

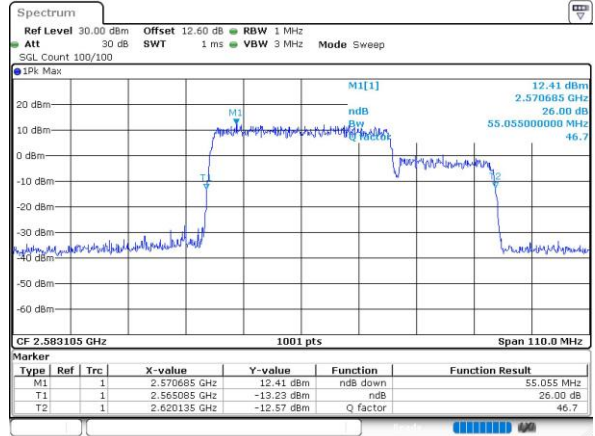
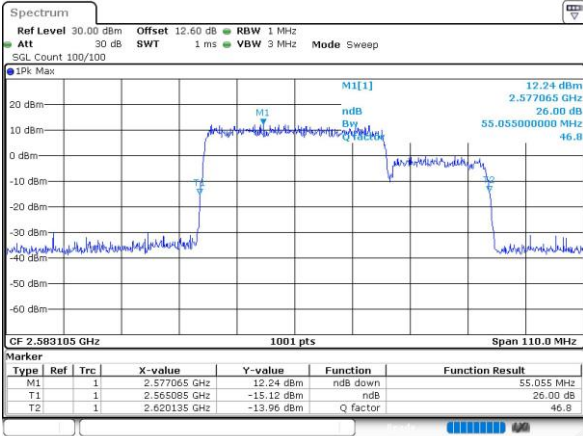
FR1 N41AA / 35MHz+20MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel



Date: 12 JUN 2023 23:09:43

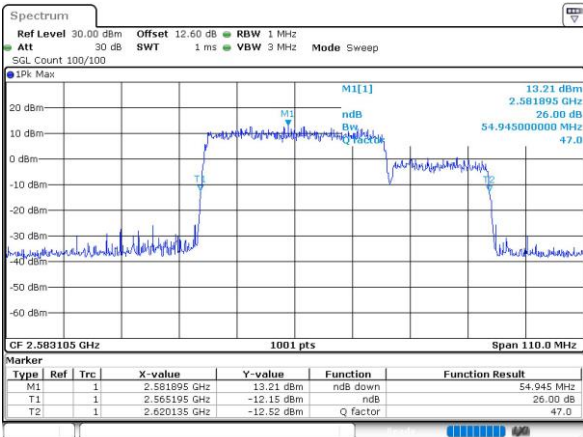
Date: 12 JUN 2023 23:09:25

64QAM

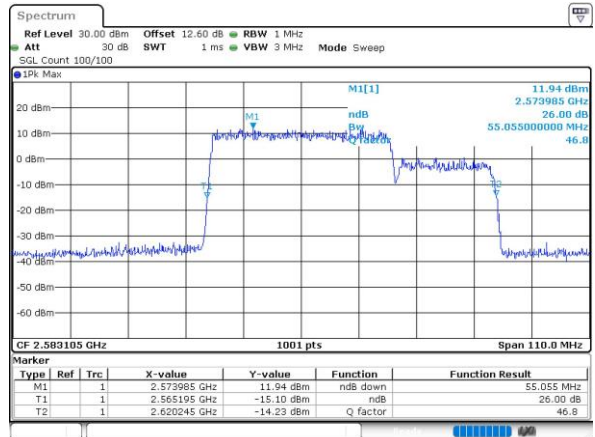
256QAM

Middle Channel

Middle Channel



Date: 12 JUN 2023 23:09:14



Date: 12 JUN 2023 23:09:00

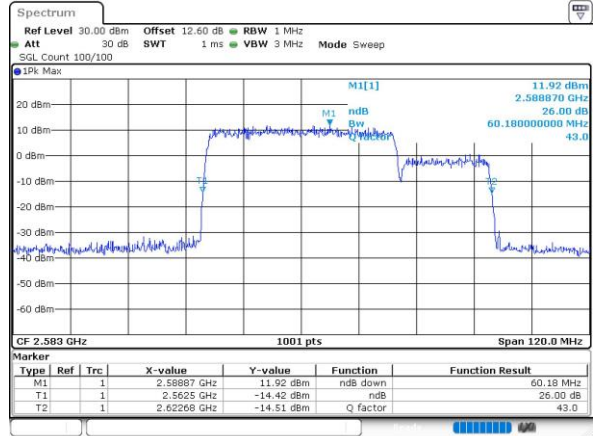
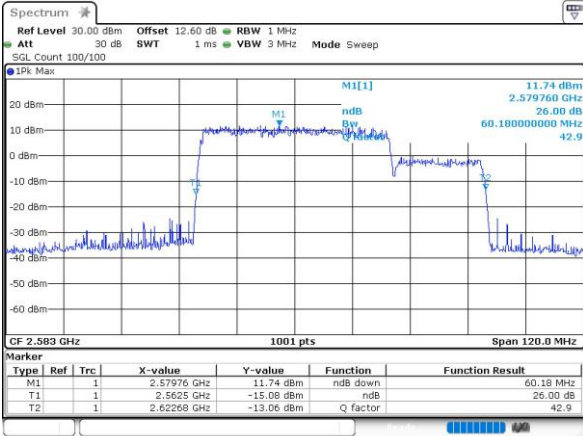
FR1 N41AA / 40MHz+20MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel



Date: 12 JUN 2023 23:47:59

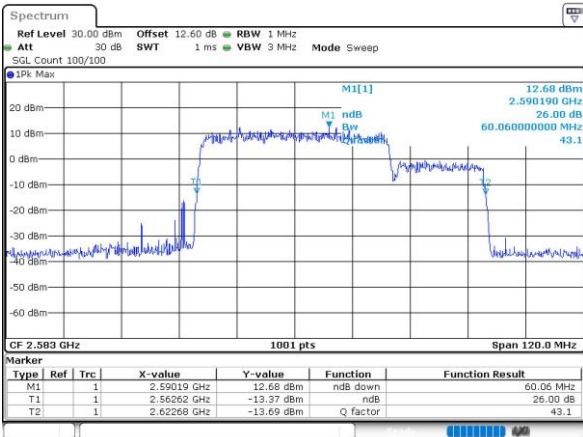
Date: 12 JUN 2023 23:48:16

64QAM

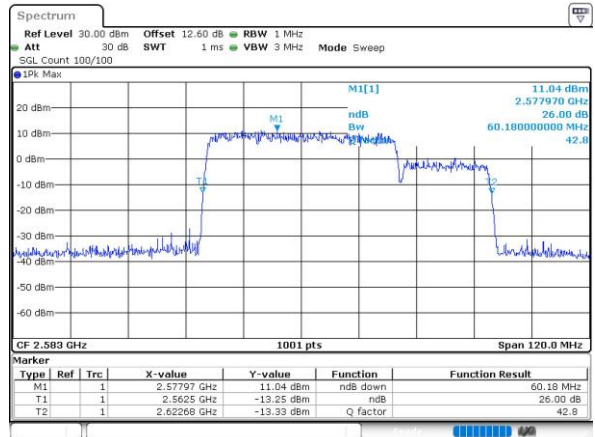
256QAM

Middle Channel

Middle Channel



Date: 12 JUN 2023 23:48:39



Date: 12 JUN 2023 23:48:53

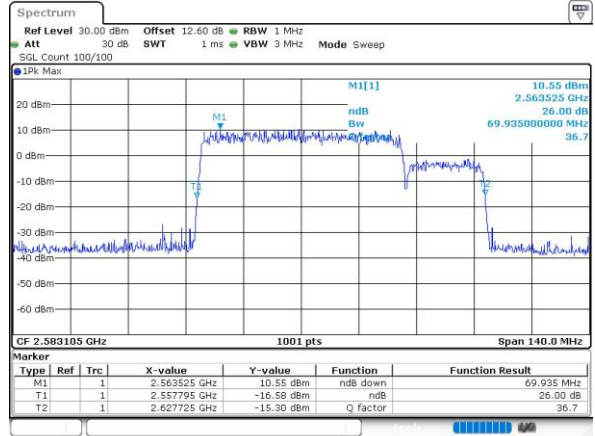
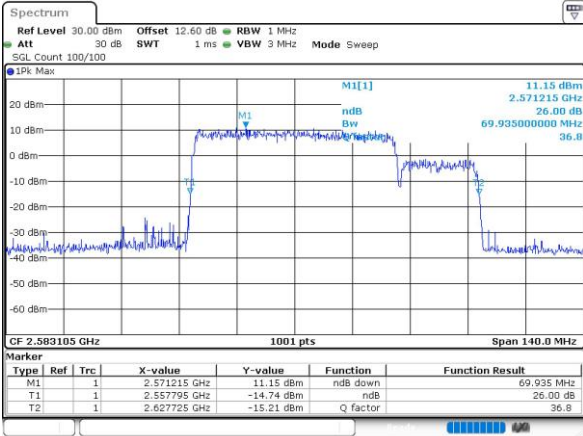
FR1 N41AA / 50MHz+20MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel



Date: 12 JUN 2023 23:52:10

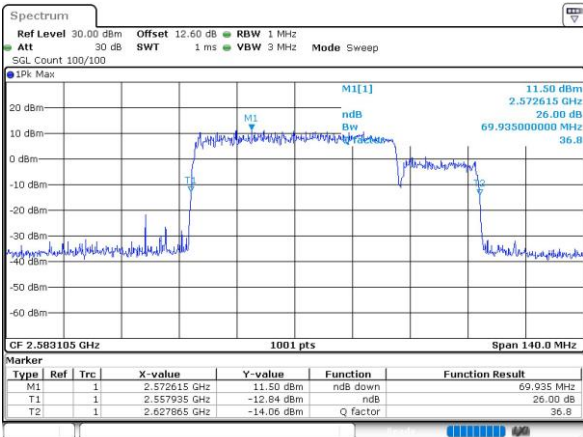
Date: 12 JUN 2023 23:51:10

64QAM

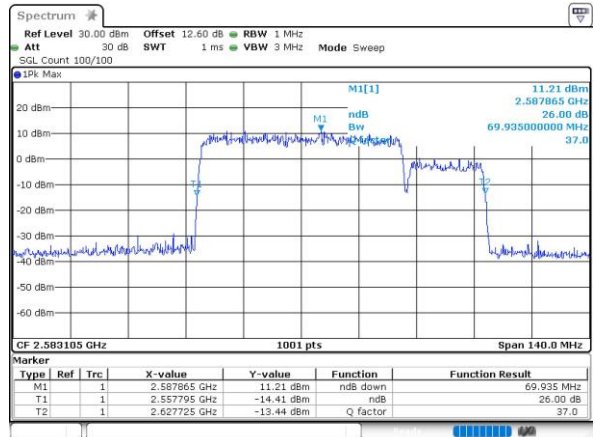
256QAM

Middle Channel

Middle Channel



Date: 12 JUN 2023 23:50:56



Date: 12 JUN 2023 23:50:42

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

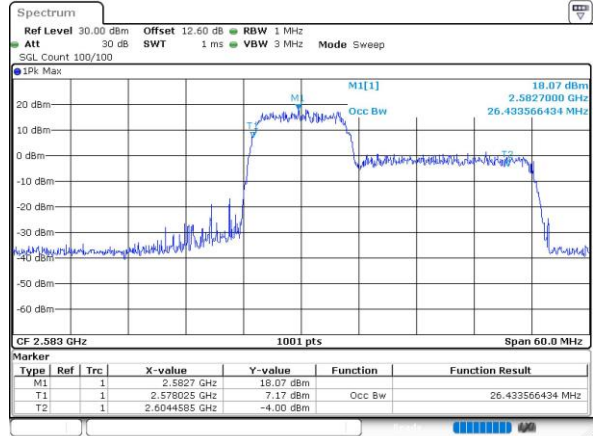
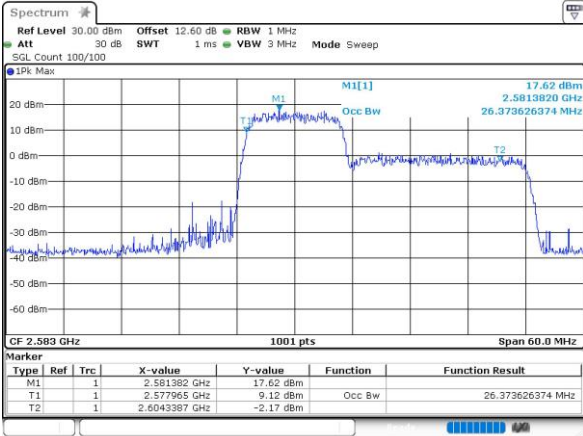
FR1 N41AA / 10MHz+20MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel



Date: 12_JUN_2023 23:56:09

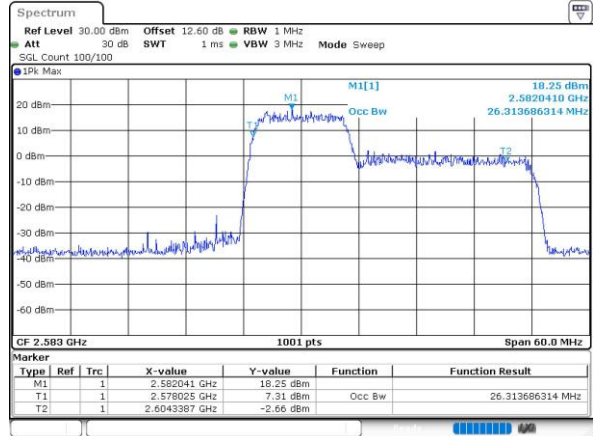
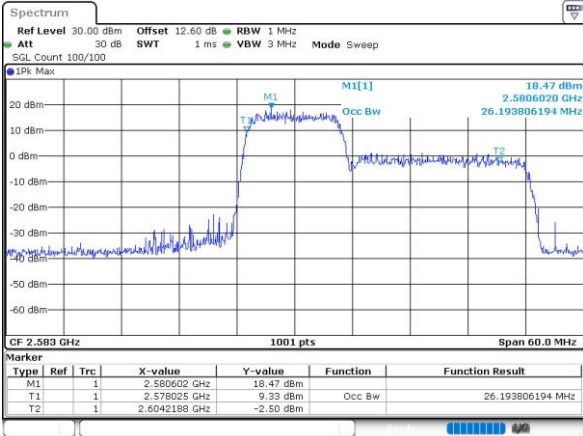
Date: 12_JUN_2023 23:56:25

64QAM

256QAM

Middle Channel

Middle Channel



Date: 12_JUN_2023 23:56:44

Date: 12_JUN_2023 23:56:56

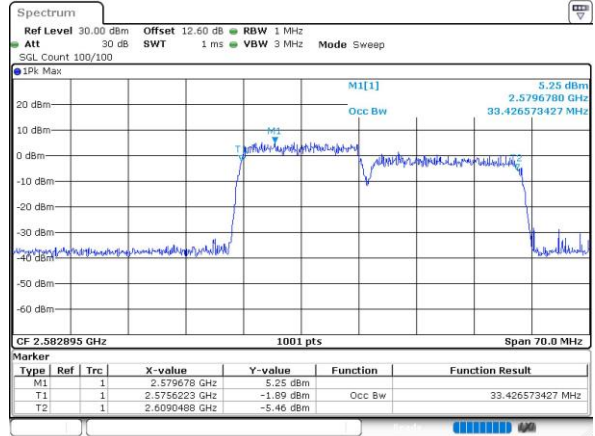
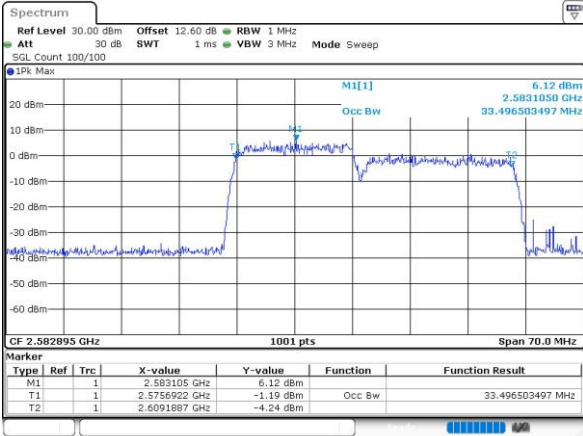
FR1 N41AA / 15MHz+20MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel



Date: 12 JUN 2023 23:59:22

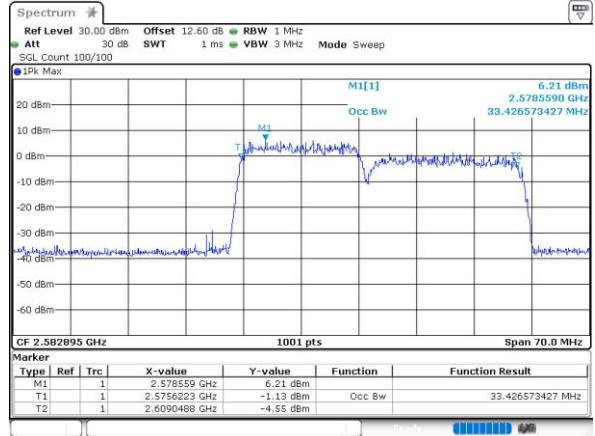
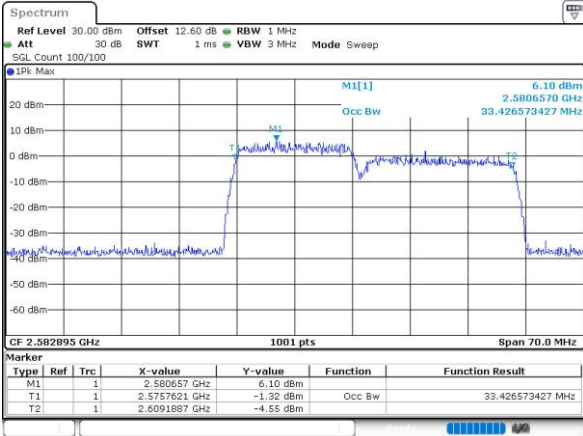
Date: 12 JUN 2023 23:59:10

64QAM

256QAM

Middle Channel

Middle Channel



Date: 12 JUN 2023 23:58:46

Date: 12 JUN 2023 23:58:32

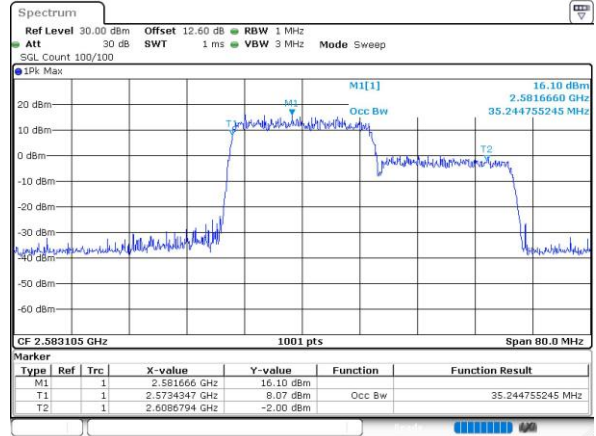
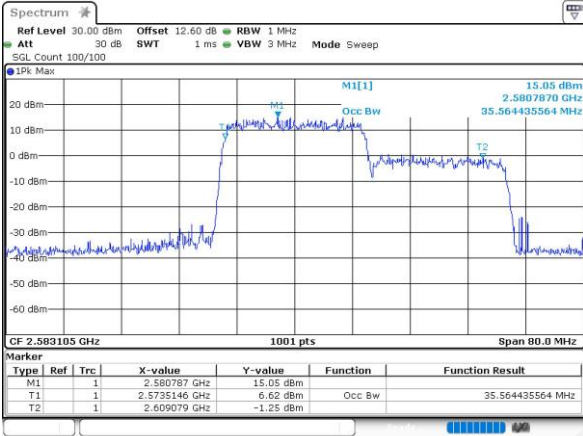
FR1 N41AA / 20MHz+20MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel



Date: 13 JUN 2023 00:00:48

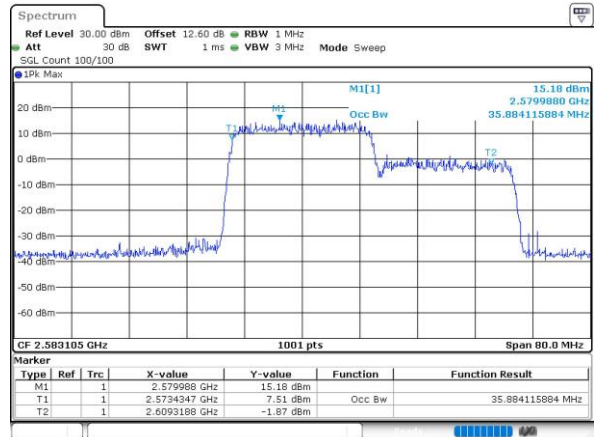
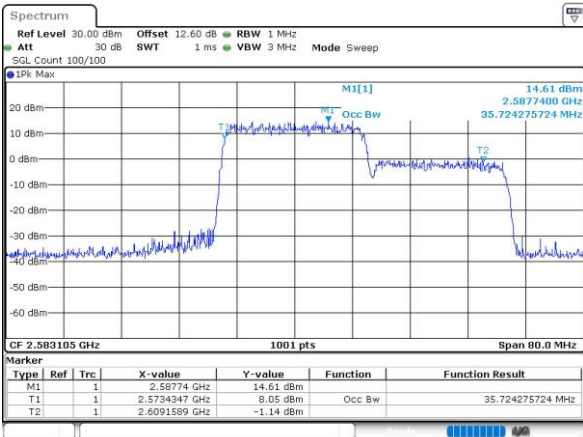
Date: 13 JUN 2023 00:01:06

64QAM

256QAM

Middle Channel

Middle Channel



Date: 13 JUN 2023 00:01:16

Date: 13 JUN 2023 00:01:30

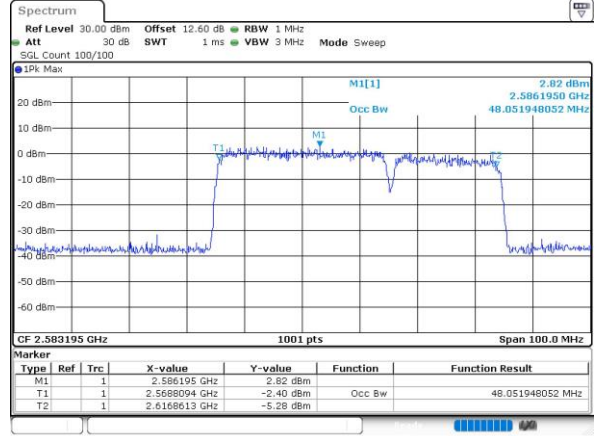
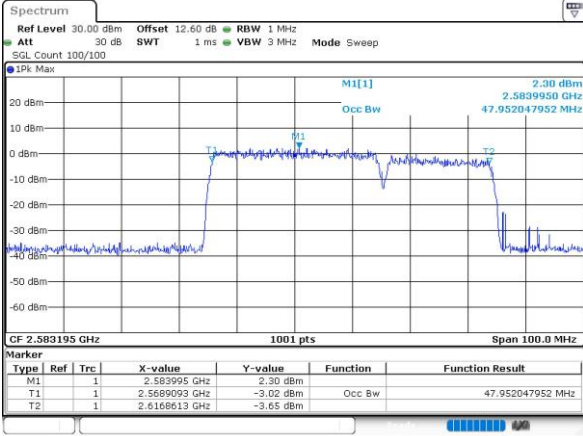
FR1 N41AA / 30MHz+20MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel



Date: 13 JUN 2023 00:03:41

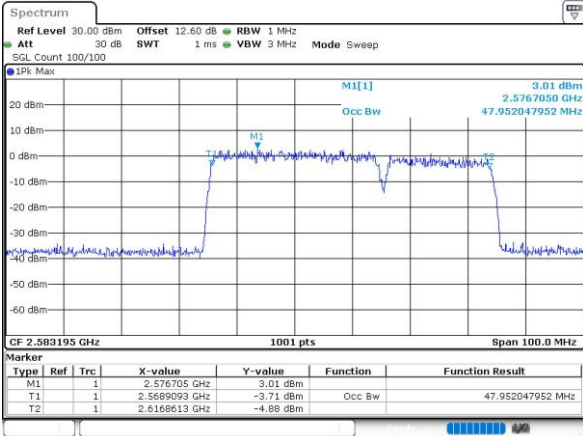
Date: 13 JUN 2023 00:03:28

64QAM

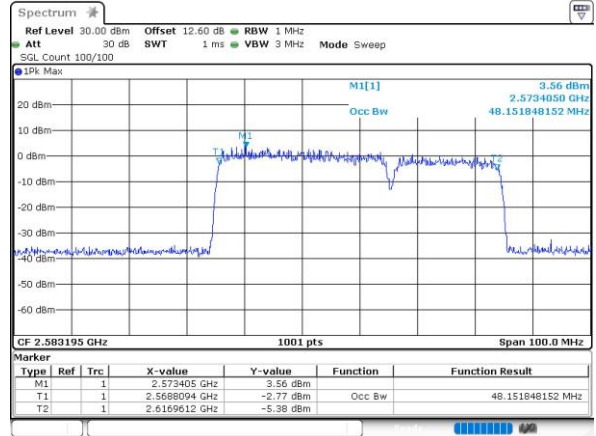
256QAM

Middle Channel

Middle Channel



Date: 13 JUN 2023 00:03:13



Date: 13 JUN 2023 00:03:02

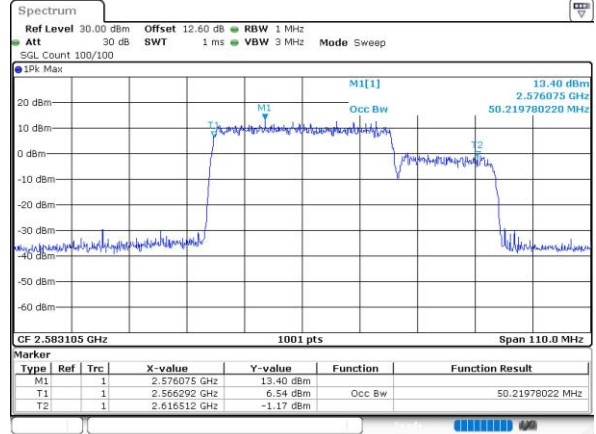
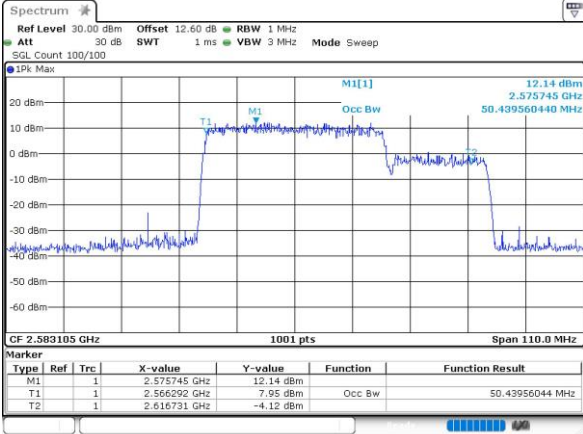
FR1 N41AA / 35MHz+20MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel

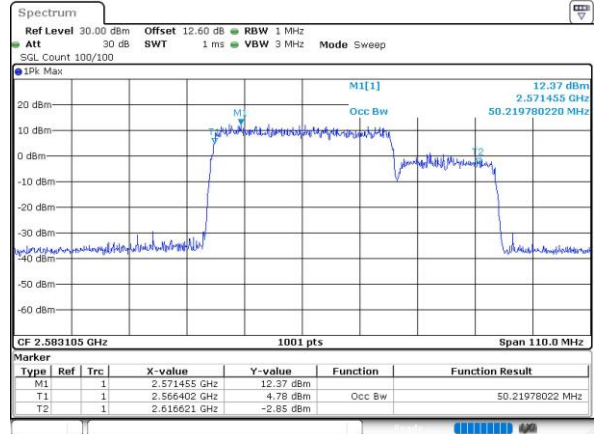
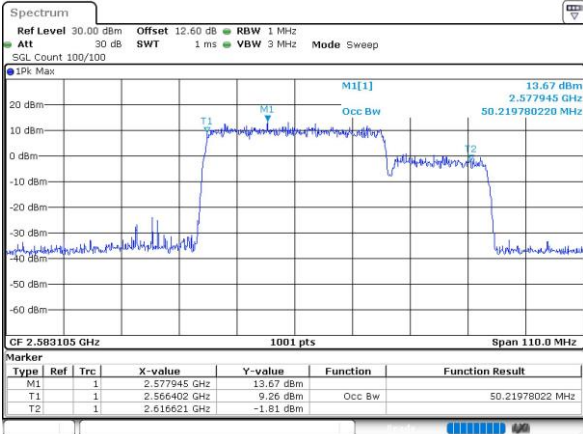


64QAM

256QAM

Middle Channel

Middle Channel



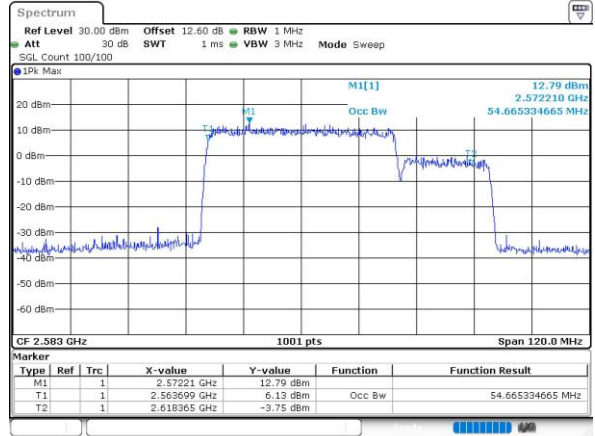
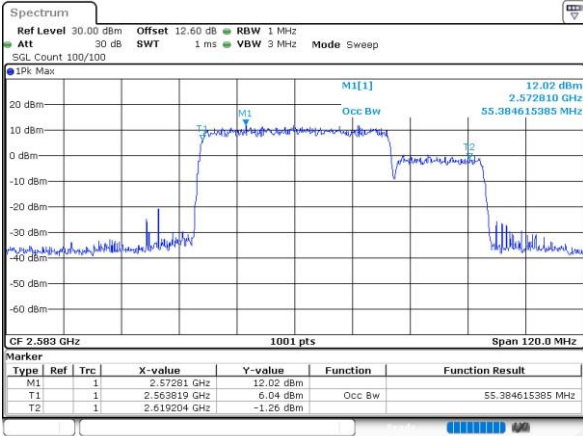
FR1 N41AA / 40MHz+20MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel



Date: 13_JUN_2023 00:09:42

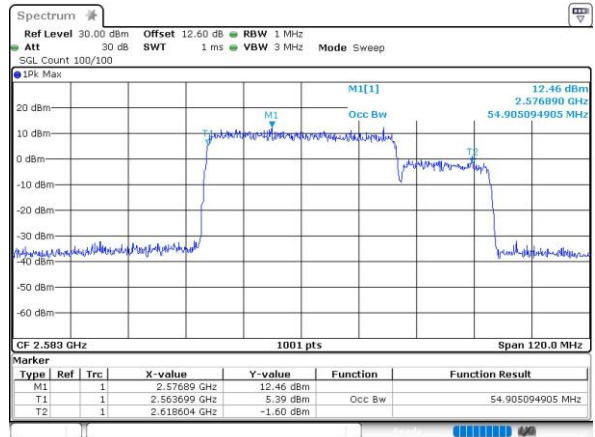
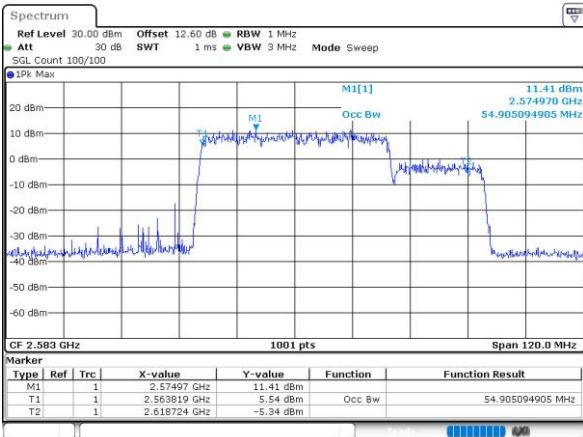
Date: 13_JUN_2023 00:09:16

64QAM

256QAM

Middle Channel

Middle Channel



Date: 13_JUN_2023 00:08:58

Date: 13_JUN_2023 00:08:37

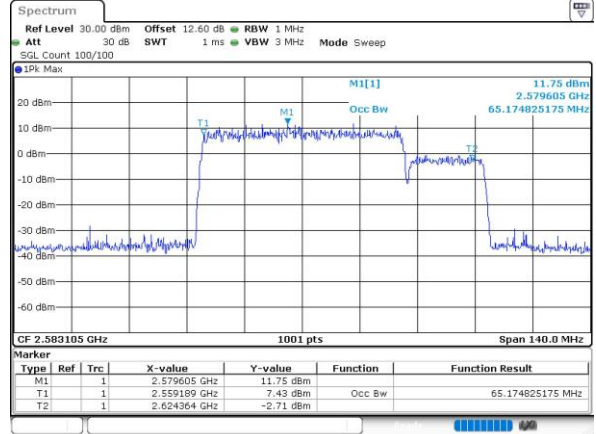
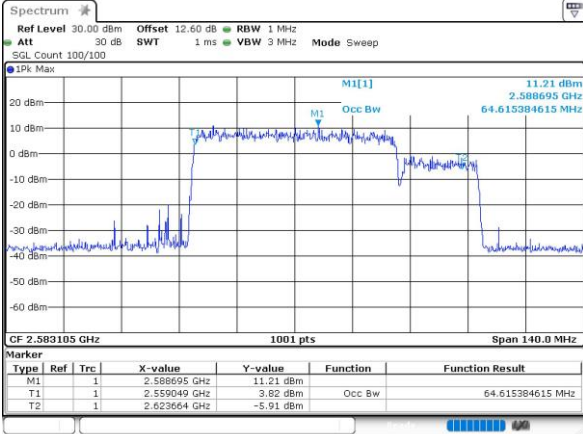
FR1 N41AA / 50MHz+20MHz / CP-OFDM

QPSK

16QAM

Middle Channel

Middle Channel

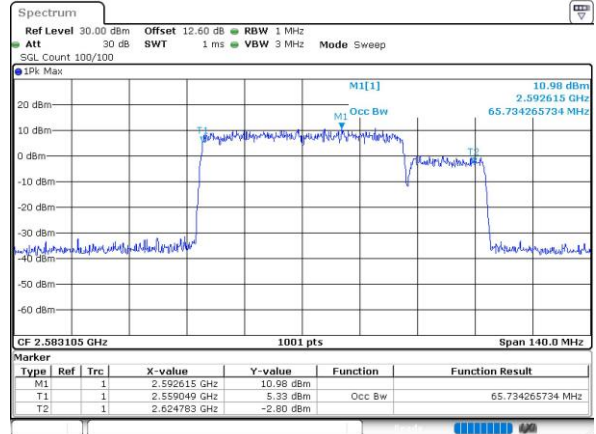
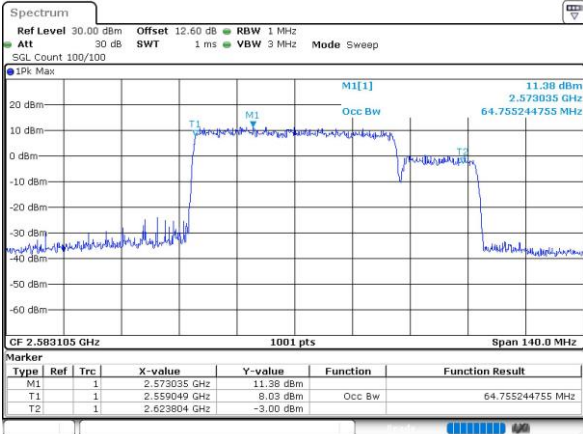


64QAM

256QAM

Middle Channel

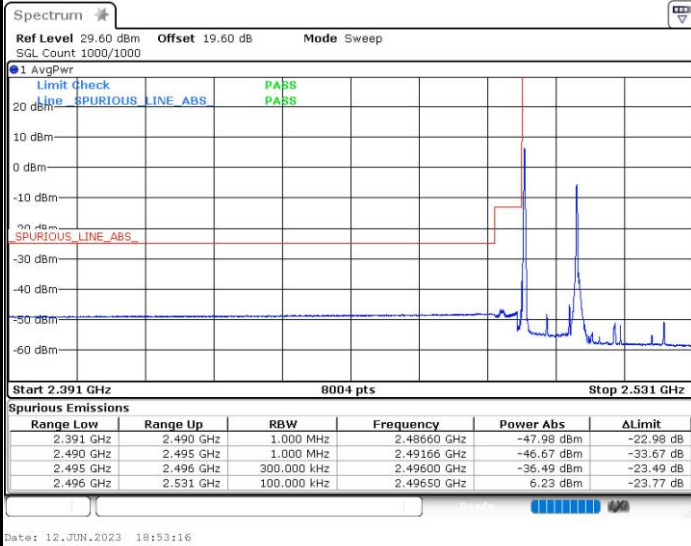
Middle Channel



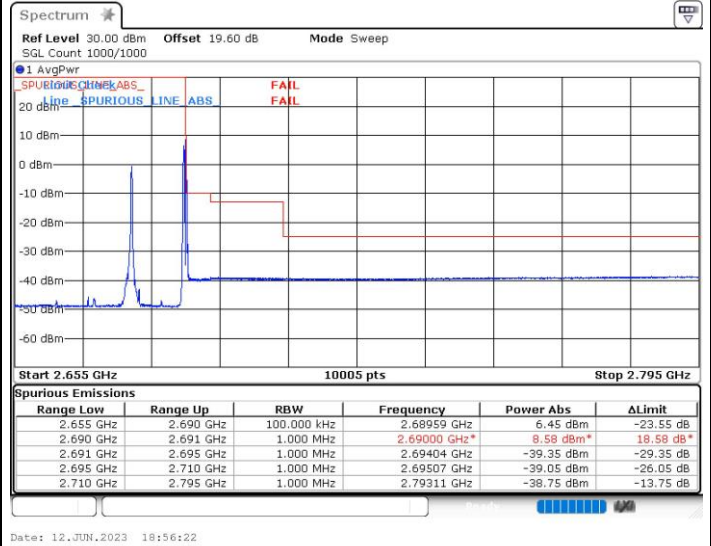
Conducted Band Edge

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

Lowest Band Edge / 1 RB



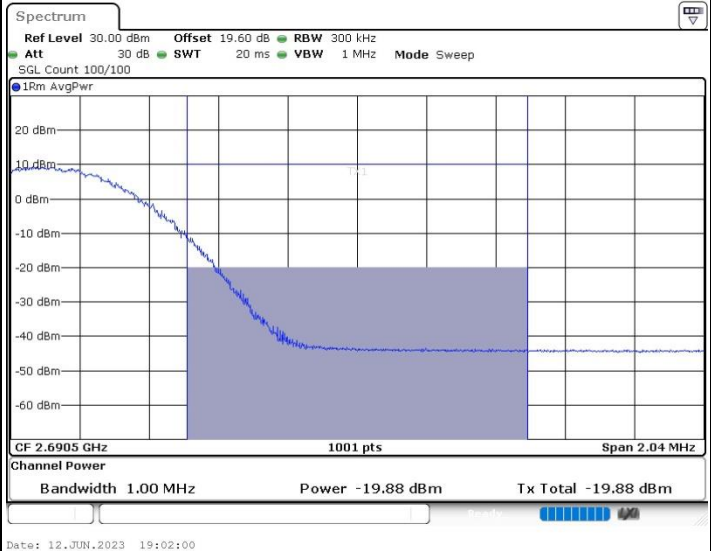
Highest Band Edge / 1 RB



Channel Power < -13dBm Pass

NA

Channel Power < -13dBm Pass



Lowest Band Edge / Full RB



Date: 12 JUN 2023 18:51:49

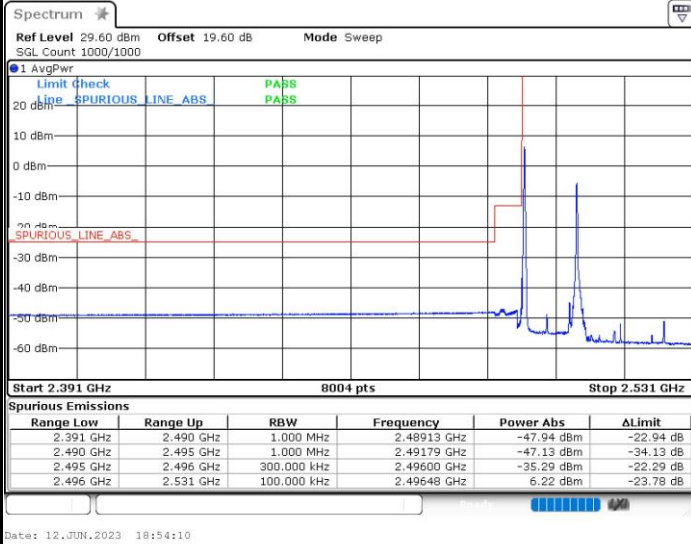
Highest Band Edge / Full RB



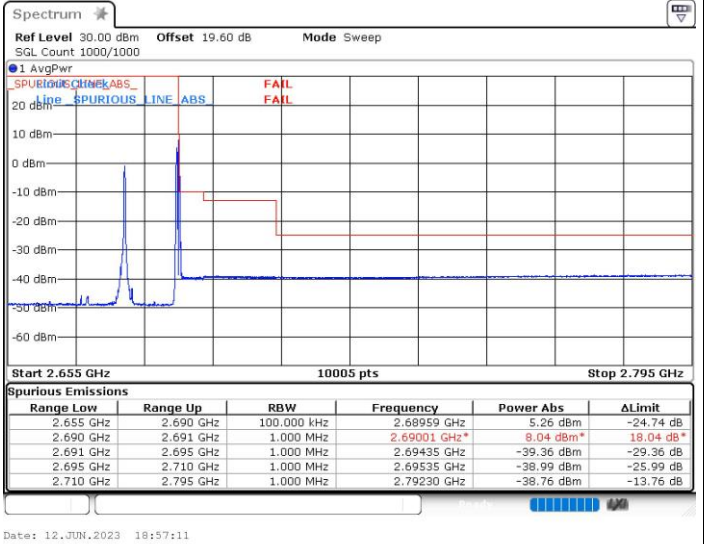
Date: 12 JUN 2023 19:03:53

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

Lowest Band Edge / 1 RB



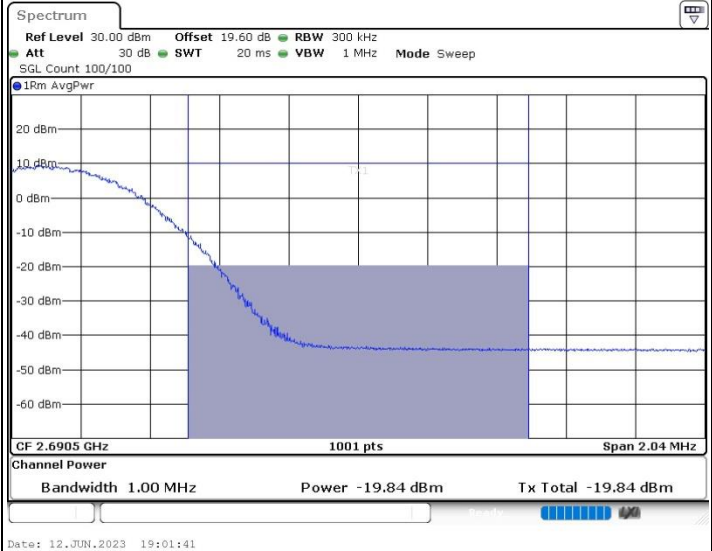
Highest Band Edge / 1 RB



Channel Power < -13dBm Pass

NA

Channel Power < -13dBm Pass



Lowest Band Edge / Full RB



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

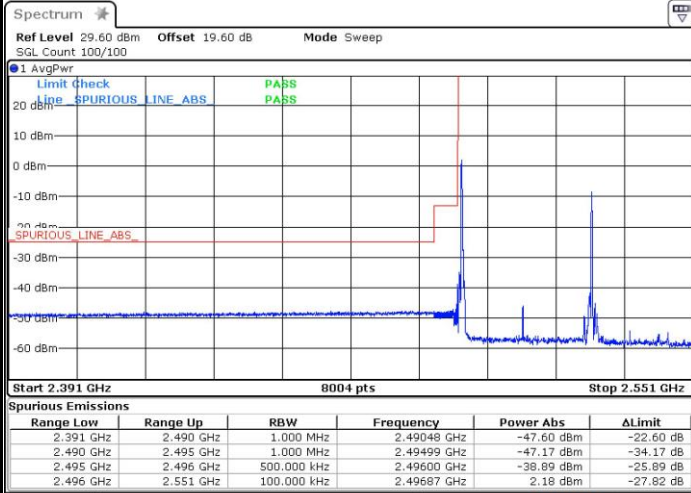
Highest Band Edge / Full RB



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

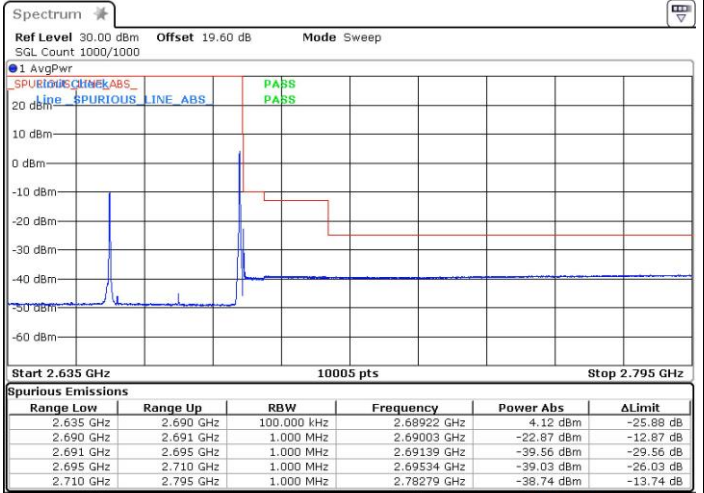
FR1 N41AA / 30MHz+20MHz / DFT-S OFDM BPSK

Lowest Band Edge / 1 RB



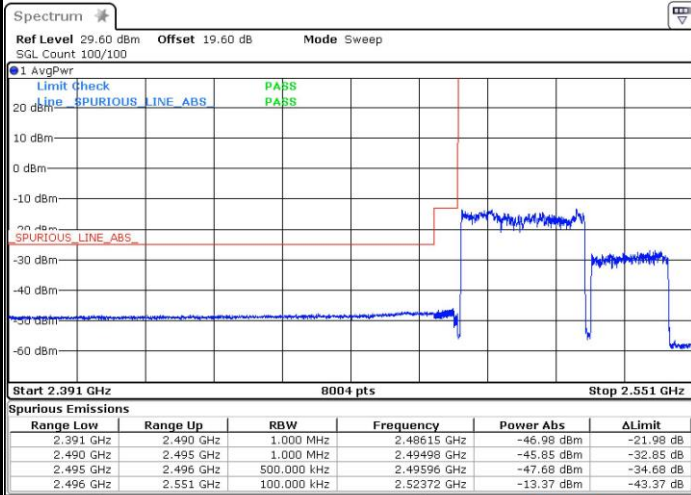
Date: 12. JUN. 2023 19:17:08

Highest Band Edge / 1 RB



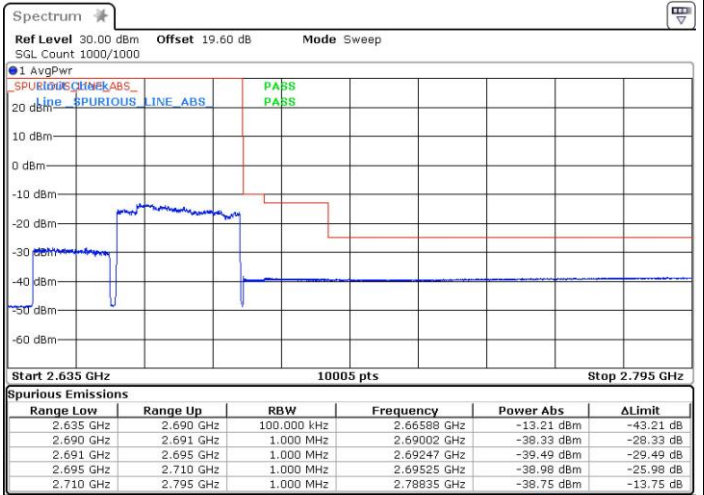
Date: 12. JUN. 2023 19:11:51

Lowest Band Edge / Full RB



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

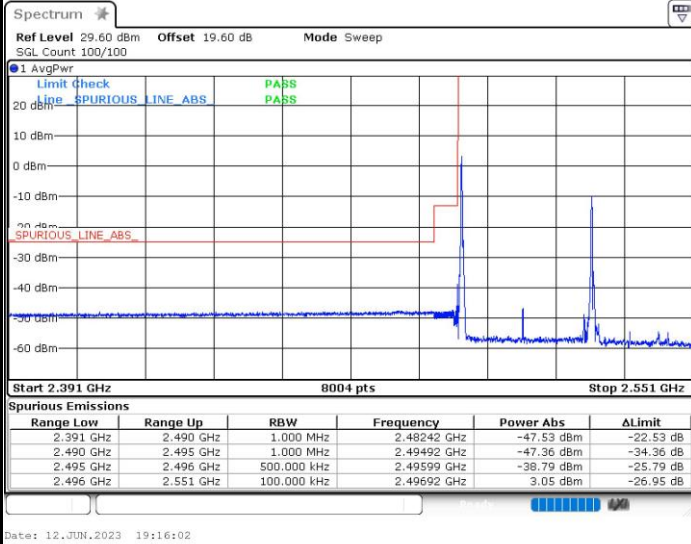
Highest Band Edge / Full RB



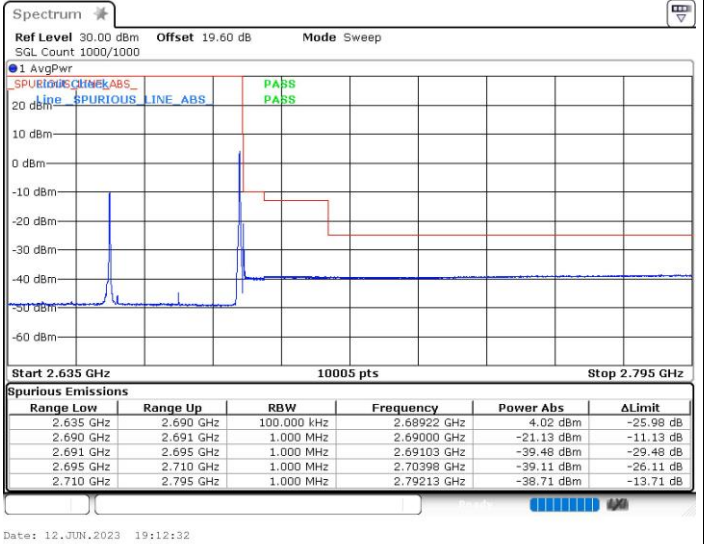
Date: 12. JUN. 2023 19:08:17

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

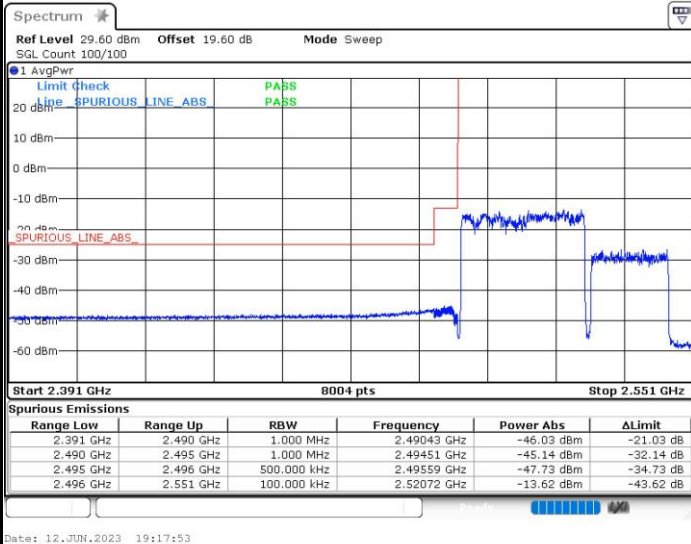
Lowest Band Edge / 1 RB



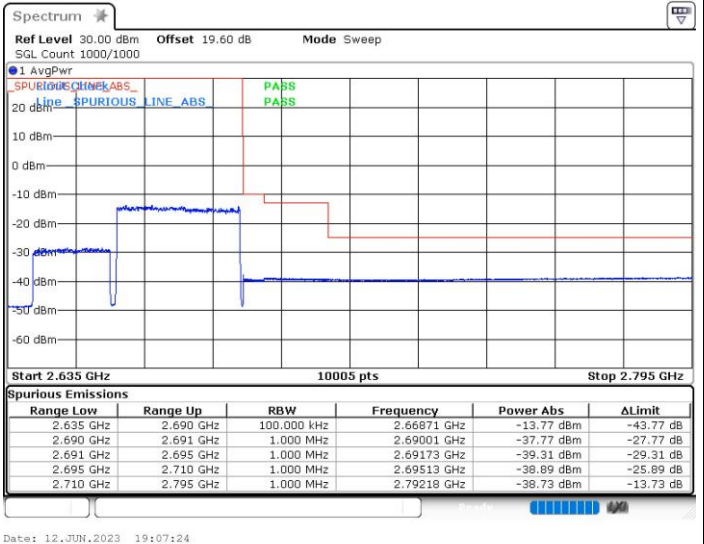
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

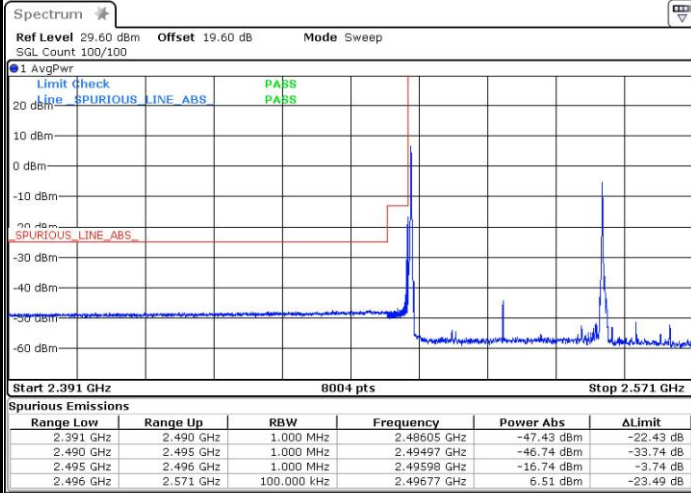


Highest Band Edge / Full RB



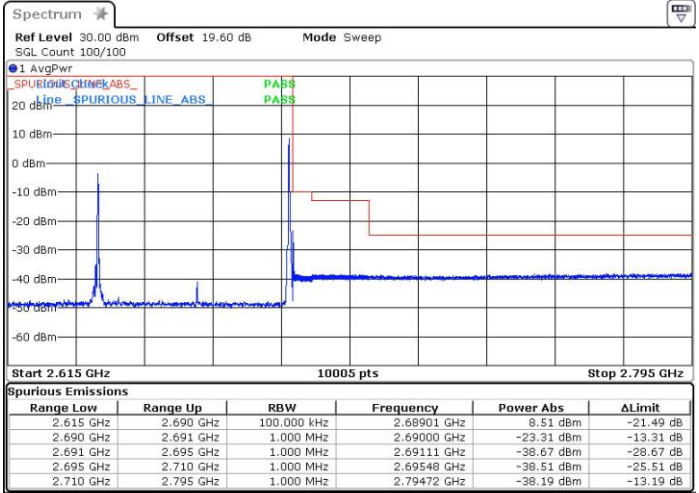
FR1 N41AA / 50MHz+20MHz / DFT-S OFDM BPSK

Lowest Band Edge / 1 RB



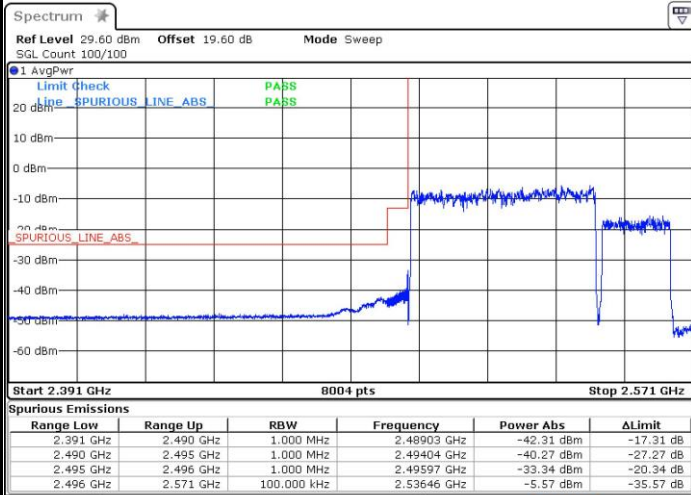
Date: 12. JUN. 2023 19:20:38

Highest Band Edge / 1 RB



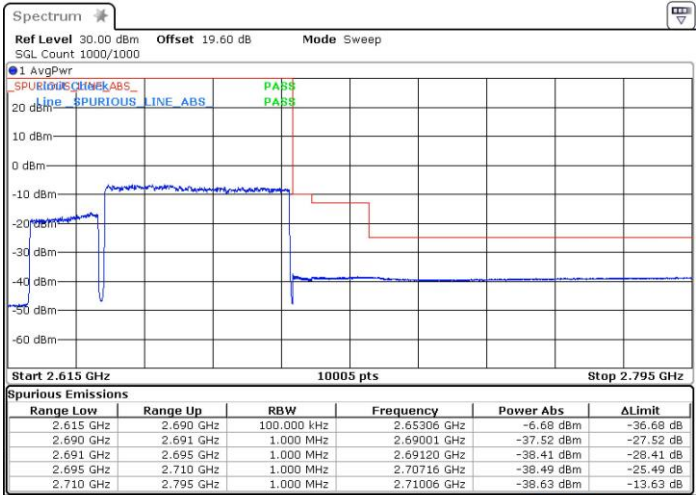
Date: 12. JUN. 2023 19:24:16

Lowest Band Edge / Full RB



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

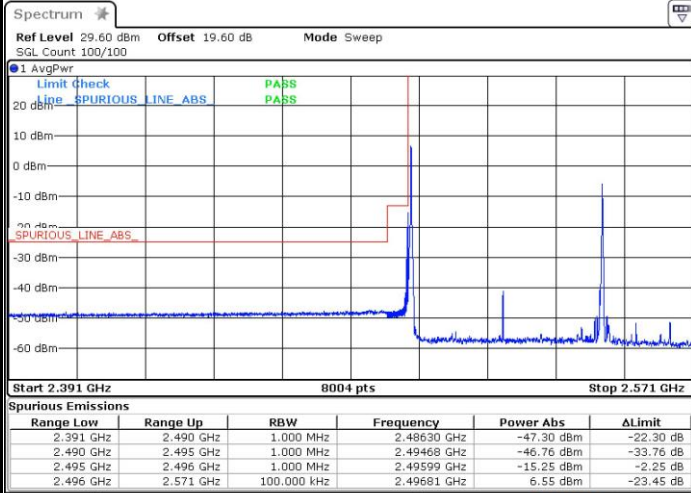
Highest Band Edge / Full RB



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

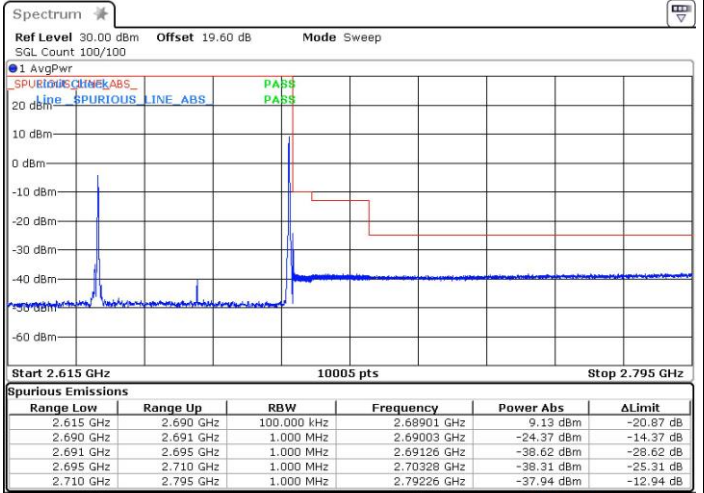
FR1 N41AA / 50MHz+20MHz / DFT-S OFDM QPSK

Lowest Band Edge / 1 RB



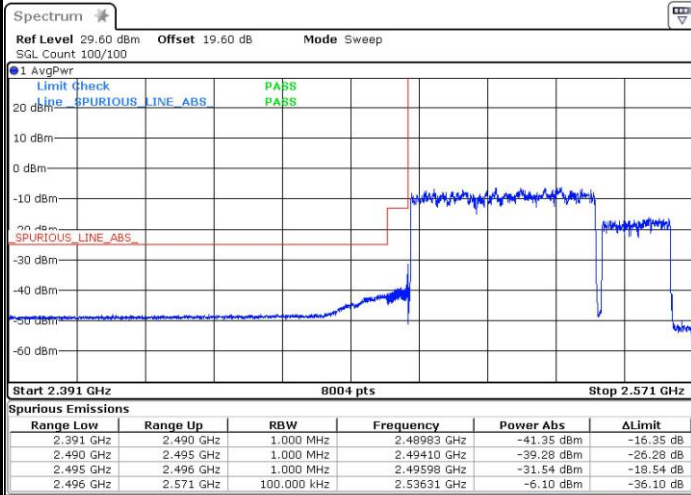
Date: 12. JUN. 2023 19:20:53

Highest Band Edge / 1 RB



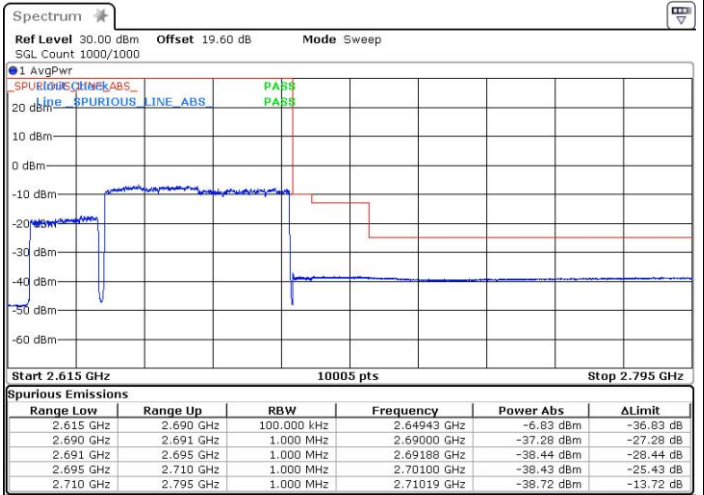
Date: 12. JUN. 2023 19:22:18

Lowest Band Edge / Full RB



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

Highest Band Edge / Full RB



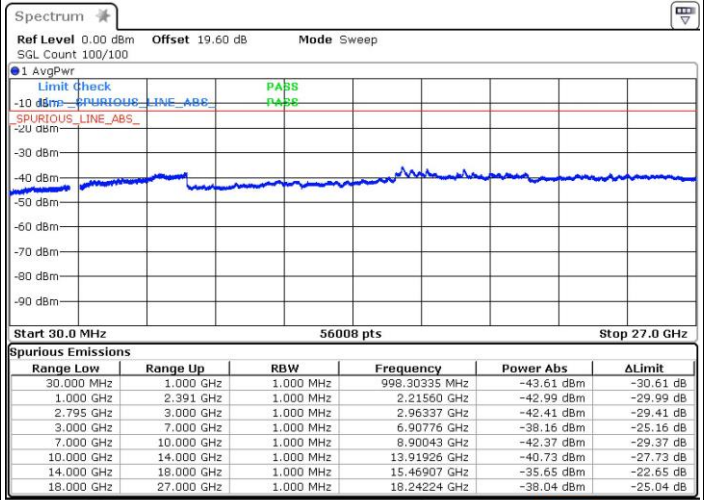
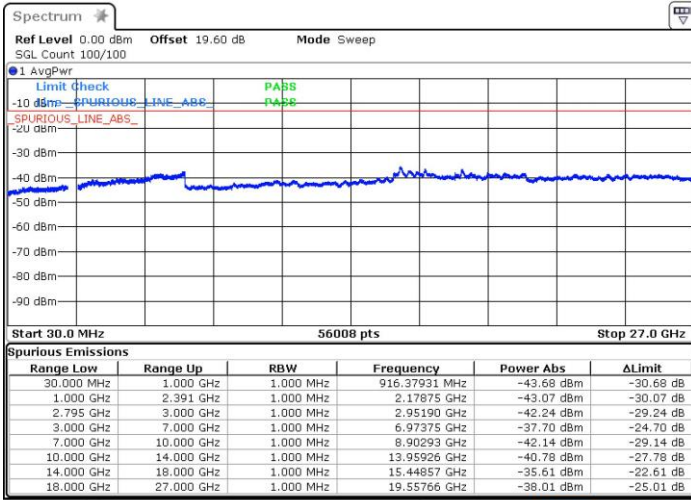
Date: 12. JUN. 2023 19:26:15

Conducted Spurious Emission

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

Lowest Channel / 1RB

Middle Channel / 1RB

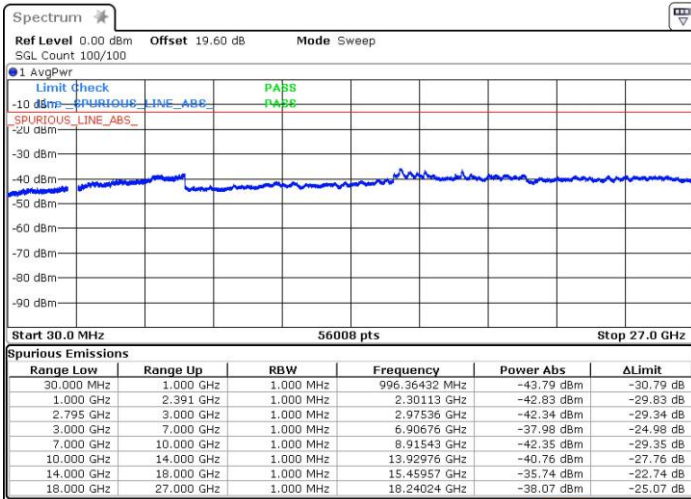


Date: 12.JUN.2023 19:59:54

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

Highest Channel / 1RB

NA



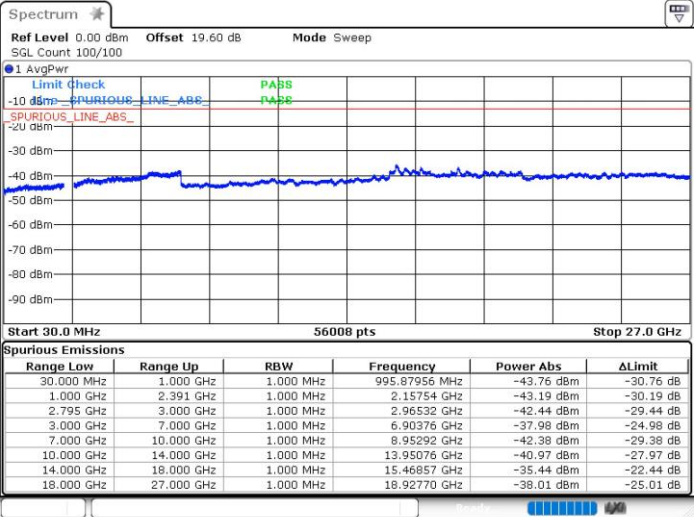
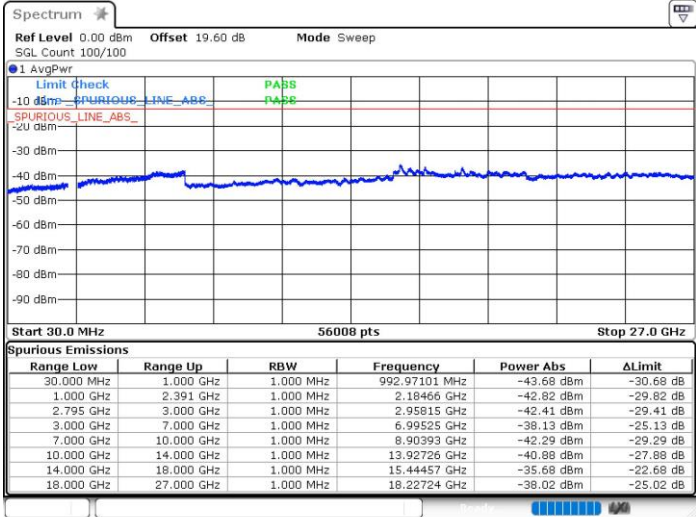
Date: 12.JUN.2023 19:54:15

NA

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

Lowest Channel / 1RB

Middle Channel / 1RB

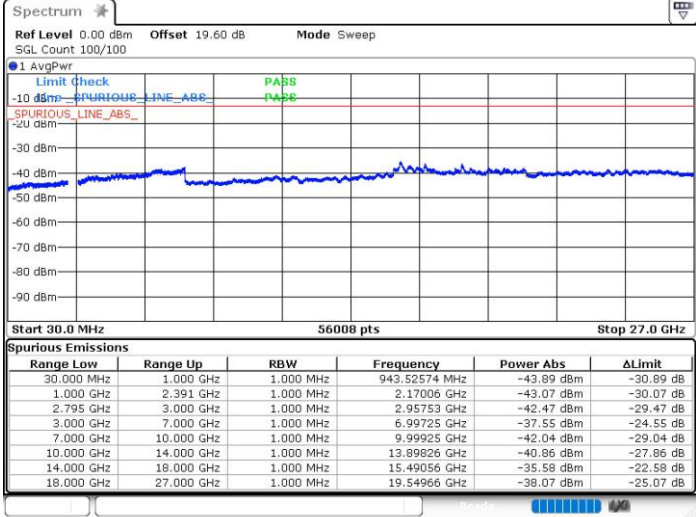


Date: 12.JUN.2023 19:58:59

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

Highest Channel / 1RB

NA



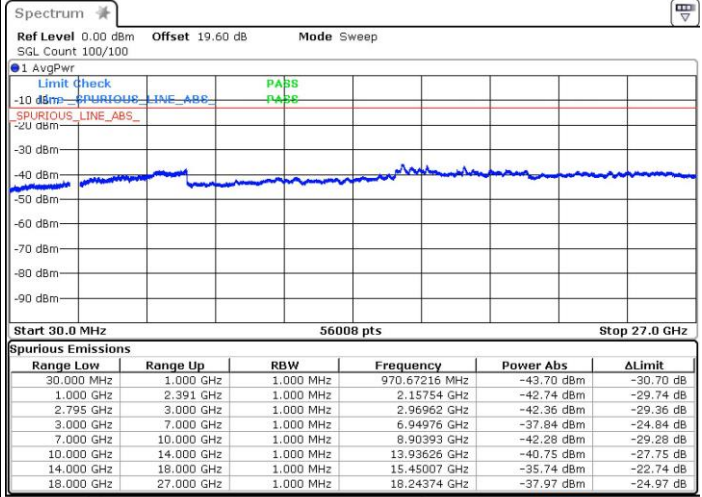
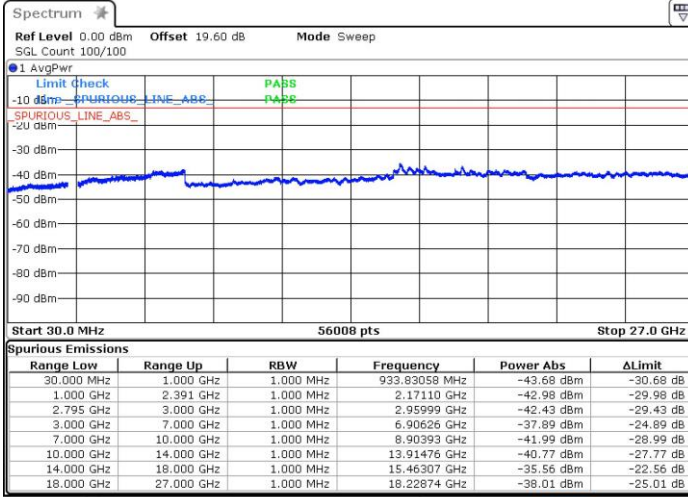
Date: 12.JUN.2023 19:52:33

NA

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

Lowest Channel / 1RB

Middle Channel / 1RB

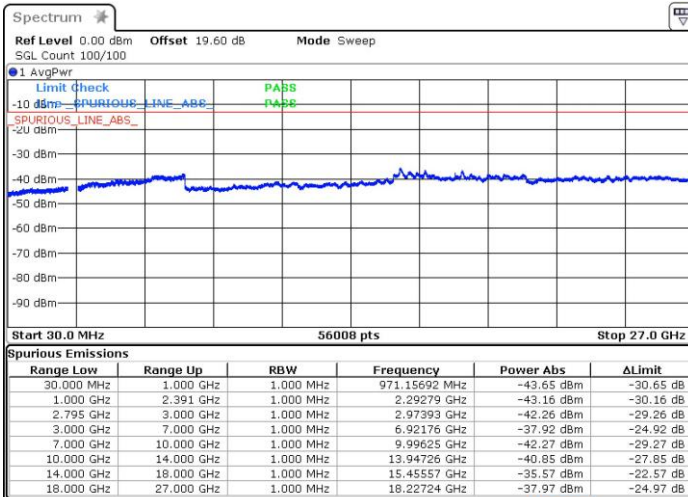


Date: 12.JUN.2023 19:38:45

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

Highest Channel / 1RB

NA



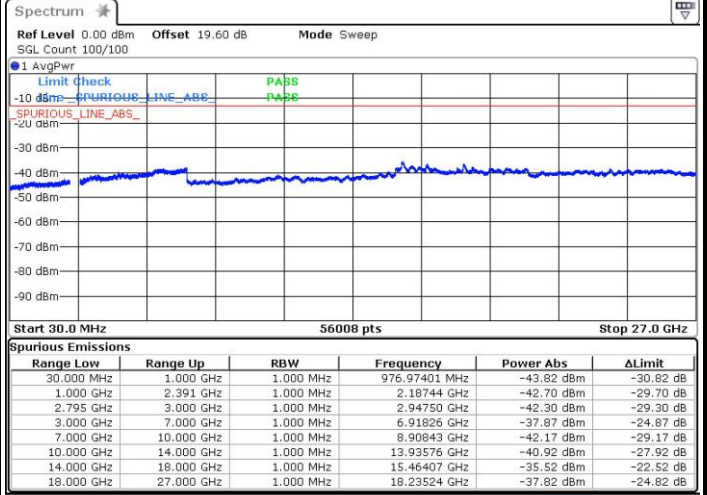
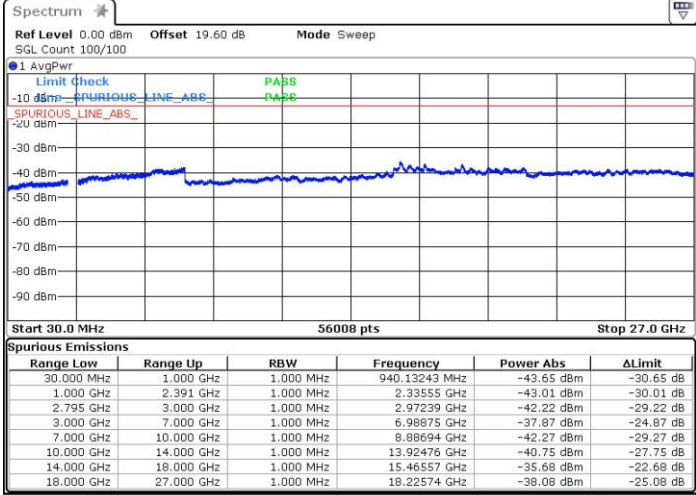
Date: 12.JUN.2023 19:48:39

NA

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

Lowest Channel / 1RB

Middle Channel / 1RB

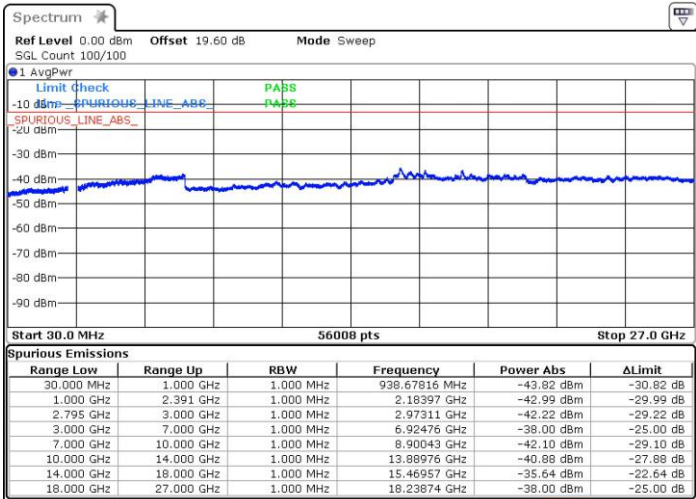


Date: 12.JUN.2023 19:39:42

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

Highest Channel / 1RB

NA



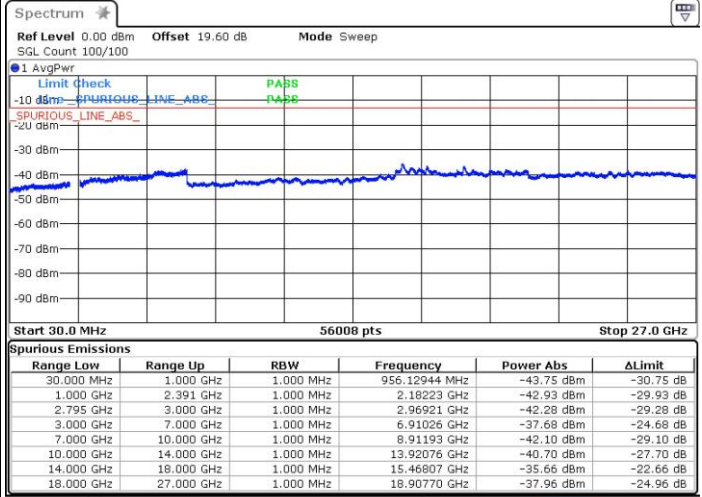
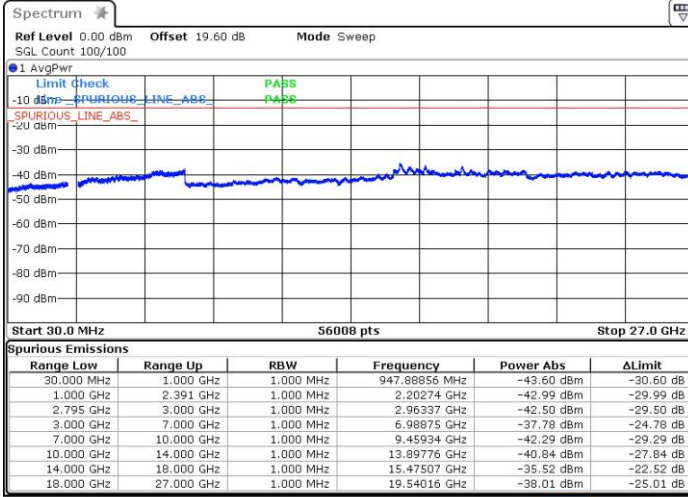
Date: 12.JUN.2023 19:49:51

NA

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

Lowest Channel / 1RB

Middle Channel / 1RB

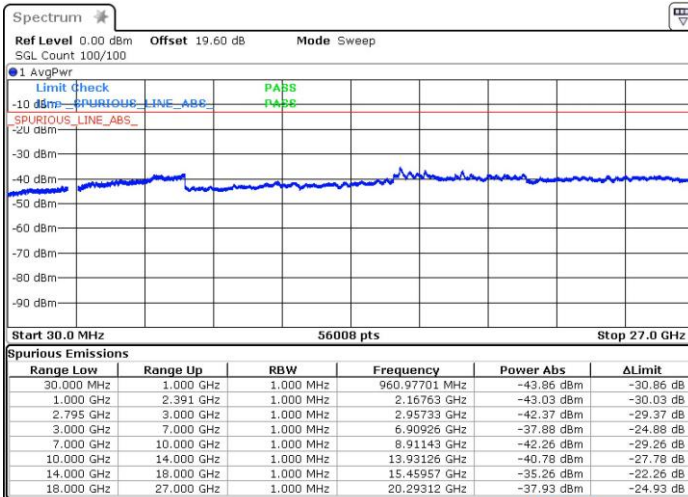


Date: 12.JUN.2023 19:34:40

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

Highest Channel / 1RB

NA



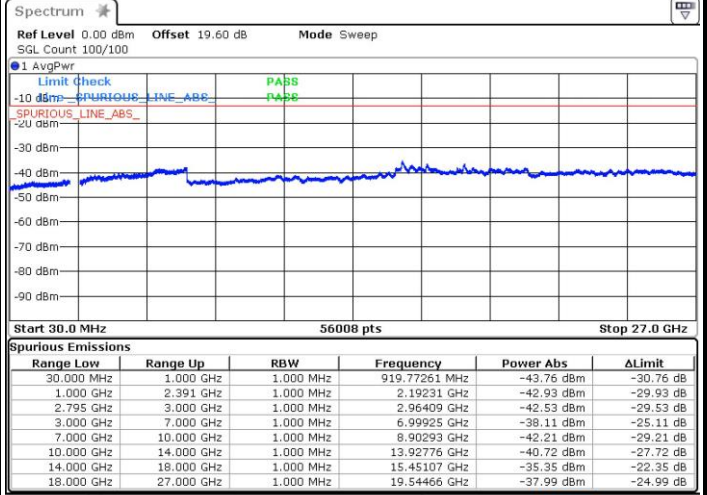
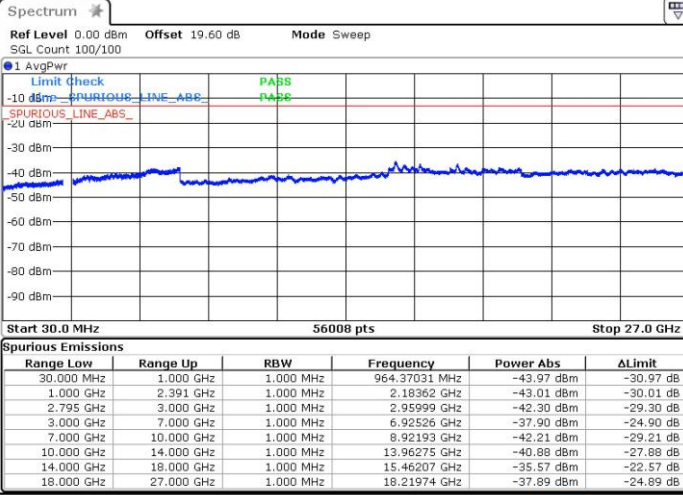
Date: 12.JUN.2023 19:29:07

NA

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

Lowest Channel / 1RB

Middle Channel / 1RB

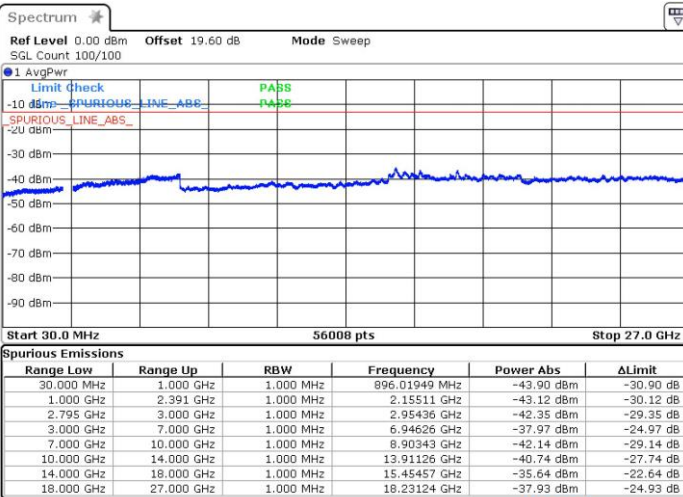


Date: 12.JUN.2023 19:33:45

Date: 12.JUN.2023 19:31:56

Highest Channel / 1RB

NA



NA

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

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.