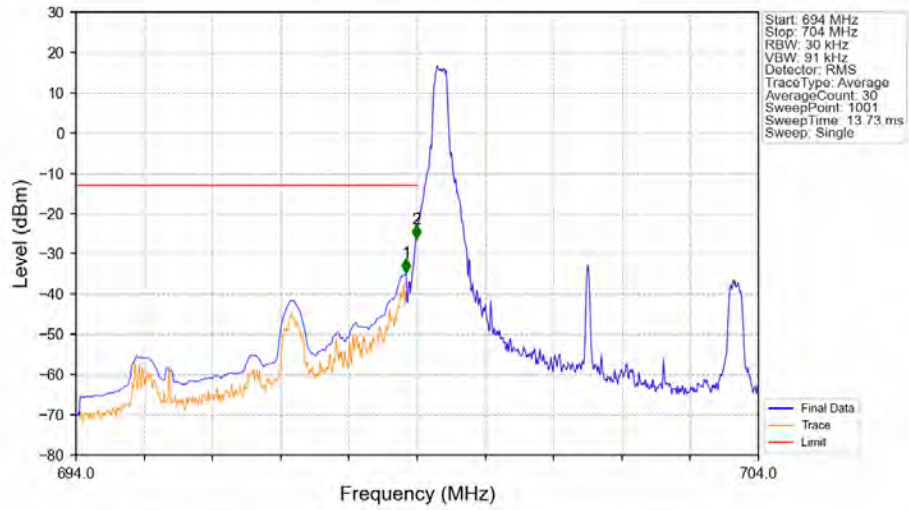
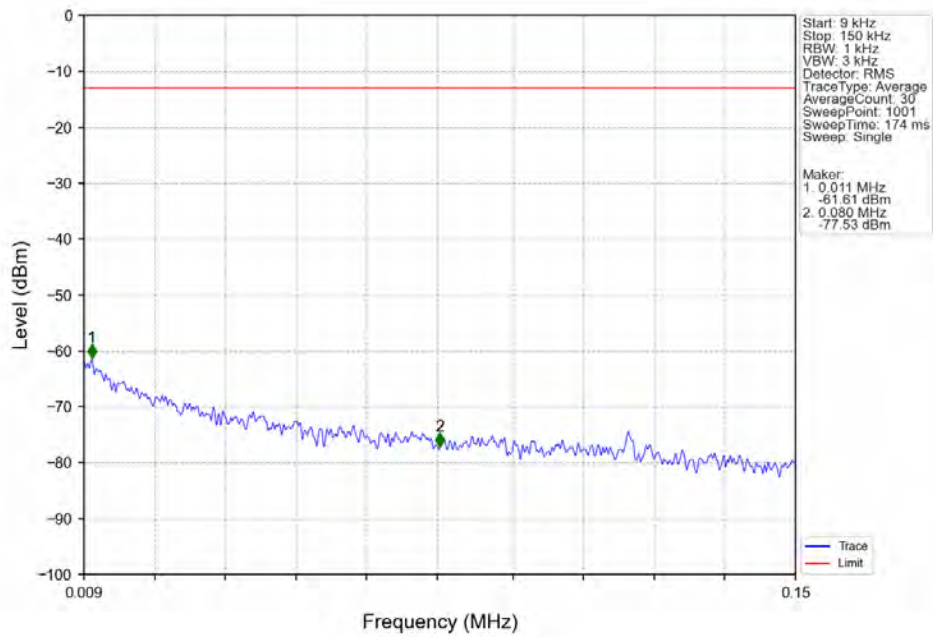


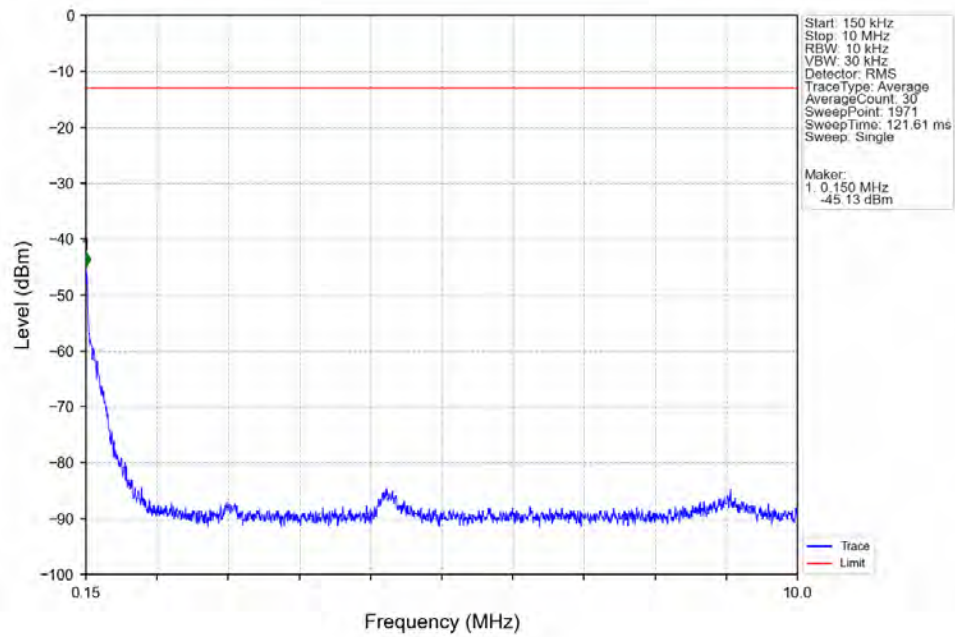
Band12 5MHz 16QAM LCH 701.5MHz RB 1 0 NTV



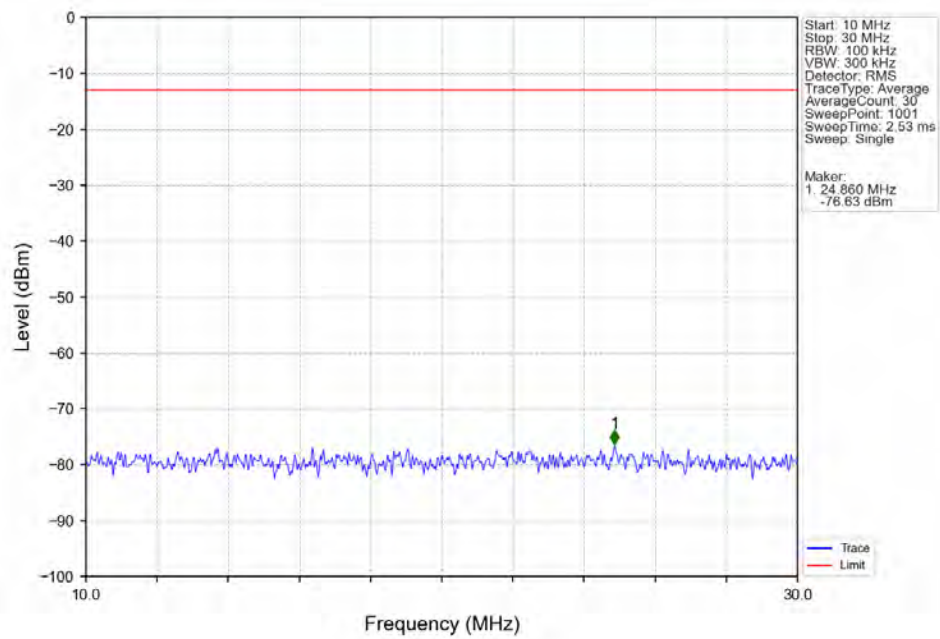
Band12 5MHz 16QAM LCH 701.5MHz RB 1 0 NTV



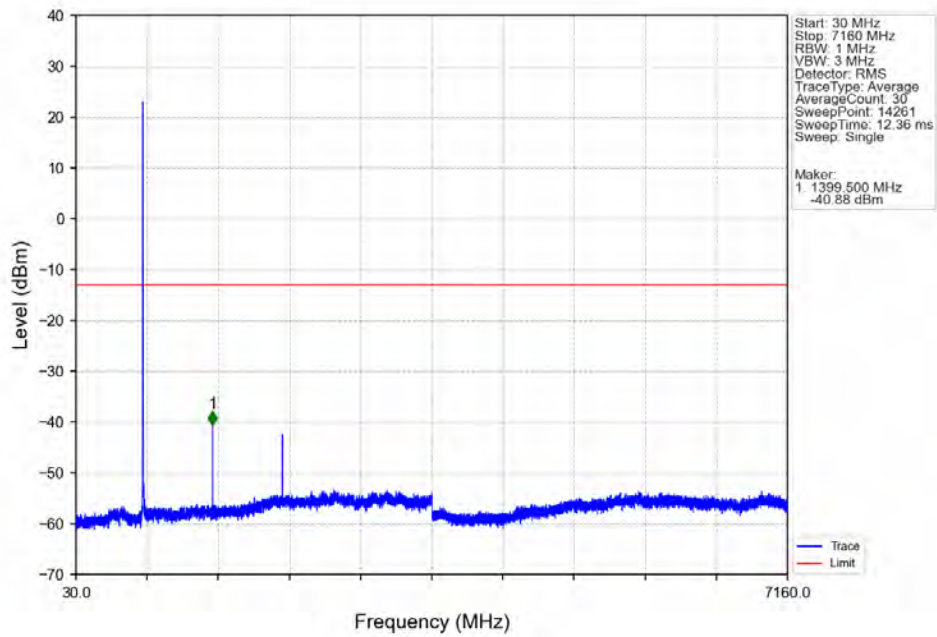
Band12 5MHz 16QAM LCH 701.5MHz RB 1 0 NTNV



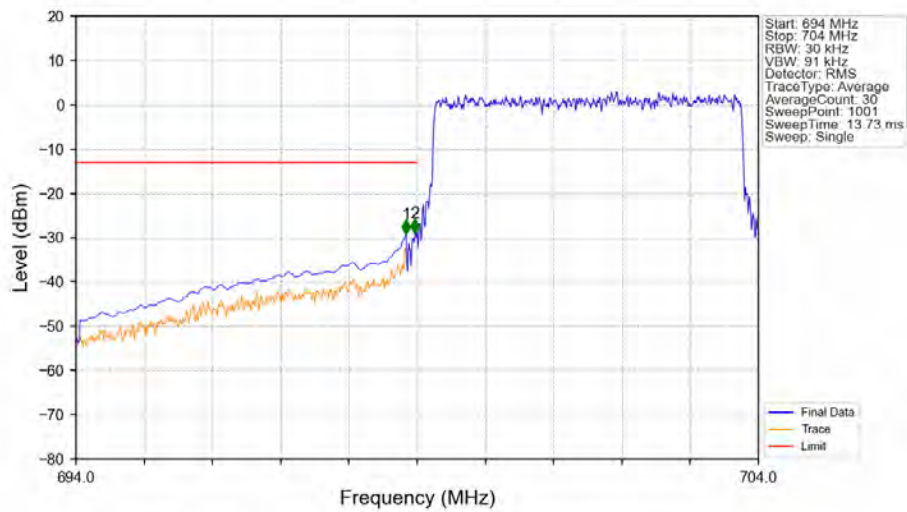
Band12 5MHz 16QAM LCH 701.5MHz RB 1 0 NTNV



Band12 5MHz 16QAM LCH 701.5MHz RB 1 0 NTNV

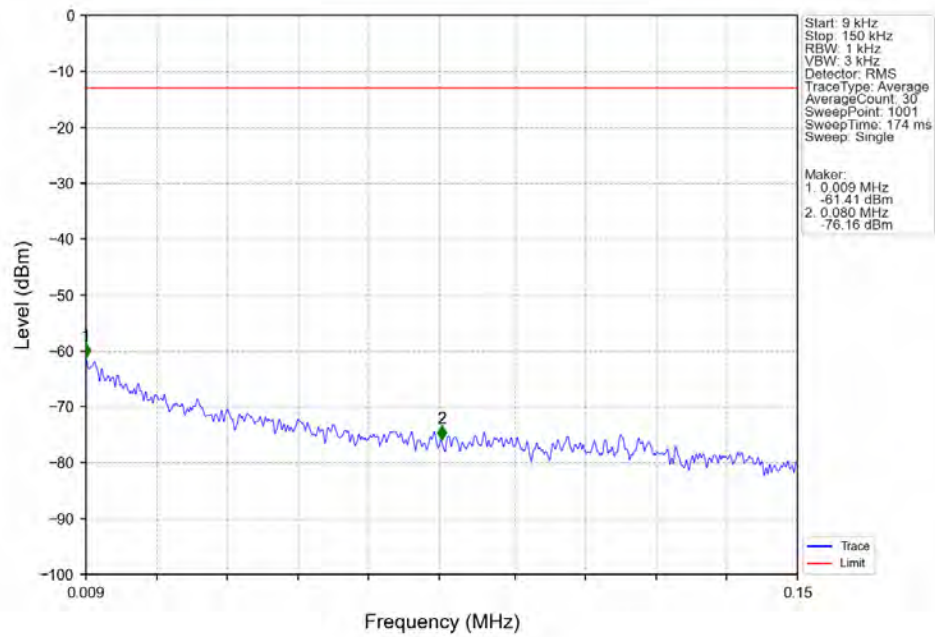


Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTNV

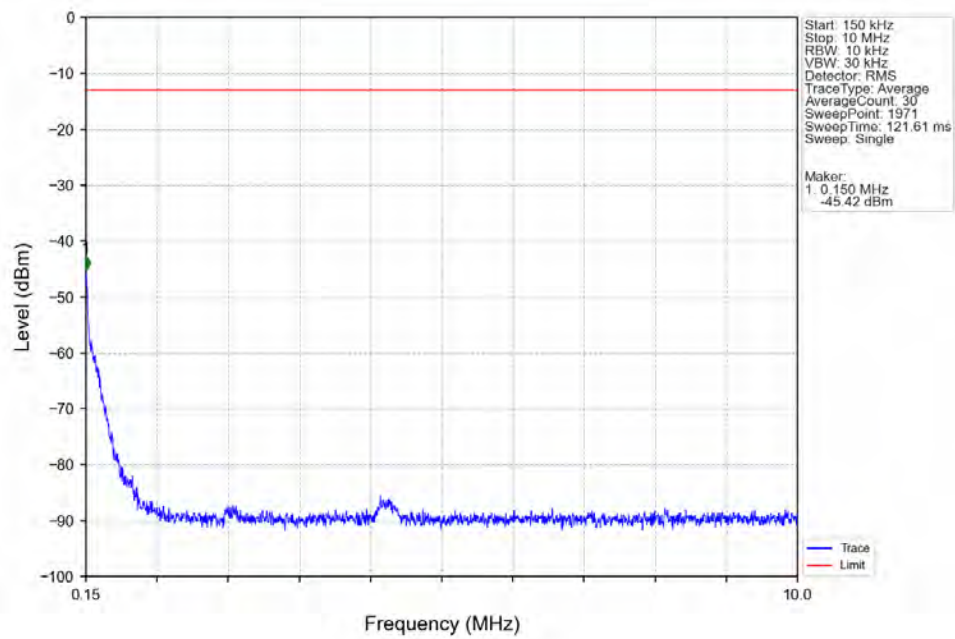


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-29.07	-13	Pass
698.9	699	0.03	/	2	698.970	-28.91	-13	Pass
699	704	0.03	/	/	/	/	/	/

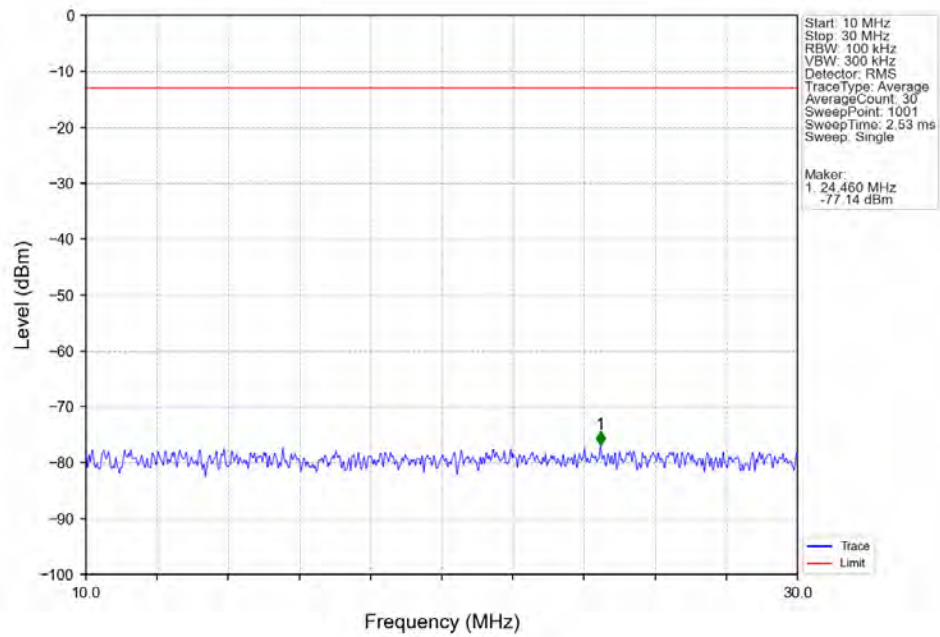
Band12 5MHz 16QAM MCH 707.5MHz RB 1 0 NTV



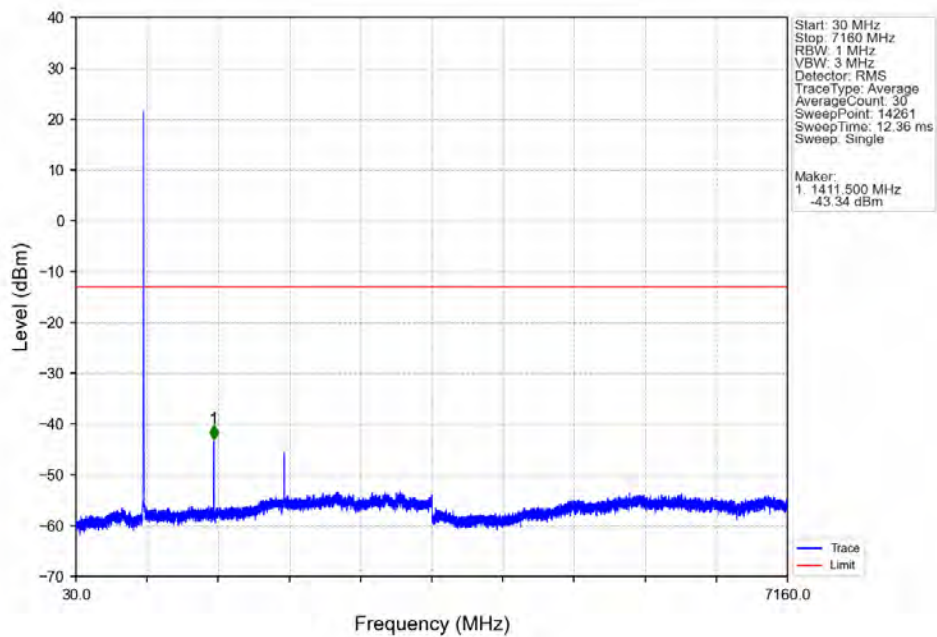
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTV



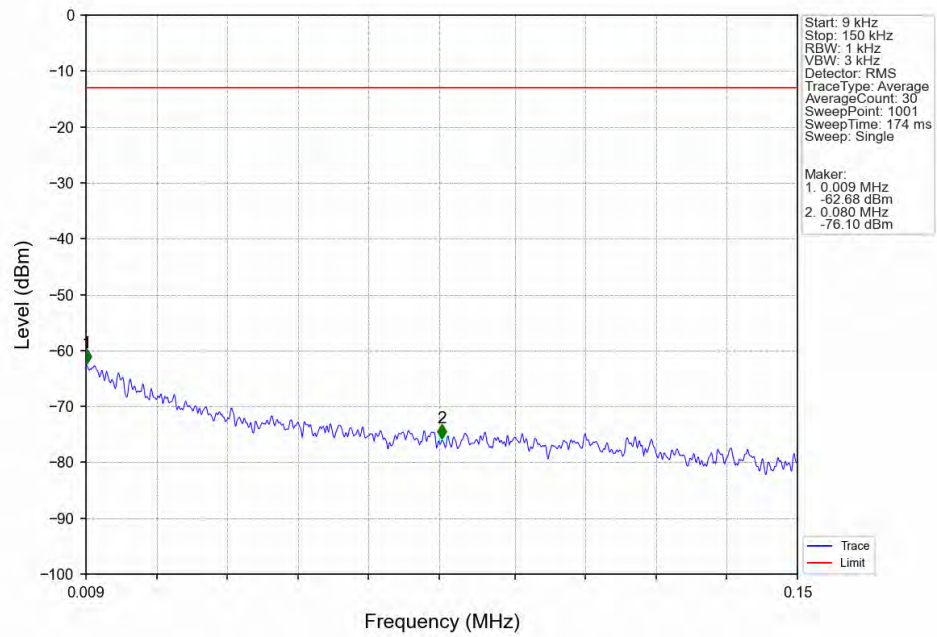
Band12 5MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



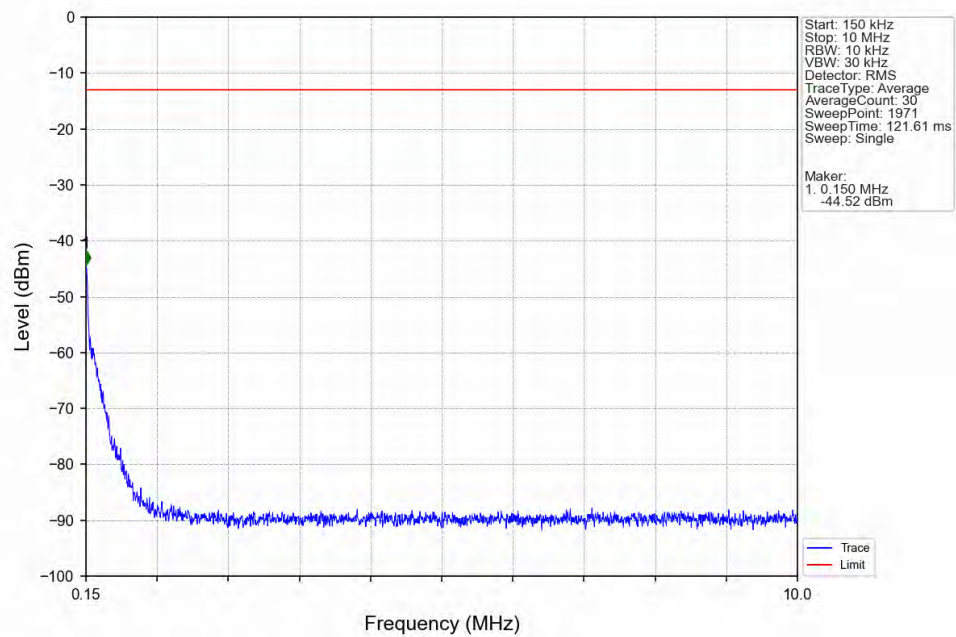
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



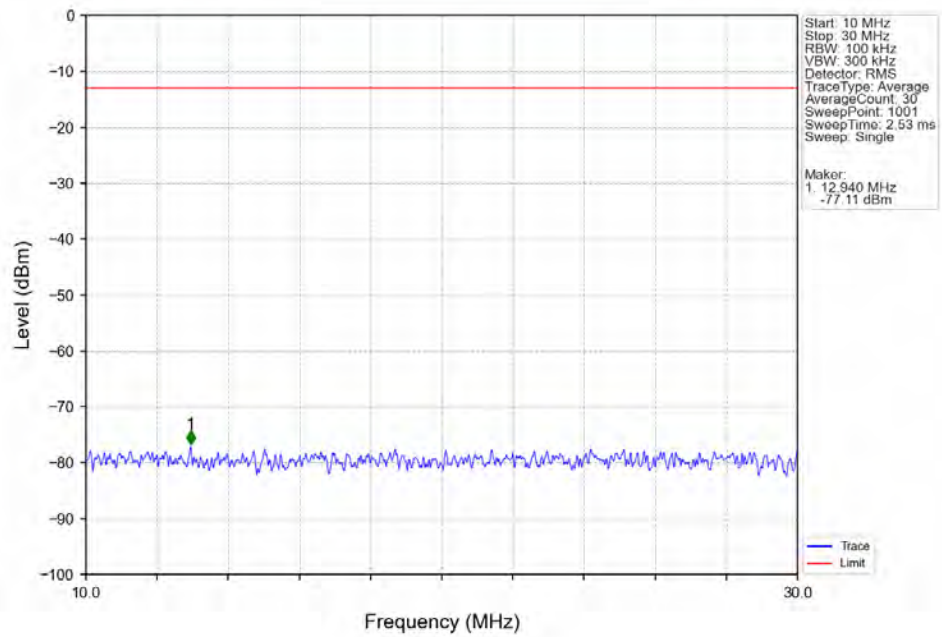
Band12 5MHz 16QAM HCH 713.5MHz RB 1 0 NTNV



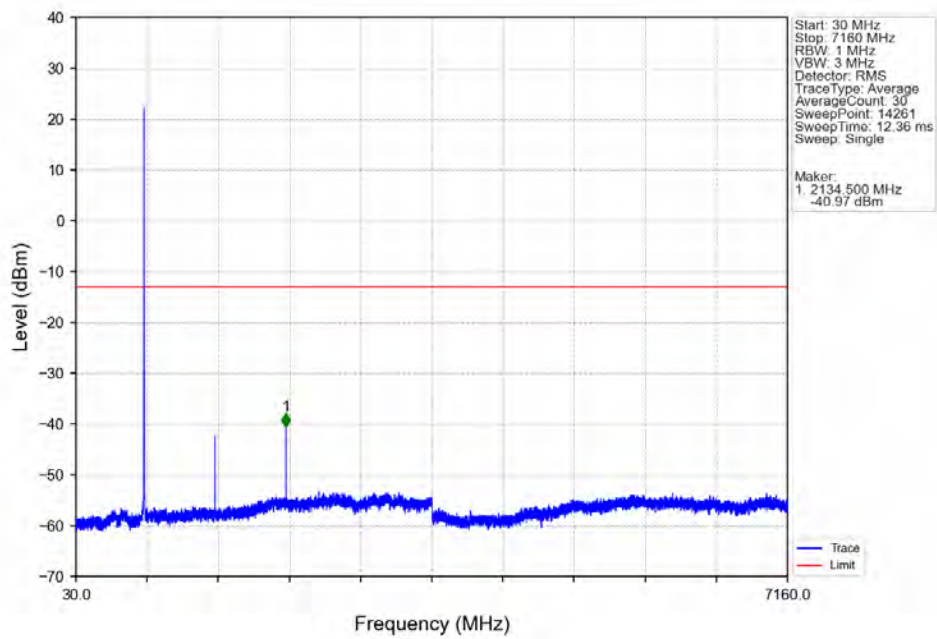
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



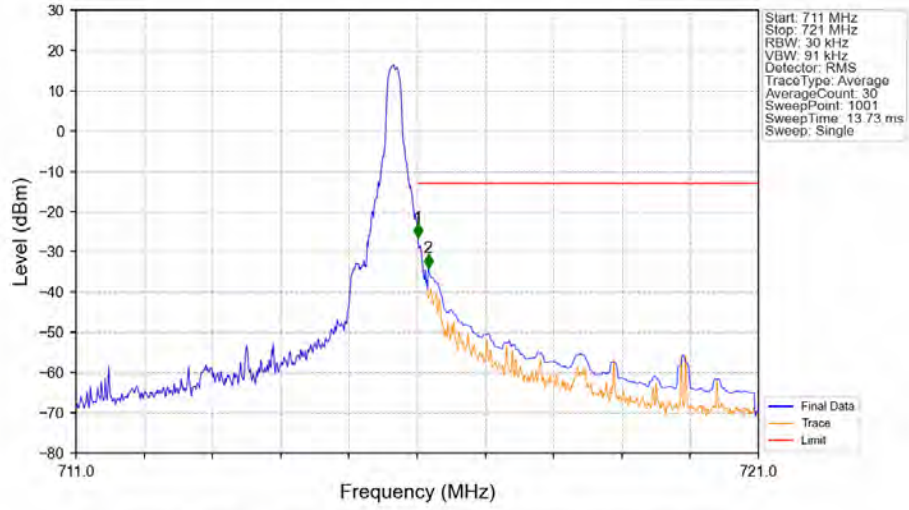
Band12 5MHz 16QAM HCH 713.5MHz RB 1 0 NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

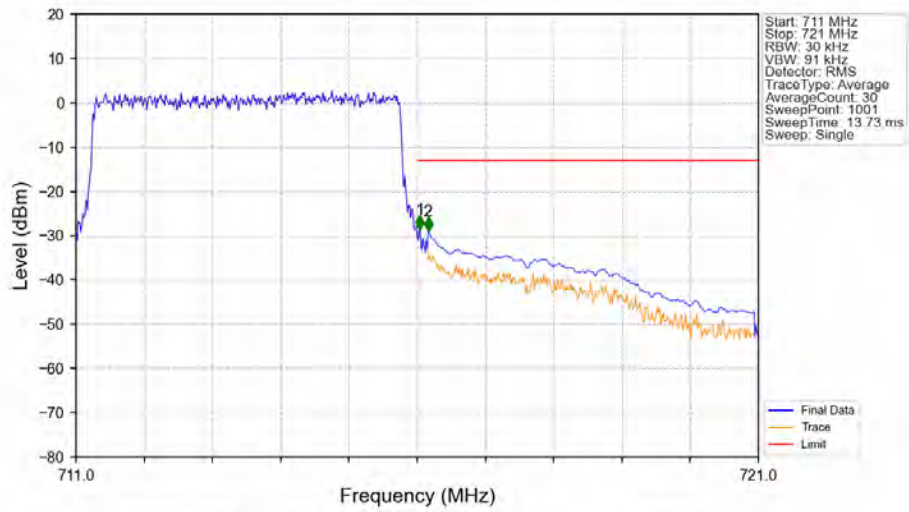


Band12 5MHz 16QAM HCH 713.5MHz RB 1 24 NTNV



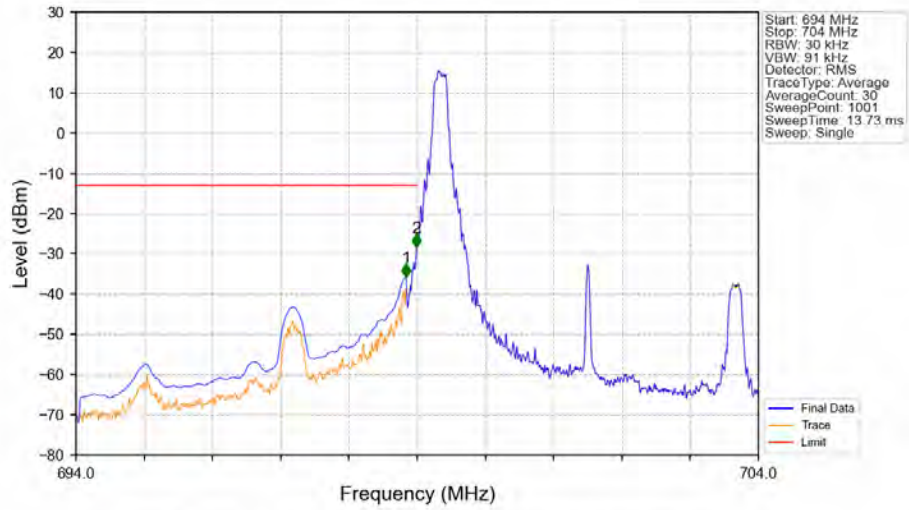
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-26.38	-13	Pass
716.1	721	0.1	CHP	2	716.160	-33.96	-13	Pass

Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



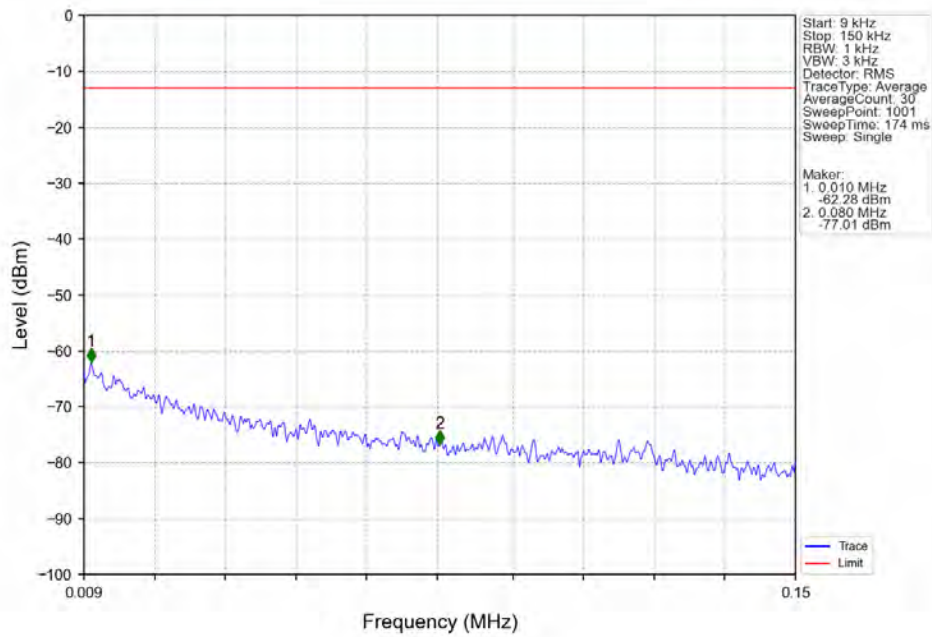
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.040	-28.52	-13	Pass
716.1	721	0.1	CHP	2	716.160	-28.98	-13	Pass

Band12 5MHz 64QAM LCH 701.5MHz RB 1 0 NTV

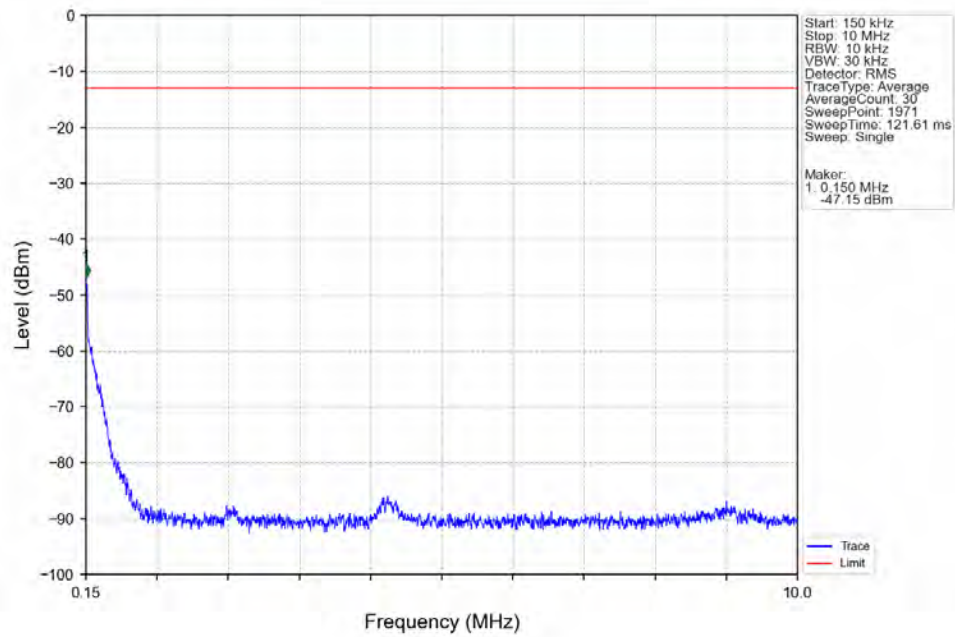


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-35.84	-13	Pass
698.9	699	0.03	/	2	698.990	-28.47	-13	Pass
699	704	0.03	/	/	/	/	/	/

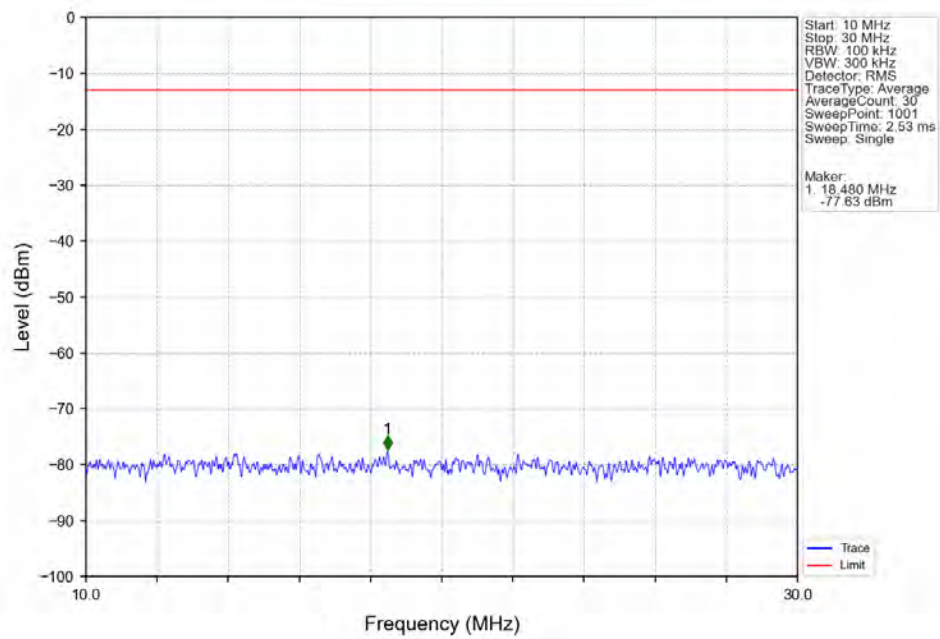
Band12 5MHz 64QAM LCH 701.5MHz RB 1 0 NTV



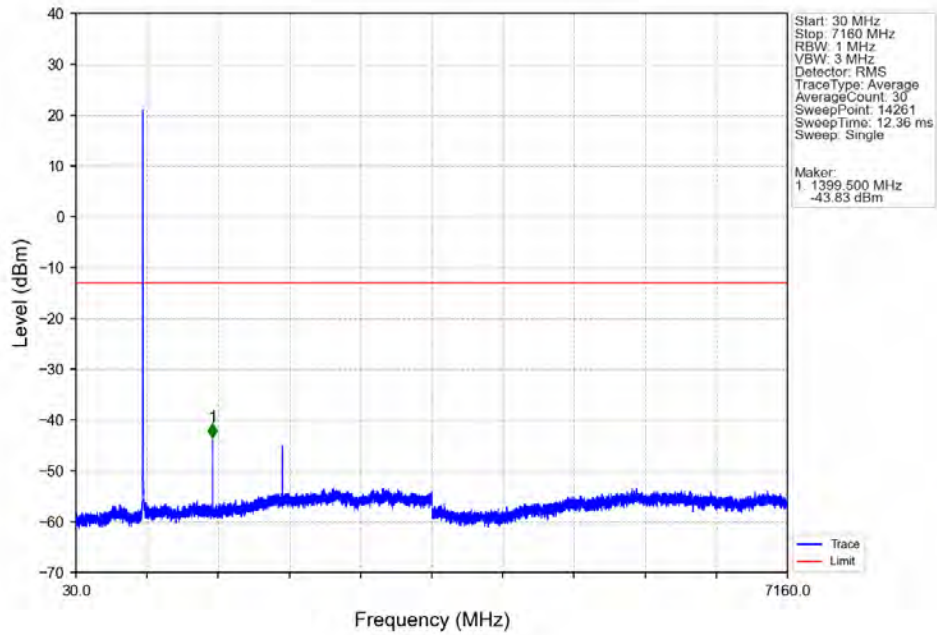
Band12 5MHz 64QAM LCH 701.5MHz RB 1 0 NTV



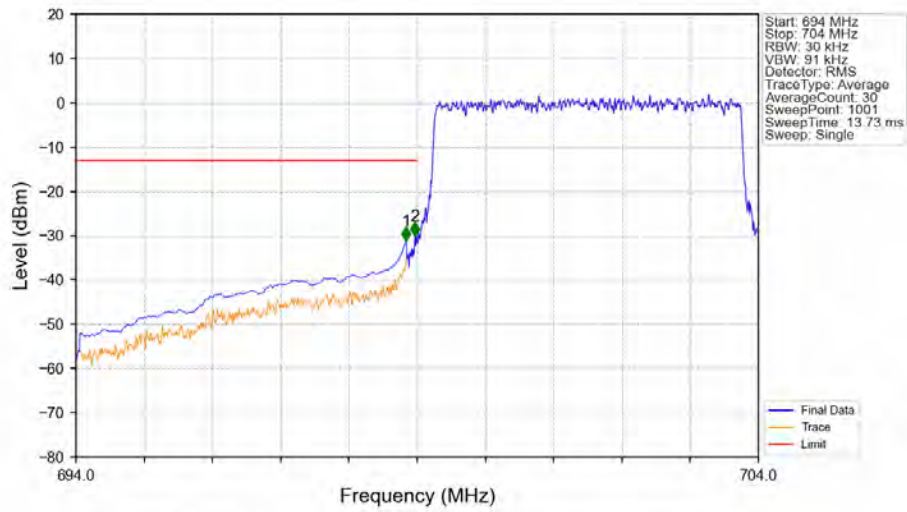
Band12 5MHz 64QAM LCH 701.5MHz RB 1 0 NTV



Band12_5MHz_64QAM_LCH_701.5MHz_RB_1_0_NTNV

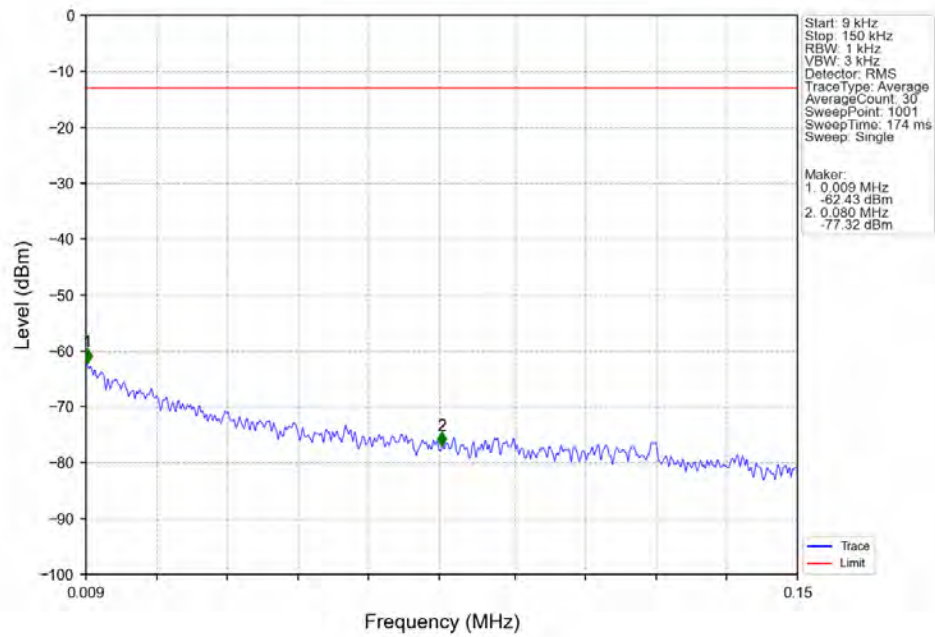


Band12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV

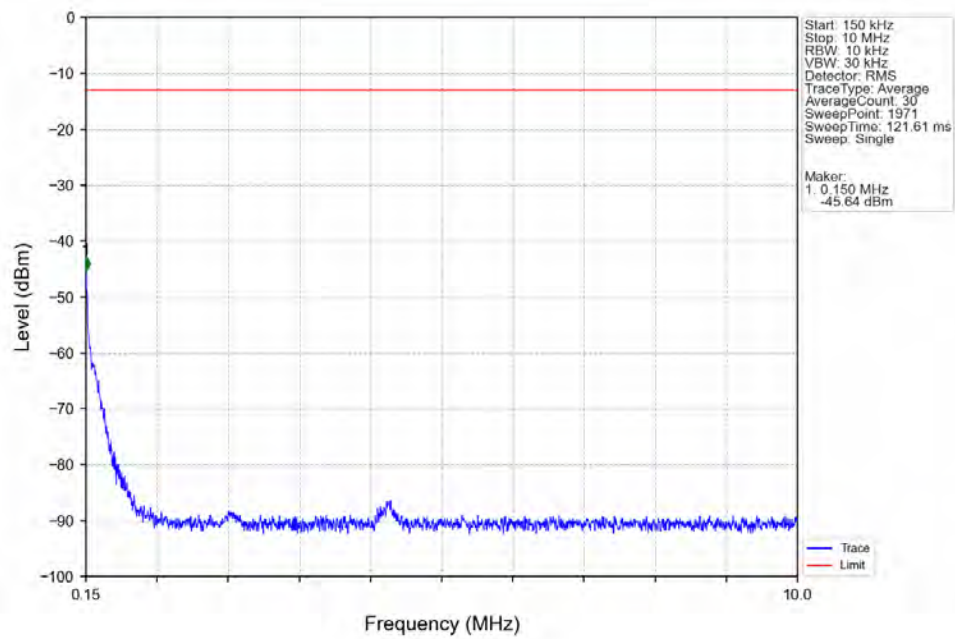


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-31.17	-13	Pass
698.9	699	0.03	/	2	698.970	-30.01	-13	Pass
699	704	0.03	/	/	/	/	/	/

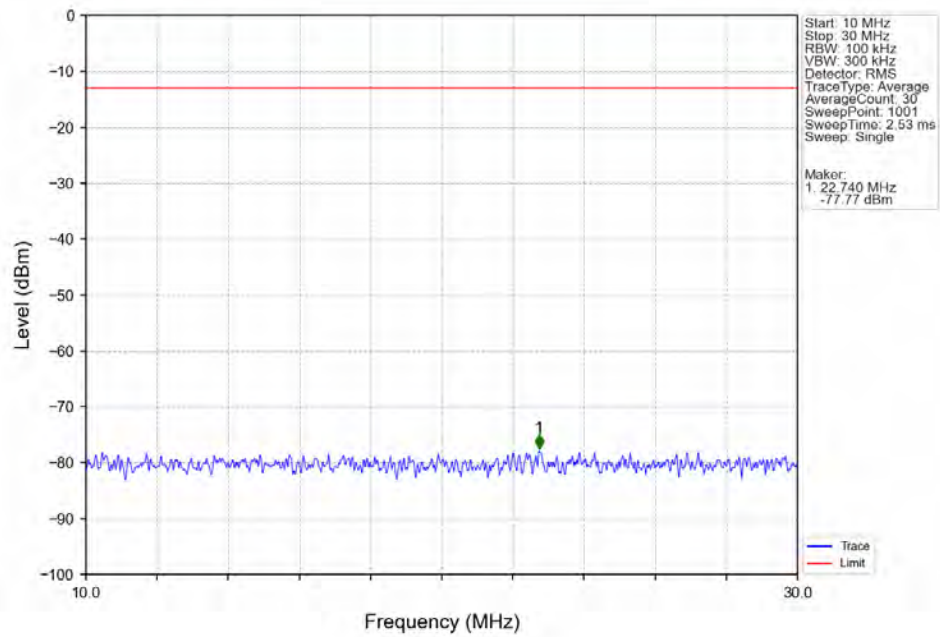
Band12 5MHz 64QAM MCH 707.5MHz RB 1 0 NTV



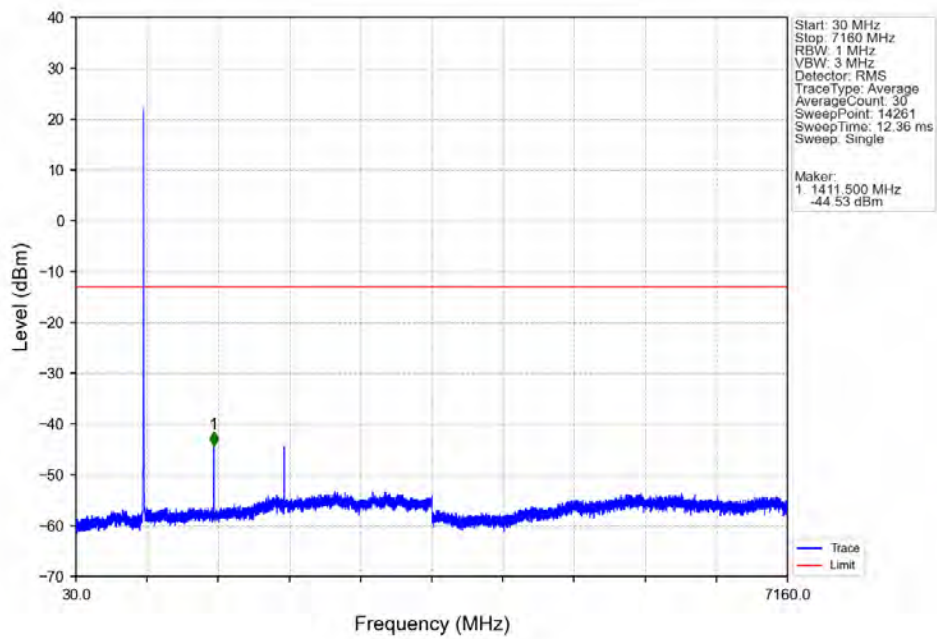
Band12_5MHz_64QAM_MCH_707.5MHz_RB_1_0_NTV



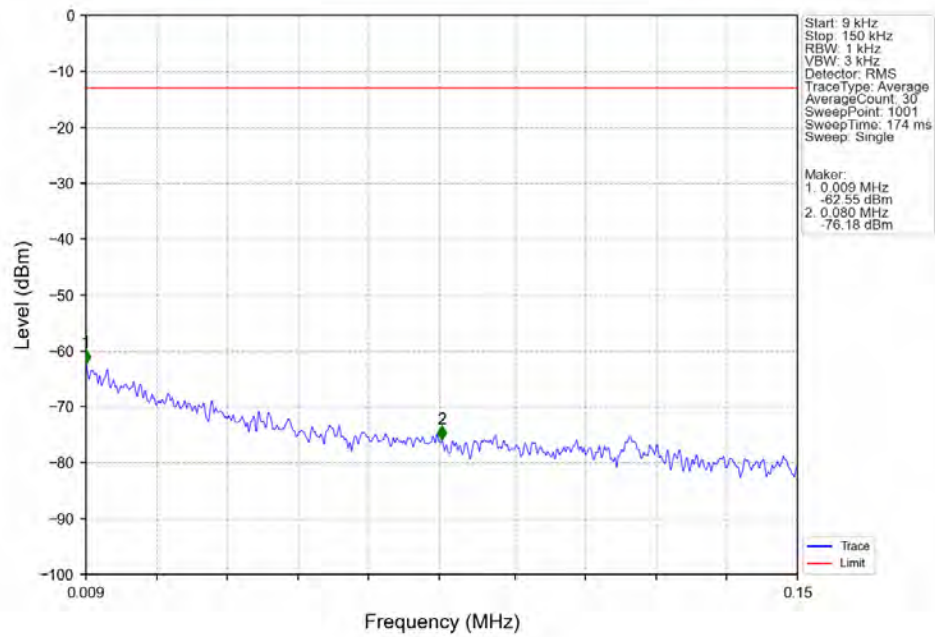
Band12 5MHz 64QAM MCH 707.5MHz RB 1 0 NTNV



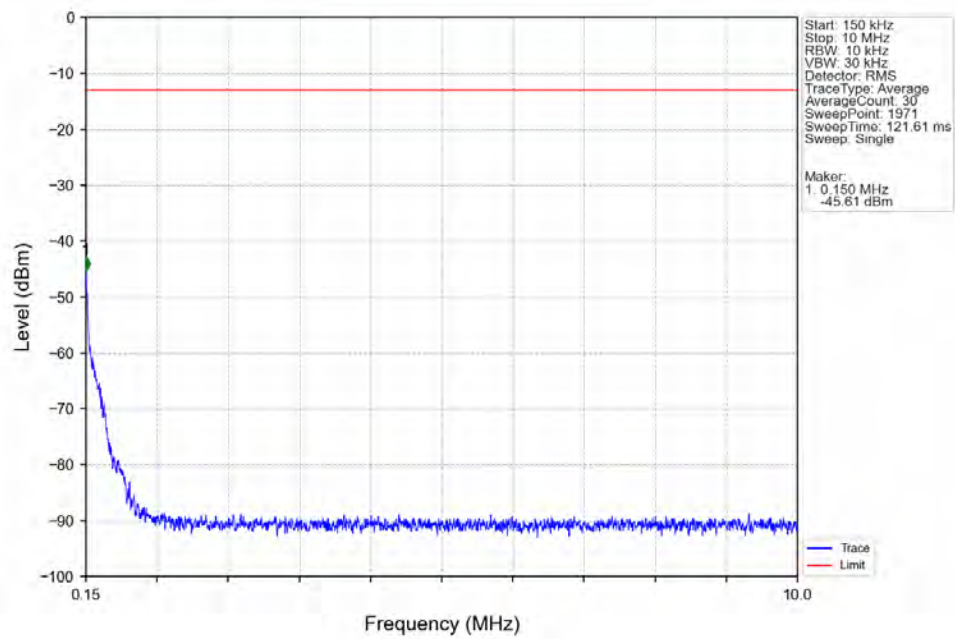
Band12_5MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



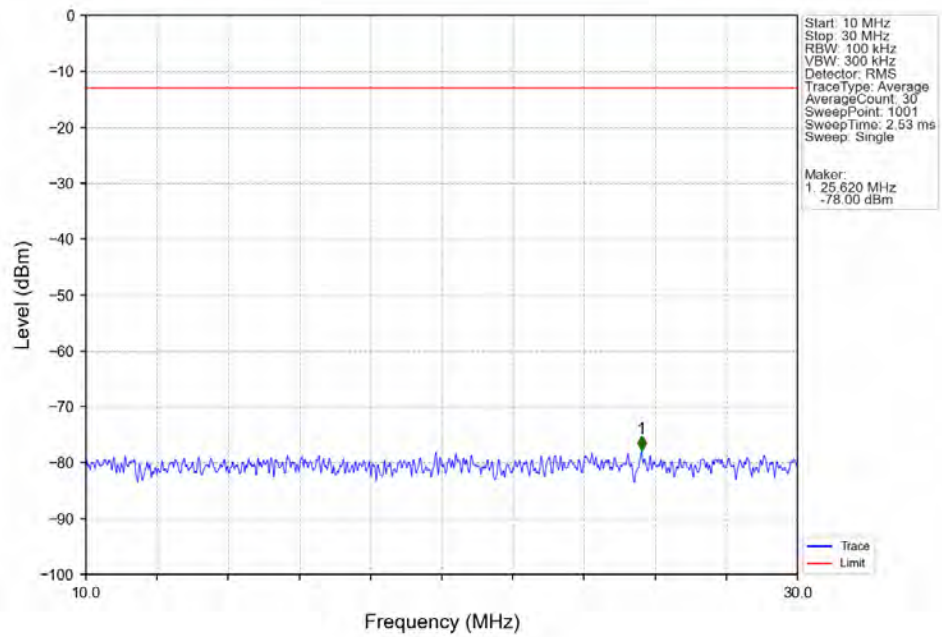
Band12 5MHz 64QAM HCH 713.5MHz RB 1 0 NTNV



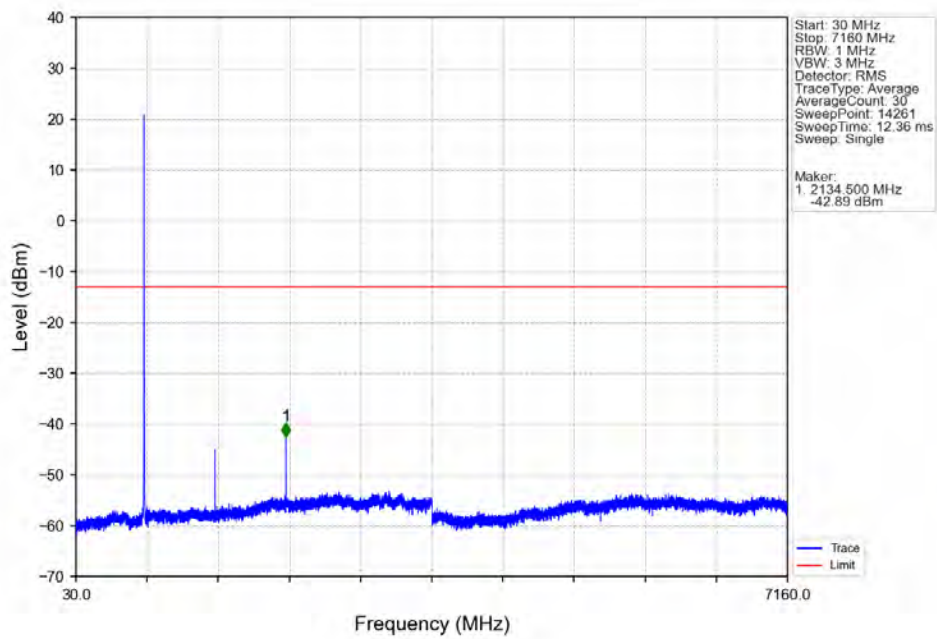
Band12_5MHz_64QAM_HCH_713.5MHz_RB_1_0_NTNV



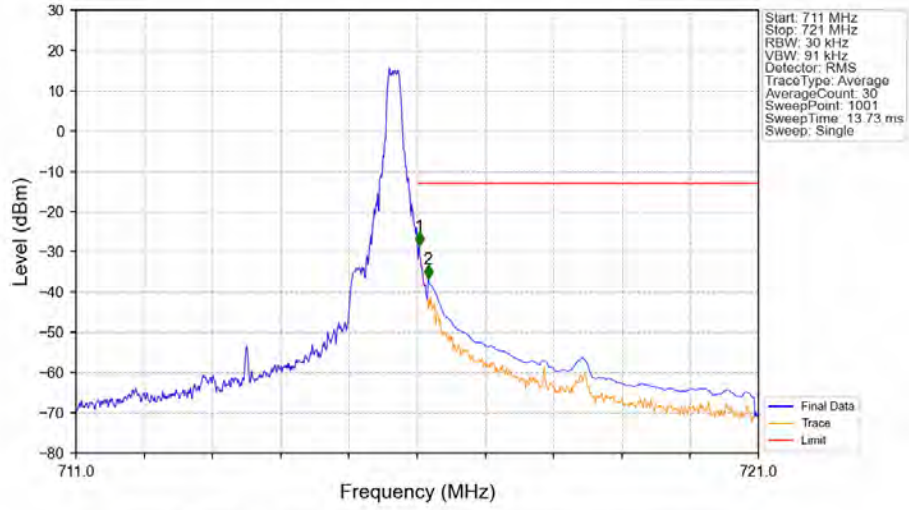
Band12 5MHz 64QAM HCH 713.5MHz RB 1 0 NTNV



Band12_5MHz_64QAM_HCH_713.5MHz_RB_1_0_NTNV

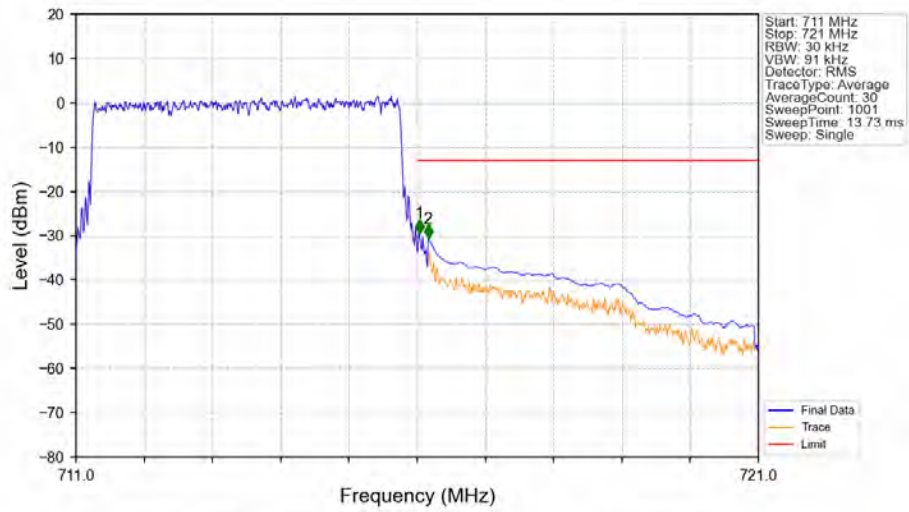


Band12 5MHz 64QAM HCH 713.5MHz RB 1 24 NTNV



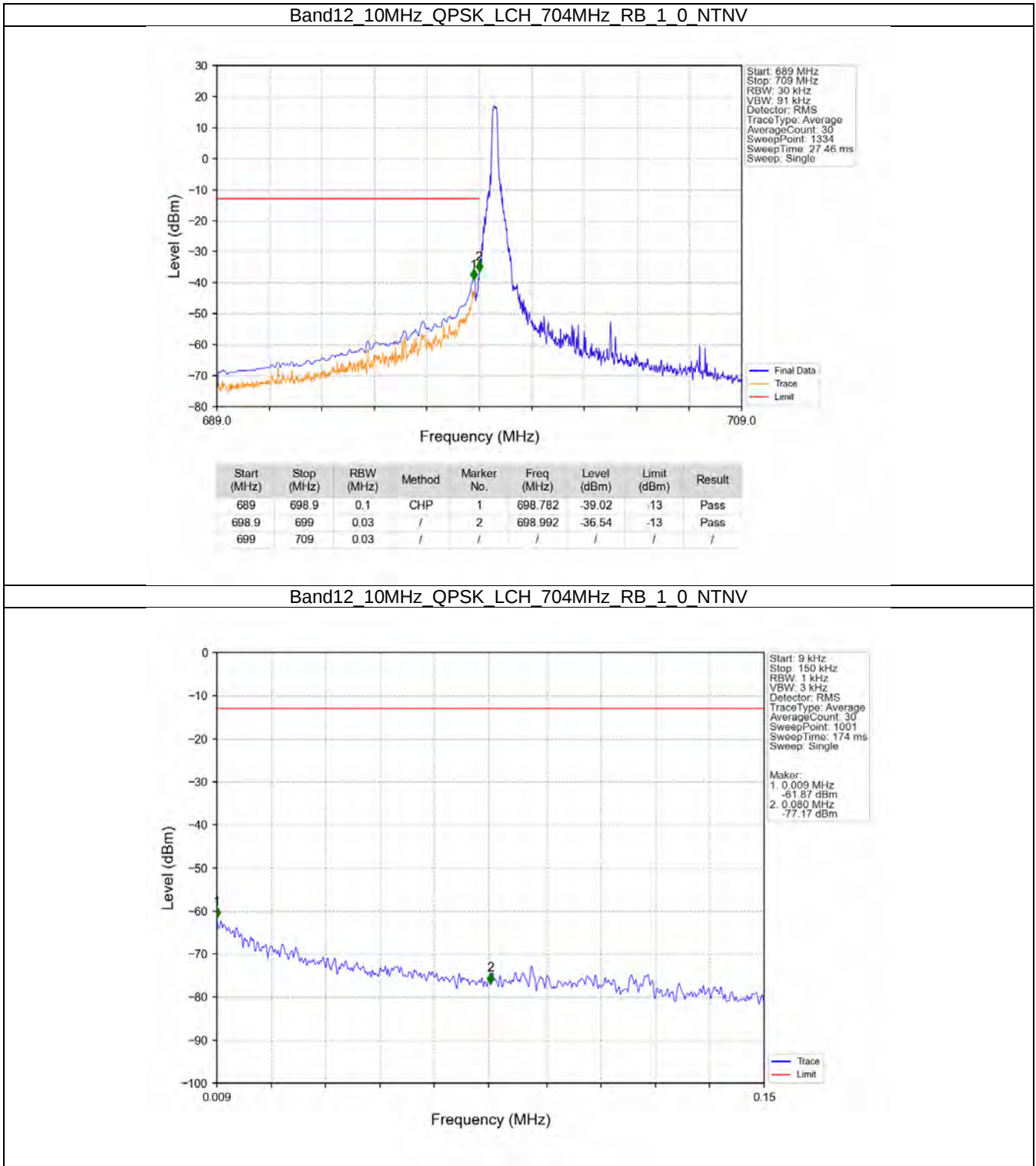
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-28.53	-13	Pass
716.1	721	0.1	CHP	2	716.160	-36.71	-13	Pass

Band12 5MHz 64QAM HCH 713.5MHz RB 25 0 NTNV

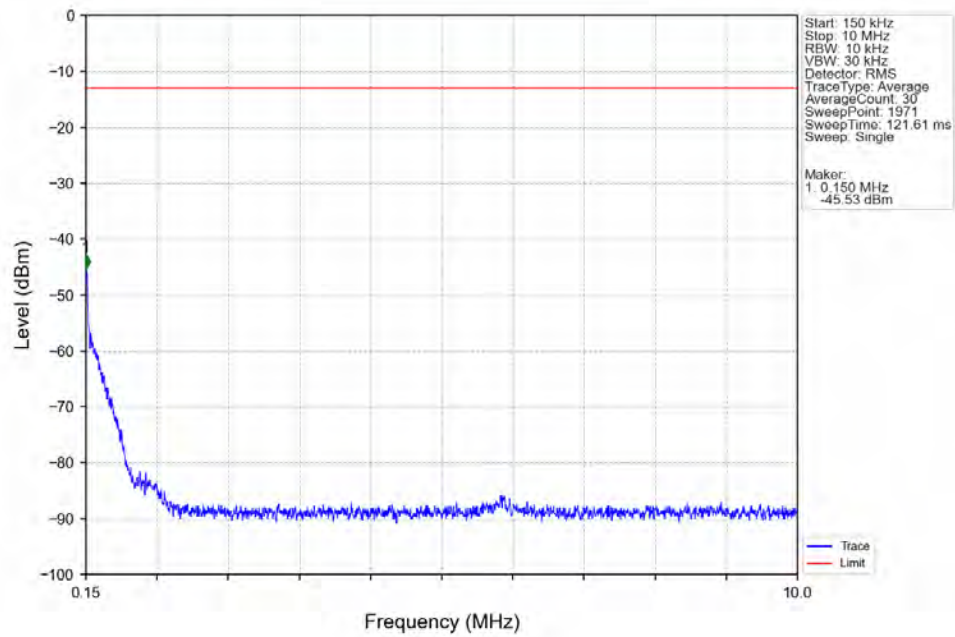


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-29.40	-13	Pass
716.1	721	0.1	CHP	2	716.160	-30.51	-13	Pass

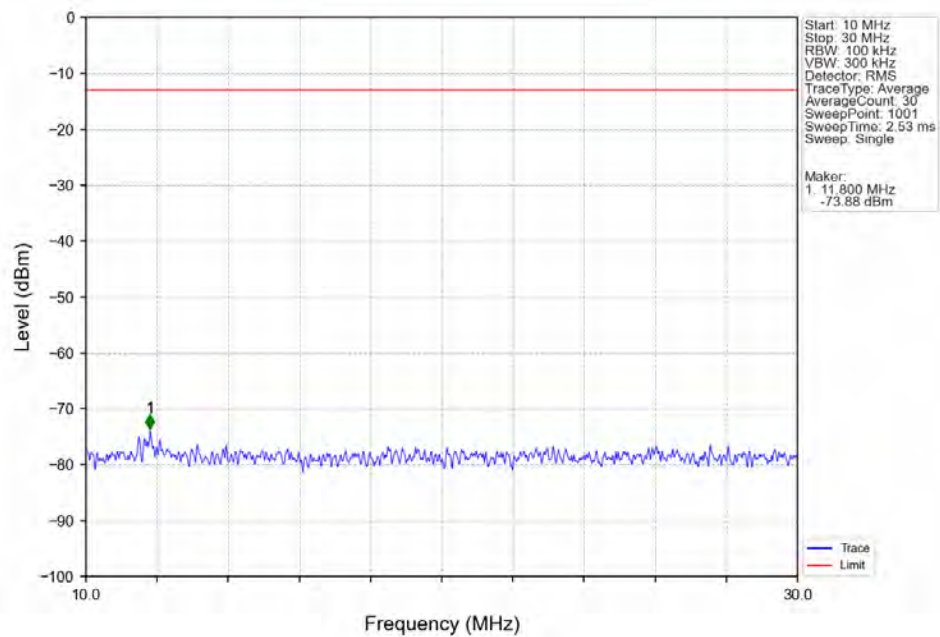
5.2.4 B12_10MHz



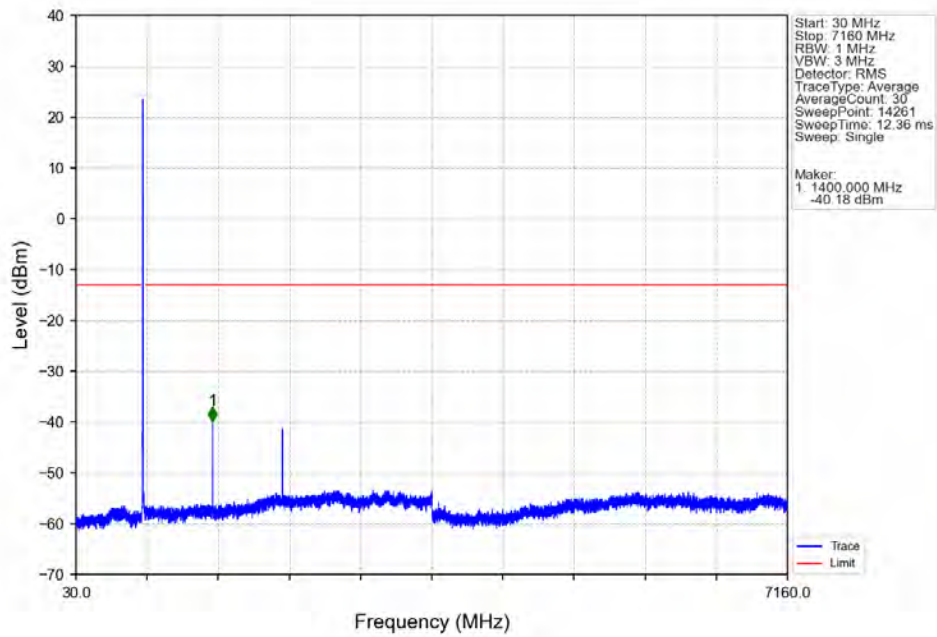
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



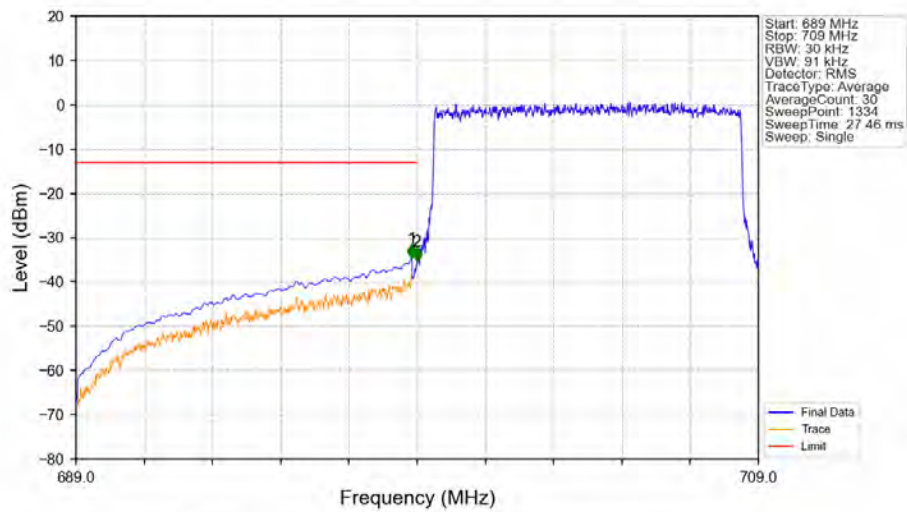
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

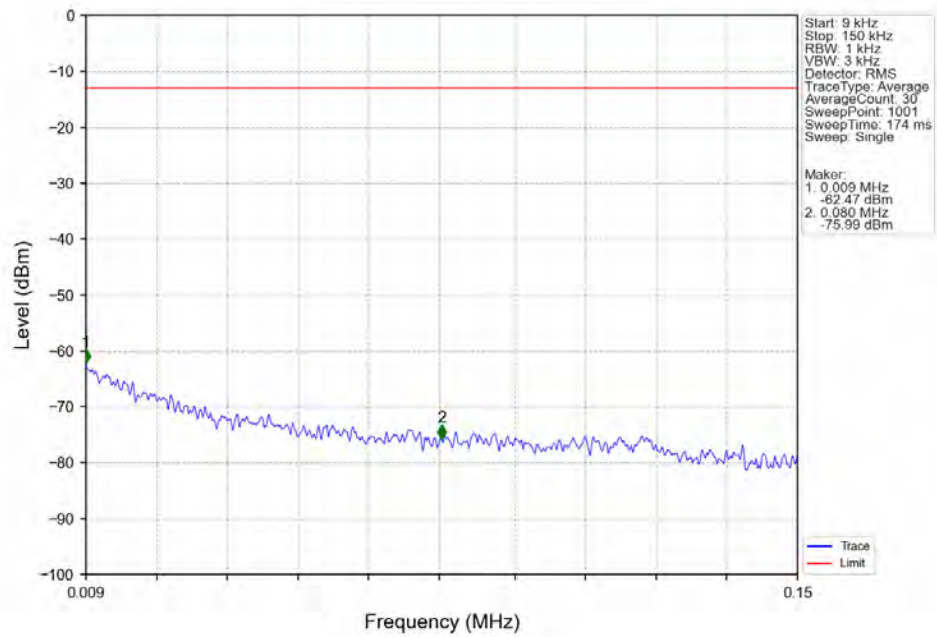


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

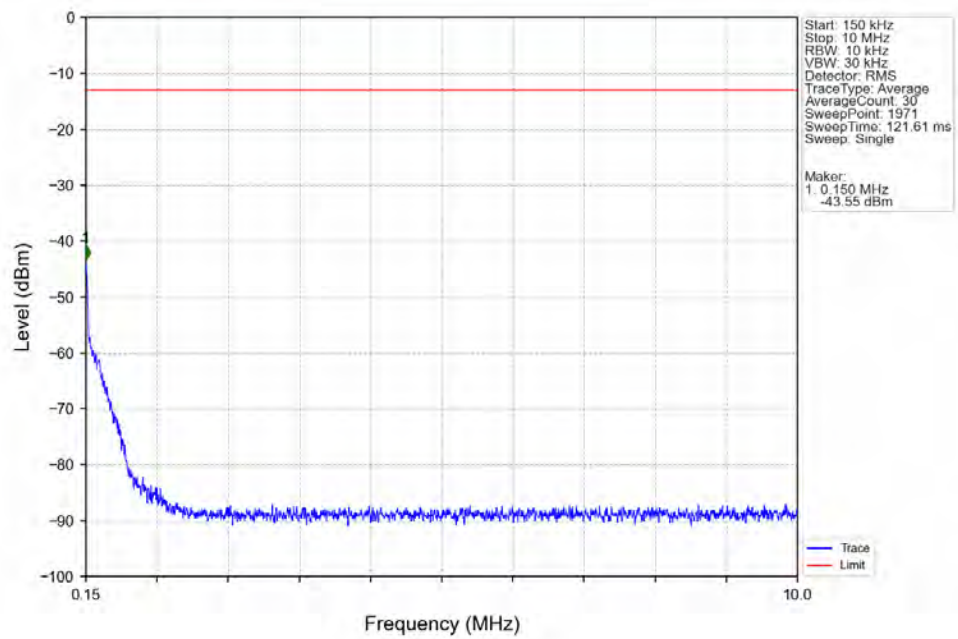


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-34.58	-13	Pass
698.9	699	0.03	/	2	698.992	-35.27	-13	Pass
699	709	0.03	/	/	/	/	/	/

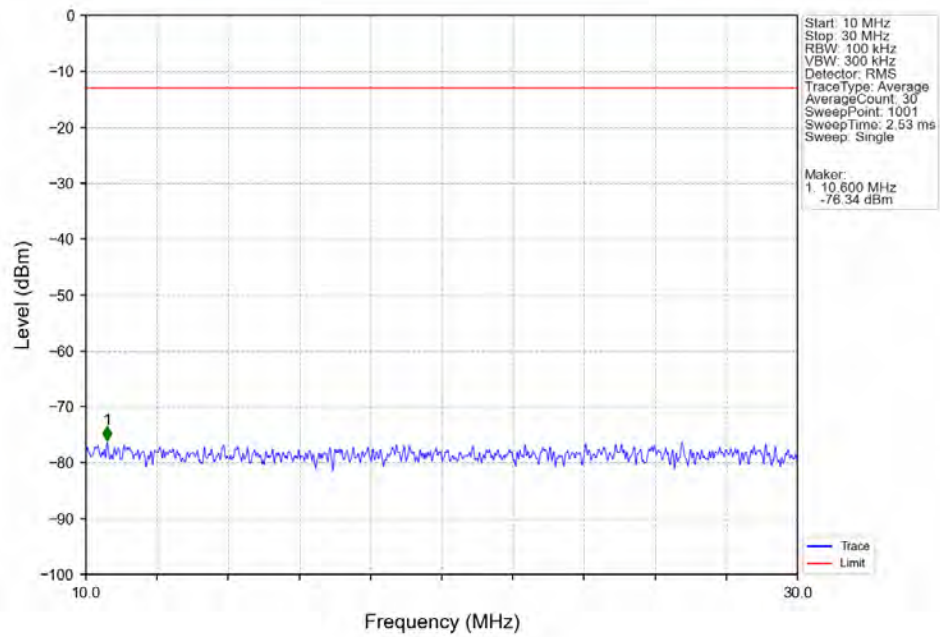
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



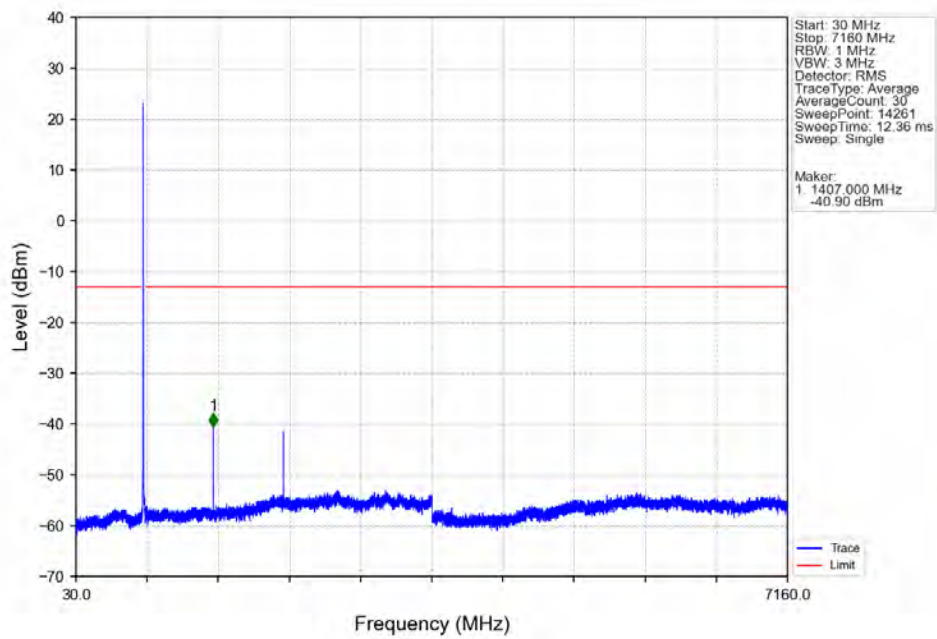
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



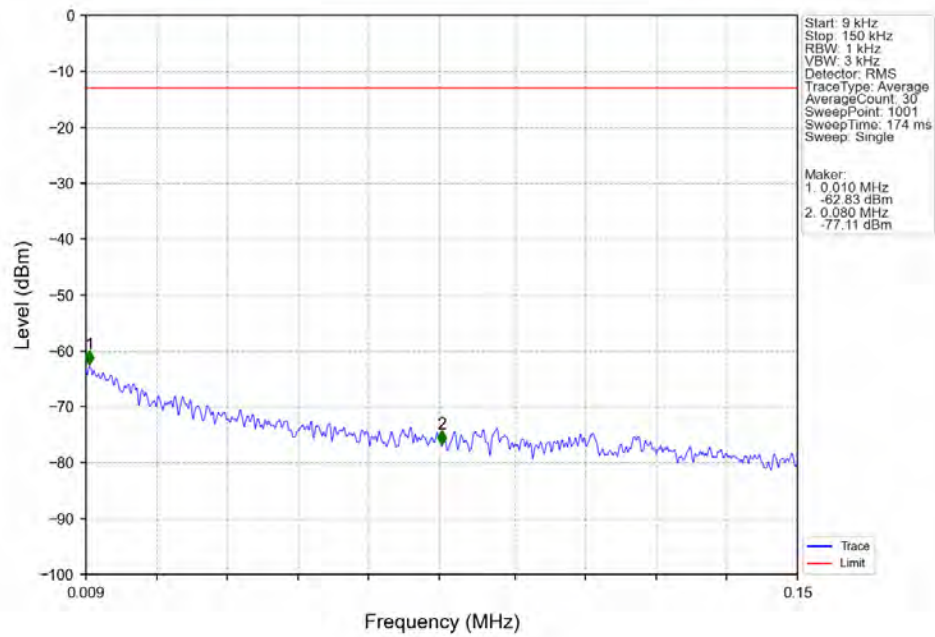
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



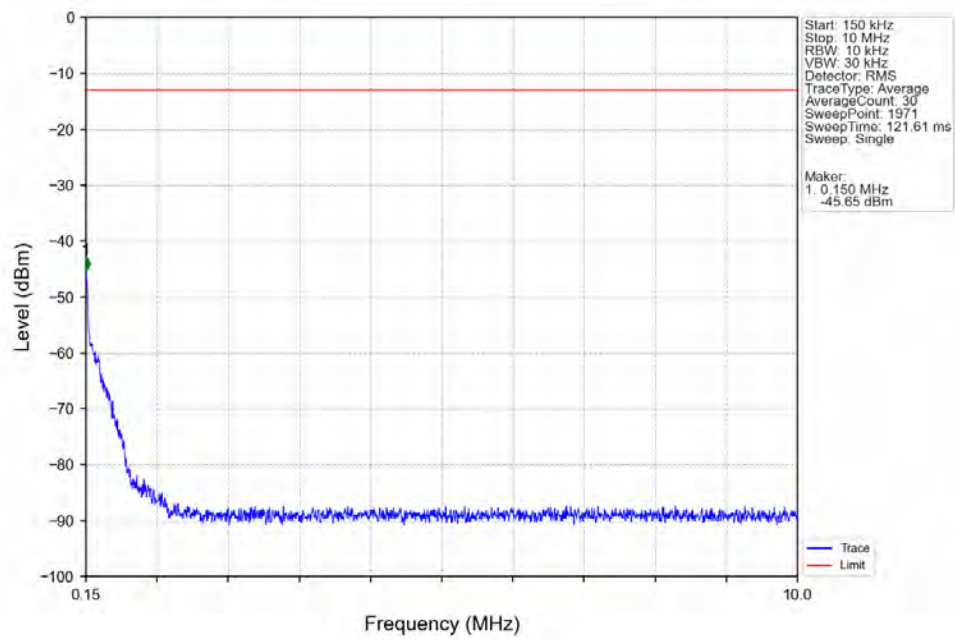
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



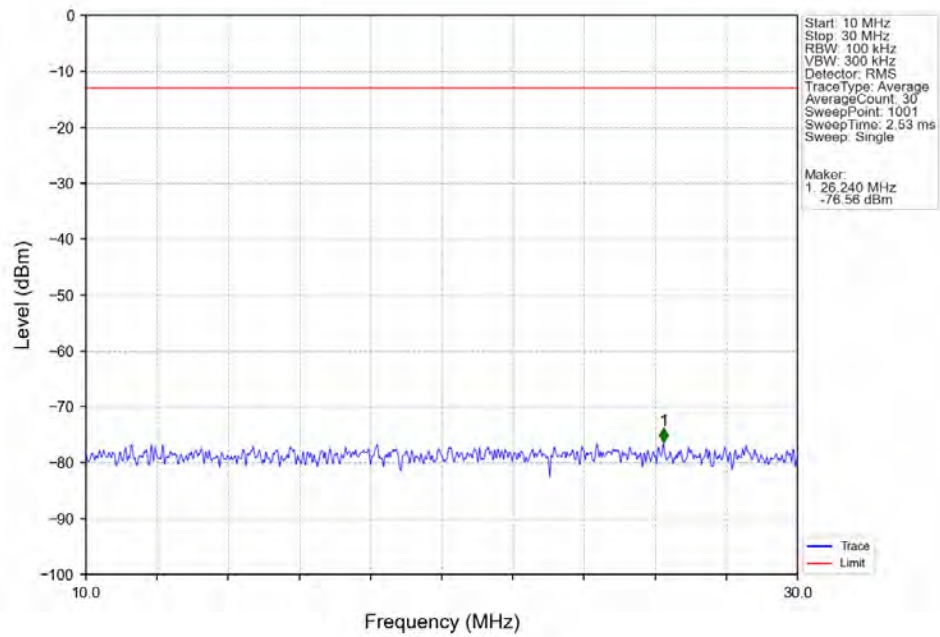
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



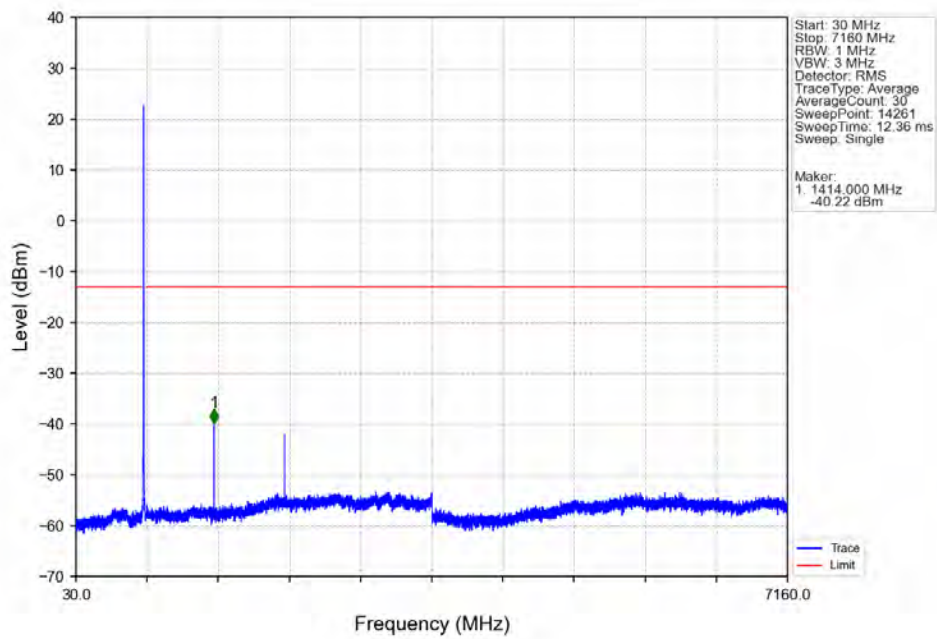
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



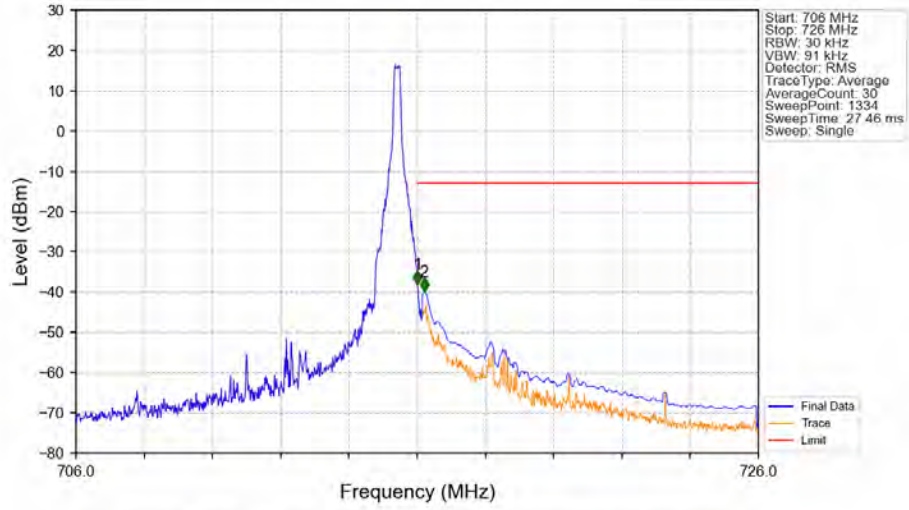
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

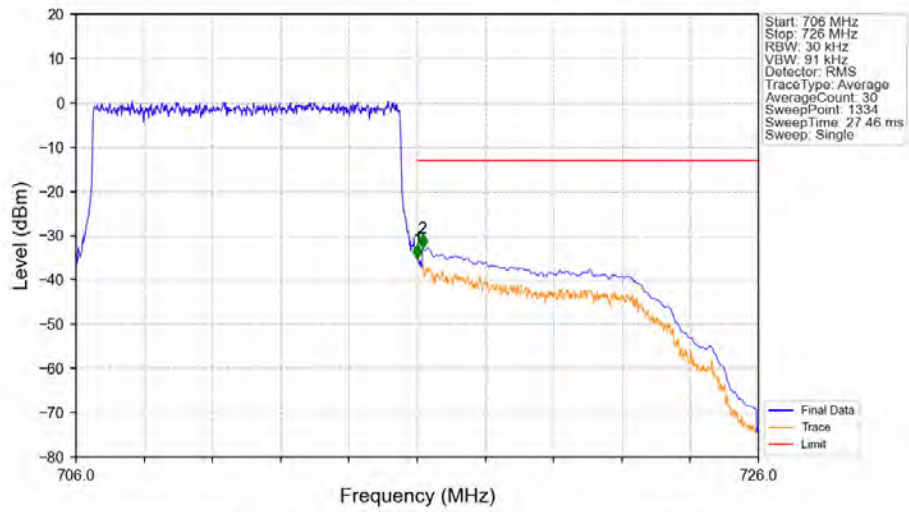


Band12 10MHz QPSK HCH 711MHz RB 1 49 NTV



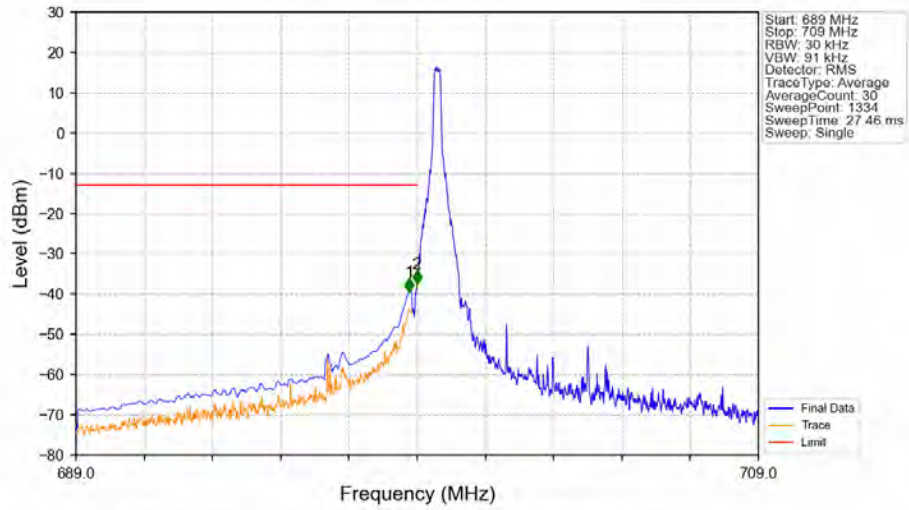
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-37.99	-13	Pass
716.1	726	0.1	CHP	2	716.203	-39.78	-13	Pass

Band12 10MHz QPSK HCH 711MHz RB 50_0 NTV



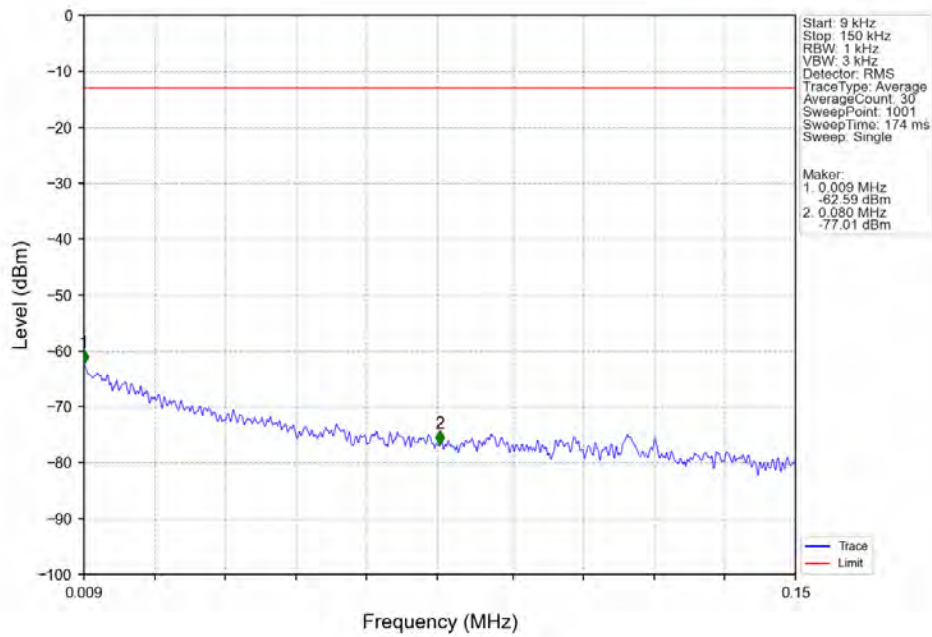
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-35.13	-13	Pass
716.1	726	0.1	CHP	2	716.158	-32.77	-13	Pass

Band12 10MHz 16QAM LCH 704MHz RB 1 0 NTNV

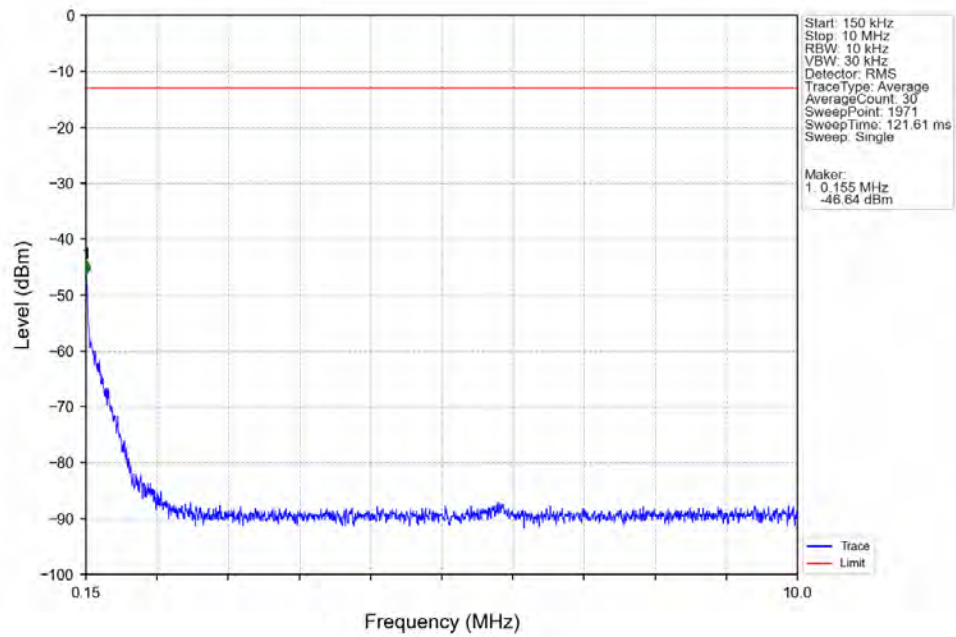


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.767	-39.44	-13	Pass
698.9	699	0.03	/	2	698.992	-37.40	-13	Pass
699	709	0.03	/	/	/	/	/	/

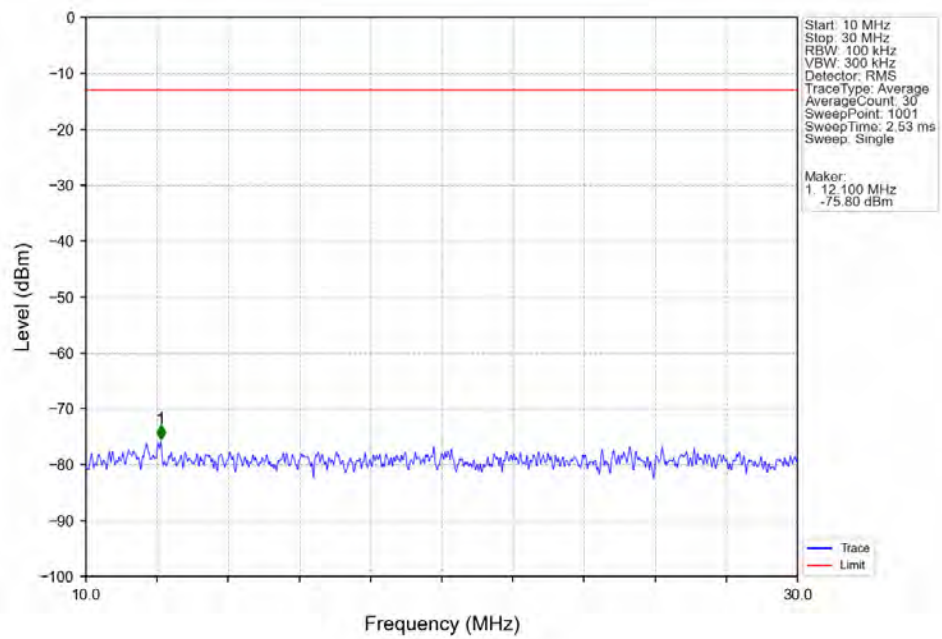
Band12 10MHz 16QAM LCH 704MHz RB 1 0 NTNV



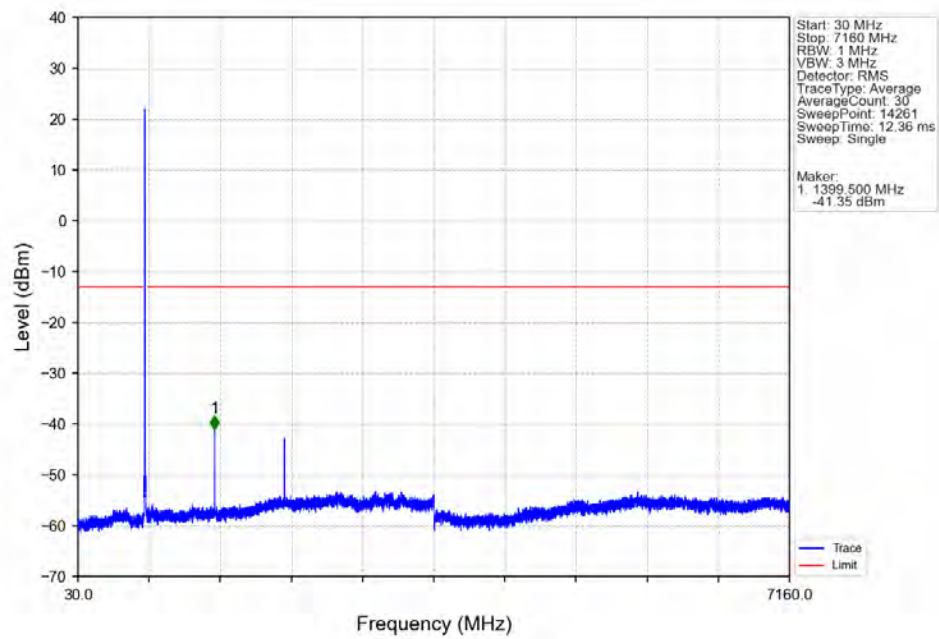
Band12 10MHz 16QAM LCH 704MHz RB 1 0 NTNV



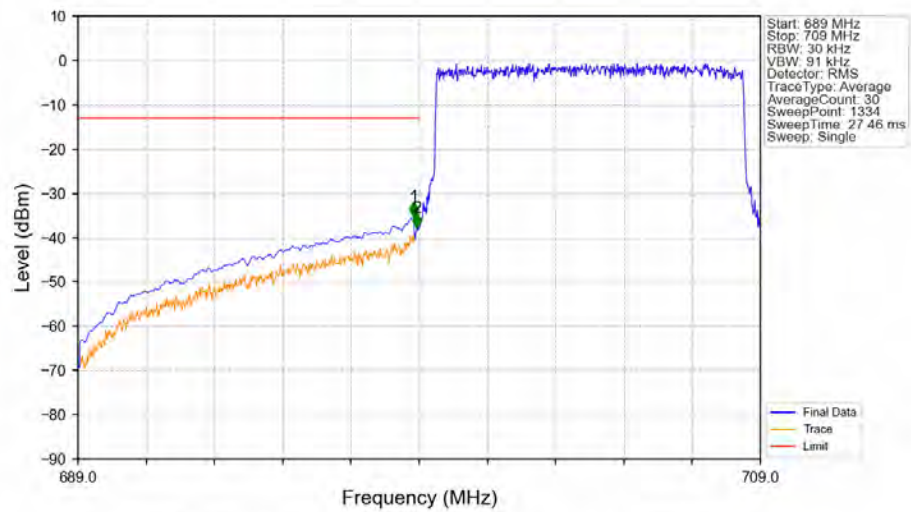
Band12 10MHz 16QAM LCH 704MHz RB 1 0 NTNV



Band12 10MHz 16QAM LCH 704MHz RB 1 0 NTNV

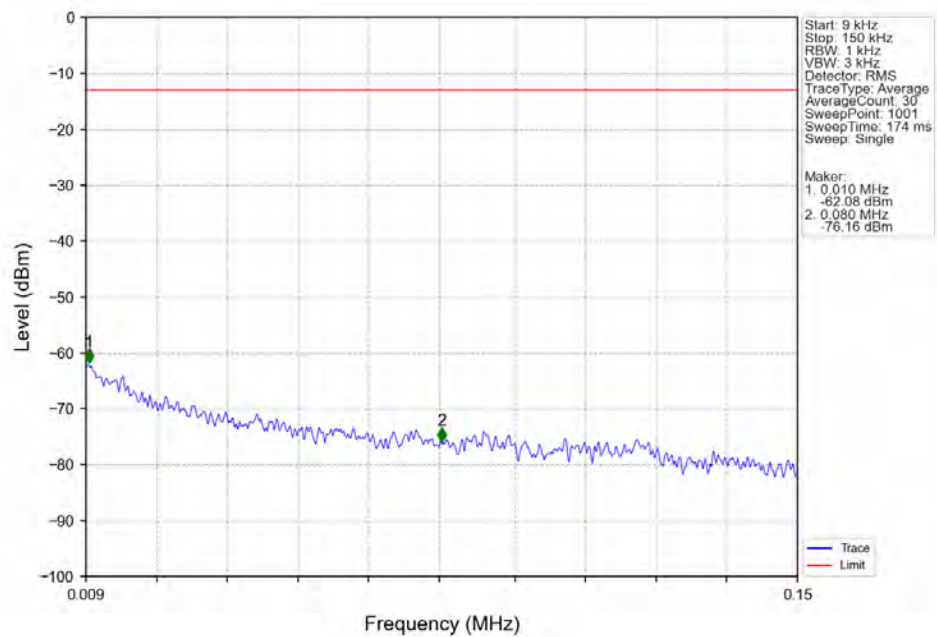


Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV

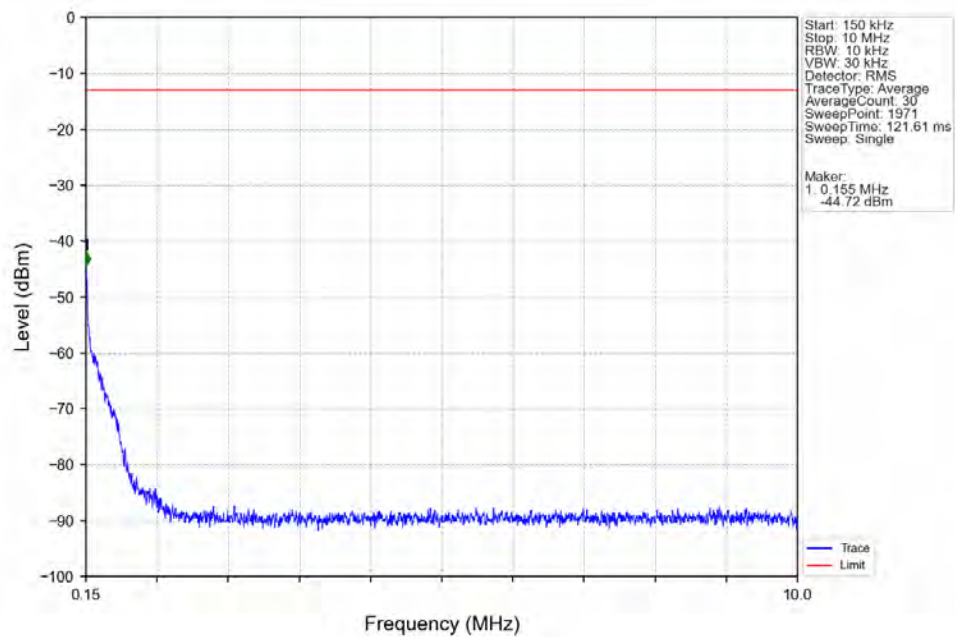


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-35.06	-13	Pass
698.9	699	0.03	/	2	698.932	-37.64	-13	Pass
699	709	0.03	/	/	/	/	/	/

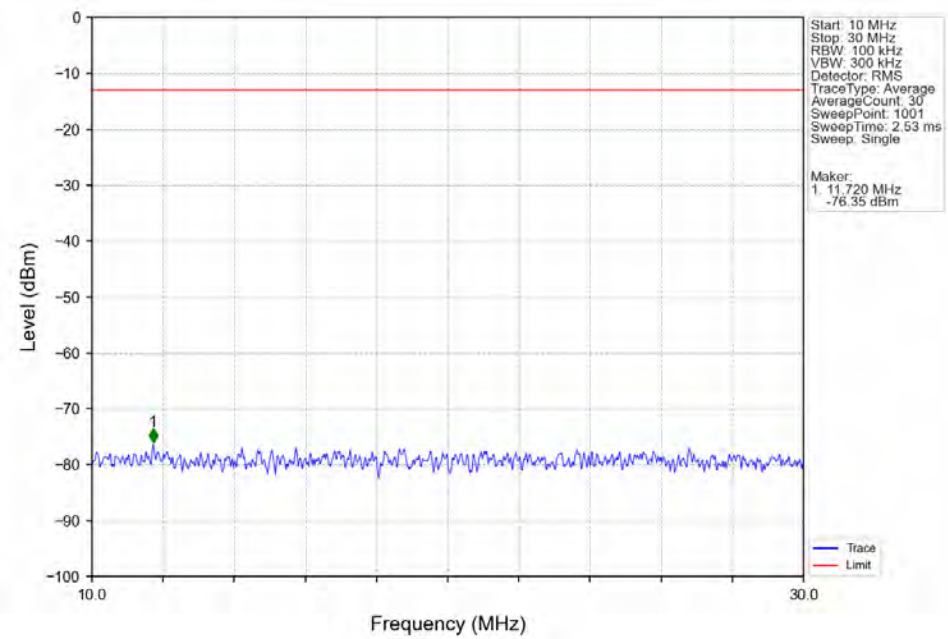
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



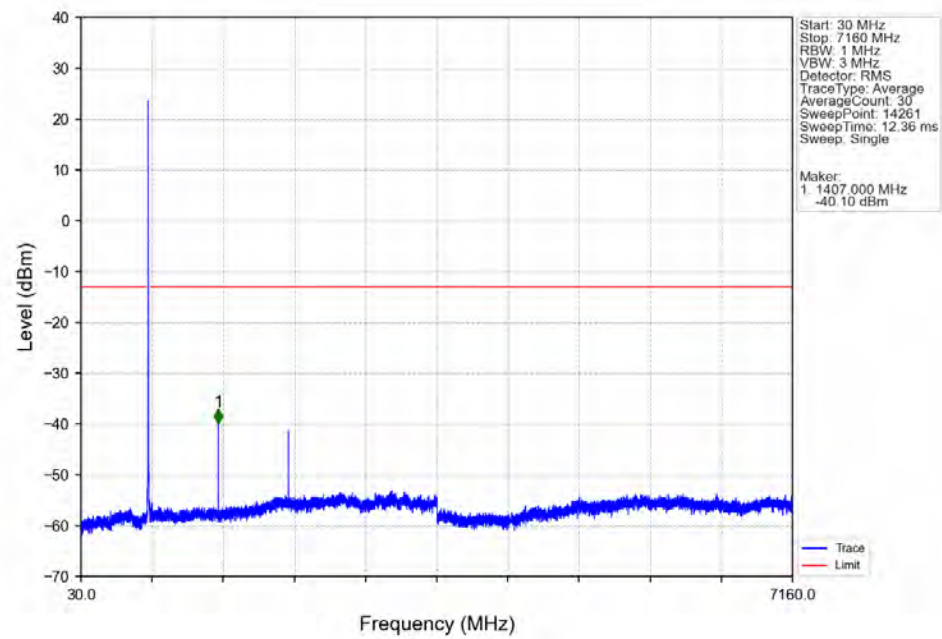
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



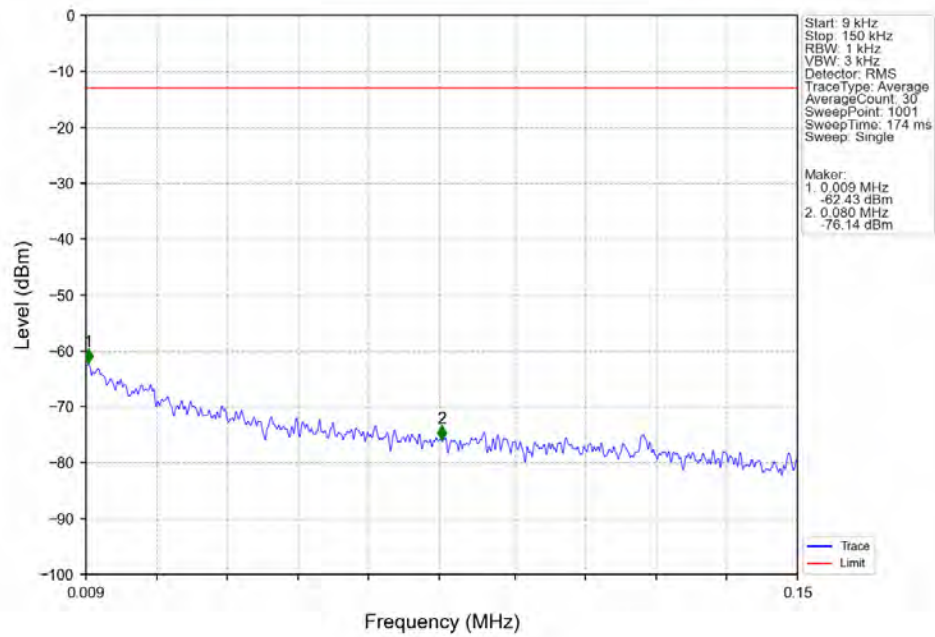
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



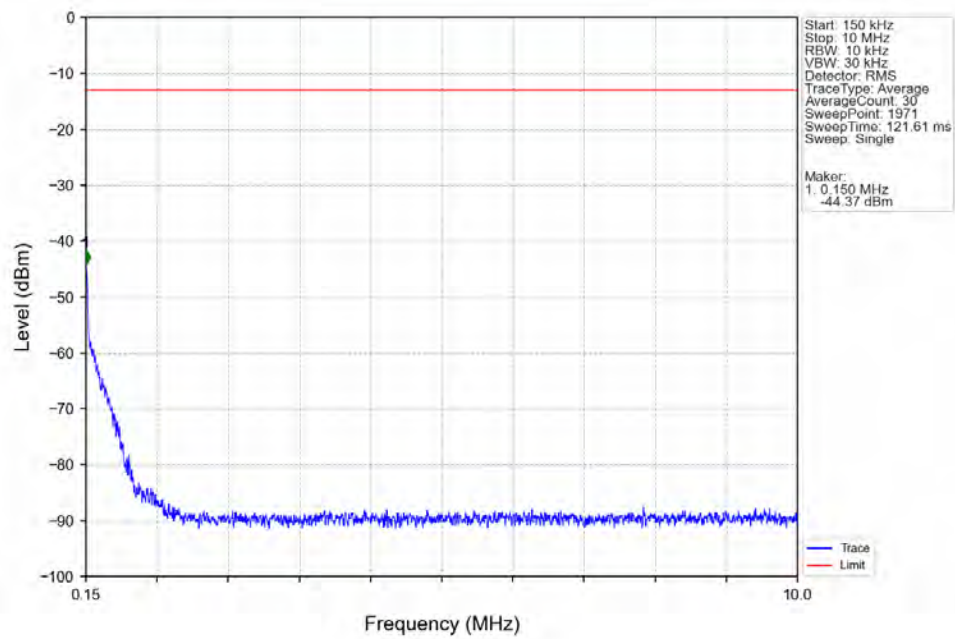
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



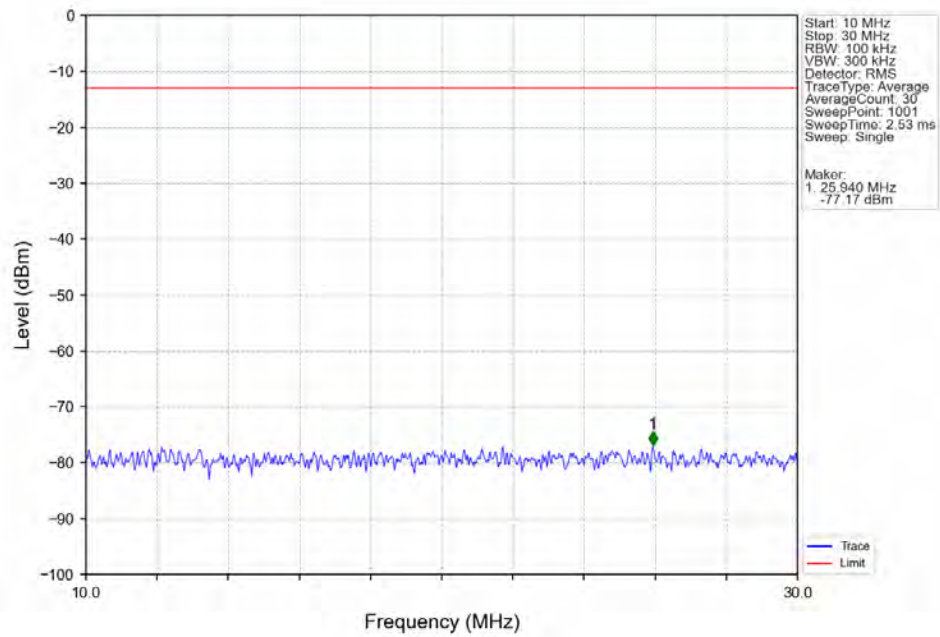
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



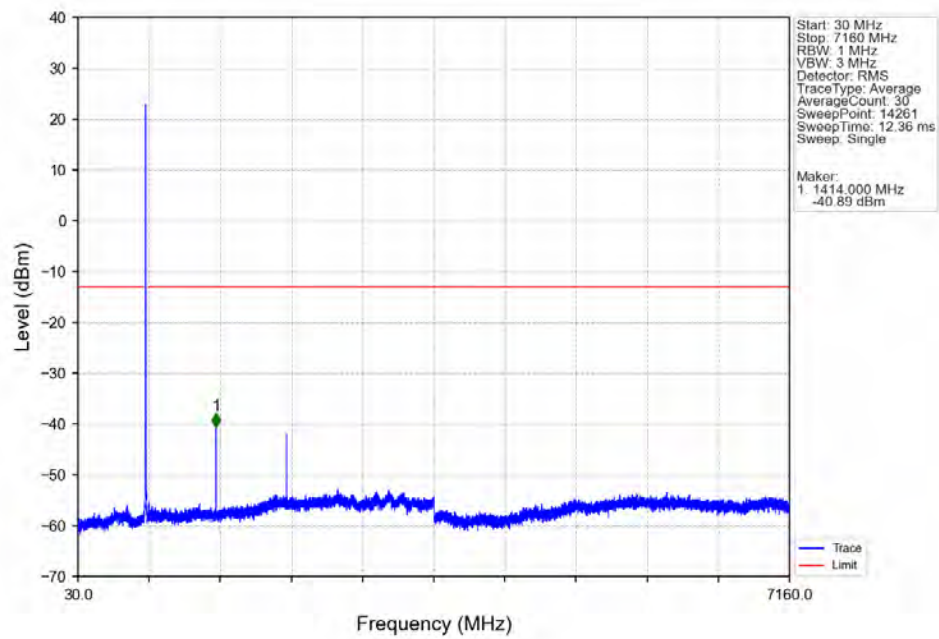
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



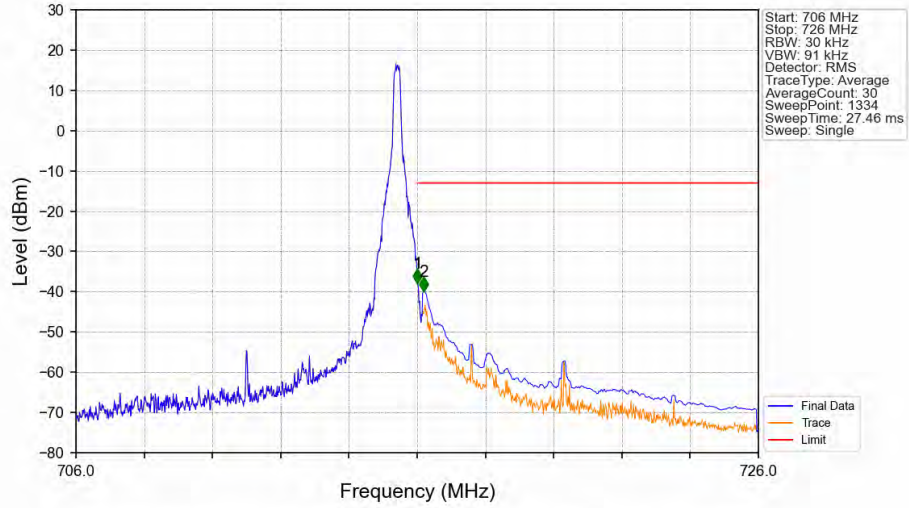
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

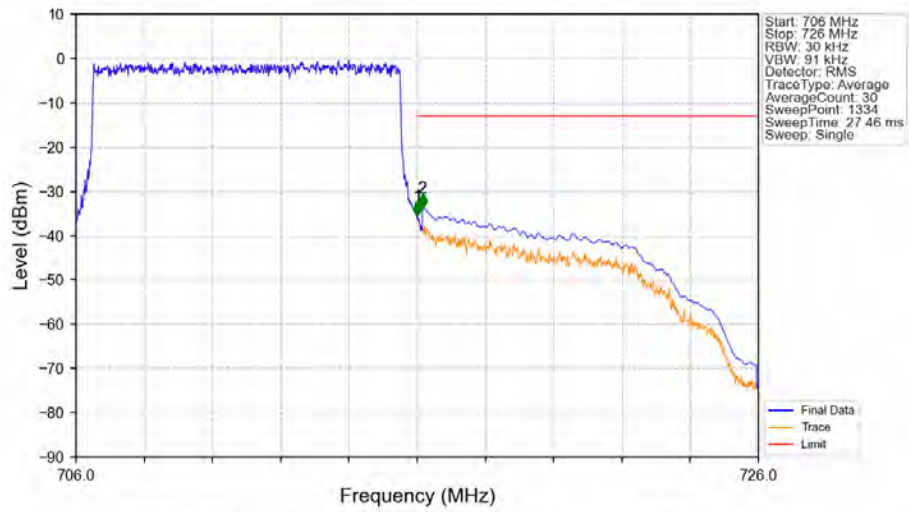


Band12 10MHz 16QAM HCH 711MHz RB 1 49 NTNV



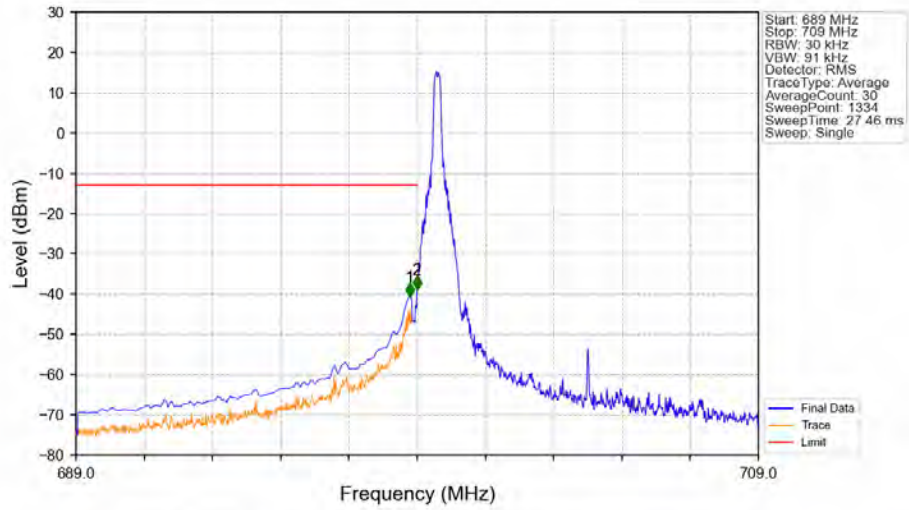
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-37.84	-13	Pass
716.1	726	0.1	CHP	2	716.188	-39.90	-13	Pass

Band12 10MHz 16QAM HCH 711MHz RB 50 0 NTNV



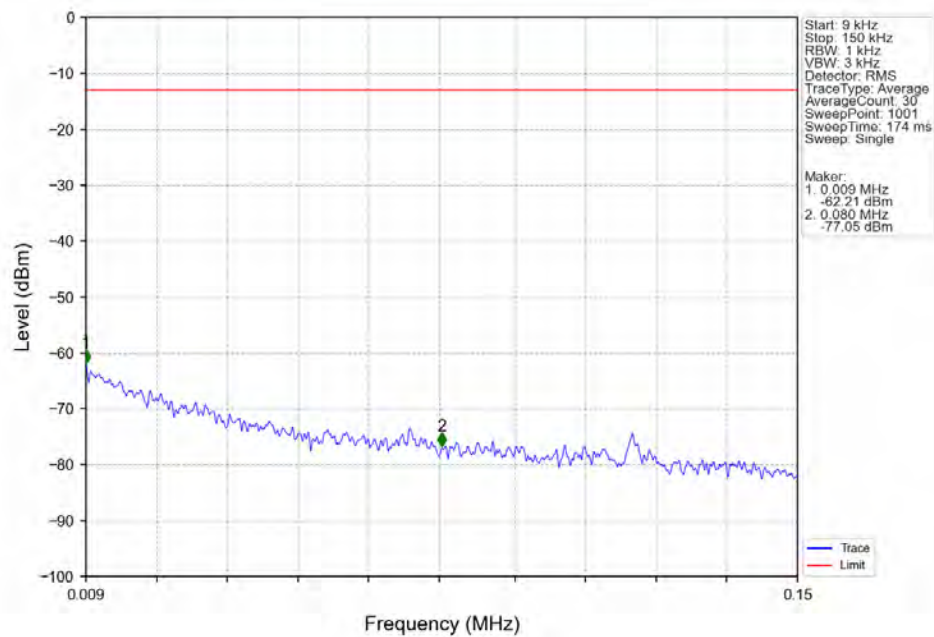
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-35.53	-13	Pass
716.1	726	0.1	CHP	2	716.158	-33.60	-13	Pass

Band12 10MHz 64QAM LCH 704MHz RB 1 0 NTNV

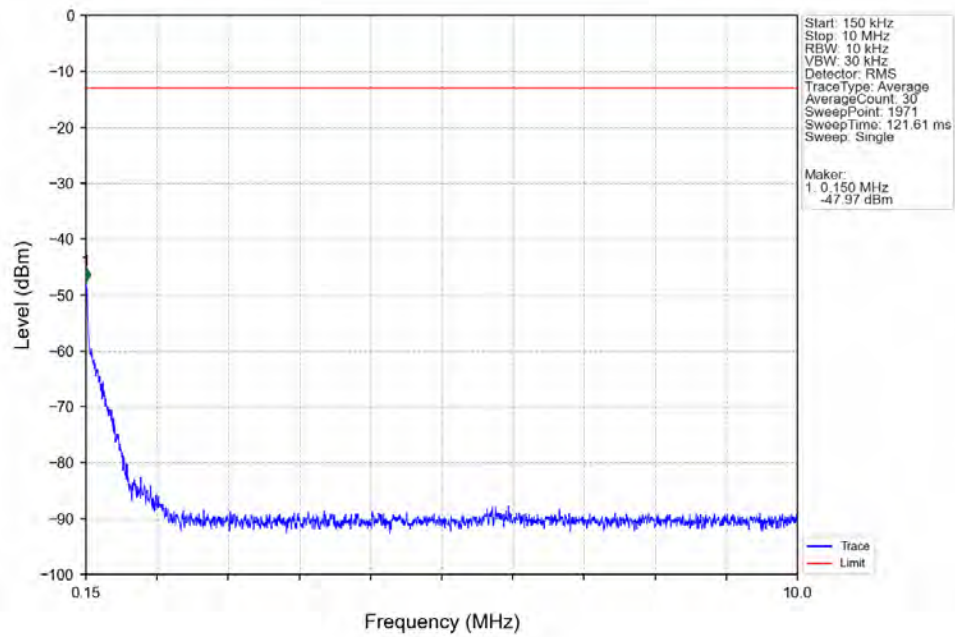


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.782	-40.70	-13	Pass
698.9	699	0.03	/	2	698.992	-38.79	-13	Pass
699	709	0.03	/	/	/	/	/	/

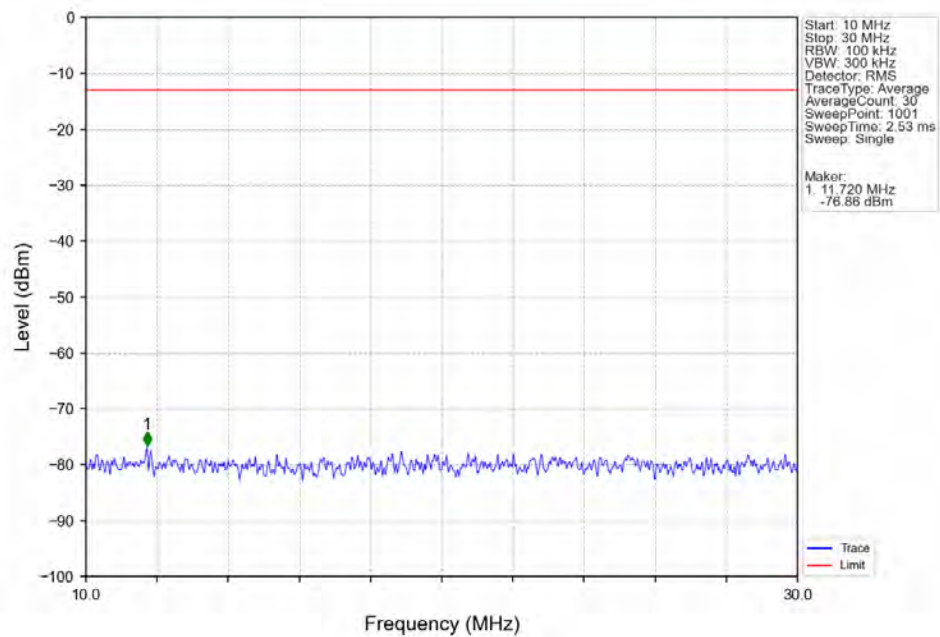
Band12 10MHz 64QAM LCH 704MHz RB 1 0 NTNV



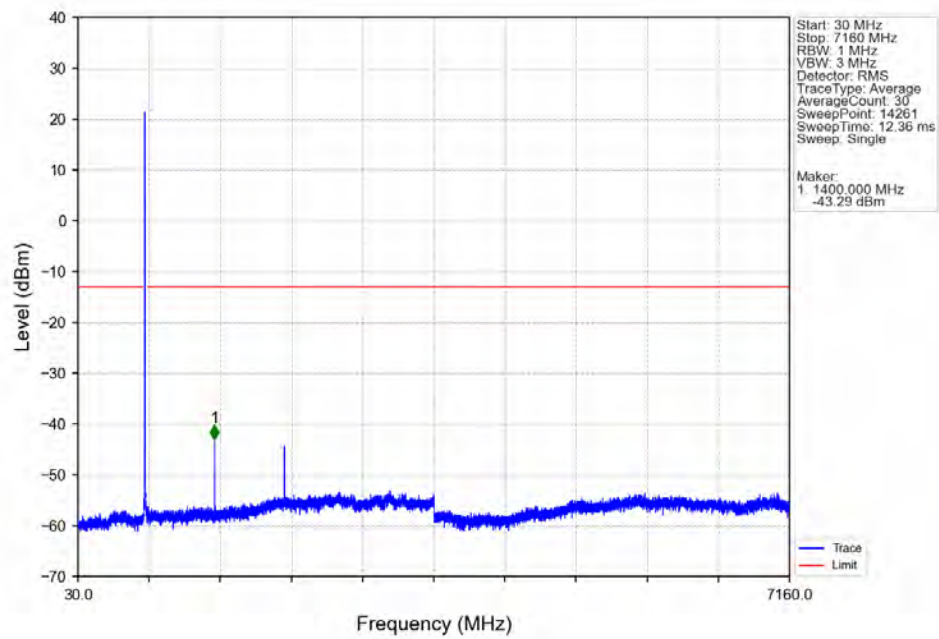
Band12 10MHz 64QAM LCH 704MHz RB 1 0 NTNV



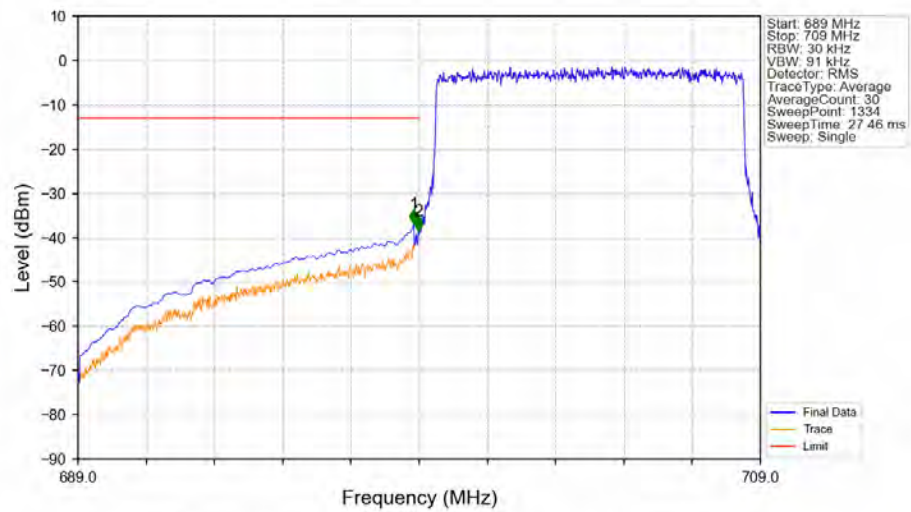
Band12 10MHz 64QAM LCH 704MHz RB 1 0 NTNV



Band12 10MHz 64QAM LCH 704MHz RB 1 0 NTNV

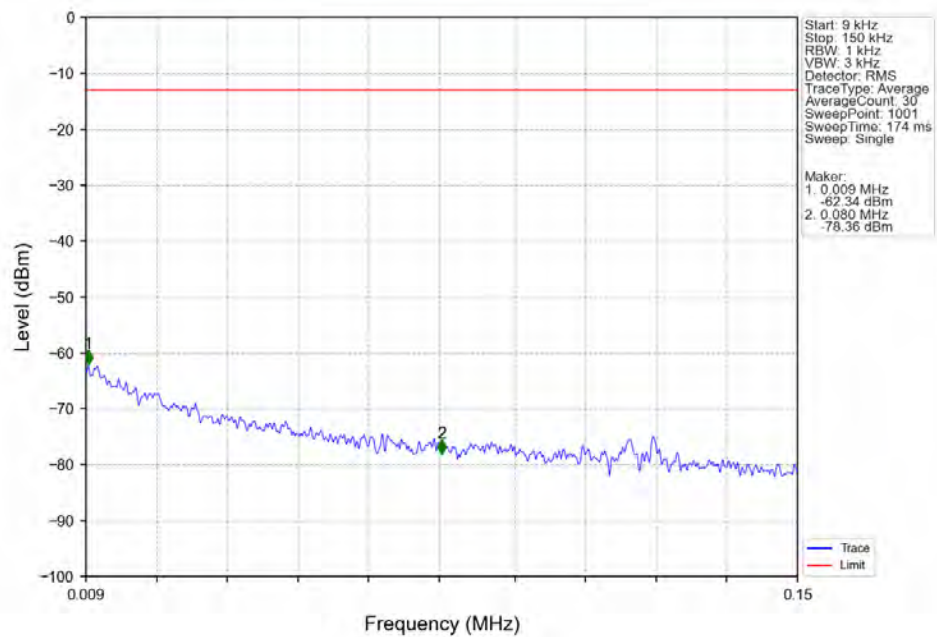


Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV

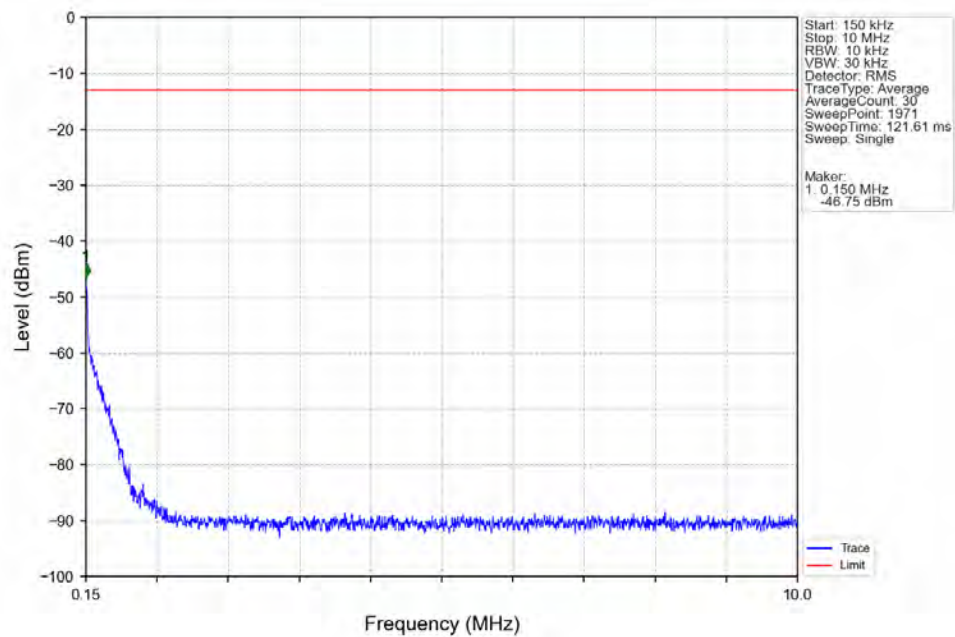


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-36.82	-13	Pass
698.9	699	0.03	/	2	698.977	-38.35	-13	Pass
699	709	0.03	/	/	/	/	/	/

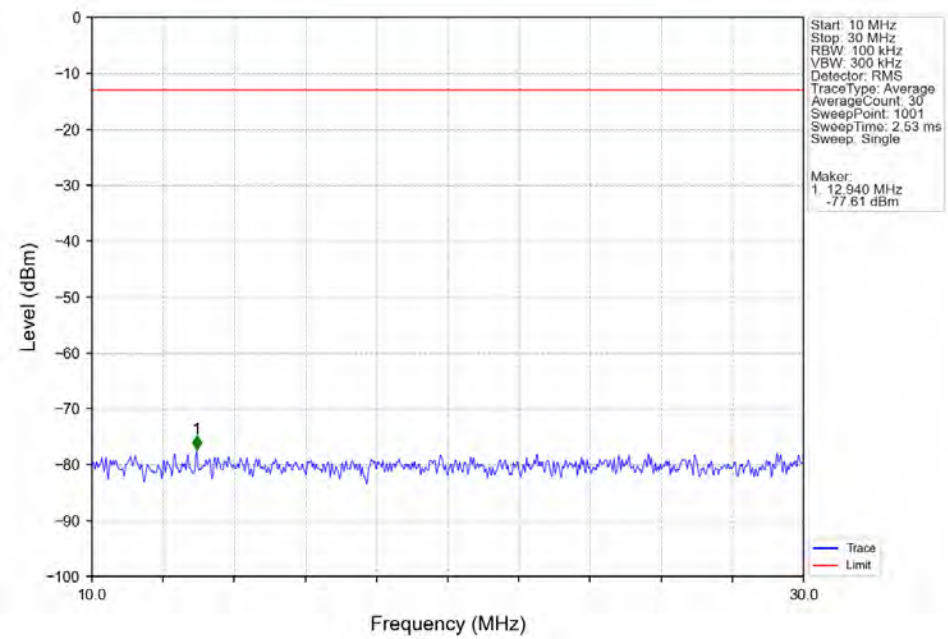
Band12_10MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



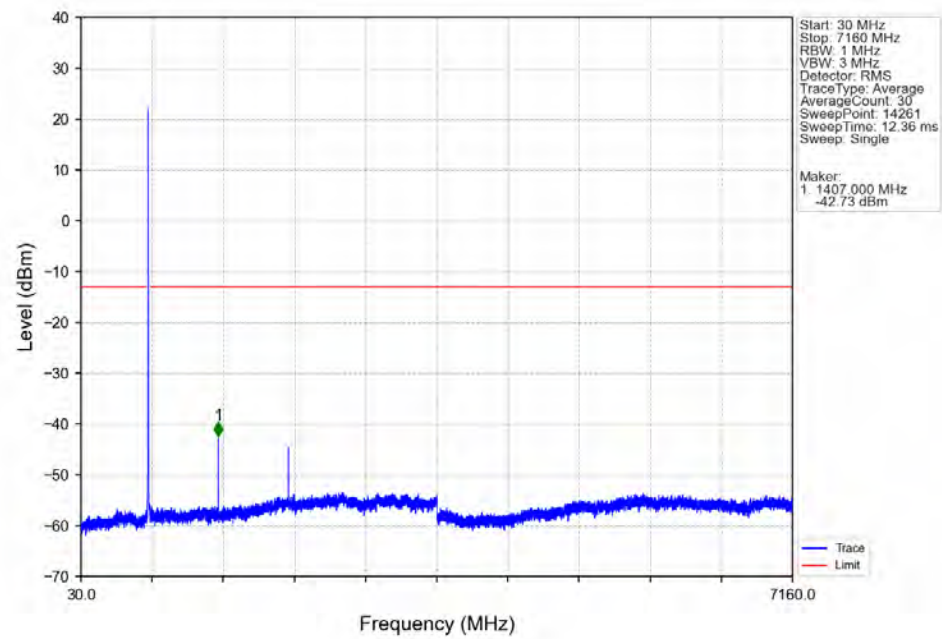
Band12_10MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



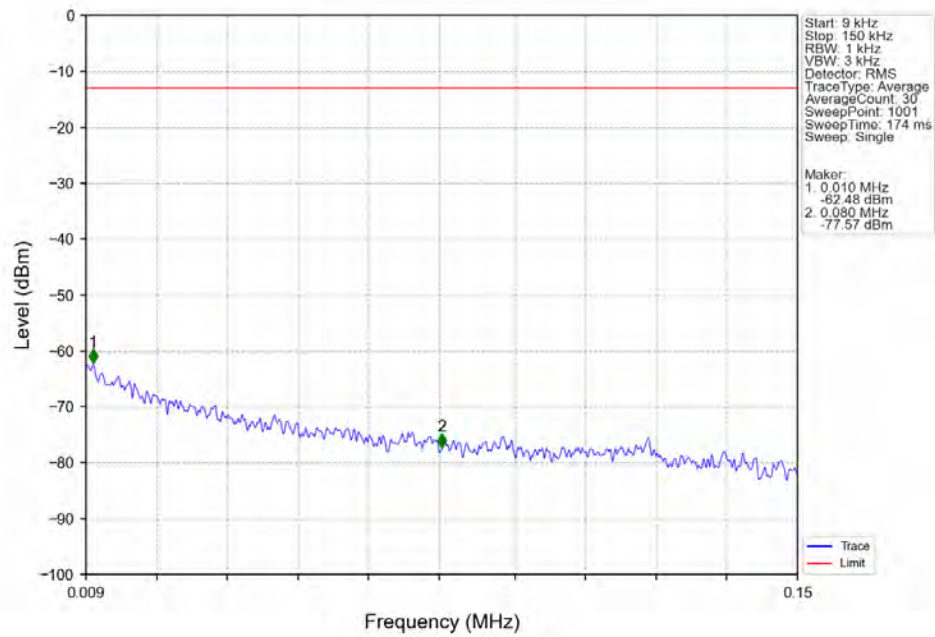
Band12 10MHz 64QAM MCH 707.5MHz RB 1 0 NTV



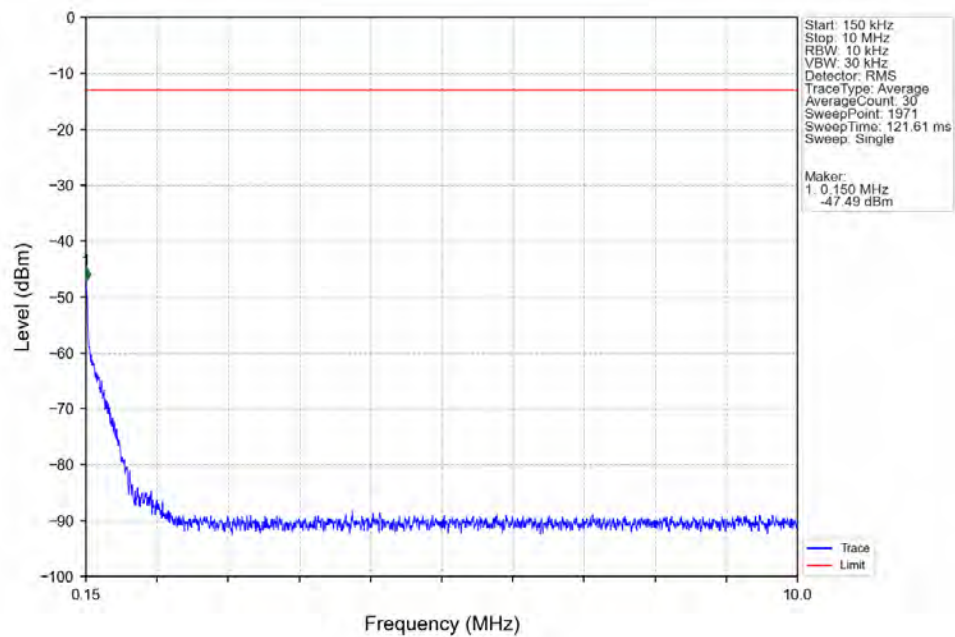
Band12 10MHz 64QAM MCH 707.5MHz RB 1 0 NTV



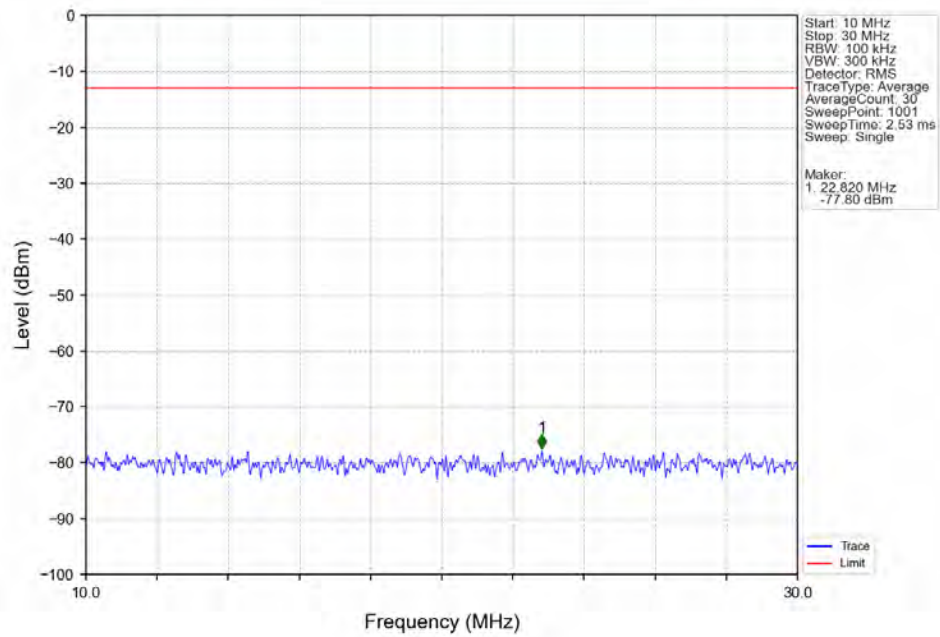
Band12_10MHz_64QAM_HCH_711MHz_RB_1_0_NTNV



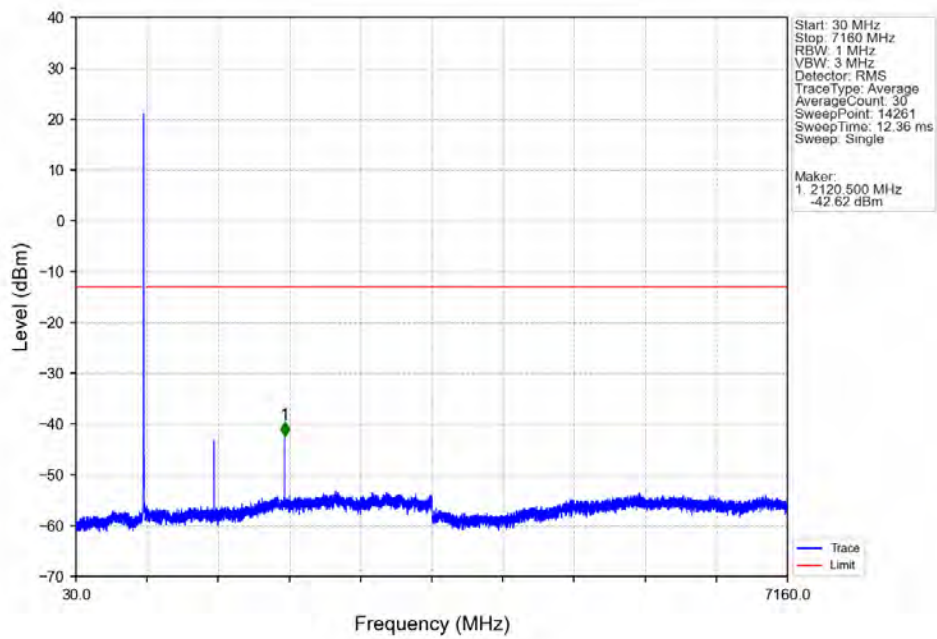
Band12_10MHz_64QAM_HCH_711MHz_RB_1_0_NTNV



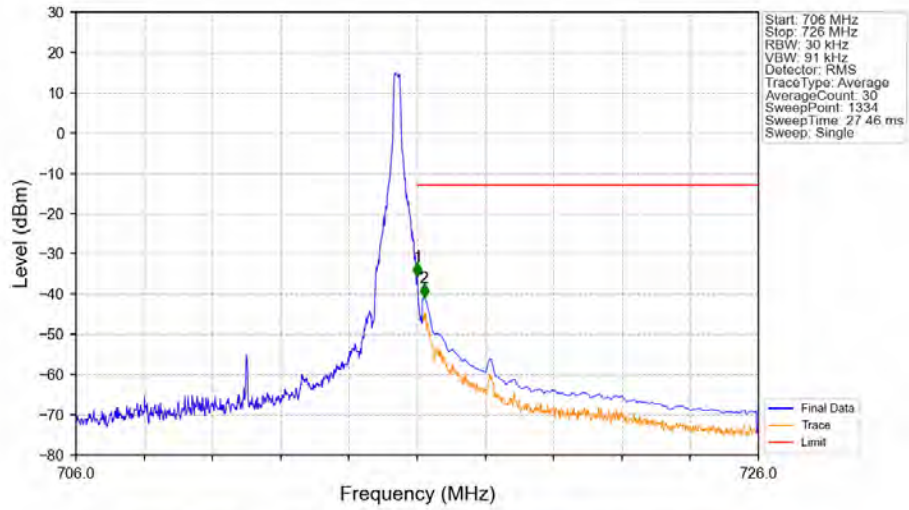
Band12_10MHz_64QAM_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_64QAM_HCH_711MHz_RB_1_0_NTNV

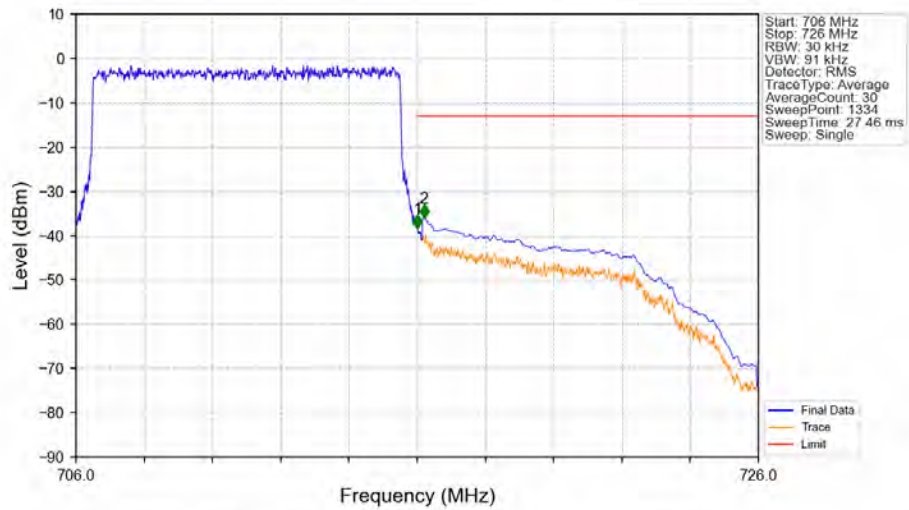


Band12_10MHz_64QAM_HCH_711MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-35.67	-13	Pass
716.1	726	0.1	CHP	2	716.203	-40.79	-13	Pass

Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-38.34	-13	Pass
716.1	726	0.1	CHP	2	716.203	-35.99	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 12 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
1399.0	-69.77	-13	-56.77	-72.54	2.47	5.24	Horizontal	Pass
2098.5	-69.62	-13	-56.62	-71.69	2.79	4.86	Horizontal	Pass
2798.0	-68.24	-13	-55.24	-71.6	3.12	6.48	Horizontal	Pass
1399.0	-70.15	-13	-57.15	-72.92	2.47	5.24	Vertical	Pass
2098.5	-70.0	-13	-57.0	-72.07	2.79	4.86	Vertical	Pass
2798.0	-68.02	-13	-55.02	-71.38	3.12	6.48	Vertical	Pass

LTE Band 12 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
1406.0	-70.49	-13	-57.49	-73.29	2.48	5.28	Horizontal	Pass
2109.0	-70.56	-13	-57.56	-72.64	2.8	4.88	Horizontal	Pass
2812.0	-68.87	-13	-55.87	-72.26	3.12	6.51	Horizontal	Pass
1406.0	-70.43	-13	-57.43	-73.23	2.48	5.28	Vertical	Pass
2109.0	-69.9	-13	-56.9	-71.98	2.8	4.88	Vertical	Pass
2812.0	-69.02	-13	-56.02	-72.41	3.12	6.51	Vertical	Pass

LTE Band 12 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
1413.0	-70.85	-13	-57.85	-73.69	2.49	5.33	Horizontal	Pass
2119.5	-70.38	-13	-57.38	-72.48	2.81	4.91	Horizontal	Pass
2826.0	-69.37	-13	-56.37	-72.78	3.13	6.54	Horizontal	Pass
1413.0	-70.52	-13	-57.52	-73.36	2.49	5.33	Vertical	Pass
2119.5	-70.4	-13	-57.4	-72.5	2.81	4.91	Vertical	Pass
2826.0	-68.54	-13	-55.54	-71.95	3.13	6.54	Vertical	Pass