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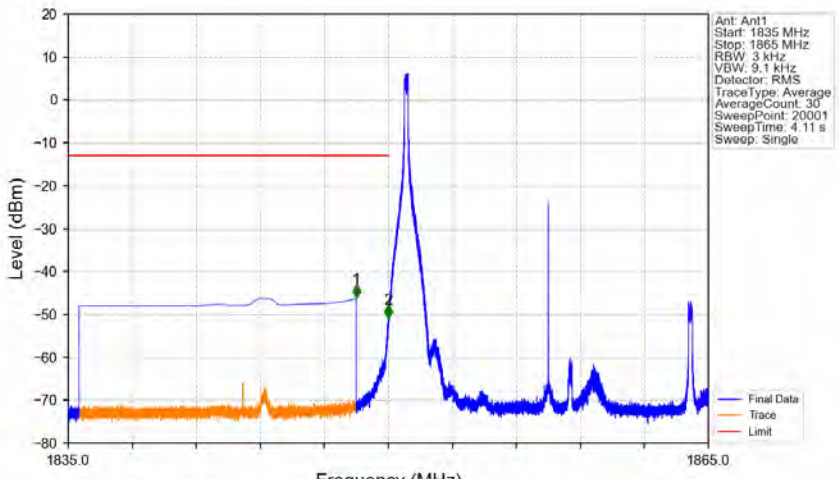
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.495	-46.19	-13	Pass
1849	1850	0.003	/	2	1849.998	-50.98	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV

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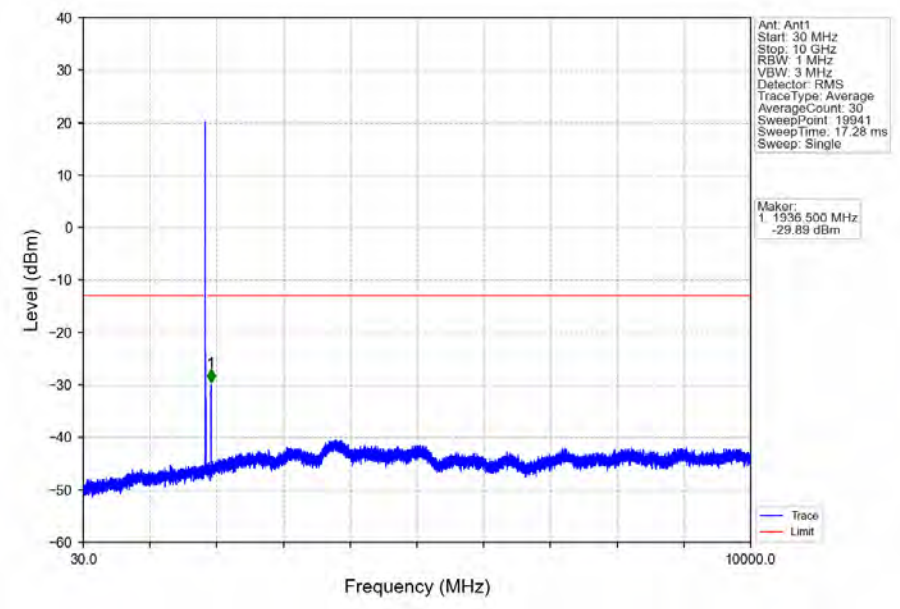

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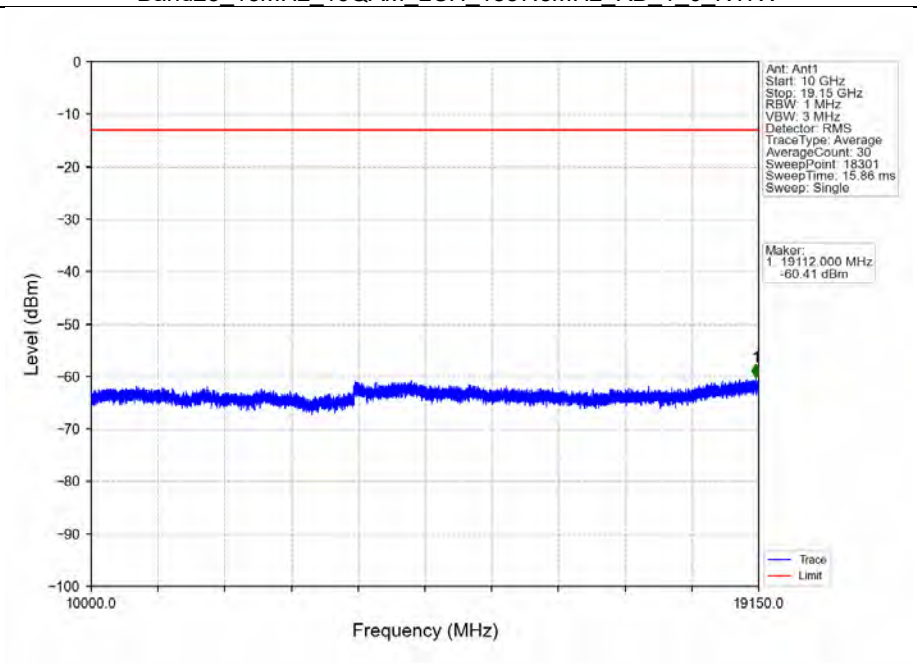
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



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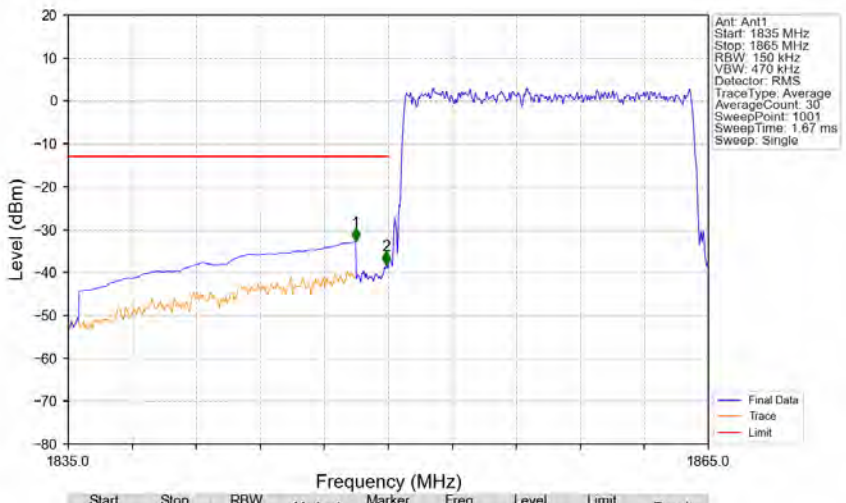

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.470	-32.80	-13	Pass
1849	1850	0.15	/	2	1849.910	-38.14	-13	Pass
1850	1865	0.15	/	/	/	/	/	/

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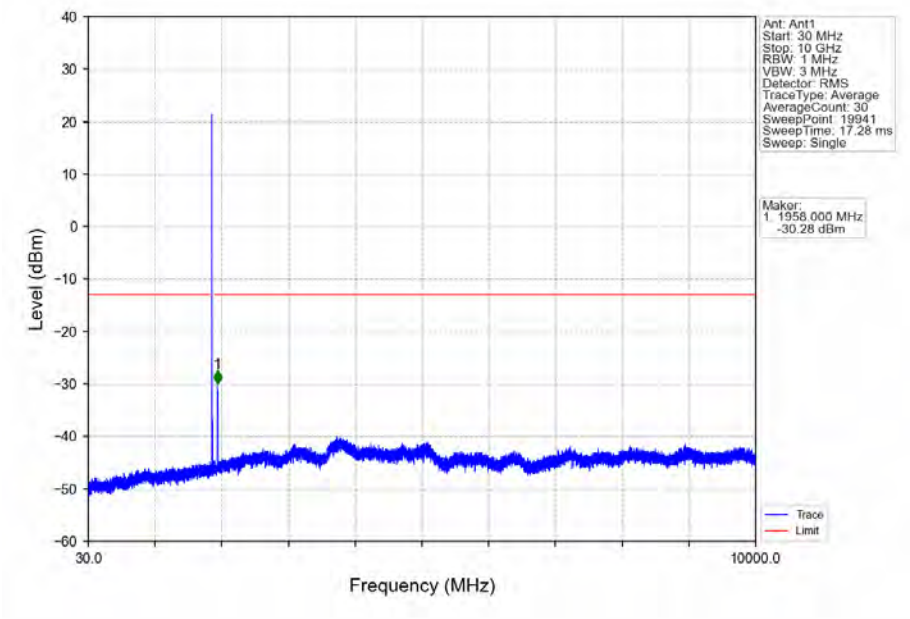

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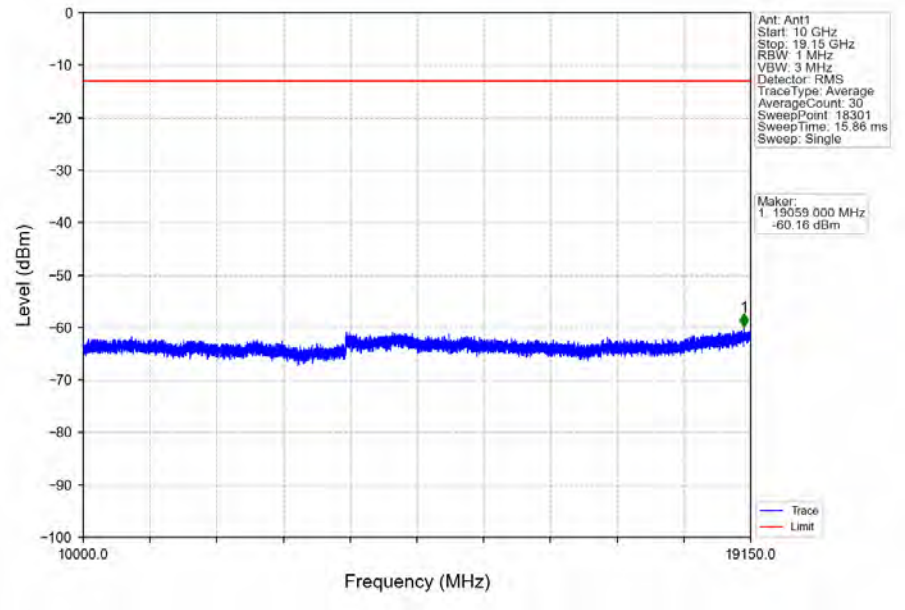

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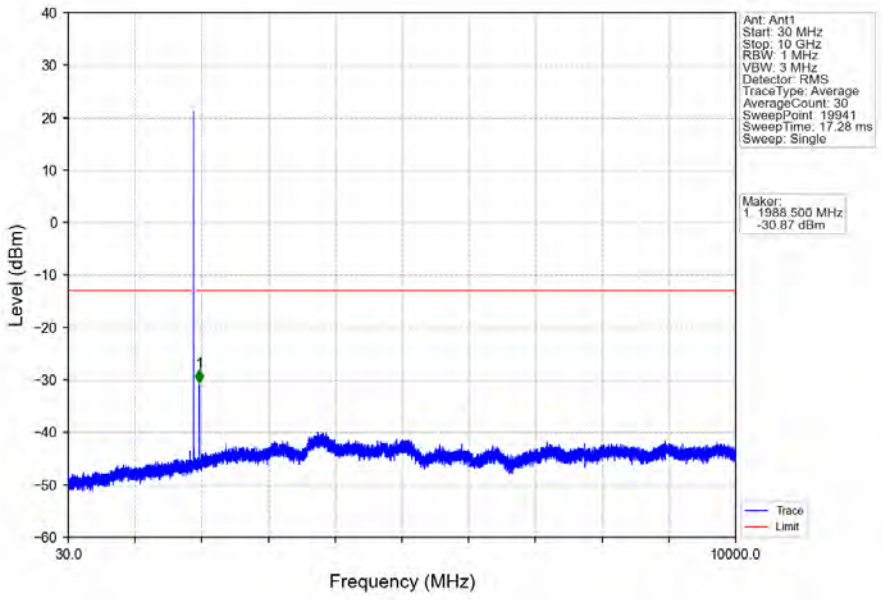
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_1_0_NTNV



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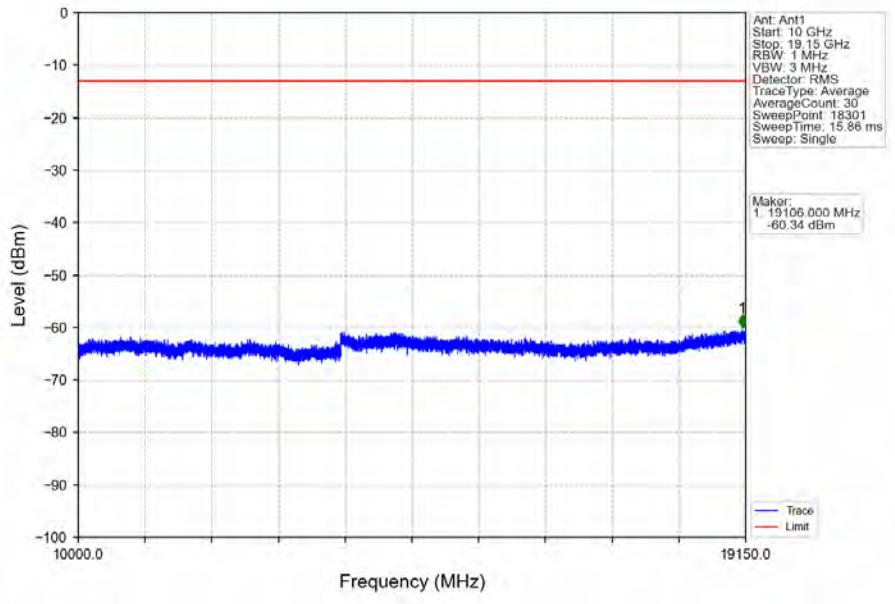

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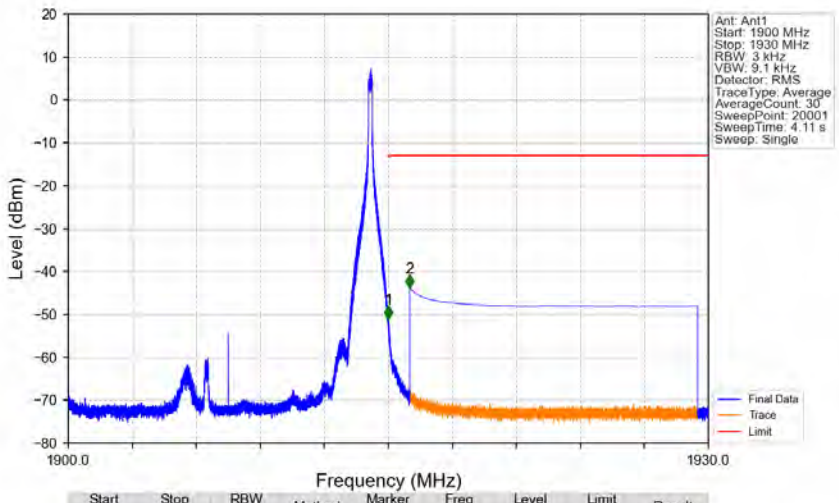

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.003	-51.01	-13	Pass
1916	1930	1	CHP	2	1916.001	-43.76	-13	Pass

Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV

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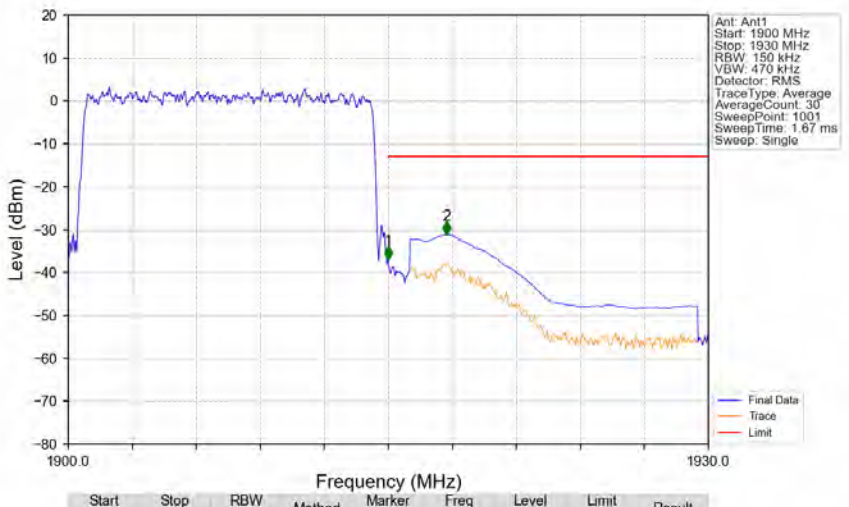

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.15	/	/	/	/	/	/
1915	1916	0.15	/	1	1915.000	-36.97	-13	Pass
1916	1930	1	CHP	2	1917.730	-31.17	-13	Pass

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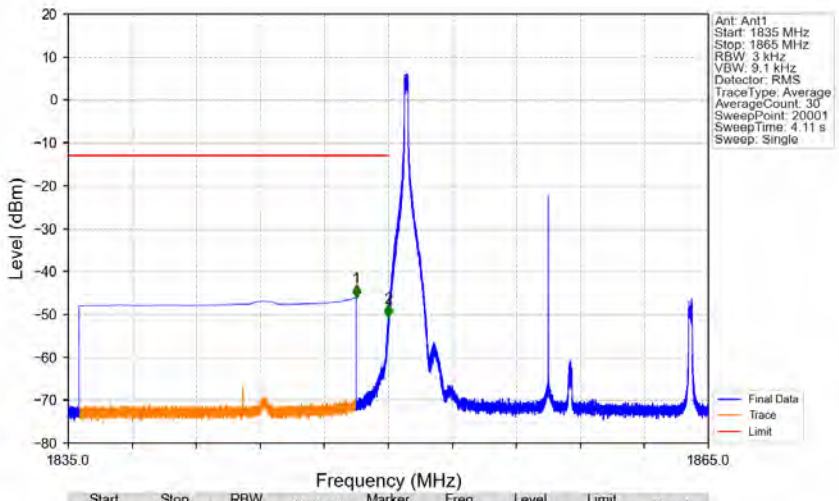
Band25_15MHz_64QAM_LCH_1857.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.494	-46.08	-13	Pass
1849	1850	0.003	/	2	1849.997	-50.70	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

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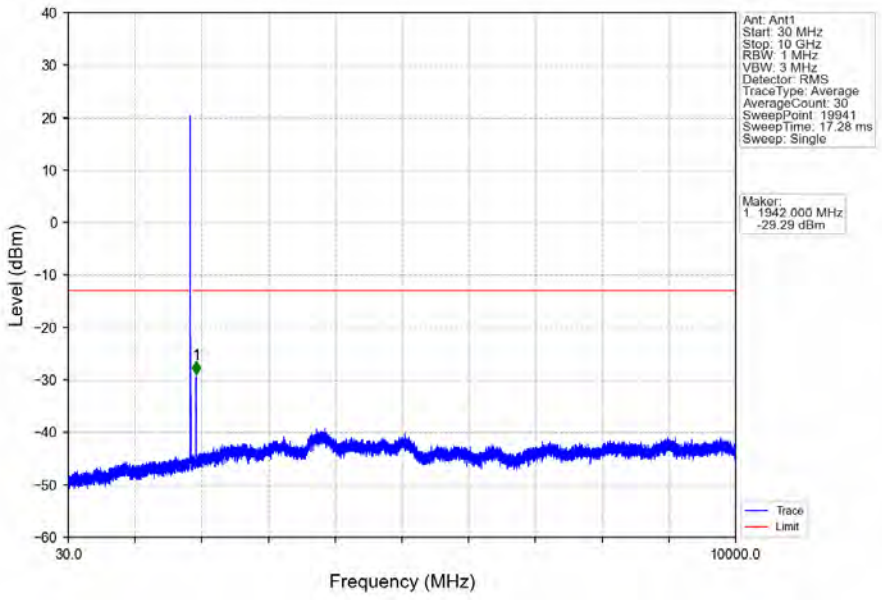

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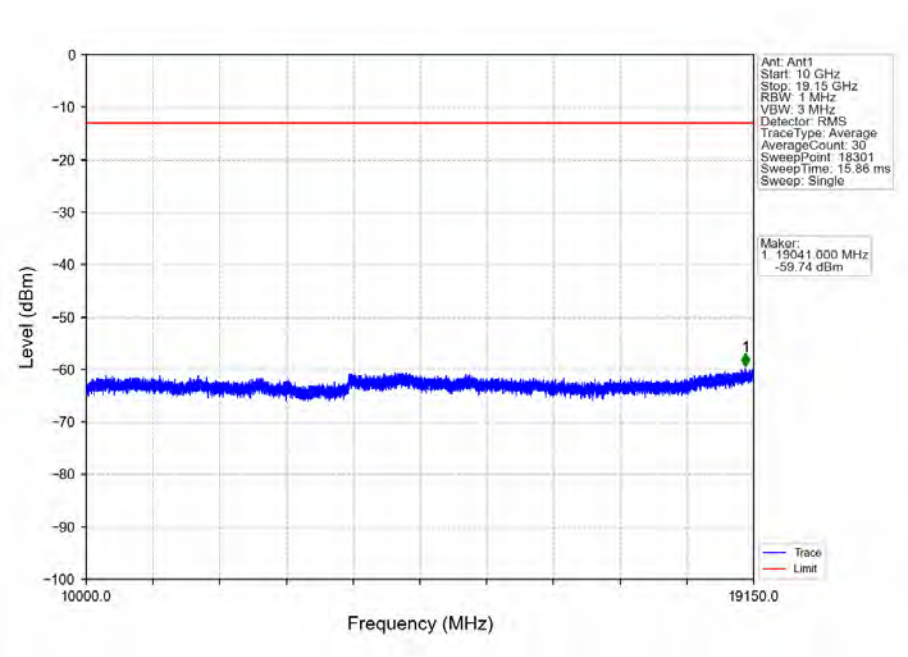

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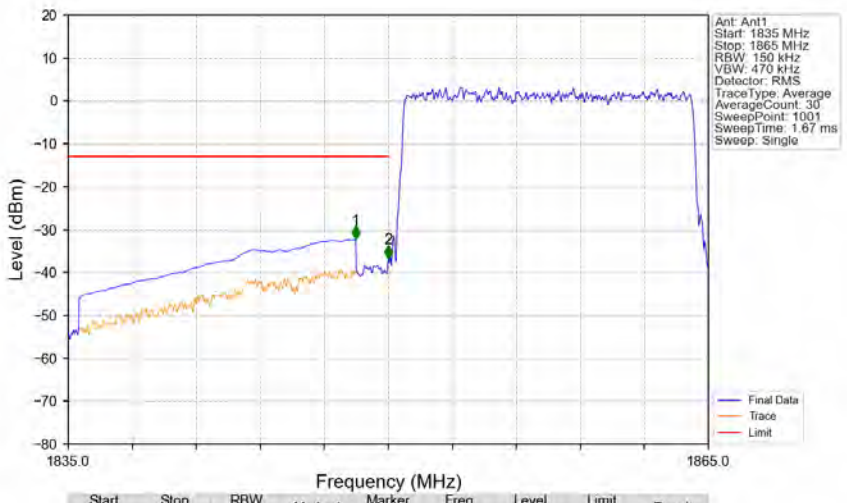

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.470	-32.27	-13	Pass
1849	1850	0.15	/	2	1850.000	-36.73	-13	Pass
1850	1865	0.15	/	/	/	/	/	/

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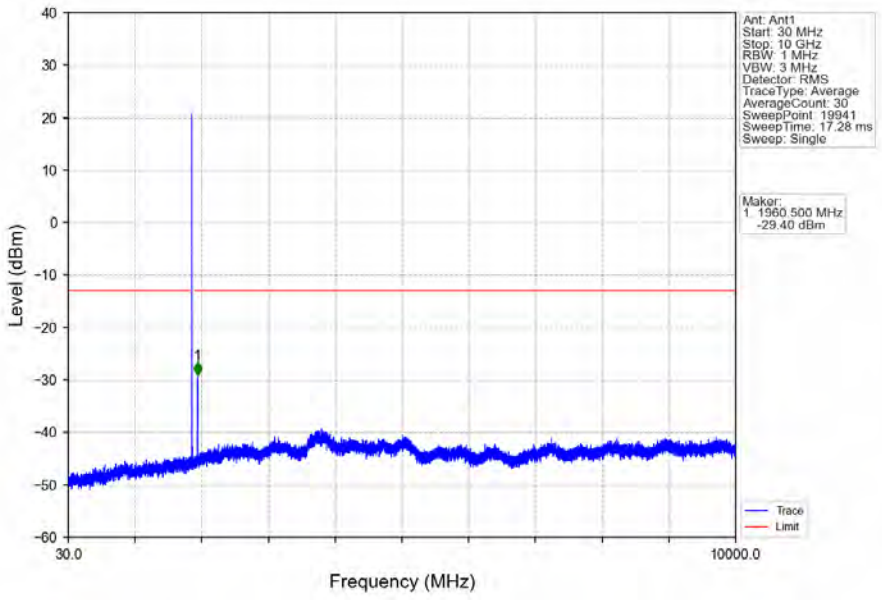
Band25_15MHz_64QAM_MCH_1882.5MHz_RB_1_0_NTNV



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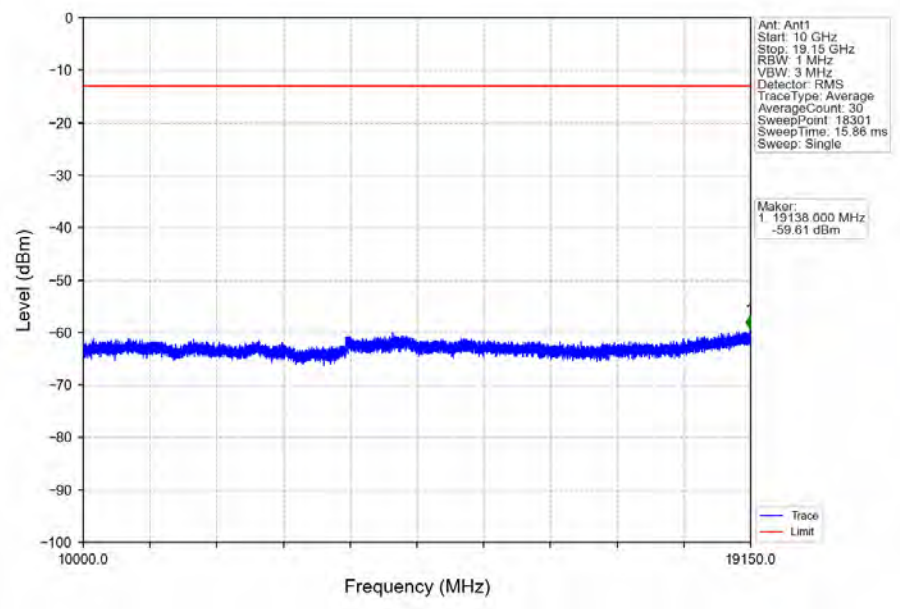

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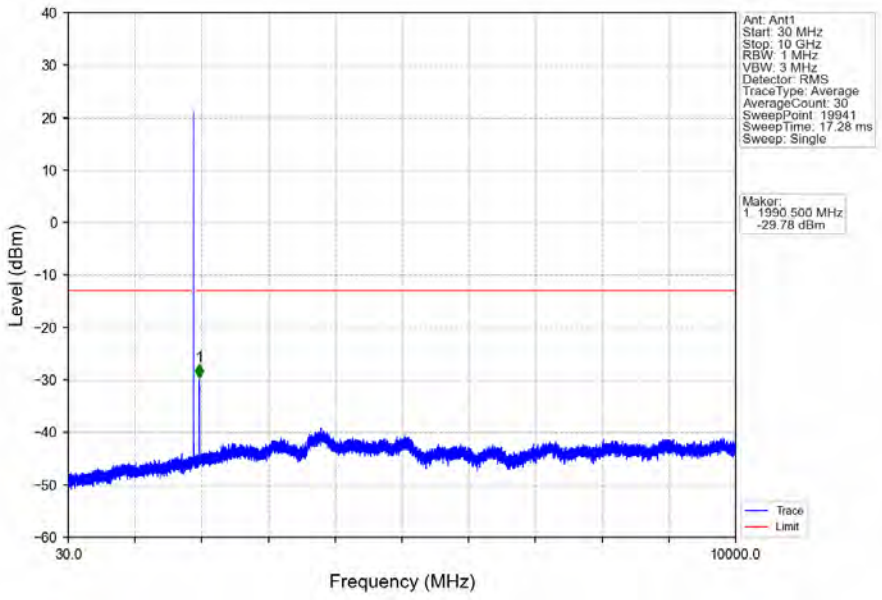
Band25_15MHz_64QAM_HCH_1907.5MHz_RB_1_0_NTNV



Band25_15MHz_64QAM_HCH_1907.5MHz_RB_1_0_NTNV

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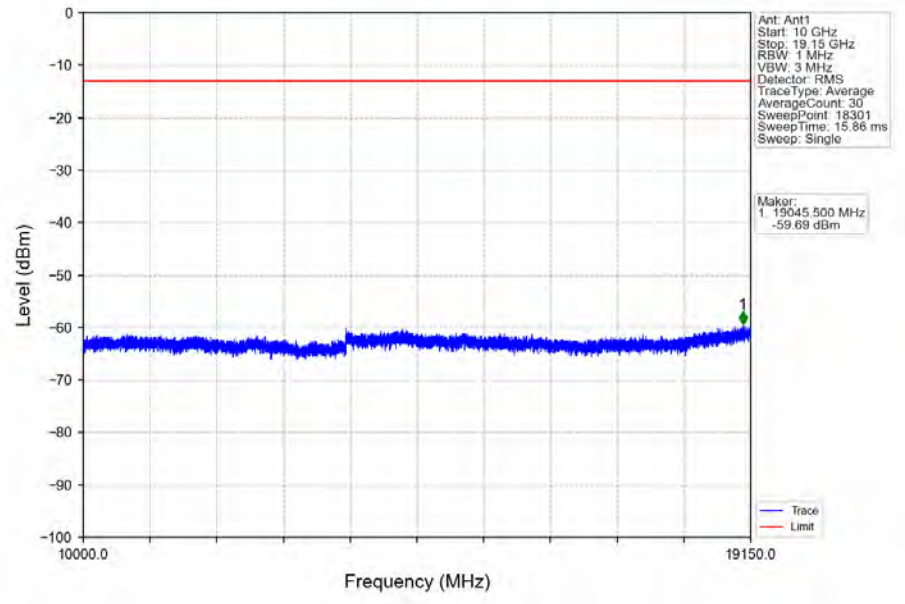

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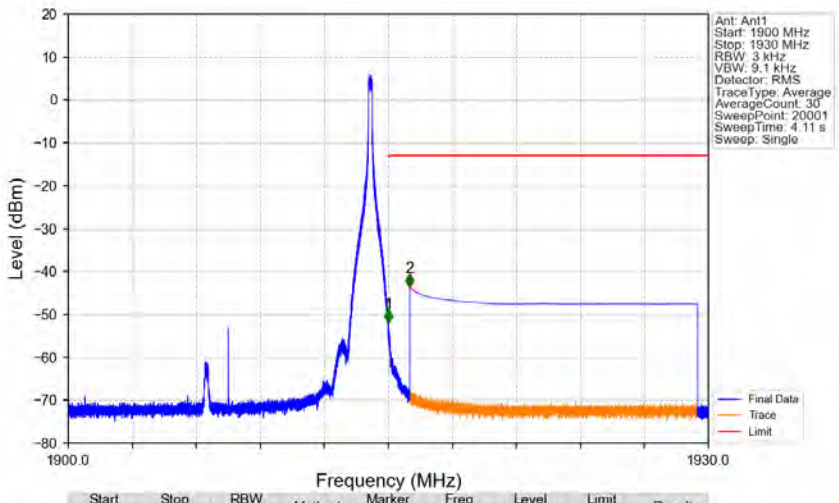

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.005	-51.96	-13	Pass
1916	1930	1	CHP	2	1916.001	-43.59	-13	Pass

Band25_15MHz_64QAM_HCH_1907.5MHz_RB_75_0_NTNV

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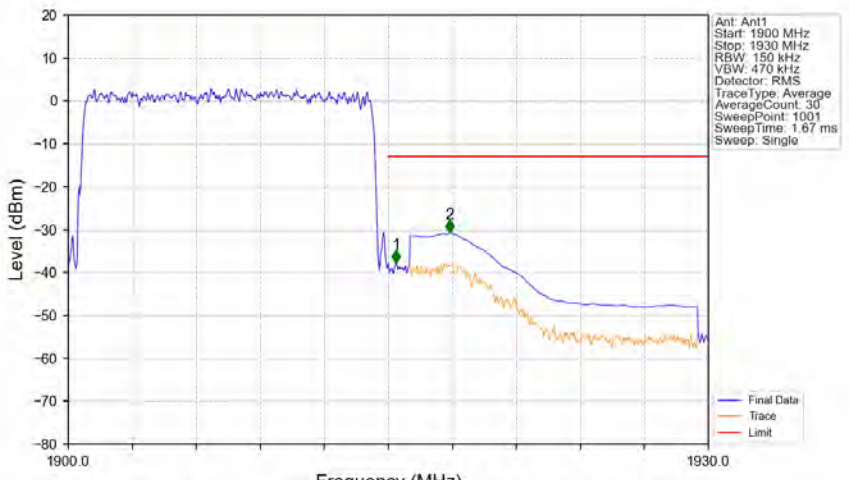

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.15	/	/	/	/	/	/
1915	1916	0.15	/	1	1915.360	-37.87	-13	Pass
1916	1930	1	CHP	2	1917.880	-30.87	-13	Pass

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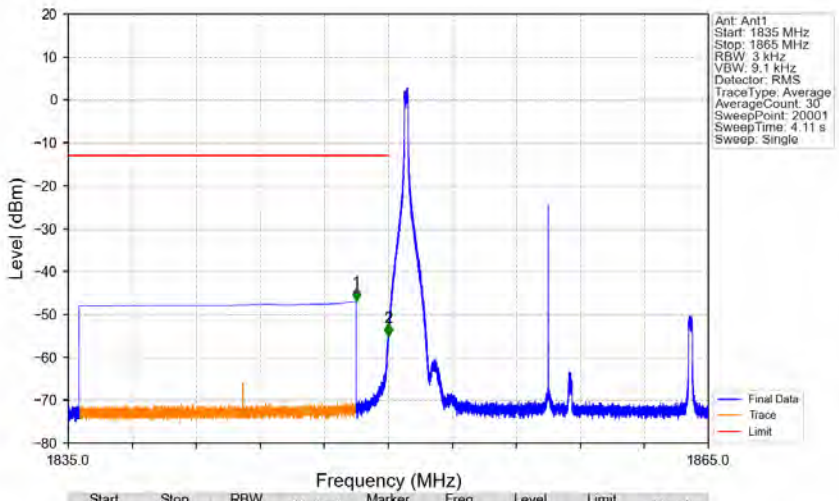
Band25_15MHz_256QAM_LCH_1857.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.498	-46.90	-13	Pass
1849	1850	0.003	/	2	1849.995	-55.17	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

Band25_15MHz_256QAM_LCH_1857.5MHz_RB_1_0_NTNV

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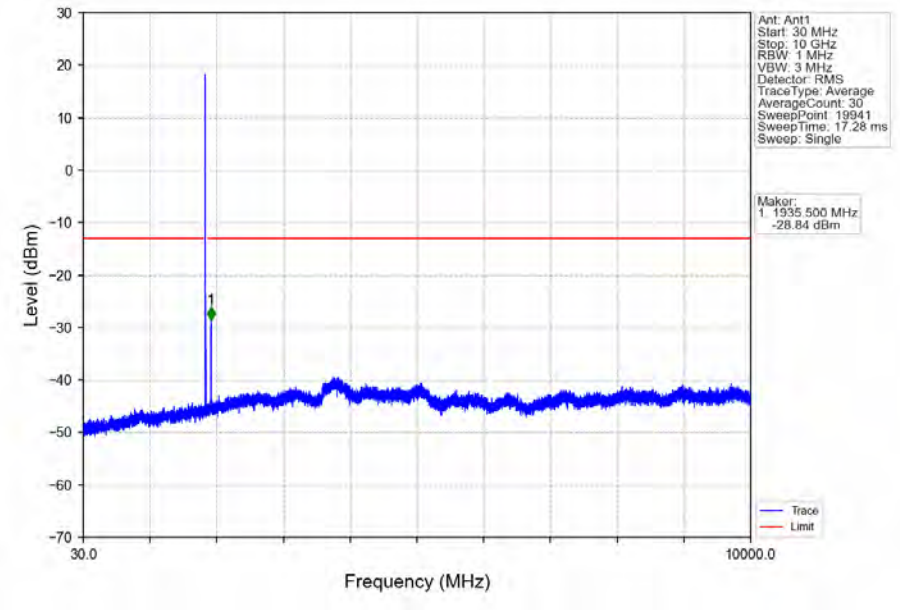

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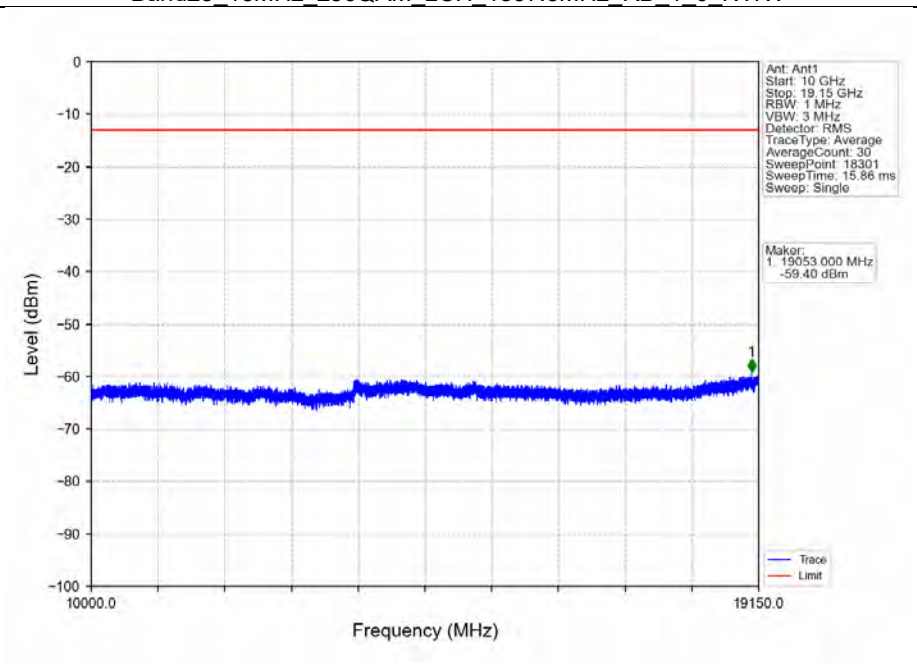

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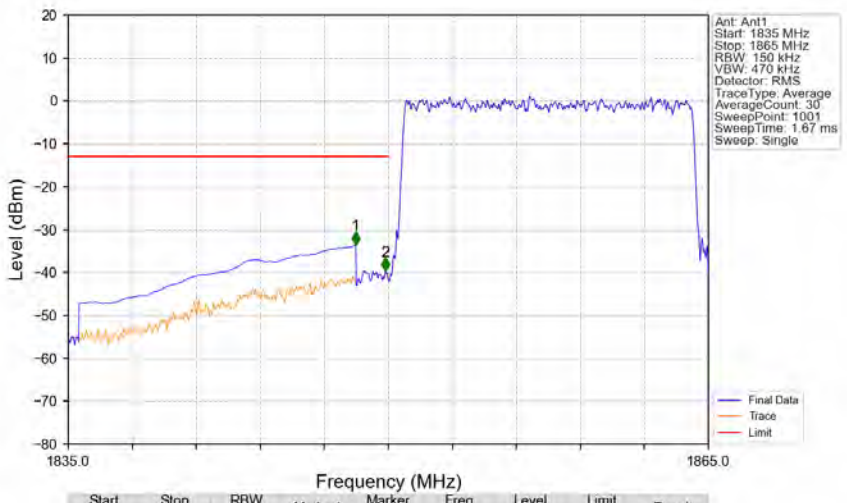

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.470	-33.53	-13	Pass
1849	1850	0.15	/	2	1849.850	-39.67	-13	Pass
1850	1865	0.15	/	/	/	/	/	/

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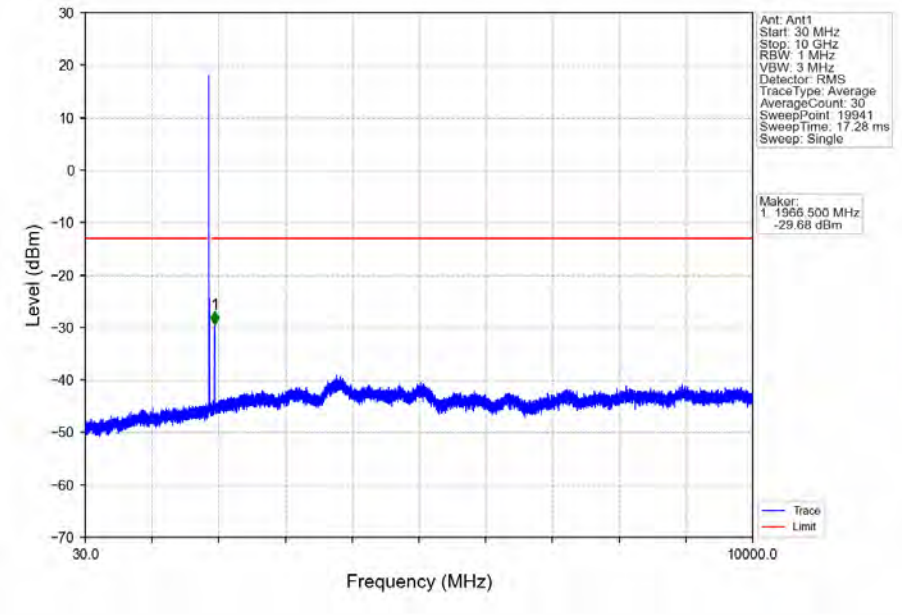

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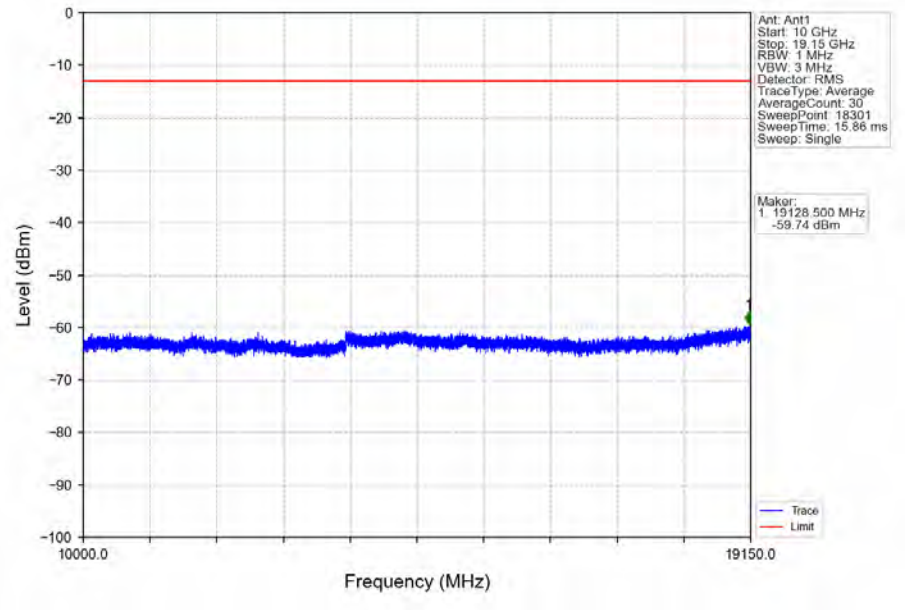

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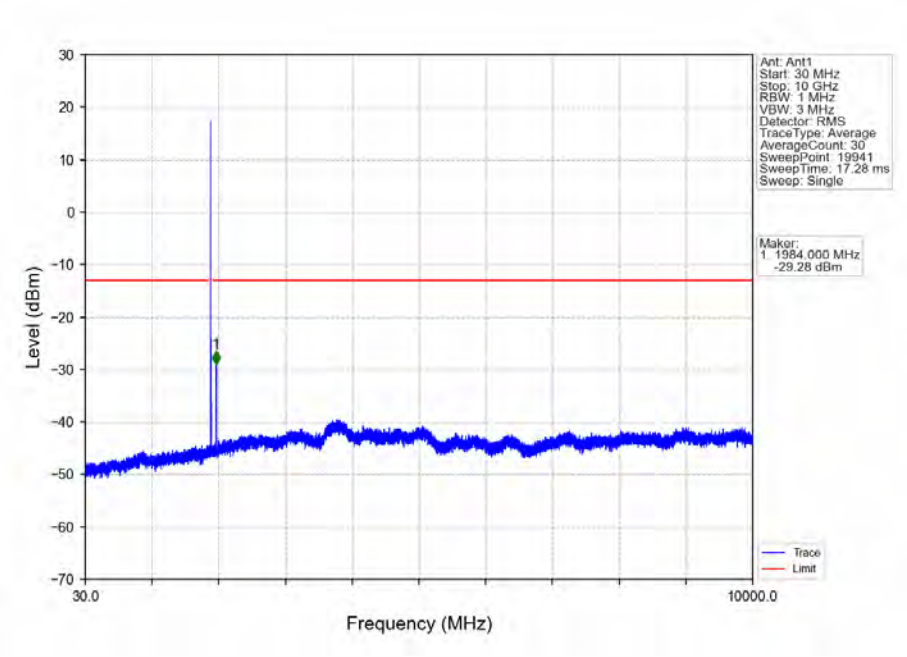
Band25_15MHz_256QAM_HCH_1907.5MHz_RB_1_0_NTNV



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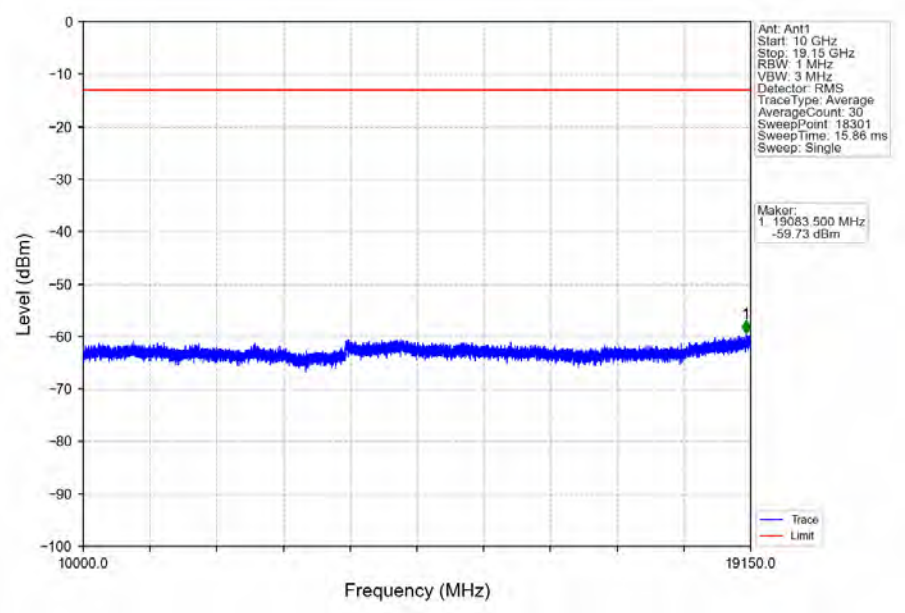

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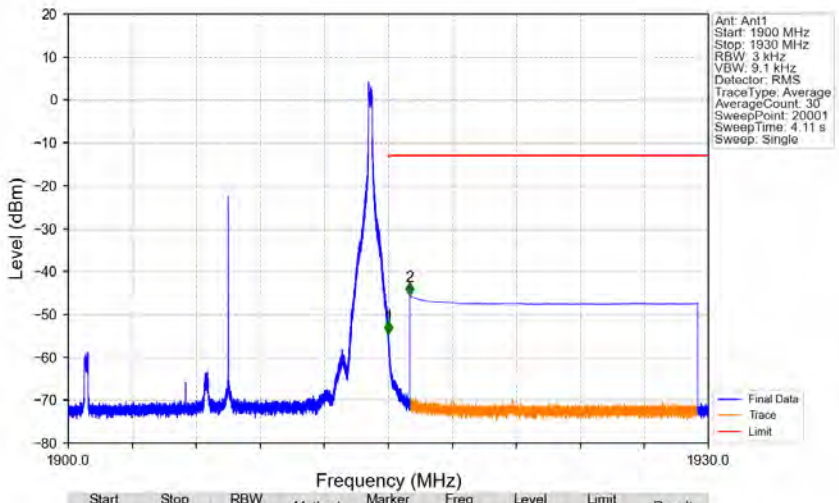

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.003	-54.65	-13	Pass
1916	1930	1	CHP	2	1916.001	-45.57	-13	Pass

Band25_15MHz_256QAM_HCH_1907.5MHz_RB_75_0_NTNV

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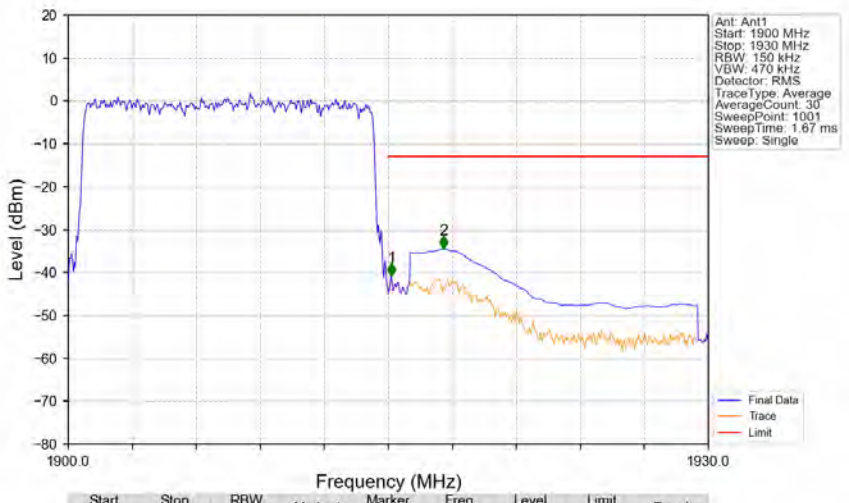

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.15	/	/	/	/	/	/
1915	1916	0.15	/	1	1915.150	-40.92	-13	Pass
1916	1930	1	CHP	2	1917.580	-34.53	-13	Pass

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5.6 B25_20MHz

5.6.1 Test Result

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
16QAM	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
64QAM	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
256QAM	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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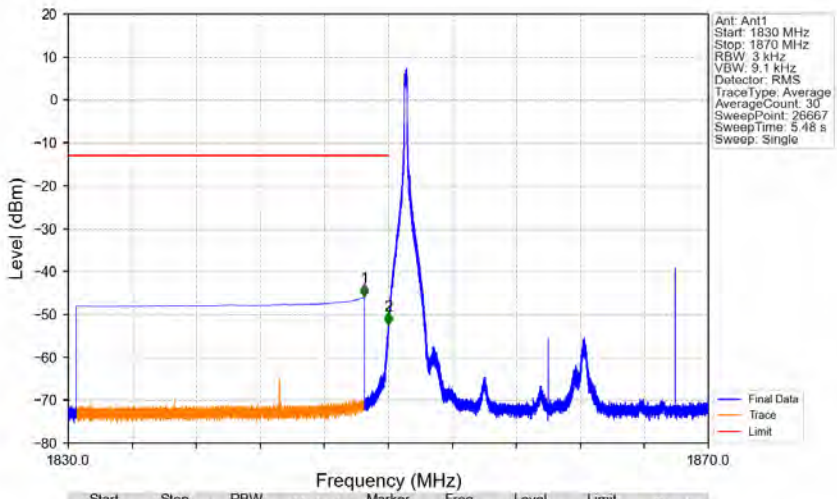
5.6.2 Test Graph

Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.500	-45.98	-13	Pass
1849	1850	0.003	/	2	1849.995	-52.54	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

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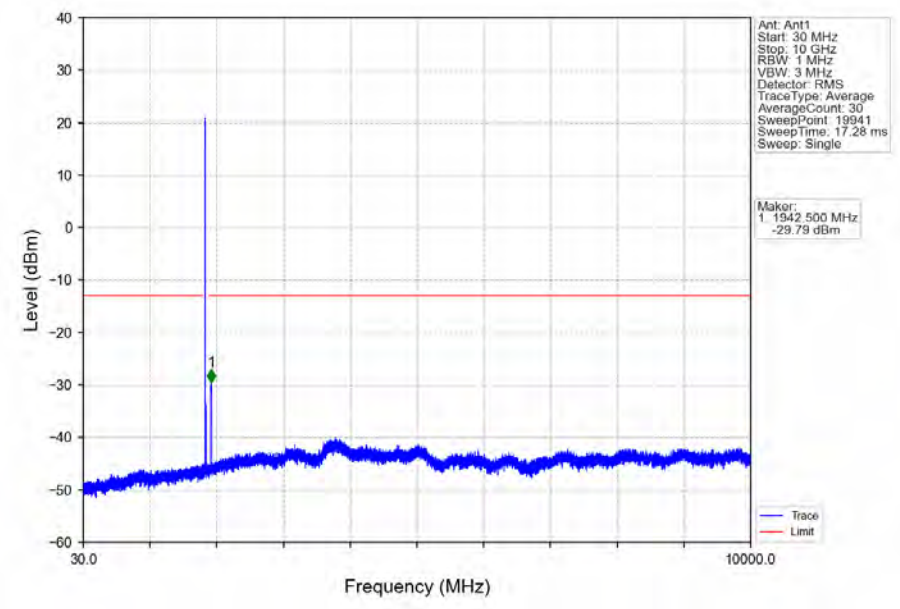

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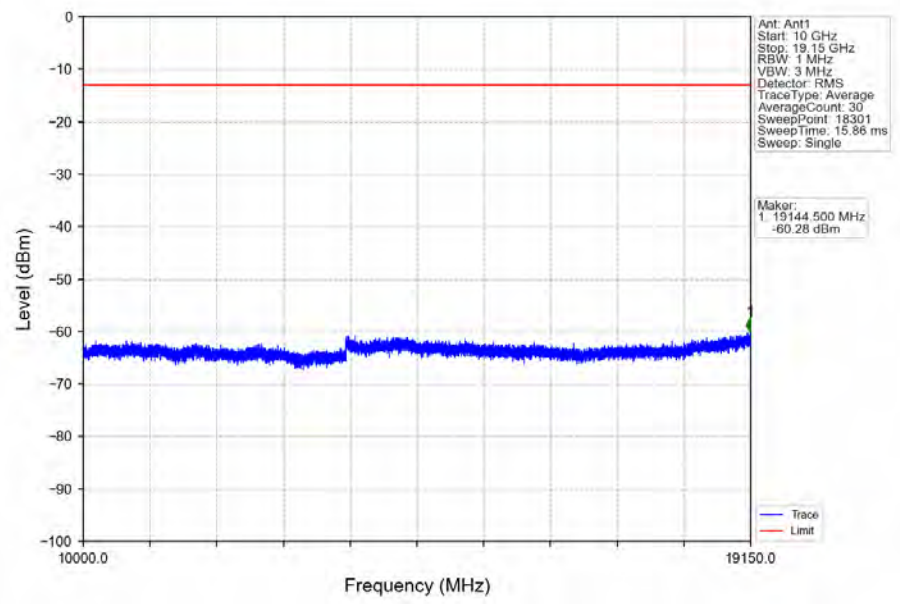

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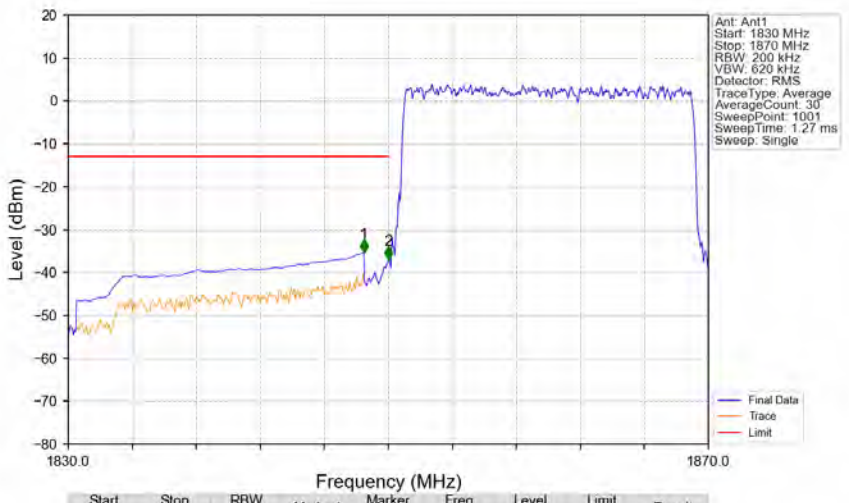

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-35.41	-13	Pass
1849	1850	0.2	/	2	1850.000	-37.01	-13	Pass
1850	1870	0.2	/	/	/	/	/	/

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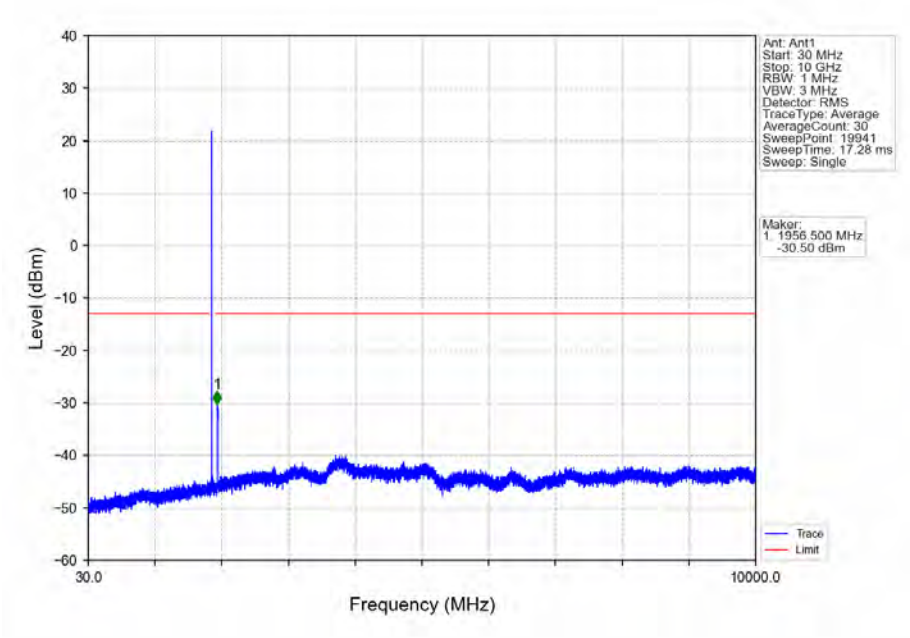

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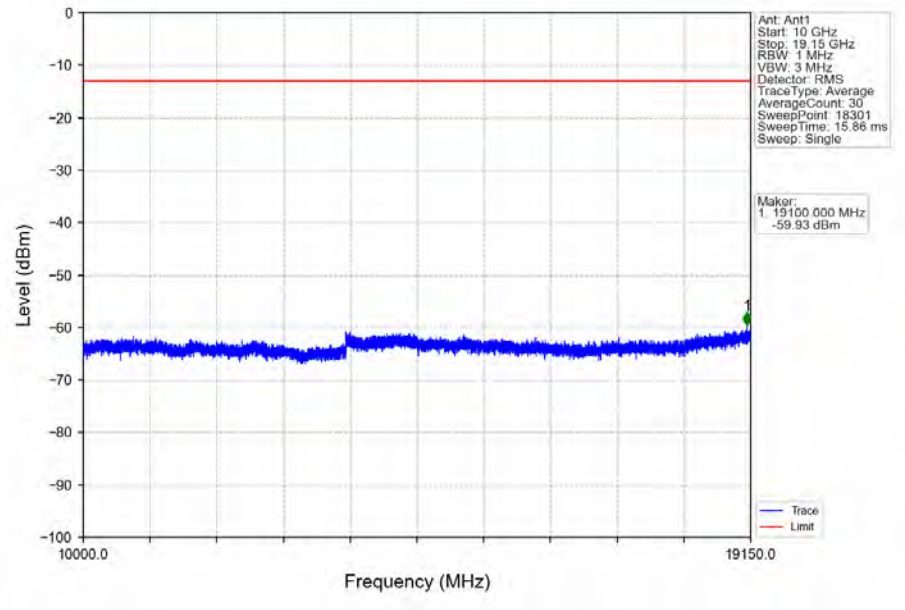

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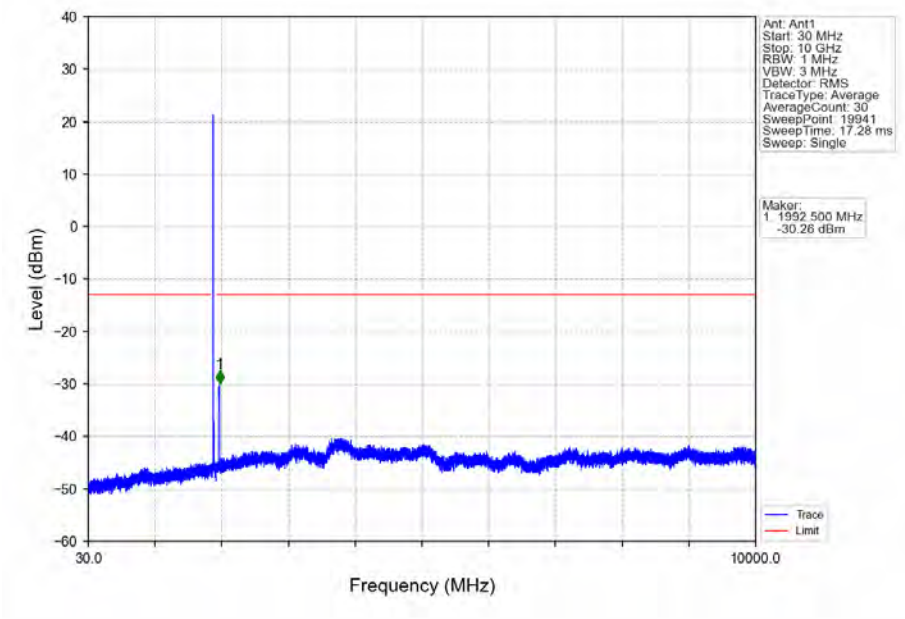

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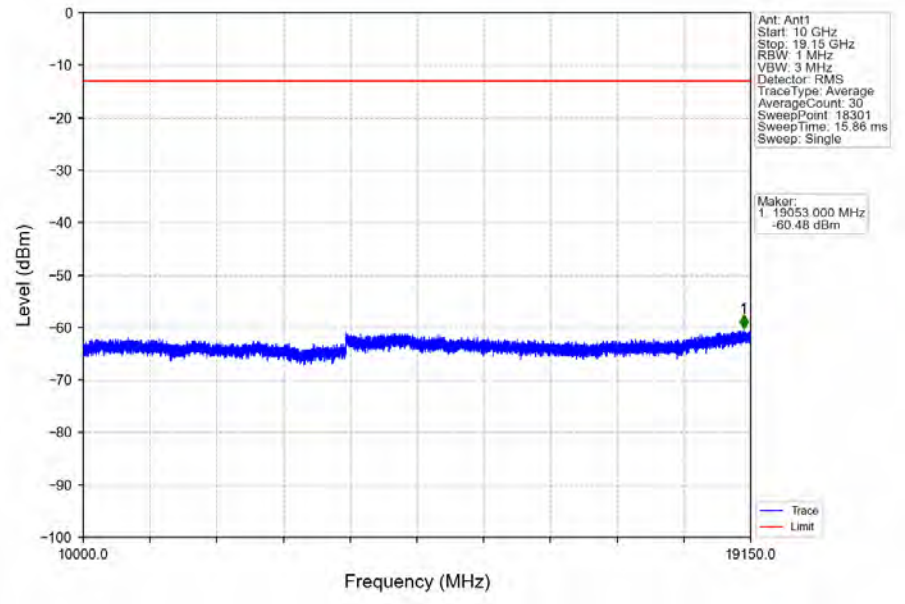

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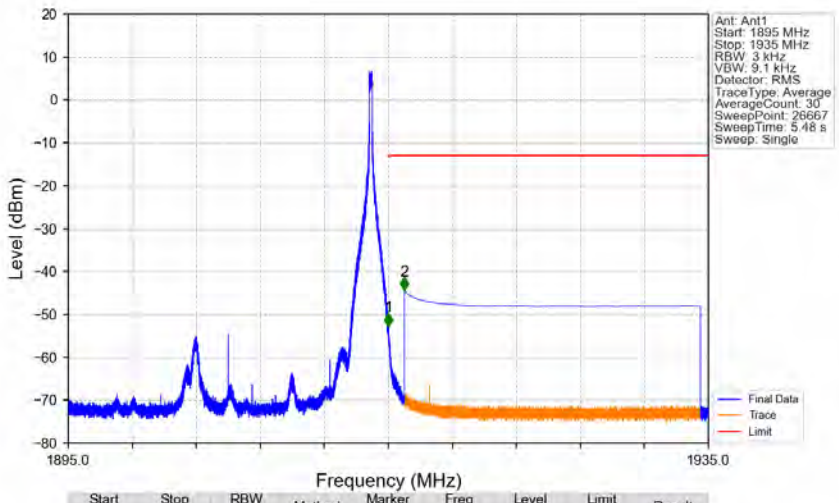
Band25_20MHz_QPSK_HCH_1905MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.005	-52.77	-13	Pass
1916	1935	1	CHP	2	1916.001	-44.32	-13	Pass

Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV

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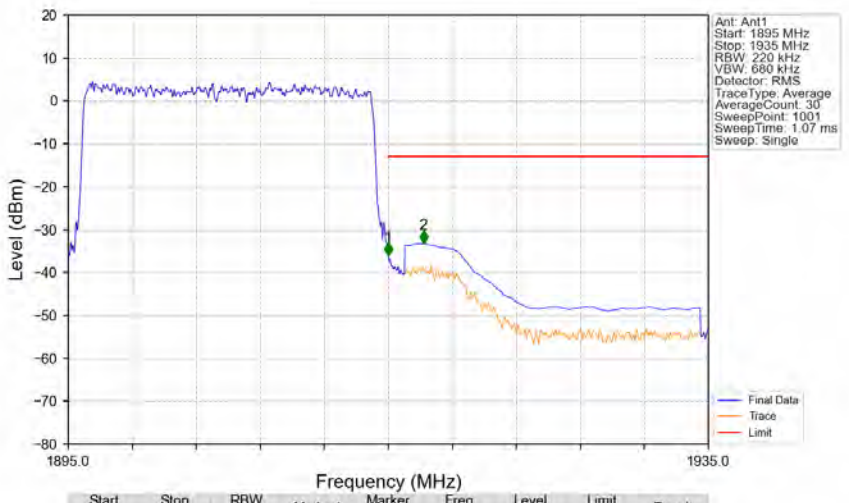

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.22	/	/	/	/	/	/
1915	1916	0.22	/	1	1915.000	-36.16	-13	Pass
1916	1935	1	CHP	2	1917.200	-33.28	-13	Pass

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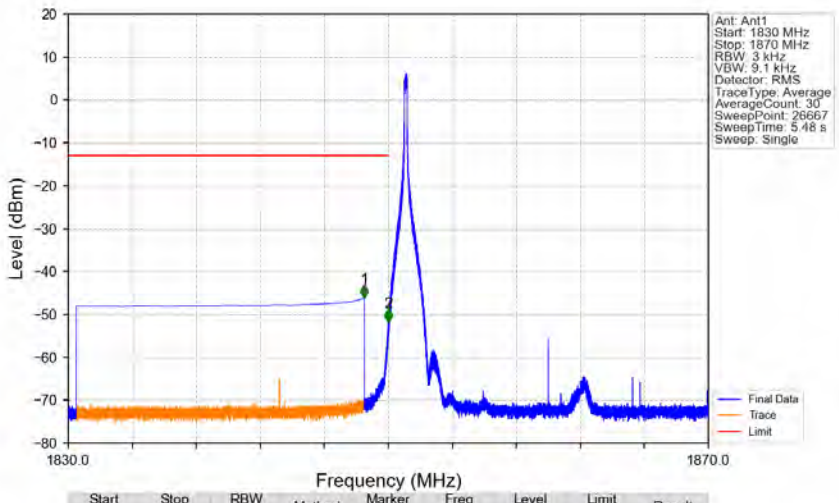
Band25_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.491	-46.15	-13	Pass
1849	1850	0.003	/	2	1849.994	-51.82	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

Band25_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV

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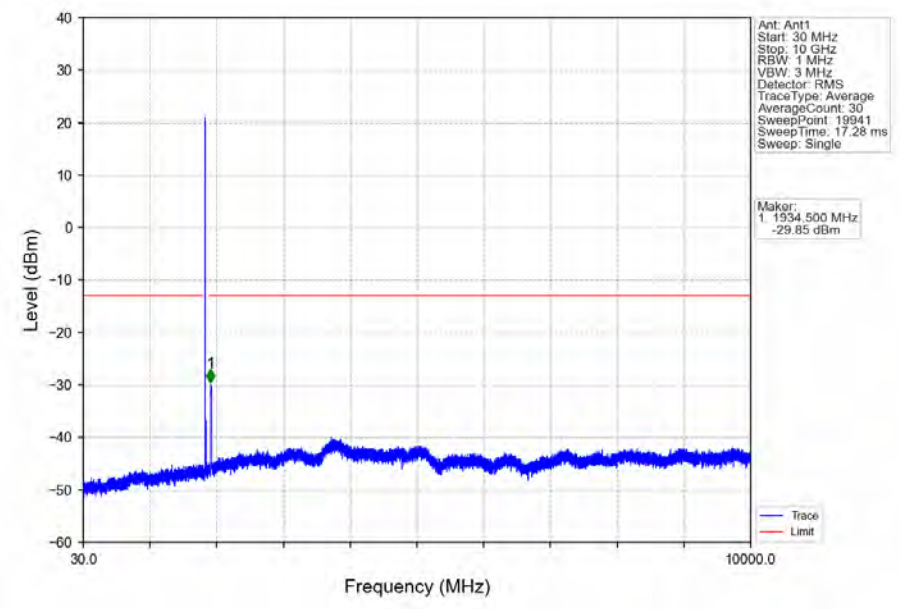

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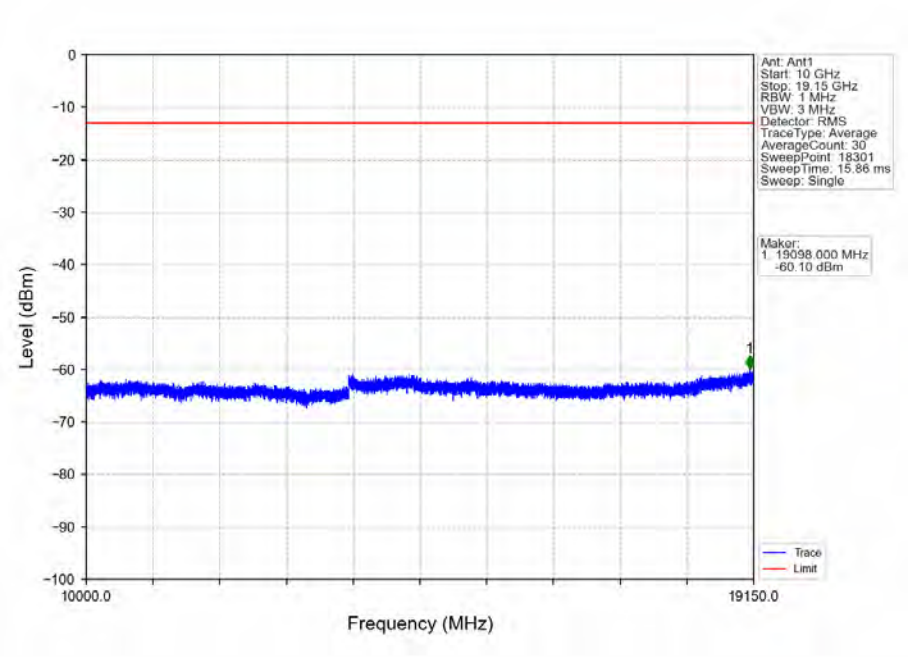
Band25_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV



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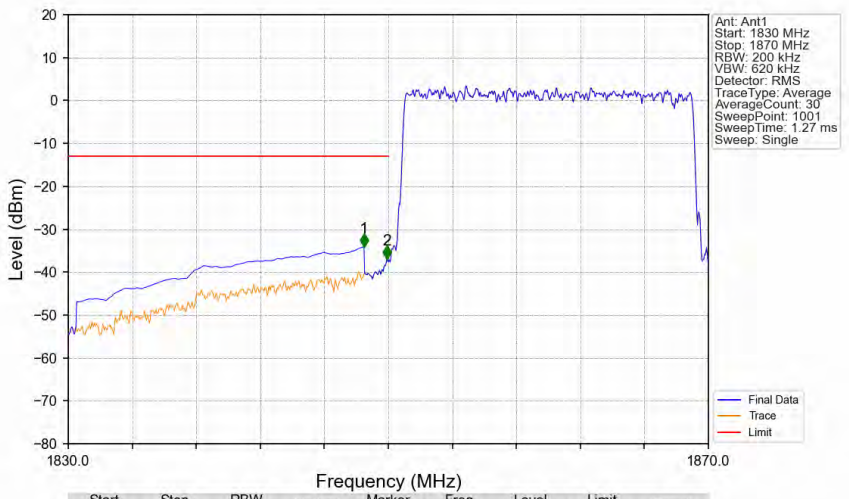

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-34.12	-13	Pass
1849	1850	0.2	/	2	1849.920	-36.99	-13	Pass
1850	1870	0.2	/	/	/	/	/	/

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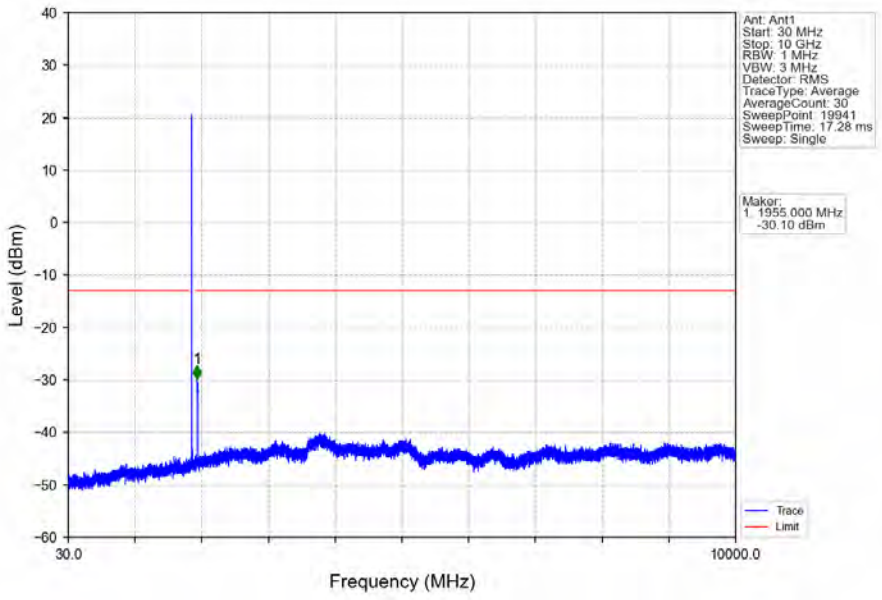

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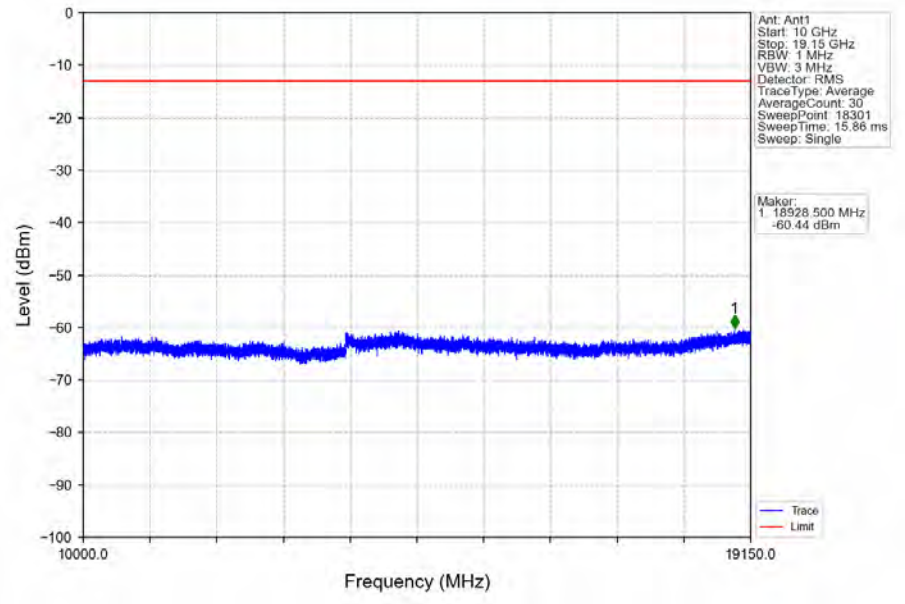

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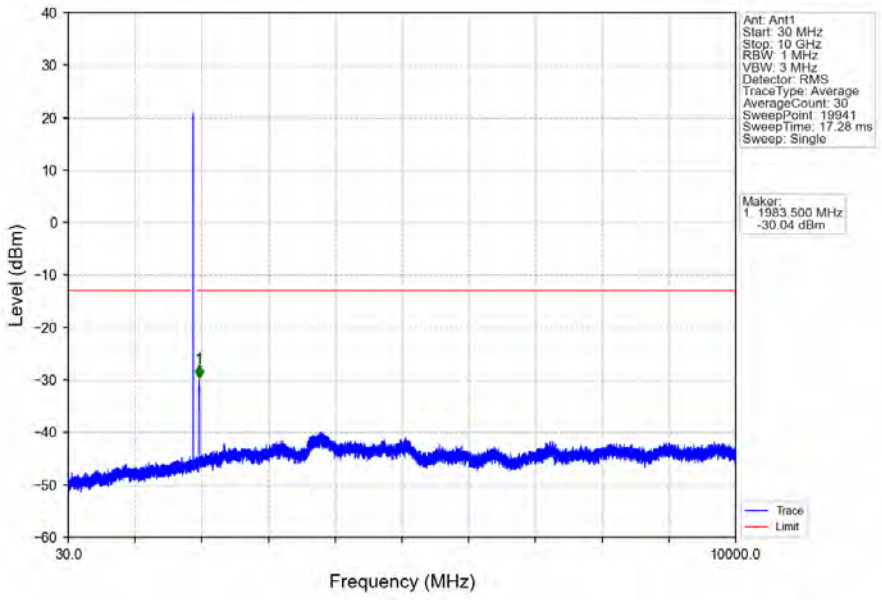

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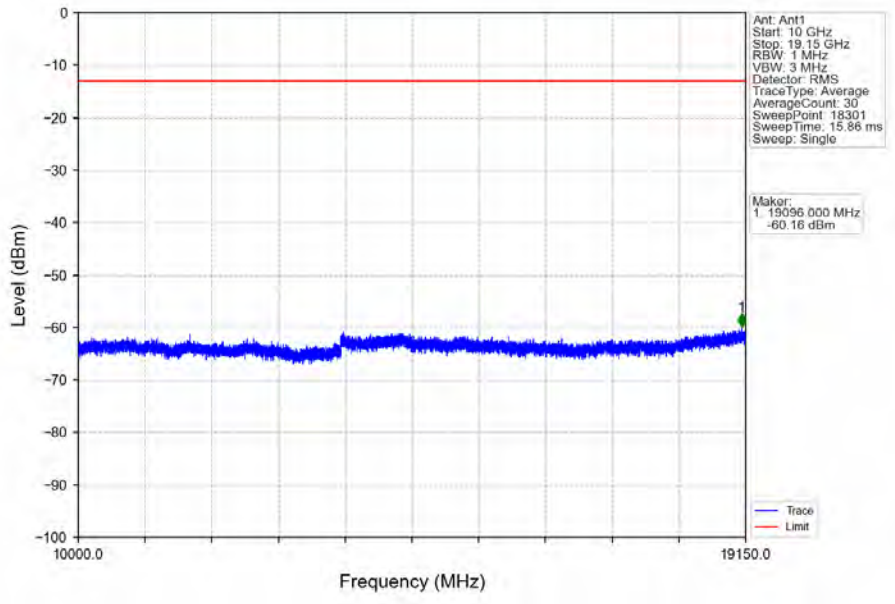

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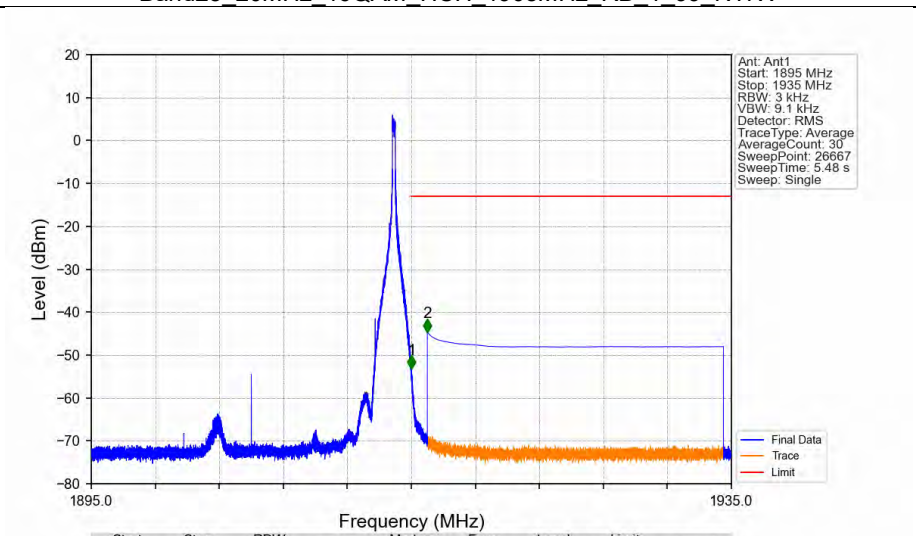

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.009	-53.18	-13	Pass
1916	1935	1	CHP	2	1916.001	-44.65	-13	Pass

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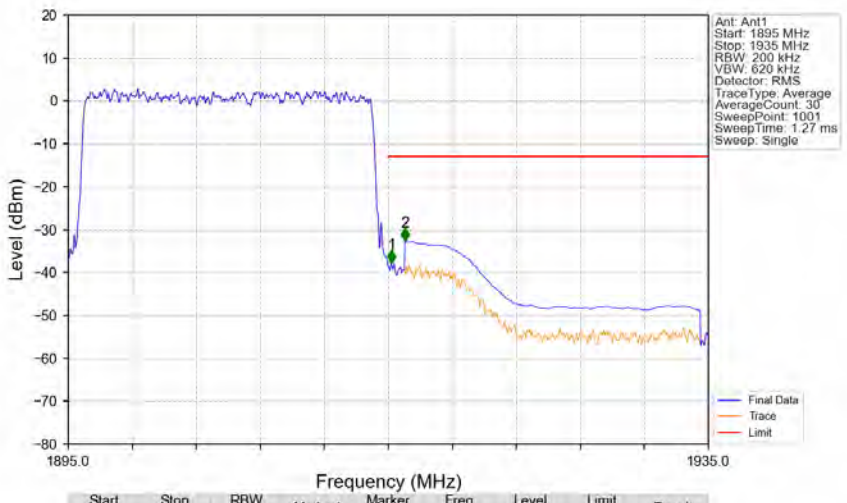

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.2	/	/	/	/	/	/
1915	1916	0.2	/	1	1915.200	-37.92	-13	Pass
1916	1935	1	CHP	2	1916.040	-32.81	-13	Pass

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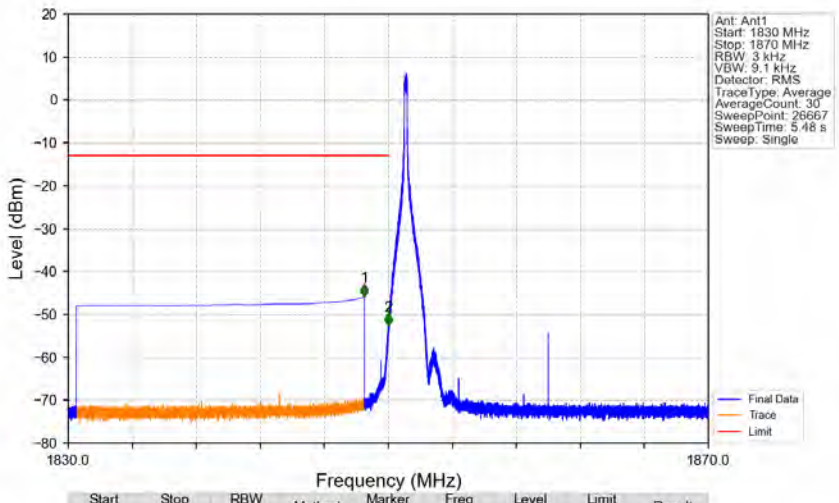
Band25_20MHz_64QAM_LCH_1860MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.497	-45.89	-13	Pass
1849	1850	0.003	/	2	1849.991	-52.74	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

Band25_20MHz_64QAM_LCH_1860MHz_RB_1_0_NTNV

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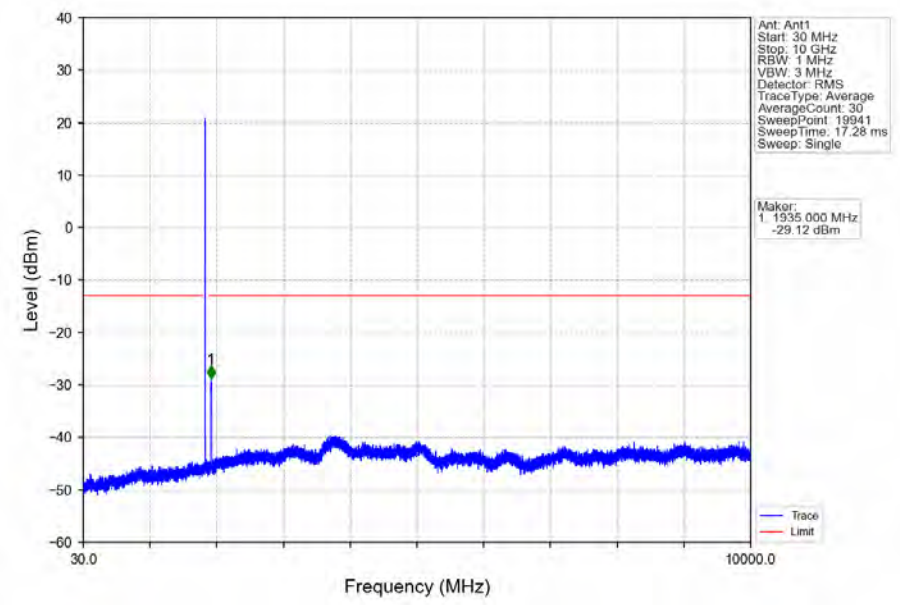

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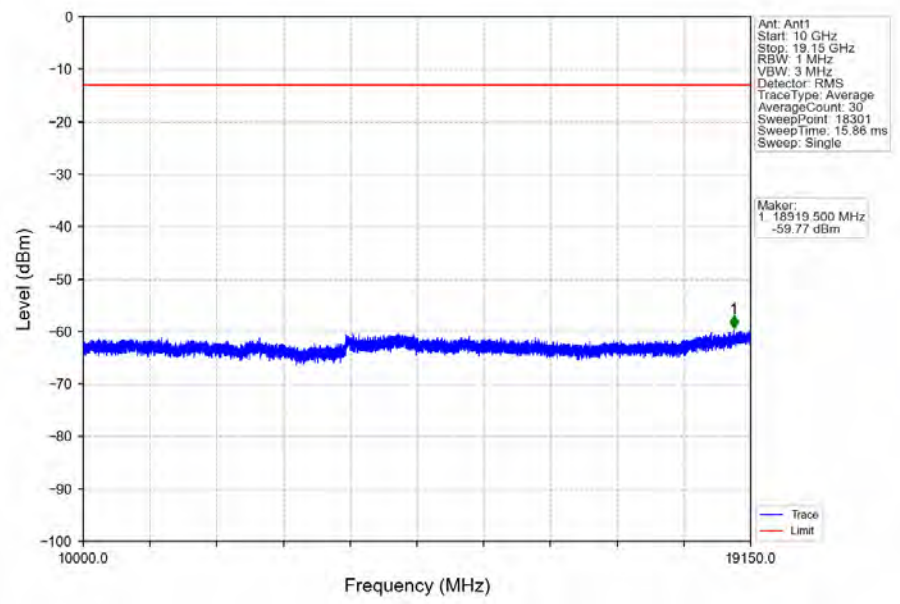
Band25_20MHz_64QAM_LCH_1860MHz_RB_1_0_NTNV



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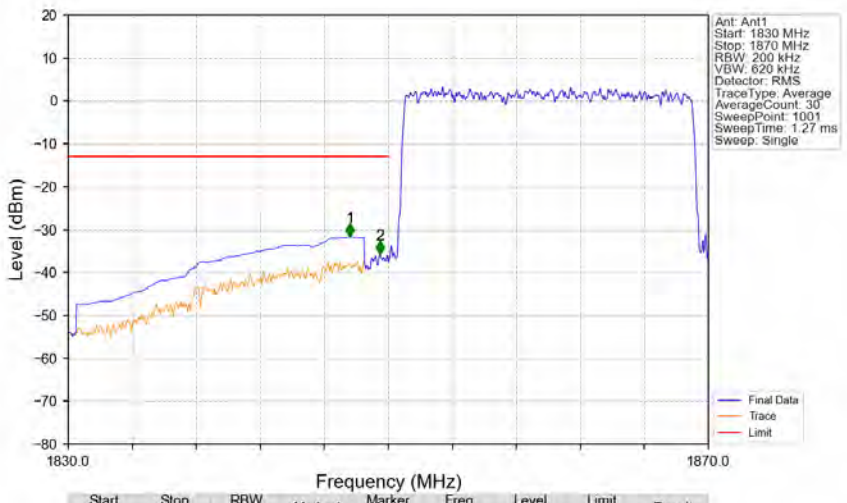

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1847.600	-31.72	-13	Pass
1849	1850	0.2	/	2	1849.480	-35.78	-13	Pass
1850	1870	0.2	/	/	/	/	/	/

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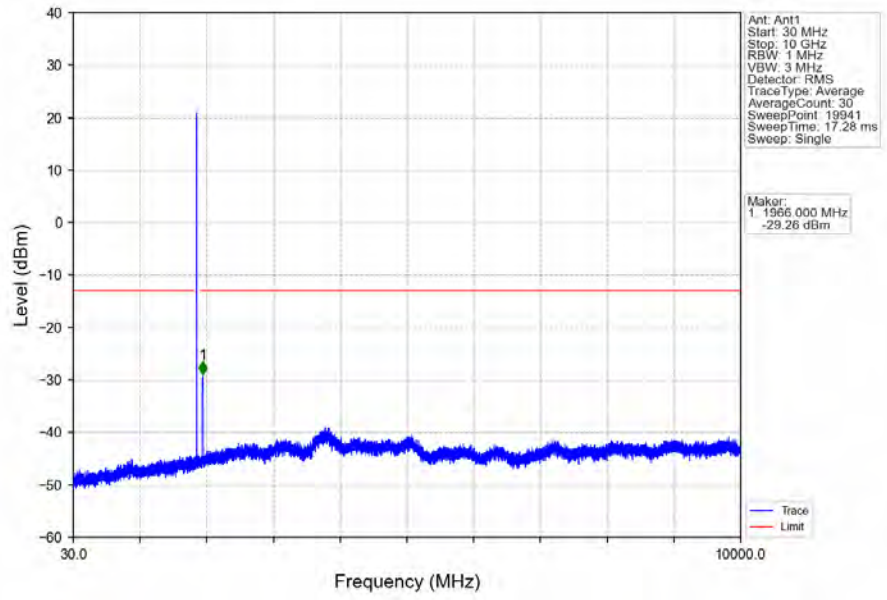
Band25_20MHz_64QAM_MCH_1882.5MHz_RB_1_0_NTNV



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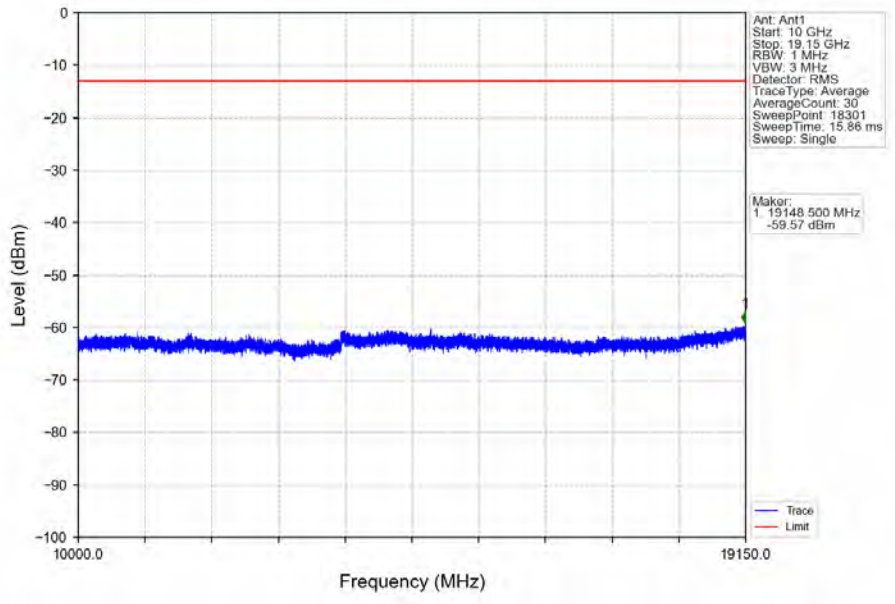

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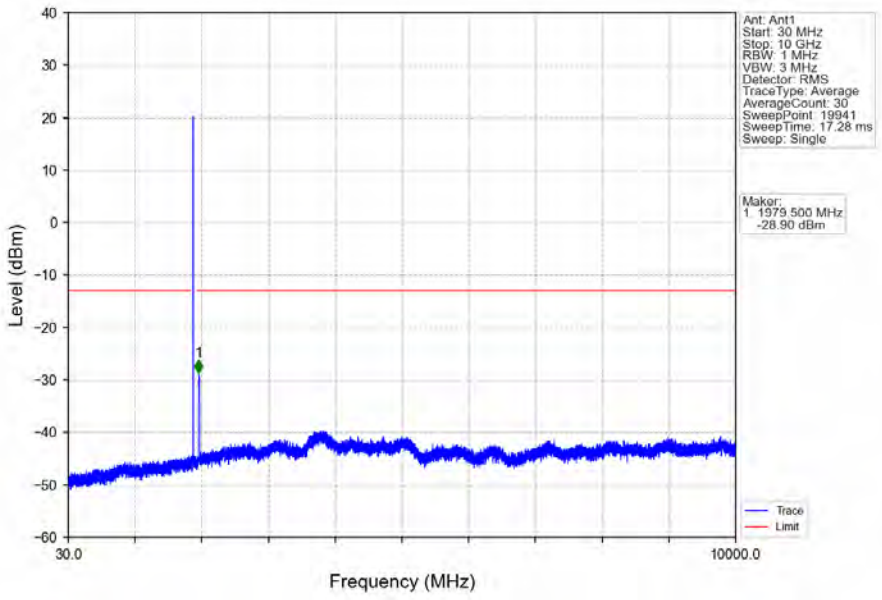

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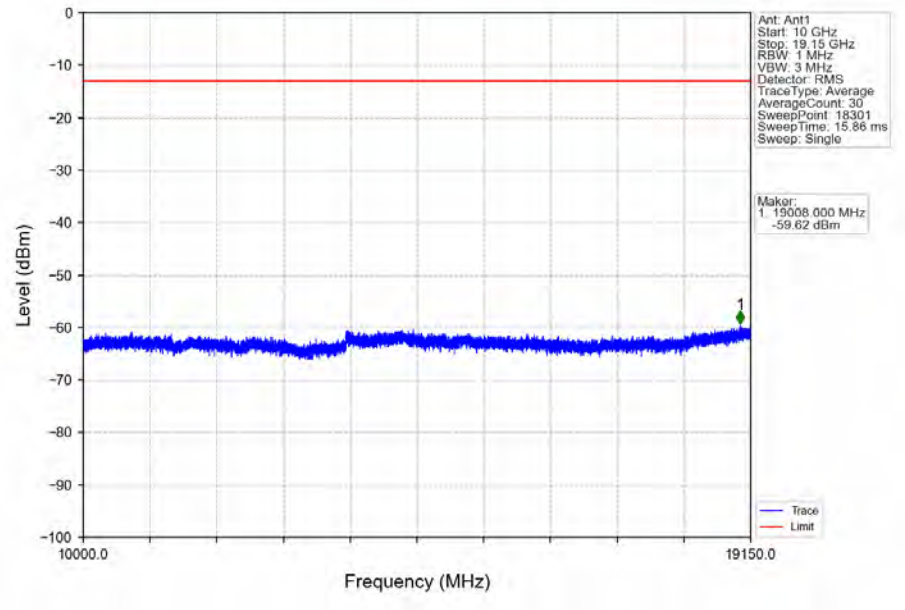

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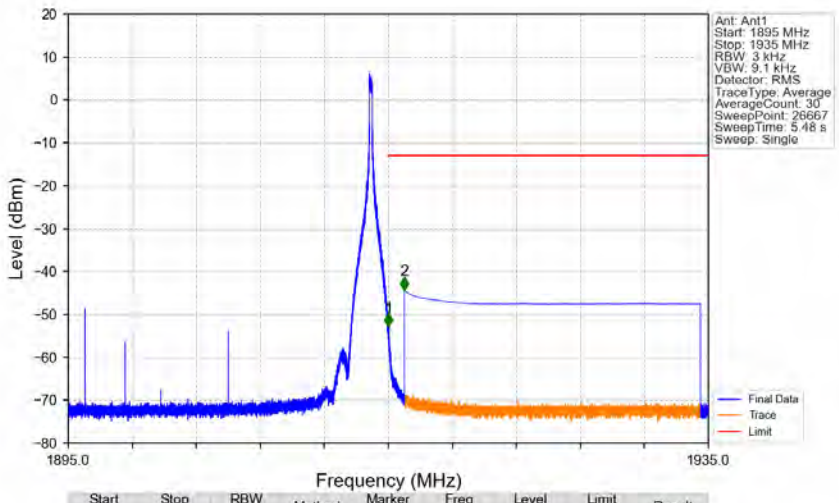

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.006	-52.85	-13	Pass
1916	1935	1	CHP	2	1916.001	-44.31	-13	Pass

Band25_20MHz_64QAM_HCH_1905MHz_RB_100_0_NTNV

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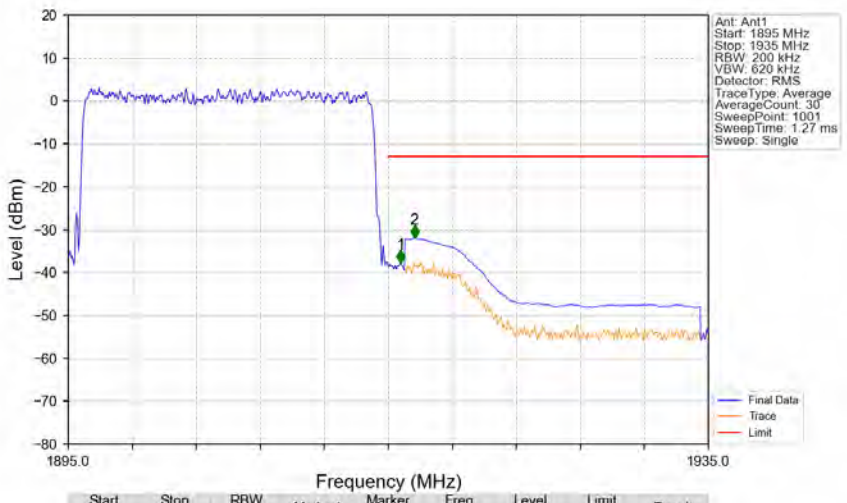

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.2	/	/	/	/	/	/
1915	1916	0.2	/	1	1915.760	-37.83	-13	Pass
1916	1935	1	CHP	2	1916.640	-32.04	-13	Pass

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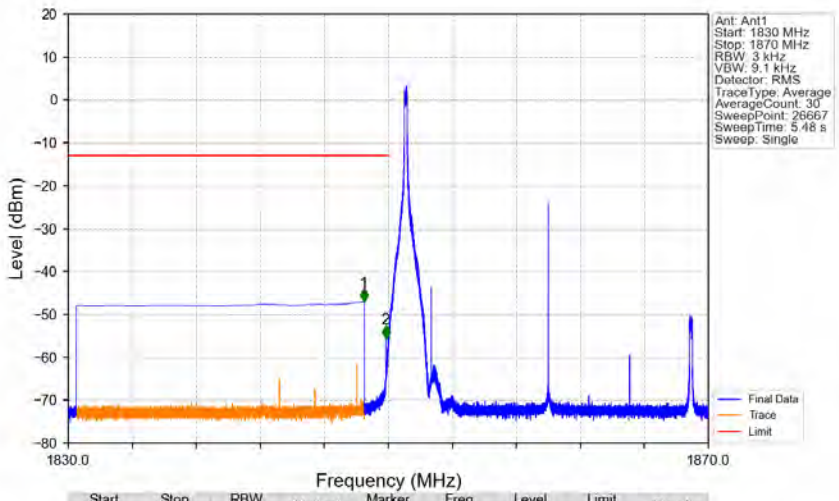
Band25_20MHz_256QAM_LCH_1860MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.486	-46.99	-13	Pass
1849	1850	0.003	/	2	1849.841	-55.59	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

Band25_20MHz_256QAM_LCH_1860MHz_RB_1_0_NTNV

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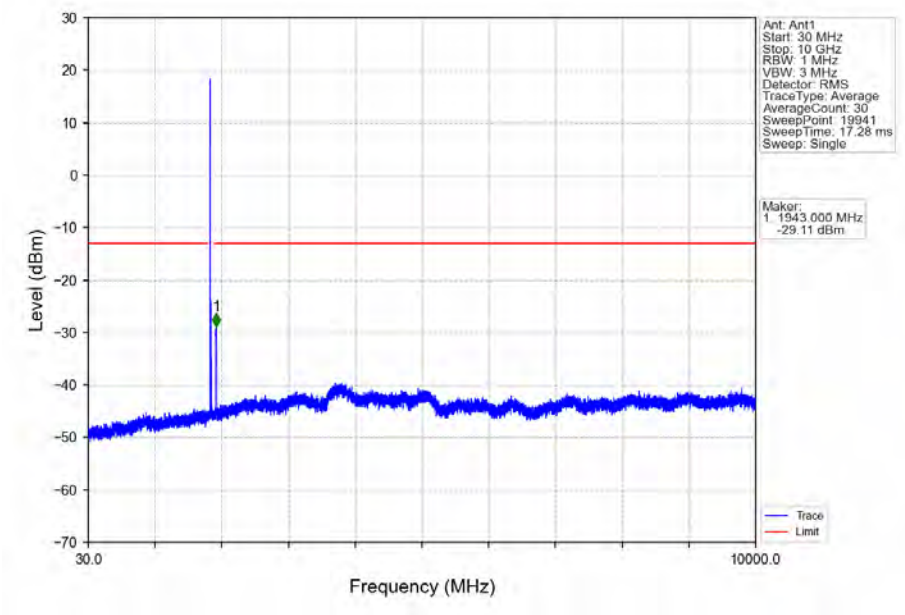

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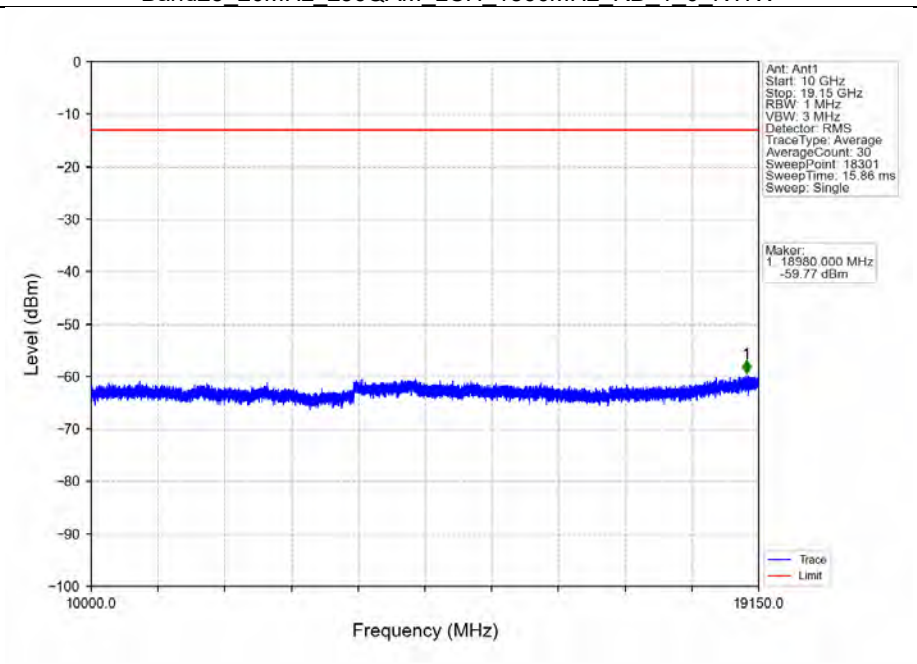
Band25_20MHz_256QAM_LCH_1860MHz_RB_1_0_NTNV



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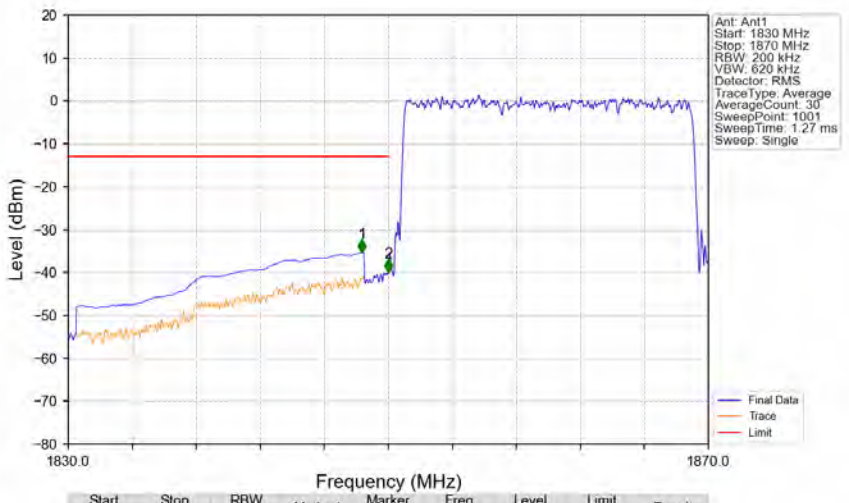

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.360	-35.35	-13	Pass
1849	1850	0.2	/	2	1850.000	-39.97	-13	Pass
1850	1870	0.2	/	/	/	/	/	/

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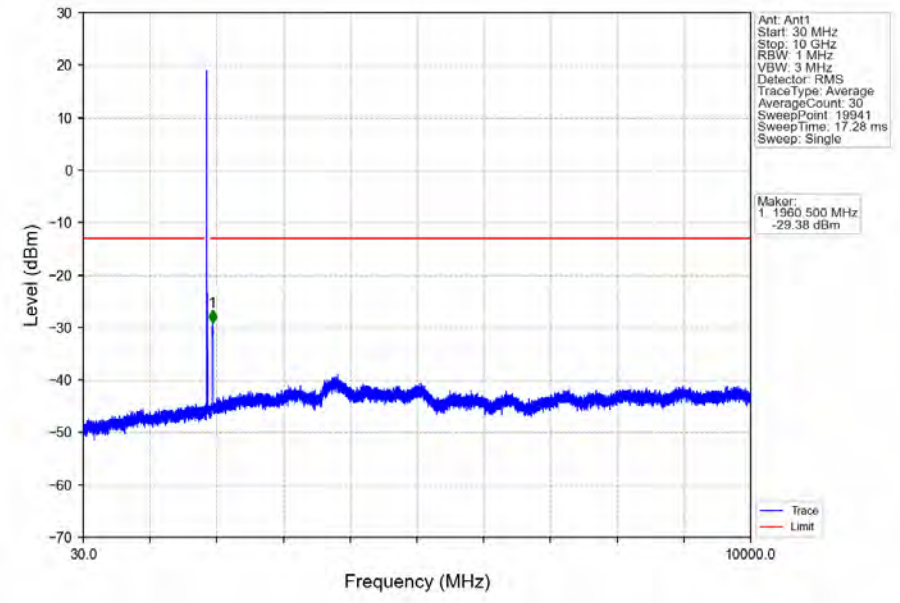

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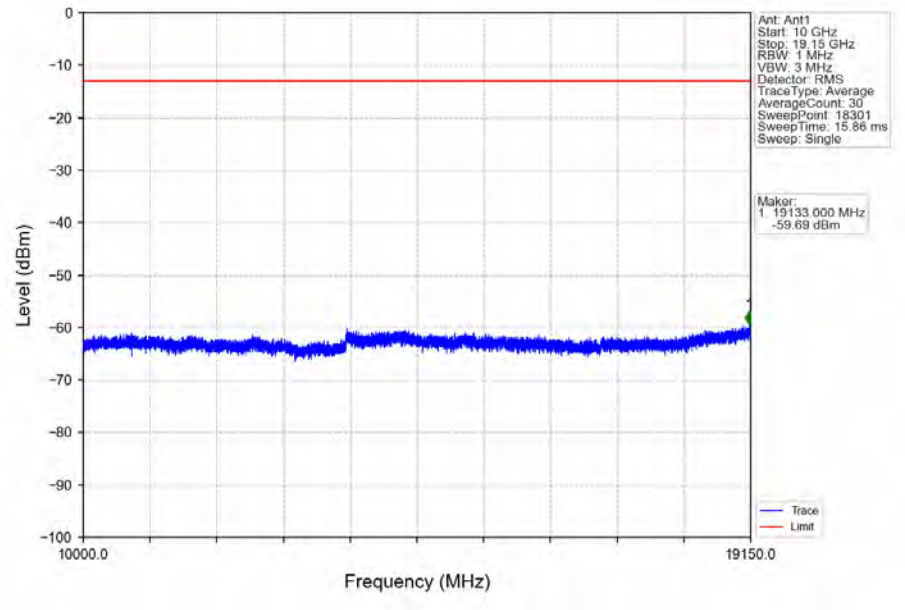

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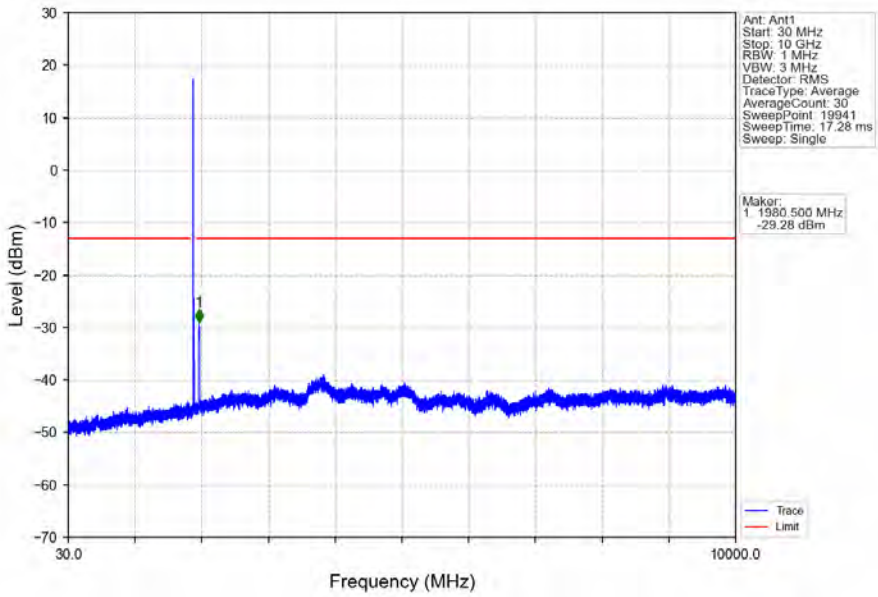

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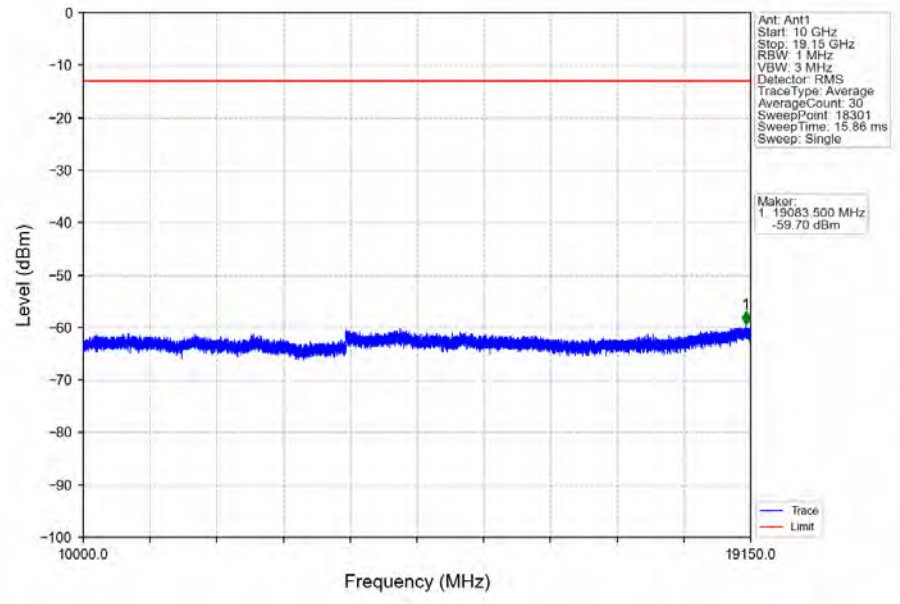

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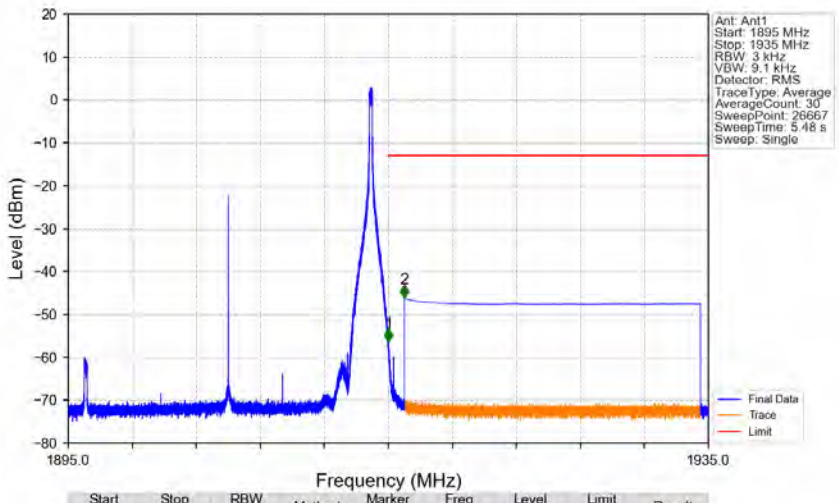

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.005	-56.38	-13	Pass
1916	1935	1	CHP	2	1916.001	-46.15	-13	Pass

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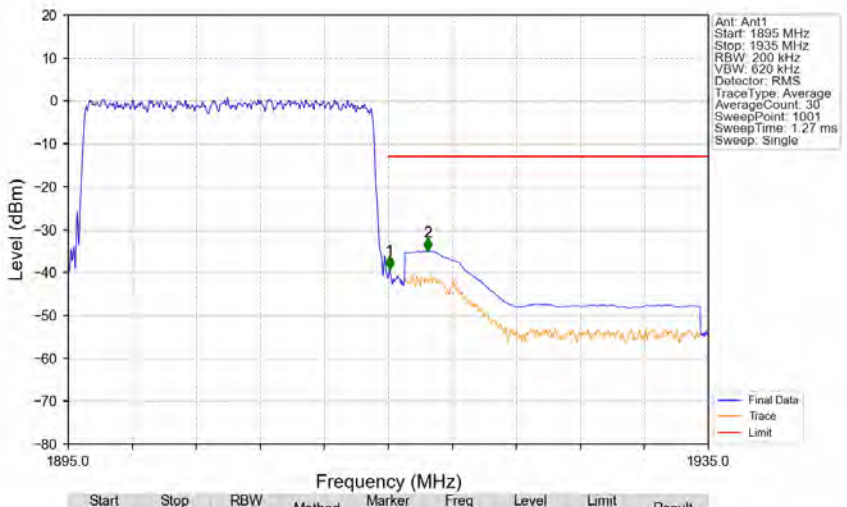

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.2	/	/	/	/	/	/
1915	1916	0.2	/	1	1915.080	-39.24	-13	Pass
1916	1935	1	CHP	2	1917.480	-35.02	-13	Pass

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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	-56.2	-13	-43.2	-61.08	3.29	8.17	Horizontal	Pass
5553	-52.24	-13	-39.24	-58.45	4.24	10.45	Horizontal	Pass
7404	-49.16	-13	-36.16	-56.1	4.19	11.13	Horizontal	Pass
3702	-55.33	-13	-42.33	-60.21	3.29	8.17	Vertical	Pass
5553	-52.85	-13	-39.85	-59.06	4.24	10.45	Vertical	Pass
7404	-49.96	-13	-36.96	-56.9	4.19	11.13	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	-56.28	-13	-43.28	-61.16	3.29	8.17	Horizontal	Pass
5620.5	-53.32	-13	-40.32	-59.53	4.24	10.45	Horizontal	Pass
7494	-50.04	-13	-37.04	-56.98	4.19	11.13	Horizontal	Pass
3747	-56.72	-13	-43.72	-61.6	3.29	8.17	Vertical	Pass
5620.5	-53.25	-13	-40.25	-59.46	4.24	10.45	Vertical	Pass
7494	-49.71	-13	-36.71	-56.65	4.19	11.13	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	-56.79	-13	-43.79	-61.67	3.29	8.17	Horizontal	Pass
5688	-53.77	-13	-40.77	-59.98	4.24	10.45	Horizontal	Pass
7584	-50.13	-13	-37.13	-57.655	4.22	11.74	Horizontal	Pass
3792	-56.23	-13	-43.23	-61.11	3.29	8.17	Vertical	Pass
5688	-53.48	-13	-40.48	-59.69	4.24	10.45	Vertical	Pass
7584	-49.79	-13	-36.79	-57.315	4.22	11.74	Vertical	Pass

---End of Attachment---

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