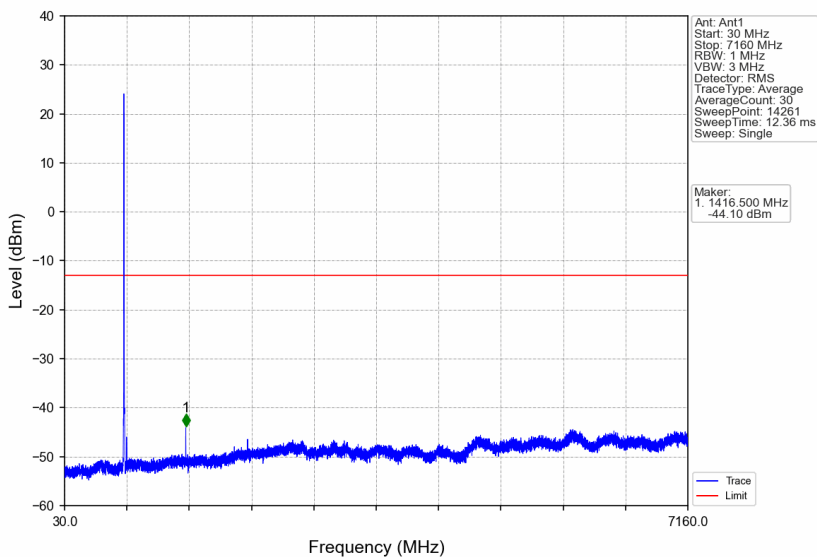


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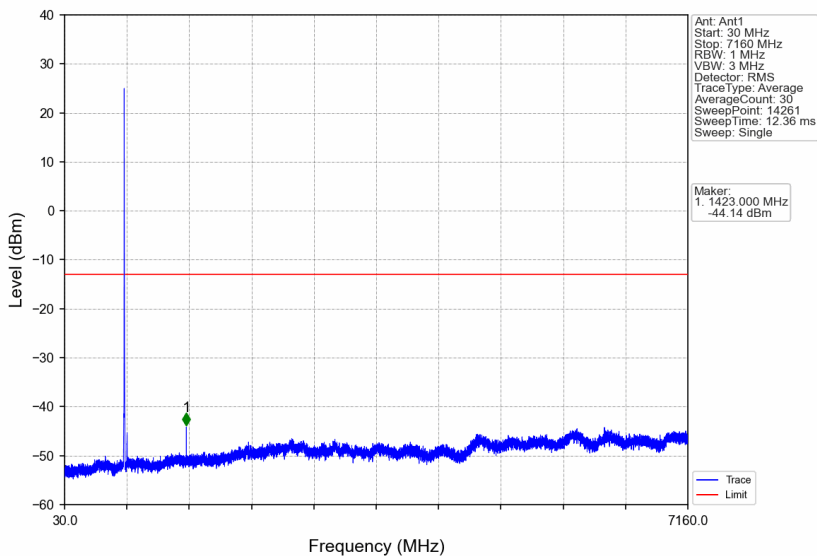
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Band17 5MHz 16QAM MCH 710MHz RB 1 0 NTN



Band17 5MHz 16QAM HCH 713.5MHz RB 1 0 NTN



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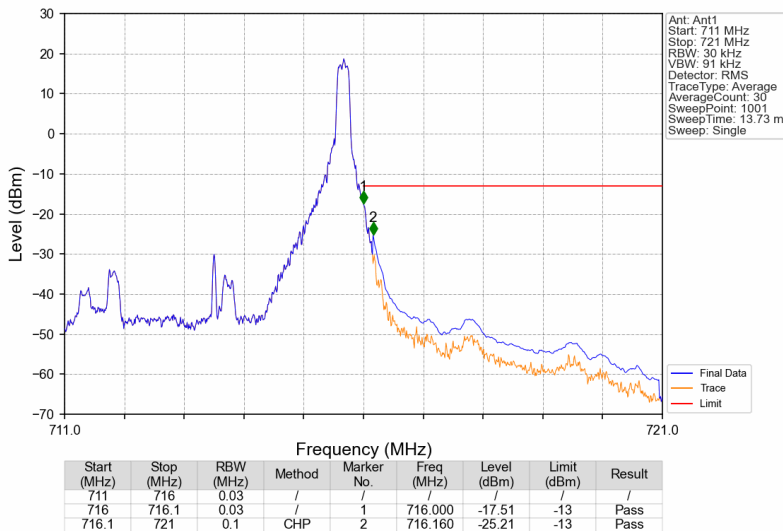
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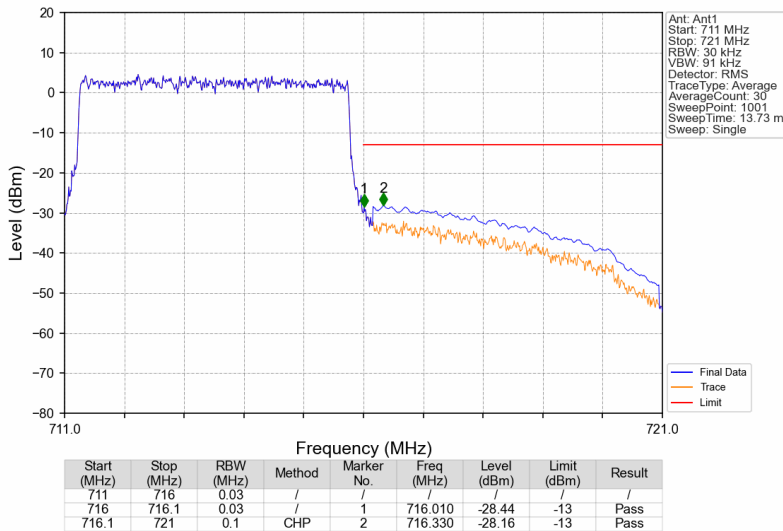
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Band17 5MHz 16QAM HCH 713.5MHz RB_1 24 NTNV



Band17 5MHz 16QAM HCH 713.5MHz RB_25 0 NTNV



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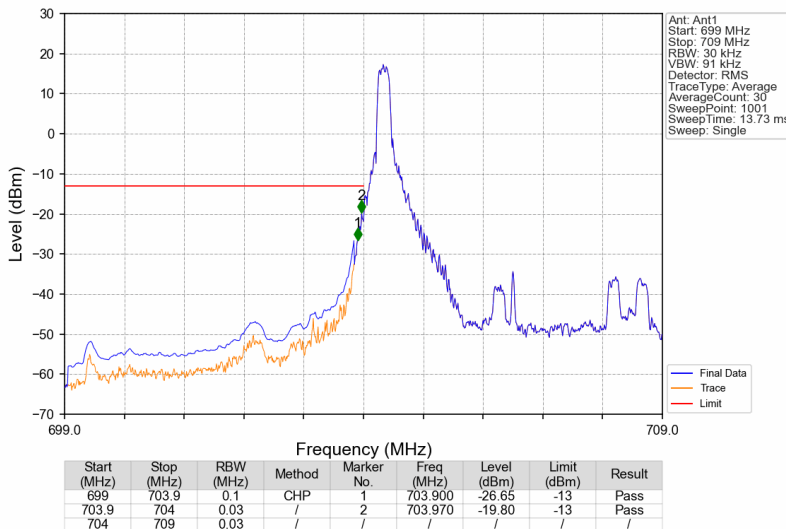
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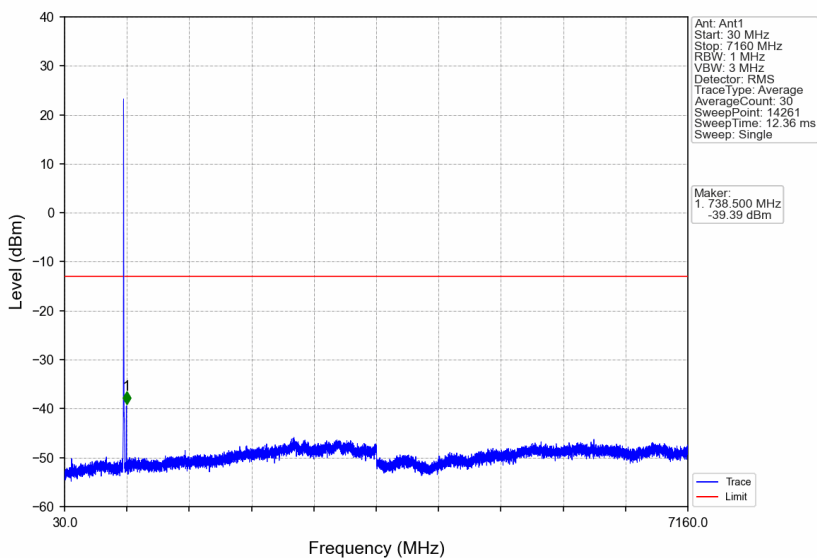
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Band17_5MHz_64QAM_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_64QAM_LCH_706.5MHz_RB_1_0_NTNV



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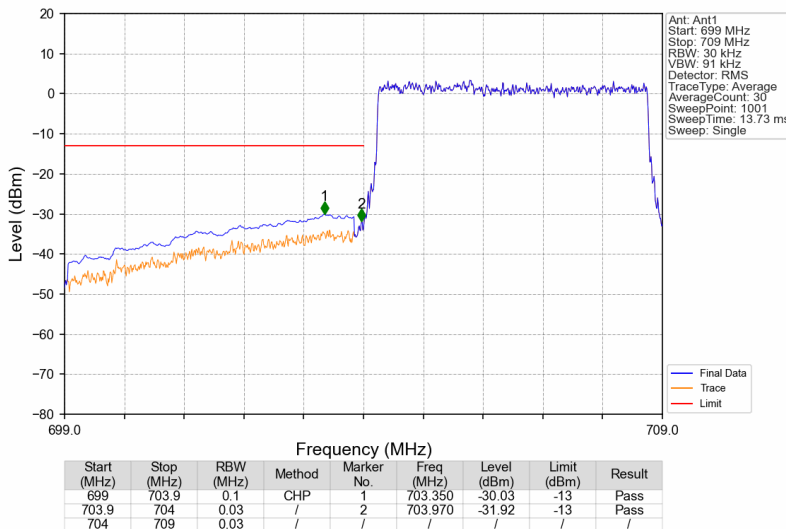
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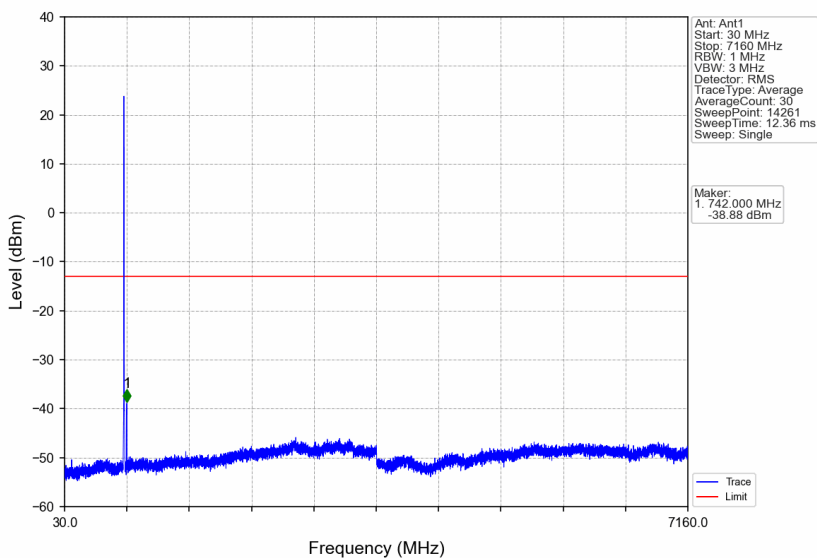
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Band17 5MHz 64QAM LCH 706.5MHz_RB_25_0_NTNV



Band17 5MHz 64QAM MCH 710MHz_RB_1_0_NTNV



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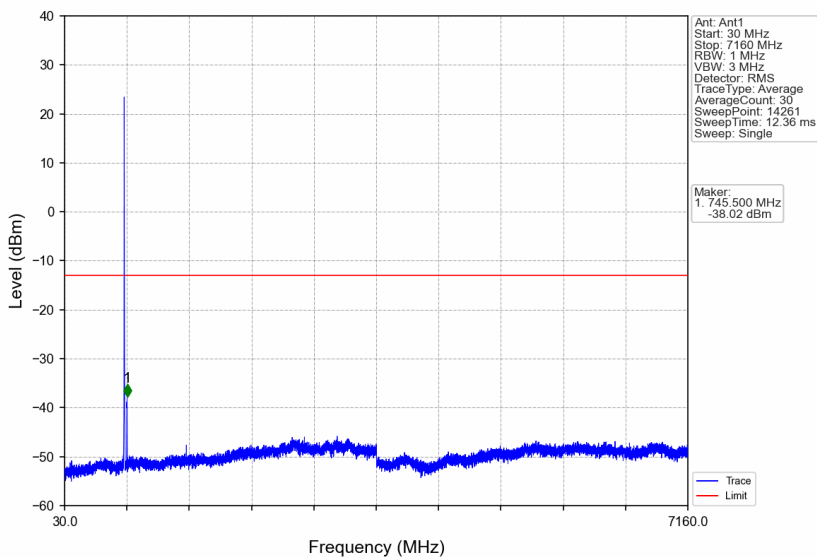
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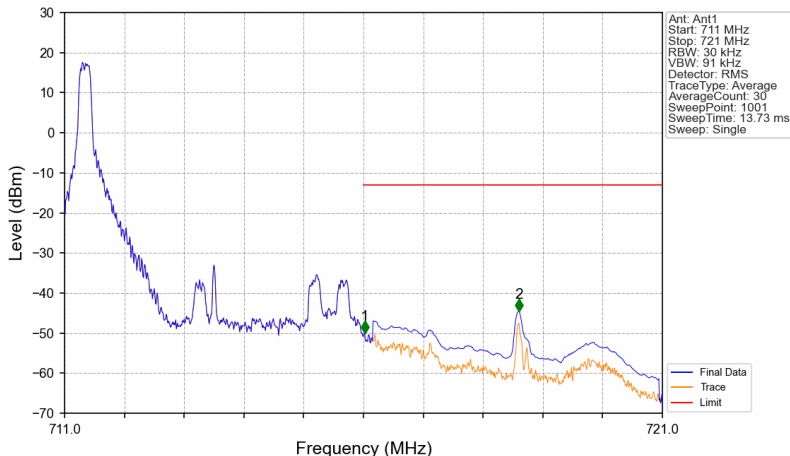
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Band17_5MHz_64QAM_HCH_713.5MHz_RB_1_0_NTNV



Band17_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	/	1	716.020	-50.11	-13	Pass
716	721	0.1	CHP	2	718.600	-44.56	-13	Pass



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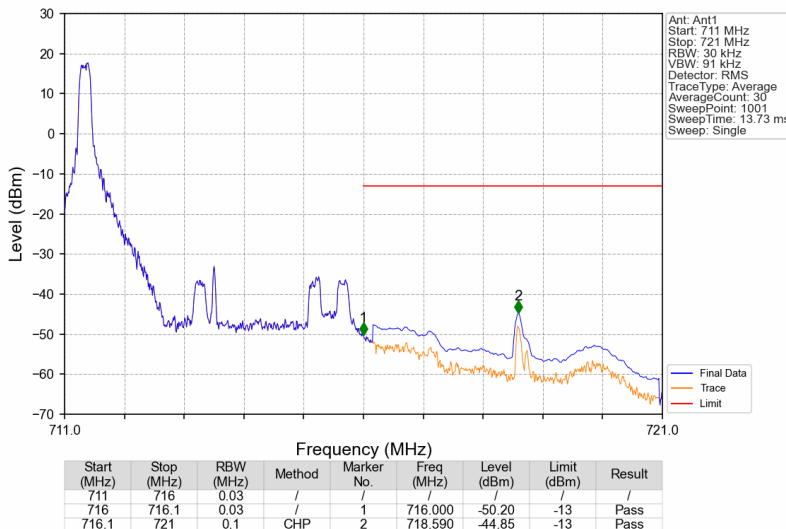
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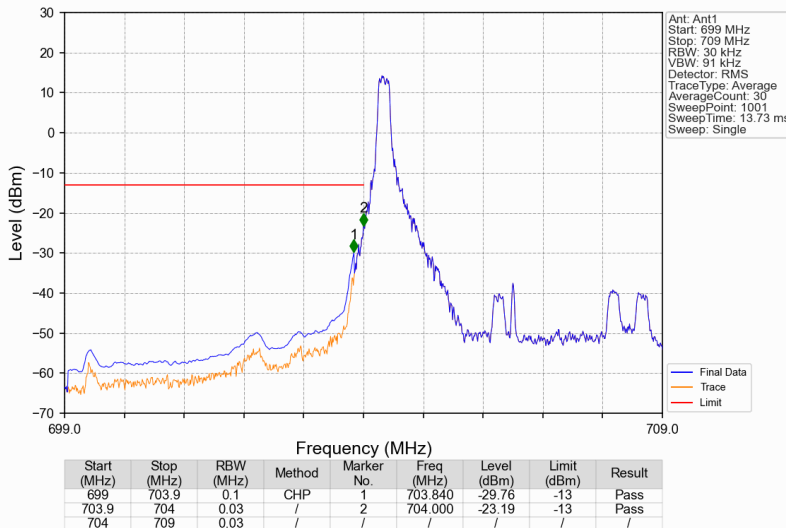
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Band17 5MHz 64QAM HCH 713.5MHz_RB_25_0 NTN



Band17 5MHz 256QAM LCH 706.5MHz_RB_1_0 NTN



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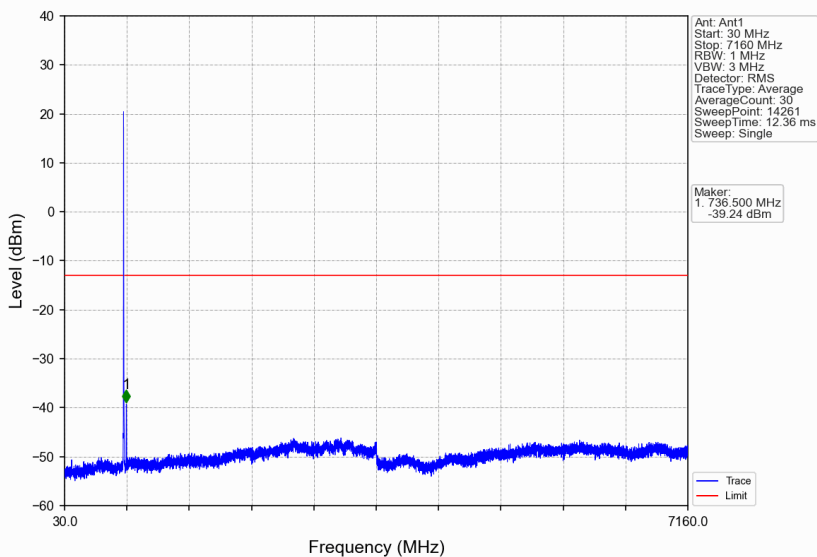
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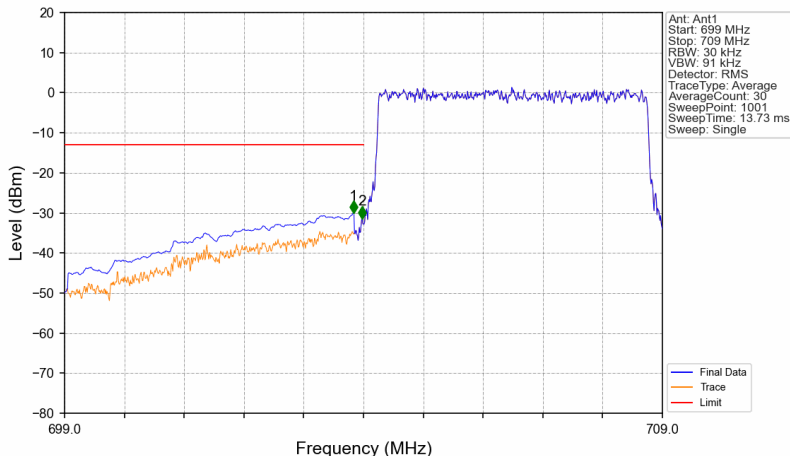
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Band17 5MHz 256QAM LCH 706.5MHz RB 1 0 NTNV



Band17 5MHz 256QAM LCH 706.5MHz RB 25 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.830	-30.06	-13	Pass
703.9	704	0.03	/	2	703.980	-31.42	-13	Pass
704	709	0.03	/	/	/	/	/	/



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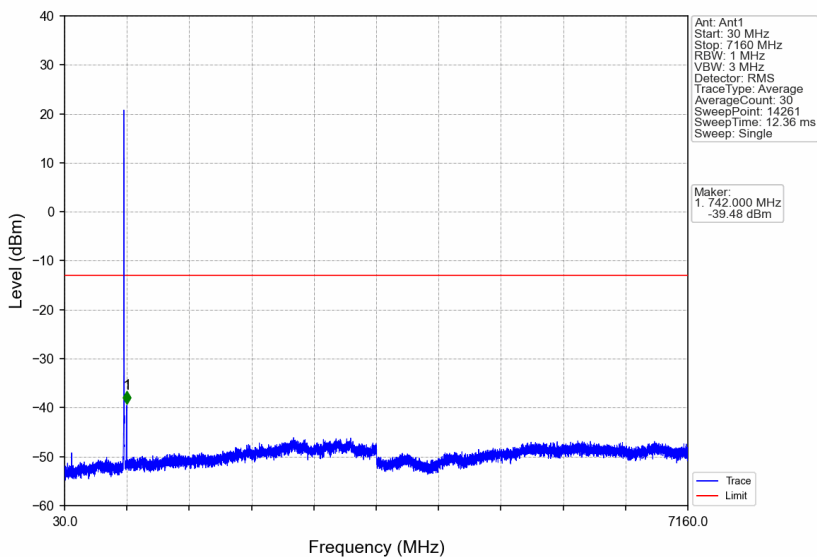
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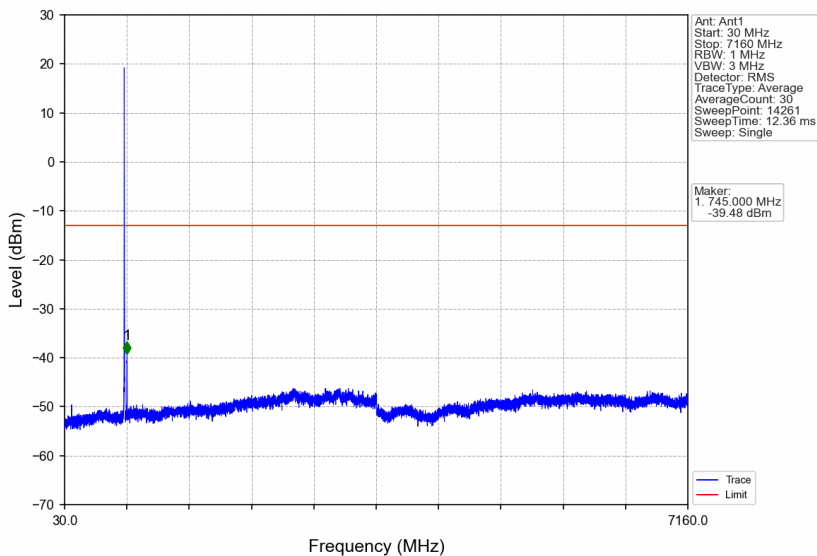
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Band17_5MHz_256QAM_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_256QAM_HCH_713.5MHz_RB_1_0_NTNV



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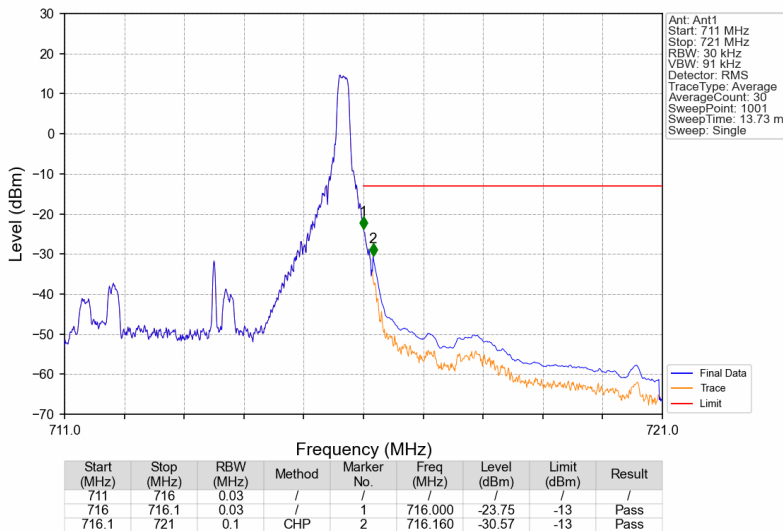
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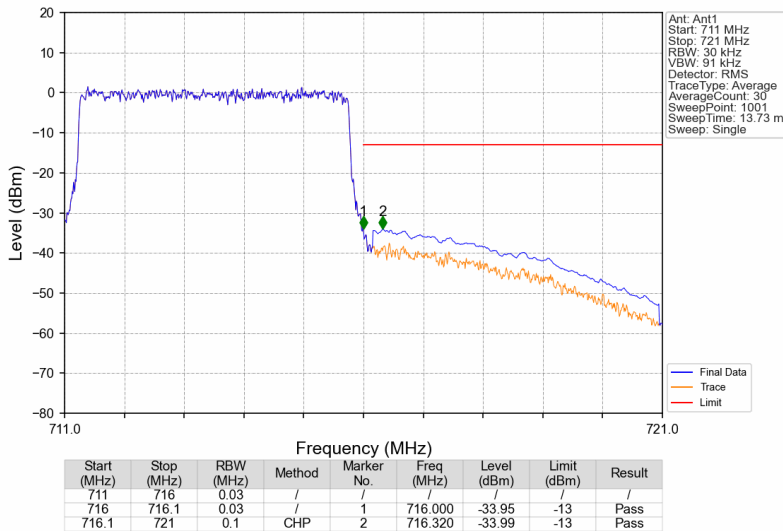
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Band17_5MHz_256QAM_HCH_713.5MHz_RB_1_24_NTNV



Band17_5MHz_256QAM_HCH_713.5MHz_RB_25_0_NTNV



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5.2 B17_10MHz

5.2.1 Test Result

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
64QAM	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
256QAM	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass



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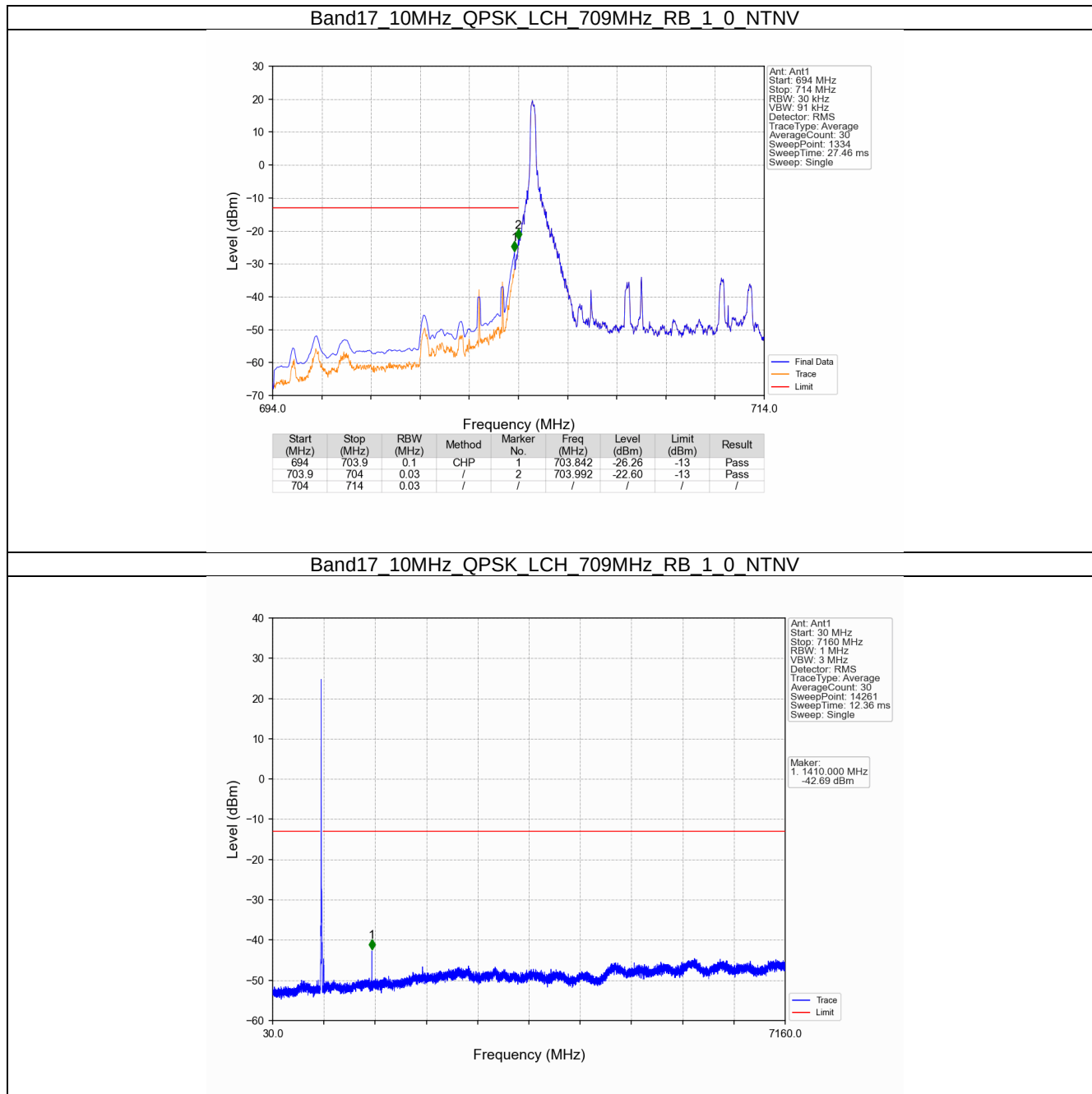
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5.2.2 Test Graph



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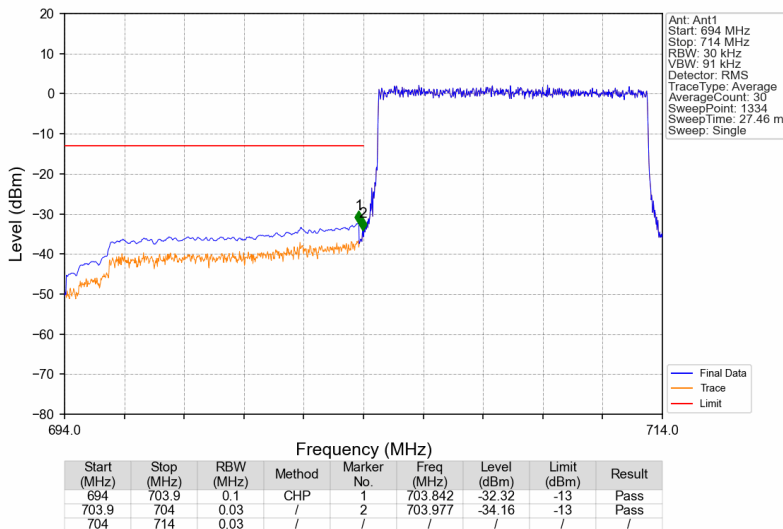
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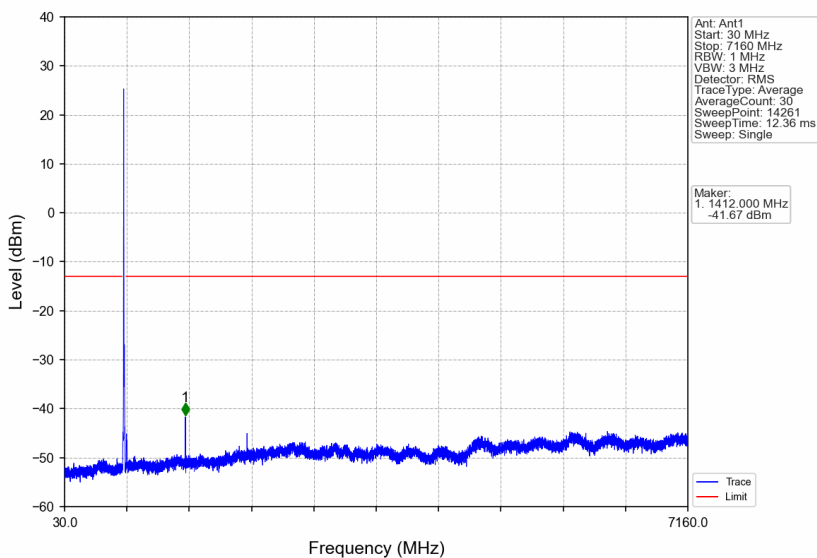
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Band17 10MHz QPSK LCH 709MHz RB 50 0 NTN



Band17 10MHz QPSK MCH 710MHz RB 1 0 NTN



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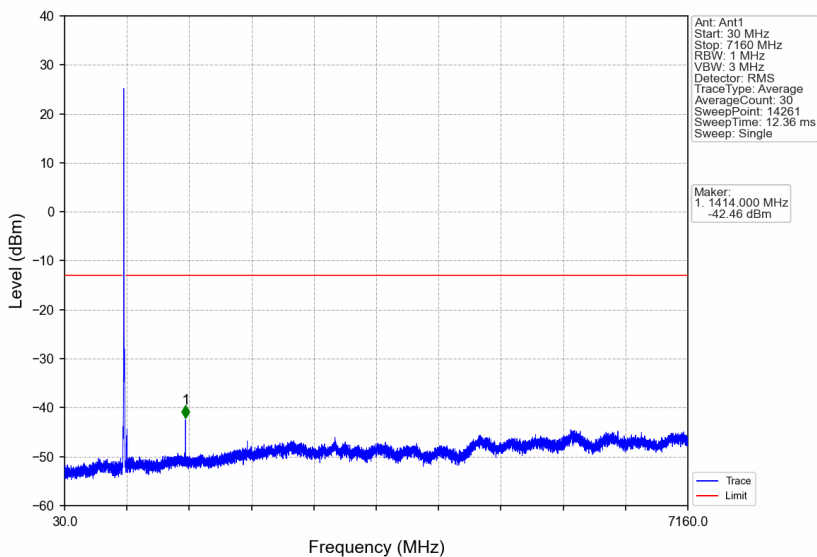
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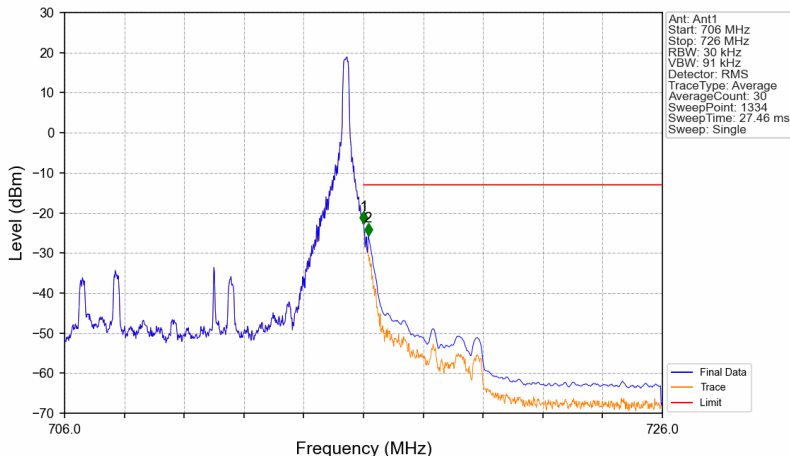
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Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band17_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	-22.69	-13	Pass
716	716.1	0.03	/	1	716.008	-22.69	-13	Pass
716.1	726	0.1	CHP	2	716.158	-25.64	-13	Pass



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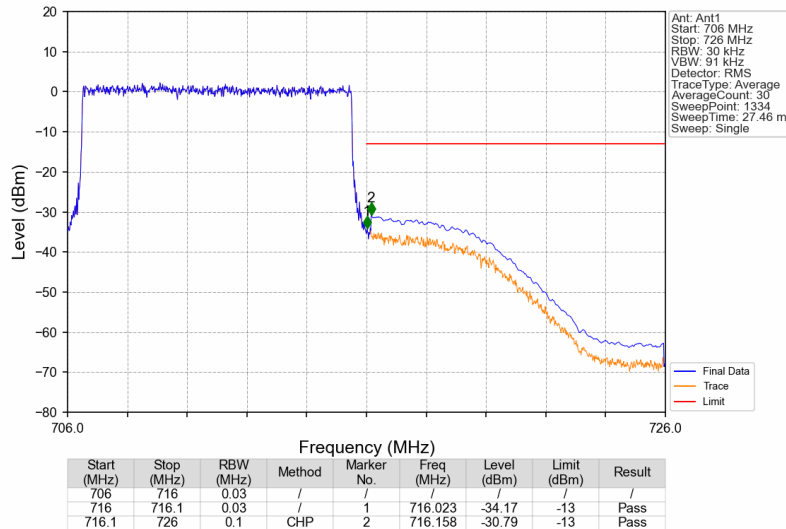
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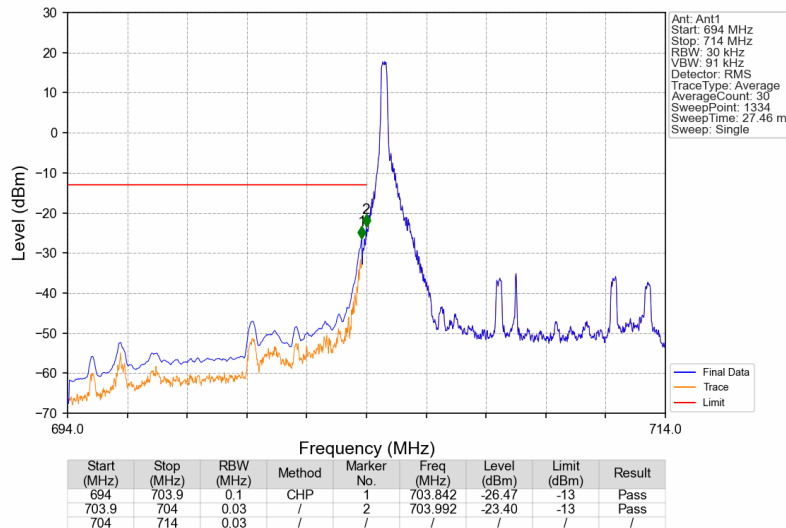
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Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



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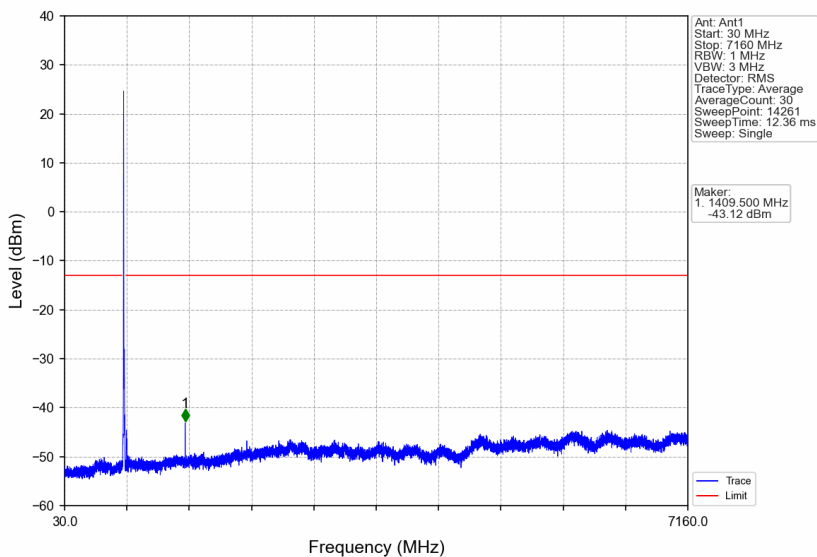
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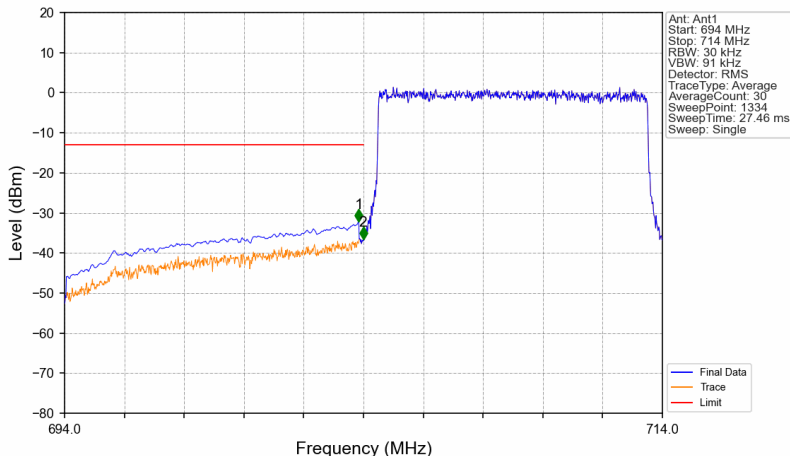
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Band17 10MHz 16QAM LCH 709MHz RB 1 0 NTN



Band17 10MHz 16QAM LCH 709MHz RB 50 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-32.25	-13	Pass
703.9	704	0.03	/	2	703.992	-36.59	-13	Pass
704	714	0.03	/	/	/	/	/	/



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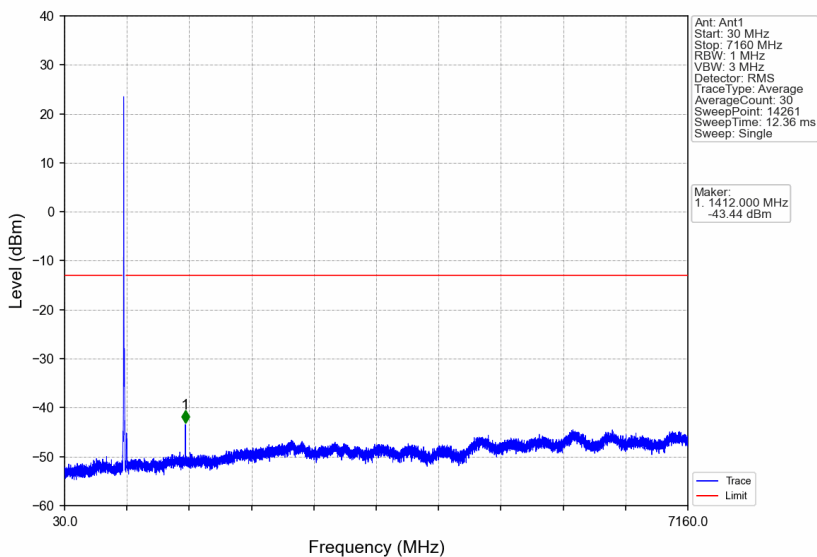
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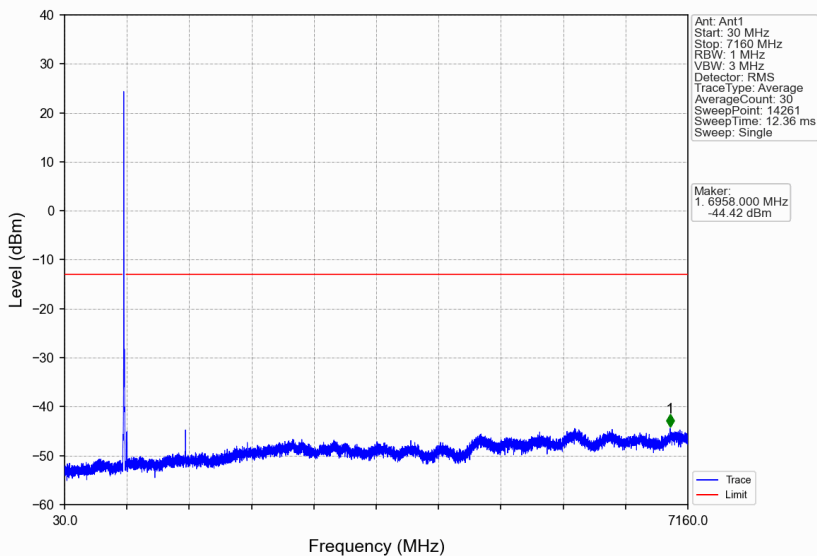
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Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



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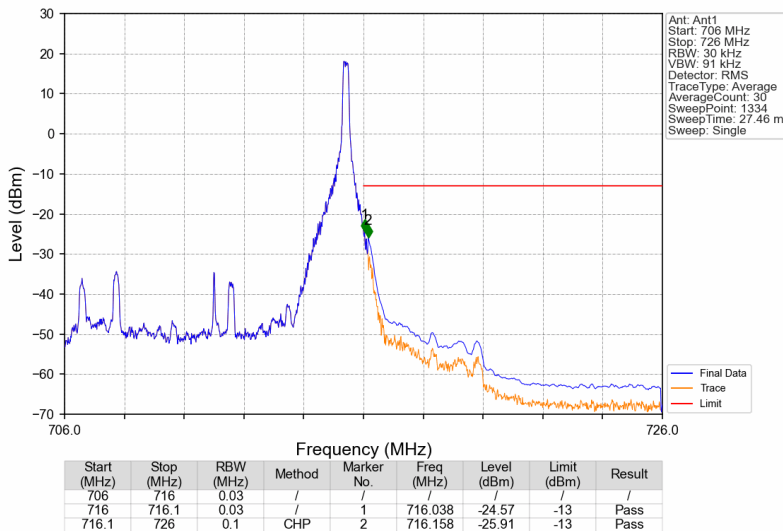
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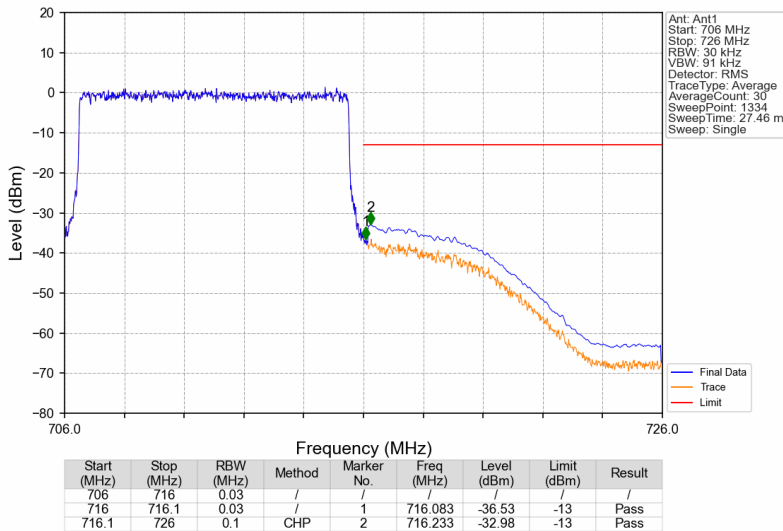
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Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



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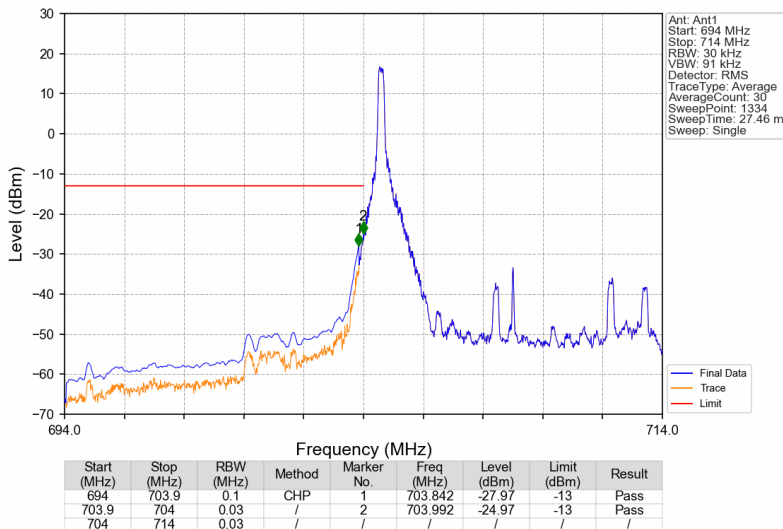
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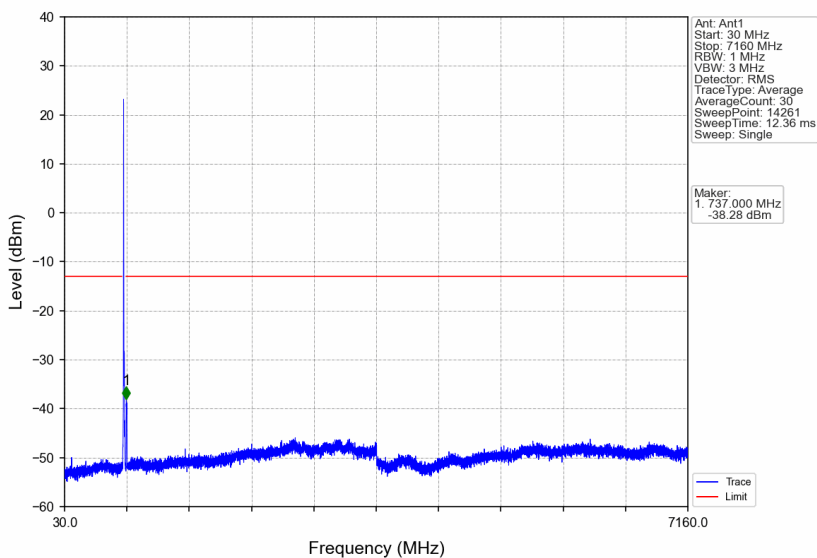
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Band17 10MHz 64QAM LCH 709MHz RB 1 0 NTN



Band17 10MHz 64QAM LCH 709MHz RB 1 0 NTN



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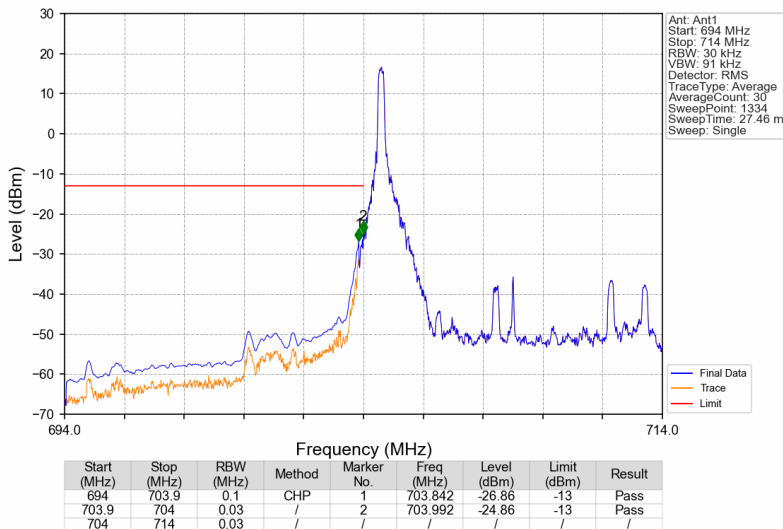
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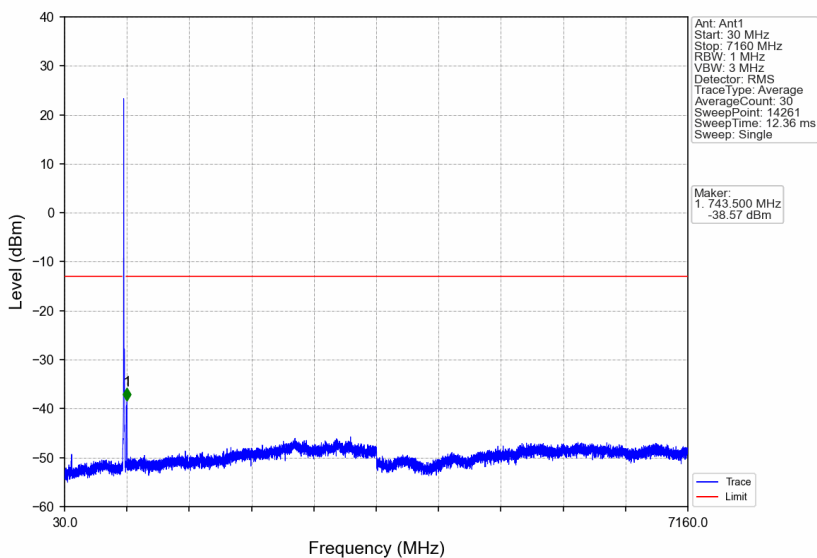
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Band17_10MHz_64QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_64QAM_MCH_710MHz_RB_1_0_NTNV



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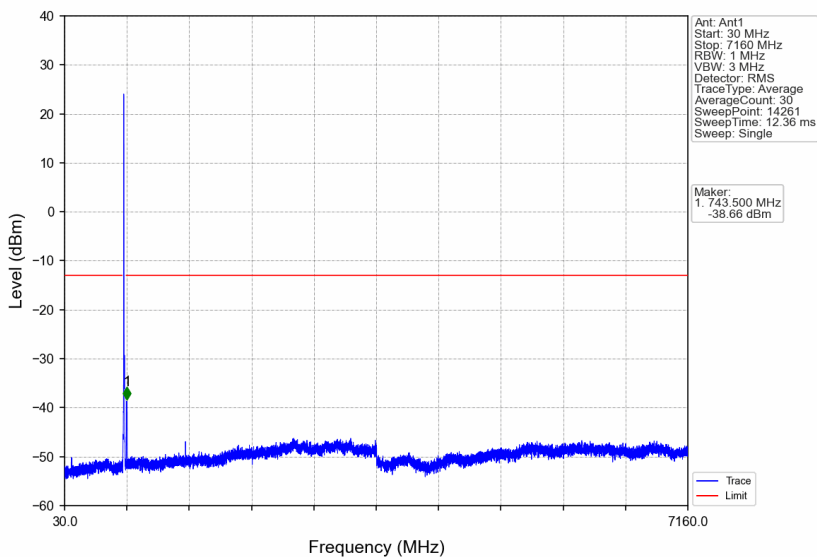


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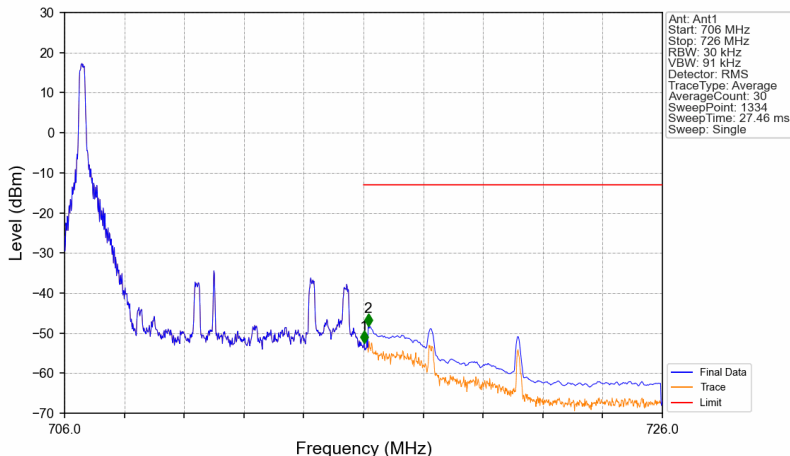
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Band17_10MHz_64QAM_HCH_711MHz_RB_1_0_NTNV



Band17_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	/	1	716.023	-52.58	-13	Pass
716	716.1	0.03	/	1	716.023	-52.58	-13	Pass
716.1	726	0.1	CHP	2	716.158	-48.22	-13	Pass



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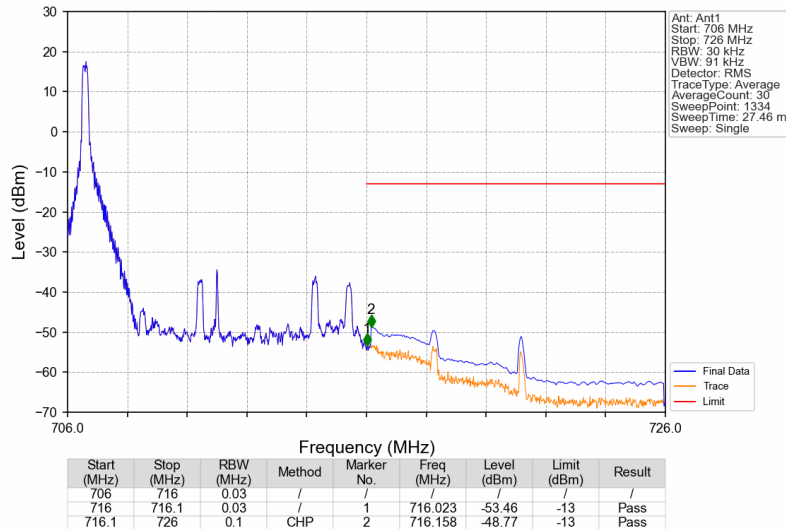
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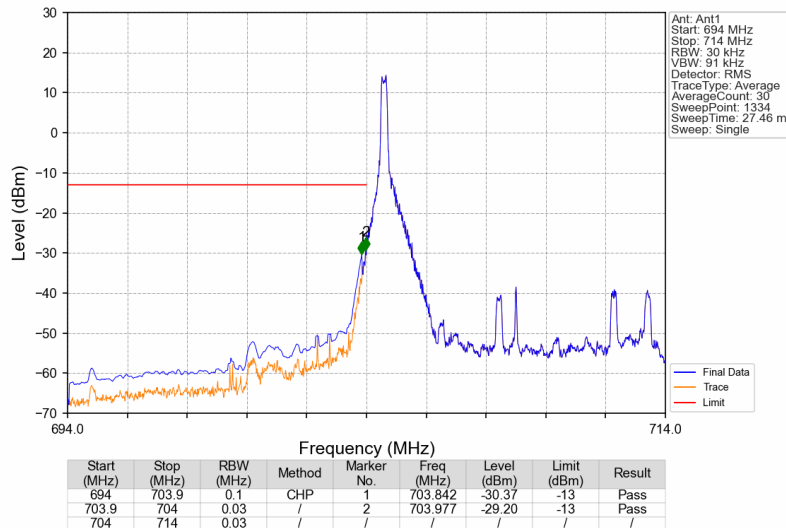
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Band17_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



Band17_10MHz_256QAM_LCH_709MHz_RB_1_0_NTNV



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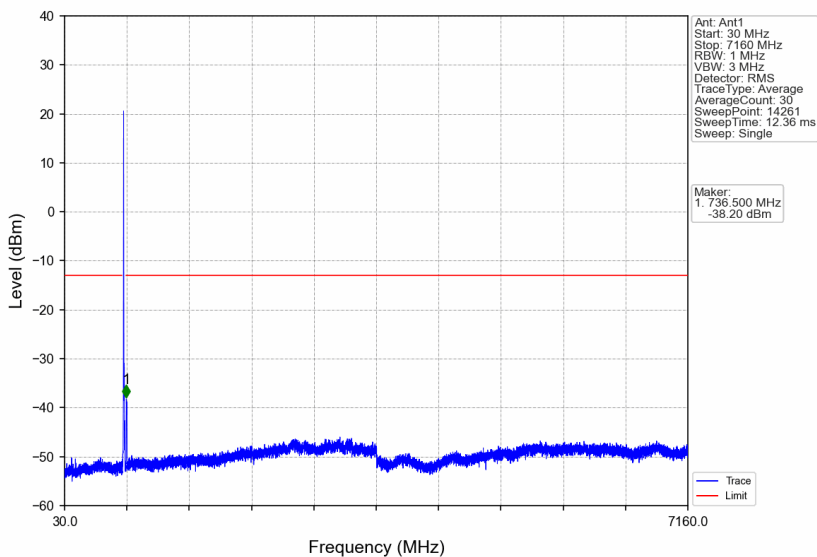
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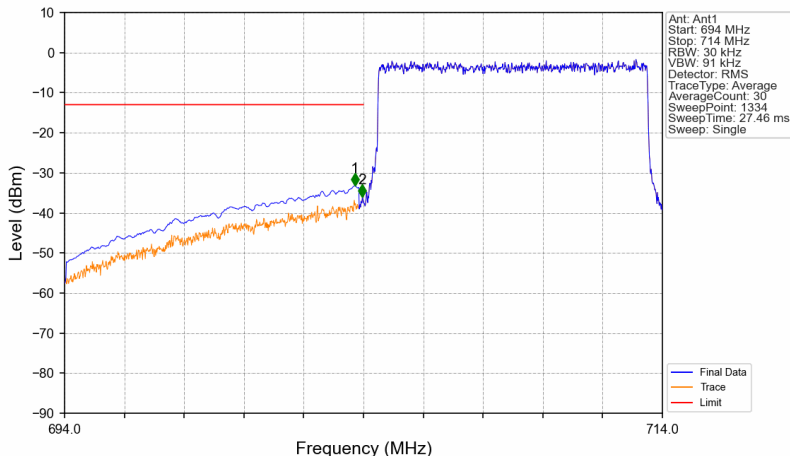
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Band17_10MHz_256QAM_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_256QAM_LCH_709MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.707	-33.25	-13	Pass
703.9	704	0.03	/	2	703.962	-36.06	-13	Pass
704	714	0.03	/	/	/	/	/	/



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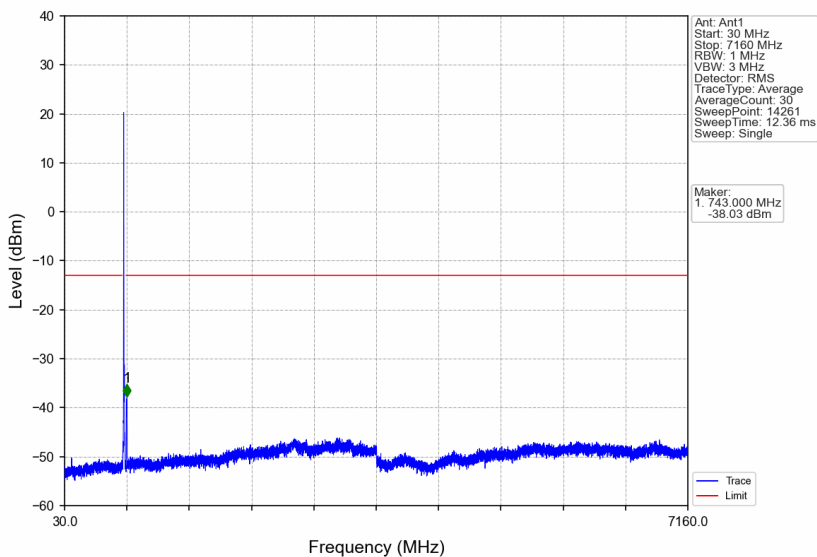
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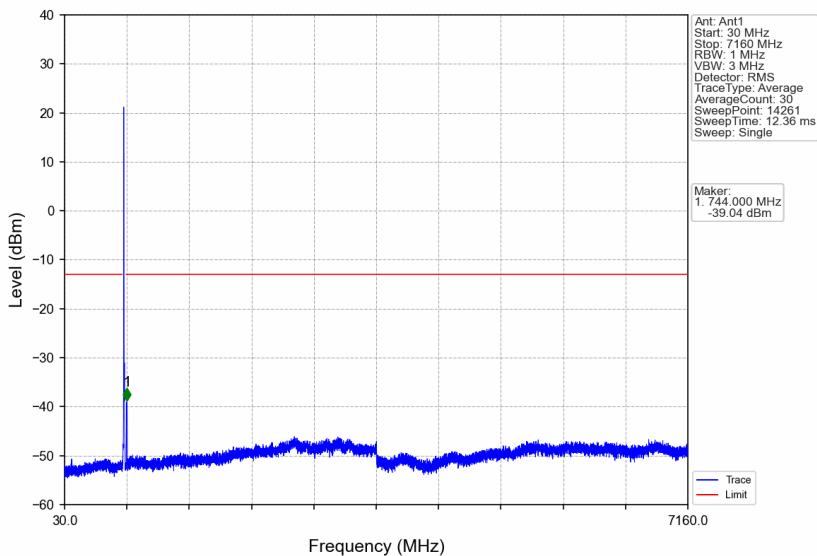
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Band17_10MHz_256QAM_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_256QAM_HCH_711MHz_RB_1_0_NTNV



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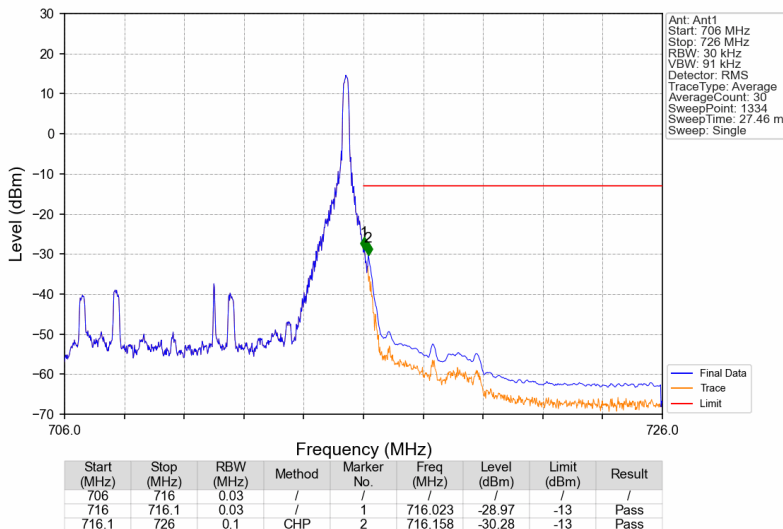
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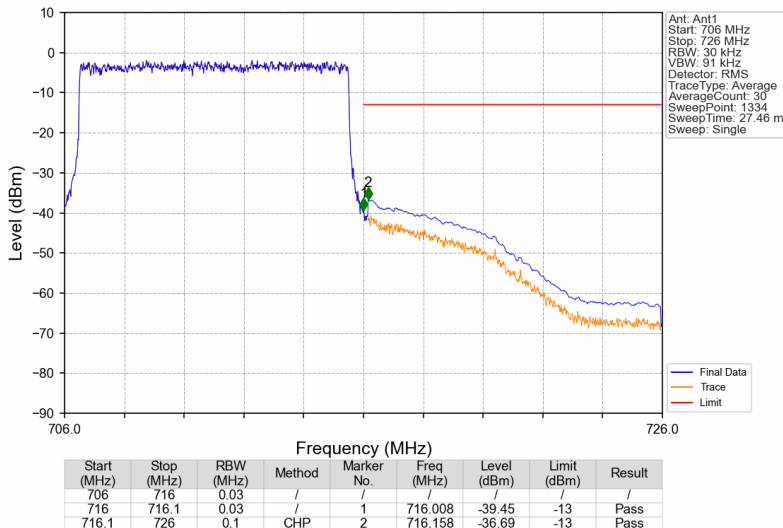
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Band17 10MHz 256QAM HCH 711MHz RB 1 49 NTN



Band17 10MHz 256QAM HCH 711MHz RB 50 0 NTN



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6. Field Strength of Spurious Radiation

Test Band = LTE Band 17_ 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	1409.18	46.51	-49.99	24.34	-74.41	-13.00	61.41	Horizontal
2	2113.77	46.60	-49.46	26.84	-71.29	-13.00	58.29	Horizontal
3	2818.36	45.63	-48.70	28.06	-70.26	-13.00	57.26	Horizontal
4	3522.95	45.41	-48.44	28.73	-69.56	-13.00	56.56	Horizontal
5	4227.54	44.12	-48.27	29.81	-69.60	-13.00	56.60	Horizontal
6	4932.13	44.07	-48.10	31.34	-67.95	-13.00	54.95	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1409.18	46.66	-49.99	24.34	-74.26	-13.00	61.26	Vertical
2	2113.77	47.56	-49.46	26.84	-70.33	-13.00	57.33	Vertical
3	2818.36	45.37	-48.70	28.06	-70.52	-13.00	57.52	Vertical
4	3522.95	45.57	-48.44	28.73	-69.40	-13.00	56.40	Vertical
5	4227.54	44.12	-48.27	29.81	-69.60	-13.00	56.60	Vertical
6	4932.13	44.17	-48.10	31.34	-67.85	-13.00	54.85	Vertical



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Test Band = LTE Band 17_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	1411.18	47.58	-49.99	24.35	-73.32	-13.00	60.32	Horizontal
2	2116.77	46.91	-49.47	26.84	-70.97	-13.00	57.97	Horizontal
3	2822.36	45.80	-48.70	28.07	-70.09	-13.00	57.09	Horizontal
4	3527.95	45.41	-48.44	28.74	-69.55	-13.00	56.55	Horizontal
5	4233.54	44.13	-48.25	29.82	-69.56	-13.00	56.56	Horizontal
6	4939.13	48.68	-48.09	31.35	-63.31	-13.00	50.31	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1411.18	47.08	-49.99	24.35	-73.82	-13.00	60.82	Vertical
2	2116.77	46.45	-49.47	26.84	-71.43	-13.00	58.43	Vertical
3	2822.36	45.60	-48.70	28.07	-70.29	-13.00	57.29	Vertical
4	3527.95	45.52	-48.44	28.74	-69.44	-13.00	56.44	Vertical
5	4233.54	44.09	-48.25	29.82	-69.60	-13.00	56.60	Vertical
6	4939.13	44.30	-48.09	31.35	-67.69	-13.00	54.69	Vertical



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Test Band = LTE Band 17_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	49.55	-49.99	24.35	-71.34	-13.00	58.34	Horizontal
2	2119.77	46.18	-49.47	26.84	-71.70	-13.00	58.70	Horizontal
3	2826.36	45.69	-48.71	28.08	-70.19	-13.00	57.19	Horizontal
4	3532.95	45.17	-48.45	28.75	-69.79	-13.00	56.79	Horizontal
5	4239.54	43.81	-48.23	29.83	-69.85	-13.00	56.85	Horizontal
6	4946.13	44.81	-48.07	31.37	-67.15	-13.00	54.15	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1413.18	46.82	-49.99	24.35	-74.07	-13.00	61.07	Vertical
2	2119.77	46.21	-49.47	26.84	-71.67	-13.00	58.67	Vertical
3	2826.36	45.57	-48.71	28.08	-70.31	-13.00	57.31	Vertical
4	3532.95	45.08	-48.45	28.75	-69.88	-13.00	56.88	Vertical
5	4239.54	43.92	-48.23	29.83	-69.74	-13.00	56.74	Vertical
6	4946.13	44.32	-48.07	31.37	-67.64	-13.00	54.64	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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