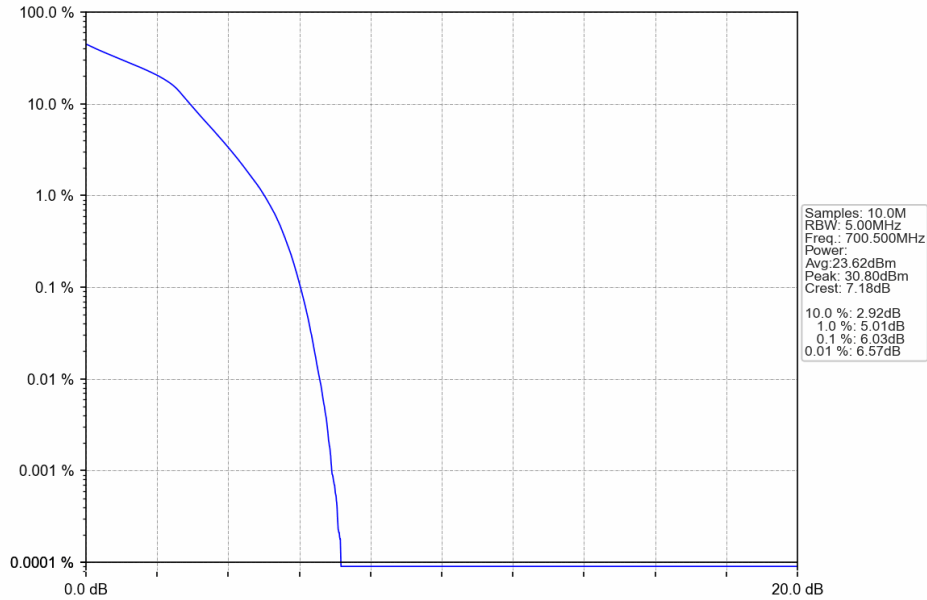




Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



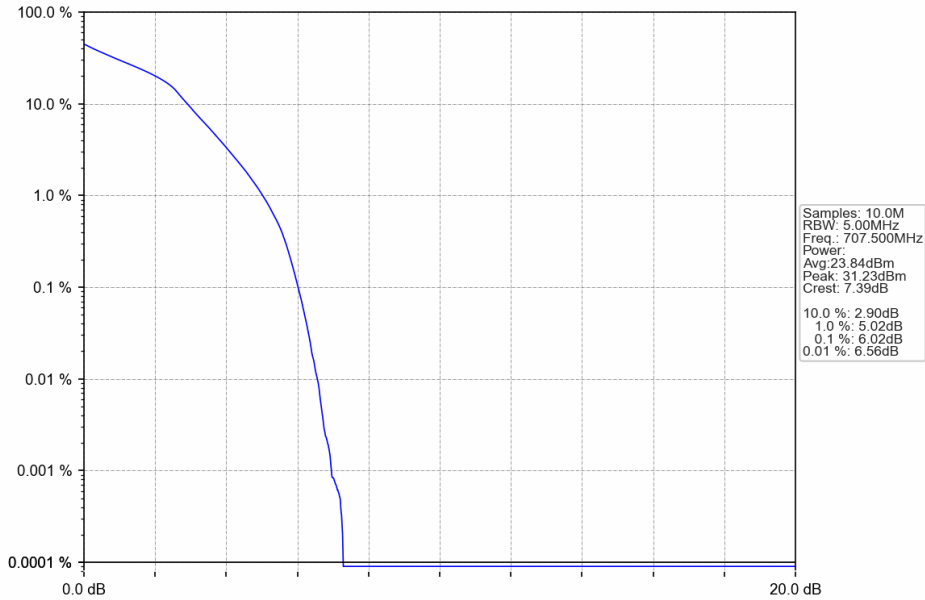
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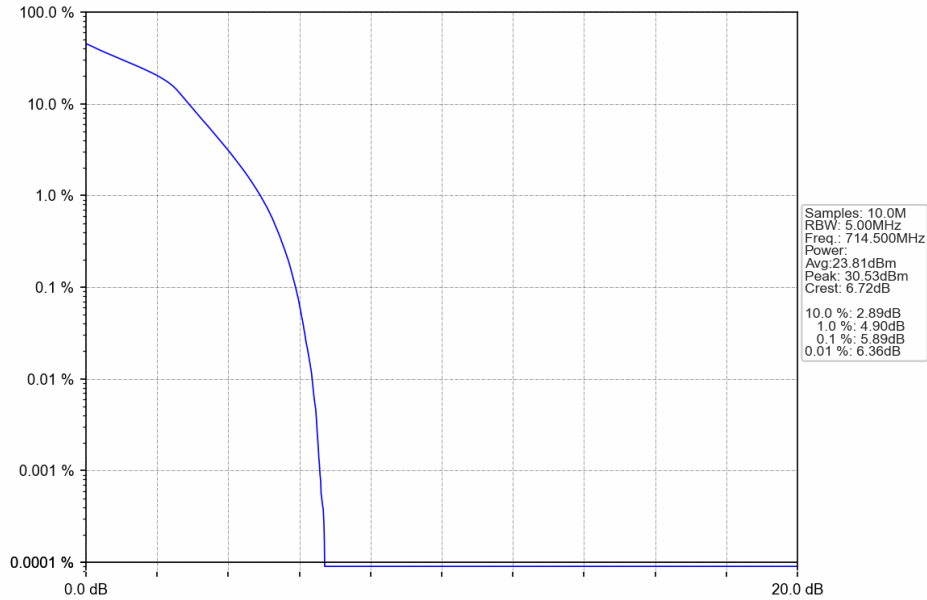
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Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



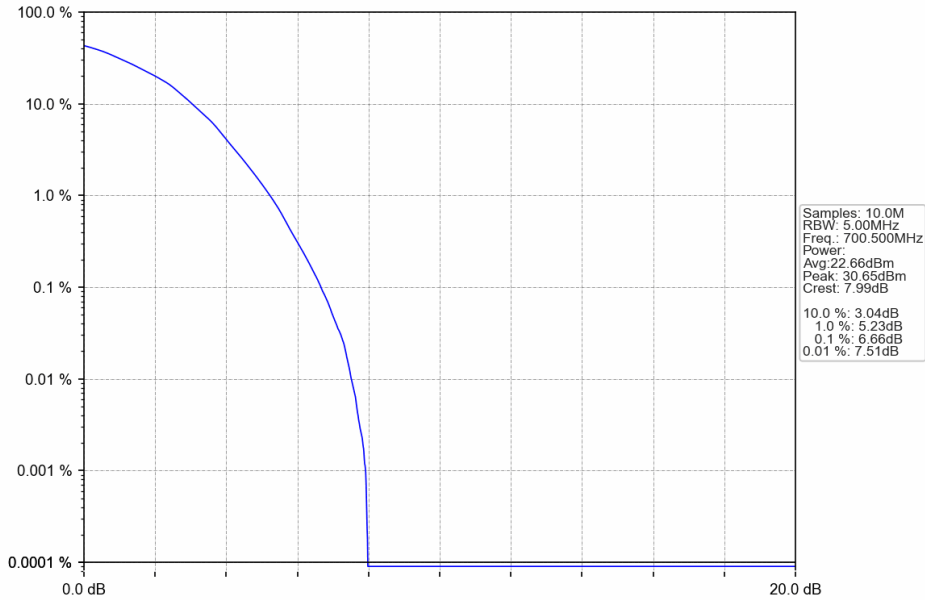
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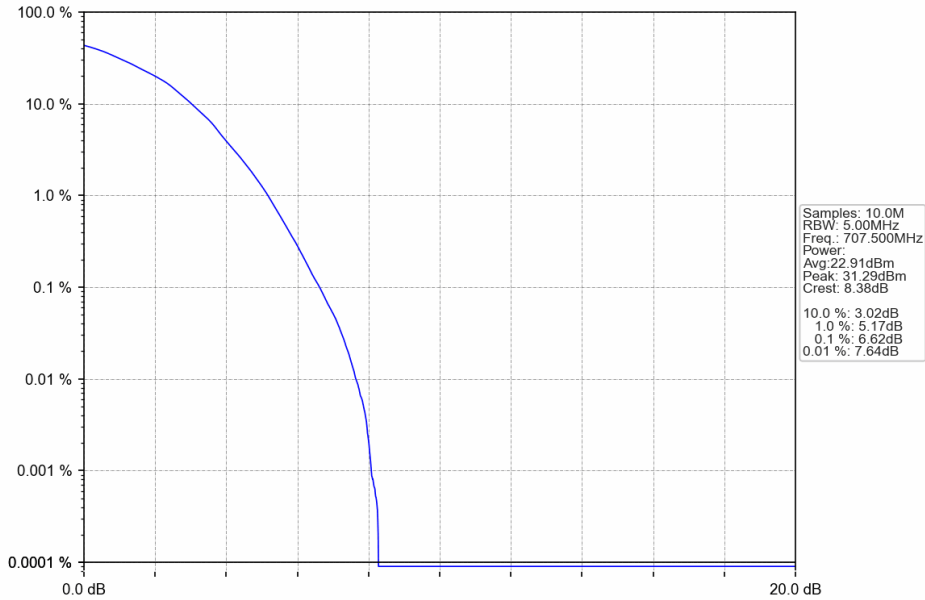
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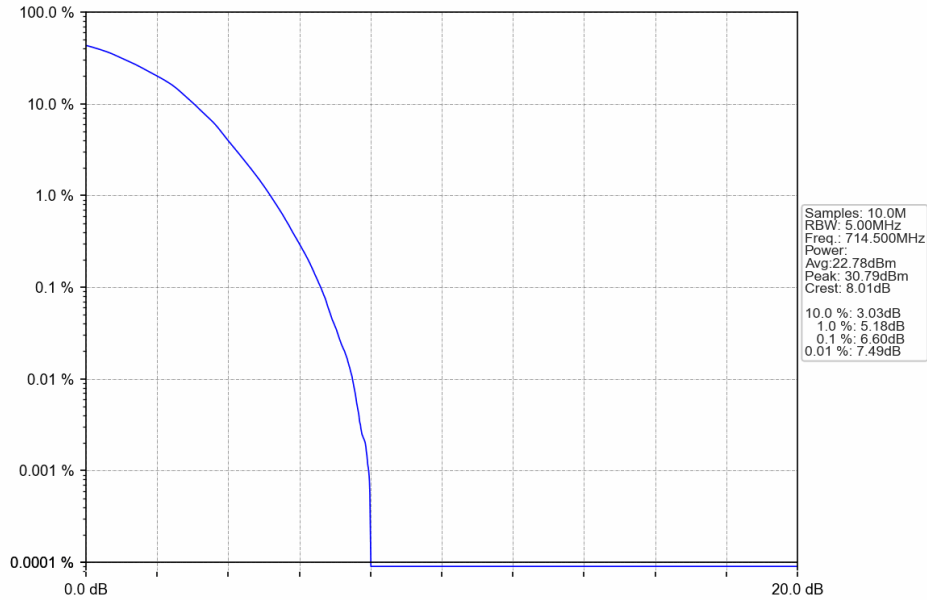
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3.3 B12_5MHz

3.3.1 Test Result

Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.28	<=13	Pass
	707.5	25	0	5.29	<=13	Pass
	713.5	25	0	5.22	<=13	Pass
16QAM	701.5	25	0	6.01	<=13	Pass
	707.5	25	0	6.06	<=13	Pass
	713.5	25	0	5.96	<=13	Pass
64QAM	701.5	25	0	6.56	<=13	Pass
	707.5	25	0	6.60	<=13	Pass
	713.5	25	0	6.52	<=13	Pass

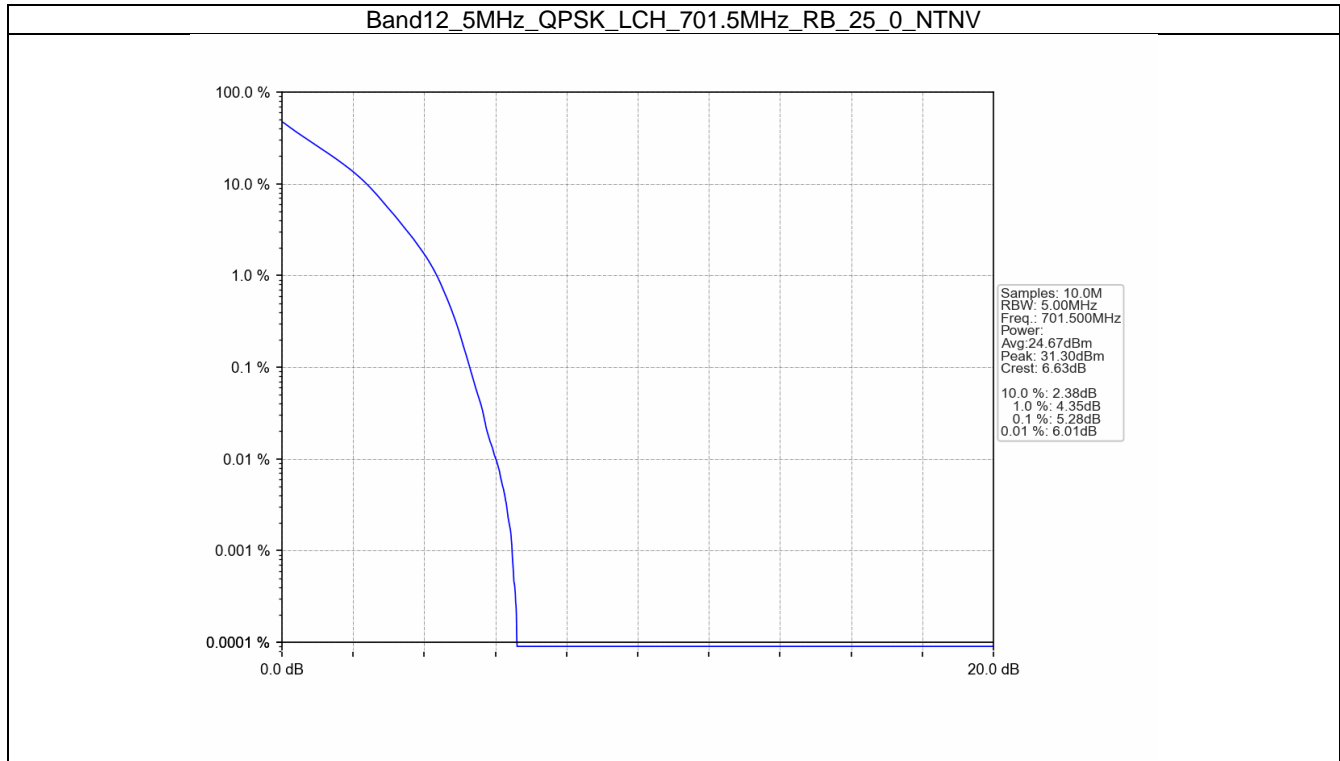


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3.3.2 Test Graph



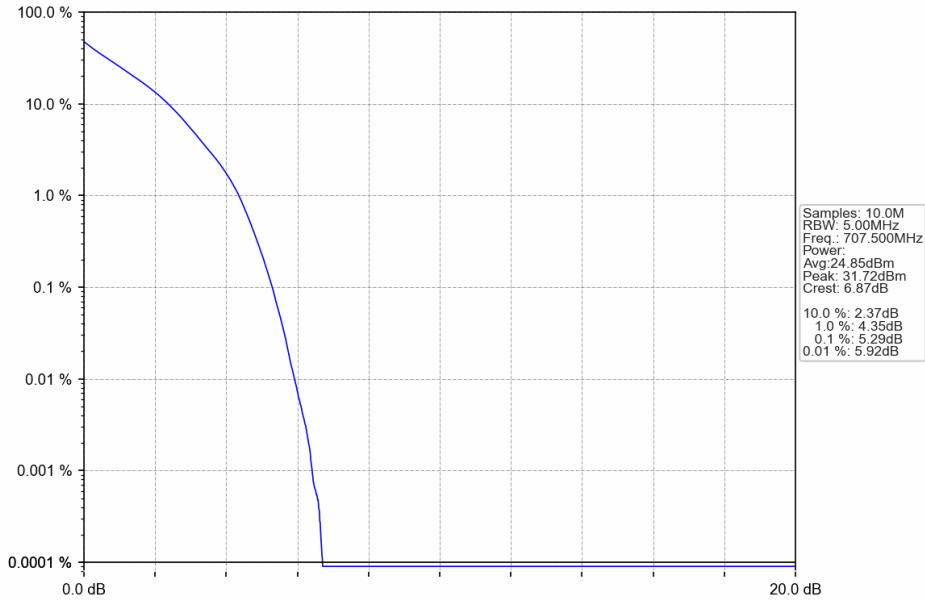
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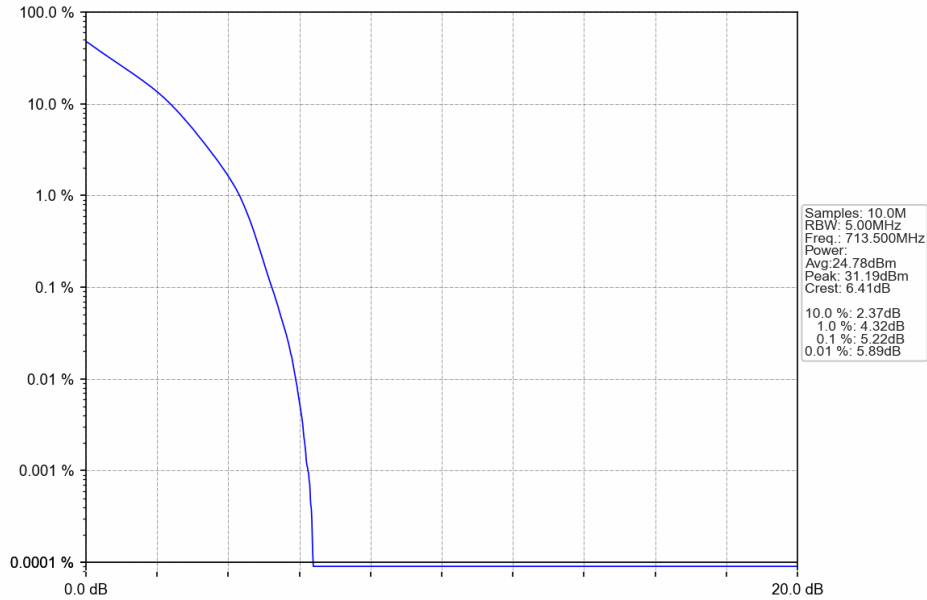
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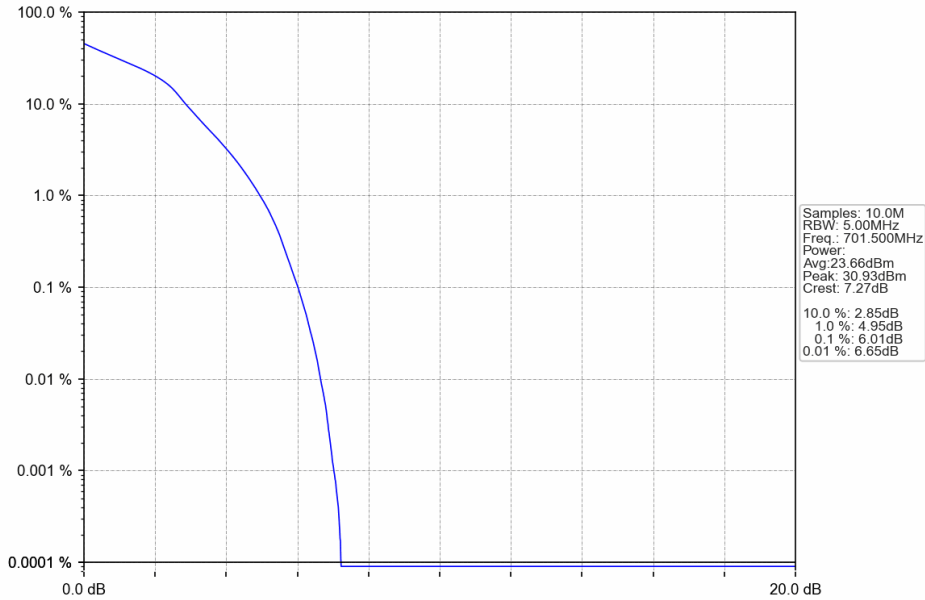
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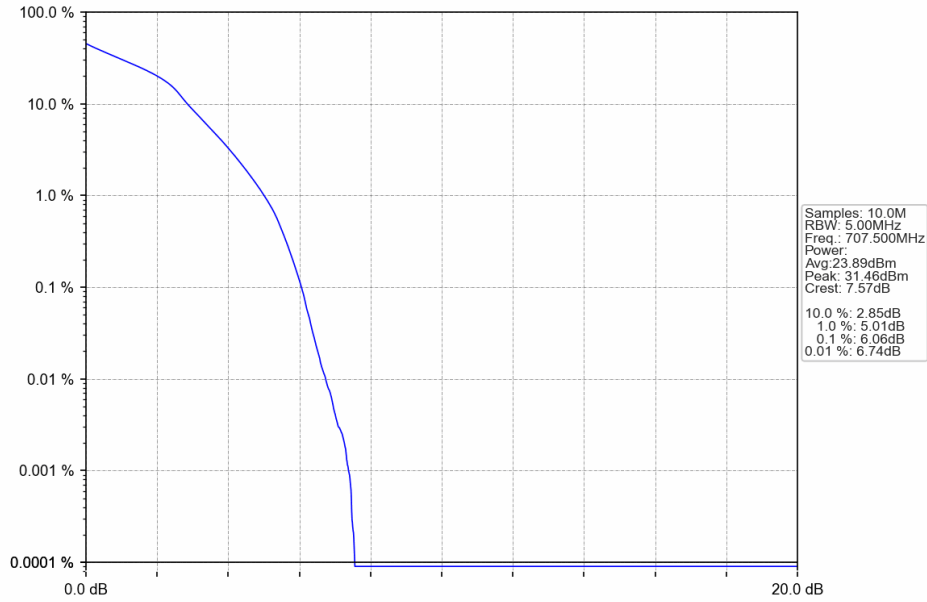
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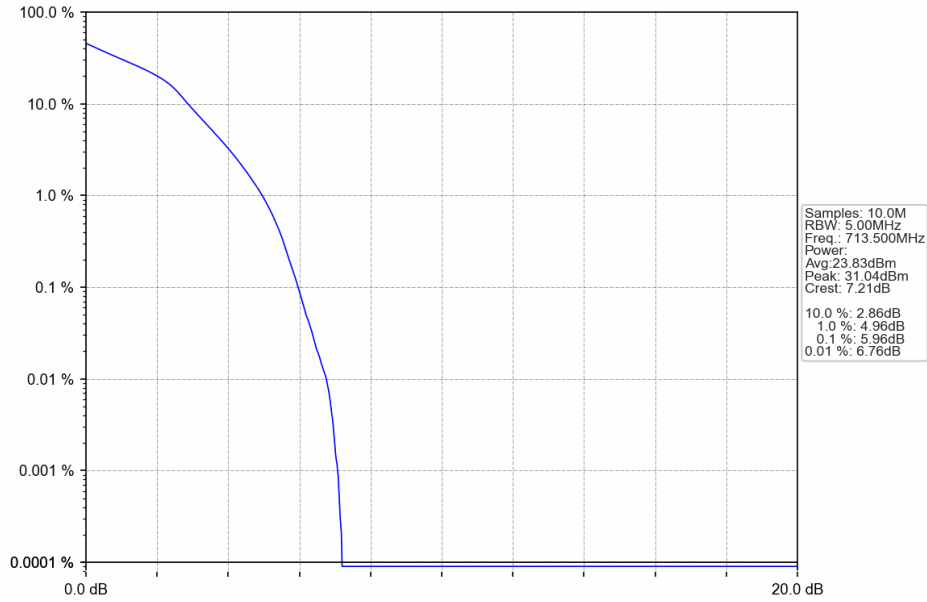
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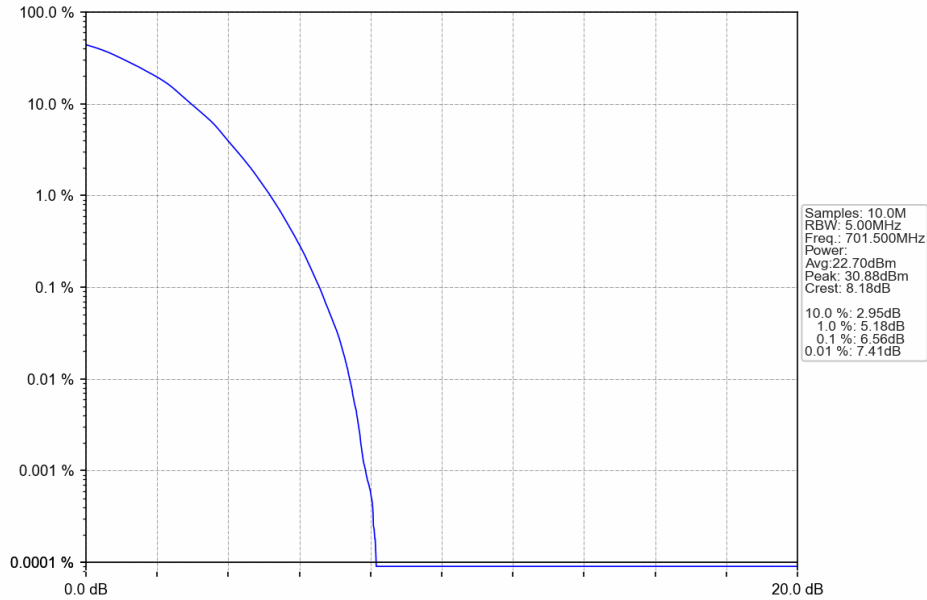
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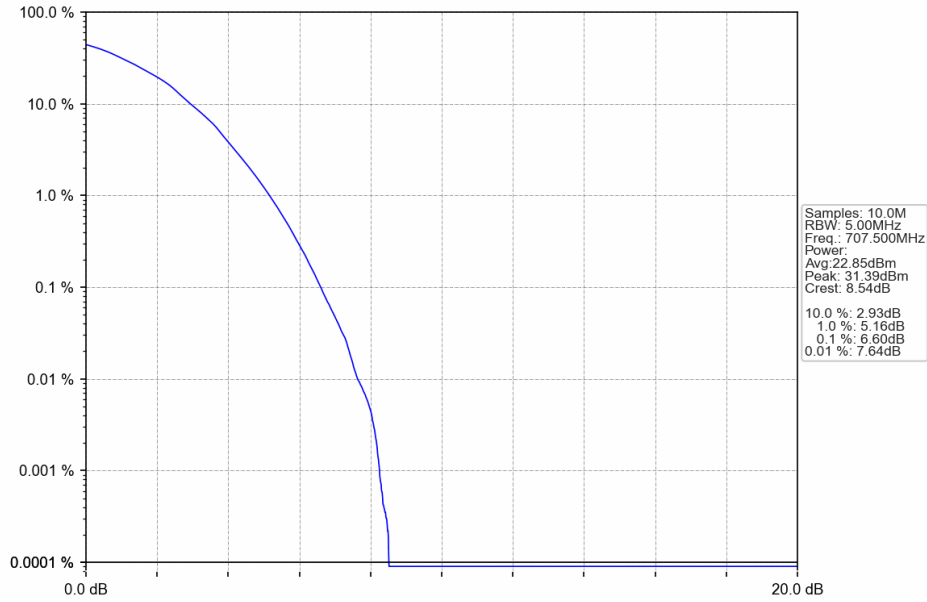
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Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



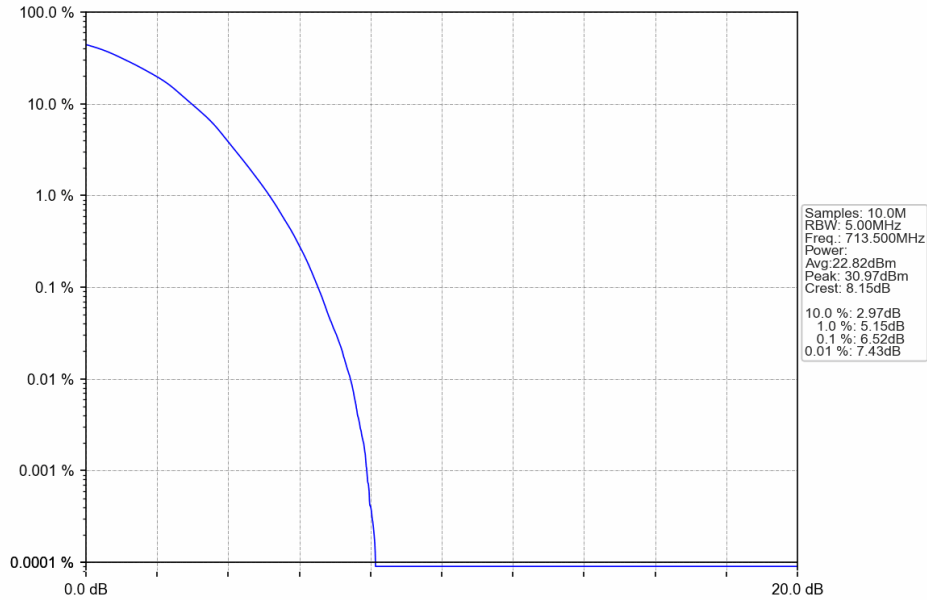
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3.4 B12_10MHz

3.4.1 Test Result

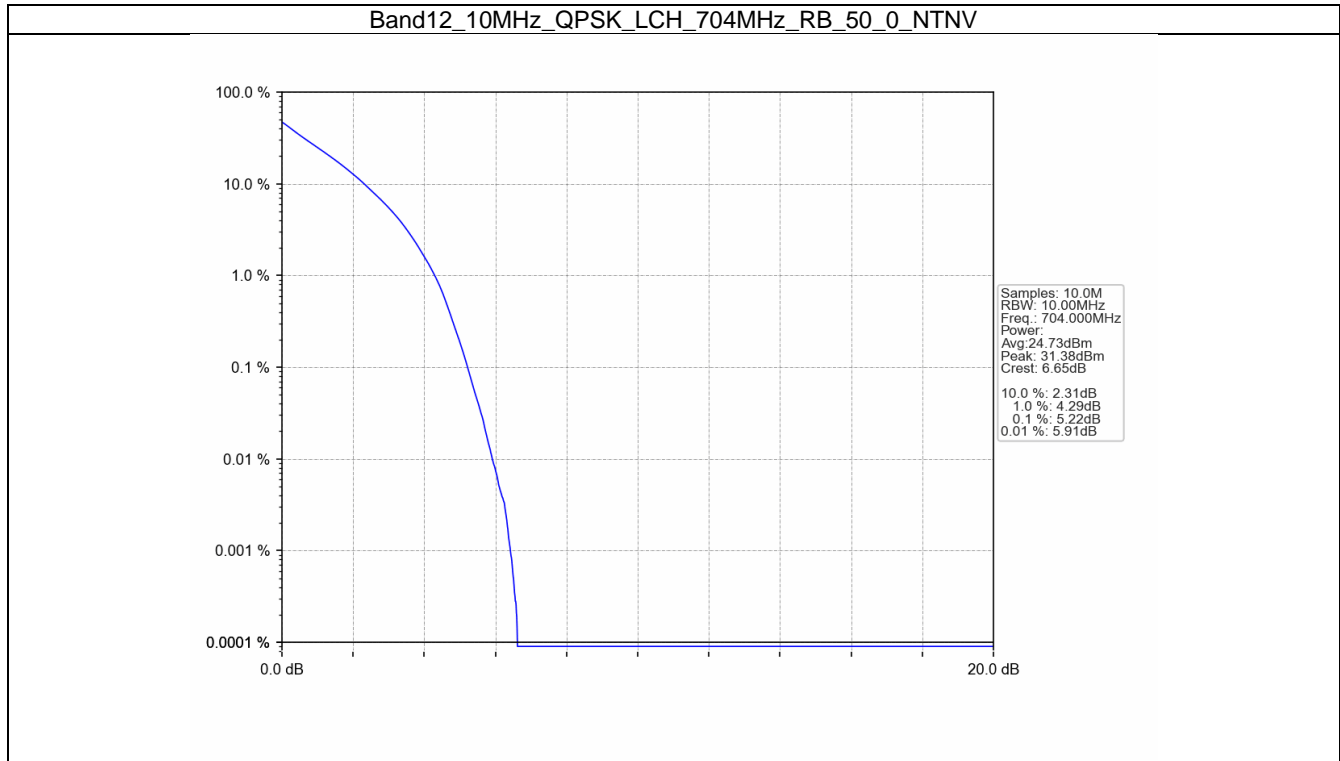
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.22	<=13	Pass
	707.5	50	0	5.25	<=13	Pass
	711	50	0	5.16	<=13	Pass
16QAM	704	50	0	6.00	<=13	Pass
	707.5	50	0	6.01	<=13	Pass
	711	50	0	5.95	<=13	Pass
64QAM	704	50	0	6.53	<=13	Pass
	707.5	50	0	6.58	<=13	Pass
	711	50	0	6.52	<=13	Pass



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3.4.2 Test Graph



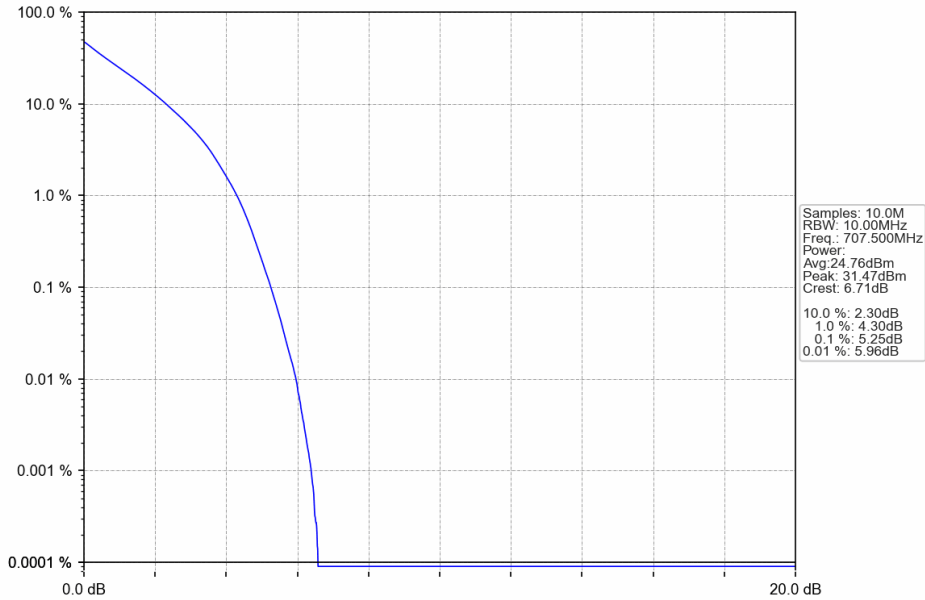
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Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV

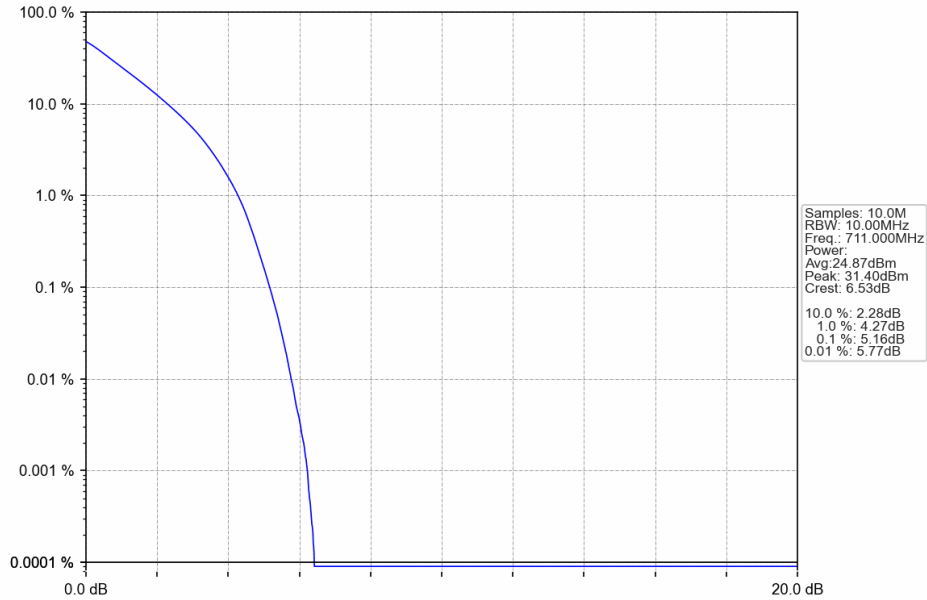


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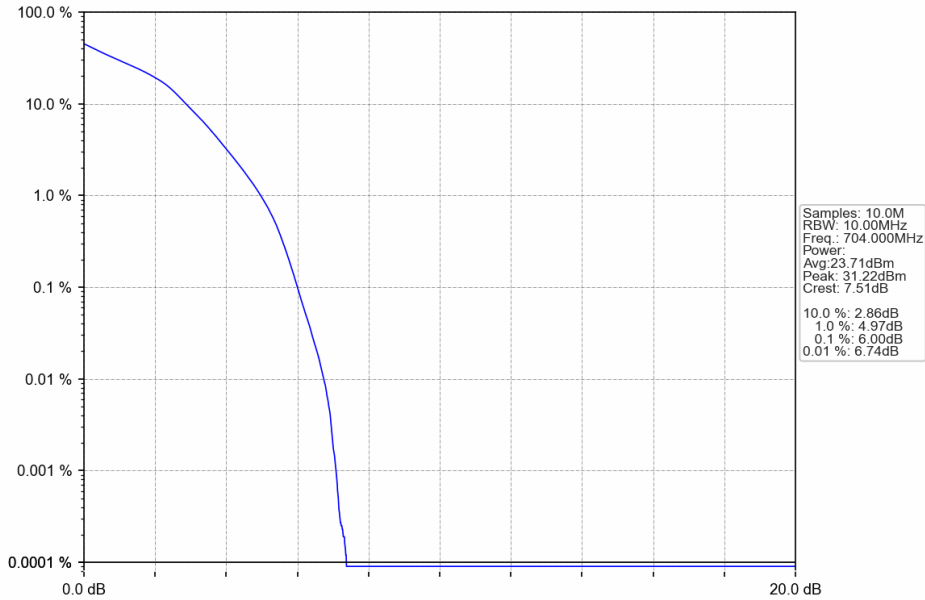


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Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



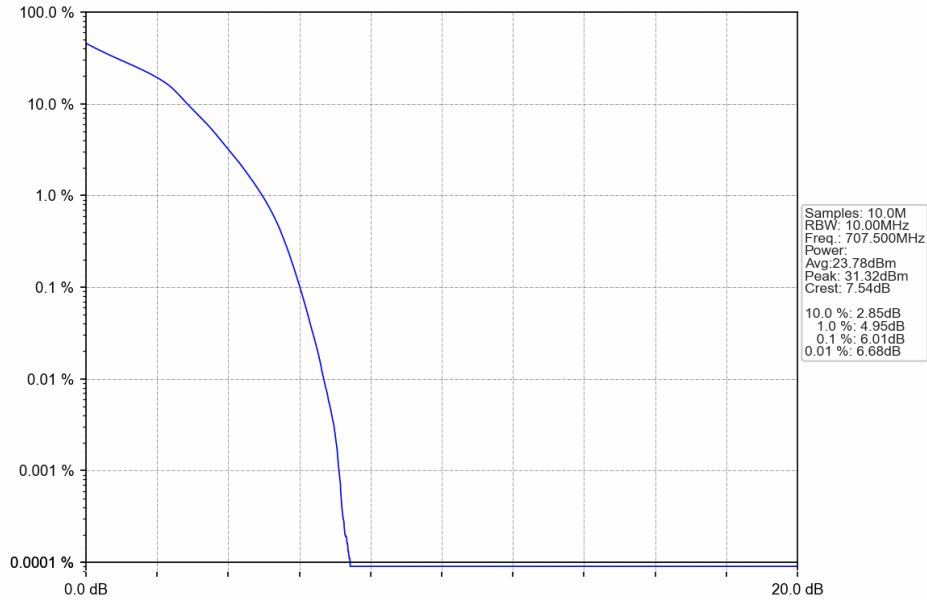
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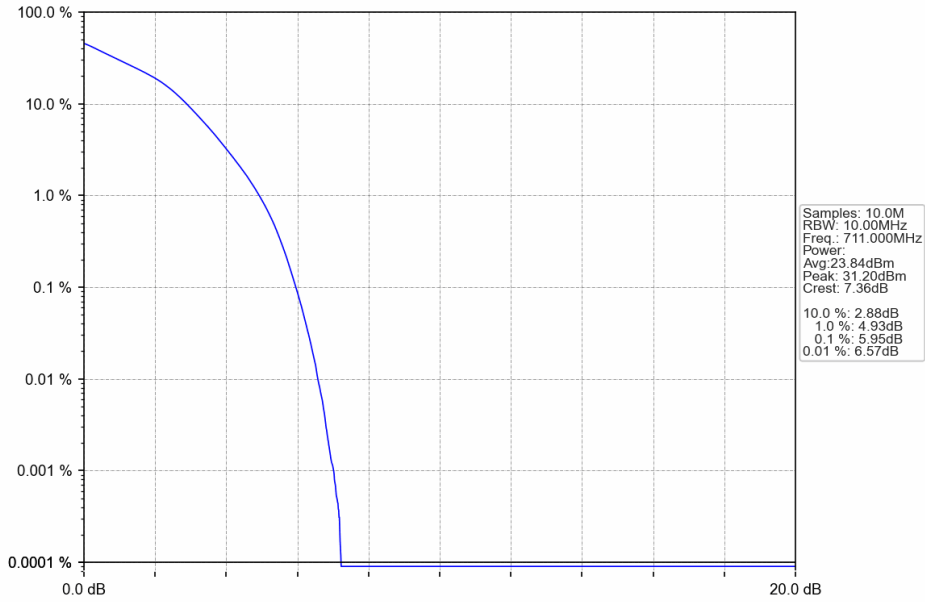


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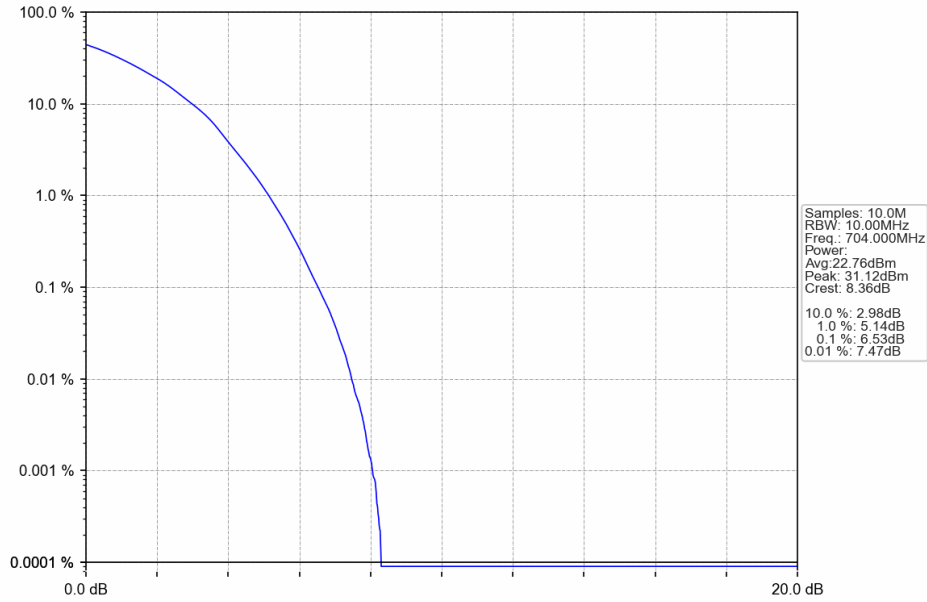
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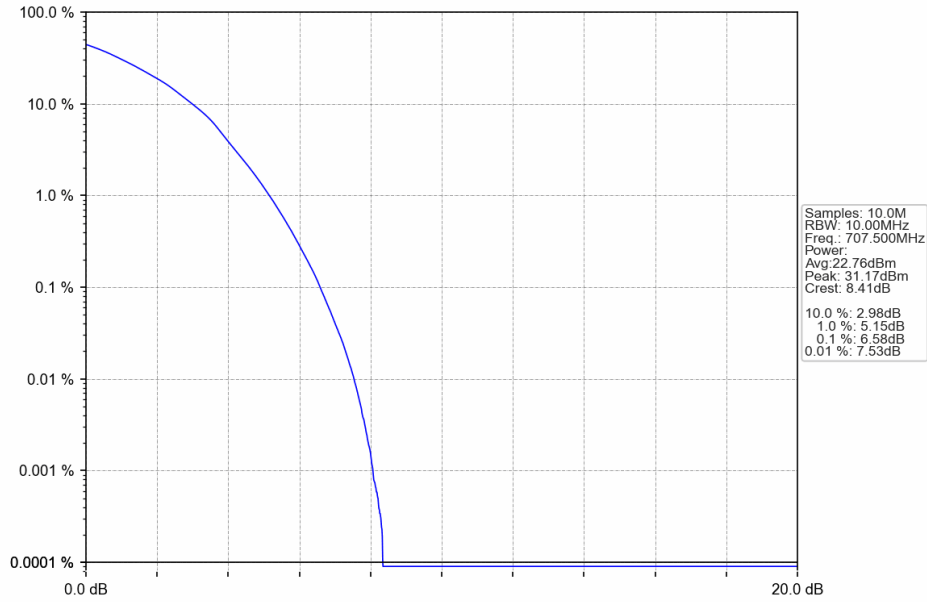
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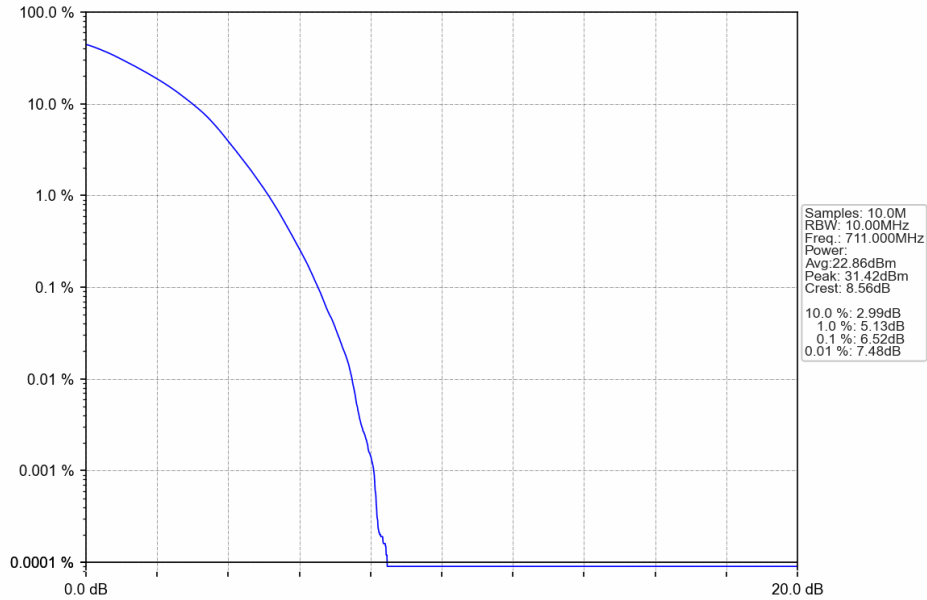
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4. Spurious Emission & Band Edges

4.1 B12_1.4MHz

4.1.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	715.3	1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	715.3	1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
64QAM	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	715.3	1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

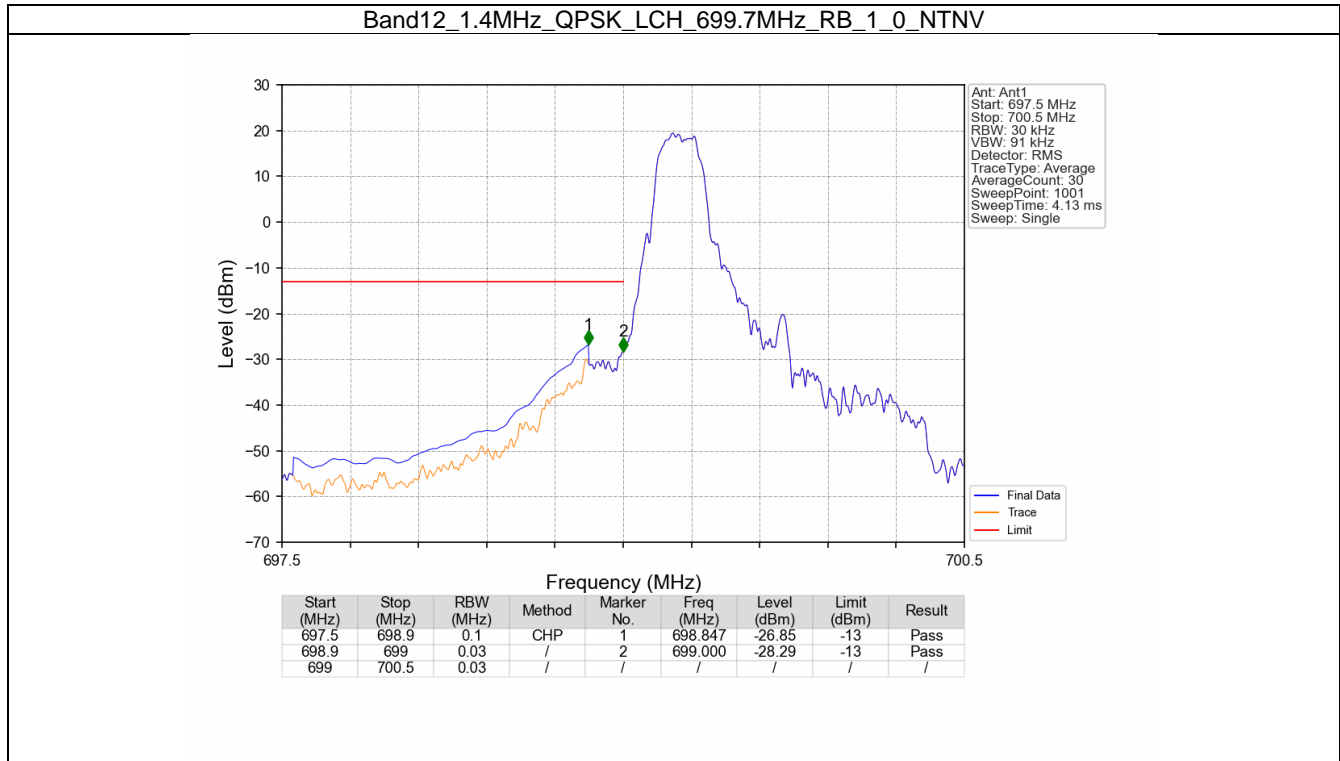


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4.1.2 Test Graph



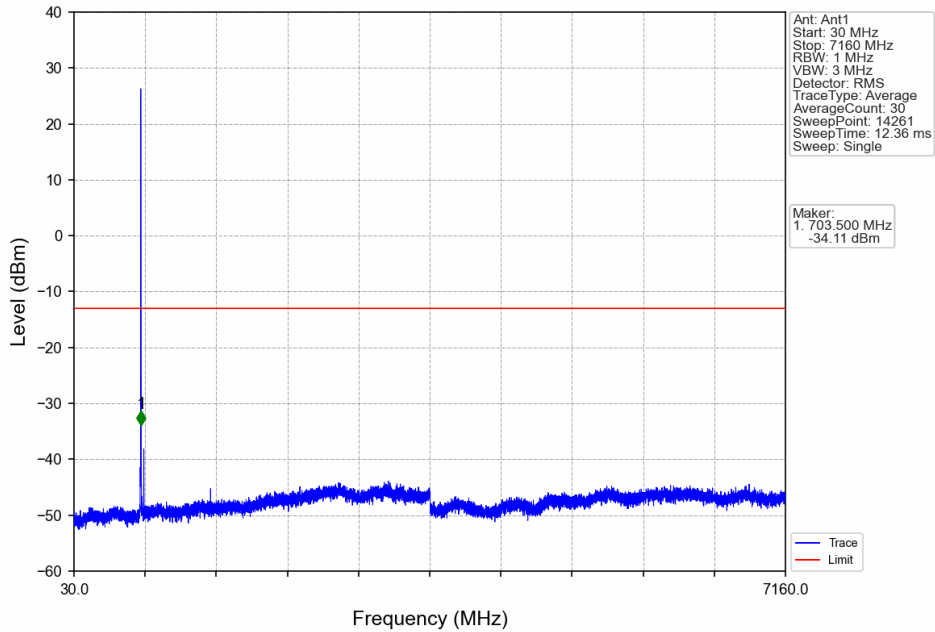
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Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

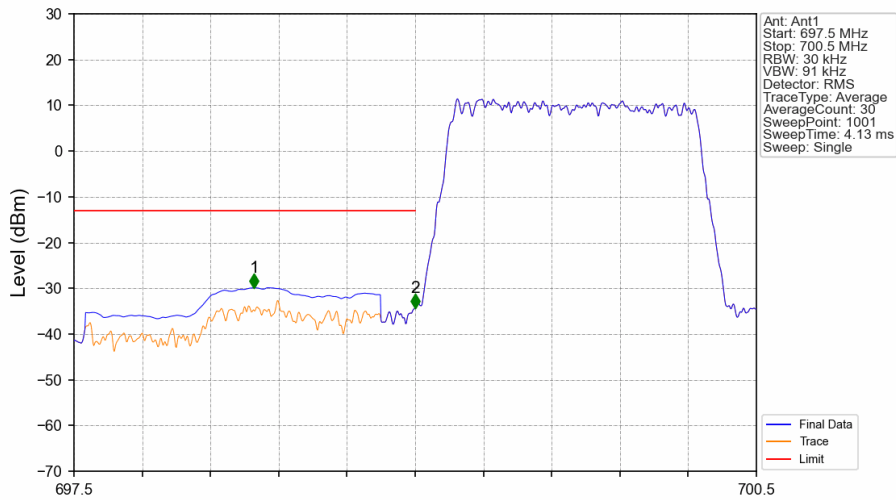


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Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.292	-29.89	-13	Pass
698.9	699	0.03	/	2	699.000	-34.30	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

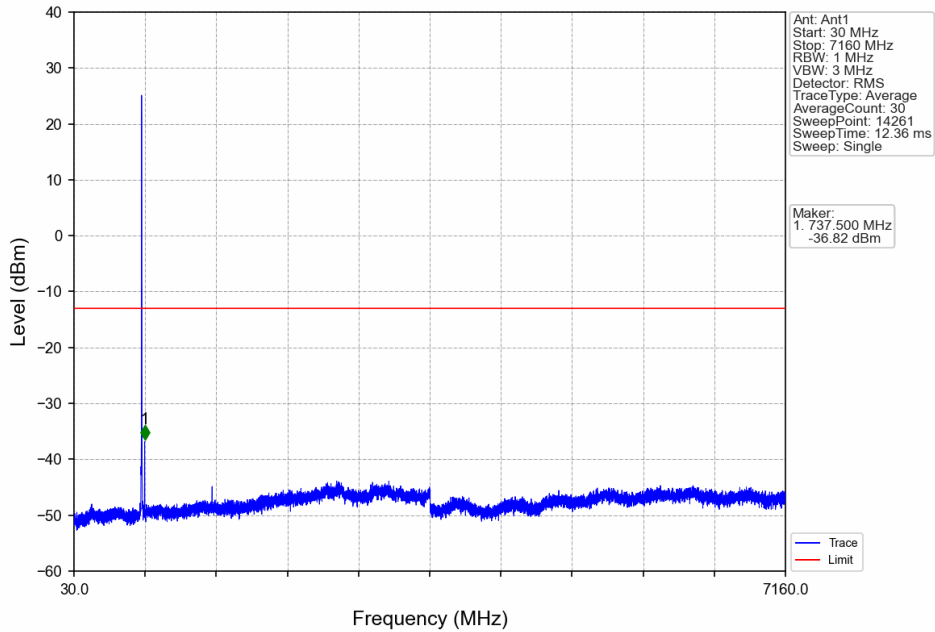


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Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



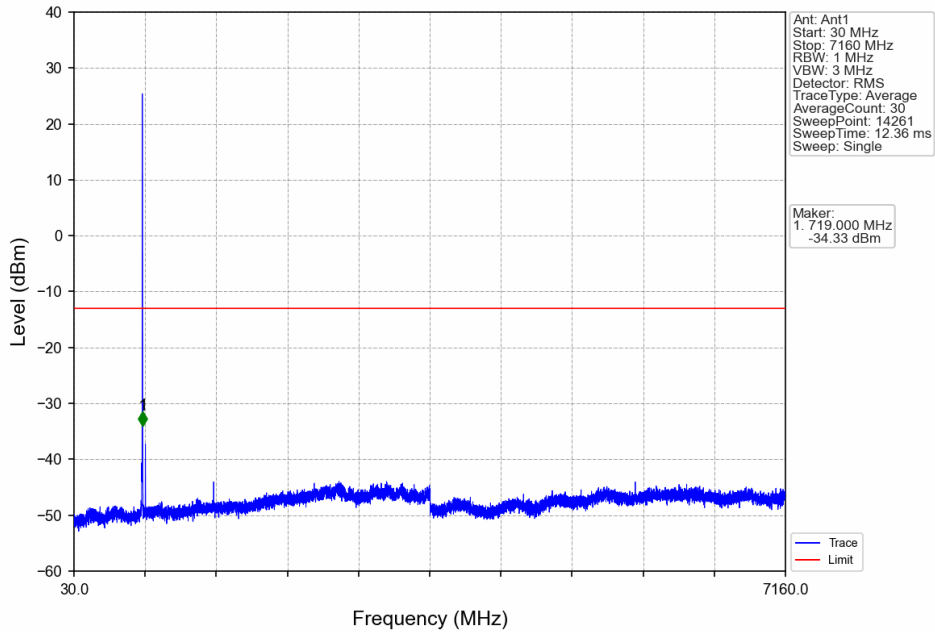
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Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

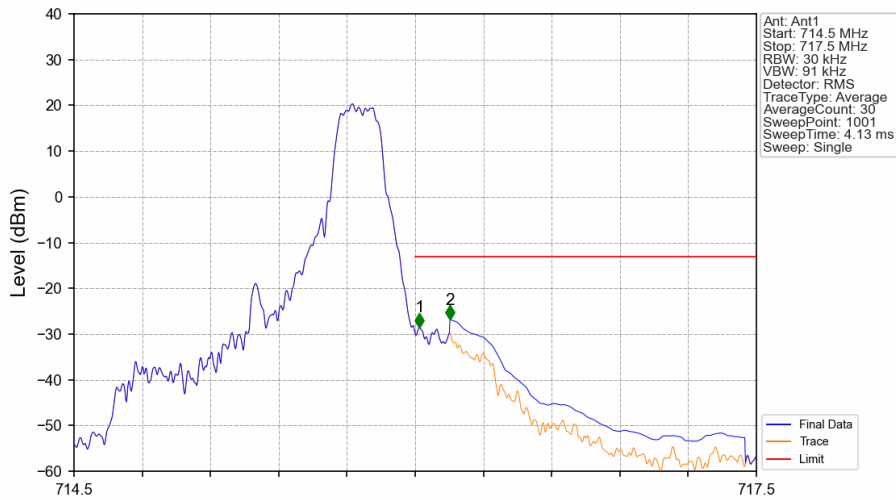


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Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



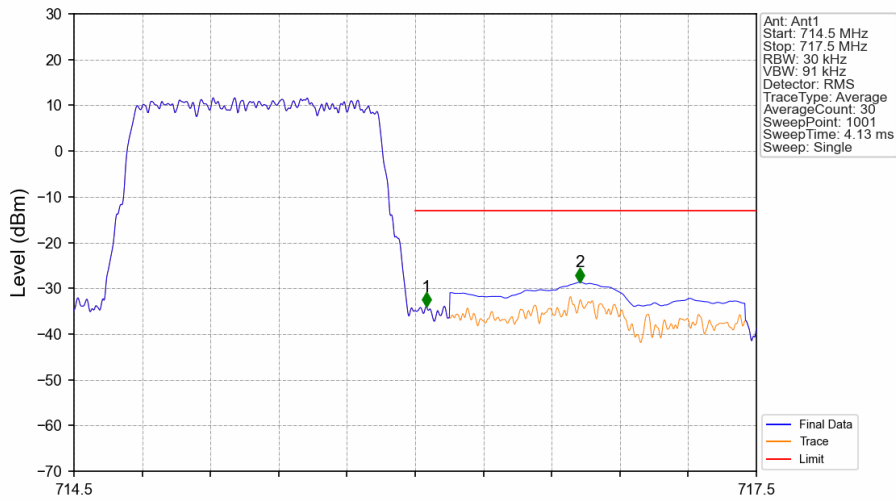
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.018	-28.52	-13	Pass
716.1	717.5	0.1	CHP	2	716.153	-26.80	-13	Pass



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Band12_1.4MHz_QPSK_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	716.048	-33.98	-13	Pass
716.1	717.5	0.1	CHP	2	716.723	-28.66	-13	Pass

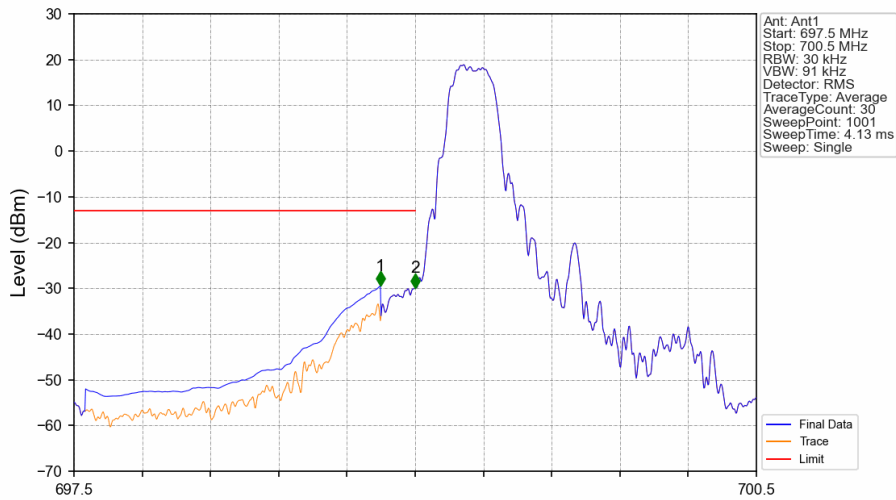


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Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-29.43	-13	Pass
698.9	699	0.03	/	2	699.000	-29.90	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

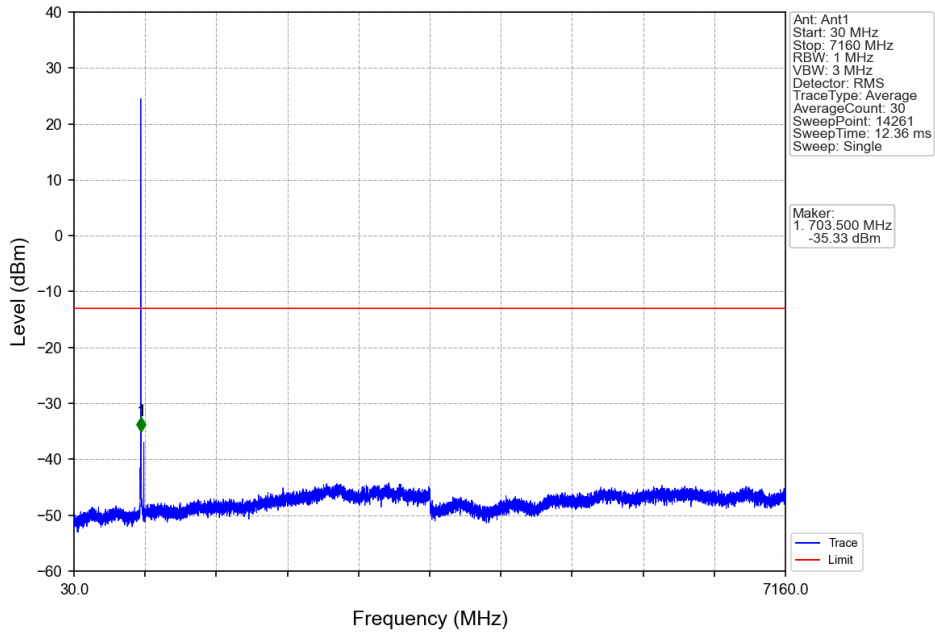


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Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

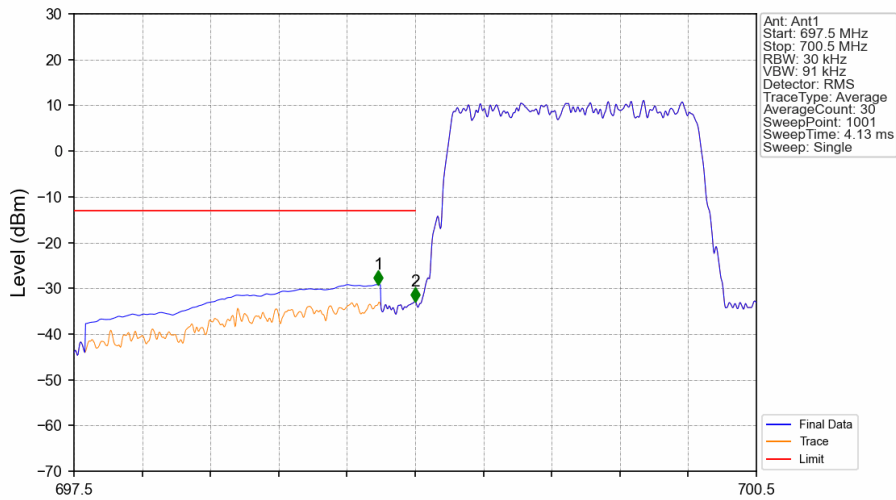


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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.838	-29.19	-13	Pass
698.9	699	0.03	/	2	699.000	-32.88	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

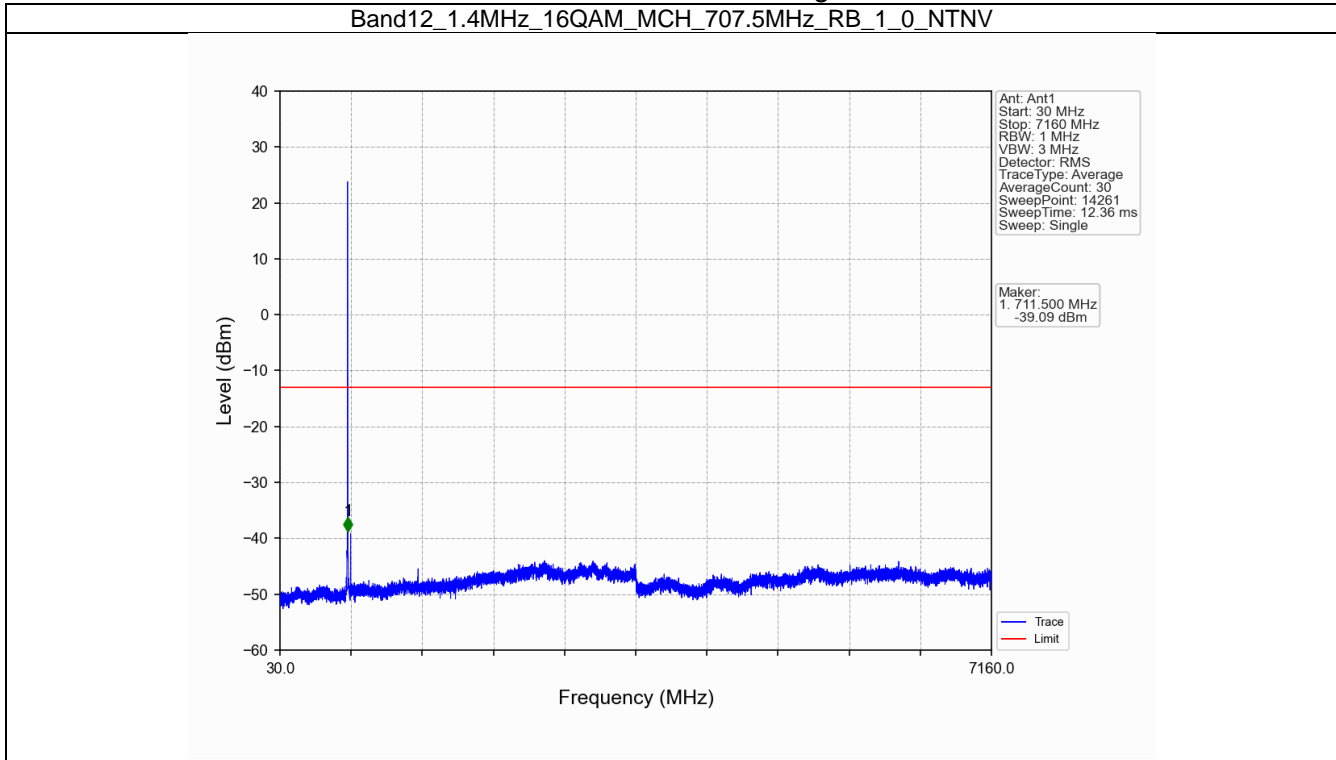


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Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



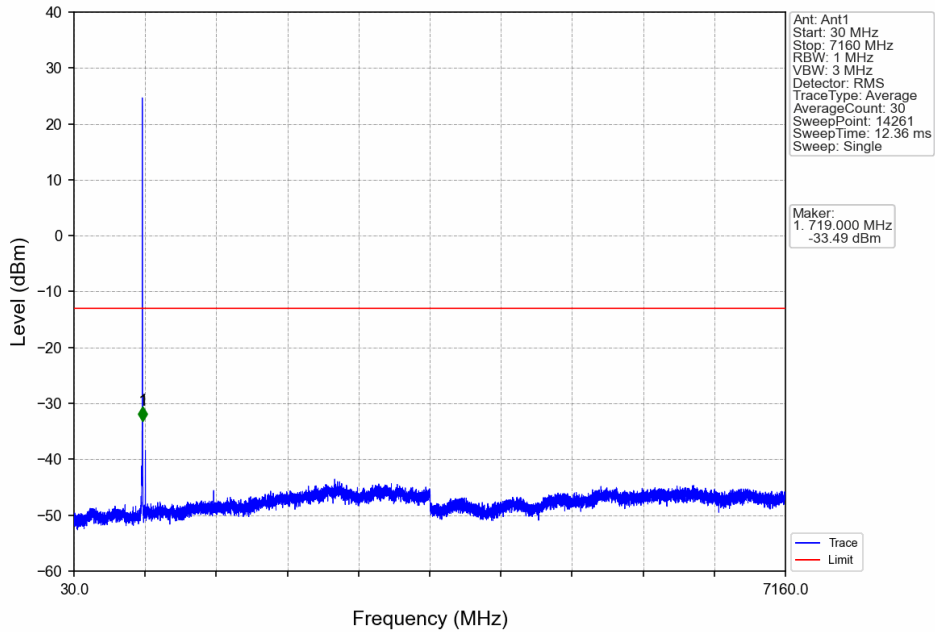
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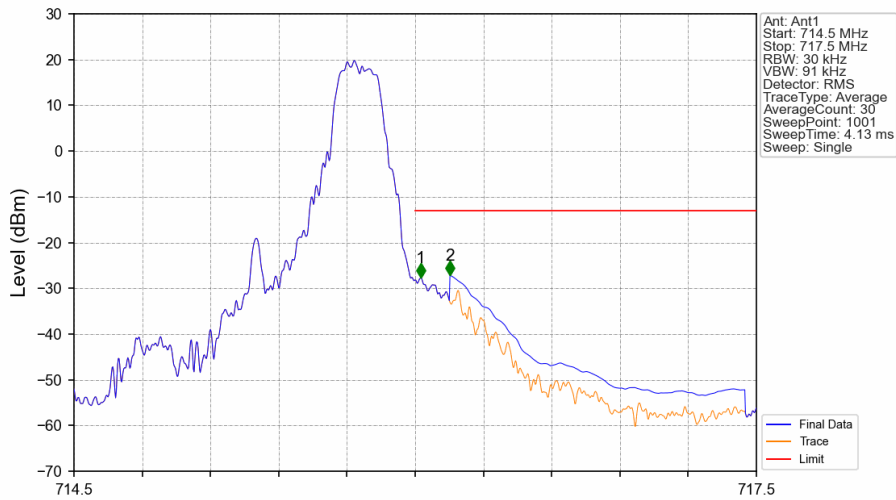


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Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_5_NTNV



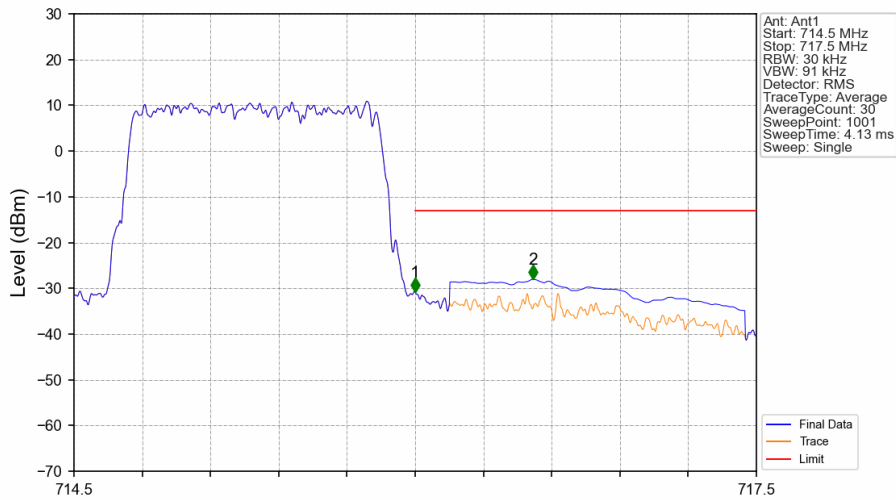
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
714.5	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.024	-27.75	-13	Pass
716.1	717.5	0.1	CHP	2	716.153	-27.13	-13	Pass



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Band12_1.4MHz_16QAM_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	716.000	-30.82	-13	Pass
716.1	717.5	0.1	CHP	2	716.519	-28.04	-13	Pass

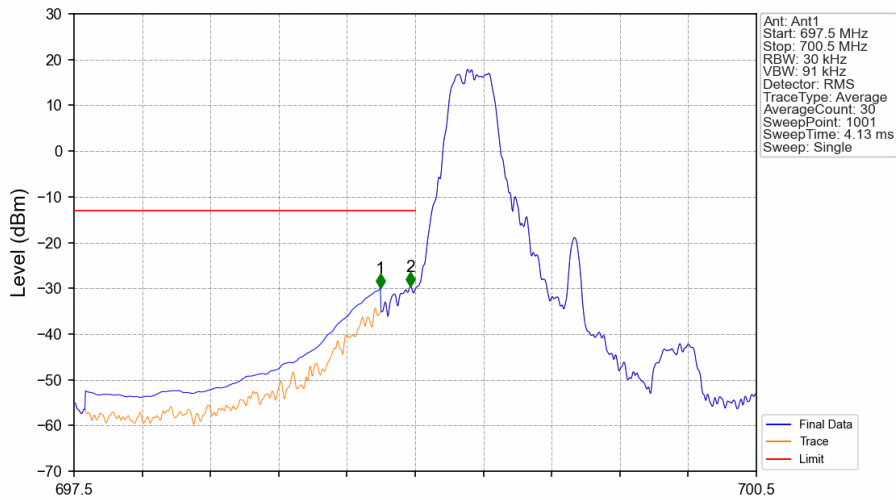


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Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.847	-29.98	-13	Pass
698.9	699	0.03	/	2	698.979	-29.65	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

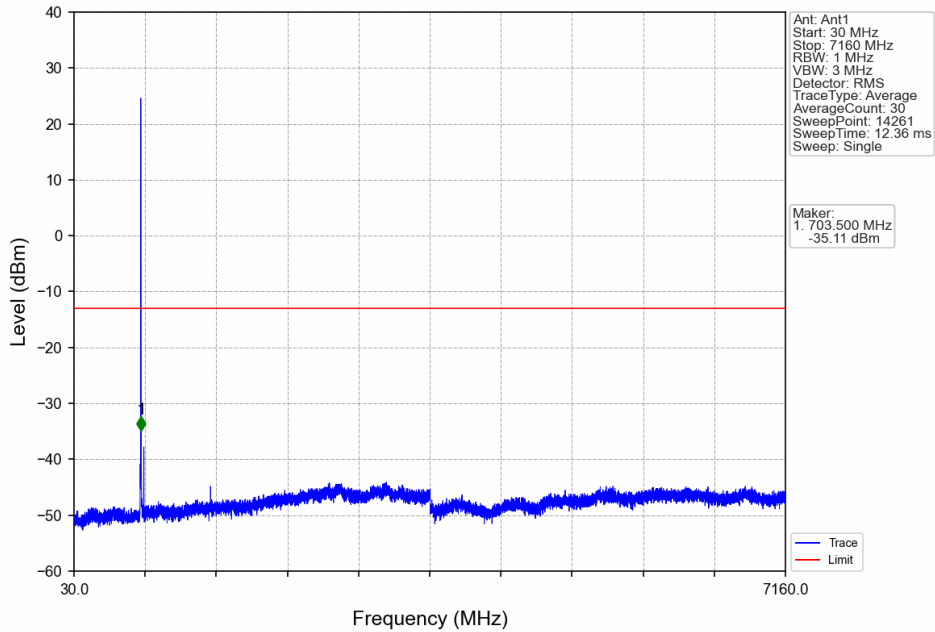


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Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_1_0_NTNV

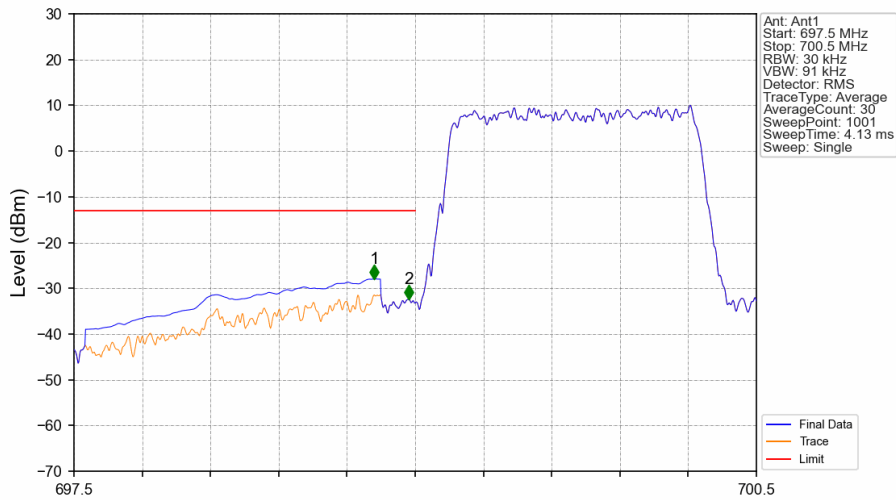


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Band12_1.4MHz_64QAM_LCH_699.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
697.5	698.9	0.1	CHP	1	698.820	-27.94	-13	Pass
698.9	699	0.03	/	2	698.973	-32.35	-13	Pass
699	700.5	0.03	/	/	/	/	/	/

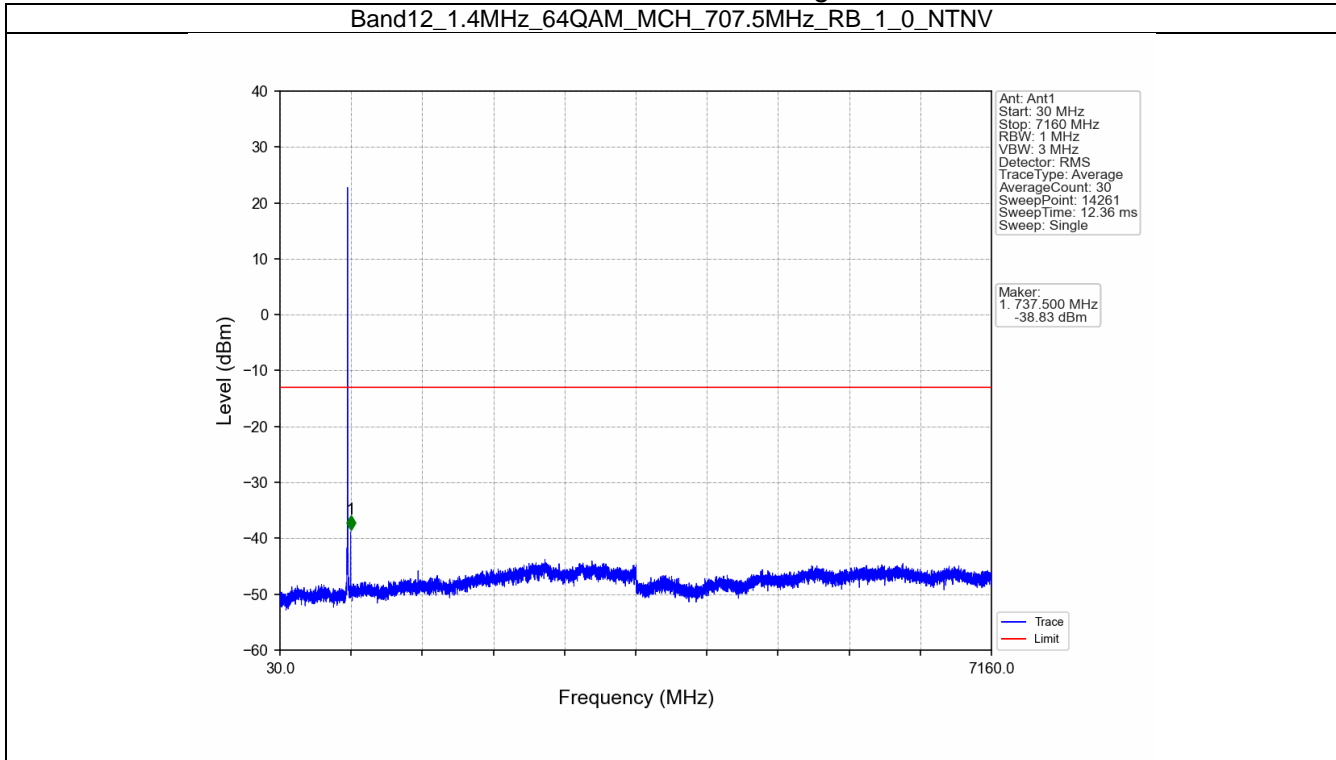


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Band12_1.4MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



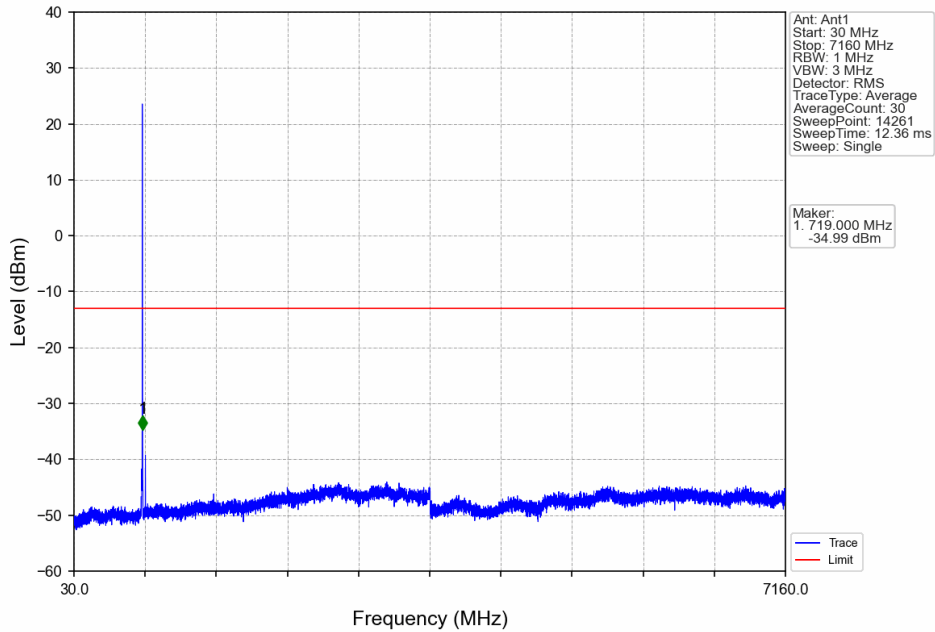
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Band12_1.4MHz_64QAM_HCH_715.3MHz_RB_1_0_NTNV



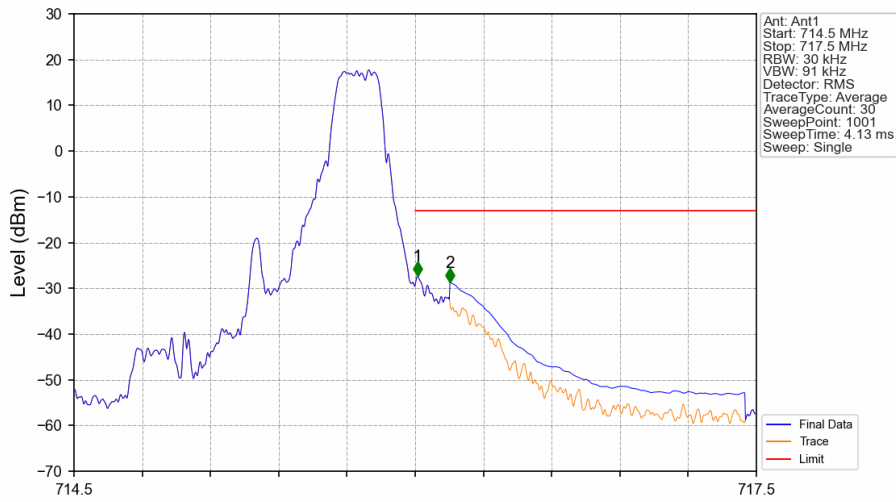
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Band12_1.4MHz_64QAM_HCH_715.3MHz_RB_1_5_NTNV



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	716.009	-27.33	-13	Pass
716.1	717.5	0.1	CHP	2	716.153	-28.75	-13	Pass



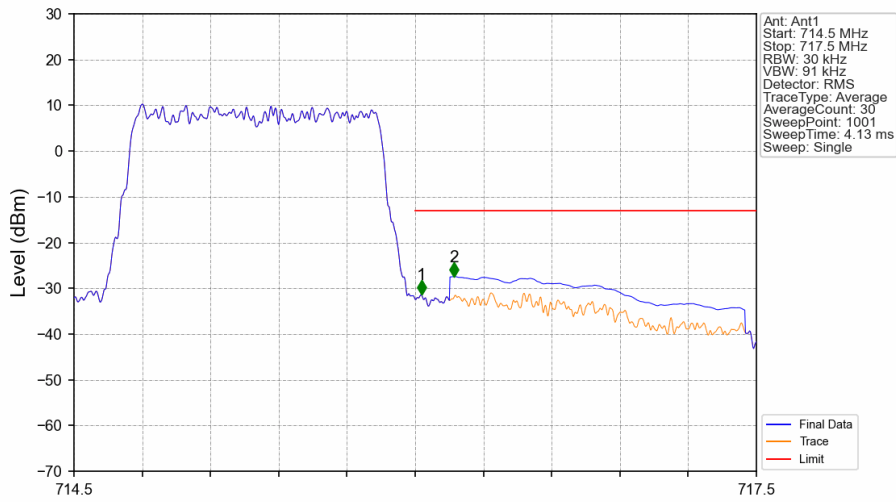
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Band12_1.4MHz_64QAM_HCH_715.3MHz_RB_6_0_NTNV



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	716.027	-31.44	-13	Pass
716.1	717.5	0.1	CHP	2	716.171	-27.45	-13	Pass



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4.2 B12_3MHz

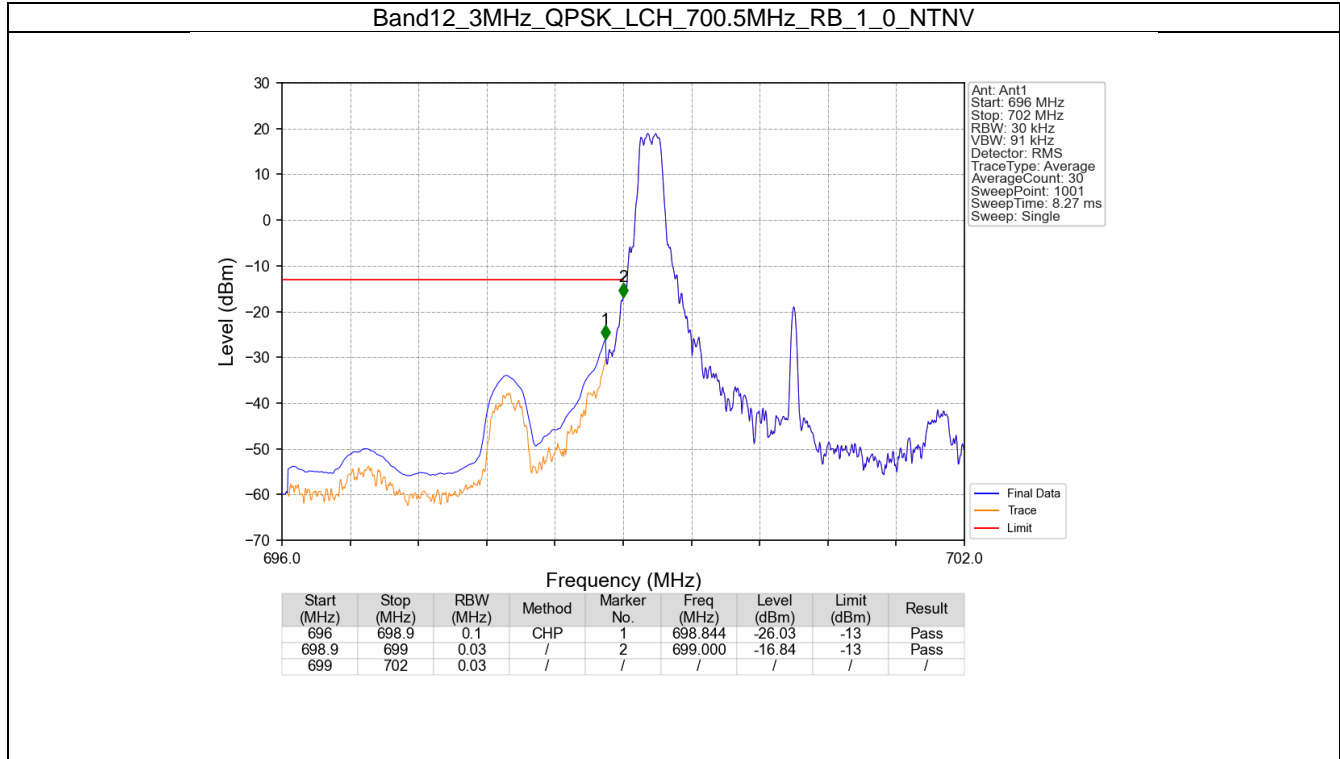
4.2.1 Test Result

Band: 12 / Bandwidth: 3MHz / NTNV						
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



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4.2.2 Test Graph



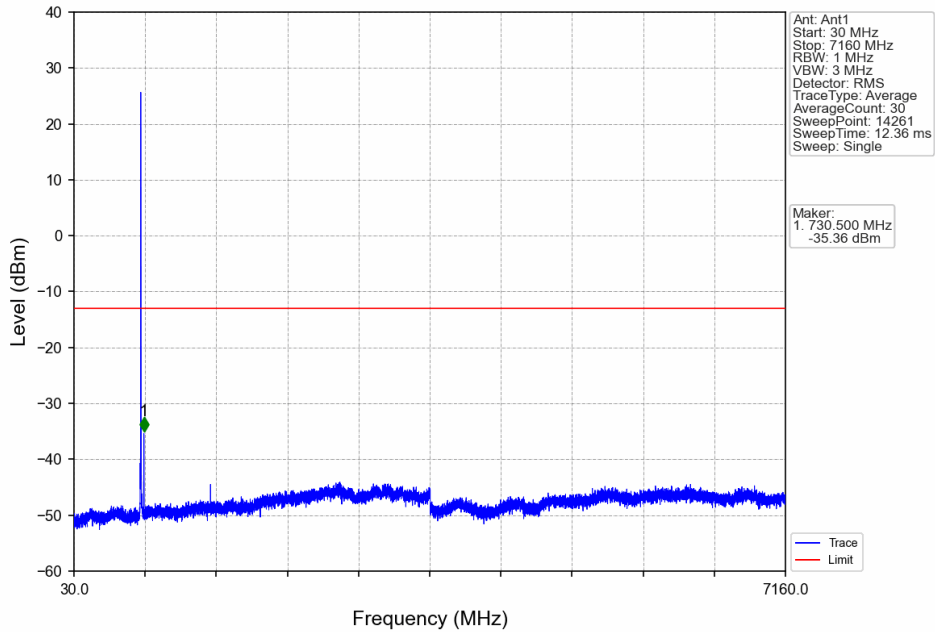
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Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

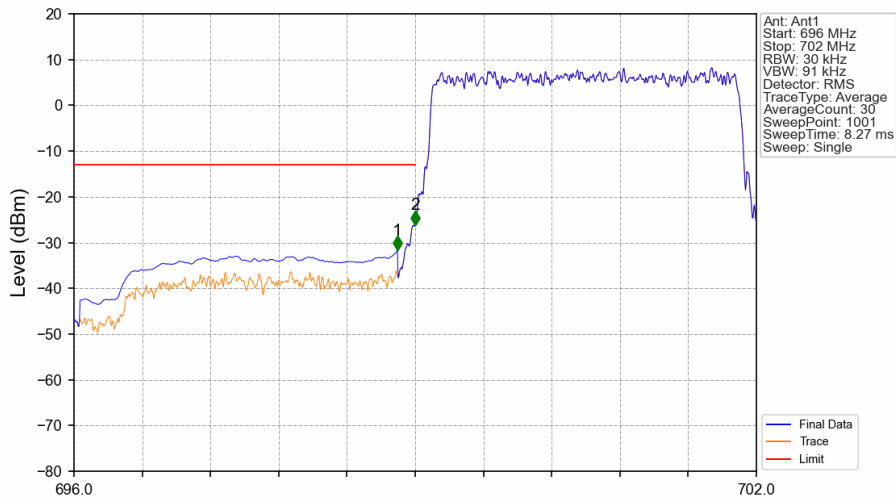


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Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-31.70	-13	Pass
698.9	699	0.03	/	2	699.000	-26.11	-13	Pass
699	702	0.03	/	/	/	/	/	/

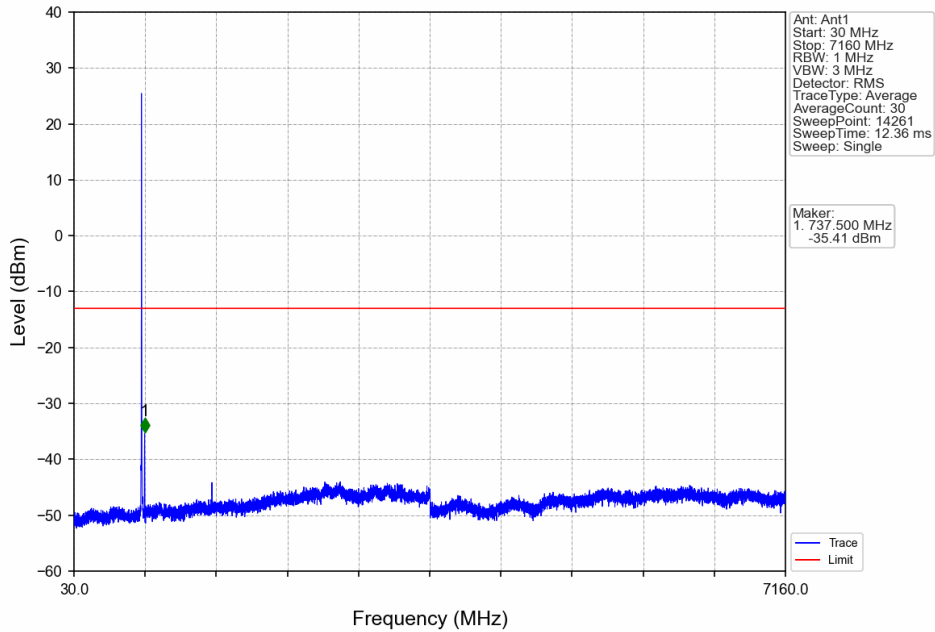


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Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



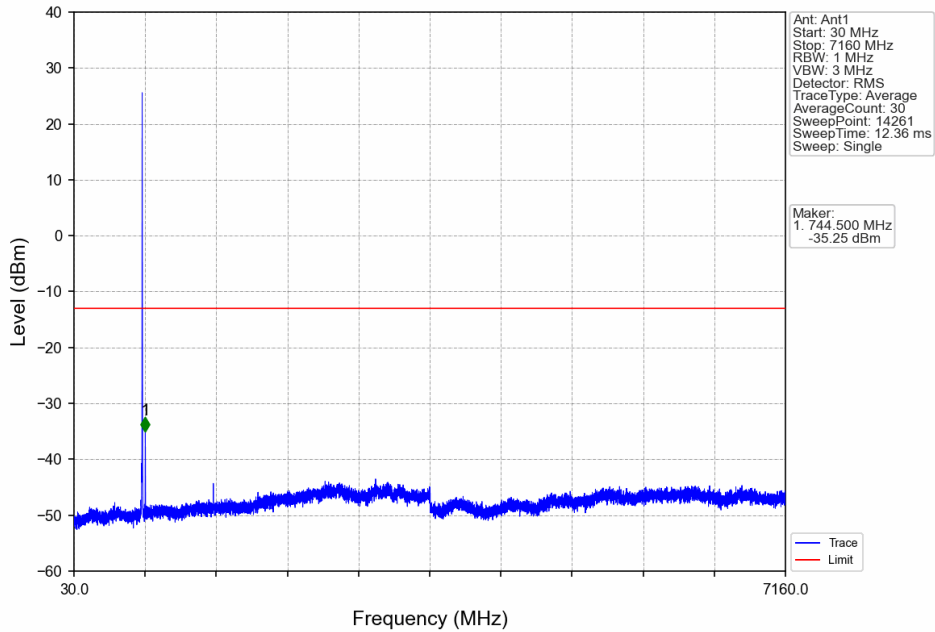
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Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

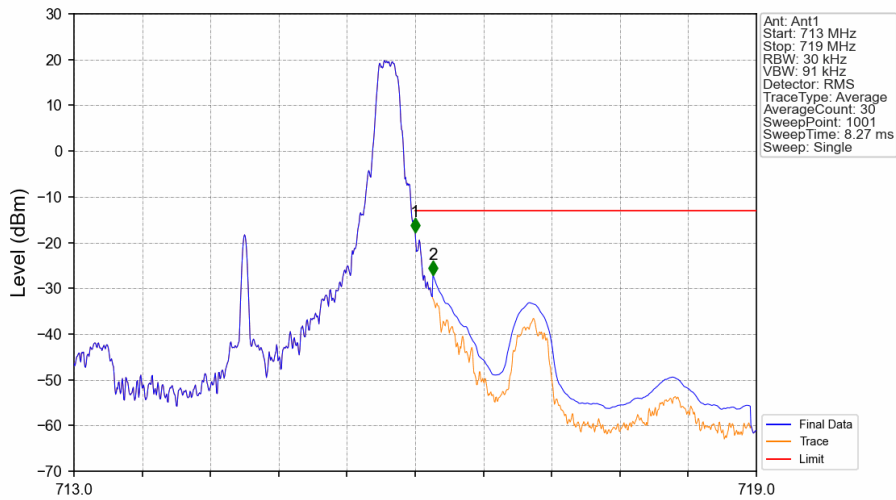


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Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



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	-17.71	-13	Pass
716.1	719	0.1	CHP	2	716.156	-27.08	-13	Pass

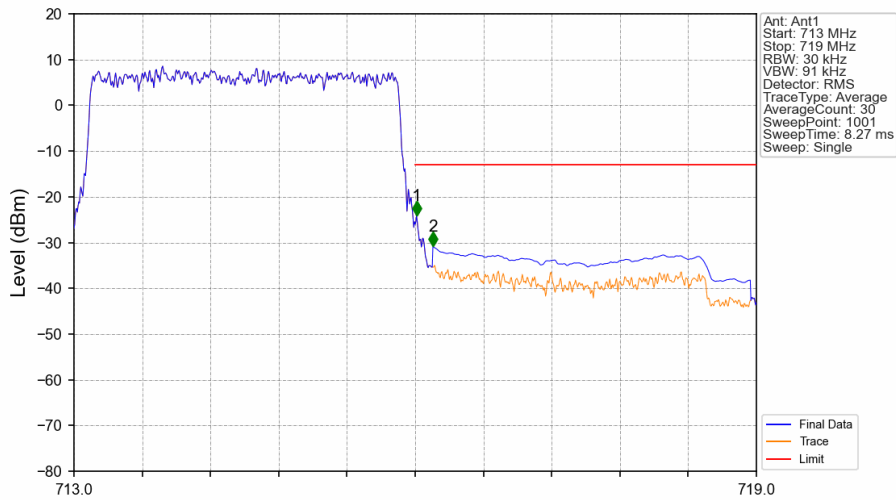


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Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



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	716.012	-24.14	-13	Pass
716.1	719	0.1	CHP	2	716.156	-30.85	-13	Pass



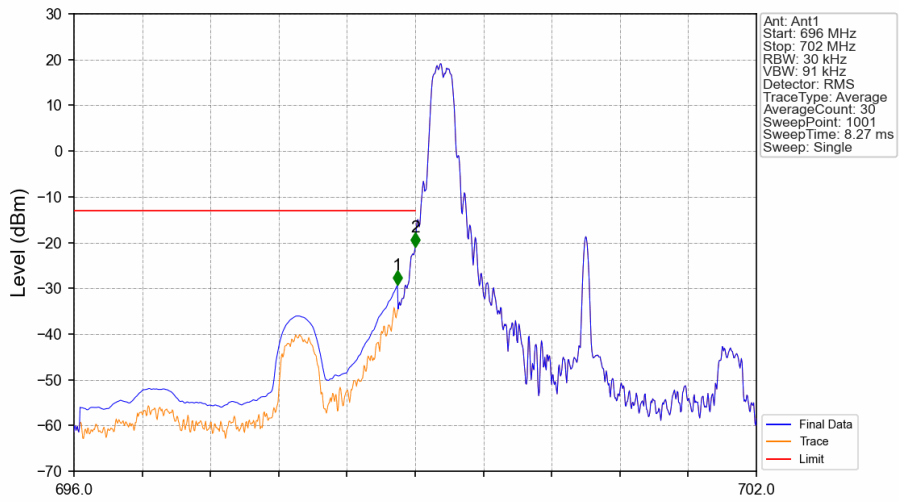
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Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



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	-29.27	-13	Pass
698.9	699	0.03	/	2	699.000	-21.04	-13	Pass
699	702	0.03	/	/	/	/	/	/



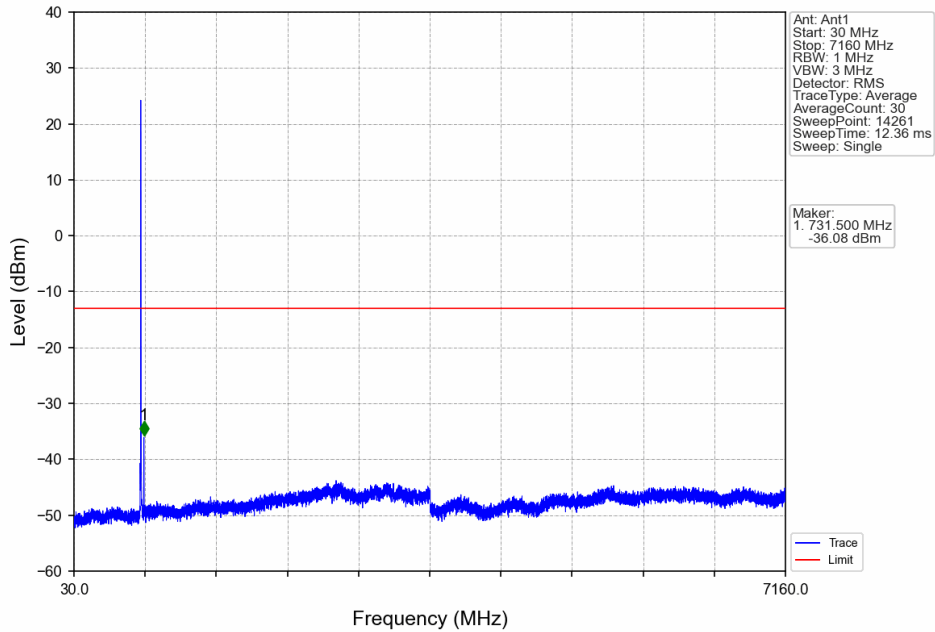
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Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



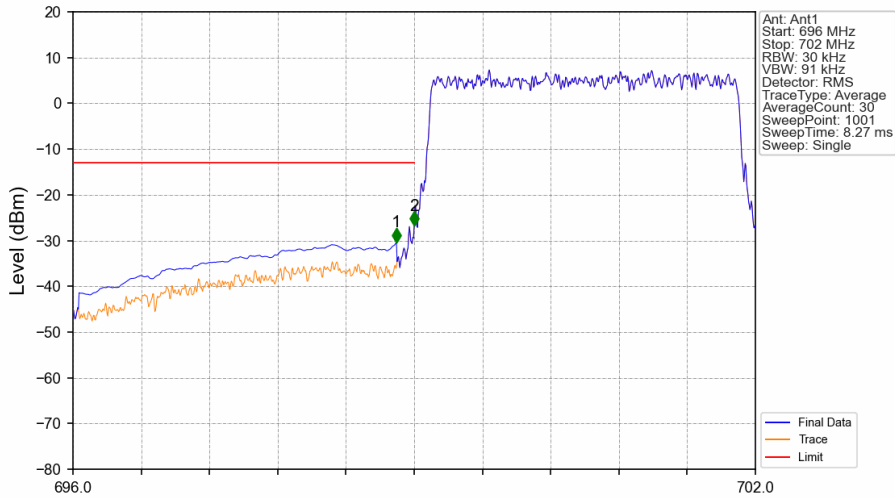
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Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-30.35	-13	Pass
698.9	699	0.03	/	2	699.000	-26.77	-13	Pass
699	702	0.03	/	/	/	/	/	/



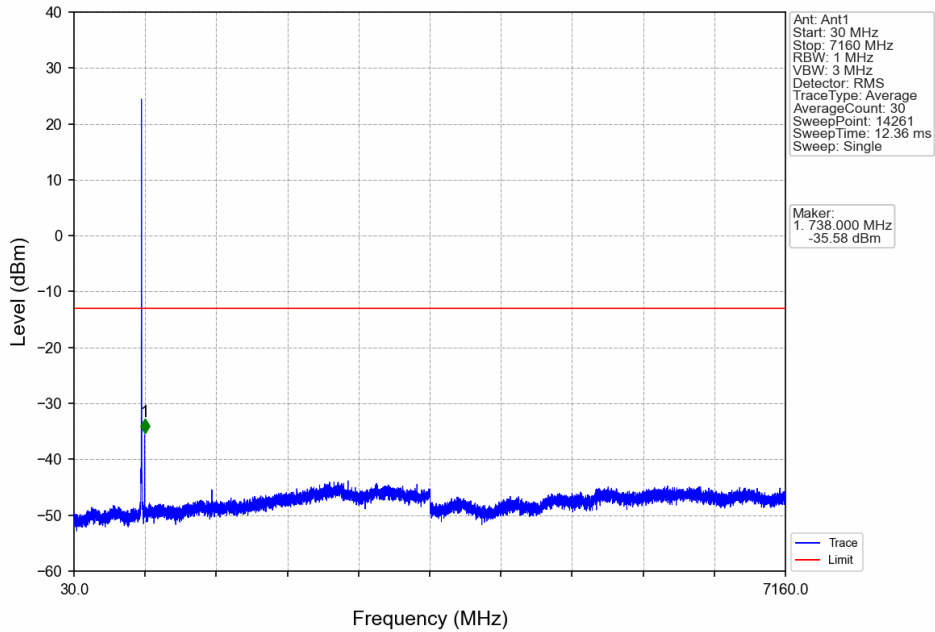
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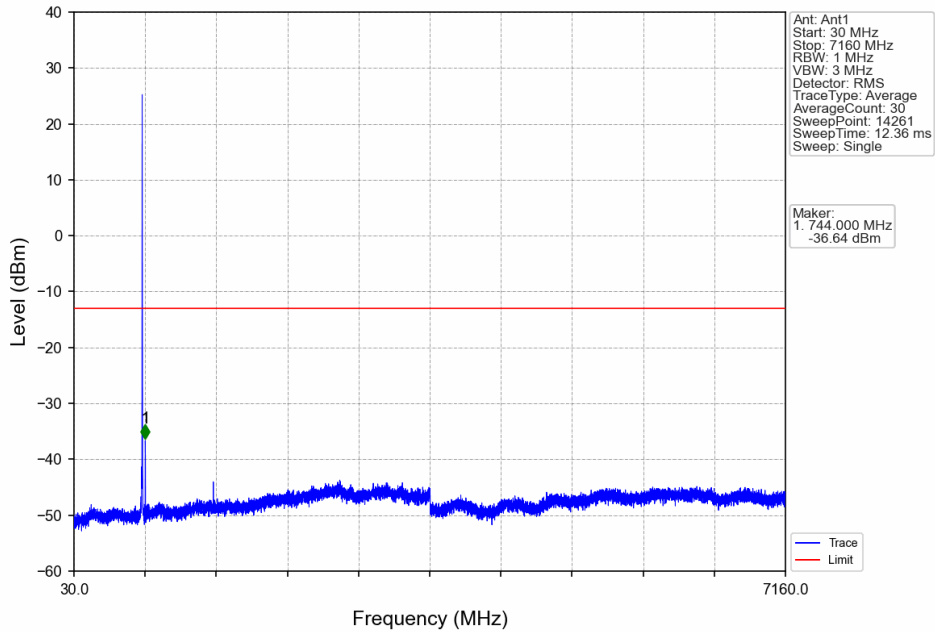
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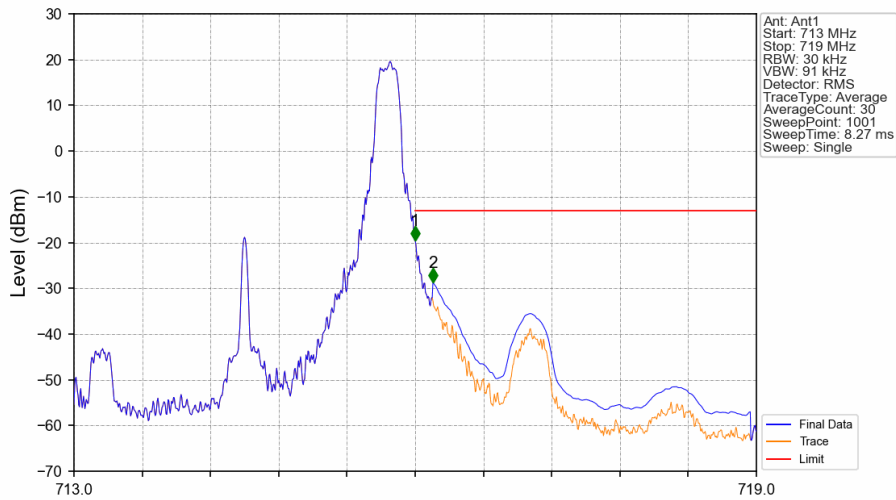
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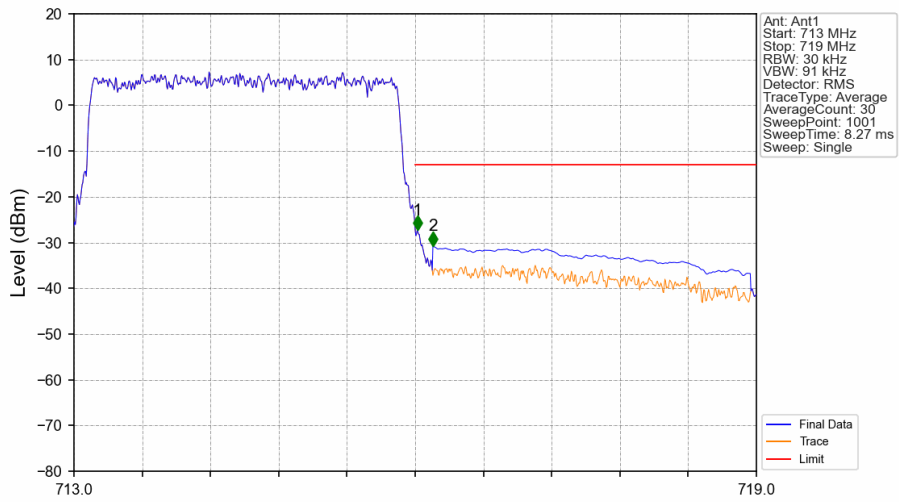
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-19.53	-13	Pass
716.1	719	0.1	CHP	2	716.156	-28.70	-13	Pass



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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	716.018	-27.27	-13	Pass
716.1	719	0.1	CHP	2	716.156	-30.72	-13	Pass



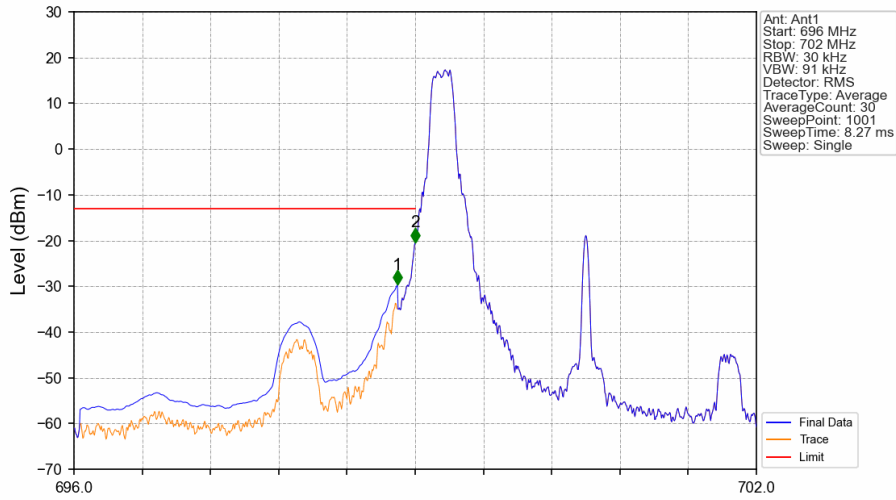
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Band12_3MHz_64QAM_LCH_700.5MHz_RB_1_0_NTNV



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	-29.64	-13	Pass
698.9	699	0.03	/	2	699.000	-20.38	-13	Pass
699	702	0.03	/	/	/	/	/	/

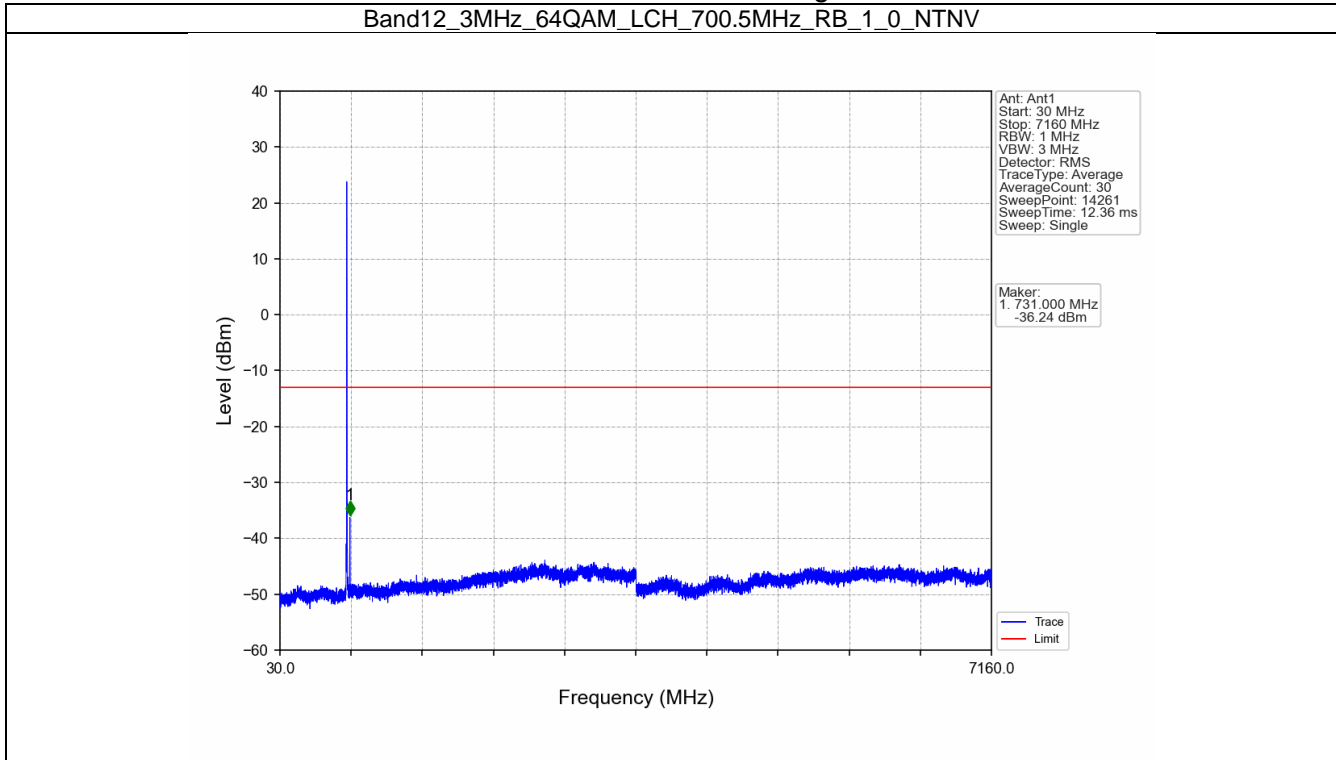


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Band12_3MHz_64QAM_LCH_700.5MHz_RB_1_0_NTNV



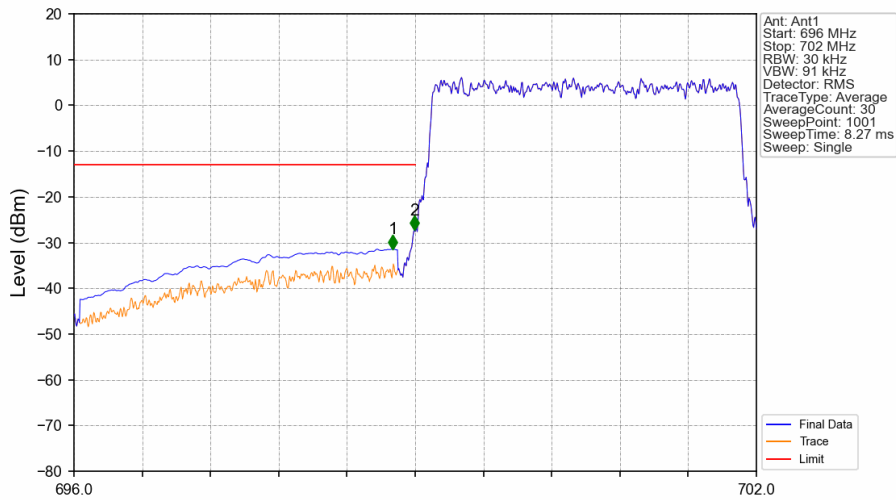
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Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.802	-31.41	-13	Pass
698.9	699	0.03	/	2	698.994	-27.22	-13	Pass
699	702	0.03	/	/	/	/	/	/

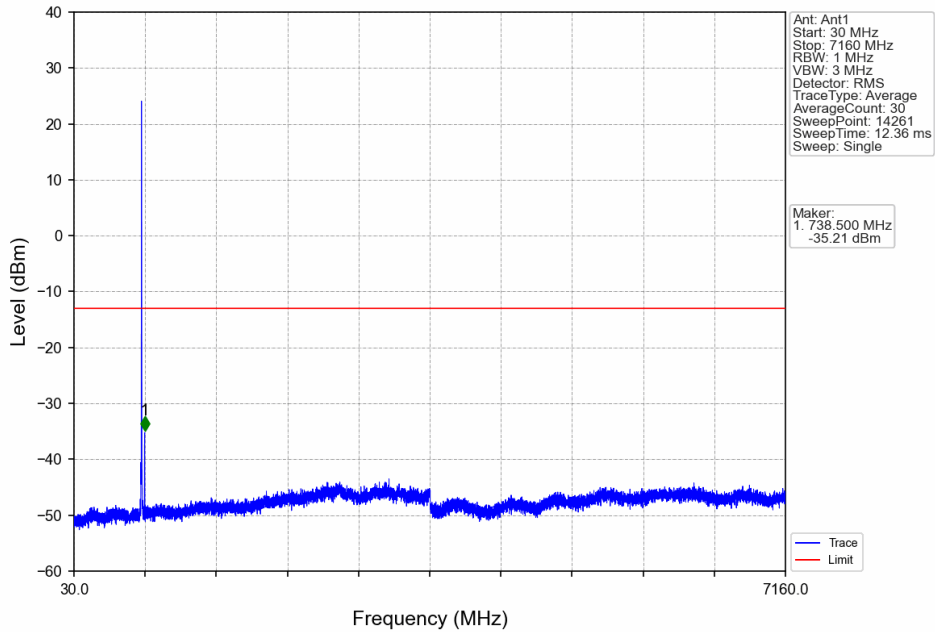


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Band12_3MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



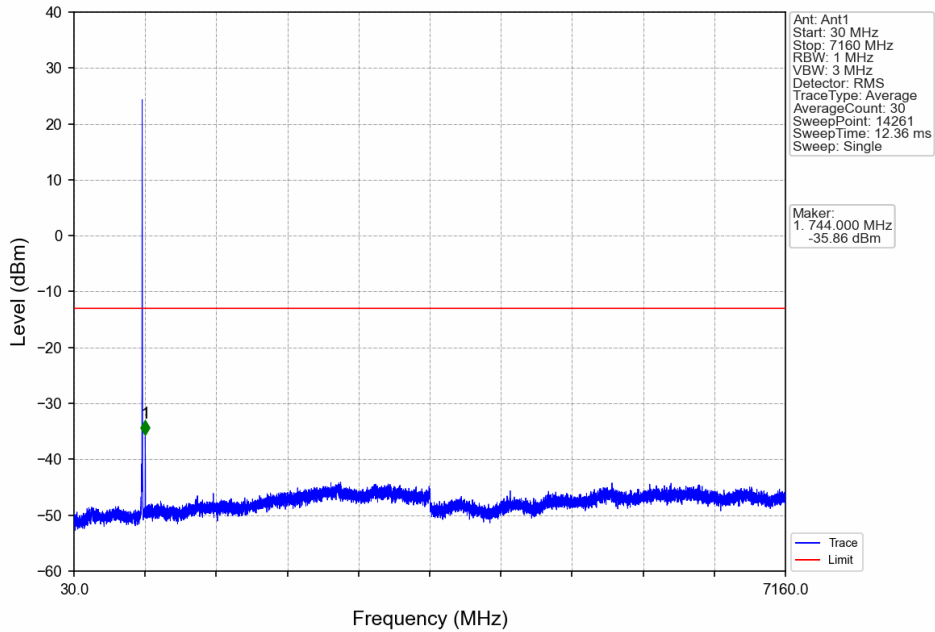
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Band12_3MHz_64QAM_HCH_714.5MHz_RB_1_0_NTNV



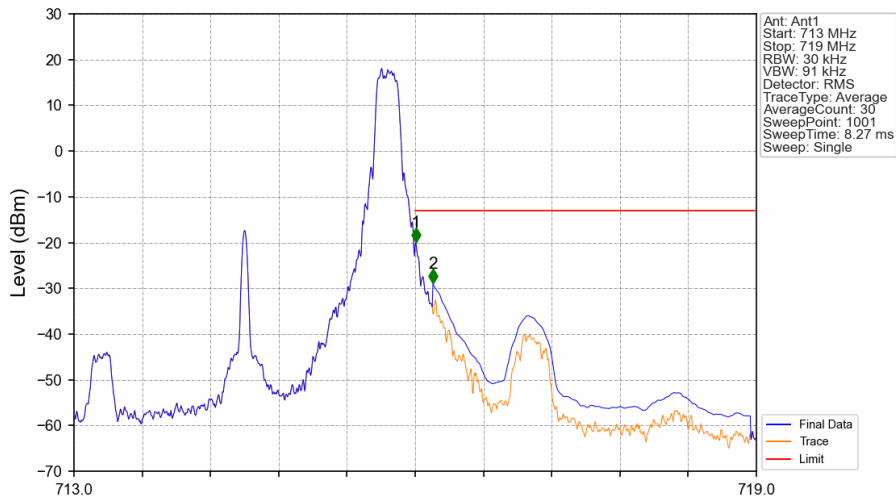
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Band12_3MHz_64QAM_HCH_714.5MHz_RB_1_14_NTNV



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	716.006	-19.96	-13	Pass
716.1	719	0.1	CHP	2	716.156	-28.97	-13	Pass

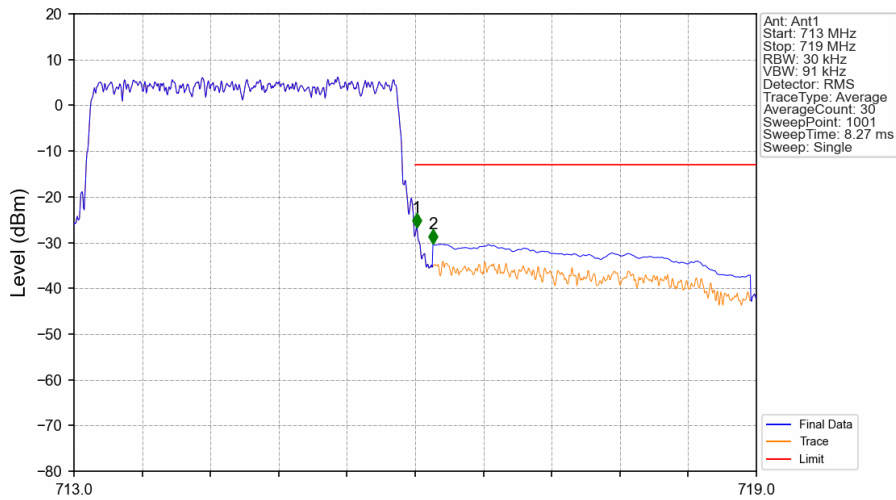


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Band12_3MHz_64QAM_HCH_714.5MHz_RB_15_0_NTNV



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	716.012	-26.75	-13	Pass
716.1	719	0.1	CHP	2	716.156	-30.34	-13	Pass



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4.3 B12_5MHz

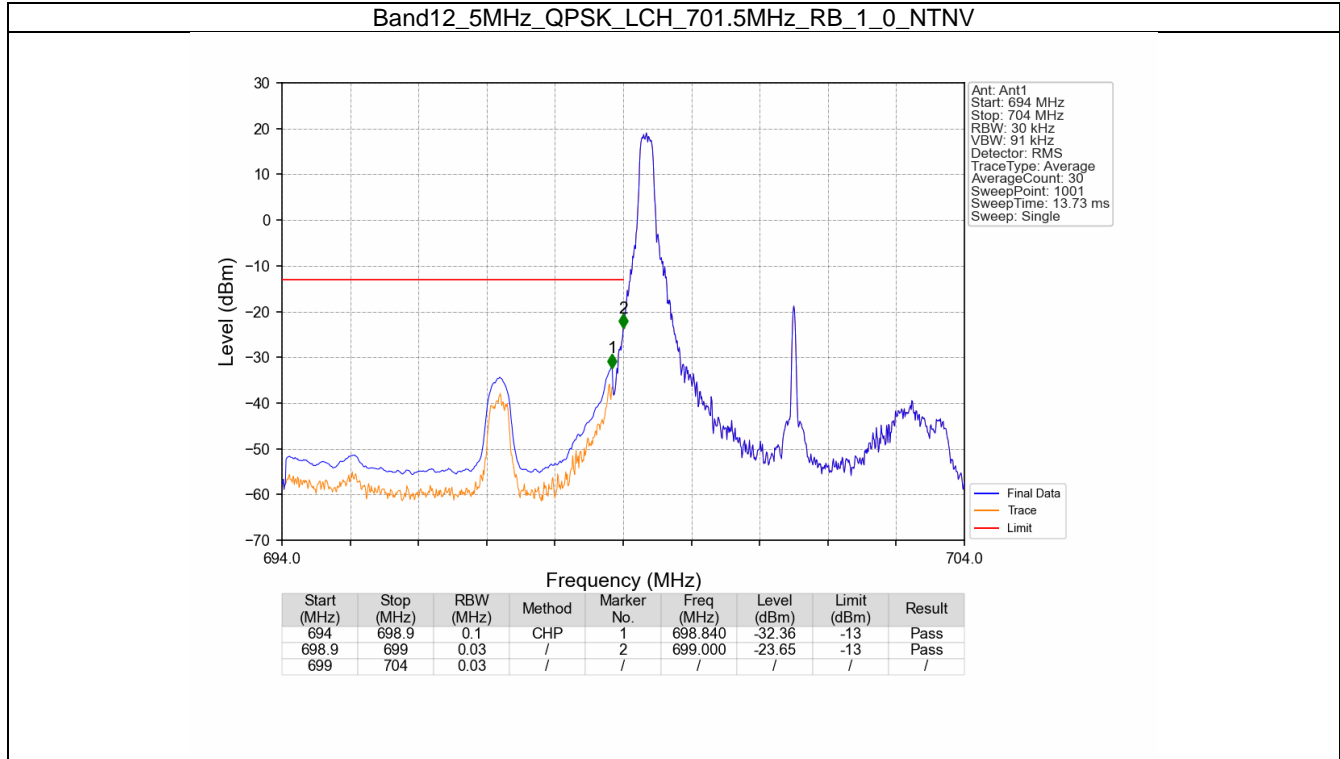
4.3.1 Test Result

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
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			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
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			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
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass



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4.3.2 Test Graph

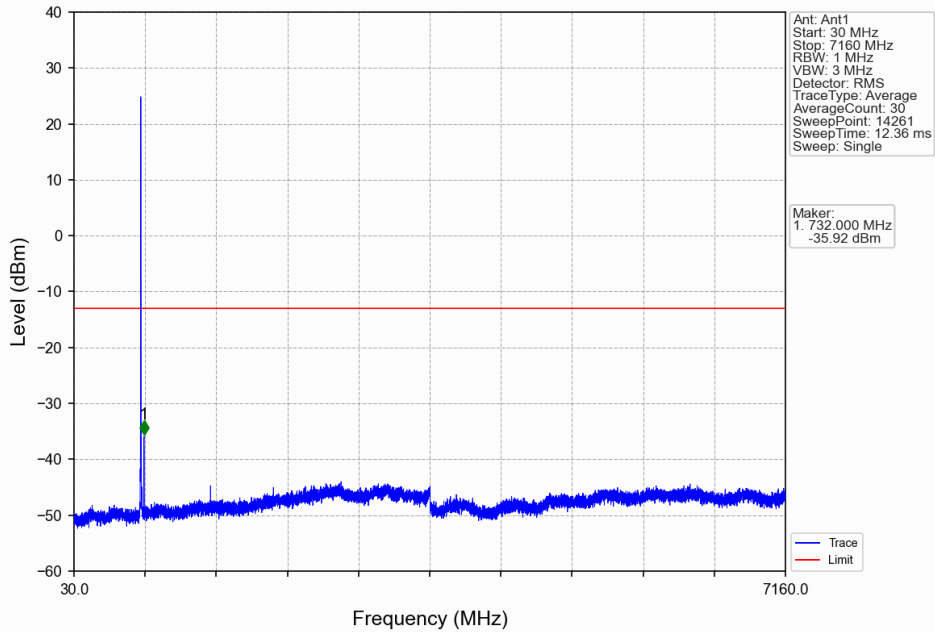


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Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

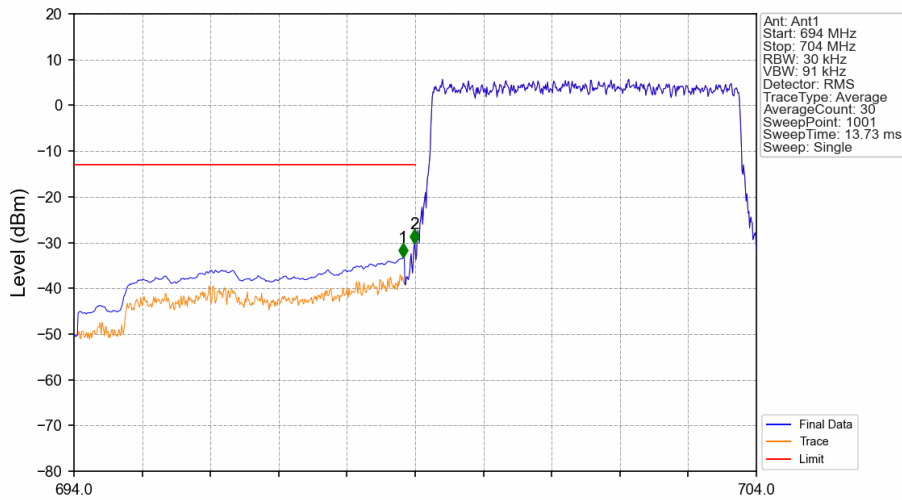


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Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.820	-33.28	-13	Pass
698.9	699	0.03	/	2	698.990	-30.26	-13	Pass
699	704	0.03	/	/	/	/	/	/



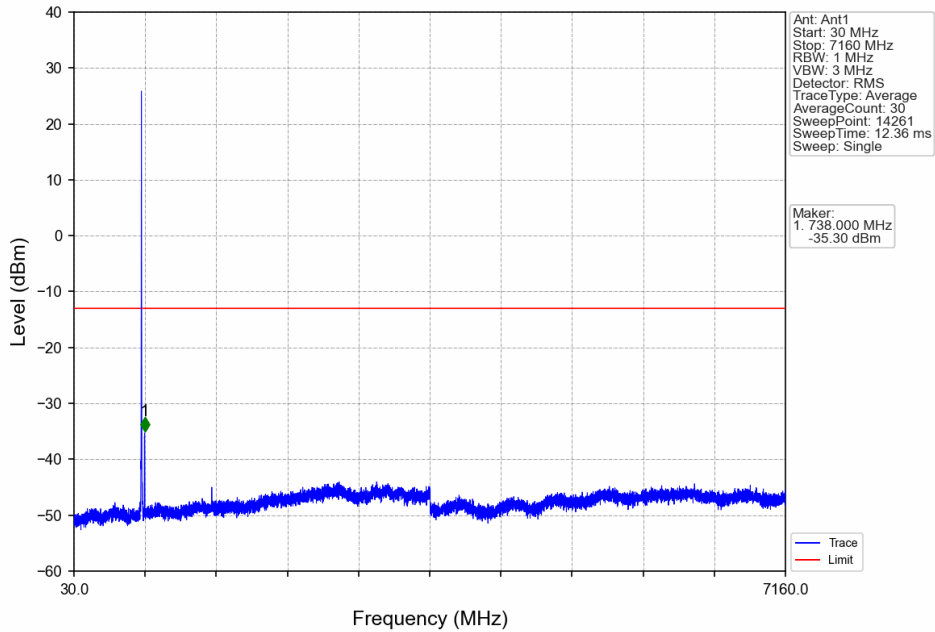
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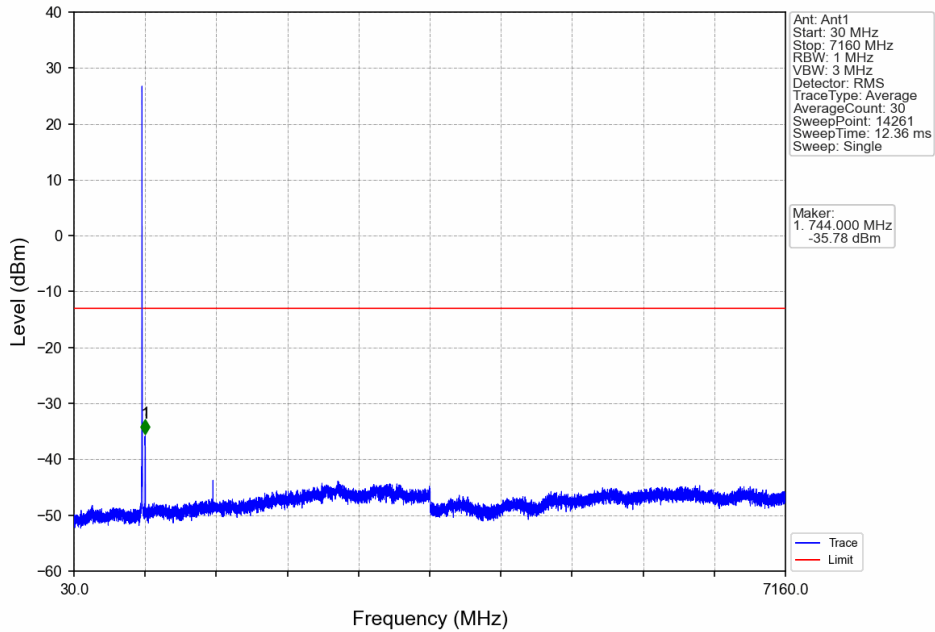
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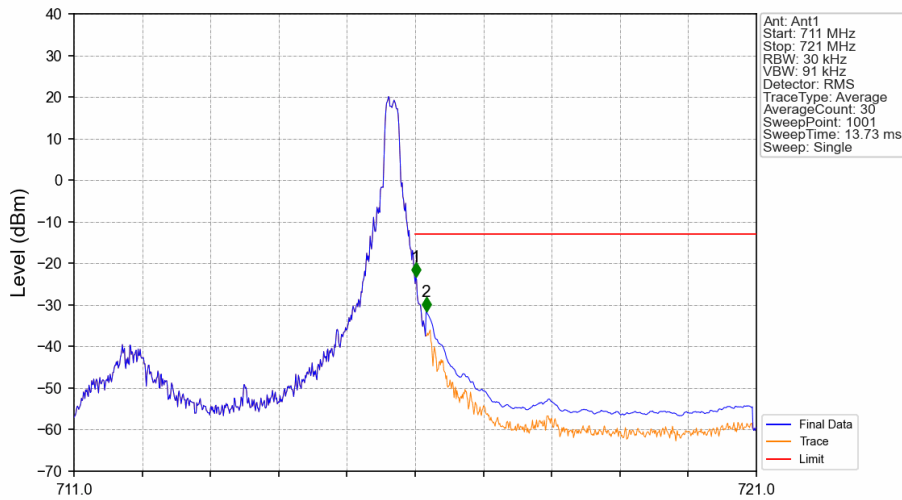
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Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



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	716.010	-23.29	-13	Pass
716.1	721	0.1	CHP	2	716.160	-31.54	-13	Pass

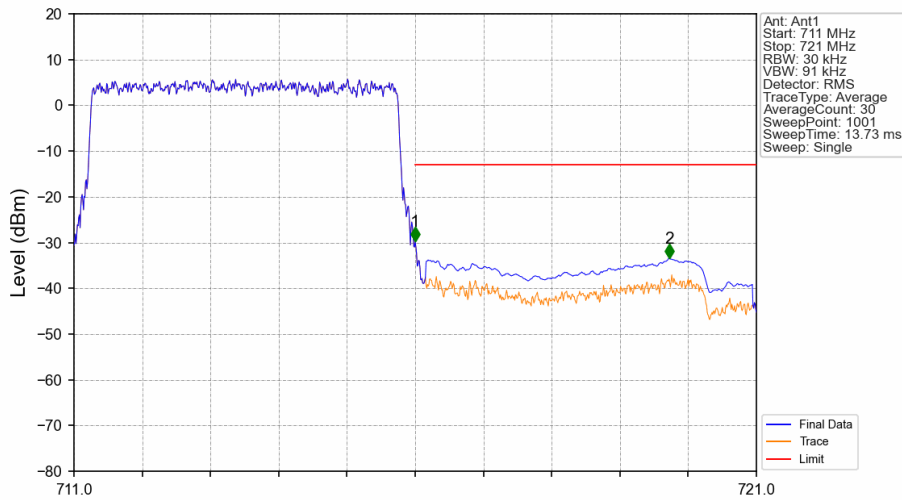


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Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716.1	716.1	0.03	/	1	716.000	-29.73	-13	Pass
716.1	721	0.1	CHP	2	719.720	-33.48	-13	Pass



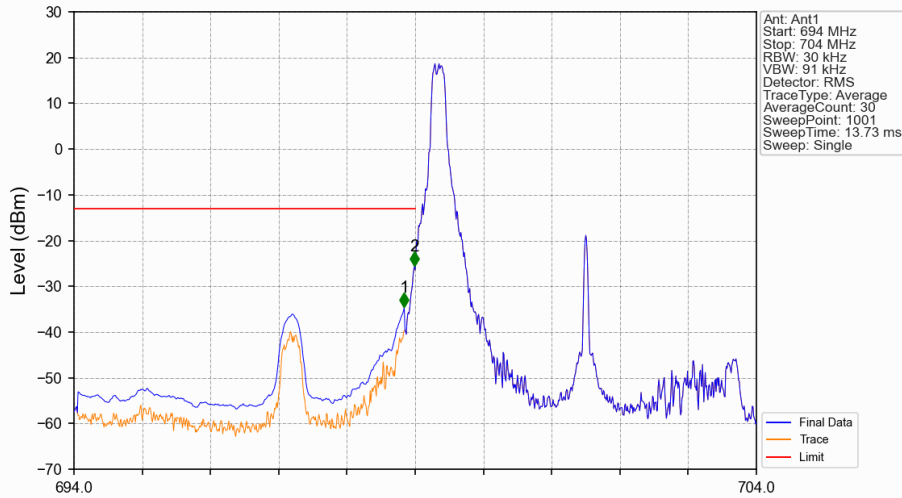
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Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



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	-34.55	-13	Pass
698.9	699	0.03	/	2	698.990	-25.62	-13	Pass
699	704	0.03	/	/	/	/	/	/



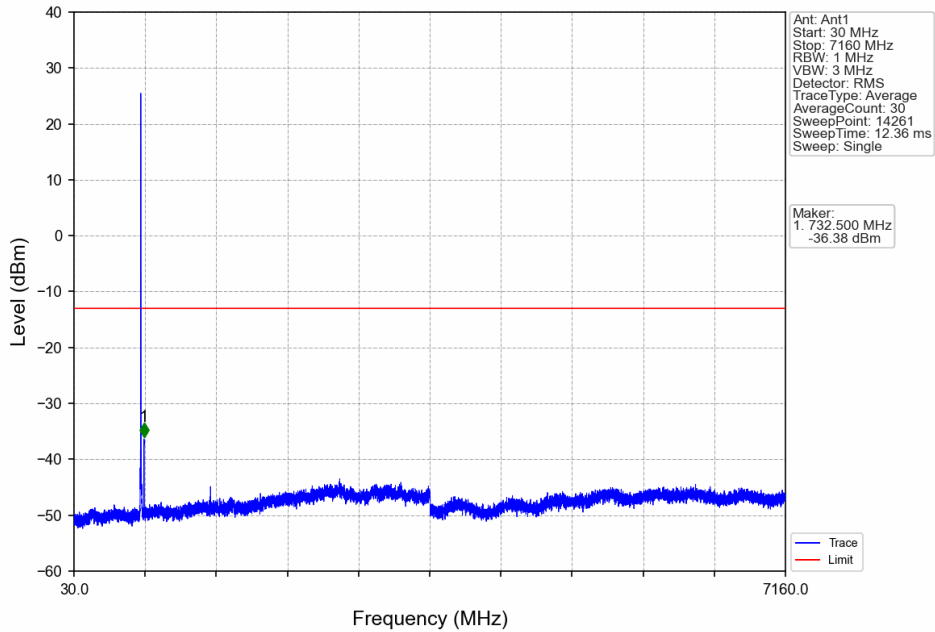
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Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



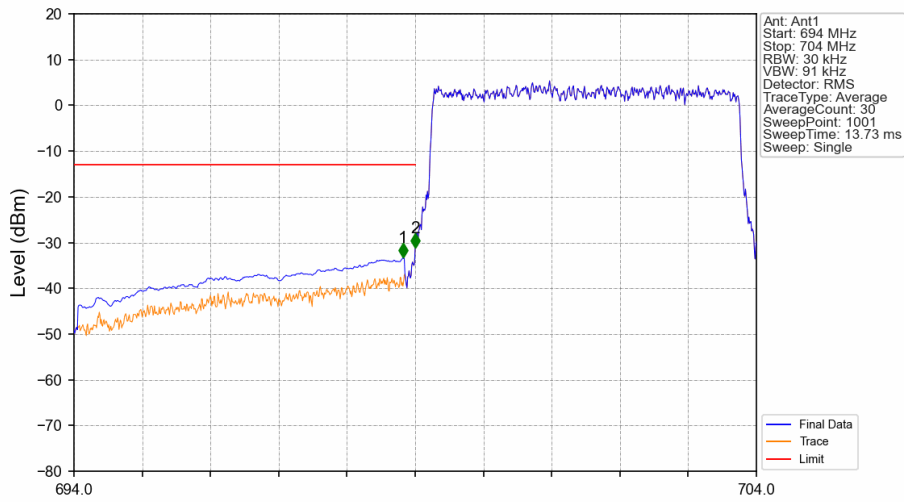
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Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.820	-33.31	-13	Pass
698.9	699	0.03	/	2	699.000	-31.10	-13	Pass
699	704	0.03	/	/	/	/	/	/



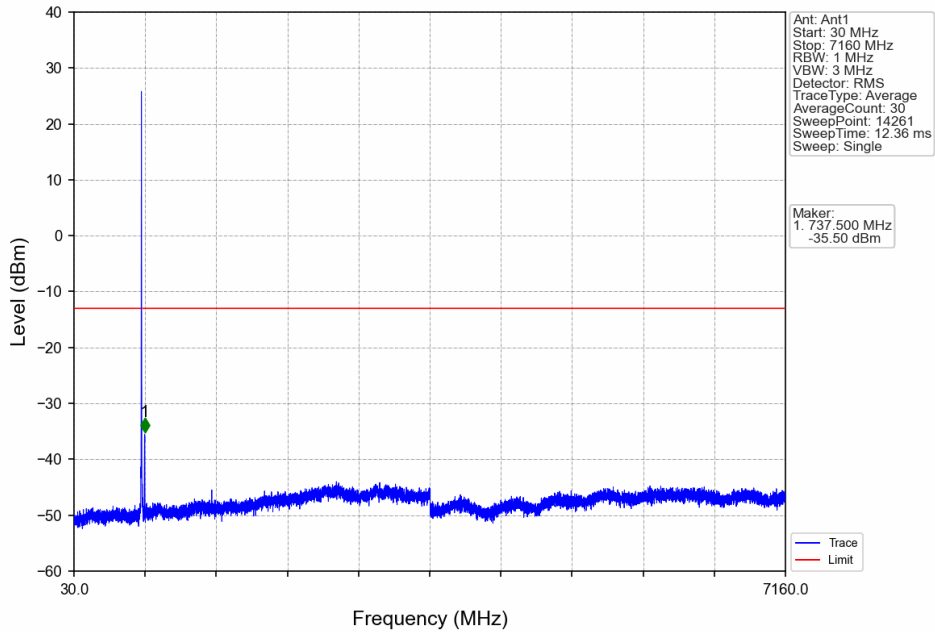
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Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



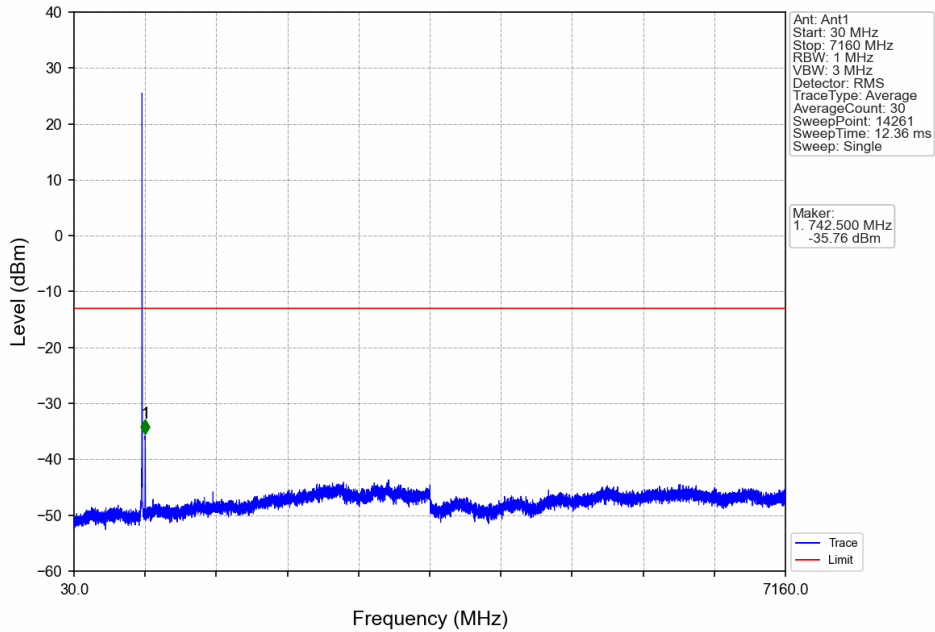
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Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

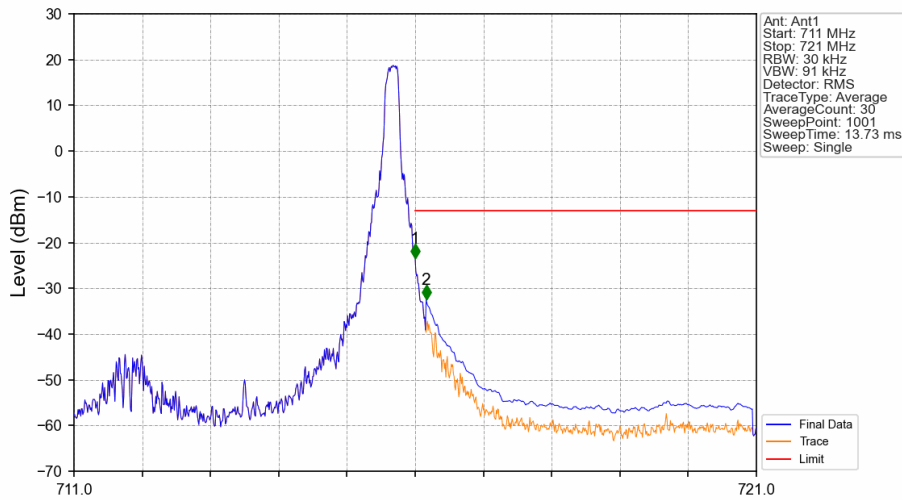


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Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



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	-23.39	-13	Pass
716.1	721	0.1	CHP	2	716.160	-32.50	-13	Pass

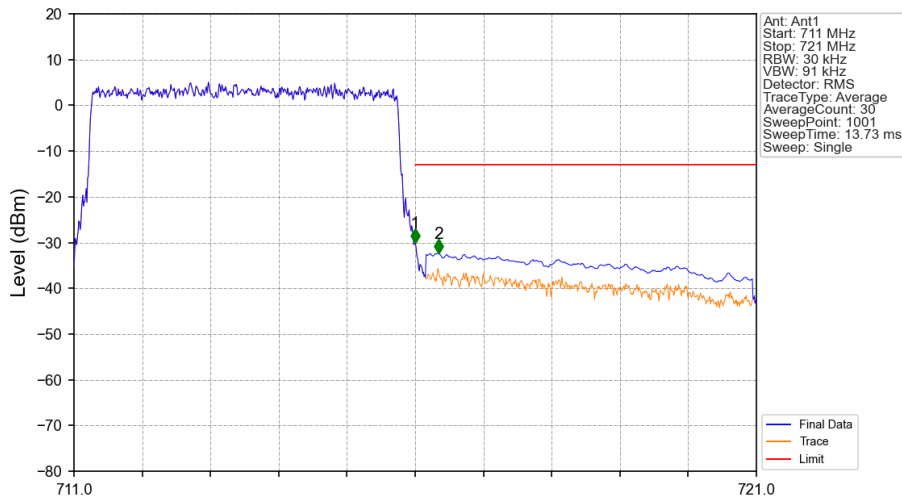


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Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



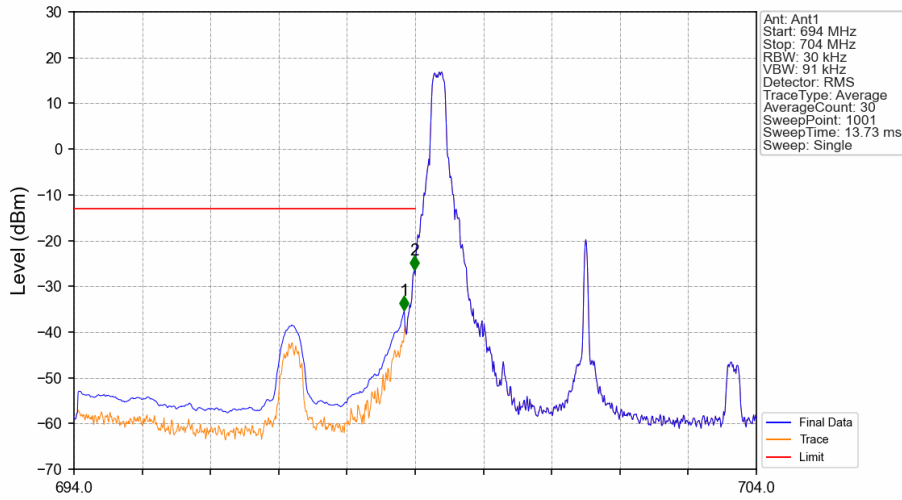
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716.1	716.1	0.03	/	1	716.000	-30.07	-13	Pass
716.1	721	0.1	CHP	2	716.340	-32.37	-13	Pass



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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	-35.23	-13	Pass
698.9	699	0.03	/	2	698.990	-26.48	-13	Pass
699	704	0.03	/	/	/	/	/	/

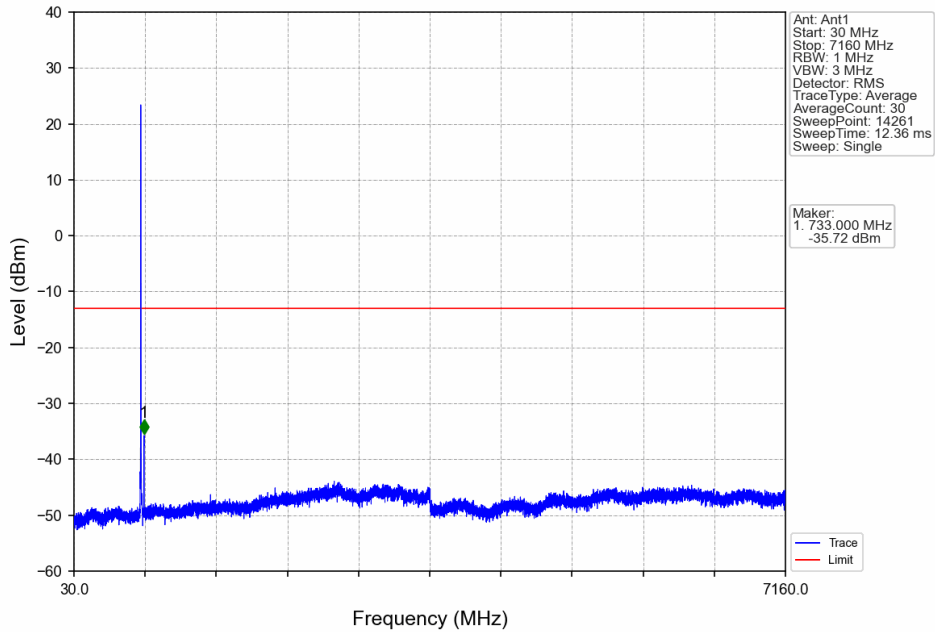


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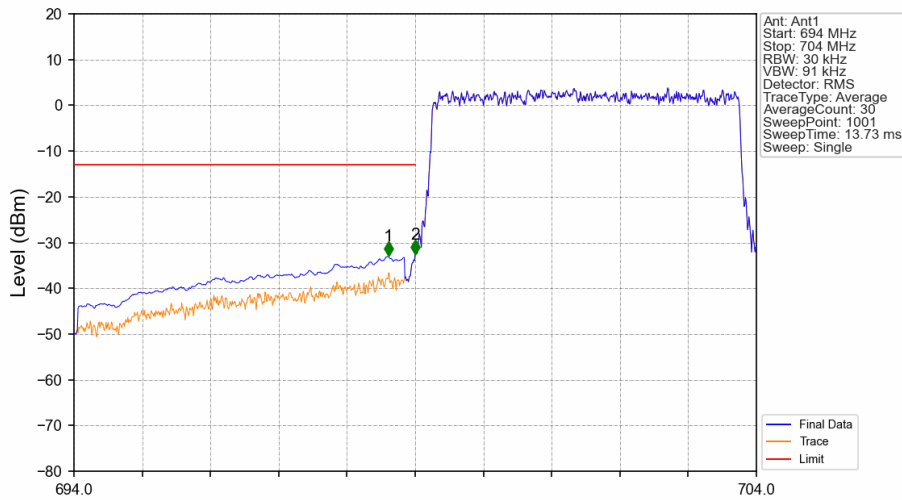


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Band12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.610	-32.99	-13	Pass
698.9	699	0.03	/	2	699.000	-32.56	-13	Pass
699	704	0.03	/	/	/	/	/	/

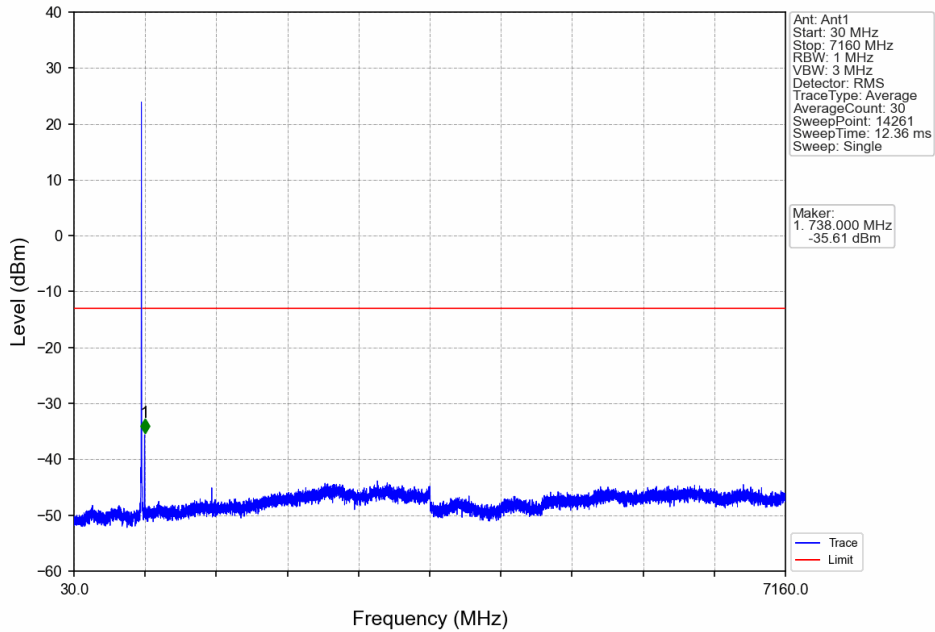


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Band12_5MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



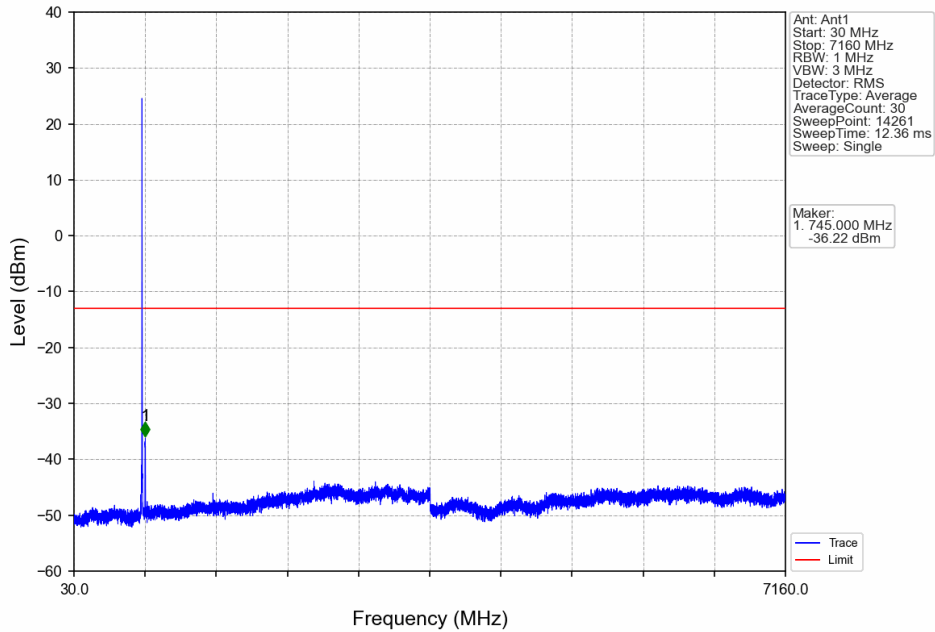
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Band12_5MHz_64QAM_HCH_713.5MHz_RB_1_0_NTNV

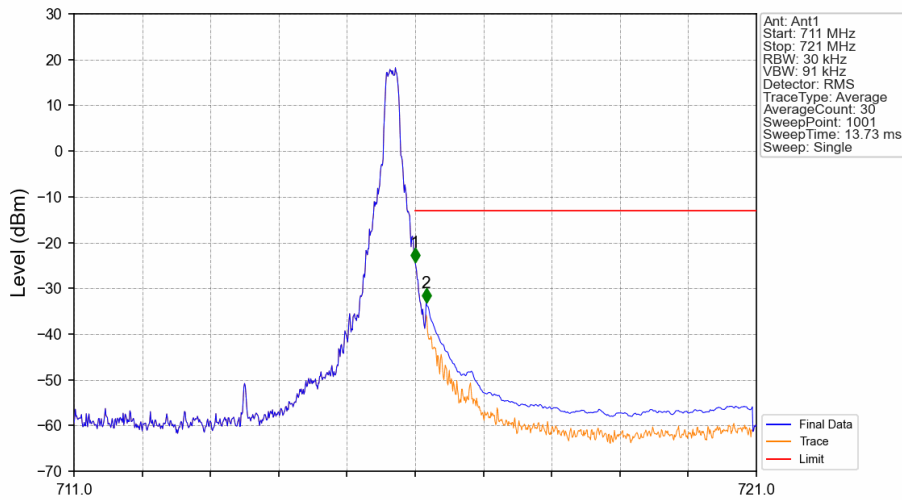


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Band12_5MHz_64QAM_HCH_713.5MHz_RB_1_24_NTNV



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	-24.29	-13	Pass
716.1	721	0.1	CHP	2	716.160	-33.14	-13	Pass

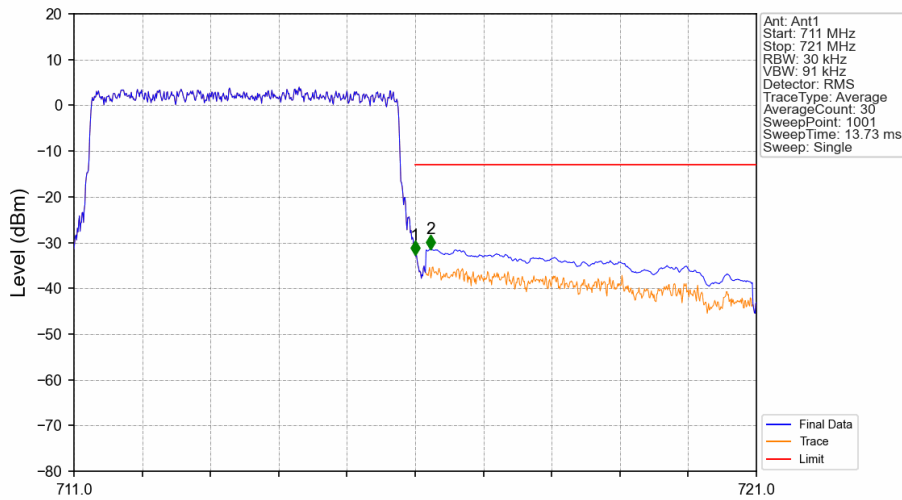


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Band12_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716.1	716.1	0.03	/	1	716.000	-32.76	-13	Pass
716.1	721	0.1	CHP	2	716.230	-31.42	-13	Pass



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4.4 B12_10MHz

4.4.1 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
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
64QAM	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

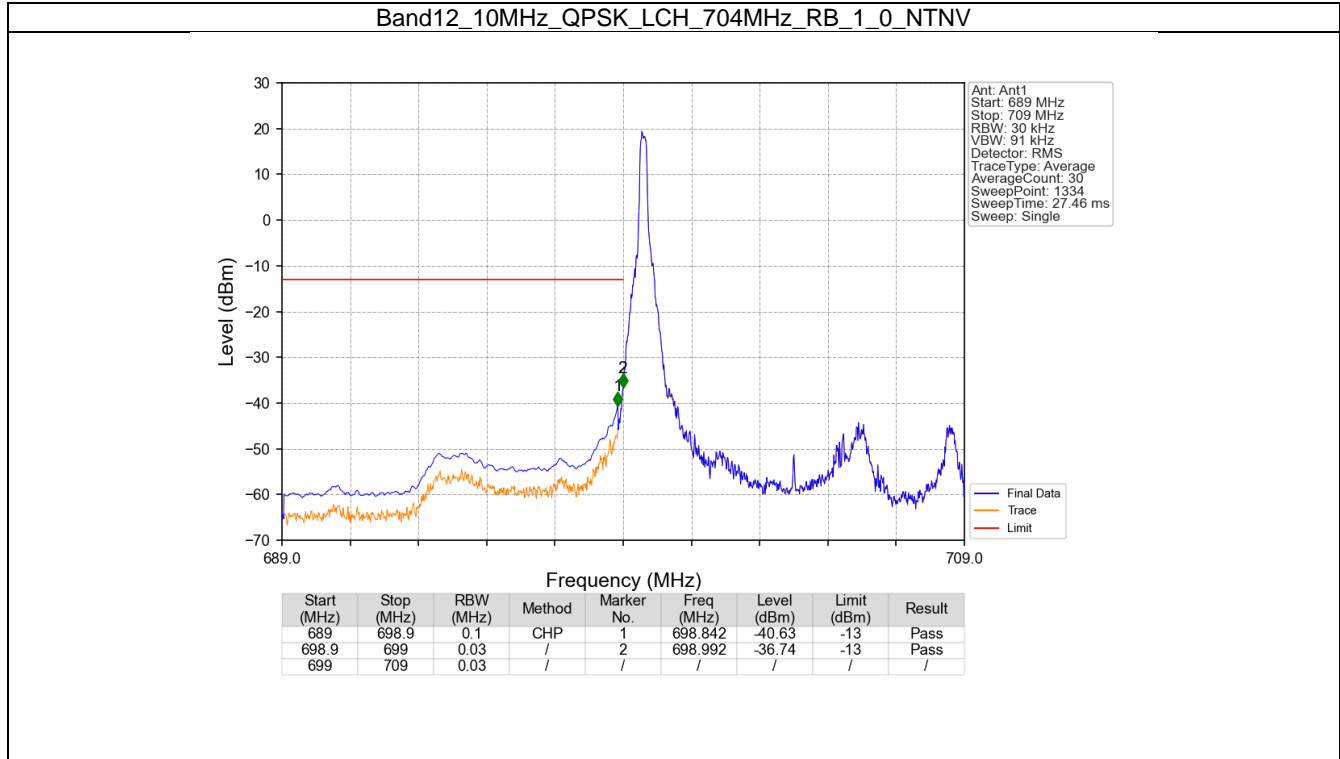


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4.4.2 Test Graph



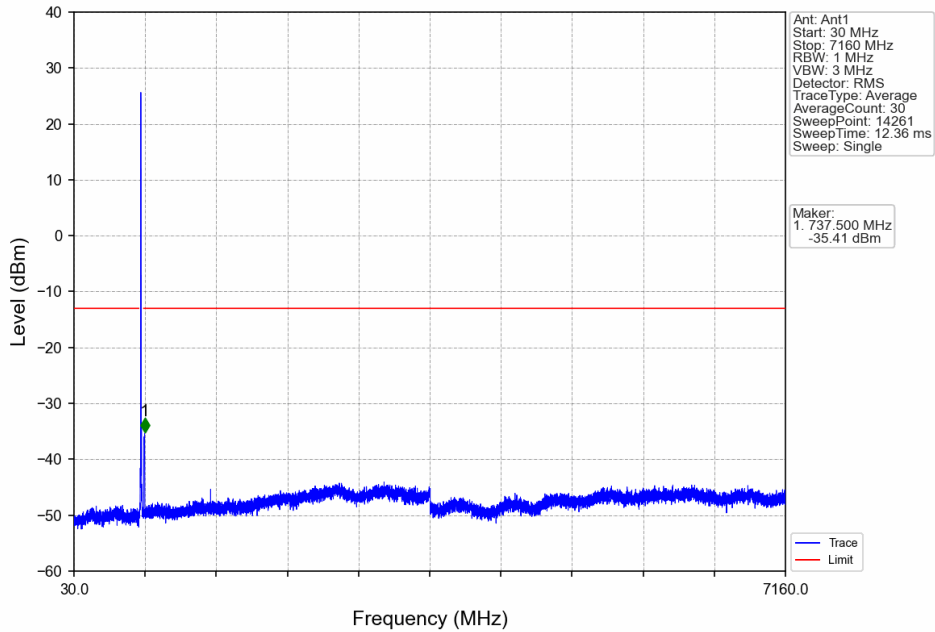
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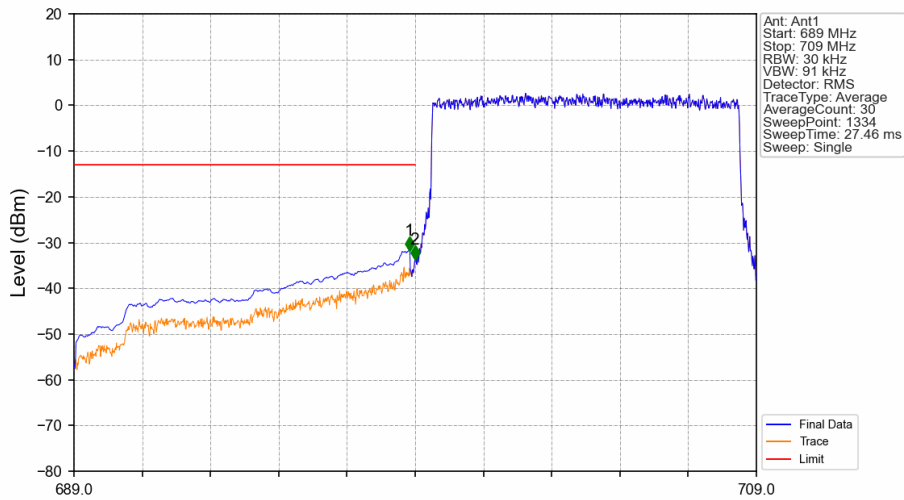


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Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.827	-31.77	-13	Pass
698.9	699	0.03	/	2	698.992	-33.72	-13	Pass
699	709	0.03	/	/	/	/	/	/



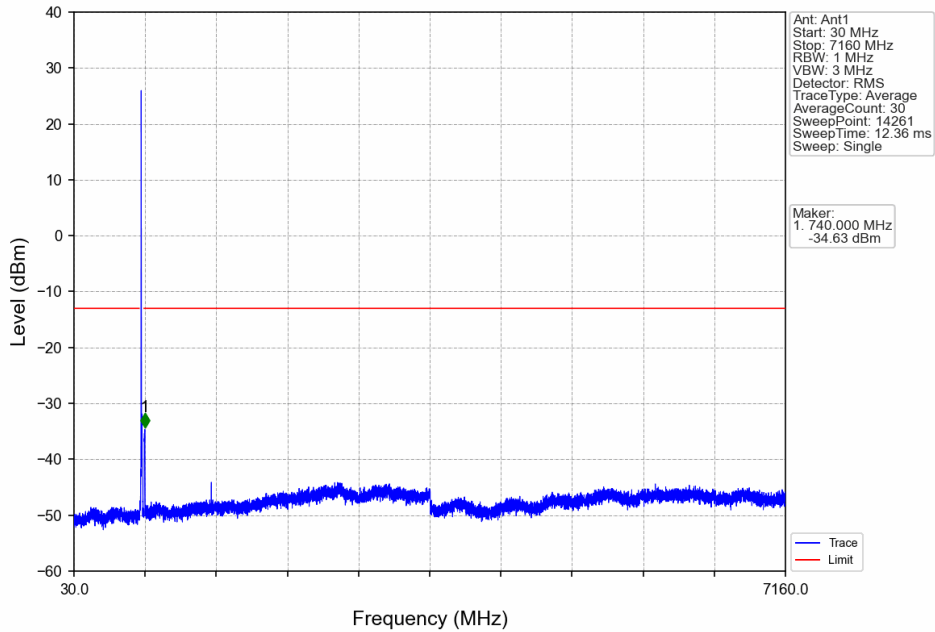
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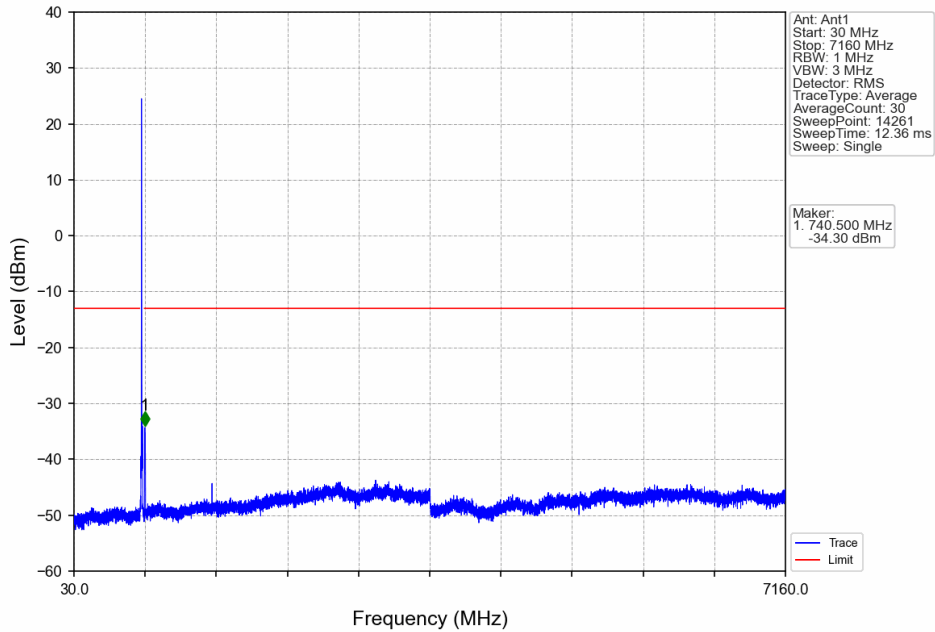
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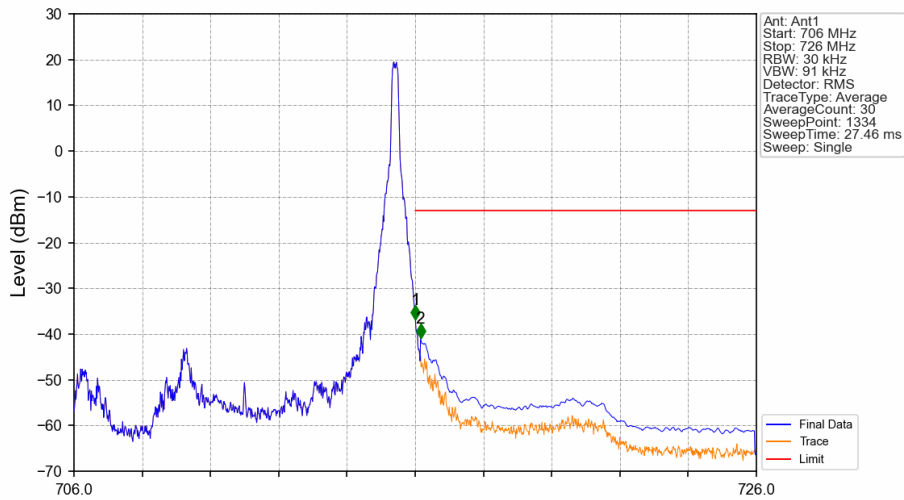


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Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



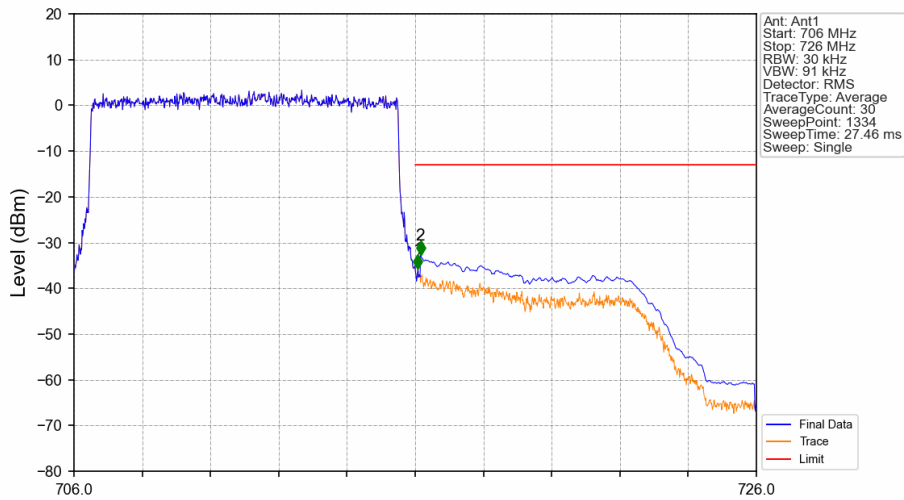
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-36.85	-13	Pass
716.1	726	0.1	CHP	2	716.158	-40.90	-13	Pass



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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	716.083	-35.73	-13	Pass
716.1	726	0.1	CHP	2	716.158	-32.81	-13	Pass



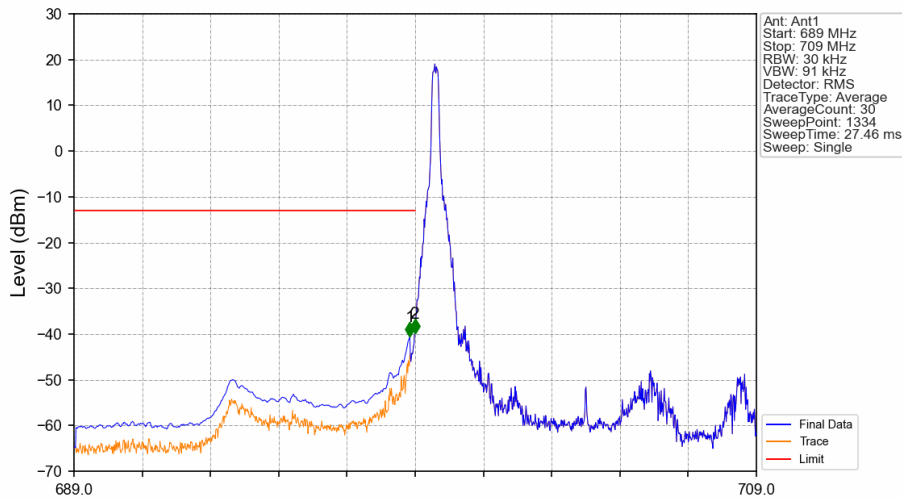
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Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



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	-40.58	-13	Pass
698.9	699	0.03	/	2	698.992	-39.80	-13	Pass
699	709	0.03	/	/	/	/	/	/



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