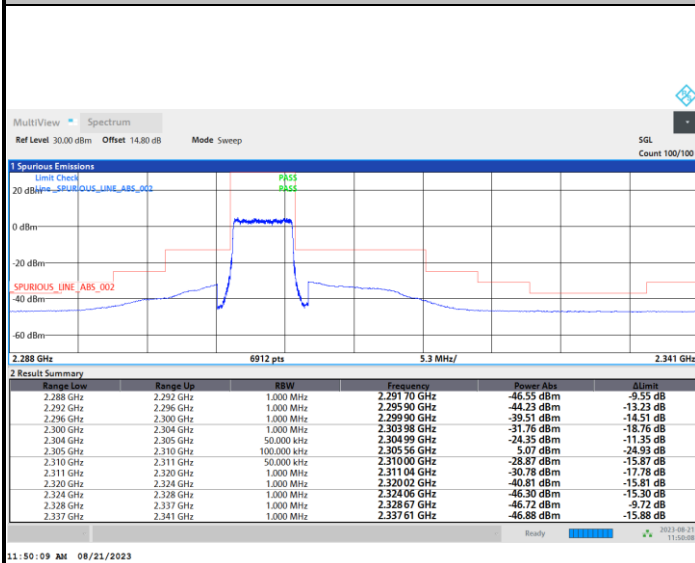
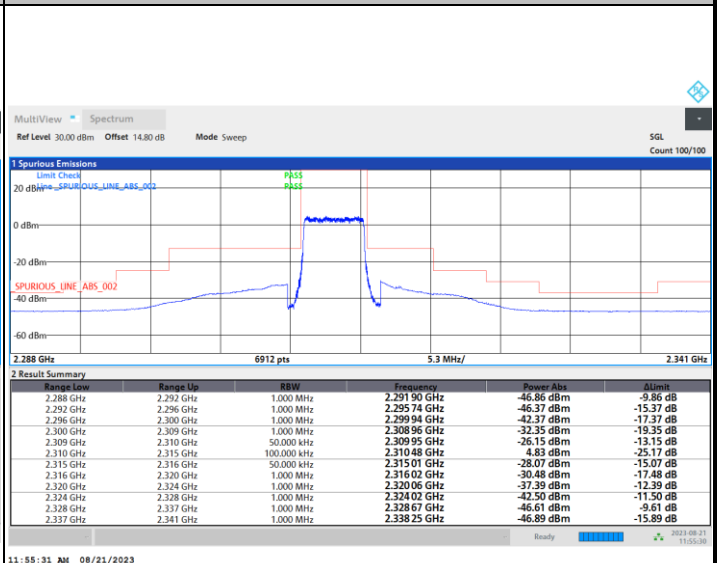




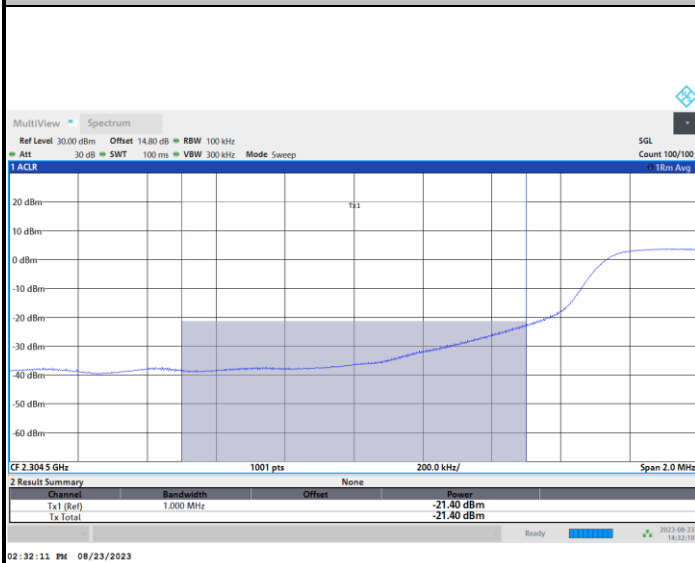
Lowest Band Edge / Full RB



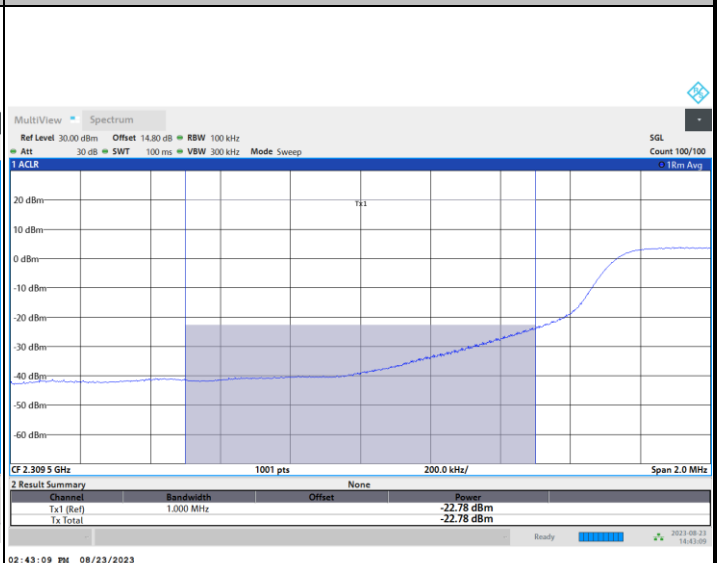
Highest Band Edge / Full RB

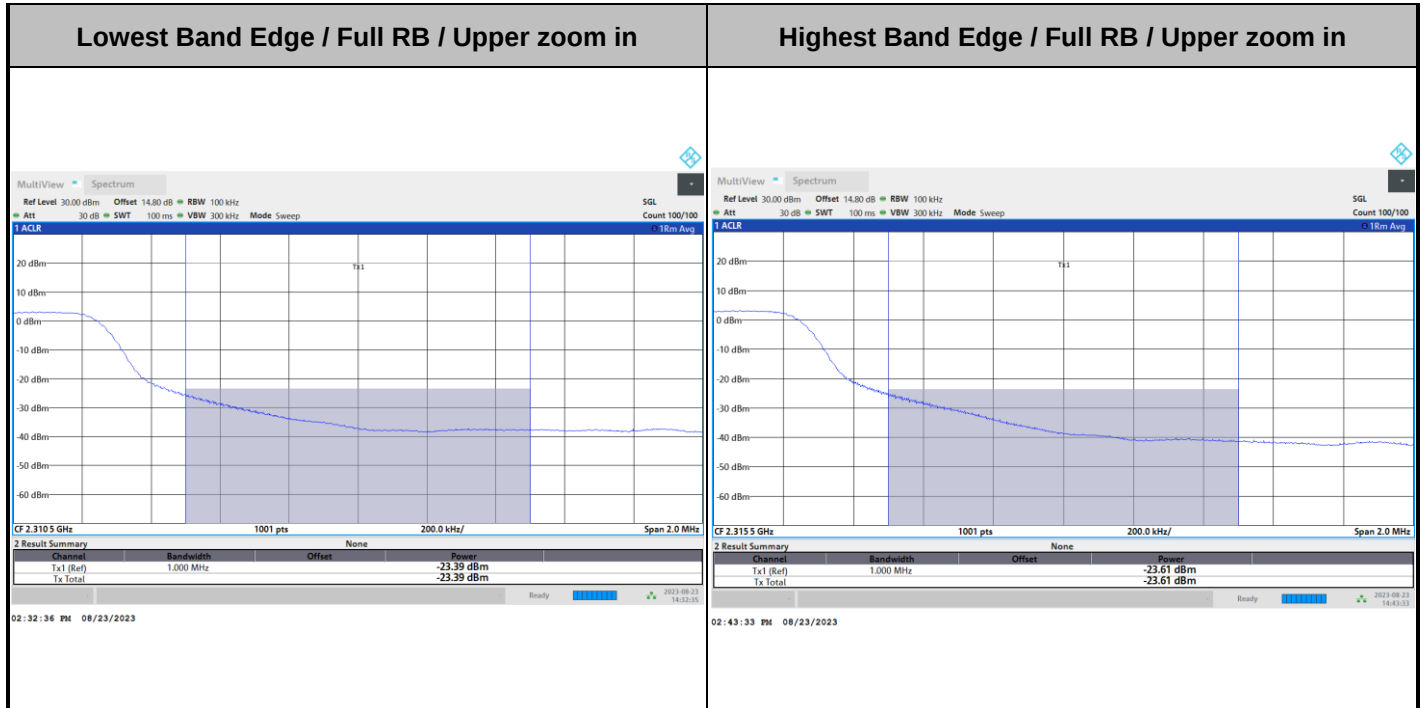


Lowest Band Edge / Full RB / Lower zoom in



Highest Band Edge / Full RB / Lower zoom in

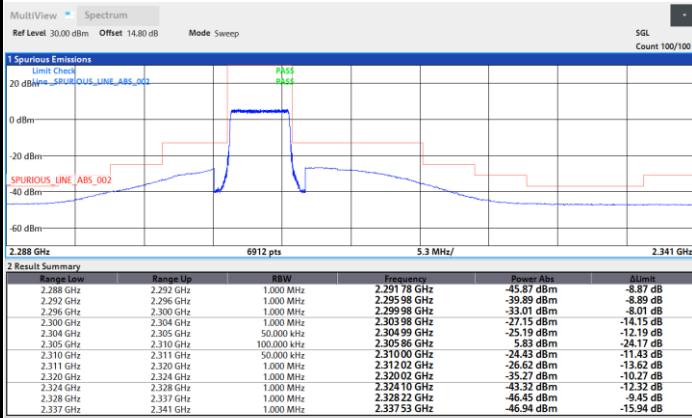






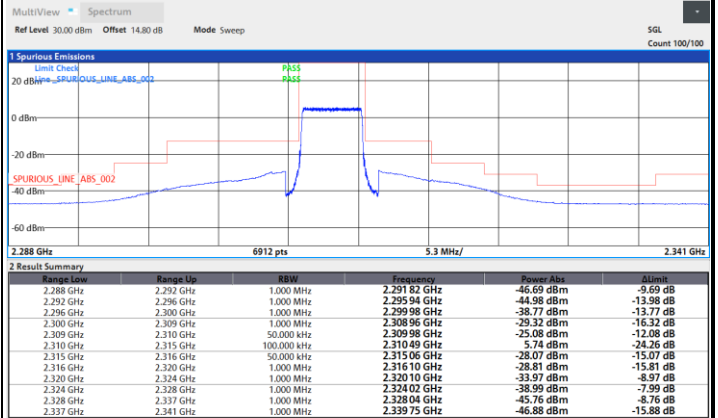
FR1 n30 / 5MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



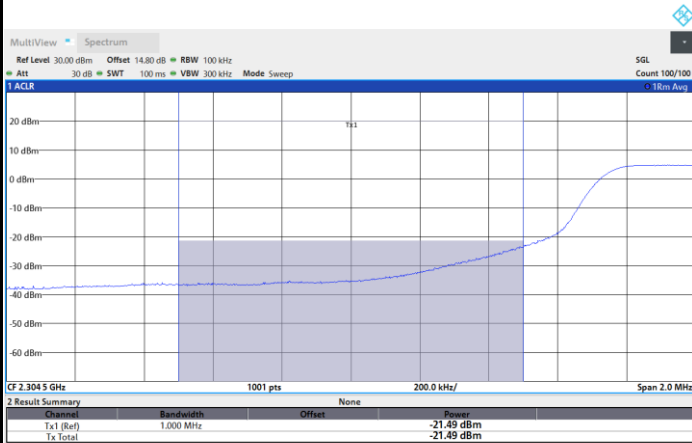
11:51:36 AM 08/21/2023

Highest Band Edge



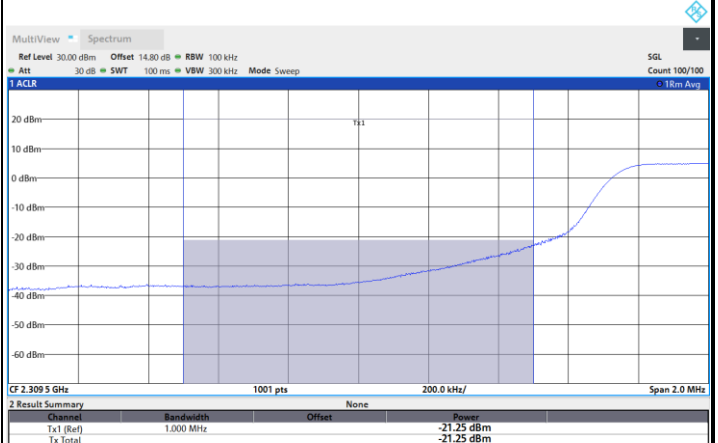
11:52:24 AM 08/21/2023

Lowest Band Edge / Full RB / Lower zoom in

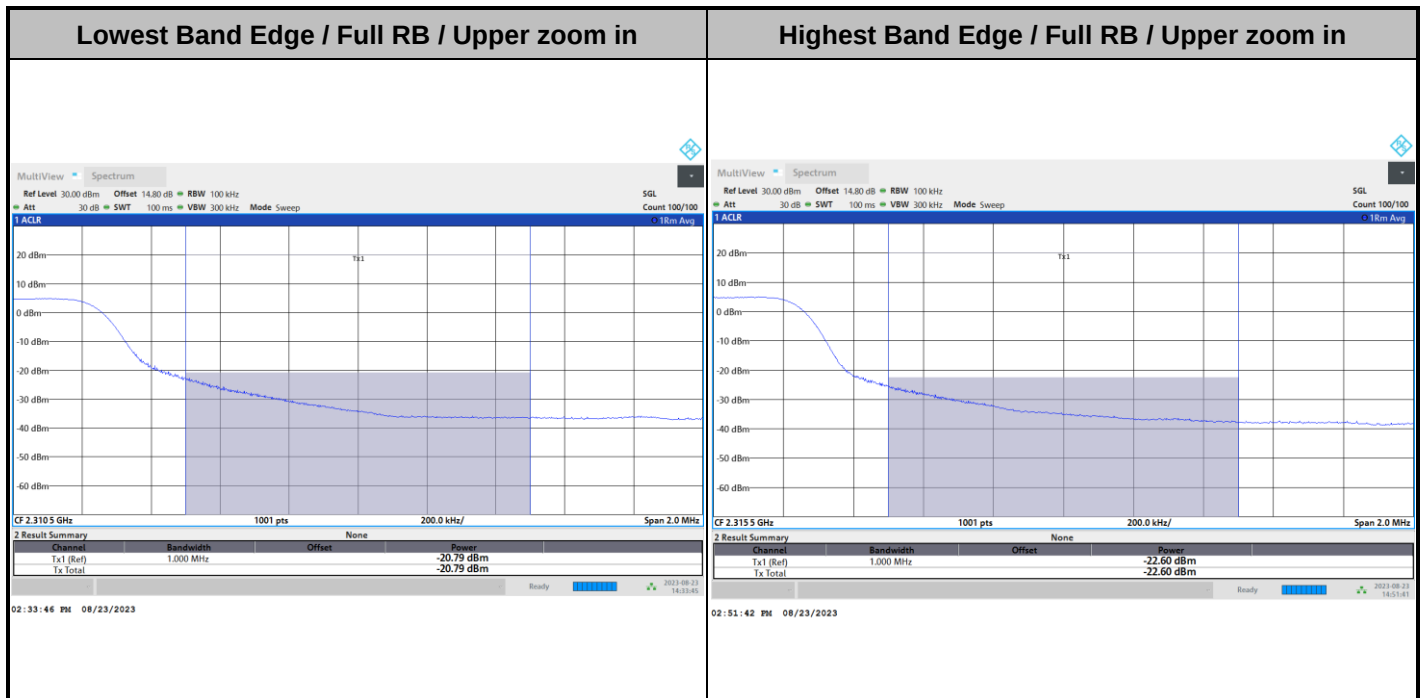


02:33:21 PM 08/23/2023

Highest Band Edge / Full RB / Lower zoom in



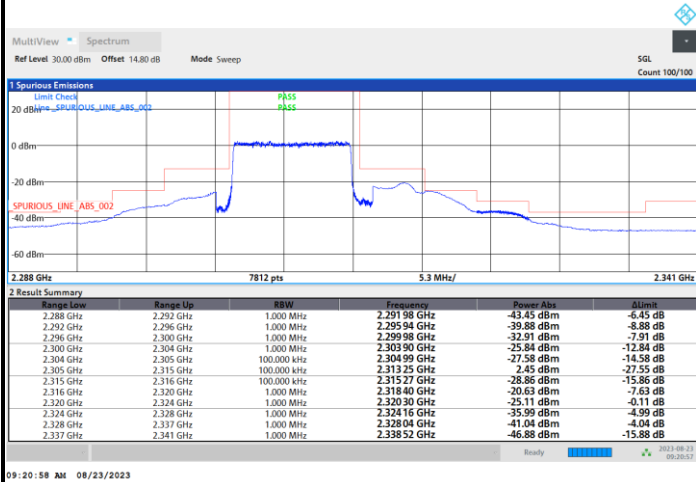
02:51:17 PM 08/23/2023



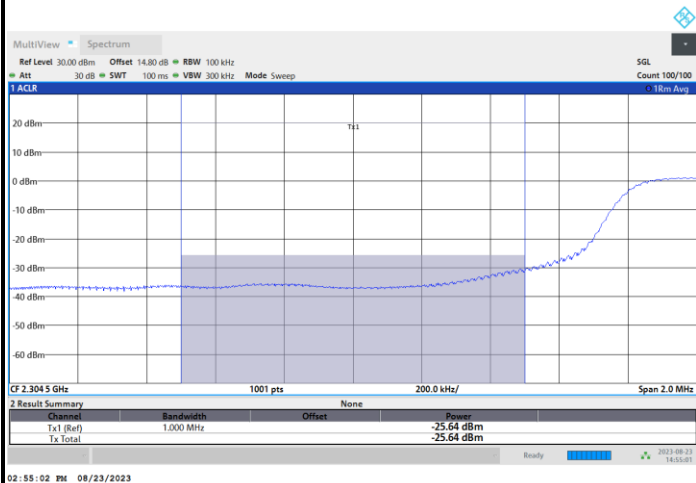


FR1 n30 / 10MHz / DFT-s-OFDM / PI/2 BPSK

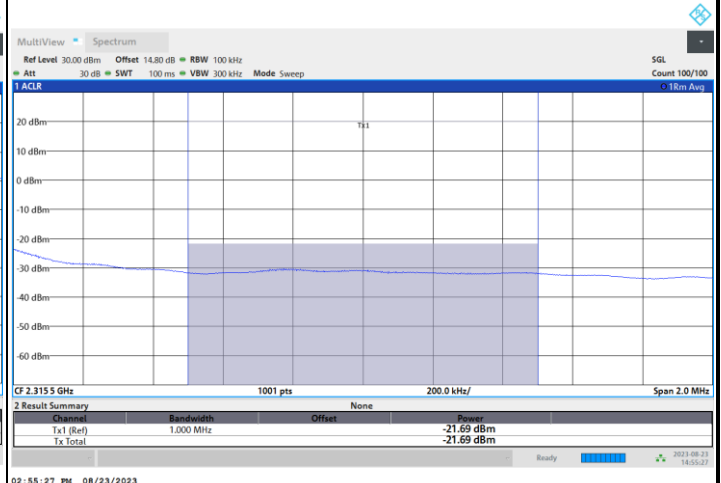
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



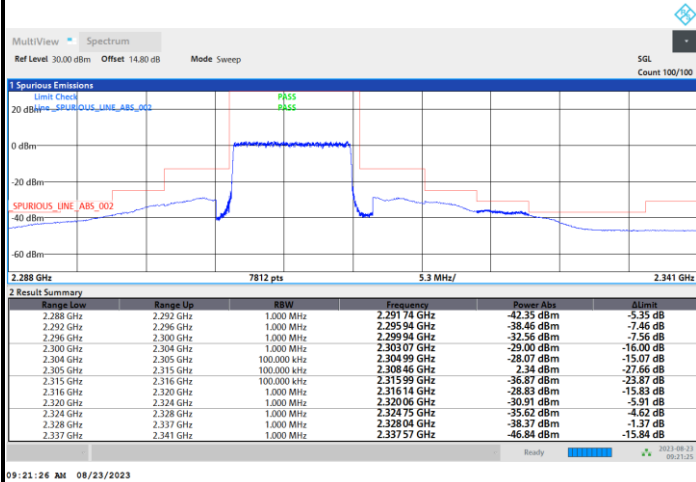
Middle Band Edge / Full RB / Upper zoom in



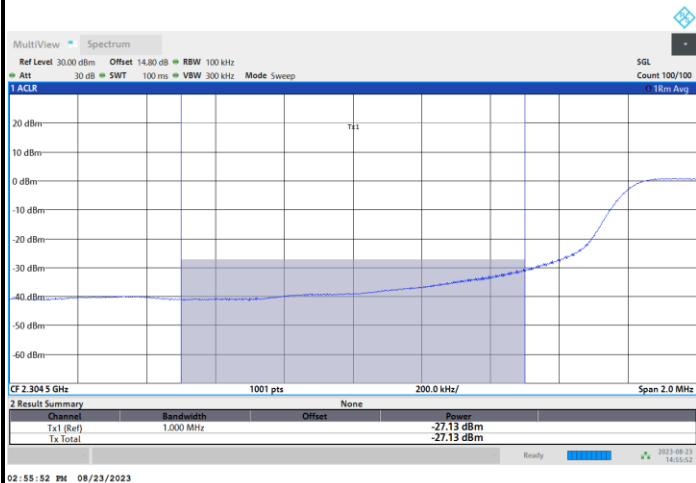


FR1 n30 / 10MHz / DFT-s-OFDM / QPSK

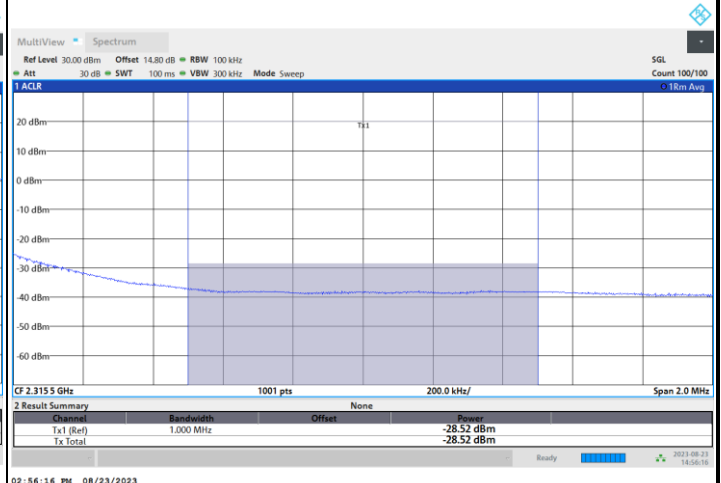
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



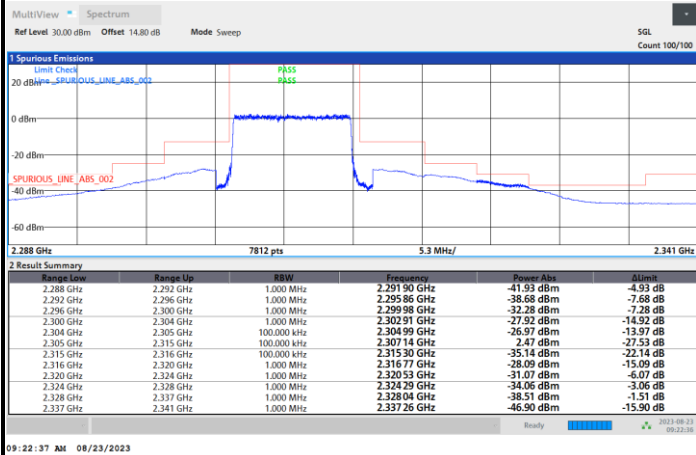
Middle Band Edge / Full RB / Upper zoom in



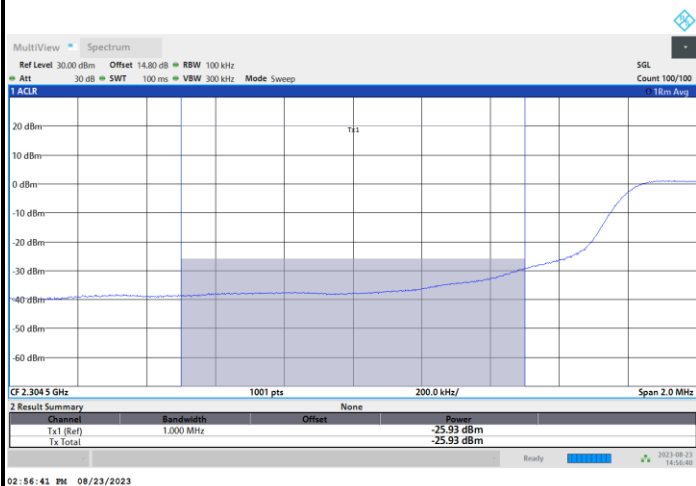


FR1 n30 / 10MHz / DFT-s-OFDM / 16QAM

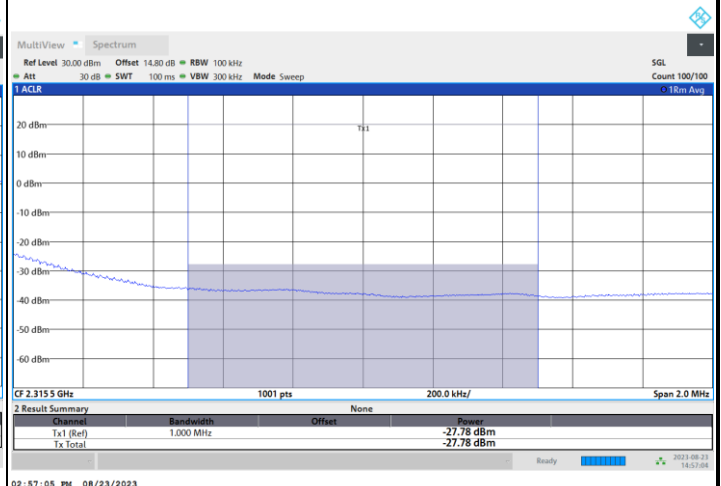
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



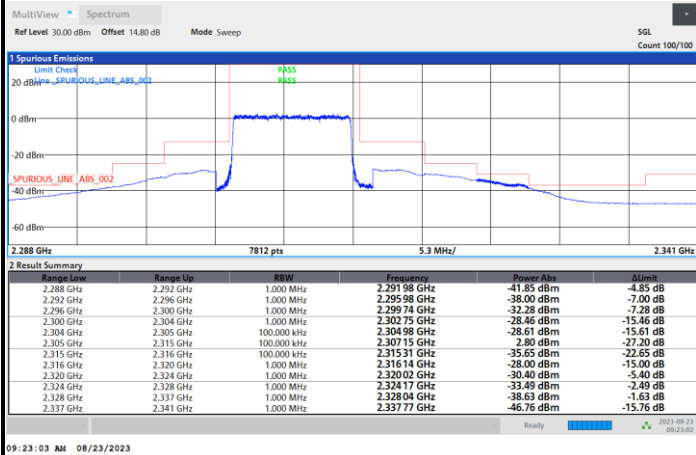
Middle Band Edge / Full RB / Upper zoom in



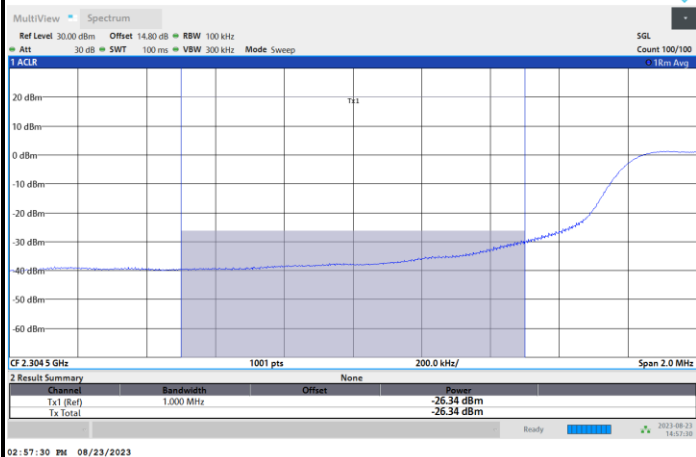


FR1 n30 / 10MHz / DFT-s-OFDM / 64QAM

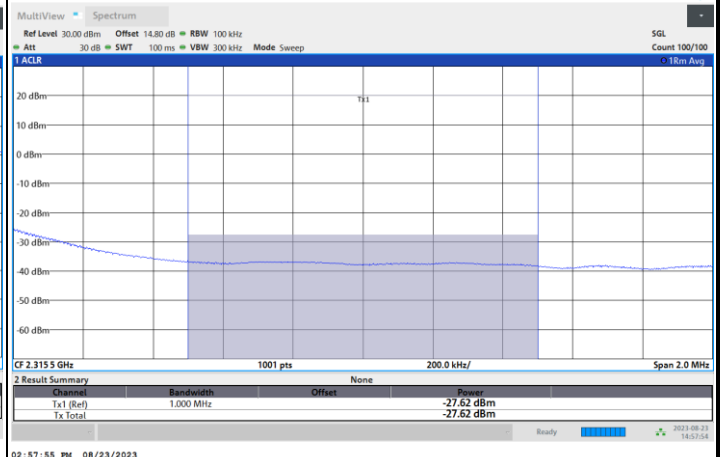
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



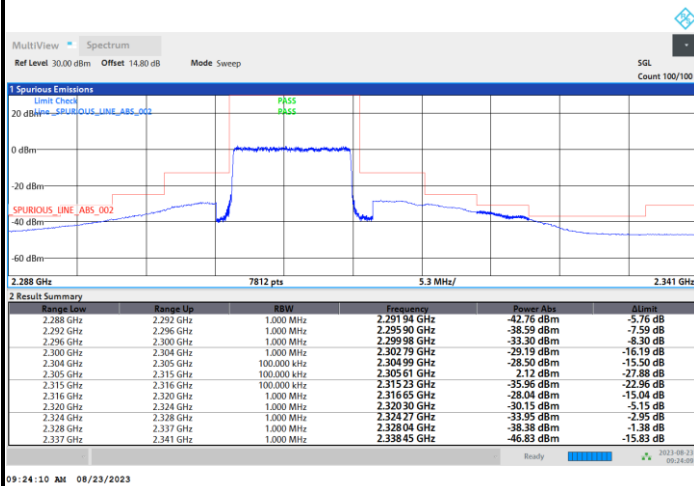
Middle Band Edge / Full RB / Upper zoom in



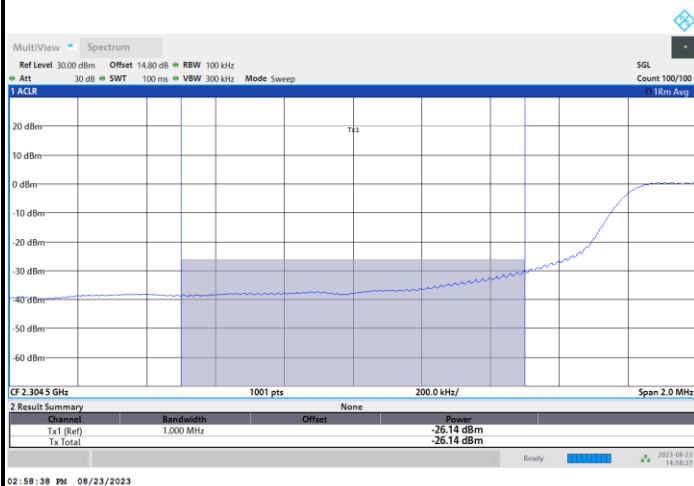


FR1 n30 / 10MHz / DFT-s-OFDM / 256QAM

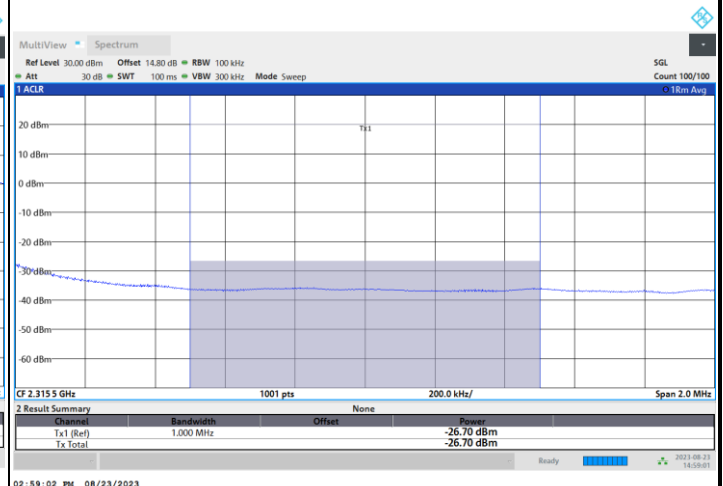
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



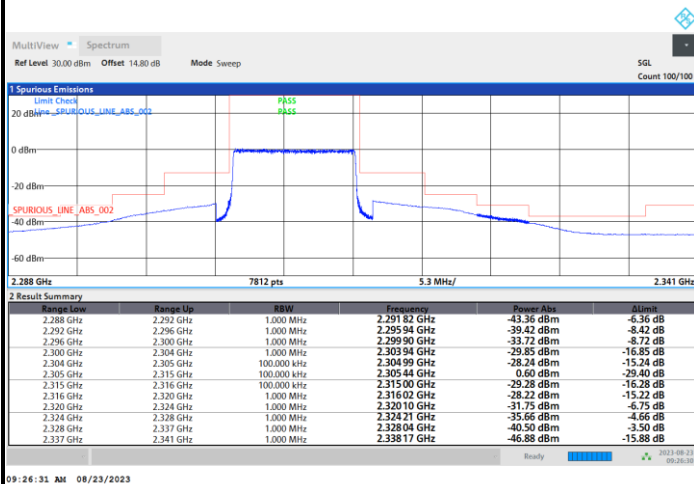
Middle Band Edge / Full RB / Upper zoom in



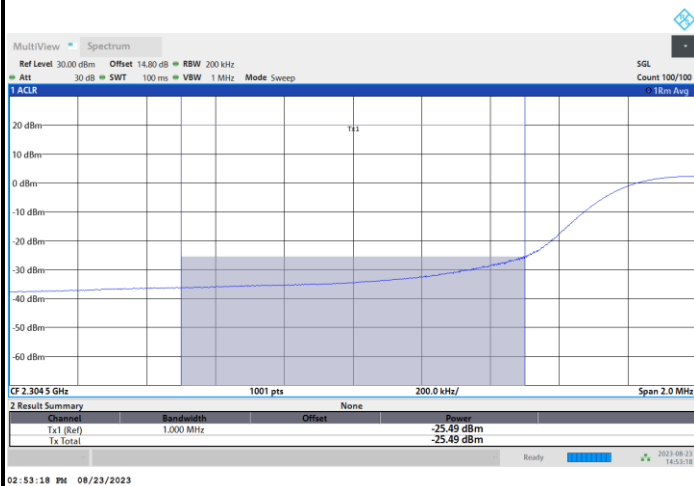


FR1 n30 / 10MHz / CP OFDM / QPSK / Full RB

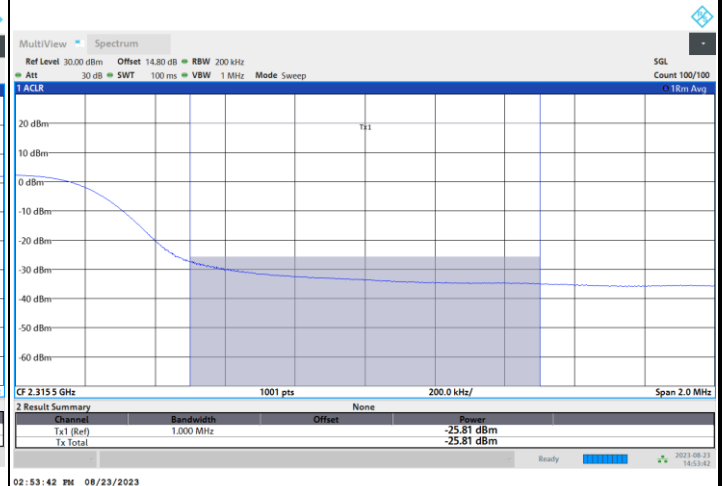
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



Middle Band Edge / Full RB / Upper zoom in

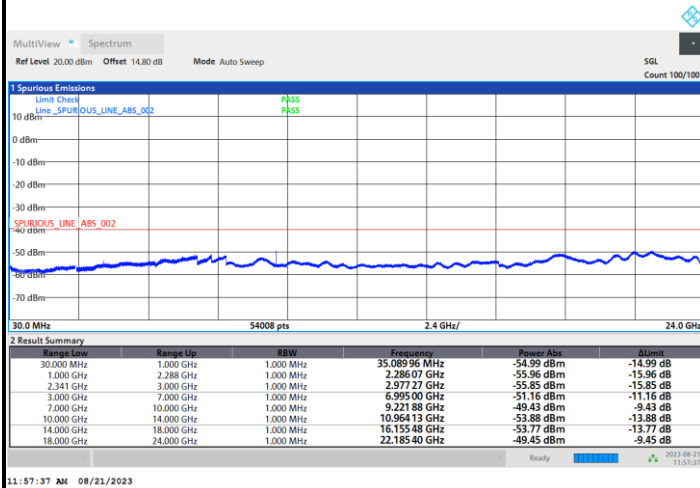




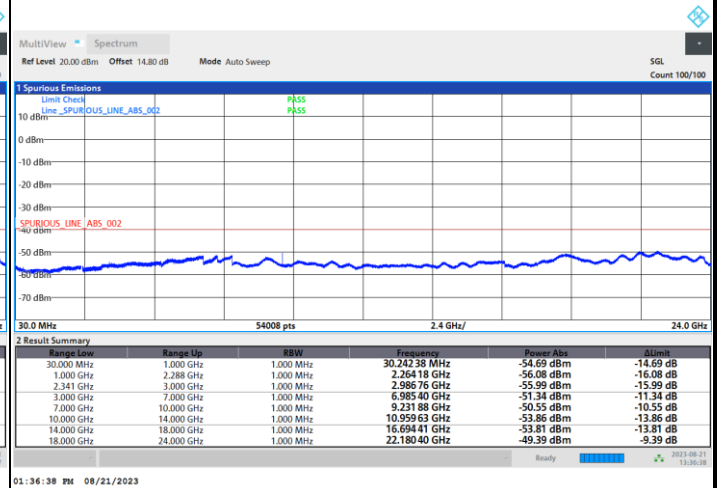
Conducted Spurious Emission

FR1 n30 / 5MHz / DFT-S OFDM / QPSK / 1RB1

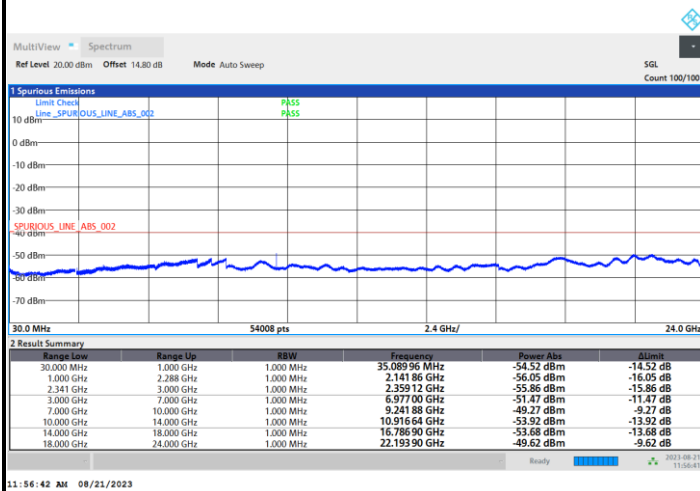
Lowest Channel



Middle Channel



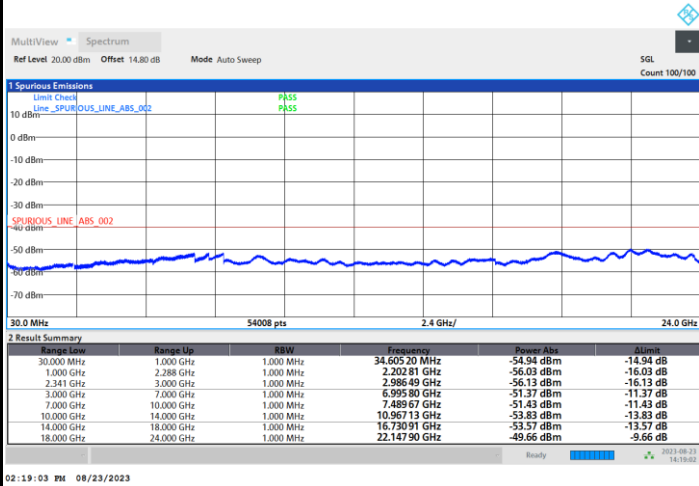
Highest Channel





FR1 n30 / 10MHz / DFT-S OFDM / QPSK / 1RB1

Middle Channel



Frequency Stability

Test Conditions		FR1 n30 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0044	PASS
40	Normal Voltage	0.0039	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0073	
-20	Normal Voltage	0.0056	
-30	Normal Voltage	0.0038	
20	Maximum Voltage	0.0030	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0050	

Note:

1. Normal Voltage = 3.3. V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

5G NR n30

5G NR n30 / 5MHz / BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4611	-65.58	-40	-25.58	-61.03	-71.5	6.74	12.66	H
	6926	-62.07	-40	-22.07	-64.79	-65.52	8.50	11.95	H
	9222	-58.79	-40	-18.79	-66.2	-59.89	9.71	10.81	H
									H
									H
	4611	-66.10	-40	-26.10	-61.46	-72.02	6.74	12.66	V
	6926	-61.87	-40	-21.87	-65.1	-65.32	8.50	11.95	V
	9222	-60.31	-40	-20.31	-66.44	-61.41	9.71	10.81	V
									V
									V
									V
									V
Middle	4616	-63.66	-40	-23.66	-59.14	-69.55	6.75	12.64	H
	6924	-56.94	-40	-16.94	-59.63	-60.4	8.50	11.95	H
	9232	-59.62	-40	-19.62	-67.04	-60.68	9.72	10.77	H
									H
									H
	4616	-63.15	-40	-23.15	-58.55	-69.04	6.75	12.64	V
	6924	-55.89	-40	-15.89	-59.16	-59.35	8.50	11.95	V
	9232	-61.10	-40	-21.10	-67.23	-62.16	9.72	10.77	V
									V
									V
									V
									V



Highest	4616	-66.21	-40	-26.21	-61.7	-72.1	6.75	12.64	H
	6924	-62.91	-40	-22.91	-65.6	-66.37	8.50	11.95	H
	9232	-59.28	-40	-19.28	-66.7	-60.34	9.72	10.77	H
									H
									H
									H
									H
	4616	-66.24	-40	-26.24	-61.65	-72.13	6.75	12.64	V
	6924	-62.47	-40	-22.47	-65.74	-65.93	8.50	11.95	V
	9232	-60.84	-40	-20.84	-66.97	-61.9	9.72	10.77	V
									V
									V
									V
									V

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

————THE END————