

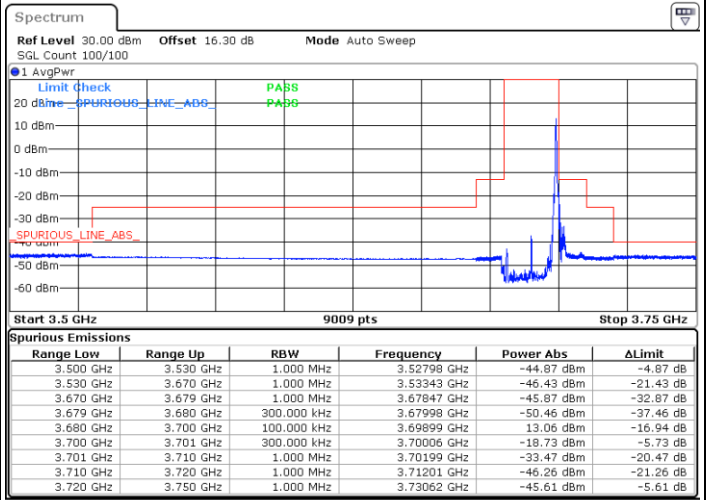
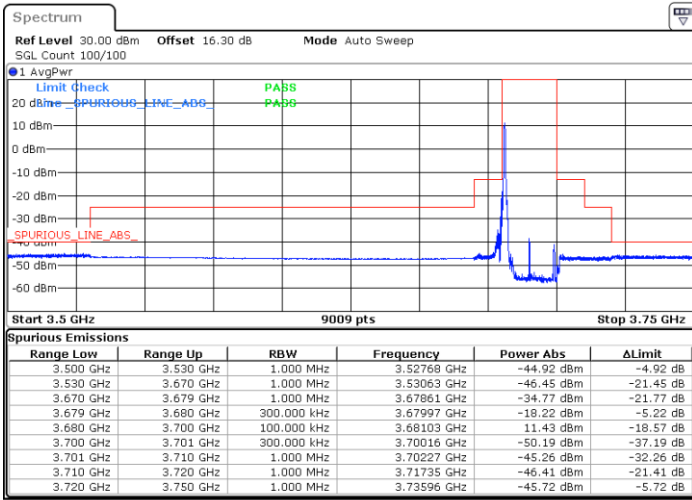


FR1 Part 96 n48 / 20MHz

16QAM

Highest Channel / 1RB0

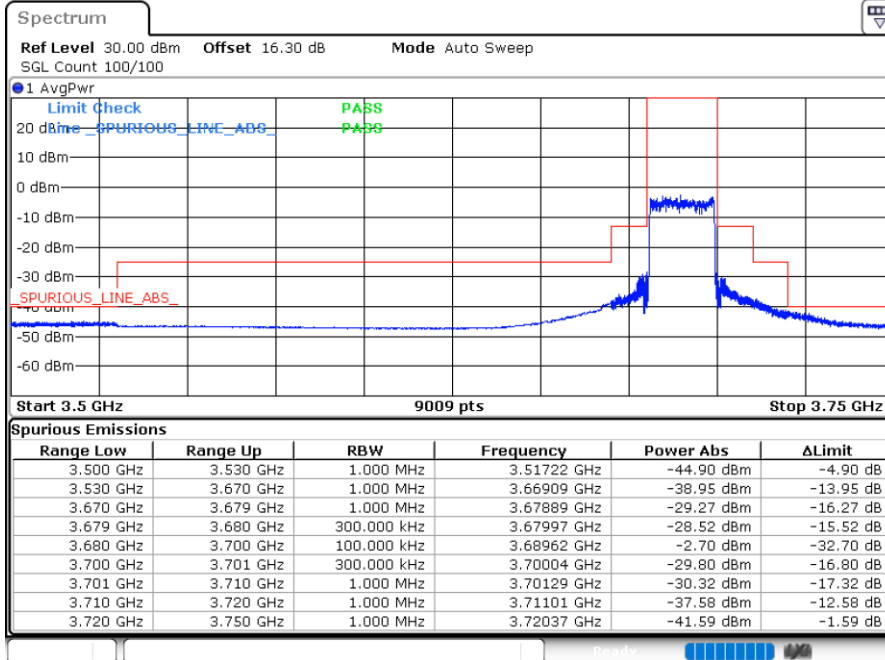
Highest Channel / 1RBmax



Date: 7.MAY.2023 01:49:14

Date: 7.MAY.2023 01:49:43

Highest Channel / FullRB



Date: 7.MAY.2023 01:50:57

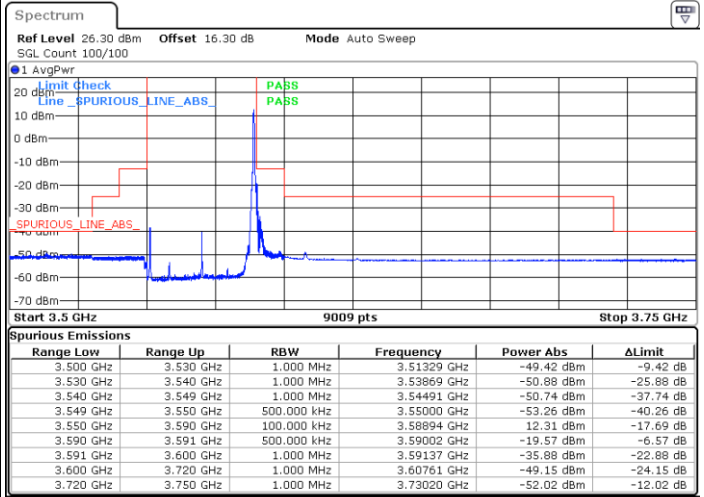
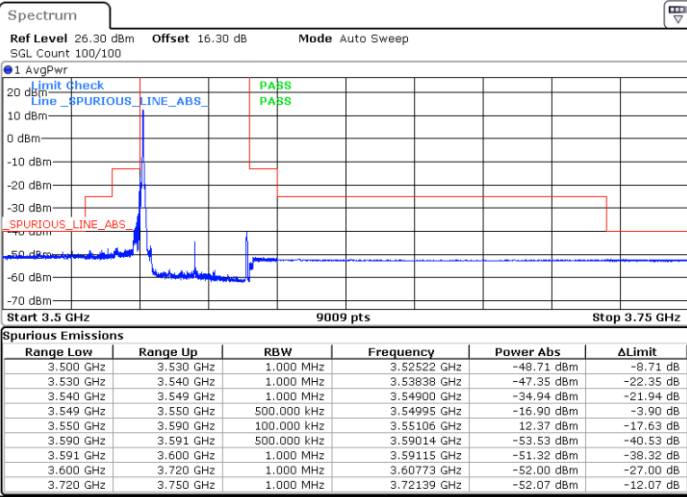


FR1 Part 96 n48 / 40MHz

QPSK

Lowest Channel / 1RB0

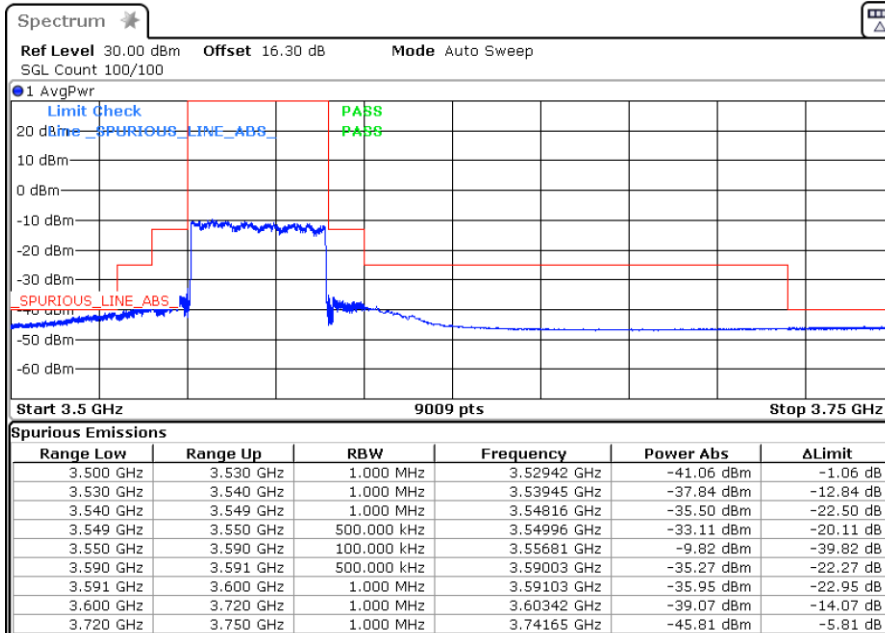
Lowest Channel / 1RBmax



Date: 7.MAY.2023 02:13:33

Date: 7.MAY.2023 02:14:50

Lowest Channel / FullRB



Date: 12.FEB.2007 18:17:52

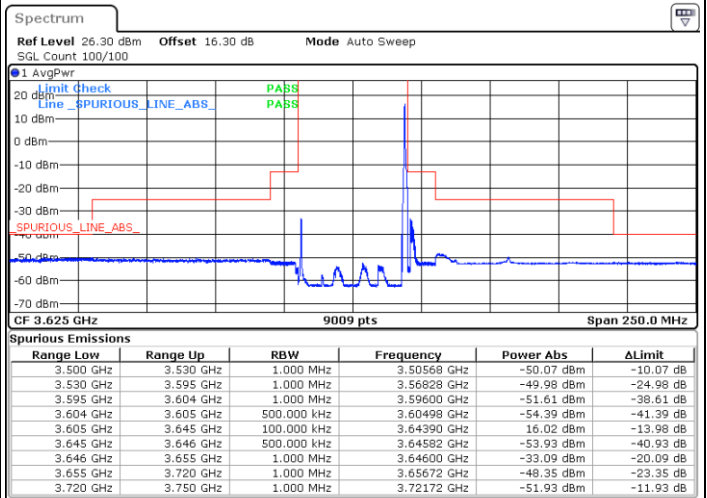
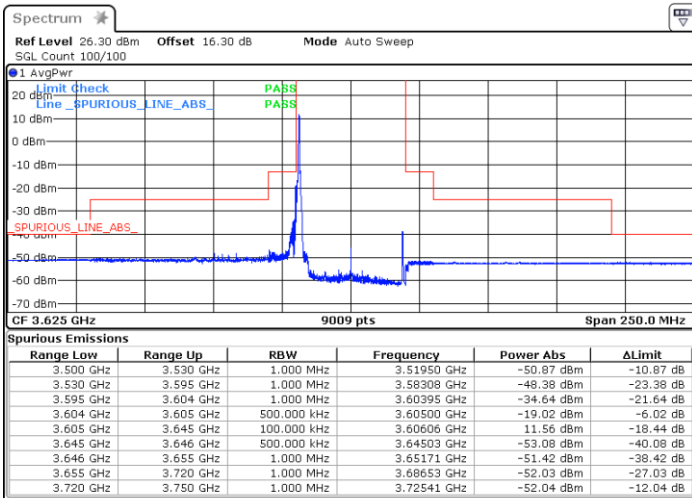


FR1 Part 96 n48 / 40MHz

QPSK

Middle Channel / 1RB0

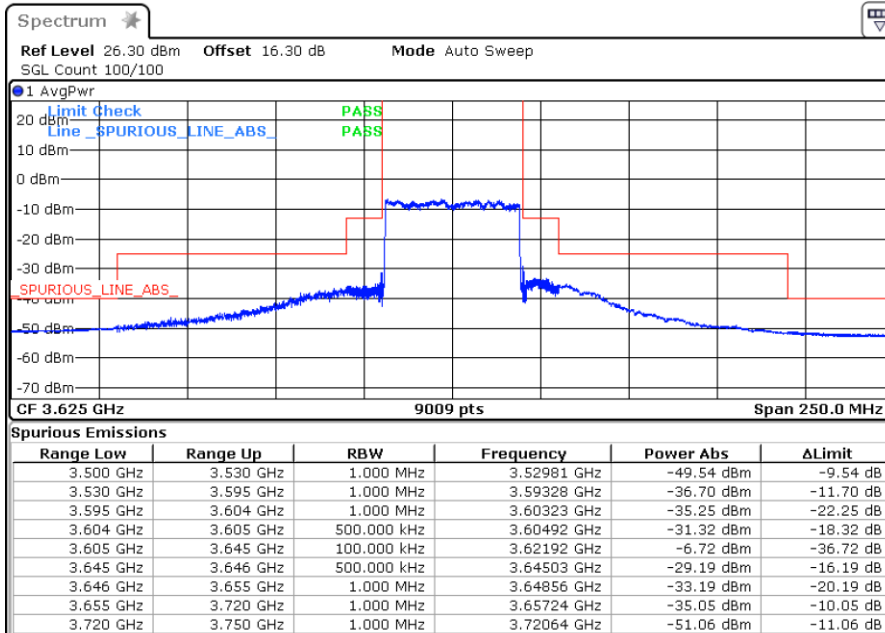
Middle Channel / 1RBmax



Date: 7.MAY.2023 02:24:35

Date: 7.MAY.2023 02:23:36

Middle Channel / FullIRB



Date: 7.MAY.2023 02:21:10

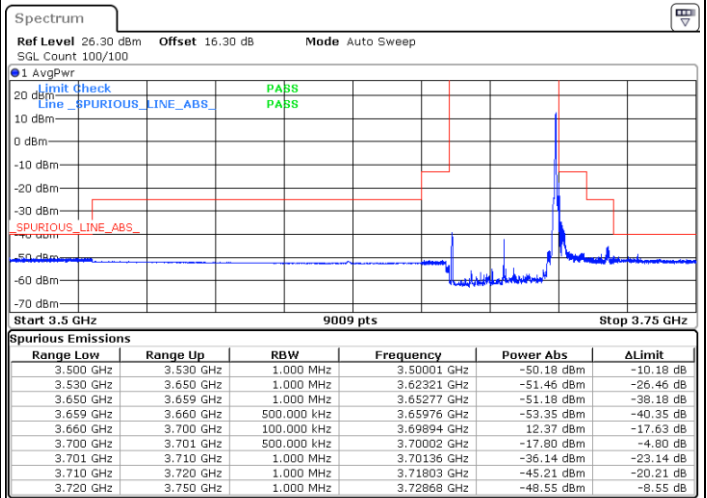
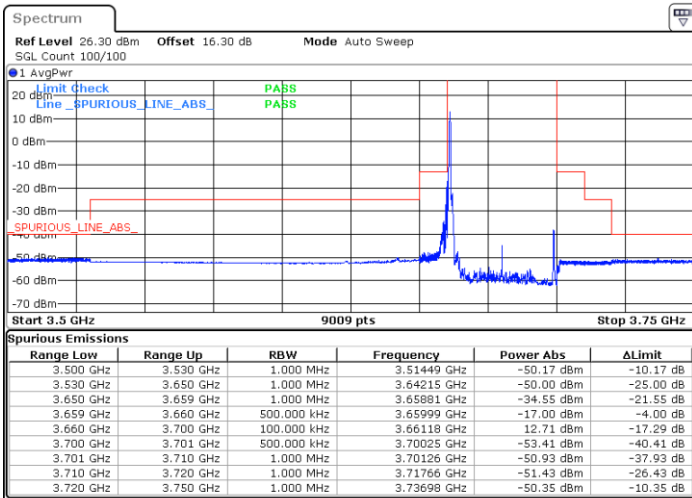


FR1 Part 96 n48 / 40MHz

QPSK

Highest Channel / 1RB0

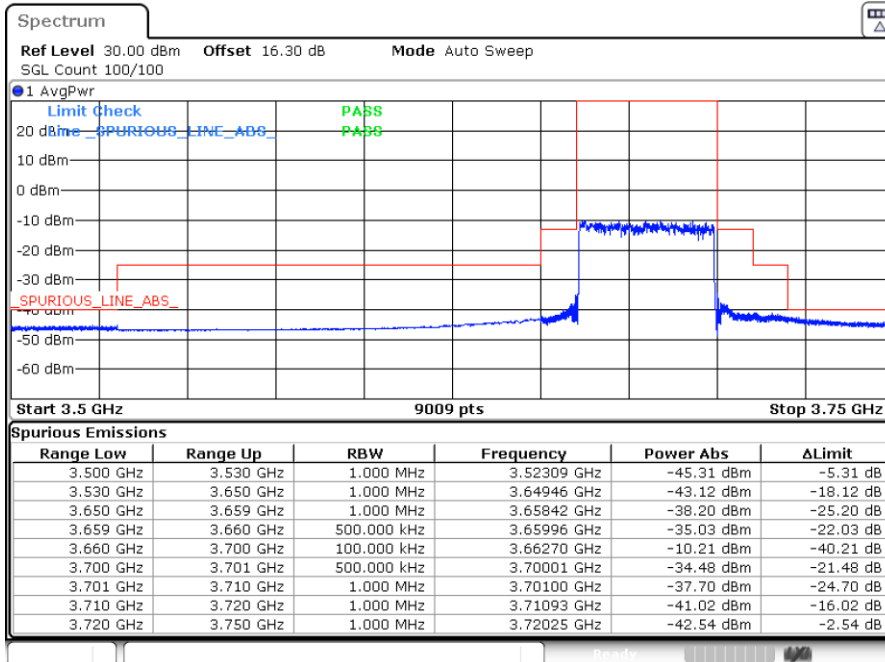
Highest Channel / 1RBmax



Date: 7.MAY.2023 02:25:59

Date: 7.MAY.2023 02:26:23

Highest Channel / FullRB



Date: 12.FEB.2007 18:22:15

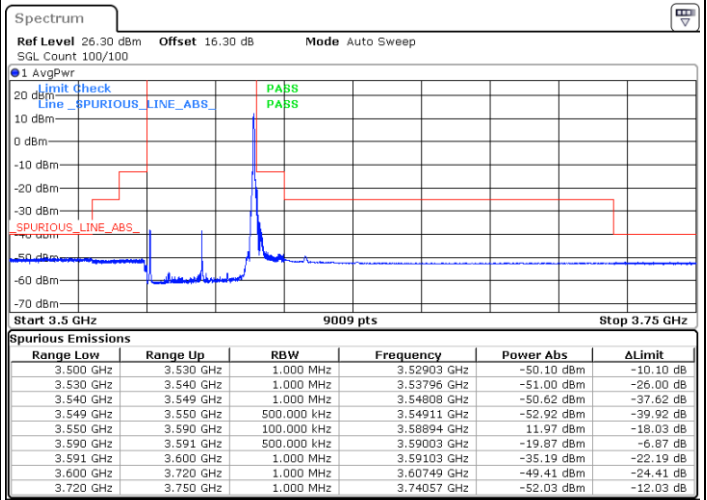
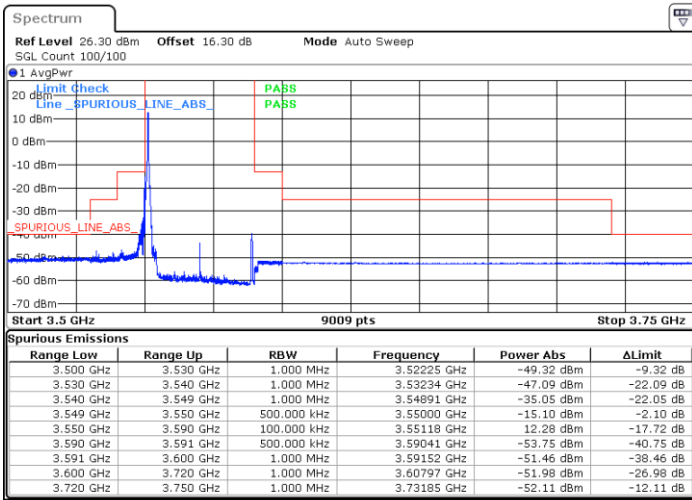


FR1 Part 96 n48 / 40MHz

16QAM

Lowest Channel / 1RB0

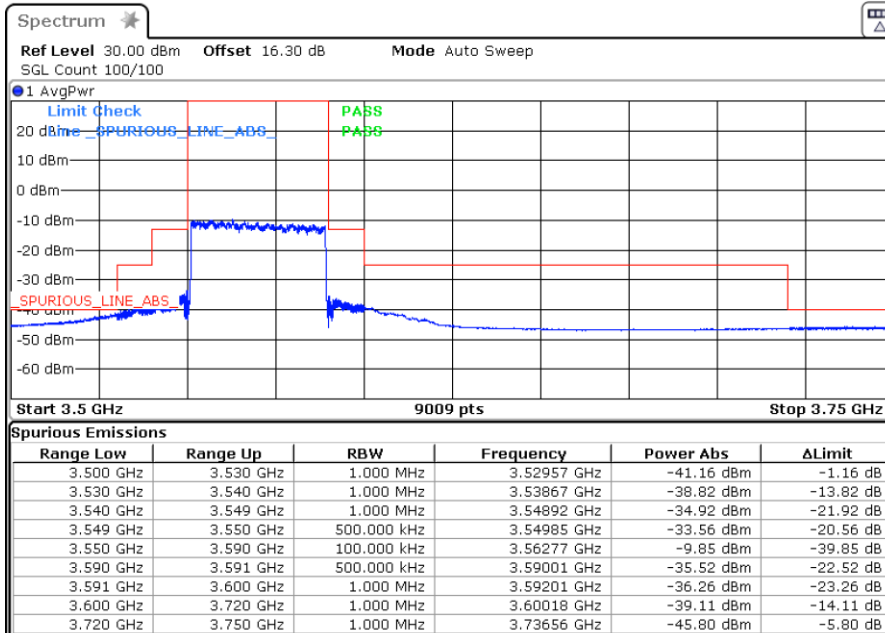
Lowest Channel / 1RBmax



Date: 7.MAY.2023 02:14:00

Date: 7.MAY.2023 02:14:25

Lowest Channel / FullRB



Date: 12.FEB.2007 18:20:07

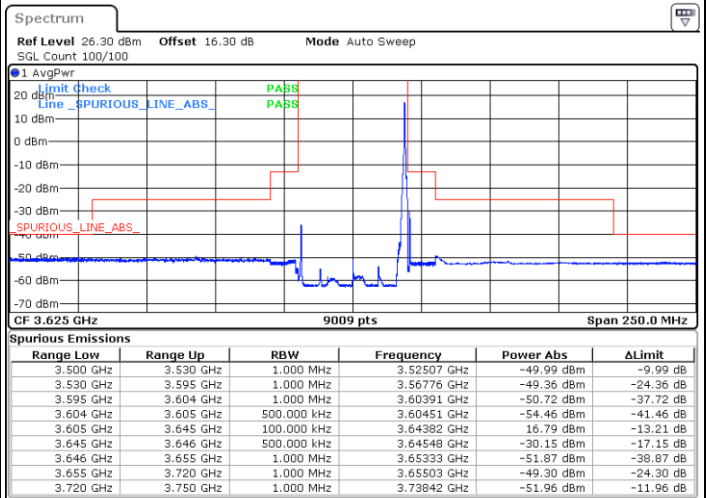
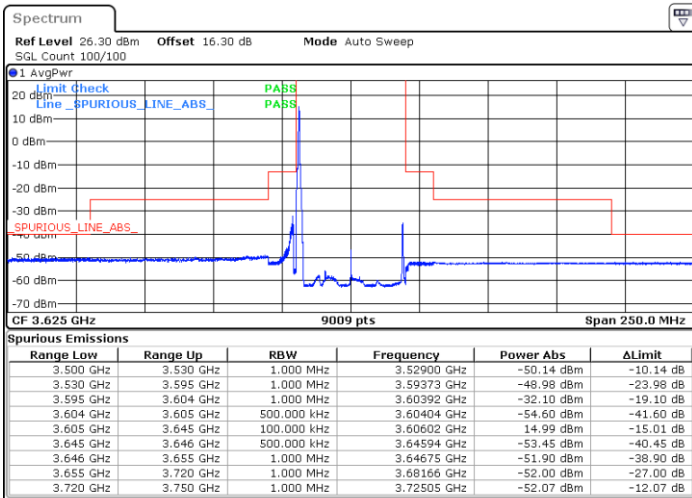


FR1 Part 96 n48 / 40MHz

16QAM

Middle Channel / 1RB0

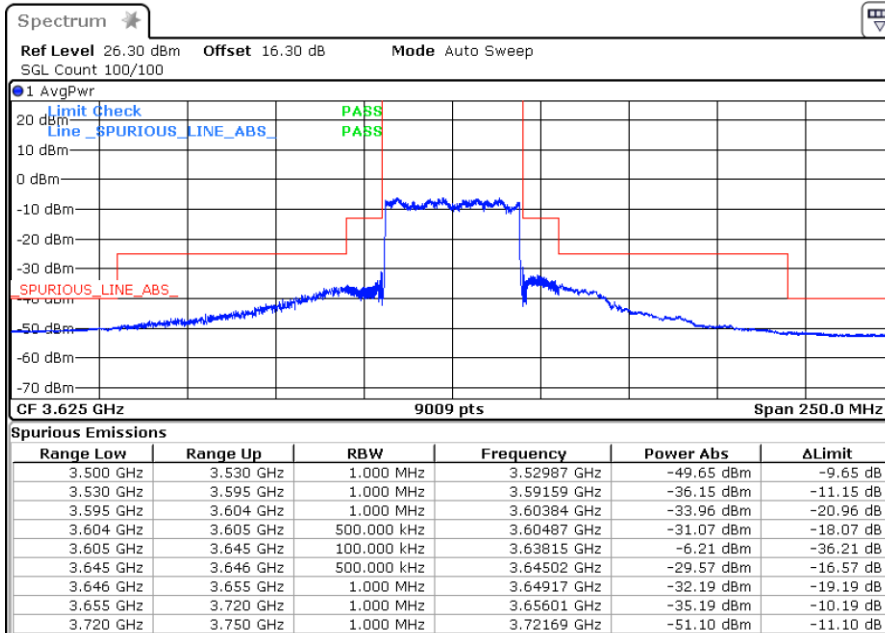
Middle Channel / 1RBmax



Date: 7.MAY.2023 02:24:58

Date: 7.MAY.2023 02:23:07

Middle Channel / FullIRB



Date: 7.MAY.2023 02:22:35

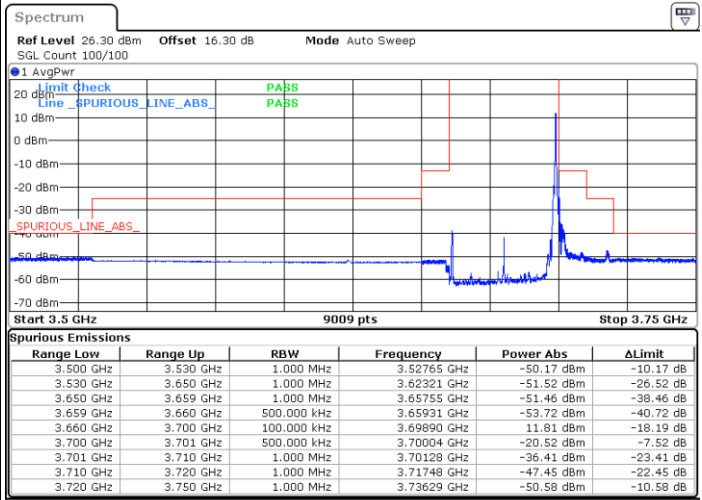
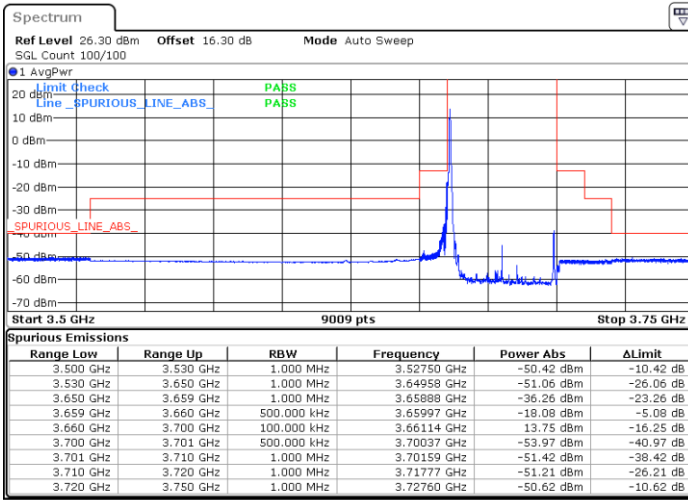


FR1 Part 96 n48 / 40MHz

16QAM

Highest Channel / 1RB0

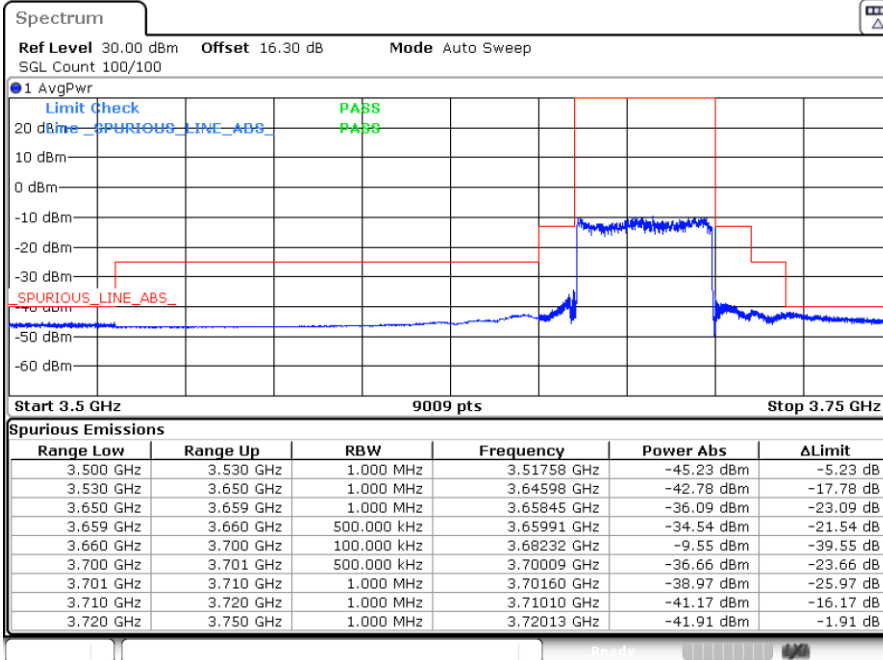
Highest Channel / 1RBmax



Date: 7.MAY.2023 02:25:34

Date: 7.MAY.2023 02:26:48

Highest Channel / FullRB



Date: 12.FEB.2007 18:21:49

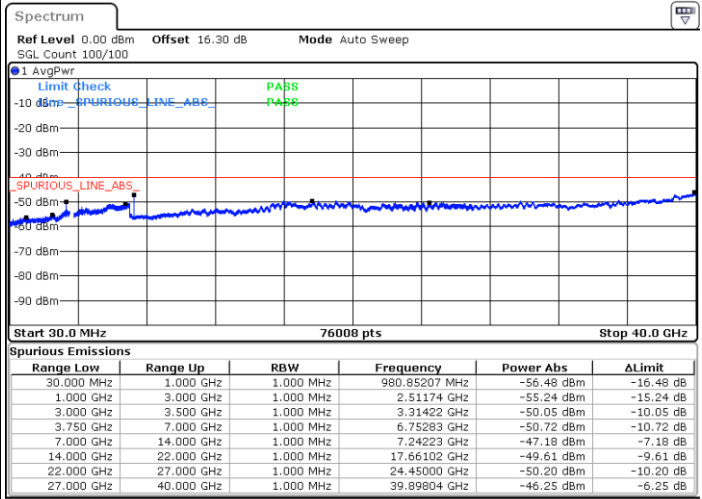
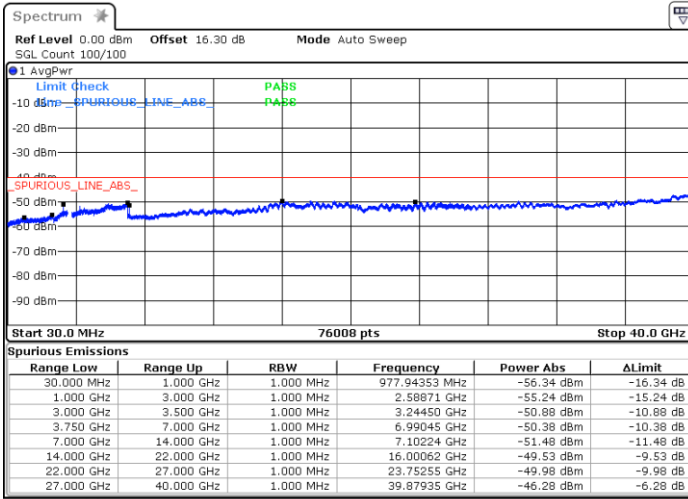


Conducted Spurious Emission

FR1 n48 / 10MHz / CP OFDM / QPSK

Lowest Channel / 1RB

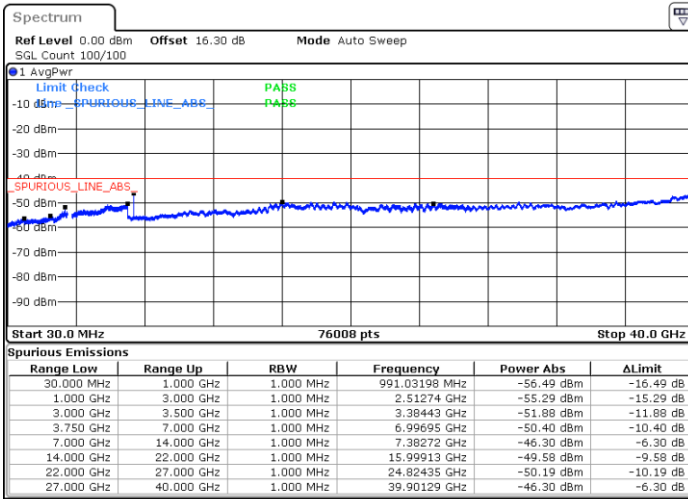
Middle Channel / 1RB



Date: 11.MAY.2023 04:16:55

Date: 11.MAY.2023 04:25:02

Highest Channel / 1RB



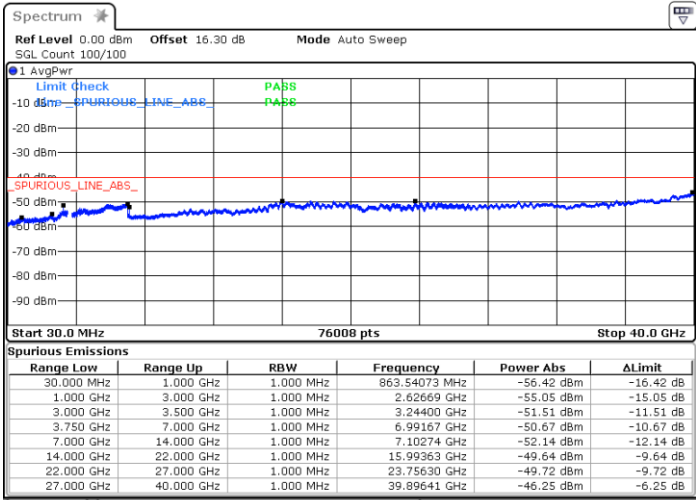
Date: 11.MAY.2023 04:29:47



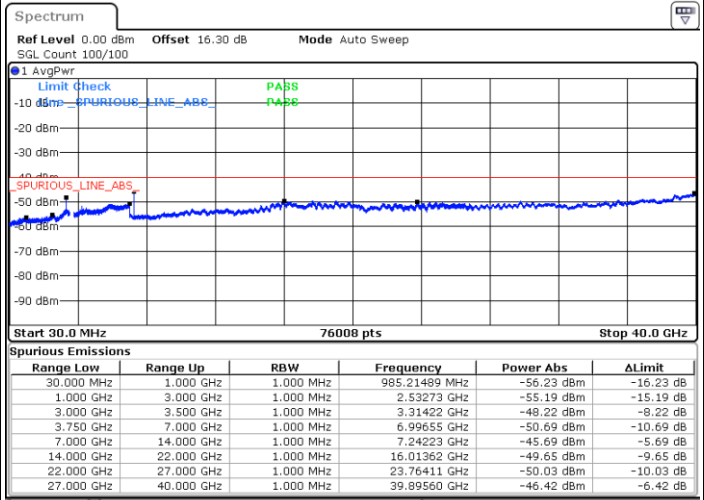
FR1 n48 / 10MHz / CP OFDM / 16QAM

Lowest Channel / 1RB

Middle Channel / 1RB

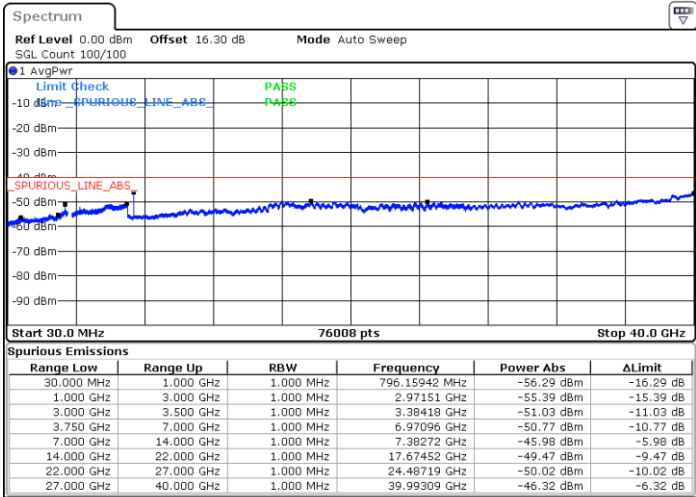


Date: 11.MAY.2023 04:14:22



Date: 11.MAY.2023 04:26:12

Highest Channel / 1RB



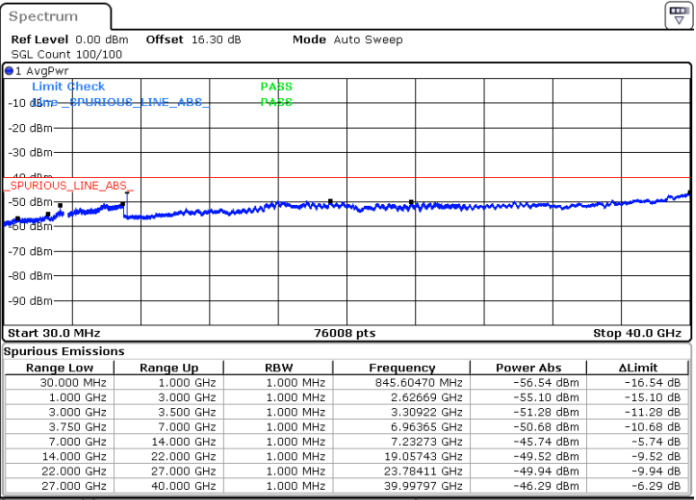
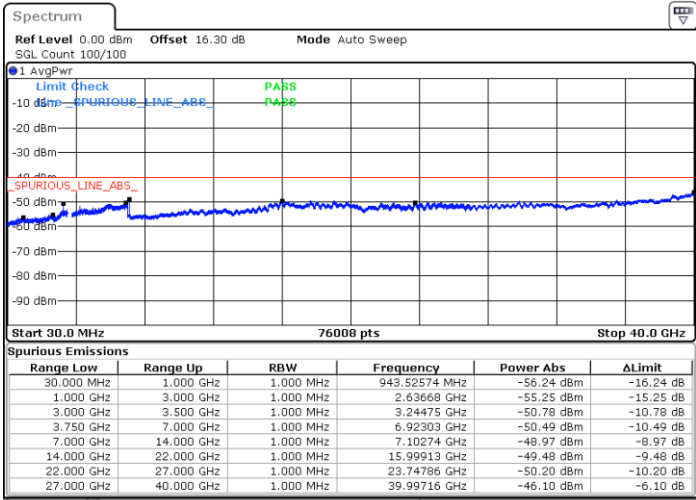
Date: 11.MAY.2023 04:28:15



FR1 n48 / 20MHz / CP OFDM / QPSK

Lowest Channel / 1RB

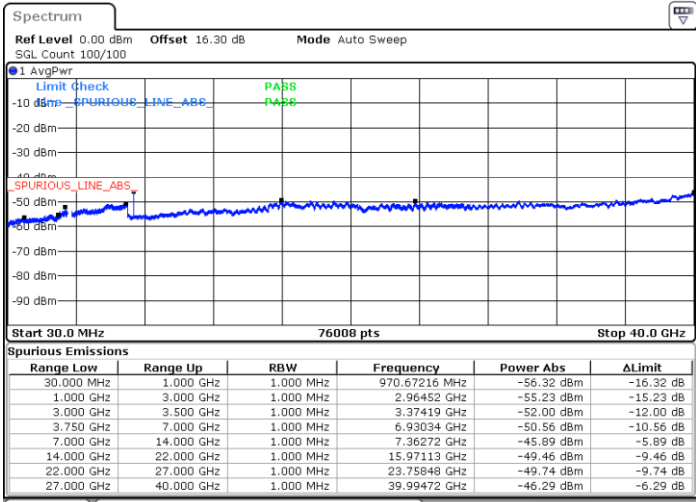
Middle Channel / 1RB



Date: 11.MAY.2023 03:53:12

Date: 11.MAY.2023 03:46:36

Highest Channel / 1RB



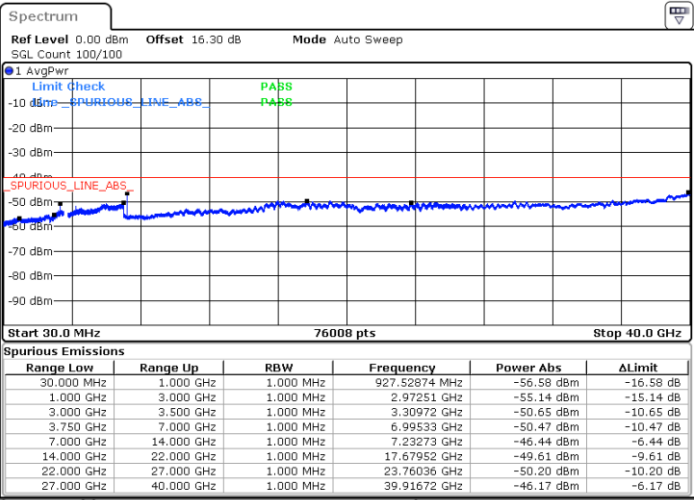
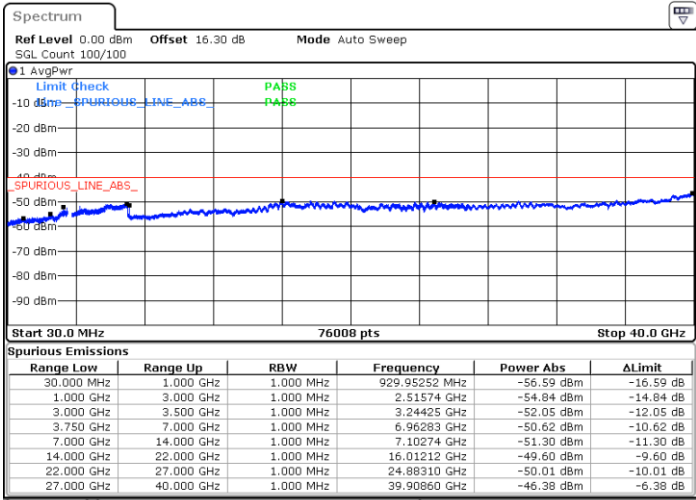
Date: 11.MAY.2023 03:41:37



FR1 n48 / 20MHz / CP OFDM / 16QAM

Lowest Channel / 1RB

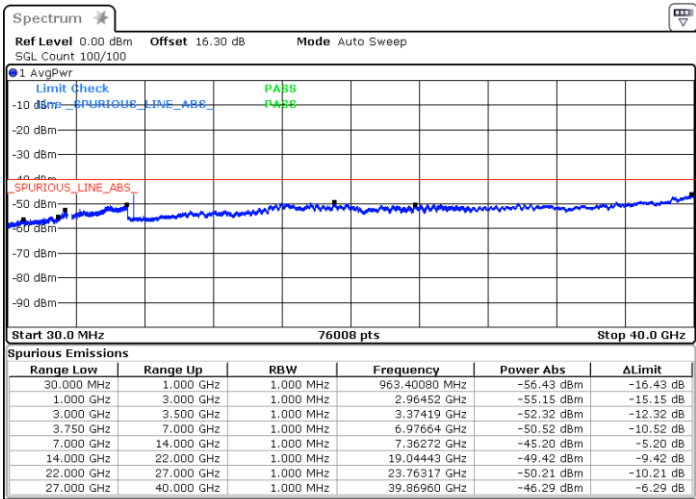
Middle Channel / 1RB



Date: 11.MAY.2023 03:51:20

Date: 11.MAY.2023 03:48:40

Highest Channel / 1RB



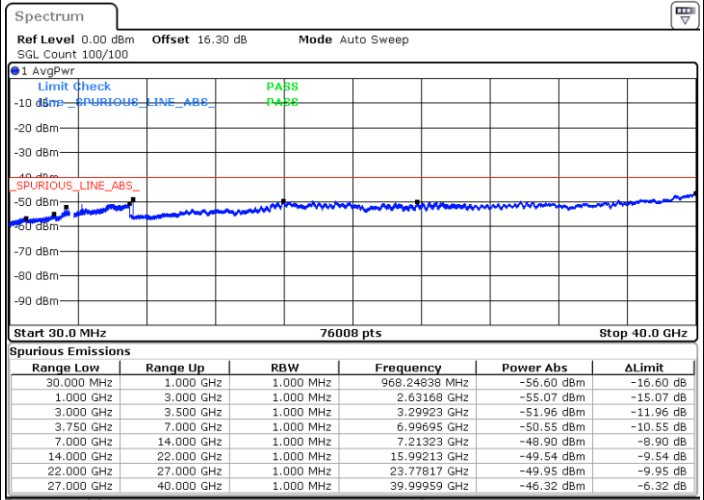
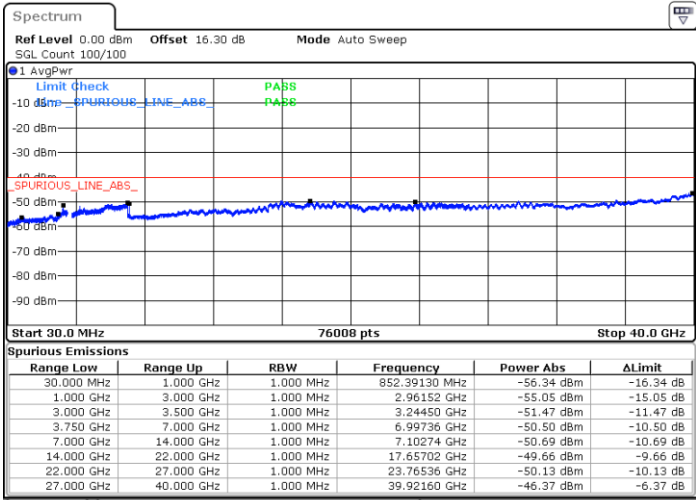
Date: 11.MAY.2023 03:39:08



FR1 n48 / 40MHz / CP OFDM / QPSK

Lowest Channel / 1RB

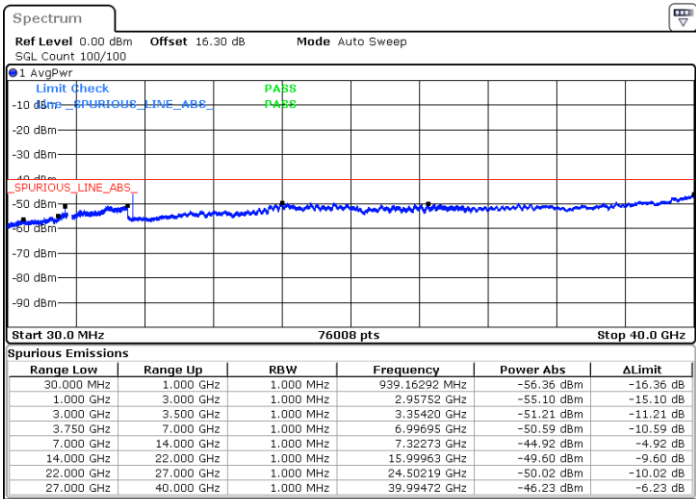
Middle Channel / 1RB



Date: 11.MAY.2023 03:58:23

Date: 11.MAY.2023 04:05:26

Highest Channel / 1RB



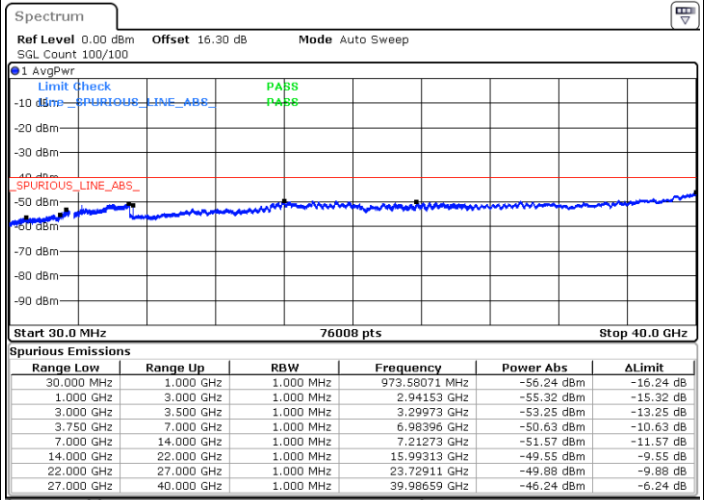
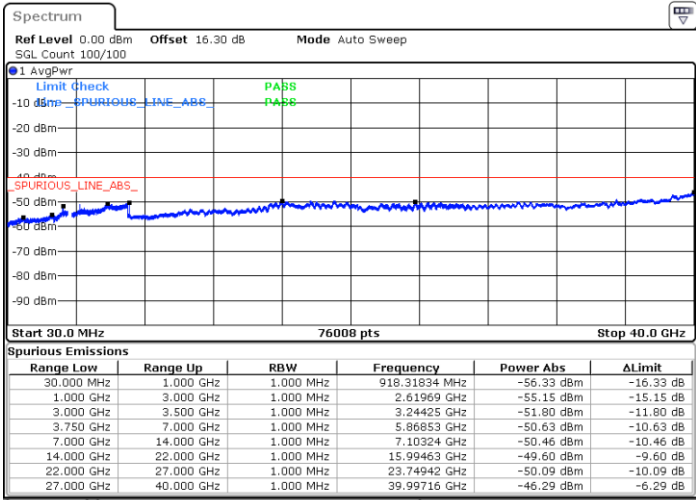
Date: 11.MAY.2023 04:08:44



FR1 n48 / 40MHz / CP OFDM / 16QAM

Lowest Channel / 1RB

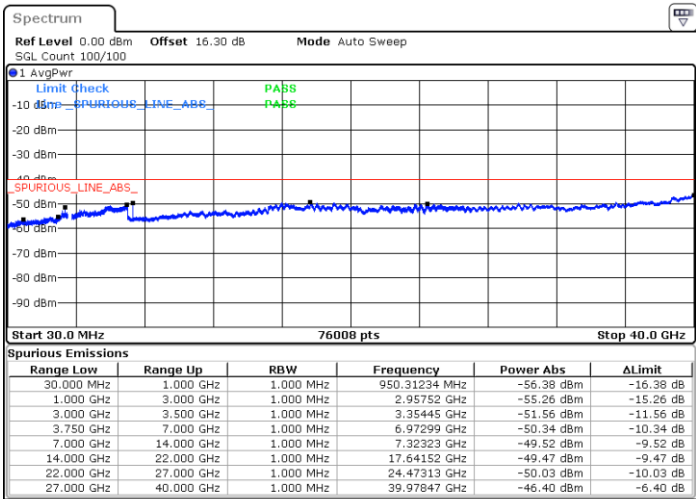
Middle Channel / 1RB



Date: 11.MAY.2023 03:59:36

Date: 11.MAY.2023 04:04:09

Highest Channel / 1RB



Date: 11.MAY.2023 04:10:04



Frequency Stability

Test Conditions		FR1 n48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0096	PASS
40	Normal Voltage	0.0134	
30	Normal Voltage	0.0089	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0121	
0	Normal Voltage	0.0137	
-10	Normal Voltage	0.0092	
-20	Normal Voltage	0.0084	
-30	Normal Voltage	0.0152	
20	Maximum Voltage	0.0064	
20	Normal Voltage	0.0125	
20	Minimum Voltage	0.0059	

Note:

1. Normal Voltage =24V. ; Minimum Voltage =20 V. ; Maximum Voltage =28 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Herry Li	Temperature :	23~25°C
		Relative Humidity :	41~42%

SA n48 / NR 40MHz / QPSK / ANT0(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7212	-62.71	-40	-22.71	-74.17	2.84	14.30	H
	10821	-61.20	-40	-21.20	-71.14	3.49	13.43	H
	14428	-60.20	-40	-20.20	-70.44	3.85	14.09	H
	7212	-62.65	-40	-22.65	-74.11	2.84	14.30	V
	10821	-61.31	-40	-21.31	-71.25	3.49	13.43	V
	14428	-60.28	-40	-20.28	-70.52	3.85	14.09	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n48 UL MIMO / NR 40MHz / QPSK / ANT0+3(NR)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7214	-62.79	-40	-22.79	-74.25	2.84	14.30	H
	10821	-61.31	-40	-21.31	-71.25	3.49	13.43	H
	14428	-60.44	-40	-20.44	-70.68	3.85	14.09	H
	7214	-62.71	-40	-22.71	-74.17	2.84	14.30	V
	10821	-61.23	-40	-21.23	-71.17	3.49	13.43	V
	14428	-60.00	-40	-20.00	-70.24	3.85	14.09	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.