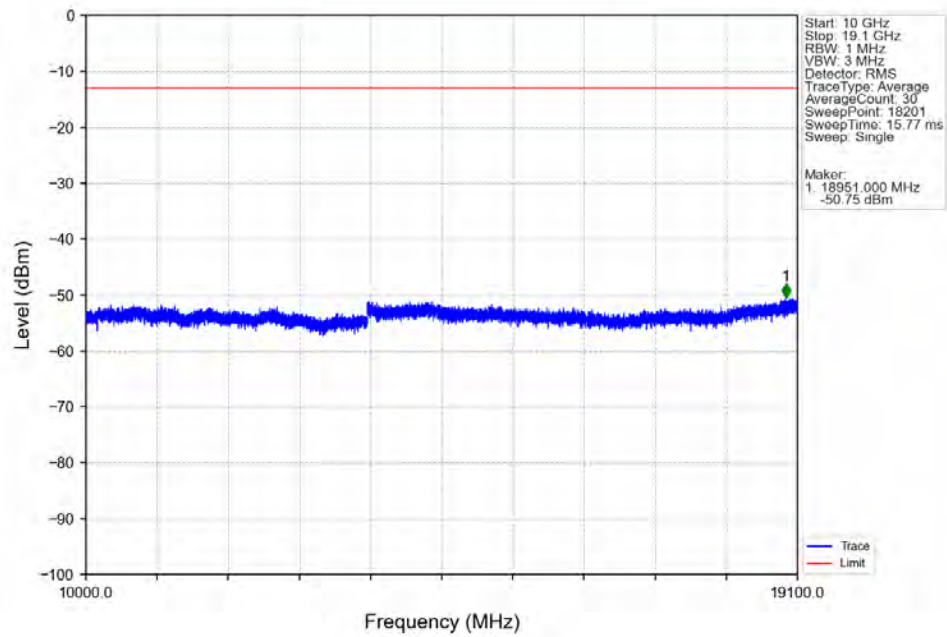
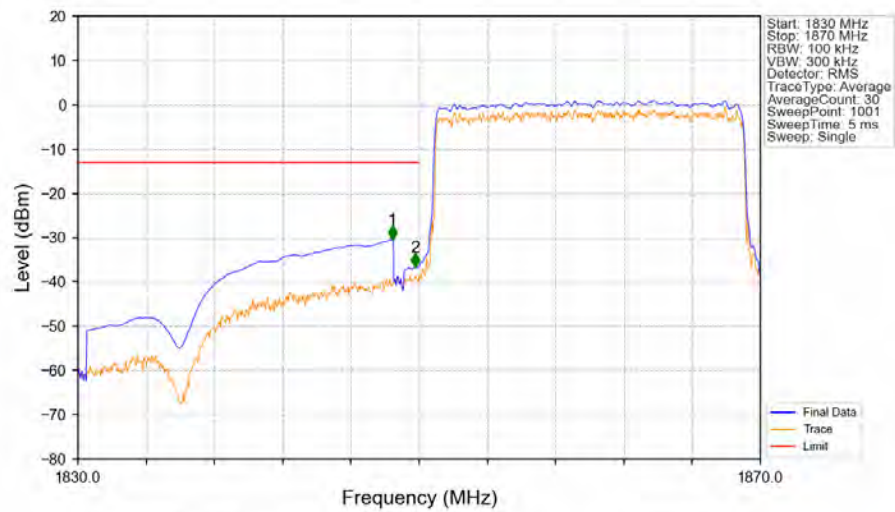


Band2 20MHz QPSK LCH 1860MHz RB 1 0 NTNV

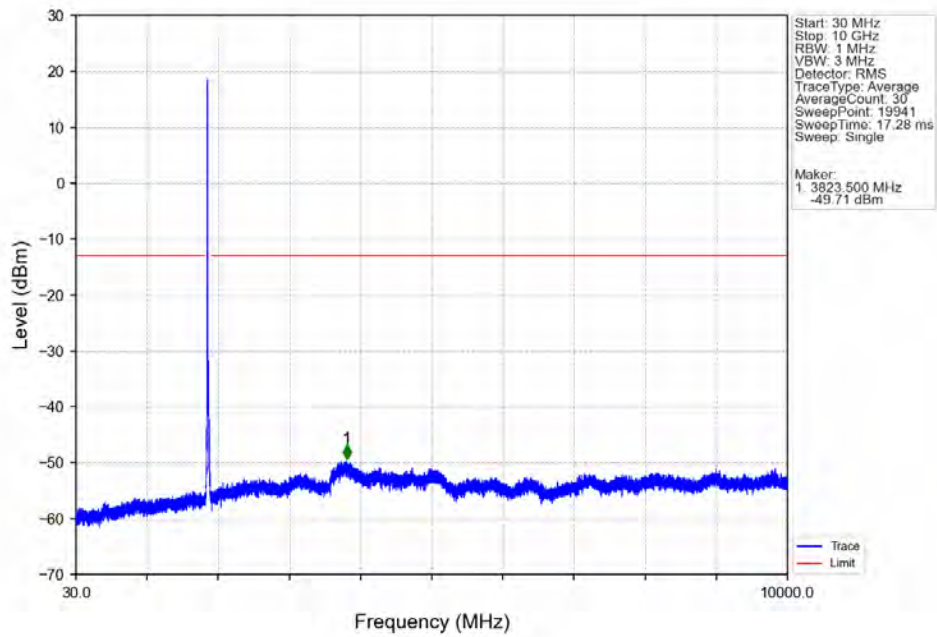


Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

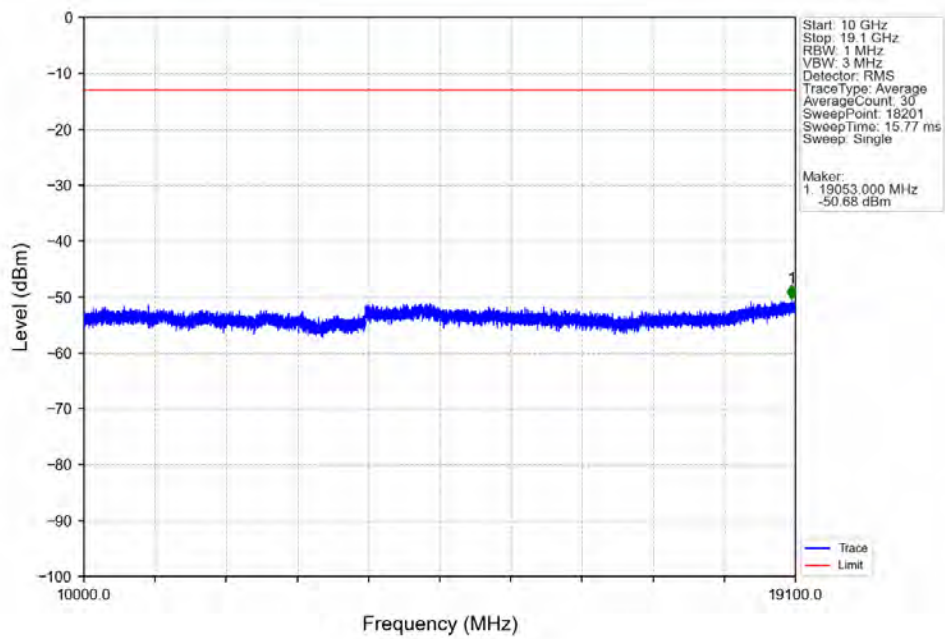


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.440	-30.45	-13	Pass
1849	1850	0.199	CHP	2	1849.760	-36.67	-13	Pass
1850	1870	0.199	CHP	/	/	/	/	/

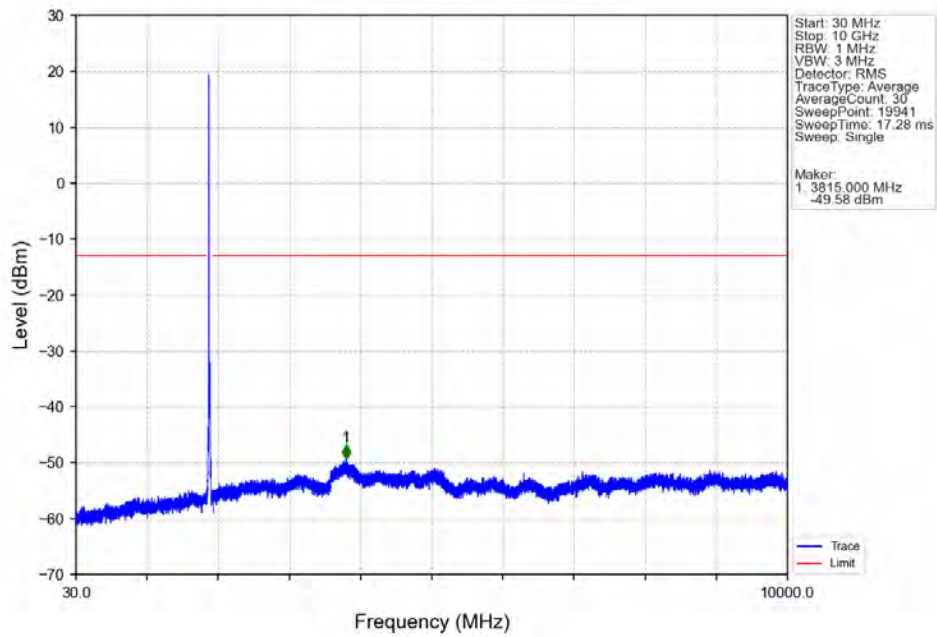
Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



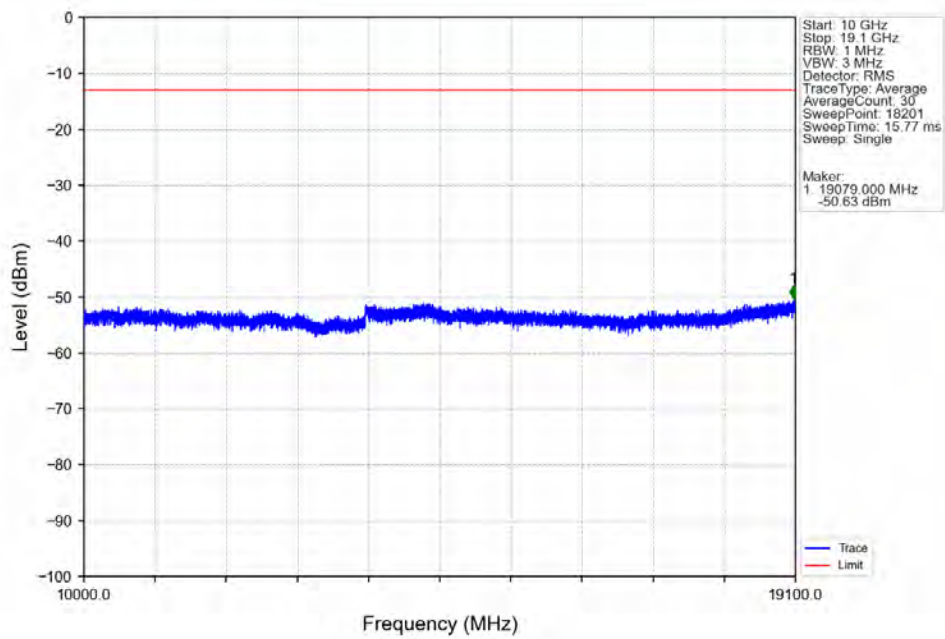
Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



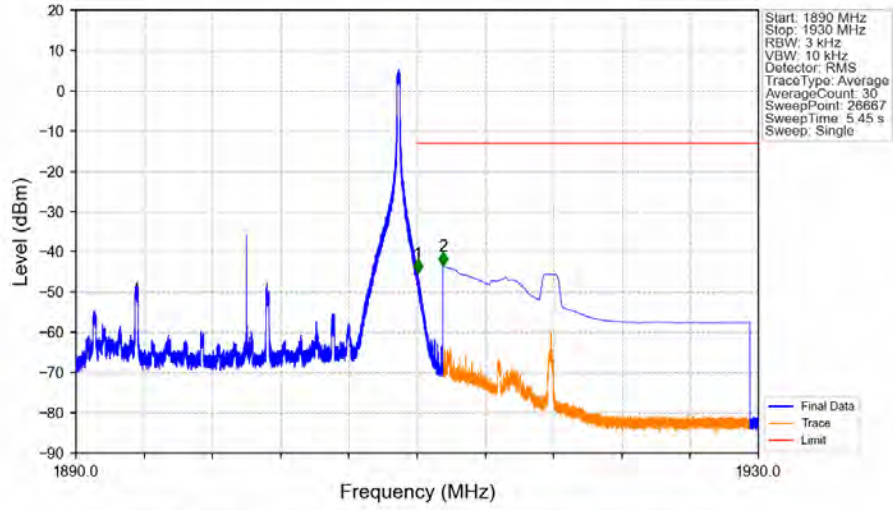
Band2 20MHz QPSK HCH 1900MHz RB 1 0 NTN



Band2 20MHz QPSK HCH 1900MHz RB 1 0 NTN

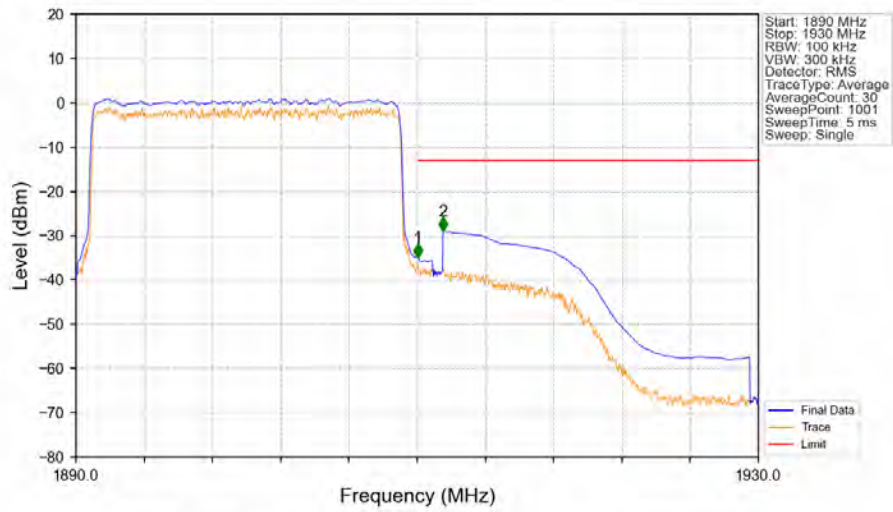


Band2 20MHz QPSK HCH 1900MHz RB 1 99 NTV



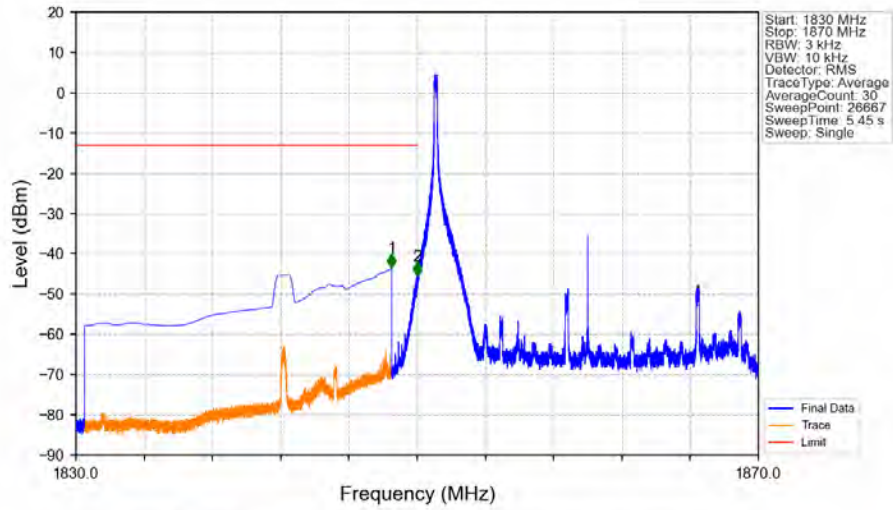
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.032	-45.20	-13	Pass
1911	1930	1	CHP	2	1911.500	-43.40	-13	Pass

Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTV



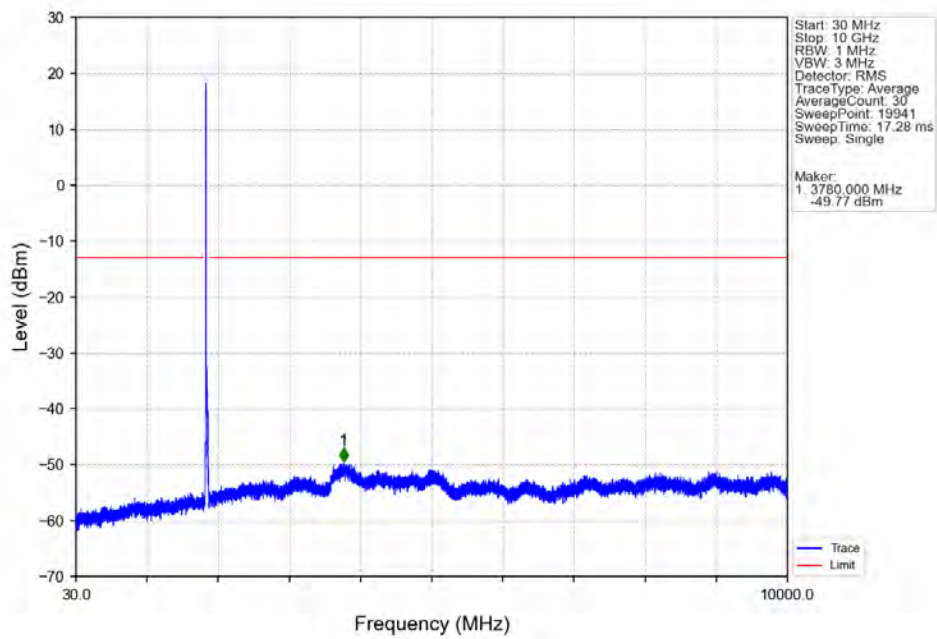
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.198	CHP	/	/	/	/	/
1910	1911	0.198	CHP	1	1910.040	-34.94	-13	Pass
1911	1930	1	CHP	2	1911.520	-28.91	-13	Pass

Band2 20MHz 16QAM LCH 1860MHz RB 1 0 NTNV

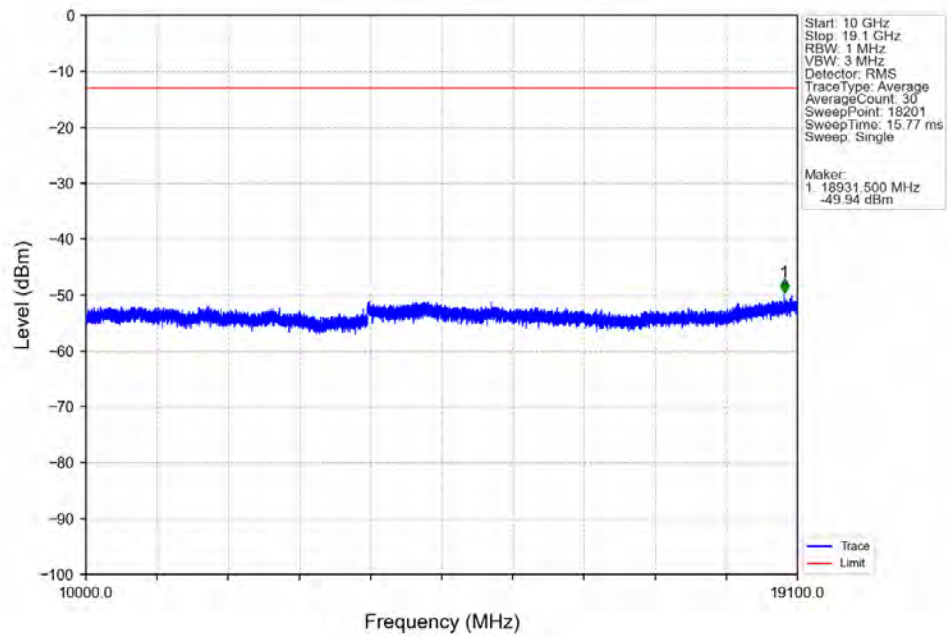


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.497	-43.55	-13	Pass
1849	1850	0.003	/	2	1849.993	-45.47	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

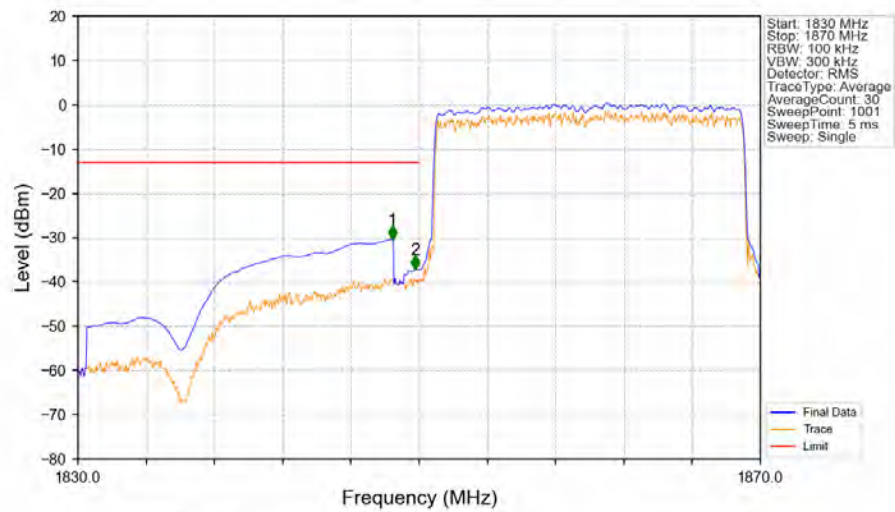
Band2 20MHz 16QAM LCH 1860MHz RB 1 0 NTNV



Band2 20MHz 16QAM LCH 1860MHz RB 1 0 NTNV

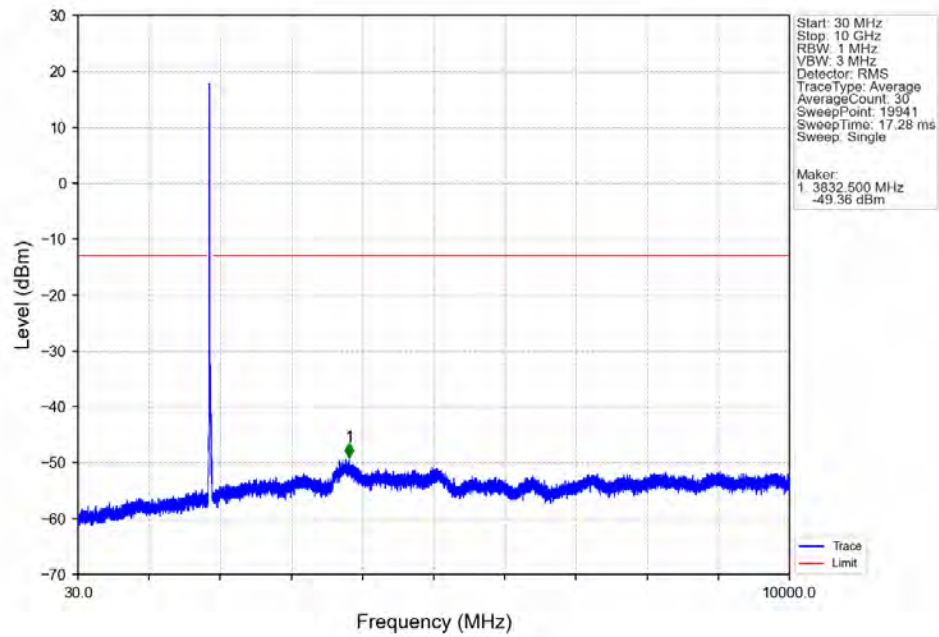


Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV

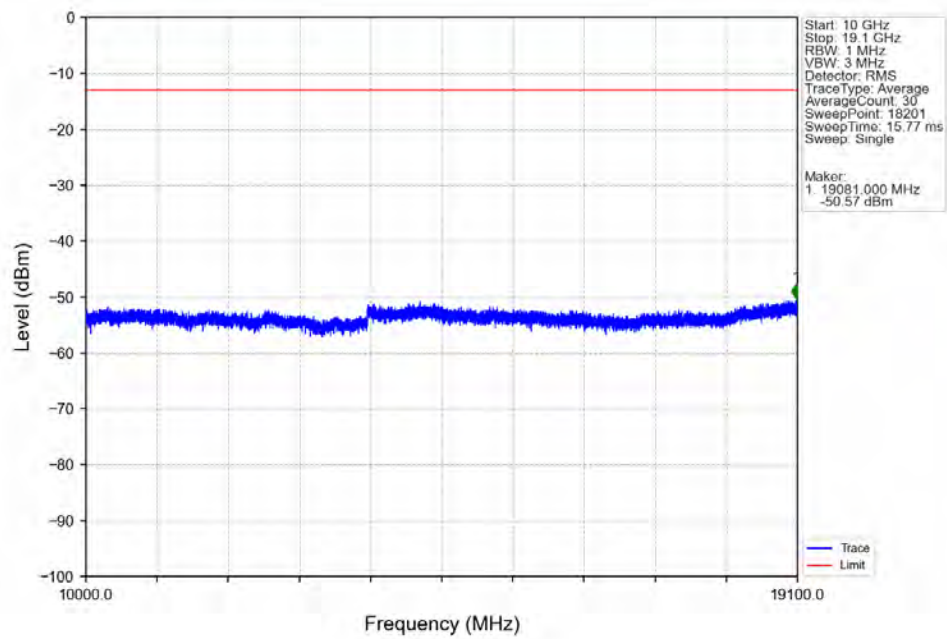


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.440	-30.37	-13	Pass
1849	1850	0.198	CHP	2	1849.760	-37.17	-13	Pass
1850	1870	0.198	CHP	/	/	/	/	/

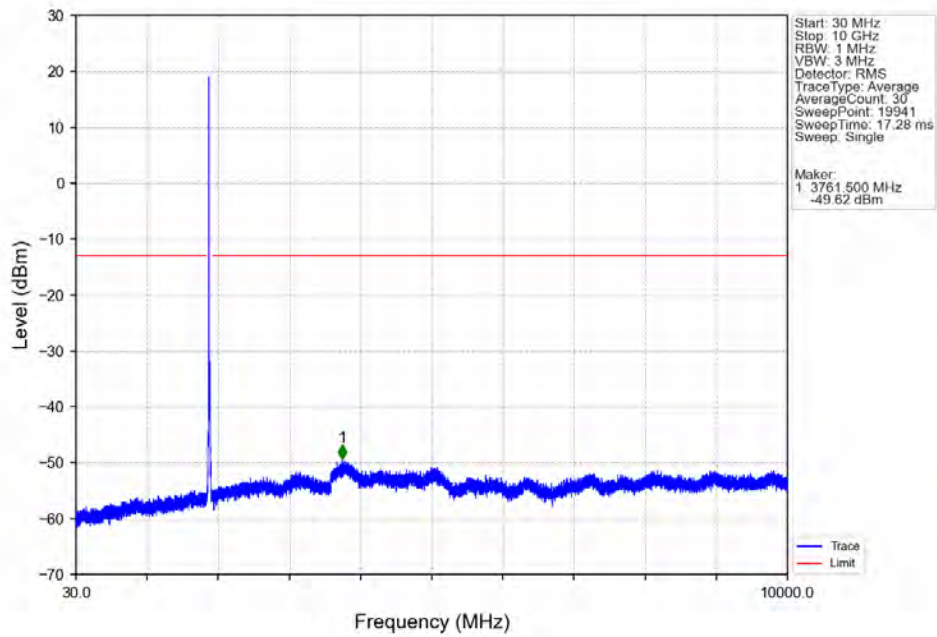
Band2 20MHz 16QAM MCH 1880MHz RB 1 0 NTV



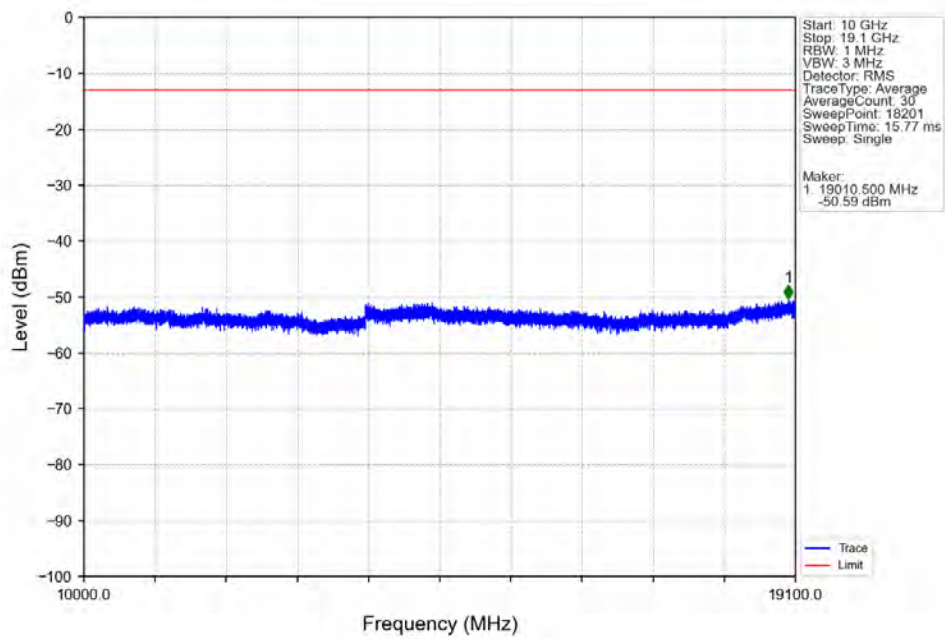
Band2 20MHz 16QAM MCH 1880MHz RB 1 0 NTV



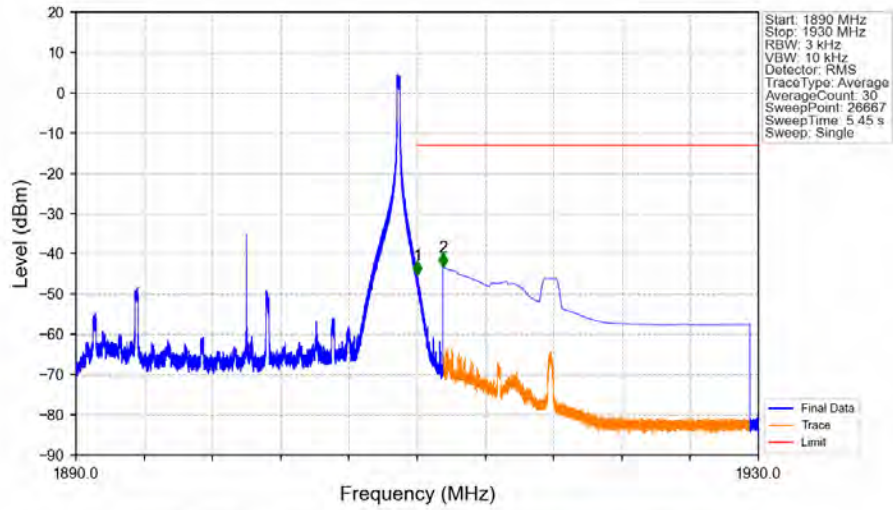
Band2 20MHz 16QAM HCH 1900MHz RB 1 0 NTV



Band2 20MHz 16QAM HCH 1900MHz RB 1 0 NTV

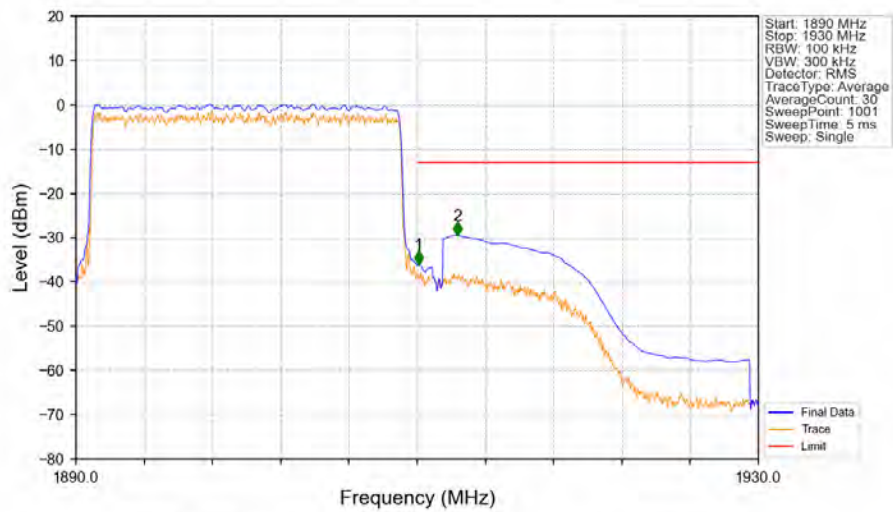


Band2_20MHz_16QAM_HCH_1900MHz_RB_1_99_NTNV



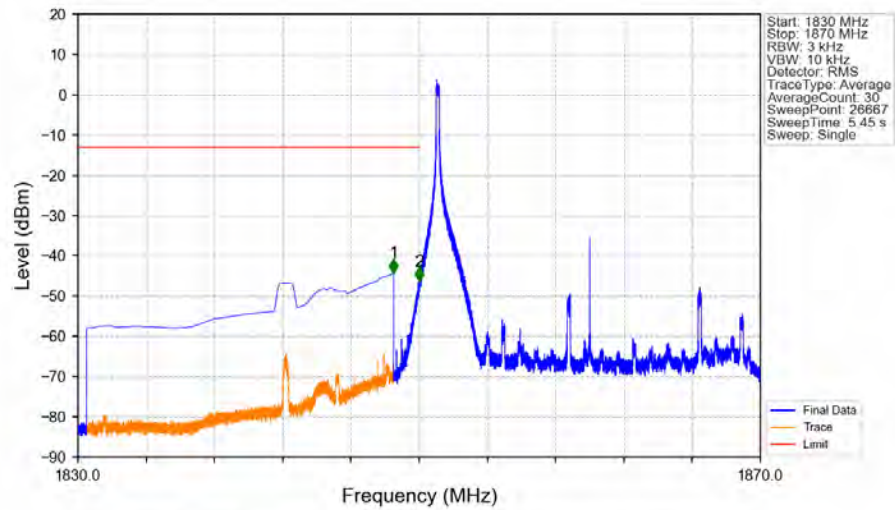
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.016	-45.31	-13	Pass
1911	1930	1	CHP	2	1911.500	-43.33	-13	Pass

Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



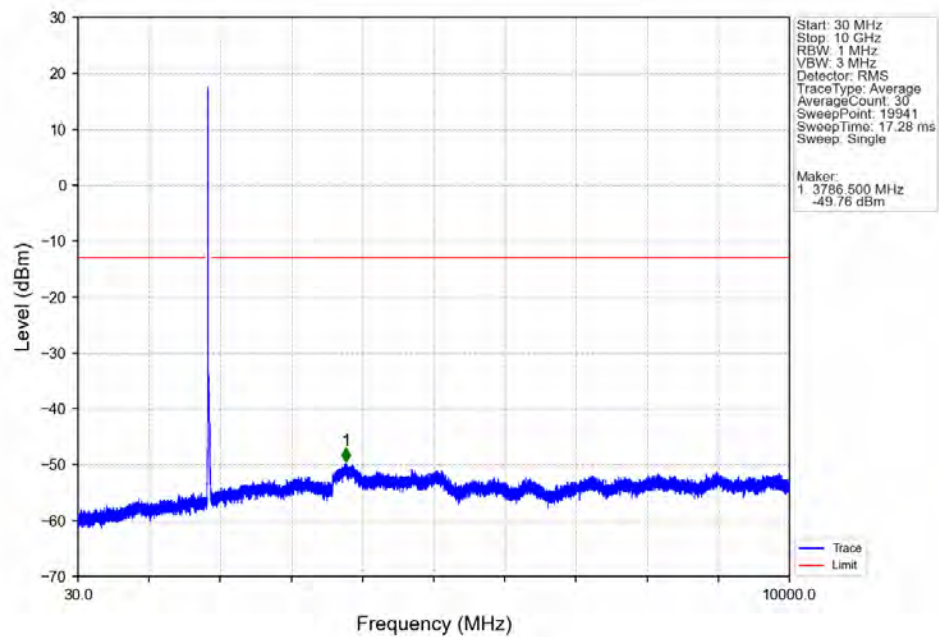
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.198	CHP	/	/	/	/	/
1910	1911	0.198	CHP	1	1910.080	-36.11	-13	Pass
1911	1930	1	CHP	2	1912.360	-29.48	-13	Pass

Band2 20MHz 64QAM LCH 1860MHz RB 1 0 NTNV

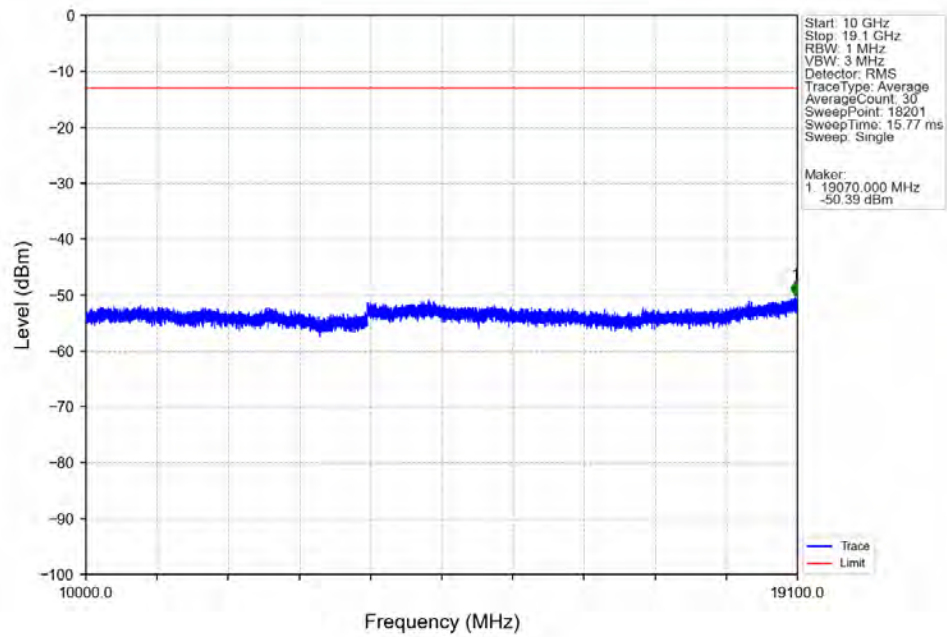


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.500	-44.16	-13	Pass
1849	1850	0.003	/	2	1849.998	-46.32	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

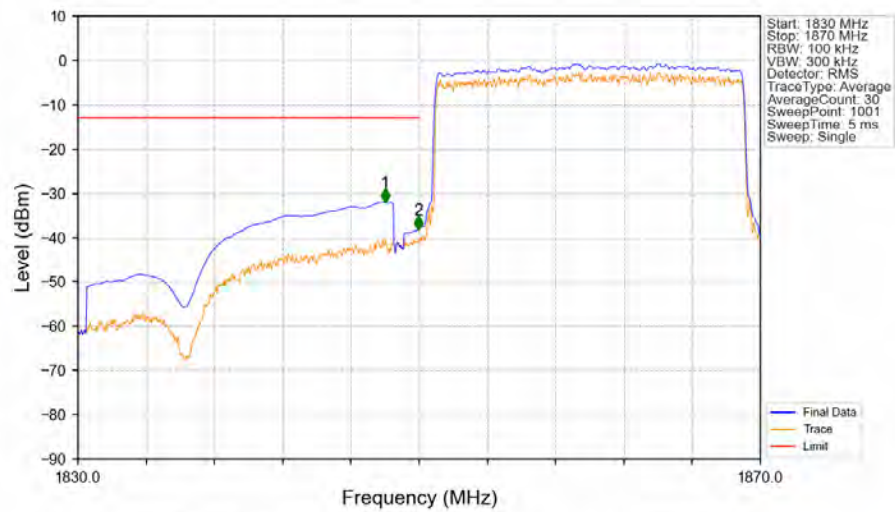
Band2 20MHz 64QAM LCH 1860MHz RB 1 0 NTNV



Band2 20MHz 64QAM LCH 1860MHz RB 1 0 NTNV

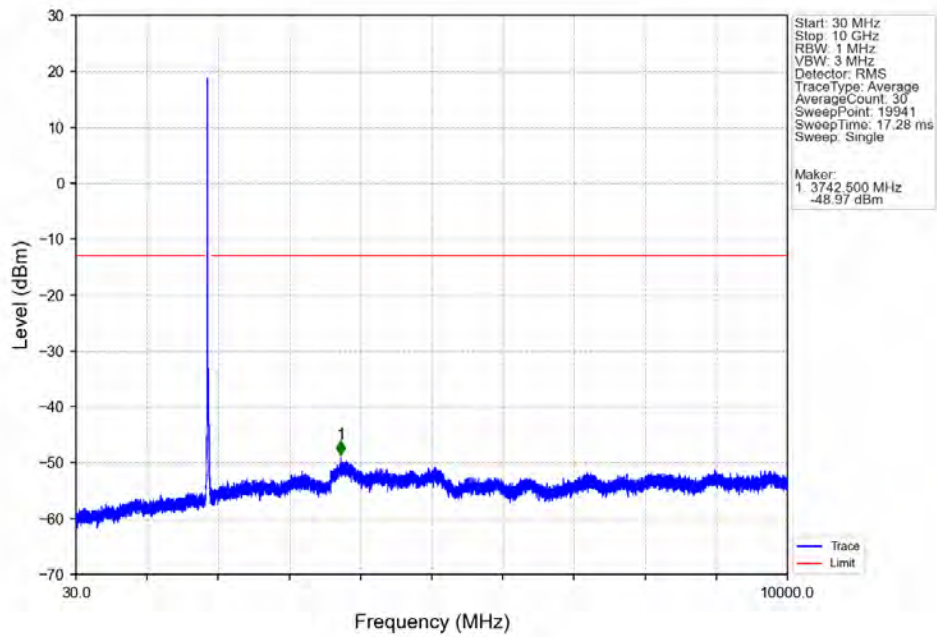


Band2_20MHz_64QAM_LCH_1860MHz_RB_100_0_NTNV

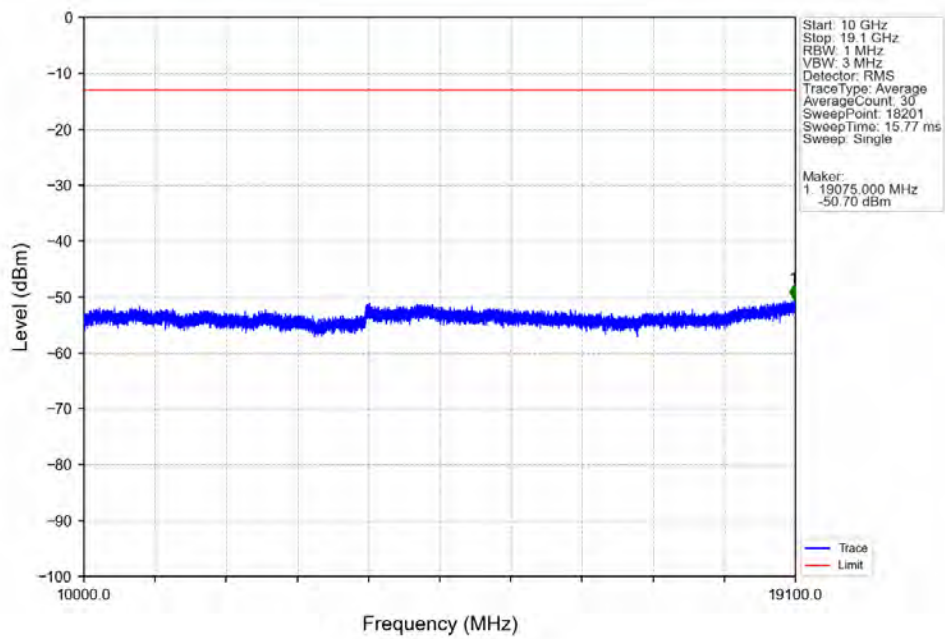


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.000	-32.00	-13	Pass
1849	1850	0.198	CHP	2	1849.960	-38.21	-13	Pass
1850	1870	0.198	CHP	/	/	/	/	/

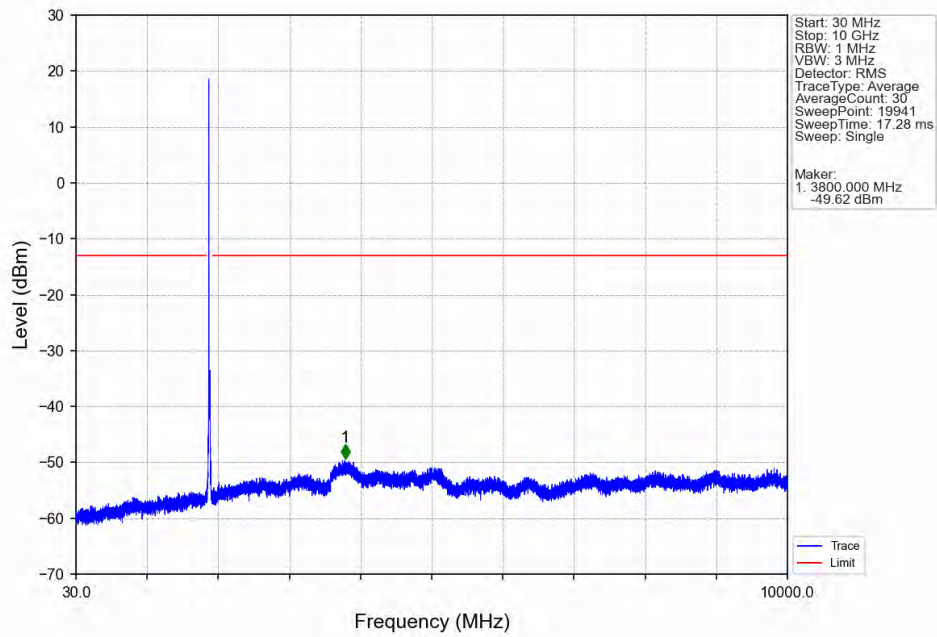
Band2 20MHz 64QAM MCH 1880MHz RB 1 0 NTV



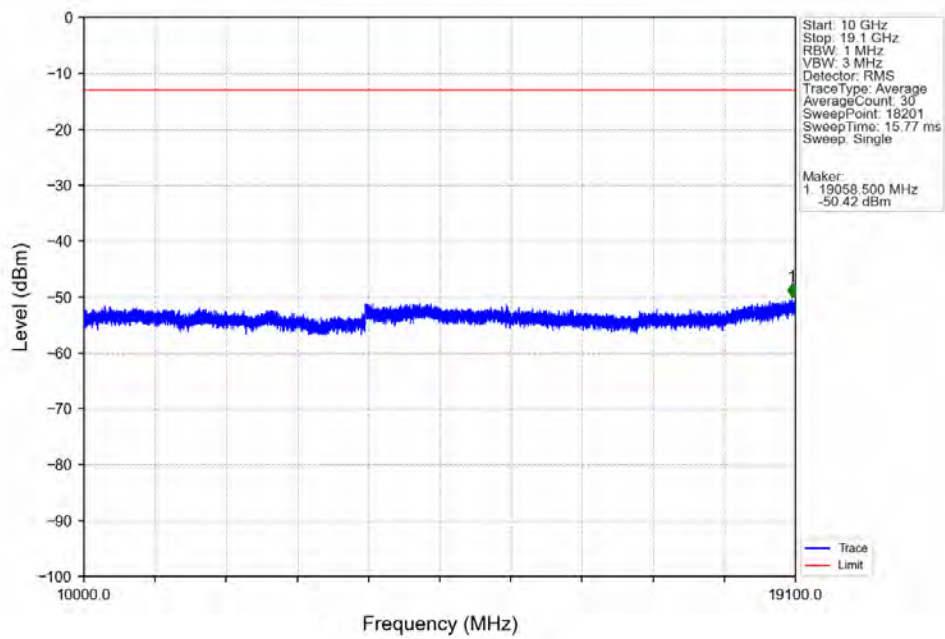
Band2 20MHz 64QAM MCH 1880MHz RB 1 0 NTV



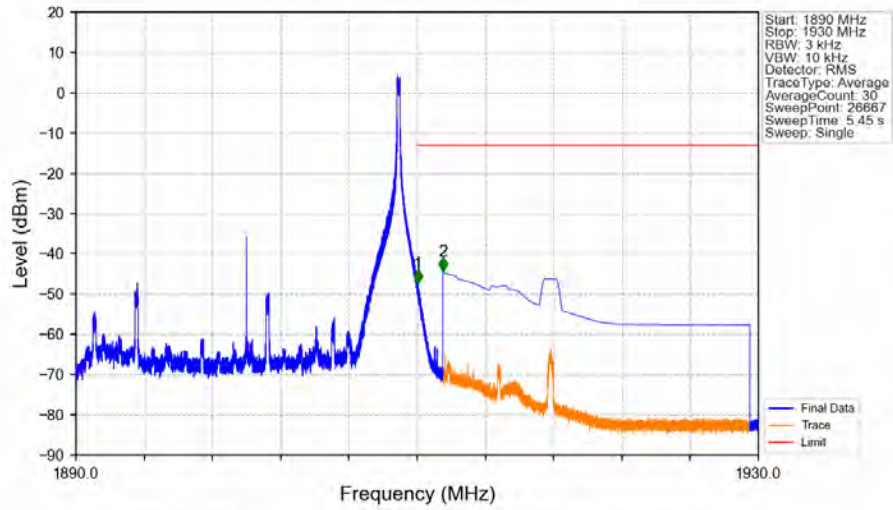
Band2 20MHz 64QAM HCH 1900MHz RB 1 0 NTNV



Band2 20MHz 64QAM HCH 1900MHz RB 1 0 NTNV

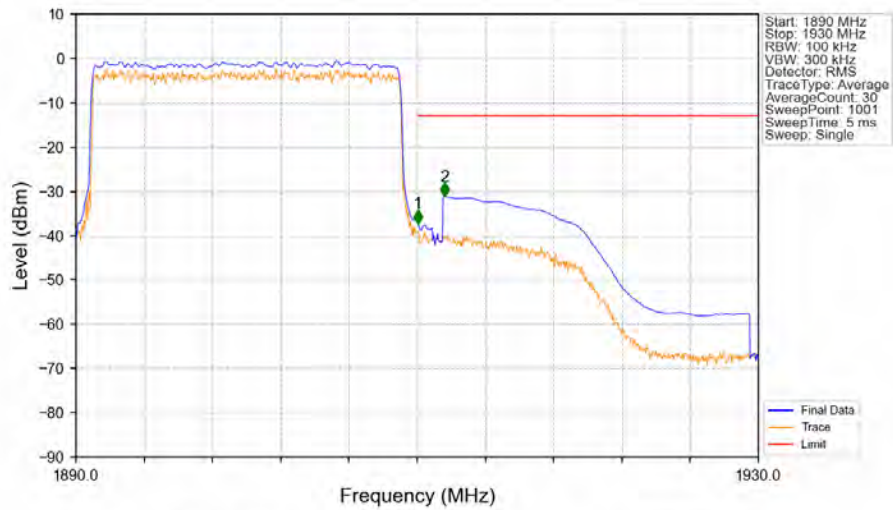


Band2_20MHz_64QAM_HCH_1900MHz_RB_1_99_NTNV



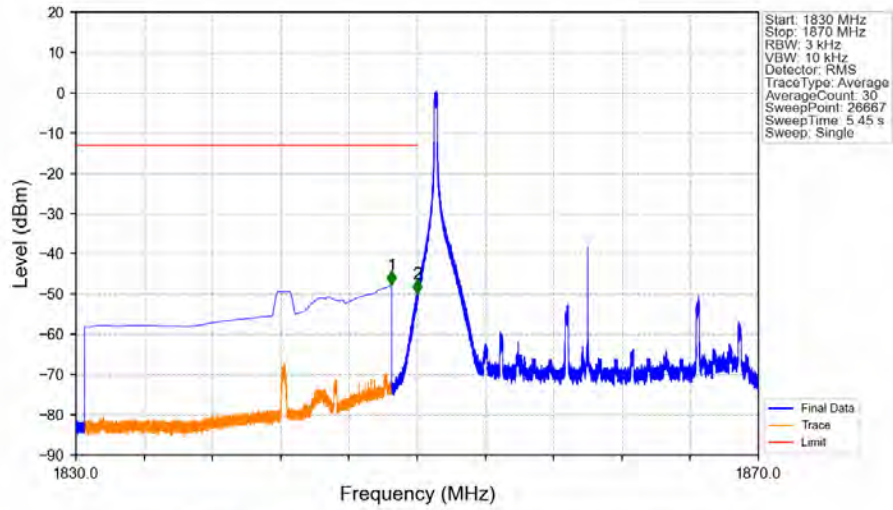
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.024	-47.25	-13	Pass
1911	1930	1	CHP	2	1911.500	-44.31	-13	Pass

Band2_20MHz_64QAM_HCH_1900MHz_RB_100_0_NTNV



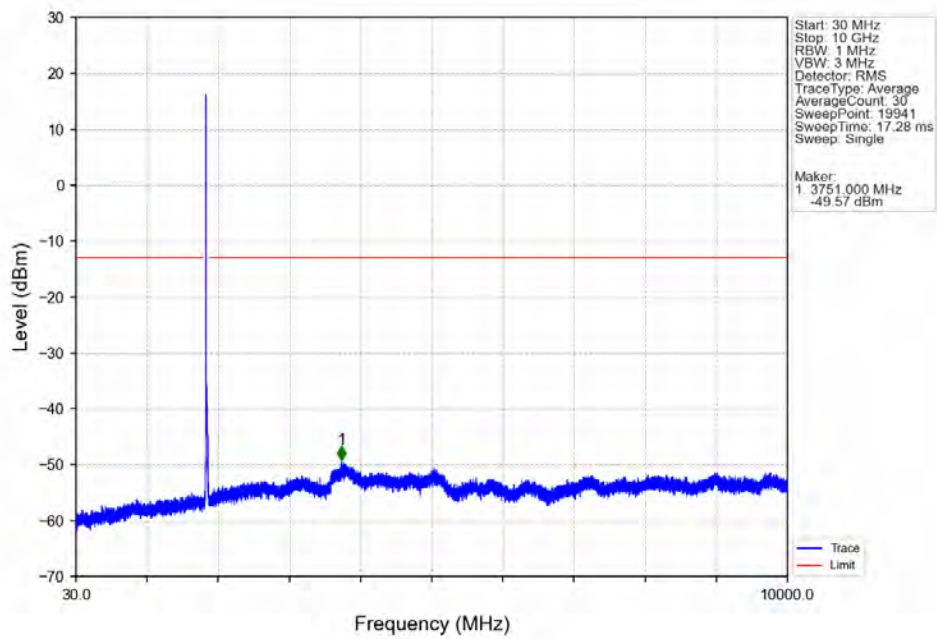
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.197	CHP	/	/	/	/	/
1910	1911	0.197	CHP	1	1910.040	-37.21	-13	Pass
1911	1930	1	CHP	2	1911.600	-31.15	-13	Pass

Band2 20MHz 256QAM LCH 1860MHz RB 1 0 NTNV

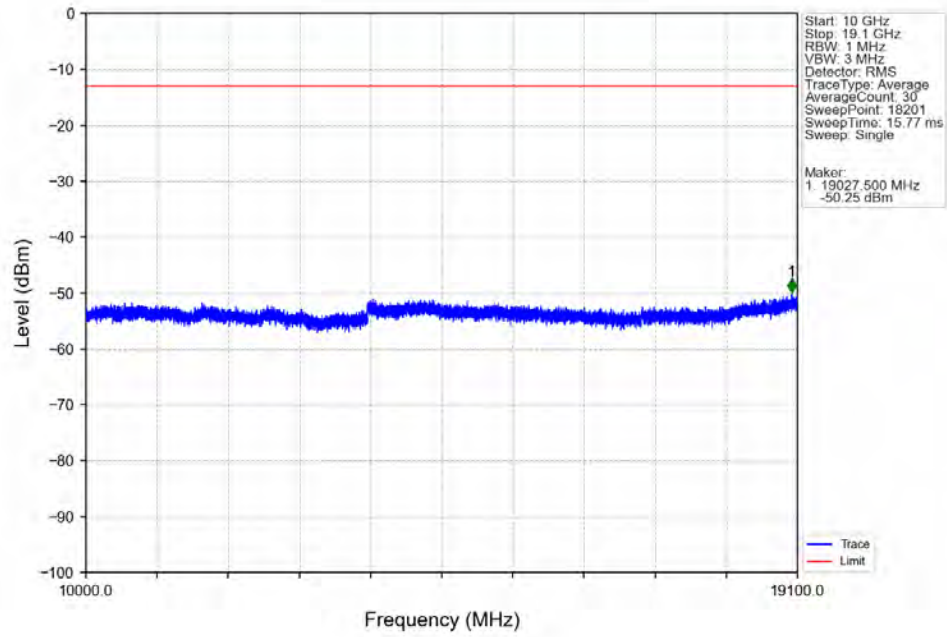


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.498	-47.65	-13	Pass
1849	1850	0.003	/	2	1849.998	-49.92	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

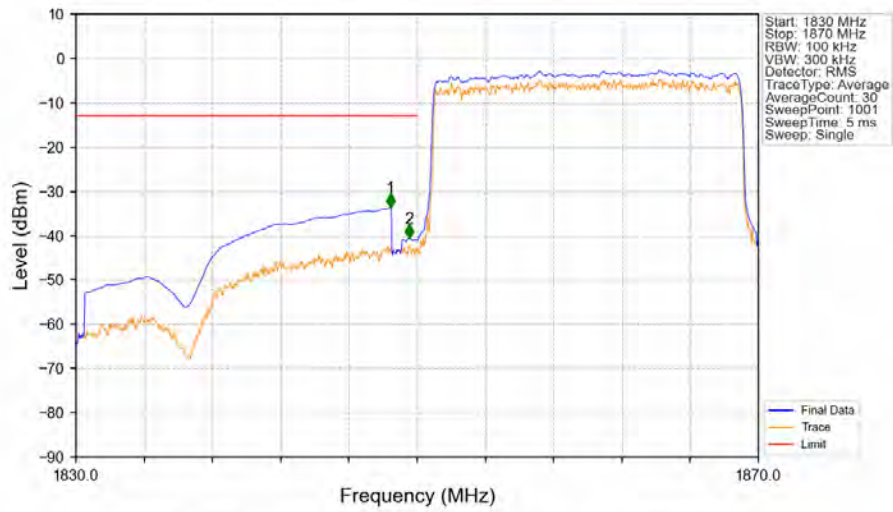
Band2 20MHz 256QAM LCH 1860MHz RB 1 0 NTNV



Band2 20MHz 256QAM LCH 1860MHz RB 1 0 NTNV

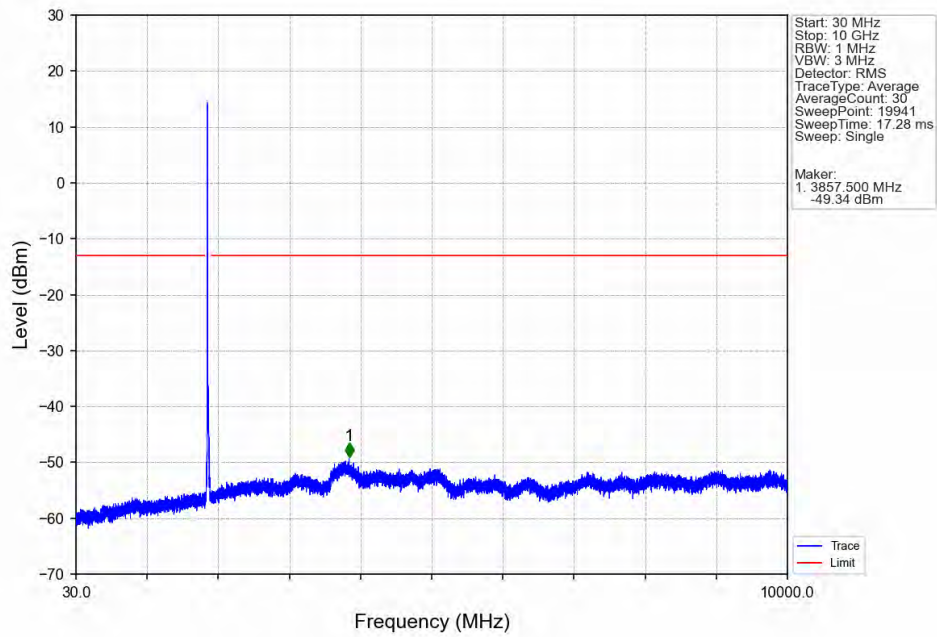


Band2 20MHz 256QAM LCH 1860MHz RB 100 0 NTNV

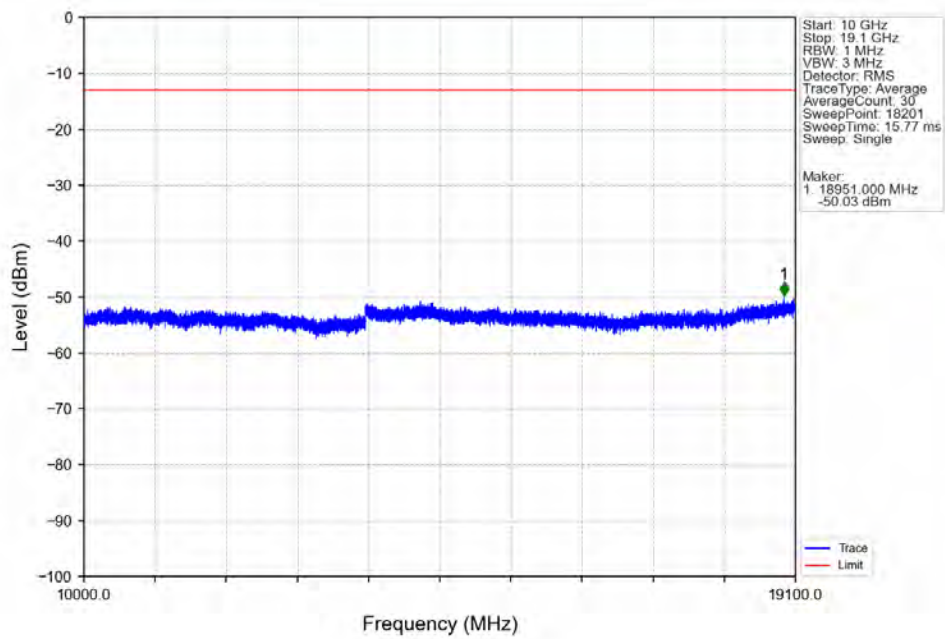


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.440	-33.70	-13	Pass
1849	1850	0.197	CHP	2	1849.520	-40.52	-13	Pass
1850	1870	0.197	CHP	/	/	/	/	/

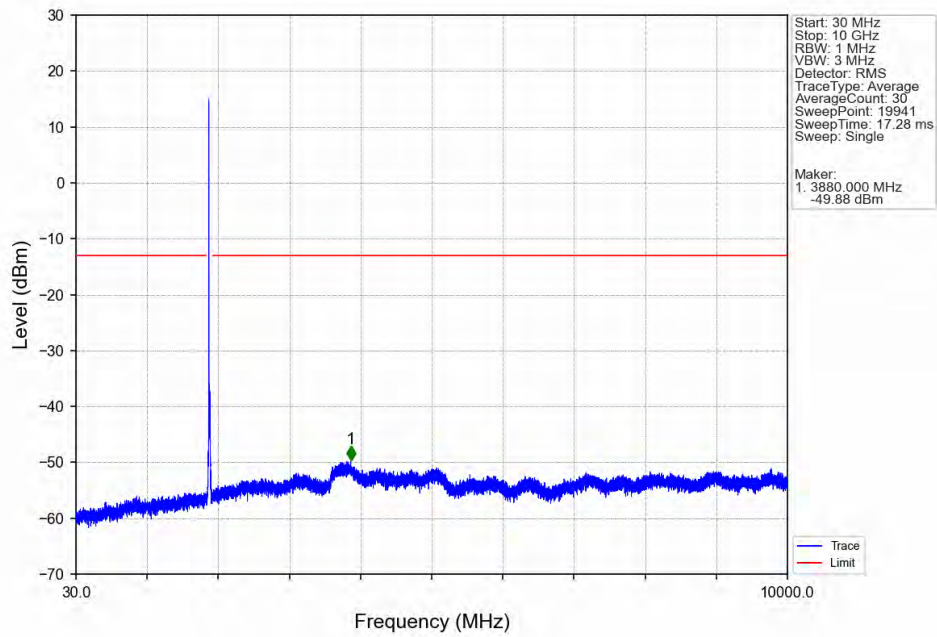
Band2_20MHz_256QAM_MCH_1880MHz_RB_1_0_NTNV



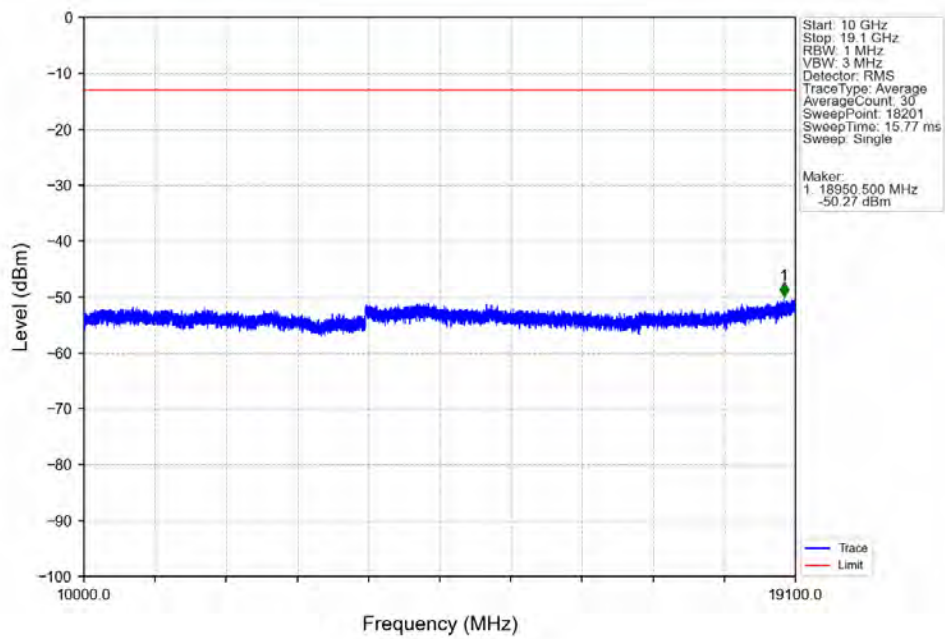
Band2_20MHz_256QAM_MCH_1880MHz_RB_1_0_NTNV



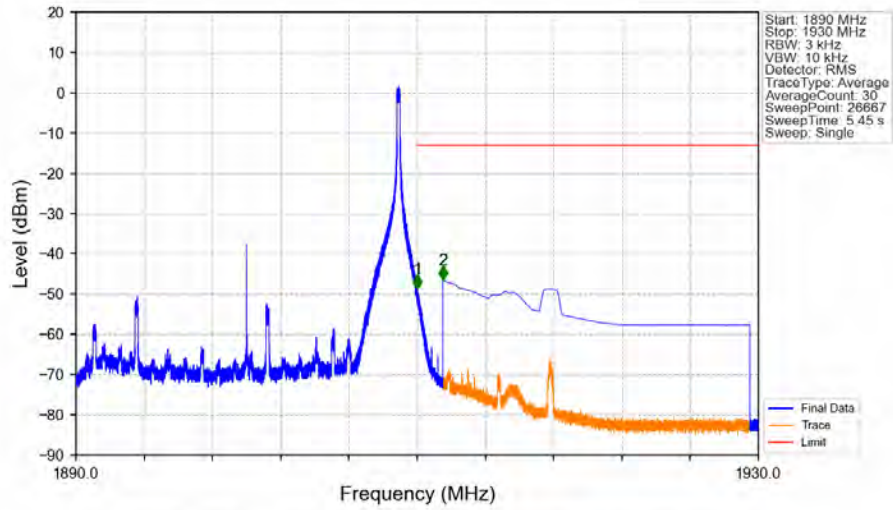
Band2 20MHz 256QAM HCH 1900MHz RB 1 0 NTNV



Band2 20MHz 256QAM HCH 1900MHz RB 1 0 NTNV

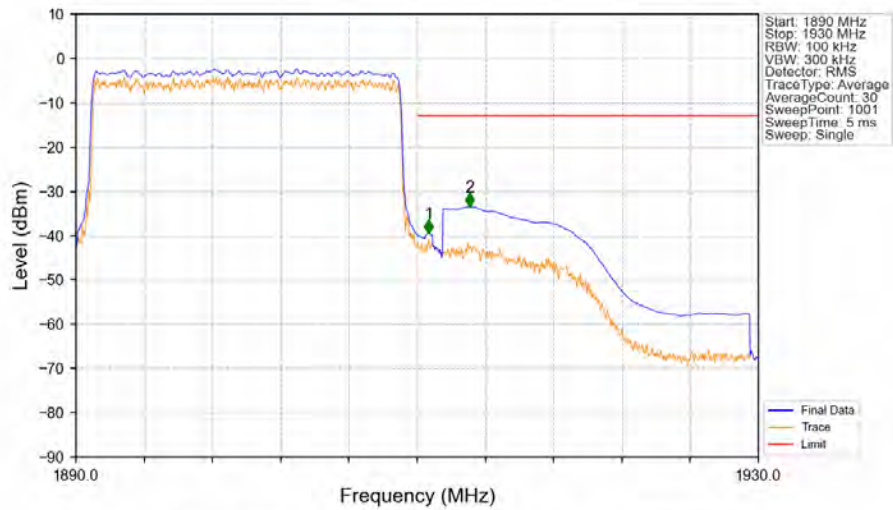


Band2 20MHz 256QAM HCH 1900MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.003	-48.60	-13	Pass
1911	1930	1	CHP	2	1911.500	-46.40	-13	Pass

Band2 20MHz 256QAM HCH 1900MHz RB 100 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.197	CHP	/	/	/	/	/
1910	1911	0.197	CHP	1	1910.680	-39.50	-13	Pass
1911	1930	1	CHP	2	1913.080	-33.51	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 2 ANT5-Low channel								
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	-66.32	-13	-53.32	-71.18	3.58	8.44	Horizontal	Pass
5553.0	-61.99	-13	-48.99	-67.7	4.74	10.45	Horizontal	Pass
7404.0	-59.99	-13	-46.99	-66.67	4.94	11.62	Horizontal	Pass
3702.0	-66.23	-13	-53.23	-71.09	3.58	8.44	Vertical	Pass
5553.0	-62.29	-13	-49.29	-68.0	4.74	10.45	Vertical	Pass
7404.0	-60.13	-13	-47.13	-66.81	4.94	11.62	Vertical	Pass

LTE Band 2 ANT5-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3742.0	-66.2	-13	-53.2	-71.08	3.61	8.49	Horizontal	Pass
5613.0	-61.74	-13	-48.74	-67.45	4.74	10.45	Horizontal	Pass
7484.0	-60.07	-13	-47.07	-66.85	4.94	11.72	Horizontal	Pass
3742.0	-66.19	-13	-53.19	-71.07	3.61	8.49	Vertical	Pass
5613.0	-61.84	-13	-48.84	-67.55	4.74	10.45	Vertical	Pass
7484.0	-60.17	-13	-47.17	-66.95	4.94	11.72	Vertical	Pass

LTE Band 2 ANT5-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3782.0	-66.11	-13	-53.11	-71.01	3.65	8.55	Horizontal	Pass
5673.0	-63.01	-13	-50.01	-68.71	4.75	10.45	Horizontal	Pass
7564.0	-60.48	-13	-47.48	-67.35	4.95	11.82	Horizontal	Pass
3782.0	-66.25	-13	-53.25	-71.15	3.65	8.55	Vertical	Pass
5673.0	-61.91	-13	-48.91	-67.61	4.75	10.45	Vertical	Pass
7564.0	-60.33	-13	-47.33	-67.2	4.95	11.82	Vertical	Pass

CA_2A_4A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3422.0	-65.78	-13	-52.78	-70.4	3.36	7.98	Horizontal	Pass
5133.0	-62.93	-13	-49.93	-68.54	4.61	10.22	Horizontal	Pass
6844.0	-60.88	-13	-47.88	-66.91	4.9	10.93	Horizontal	Pass
3422.0	-65.6	-13	-52.6	-70.22	3.36	7.98	Vertical	Pass
5133.0	-62.78	-13	-49.78	-68.39	4.61	10.22	Vertical	Pass
6844.0	-60.87	-13	-47.87	-66.9	4.9	10.93	Vertical	Pass

CA_2A_4A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3447.0	-66.53	-13	-53.53	-71.2	3.37	8.04	Horizontal	Pass
5170.5	-62.77	-13	-49.77	-68.4	4.62	10.25	Horizontal	Pass
6894.0	-61.02	-13	-48.02	-67.11	4.9	10.99	Horizontal	Pass
3447.0	-65.69	-13	-52.69	-70.36	3.37	8.04	Vertical	Pass
5170.5	-62.73	-13	-49.73	-68.36	4.62	10.25	Vertical	Pass
6894.0	-60.66	-13	-47.66	-66.75	4.9	10.99	Vertical	Pass

CA_2A_4A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3472.0	-67.34	-13	-54.34	-72.05	3.39	8.1	Horizontal	Pass
5208.0	-63.02	-13	-50.02	-68.65	4.64	10.27	Horizontal	Pass
6944.0	-61.09	-13	-48.09	-67.24	4.91	11.06	Horizontal	Pass
3472.0	-66.81	-13	-53.81	-71.52	3.39	8.1	Vertical	Pass
5208.0	-63.07	-13	-50.07	-68.7	4.64	10.27	Vertical	Pass
6944.0	-61.27	-13	-48.27	-67.42	4.91	11.06	Vertical	Pass

CA_2A_7A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5002.0	-62.86	-25	-37.86	-68.43	4.57	10.14	Horizontal	Pass
7503.0	-59.76	-25	-34.76	-66.56	4.94	11.74	Horizontal	Pass
10004.0	-57.35	-25	-32.35	-64.92	5.46	13.03	Horizontal	Pass
5002.0	-62.67	-25	-37.67	-68.24	4.57	10.14	Vertical	Pass
7503.0	-60.69	-25	-35.69	-67.49	4.94	11.74	Vertical	Pass
10004.0	-57.47	-25	-32.47	-65.04	5.46	13.03	Vertical	Pass

CA_2A_7A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5052.0	-62.44	-25	-37.44	-68.02	4.59	10.17	Horizontal	Pass
7578.0	-58.91	-25	-33.91	-65.79	4.95	11.83	Horizontal	Pass
10104.0	-56.57	-25	-31.57	-64.14	5.48	13.05	Horizontal	Pass
5052.0	-62.6	-25	-37.6	-68.18	4.59	10.17	Vertical	Pass
7578.0	-57.37	-25	-32.37	-64.25	4.95	11.83	Vertical	Pass
10104.0	-56.78	-25	-31.78	-64.35	5.48	13.05	Vertical	Pass

CA_2A_7A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5102.0	-63.31	-25	-38.31	-68.91	4.6	10.2	Horizontal	Pass
7653.0	-60.19	-25	-35.19	-67.16	4.95	11.92	Horizontal	Pass
10204.0	-57.24	-25	-32.24	-64.82	5.49	13.07	Horizontal	Pass
5102.0	-63.77	-25	-38.77	-69.37	4.6	10.2	Vertical	Pass
7653.0	-60.0	-25	-35.0	-66.97	4.95	11.92	Vertical	Pass
10204.0	-57.5	-25	-32.5	-65.08	5.49	13.07	Vertical	Pass

CA_2A_66A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3422.0	-66.46	-13	-53.46	-71.08	3.36	7.98	Horizontal	Pass
5133.0	-63.34	-13	-50.34	-68.95	4.61	10.22	Horizontal	Pass
6844.0	-61.23	-13	-48.23	-67.26	4.9	10.93	Horizontal	Pass
3422.0	-67.17	-13	-54.17	-71.79	3.36	7.98	Vertical	Pass
5133.0	-63.35	-13	-50.35	-68.96	4.61	10.22	Vertical	Pass
6844.0	-61.4	-13	-48.4	-67.43	4.9	10.93	Vertical	Pass

CA_2A_66A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3472.0	-66.37	-13	-53.37	-71.08	3.39	8.1	Horizontal	Pass
5208.0	-62.63	-13	-49.63	-68.26	4.64	10.27	Horizontal	Pass
6944.0	-60.82	-13	-47.82	-66.97	4.91	11.06	Horizontal	Pass
3472.0	-64.74	-13	-51.74	-69.45	3.39	8.1	Vertical	Pass
5208.0	-62.94	-13	-49.94	-68.57	4.64	10.27	Vertical	Pass
6944.0	-61.11	-13	-48.11	-67.26	4.91	11.06	Vertical	Pass

CA_2A_66A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3522.0	-66.82	-13	-53.82	-71.6	3.42	8.2	Horizontal	Pass
5283.0	-63.08	-13	-50.08	-68.74	4.66	10.32	Horizontal	Pass
7044.0	-60.76	-13	-47.76	-67.02	4.92	11.18	Horizontal	Pass
3522.0	-66.96	-13	-53.96	-71.74	3.42	8.2	Vertical	Pass
5283.0	-63.11	-13	-50.11	-68.77	4.66	10.32	Vertical	Pass
7044.0	-60.51	-13	-47.51	-66.77	4.92	11.18	Vertical	Pass