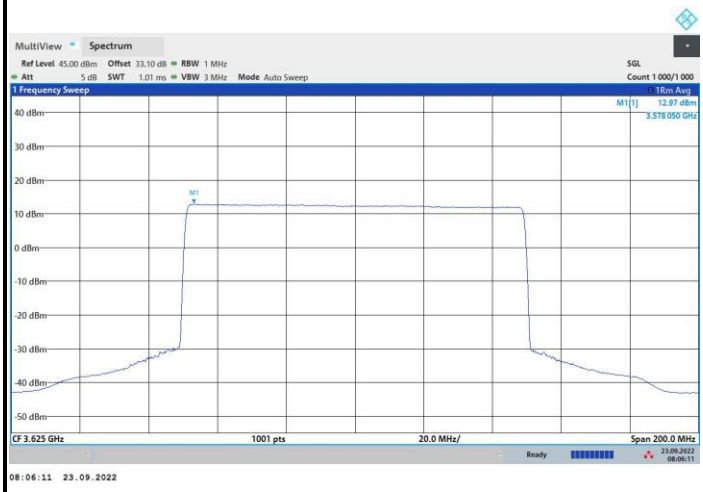
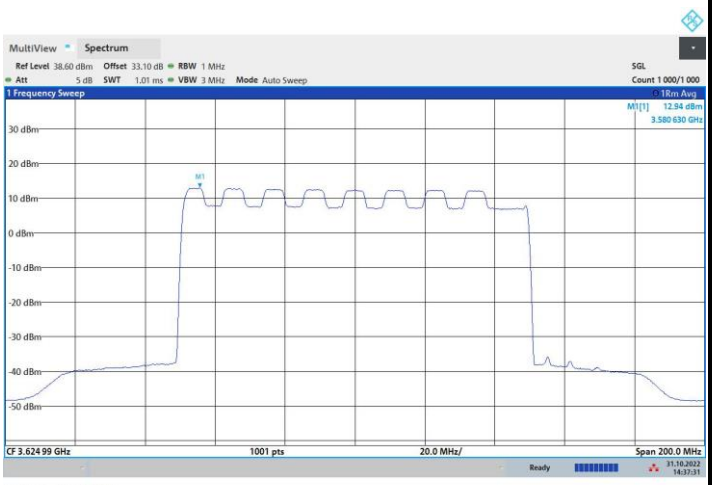
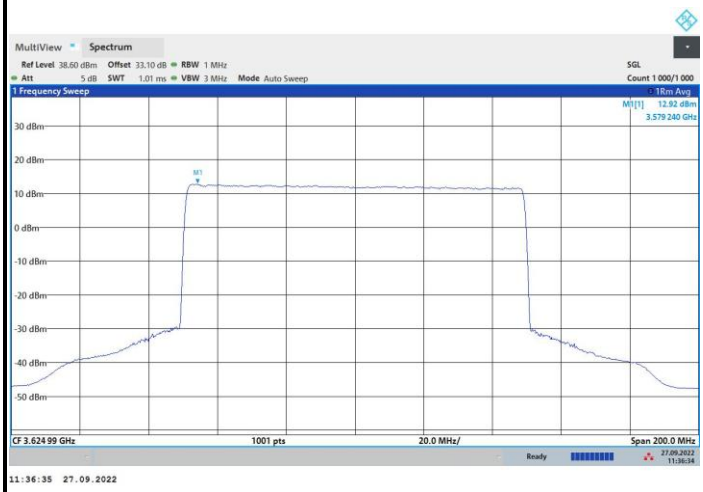
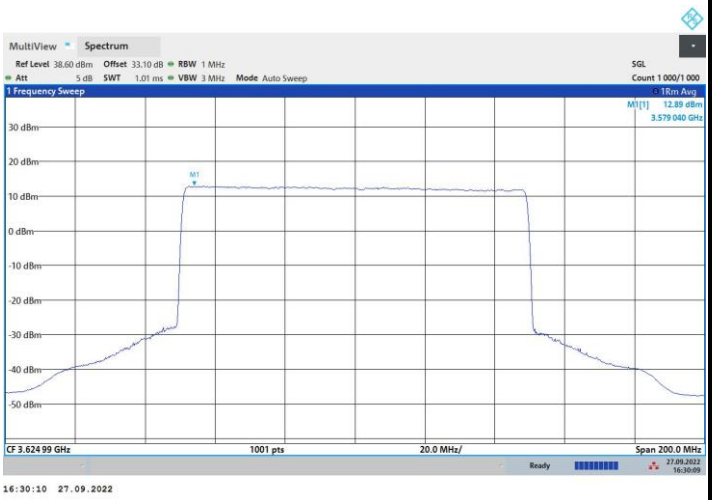
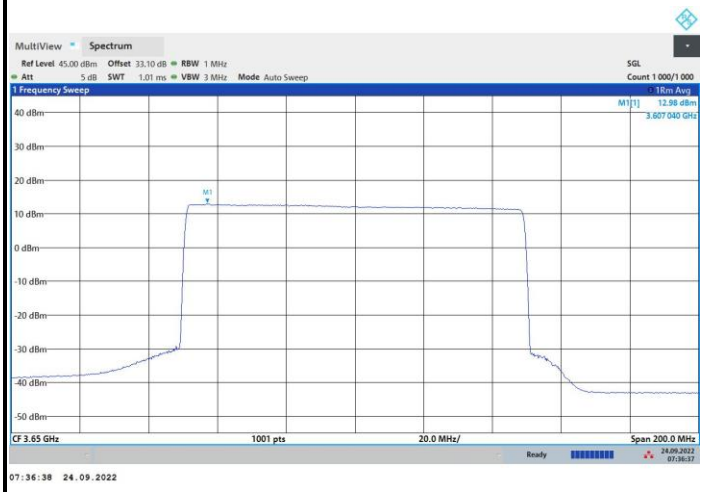
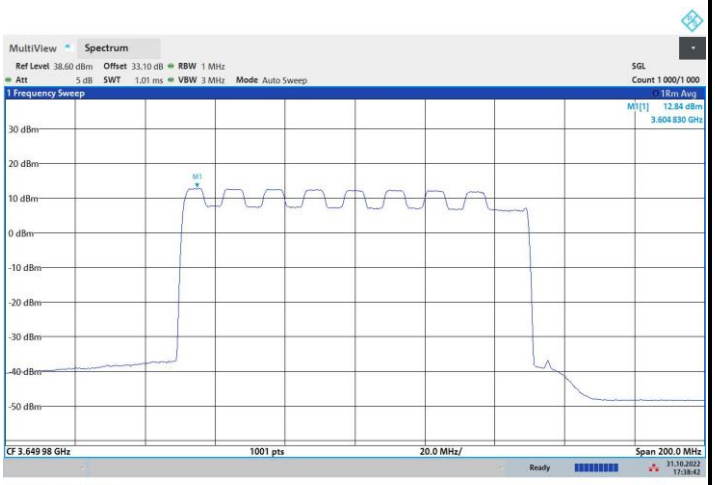
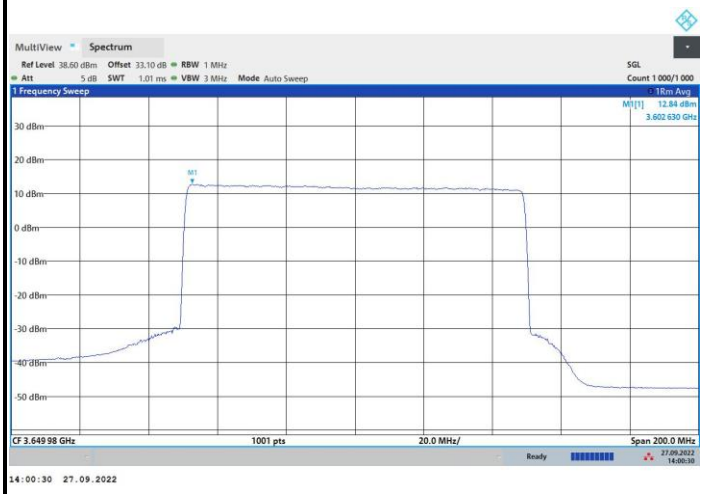
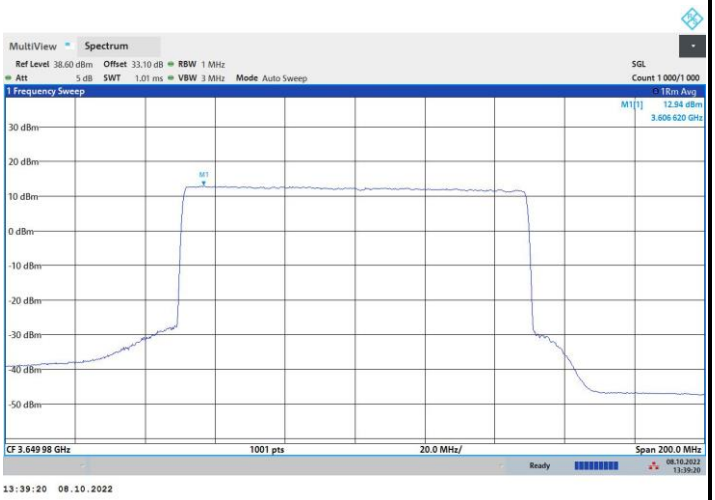
FR1 n48 / 100MHz / Middle Channel / PSD	
QPSK	16QAM
	
64QAM	256QAM
	

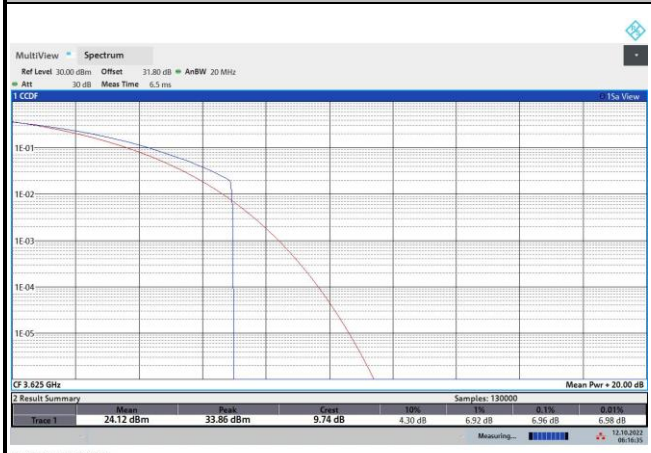
FR1 n48 / 100MHz / Highest Channel / PSD	
QPSK	16QAM
	
64QAM	256QAM
	

Peak-to-Average Ratio

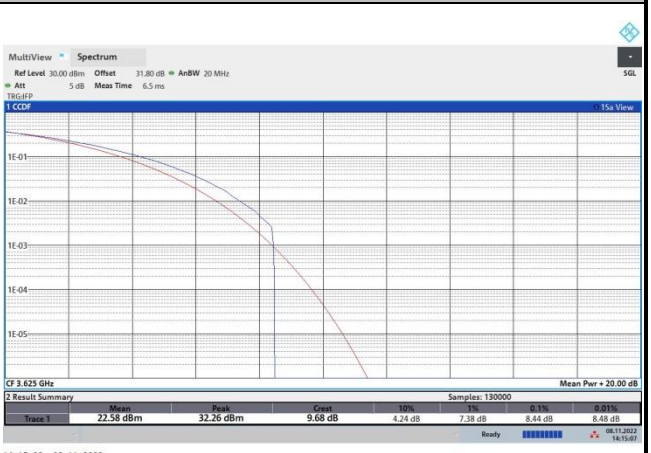
Mode	FR1 n48 / 20MHz / PAR (dB)				Limit: 13dB
Mod.	QPSK	16QAM	64QAM	256QAM	Result
Middle CH	6.96	8.44	7.90	7.98	PASS

FR1 n48 / 20MHz / Middle Channel / PAR

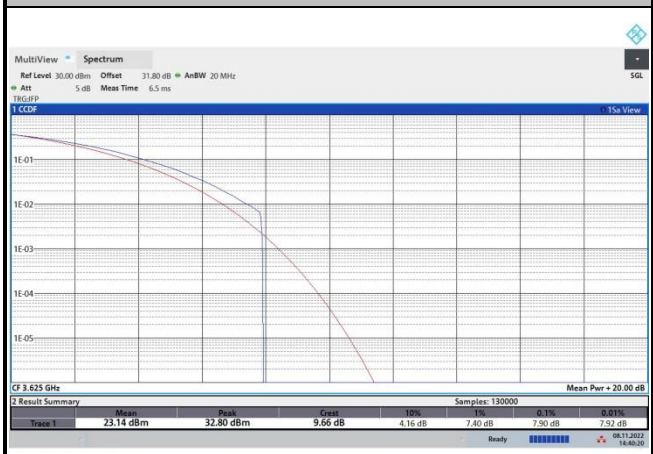
QPSK



16QAM



64QAM



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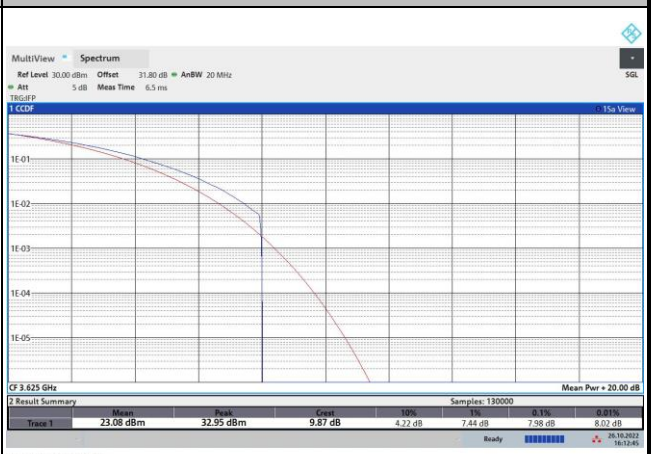
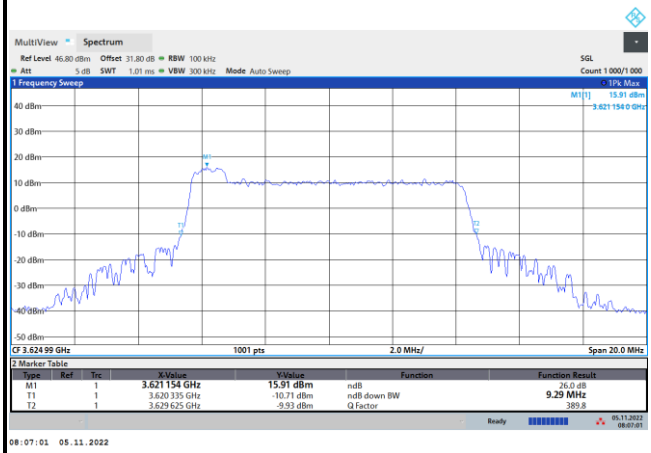


26dB Bandwidth

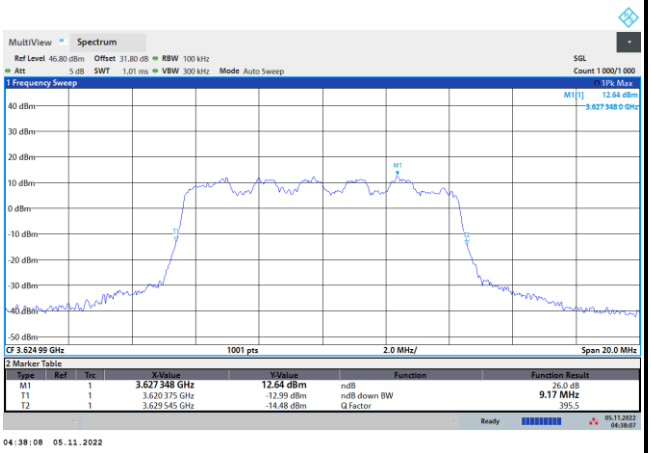
Mode	FR1 n48 : 26dB BW(MHz)							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	9.29	9.17	19.30	19.38	40.44	40.36	50.05	50.15
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	9.13	9.29	19.22	19.34	40.28	40.52	50.25	50.15
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	60.54	60.54	80.40	80.40	90.45	90.45	100.50	100.50
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	60.54	60.66	80.24	80.40	90.45	90.63	100.50	100.70

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

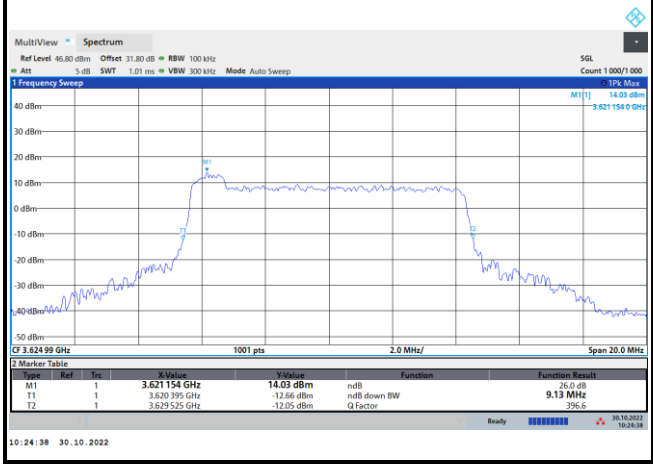
QPSK



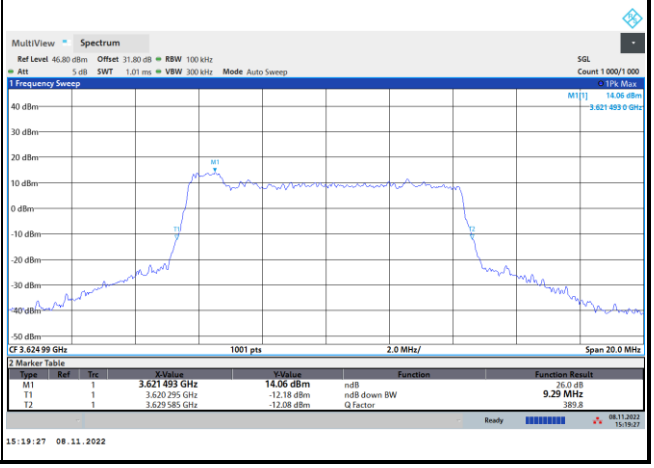
16QAM



64QAM

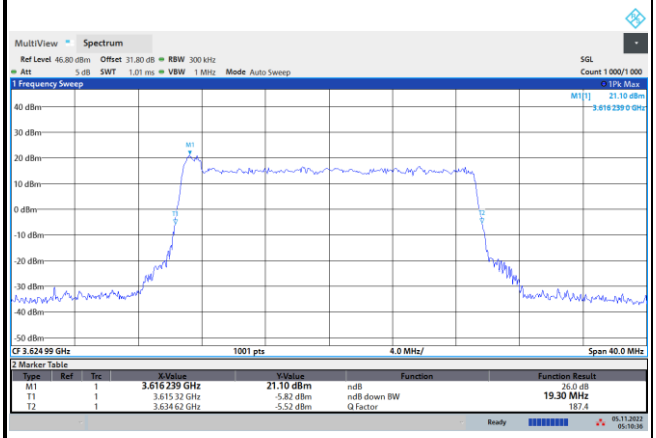


256QAM



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

QPSK



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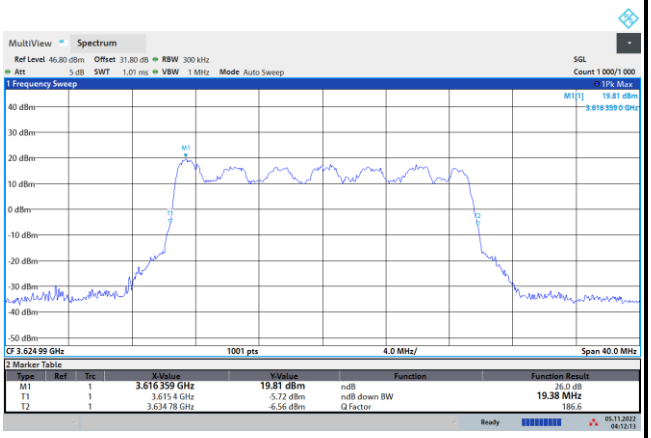

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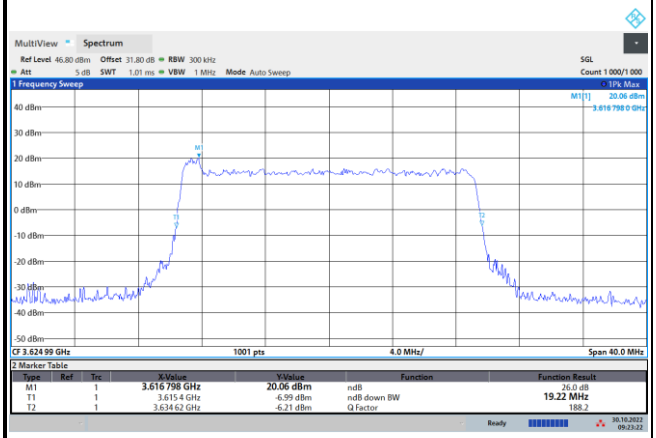

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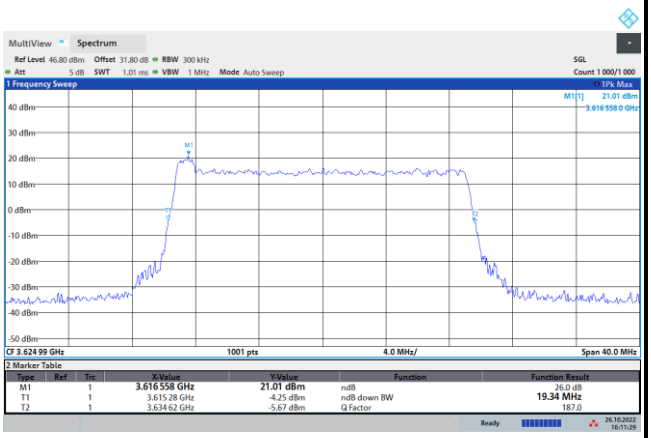
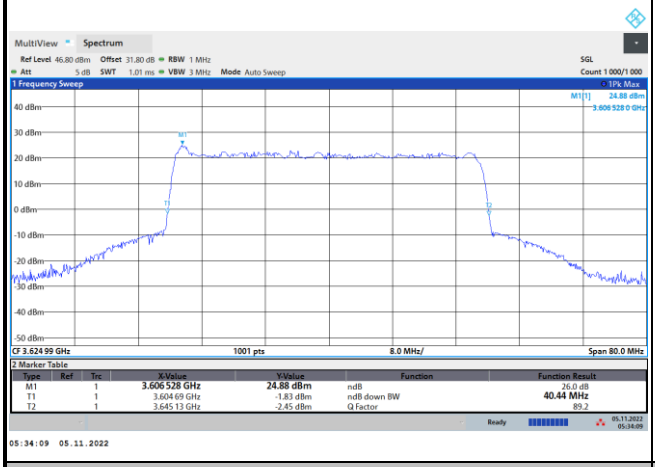
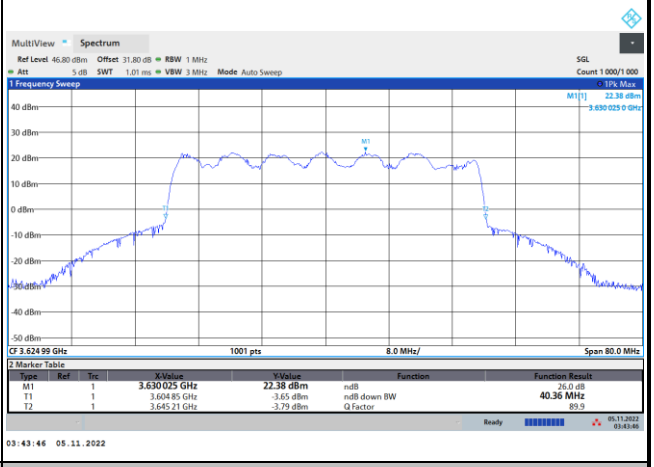


FR1 n48 / 40MHz / Middle Channel / 26dB BW

QPSK



16QAM



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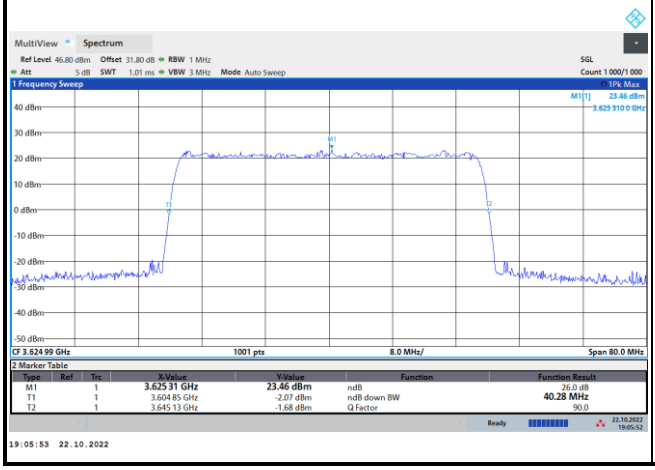

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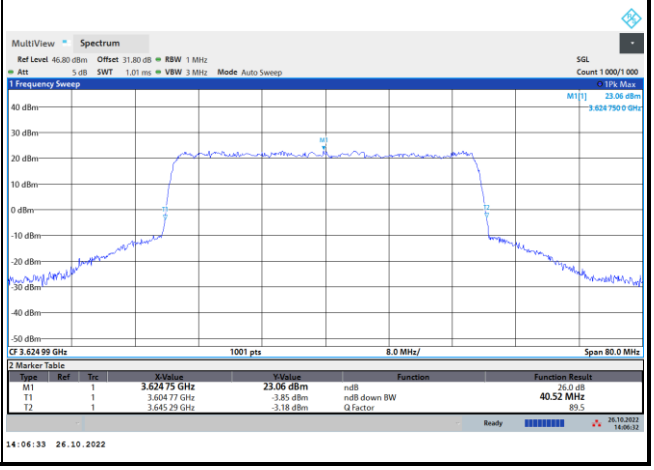
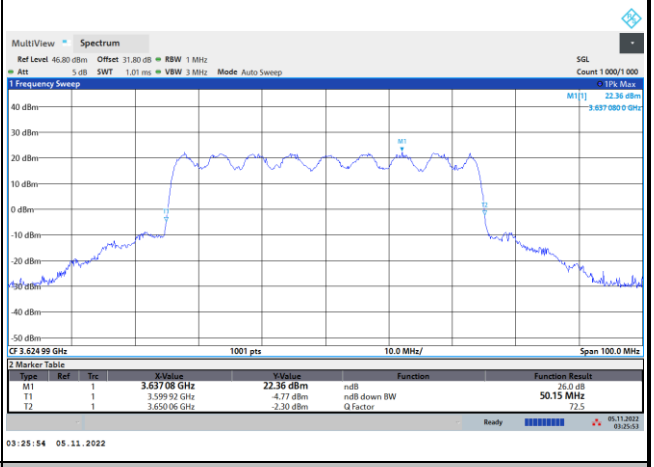


FR1 n48 / 50MHz / Middle Channel / 26dB BW

QPSK

16QAM



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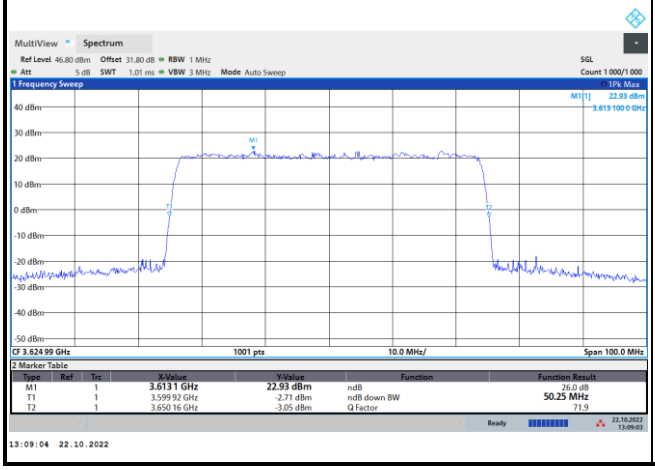

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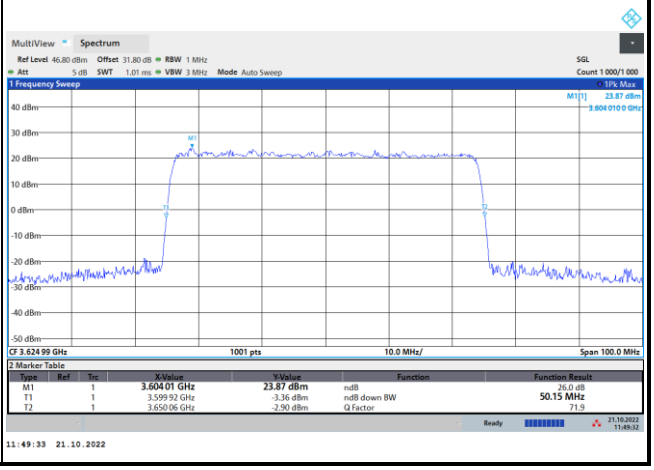
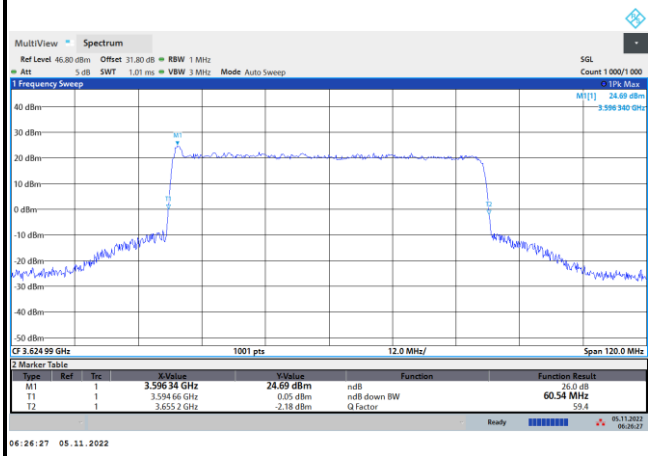


FR1 n48 / 60MHz / Middle Channel / 26dB BW

QPSK



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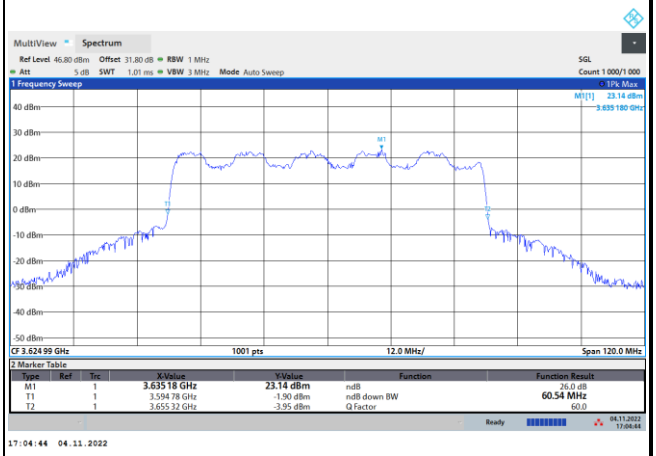

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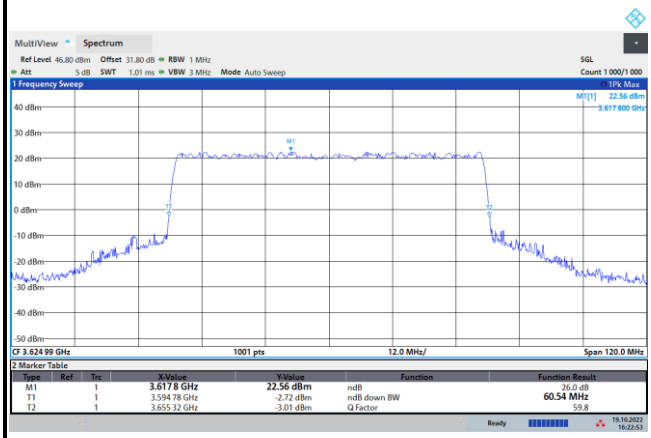

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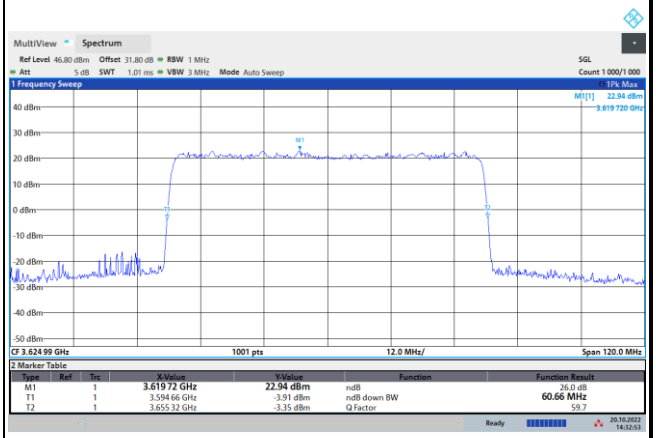
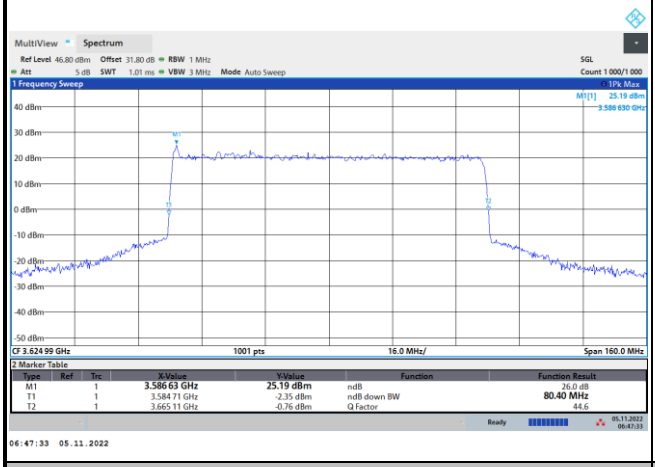


FR1 n48 / 80MHz / Middle Channel / 26dB BW

QPSK



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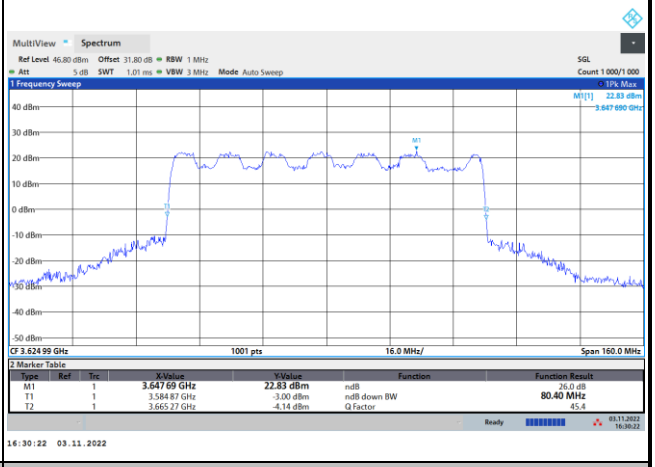

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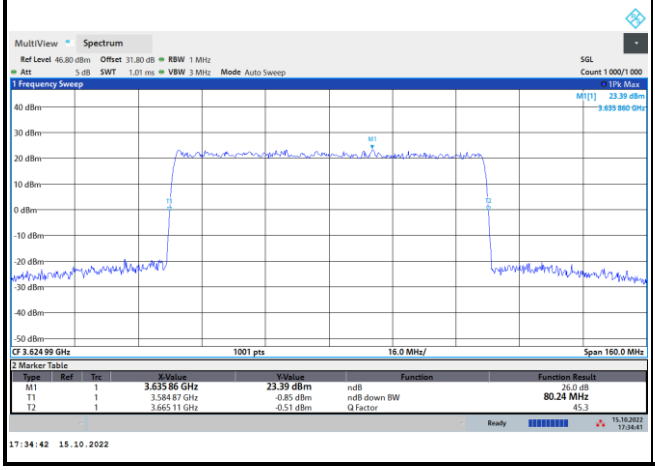

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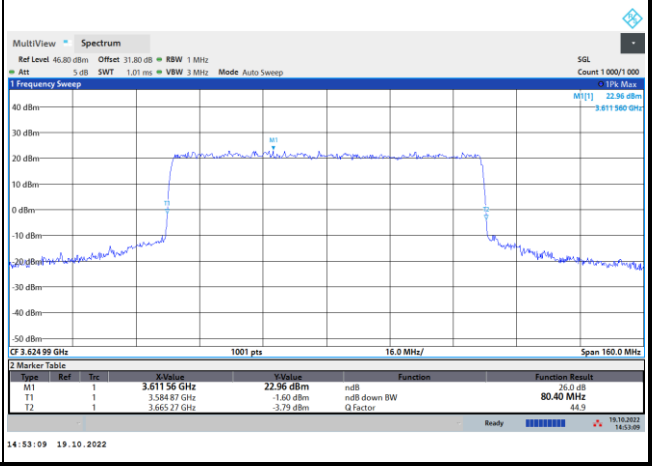
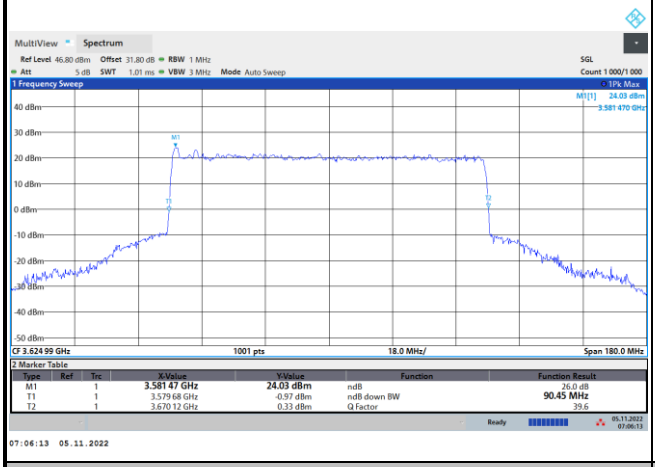


FR1 n48 / 90MHz / Middle Channel / 26dB BW

QPSK



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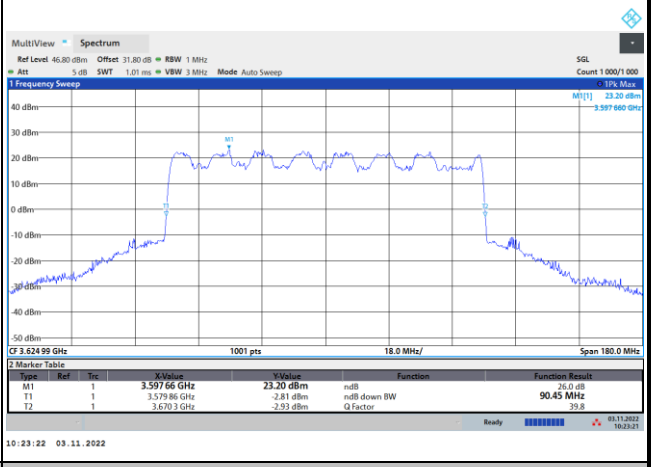

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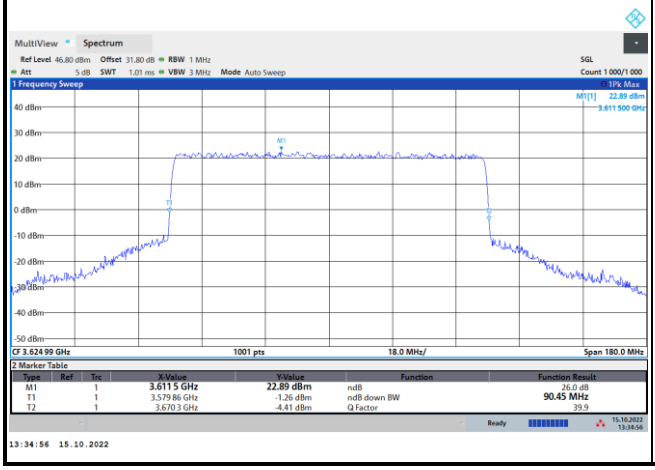

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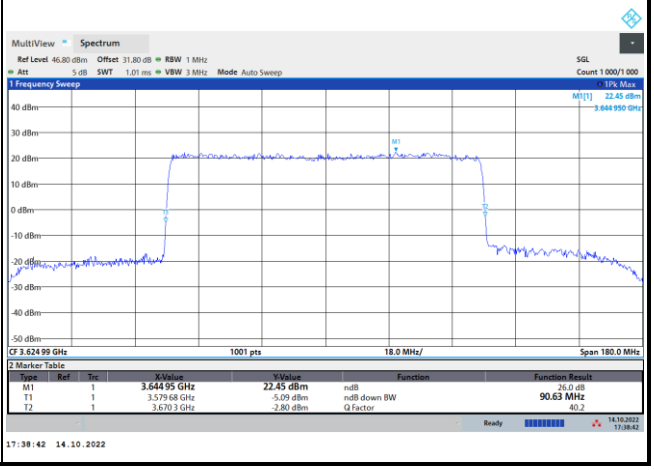
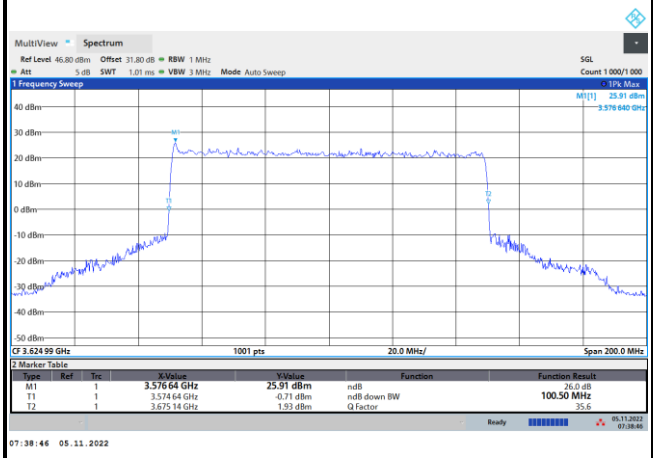


FR1 n48 / 100MHz / Middle Channel / 26dB BW

QPSK



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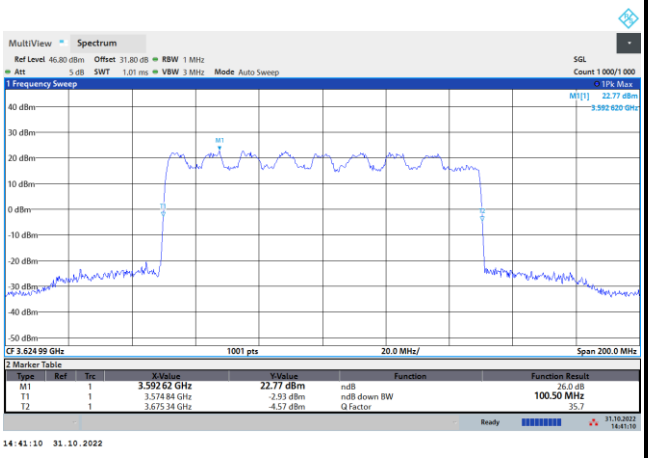

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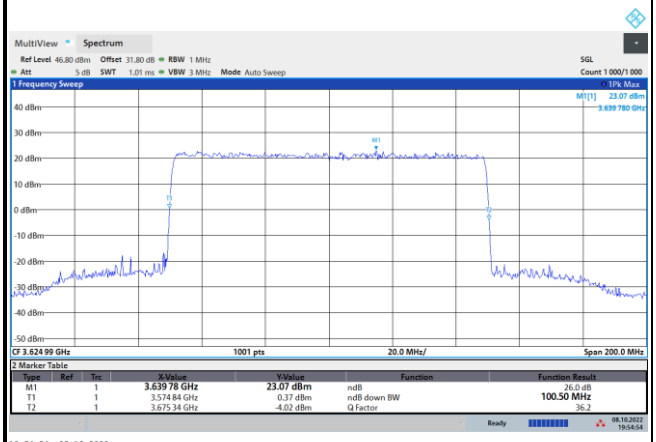

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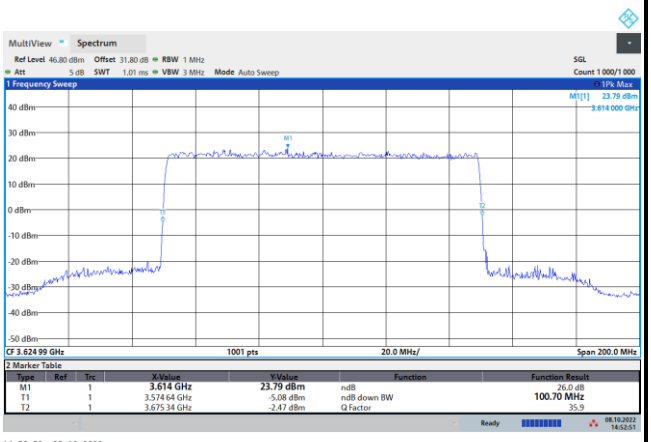
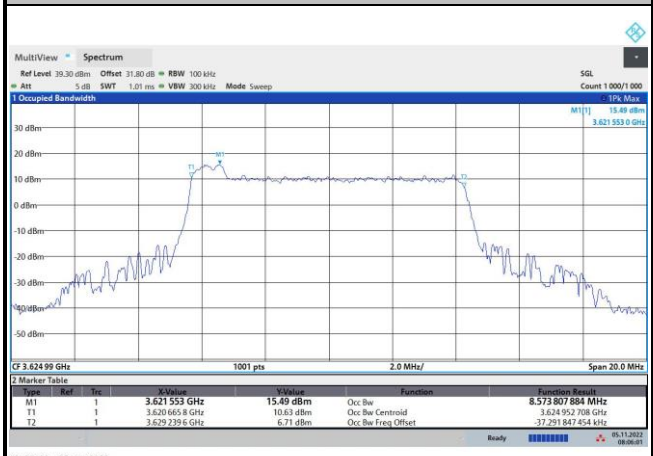


Occupied Bandwidth

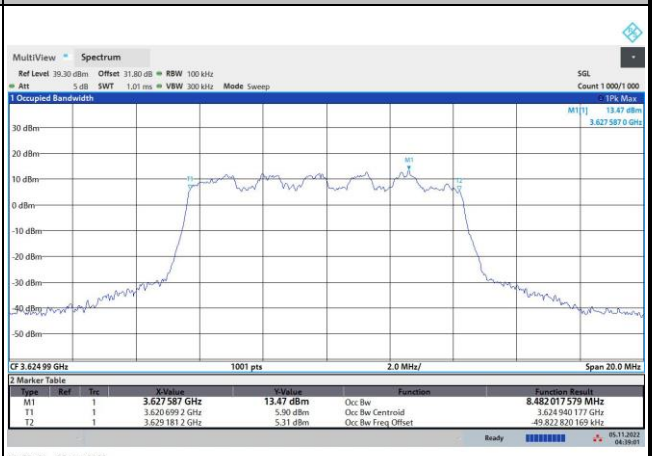
Mode	FR1 n48 : 99%OBW (MHz)							
BW	10MHz		20MHz		40MHz		50MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.57	8.48	18.28	18.33	38.30	38.11	47.97	47.53
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.54	8.56	18.27	18.28	37.86	37.90	47.22	47.47
BW	60MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	58.11	57.75	77.75	77.51	87.83	87.61	97.65	96.97
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	57.82	57.81	77.28	77.48	87.20	87.25	97.21	97.23

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

QPSK



16QAM



64QAM

256QAM

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

QPSK

16QAM

64QAM

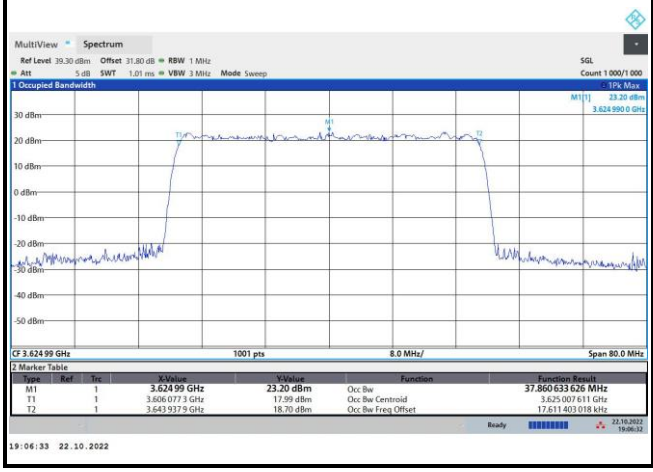
256QAM

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

QPSK

16QAM

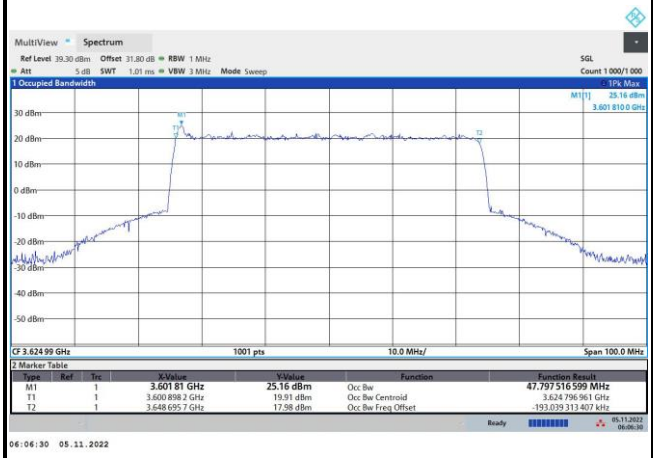
64QAM



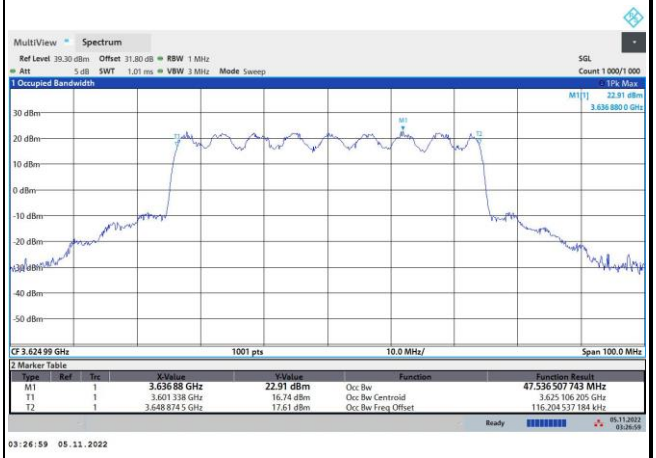
256QAM

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

QPSK

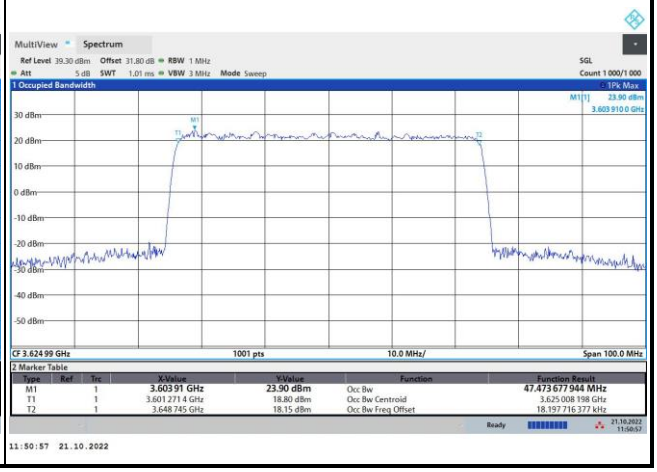


16QAM



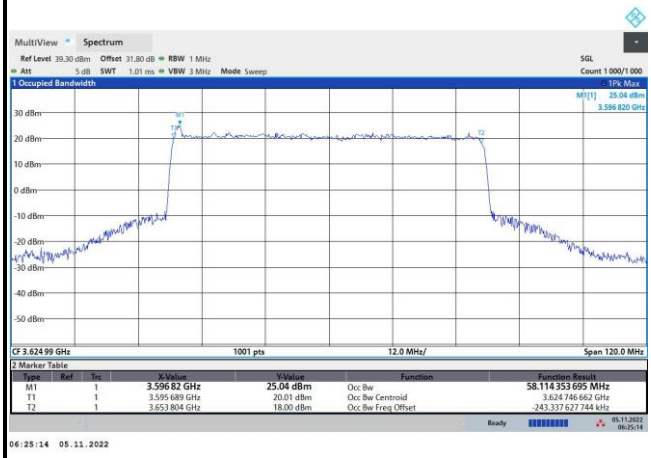
64QAM

256QAM



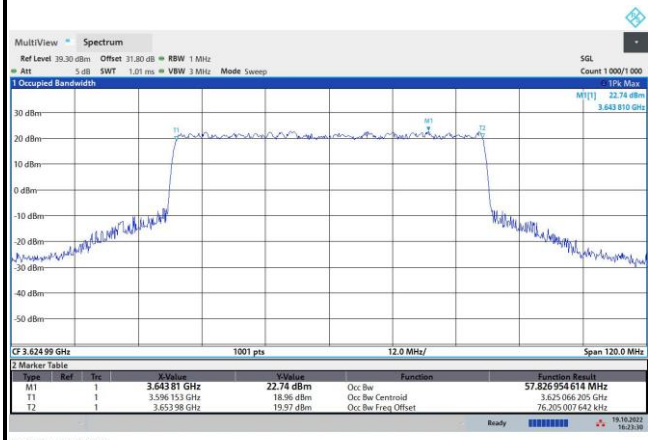
FR1 n48 / 60MHz / Middle Channel / 99%OBW

QPSK

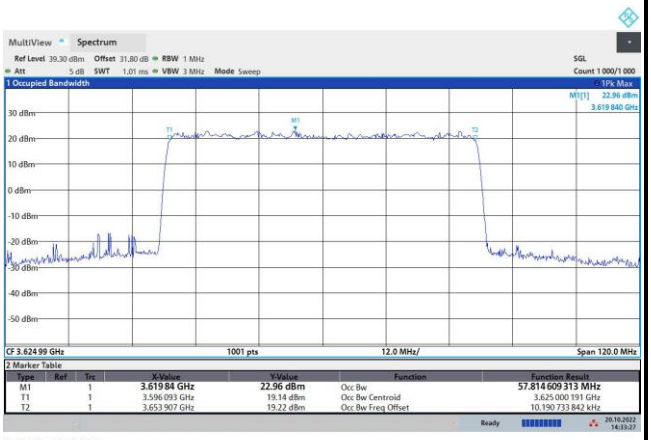


16QAM

64QAM

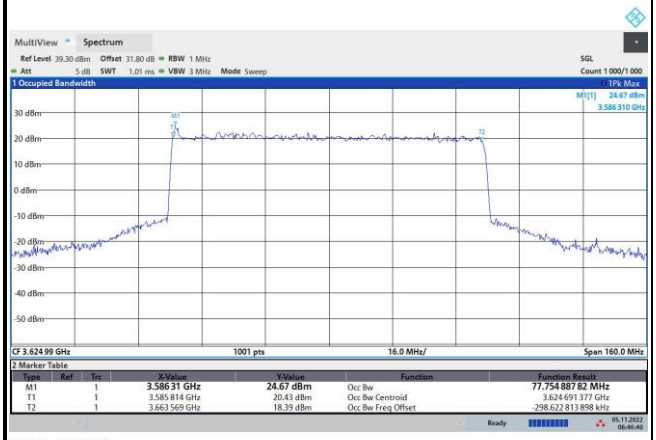


256QAM

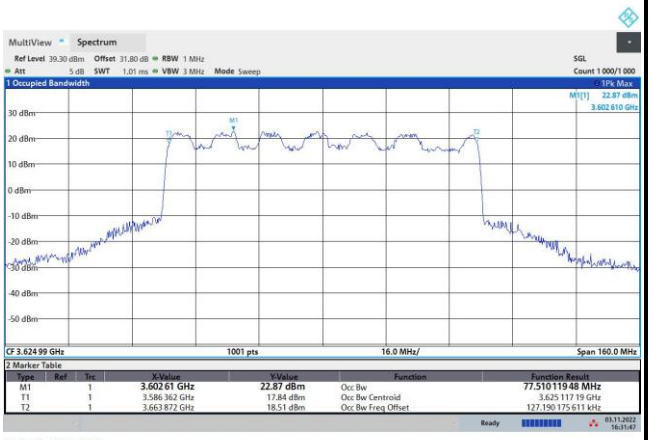


FR1 n48 / 80MHz / Middle Channel / 99%OBW

QPSK

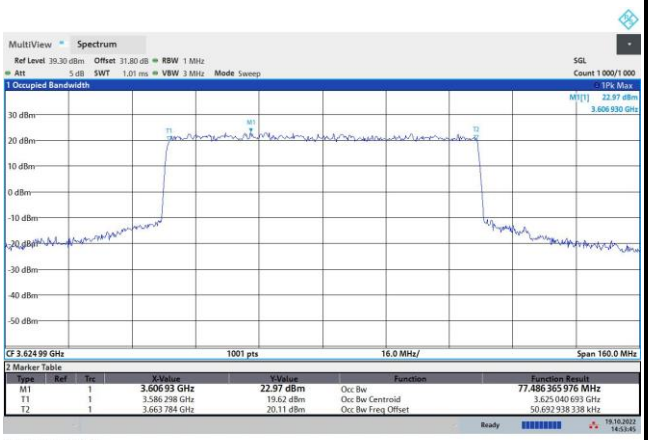


16QAM



64QAM

256QAM



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

QPSK

16QAM

64QAM

256QAM

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

QPSK

16QAM

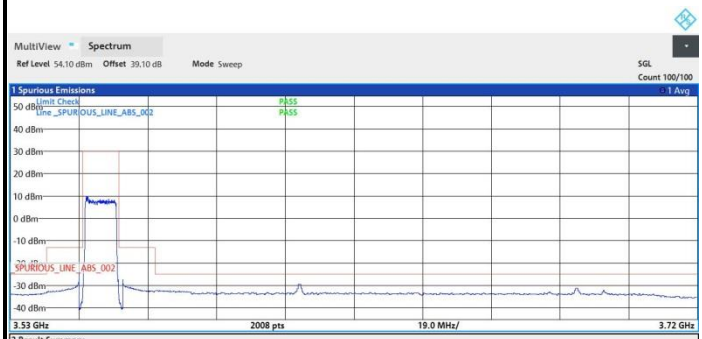
64QAM

256QAM

Unwanted Emission (MASK)

FR1 n48 / 10MHz / Lowest Channel / MASK

QPSK



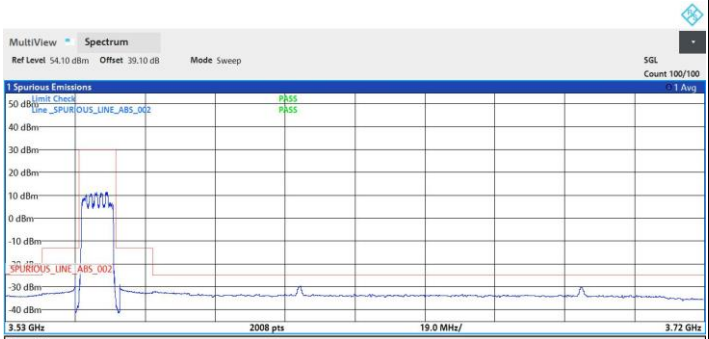
2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-33.32 dBm	-8.32 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-25.26 dBm	-12.26 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.549 99 GHz	-33.74 dBm	-20.74 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.551 19 GHz	9.83 dBm	-20.17 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.560 00 GHz	-35.61 dBm	-22.61 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.561 04 GHz	-27.36 dBm	-14.36 dB
3.570 GHz	3.580 GHz	1.000 MHz	3.570 45 GHz	-32.20 dBm	-7.20 dB
3.580 GHz	3.720 GHz	1.000 MHz	3.610 20 GHz	-29.56 dBm	-4.56 dB

Ready 08.11.2022 11:08:25

11:08:25 08.11.2022

16QAM



2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-33.37 dBm	-8.37 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-27.22 dBm	-14.22 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.550 00 GHz	-35.67 dBm	-22.67 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.554 79 GHz	11.48 dBm	-18.52 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.560 00 GHz	-37.30 dBm	-24.30 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.561 04 GHz	-29.07 dBm	-16.07 dB
3.570 GHz	3.580 GHz	1.000 MHz	3.570 74 GHz	-32.07 dBm	-7.07 dB
3.580 GHz	3.720 GHz	1.000 MHz	3.610 20 GHz	-29.84 dBm	-4.84 dB

Ready 28.10.2022 05:31:45

05:31:46 28.10.2022

64QAM

2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.540 GHz	1.000 MHz	3.539 75 GHz	-33.25 dBm	-8.25 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-25.89 dBm	-12.89 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.550 00 GHz	-35.07 dBm	-22.07 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.551 16 GHz	11.06 dBm	-18.94 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.560 00 GHz	-36.25 dBm	-23.25 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.561 04 GHz	-27.50 dBm	-14.50 dB
3.570 GHz	3.580 GHz	1.000 MHz	3.570 45 GHz	-32.33 dBm	-7.33 dB
3.580 GHz	3.720 GHz	1.000 MHz	3.610 20 GHz	-30.02 dBm	-5.02 dB

Ready 30.10.2022 10:59:24

10:59:24 30.10.2022

256QAM

2 Result Summary

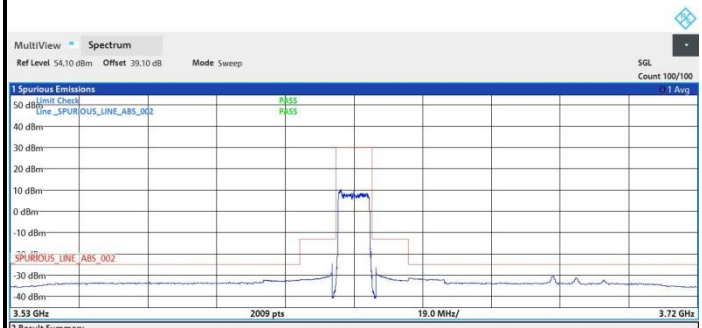
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.540 GHz	1.000 MHz	3.539 75 GHz	-33.16 dBm	-8.16 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-25.49 dBm	-12.49 dB
3.549 GHz	3.550 GHz	100.000 kHz	3.549 99 GHz	-33.90 dBm	-20.90 dB
3.550 GHz	3.560 GHz	100.000 kHz	3.551 65 GHz	10.14 dBm	-19.86 dB
3.560 GHz	3.561 GHz	100.000 kHz	3.560 01 GHz	-34.79 dBm	-21.79 dB
3.561 GHz	3.570 GHz	1.000 MHz	3.561 04 GHz	-27.15 dBm	-14.15 dB
3.570 GHz	3.580 GHz	1.000 MHz	3.570 05 GHz	-32.13 dBm	-7.13 dB
3.580 GHz	3.720 GHz	1.000 MHz	3.610 20 GHz	-30.08 dBm	-5.08 dB

Ready 30.10.2022 12:59:21

12:59:21 30.10.2022

FR1 n48 / 10MHz / Middle Channel / MASK

QPSK



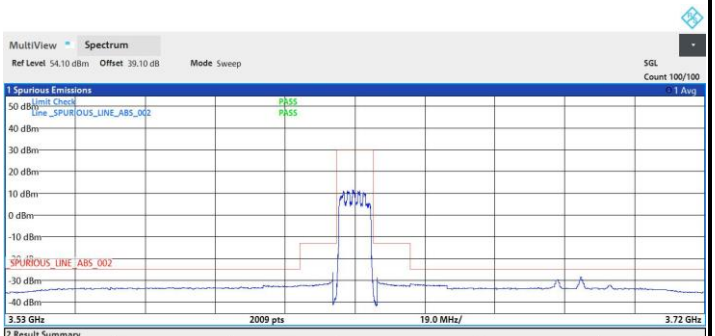
2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.600 GHz	1.000 MHz	3.599 83 GHz	-33.35 dBm	-8.35 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.609 36 GHz	-32.25 dBm	-7.25 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.618 96 GHz	-24.69 dBm	-11.69 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.620 00 GHz	-33.77 dBm	-20.77 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.621 32 GHz	10.31 dBm	-19.69 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.630 01 GHz	-34.47 dBm	-21.47 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.631 04 GHz	-26.40 dBm	-13.40 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.640 15 GHz	-31.31 dBm	-6.31 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.680 12 GHz	-30.49 dBm	-5.49 dB

Ready 08.11.2022 11:14:39

11:14:40 08.11.2022

16QAM



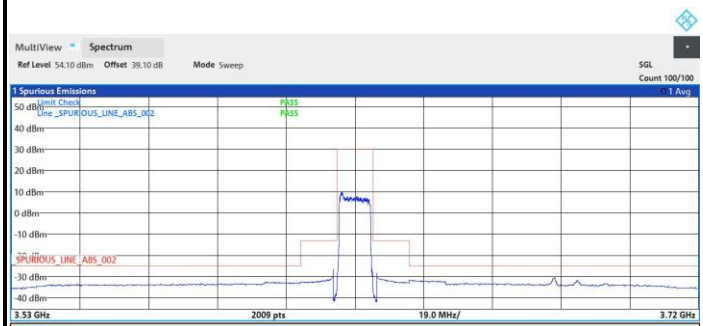
2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.600 GHz	1.000 MHz	3.593 91 GHz	-33.21 dBm	-8.21 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.600 15 GHz	-32.28 dBm	-7.28 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.618 96 GHz	-26.35 dBm	-13.35 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.620 00 GHz	-35.19 dBm	-22.19 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.624 38 GHz	11.67 dBm	-18.33 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.630 00 GHz	-36.87 dBm	-23.87 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.631 04 GHz	-28.76 dBm	-15.76 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.640 15 GHz	-31.66 dBm	-6.66 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.686 39 GHz	-28.62 dBm	-3.62 dB

Ready 28.10.2022 04:28:59

04:29:00 28.10.2022

64QAM



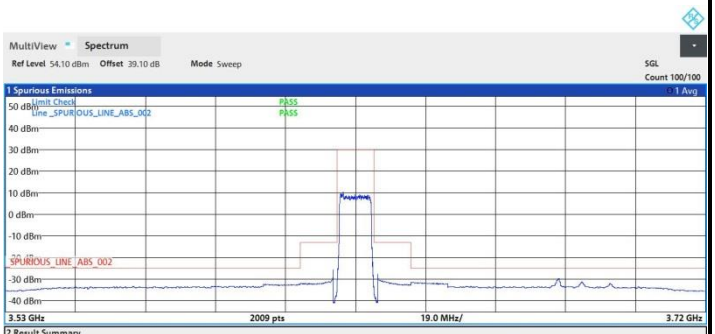
2 Result Summary

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.600 GHz	1.000 MHz	3.599 83 GHz	-33.23 dBm	-8.23 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.602 52 GHz	-32.49 dBm	-7.49 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.618 96 GHz	-26.47 dBm	-13.47 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.620 00 GHz	-34.97 dBm	-21.97 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.621 32 GHz	10.11 dBm	-19.89 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.630 00 GHz	-36.79 dBm	-23.79 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.631 04 GHz	-28.17 dBm	-15.17 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.640 25 GHz	-31.63 dBm	-6.63 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.680 12 GHz	-30.60 dBm	-5.60 dB

Ready 30.10.2022 10:26:19

10:26:19 30.10.2022

256QAM



2 Result Summary

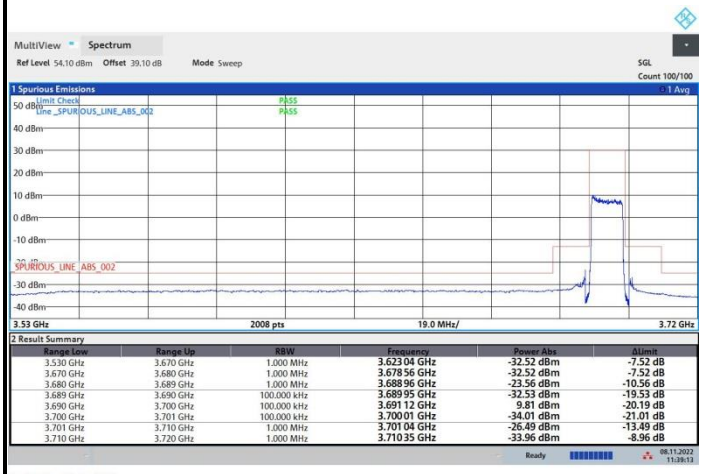
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.600 GHz	1.000 MHz	3.591 47 GHz	-33.26 dBm	-8.26 dB
3.600 GHz	3.610 GHz	1.000 MHz	3.600 64 GHz	-32.31 dBm	-7.31 dB
3.610 GHz	3.619 GHz	1.000 MHz	3.618 96 GHz	-25.62 dBm	-12.62 dB
3.619 GHz	3.620 GHz	100.000 kHz	3.620 00 GHz	-34.10 dBm	-21.10 dB
3.620 GHz	3.630 GHz	100.000 kHz	3.621 64 GHz	10.49 dBm	-19.51 dB
3.630 GHz	3.631 GHz	100.000 kHz	3.630 00 GHz	-35.35 dBm	-22.35 dB
3.631 GHz	3.640 GHz	1.000 MHz	3.631 04 GHz	-27.76 dBm	-14.76 dB
3.640 GHz	3.650 GHz	1.000 MHz	3.640 45 GHz	-31.48 dBm	-6.48 dB
3.650 GHz	3.720 GHz	1.000 MHz	3.680 12 GHz	-29.81 dBm	-4.81 dB

Ready 08.11.2022 15:21:08

15:21:09 08.11.2022

FR1 n48 / 10MHz / Highest Channel / MASK

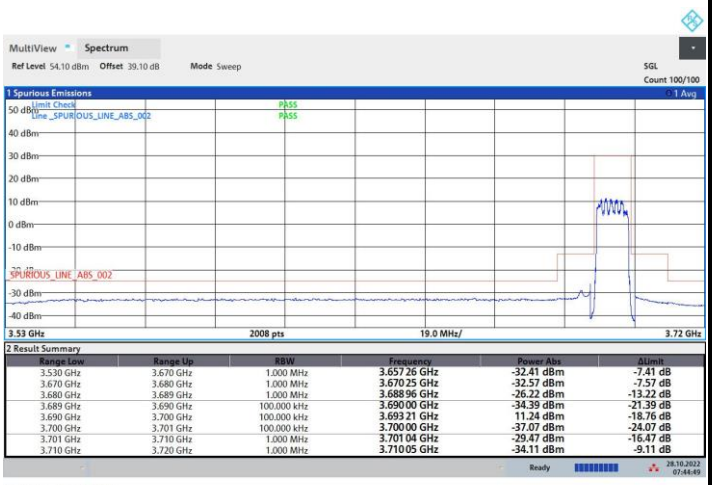
QPSK



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.670 GHz	1.000 MHz	3.623 04 GHz	-32.52 dBm	-7.52 dB
3.670 GHz	3.680 GHz	1.000 MHz	3.678 56 GHz	-32.52 dBm	-7.52 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.688 96 GHz	-23.56 dBm	-10.56 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.689 95 GHz	-32.53 dBm	-19.53 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.691 12 GHz	9.81 dBm	-20.19 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.700 01 GHz	-34.01 dBm	-21.01 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-26.49 dBm	-13.49 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 35 GHz	-33.96 dBm	-8.96 dB

11:39:14 08.11.2022

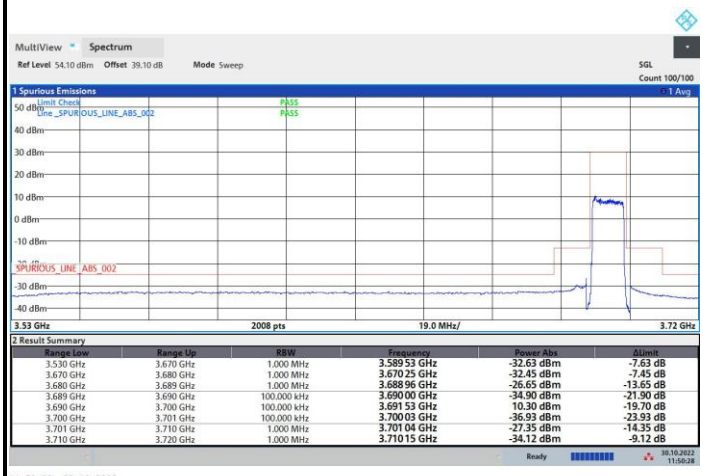
16QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.670 GHz	1.000 MHz	3.657 26 GHz	-32.41 dBm	-7.41 dB
3.670 GHz	3.680 GHz	1.000 MHz	3.670 25 GHz	-32.57 dBm	-7.57 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.688 96 GHz	-26.22 dBm	-13.22 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.690 00 GHz	-34.39 dBm	-21.39 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.693 21 GHz	11.24 dBm	-18.76 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.700 00 GHz	-37.07 dBm	-24.07 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-29.47 dBm	-16.47 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-34.11 dBm	-9.11 dB

07:44:49 28.10.2022

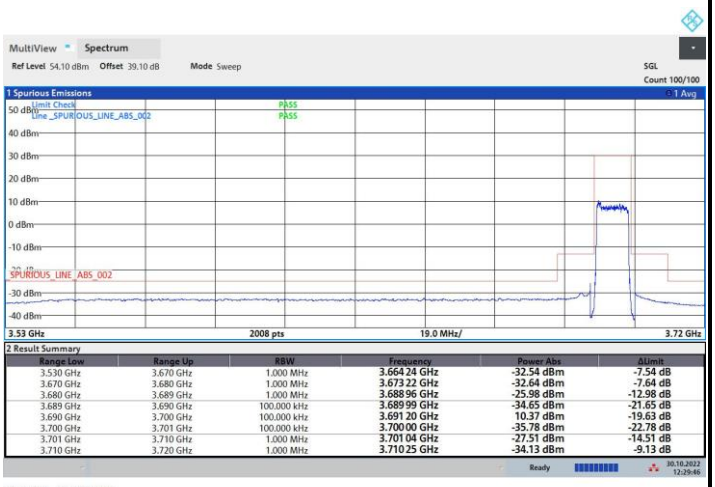
64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.670 GHz	1.000 MHz	3.589 53 GHz	-32.63 dBm	-7.63 dB
3.670 GHz	3.680 GHz	1.000 MHz	3.670 25 GHz	-32.45 dBm	-7.45 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.688 96 GHz	-26.65 dBm	-13.65 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.690 00 GHz	-34.90 dBm	-21.90 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.691 53 GHz	10.30 dBm	-19.70 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.700 03 GHz	-36.93 dBm	-23.93 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-27.35 dBm	-14.35 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 15 GHz	-34.12 dBm	-9.12 dB

11:50:29 30.10.2022

256QAM

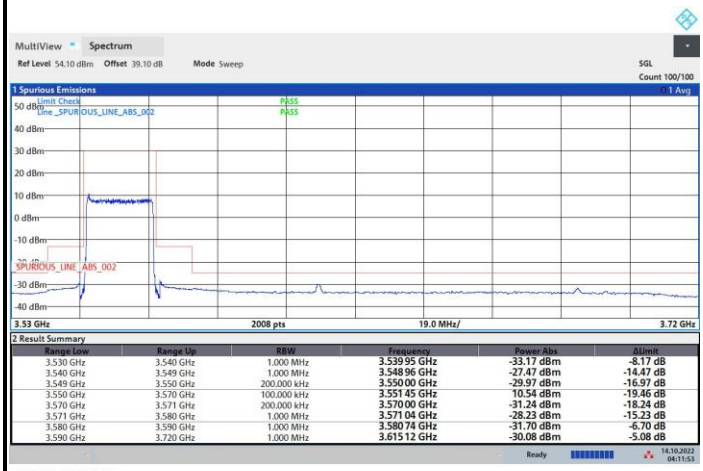


Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.670 GHz	1.000 MHz	3.664 24 GHz	-32.54 dBm	-7.54 dB
3.670 GHz	3.680 GHz	1.000 MHz	3.673 22 GHz	-32.64 dBm	-7.64 dB
3.680 GHz	3.689 GHz	1.000 MHz	3.688 96 GHz	-25.98 dBm	-12.98 dB
3.689 GHz	3.690 GHz	100.000 kHz	3.689 99 GHz	-34.65 dBm	-21.65 dB
3.690 GHz	3.700 GHz	100.000 kHz	3.691 20 GHz	10.37 dBm	-19.63 dB
3.700 GHz	3.701 GHz	100.000 kHz	3.700 00 GHz	-35.78 dBm	-22.78 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-27.51 dBm	-14.51 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 25 GHz	-34.13 dBm	-9.13 dB

12:29:46 30.10.2022

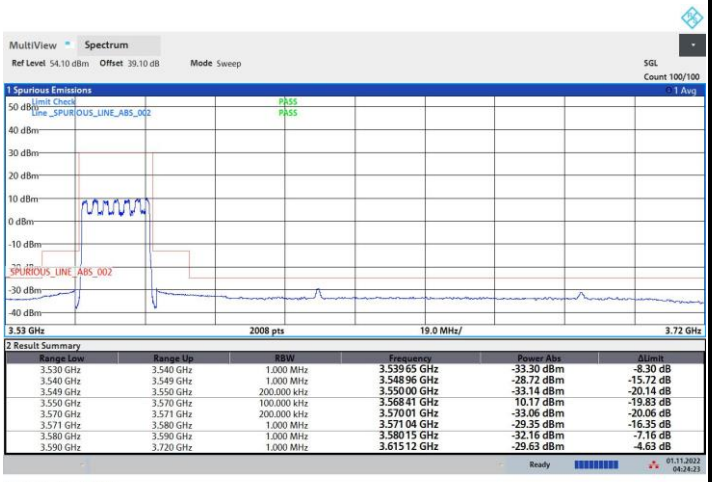
FR1 n48 / 20MHz / Lowest Channel / MASK

QPSK



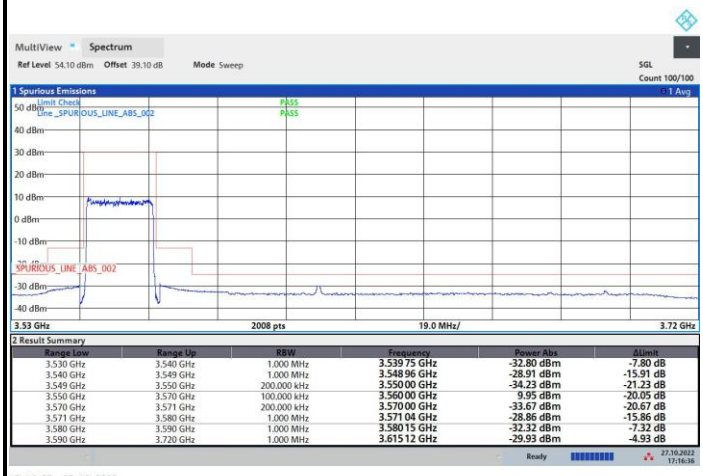
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.540 GHz	1.000 MHz	3.539 95 GHz	-33.17 dBm	-8.17 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-27.47 dBm	-14.47 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.550 00 GHz	-29.97 dBm	-16.97 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.551 45 GHz	10.54 dBm	-19.46 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.570 00 GHz	-31.24 dBm	-18.24 dB
3.571 GHz	3.580 GHz	1.000 MHz	3.571 04 GHz	-28.23 dBm	-15.23 dB
3.580 GHz	3.590 GHz	1.000 MHz	3.580 74 GHz	-31.70 dBm	-6.70 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.615 12 GHz	-30.08 dBm	-5.08 dB

16QAM



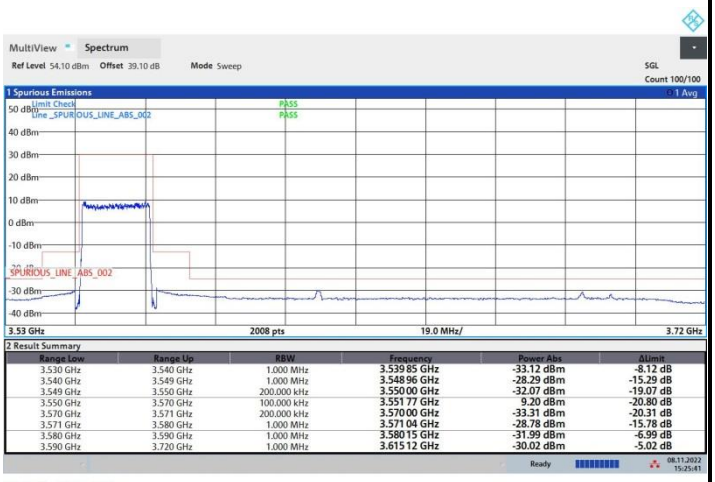
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.540 GHz	1.000 MHz	3.539 65 GHz	-33.30 dBm	-8.30 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-28.72 dBm	-15.72 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.550 00 GHz	-33.14 dBm	-20.14 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.568 41 GHz	10.17 dBm	-19.83 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.570 01 GHz	-33.06 dBm	-20.06 dB
3.571 GHz	3.580 GHz	1.000 MHz	3.571 04 GHz	-29.35 dBm	-16.35 dB
3.580 GHz	3.590 GHz	1.000 MHz	3.580 15 GHz	-32.16 dBm	-7.16 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.615 12 GHz	-29.63 dBm	-4.63 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.540 GHz	1.000 MHz	3.539 75 GHz	-32.80 dBm	-7.80 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-28.91 dBm	-15.91 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.550 00 GHz	-34.23 dBm	-21.23 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.560 00 GHz	9.95 dBm	-20.05 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.570 00 GHz	-33.67 dBm	-20.67 dB
3.571 GHz	3.580 GHz	1.000 MHz	3.571 04 GHz	-28.86 dBm	-15.86 dB
3.580 GHz	3.590 GHz	1.000 MHz	3.580 15 GHz	-32.32 dBm	-7.32 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.615 12 GHz	-29.93 dBm	-4.93 dB

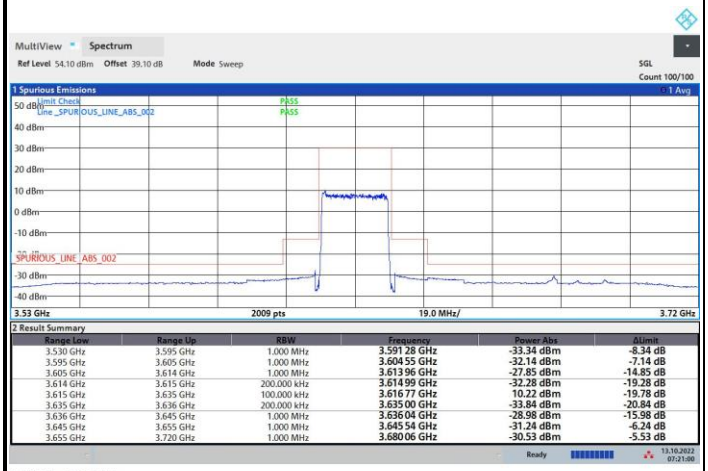
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.540 GHz	1.000 MHz	3.539 85 GHz	-33.12 dBm	-8.12 dB
3.540 GHz	3.549 GHz	1.000 MHz	3.548 96 GHz	-28.29 dBm	-15.29 dB
3.549 GHz	3.550 GHz	200.000 kHz	3.550 00 GHz	-32.07 dBm	-19.07 dB
3.550 GHz	3.570 GHz	100.000 kHz	3.551 77 GHz	9.20 dBm	-20.80 dB
3.570 GHz	3.571 GHz	200.000 kHz	3.570 00 GHz	-33.31 dBm	-20.31 dB
3.571 GHz	3.580 GHz	1.000 MHz	3.571 04 GHz	-28.78 dBm	-15.78 dB
3.580 GHz	3.590 GHz	1.000 MHz	3.580 15 GHz	-31.99 dBm	-6.99 dB
3.590 GHz	3.720 GHz	1.000 MHz	3.615 12 GHz	-30.02 dBm	-5.02 dB

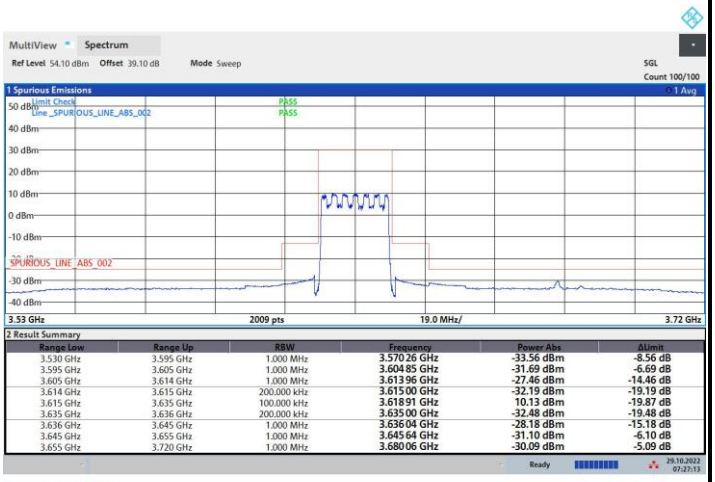
FR1 n48 / 20MHz / Middle Channel / MASK

QPSK



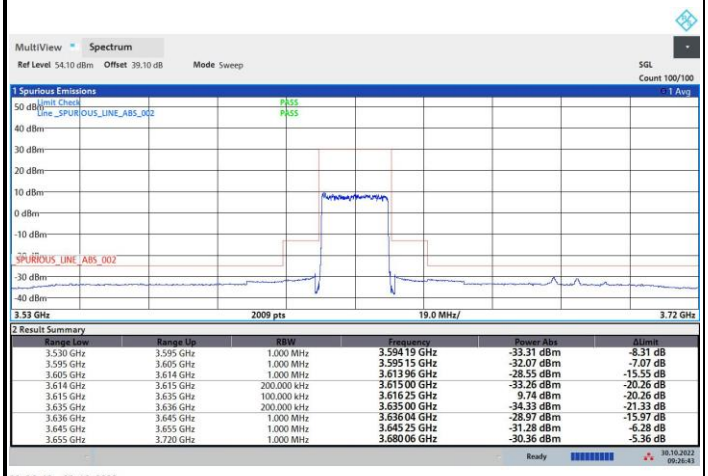
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.595 GHz	1.000 MHz	3.591 28 GHz	-33.34 dBm	-8.34 dB
3.595 GHz	3.605 GHz	1.000 MHz	3.604 55 GHz	-32.14 dBm	-7.14 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.613 96 GHz	-27.85 dBm	-14.85 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.614 99 GHz	-32.28 dBm	-19.28 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.616 77 GHz	10.22 dBm	-19.78 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.635 00 GHz	-33.84 dBm	-20.84 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.636 04 GHz	-28.98 dBm	-15.98 dB
3.645 GHz	3.655 GHz	1.000 MHz	3.645 54 GHz	-31.24 dBm	-6.24 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.680 06 GHz	-30.53 dBm	-5.53 dB

16QAM



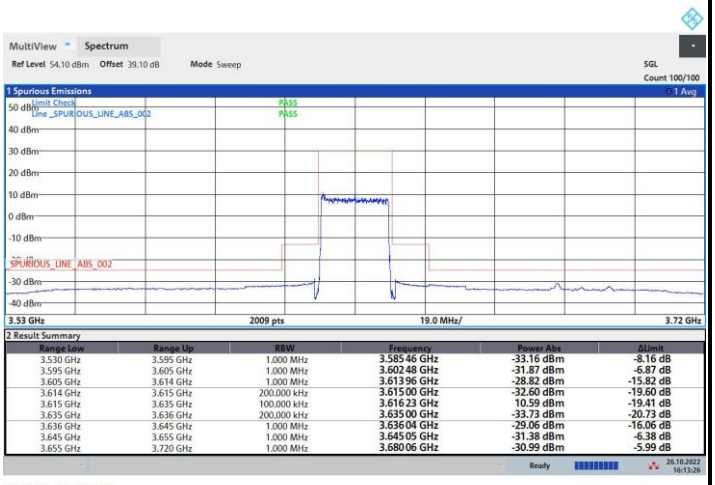
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.595 GHz	1.000 MHz	3.570 26 GHz	-33.56 dBm	-8.56 dB
3.595 GHz	3.605 GHz	1.000 MHz	3.604 85 GHz	-31.69 dBm	-6.69 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.613 96 GHz	-27.46 dBm	-14.46 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.615 00 GHz	-32.19 dBm	-19.19 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.618 91 GHz	10.13 dBm	-19.87 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.635 00 GHz	-32.48 dBm	-19.48 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.636 04 GHz	-28.18 dBm	-15.18 dB
3.645 GHz	3.655 GHz	1.000 MHz	3.645 64 GHz	-31.10 dBm	-6.10 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.680 06 GHz	-30.09 dBm	-5.09 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.595 GHz	1.000 MHz	3.594 19 GHz	-33.31 dBm	-8.31 dB
3.595 GHz	3.605 GHz	1.000 MHz	3.595 15 GHz	-32.07 dBm	-7.07 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.613 96 GHz	-28.55 dBm	-15.55 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.615 00 GHz	-33.26 dBm	-20.26 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.616 25 GHz	9.74 dBm	-20.26 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.635 00 GHz	-34.33 dBm	-21.33 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.636 04 GHz	-28.97 dBm	-15.97 dB
3.645 GHz	3.655 GHz	1.000 MHz	3.645 25 GHz	-31.28 dBm	-6.28 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.680 06 GHz	-30.36 dBm	-5.36 dB

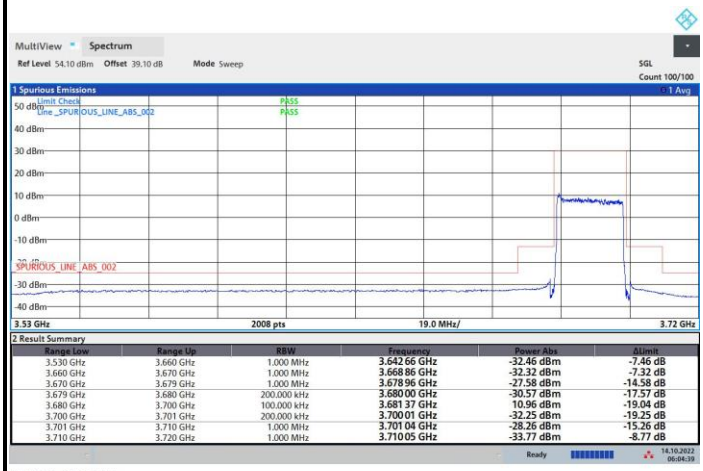
256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.595 GHz	1.000 MHz	3.585 46 GHz	-33.16 dBm	-8.16 dB
3.595 GHz	3.605 GHz	1.000 MHz	3.602 48 GHz	-31.87 dBm	-6.87 dB
3.605 GHz	3.614 GHz	1.000 MHz	3.613 96 GHz	-28.82 dBm	-15.82 dB
3.614 GHz	3.615 GHz	200.000 kHz	3.615 00 GHz	-32.60 dBm	-19.60 dB
3.615 GHz	3.635 GHz	100.000 kHz	3.616 23 GHz	10.59 dBm	-19.41 dB
3.635 GHz	3.636 GHz	200.000 kHz	3.635 00 GHz	-33.73 dBm	-20.73 dB
3.636 GHz	3.645 GHz	1.000 MHz	3.636 04 GHz	-29.06 dBm	-16.06 dB
3.645 GHz	3.655 GHz	1.000 MHz	3.645 05 GHz	-31.38 dBm	-6.38 dB
3.655 GHz	3.720 GHz	1.000 MHz	3.680 06 GHz	-30.99 dBm	-5.99 dB

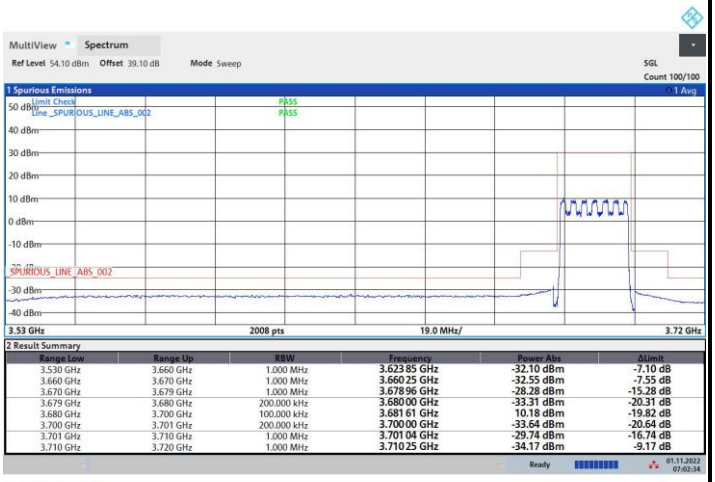
FR1 n48 / 20MHz / Highest Channel / MASK

QPSK



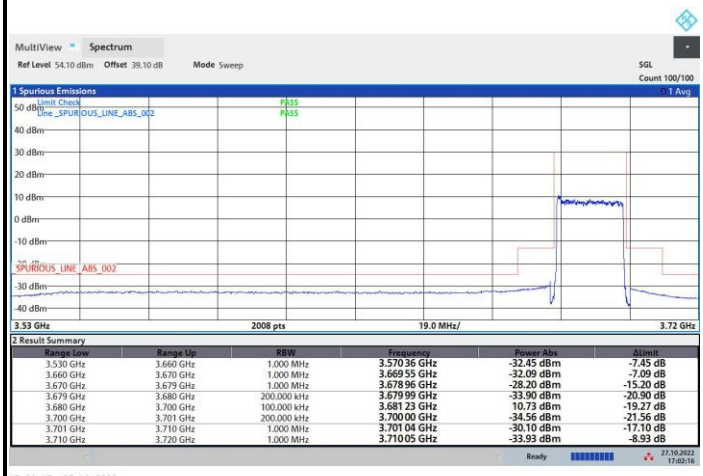
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.660 GHz	1.000 MHz	3.642 66 GHz	-32.46 dBm	-7.46 dB
3.660 GHz	3.670 GHz	1.000 MHz	3.668 86 GHz	-32.32 dBm	-7.32 dB
3.670 GHz	3.679 GHz	1.000 MHz	3.678 96 GHz	-27.58 dBm	-14.58 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.680 00 GHz	-30.57 dBm	-17.57 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.681 37 GHz	10.96 dBm	-19.04 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.700 01 GHz	-32.25 dBm	-19.25 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-28.26 dBm	-15.26 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-33.77 dBm	-8.77 dB

16QAM



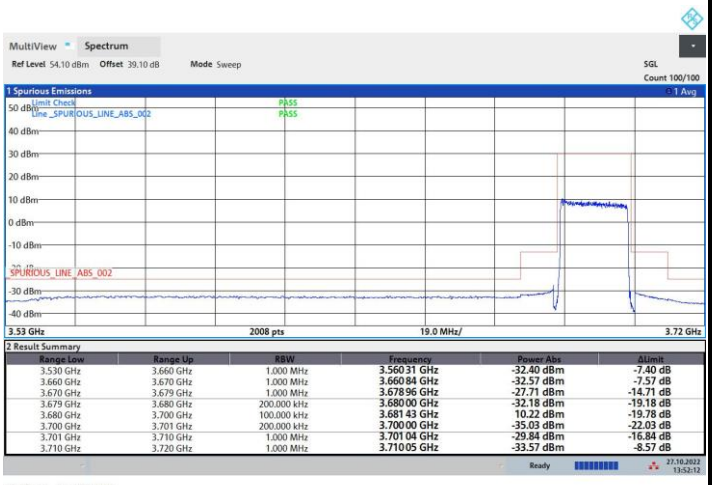
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.660 GHz	1.000 MHz	3.623 85 GHz	-32.10 dBm	-7.10 dB
3.660 GHz	3.670 GHz	1.000 MHz	3.660 25 GHz	-32.55 dBm	-7.55 dB
3.670 GHz	3.679 GHz	1.000 MHz	3.678 96 GHz	-28.28 dBm	-15.28 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.680 00 GHz	-33.31 dBm	-20.31 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.681 61 GHz	10.18 dBm	-19.82 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	-29.74 dBm	-16.74 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 25 GHz	-34.17 dBm	-9.17 dB

64QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.660 GHz	1.000 MHz	3.570 36 GHz	-32.45 dBm	-7.45 dB
3.660 GHz	3.670 GHz	1.000 MHz	3.669 55 GHz	-32.09 dBm	-7.09 dB
3.670 GHz	3.679 GHz	1.000 MHz	3.678 96 GHz	-28.20 dBm	-15.20 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.679 99 GHz	-33.90 dBm	-20.90 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.681 23 GHz	10.73 dBm	-19.27 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.700 00 GHz	-34.56 dBm	-21.56 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-30.10 dBm	-17.10 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-33.93 dBm	-8.93 dB

256QAM



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.530 GHz	3.660 GHz	1.000 MHz	3.560 31 GHz	-32.40 dBm	-7.40 dB
3.660 GHz	3.670 GHz	1.000 MHz	3.660 84 GHz	-32.57 dBm	-7.57 dB
3.670 GHz	3.679 GHz	1.000 MHz	3.678 96 GHz	-27.71 dBm	-14.71 dB
3.679 GHz	3.680 GHz	200.000 kHz	3.680 00 GHz	-32.18 dBm	-19.18 dB
3.680 GHz	3.700 GHz	100.000 kHz	3.681 43 GHz	10.22 dBm	-19.78 dB
3.700 GHz	3.701 GHz	200.000 kHz	3.700 00 GHz	-35.03 dBm	-22.03 dB
3.701 GHz	3.710 GHz	1.000 MHz	3.701 04 GHz	-29.84 dBm	-16.84 dB
3.710 GHz	3.720 GHz	1.000 MHz	3.710 05 GHz	-33.57 dBm	-8.57 dB