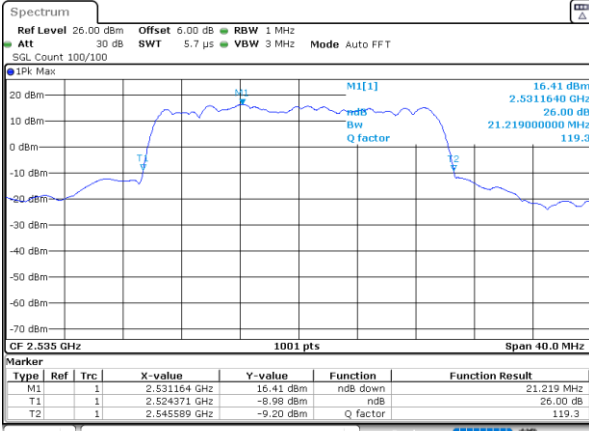




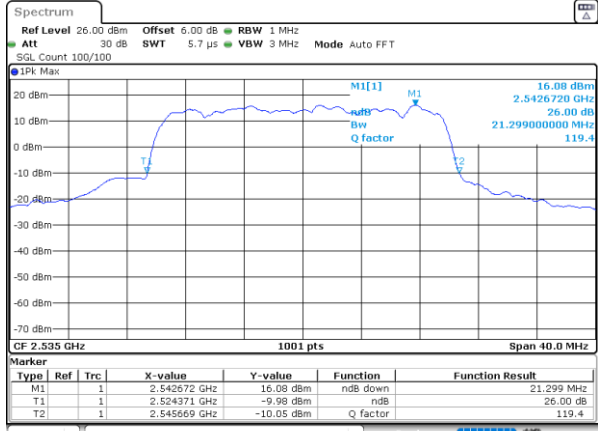
20M

QPSK



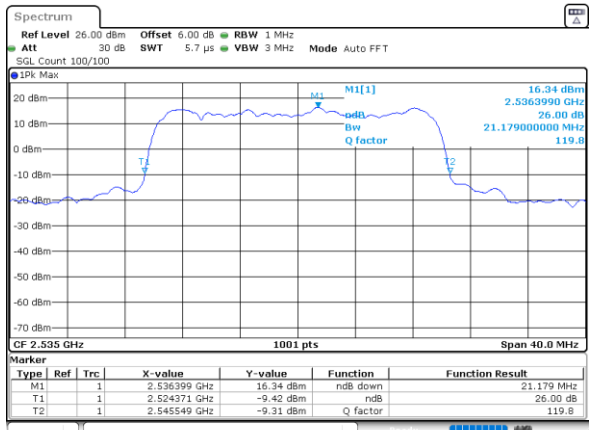
Date: 19.OCT.2022 19:03:11

16QAM



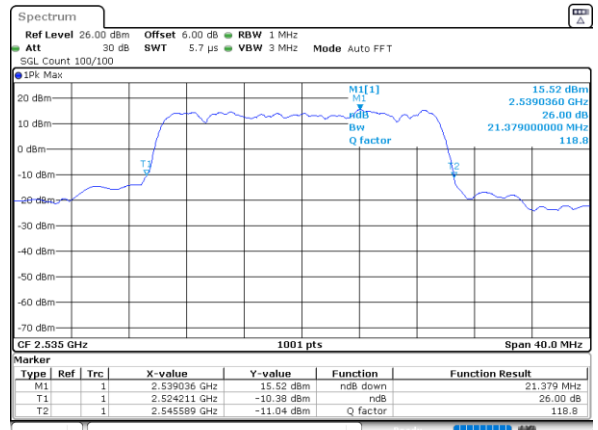
Date: 19.OCT.2022 19:03:28

64QAM



Date: 19.OCT.2022 19:03:48

256QAM

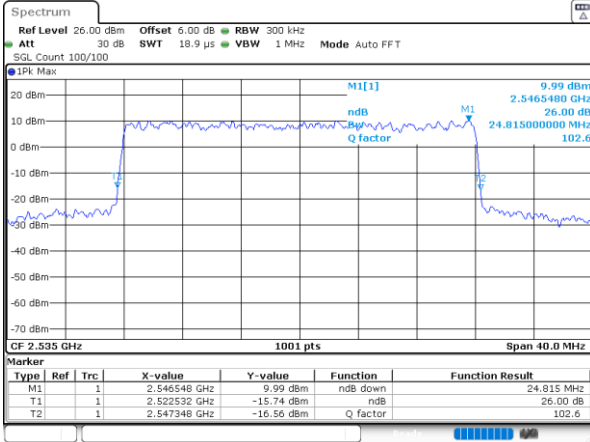


Date: 19.OCT.2022 19:04:23



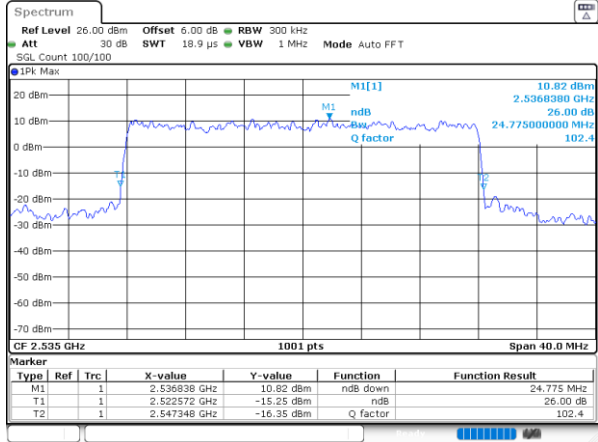
25M

QPSK



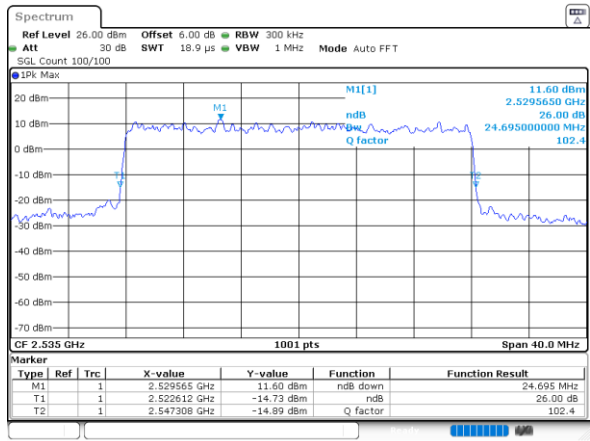
Date: 19.OCT.2022 19:12:17

16QAM



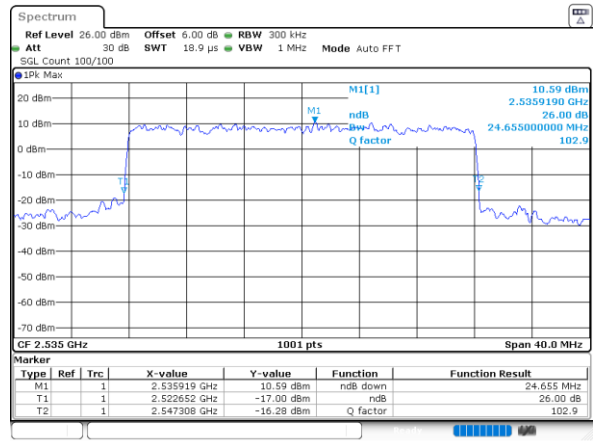
Date: 19.OCT.2022 19:13:02

64QAM



Date: 19.OCT.2022 19:13:17

256QAM

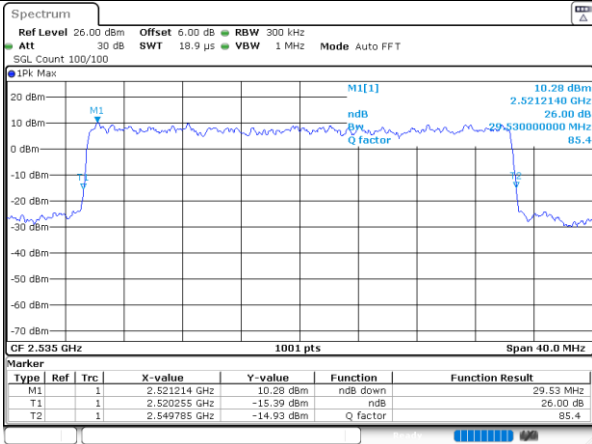


Date: 19.OCT.2022 19:13:24



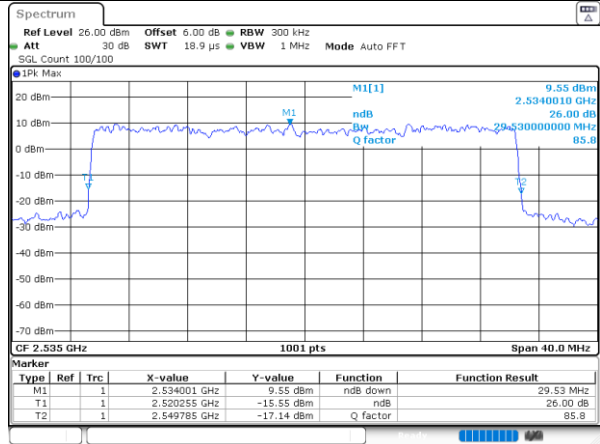
30M

QPSK



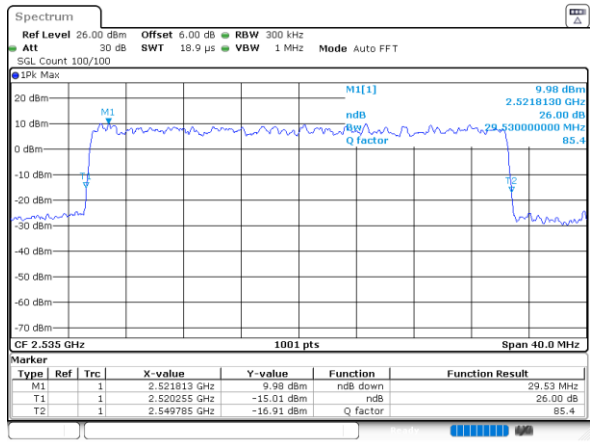
Date: 19.OCT.2022 19:15:13

16QAM



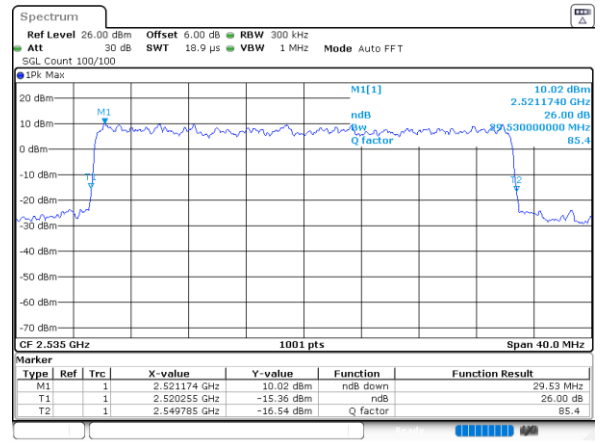
Date: 19.OCT.2022 19:14:57

64QAM



Date: 19.OCT.2022 19:14:42

256QAM

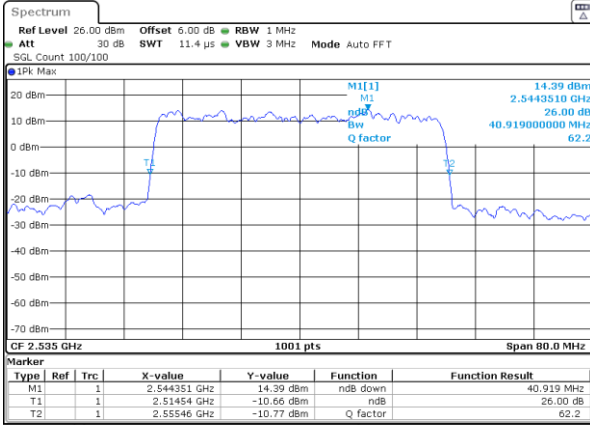


Date: 19.OCT.2022 19:14:27

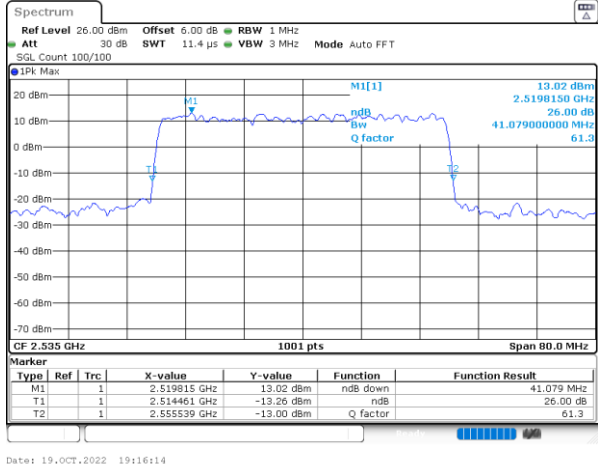


40M

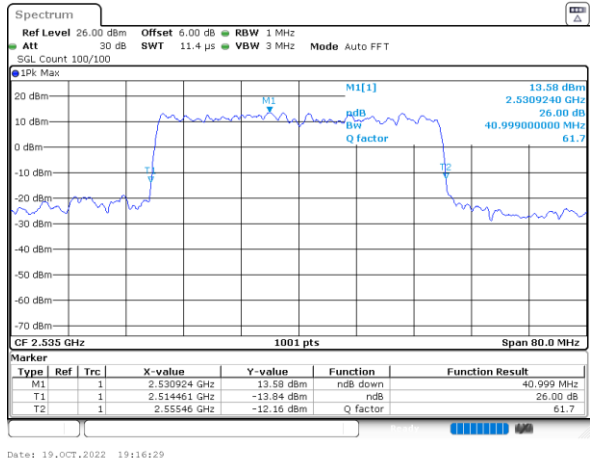
QPSK



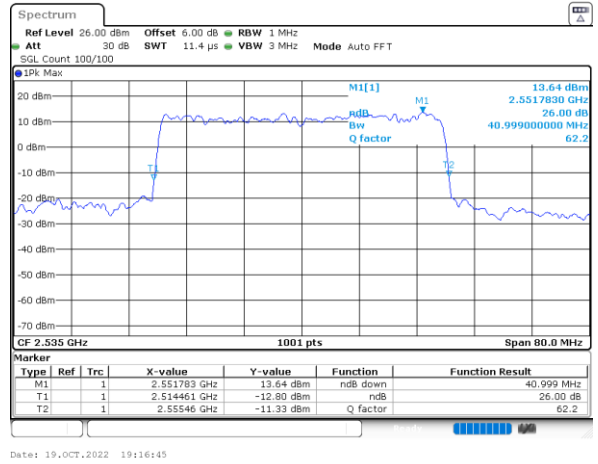
16QAM



64QAM



256QAM





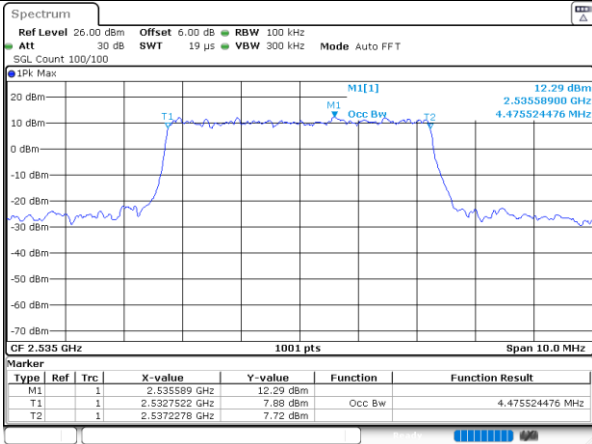
### Occupied Bandwidth

Mode	FR1 n7 : 99%OBW (MHz) / DFT-S OFDM			
<b>BW</b>	<b>5M</b>			
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>	<b>64QAM</b>	<b>256QAM</b>
<b>Middle CH</b>	4.48	4.48	4.47	4.49
<b>BW</b>	<b>10M</b>			
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>	<b>64QAM</b>	<b>256QAM</b>
<b>Middle CH</b>	9.35	9.37	9.35	9.37
<b>BW</b>	<b>15M</b>			
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>	<b>64QAM</b>	<b>256QAM</b>
<b>Middle CH</b>	14.15	14.18	14.18	14.12
<b>BW</b>	<b>20M</b>			
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>	<b>64QAM</b>	<b>256QAM</b>
<b>Middle CH</b>	19.34	19.38	19.42	19.50
<b>BW</b>	<b>25M</b>			
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>	<b>64QAM</b>	<b>256QAM</b>
<b>Middle CH</b>	23.78	23.74	23.82	23.78
<b>BW</b>	<b>30M</b>			
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>	<b>64QAM</b>	<b>256QAM</b>
<b>Middle CH</b>	28.53	28.49	28.57	28.57
<b>BW</b>	<b>40M</b>			
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>	<b>64QAM</b>	<b>256QAM</b>
<b>Middle CH</b>	38.68	38.84	38.92	38.84



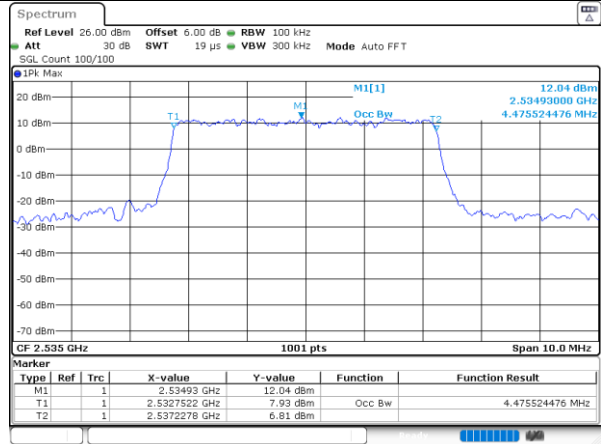
5M

QPSK



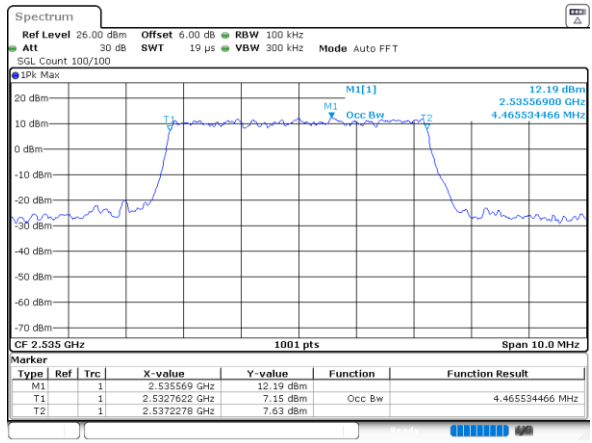
Date: 19.OCT.2022 17:26:33

16QAM



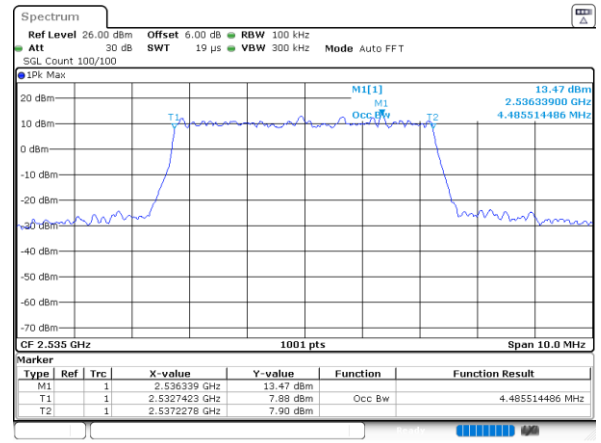
Date: 19.OCT.2022 17:26:52

64QAM



Date: 19.OCT.2022 17:27:14

256QAM

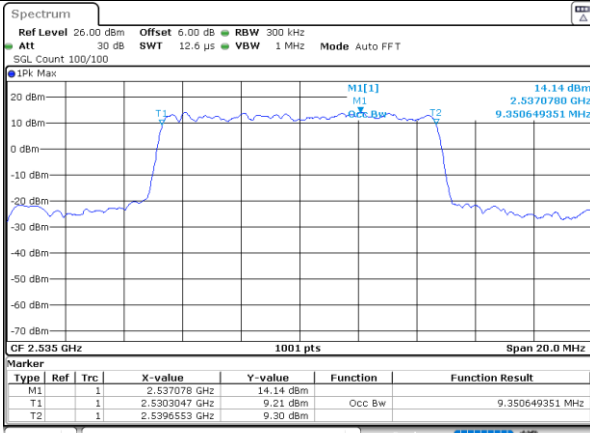


Date: 19.OCT.2022 17:28:18



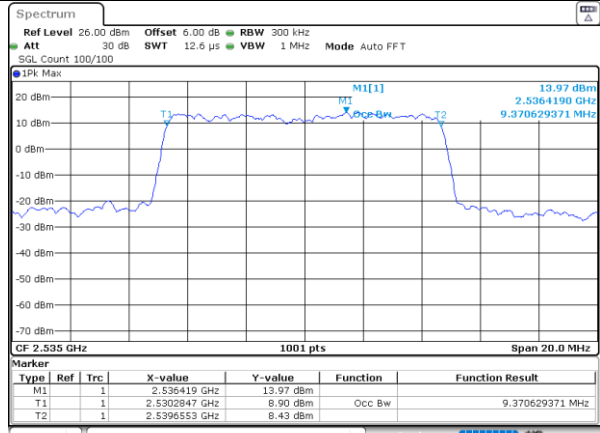
10M

QPSK



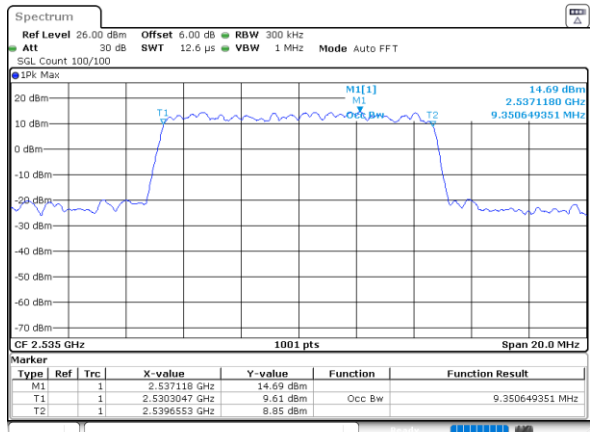
Date: 19.OCT.2022 17:39:21

16QAM



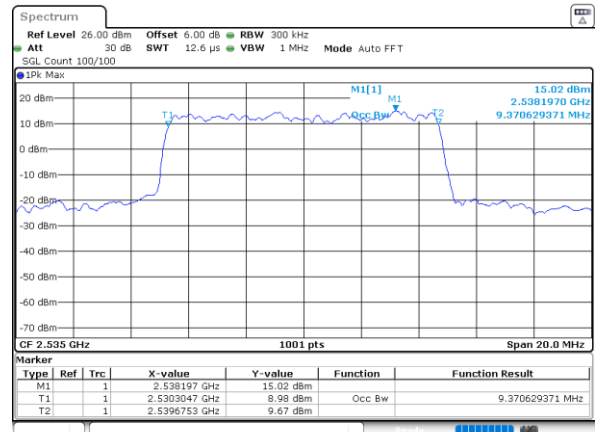
Date: 19.OCT.2022 17:39:41

64QAM



Date: 19.OCT.2022 17:41:29

256QAM

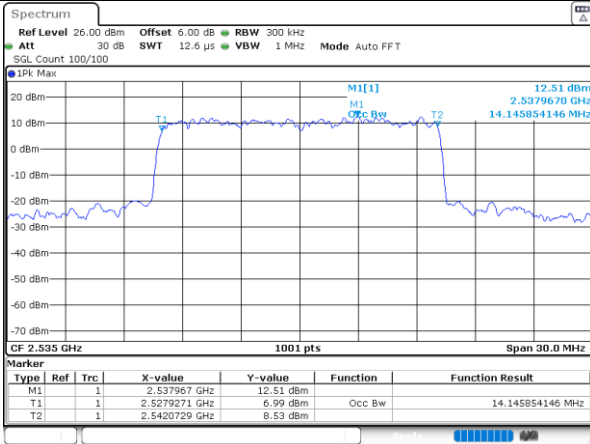


Date: 19.OCT.2022 17:41:53



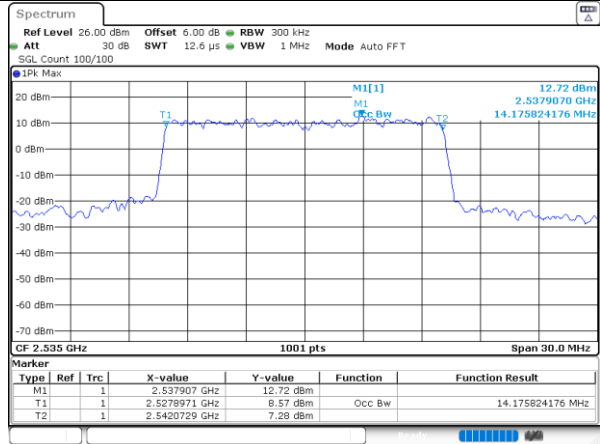
15M

QPSK



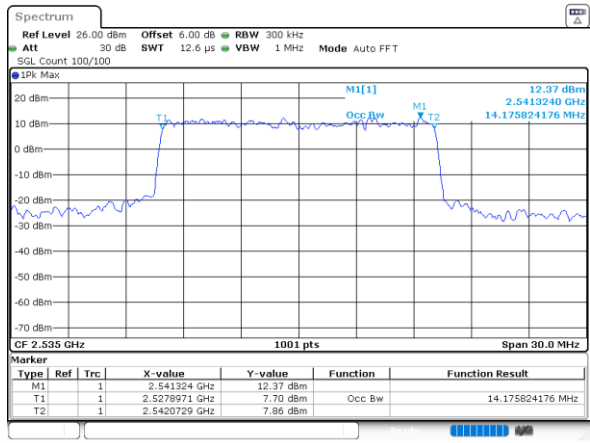
Date: 19.OCT.2022 18:21:29

16QAM



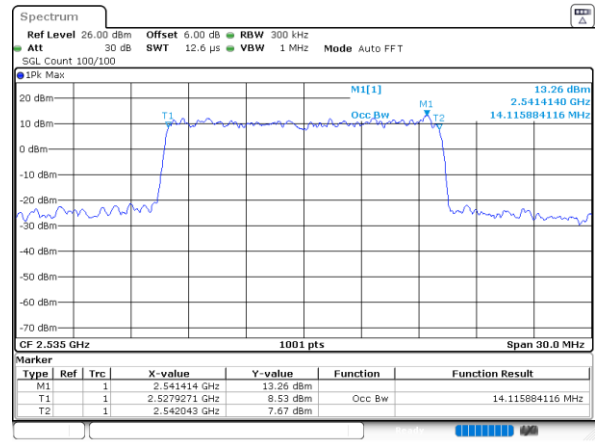
Date: 19.OCT.2022 18:21:44

64QAM



Date: 19.OCT.2022 18:22:02

256QAM



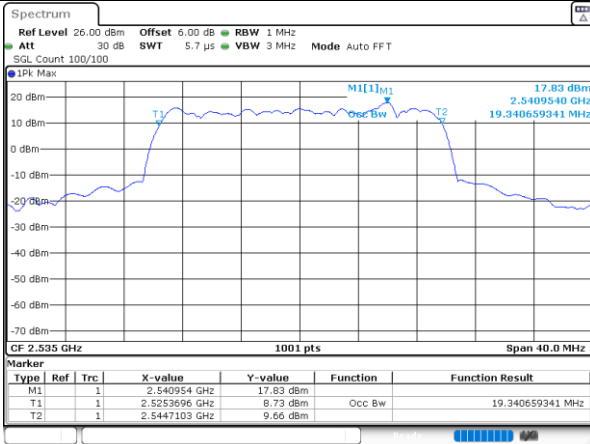
Date: 19.OCT.2022 18:22:25





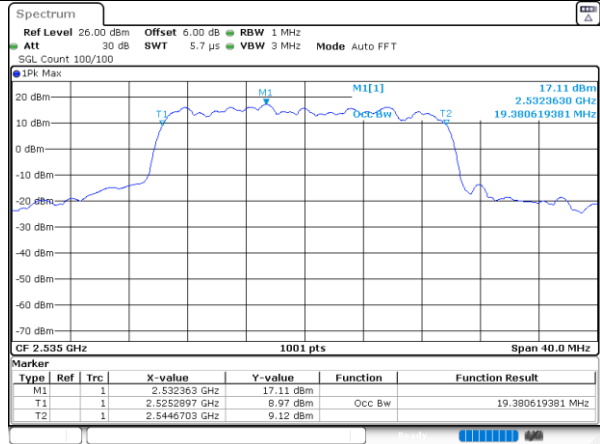
20M

QPSK



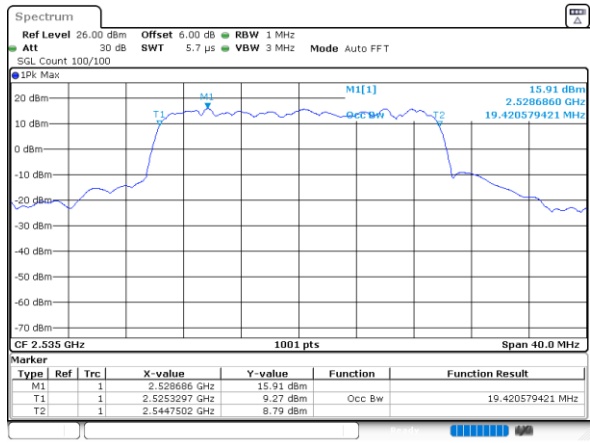
Date: 19.OCT.2022 19:03:05

16QAM



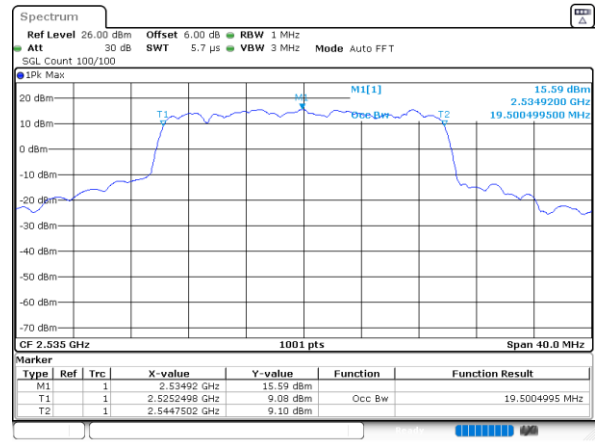
Date: 19.OCT.2022 19:03:22

64QAM



Date: 19.OCT.2022 19:03:38

256QAM

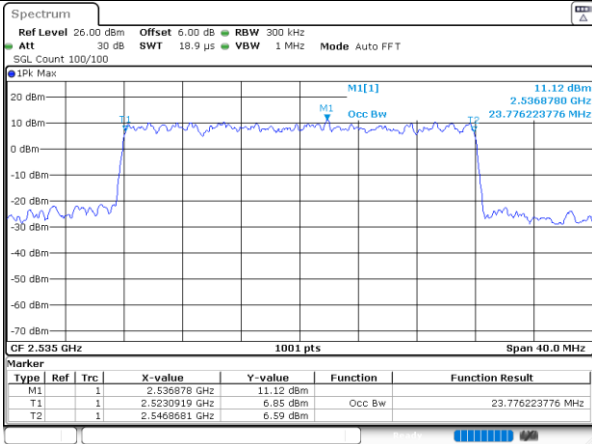


Date: 19.OCT.2022 19:04:13



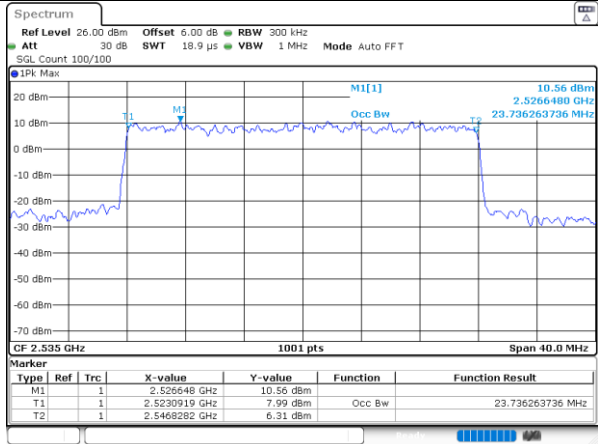
25M

QPSK



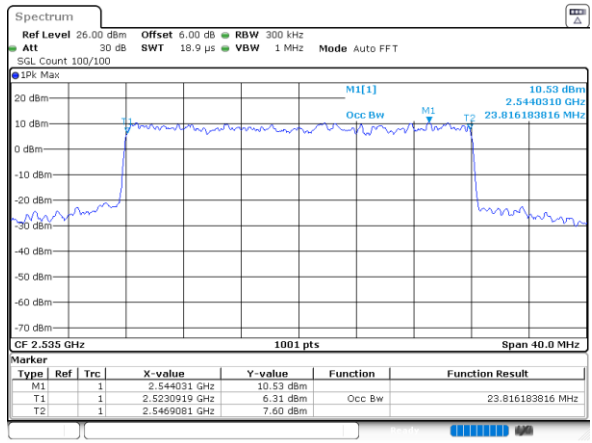
Date: 19.OCT.2022 19:12:11

16QAM



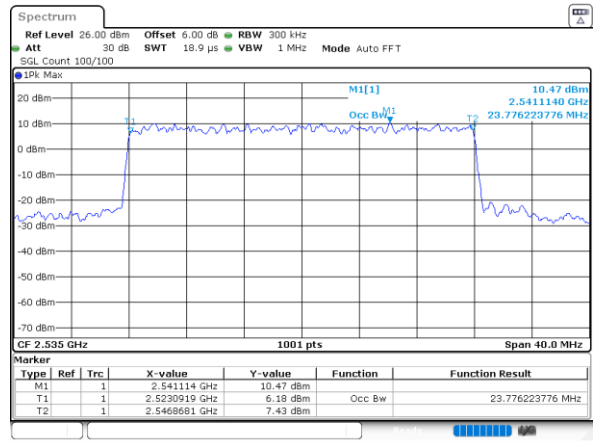
Date: 19.OCT.2022 19:12:57

64QAM



Date: 19.OCT.2022 19:13:11

256QAM

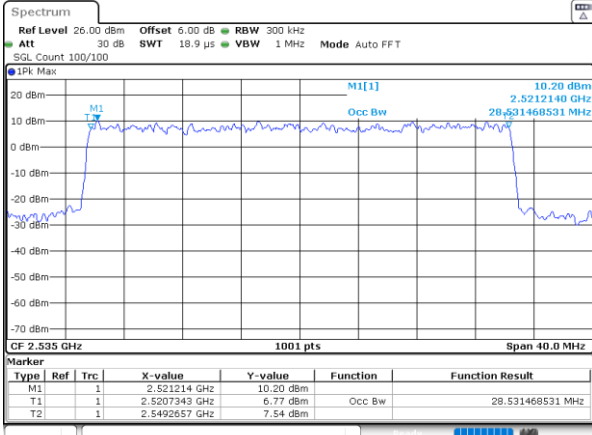


Date: 19.OCT.2022 19:13:28



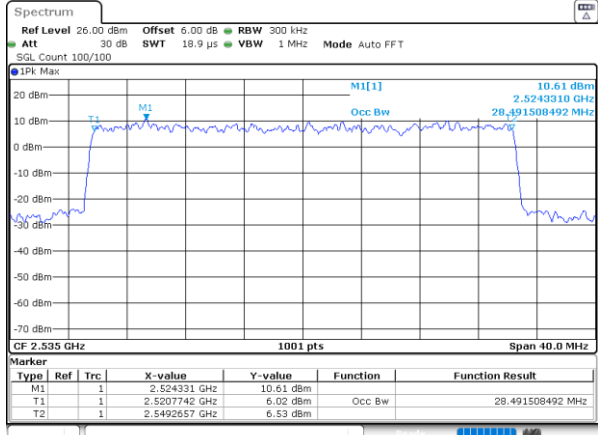
30M

QPSK



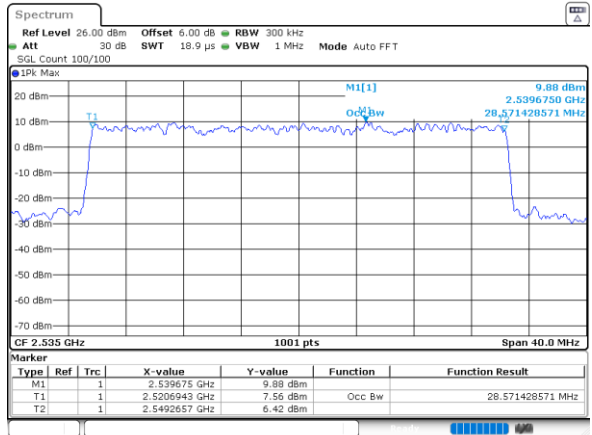
Date: 19.OCT.2022 19:15:10

16QAM



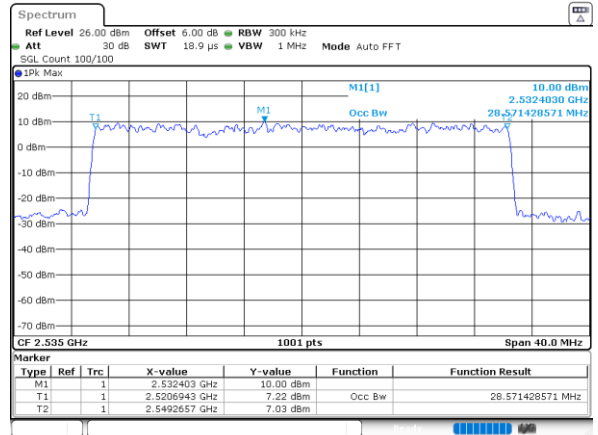
Date: 19.OCT.2022 19:14:51

64QAM



Date: 19.OCT.2022 19:14:27

256QAM

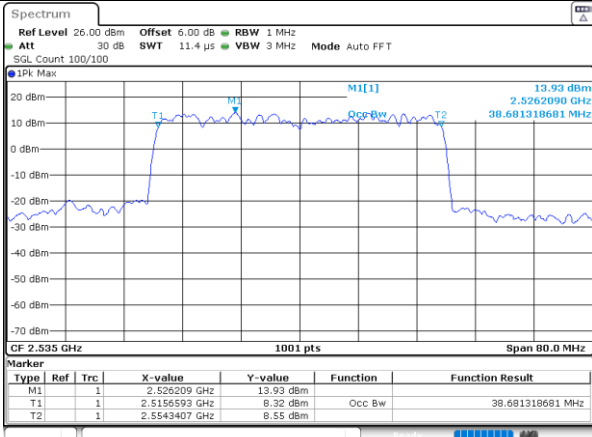


Date: 19.OCT.2022 19:14:22



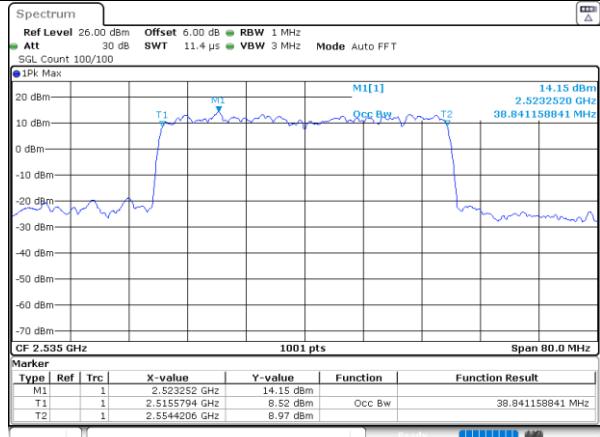
40M

QPSK



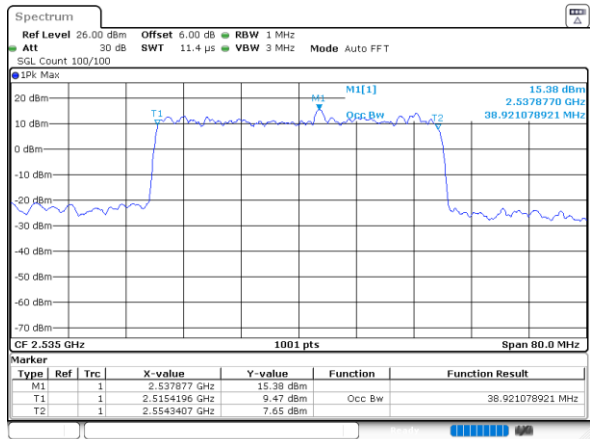
Date: 19.OCT.2022 19:15:53

16QAM



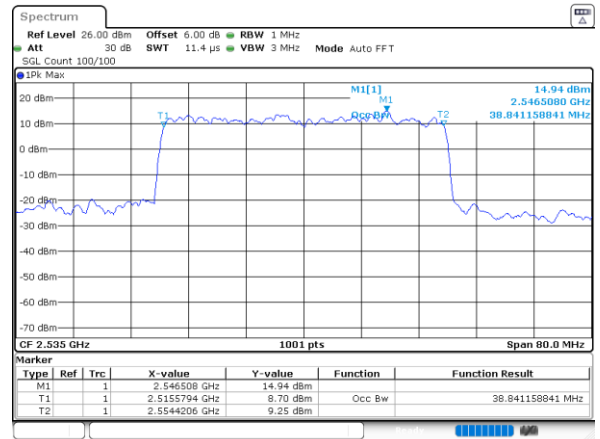
Date: 19.OCT.2022 19:16:08

64QAM



Date: 19.OCT.2022 19:16:23

256QAM



Date: 19.OCT.2022 19:16:39

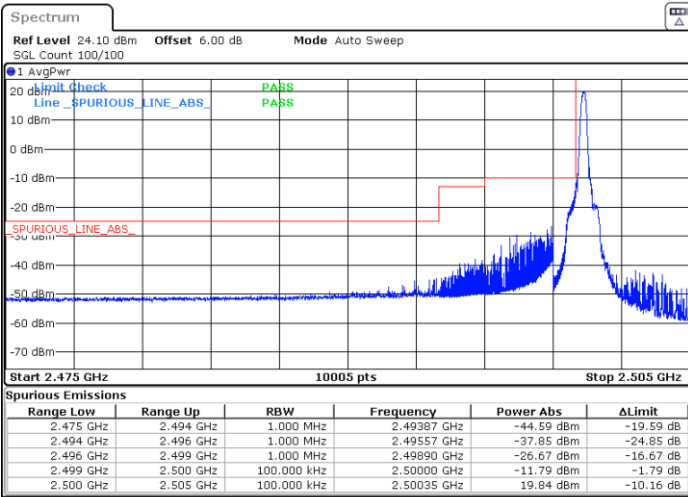


# Conducted Band Edge

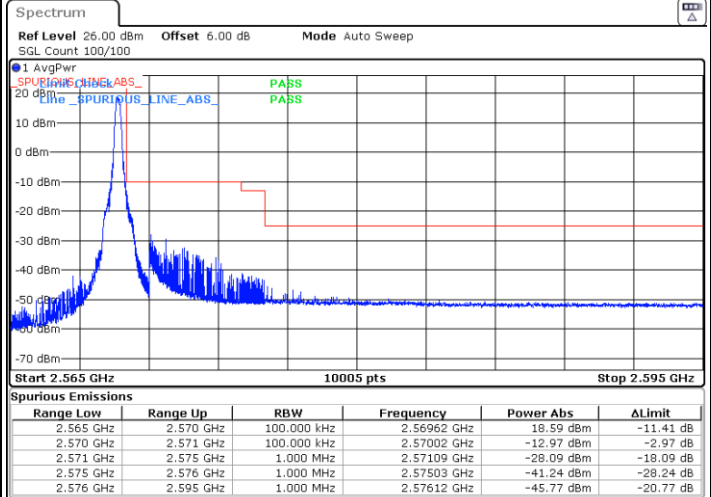
FR1 n7 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



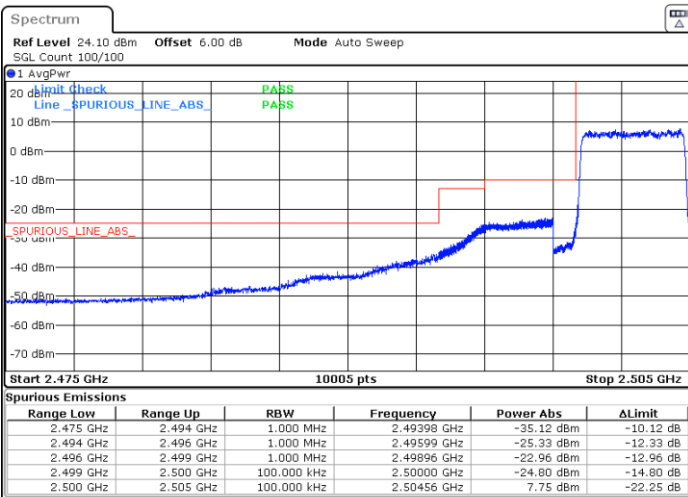
Date: 19.OCT.2022 16:57:31



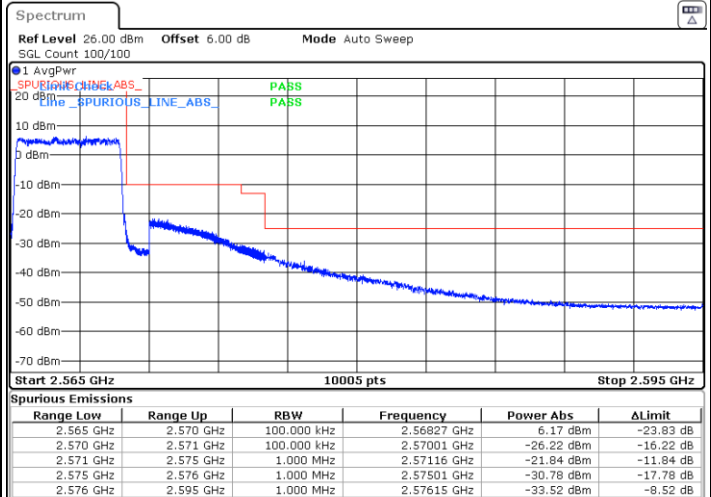
Date: 19.OCT.2022 17:31:52

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.OCT.2022 17:21:01



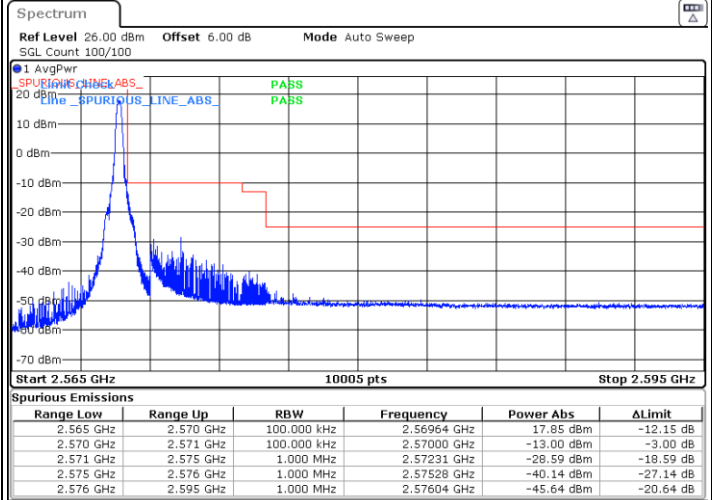
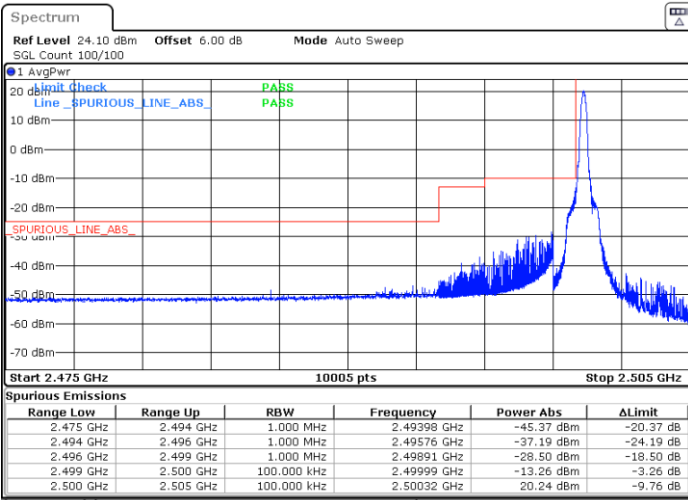
Date: 19.OCT.2022 17:29:42



FR1 n7 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

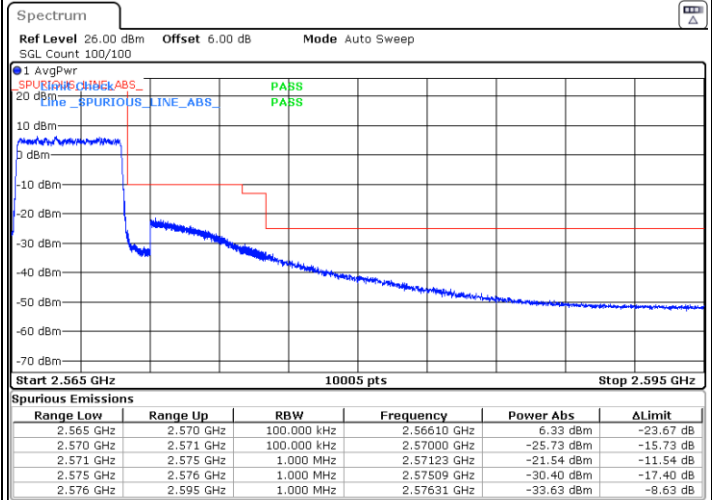
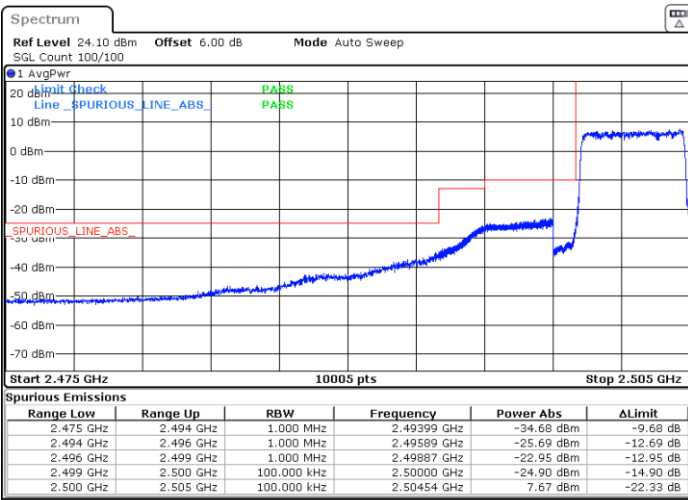


Date: 19.OCT.2022 16:58:46

Date: 19.OCT.2022 17:31:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.OCT.2022 17:21:41

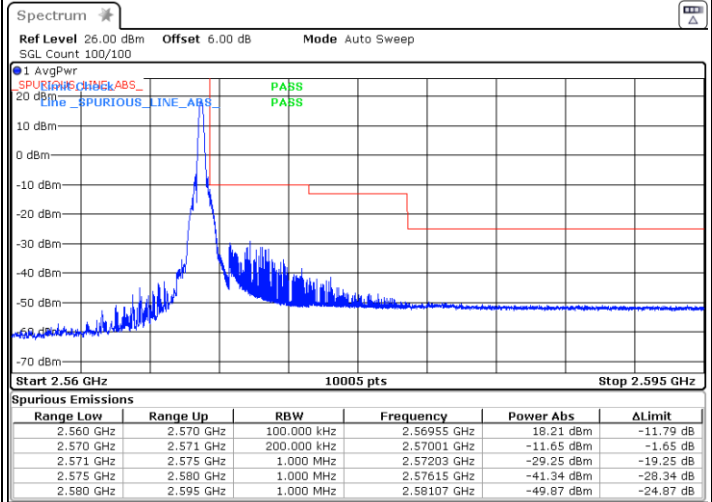
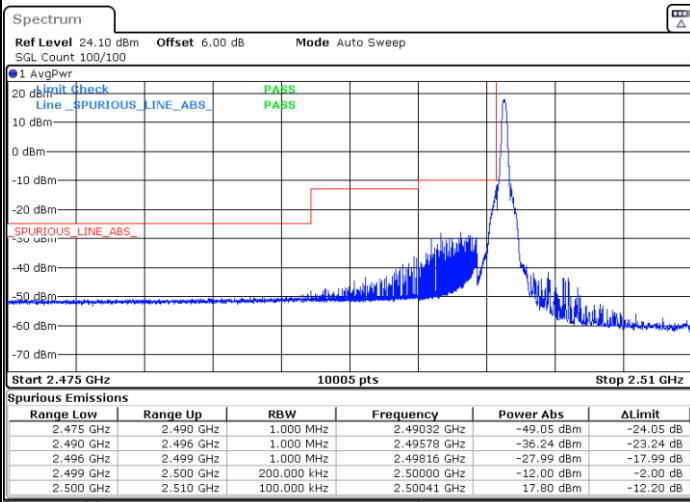
Date: 19.OCT.2022 17:30:57



FR1 n7 / 10MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

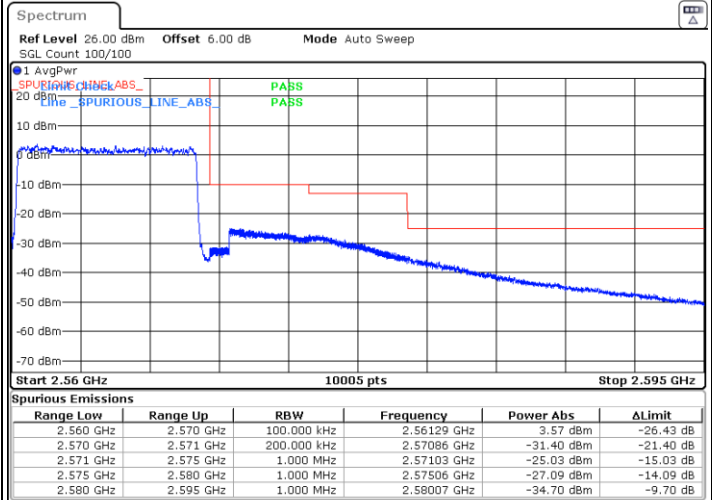
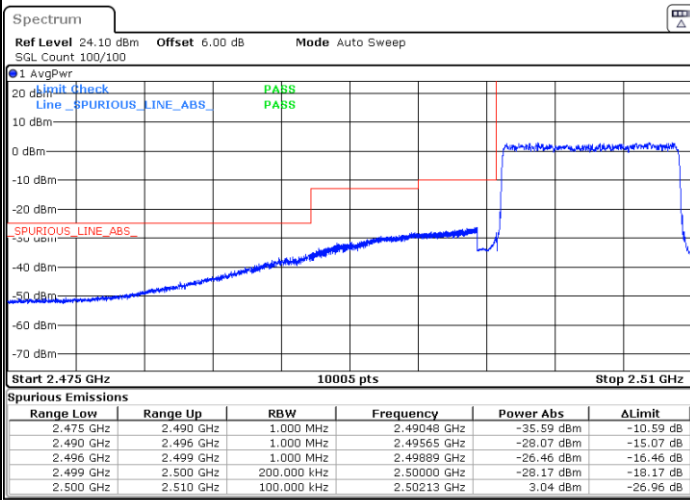


Date: 19.OCT.2022 17:52:42

Date: 19.OCT.2022 18:04:45

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.OCT.2022 17:58:52

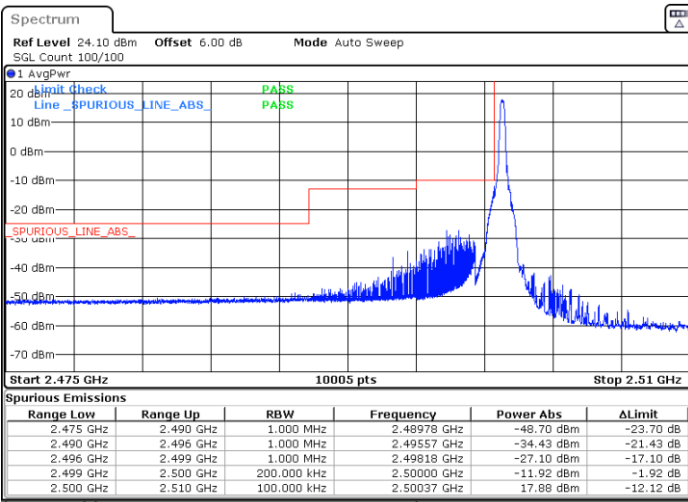
Date: 19.OCT.2022 18:01:47



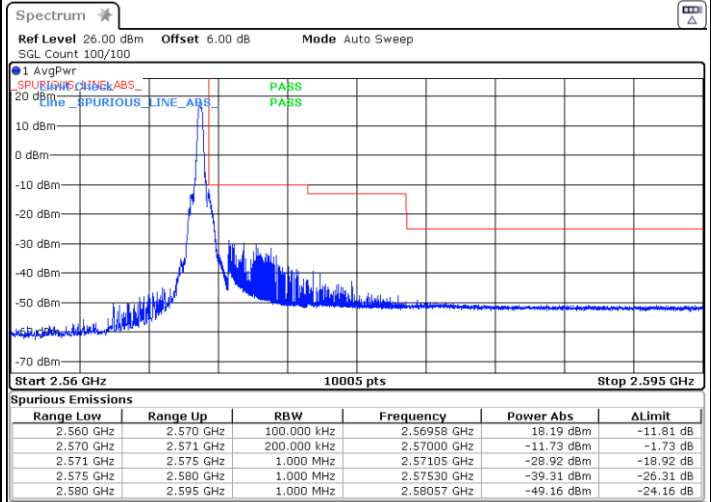
FR1 n7 / 10MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



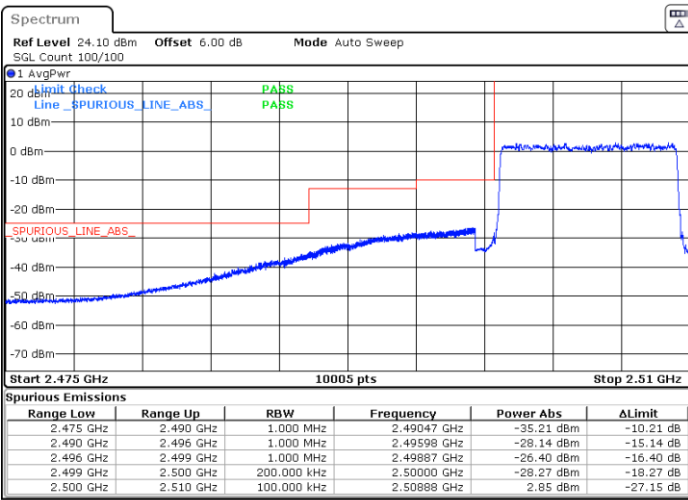
Date: 19.OCT.2022 17:53:32



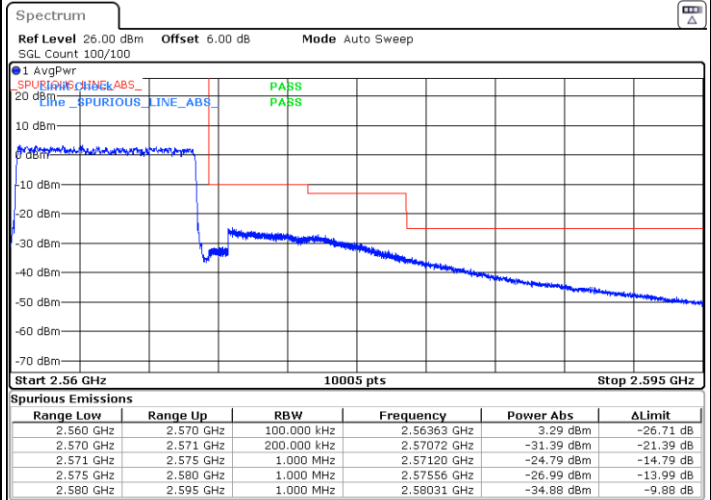
Date: 19.OCT.2022 18:06:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.OCT.2022 18:00:32



Date: 19.OCT.2022 18:01:24

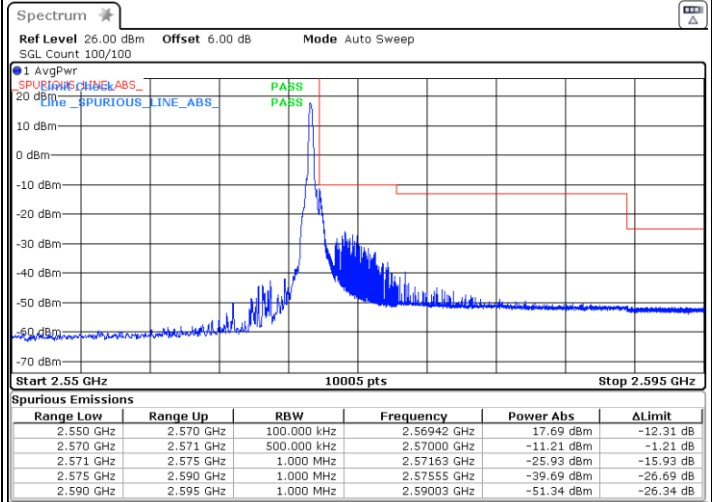
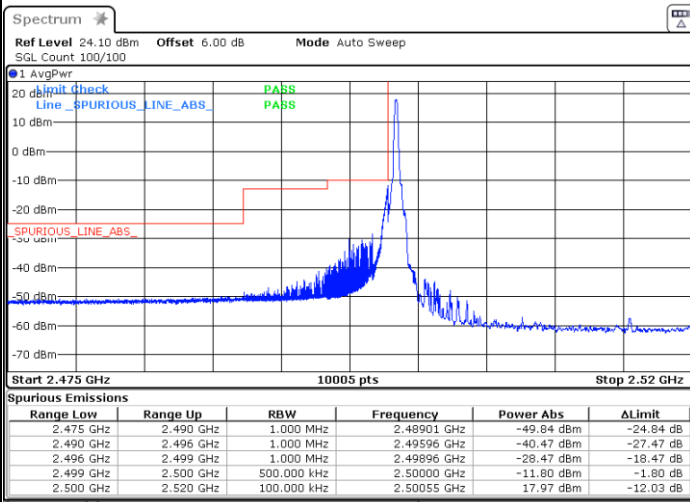




FR1 n7 / 20MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

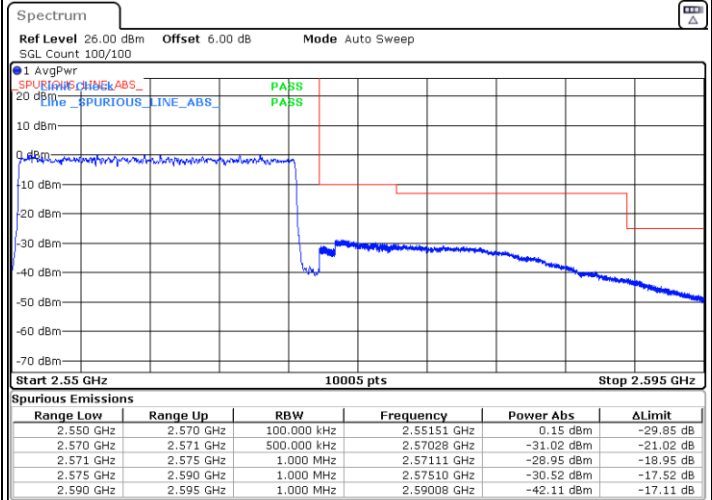
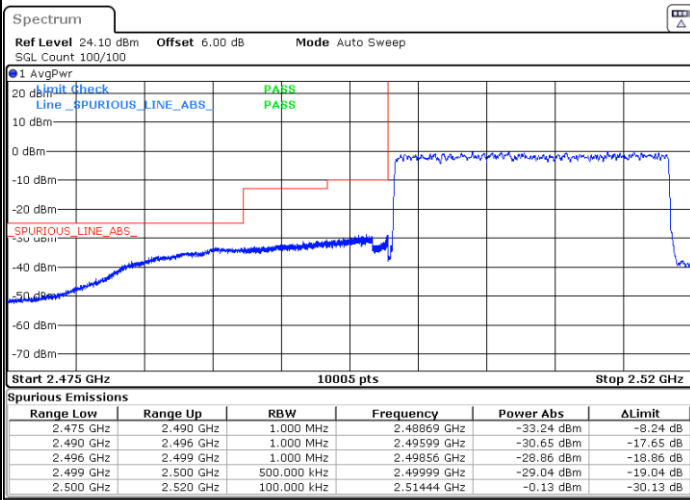


Date: 19.OCT.2022 18:24:50

Date: 19.OCT.2022 19:09:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 19.OCT.2022 19:01:45

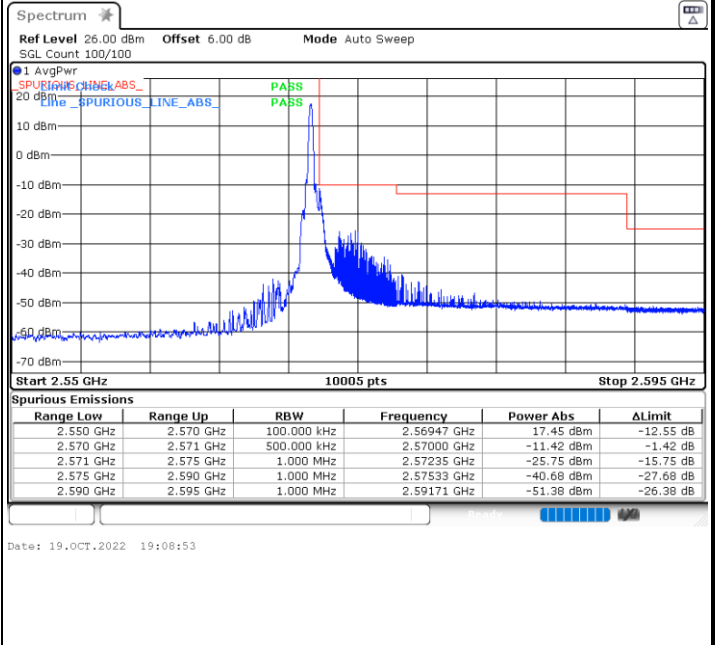
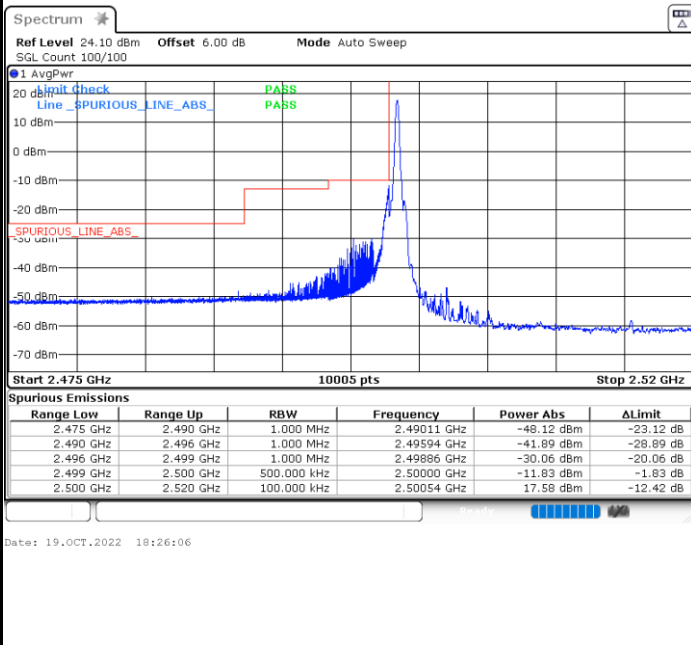
Date: 19.OCT.2022 19:07:57



FR1 n7 / 20MHz / DFT-s-OFDM / QPSK

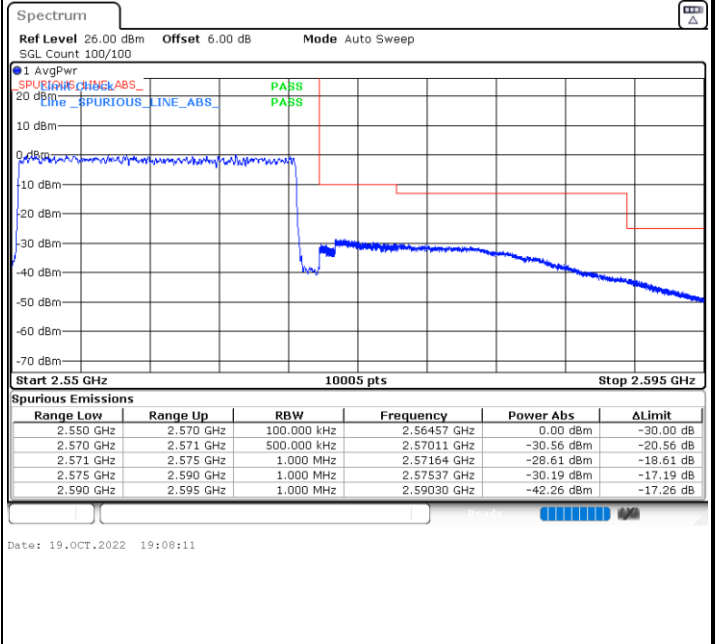
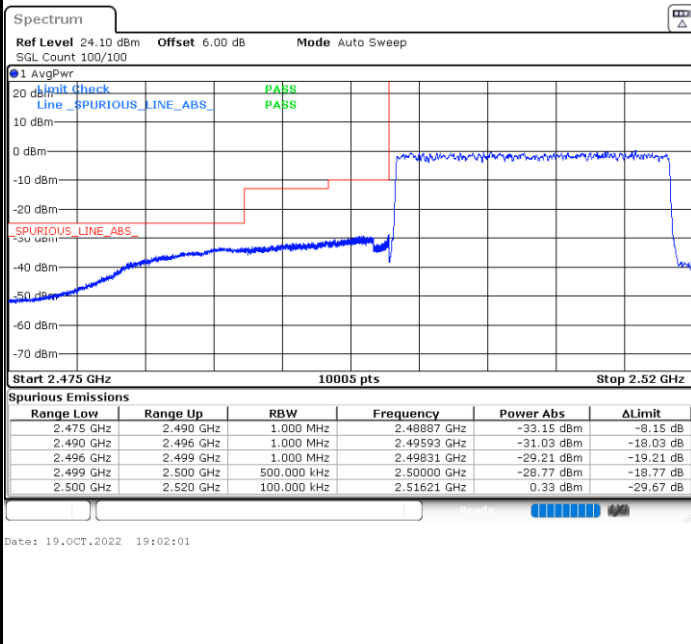
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

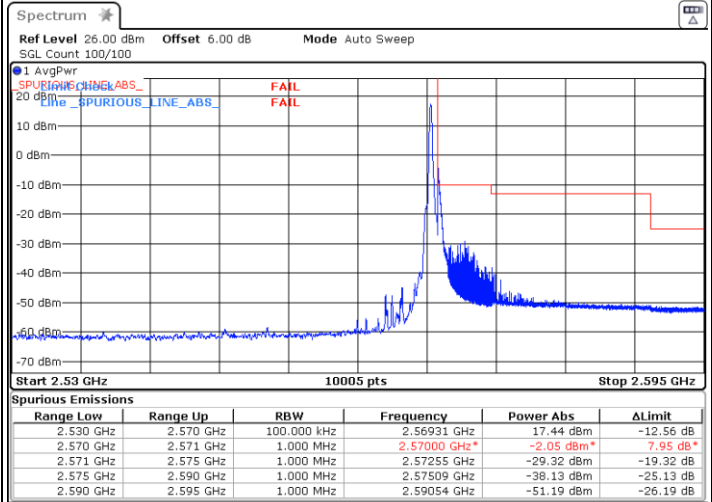
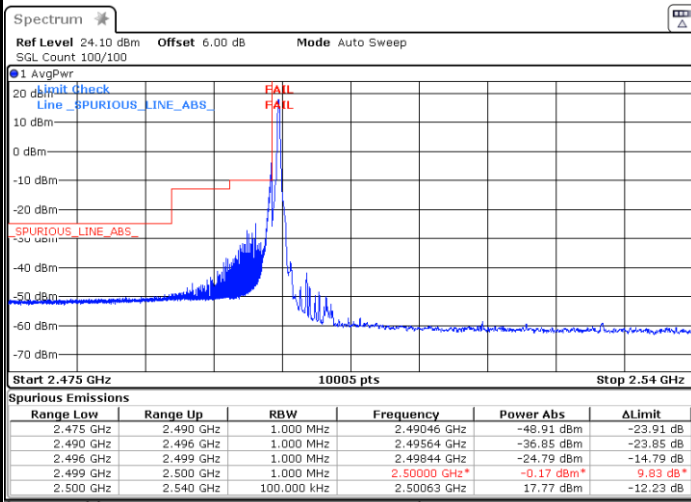




FR1 n7 / 40MHz / DFT-s-OFDM / PI/2 BPSK

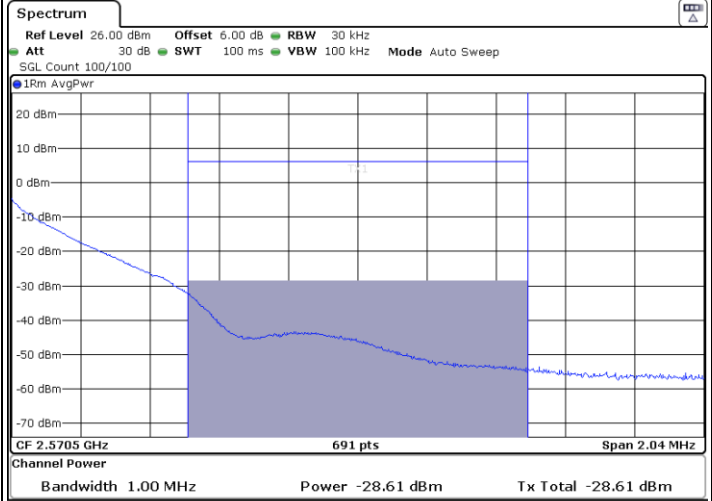
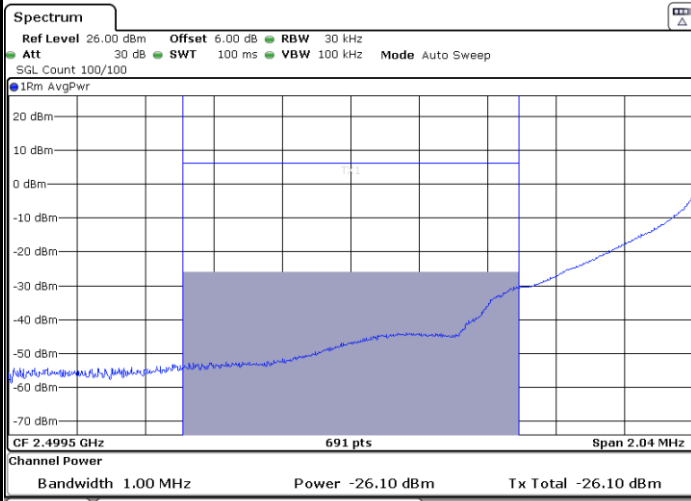
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Date: 19.OCT.2022 19:39:09

Date: 19.OCT.2022 19:46:39



Date: 19.OCT.2022 19:40:09

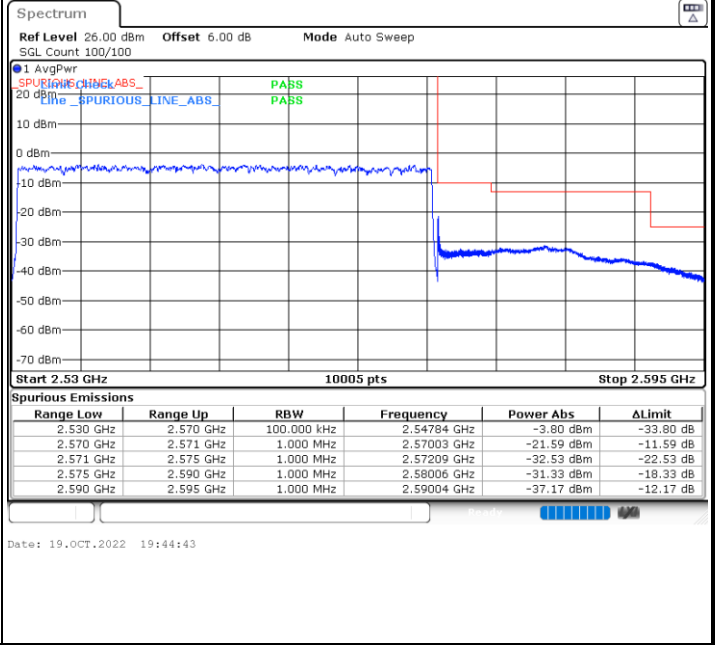
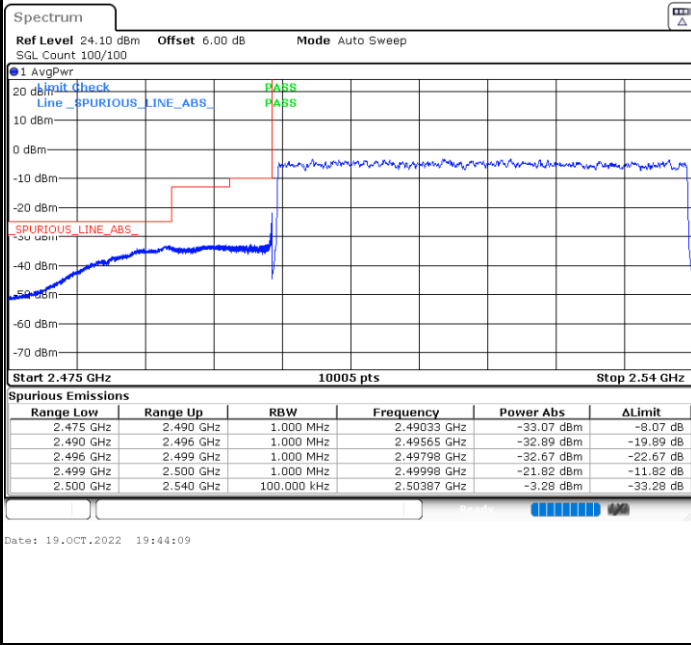
Date: 19.OCT.2022 19:47:58



FR1 n7 / 40MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

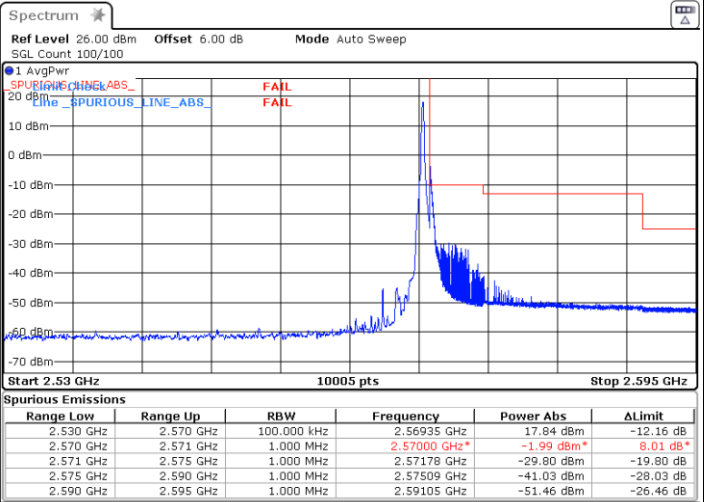
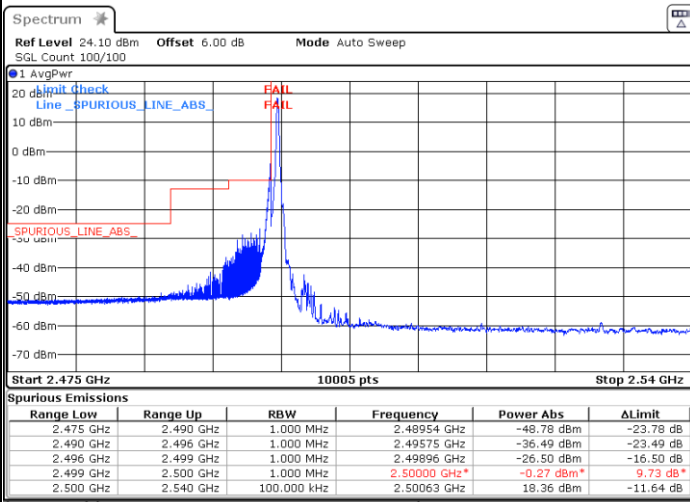




FR1 n7 / 40MHz / DFT-s-OFDM / PI/2 QPSK

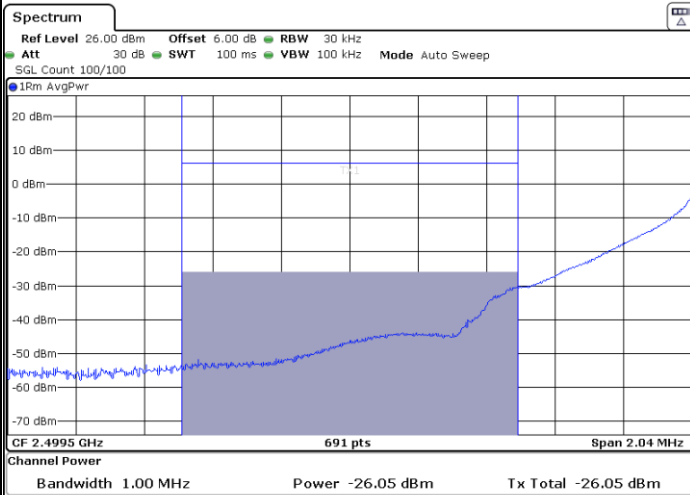
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX

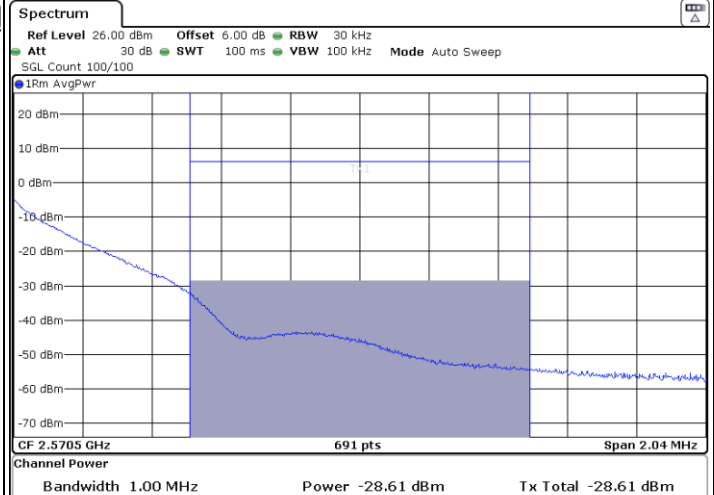


Date: 19.OCT.2022 19:31:09

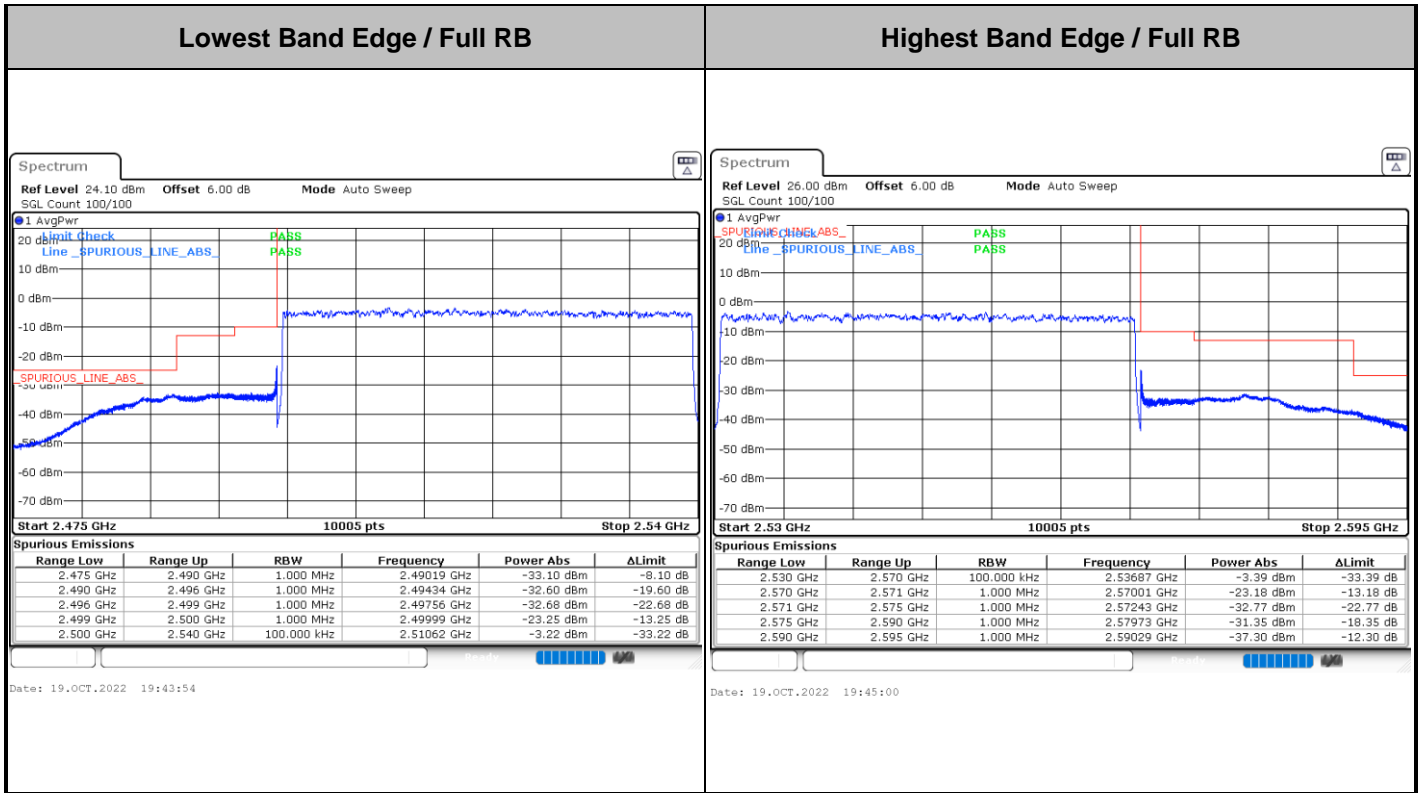
Date: 19.OCT.2022 19:45:46



Date: 19.OCT.2022 19:37:09

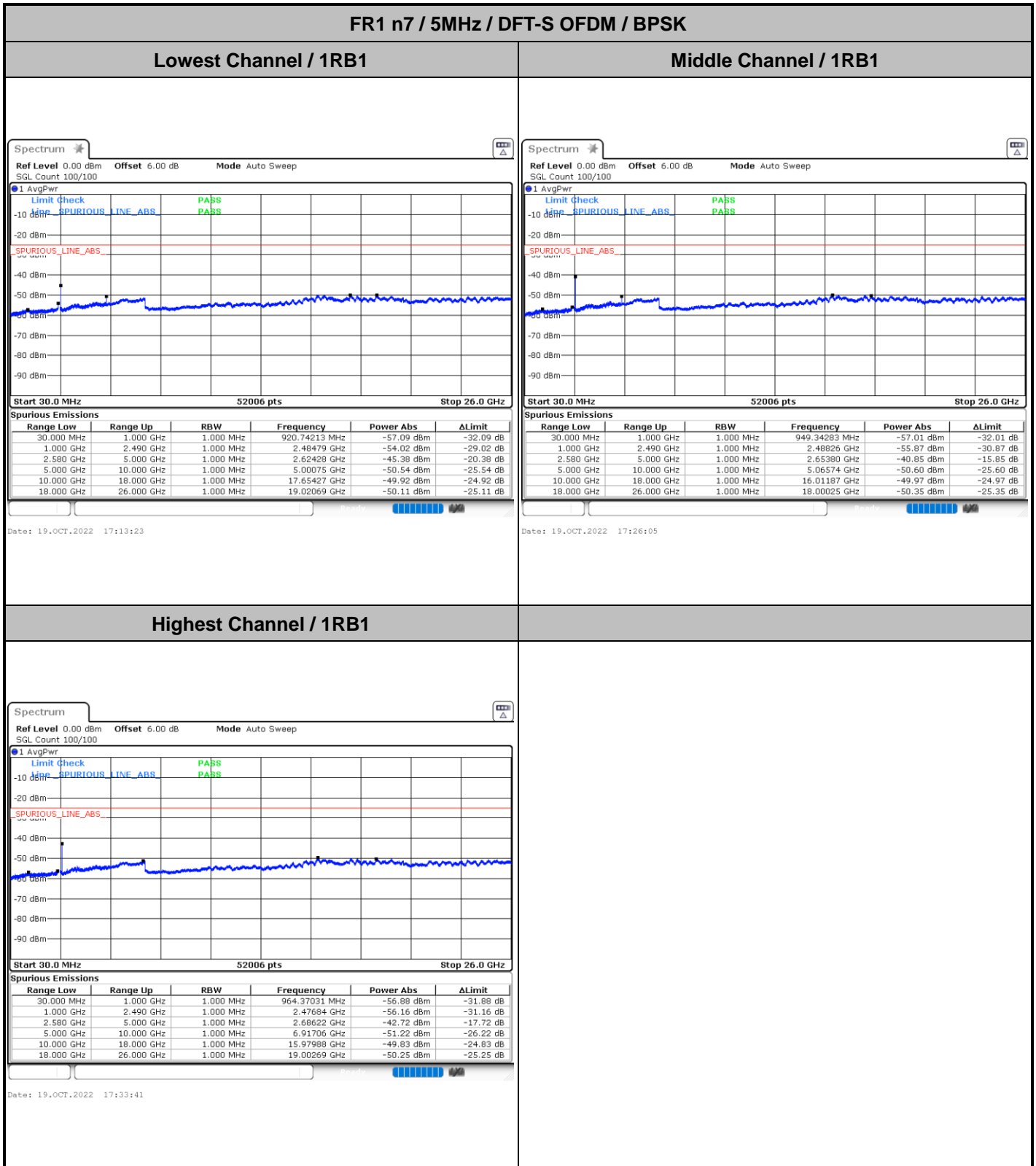


Date: 19.OCT.2022 19:49:23





# Conducted Spurious Emission

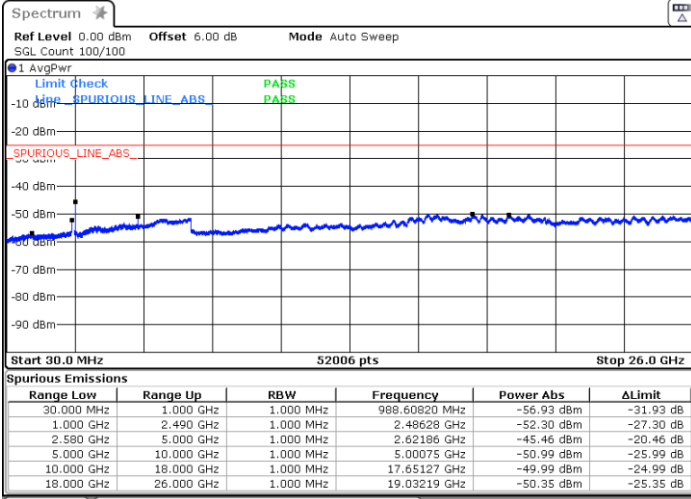




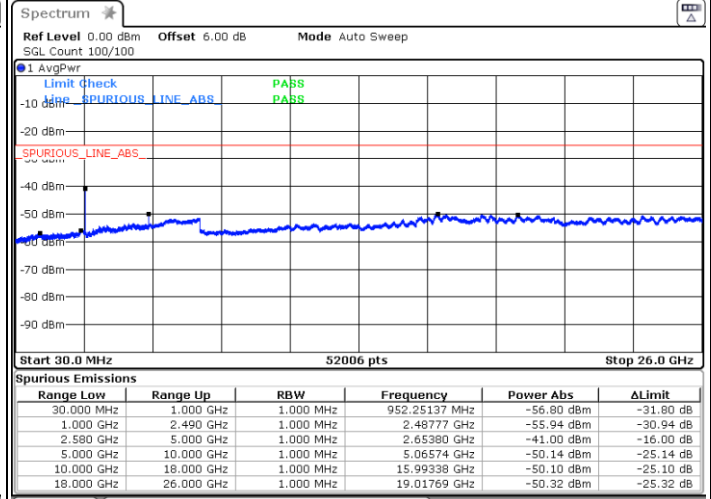
FR1 n7 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

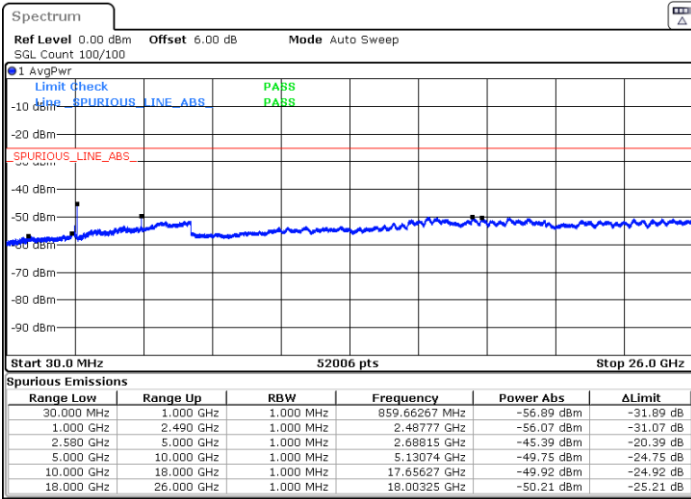


Date: 19.OCT.2022 17:07:10



Date: 19.OCT.2022 17:24:12

Highest Channel / 1RB1



Date: 19.OCT.2022 17:35:08

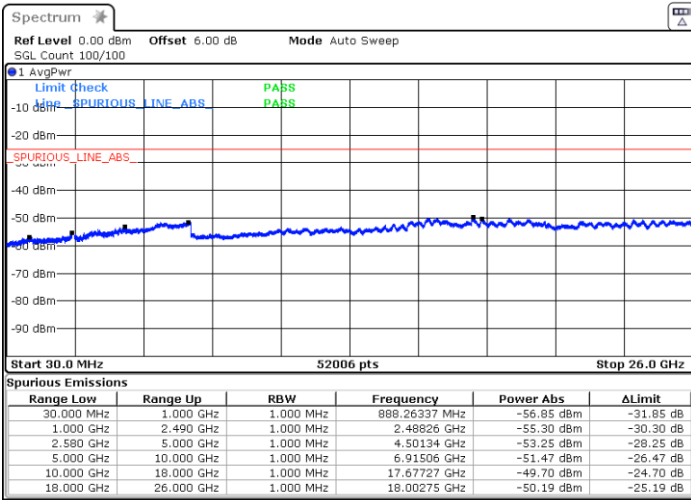




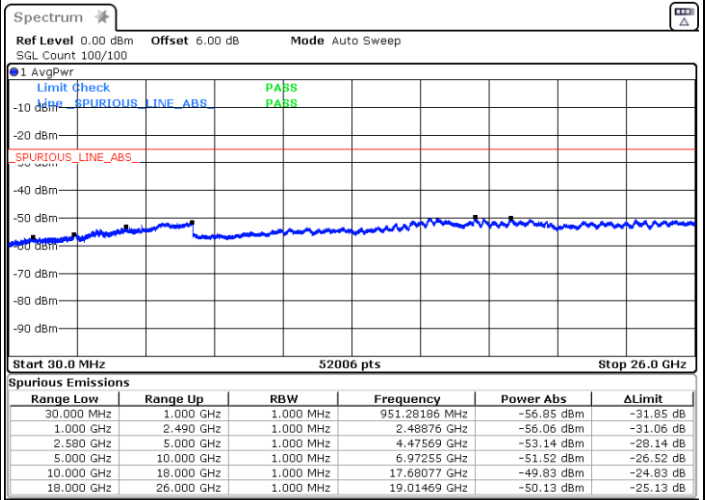
FR1 n7 / 10MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

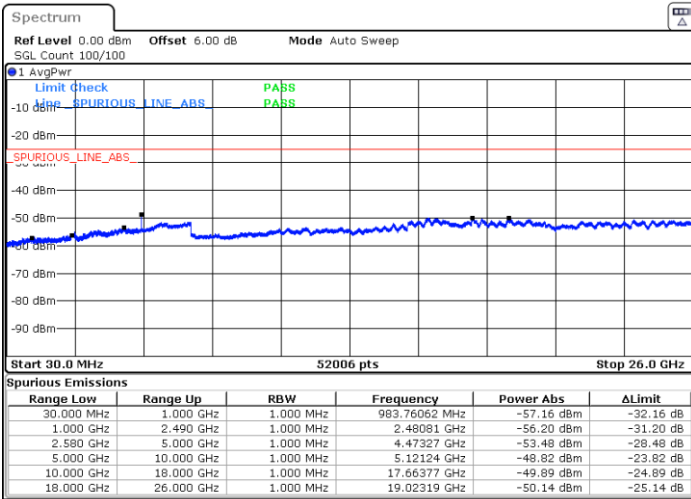


Date: 19.OCT.2022 17:57:56



Date: 19.OCT.2022 17:47:11

Highest Channel / 1RB1



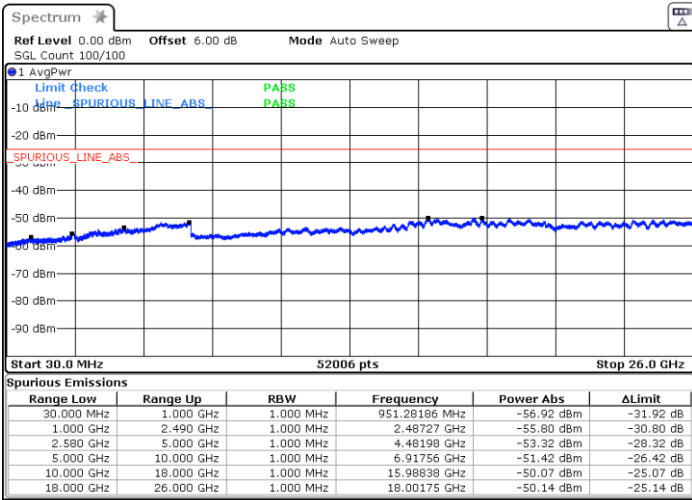
Date: 19.OCT.2022 18:19:07



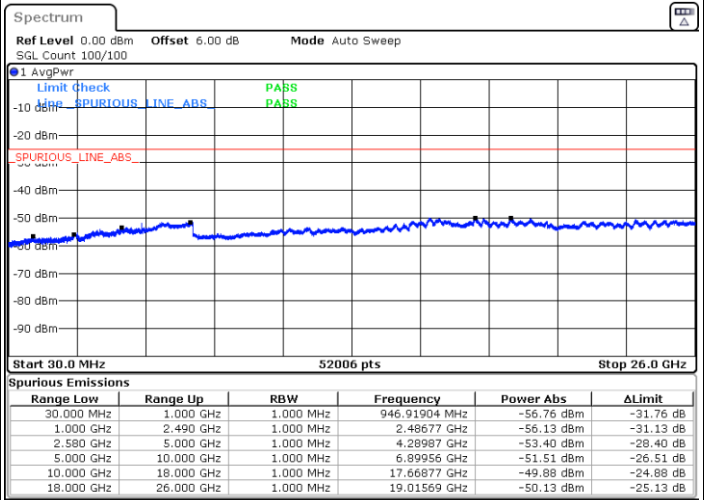
FR1 n7 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

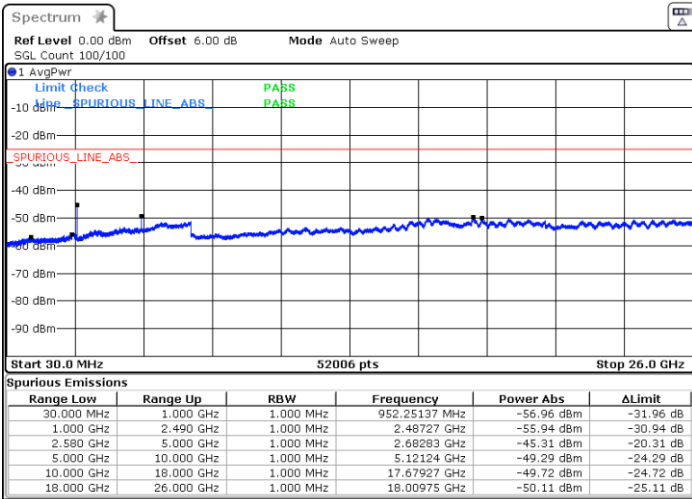


Date: 19.OCT.2022 17:55:44



Date: 19.OCT.2022 17:50:03

Highest Channel / 1RB1



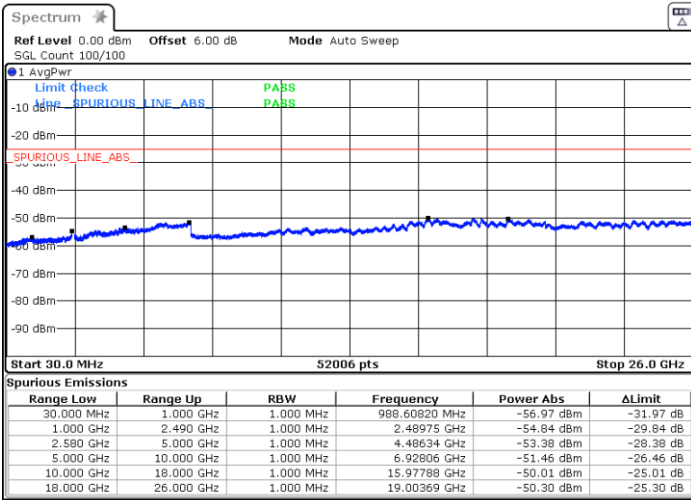
Date: 19.OCT.2022 18:09:06



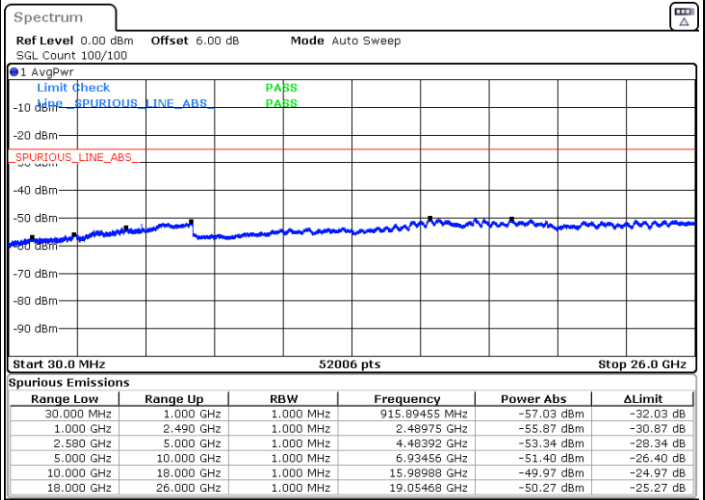
FR1 n7 / 20MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

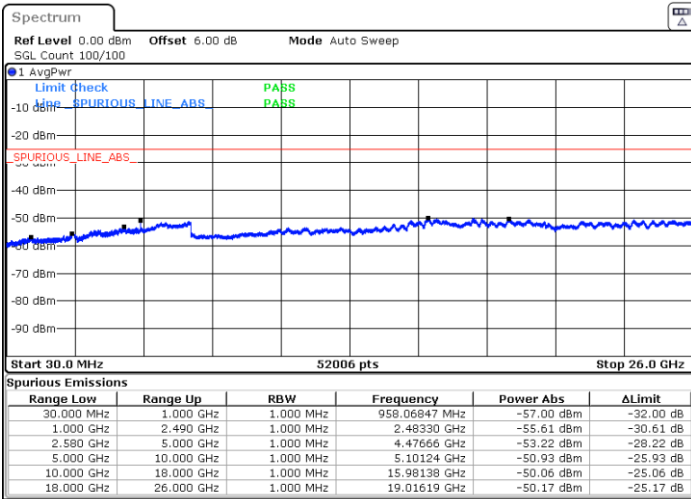


Date: 19.OCT.2022 19:01:13



Date: 19.OCT.2022 19:05:34

Highest Channel / 1RB1



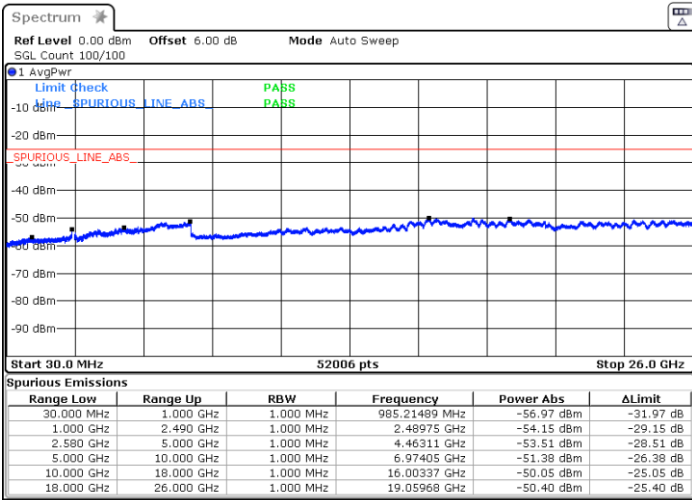
Date: 19.OCT.2022 19:10:32



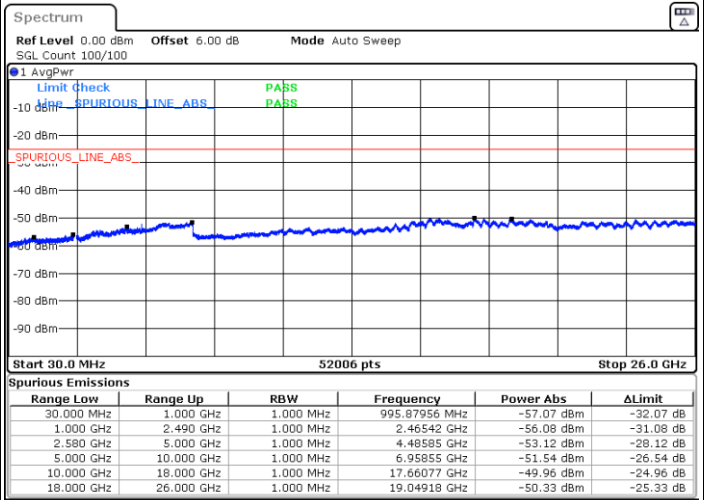
FR1 n7 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

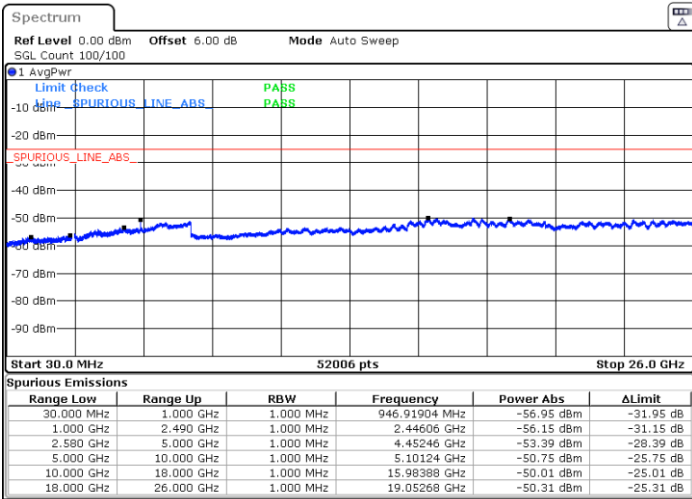


Date: 19.OCT.2022 18:27:12



Date: 19.OCT.2022 19:07:09

Highest Channel / 1RB1



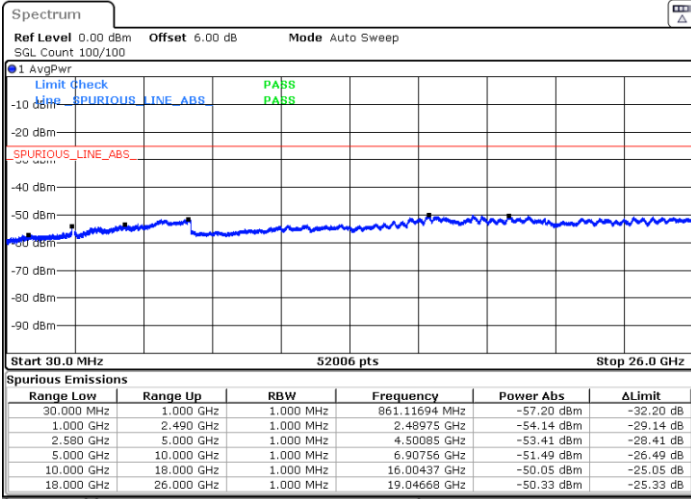
Date: 19.OCT.2022 19:11:27



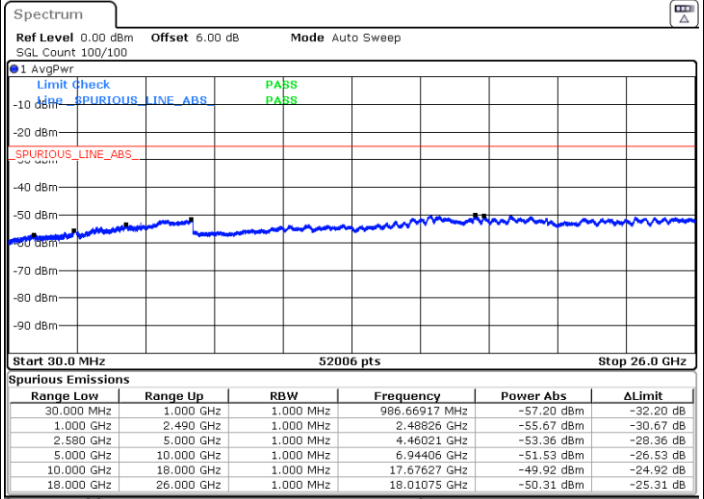
FR1 n7 / 40MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

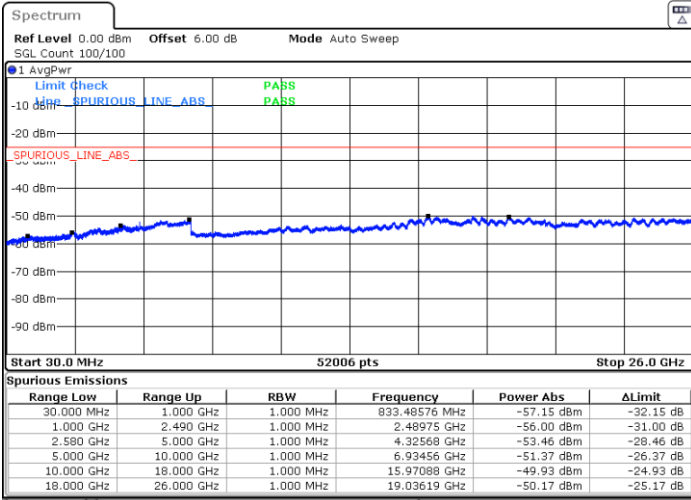


Date: 19.OCT.2022 19:42:24



Date: 19.OCT.2022 19:18:15

Highest Channel / 1RB1



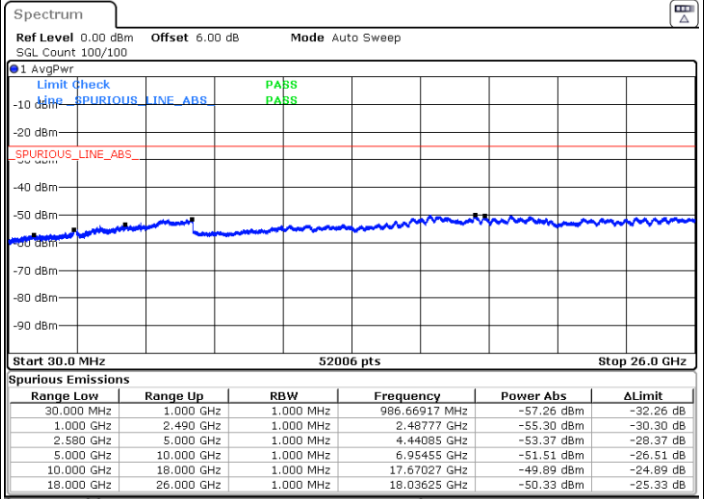
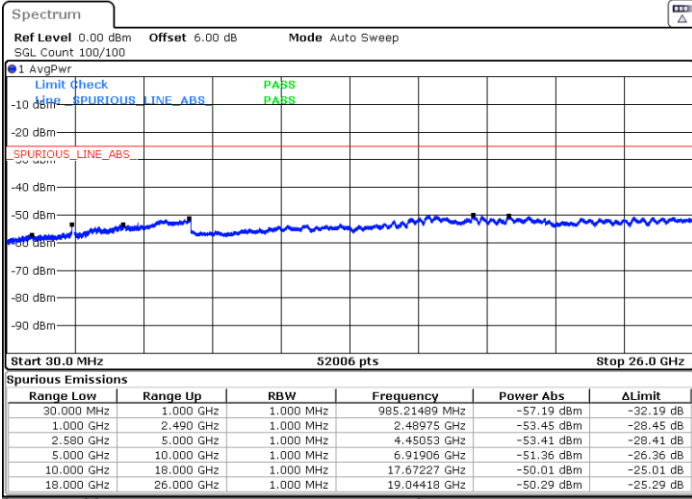
Date: 19.OCT.2022 19:50:36



FR1 n7 / 40MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

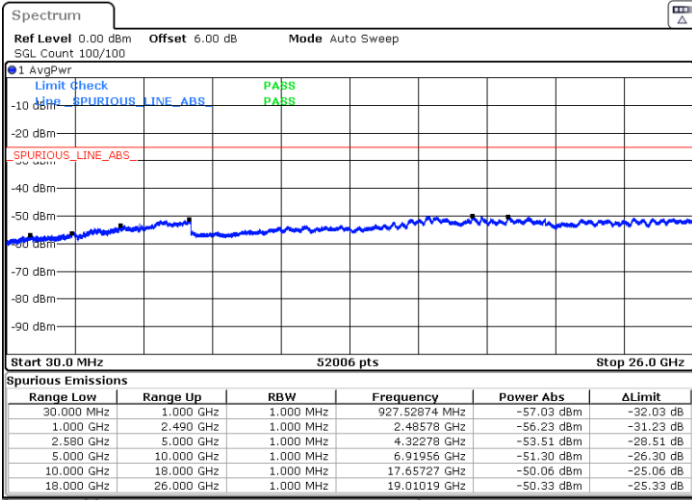
Middle Channel / 1RB1



Date: 19.OCT.2022 19:43:25

Date: 19.OCT.2022 19:20:19

Highest Channel / 1RB1



Date: 19.OCT.2022 19:51:50



Frequency Stability

Test Conditions		FR1 n7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0025	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.