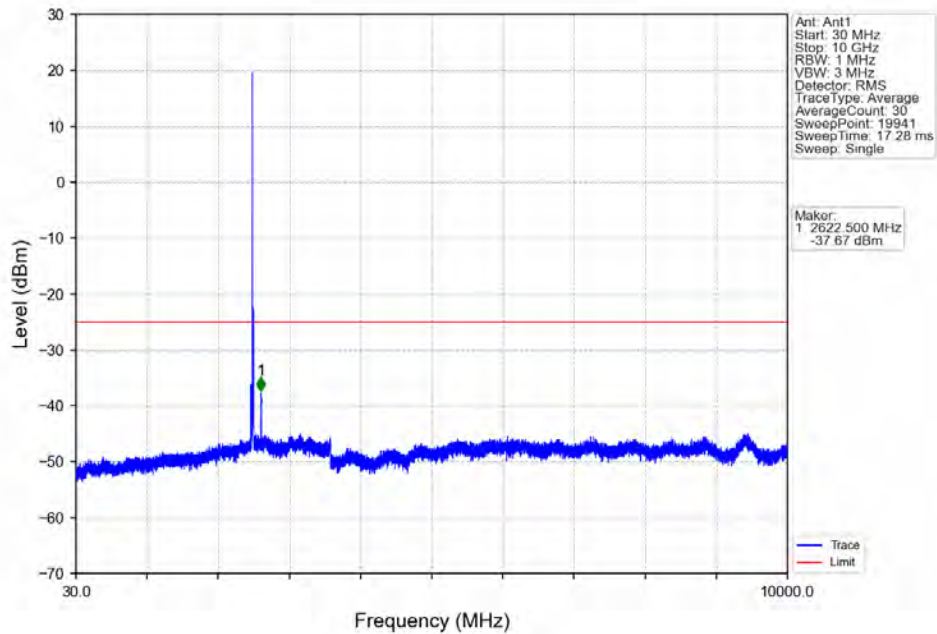


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Band7 10MHz 16QAM LCH 2505MHz RB 1 0 NTNV



Band7 10MHz 16QAM LCH 2505MHz RB 1 0 NTNV



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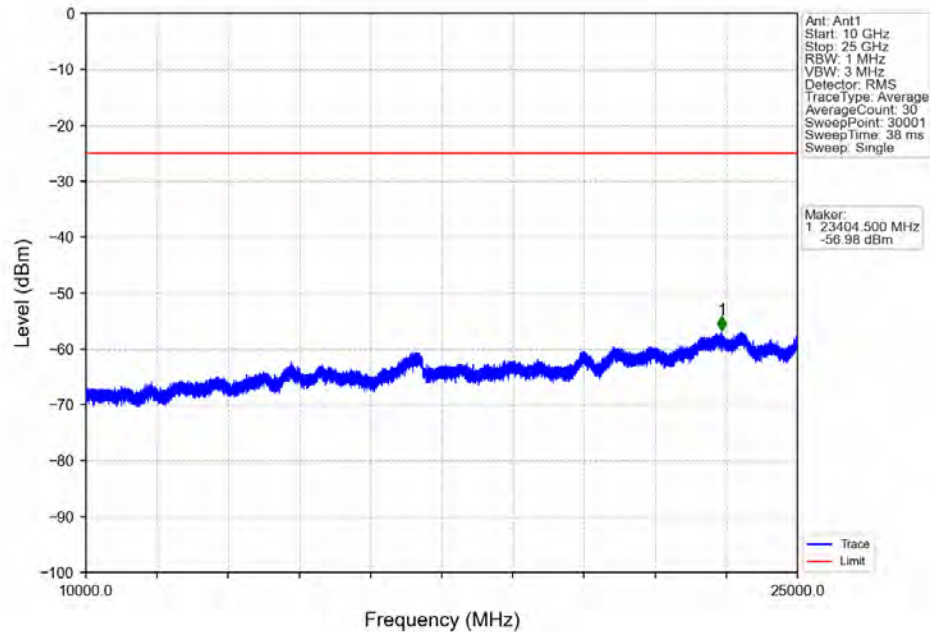
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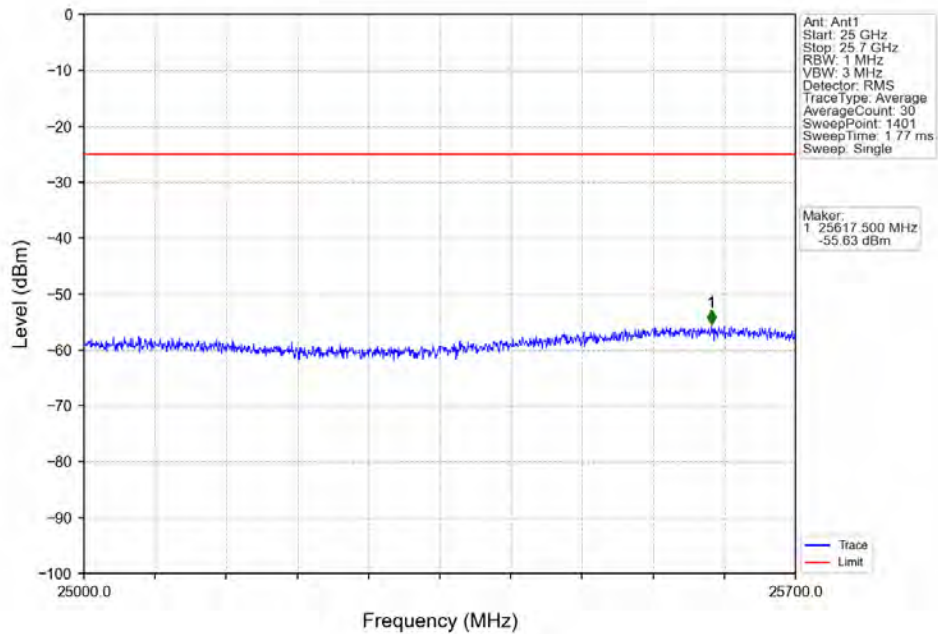
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Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



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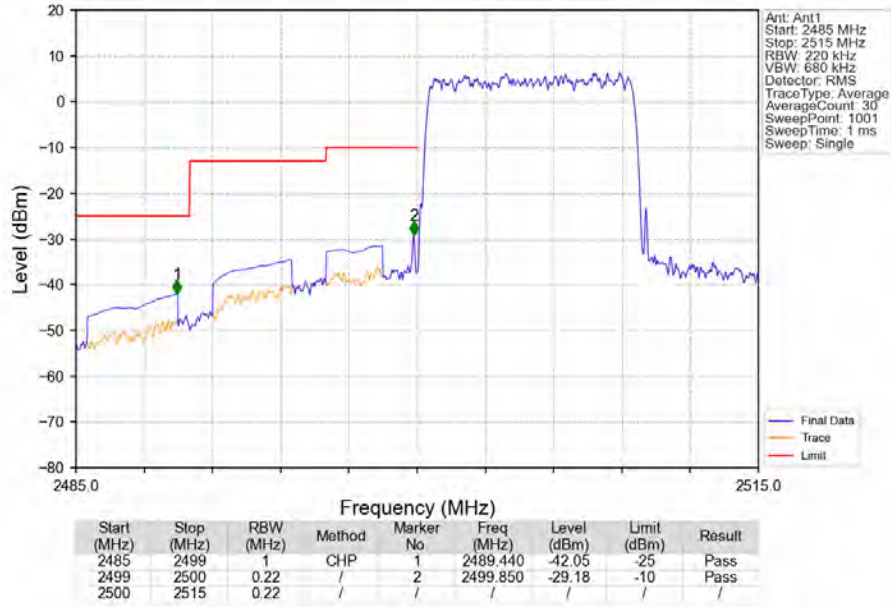
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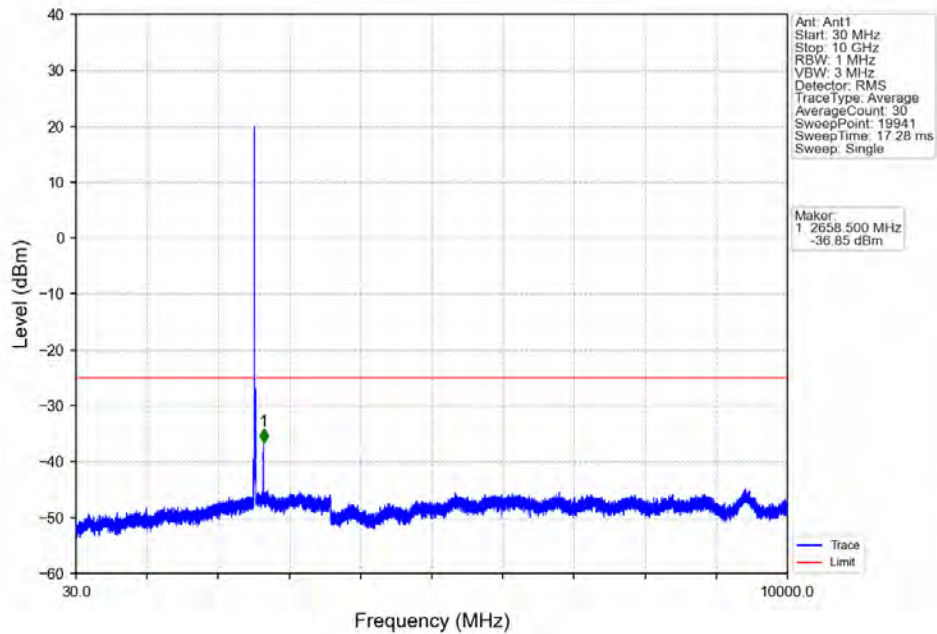
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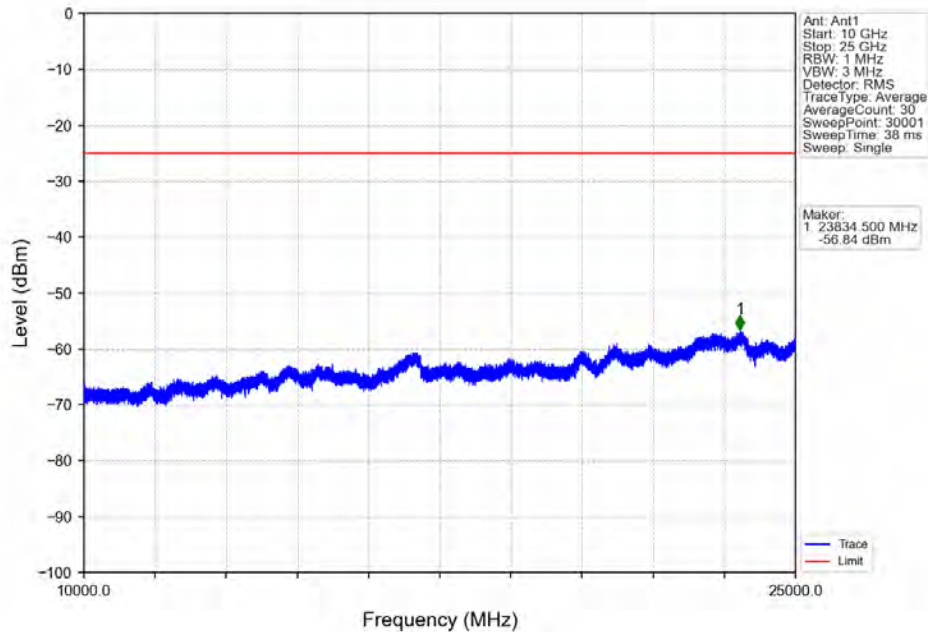
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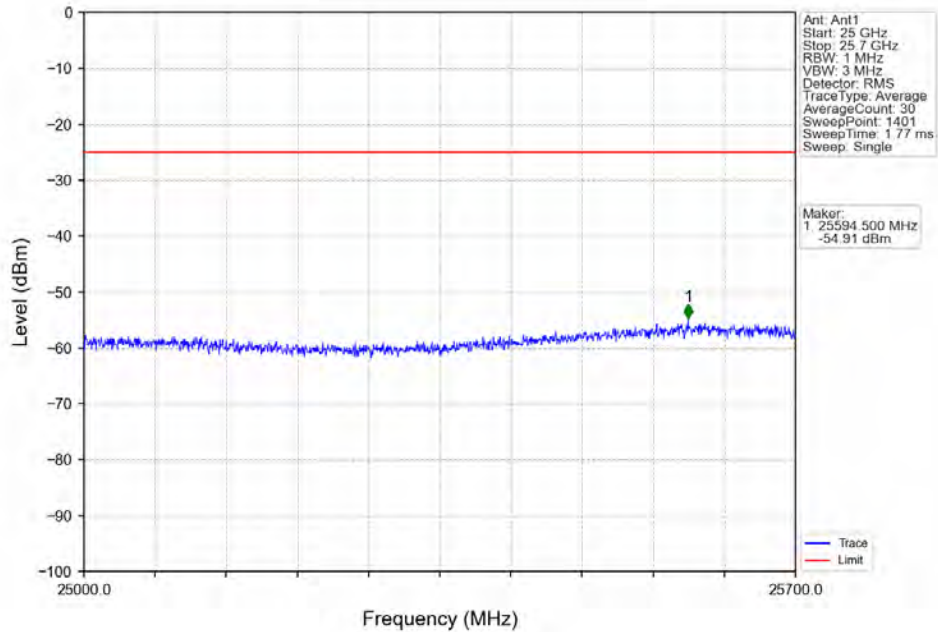
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Band7_10MHz_16QAM_HCH_2565MHz_RB_1_0_NTNV



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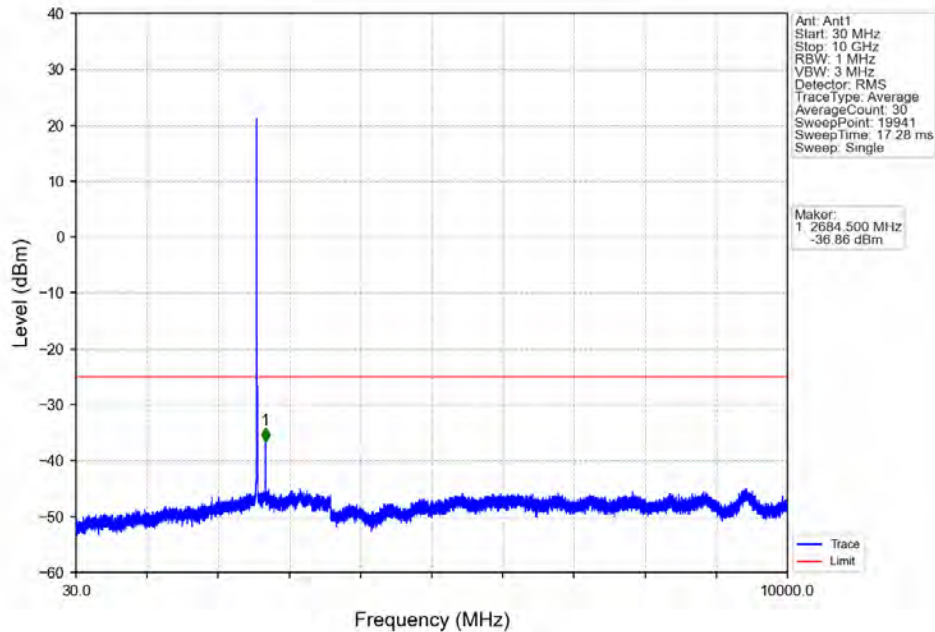
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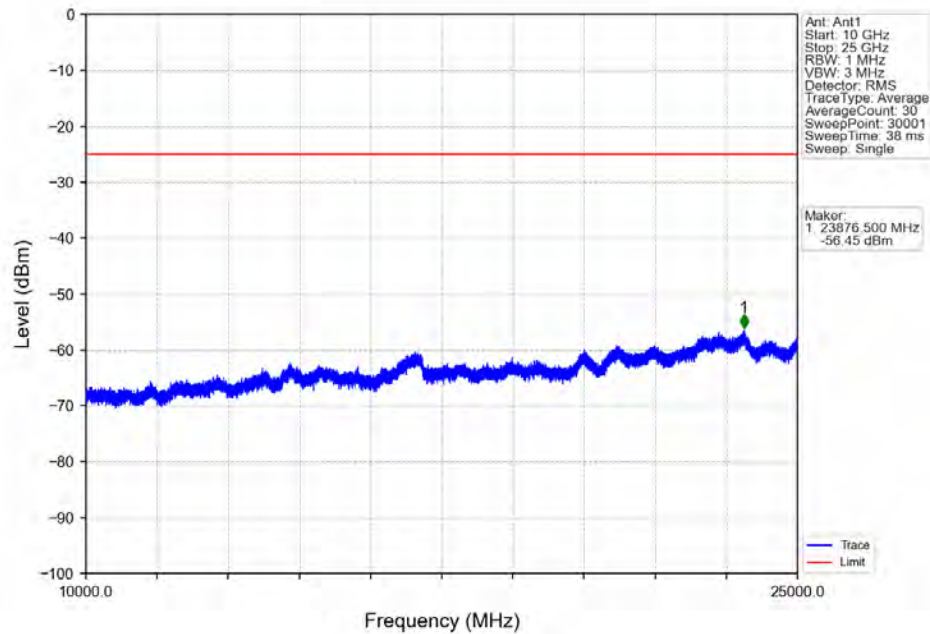
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Band7 10MHz 16QAM HCH 2565MHz RB 1 0 NTNV



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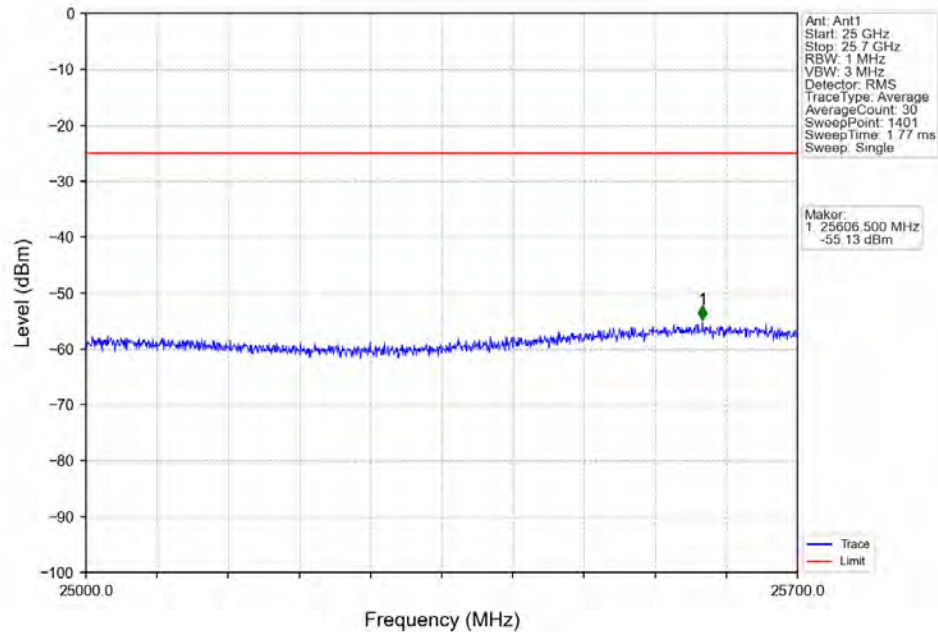
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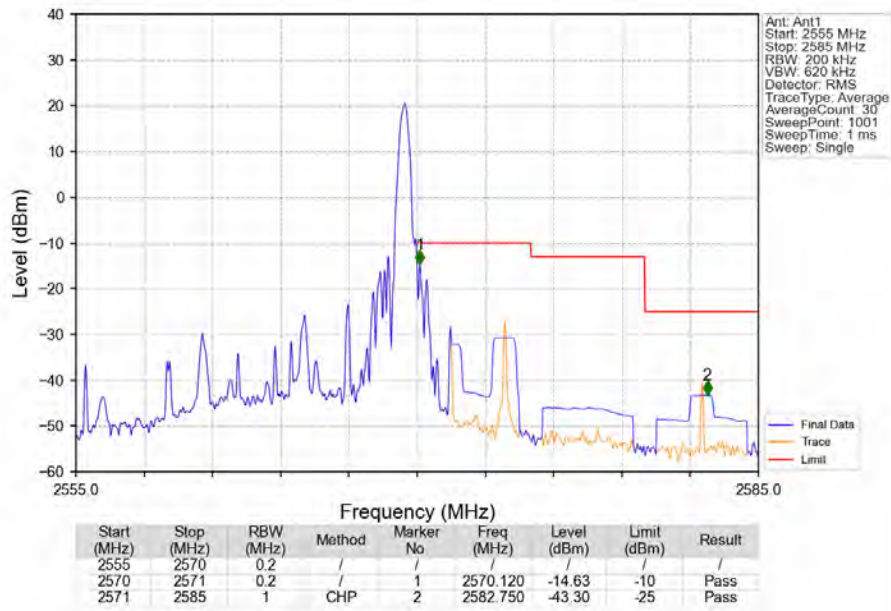
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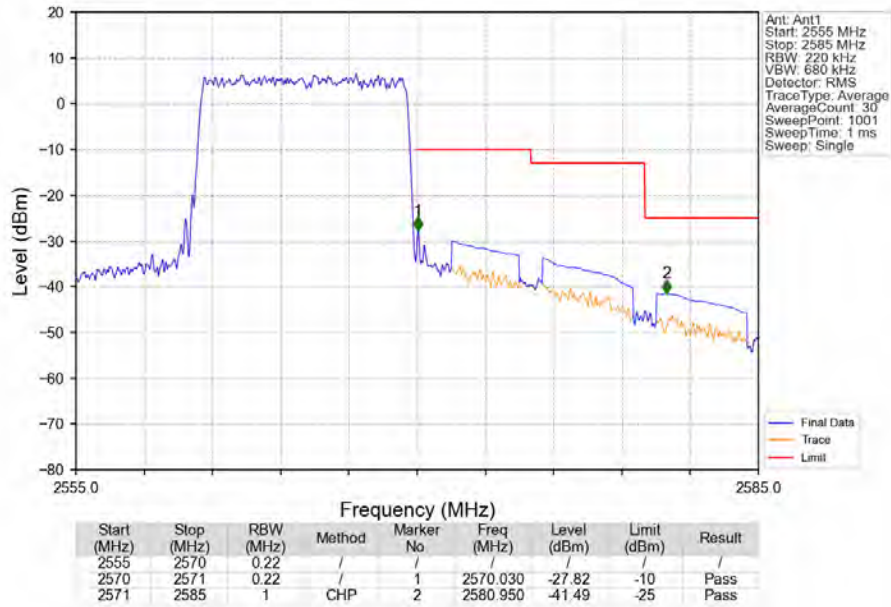
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5.3 B7_15MHz

5.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass



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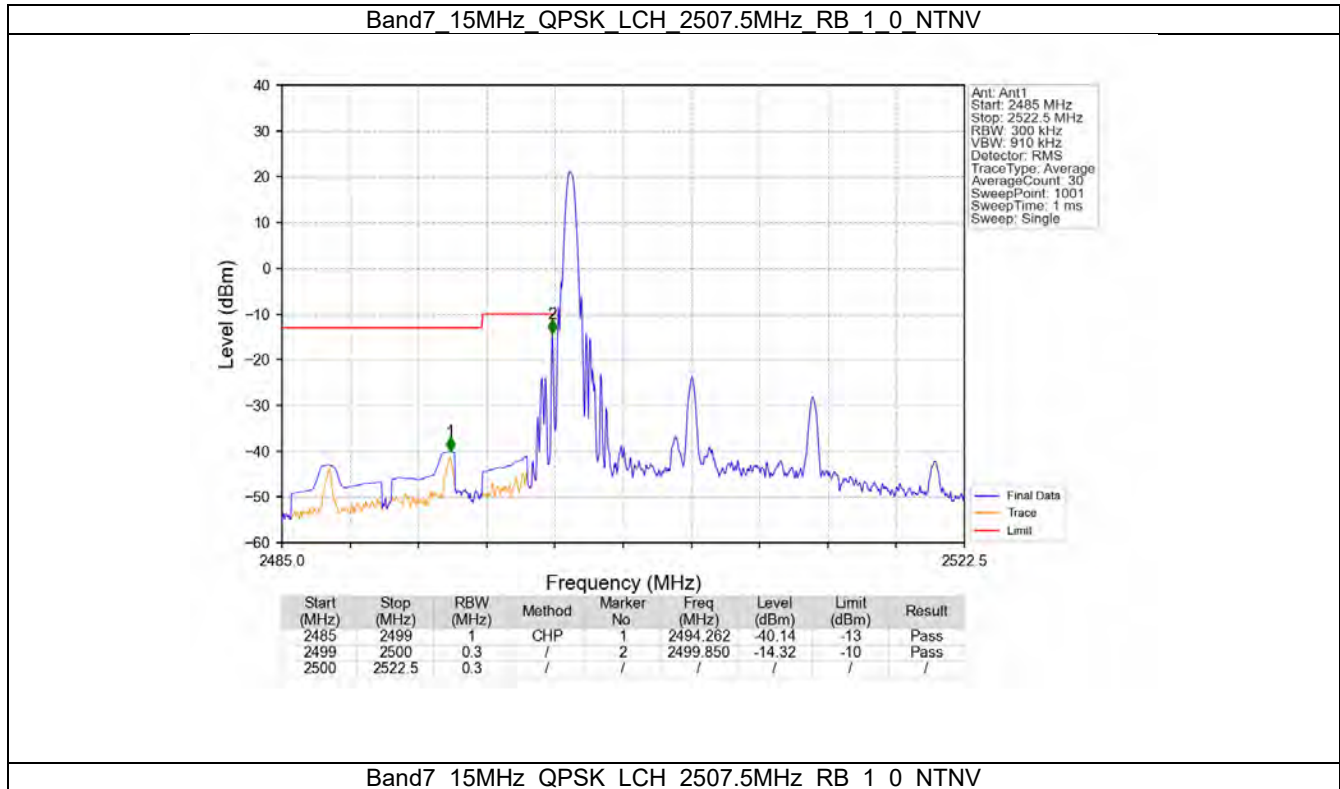
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5.3.2 Test Graph



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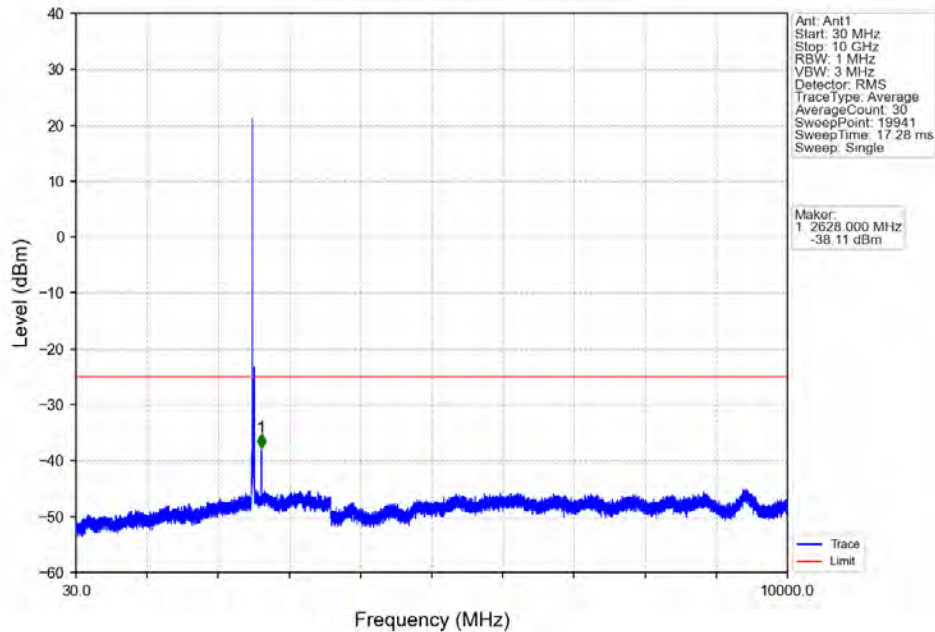
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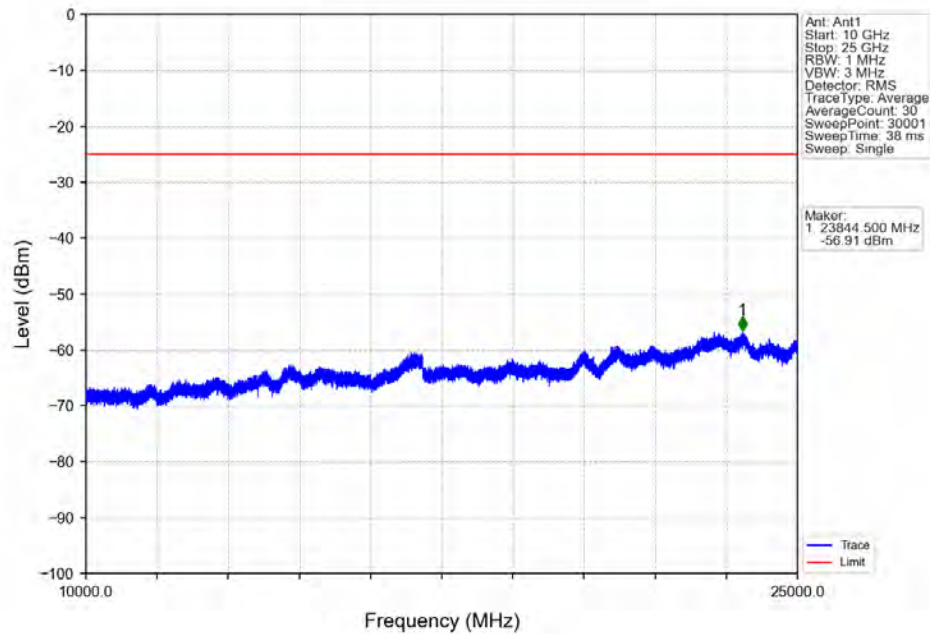
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Band7 15MHz QPSK LCH 2507.5MHz RB 1_0 NTNV



Band7 15MHz QPSK LCH 2507.5MHz RB 1_0 NTNV



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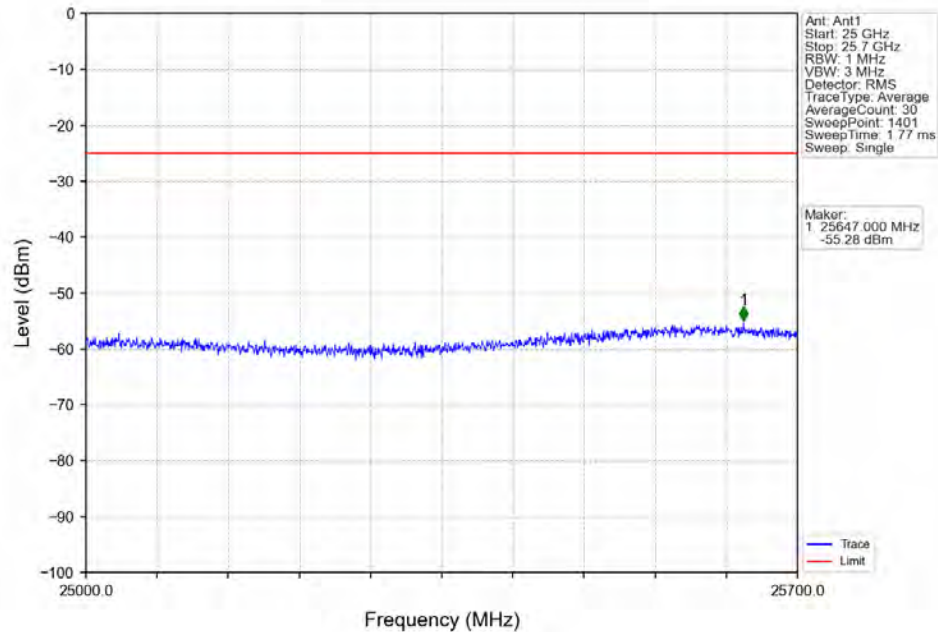
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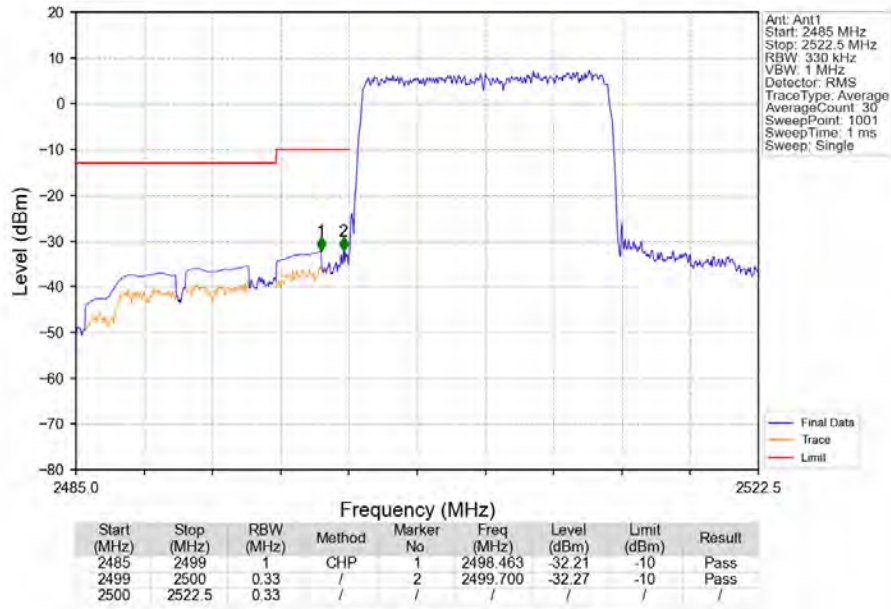
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Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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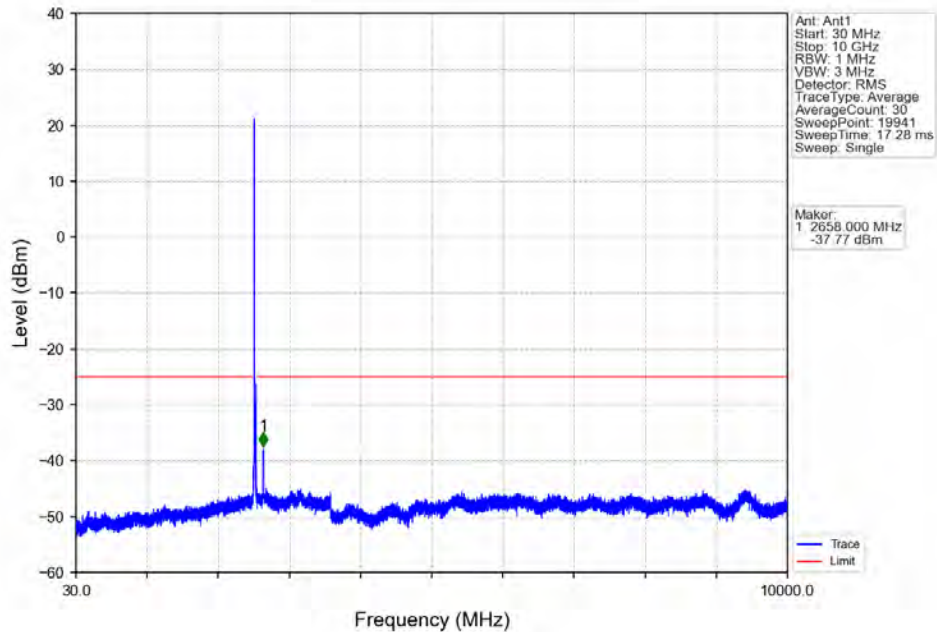
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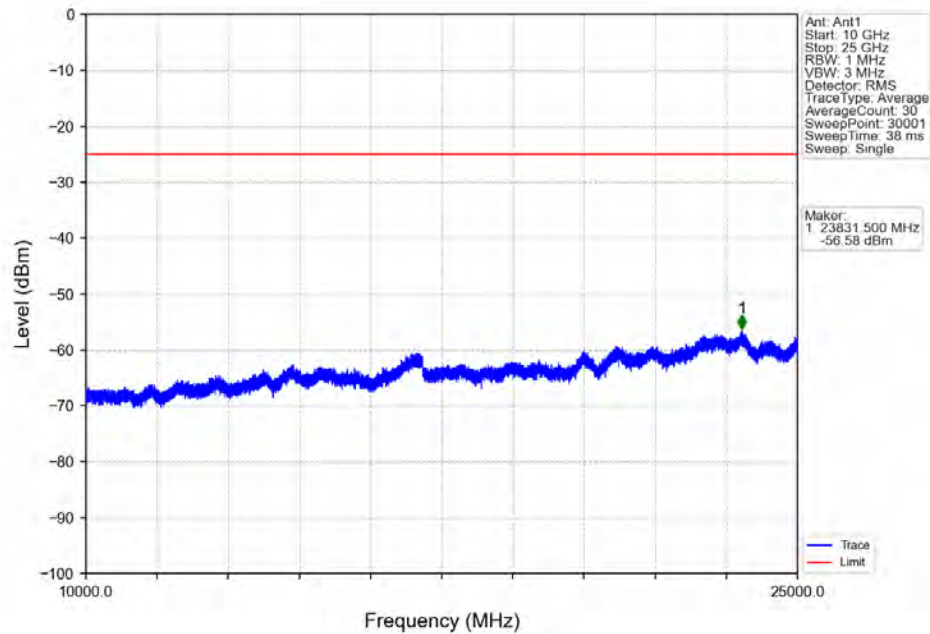
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Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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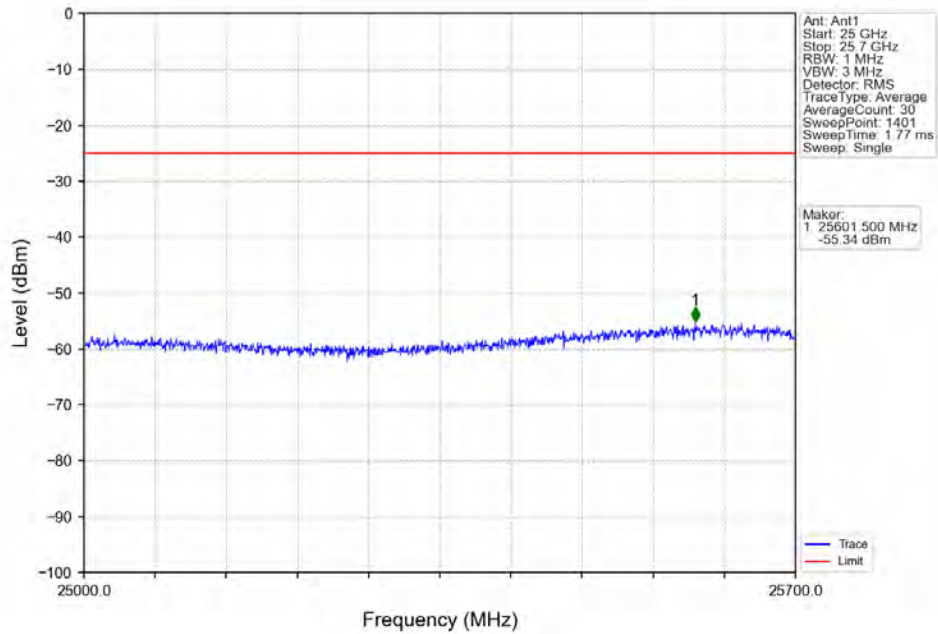
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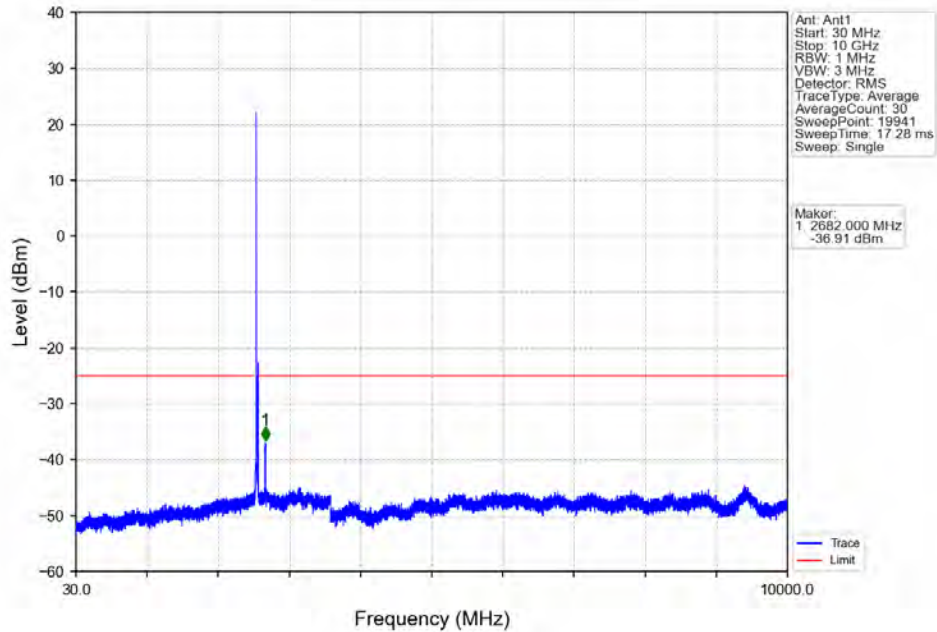
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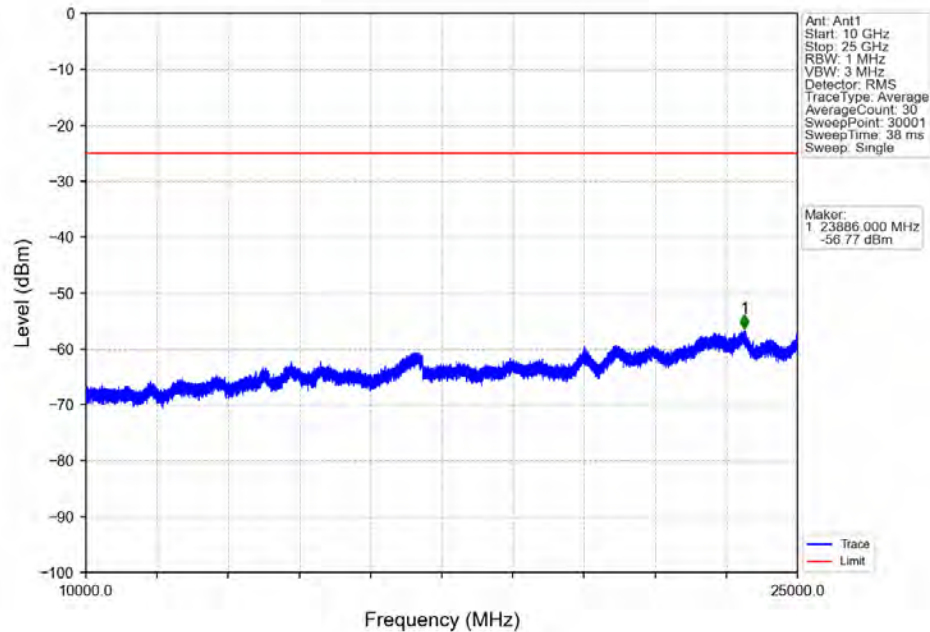
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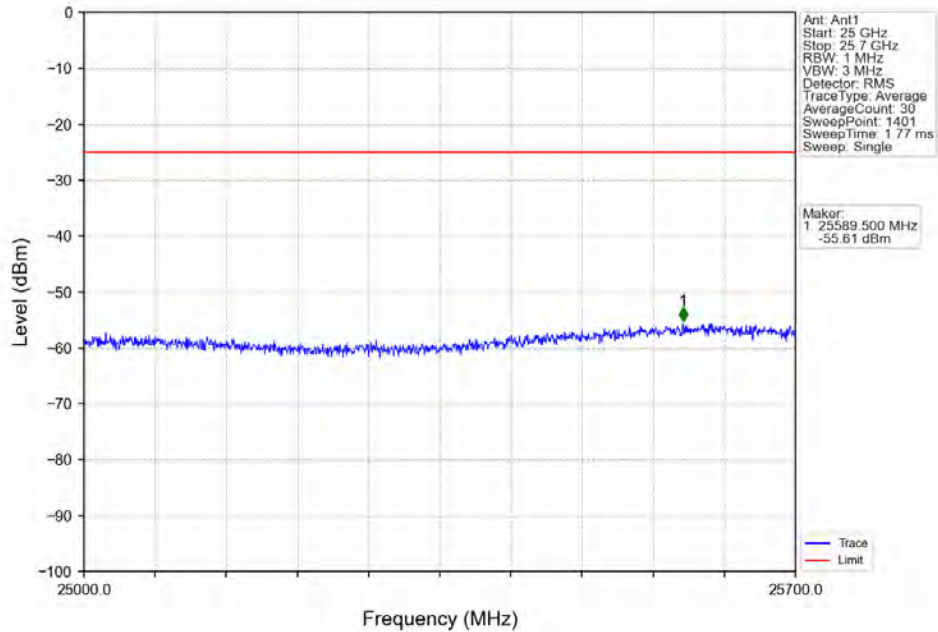
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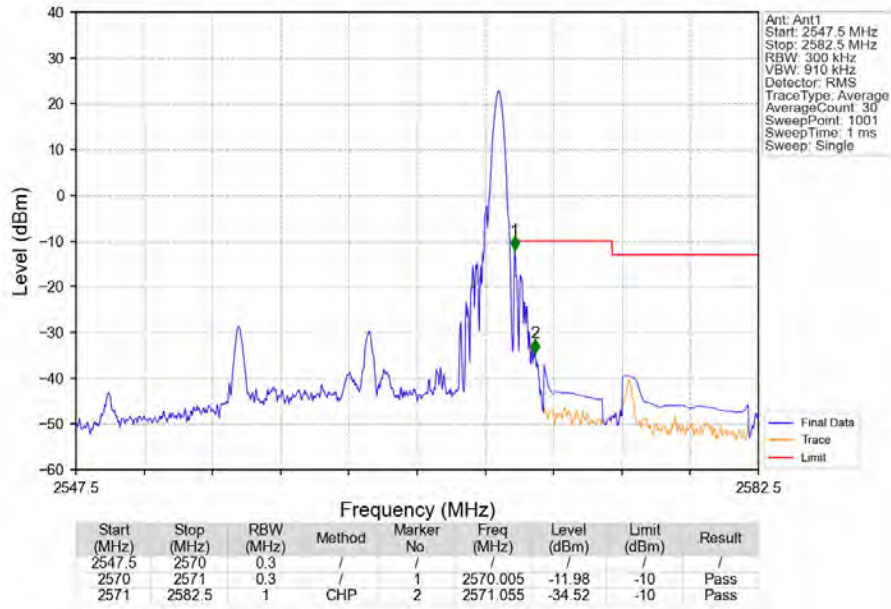
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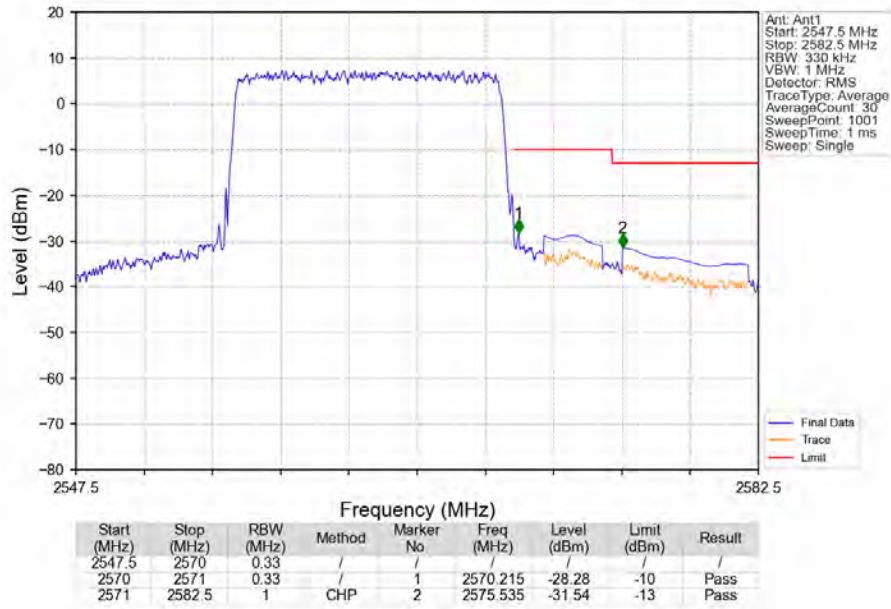
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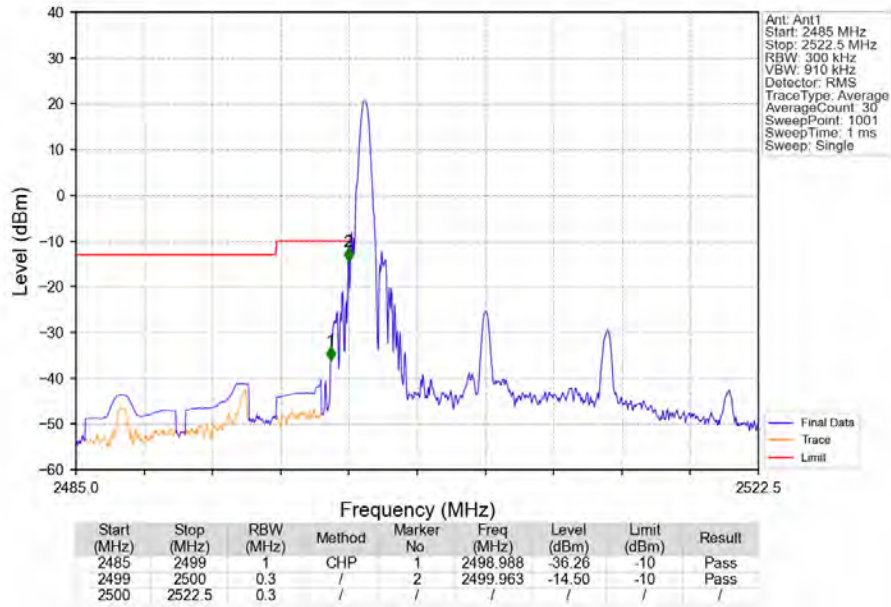
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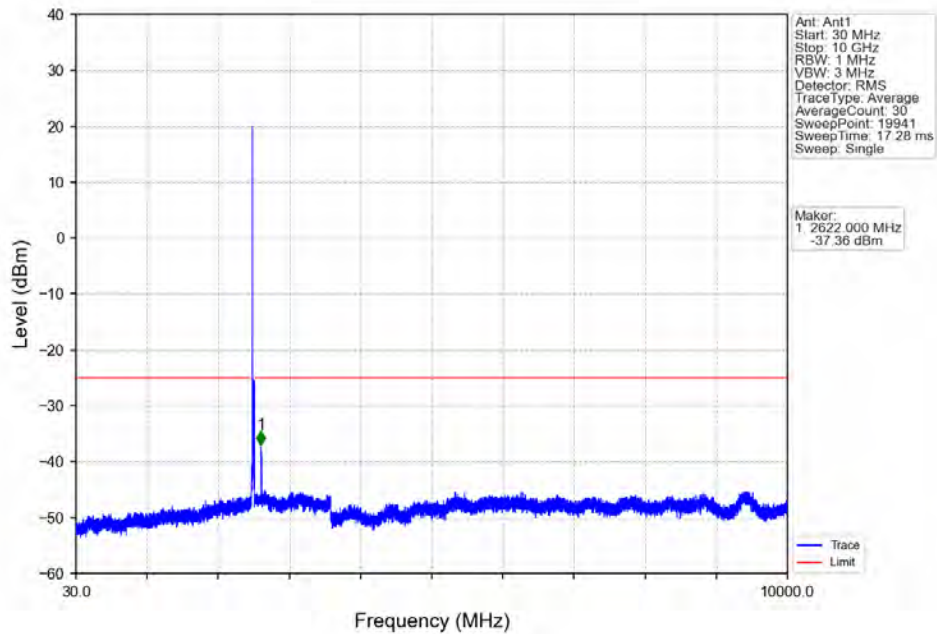
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Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



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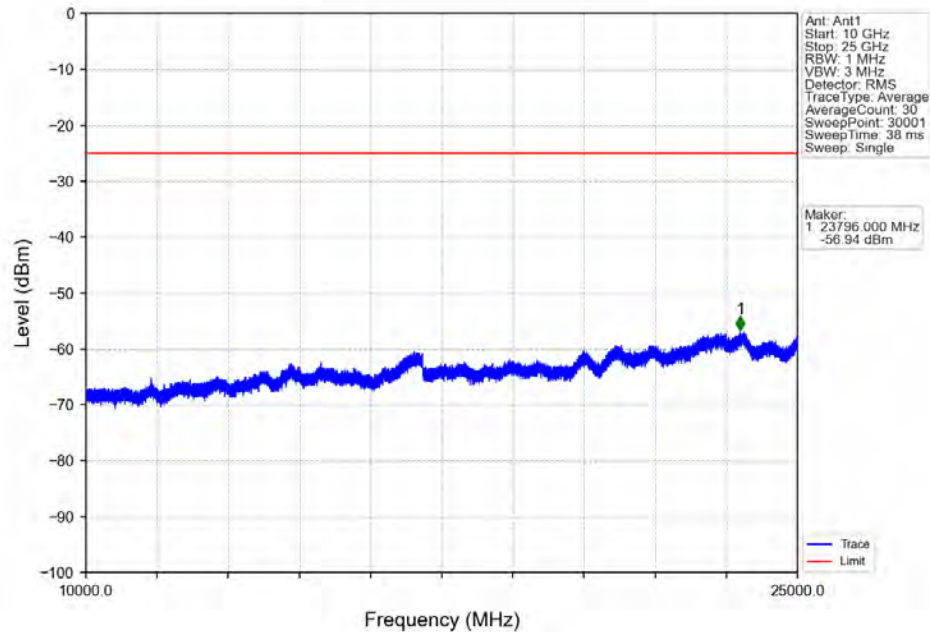
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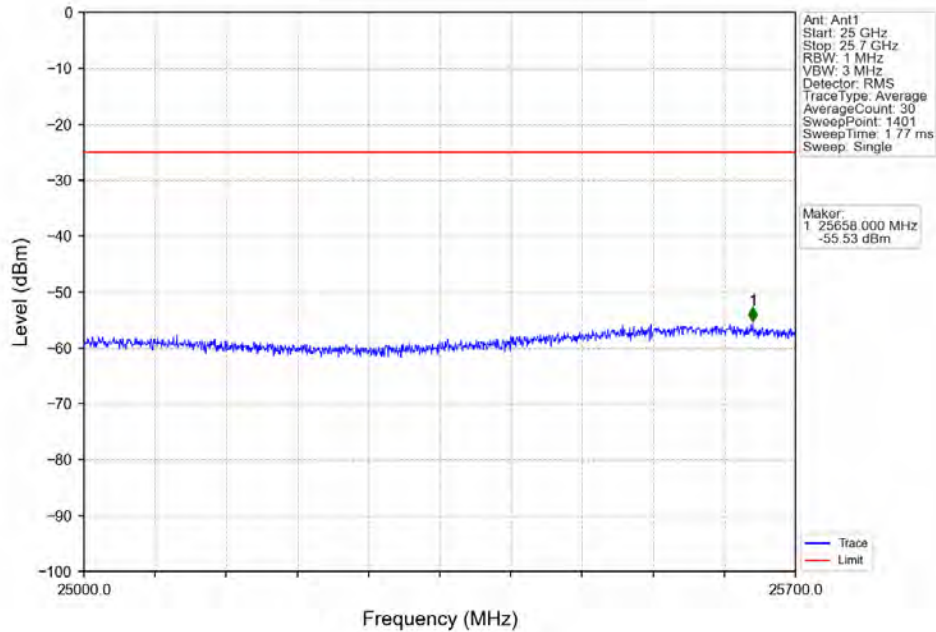
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Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



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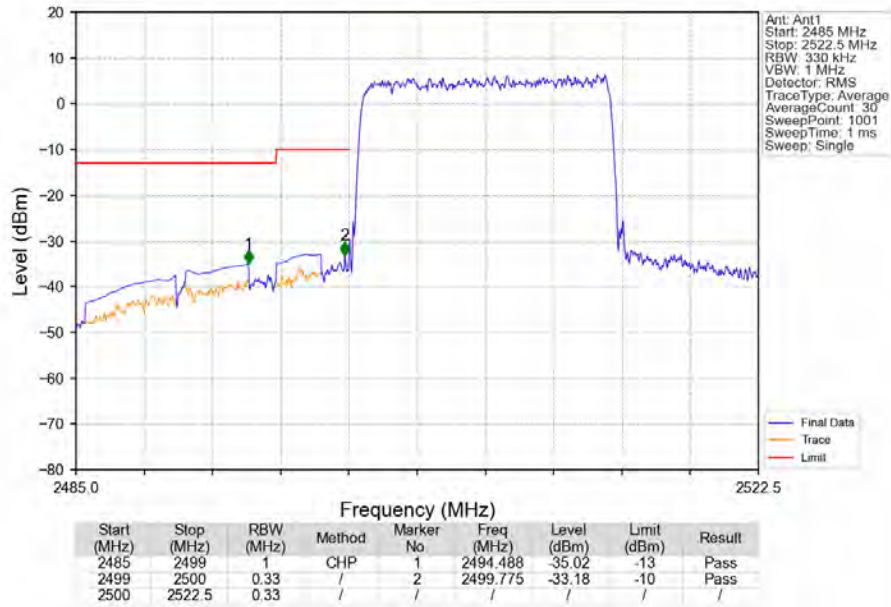
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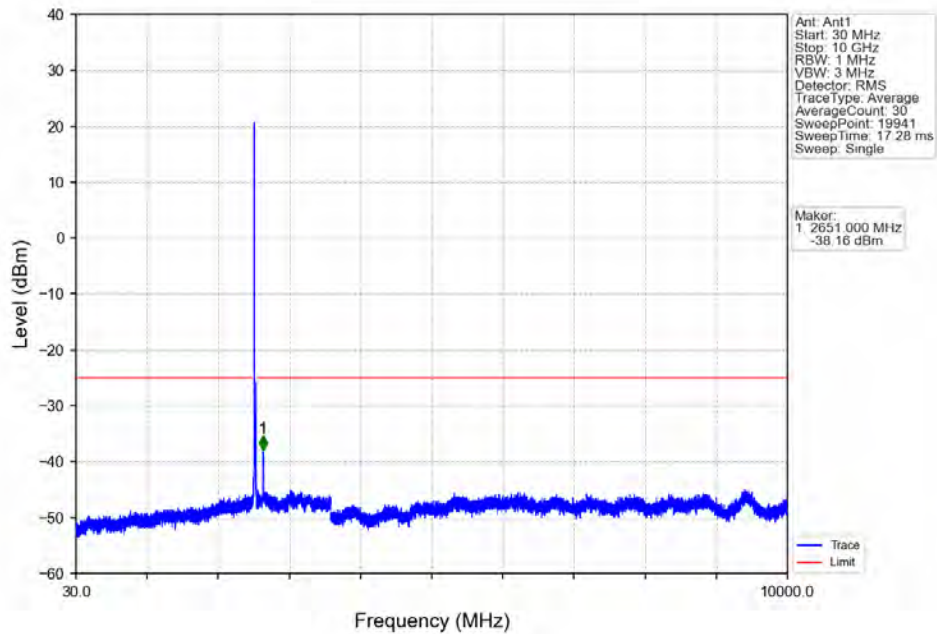
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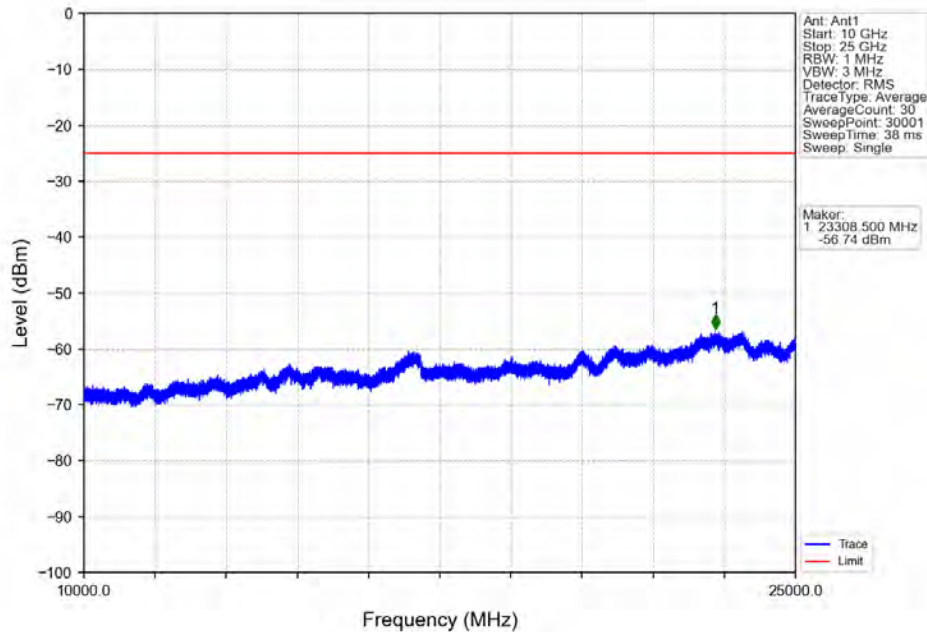
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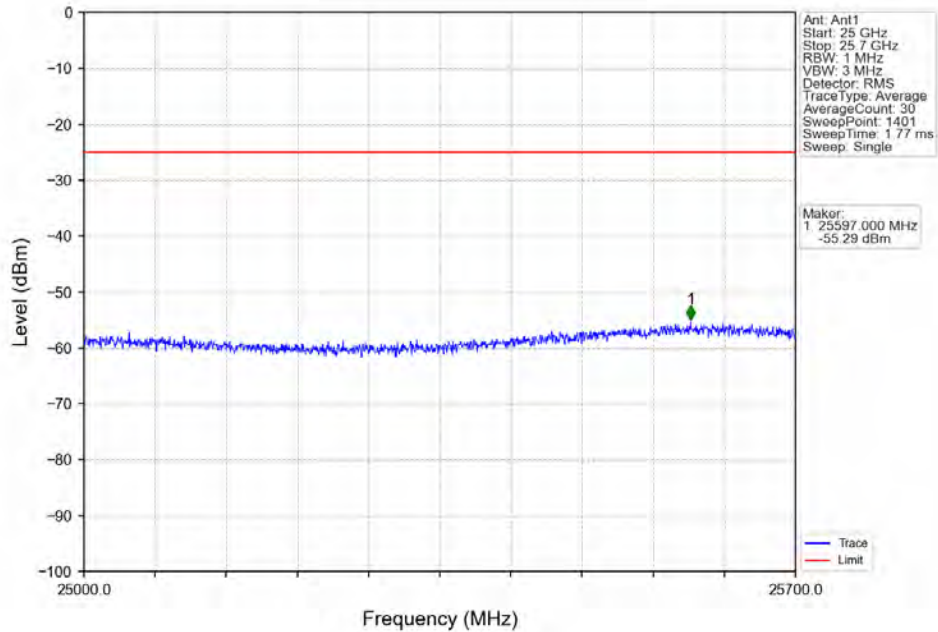
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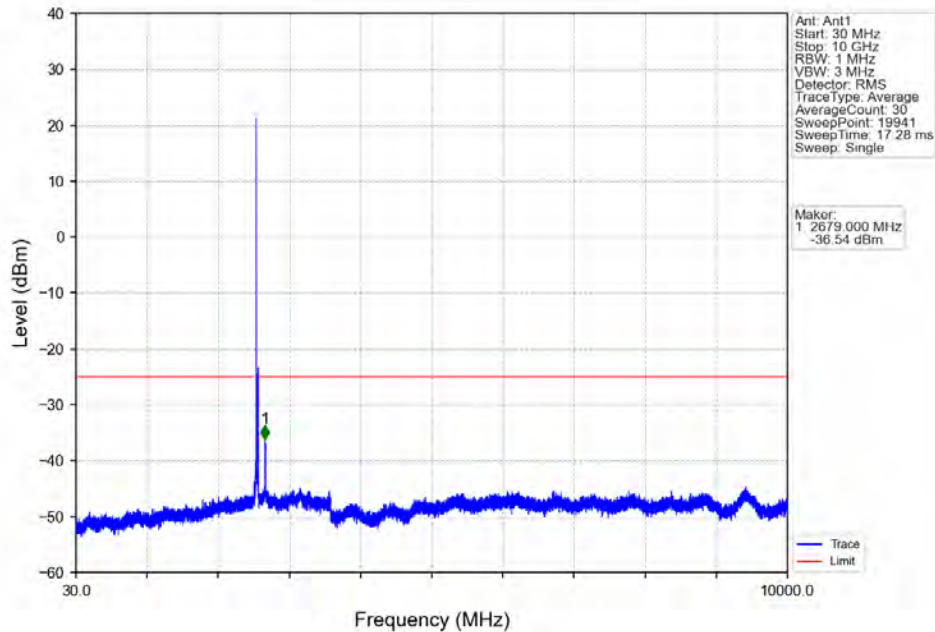
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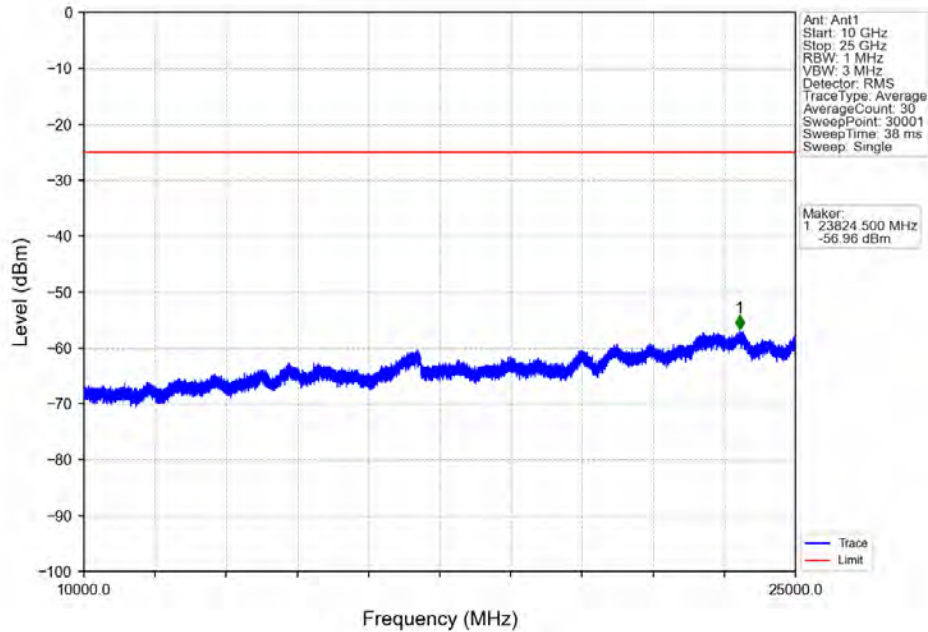
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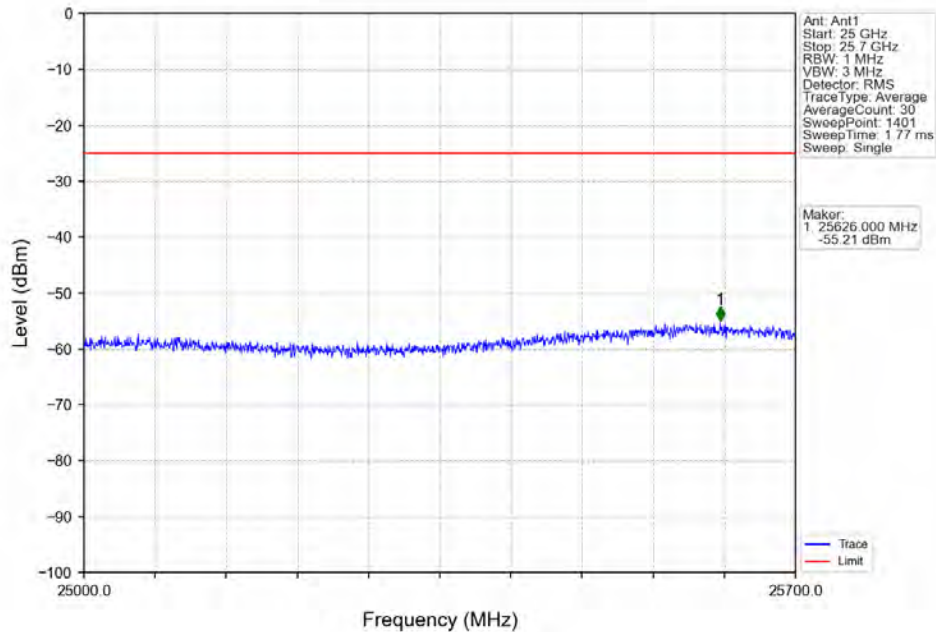
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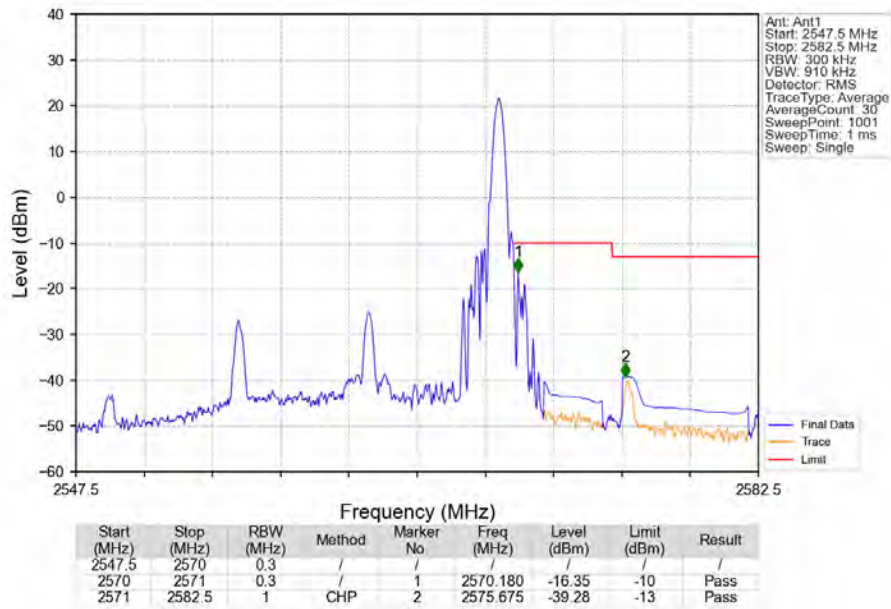
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Band7 15MHz 16QAM HCH 2562.5MHz RB 1 74 NTN



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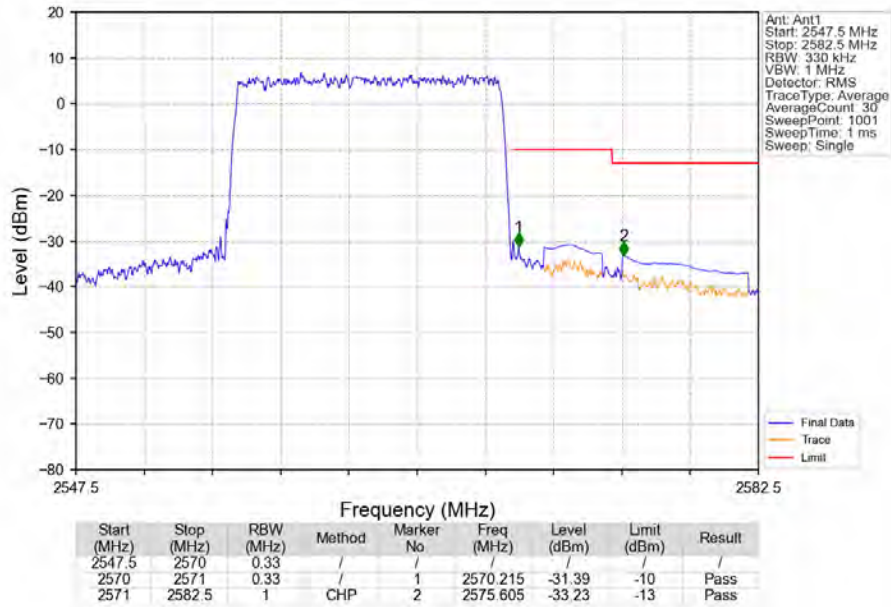
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5.4 B7_20MHz

5.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass



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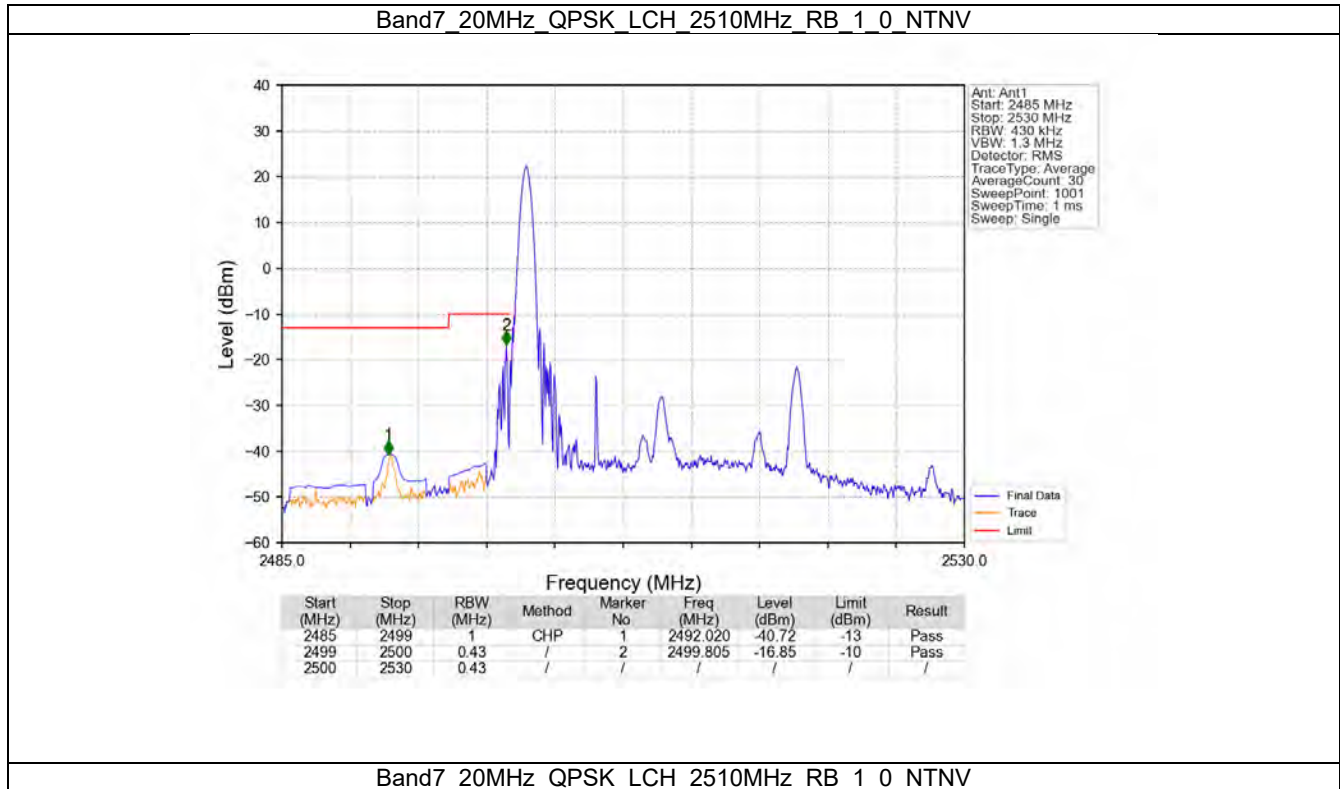
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5.4.2 Test Graph



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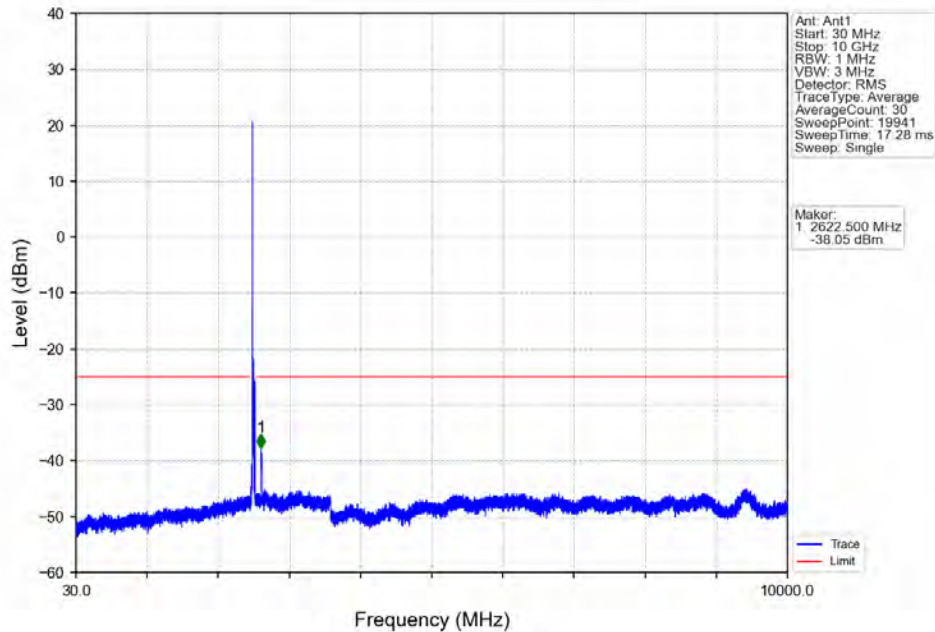
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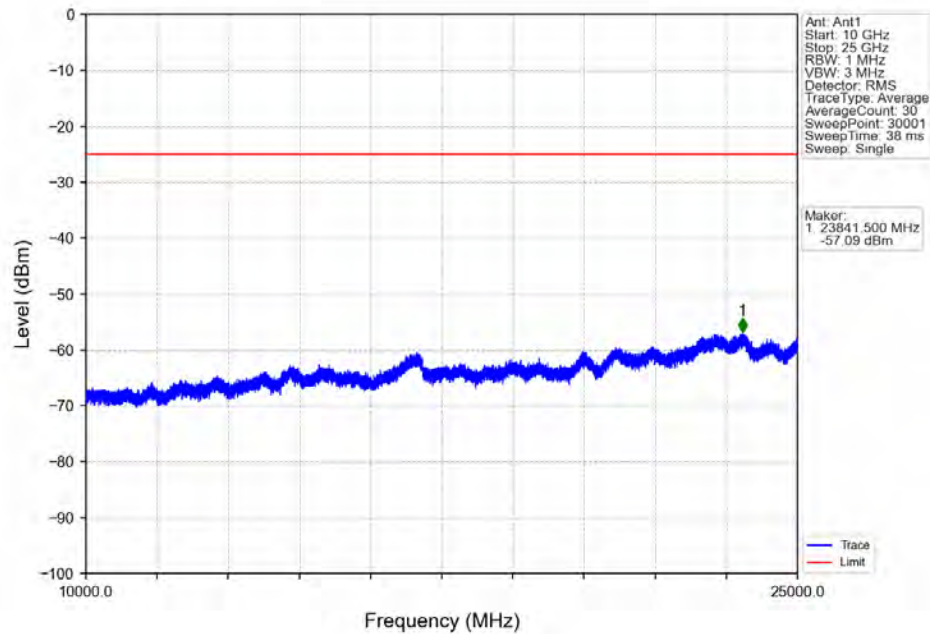
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Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



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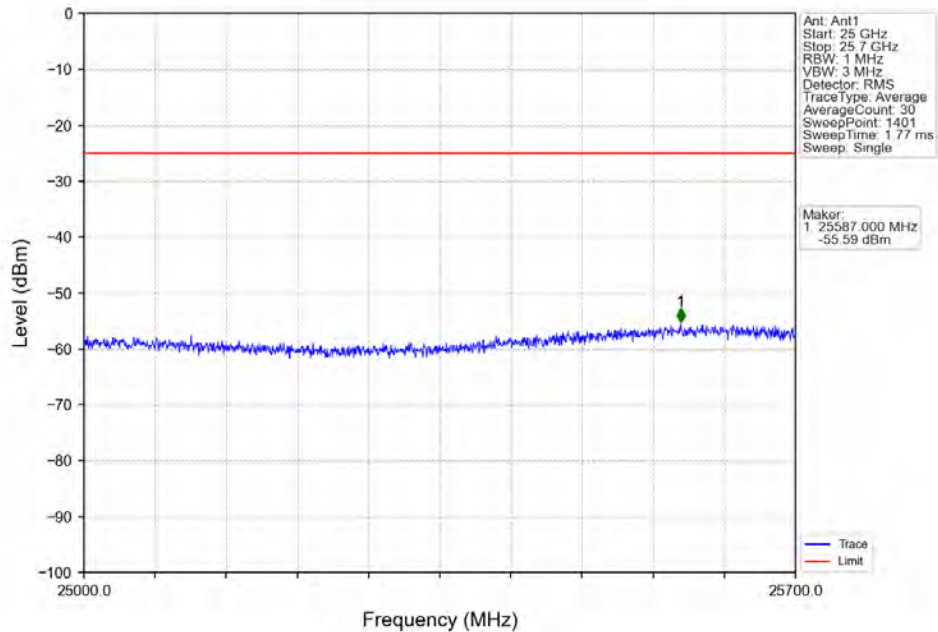
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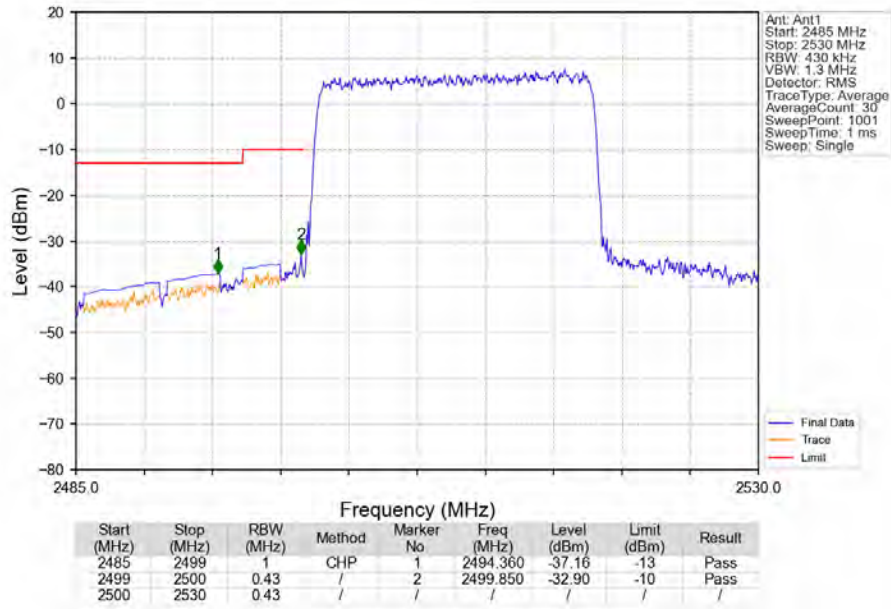
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Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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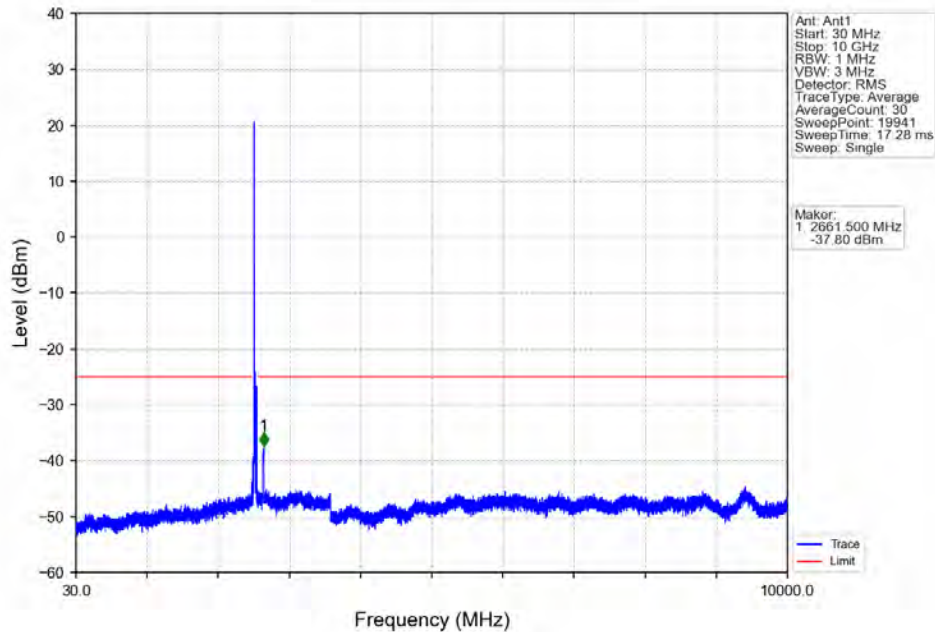
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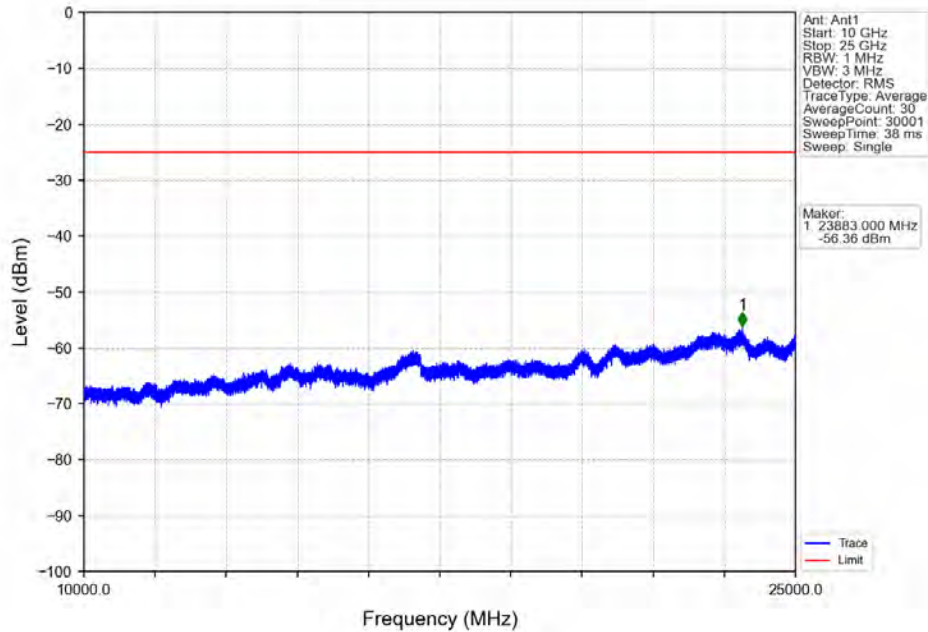
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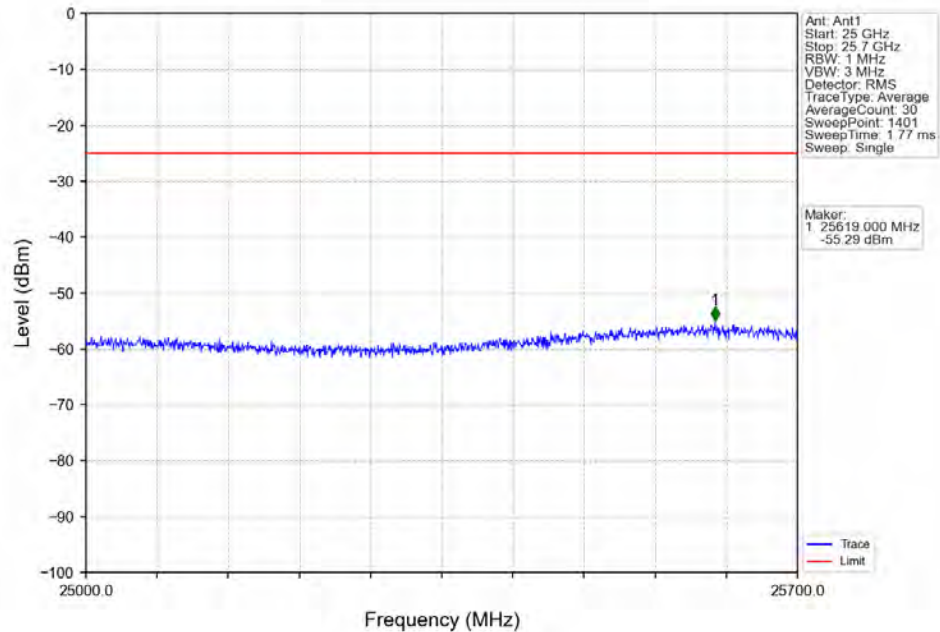
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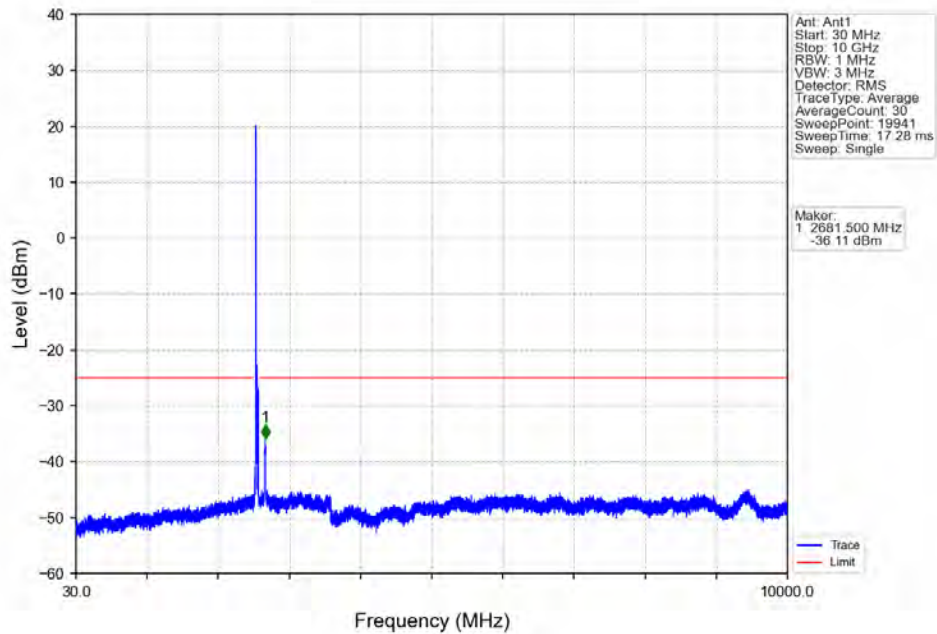
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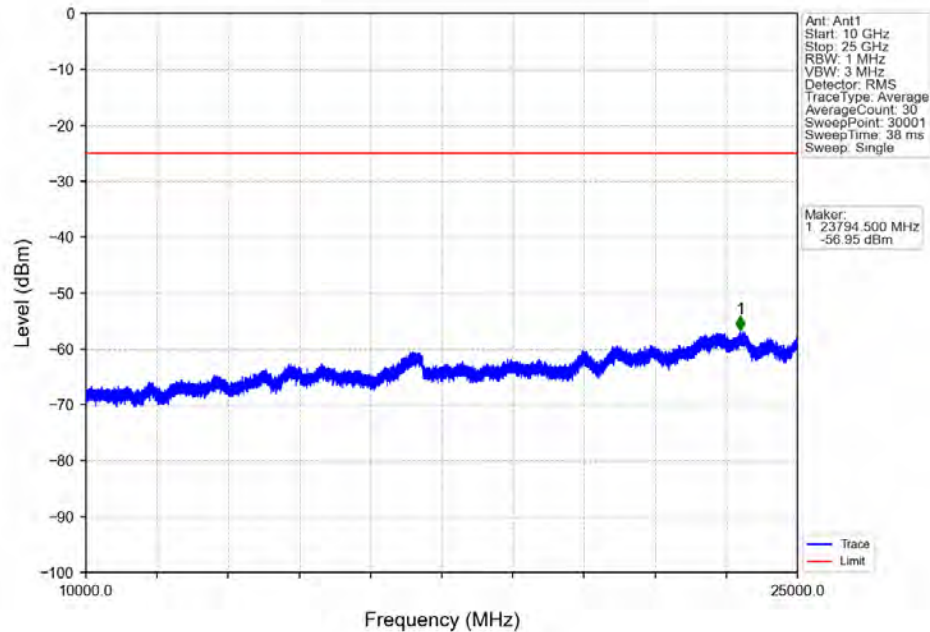
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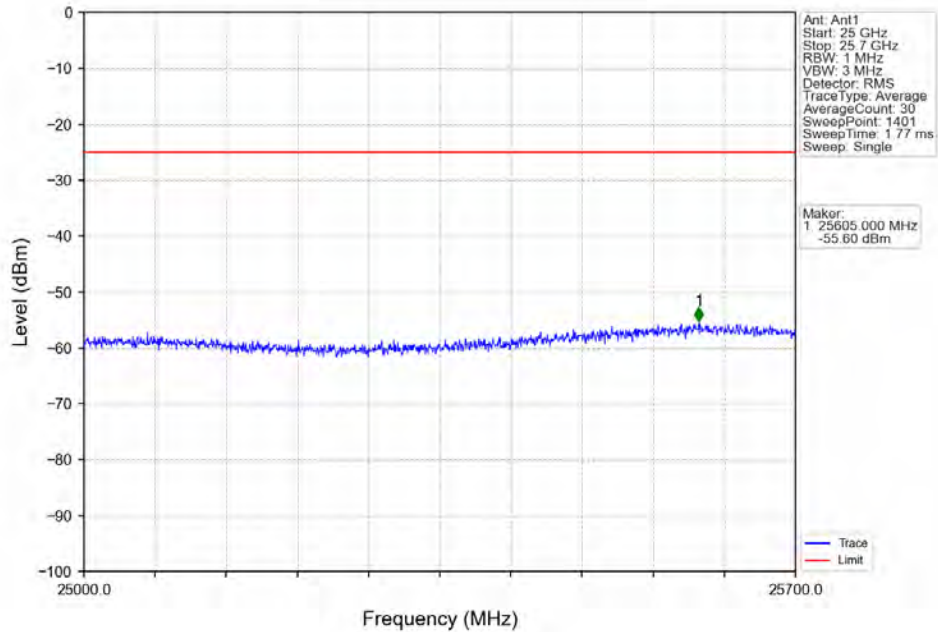
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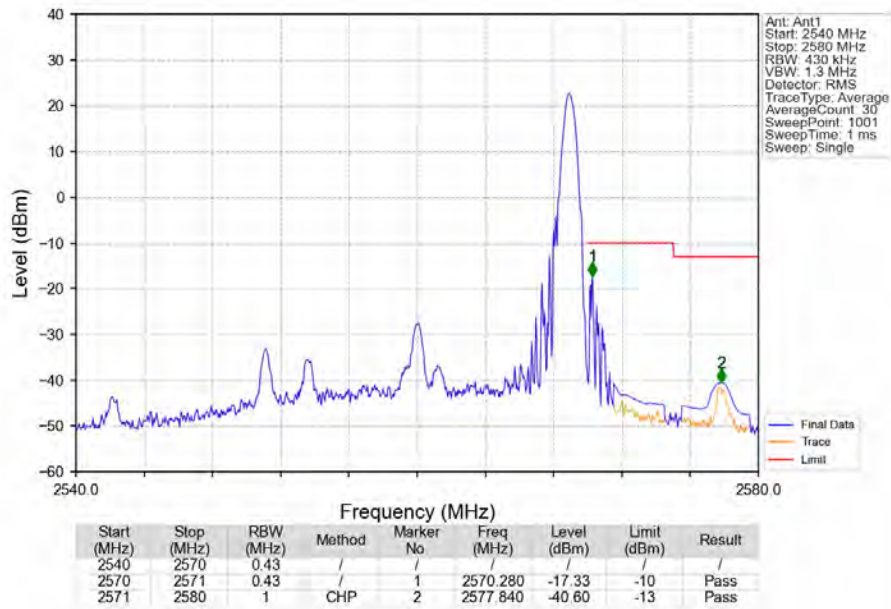
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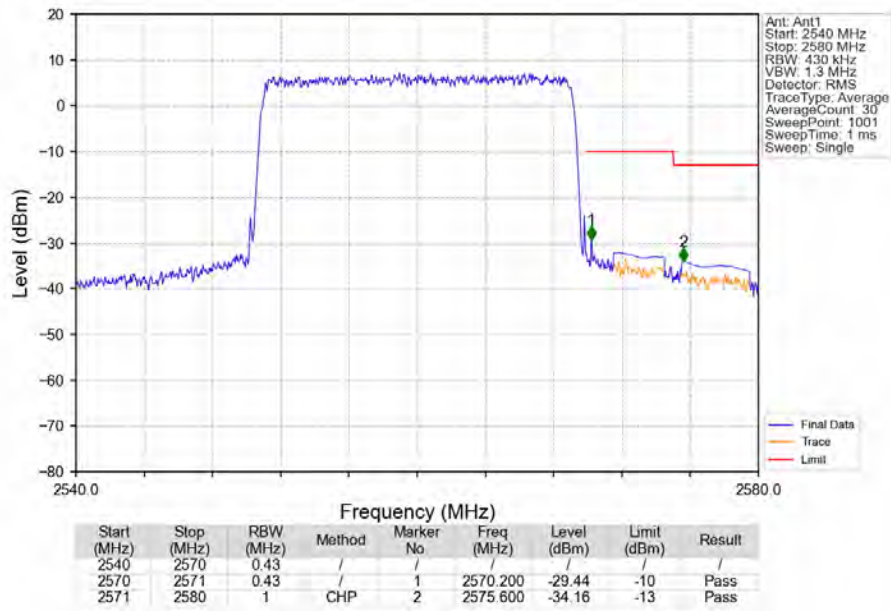
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Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



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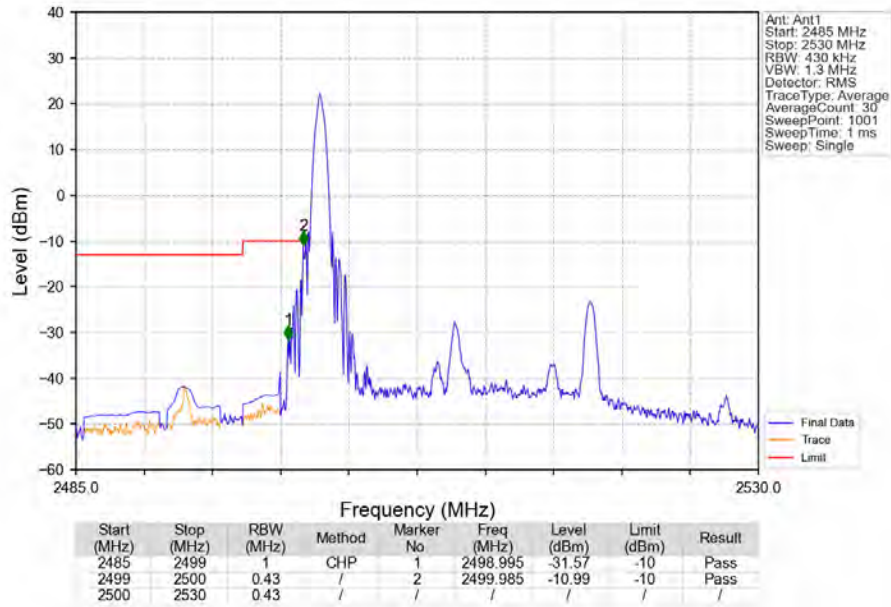
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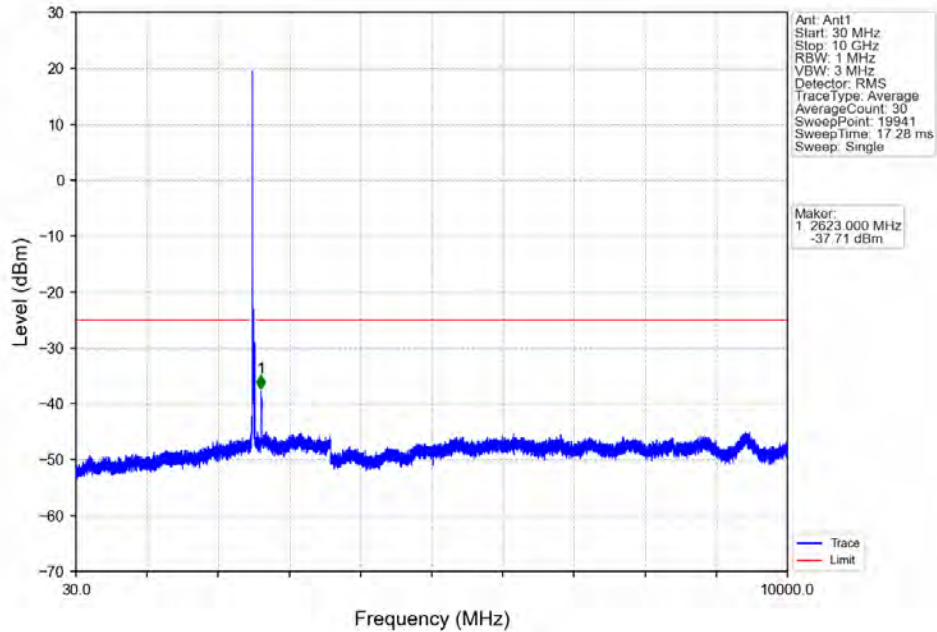
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Band7 20MHz 16QAM LCH 2510MHz RB 1 0 NTNV



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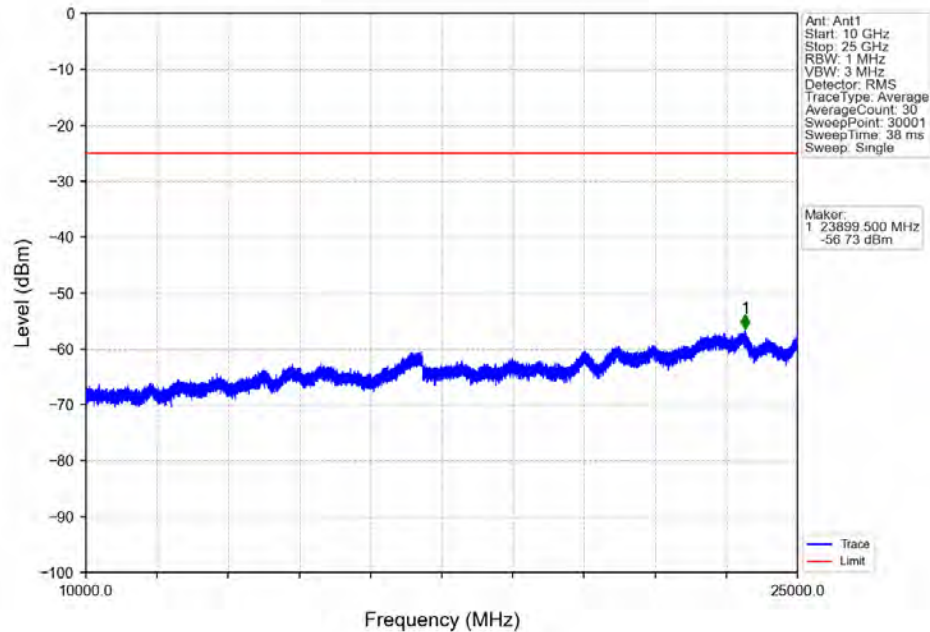
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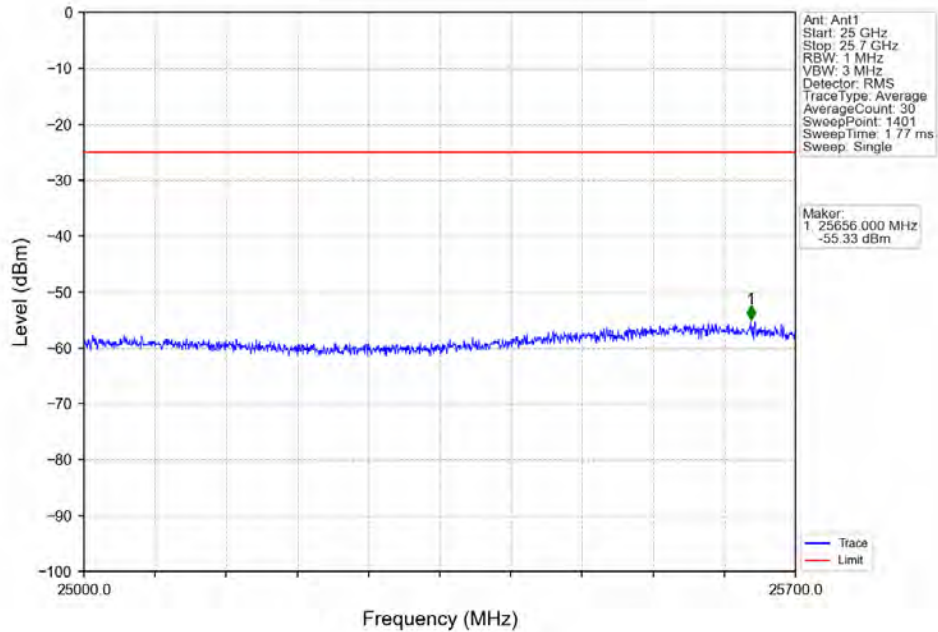
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Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



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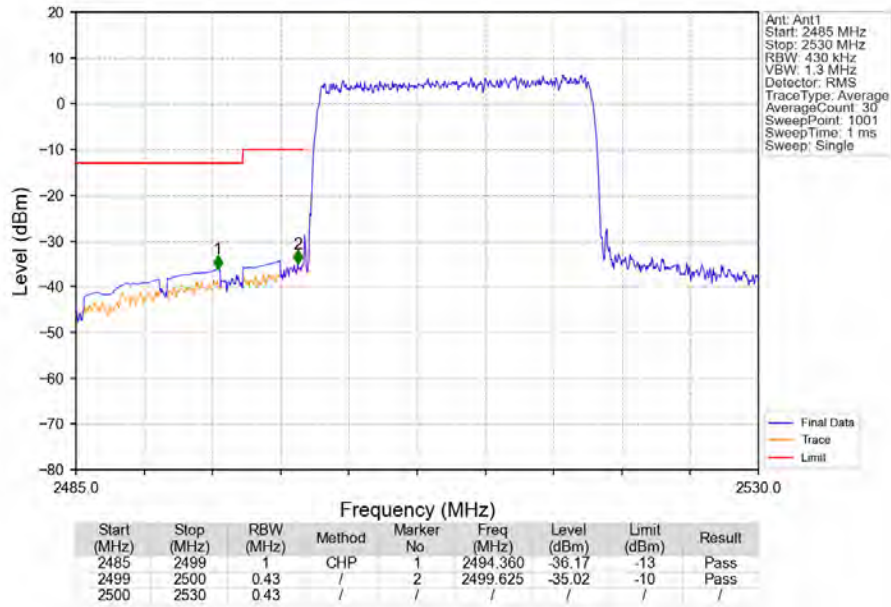
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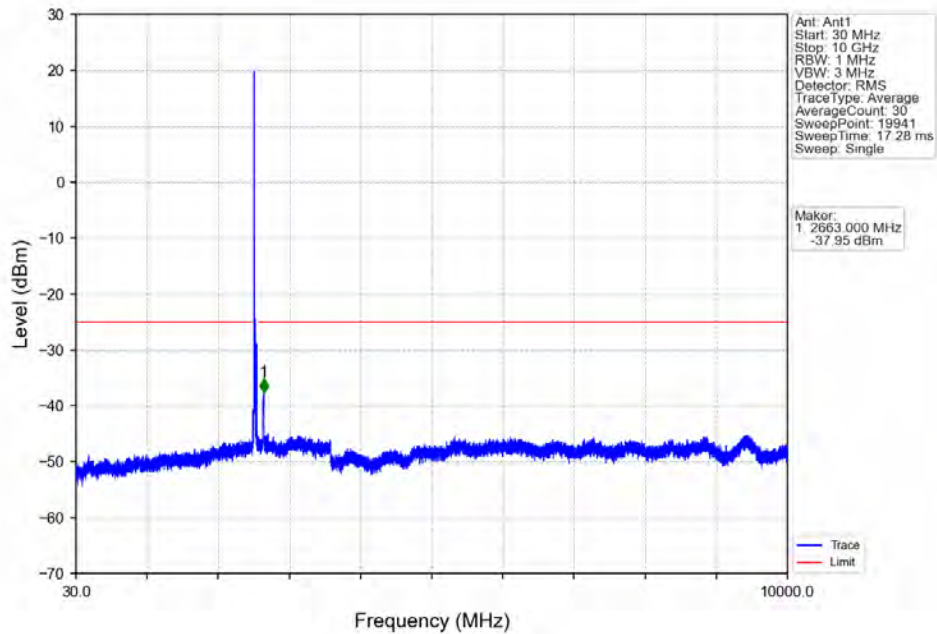
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Band7_20MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



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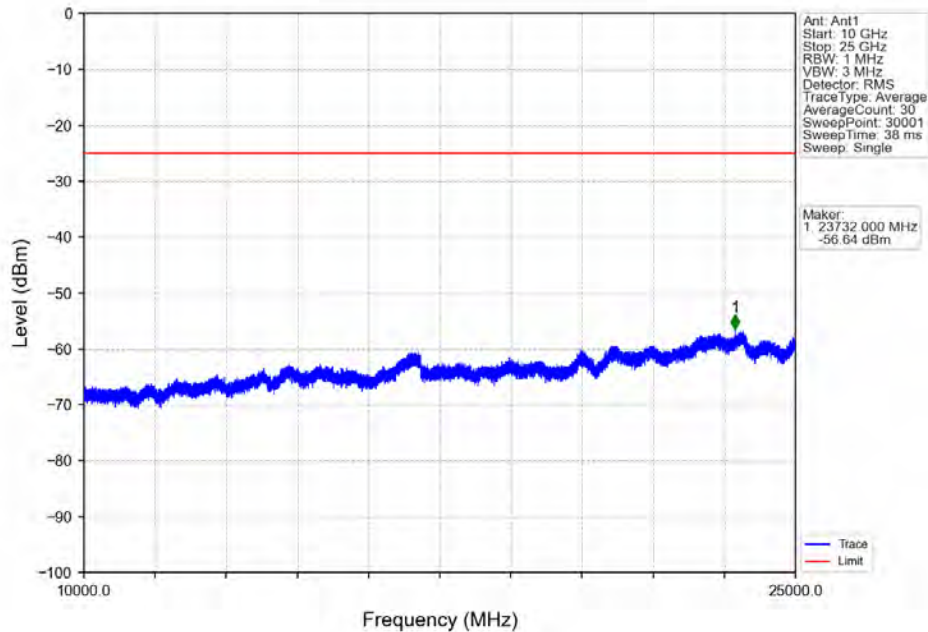
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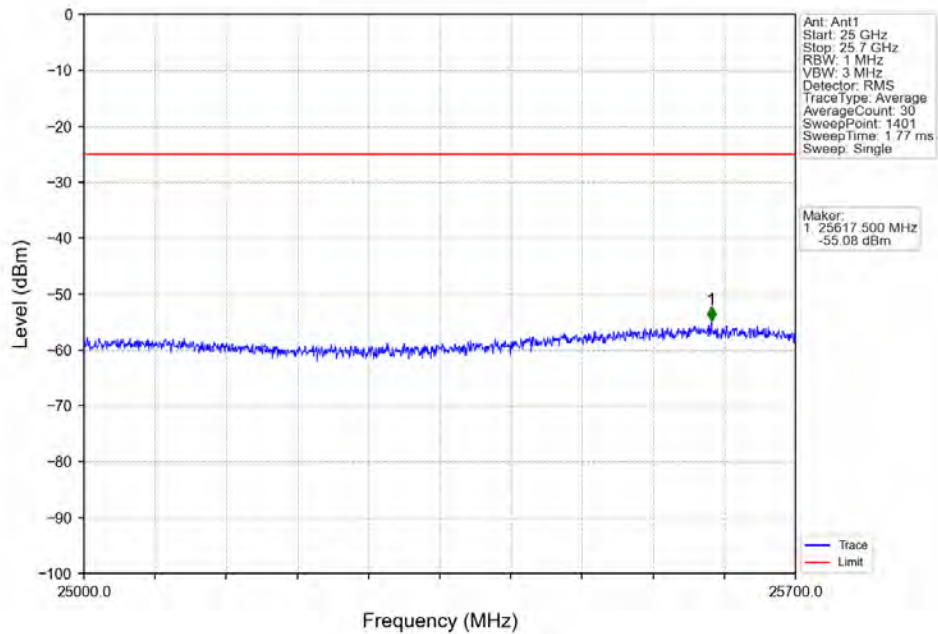
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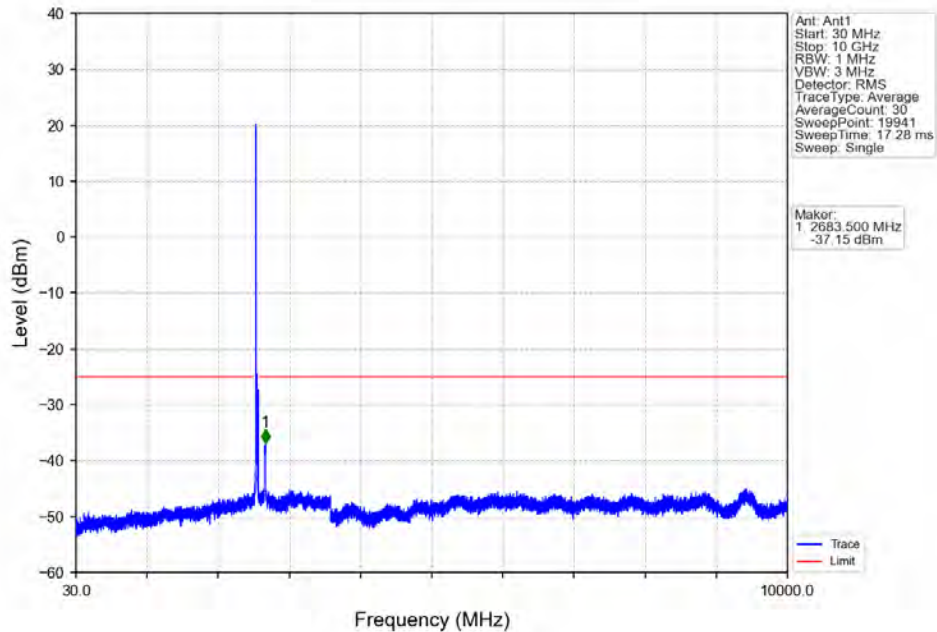
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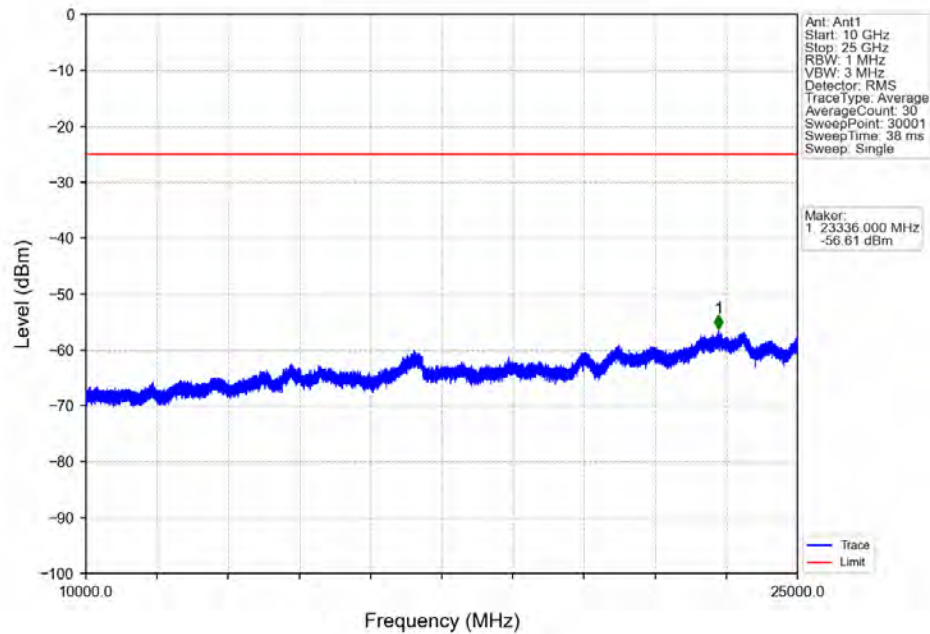
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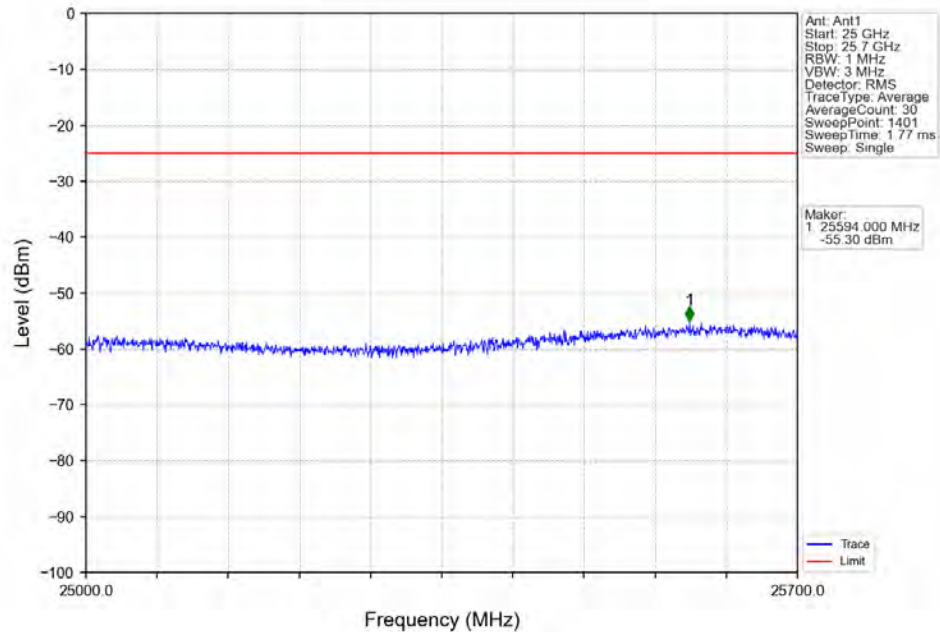
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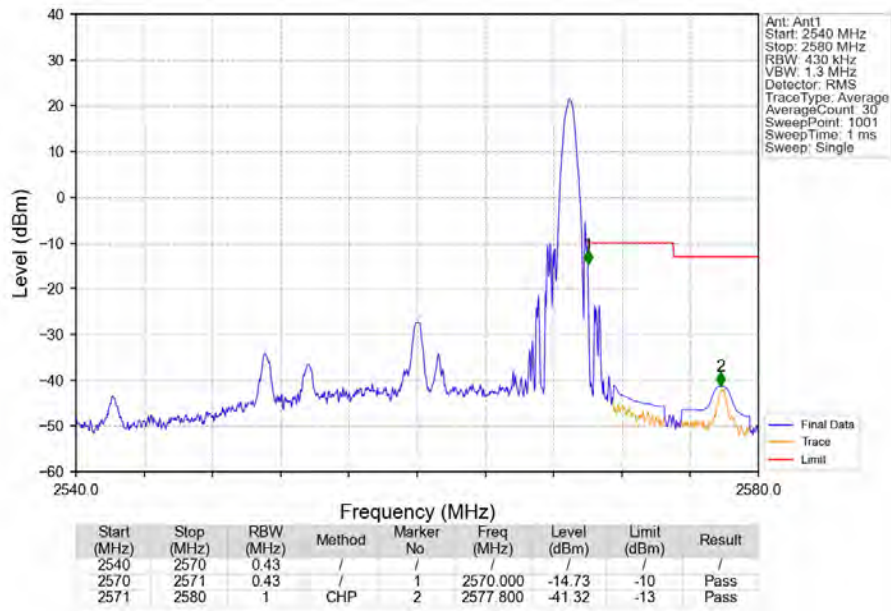
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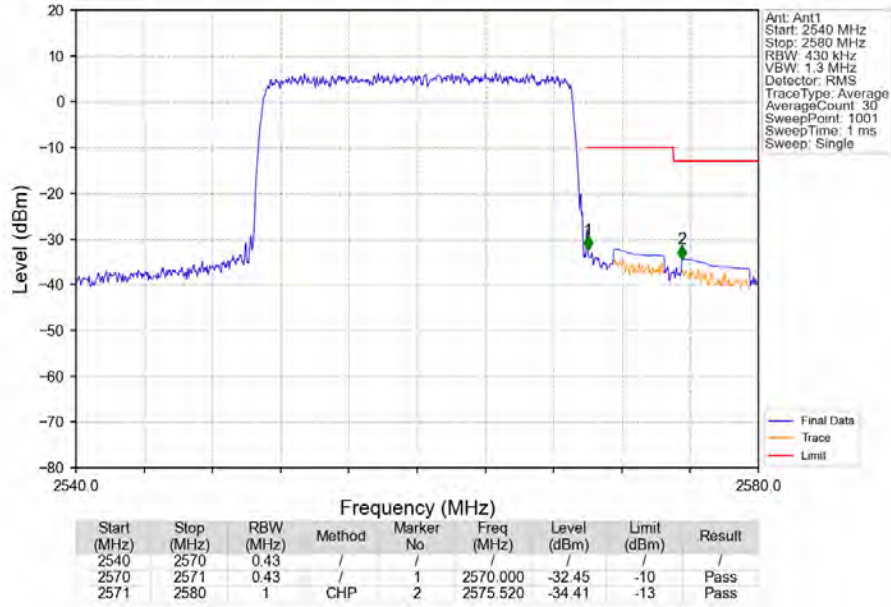
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6. Field Strength of Spurious Radiation

Test Band = LTE_7_TM1

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1483.5	35.39	-19.66	25.03	-54.50	-25.00	29.50	Horizontal
2	5002	50.82	-42.72	31.22	-55.94	-25.00	30.94	Horizontal
3	5524.5	49.77	-41.75	32.30	-54.94	-25.00	29.94	Horizontal
4	7394.5	44.00	-38.31	36.68	-52.89	-25.00	27.89	Horizontal
5	11098.5	43.19	-37.58	40.20	-49.45	-25.00	24.45	Horizontal
6	16402	40.44	-34.84	38.81	-50.85	-25.00	25.85	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1641.5	35.41	-19.11	25.43	-53.53	-25.00	28.53	Vertical
2	5524.5	49.45	-41.75	32.30	-55.26	-25.00	30.26	Vertical
3	7503	50.65	-38.31	36.87	-46.05	-25.00	21.05	Vertical
4	9885	41.72	-35.08	38.48	-50.14	-25.00	25.14	Vertical
5	13351	42.06	-38.54	39.75	-51.99	-25.00	26.99	Vertical
6	16407	40.37	-34.88	38.84	-50.93	-25.00	25.93	Vertical



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Test Band = LTE_7_TM1
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1379.5	35.31	-19.99	24.98	-54.96	-25.00	29.96	Horizontal
2	5052	47.06	-42.62	31.60	-59.22	-25.00	34.22	Horizontal
3	5524.5	49.75	-41.75	32.30	-54.96	-25.00	29.96	Horizontal
4	7315.5	42.42	-38.79	36.43	-55.20	-25.00	30.20	Horizontal
5	11096.5	42.69	-37.57	40.20	-49.94	-25.00	24.94	Horizontal
6	16391.5	39.74	-34.87	38.77	-51.62	-25.00	26.62	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1454	35.08	-19.65	25.27	-54.56	-25.00	29.56	Vertical
2	3635	47.41	-44.41	29.18	-63.08	-25.00	38.08	Vertical
3	5524.5	50.03	-41.75	32.30	-54.68	-25.00	29.68	Vertical
4	7404.5	42.81	-38.28	36.71	-54.02	-25.00	29.02	Vertical
5	10654.5	42.10	-37.78	39.41	-51.53	-25.00	26.53	Vertical
6	16390.5	39.41	-34.87	38.77	-51.95	-25.00	26.95	Vertical



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Test Band = LTE_7_TM1
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1600.5	35.32	-19.20	25.10	-54.04	-25.00	29.04	Horizontal
2	5102	47.57	-42.52	31.51	-58.70	-25.00	33.70	Horizontal
3	5524.5	48.96	-41.75	32.30	-55.75	-25.00	30.75	Horizontal
4	7421.5	42.89	-38.28	36.74	-53.91	-25.00	28.91	Horizontal
5	11092	42.19	-37.54	40.19	-50.42	-25.00	25.42	Horizontal
6	16377	39.23	-34.95	38.73	-52.25	-25.00	27.25	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1470.5	35.26	-19.71	25.14	-54.57	-25.00	29.57	Vertical
2	5102	46.84	-42.52	31.51	-59.43	-25.00	34.43	Vertical
3	5524.5	50.45	-41.75	32.30	-54.26	-25.00	29.26	Vertical
4	7372	43.08	-38.45	36.59	-54.04	-25.00	29.04	Vertical
5	11021.5	41.14	-37.11	40.12	-51.11	-25.00	26.11	Vertical
6	16490.5	38.84	-35.54	39.25	-52.71	-25.00	27.71	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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