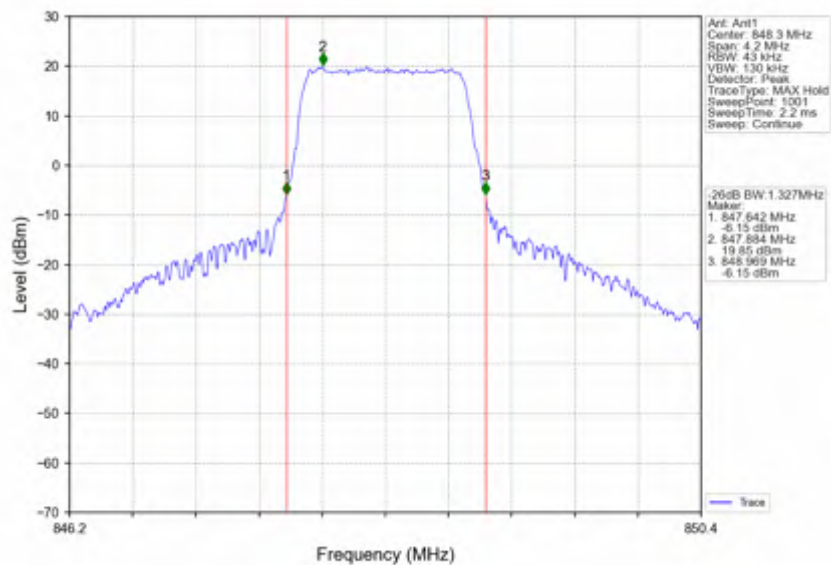
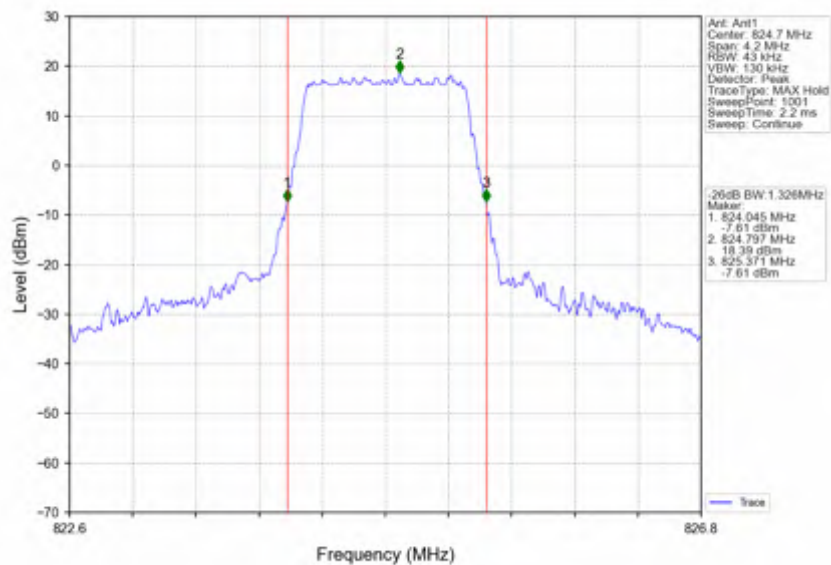


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



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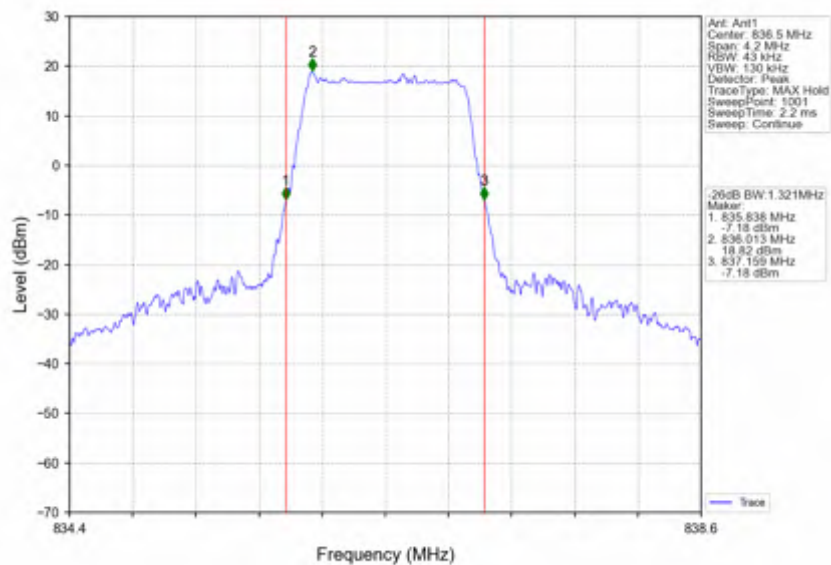
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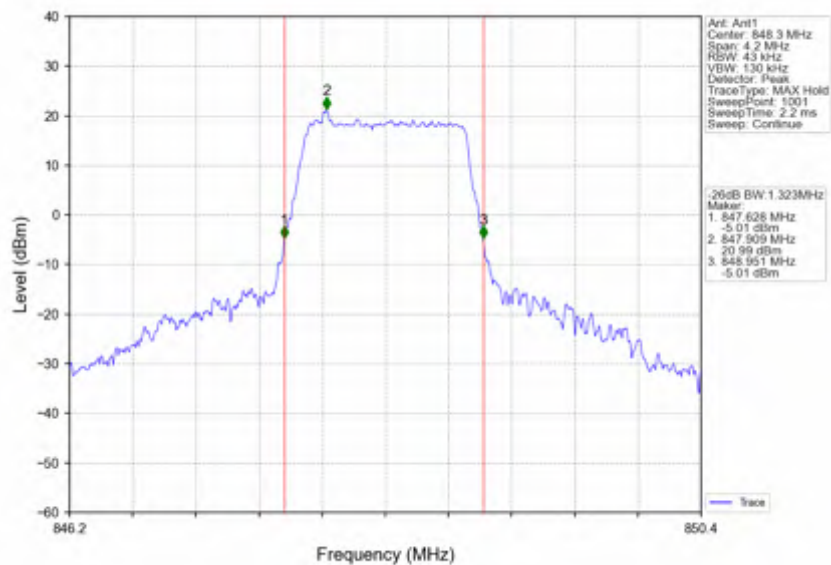
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Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



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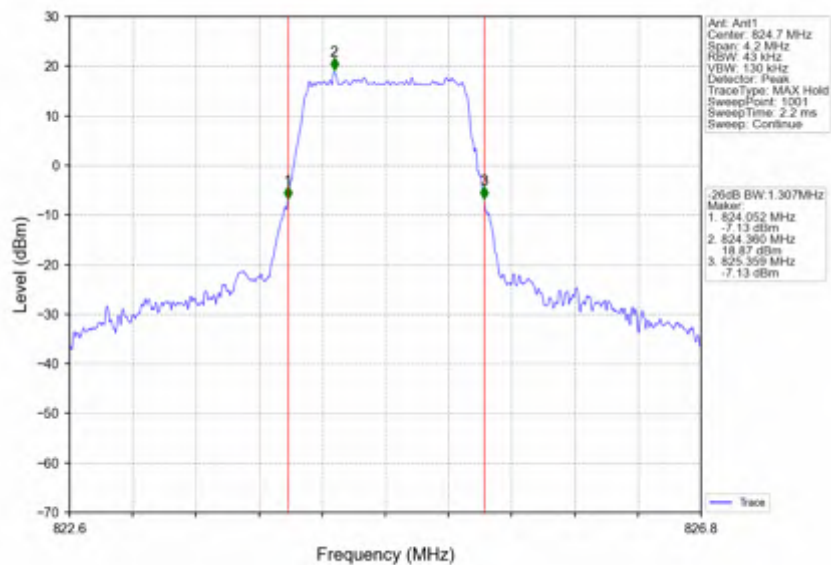
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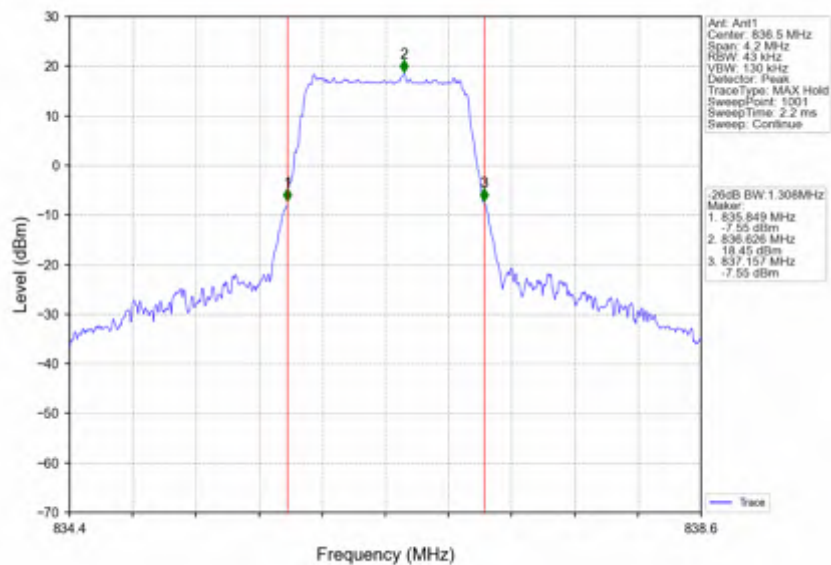
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Band5_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



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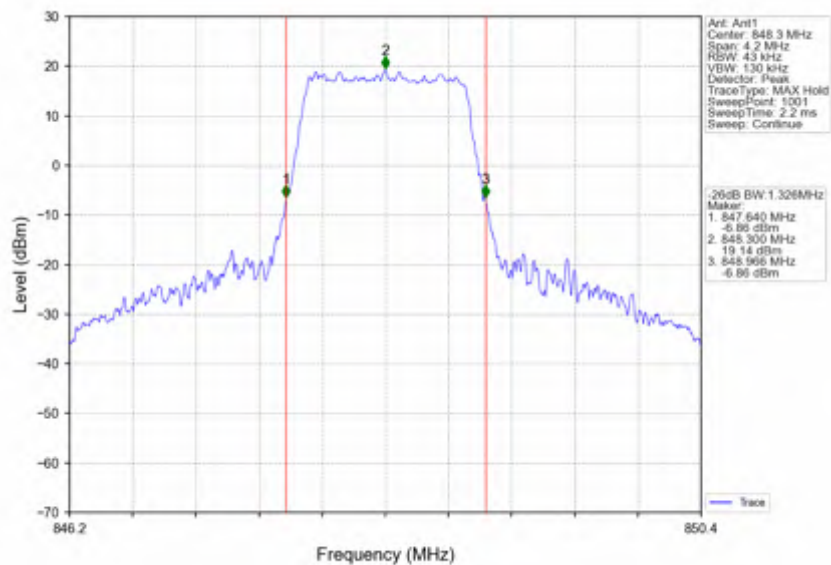
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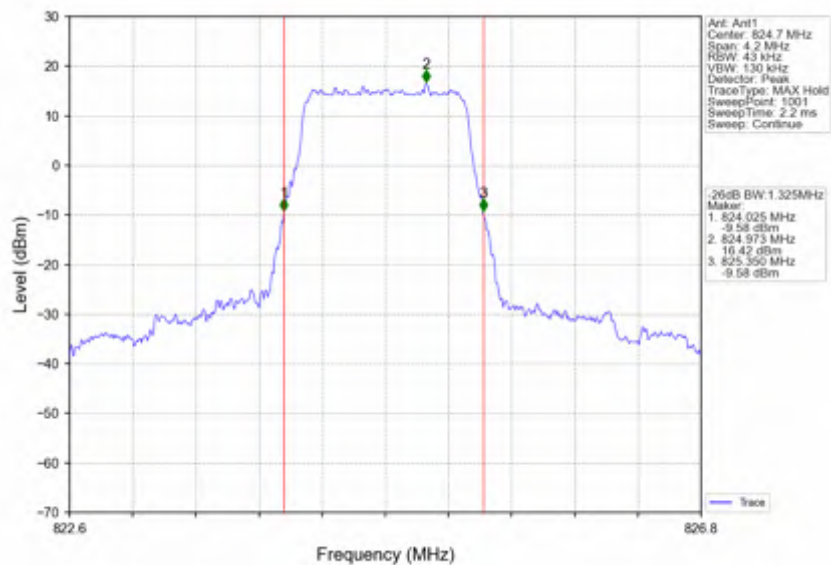
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Band5_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



Band5_1.4MHz_256QAM_LCH_824.7MHz_RB_6_0_NTNV



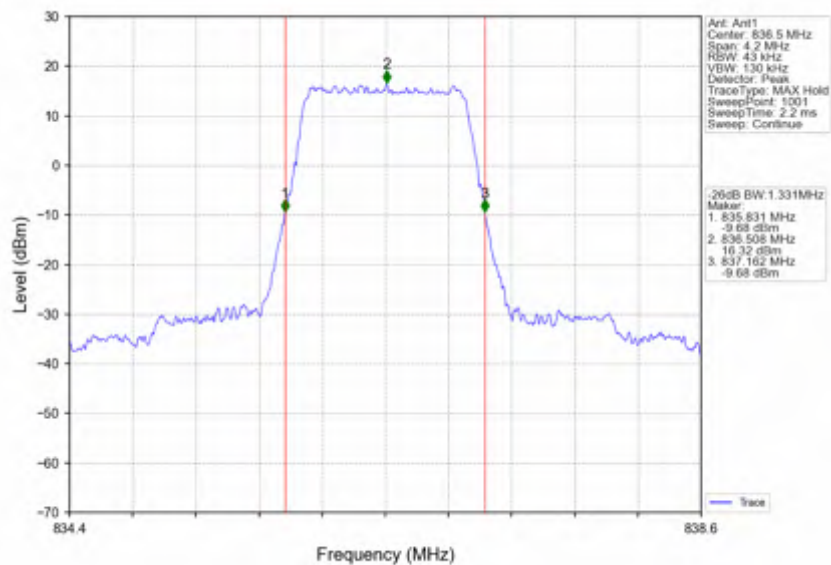
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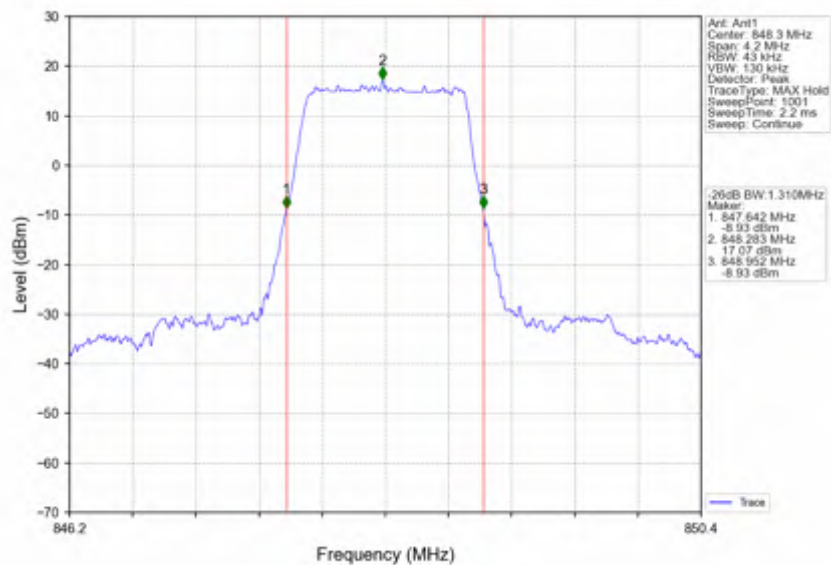
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Band5_1.4MHz_256QAM_MCH_836.5MHz_RB_6_0_NTNV



Band5_1.4MHz_256QAM_HCH_848.3MHz_RB_6_0_NTNV



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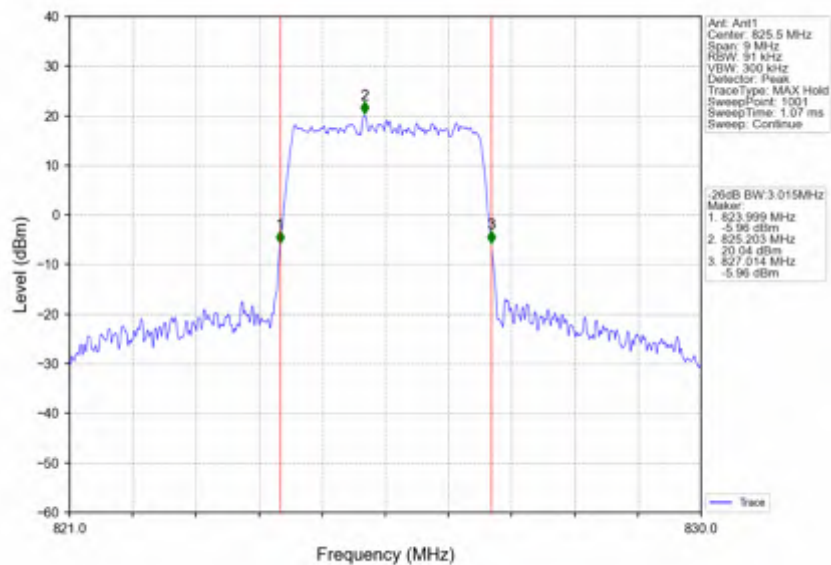
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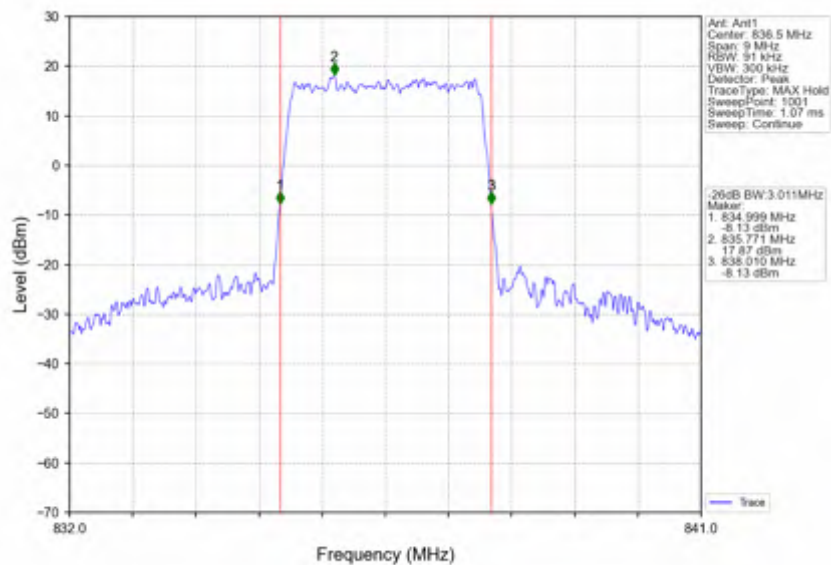
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Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



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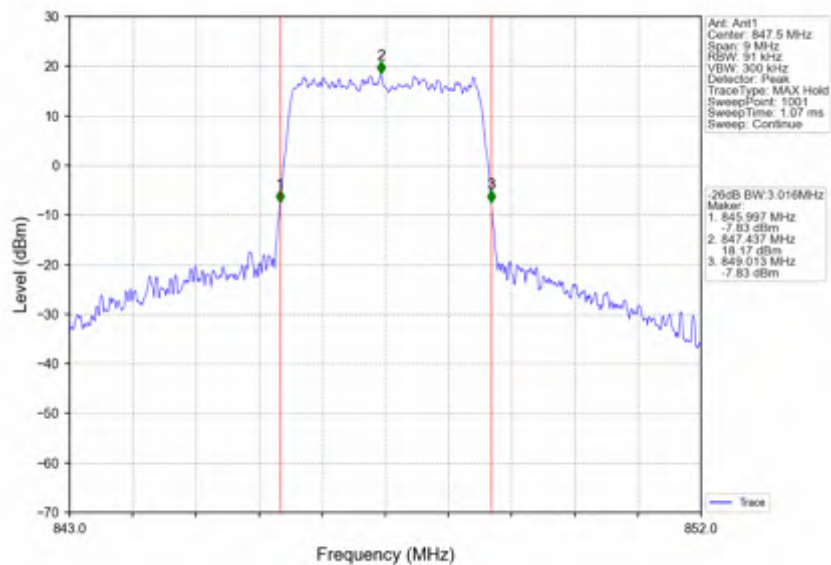
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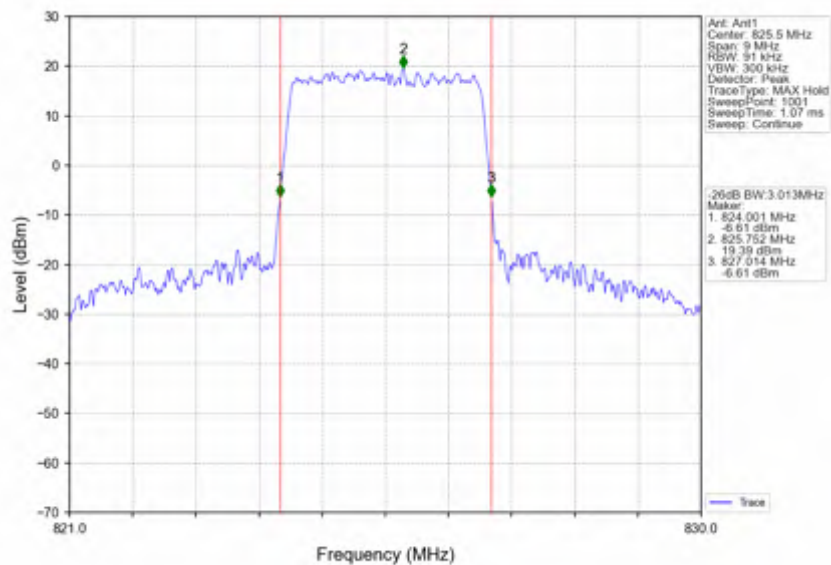
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Band5 3MHz QPSK HCH 847.5MHz RB 15 0 NTNV



Band5 3MHz 16QAM LCH 825.5MHz RB 15 0 NTNV



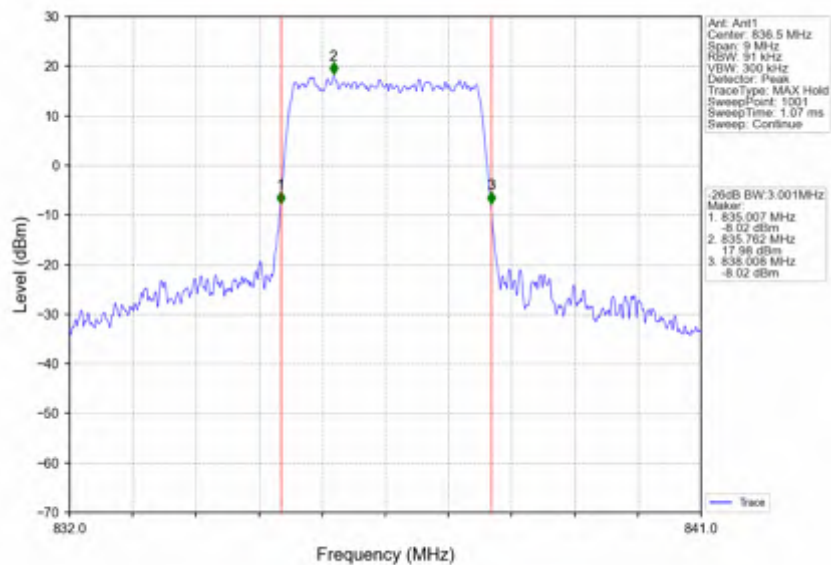
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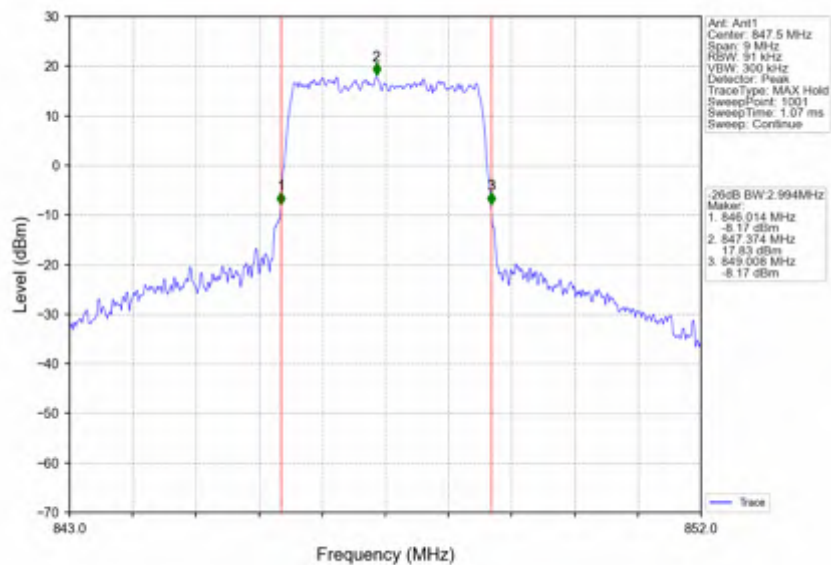
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Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



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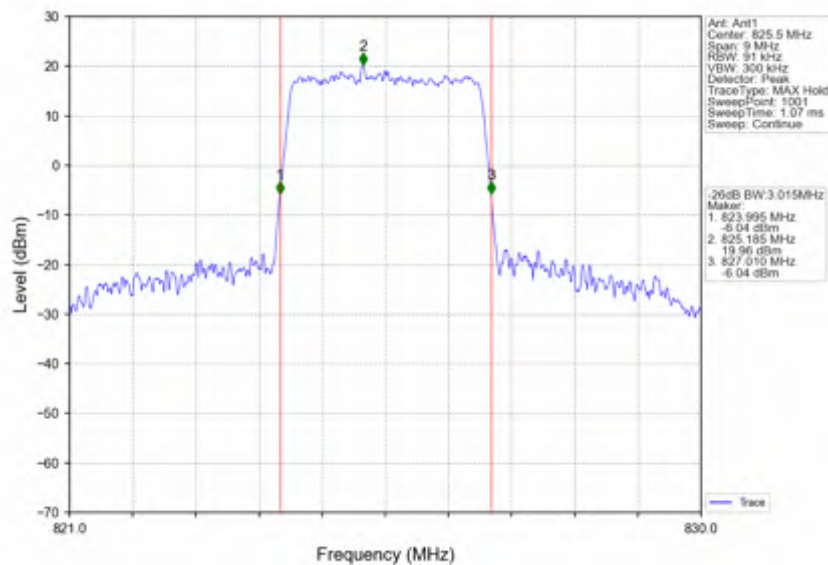
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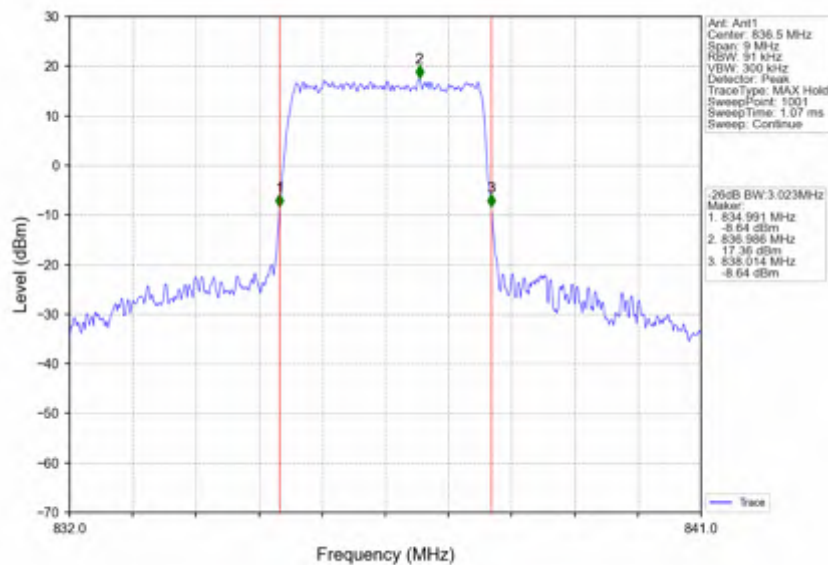
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Band5_3MHz_64QAM_LCH_825.5MHz_RB_15_0_NTNV



Band5_3MHz_64QAM_MCH_836.5MHz_RB_15_0_NTNV



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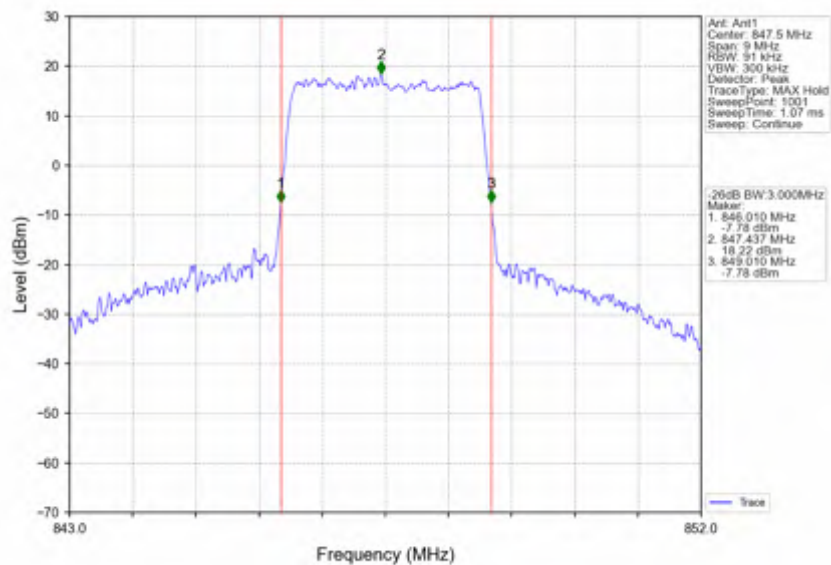
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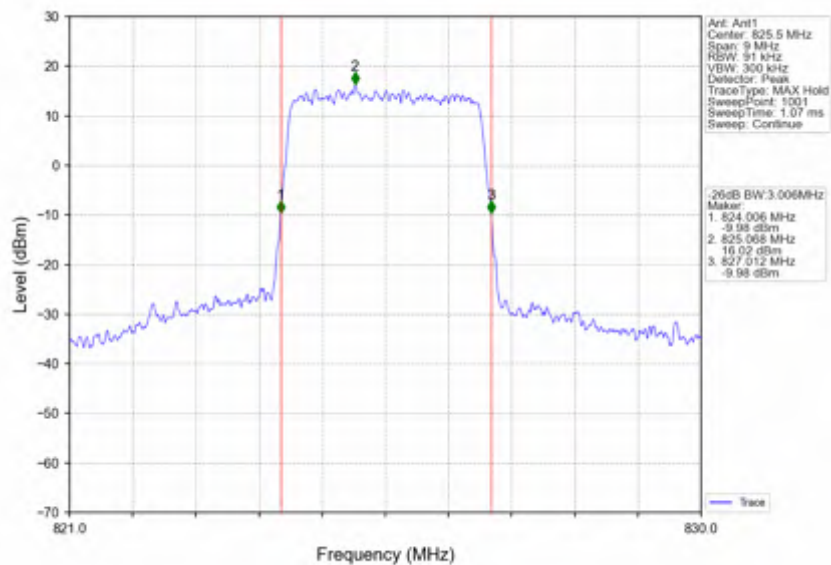
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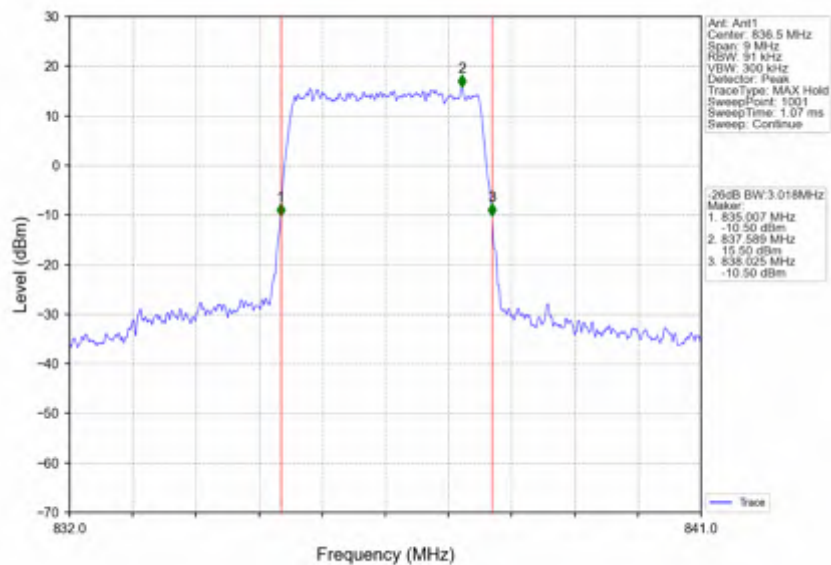
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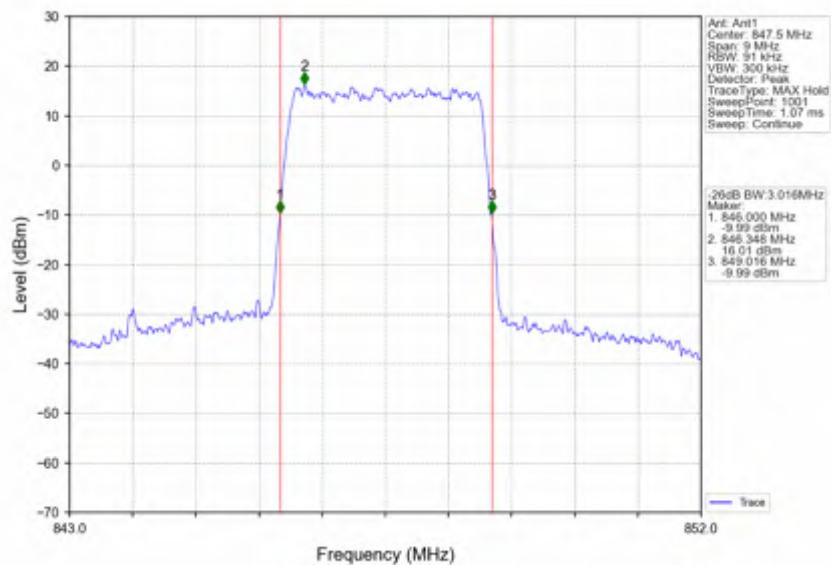
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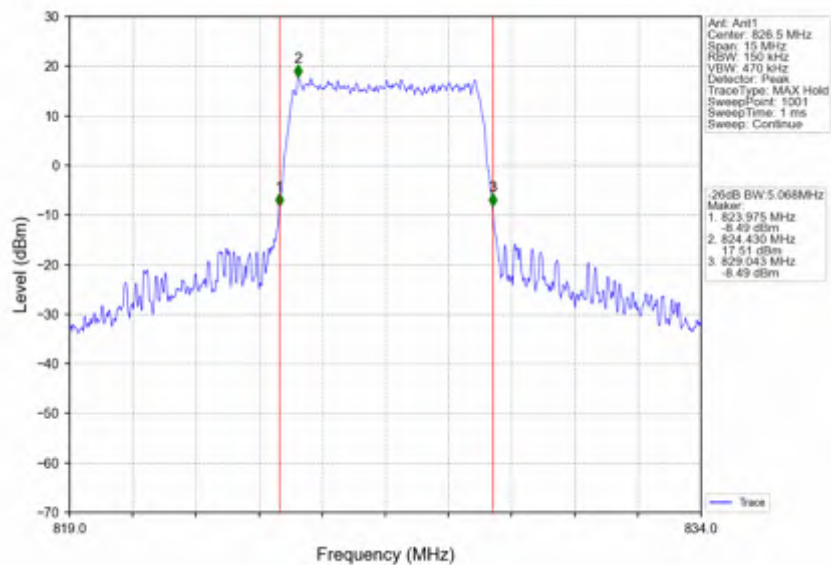
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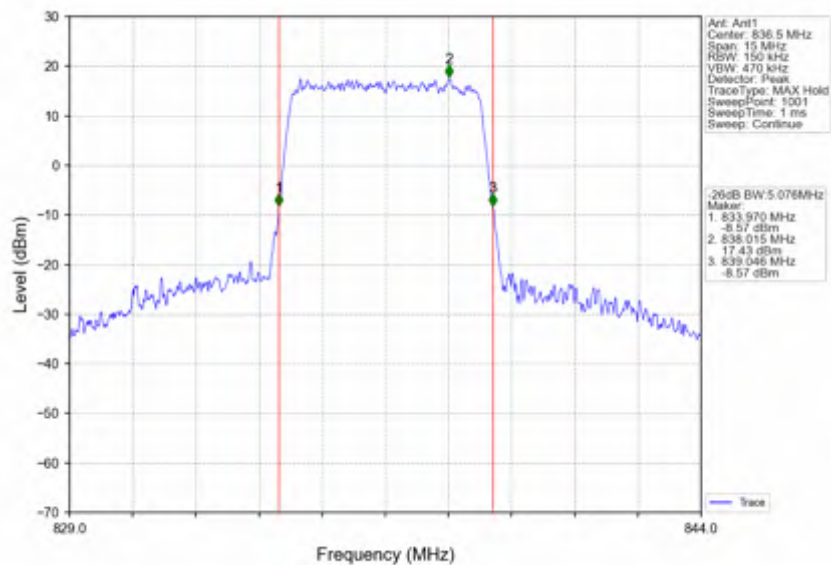
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Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



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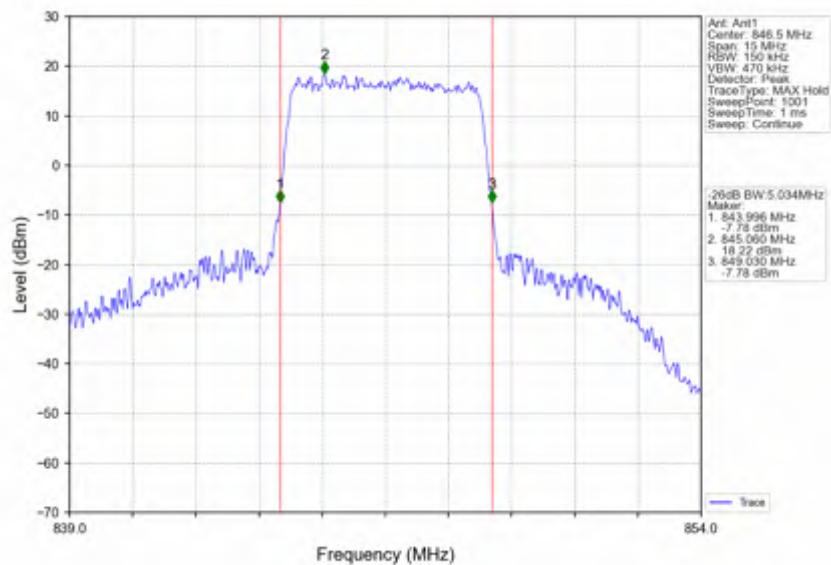
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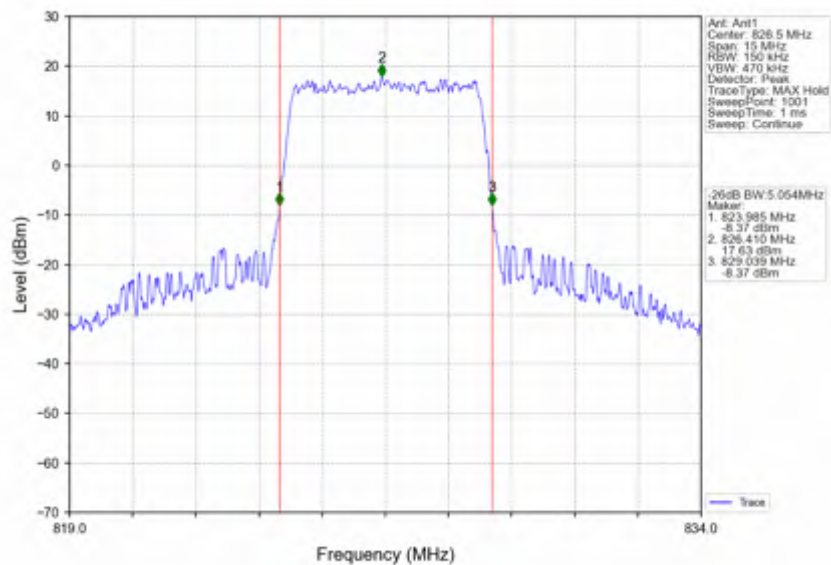
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Band5 5MHz 16QAM LCH 826.5MHz RB 25 0 NTNV

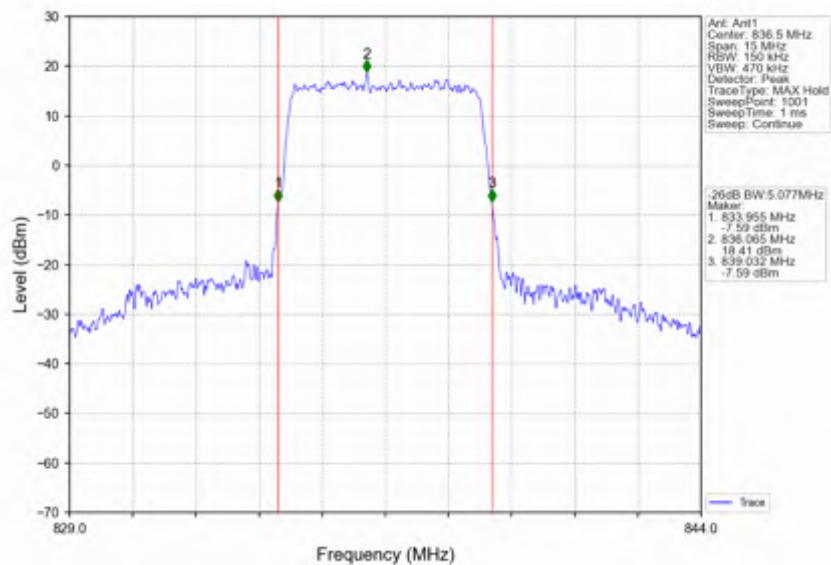


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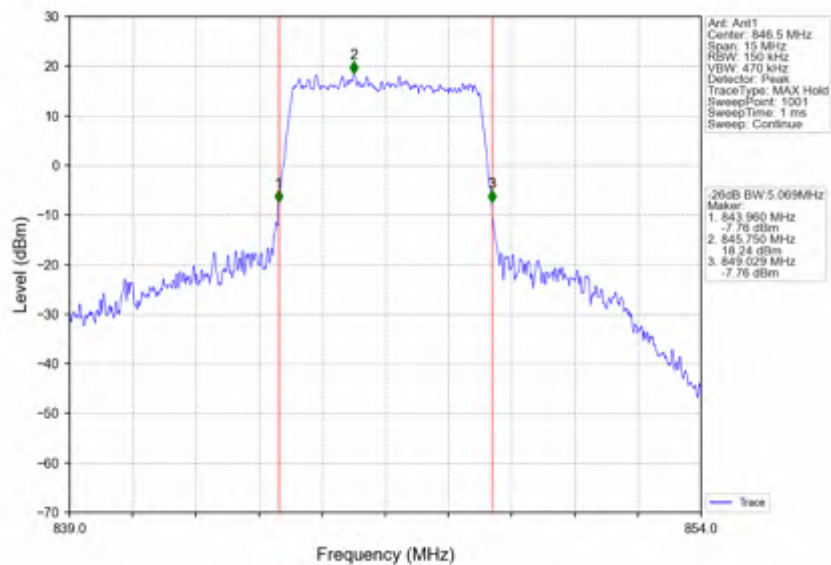
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Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



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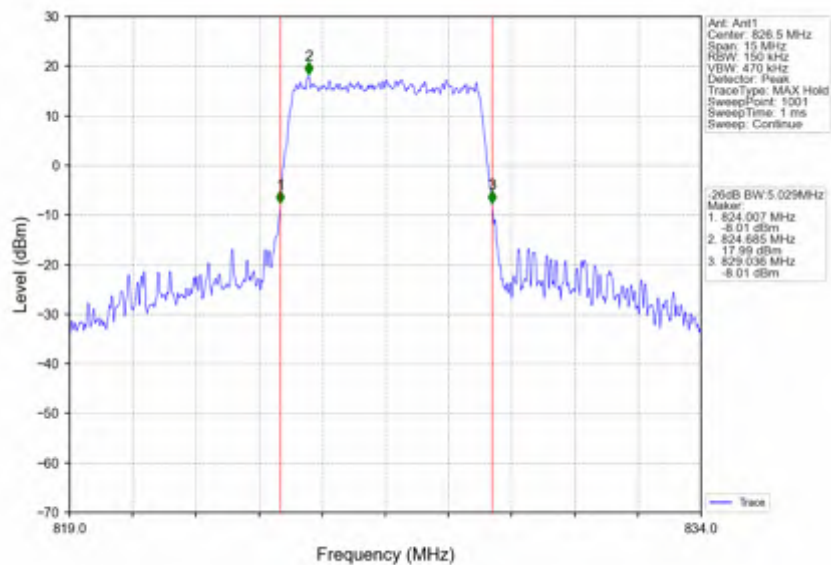
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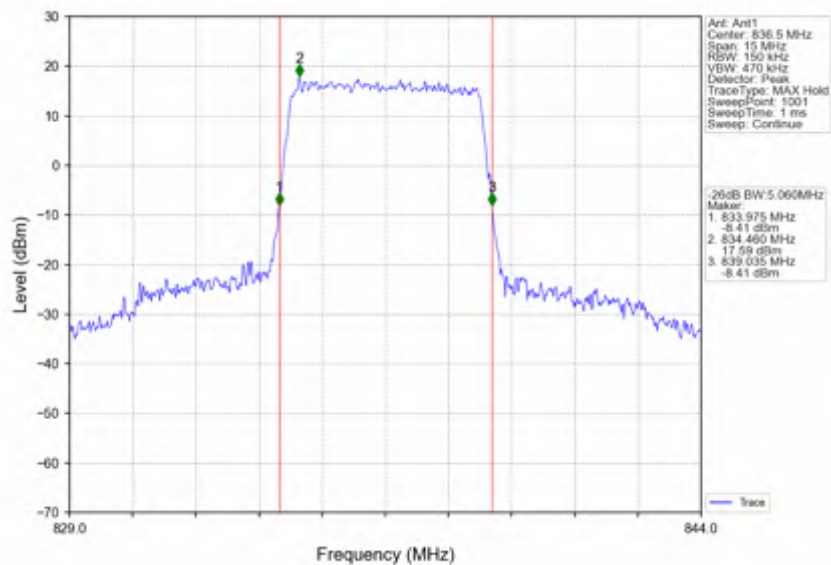
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Band5_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



Band5_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



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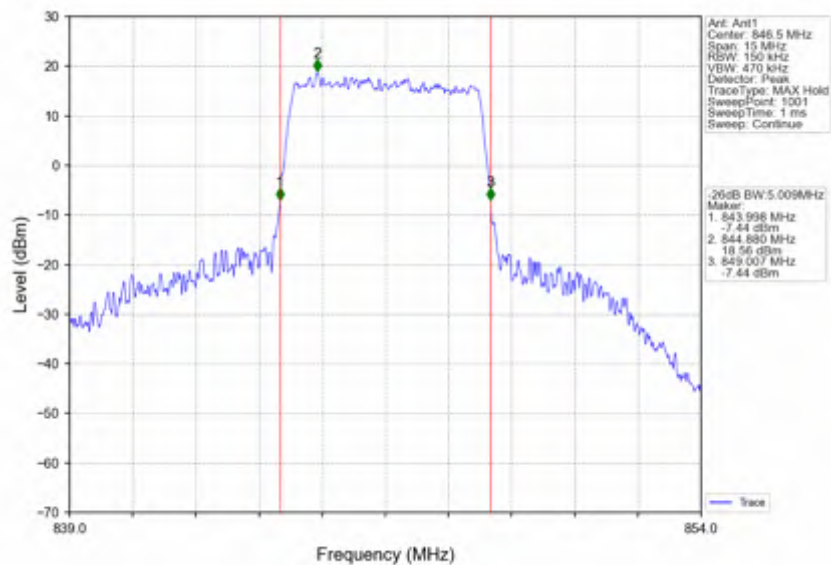
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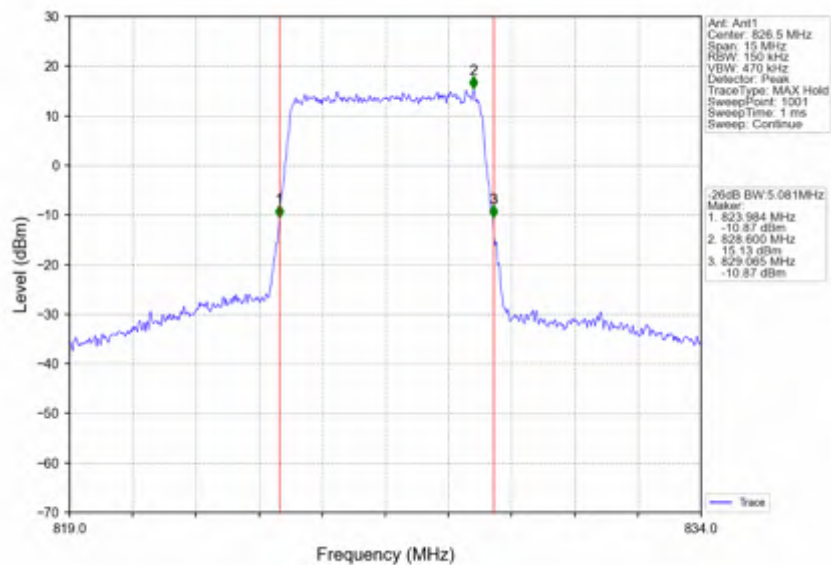
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Band5_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



Band5_5MHz_256QAM_LCH_826.5MHz_RB_25_0_NTNV



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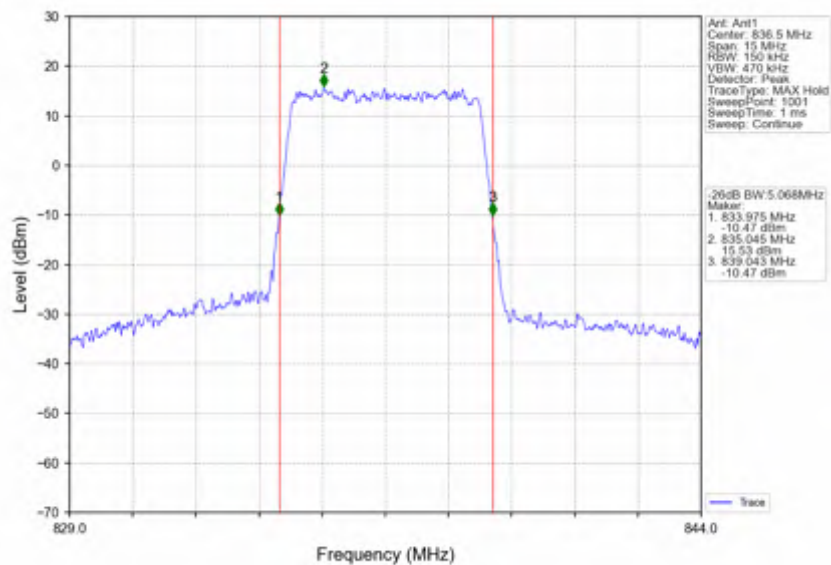
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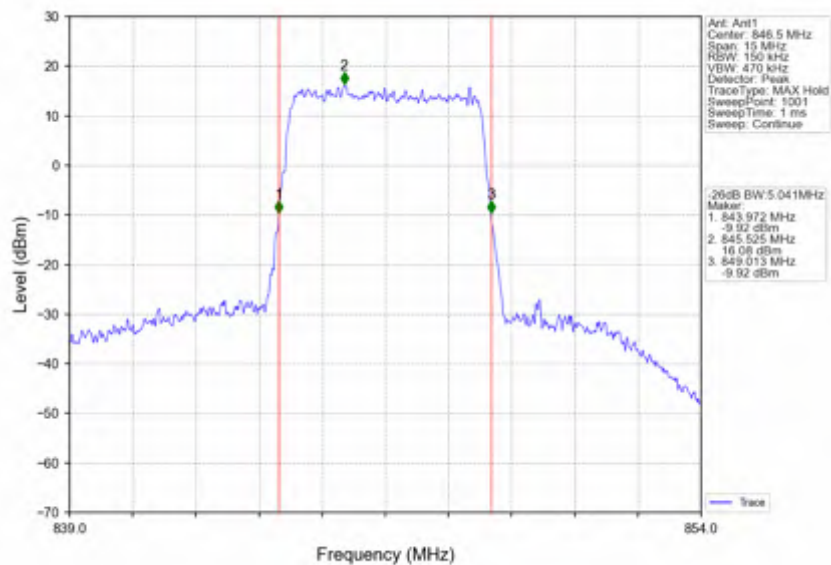
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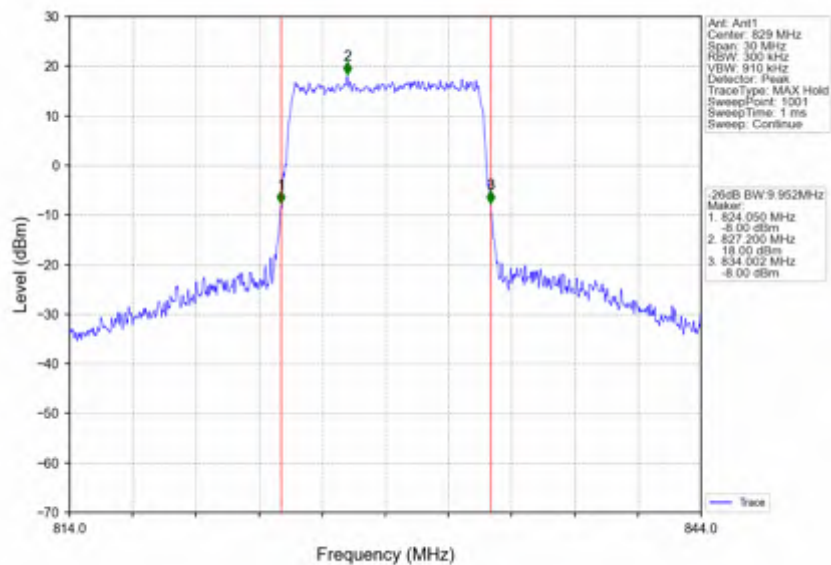
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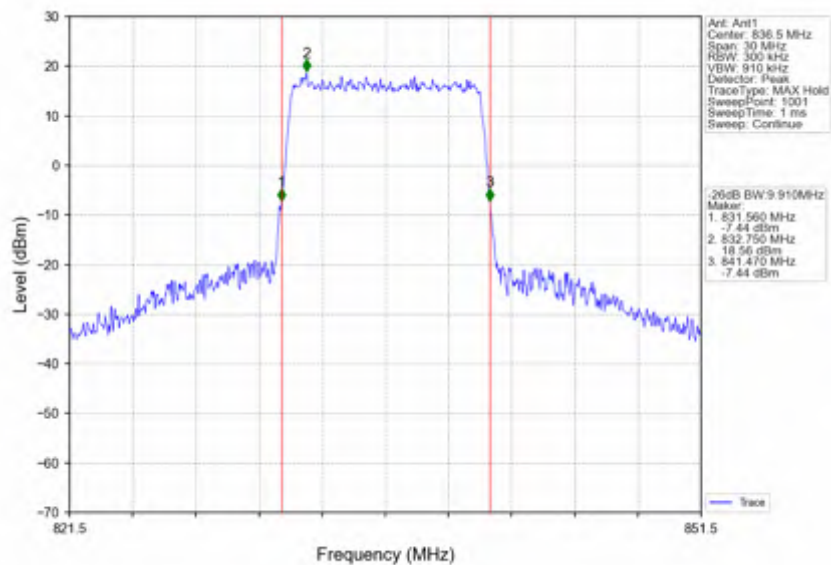
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Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



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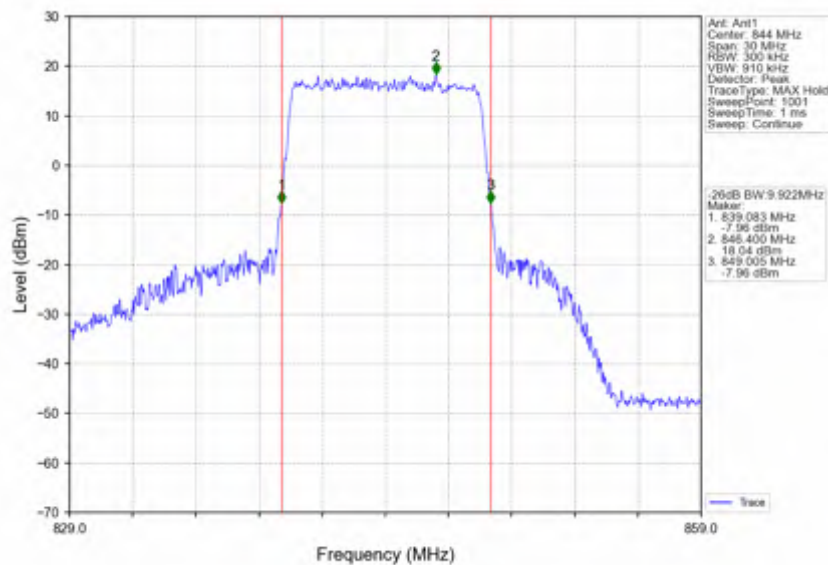
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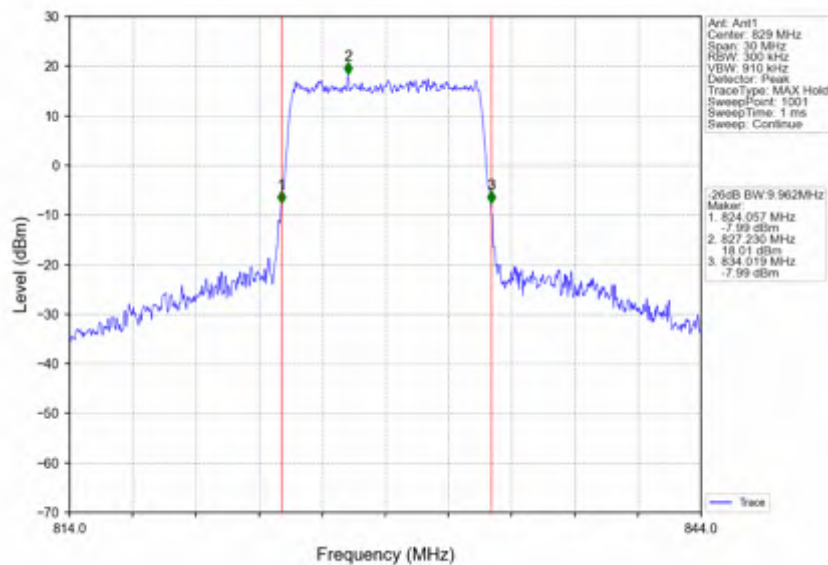
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Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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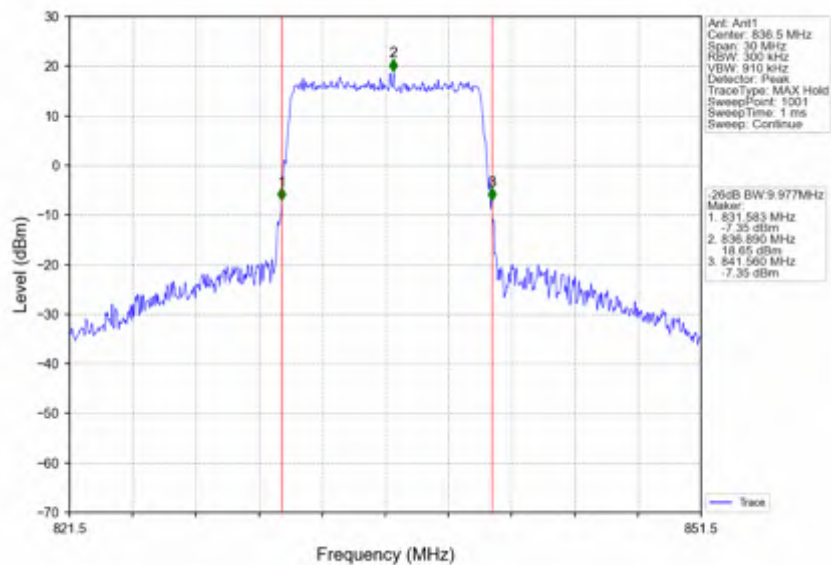
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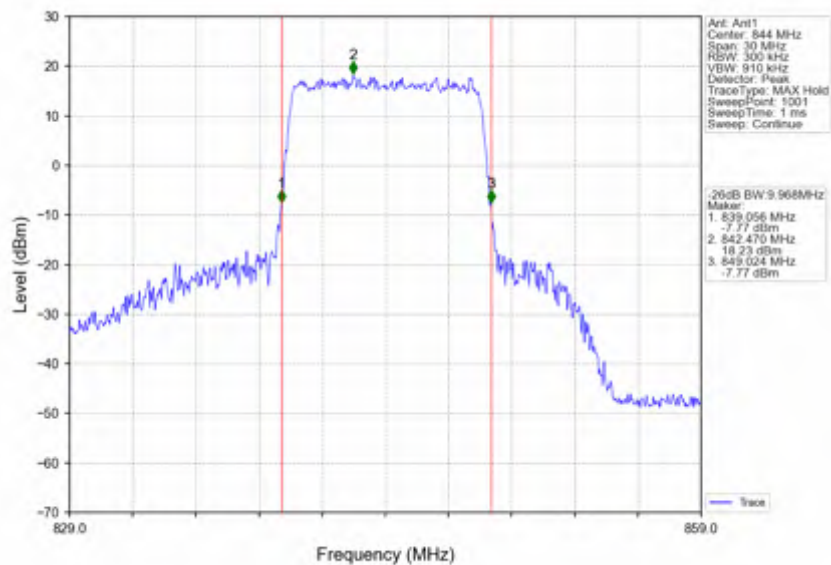
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Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



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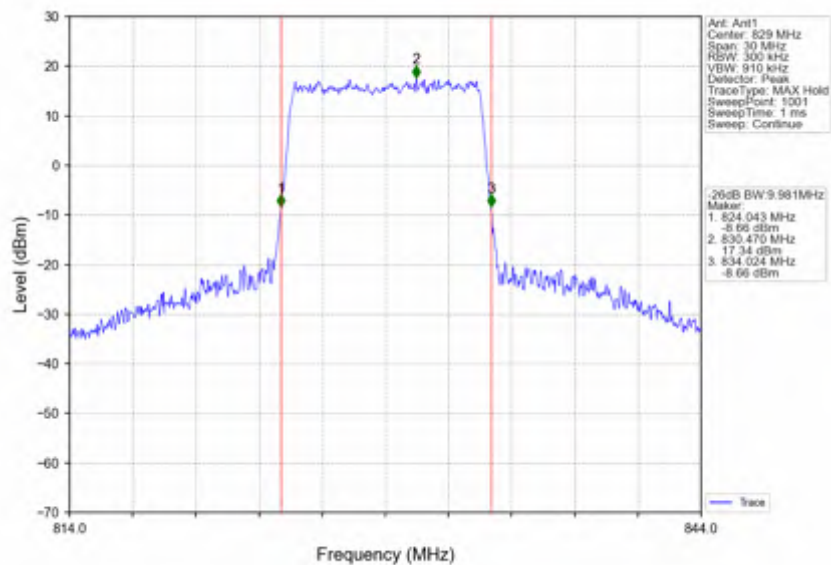
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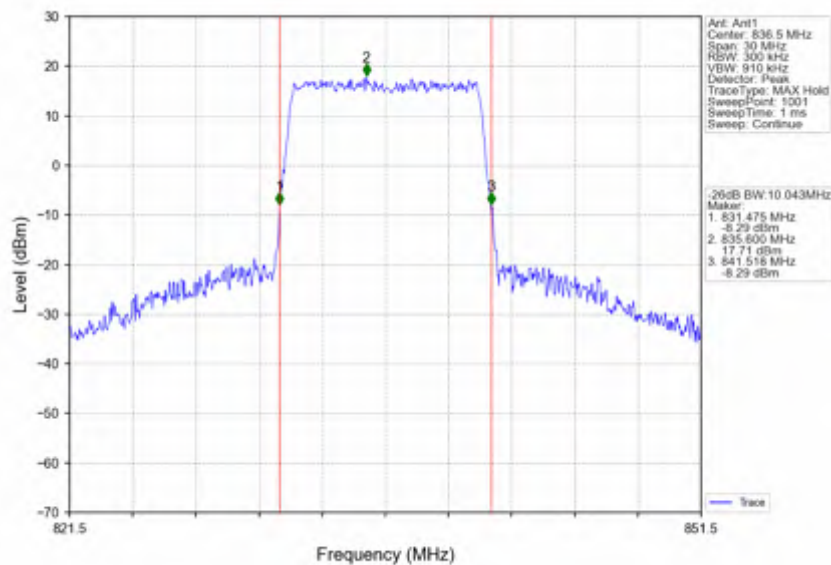
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Band5_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



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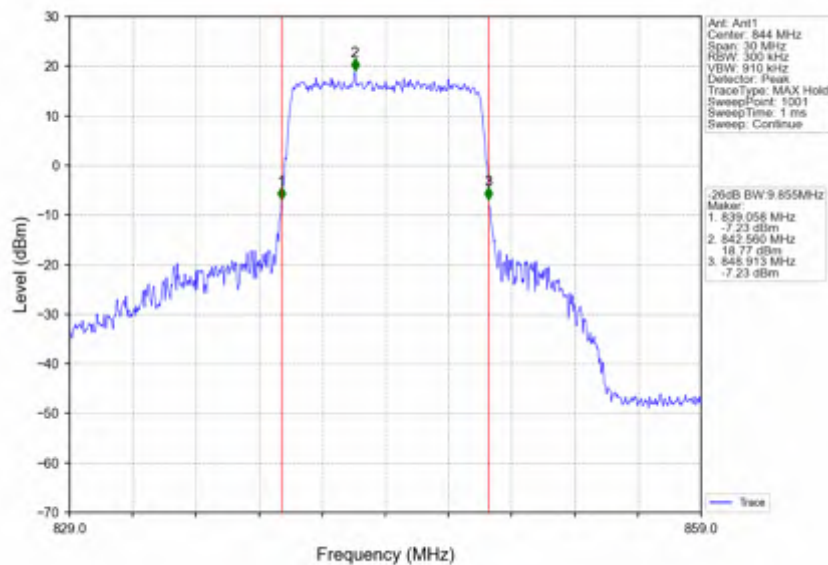
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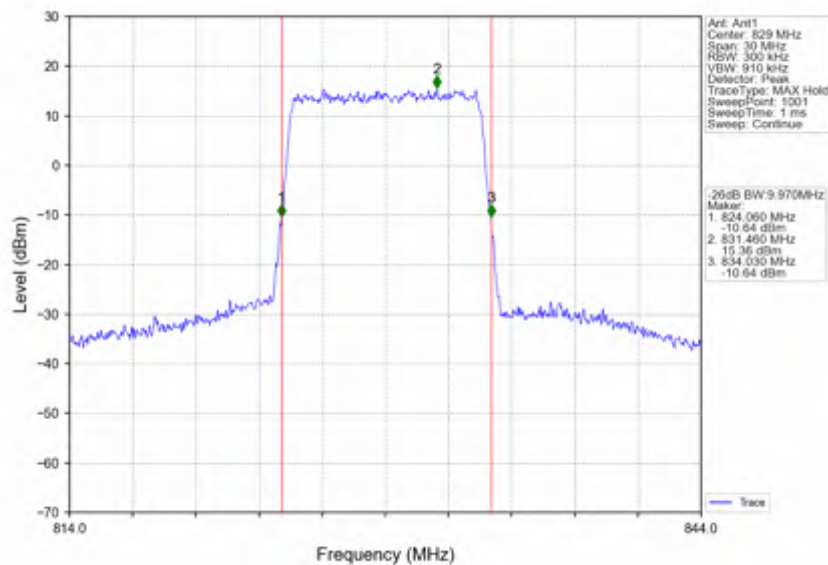
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Band5_10MHz_256QAM_LCH_829MHz_RB_50_0_NTNV



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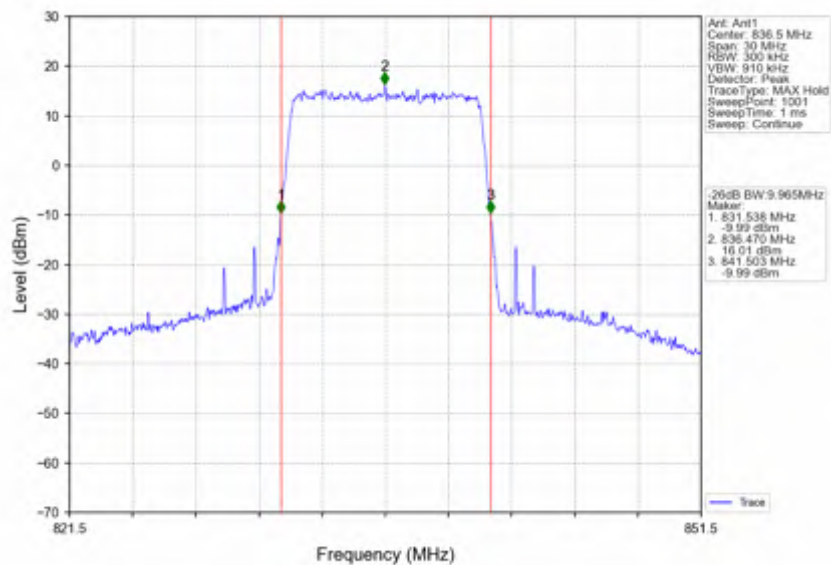
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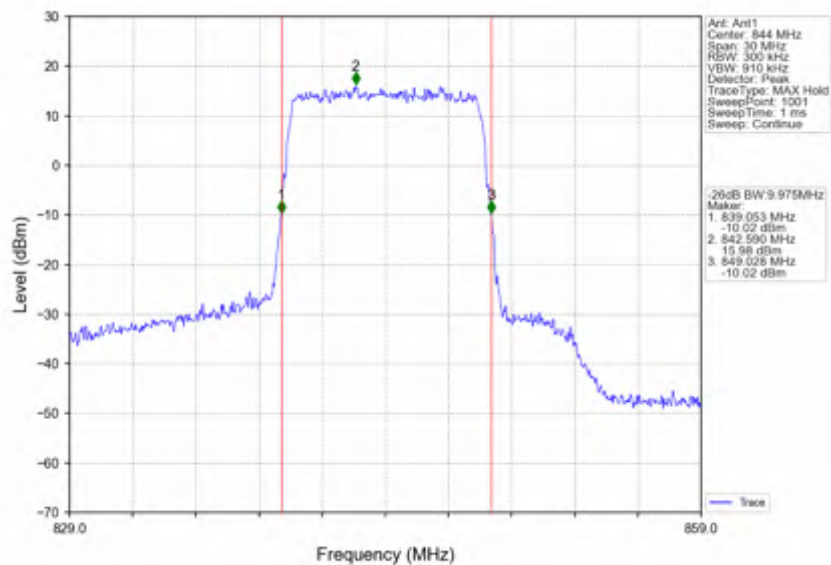
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4. 99% & 26dB Bandwidth

4.1 Band7_OBW

4.1.1 Test Result

Band: 7 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	4.546	Pass
		2535	25	0	4.534	Pass
		2567.5	25	0	4.537	Pass
	16QAM	2502.5	25	0	4.539	Pass
		2535	25	0	4.545	Pass
		2567.5	25	0	4.537	Pass
	64QAM	2502.5	25	0	4.544	Pass
		2535	25	0	4.539	Pass
		2567.5	25	0	4.545	Pass
	256QAM	2502.5	25	0	4.539	Pass
		2535	25	0	4.551	Pass
		2567.5	25	0	4.550	Pass
10	QPSK	2505	50	0	9.014	Pass
		2535	50	0	9.043	Pass
		2565	50	0	9.047	Pass
	16QAM	2505	50	0	9.069	Pass
		2535	50	0	9.057	Pass
		2565	50	0	9.033	Pass
	64QAM	2505	50	0	9.048	Pass
		2535	50	0	9.037	Pass
		2565	50	0	9.045	Pass
	256QAM	2505	50	0	9.050	Pass
		2535	50	0	9.040	Pass
		2565	50	0	9.087	Pass
15	QPSK	2507.5	75	0	13.547	Pass
		2535	75	0	13.580	Pass
		2562.5	75	0	13.566	Pass
	16QAM	2507.5	75	0	13.570	Pass
		2535	75	0	13.568	Pass
		2562.5	75	0	13.578	Pass
	64QAM	2507.5	75	0	13.570	Pass
		2535	75	0	13.572	Pass
		2562.5	75	0	13.579	Pass
	256QAM	2507.5	75	0	13.572	Pass
		2535	75	0	13.607	Pass
		2562.5	75	0	13.646	Pass
20	QPSK	2510	100	0	18.046	Pass
		2535	100	0	18.058	Pass
		2560	100	0	18.095	Pass
	16QAM	2510	100	0	18.029	Pass
		2535	100	0	18.051	Pass
		2560	100	0	18.109	Pass
	64QAM	2510	100	0	18.022	Pass



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		2535	100	0	18.102	Pass
		2560	100	0	18.100	Pass
	256QAM	2510	100	0	18.084	Pass
		2535	100	0	18.071	Pass
		2560	100	0	18.100	Pass



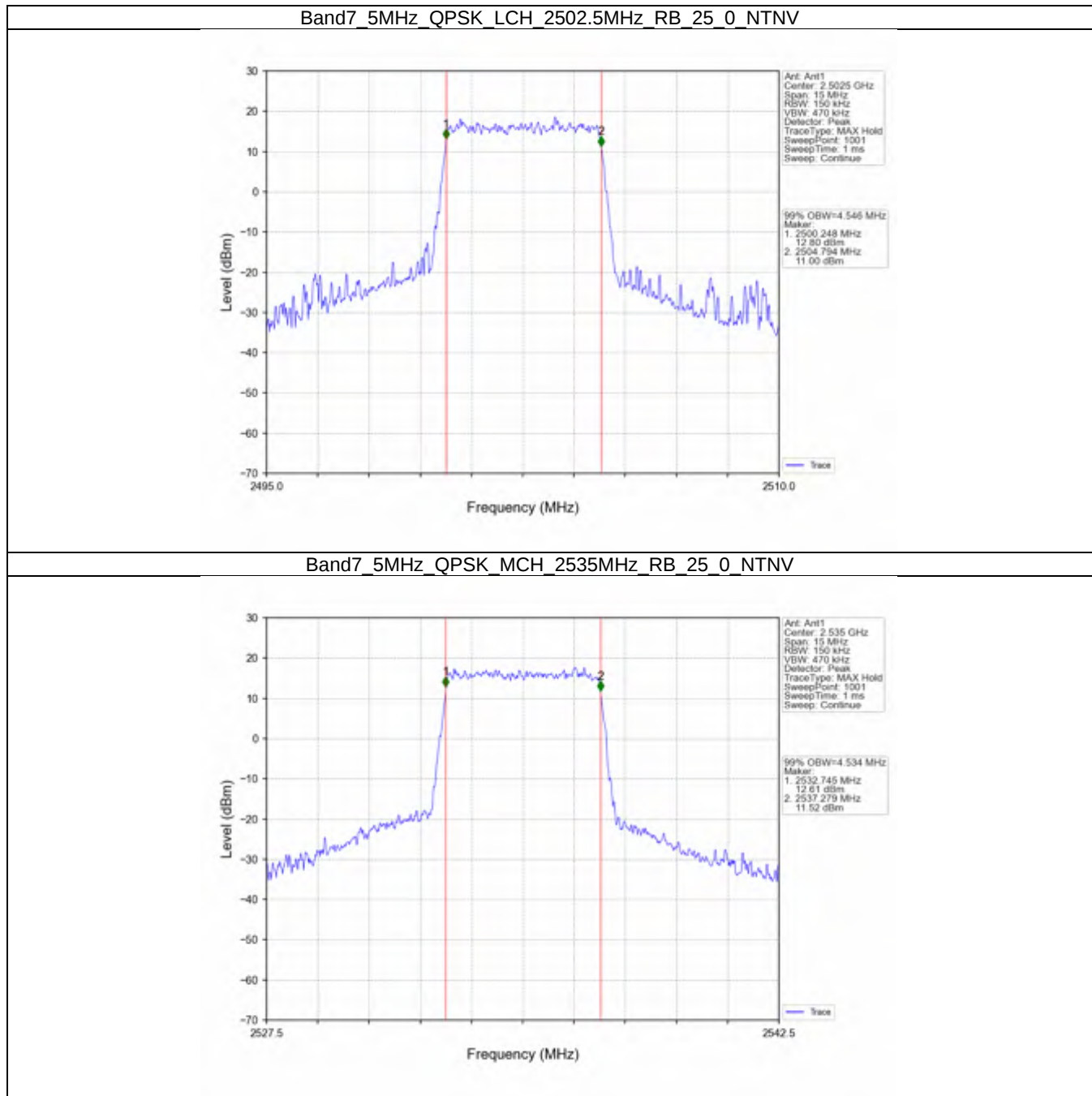
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4.1.2 Test Graph



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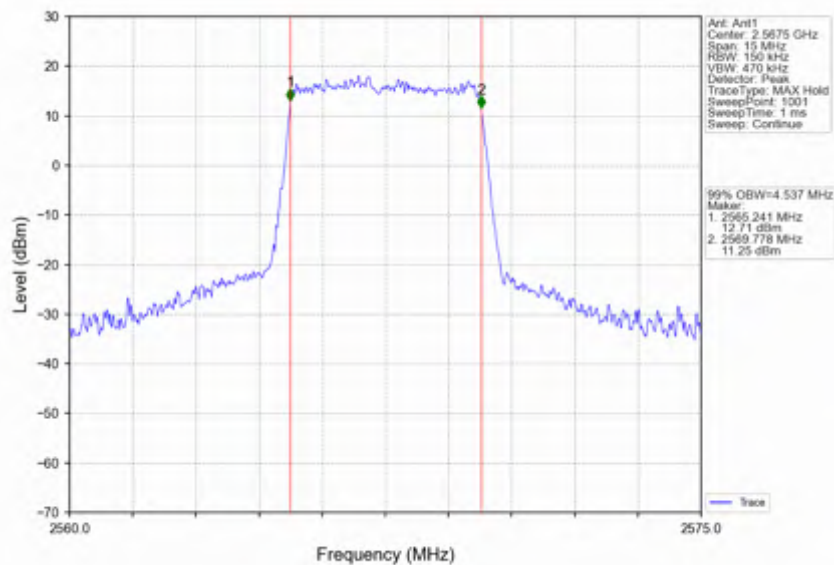
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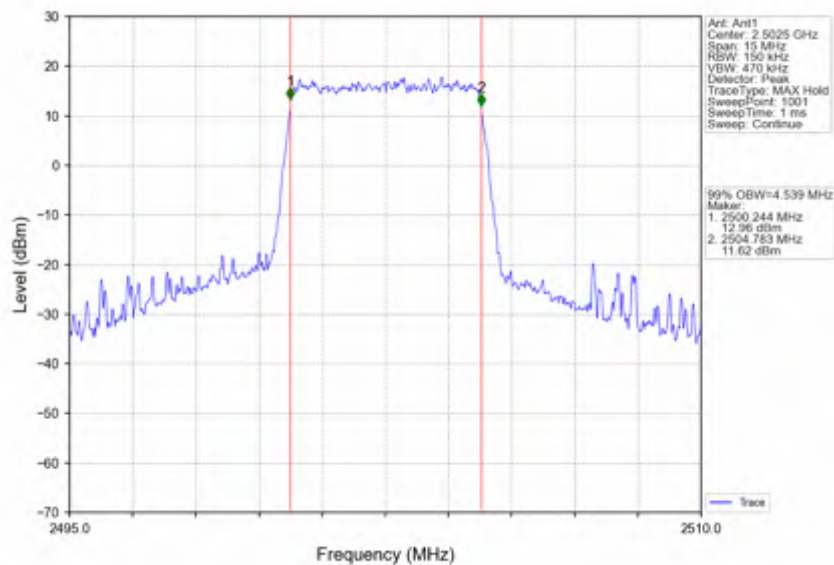
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



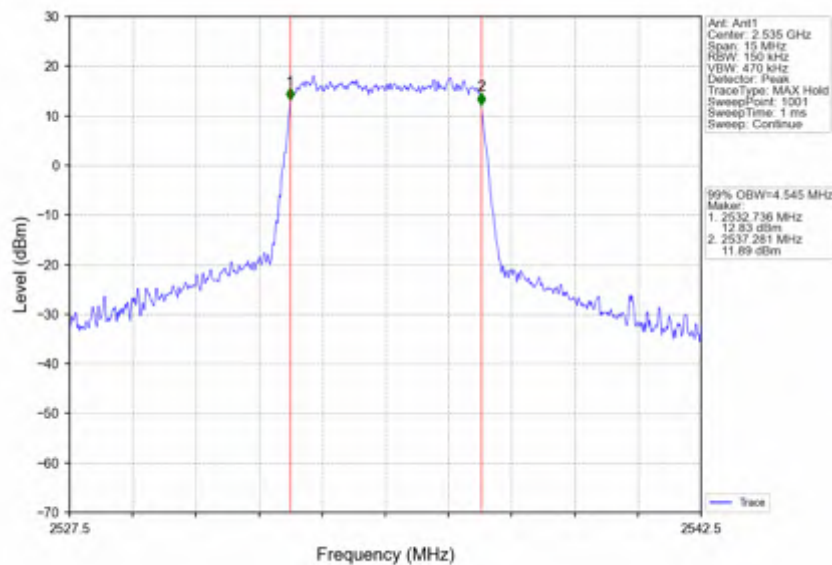
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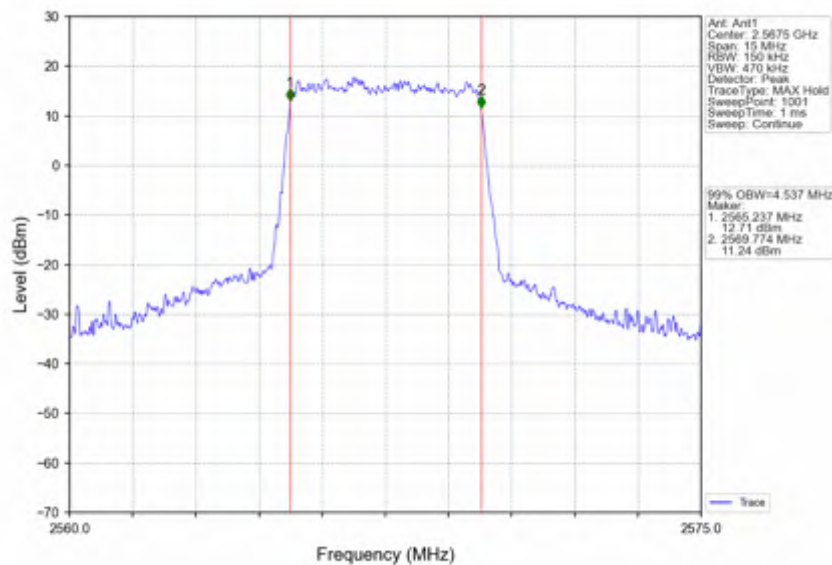
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Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



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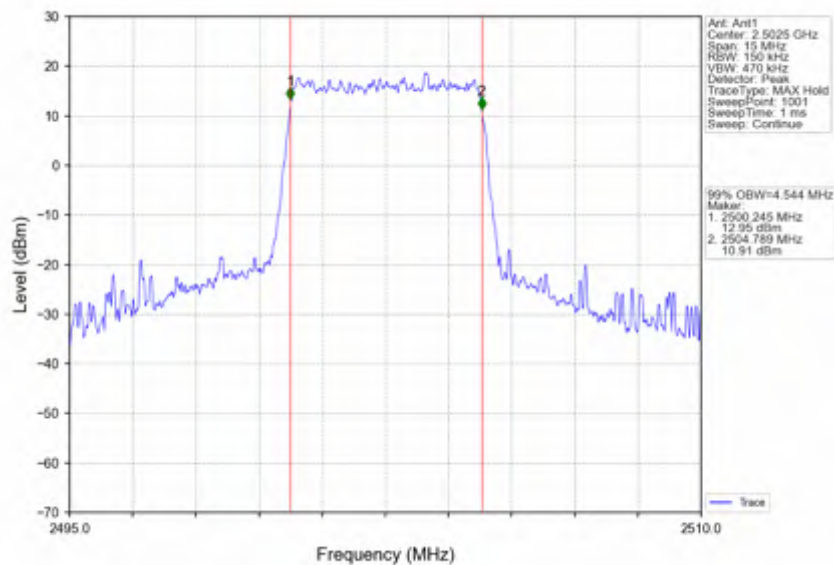
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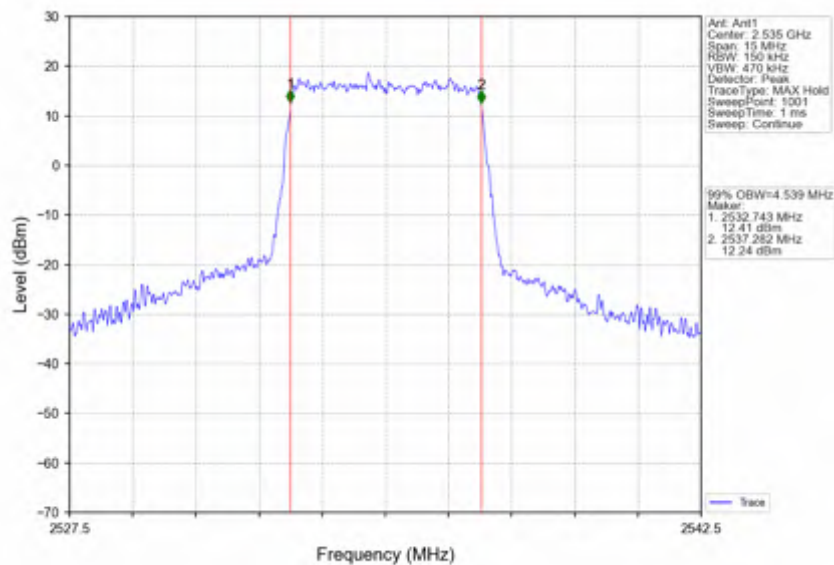
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Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



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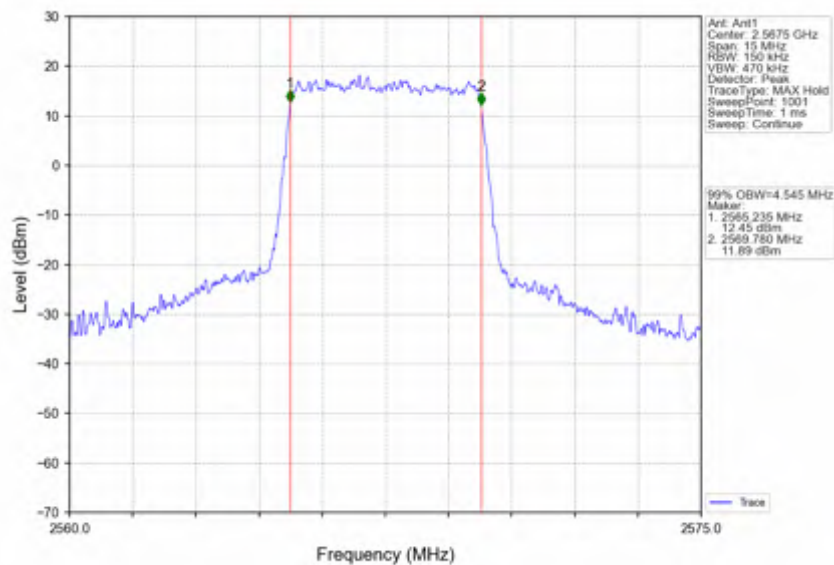
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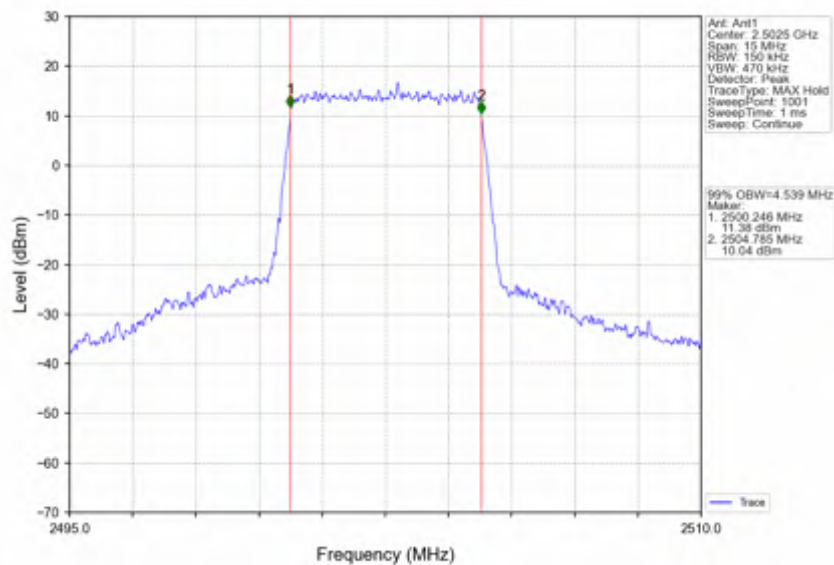
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Band7_5MHz_256QAM_LCH_2502.5MHz_RB_25_0_NTNV

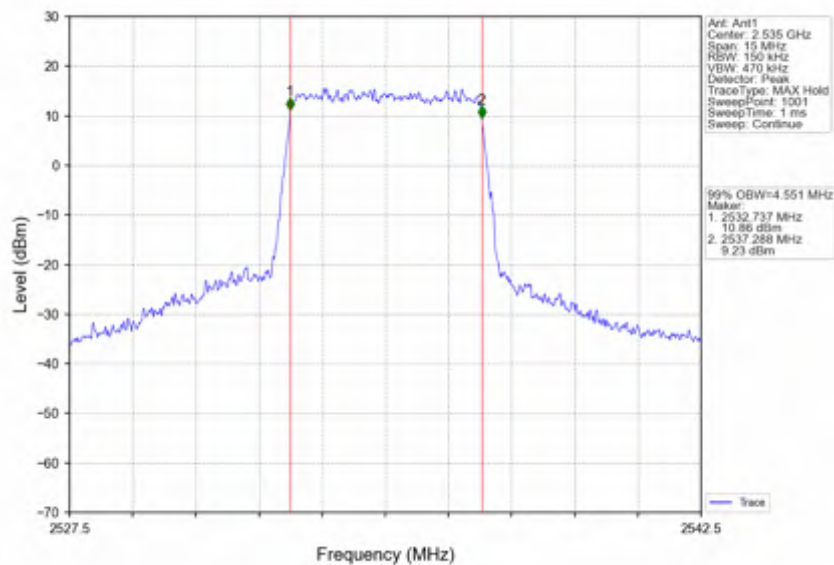


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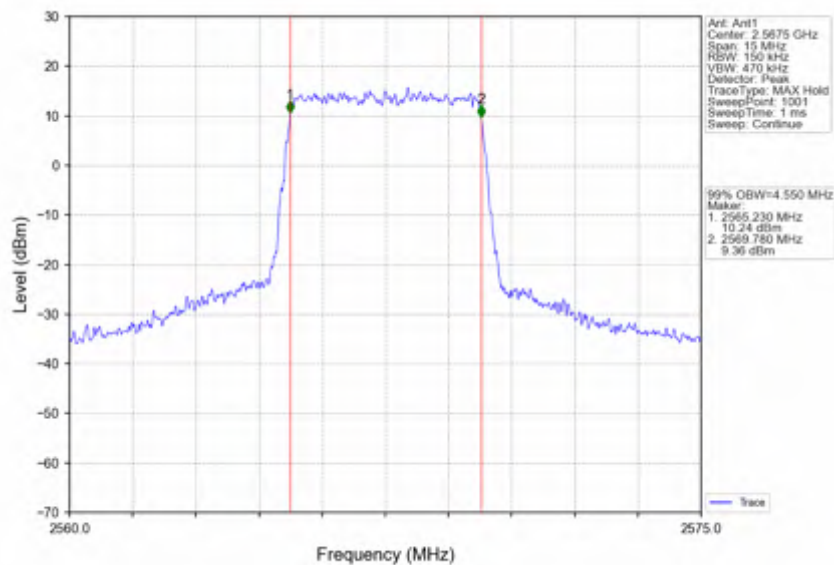
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Band7 5MHz 256QAM MCH 2535MHz RB 25 0 NTN



Band7	5MHz	256QAM	HCH	2567.5MHz	RB	25	0	NTNV
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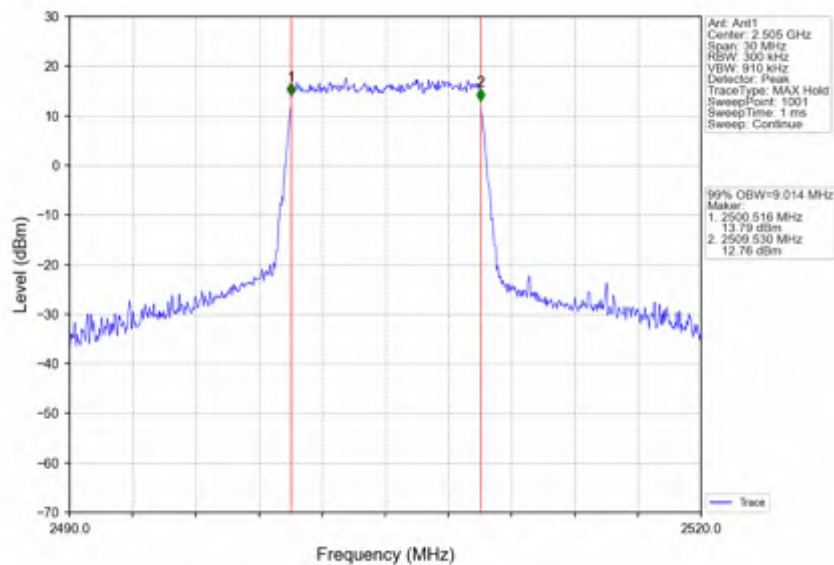


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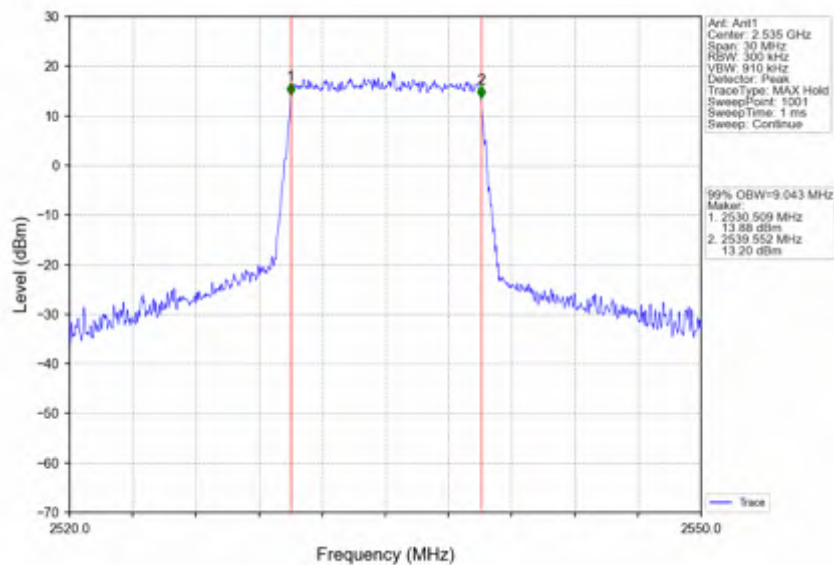
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Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



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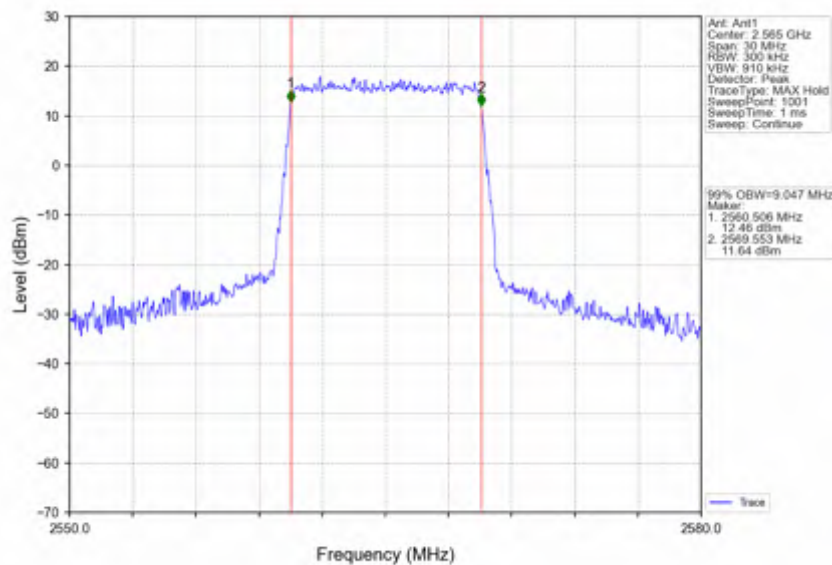
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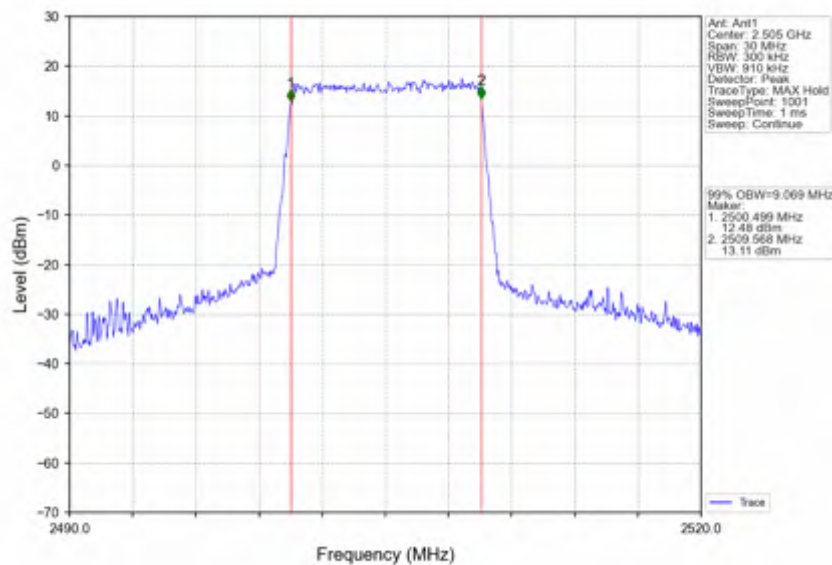
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Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



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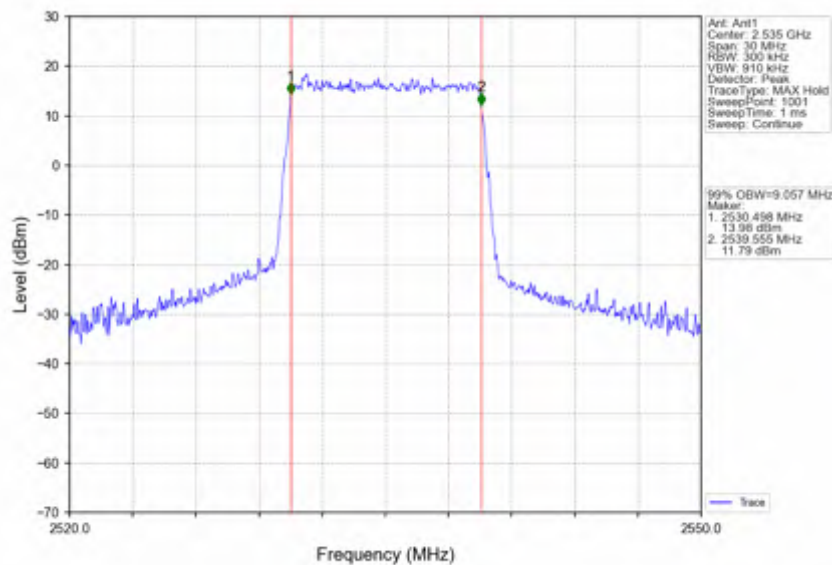
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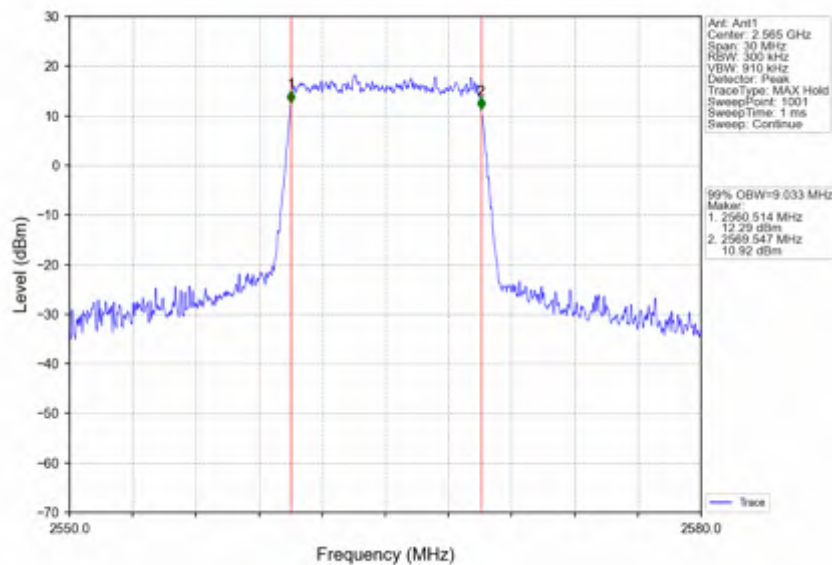
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Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTNV



Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV

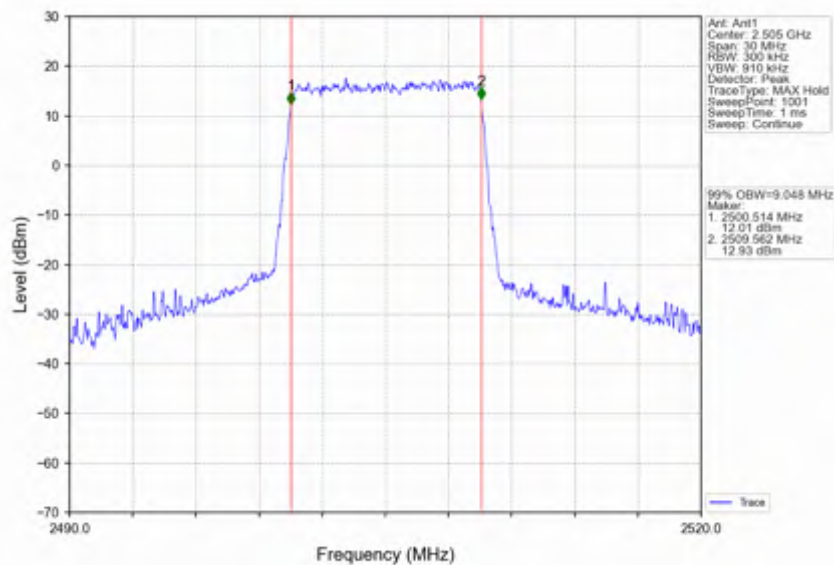


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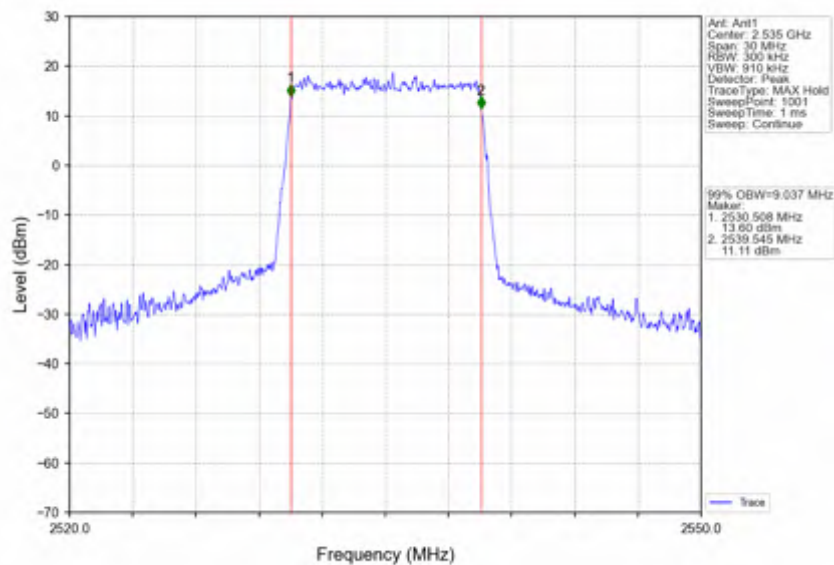
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Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



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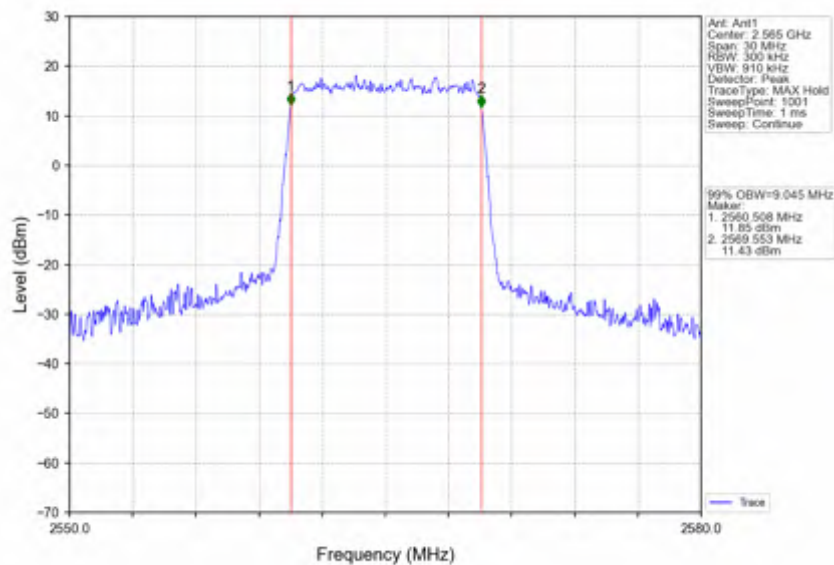
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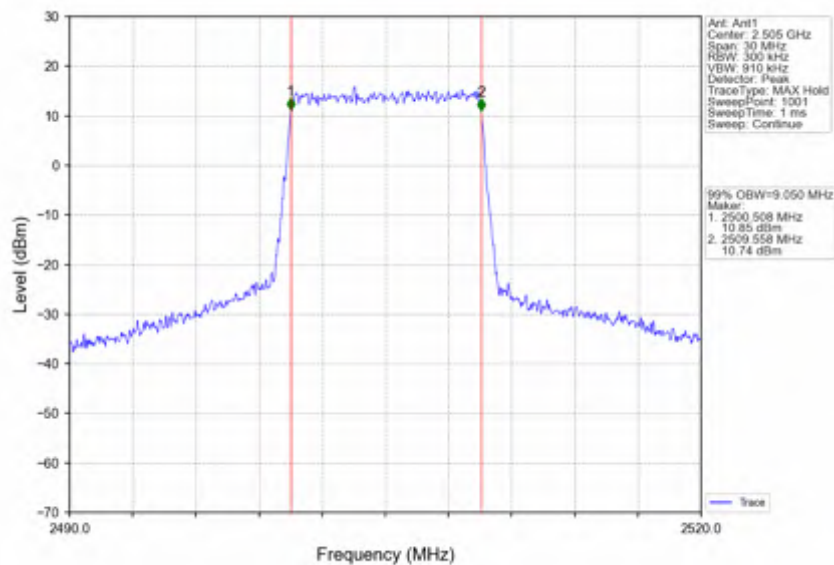
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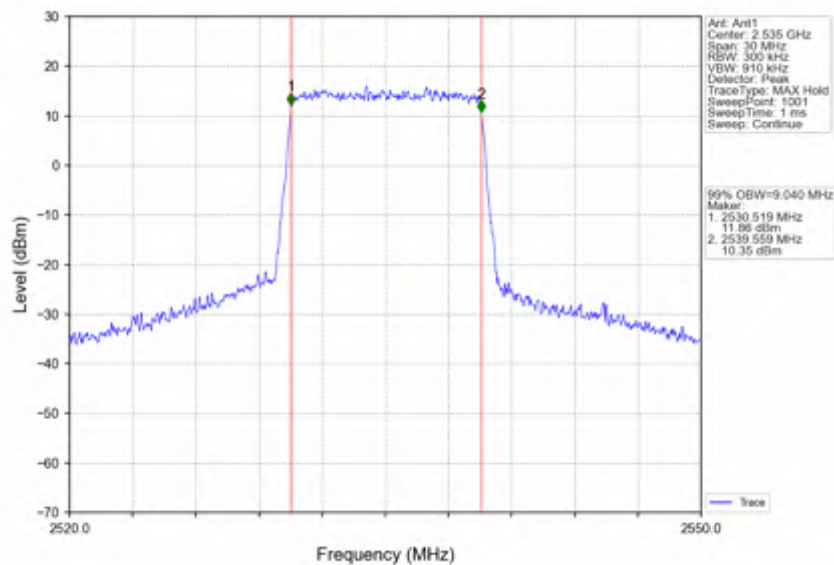
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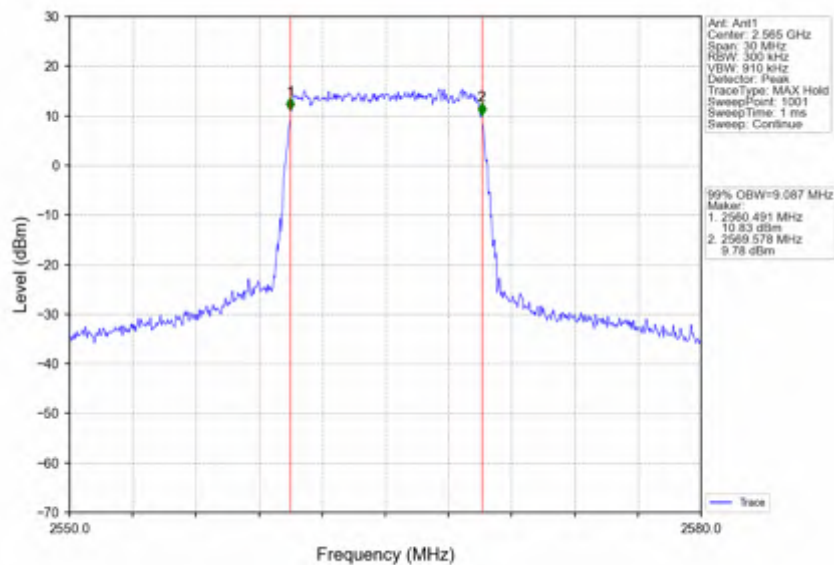
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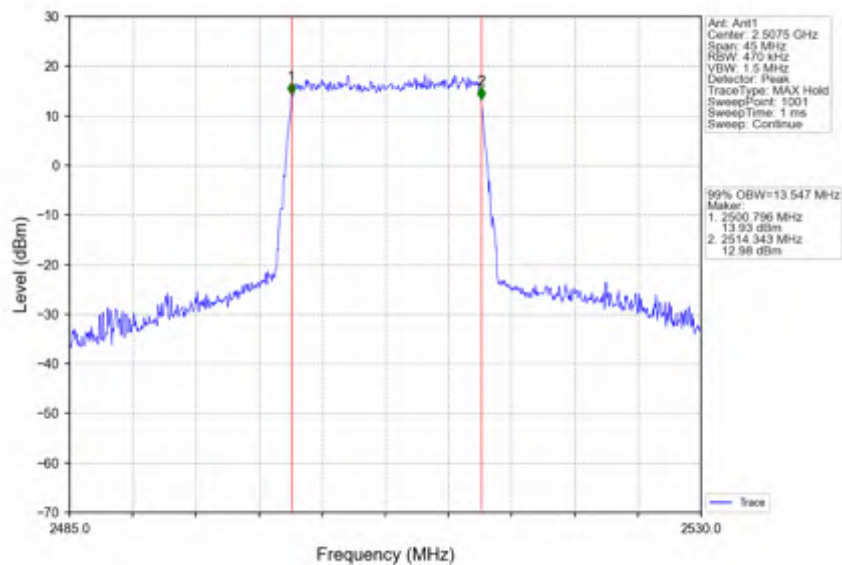
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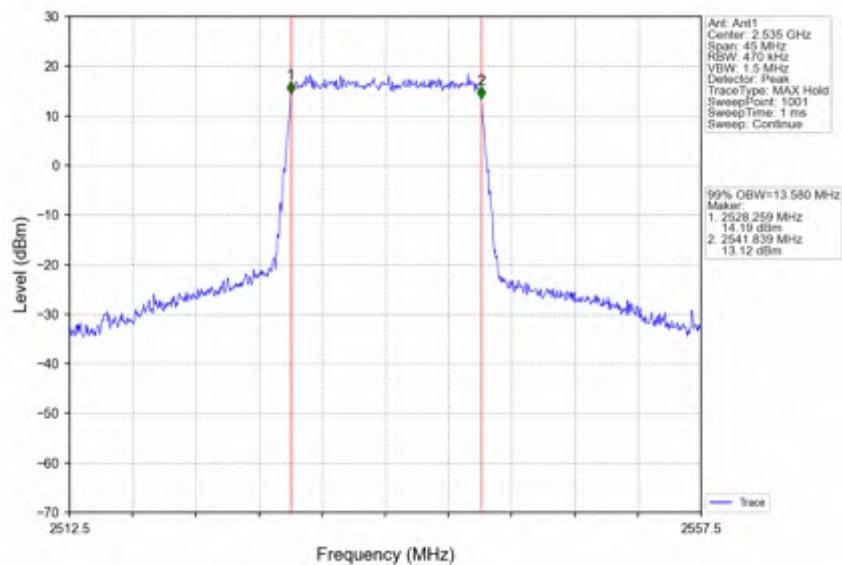
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Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTNV



Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV

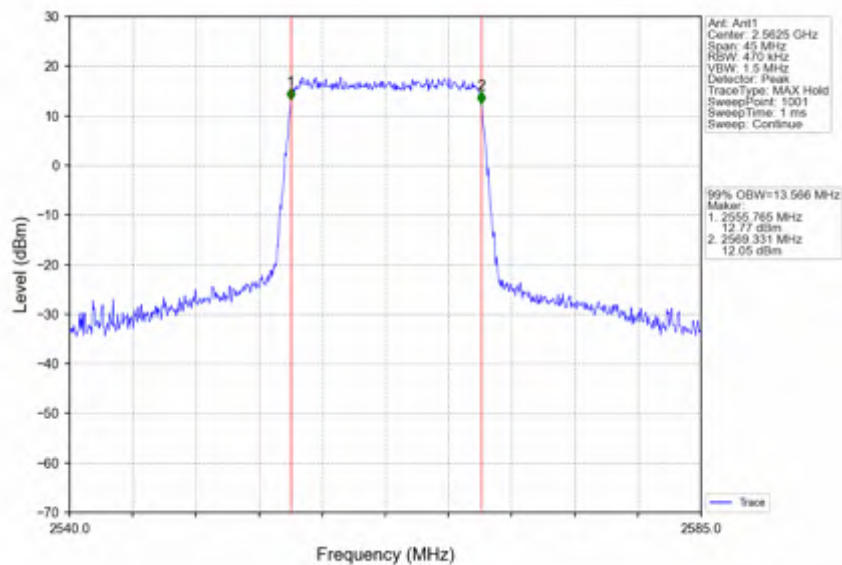


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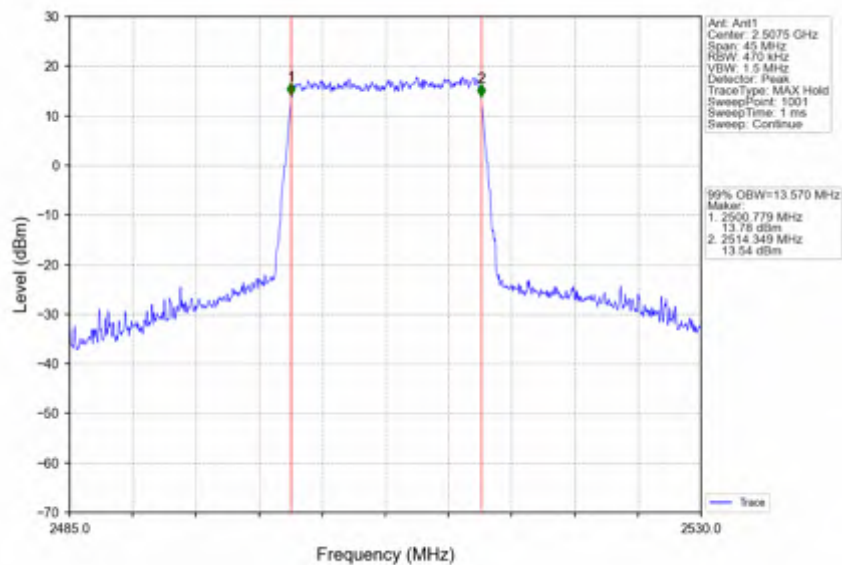
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Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



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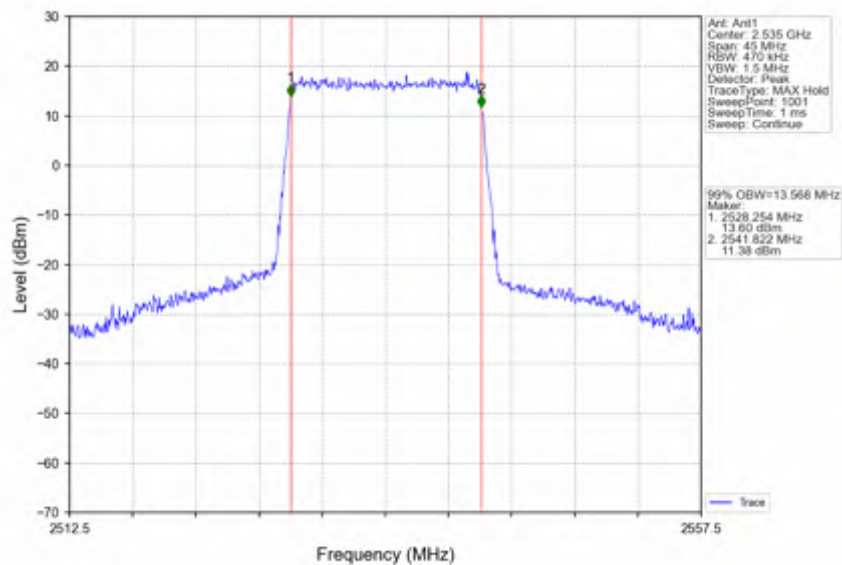
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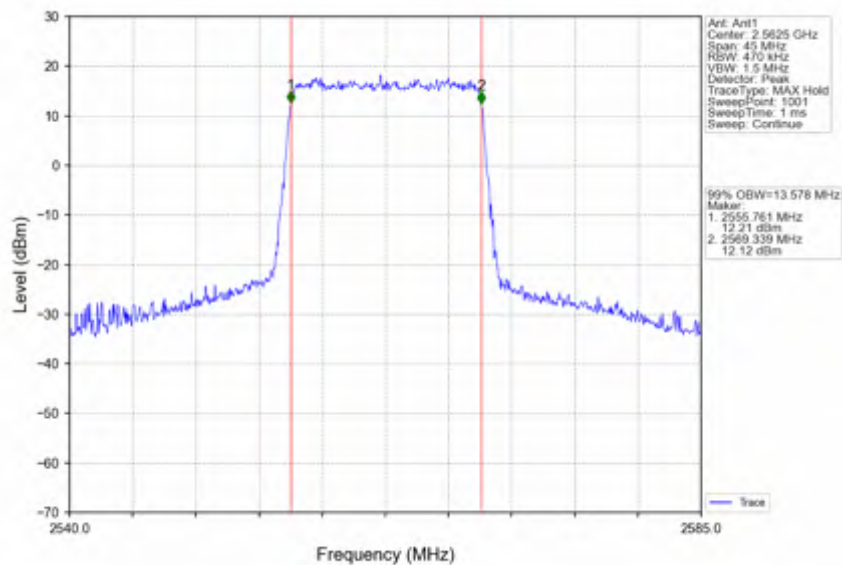
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Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



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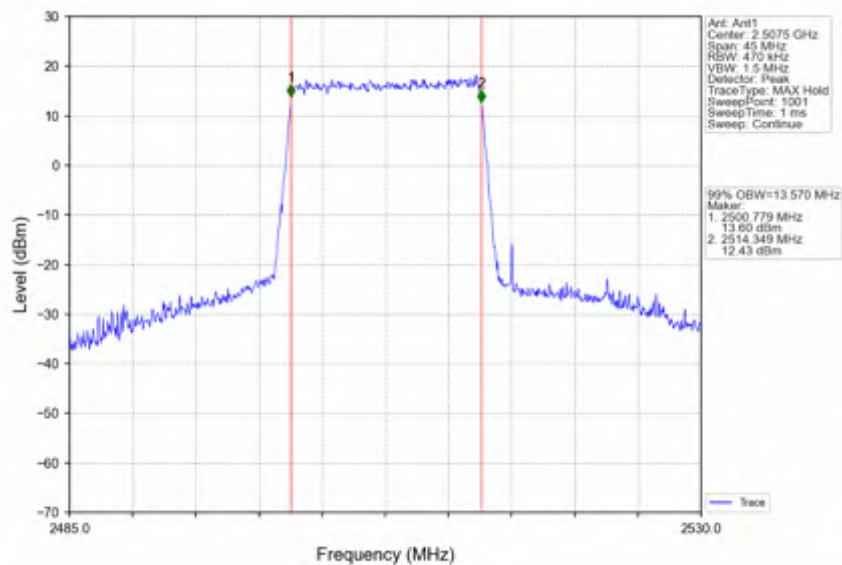
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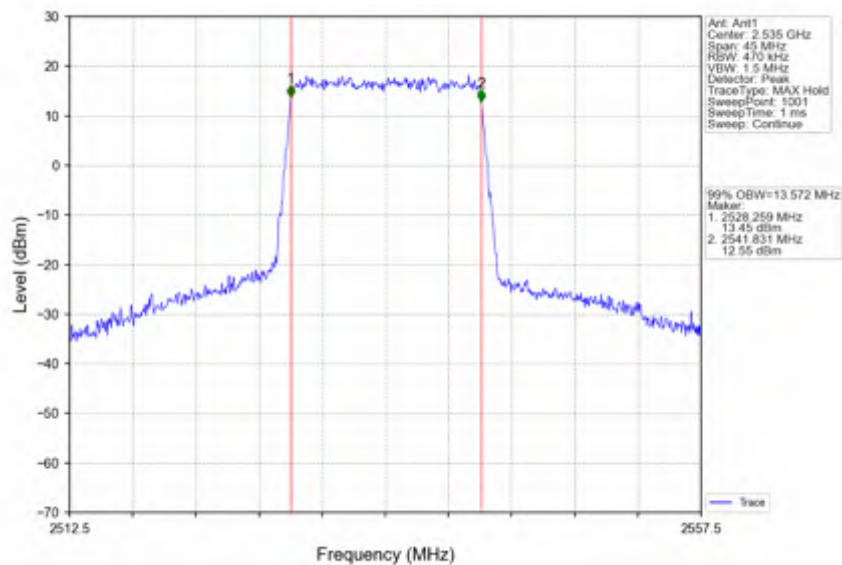
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Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNv

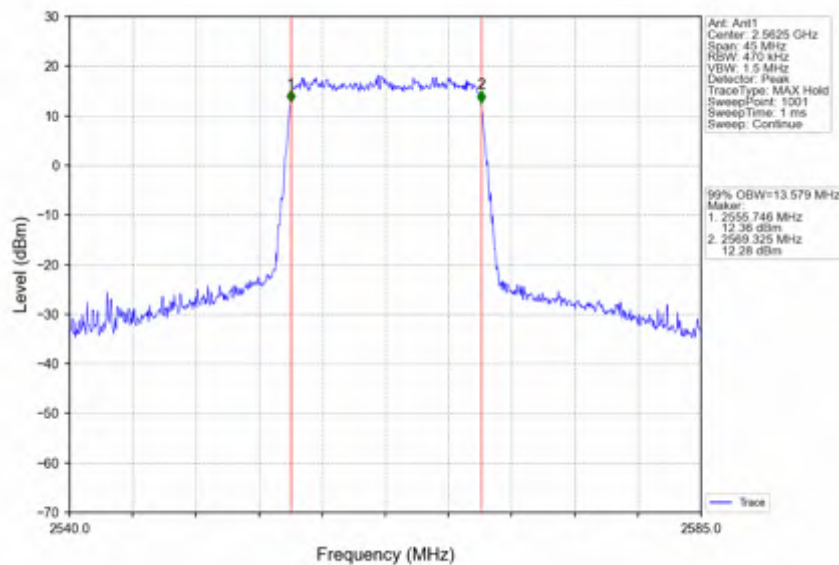


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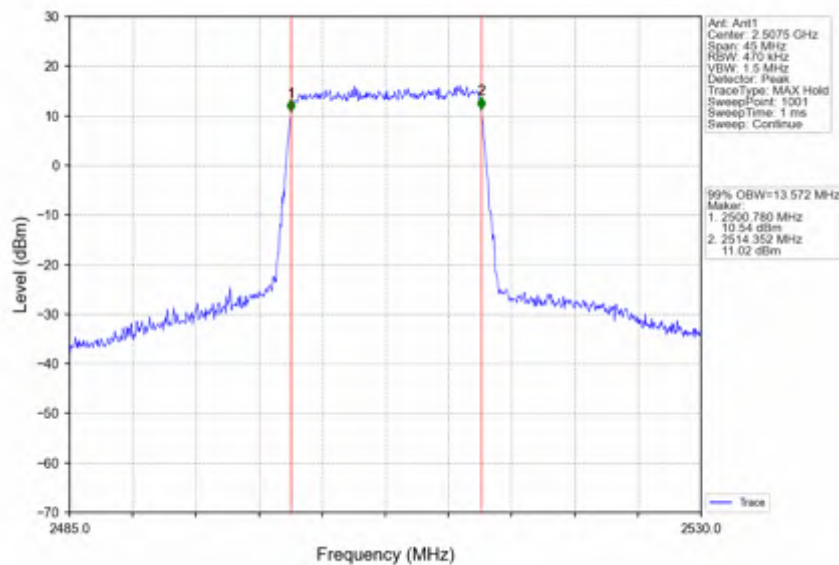
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Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV



Band7_15MHz_256QAM_LCH_2507.5MHz_RB_75_0_NTNV



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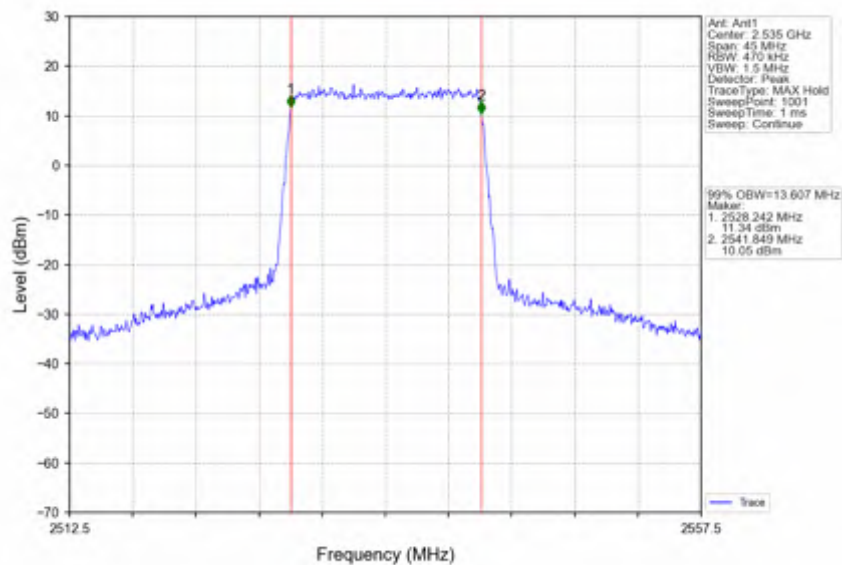
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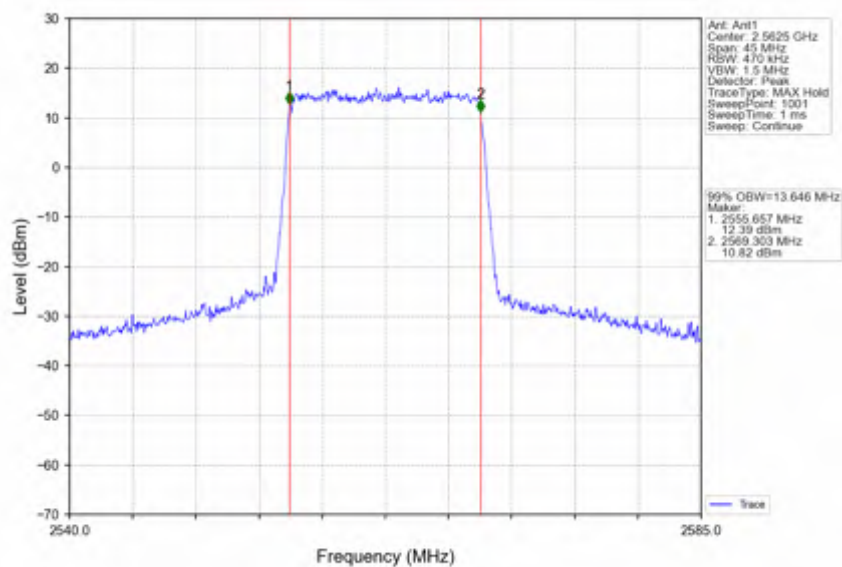
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Band7_15MHz_256QAM_MCH_2535MHz_RB_75_0_NTNV



Band7	15MHz	256QAM	HCH	2562.5MHz	RB	75	0	NTNV
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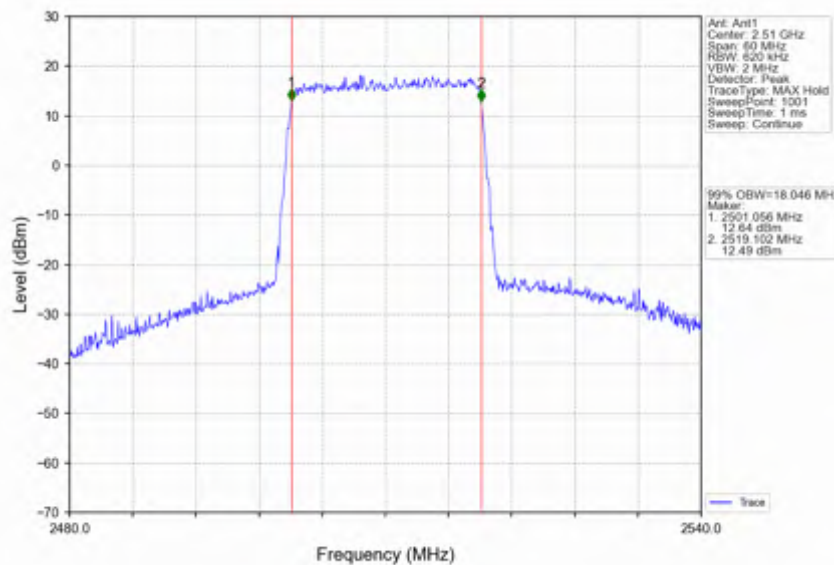


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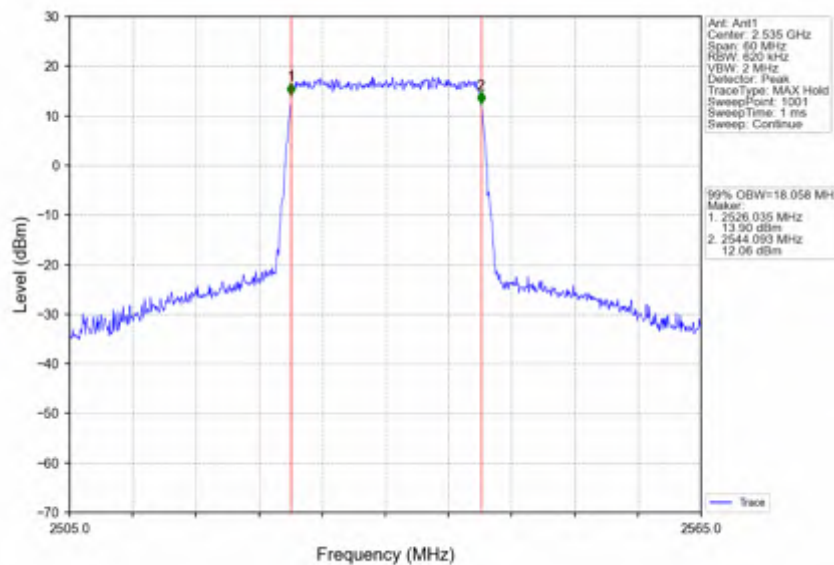
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Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



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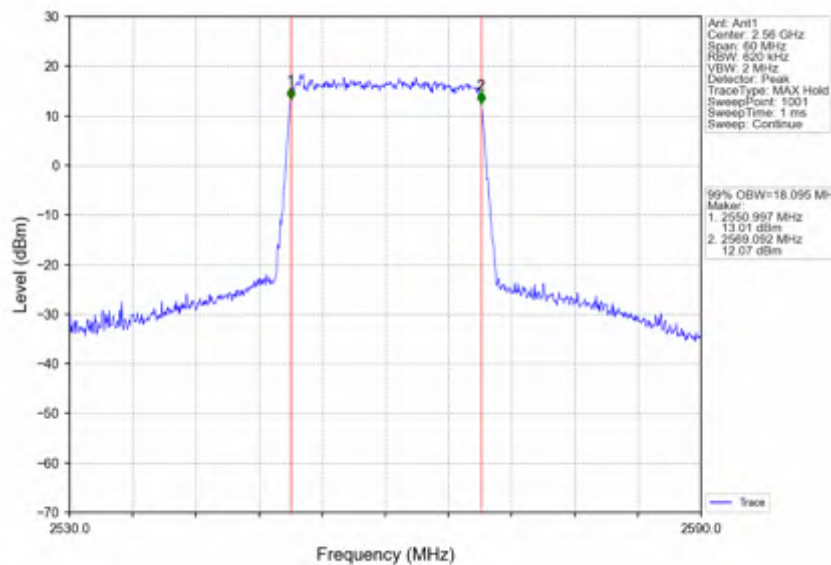
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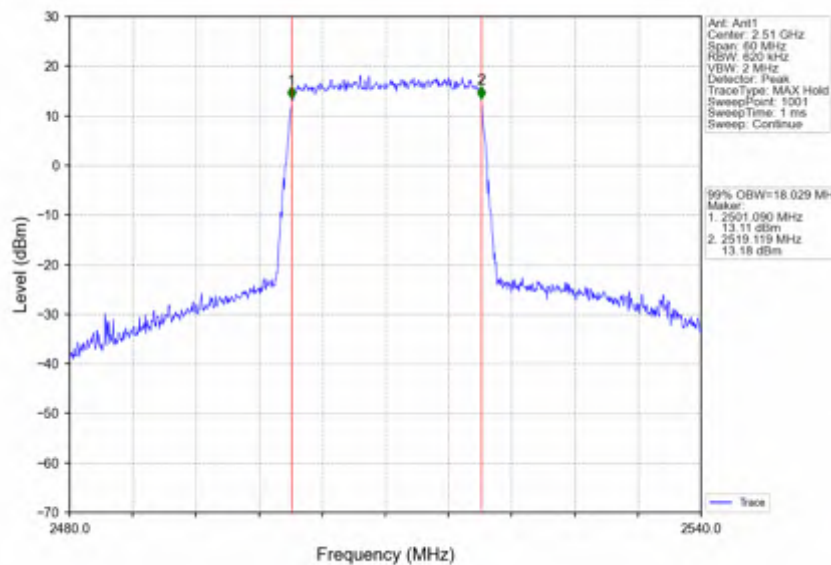
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Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



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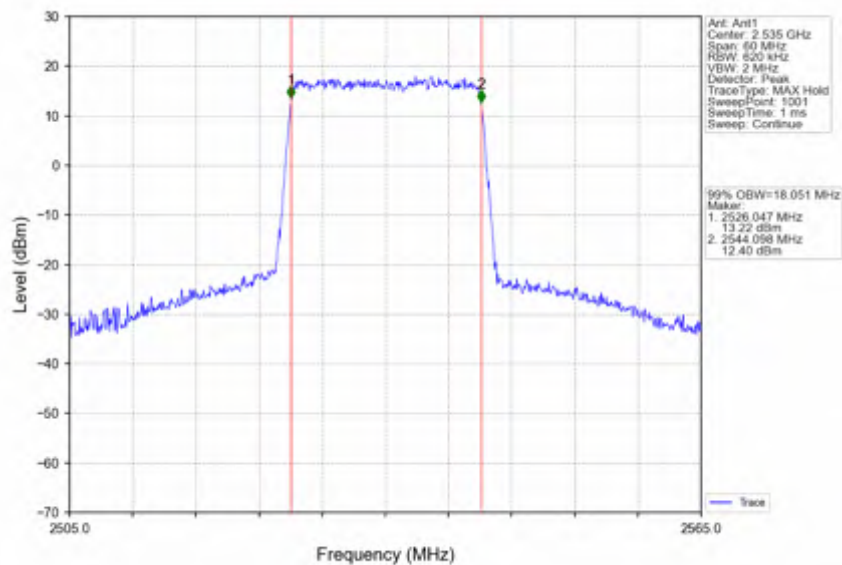
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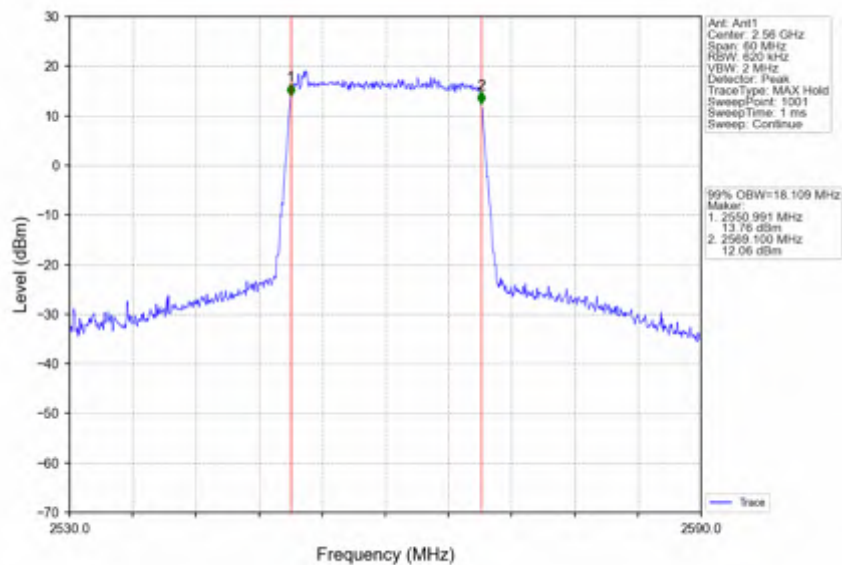
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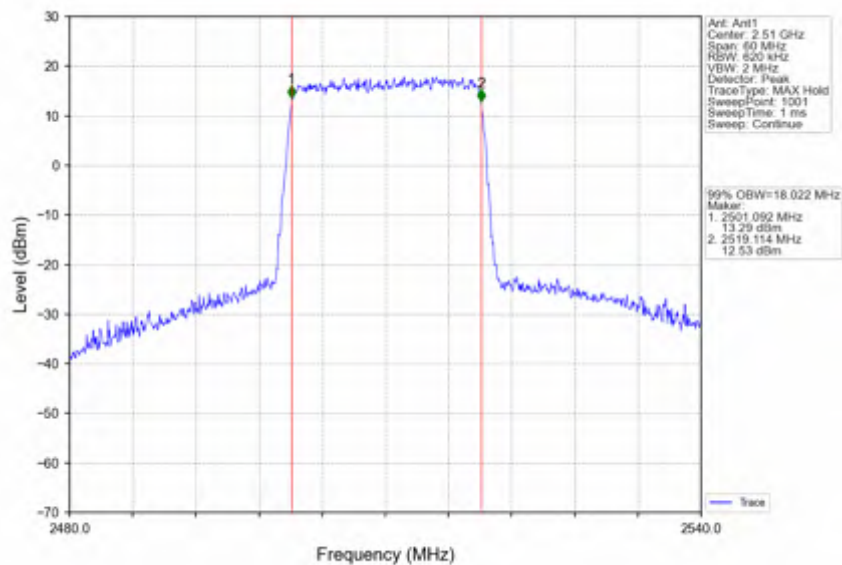
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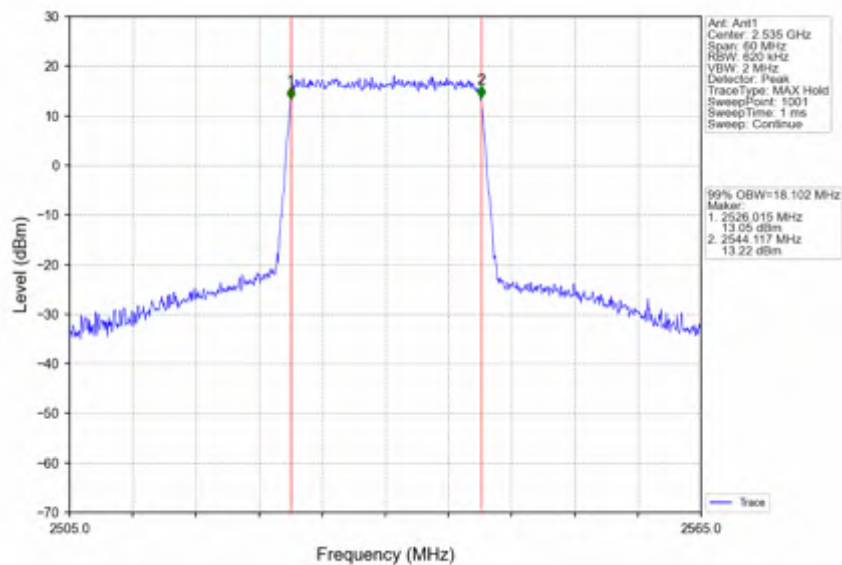
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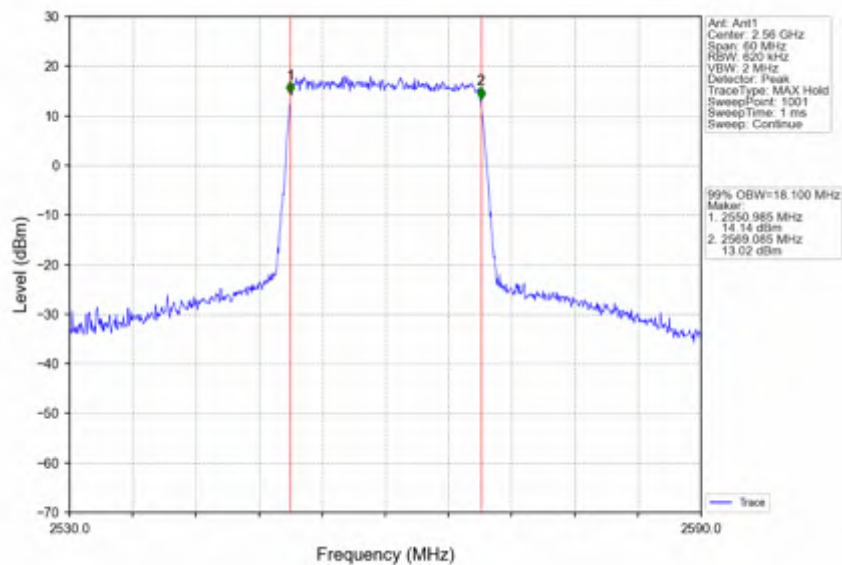
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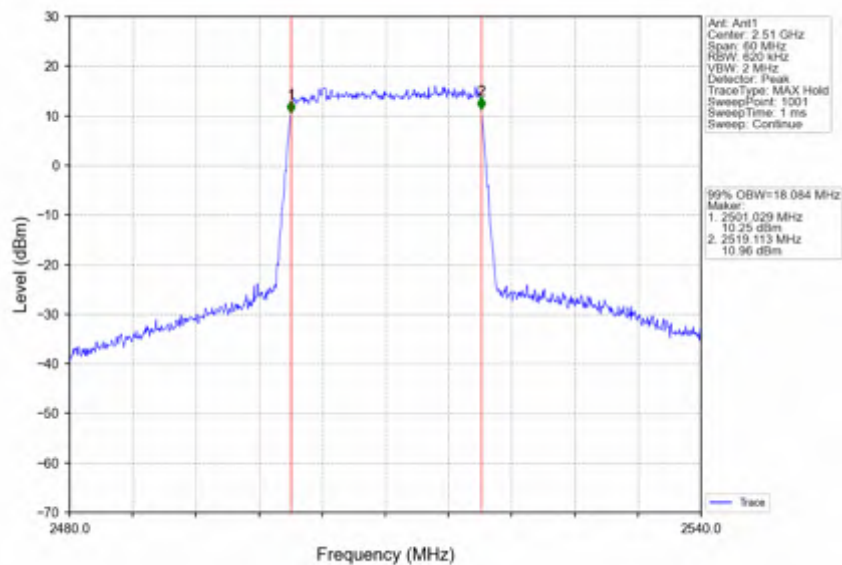
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Band7_20MHz_256QAM_LCH_2510MHz_RB_100_0_NTNV



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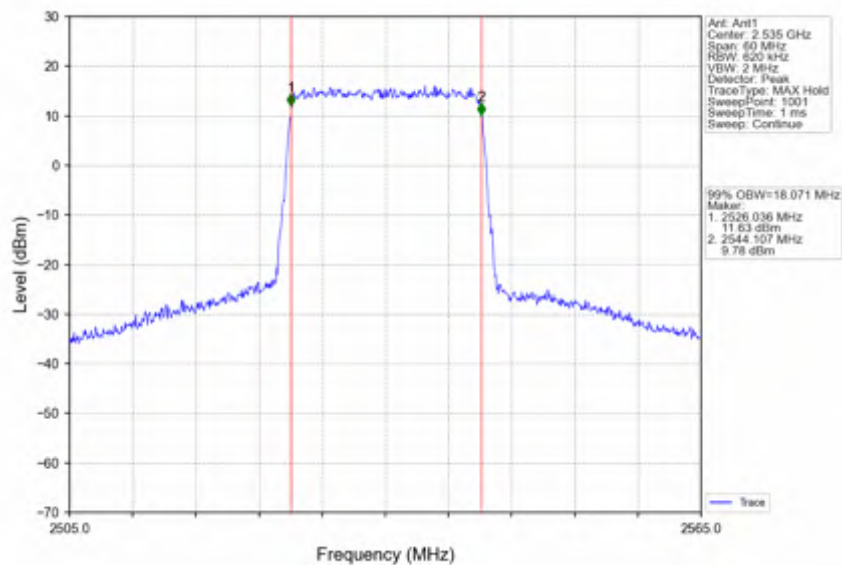
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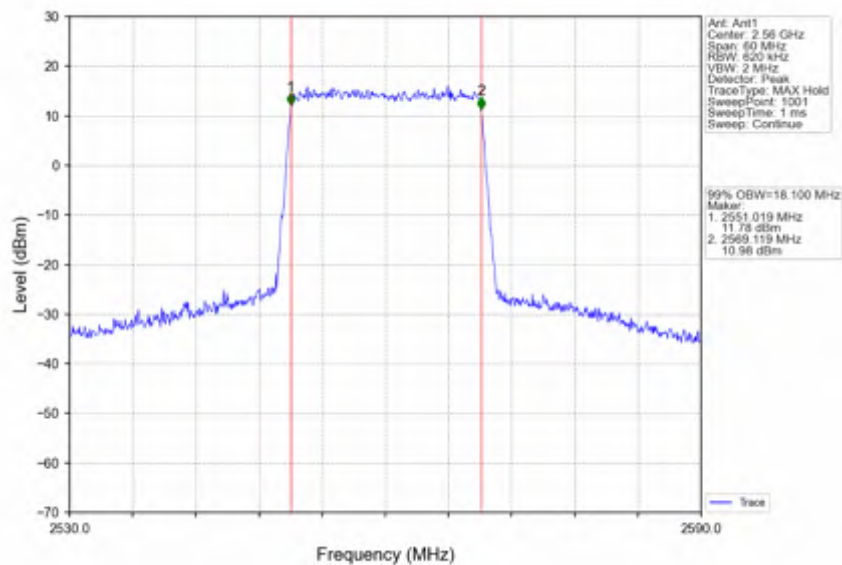
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4.2 Band7_XDB

4.2.1 Test Result

Band: 7 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	5.060	Pass
		2535	25	0	5.057	Pass
		2567.5	25	0	5.045	Pass
	16QAM	2502.5	25	0	5.075	Pass
		2535	25	0	5.060	Pass
		2567.5	25	0	5.048	Pass
	64QAM	2502.5	25	0	5.028	Pass
		2535	25	0	5.075	Pass
		2567.5	25	0	5.042	Pass
	256QAM	2502.5	25	0	5.024	Pass
		2535	25	0	5.096	Pass
		2567.5	25	0	5.067	Pass
10	QPSK	2505	50	0	10.020	Pass
		2535	50	0	9.956	Pass
		2565	50	0	10.002	Pass
	16QAM	2505	50	0	10.036	Pass
		2535	50	0	9.929	Pass
		2565	50	0	9.923	Pass
	64QAM	2505	50	0	9.969	Pass
		2535	50	0	9.934	Pass
		2565	50	0	9.912	Pass
	256QAM	2505	50	0	9.928	Pass
		2535	50	0	9.923	Pass
		2565	50	0	10.027	Pass
15	QPSK	2507.5	75	0	14.784	Pass
		2535	75	0	14.868	Pass
		2562.5	75	0	14.977	Pass
	16QAM	2507.5	75	0	14.956	Pass
		2535	75	0	14.938	Pass
		2562.5	75	0	14.831	Pass
	64QAM	2507.5	75	0	14.916	Pass
		2535	75	0	14.901	Pass
		2562.5	75	0	14.995	Pass
	256QAM	2507.5	75	0	14.928	Pass
		2535	75	0	14.890	Pass
		2562.5	75	0	14.879	Pass
20	QPSK	2510	100	0	19.795	Pass
		2535	100	0	19.857	Pass
		2560	100	0	19.633	Pass
	16QAM	2510	100	0	19.710	Pass
		2535	100	0	19.735	Pass
		2560	100	0	19.591	Pass
	64QAM	2510	100	0	19.809	Pass
		2535	100	0	19.764	Pass
		2560	100	0	19.700	Pass
	256QAM	2510	100	0	19.769	Pass



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		2535	100	0	19.701	Pass
		2560	100	0	19.668	Pass



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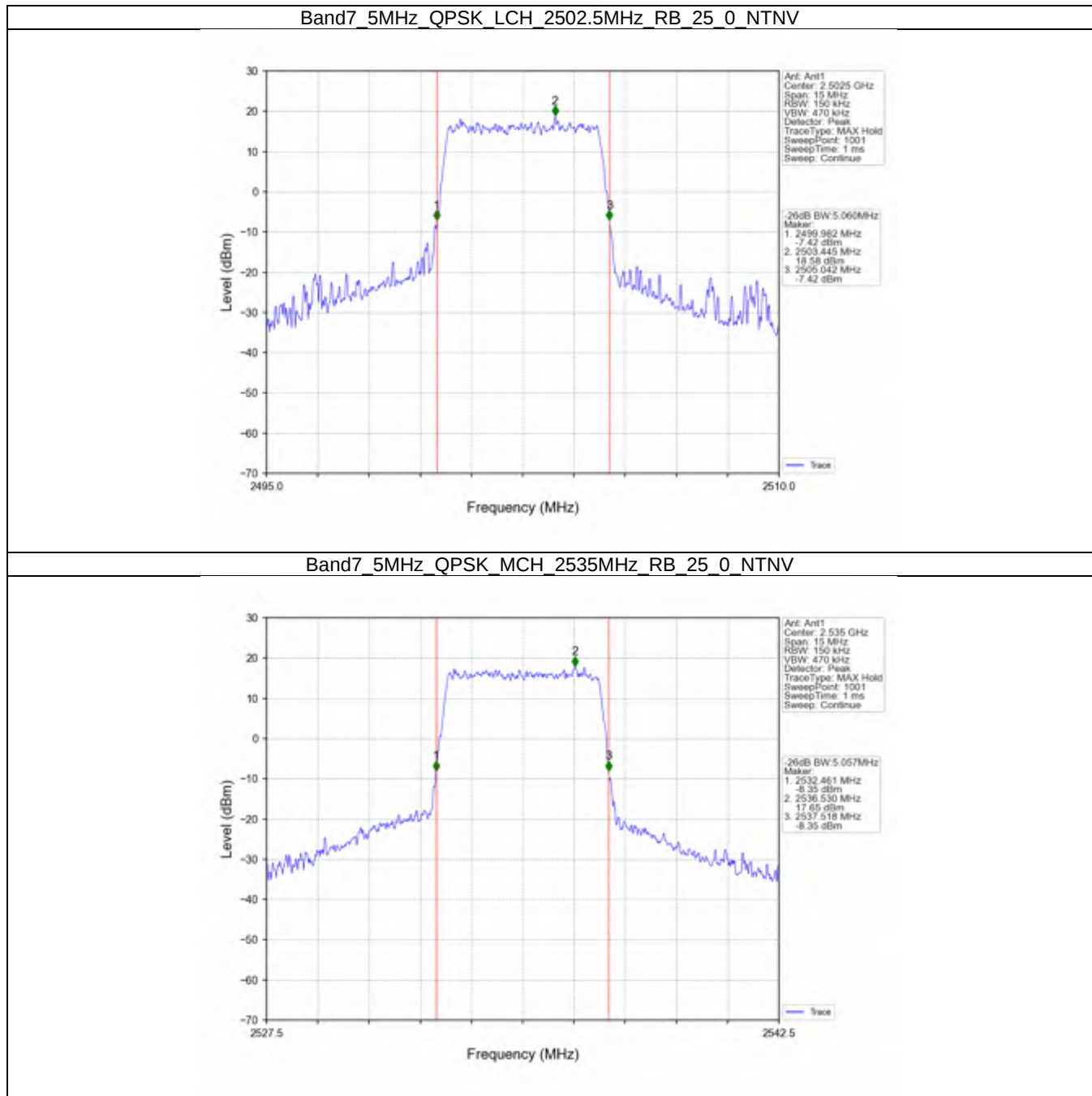
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4.2.2 Test Graph



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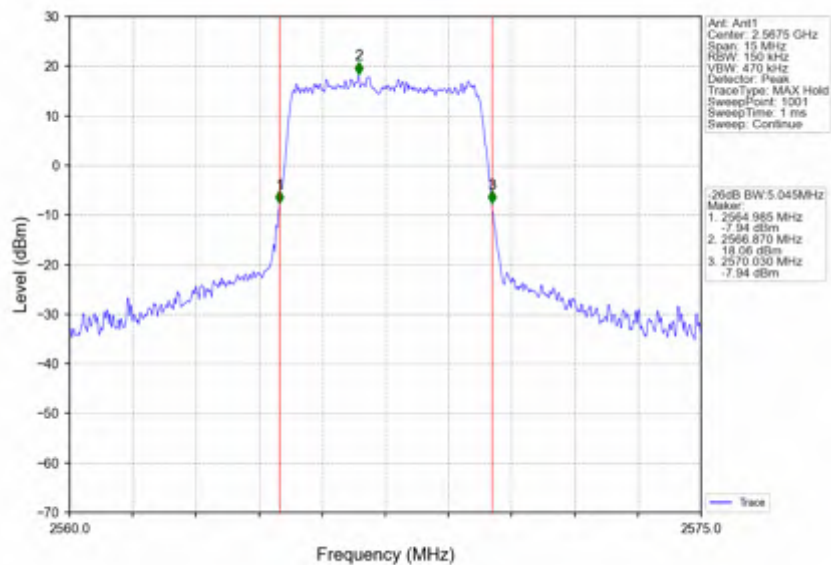
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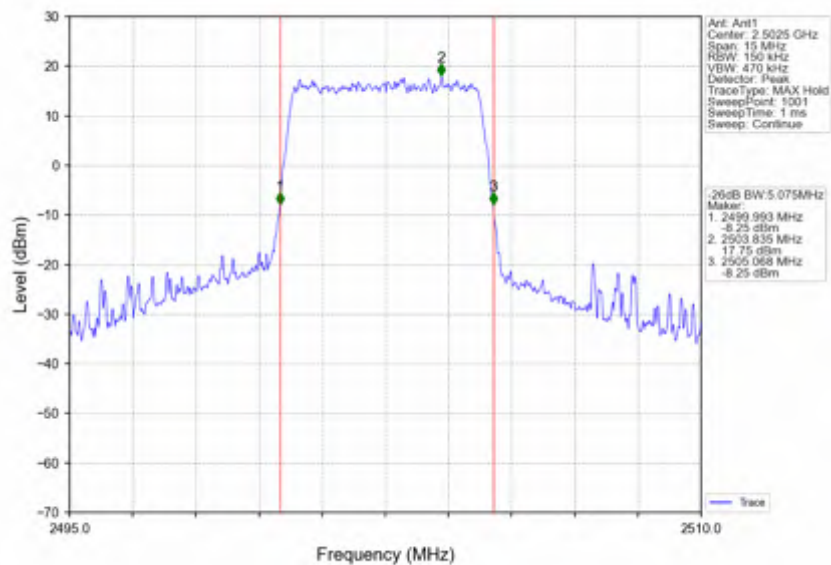
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



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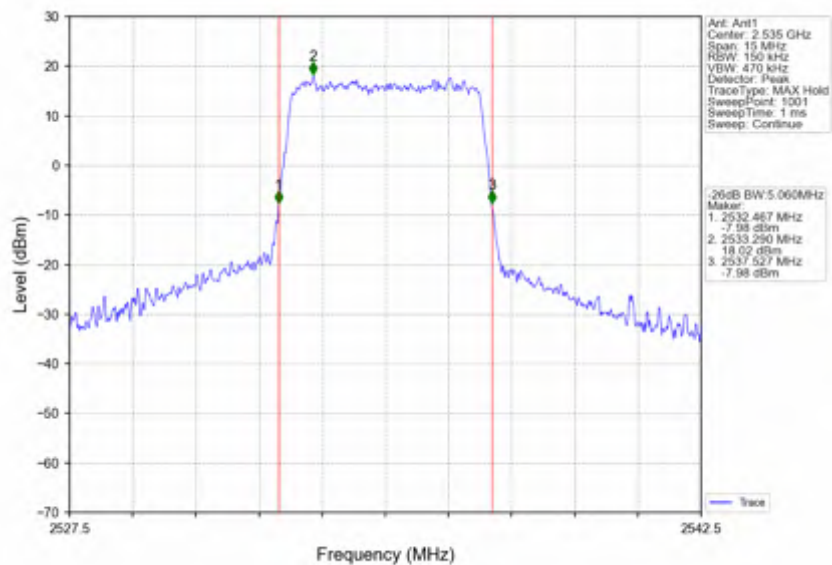
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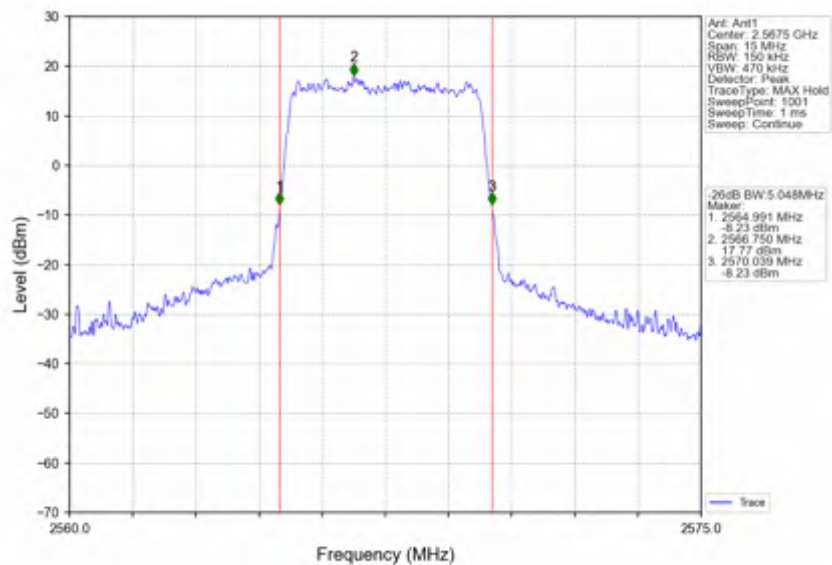
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Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTNV



Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTNV

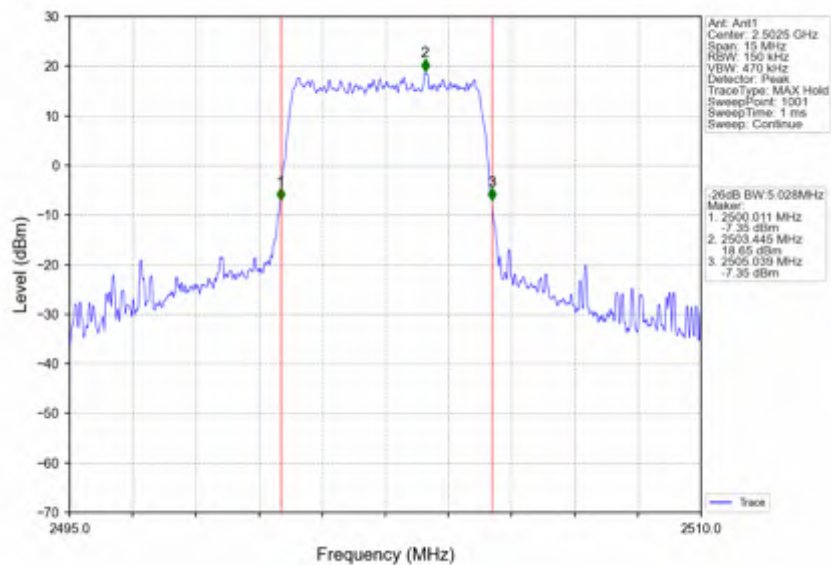


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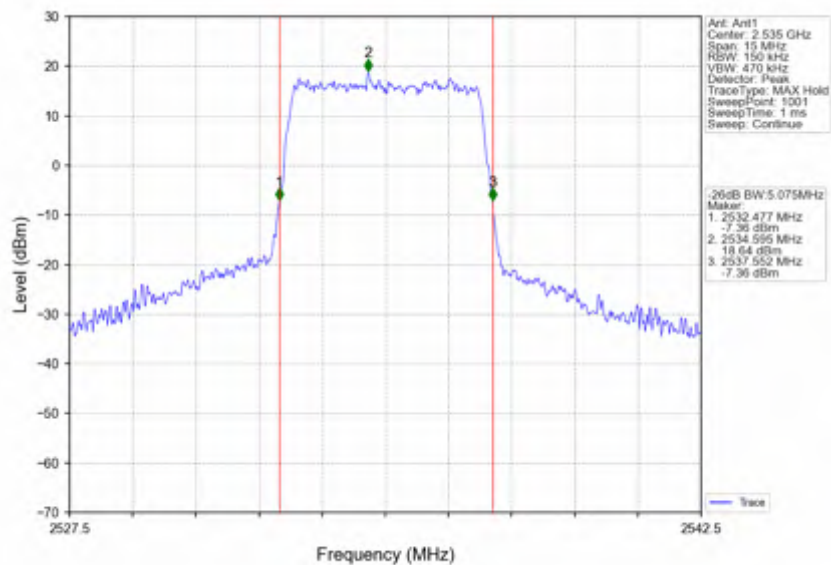
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Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



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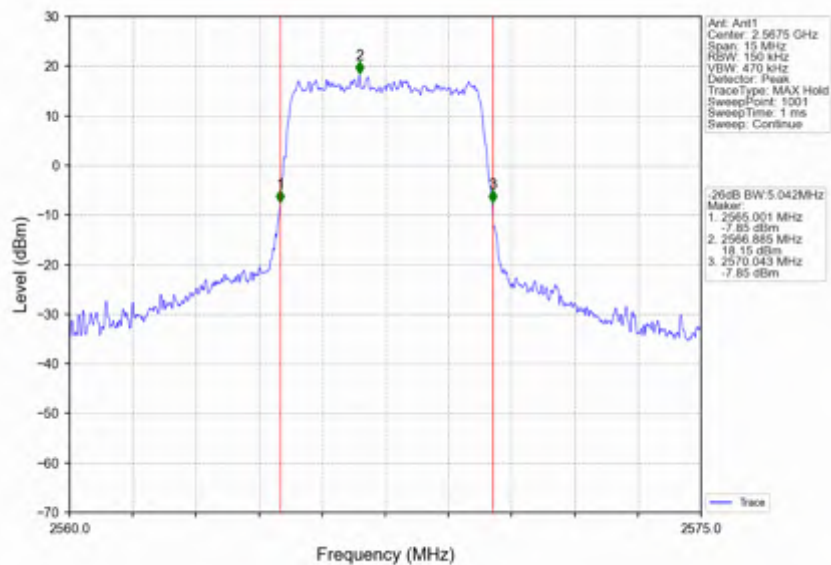
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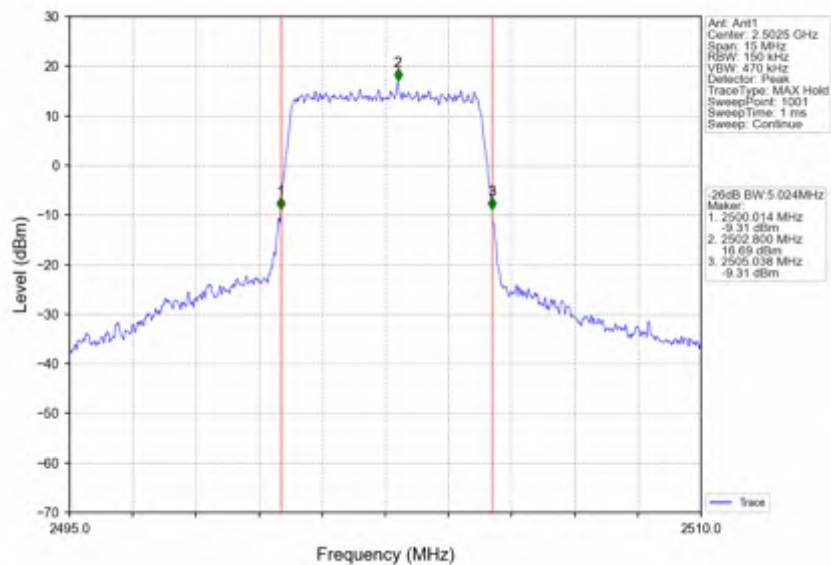
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Band7_5MHz_256QAM_LCH_2502.5MHz_RB_25_0_NTNV



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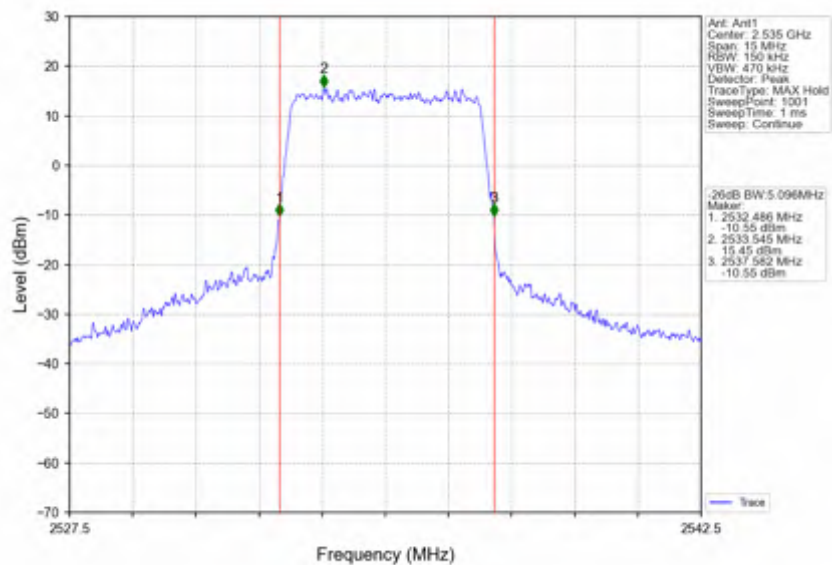
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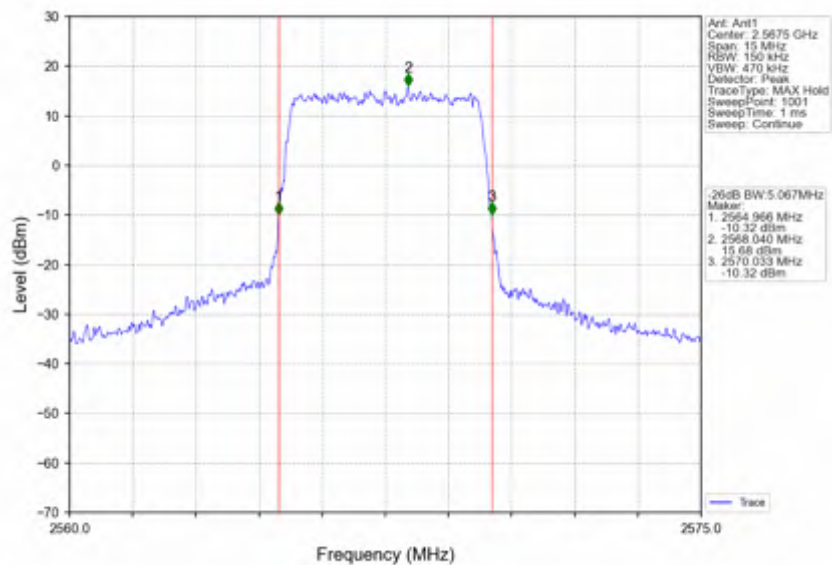
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Band7 5MHz 256QAM MCH 2535MHz RB 25 0 NTN



Band7	5MHz	256QAM	HCH	2567.5MHz	RB	25	0	NTNV
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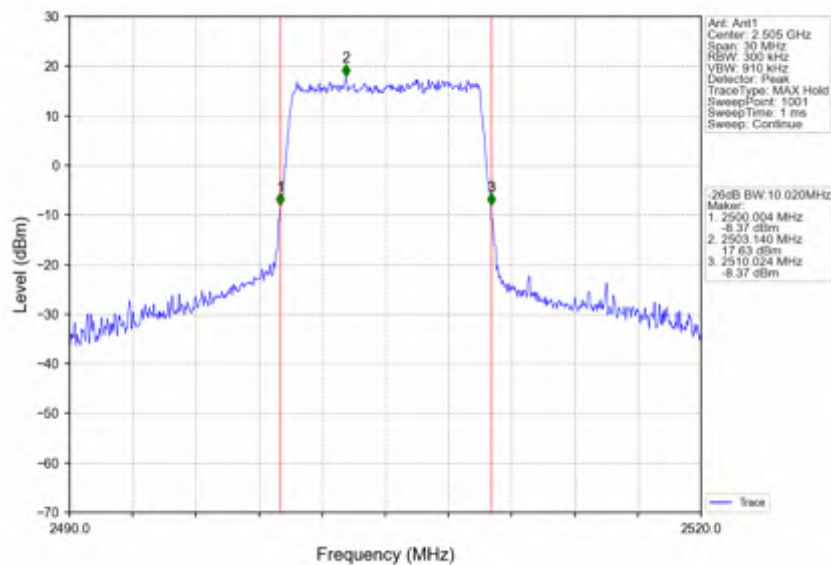
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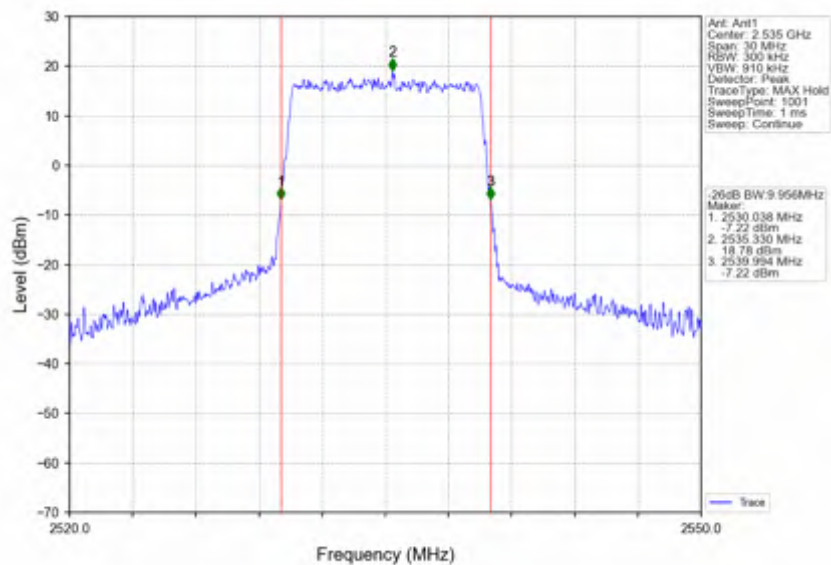
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Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



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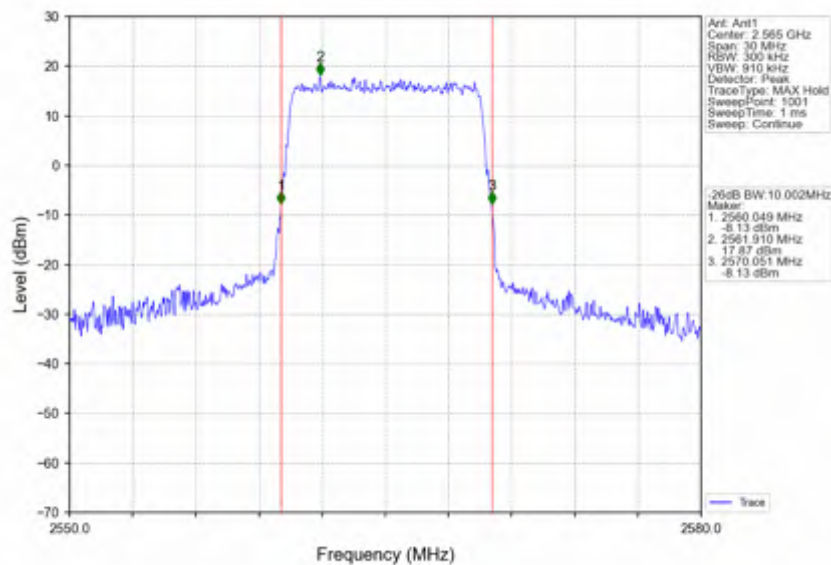
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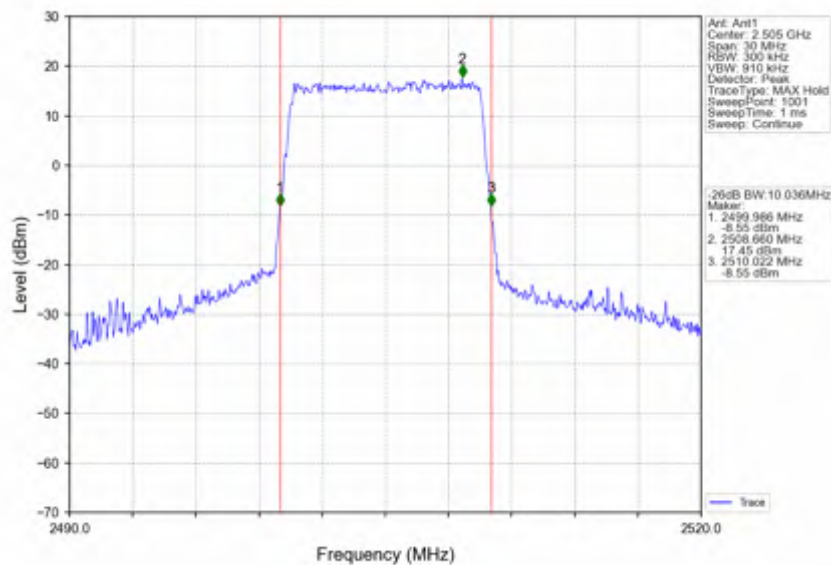
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Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



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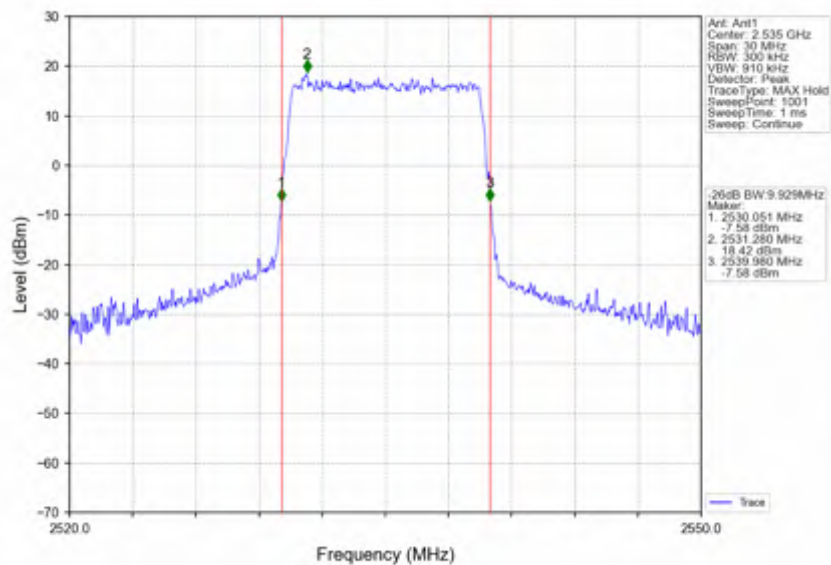
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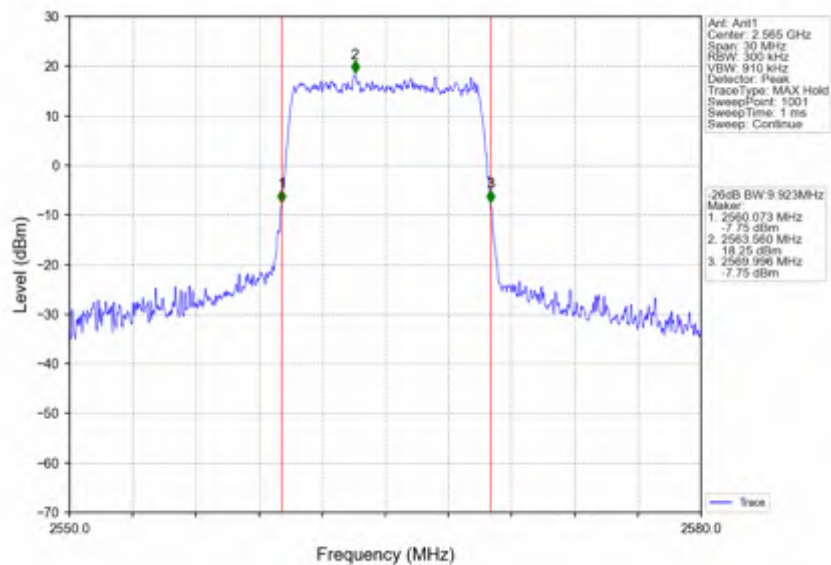
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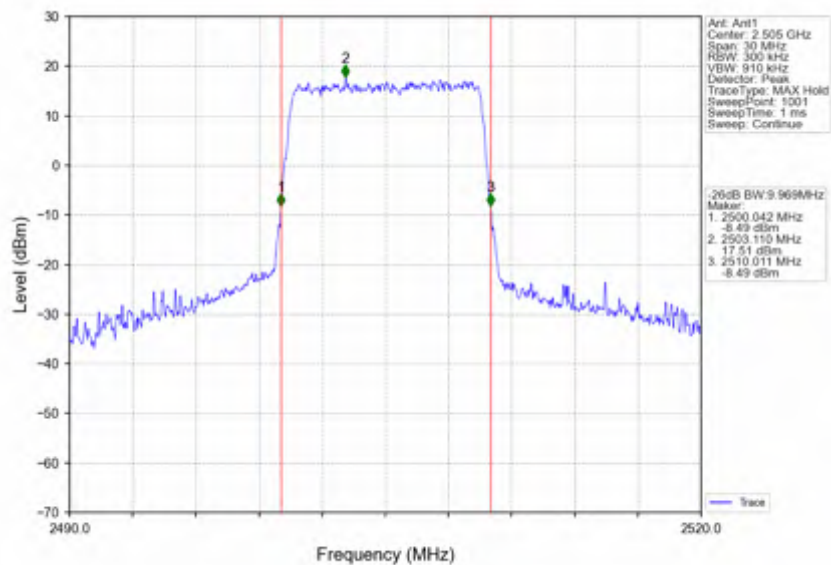


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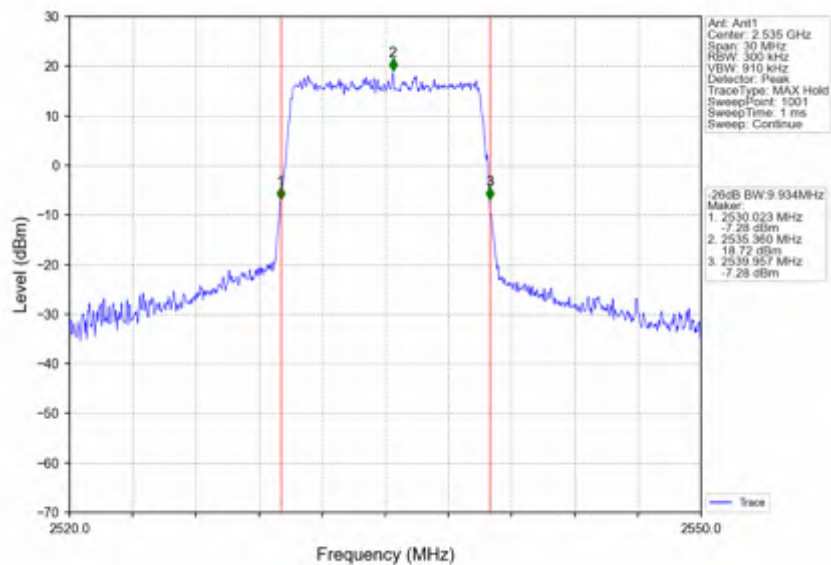
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Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV



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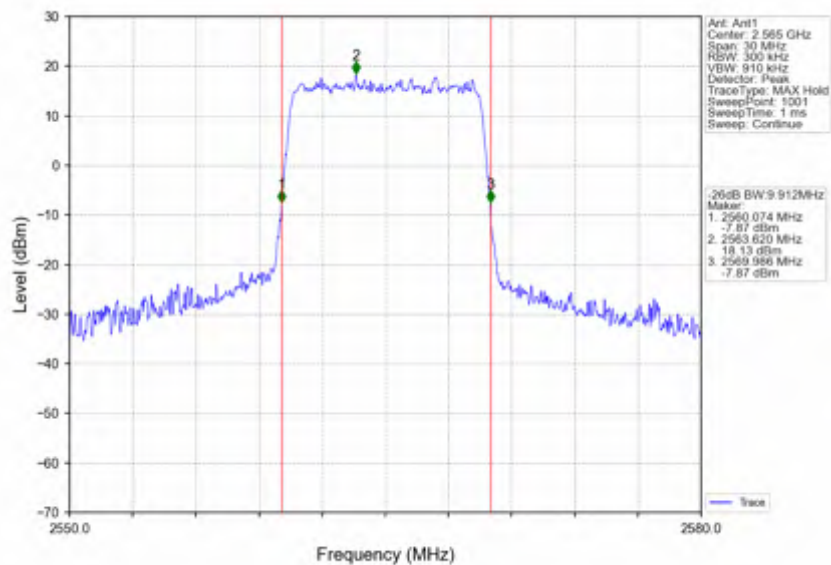
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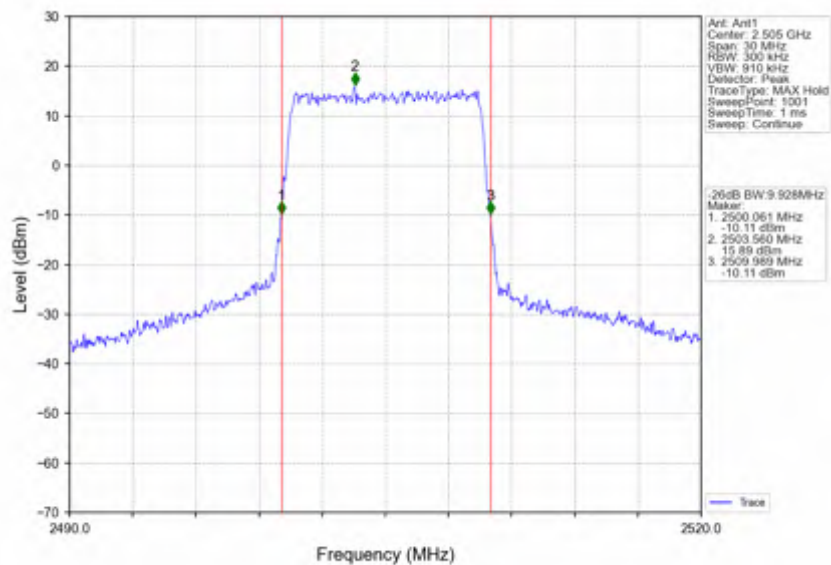
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Band7_10MHz_256QAM_LCH_2505MHz_RB_50_0_NTNV



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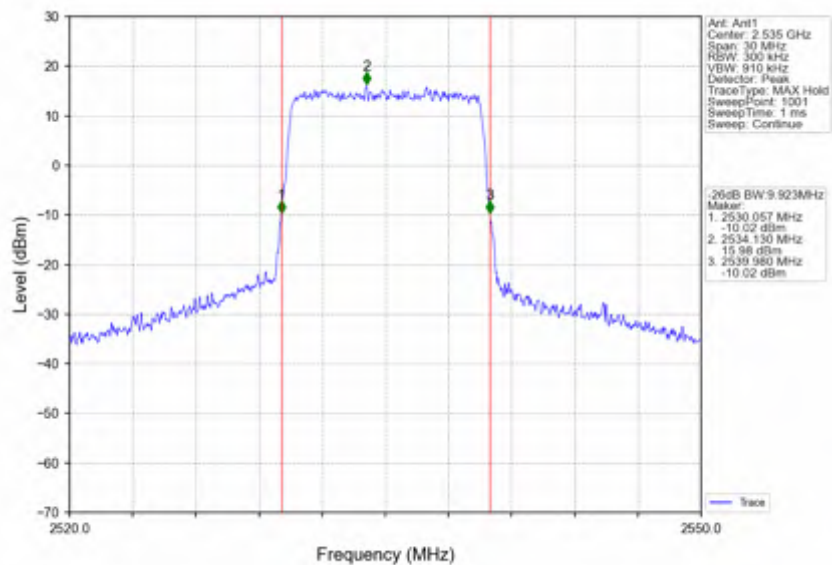
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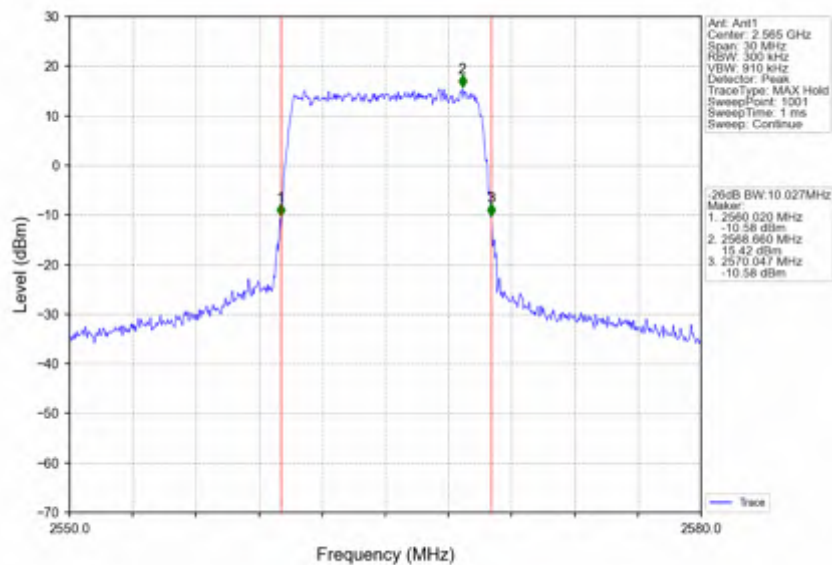
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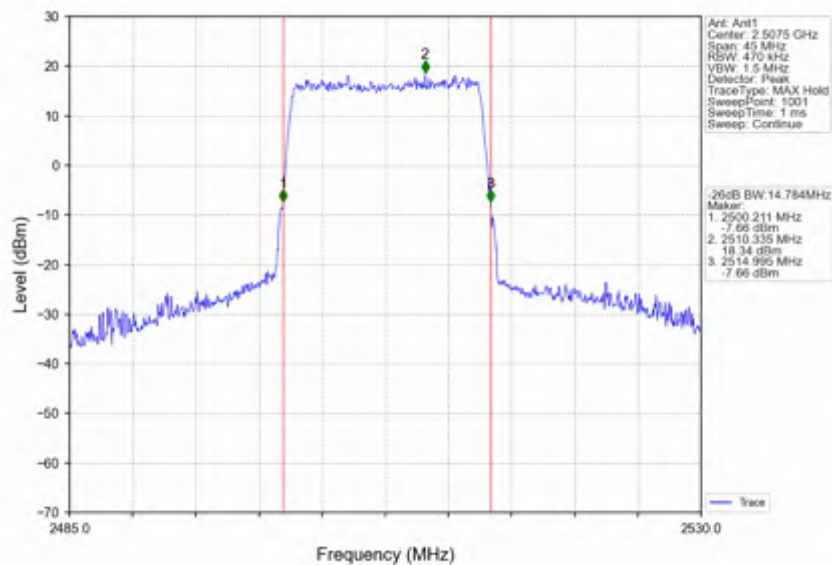
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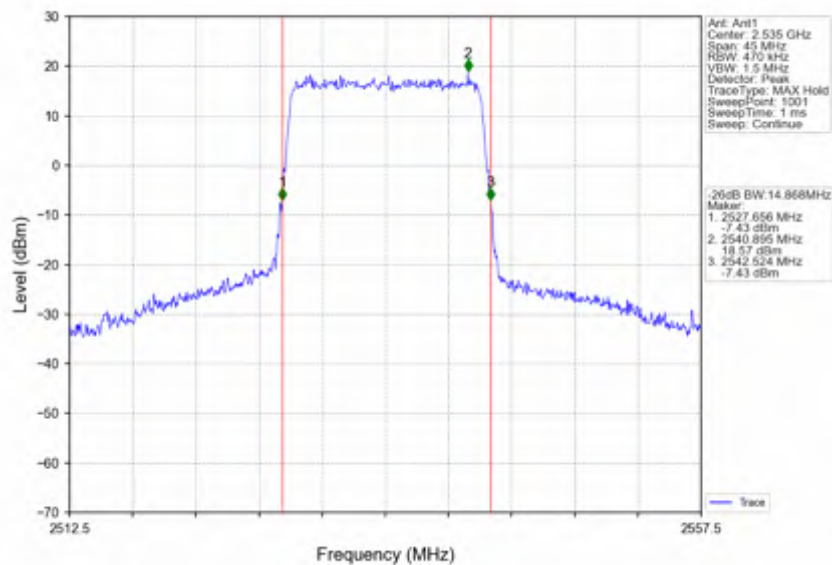
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Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



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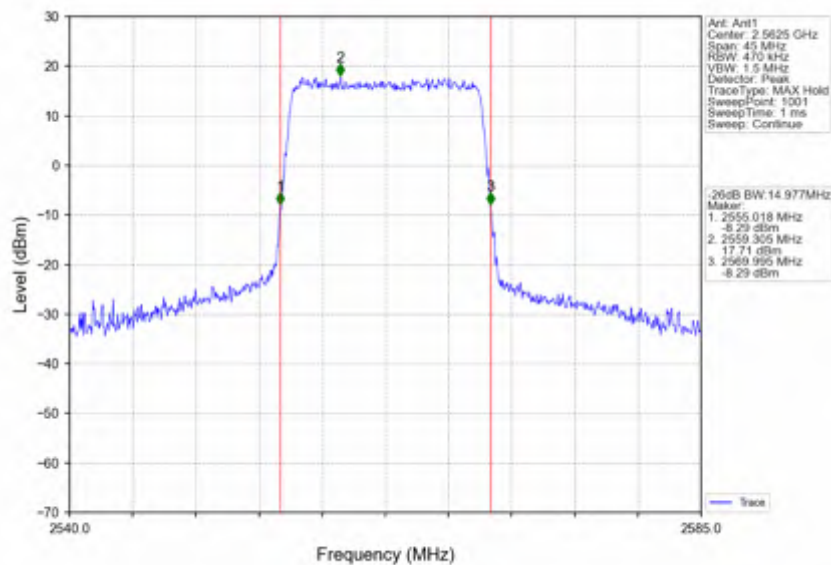
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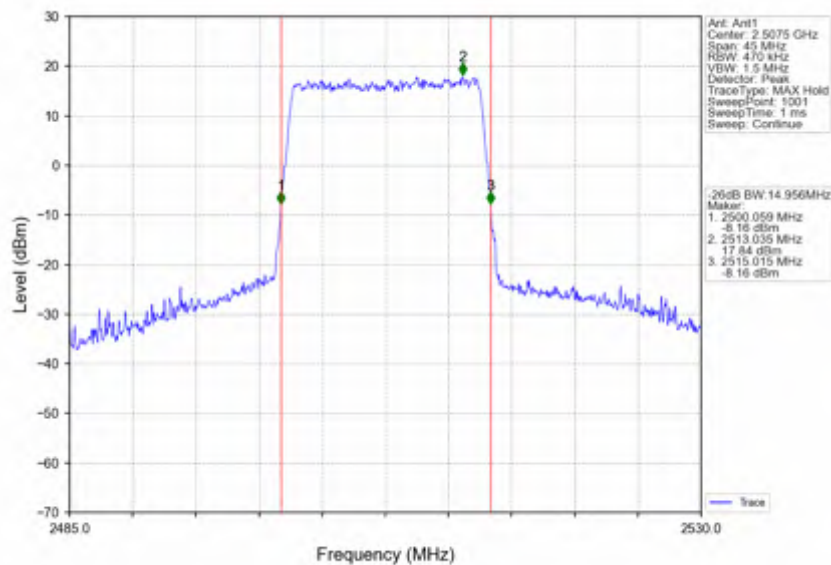
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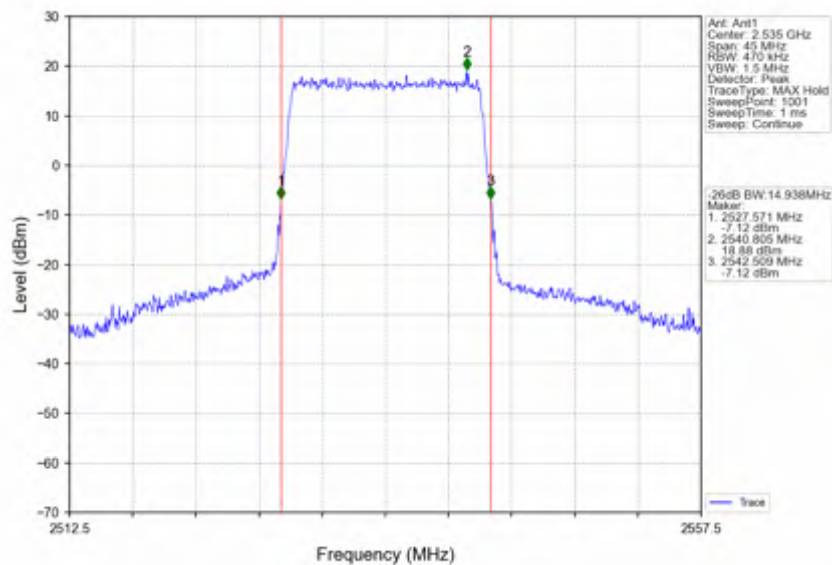
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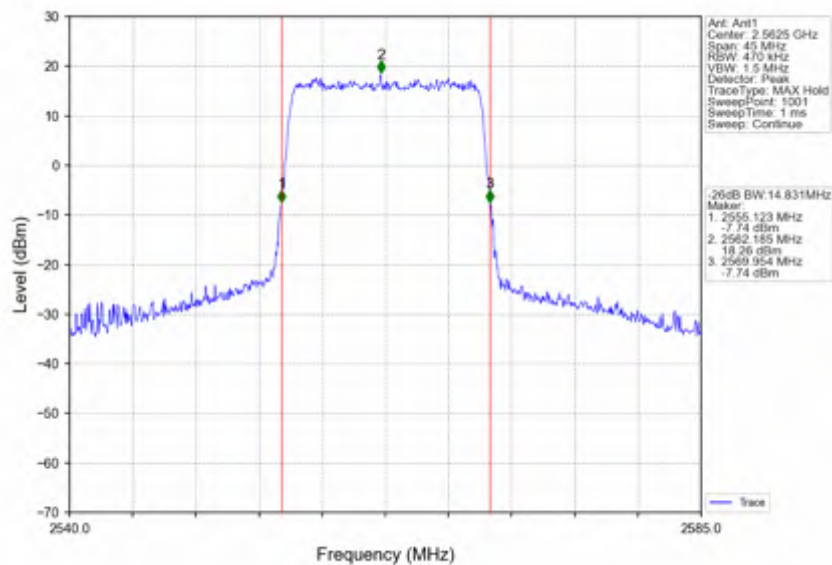
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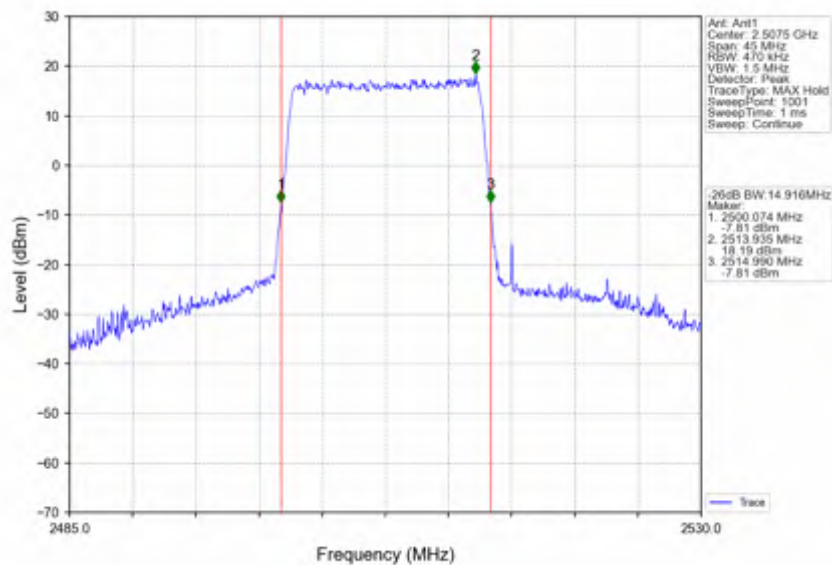
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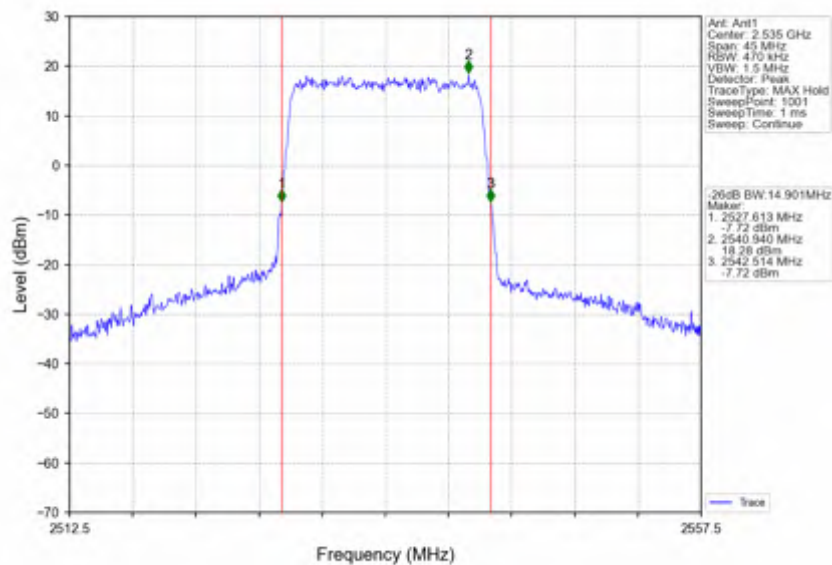
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Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTN

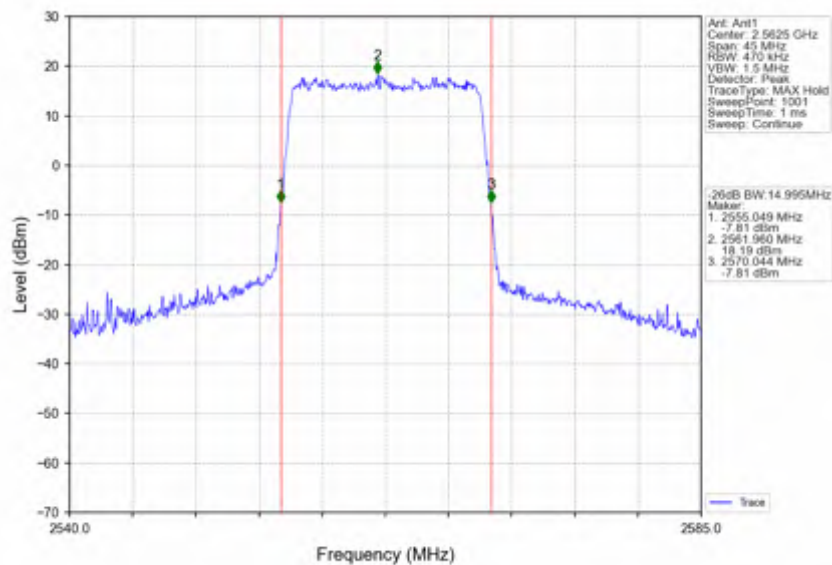


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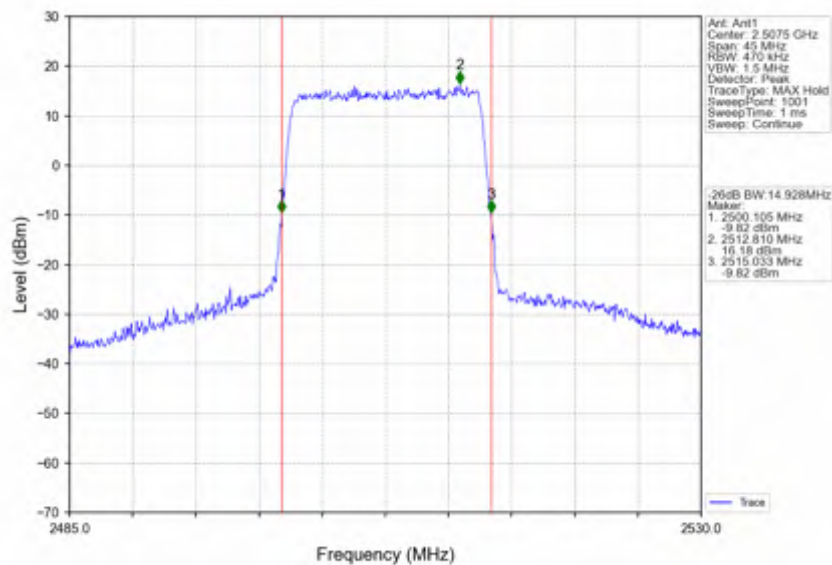
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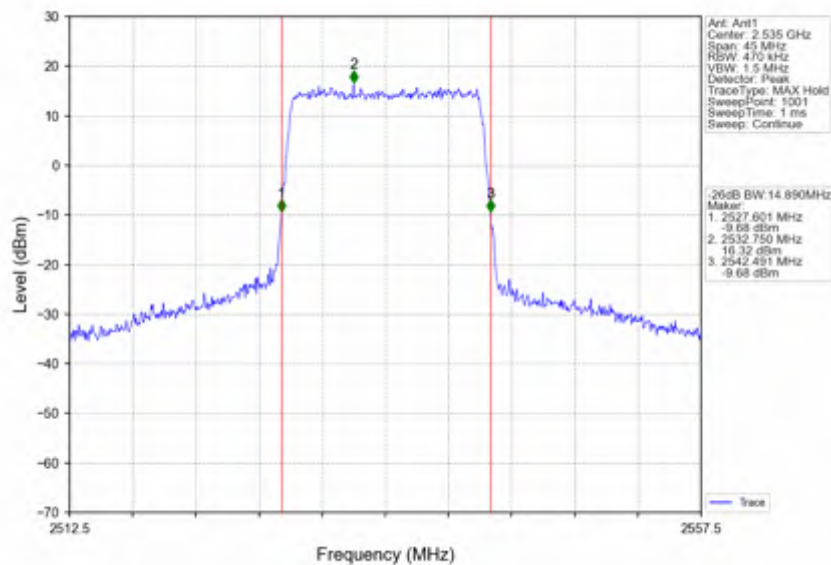
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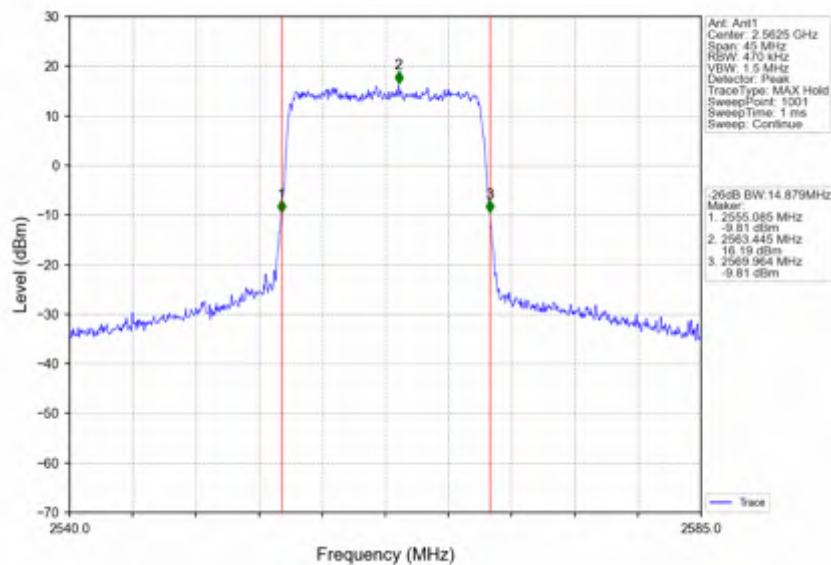
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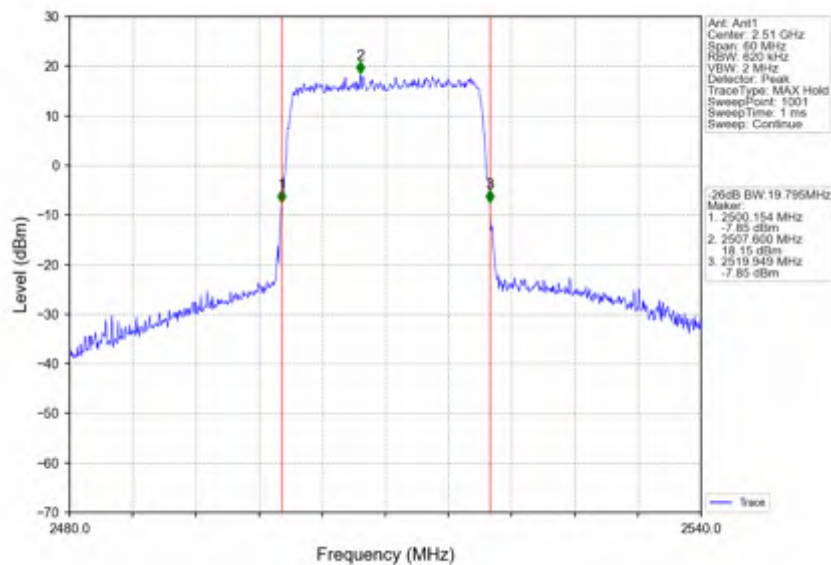
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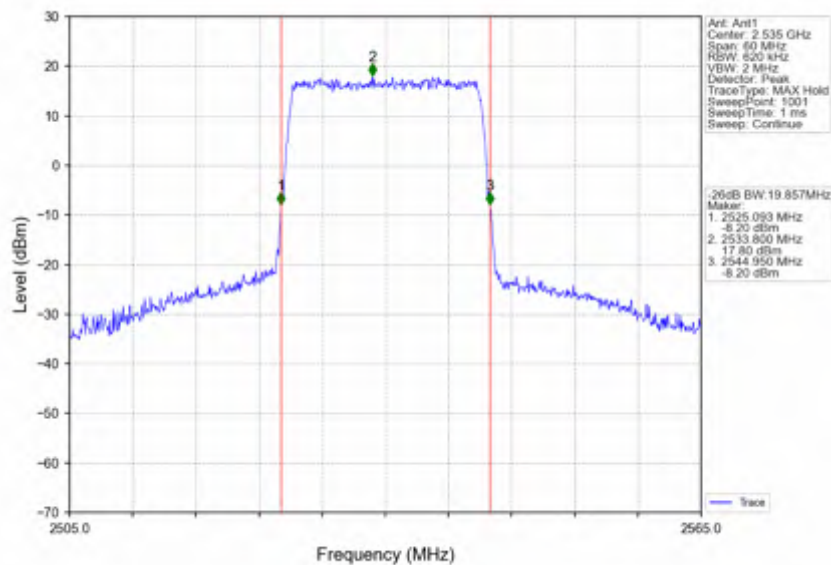
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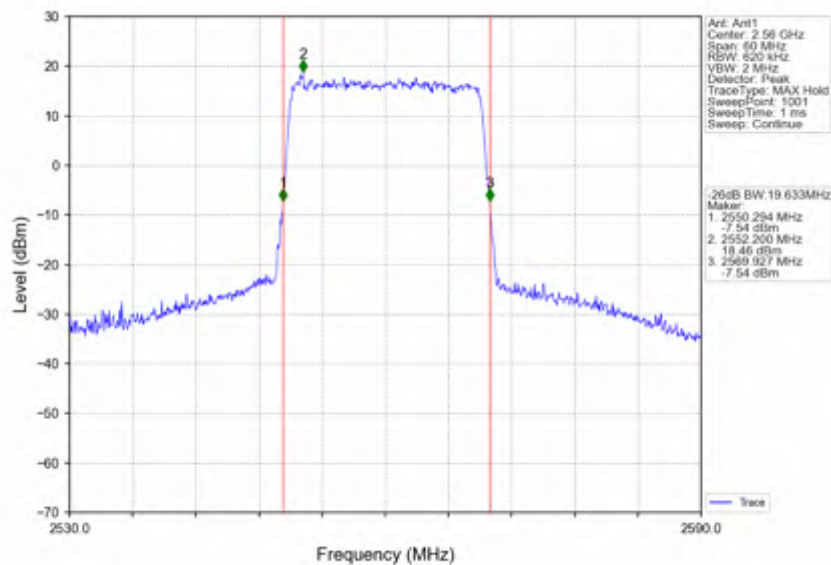
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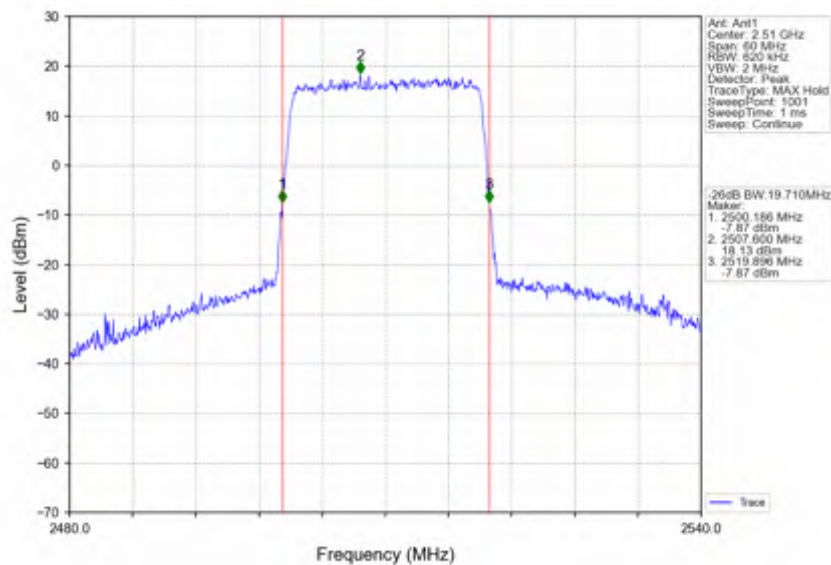
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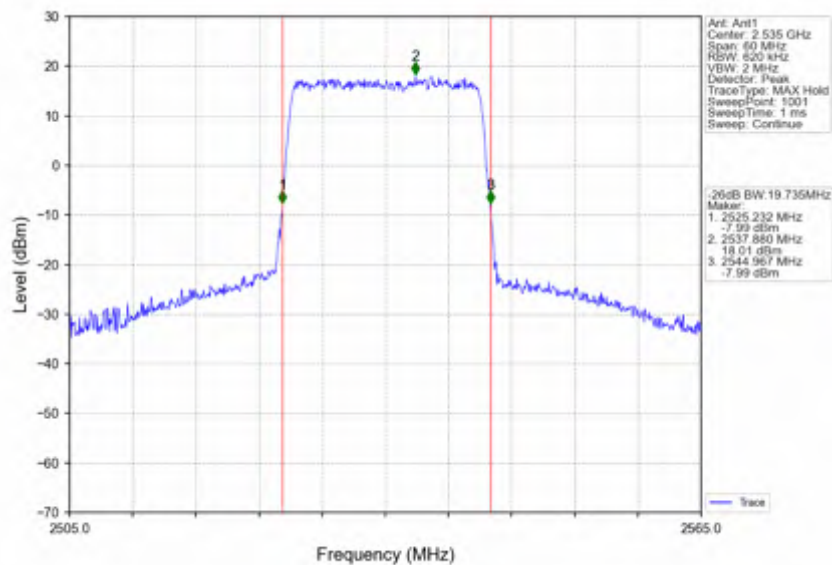
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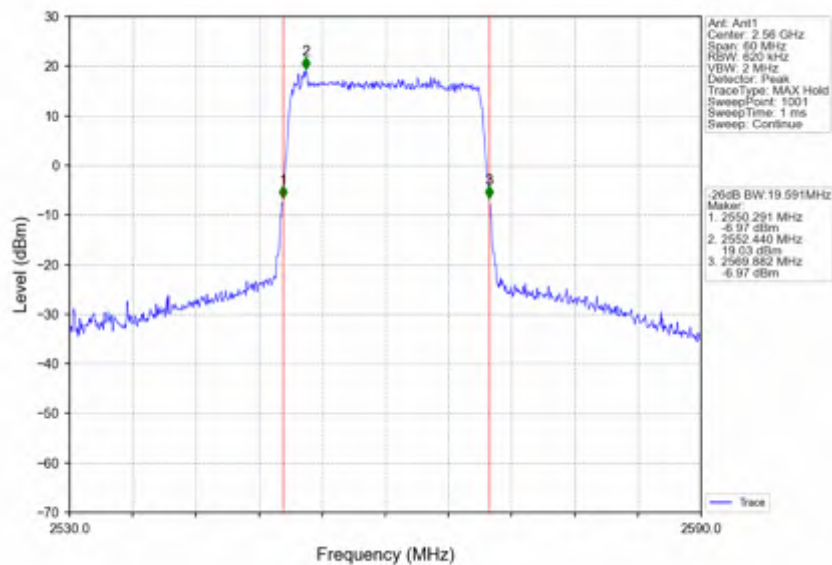
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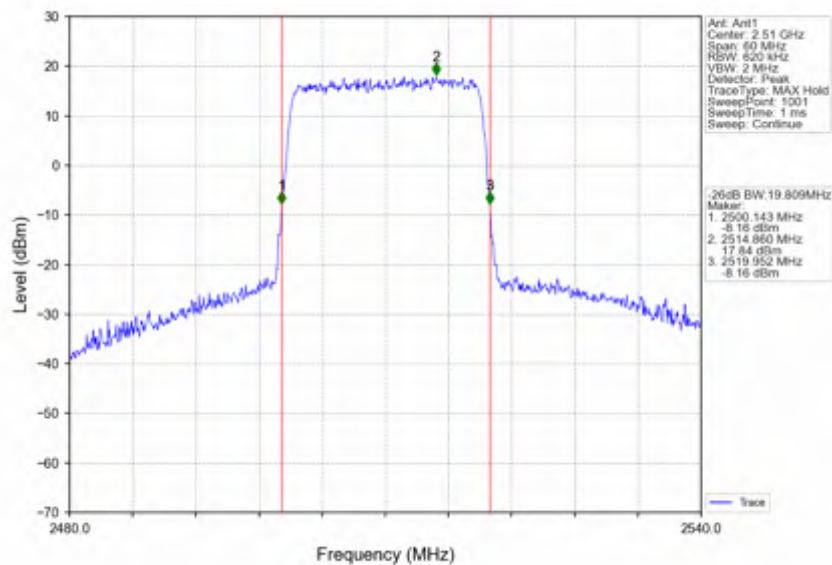
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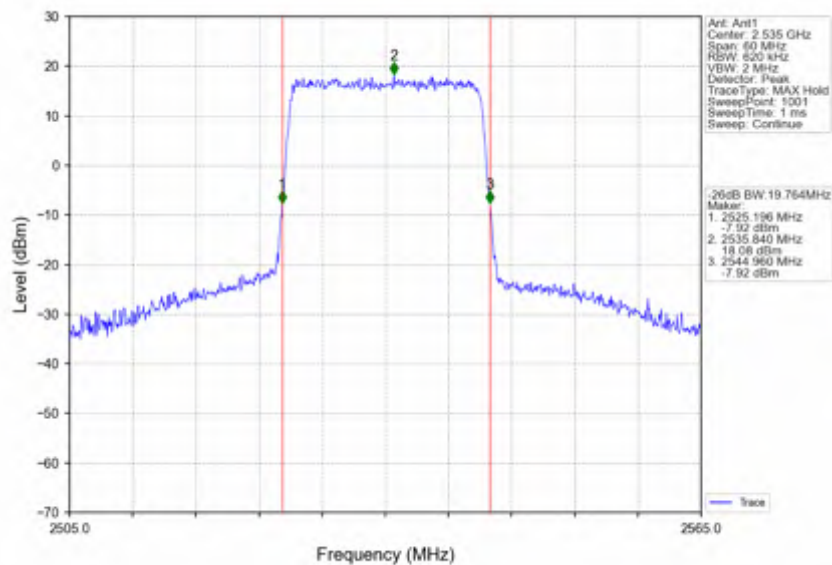
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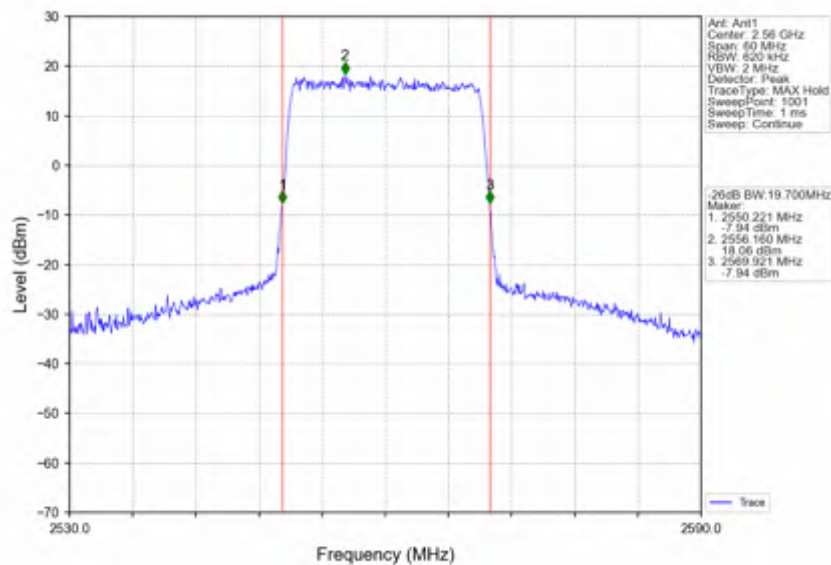
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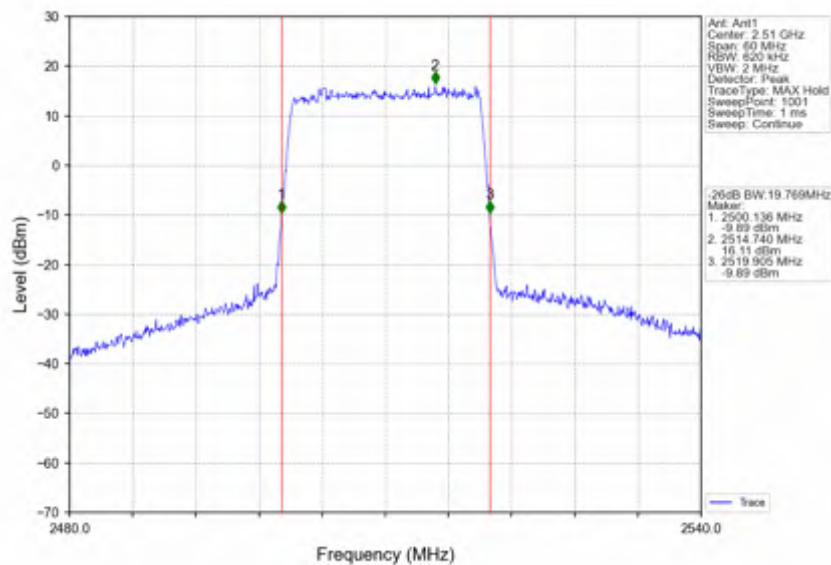
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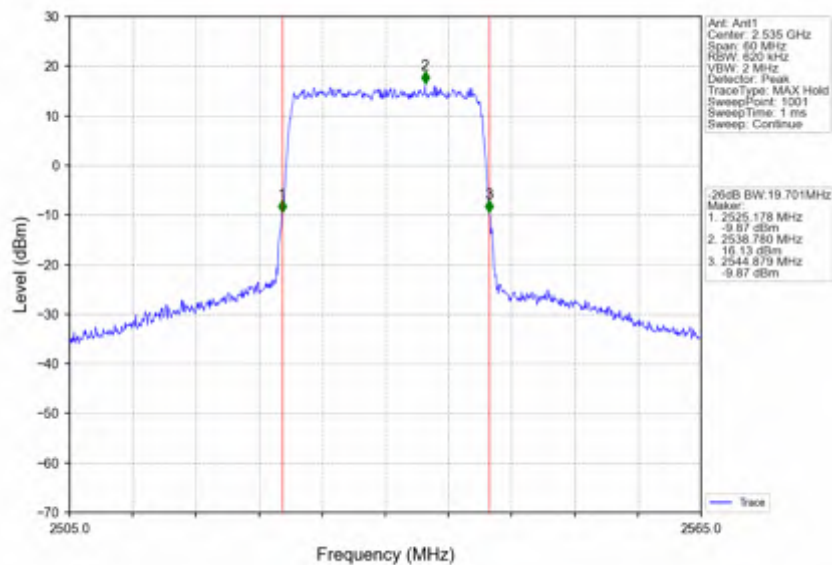
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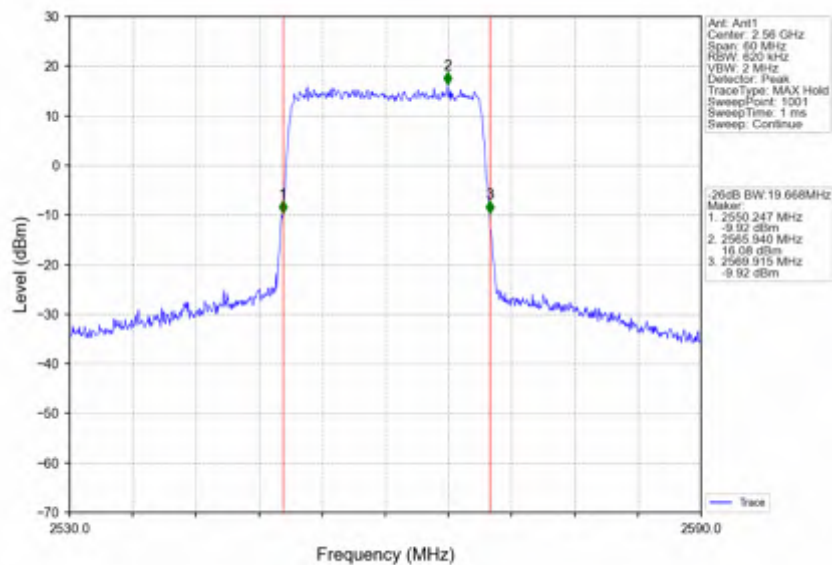
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5. 99% & 26dB Bandwidth

5.1 Band25_OBW

5.1.1 Test Result

Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.108	Pass
		1882.5	6	0	1.112	Pass
		1914.3	6	0	1.112	Pass
	16QAM	1850.7	6	0	1.111	Pass
		1882.5	6	0	1.110	Pass
		1914.3	6	0	1.115	Pass
	64QAM	1850.7	6	0	1.111	Pass
		1882.5	6	0	1.110	Pass
		1914.3	6	0	1.112	Pass
	256QAM	1850.7	6	0	1.105	Pass
		1882.5	6	0	1.119	Pass
		1914.3	6	0	1.104	Pass
3	QPSK	1851.5	15	0	2.743	Pass
		1882.5	15	0	2.727	Pass
		1913.5	15	0	2.723	Pass
	16QAM	1851.5	15	0	2.737	Pass
		1882.5	15	0	2.732	Pass
		1913.5	15	0	2.729	Pass
	64QAM	1851.5	15	0	2.735	Pass
		1882.5	15	0	2.729	Pass
		1913.5	15	0	2.720	Pass
	256QAM	1851.5	15	0	2.736	Pass
		1882.5	15	0	2.738	Pass
		1913.5	15	0	2.717	Pass
5	QPSK	1852.5	25	0	4.542	Pass
		1882.5	25	0	4.548	Pass
		1912.5	25	0	4.537	Pass
	16QAM	1852.5	25	0	4.549	Pass
		1882.5	25	0	4.544	Pass
		1912.5	25	0	4.532	Pass
	64QAM	1852.5	25	0	4.543	Pass
		1882.5	25	0	4.534	Pass
		1912.5	25	0	4.536	Pass
	256QAM	1852.5	25	0	4.554	Pass
		1882.5	25	0	4.544	Pass
		1912.5	25	0	4.563	Pass
10	QPSK	1855	50	0	9.063	Pass
		1882.5	50	0	9.067	Pass
		1910	50	0	9.028	Pass
	16QAM	1855	50	0	9.037	Pass
		1882.5	50	0	9.072	Pass
		1910	50	0	9.014	Pass
	64QAM	1855	50	0	9.020	Pass
		1855	50	0	9.020	Pass



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	256QAM	1882.5	50	0	9.069	Pass
		1910	50	0	9.041	Pass
		1855	50	0	9.036	Pass
		1882.5	50	0	9.046	Pass
		1910	50	0	9.077	Pass
15	QPSK	1857.5	75	0	13.557	Pass
		1882.5	75	0	13.538	Pass
		1907.5	75	0	13.517	Pass
	16QAM	1857.5	75	0	13.541	Pass
		1882.5	75	0	13.561	Pass
		1907.5	75	0	13.543	Pass
	64QAM	1857.5	75	0	13.539	Pass
		1882.5	75	0	13.574	Pass
		1907.5	75	0	13.551	Pass
	256QAM	1857.5	75	0	13.558	Pass
		1882.5	75	0	13.602	Pass
		1907.5	75	0	13.509	Pass
20	QPSK	1860	100	0	18.015	Pass
		1882.5	100	0	18.063	Pass
		1905	100	0	18.050	Pass
	16QAM	1860	100	0	18.024	Pass
		1882.5	100	0	18.059	Pass
		1905	100	0	18.037	Pass
	64QAM	1860	100	0	17.961	Pass
		1882.5	100	0	18.080	Pass
		1905	100	0	18.045	Pass
	256QAM	1860	100	0	18.044	Pass
		1882.5	100	0	18.065	Pass
		1905	100	0	18.041	Pass



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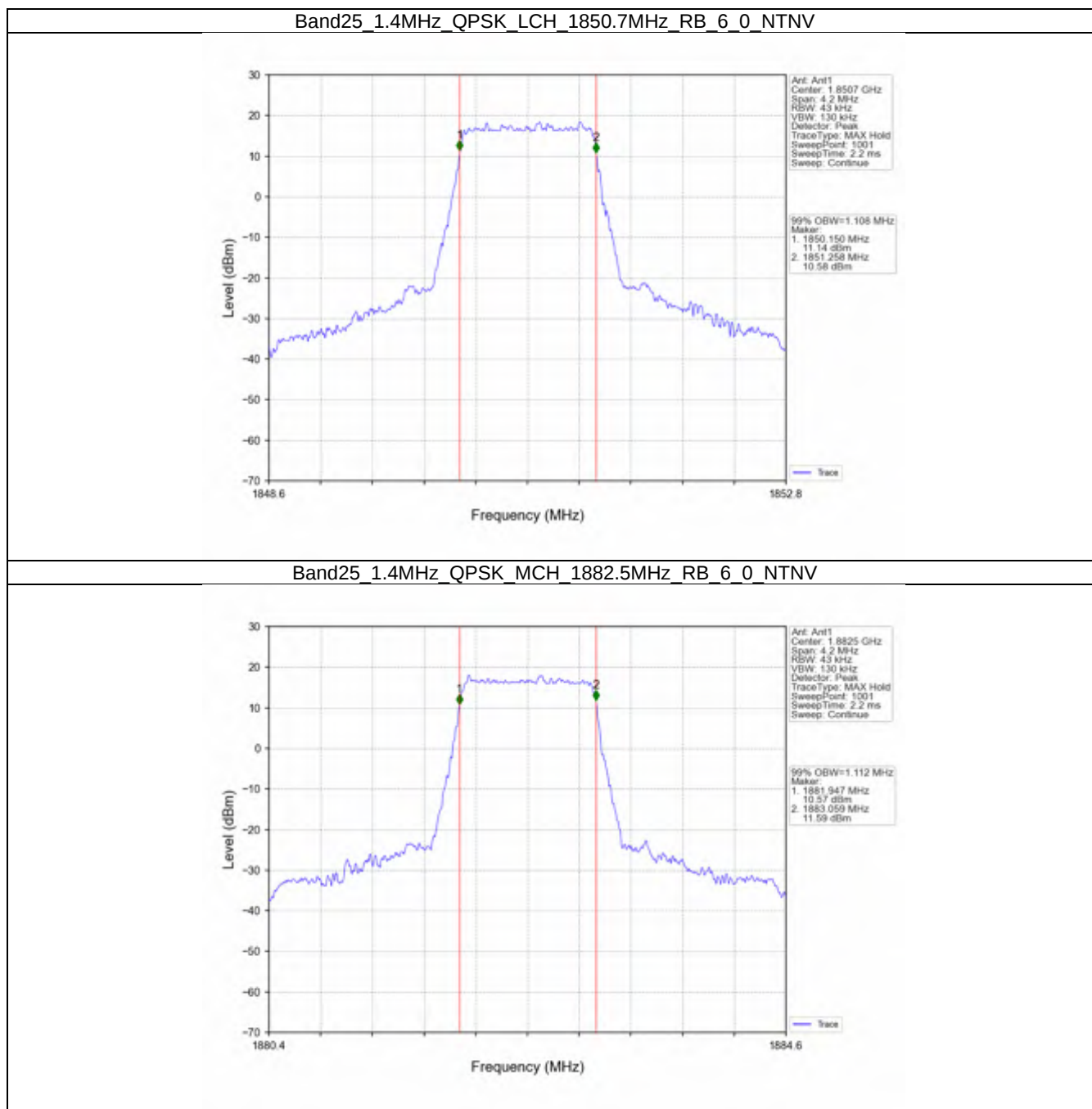
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5.1.2 Test Graph



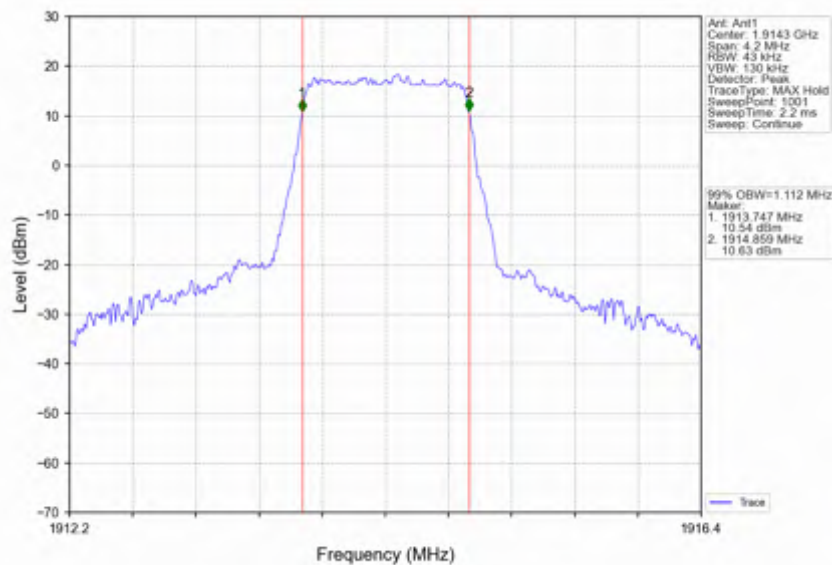
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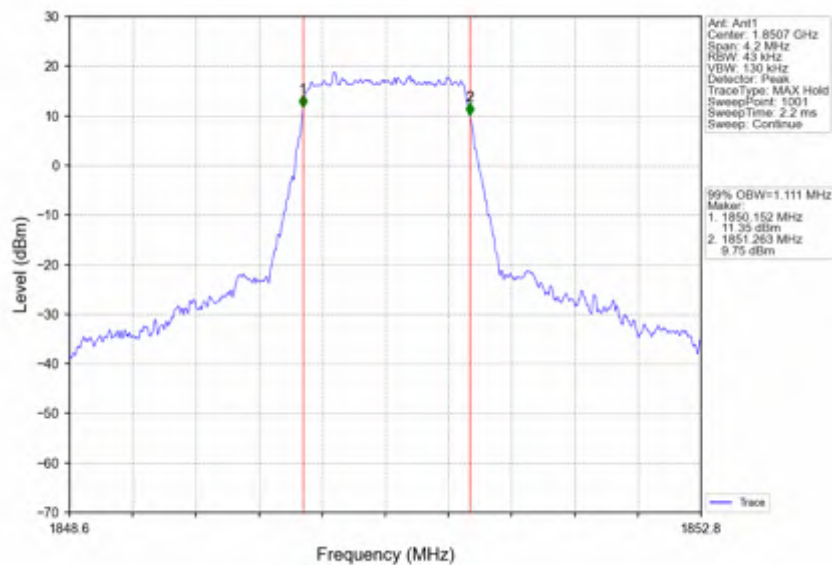
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Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



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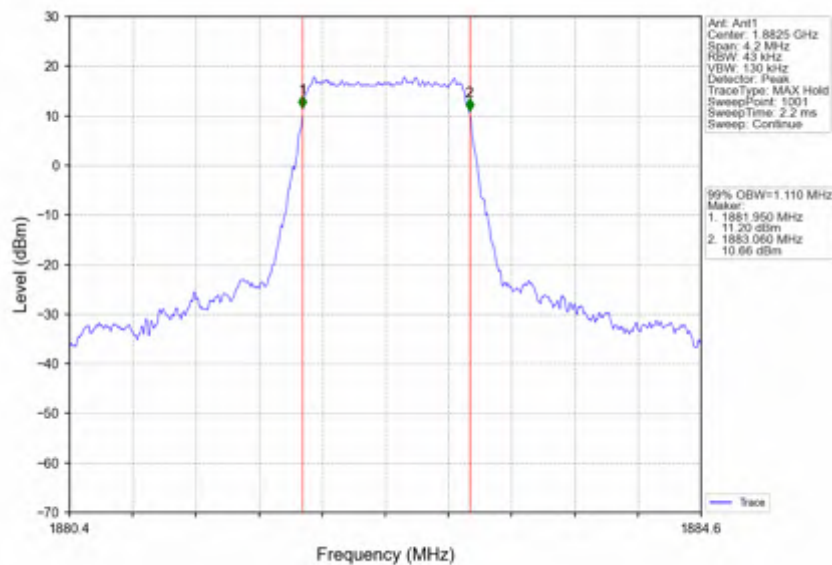
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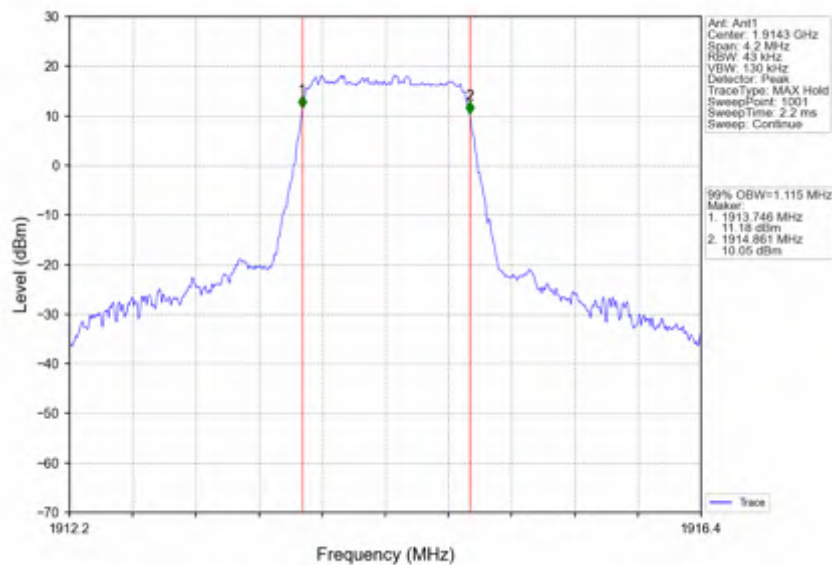
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Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



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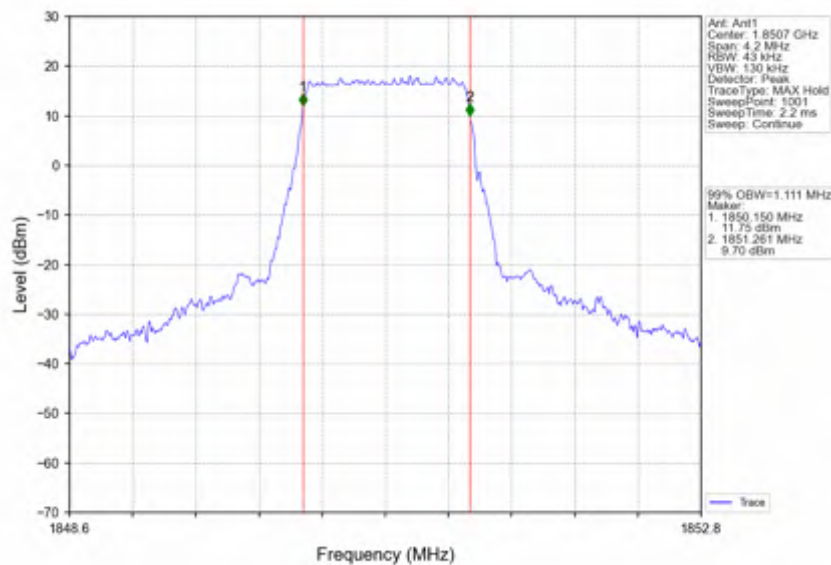
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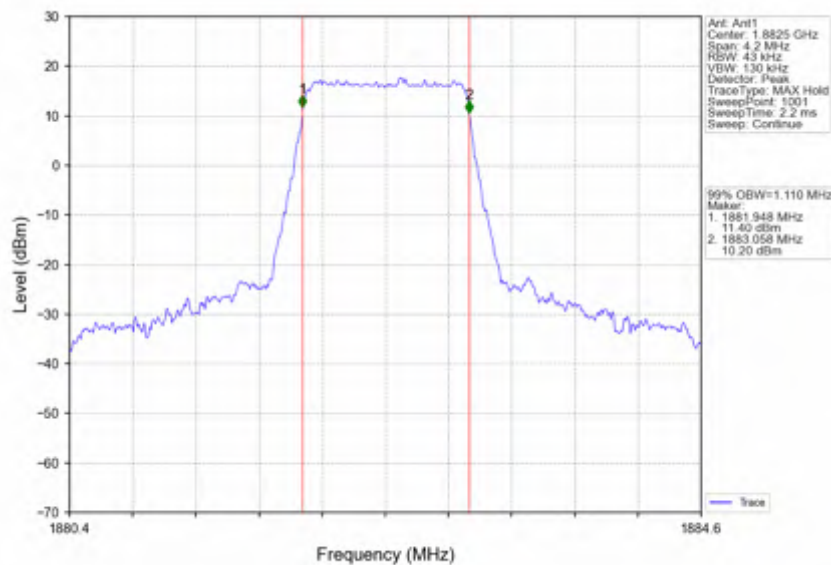
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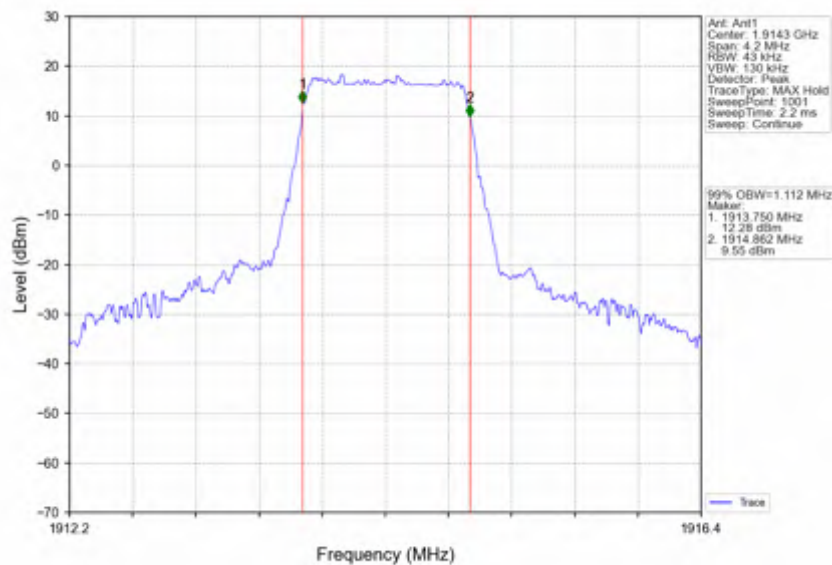
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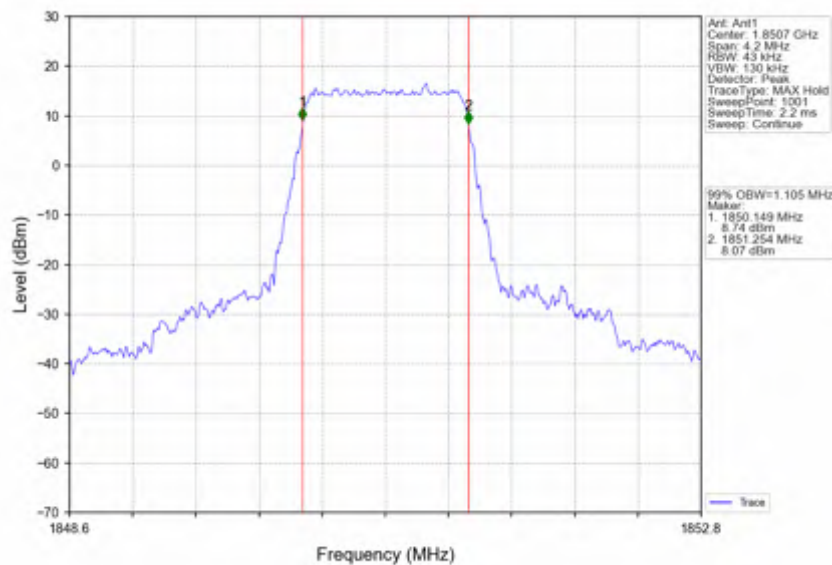
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Band25_1.4MHz_64QAM_HCH_1914.3MHz_RB_6_0_NTNV



Band25_1.4MHz_256QAM_LCH_1850.7MHz_RB_6_0_NTNV



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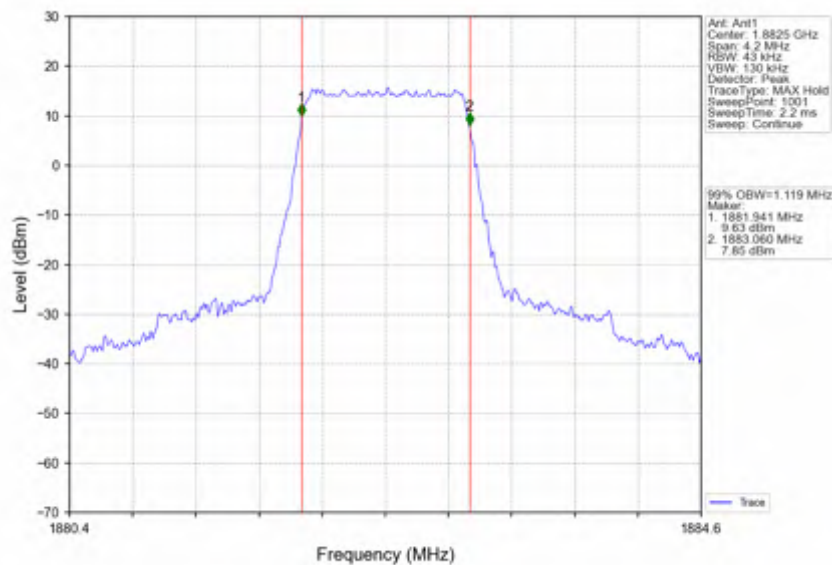
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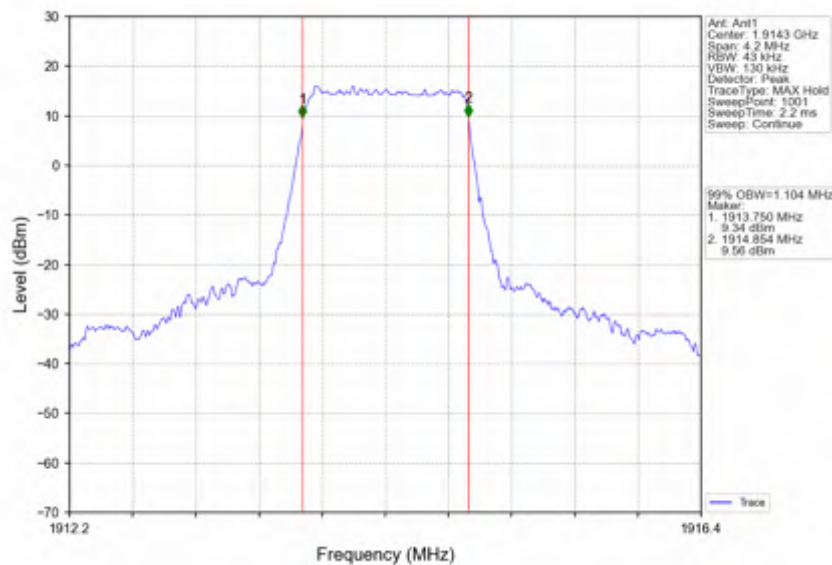
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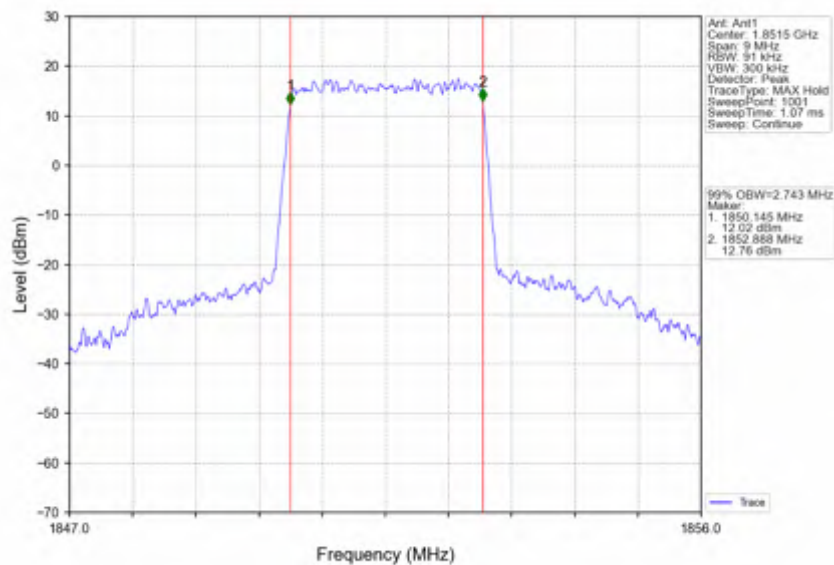
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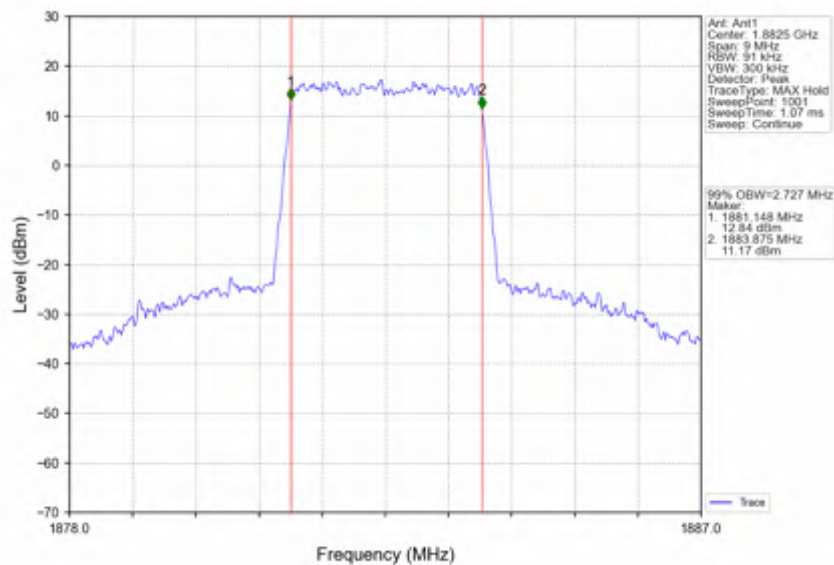
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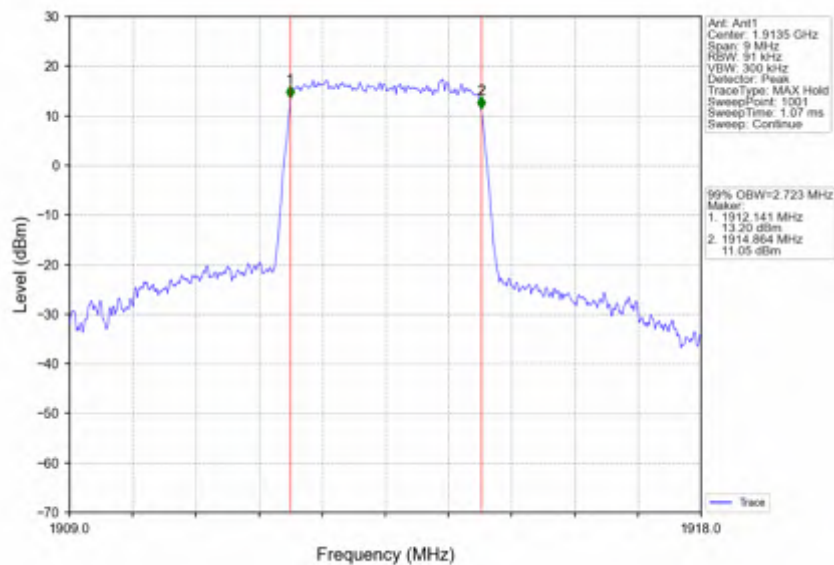
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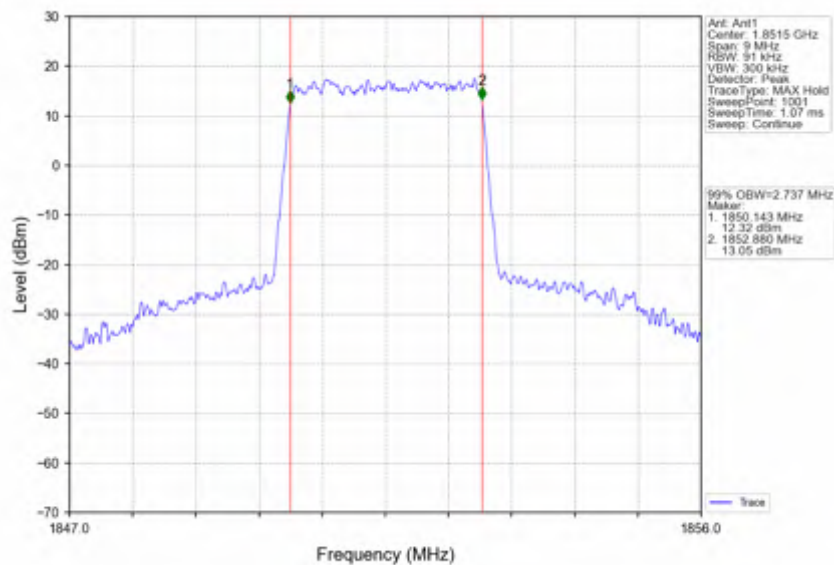
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Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



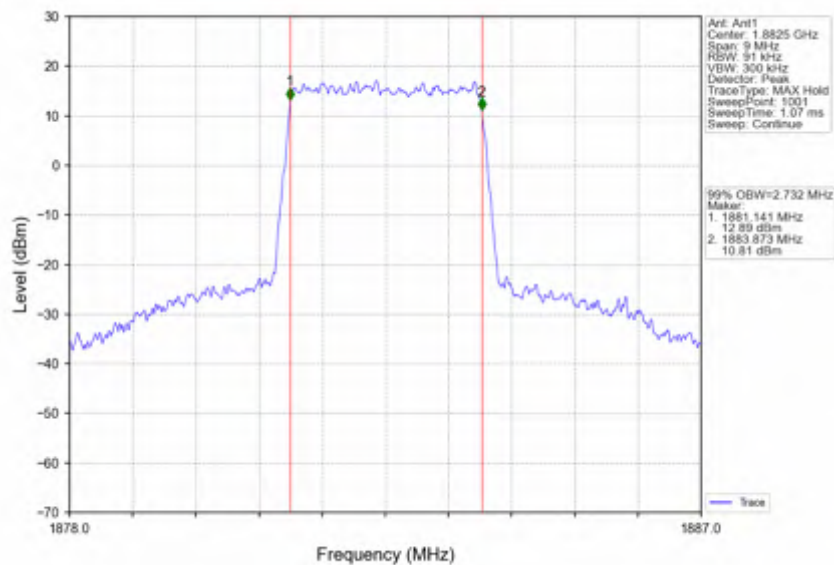
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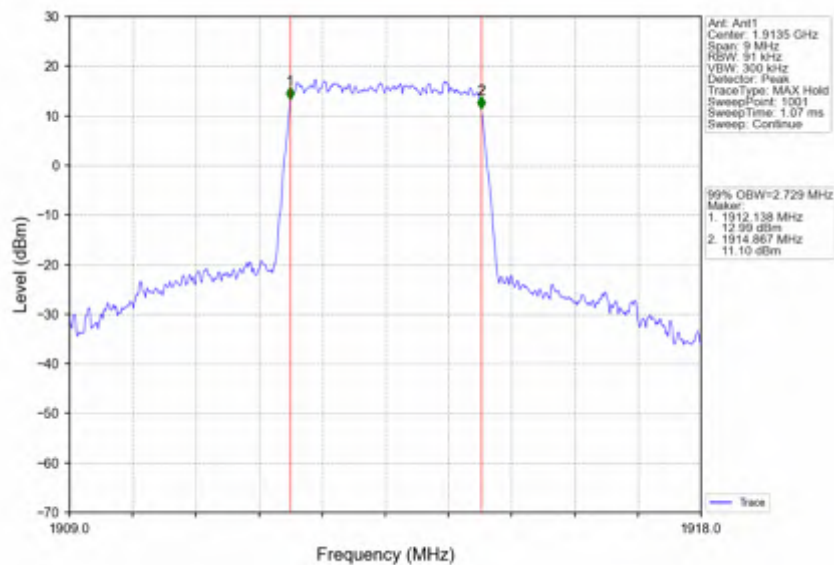
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Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



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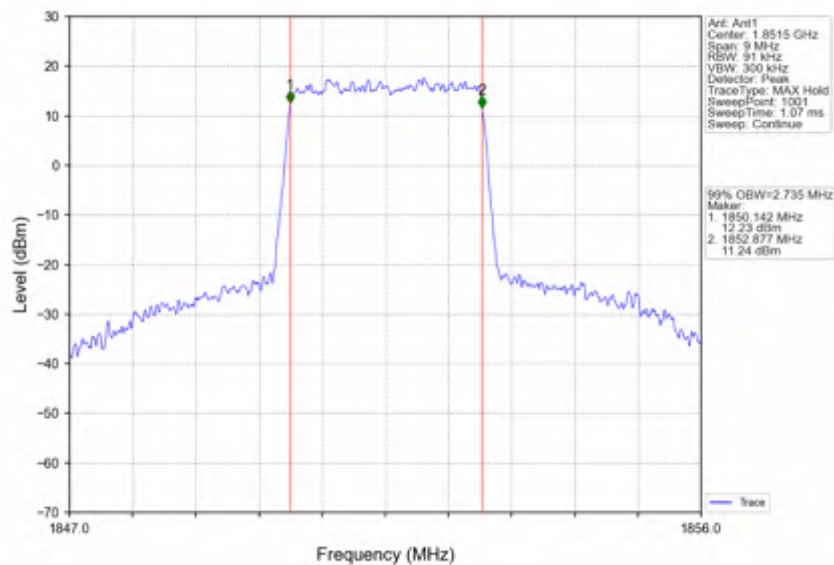
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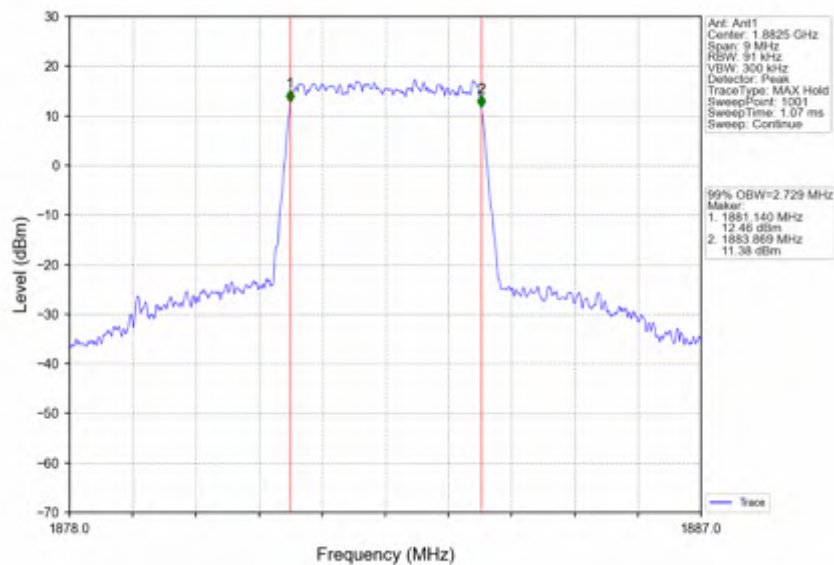
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Band25_3MHz_64QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_64QAM_MCH_1882.5MHz_RB_15_0_NTNV



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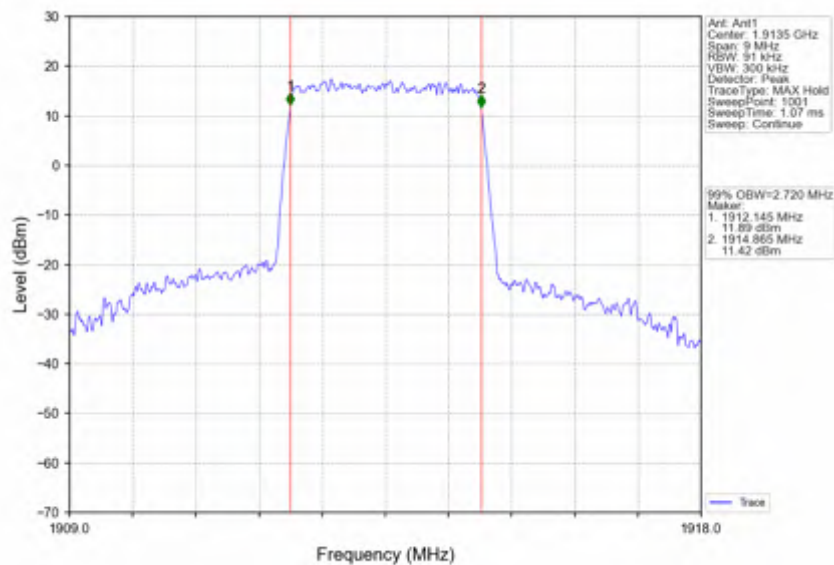
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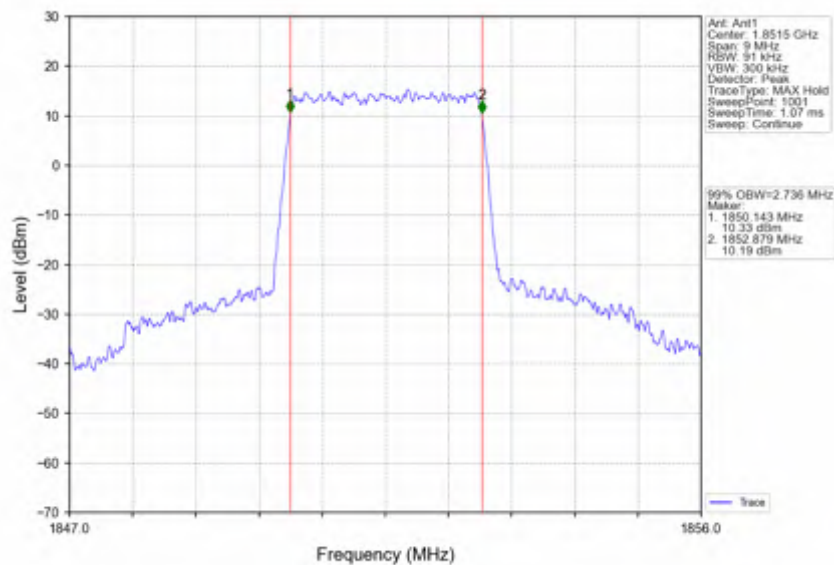
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Band25_3MHz_64QAM_HCH_1913.5MHz_RB_15_0_NTNV



Band25_3MHz_256QAM_LCH_1851.5MHz_RB_15_0_NTNV



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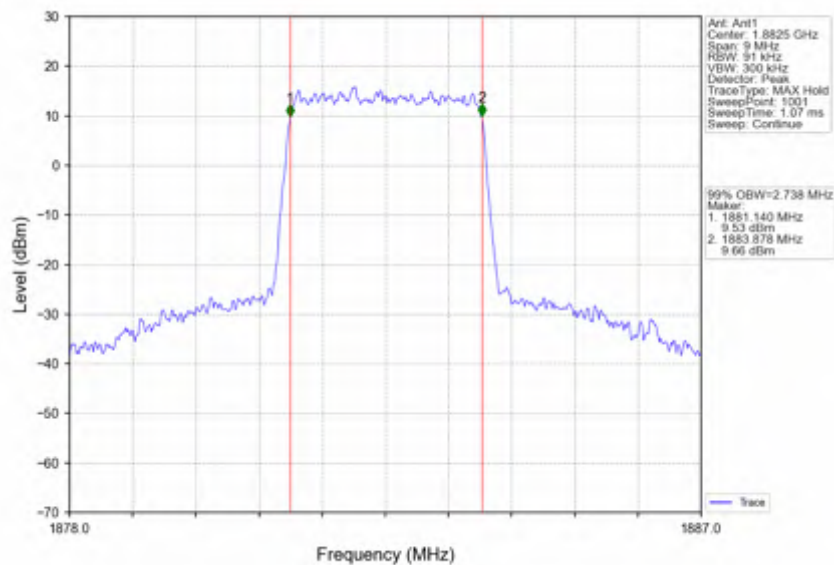
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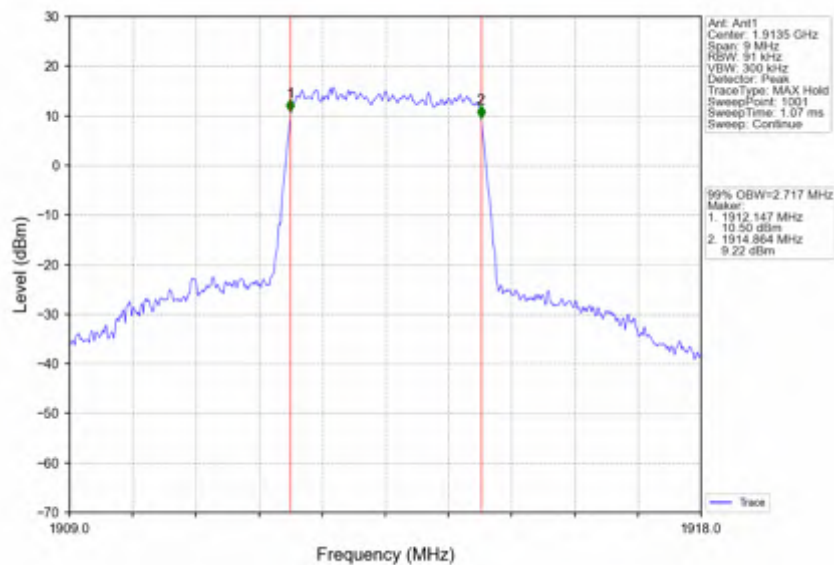
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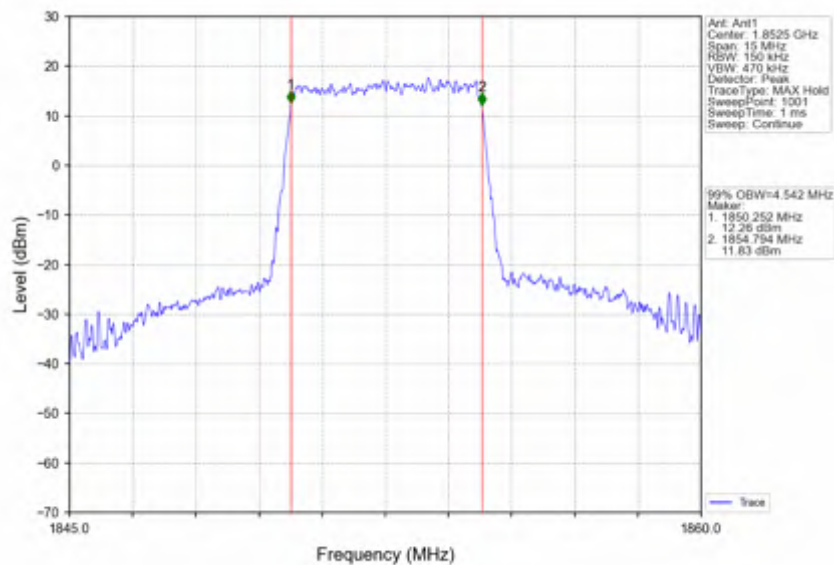
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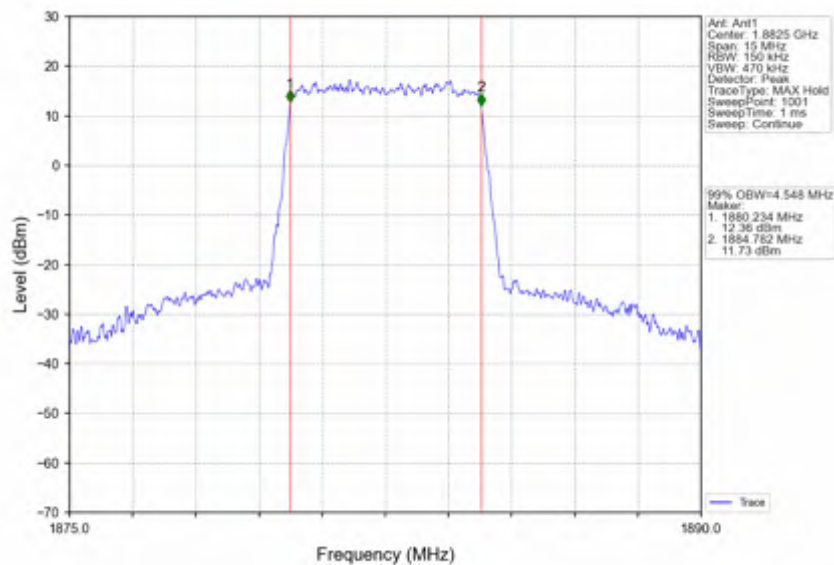
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Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



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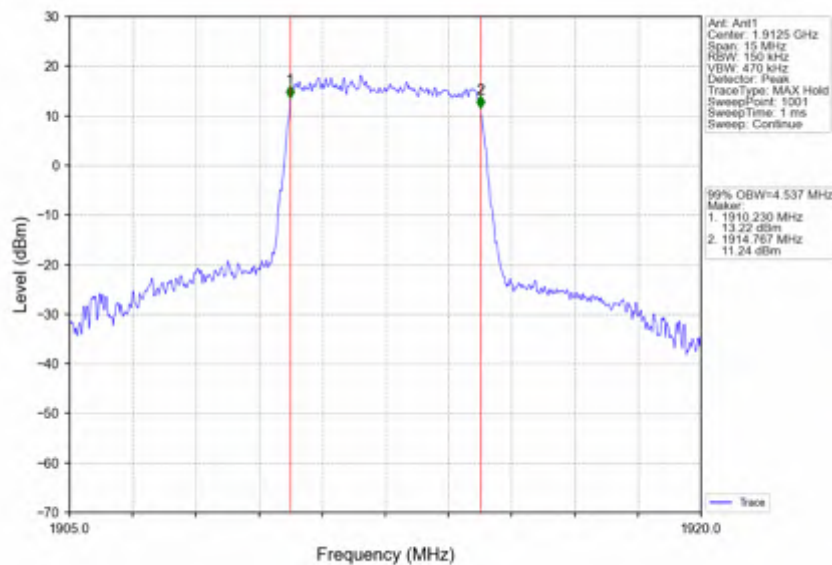
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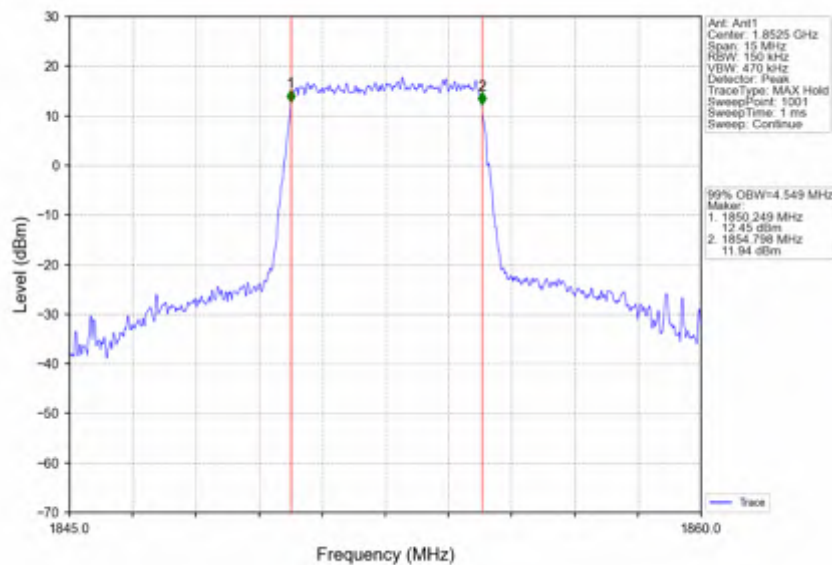
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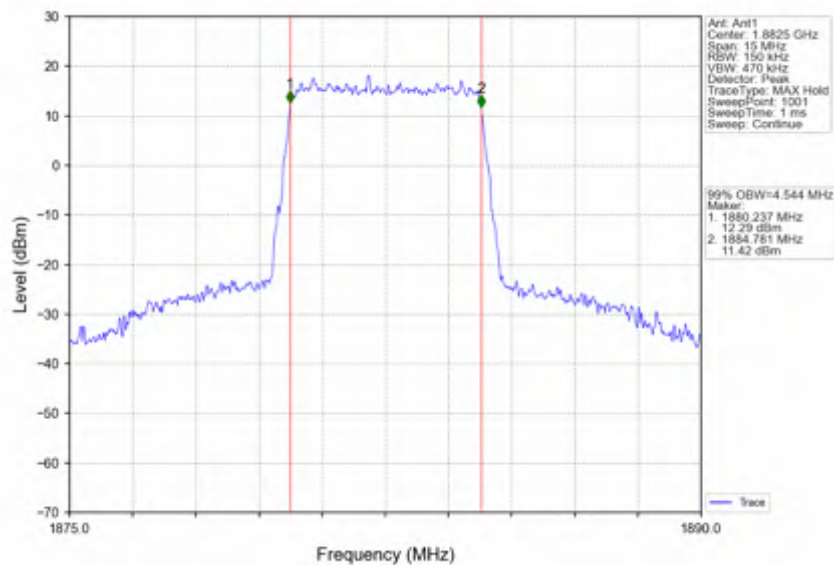
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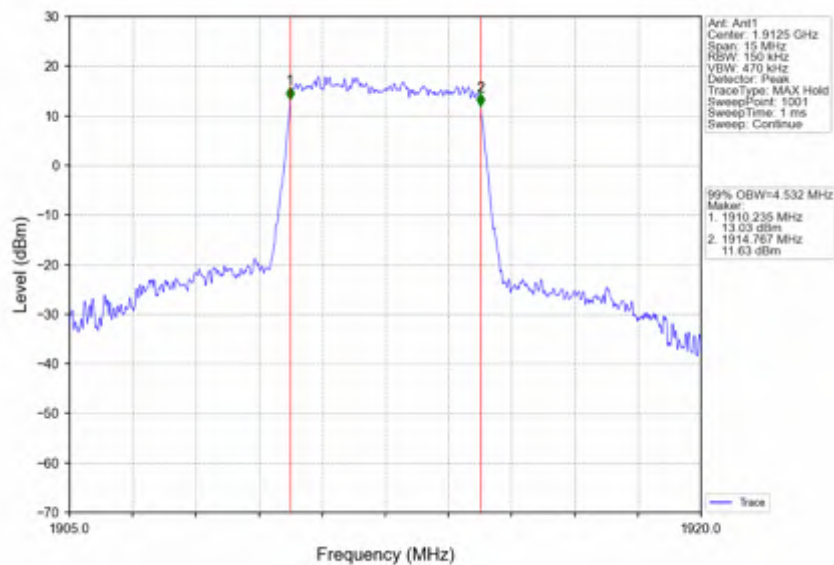
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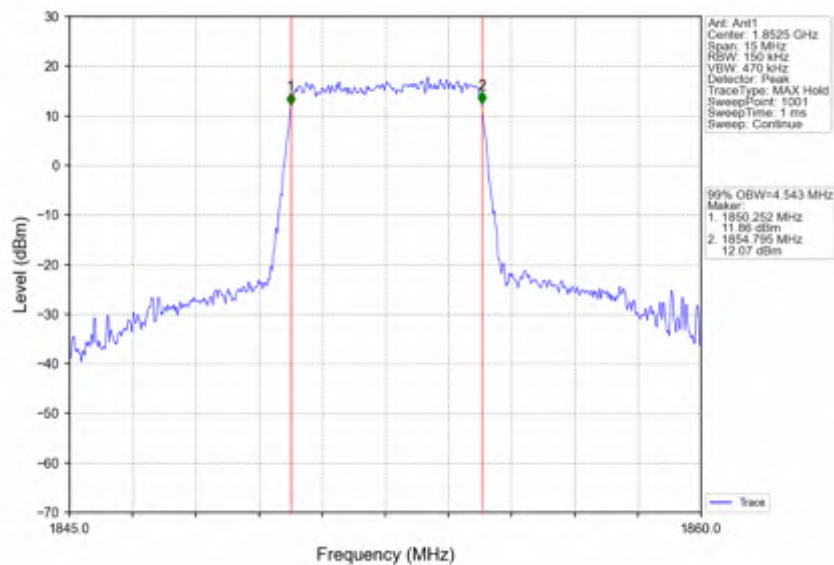
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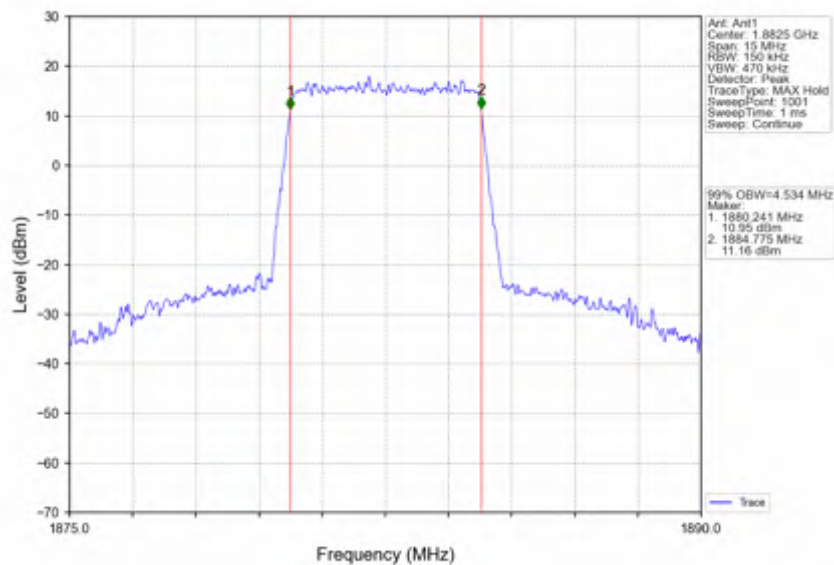
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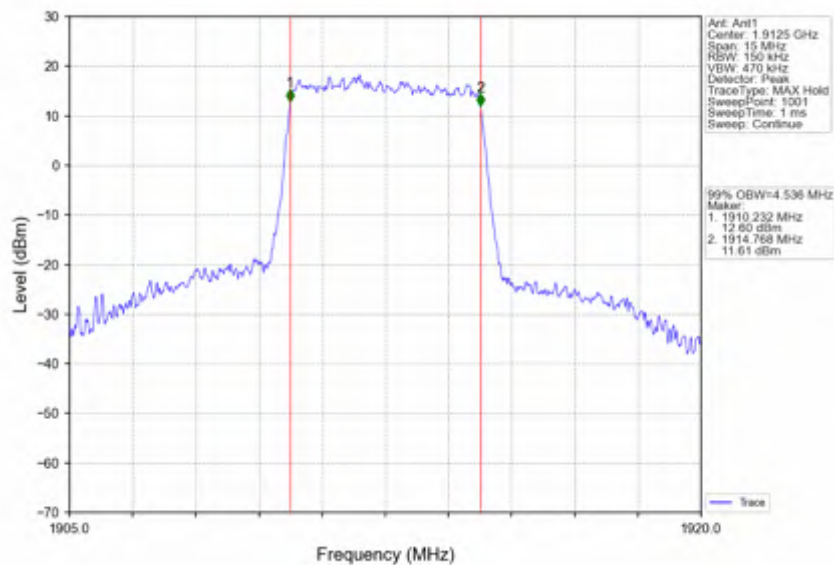
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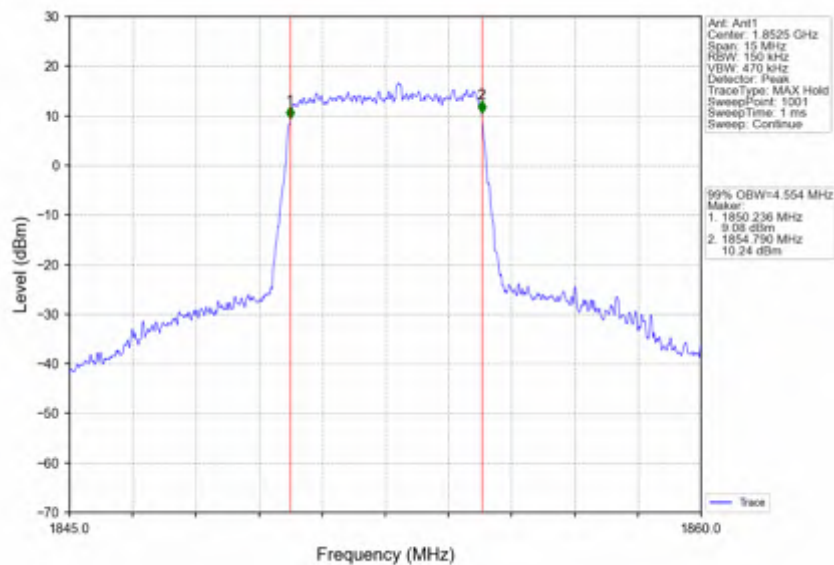
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Band25 5MHz 256QAM LCH 1852.5MHz RB 25 0 NTNv

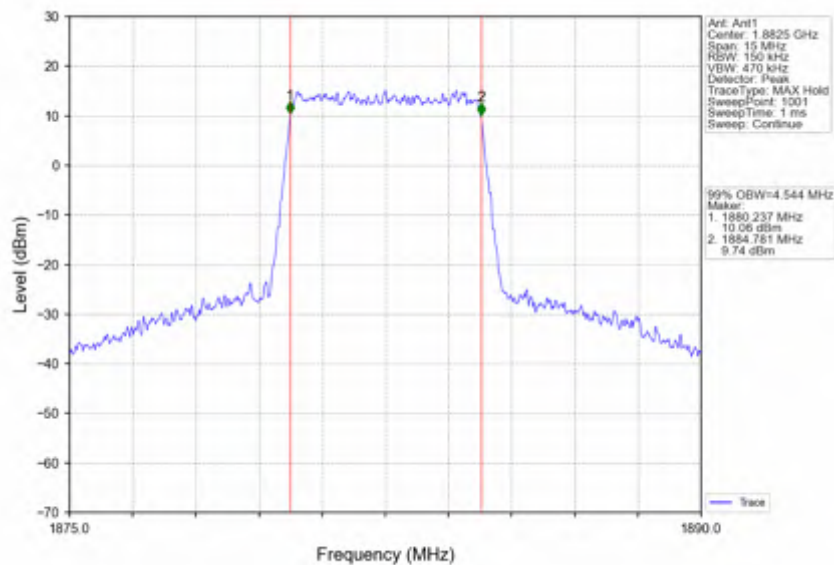


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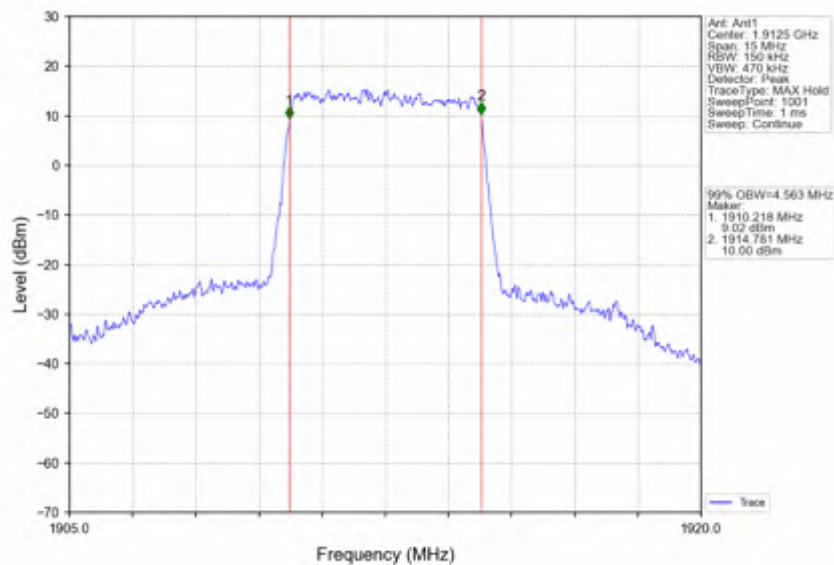
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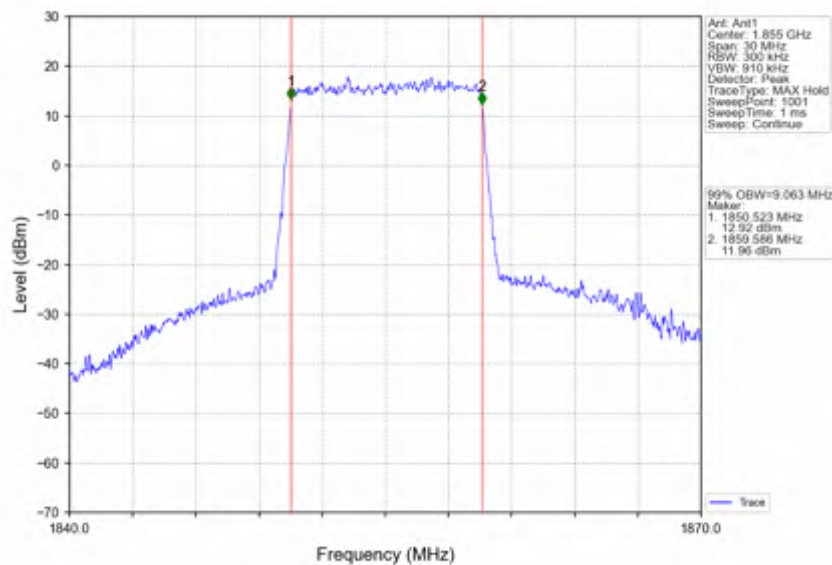
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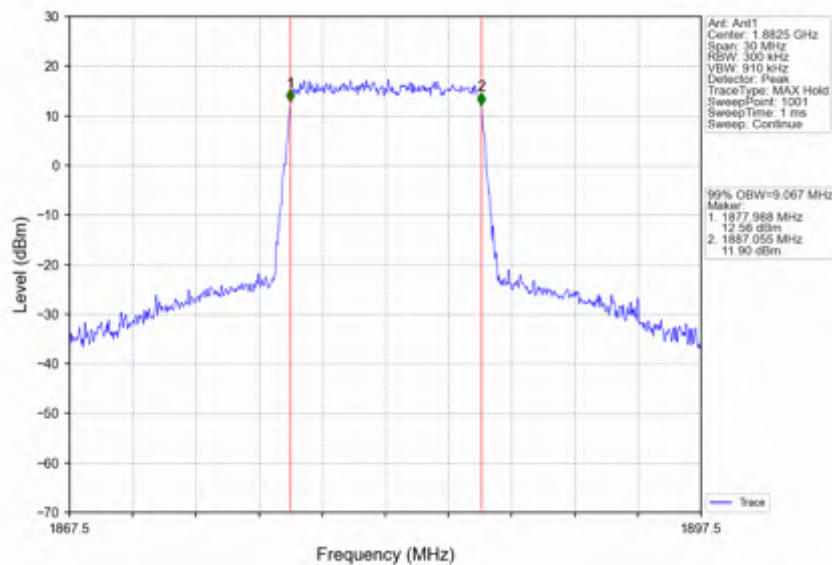
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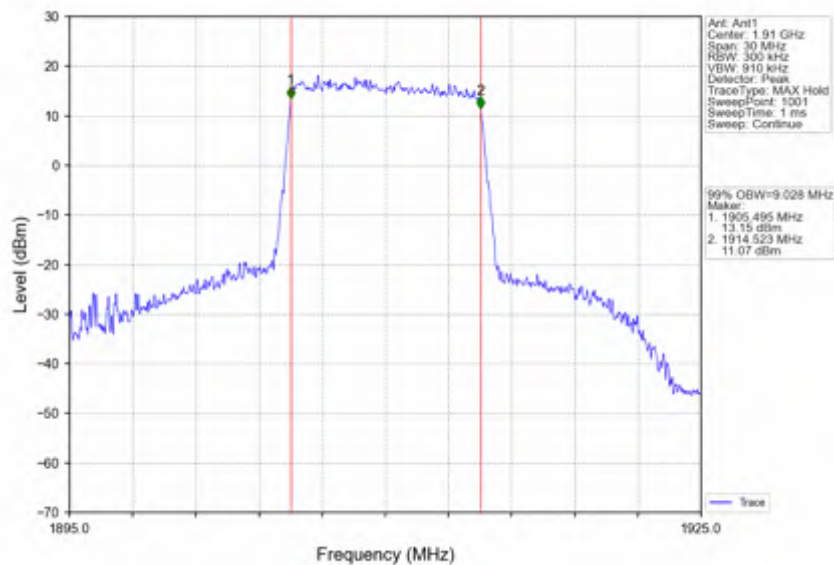
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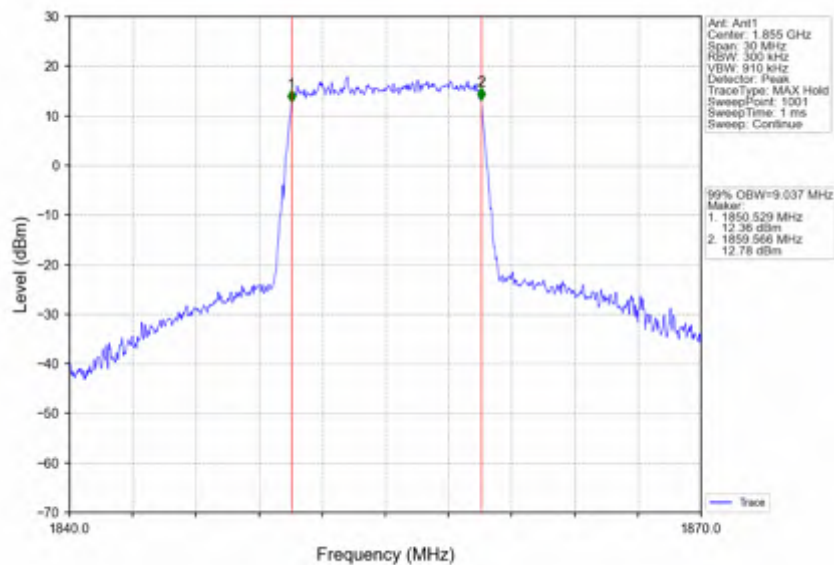
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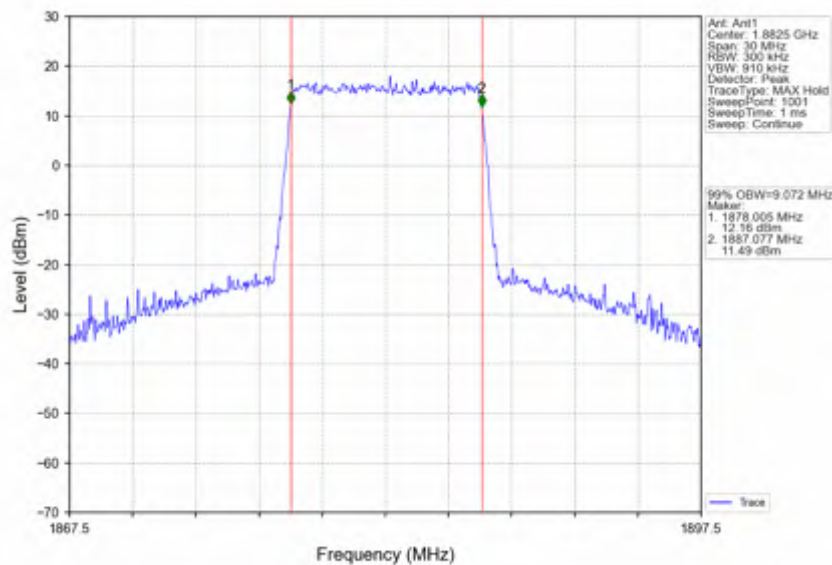
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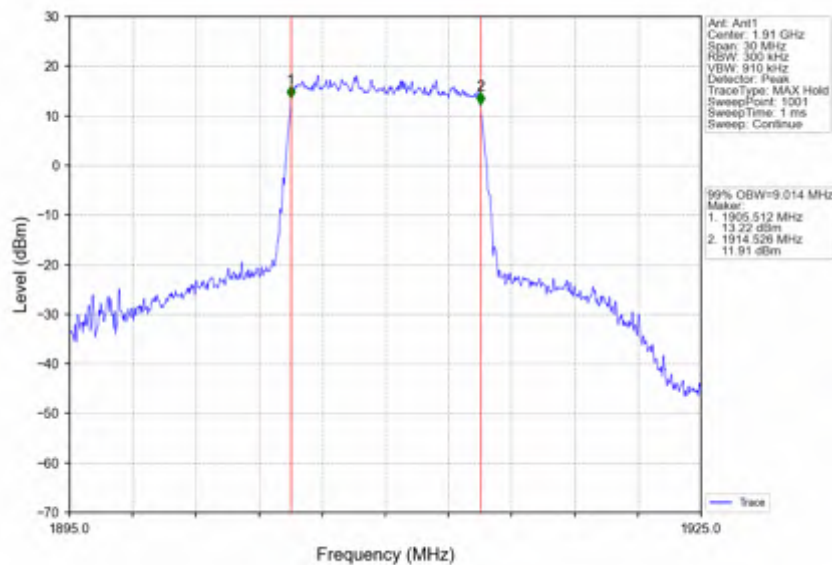
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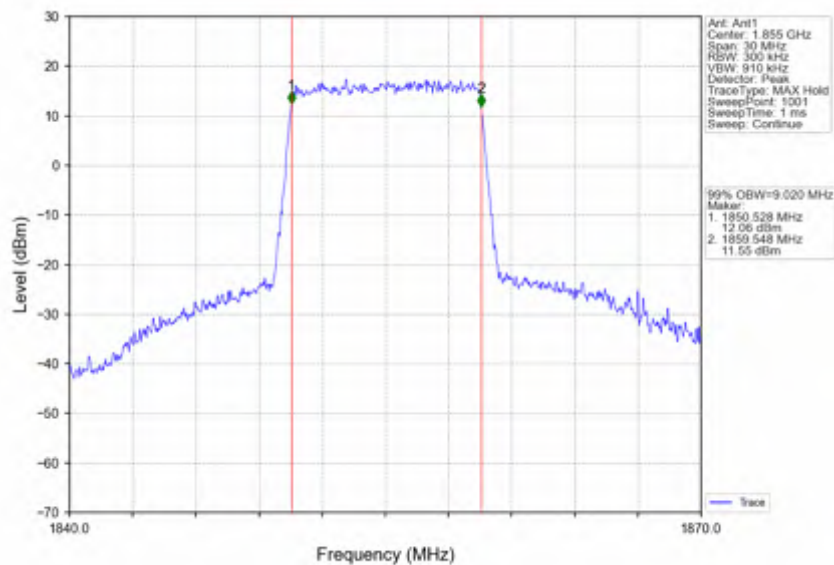
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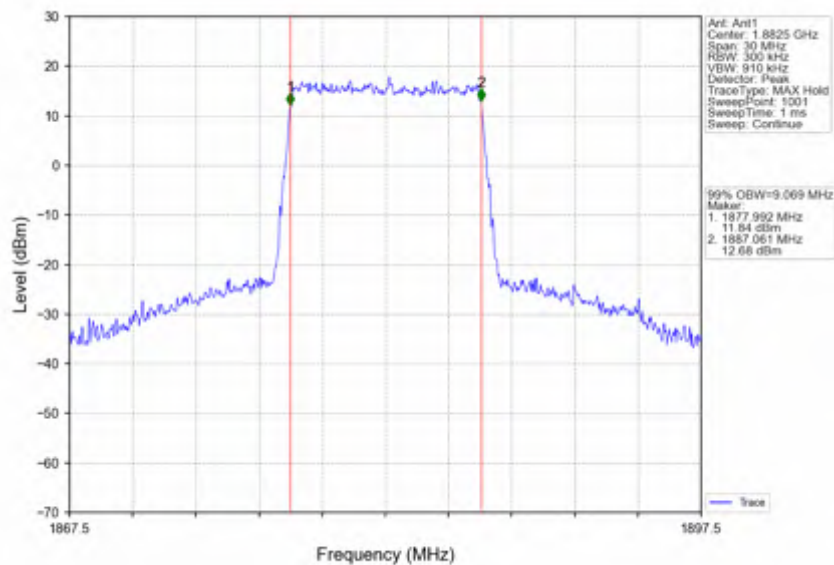
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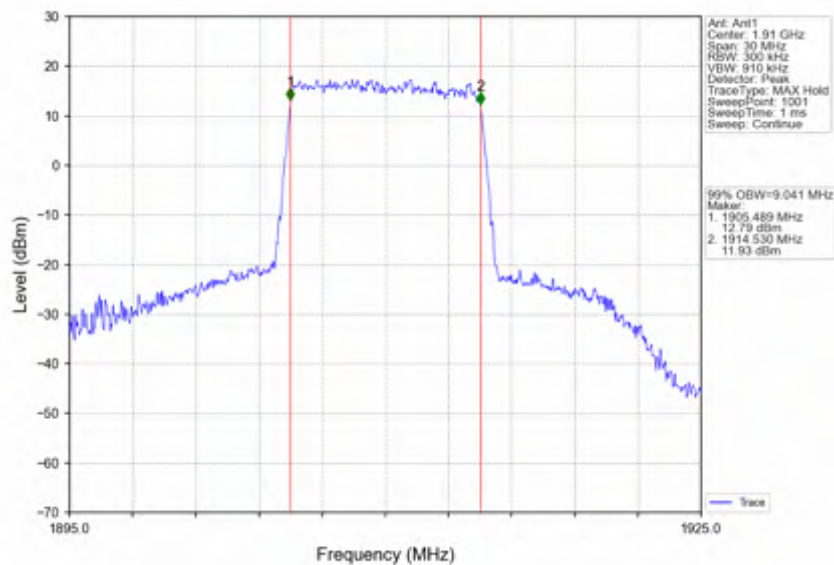
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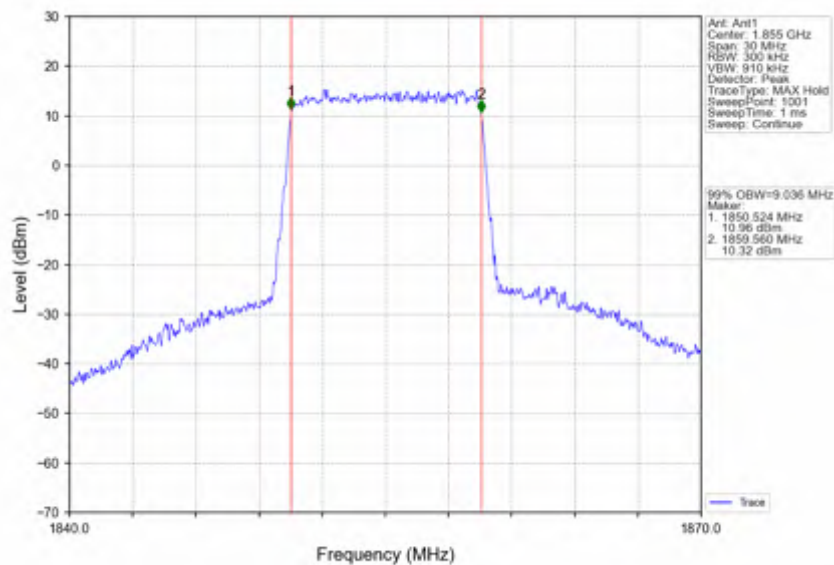
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Band25_10MHz_64QAM_HCH_1910MHz_RB_50_0_NTNV



Band25_10MHz_256QAM_LCH_1855MHz_RB_50_0_NTNV

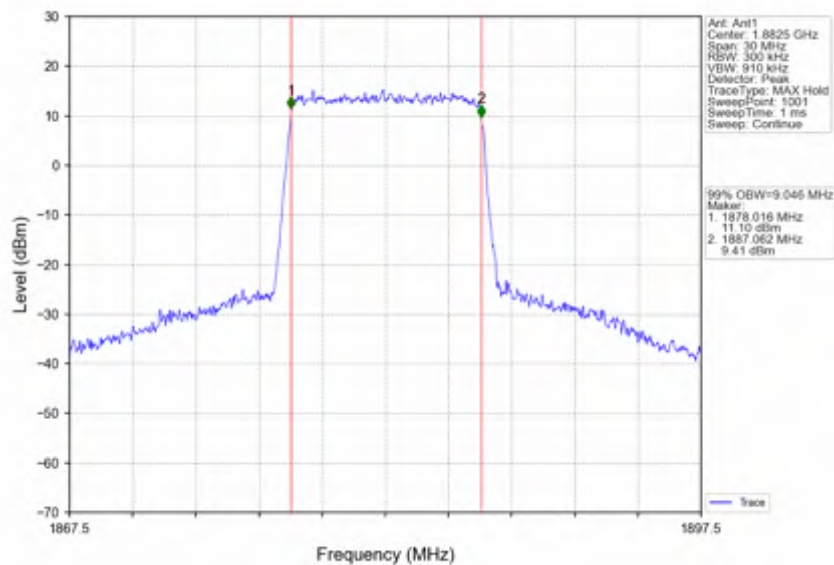


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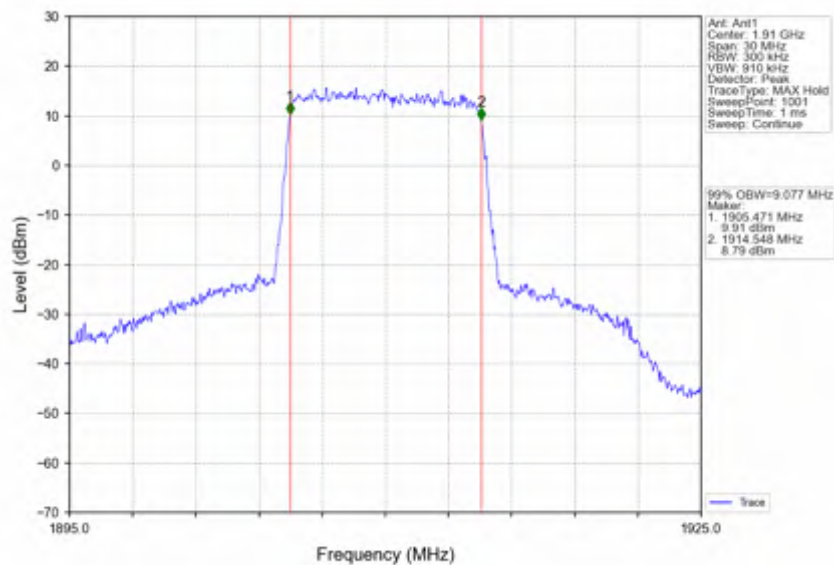
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Band25_10MHz_256QAM_MCH_1882.5MHz_RB_50_0_NTNV



Band25_10MHz_256QAM_HCH_1910MHz_RB_50_0_NTNV

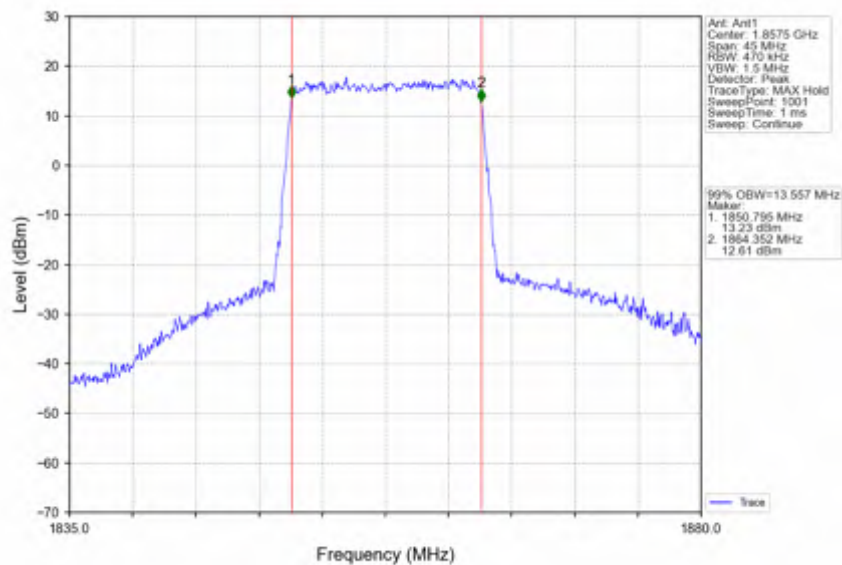


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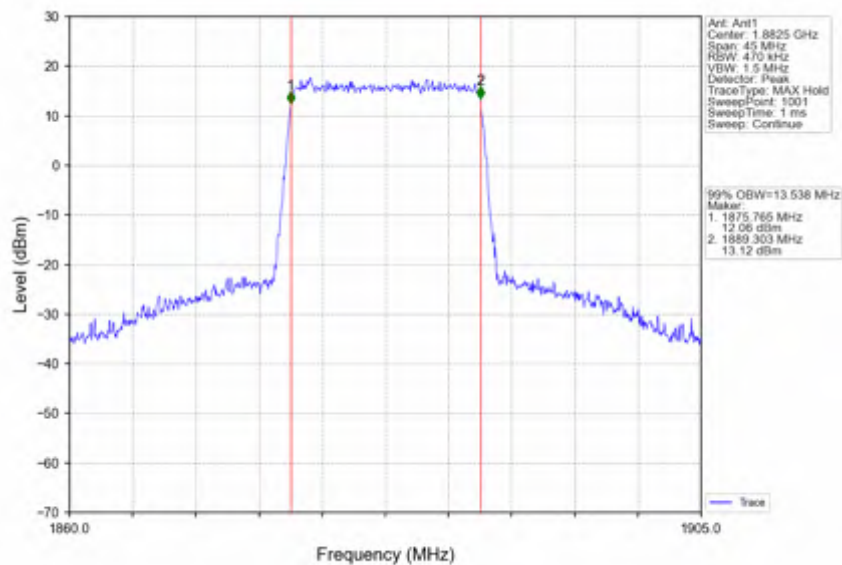
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Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



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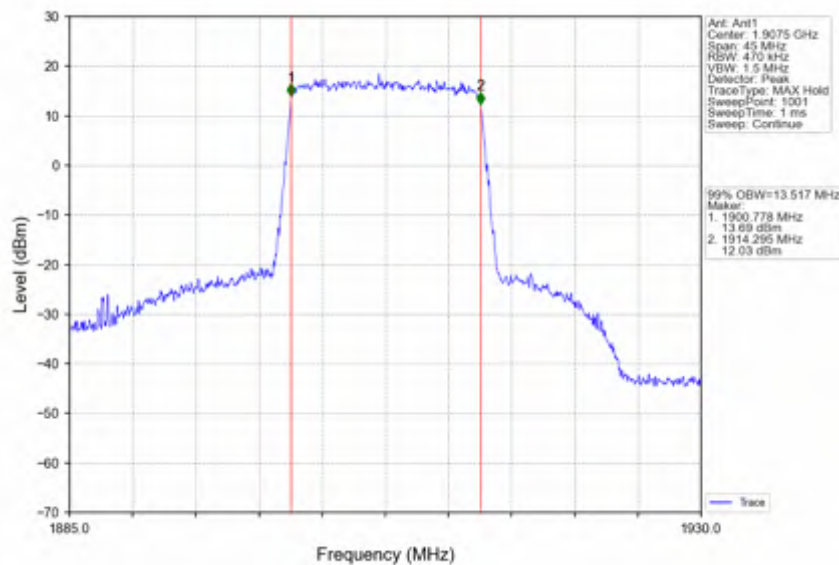
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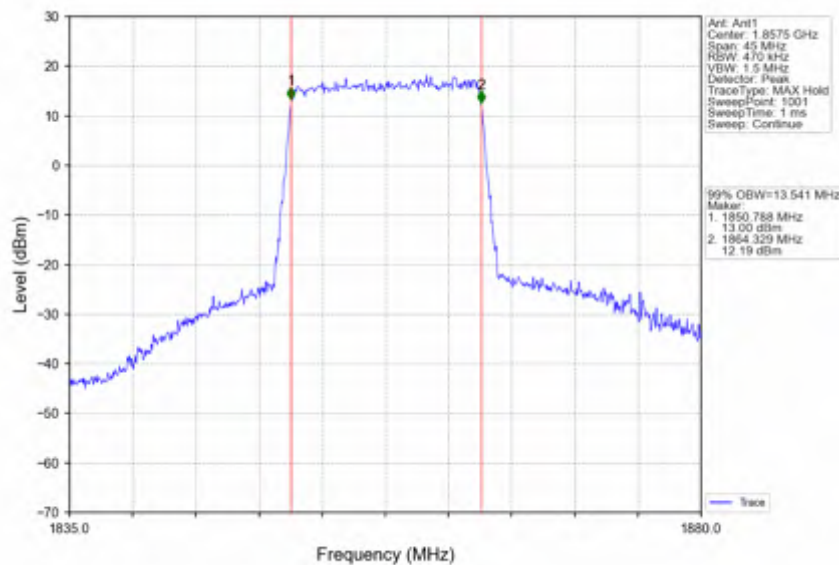
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Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



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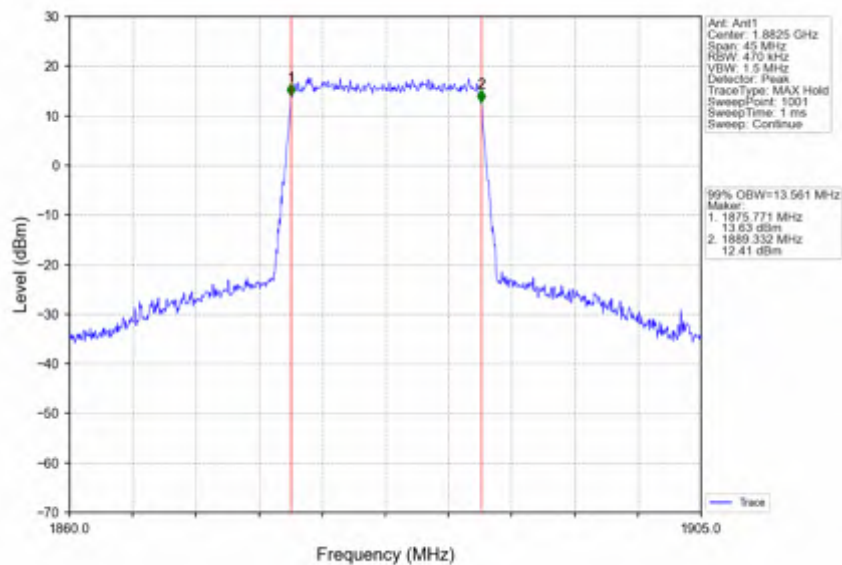
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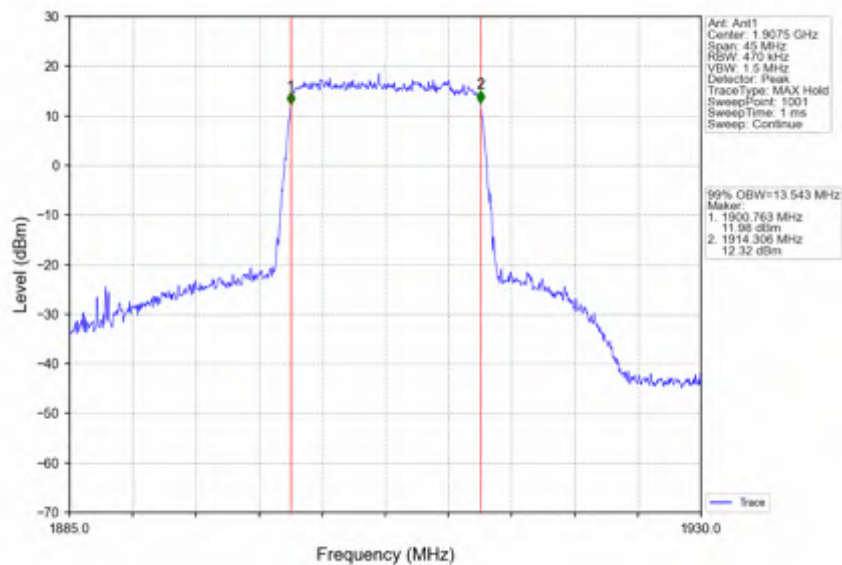
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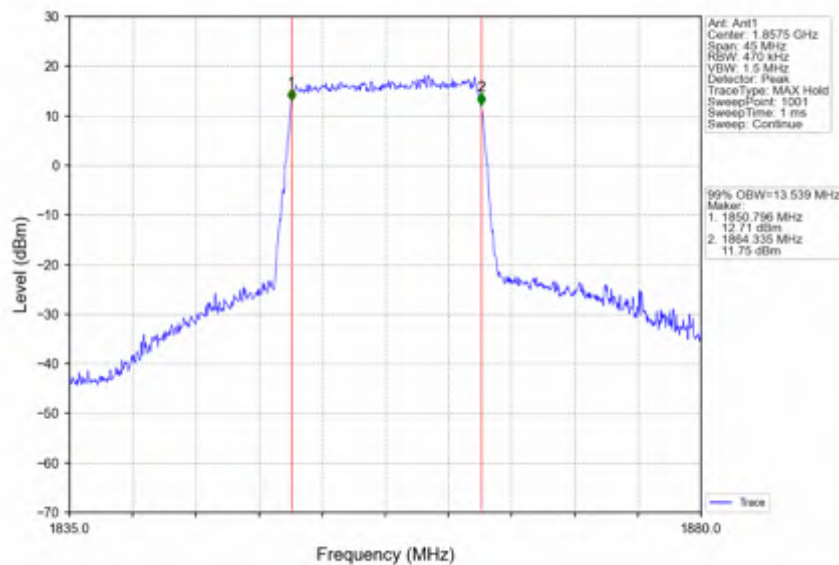
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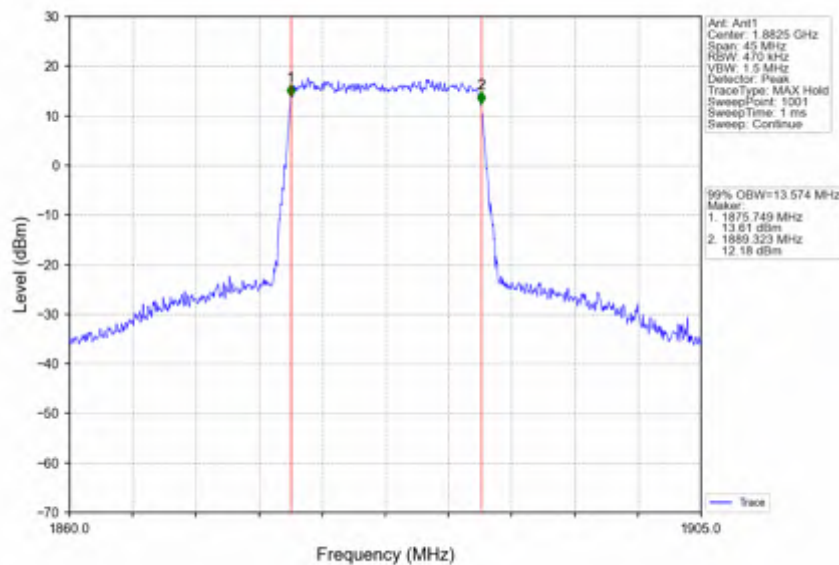
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Band25_15MHz_64QAM_MCH_1882.5MHz_RB_75_0_NTNV



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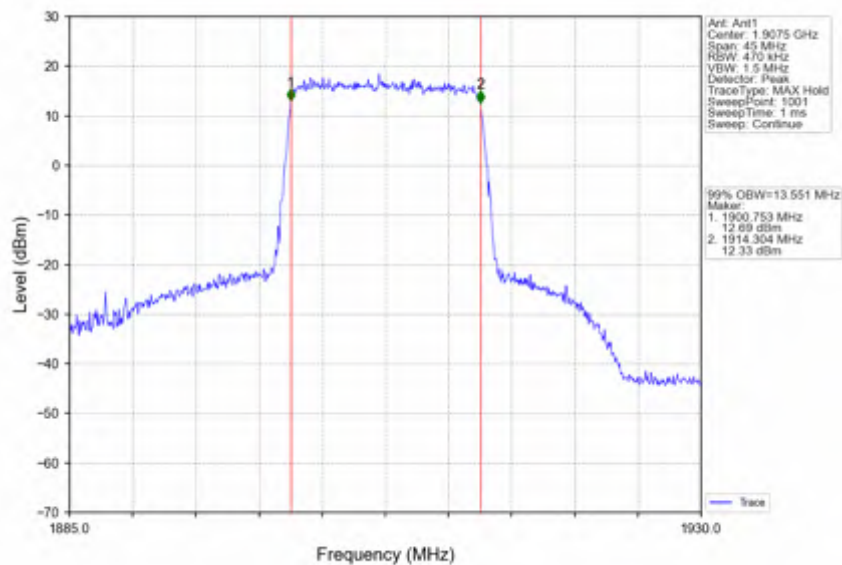
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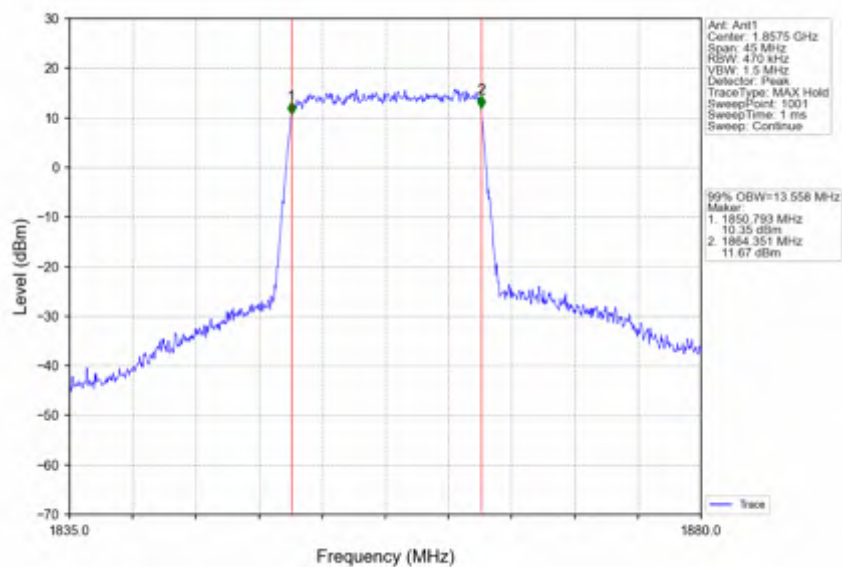
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Band25	15MHz	64QAM	HCH	1907.5MHz	RB	75	0	NTNV
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Band25	15MHz	256QAM	LCH	1857.5MHz	RB	75	0	NTNV
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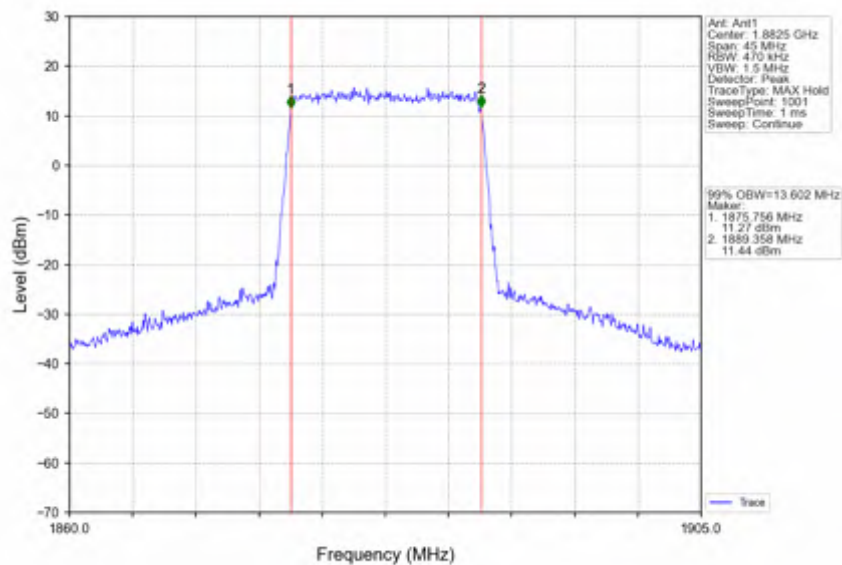
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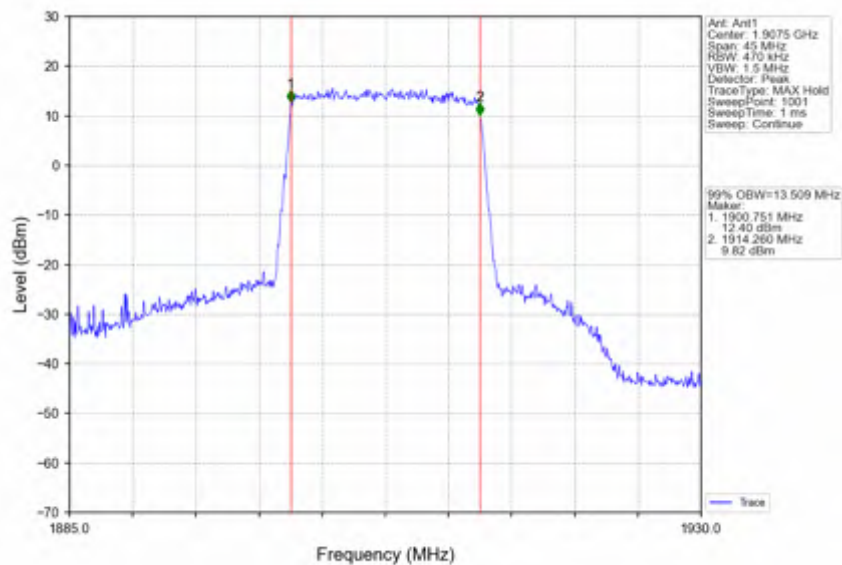
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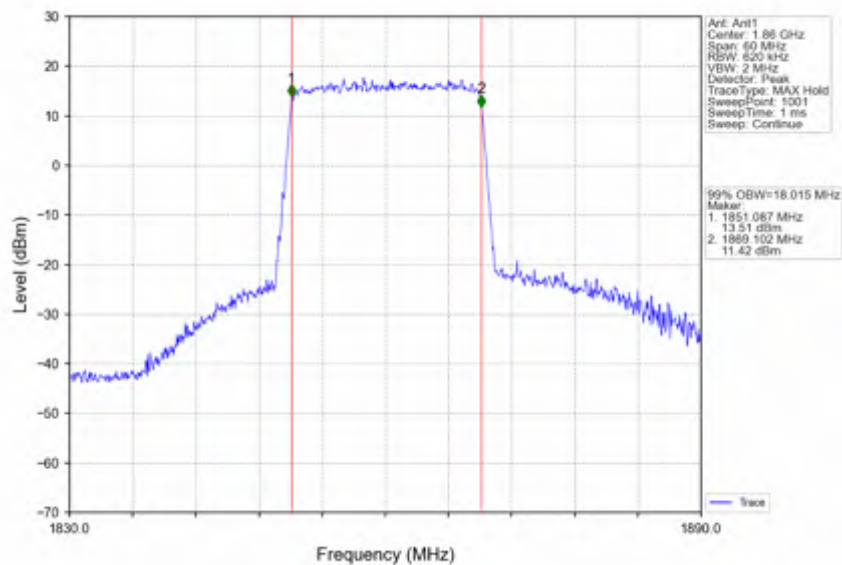
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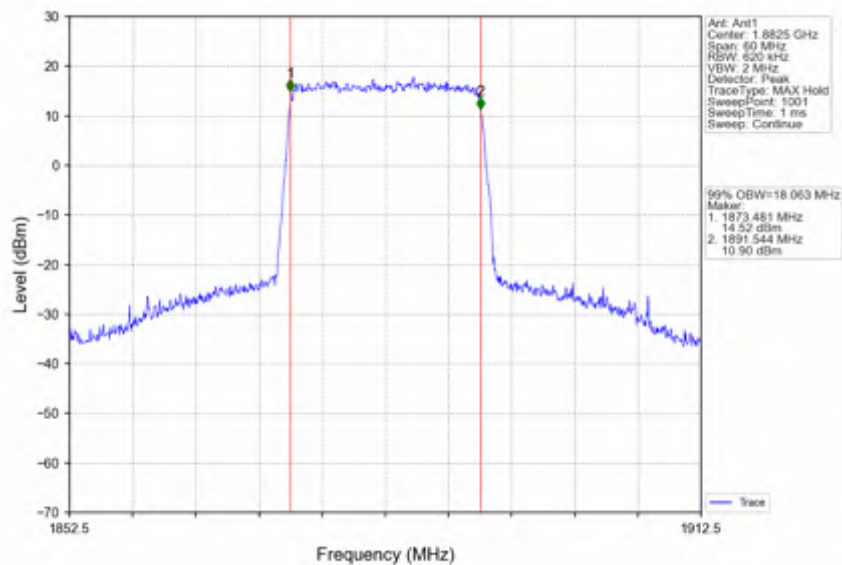
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Band25 20MHz QPSK MCH 1882.5MHz RB 100 0 NTN

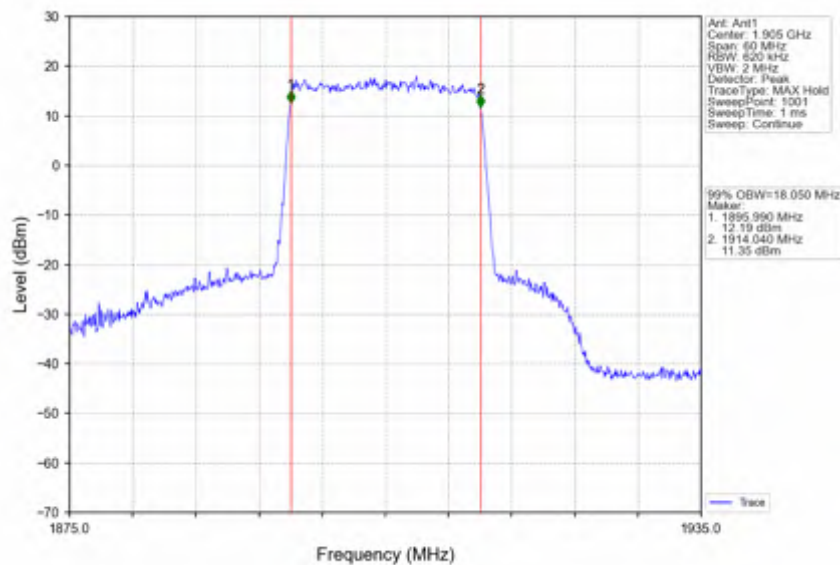


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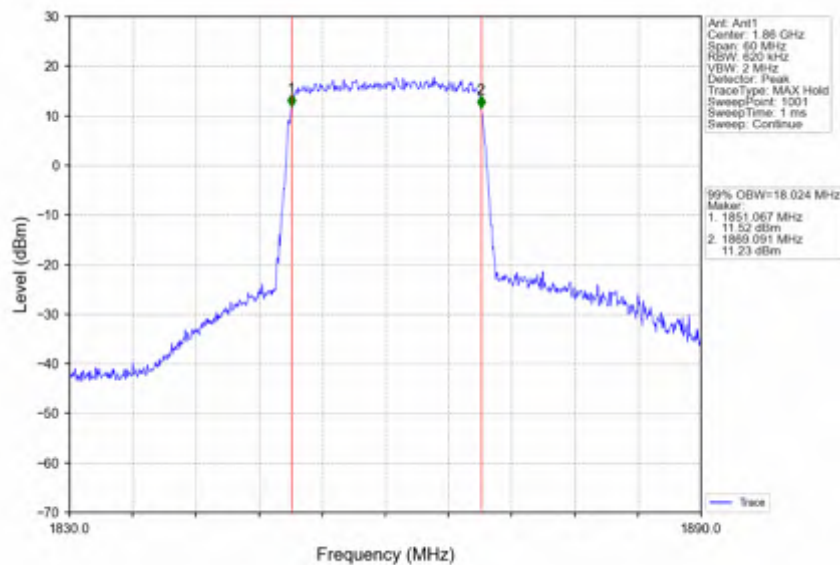
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Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



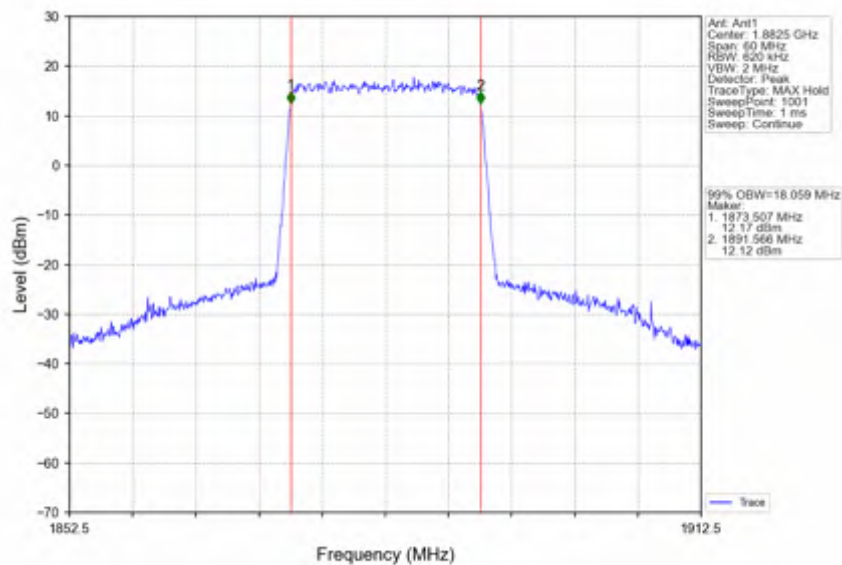
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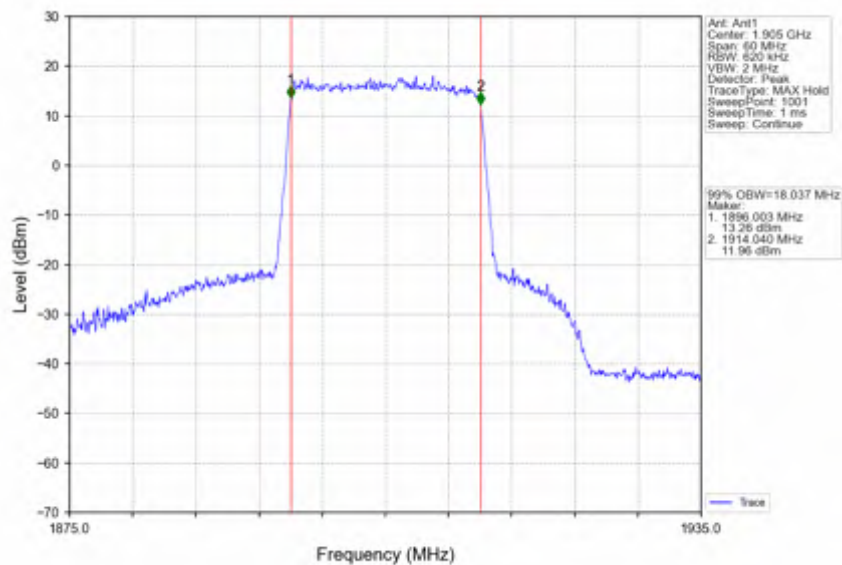
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Band25 20MHz 16QAM MCH 1882.5MHz RB 100 0 NTNv



Band25 20MHz 16QAM HCH 1905MHz RB 100 0 NTNv

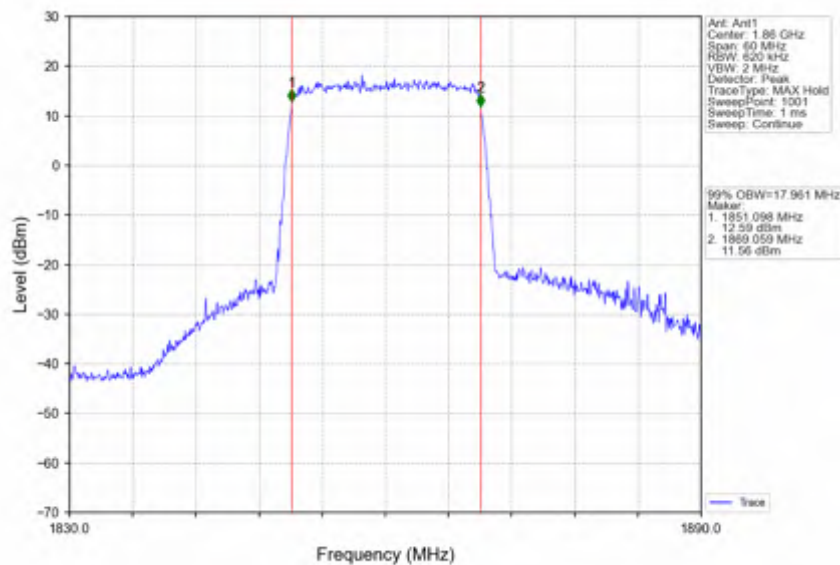


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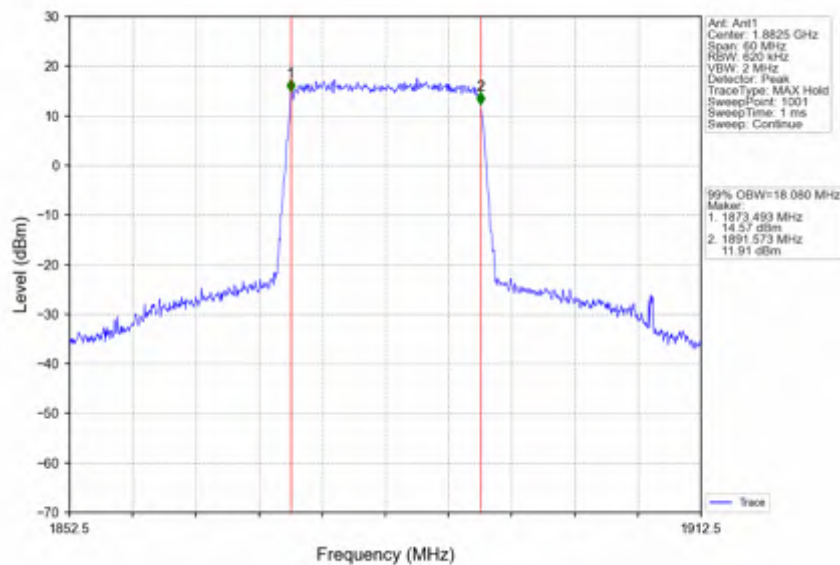
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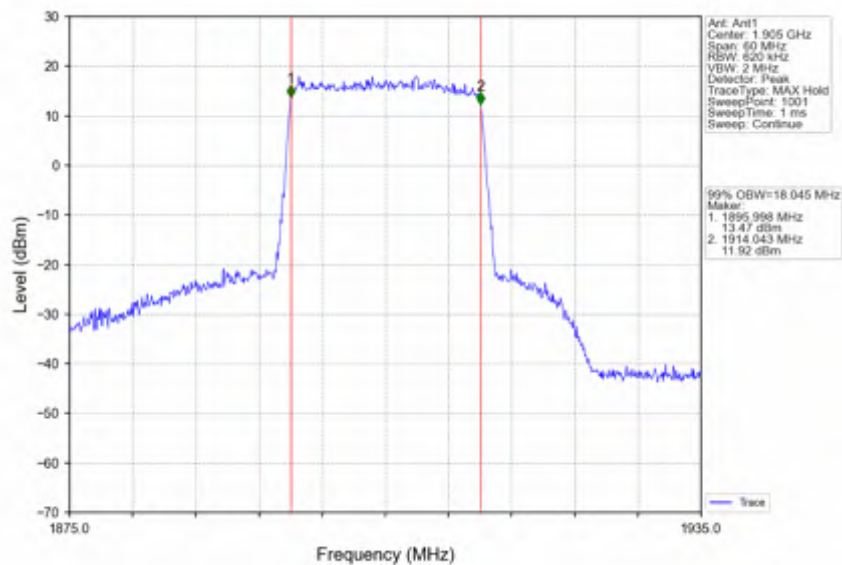
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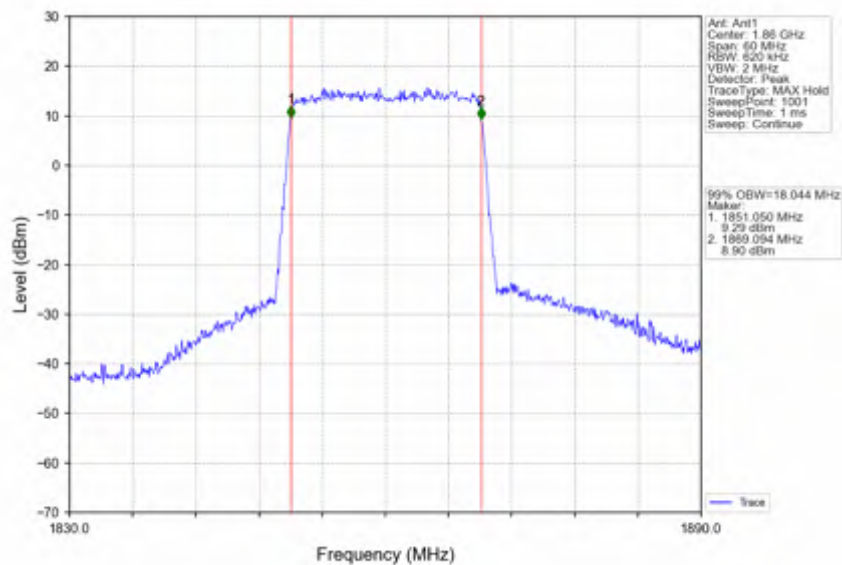
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Band25 20MHz 64QAM HCH 1905MHz RB 100 0 NTNv



Band25 20MHz 256QAM LCH 1860MHz RB 100 0 NTN

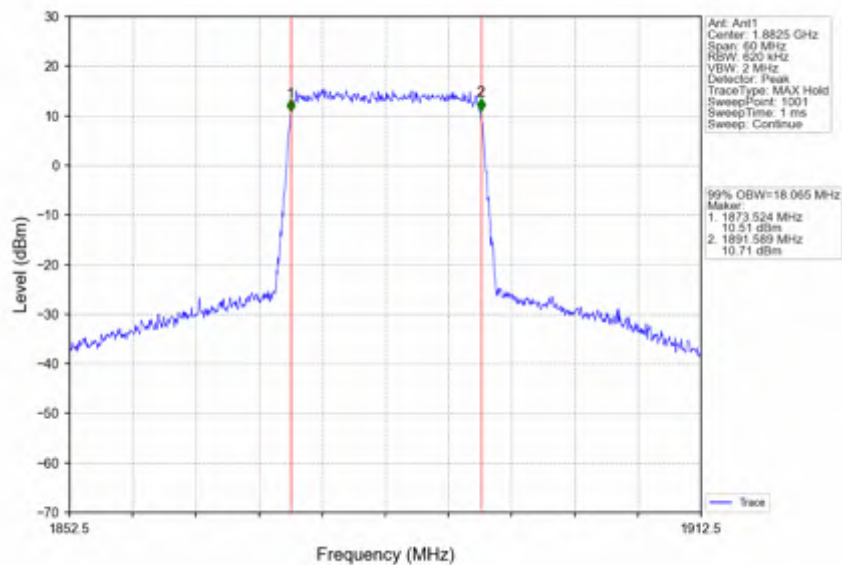


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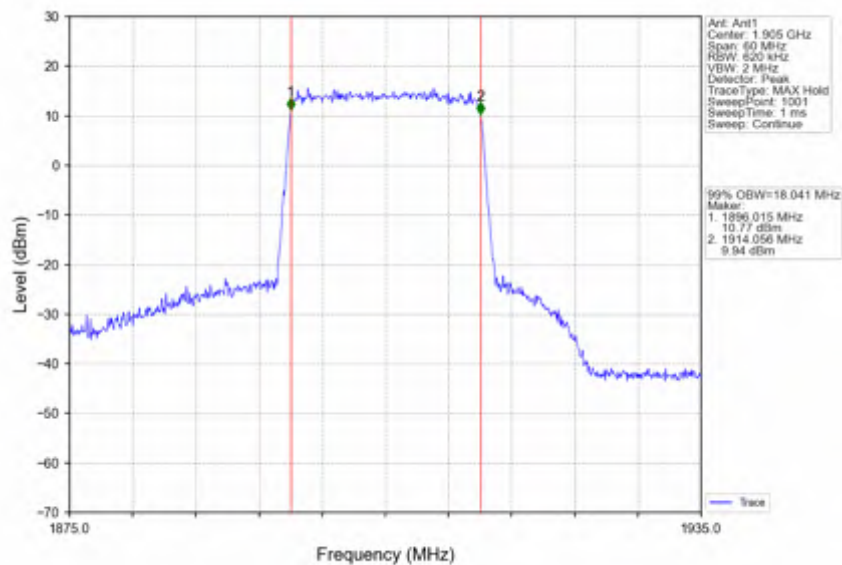
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Band25 20MHz 256QAM MCH 1882.5MHz RB 100 0 NTNV



Band25 20MHz 256QAM HCH 1905MHz RB 100 0 NTNV



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5.2 Band25_XDB

5.2.1 Test Result

Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset		
1.4	QPSK	1850.7	6	0	1.327	Pass
		1882.5	6	0	1.321	Pass
		1914.3	6	0	1.330	Pass
	16QAM	1850.7	6	0	1.330	Pass
		1882.5	6	0	1.319	Pass
		1914.3	6	0	1.320	Pass
	64QAM	1850.7	6	0	1.350	Pass
		1882.5	6	0	1.312	Pass
		1914.3	6	0	1.322	Pass
	256QAM	1850.7	6	0	1.299	Pass
		1882.5	6	0	1.314	Pass
		1914.3	6	0	1.304	Pass
3	QPSK	1851.5	15	0	3.005	Pass
		1882.5	15	0	3.001	Pass
		1913.5	15	0	2.998	Pass
	16QAM	1851.5	15	0	3.010	Pass
		1882.5	15	0	3.022	Pass
		1913.5	15	0	3.008	Pass
	64QAM	1851.5	15	0	3.001	Pass
		1882.5	15	0	3.008	Pass
		1913.5	15	0	3.005	Pass
	256QAM	1851.5	15	0	3.022	Pass
		1882.5	15	0	3.000	Pass
		1913.5	15	0	2.997	Pass
5	QPSK	1852.5	25	0	5.073	Pass
		1882.5	25	0	5.069	Pass
		1912.5	25	0	5.036	Pass
	16QAM	1852.5	25	0	5.081	Pass
		1882.5	25	0	5.001	Pass
		1912.5	25	0	5.025	Pass
	64QAM	1852.5	25	0	5.053	Pass
		1882.5	25	0	5.061	Pass
		1912.5	25	0	5.006	Pass
	256QAM	1852.5	25	0	5.036	Pass
		1882.5	25	0	5.053	Pass
		1912.5	25	0	5.069	Pass
10	QPSK	1855	50	0	9.897	Pass
		1882.5	50	0	9.972	Pass
		1910	50	0	9.947	Pass
	16QAM	1855	50	0	9.913	Pass
		1882.5	50	0	9.908	Pass
		1910	50	0	9.910	Pass
	64QAM	1855	50	0	9.915	Pass
		1882.5	50	0	9.942	Pass
		1910	50	0	9.926	Pass
	256QAM	1855	50	0	9.979	Pass



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15	QPSK	1882.5	50	0	9.890	Pass
		1910	50	0	9.925	Pass
		1857.5	75	0	14.954	Pass
	16QAM	1882.5	75	0	14.795	Pass
		1907.5	75	0	14.851	Pass
		1857.5	75	0	14.936	Pass
	64QAM	1882.5	75	0	14.945	Pass
		1907.5	75	0	14.917	Pass
		1857.5	75	0	14.855	Pass
	256QAM	1882.5	75	0	15.018	Pass
		1907.5	75	0	14.992	Pass
		1857.5	75	0	14.960	Pass
	256QAM	1882.5	75	0	14.896	Pass
		1907.5	75	0	14.932	Pass
		1857.5	75	0	14.960	Pass
20	QPSK	1860	100	0	19.751	Pass
		1882.5	100	0	19.789	Pass
		1905	100	0	19.671	Pass
	16QAM	1860	100	0	19.687	Pass
		1882.5	100	0	19.587	Pass
		1905	100	0	19.710	Pass
	64QAM	1860	100	0	19.759	Pass
		1882.5	100	0	19.710	Pass
		1905	100	0	19.694	Pass
	256QAM	1860	100	0	19.751	Pass
		1882.5	100	0	19.733	Pass
		1905	100	0	19.721	Pass
	256QAM	1860	100	0	19.751	Pass
		1882.5	100	0	19.733	Pass
		1905	100	0	19.721	Pass



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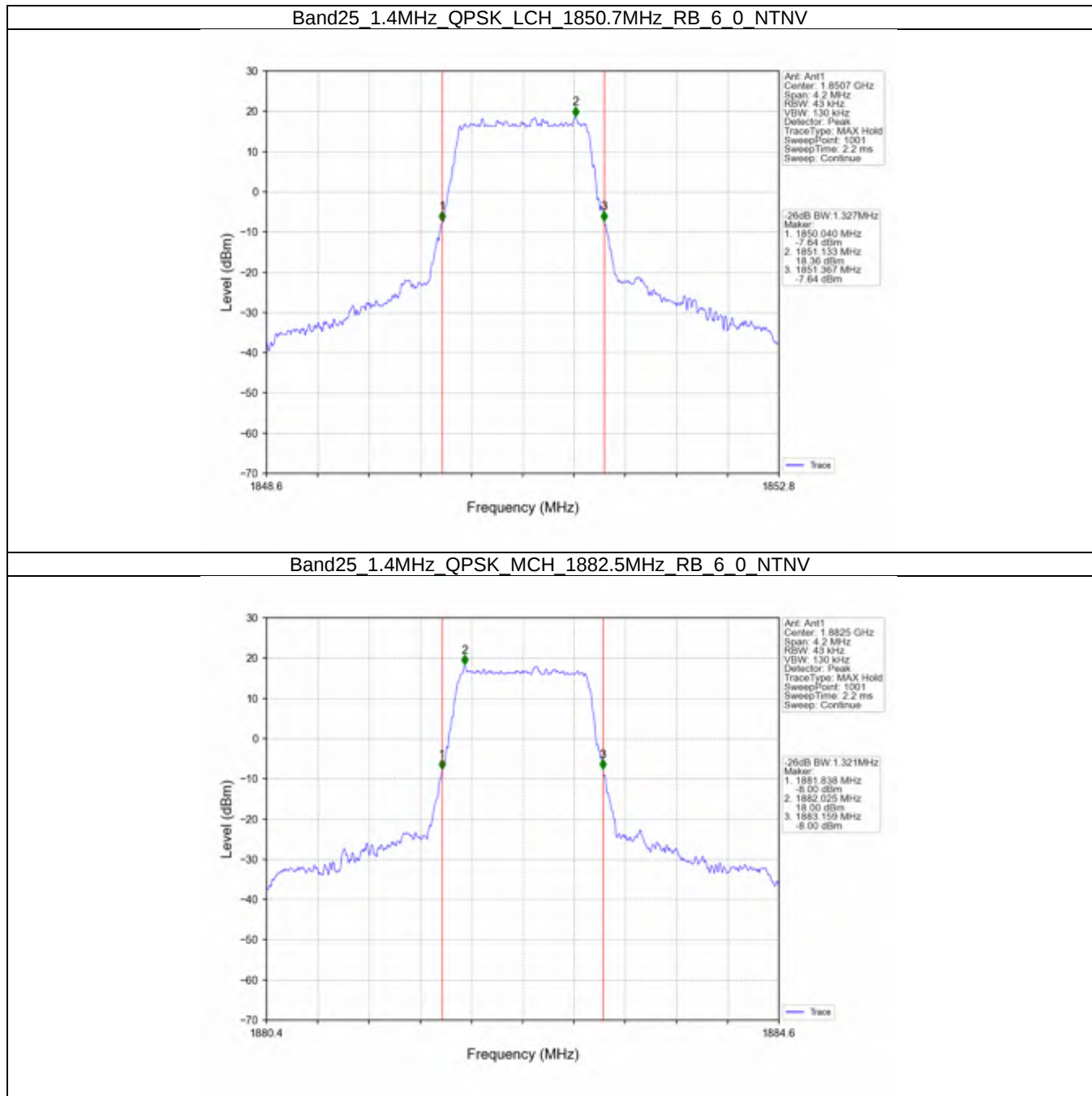
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5.2.2 Test Graph



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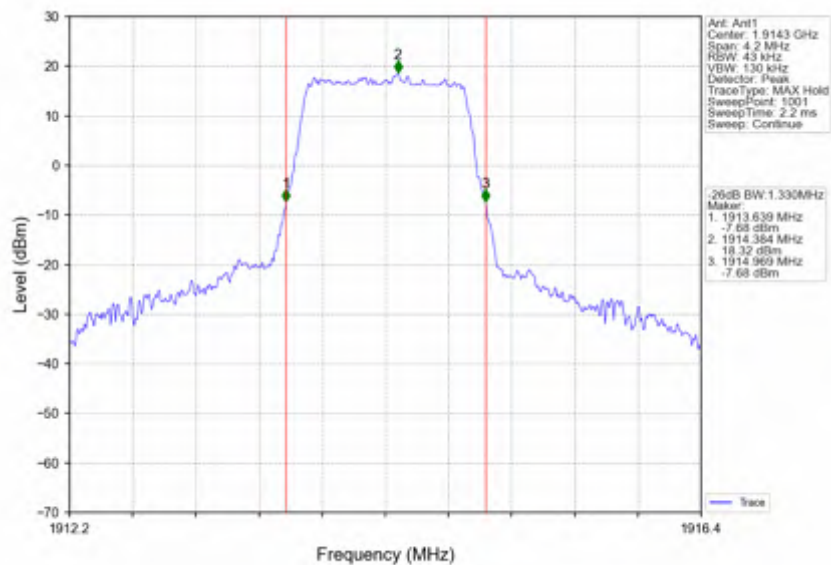
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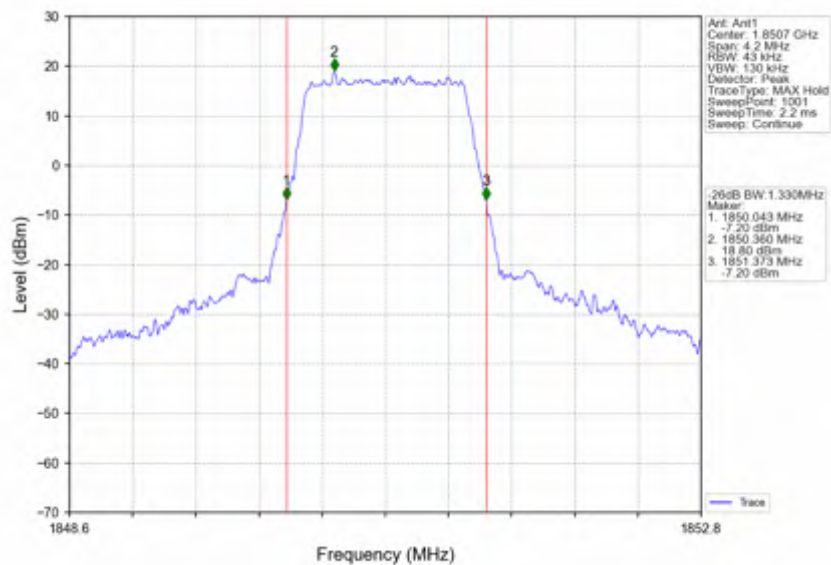
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Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



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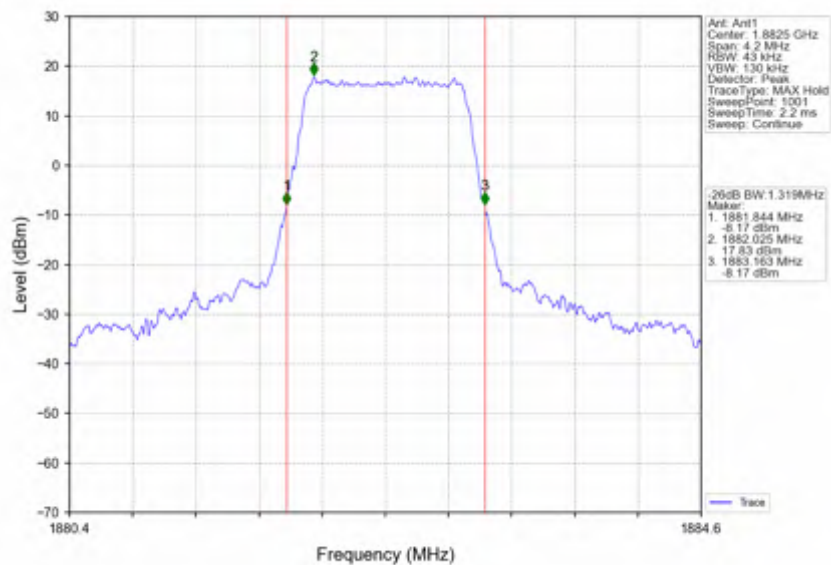
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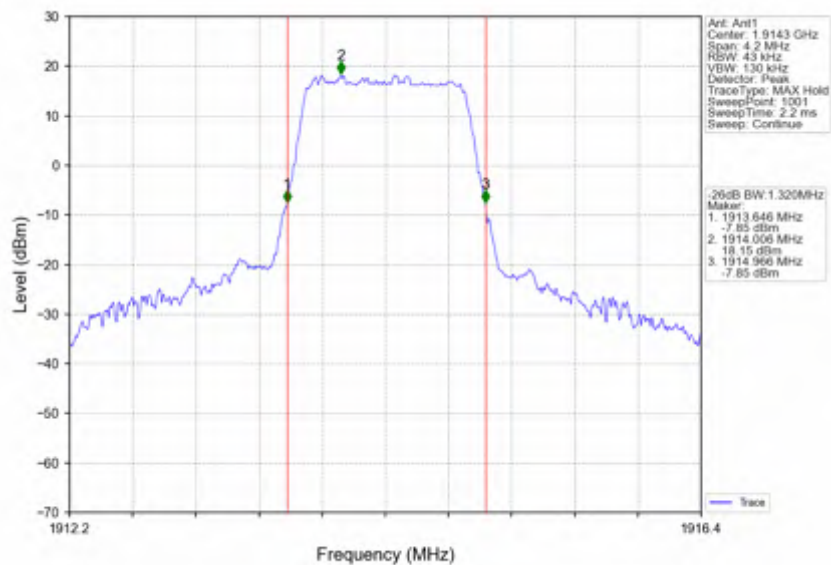
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Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



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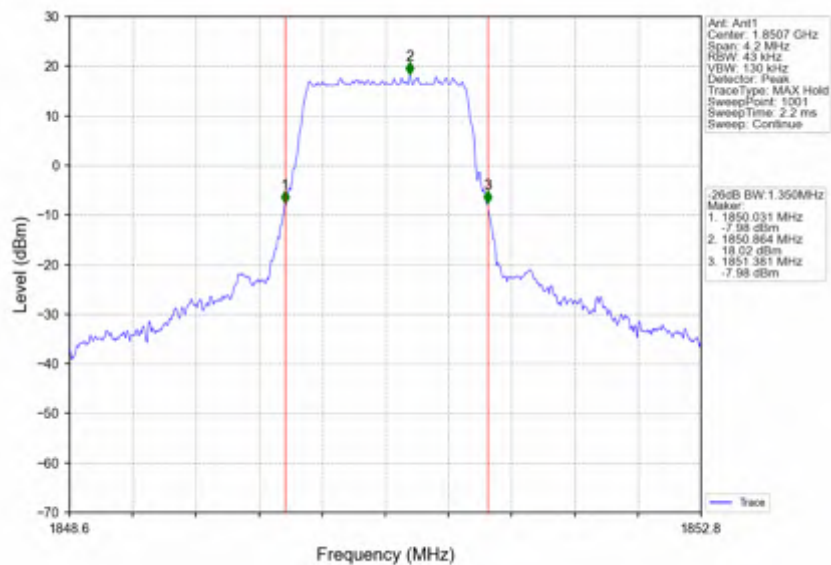
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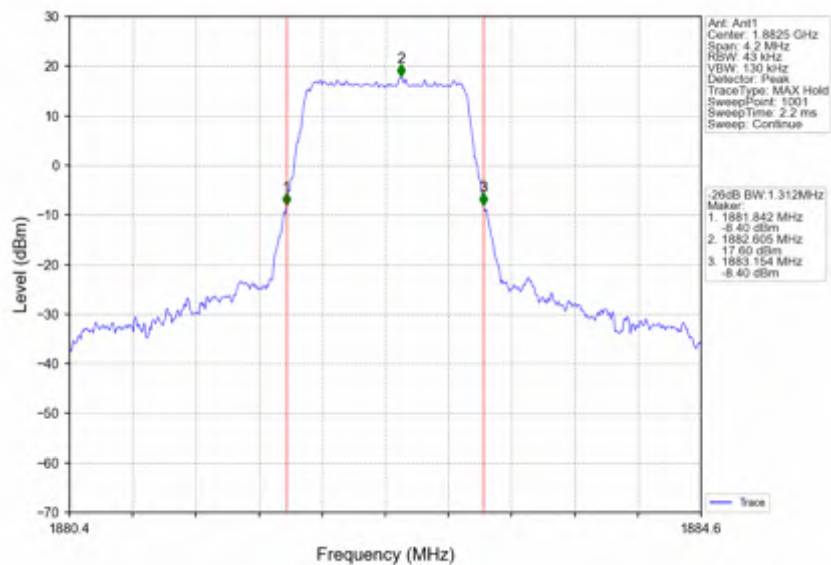
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Band25_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band25_1.4MHz_64QAM_MCH_1882.5MHz_RB_6_0_NTNV



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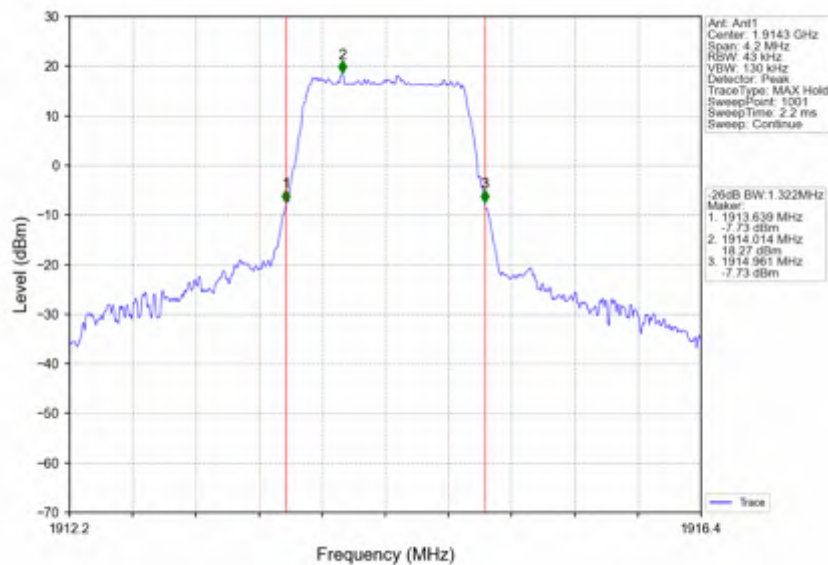
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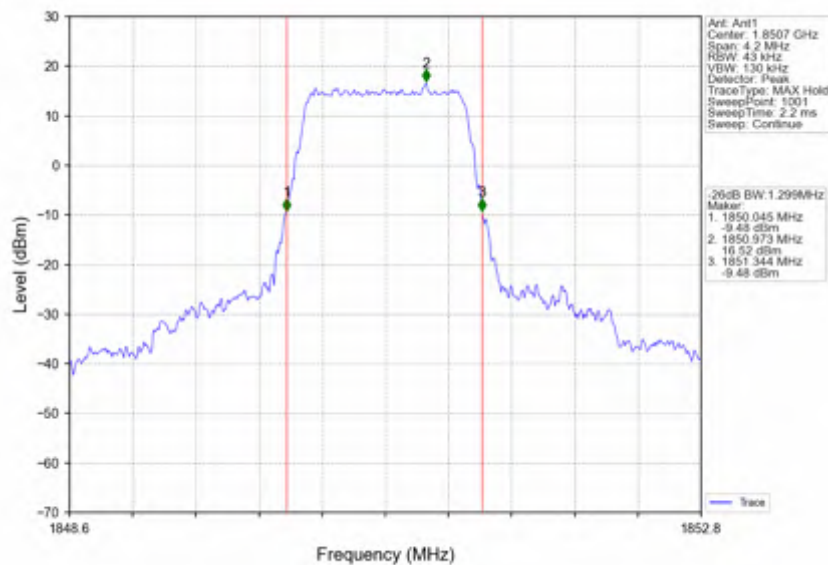
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Band25_1.4MHz_64QAM_HCH_1914.3MHz_RB_6_0_NTNV



Band25_1.4MHz_256QAM_LCH_1850.7MHz_RB_6_0_NTNV



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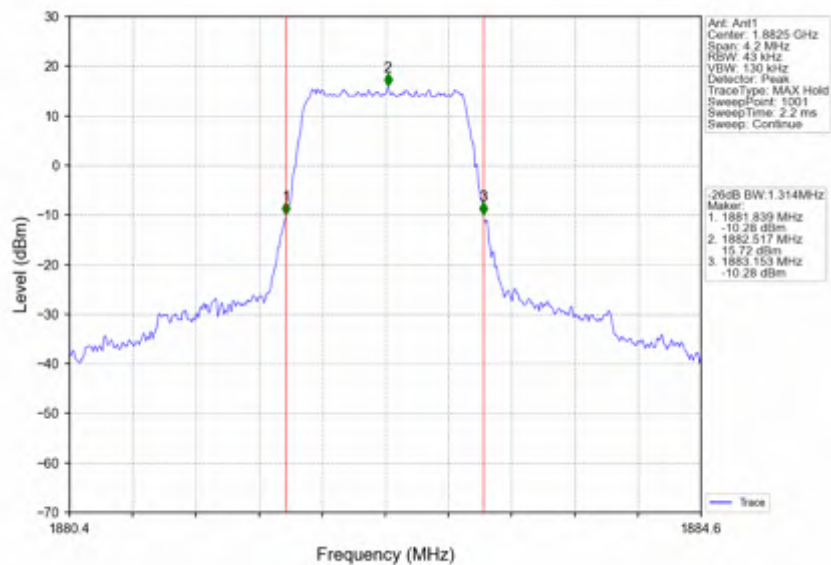
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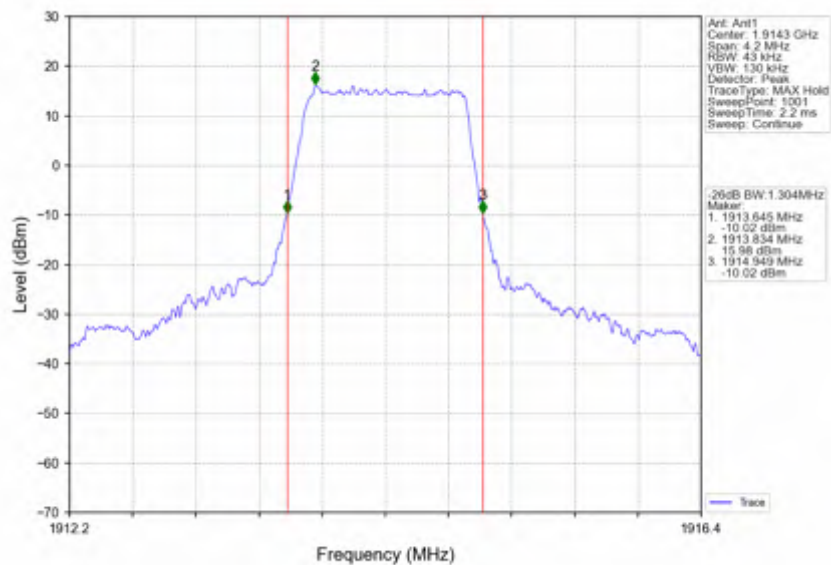
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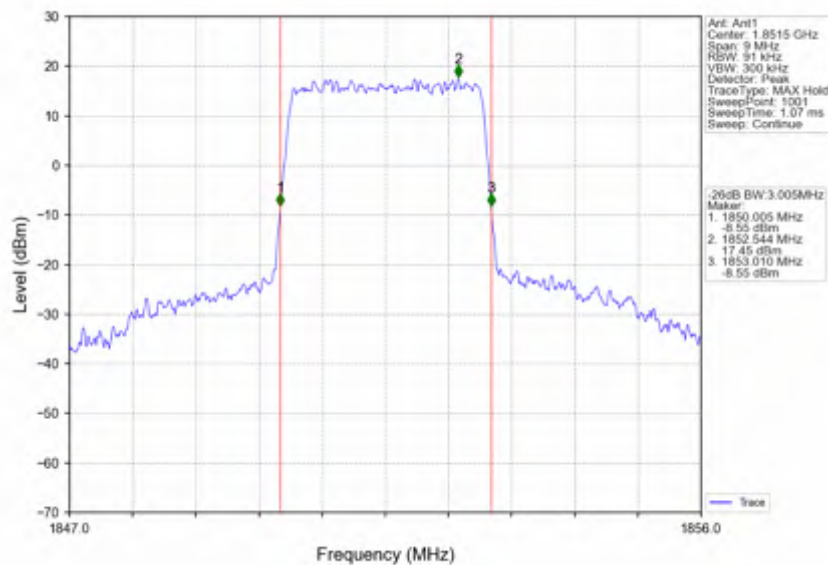
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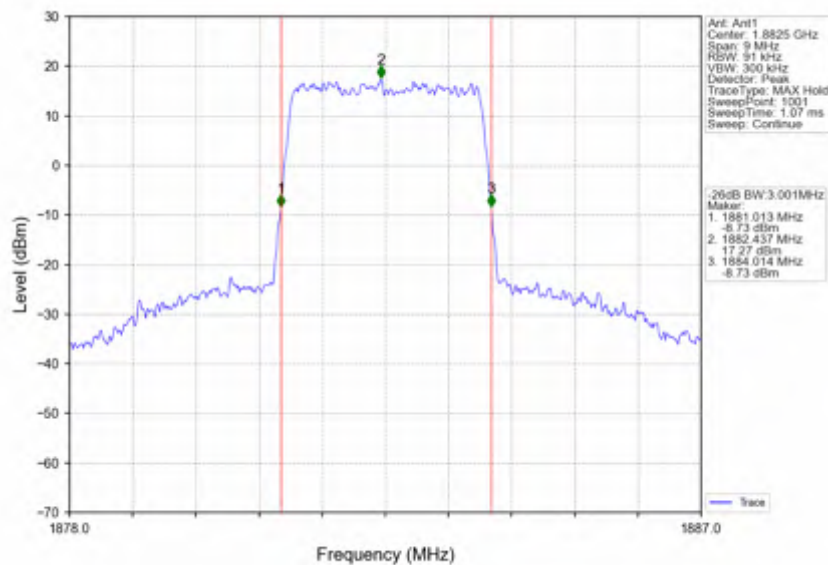
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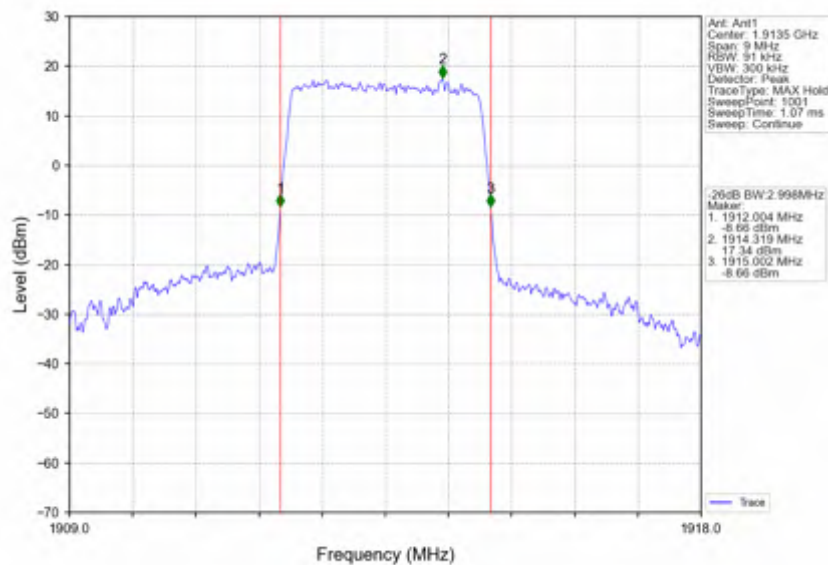
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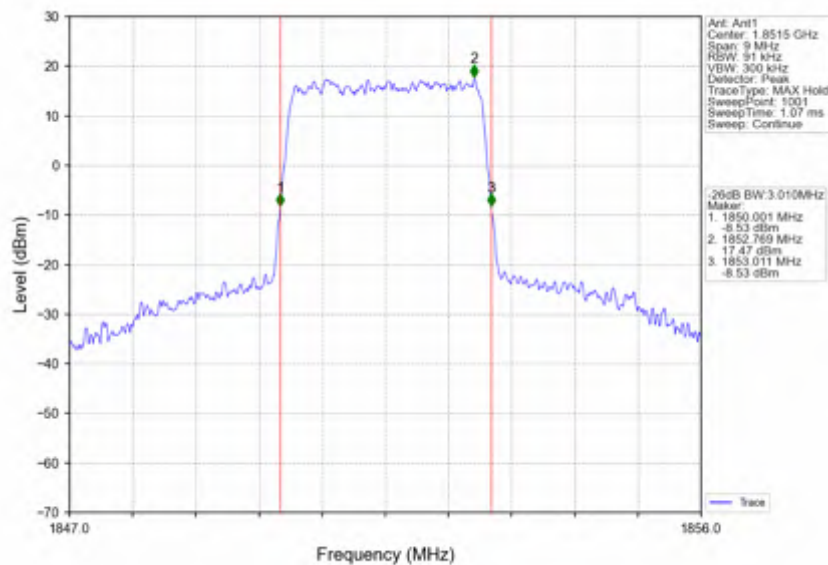
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Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



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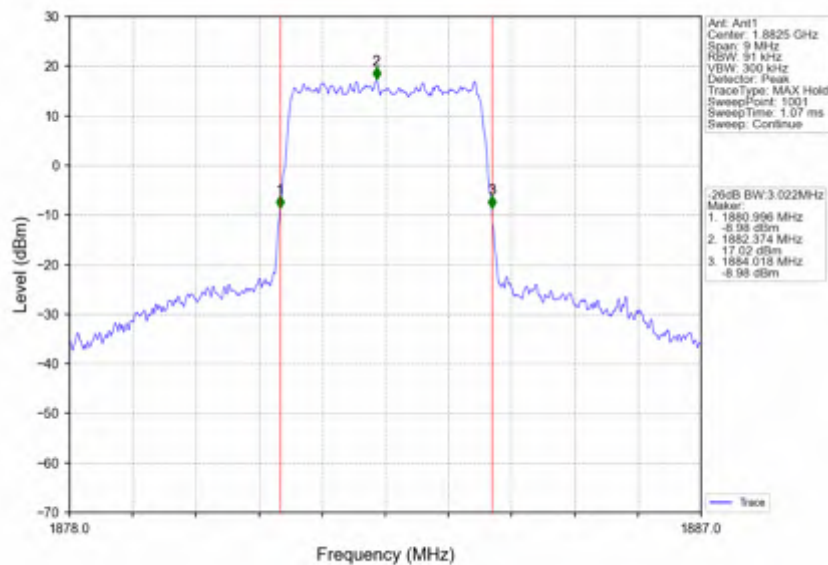
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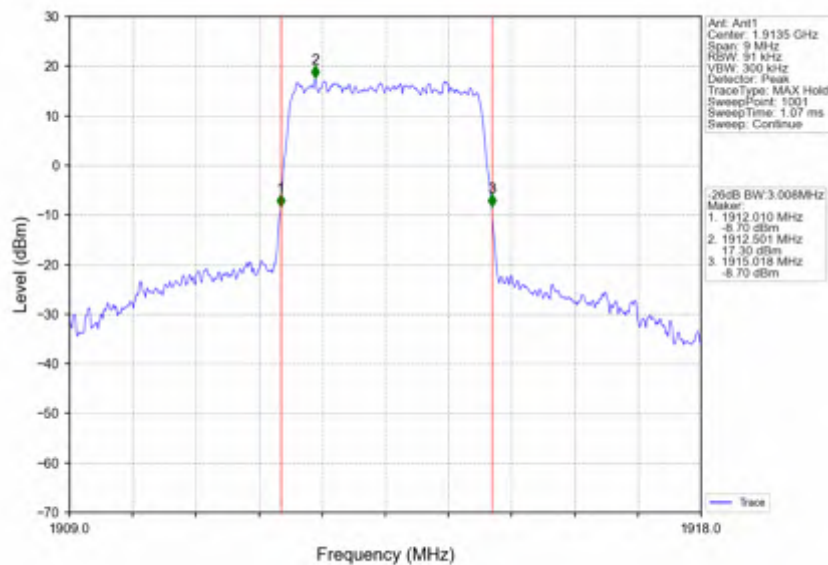
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Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



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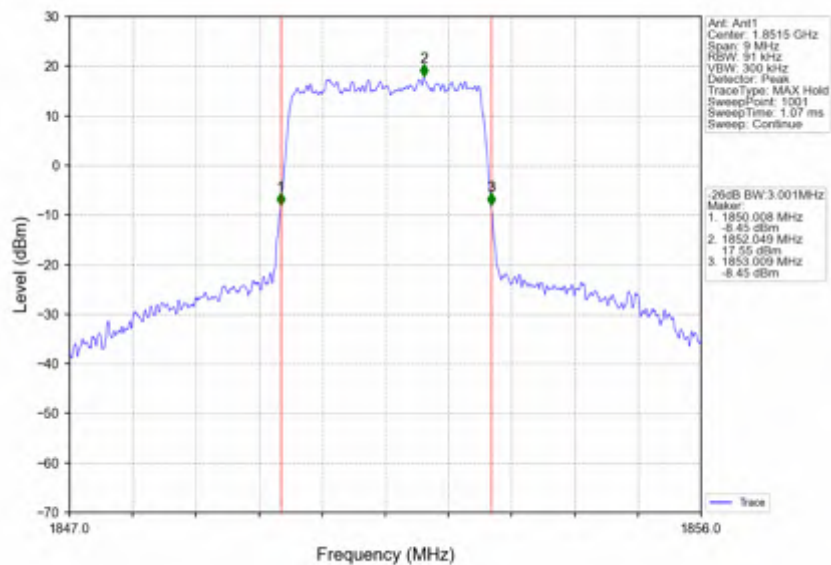
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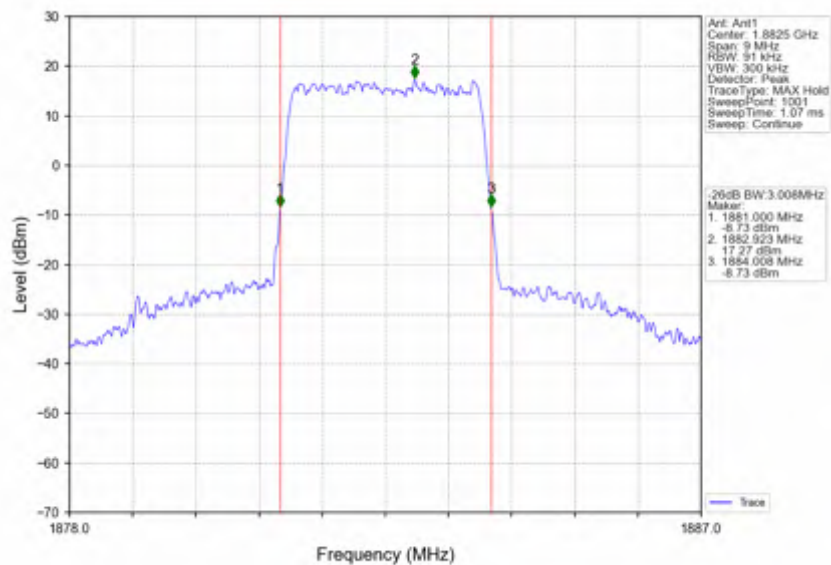
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Band25 3MHz 64QAM LCH 1851.5MHz RB 15 0 NTNV



Band25 3MHz 64QAM MCH 1882.5MHz RB 15 0 NTN



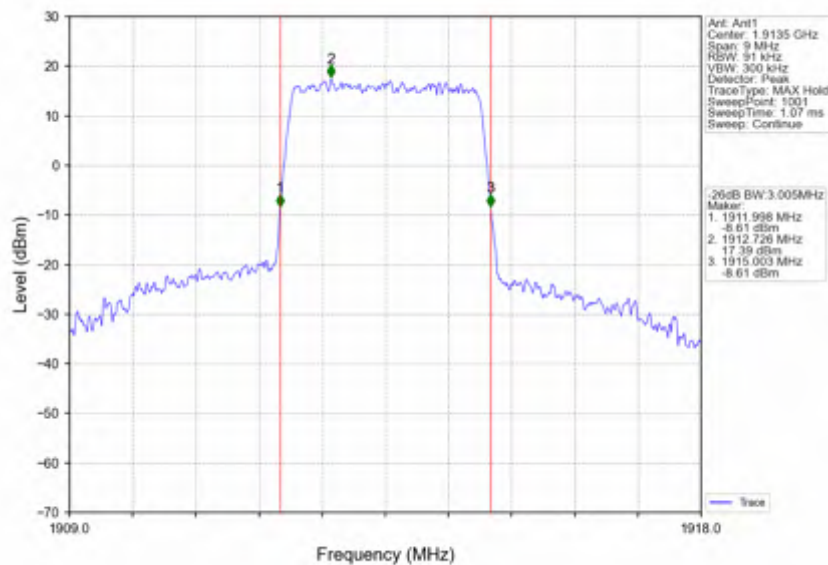
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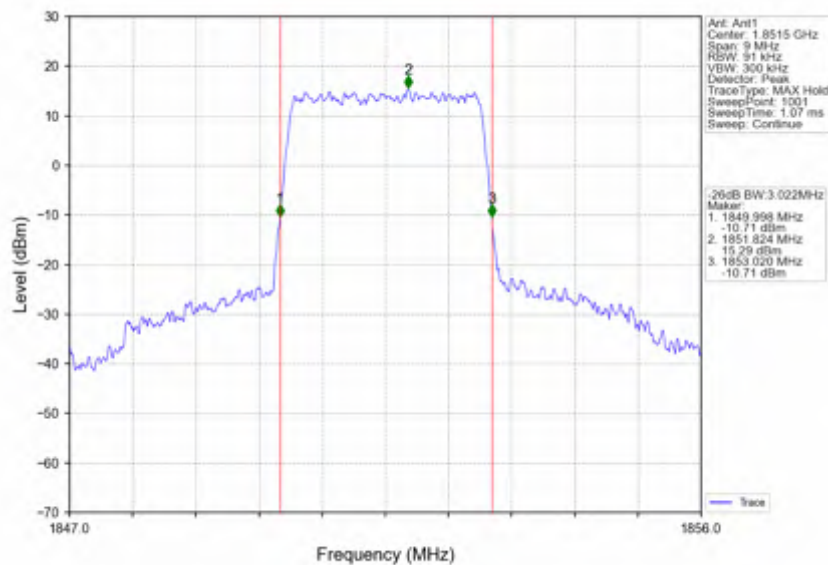
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Band25_3MHz_64QAM_HCH_1913.5MHz_RB_15_0_NTNV



Band25_3MHz_256QAM_LCH_1851.5MHz_RB_15_0_NTNV



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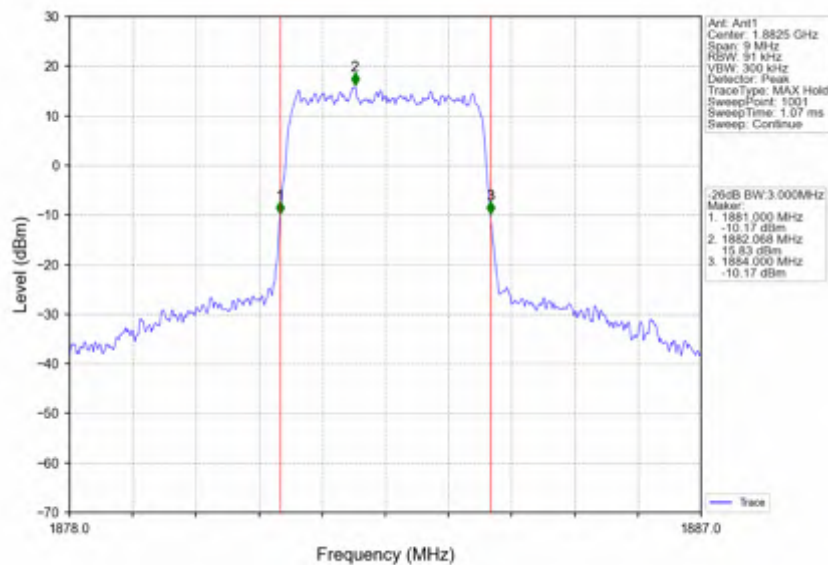
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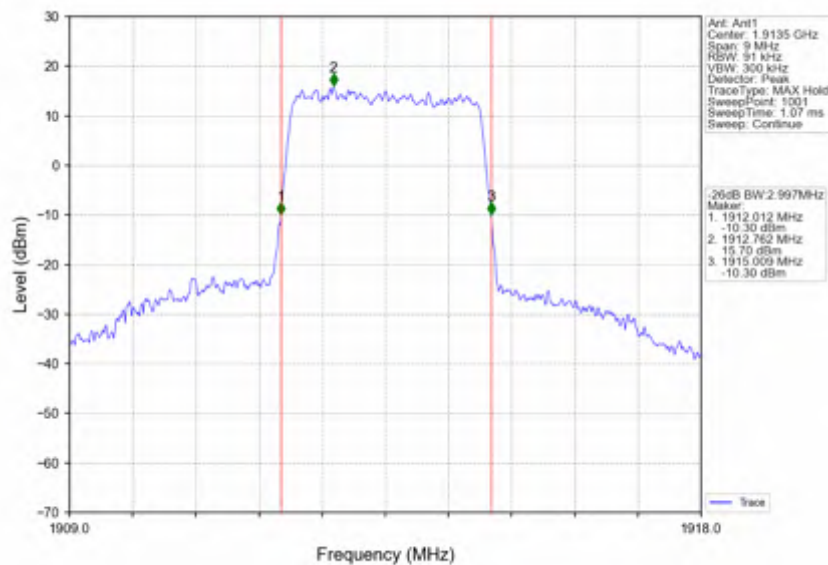
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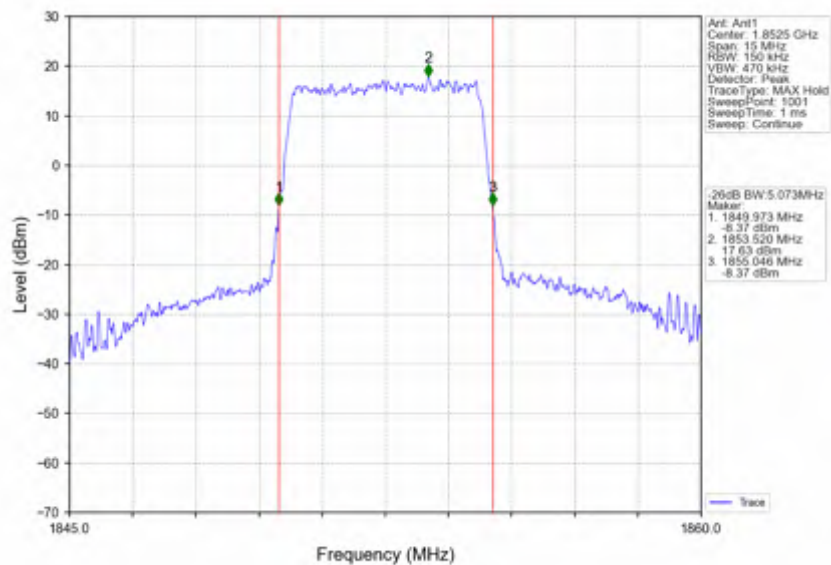


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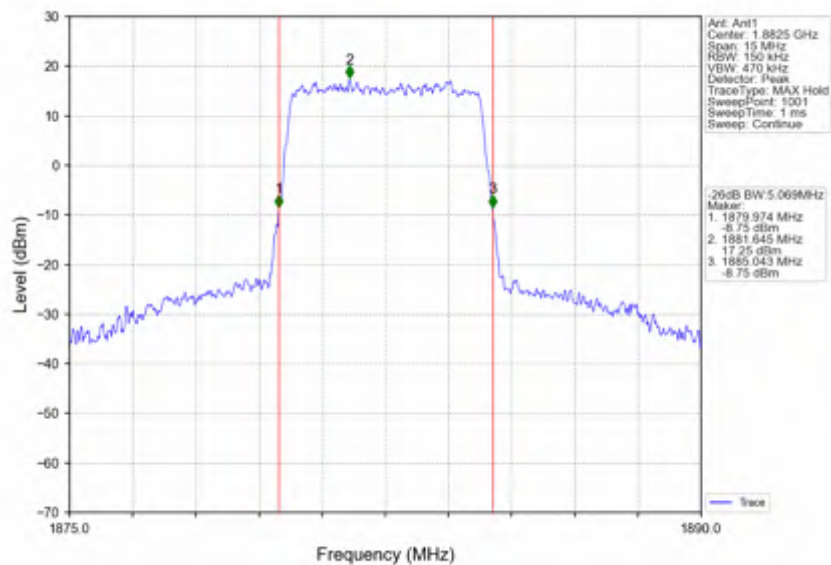
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Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



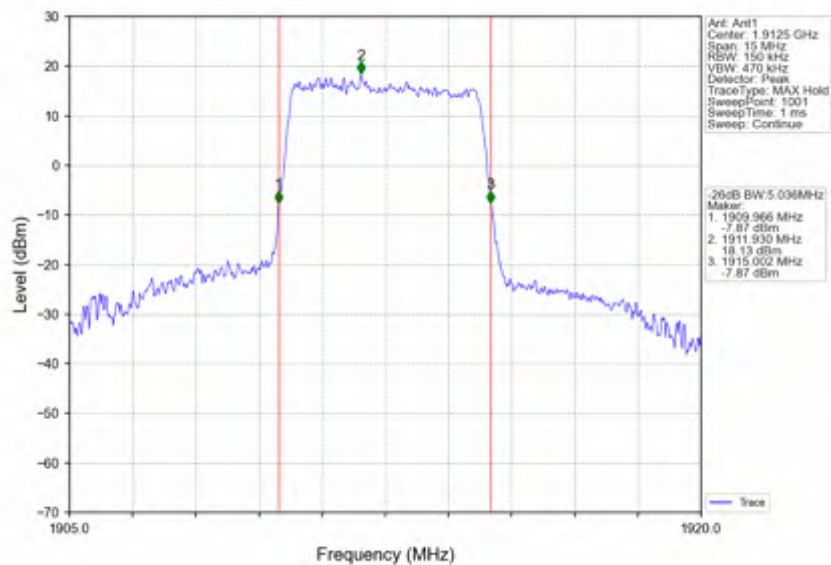
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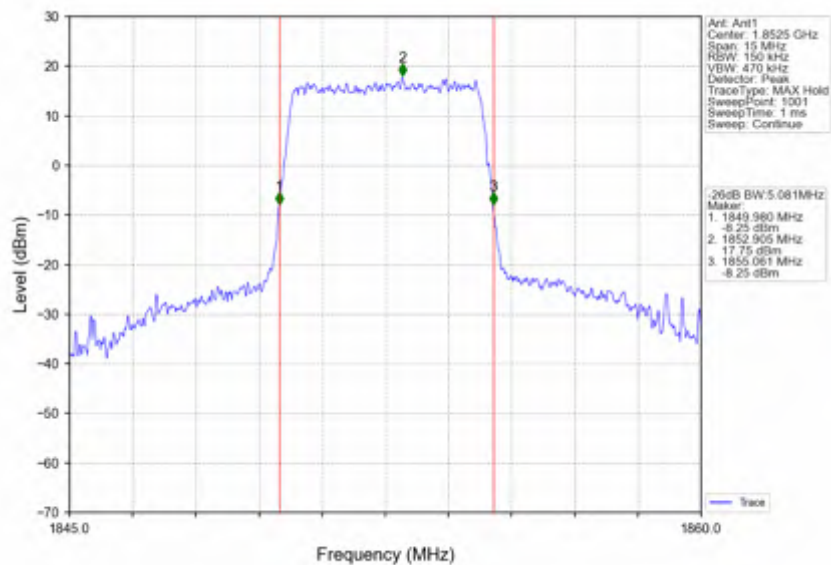
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Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



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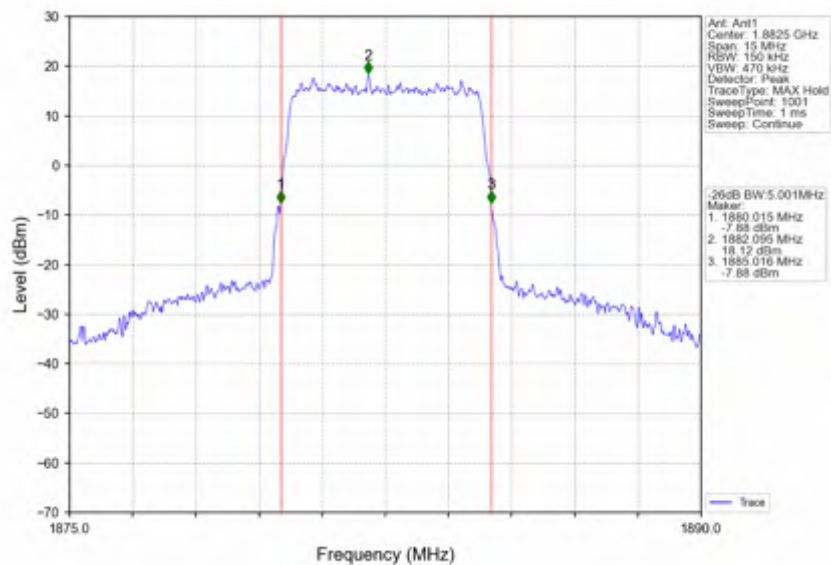
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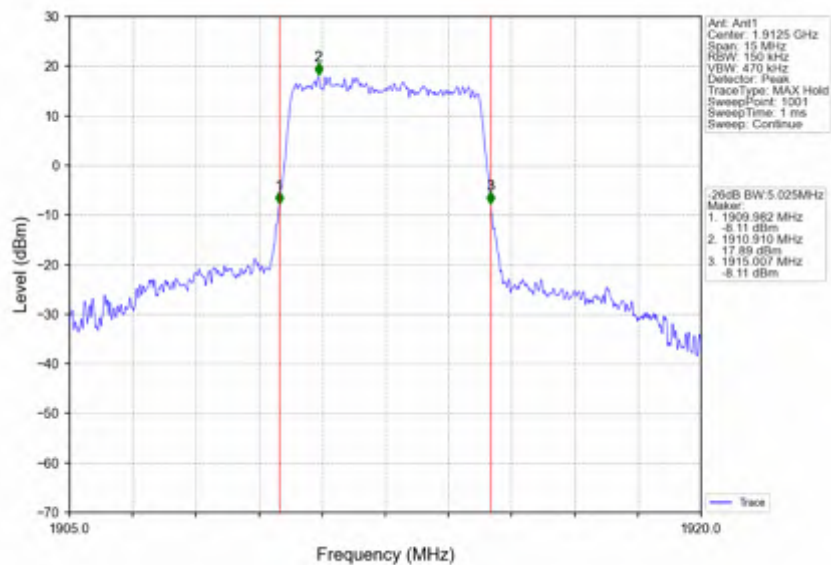
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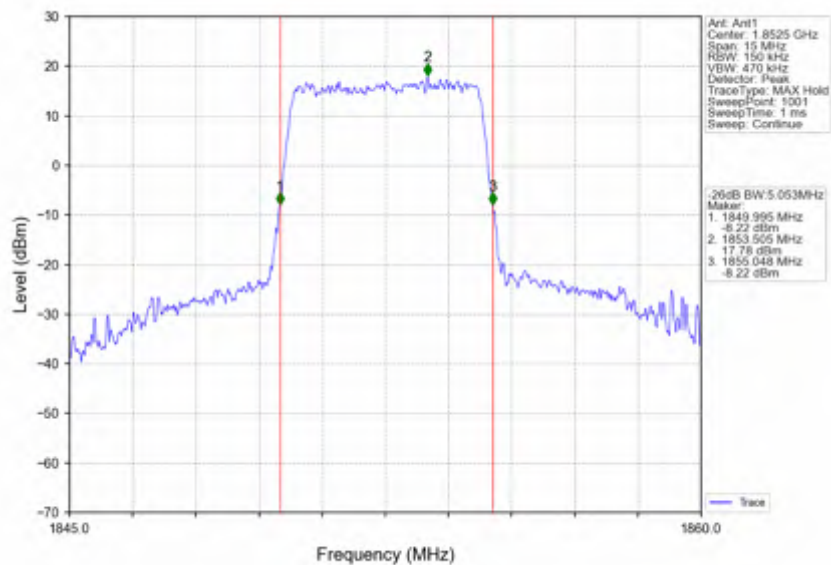
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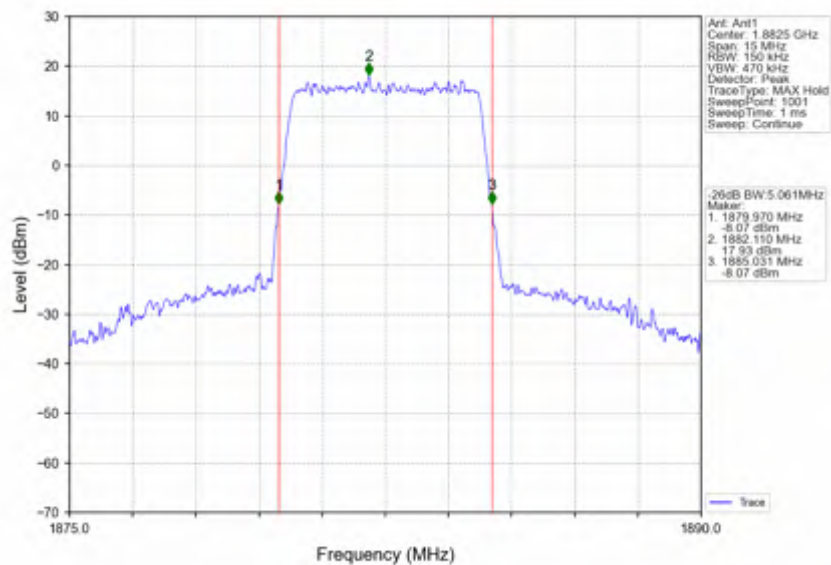
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Band25_5MHz_64QAM_MCH_1882.5MHz_RB_25_0_NTNV



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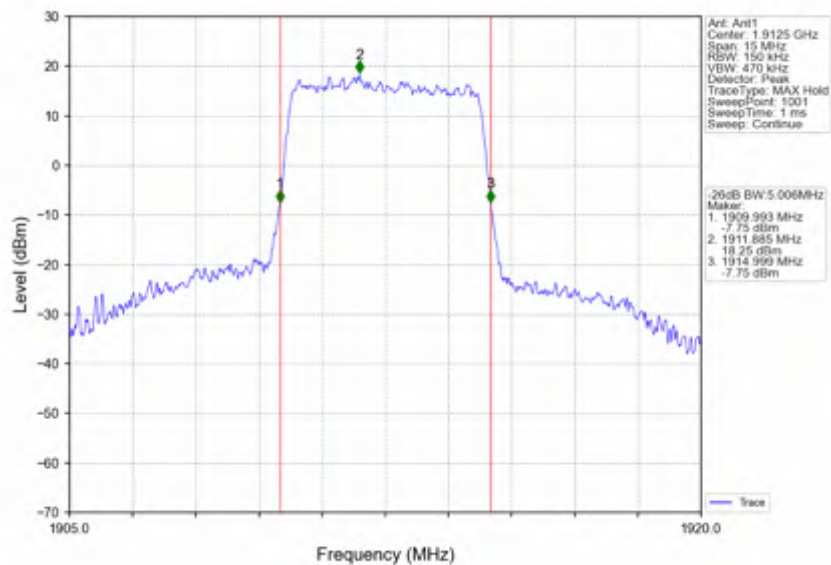
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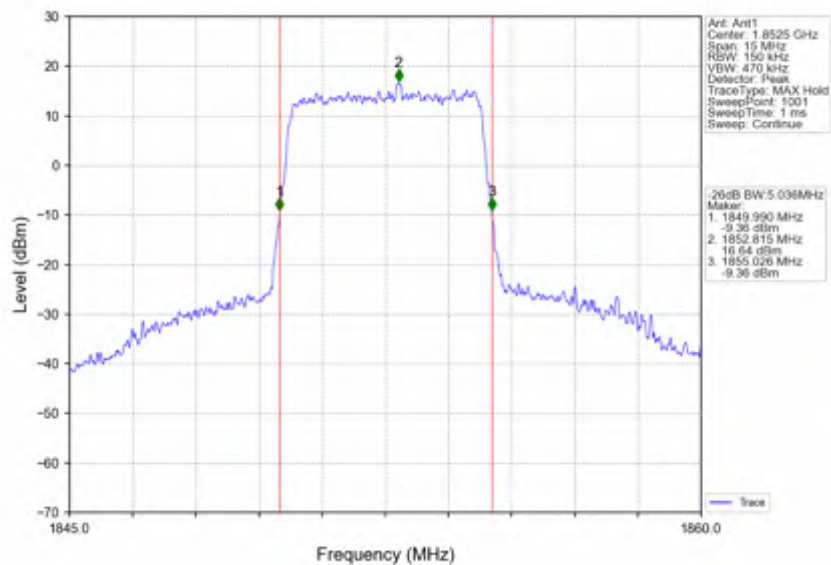
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Band25_5MHz_256QAM_LCH_1852.5MHz_RB_25_0_NTNV



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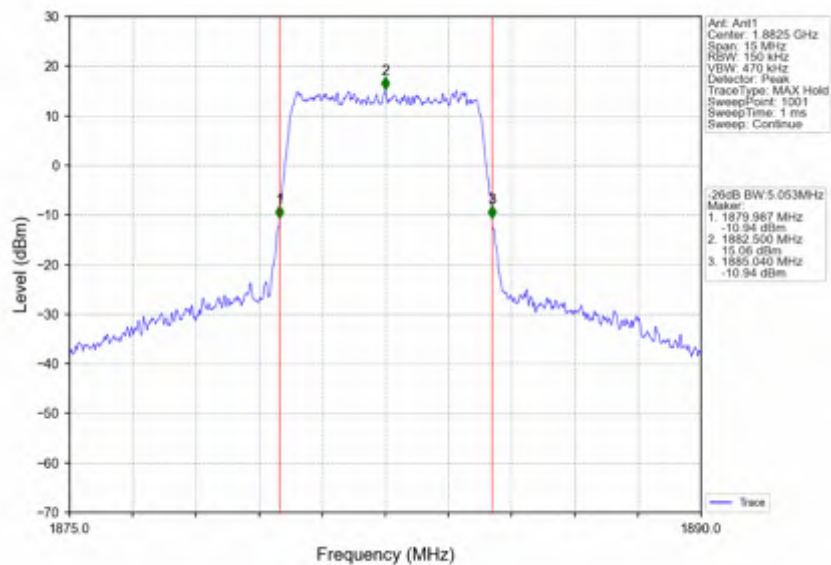
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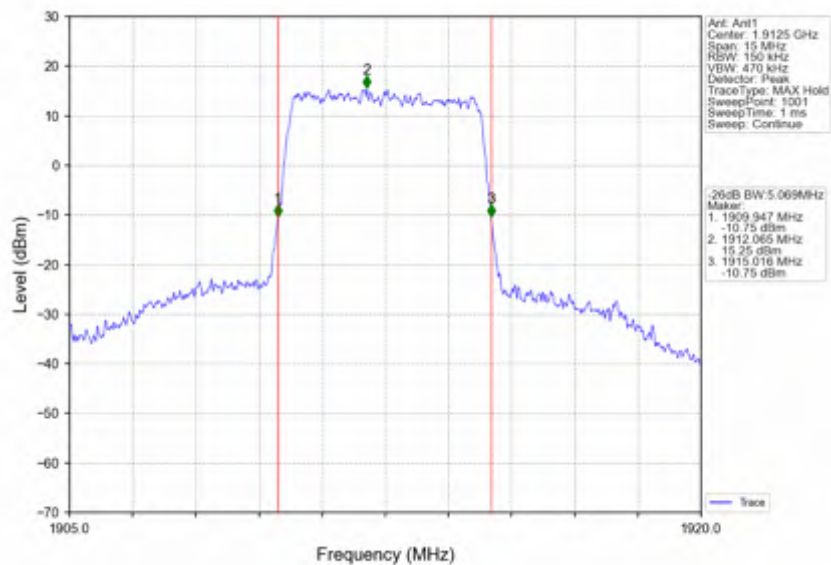
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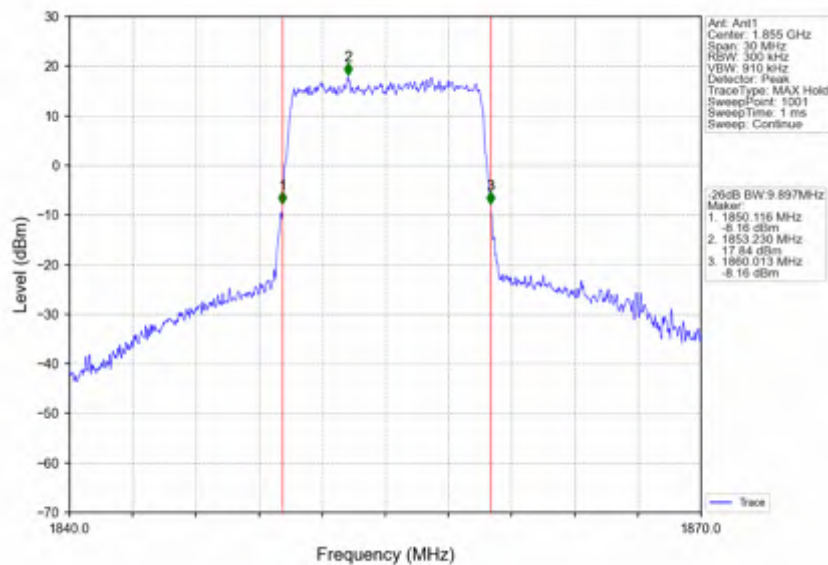


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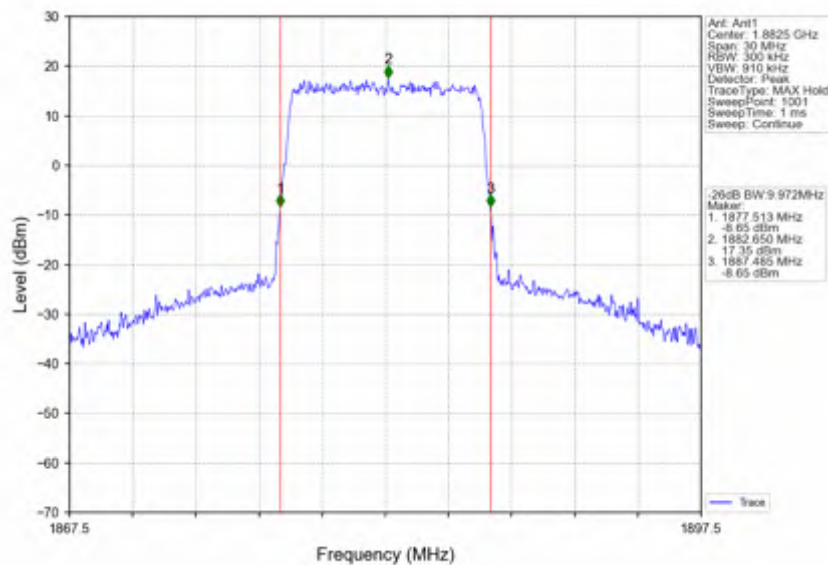
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Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



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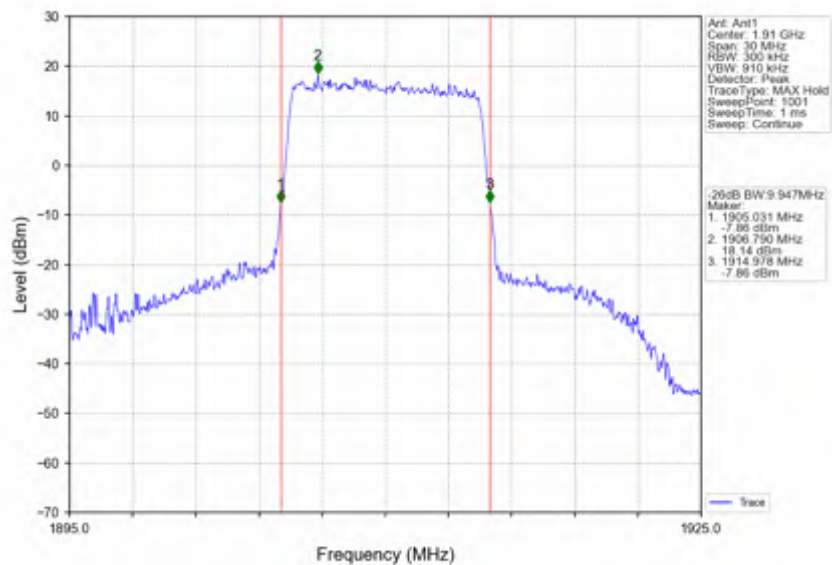
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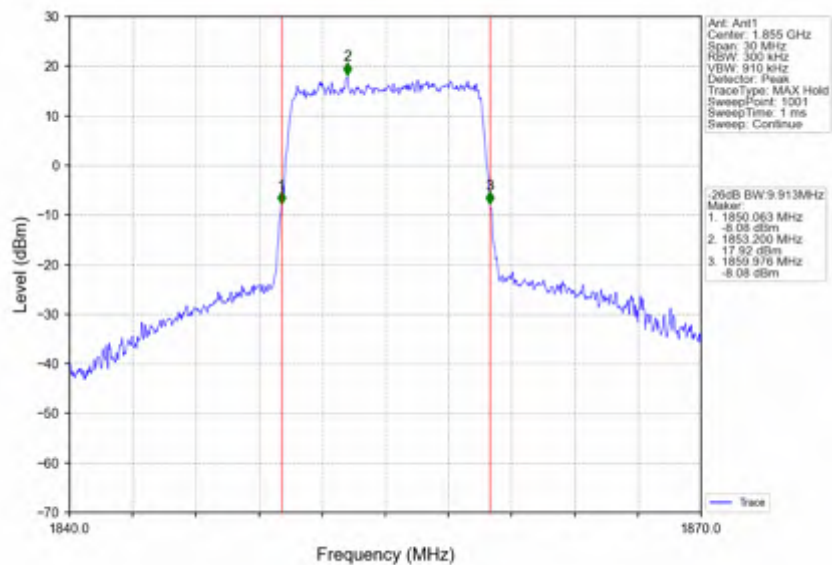
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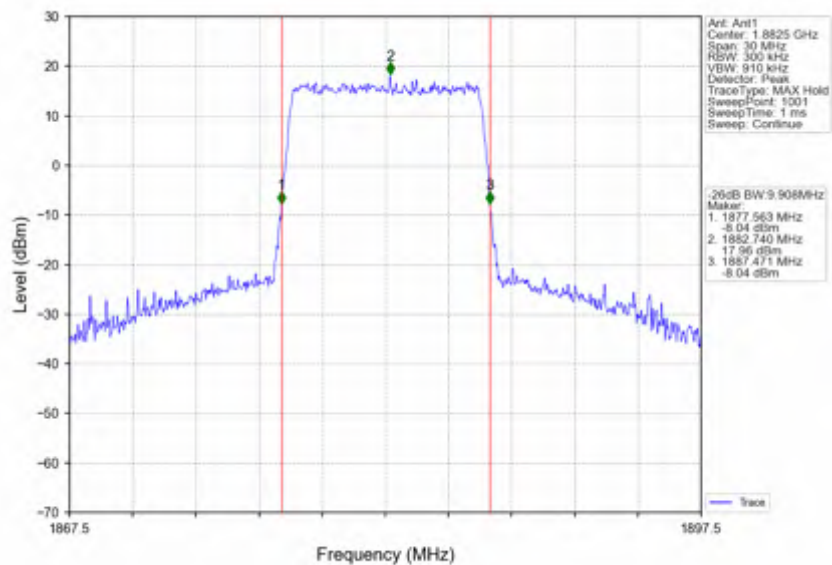
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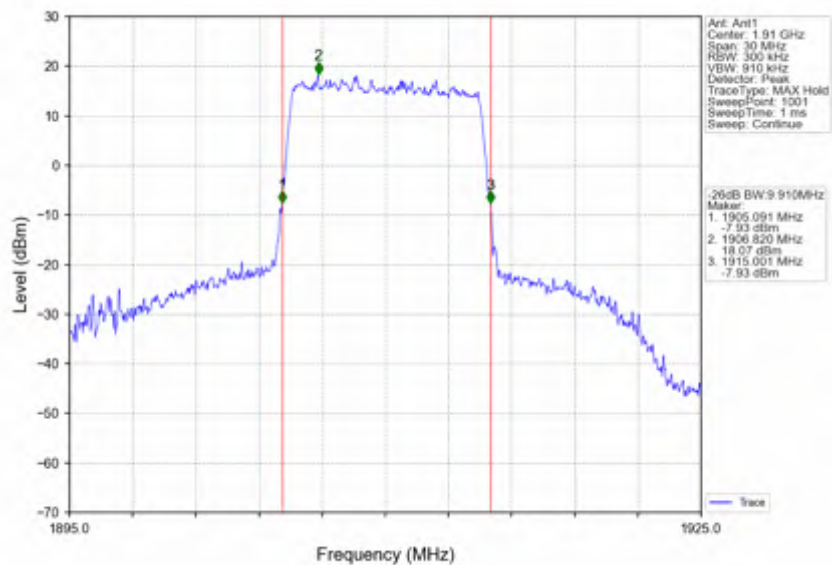
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Band25 10MHz 16QAM MCH 1882.5MHz RB 50 0 NTNv



Band25 10MHz 16QAM HCH 1910MHz RB 50 0 NTNV



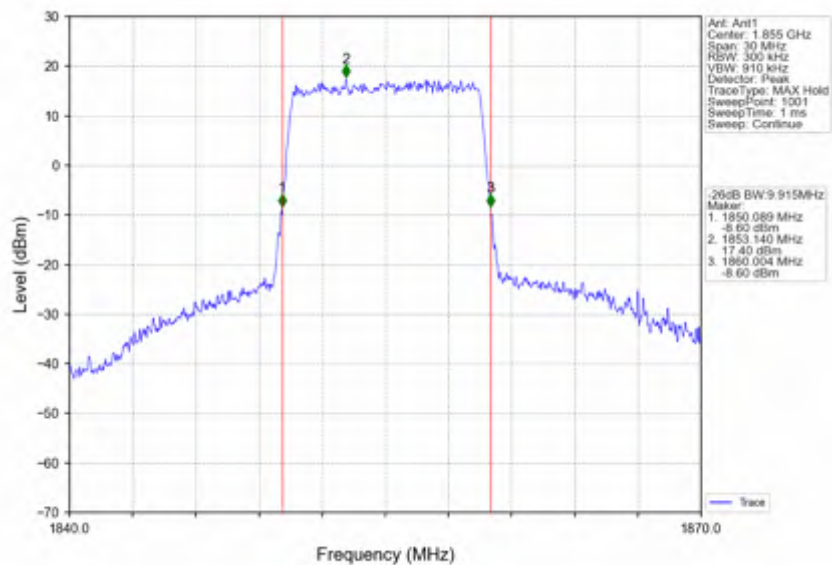
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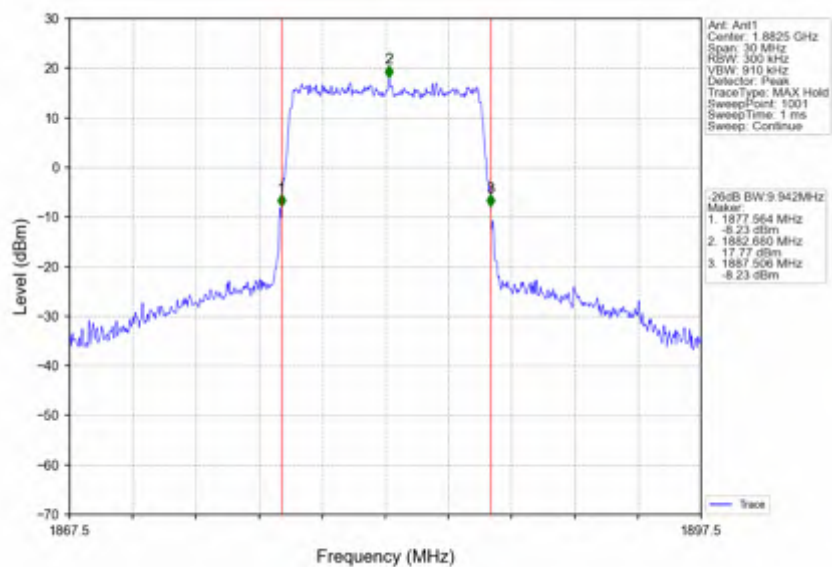
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Band25 10MHz 64QAM LCH 1855MHz RB 50 0 NTNV



Band25	10MHz	64QAM	MCH	1882.5MHz	RB	50	0	NTNV
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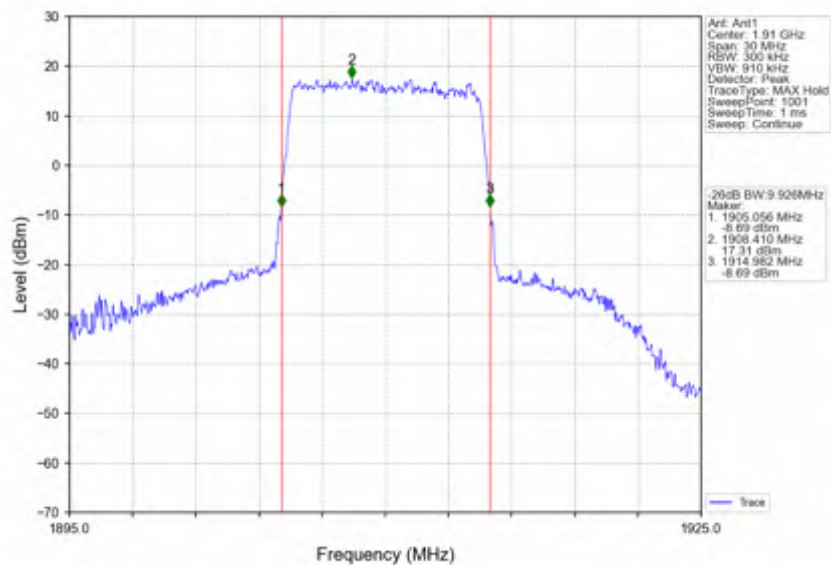


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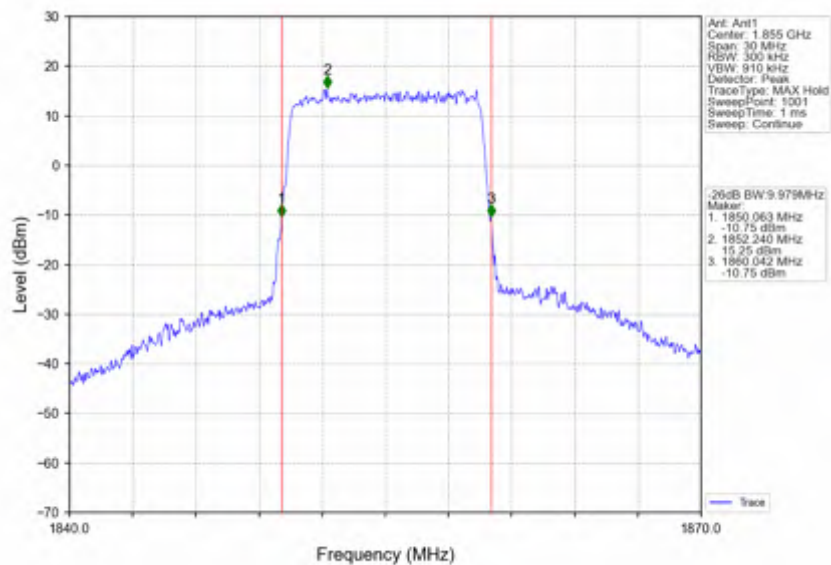
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Band25_10MHz_64QAM_HCH_1910MHz_RB_50_0_NTNV



Band25_10MHz_256QAM_LCH_1855MHz_RB_50_0_NTNV



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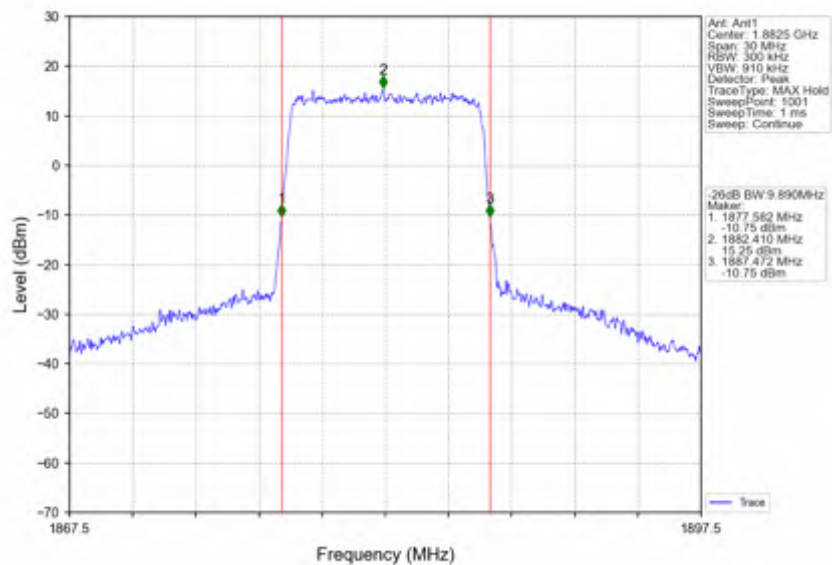
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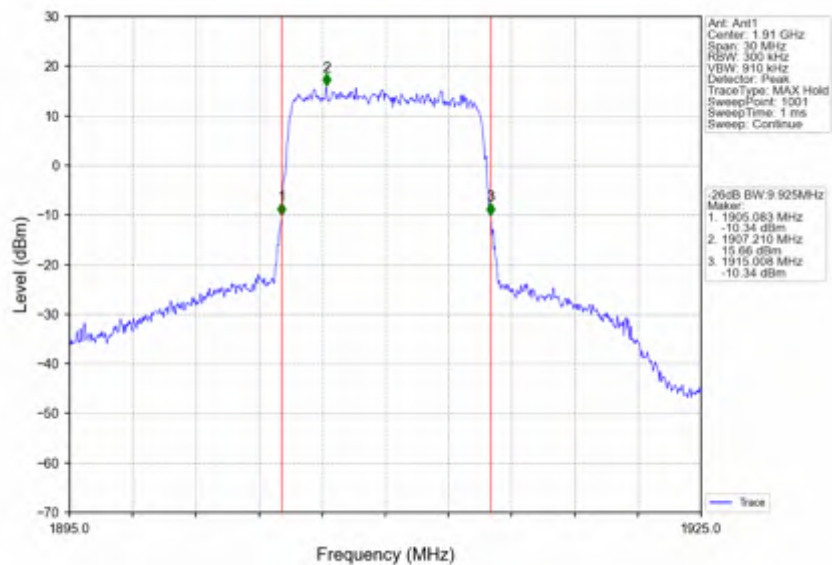
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Band25 10MHz 256QAM HCH 1910MHz RB 50 0 NTNV

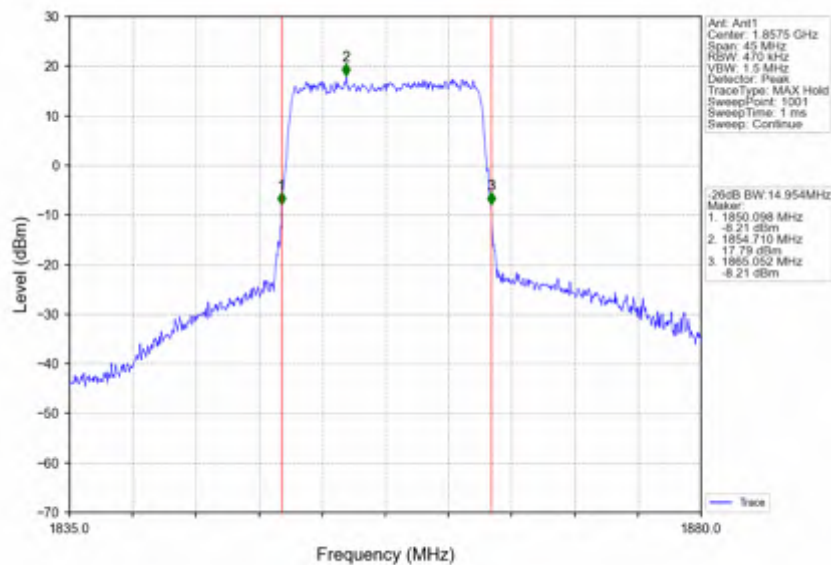


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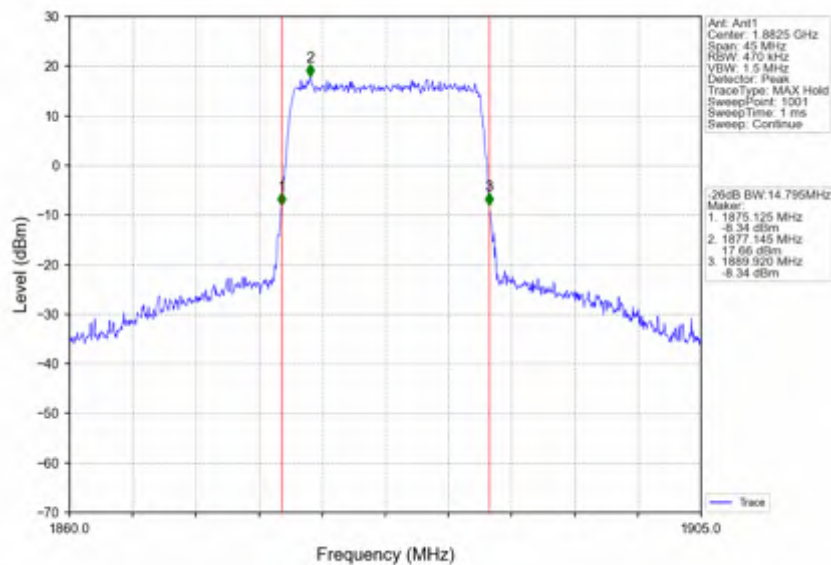
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Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV

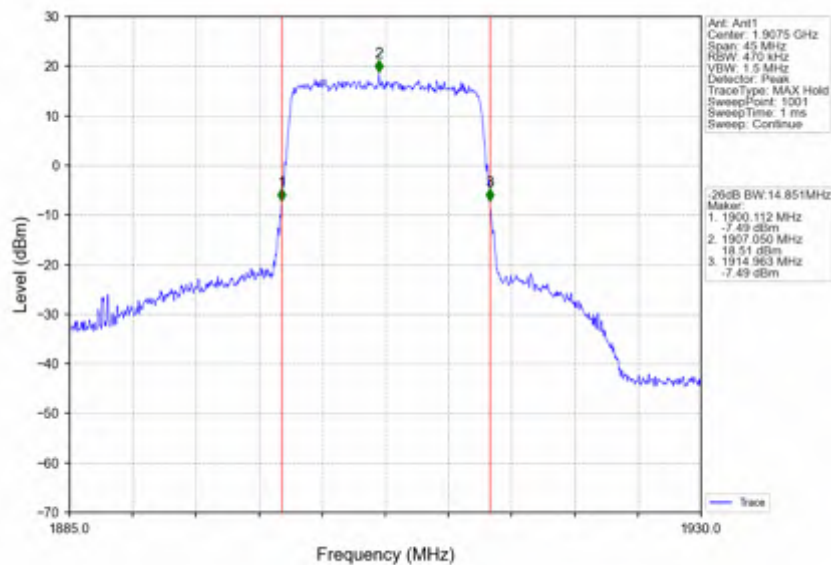


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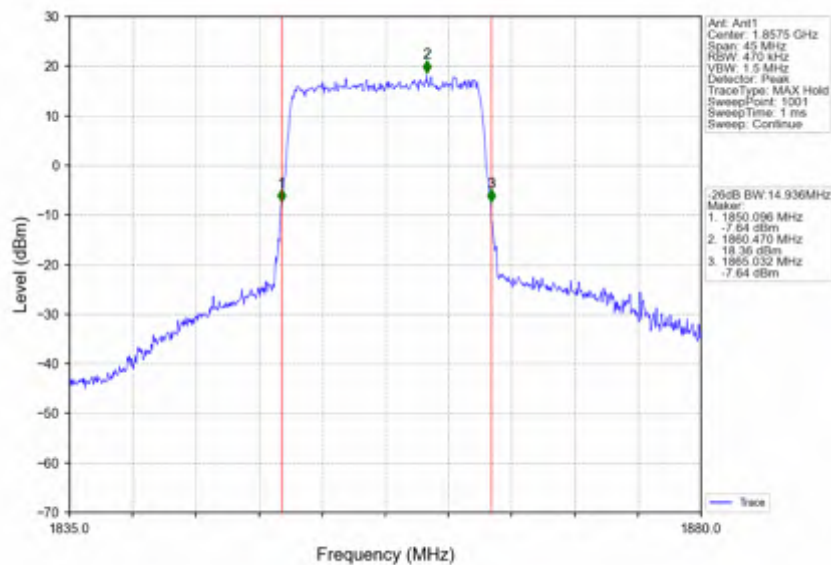
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Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



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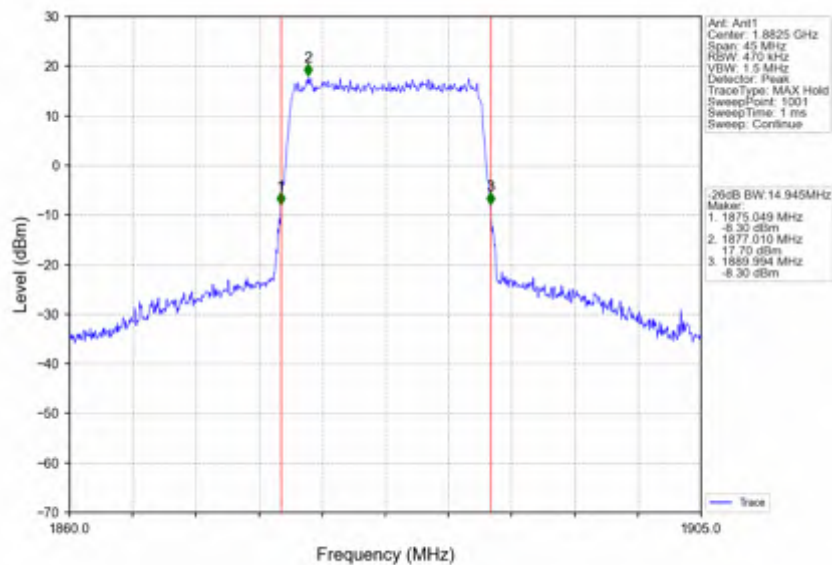
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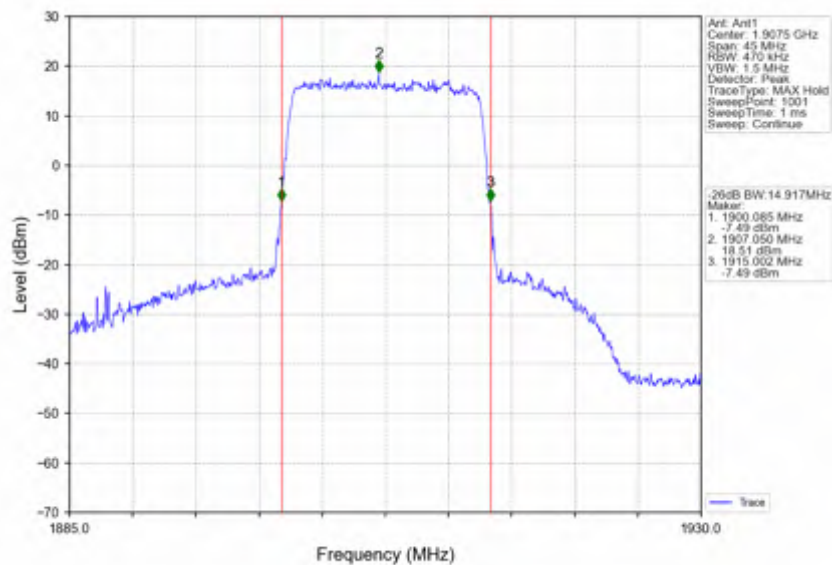
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Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



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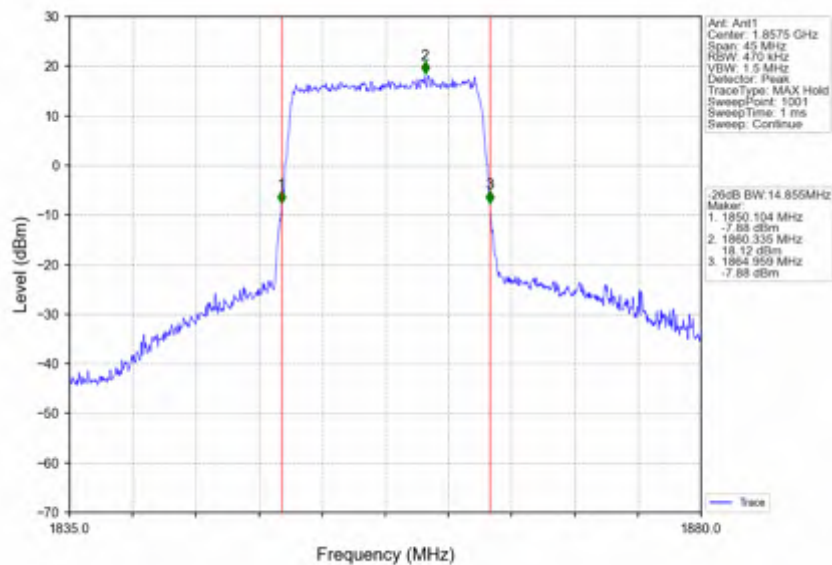
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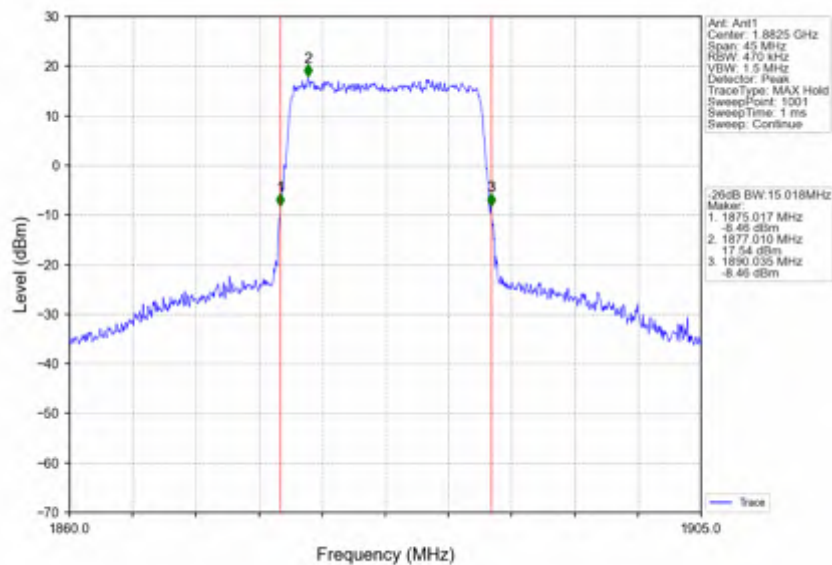
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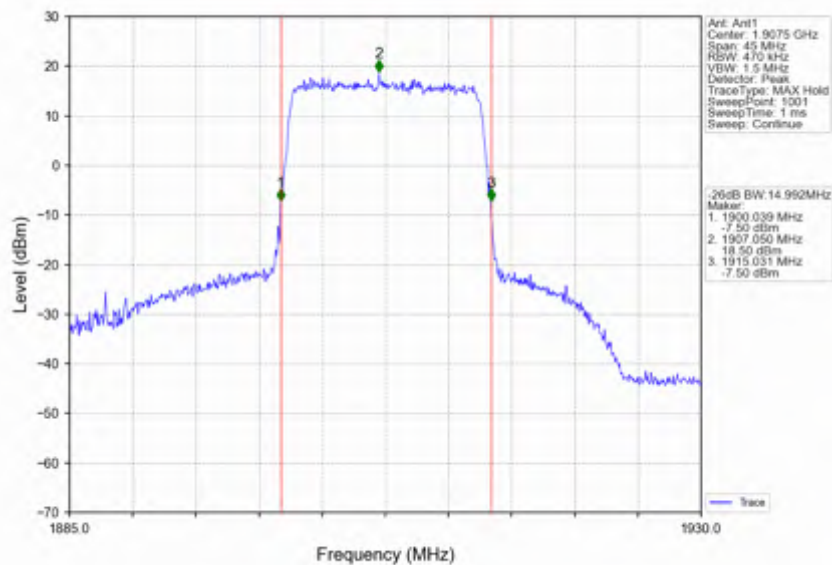


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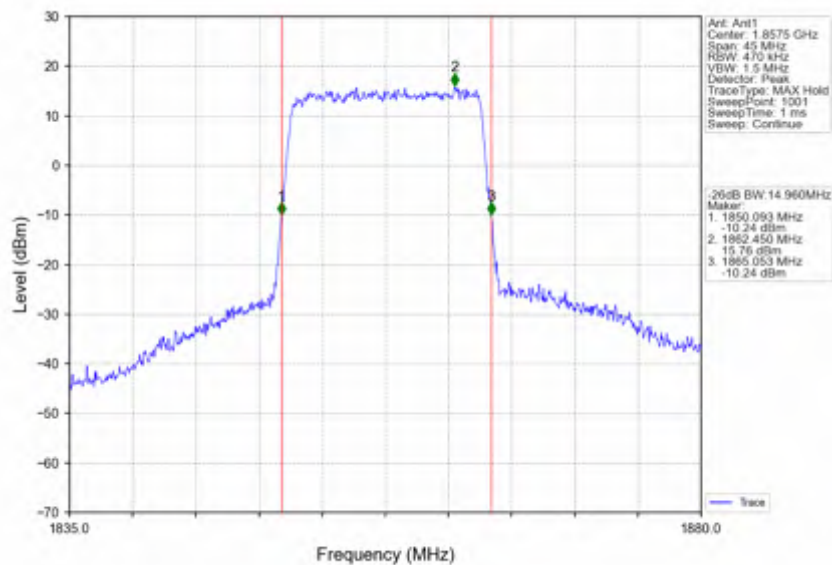
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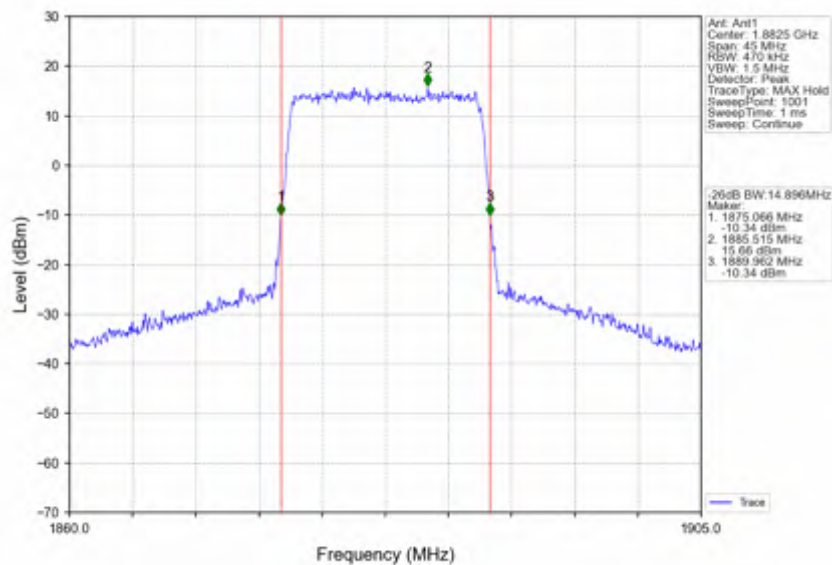
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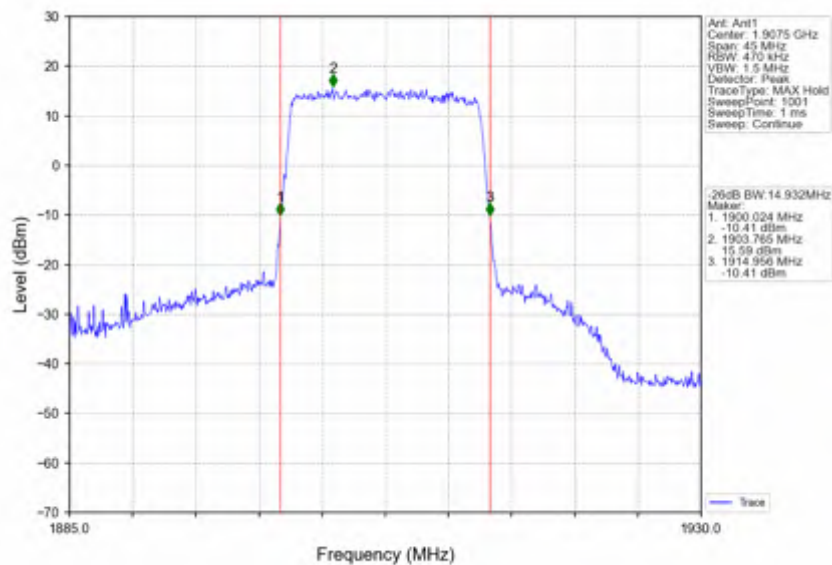
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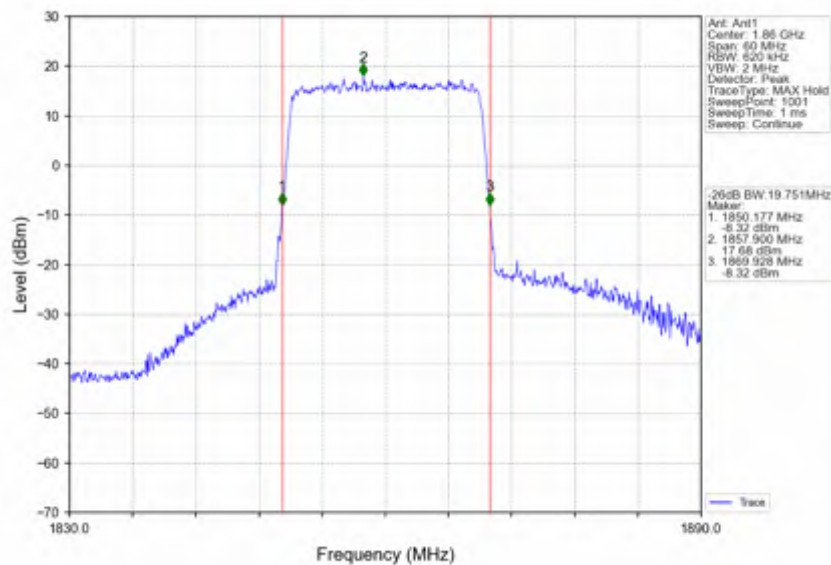
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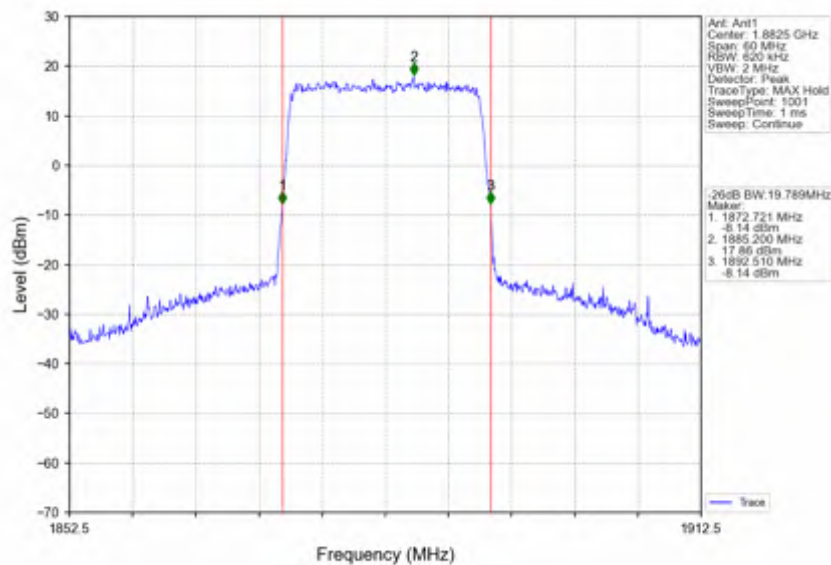
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Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



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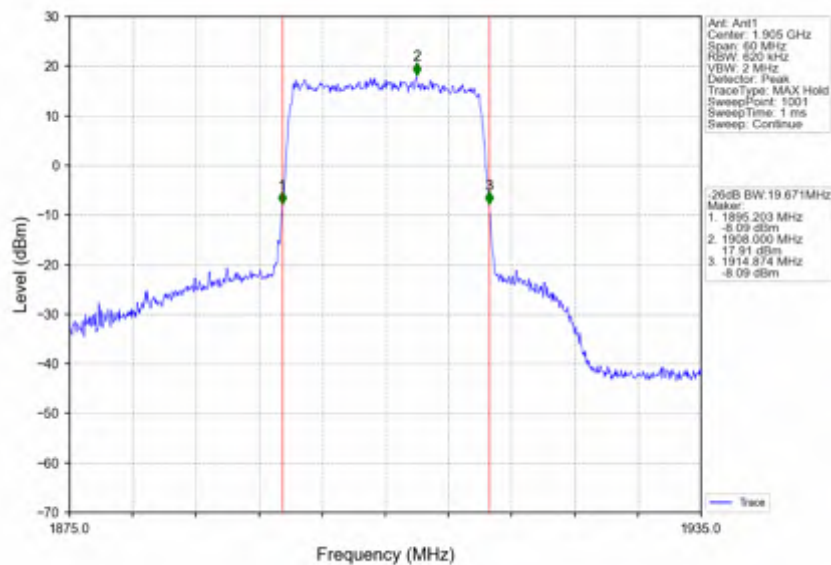
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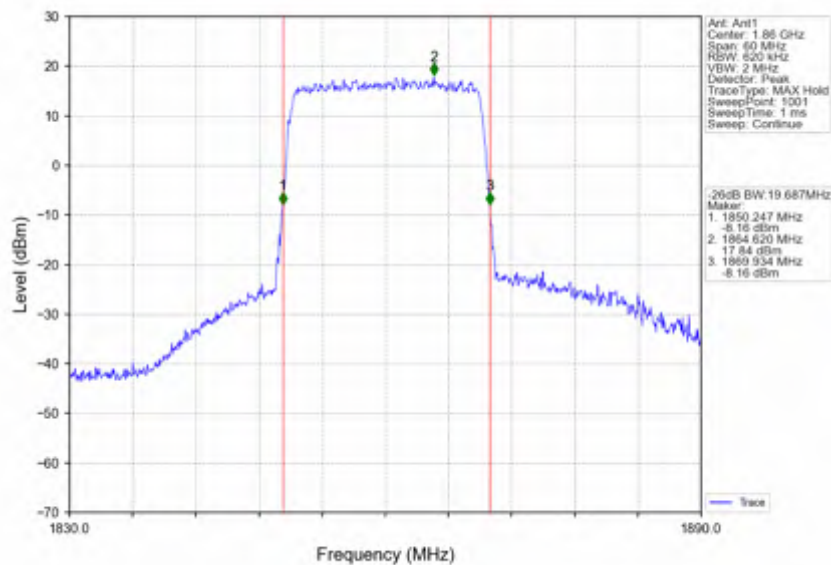
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Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



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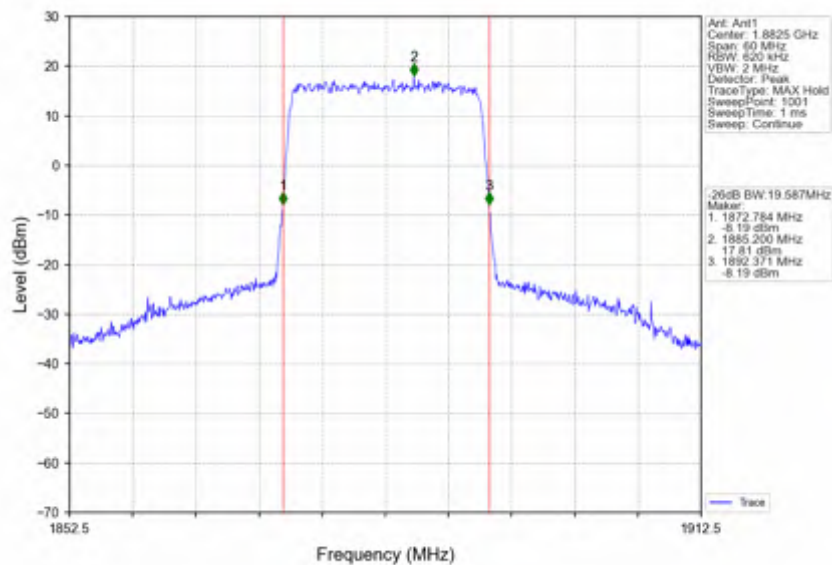
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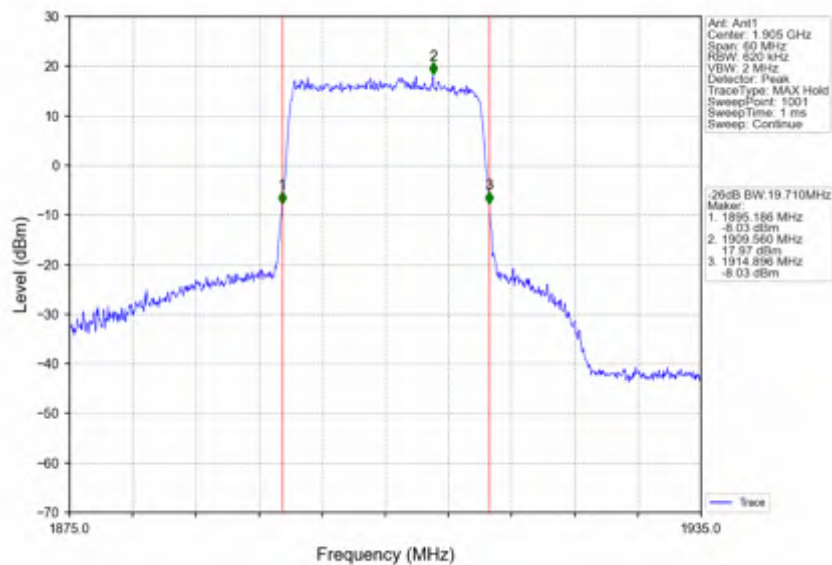
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Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



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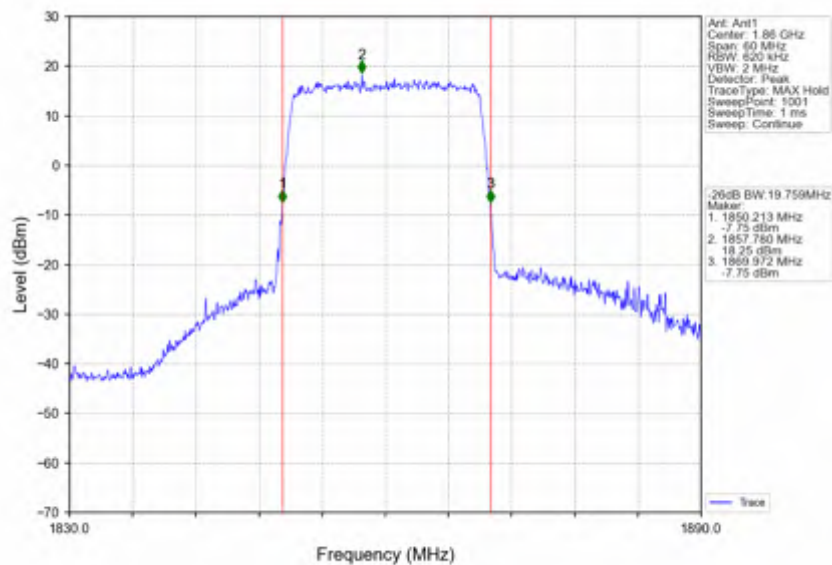
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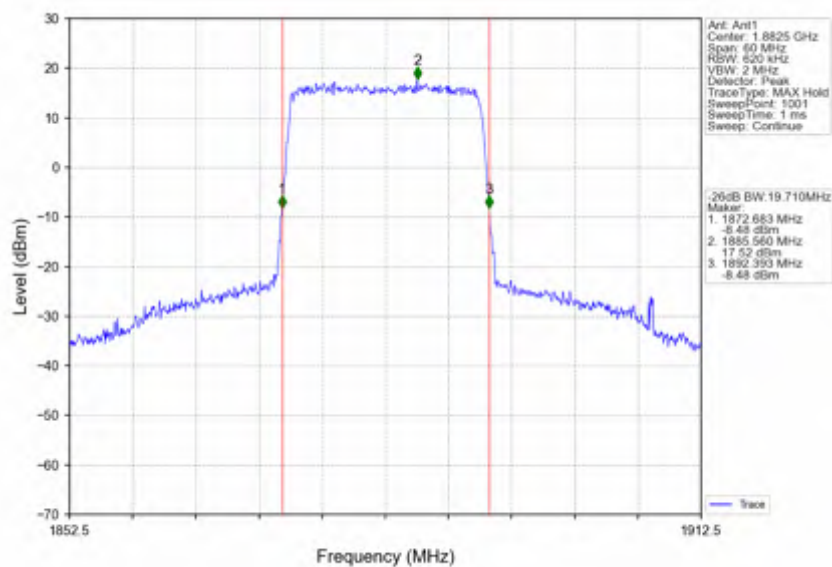
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Band25 20MHz 64QAM LCH 1860MHz RB 100 0 NTN



Band25	20MHz	64QAM	MCH	1882.5MHz	RB	100	0	NTNV
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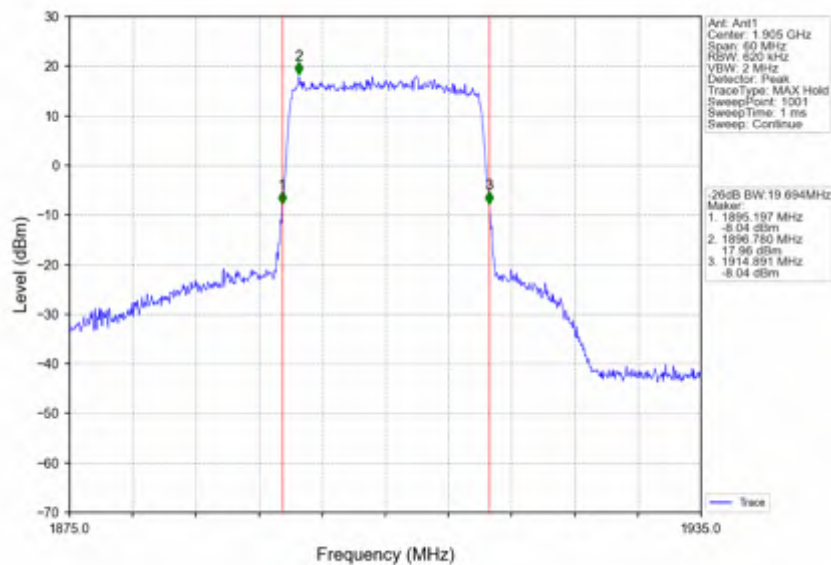


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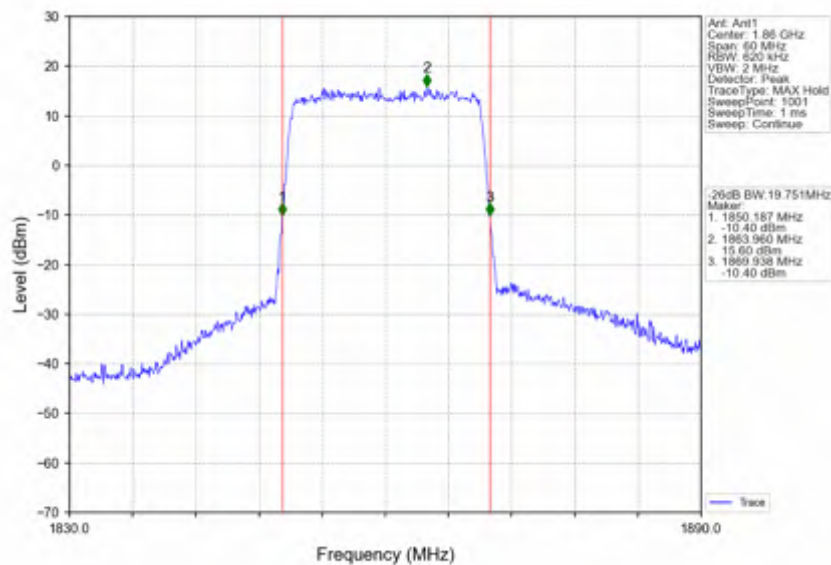
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Band25_20MHz_64QAM_HCH_1905MHz_RB_100_0_NTNV



Band25_20MHz_256QAM_LCH_1860MHz_RB_100_0_NTNV



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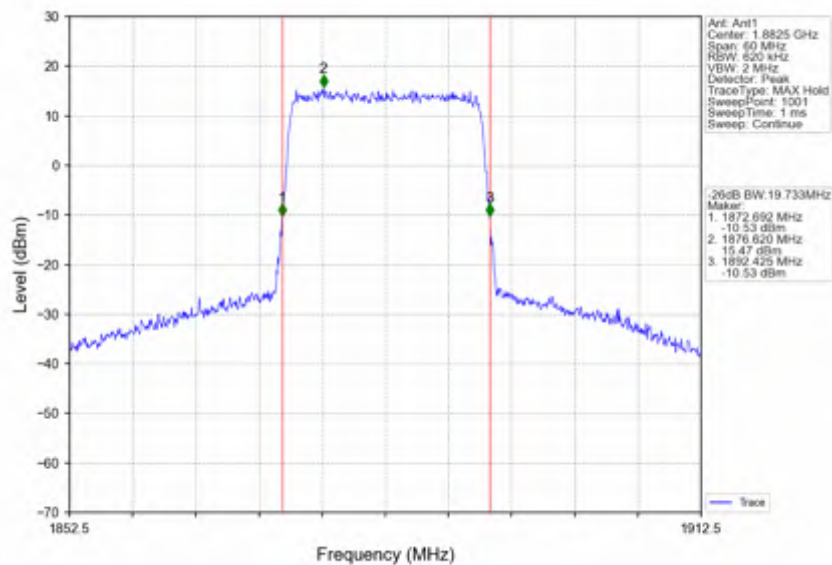
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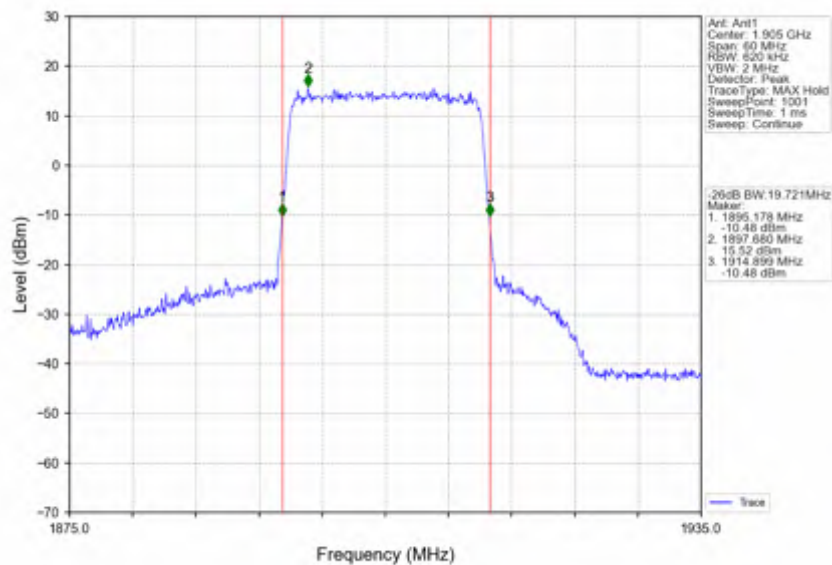
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6. 99% & 26dB Bandwidth

6.1 Band26a_OBW

6.1.1 Test Result

Band: 26a / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	814.7	6	0	1.107	Pass
		819	6	0	1.106	Pass
		823.3	6	0	1.104	Pass
	16QAM	814.7	6	0	1.109	Pass
		819	6	0	1.102	Pass
		823.3	6	0	1.104	Pass
	64QAM	814.7	6	0	1.110	Pass
		819	6	0	1.114	Pass
		823.3	6	0	1.105	Pass
	256QAM	814.7	6	0	1.104	Pass
		819	6	0	1.112	Pass
		823.3	6	0	1.102	Pass
3	QPSK	815.5	15	0	2.722	Pass
		819	15	0	2.711	Pass
		822.5	15	0	2.712	Pass
	16QAM	815.5	15	0	2.719	Pass
		819	15	0	2.713	Pass
		822.5	15	0	2.716	Pass
	64QAM	815.5	15	0	2.719	Pass
		819	15	0	2.715	Pass
		822.5	15	0	2.714	Pass
	256QAM	815.5	15	0	2.717	Pass
		819	15	0	2.722	Pass
		822.5	15	0	2.711	Pass
5	QPSK	816.5	25	0	4.525	Pass
		819	25	0	4.528	Pass
		821.5	25	0	4.540	Pass
	16QAM	816.5	25	0	4.542	Pass
		819	25	0	4.530	Pass
		821.5	25	0	4.535	Pass
	64QAM	816.5	25	0	4.534	Pass
		819	25	0	4.535	Pass
		821.5	25	0	4.546	Pass
	256QAM	816.5	25	0	4.537	Pass
		819	25	0	4.533	Pass
		821.5	25	0	4.550	Pass
10	QPSK	819	50	0	9.045	Pass
		819	50	0	9.019	Pass
		819	50	0	9.057	Pass
	16QAM	819	50	0	9.071	Pass
		819	50	0	9.066	Pass
		819	50	0	9.068	Pass
	64QAM	819	50	0	9.034	Pass



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		819	50	0	9.034	Pass
		819	50	0	9.034	Pass
	256QAM	819	50	0	9.027	Pass
		819	50	0	9.046	Pass
		819	50	0	9.028	Pass



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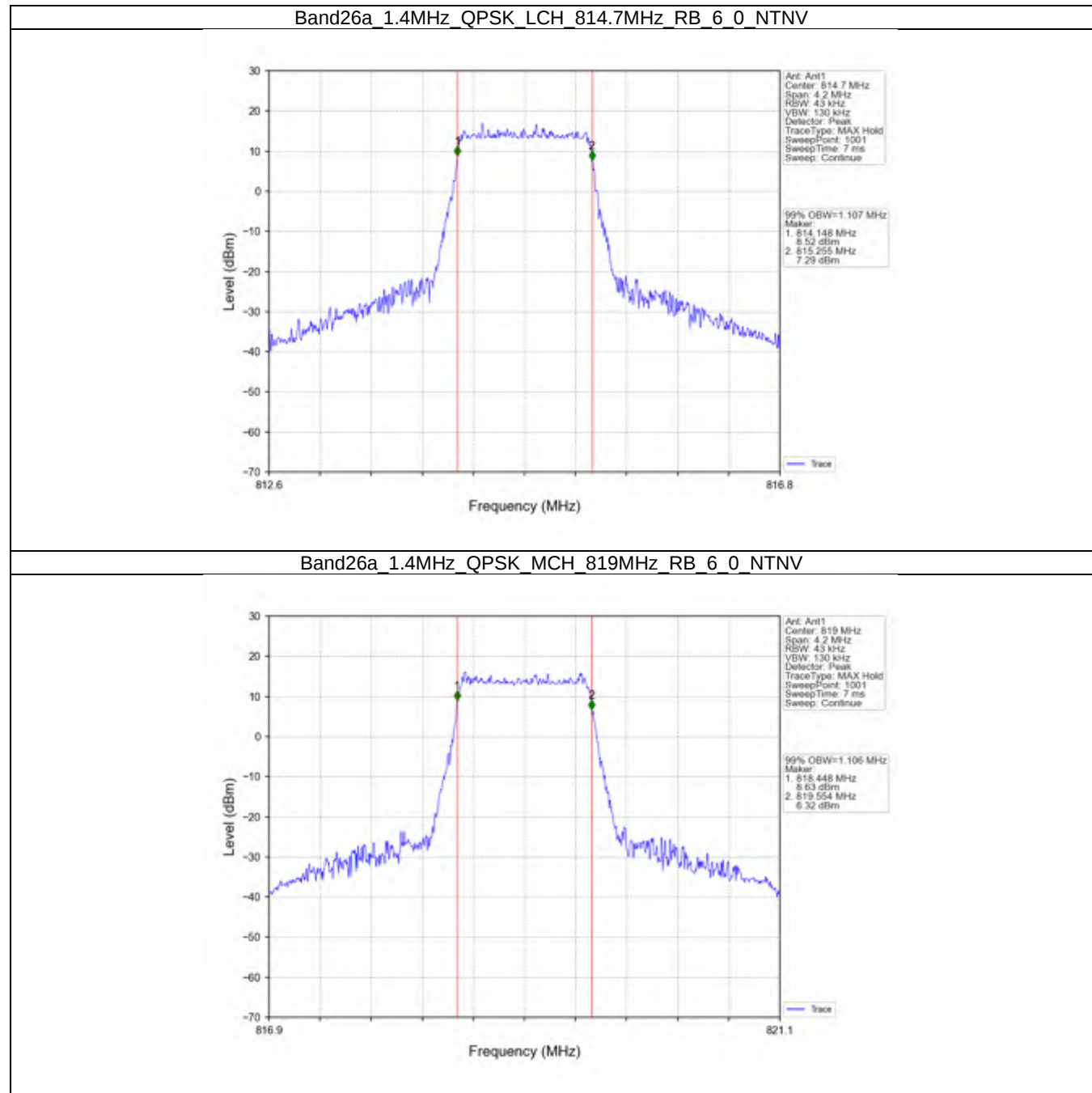
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6.1.2 Test Graph



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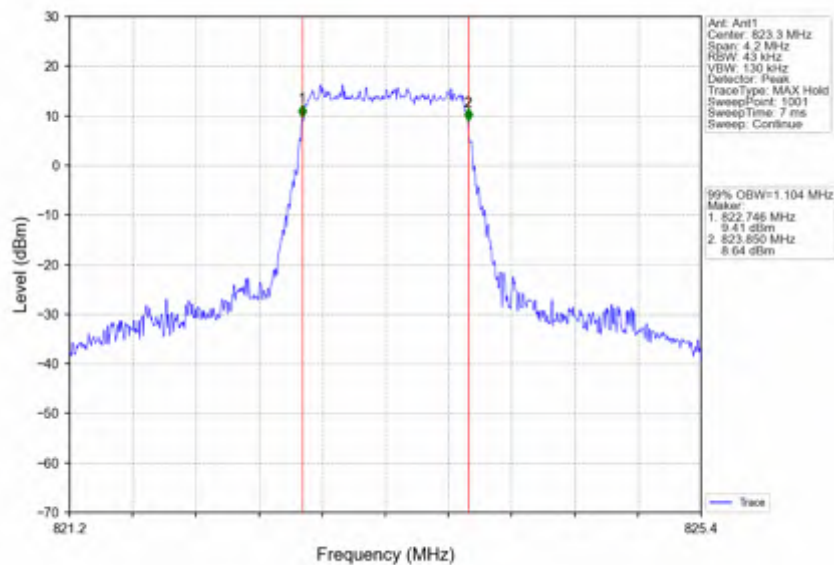
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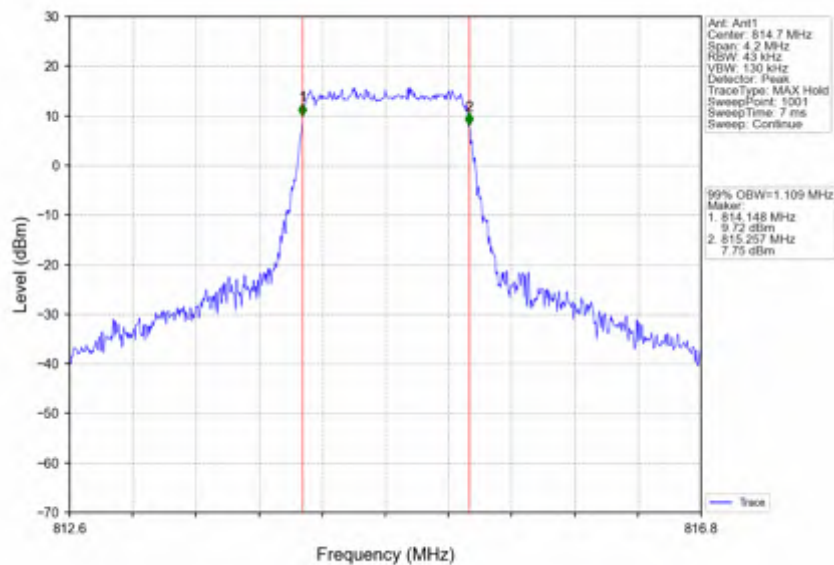
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Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



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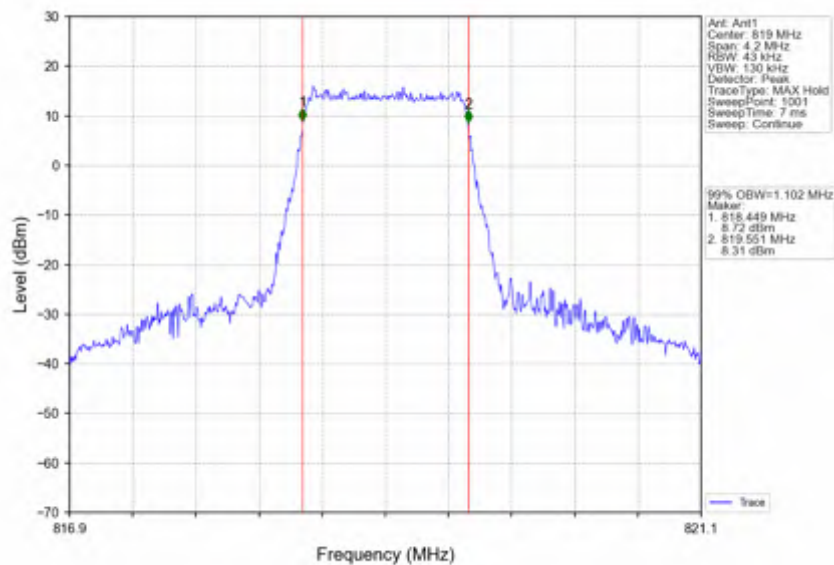
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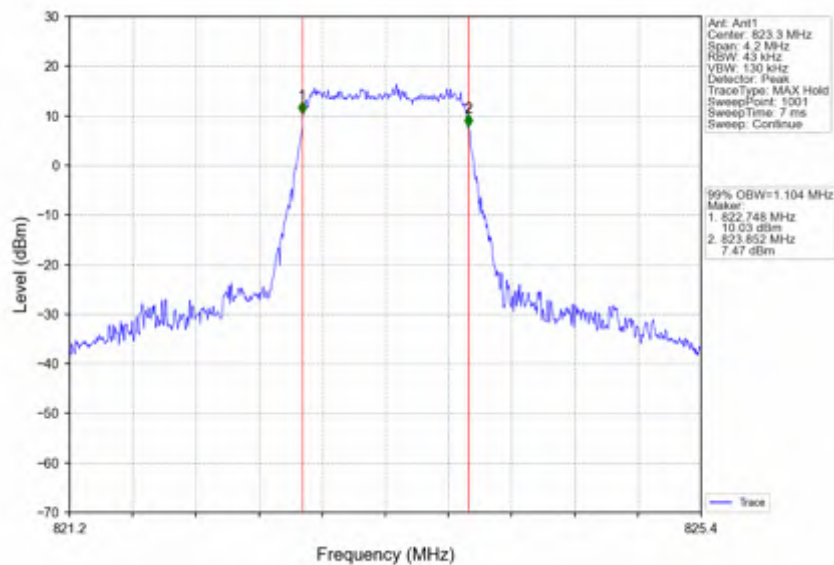
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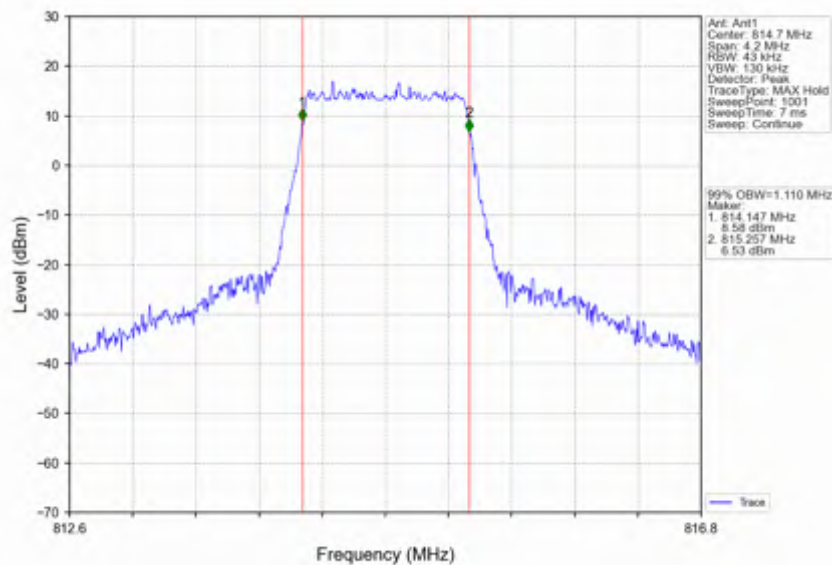
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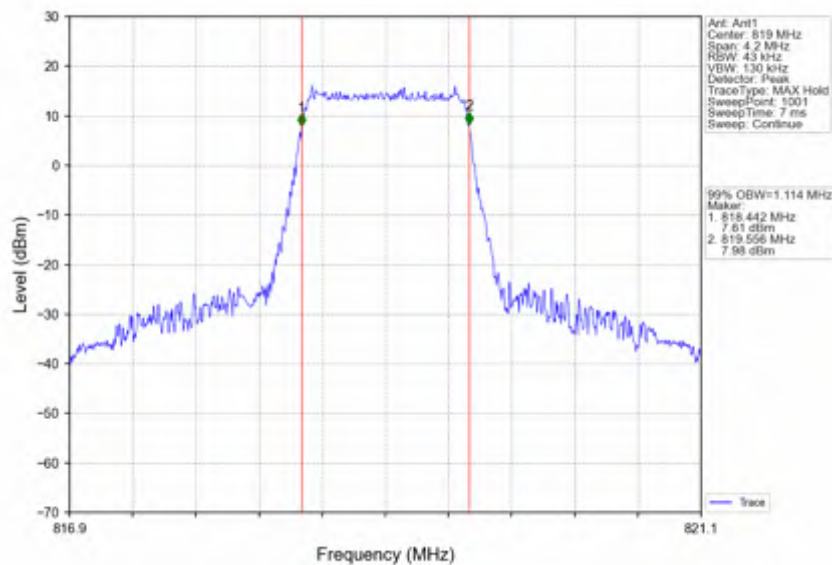
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Band26a_1.4MHz_64QAM_LCH_814.7MHz_RB_6_0_NTNV



Band26a_1.4MHz_64QAM_MCH_819MHz_RB_6_0_NTNV



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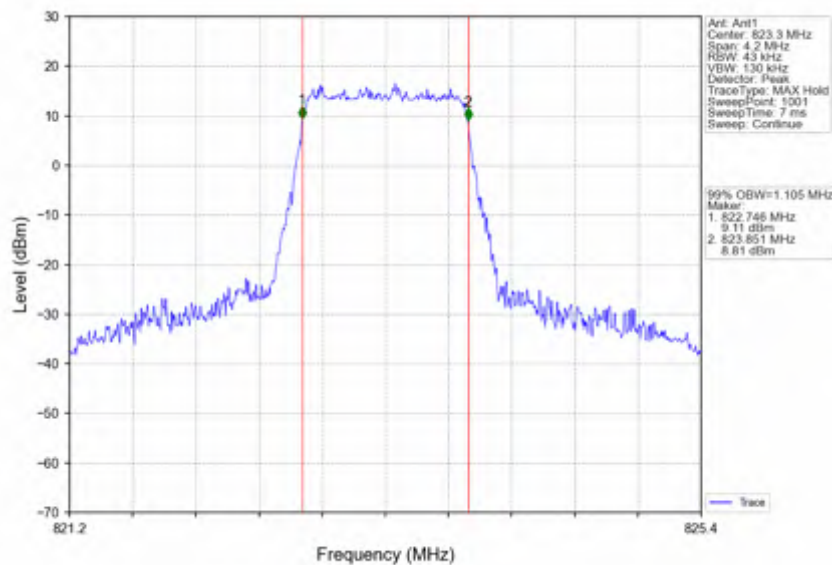
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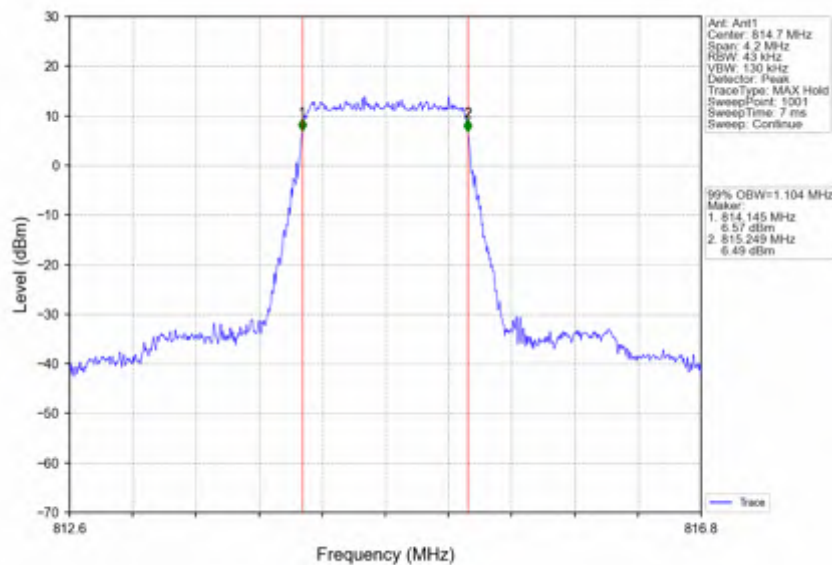
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Band26a_1.4MHz_256QAM_LCH_814.7MHz_RB_6_0_NTNV



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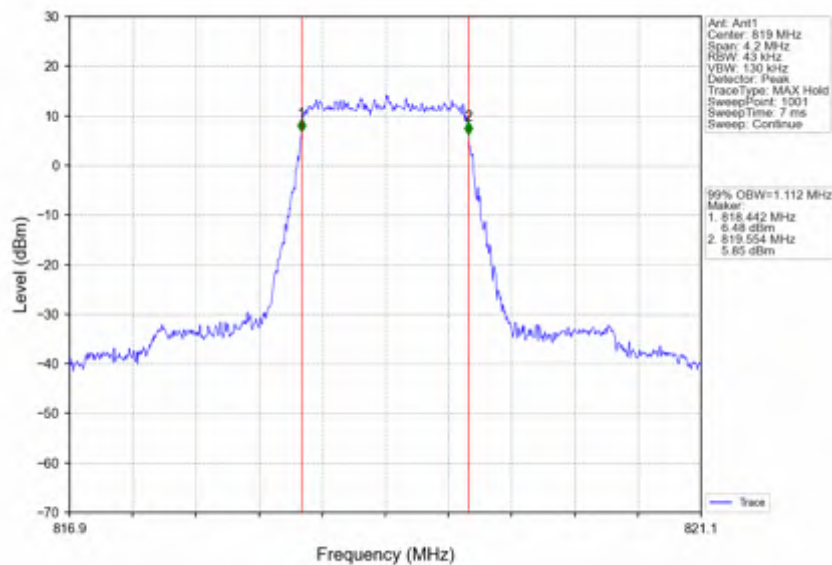
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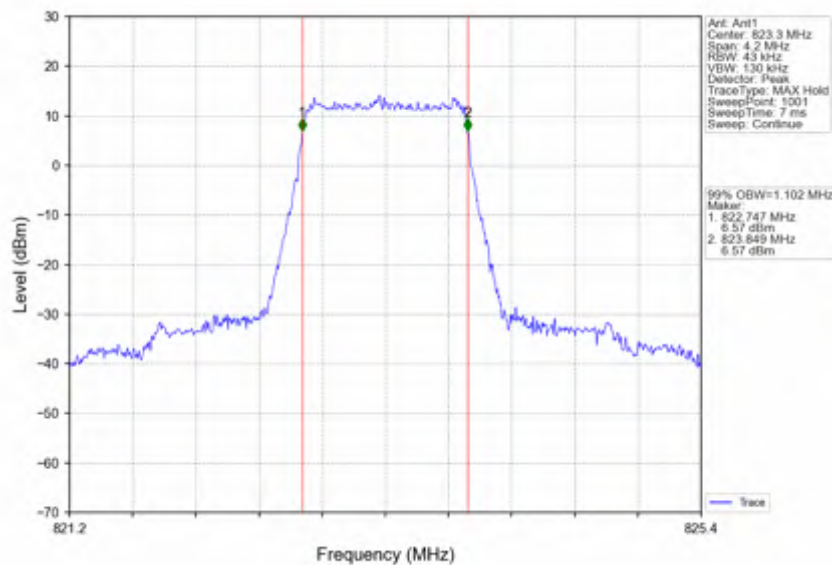
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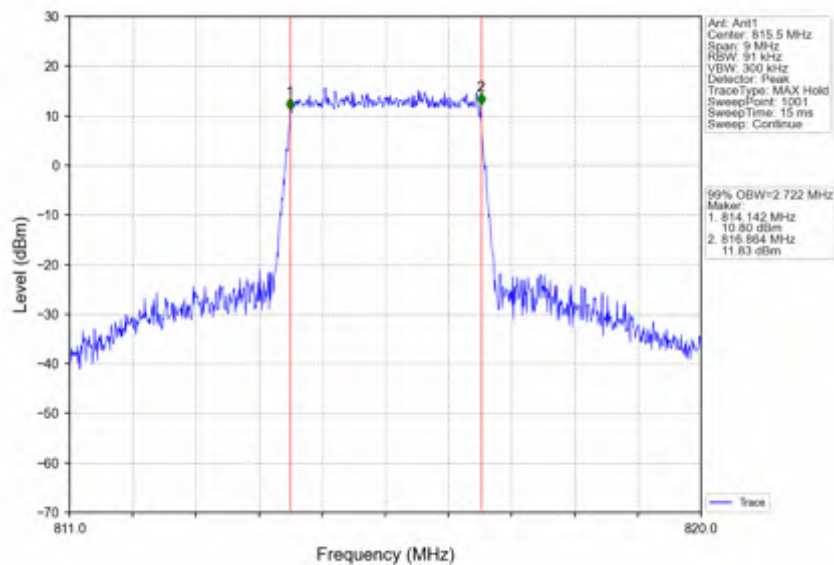
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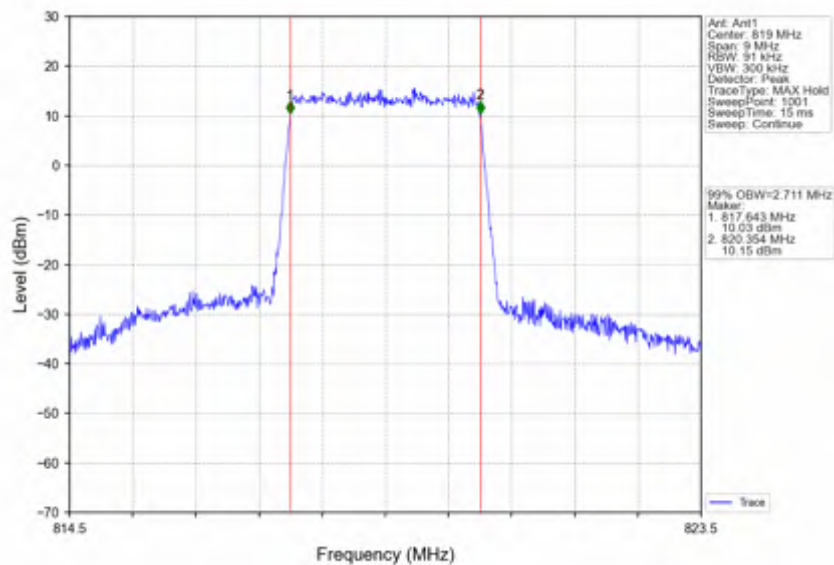
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Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



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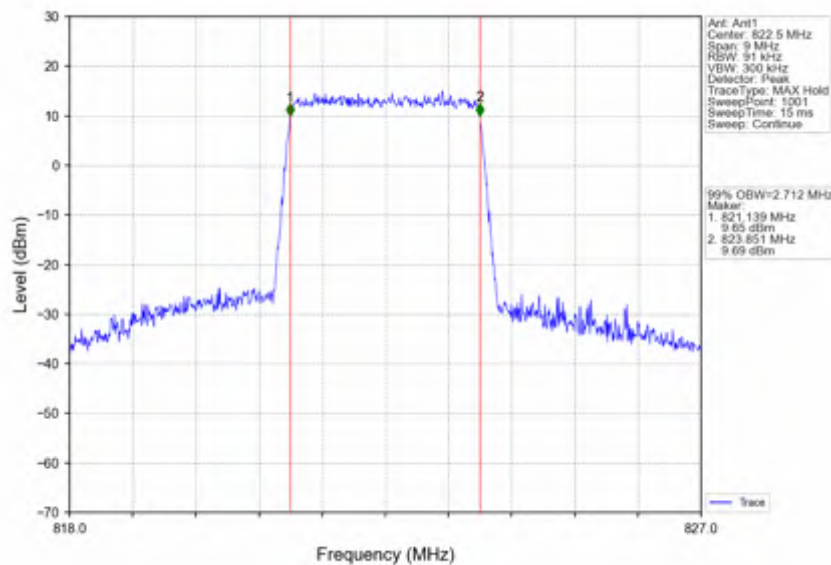
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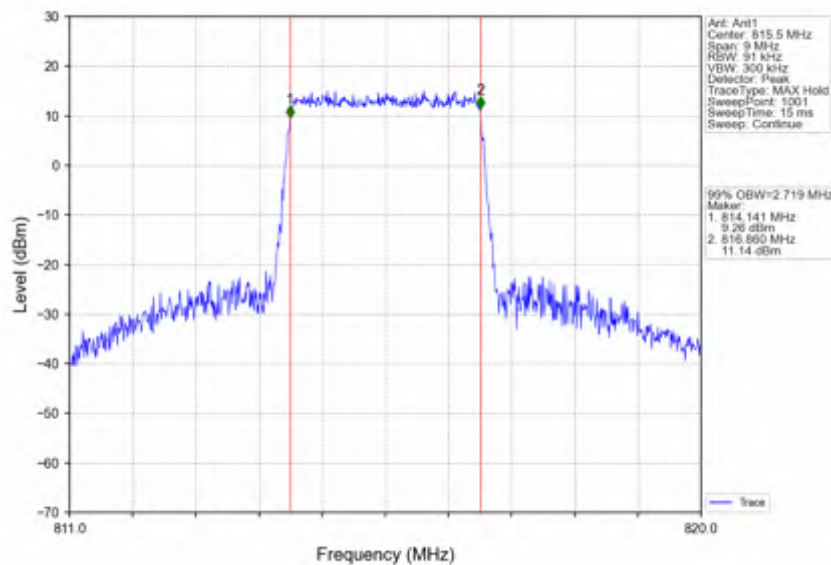
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Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



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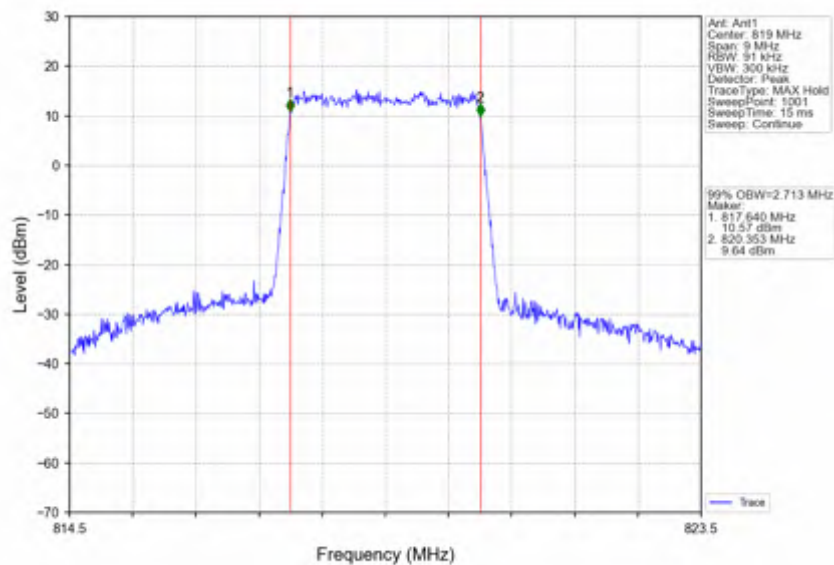
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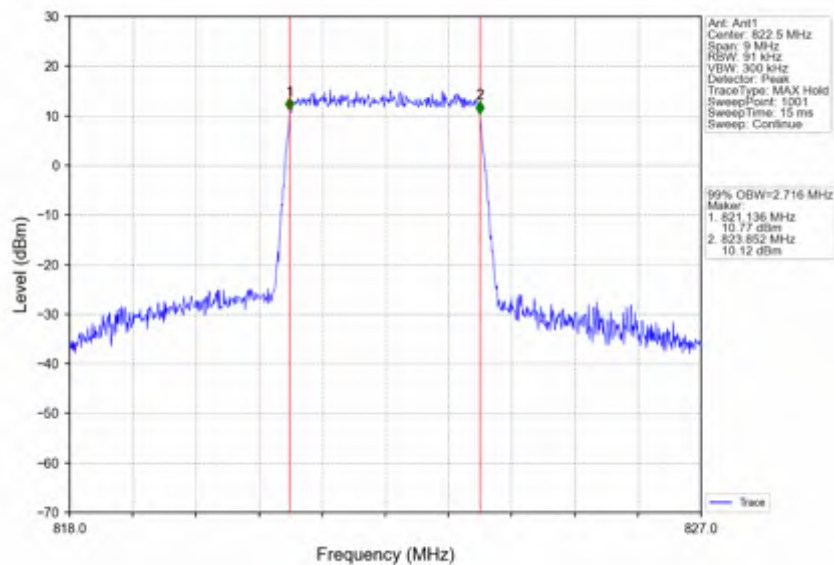
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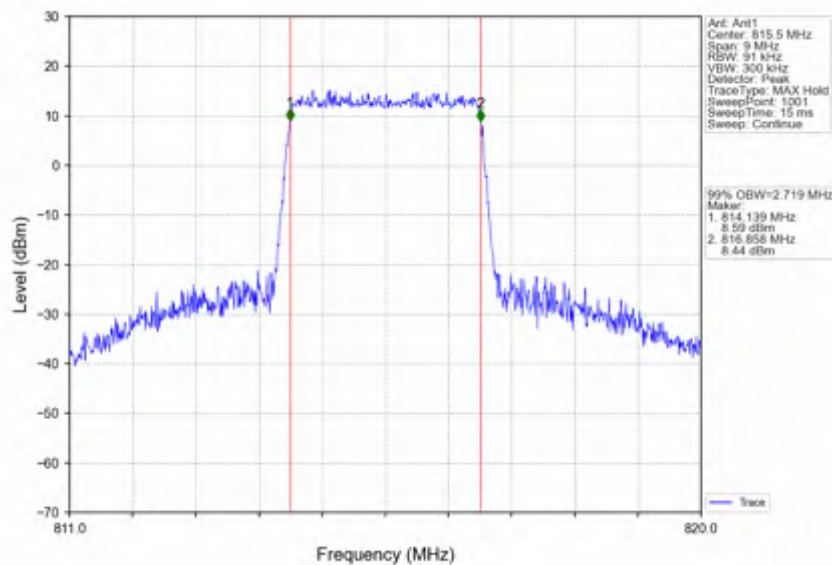
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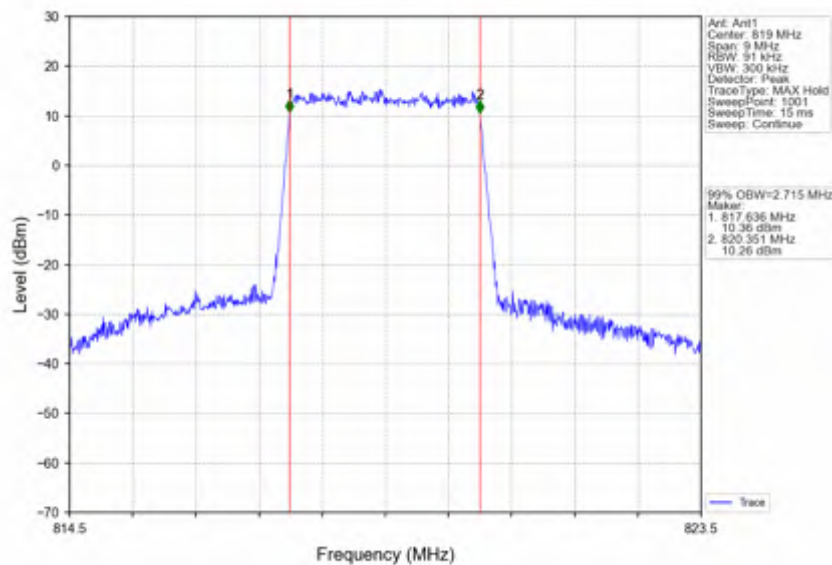
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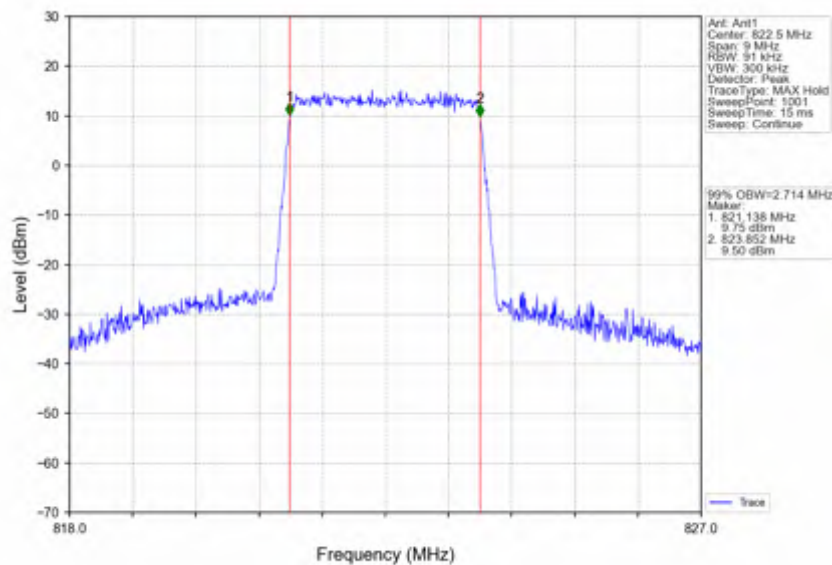
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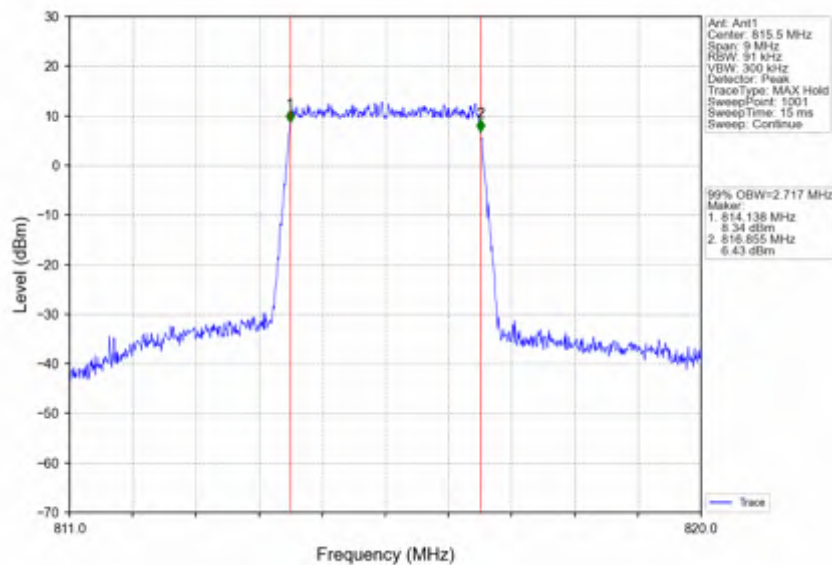
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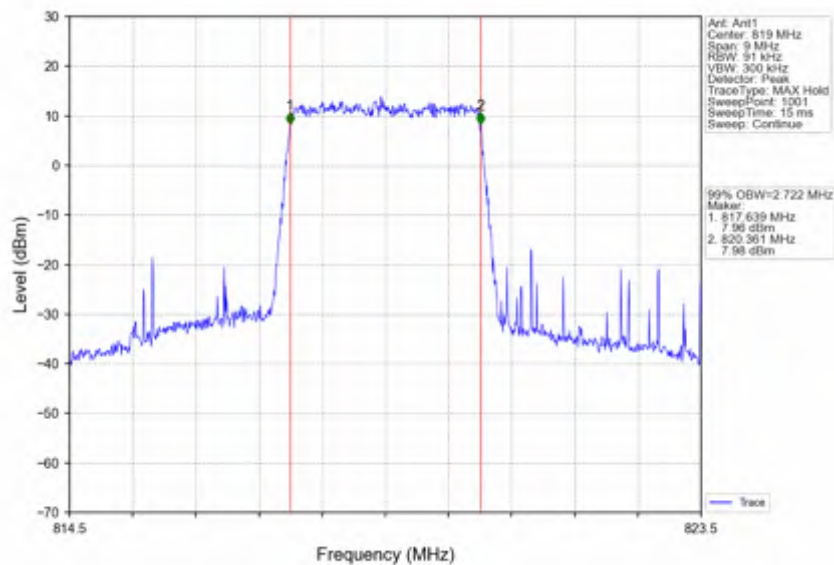
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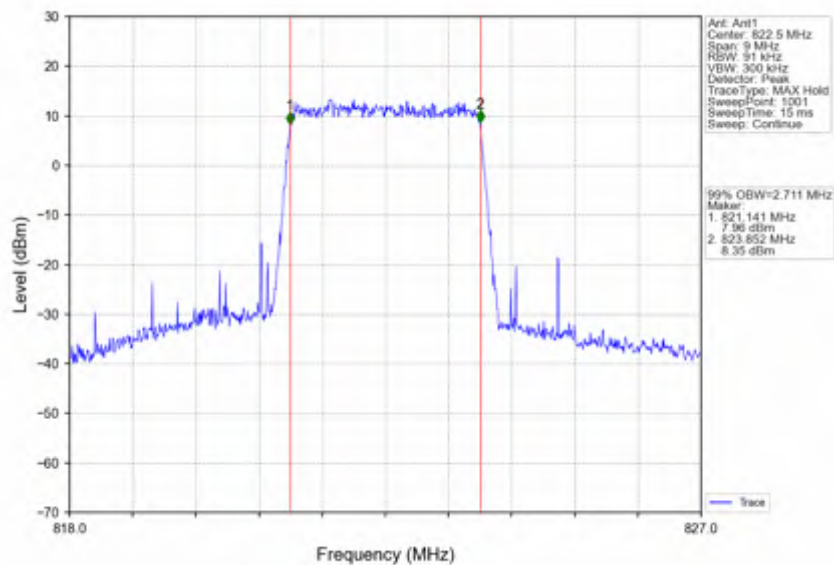
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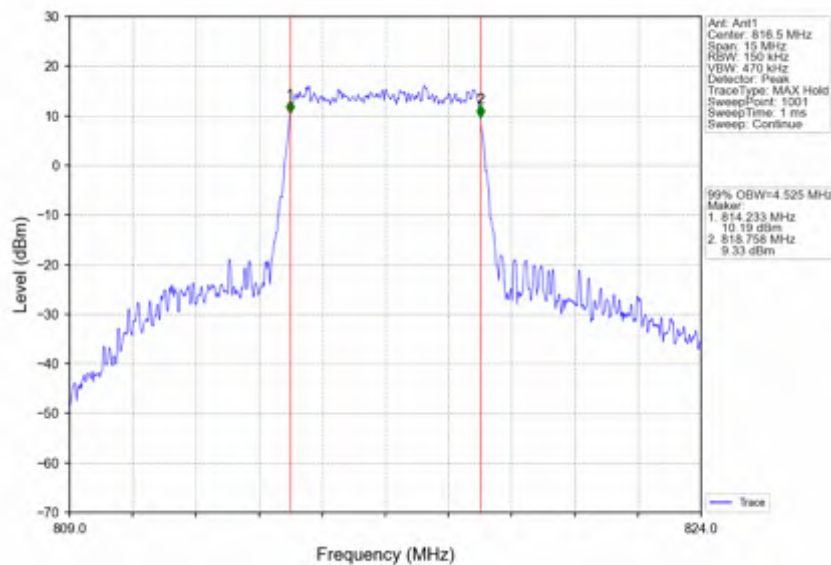
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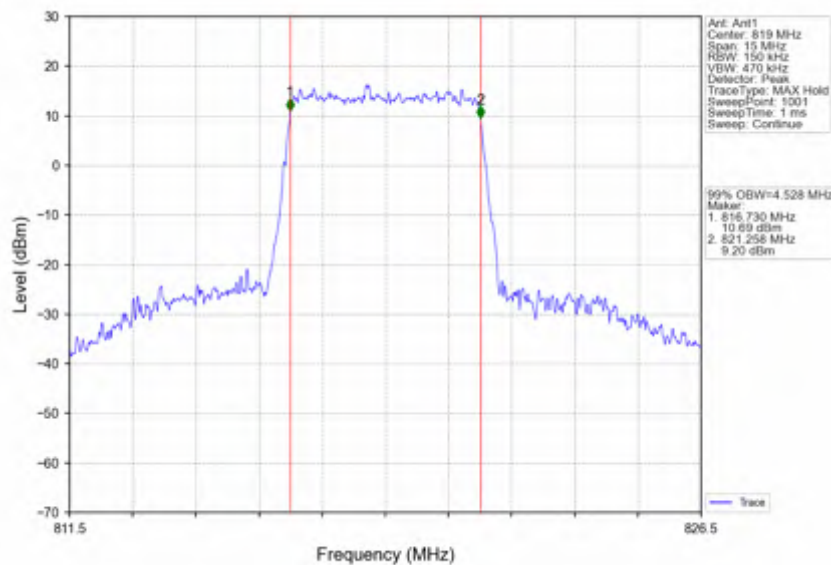
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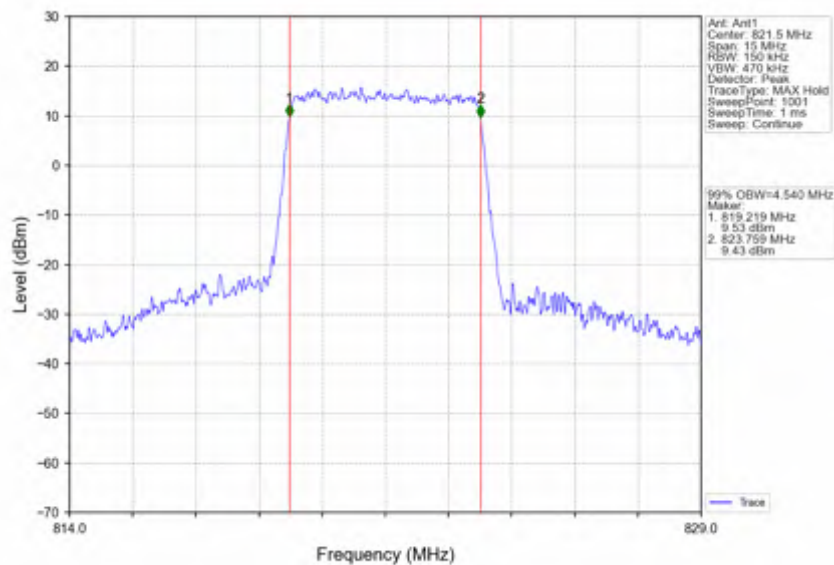
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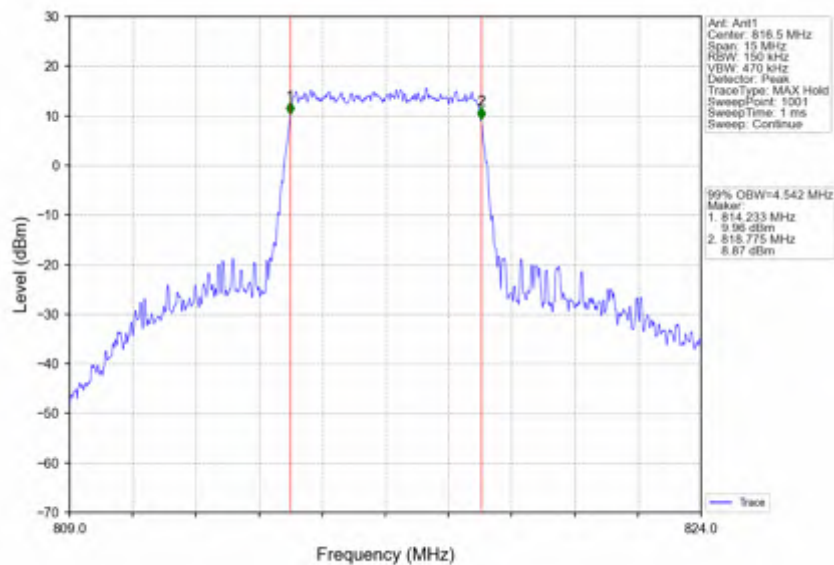
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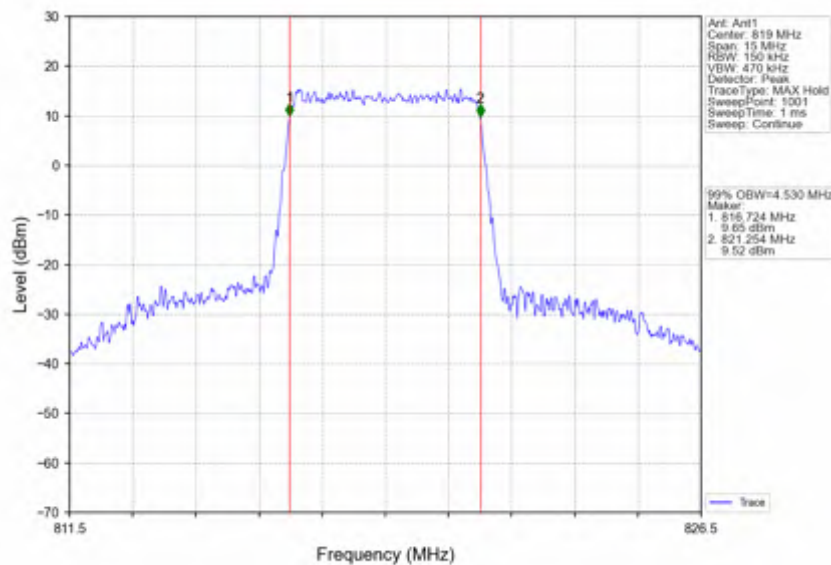
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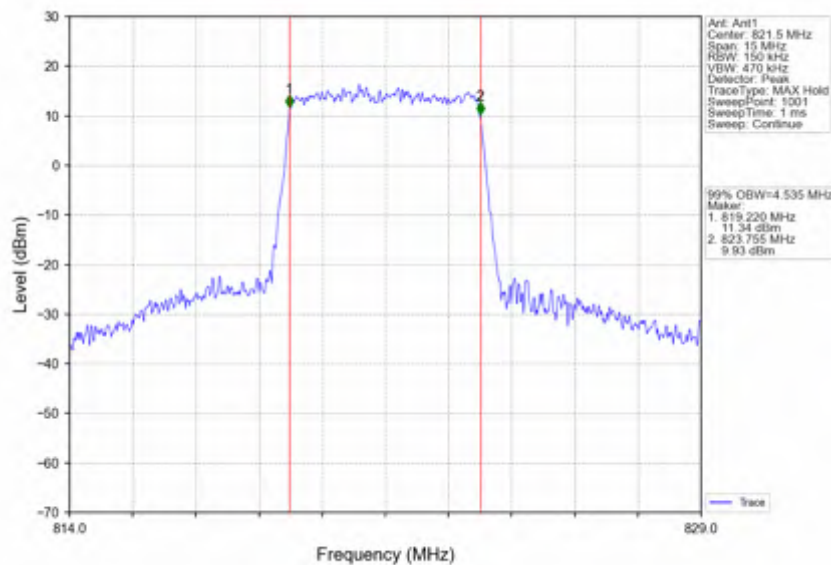
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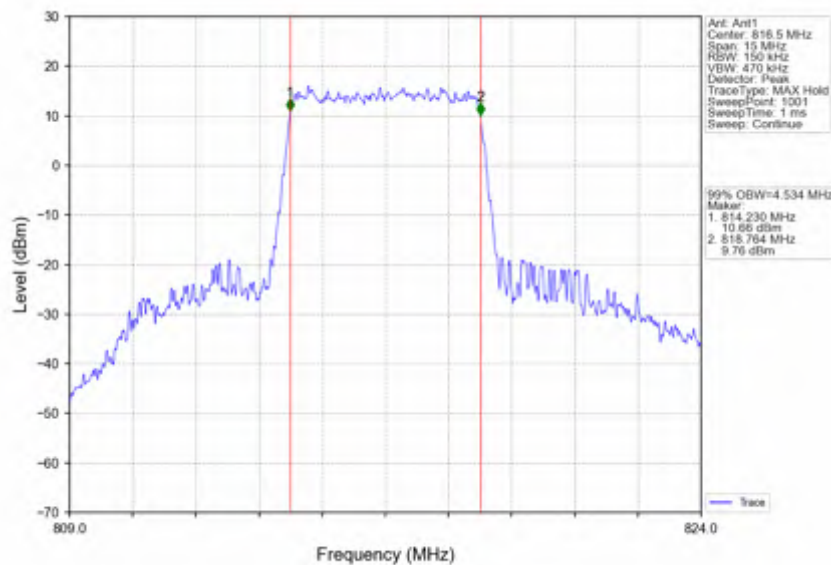
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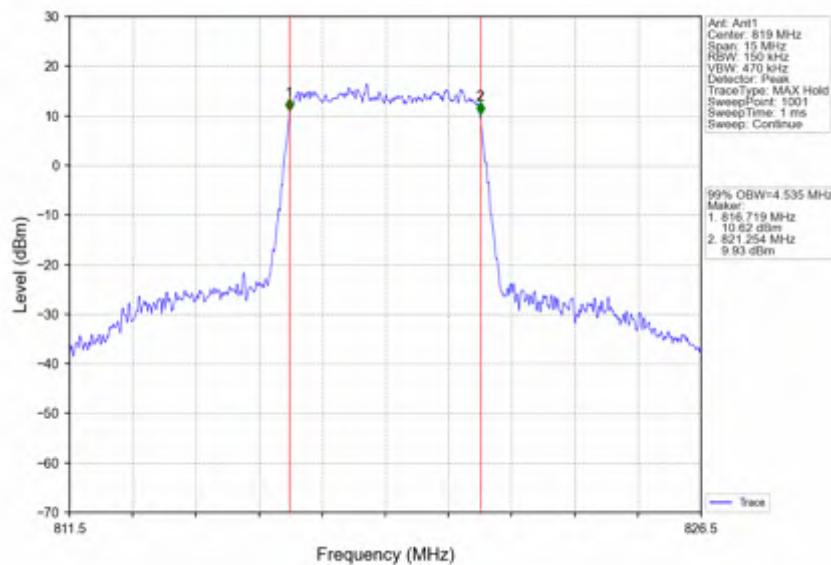
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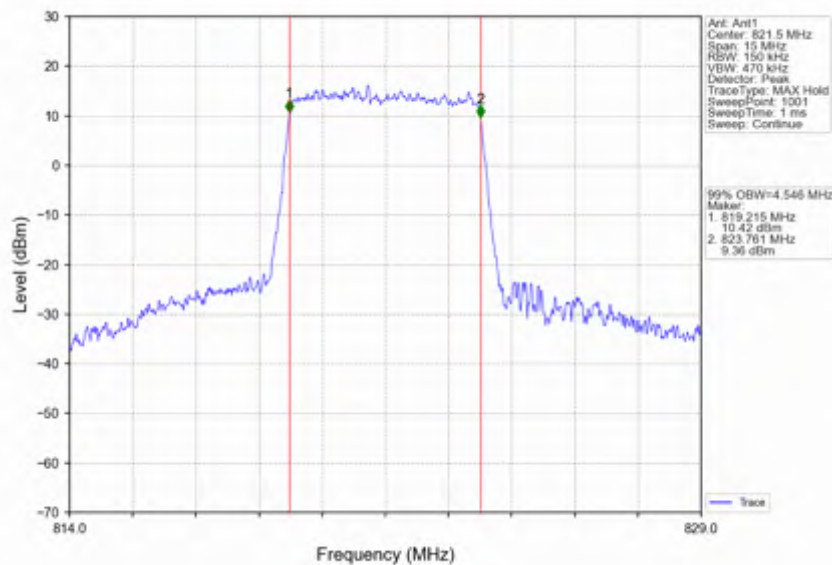
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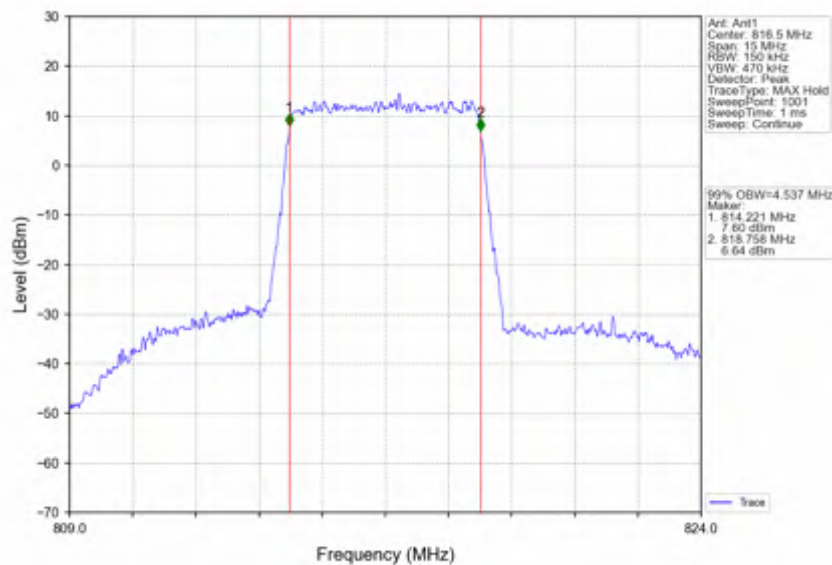
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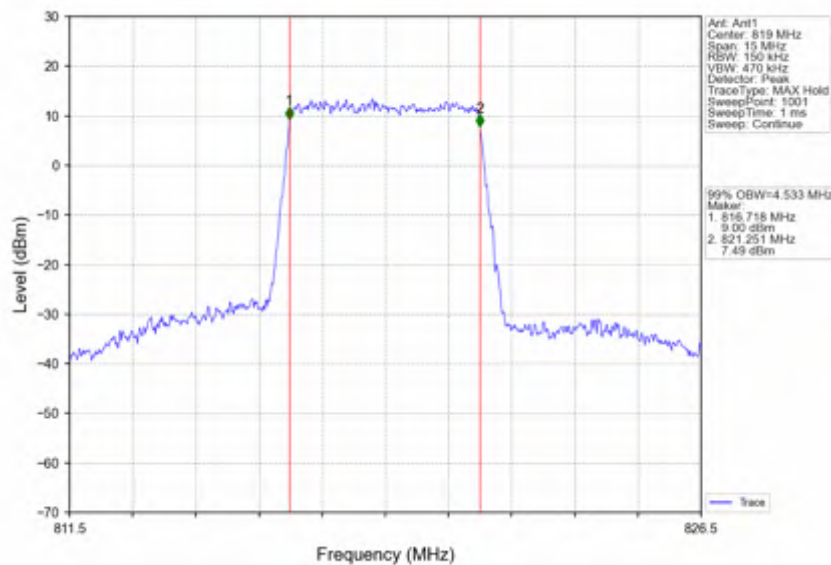
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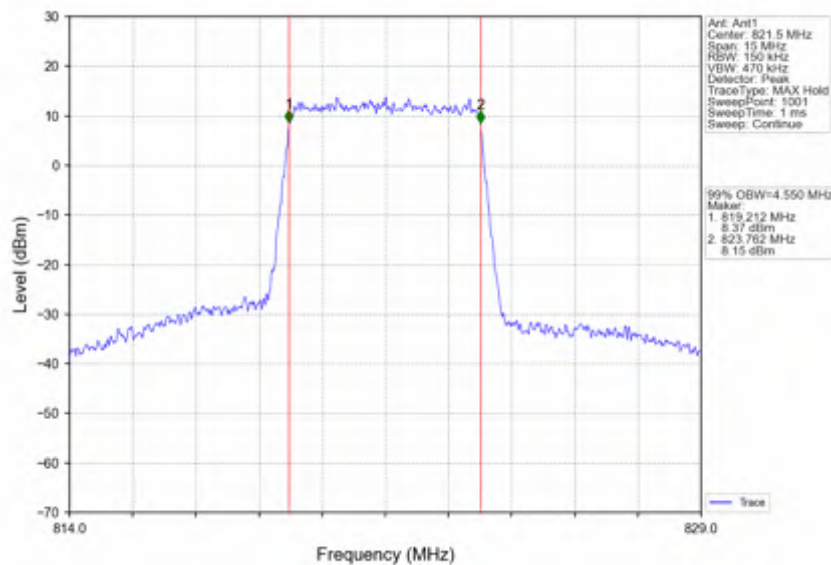
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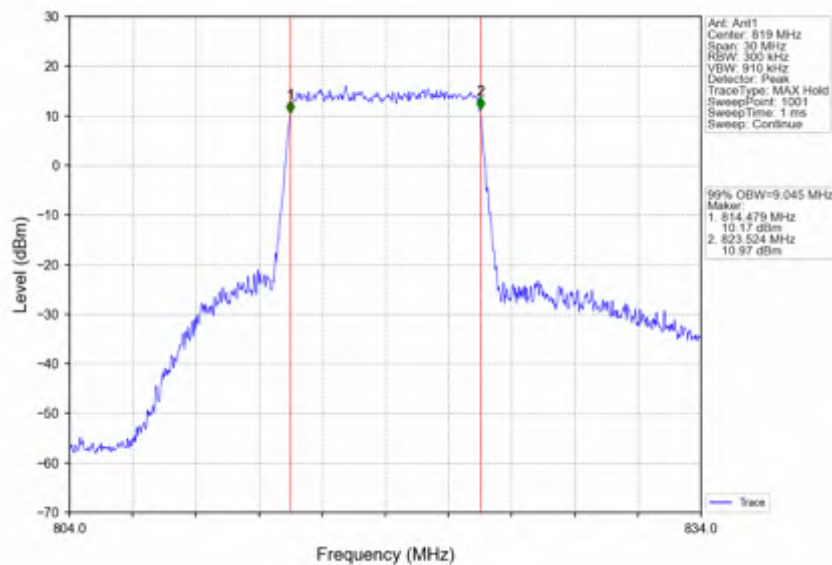


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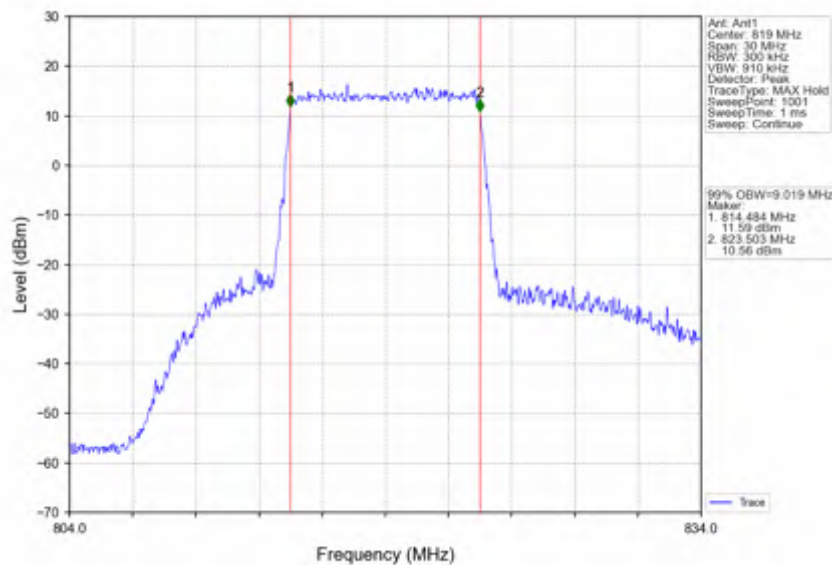
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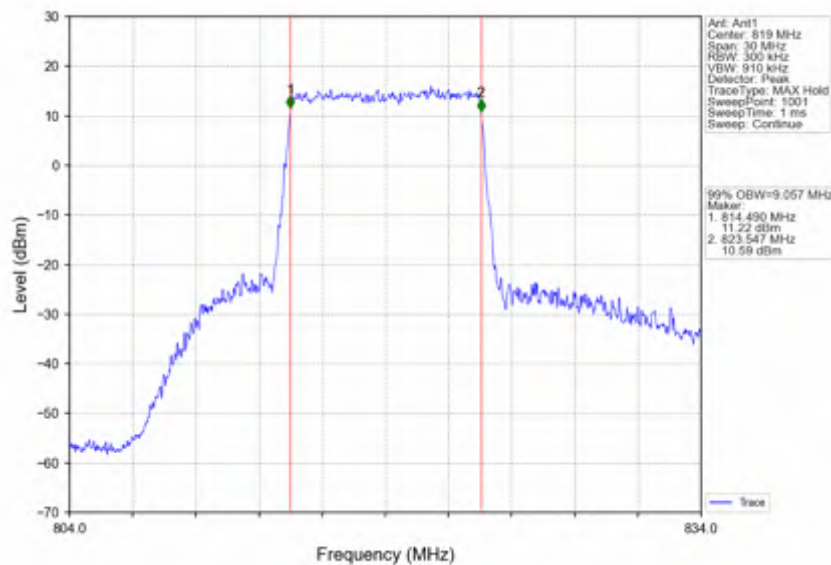
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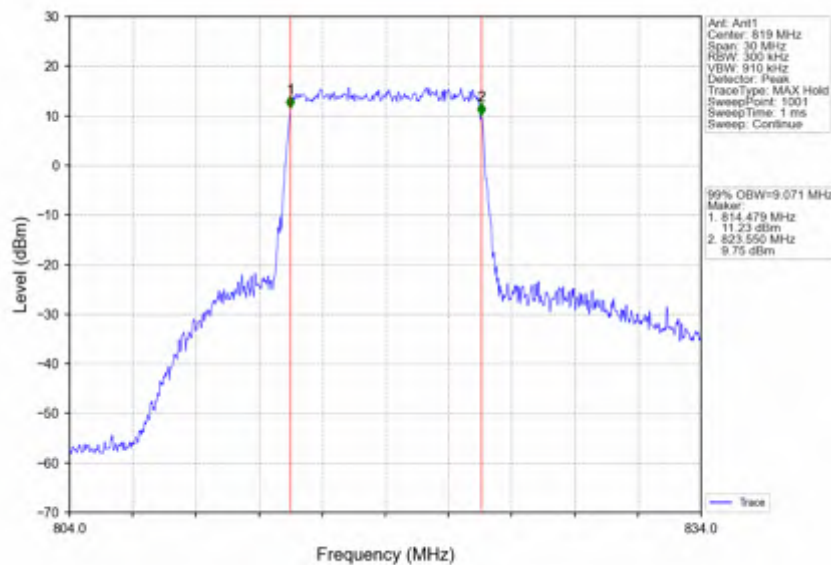
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Band26a_10MHz_QPSK_HCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_LCH_819MHz_RB_50_0_NTNV



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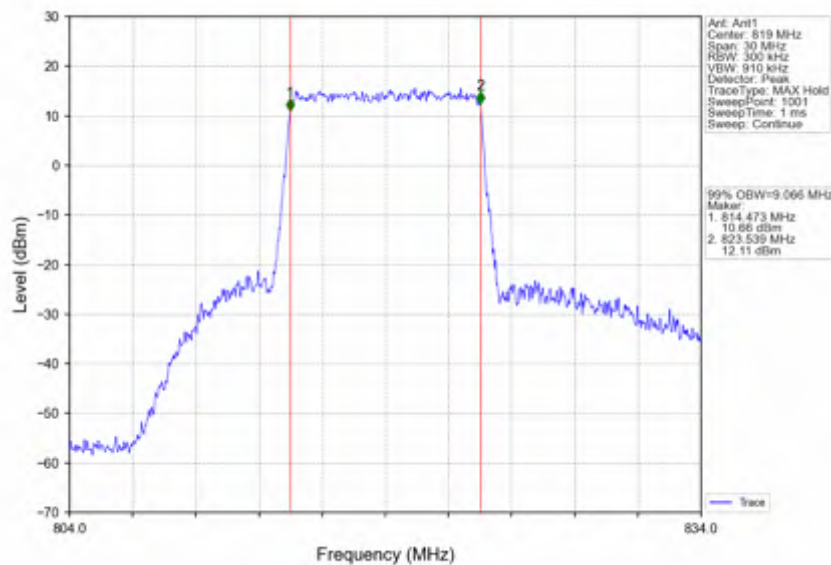
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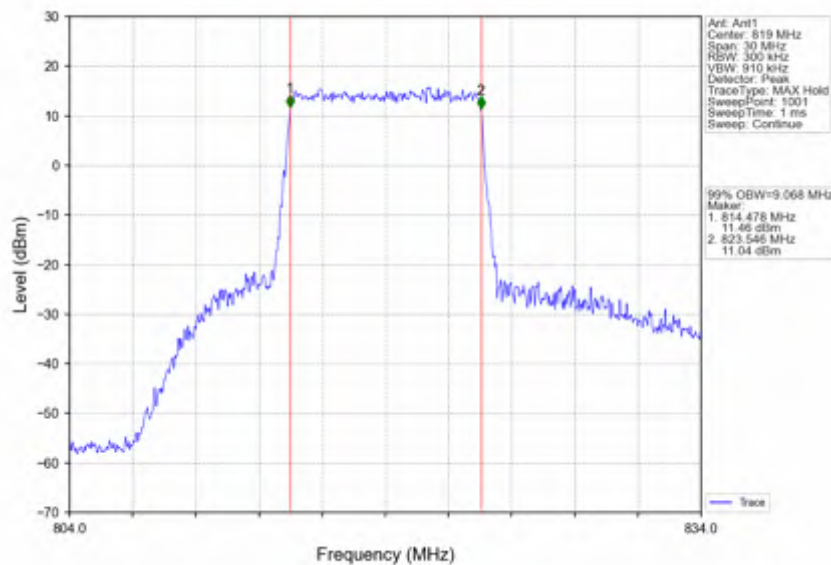
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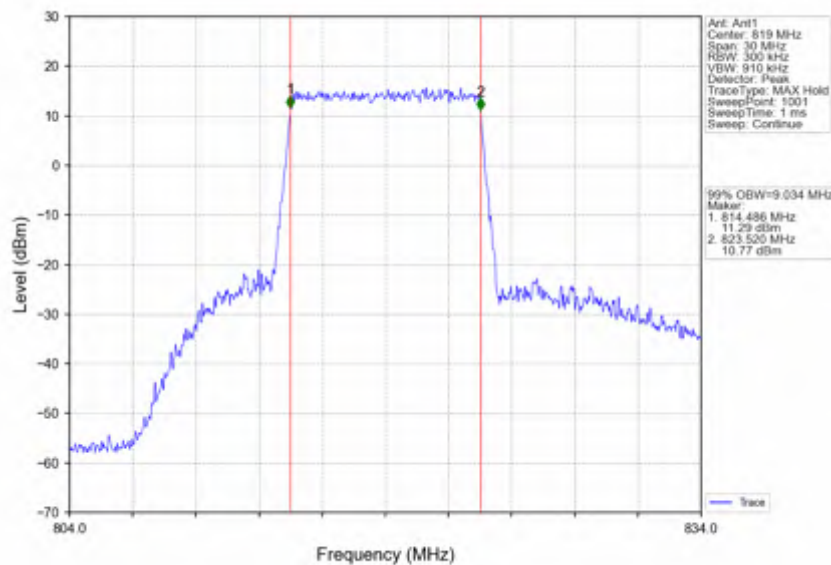


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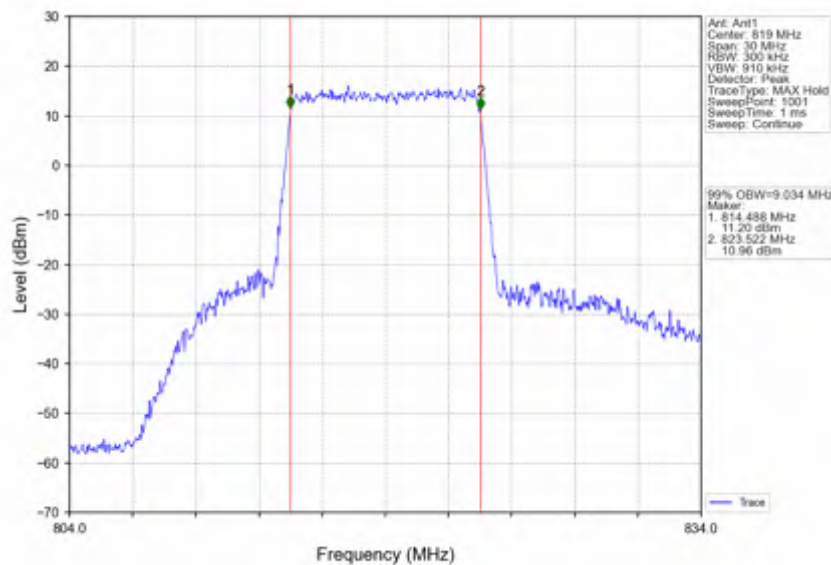
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Band26a_10MHz_64QAM_LCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_64QAM_MCH_819MHz_RB_50_0_NTNV



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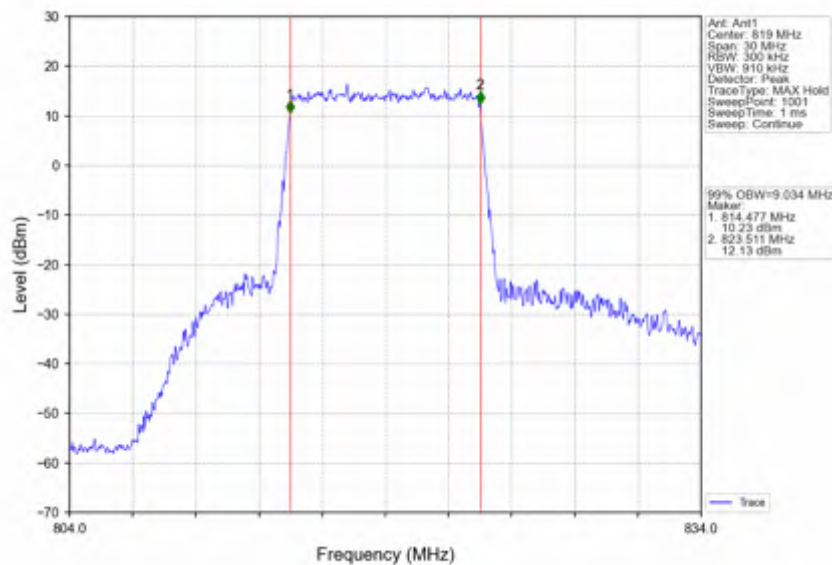
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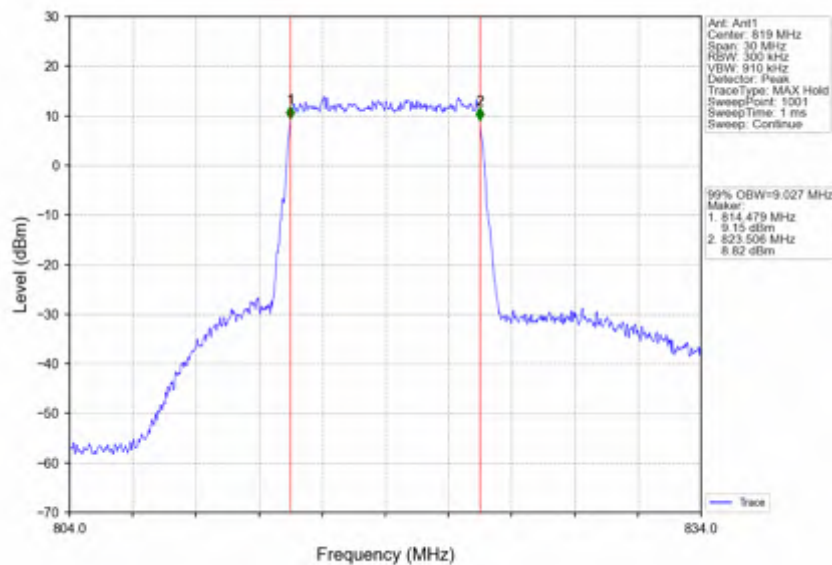
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Band26a_10MHz_256QAM_LCH_819MHz_RB_50_0_NTNV



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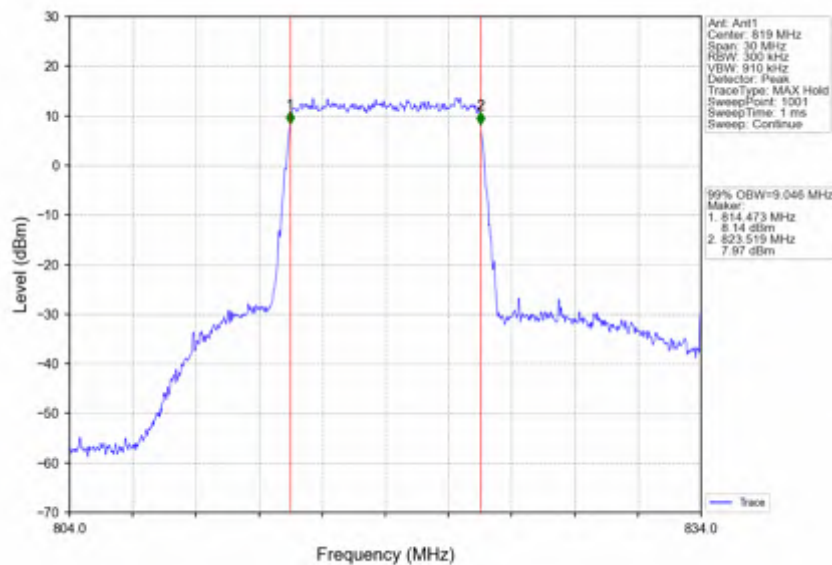
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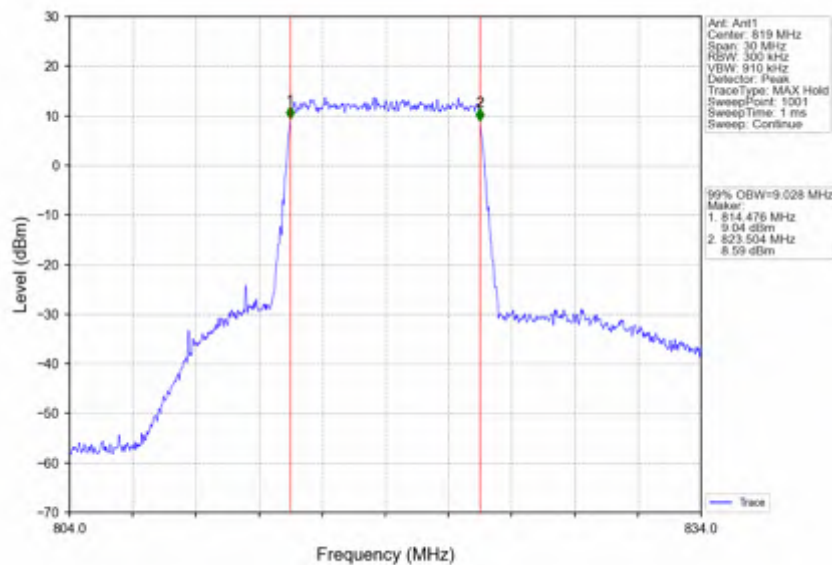
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6.2 Band26a_XDB

6.2.1 Test Result

Band: 26a / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	814.7	6	0	1.319	Pass
		819	6	0	1.318	Pass
		823.3	6	0	1.318	Pass
	16QAM	814.7	6	0	1.305	Pass
		819	6	0	1.318	Pass
		823.3	6	0	1.308	Pass
	64QAM	814.7	6	0	1.308	Pass
		819	6	0	1.315	Pass
		823.3	6	0	1.301	Pass
	256QAM	814.7	6	0	1.304	Pass
		819	6	0	1.323	Pass
		823.3	6	0	1.303	Pass
3	QPSK	815.5	15	0	2.988	Pass
		819	15	0	2.969	Pass
		822.5	15	0	2.983	Pass
	16QAM	815.5	15	0	2.964	Pass
		819	15	0	2.979	Pass
		822.5	15	0	2.975	Pass
	64QAM	815.5	15	0	2.983	Pass
		819	15	0	2.970	Pass
		822.5	15	0	2.989	Pass
	256QAM	815.5	15	0	3.000	Pass
		819	15	0	2.996	Pass
		822.5	15	0	2.967	Pass
5	QPSK	816.5	25	0	5.021	Pass
		819	25	0	5.017	Pass
		821.5	25	0	5.036	Pass
	16QAM	816.5	25	0	5.109	Pass
		819	25	0	5.081	Pass
		821.5	25	0	5.048	Pass
	64QAM	816.5	25	0	5.077	Pass
		819	25	0	5.040	Pass
		821.5	25	0	5.032	Pass
	256QAM	816.5	25	0	5.026	Pass
		819	25	0	5.087	Pass
		821.5	25	0	5.036	Pass
10	QPSK	819	50	0	9.980	Pass
		819	50	0	9.976	Pass
		819	50	0	9.968	Pass
	16QAM	819	50	0	9.886	Pass
		819	50	0	9.979	Pass
		819	50	0	9.995	Pass
	64QAM	819	50	0	10.018	Pass
		819	50	0	9.961	Pass
		819	50	0	9.967	Pass
	256QAM	819	50	0	9.951	Pass



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		819	50	0	9.925	Pass
		819	50	0	9.869	Pass



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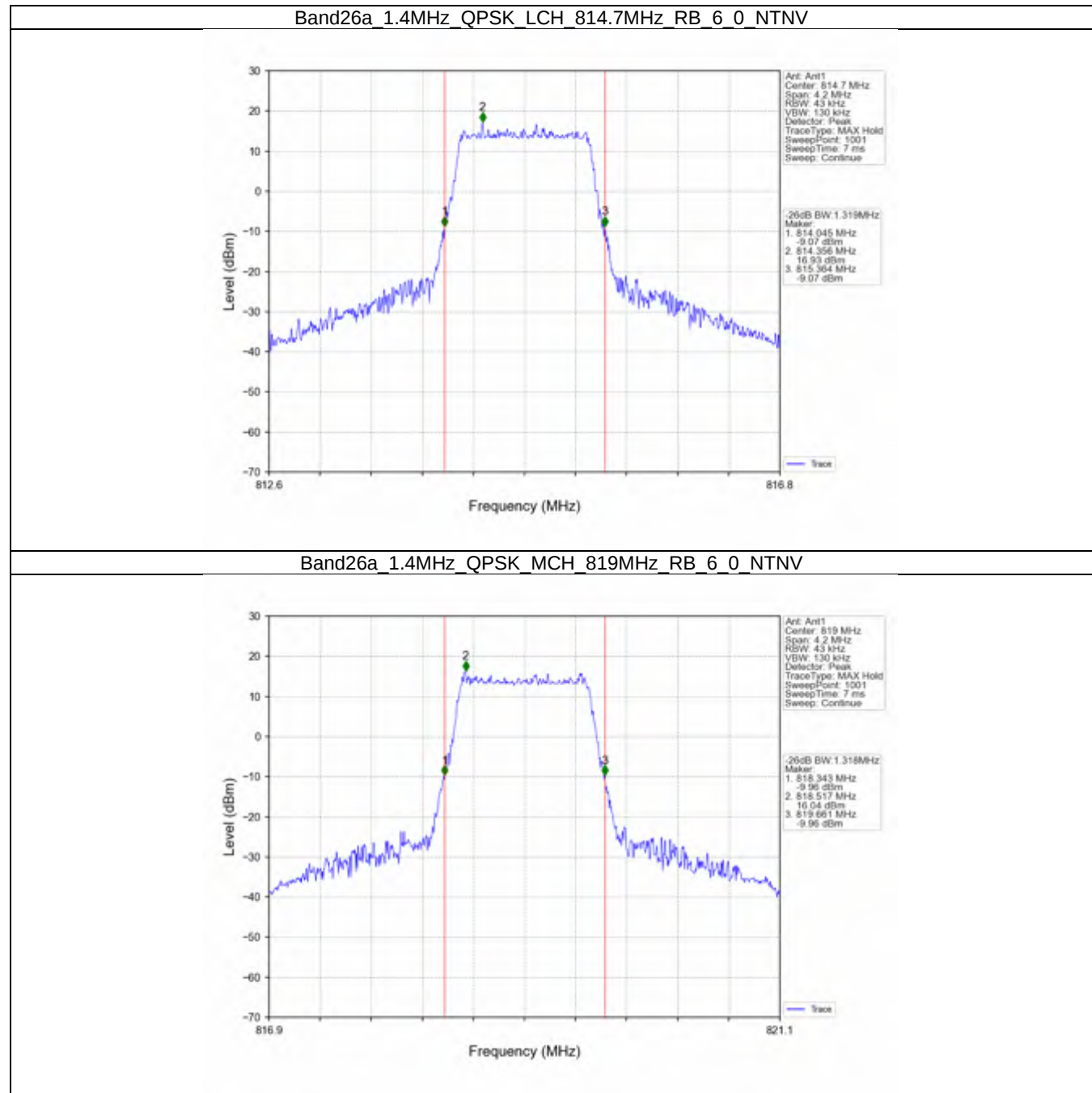
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6.2.2 Test Graph



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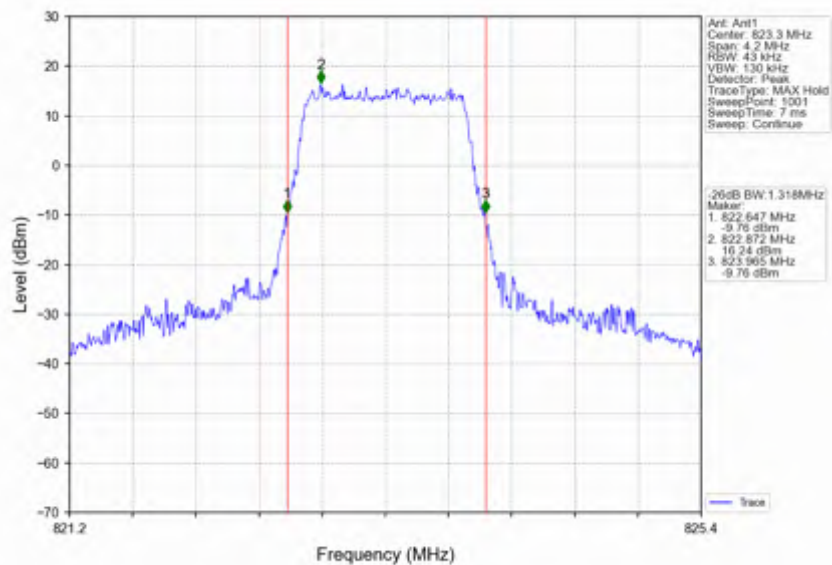
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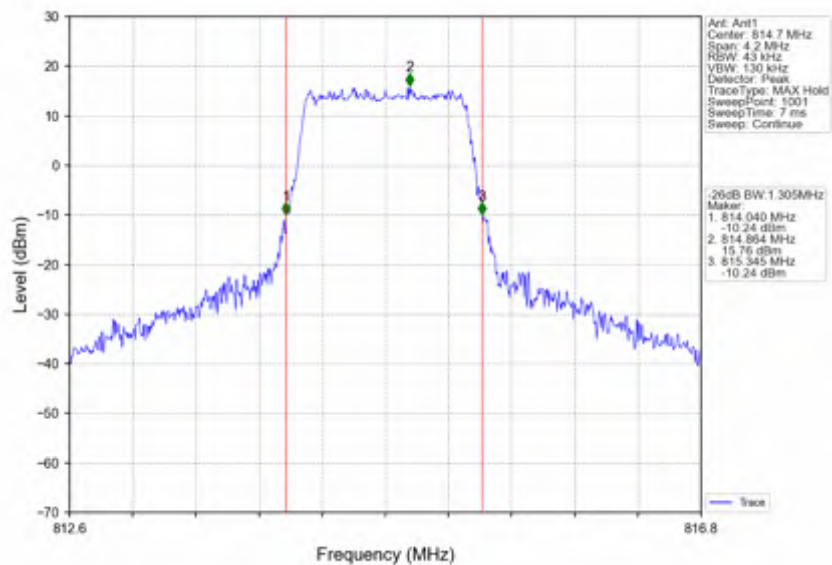
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Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTNV



Band26a	1.4MHz	16QAM	LCH	814.7MHz	RB	6	0	NTNV
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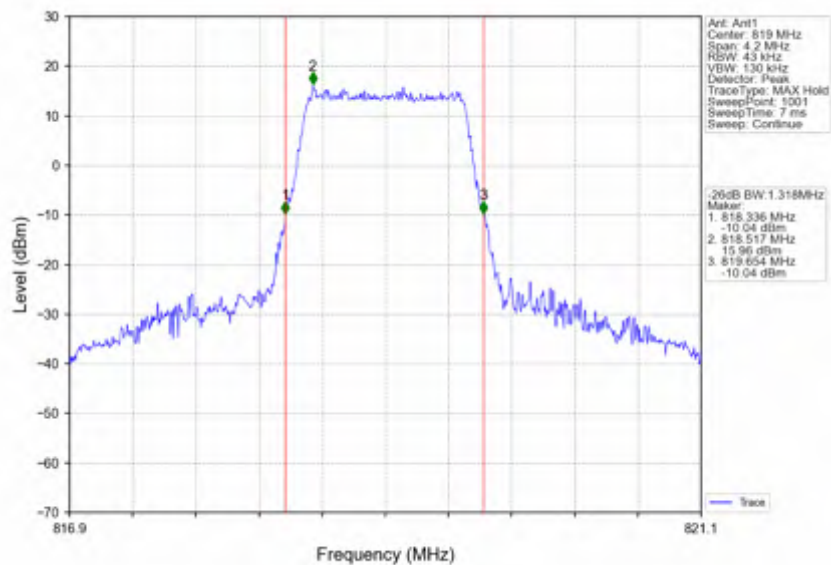
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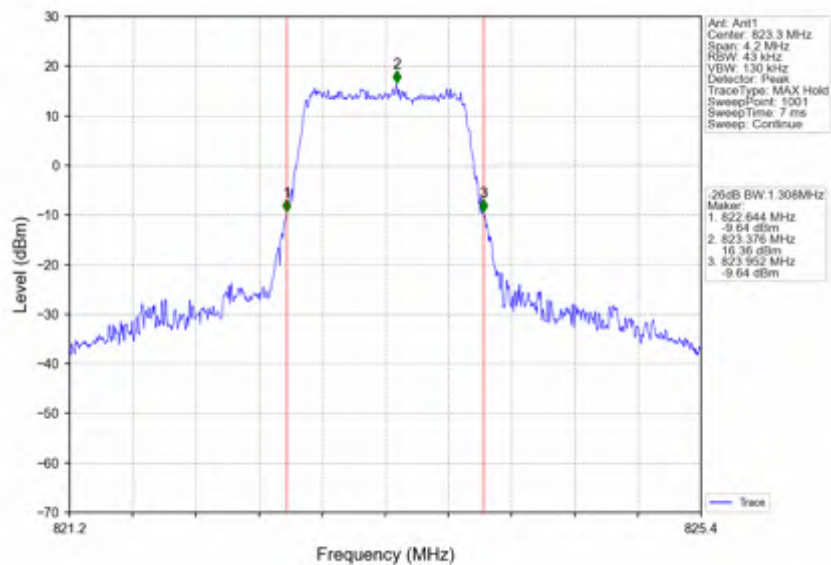
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Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



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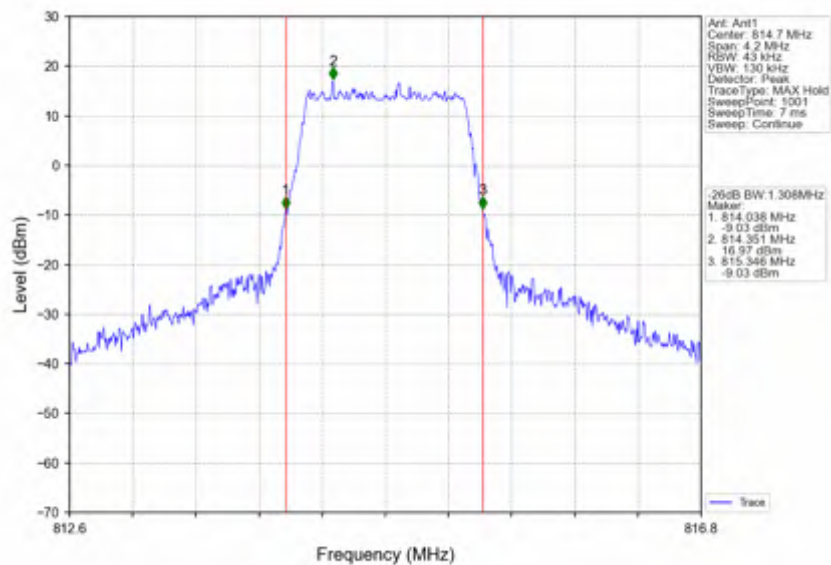
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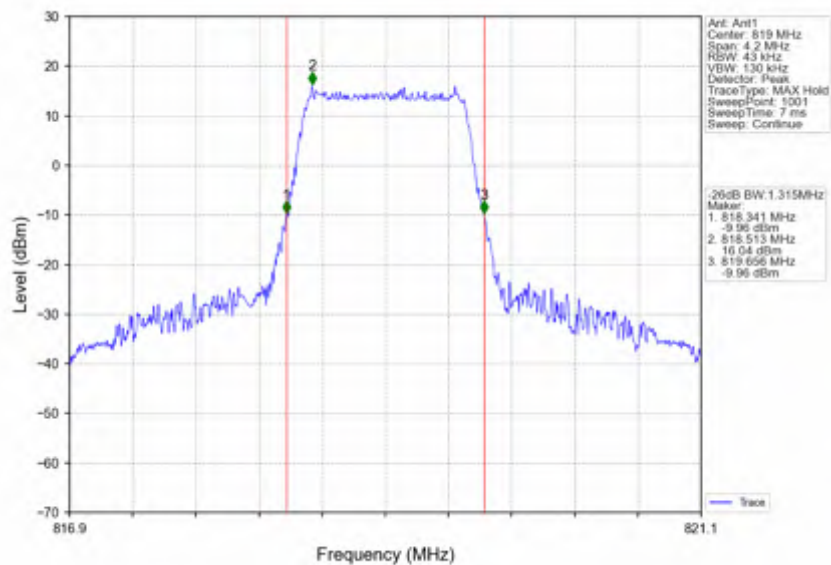
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Band26a_1.4MHz_64QAM_MCH_819MHz_RB_6_0_NTNV



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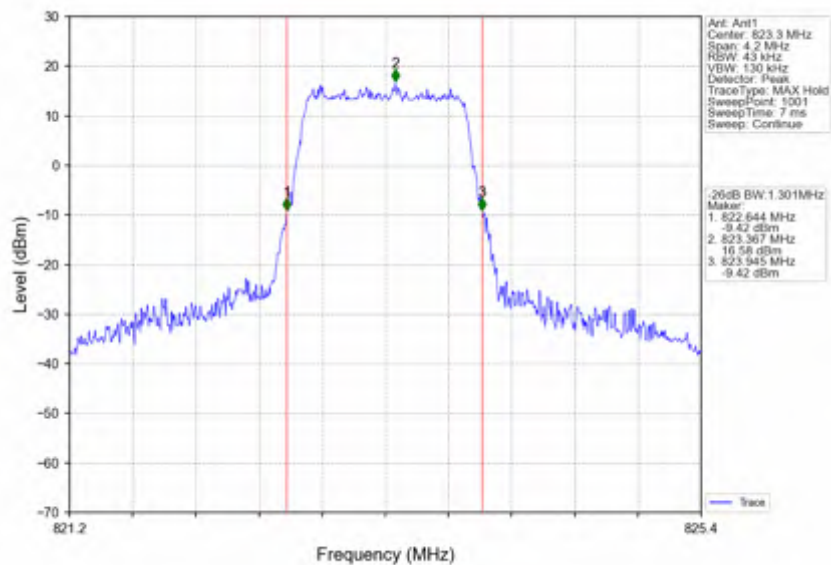
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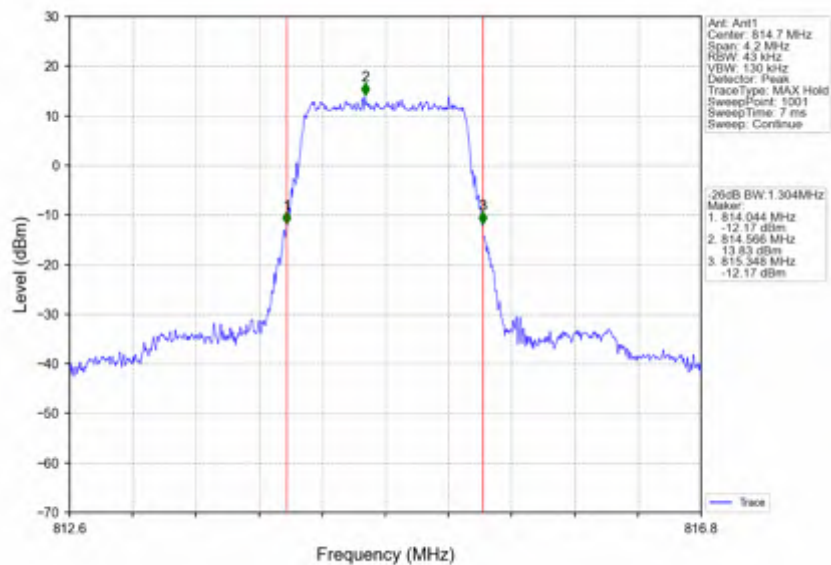
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Band26a_1.4MHz_64QAM_HCH_823.3MHz_RB_6_0_NTNV



Band26a_1.4MHz_256QAM_LCH_814.7MHz_RB_6_0_NTNV



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