

11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



7.5. Conducted Band Edge and Out-of-Band Emissions

7.5.1. Test Limit

The limit for out-of-band spurious emissions at the band edge is 30dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100 kHz bandwidth per the PSD procedure.

7.5.2. Test Procedure Used

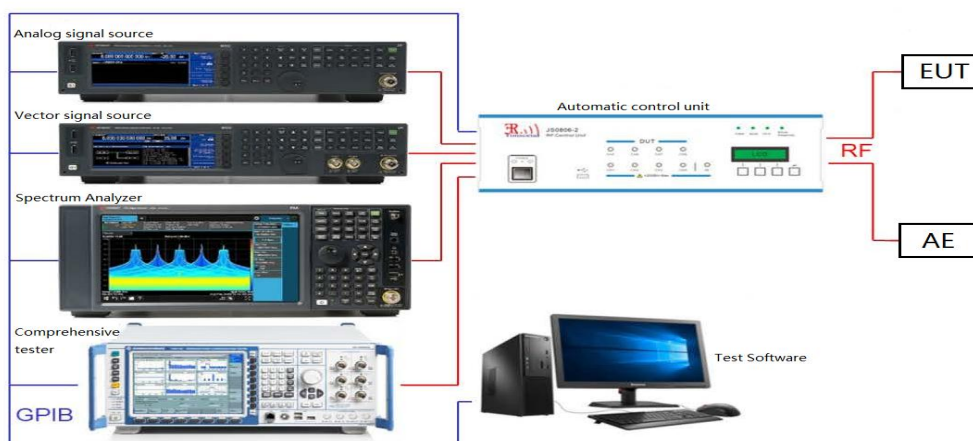
KDB 558074 D01 v05r02 - Section 8.5 & Section 8.6

ANSI C63.10 – Section 11.11&11.12

7.5.3. Test Settintng

- (a) Set the center frequency and span to encompass frequency range to be measured
- (b) RBW = 100kHz
- (c) VBW = 300kHz
- (d) Detector = RMS
- (e) Trace mode = max hold
- (f) Sweep time = auto couple
- (g) The trace was allowed to stabilize

7.5.4. Test Setup

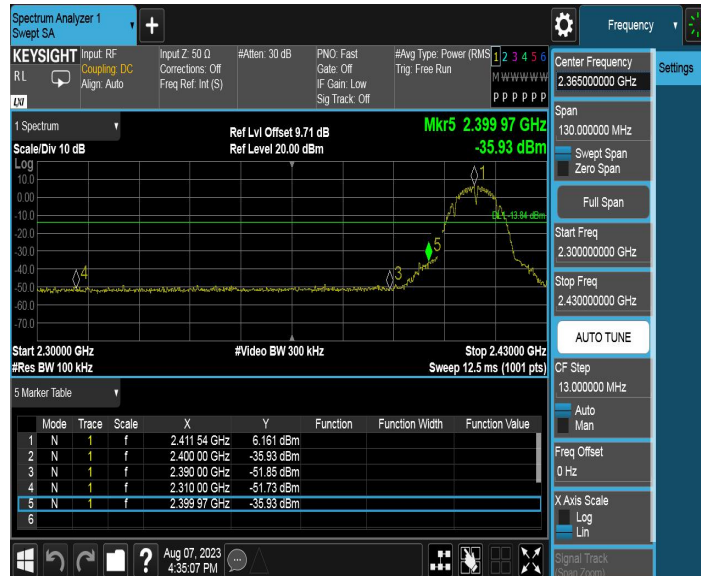


7.5.5. Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.13	6.13	---	PASS
			30~1000	6.13	-56.03	≤-13.87	PASS
			1000~26500	6.13	-38.49	≤-13.87	PASS
		2437	Reference	6.73	6.73	---	PASS
			30~1000	6.73	-54.32	≤-13.27	PASS
			1000~26500	6.73	-37.69	≤-13.27	PASS
		2462	Reference	7.30	7.30	---	PASS
			30~1000	7.30	-55.34	≤-12.7	PASS
			1000~26500	7.30	-38.76	≤-12.7	PASS
11G	Ant1	2412	Reference	2.78	2.78	---	PASS
			30~1000	2.78	-60.08	≤-17.22	PASS
			1000~26500	2.78	-51.4	≤-17.22	PASS
		2437	Reference	4.11	4.11	---	PASS
			30~1000	4.11	-60.56	≤-15.89	PASS
			1000~26500	4.11	-48.19	≤-15.89	PASS
		2462	Reference	4.77	4.77	---	PASS
			30~1000	4.77	-60.56	≤-15.23	PASS
			1000~26500	4.77	-50.7	≤-15.23	PASS
11N20SISO	Ant1	2412	Reference	2.78	2.78	---	PASS
			30~1000	2.78	-60.43	≤-17.22	PASS
			1000~26500	2.78	-51.31	≤-17.22	PASS
		2437	Reference	3.79	3.79	---	PASS
			30~1000	3.79	-60.19	≤-16.21	PASS
			1000~26500	3.79	-48.41	≤-16.21	PASS
		2462	Reference	3.67	3.67	---	PASS
			30~1000	3.67	-60.16	≤-16.33	PASS
			1000~26500	3.67	-51.22	≤-16.33	PASS

Test Graphs of Band edge

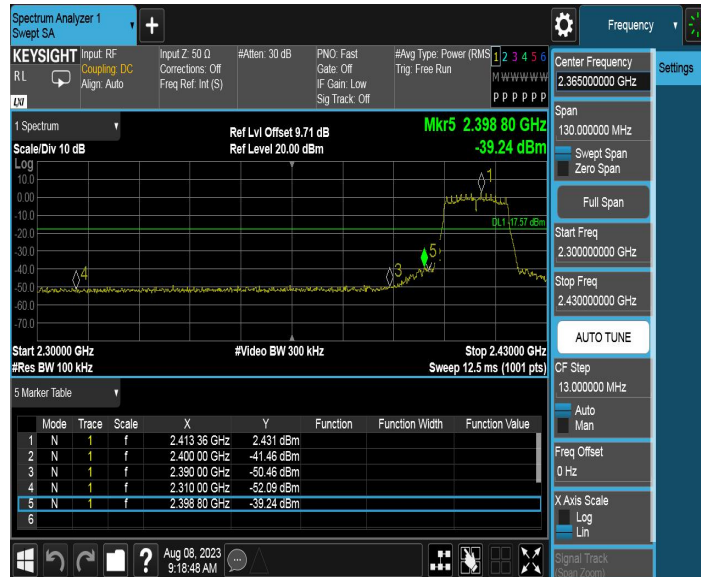
11B_Ant1_Low_2412



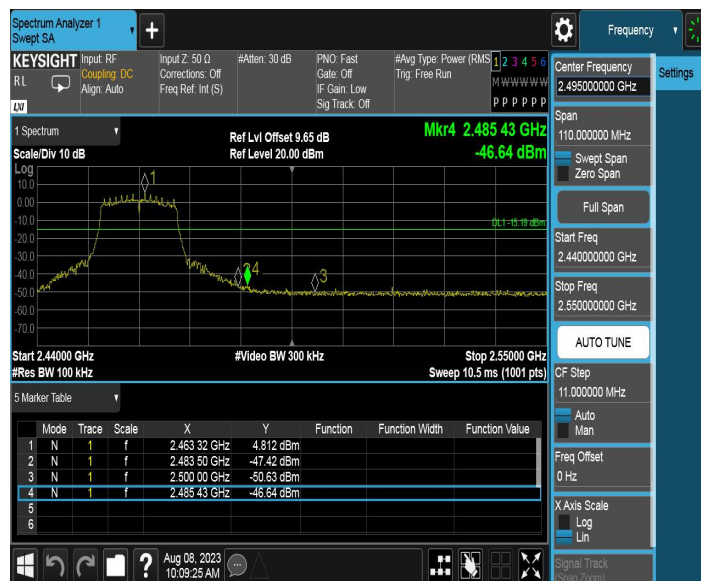
11B_Ant1_High_2462



11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



Test Graphs of Out-of-Band Emissions

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



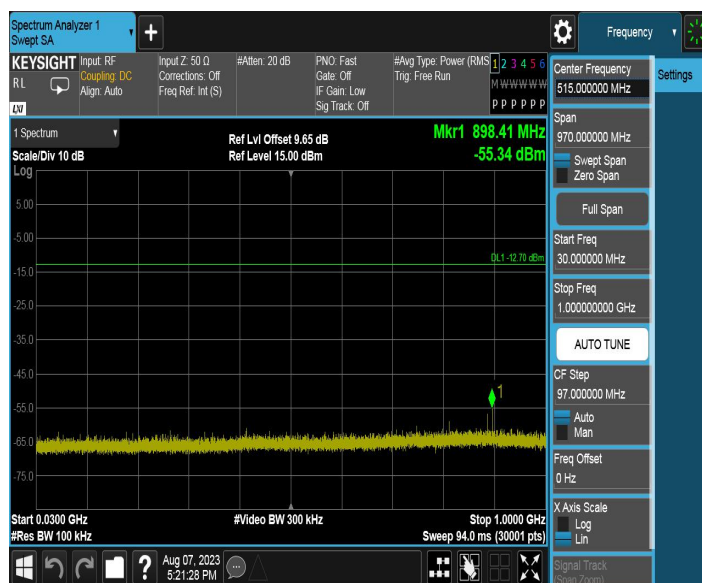
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



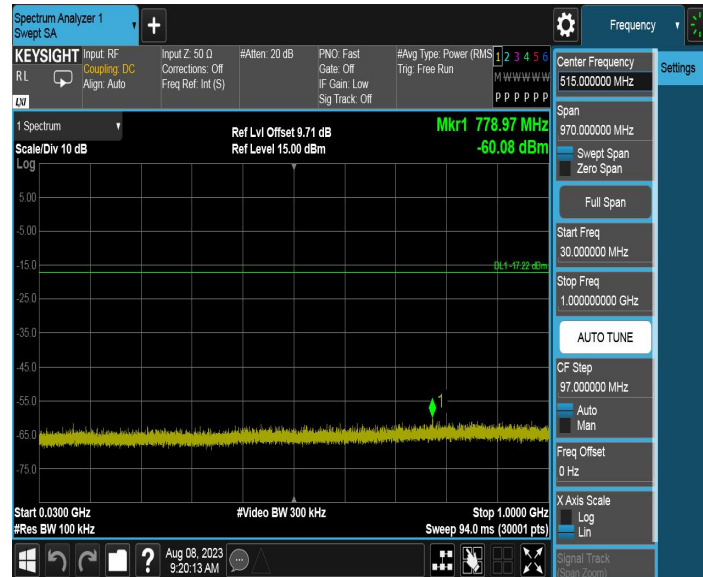
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



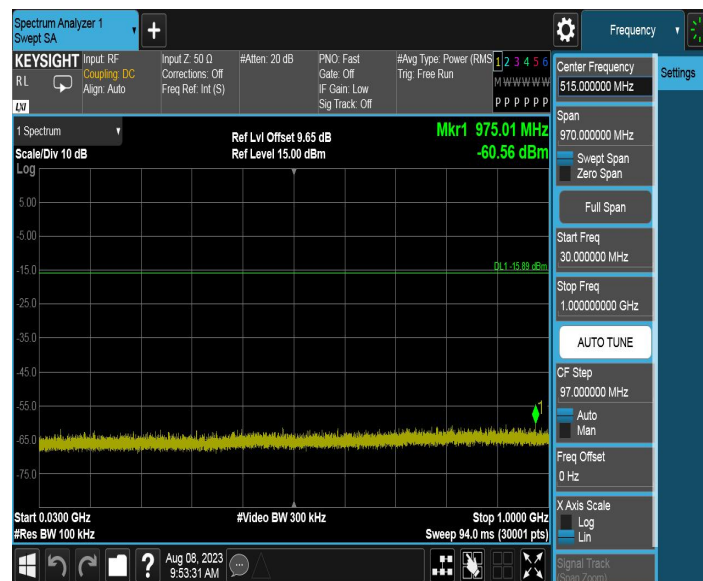
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



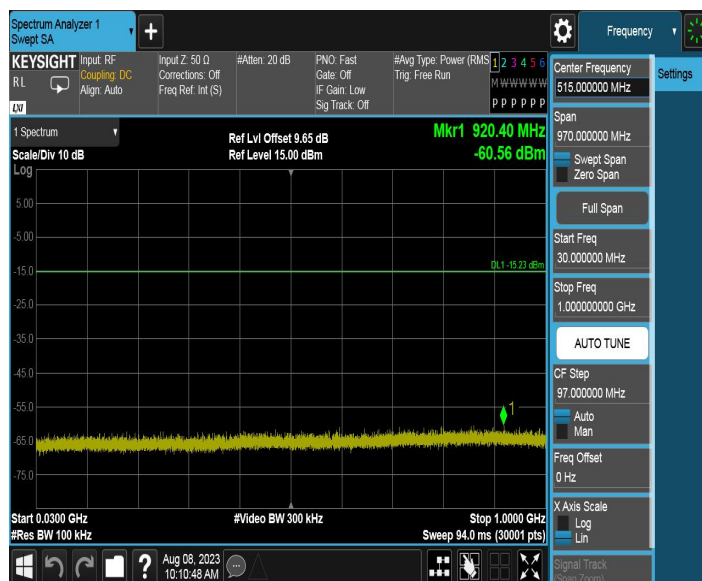
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



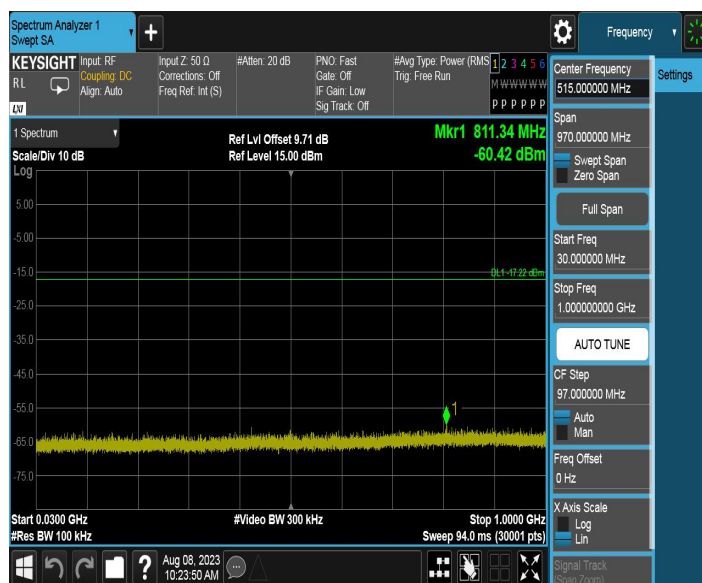
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



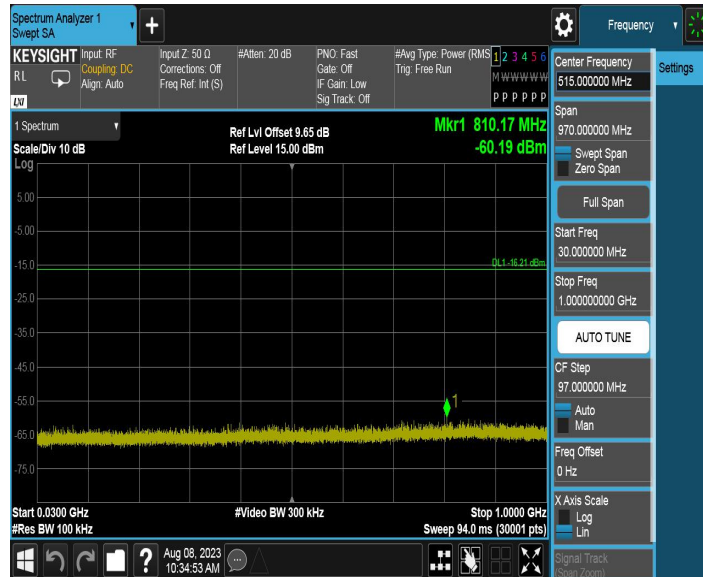
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



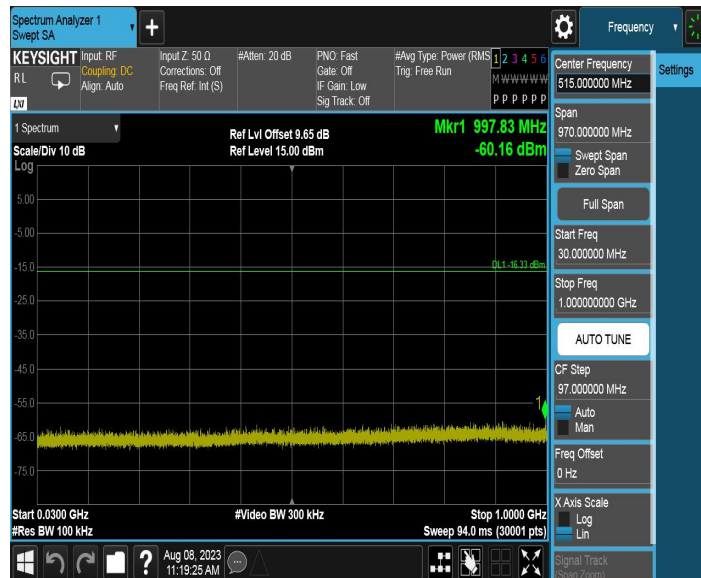
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500

