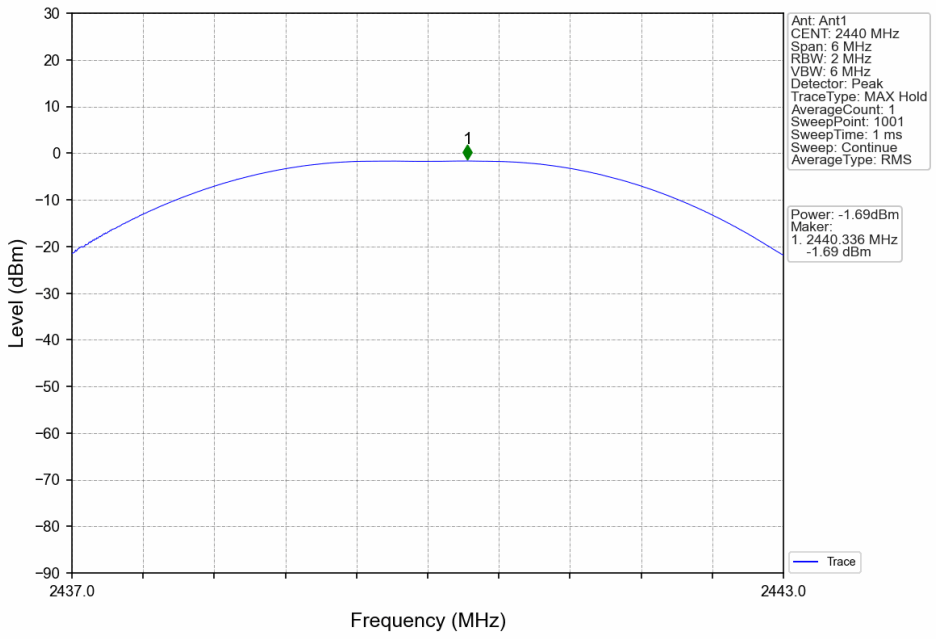
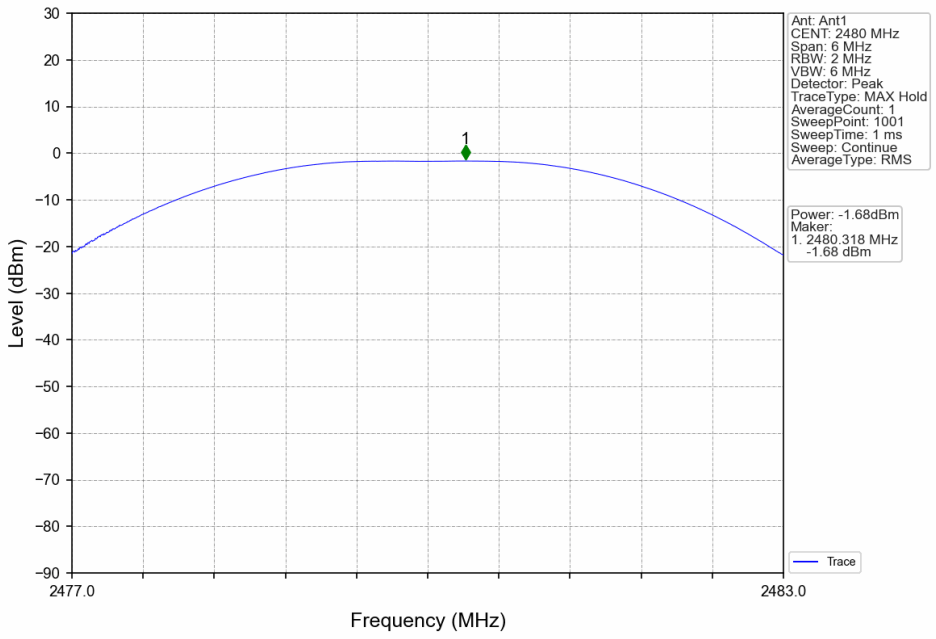
2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-18.31	<=8	Pass
		2440	-17.98	<=8	Pass
		2480	-17.96	<=8	Pass
2M	SISO	2402	-20.62	<=8	Pass
		2440	-20.24	<=8	Pass
		2480	-20.32	<=8	Pass
Note1: Antenna Gain: Ant1: -0.58dBi;					

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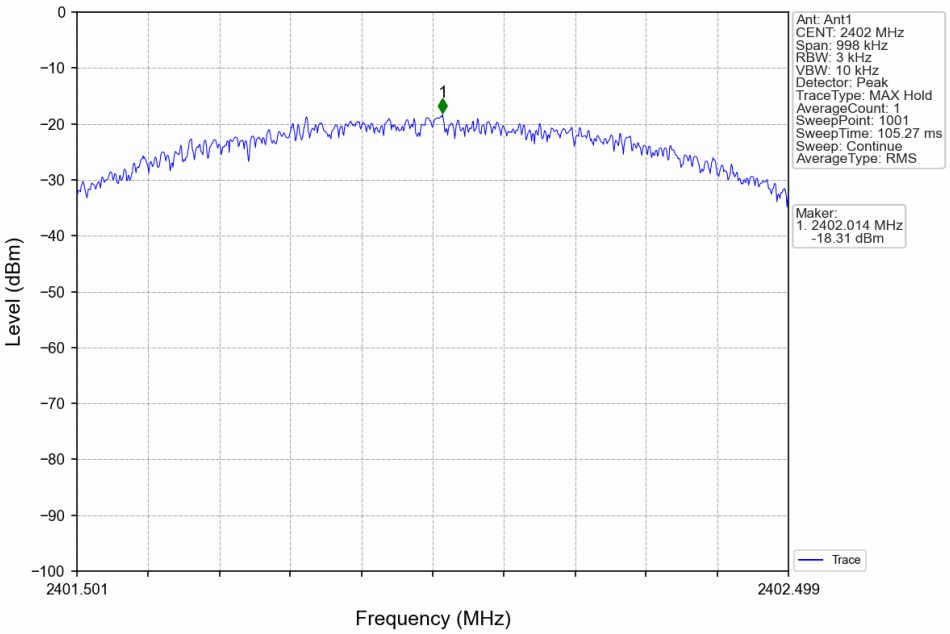
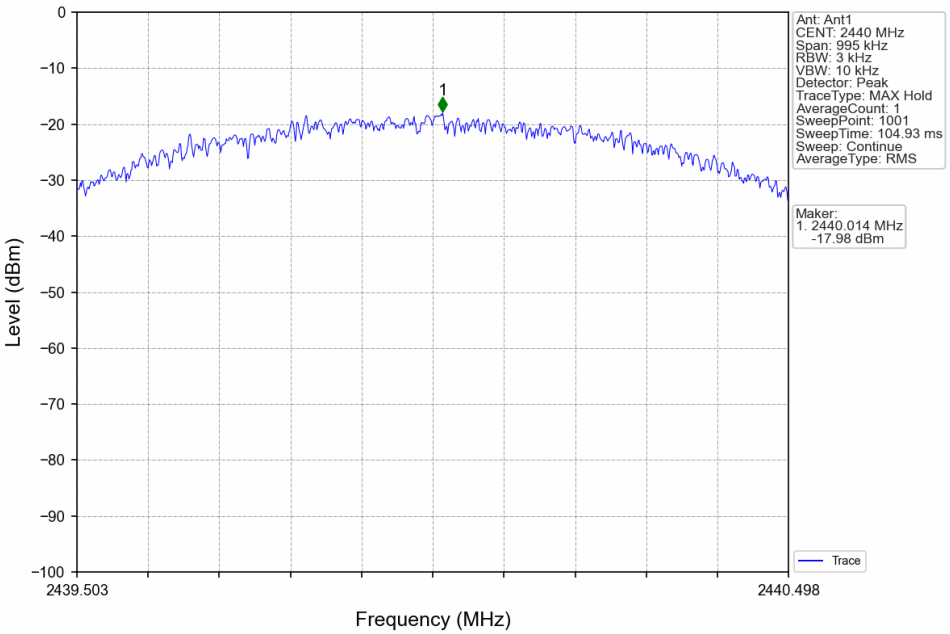
4.1.2 Test Graph

1M_LCH_2402MHz_Ant1_NTNV



1M_MCH_2440MHz_Ant1_NTNV



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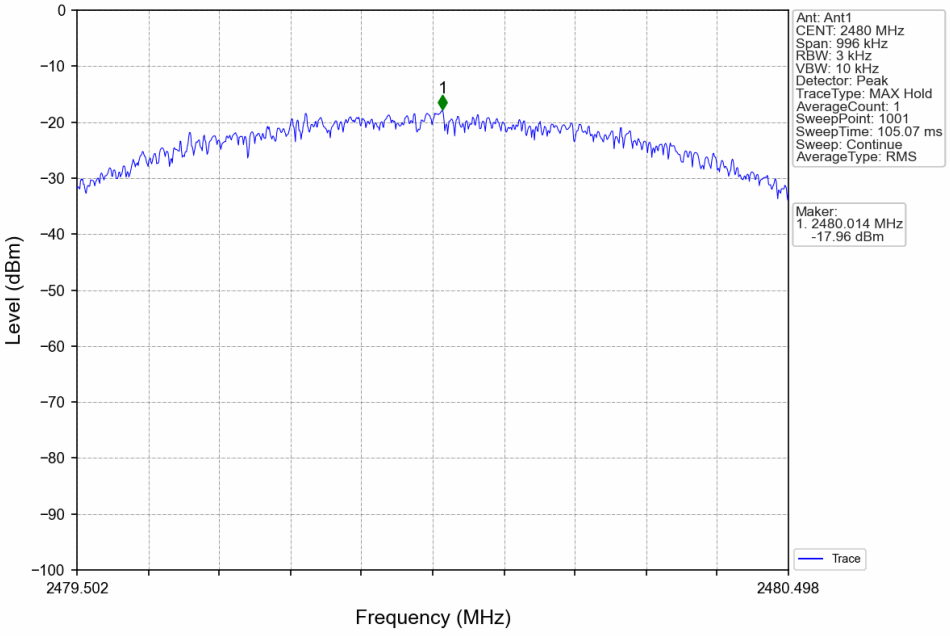
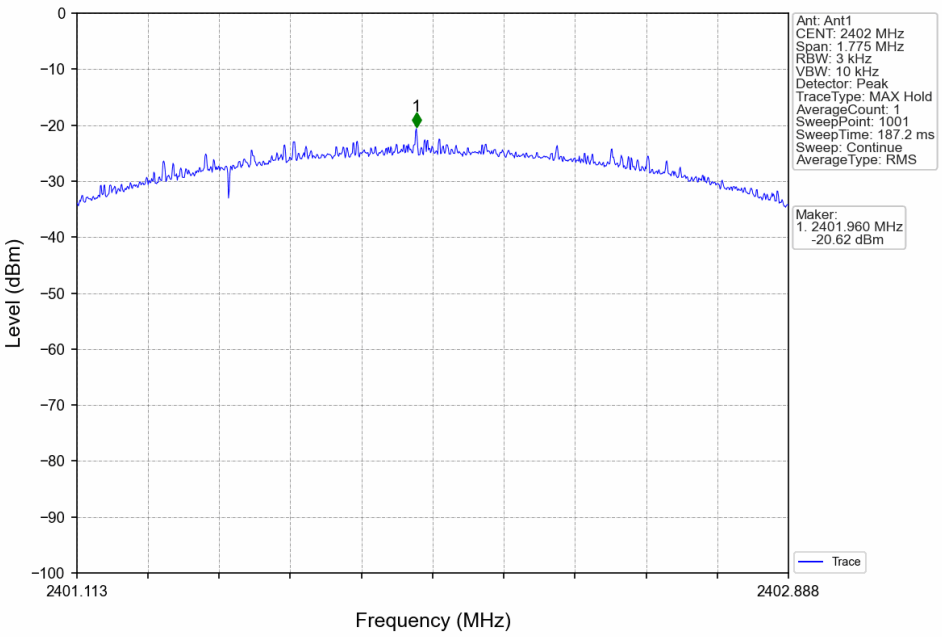
1M_HCH_2480MHz_Ant1_NTNV



2M_LCH_2402MHz_Ant1_NTNV



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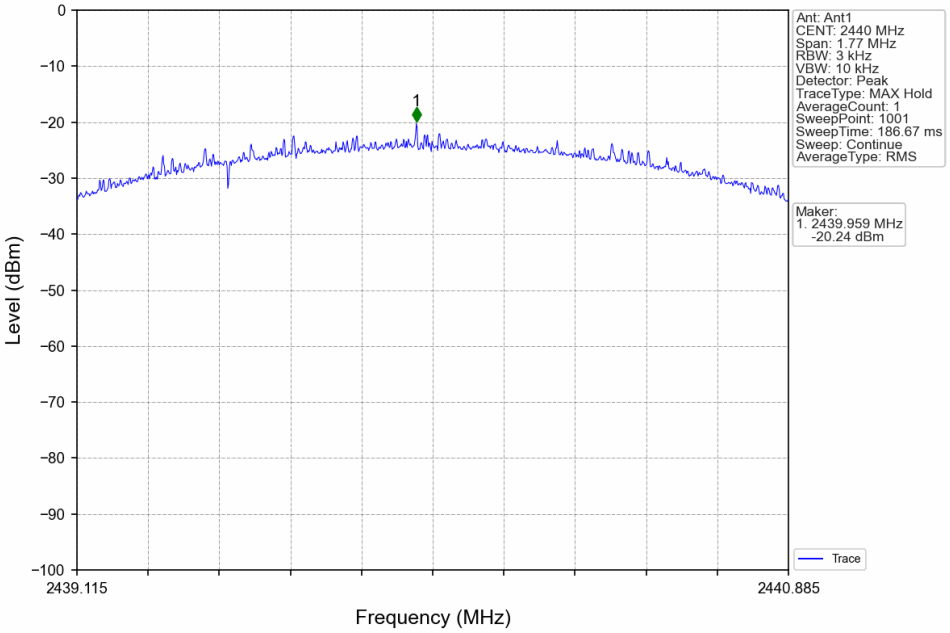
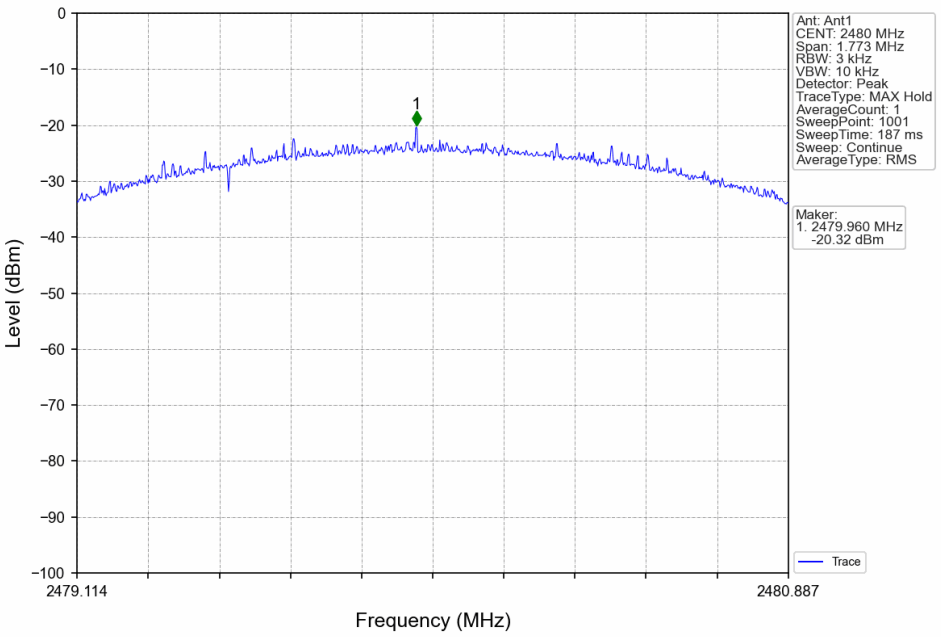
2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



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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)
1M	SISO	2402	1	-2.36
		2440	1	-1.95
		2480	1	-1.94
2M	SISO	2402	1	-3.03
		2440	1	-2.62
		2480	1	-2.62
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.				

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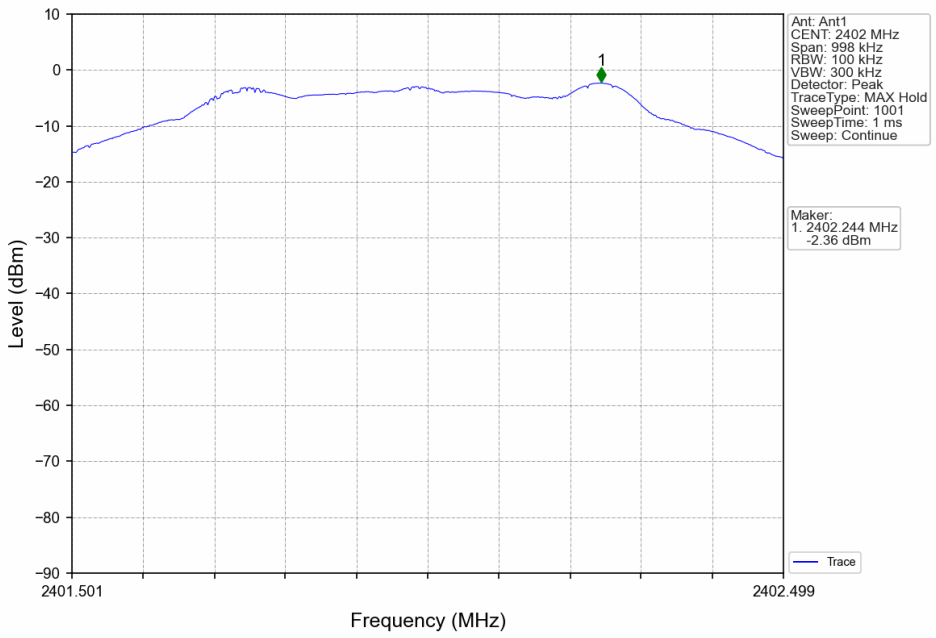
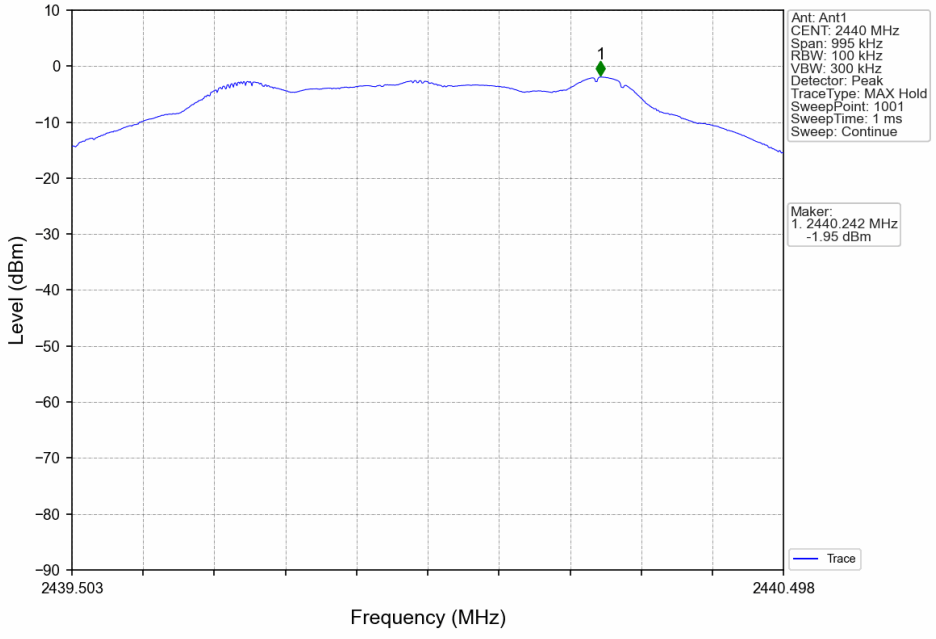
5.1.2 Test Graph

1M_LCH_2402MHz_Ant1_NTNV



1M_MCH_2440MHz_Ant1_NTNV



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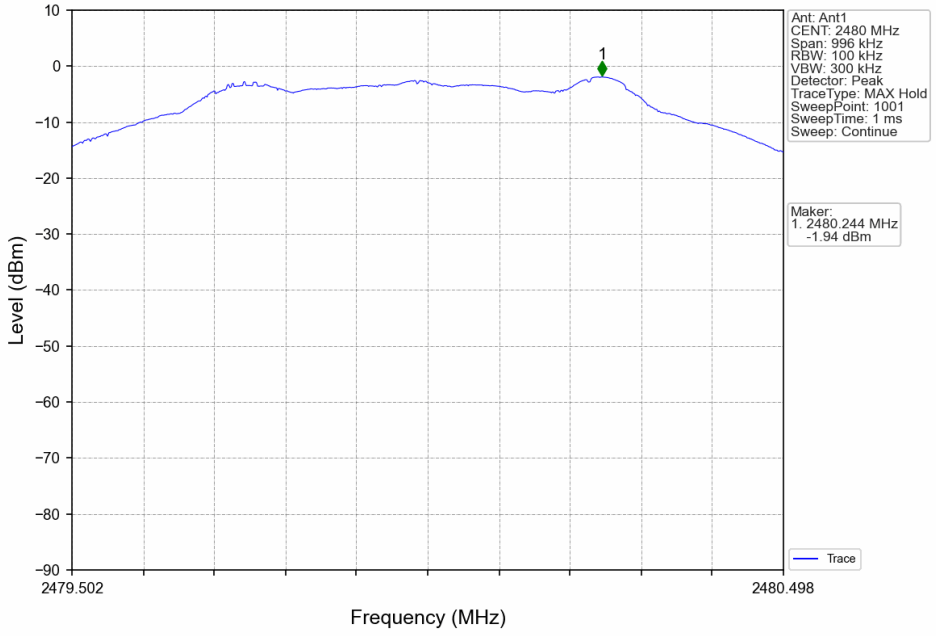
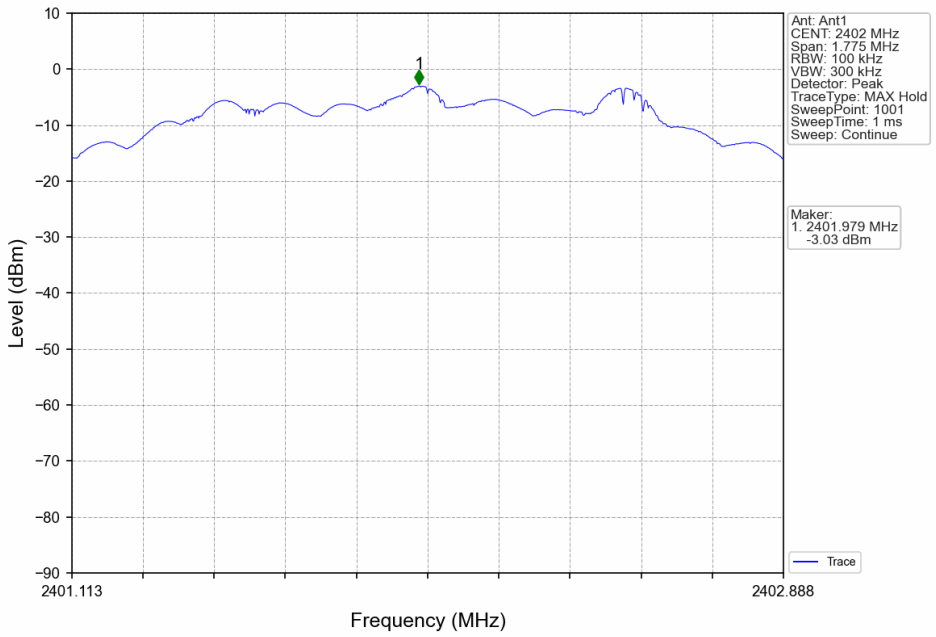
1M_HCH_2480MHz_Ant1_NTNV



2M_LCH_2402MHz_Ant1_NTNV



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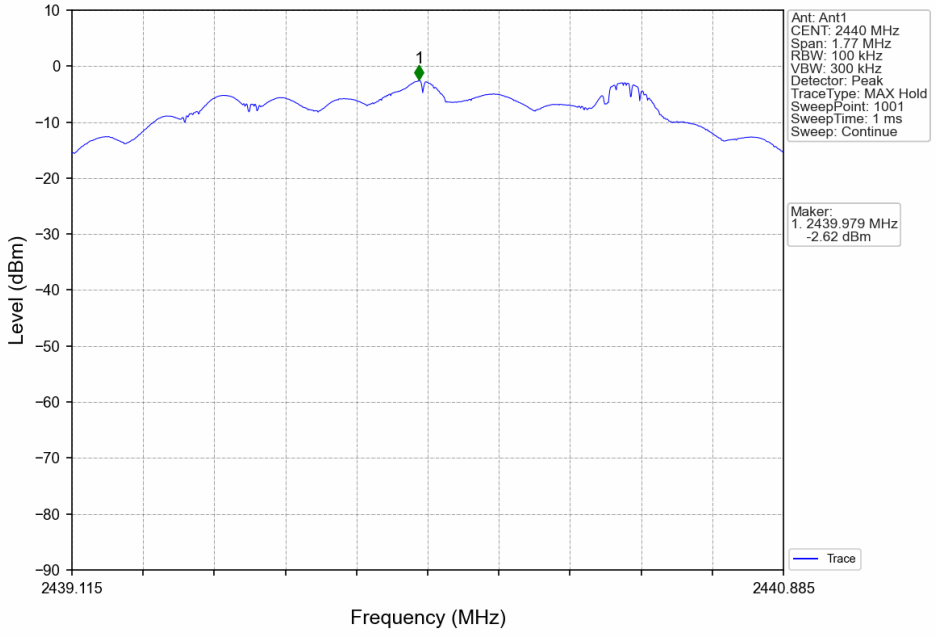
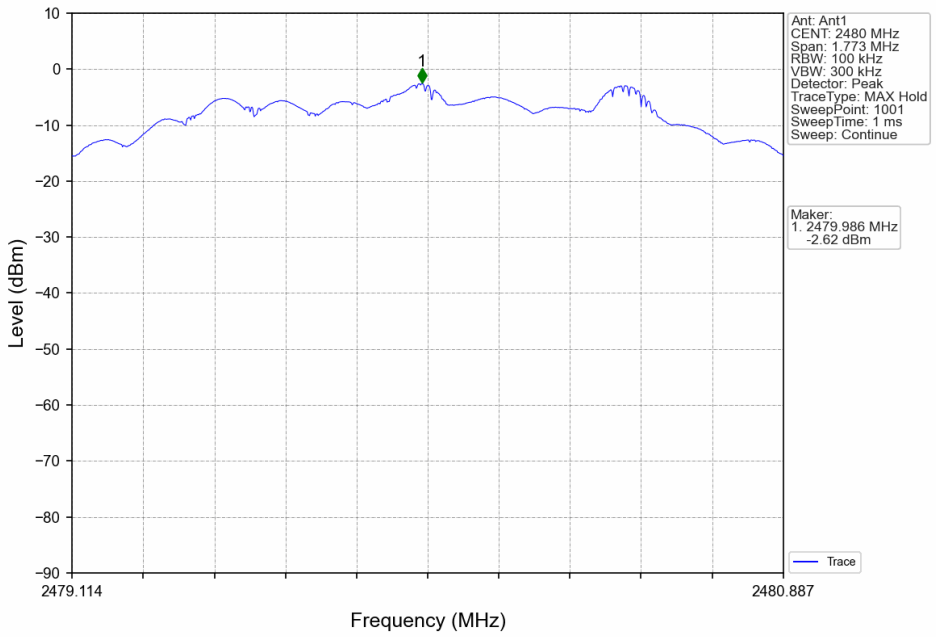
2M_MCH_2440MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



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5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-1.94	-21.94	Pass
		2440	1	-1.94	-21.94	Pass
		2480	1	-1.94	-21.94	Pass
2M	SISO	2402	1	-2.62	-22.62	Pass
		2440	1	-2.62	-22.62	Pass
		2480	1	-2.62	-22.62	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.						

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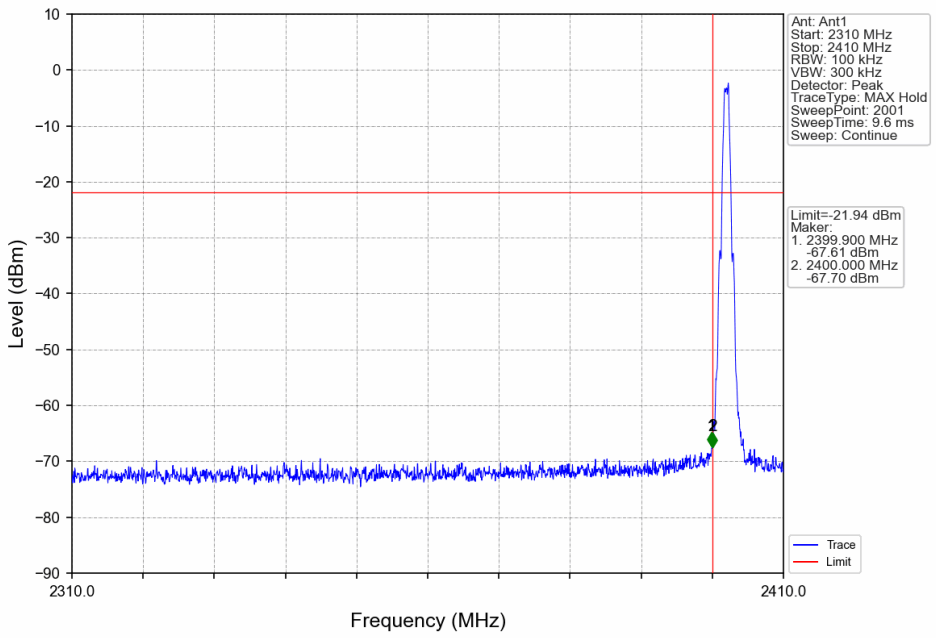
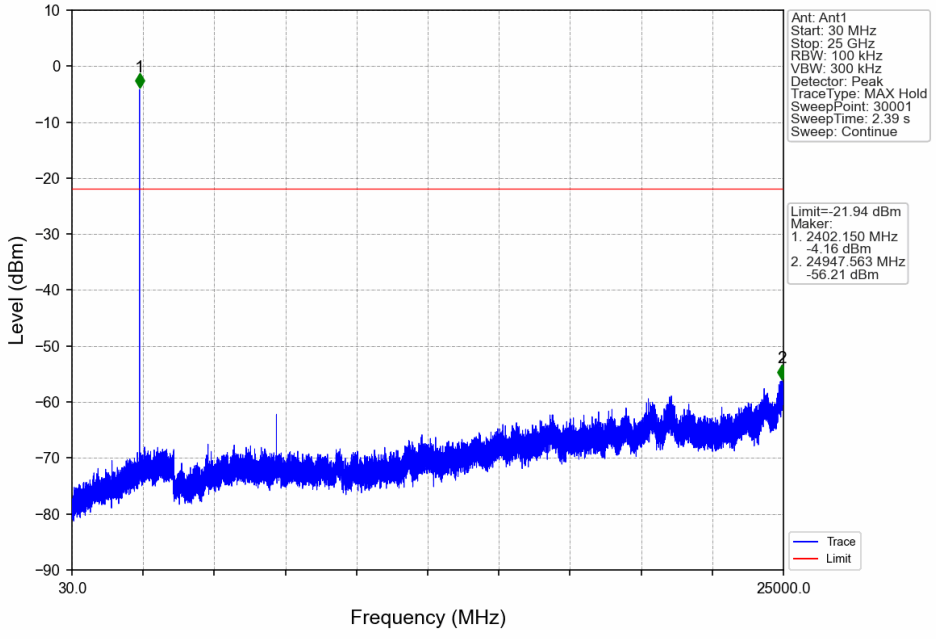
5.2.2 Test Graph

1M_LCH_2402MHz_Ant1_NTNV



1M_LCH_2402MHz_Ant1_NTNV



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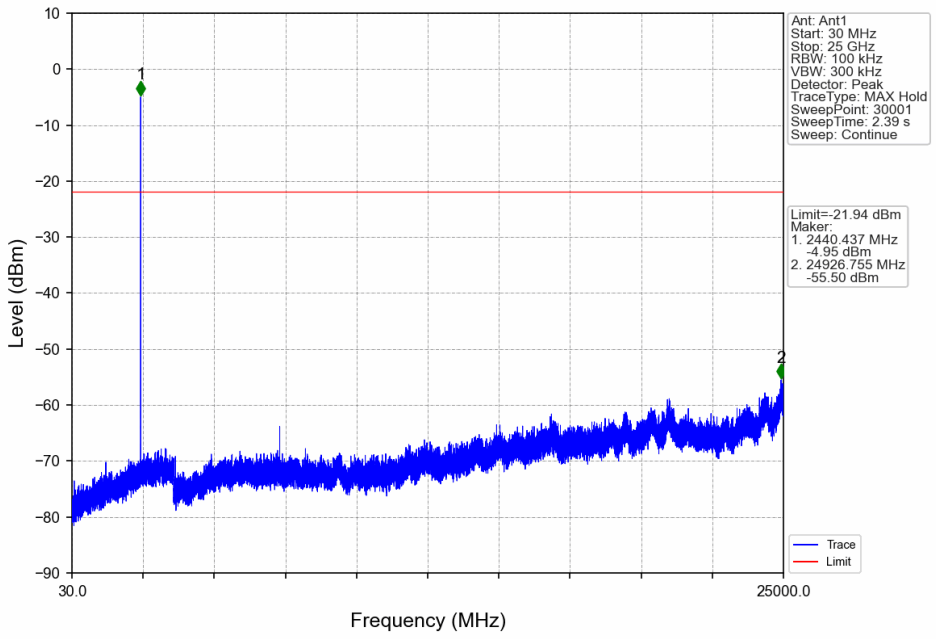
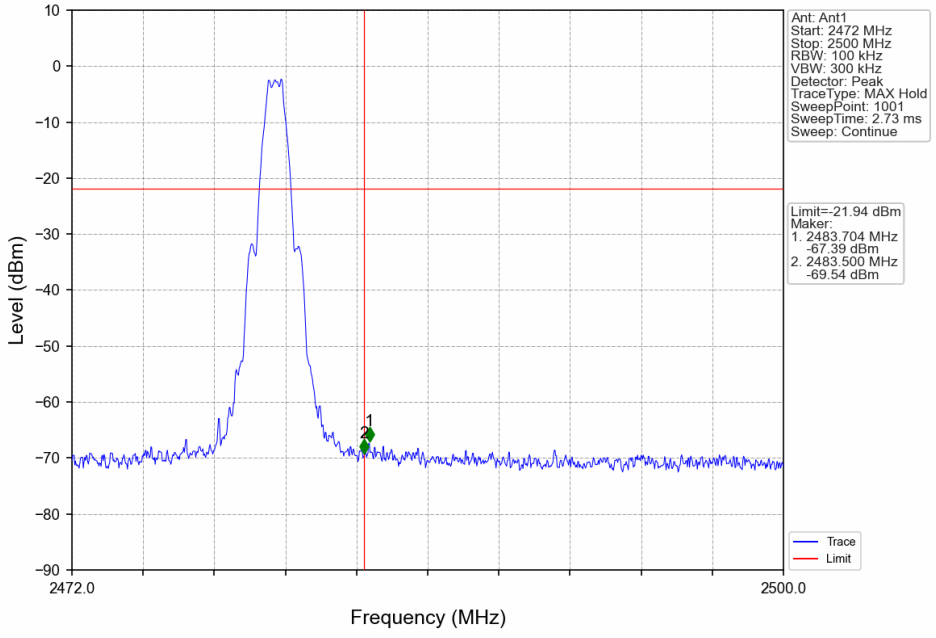
1M_MCH_2440MHz_Ant1_NTNV



1M_HCH_2480MHz_Ant1_NTNV



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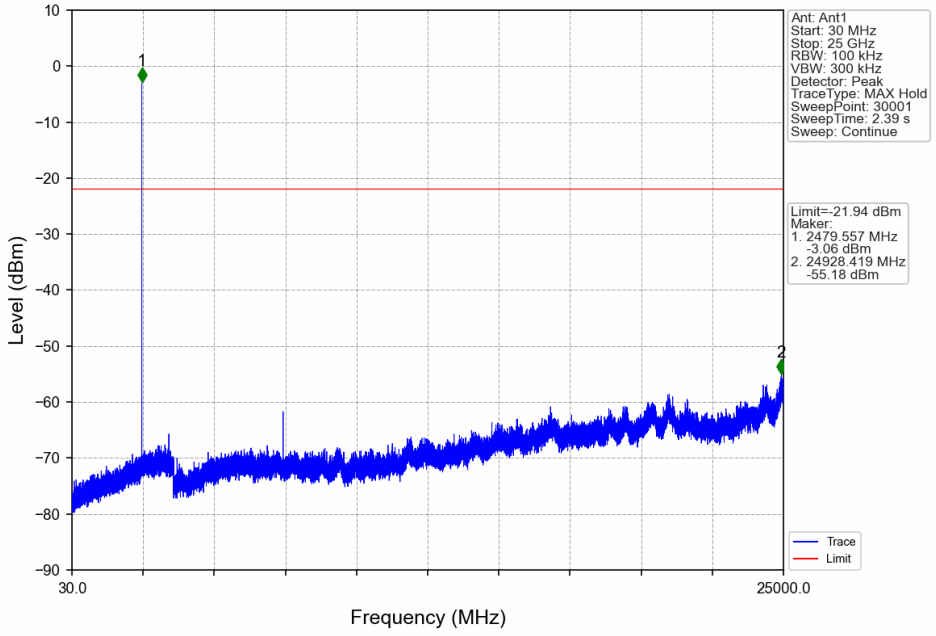
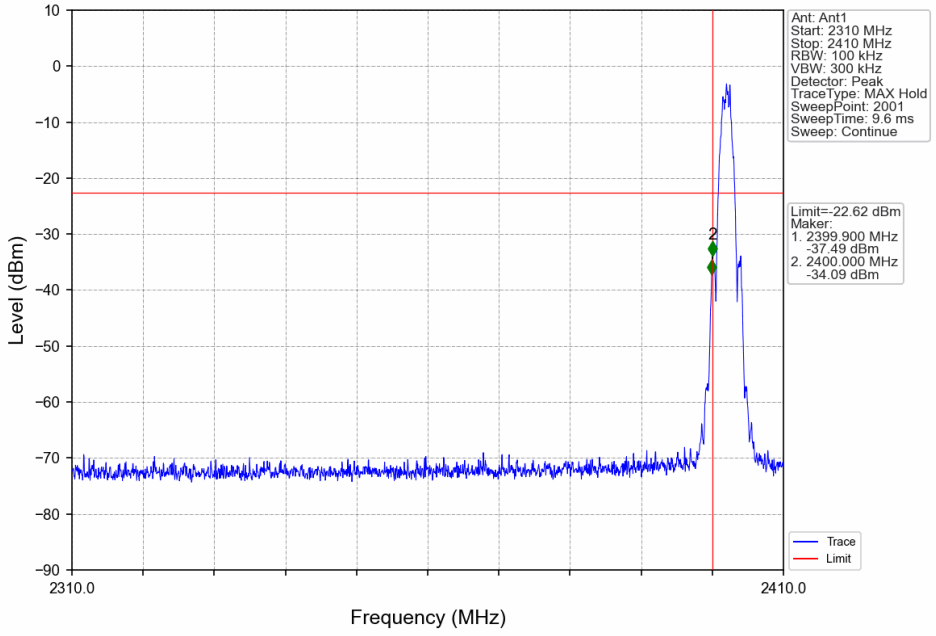
1M_HCH_2480MHz_Ant1_NTNV



2M_LCH_2402MHz_Ant1_NTNV



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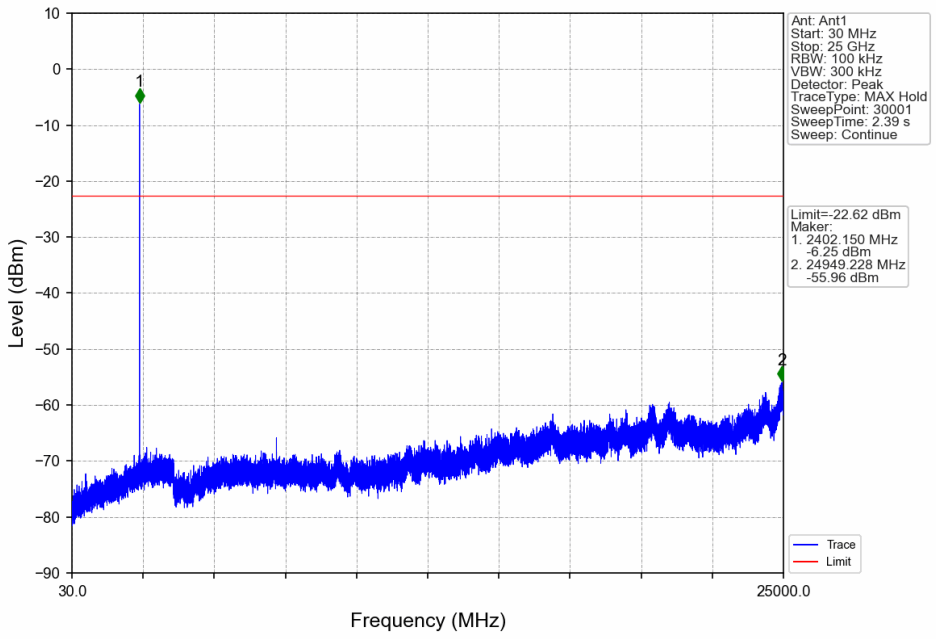
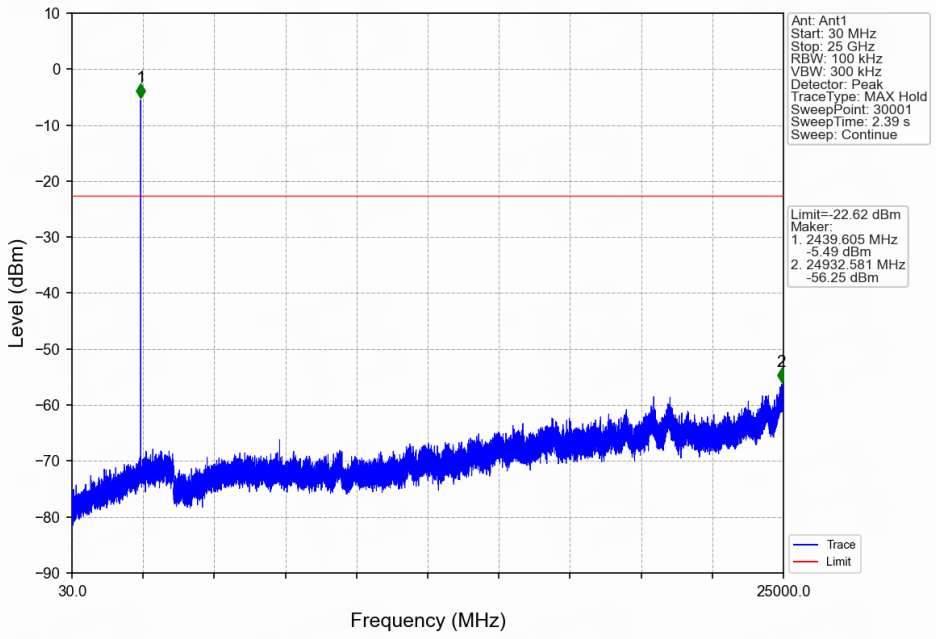
2M_LCH_2402MHz_Ant1_NTNV



2M_MCH_2440MHz_Ant1_NTNV



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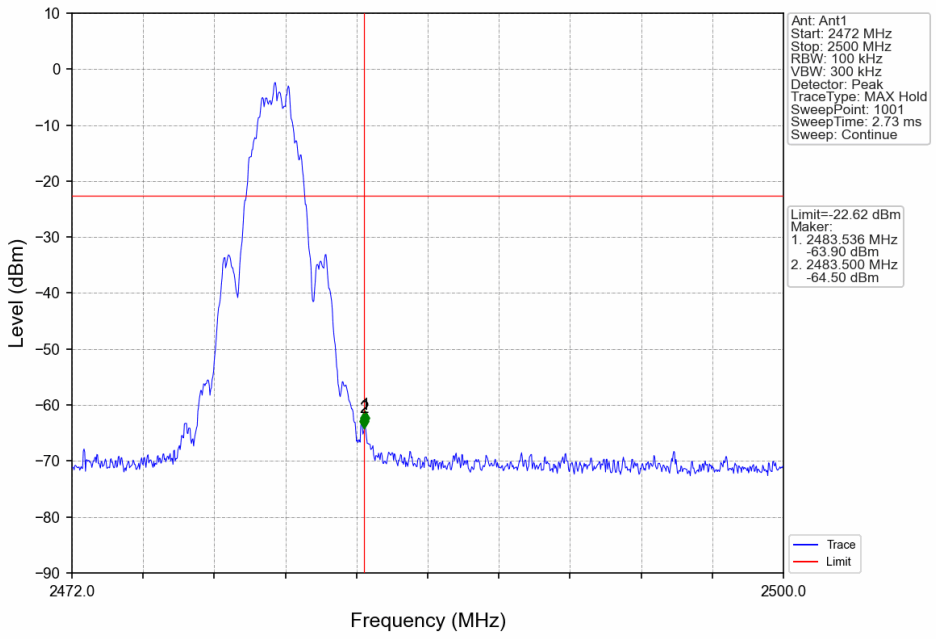
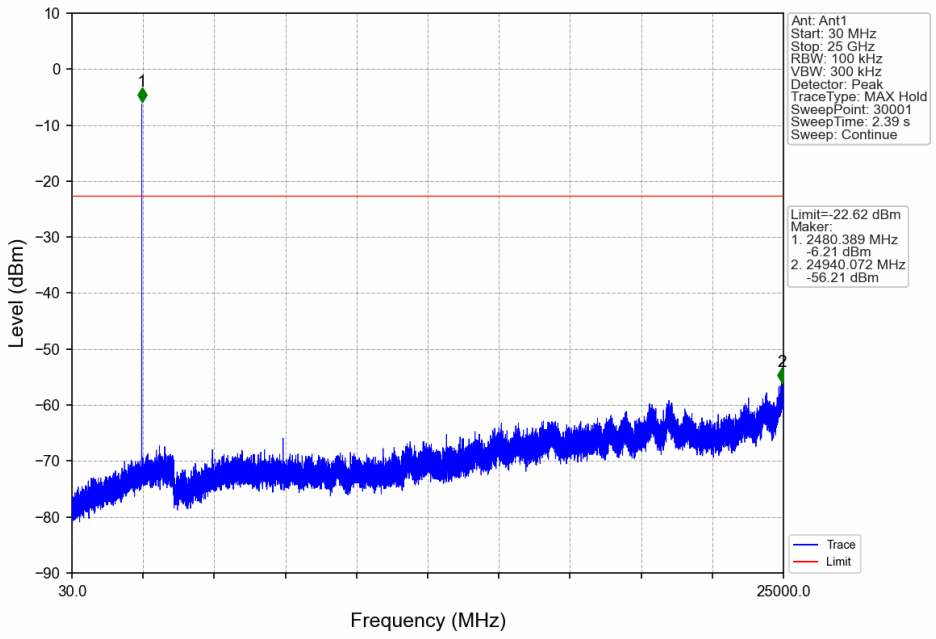
2M_HCH_2480MHz_Ant1_NTNV



2M_HCH_2480MHz_Ant1_NTNV



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6. Unwanted Emissions In Restricted Frequency Bands

6.1 RSE

6.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Unwanted Emissions (dBm)		Verdict
				Result	Limit	
1M	SISO	2402	1	Refer To Test Graph		Pass
		2440	1	Refer To Test Graph		Pass
		2480	1	Refer To Test Graph		Pass
2M	SISO	2402	1	Refer To Test Graph		Pass
		2440	1	Refer To Test Graph		Pass
		2480	1	Refer To Test Graph		Pass

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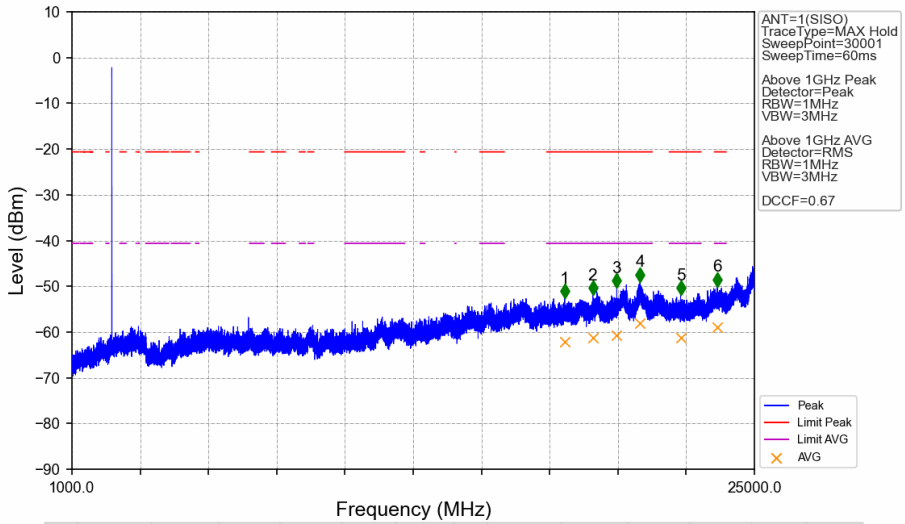
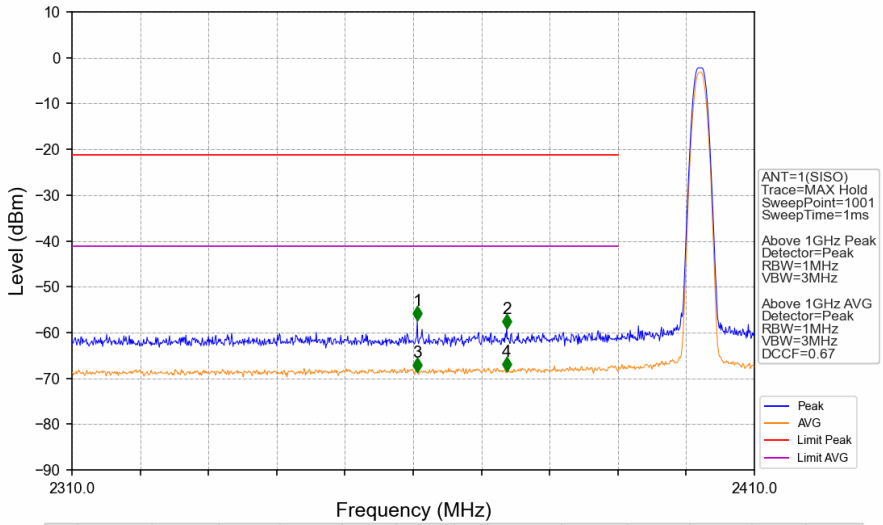
6.1.2 Test Graph

1M_LCH_2402MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	18328	-52.62	-21.20	32.00	Pass	Peak	7	18328	-62.05	-41.20	21.43	Pass	AVG
2	19316	-51.95	-21.20	31.33	Pass	Peak	8	19316	-61.25	-41.20	20.63	Pass	AVG
3	20160.8	-50.39	-21.20	29.77	Pass	Peak	9	20160.8	-60.73	-41.20	20.11	Pass	AVG
4	20976	-49.00	-21.20	28.38	Pass	Peak	10	20976	-58.16	-41.20	17.54	Pass	AVG
5	22405.6	-51.95	-21.20	31.33	Pass	Peak	11	22405.6	-61.27	-41.20	20.65	Pass	AVG
6	23695.2	-50.08	-21.20	29.46	Pass	Peak	12	23695.2	-58.99	-41.20	18.37	Pass	AVG

1M_LCH_2402MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2360.600	-57.39	-21.20	36.77	Pass	Peak	3	2360.600	/	-21.20	/	/	AVG
2	2373.700	-59.11	-21.20	38.49	Pass	Peak	4	2373.700	/	-21.20	/	/	AVG

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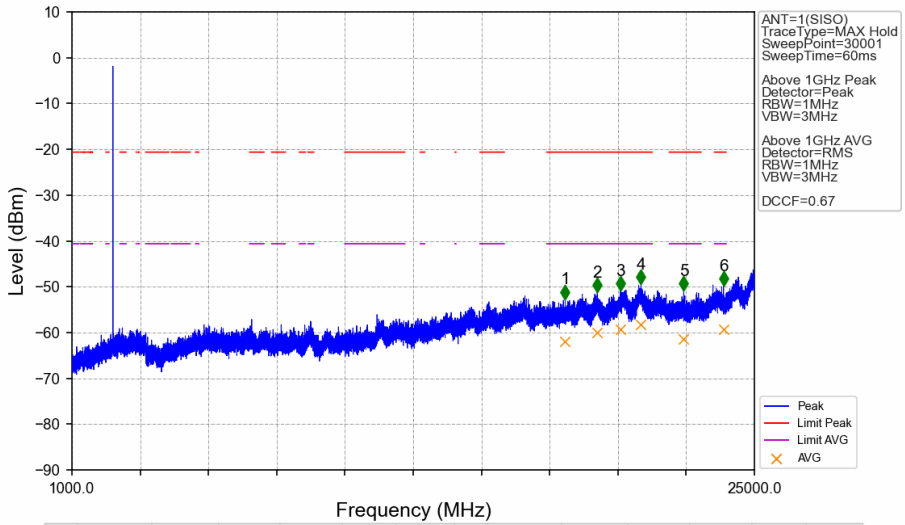
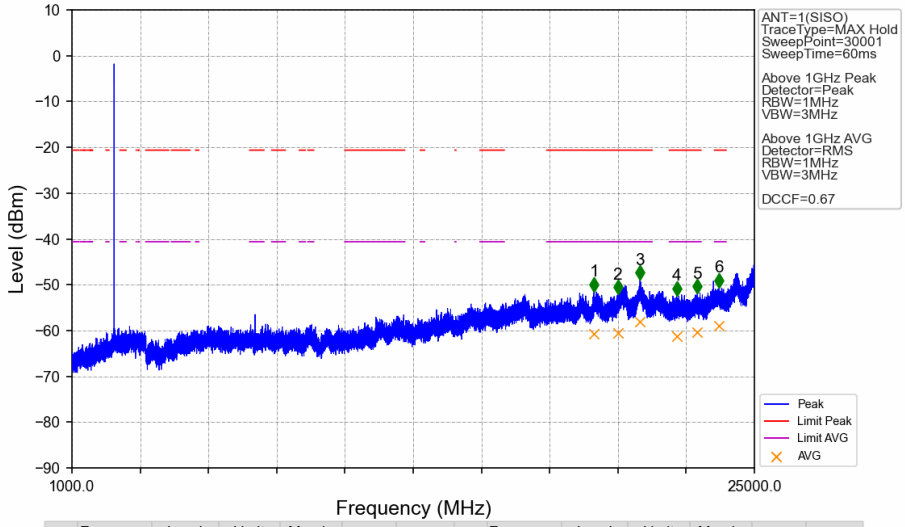
1M_MCH_2440MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	18347.2	-52.71	-21.20	32.09	Pass	Peak	7	18347.2	-61.90	-41.20	21.28	Pass	AVG
2	19476	-51.24	-21.20	30.62	Pass	Peak	8	19476	-59.94	-41.20	19.32	Pass	AVG
3	20277.6	-50.87	-21.20	30.25	Pass	Peak	9	20277.6	-59.37	-41.20	18.75	Pass	AVG
4	21012	-49.45	-21.20	28.83	Pass	Peak	10	21012	-58.27	-41.20	17.66	Pass	AVG
5	22516	-50.84	-21.20	30.22	Pass	Peak	11	22516	-61.42	-41.20	20.80	Pass	AVG
6	23912.8	-49.84	-21.20	29.22	Pass	Peak	12	23912.8	-59.39	-41.20	18.77	Pass	AVG

1M_HCH_2480MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	19357.6	-51.48	-21.20	30.86	Pass	Peak	7	19357.6	-60.64	-41.20	20.02	Pass	AVG
2	20196.8	-52.08	-21.20	31.46	Pass	Peak	8	20196.8	-60.59	-41.20	19.96	Pass	AVG
3	20975.2	-48.91	-21.20	28.30	Pass	Peak	9	20975.2	-58.03	-41.20	17.41	Pass	AVG
4	22266.4	-52.35	-21.20	31.73	Pass	Peak	10	22266.4	-61.19	-41.20	20.57	Pass	AVG
5	22992	-51.94	-21.20	31.32	Pass	Peak	11	22992	-60.40	-41.20	19.78	Pass	AVG
6	23760.8	-50.59	-21.20	29.97	Pass	Peak	12	23760.8	-58.92	-41.20	18.30	Pass	AVG

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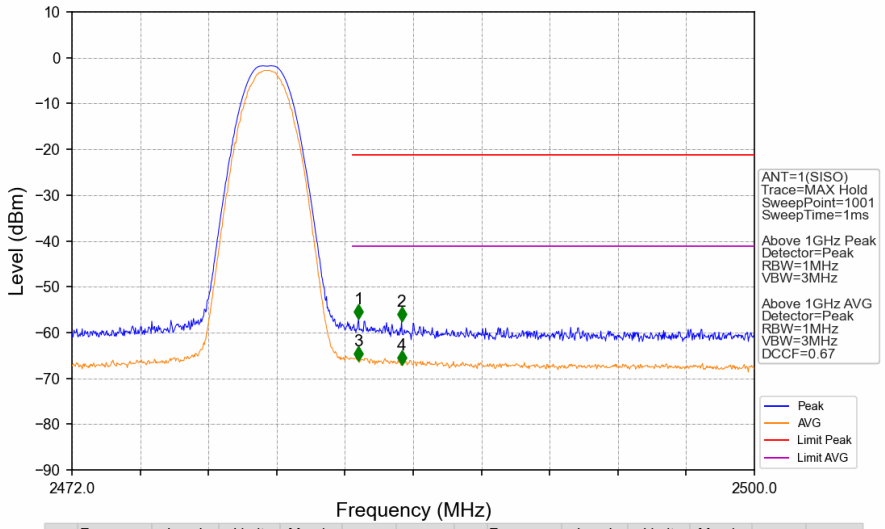
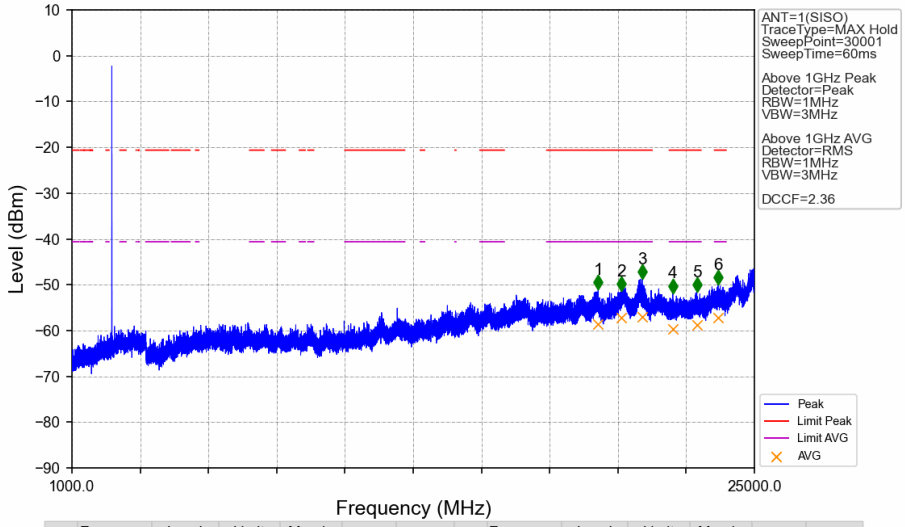
1M_HCH_2480MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2483.760	-57.02	-21.20	36.40	Pass	Peak	3	2483.760	/	-21.20	/	/	AVG
2	2485.524	-57.51	-21.20	36.88	Pass	Peak	4	2485.524	/	-21.20	/	/	AVG

2M_LCH_2402MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	19504.8	-51.09	-21.20	30.47	Pass	Peak	7	19504.8	-58.53	-41.20	17.91	Pass	AVG
2	20320.8	-51.45	-21.20	30.83	Pass	Peak	8	20320.8	-57.20	-41.20	16.58	Pass	AVG
3	21052.8	-48.70	-21.20	28.08	Pass	Peak	9	21052.8	-57.08	-41.20	16.46	Pass	AVG
4	22129.6	-51.82	-21.20	31.20	Pass	Peak	10	22129.6	-59.74	-41.20	19.12	Pass	AVG
5	22974.4	-51.54	-21.20	30.92	Pass	Peak	11	22974.4	-58.73	-41.20	18.11	Pass	AVG
6	23721.6	-49.92	-21.20	29.30	Pass	Peak	12	23721.6	-57.24	-41.20	16.62	Pass	AVG

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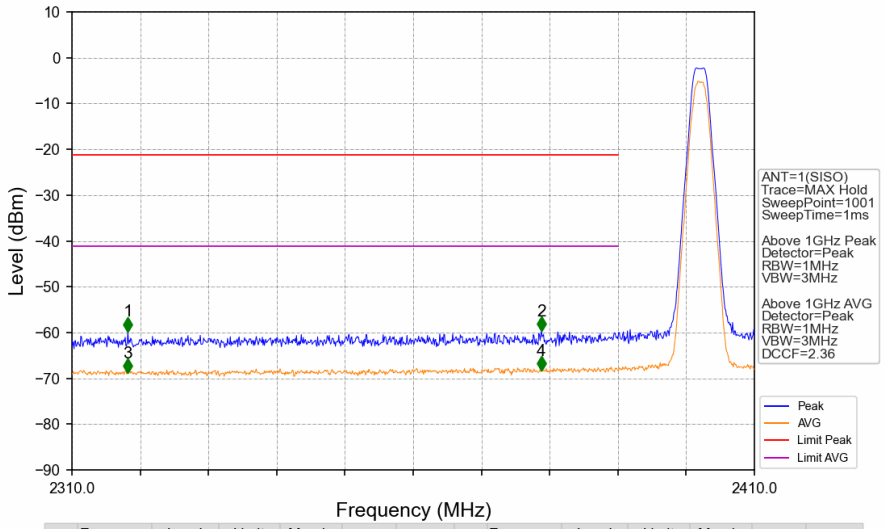
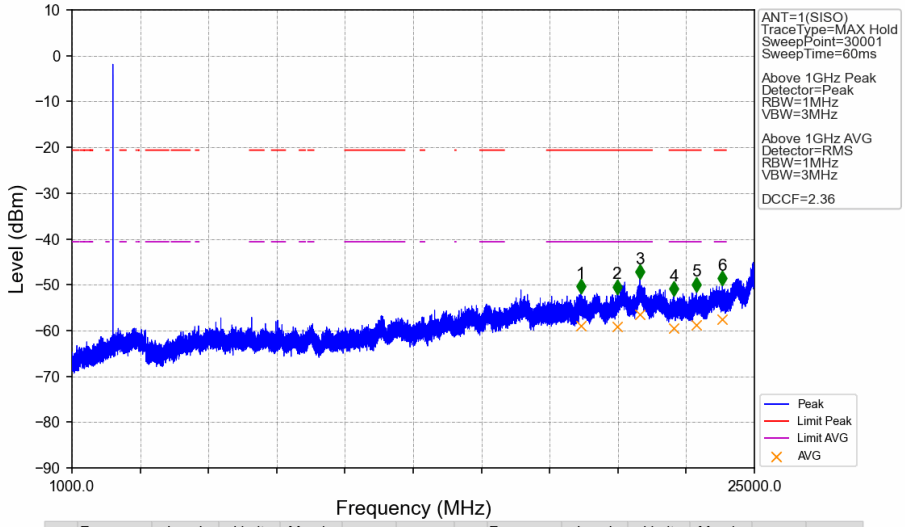
2M_LCH_2402MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2318.200	-59.78	-21.20	39.16	Pass	Peak	3	2318.200	/	-21.20	/	/	AVG
2	2378.800	-59.66	-21.20	39.04	Pass	Peak	4	2378.800	/	-21.20	/	/	AVG

2M_MCH_2440MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	18892.8	-51.86	-21.20	31.24	Pass	Peak	7	18892.8	-58.99	-41.20	18.37	Pass	AVG
2	20167.2	-51.99	-21.20	31.37	Pass	Peak	8	20167.2	-59.11	-41.20	18.49	Pass	AVG
3	20973.6	-48.78	-21.20	28.16	Pass	Peak	9	20973.6	-56.52	-41.20	15.90	Pass	AVG
4	22172.8	-52.46	-21.20	31.84	Pass	Peak	10	22172.8	-59.48	-41.20	18.86	Pass	AVG
5	22965.6	-51.46	-21.20	30.84	Pass	Peak	11	22965.6	-58.82	-41.20	18.20	Pass	AVG
6	23871.2	-50.20	-21.20	29.58	Pass	Peak	12	23871.2	-57.57	-41.20	16.95	Pass	AVG

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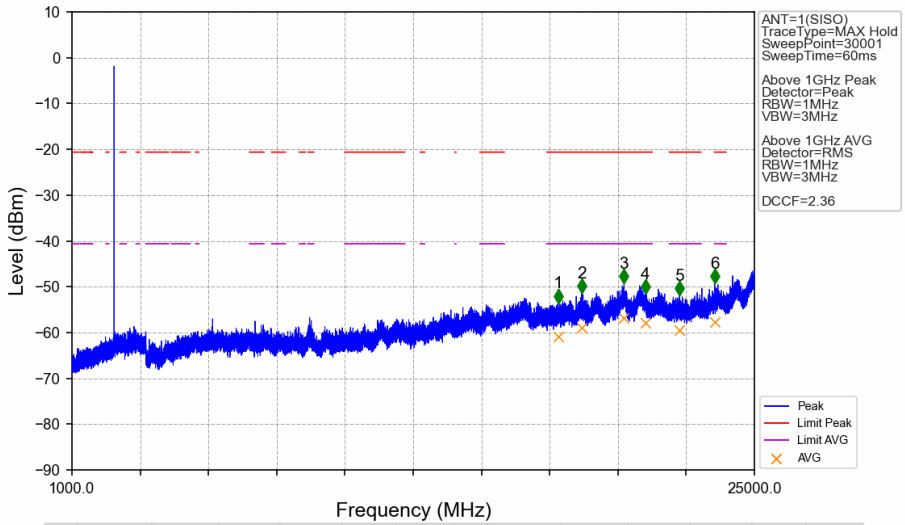
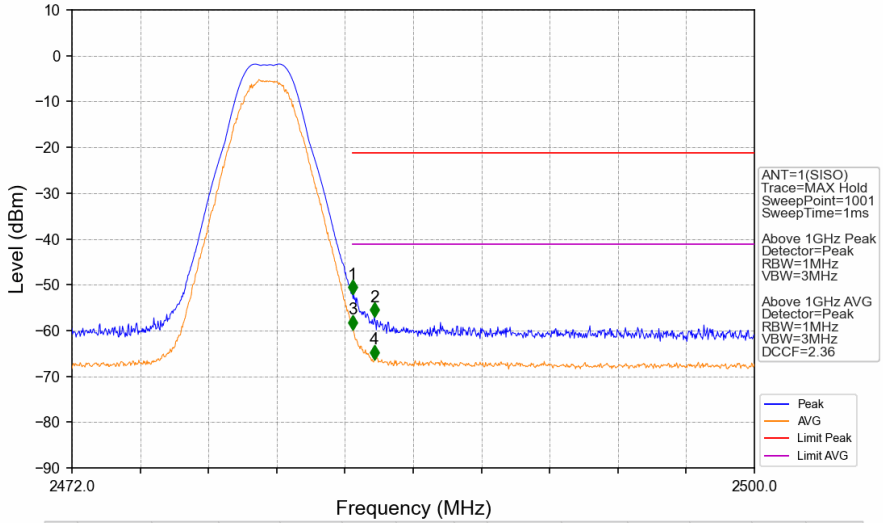
2M_HCH_2480MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	18098.4	-53.58	-21.20	32.96	Pass	Peak	7	18098.4	-60.93	-41.20	20.31	Pass	AVG
2	18928.8	-51.37	-21.20	30.75	Pass	Peak	8	18928.8	-59.02	-41.20	18.40	Pass	AVG
3	20415.2	-49.22	-21.20	28.60	Pass	Peak	9	20415.2	-56.83	-41.20	16.21	Pass	AVG
4	21169.6	-51.52	-21.20	30.90	Pass	Peak	10	21169.6	-57.83	-41.20	17.21	Pass	AVG
5	22365.6	-51.91	-21.20	31.29	Pass	Peak	11	22365.6	-59.57	-41.20	18.95	Pass	AVG
6	23603.2	-49.23	-21.20	28.61	Pass	Peak	12	23603.2	-57.73	-41.20	17.11	Pass	AVG

2M_HCH_2480MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2483.508	-52.03	-21.20	31.41	Pass	Peak	3	2483.508	/	-21.20	/	/	AVG
2	2484.404	-56.98	-21.20	36.36	Pass	Peak	4	2484.404	/	-21.20	/	/	AVG

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7. Form731

7.1 Form731

7.1.1 Test Result

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2402	2480	0.0007	-1.68

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