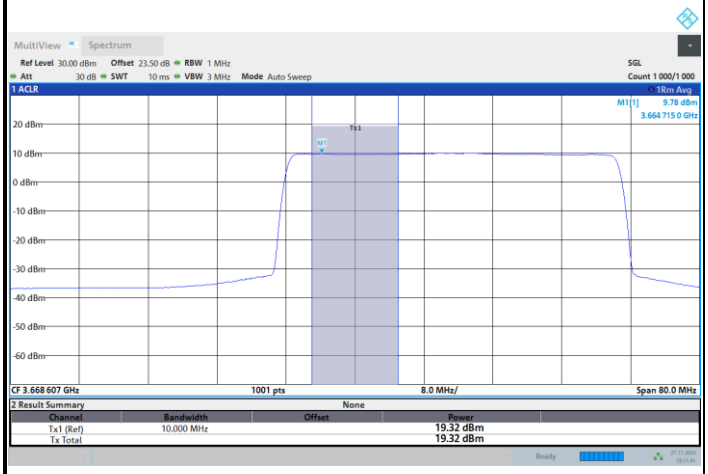
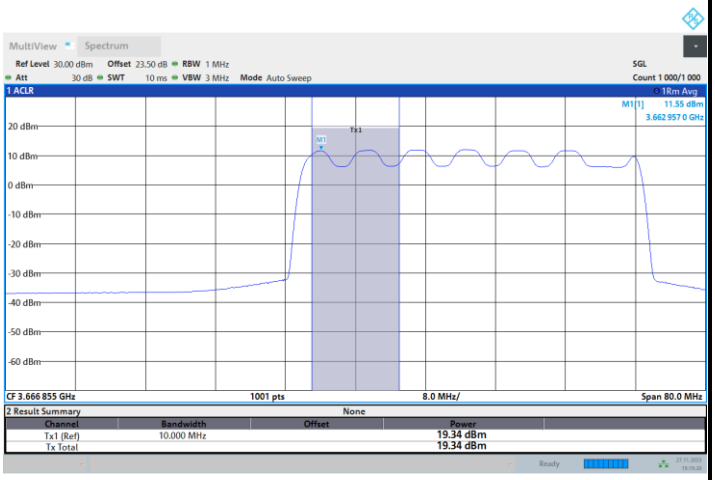
FR1 n48 / 40MHz / Highest Channel / Conducted (dBm/10MHz)

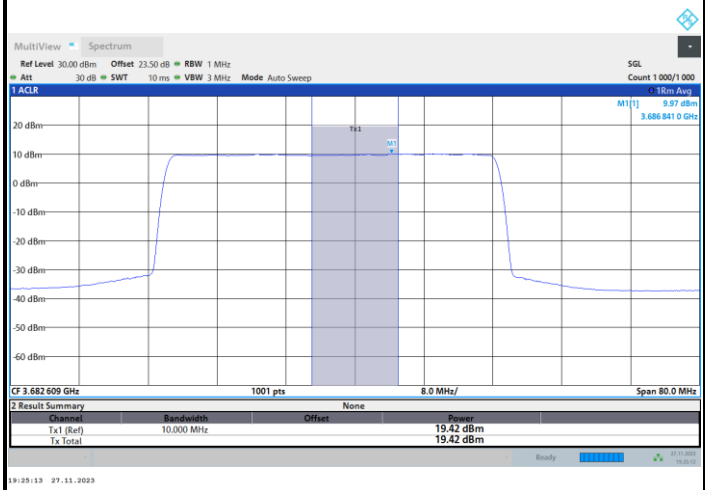
QPSK



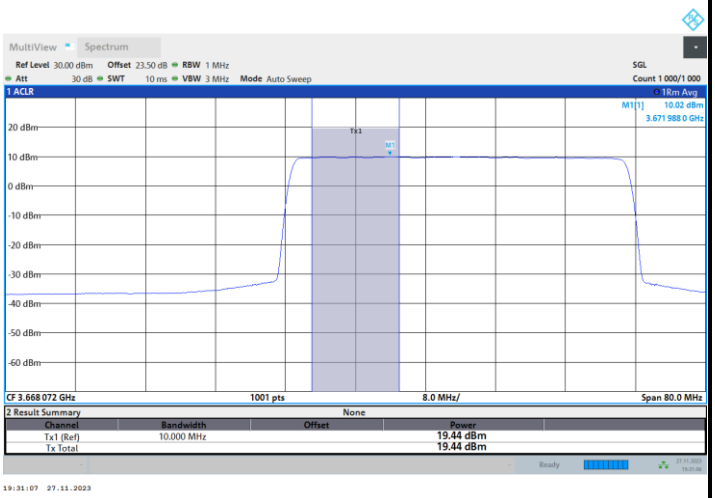
16QAM



64QAM



256QAM



Power Spectral Density

Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Lowest Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Lowest CH	11.65	12.81	11.19	12.63	10.61	12.71		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Lowest CH	11.70	12.04	10.96	10.87	10.74	10.52		

Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Lowest Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Lowest CH	35.17	36.33	34.71	36.15	34.13	36.23		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Lowest CH	35.22	35.56	34.48	34.39	34.26	34.04		
Limit	37dBm/MHz							
Result	PASS							

Note

1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 17.5dBi MIMO antenna gain.

Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Middle Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Middle CH	11.59	12.66	10.40	12.21	10.40	12.25		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Middle CH	11.73	11.73	10.55	10.57	10.20	10.20		

Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Middle Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Middle CH	35.11	36.18	33.92	35.73	33.92	35.77		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Middle CH	35.25	35.25	34.07	34.09	33.72	33.72		
Limit	37dBm/MHz							
Result	PASS							

Note

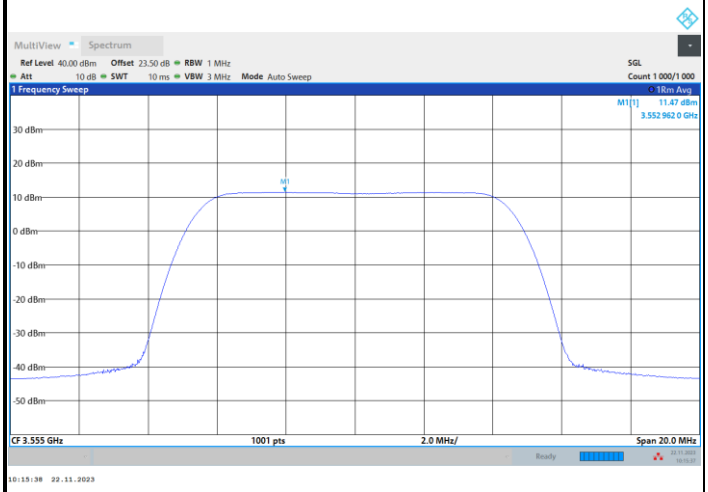
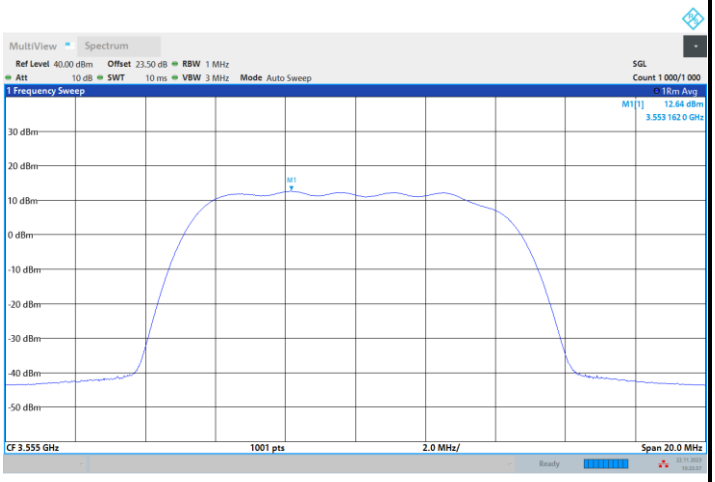
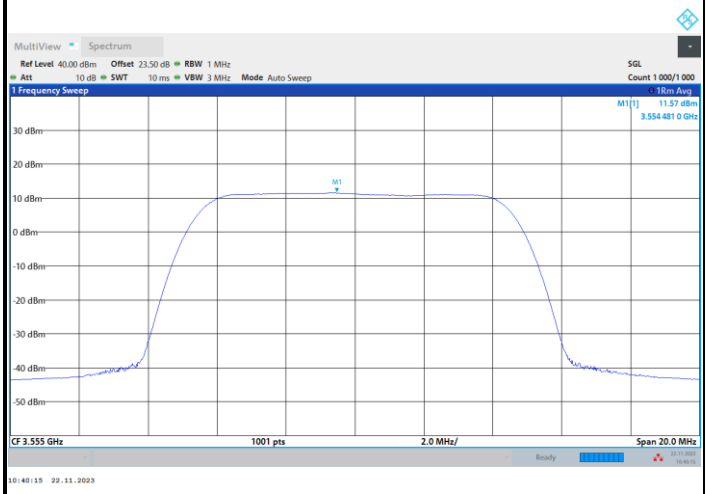
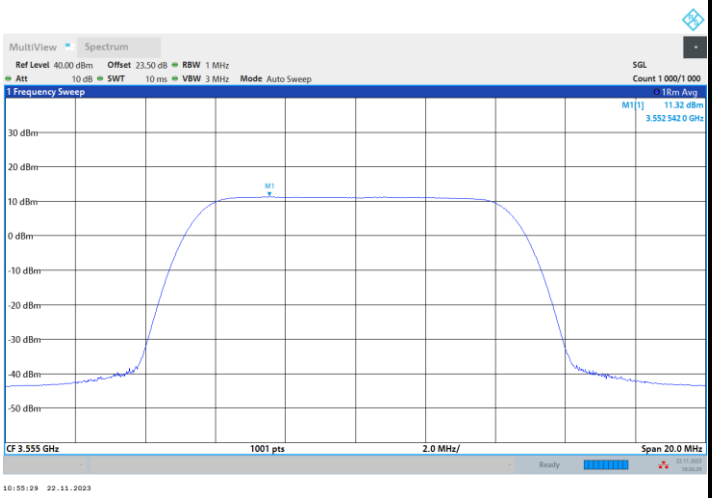
1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 17.5dBi MIMO antenna gain.

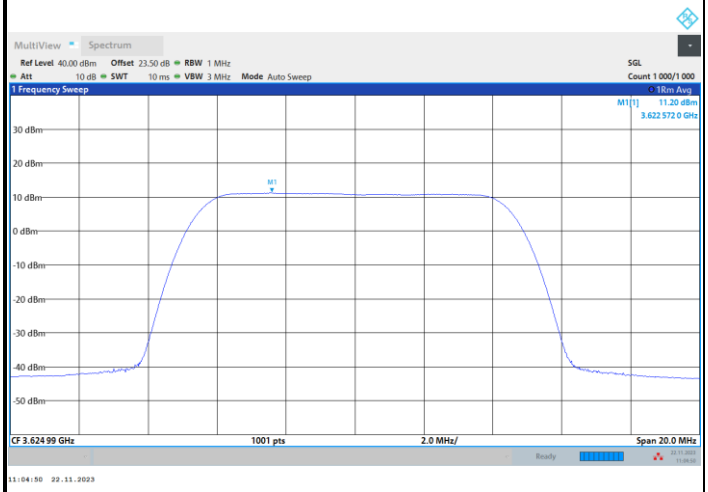
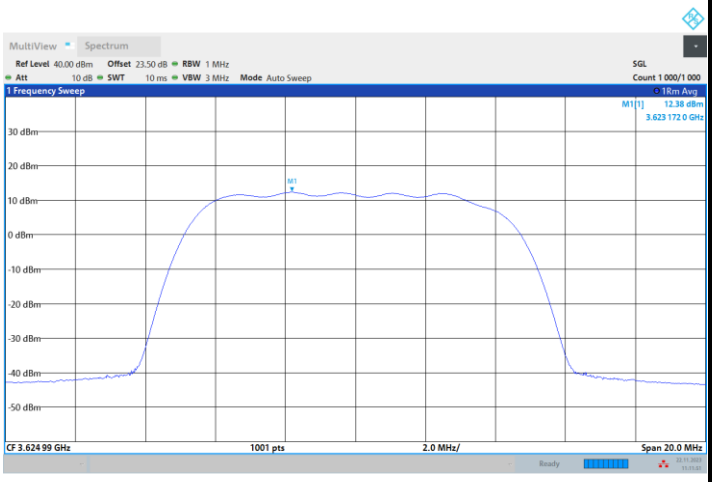
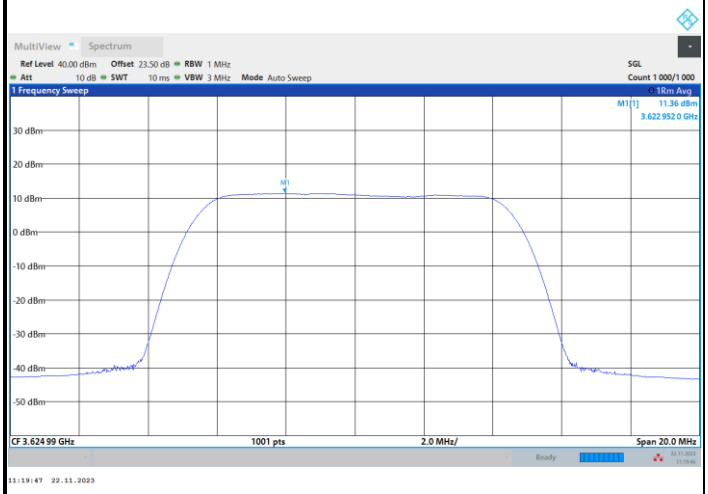
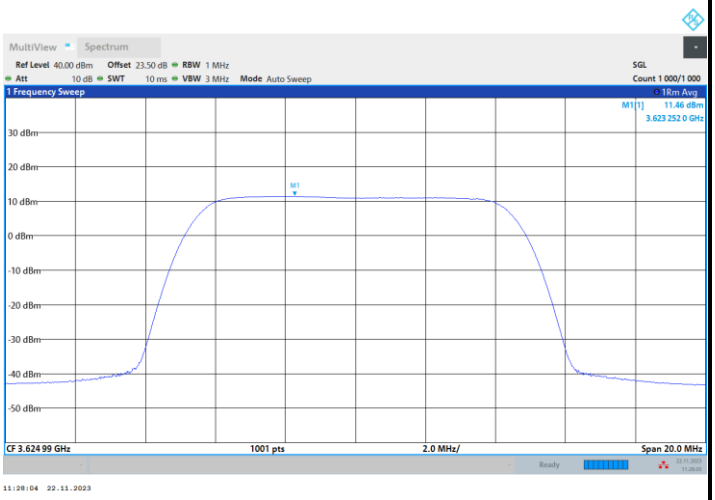
Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Highest Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Highest CH	11.29	12.34	10.08	12.08	10.12	12.05		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Highest CH	11.35	11.46	10.67	10.30	10.09	10.23		

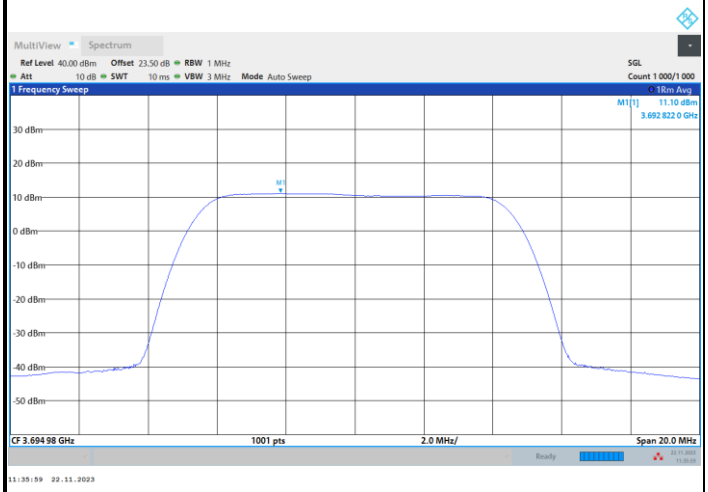
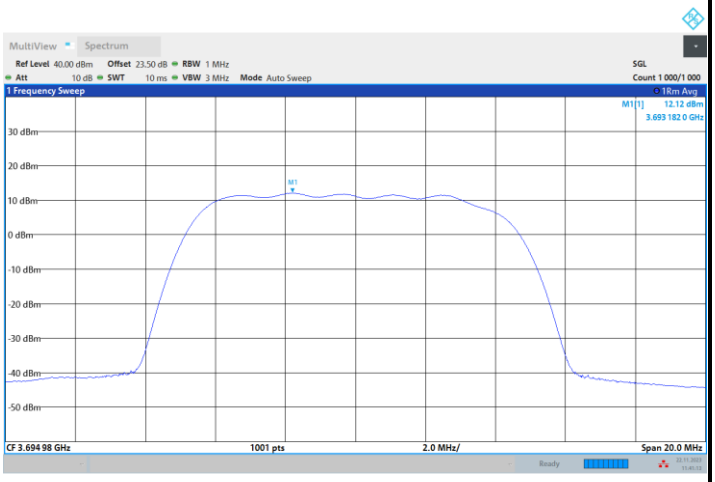
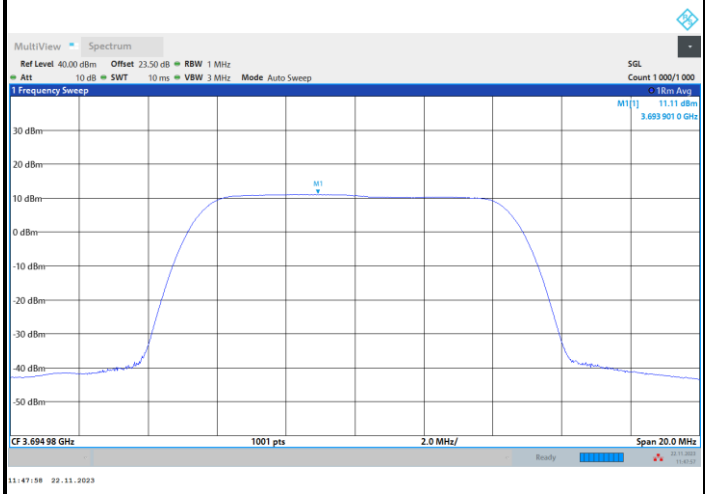
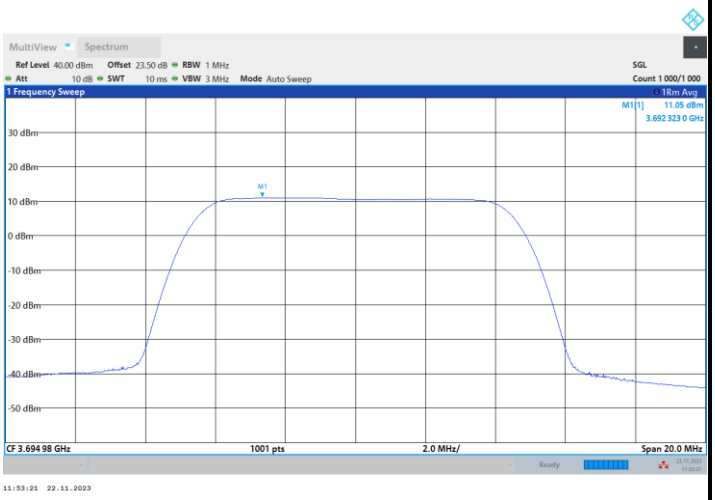
Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Highest Channel							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Highest CH	34.81	35.86	33.60	35.60	33.64	35.57		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Highest CH	34.87	34.98	34.19	33.82	33.61	33.75		
Limit	37dBm/MHz							
Result	PASS							

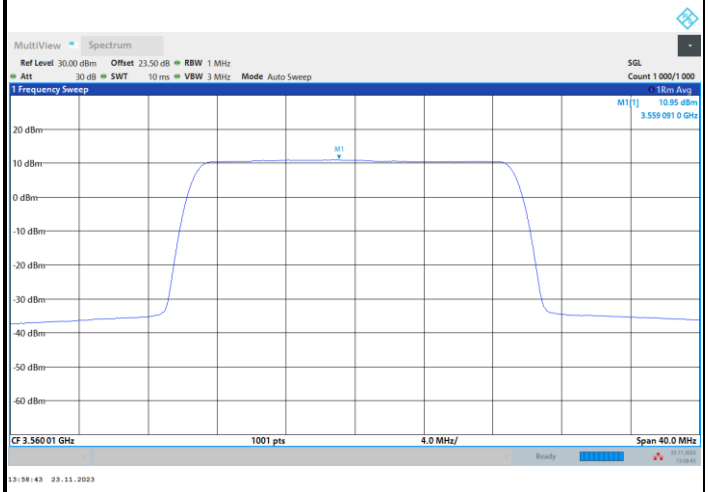
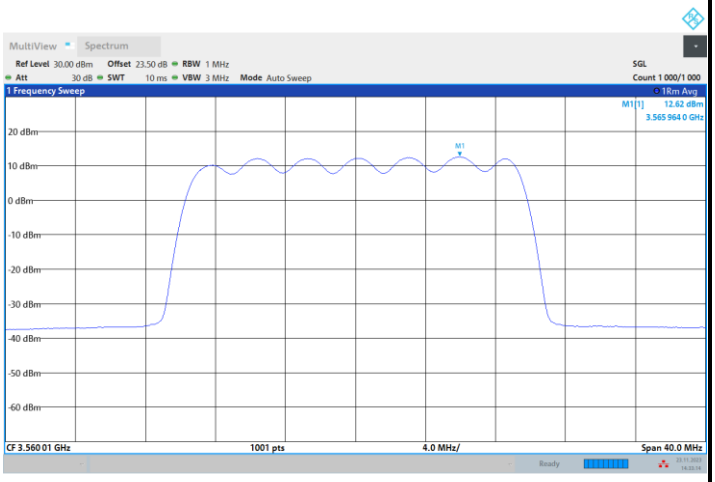
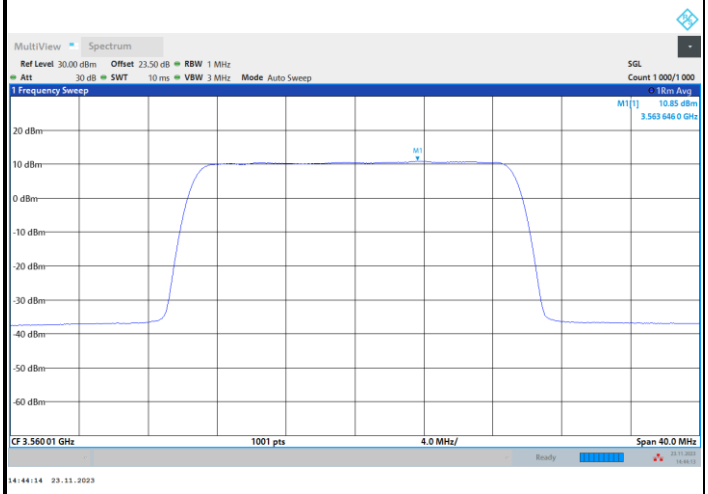
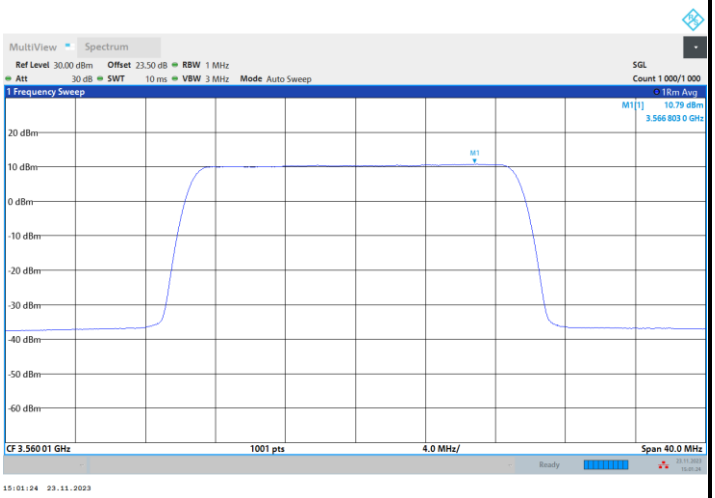
Note

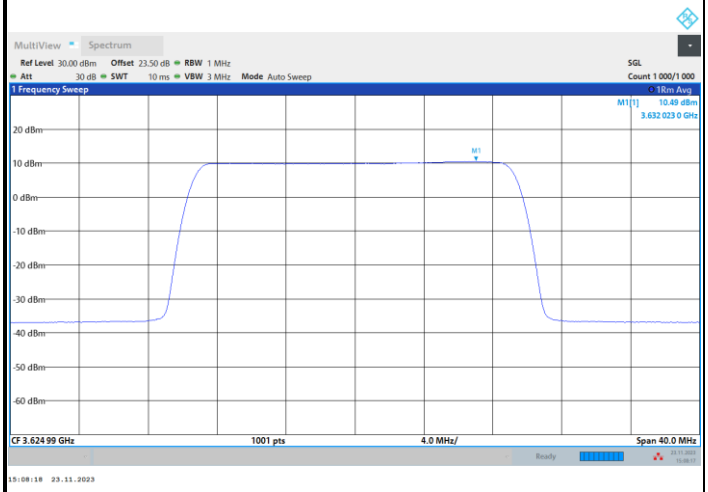
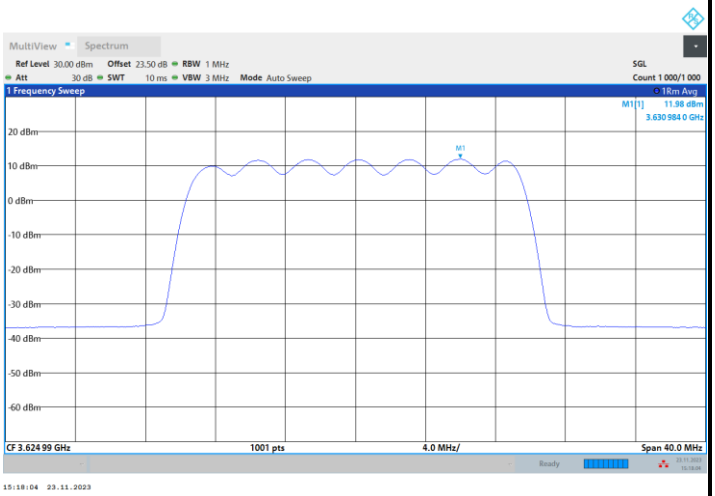
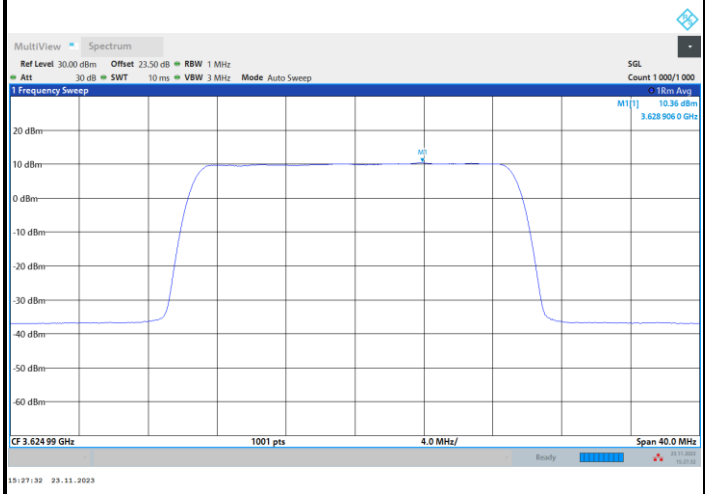
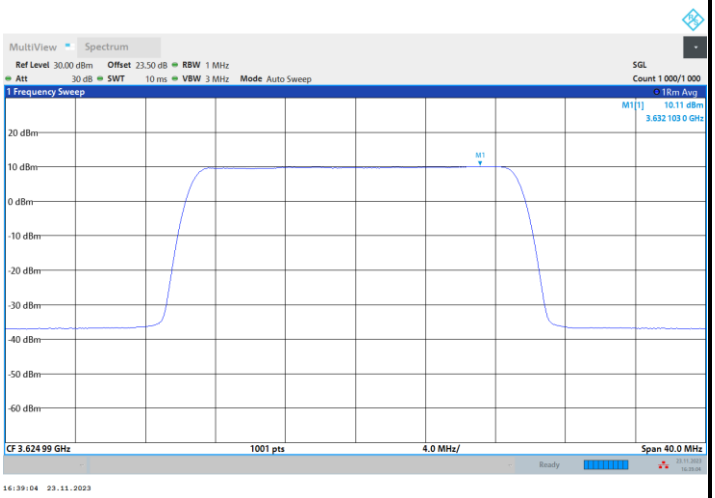
1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 17.5dBi MIMO antenna gain.

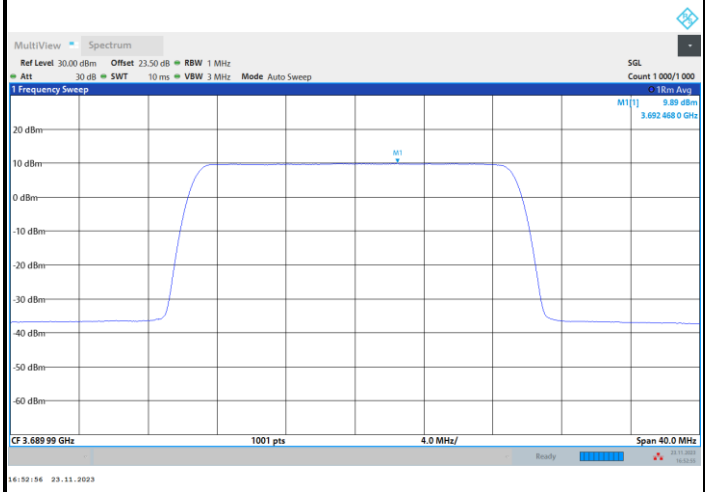
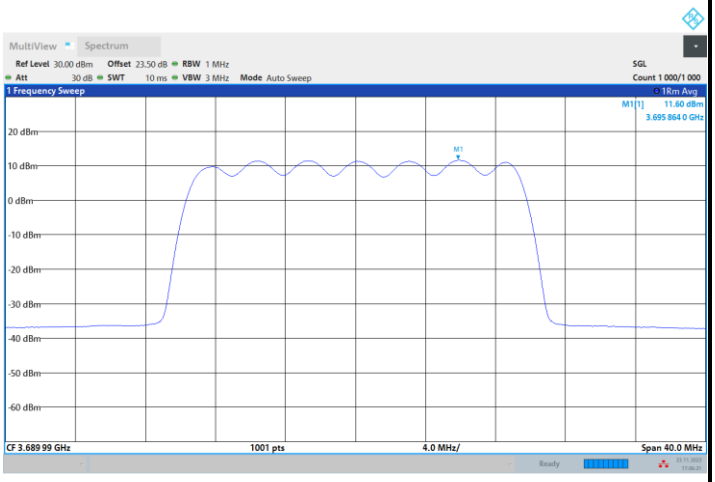
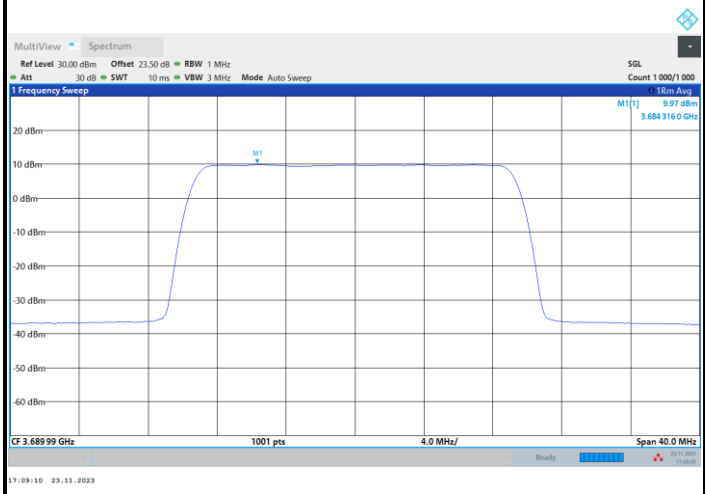
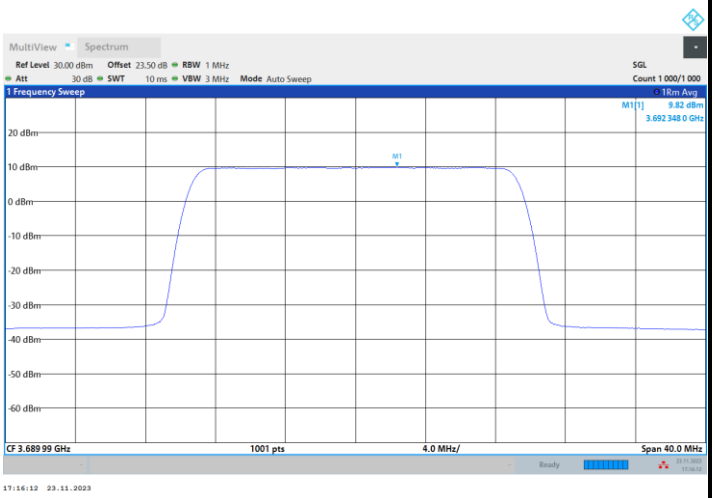
FR1 n48 / 10MHz / Lowest Channel / PSD	
QPSK	16QAM
	
64QAM	256QAM
	

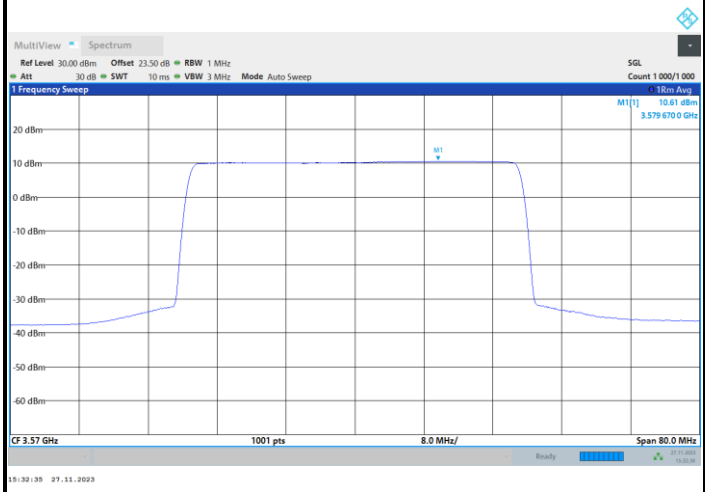
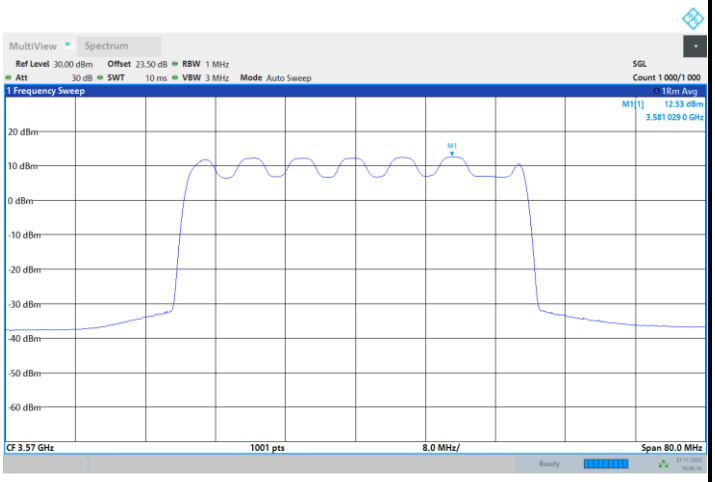
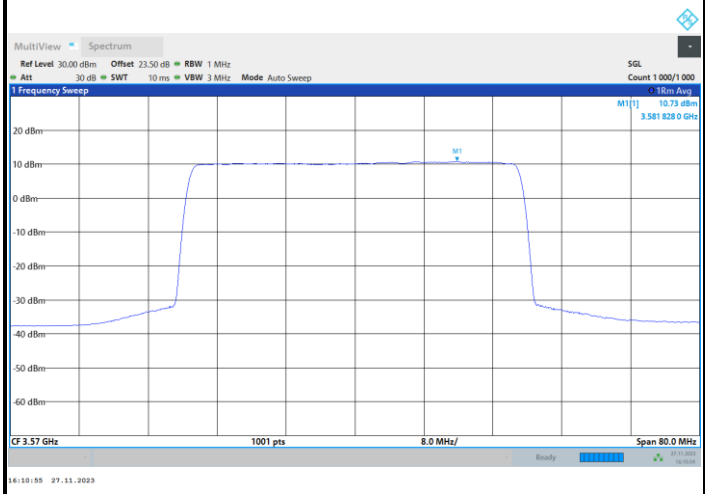
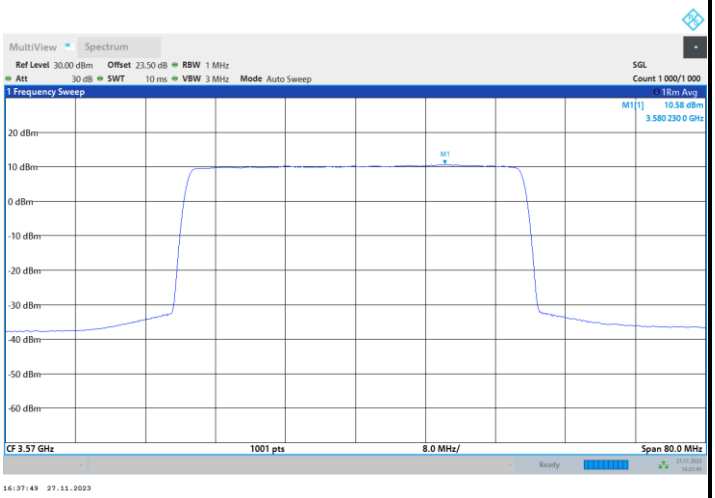
FR1 n48 / 10MHz / Middle Channel / PSD	
QPSK	16QAM
	
64QAM	256QAM
	

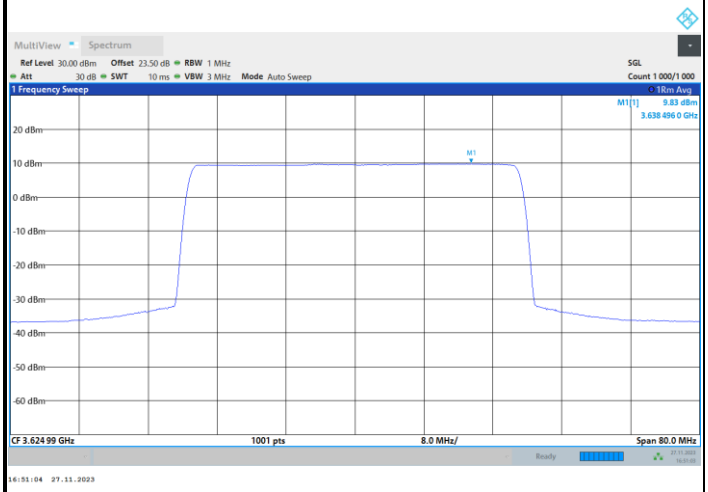
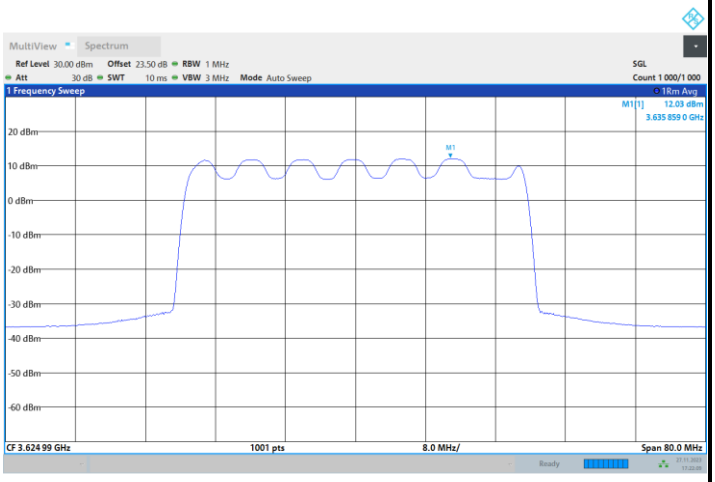
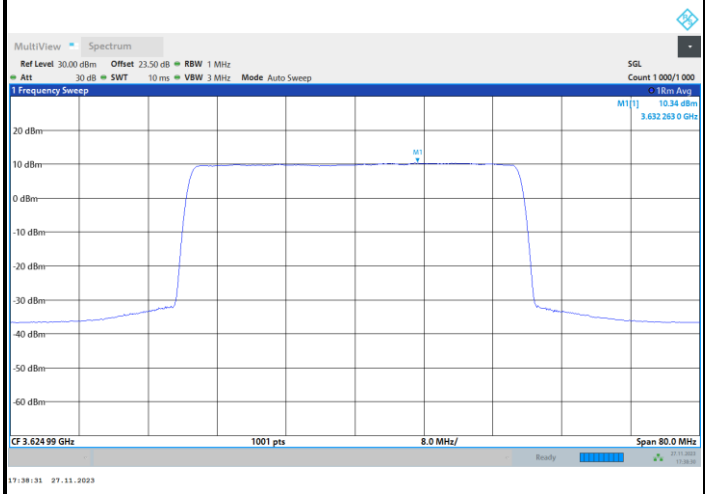
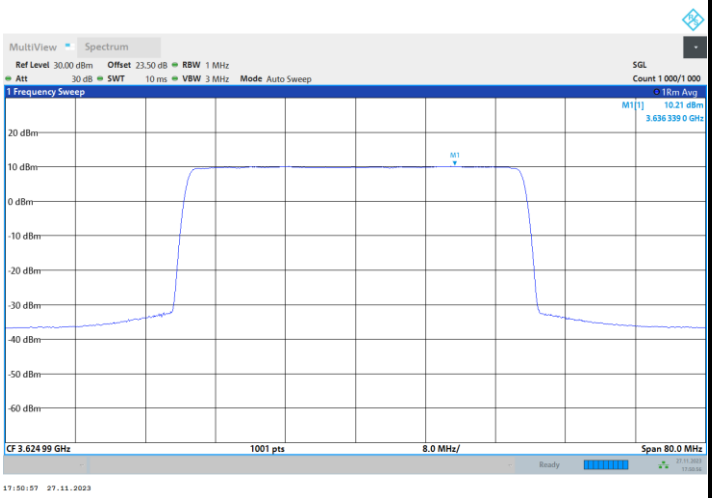
FR1 n48 / 10MHz / Highest Channel / PSD	
QPSK	16QAM
	
64QAM	256QAM
	

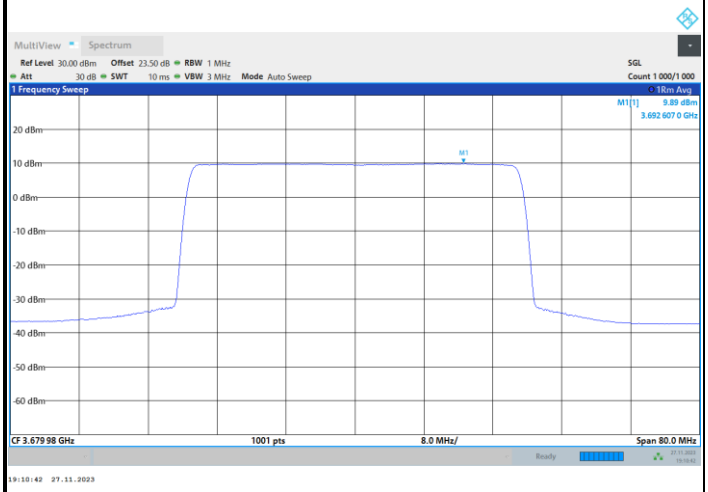
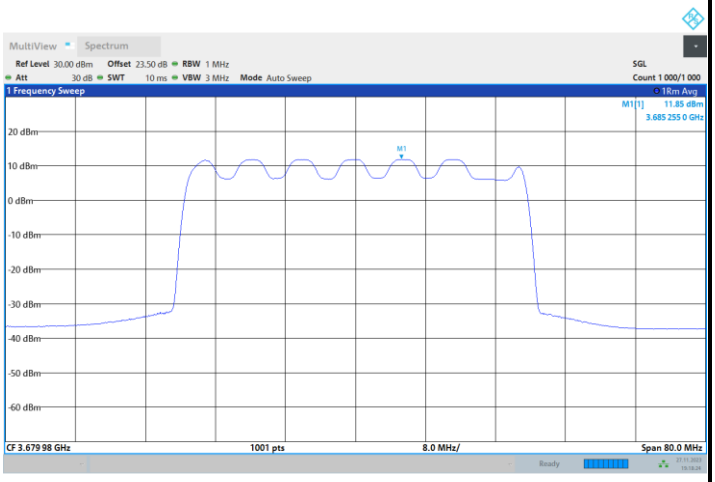
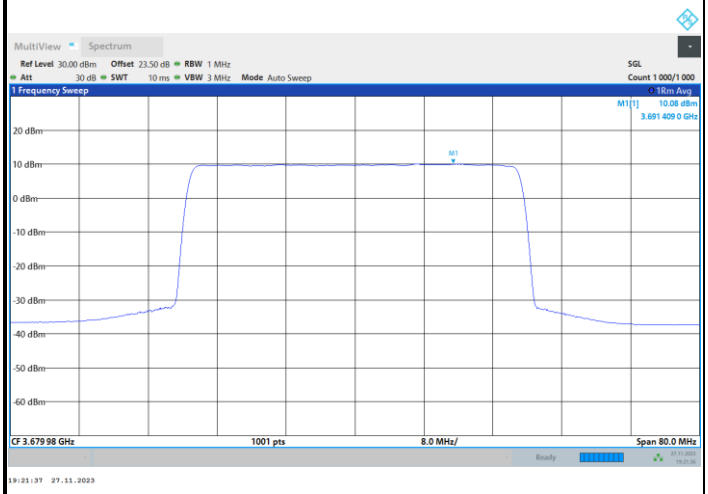
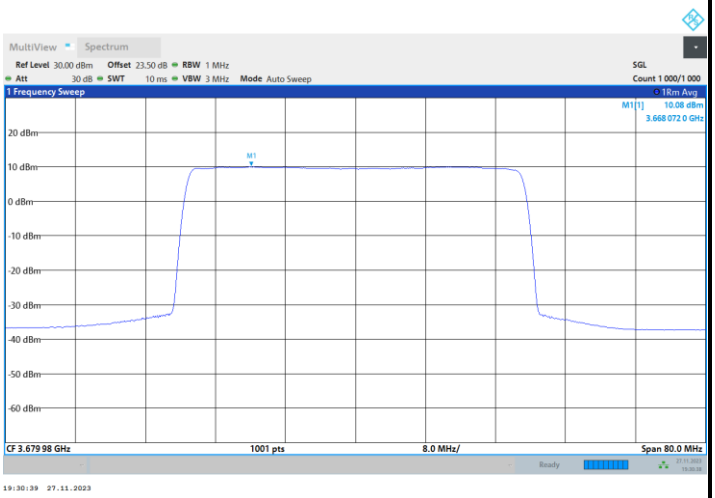
FR1 n48 / 20MHz / Lowest Channel / PSD	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n48 / 20MHz / Middle Channel / PSD	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n48 / 20MHz / Highest Channel / PSD	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n48 / 40MHz / Lowest Channel / PSD	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n48 / 40MHz / Middle Channel / PSD	
QPSK	16QAM
	
64QAM	256QAM
	

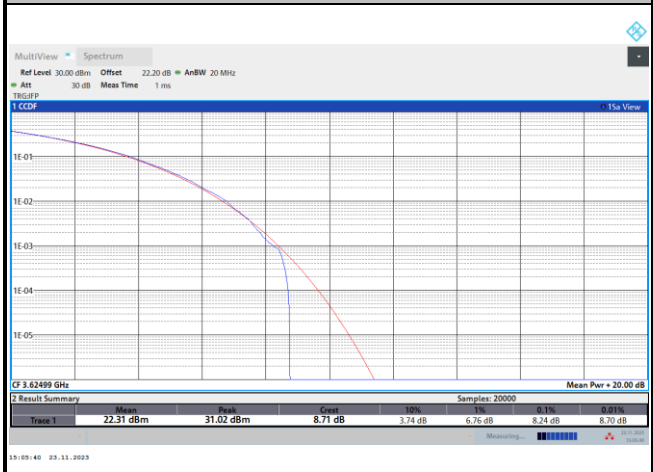
FR1 n48 / 40MHz / Highest Channel / PSD	
QPSK	16QAM
	
64QAM	256QAM
	

Peak-to-Average Ratio

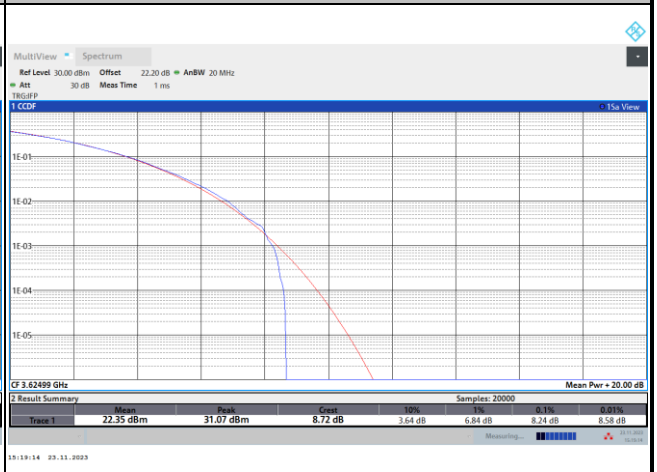
Mode	FR1 n48 / 20MHz / PAR (dB)				Limit: 13dB
Mod.	QPSK	16QAM	64QAM	256QAM	Result
Middle CH	8.24	8.24	8.30	8.30	PASS

FR1 n48 / 20MHz / Middle Channel / PAR

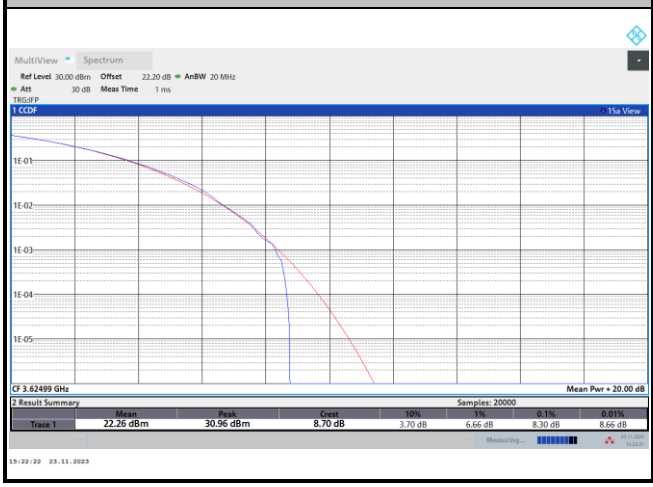
QPSK



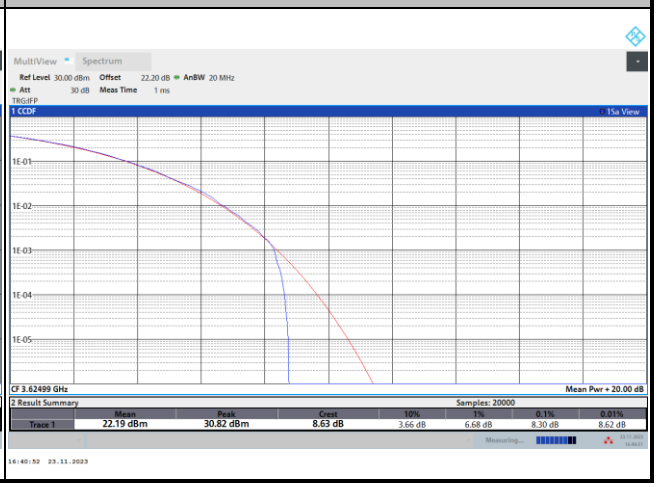
16QAM



64QAM



256QAM

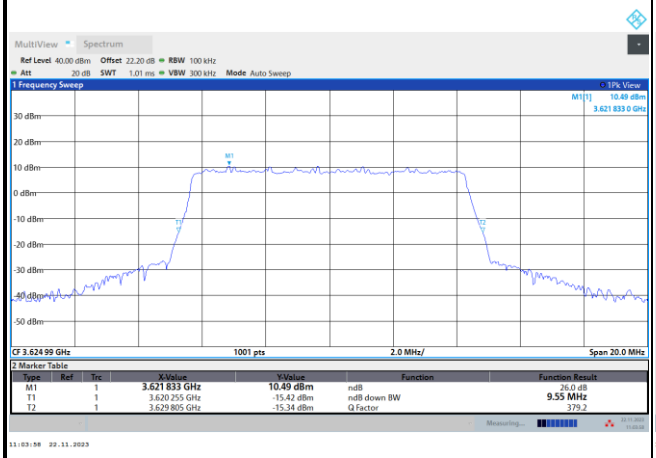


26dB Bandwidth

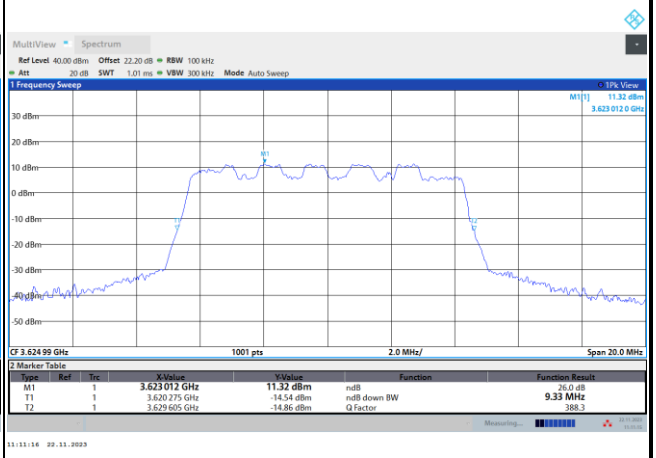
Mode	FR1 n48 : 26dB BW(MHz)							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Middle CH	9.55	9.33	19.50	19.46	40.68	40.44		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Middle CH	9.41	9.49	19.62	19.54	40.60	40.52		

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

QPSK



16QAM



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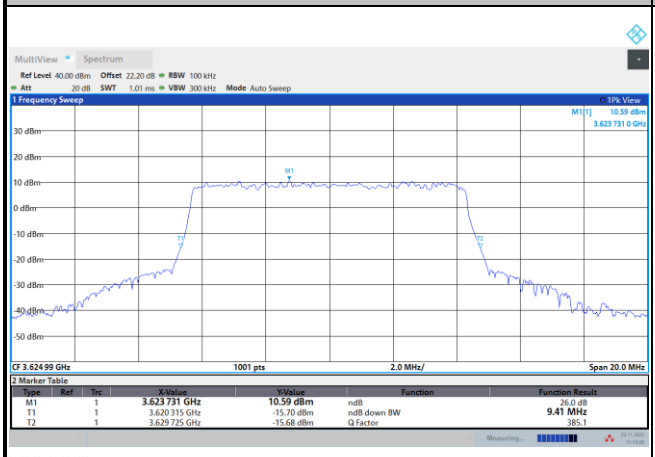

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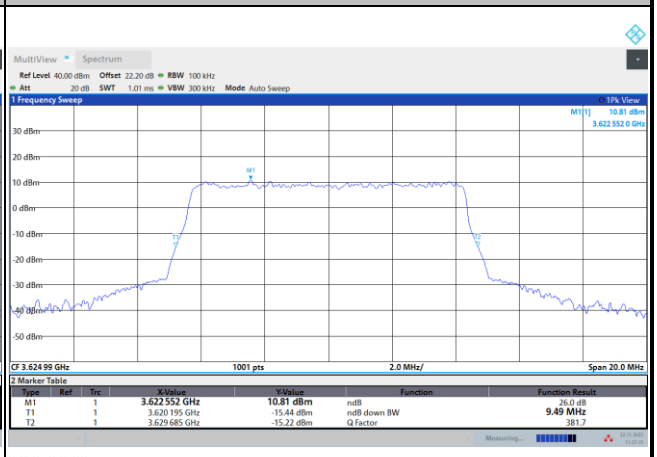
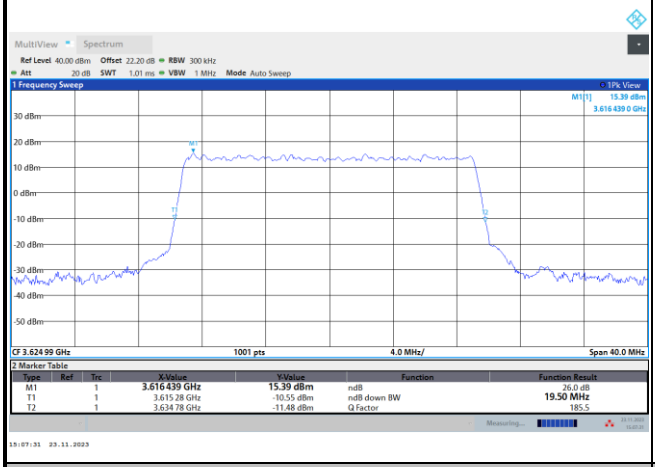


FR1 n48 / 20MHz / Middle Channel / 26dB BW

QPSK



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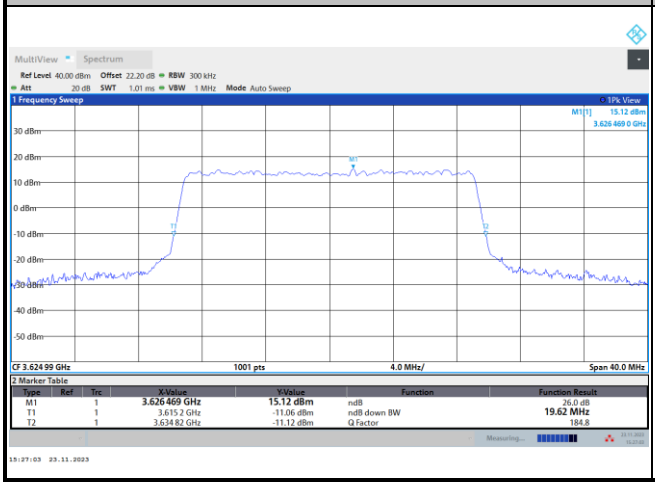

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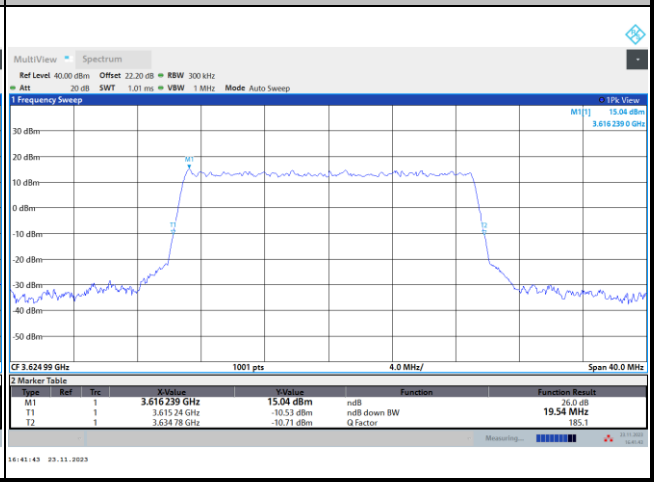
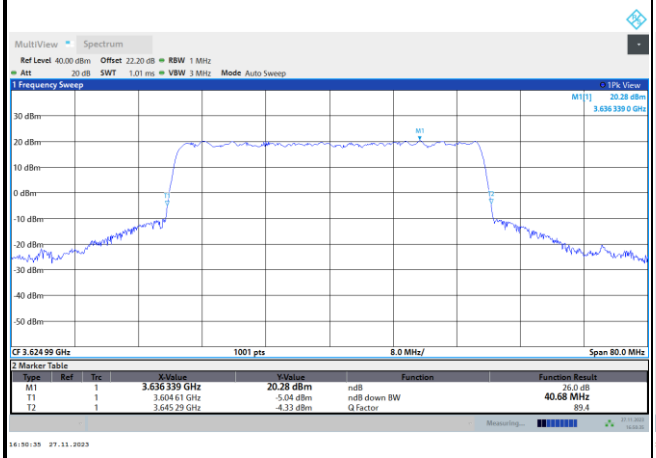


FR1 n48 / 40MHz / Middle Channel / 26dB BW

QPSK



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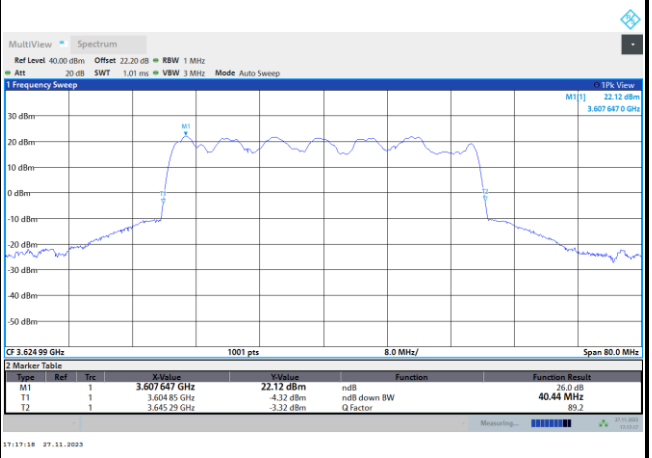

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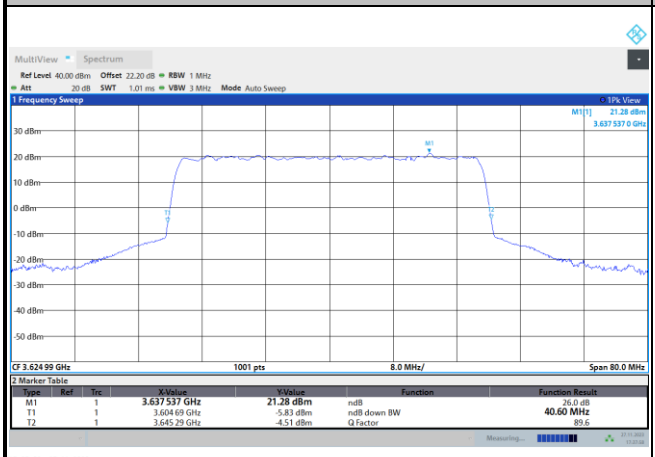

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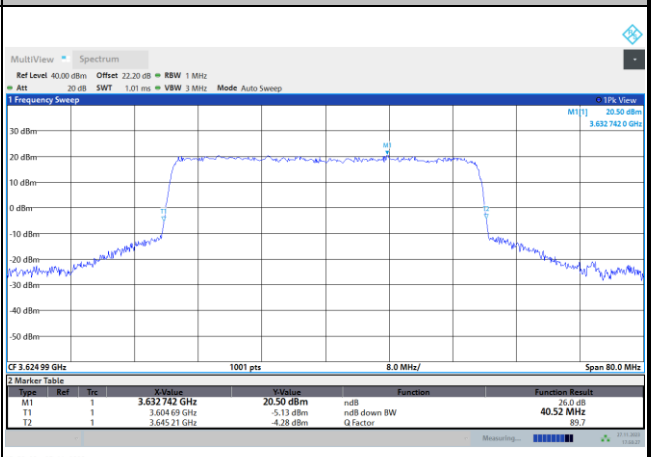
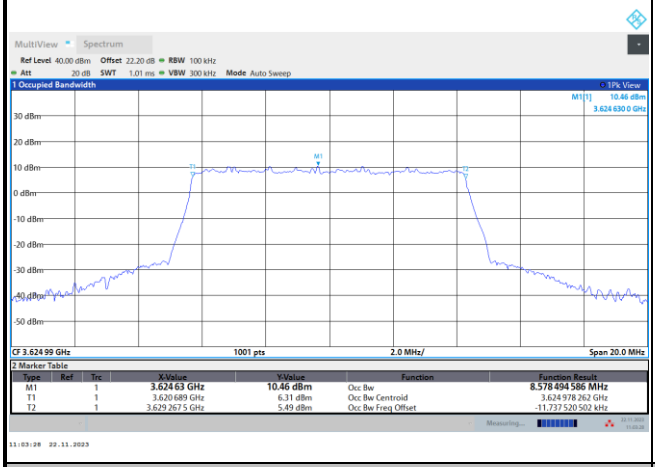


Occupied Bandwidth

Mode	FR1 n48 : 99%OBW (MHz)							
BW	10MHz		20MHz		40MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Middle CH	8.57	8.50	18.20	18.25	38.07	38.11		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Middle CH	8.54	8.55	18.20	18.18	37.97	38.07		

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

QPSK



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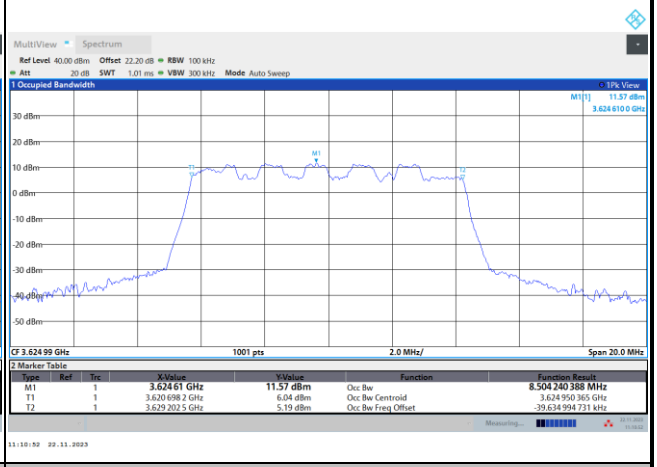

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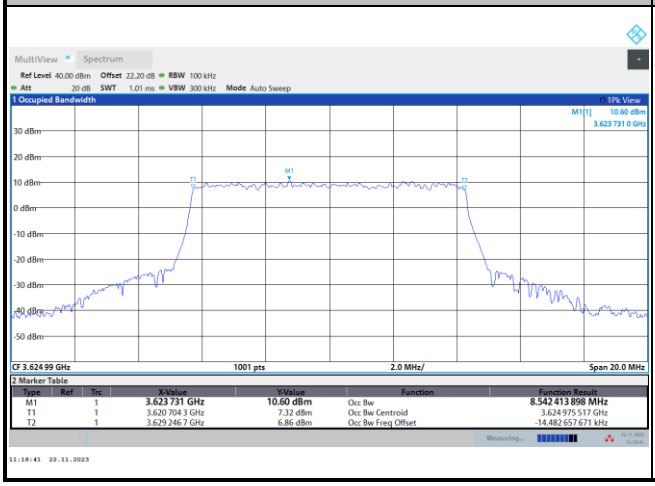

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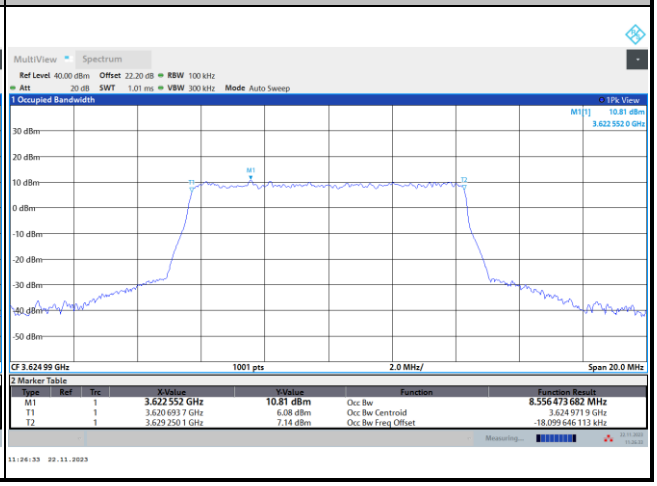
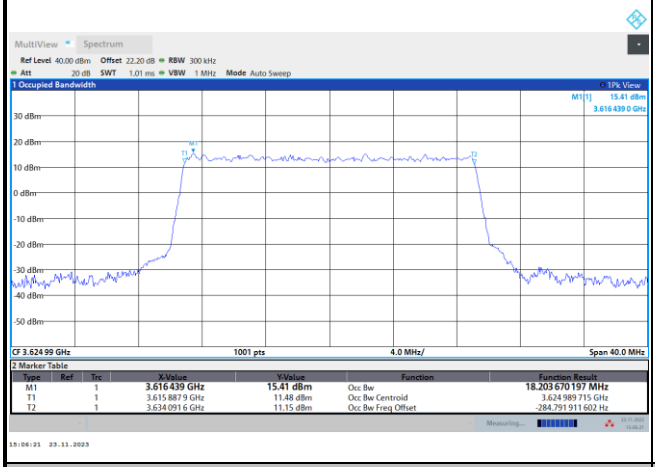


FR1 n48 / 20MHz / Middle Channel / 99%OBW

QPSK



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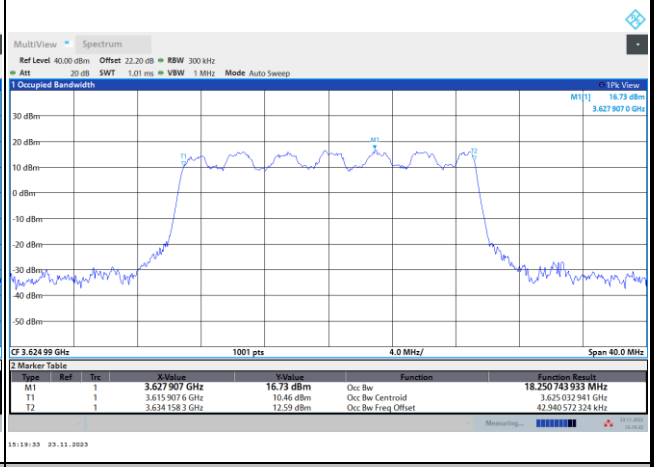

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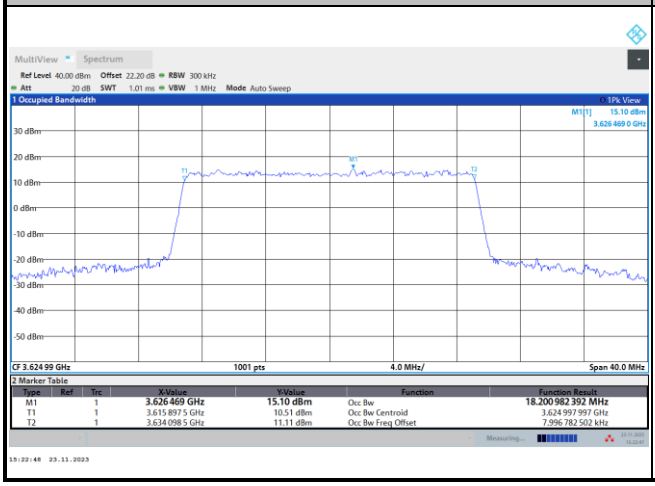

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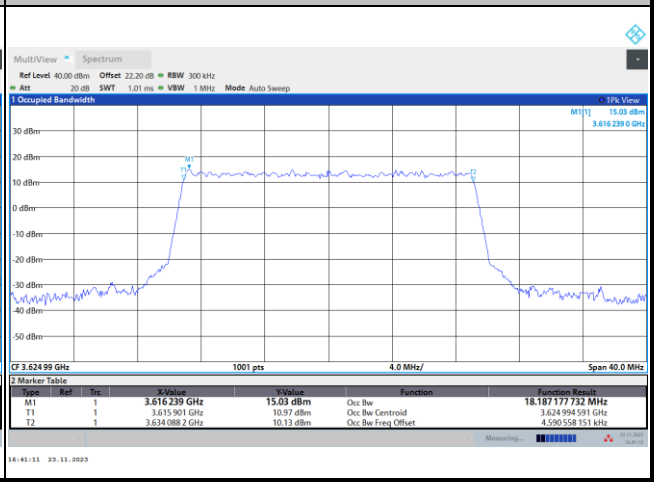
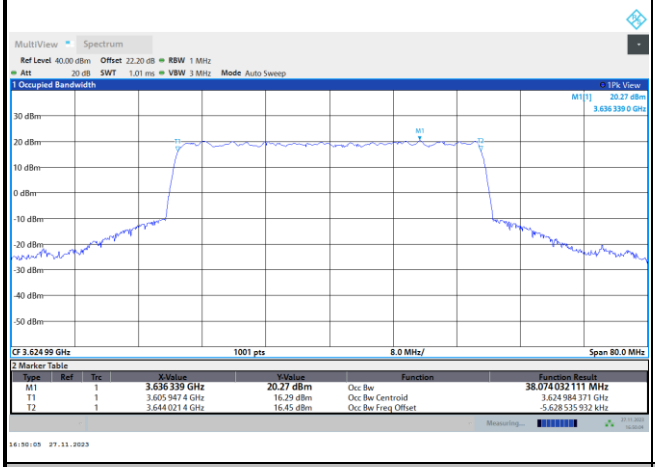


FR1 n48 / 40MHz / Middle Channel / 99%OBW

QPSK



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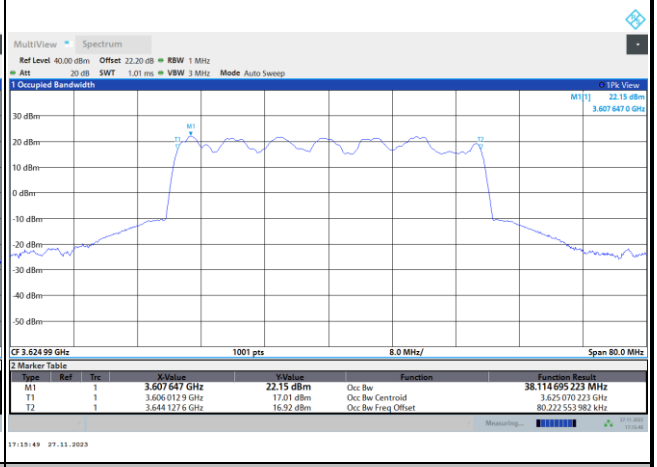

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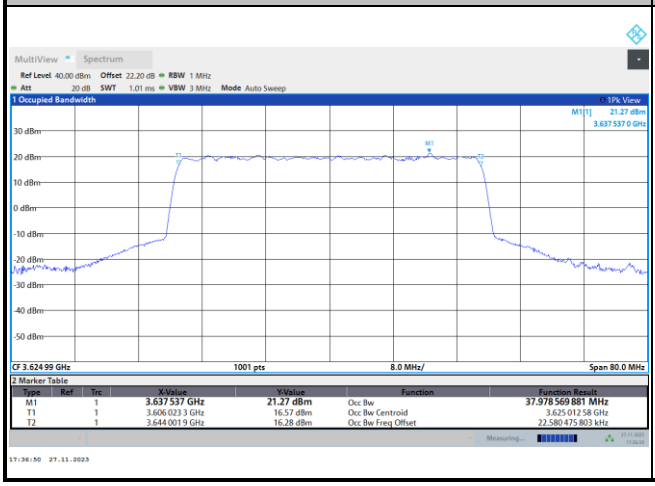

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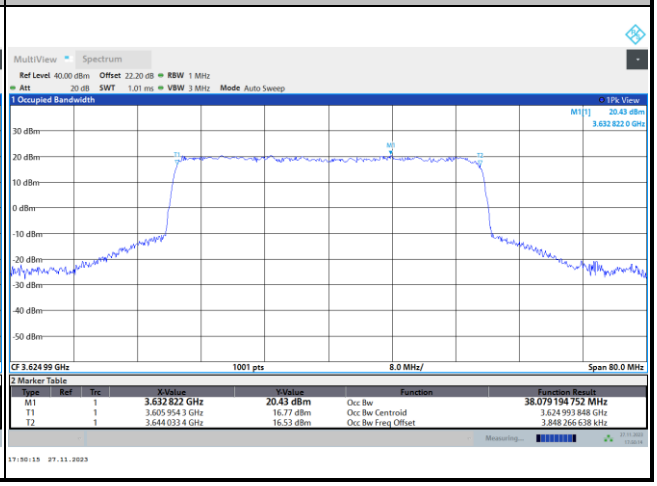
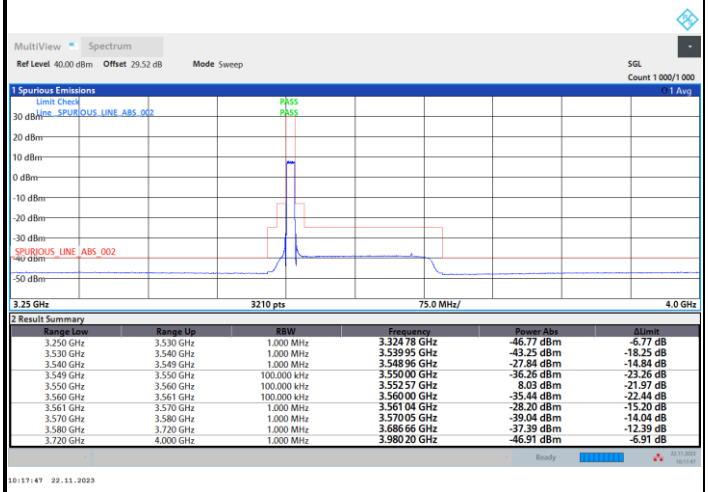


Unwanted Emission (MASK)

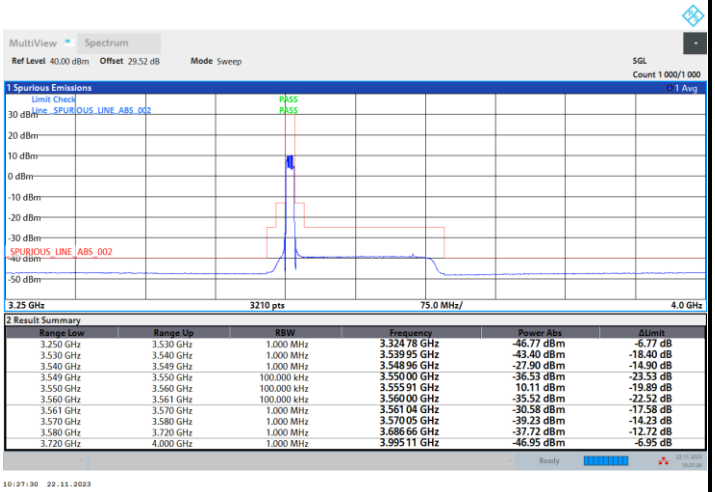
FR1 n48 / 10MHz / Lowest Channel / MASK

QPSK



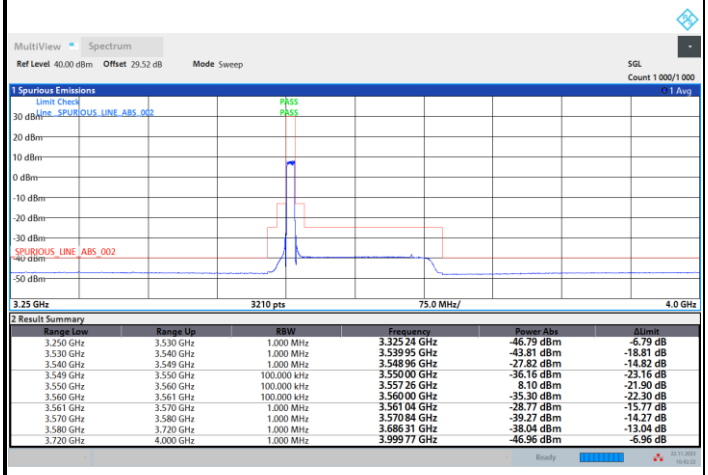
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-46.77 dBm	-6.77 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-43.25 dBm	-18.25 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-27.84 dBm	-14.84 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.550 00 GHz	-36.26 dBm	-23.26 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.552 57 GHz	8.03 dBm	-21.97 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.560 00 GHz	-35.44 dBm	-22.44 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.561 04 GHz	-28.20 dBm	-15.20 dB
3.570 GHz	3.580 GHz	1.000 MHz	3.570 05 GHz	-39.04 dBm	-14.04 dB
3.580 GHz	3.720 GHz	1.000 MHz	3.686 66 GHz	-37.39 dBm	-12.39 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.980 20 GHz	-46.91 dBm	-6.91 dB

16QAM



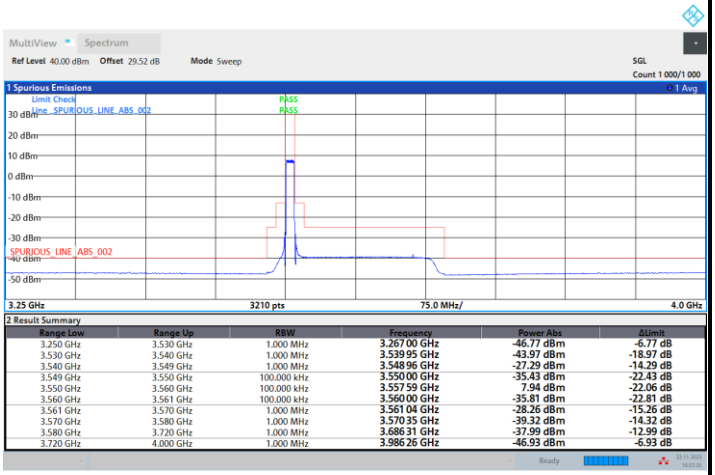
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-46.77 dBm	-6.77 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-43.40 dBm	-18.40 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-27.90 dBm	-14.90 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.550 00 GHz	-36.53 dBm	-23.53 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.555 91 GHz	10.11 dBm	-19.89 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.560 00 GHz	-35.52 dBm	-22.52 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.561 04 GHz	-30.58 dBm	-17.58 dB
3.570 GHz	3.580 GHz	1.000 MHz	3.570 05 GHz	-39.23 dBm	-14.23 dB
3.580 GHz	3.720 GHz	1.000 MHz	3.686 66 GHz	-37.72 dBm	-12.72 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.995 11 GHz	-46.95 dBm	-6.95 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.325 24 GHz	-46.79 dBm	-6.79 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-43.81 dBm	-18.81 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-27.82 dBm	-14.82 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.550 00 GHz	-36.16 dBm	-23.16 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.557 26 GHz	8.10 dBm	-21.90 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.560 00 GHz	-35.30 dBm	-22.30 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.561 04 GHz	-28.77 dBm	-15.77 dB
3.570 GHz	3.580 GHz	1.000 MHz	3.570 84 GHz	-39.27 dBm	-14.27 dB
3.580 GHz	3.720 GHz	1.000 MHz	3.686 31 GHz	-38.04 dBm	-13.04 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.999 77 GHz	-46.96 dBm	-6.96 dB

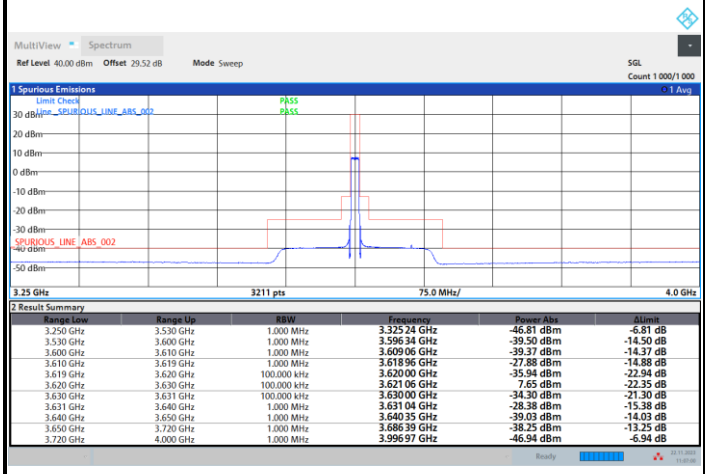
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.267 00 GHz	-46.77 dBm	-6.77 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-43.97 dBm	-18.97 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-27.29 dBm	-14.29 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.550 00 GHz	-35.43 dBm	-22.43 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.557 59 GHz	7.94 dBm	-22.06 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.560 00 GHz	-35.81 dBm	-22.81 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.561 04 GHz	-28.26 dBm	-15.26 dB
3.570 GHz	3.580 GHz	1.000 MHz	3.570 35 GHz	-39.32 dBm	-14.32 dB
3.580 GHz	3.720 GHz	1.000 MHz	3.686 31 GHz	-37.99 dBm	-12.99 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.986 26 GHz	-46.93 dBm	-6.93 dB

FR1 n48 / 10MHz / Middle Channel / MASK

QPSK



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.325 24 GHz	-46.81 dBm	-6.81 dB
3.530 GHz	3.600 GHz	1.000 MHz	3.596 34 GHz	-39.50 dBm	-14.50 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.609 06 GHz	-39.37 dBm	-14.37 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.618 96 GHz	-27.88 dBm	-14.88 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.620 00 GHz	-35.94 dBm	-22.94 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.621 06 GHz	7.65 dBm	-22.35 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.630 00 GHz	-34.30 dBm	-21.30 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.631 04 GHz	-28.38 dBm	-15.38 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.640 35 GHz	-39.03 dBm	-14.03 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.686 39 GHz	-38.25 dBm	-13.25 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.996 97 GHz	-46.94 dBm	-6.94 dB

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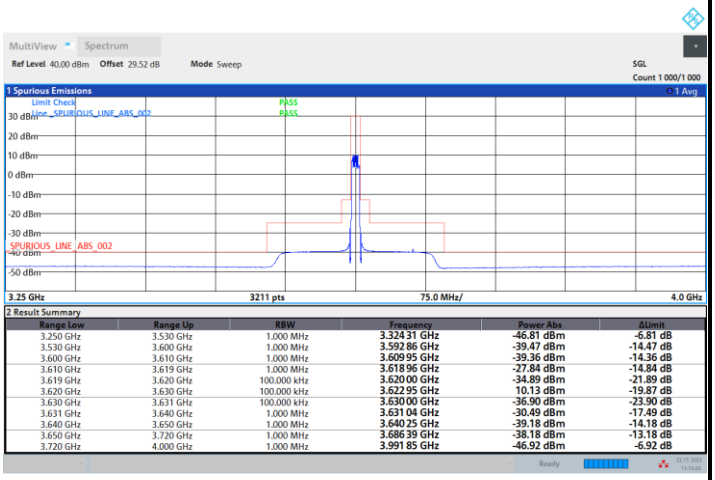
16QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 31 GHz	-46.81 dBm	-6.81 dB
3.530 GHz	3.600 GHz	1.000 MHz	3.592 86 GHz	-39.47 dBm	-14.47 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.609 95 GHz	-39.36 dBm	-14.36 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.618 96 GHz	-27.84 dBm	-14.84 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.620 00 GHz	-34.89 dBm	-21.89 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.622 95 GHz	10.13 dBm	-19.87 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.630 00 GHz	-36.90 dBm	-23.90 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.631 04 GHz	-30.49 dBm	-17.49 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.640 25 GHz	-39.18 dBm	-14.18 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.686 39 GHz	-38.18 dBm	-13.18 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.991 85 GHz	-46.92 dBm	-6.92 dB

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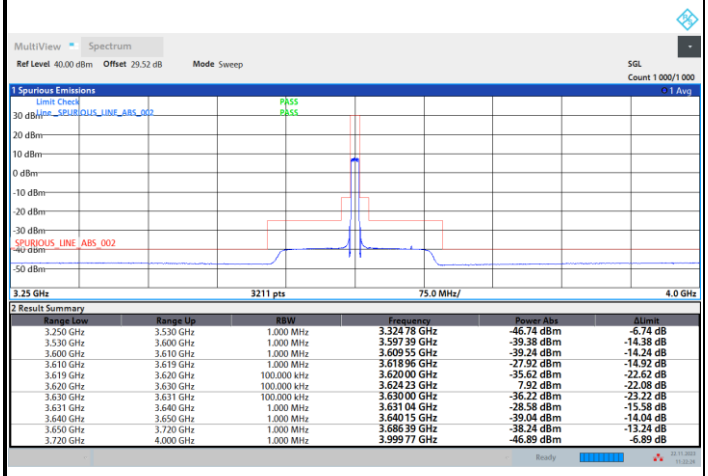
64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-46.74 dBm	-6.74 dB
3.530 GHz	3.600 GHz	1.000 MHz	3.597 39 GHz	-39.38 dBm	-14.38 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.609 55 GHz	-39.24 dBm	-14.24 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.618 96 GHz	-27.92 dBm	-14.92 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.620 00 GHz	-35.62 dBm	-22.62 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.624 23 GHz	7.92 dBm	-22.08 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.630 00 GHz	-36.22 dBm	-23.22 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.631 04 GHz	-28.58 dBm	-15.58 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.640 15 GHz	-39.04 dBm	-14.04 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.686 39 GHz	-38.24 dBm	-13.24 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.999 77 GHz	-46.89 dBm	-6.89 dB

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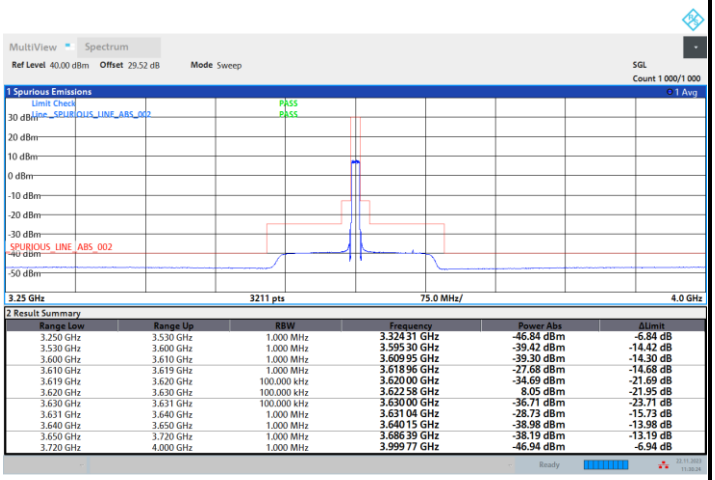
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 31 GHz	-46.84 dBm	-6.84 dB
3.530 GHz	3.600 GHz	1.000 MHz	3.595 30 GHz	-39.42 dBm	-14.42 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.609 95 GHz	-39.30 dBm	-14.30 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.618 96 GHz	-27.68 dBm	-14.68 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.620 00 GHz	-34.69 dBm	-21.69 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.622 58 GHz	8.05 dBm	-21.95 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.630 00 GHz	-36.71 dBm	-23.71 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.631 04 GHz	-28.73 dBm	-15.73 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.640 15 GHz	-38.98 dBm	-13.98 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.686 39 GHz	-38.19 dBm	-13.19 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.999 77 GHz	-46.94 dBm	-6.94 dB

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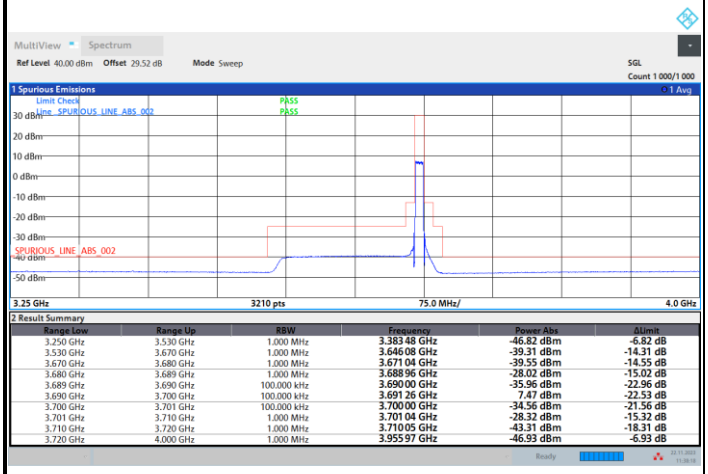
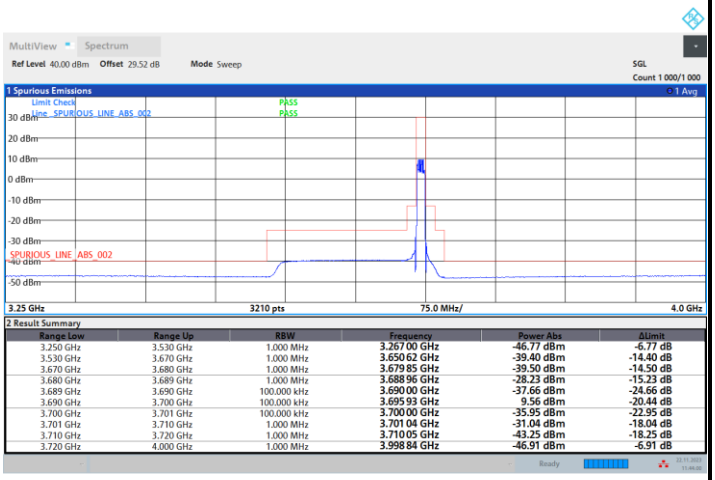
FR1 n48 / 10MHz / Highest Channel / MASK

QPSK



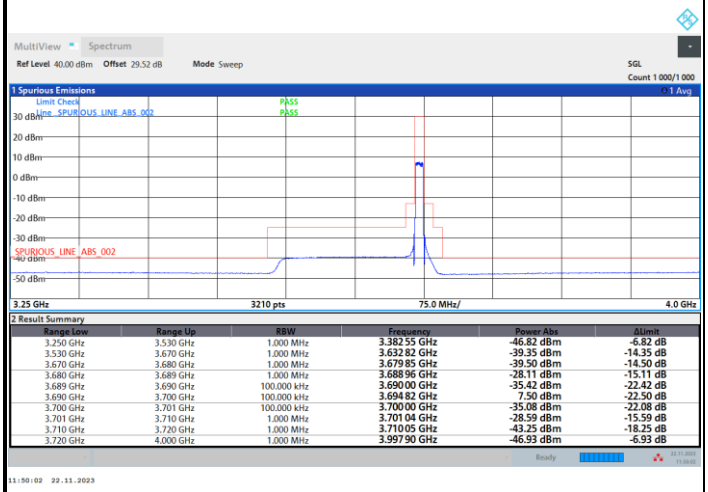
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.383 48 GHz	-46.82 dBm	-6.82 dB
3.530 GHz	3.670 GHz	1.000 MHz	3.646 08 GHz	-39.31 dBm	-14.31 dB
3.670 GHz	3.680 GHz	1.000 MHz	3.671 04 GHz	-39.55 dBm	-14.55 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.688 96 GHz	-28.02 dBm	-15.02 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.690 00 GHz	-35.96 dBm	-22.96 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.691 26 GHz	7.47 dBm	-22.53 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.700 00 GHz	-34.56 dBm	-21.56 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-28.32 dBm	-15.32 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-43.31 dBm	-18.31 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.955 97 GHz	-46.93 dBm	-6.93 dB

16QAM



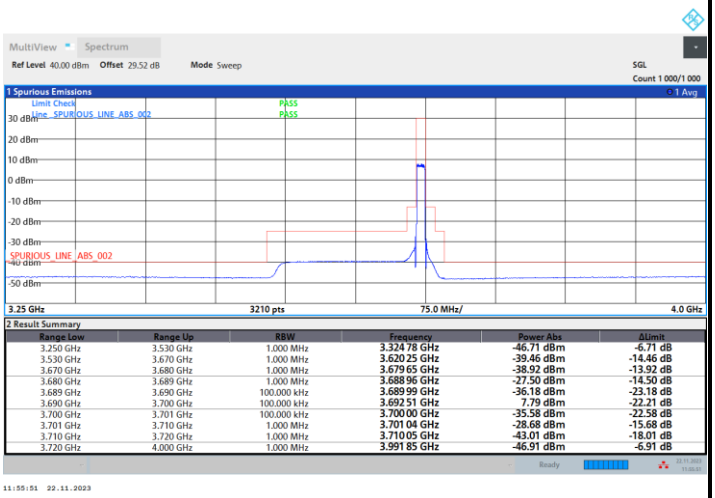
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.267 00 GHz	-46.77 dBm	-6.77 dB
3.530 GHz	3.670 GHz	1.000 MHz	3.650 62 GHz	-39.40 dBm	-14.40 dB
3.670 GHz	3.680 GHz	1.000 MHz	3.679 85 GHz	-39.50 dBm	-14.50 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.688 96 GHz	-28.23 dBm	-15.23 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.690 00 GHz	-37.66 dBm	-24.66 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.695 93 GHz	9.56 dBm	-20.44 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.700 00 GHz	-35.95 dBm	-22.95 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-31.04 dBm	-18.04 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-43.25 dBm	-18.25 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.998 84 GHz	-46.91 dBm	-6.91 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.382 55 GHz	-46.82 dBm	-6.82 dB
3.530 GHz	3.670 GHz	1.000 MHz	3.632 82 GHz	-39.35 dBm	-14.35 dB
3.670 GHz	3.680 GHz	1.000 MHz	3.679 85 GHz	-39.50 dBm	-14.50 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.688 96 GHz	-28.11 dBm	-15.11 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.690 00 GHz	-35.42 dBm	-22.42 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.694 82 GHz	7.50 dBm	-22.50 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.700 00 GHz	-35.08 dBm	-22.08 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-28.59 dBm	-15.59 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-43.25 dBm	-18.25 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.997 90 GHz	-46.93 dBm	-6.93 dB

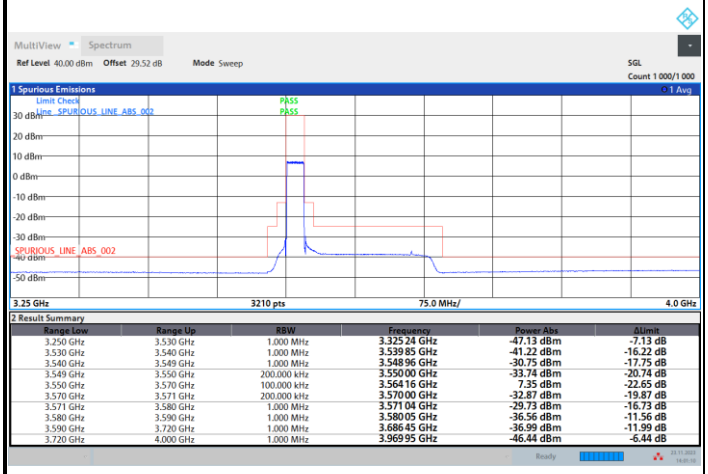
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-46.71 dBm	-6.71 dB
3.530 GHz	3.670 GHz	1.000 MHz	3.620 25 GHz	-39.46 dBm	-14.46 dB
3.670 GHz	3.680 GHz	1.000 MHz	3.679 65 GHz	-38.92 dBm	-13.92 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.688 96 GHz	-27.50 dBm	-14.50 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.689 99 GHz	-36.18 dBm	-23.18 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.692 51 GHz	7.79 dBm	-22.21 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.700 00 GHz	-35.58 dBm	-22.58 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-28.68 dBm	-15.68 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-43.01 dBm	-18.01 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.991 85 GHz	-46.91 dBm	-6.91 dB

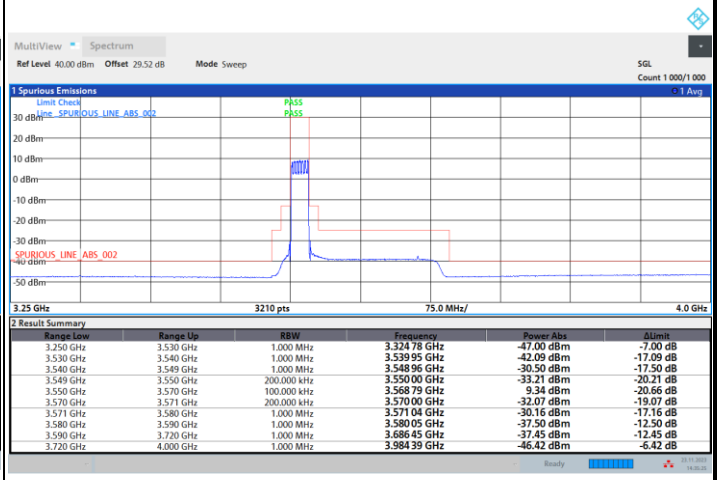
FR1 n48 / 20MHz / Lowest Channel / MASK

QPSK



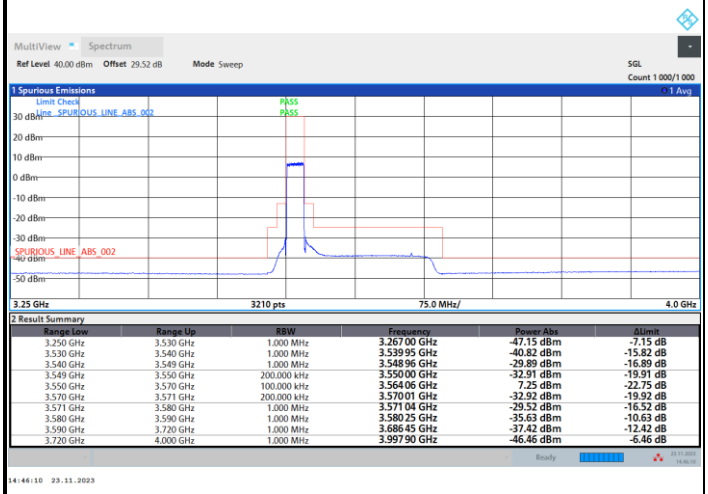
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.325 24 GHz	-47.13 dBm	-7.13 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 85 GHz	-41.22 dBm	-16.22 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-30.75 dBm	-17.75 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.550 00 GHz	-33.74 dBm	-20.74 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.564 16 GHz	7.35 dBm	-22.65 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.570 00 GHz	-32.87 dBm	-19.87 dB
3.571 GHz	3.580 GHz	1.000 MHz	3.571 04 GHz	-29.73 dBm	-16.73 dB
3.580 GHz	3.590 GHz	1.000 MHz	3.580 05 GHz	-36.56 dBm	-11.56 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.686 45 GHz	-36.99 dBm	-11.99 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.969 95 GHz	-46.44 dBm	-6.44 dB

16QAM



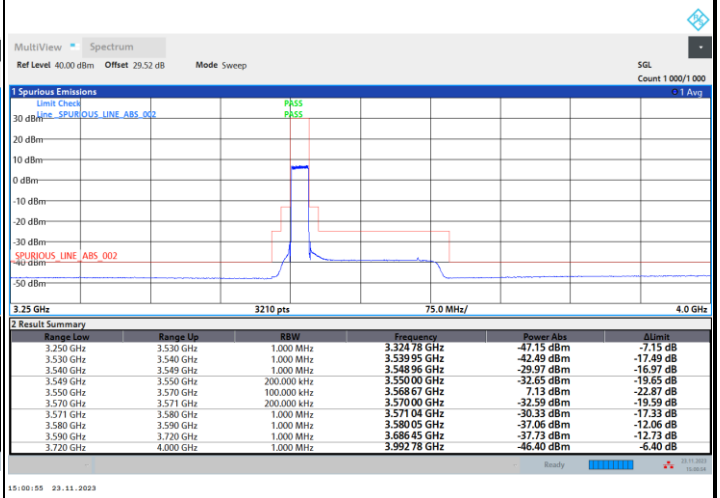
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-47.00 dBm	-7.00 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-42.09 dBm	-17.09 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-30.50 dBm	-17.50 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.550 00 GHz	-33.21 dBm	-20.21 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.568 79 GHz	9.34 dBm	-20.66 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.570 00 GHz	-32.07 dBm	-19.07 dB
3.571 GHz	3.580 GHz	1.000 MHz	3.571 04 GHz	-30.16 dBm	-17.16 dB
3.580 GHz	3.590 GHz	1.000 MHz	3.580 05 GHz	-37.50 dBm	-12.50 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.686 45 GHz	-37.45 dBm	-12.45 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.984 39 GHz	-46.42 dBm	-6.42 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.267 00 GHz	-47.15 dBm	-7.15 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-40.82 dBm	-15.82 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-29.89 dBm	-16.89 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.550 00 GHz	-32.91 dBm	-19.91 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.564 06 GHz	7.25 dBm	-22.75 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.570 01 GHz	-32.92 dBm	-19.92 dB
3.571 GHz	3.580 GHz	1.000 MHz	3.571 04 GHz	-29.52 dBm	-16.52 dB
3.580 GHz	3.590 GHz	1.000 MHz	3.580 25 GHz	-35.63 dBm	-10.63 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.686 45 GHz	-37.42 dBm	-12.42 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.997 90 GHz	-46.46 dBm	-6.46 dB

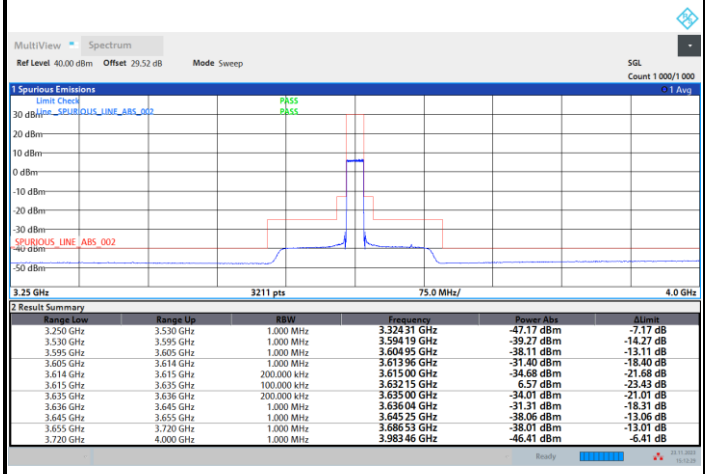
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-47.15 dBm	-7.15 dB
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-42.49 dBm	-17.49 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-29.97 dBm	-16.97 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.550 00 GHz	-32.65 dBm	-19.65 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.568 67 GHz	7.13 dBm	-22.87 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.570 00 GHz	-32.59 dBm	-19.59 dB
3.571 GHz	3.580 GHz	1.000 MHz	3.571 04 GHz	-30.33 dBm	-17.33 dB
3.580 GHz	3.590 GHz	1.000 MHz	3.580 05 GHz	-37.06 dBm	-12.06 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.686 45 GHz	-37.73 dBm	-12.73 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.992 78 GHz	-46.40 dBm	-6.40 dB

FR1 n48 / 20MHz / Middle Channel / MASK

QPSK



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 31 GHz	-47.17 dBm	-7.17 dB
3.530 GHz	3.595 GHz	1.000 MHz	3.594 19 GHz	-39.27 dBm	-14.27 dB
3.595 GHz	3.605 GHz	1.000 MHz	3.604 95 GHz	-38.11 dBm	-13.11 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.613 96 GHz	-31.40 dBm	-18.40 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.615 00 GHz	-34.68 dBm	-21.68 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.632 15 GHz	6.57 dBm	-23.43 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.635 00 GHz	-34.01 dBm	-21.01 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.636 04 GHz	-31.31 dBm	-18.31 dB
3.645 GHz	3.655 GHz	1.000 MHz	3.645 25 GHz	-38.06 dBm	-13.06 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.686 53 GHz	-38.01 dBm	-13.01 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.983 46 GHz	-46.41 dBm	-6.41 dB

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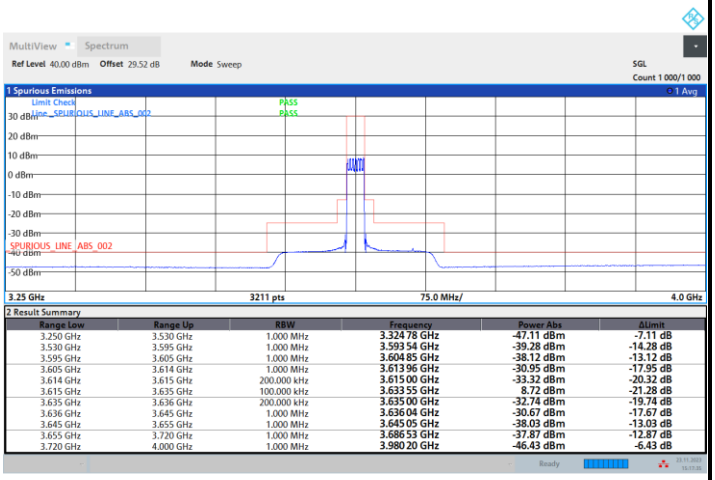
16QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-47.11 dBm	-7.11 dB
3.530 GHz	3.595 GHz	1.000 MHz	3.593 54 GHz	-39.28 dBm	-14.28 dB
3.595 GHz	3.605 GHz	1.000 MHz	3.604 85 GHz	-38.12 dBm	-13.12 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.613 96 GHz	-30.95 dBm	-17.95 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.615 00 GHz	-33.32 dBm	-20.32 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.633 55 GHz	8.72 dBm	-21.28 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.635 00 GHz	-32.74 dBm	-19.74 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.636 04 GHz	-30.67 dBm	-17.67 dB
3.645 GHz	3.655 GHz	1.000 MHz	3.645 05 GHz	-38.03 dBm	-13.03 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.686 53 GHz	-37.87 dBm	-12.87 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.980 20 GHz	-46.43 dBm	-6.43 dB

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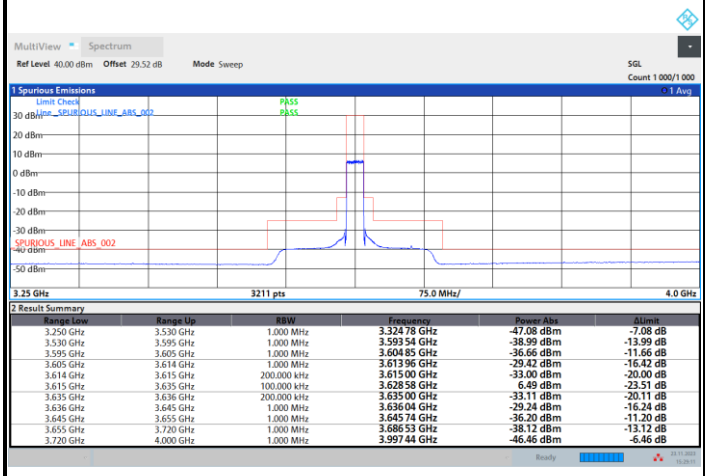
64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-47.08 dBm	-7.08 dB
3.530 GHz	3.595 GHz	1.000 MHz	3.593 54 GHz	-38.99 dBm	-13.99 dB
3.595 GHz	3.605 GHz	1.000 MHz	3.604 85 GHz	-36.66 dBm	-11.66 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.613 96 GHz	-29.42 dBm	-16.42 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.615 00 GHz	-33.00 dBm	-20.00 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.628 58 GHz	6.49 dBm	-23.51 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.635 00 GHz	-33.11 dBm	-20.11 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.636 04 GHz	-29.24 dBm	-16.24 dB
3.645 GHz	3.655 GHz	1.000 MHz	3.645 74 GHz	-36.20 dBm	-11.20 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.686 53 GHz	-38.12 dBm	-13.12 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.997 44 GHz	-46.46 dBm	-6.46 dB

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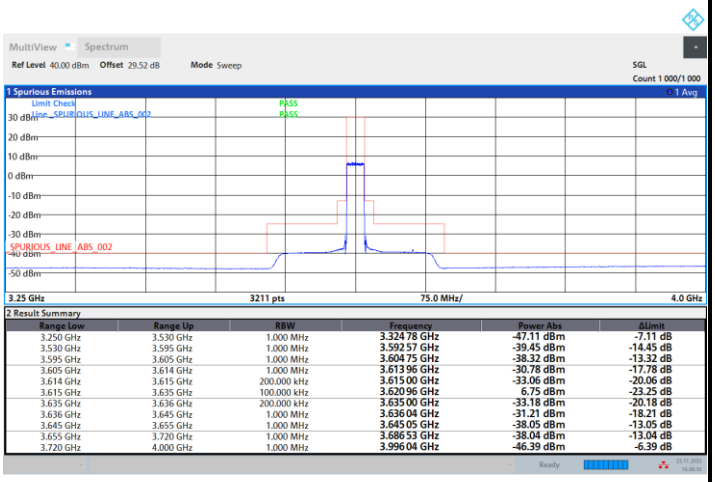
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-47.11 dBm	-7.11 dB
3.530 GHz	3.595 GHz	1.000 MHz	3.592 57 GHz	-39.45 dBm	-14.45 dB
3.595 GHz	3.605 GHz	1.000 MHz	3.604 75 GHz	-38.32 dBm	-13.32 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.613 96 GHz	-30.78 dBm	-17.78 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.615 00 GHz	-33.06 dBm	-20.06 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.620 96 GHz	6.75 dBm	-23.25 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.635 00 GHz	-33.18 dBm	-20.18 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.636 04 GHz	-31.21 dBm	-18.21 dB
3.645 GHz	3.655 GHz	1.000 MHz	3.645 05 GHz	-38.05 dBm	-13.05 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.686 53 GHz	-38.04 dBm	-13.04 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.996 04 GHz	-46.39 dBm	-6.39 dB

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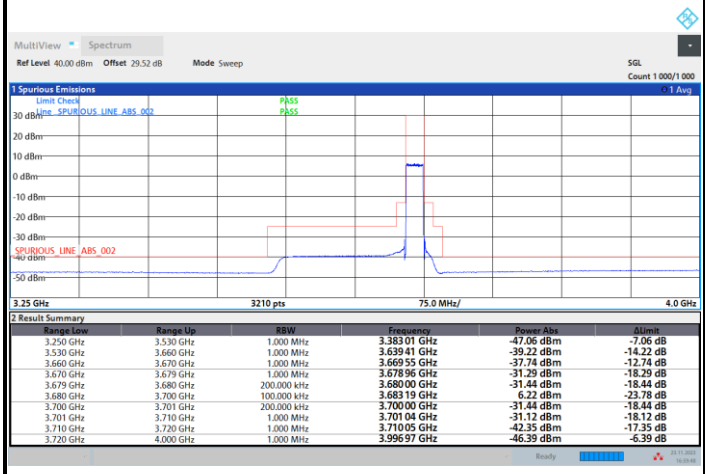
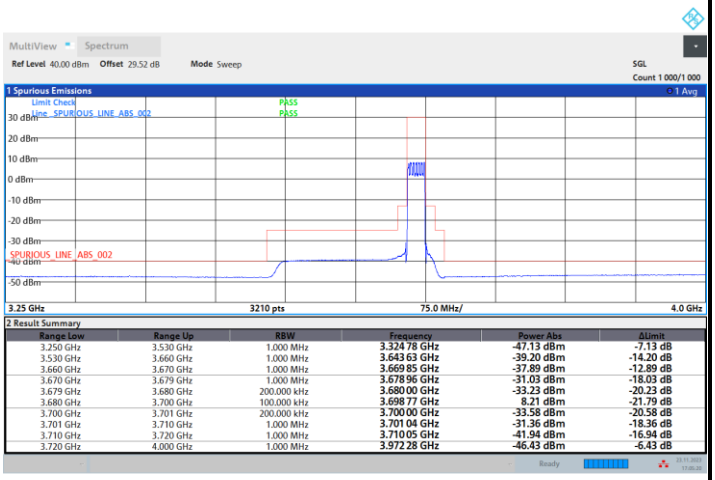
FR1 n48 / 20MHz / Highest Channel / MASK

QPSK



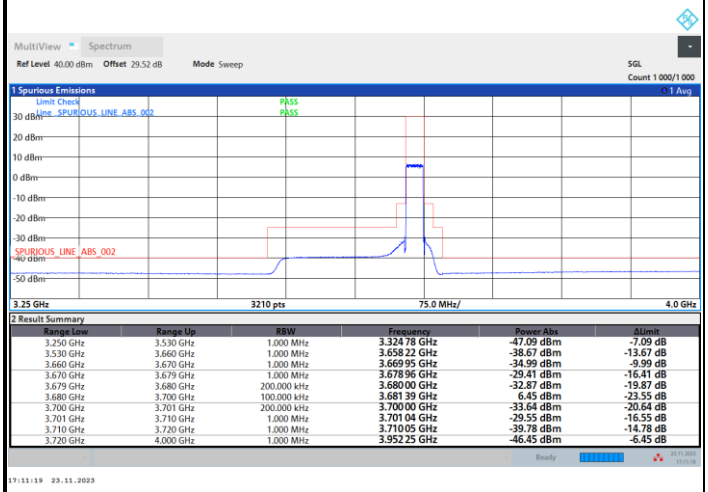
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.383 01 GHz	-47.06 dBm	-7.06 dB
3.530 GHz	3.660 GHz	1.000 MHz	3.639 41 GHz	-39.22 dBm	-14.22 dB
3.660 GHz	3.670 GHz	1.000 MHz	3.669 55 GHz	-37.74 dBm	-12.74 dB
3.670 GHz	3.679 GHz	1.000 MHz	3.678 96 GHz	-31.29 dBm	-18.29 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.680 00 GHz	-31.44 dBm	-18.44 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.683 19 GHz	6.22 dBm	-23.78 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.700 00 GHz	-31.44 dBm	-18.44 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-31.12 dBm	-18.12 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-42.35 dBm	-17.35 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.996 97 GHz	-46.39 dBm	-6.39 dB

16QAM



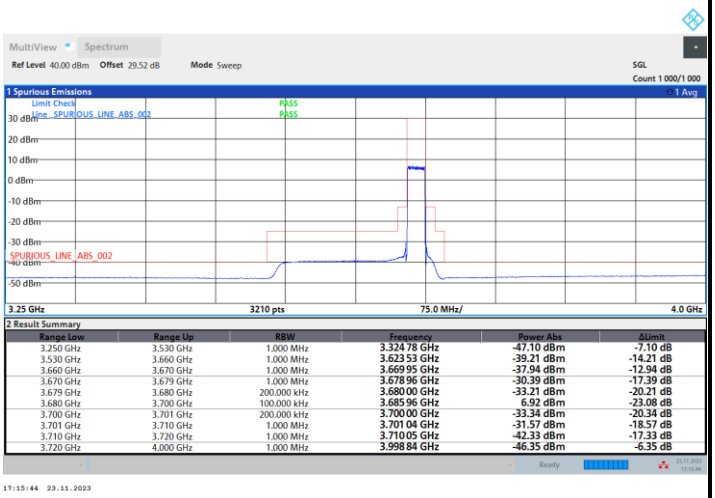
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-47.13 dBm	-7.13 dB
3.530 GHz	3.660 GHz	1.000 MHz	3.643 63 GHz	-39.20 dBm	-14.20 dB
3.660 GHz	3.670 GHz	1.000 MHz	3.669 85 GHz	-37.89 dBm	-12.89 dB
3.670 GHz	3.679 GHz	1.000 MHz	3.678 96 GHz	-31.03 dBm	-18.03 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.680 00 GHz	-33.23 dBm	-20.23 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.698 77 GHz	8.21 dBm	-21.79 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.700 00 GHz	-33.58 dBm	-20.58 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-31.36 dBm	-18.36 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-41.94 dBm	-16.94 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.972 28 GHz	-46.43 dBm	-6.43 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-47.09 dBm	-7.09 dB
3.530 GHz	3.660 GHz	1.000 MHz	3.658 22 GHz	-38.67 dBm	-13.67 dB
3.660 GHz	3.670 GHz	1.000 MHz	3.669 95 GHz	-34.99 dBm	-9.99 dB
3.670 GHz	3.679 GHz	1.000 MHz	3.678 96 GHz	-29.41 dBm	-16.41 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.680 00 GHz	-32.87 dBm	-19.87 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.681 39 GHz	6.45 dBm	-23.55 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.700 00 GHz	-33.64 dBm	-20.64 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-29.55 dBm	-16.55 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-39.78 dBm	-14.78 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.952 25 GHz	-46.45 dBm	-6.45 dB

256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.250 GHz	3.530 GHz	1.000 MHz	3.324 78 GHz	-47.10 dBm	-7.10 dB
3.530 GHz	3.660 GHz	1.000 MHz	3.623 53 GHz	-39.21 dBm	-14.21 dB
3.660 GHz	3.670 GHz	1.000 MHz	3.669 95 GHz	-37.94 dBm	-12.94 dB
3.670 GHz	3.679 GHz	1.000 MHz	3.678 96 GHz	-30.39 dBm	-17.39 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.680 00 GHz	-33.21 dBm	-20.21 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.685 96 GHz	6.92 dBm	-23.08 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.700 00 GHz	-33.34 dBm	-20.34 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-31.57 dBm	-18.57 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-42.33 dBm	-17.33 dB
3.720 GHz	4.000 GHz	1.000 MHz	3.998 84 GHz	-46.35 dBm	-6.35 dB