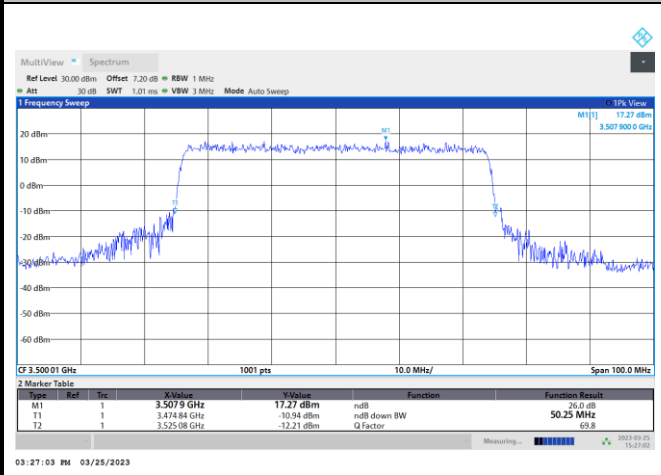
QPSK



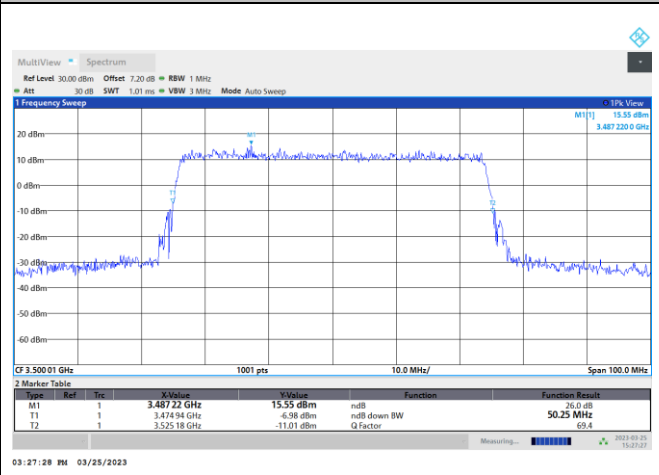
16QAM



64QAM



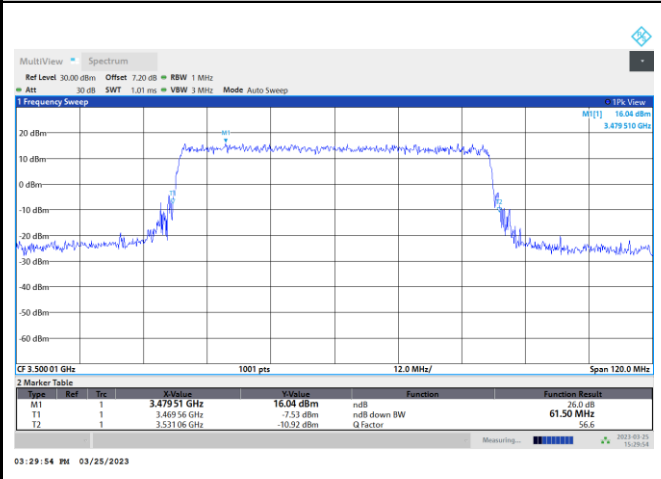
256QAM



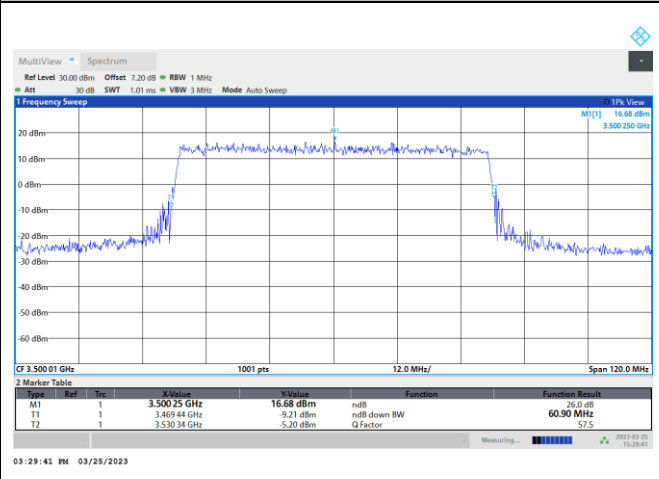


FR1 n77 / 60MHz / CP OFDM / Middle Channel / Full RB

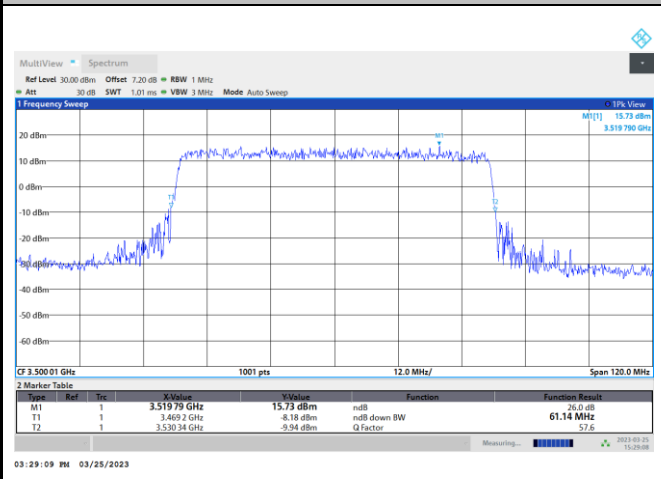
QPSK



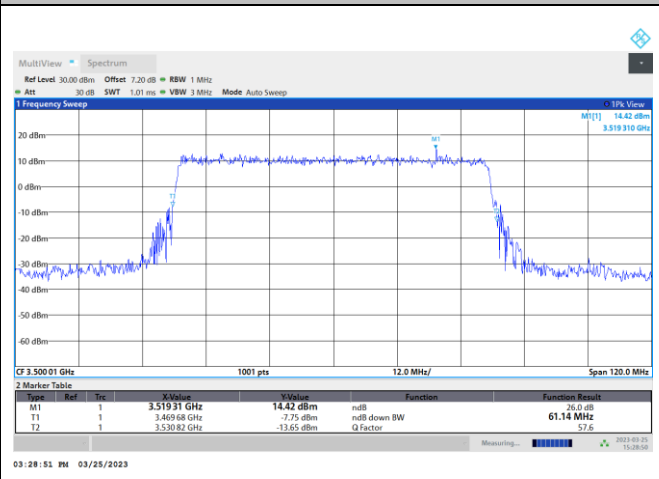
16QAM



64QAM



256QAM

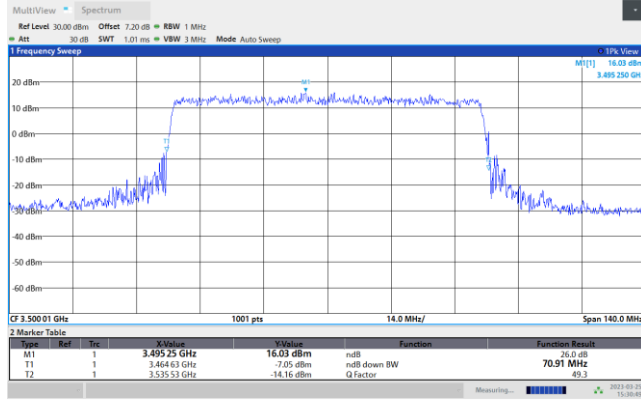
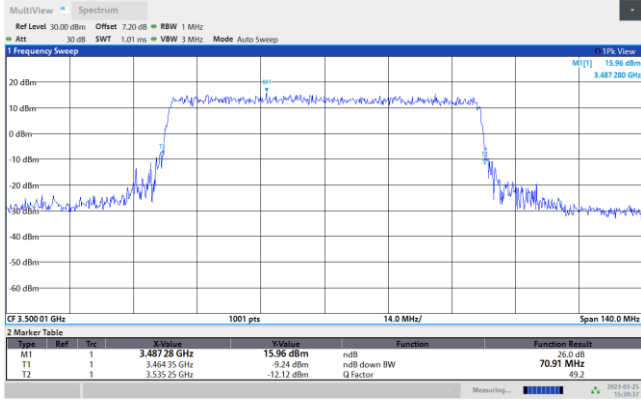




FR1 n77 / 70MHz / CP OFDM / Middle Channel / Full RB

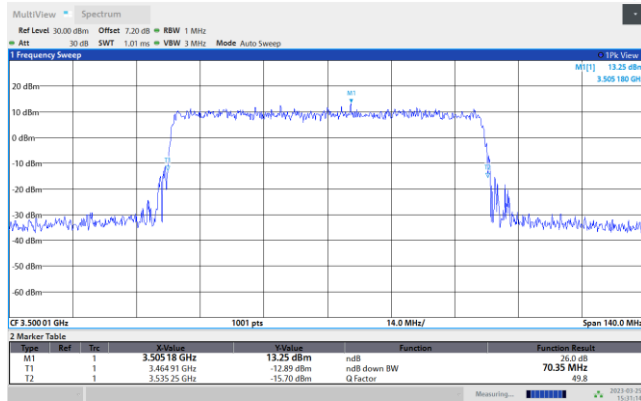
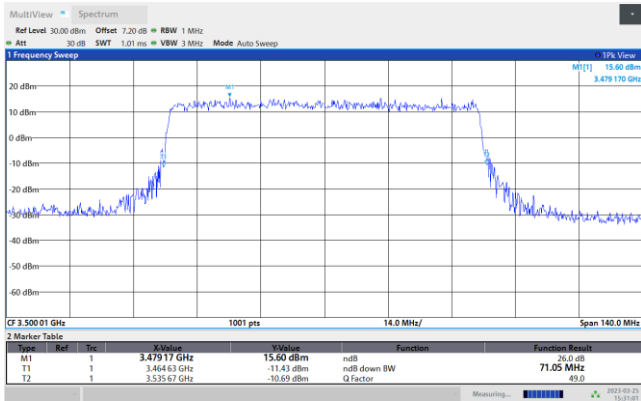
QPSK

16QAM



64QAM

256QAM

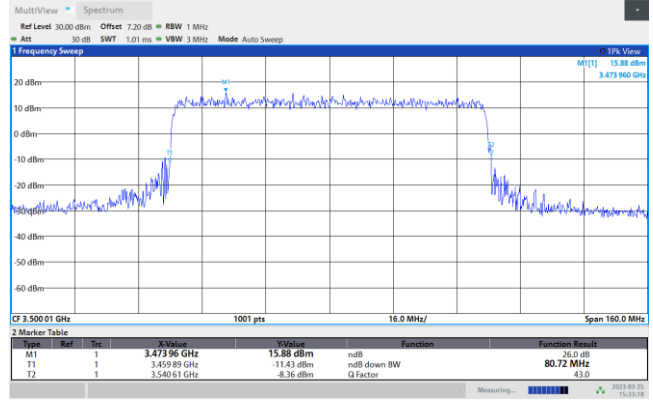
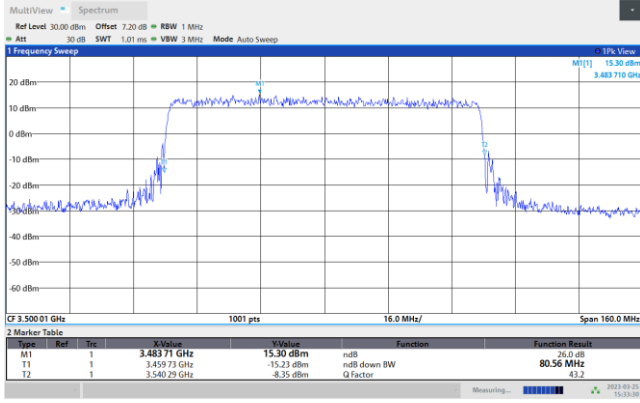




FR1 n77 / 80MHz / CP OFDM / Middle Channel / Full RB

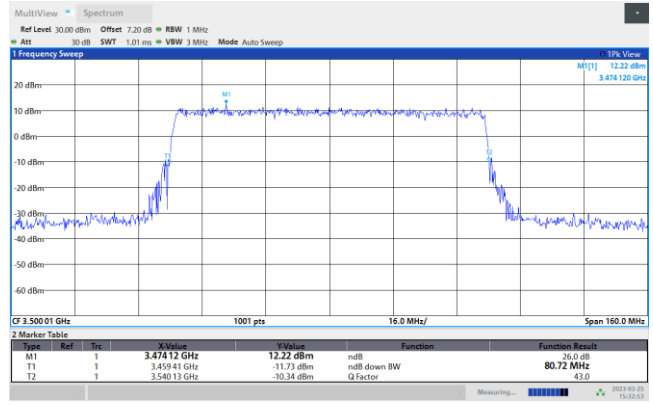
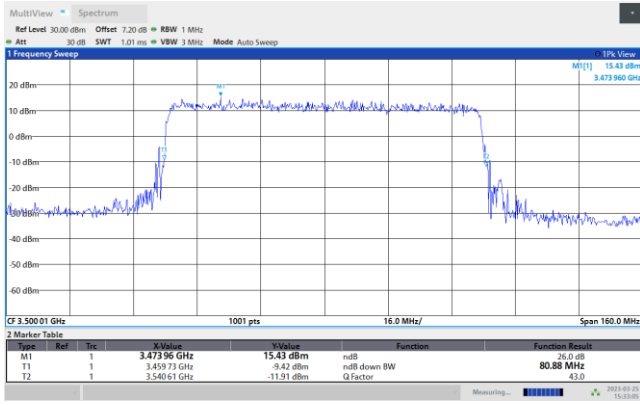
QPSK

16QAM



64QAM

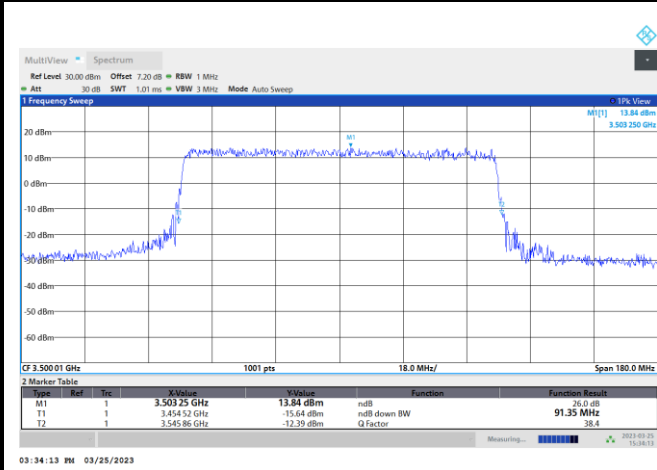
256QAM



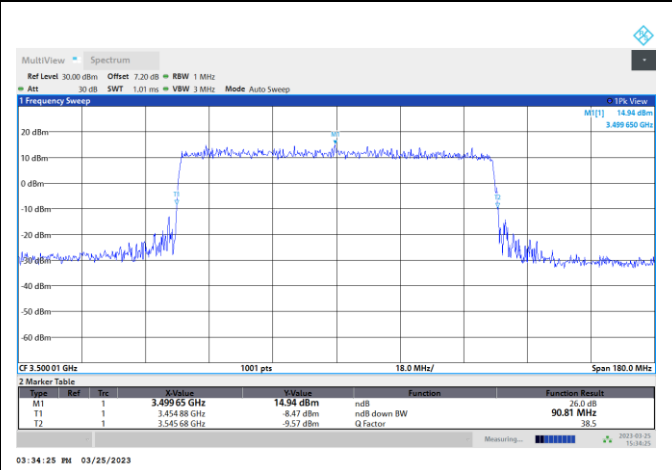


FR1 n77 / 90MHz / CP OFDM / Middle Channel / Full RB

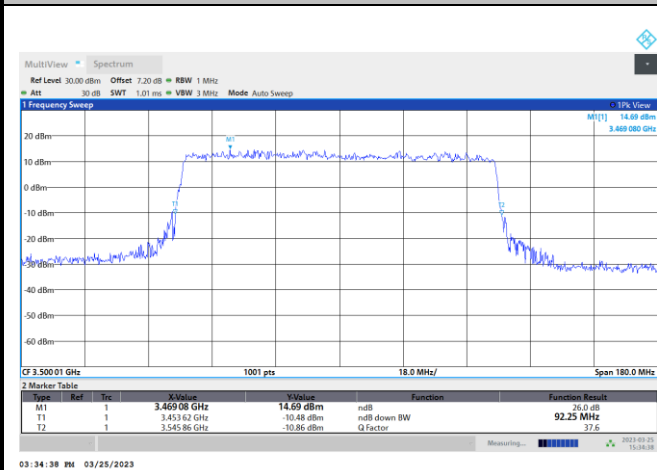
QPSK



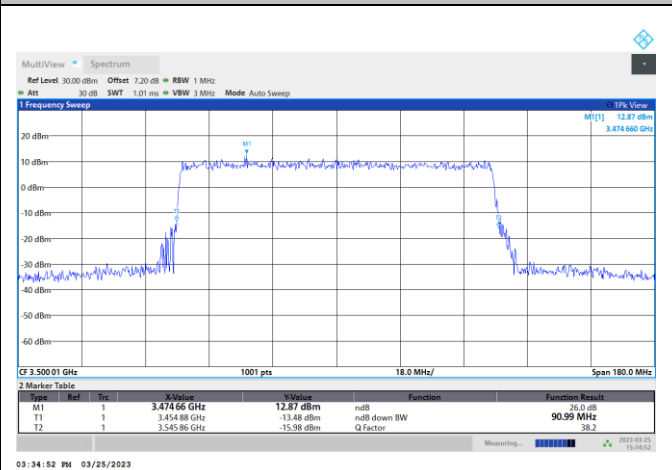
16QAM



64QAM



256QAM

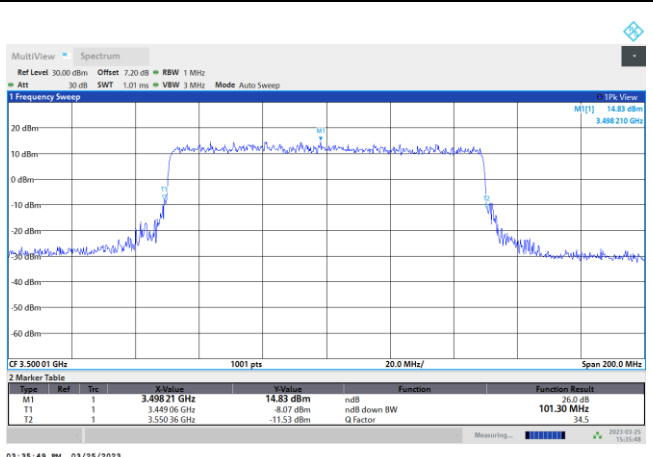
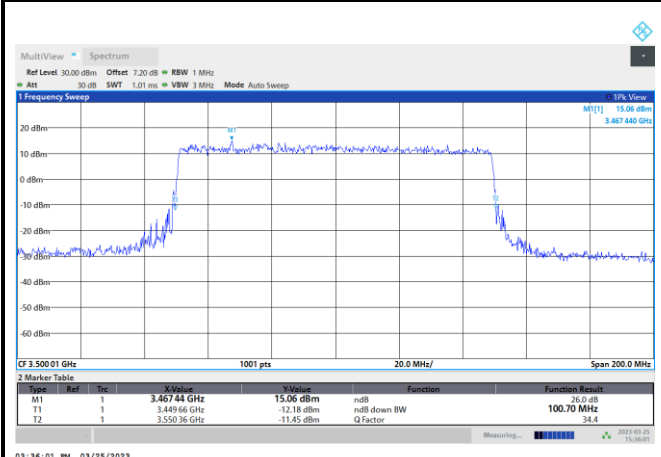




FR1 n77 / 100MHz / CP OFDM / Middle Channel / Full RB

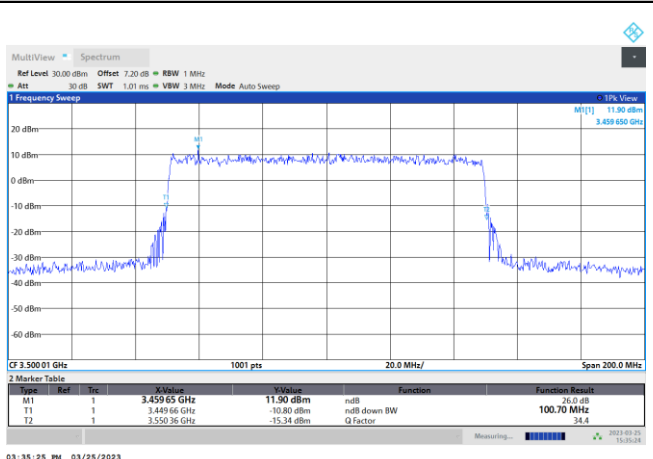
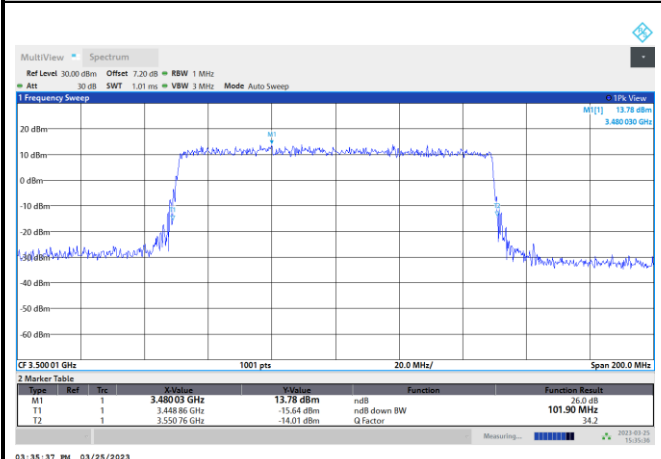
QPSK

16QAM



64QAM

256QAM





Occupied Bandwidth

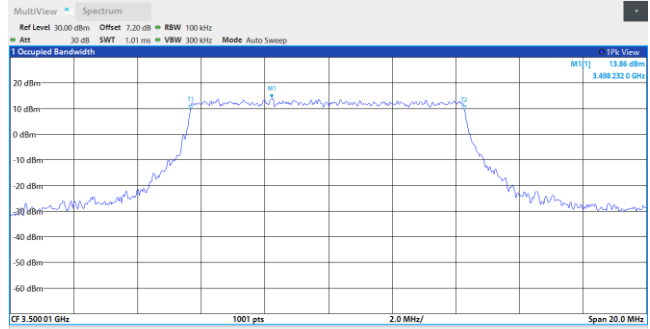
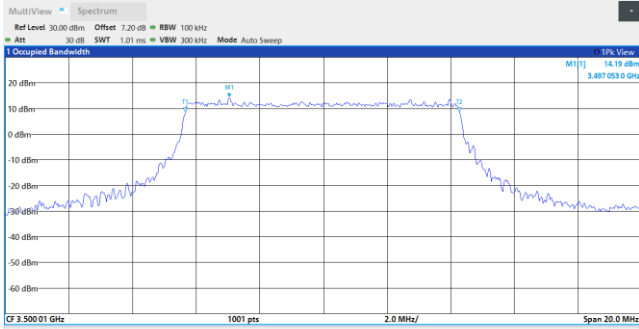
Mode	FR1 n77 : OB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.60	8.59	13.66	13.68	18.31	18.28	23.26	23.31
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.60	8.60	13.66	13.70	18.31	18.31	23.27	23.26
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	27.89	27.82	38.19	38.10	47.58	47.53	57.90	57.82
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	27.98	57.72	38.14	38.05	47.59	47.53	57.93	57.85
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	67.53	67.23	77.11	77.32	87.25	87.28	97.13	97.50
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	67.36	67.47	77.46	77.51	87.36	87.55	97.36	97.28



FR1 n77 / 10MHz / CP OFDM / Middle Channel / Full RB

QPSK

16QAM



Type	Ref	Trc	X-Value	Y-Value	Function	Function Results
M1	1		3.497 053 GHz	14.19 dBm	Occ Bw	8.609 990 143 MHz
T1	1		3.495 671 GHz	8.61 dBm	Occ Bw Centroid	3.499 976 268 GHz
T2	1		3.504 281 GHz	8.58 dBm	Occ Bw Freq Offset	-33.631 504 348 kHz

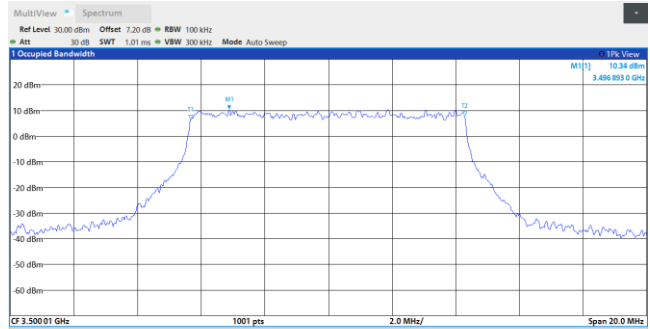
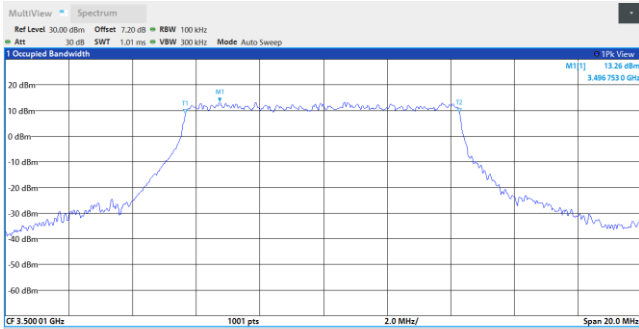
Type	Ref	Trc	X-Value	Y-Value	Function	Function Results
M1	1		3.498 232 GHz	13.86 dBm	Occ Bw	8.599 240 985 MHz
T1	1		3.495 682 GHz	8.50 dBm	Occ Bw Centroid	3.499 981 178 GHz
T2	1		3.504 281 GHz	9.26 dBm	Occ Bw Freq Offset	-28.422 046 714 kHz

02:56:08 PM 03/25/2023

02:56:41 PM 03/25/2023

64QAM

256QAM



Type	Ref	Trc	X-Value	Y-Value	Function	Function Results
M1	1		3.496 753 GHz	13.26 dBm	Occ Bw	8.608 593 223 MHz
T1	1		3.495 682 GHz	9.81 dBm	Occ Bw Centroid	3.499 972 495 GHz
T2	1		3.504 278 GHz	9.18 dBm	Occ Bw Freq Offset	-37.504 860 579 kHz

Type	Ref	Trc	X-Value	Y-Value	Function	Function Results
M1	1		3.496 893 GHz	10.34 dBm	Occ Bw	8.609 164 926 MHz
T1	1		3.495 678 GHz	6.48 dBm	Occ Bw Centroid	3.499 984 432 GHz
T2	1		3.504 289 GHz	7.87 dBm	Occ Bw Freq Offset	-25.567 730 439 kHz

02:57:12 PM 03/25/2023

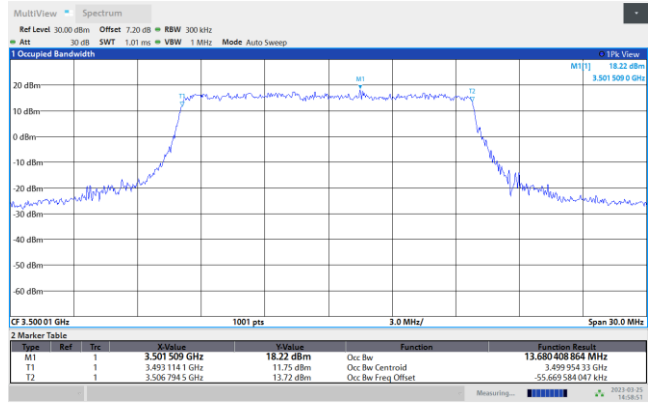
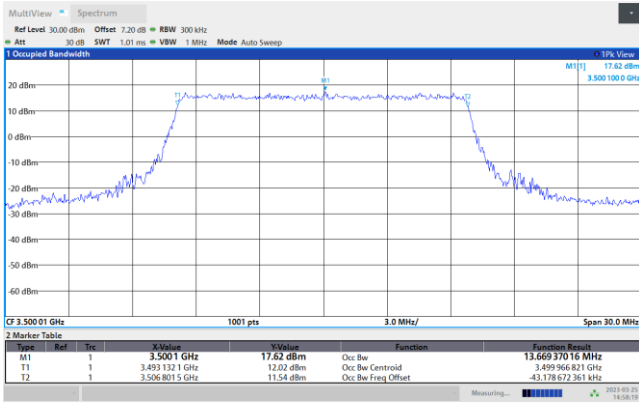
02:57:45 PM 03/25/2023



FR1 n77 / 15MHz / CP OFDM / Middle Channel / Full RB

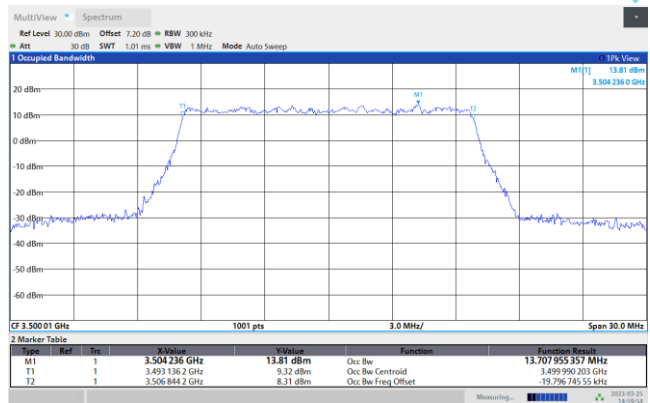
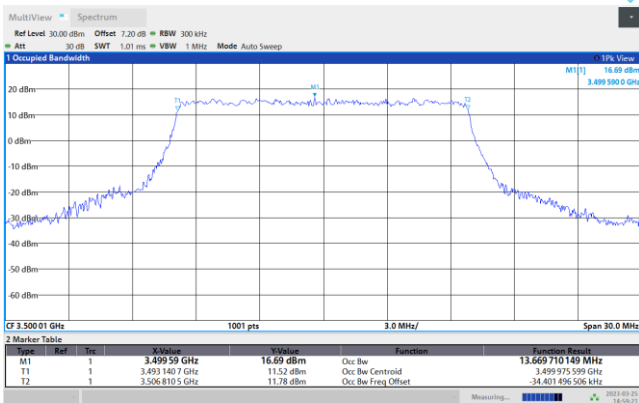
QPSK

16QAM



64QAM

256QAM

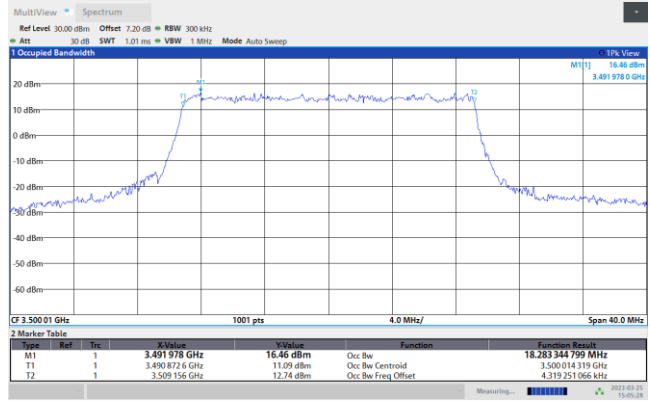
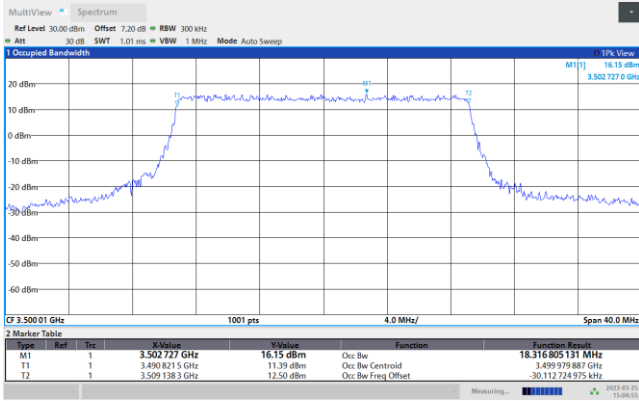




FR1 n77 / 20MHz / CP OFDM / Middle Channel / Full RB

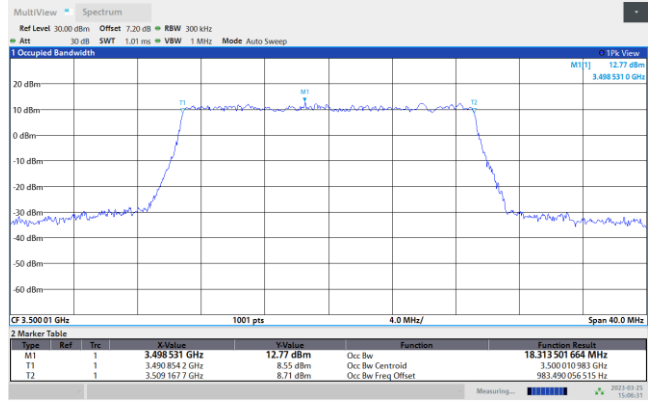
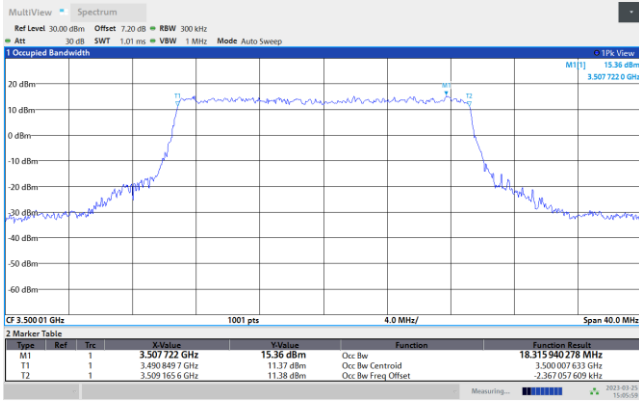
QPSK

16QAM



64QAM

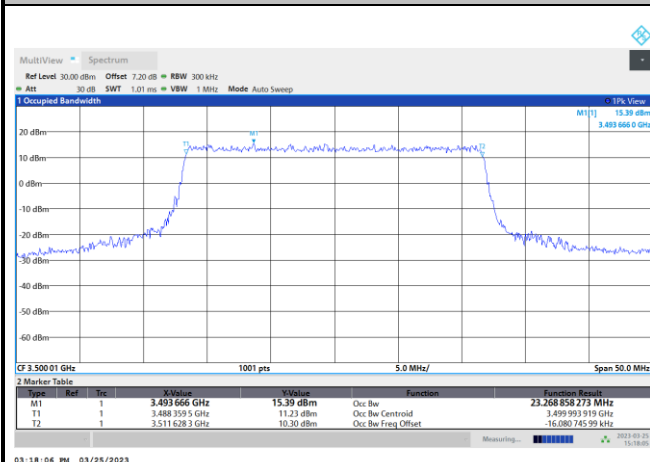
256QAM





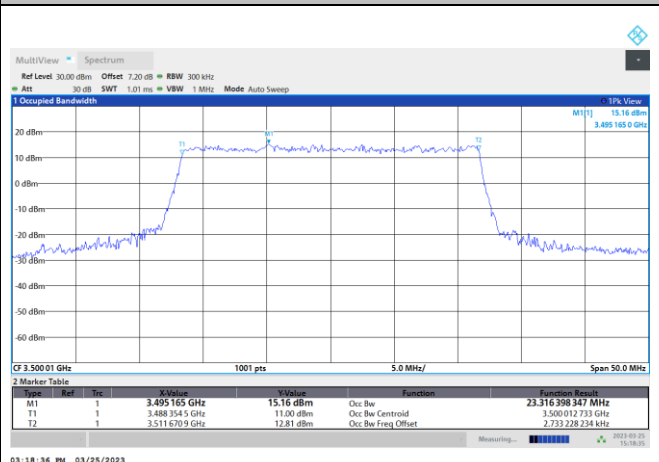
FR1 n77 / 25MHz / CP OFDM / Middle Channel / Full RB

QPSK



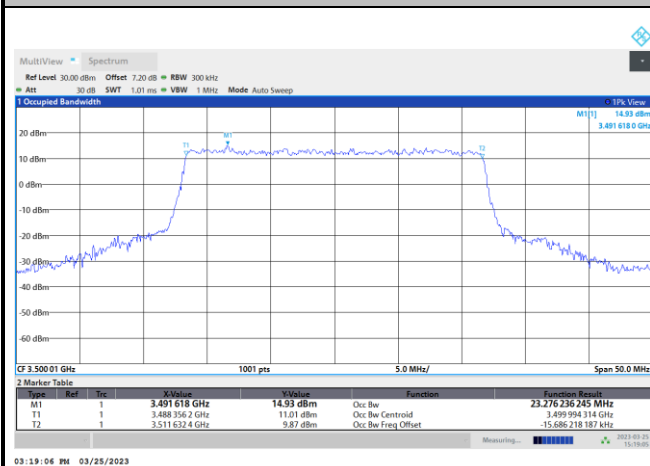
03:18:06 PM 03/25/2023

16QAM



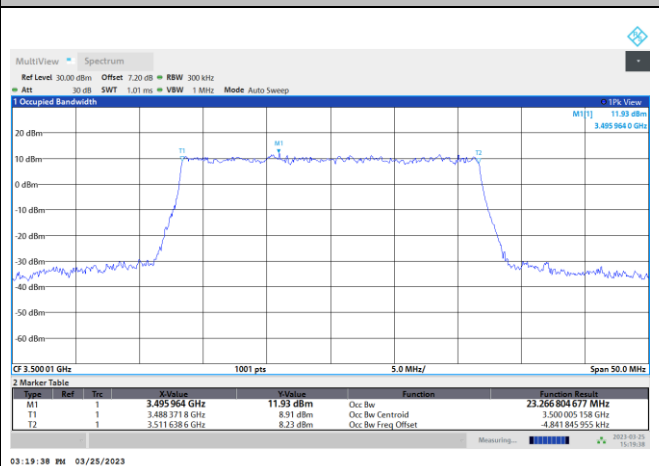
03:18:36 PM 03/25/2023

64QAM



03:19:06 PM 03/25/2023

256QAM

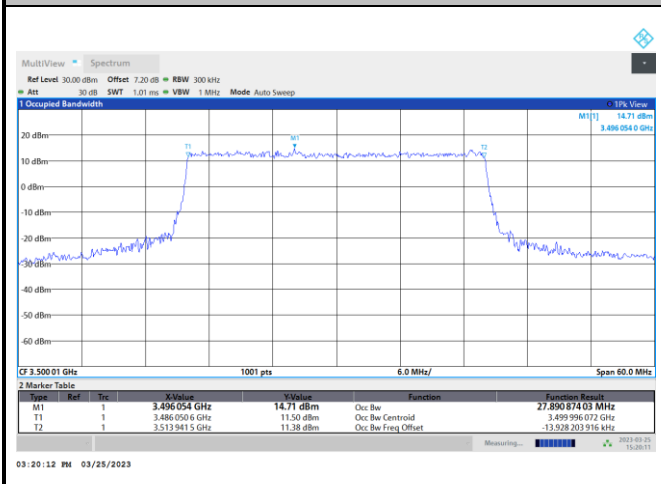


03:19:38 PM 03/25/2023

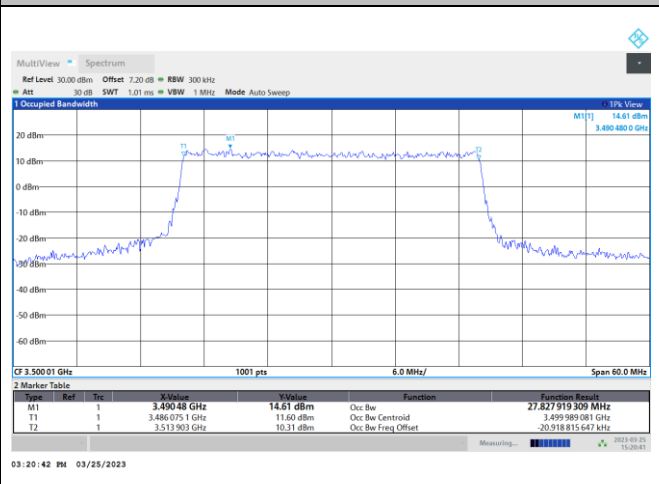


FR1 n77 / 30MHz / CP OFDM / Middle Channel / Full RB

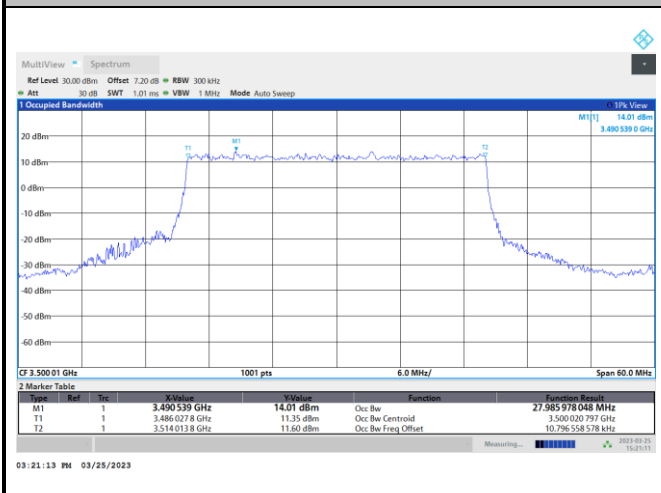
QPSK



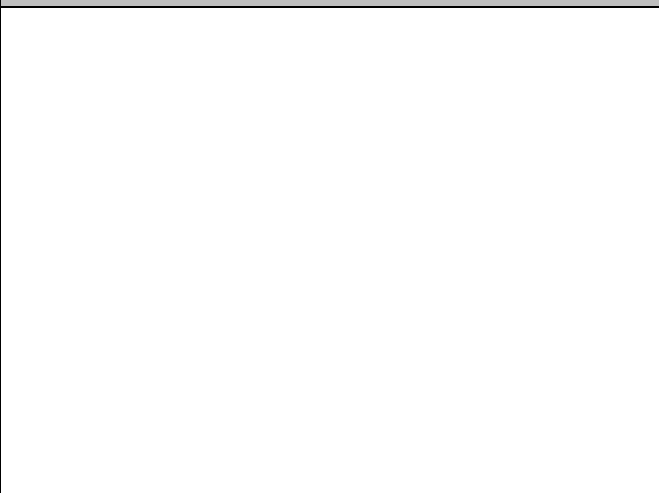
16QAM



64QAM



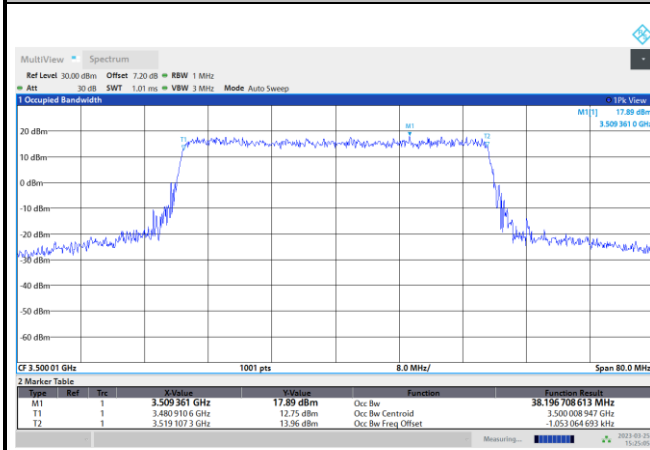
256QAM





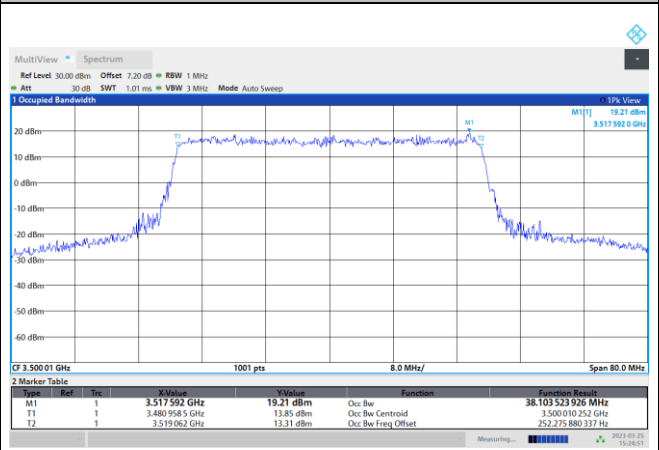
FR1 n77 / 40MHz / CP OFDM / Middle Channel / Full RB

QPSK



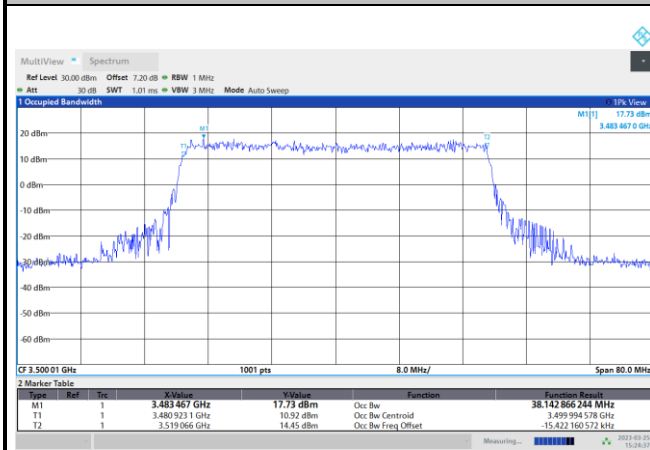
03:25:06 PM 03/25/2023

16QAM



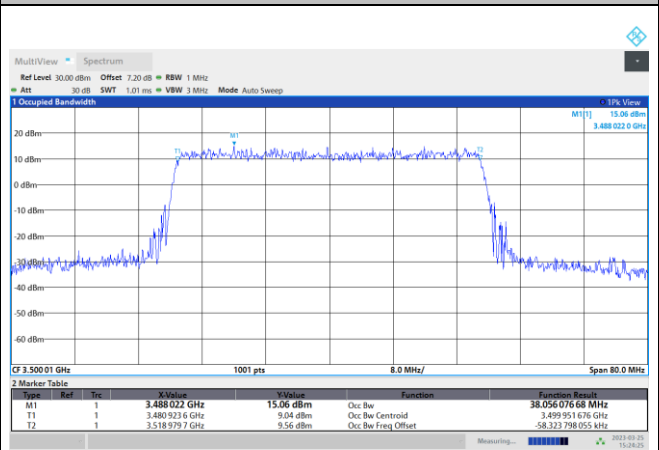
03:24:52 PM 03/25/2023

64QAM



03:24:38 PM 03/25/2023

256QAM

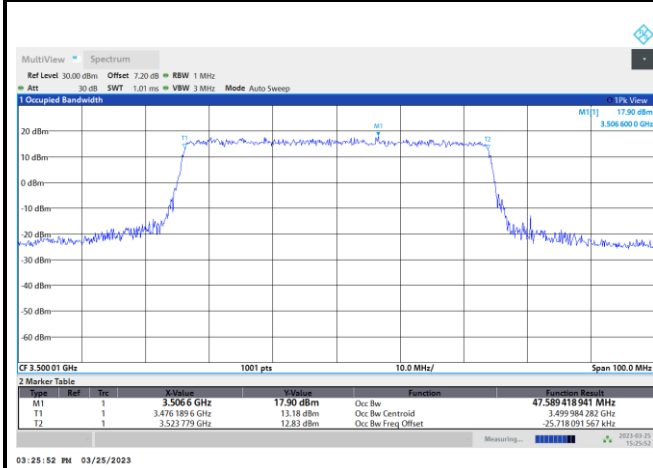


03:24:26 PM 03/25/2023

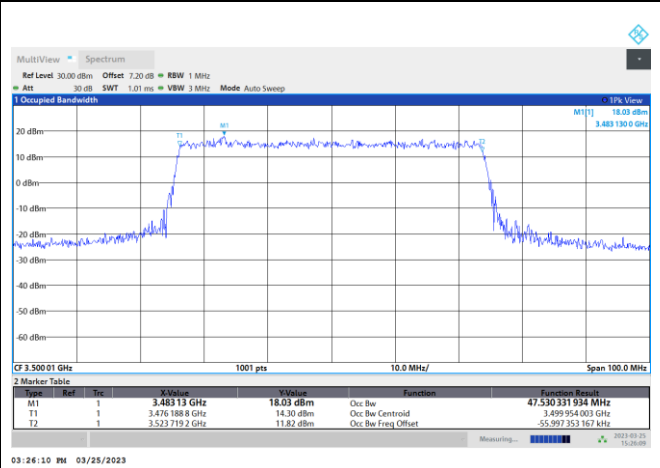


FR1 n77 / 50MHz / CP OFDM / Middle Channel / Full RB

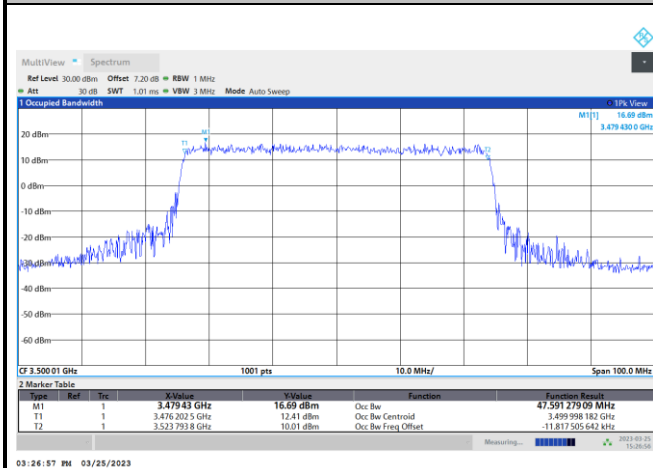
QPSK



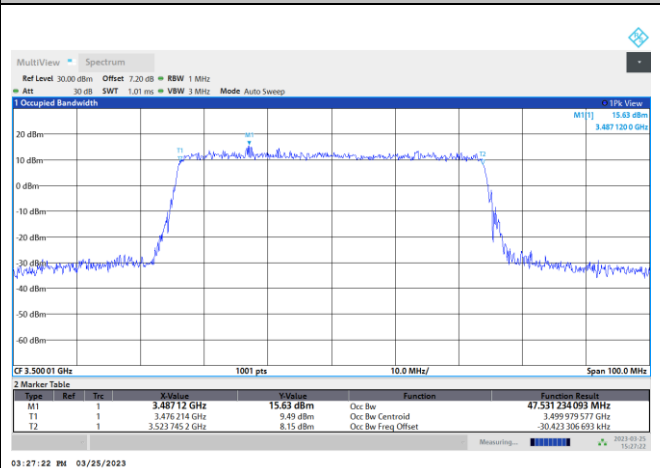
16QAM



64QAM



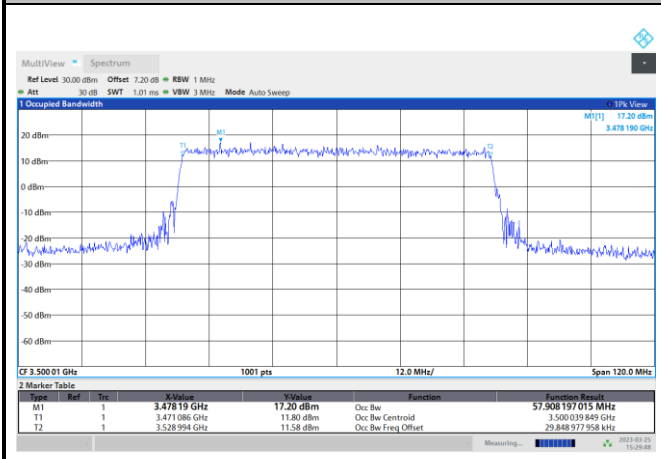
256QAM



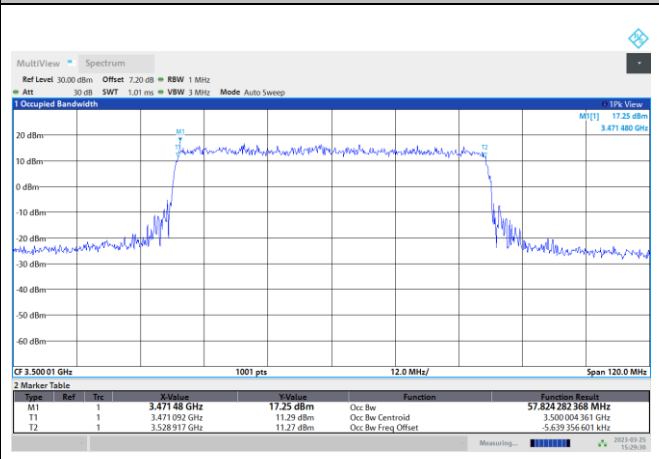


FR1 n77 / 60MHz / CP OFDM / Middle Channel / Full RB

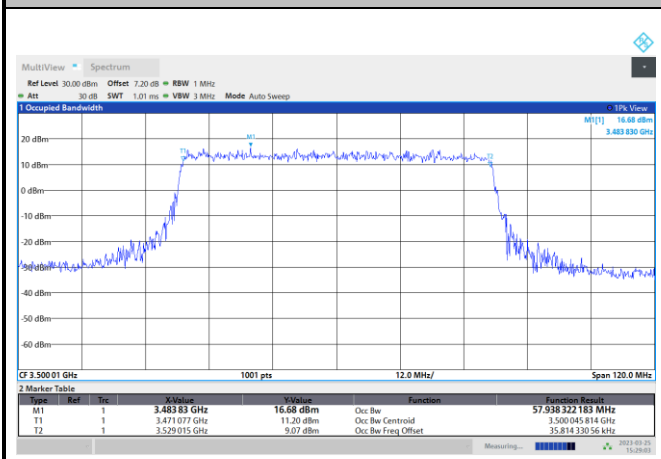
QPSK



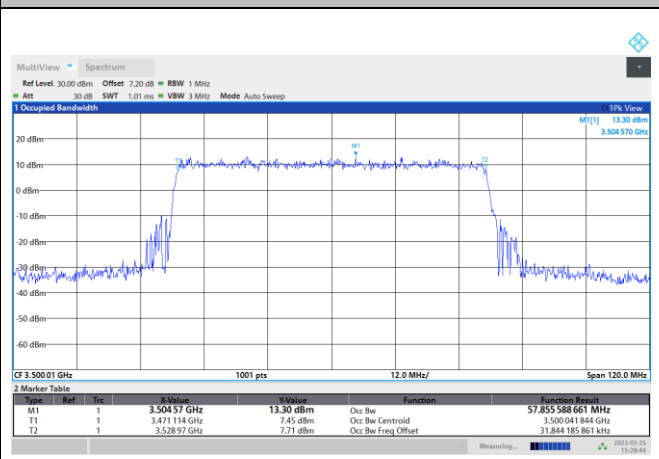
16QAM



64QAM



256QAM

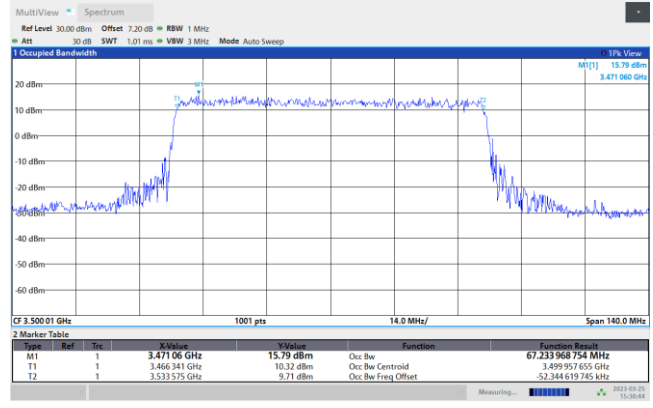
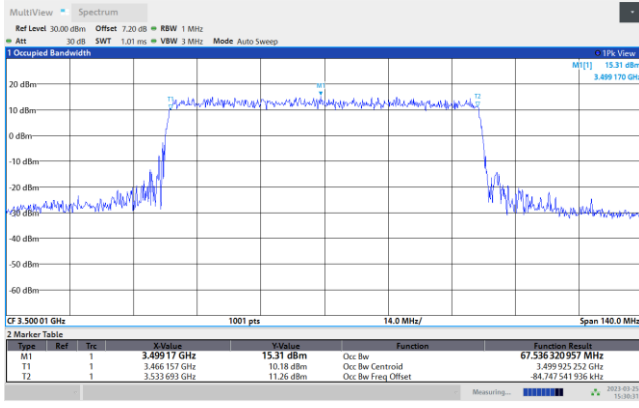




FR1 n77 / 70MHz / CP OFDM / Middle Channel / Full RB

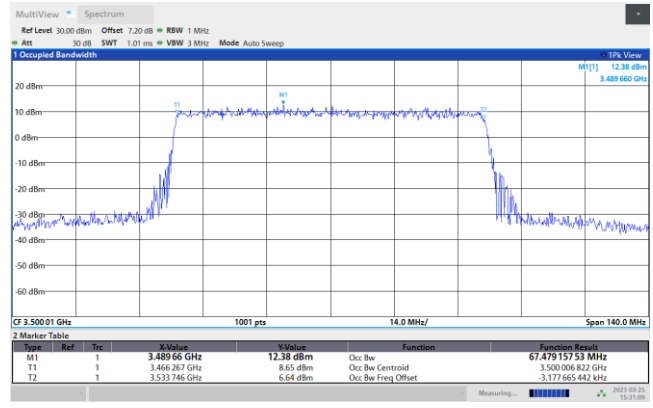
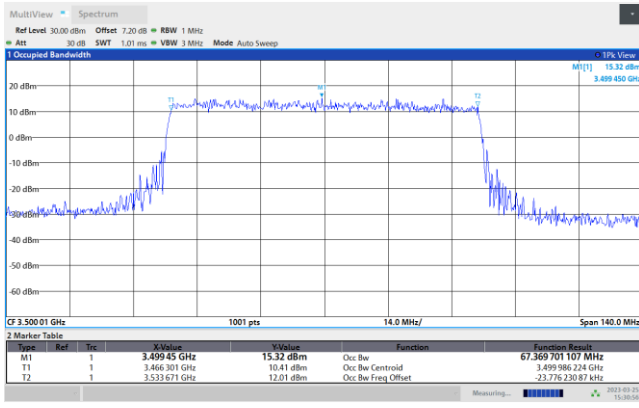
QPSK

16QAM



64QAM

256QAM

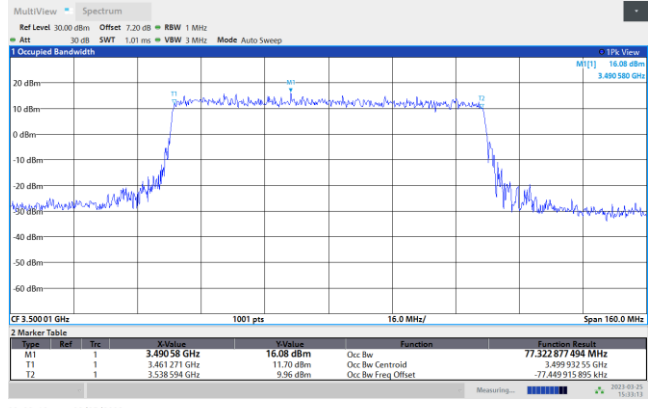
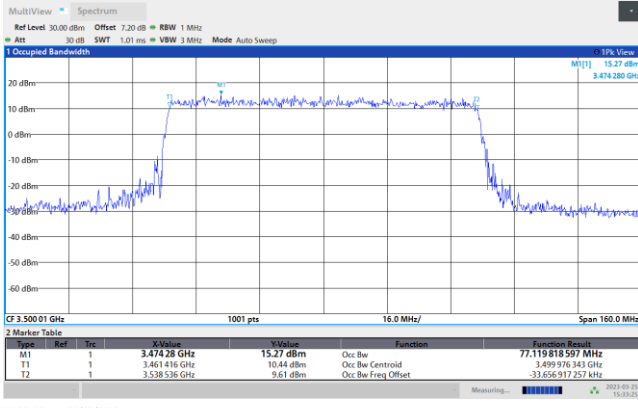




FR1 n77 / 80MHz / CP OFDM / Middle Channel / Full RB

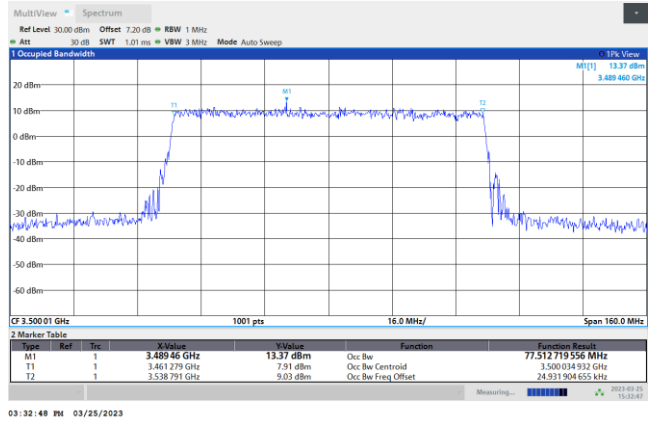
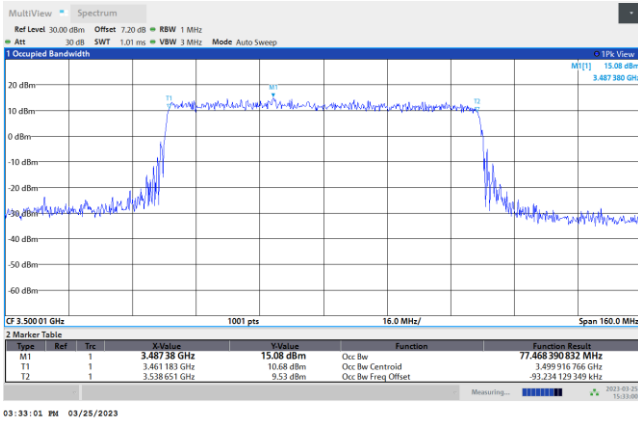
QPSK

16QAM



64QAM

256QAM

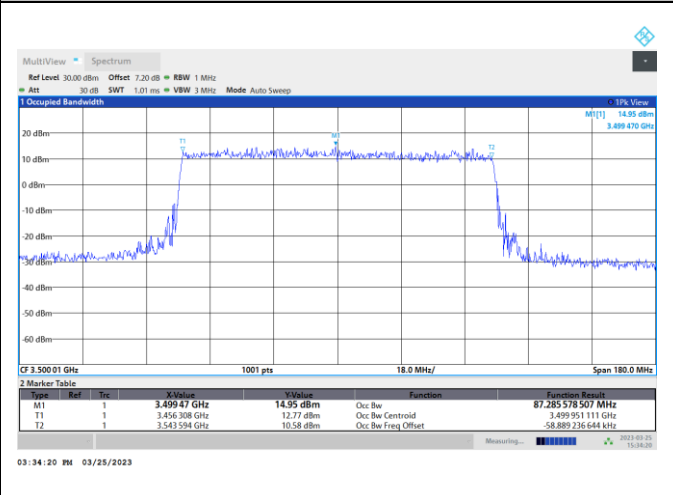
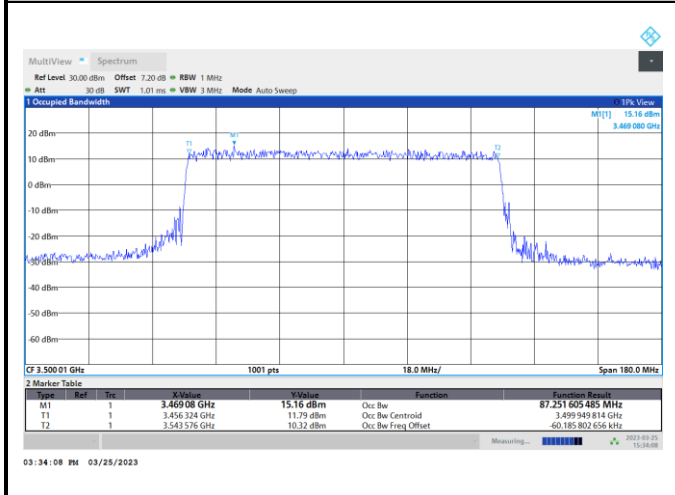




FR1 n77 / 90MHz / CP OFDM / Middle Channel / Full RB

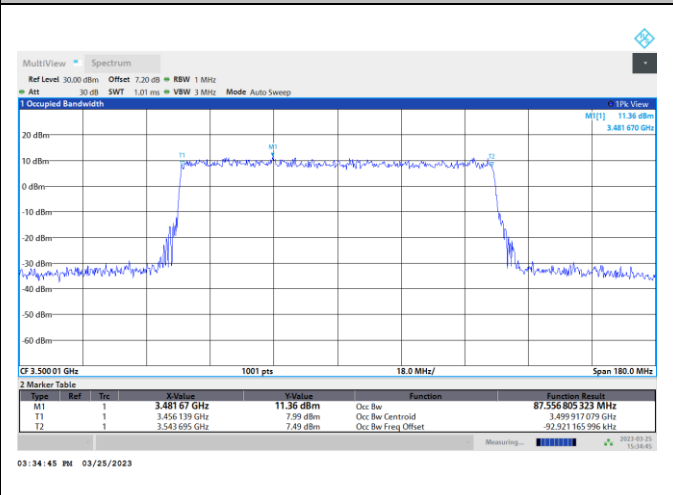
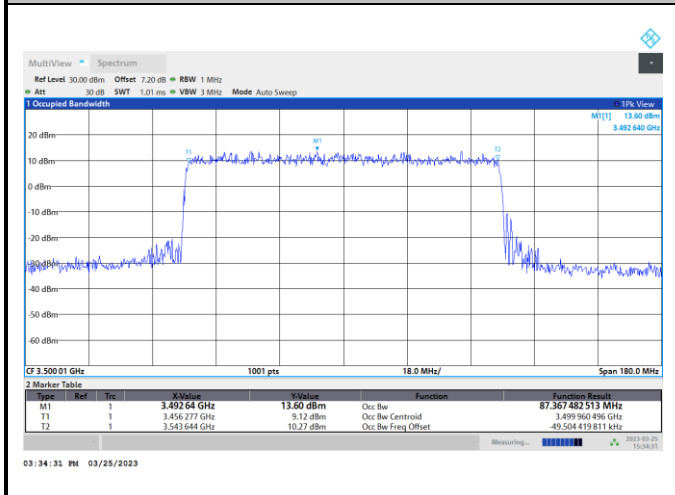
QPSK

16QAM



64QAM

256QAM

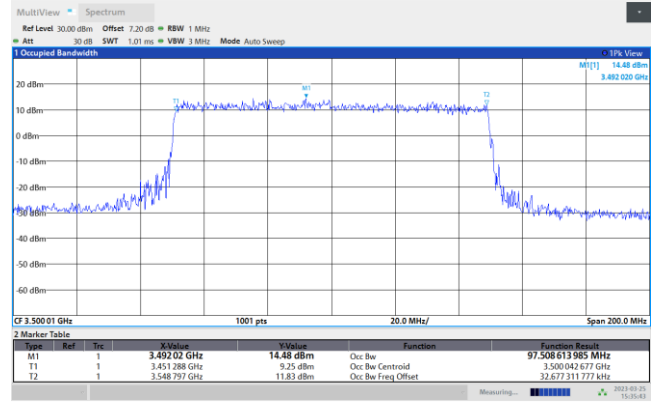
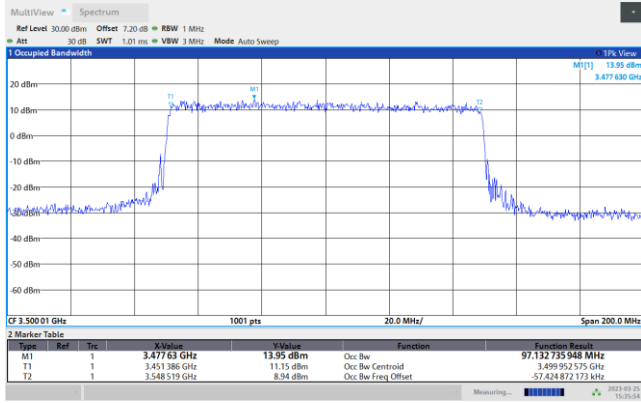




FR1 n77 / 100MHz / CP OFDM / Middle Channel / Full RB

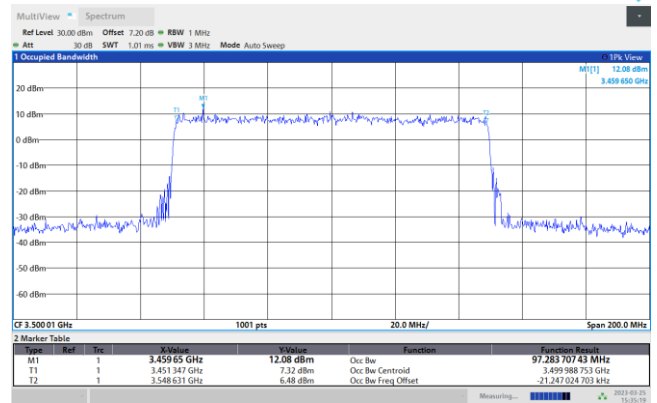
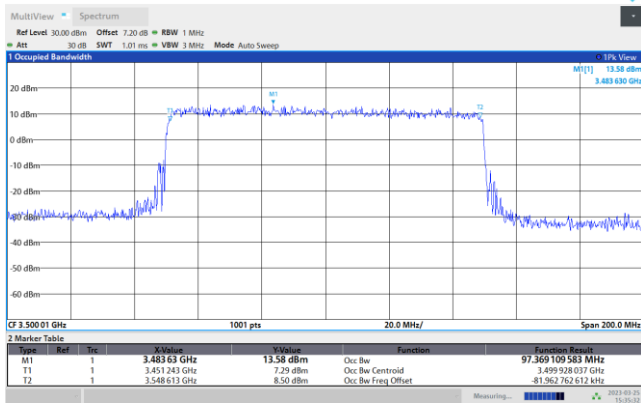
QPSK

16QAM



64QAM

256QAM



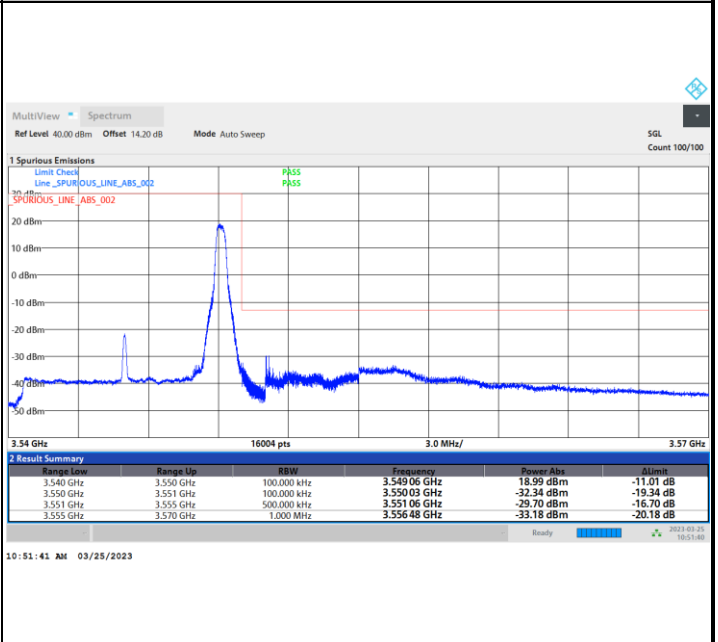
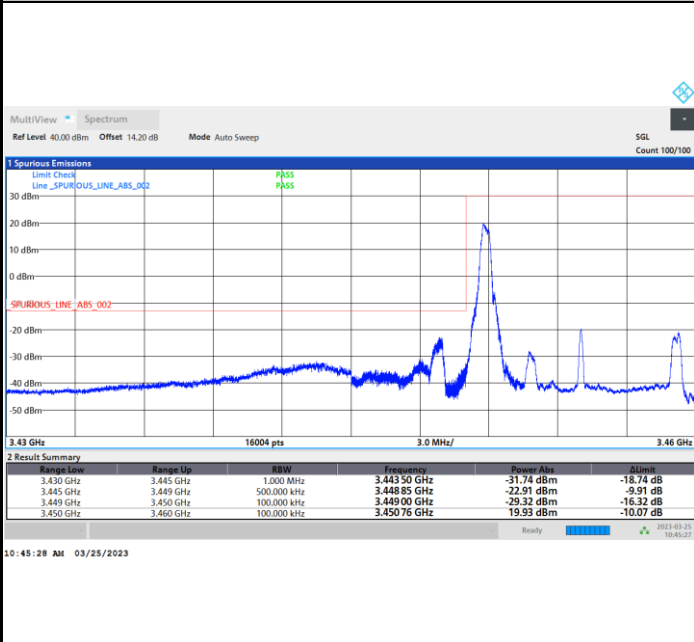


Conducted Band Edge

FR1 n77 / 10MHz / CP OFDM / QPSK

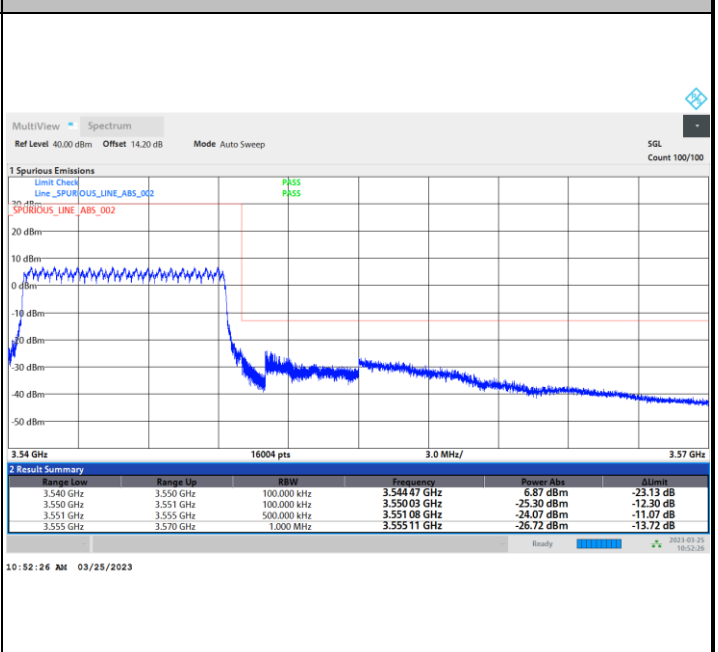
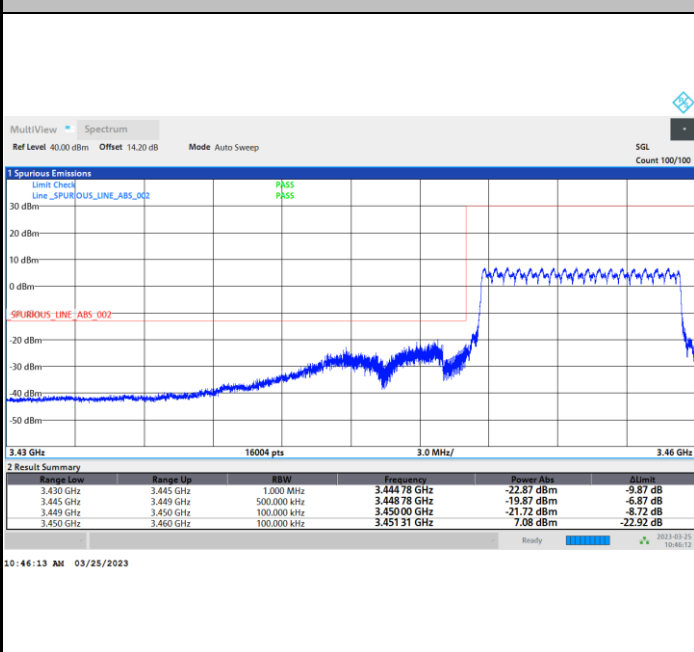
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

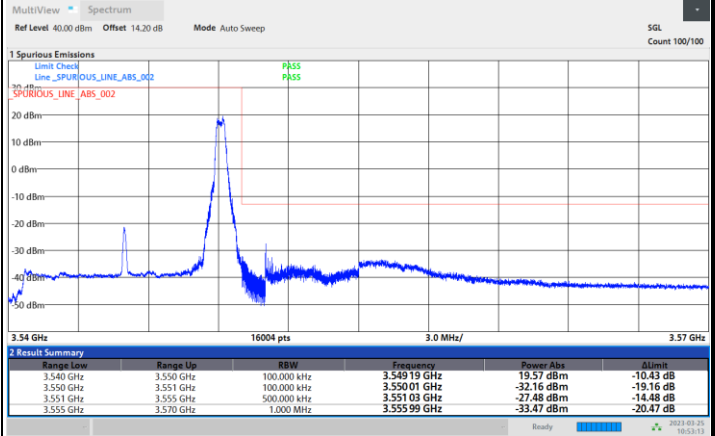
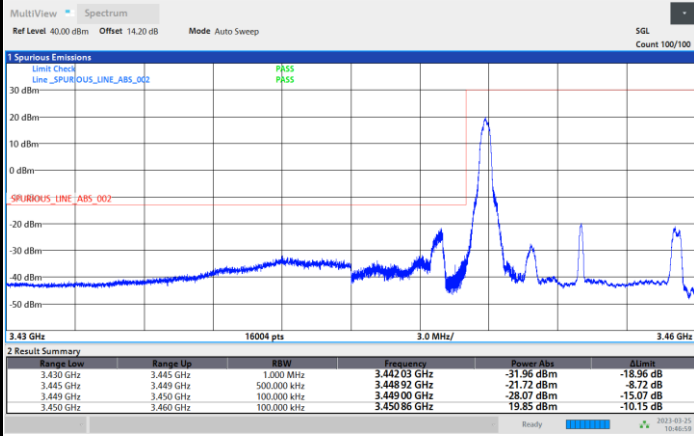




FR1 n77 / 10MHz / CP OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

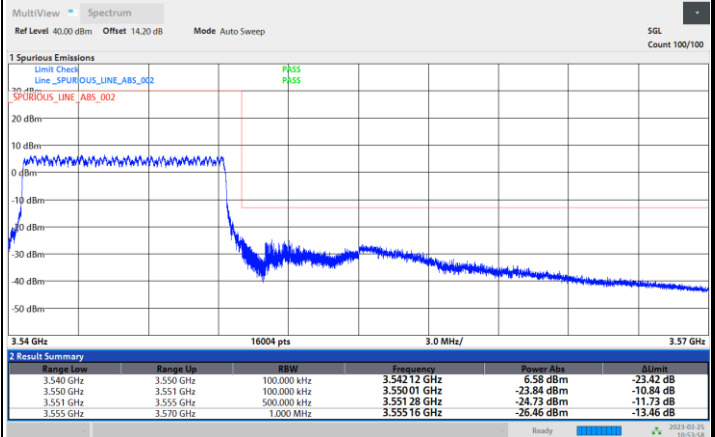
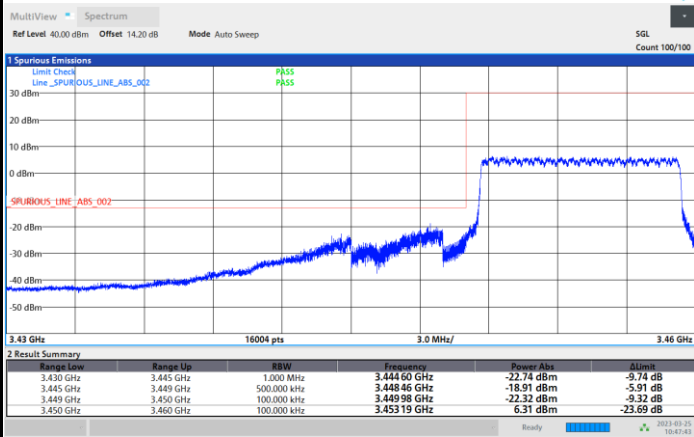


10:46:59 AM 03/25/2023

10:53:13 AM 03/25/2023

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



10:47:44 AM 03/25/2023

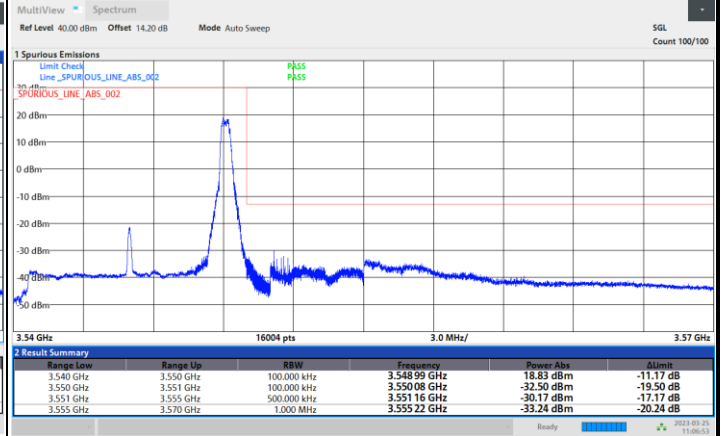
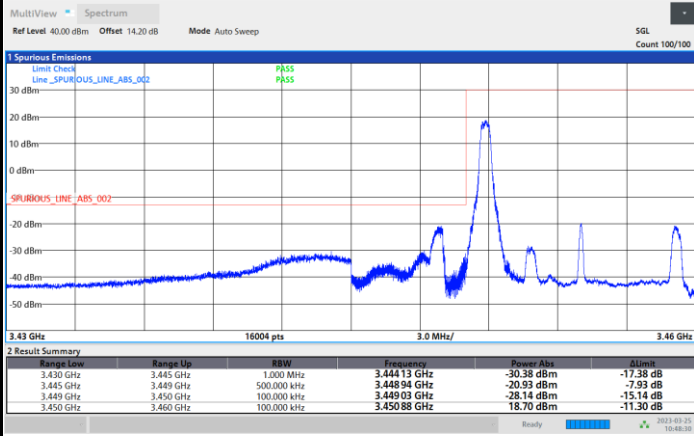
10:53:59 AM 03/25/2023



FR1 n77 / 10MHz / CP OFDM / 64QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

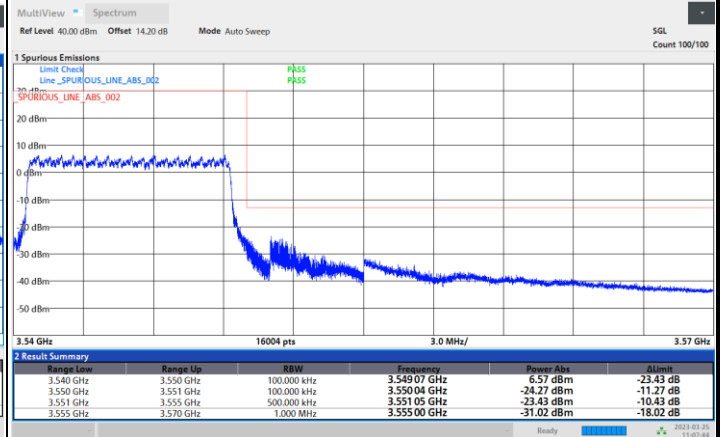
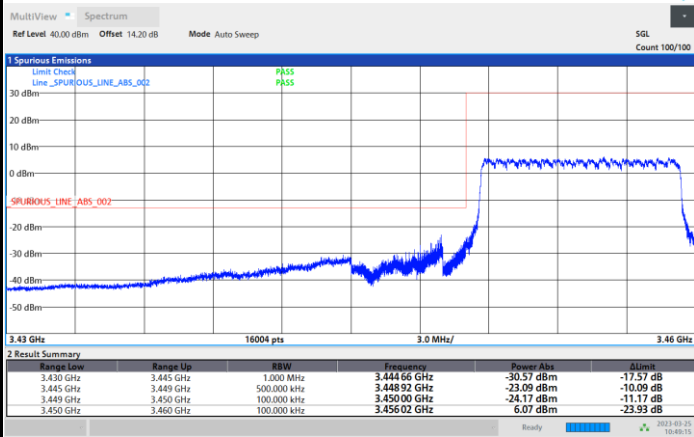


10:48:30 AM 03/25/2023

11:06:53 AM 03/25/2023

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



10:49:15 AM 03/25/2023

11:07:44 AM 03/25/2023