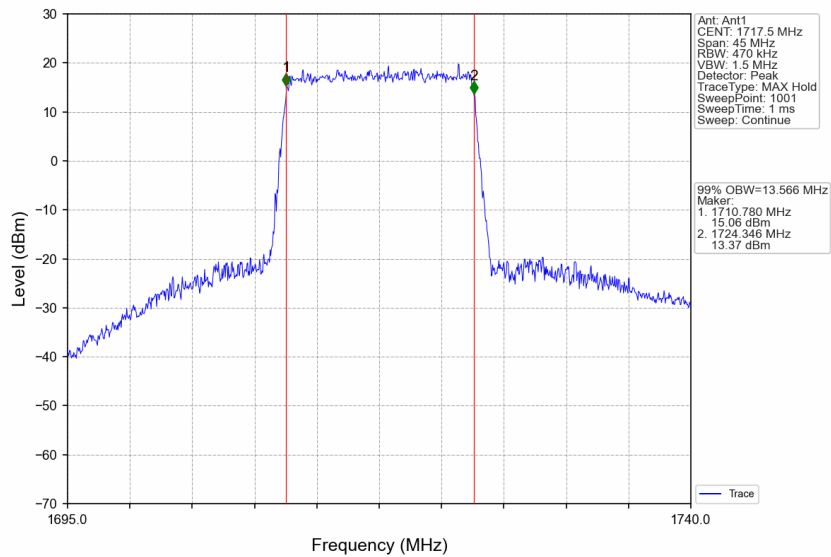
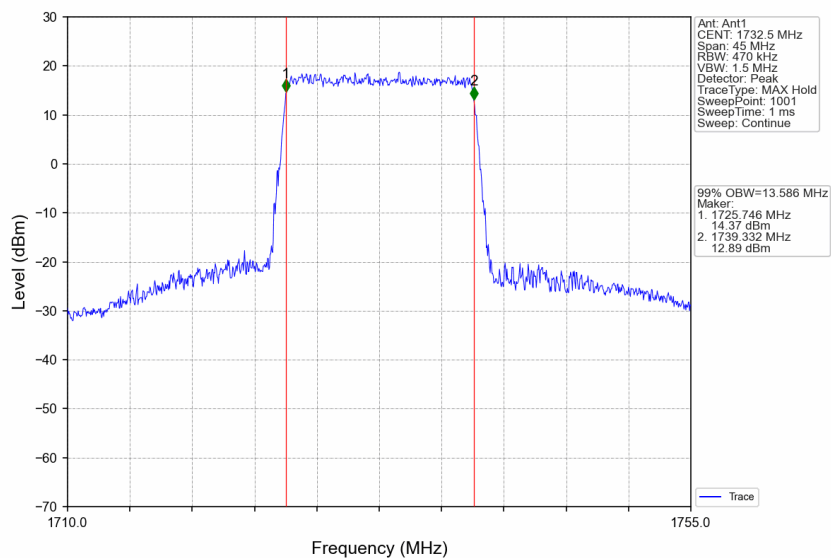


Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



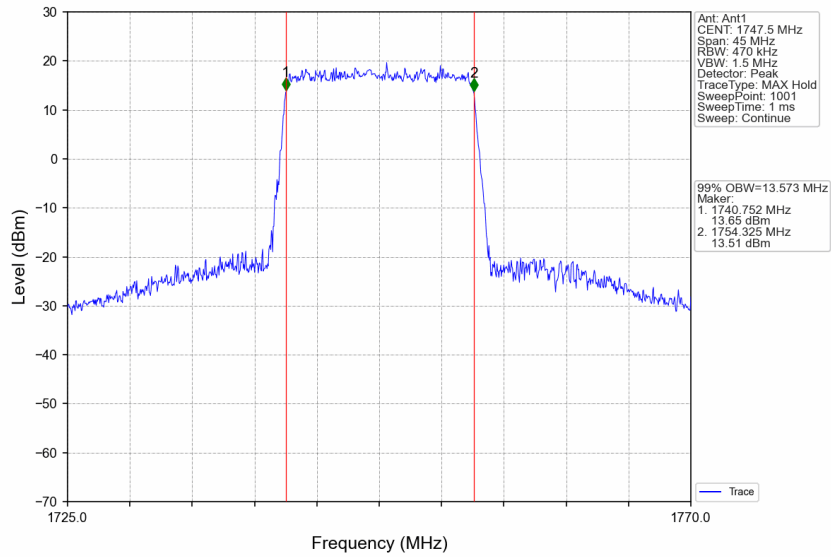
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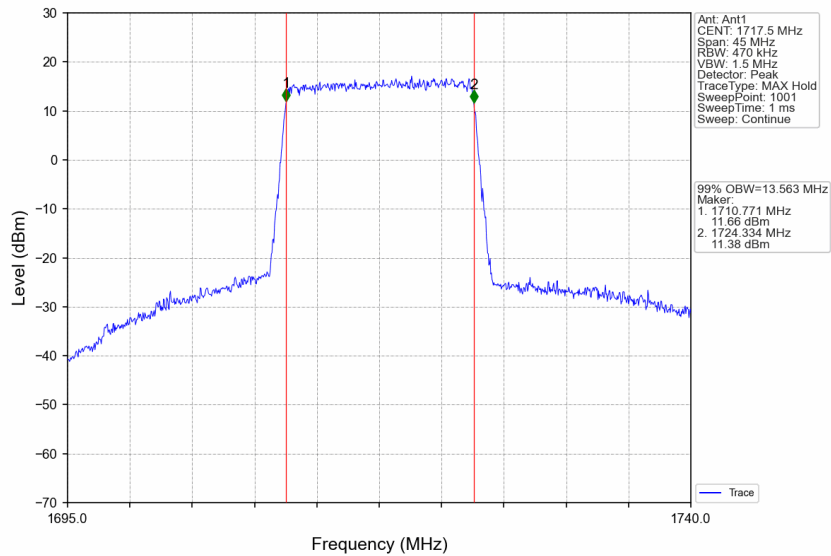
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Wireless Laboratory

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Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



Band4_15MHz_256QAM_LCH_1717.5MHz_RB_75_0_NTNV

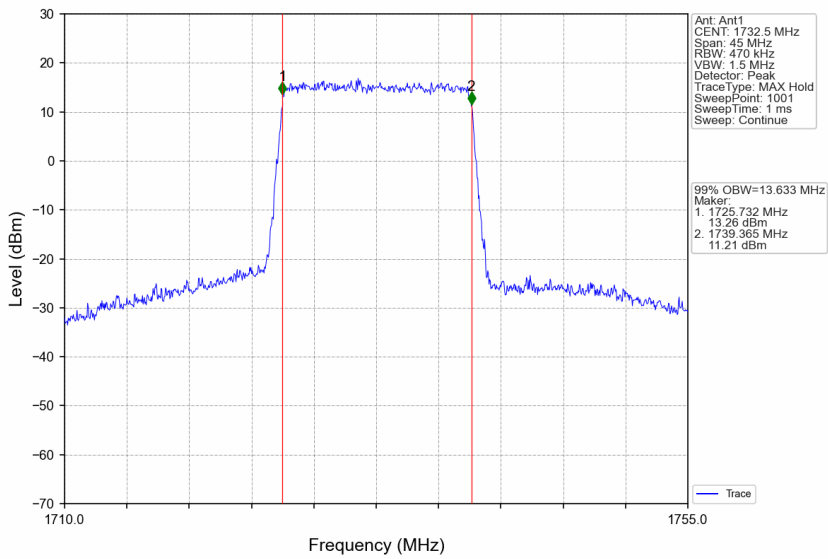


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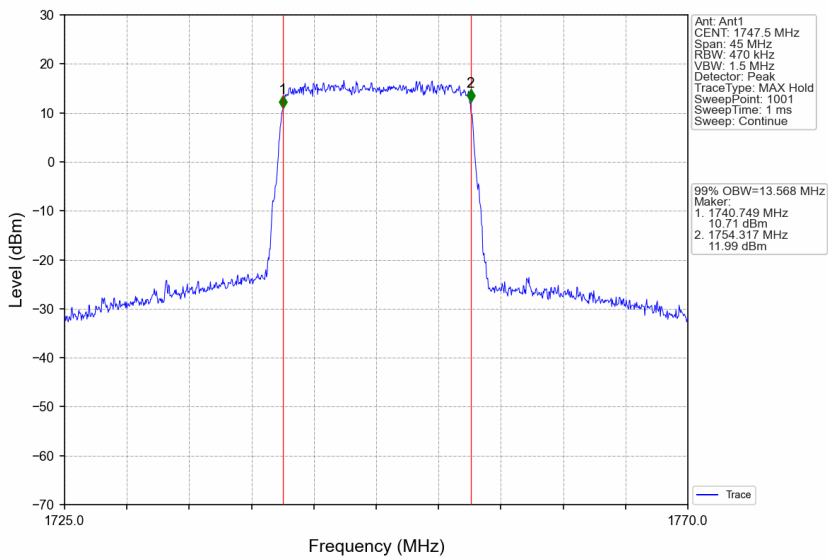
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Band4_15MHz_256QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_256QAM_HCH_1747.5MHz_RB_75_0_NTNV

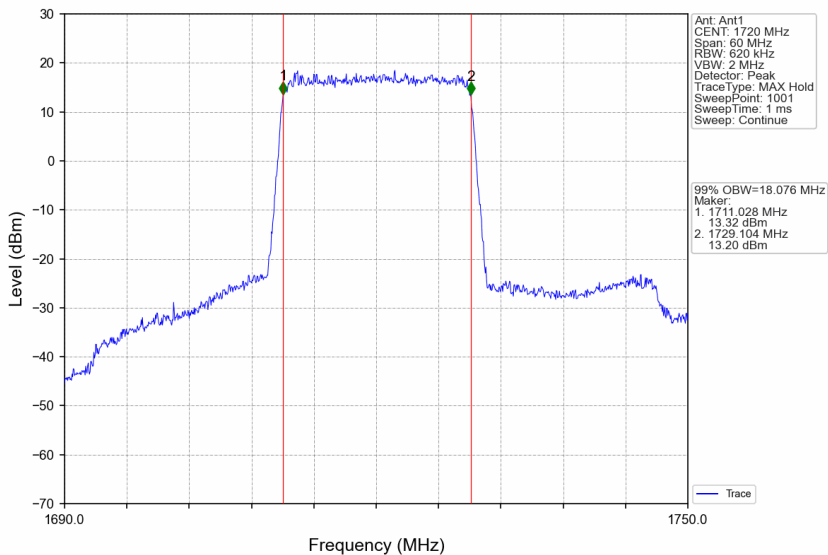


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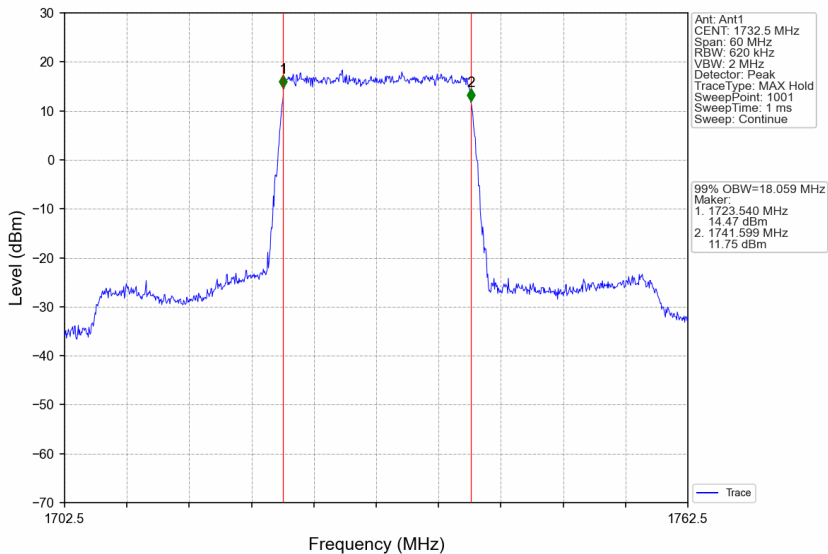
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Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



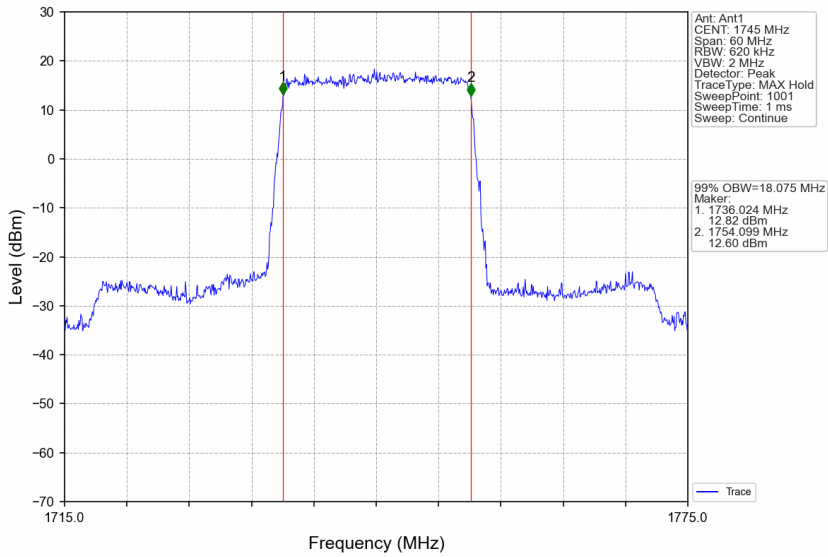
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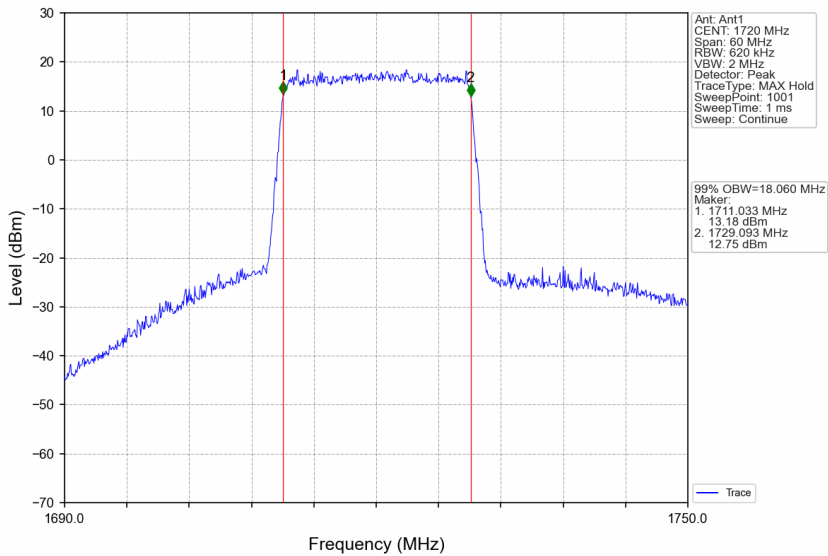
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Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

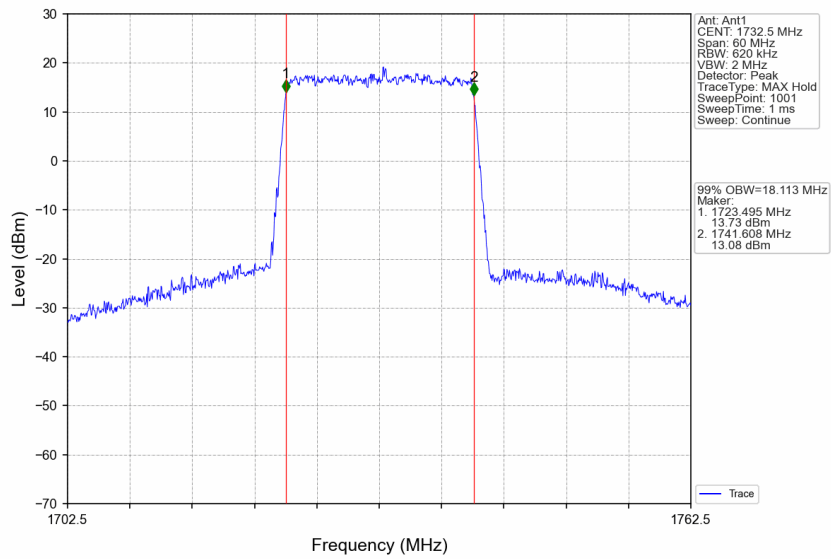


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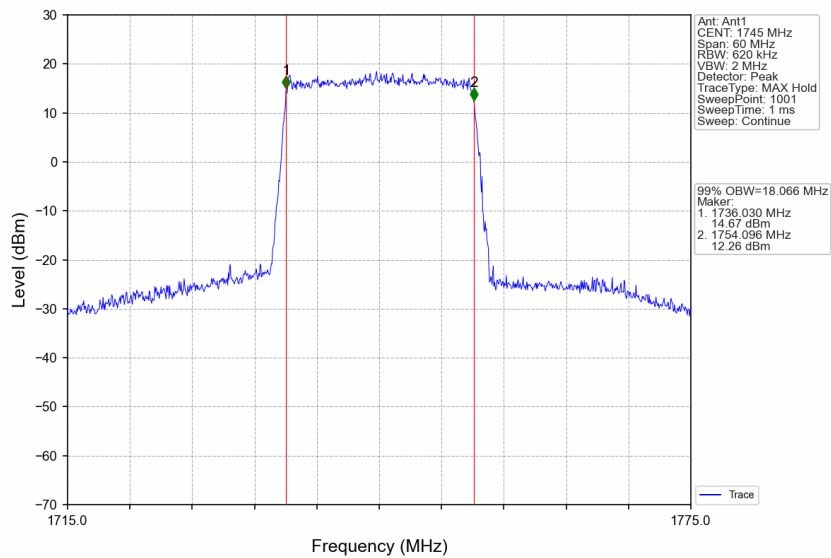
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Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

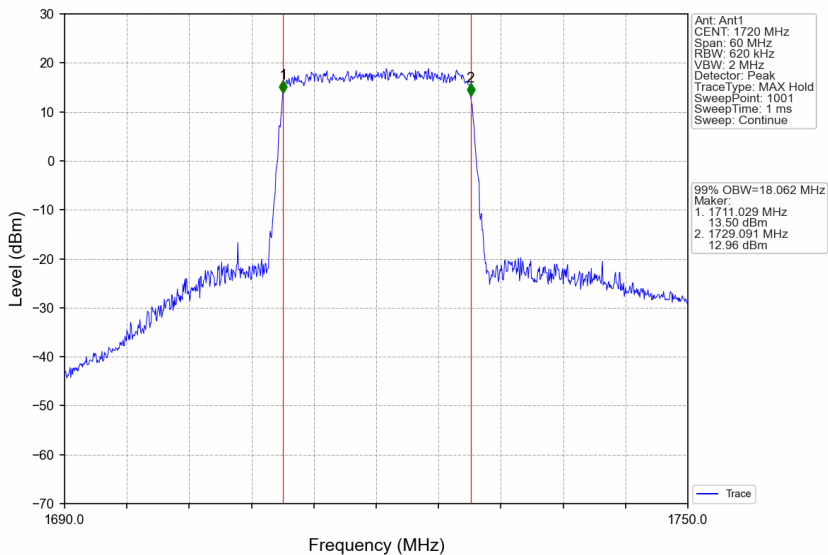


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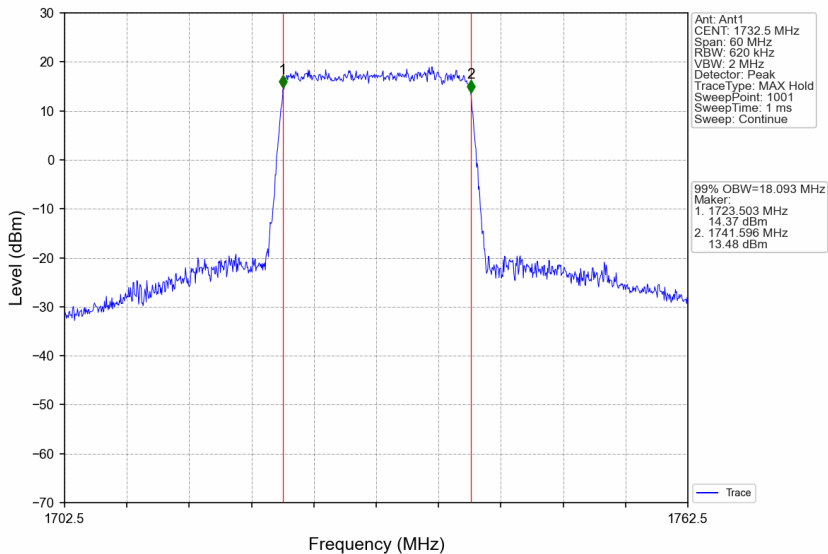
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Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



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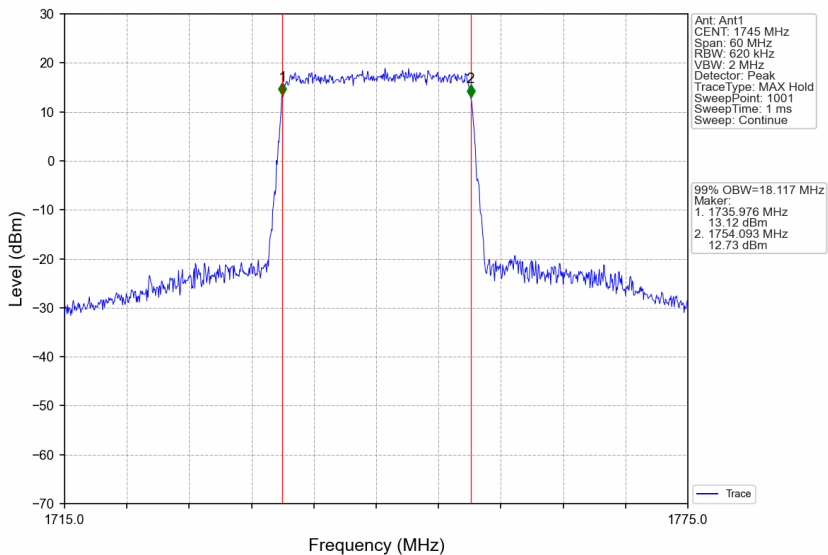


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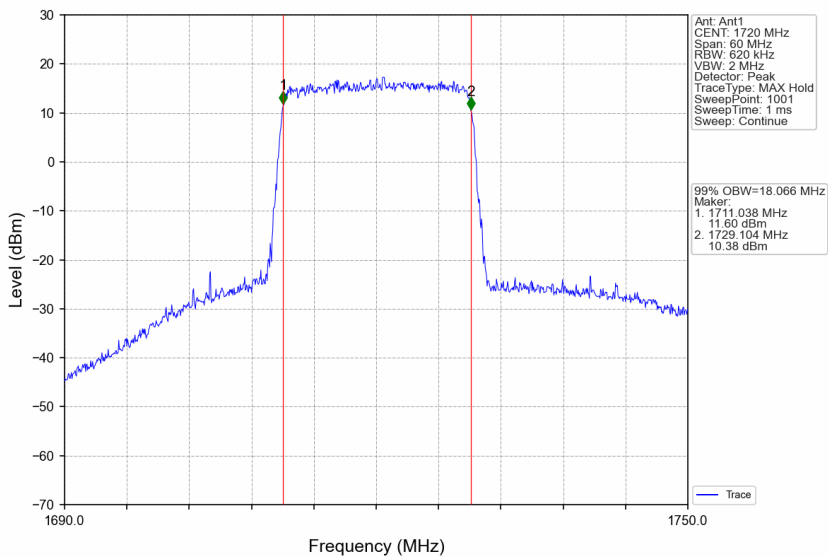
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Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



Band4_20MHz_256QAM_LCH_1720MHz_RB_100_0_NTNV

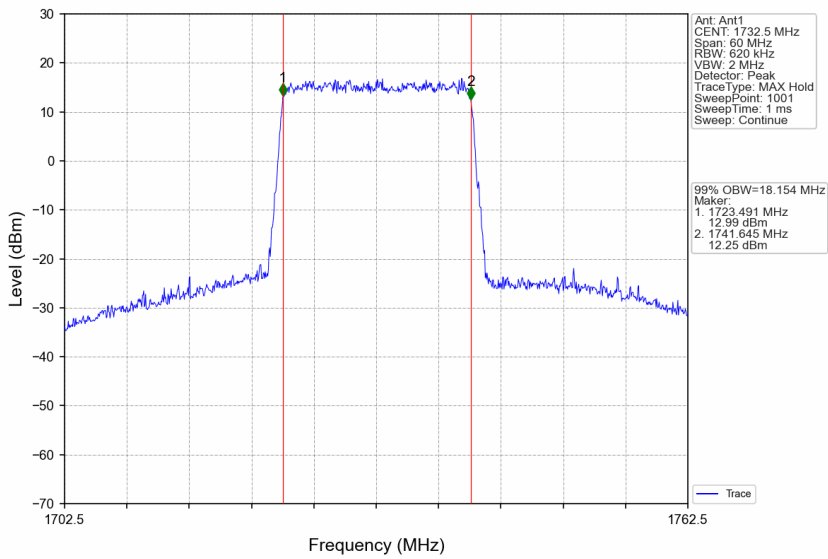


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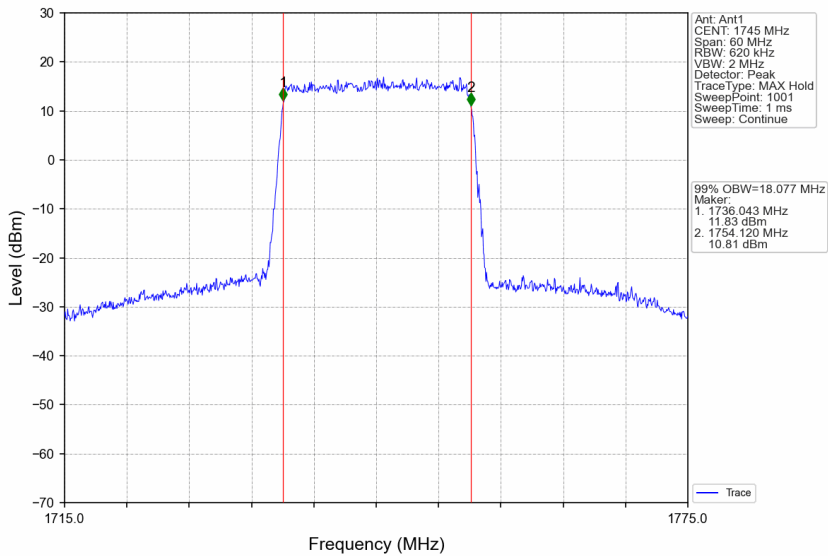
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Band4_20MHz_256QAM_HCH_1745MHz_RB_100_0_NTNV



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3.2 Band4_XDB

3.2.1 Test Result

Band: 4 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.337	/	Pass
		1732.5	6	0	1.321	/	Pass
		1754.3	6	0	1.323	/	Pass
	16QAM	1710.7	6	0	1.303	/	Pass
		1732.5	6	0	1.332	/	Pass
		1754.3	6	0	1.307	/	Pass
	64QAM	1710.7	6	0	1.337	/	Pass
		1732.5	6	0	1.358	/	Pass
		1754.3	6	0	1.353	/	Pass
	256QAM	1710.7	6	0	1.304	/	Pass
		1732.5	6	0	1.333	/	Pass
		1754.3	6	0	1.337	/	Pass
3	QPSK	1711.5	15	0	3.024	/	Pass
		1732.5	15	0	3.021	/	Pass
		1753.5	15	0	3.033	/	Pass
	16QAM	1711.5	15	0	3.015	/	Pass
		1732.5	15	0	3.031	/	Pass
		1753.5	15	0	3.007	/	Pass
	64QAM	1711.5	15	0	3.007	/	Pass
		1732.5	15	0	2.998	/	Pass
		1753.5	15	0	3.002	/	Pass
	256QAM	1711.5	15	0	3.019	/	Pass
		1732.5	15	0	3.023	/	Pass
		1753.5	15	0	3.035	/	Pass
5	QPSK	1712.5	25	0	5.062	/	Pass
		1732.5	25	0	5.063	/	Pass
		1752.5	25	0	5.078	/	Pass
	16QAM	1712.5	25	0	5.025	/	Pass
		1732.5	25	0	5.083	/	Pass
		1752.5	25	0	5.070	/	Pass
	64QAM	1712.5	25	0	5.070	/	Pass
		1732.5	25	0	5.040	/	Pass
		1752.5	25	0	5.048	/	Pass
	256QAM	1712.5	25	0	5.049	/	Pass
		1732.5	25	0	5.078	/	Pass
		1752.5	25	0	5.055	/	Pass
10	QPSK	1715	50	0	10.120	/	Pass
		1732.5	50	0	9.961	/	Pass
		1750	50	0	10.037	/	Pass



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	16QAM	1715	50	0	9.981	/	Pass
		1732.5	50	0	9.985	/	Pass
		1750	50	0	10.000	/	Pass
	64QAM	1715	50	0	10.008	/	Pass
		1732.5	50	0	9.925	/	Pass
		1750	50	0	9.922	/	Pass
	256QAM	1715	50	0	9.987	/	Pass
		1732.5	50	0	9.976	/	Pass
		1750	50	0	10.410	/	Pass
15	QPSK	1717.5	75	0	14.939	/	Pass
		1732.5	75	0	14.898	/	Pass
		1747.5	75	0	14.856	/	Pass
	16QAM	1717.5	75	0	14.839	/	Pass
		1732.5	75	0	15.016	/	Pass
		1747.5	75	0	14.909	/	Pass
	64QAM	1717.5	75	0	14.903	/	Pass
		1732.5	75	0	14.918	/	Pass
		1747.5	75	0	14.904	/	Pass
	256QAM	1717.5	75	0	14.939	/	Pass
		1732.5	75	0	14.862	/	Pass
		1747.5	75	0	15.050	/	Pass
20	QPSK	1720	100	0	19.695	/	Pass
		1732.5	100	0	19.902	/	Pass
		1745	100	0	19.926	/	Pass
	16QAM	1720	100	0	19.812	/	Pass
		1732.5	100	0	19.798	/	Pass
		1745	100	0	19.722	/	Pass
	64QAM	1720	100	0	19.697	/	Pass
		1732.5	100	0	19.751	/	Pass
		1745	100	0	19.775	/	Pass
	256QAM	1720	100	0	19.735	/	Pass
		1732.5	100	0	19.786	/	Pass
		1745	100	0	19.813	/	Pass



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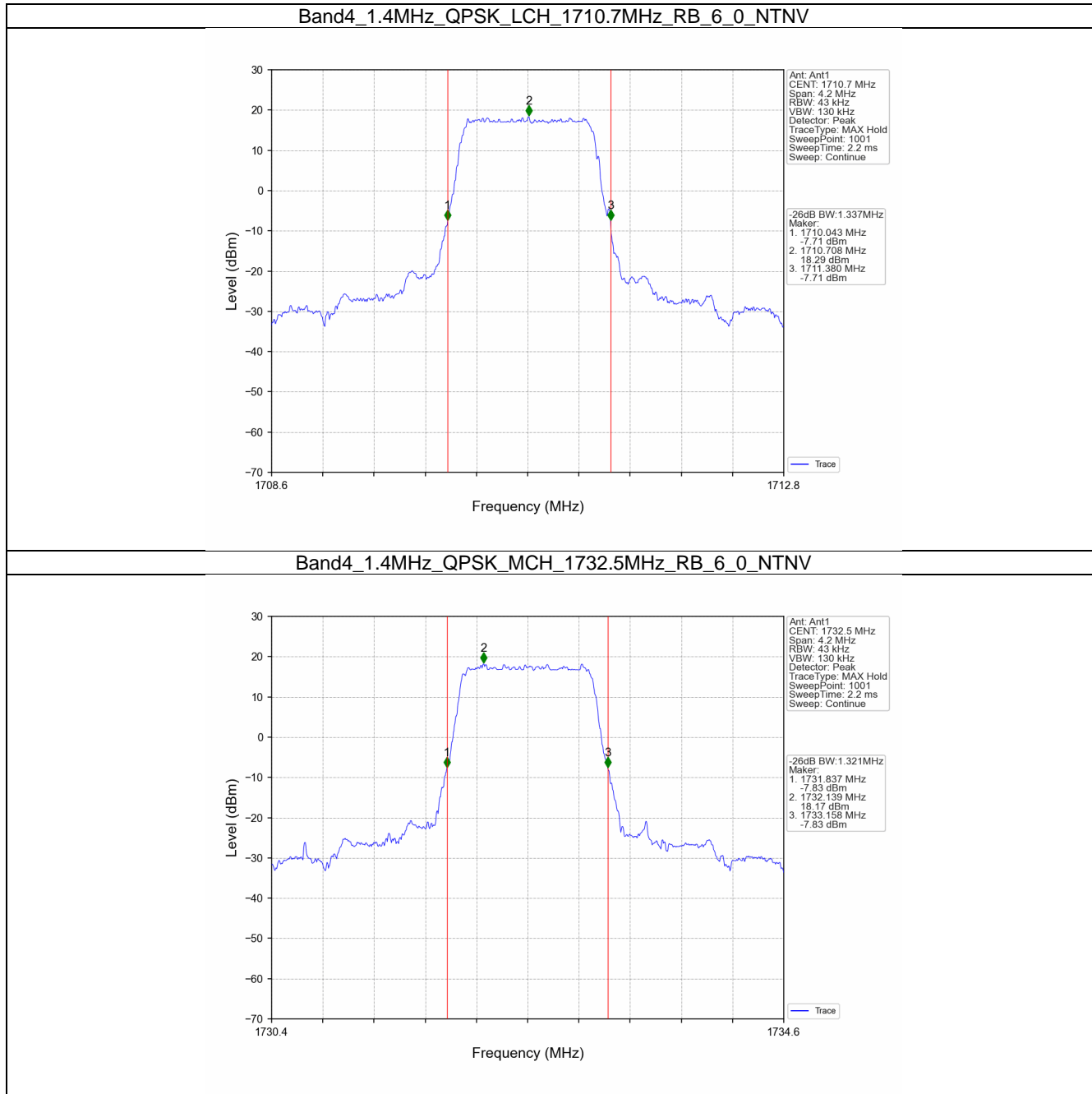
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3.2.2 Test Graph

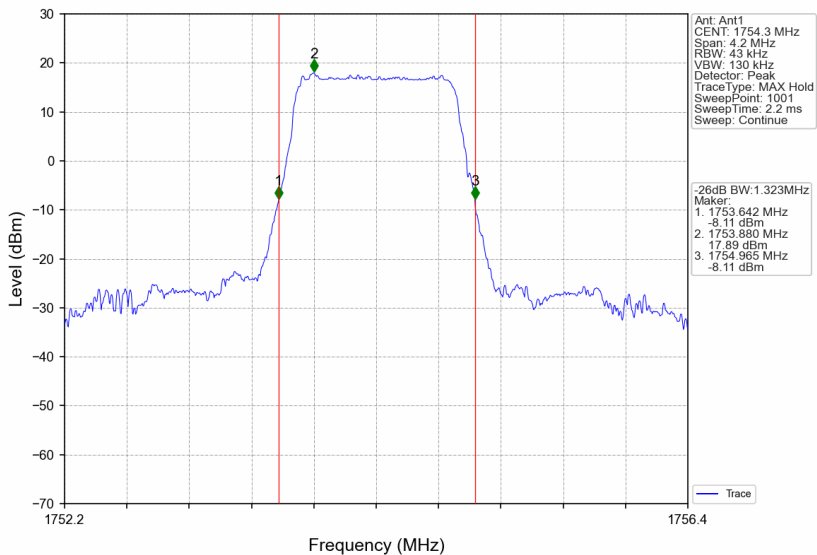


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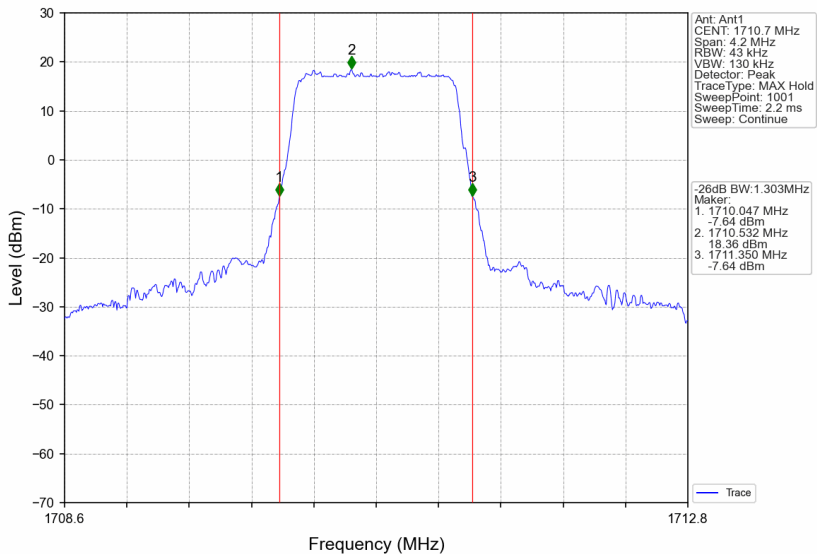
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Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

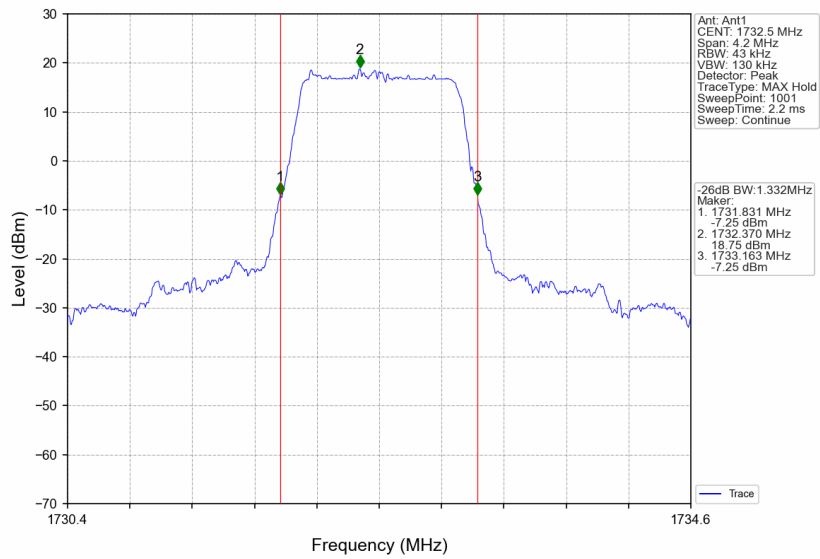


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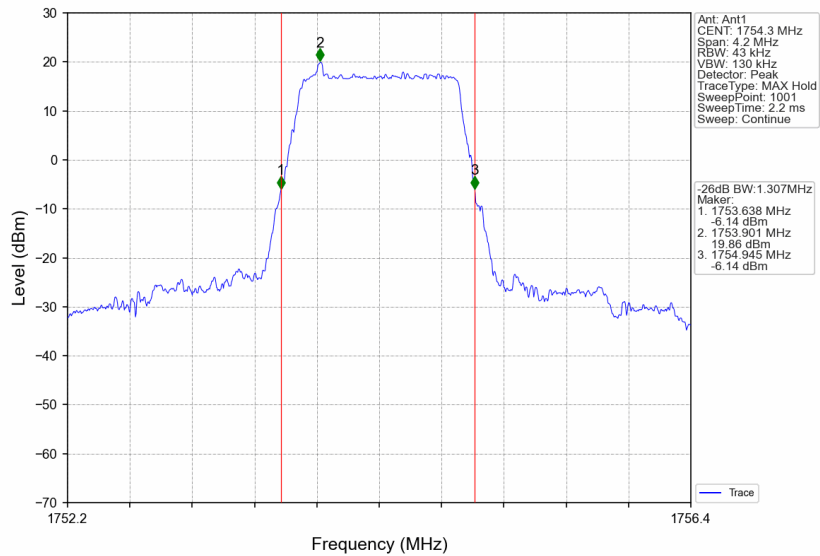
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Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

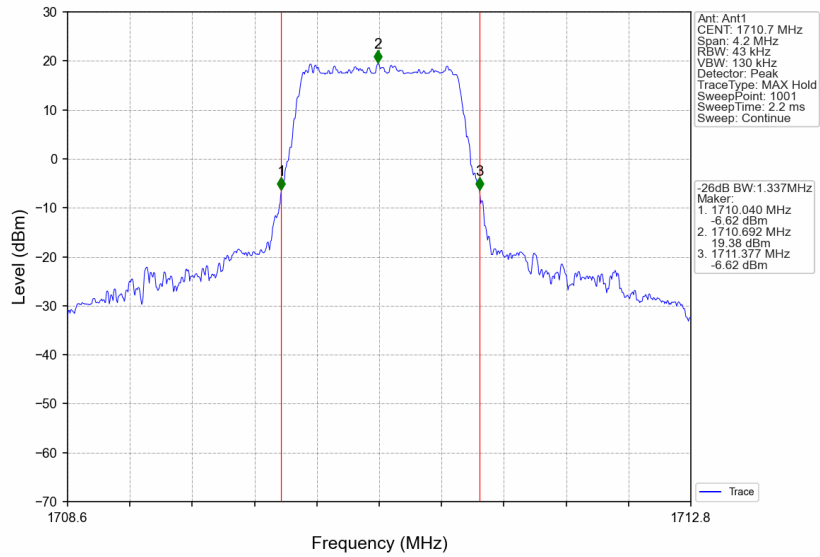


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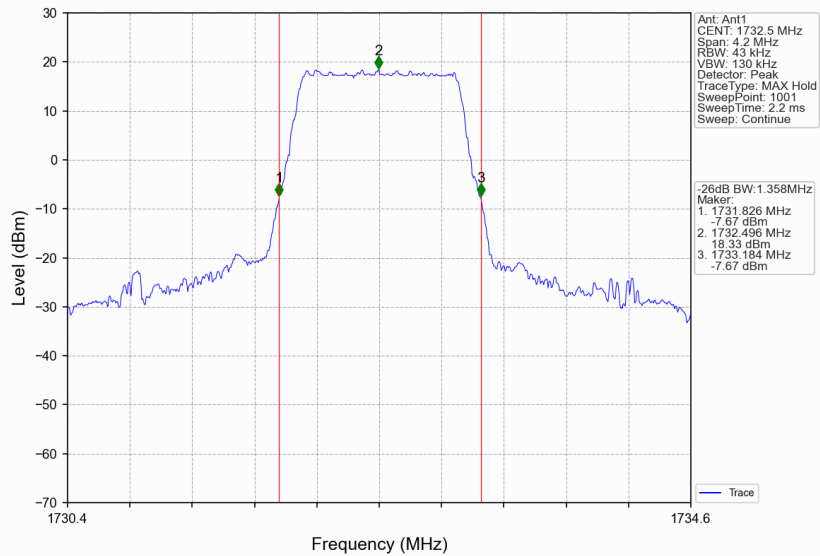
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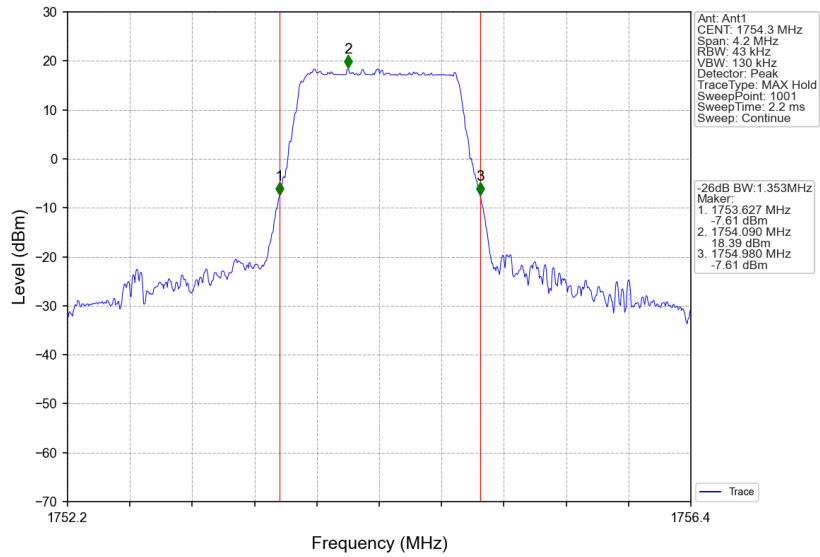


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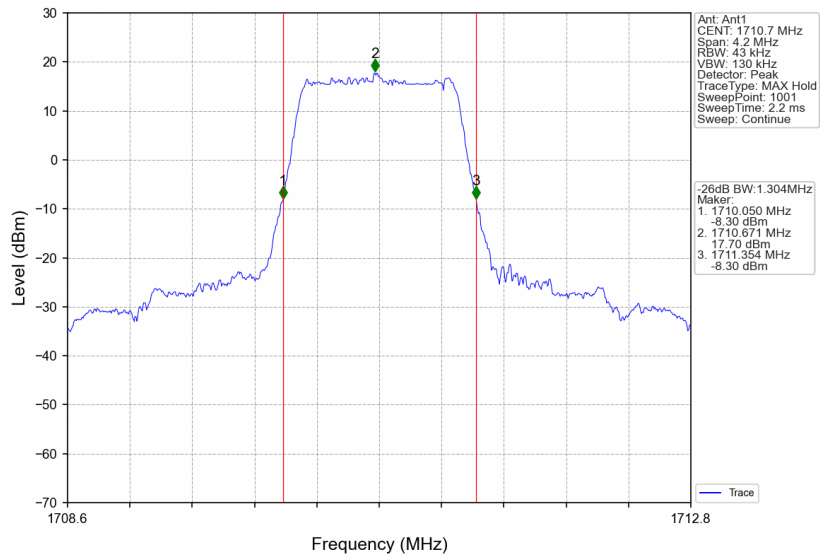
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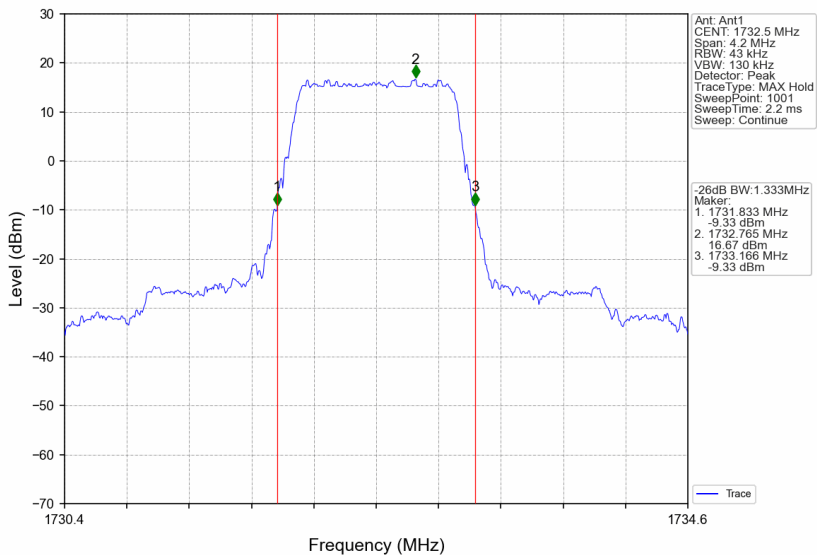


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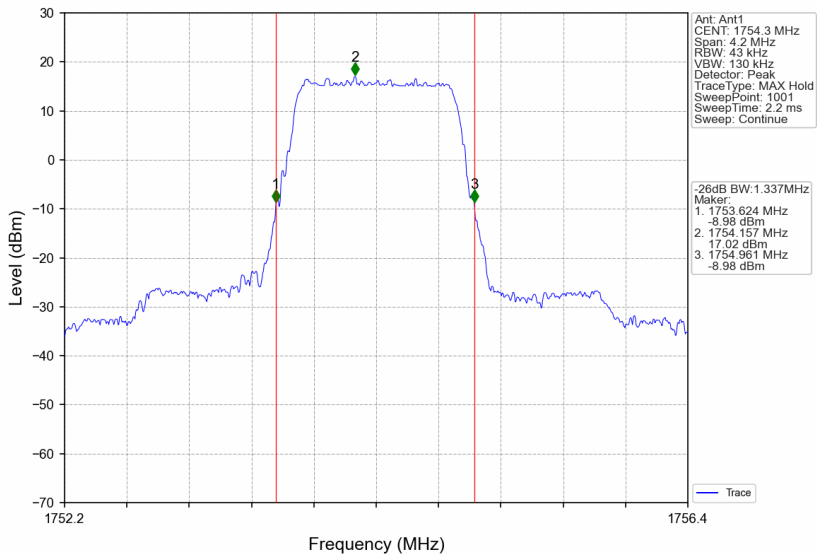
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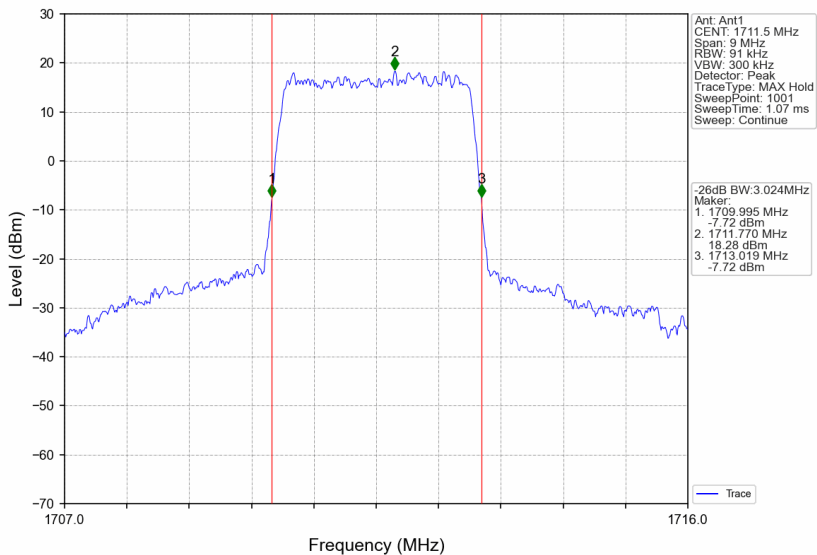
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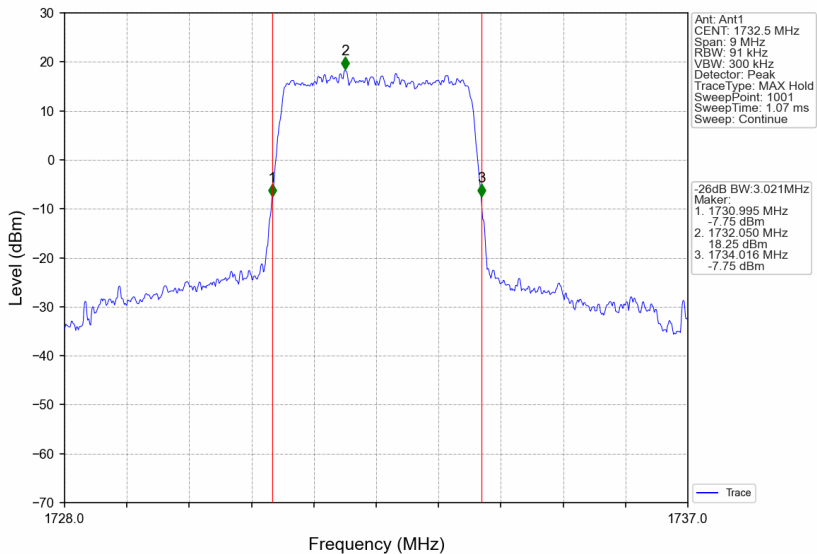
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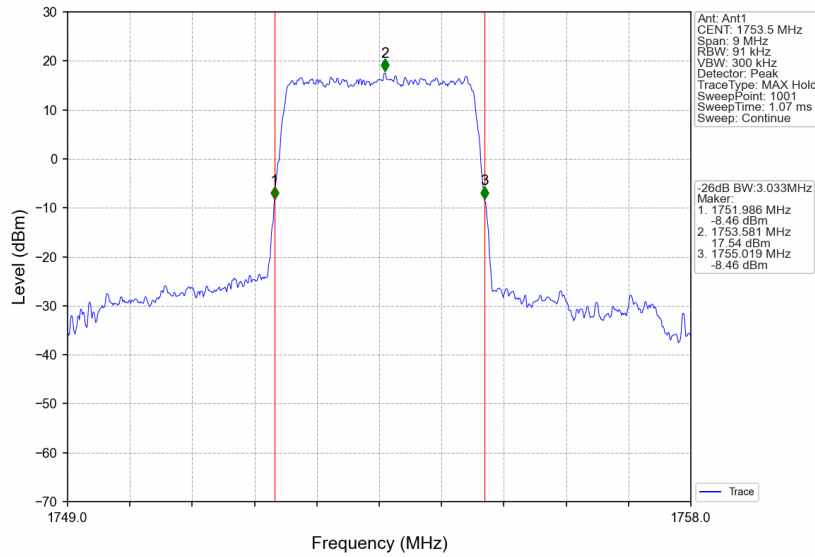


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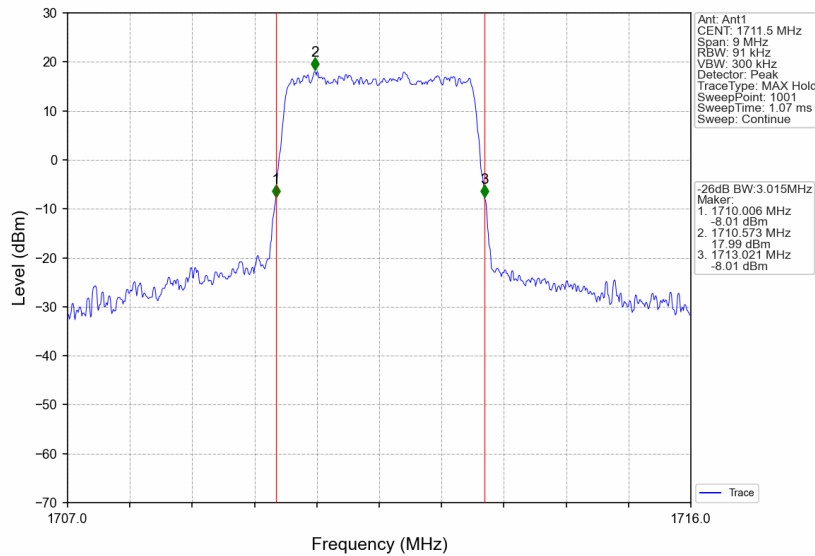
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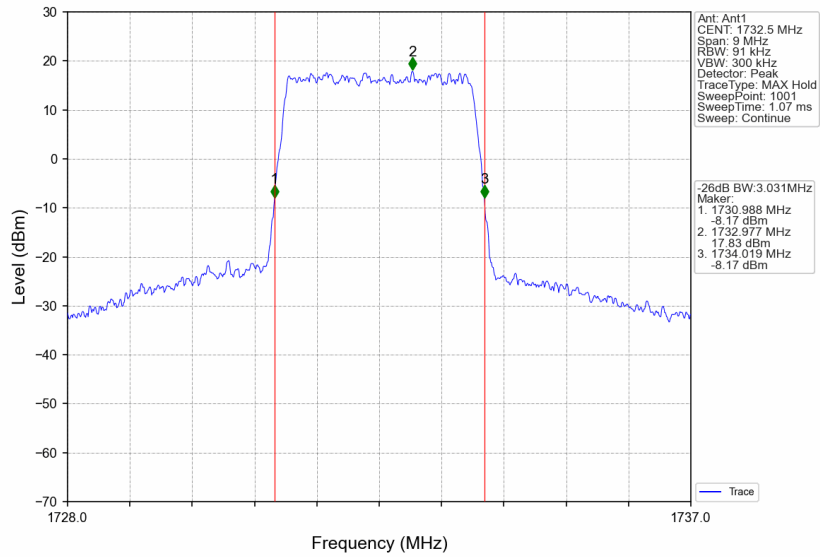


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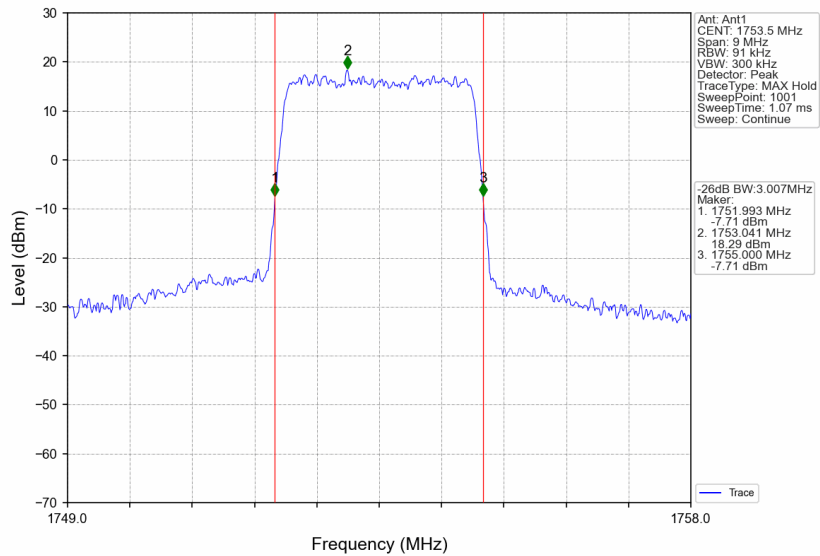
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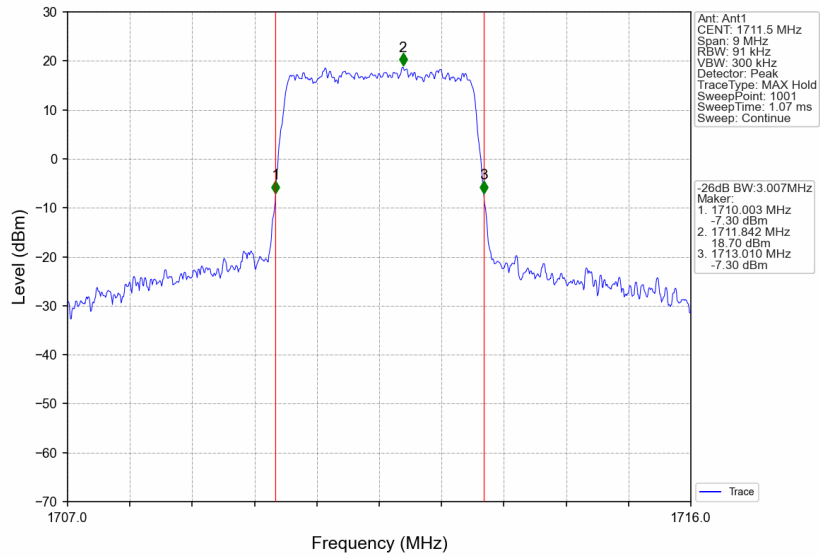


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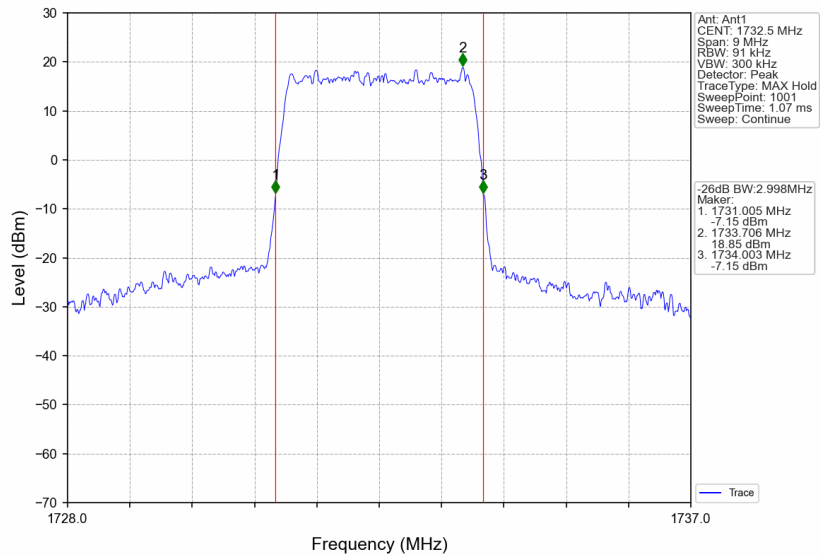
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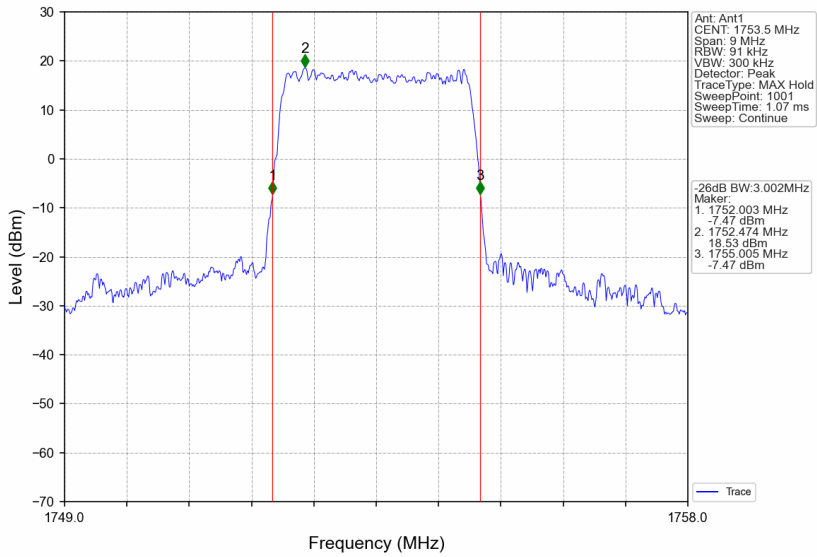
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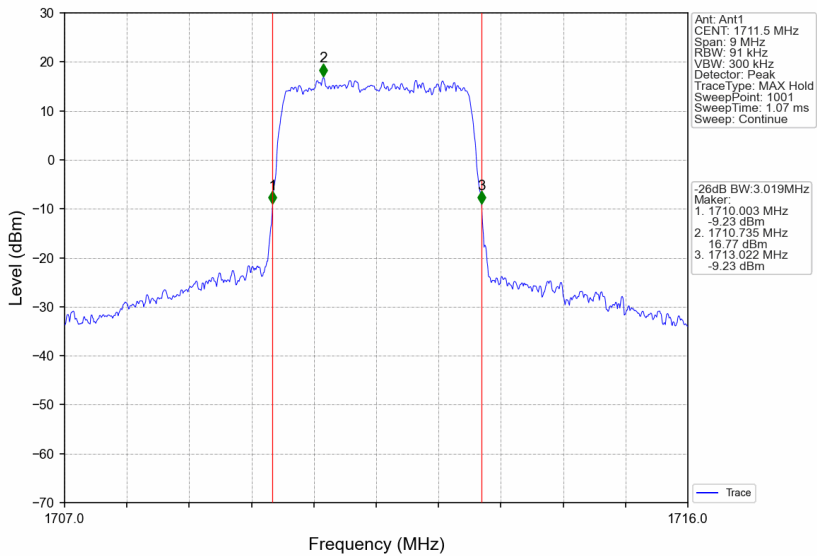
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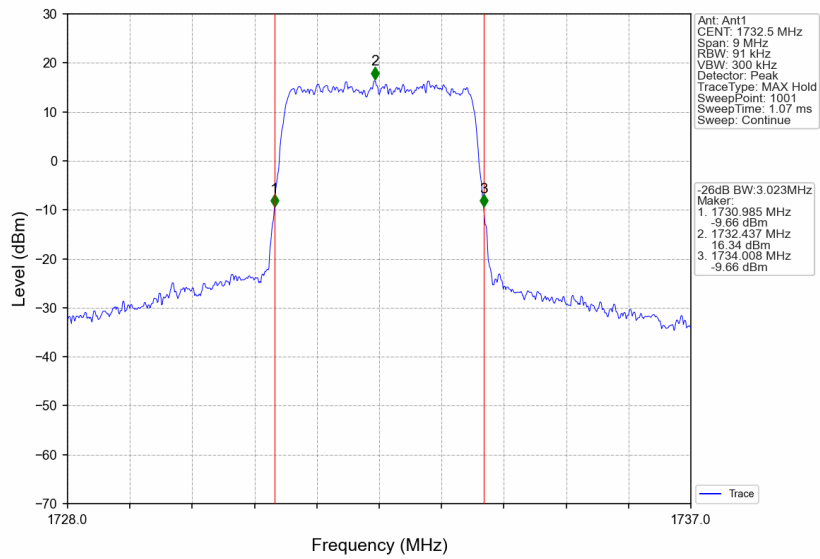


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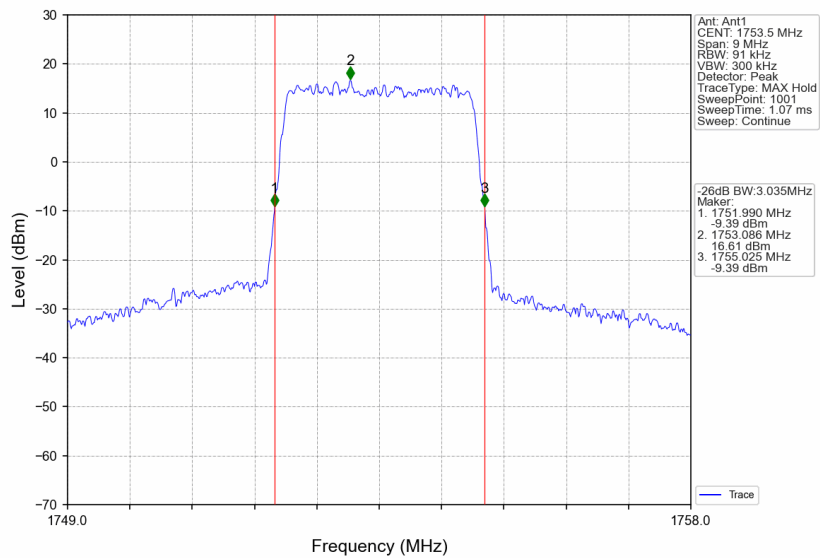
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Band4_3MHz_256QAM_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_256QAM_HCH_1753.5MHz_RB_15_0_NTNV

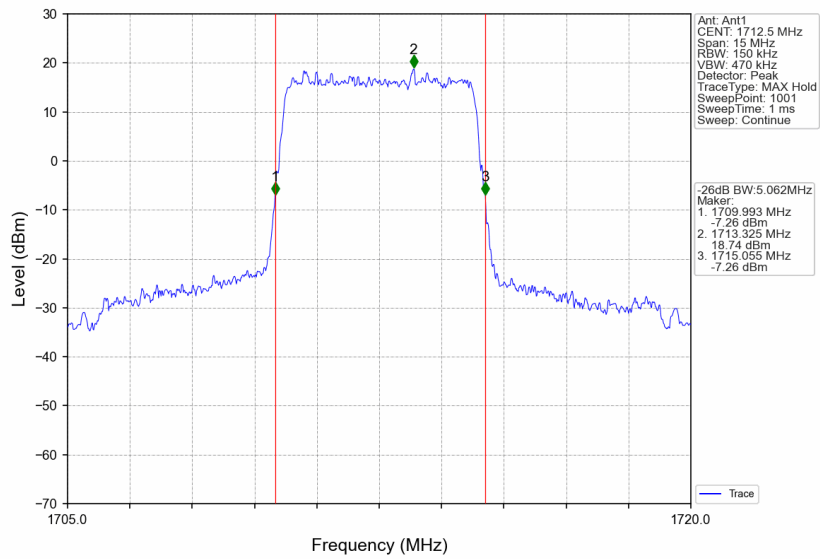


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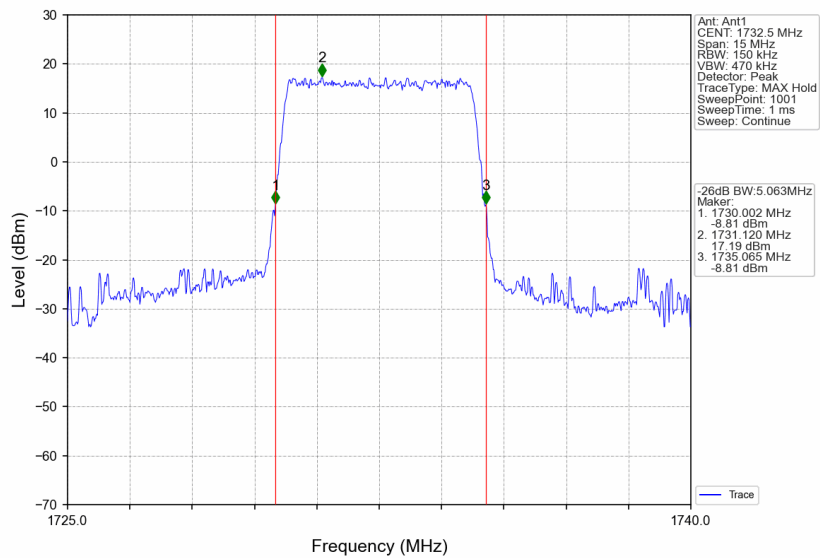
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Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV

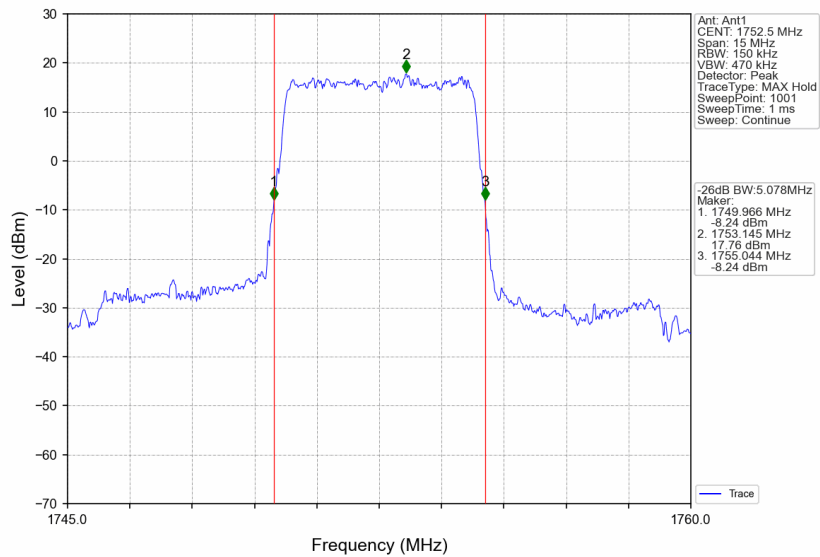


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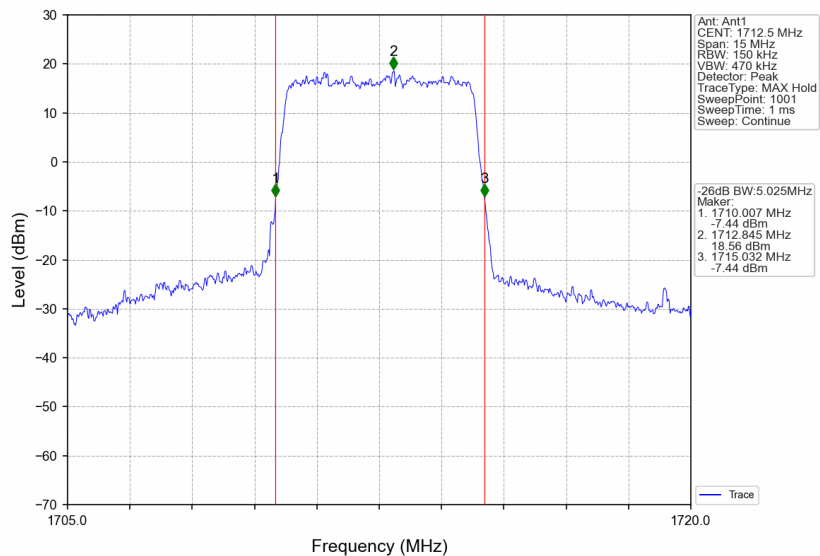
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Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

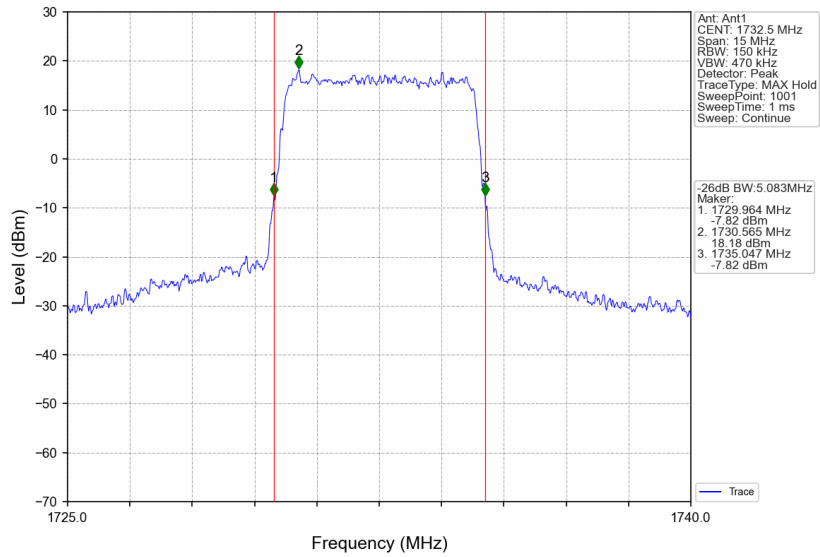


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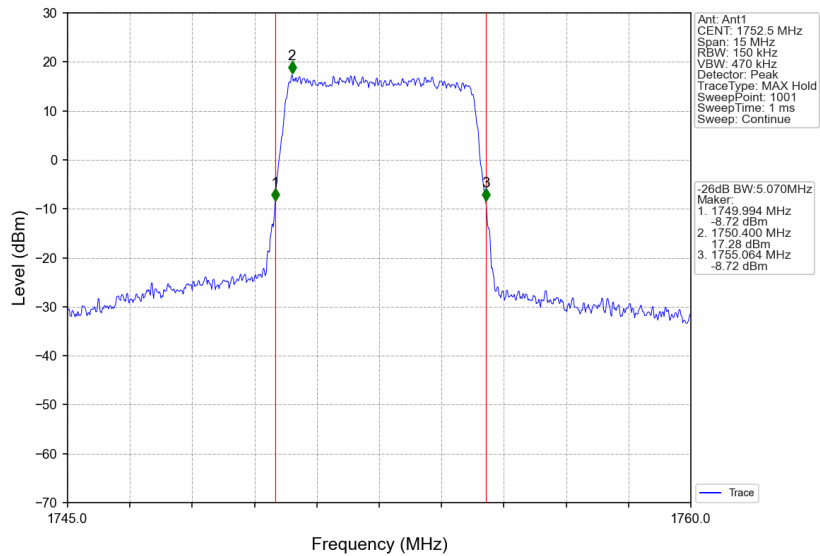
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Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

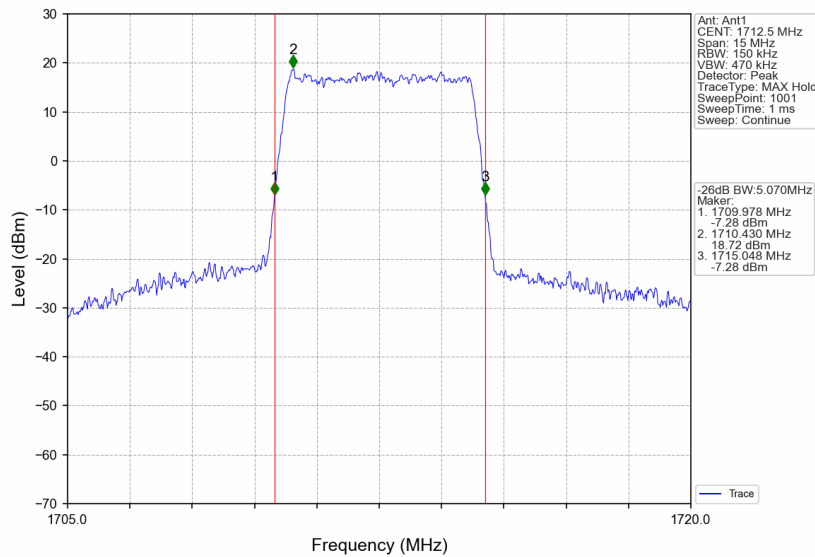


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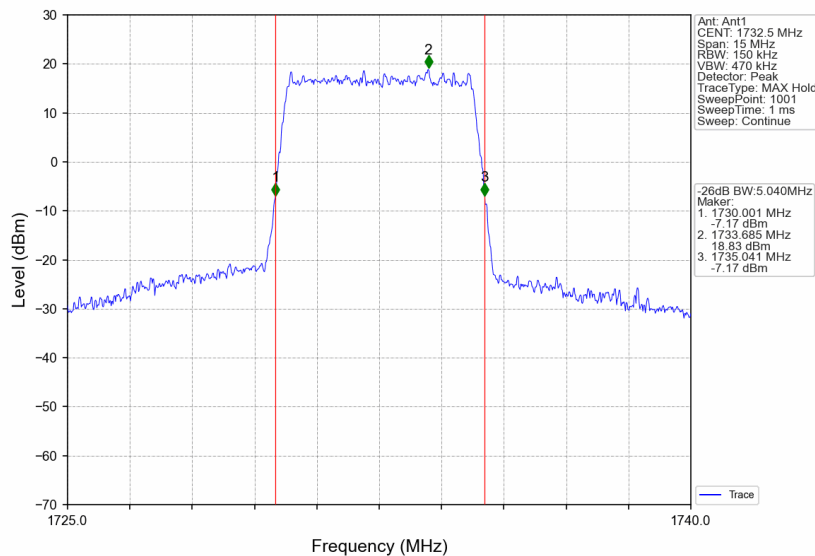
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Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV

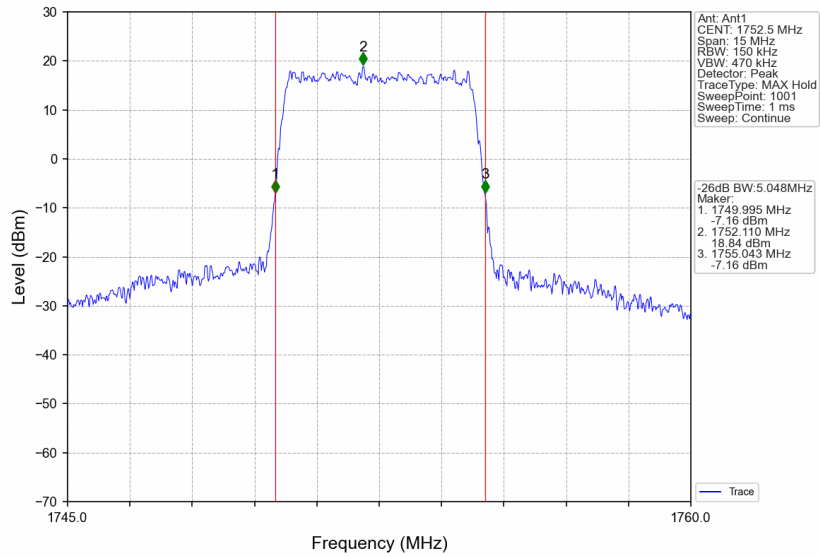


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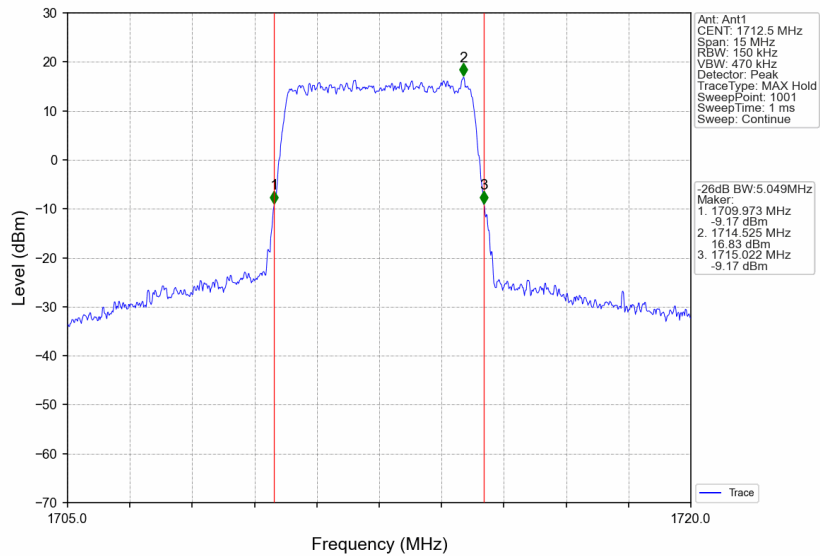
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Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



Band4_5MHz_256QAM_LCH_1712.5MHz_RB_25_0_NTNV



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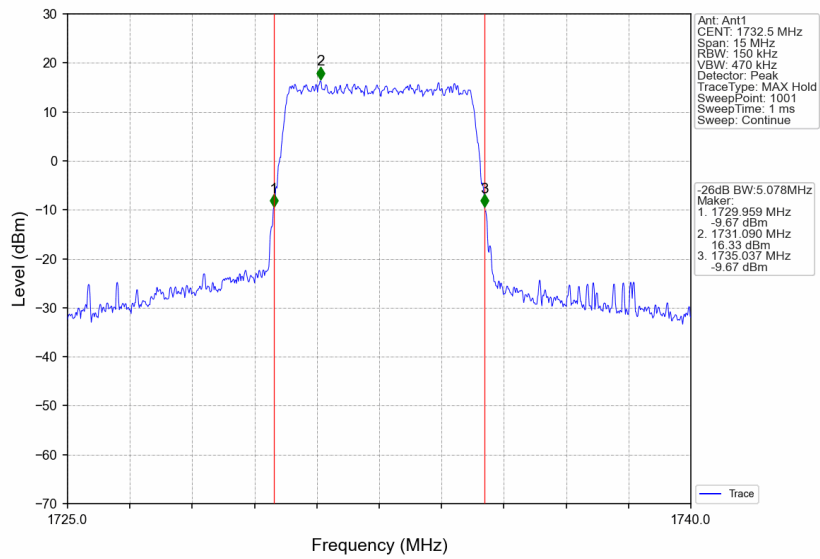
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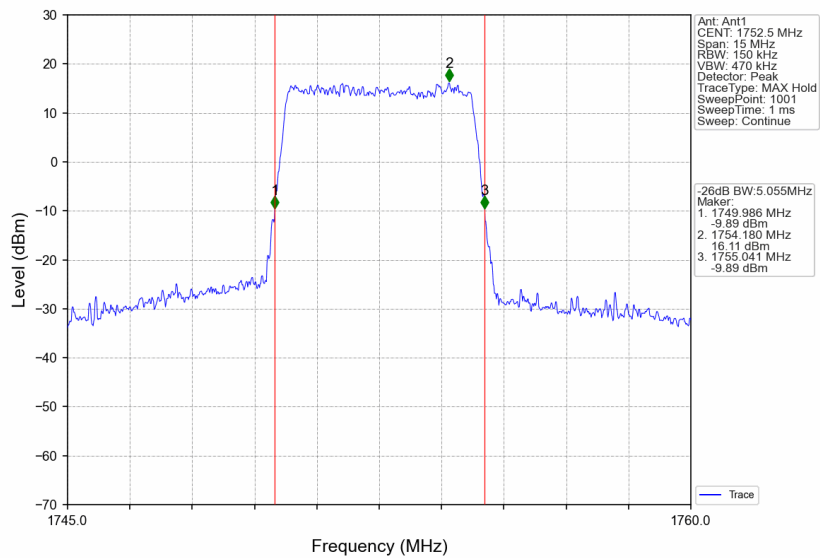
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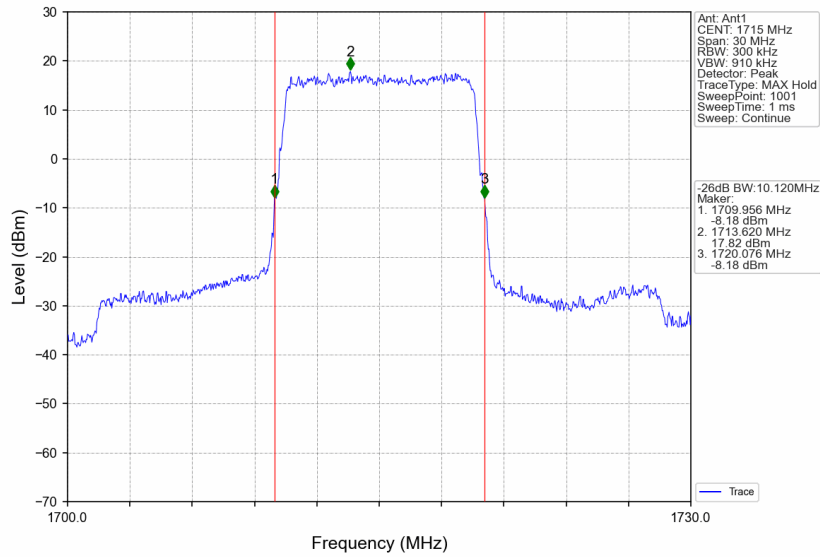


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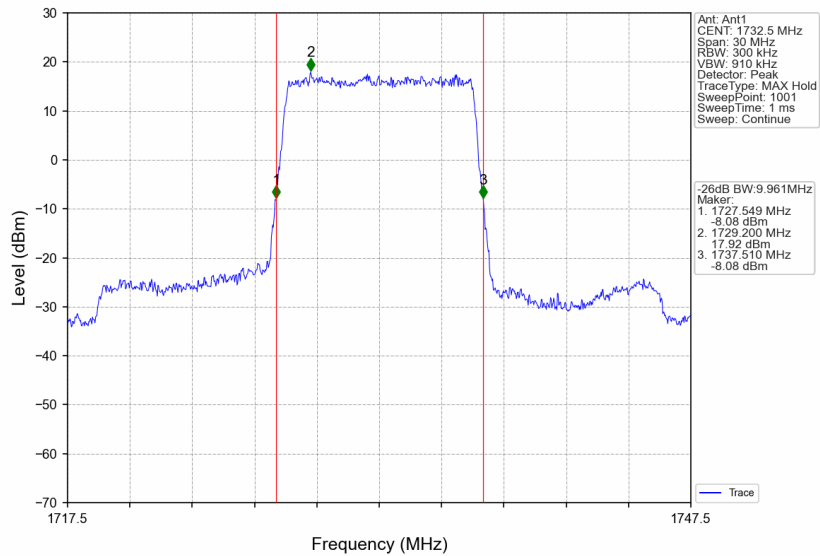
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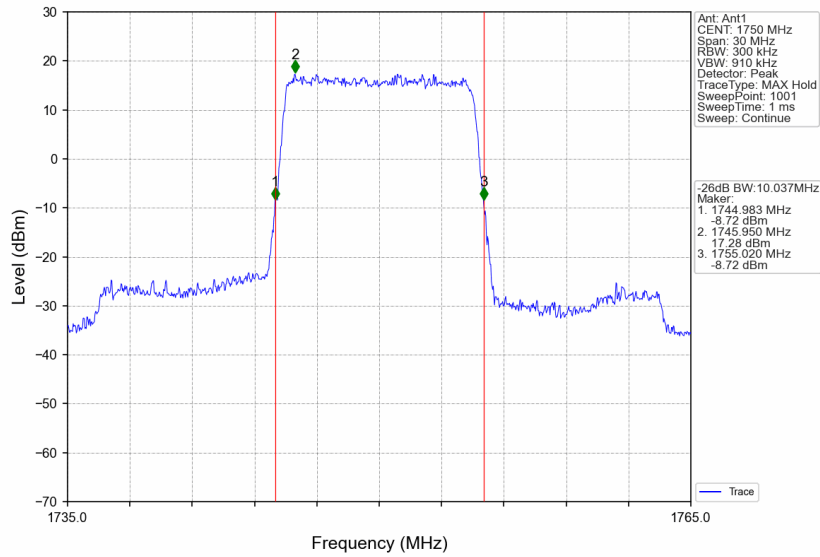
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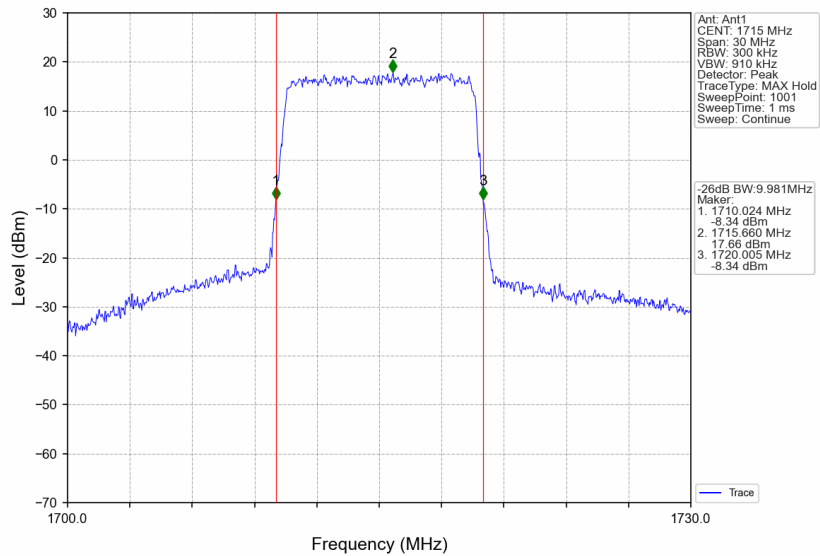
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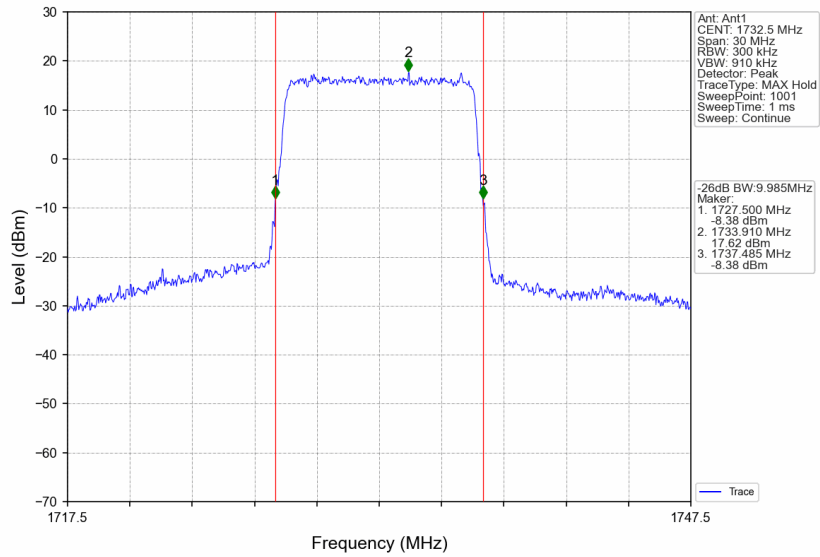


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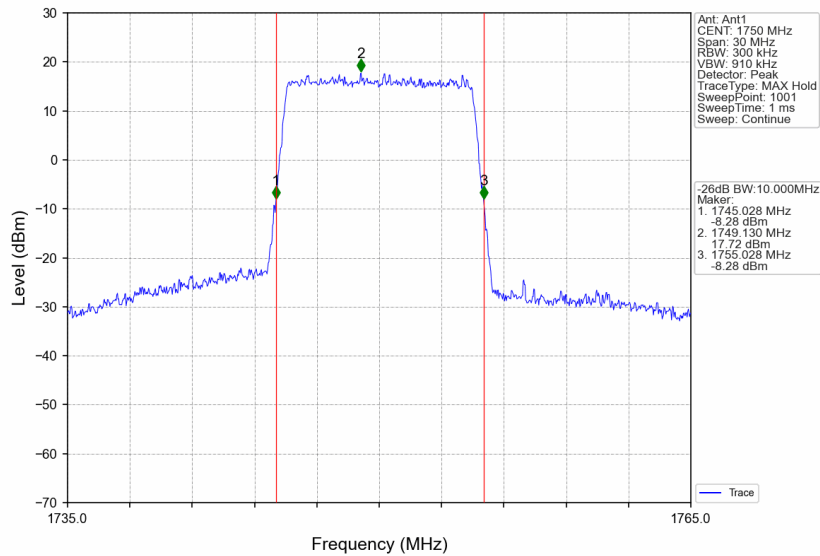
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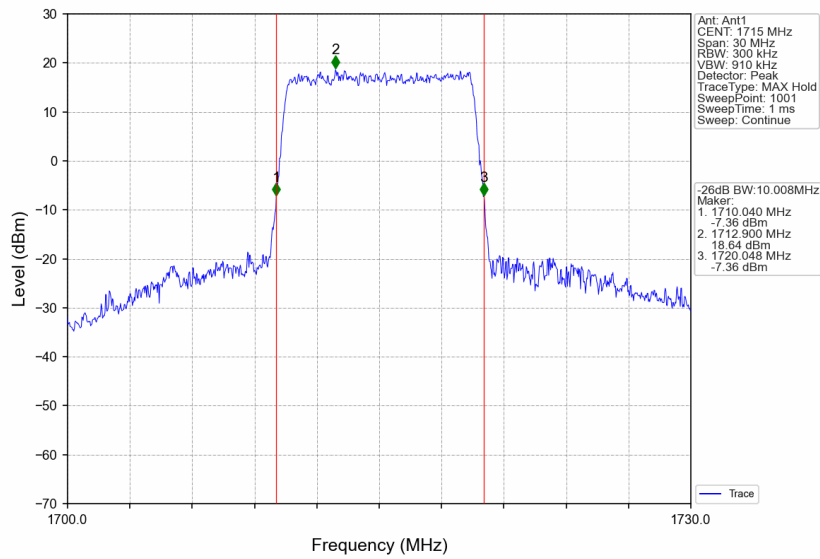


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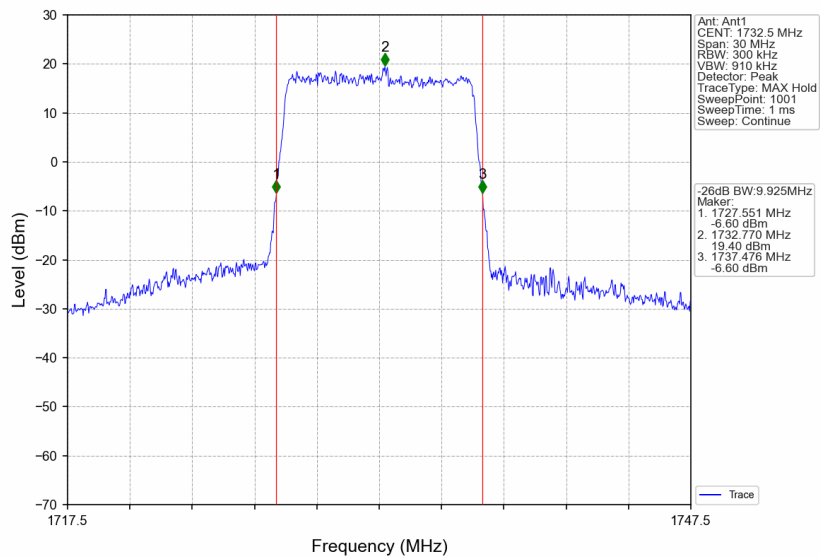
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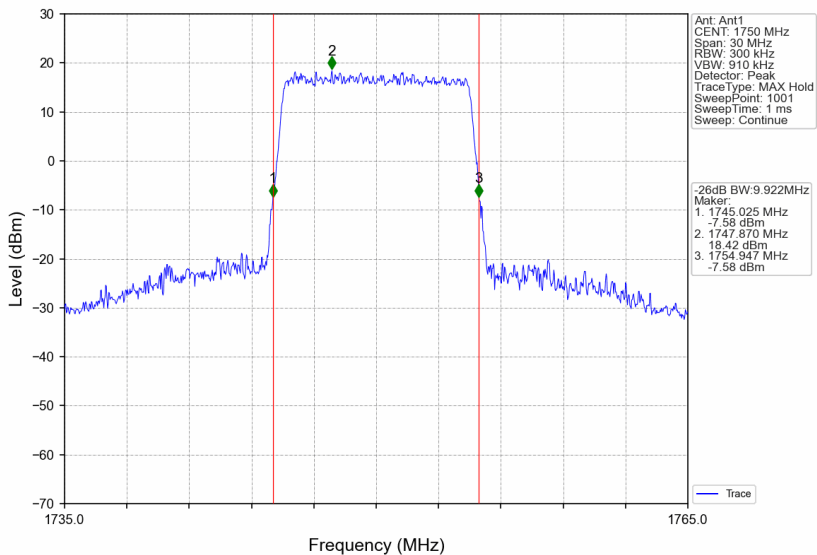
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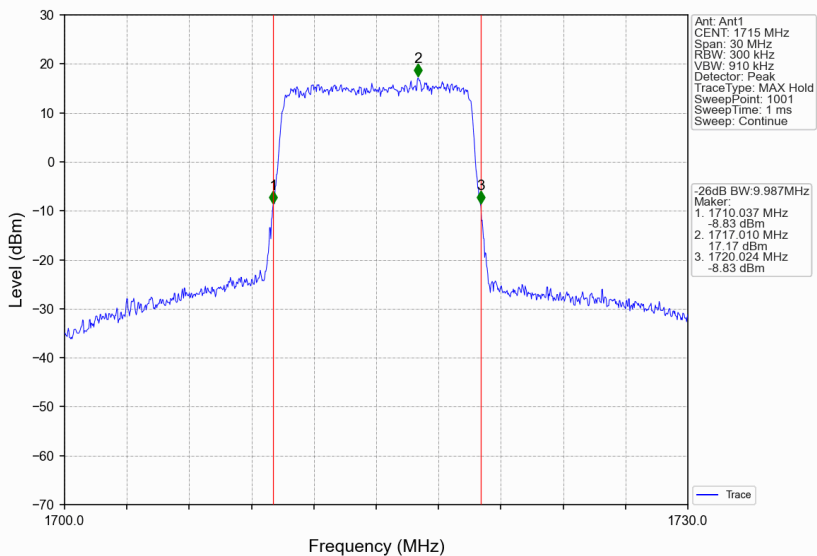
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Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV



Band4_10MHz_256QAM_LCH_1715MHz_RB_50_0_NTNV



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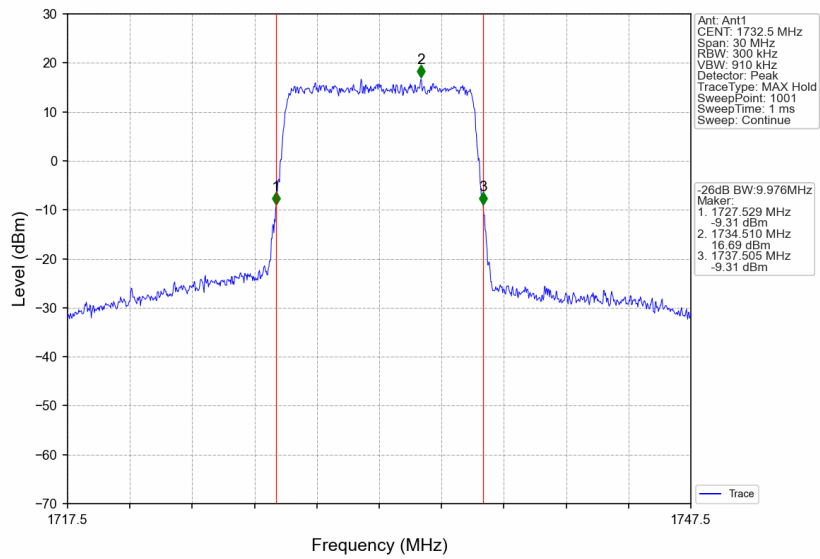
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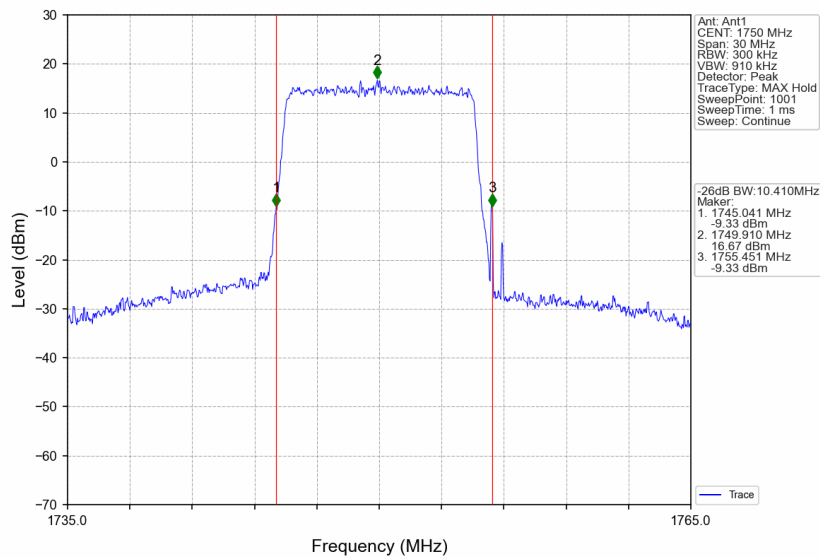
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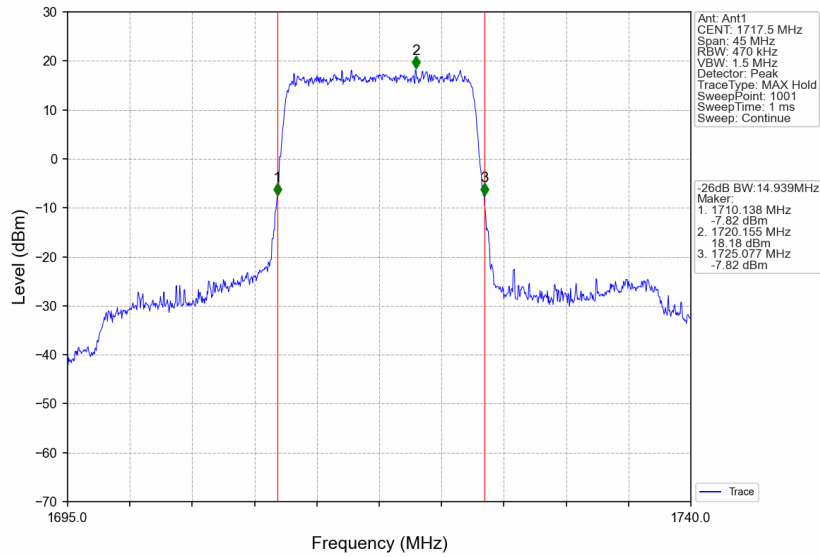


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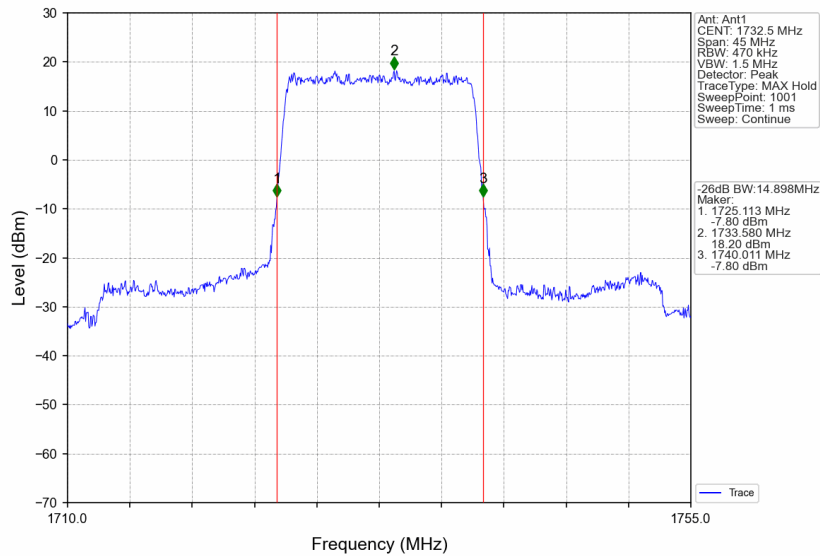
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Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



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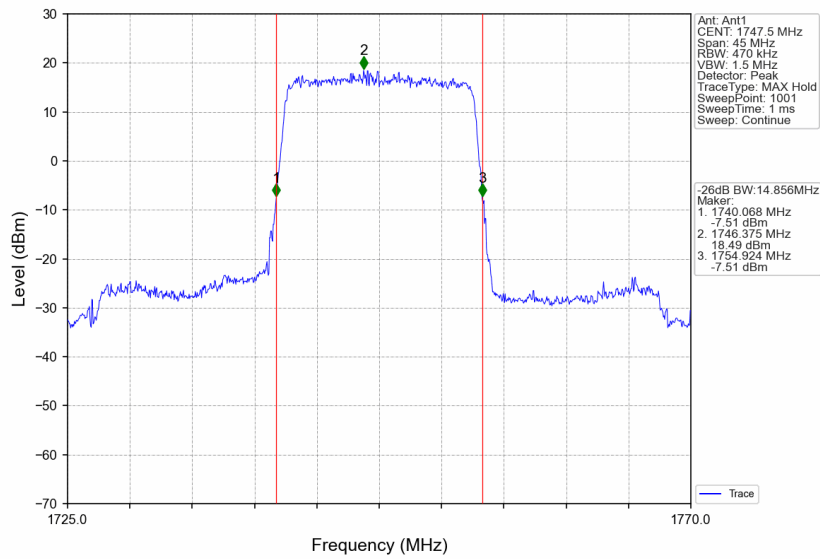
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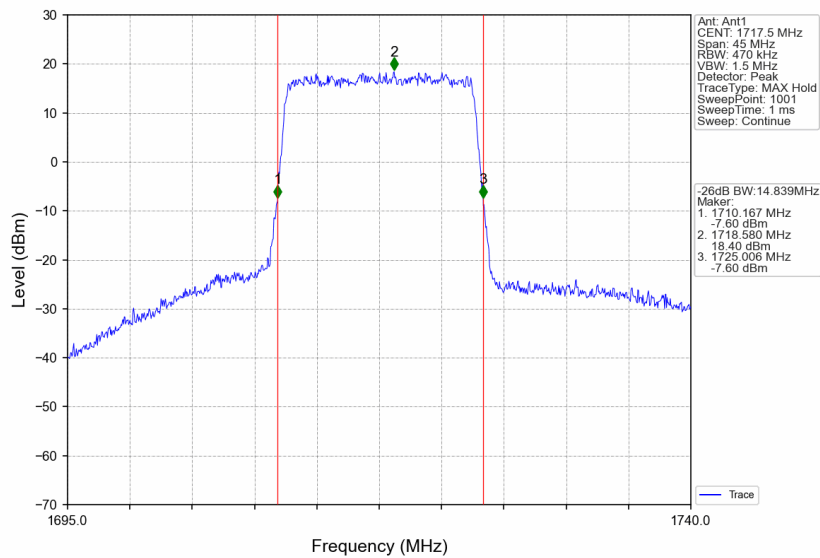
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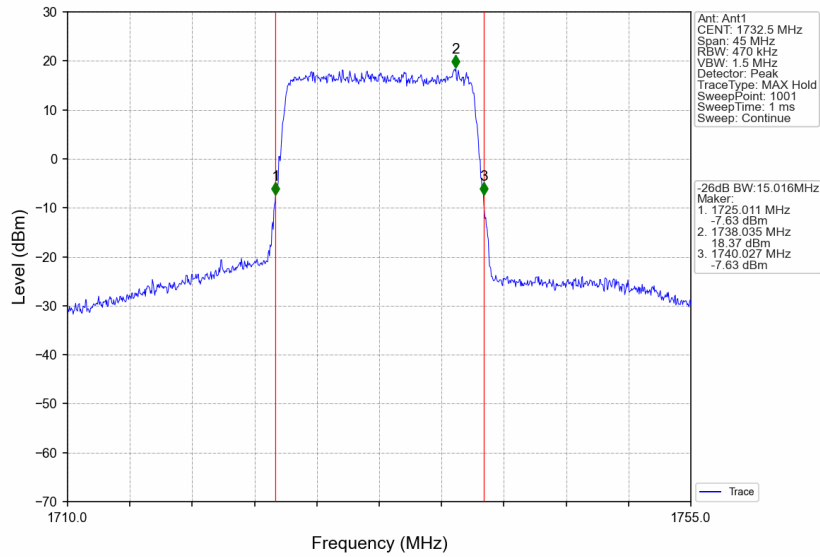


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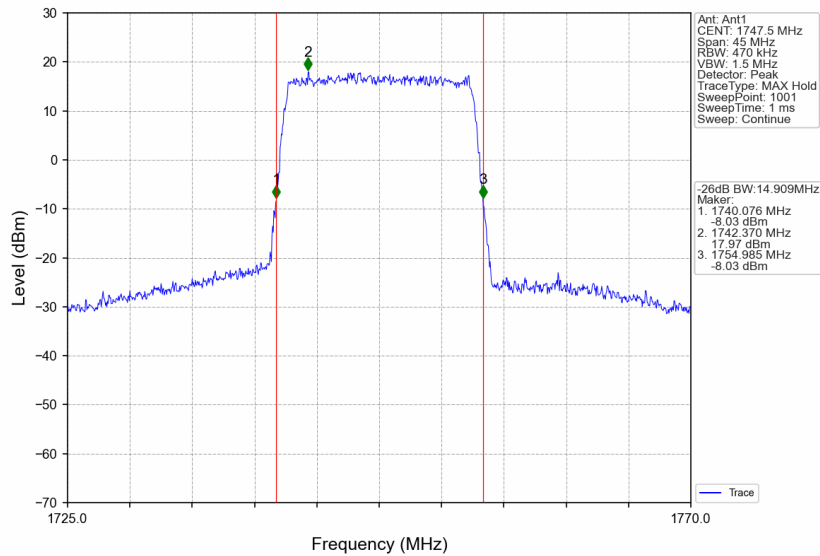
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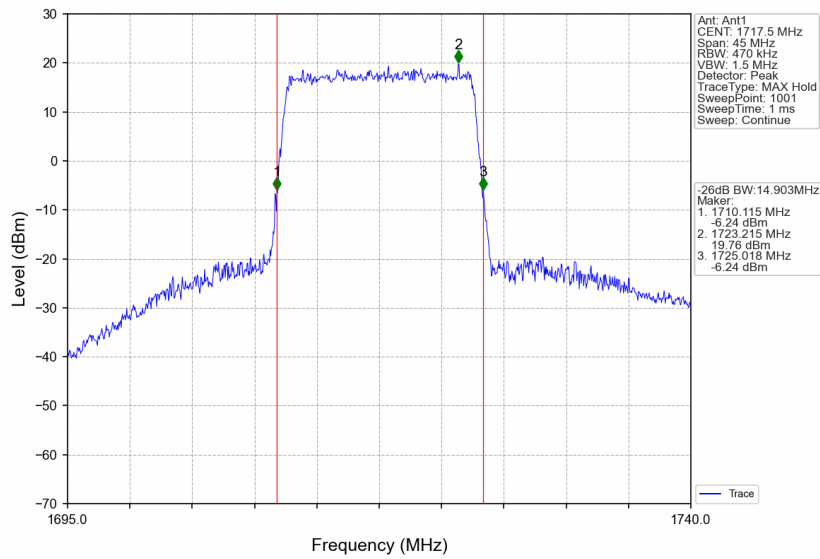


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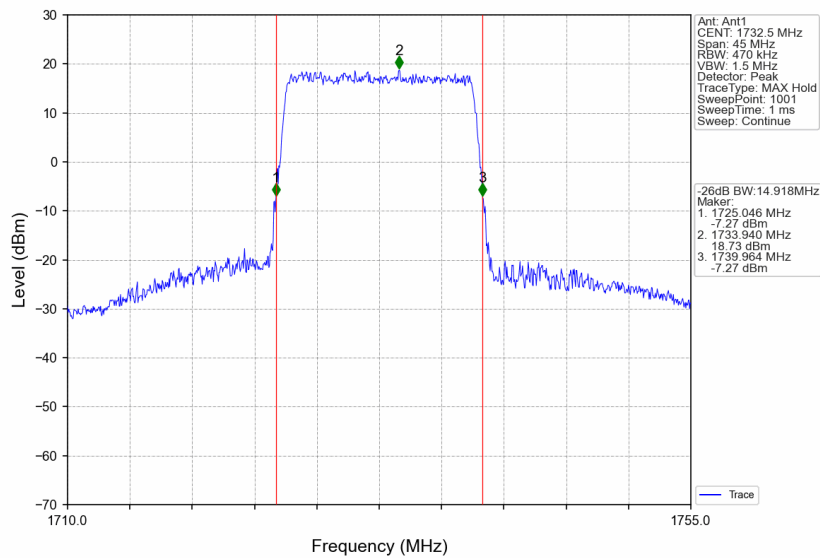
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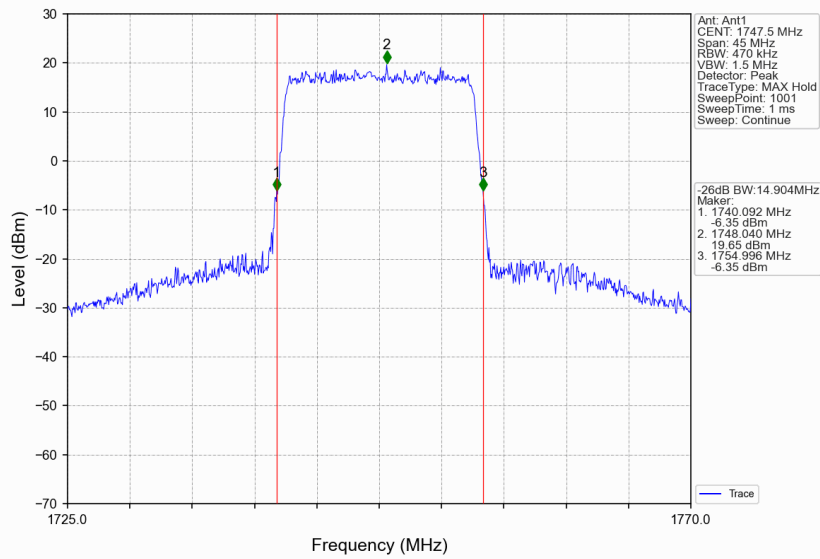
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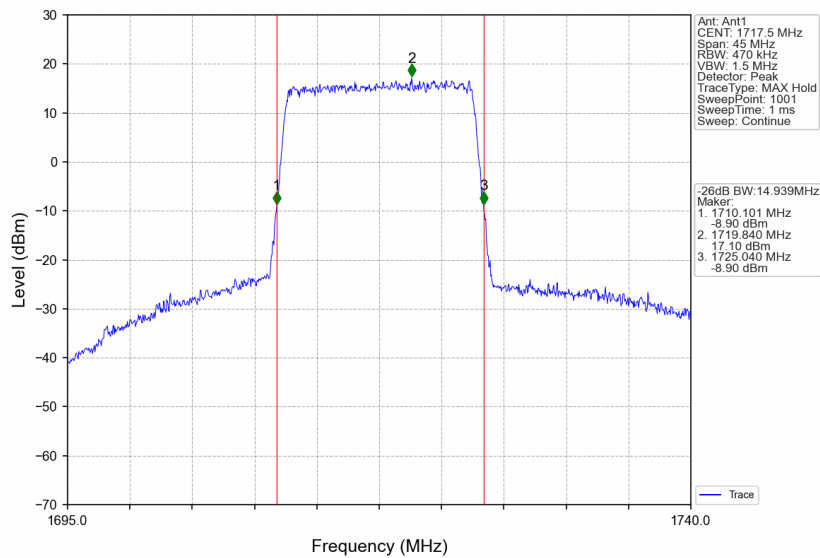
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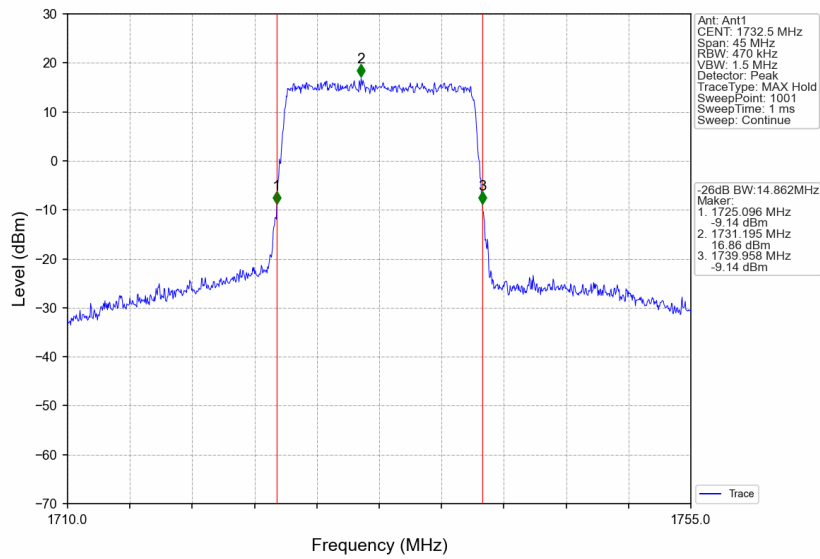


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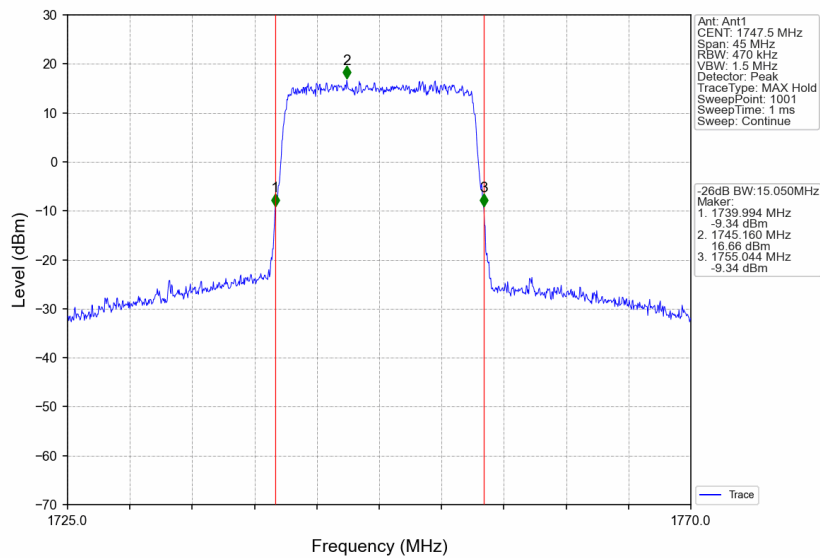
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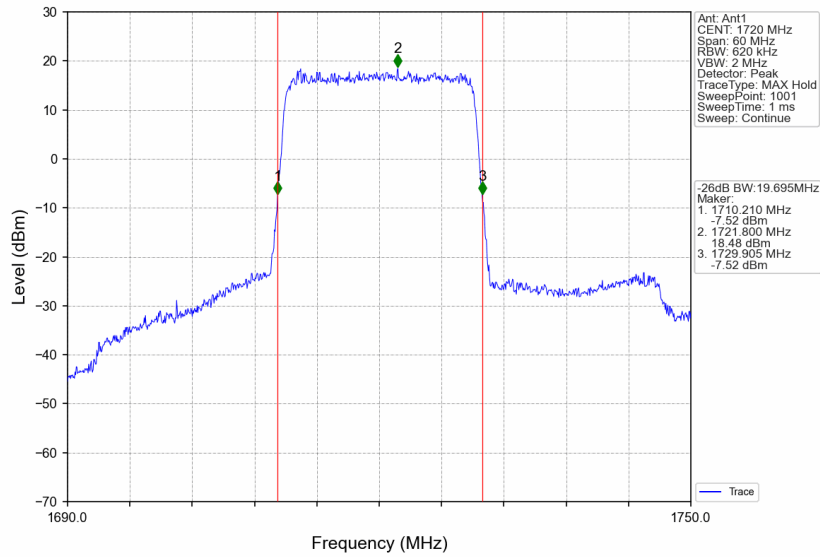


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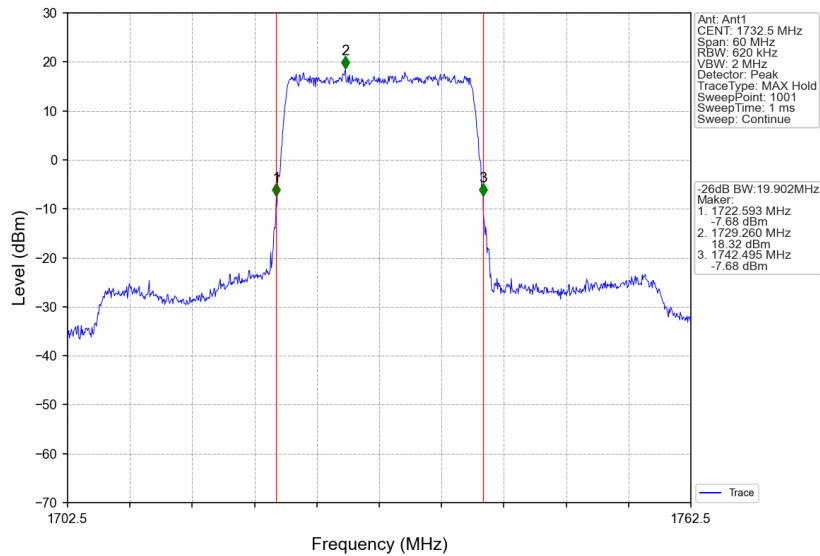
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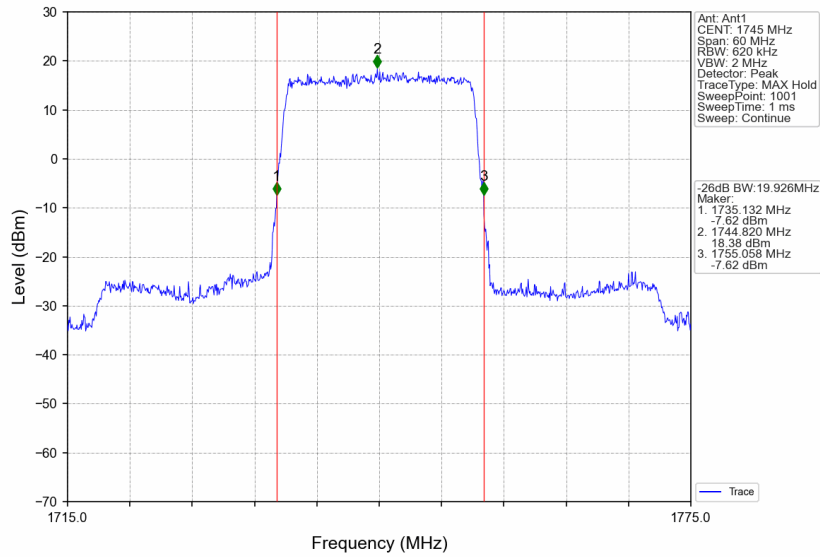


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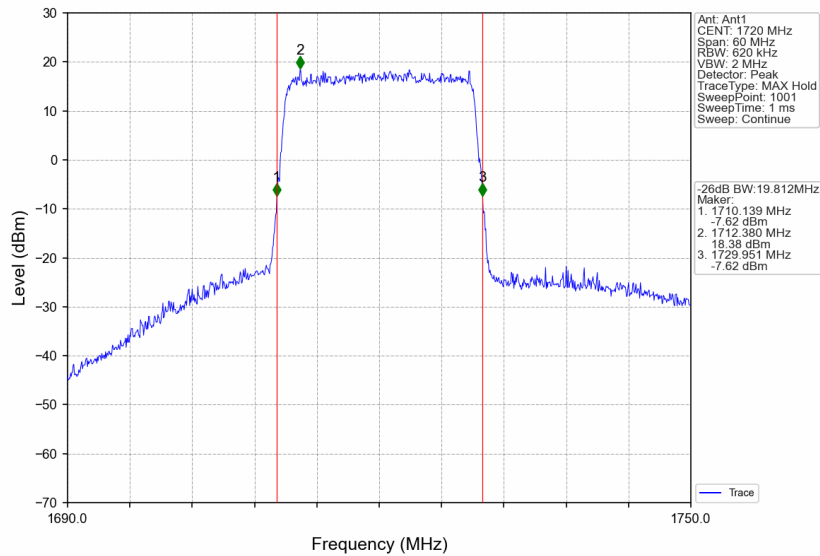
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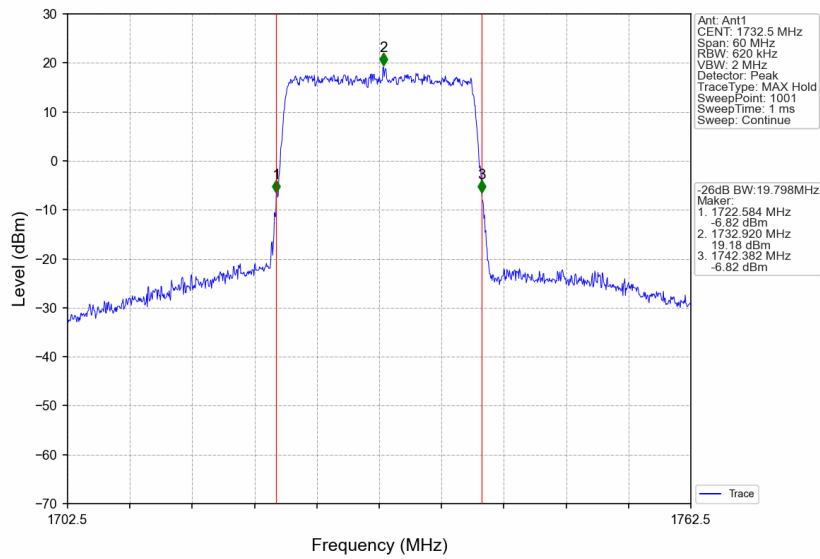


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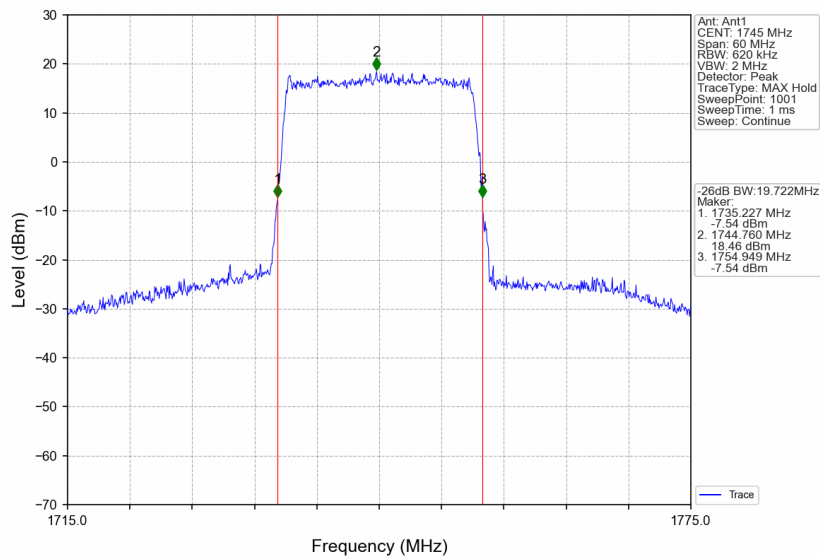
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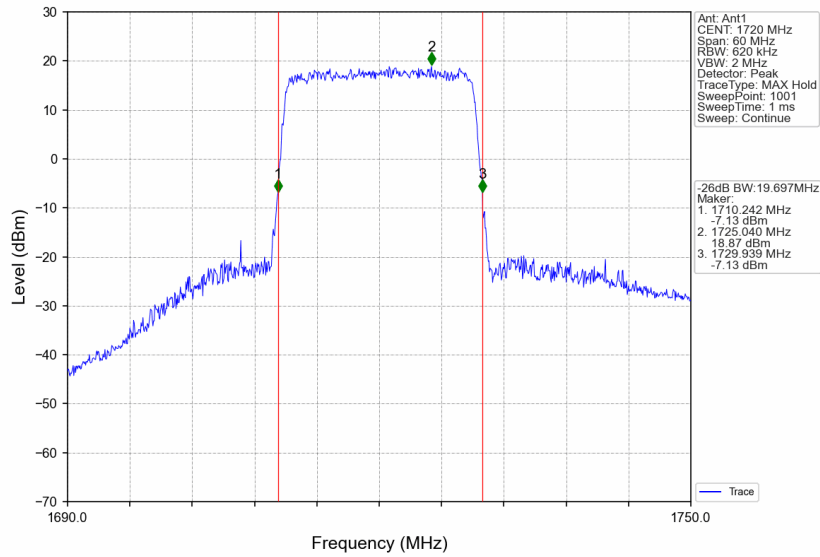


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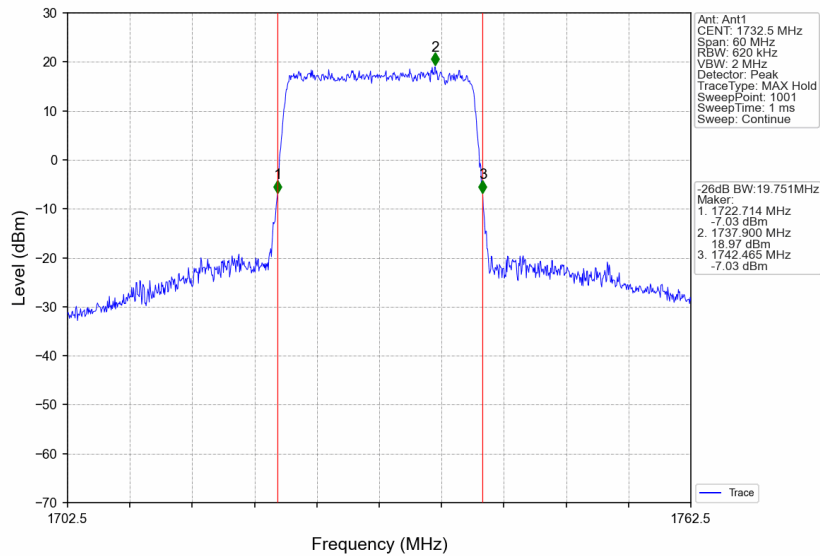
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Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV

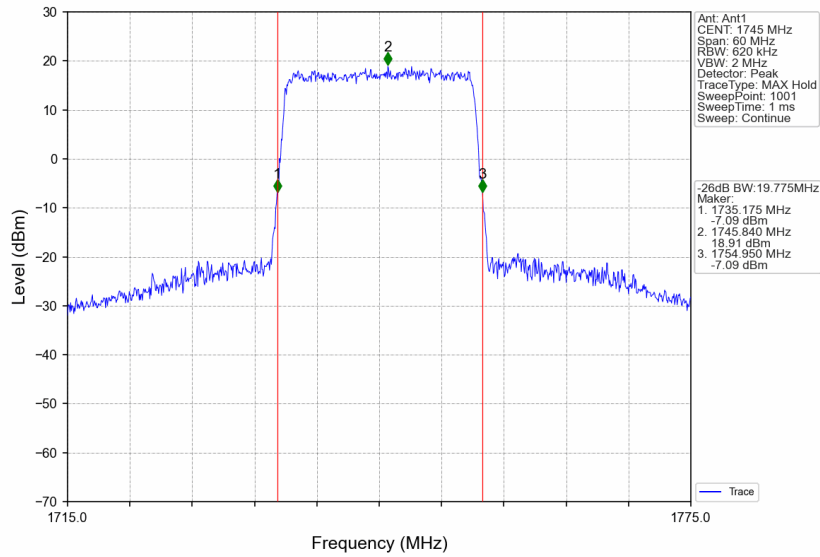


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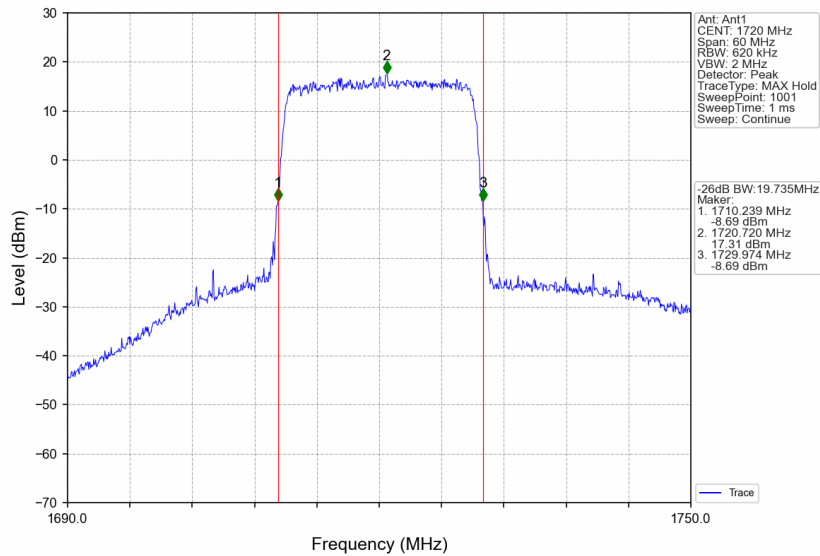
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Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



Band4_20MHz_256QAM_LCH_1720MHz_RB_100_0_NTNV

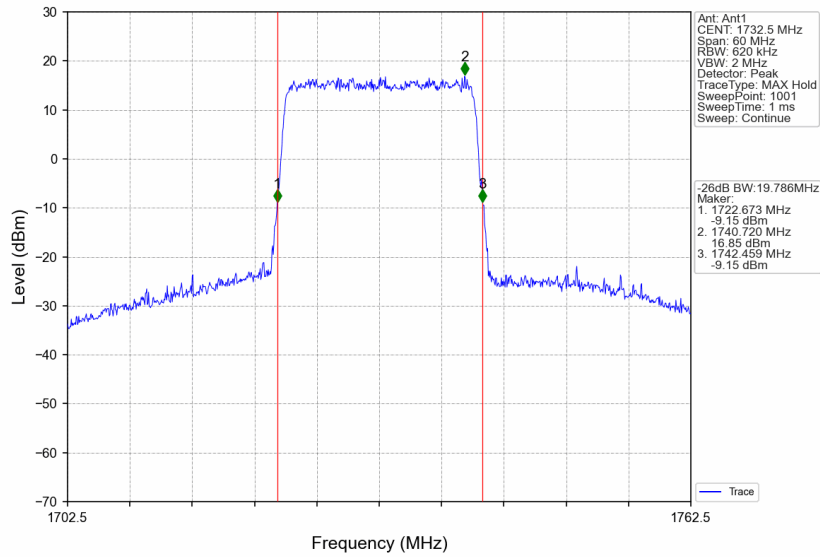


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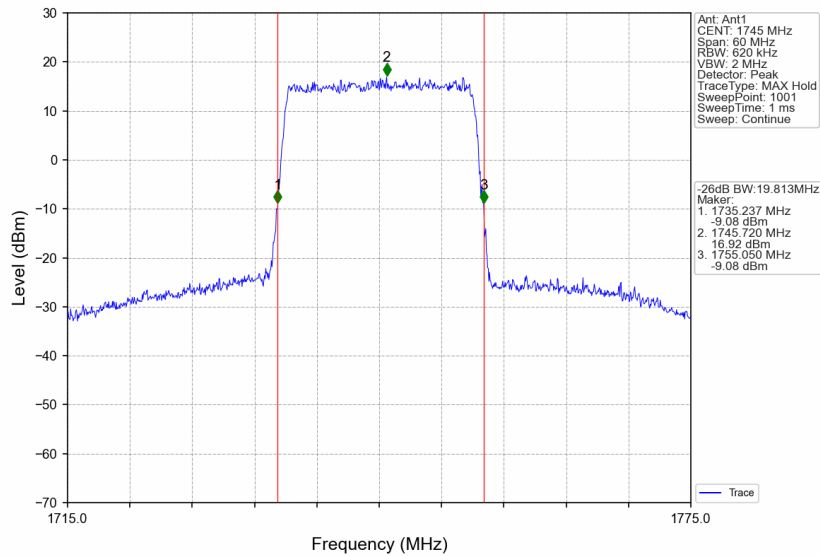
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Band4_20MHz_256QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_256QAM_HCH_1745MHz_RB_100_0_NTNV



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