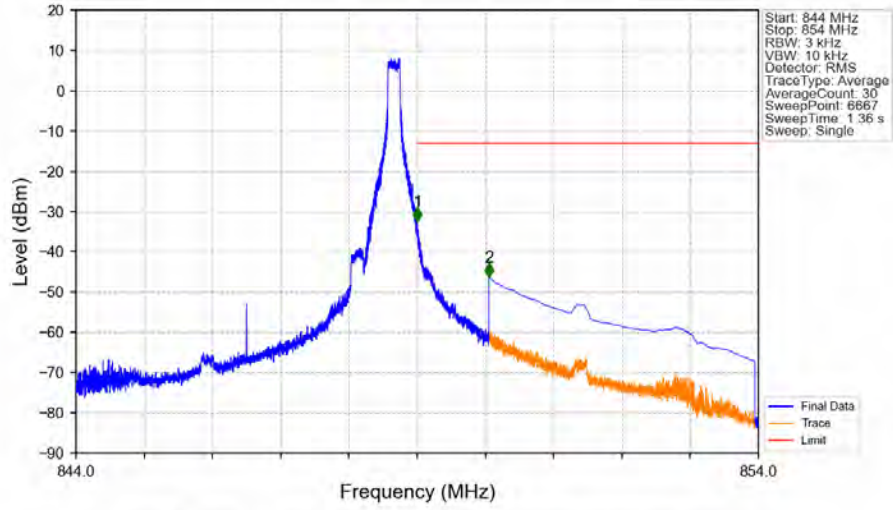
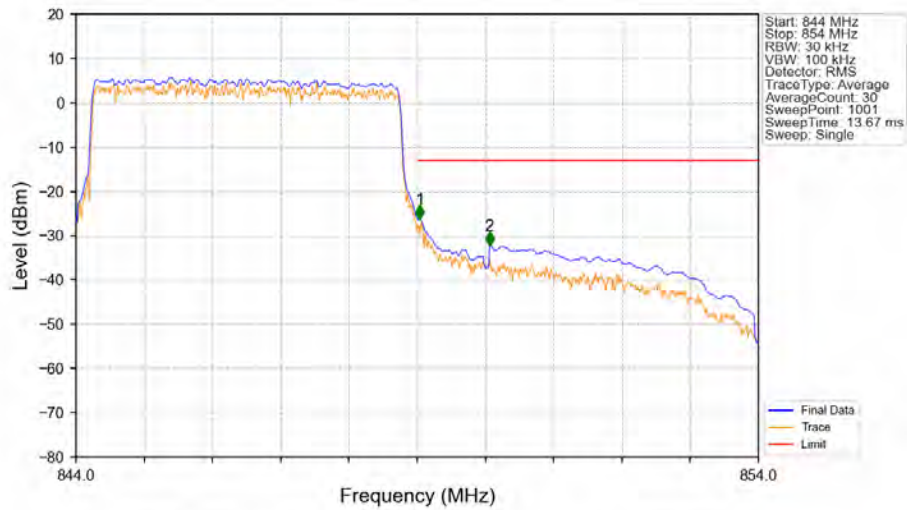


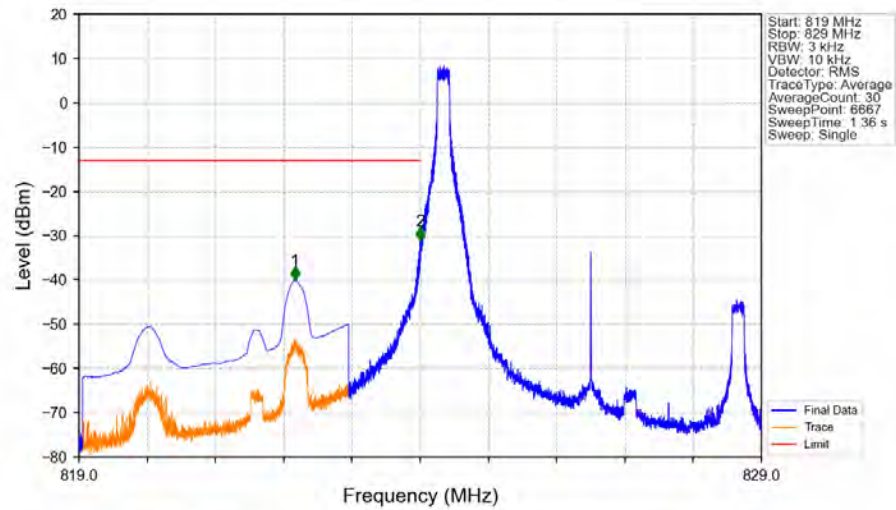
Band5 5MHz QPSK HCH 846.5MHz RB 1 24 NTN



Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0 NTN

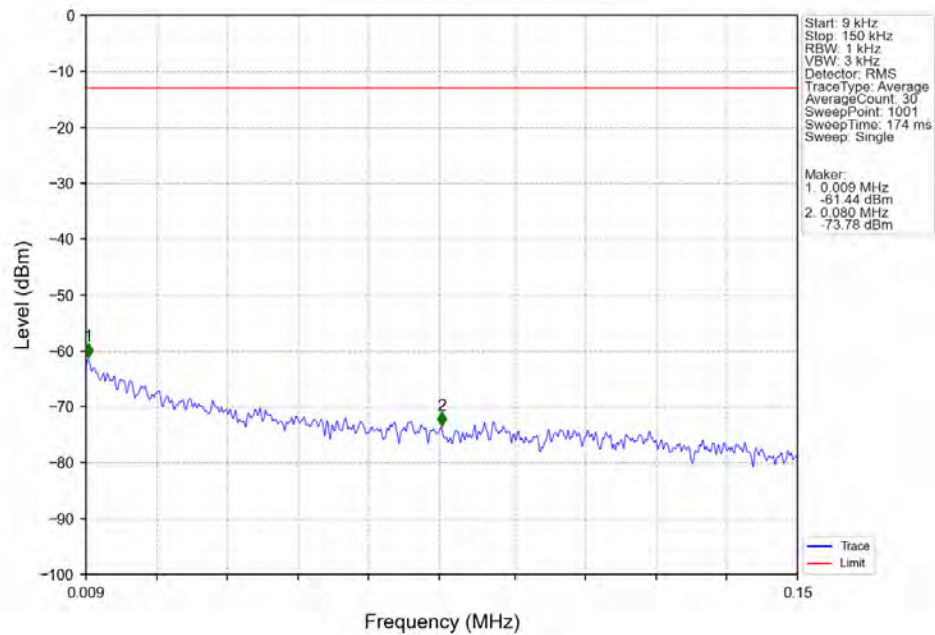


Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

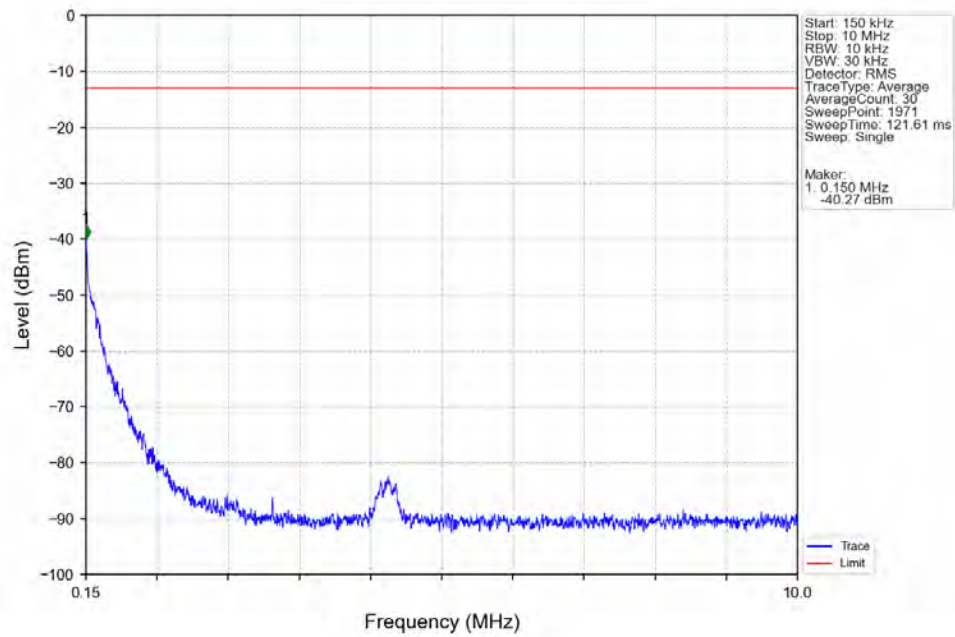


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.164	-40.10	-13	Pass
823	824	0.003	/	2	823.999	-31.09	-13	Pass
824	829	0.003	/	/	/	/	/	/

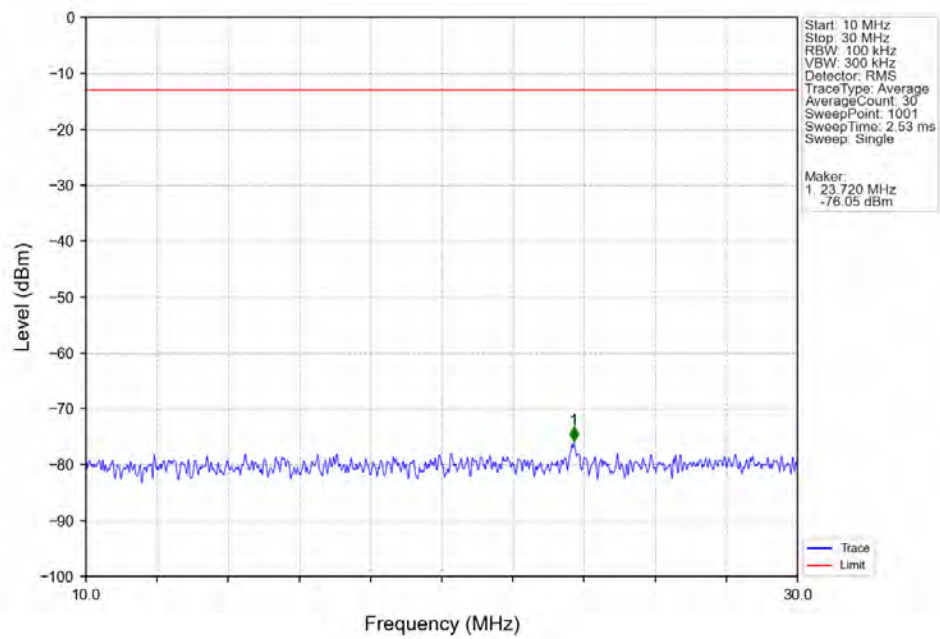
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



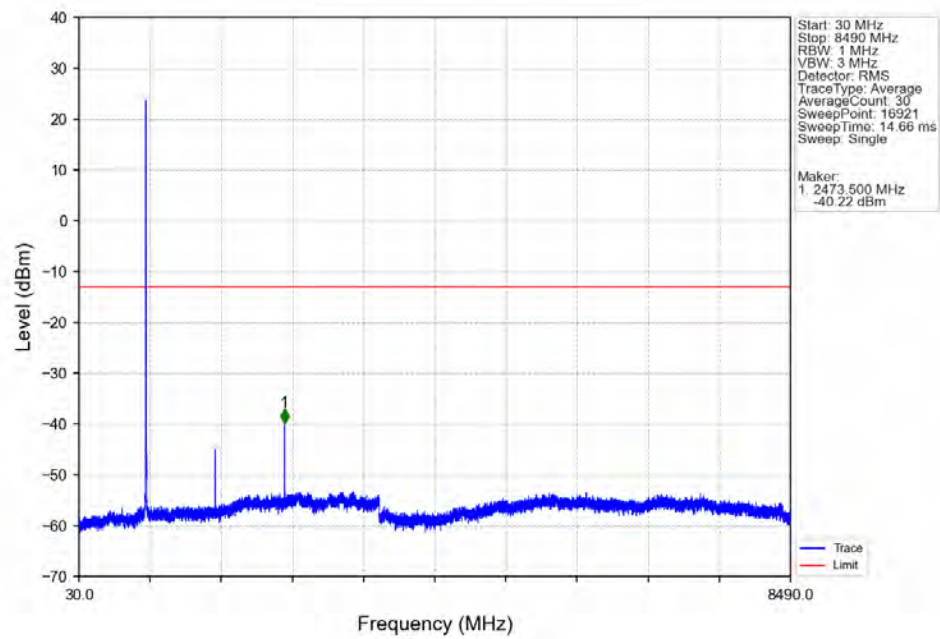
Band5 5MHz 16QAM LCH 826.5MHz RB 1 0 NTNV



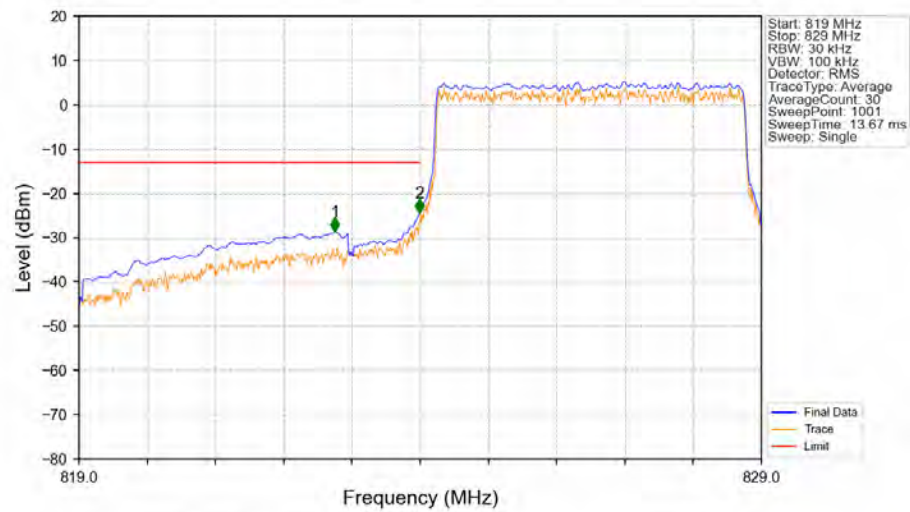
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



Band5 5MHz 16QAM LCH 826.5MHz RB 1 0 NTN

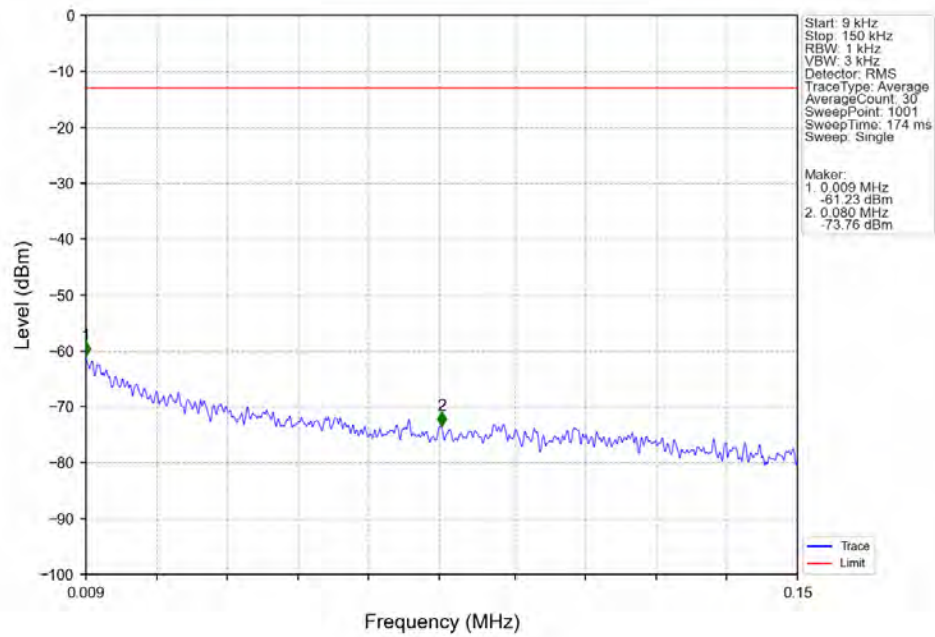


Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTN

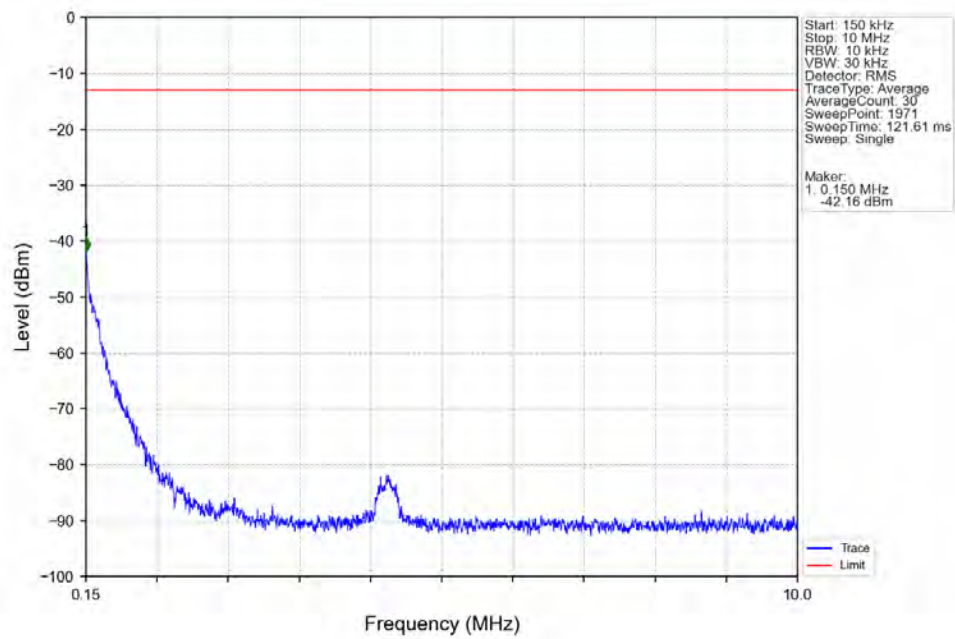


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.750	-28.64	-13	Pass
823	824	0.053	CHP	2	823.990	-24.41	-13	Pass
824	829	0.053	CHP	/	/	/	/	/

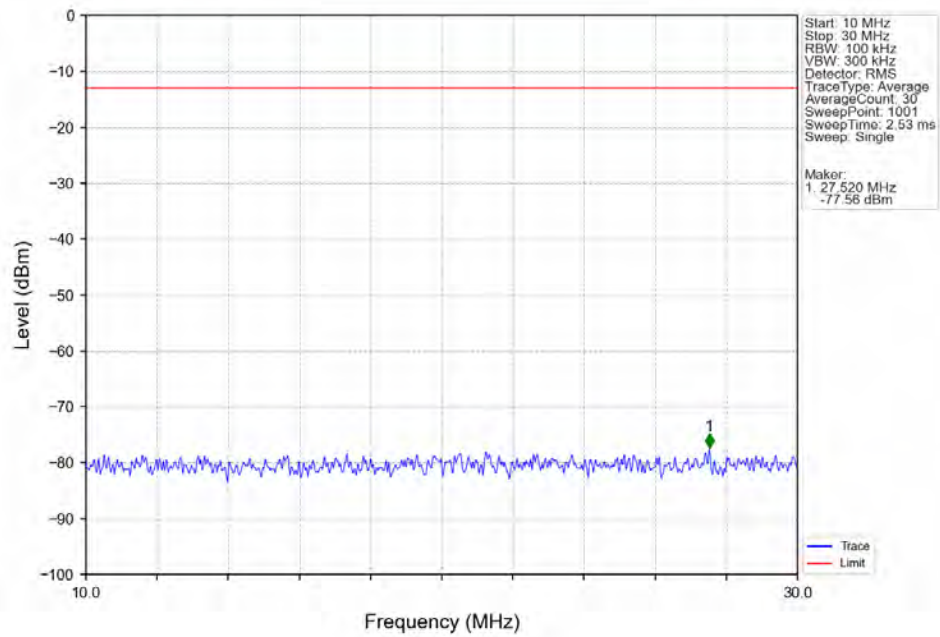
Band5 5MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



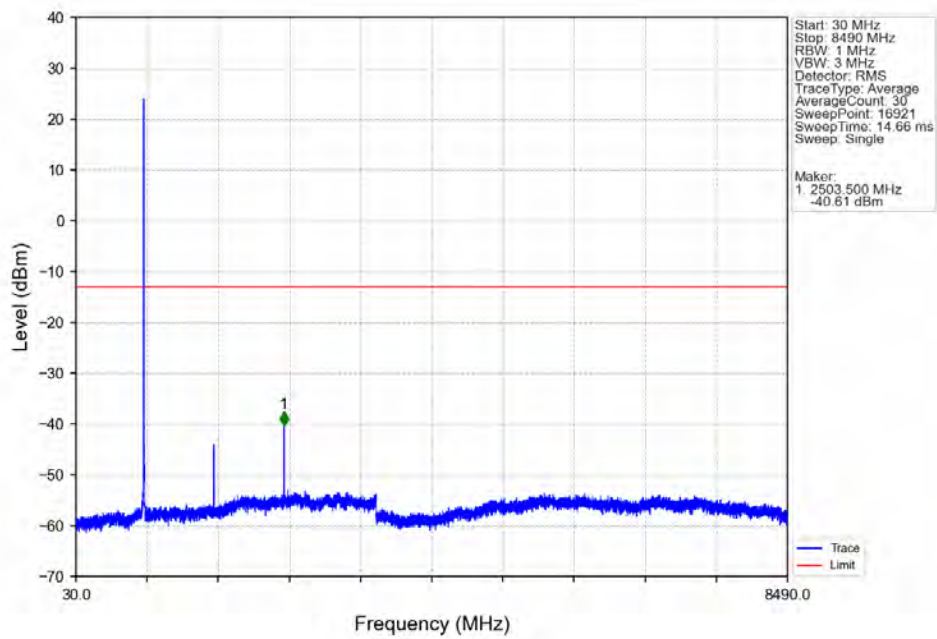
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



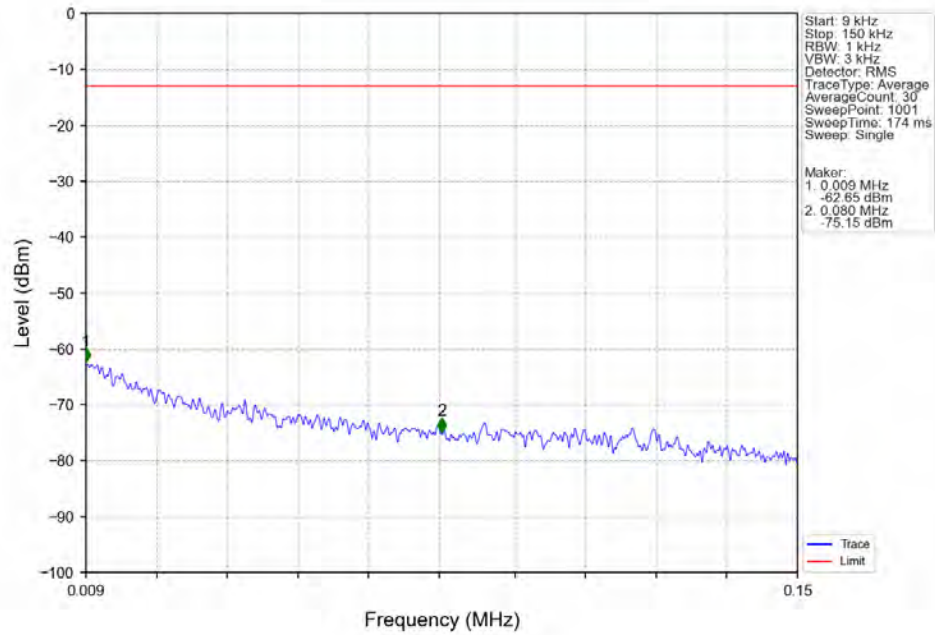
Band5 5MHz 16QAM MCH 836.5MHz RB 1 0 NTNV



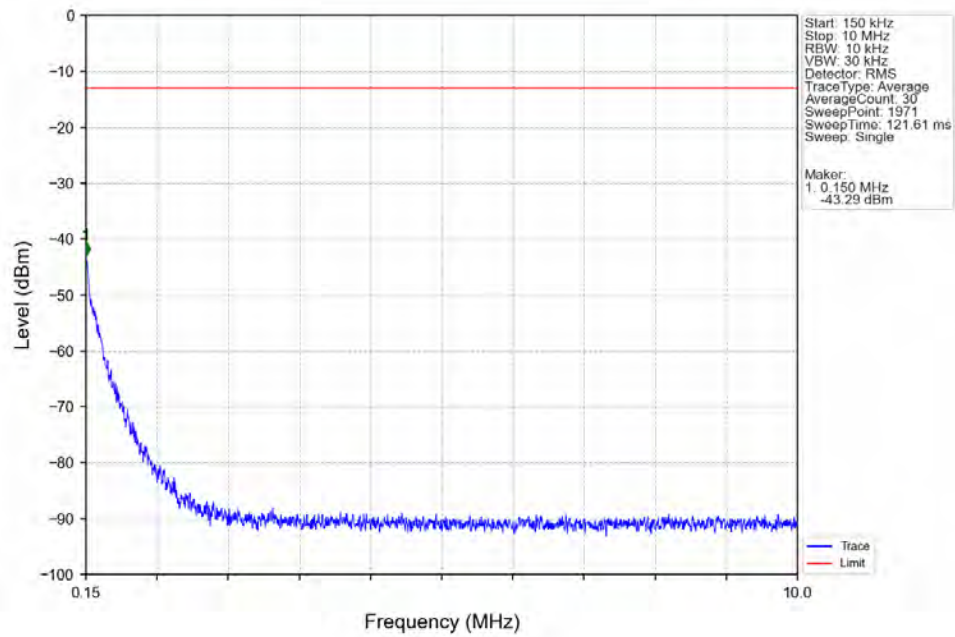
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



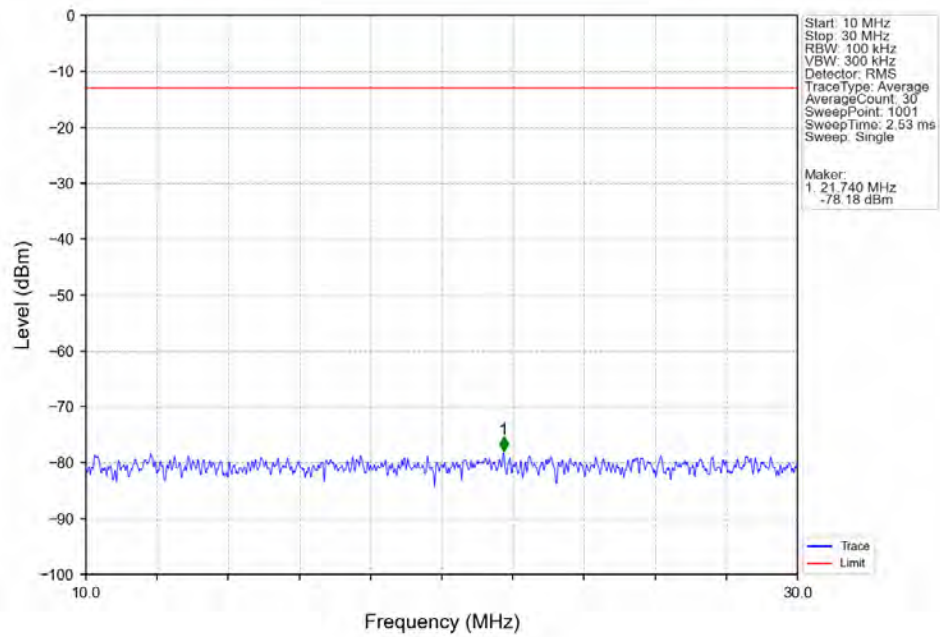
Band5 5MHz 16QAM HCH 846.5MHz RB 1 0 NTN



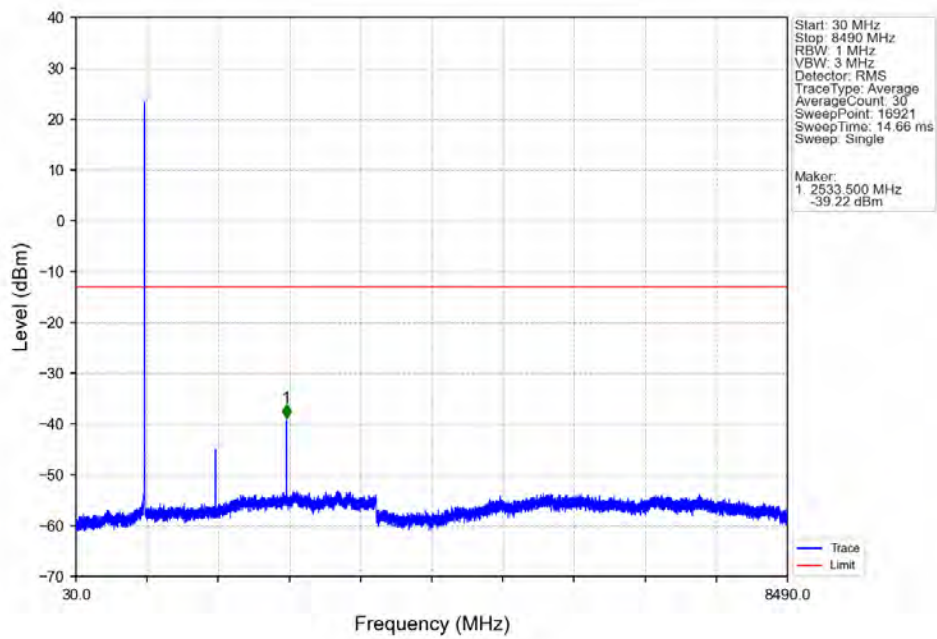
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0 NTN



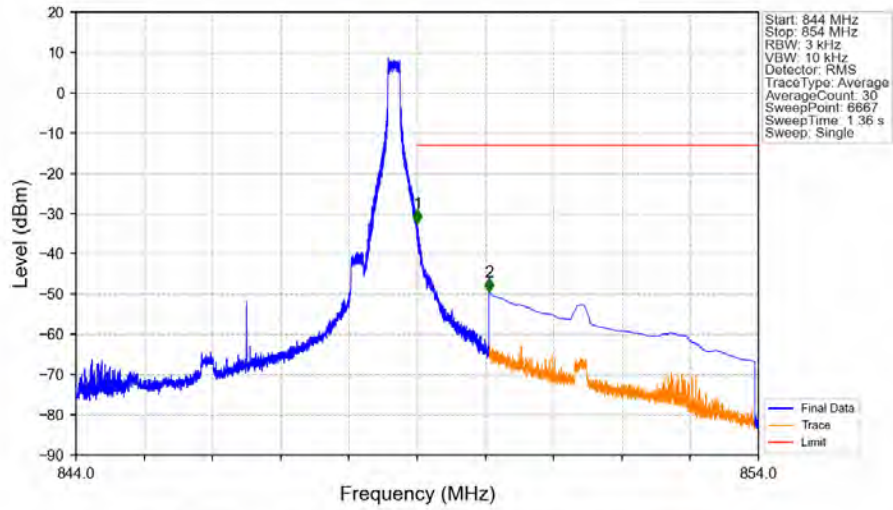
Band5 5MHz 16QAM HCH 846.5MHz RB 1 0 NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

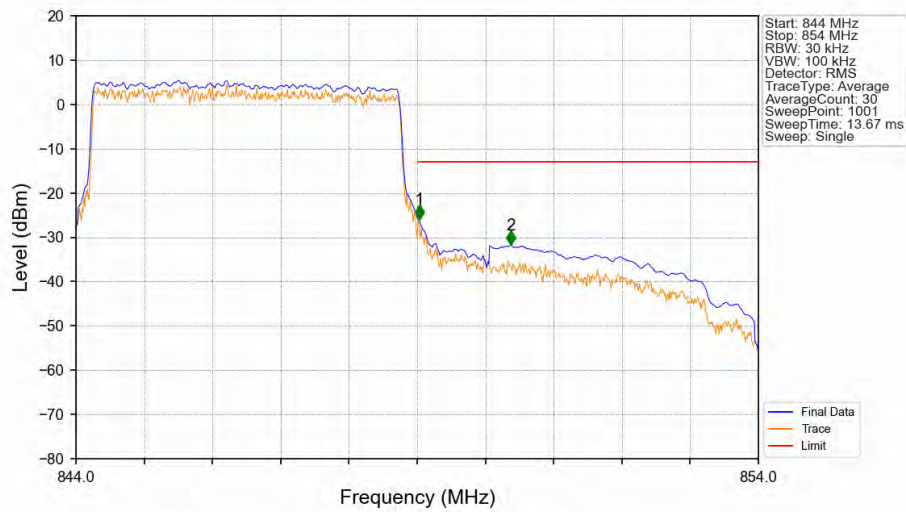


Band5 5MHz 16QAM HCH 846.5MHz RB 1 24 NTNV



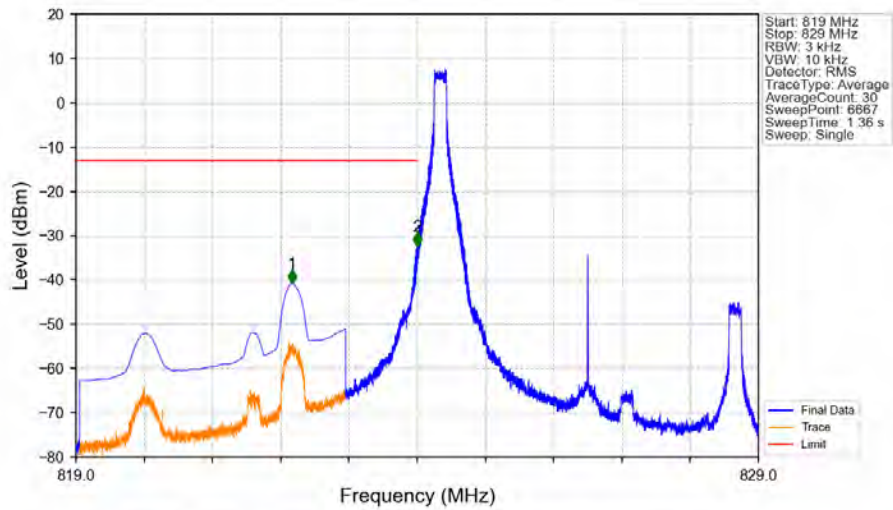
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-32.46	-13	Pass
850	854	0.1	CHP	2	850.052	-49.49	-13	Pass

Band5 5MHz 16QAM HCH 846.5MHz RB 25 0 NTNV



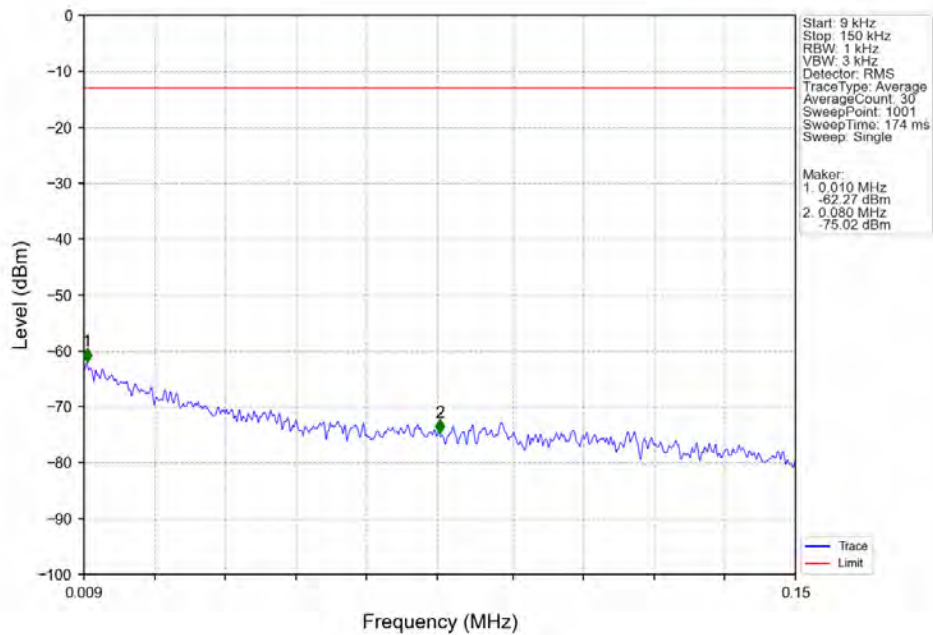
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.053	CHP	/	/	/	/	/
849	850	0.053	CHP	1	849.030	-25.90	-13	Pass
850	854	0.1	CHP	2	850.370	-31.74	-13	Pass

Band5_5MHz_64QAM_LCH_826.5MHz_RB_1_0_NTNV

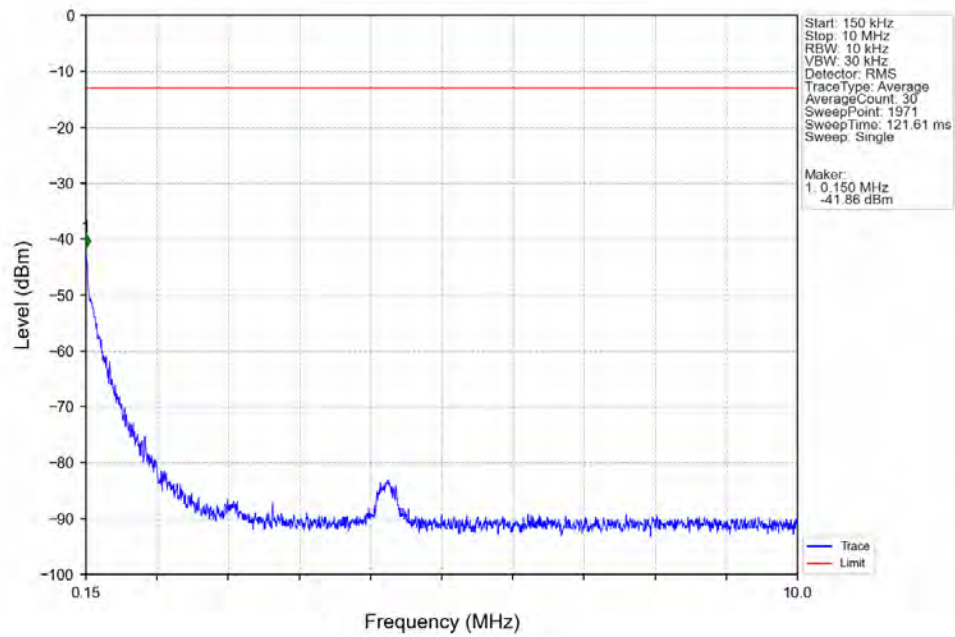


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.165	-40.76	-13	Pass
823	824	0.003	/	2	823.999	-32.39	-13	Pass
824	829	0.003	/	/	/	/	/	/

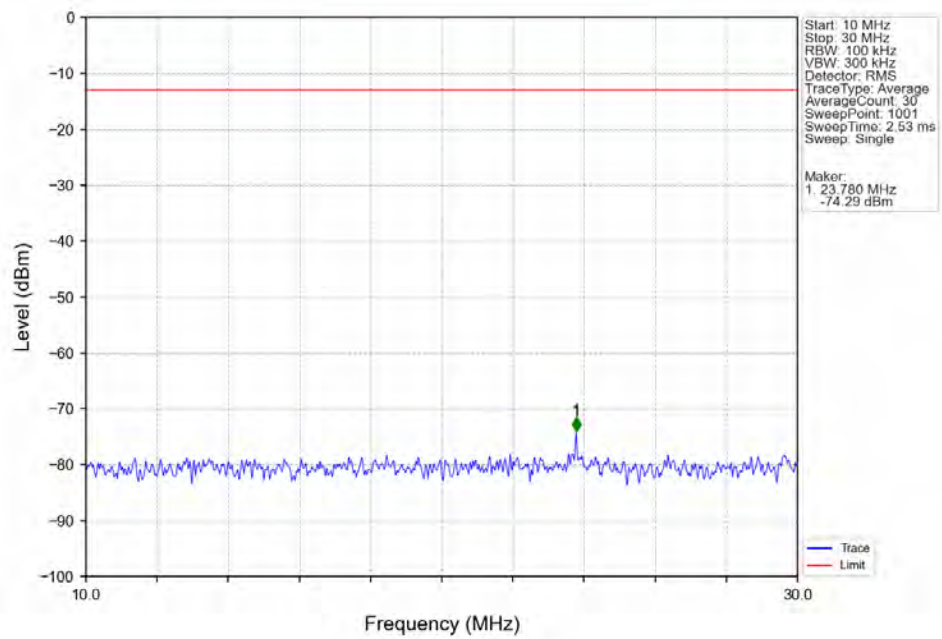
Band5_5MHz_64QAM_LCH_826.5MHz_RB_1_0_NTNV



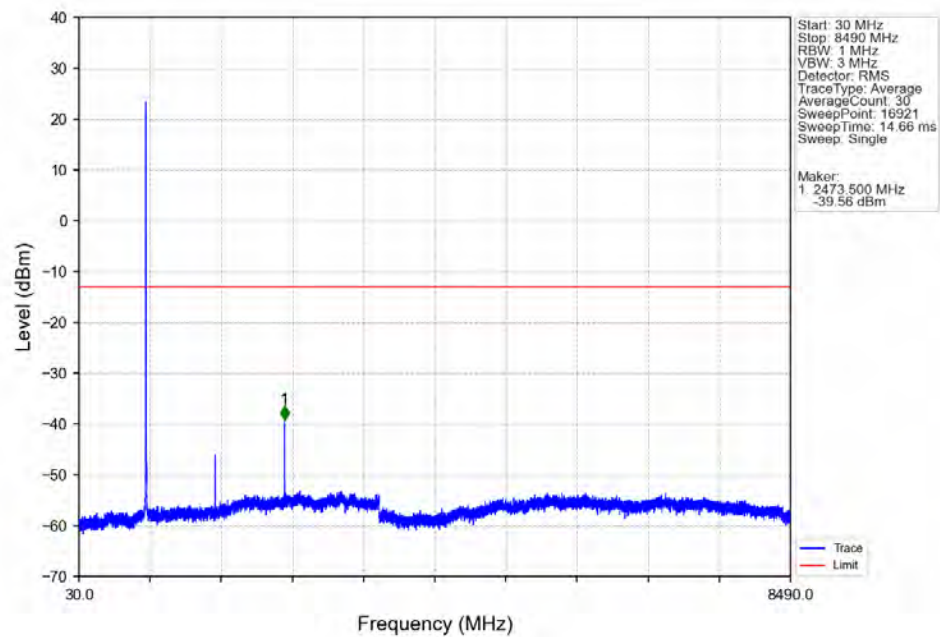
Band5_5MHz_64QAM_LCH_826.5MHz_RB_1_0_NTNV



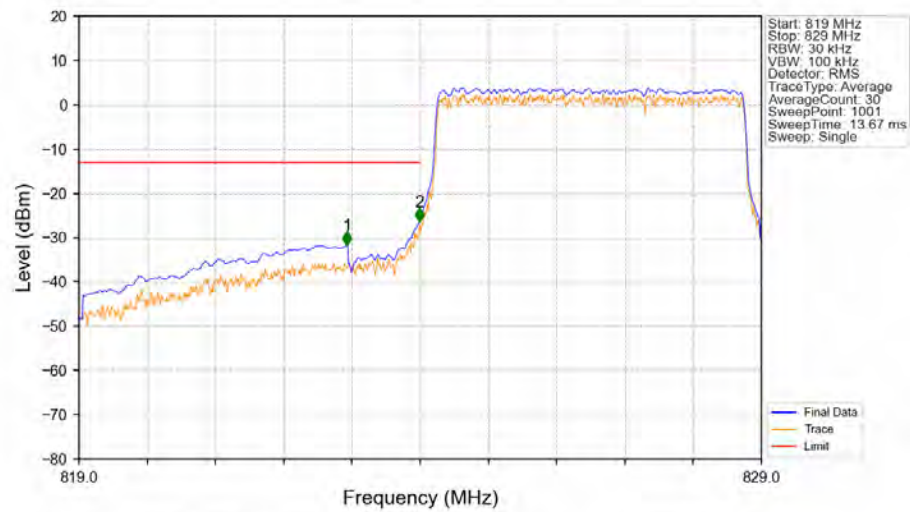
Band5_5MHz_64QAM_LCH_826.5MHz_RB_1_0_NTNV



Band5 5MHz 64QAM LCH 826.5MHz RB 1 0 NTN

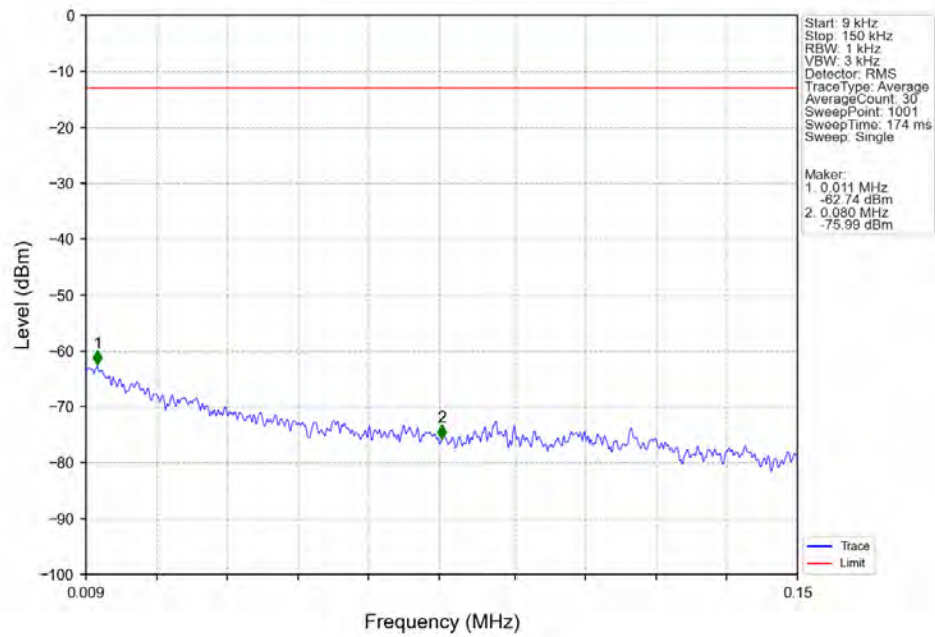


Band5 5MHz 64QAM LCH 826.5MHz RB 25 0 NTN

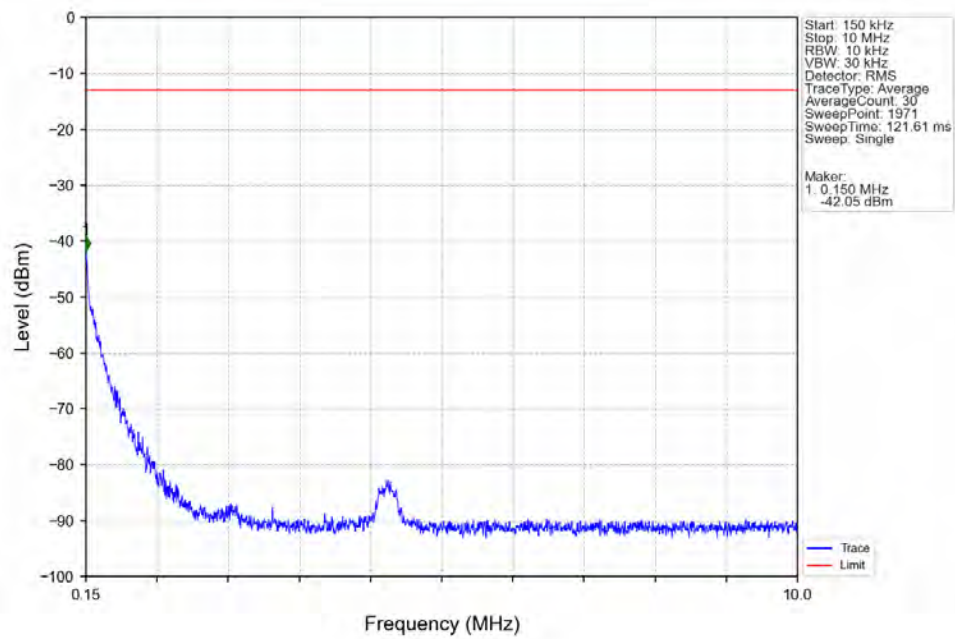


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.930	-31.73	-13	Pass
823	824	0.052	CHP	2	823.990	-26.35	-13	Pass
824	829	0.052	CHP	/	/	/	/	/

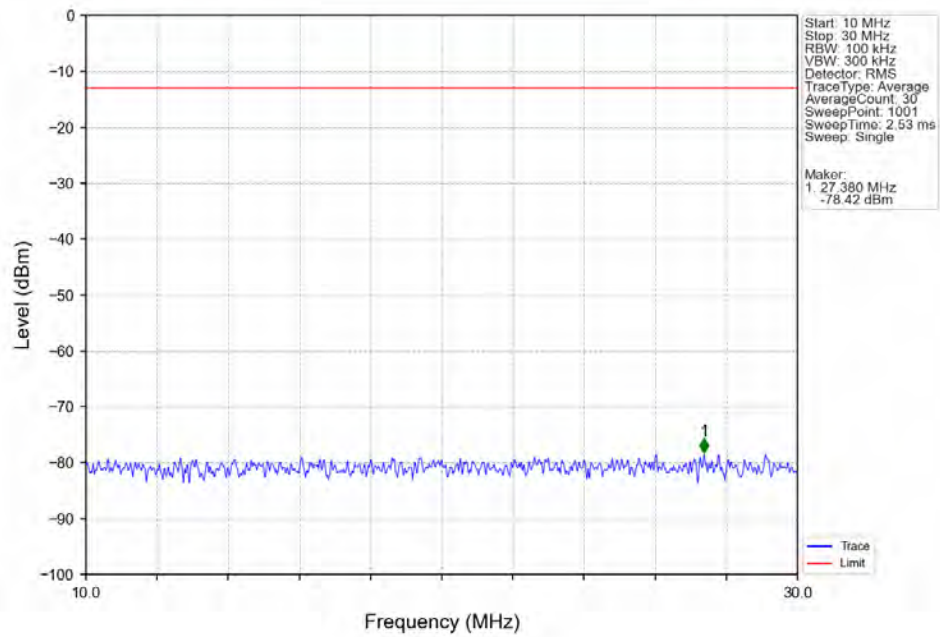
Band5 5MHz 64QAM MCH 836.5MHz RB 1 0 NTNV



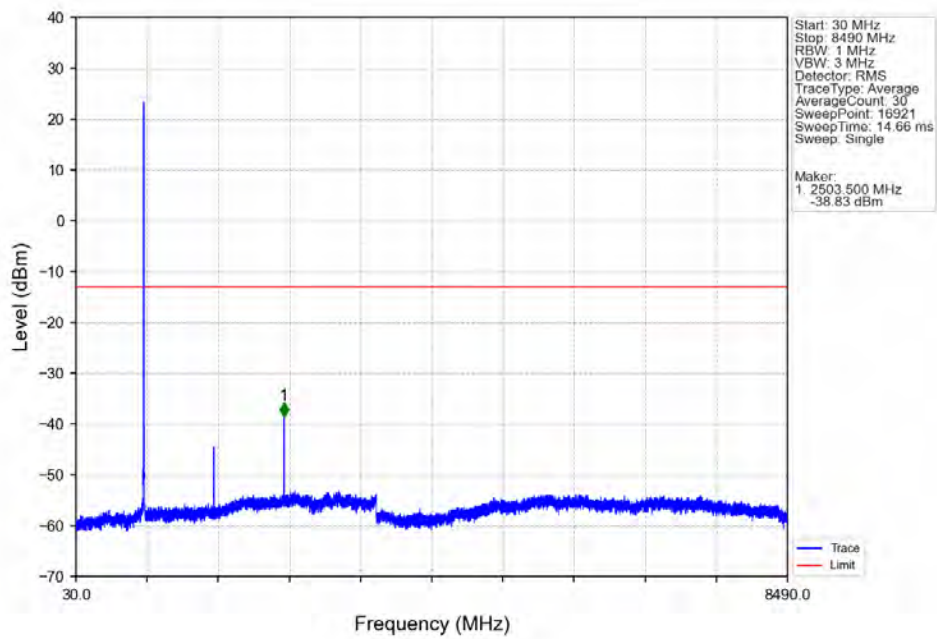
Band5_5MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



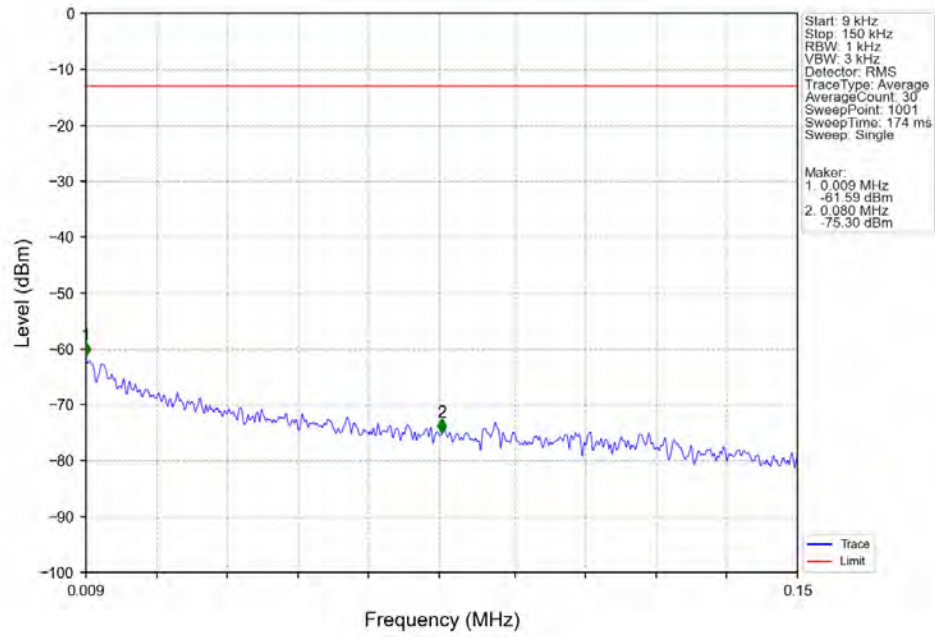
Band5 5MHz 64QAM MCH 836.5MHz RB 1 0 NTNV



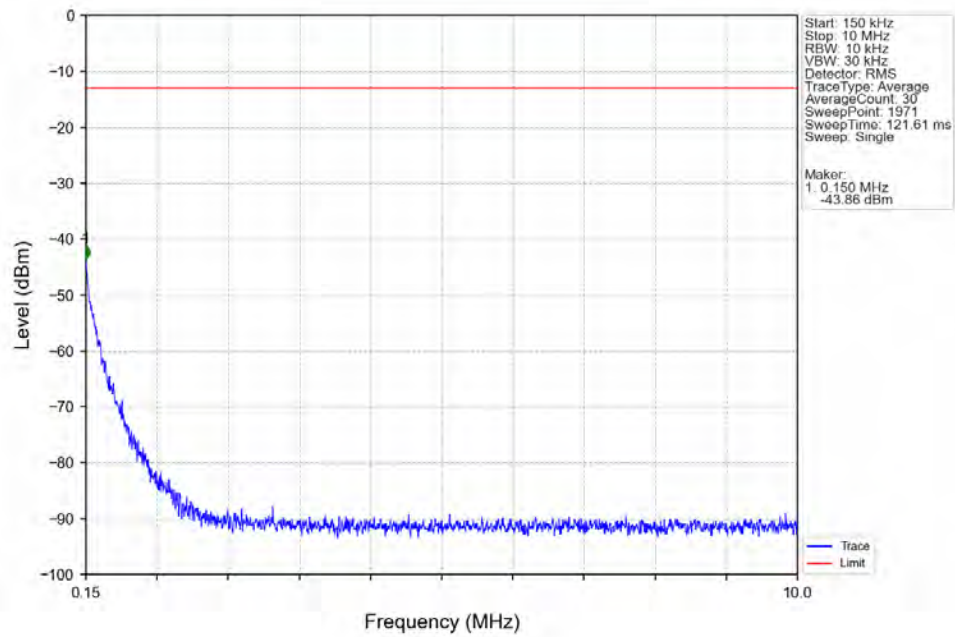
Band5_5MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



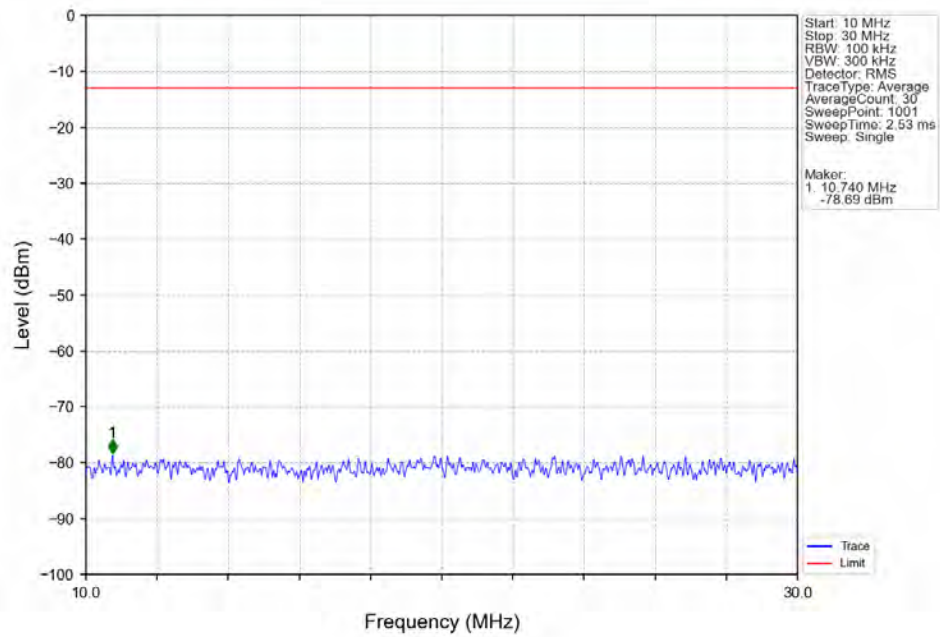
Band5 5MHz 64QAM HCH 846.5MHz RB 1 0 NTN



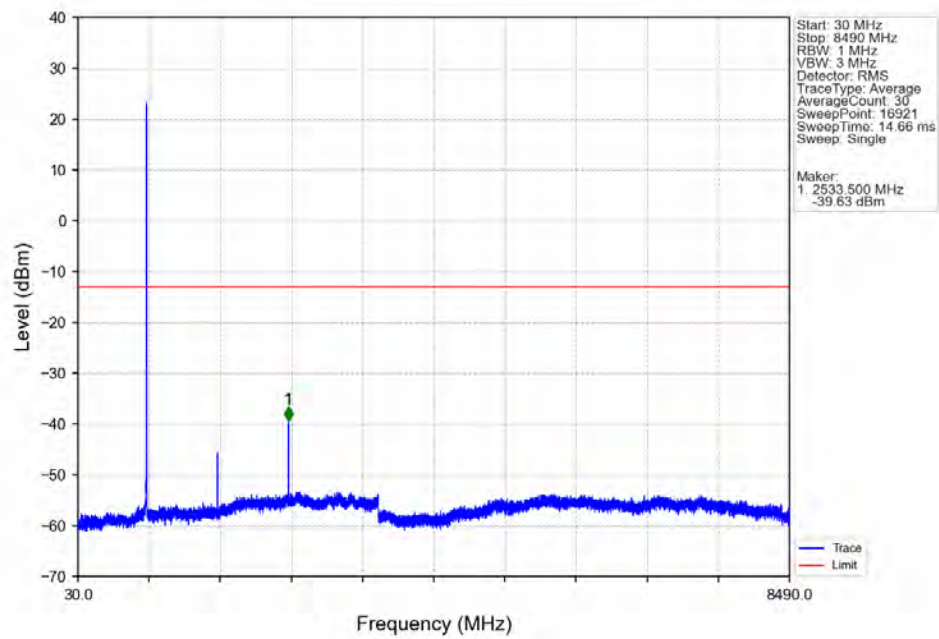
Band5_5MHz_64QAM_HCH_846.5MHz_RB_1_0_NTN



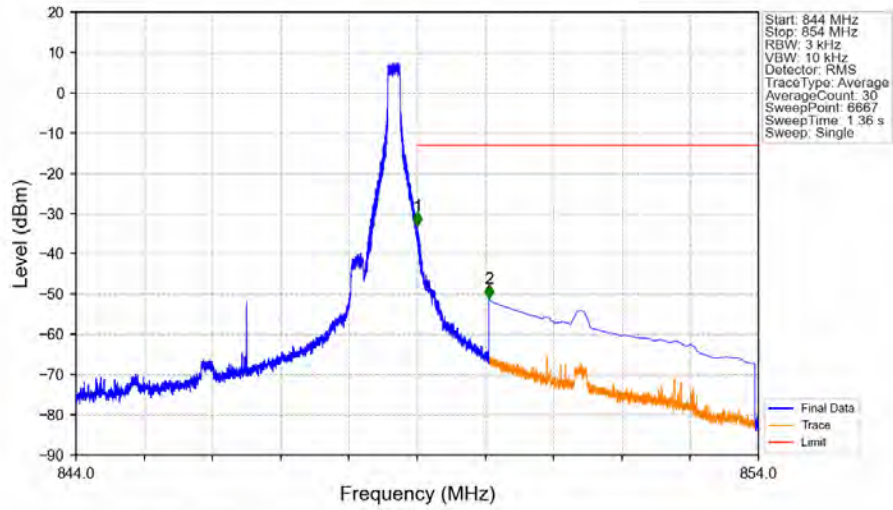
Band5 5MHz 64QAM HCH 846.5MHz RB 1 0 NTN



Band5_5MHz_64QAM_HCH_846.5MHz_RB_1_0 NTN

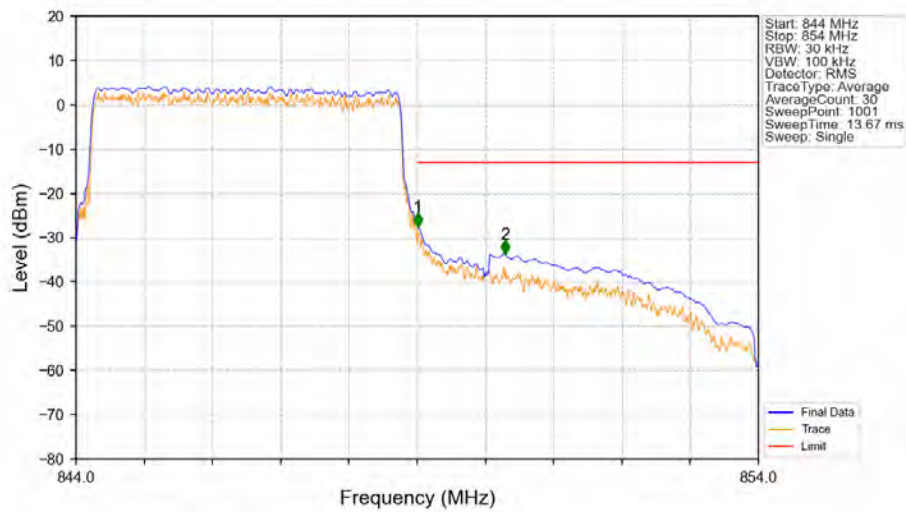


Band5 5MHz 64QAM HCH 846.5MHz RB 1 24 NTNV



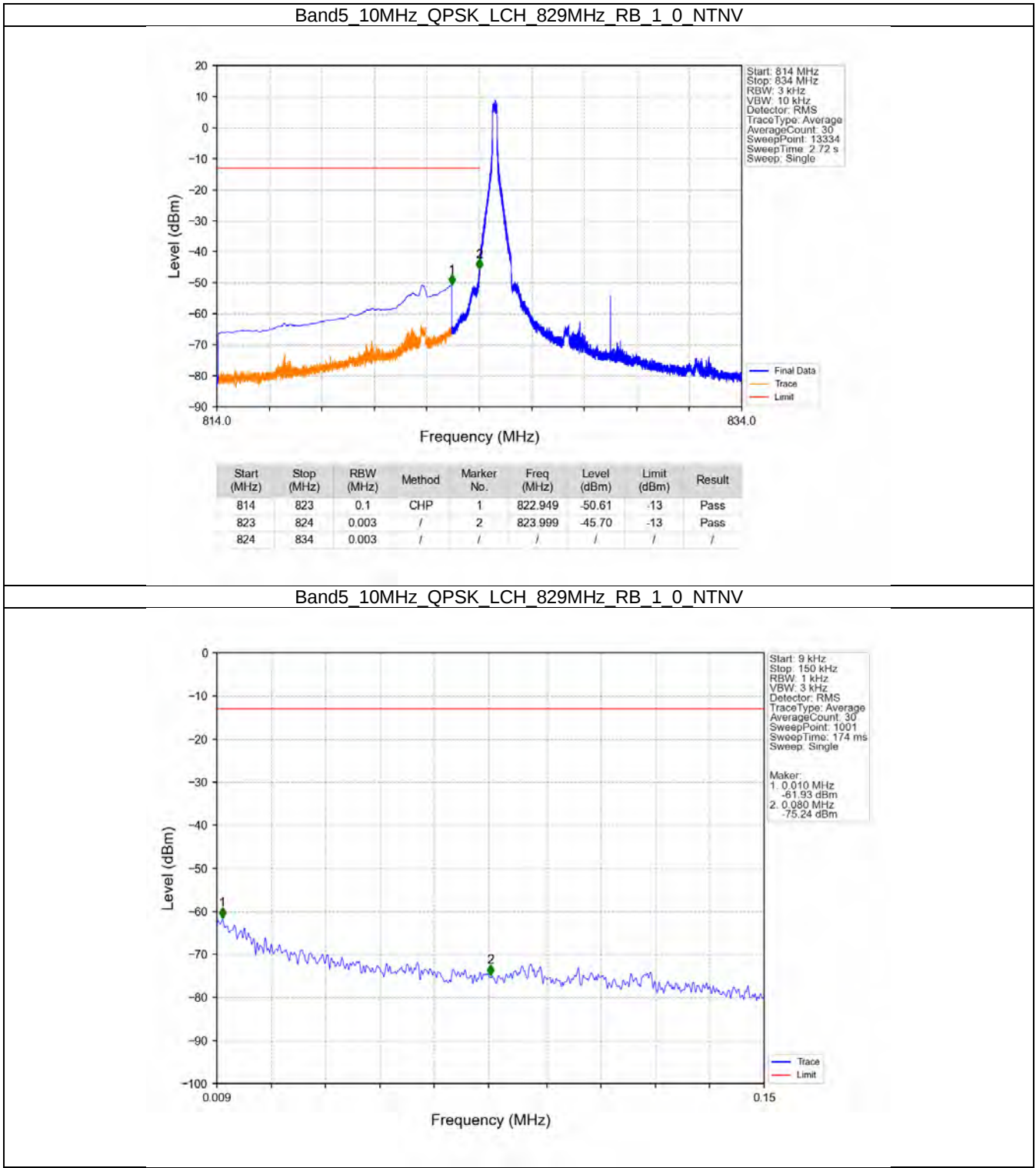
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-33.12	-13	Pass
850	854	0.1	CHP	2	850.050	-51.15	-13	Pass

Band5 5MHz 64QAM HCH 846.5MHz RB 25 0 NTNV

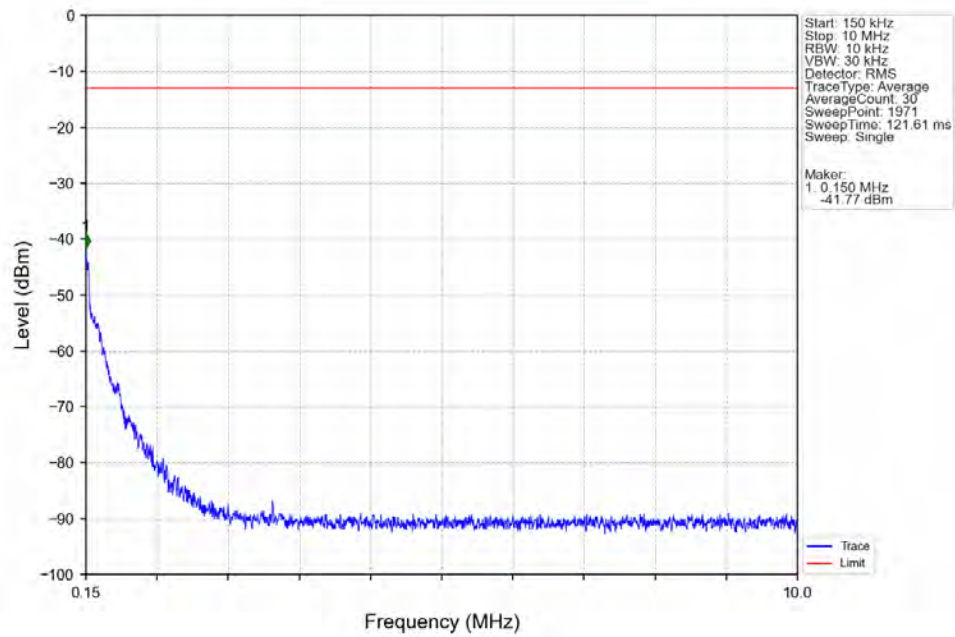


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.053	CHP	/	/	/	/	/
849	850	0.053	CHP	1	849.010	-27.50	-13	Pass
850	854	0.1	CHP	2	850.290	-33.67	-13	Pass

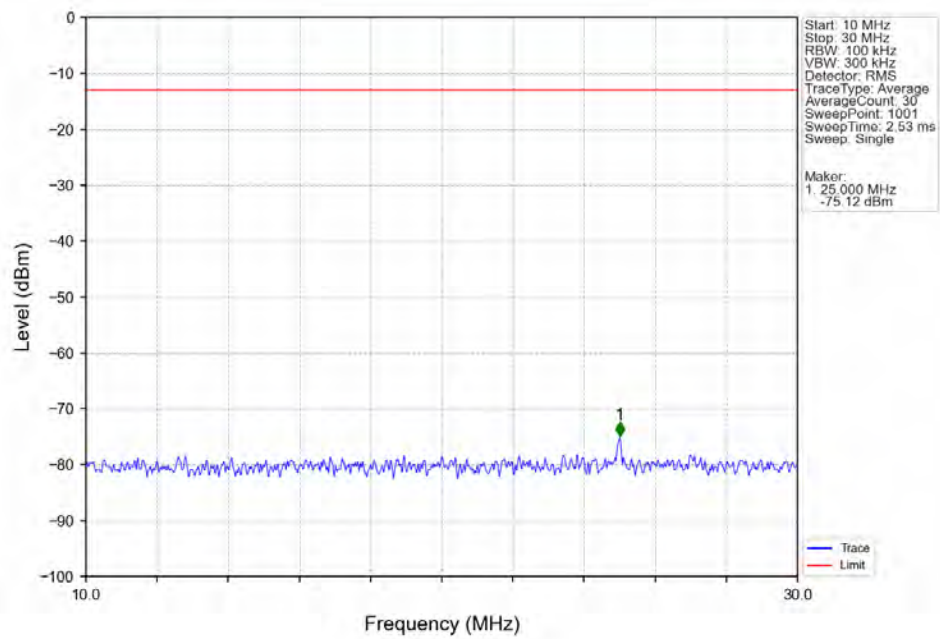
5.2.4 B5_10MHz



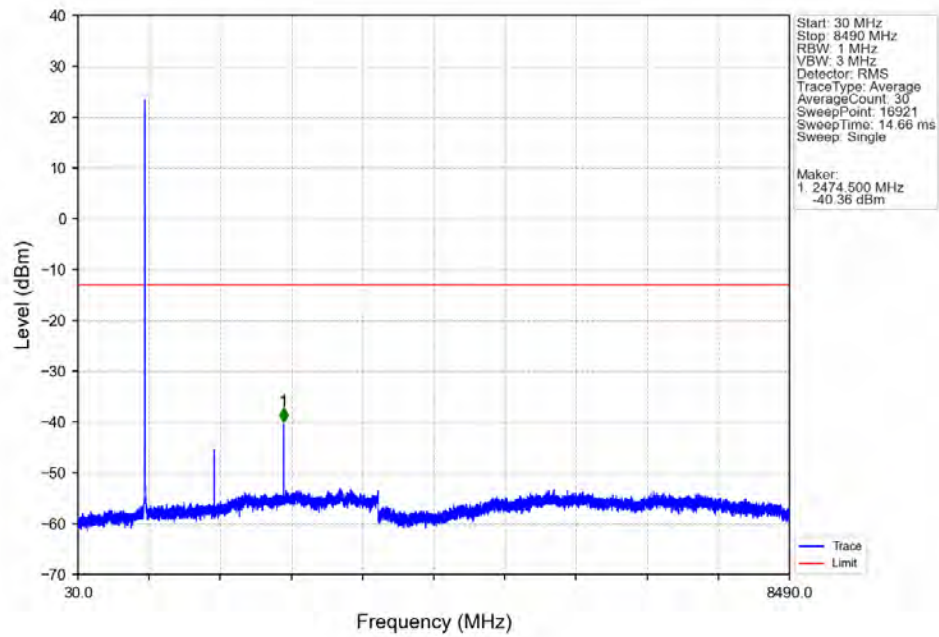
Band5 10MHz QPSK LCH 829MHz RB 1 0 NTN



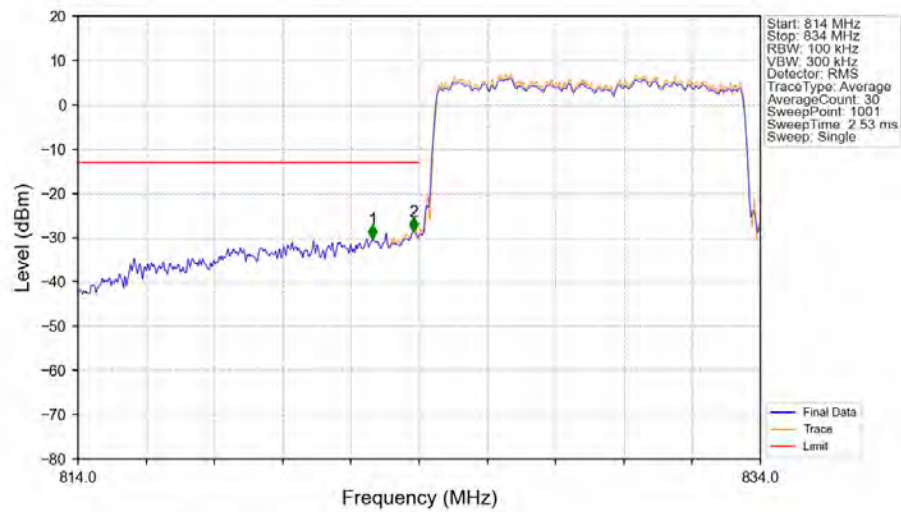
Band5 10MHz QPSK LCH 829MHz RB 1 0 NTN



Band5 10MHz QPSK LCH 829MHz RB 1 0 NTNV

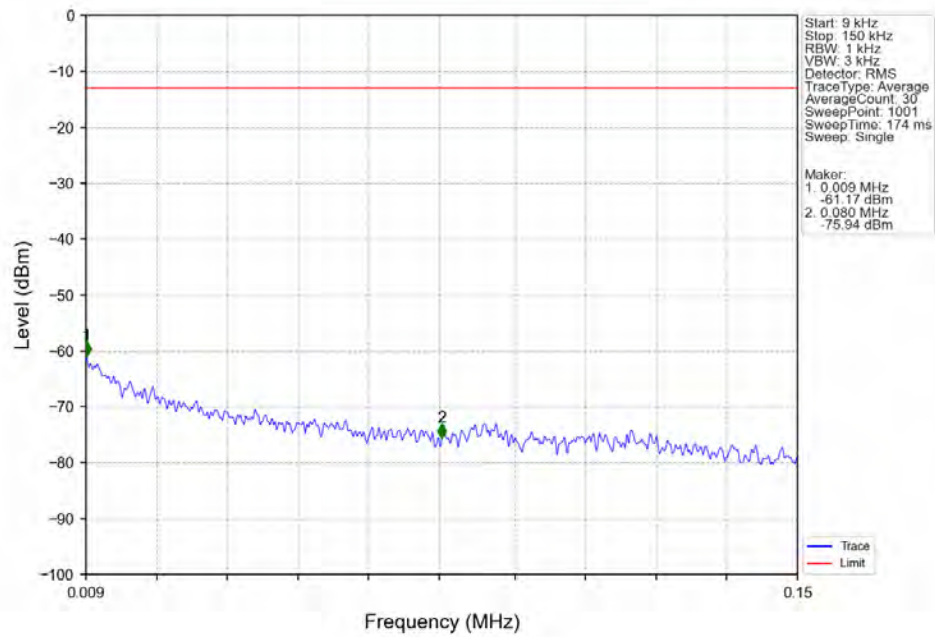


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

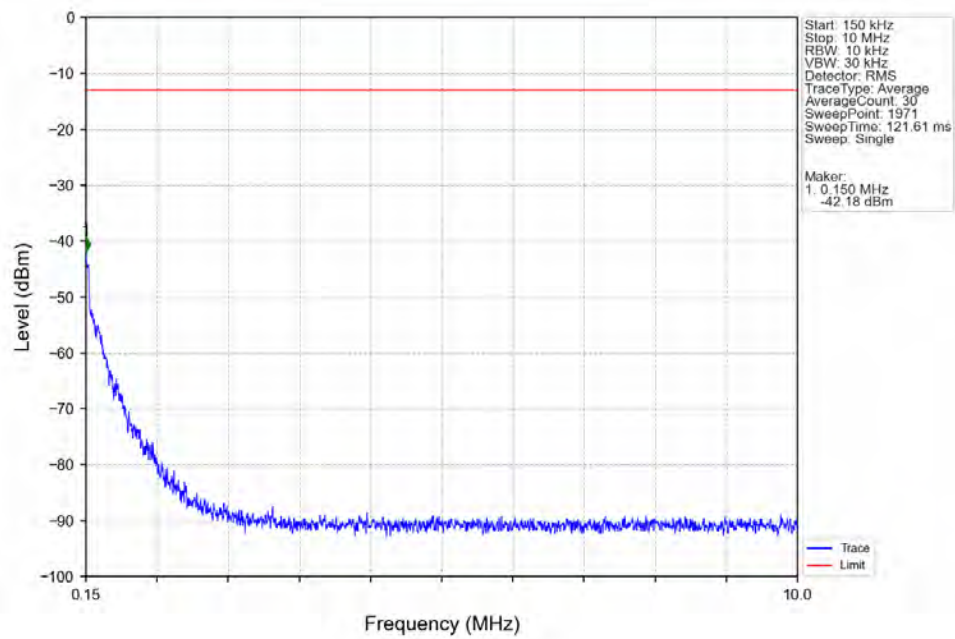


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.640	-30.23	-13	Pass
823	824	0.102	CHP	2	823.840	-28.57	-13	Pass
824	834	0.102	CHP	/	/	/	/	/

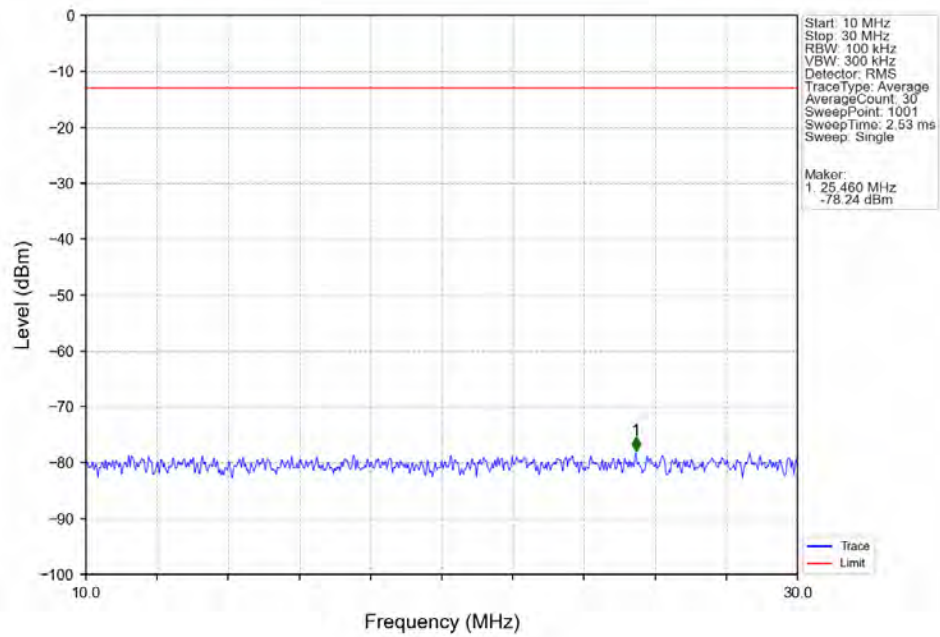
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



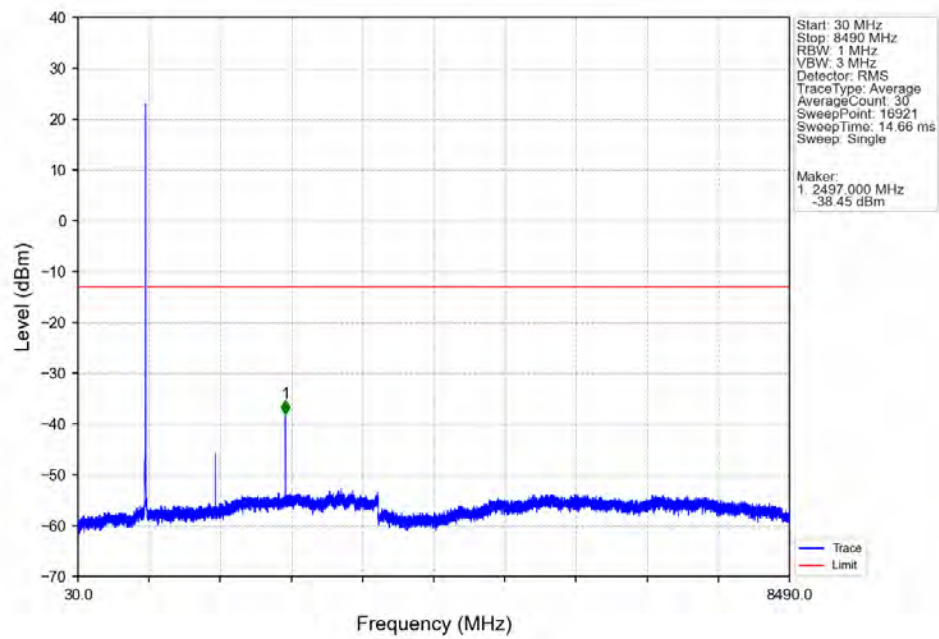
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



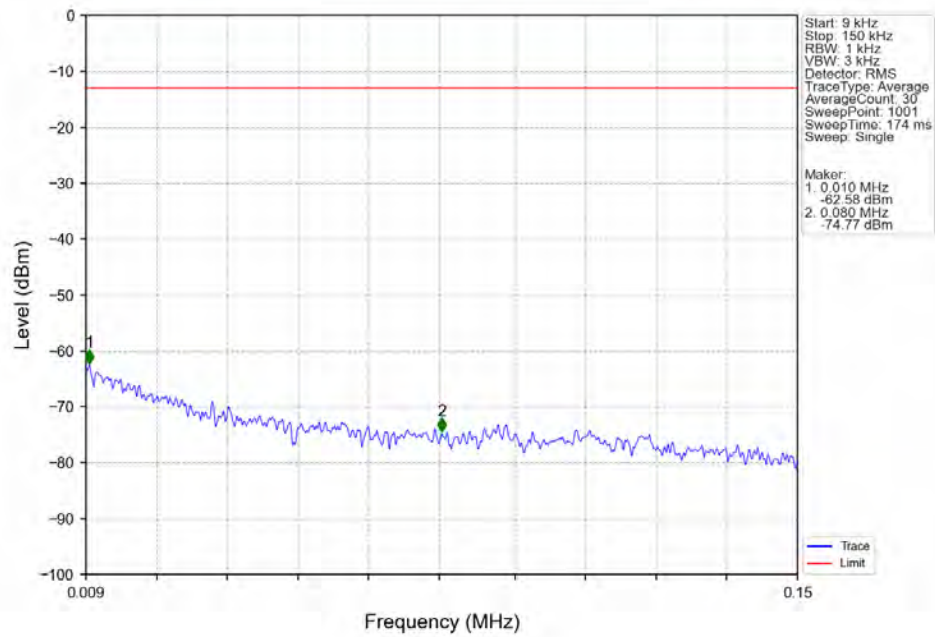
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



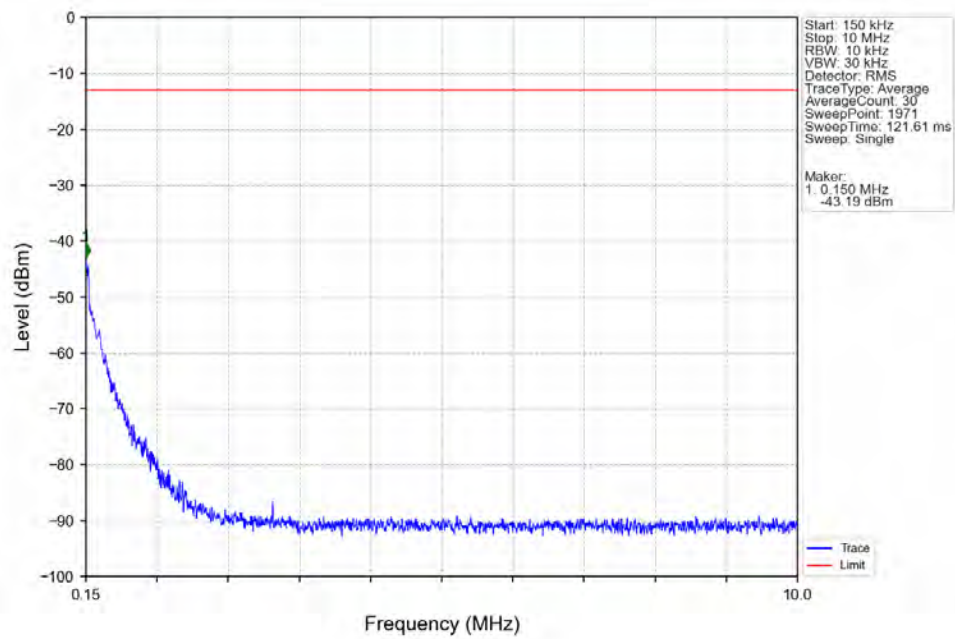
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



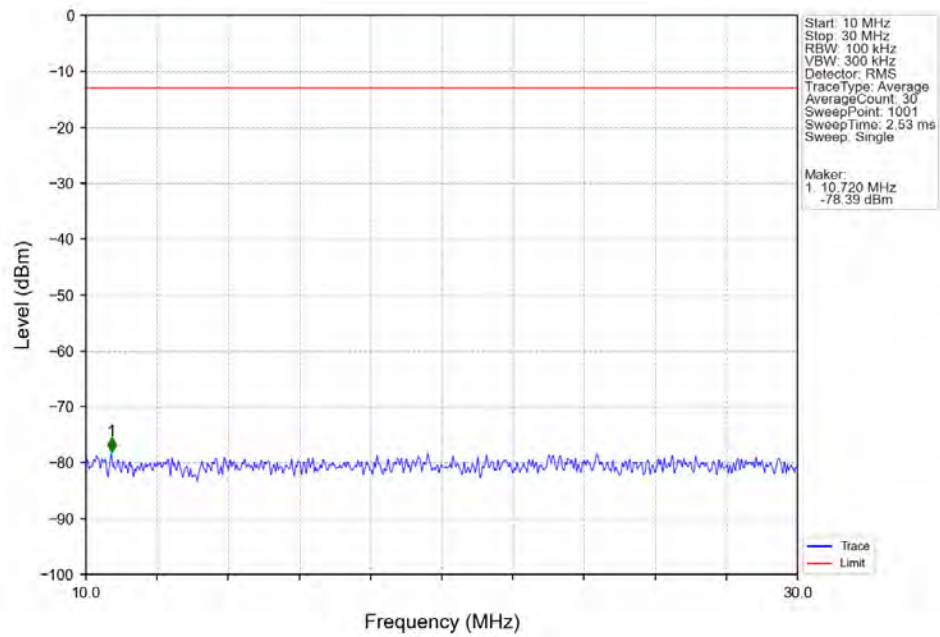
Band5 10MHz QPSK HCH 844MHz RB 1 0 NTNV



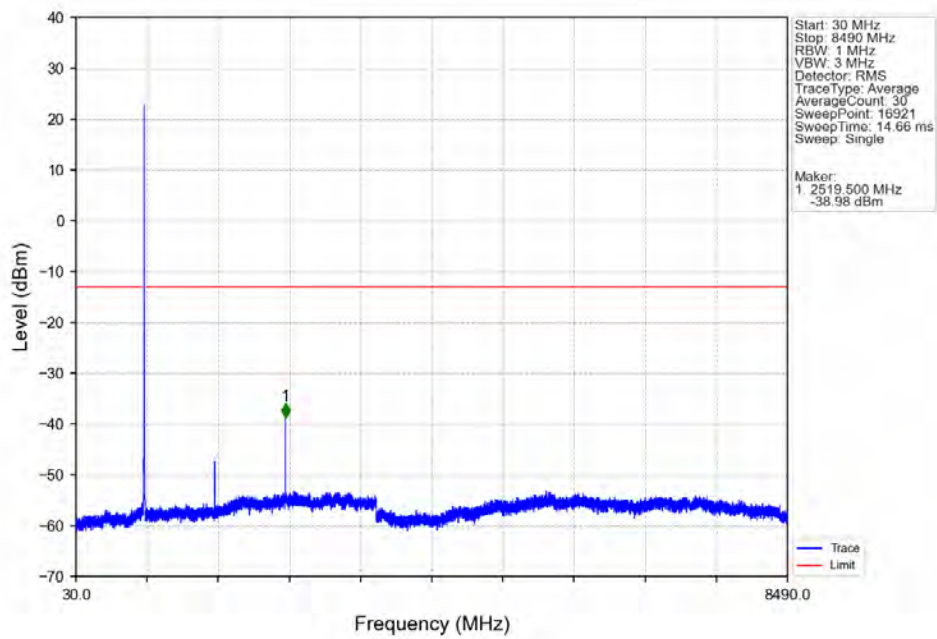
Band5 10MHz QPSK HCH 844MHz RB 1 0 NTNV



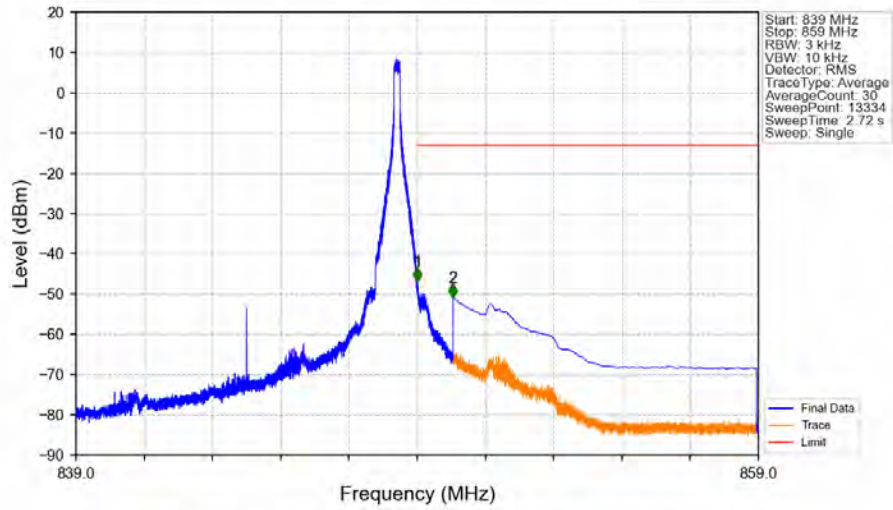
Band5 10MHz QPSK HCH 844MHz RB 1 0 NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

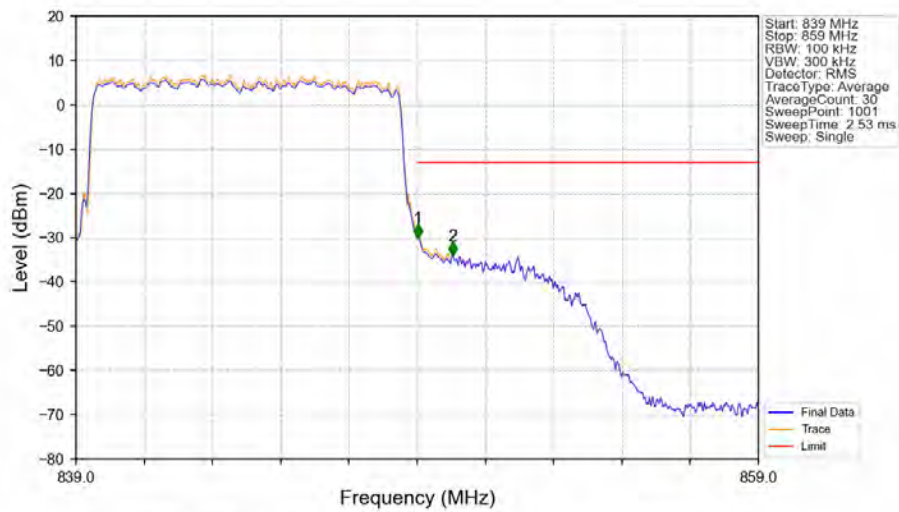


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



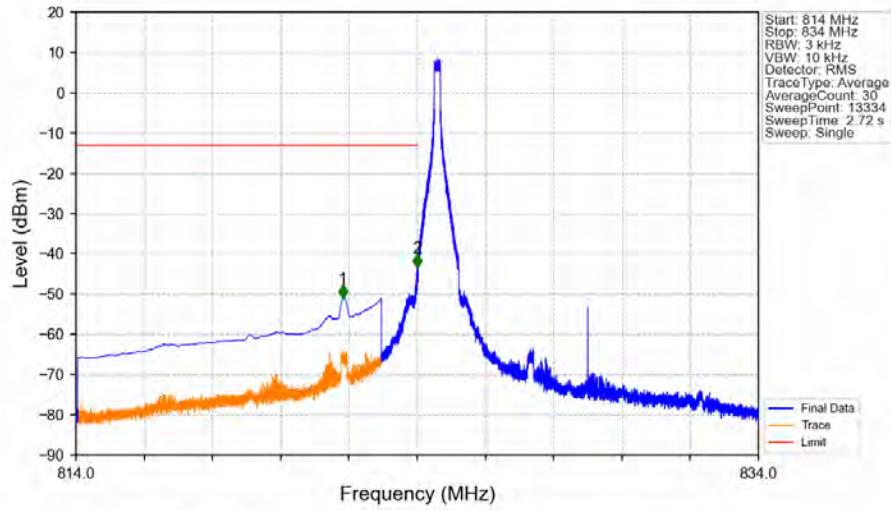
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.002	-46.85	-13	Pass
850	859	0.1	CHP	2	850.051	-50.91	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV

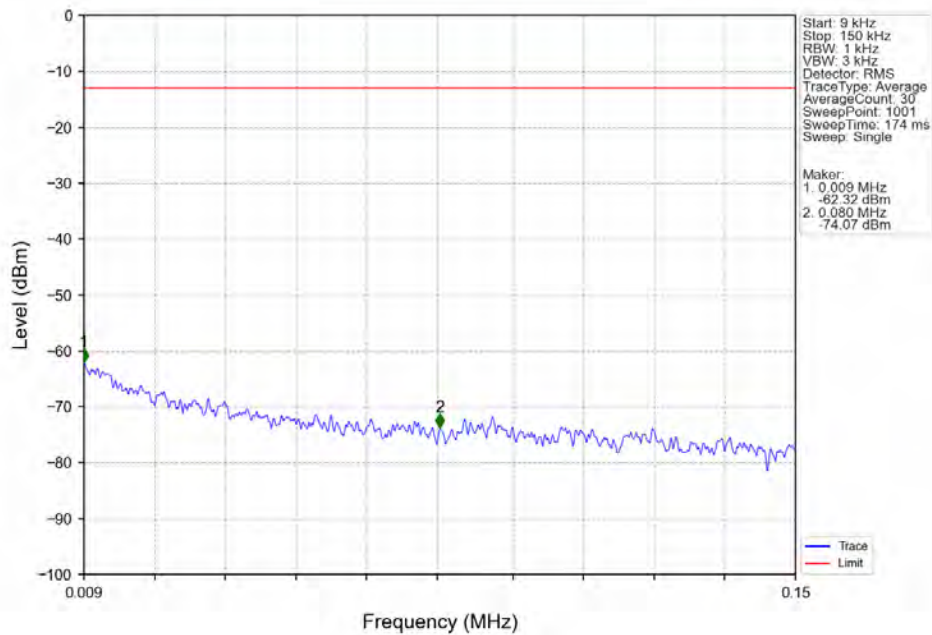


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.101	CHP	/	/	/	/	/
849	850	0.101	CHP	1	849.020	-30.05	-13	Pass
850	859	0.1	/	2	850.040	-34.08	-13	Pass

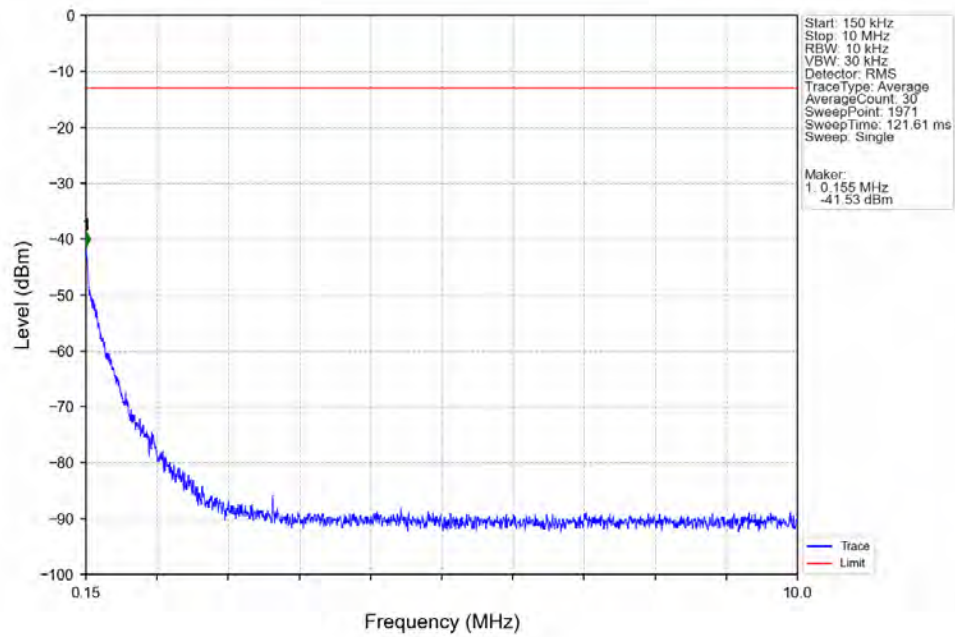
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



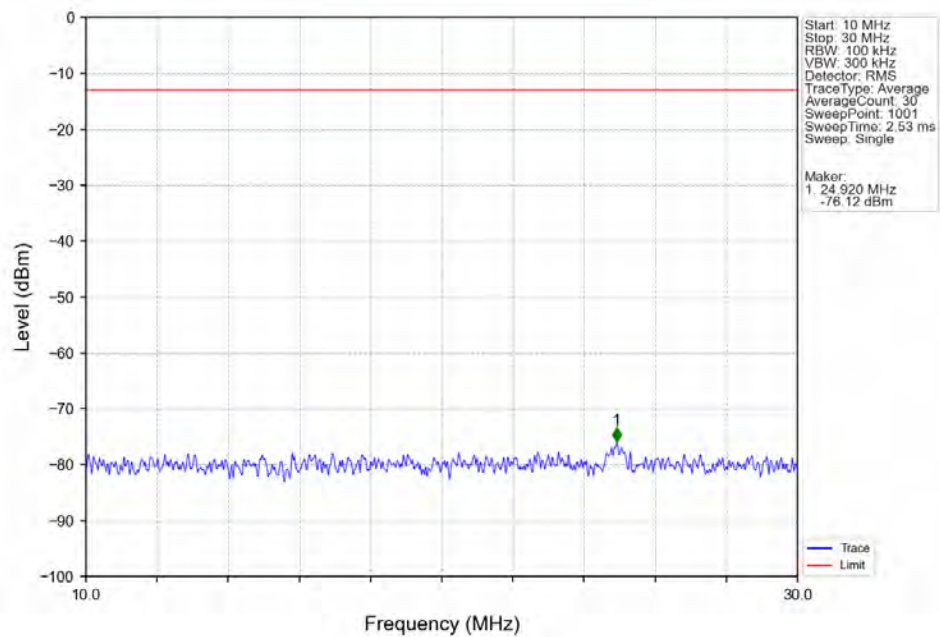
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



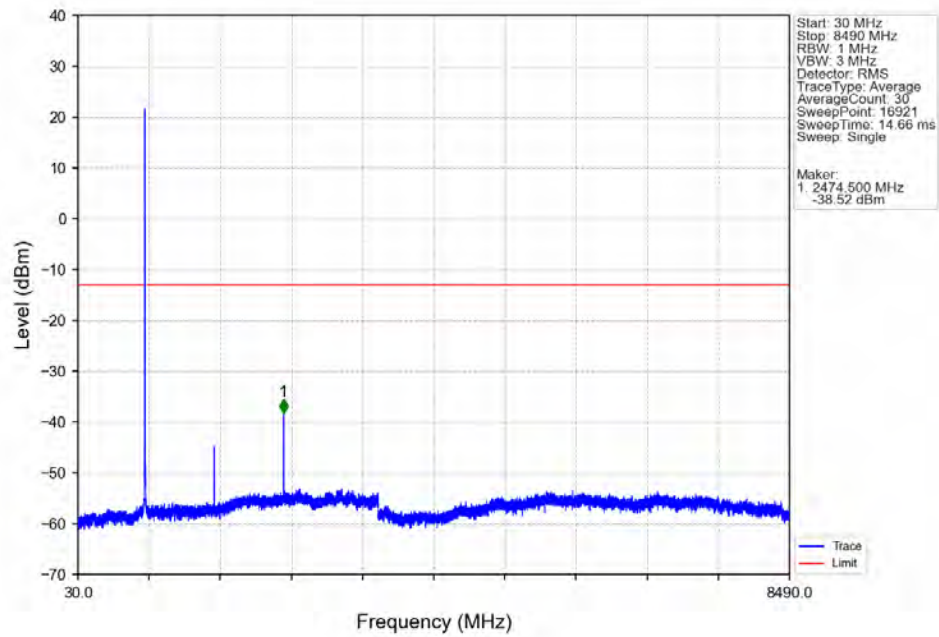
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



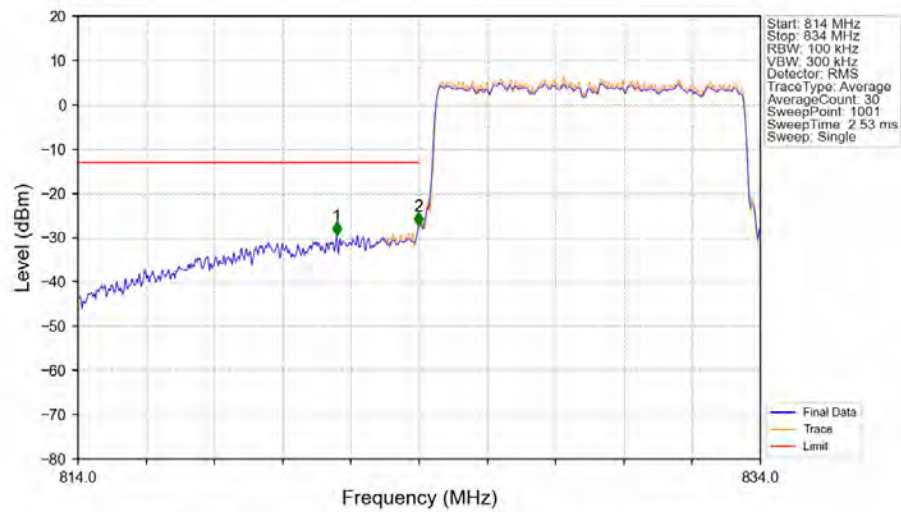
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

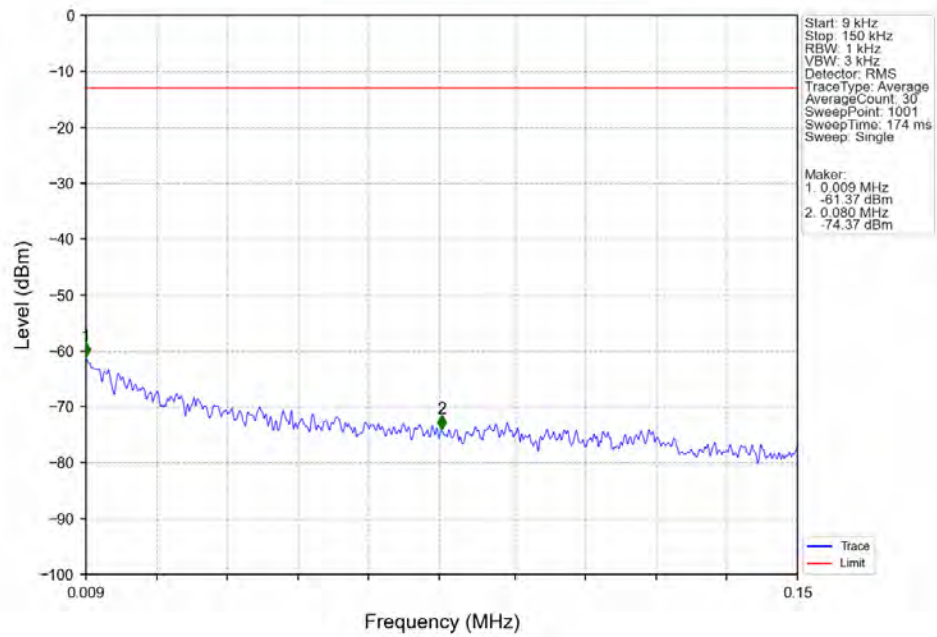


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

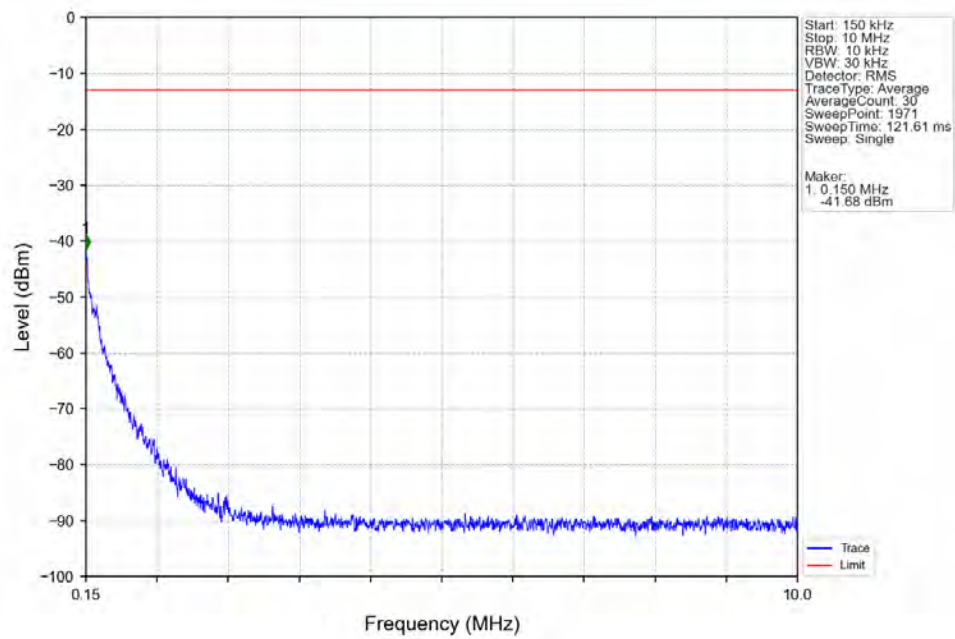


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	821.580	-29.48	-13	Pass
823	824	0.102	CHP	2	823.980	-27.33	-13	Pass
824	834	0.102	CHP	/	/	/	/	/

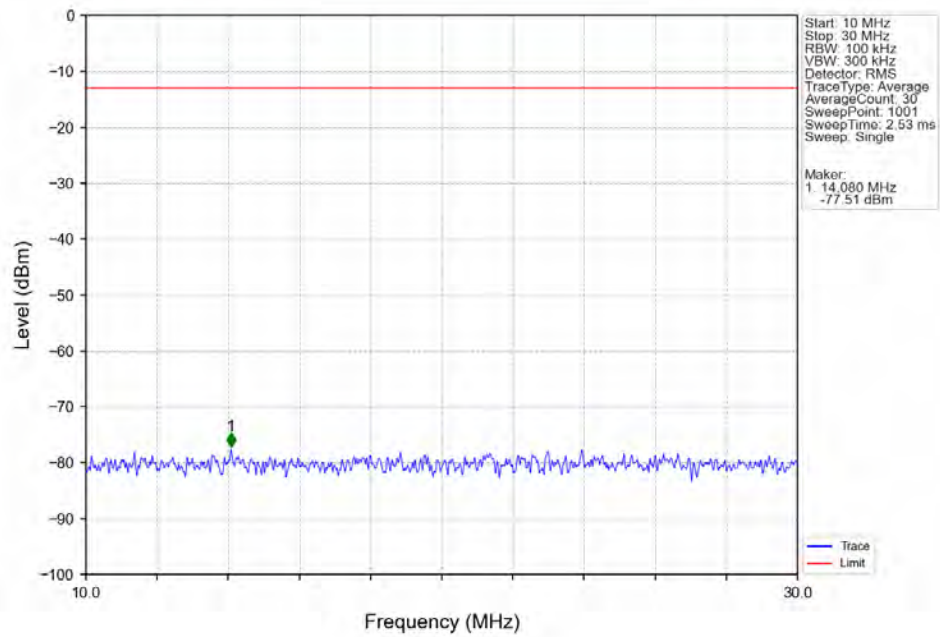
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



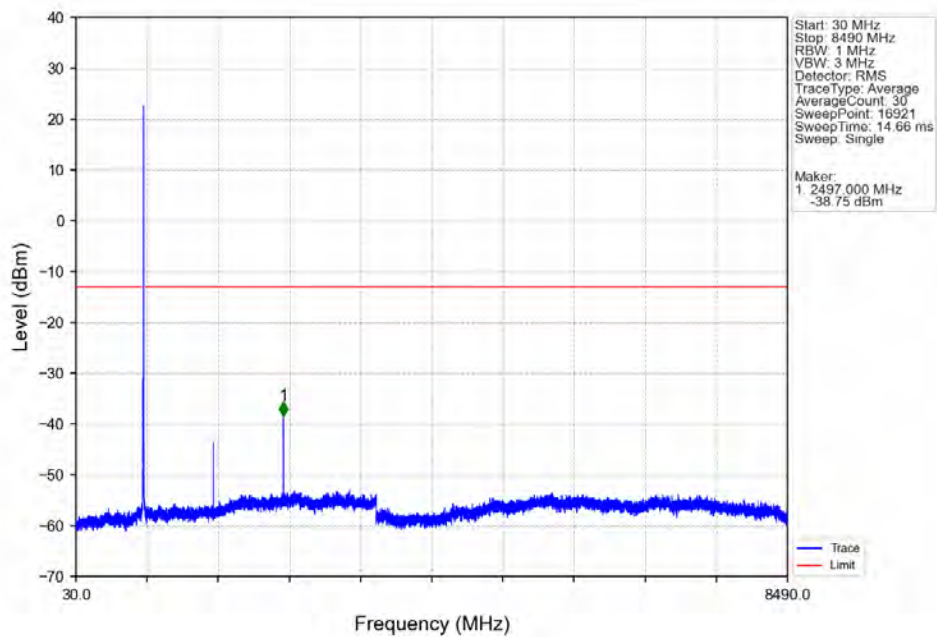
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



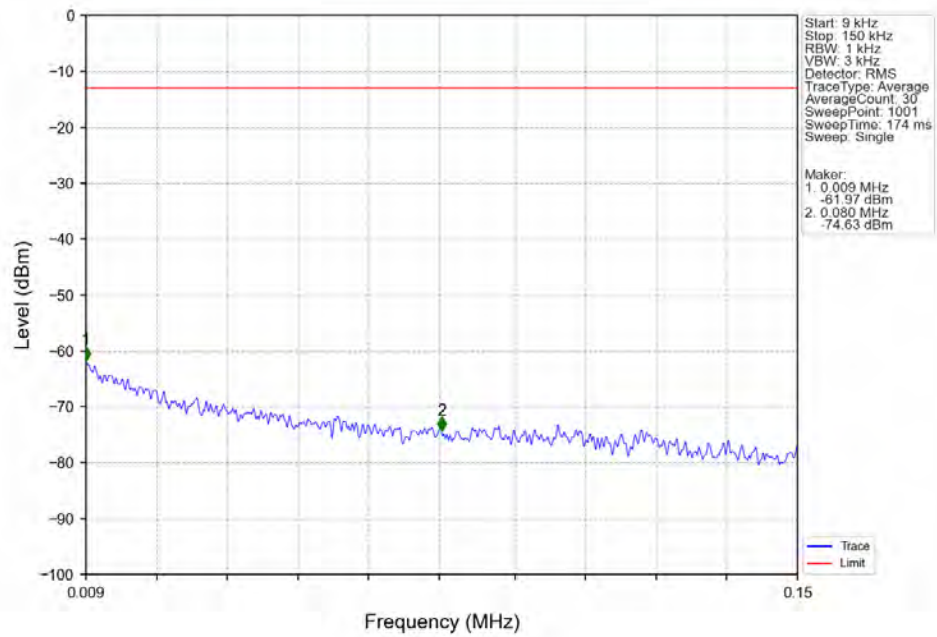
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



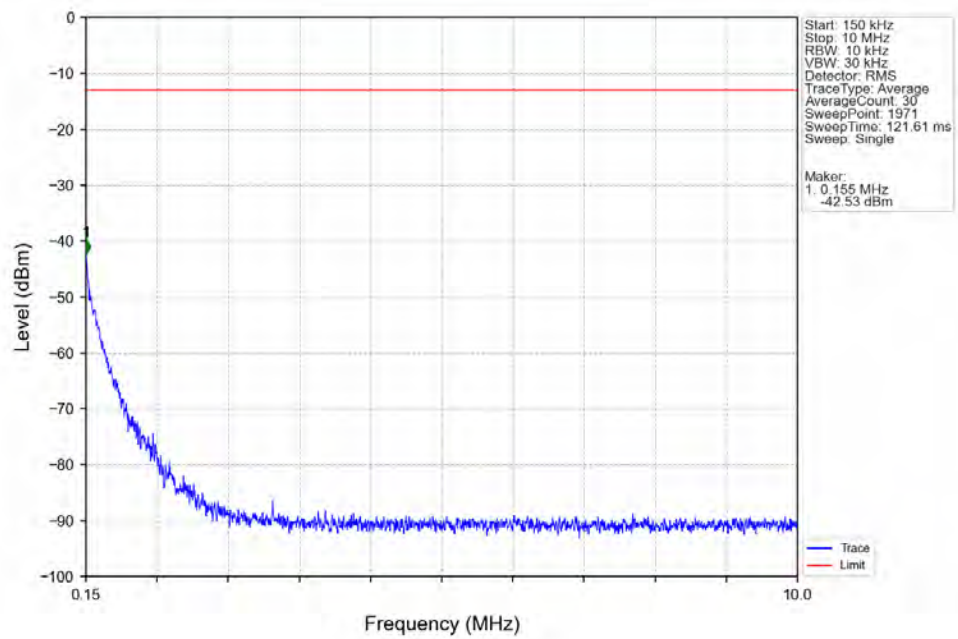
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



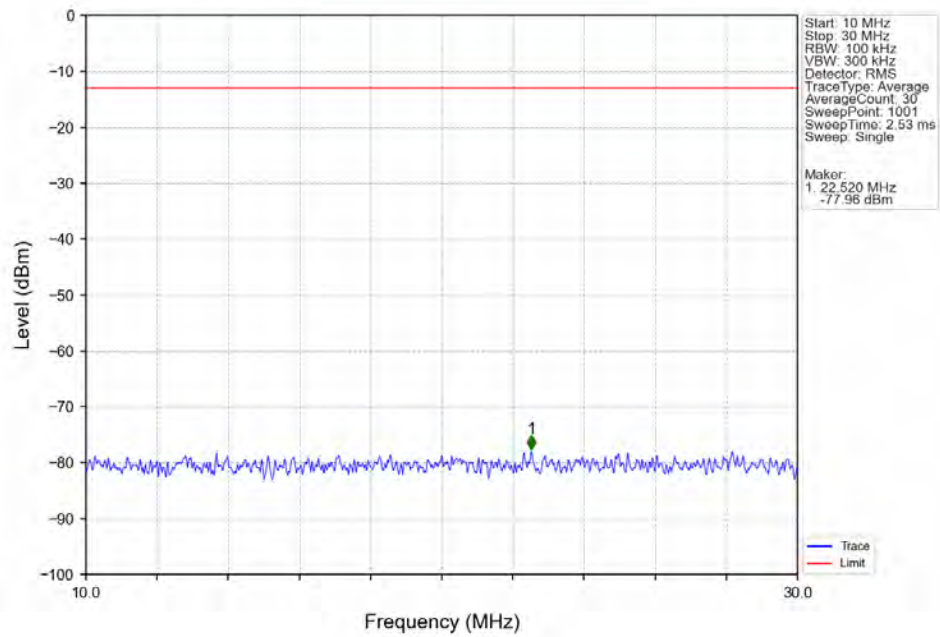
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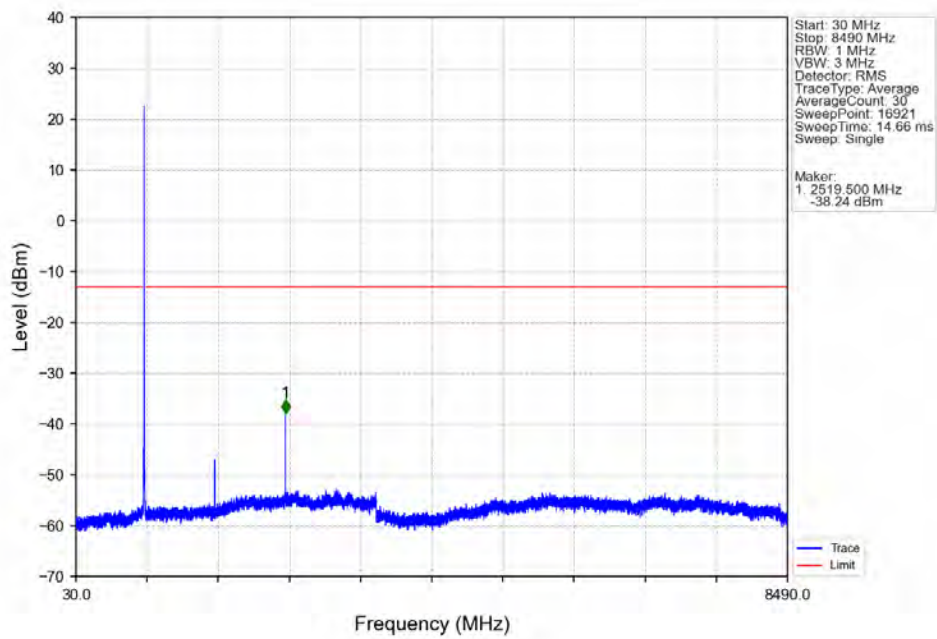
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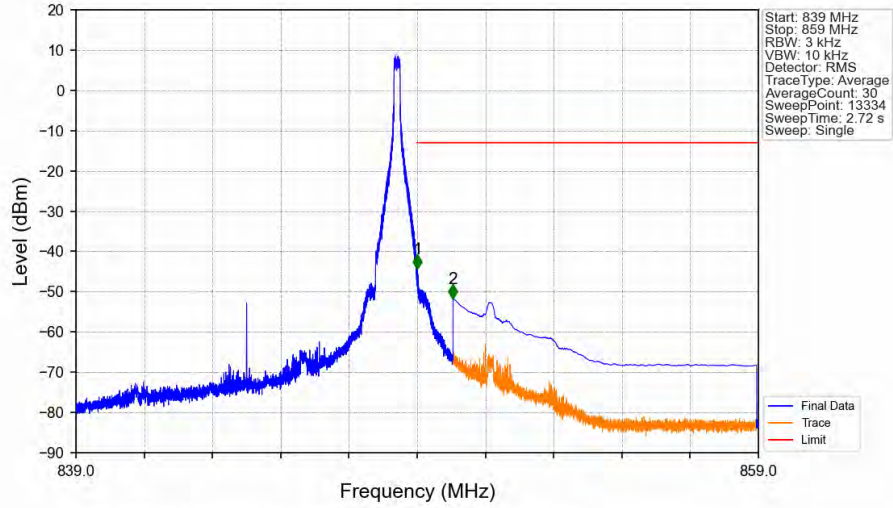
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Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

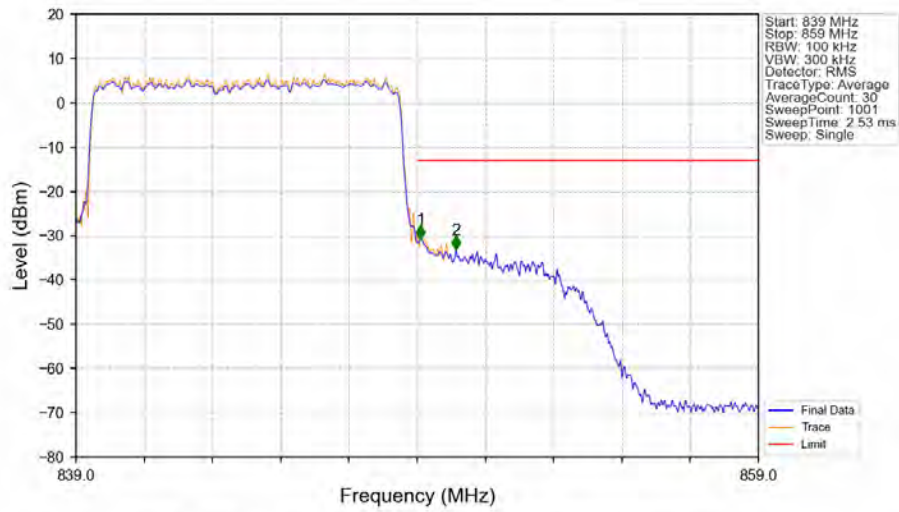


Band5 10MHz 16QAM HCH 844MHz RB 1 49 NTNV



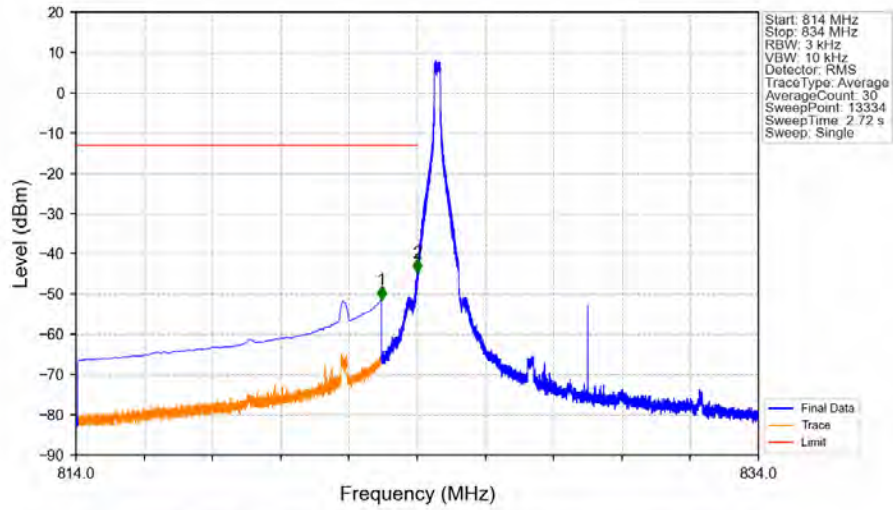
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.004	-44.24	-13	Pass
850	859	0.1	CHP	2	850.051	-51.67	-13	Pass

Band5 10MHz 16QAM HCH 844MHz RB 50_0 NTNV

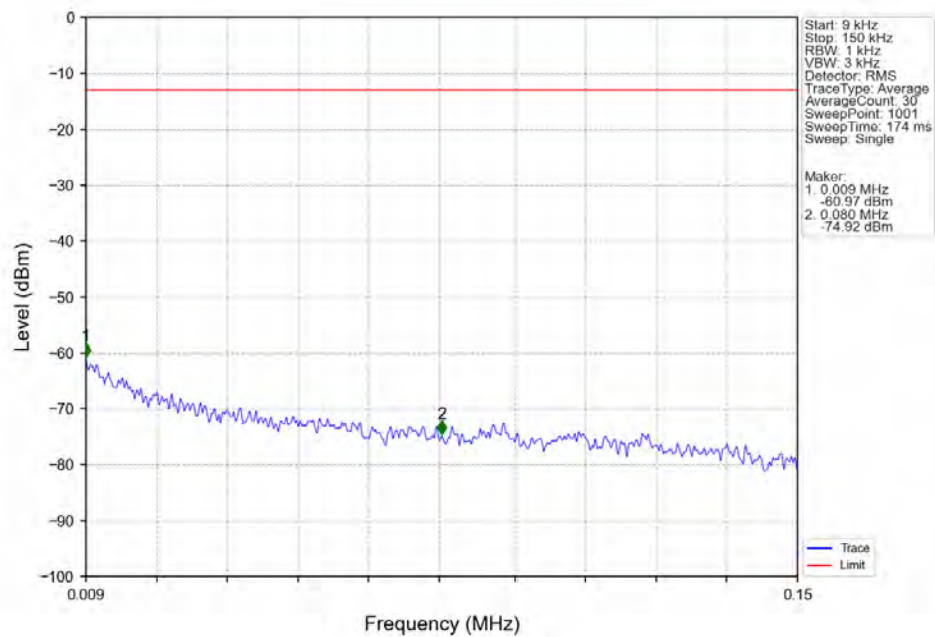


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.102	CHP	/	/	/	/	/
849	850	0.102	CHP	1	849.100	-30.81	-13	Pass
850	859	0.1	/	2	850.140	-33.18	-13	Pass

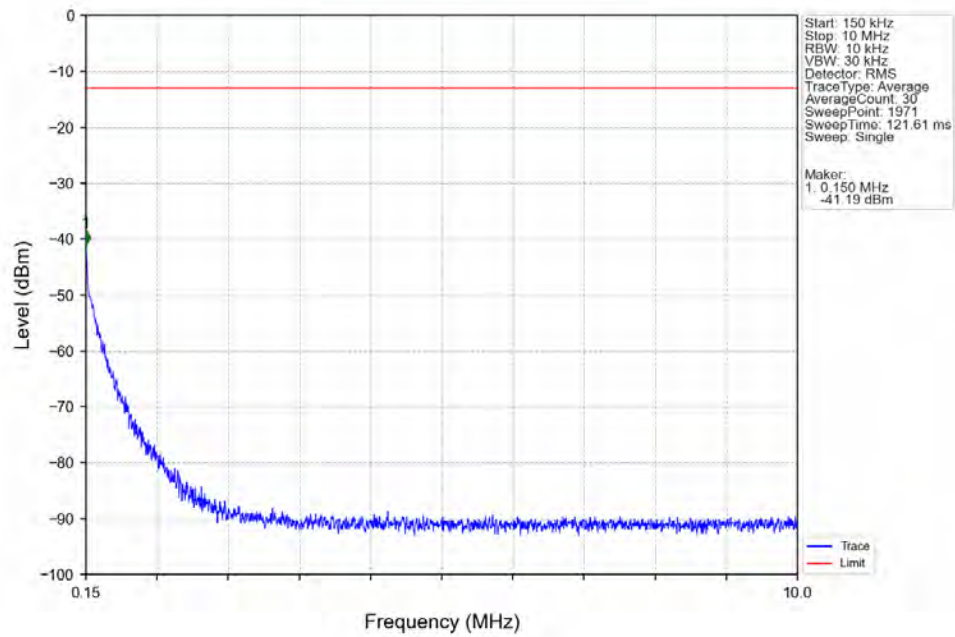
Band5_10MHz_64QAM_LCH_829MHz_RB_1_0_NTNV



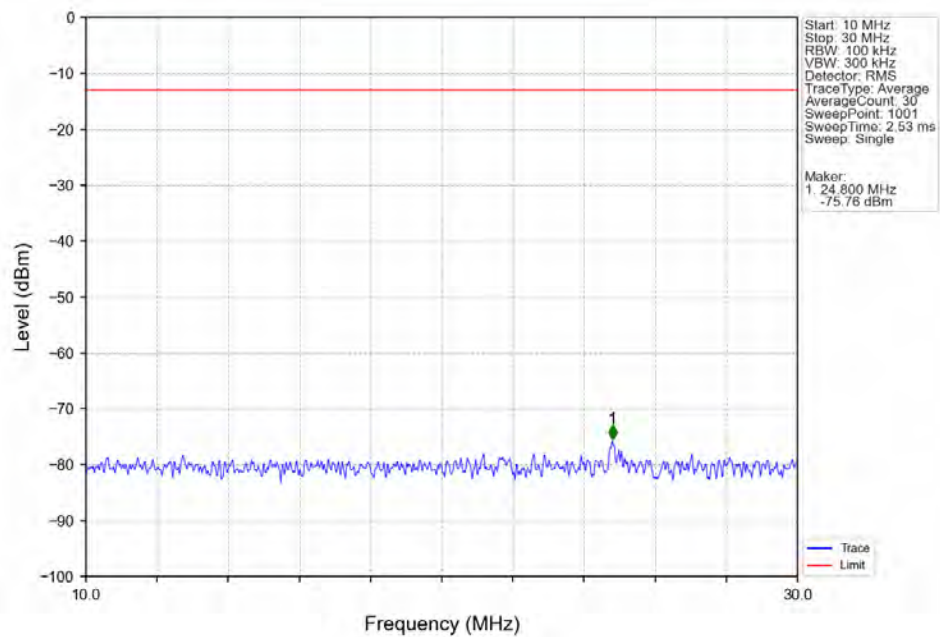
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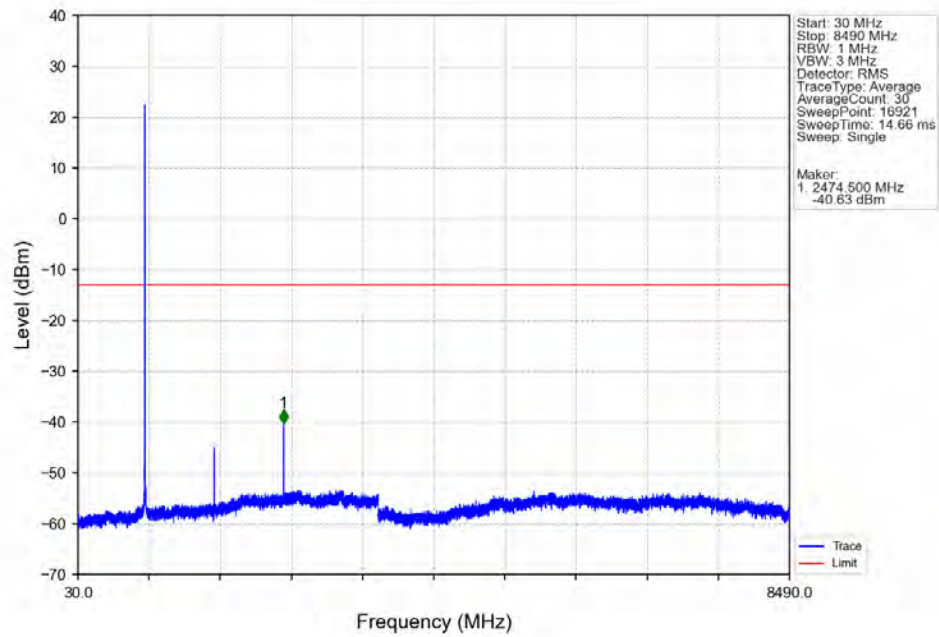
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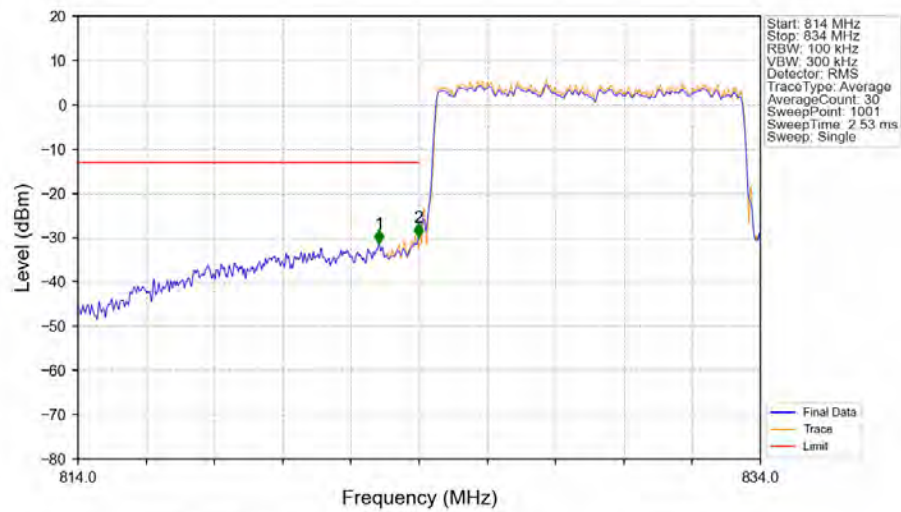
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Band5 10MHz 64QAM LCH 829MHz RB 1 0 NTNV

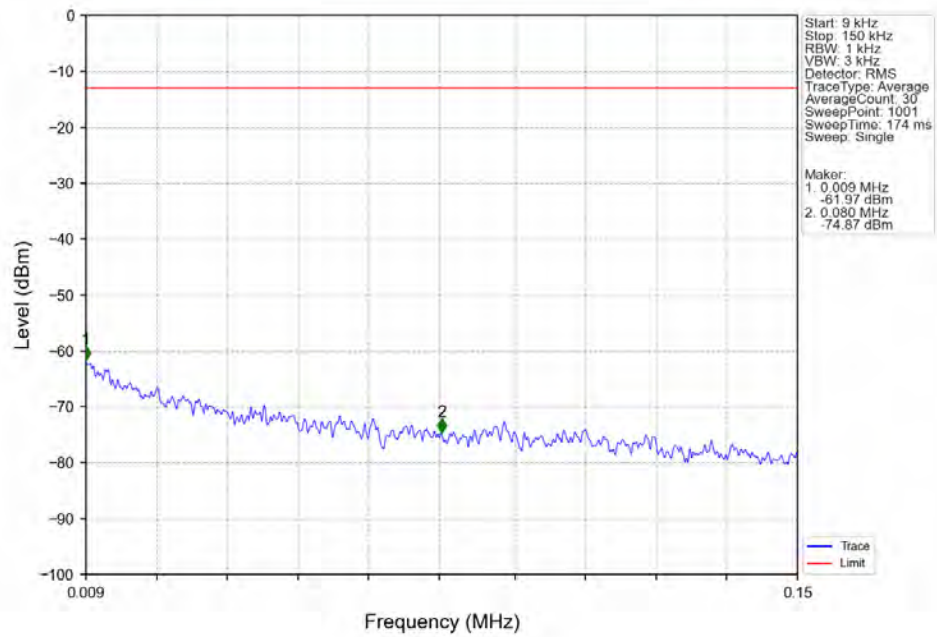


Band5_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV

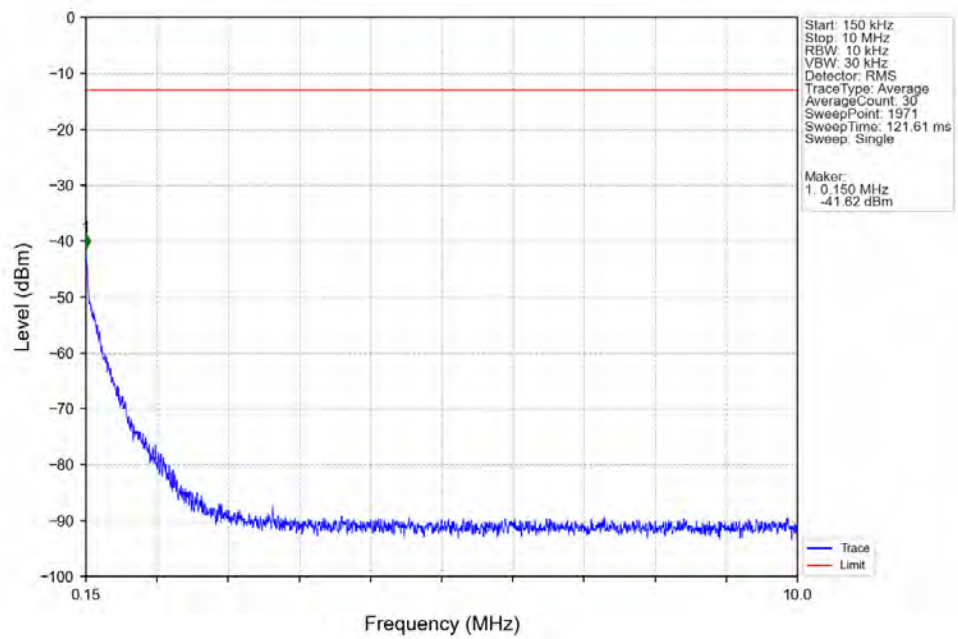


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.820	-31.24	-13	Pass
823	824	0.102	CHP	2	823.980	-29.86	-13	Pass
824	834	0.102	CHP	/	/	/	/	/

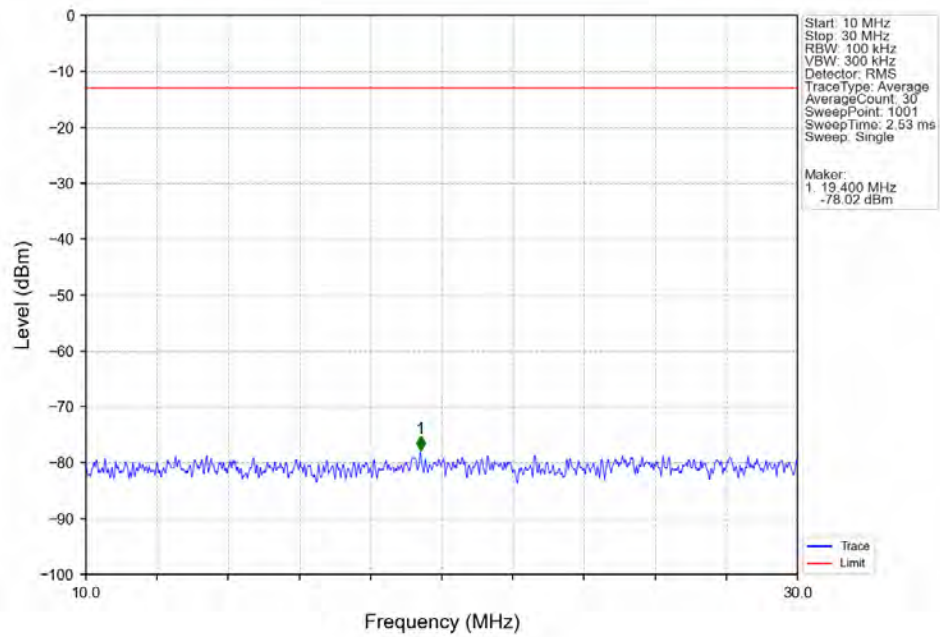
Band5_10MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



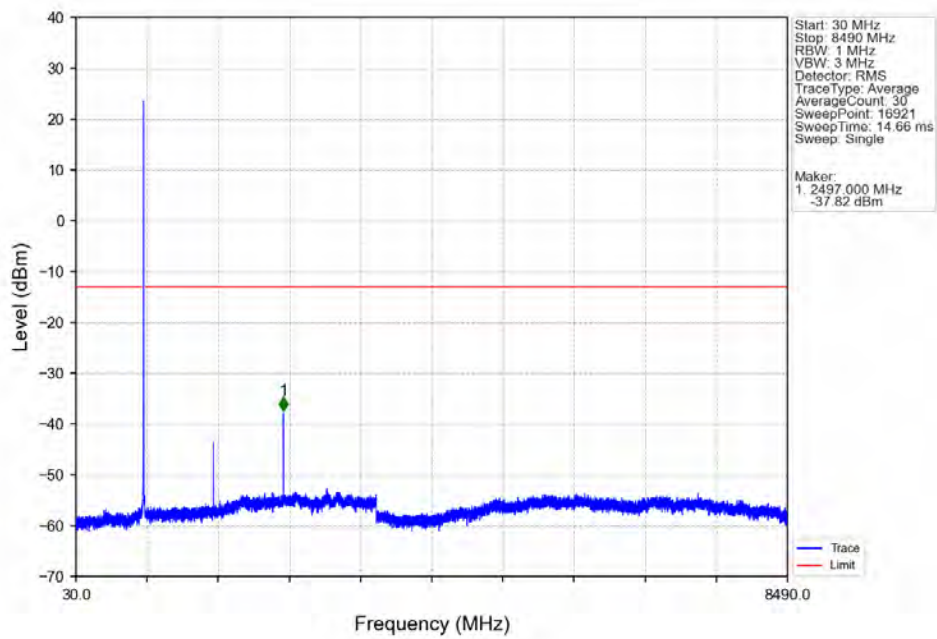
Band5_10MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



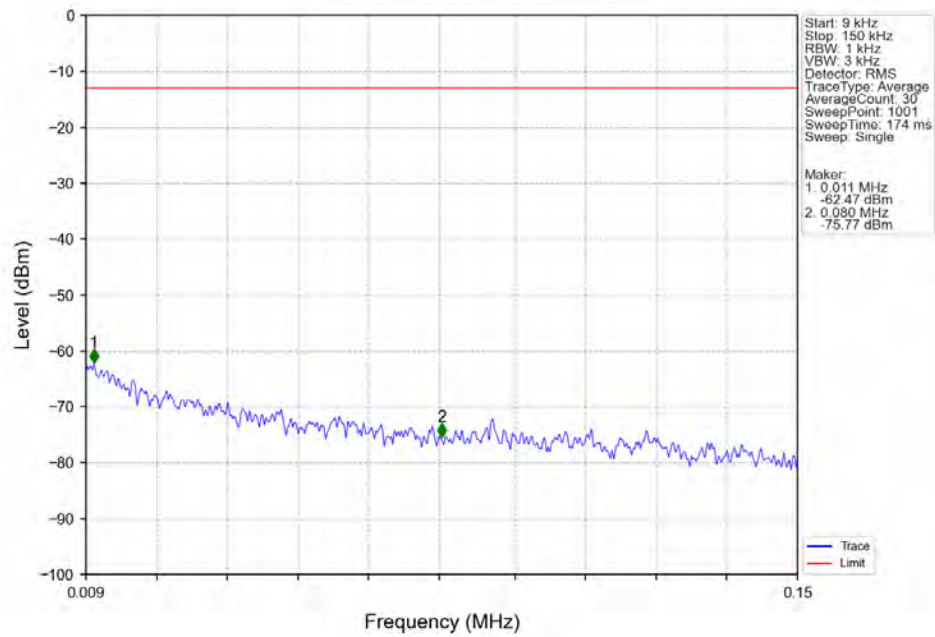
Band5_10MHz_64QAM_MCH_836.5MHz_RB_1_0_NTNV



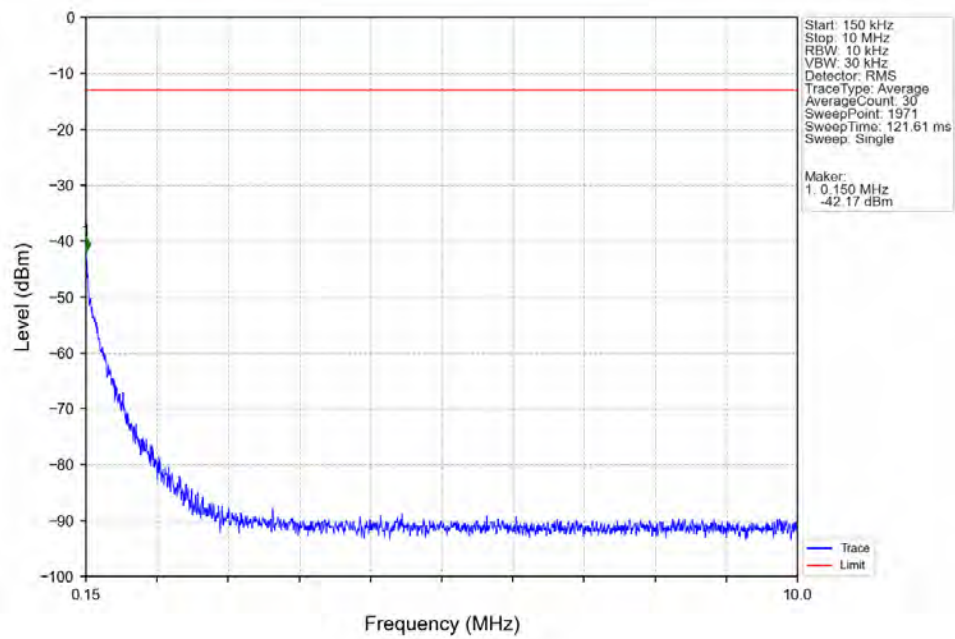
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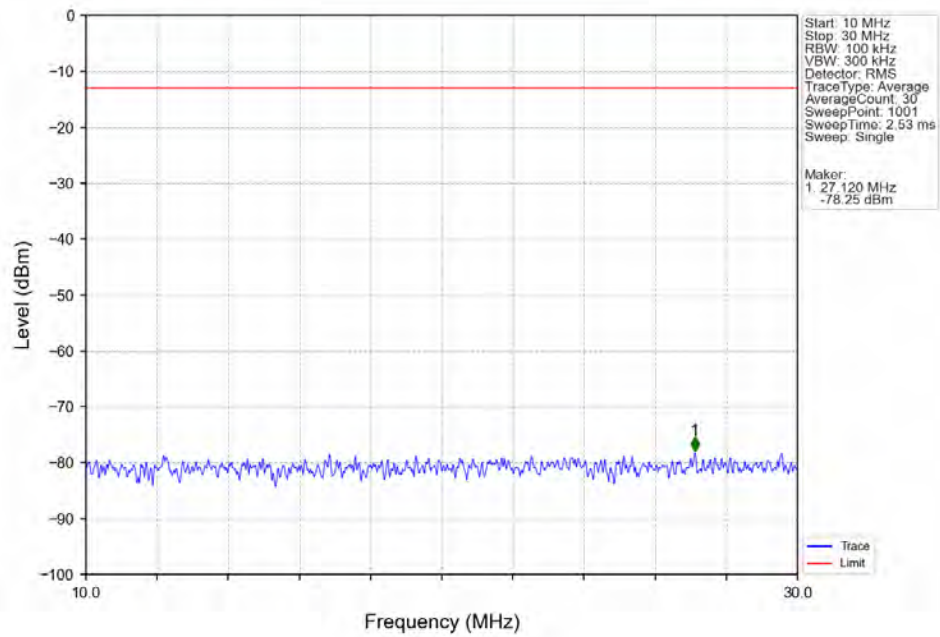
Band5_10MHz_64QAM_HCH_844MHz_RB_1_0_NTNV



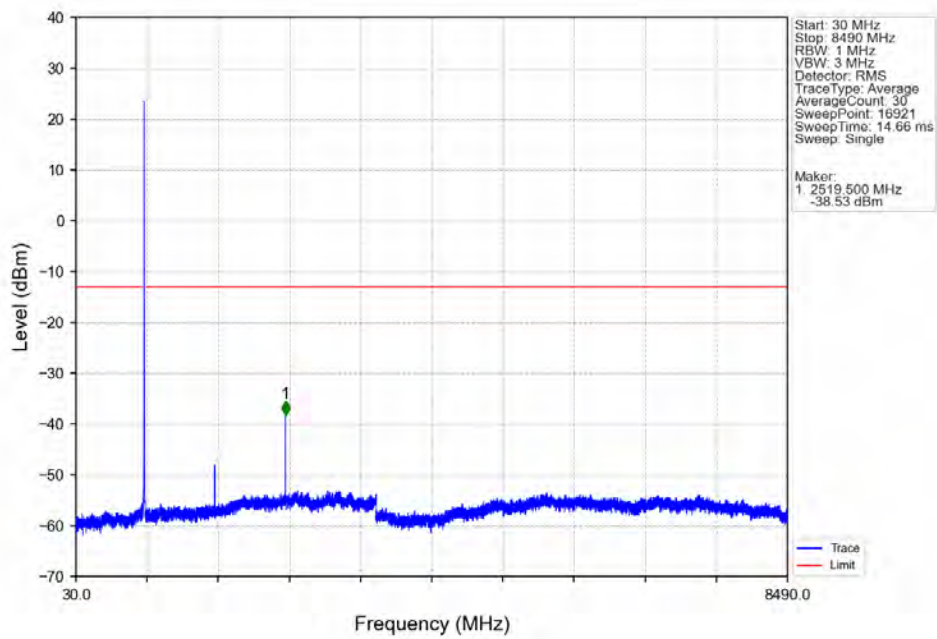
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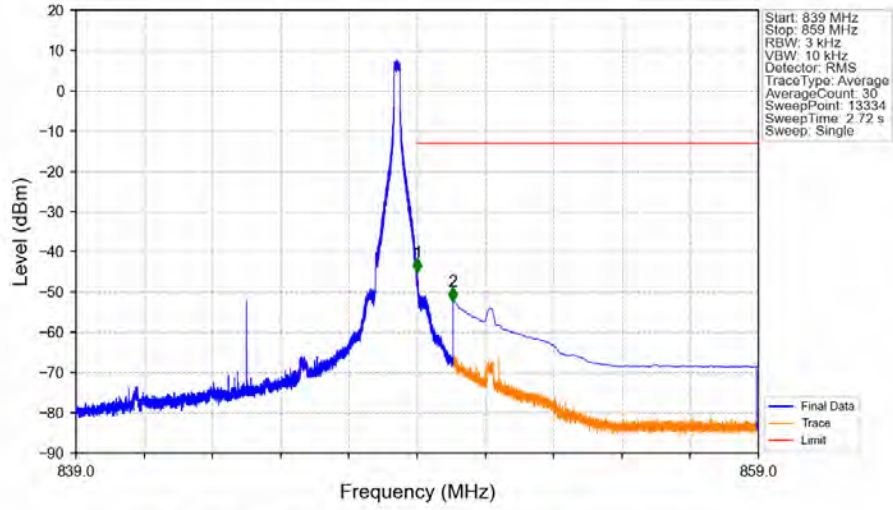
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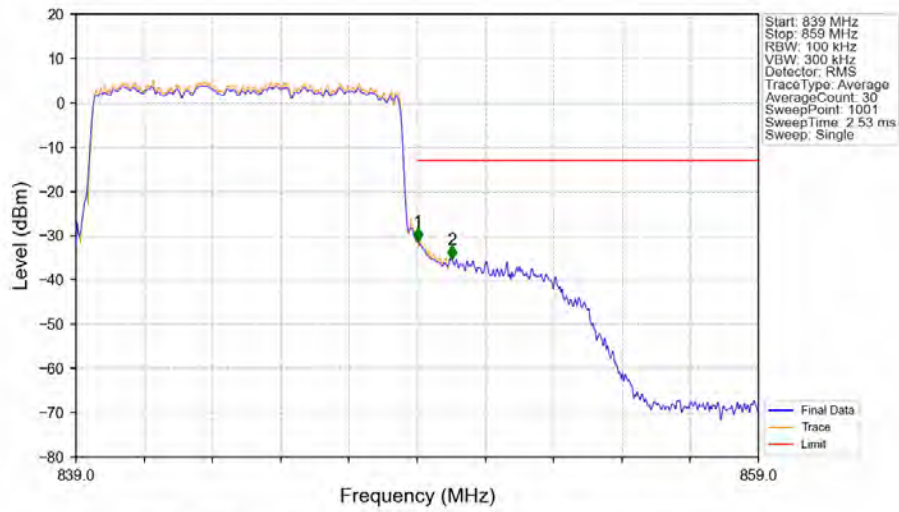
Band5_10MHz_64QAM_HCH_844MHz_RB_1_0_NTNV



Band5 10MHz 64QAM HCH 844MHz RB 1 49 NTV



Band5 10MHz 64QAM HCH 844MHz RB 50_0 NTV



6. Field Strength of Spurious Radiation

LTE Band 5 ANT0-Low channel, Modulation: QPSK, Bandwidth:10MHz, 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
1649.0	-62.52	-13	-49.52	-65.4	2.62	5.5	Horizontal	Pass
2473.5	-69.75	-13	-56.75	-72.45	3.06	5.76	Horizontal	Pass
3298.0	-67.37	-13	-54.37	-71.73	3.3	7.66	Horizontal	Pass
1649.0	-68.46	-13	-55.46	-71.34	2.62	5.5	Vertical	Pass
2473.5	-69.11	-13	-56.11	-71.81	3.06	5.76	Vertical	Pass
3298.0	-66.81	-13	-53.81	-71.17	3.3	7.66	Vertical	Pass

LTE Band 5 ANT0-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 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
1664.0	-64.13	-13	-51.13	-66.97	2.63	5.47	Horizontal	Pass
2496.0	-68.7	-13	-55.7	-71.43	3.08	5.81	Horizontal	Pass
3328.0	-67.34	-13	-54.34	-71.77	3.31	7.74	Horizontal	Pass
1664.0	-69.54	-13	-56.54	-72.38	2.63	5.47	Vertical	Pass
2496.0	-69.13	-13	-56.13	-71.86	3.08	5.81	Vertical	Pass
3328.0	-66.76	-13	-53.76	-71.19	3.31	7.74	Vertical	Pass

LTE Band 5 ANT0-High channel, Modulation: QPSK, Bandwidth:10MHz, 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
1679.0	-69.57	-13	-56.57	-72.37	2.63	5.43	Horizontal	Pass
2518.5	-69.55	-13	-56.55	-72.33	3.08	5.86	Horizontal	Pass
3358.0	-66.99	-13	-53.99	-71.48	3.33	7.82	Horizontal	Pass
1679.0	-72.39	-13	-59.39	-75.19	2.63	5.43	Vertical	Pass
2518.5	-69.11	-13	-56.11	-71.89	3.08	5.86	Vertical	Pass
3358.0	-67.16	-13	-54.16	-71.65	3.33	7.82	Vertical	Pass

CA_5A_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	-62.68	-25	-37.68	-68.25	4.57	10.14	Horizontal	Pass
7503.0	-60.22	-25	-35.22	-67.02	4.94	11.74	Horizontal	Pass
10004.0	-56.31	-25	-31.31	-63.88	5.46	13.03	Horizontal	Pass
5002.0	-62.63	-25	-37.63	-68.2	4.57	10.14	Vertical	Pass
7503.0	-59.84	-25	-34.84	-66.64	4.94	11.74	Vertical	Pass
10004.0	-56.76	-25	-31.76	-64.33	5.46	13.03	Vertical	Pass

CA_5A_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	-63.14	-25	-38.14	-68.72	4.59	10.17	Horizontal	Pass
7578.0	-60.28	-25	-35.28	-67.16	4.95	11.83	Horizontal	Pass
10104.0	-56.59	-25	-31.59	-64.16	5.48	13.05	Horizontal	Pass
5052.0	-63.38	-25	-38.38	-68.96	4.59	10.17	Vertical	Pass
7578.0	-59.91	-25	-34.91	-66.79	4.95	11.83	Vertical	Pass
10104.0	-56.89	-25	-31.89	-64.46	5.48	13.05	Vertical	Pass

CA_5A_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	-63.96	-25	-38.96	-69.56	4.6	10.2	Horizontal	Pass
7653.0	-59.9	-25	-34.9	-66.87	4.95	11.92	Horizontal	Pass
10204.0	-56.64	-25	-31.64	-64.22	5.49	13.07	Horizontal	Pass
5102.0	-63.65	-25	-38.65	-69.25	4.6	10.2	Vertical	Pass
7653.0	-59.85	-25	-34.85	-66.82	4.95	11.92	Vertical	Pass
10204.0	-57.11	-25	-32.11	-64.69	5.49	13.07	Vertical	Pass

CA_5A_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	-66.24	-13	-53.24	-70.86	3.36	7.98	Horizontal	Pass
5133.0	-62.9	-13	-49.9	-68.51	4.61	10.22	Horizontal	Pass
6844.0	-61.21	-13	-48.21	-67.24	4.9	10.93	Horizontal	Pass
3422.0	-66.66	-13	-53.66	-71.28	3.36	7.98	Vertical	Pass
5133.0	-62.83	-13	-49.83	-68.44	4.61	10.22	Vertical	Pass
6844.0	-60.81	-13	-47.81	-66.84	4.9	10.93	Vertical	Pass

CA_5A_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	-67.1	-13	-54.1	-71.81	3.39	8.1	Horizontal	Pass
5208.0	-63.49	-13	-50.49	-69.12	4.64	10.27	Horizontal	Pass
6944.0	-61.4	-13	-48.4	-67.55	4.91	11.06	Horizontal	Pass
3472.0	-67.02	-13	-54.02	-71.73	3.39	8.1	Vertical	Pass
5208.0	-63.0	-13	-50.0	-68.63	4.64	10.27	Vertical	Pass
6944.0	-61.64	-13	-48.64	-67.79	4.91	11.06	Vertical	Pass

CA_5A_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	-66.5	-13	-53.5	-71.28	3.42	8.2	Horizontal	Pass
5283.0	-63.21	-13	-50.21	-68.87	4.66	10.32	Horizontal	Pass
7044.0	-60.93	-13	-47.93	-67.19	4.92	11.18	Horizontal	Pass
3522.0	-66.8	-13	-53.8	-71.58	3.42	8.2	Vertical	Pass
5283.0	-62.88	-13	-49.88	-68.54	4.66	10.32	Vertical	Pass
7044.0	-60.78	-13	-47.78	-67.04	4.92	11.18	Vertical	Pass