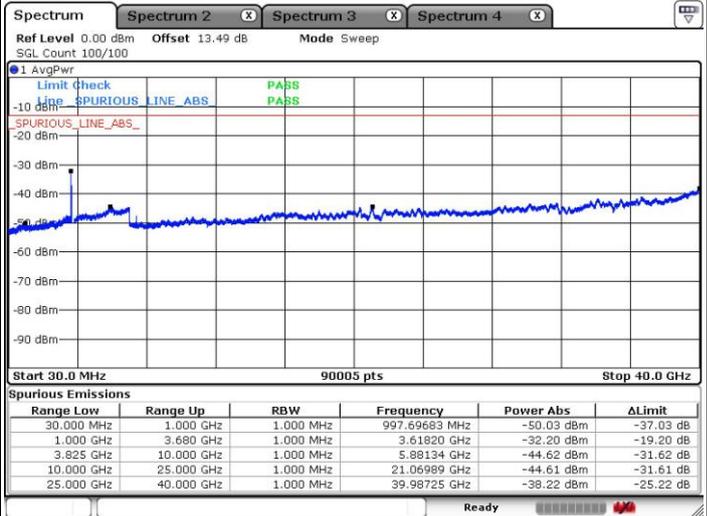
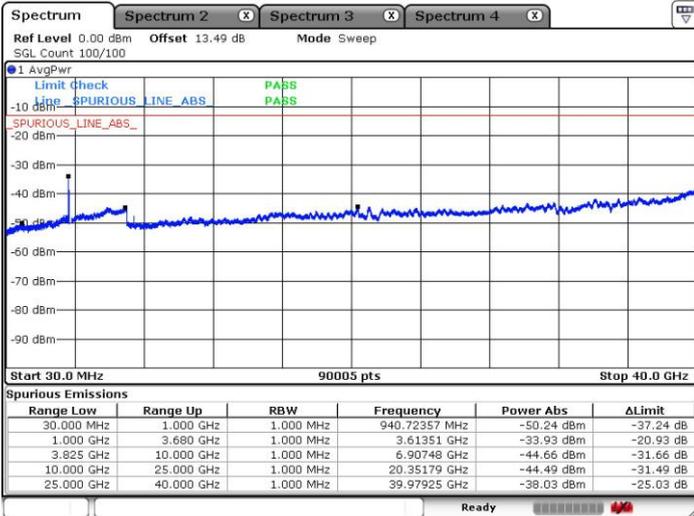




FR1 n78 / 90MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

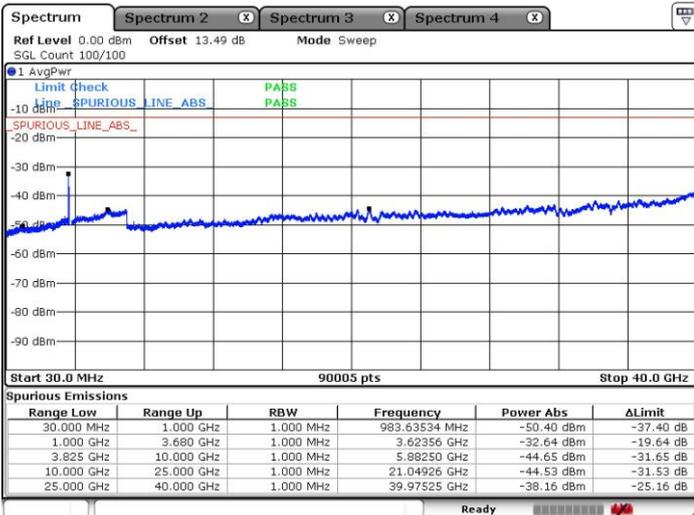
Middle Channel / 1RB1



Date: 28.NOV.2021 14:09:59

Date: 28.NOV.2021 14:38:33

Highest Channel / 1RB1

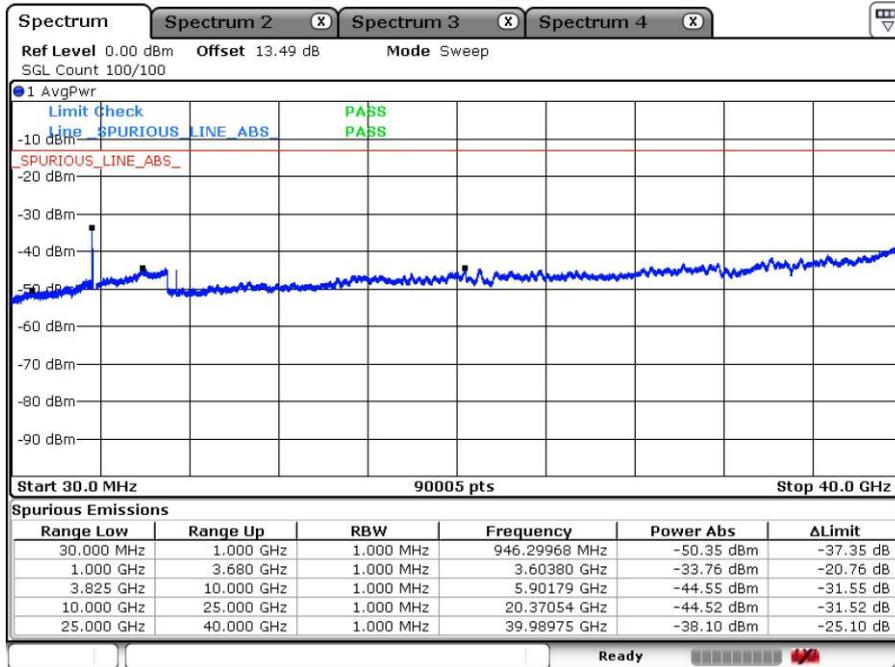


Date: 28.NOV.2021 14:40:43



FR1 n78 / 100MHz / DFT-S OFDM / QPSK

Middle Channel / 1RB1



Date: 28_NOV_2021 16:05:07



Frequency Stability

Test Conditions		FR1 n41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0010	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0030	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0031	

Note:

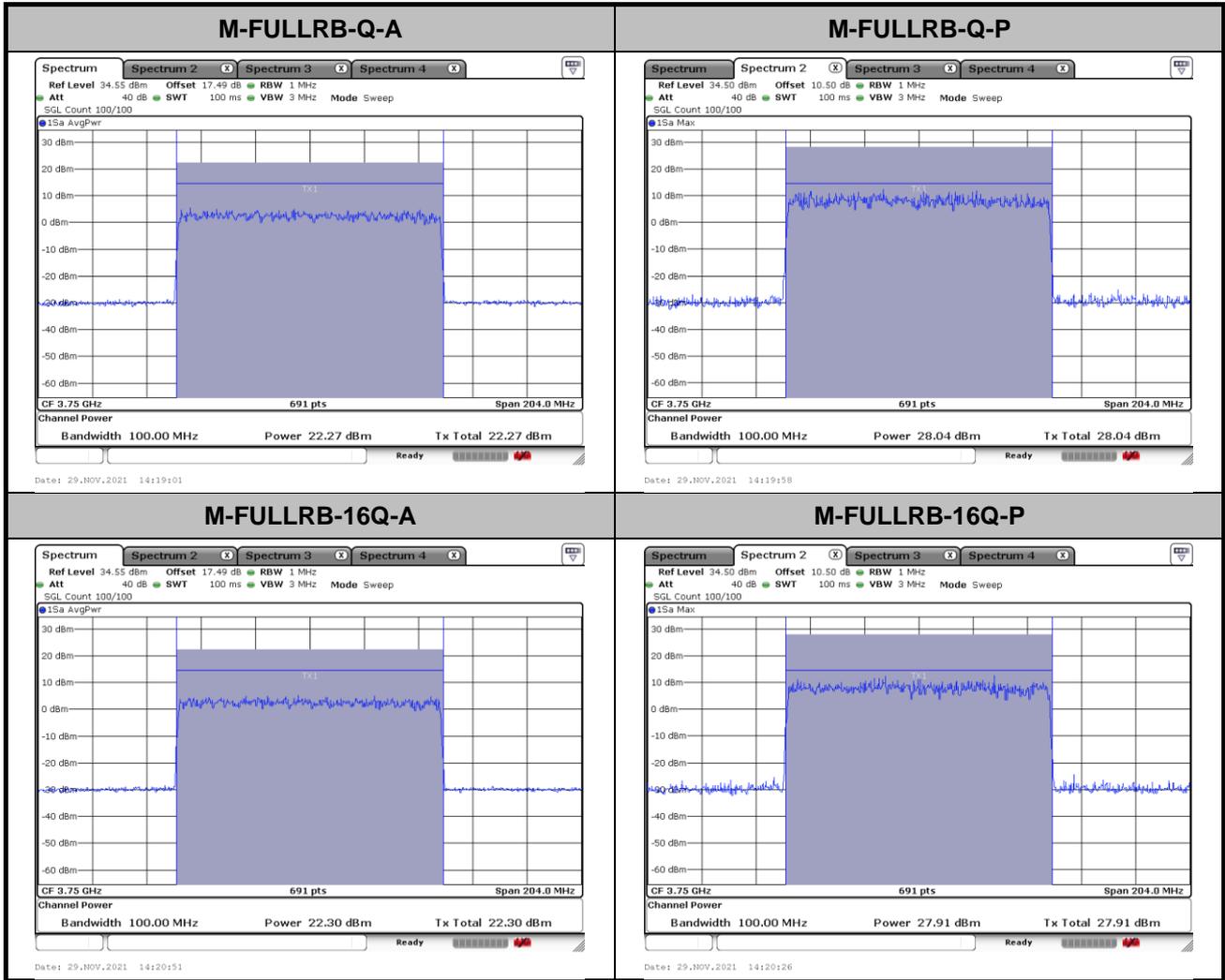
- 1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
- 2. Note: The frequency fundamental emissions stay within the authorized frequency block.

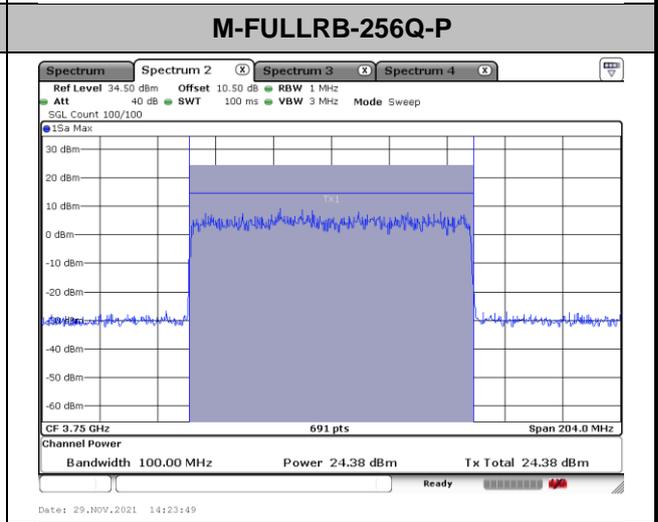
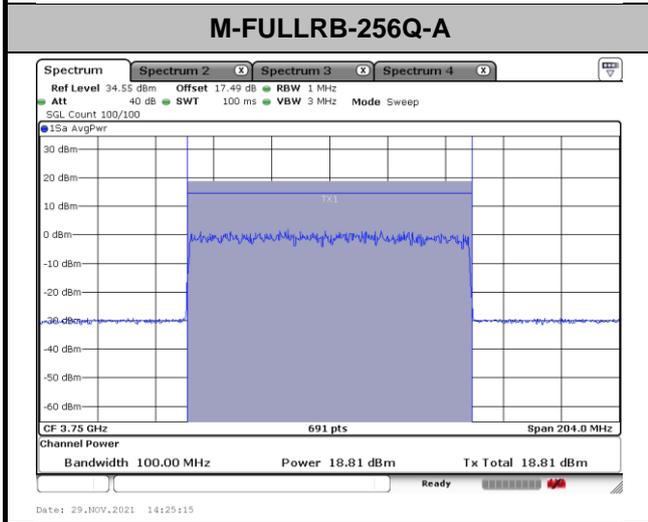
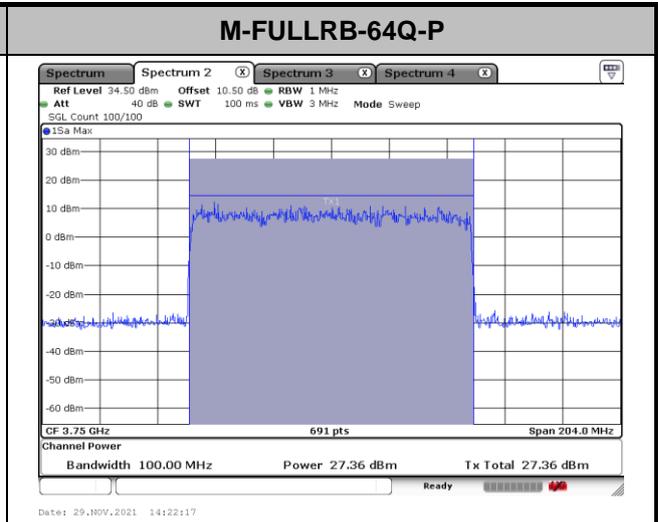
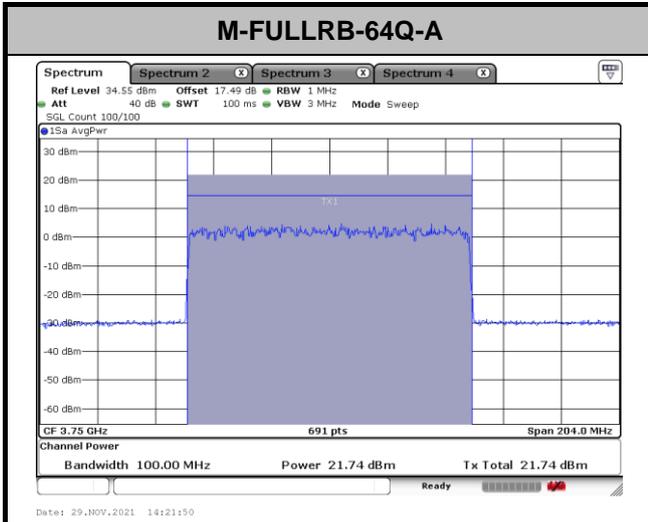


FR1 n78

Peak-to-Average Ratio

Mode	FR1 n78 / 100MHz / CP OFDM				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.77	5.61	5.62	5.57	PASS

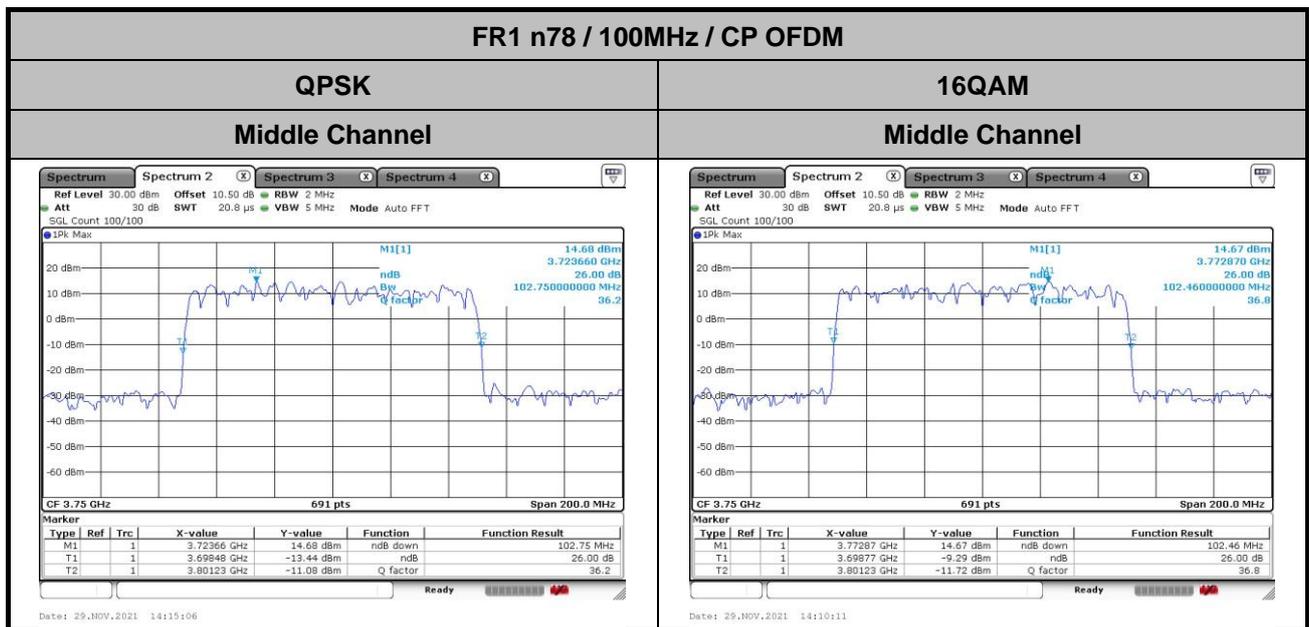






26dB Bandwidth

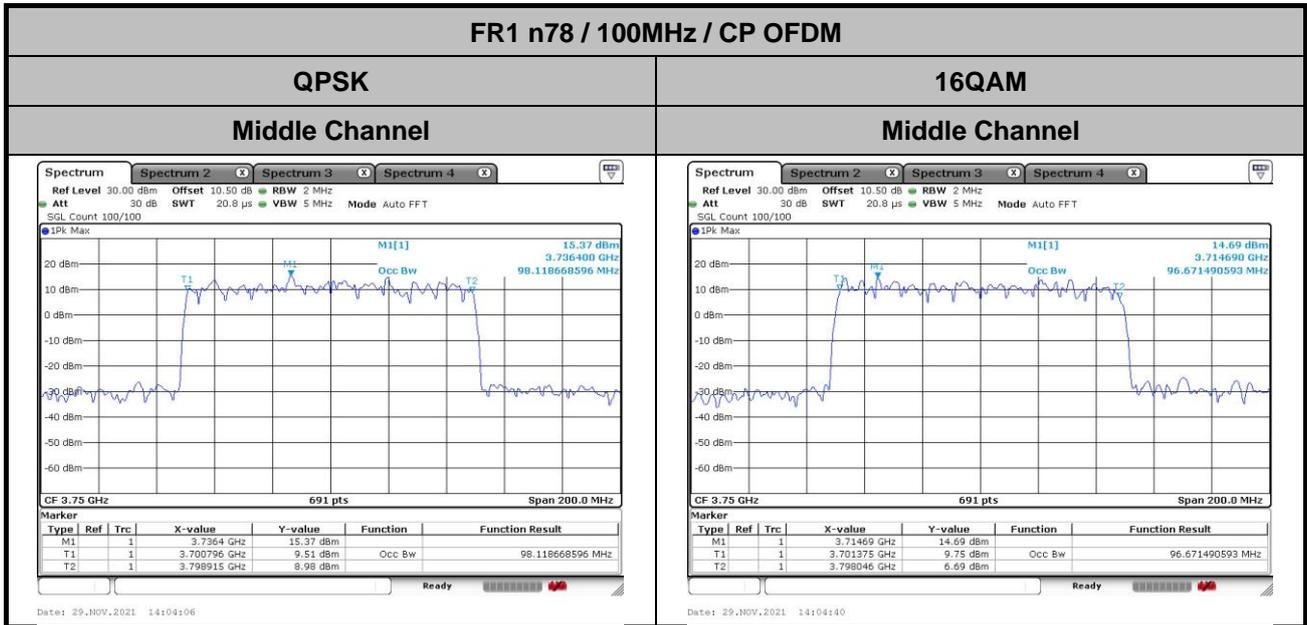
BW	100MHz	
Mod.	QPSK	16QAM
Middle CH	102.75	102.46





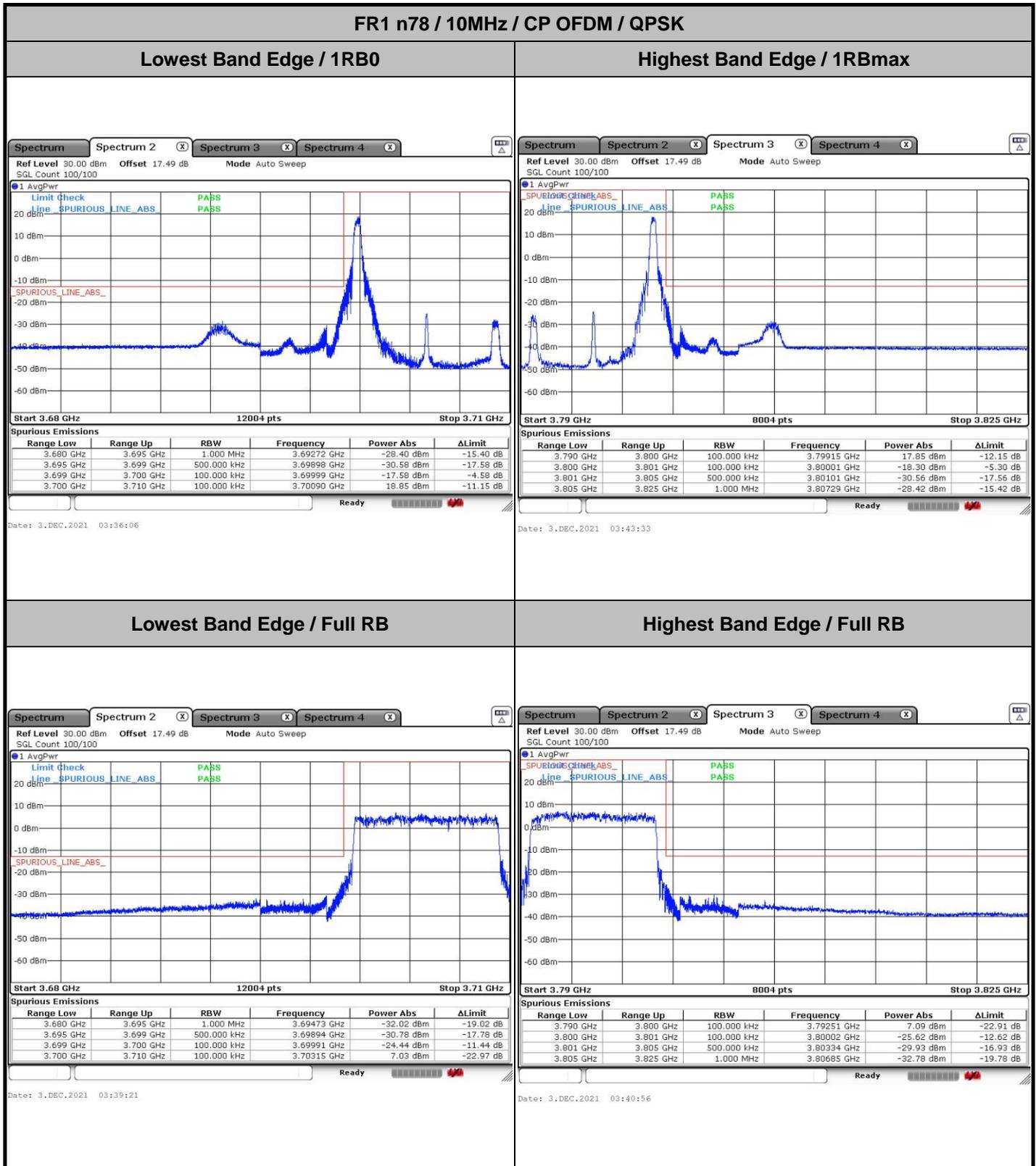
Occupied Bandwidth

BW	100MHz	
Mod.	QPSK	16QAM
Middle CH	98.12	96.67





Conducted Band Edge

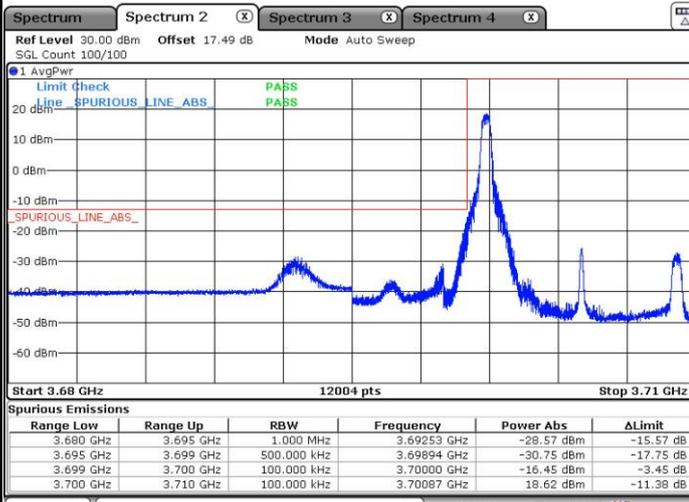




FR1 n78 / 10MHz / CP OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

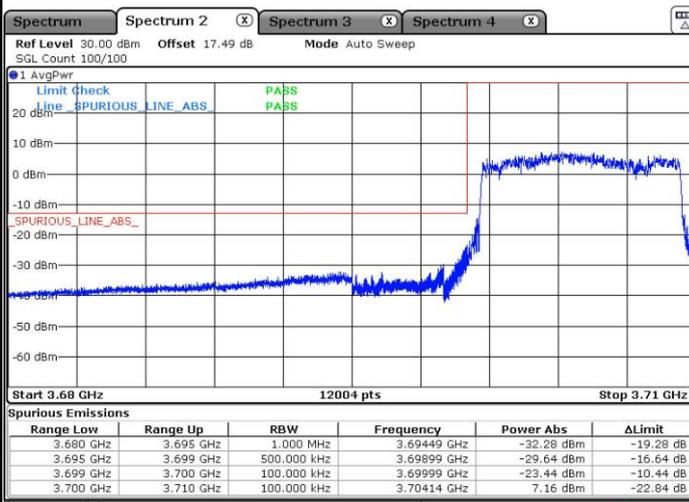


Date: 3.DEC.2021 03:36:30

Date: 3.DEC.2021 03:43:10

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2021 03:39:00

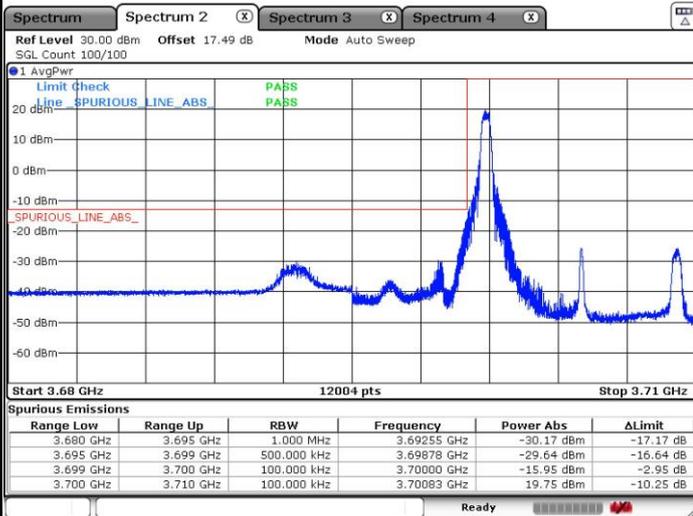
Date: 3.DEC.2021 03:41:15



FR1 n78 /10MHz / CP OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

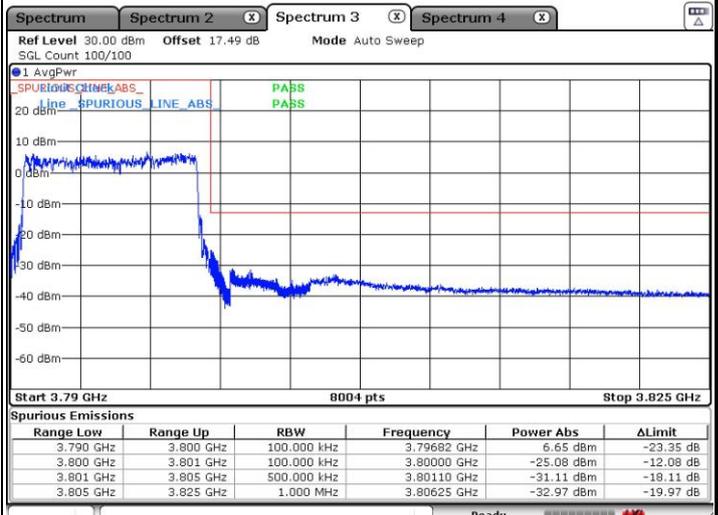
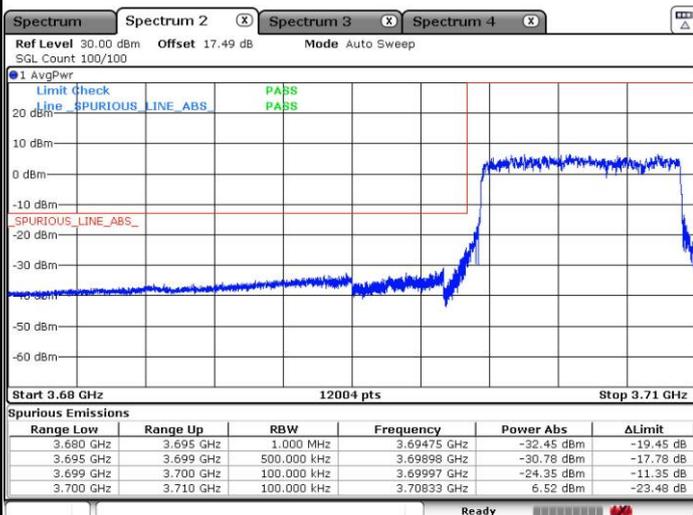


Date: 3.DEC.2021 03:36:49

Date: 3.DEC.2021 03:42:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2021 03:38:41

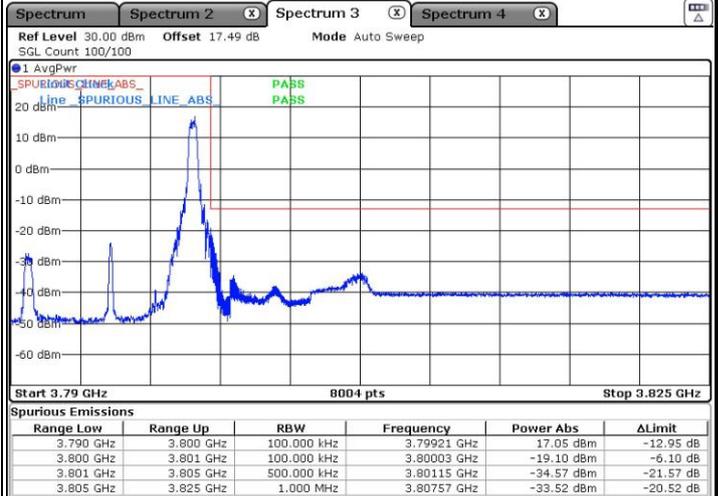
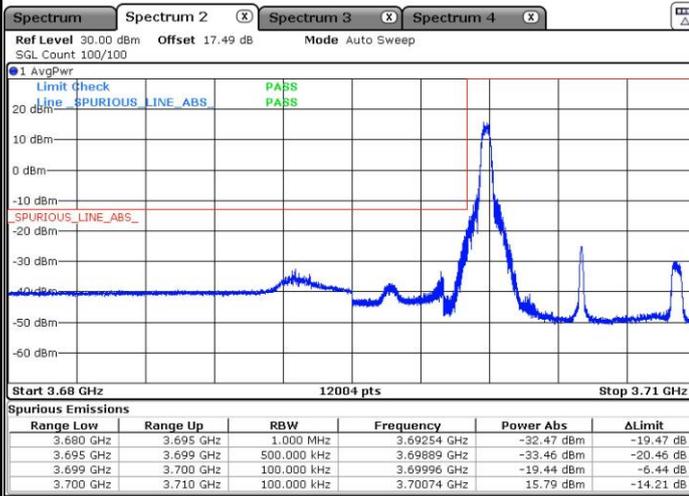
Date: 3.DEC.2021 03:41:34



FR1 n78 /10MHz / CP OFDM / 256Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

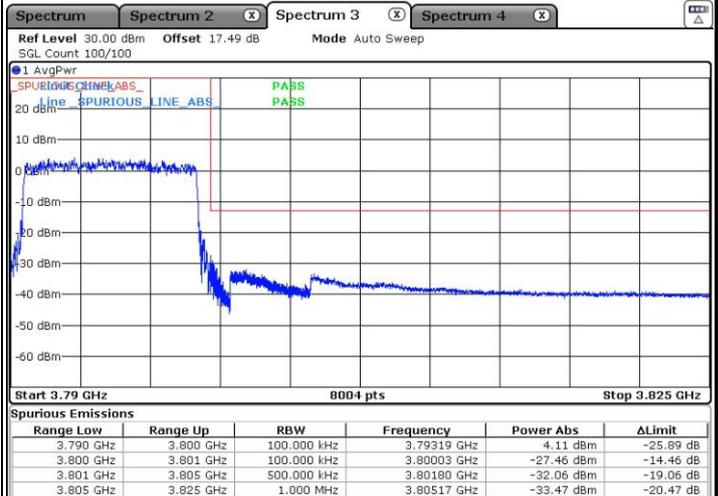
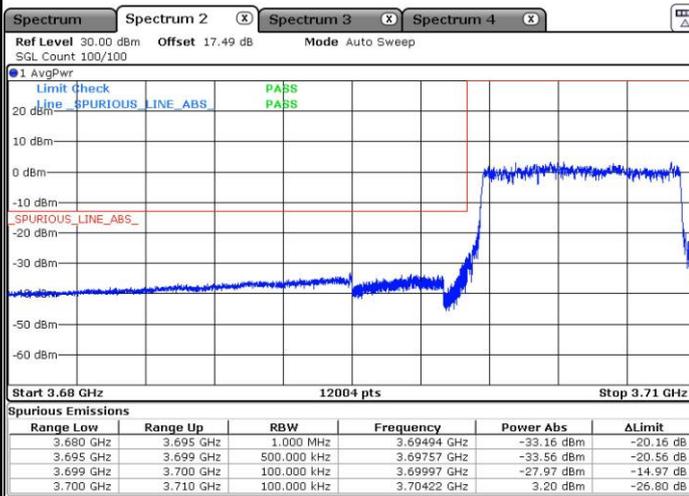


Date: 3.DEC.2021 03:37:13

Date: 3.DEC.2021 03:42:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2021 03:38:17

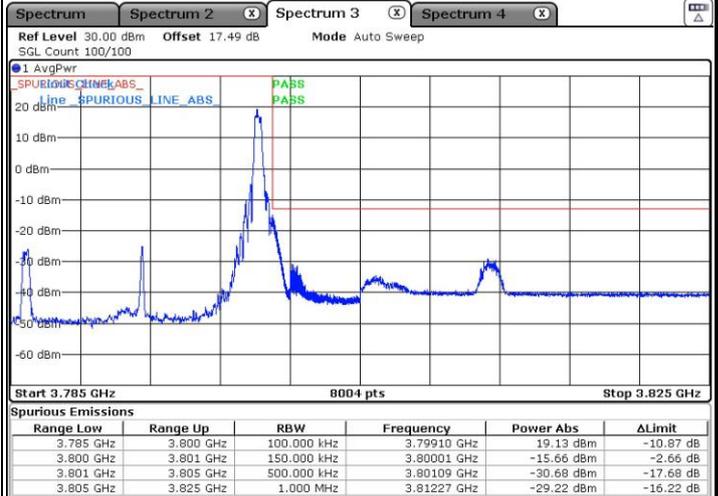
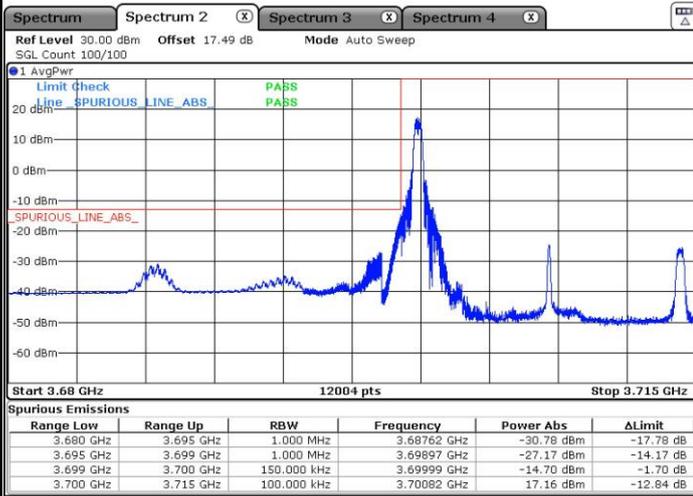
Date: 3.DEC.2021 03:41:57



FR1 n78 / 15MHz / CP OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

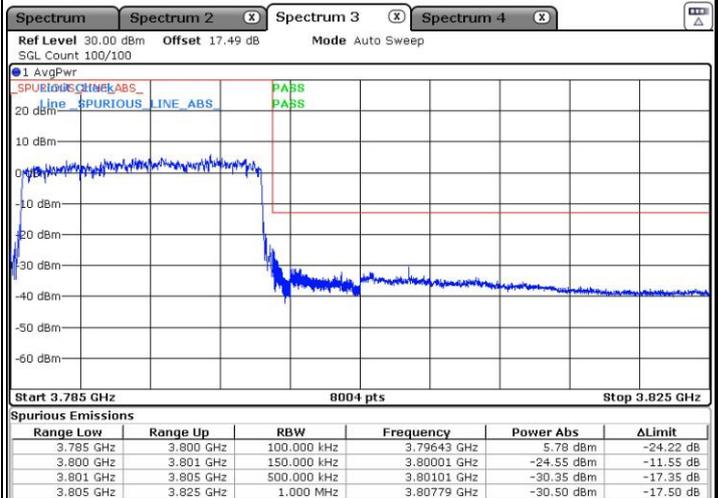
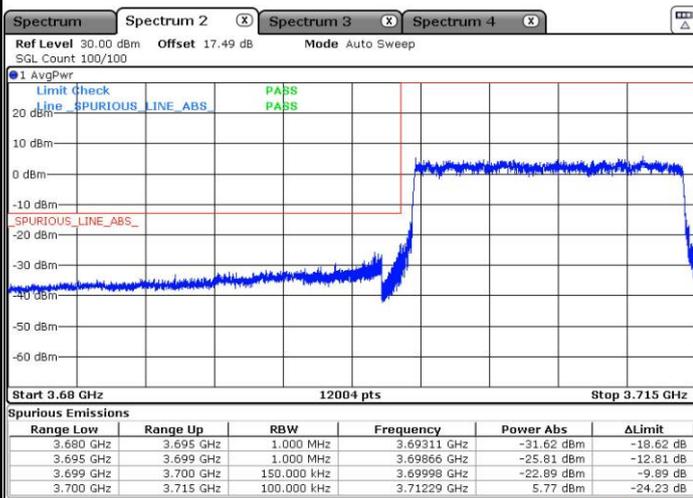


Date: 3.DEC.2021 03:05:42

Date: 3.DEC.2021 03:25:35

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2021 03:12:46

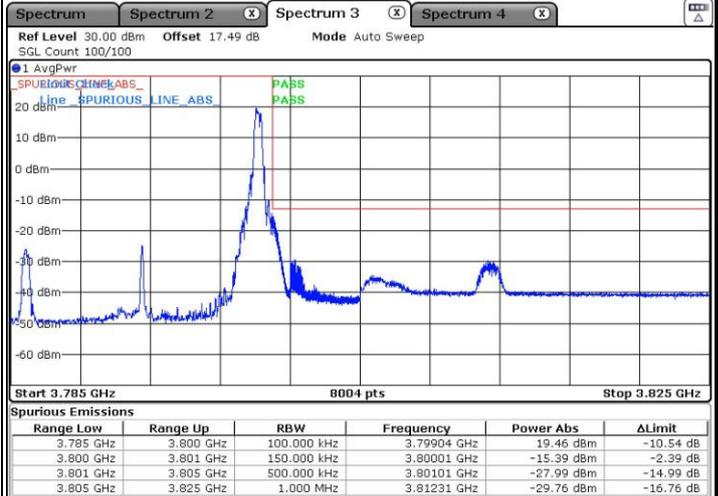
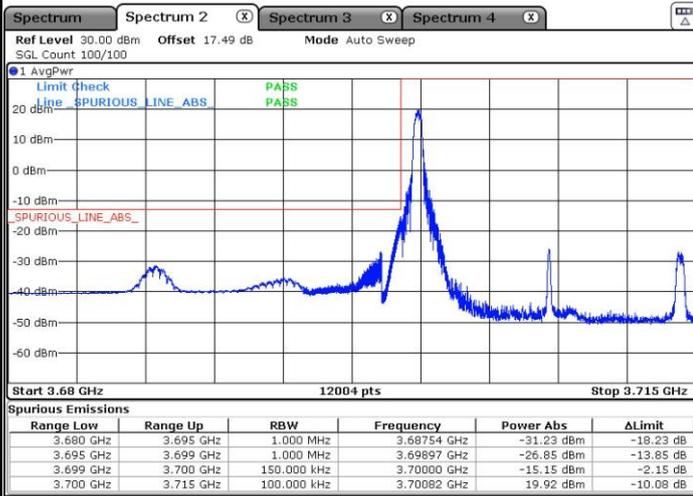
Date: 3.DEC.2021 03:17:11



FR1 n78 / 15MHz / CP OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

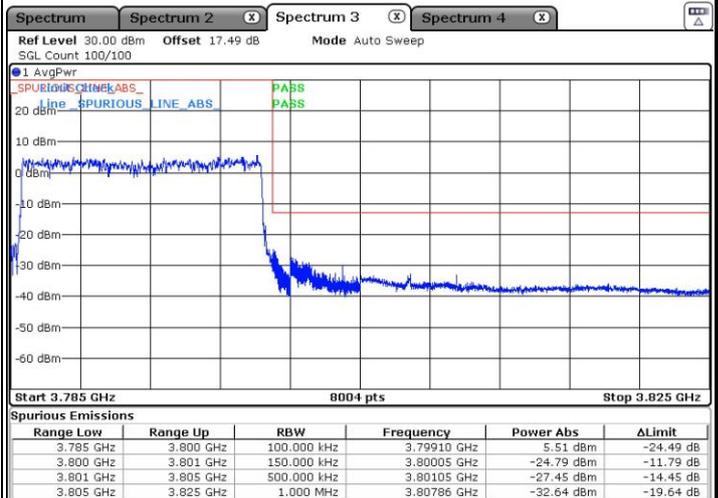
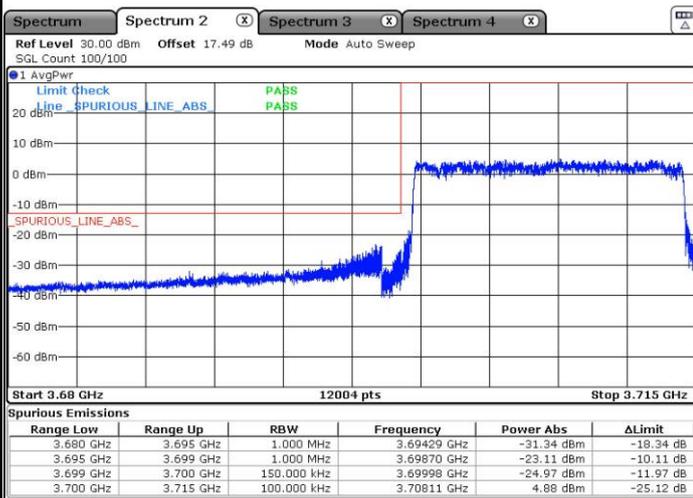


Date: 3.DEC.2021 03:07:24

Date: 3.DEC.2021 03:20:43

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2021 03:12:27

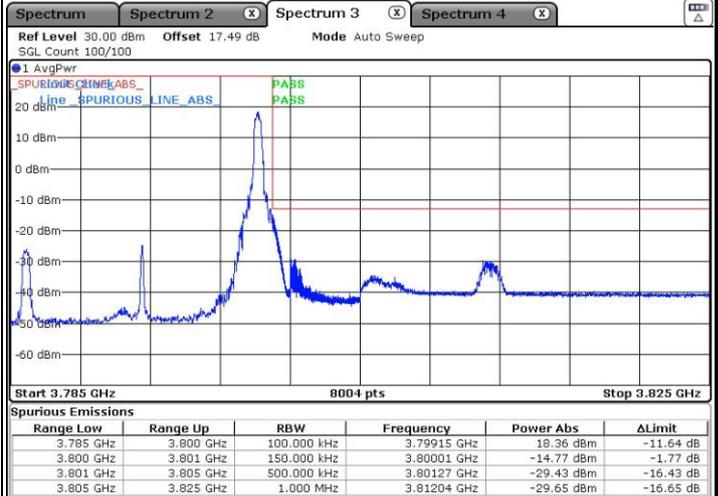
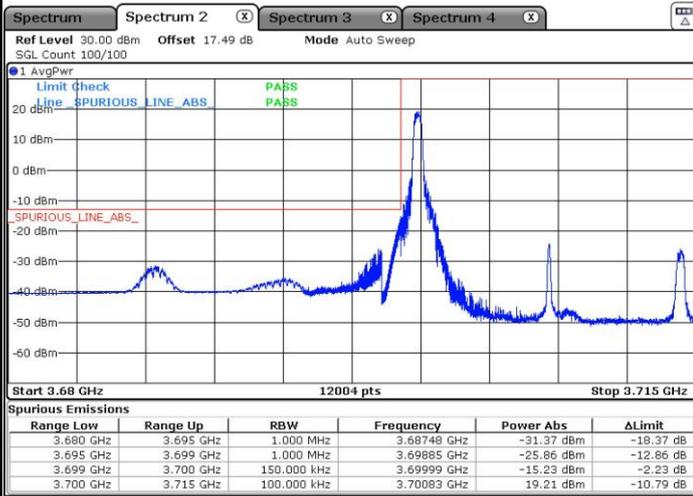
Date: 3.DEC.2021 03:17:35



FR1 n78 /15MHz / CP OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

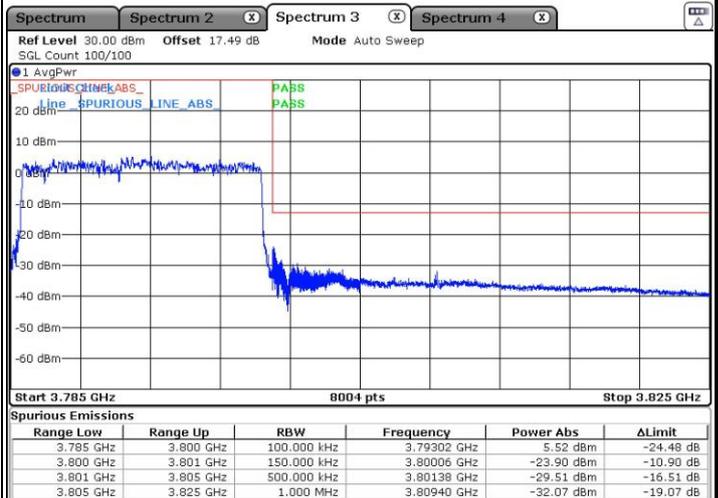
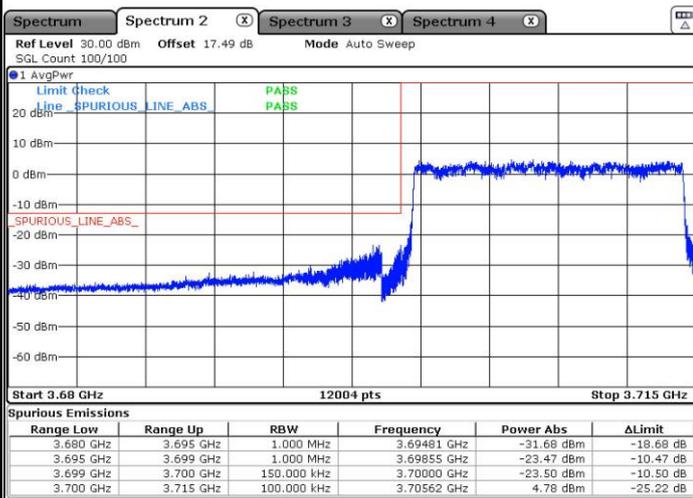


Date: 3.DEC.2021 03:08:58

Date: 3.DEC.2021 03:20:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2021 03:12:01

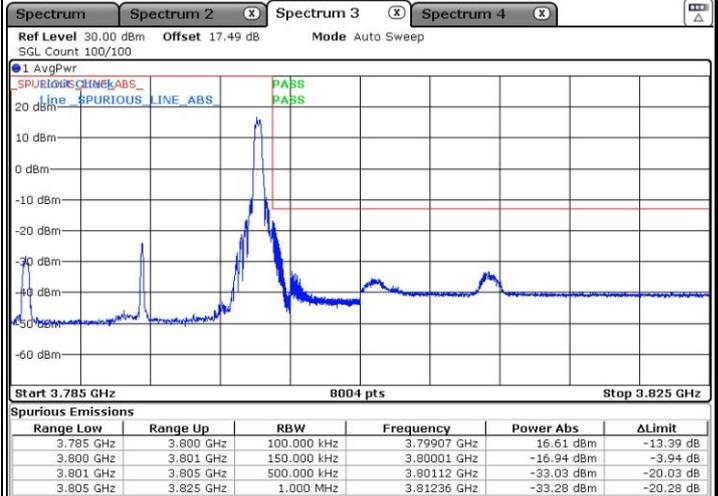
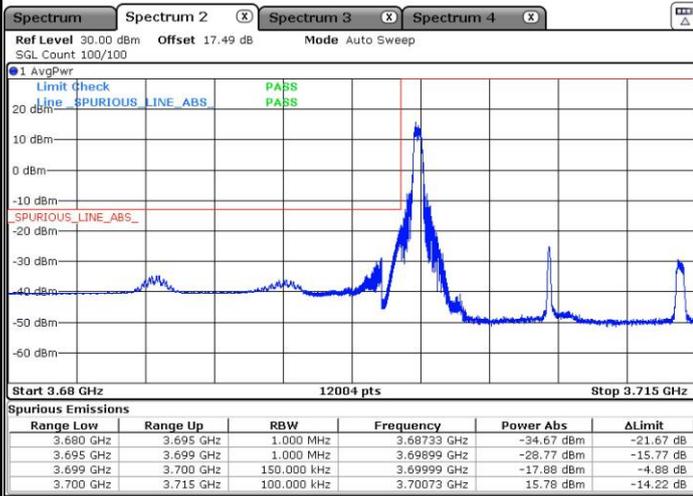
Date: 3.DEC.2021 03:17:54



FR1 n78 /15MHz / CP OFDM / 256Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

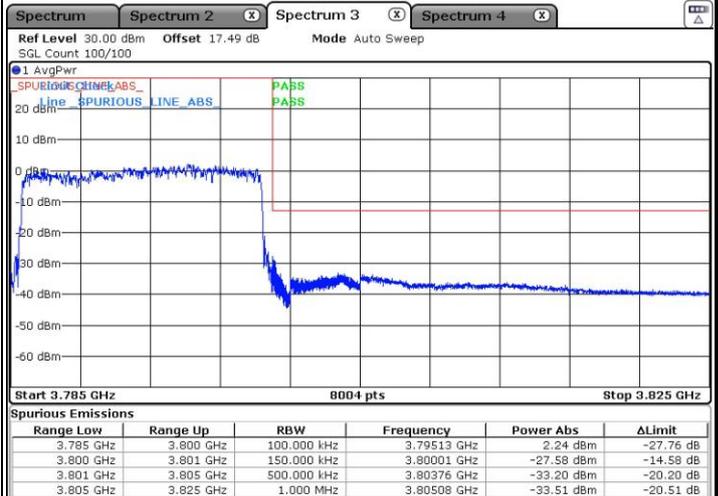
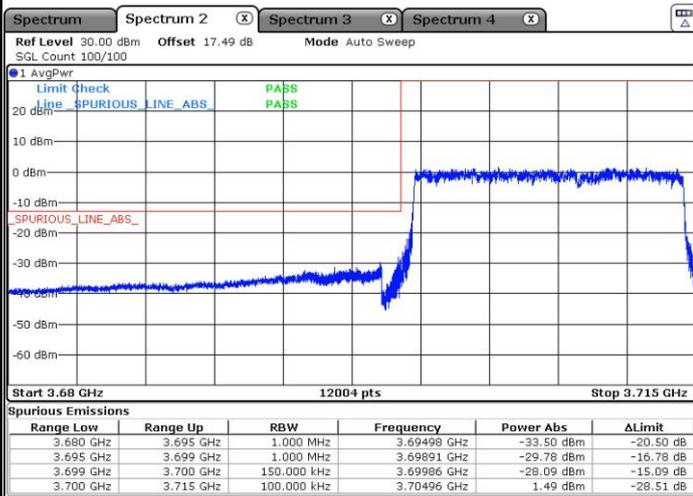


Date: 3.DEC.2021 03:10:58

Date: 3.DEC.2021 03:18:37

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2021 03:11:38

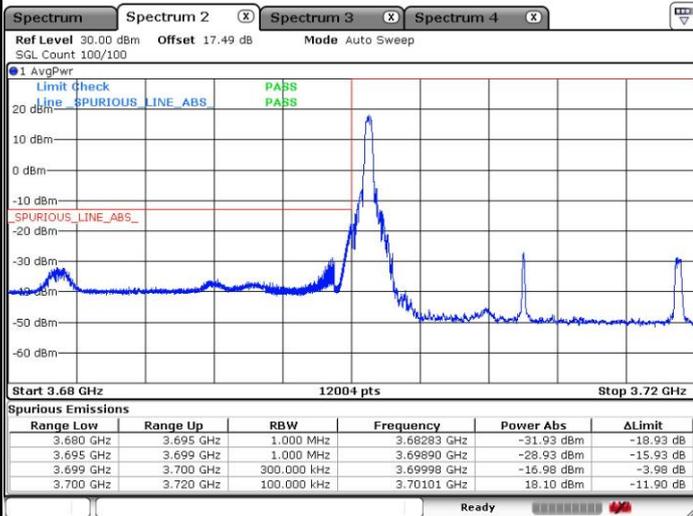
Date: 3.DEC.2021 03:18:12



FR1 n78 / 20MHz / CP OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

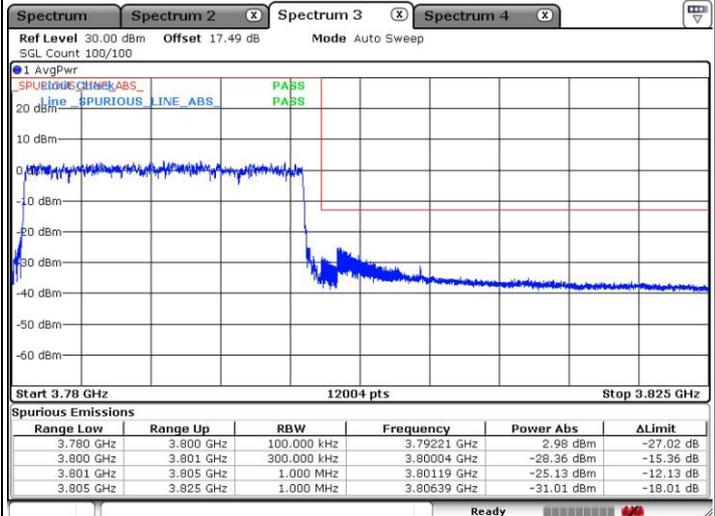
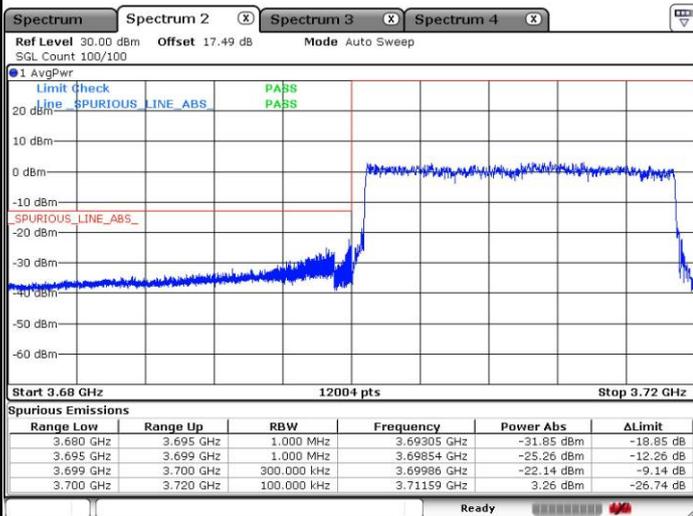


Date: 29.NOV.2021 14:00:12

Date: 29.NOV.2021 13:37:49

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29.NOV.2021 13:53:11

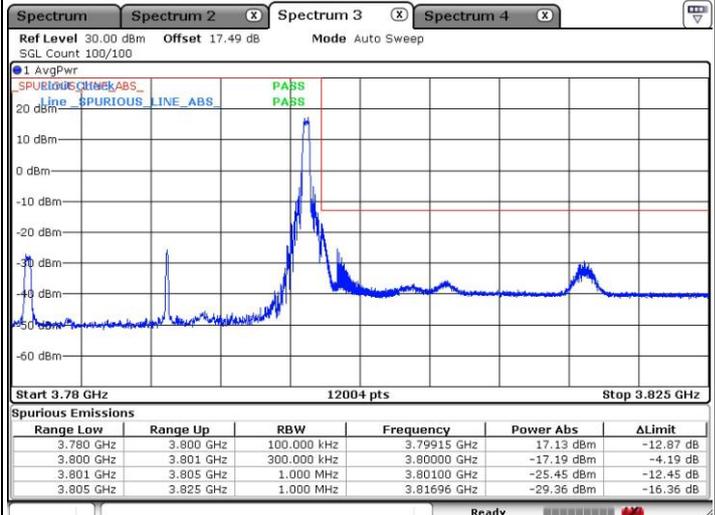
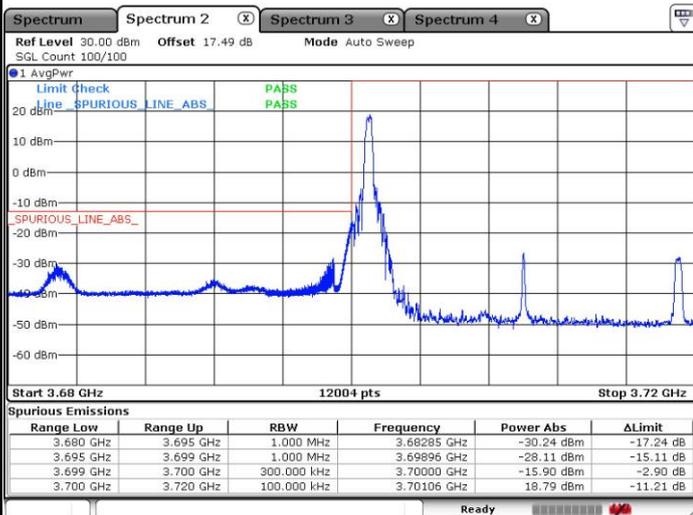
Date: 29.NOV.2021 13:51:18



FR1 n78 / 20MHz / CP OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

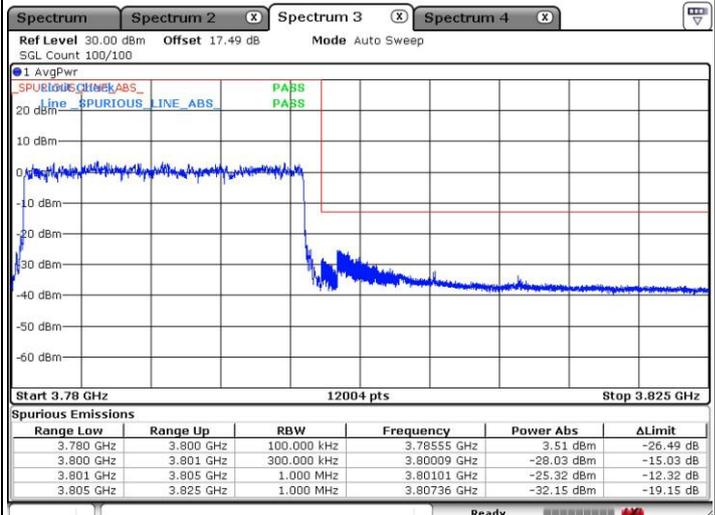
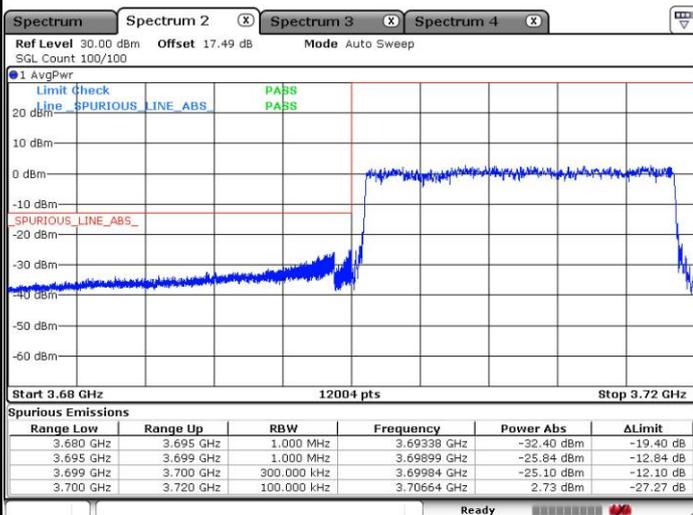


Date: 29.NOV.2021 13:58:25

Date: 29.NOV.2021 13:39:59

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29.NOV.2021 13:53:55

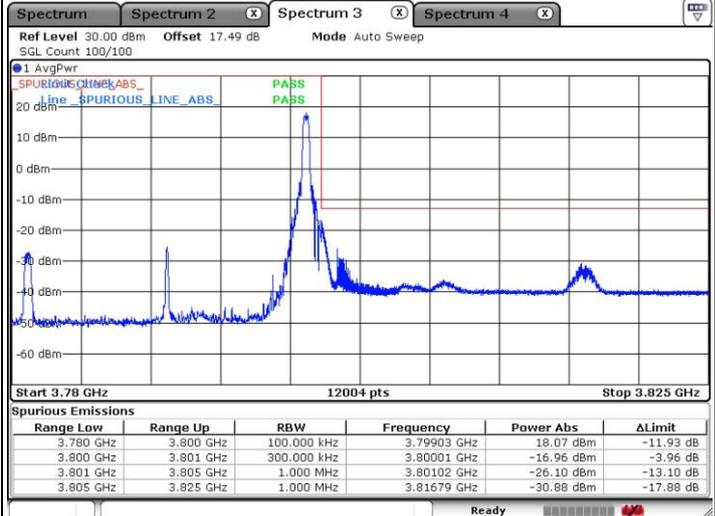
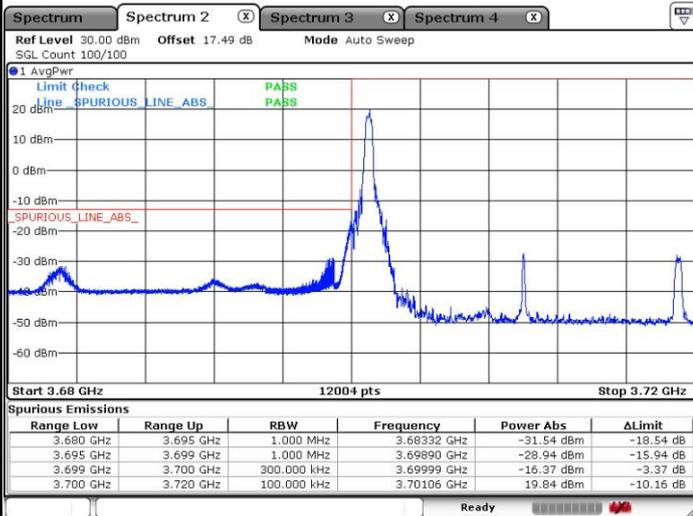
Date: 29.NOV.2021 13:50:56



FR1 n78 /20MHz / CP OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

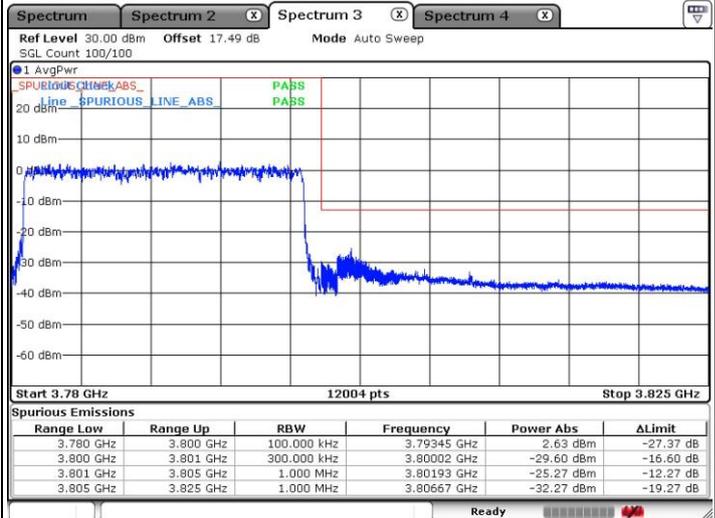
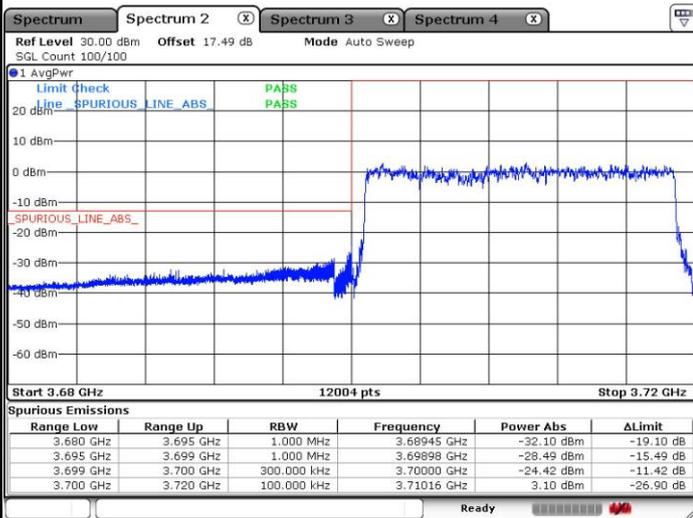


Date: 29.NOV.2021 13:56:59

Date: 29.NOV.2021 13:46:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29.NOV.2021 13:54:29

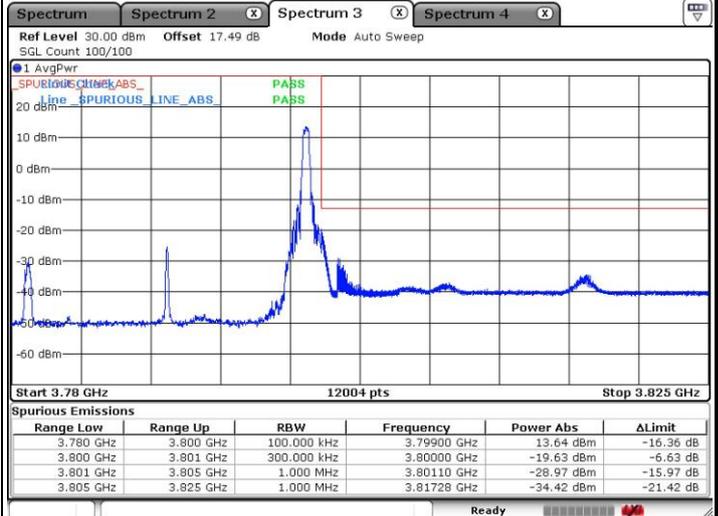
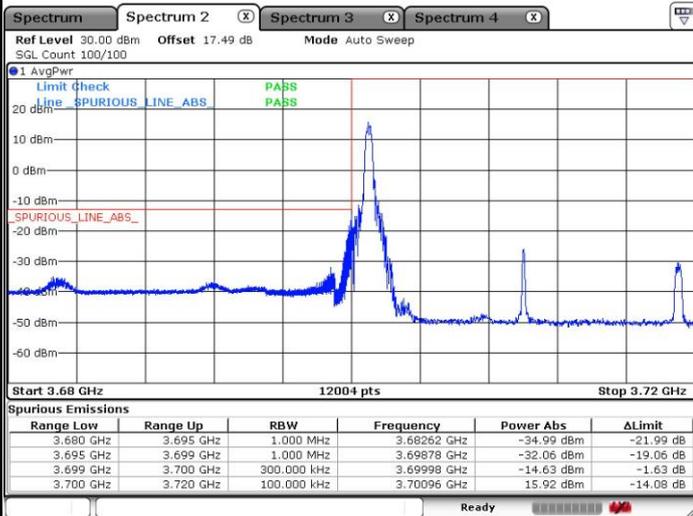
Date: 29.NOV.2021 13:50:36



FR1 n78 /20MHz / CP OFDM / 256Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

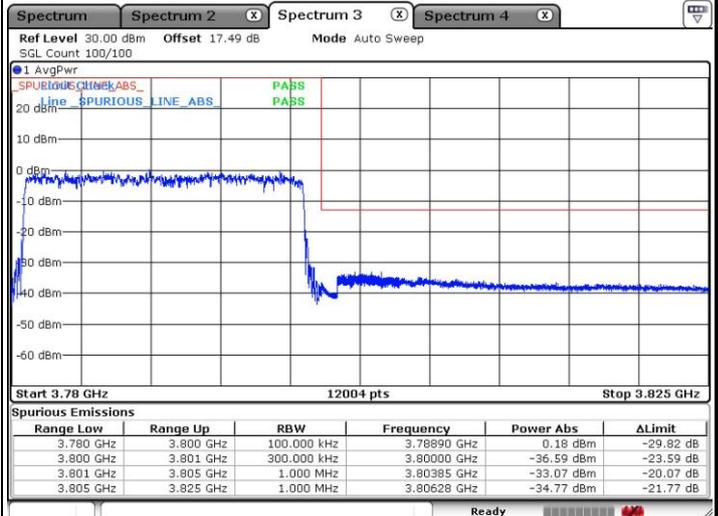
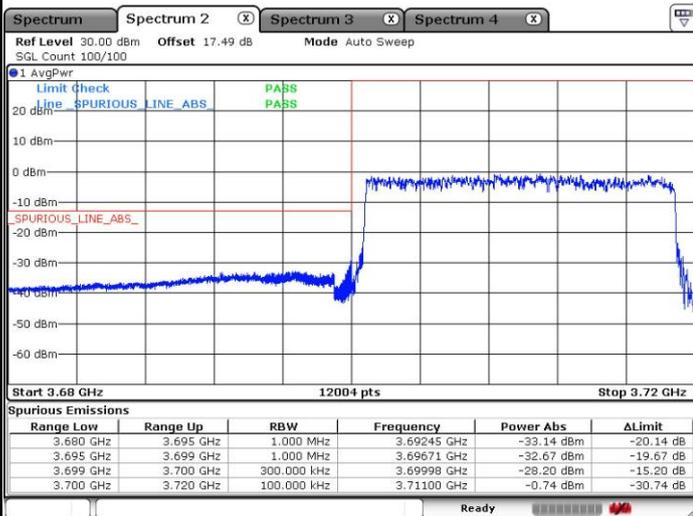


Date: 29.NOV.2021 13:55:26

Date: 29.NOV.2021 13:48:14

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29.NOV.2021 13:54:53

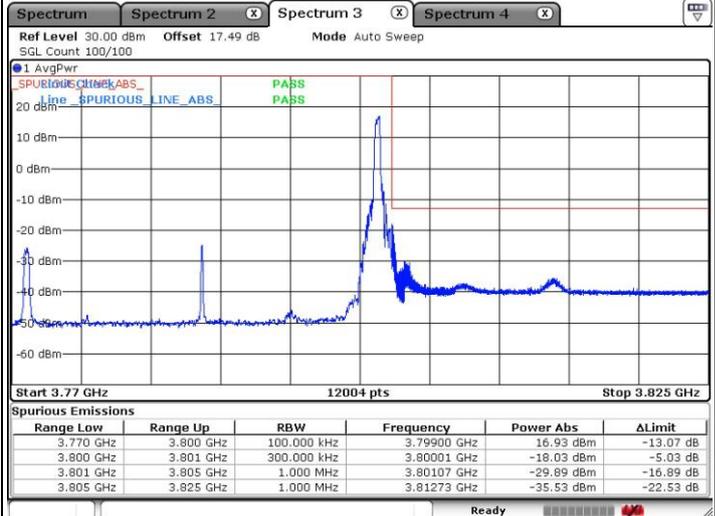
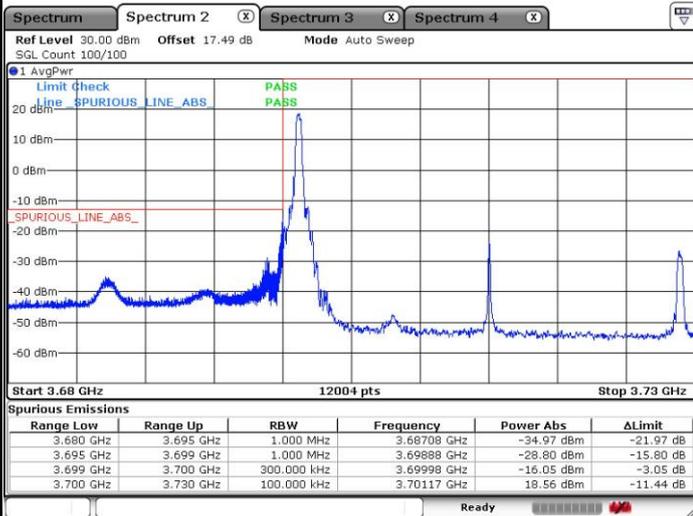
Date: 29.NOV.2021 13:49:48



FR1 n78 / 30MHz / CP OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

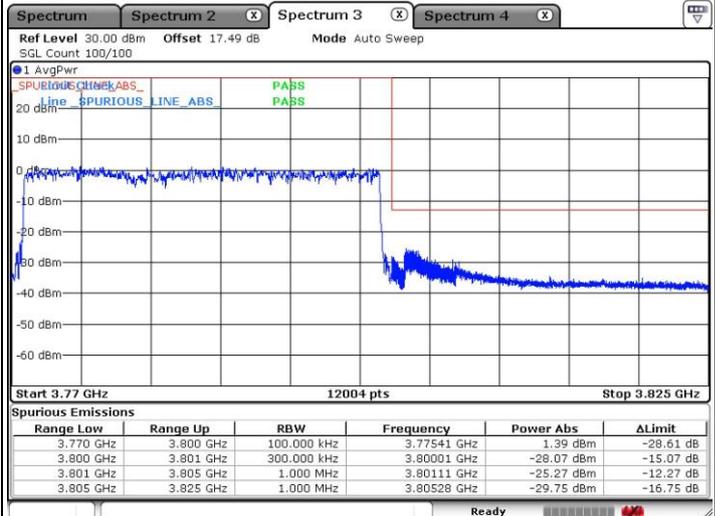
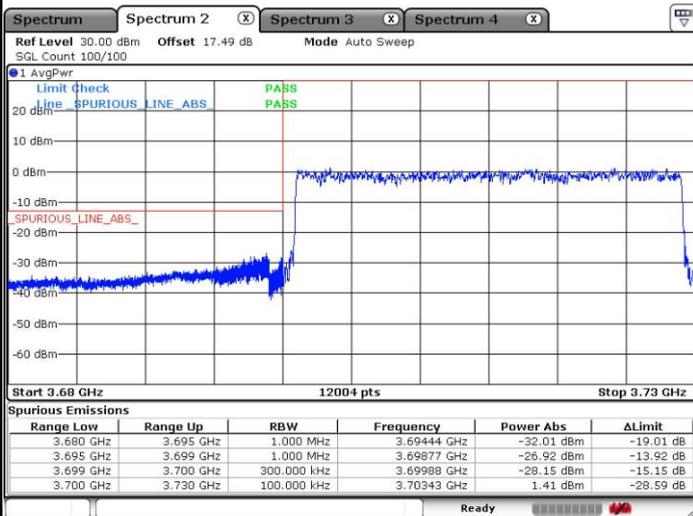


Date: 29.NOV.2021 12:55:57

Date: 29.NOV.2021 13:06:31

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29.NOV.2021 12:58:45

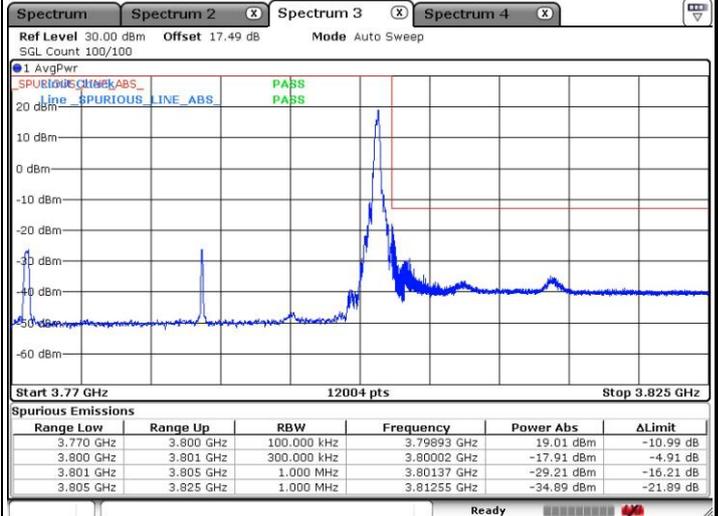
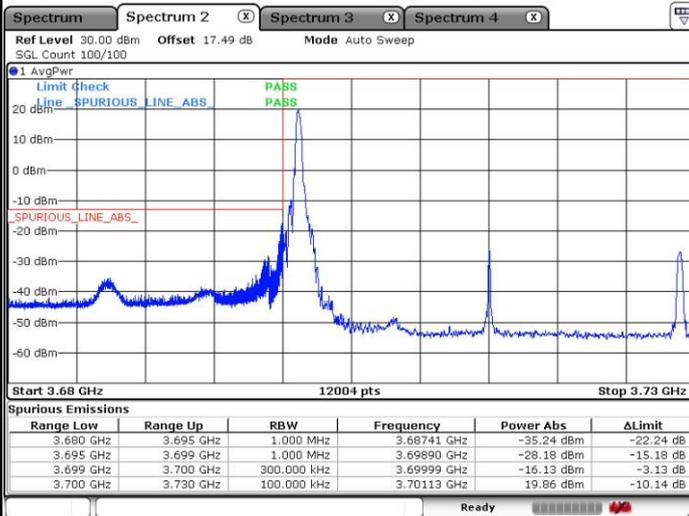
Date: 29.NOV.2021 13:04:11



FR1 n78 / 30MHz / CP OFDM / 16Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

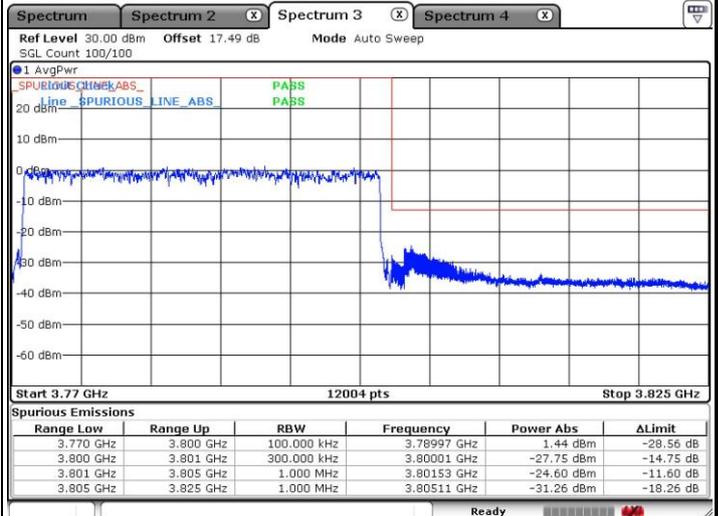
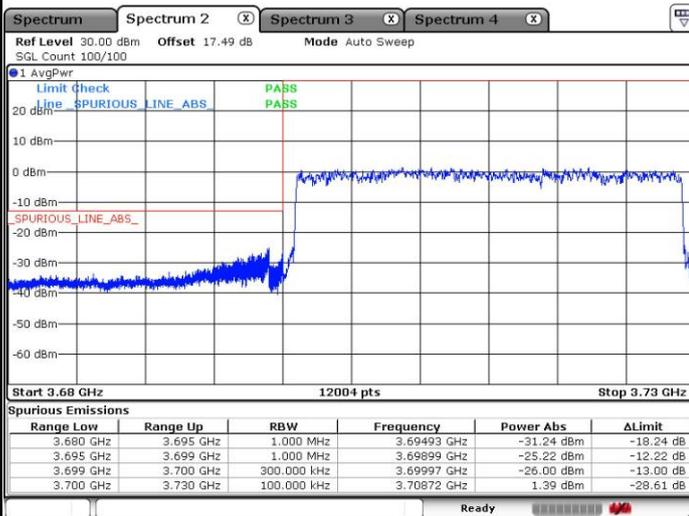


Date: 29.NOV.2021 12:56:29

Date: 29.NOV.2021 13:06:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29.NOV.2021 12:58:22

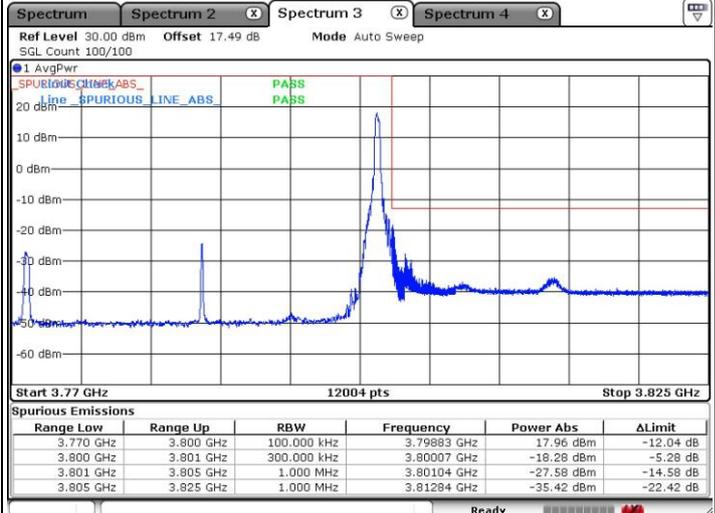
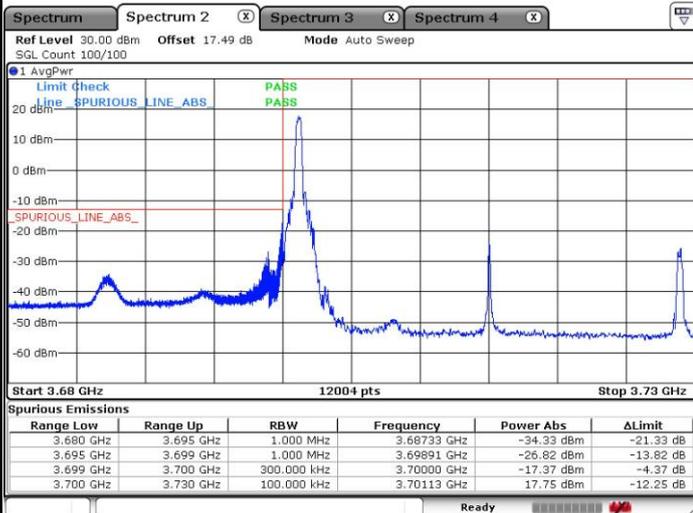
Date: 29.NOV.2021 13:04:28



FR1 n78 /30MHz / CP OFDM / 64Q

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

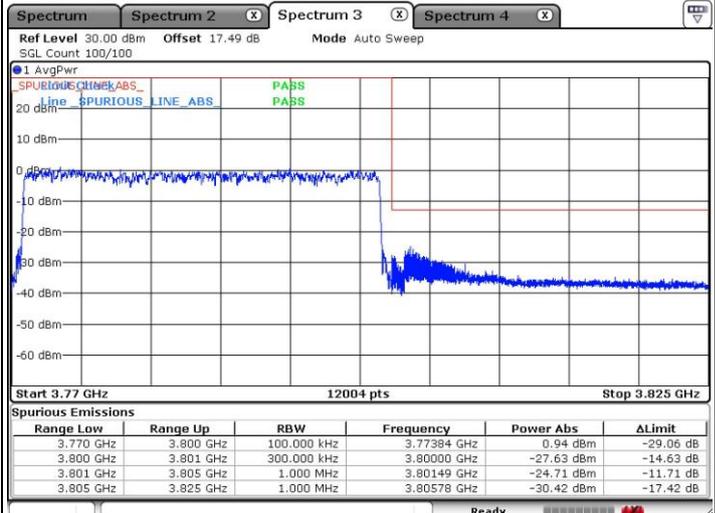
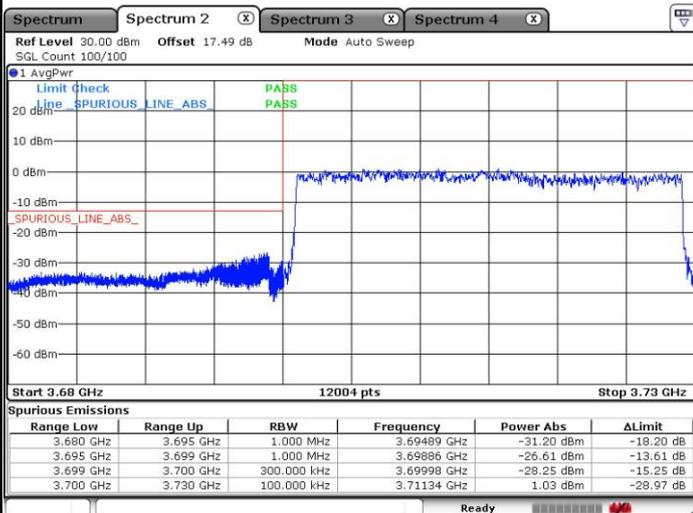


Date: 29.NOV.2021 12:56:53

Date: 29.NOV.2021 13:05:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29.NOV.2021 12:58:03

Date: 29.NOV.2021 13:04:46