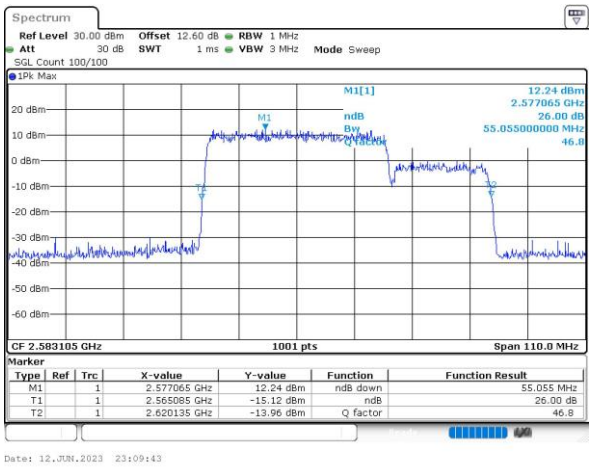
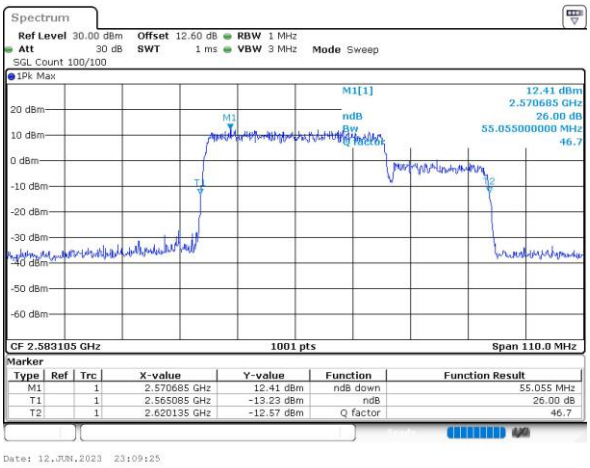
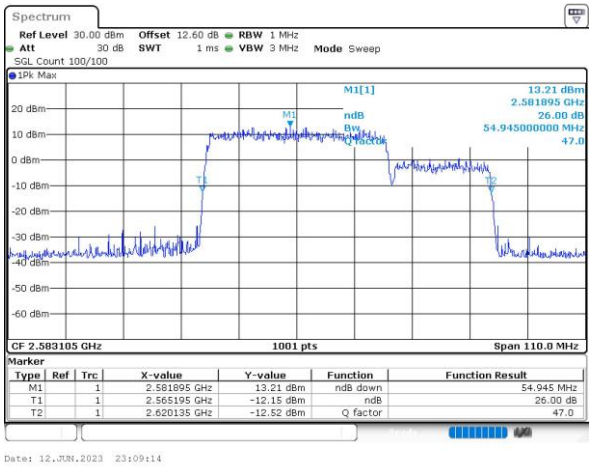
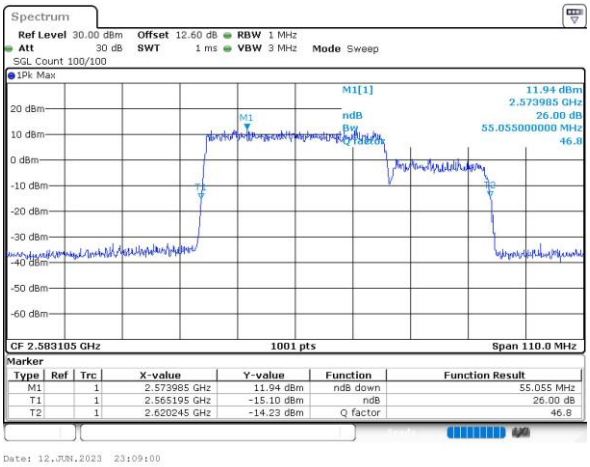
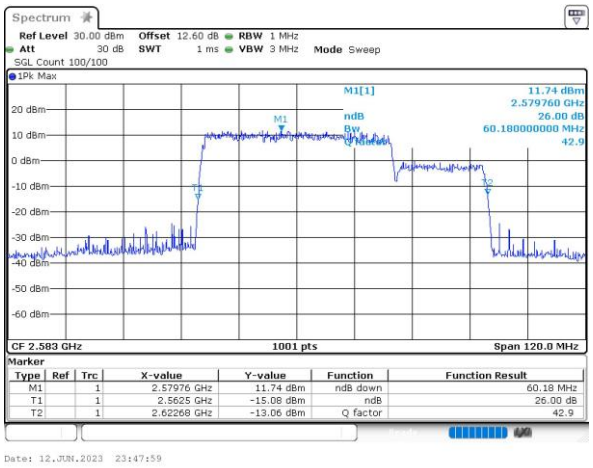
FR1 N41AA / 35MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
 Date: 12.JUN.2023 23:09:43	 Date: 12.JUN.2023 23:09:25
64QAM	**256QAM**
Middle Channel	**Middle Channel**
 Date: 12.JUN.2023 23:09:14	 Date: 12.JUN.2023 23:09:00

FR1 N41AA / 40MHz+20MHz / CP-OFDM

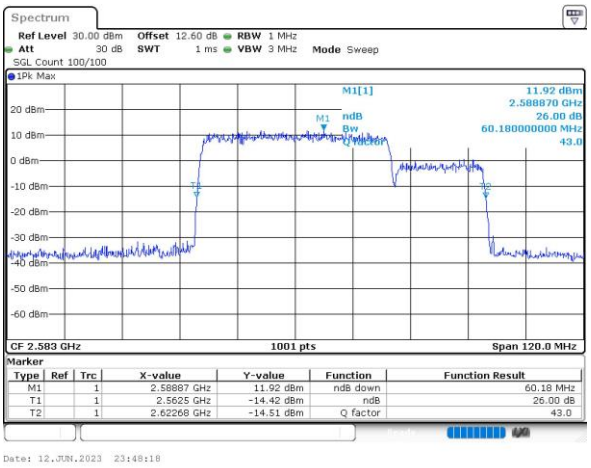
QPSK

Middle Channel



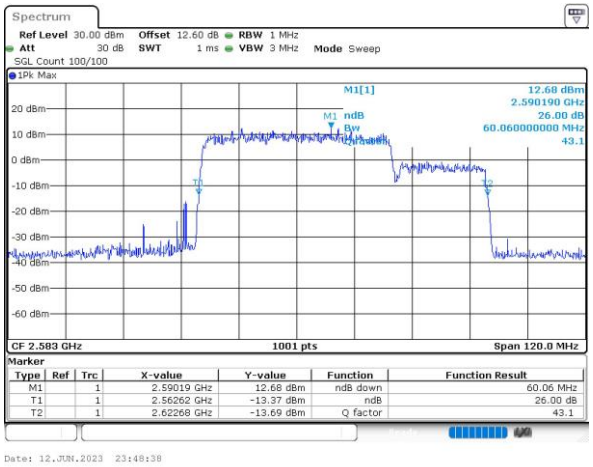
16QAM

Middle Channel



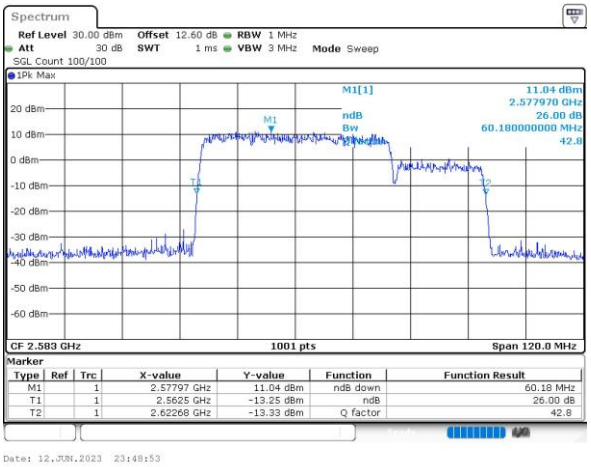
64QAM

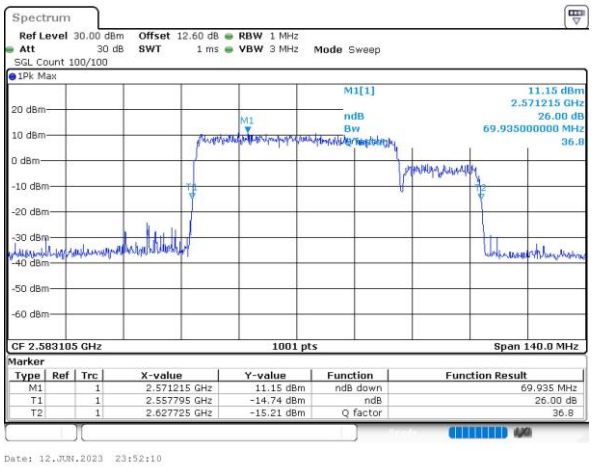
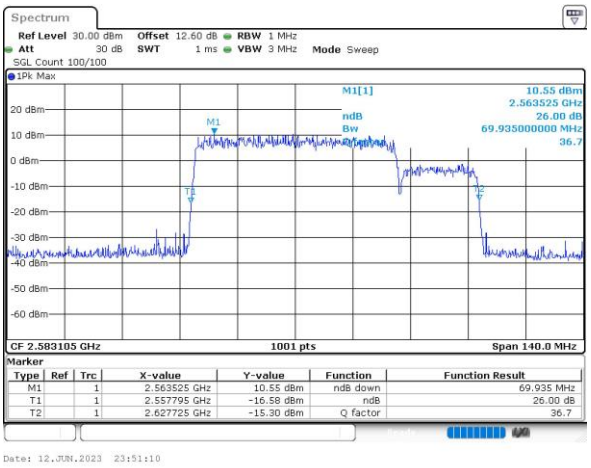
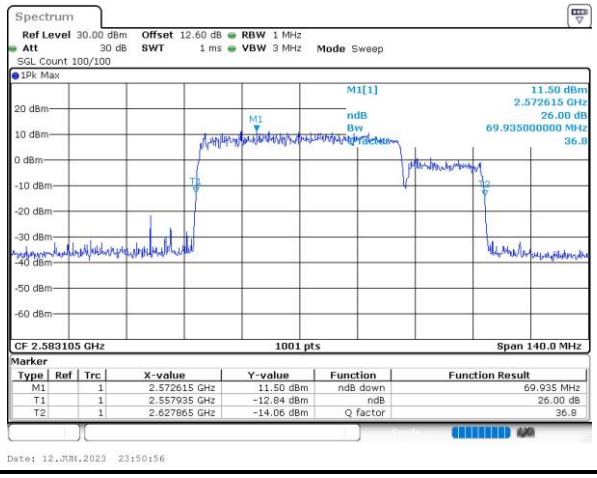
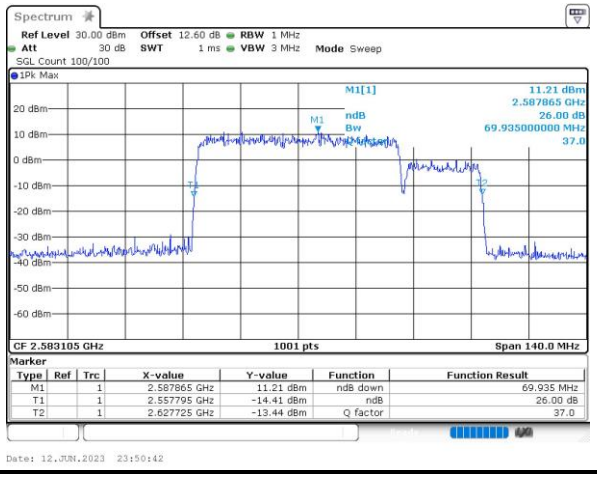
Middle Channel



256QAM

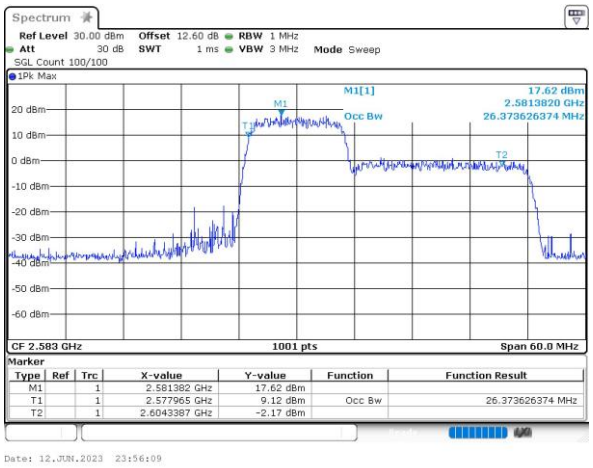
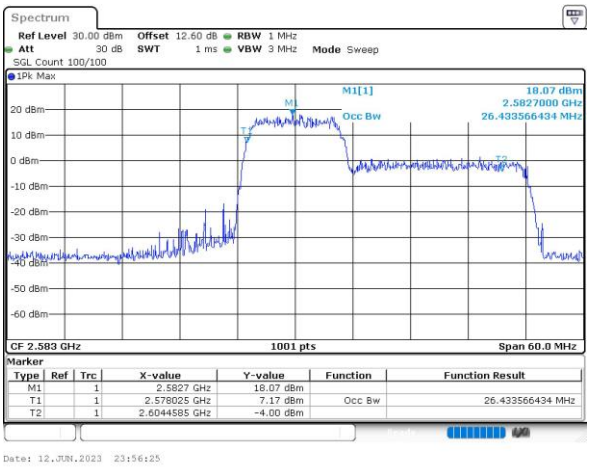
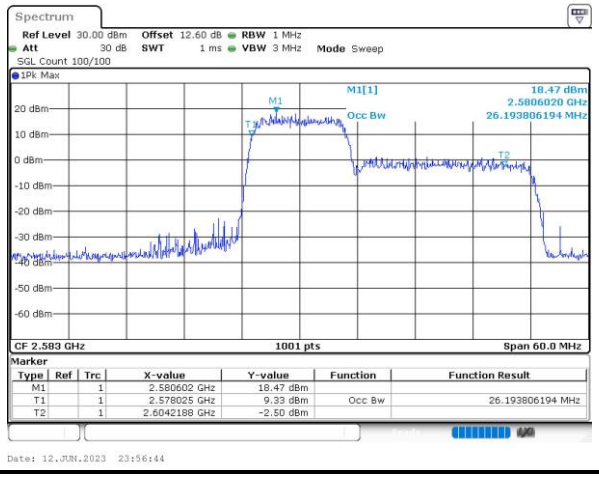
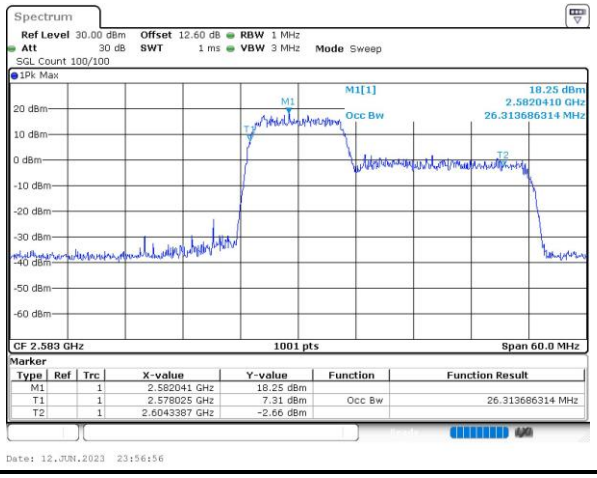
Middle Channel

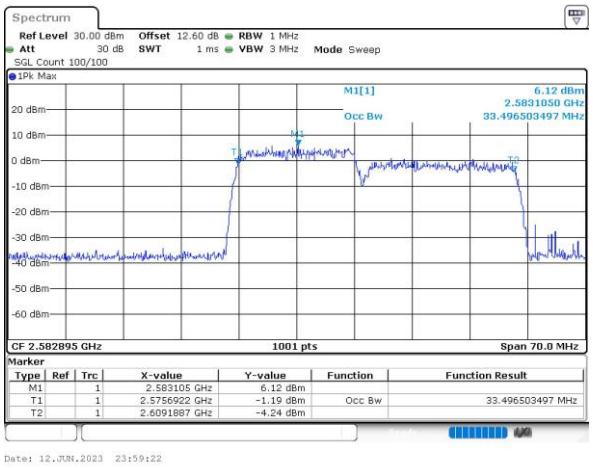
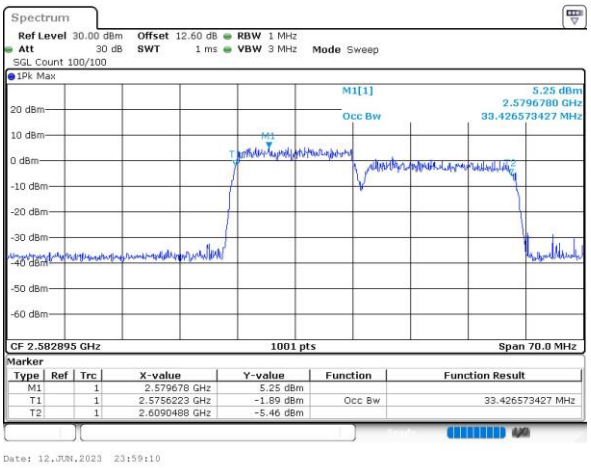
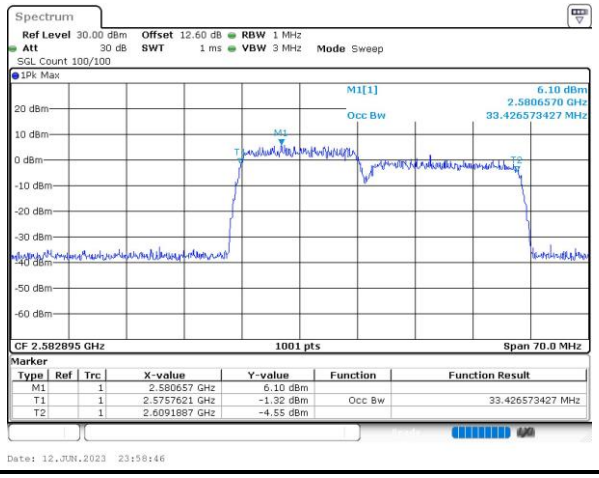
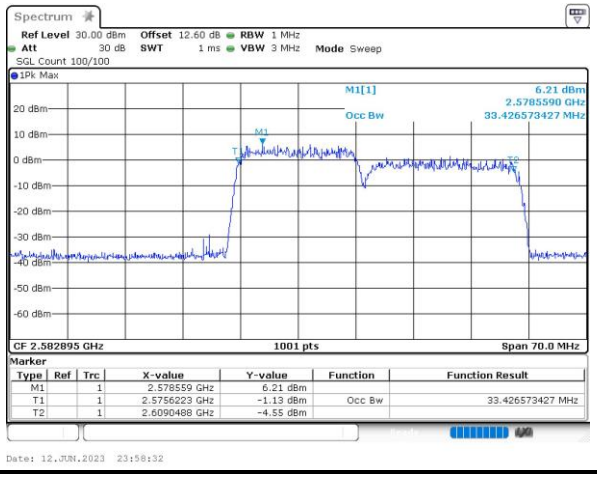


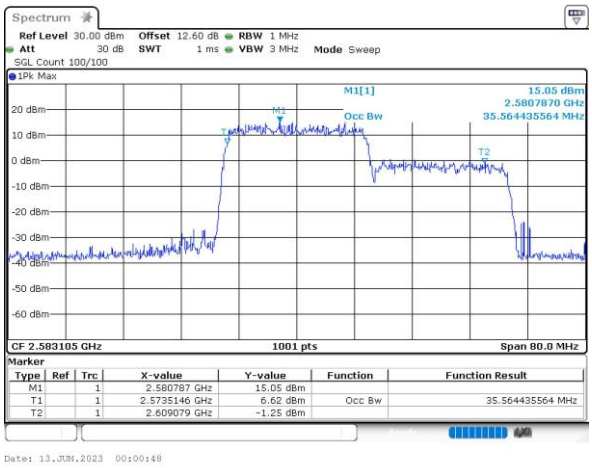
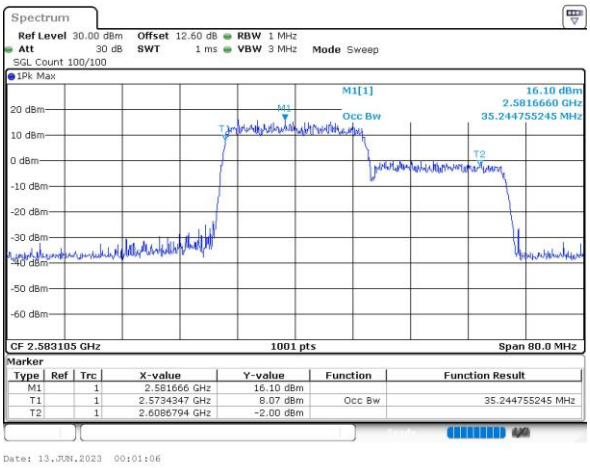
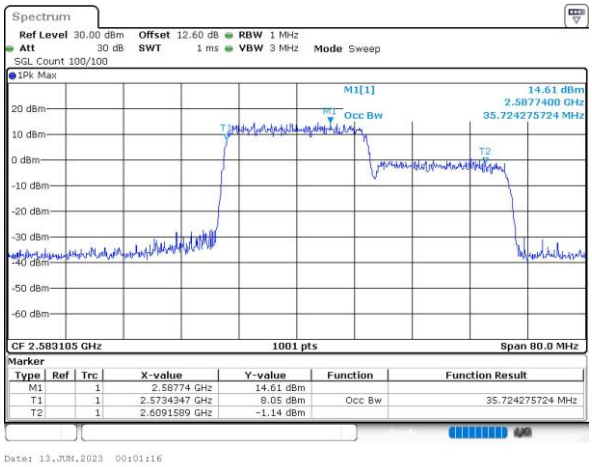
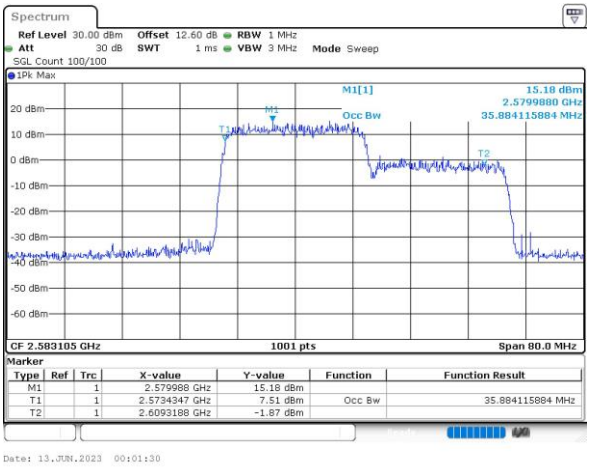
FR1 N41AA / 50MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

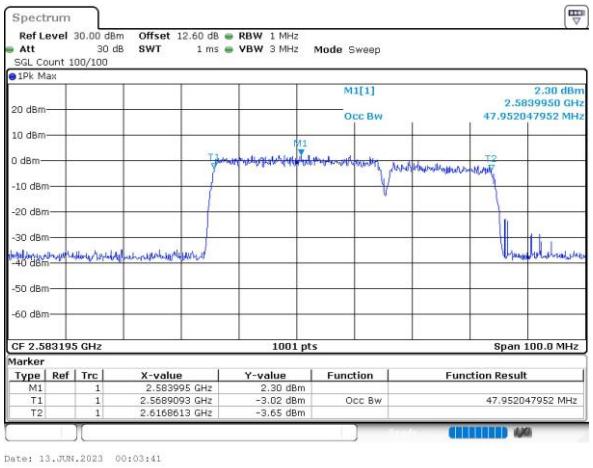
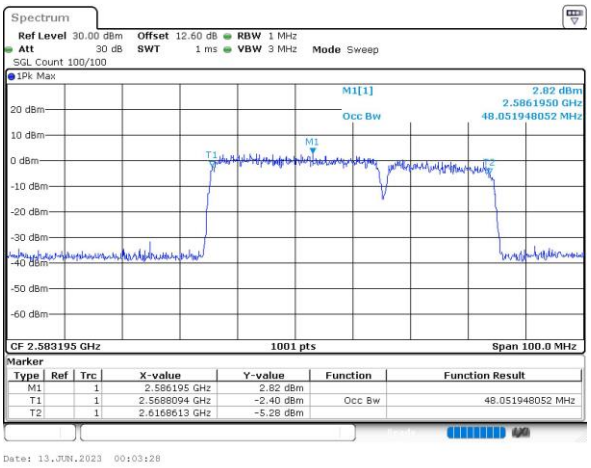
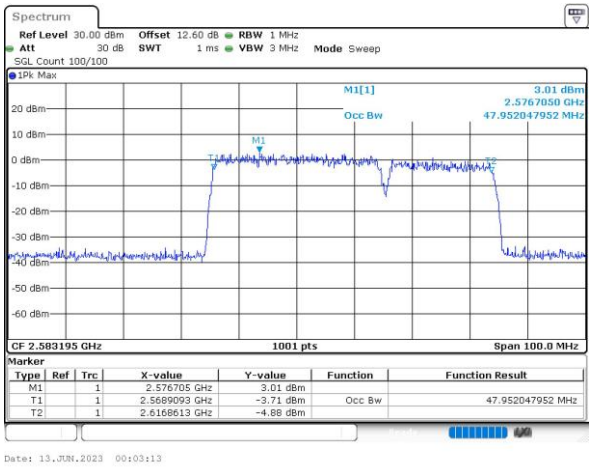
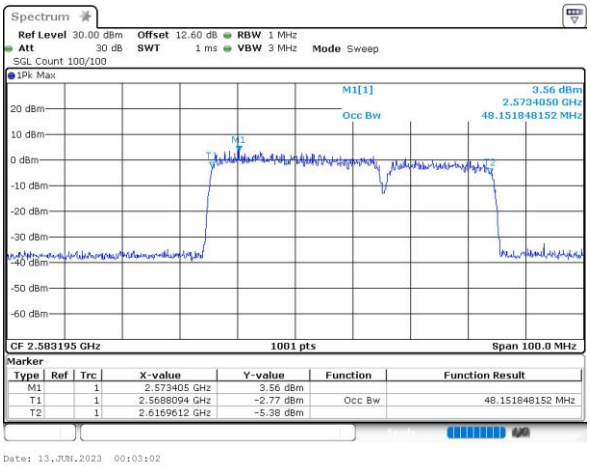
Occupied Bandwidth

Mode	FR1 N41AA : OB BW(MHz) / CP-OFDM			
BW	10M+20M	10M+20M	10M+20M	10M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	26.37	26.43	26.19	26.31
BW	15M+20M	15M+20M	15M+20M	15M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	33.50	33.43	33.43	33.43
BW	20M+20M	20M+20M	20M+20M	20M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	35.56	35.24	35.72	35.88
BW	30M+20M	30M+20M	30M+20M	30M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	47.95	48.05	47.95	48.15
BW	35M+20M	35M+20M	35M+20M	35M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	50.44	50.22	50.22	50.22
BW	40M+20M	40M+20M	40M+20M	40M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	55.38	54.67	54.91	54.91
BW	50M+20M	50M+20M	50M+20M	50M+20M
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	64.62	65.17	64.76	65.73

FR1 N41AA / 10MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 N41AA / 15MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

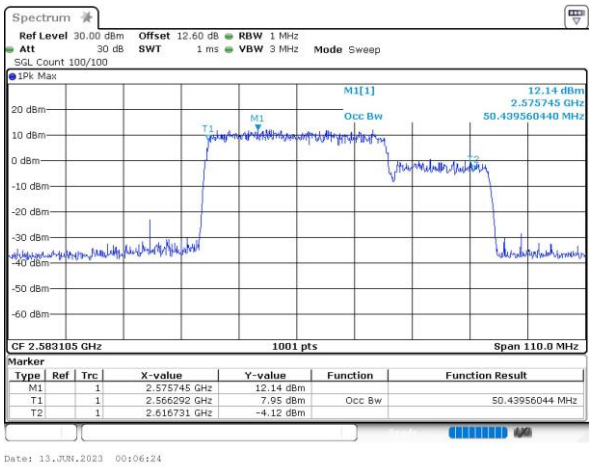
FR1 N41AA / 20MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
 Date: 13.JUN.2023 00:00:48	 Date: 13.JUN.2023 00:01:06
64QAM	**256QAM**
Middle Channel	**Middle Channel**
 Date: 13.JUN.2023 00:01:16	 Date: 13.JUN.2023 00:01:30

FR1 N41AA / 30MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
 Date: 13.JUN.2023 00:03:41	 Date: 13.JUN.2023 00:03:28
64QAM	**256QAM**
Middle Channel	**Middle Channel**
 Date: 13.JUN.2023 00:03:13	 Date: 13.JUN.2023 00:03:02

FR1 N41AA / 35MHz+20MHz / CP-OFDM

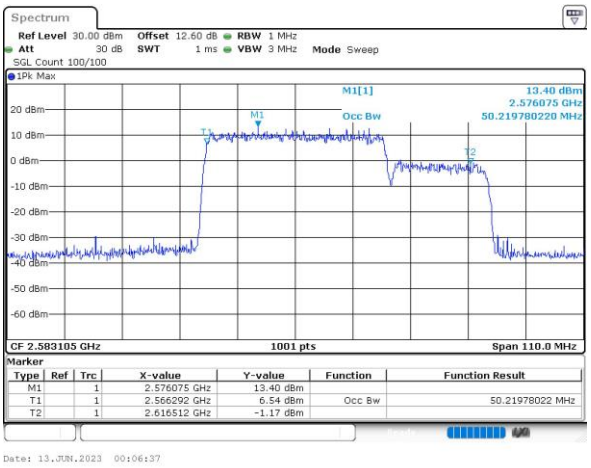
QPSK

Middle Channel



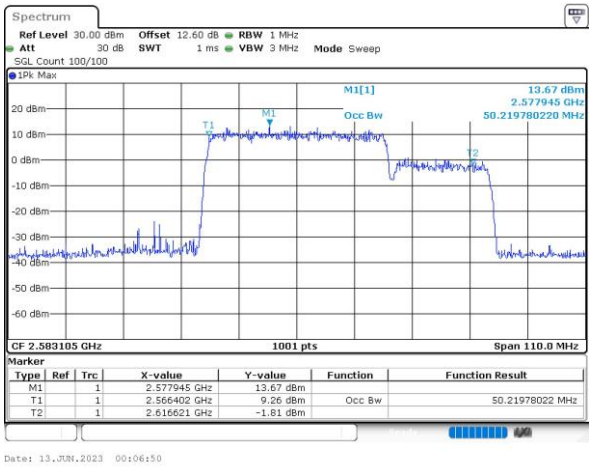
16QAM

Middle Channel



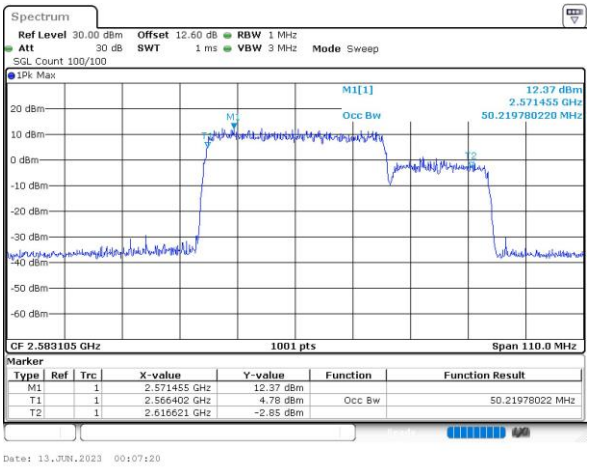
64QAM

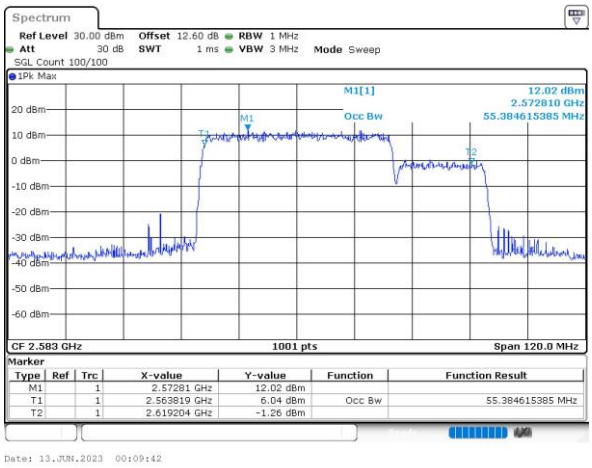
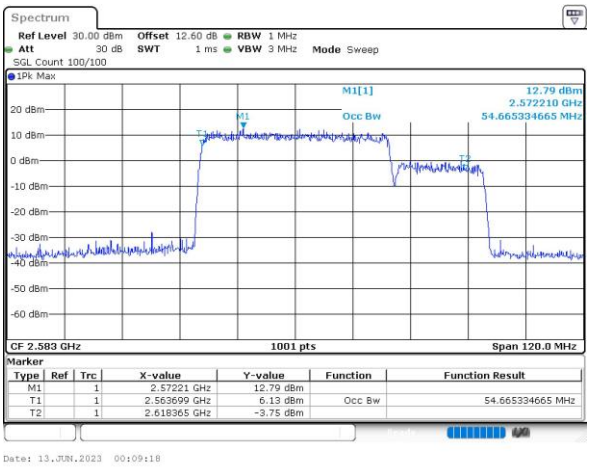
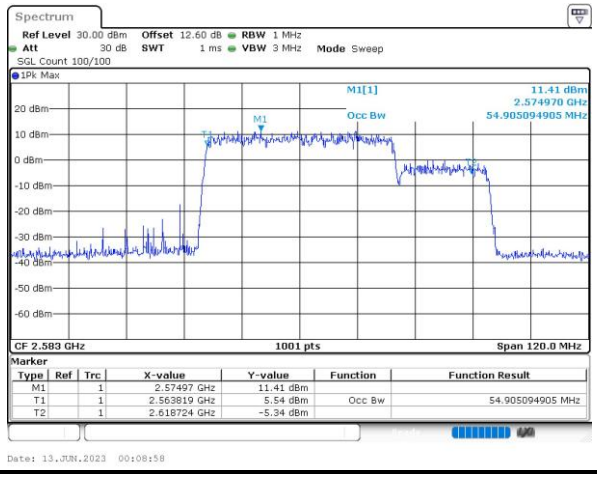
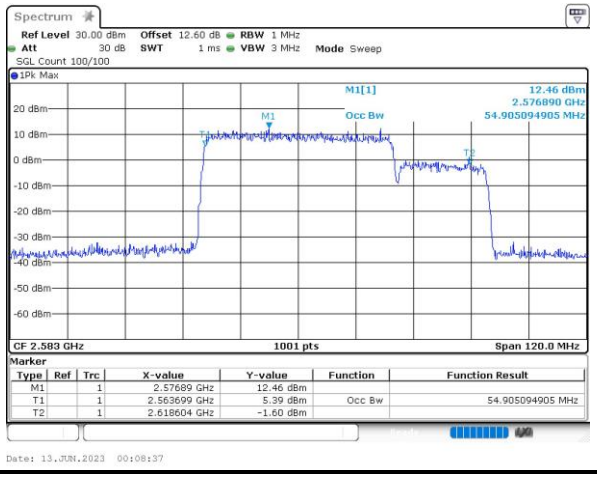
Middle Channel

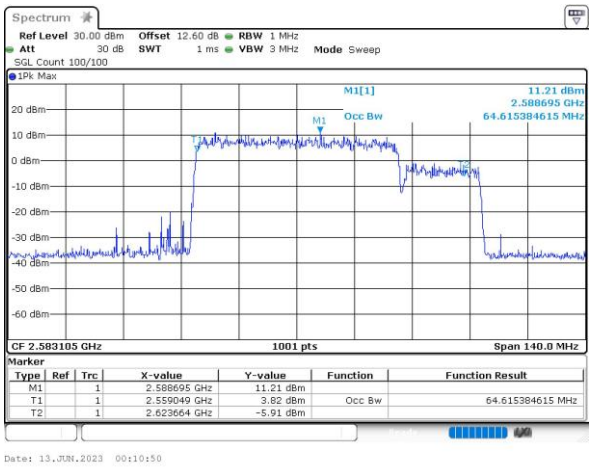
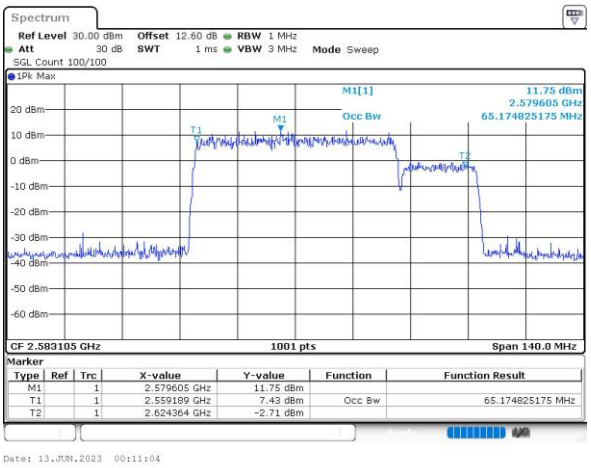
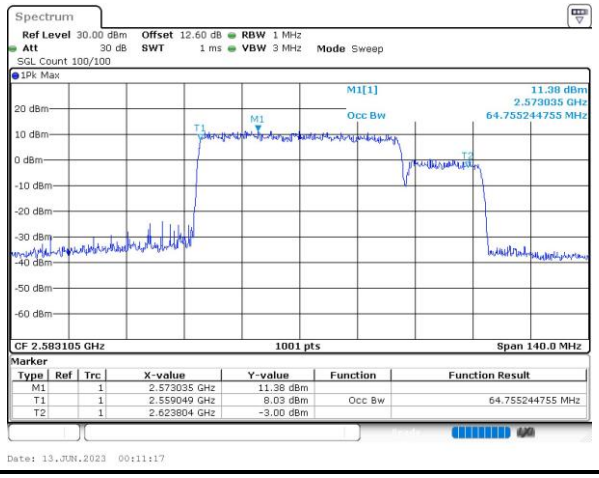
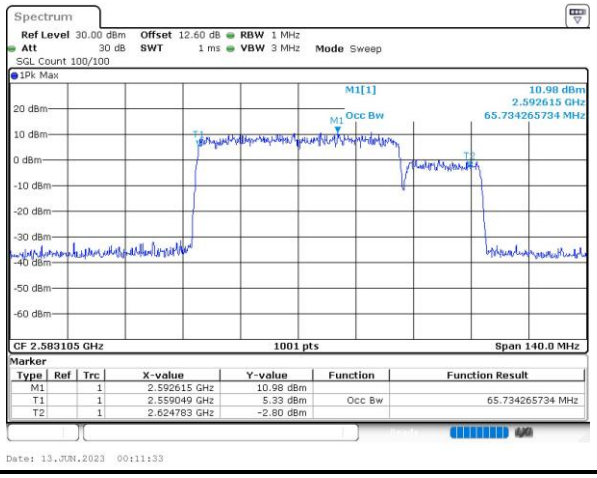


256QAM

Middle Channel



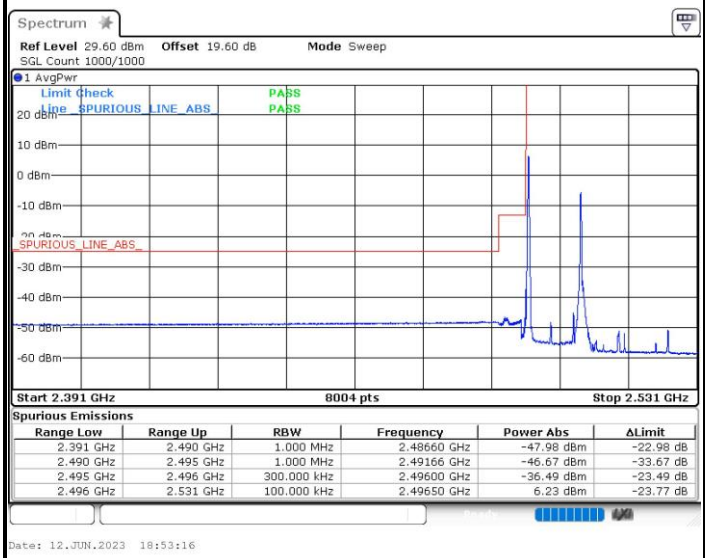
FR1 N41AA / 40MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

FR1 N41AA / 50MHz+20MHz / CP-OFDM	
QPSK	**16QAM**
Middle Channel	**Middle Channel**
	
64QAM	**256QAM**
Middle Channel	**Middle Channel**
	

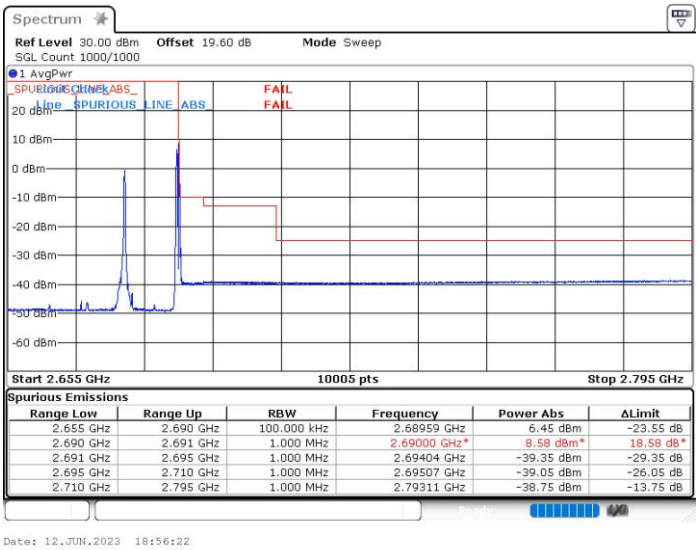
Conducted Band Edge

FR1 N41AA / 10MHz+20MHz / DFT-S OFDM BPSK

Lowest Band Edge / 1 RB



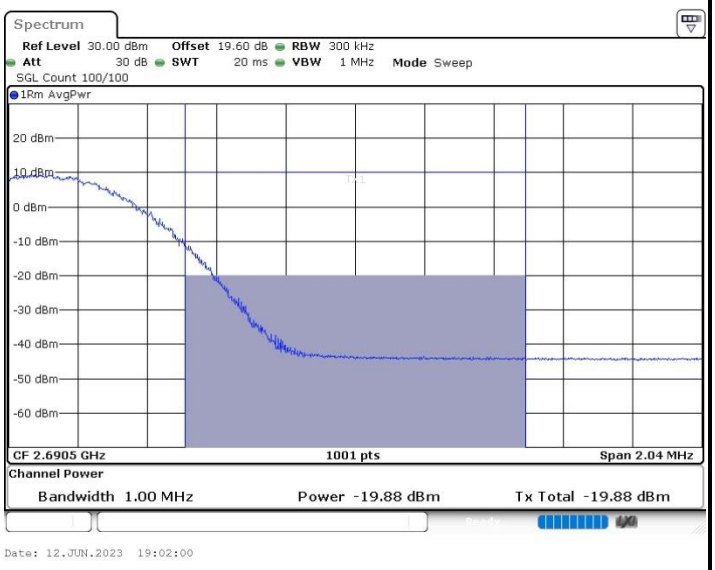
Highest Band Edge / 1 RB



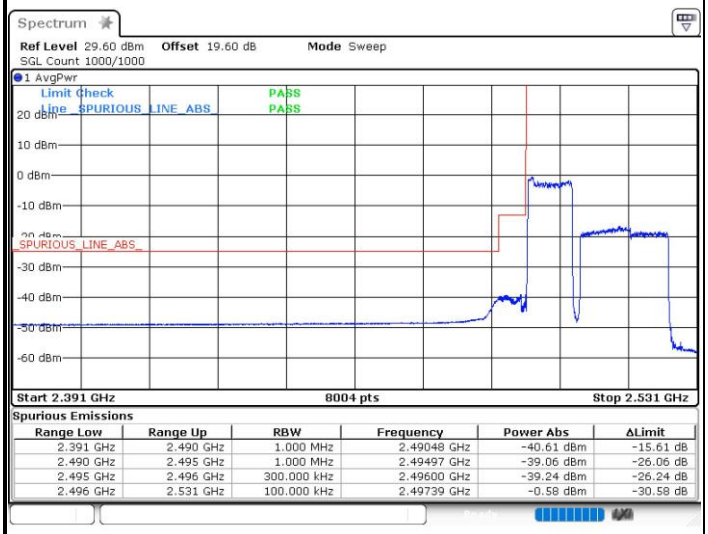
Channel Power < -13dBm Pass

NA

Channel Power < -13dBm Pass



Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.391 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-40.61 dBm	-15.61 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49497 GHz	-39.06 dBm	-26.06 dB
2.495 GHz	2.496 GHz	300.000 kHz	2.49600 GHz	-39.24 dBm	-26.24 dB
2.496 GHz	2.531 GHz	100.000 kHz	2.49739 GHz	-0.58 dBm	-30.58 dB

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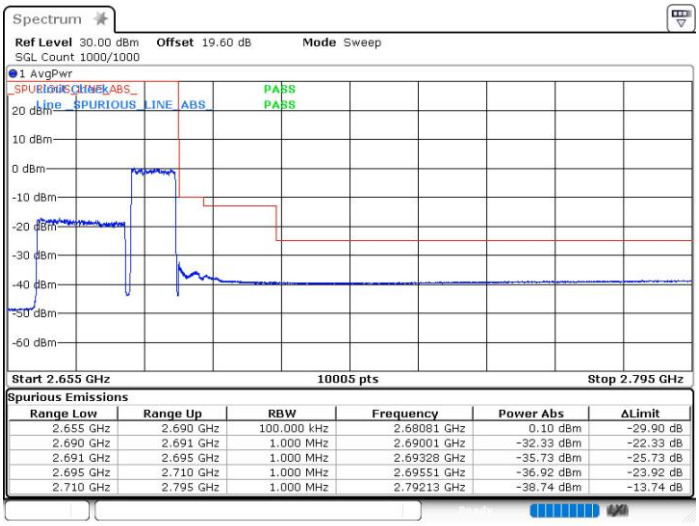
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.655 GHz	2.690 GHz	100.000 kHz	2.68081 GHz	0.10 dBm	-29.90 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69001 GHz	-32.33 dBm	-22.33 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69328 GHz	-35.73 dBm	-25.73 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.69551 GHz	-36.92 dBm	-23.92 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.79213 GHz	-38.74 dBm	-13.74 dB

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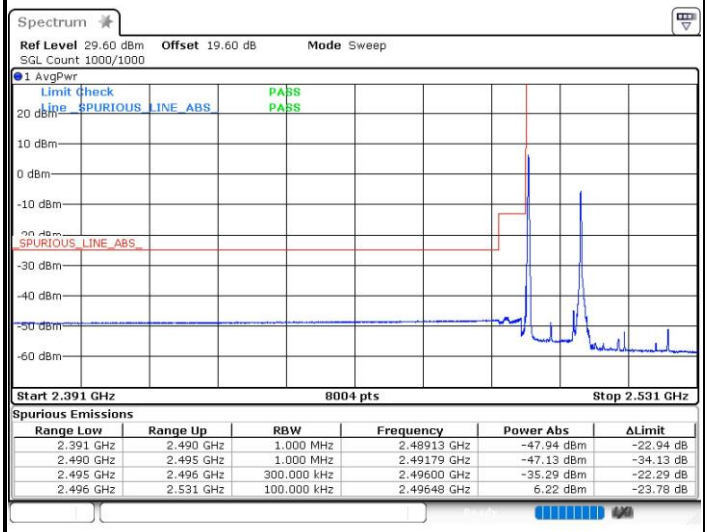
FR1 N41AA / 10MHz+20MHz / DFT-S OFDM QPSK

Lowest Band Edge / 1 RB

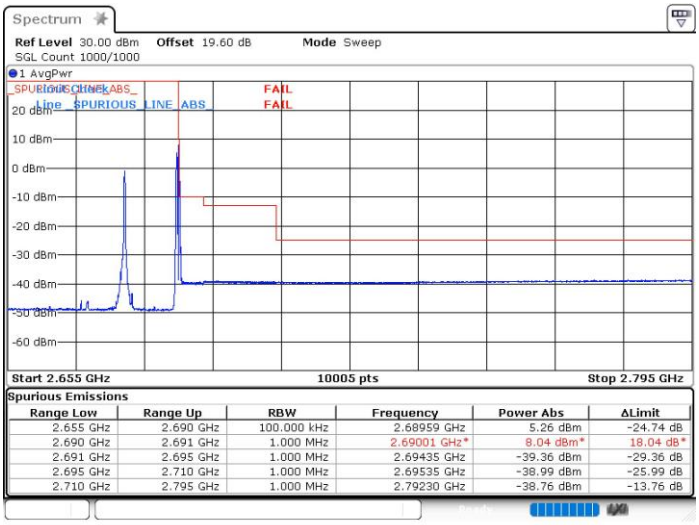


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.391 GHz	2.490 GHz	1.000 MHz	2.48913 GHz	-47.94 dBm	-22.94 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49179 GHz	-47.13 dBm	-34.13 dB
2.495 GHz	2.496 GHz	300.000 kHz	2.49600 GHz	-35.29 dBm	-22.29 dB
2.496 GHz	2.531 GHz	100.000 kHz	2.49648 GHz	6.22 dBm	-23.78 dB

Date: 12.JUN.2023 18:54:10

Highest Band Edge / 1 RB



Spurious Emissions

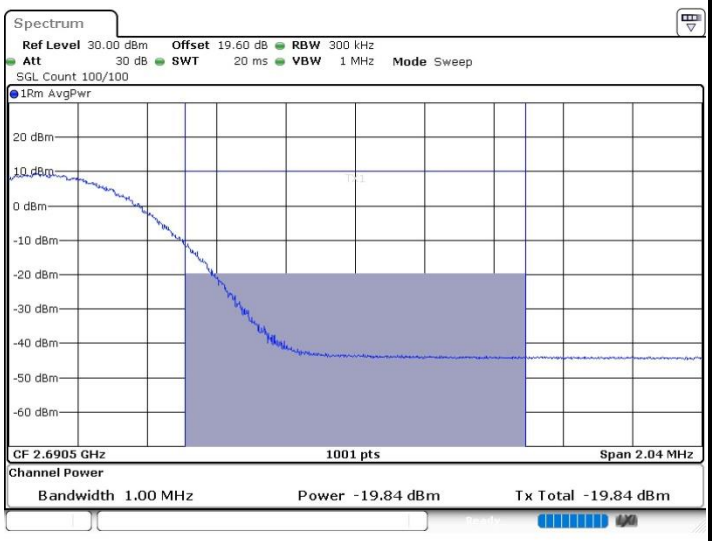
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.655 GHz	2.690 GHz	100.000 kHz	2.68959 GHz	5.26 dBm	-24.74 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69001 GHz*	8.04 dBm*	18.04 dB*
2.691 GHz	2.695 GHz	1.000 MHz	2.69435 GHz	-39.36 dBm	-29.36 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.69535 GHz	-38.99 dBm	-25.99 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.79230 GHz	-38.76 dBm	-13.76 dB

Date: 12.JUN.2023 18:57:11

Channel Power < -13dBm Pass

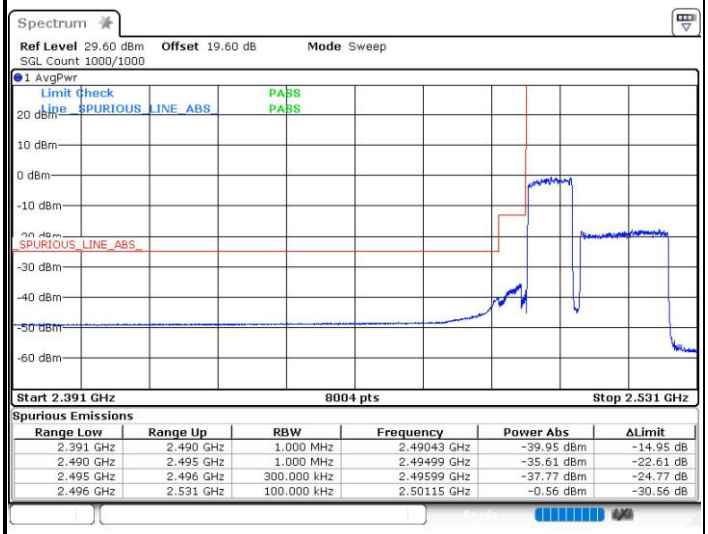
NA

Channel Power < -13dBm Pass



Date: 12.JUN.2023 19:01:41

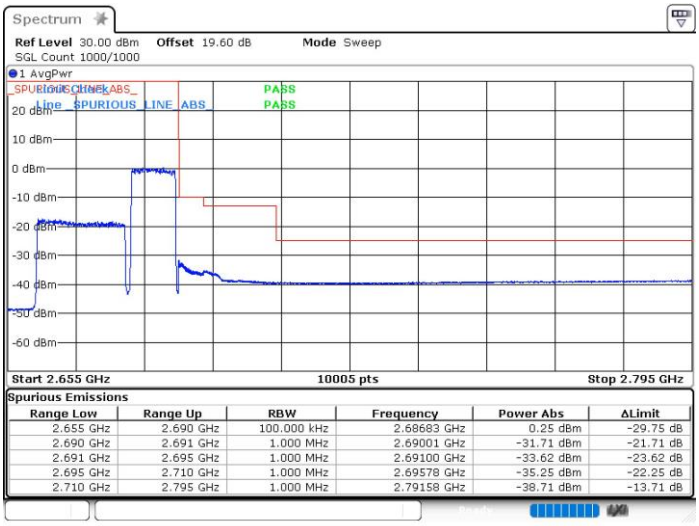
Lowest Band Edge / Full RB	Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.391 GHz	2.490 GHz	1.000 MHz	2.49043 GHz	-39.95 dBm	-14.95 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49499 GHz	-35.61 dBm	-22.61 dB
2.495 GHz	2.496 GHz	300.000 kHz	2.49599 GHz	-37.77 dBm	-24.77 dB
2.496 GHz	2.531 GHz	100.000 kHz	2.50115 GHz	-0.56 dBm	-30.56 dB

Date: 12.JUN.2023 18:02:17



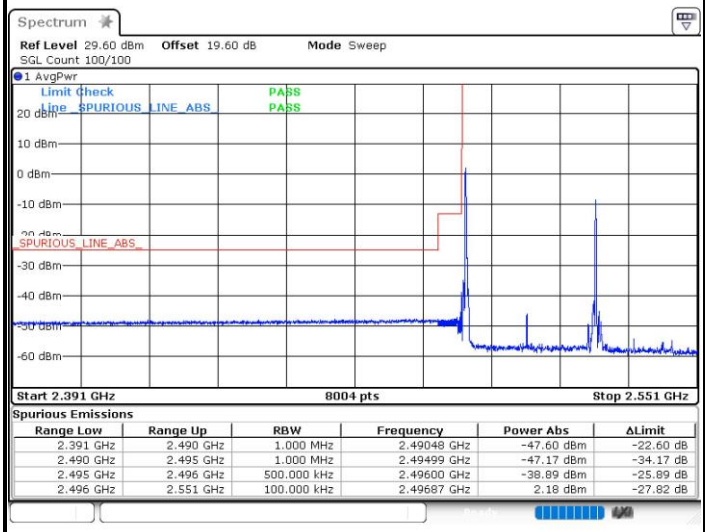
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.655 GHz	2.690 GHz	100.000 kHz	2.68683 GHz	0.25 dBm	-29.75 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69001 GHz	-31.71 dBm	-21.71 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69100 GHz	-33.62 dBm	-23.62 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.69578 GHz	-35.25 dBm	-22.25 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.79158 GHz	-38.71 dBm	-13.71 dB

Date: 12.JUN.2023 19:04:47

FR1 N41AA / 30MHz+20MHz / DFT-S OFDM BPSK

Lowest Band Edge / 1 RB

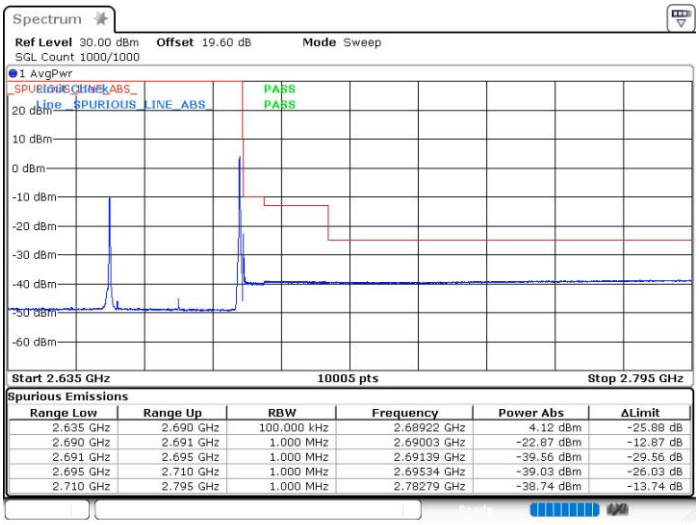


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.391 GHz	2.490 GHz	1.000 MHz	2.49048 GHz	-47.60 dBm	-22.60 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49499 GHz	-47.17 dBm	-34.17 dB
2.495 GHz	2.496 GHz	500.000 kHz	2.49600 GHz	-38.89 dBm	-25.89 dB
2.496 GHz	2.551 GHz	100.000 kHz	2.49687 GHz	2.18 dBm	-27.82 dB

Date: 12.JUN.2023 19:17:08

Highest Band Edge / 1 RB

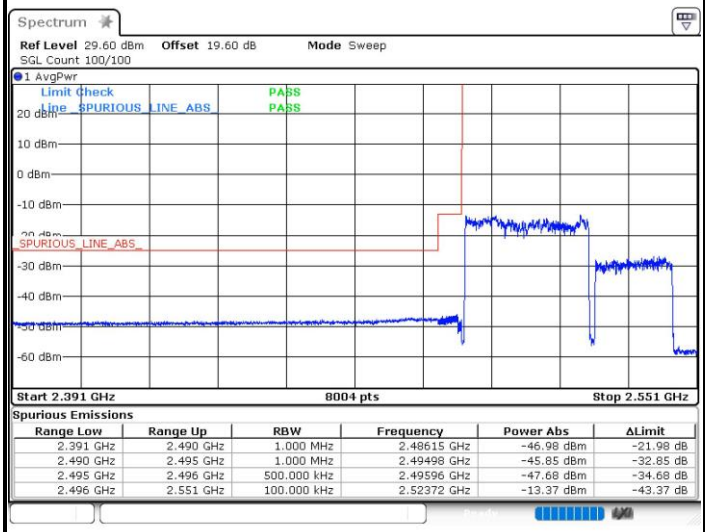


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.635 GHz	2.690 GHz	100.000 kHz	2.68922 GHz	4.12 dBm	-25.88 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69003 GHz	-22.87 dBm	-12.87 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69139 GHz	-39.56 dBm	-29.56 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.69534 GHz	-39.03 dBm	-26.03 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.78279 GHz	-38.74 dBm	-13.74 dB

Date: 12.JUN.2023 19:11:51

Lowest Band Edge / Full RB

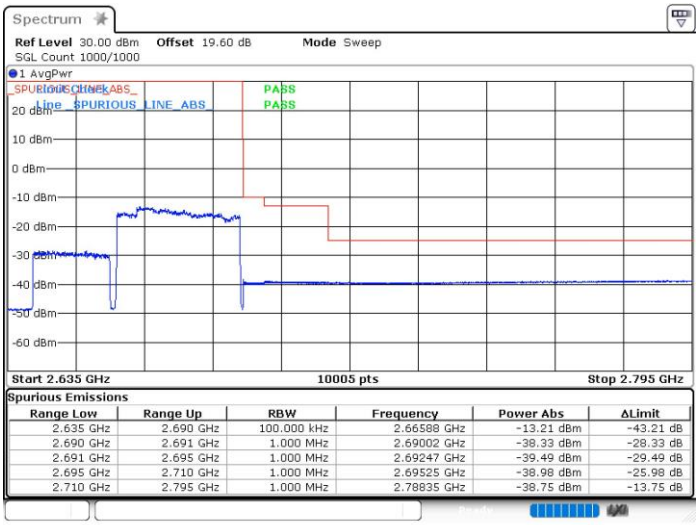


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.391 GHz	2.490 GHz	1.000 MHz	2.48615 GHz	-46.98 dBm	-21.98 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49498 GHz	-45.85 dBm	-32.85 dB
2.495 GHz	2.496 GHz	500.000 kHz	2.49596 GHz	-47.68 dBm	-34.68 dB
2.496 GHz	2.551 GHz	100.000 kHz	2.52372 GHz	-13.37 dBm	-43.37 dB

Date: 12.JUN.2023 19:17:35

Highest Band Edge / Full RB



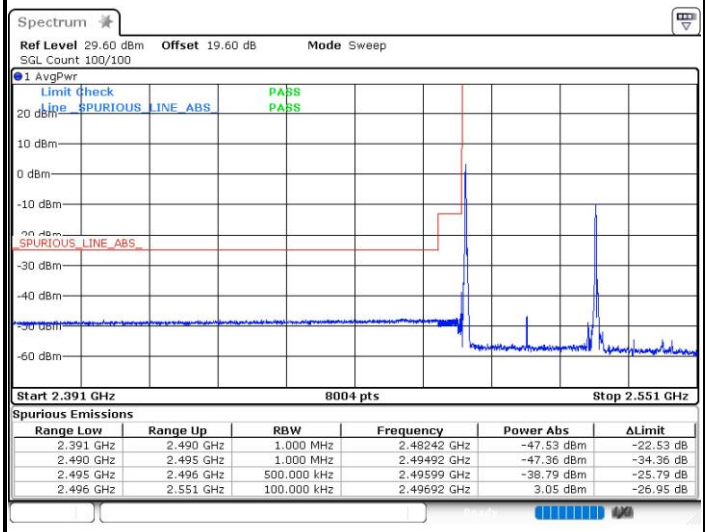
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.635 GHz	2.690 GHz	100.000 kHz	2.66588 GHz	-13.21 dBm	-43.21 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69002 GHz	-38.33 dBm	-28.33 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69247 GHz	-39.49 dBm	-29.49 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.69525 GHz	-38.98 dBm	-25.98 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.78835 GHz	-38.75 dBm	-13.75 dB

Date: 12.JUN.2023 19:08:17

FR1 N41AA / 30MHz+20MHz / DFT-S OFDM QPSK

Lowest Band Edge / 1 RB

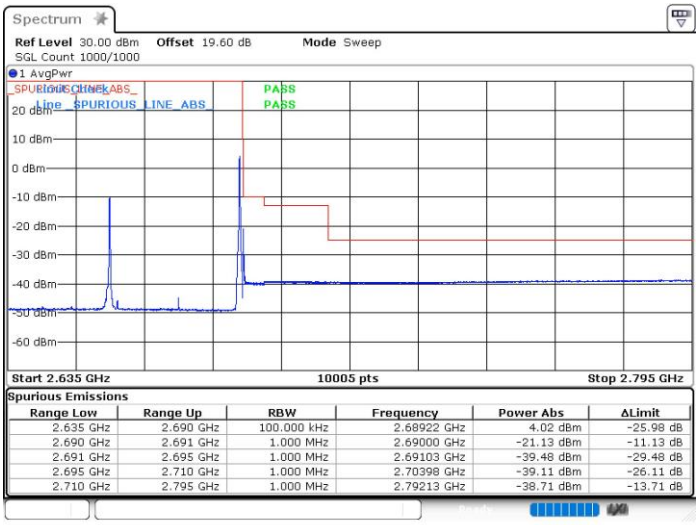


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.391 GHz	2.490 GHz	1.000 MHz	2.48242 GHz	-47.53 dBm	-22.53 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49492 GHz	-47.36 dBm	-34.36 dB
2.495 GHz	2.496 GHz	500.000 kHz	2.49599 GHz	-38.79 dBm	-25.79 dB
2.496 GHz	2.551 GHz	100.000 kHz	2.49692 GHz	3.05 dBm	-26.95 dB

Date: 12.JUN.2023 19:16:02

Highest Band Edge / 1 RB

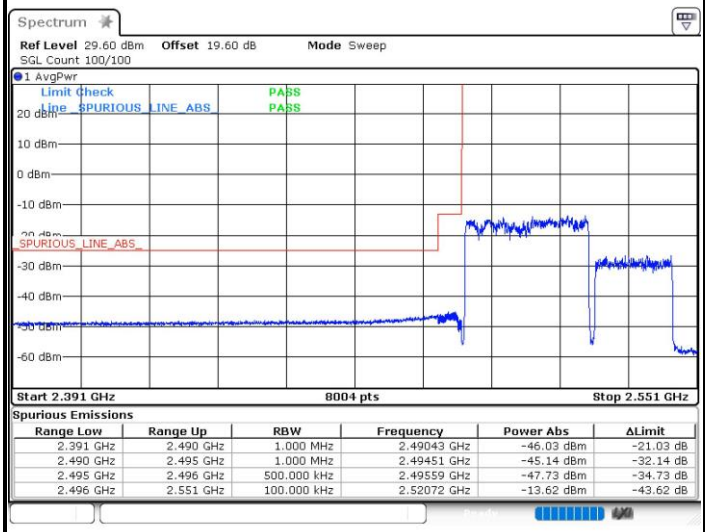


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.635 GHz	2.690 GHz	100.000 kHz	2.68922 GHz	4.02 dBm	-25.98 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69000 GHz	-21.13 dBm	-11.13 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69103 GHz	-39.48 dBm	-29.48 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.70398 GHz	-39.11 dBm	-26.11 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.79213 GHz	-38.71 dBm	-13.71 dB

Date: 12.JUN.2023 19:12:32

Lowest Band Edge / Full RB

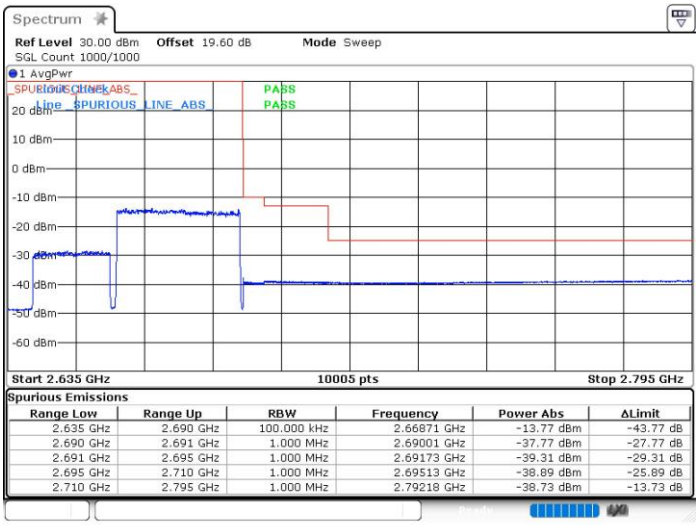


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.391 GHz	2.490 GHz	1.000 MHz	2.49043 GHz	-46.03 dBm	-21.03 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49451 GHz	-45.14 dBm	-32.14 dB
2.495 GHz	2.496 GHz	500.000 kHz	2.49559 GHz	-47.73 dBm	-34.73 dB
2.496 GHz	2.551 GHz	100.000 kHz	2.52072 GHz	-13.62 dBm	-43.62 dB

Date: 12.JUN.2023 19:17:53

Highest Band Edge / Full RB



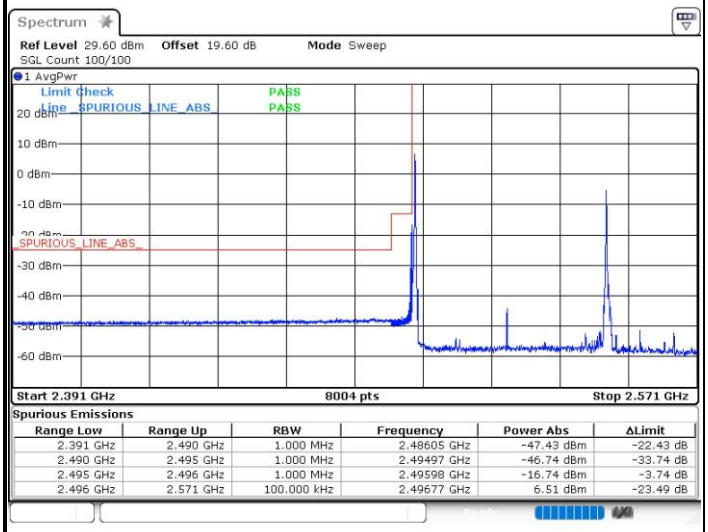
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.635 GHz	2.690 GHz	100.000 kHz	2.66871 GHz	-13.77 dBm	-43.77 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69001 GHz	-37.77 dBm	-27.77 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69173 GHz	-39.31 dBm	-29.31 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.69513 GHz	-38.89 dBm	-25.89 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.79218 GHz	-38.73 dBm	-13.73 dB

Date: 12.JUN.2023 19:07:24

FR1 N41AA / 50MHz+20MHz / DFT-S OFDM BPSK

Lowest Band Edge / 1 RB

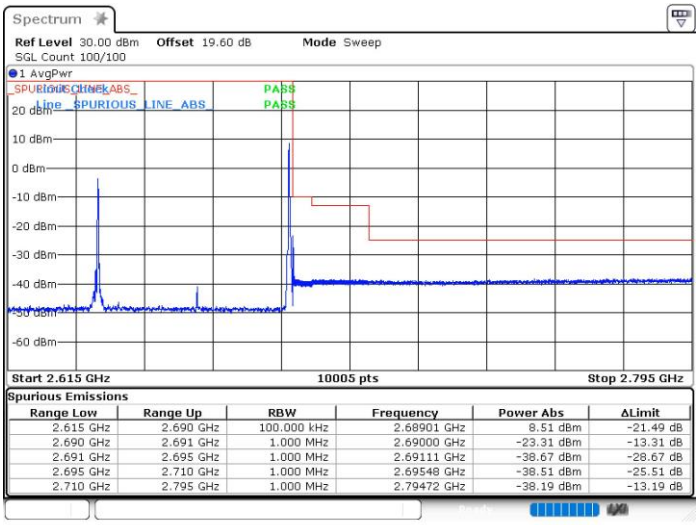


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.391 GHz	2.490 GHz	1.000 MHz	2.48605 GHz	-47.43 dBm	-22.43 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49497 GHz	-46.74 dBm	-33.74 dB
2.495 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-16.74 dBm	-3.74 dB
2.496 GHz	2.571 GHz	100.000 kHz	2.49677 GHz	6.51 dBm	-23.49 dB

Date: 12.JUN.2023 19:20:38

Highest Band Edge / 1 RB

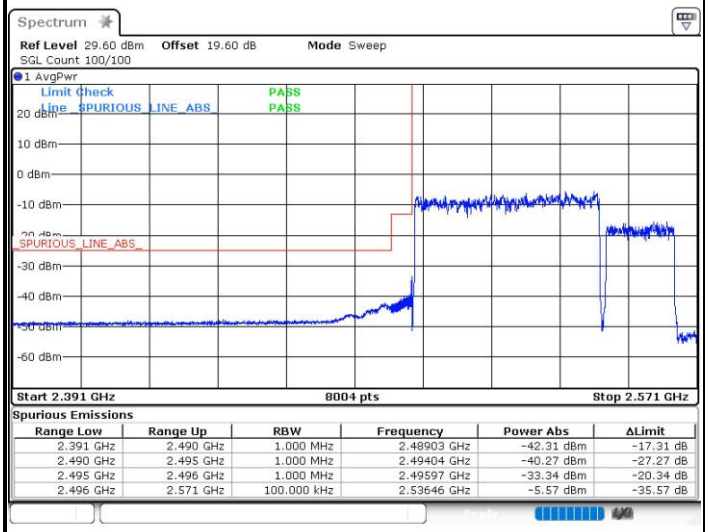


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.690 GHz	100.000 kHz	2.68901 GHz	8.51 dBm	-21.49 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69000 GHz	-23.31 dBm	-13.31 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69111 GHz	-38.67 dBm	-28.67 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.69548 GHz	-38.51 dBm	-25.51 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.79472 GHz	-38.19 dBm	-13.19 dB

Date: 12.JUN.2023 19:24:16

Lowest Band Edge / Full RB

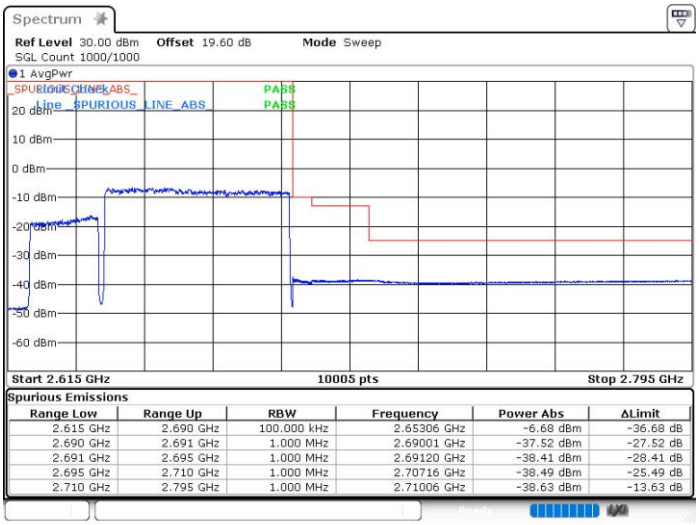


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.391 GHz	2.490 GHz	1.000 MHz	2.48903 GHz	-42.31 dBm	-17.31 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49404 GHz	-40.27 dBm	-27.27 dB
2.495 GHz	2.496 GHz	1.000 MHz	2.49597 GHz	-33.34 dBm	-20.34 dB
2.496 GHz	2.571 GHz	100.000 kHz	2.53646 GHz	-5.57 dBm	-35.57 dB

Date: 12.JUN.2023 19:20:12

Highest Band Edge / Full RB



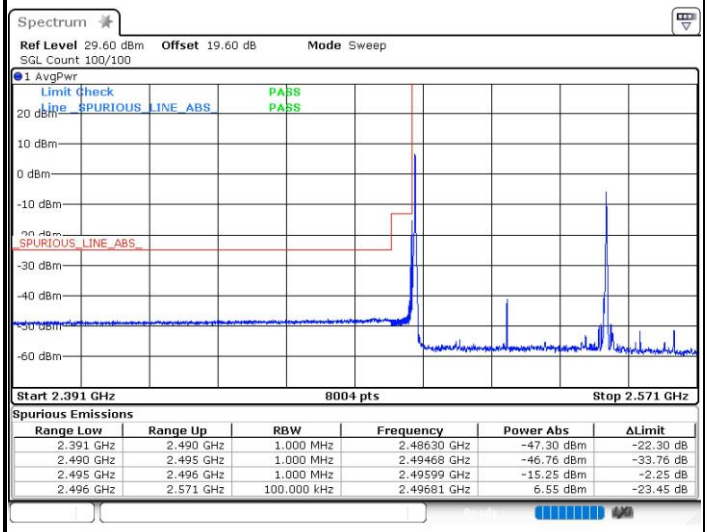
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.690 GHz	100.000 kHz	2.65306 GHz	-6.68 dBm	-36.68 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69001 GHz	-37.52 dBm	-27.52 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69120 GHz	-38.41 dBm	-28.41 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.70716 GHz	-38.49 dBm	-25.49 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.71006 GHz	-38.63 dBm	-13.63 dB

Date: 12.JUN.2023 19:25:27

FR1 N41AA / 50MHz+20MHz / DFT-S OFDM QPSK

Lowest Band Edge / 1 RB

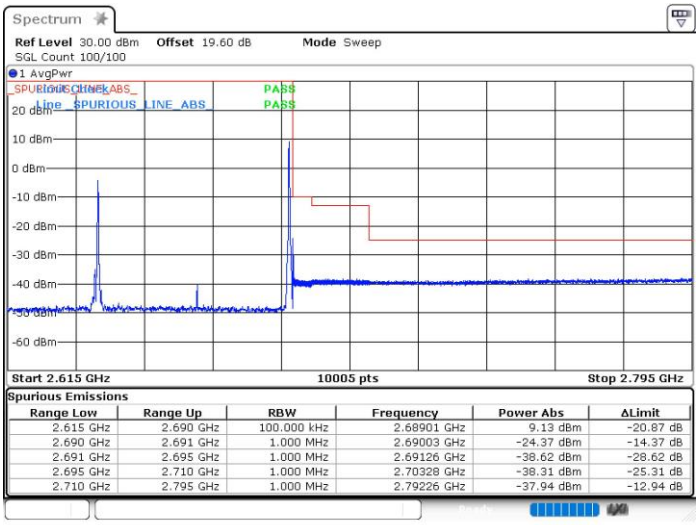


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.391 GHz	2.490 GHz	1.000 MHz	2.48630 GHz	-47.30 dBm	-22.30 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49468 GHz	-46.76 dBm	-33.76 dB
2.495 GHz	2.496 GHz	1.000 MHz	2.49599 GHz	-15.25 dBm	-2.25 dB
2.496 GHz	2.571 GHz	100.000 kHz	2.49681 GHz	6.55 dBm	-23.45 dB

Date: 12.JUN.2023 19:20:53

Highest Band Edge / 1 RB

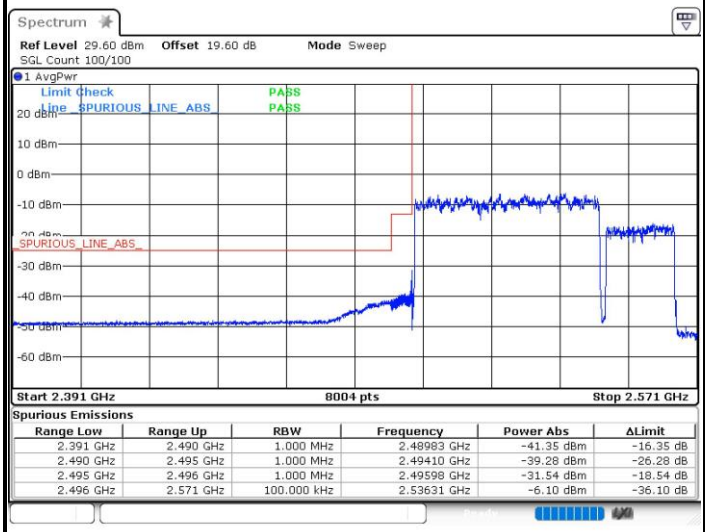


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.690 GHz	100.000 kHz	2.68901 GHz	9.13 dBm	-20.87 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69003 GHz	-24.37 dBm	-14.37 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69126 GHz	-38.62 dBm	-28.62 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.70328 GHz	-38.31 dBm	-25.31 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.79226 GHz	-37.94 dBm	-12.94 dB

Date: 12.JUN.2023 19:22:38

Lowest Band Edge / Full RB

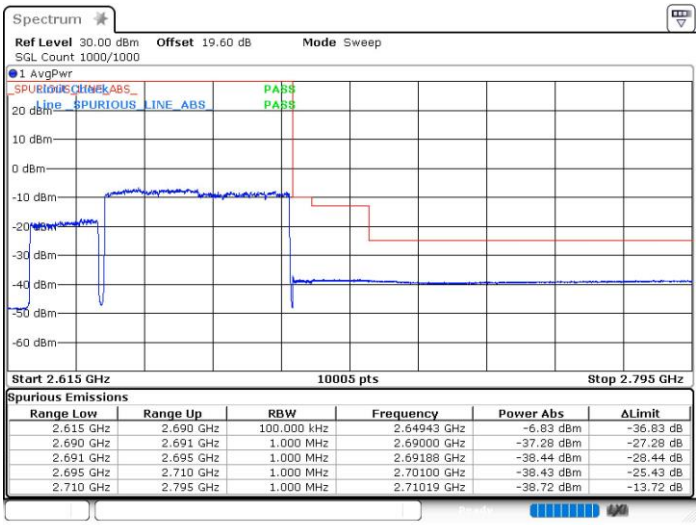


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.391 GHz	2.490 GHz	1.000 MHz	2.48983 GHz	-41.35 dBm	-16.35 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49410 GHz	-39.28 dBm	-26.28 dB
2.495 GHz	2.496 GHz	1.000 MHz	2.49598 GHz	-31.54 dBm	-18.54 dB
2.496 GHz	2.571 GHz	100.000 kHz	2.53631 GHz	-6.10 dBm	-36.10 dB

Date: 12.JUN.2023 19:19:43

Highest Band Edge / Full RB



Spurious Emissions

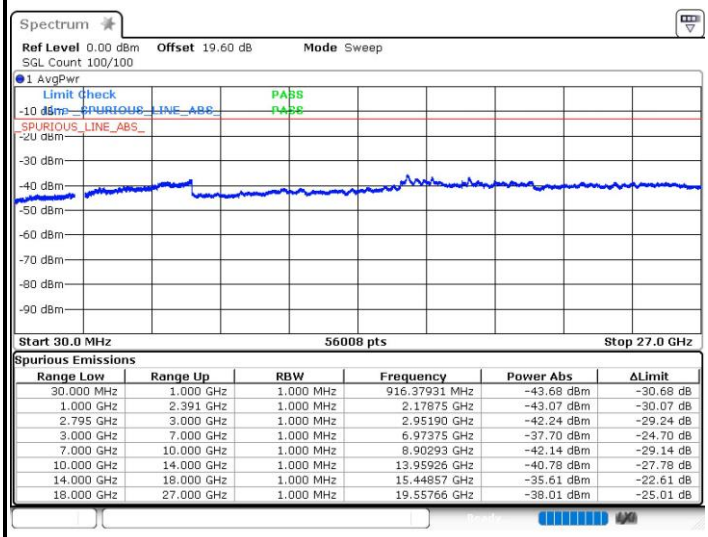
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.615 GHz	2.690 GHz	100.000 kHz	2.64943 GHz	-6.83 dBm	-36.83 dB
2.690 GHz	2.691 GHz	1.000 MHz	2.69000 GHz	-37.28 dBm	-27.28 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69188 GHz	-38.44 dBm	-28.44 dB
2.695 GHz	2.710 GHz	1.000 MHz	2.70100 GHz	-38.43 dBm	-25.43 dB
2.710 GHz	2.795 GHz	1.000 MHz	2.71019 GHz	-38.72 dBm	-13.72 dB

Date: 12.JUN.2023 19:26:15

Conducted Spurious Emission

FR1 N41AA / 10MHz+20MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

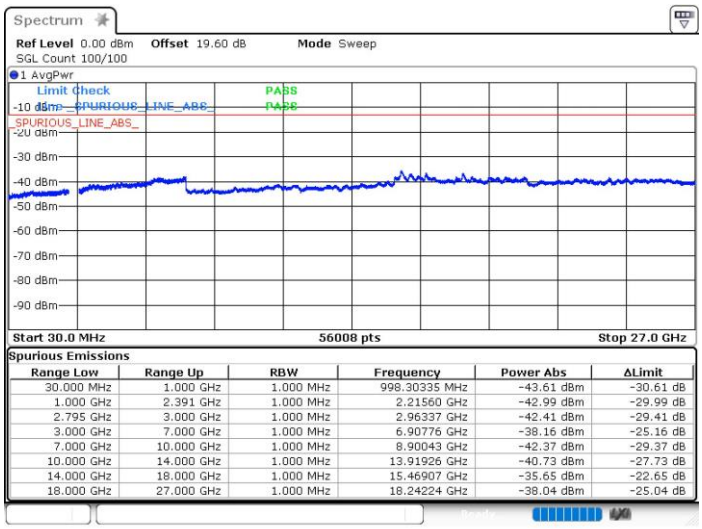


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	916.37931 MHz	-43.68 dBm	-30.68 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.17875 GHz	-43.07 dBm	-30.07 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.95190 GHz	-42.24 dBm	-29.24 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97375 GHz	-37.70 dBm	-24.70 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.90293 GHz	-42.14 dBm	-29.14 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.95926 GHz	-40.78 dBm	-27.78 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.44857 GHz	-35.61 dBm	-22.61 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.55766 GHz	-38.01 dBm	-25.01 dB

Date: 12.JUN.2023 19:59:54

Middle Channel / 1RB

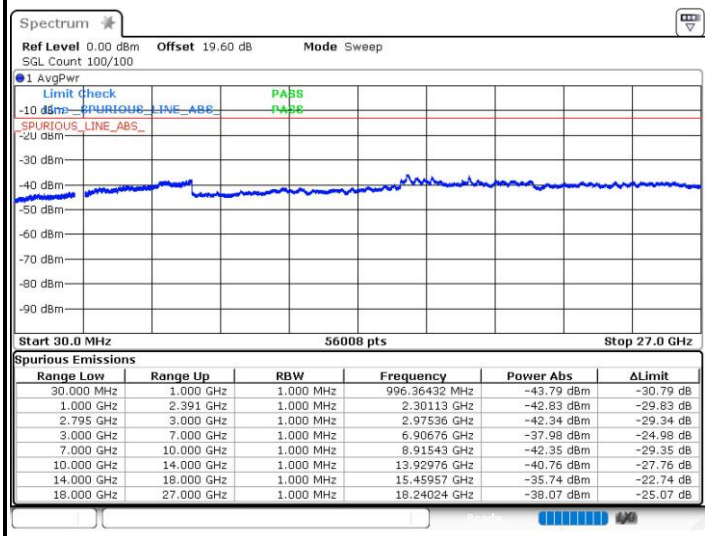


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	998.30335 MHz	-43.61 dBm	-30.61 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.21560 GHz	-42.99 dBm	-29.99 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.96337 GHz	-42.41 dBm	-29.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90776 GHz	-38.16 dBm	-25.16 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.90043 GHz	-42.37 dBm	-29.37 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.91926 GHz	-40.73 dBm	-27.73 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.46907 GHz	-35.65 dBm	-22.65 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.24224 GHz	-38.04 dBm	-25.04 dB

Date: 12.JUN.2023 19:55:48

Highest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.36432 MHz	-43.79 dBm	-30.79 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.30113 GHz	-42.83 dBm	-29.83 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.97536 GHz	-42.34 dBm	-29.34 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90676 GHz	-37.98 dBm	-24.98 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.91543 GHz	-42.35 dBm	-29.35 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.92976 GHz	-40.76 dBm	-27.76 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.45957 GHz	-35.74 dBm	-22.74 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.24024 GHz	-38.07 dBm	-25.07 dB

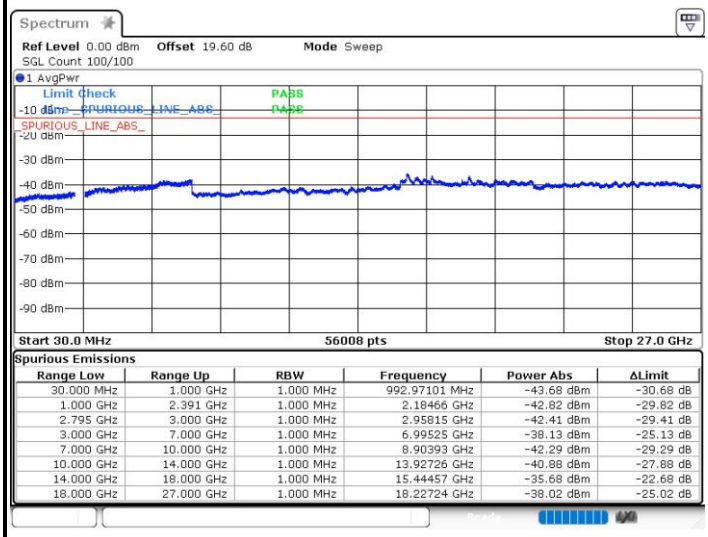
Date: 12.JUN.2023 19:54:15

NA

NA

FR1 N41AA / 10MHz+20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

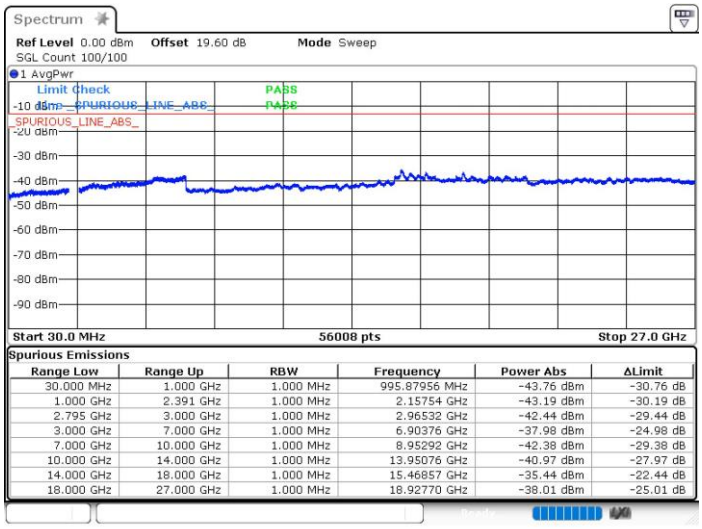


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	992.97101 MHz	-43.68 dBm	-30.68 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.18466 GHz	-42.82 dBm	-29.82 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.95815 GHz	-42.41 dBm	-29.41 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99525 GHz	-38.13 dBm	-25.13 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.90393 GHz	-42.29 dBm	-29.29 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.92726 GHz	-40.88 dBm	-27.88 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.44457 GHz	-35.68 dBm	-22.68 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.22724 GHz	-38.02 dBm	-25.02 dB

Date: 12.JUN.2023 19:58:59

Middle Channel / 1RB

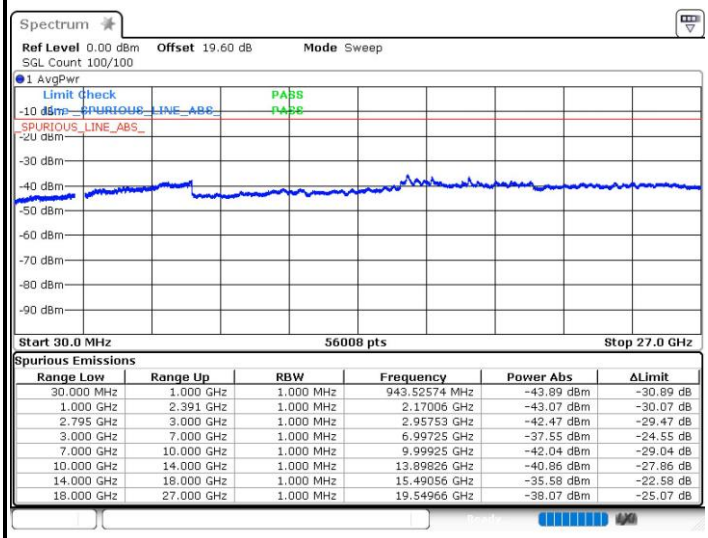


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	995.87956 MHz	-43.76 dBm	-30.76 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.15754 GHz	-43.19 dBm	-30.19 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.96532 GHz	-42.44 dBm	-29.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90376 GHz	-37.98 dBm	-24.98 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.95292 GHz	-42.38 dBm	-29.38 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.95076 GHz	-40.97 dBm	-27.97 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.46857 GHz	-35.44 dBm	-22.44 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.92770 GHz	-38.01 dBm	-25.01 dB

Date: 12.JUN.2023 19:56:45

Highest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	943.52574 MHz	-43.89 dBm	-30.89 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.17006 GHz	-43.07 dBm	-30.07 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.95753 GHz	-42.47 dBm	-29.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99725 GHz	-37.55 dBm	-24.55 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.99925 GHz	-42.04 dBm	-29.04 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89826 GHz	-40.86 dBm	-27.86 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.49056 GHz	-35.58 dBm	-22.58 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.54966 GHz	-38.07 dBm	-25.07 dB

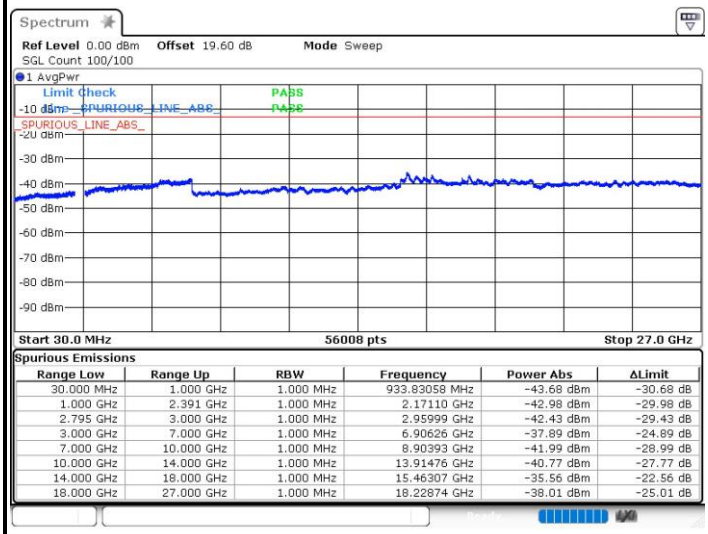
Date: 12.JUN.2023 19:52:33

NA

NA

FR1 N41AA / 30MHz+20MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

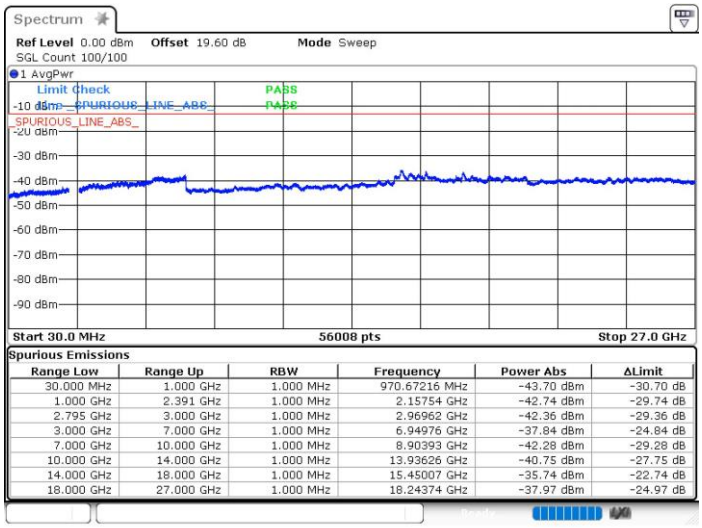


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	933.83058 MHz	-43.68 dBm	-30.68 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.17110 GHz	-42.98 dBm	-29.98 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.95999 GHz	-42.43 dBm	-29.43 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90626 GHz	-37.89 dBm	-24.89 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.90393 GHz	-41.99 dBm	-28.99 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.91476 GHz	-40.77 dBm	-27.77 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.46307 GHz	-35.56 dBm	-22.56 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.22874 GHz	-38.01 dBm	-25.01 dB

Date: 12.JUN.2023 19:38:45

Middle Channel / 1RB

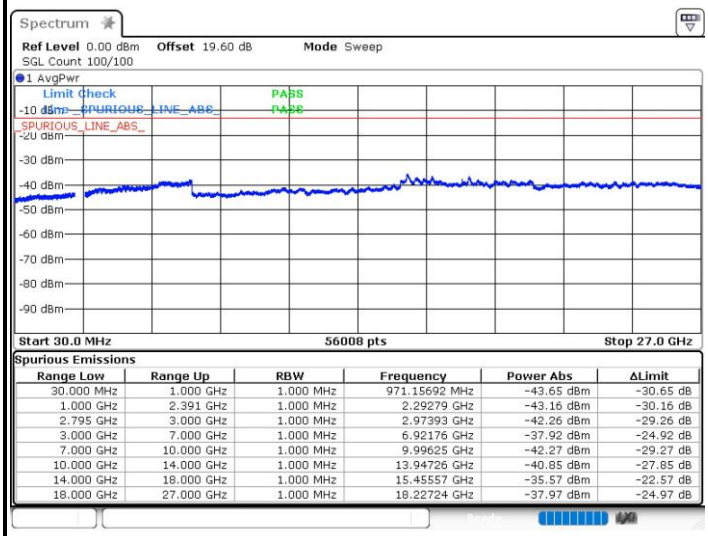


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	970.67216 MHz	-43.70 dBm	-30.70 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.15754 GHz	-42.74 dBm	-29.74 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.96962 GHz	-42.36 dBm	-29.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94976 GHz	-37.84 dBm	-24.84 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.90393 GHz	-42.28 dBm	-29.28 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.93626 GHz	-40.75 dBm	-27.75 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.45007 GHz	-35.74 dBm	-22.74 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.24374 GHz	-37.97 dBm	-24.97 dB

Date: 12.JUN.2023 19:45:59

Highest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	971.15692 MHz	-43.65 dBm	-30.65 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.29279 GHz	-43.16 dBm	-30.16 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.97393 GHz	-42.26 dBm	-29.26 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92176 GHz	-37.92 dBm	-24.92 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.99625 GHz	-42.27 dBm	-29.27 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.94726 GHz	-40.85 dBm	-27.85 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.45557 GHz	-35.57 dBm	-22.57 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.22724 GHz	-37.97 dBm	-24.97 dB

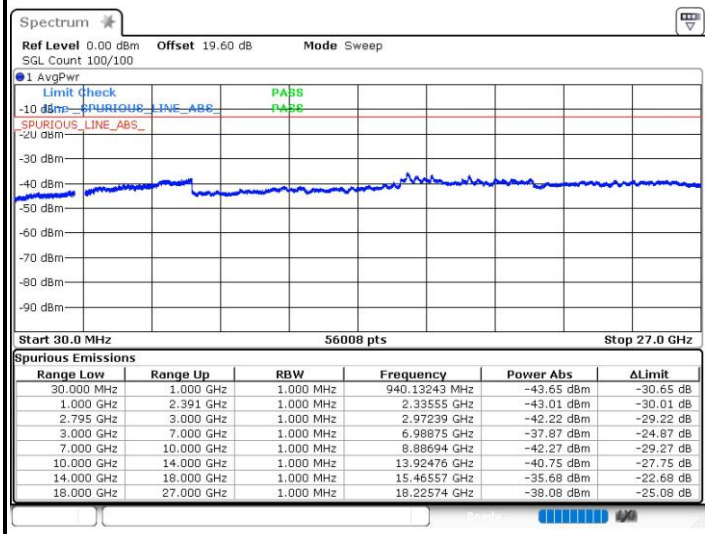
Date: 12.JUN.2023 19:48:39

NA

NA

FR1 N41AA / 30MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

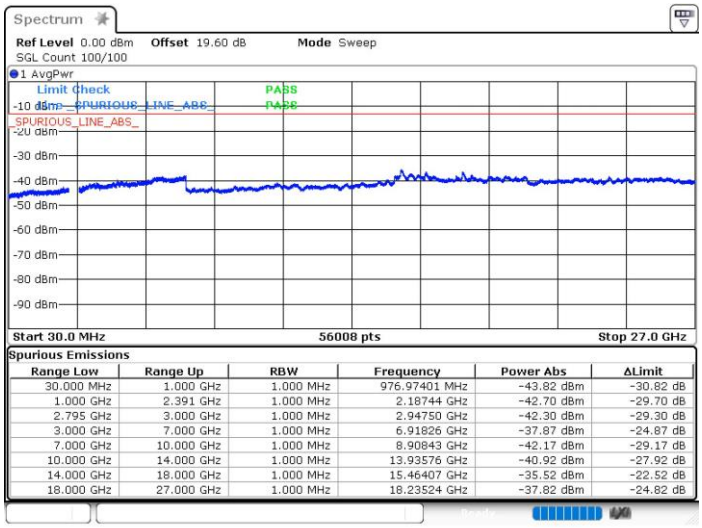


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.13243 MHz	-43.65 dBm	-30.65 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.33555 GHz	-43.01 dBm	-30.01 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.97239 GHz	-42.22 dBm	-29.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-37.87 dBm	-24.87 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.88694 GHz	-42.27 dBm	-29.27 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.92476 GHz	-40.75 dBm	-27.75 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.46557 GHz	-35.68 dBm	-22.68 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.22574 GHz	-38.08 dBm	-25.08 dB

Date: 12.JUN.2023 19:39:42

Middle Channel / 1RB

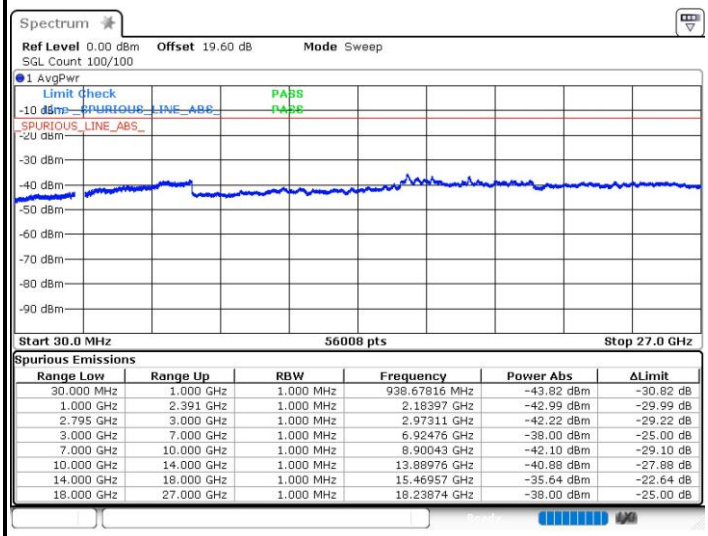


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.97401 MHz	-43.82 dBm	-30.82 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.18744 GHz	-42.70 dBm	-29.70 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.94750 GHz	-42.30 dBm	-29.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91826 GHz	-37.87 dBm	-24.87 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.90843 GHz	-42.17 dBm	-29.17 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.93576 GHz	-40.92 dBm	-27.92 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.46407 GHz	-35.52 dBm	-22.52 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.23524 GHz	-37.82 dBm	-24.82 dB

Date: 12.JUN.2023 19:44:41

Highest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	938.67816 MHz	-43.82 dBm	-30.82 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.18397 GHz	-42.99 dBm	-29.99 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.97311 GHz	-42.22 dBm	-29.22 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92476 GHz	-38.00 dBm	-25.00 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.90043 GHz	-42.10 dBm	-29.10 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.88976 GHz	-40.88 dBm	-27.88 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.46957 GHz	-35.64 dBm	-22.64 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.23874 GHz	-38.00 dBm	-25.00 dB

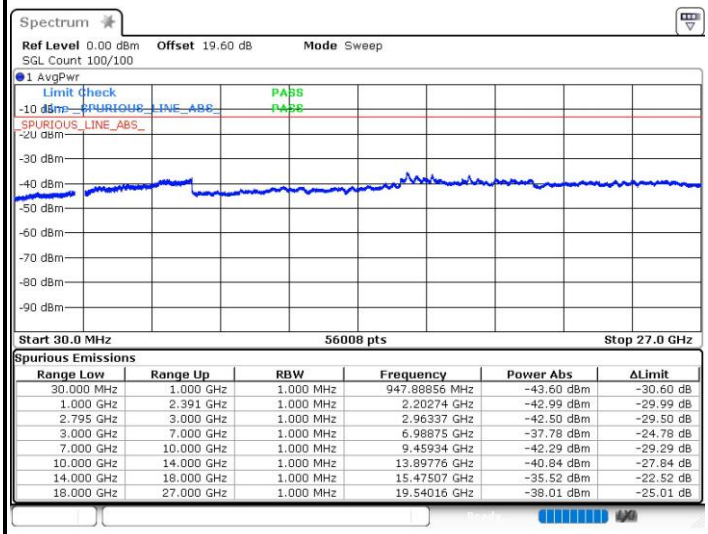
Date: 12.JUN.2023 19:49:51

NA

NA

FR1 N41AA / 50MHz+20MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

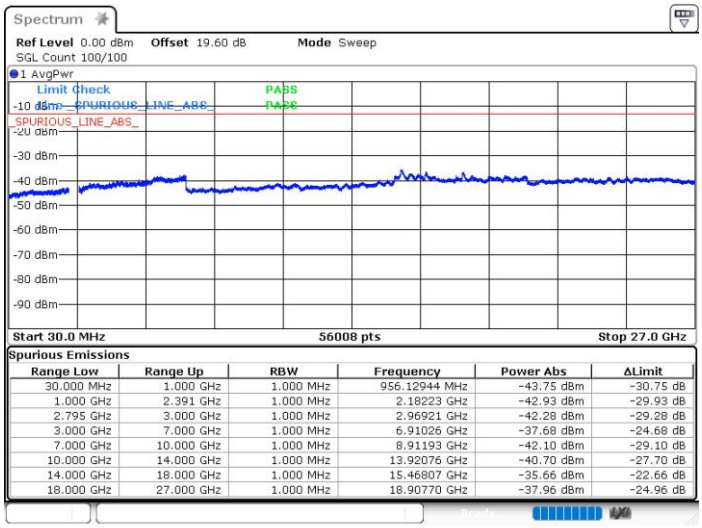


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	947.88856 MHz	-43.60 dBm	-30.60 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.20274 GHz	-42.99 dBm	-29.99 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.96337 GHz	-42.50 dBm	-29.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.98875 GHz	-37.78 dBm	-24.78 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.45934 GHz	-42.29 dBm	-29.29 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89776 GHz	-40.84 dBm	-27.84 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.47507 GHz	-35.52 dBm	-22.52 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.54016 GHz	-38.01 dBm	-25.01 dB

Date: 12.JUN.2023 19:34:40

Middle Channel / 1RB

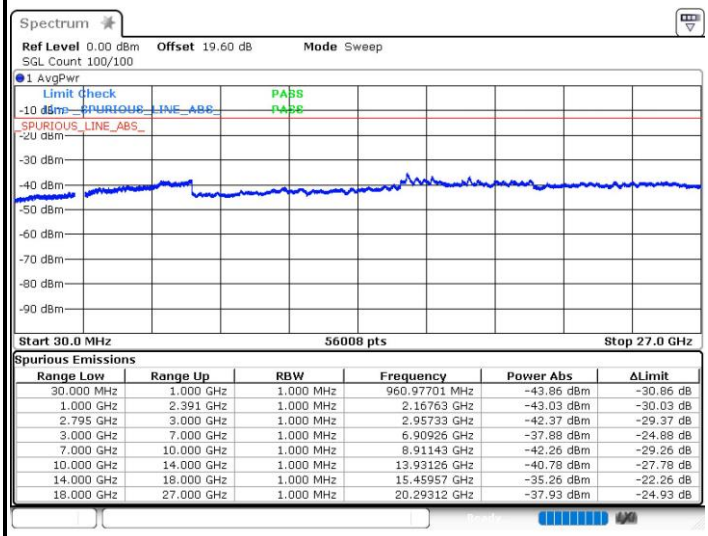


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	956.12944 MHz	-43.75 dBm	-30.75 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.18223 GHz	-42.93 dBm	-29.93 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.96921 GHz	-42.28 dBm	-29.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.91026 GHz	-37.68 dBm	-24.68 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.91193 GHz	-42.10 dBm	-29.10 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.92076 GHz	-40.70 dBm	-27.70 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.46807 GHz	-35.66 dBm	-22.66 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.90770 GHz	-37.96 dBm	-24.96 dB

Date: 12.JUN.2023 19:31:00

Highest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	960.97701 MHz	-43.86 dBm	-30.86 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.16763 GHz	-43.03 dBm	-30.03 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.95733 GHz	-42.37 dBm	-29.37 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.90926 GHz	-37.88 dBm	-24.88 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.91143 GHz	-42.26 dBm	-29.26 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.93126 GHz	-40.78 dBm	-27.78 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.45957 GHz	-35.26 dBm	-22.26 dB
18.000 GHz	27.000 GHz	1.000 MHz	20.29312 GHz	-37.93 dBm	-24.93 dB

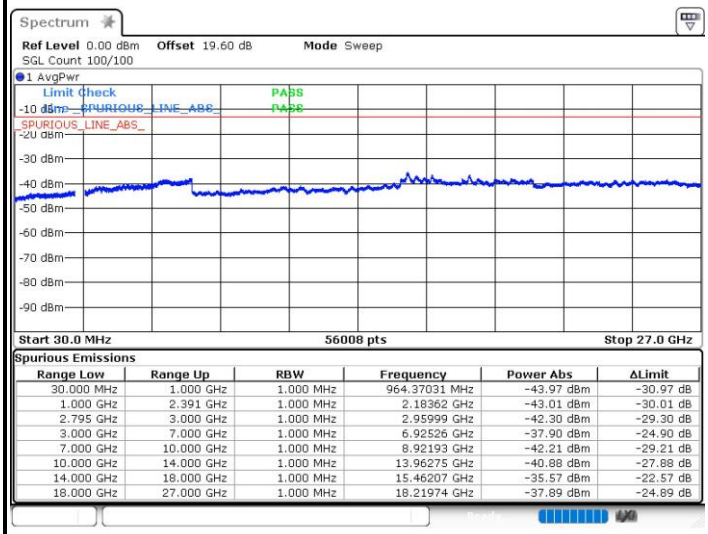
Date: 12.JUN.2023 19:29:07

NA

NA

FR1 N41AA / 50MHz+20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

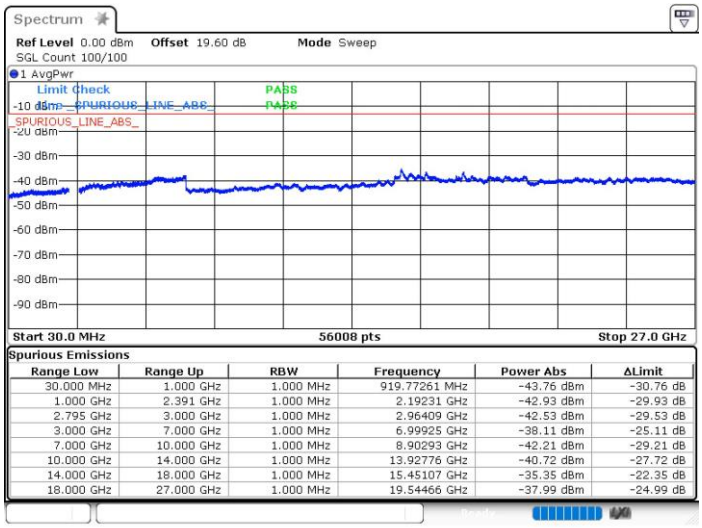


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	964.37031 MHz	-43.97 dBm	-30.97 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.18362 GHz	-43.01 dBm	-30.01 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.95999 GHz	-42.30 dBm	-29.30 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92526 GHz	-37.90 dBm	-24.90 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.92193 GHz	-42.21 dBm	-29.21 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.96275 GHz	-40.88 dBm	-27.88 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.46207 GHz	-35.57 dBm	-22.57 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.21974 GHz	-37.89 dBm	-24.89 dB

Date: 12.JUN.2023 19:33:45

Middle Channel / 1RB

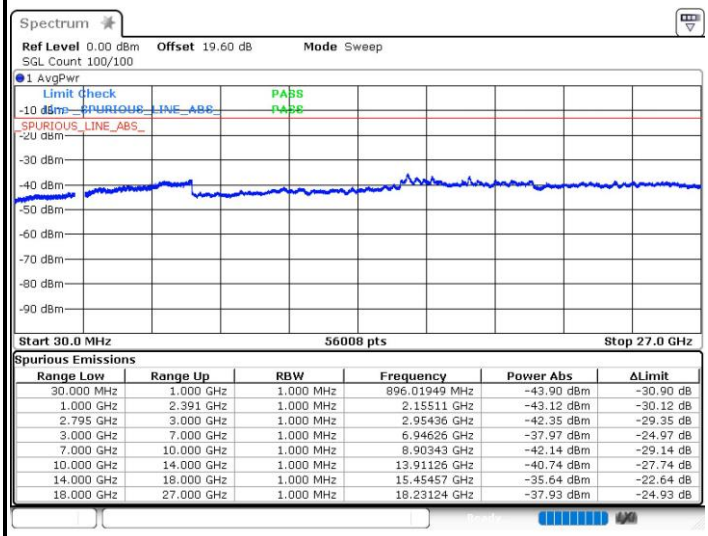


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.77261 MHz	-43.76 dBm	-30.76 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.19231 GHz	-42.93 dBm	-29.93 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.96409 GHz	-42.53 dBm	-29.53 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99925 GHz	-38.11 dBm	-25.11 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.90293 GHz	-42.21 dBm	-29.21 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.92776 GHz	-40.72 dBm	-27.72 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.45107 GHz	-35.35 dBm	-22.35 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.54466 GHz	-37.99 dBm	-24.99 dB

Date: 12.JUN.2023 19:31:58

Highest Channel / 1RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	896.01949 MHz	-43.90 dBm	-30.90 dB
1.000 GHz	2.391 GHz	1.000 MHz	2.15511 GHz	-43.12 dBm	-30.12 dB
2.795 GHz	3.000 GHz	1.000 MHz	2.95436 GHz	-42.35 dBm	-29.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.94626 GHz	-37.97 dBm	-24.97 dB
7.000 GHz	10.000 GHz	1.000 MHz	8.90343 GHz	-42.14 dBm	-29.14 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.91126 GHz	-40.74 dBm	-27.74 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.45457 GHz	-35.64 dBm	-22.64 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.23124 GHz	-37.93 dBm	-24.93 dB

Date: 12.JUN.2023 19:27:54

NA

NA

Frequency Stability

Test Conditions		NR n41AA (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz+20MHz	Within Band
		Deviation (ppm)	Result
50	Normal Voltage	0.0055	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0074	
20(Ref.)	Normal Voltage	0.0052	
10	Normal Voltage	0.0036	
0	Normal Voltage	0.0052	
-10	Normal Voltage	0.0036	
-20	Normal Voltage	0.0082	
-30	Normal Voltage	0.0038	
20	Maximum Voltage	0.0065	
20	Normal Voltage	0.0045	
20	Minimum Voltage	0.0057	

Note:

1. Normal Voltage =54 V. ; Minimum Voltage =48 V. ; Maximum Voltage =57 V.
2. The frequency fundamental emissions stay within the authorized frequency block.