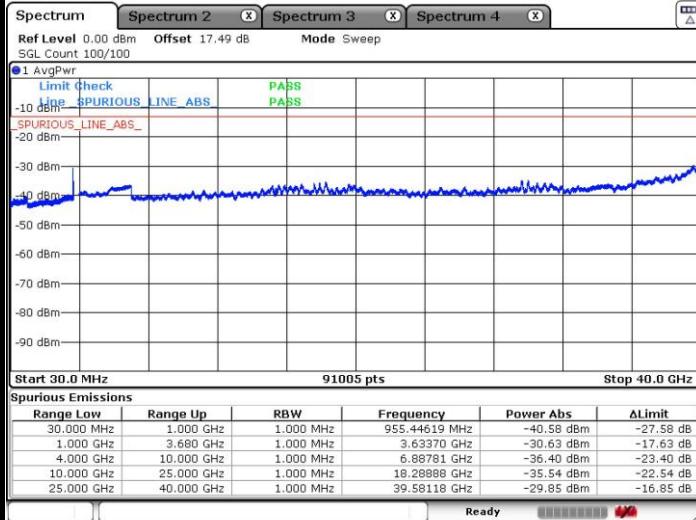




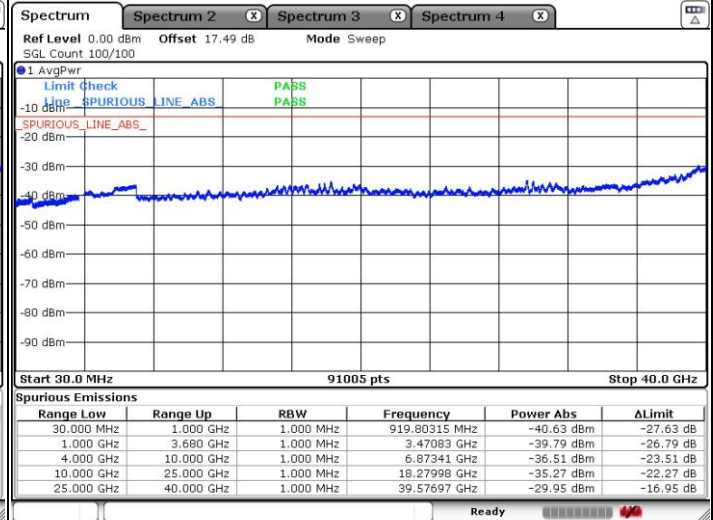
FR1 n77 / 70MHz / CP OFDM / QPSK

Lowest Channel / 1RB0



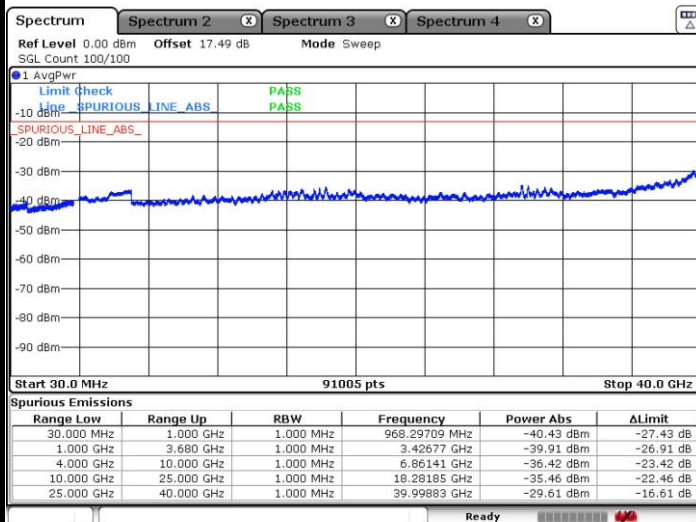
Date: 3.DEC.2021 08:04:56

Middle Channel / 1RB0



Date: 3.DEC.2021 08:01:46

Highest Channel / 1RB0

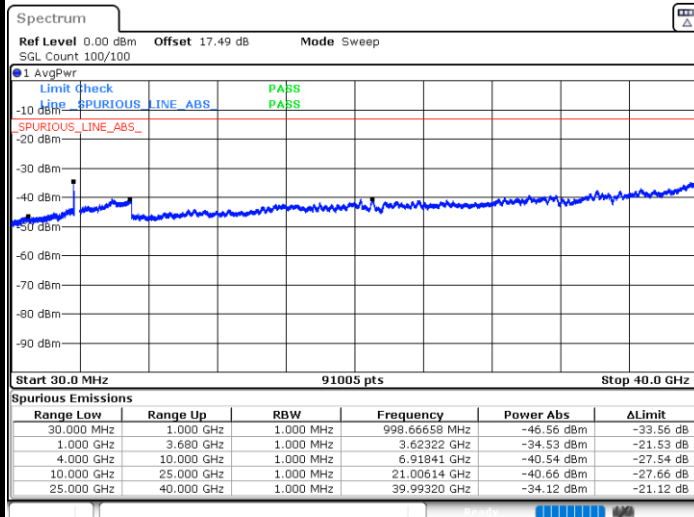


Date: 3.DEC.2021 08:28:07

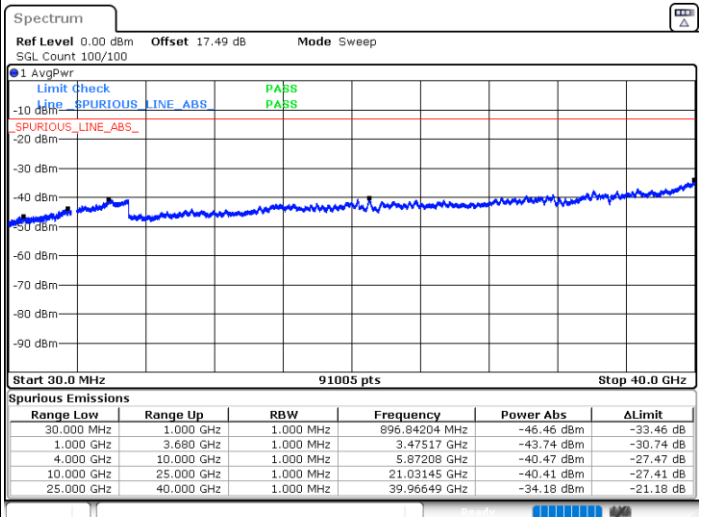


FR1 n77 / 80MHz / CP OFDM / QPSK

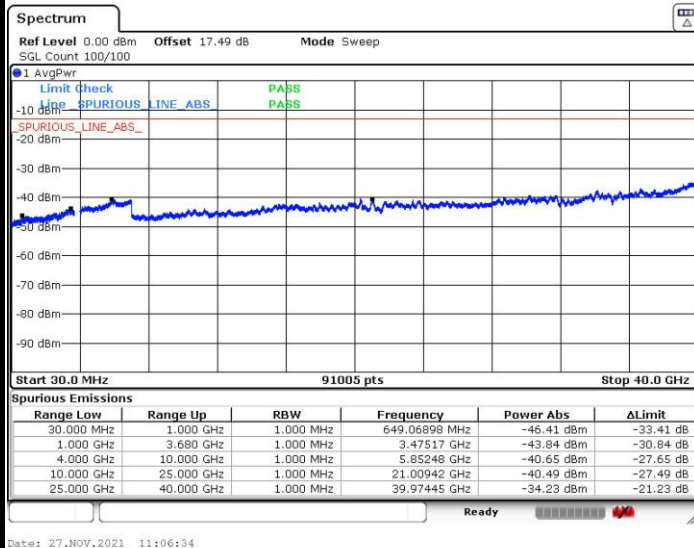
Lowest Channel / 1RB0



Middle Channel / 1RB0



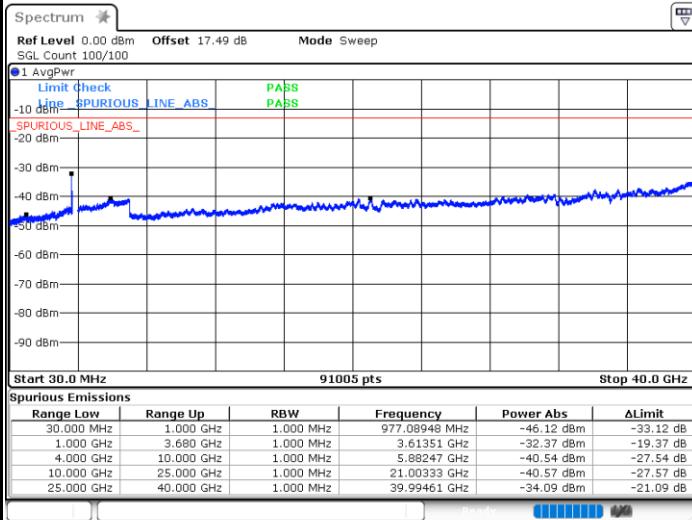
Highest Channel / 1RB0





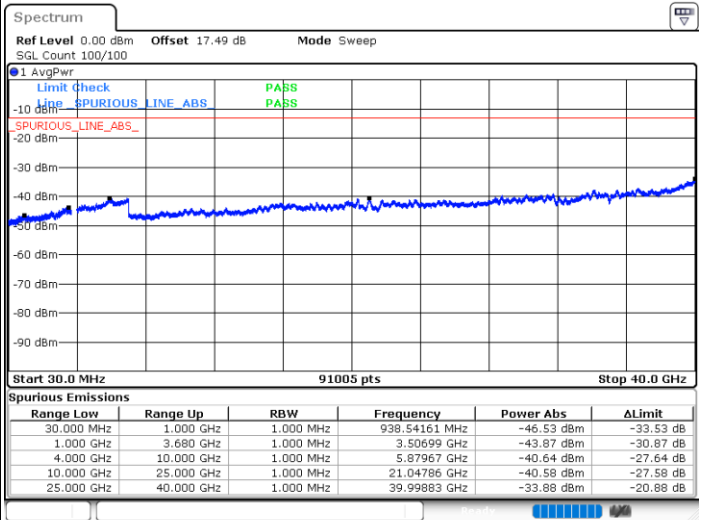
FR1 n77 / 90MHz / CP OFDM / QPSK

Lowest Channel / 1RB0



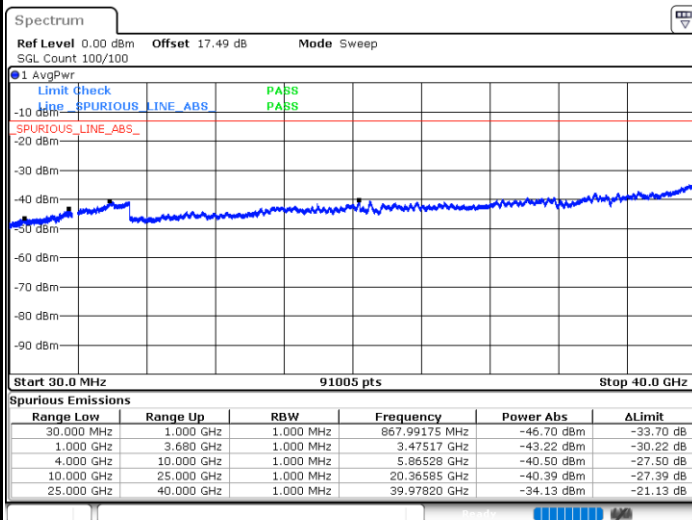
Date: 27.NOV.2021 09:04:54

Middle Channel / 1RB0



Date: 27.NOV.2021 08:45:37

Highest Channel / 1RB0

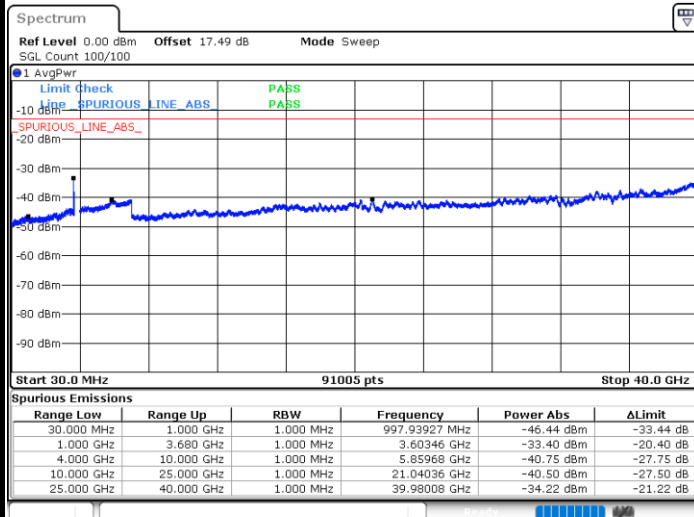


Date: 27.NOV.2021 10:13:51

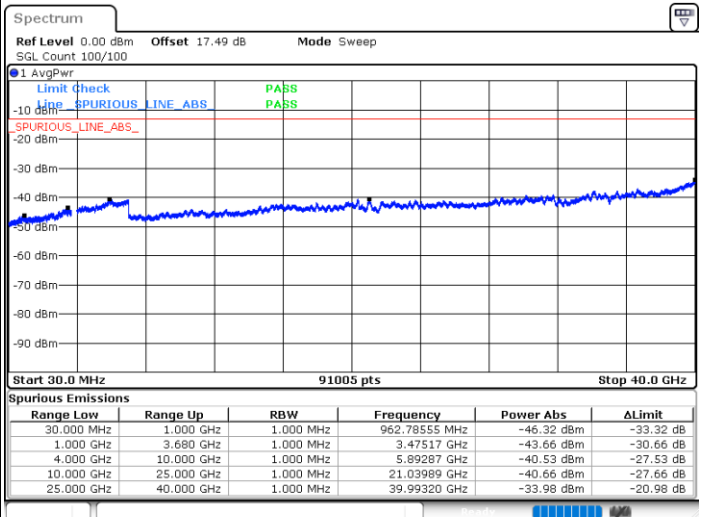


FR1 n77 / 100MHz / CP OFDM / QPSK

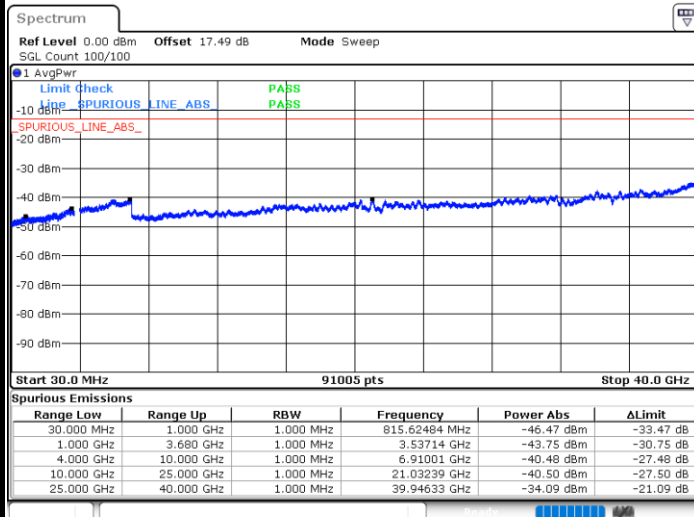
Lowest Channel / 1RB0



Middle Channel / 1RB0



Highest Channel / 1RB0



Frequency Stability

Test Conditions		FR1 n77 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0010	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0029	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0001	

Note:

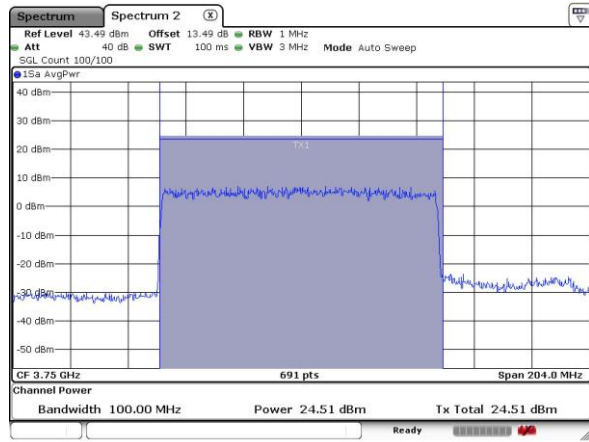
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. .Note: The frequency fundamental emissions stay within the authorized frequency block.

**FR1 n78****Peak-to-Average Ratio**

Mode	FR1 n78 / 100MHz / DFT-S OFDM				
Mod.	100M				Limit: 13dB
RB Size	BPSK	QPSK	16QAM	64QAM	Result
Middle CH	5.33	5.44	5.4	5.35	PASS
RB Size	256QAM				
Middle CH	5.43				

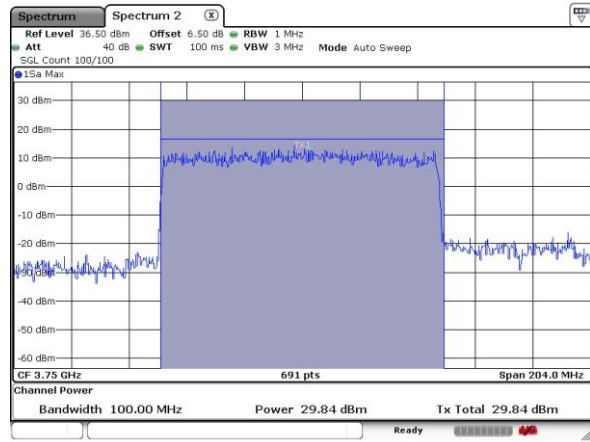


BPSK-A



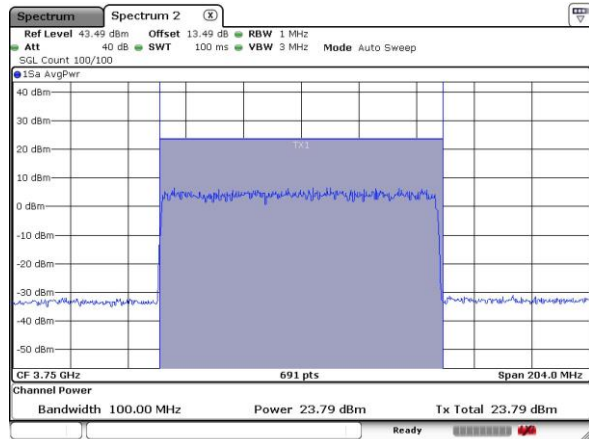
Date: 27.NOV.2021 10:25:38

BPSK-P



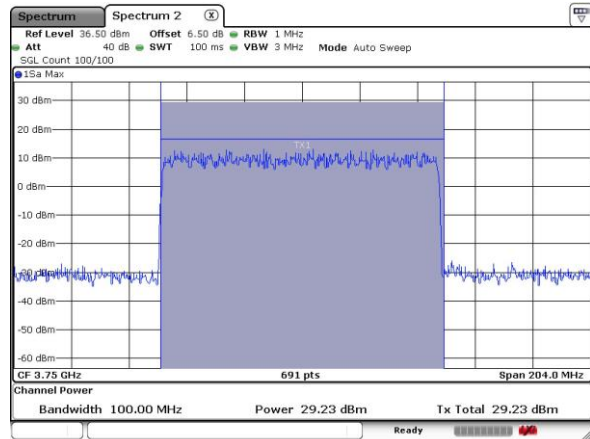
Date: 27.NOV.2021 10:24:39

QPSK-A



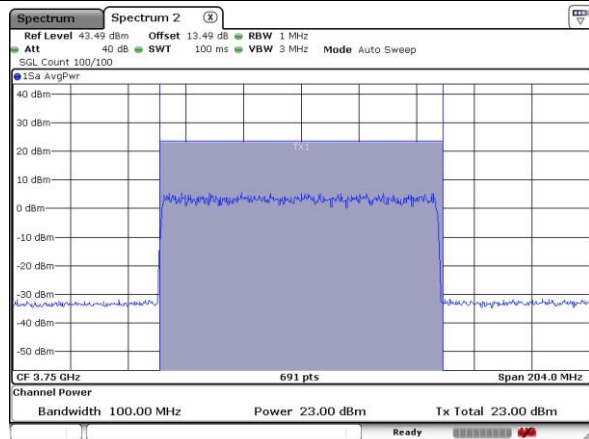
Date: 27.NOV.2021 10:26:13

QPSK-P



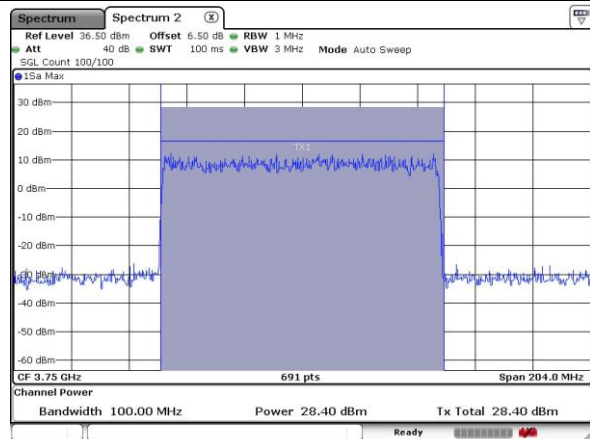
Date: 27.NOV.2021 10:26:43

16QAM-A



Date: 27.NOV.2021 10:29:02

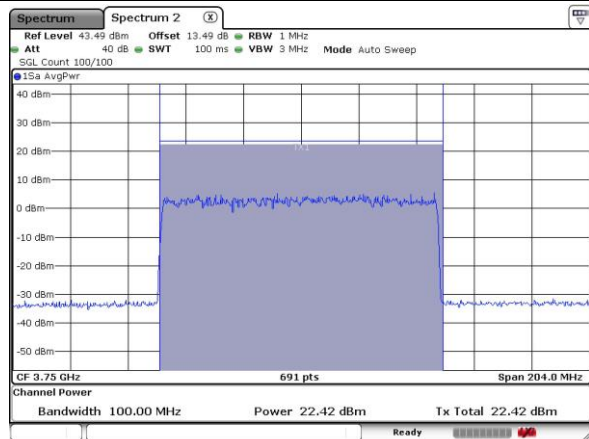
16QAM-P



Date: 27.NOV.2021 10:27:27

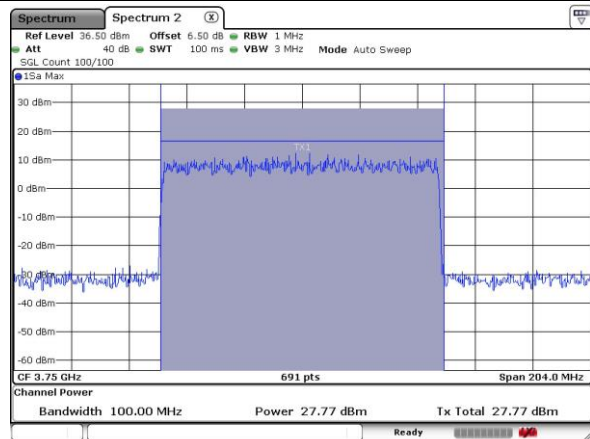


64QAM-A



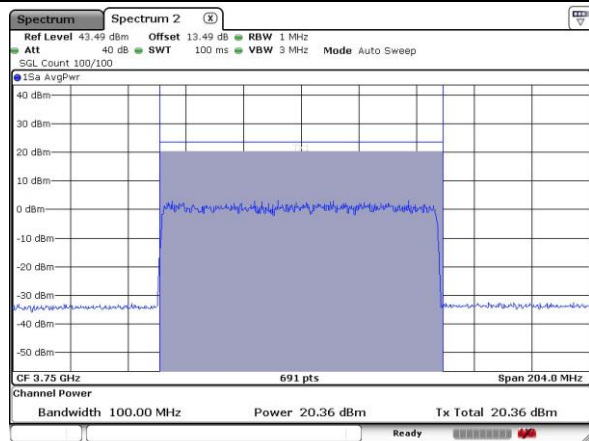
Date: 27.NOV.2021 10:29:48

64QAM-P



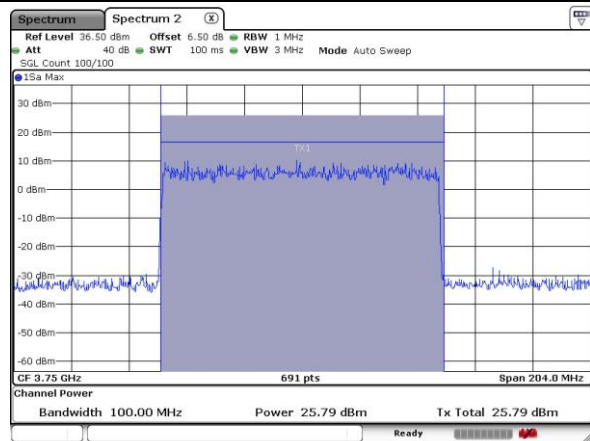
Date: 27.NOV.2021 10:30:26

256QAM-A



Date: 27.NOV.2021 10:32:16

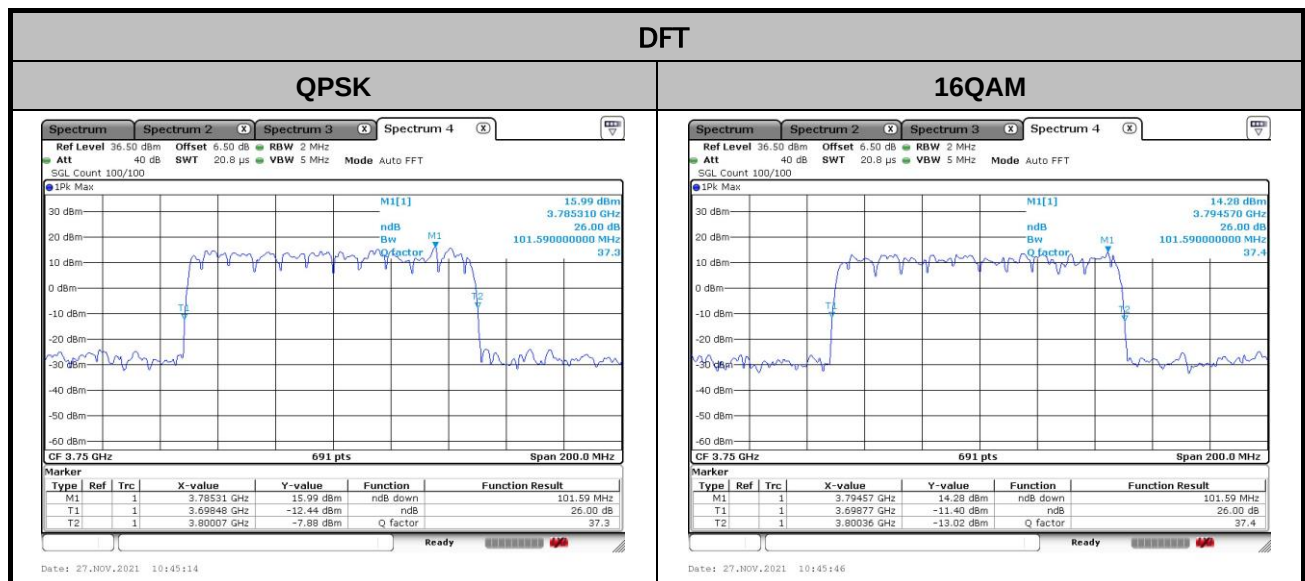
256QAM-P



Date: 27.NOV.2021 10:33:31

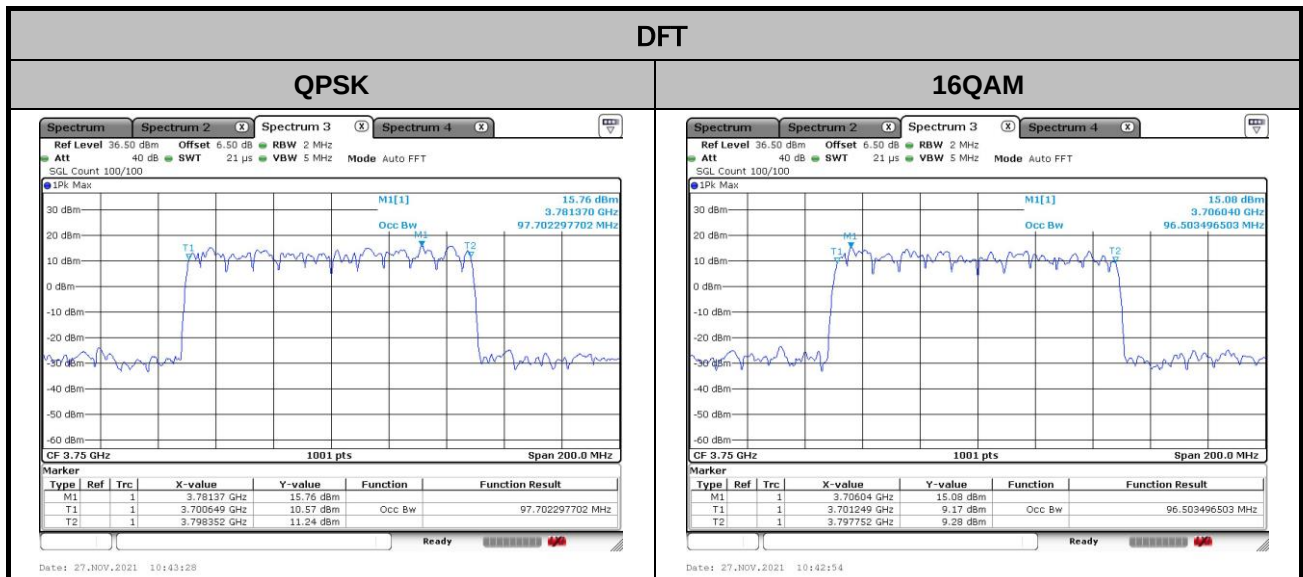
26dB Bandwidth

Mode	FR1 n78 : 26dB BW(MHz) / DFT-S OFDM	
BW	DFT	
Mod.	QPSK	16QAM
Middle CH	101.59	101.59



Occupied Bandwidth

Mode	FR1 n78: OB BW(MHz) / DFT-S OFDM	
BW	DFT	
Mod.	QPSK	16QAM
Middle CH	97.70	96.50

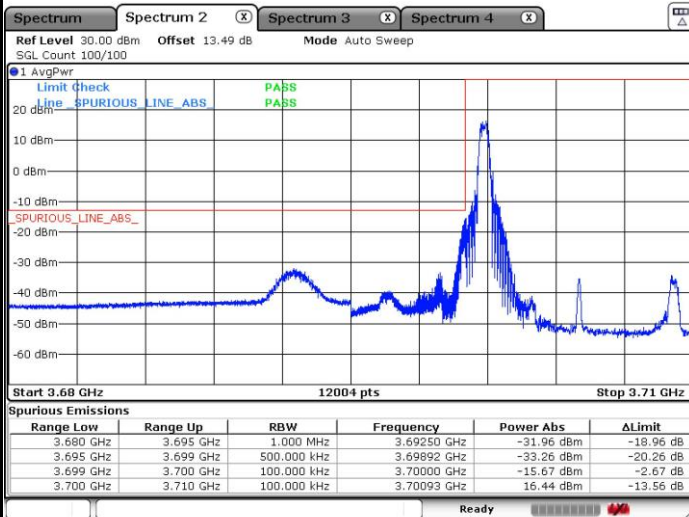


**Conducted Band Edge**

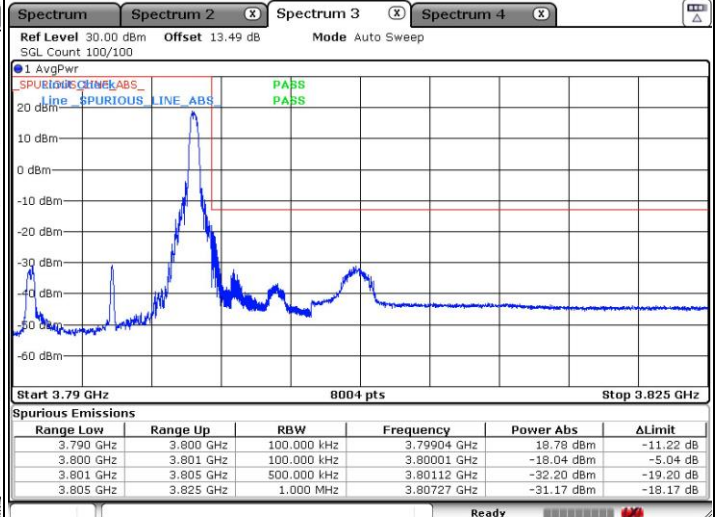
FR1 n78 / 10MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



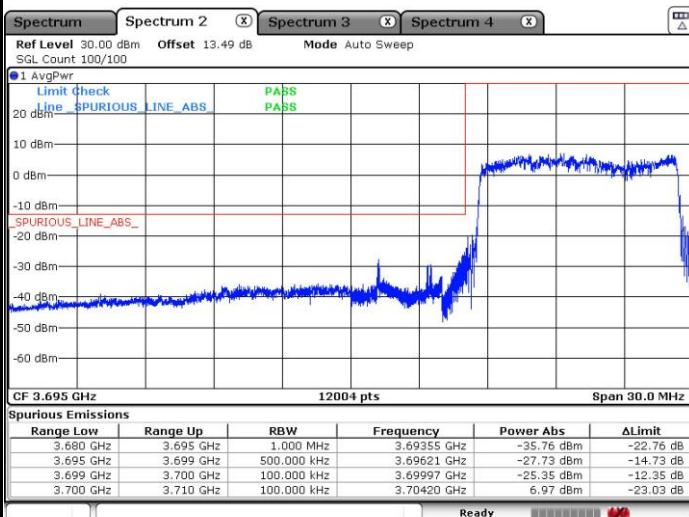
Date: 3.DEC.2021 04:33:05



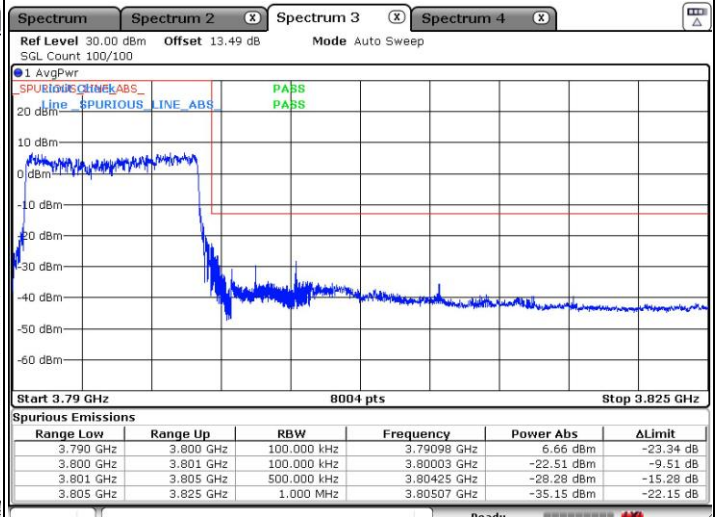
Date: 3.DEC.2021 04:00:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2021 04:03:12



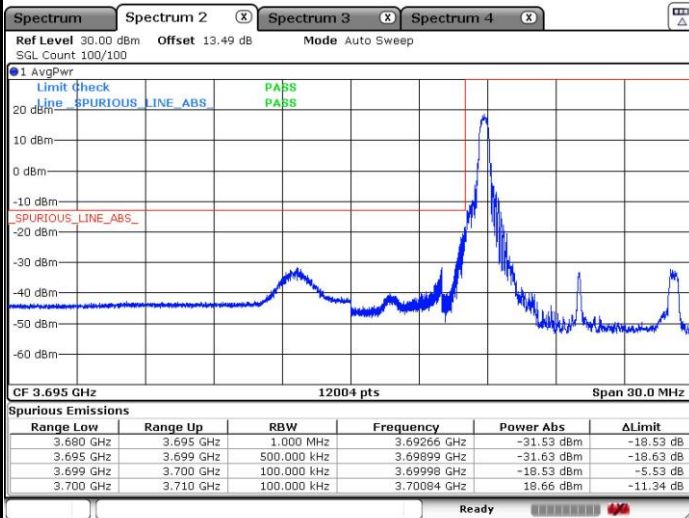
Date: 3.DEC.2021 04:02:03



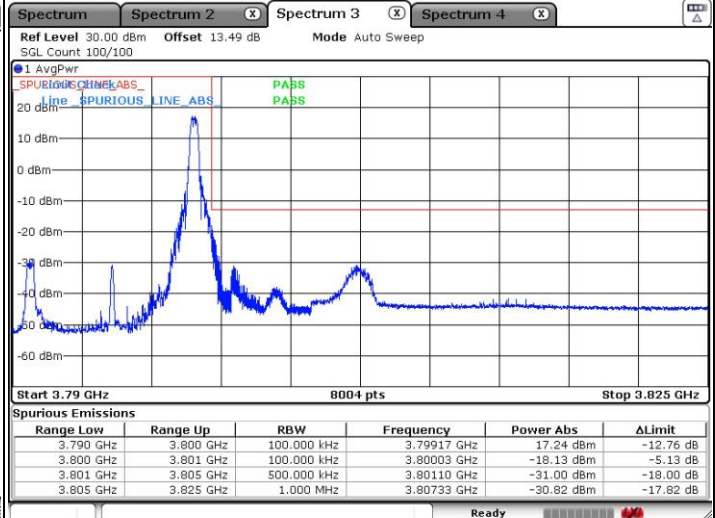
FR1 n78 / 10MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



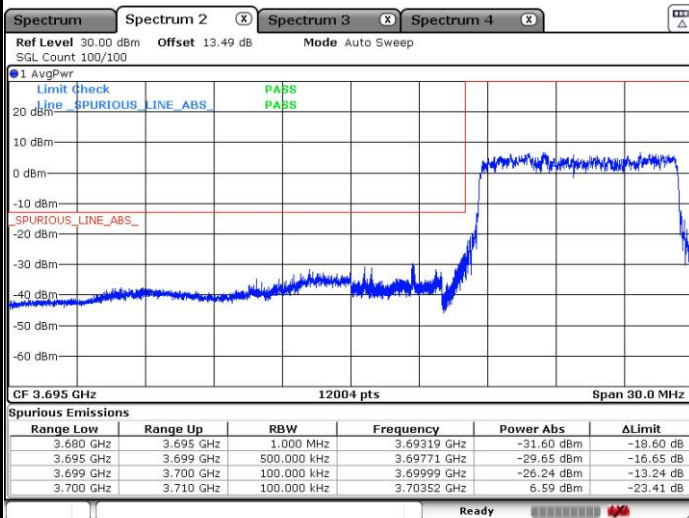
Date: 3.DEC.2021 04:06:25



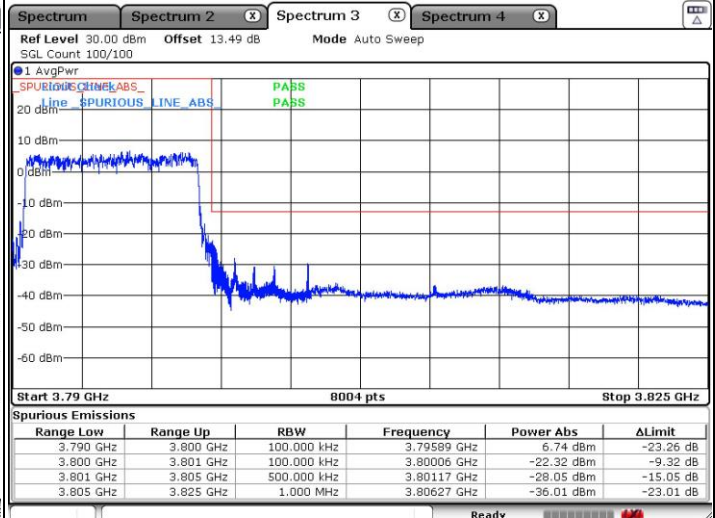
Date: 3.DEC.2021 03:58:18

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2021 04:03:34



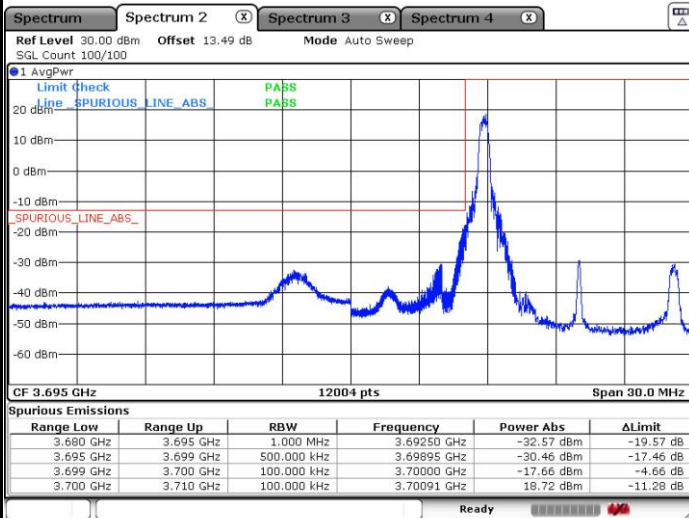
Date: 3.DEC.2021 04:01:41



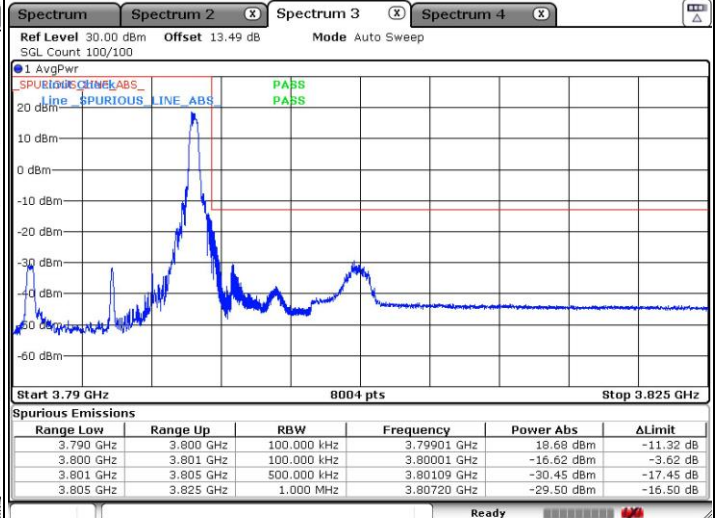
FR1 n78 / 10MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



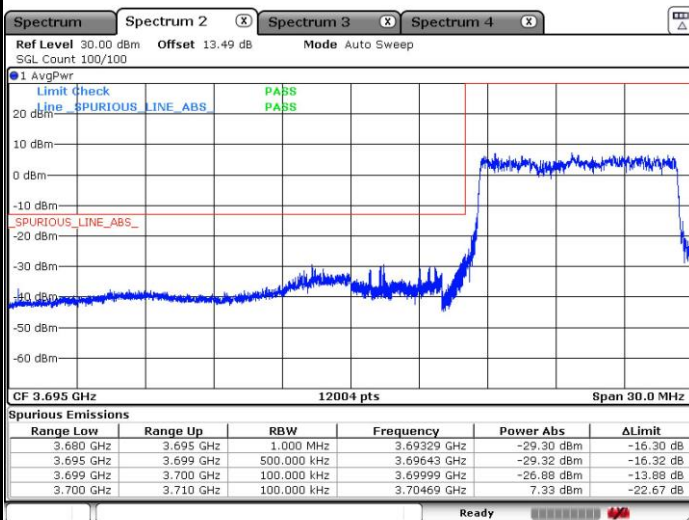
Date: 3.DEC.2021 04:06:03



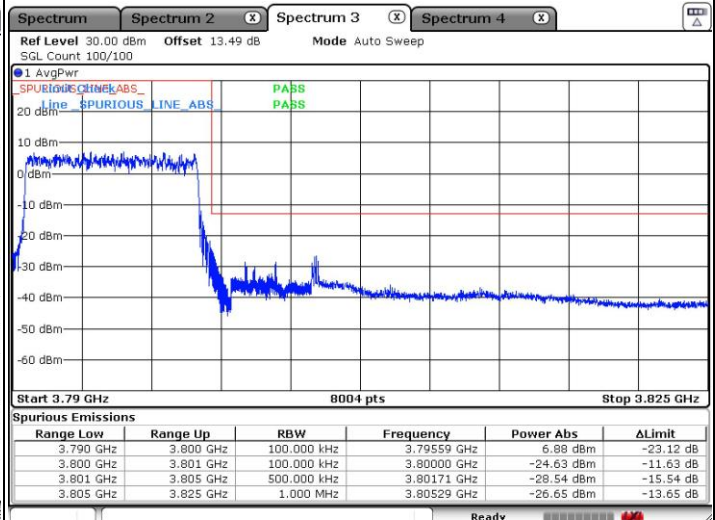
Date: 3.DEC.2021 03:58:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2021 04:03:53

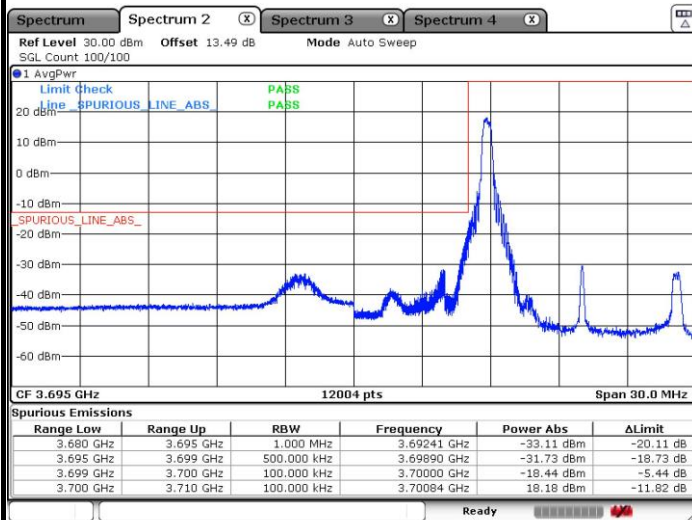


Date: 3.DEC.2021 04:01:25



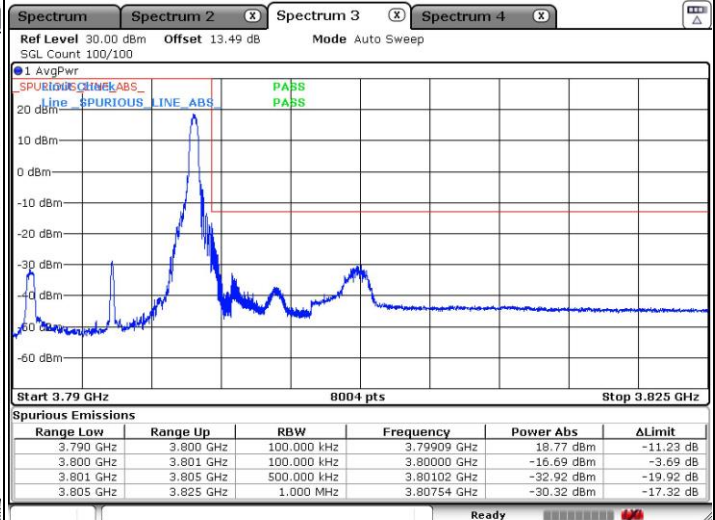
FR1 n78 / 10MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0



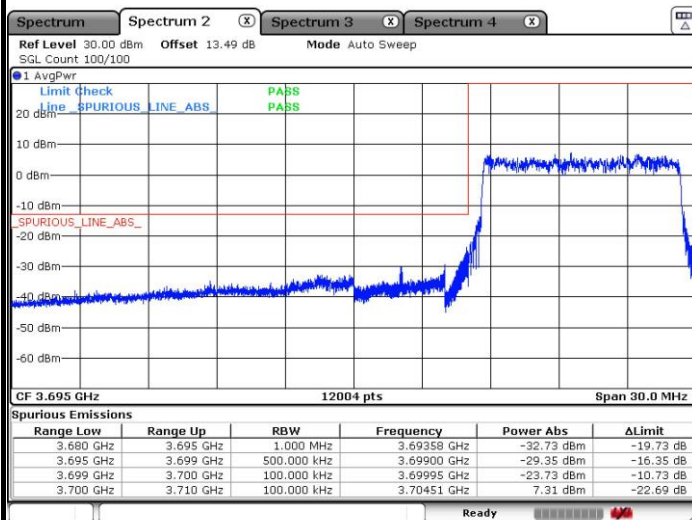
Date: 3.DEC.2021 04:05:40

Highest Band Edge / 1RB24



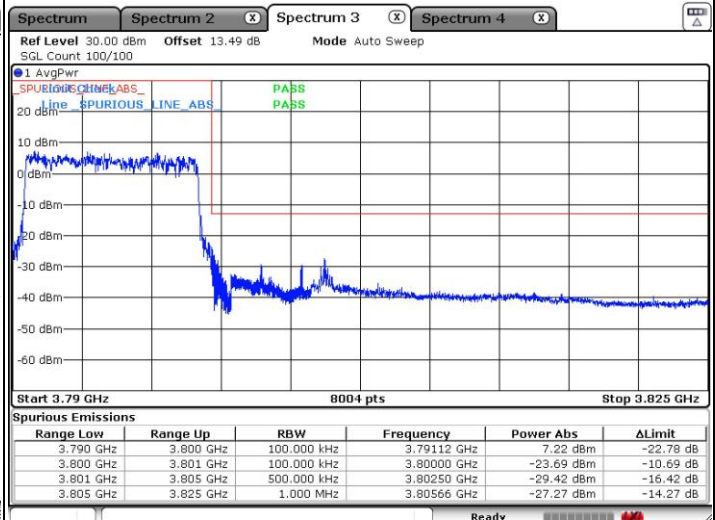
Date: 3.DEC.2021 03:59:36

Lowest Band Edge / Full RB



Date: 3.DEC.2021 04:04:28

Highest Band Edge / Full RB

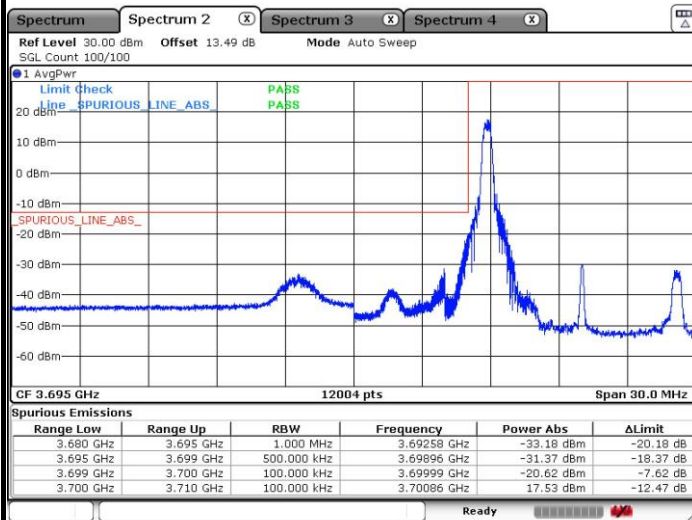


Date: 3.DEC.2021 04:01:08



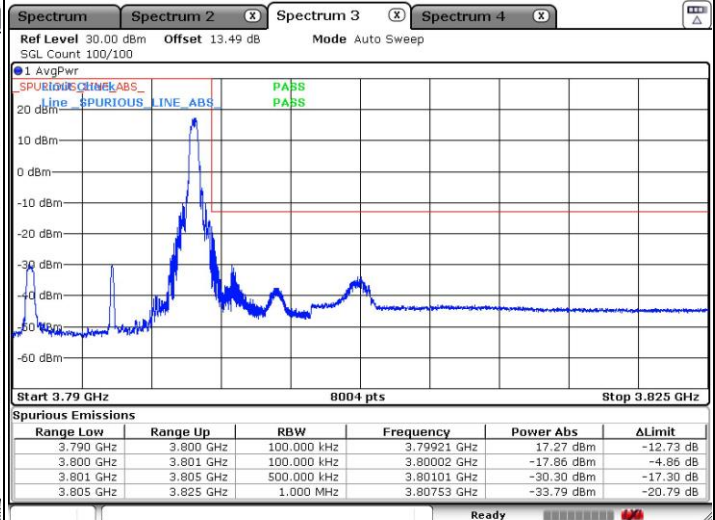
FR1 n78 / 10MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0



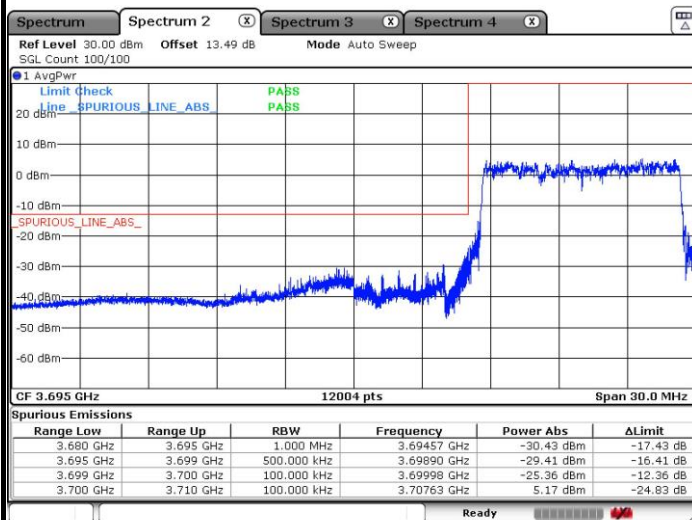
Date: 3.DEC.2021 04:05:12

Highest Band Edge / 1RB24



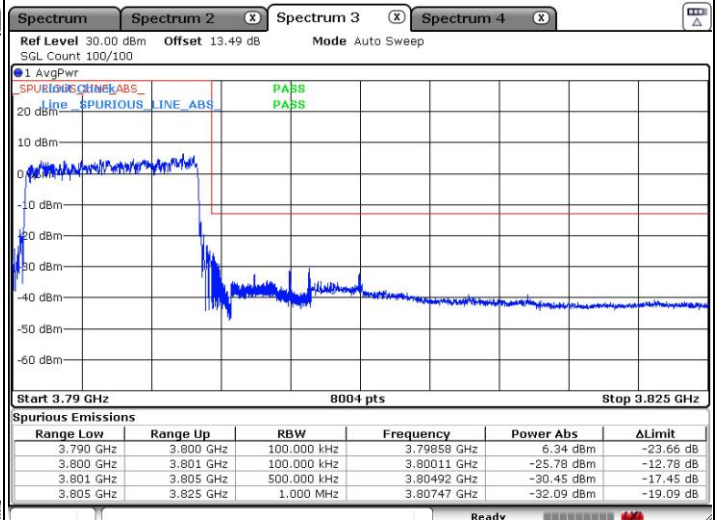
Date: 3.DEC.2021 04:00:27

Lowest Band Edge / Full RB



Date: 3.DEC.2021 04:04:51

Highest Band Edge / Full RB



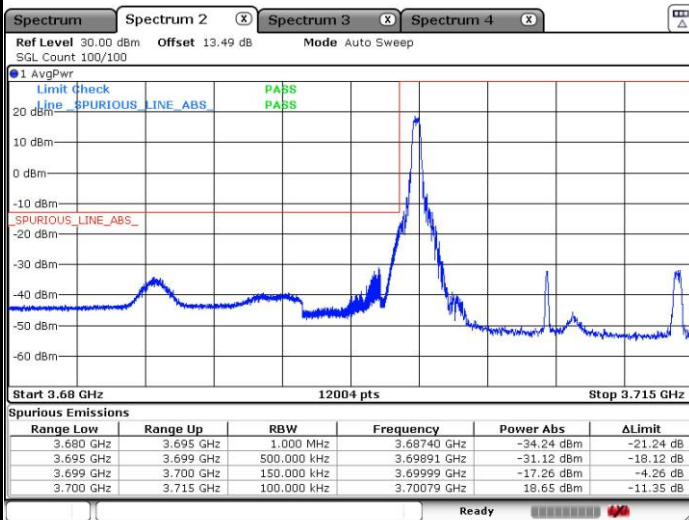
Date: 3.DEC.2021 04:00:49



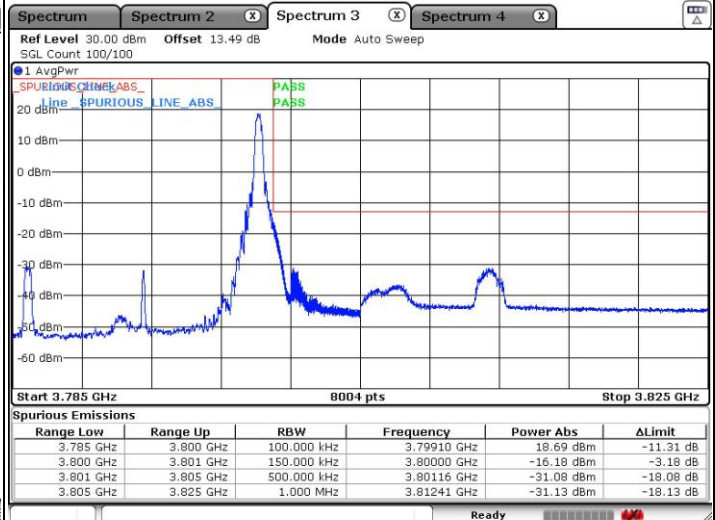
FR1 n78 / 15MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



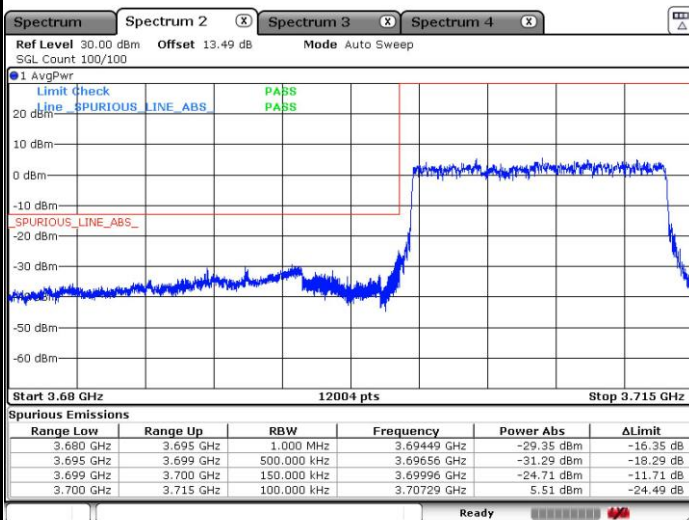
Date: 3.DEC.2021 04:12:39



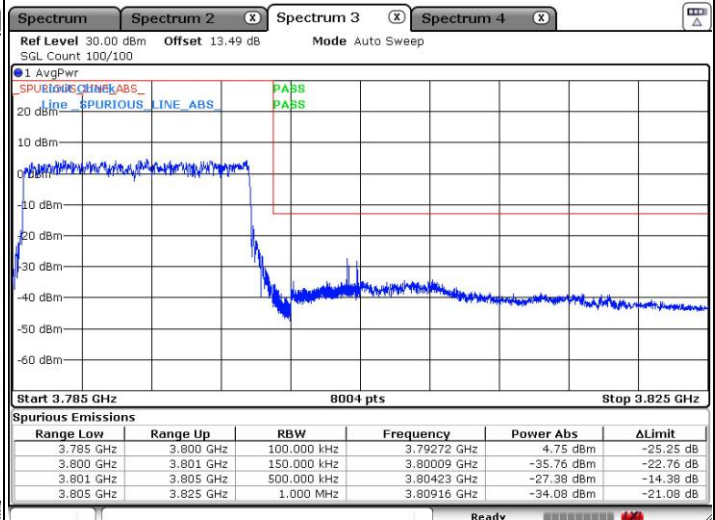
Date: 3.DEC.2021 04:18:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2021 04:31:39



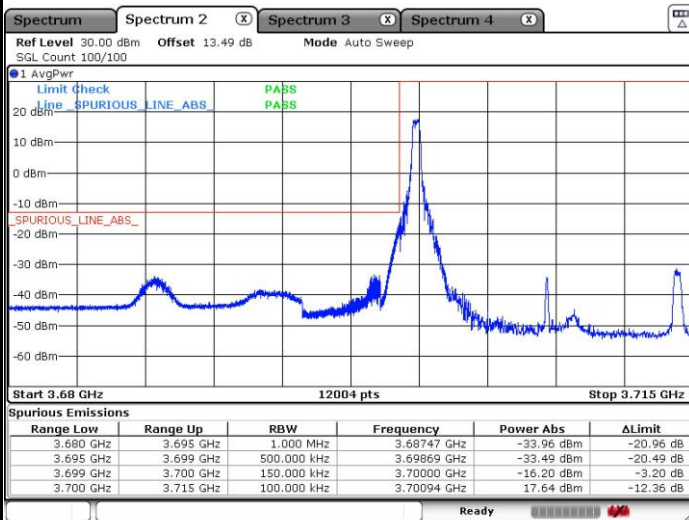
Date: 3.DEC.2021 04:21:33



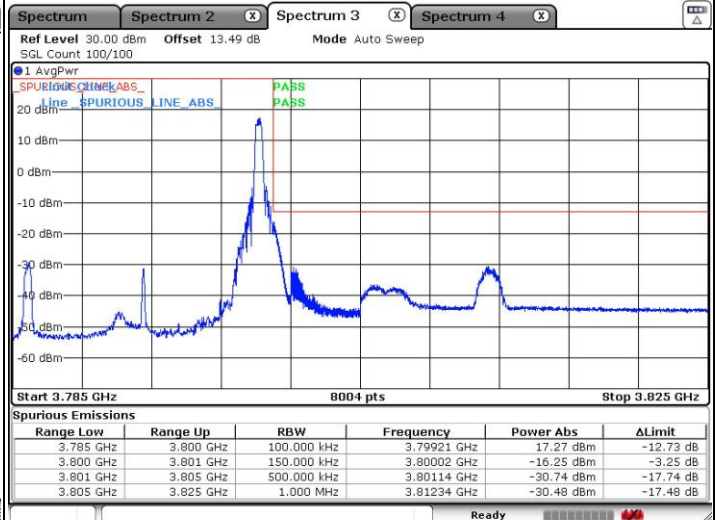
FR1 n78 / 15MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



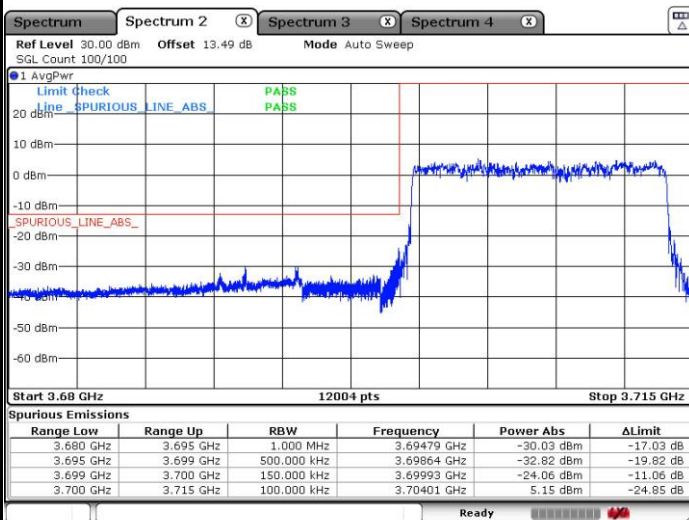
Date: 3.DEC.2021 04:11:49



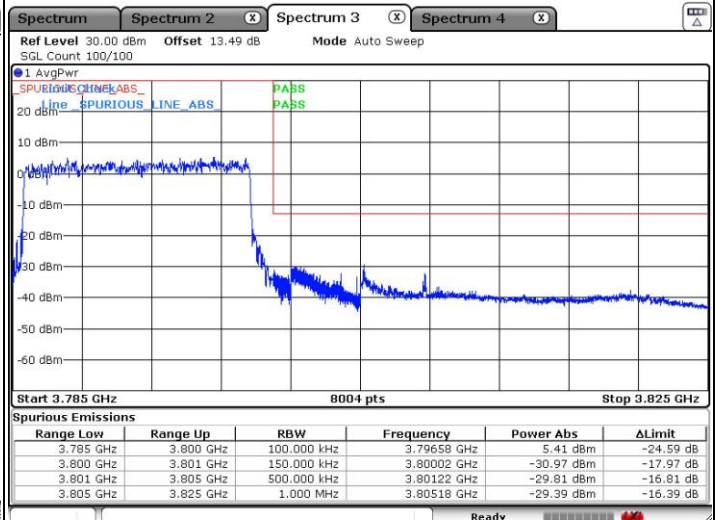
Date: 3.DEC.2021 04:16:04

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2021 04:08:42



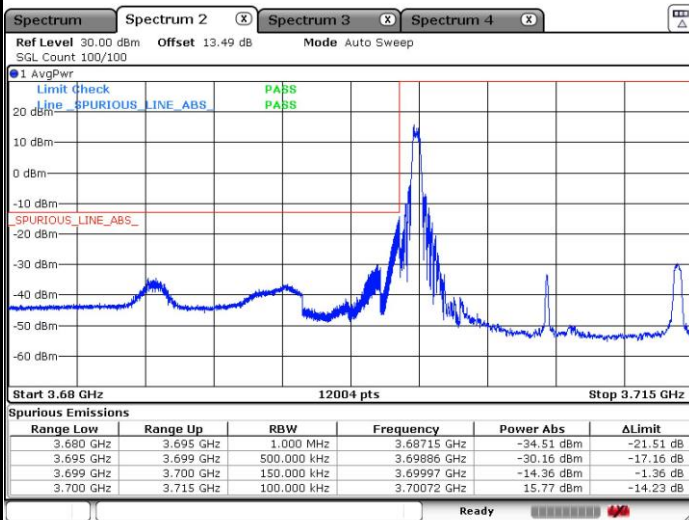
Date: 3.DEC.2021 04:21:10



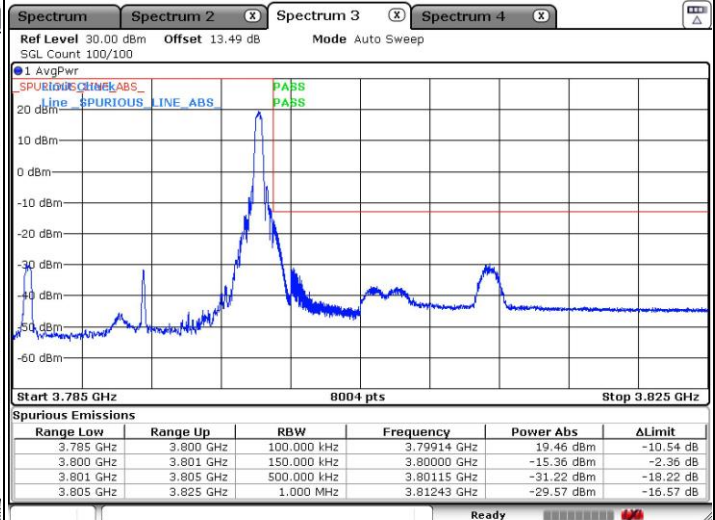
FR1 n78 / 15MHz / DFT-S OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



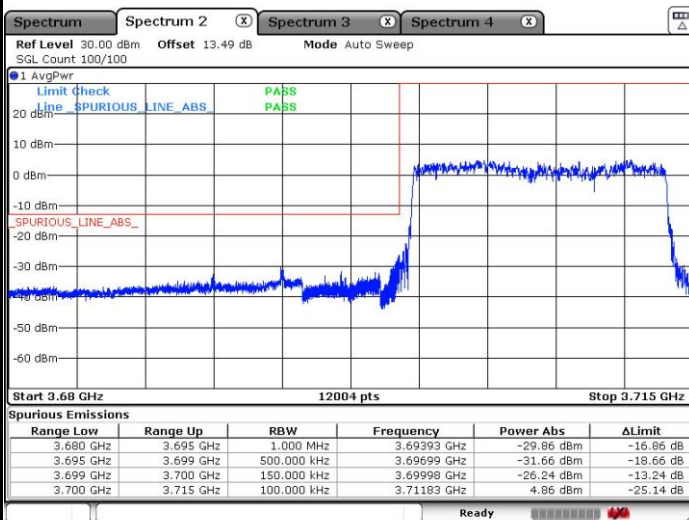
Date: 3.DEC.2021 04:11:08



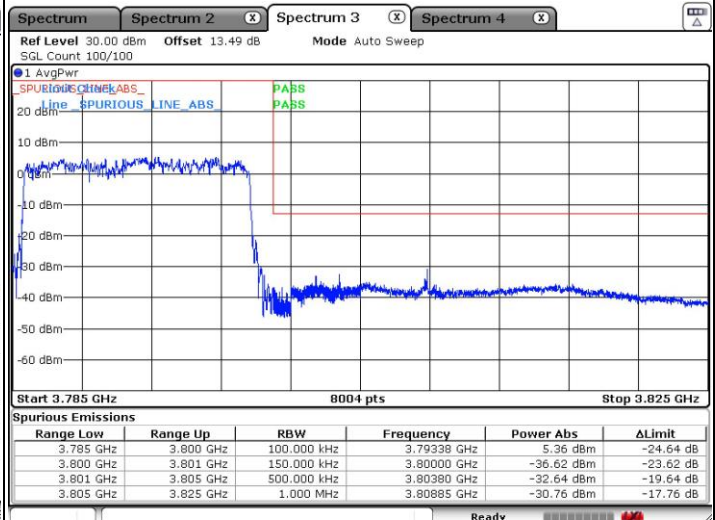
Date: 3.DEC.2021 04:17:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2021 04:08:08

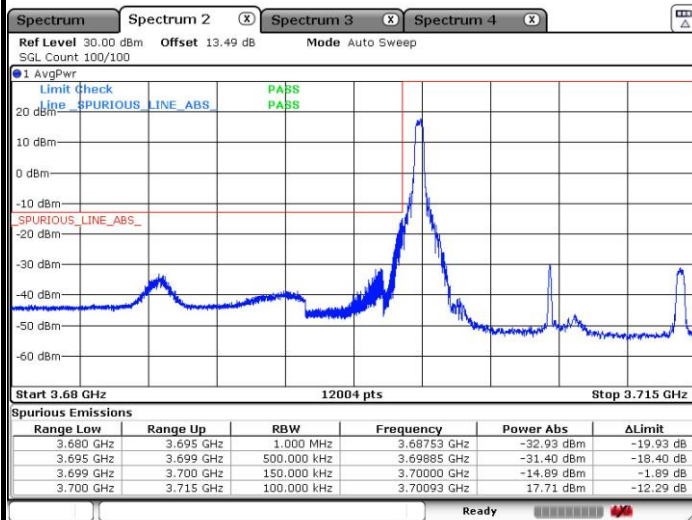


Date: 3.DEC.2021 04:20:49



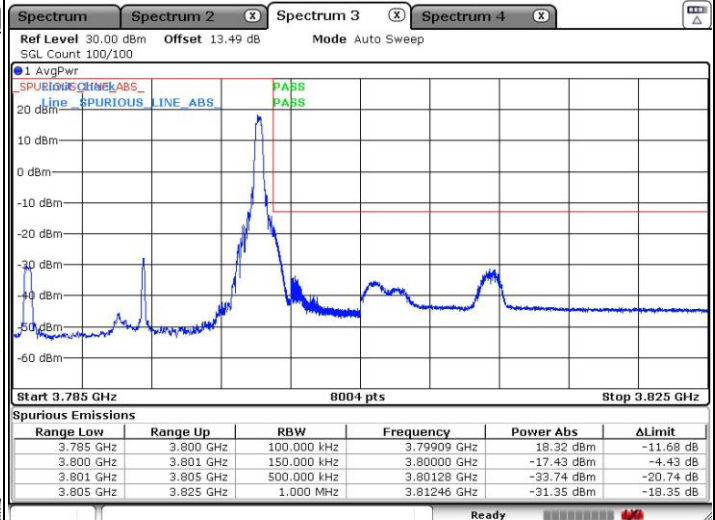
FR1 n78 / 15MHz / DFT-S OFDM / 64Q

Lowest Band Edge / 1RB0



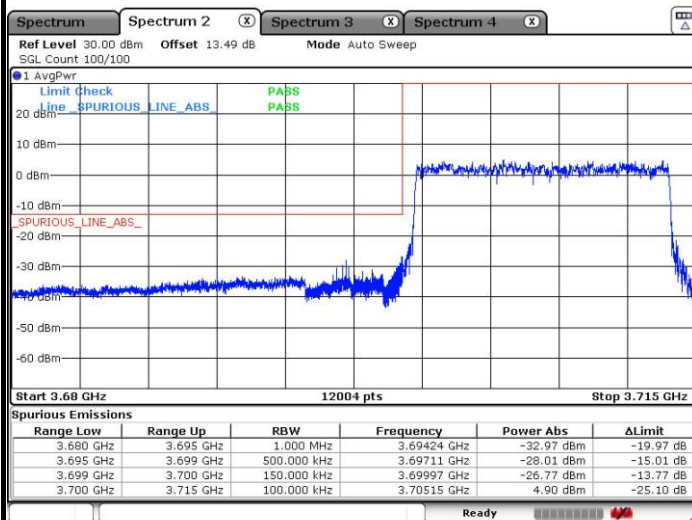
Date: 3.DEC.2021 04:10:14

Highest Band Edge / 1RB24



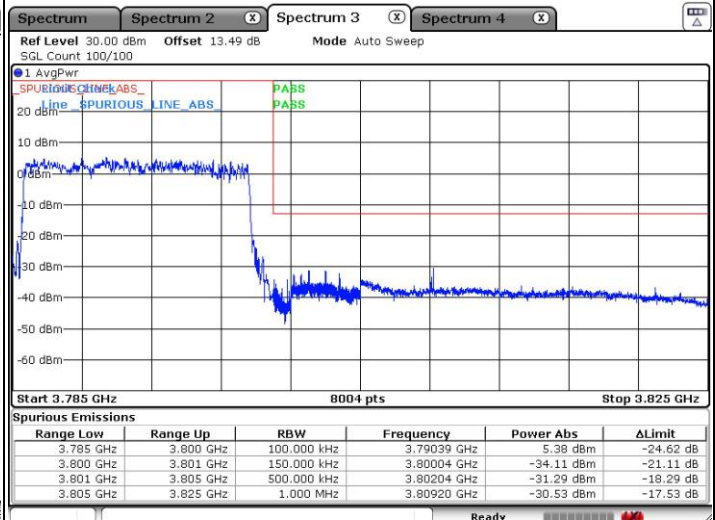
Date: 3.DEC.2021 04:17:49

Lowest Band Edge / Full RB



Date: 3.DEC.2021 04:09:08

Highest Band Edge / Full RB

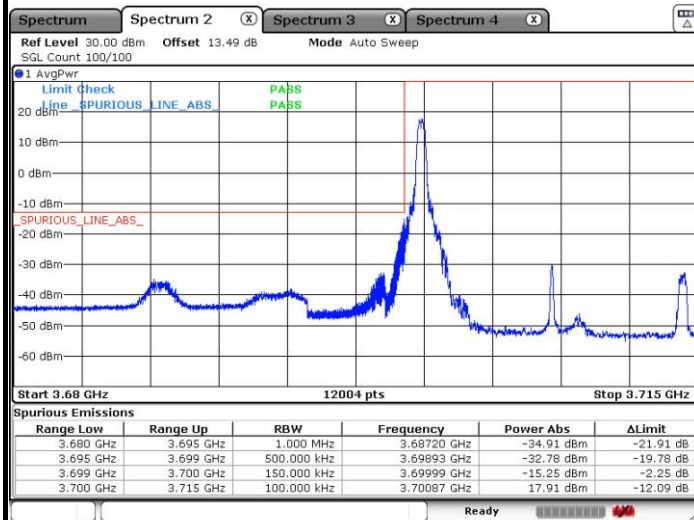


Date: 3.DEC.2021 04:20:22



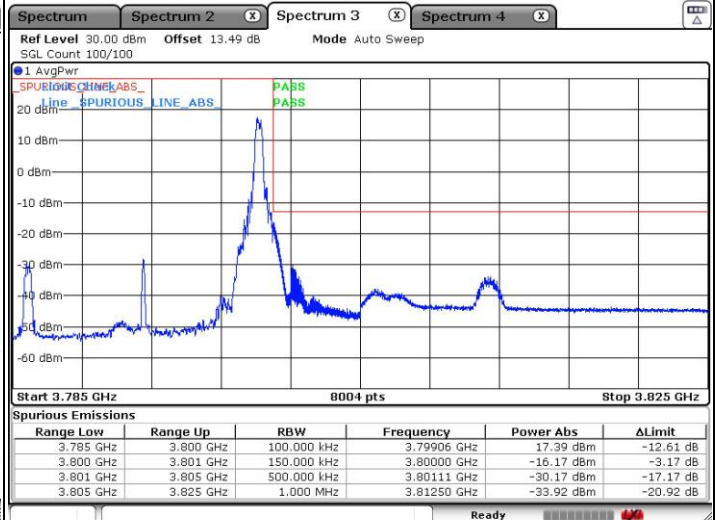
FR1 n78 / 15MHz / DFT-S OFDM / 256Q

Lowest Band Edge / 1RB0



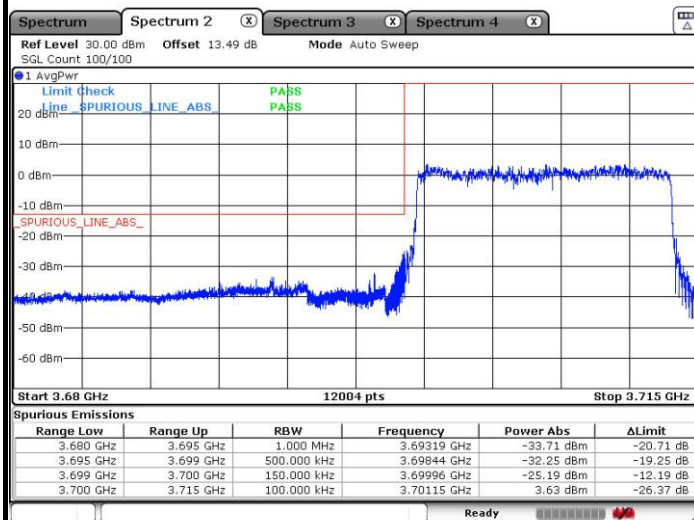
Date: 3.DEC.2021 04:09:52

Highest Band Edge / 1RB24



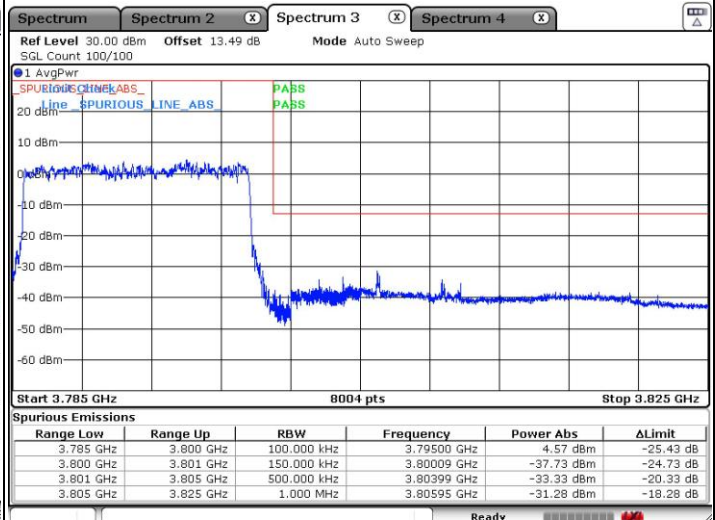
Date: 3.DEC.2021 04:19:23

Lowest Band Edge / Full RB



Date: 3.DEC.2021 04:09:33

Highest Band Edge / Full RB



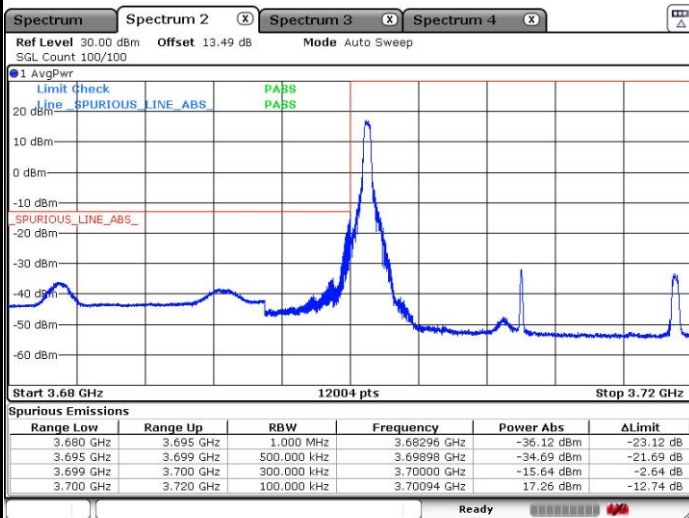
Date: 3.DEC.2021 04:19:56



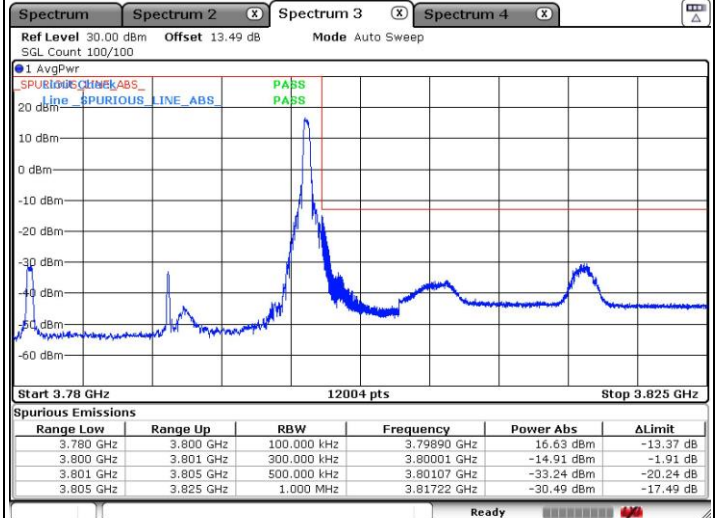
FR1 n78 / 20MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



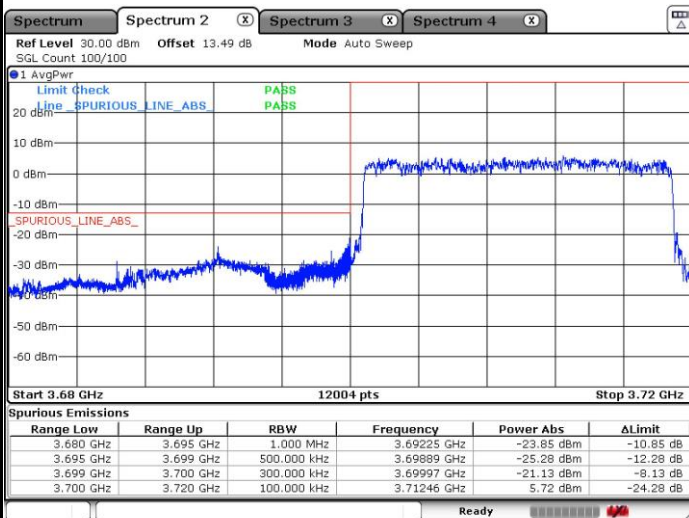
Date: 28.NOV.2021 08:24:24



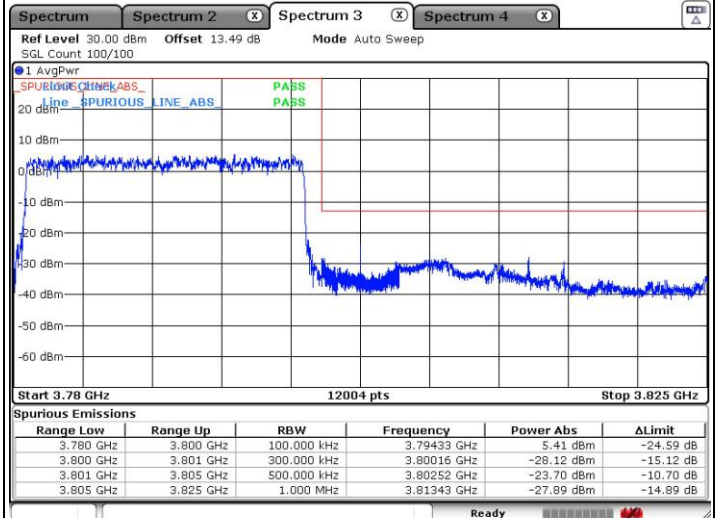
Date: 28.NOV.2021 09:01:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.NOV.2021 08:30:07



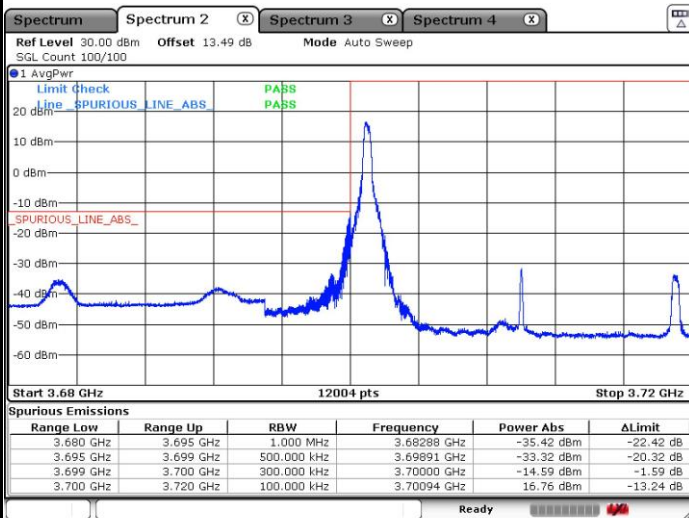
Date: 28.NOV.2021 09:00:38



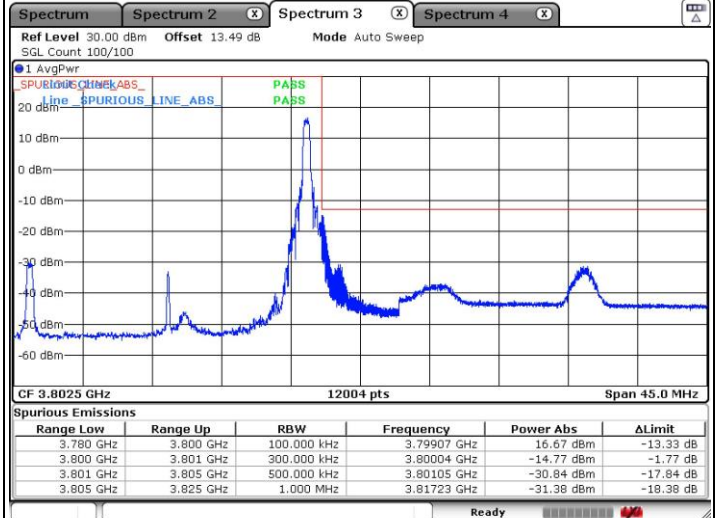
FR1 n78 / 20MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



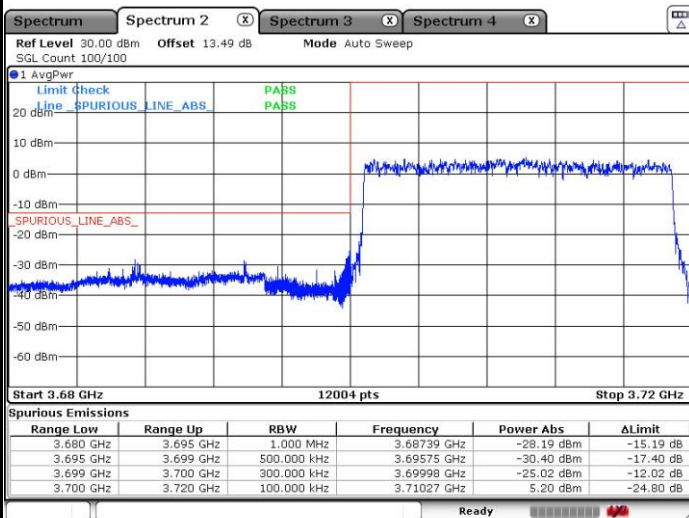
Date: 28.NOV.2021 08:24:52



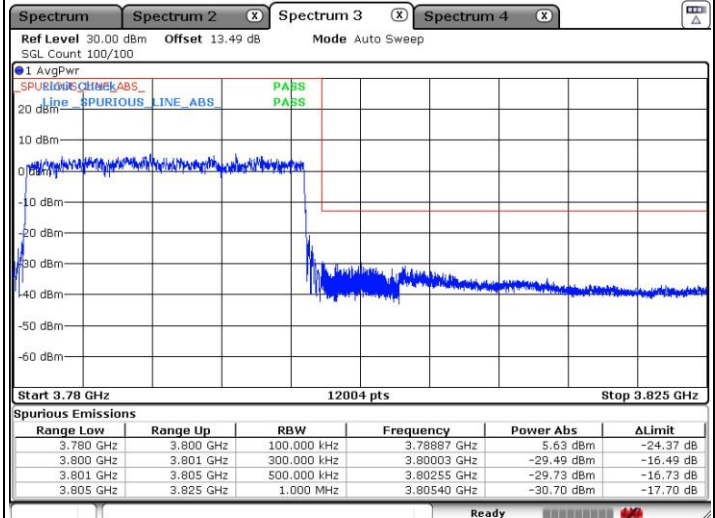
Date: 28.NOV.2021 08:39:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.NOV.2021 08:29:26

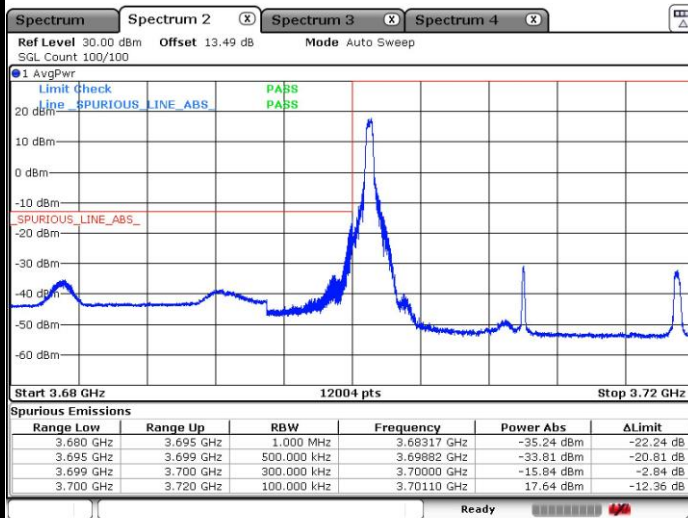


Date: 28.NOV.2021 08:54:23

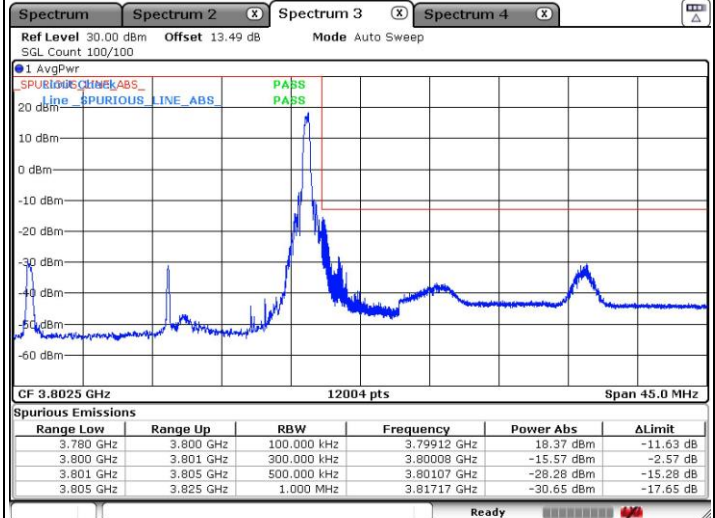


FR1 n78 / 20MHz / DFT-S OFDM / 16Q

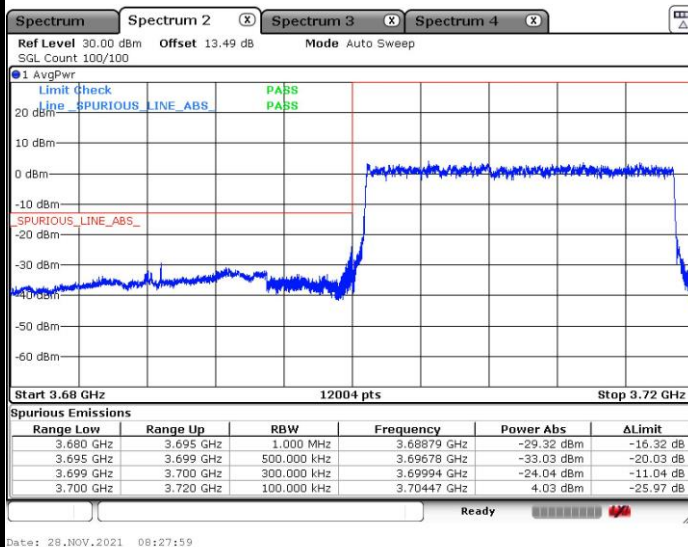
Lowest Band Edge / 1RB0



Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

