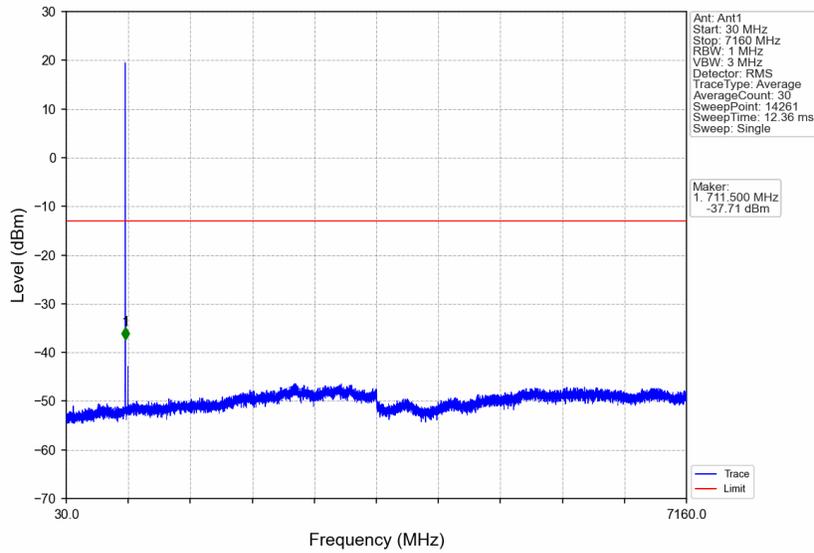
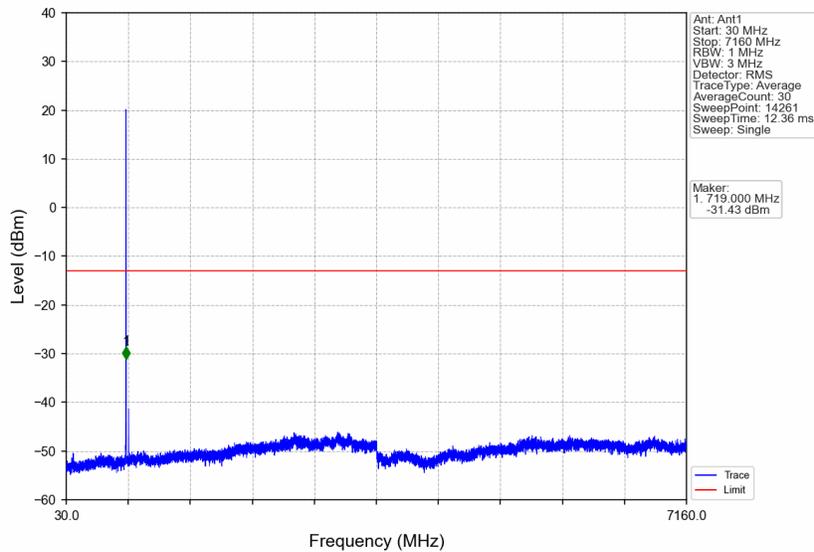


Band12_1.4MHz_256QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_1.4MHz_256QAM_HCH_715.3MHz_RB_1_0_NTNV

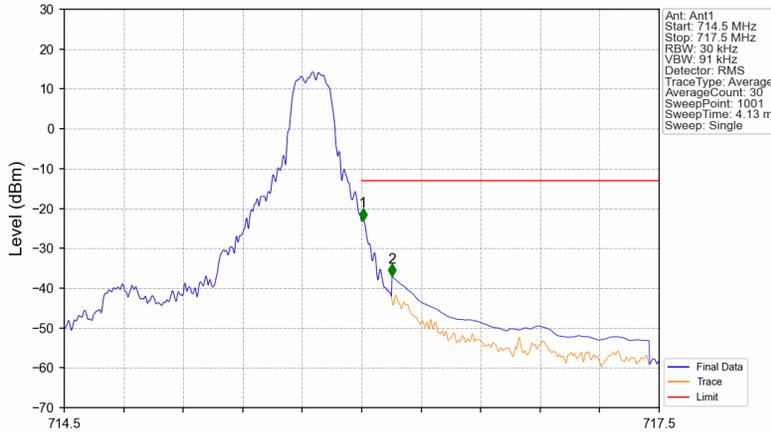


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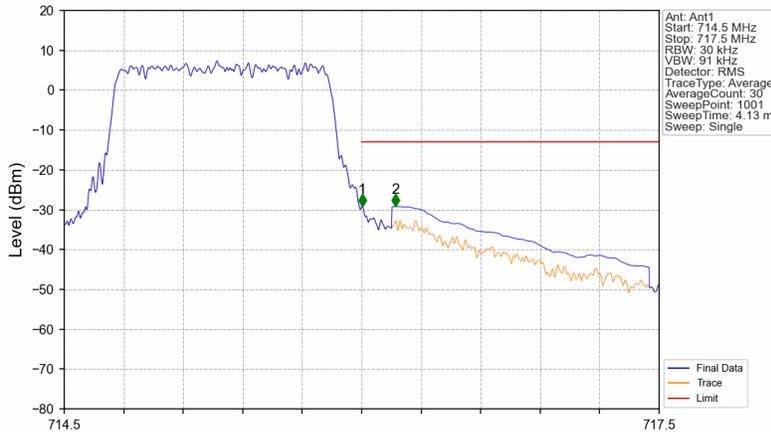
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Band12_1.4MHz_256QAM_HCH_715.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-23.00	-13	Pass
716.1	717.5	0.1	CHP	2	716.153	-36.97	-13	Pass

Band12_1.4MHz_256QAM_HCH_715.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.003	-29.17	-13	Pass
716.1	717.5	0.1	CHP	2	716.171	-29.20	-13	Pass



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5.2 B12_3MHz

5.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	714.5	1	0	Refer To Test Graph		Pass
		1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	714.5	1	0	Refer To Test Graph		Pass
		1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
64QAM	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	714.5	1	0	Refer To Test Graph		Pass
		1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
256QAM	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	714.5	1	0	Refer To Test Graph		Pass
		1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

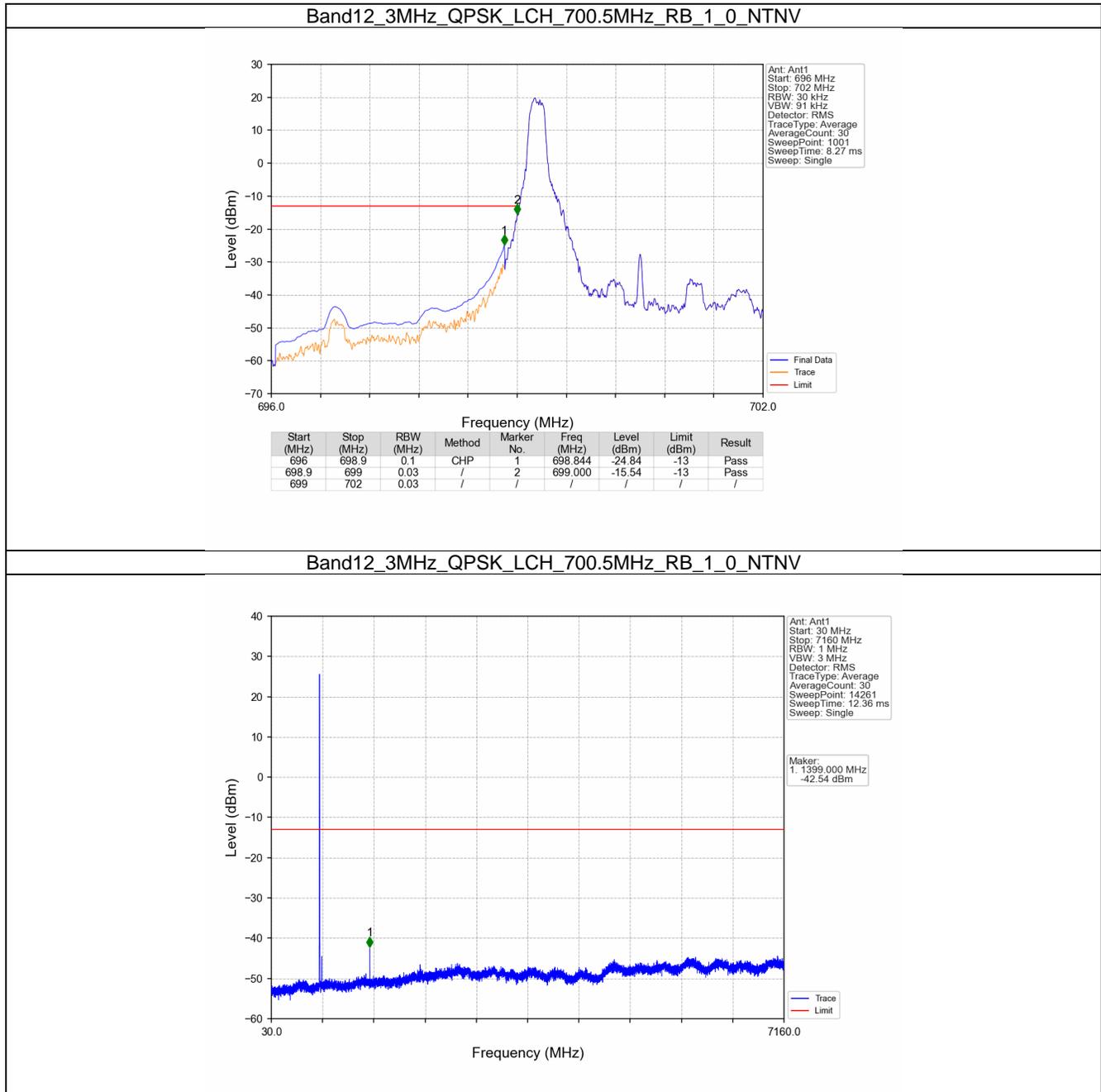


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5.2.2 Test Graph

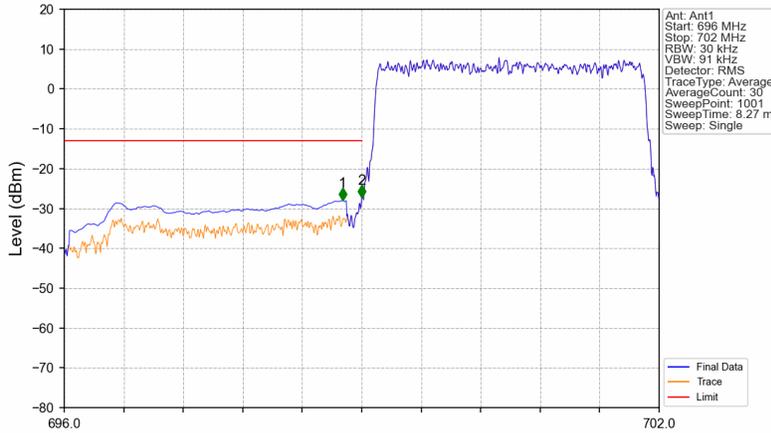


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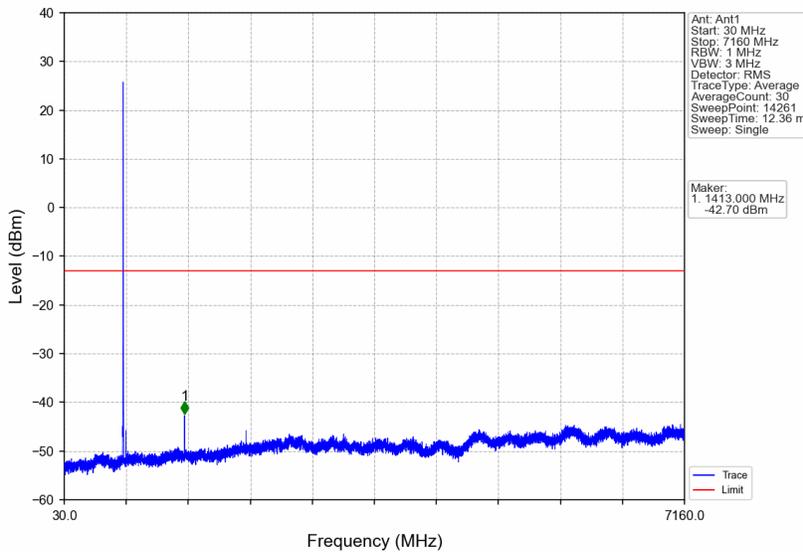
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Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.808	-28.01	-13	Pass
698.9	699	0.03	/	2	699.000	-27.28	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Marker:
1: 1.1413000 MHz
-42.70 dBm



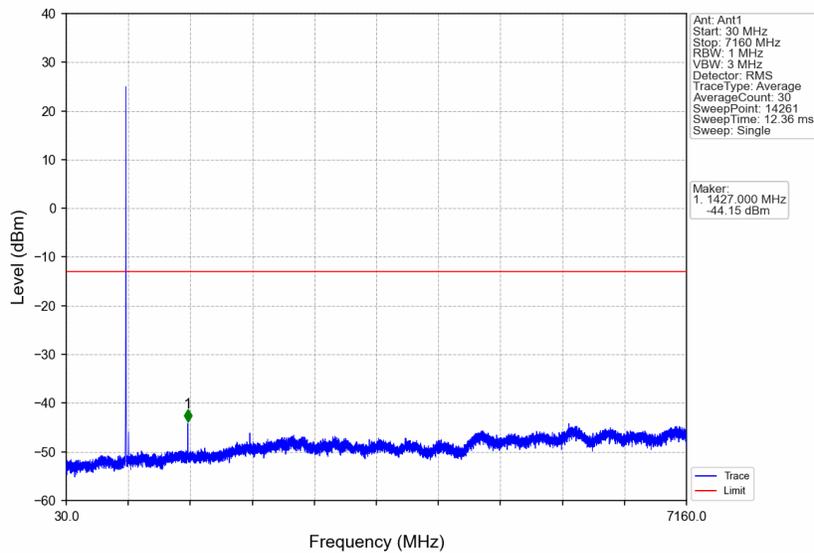
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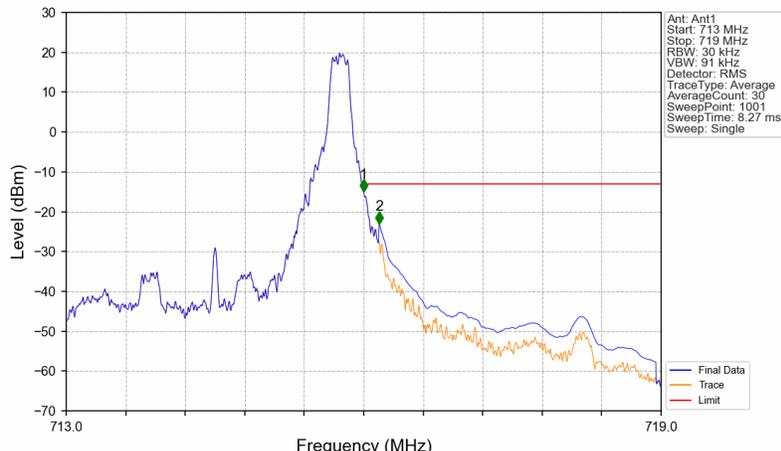
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Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-14.92	-13	Pass
716.1	719	0.1	CHP	2	716.156	-23.02	-13	Pass

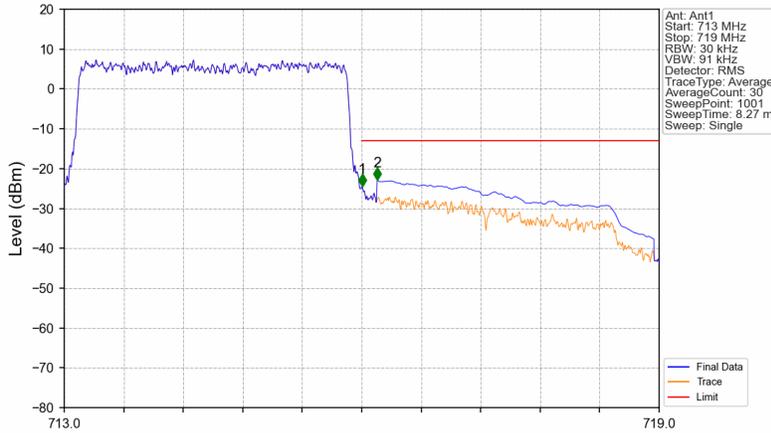


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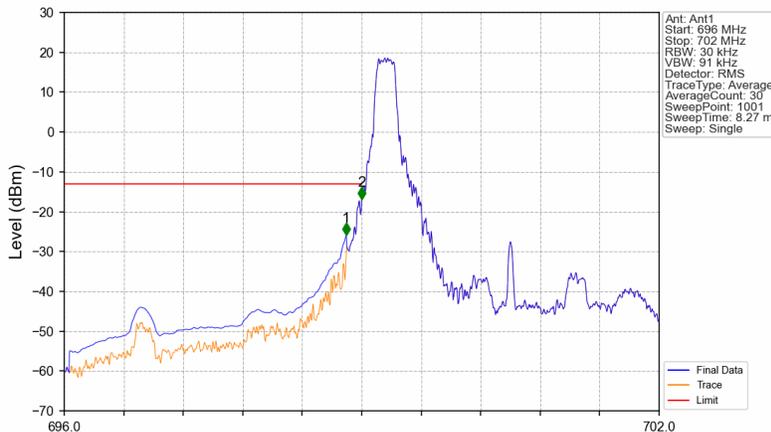
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Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-24.41	-13	Pass
716.1	719	0.1	CHP	2	716.156	-22.92	-13	Pass

Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-25.89	-13	Pass
698.9	699	0.03	/	2	699.000	-16.88	-13	Pass
699	702	0.03	/	/	/	/	/	/

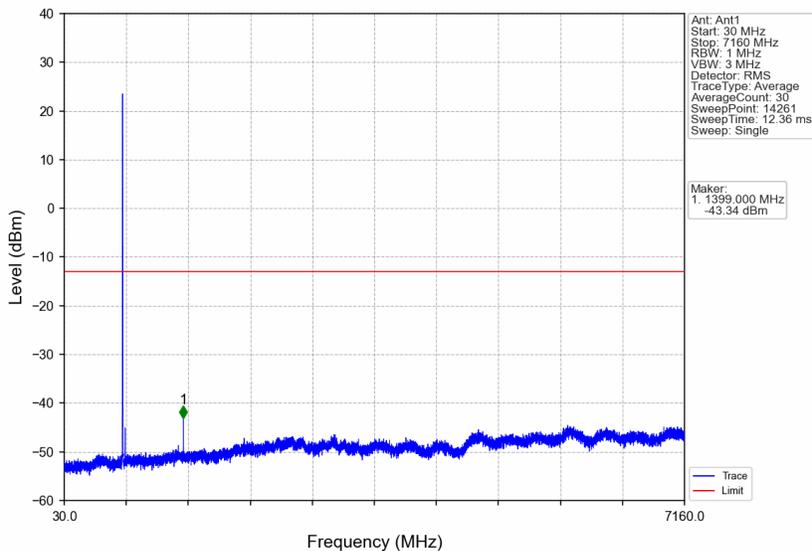


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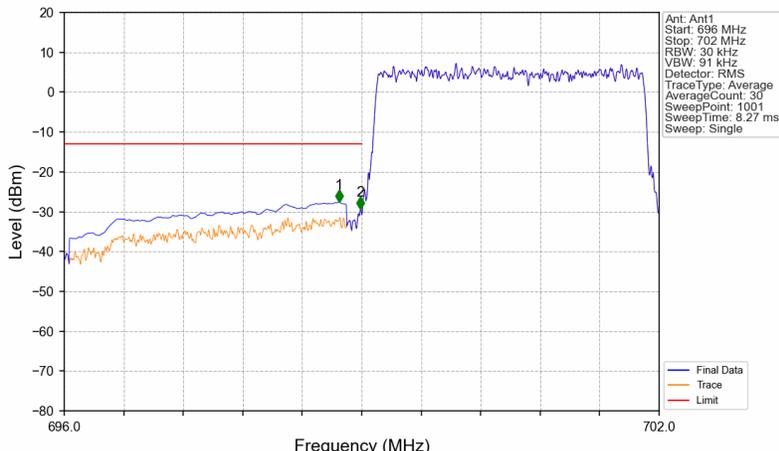
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Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.772	-27.63	-13	Pass
698.9	699	0.03	/	2	698.988	-29.45	-13	Pass
699	702	0.03	/	/	/	/	/	/

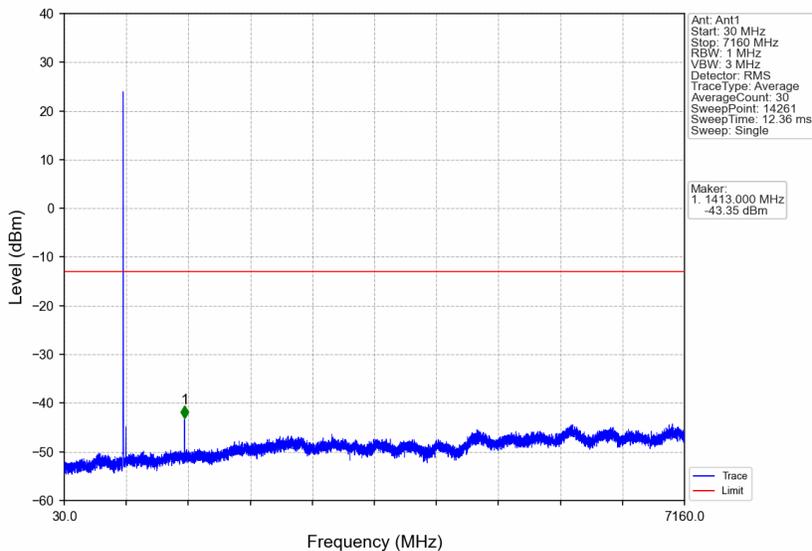


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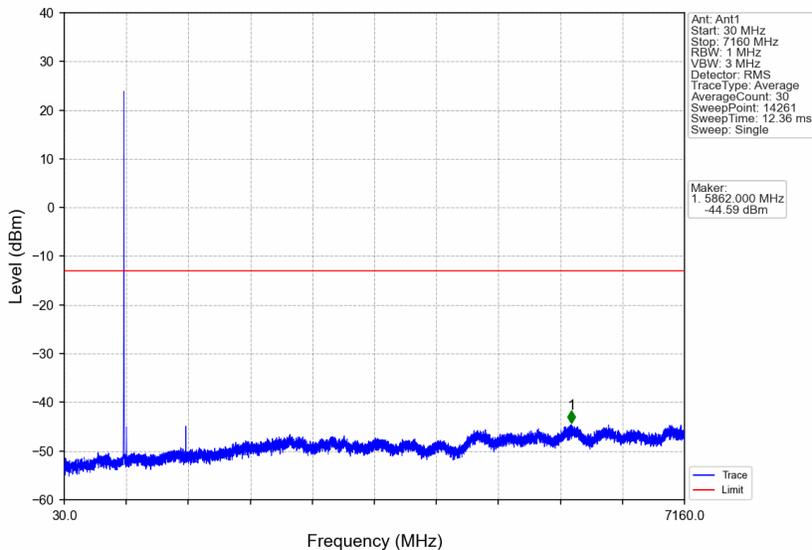
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Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV

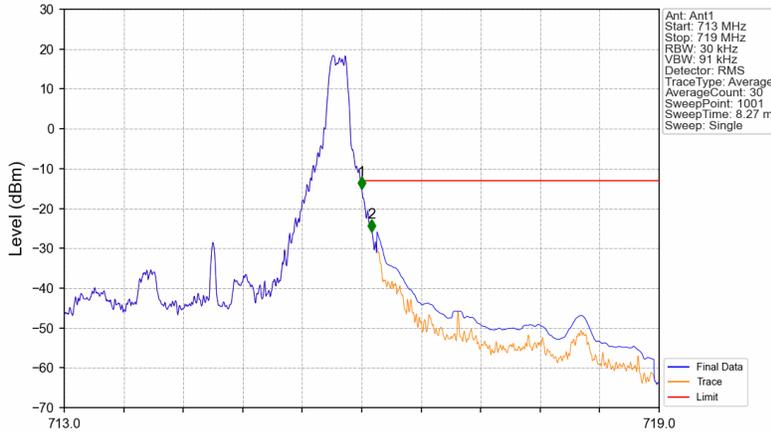


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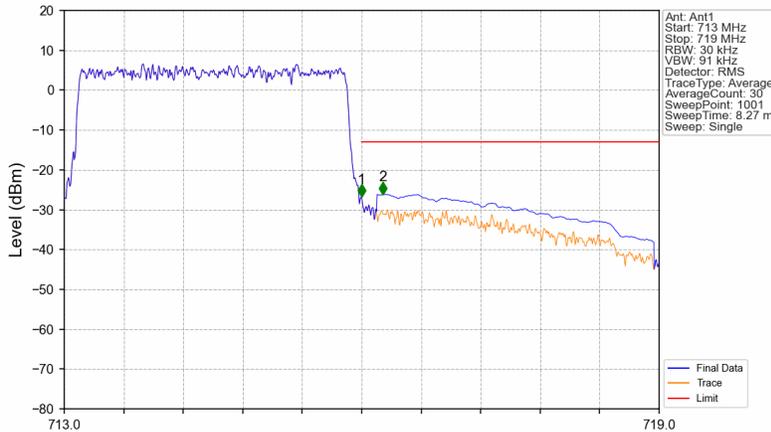
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Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-15.21	-13	Pass
716.1	719	0.1	CHP	2	716.102	-25.82	-13	Pass

Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-26.75	-13	Pass
716.1	719	0.1	CHP	2	716.216	-26.12	-13	Pass

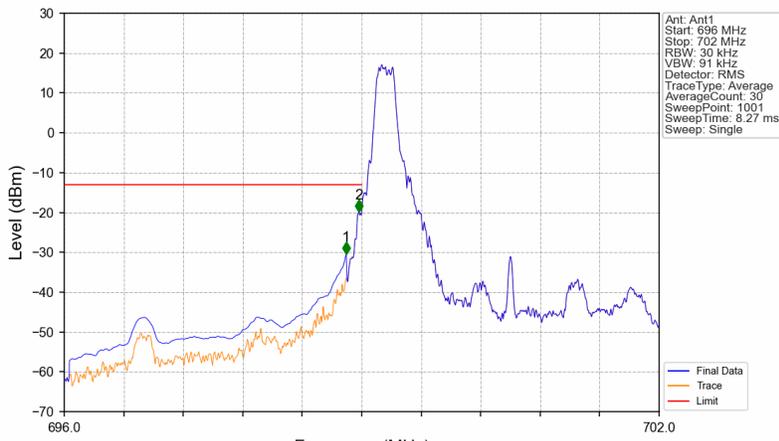


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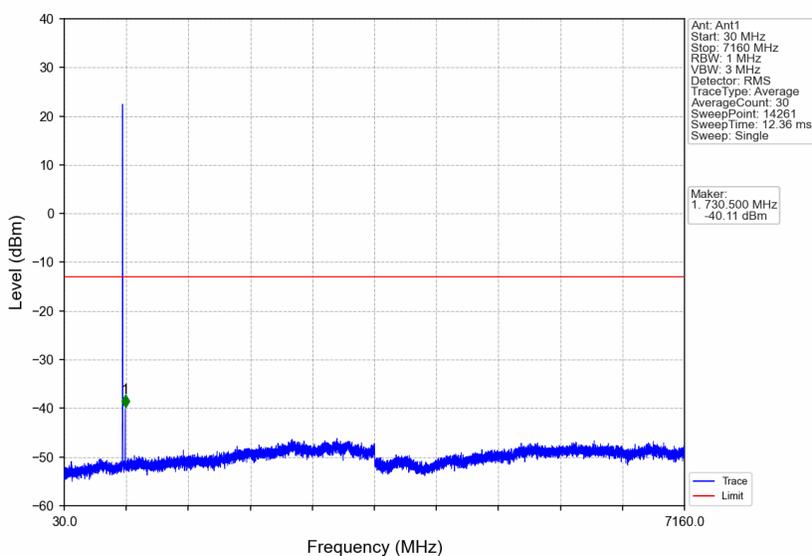
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Band12_3MHz_64QAM_LCH_700.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-30.44	-13	Pass
698.9	699	0.03	/	2	698.970	-19.95	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_64QAM_LCH_700.5MHz_RB_1_0_NTNV

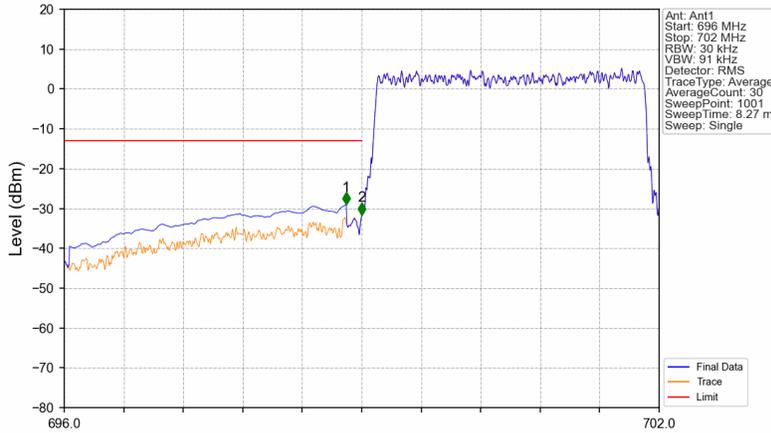


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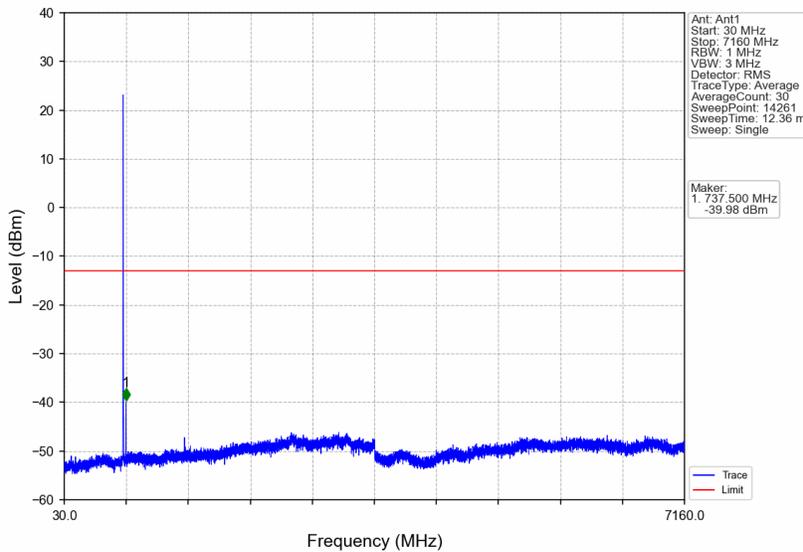
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Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-28.99	-13	Pass
698.9	699	0.03	/	2	699.000	-31.60	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



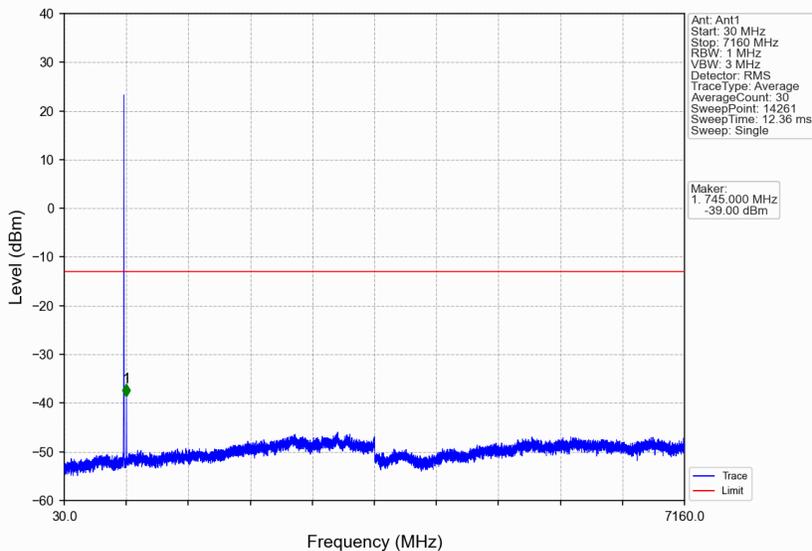
Marker:
1.737500 MHz
-39.98 dBm



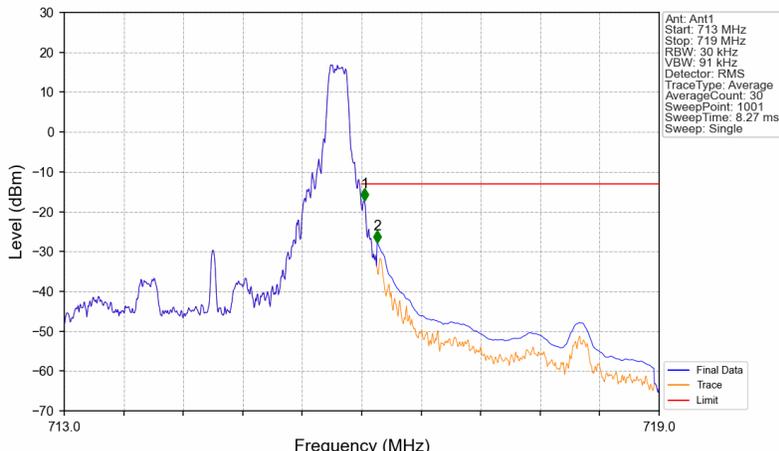
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Band12_3MHz_64QAM_HCH_714.5MHz_RB_1_0_NTNV



Band12_3MHz_64QAM_HCH_714.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-17.26	-13	Pass
716.1	719	0.1	CHP	2	716.156	-27.81	-13	Pass

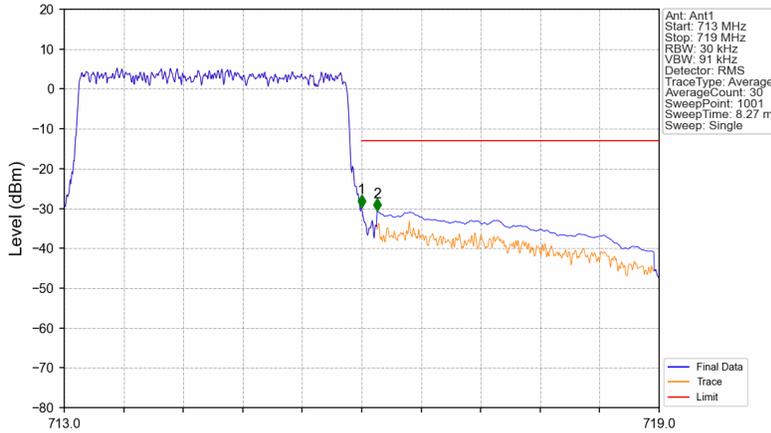


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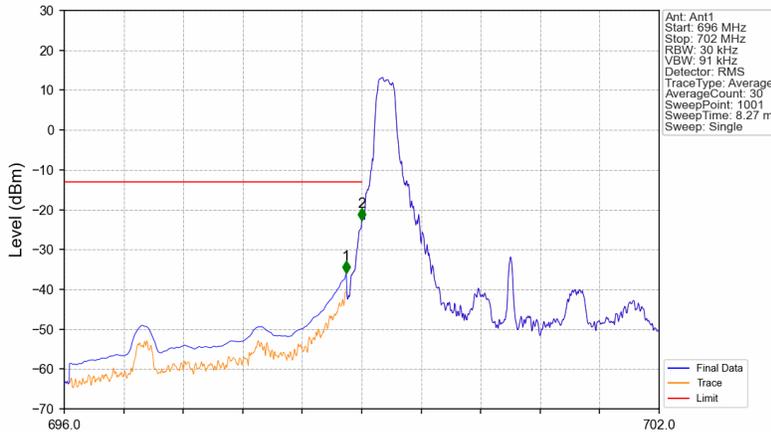
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Band12_3MHz_64QAM_HCH_714.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-29.65	-13	Pass
716.1	719	0.1	CHP	2	716.156	-30.64	-13	Pass

Band12_3MHz_256QAM_LCH_700.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-35.91	-13	Pass
698.9	699	0.03	/	2	699.000	-22.69	-13	Pass
699	702	0.03	/	/	/	/	/	/

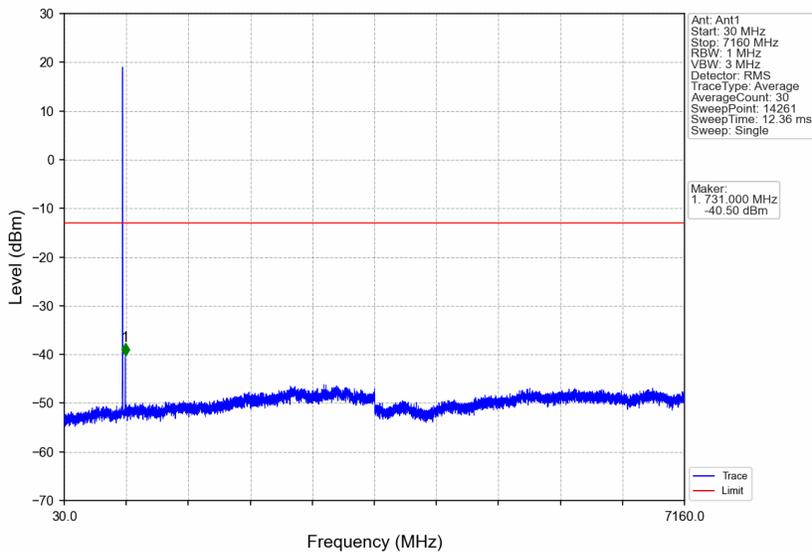


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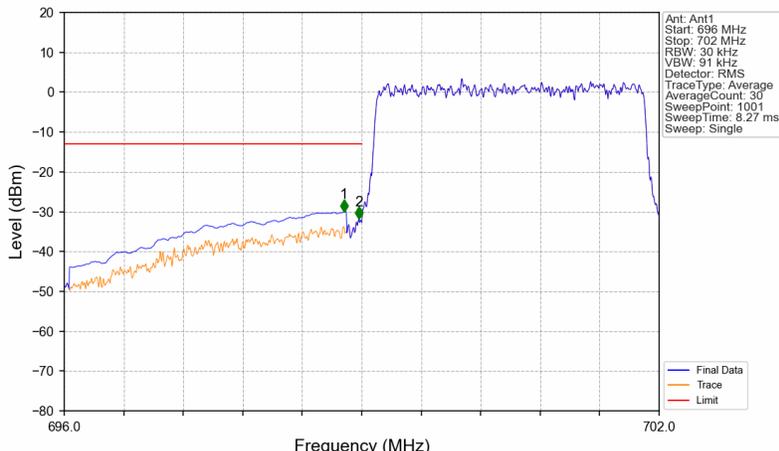
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Band12_3MHz_256QAM_LCH_700.5MHz_RB_1_0_NTNV



Band12_3MHz_256QAM_LCH_700.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.820	-30.02	-13	Pass
698.9	699	0.03	/	2	698.970	-31.88	-13	Pass
699	702	0.03	/	/	/	/	/	/

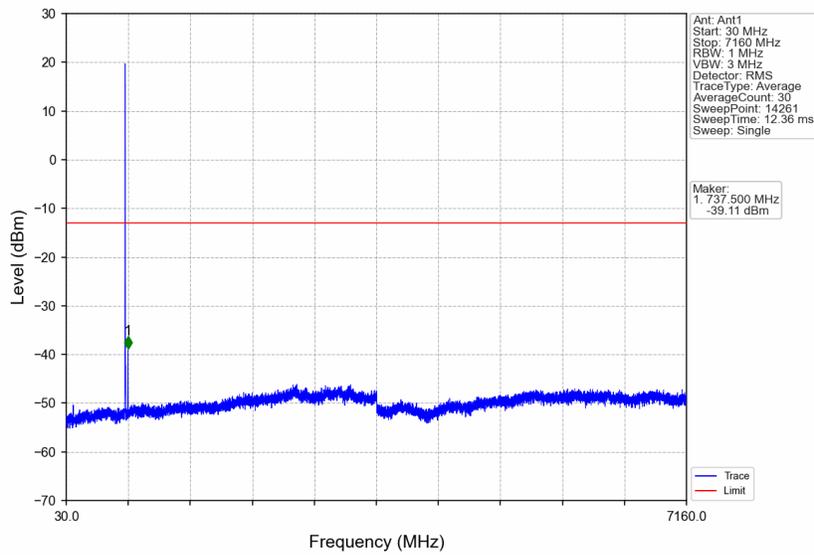


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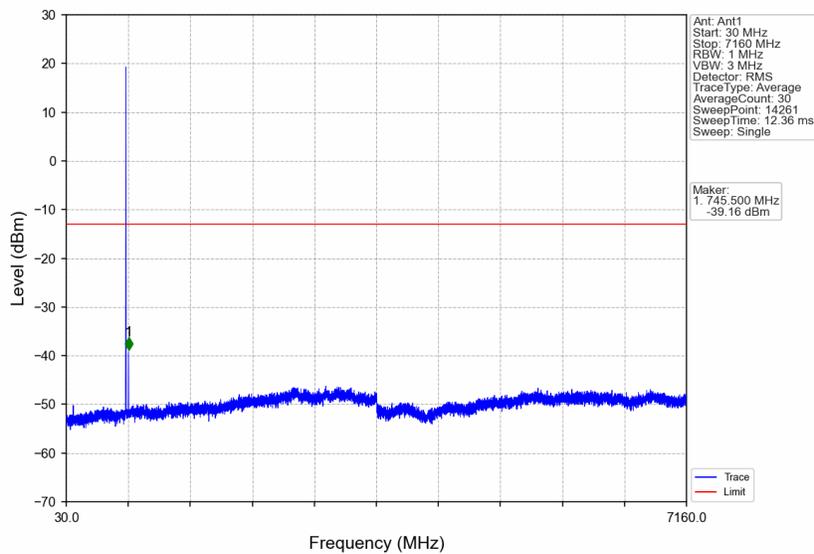
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Band12_3MHz_256QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_3MHz_256QAM_HCH_714.5MHz_RB_1_0_NTNV



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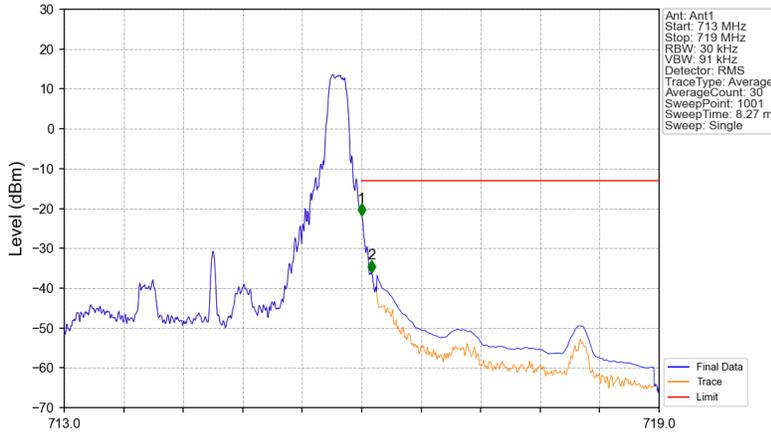
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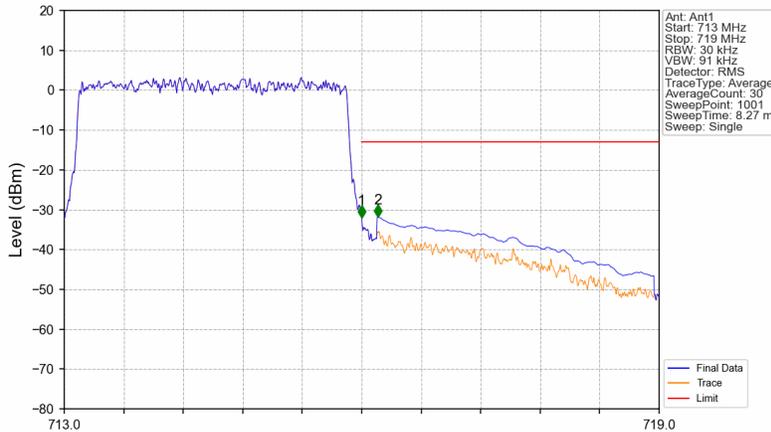
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Band12_3MHz_256QAM_HCH_714.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-21.88	-13	Pass
716.1	719	0.1	CHP	2	716.102	-36.07	-13	Pass

Band12_3MHz_256QAM_HCH_714.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-32.07	-13	Pass
716.1	719	0.1	CHP	2	716.162	-31.90	-13	Pass



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5.3 B12_5MHz

5.3.1 Test Result

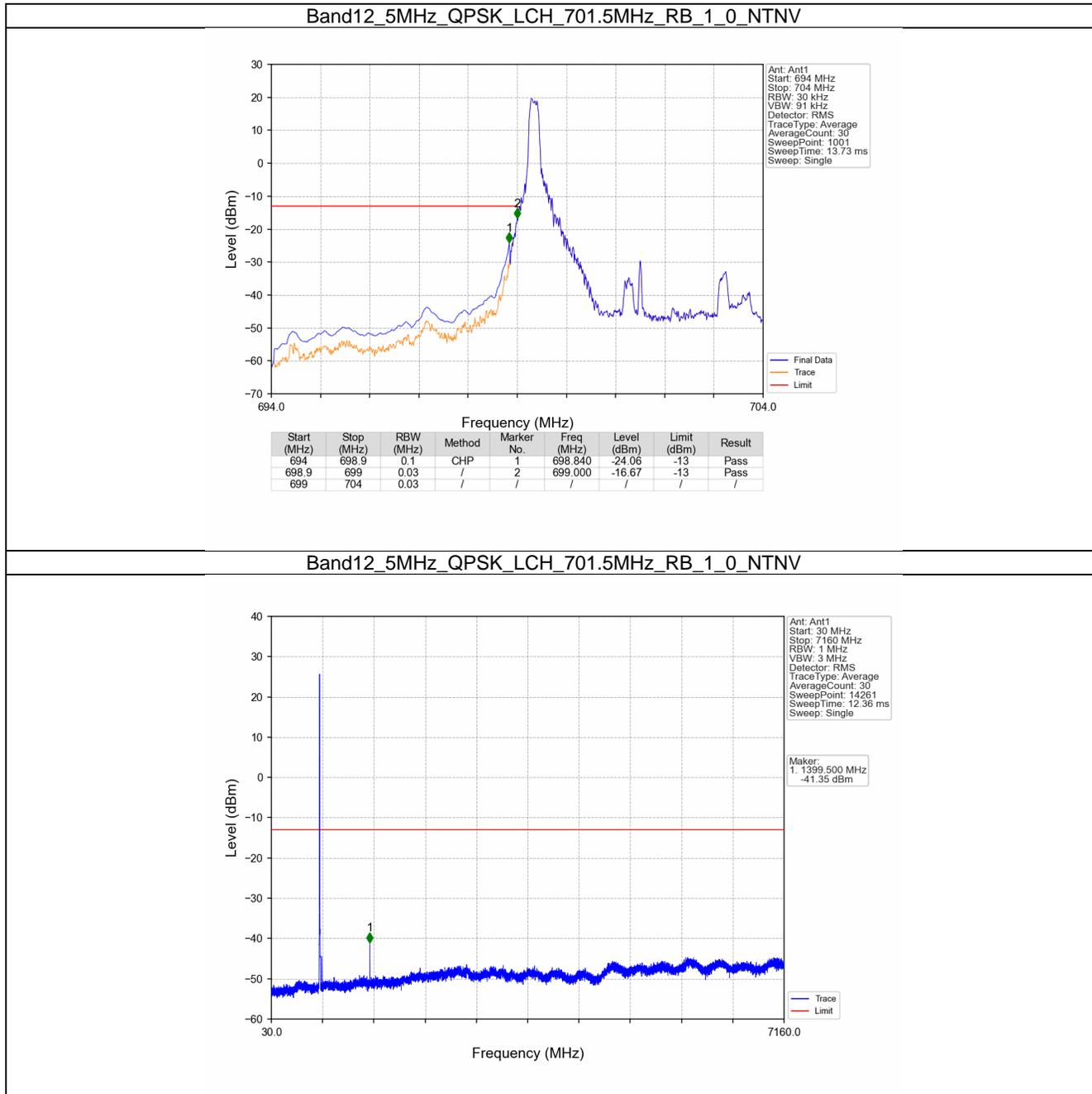
Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
256QAM	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass



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5.3.2 Test Graph

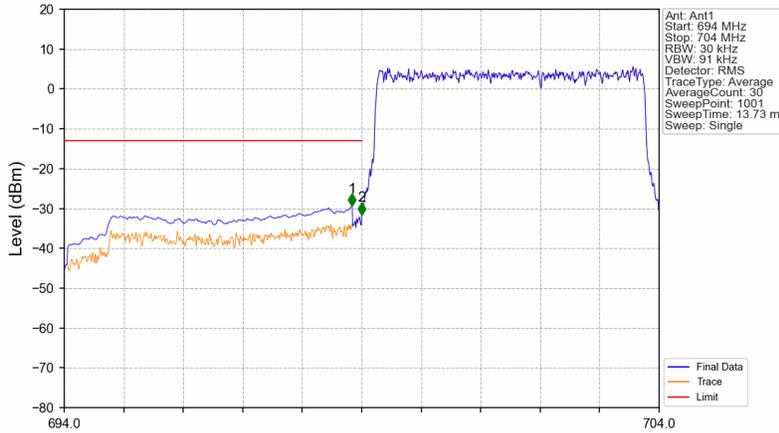


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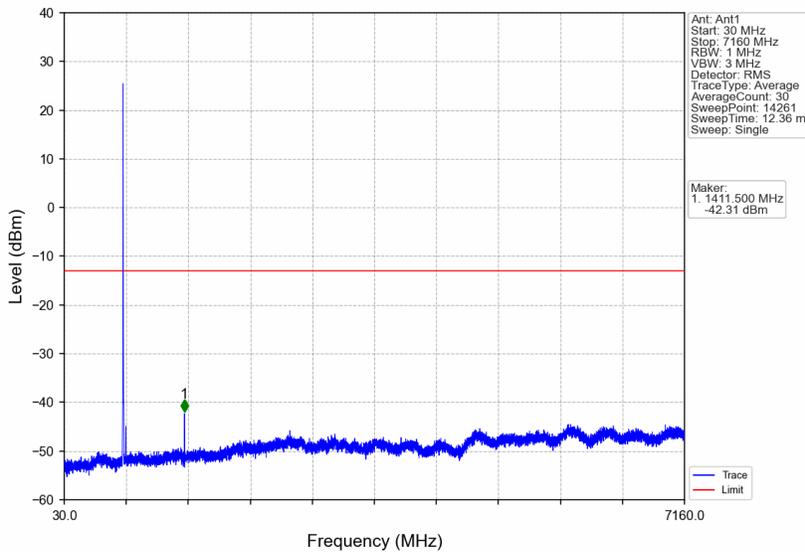
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Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



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	-29.34	-13	Pass
698.9	699	0.03	/	2	699.000	-31.60	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



Marker:
1: 1.1411500 MHz
-42.31 dBm



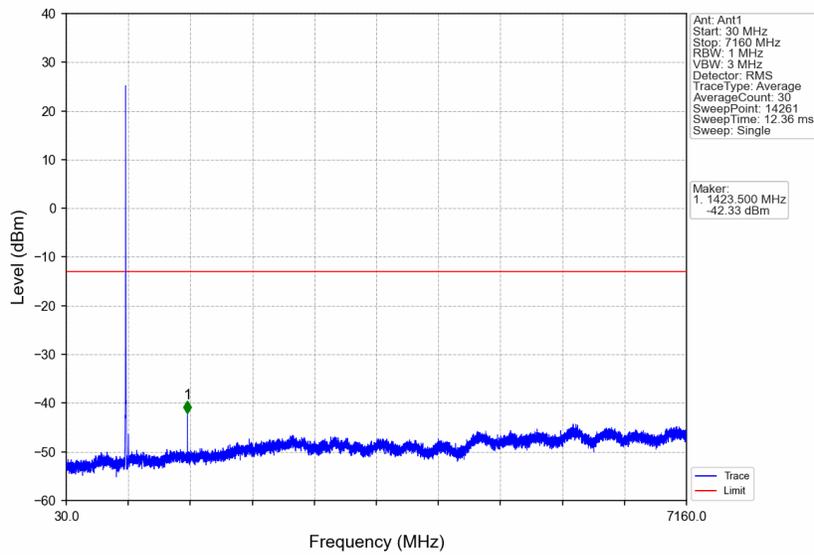
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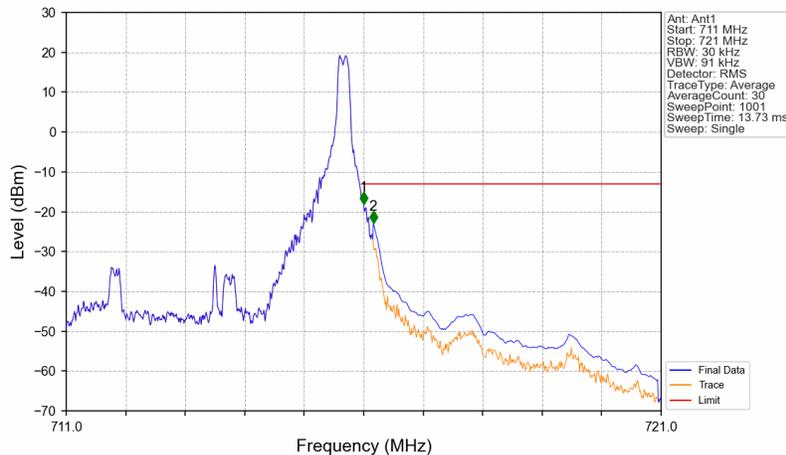
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Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_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	716.000	-18.12	-13	Pass
716.1	721	0.1	CHP	2	716.160	-22.99	-13	Pass

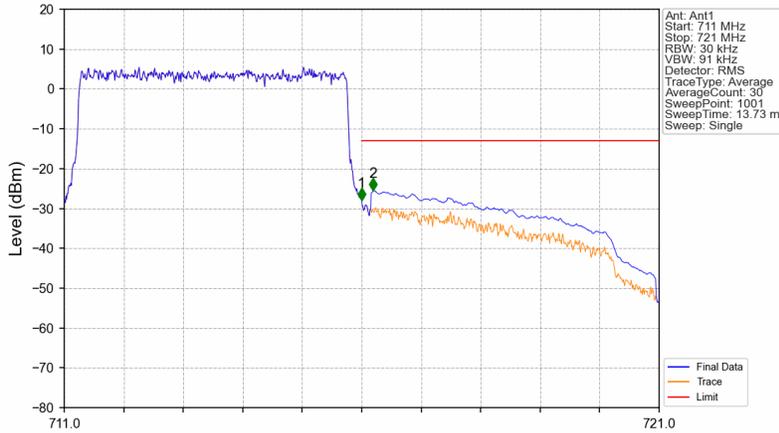


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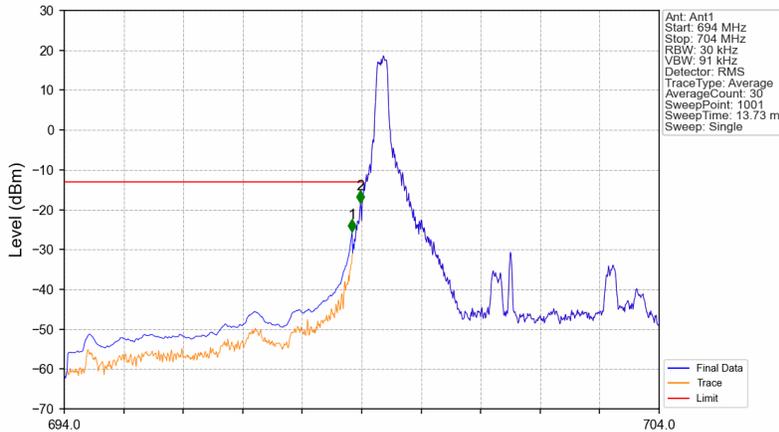
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Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



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	716.000	-27.94	-13	Pass
716.1	721	0.1	CHP	2	716.190	-25.57	-13	Pass

Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_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	-25.52	-13	Pass
698.9	699	0.03	/	2	698.980	-18.31	-13	Pass
699	704	0.03	/	/	/	/	/	/

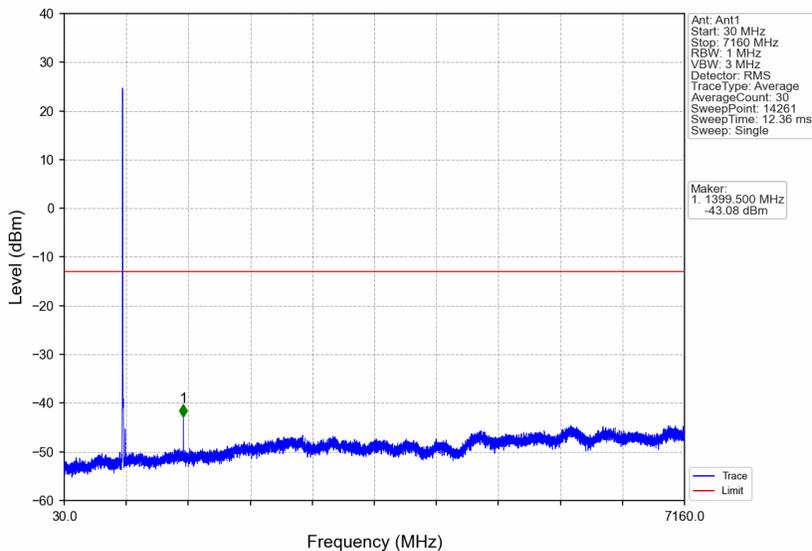


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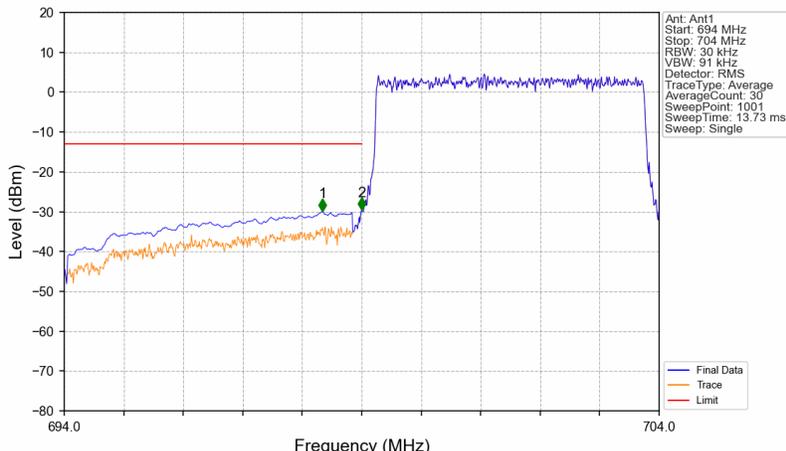
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Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



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	698.340	-29.84	-13	Pass
698.9	699	0.03	/	2	699.000	-29.52	-13	Pass
699	704	0.03	/	/	/	/	/	/

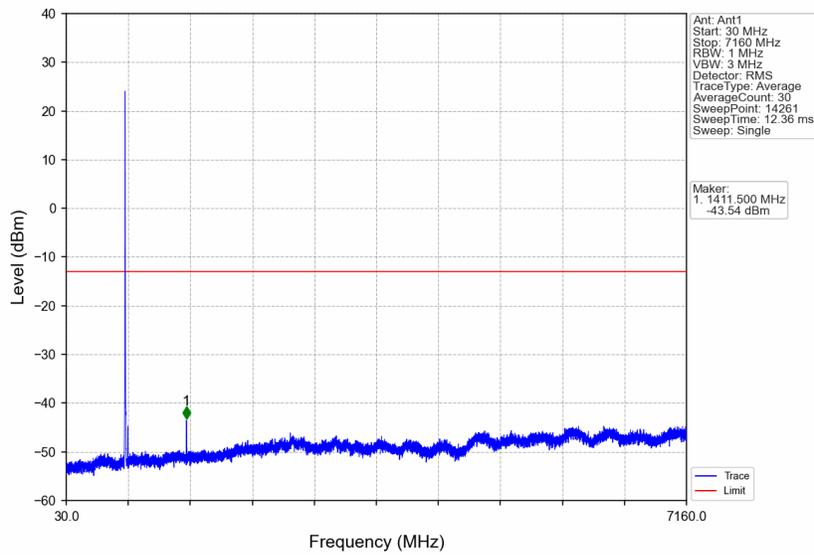


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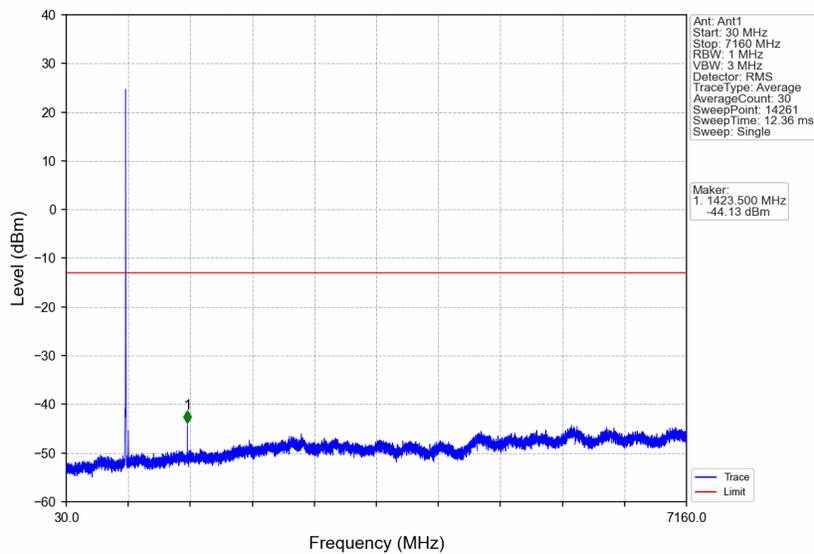
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Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



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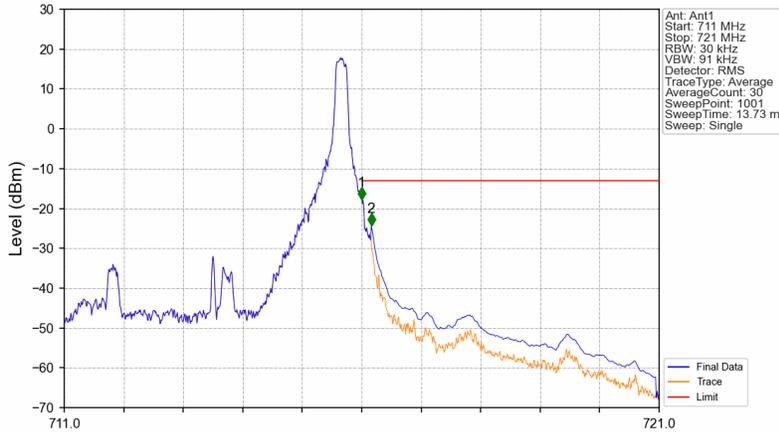
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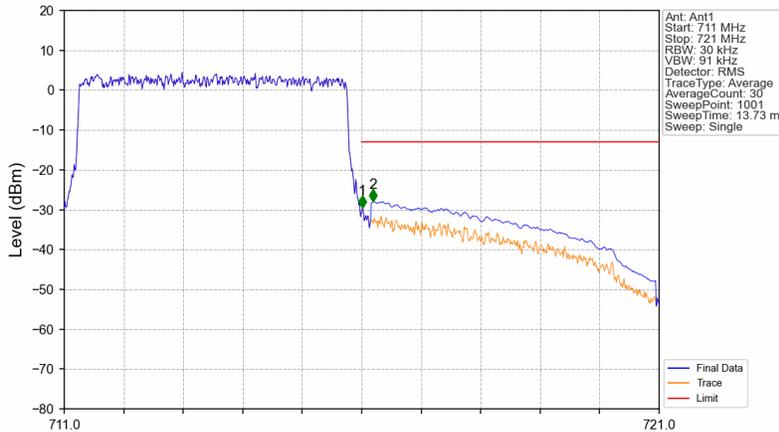
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Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



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	716.000	-17.77	-13	Pass
716.1	721	0.1	CHP	2	716.160	-24.36	-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	716.010	-29.56	-13	Pass
716.1	721	0.1	CHP	2	716.190	-27.95	-13	Pass

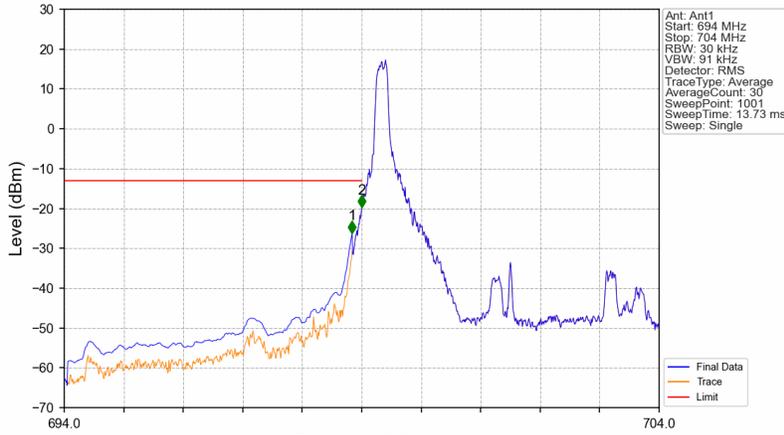


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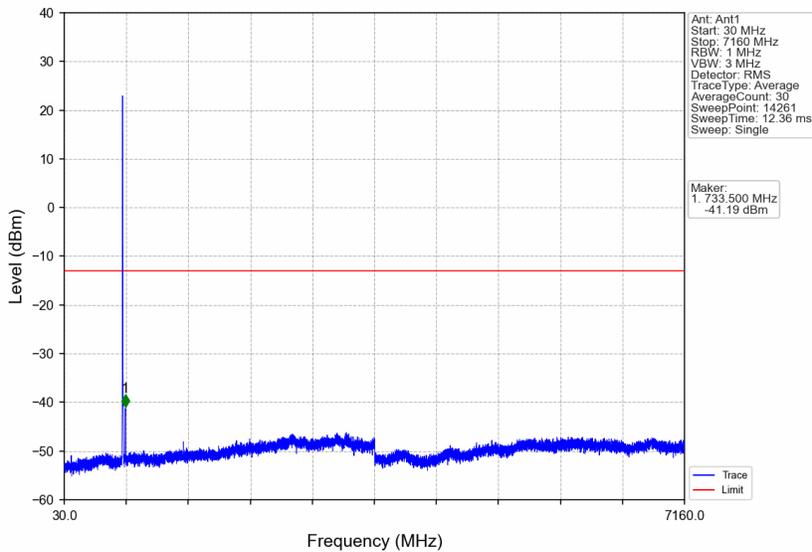
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Band12_5MHz_64QAM_LCH_701.5MHz_RB_1_0_NTNV



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	-26.18	-13	Pass
698.9	699	0.03	/	2	699.000	-19.77	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_64QAM_LCH_701.5MHz_RB_1_0_NTNV

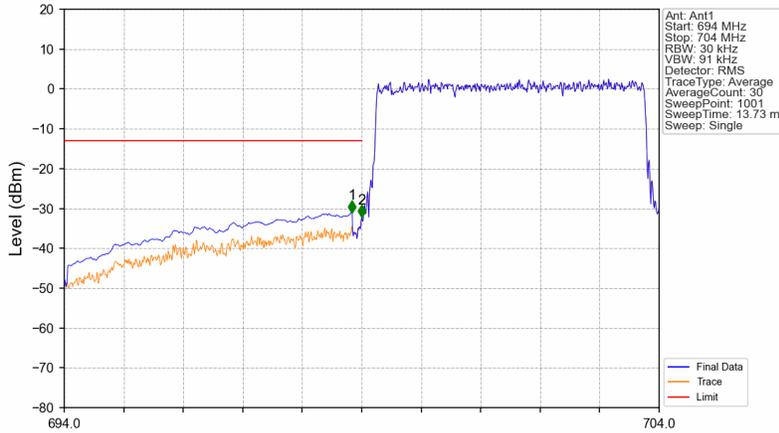


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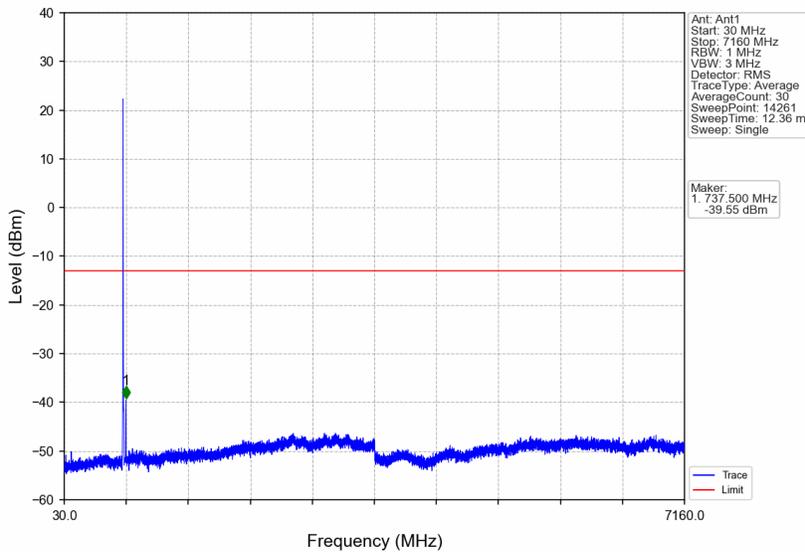
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Band12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV



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	-31.06	-13	Pass
698.9	699	0.03	/	2	699.000	-32.21	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12_5MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



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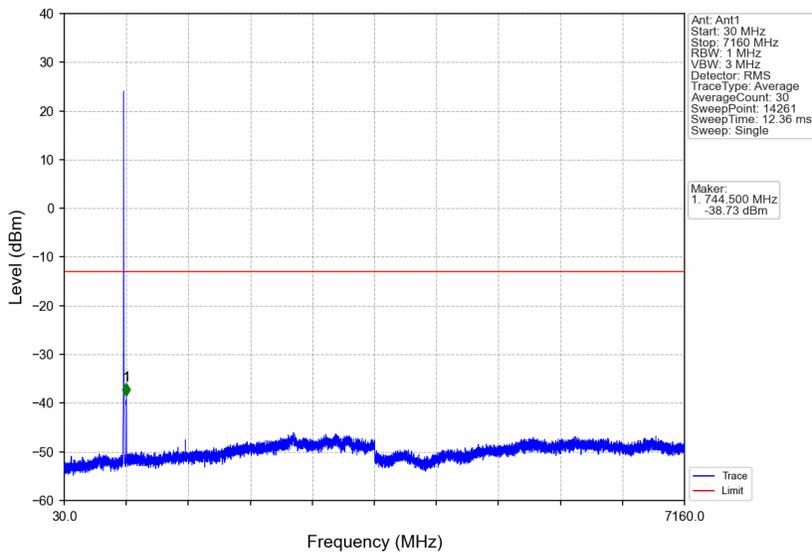
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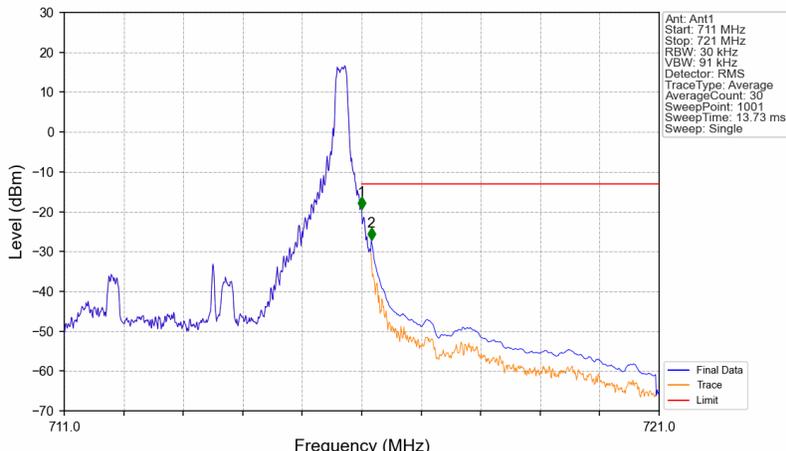
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Band12_5MHz_64QAM_HCH_713.5MHz_RB_1_0_NTNV



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	716.000	-19.35	-13	Pass
716.1	721	0.1	CHP	2	716.160	-27.16	-13	Pass

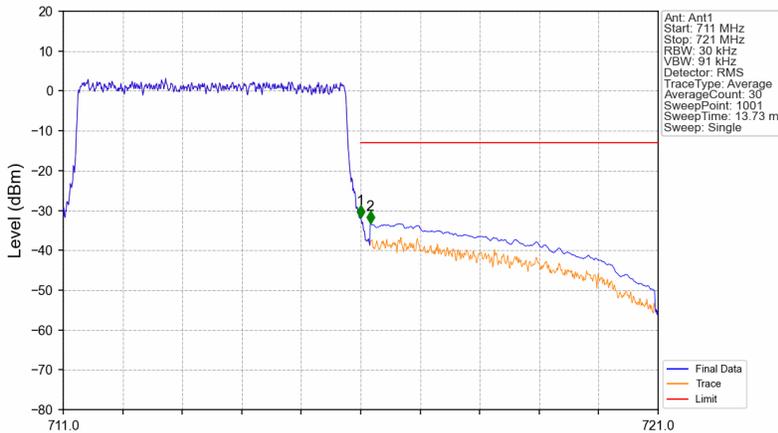


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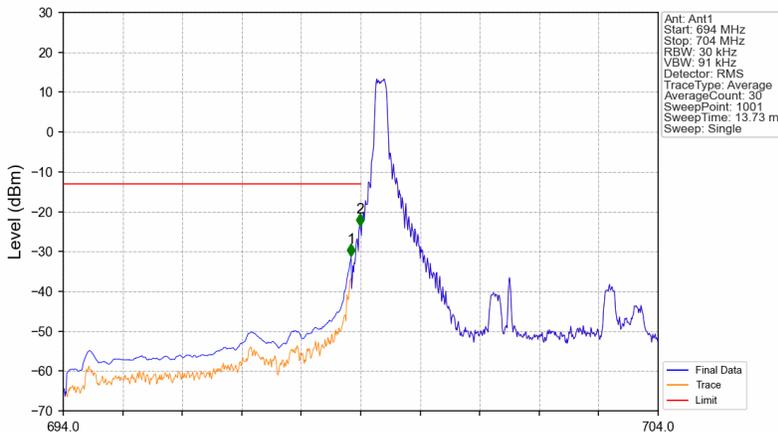
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-31.93	-13	Pass
716.1	721	0.1	CHP	2	716.160	-33.25	-13	Pass

Band12_5MHz_256QAM_LCH_701.5MHz_RB_1_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	-31.27	-13	Pass
698.9	699	0.03	/	2	698.990	-23.57	-13	Pass
699	704	0.03	/	/	/	/	/	/

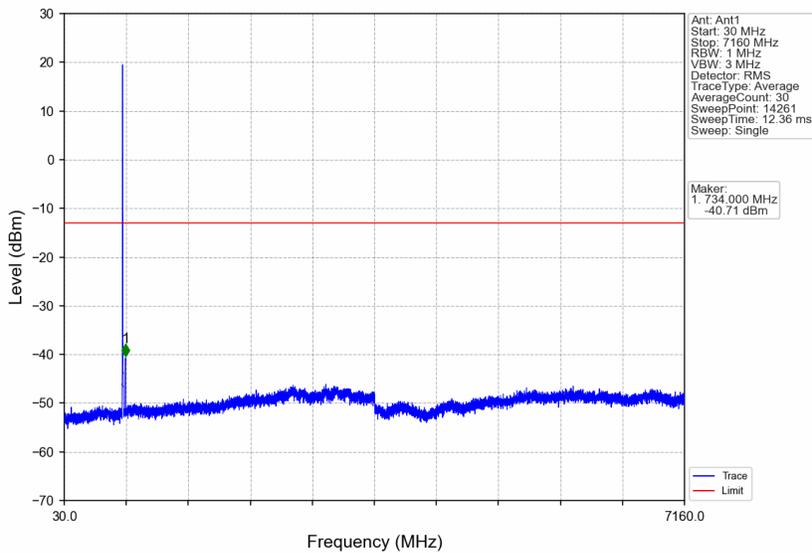


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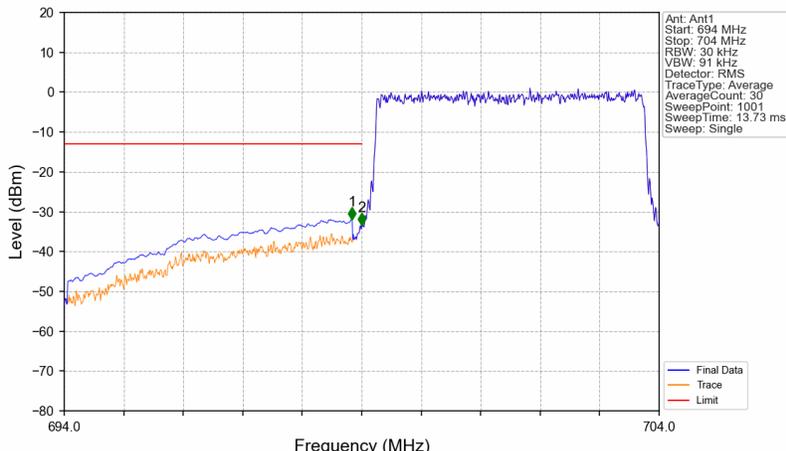
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Band12_5MHz_256QAM_LCH_701.5MHz_RB_1_0_NTNV



Band12_5MHz_256QAM_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	-31.96	-13	Pass
698.9	699	0.03	/	2	699.000	-33.36	-13	Pass
699	704	0.03	/	/	/	/	/	/

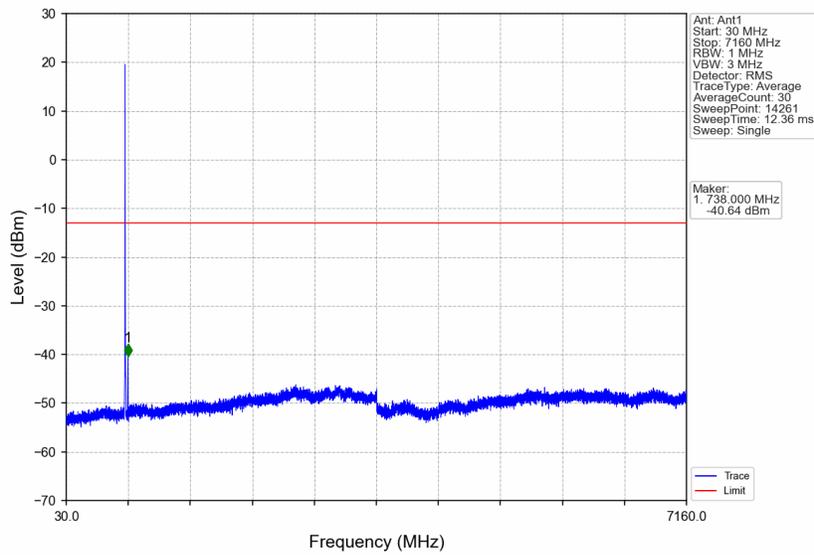


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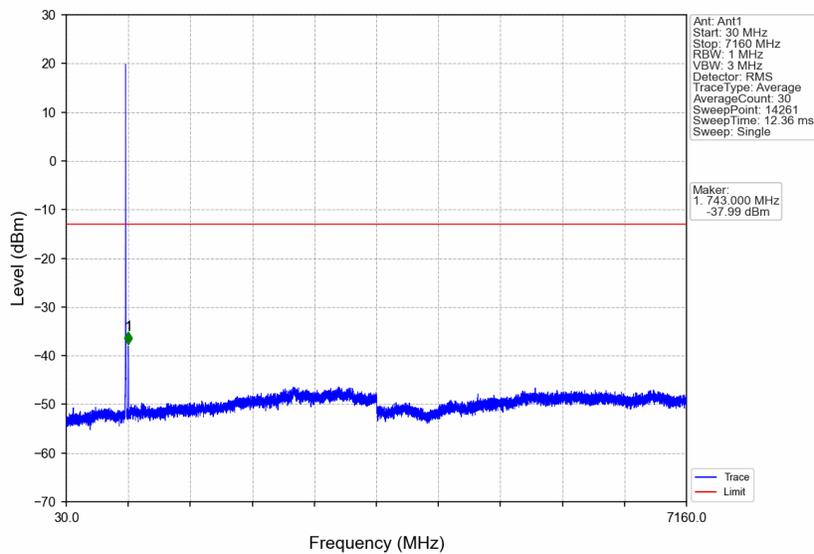
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Band12_5MHz_256QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_5MHz_256QAM_HCH_713.5MHz_RB_1_0_NTNV



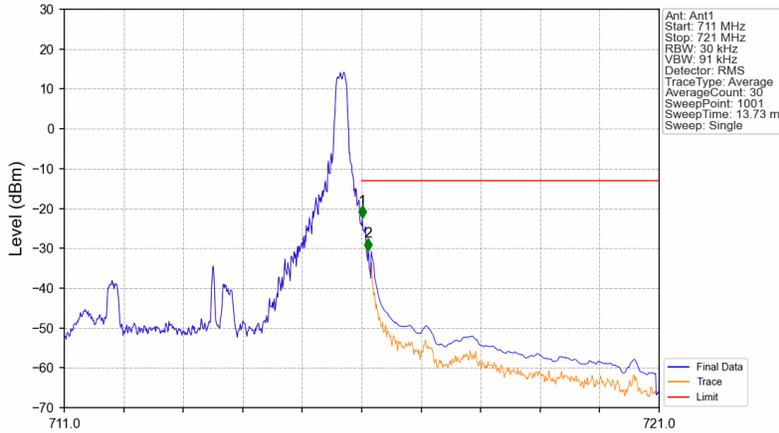
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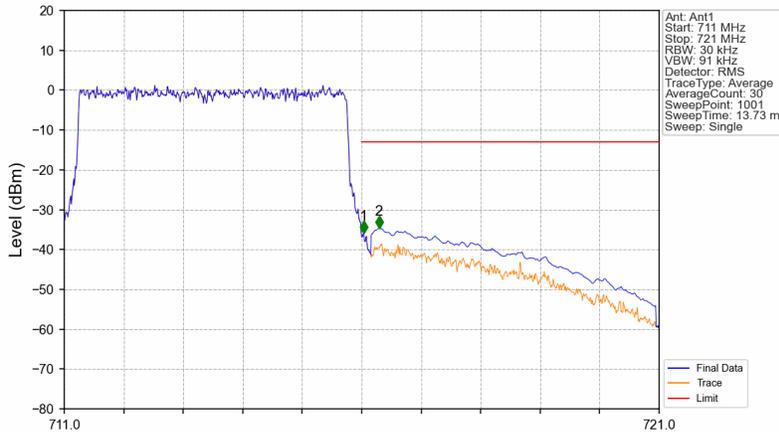
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Band12_5MHz_256QAM_HCH_713.5MHz_RB_1_24_NTNV



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	-22.42	-13	Pass
716.1	721	0.1	CHP	2	716.110	-30.61	-13	Pass

Band12_5MHz_256QAM_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	-35.91	-13	Pass
716.1	721	0.1	CHP	2	716.290	-34.66	-13	Pass



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5.4 B12_10MHz

5.4.1 Test Result

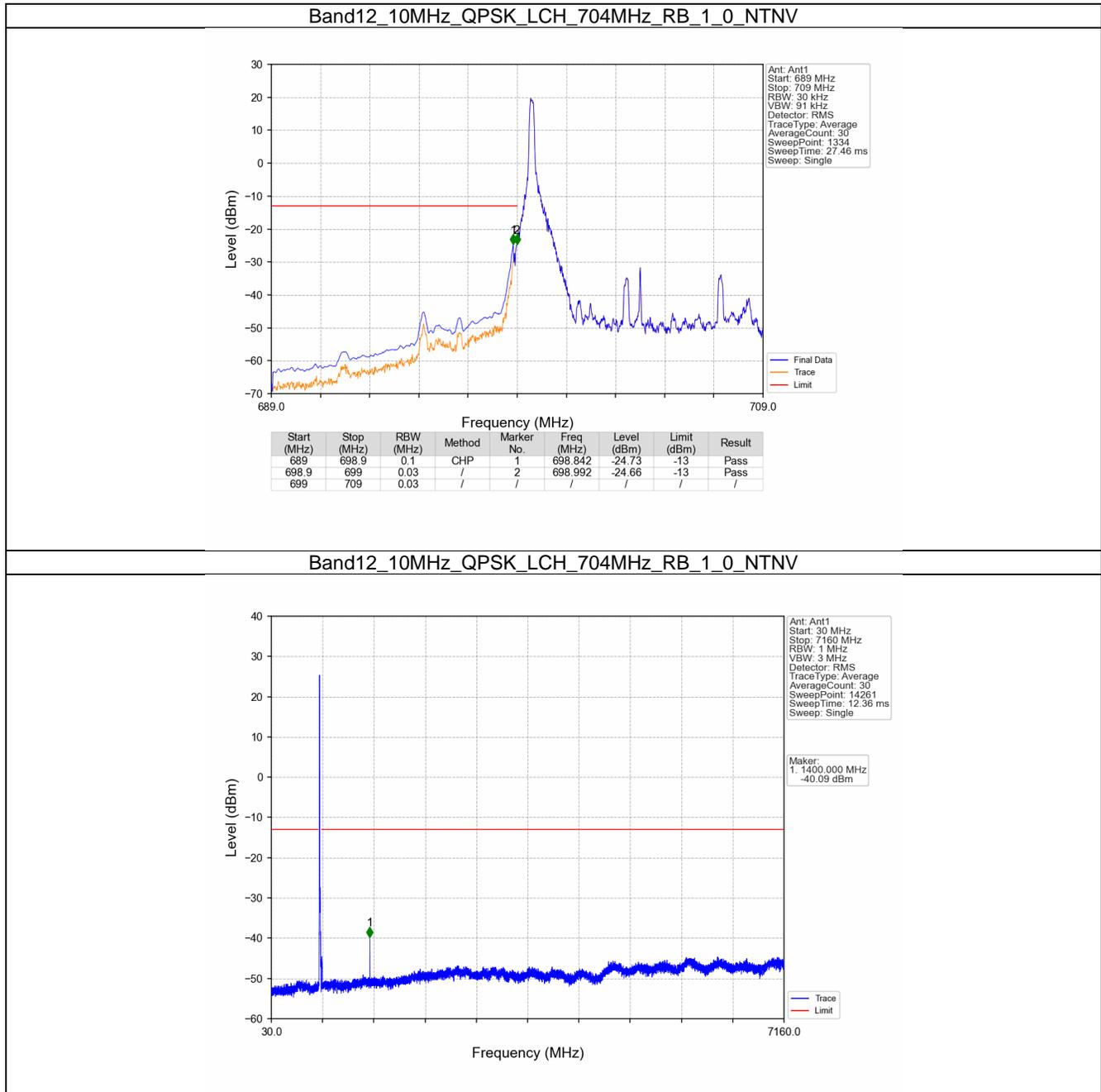
Band: 12 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
16QAM	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
64QAM	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
256QAM	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
711	1	0	Refer To Test Graph		Pass	
	50	0	Refer To Test Graph		Pass	



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5.4.2 Test Graph

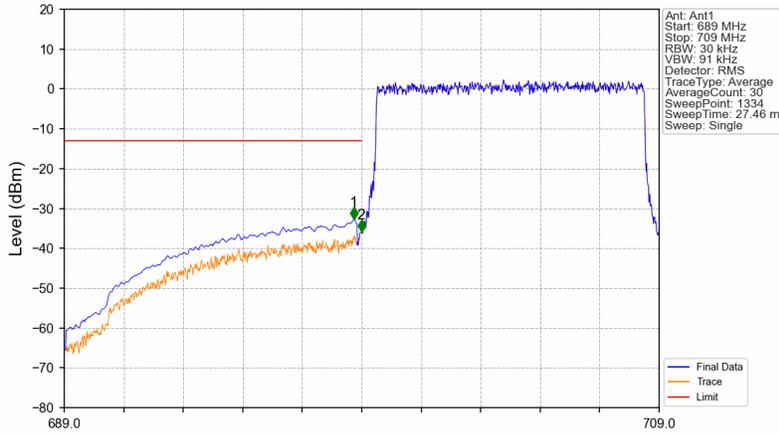


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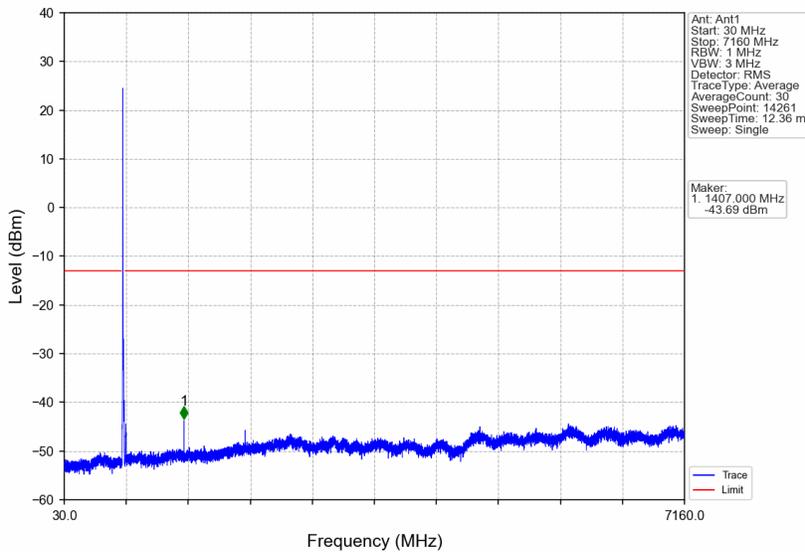
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Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.737	-32.81	-13	Pass
698.9	699	0.03	/	2	698.992	-35.99	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



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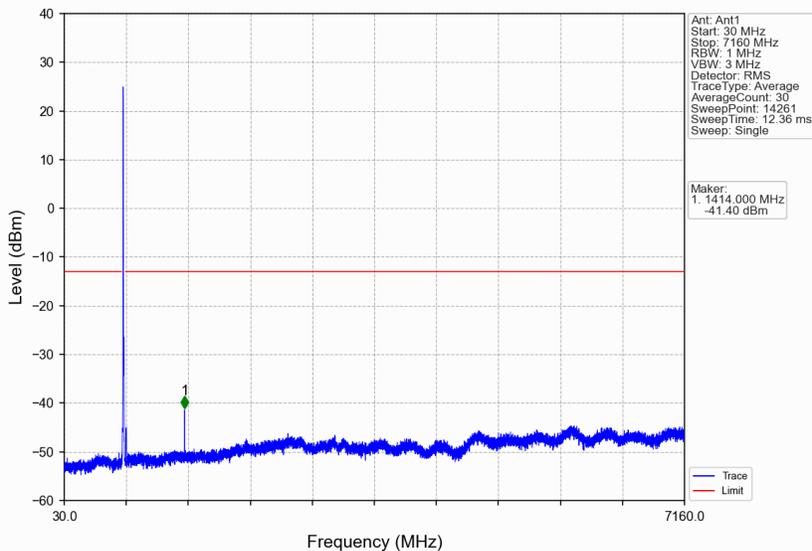
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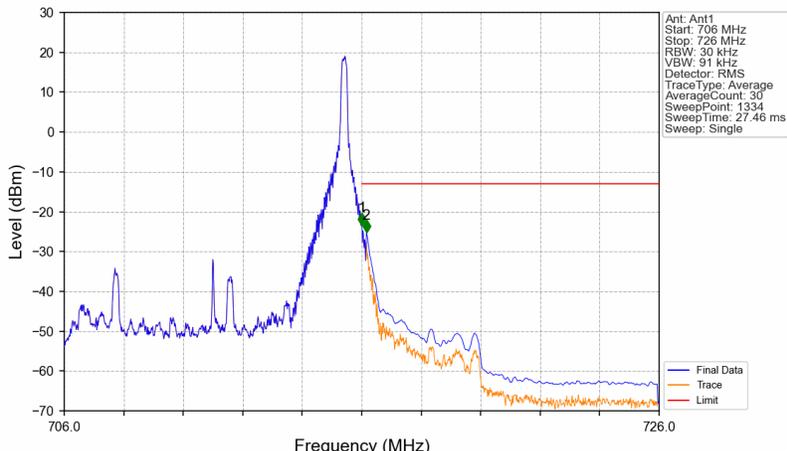
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Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_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	/	1	716.008	-23.35	-13	Pass
716	716.1	0.03	/	1	716.008	-23.35	-13	Pass
716.1	726	0.1	CHP	2	716.158	-25.23	-13	Pass

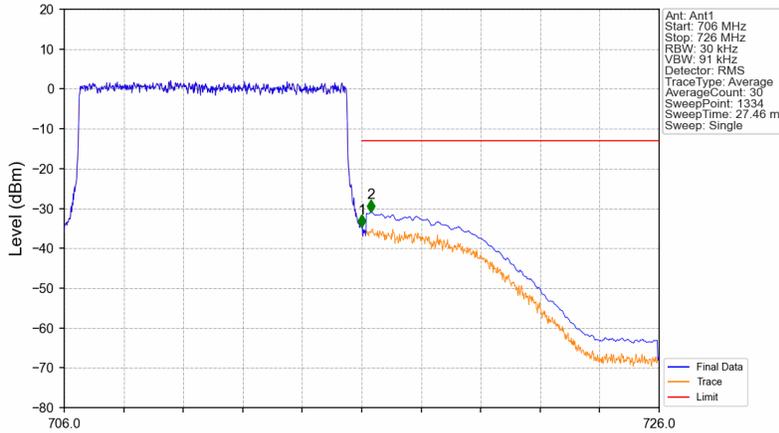


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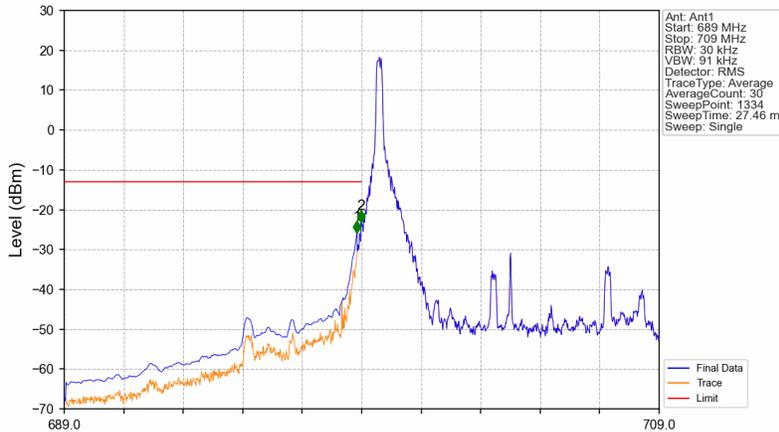
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Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



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	-34.65	-13	Pass
716.1	726	0.1	CHP	2	716.308	-30.89	-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	698.842	-25.88	-13	Pass
698.9	699	0.03	/	2	698.977	-23.30	-13	Pass
699	709	0.03	/	/	/	/	/	/

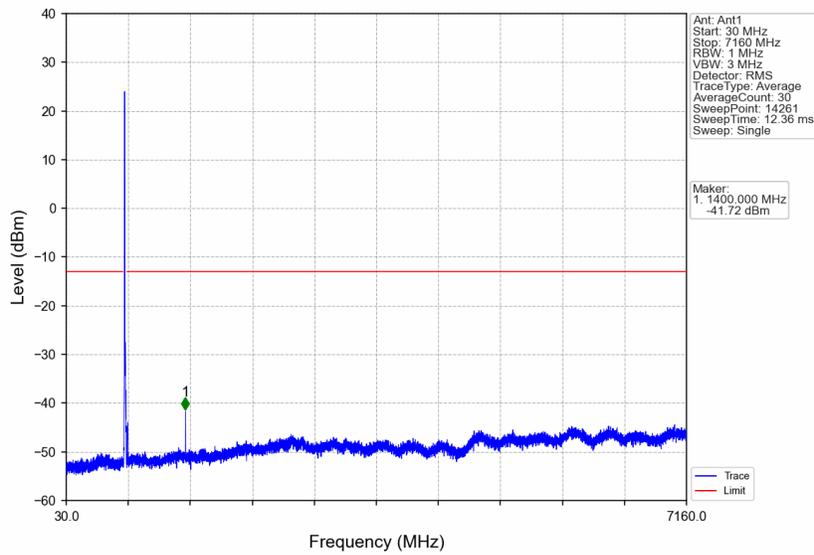


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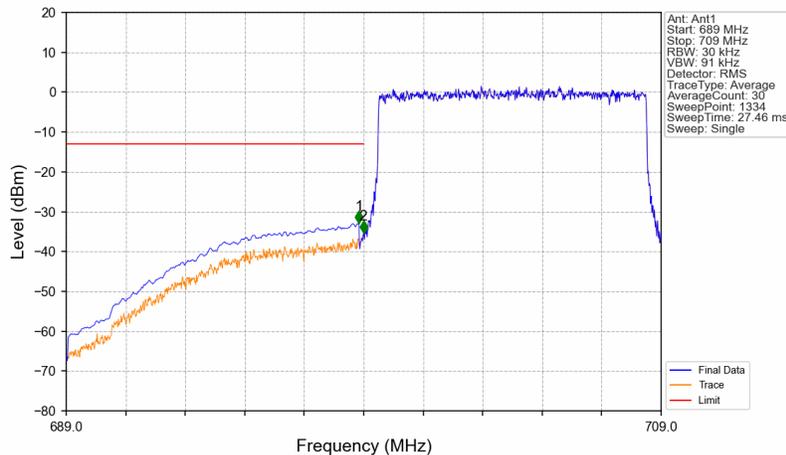
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Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



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	-32.90	-13	Pass
698.9	699	0.03	/	2	698.992	-35.37	-13	Pass
699	709	0.03	/	/	/	/	/	/

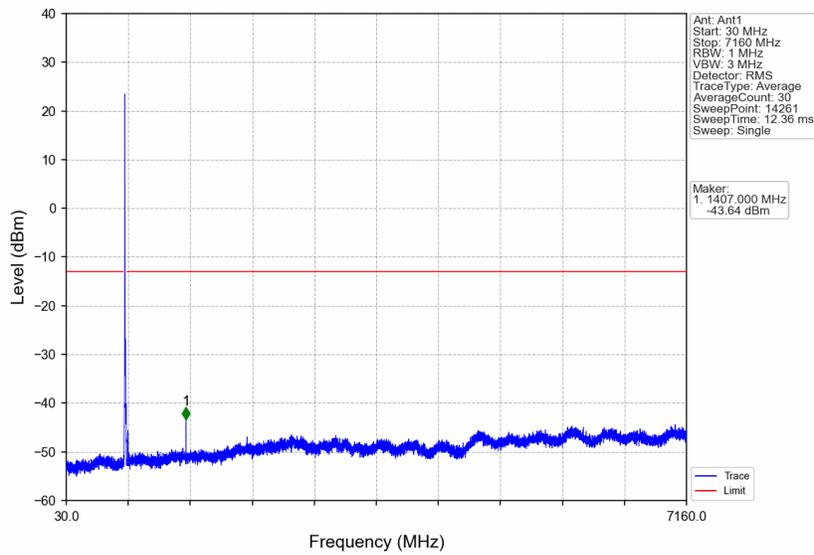


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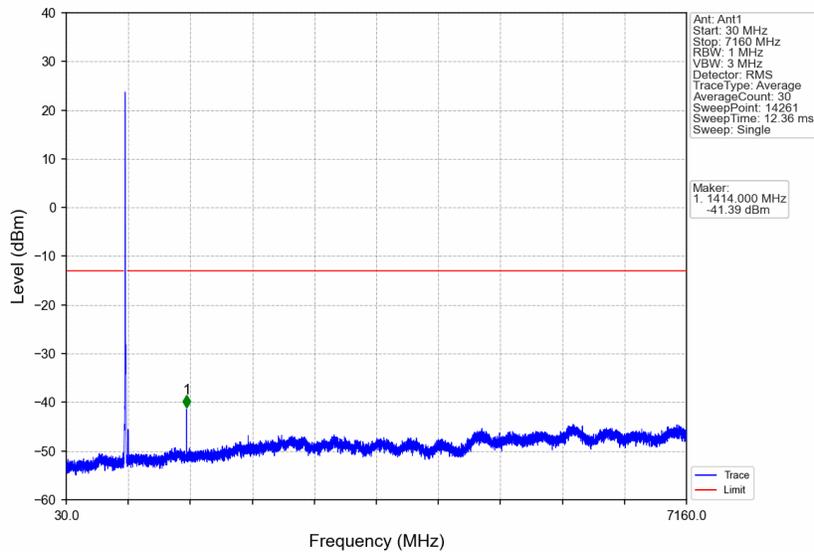
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Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



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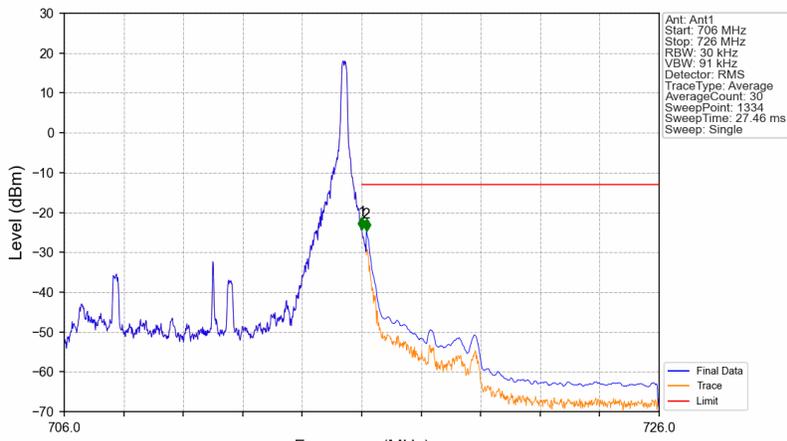
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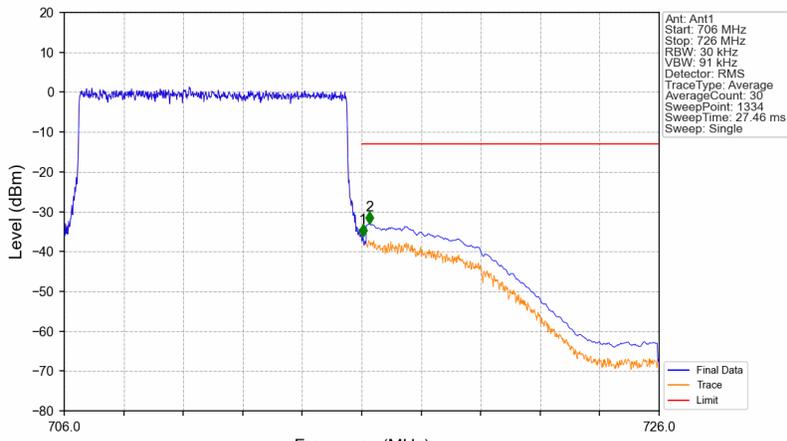
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Band12_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



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	-24.25	-13	Pass
716.1	726	0.1	CHP	2	716.158	-24.72	-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	716.038	-36.34	-13	Pass
716.1	726	0.1	CHP	2	716.263	-33.08	-13	Pass

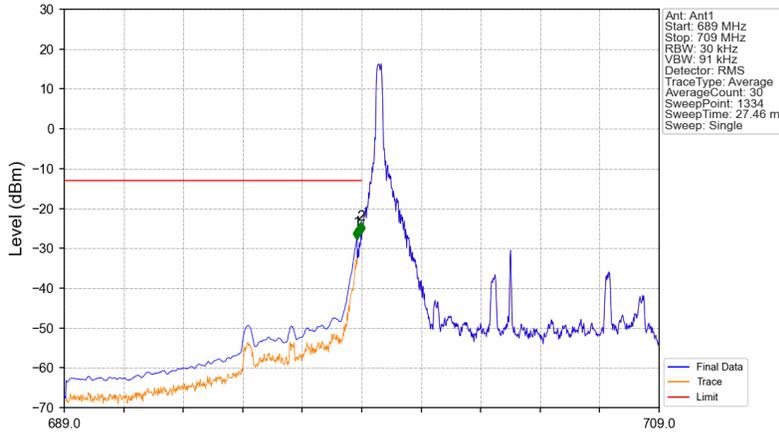


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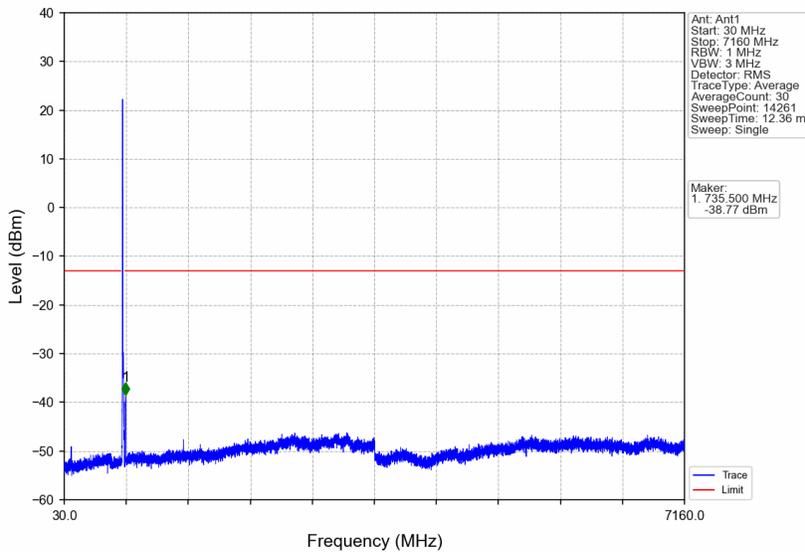
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Band12_10MHz_64QAM_LCH_704MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-27.77	-13	Pass
698.9	699	0.03	/	2	698.977	-26.37	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_64QAM_LCH_704MHz_RB_1_0_NTNV

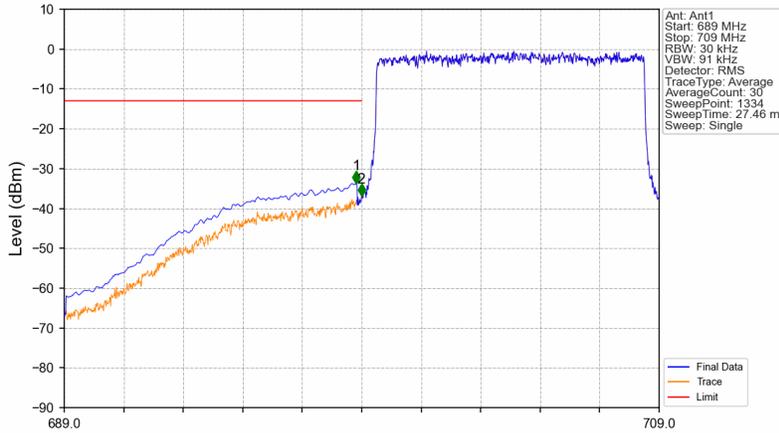


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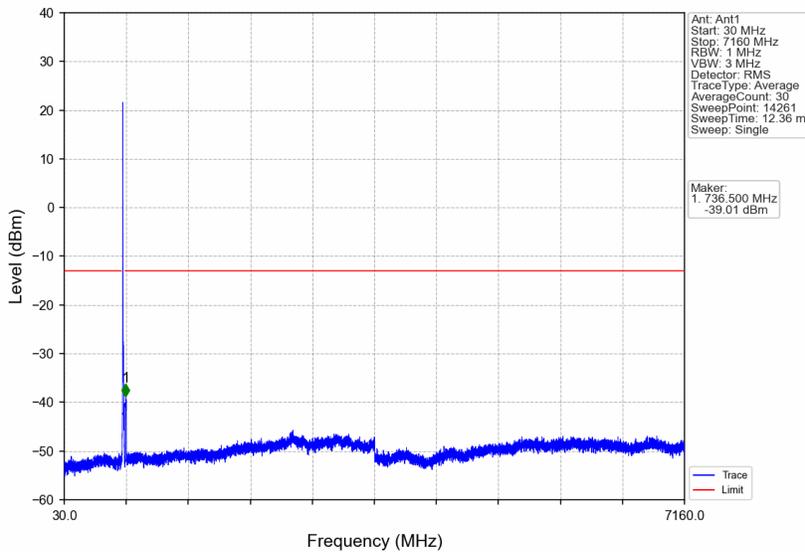
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Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.812	-33.66	-13	Pass
698.9	699	0.03	/	2	698.992	-36.89	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



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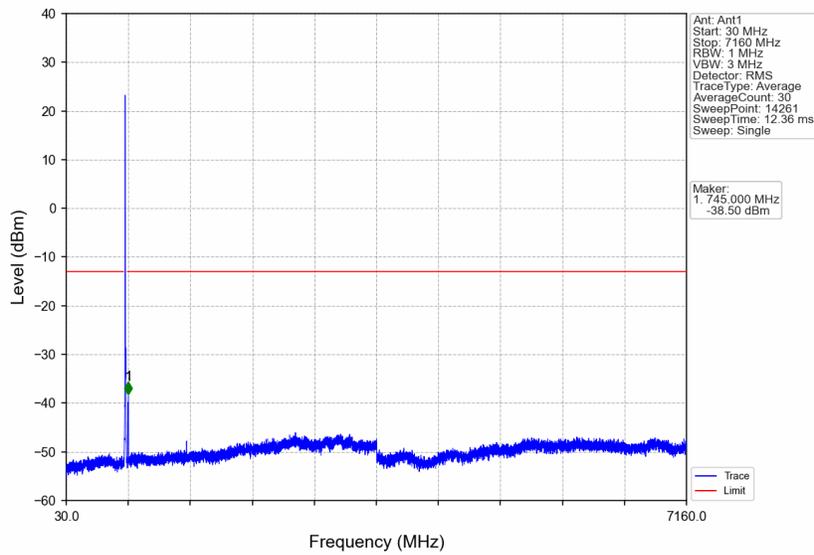
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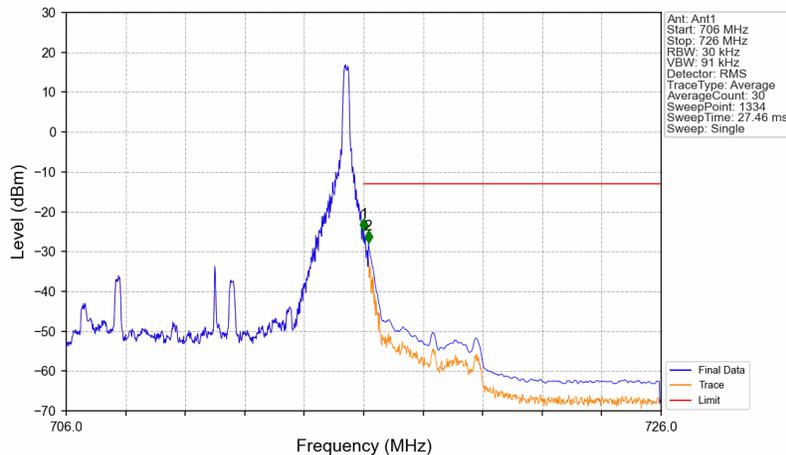
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Band12_10MHz_64QAM_HCH_711MHz_RB_1_0_NTNV



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	-24.92	-13	Pass
716.1	726	0.1	CHP	2	716.158	-27.86	-13	Pass

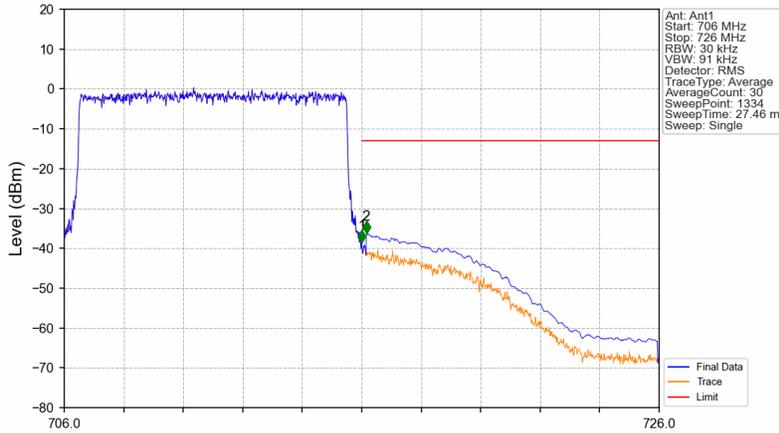


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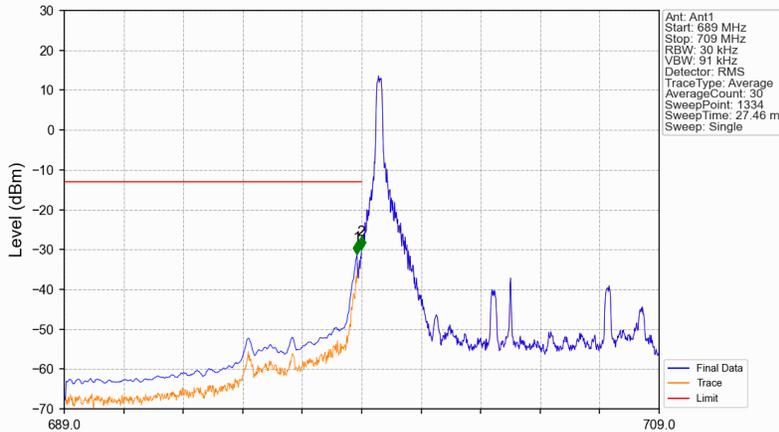
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Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



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	-38.54	-13	Pass
716.1	726	0.1	CHP	2	716.158	-36.34	-13	Pass

Band12_10MHz_256QAM_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	698.842	-31.28	-13	Pass
698.9	699	0.03	/	2	698.992	-29.77	-13	Pass
699	709	0.03	/	/	/	/	/	/

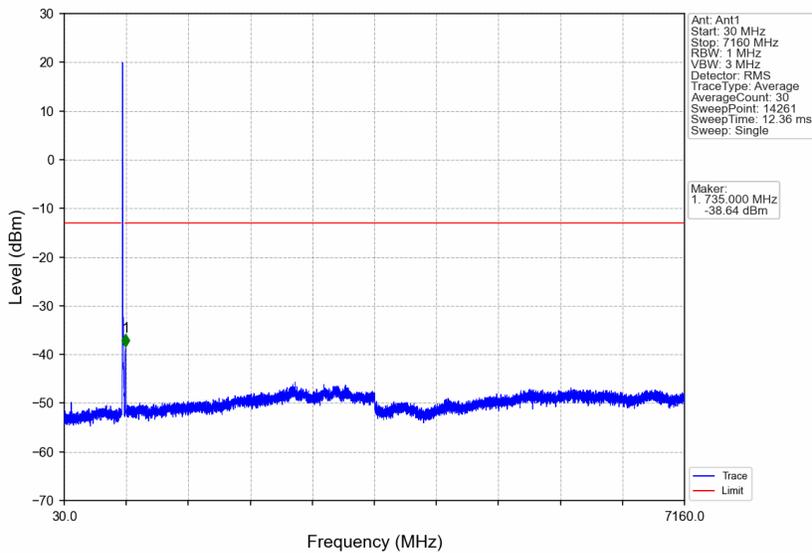


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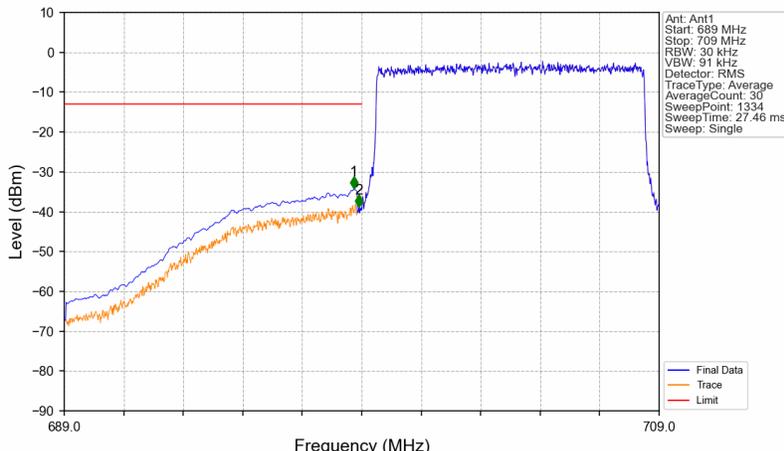
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Band12_10MHz_256QAM_LCH_704MHz_RB_1_0_NTNV



Band12_10MHz_256QAM_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	698.737	-34.28	-13	Pass
698.9	699	0.03	/	2	698.902	-38.92	-13	Pass
699	709	0.03	/	/	/	/	/	/

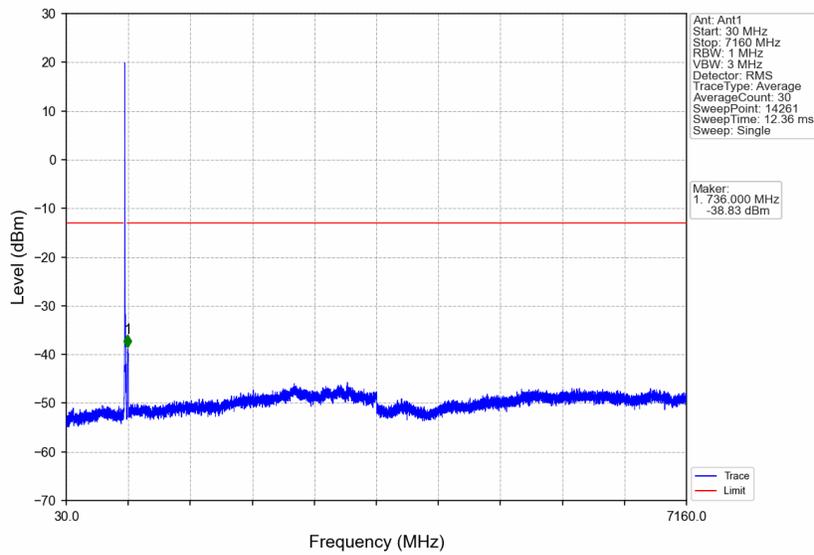


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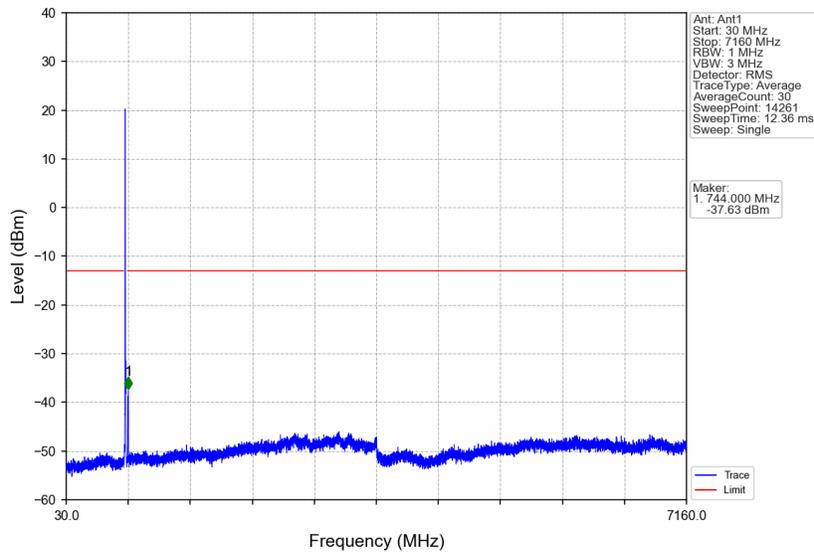
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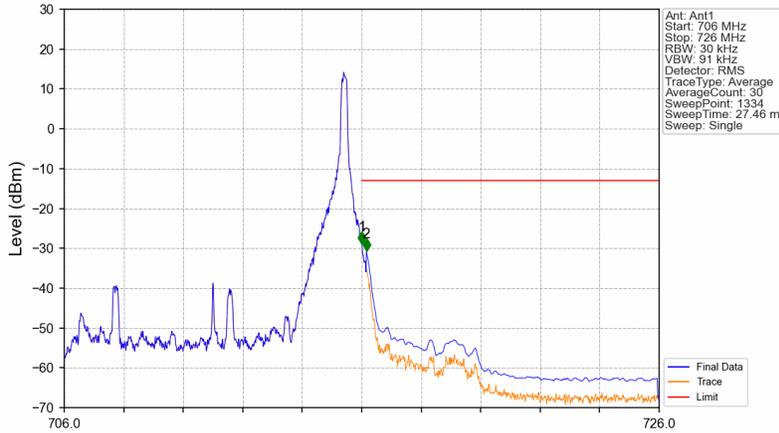


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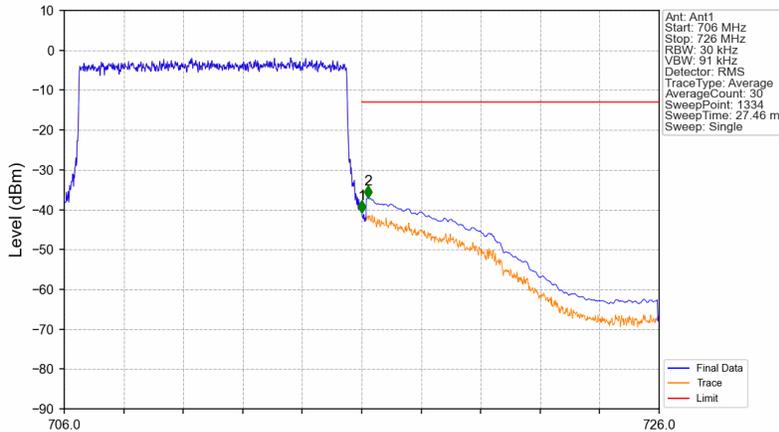
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Band12_10MHz_256QAM_HCH_711MHz_RB_1_49_NTNV



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	-28.96	-13	Pass
716.1	726	0.1	CHP	2	716.158	-30.68	-13	Pass

Band12_10MHz_256QAM_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	-40.81	-13	Pass
716.1	726	0.1	CHP	2	716.218	-37.11	-13	Pass



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6. Field Strength of Spurious Radiation

Test Band = LTE Band 12_ TM1
Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1399.18	46.78	-50.01	24.30	-74.19	-13.00	61.19	Horizontal
2	2098.77	46.66	-49.46	26.82	-71.24	-13.00	58.24	Horizontal
3	2798.36	45.13	-48.68	28.02	-70.80	-13.00	57.80	Horizontal
4	3497.95	45.05	-48.44	28.70	-69.95	-13.00	56.95	Horizontal
5	4197.54	44.24	-48.36	29.76	-69.62	-13.00	56.62	Horizontal
6	4897.13	44.99	-48.17	31.25	-67.18	-13.00	54.18	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1399.18	46.95	-50.01	24.30	-74.02	-13.00	61.02	Vertical
2	2098.77	46.35	-49.46	26.82	-71.55	-13.00	58.55	Vertical
3	2798.36	45.30	-48.68	28.02	-70.63	-13.00	57.63	Vertical
4	3497.95	45.08	-48.44	28.70	-69.92	-13.00	56.92	Vertical
5	4197.54	44.03	-48.36	29.76	-69.83	-13.00	56.83	Vertical
6	4897.13	44.53	-48.17	31.25	-67.64	-13.00	54.64	Vertical



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Test Band = LTE Band 12_TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406.18	47.65	-50.00	24.33	-73.28	-13.00	60.28	Horizontal
2	2109.27	47.10	-49.46	26.83	-70.79	-13.00	57.79	Horizontal
3	2812.36	45.32	-48.69	28.05	-70.58	-13.00	57.58	Horizontal
4	3515.45	45.20	-48.44	28.72	-69.78	-13.00	56.78	Horizontal
5	4218.54	43.93	-48.30	29.79	-69.83	-13.00	56.83	Horizontal
6	4921.63	44.40	-48.12	31.31	-67.67	-13.00	54.67	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406.18	46.73	-50.00	24.33	-74.20	-13.00	61.20	Vertical
2	2109.27	46.67	-49.46	26.83	-71.22	-13.00	58.22	Vertical
3	2812.36	45.49	-48.69	28.05	-70.41	-13.00	57.41	Vertical
4	3515.45	45.48	-48.44	28.72	-69.50	-13.00	56.50	Vertical
5	4218.54	43.90	-48.30	29.79	-69.86	-13.00	56.86	Vertical
6	4921.63	44.29	-48.12	31.31	-67.78	-13.00	54.78	Vertical



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Test Band = LTE Band 12_TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413.18	49.04	-49.99	24.35	-71.85	-13.00	58.85	Horizontal
2	2119.77	46.33	-49.47	26.84	-71.55	-13.00	58.55	Horizontal
3	2826.36	45.54	-48.71	28.08	-70.34	-13.00	57.34	Horizontal
4	3532.95	44.74	-48.45	28.75	-70.22	-13.00	57.22	Horizontal
5	4239.54	44.08	-48.23	29.83	-69.58	-13.00	56.58	Horizontal
6	4946.13	44.00	-48.07	31.37	-67.96	-13.00	54.96	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413.18	47.22	-49.99	24.35	-73.67	-13.00	60.67	Vertical
2	2119.77	45.85	-49.47	26.84	-72.03	-13.00	59.03	Vertical
3	2826.36	45.57	-48.71	28.08	-70.31	-13.00	57.31	Vertical
4	3532.95	44.66	-48.45	28.75	-70.30	-13.00	57.30	Vertical
5	4239.54	44.06	-48.23	29.83	-69.60	-13.00	56.60	Vertical
6	4946.13	43.86	-48.07	31.37	-68.10	-13.00	55.10	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---



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