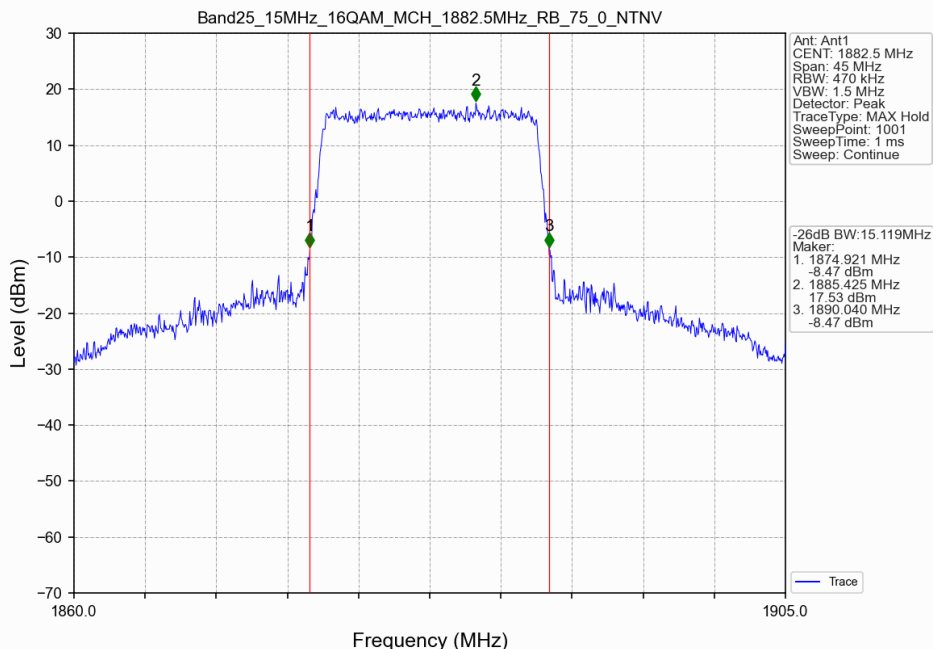
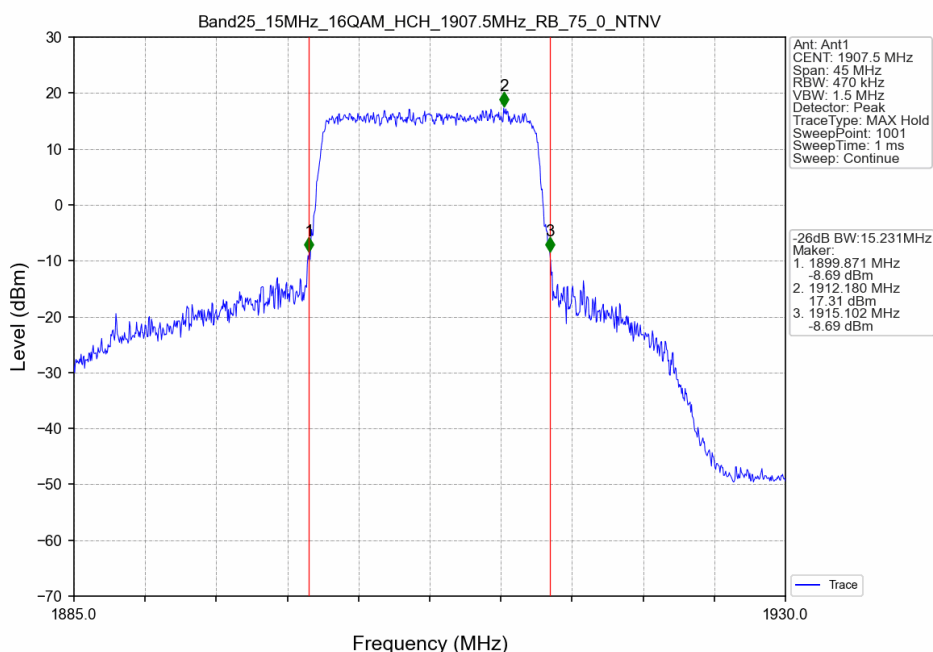


Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV

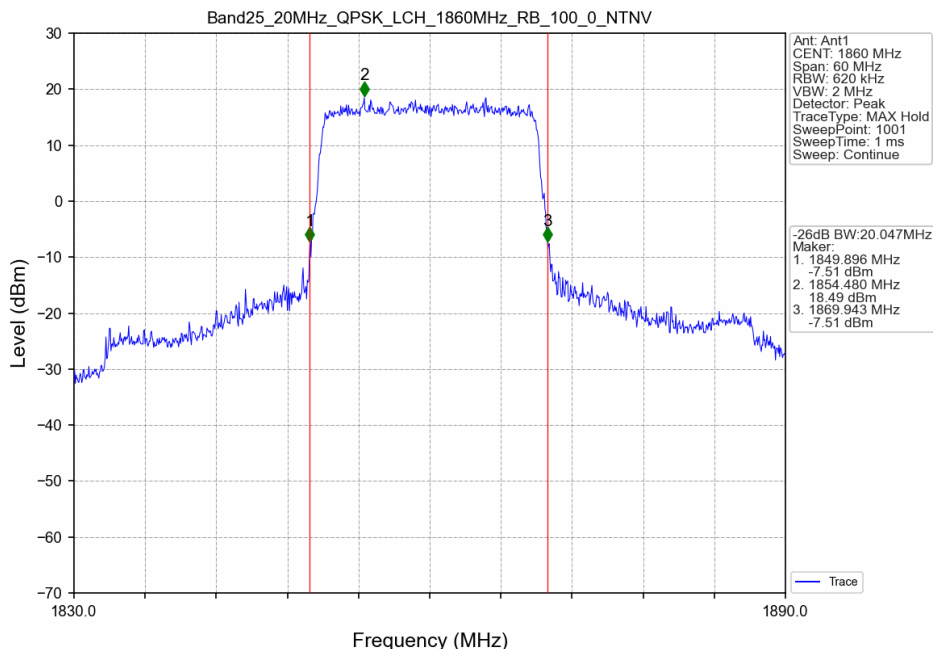


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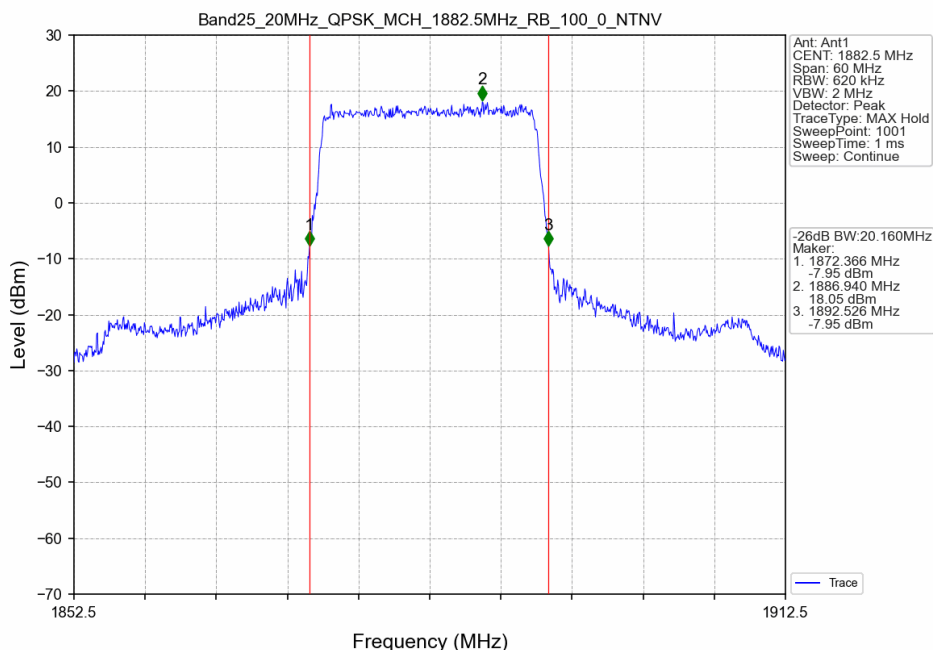
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Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV

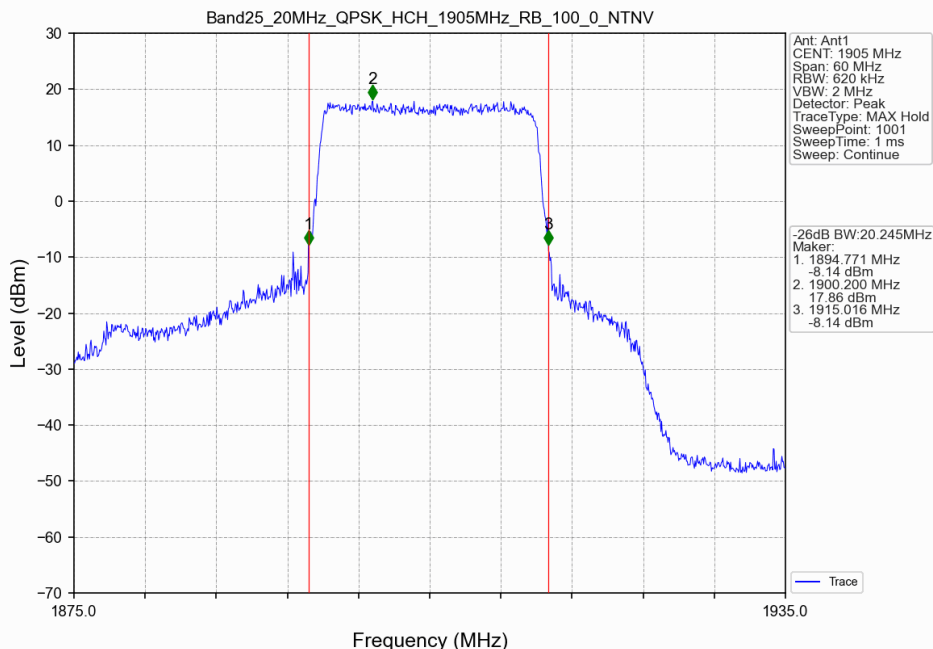


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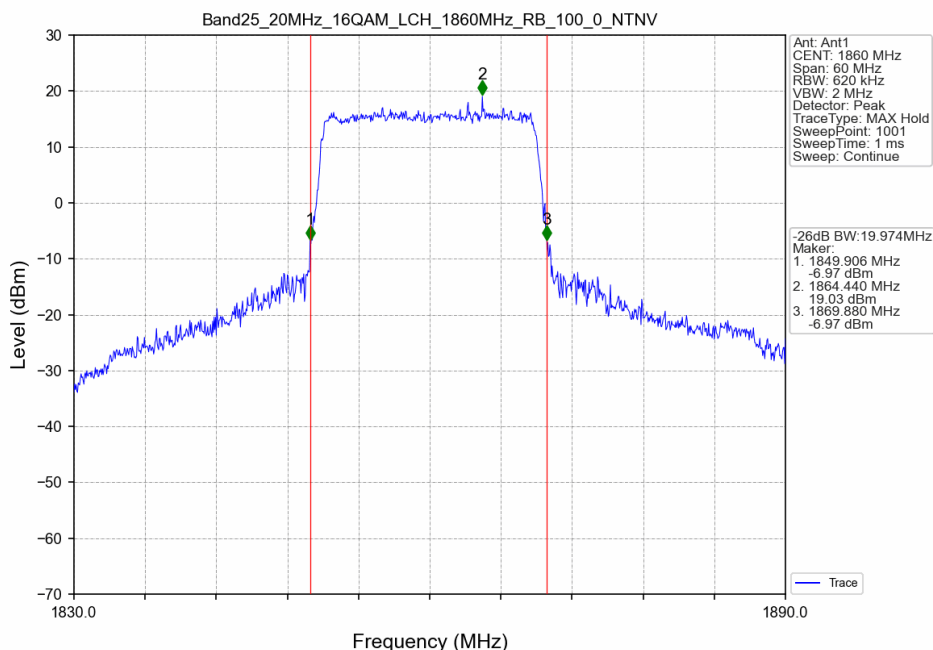
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Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV

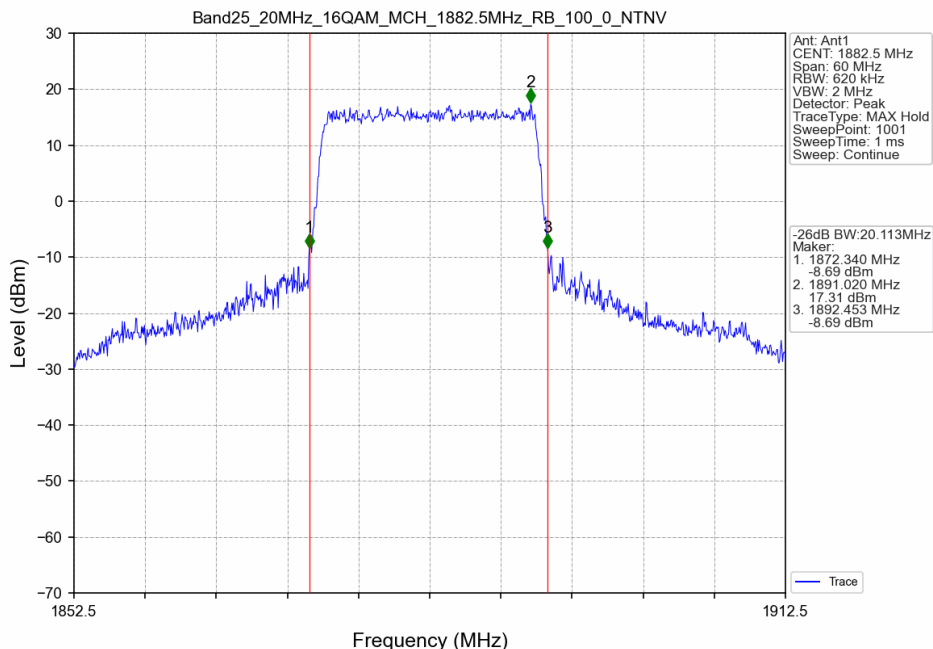


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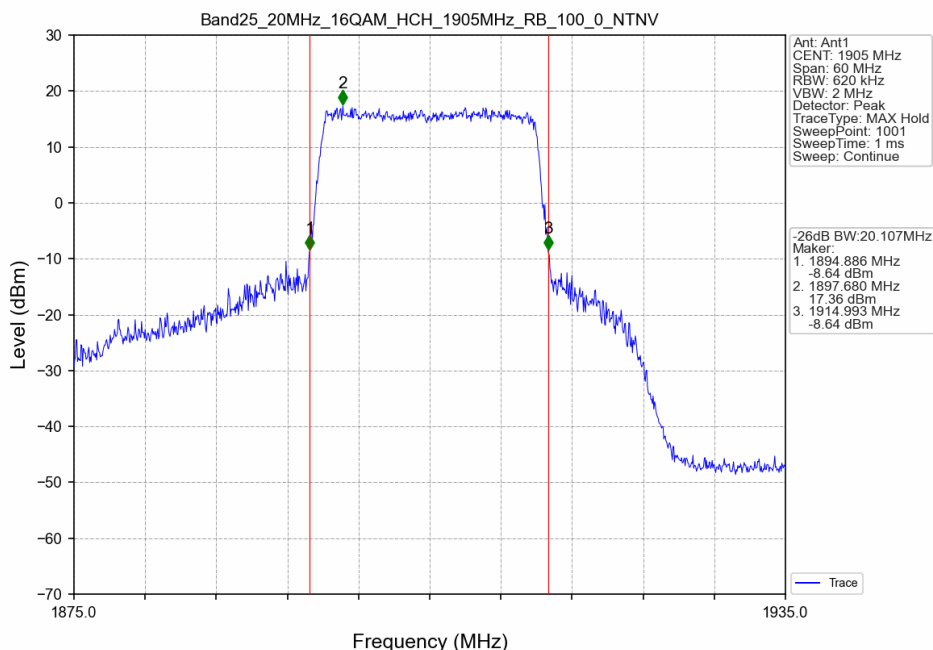
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Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



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4. Peak-Average Ratio

4.1 Test Result

4.1.1 B25_20MHz

Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.06	<=13	Pass
	1882.5	100	0	5.11	<=13	Pass
	1905	100	0	5.21	<=13	Pass
16QAM	1860	100	0	5.92	<=13	Pass
	1882.5	100	0	5.97	<=13	Pass
	1905	100	0	6.05	<=13	Pass



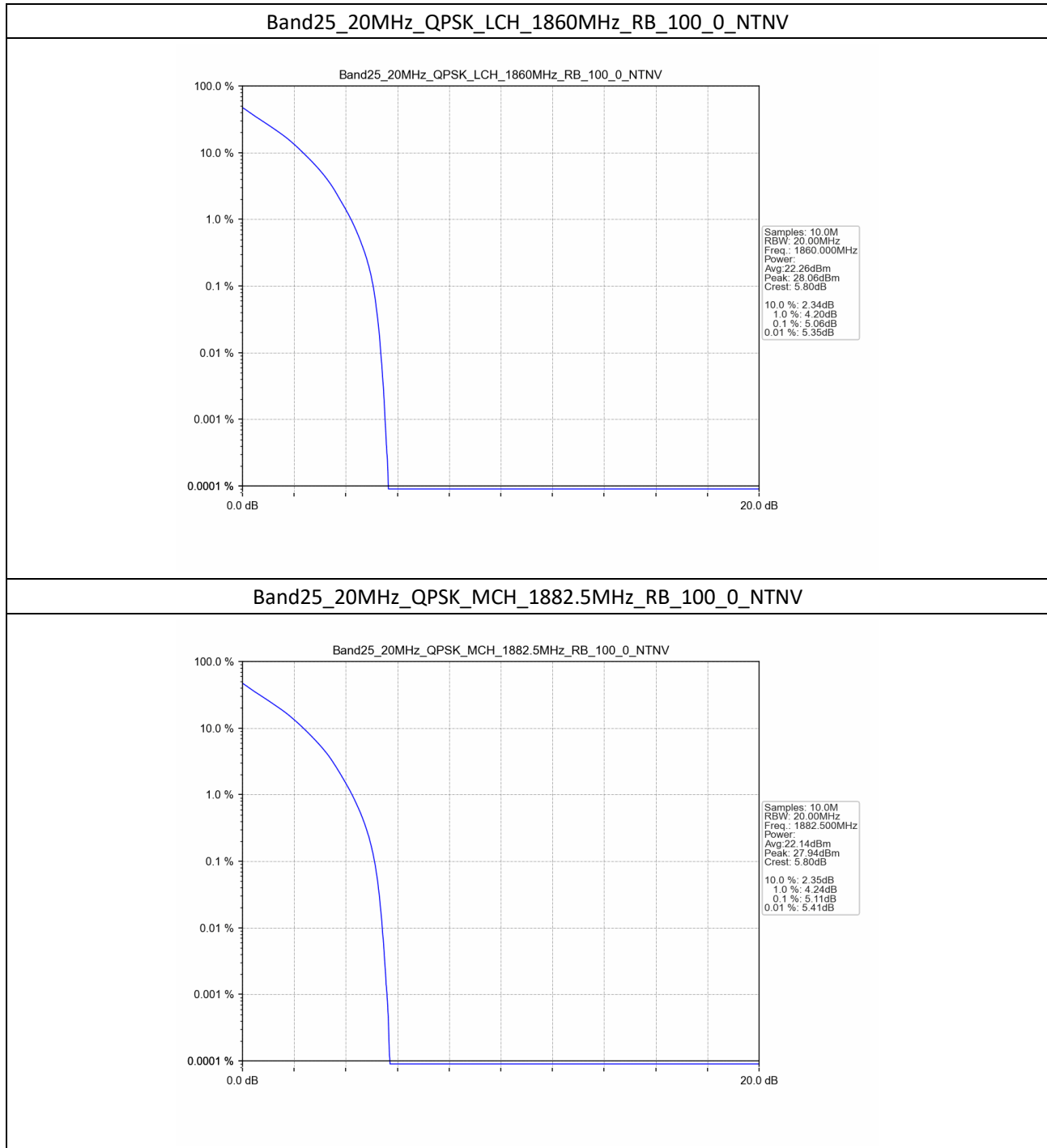
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4.2 Test Graph

4.2.1 B25_20MHz

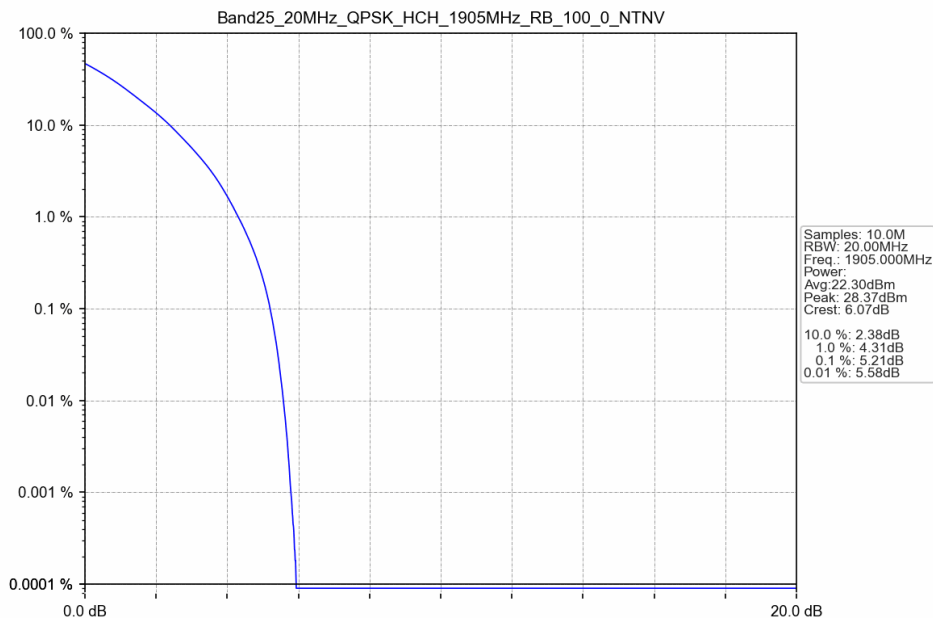


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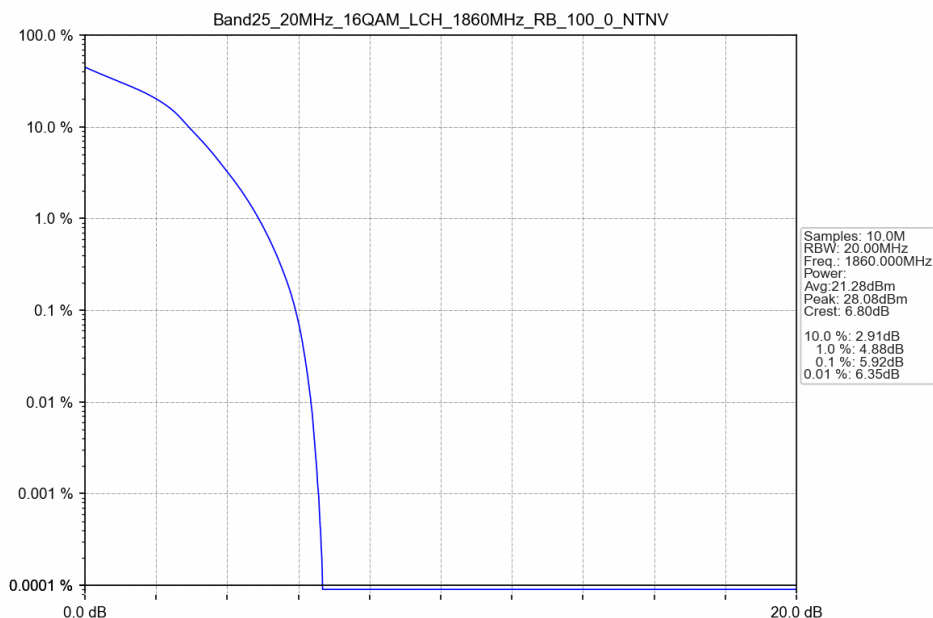
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Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV

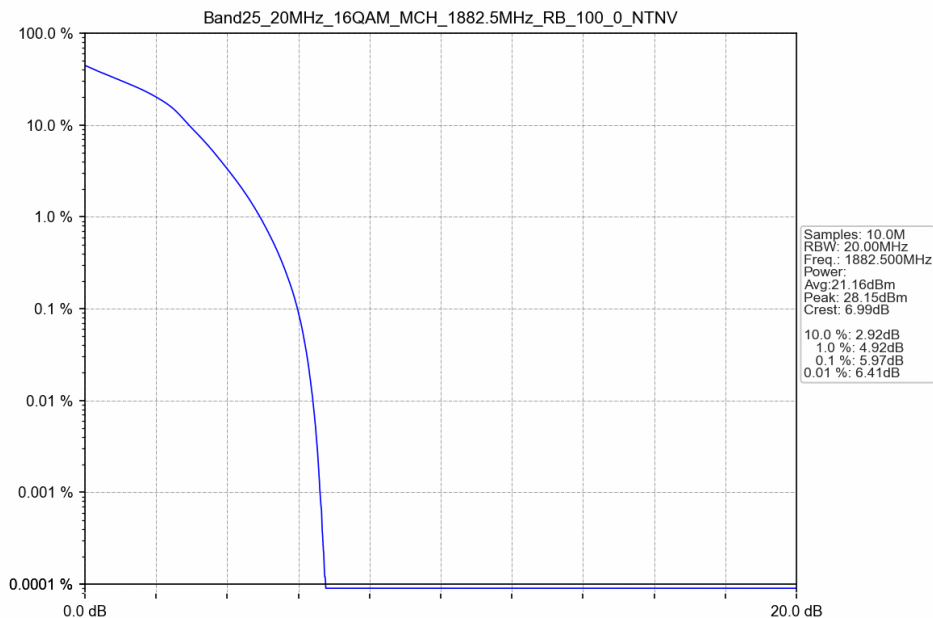


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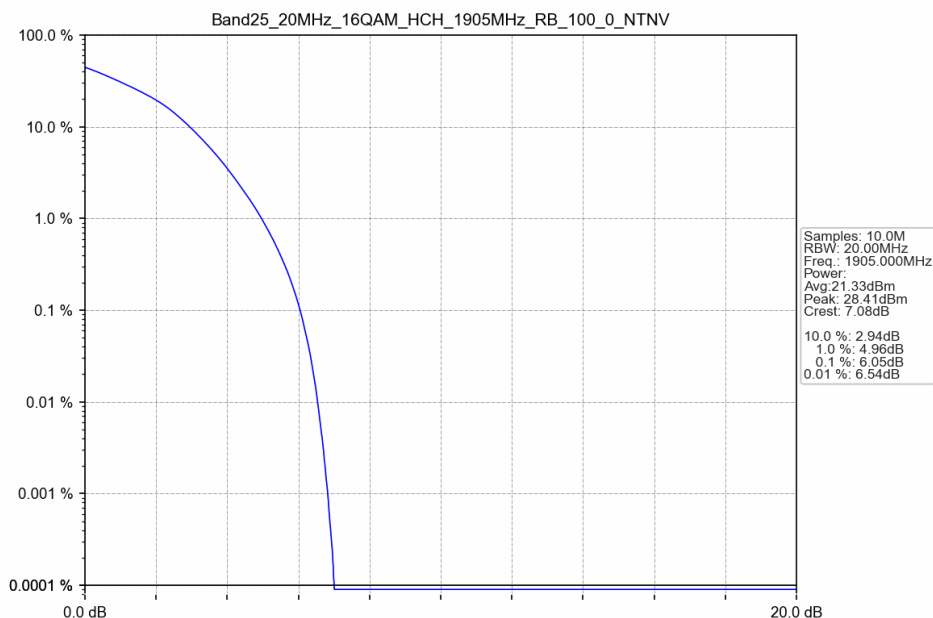
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Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



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5. Spurious Emission

5.1 Test Result

5.1.1 B25_1.4MHz

Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1913.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B25_5MHz

Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1912.5	1	0	Refer To Test Graph		Pass



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		24	Refer To Test Graph	Pass
	25	0	Refer To Test Graph	Pass

5.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1910	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.5 B25_15MHz

Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.6 B25_20MHz

Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass



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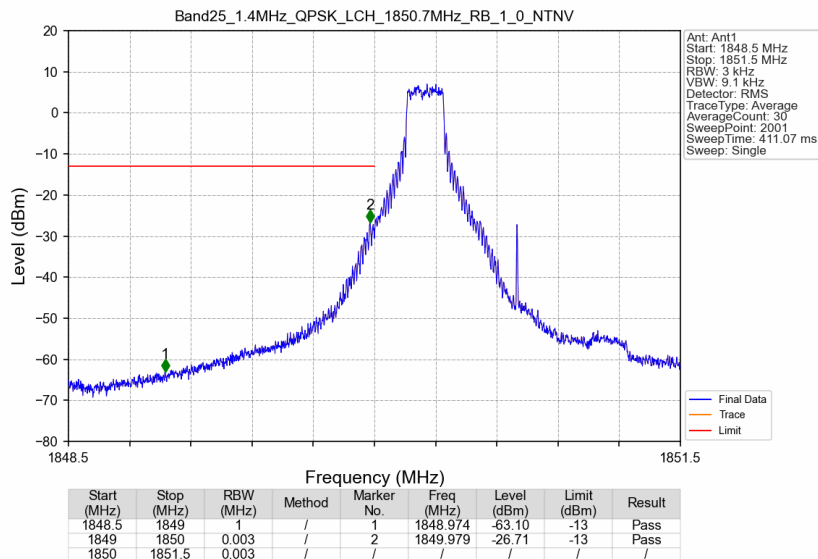
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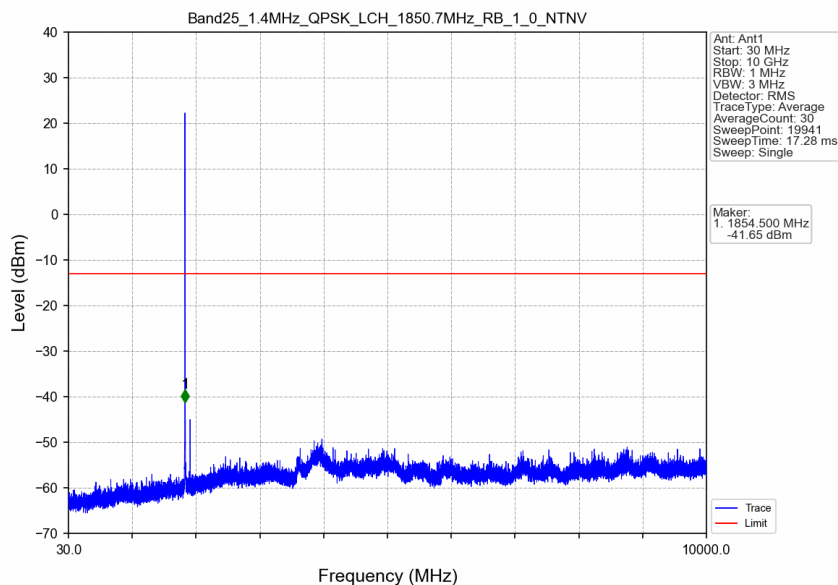
5.2 Test Graph

5.2.1 B25_1.4MHz

Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

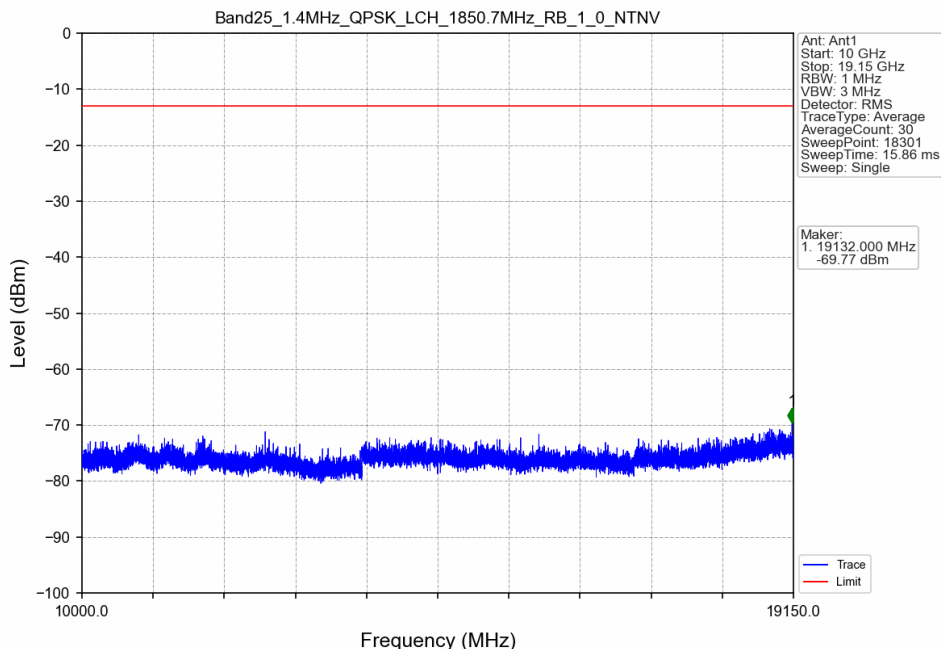


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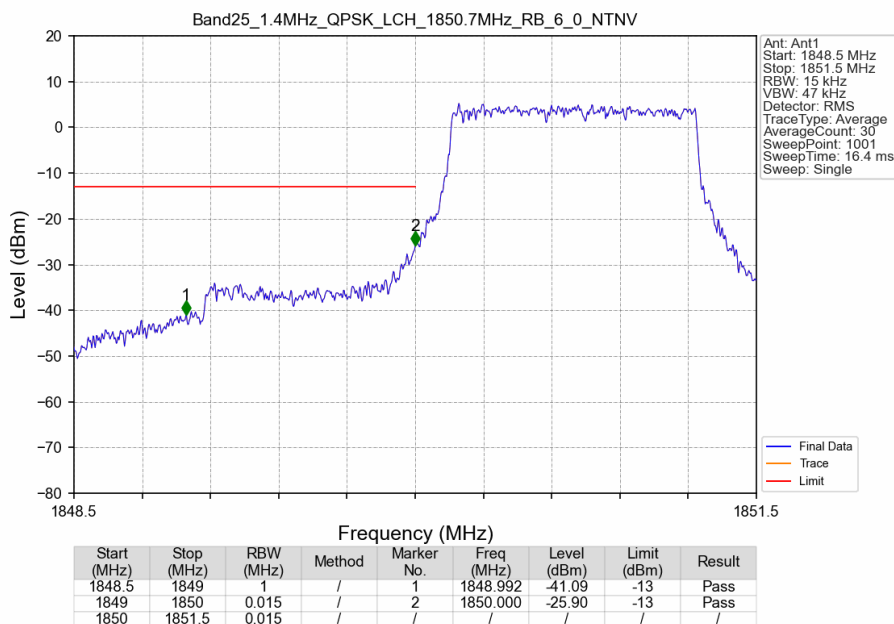
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Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

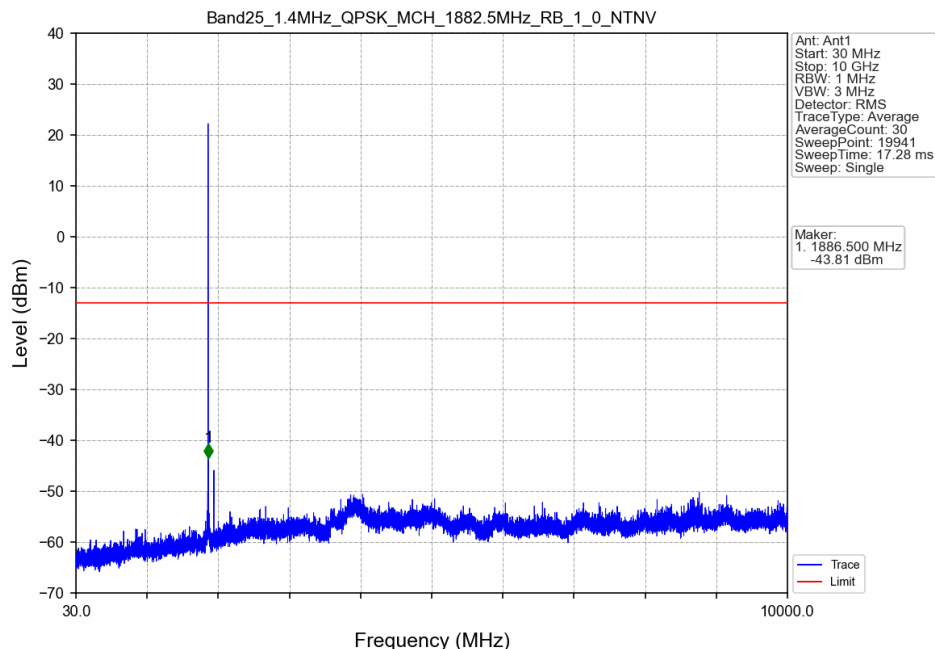


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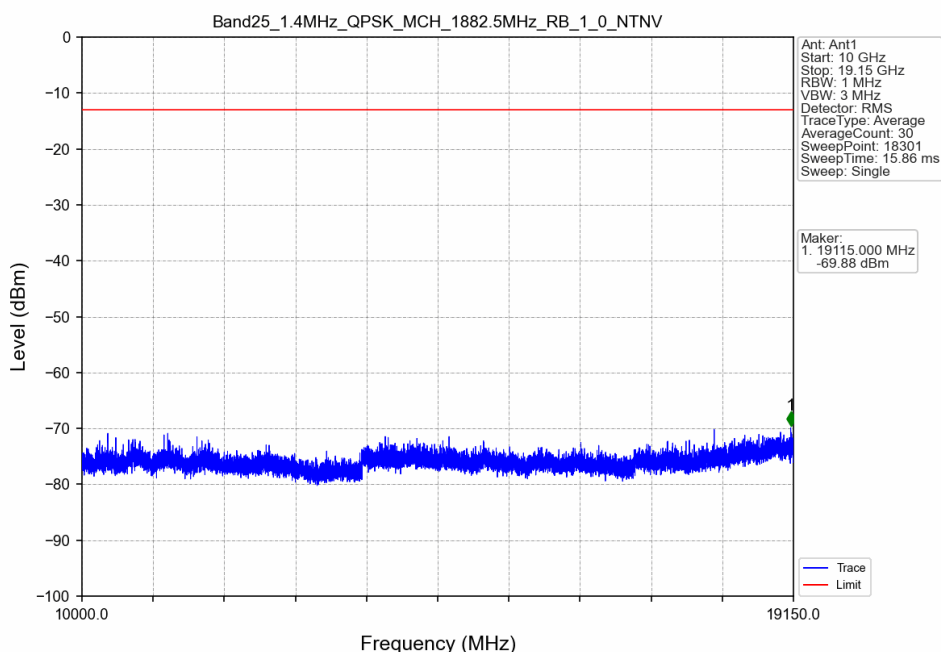
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Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV

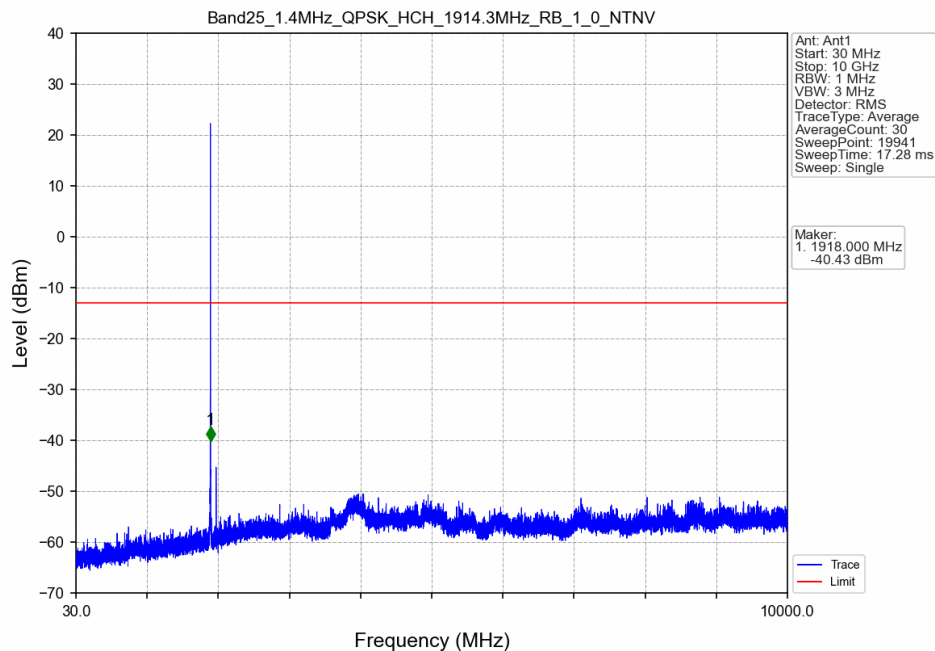


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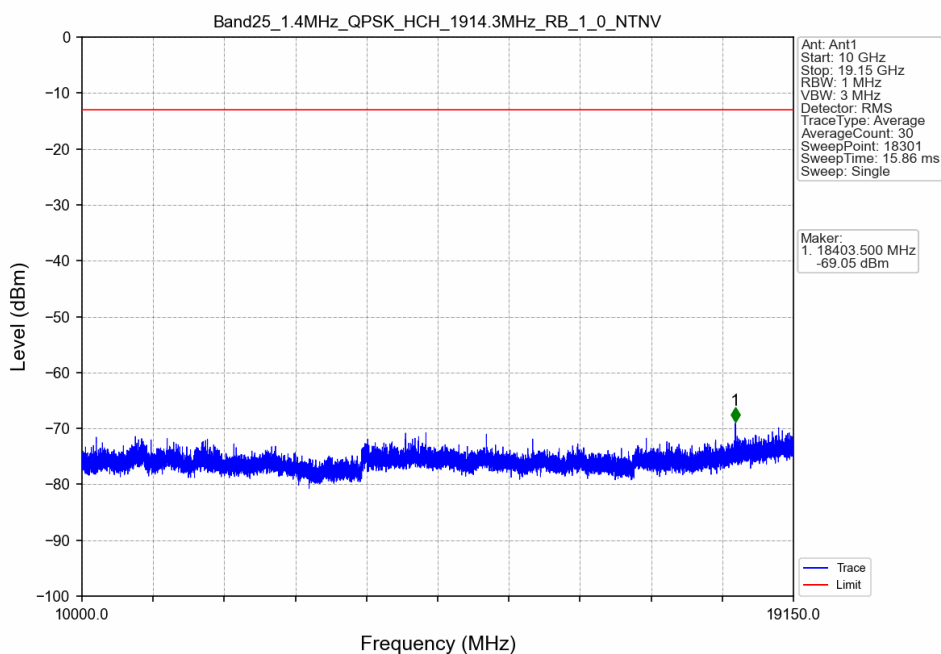
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Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV

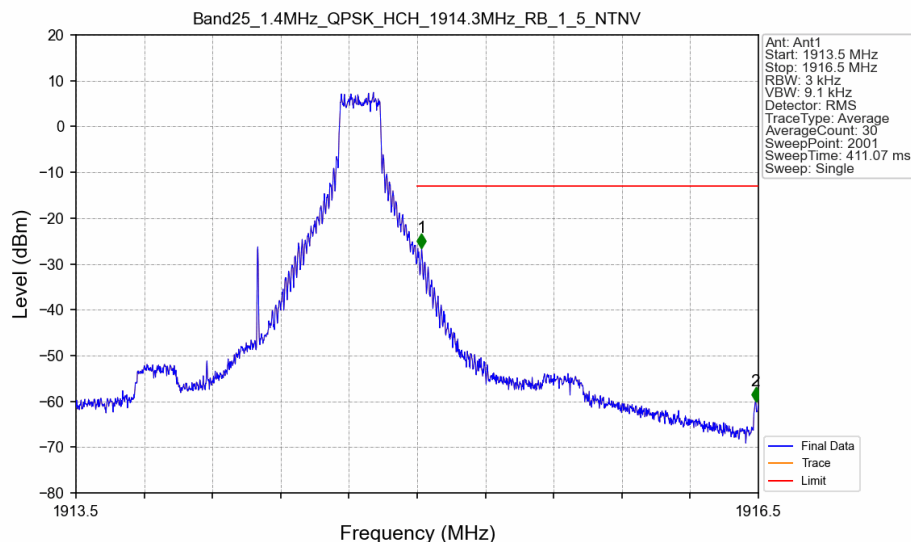


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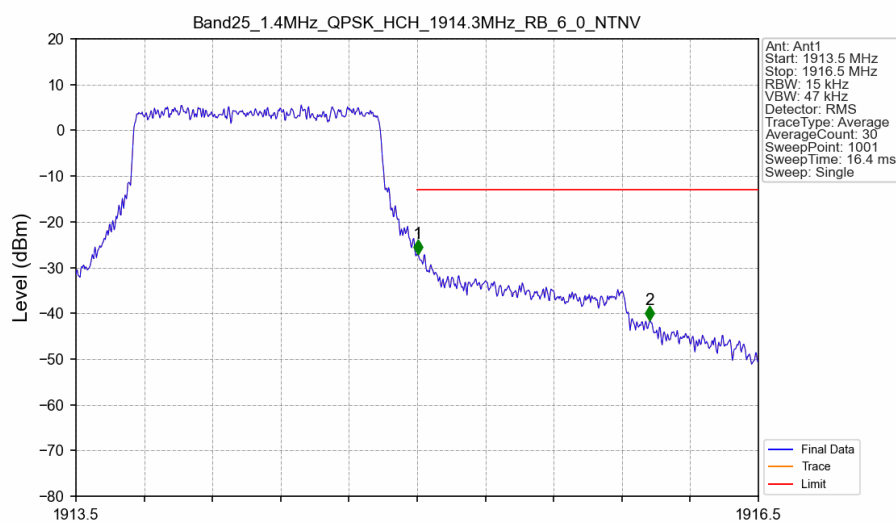
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Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1913.5	1915	0.003	/	1	1915.020	-26.47	-13	Pass
1915	1916	0.003	/	2	1916.488	-60.00	-13	Pass

Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1913.5	1915	0.015	/	1	1915.003	-27.02	-13	Pass
1915	1916	0.015	/	2	1916.023	-41.49	-13	Pass



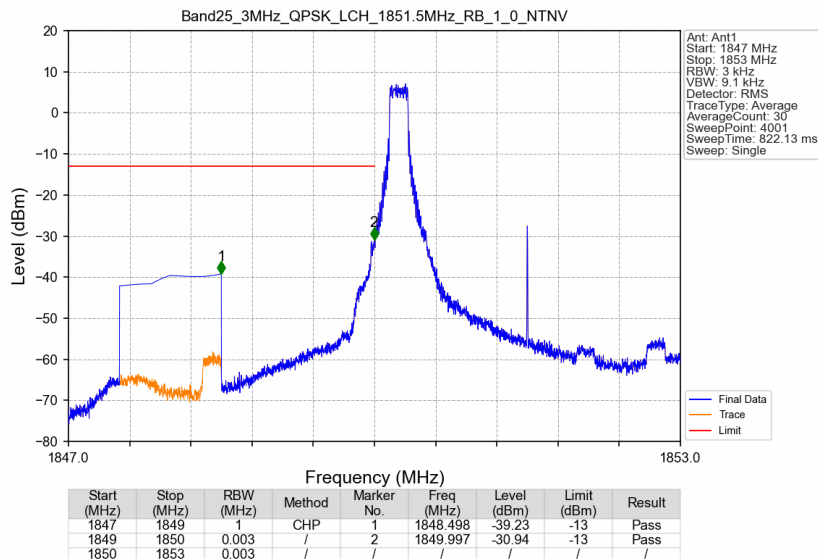
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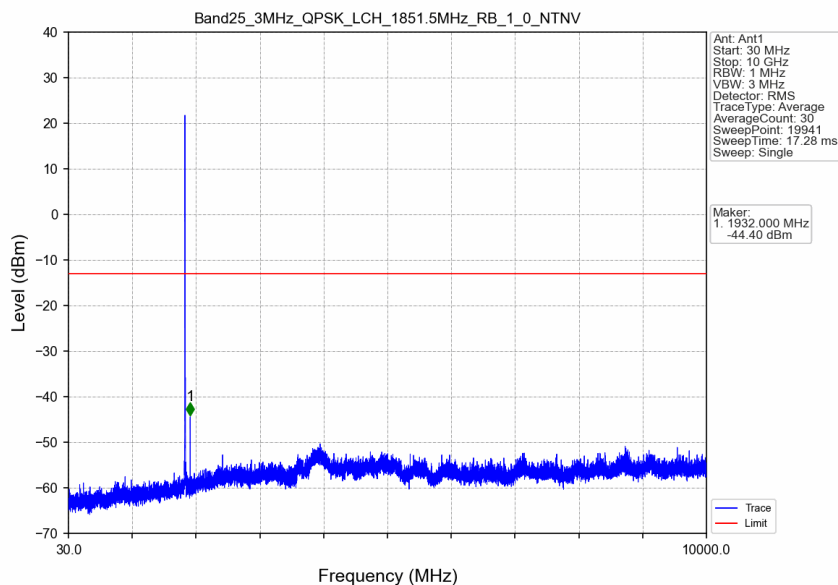
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5.2.2 B25_3MHz

Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

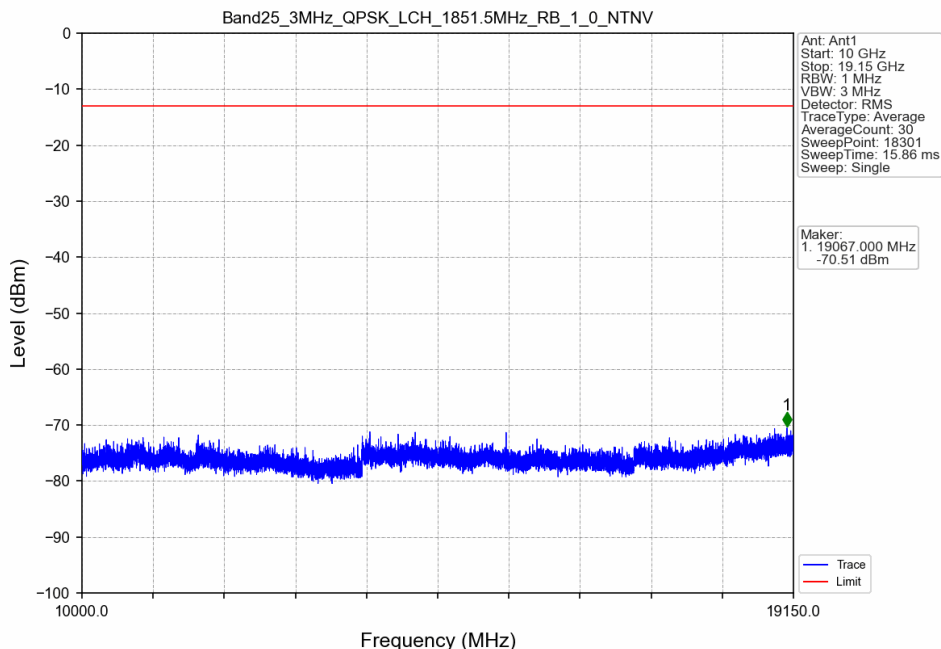


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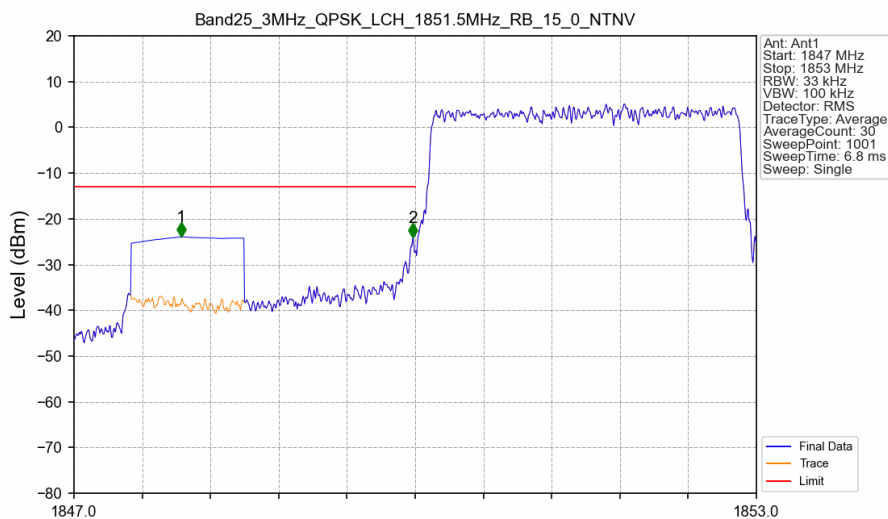
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Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1847.942	-23.96	-13	Pass
1849	1850	0.033	/	2	1849.982	-24.08	-13	Pass
1850	1853	0.033	/	/	/	/	/	/

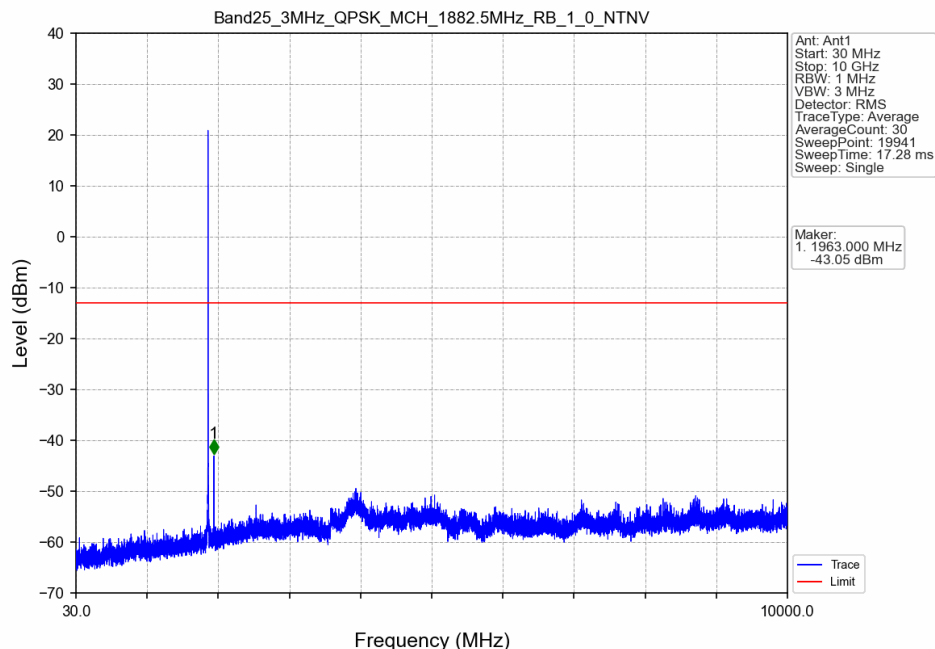


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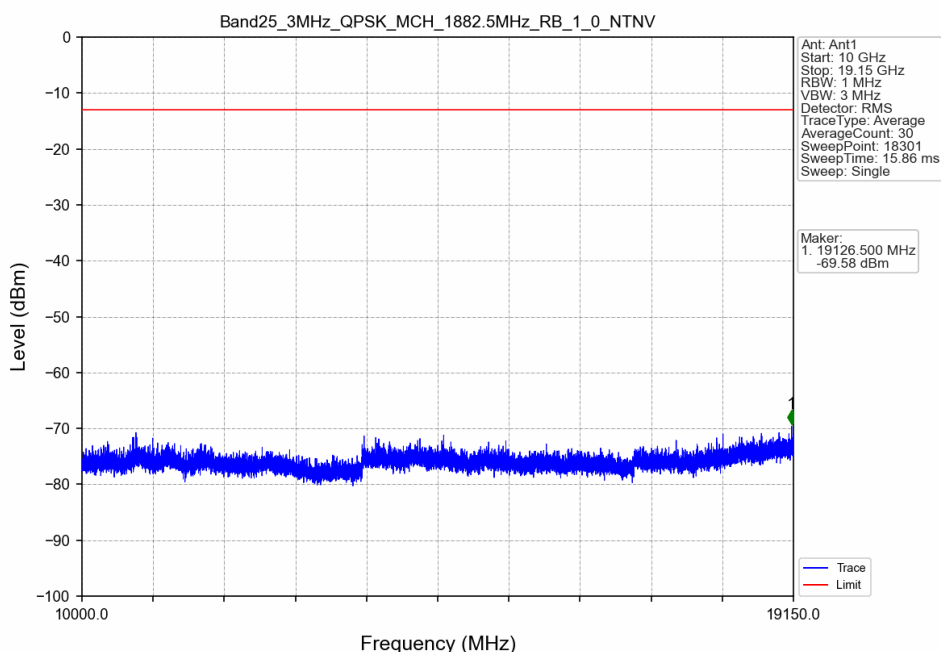
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Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV

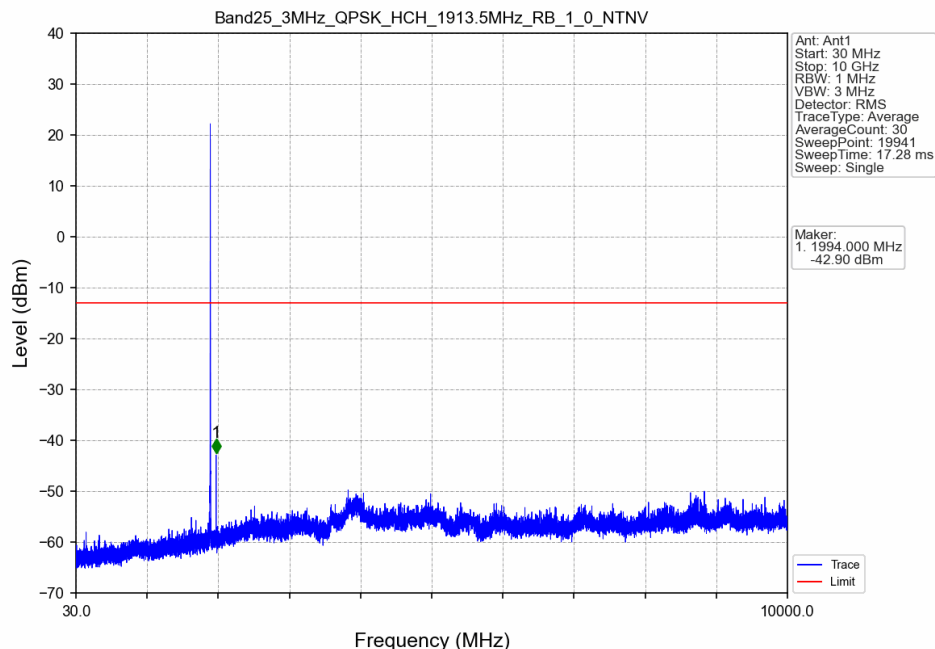


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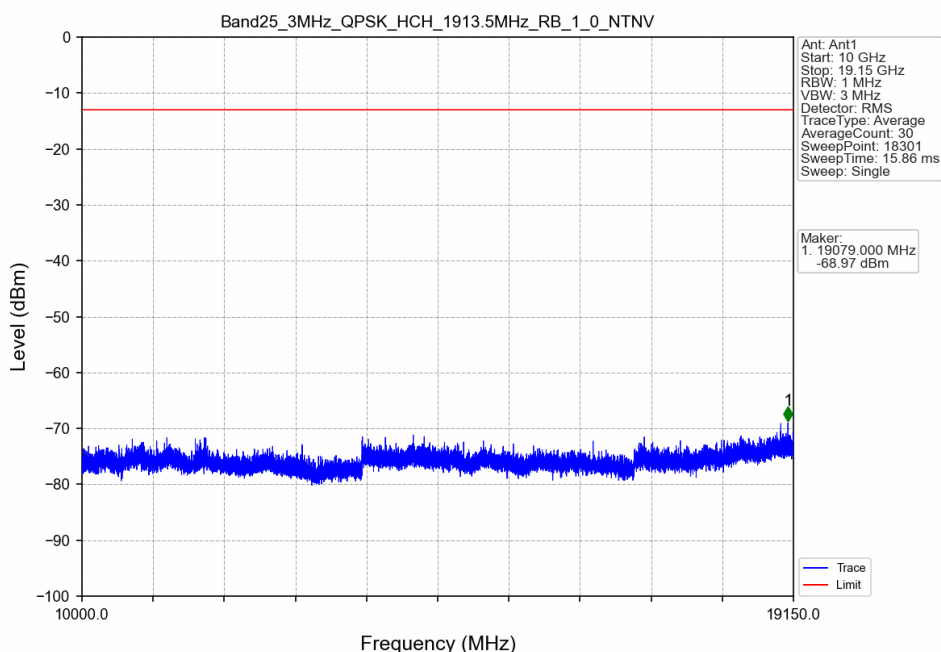
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Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV

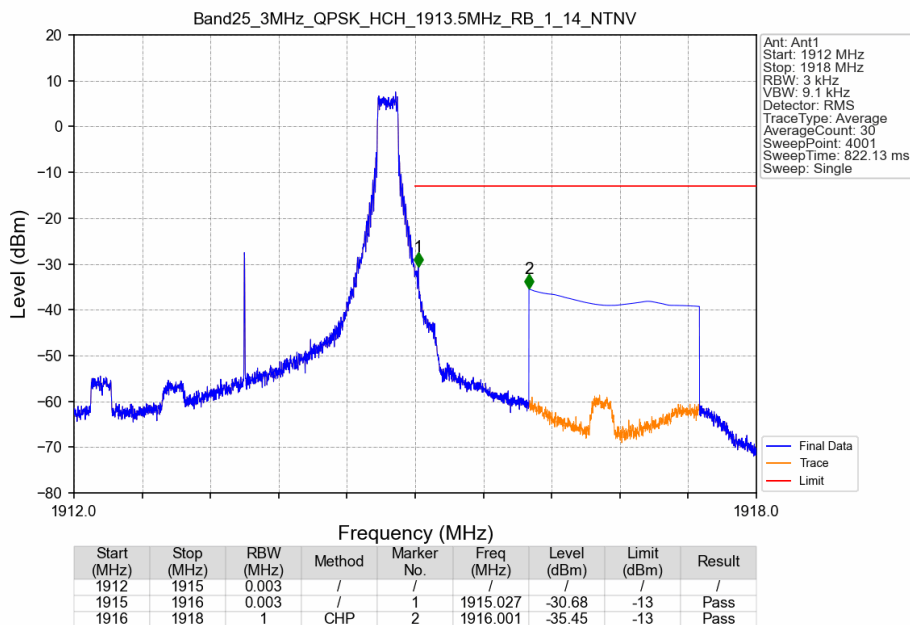


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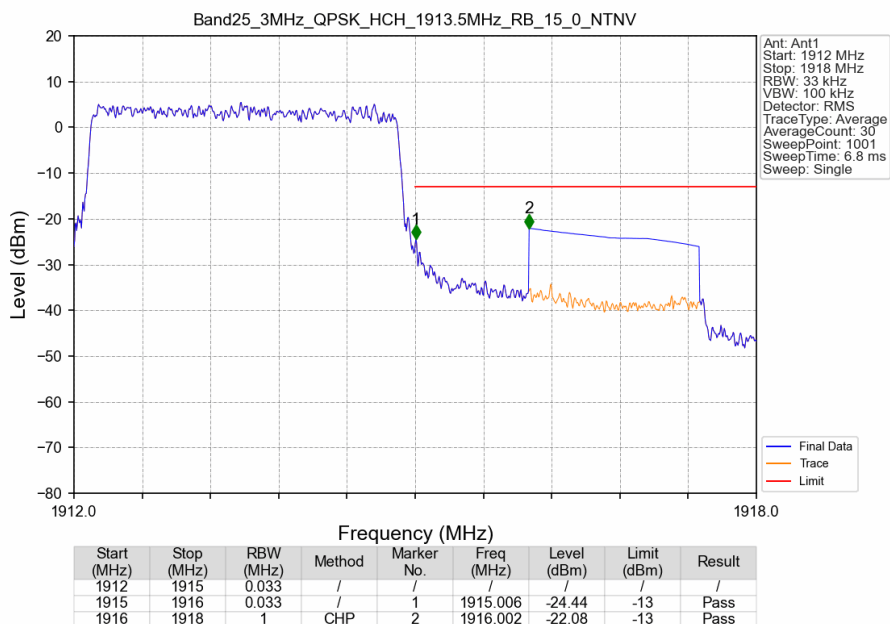
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Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_14_NTNV



Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



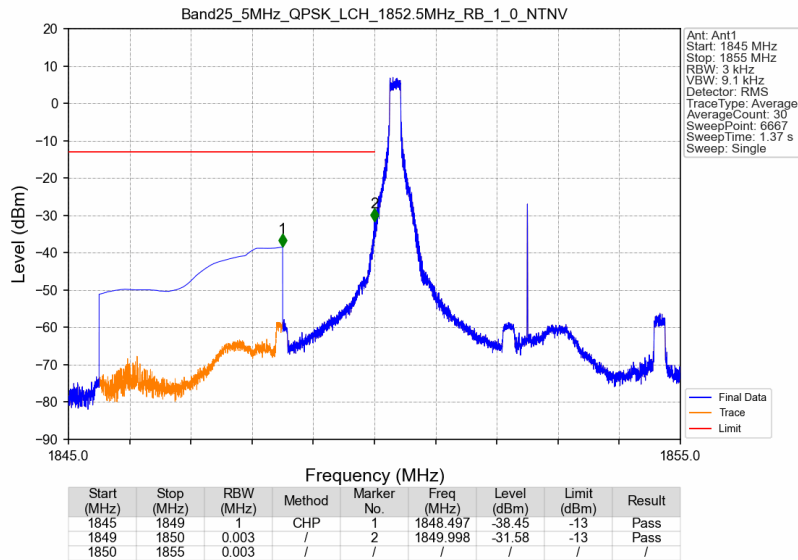
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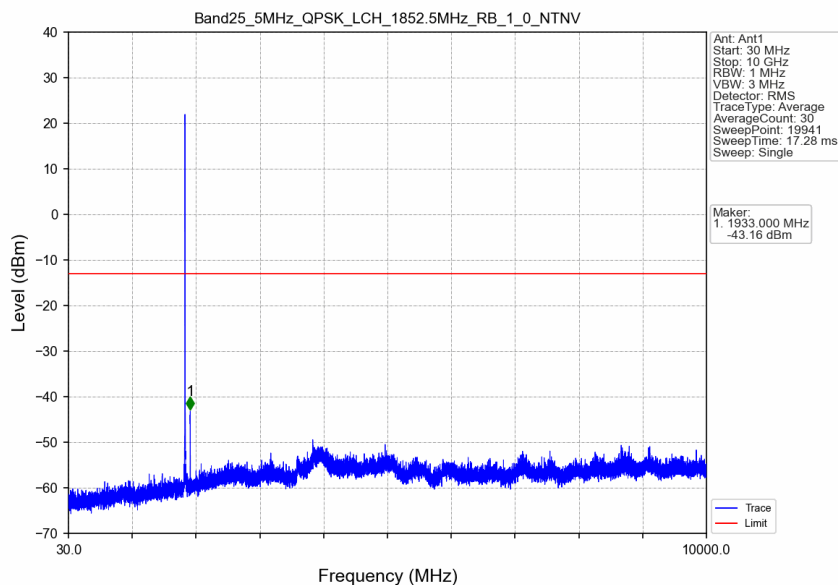
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5.2.3 B25_5MHz

Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

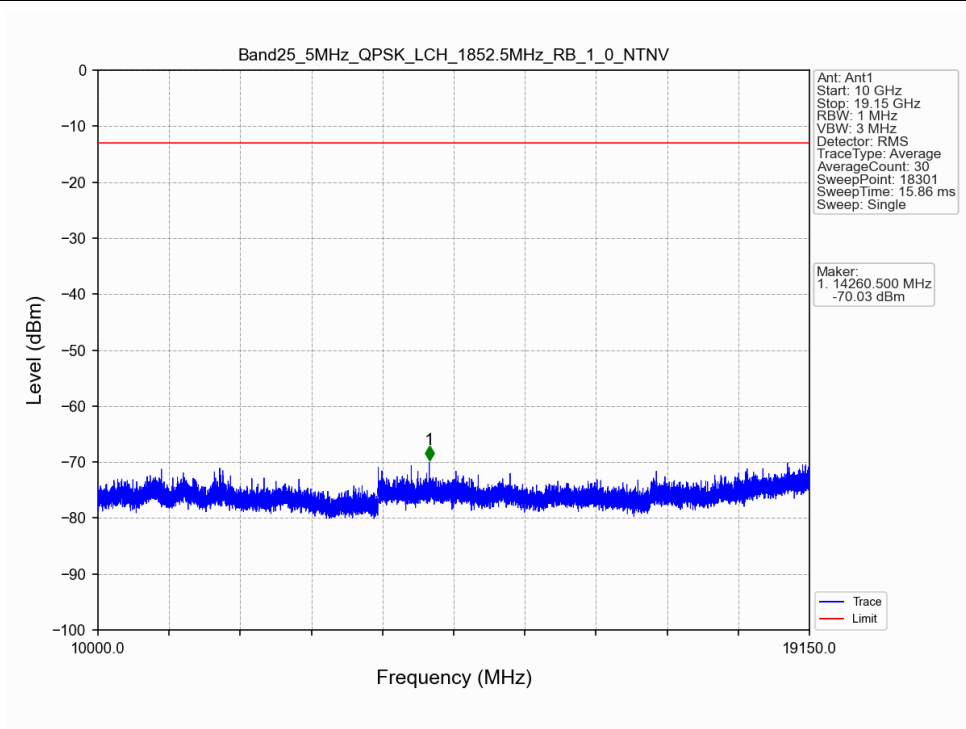


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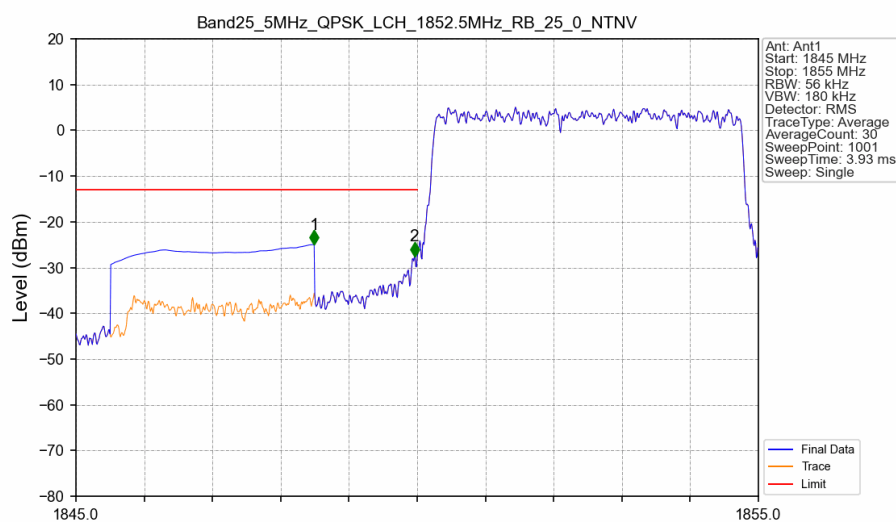
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Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-24.98	-13	Pass
1849	1850	0.056	/	2	1849.960	-27.56	-13	Pass
1850	1855	0.056	/	/	/	/	/	/

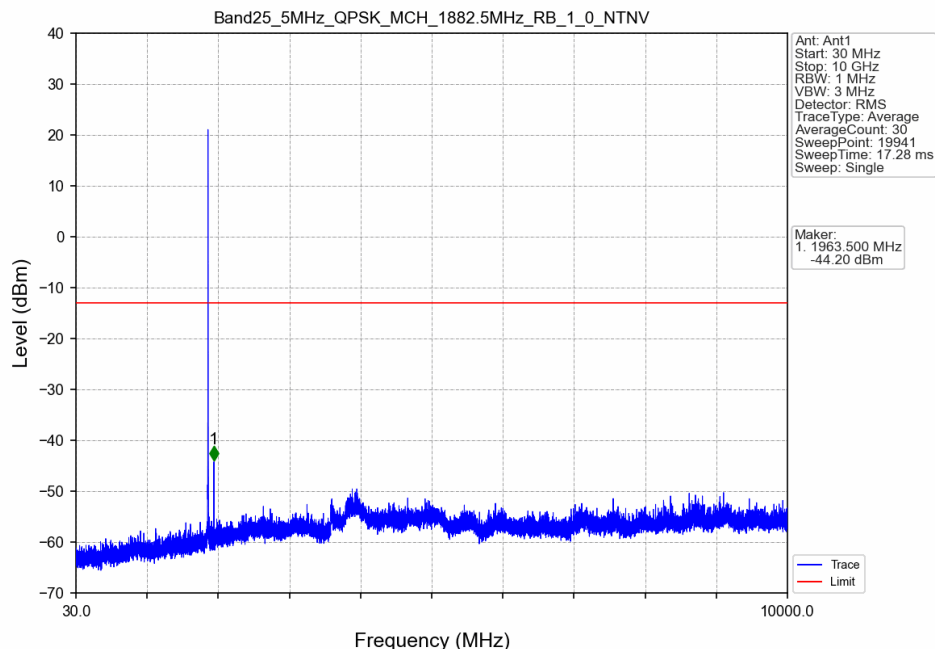


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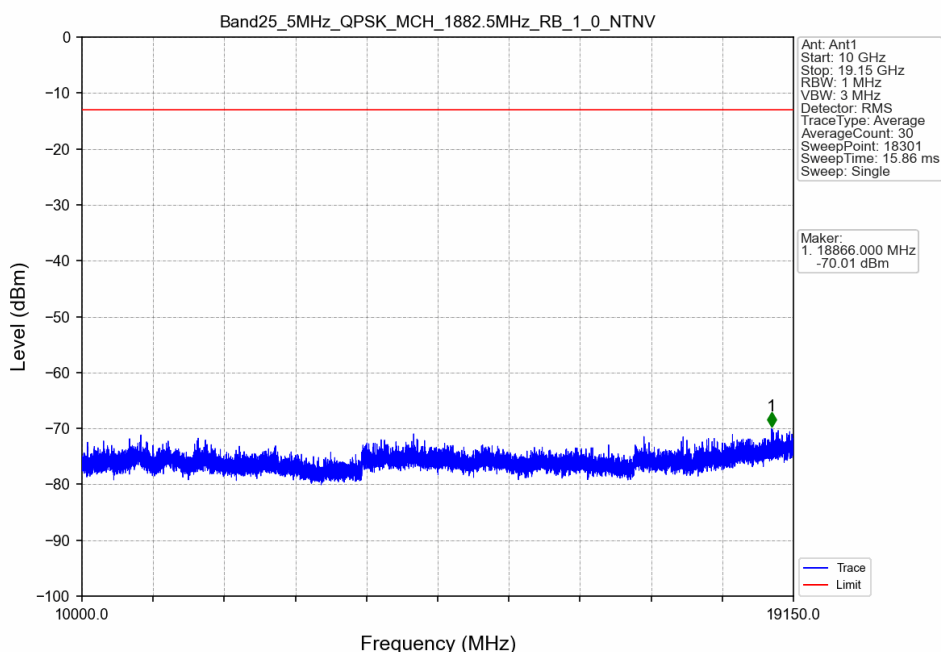
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Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV

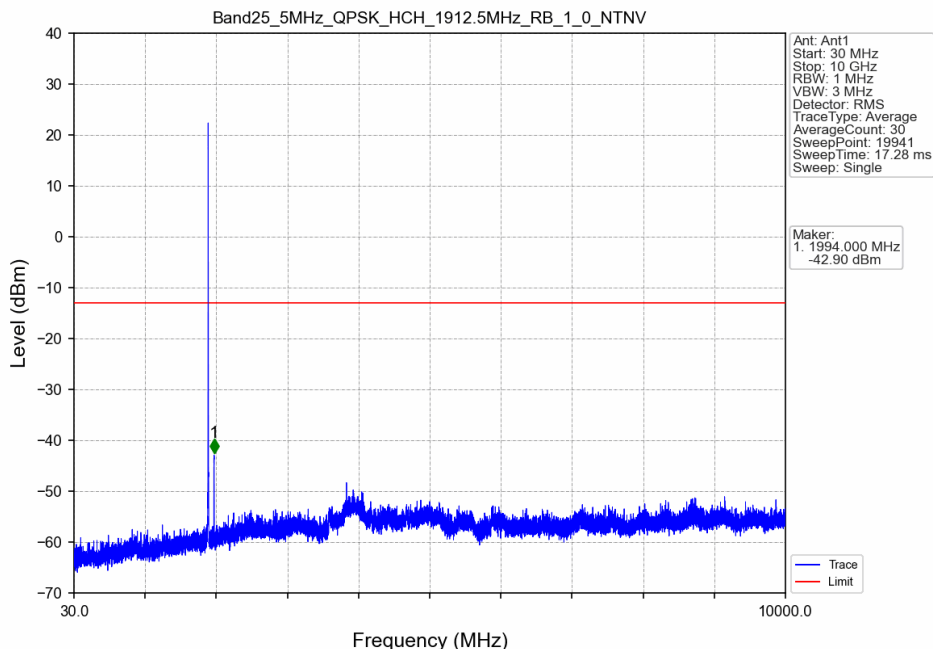


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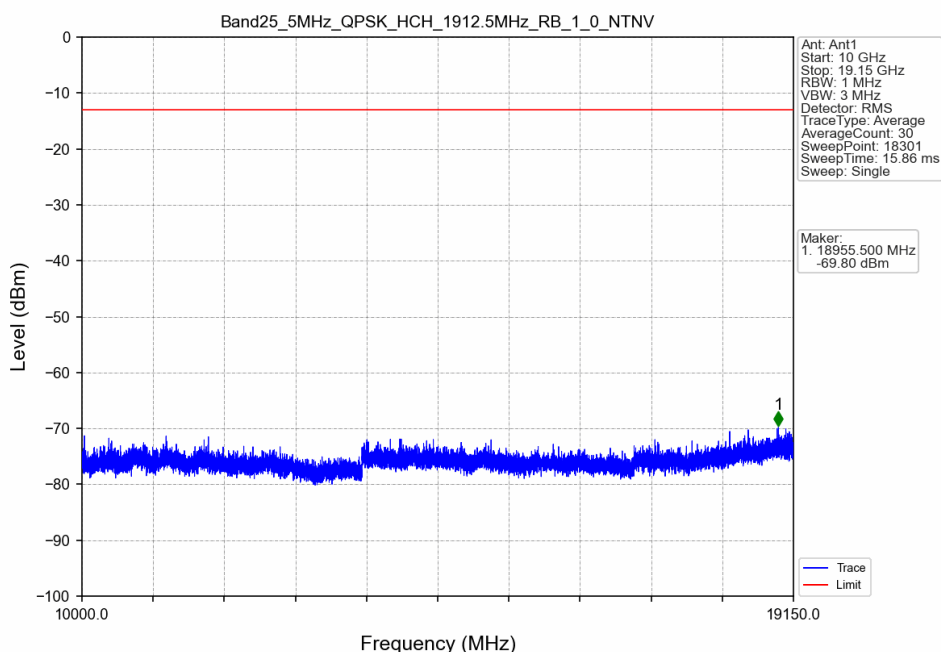
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Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV

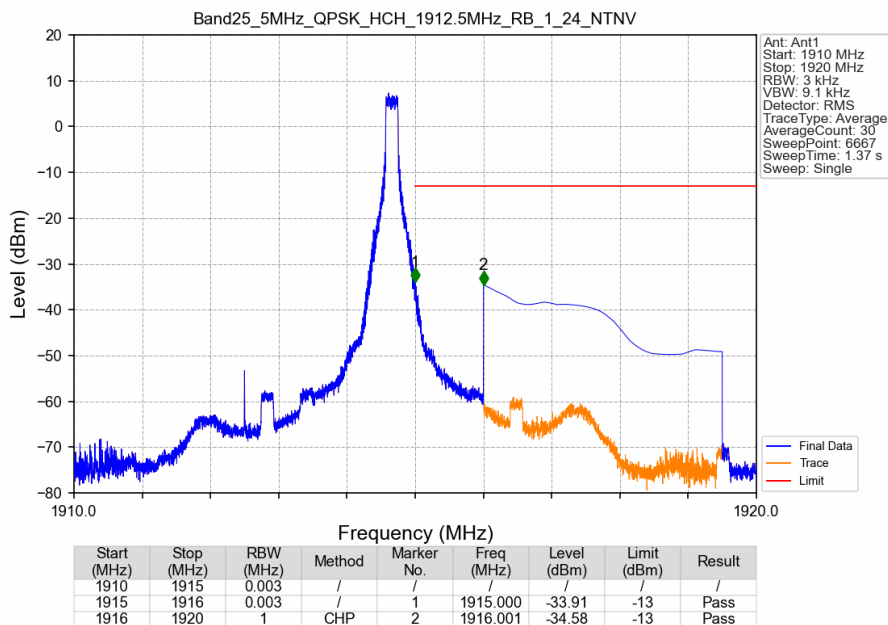


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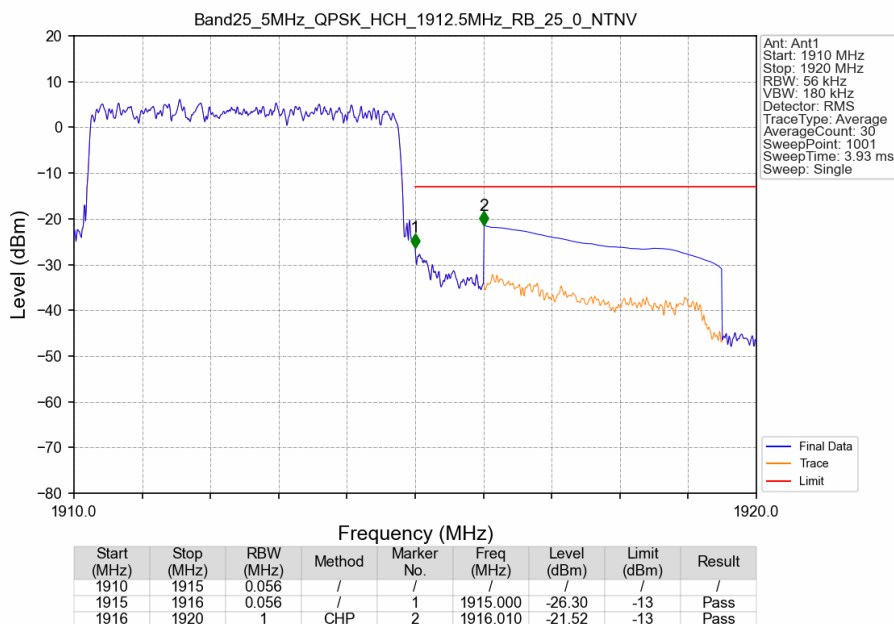
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Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_24_NTNV



Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV

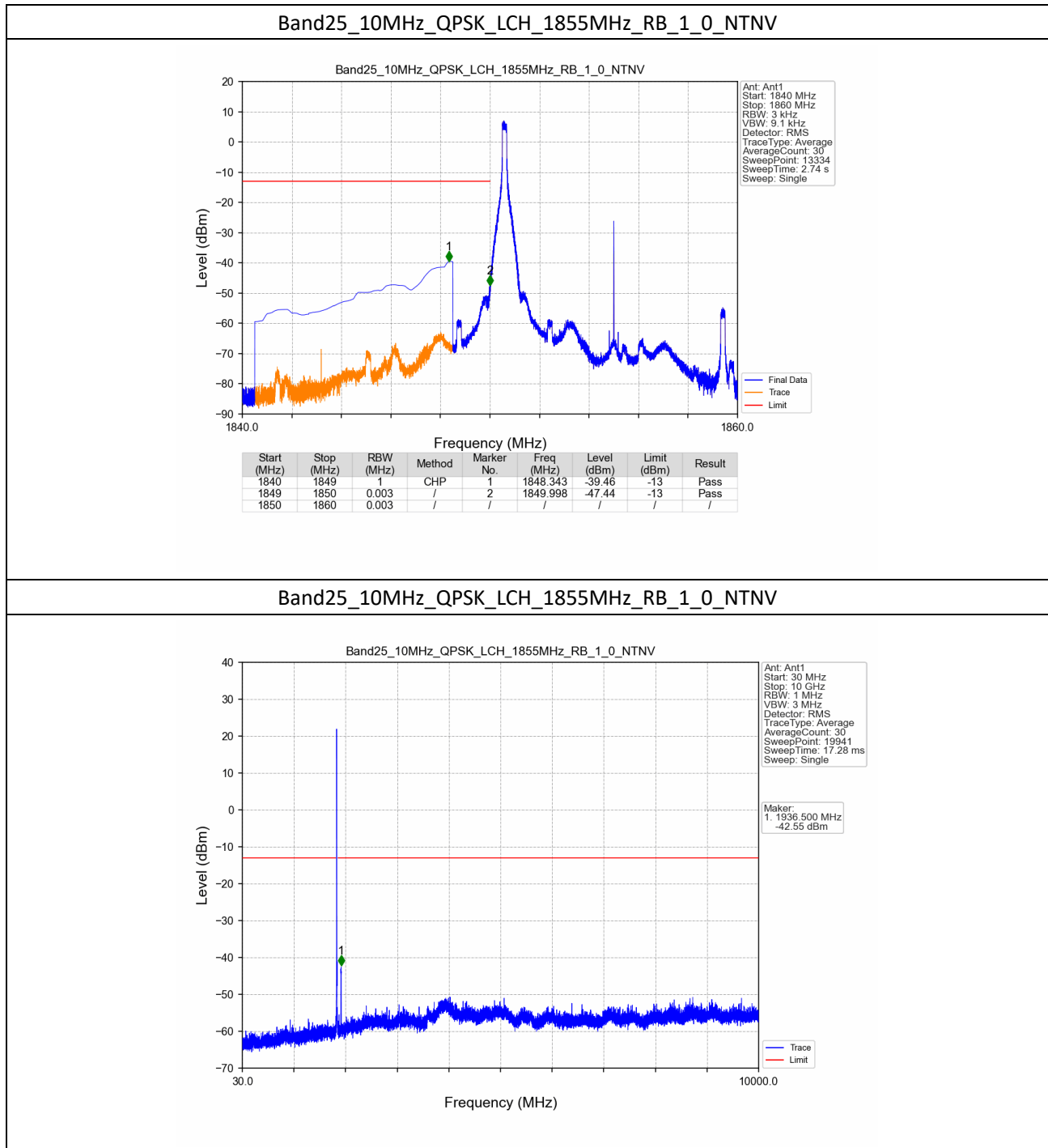


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5.2.4 B25_10MHz

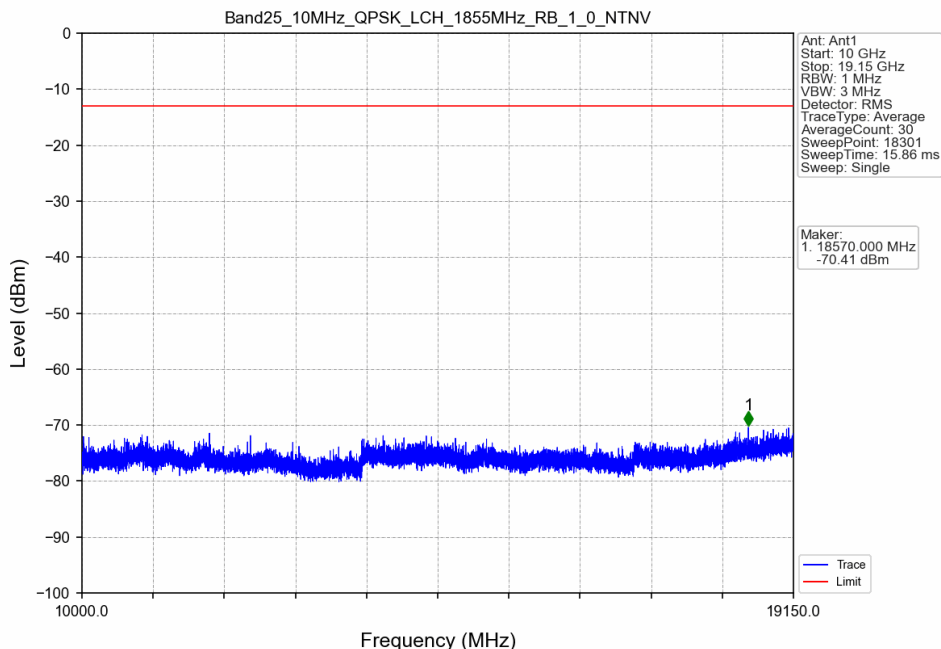


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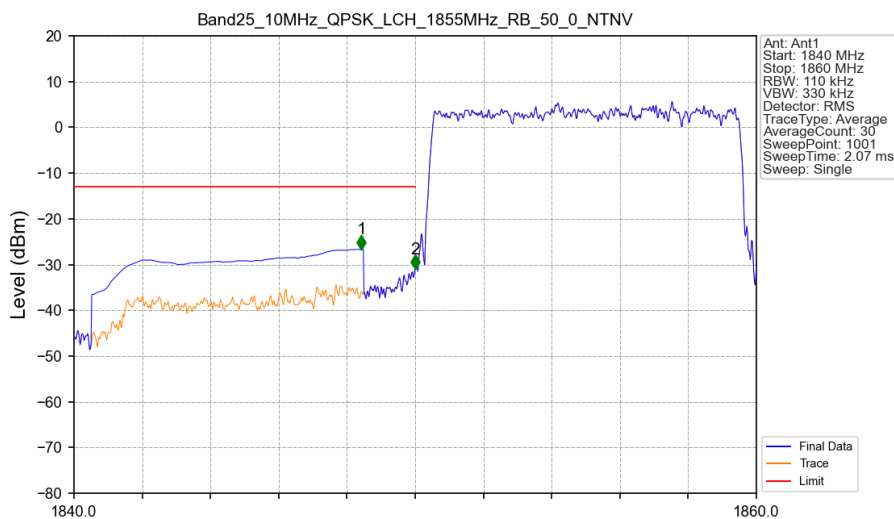
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Band25_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV



Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.420	-26.66	-13	Pass
1849	1850	0.11	/	2	1850.000	-31.03	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

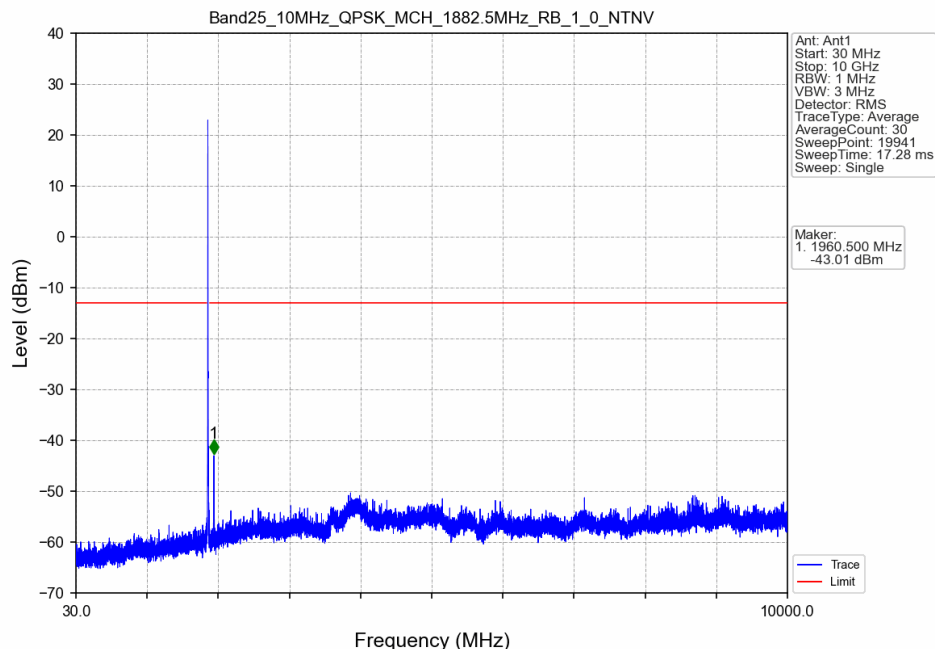


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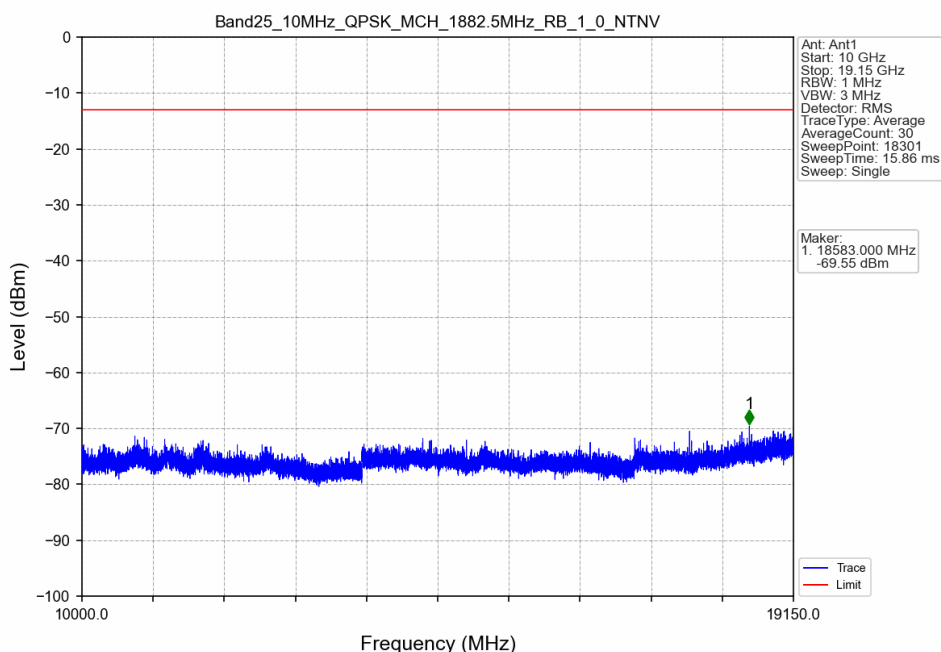
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Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV

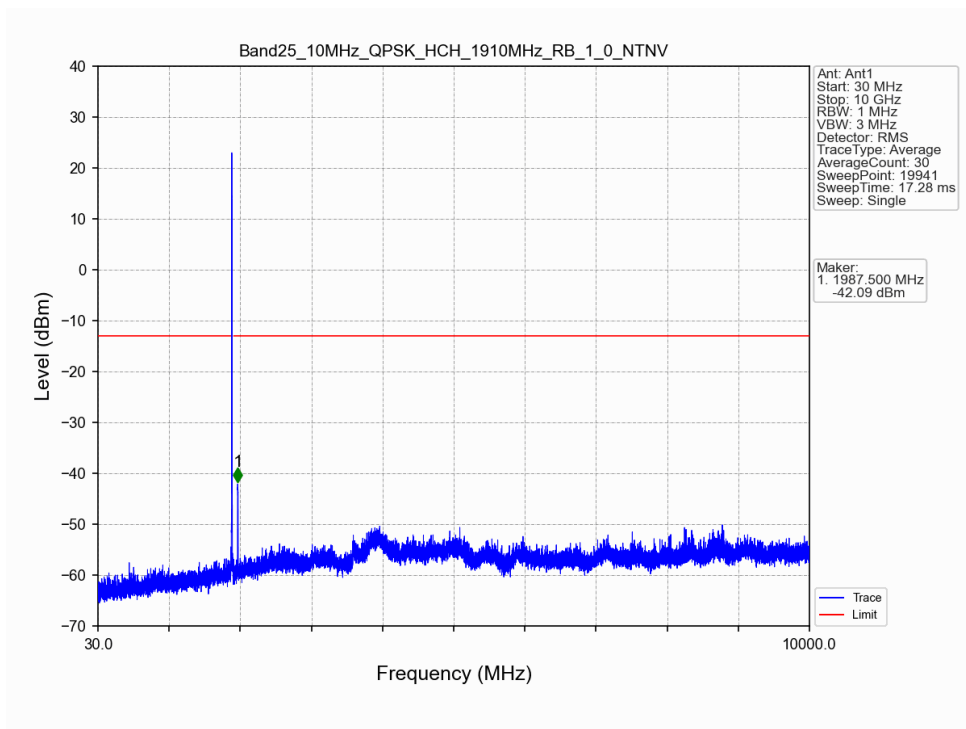


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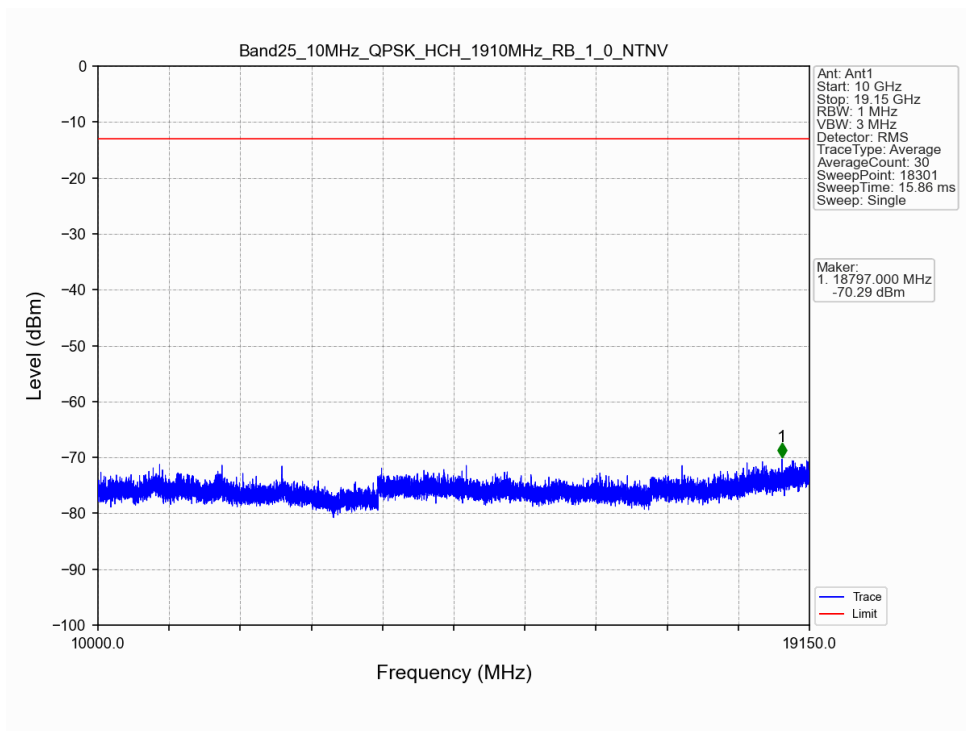
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Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV



Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV

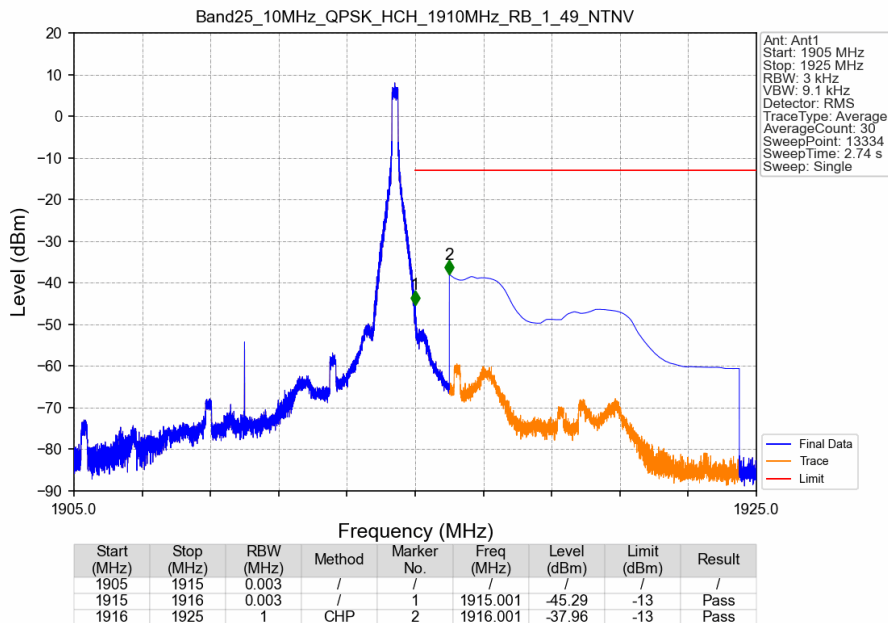


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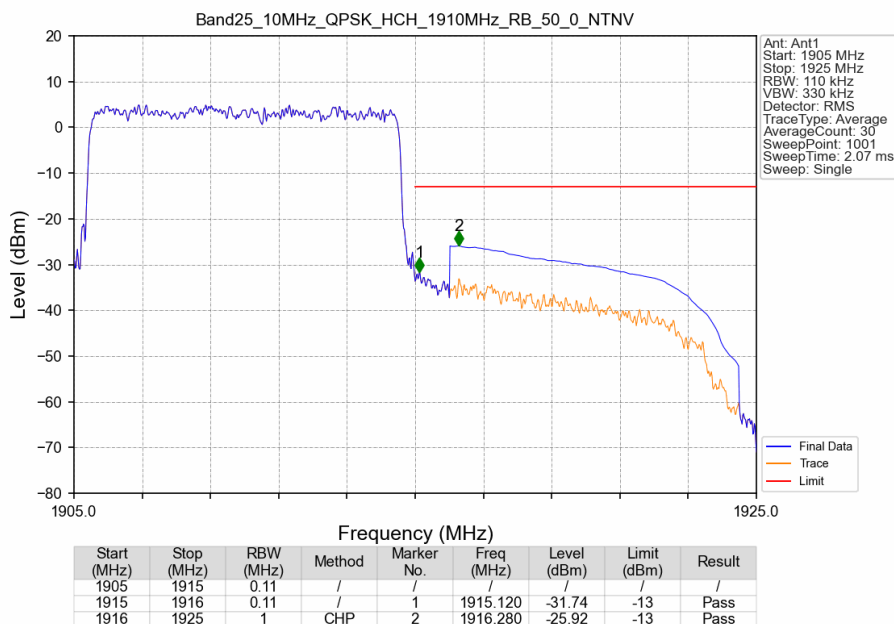
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Band25_10MHz_QPSK_HCH_1910MHz_RB_1_49_NTNV



Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



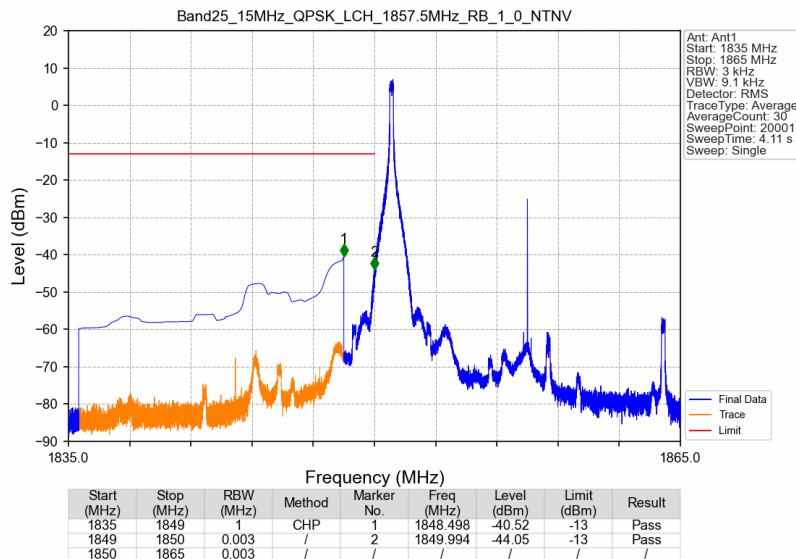
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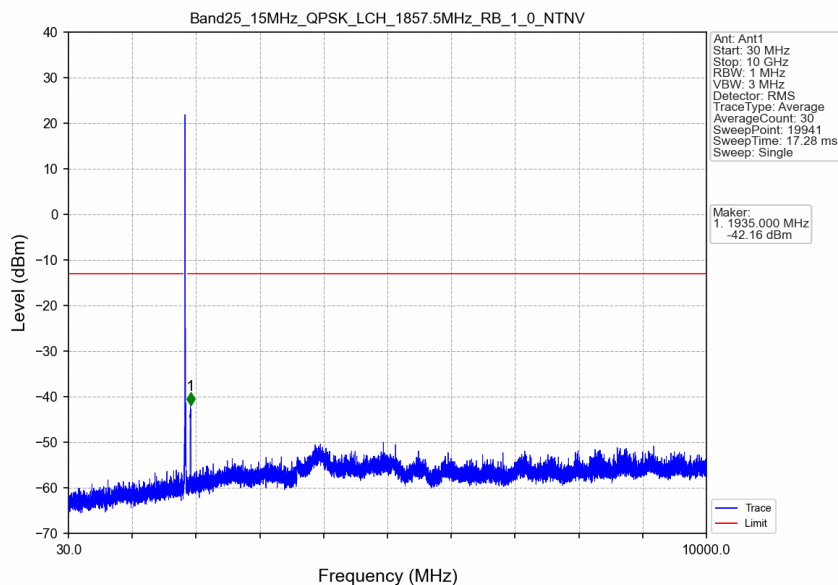
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5.2.5 B25_15MHz

Band25_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV



Band25_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV



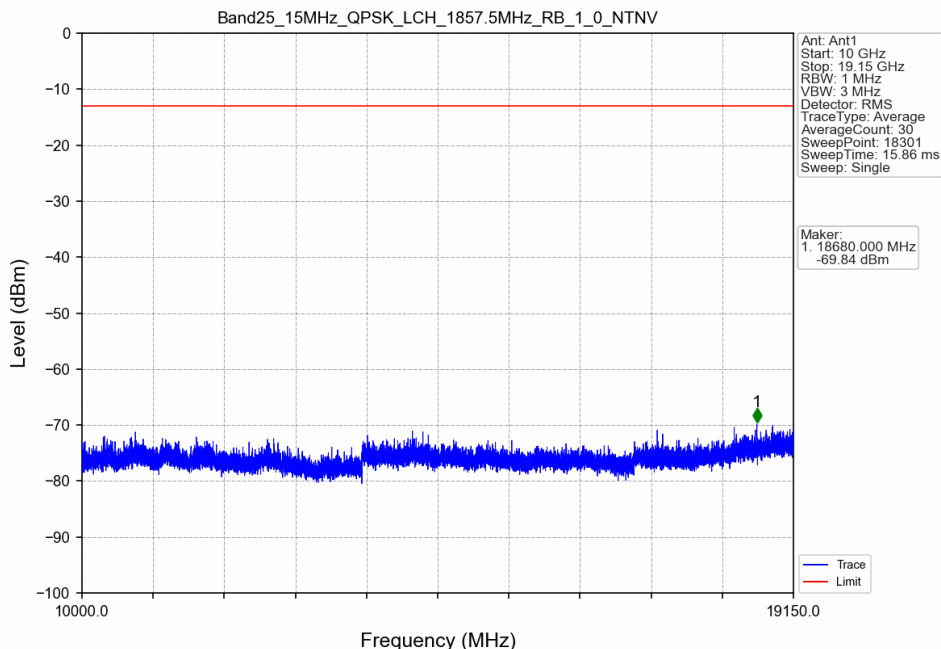
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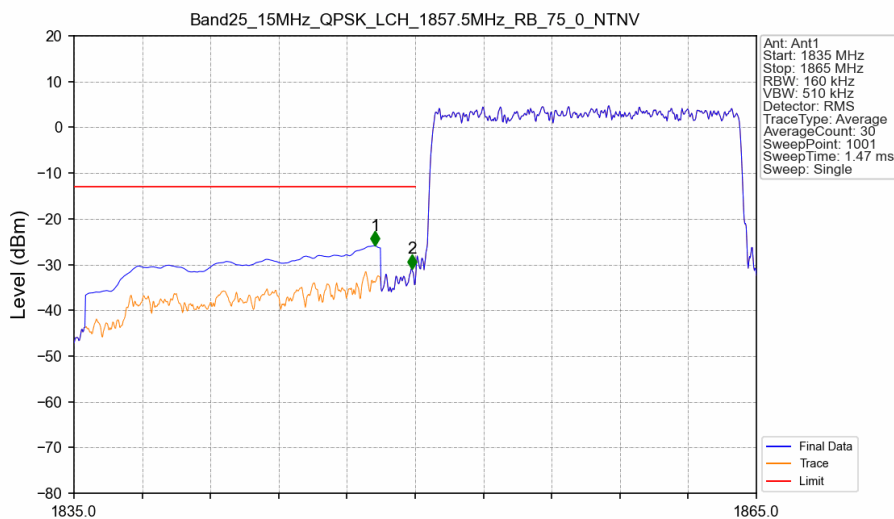
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Band25_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV



Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.230	-25.86	-13	Pass
1849	1850	0.16	/	2	1849.850	-30.89	-13	Pass
1850	1865	0.16	/	/	/	/	/	/

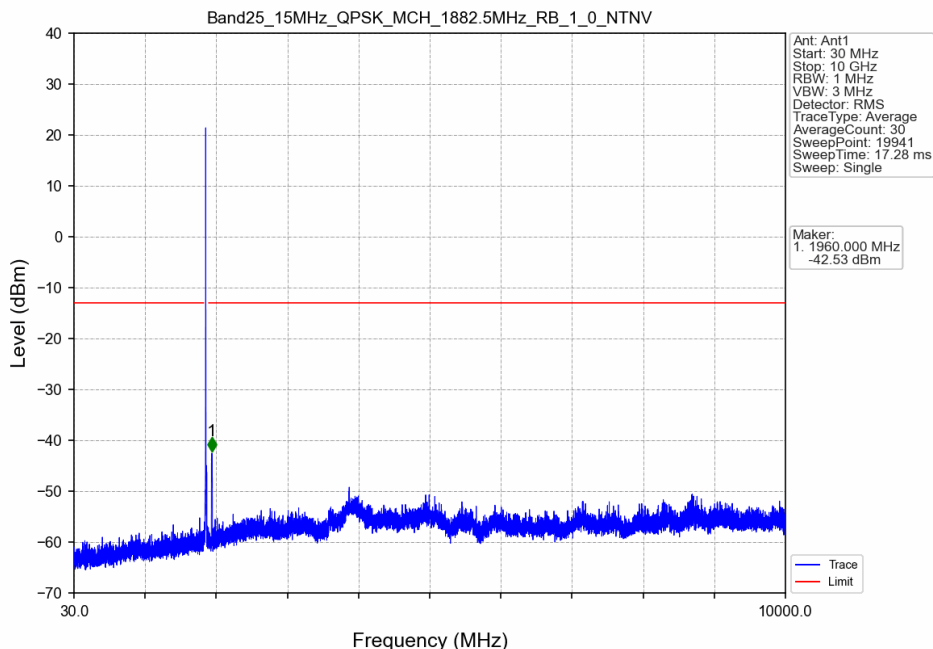


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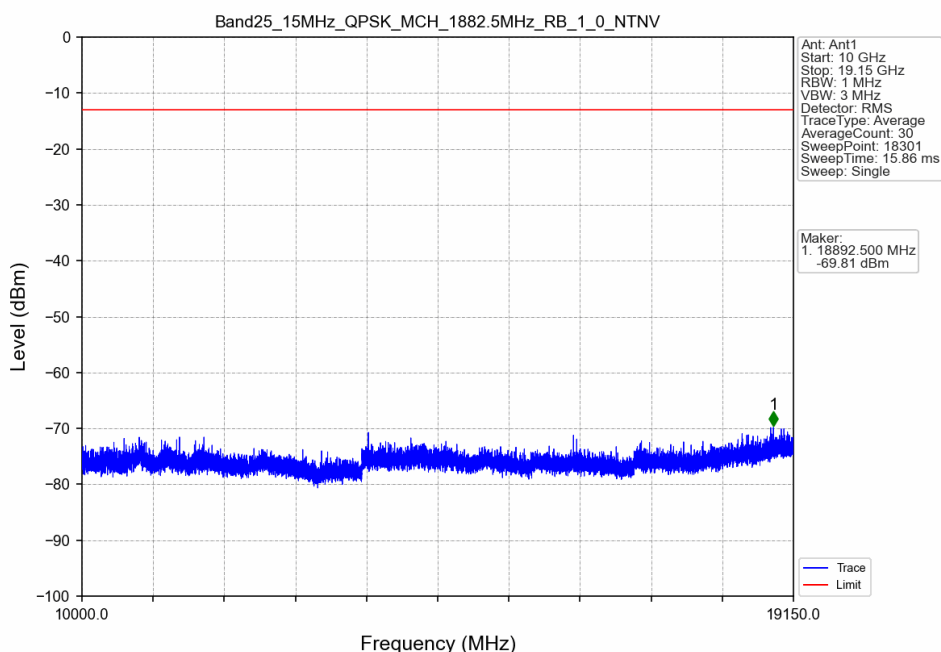
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Band25_15MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



Band25_15MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV

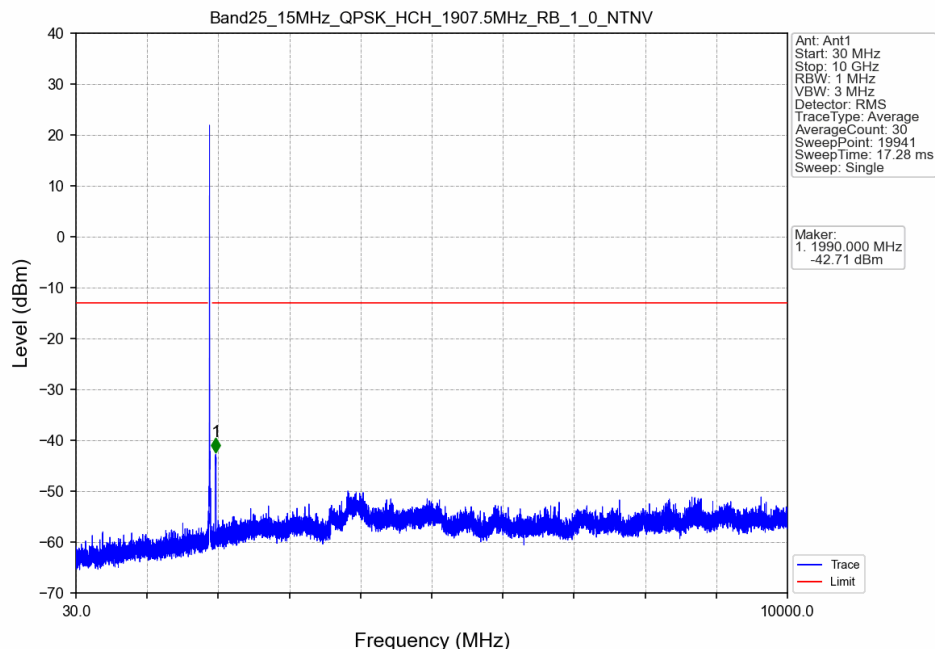


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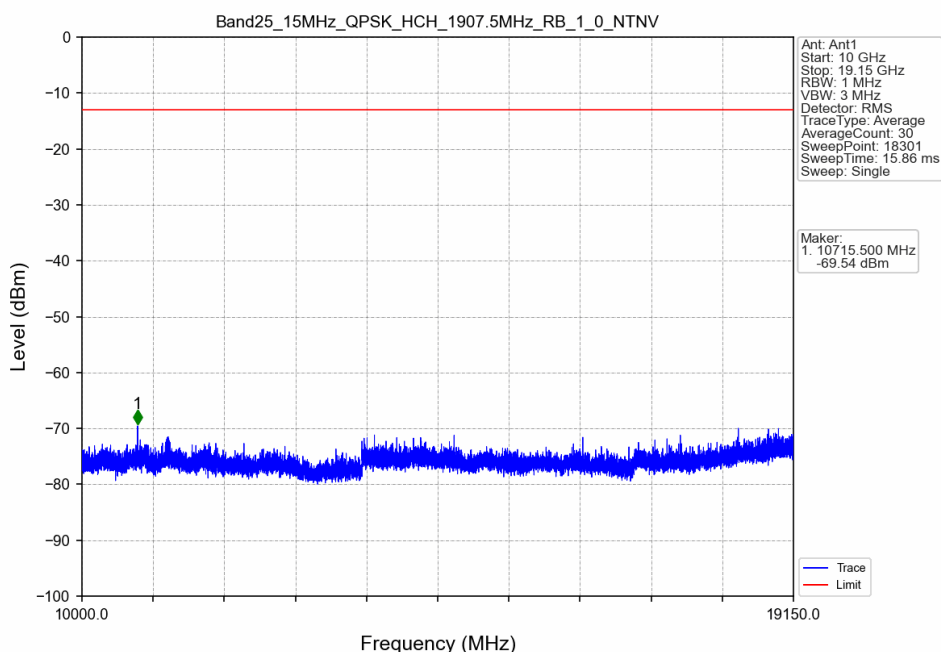
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Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV

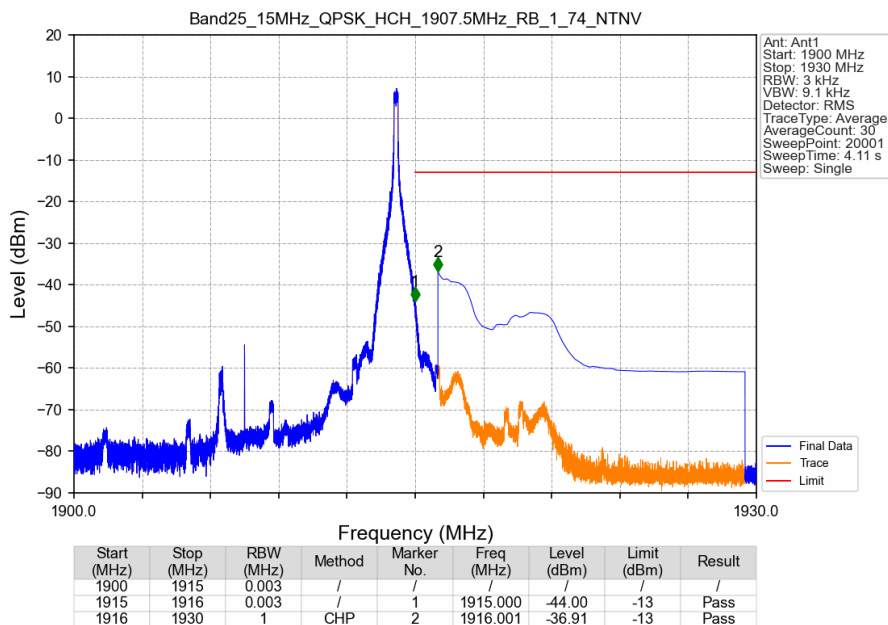


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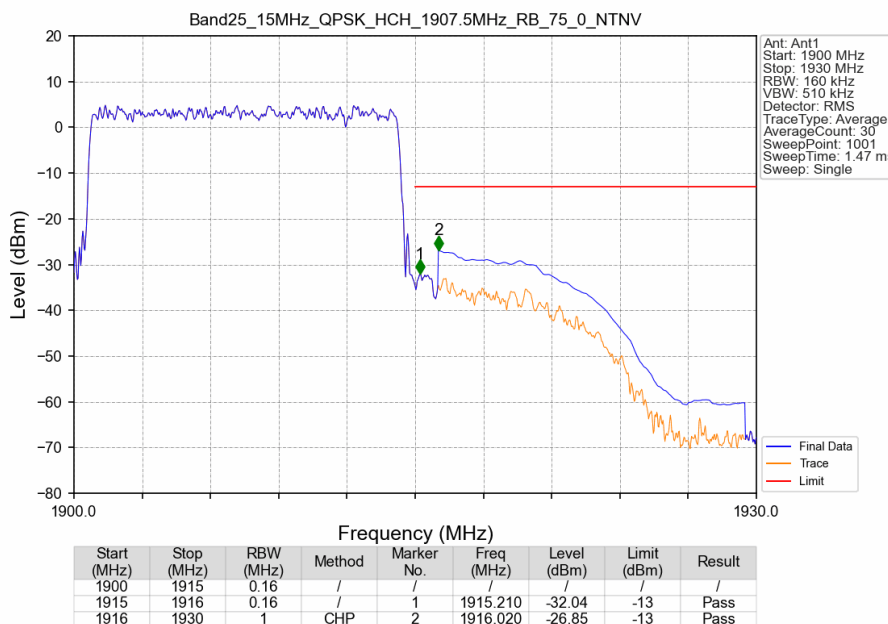
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Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_74_NTNV



Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV

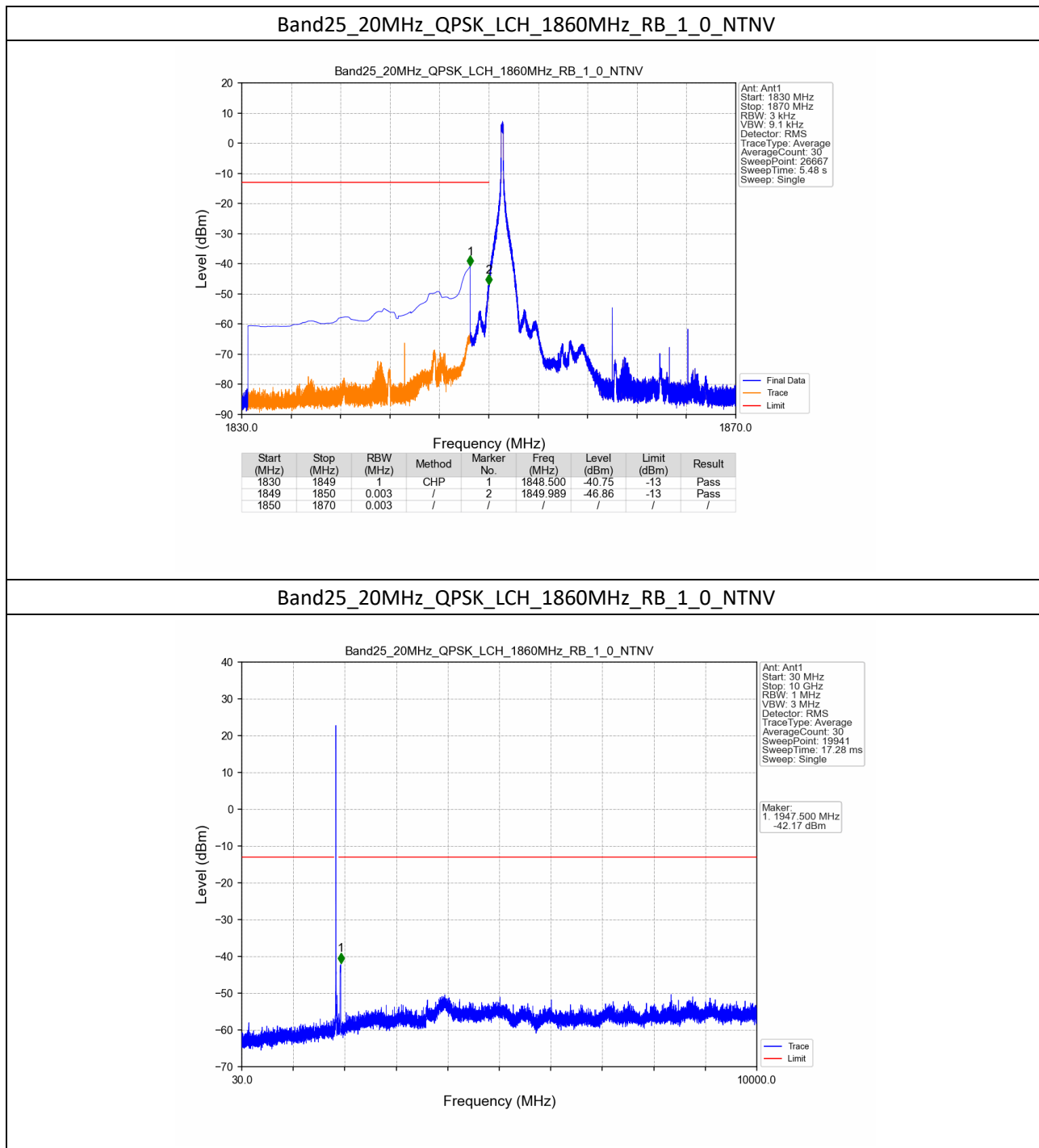


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5.2.6 B25_20MHz

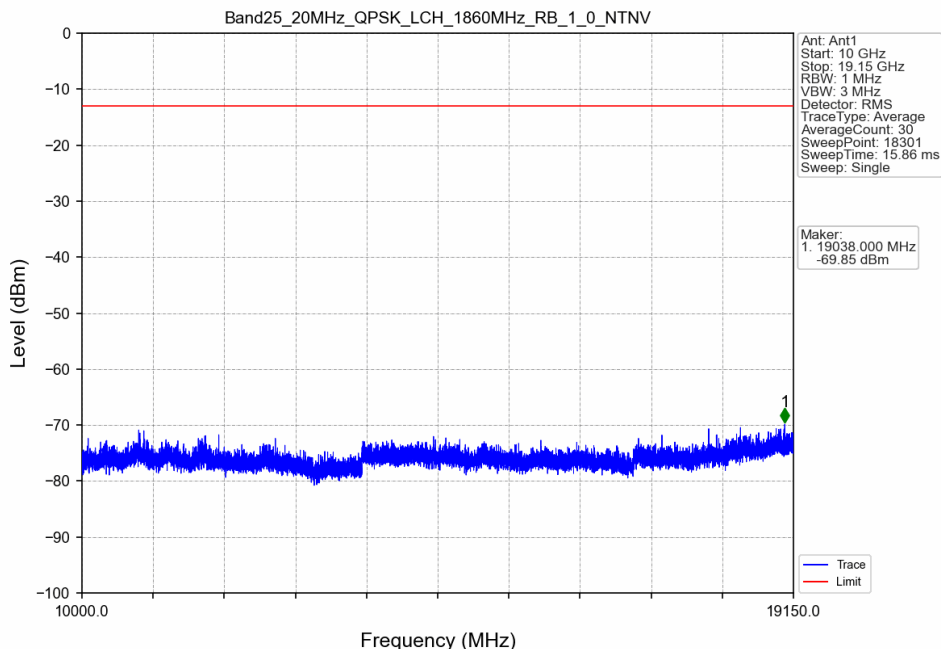


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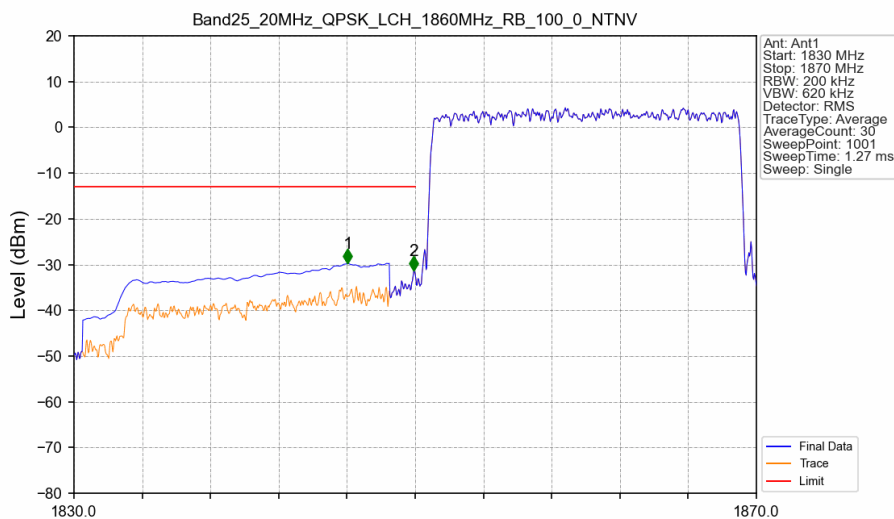
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Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1846.040	-29.75	-13	Pass
1849	1850	0.2	/	2	1849.920	-31.33	-13	Pass
1850	1870	0.2	/	/	/	/	/	/

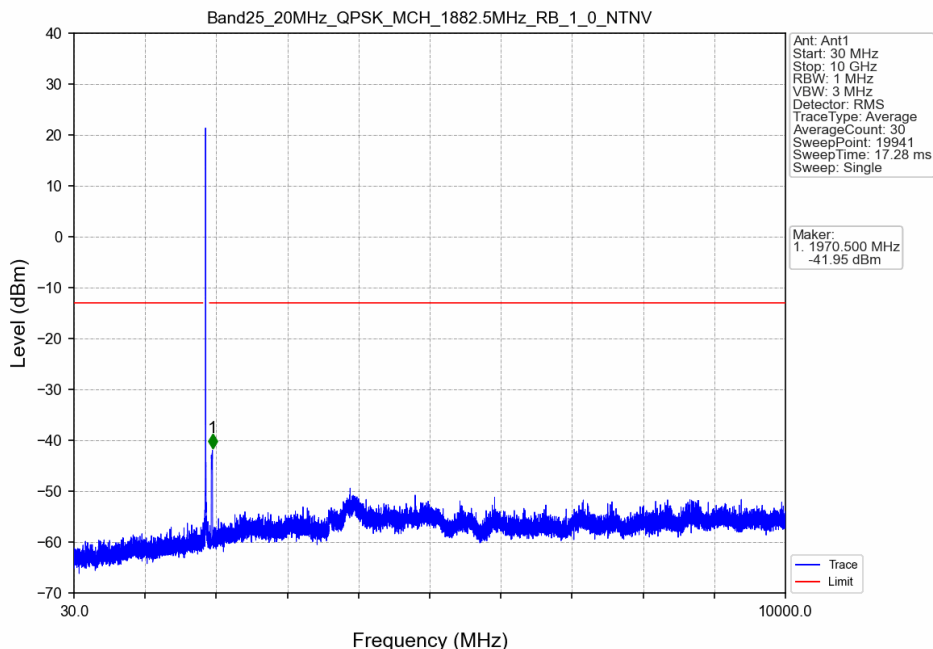


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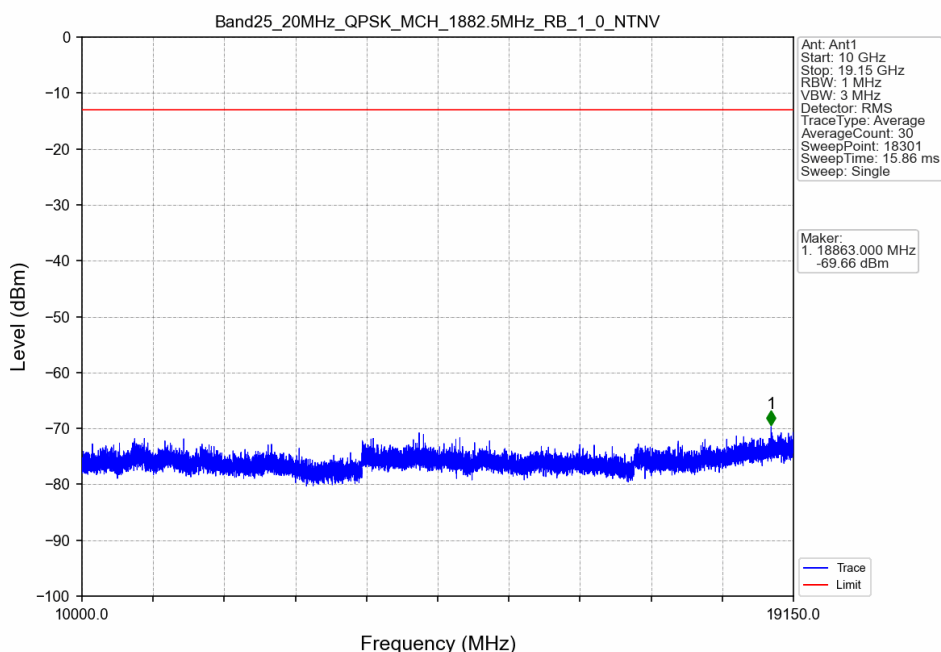
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Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV

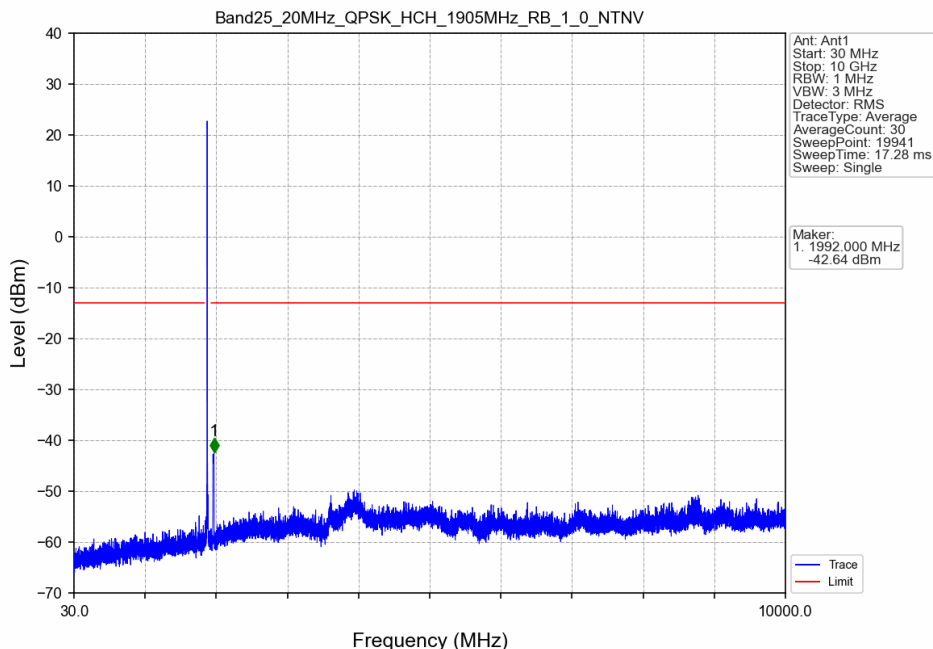


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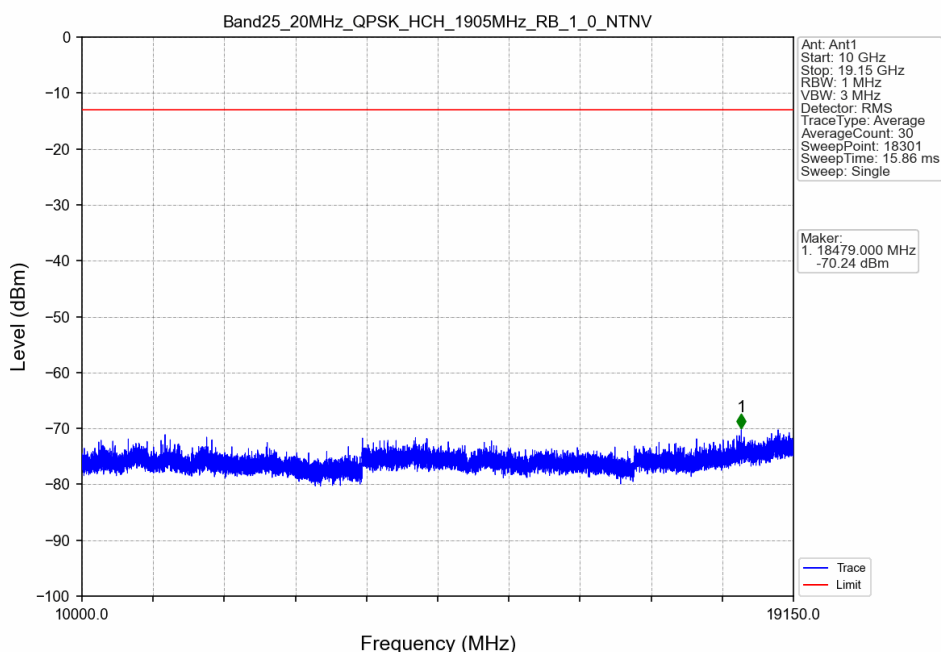
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Band25_20MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV



Band25_20MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV

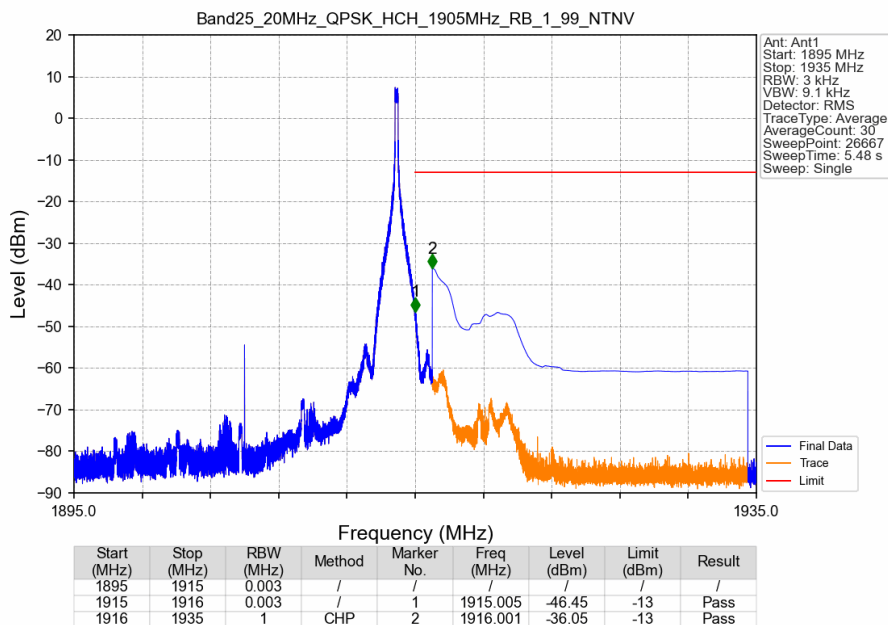


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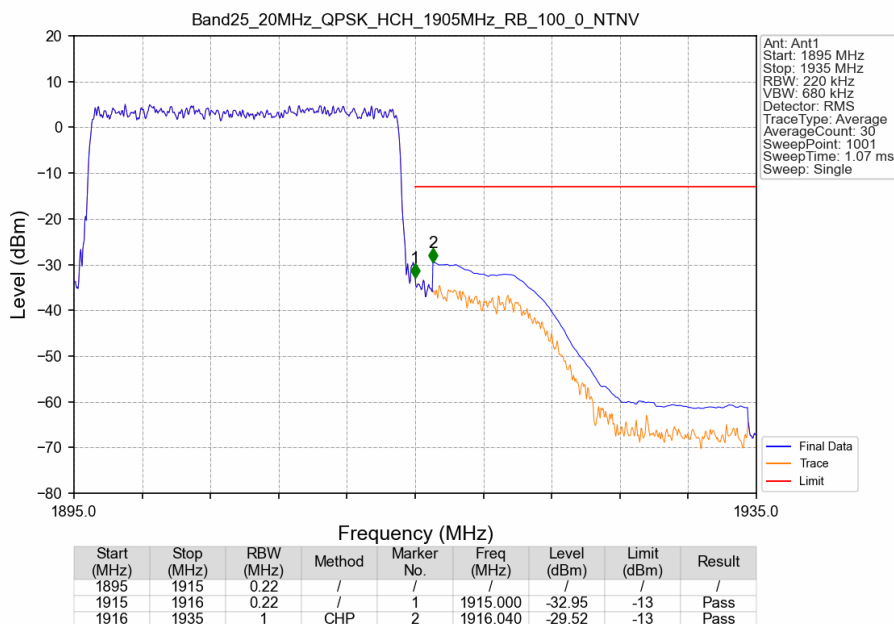
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Band25_20MHz_QPSK_HCH_1905MHz_RB_1_99_NTNV



Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



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6. Field Strength of Spurious Radiation

LTE Band 25-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3702.0	-60.74	-13	-47.74	-65.76	3.42	8.44	Horizontal	Pass
5553.0	-57.7	-13	-44.7	-63.91	4.24	10.45	Horizontal	Pass
7404.0	-56.44	-13	-43.44	-63.85	4.21	11.62	Horizontal	Pass
3702.0	-60.81	-13	-47.81	-65.83	3.42	8.44	Vertical	Pass
5553.0	-58.28	-13	-45.28	-64.49	4.24	10.45	Vertical	Pass
7404.0	-56.28	-13	-43.28	-63.69	4.21	11.62	Vertical	Pass
LTE Band 25-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3747.0	-61.08	-13	-48.08	-66.13	3.45	8.5	Horizontal	Pass
5620.5	-58.35	-13	-45.35	-64.56	4.24	10.45	Horizontal	Pass
7494.0	-55.81	-13	-42.81	-63.32	4.22	11.73	Horizontal	Pass
3747.0	-60.34	-13	-47.34	-65.39	3.45	8.5	Vertical	Pass
5620.5	-58.69	-13	-45.69	-64.9	4.24	10.45	Vertical	Pass
7494.0	-55.84	-13	-42.84	-63.35	4.22	11.73	Vertical	Pass
LTE Band 25-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3792.0	-60.78	-13	-47.78	-65.86	3.48	8.56	Horizontal	Pass
5688.0	-58.96	-13	-45.96	-65.18	4.23	10.45	Horizontal	Pass
7584.0	-56.01	-13	-43.01	-63.63	4.22	11.84	Horizontal	Pass
3792.0	-60.99	-13	-47.99	-66.07	3.48	8.56	Vertical	Pass
5688.0	-59.2	-13	-46.2	-65.42	4.23	10.45	Vertical	Pass
7584.0	-56.56	-13	-43.56	-64.18	4.22	11.84	Vertical	Pass

---End of Attachment---



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