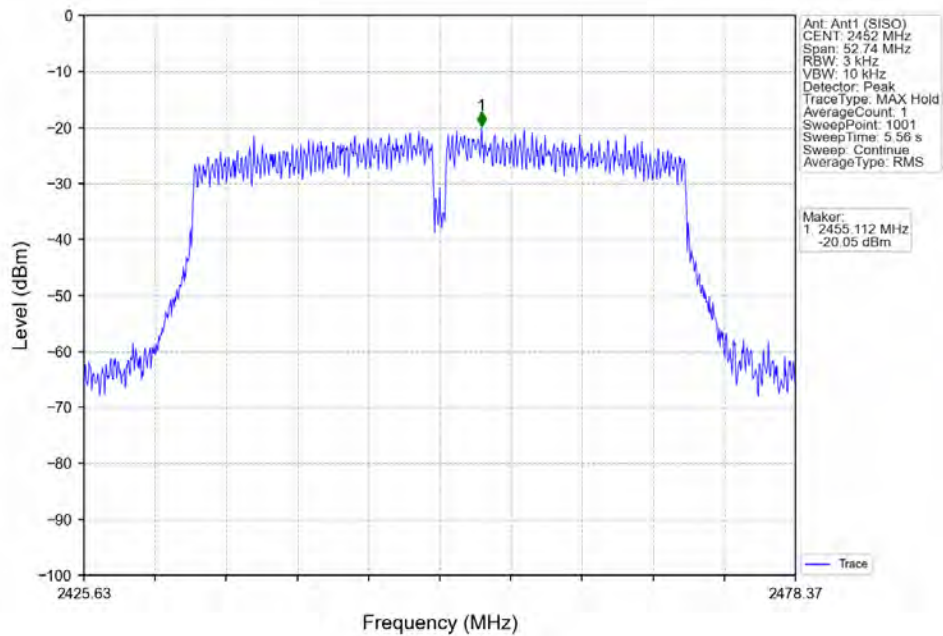
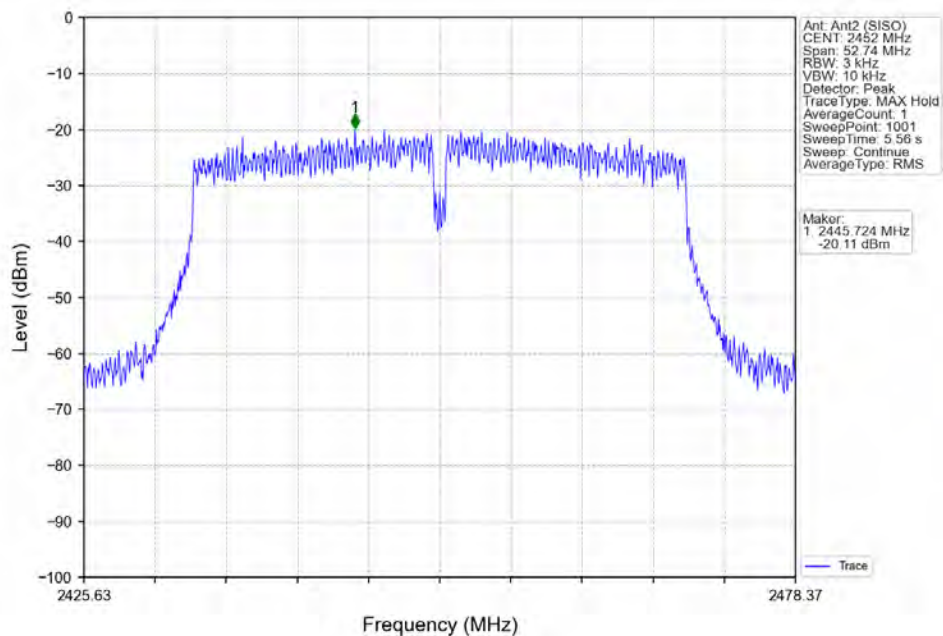


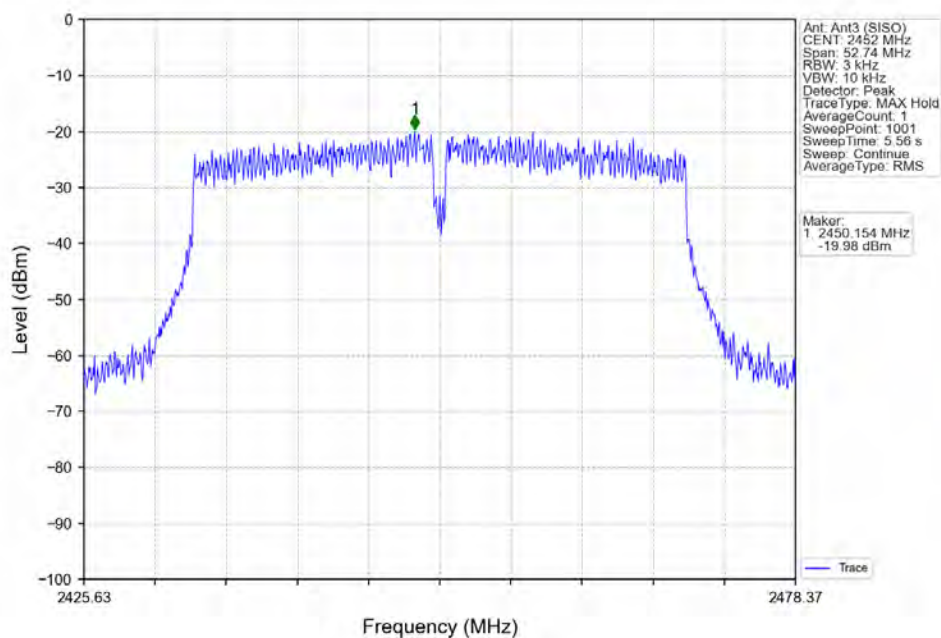
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



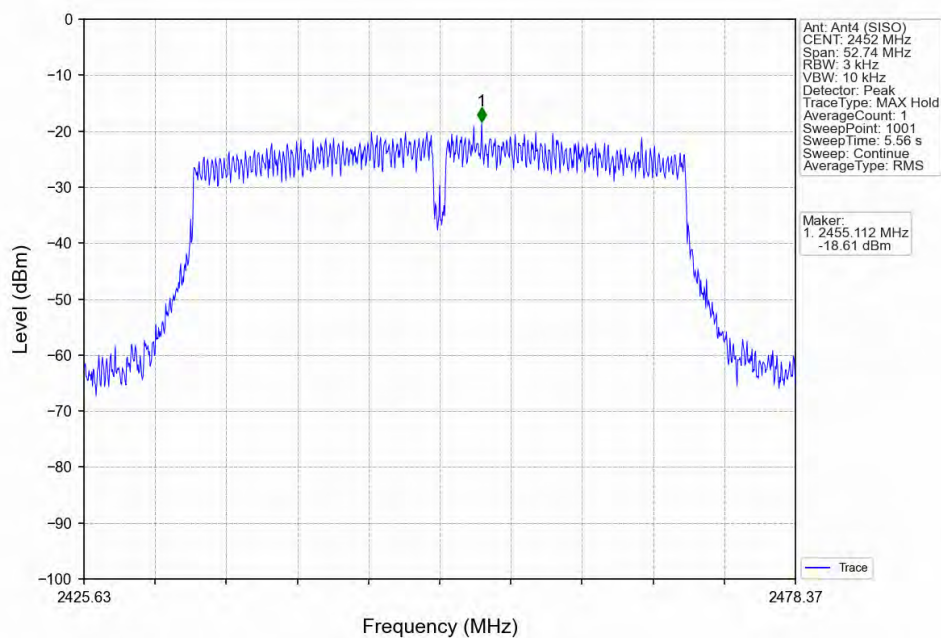
802.11n(HT40)_HCH_2452MHz_Ant2 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant3 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant4 (SISO)_NTNV



5. Unwanted Emissions In Non-restricted Frequency Bands

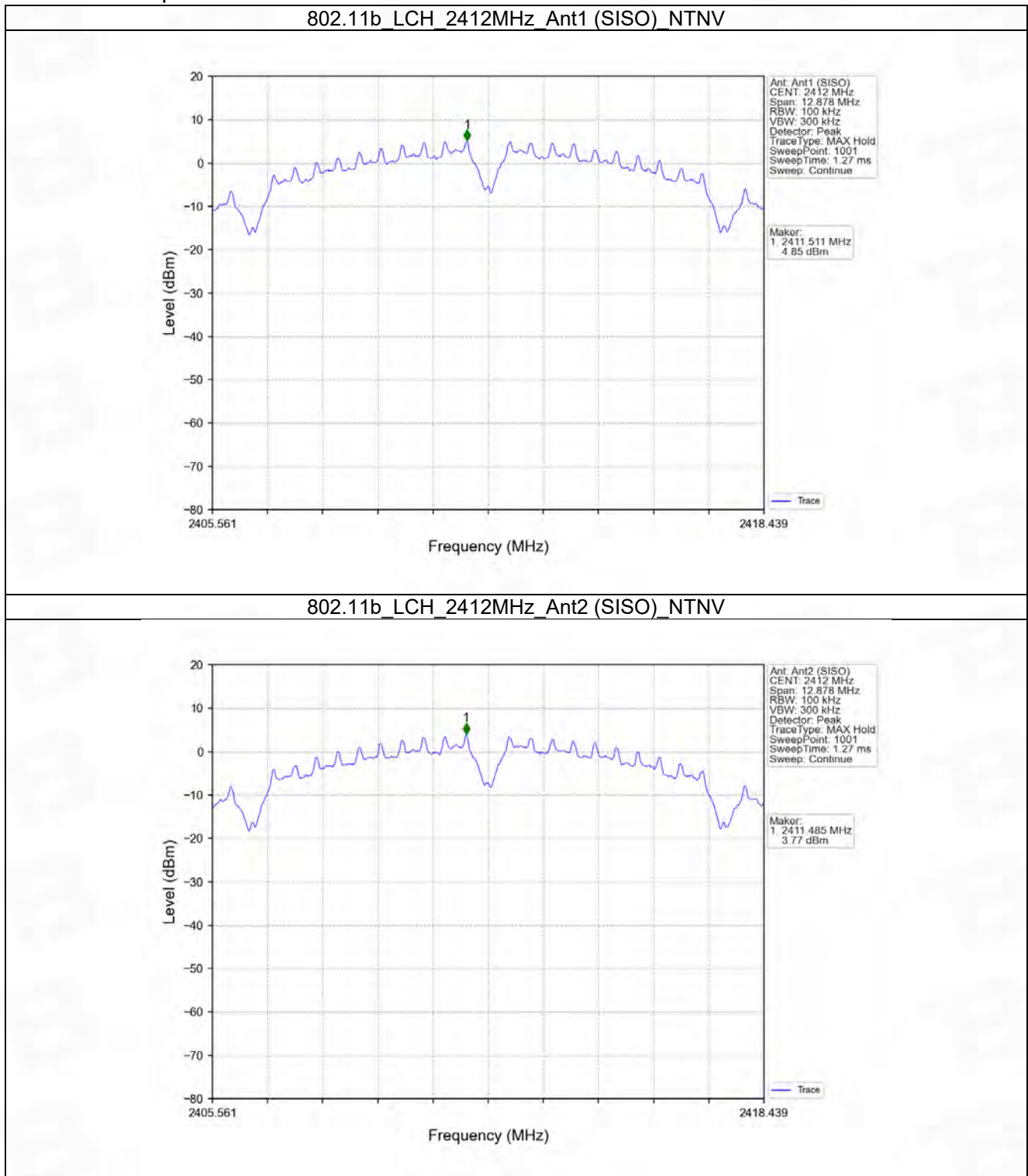
5.1 Ref

5.1.1 Test Result

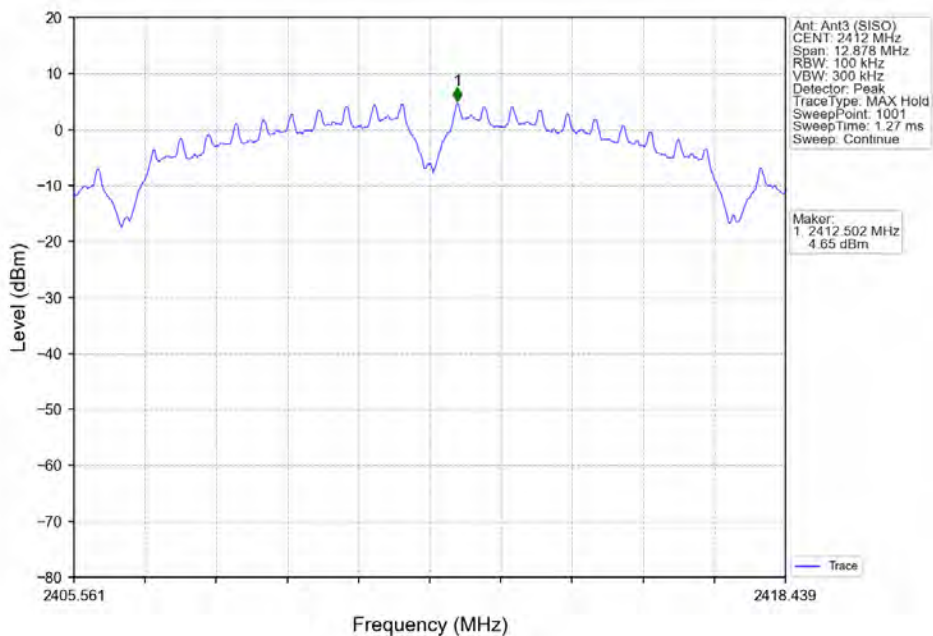
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	4.85
			2	3.77
			3	4.65
			4	4.76
		2437	1	5.41
			2	3.71
			3	4.76
			4	4.51
		2462	1	5.20
			2	4.14
			3	4.67
			4	4.15
802.11g	SISO	2412	1	-1.12
			2	0.94
			3	-2.27
			4	-1.74
		2437	1	-1.47
			2	-1.88
			3	-1.91
			4	-1.80
		2462	1	-1.79
			2	-1.91
			3	-1.79
			4	-1.70
802.11n (HT20)	SISO	2412	1	-1.82
			2	-1.81
			3	-1.85
			4	-1.59
		2437	1	-2.24
			2	-2.26
			3	-1.71
			4	-1.50
		2462	1	-2.02
			2	-1.82
			3	-2.11
			4	-1.67
802.11n (HT40)	SISO	2422	1	-4.58
			2	-4.61
			3	-4.70
			4	-4.70
		2437	1	-5.14

			2	-5.21
			3	-4.60
			4	-4.50
		2452	1	-5.13
			2	-4.86
			3	-4.62
			4	-4.56
			Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.	

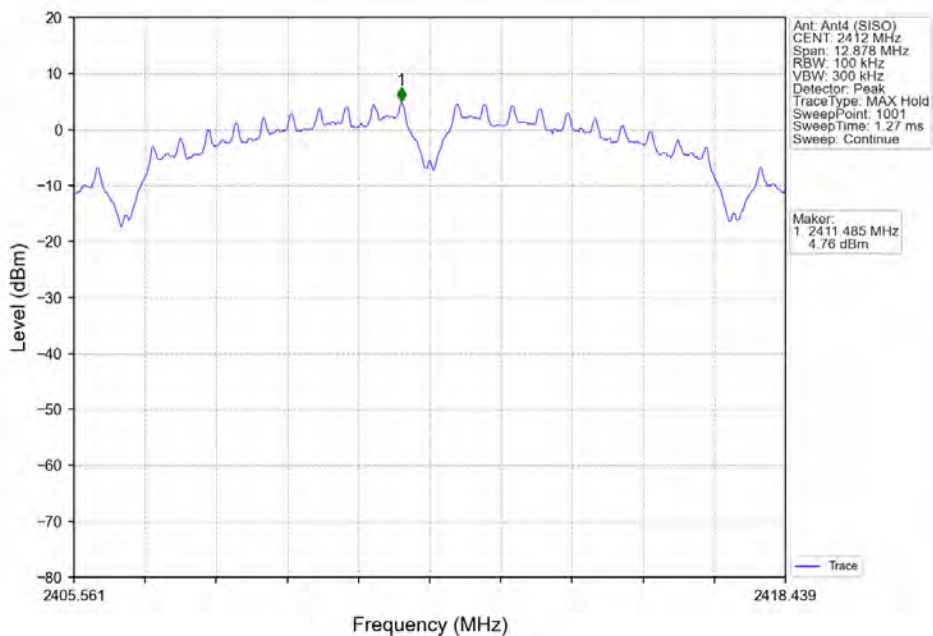
5.1.2 Test Graph



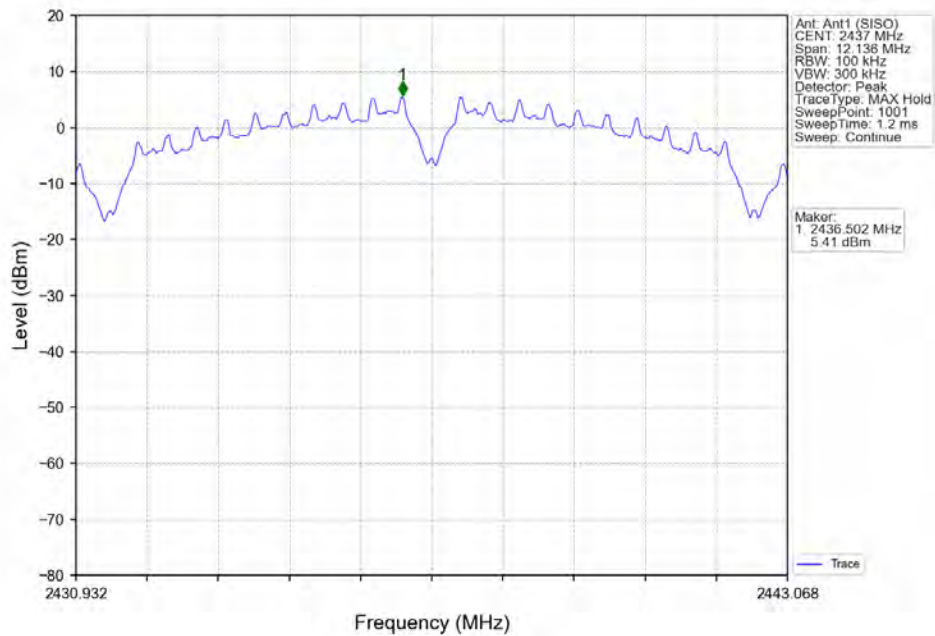
802.11b_LCH_2412MHz_Ant3 (SISO)_NTNV



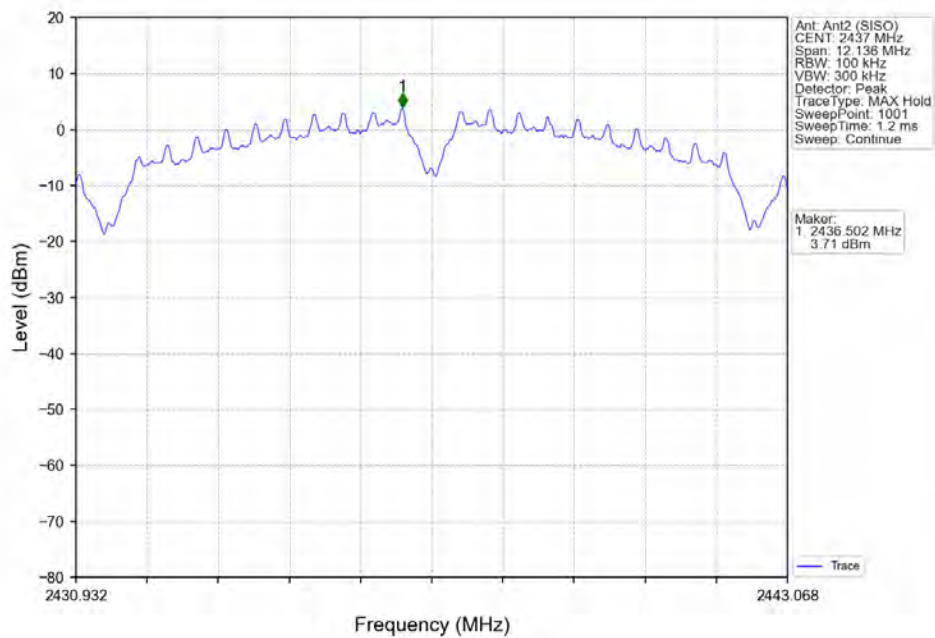
802.11b_LCH_2412MHz_Ant4 (SISO)_NTNV



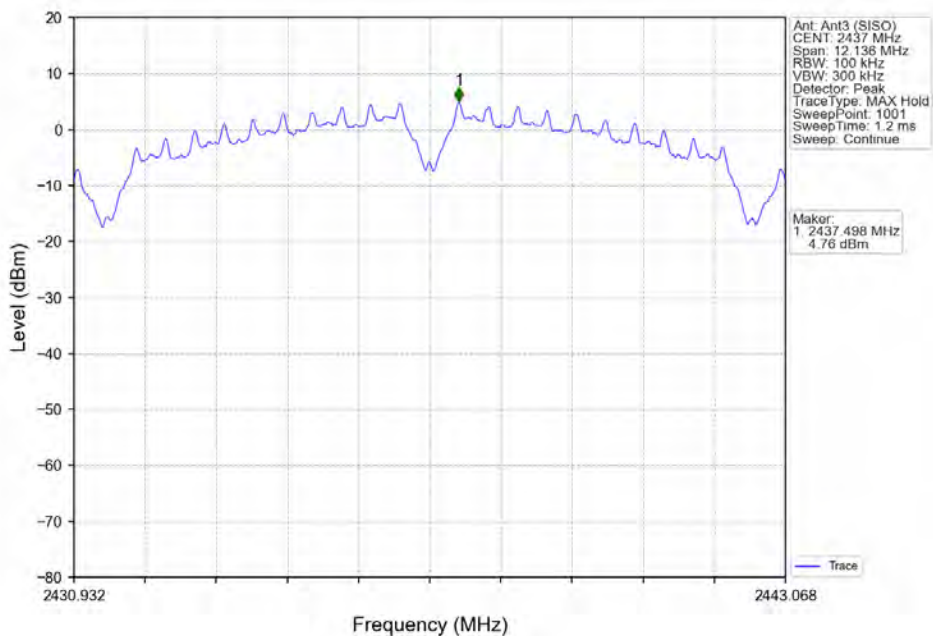
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



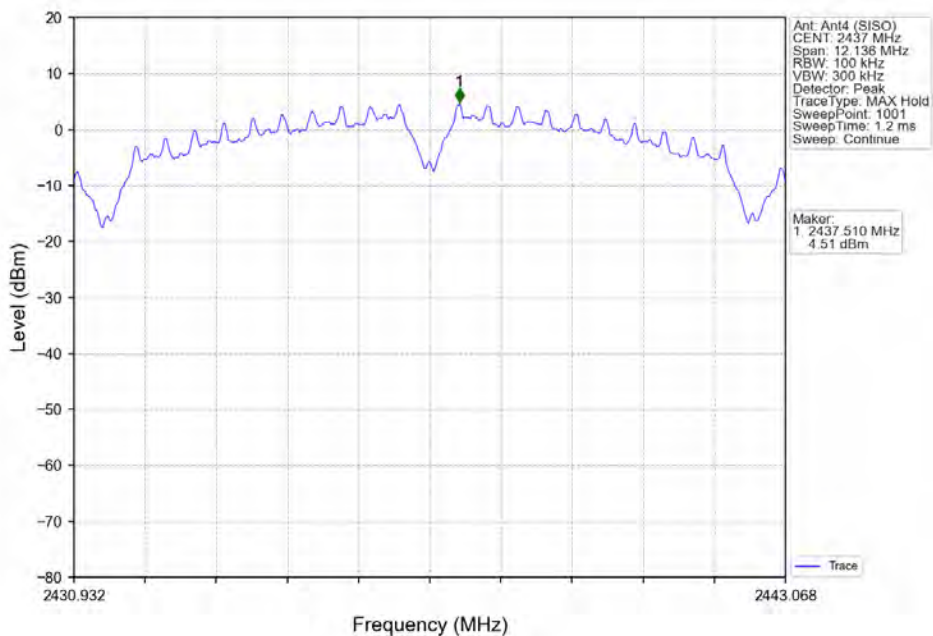
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



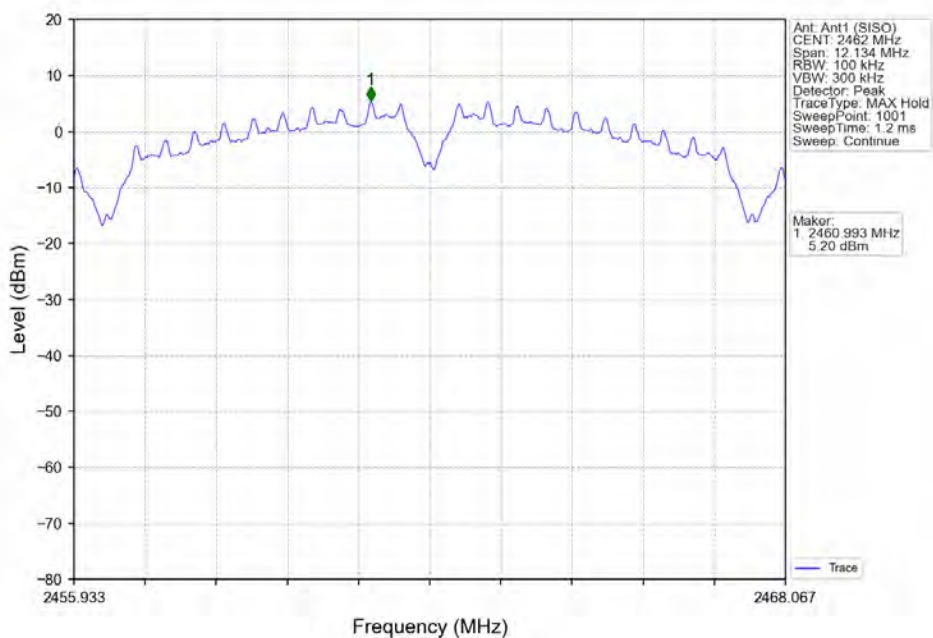
802.11b_MCH_2437MHz_Ant3 (SISO)_NTNV



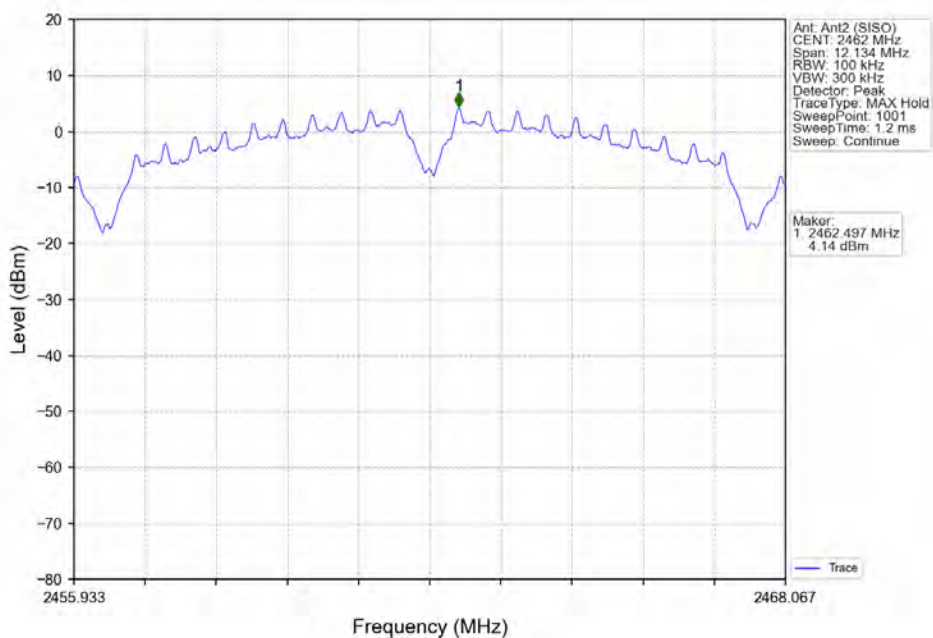
802.11b_MCH_2437MHz_Ant4 (SISO)_NTNV



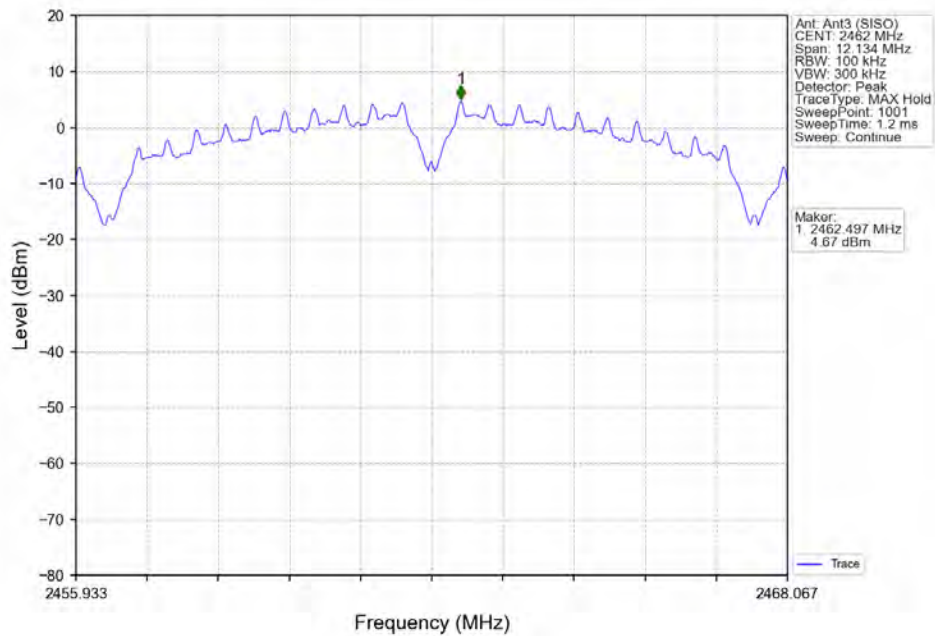
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



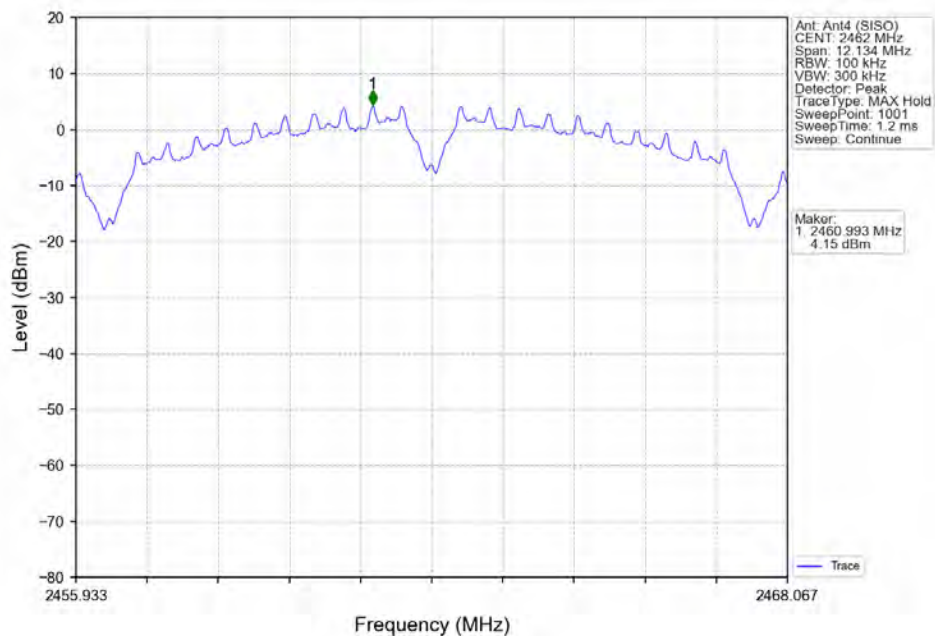
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



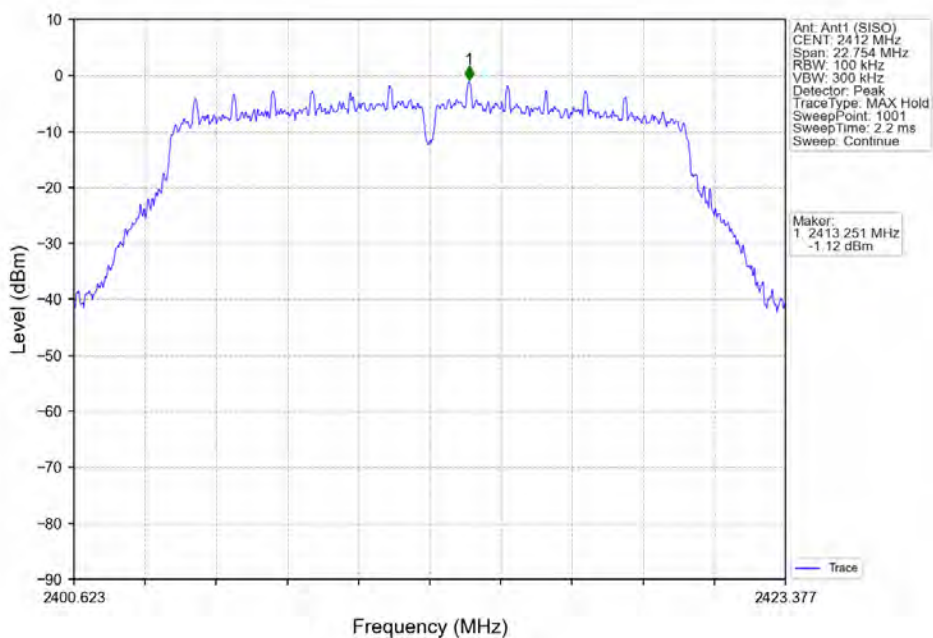
802.11b_HCH_2462MHz_Ant3 (SISO)_NTNV



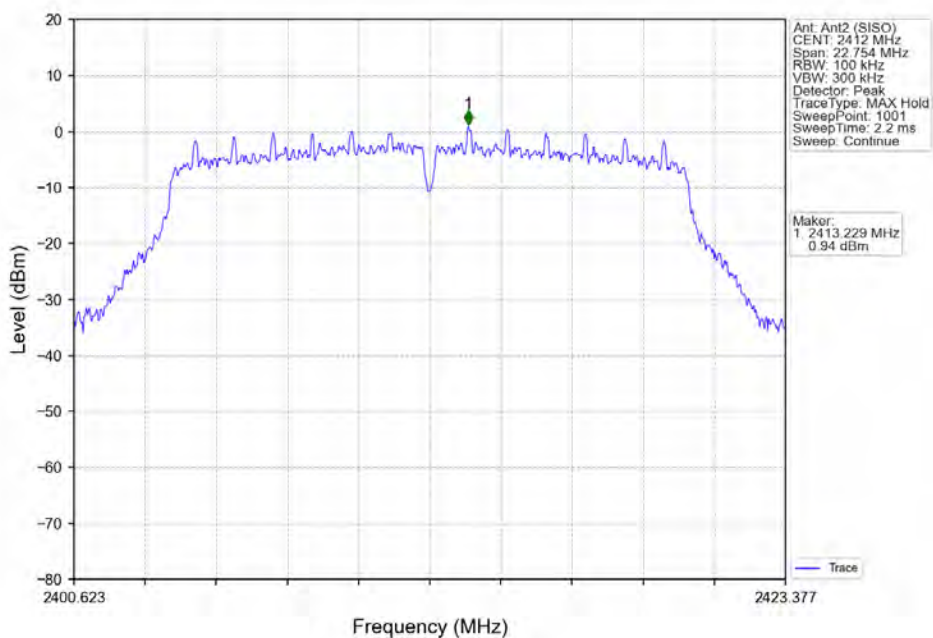
802.11b_HCH_2462MHz_Ant4 (SISO)_NTNV



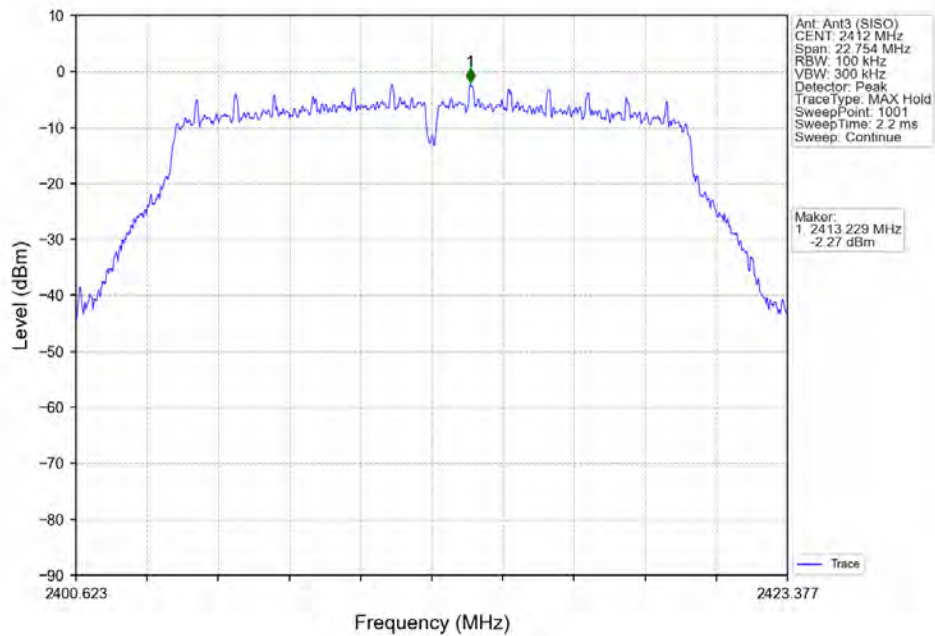
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



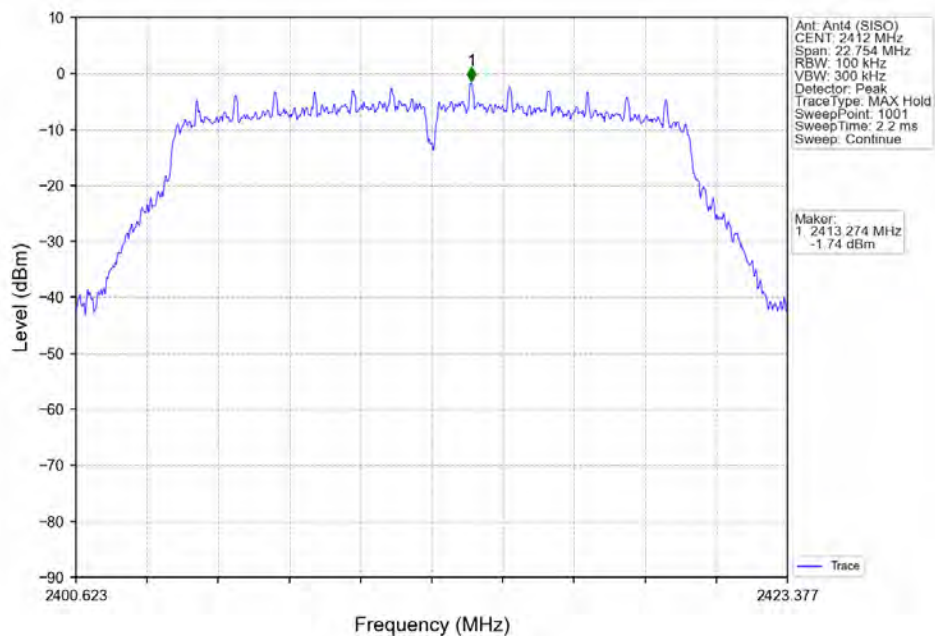
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



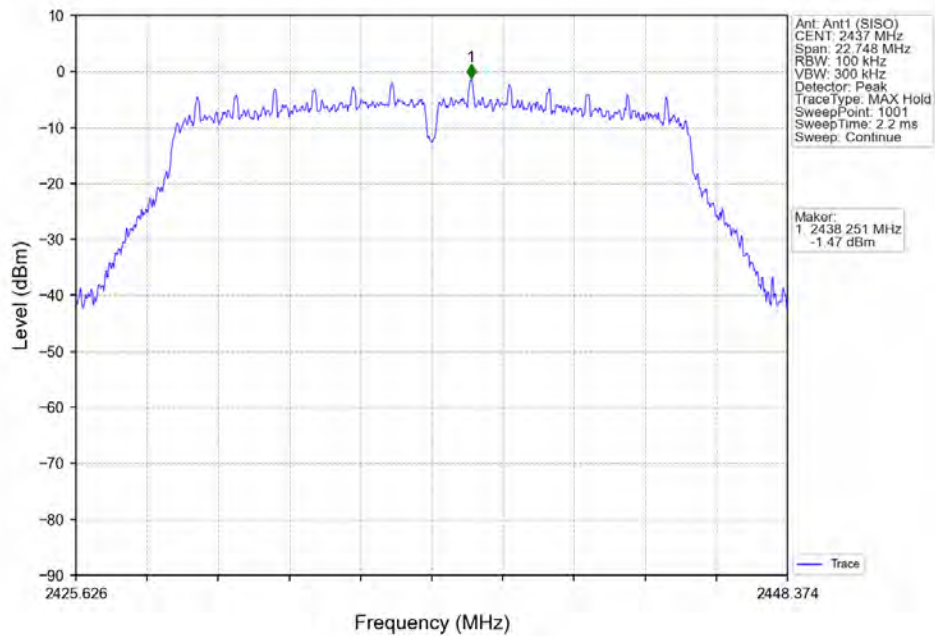
802.11g_LCH_2412MHz_Ant3 (SISO)_NTNV



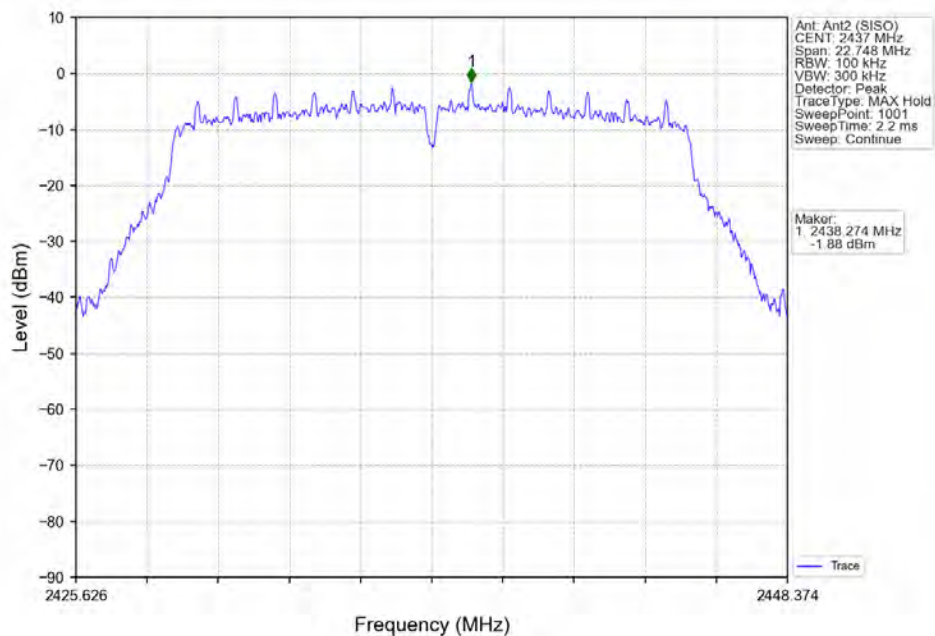
802.11g_LCH_2412MHz_Ant4 (SISO)_NTNV



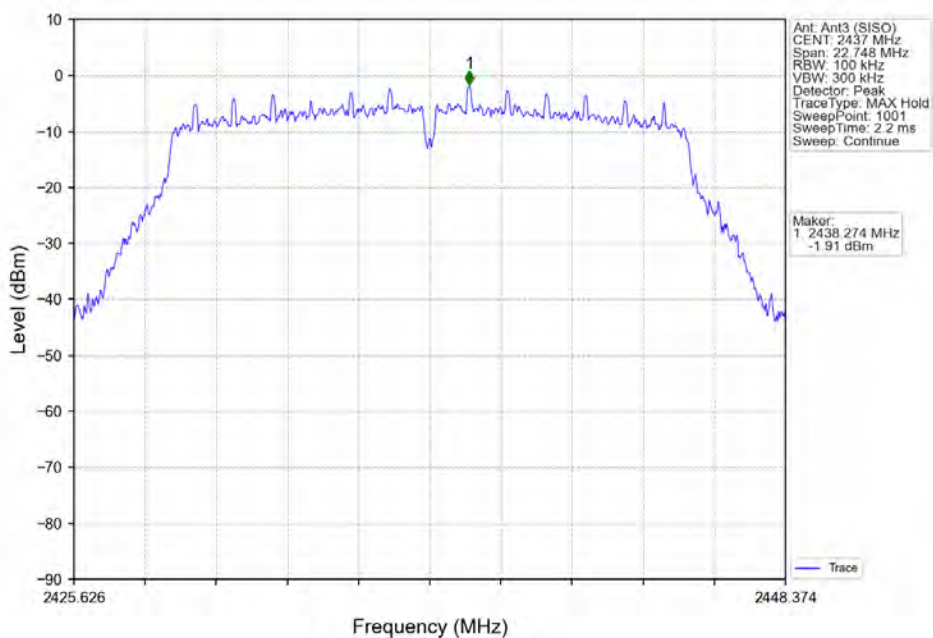
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



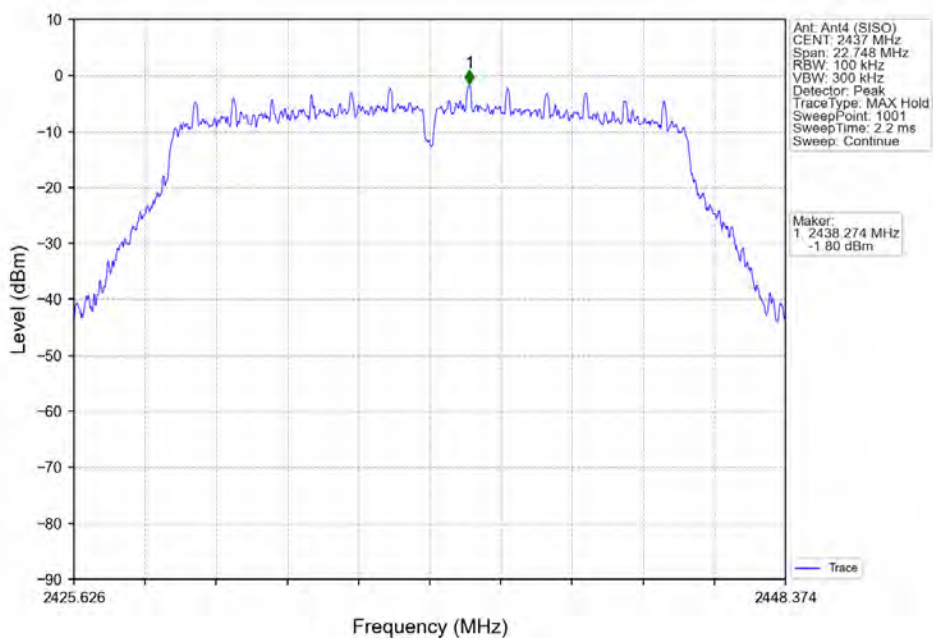
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



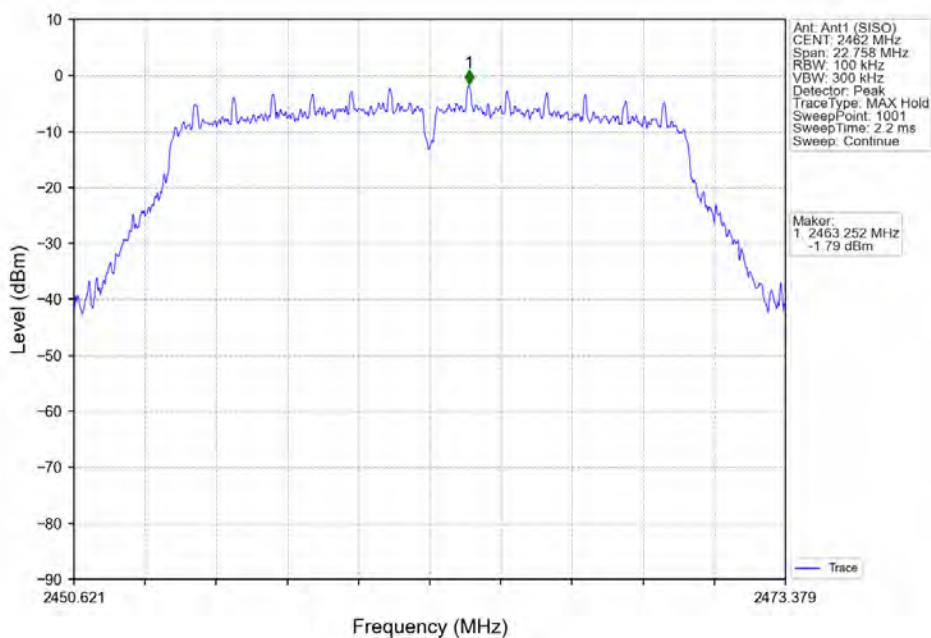
802.11g_MCH_2437MHz_Ant3 (SISO)_NTNV



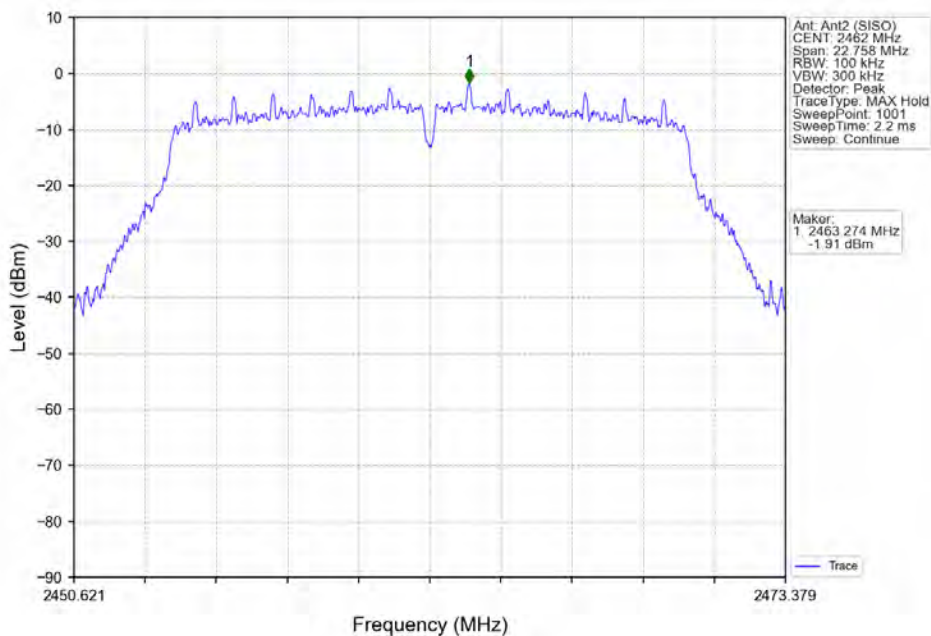
802.11g_MCH_2437MHz_Ant4 (SISO)_NTNV



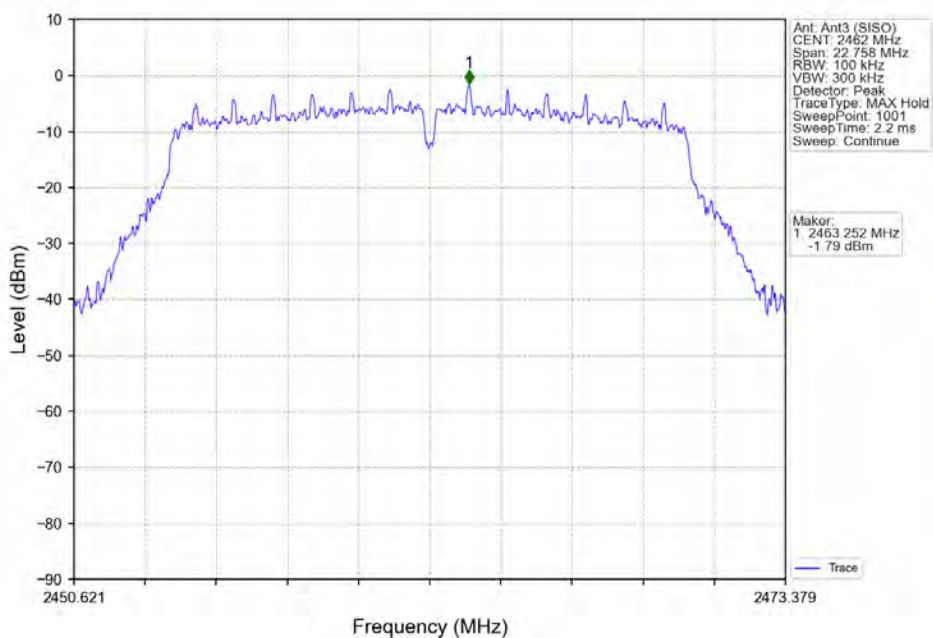
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



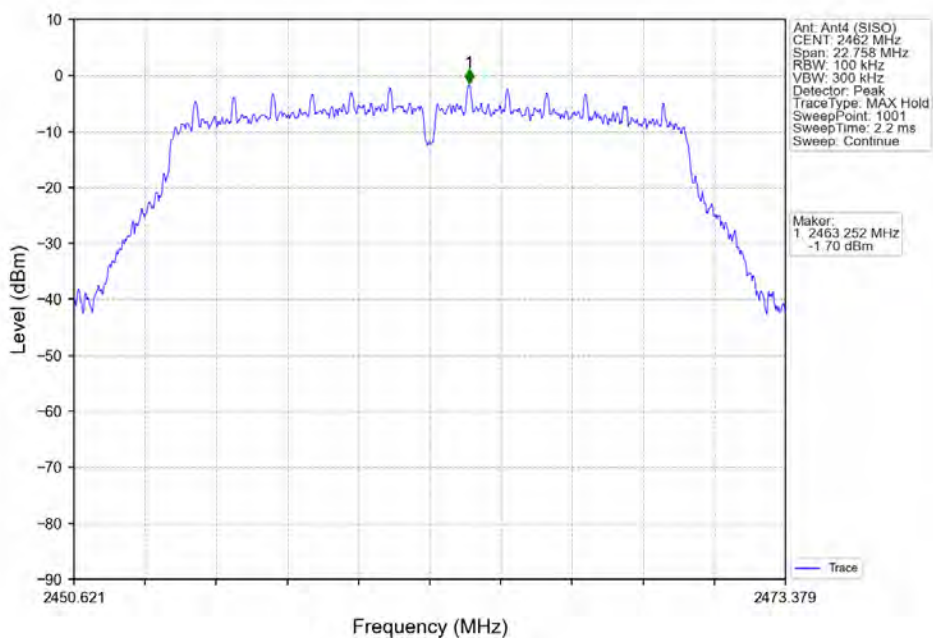
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



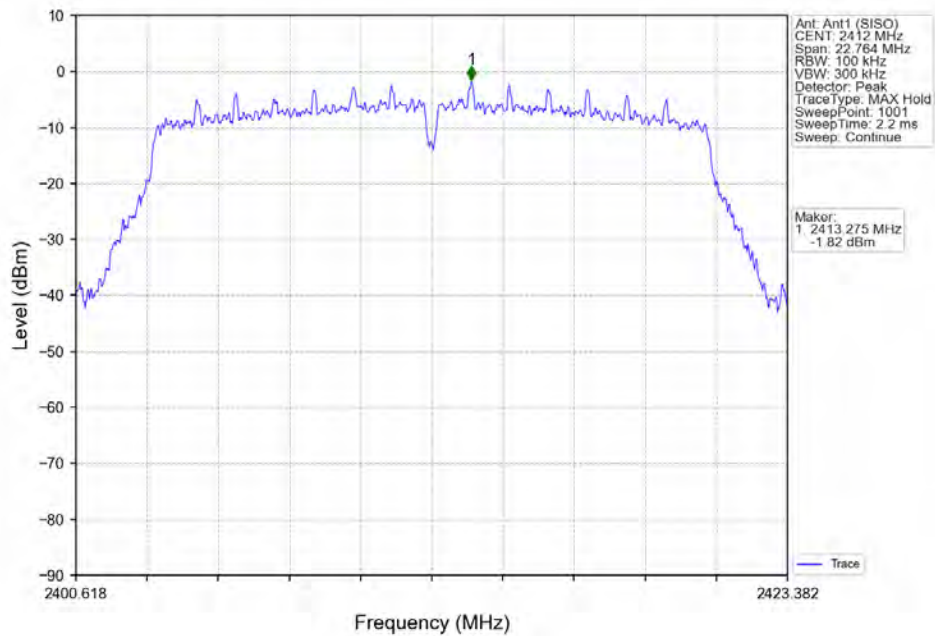
802.11g_HCH_2462MHz_Ant3 (SISO)_NTNV



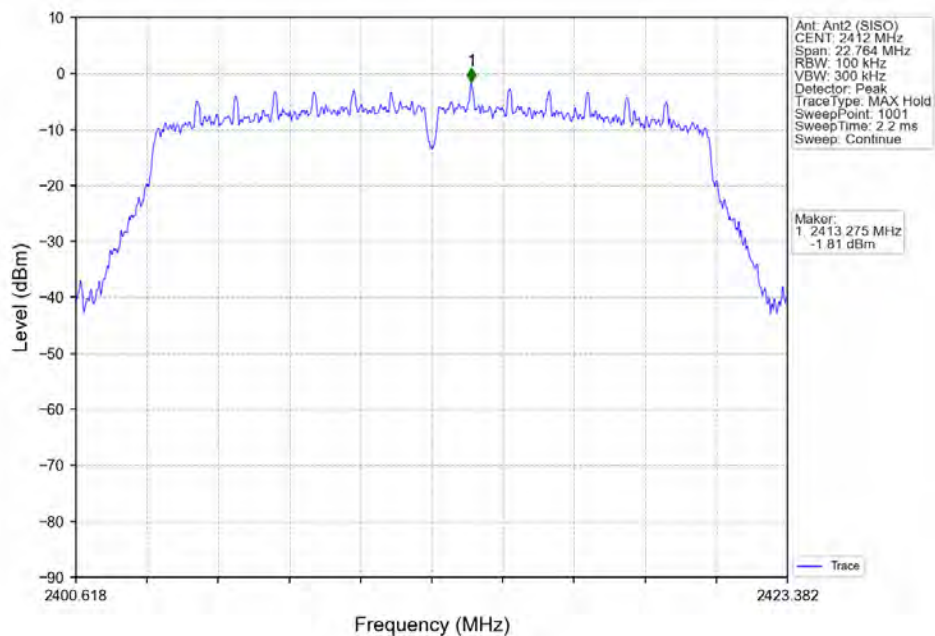
802.11g_HCH_2462MHz_Ant4 (SISO)_NTNV



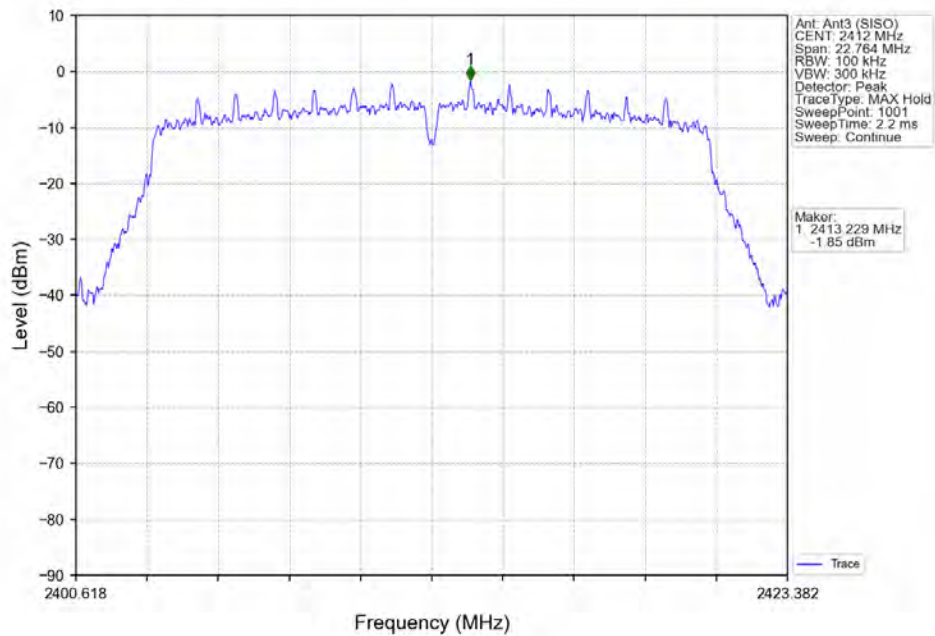
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



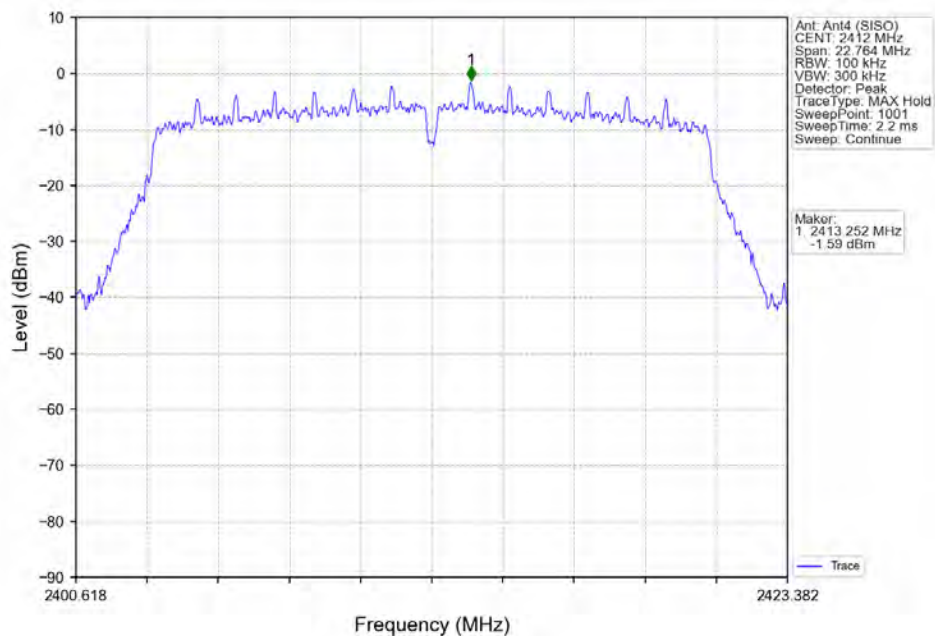
802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV



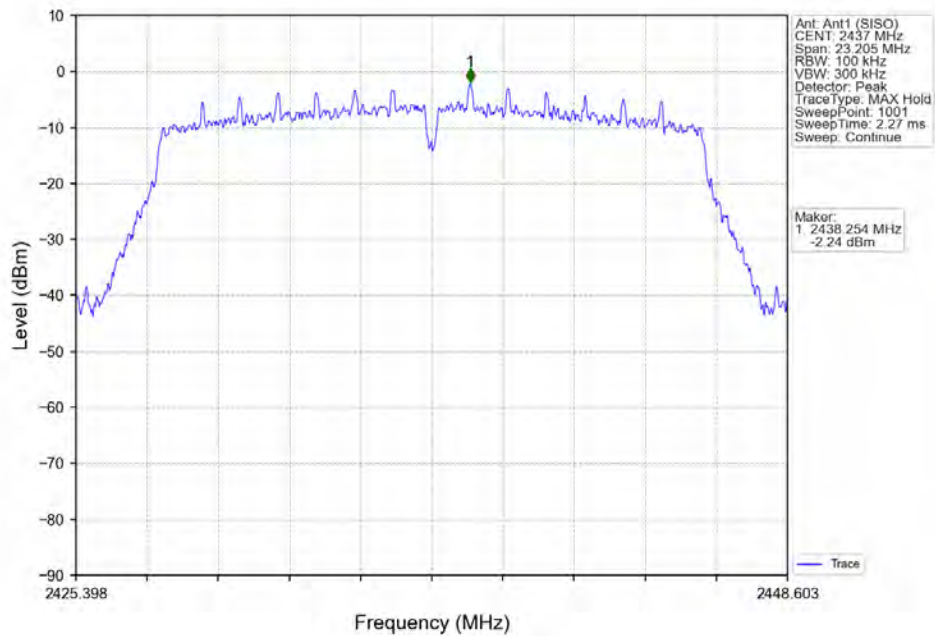
802.11n(HT20)_LCH_2412MHz_Ant3 (SISO)_NTNV



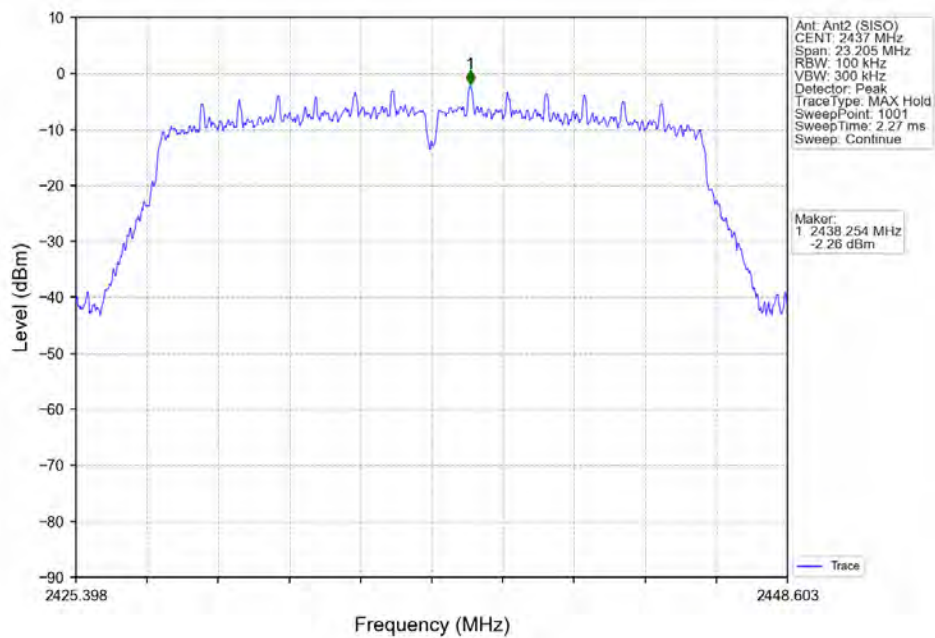
802.11n(HT20)_LCH_2412MHz_Ant4 (SISO)_NTNV



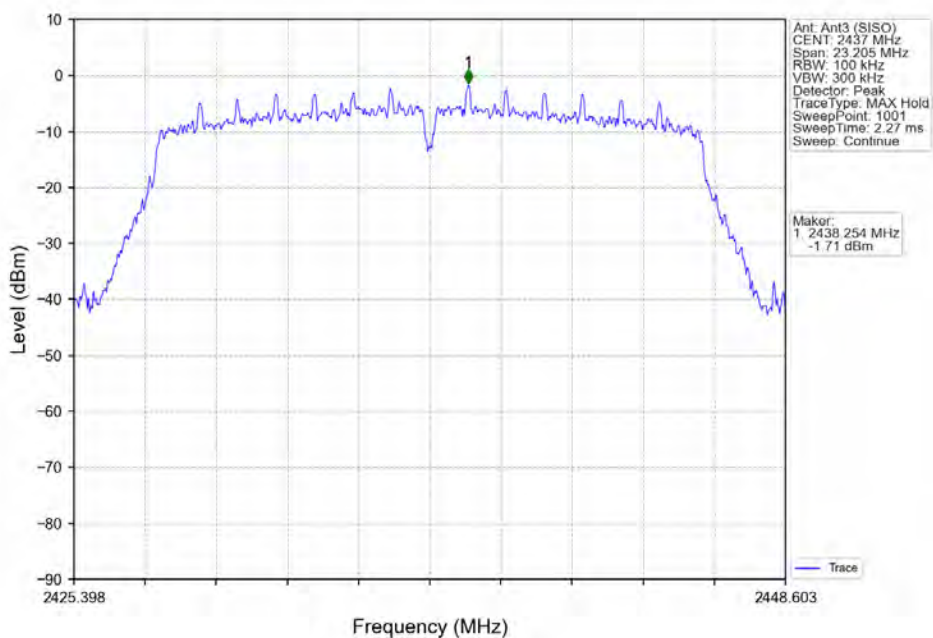
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



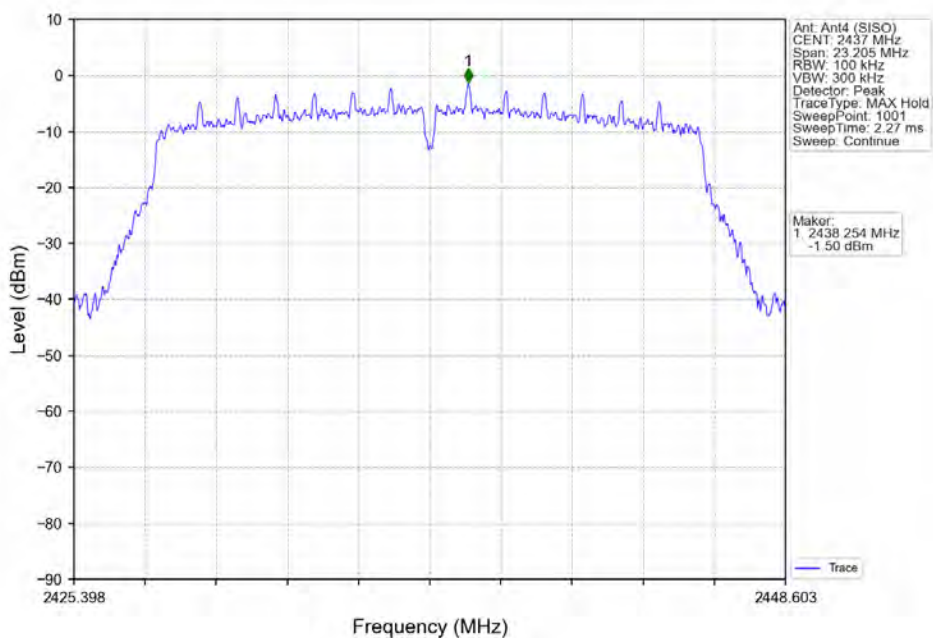
802.11n(HT20)_MCH_2437MHz_Ant2 (SISO)_NTNV



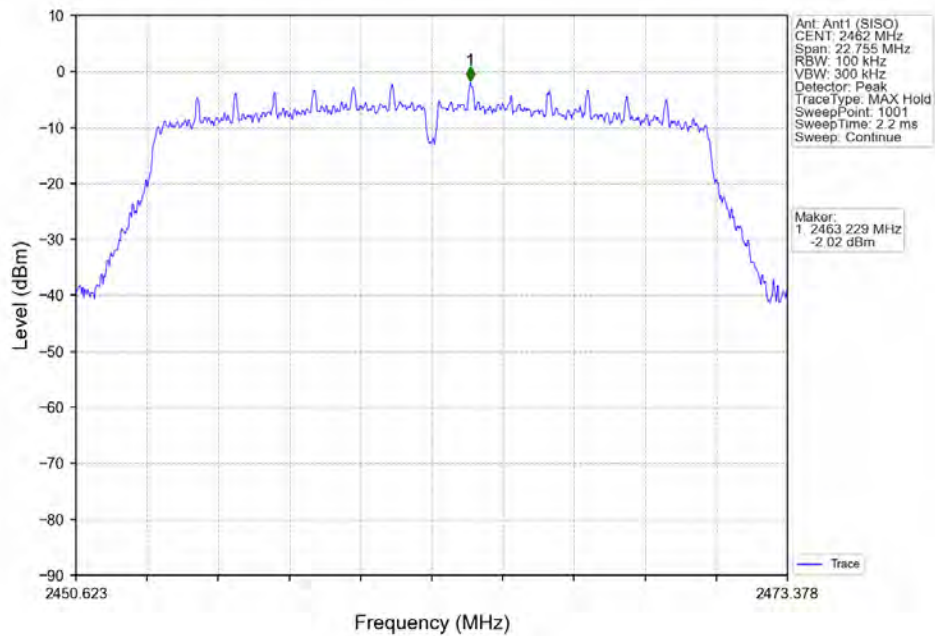
802.11n(HT20)_MCH_2437MHz_Ant3 (SISO)_NTNV



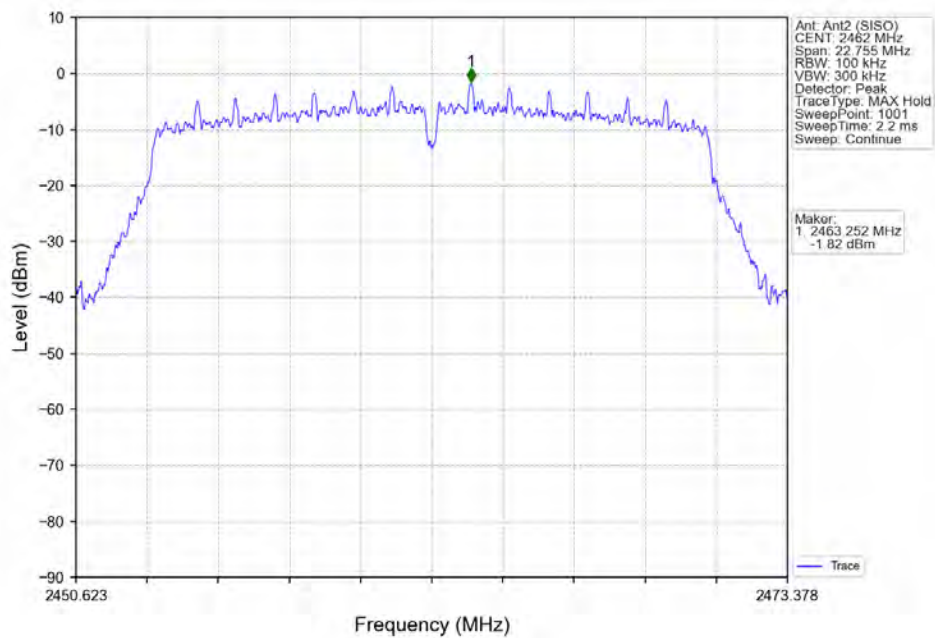
802.11n(HT20)_MCH_2437MHz_Ant4 (SISO)_NTNV



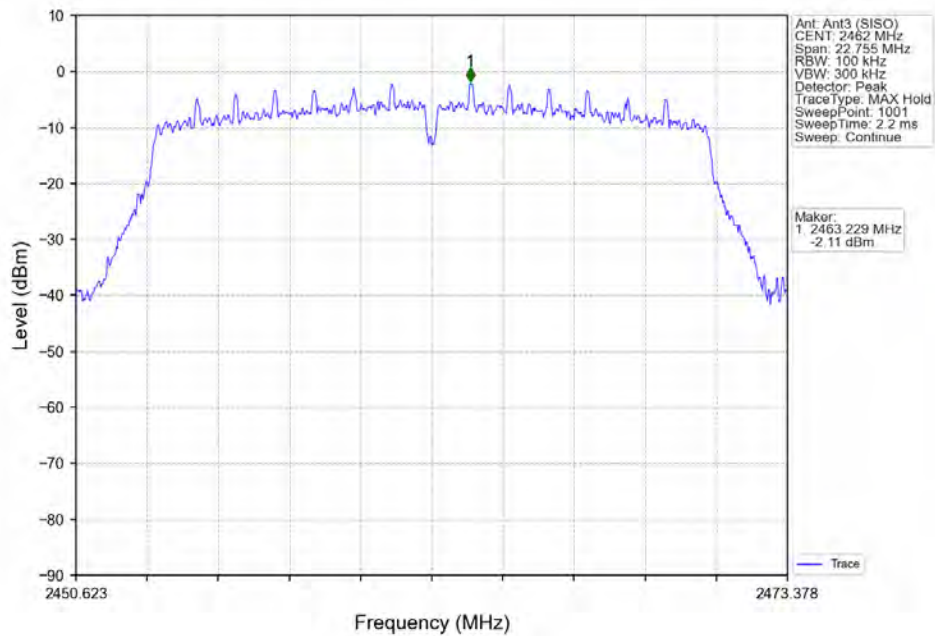
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



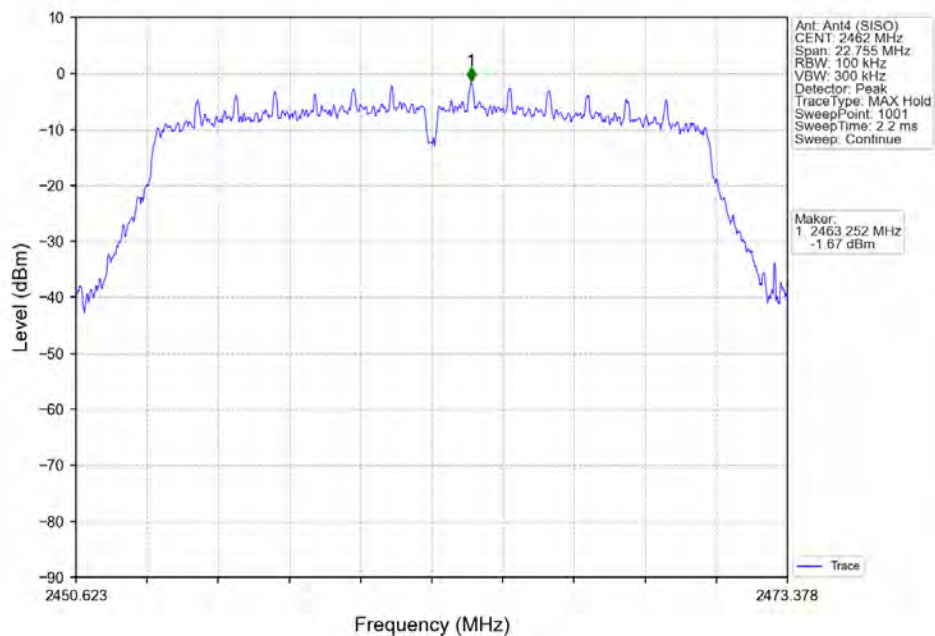
802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV



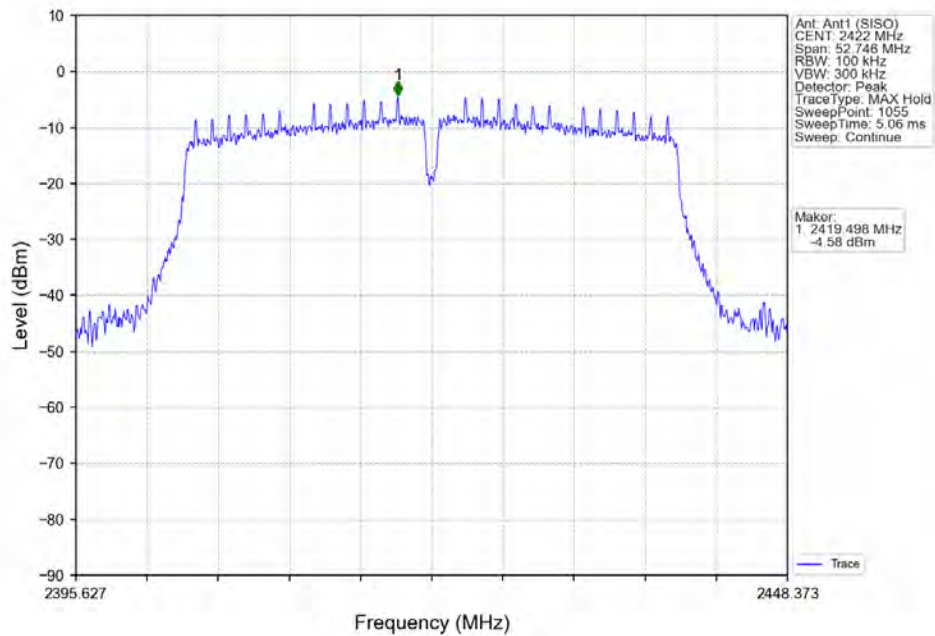
802.11n(HT20)_HCH_2462MHz_Ant3 (SISO)_NTNV



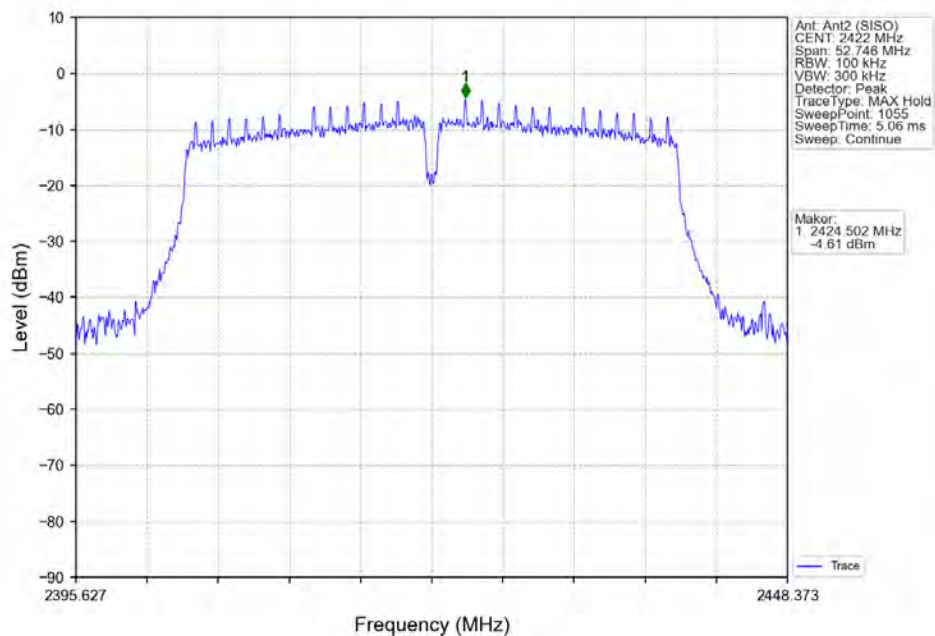
802.11n(HT20)_HCH_2462MHz_Ant4 (SISO)_NTNV



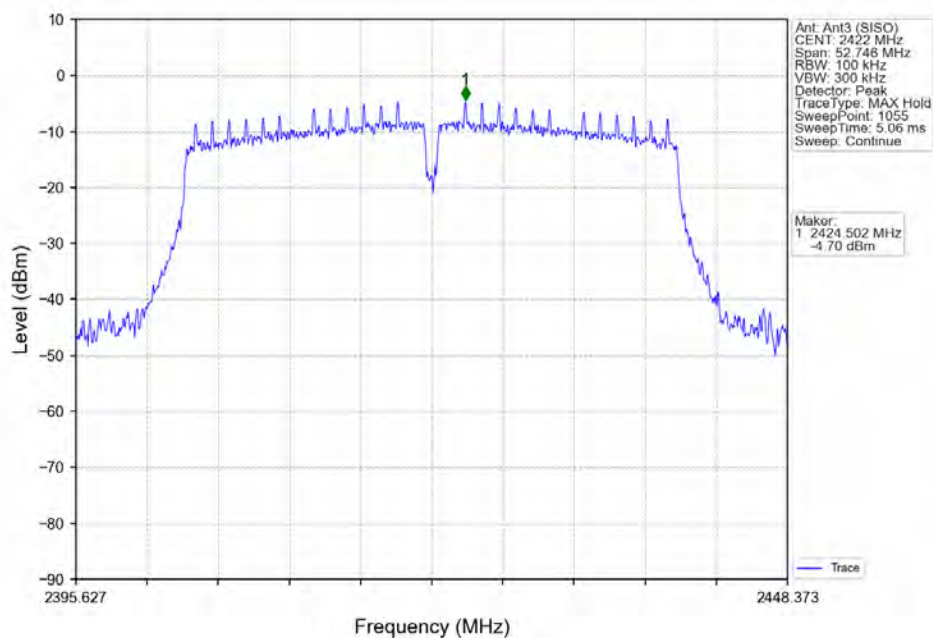
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



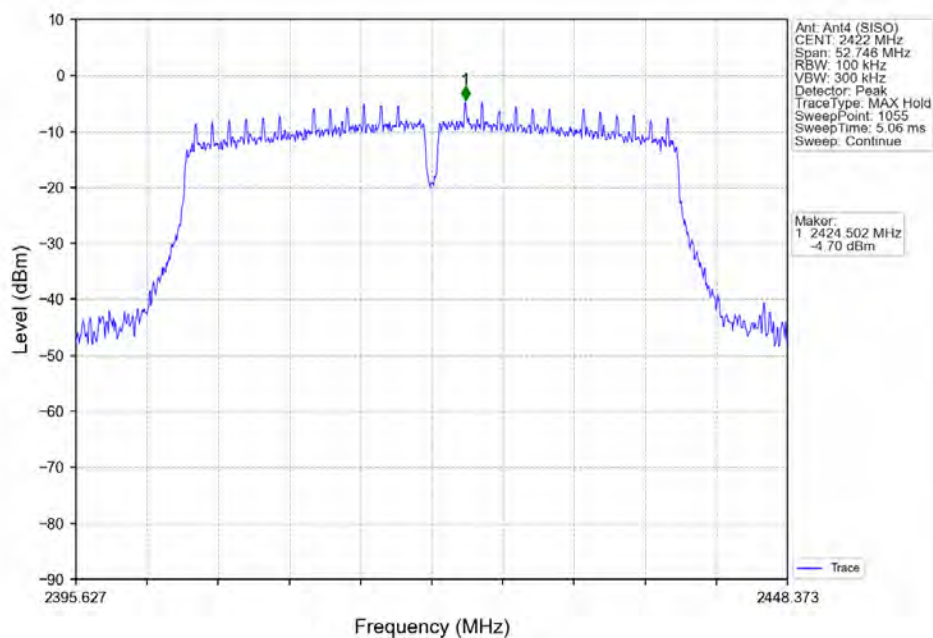
802.11n(HT40)_LCH_2422MHz_Ant2 (SISO)_NTNV



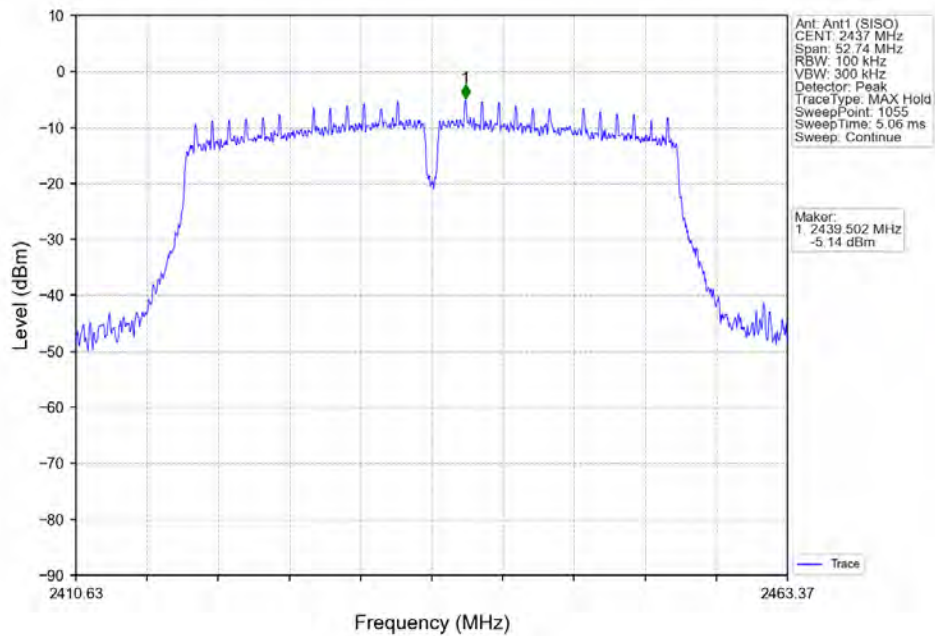
802.11n(HT40)_LCH_2422MHz_Ant3 (SISO)_NTNV



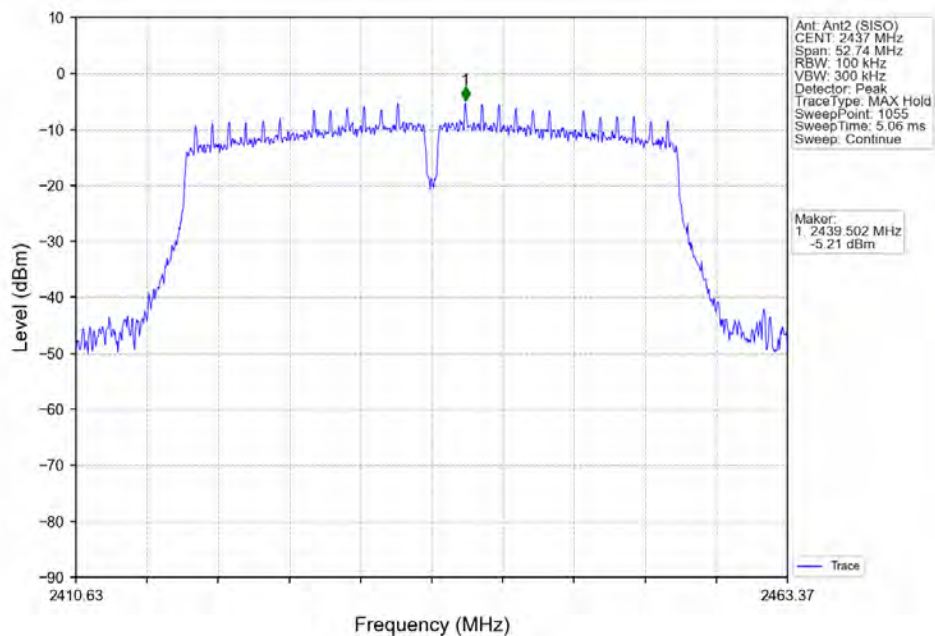
802.11n(HT40)_LCH_2422MHz_Ant4 (SISO)_NTNV



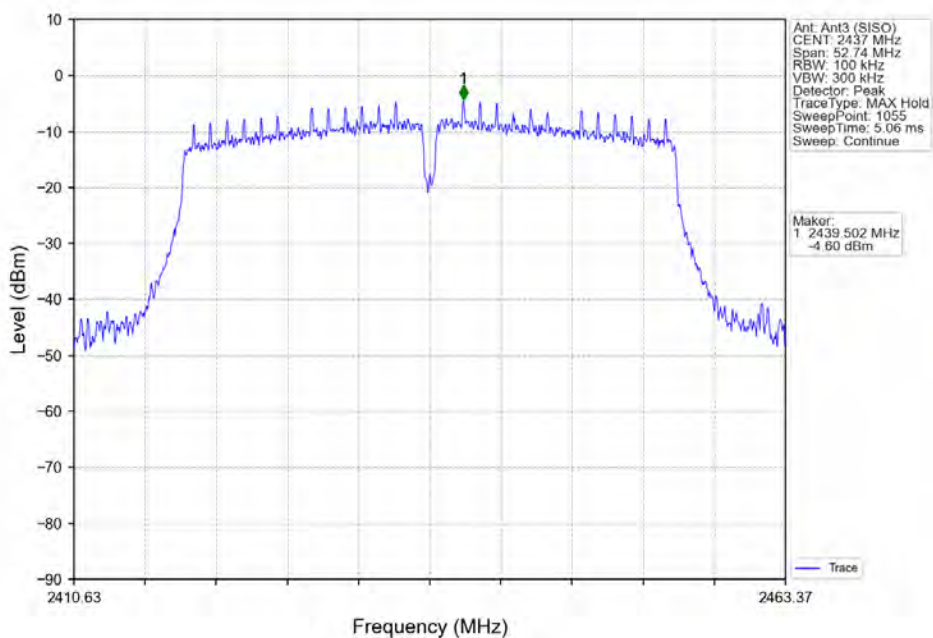
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



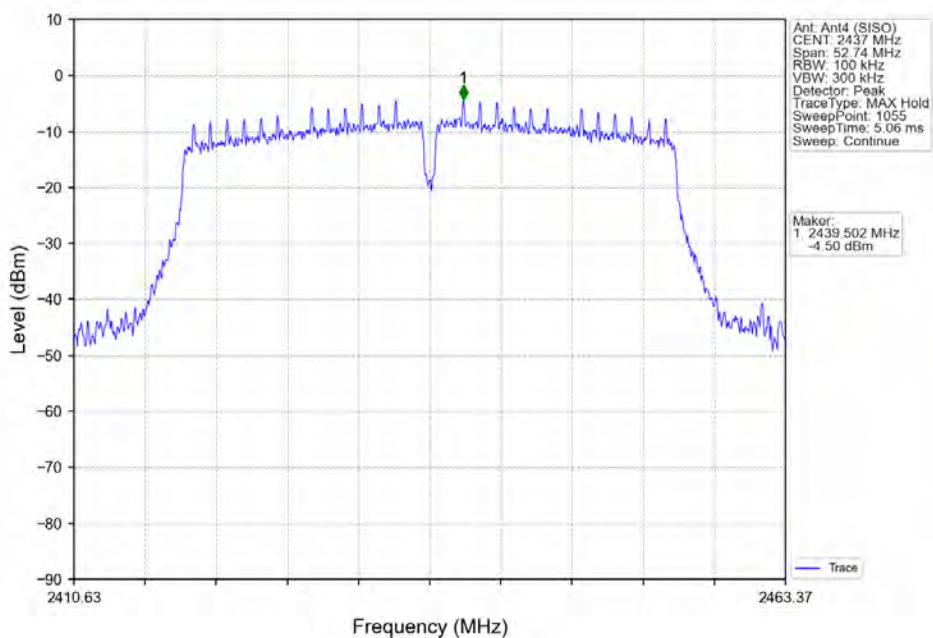
802.11n(HT40)_MCH_2437MHz_Ant2 (SISO)_NTNV



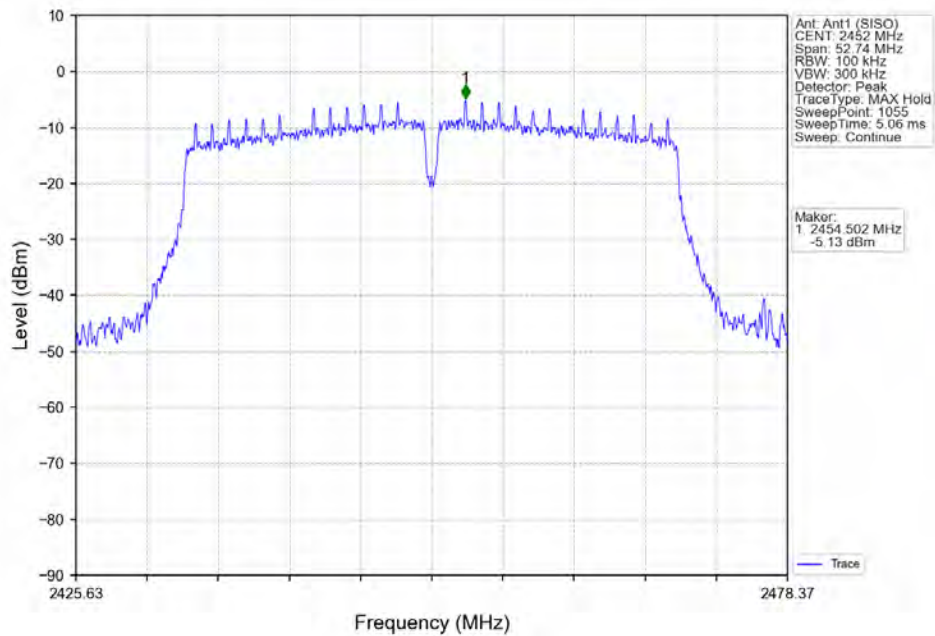
802.11n(HT40)_MCH_2437MHz_Ant3 (SISO)_NTNV



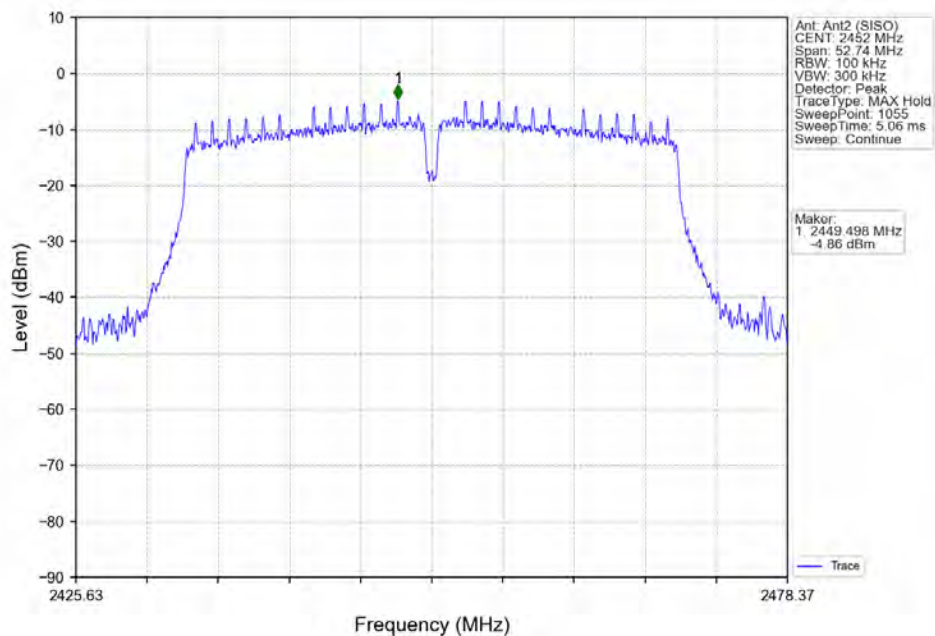
802.11n(HT40)_MCH_2437MHz_Ant4 (SISO)_NTNV



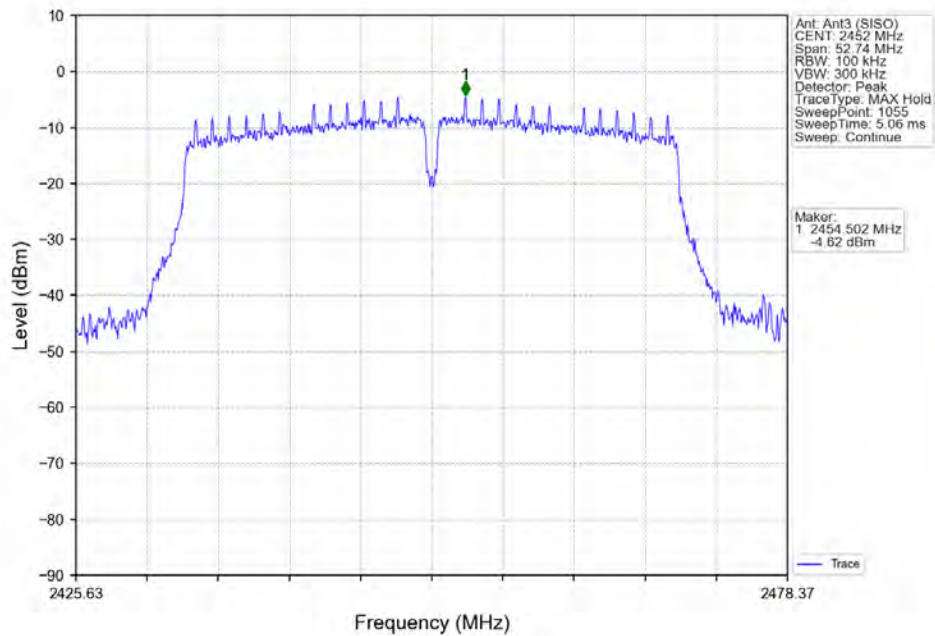
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



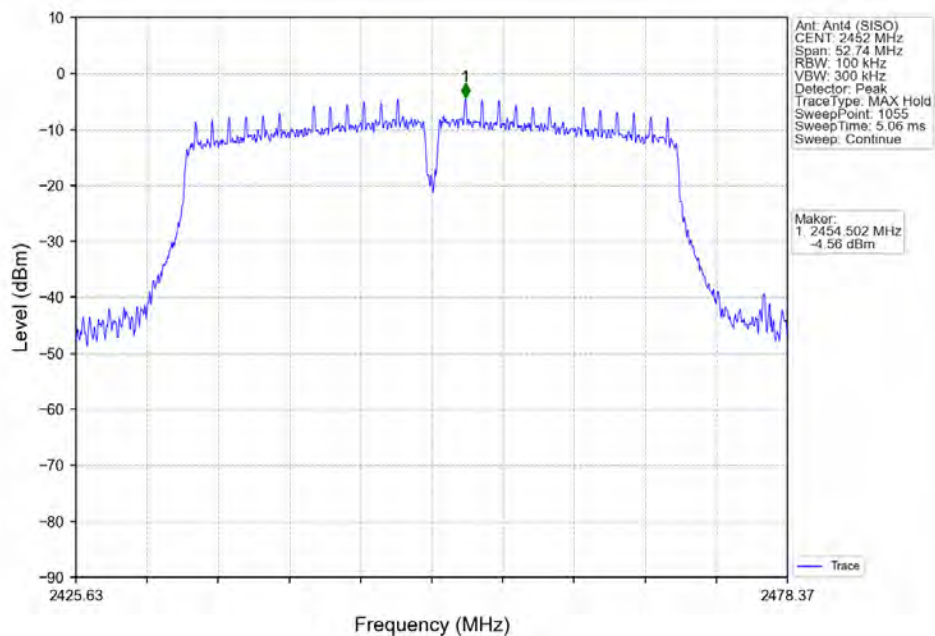
802.11n(HT40)_HCH_2452MHz_Ant2 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant3 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant4 (SISO)_NTNV



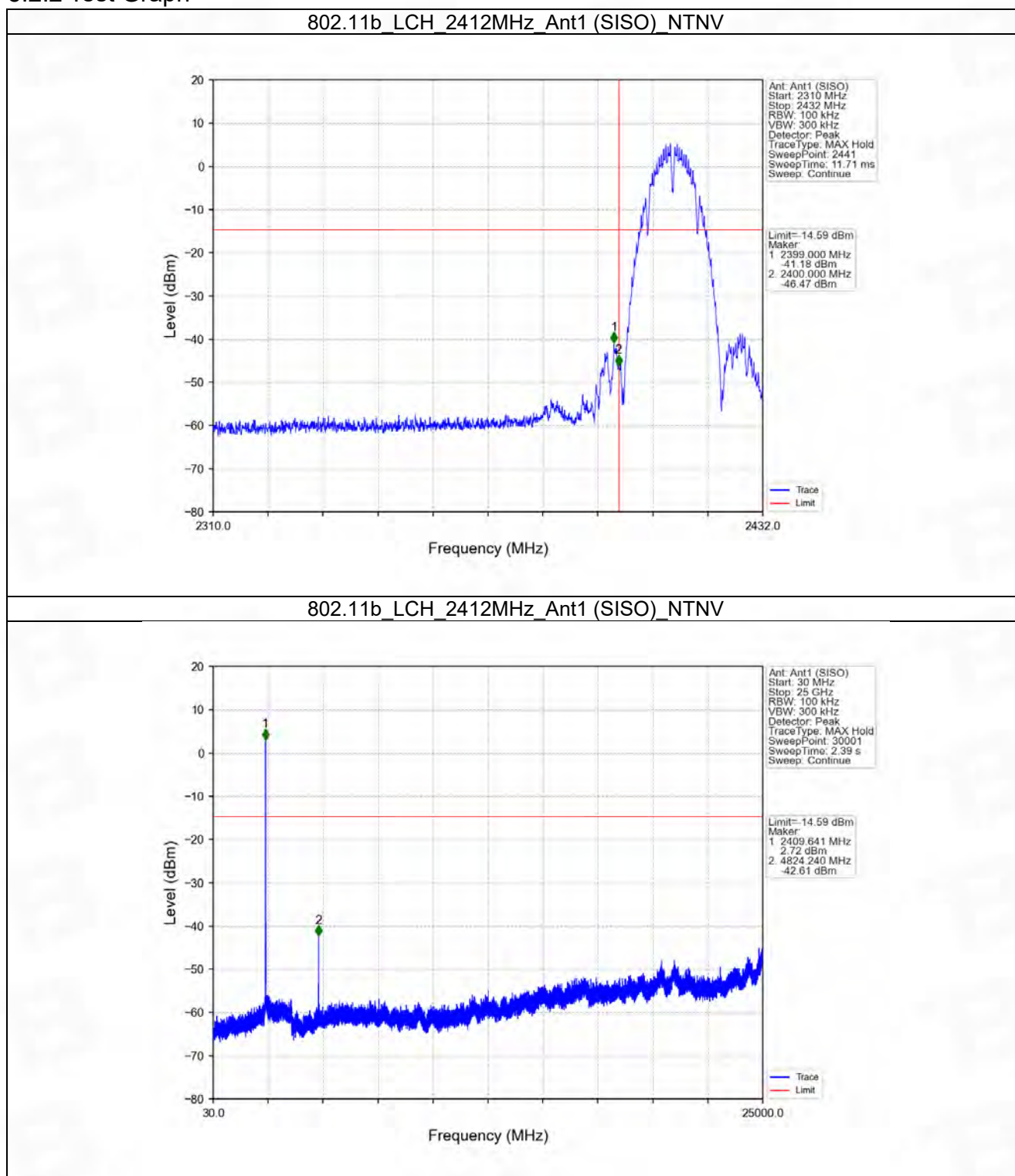
5.2 CSE

5.2.1 Test Result

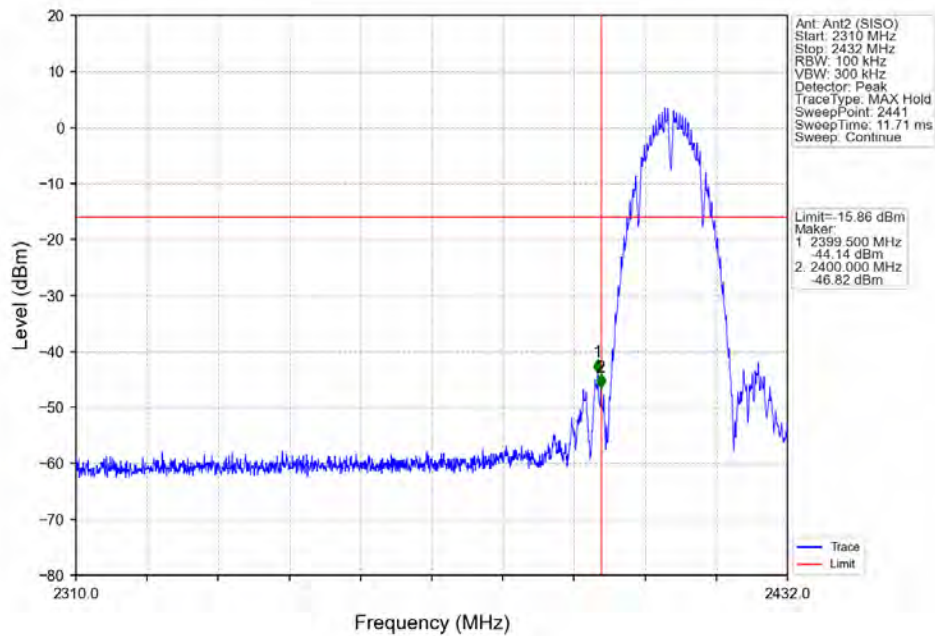
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	5.41	-14.59	Pass
			2	4.14	-15.86	Pass
			3	4.76	-15.24	Pass
			4	4.76	-15.24	Pass
		2437	1	5.41	-14.59	Pass
			2	4.14	-15.86	Pass
			3	4.76	-15.24	Pass
			4	4.76	-15.24	Pass
		2462	1	5.41	-14.59	Pass
			2	4.14	-15.86	Pass
			3	4.76	-15.24	Pass
			4	4.76	-15.24	Pass
802.11g	SISO	2412	1	-1.12	-21.12	Pass
			2	0.94	-19.06	Pass
			3	-1.79	-21.79	Pass
			4	-1.70	-21.70	Pass
		2437	1	-1.12	-21.12	Pass
			2	0.94	-19.06	Pass
			3	-1.79	-21.79	Pass
			4	-1.70	-21.70	Pass
		2462	1	-1.12	-21.12	Pass
			2	0.94	-19.06	Pass
			3	-1.79	-21.79	Pass
			4	-1.70	-21.70	Pass
802.11n (HT20)	SISO	2412	1	-1.82	-21.82	Pass
			2	-1.81	-21.81	Pass
			3	-1.71	-21.71	Pass
			4	-1.50	-21.50	Pass
		2437	1	-1.82	-21.82	Pass
			2	-1.81	-21.81	Pass
			3	-1.71	-21.71	Pass
			4	-1.50	-21.50	Pass
		2462	1	-1.82	-21.82	Pass
			2	-1.81	-21.81	Pass
			3	-1.71	-21.71	Pass
			4	-1.50	-21.50	Pass
802.11n (HT40)	SISO	2422	1	-4.58	-24.58	Pass
			2	-4.61	-24.61	Pass
			3	-4.60	-24.60	Pass
			4	-4.50	-24.50	Pass
		2437	1	-4.58	-24.58	Pass
			2	-4.61	-24.61	Pass
			3	-4.60	-24.60	Pass
			4	-4.50	-24.50	Pass
		2452	1	-4.58	-24.58	Pass
			2	-4.61	-24.61	Pass
			3	-4.60	-24.60	Pass
			4	-4.50	-24.50	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

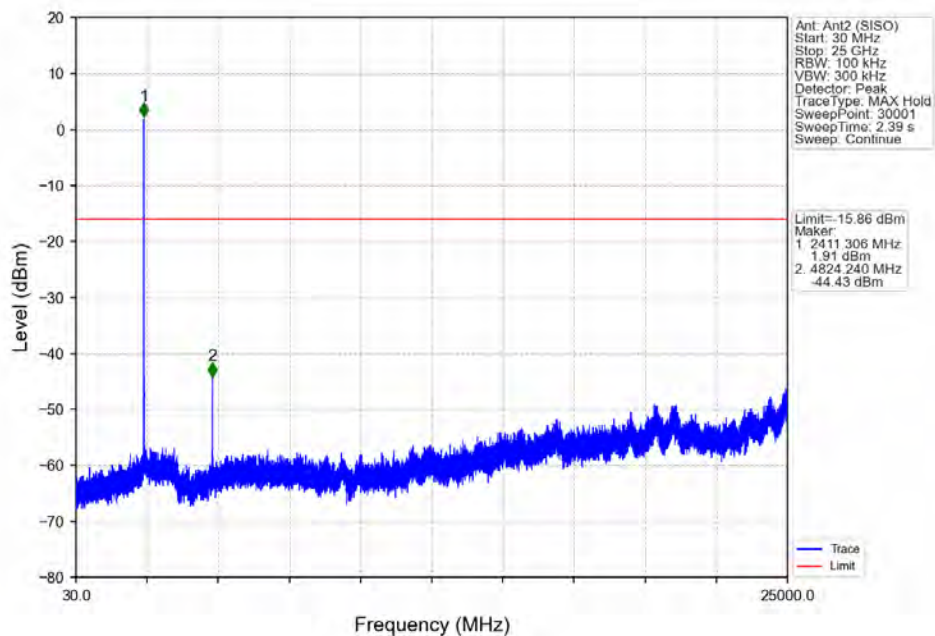
5.2.2 Test Graph



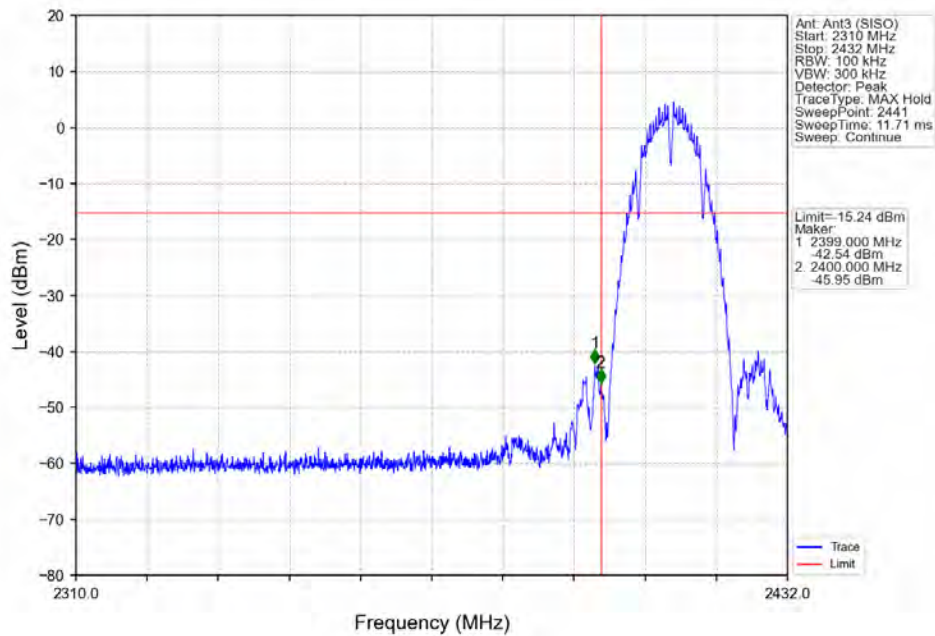
802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



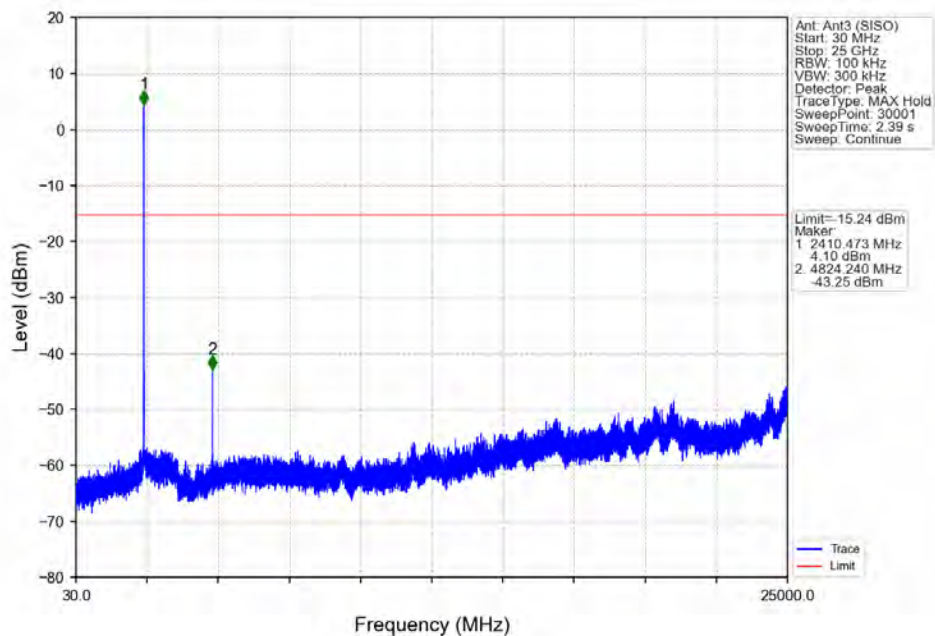
802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



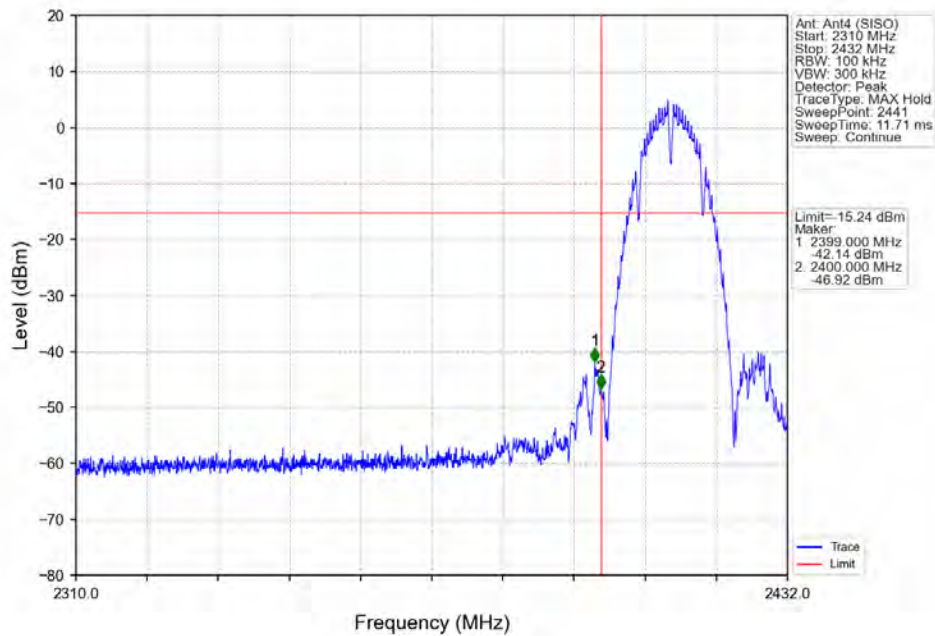
802.11b_LCH_2412MHz_Ant3 (SISO)_NTNV



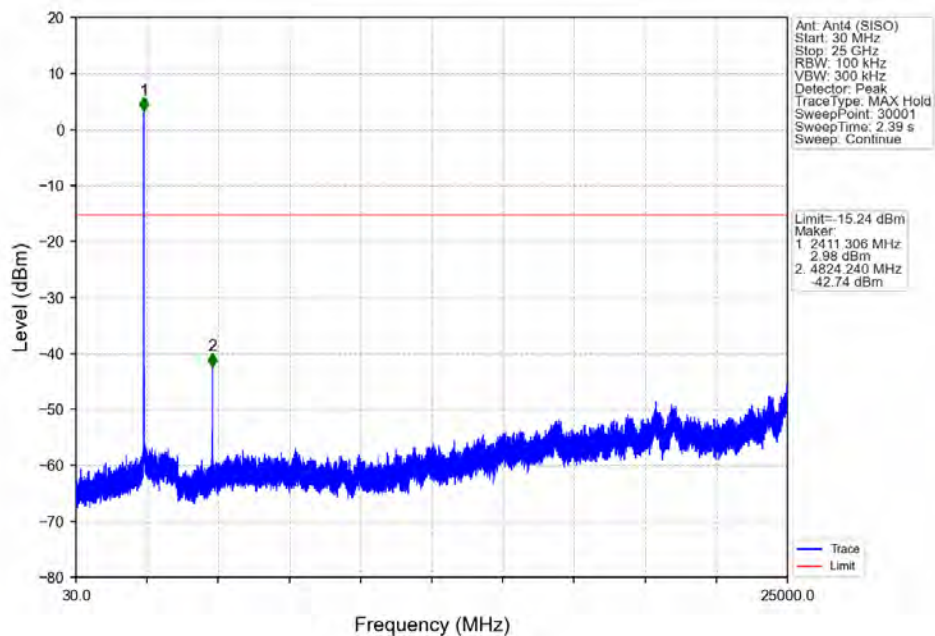
802.11b_LCH_2412MHz_Ant3 (SISO)_NTNV



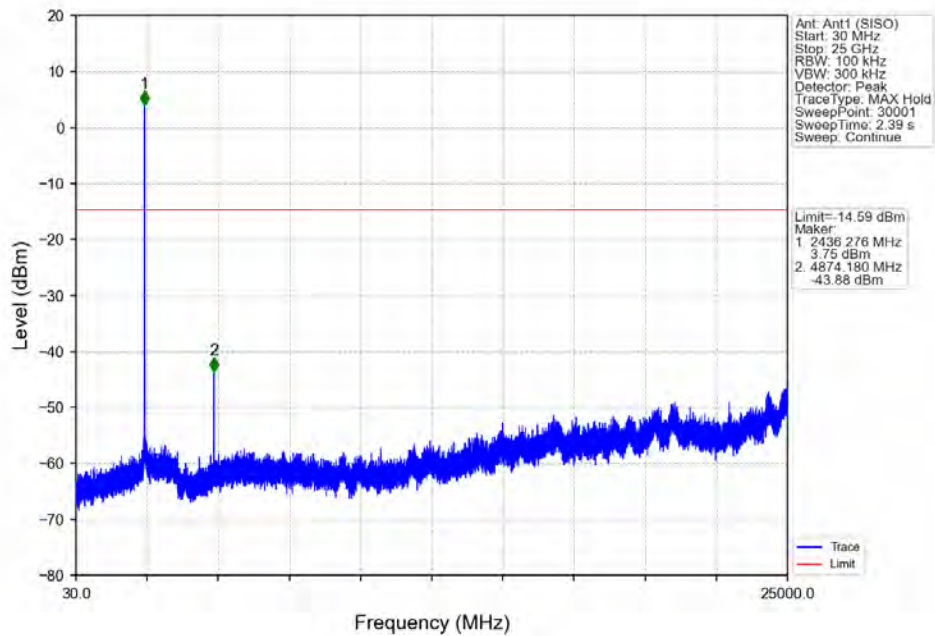
802.11b_LCH_2412MHz_Ant4 (SISO)_NTNV



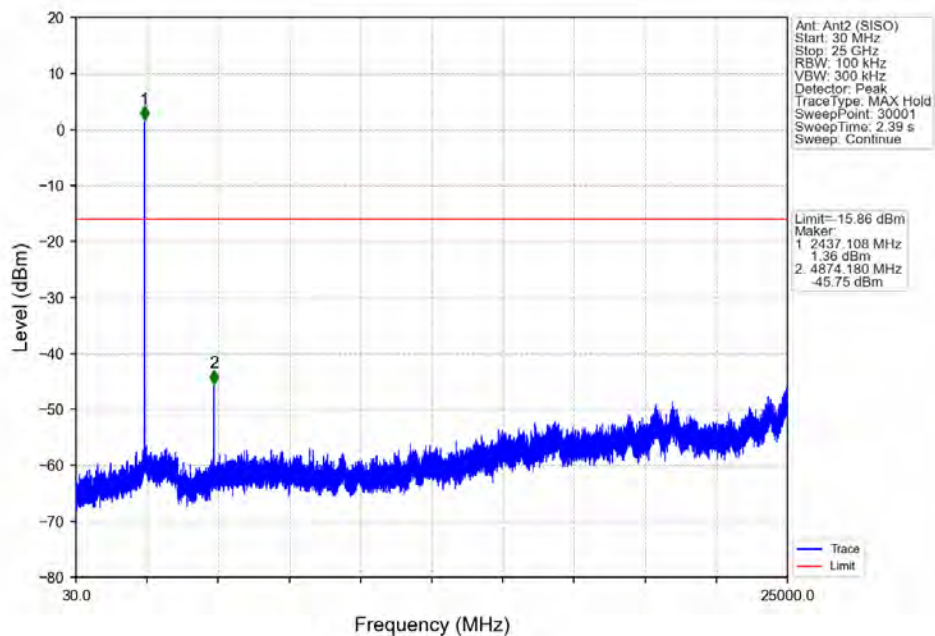
802.11b_LCH_2412MHz_Ant4 (SISO)_NTNV



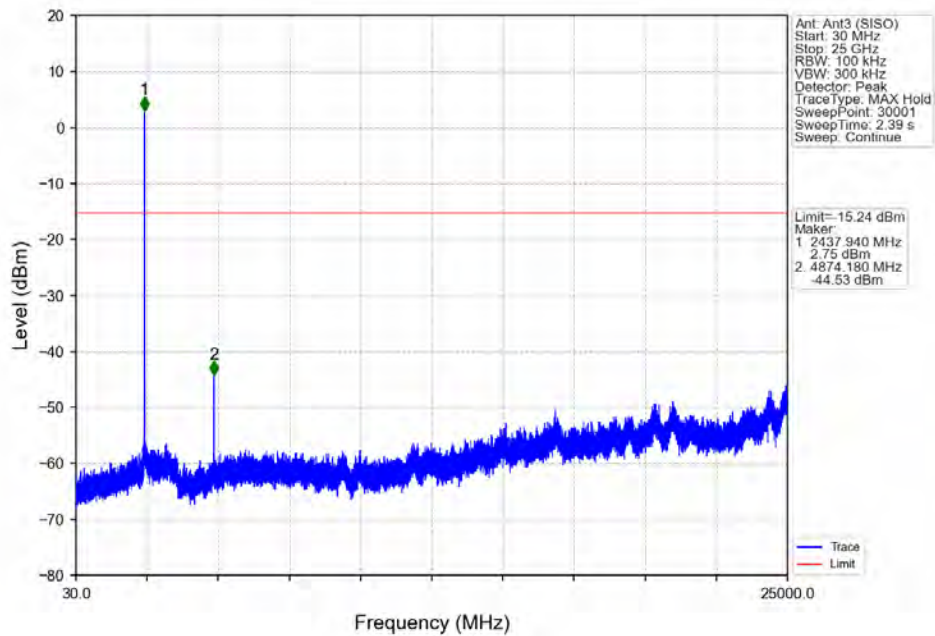
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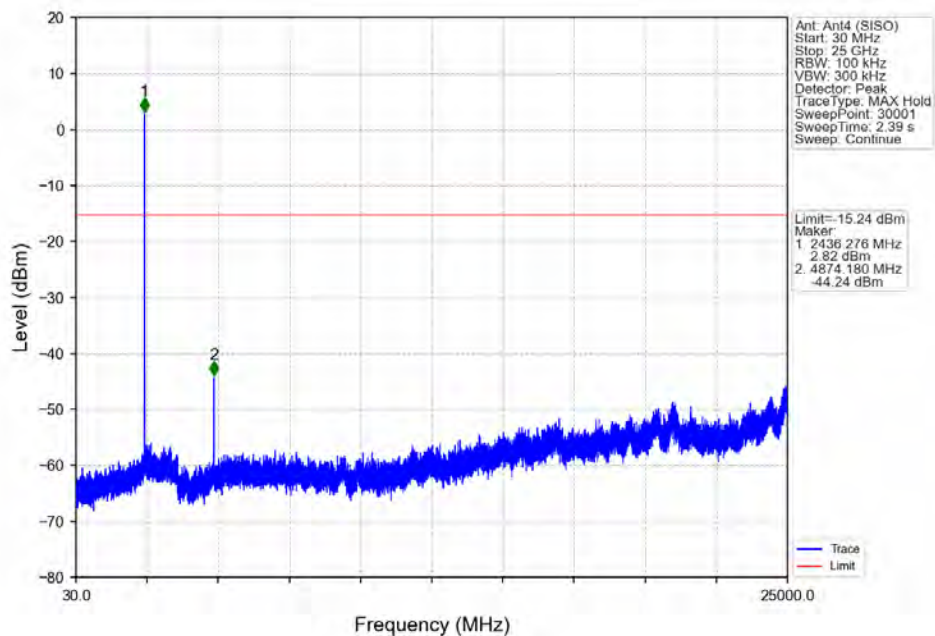
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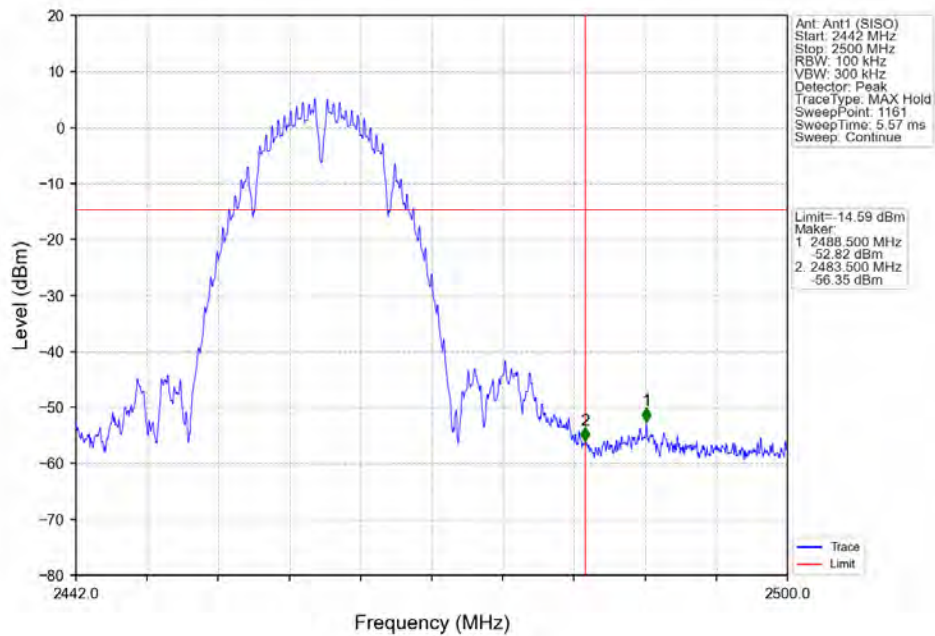
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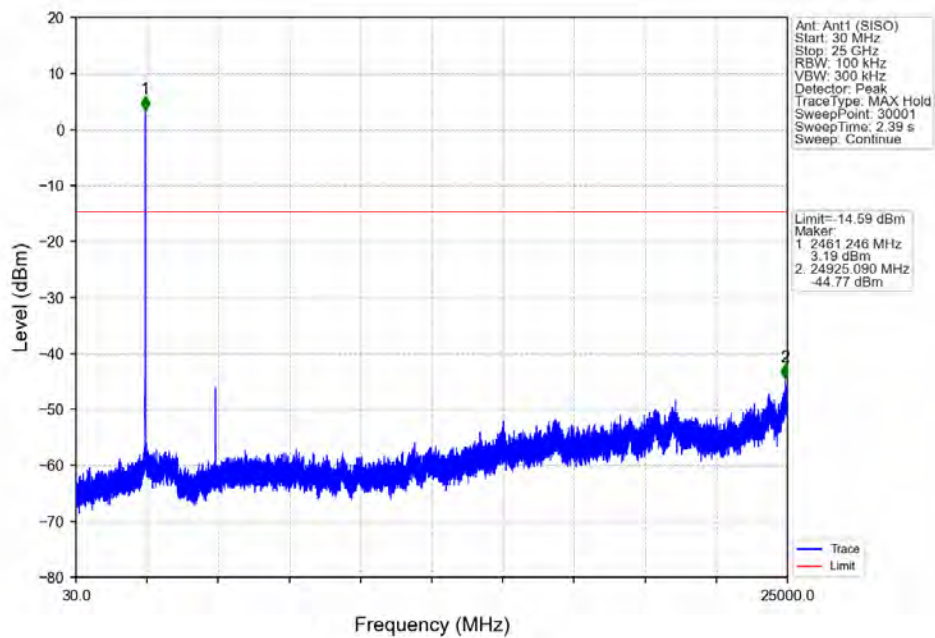
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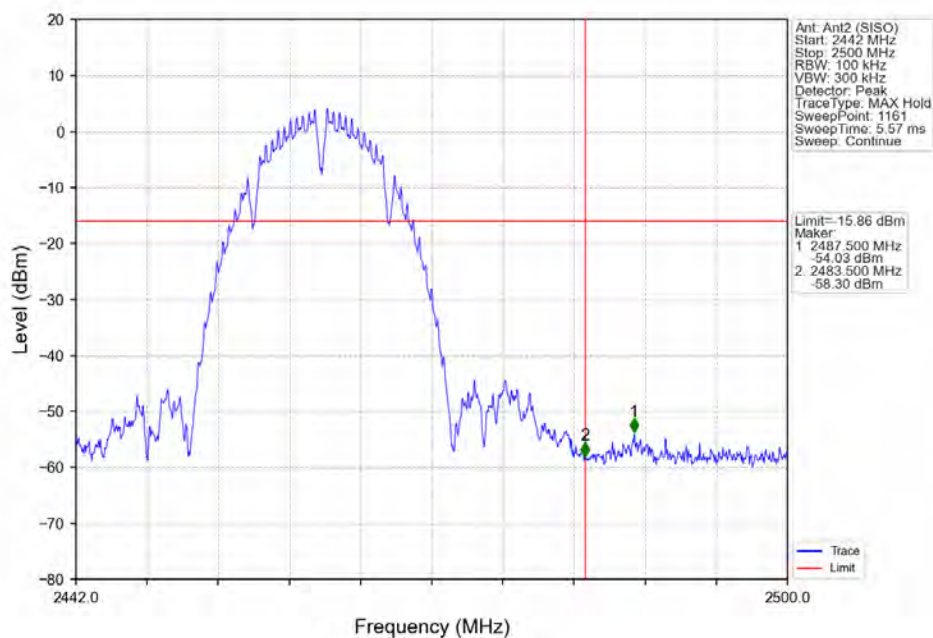
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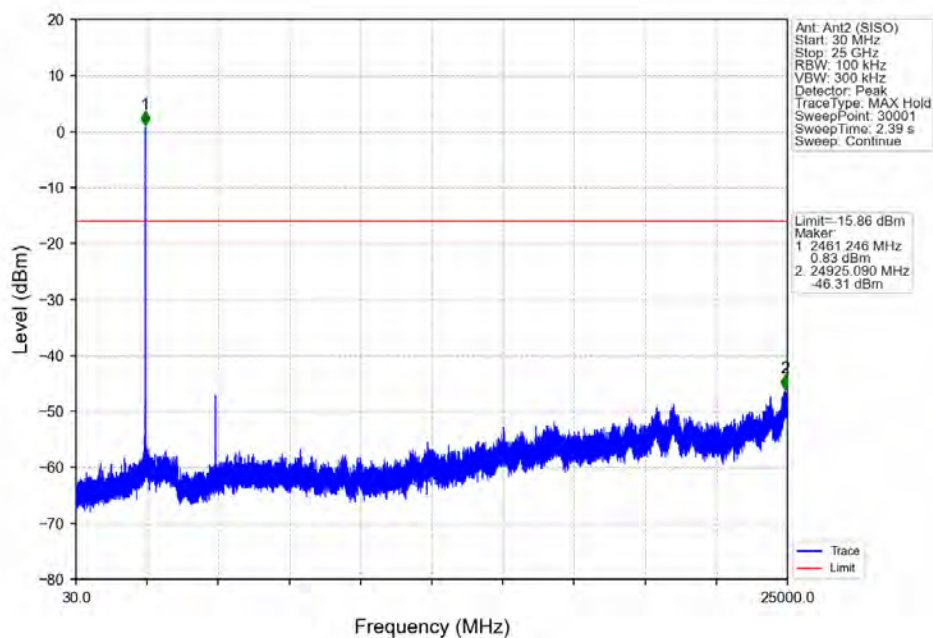
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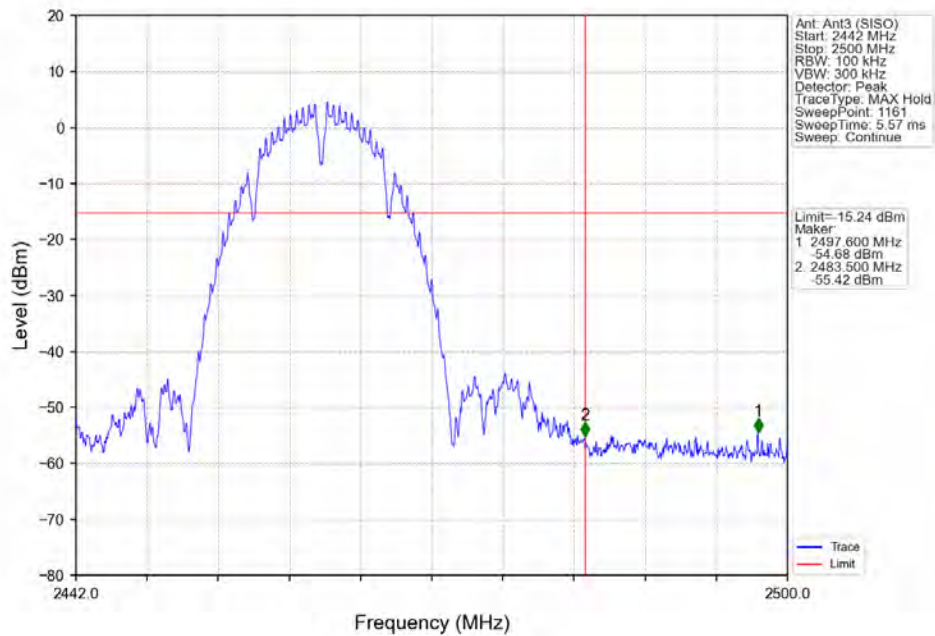
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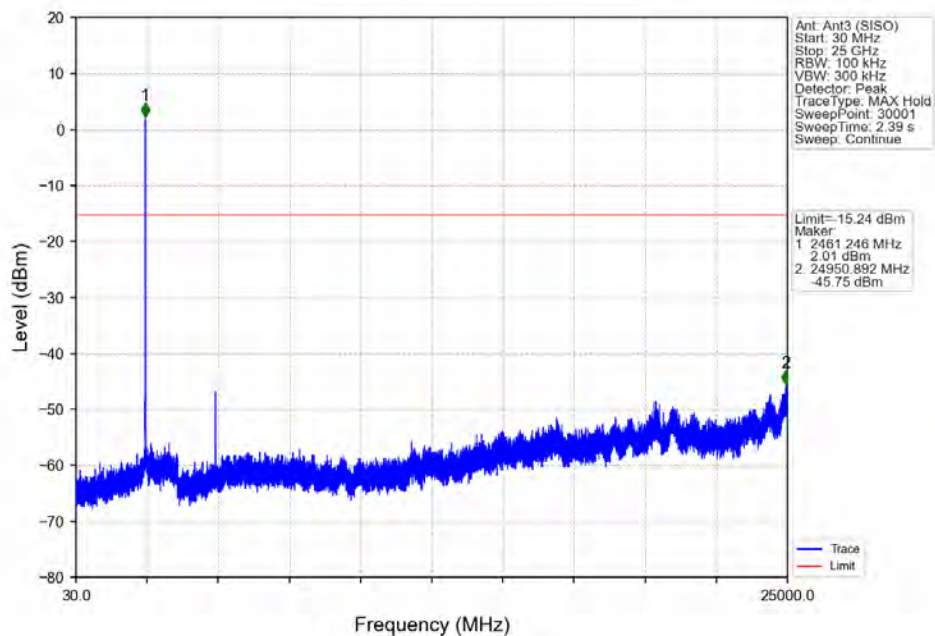
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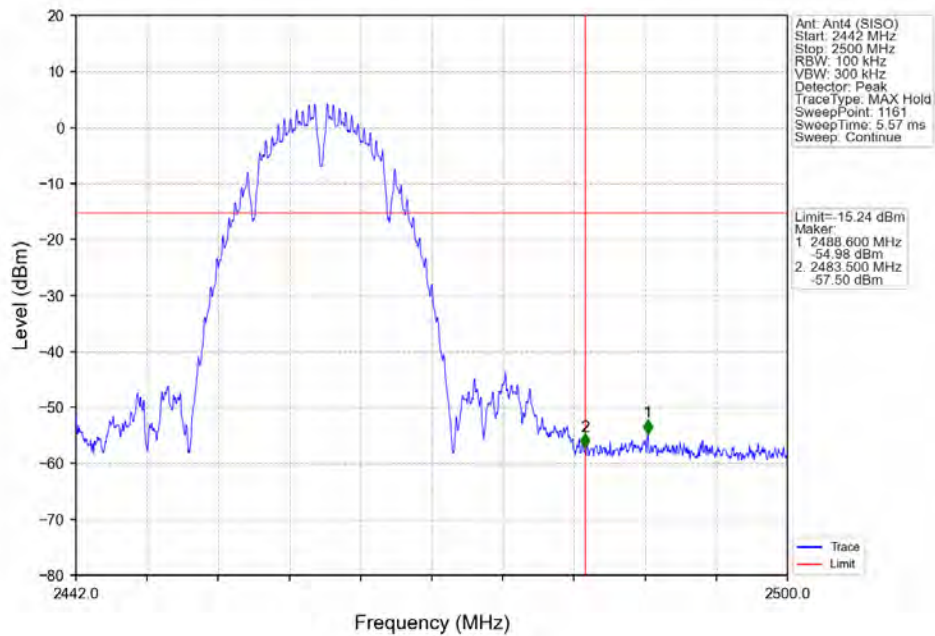
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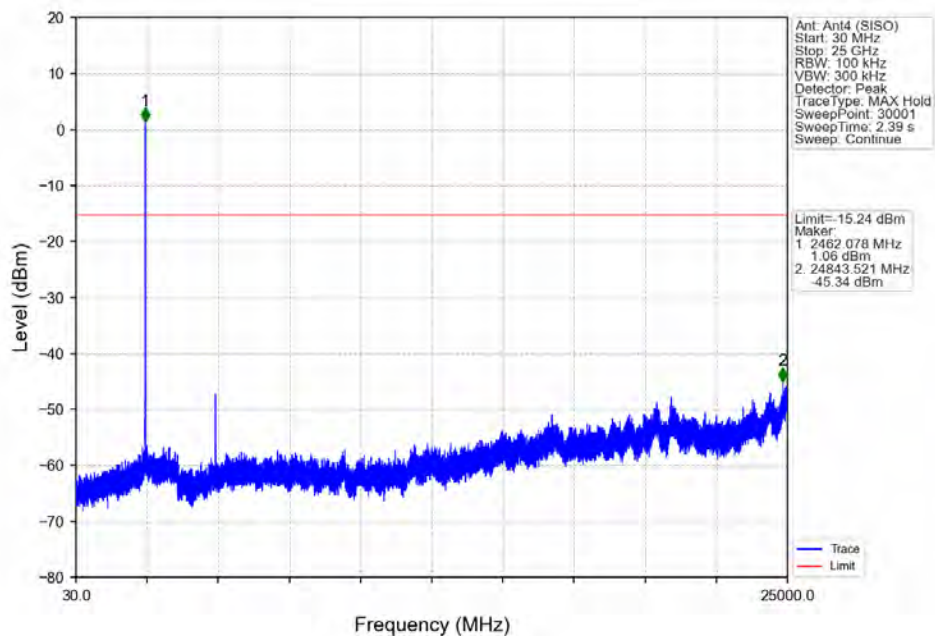
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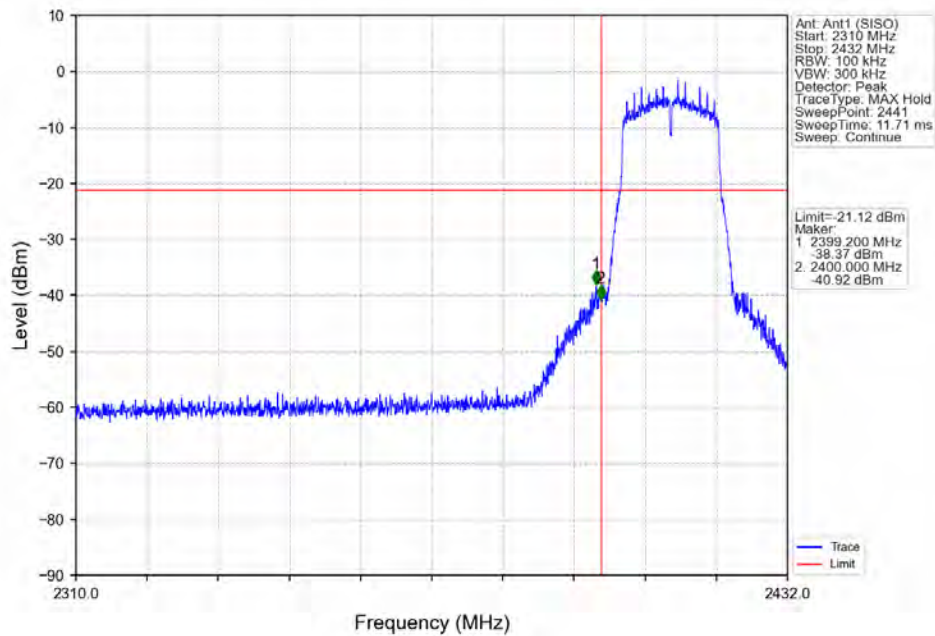
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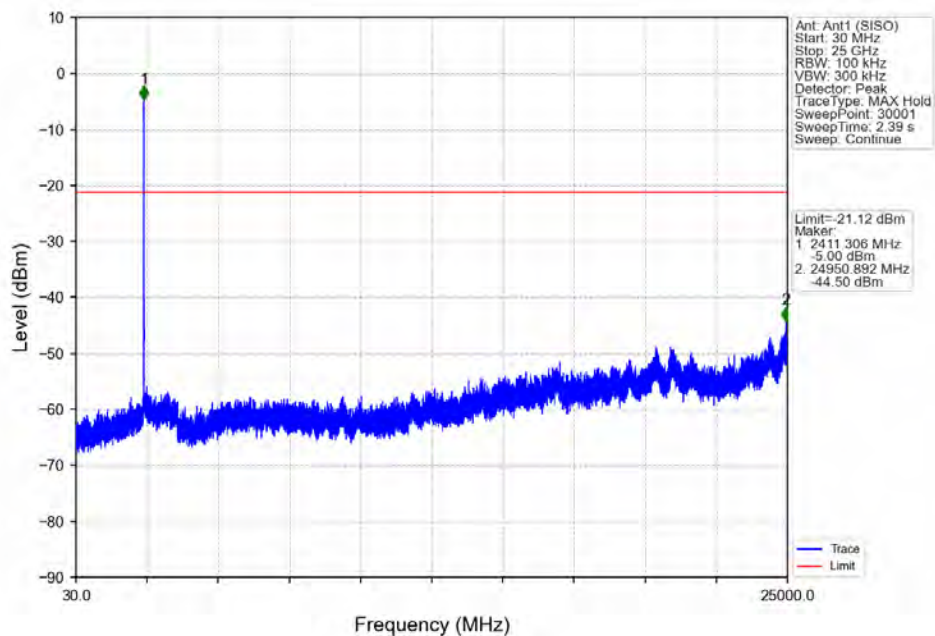
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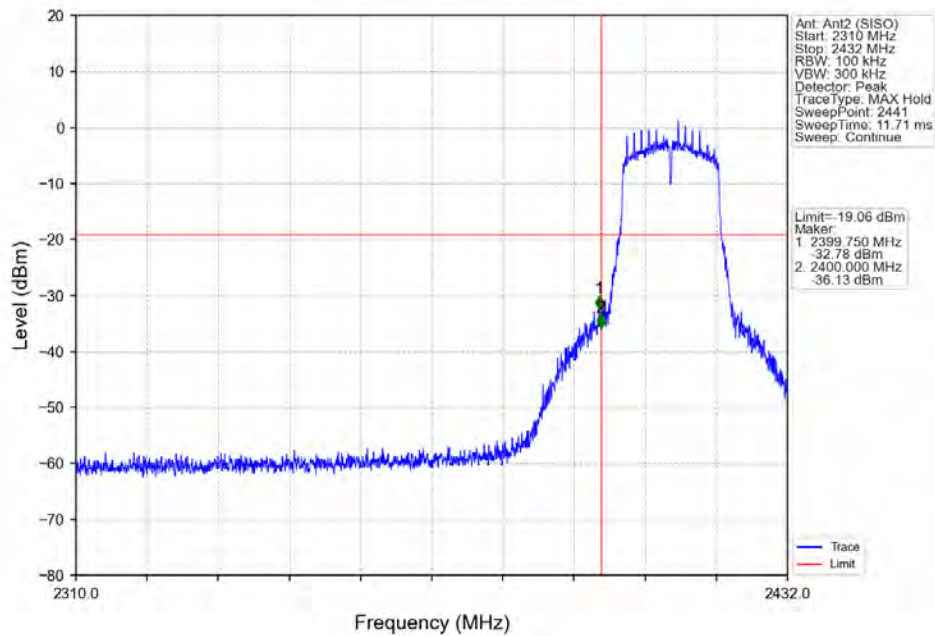
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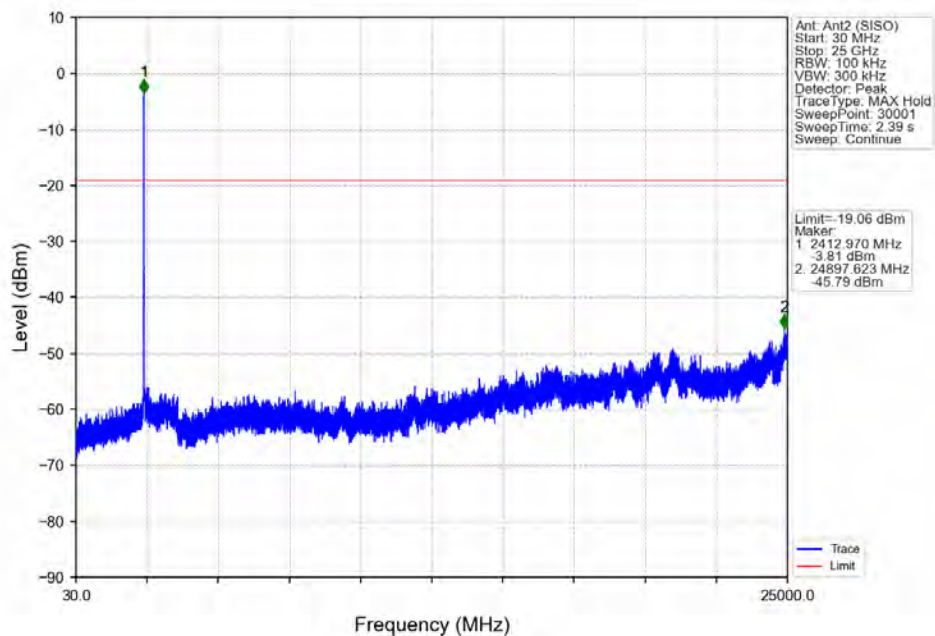
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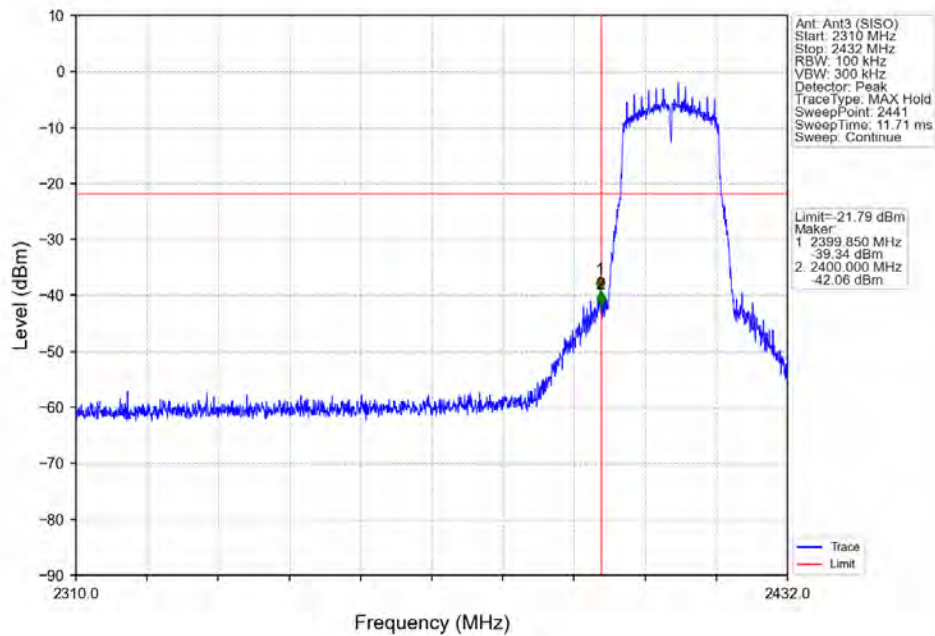
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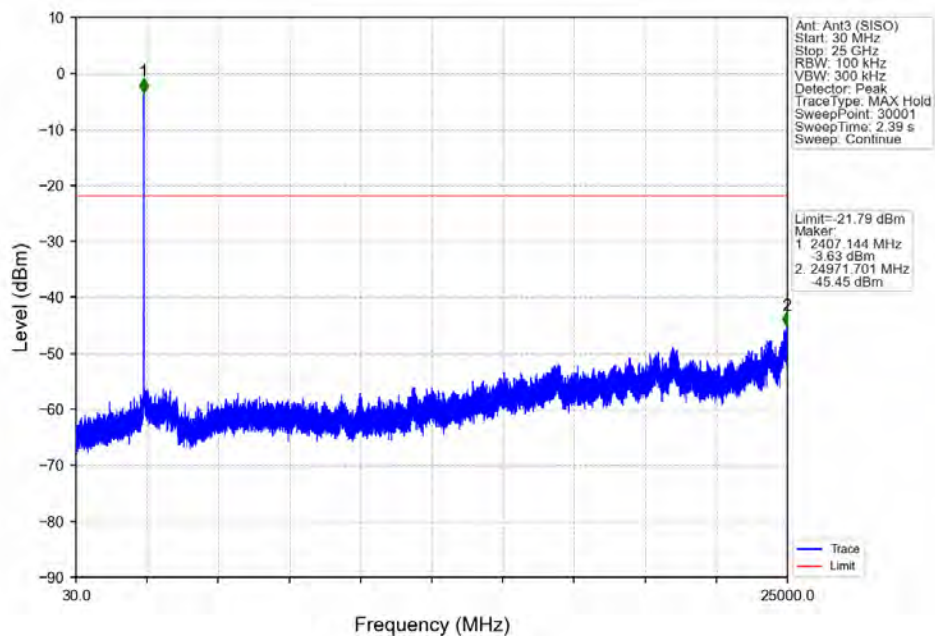
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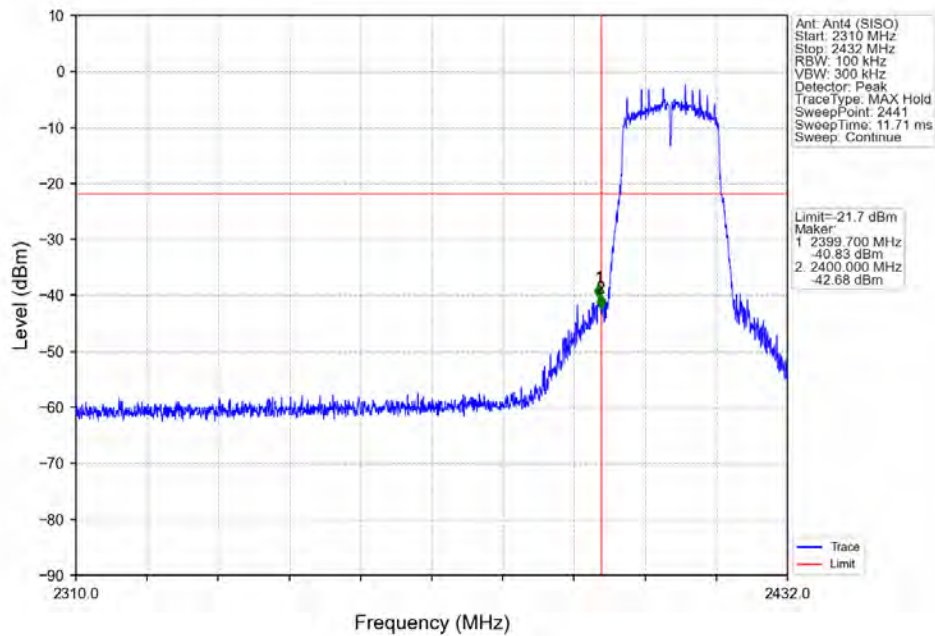
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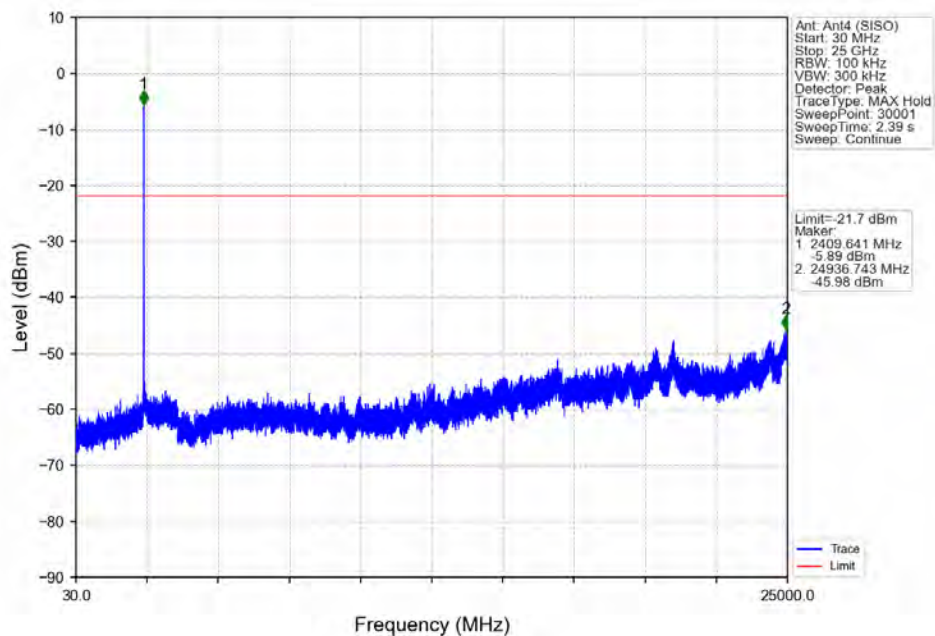
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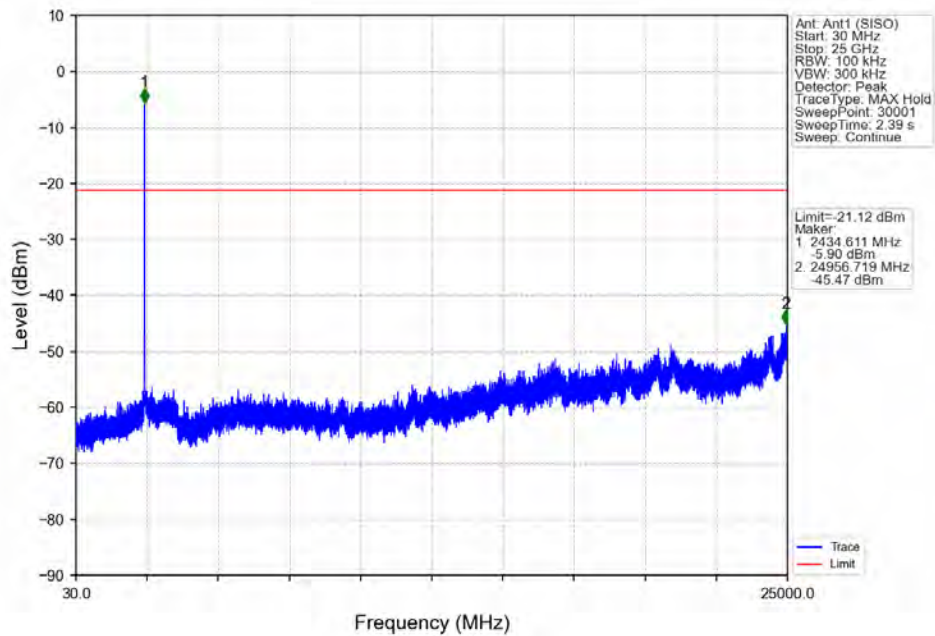
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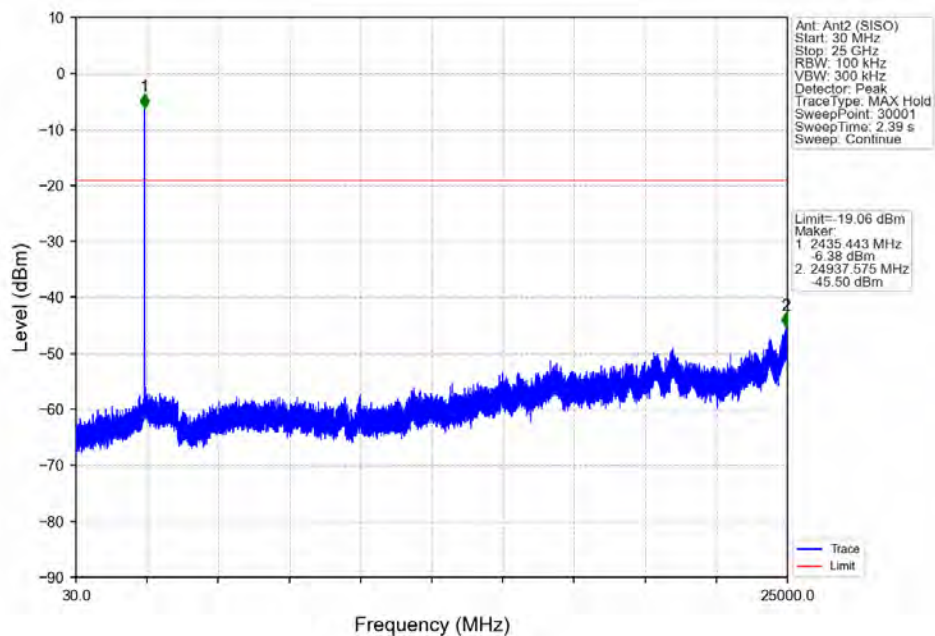
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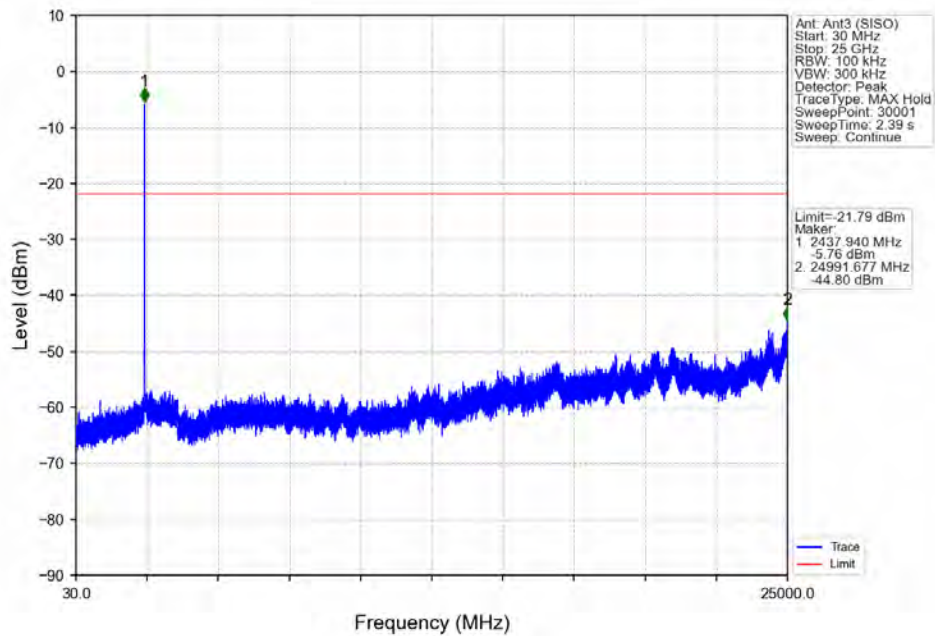
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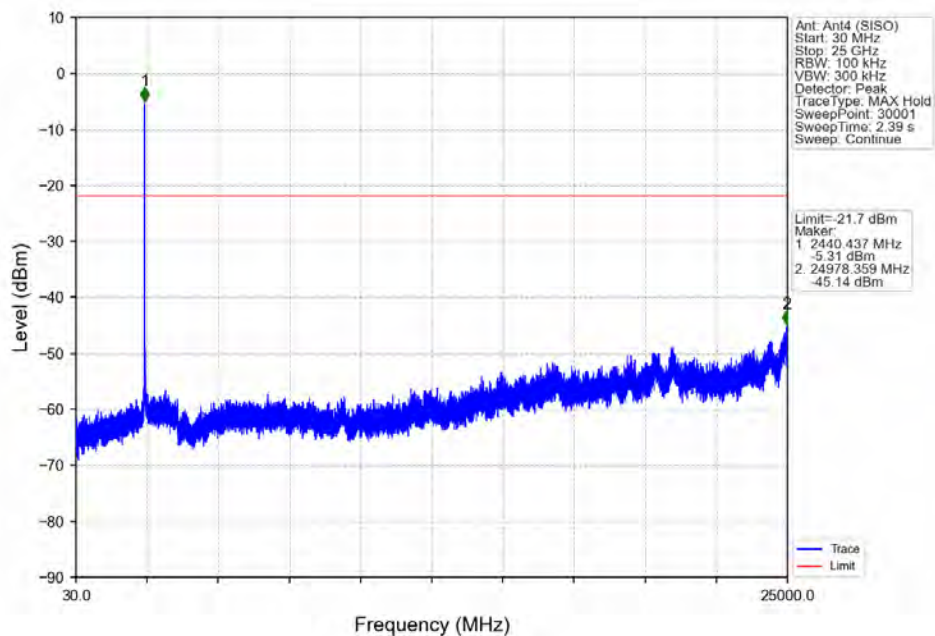
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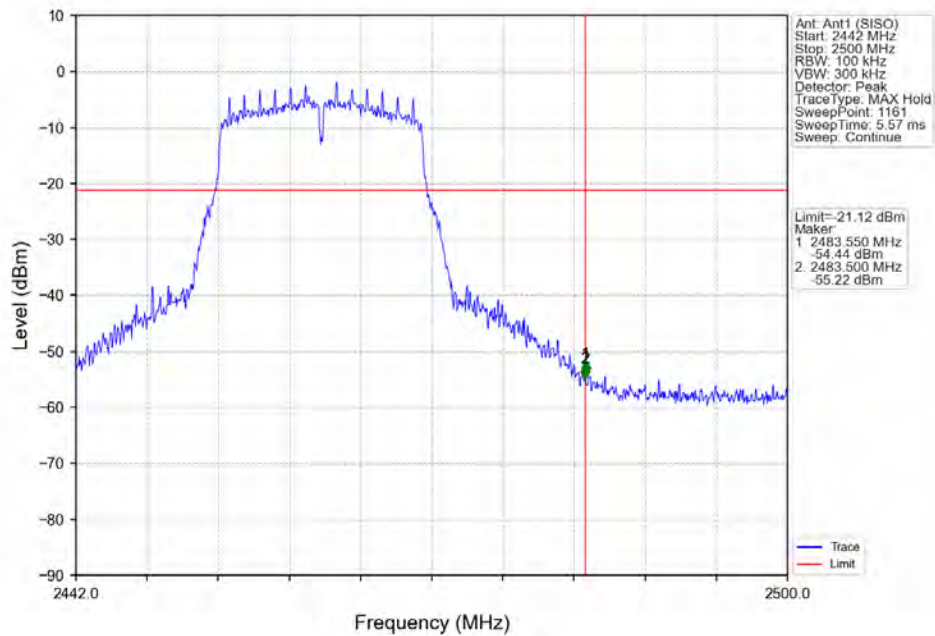
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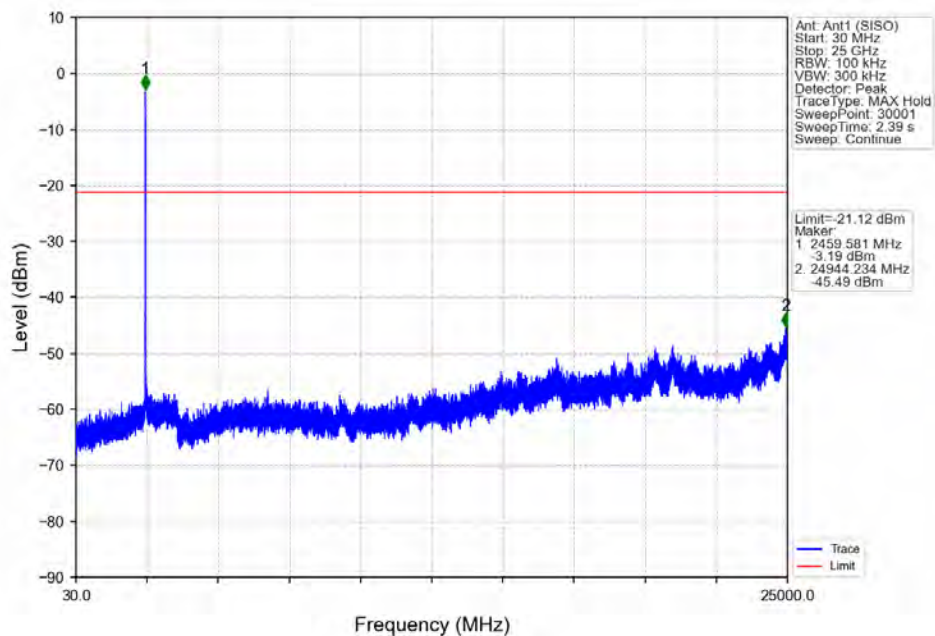
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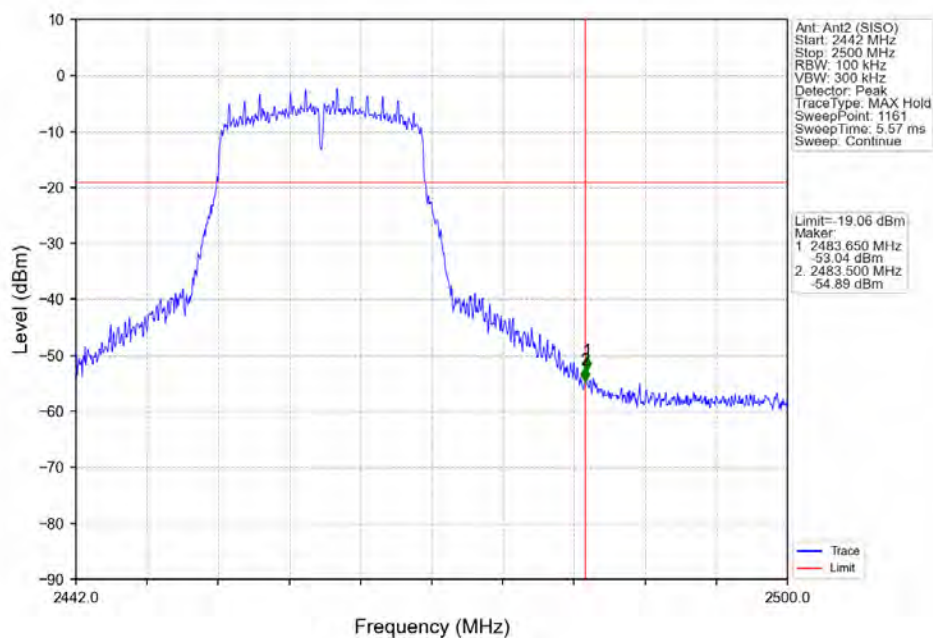
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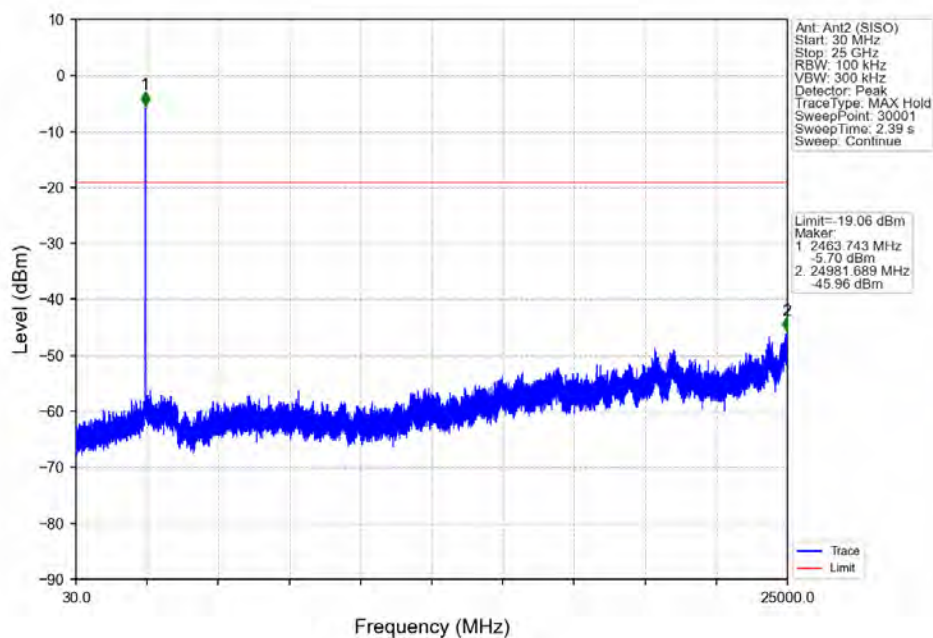
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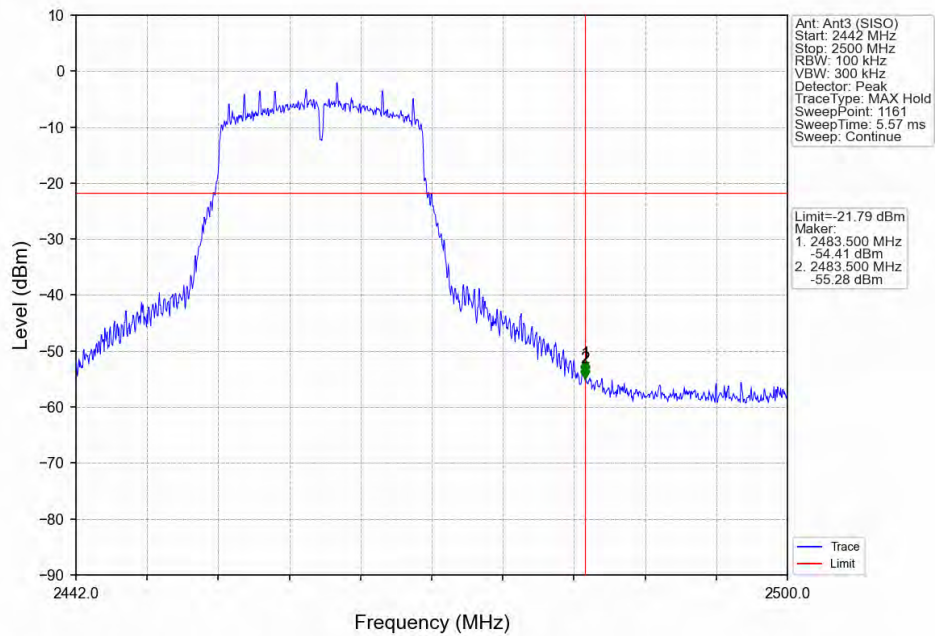
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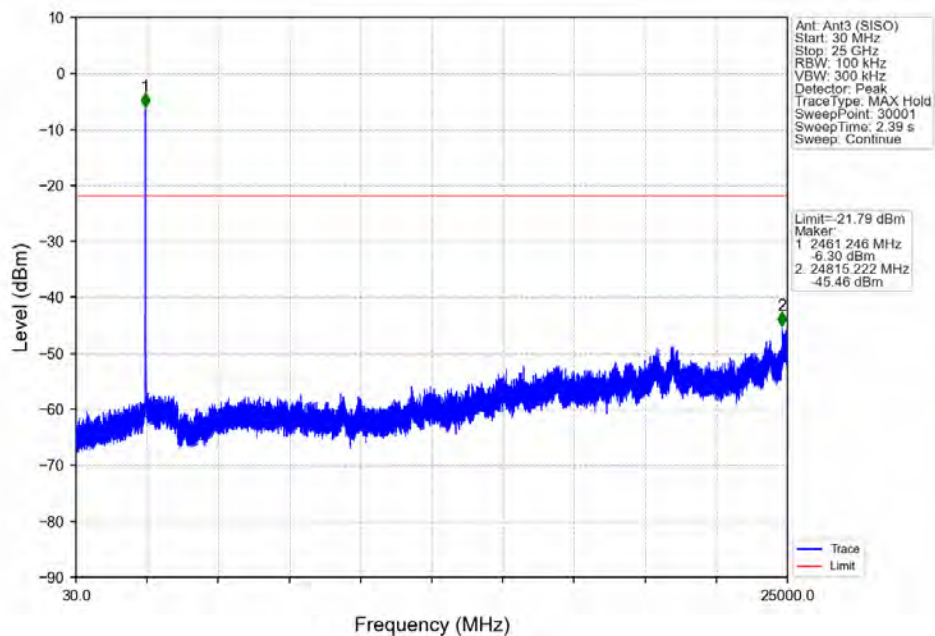
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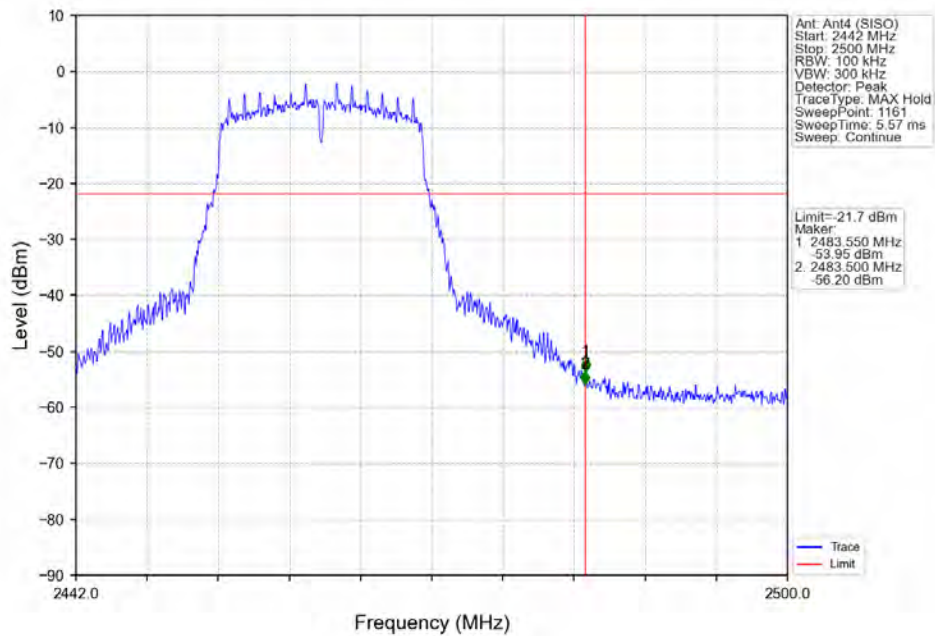
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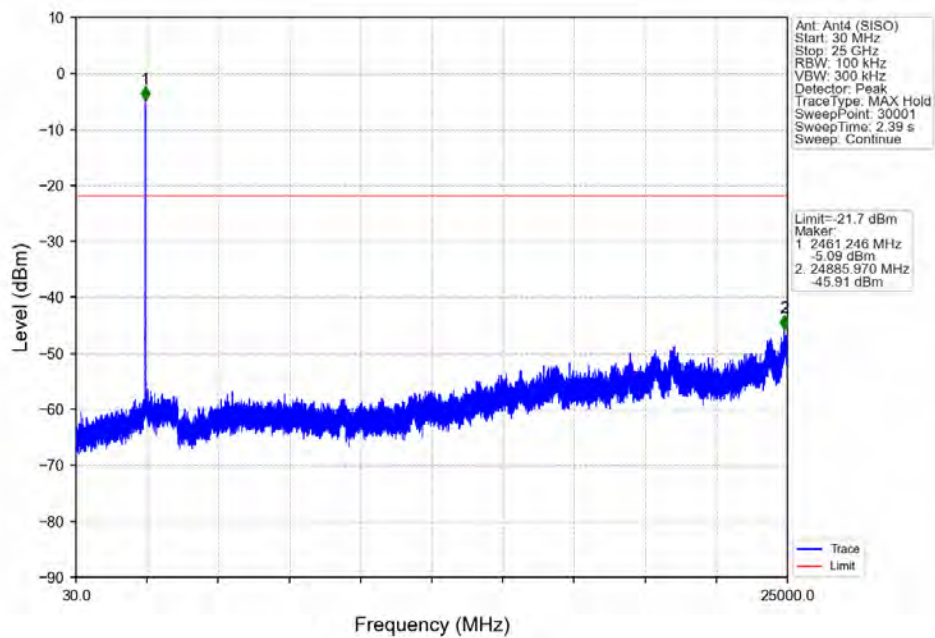
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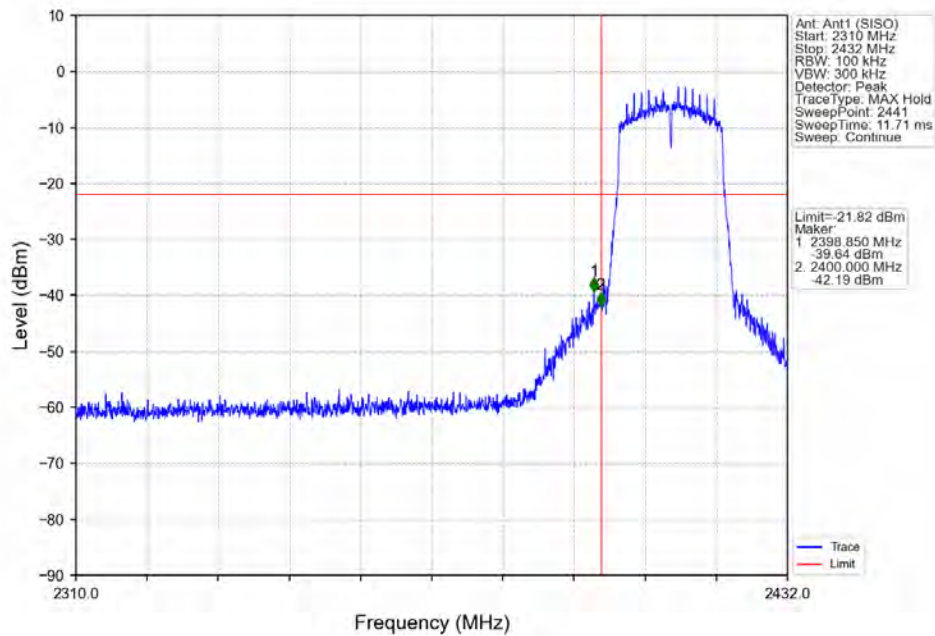
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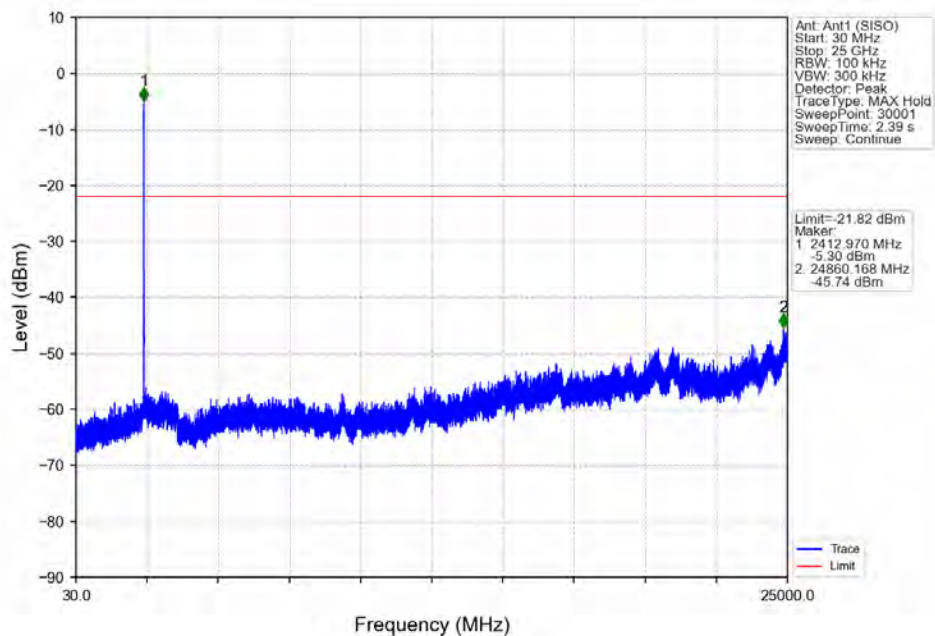
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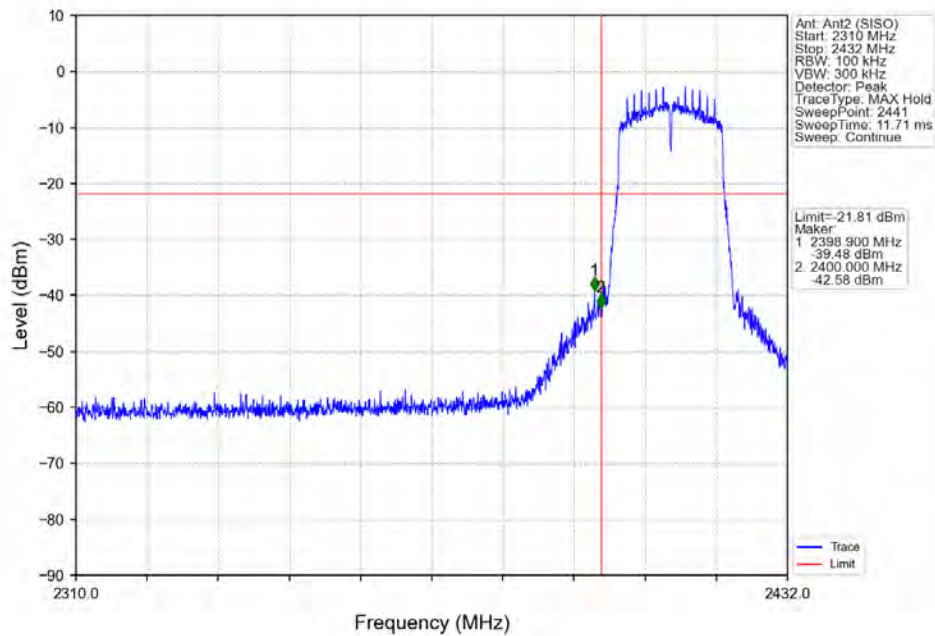
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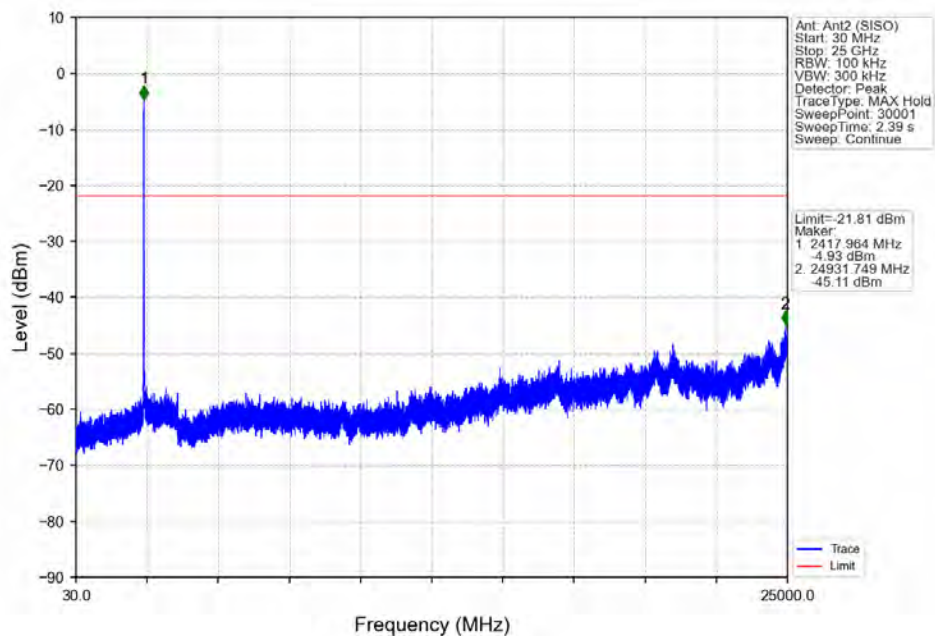
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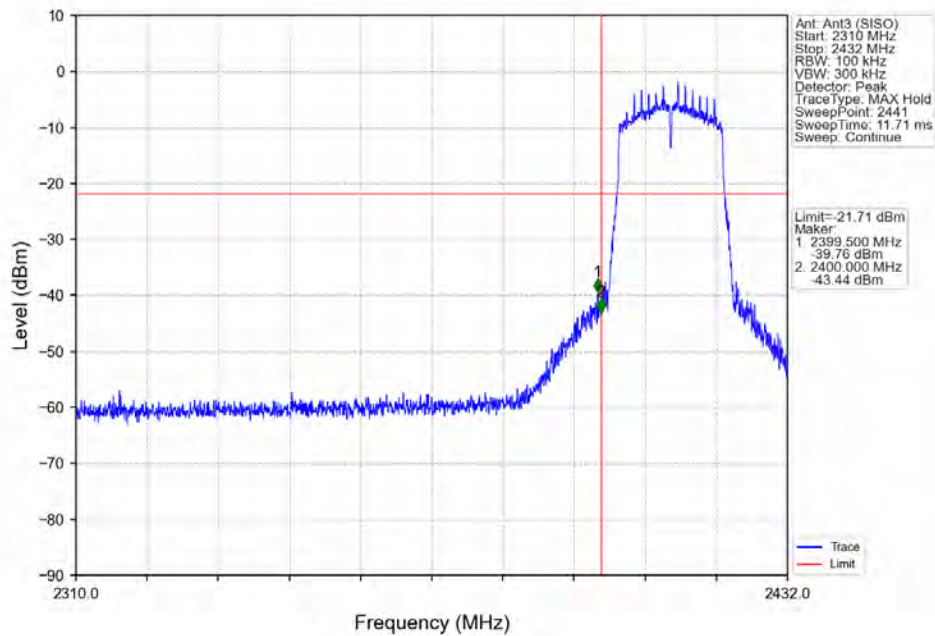
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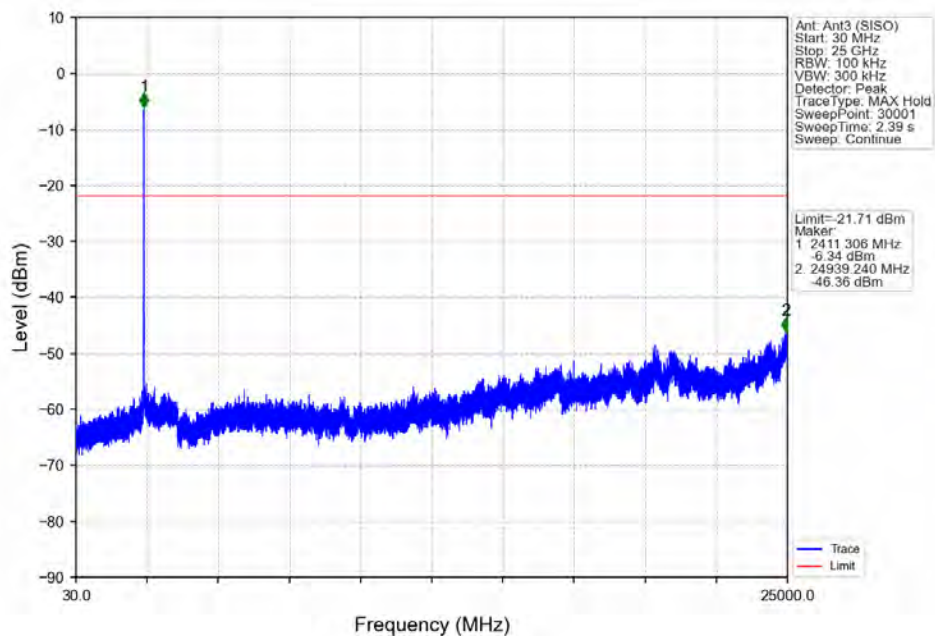
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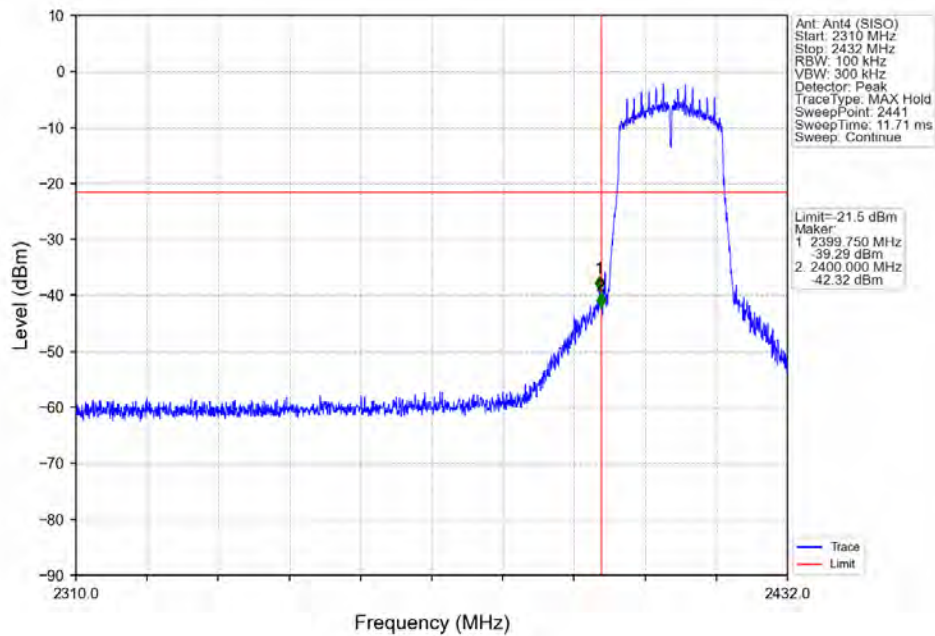
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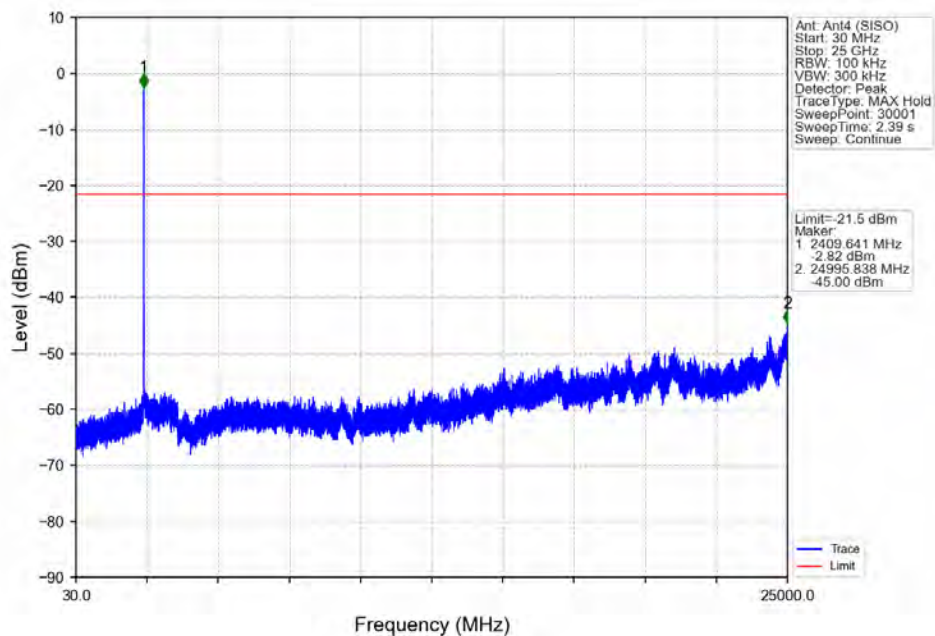
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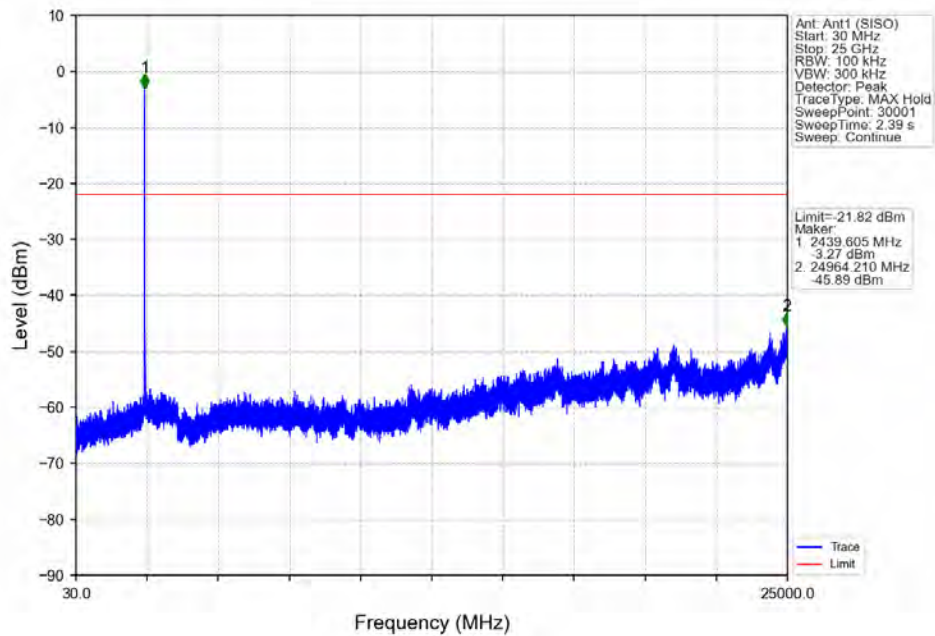
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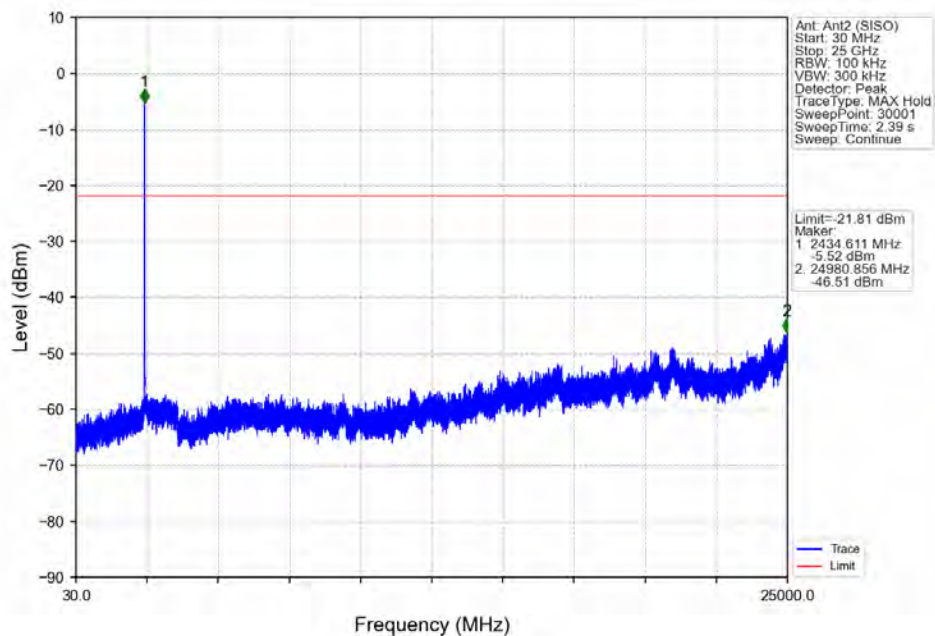
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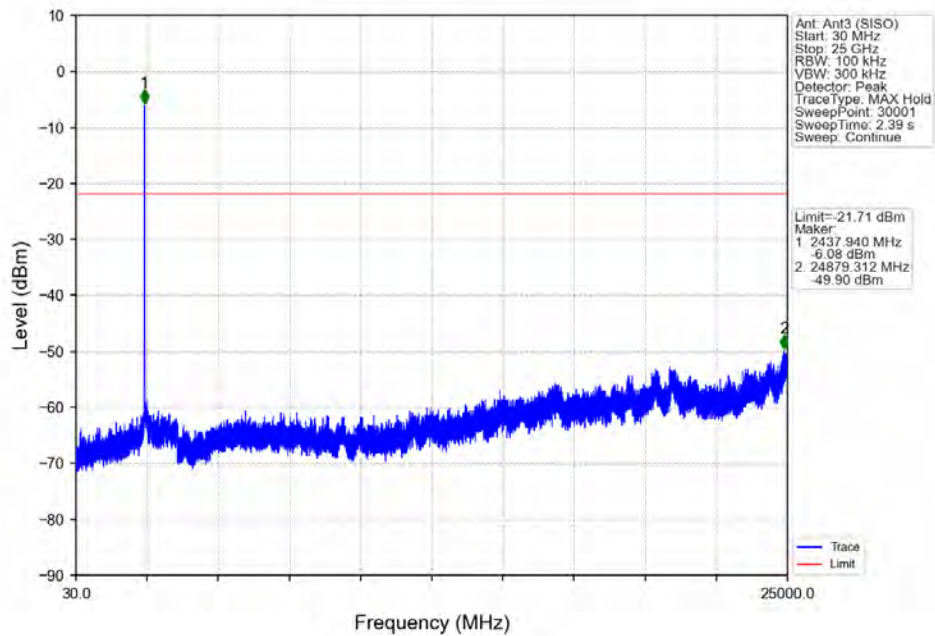
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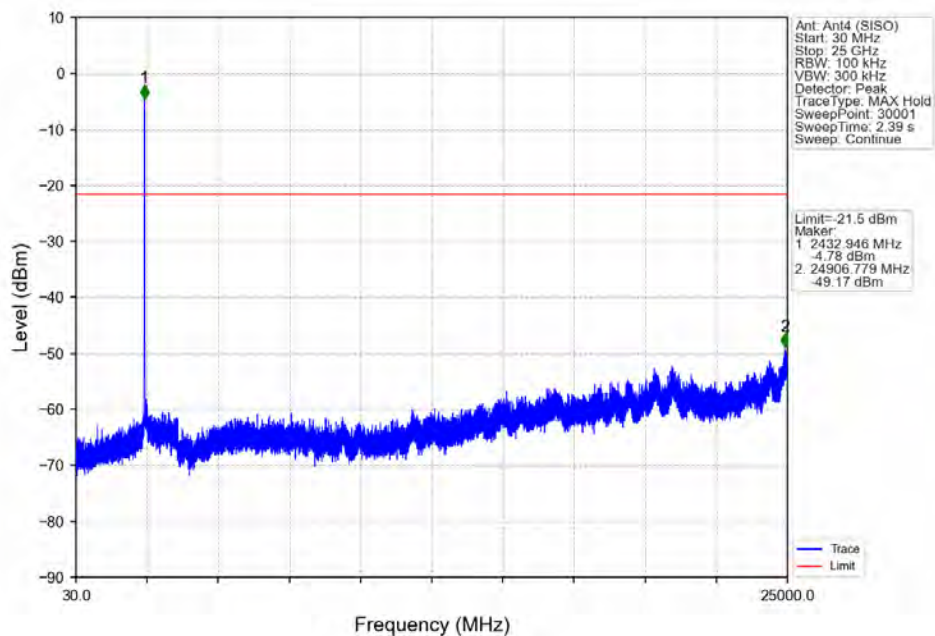
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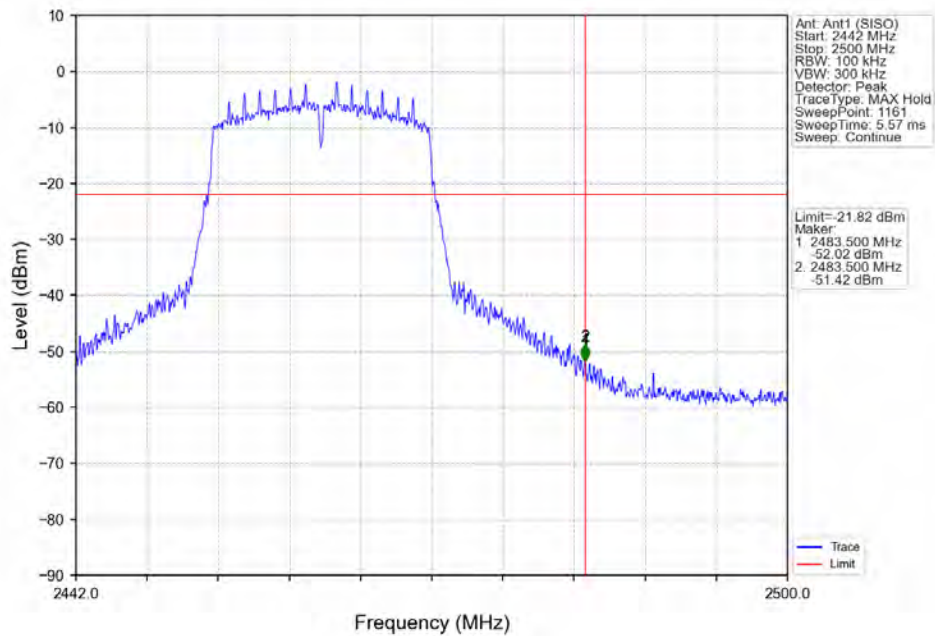
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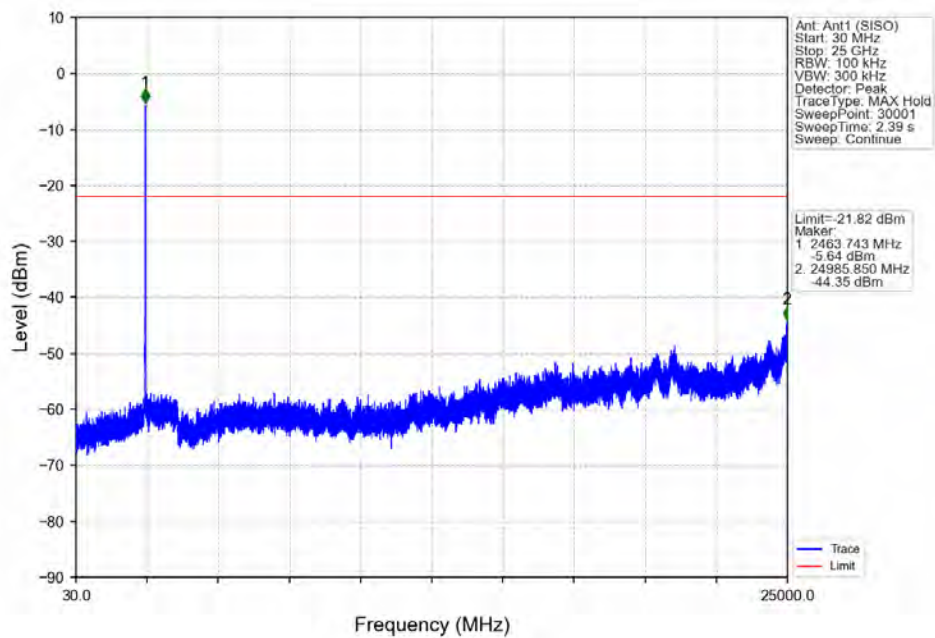
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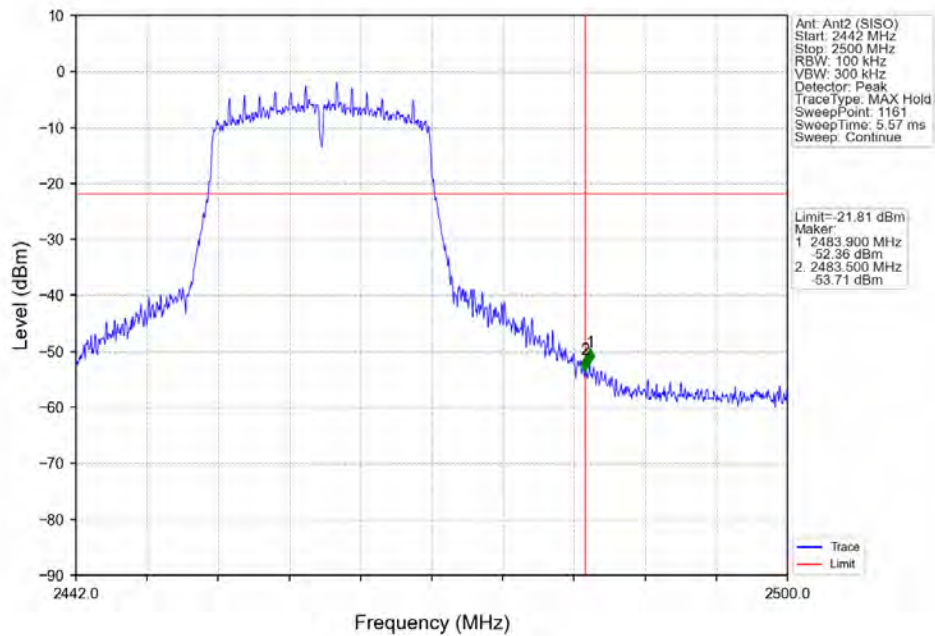
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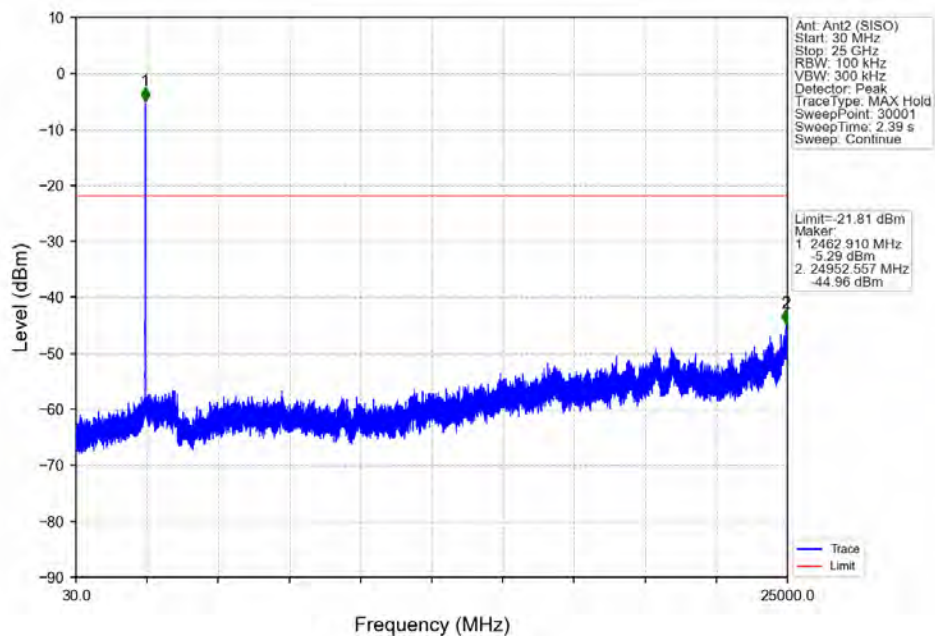
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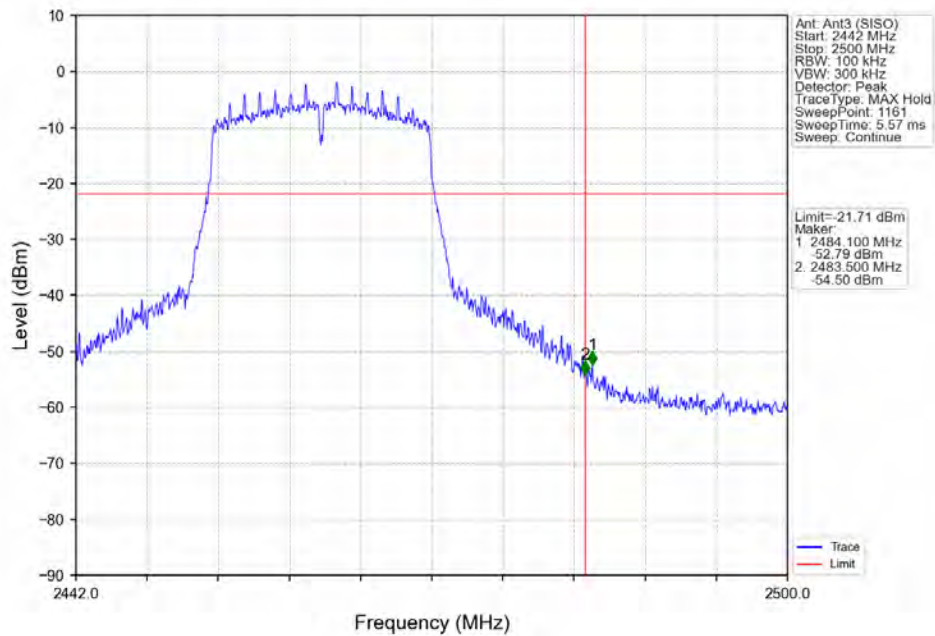
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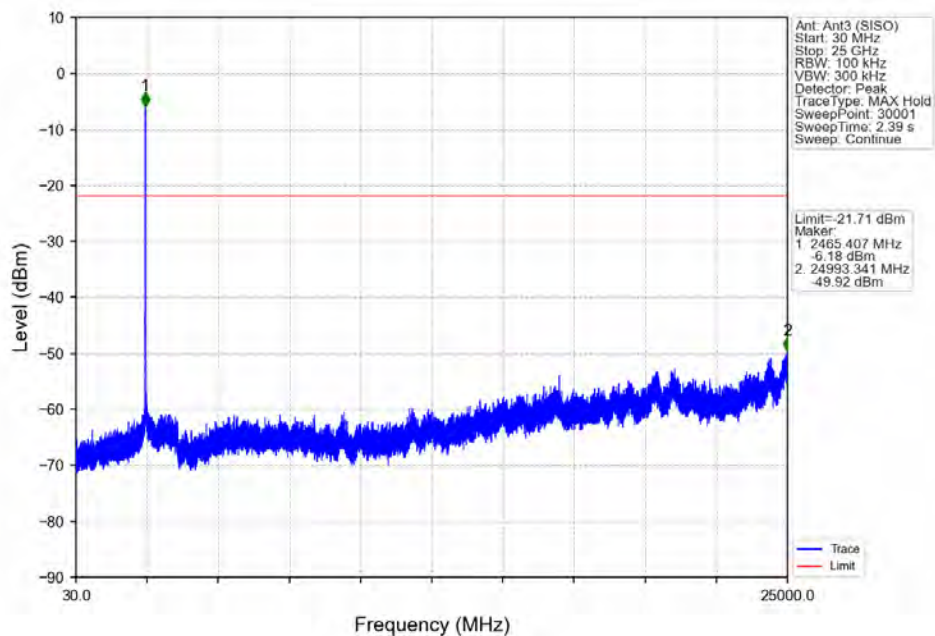
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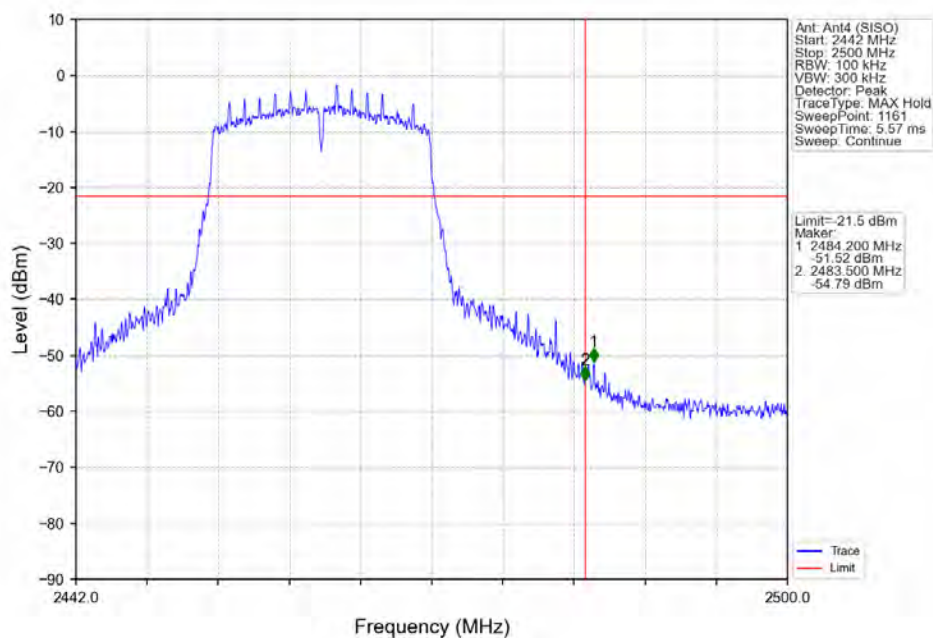
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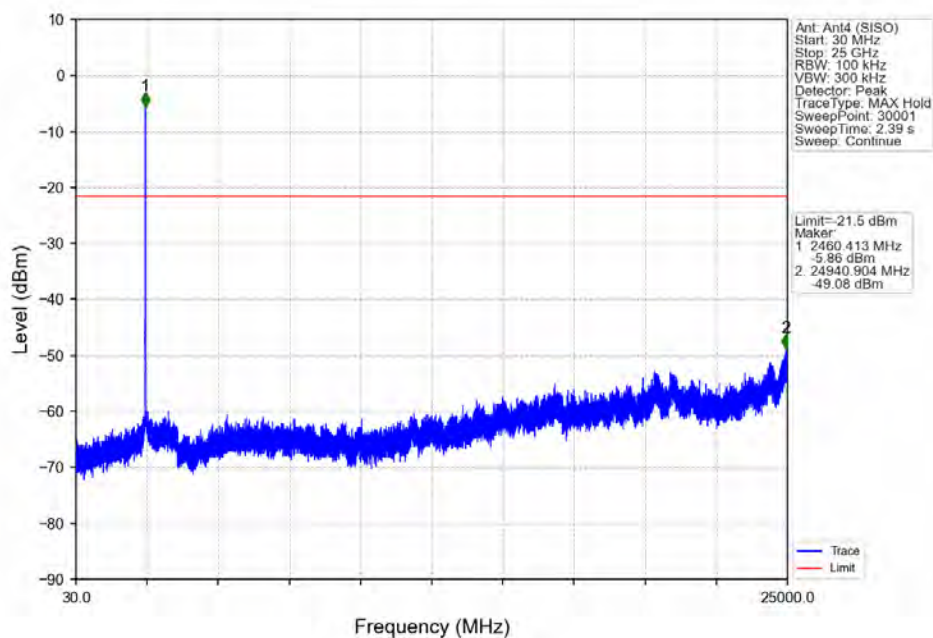
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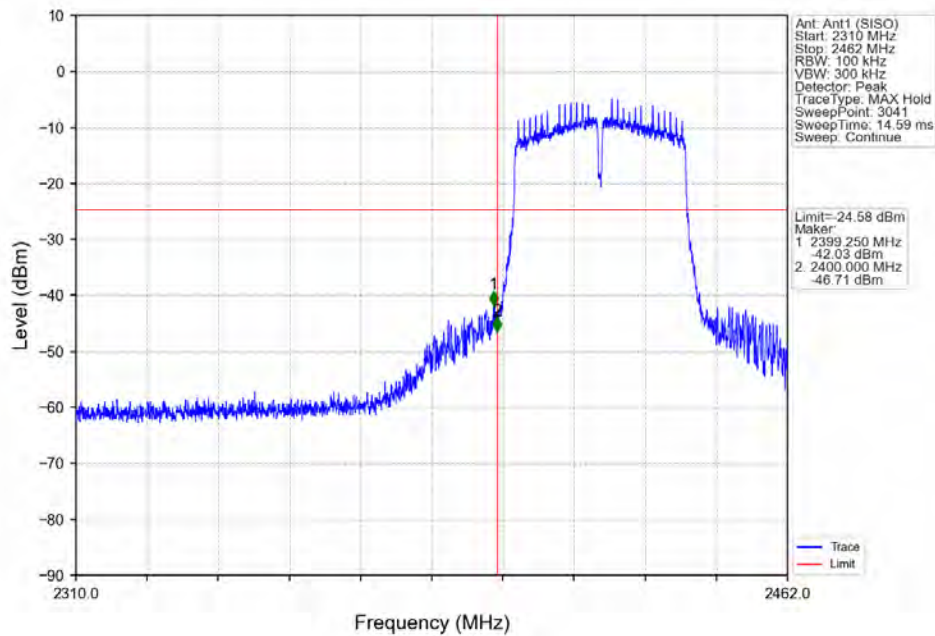
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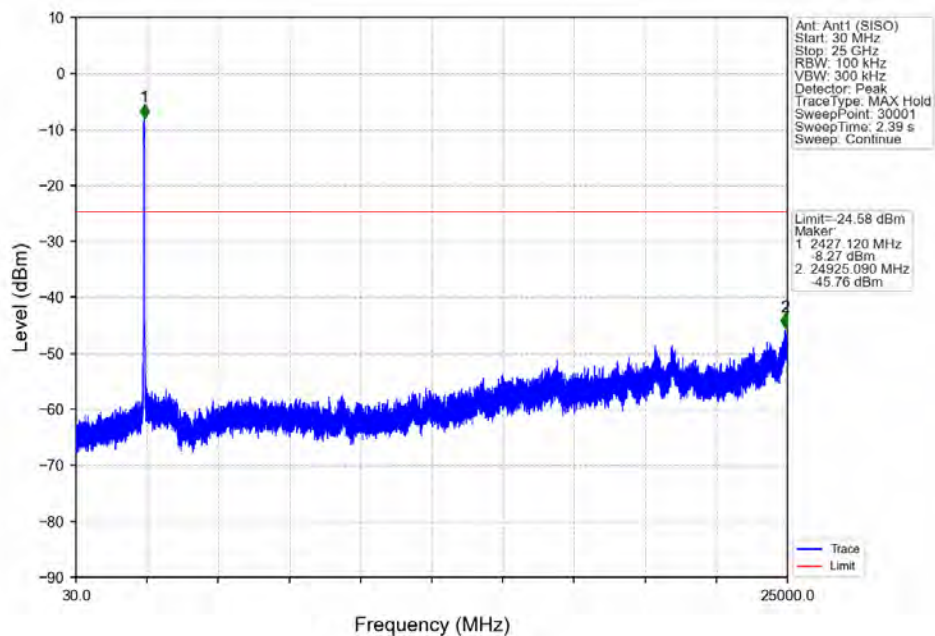
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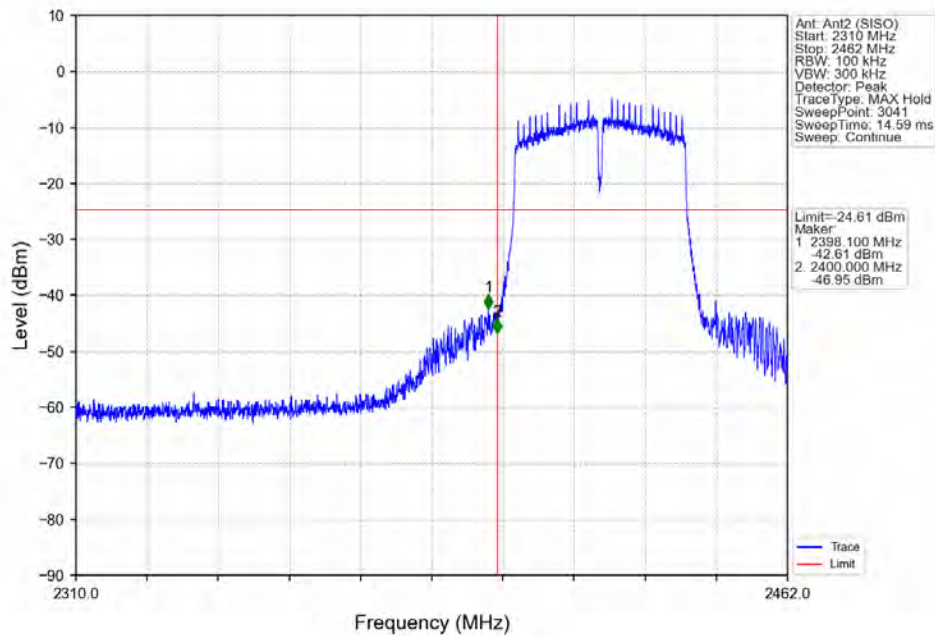
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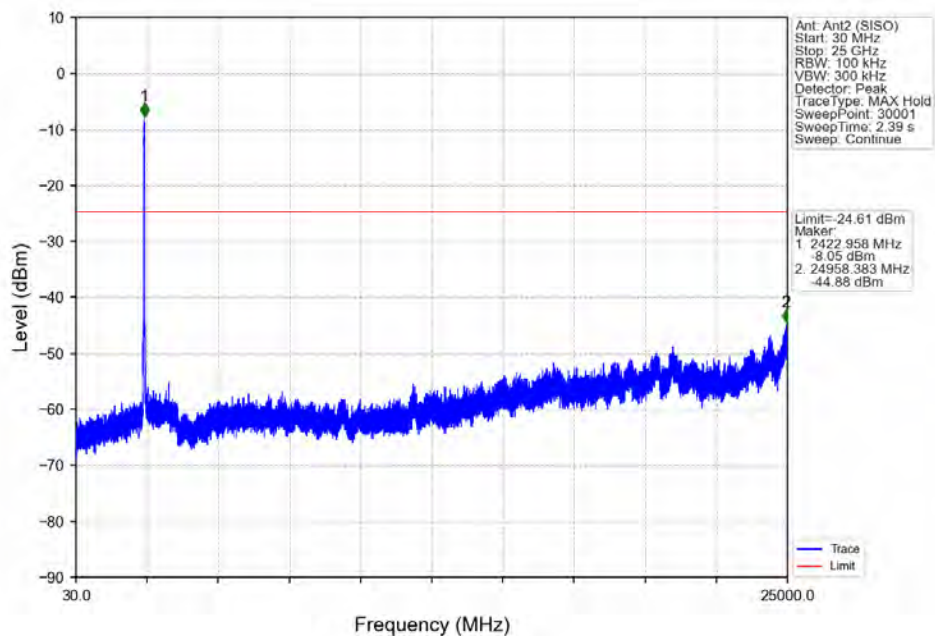
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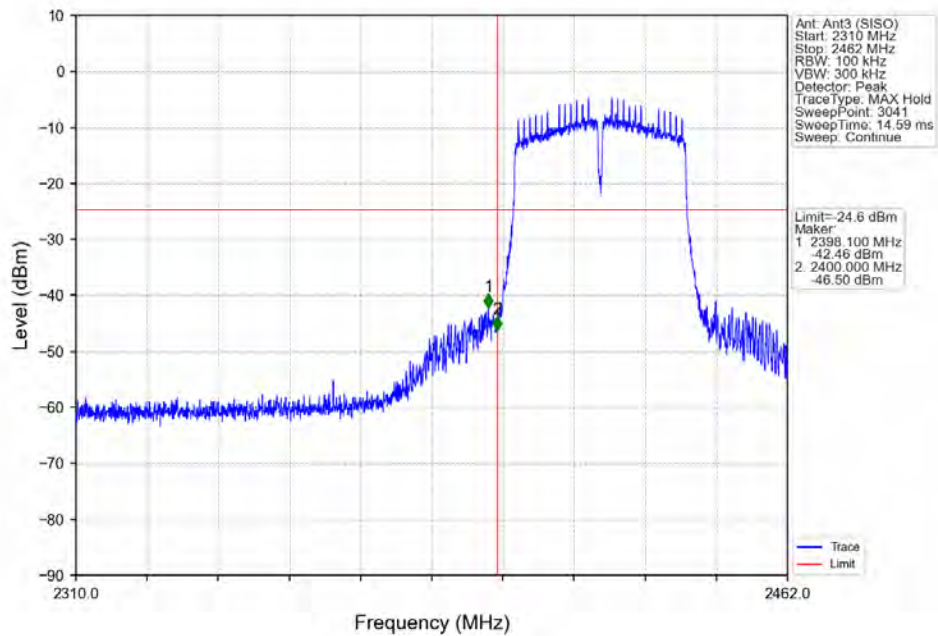
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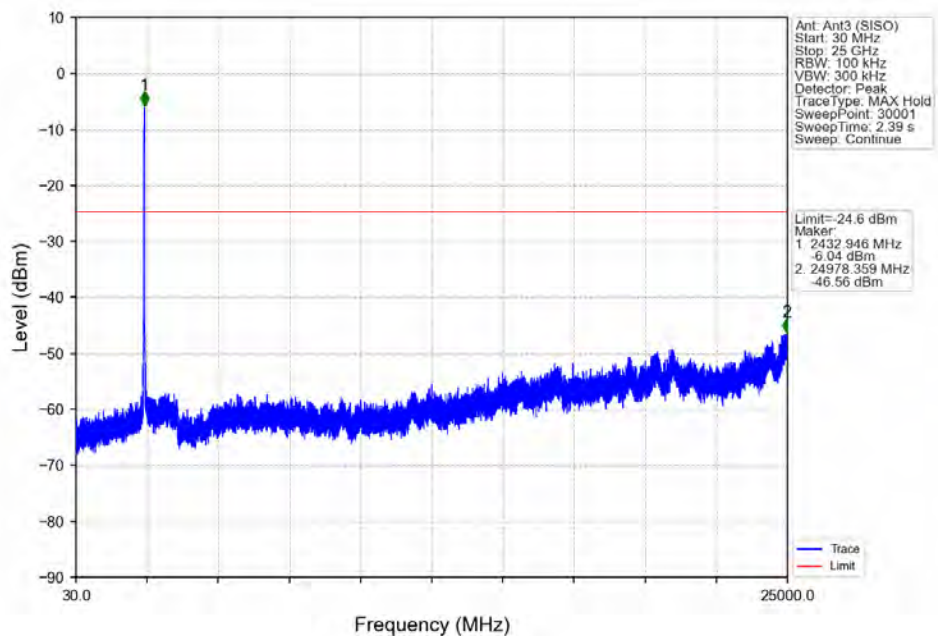
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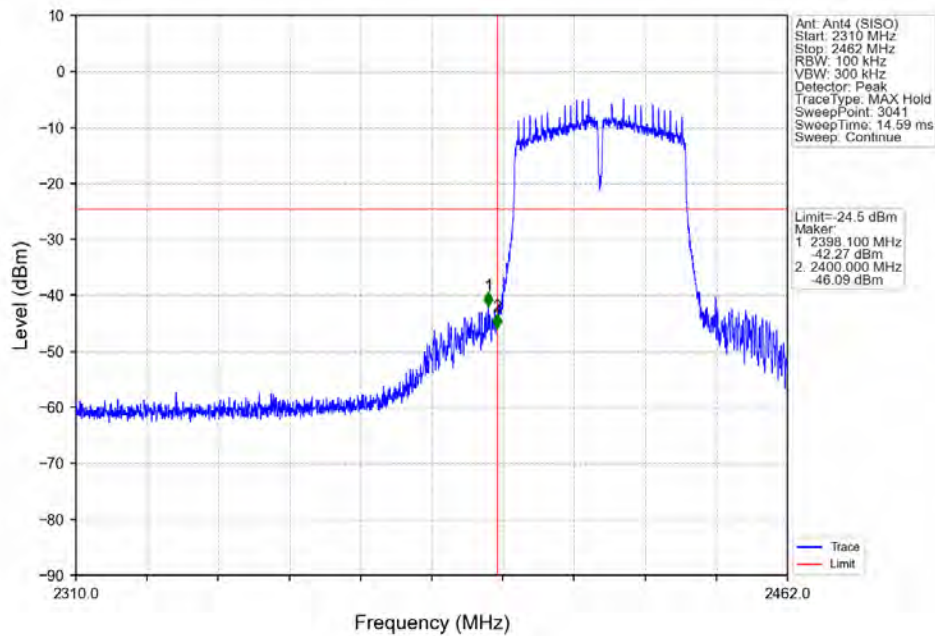
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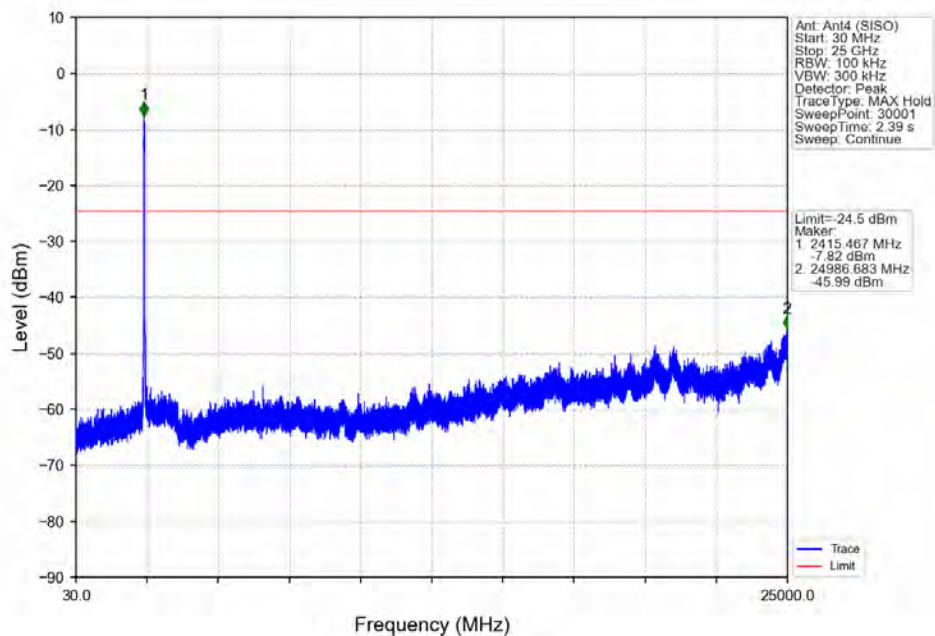
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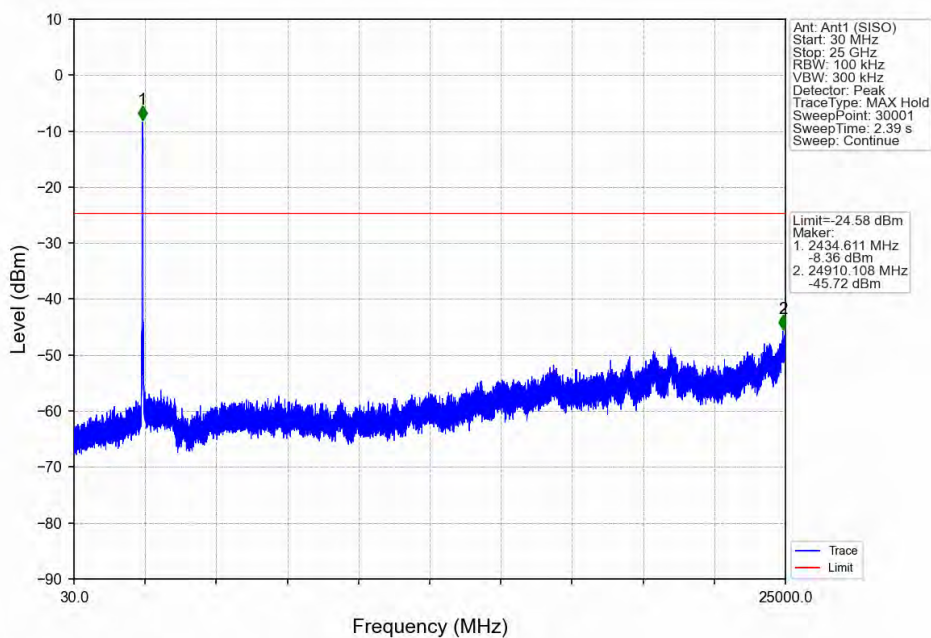
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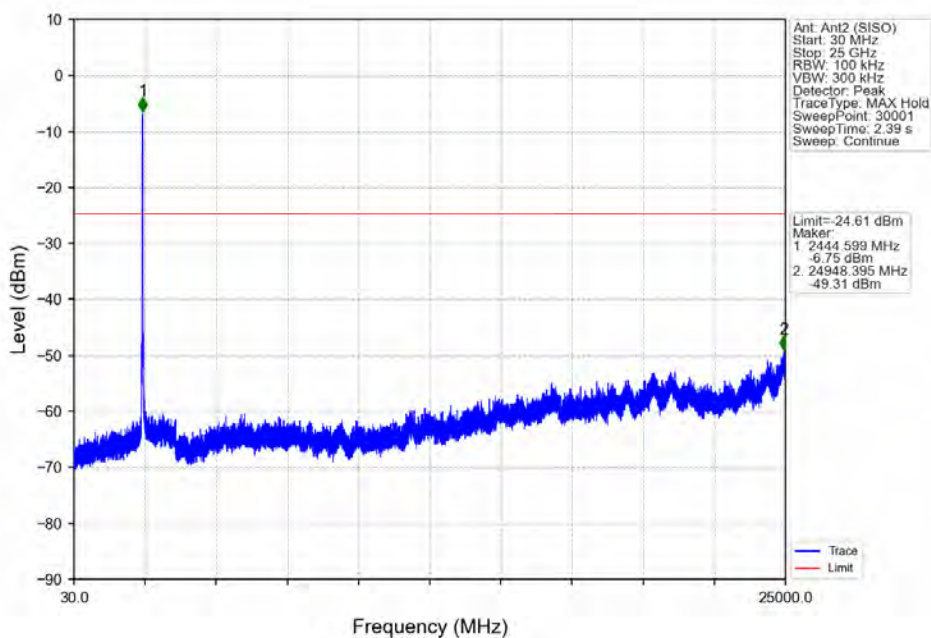
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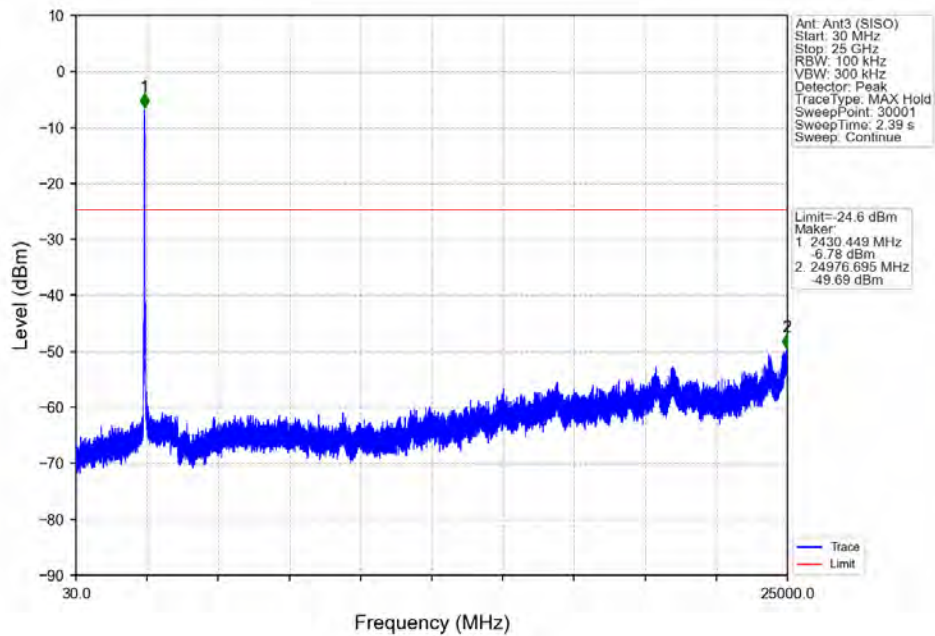
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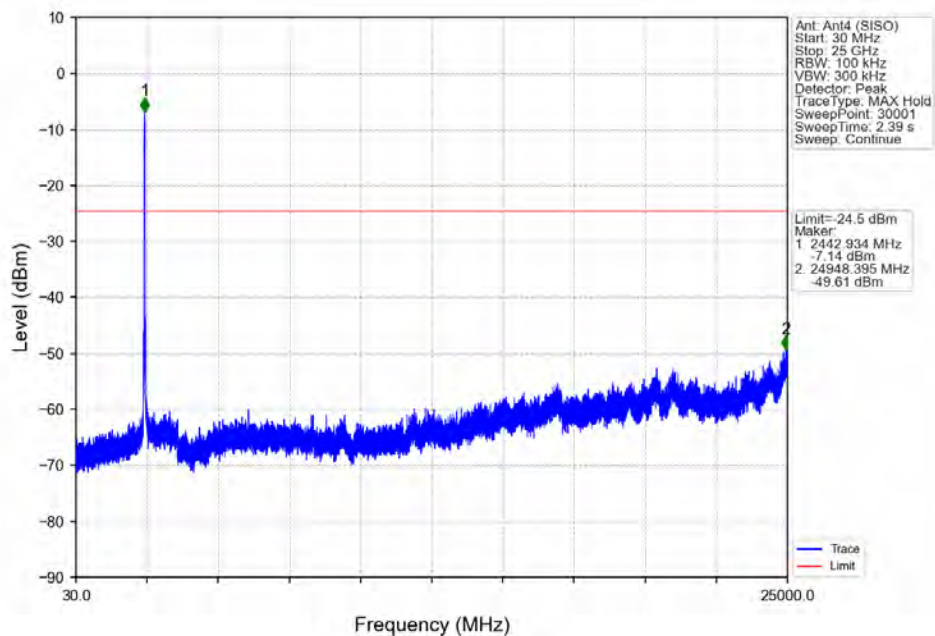
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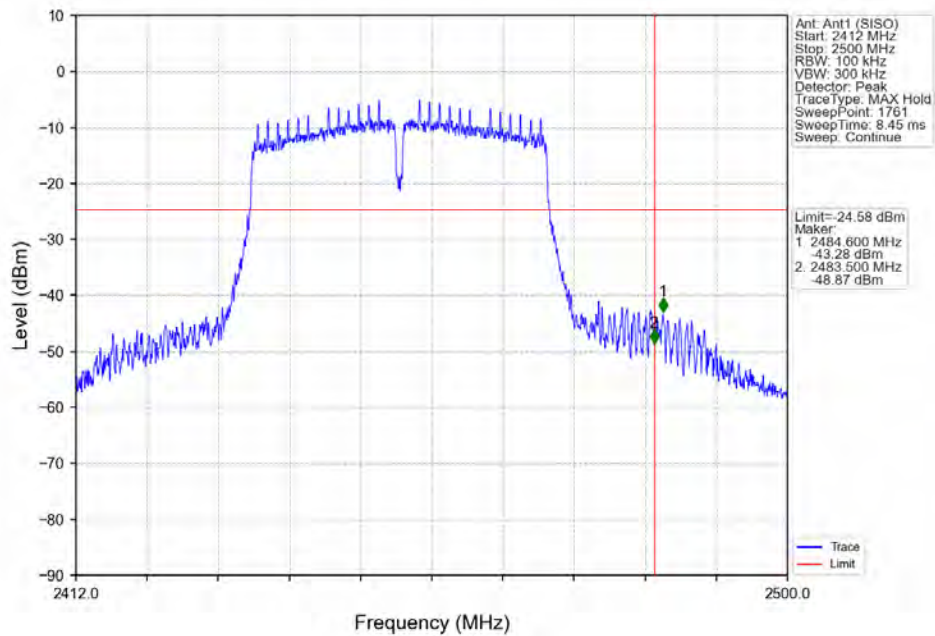
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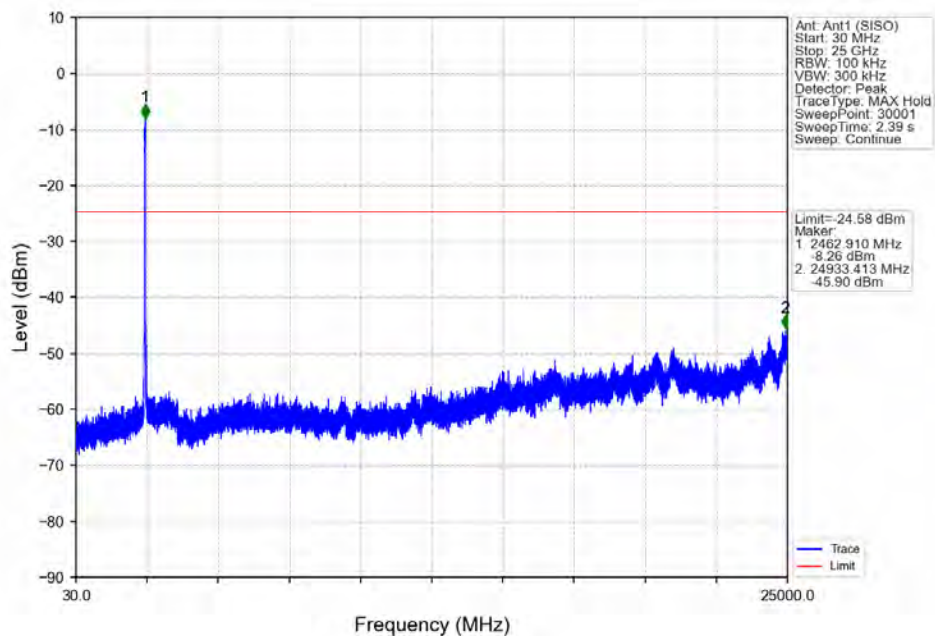
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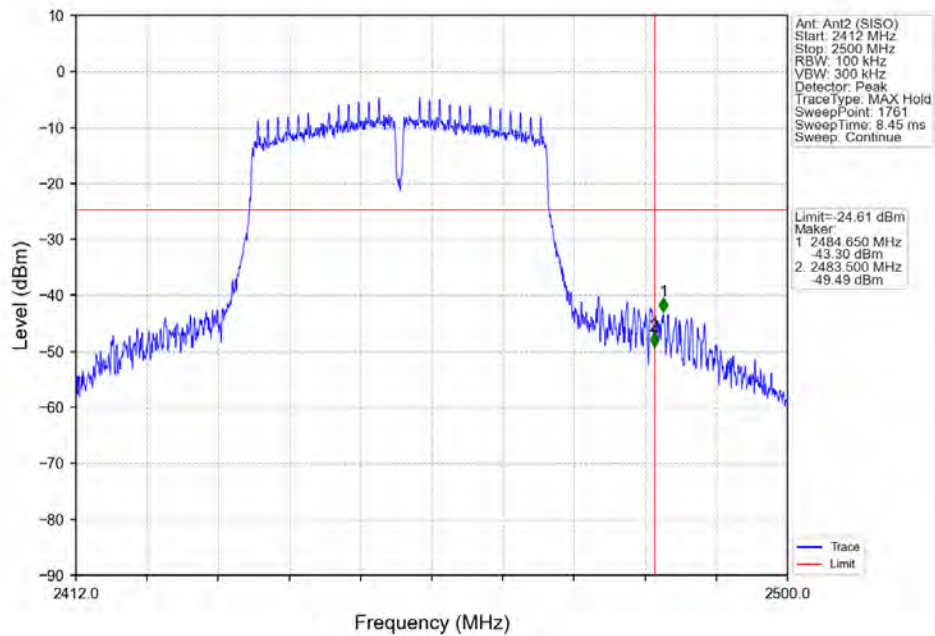
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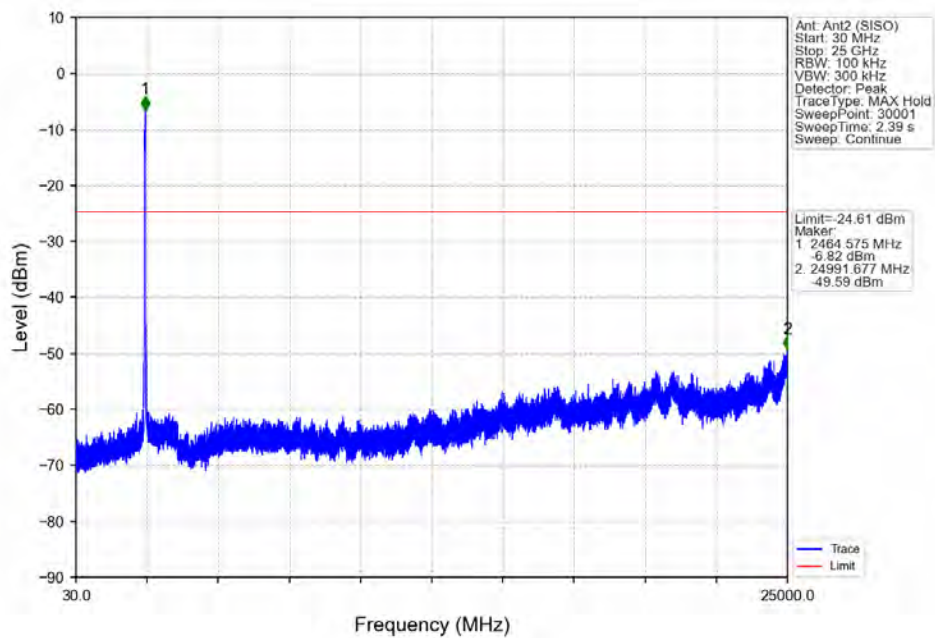
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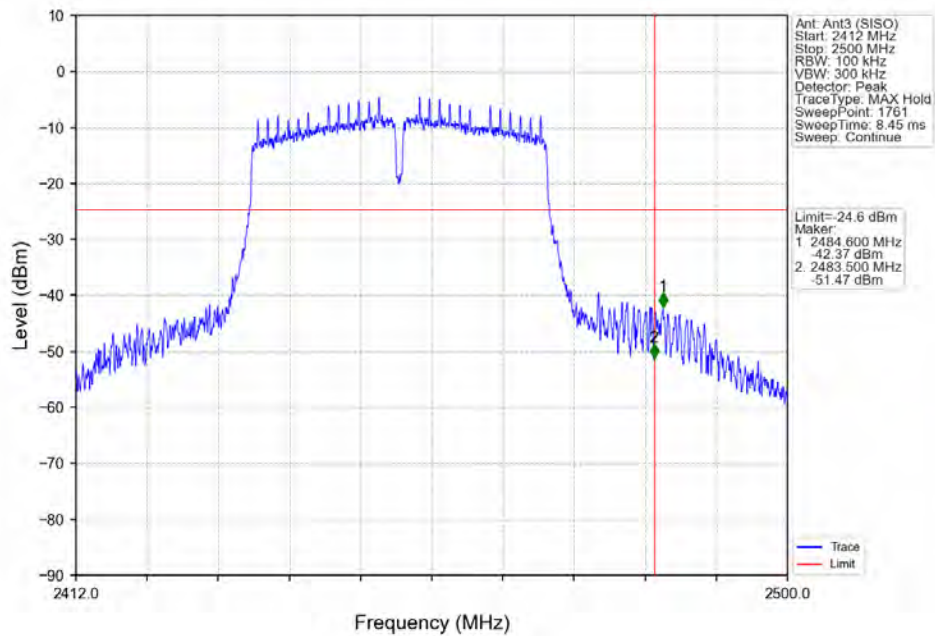
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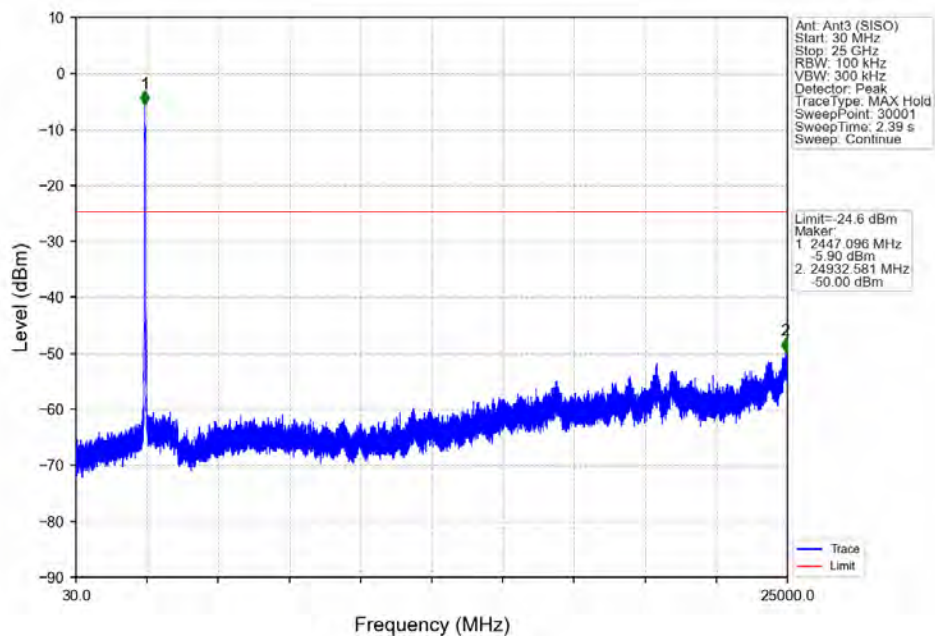
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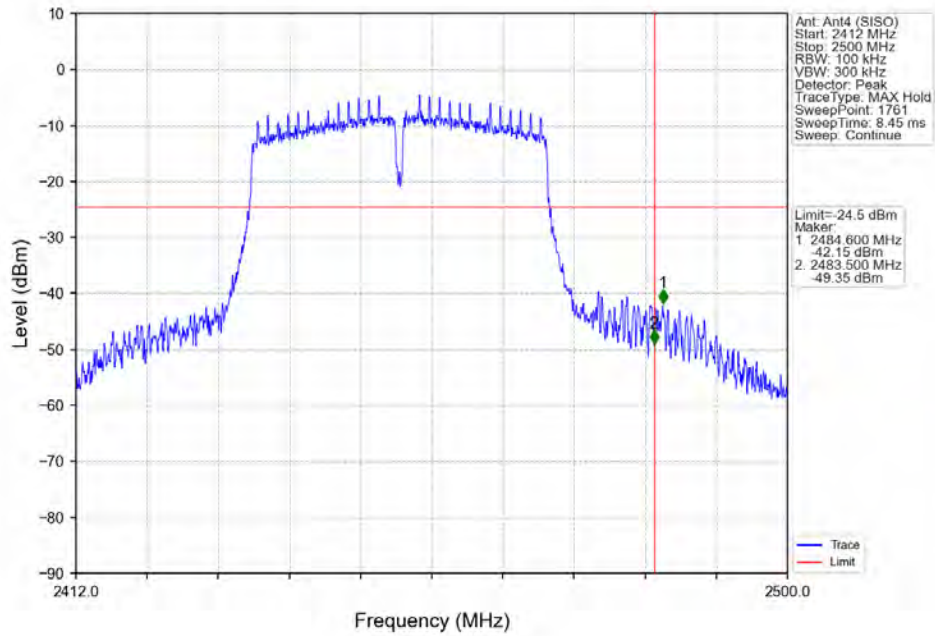
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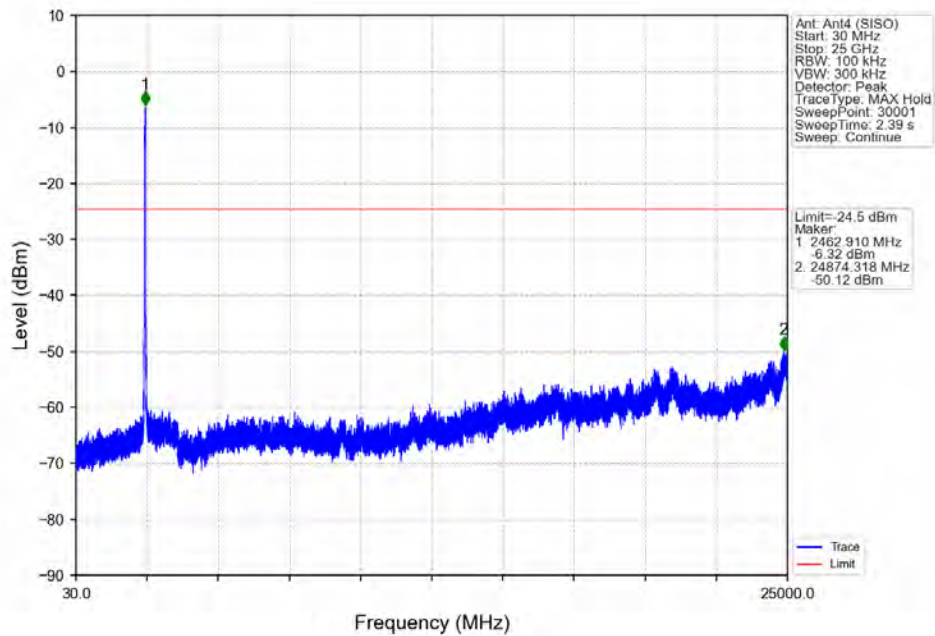
802.11n(HT40)_HCH_2452MHz_Ant3 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant4 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant4 (SISO)_NTNV



6. Form731

6.1 Form731

6.1.1 Test Result

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2412	2462	0.0429	16.32
2422	2452	0.0432	16.35



Test Report Number: BTF231115R00101



BTF Testing Lab (Shenzhen) Co., Ltd.

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-- END OF REPORT --