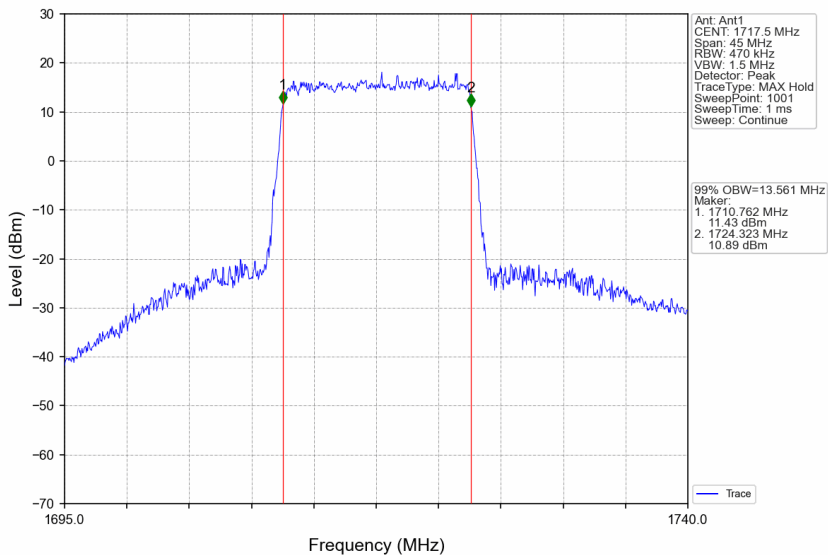
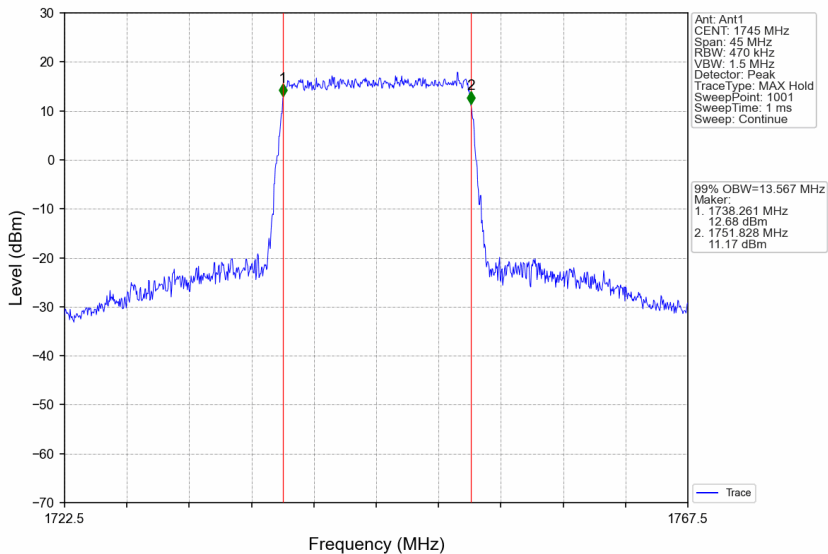


Band66_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_64QAM_MCH_1745MHz_RB_75_0_NTNV



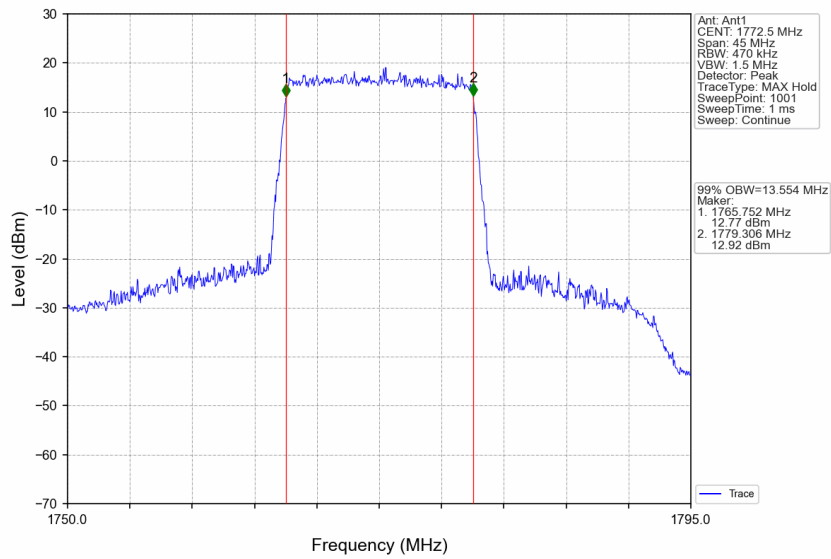
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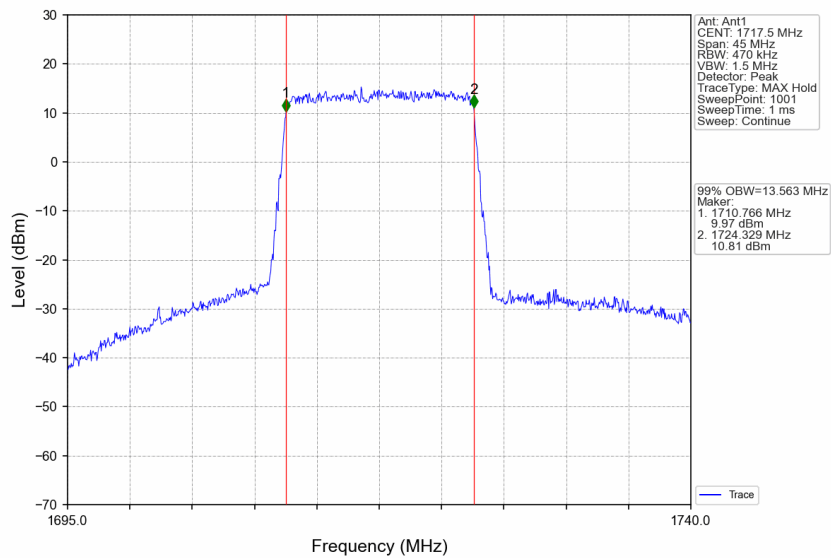
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Band66_15MHz_64QAM_HCH_1772.5MHz_RB_75_0_NTNV



Band66_15MHz_256QAM_LCH_1717.5MHz_RB_75_0_NTNV

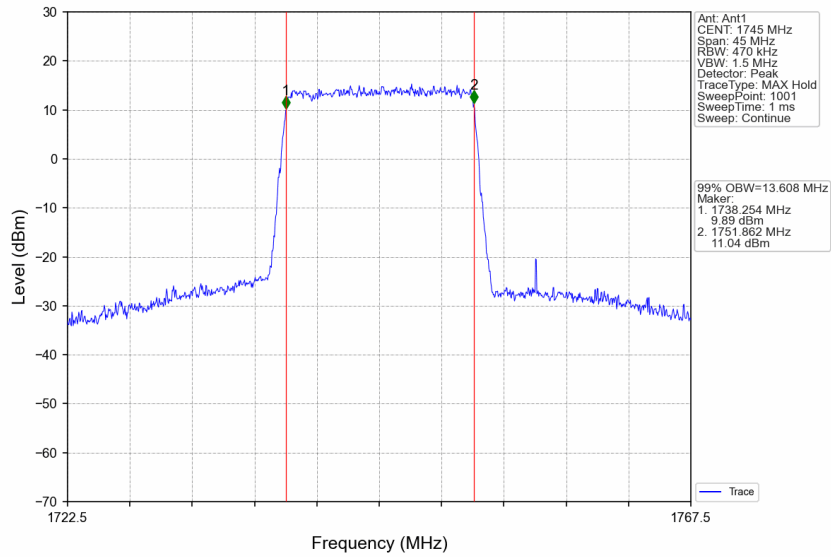


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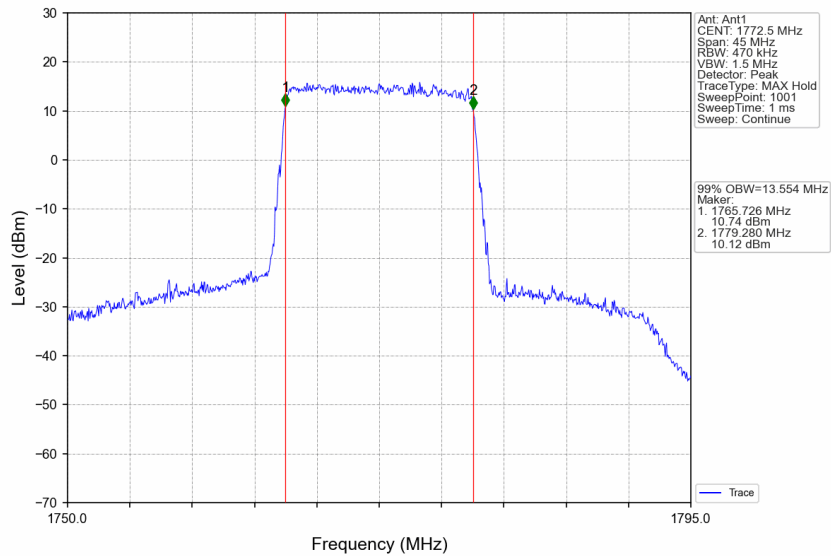
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Band66_15MHz_256QAM_MCH_1745MHz_RB_75_0_NTNV



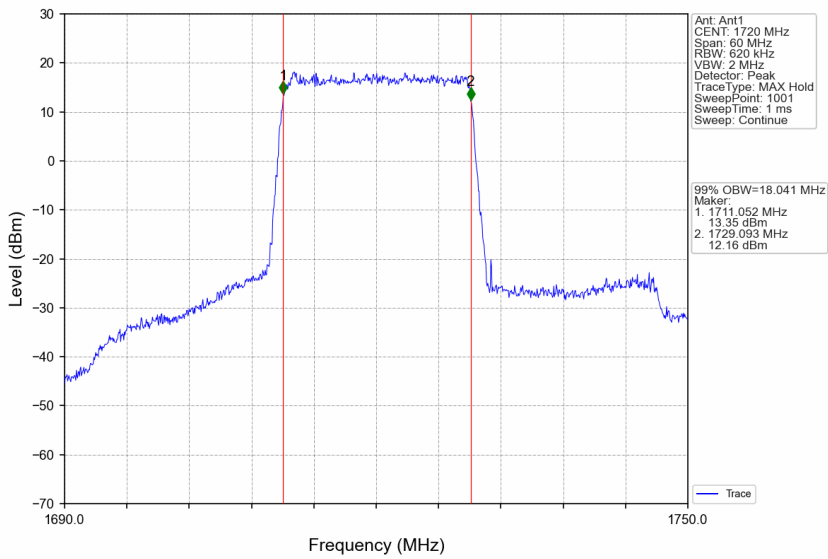
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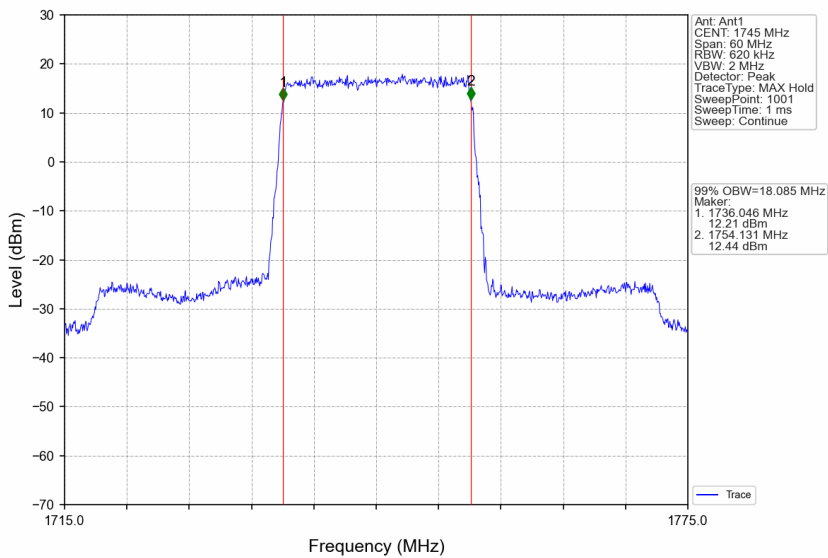
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Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



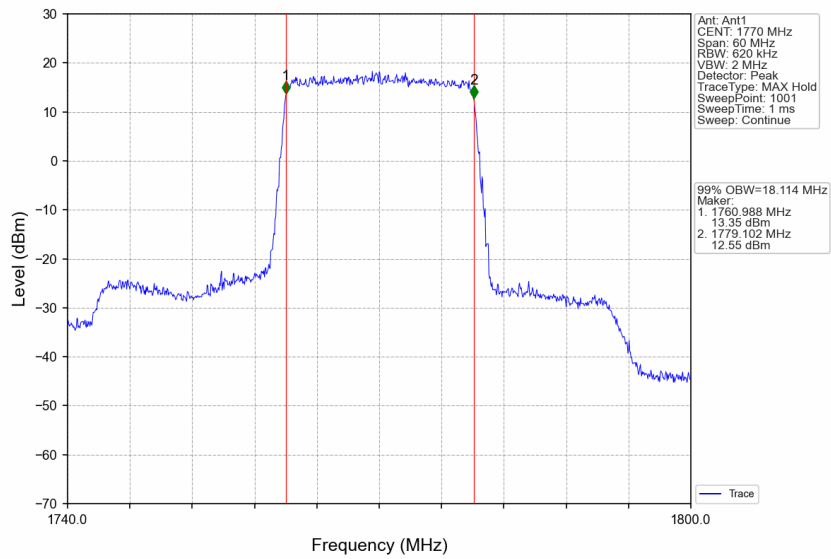
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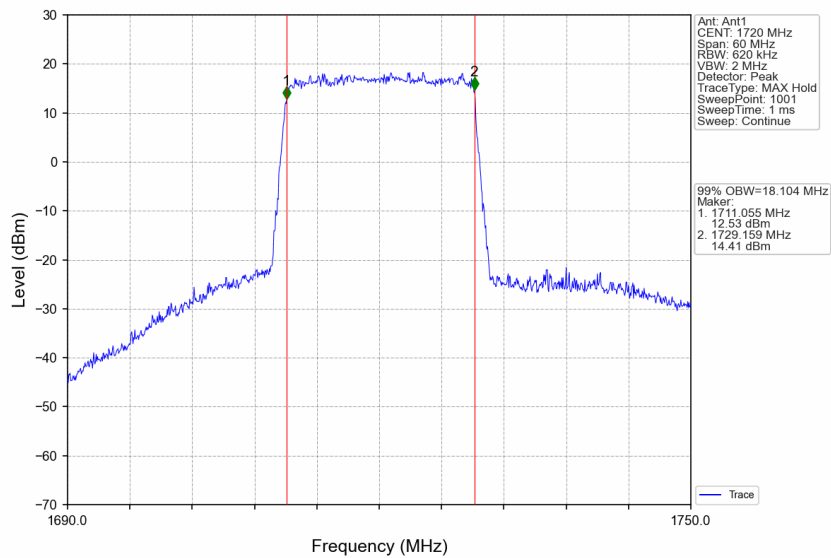
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Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

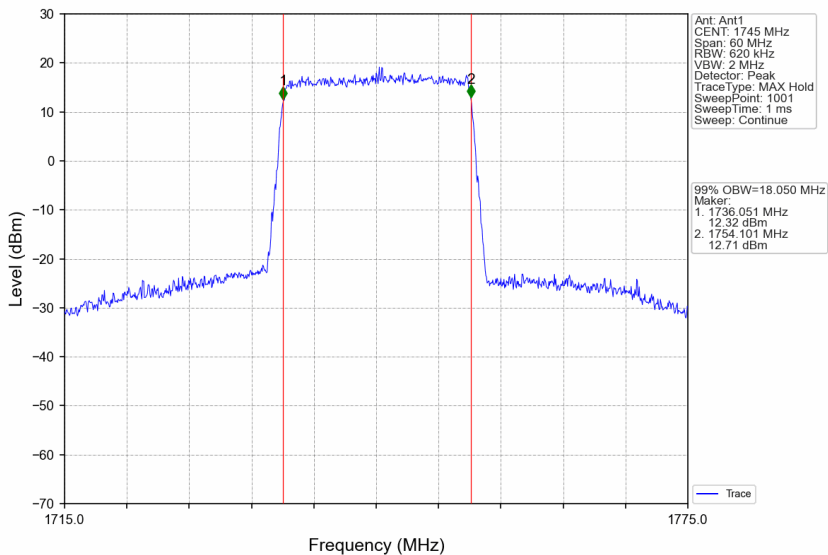


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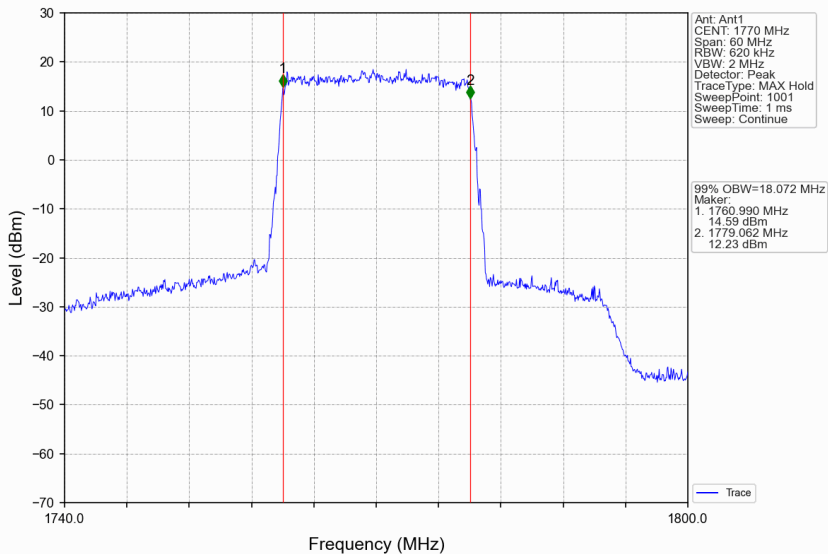
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Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



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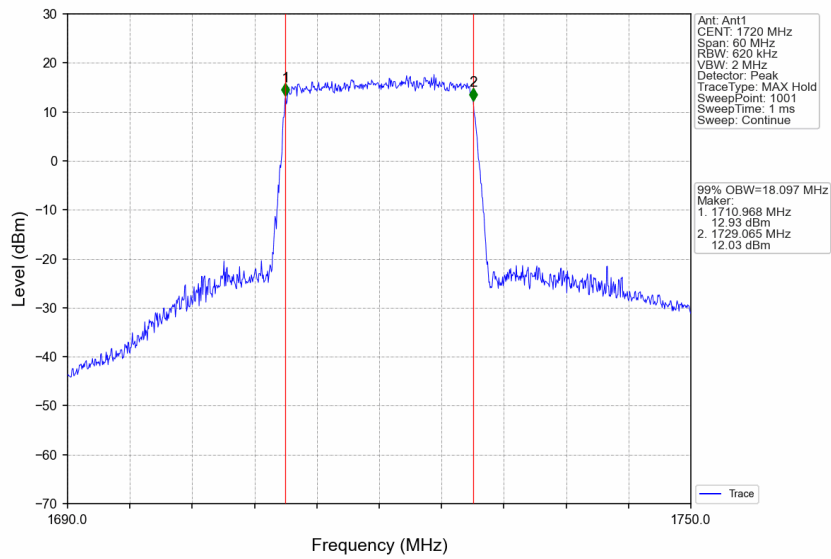
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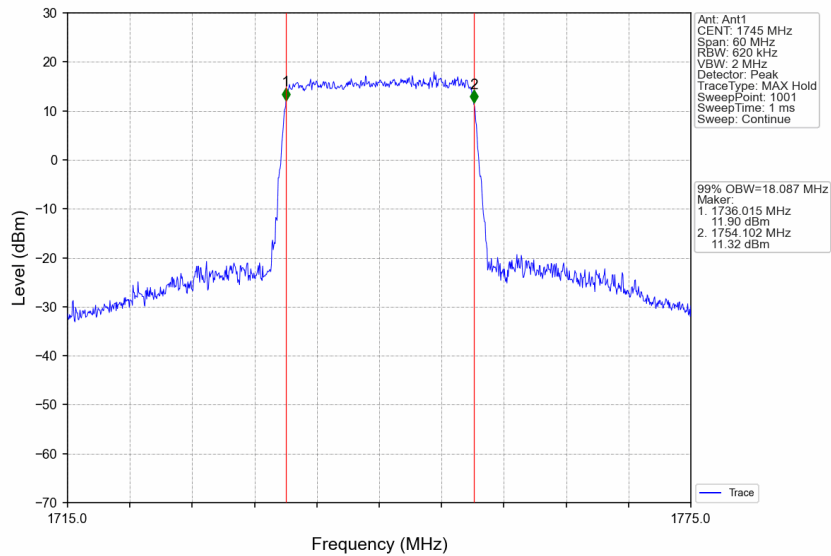
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Band66_20MHz_64QAM_MCH_1745MHz_RB_100_0_NTNV

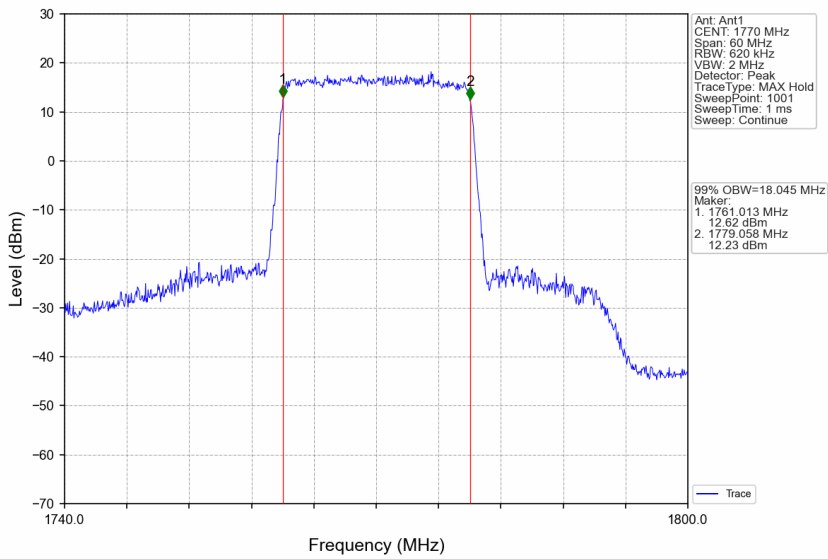


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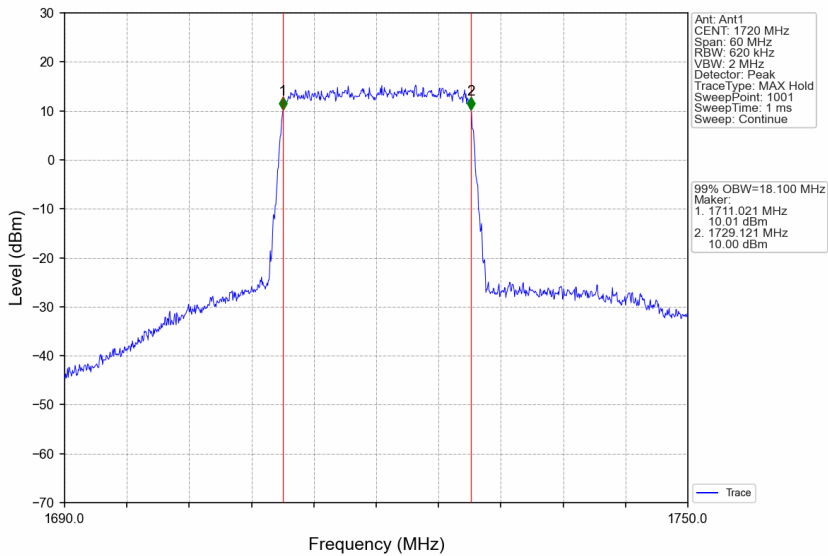
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Band66_20MHz_64QAM_HCH_1770MHz_RB_100_0_NTNV



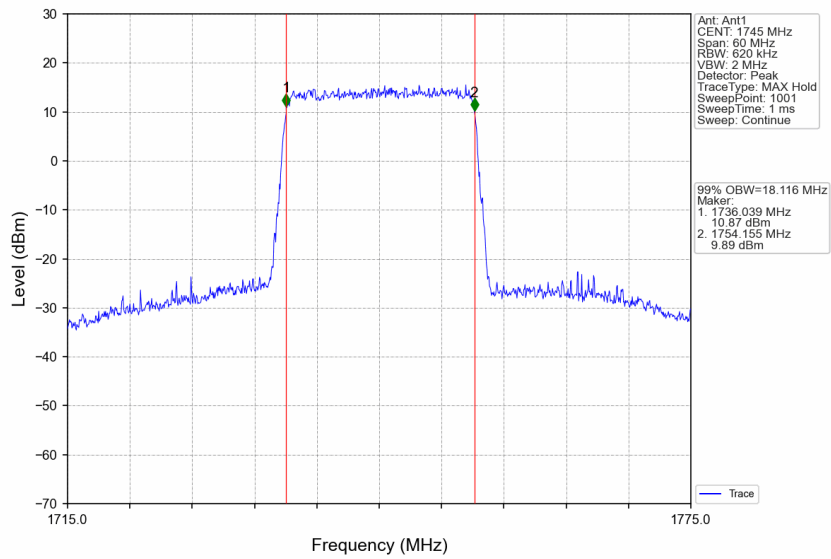
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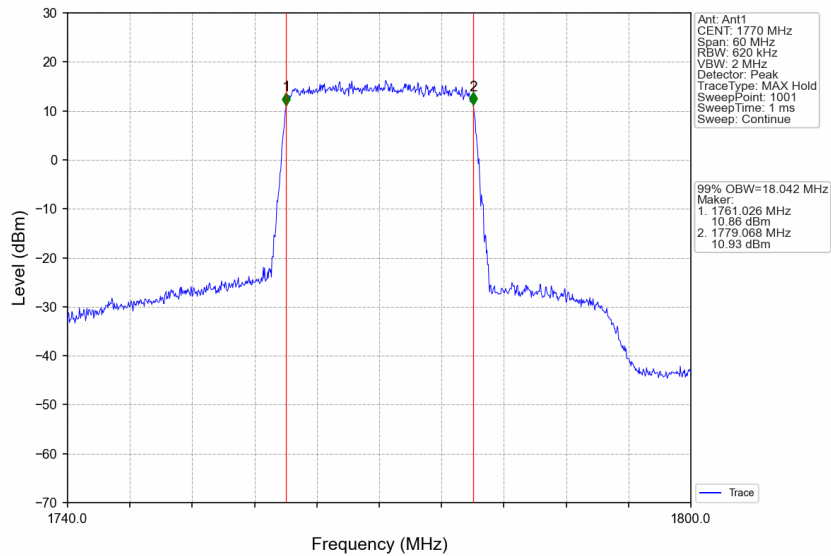
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Band66_20MHz_256QAM_HCH_1770MHz_RB_100_0_NTNV



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3.2 Band66_XDB

3.2.1 Test Result

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.339	/	Pass
		1745	6	0	1.315	/	Pass
		1779.3	6	0	1.316	/	Pass
	16QAM	1710.7	6	0	1.302	/	Pass
		1745	6	0	1.317	/	Pass
		1779.3	6	0	1.324	/	Pass
	64QAM	1710.7	6	0	1.305	/	Pass
		1745	6	0	1.304	/	Pass
		1779.3	6	0	1.327	/	Pass
	256QAM	1710.7	6	0	1.320	/	Pass
		1745	6	0	1.338	/	Pass
		1779.3	6	0	1.296	/	Pass
3	QPSK	1711.5	15	0	3.021	/	Pass
		1745	15	0	3.026	/	Pass
		1778.5	15	0	3.022	/	Pass
	16QAM	1711.5	15	0	3.048	/	Pass
		1745	15	0	3.031	/	Pass
		1778.5	15	0	3.021	/	Pass
	64QAM	1711.5	15	0	3.014	/	Pass
		1745	15	0	3.011	/	Pass
		1778.5	15	0	3.006	/	Pass
	256QAM	1711.5	15	0	3.034	/	Pass
		1745	15	0	3.034	/	Pass
		1778.5	15	0	3.032	/	Pass
5	QPSK	1712.5	25	0	5.064	/	Pass
		1745	25	0	5.100	/	Pass
		1777.5	25	0	5.054	/	Pass
	16QAM	1712.5	25	0	5.039	/	Pass
		1745	25	0	5.076	/	Pass
		1777.5	25	0	5.082	/	Pass
	64QAM	1712.5	25	0	5.063	/	Pass
		1745	25	0	5.046	/	Pass
		1777.5	25	0	5.039	/	Pass
	256QAM	1712.5	25	0	5.079	/	Pass
		1745	25	0	5.073	/	Pass
		1777.5	25	0	5.064	/	Pass
10	QPSK	1715	50	0	10.073	/	Pass
		1745	50	0	10.017	/	Pass
		1775	50	0	9.983	/	Pass



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	16QAM	1715	50	0	9.935	/	Pass	
		1745	50	0	9.943	/	Pass	
		1775	50	0	10.000	/	Pass	
	64QAM	1715	50	0	10.015	/	Pass	
		1745	50	0	9.945	/	Pass	
		1775	50	0	9.963	/	Pass	
	256QAM	1715	50	0	9.869	/	Pass	
		1745	50	0	9.982	/	Pass	
		1775	50	0	10.033	/	Pass	
15	QPSK	1717.5	75	0	14.989	/	Pass	
		1745	75	0	14.826	/	Pass	
		1772.5	75	0	14.987	/	Pass	
	16QAM	1717.5	75	0	14.969	/	Pass	
		1745	75	0	14.978	/	Pass	
		1772.5	75	0	14.959	/	Pass	
	64QAM	1717.5	75	0	14.892	/	Pass	
		1745	75	0	14.982	/	Pass	
		1772.5	75	0	14.874	/	Pass	
	256QAM	1717.5	75	0	14.983	/	Pass	
		1745	75	0	14.918	/	Pass	
		1772.5	75	0	14.994	/	Pass	
	20	QPSK	1720	100	0	19.734	/	Pass
			1745	100	0	19.895	/	Pass
			1770	100	0	19.911	/	Pass
16QAM		1720	100	0	19.717	/	Pass	
		1745	100	0	19.698	/	Pass	
		1770	100	0	19.853	/	Pass	
64QAM		1720	100	0	19.755	/	Pass	
		1745	100	0	19.710	/	Pass	
		1770	100	0	19.586	/	Pass	
256QAM		1720	100	0	19.659	/	Pass	
		1745	100	0	19.773	/	Pass	
		1770	100	0	19.903	/	Pass	



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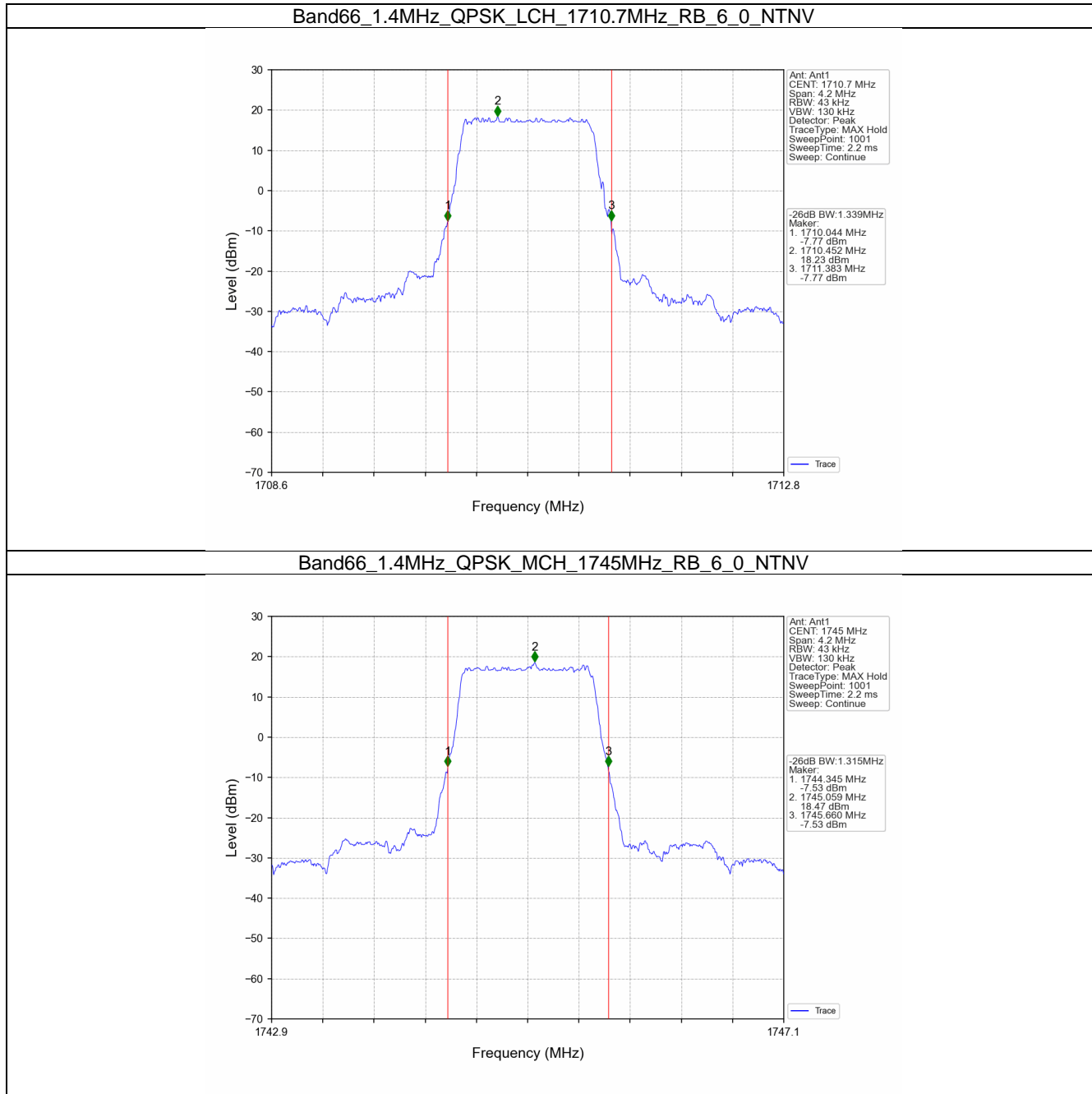
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3.2.2 Test Graph

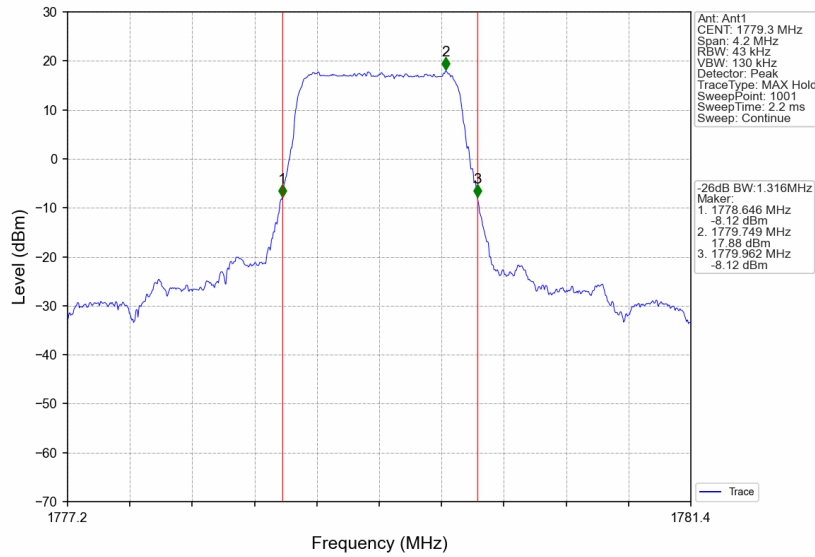


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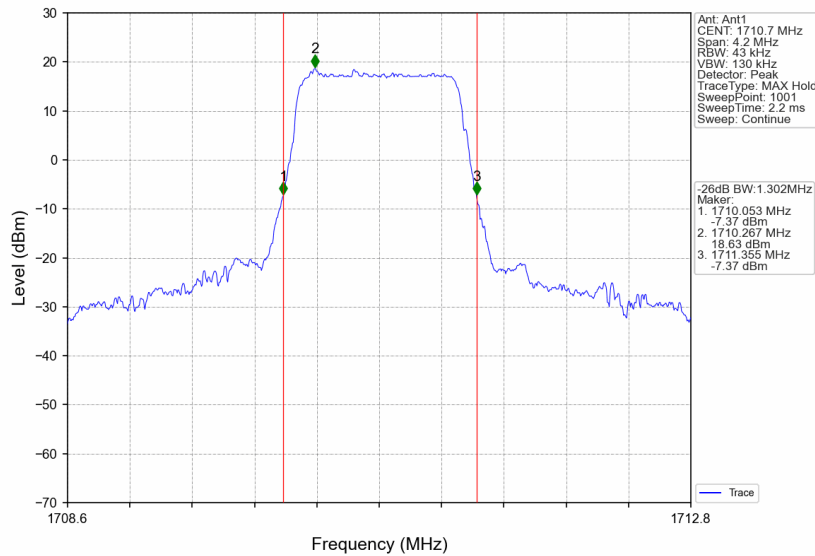
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Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

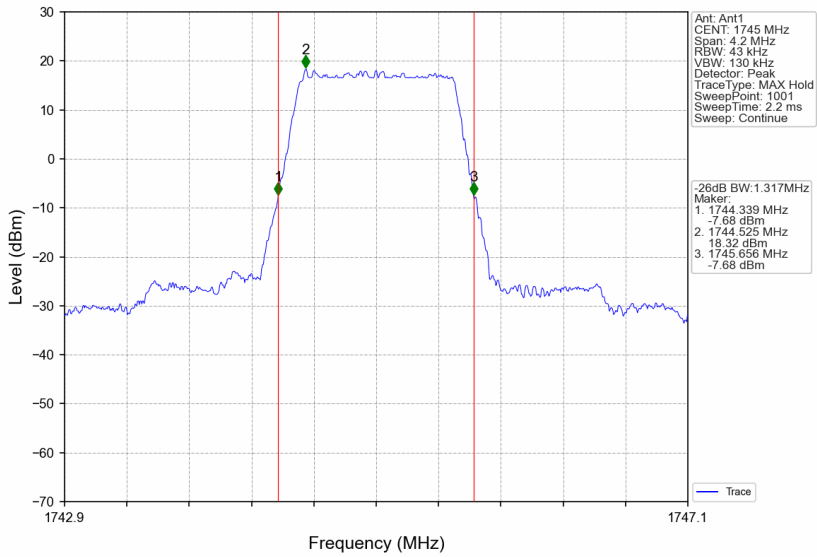


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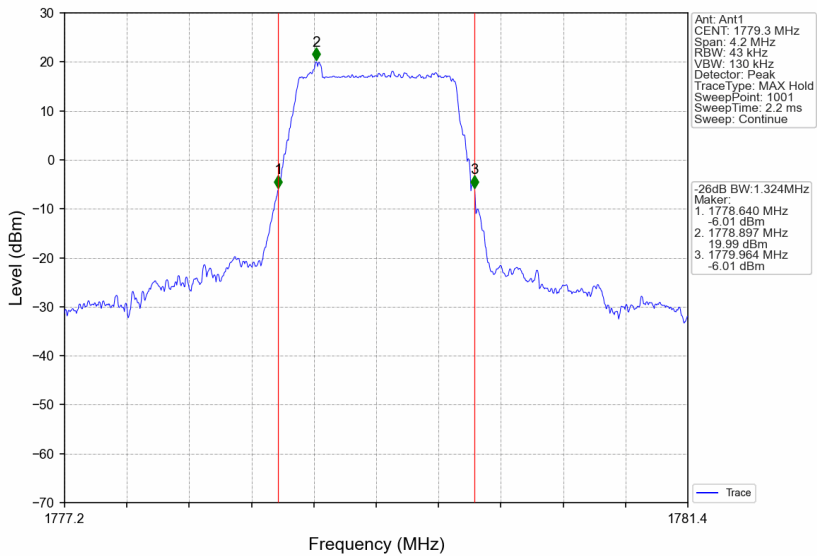
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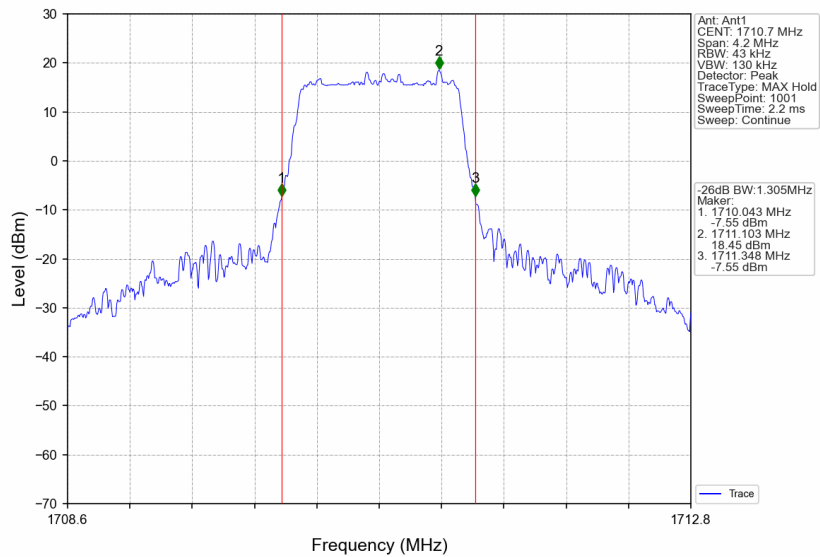


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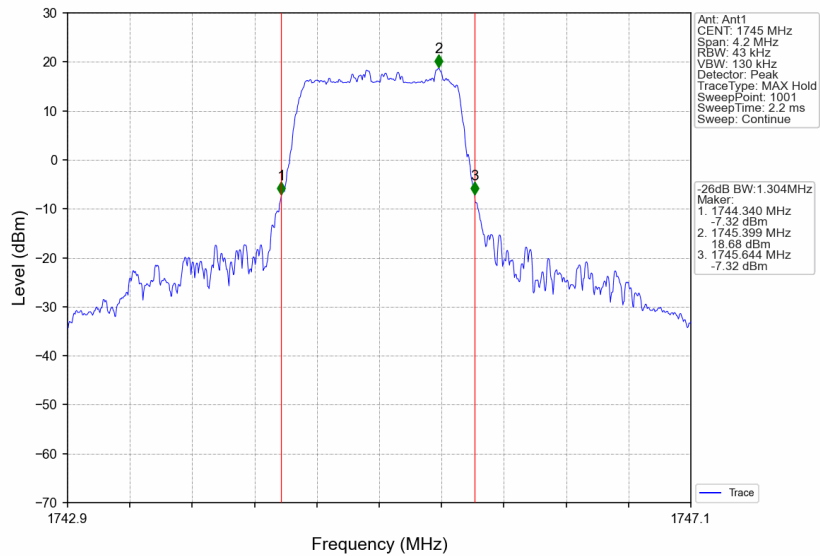
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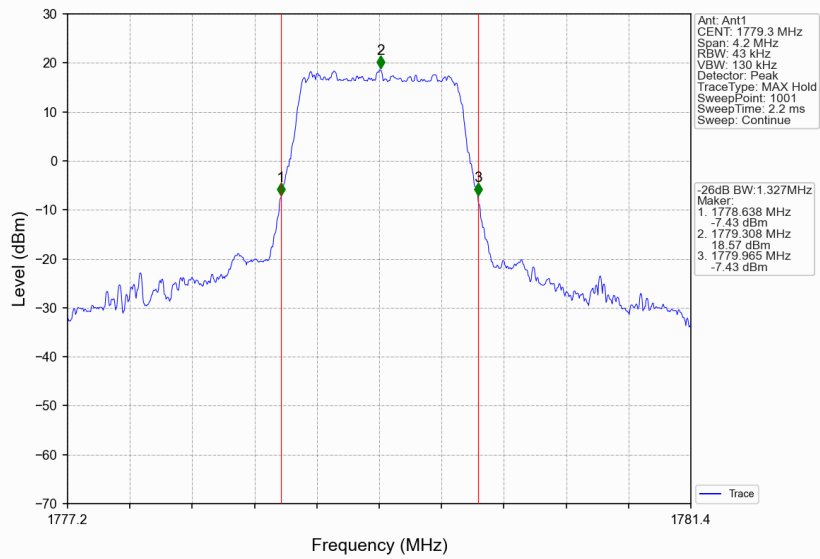


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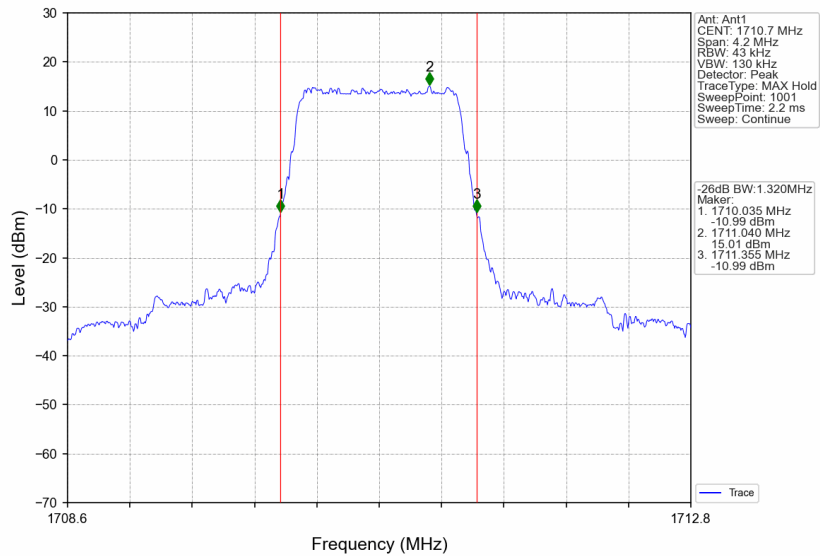
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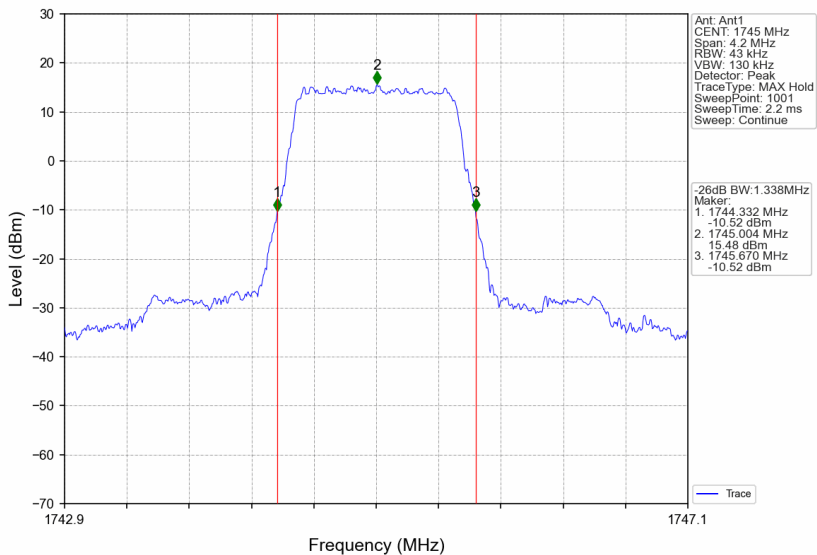
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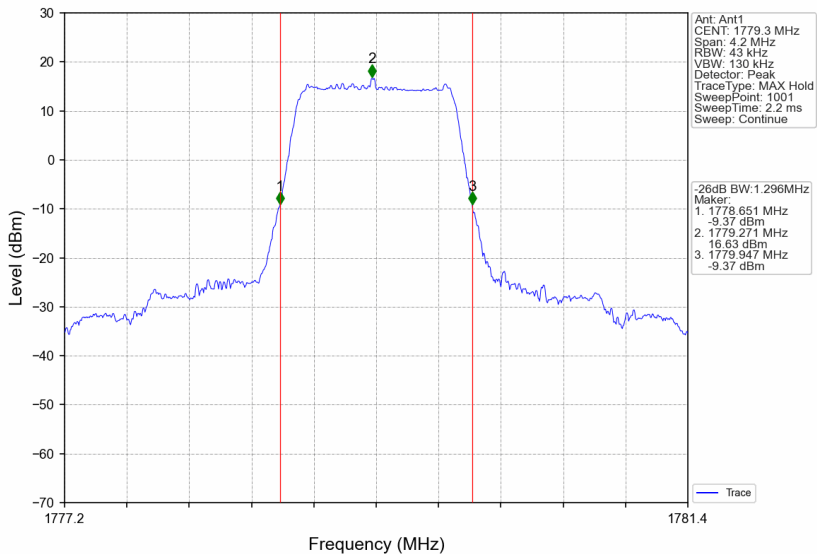
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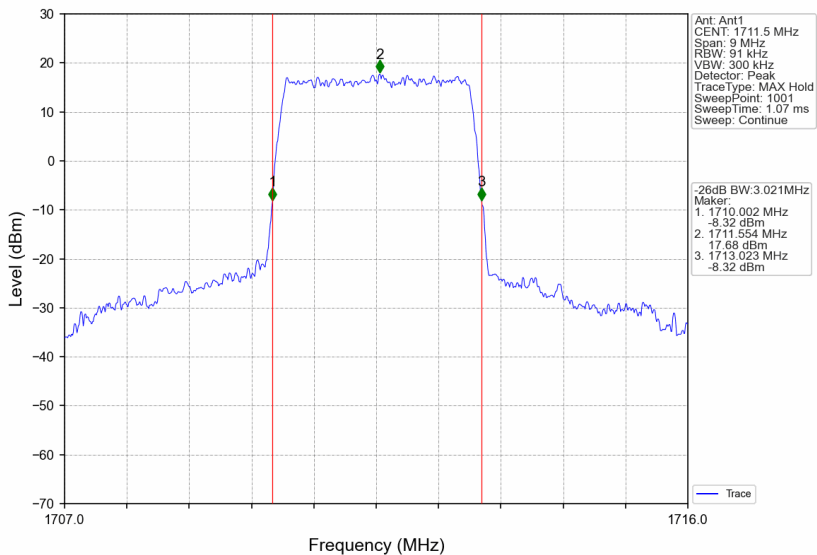


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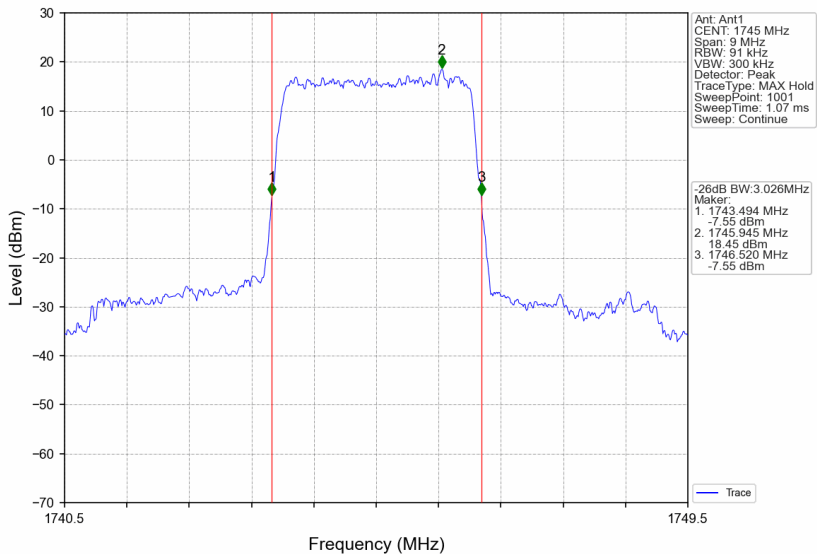
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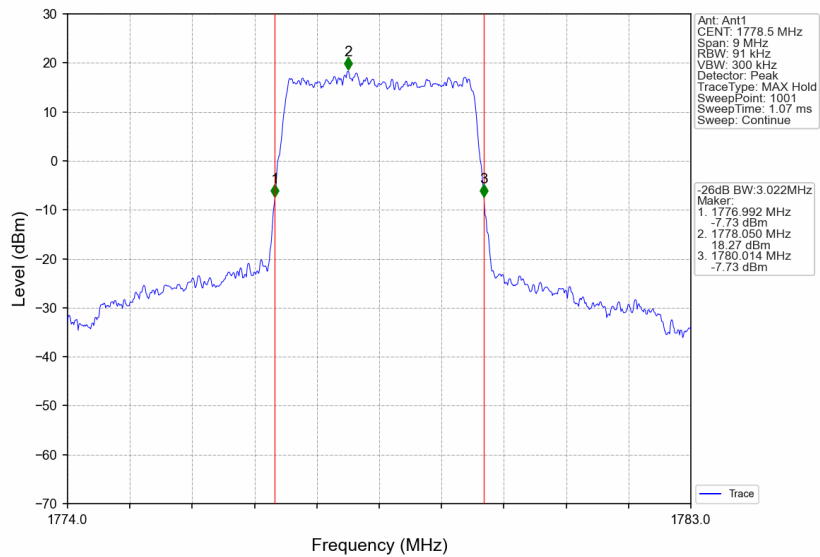


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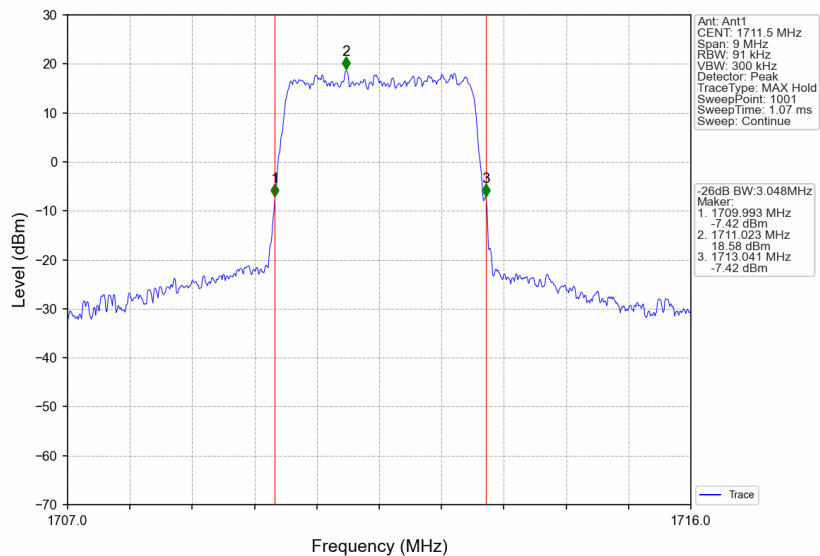
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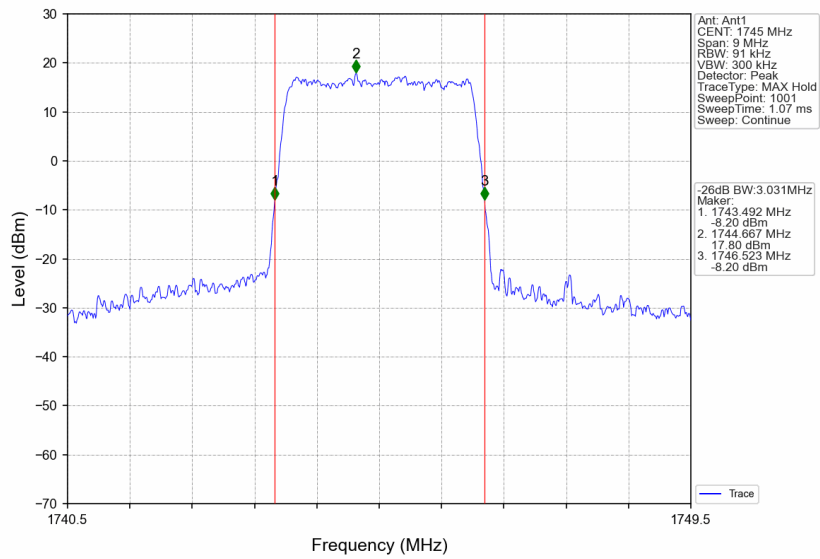


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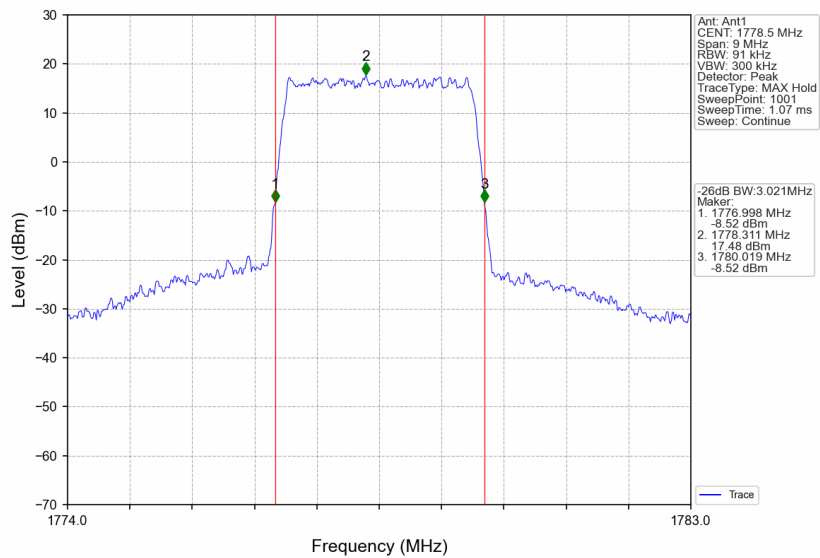
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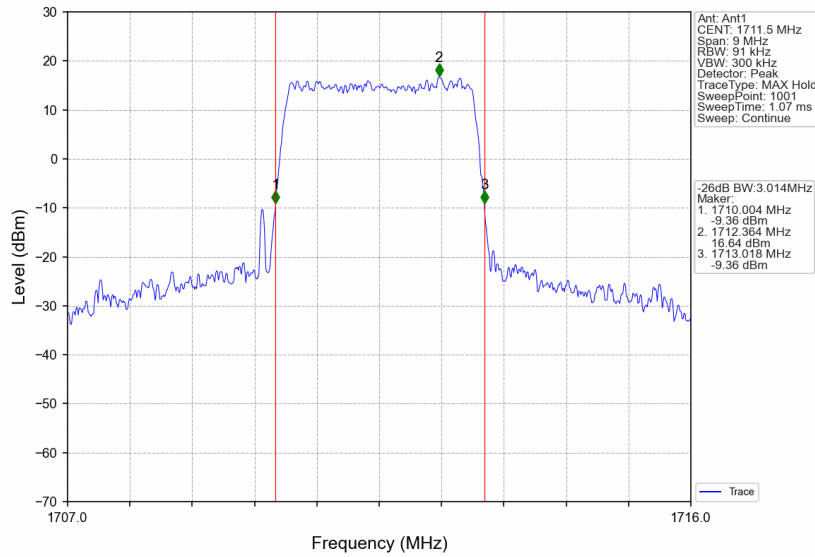
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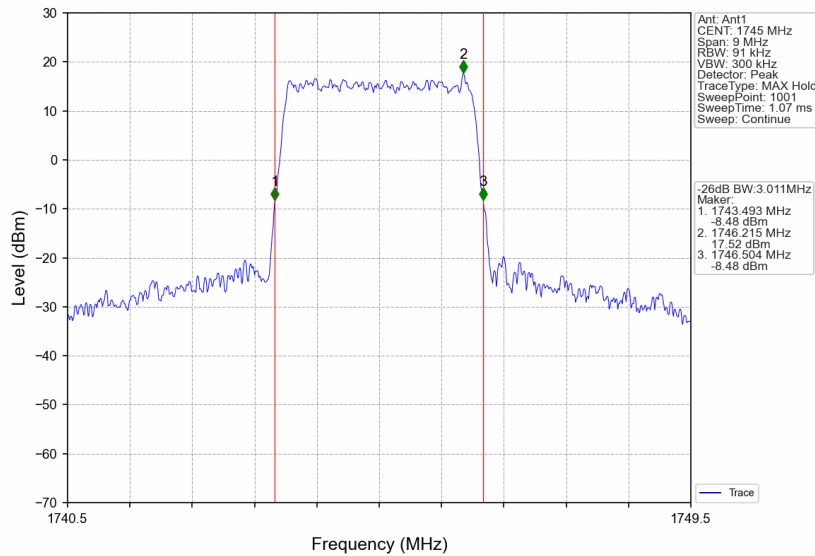
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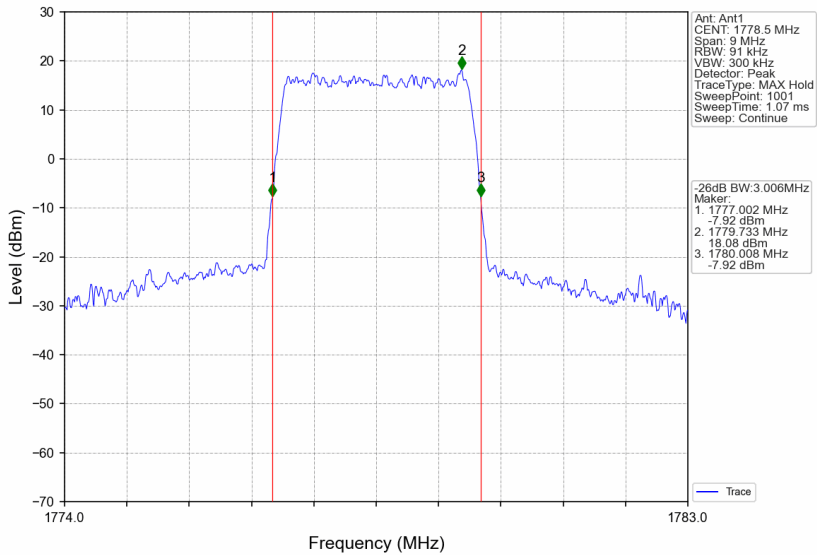


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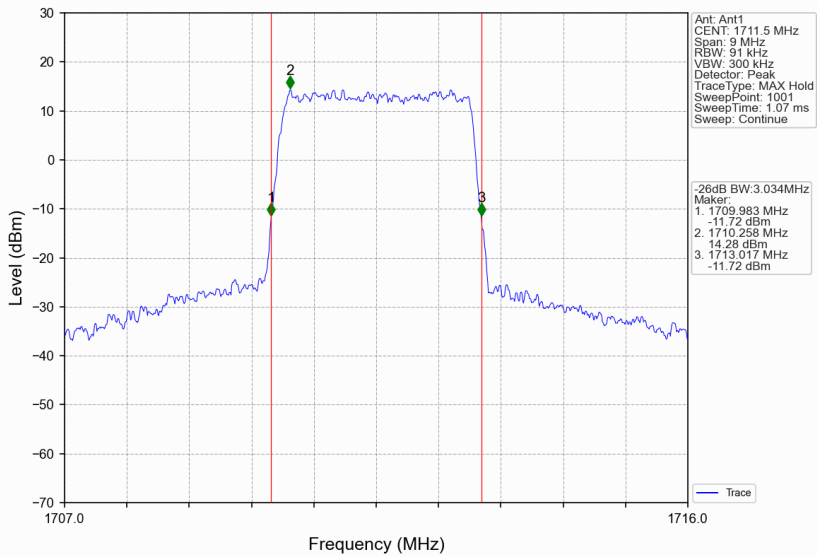
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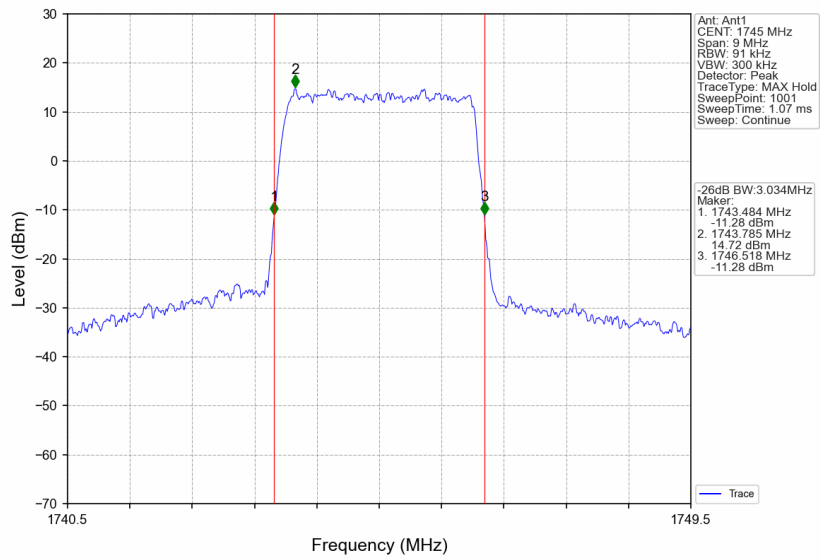
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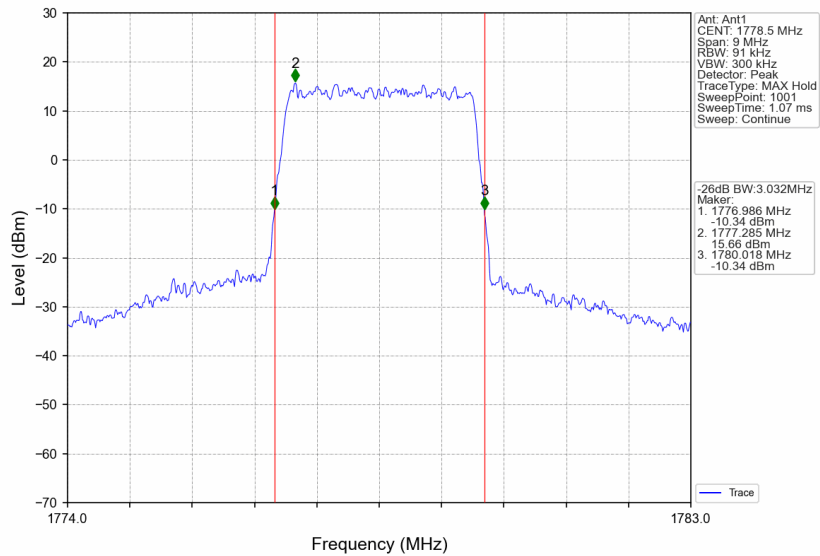
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Band66_3MHz_256QAM_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_256QAM_HCH_1778.5MHz_RB_15_0_NTNV

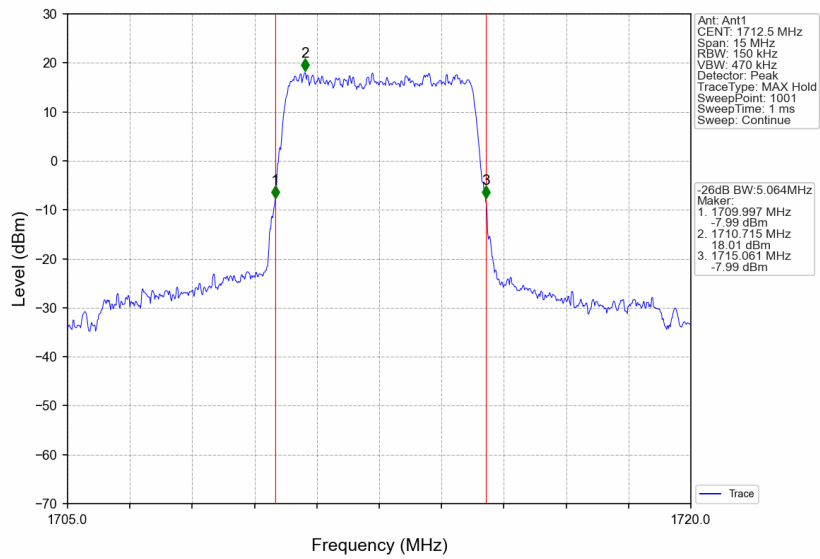


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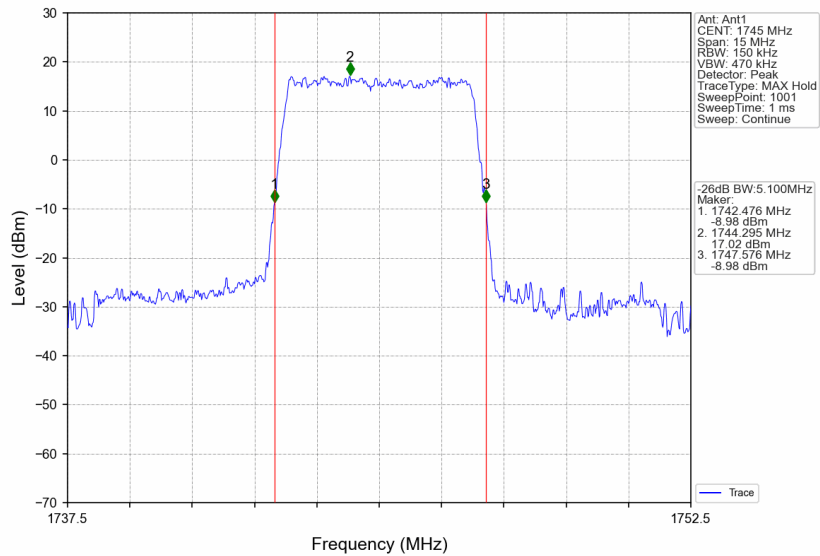
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Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV

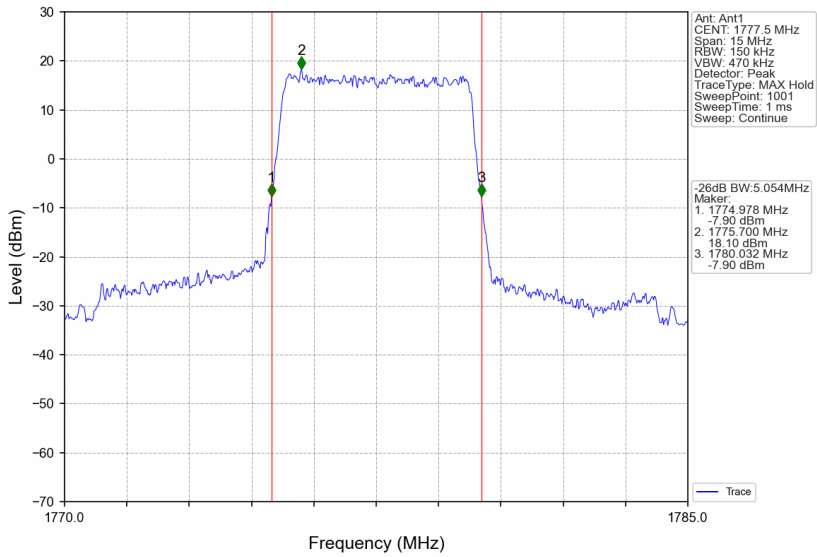


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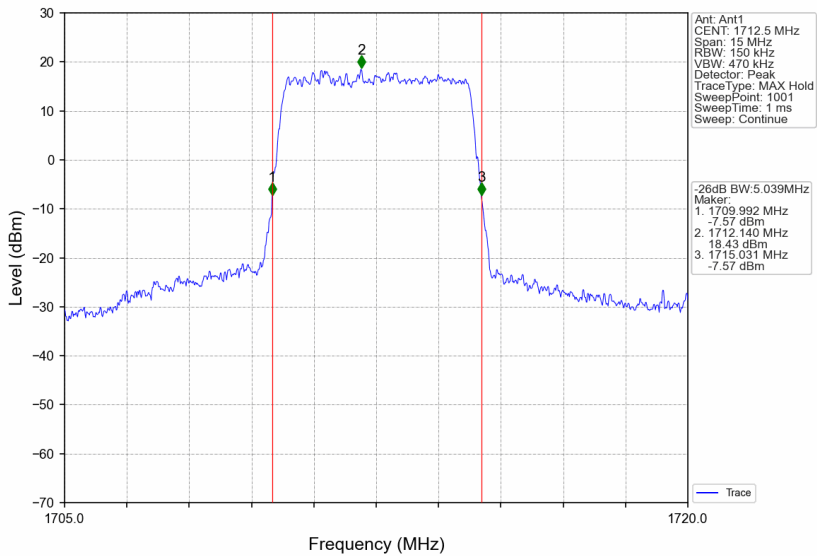
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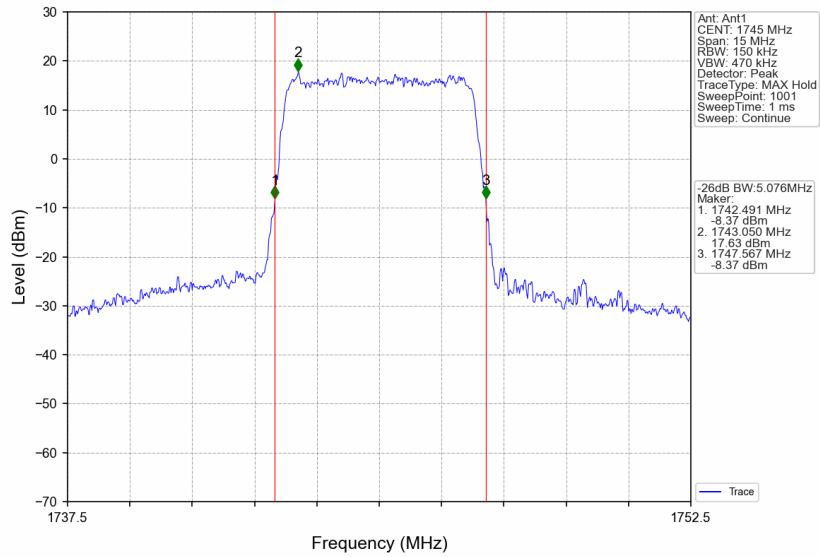
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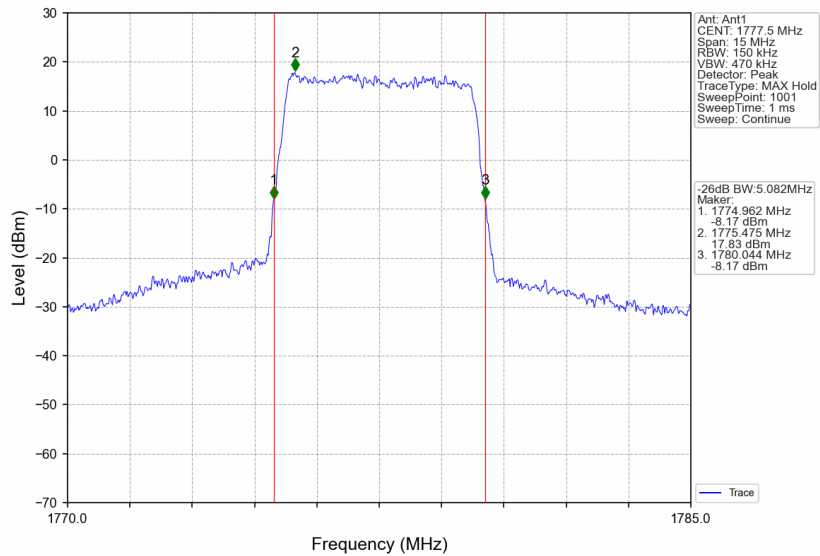
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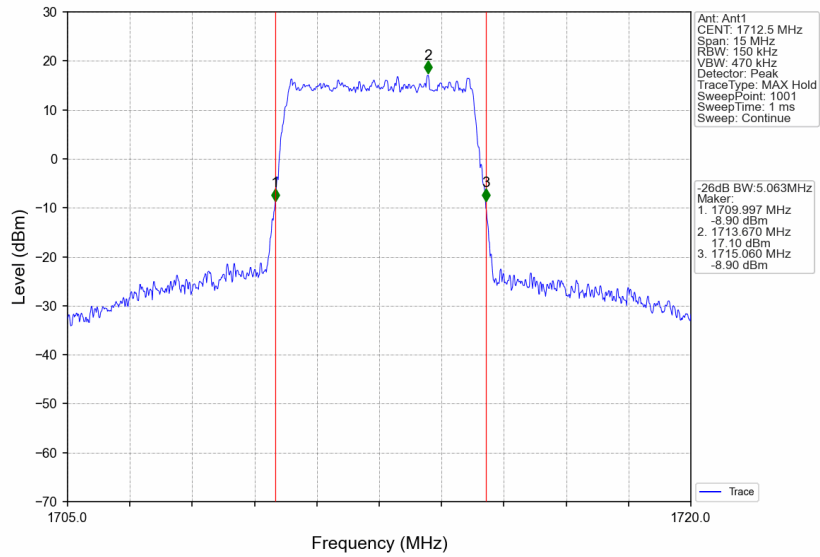


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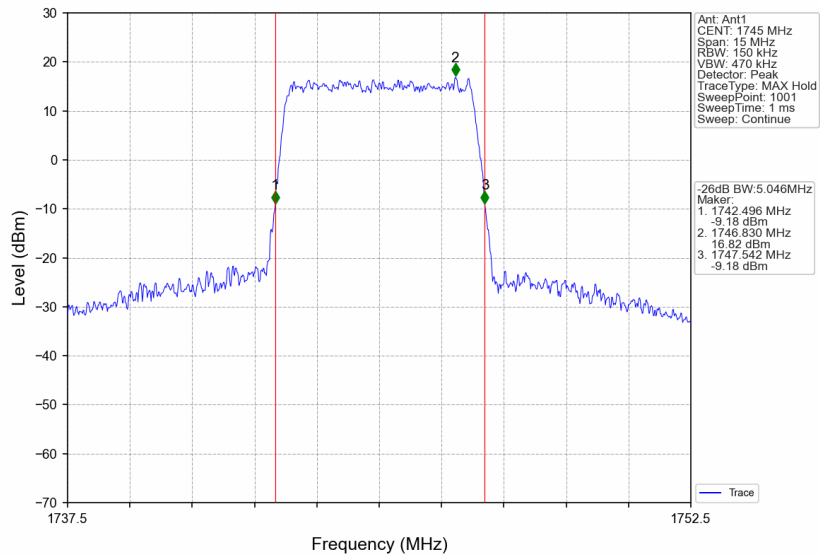
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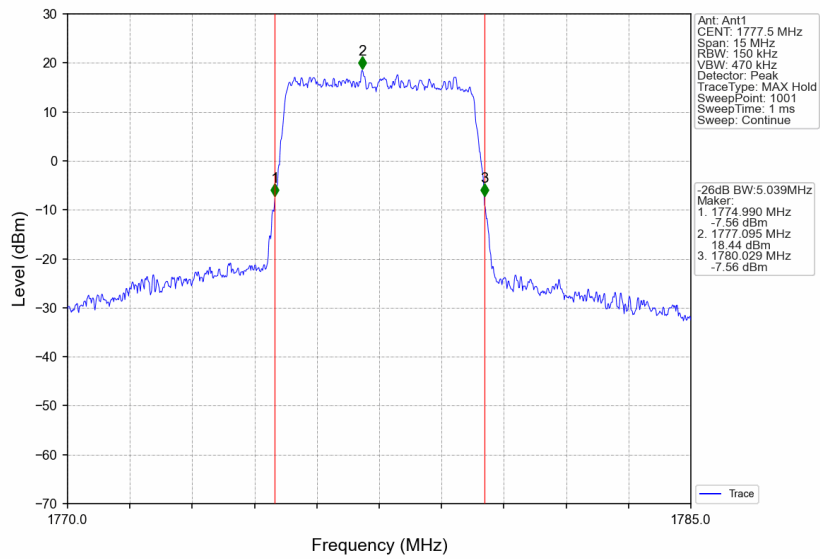


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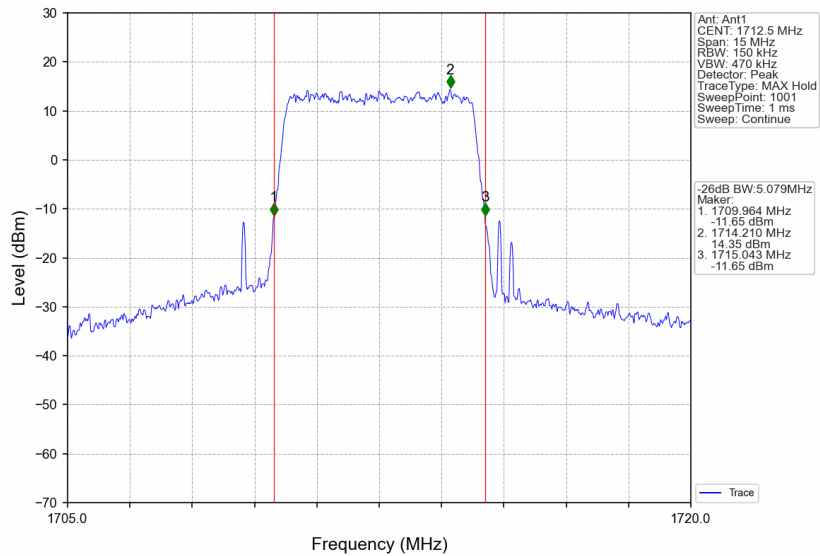
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Band66_5MHz_256QAM_LCH_1712.5MHz_RB_25_0_NTNV

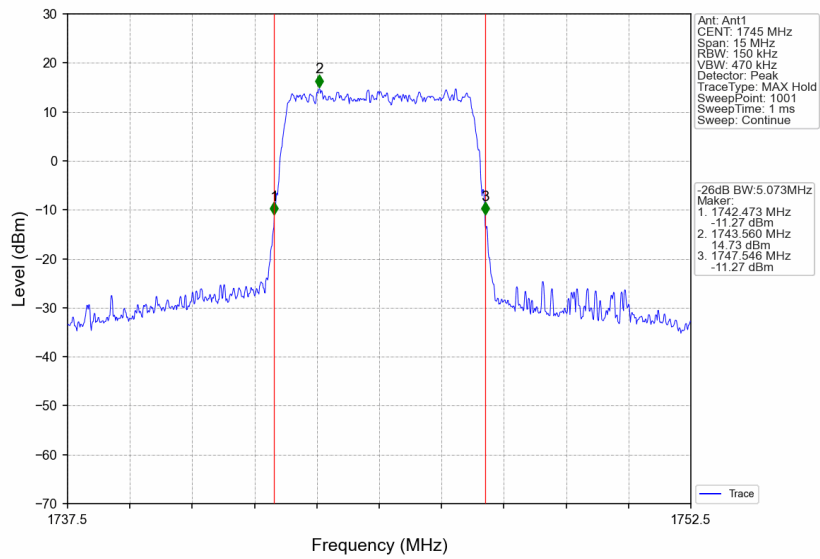


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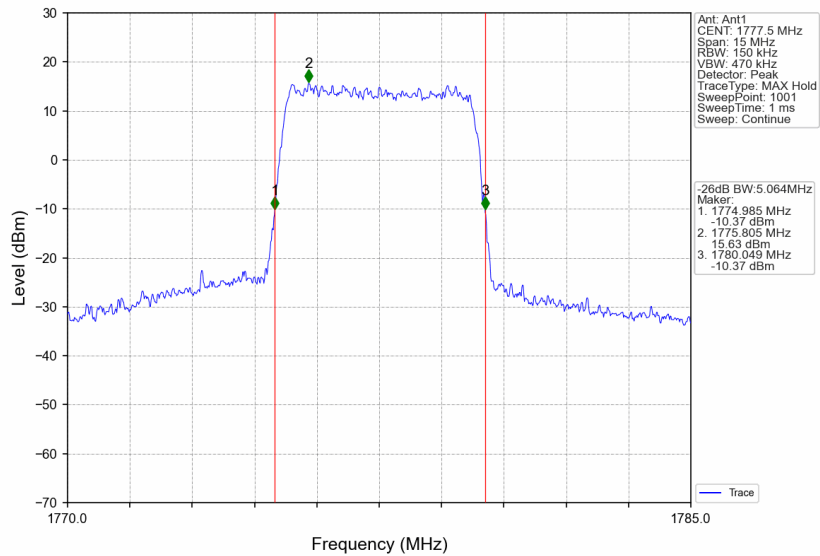
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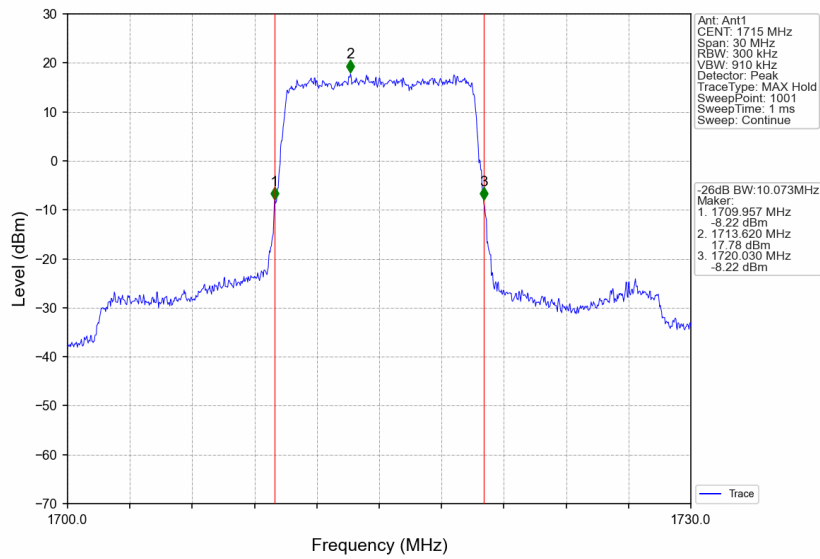


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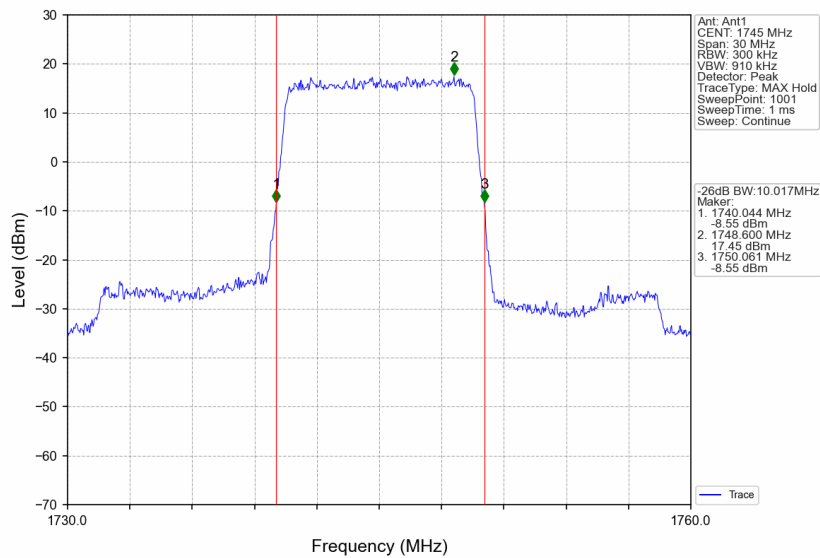
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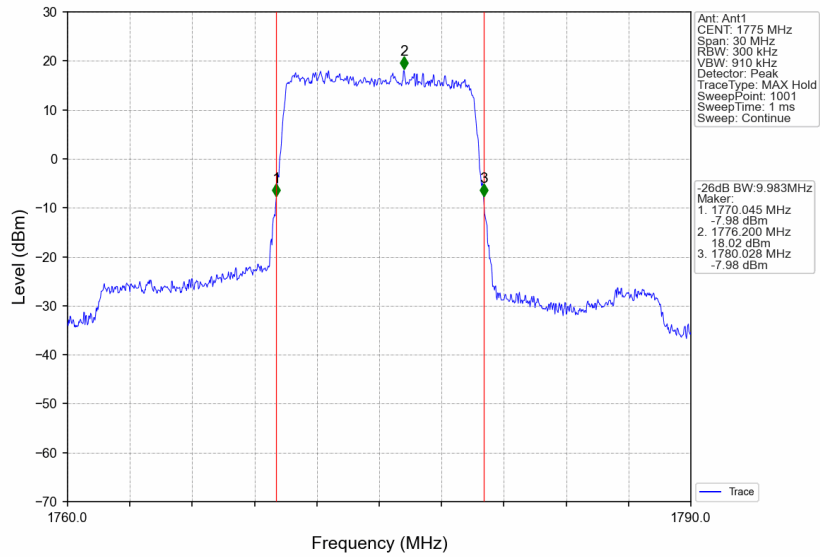
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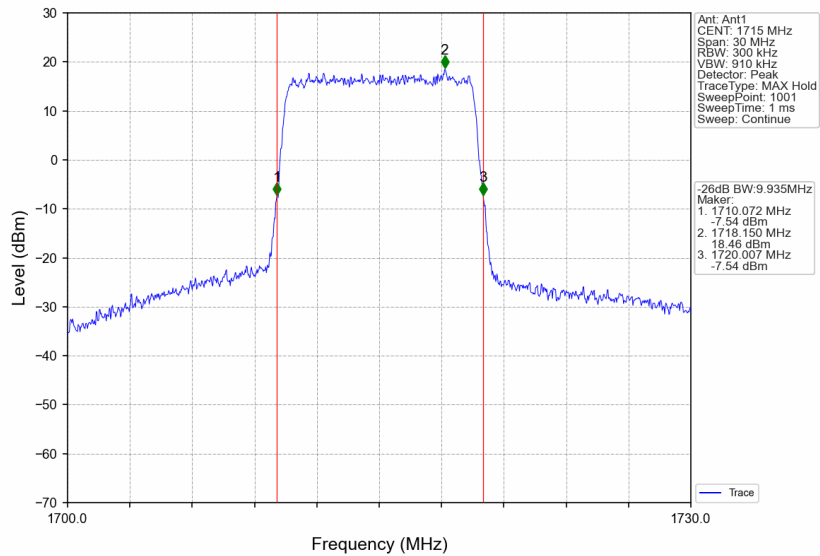
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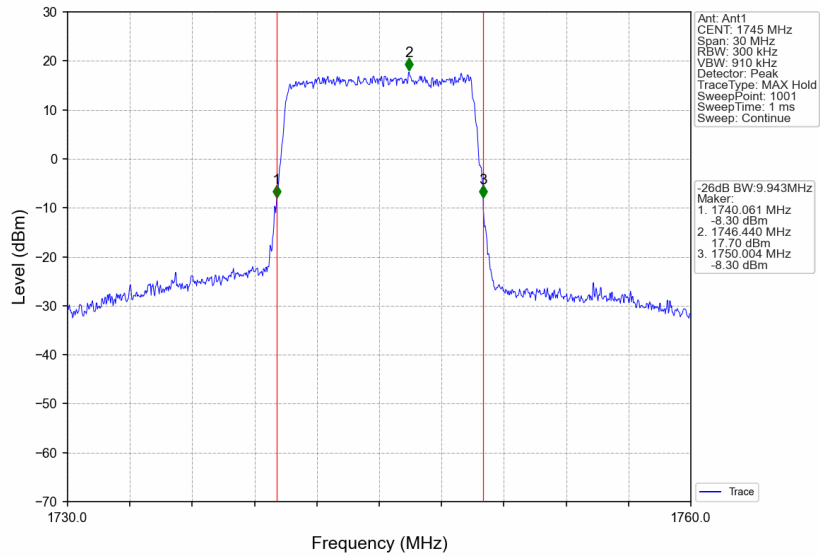
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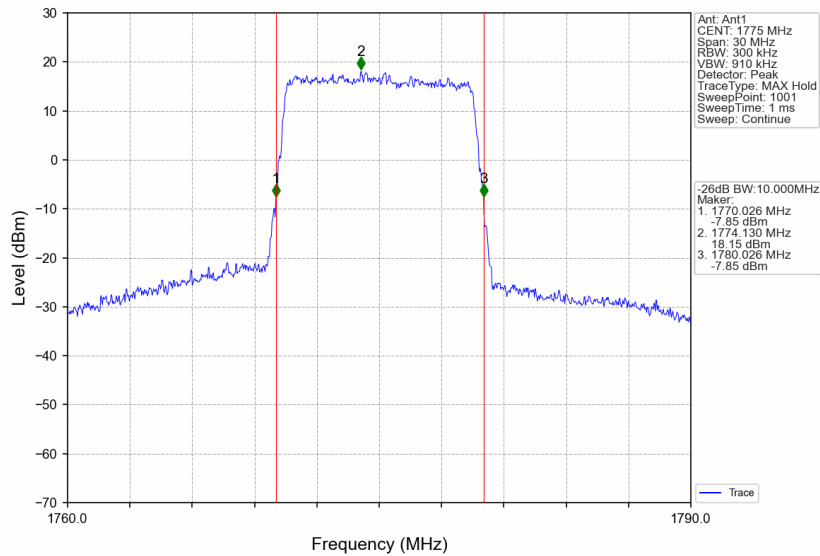
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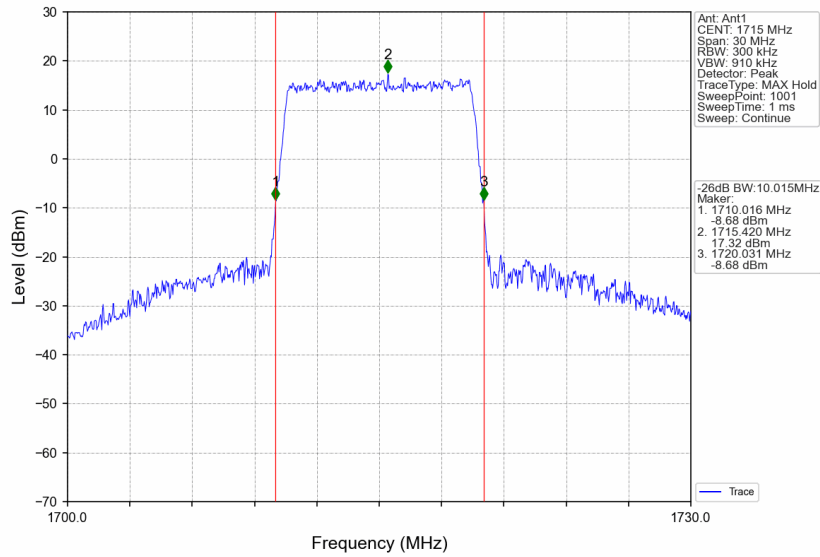


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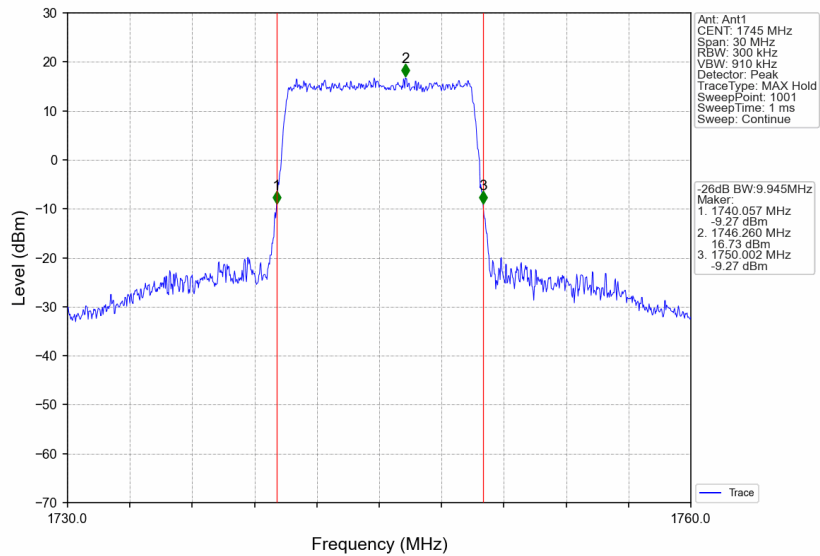
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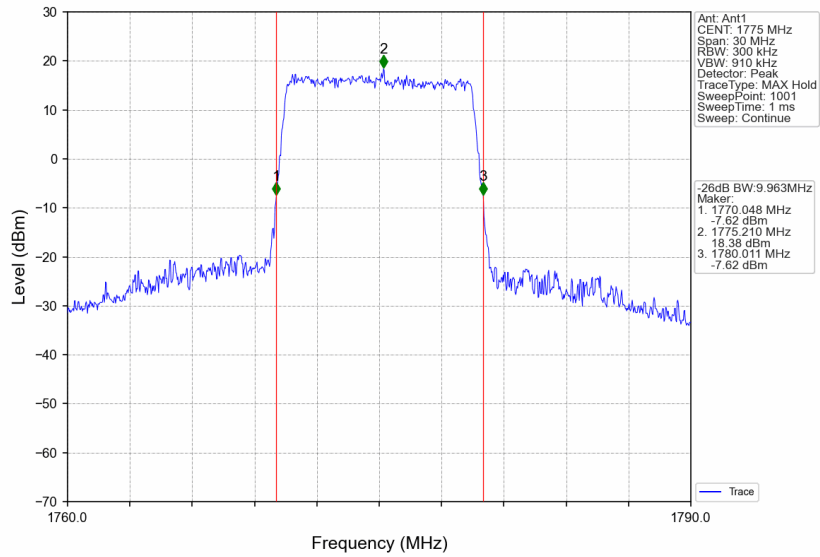
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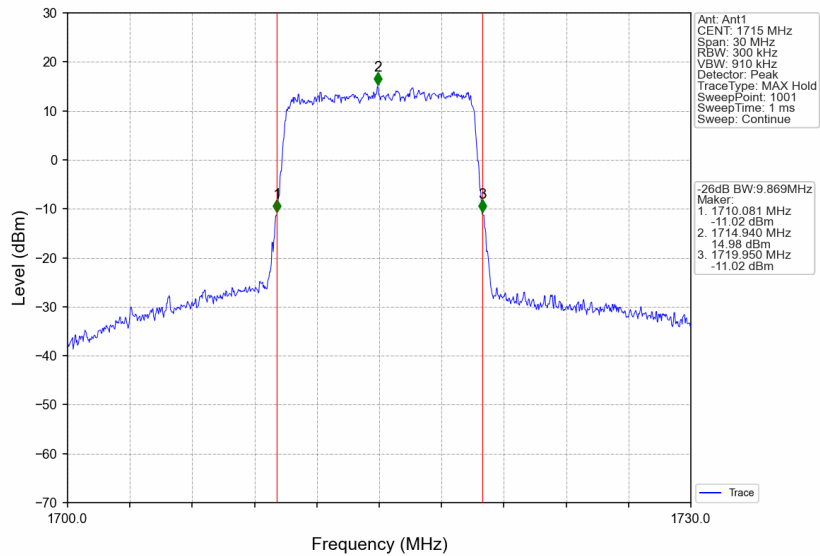
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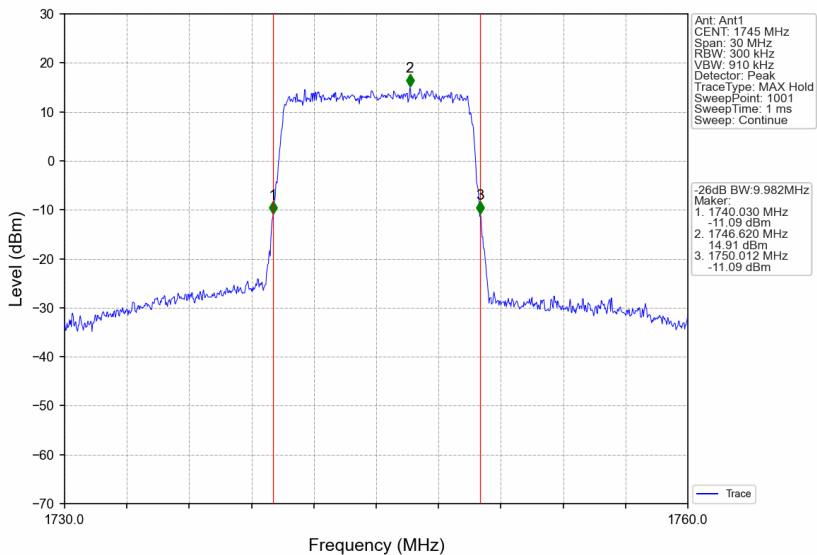
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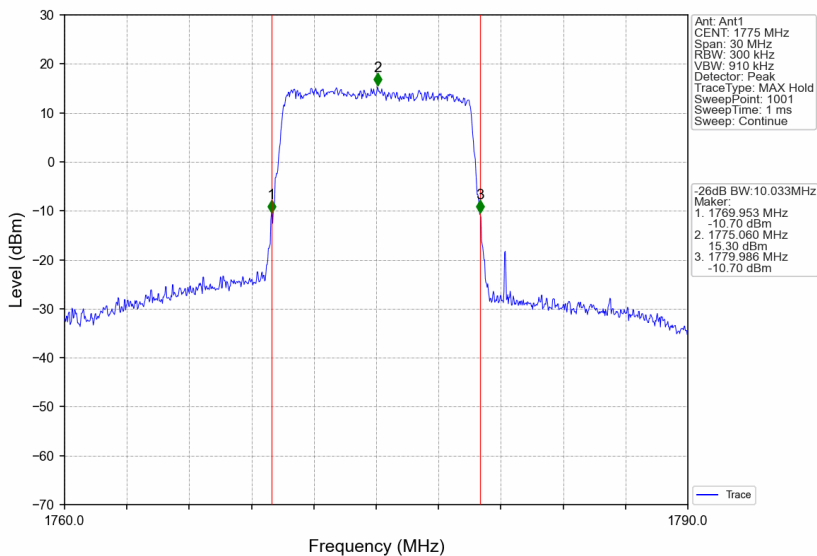
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Band66_10MHz_256QAM_MCH_1745MHz_RB_50_0_NTNV



Band66_10MHz_256QAM_HCH_1775MHz_RB_50_0_NTNV

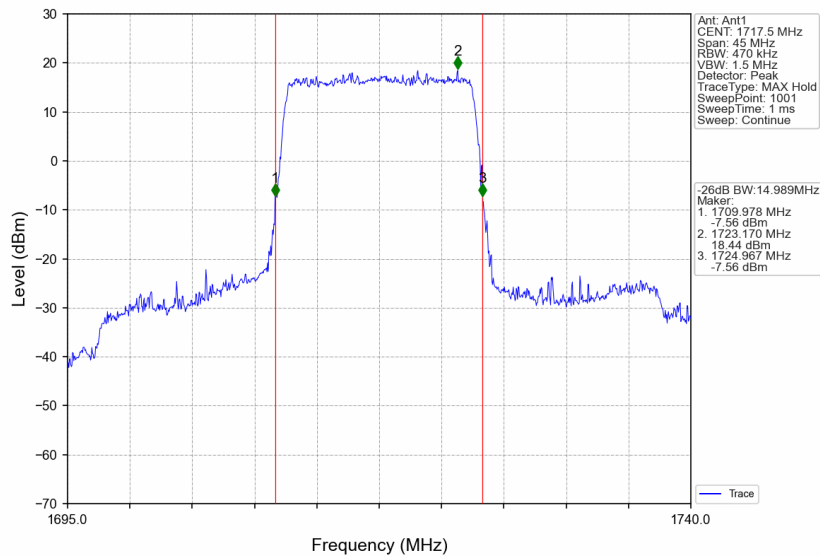


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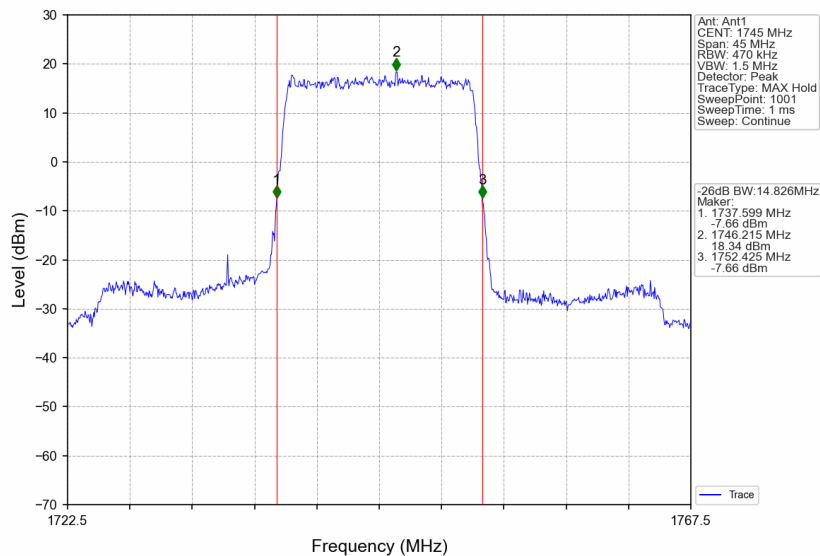
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Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV

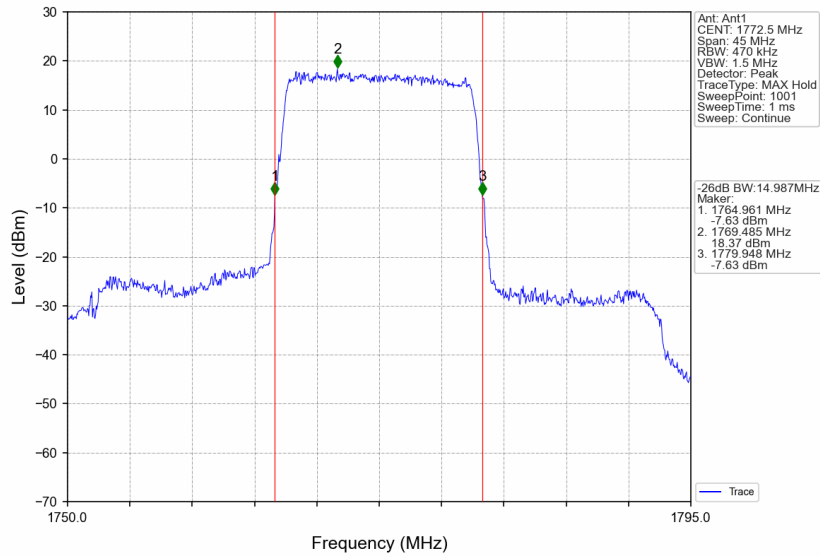


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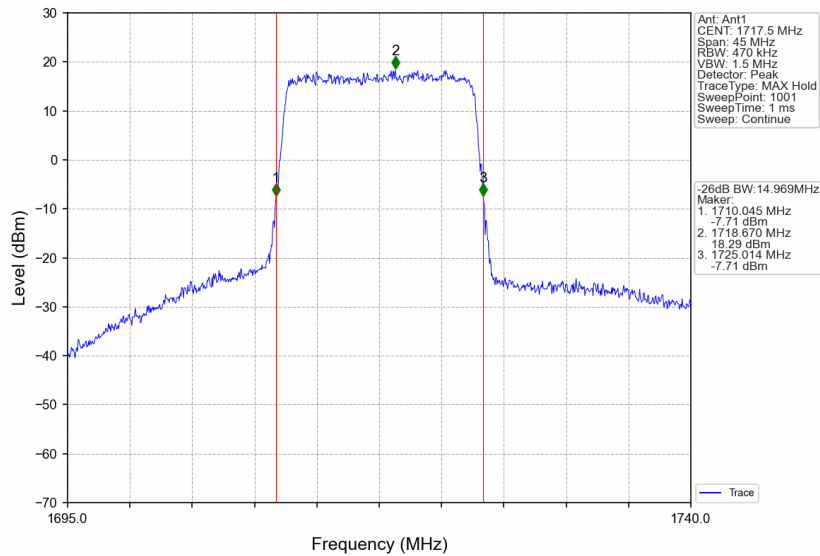
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Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

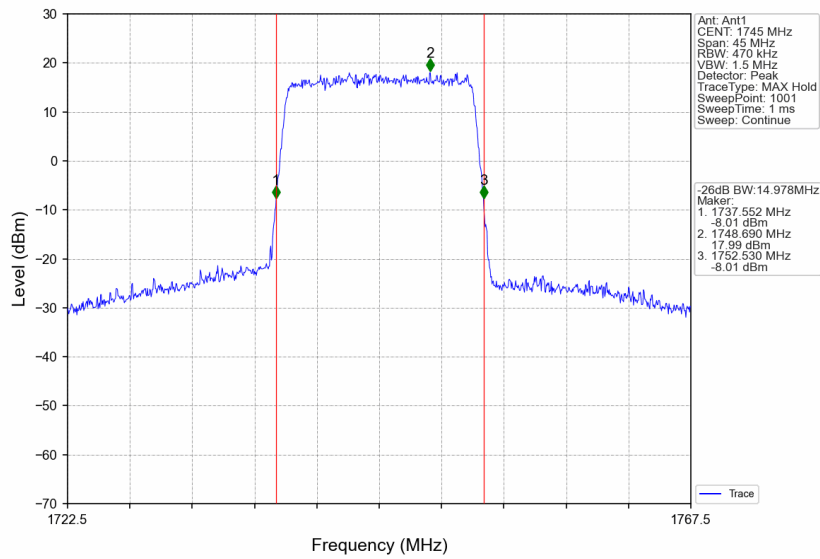


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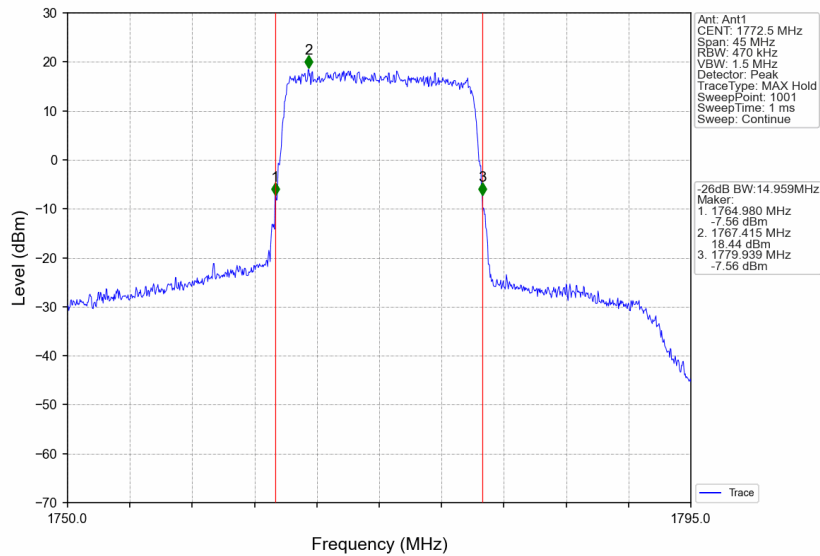
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Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



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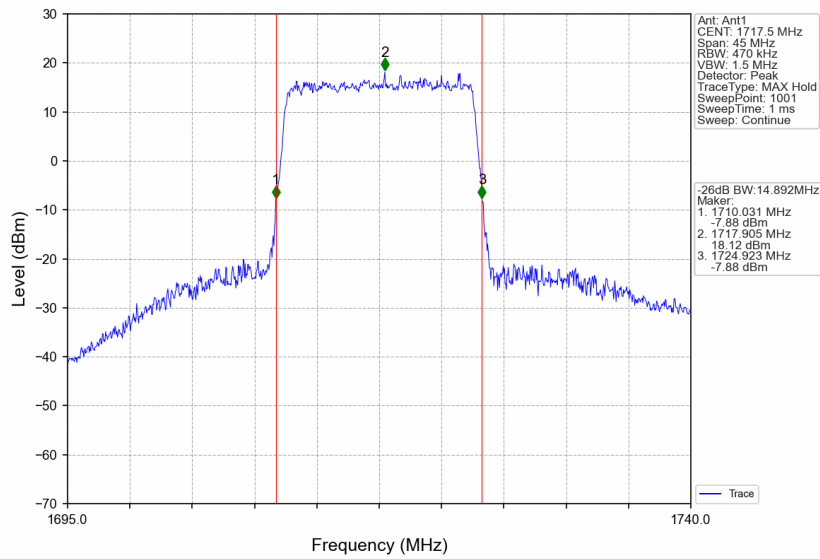
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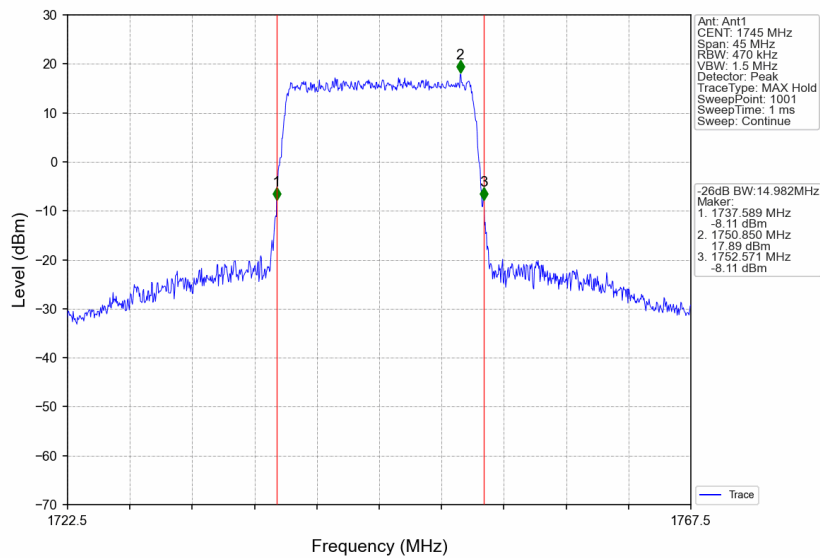
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Band66_15MHz_64QAM_MCH_1745MHz_RB_75_0_NTNV

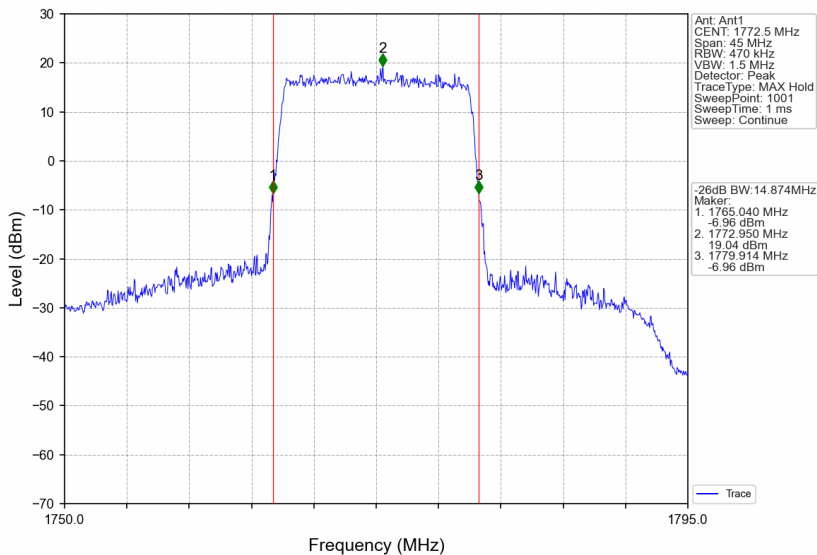


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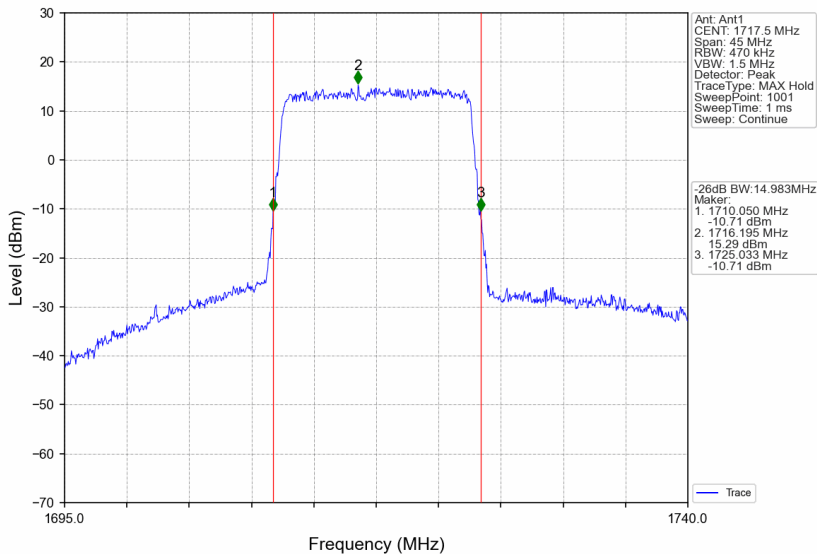
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Band66_15MHz_64QAM_HCH_1772.5MHz_RB_75_0_NTNV



Band66_15MHz_256QAM_LCH_1717.5MHz_RB_75_0_NTNV

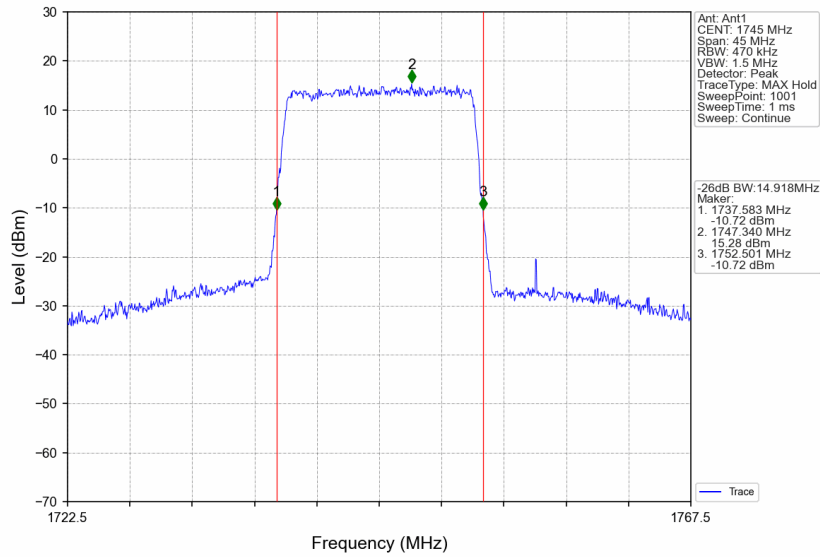


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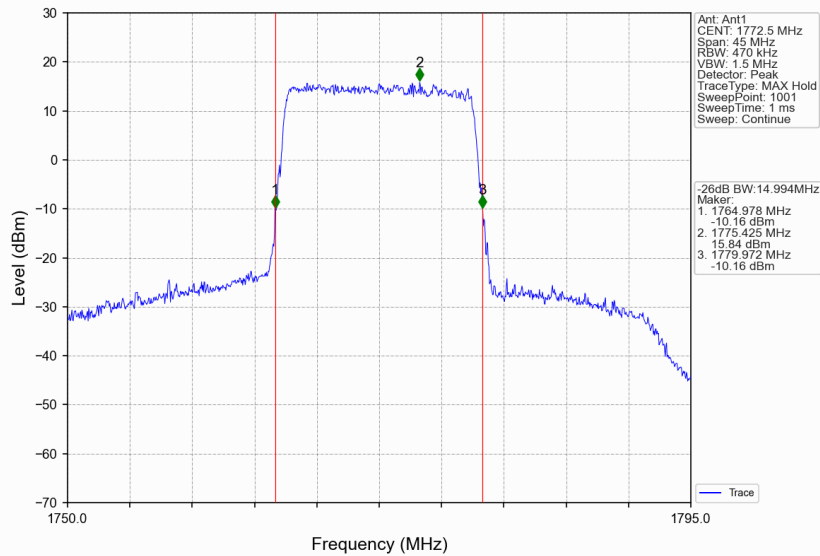
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Band66_15MHz_256QAM_MCH_1745MHz_RB_75_0_NTNV



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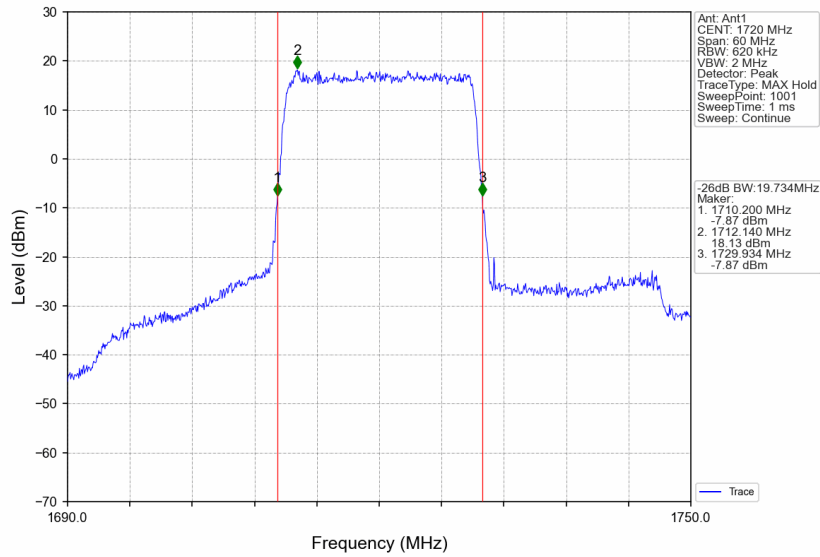


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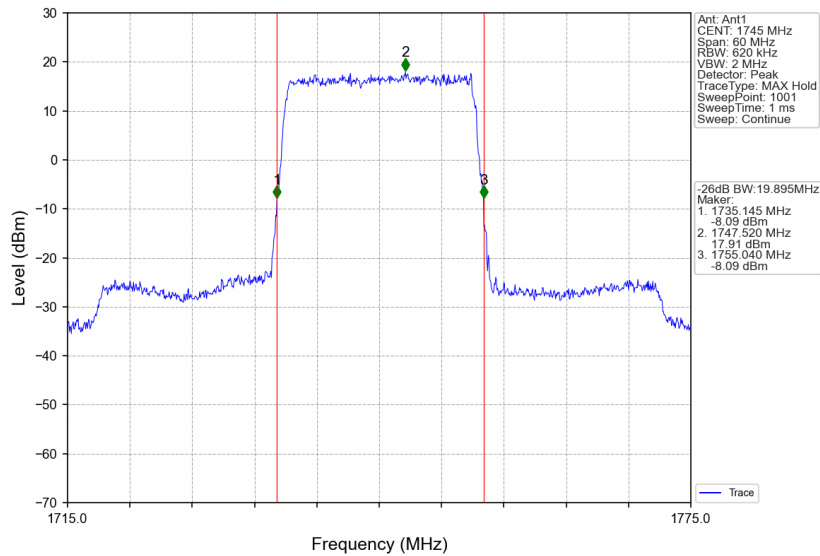
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Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV

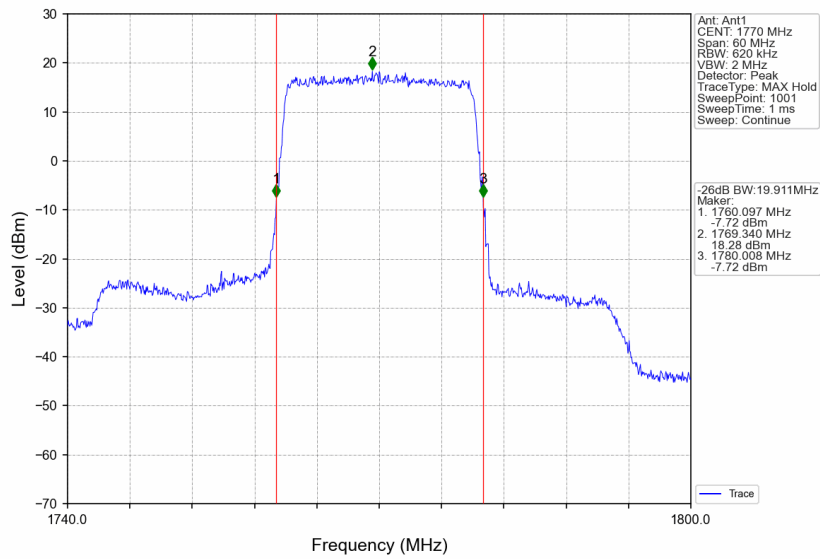


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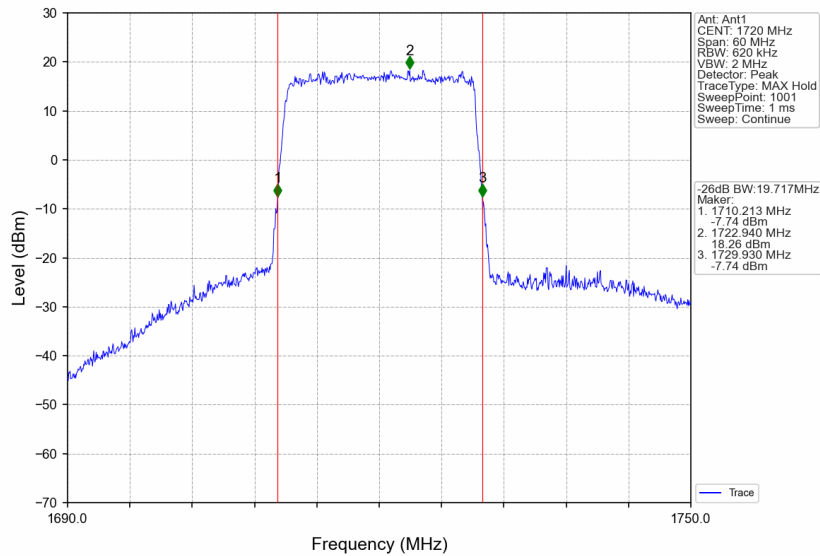
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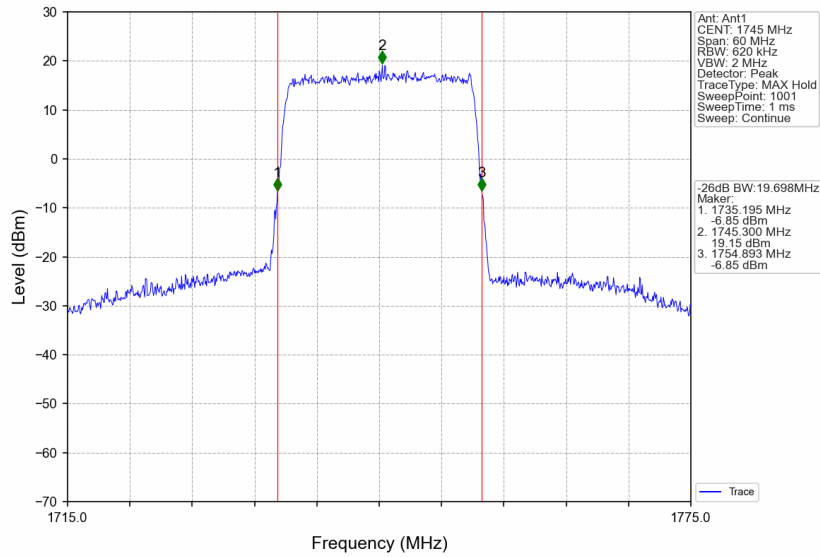


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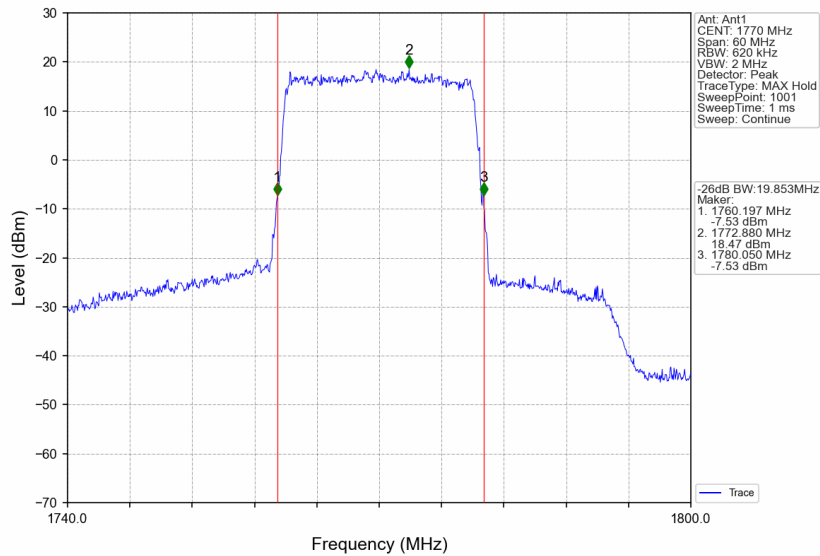
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Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



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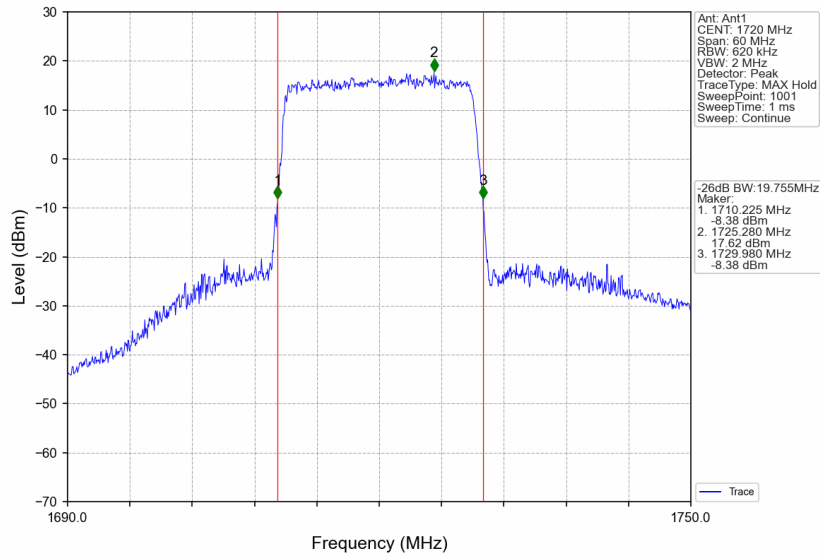
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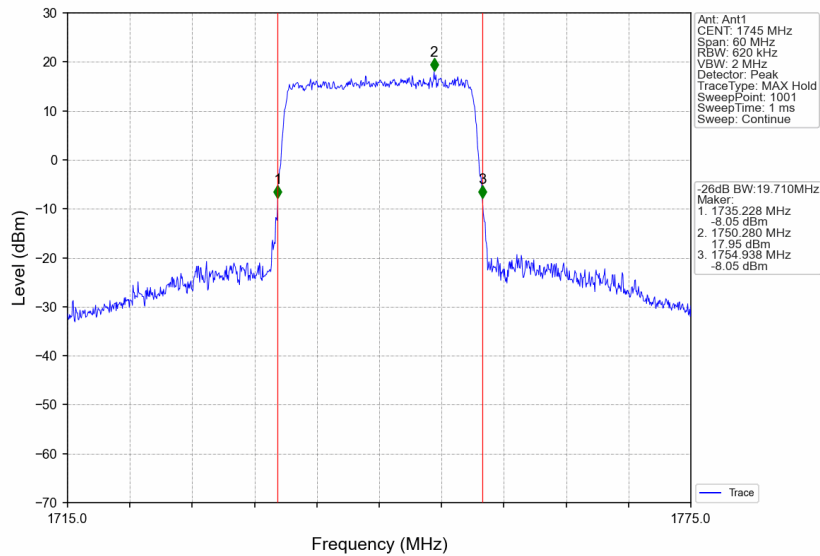
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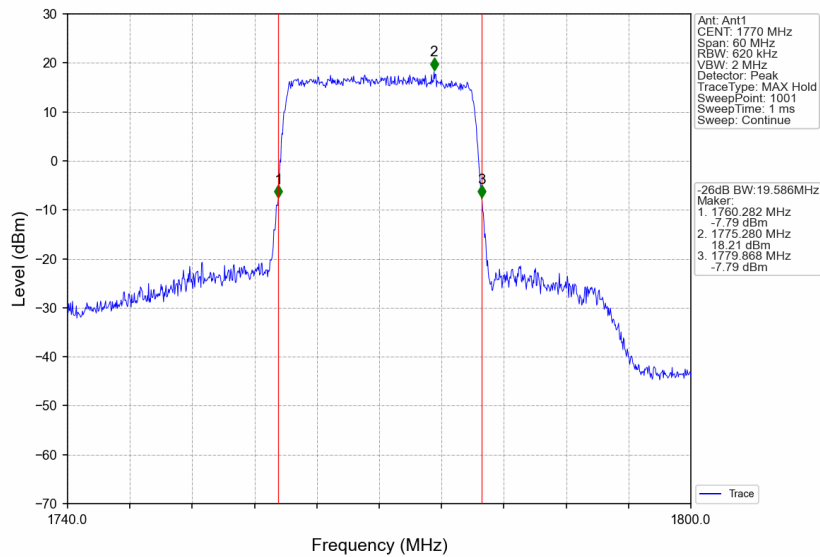


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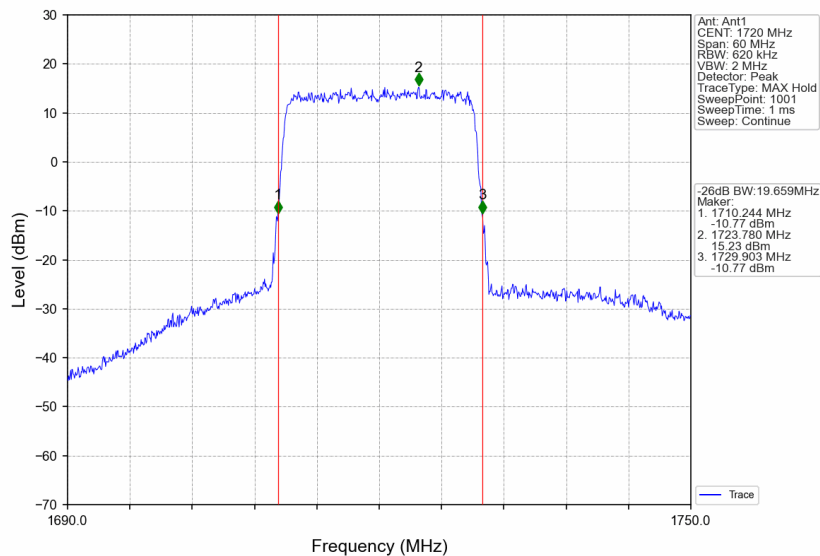
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Band66_20MHz_64QAM_HCH_1770MHz_RB_100_0_NTNV



Band66_20MHz_256QAM_LCH_1720MHz_RB_100_0_NTNV

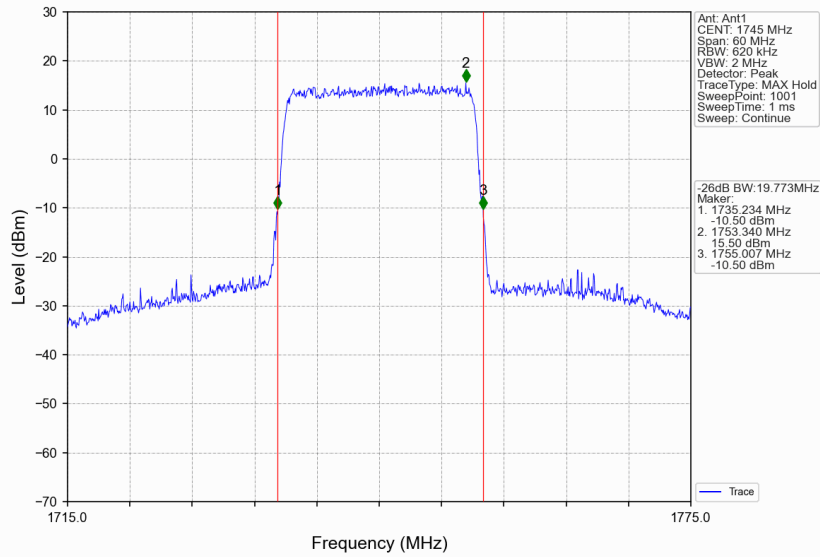


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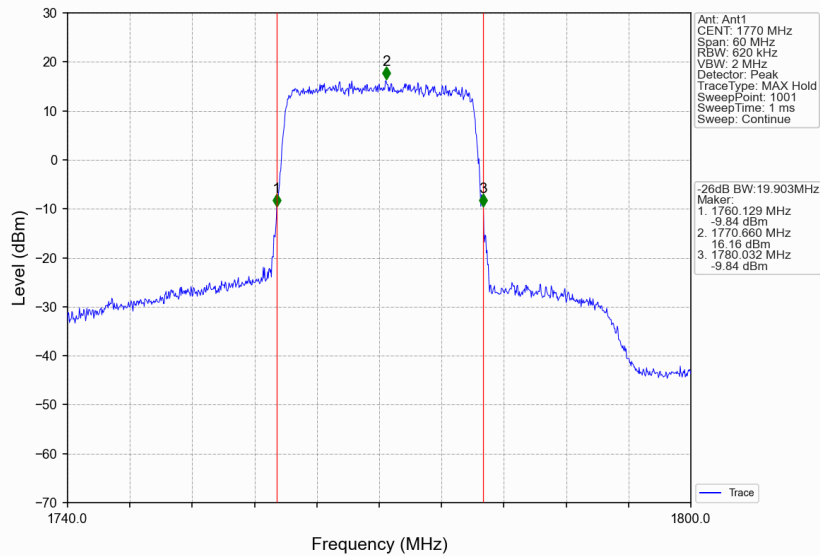
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Band66_20MHz_256QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_256QAM_HCH_1770MHz_RB_100_0_NTNV



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4. Peak-Average Ratio

4.1 B66_1.4MHz

4.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	6.06	<=13	Pass
	1745	6	0	5.98	<=13	Pass
	1779.3	6	0	6.08	<=13	Pass
16QAM	1710.7	6	0	6.68	<=13	Pass
	1745	6	0	6.51	<=13	Pass
	1779.3	6	0	6.81	<=13	Pass
64QAM	1710.7	6	0	6.59	<=13	Pass
	1745	6	0	6.16	<=13	Pass
	1779.3	6	0	6.81	<=13	Pass
256QAM	1710.7	6	0	7.00	<=13	Pass
	1745	6	0	6.74	<=13	Pass
	1779.3	6	0	7.13	<=13	Pass



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