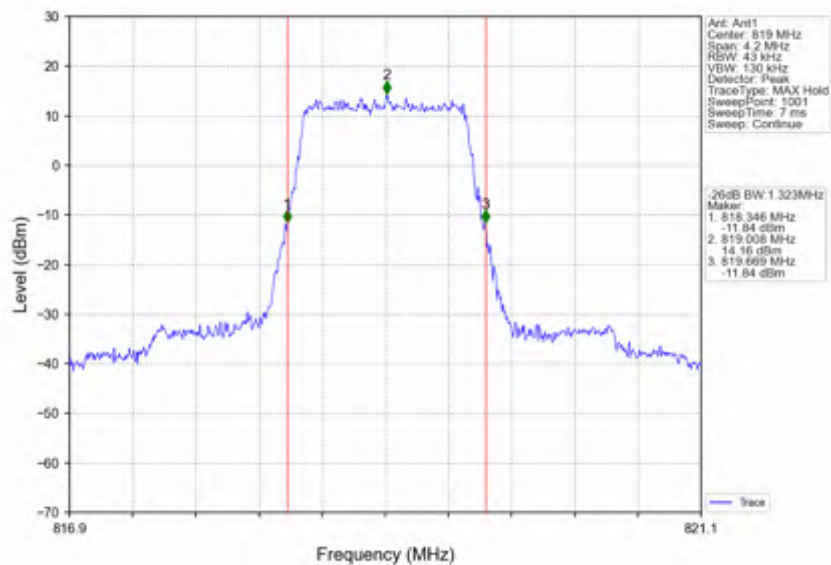
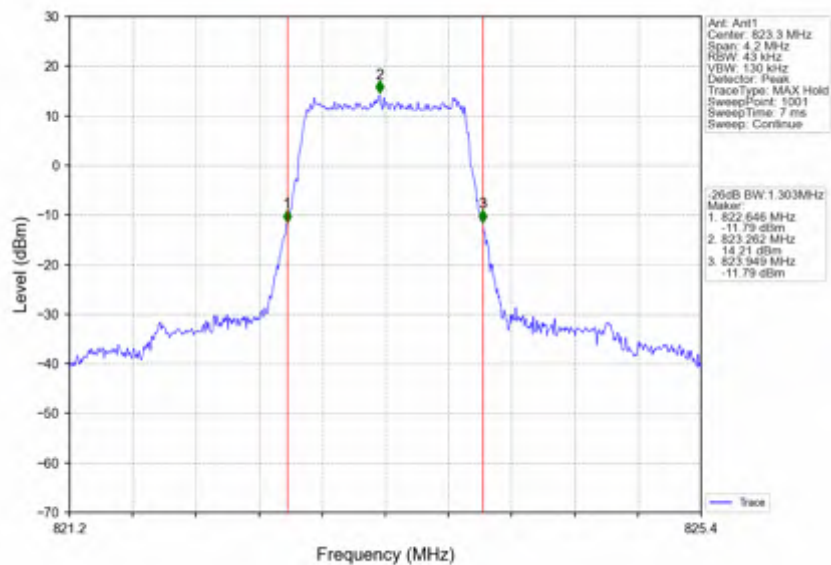


Band26a_1.4MHz_256QAM_MCH_819MHz_RB_6_0_NTNV



Band26a_1.4MHz_256QAM_HCH_823.3MHz_RB_6_0_NTNV



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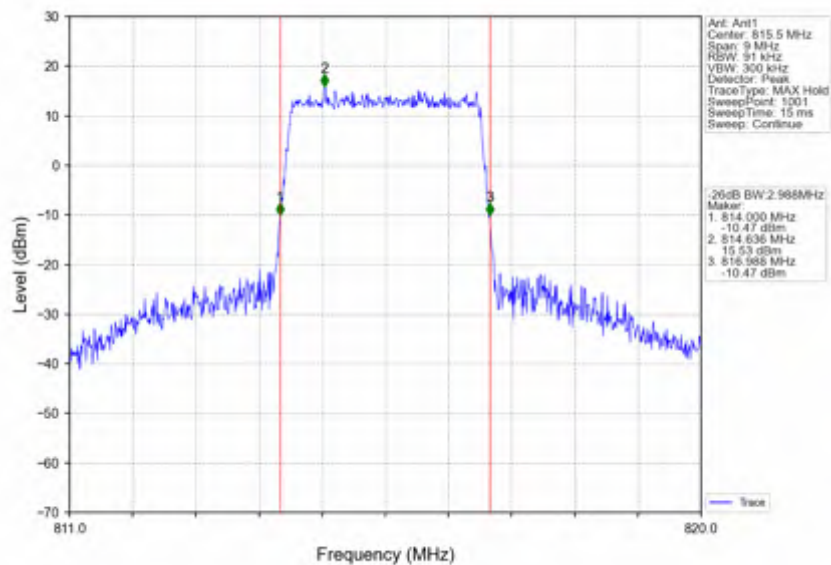
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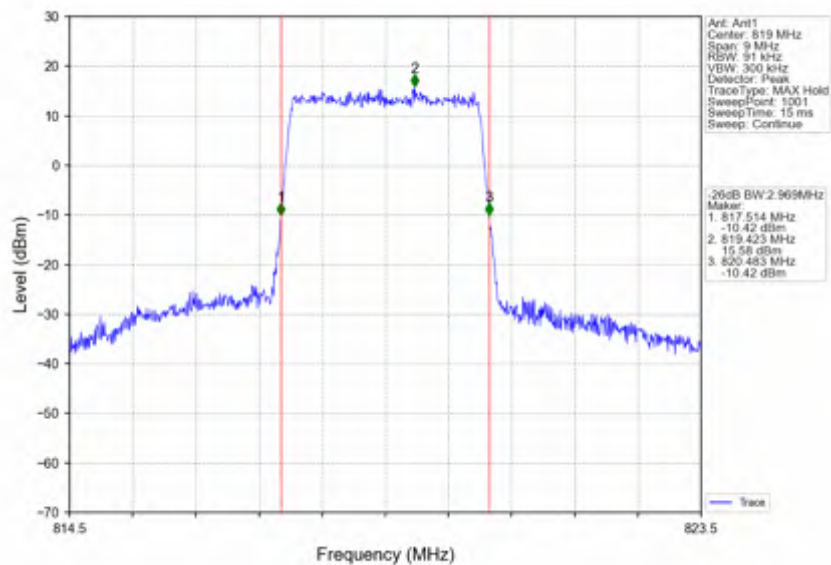
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Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



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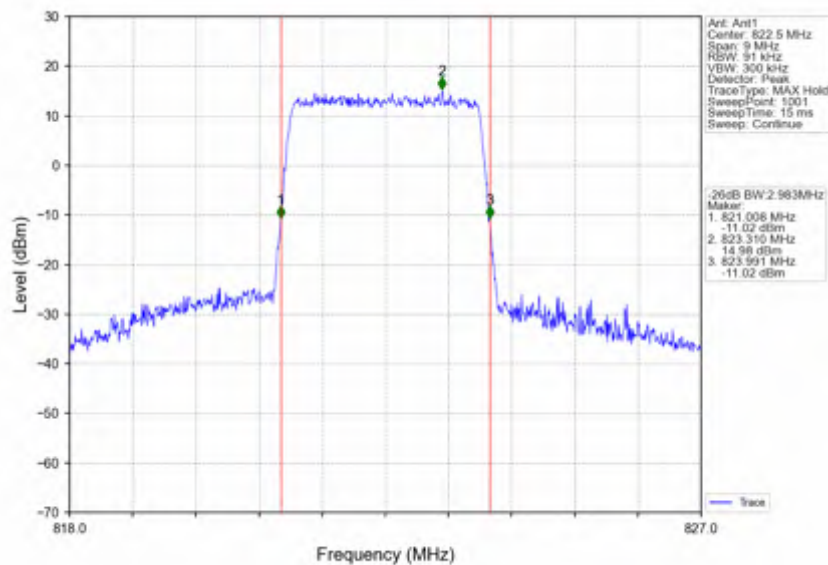
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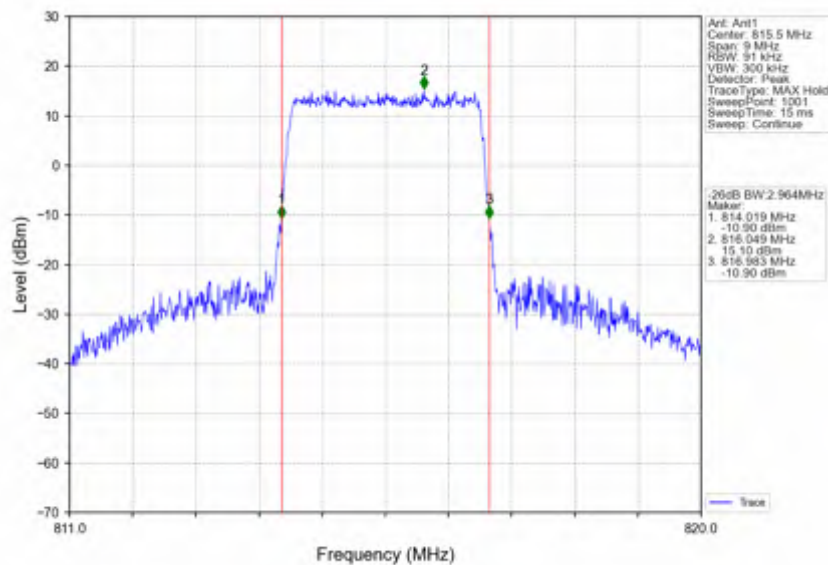
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Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



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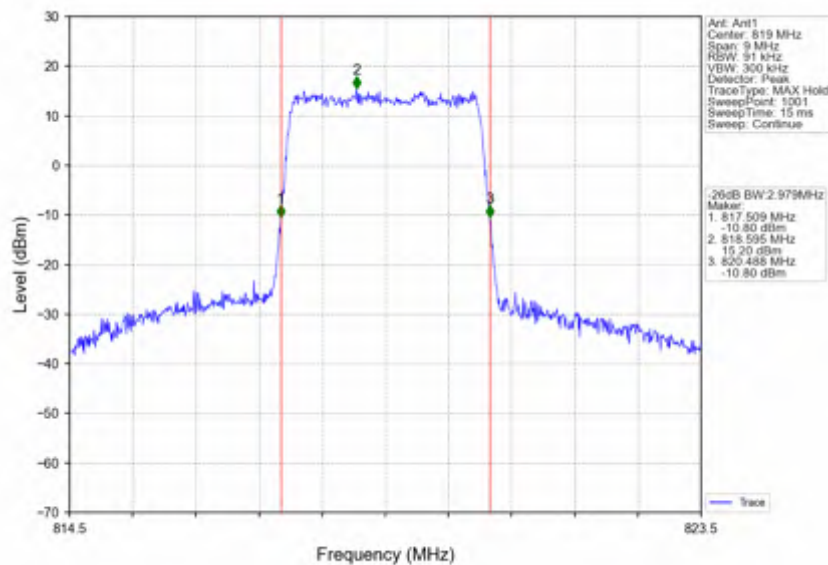
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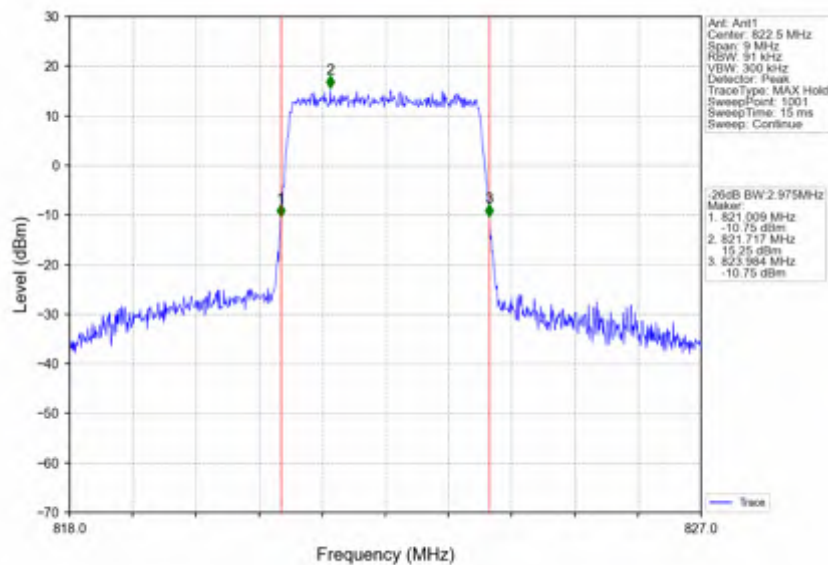
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Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



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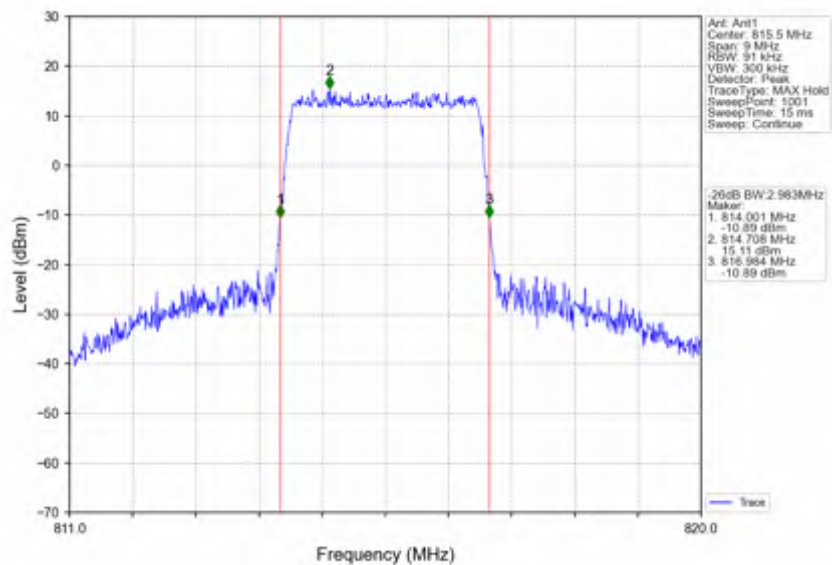
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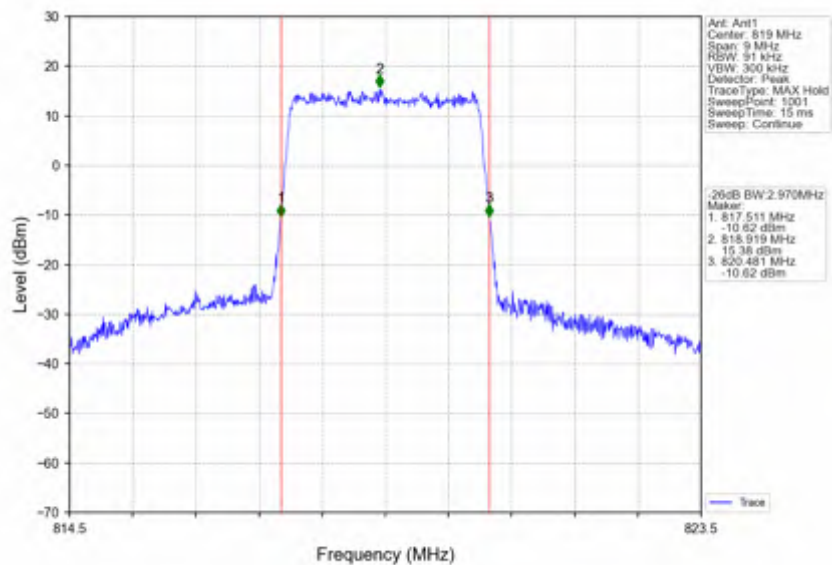
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Band26a 3MHz 64QAM LCH 815.5MHz RB 15 0 NTNV



Band26a 3MHz 64QAM MCH 819MHz RB 15 0 NTNV

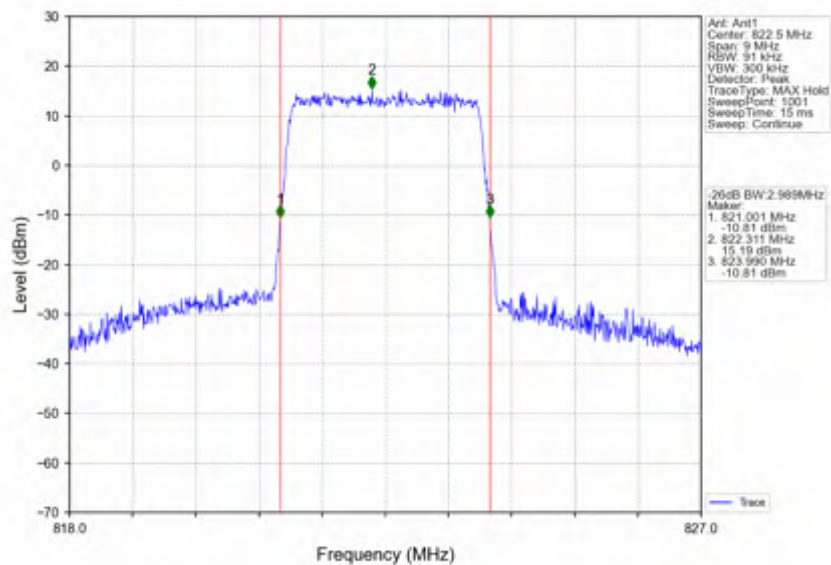


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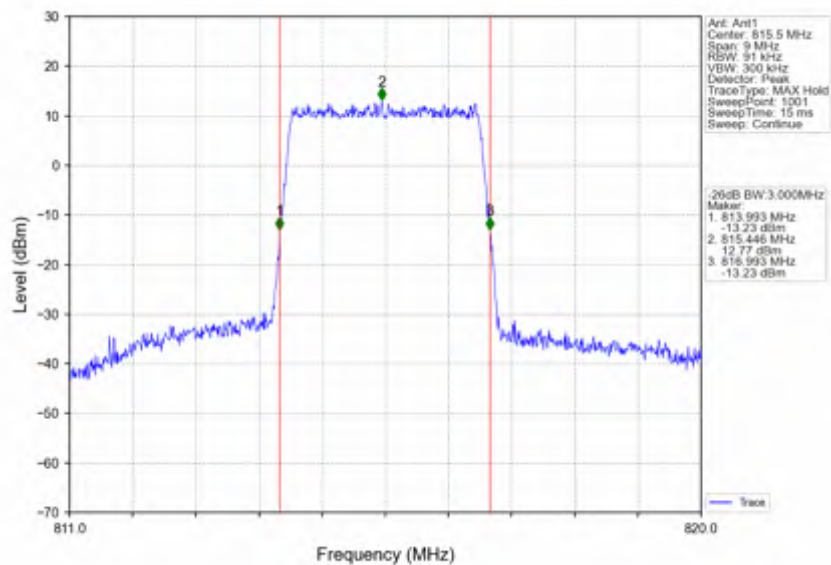
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Band26a_3MHz_64QAM_HCH_822.5MHz_RB_15_0_NTNV



Band26a_3MHz_256QAM_LCH_815.5MHz_RB_15_0_NTNV



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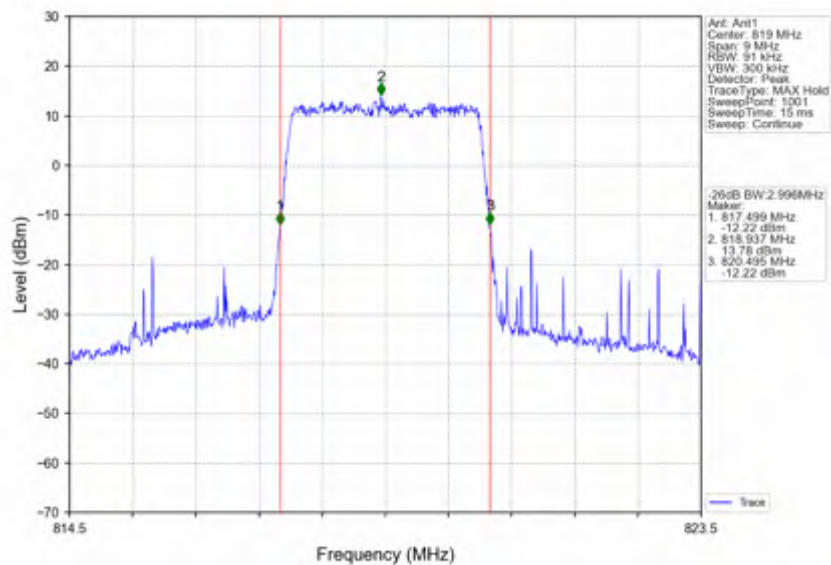
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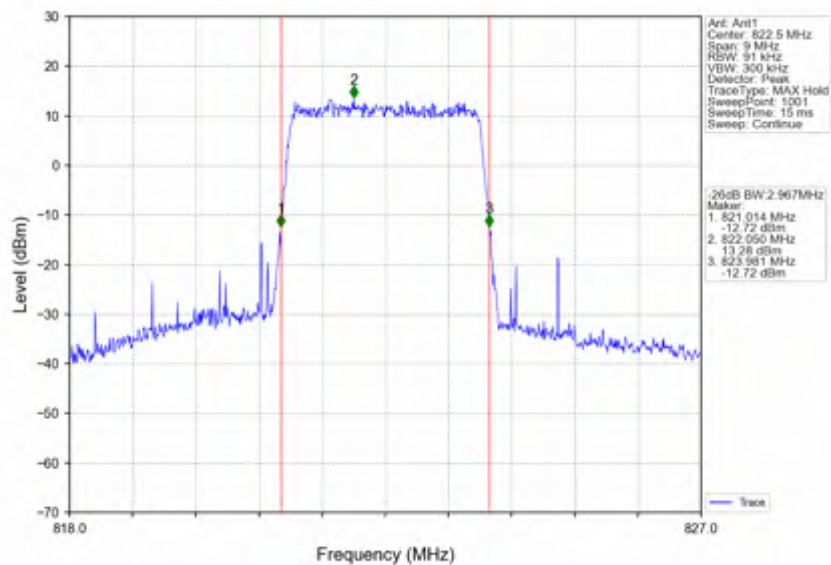
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Band26a_3MHz_256QAM_HCH_822.5MHz_RB_15_0_NTNV



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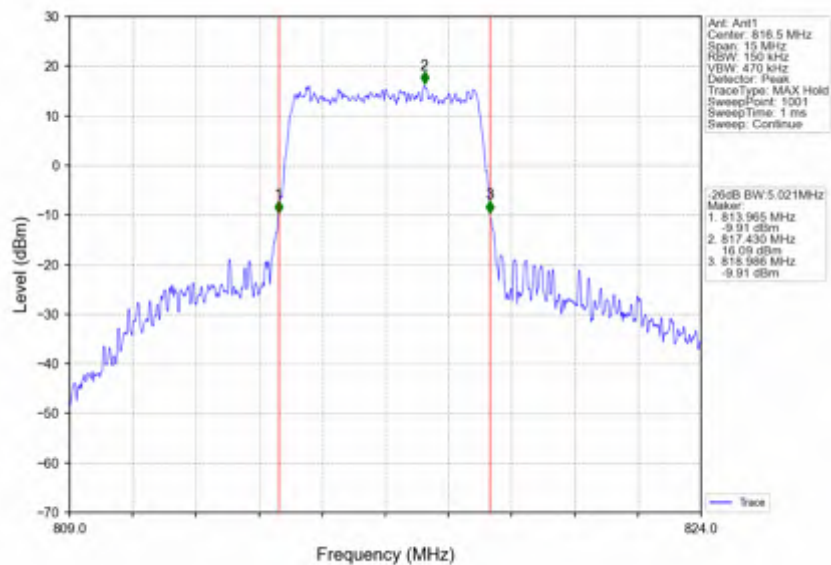
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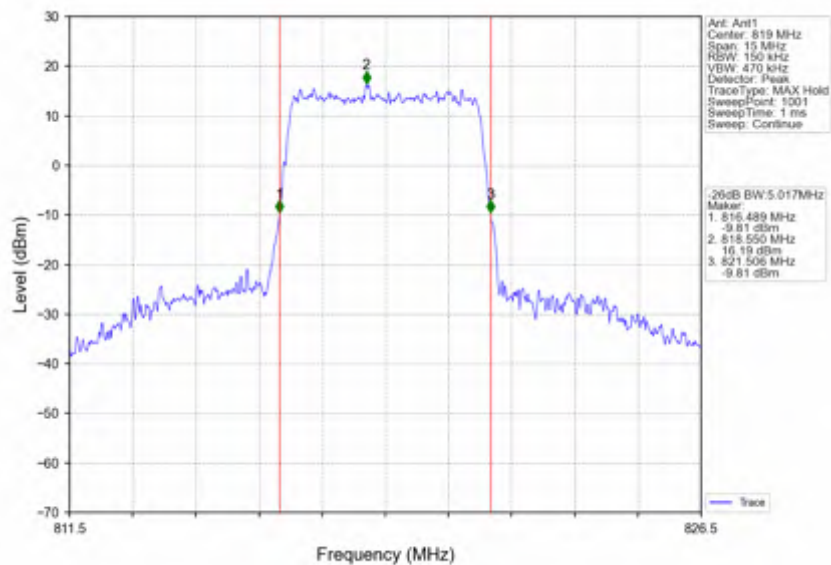
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Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



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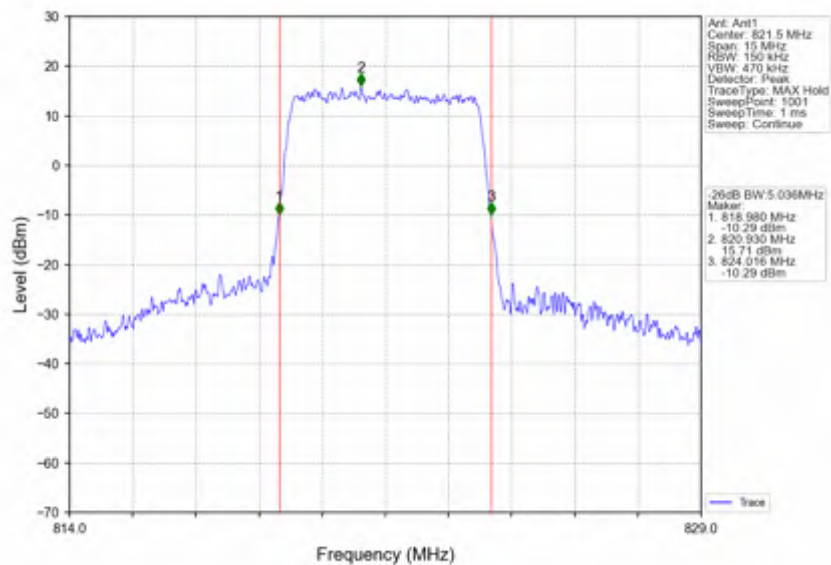
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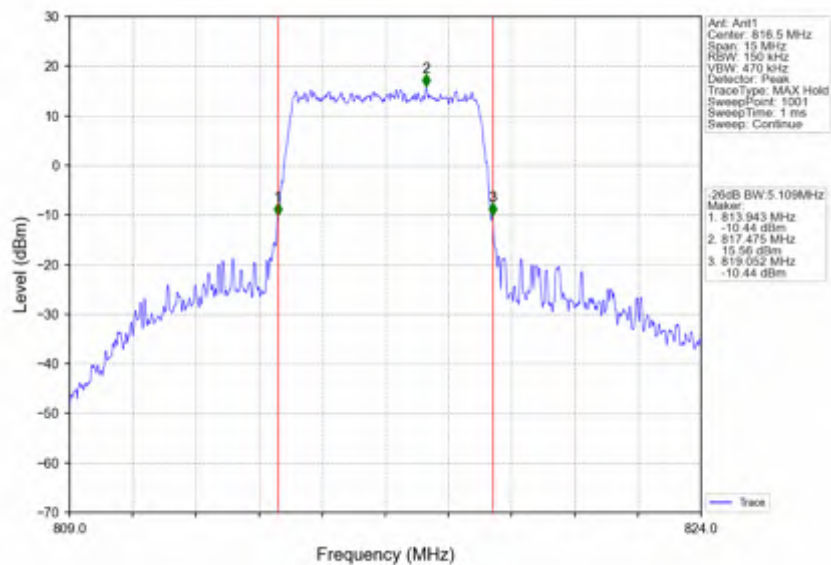
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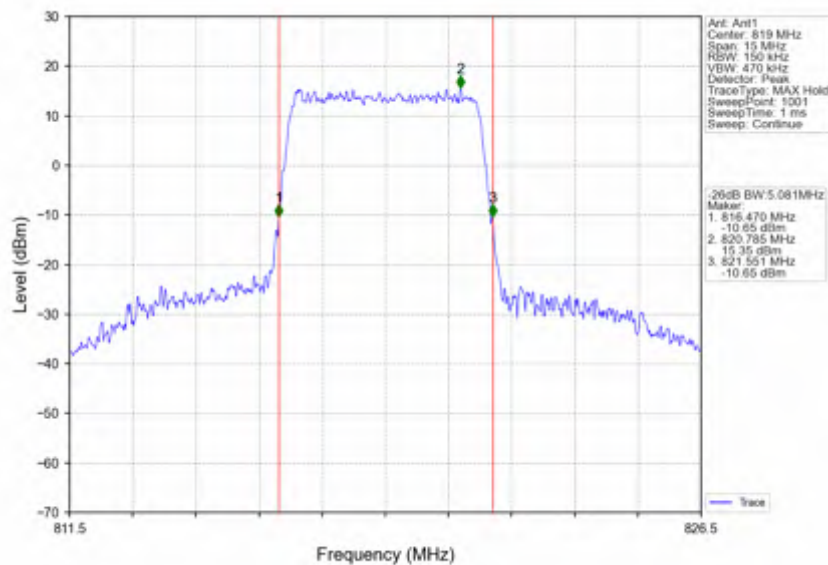
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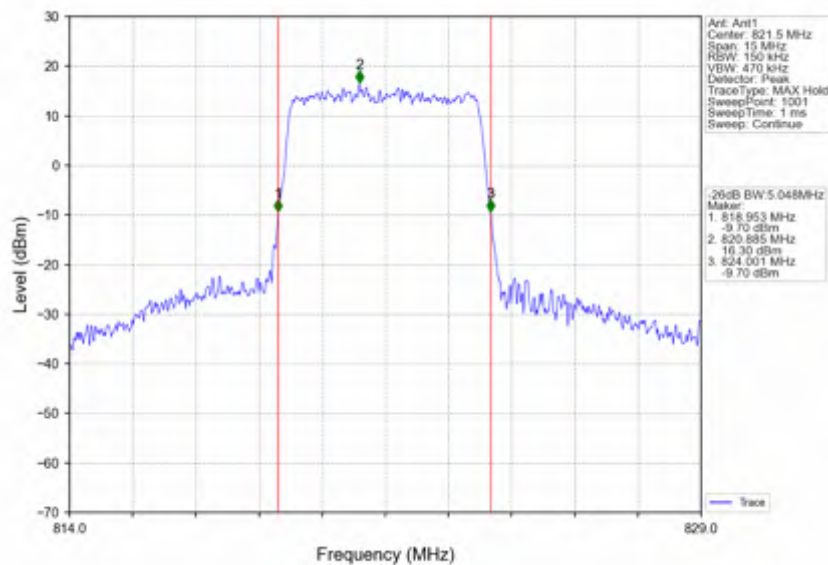
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Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



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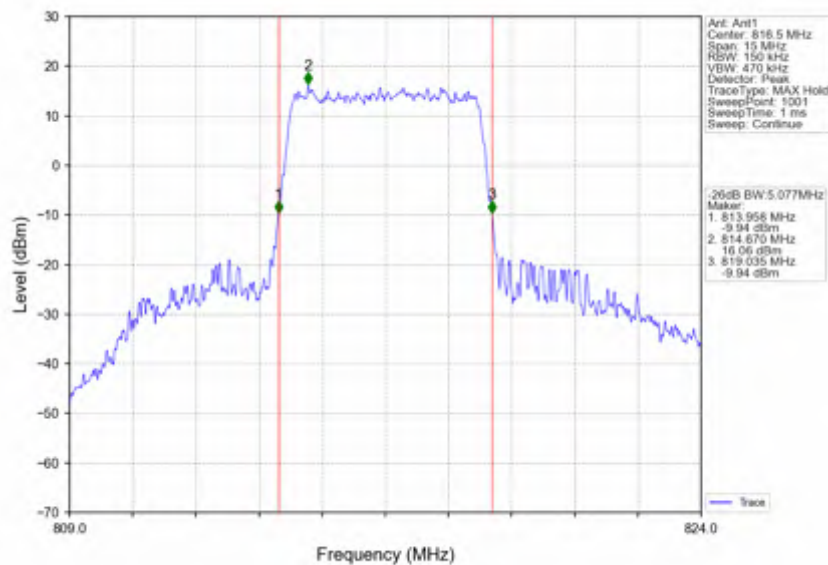
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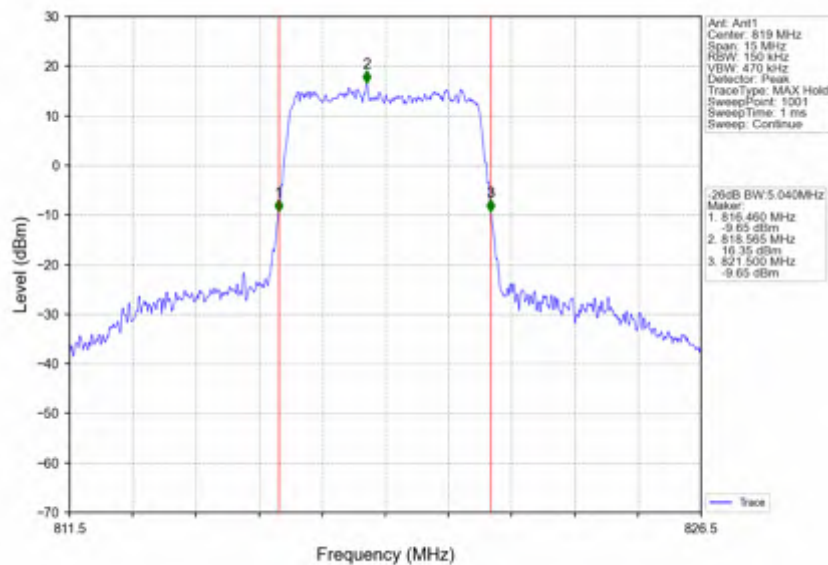
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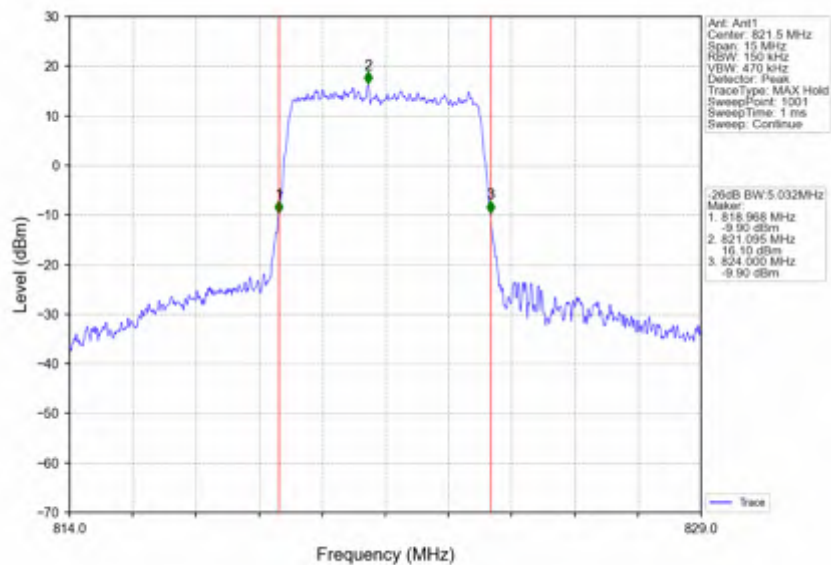
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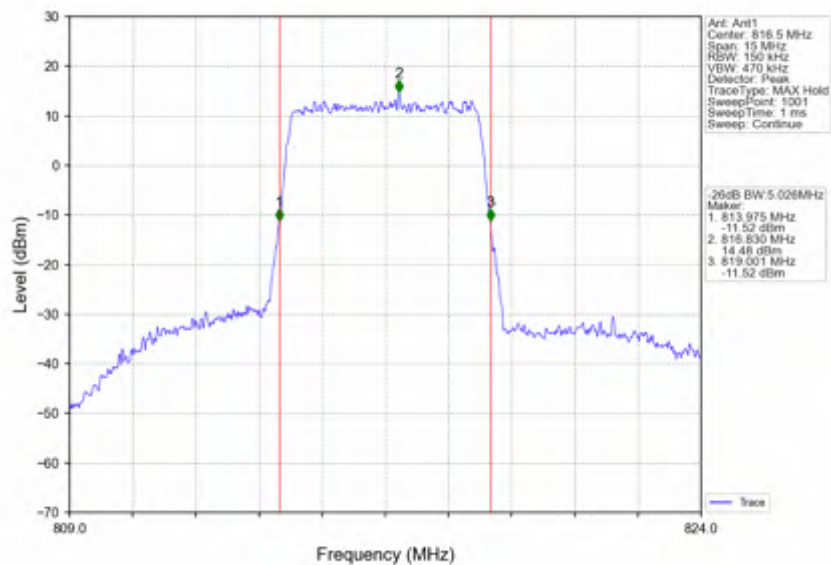
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Band26a_5MHz_256QAM_LCH_816.5MHz_RB_25_0_NTNV



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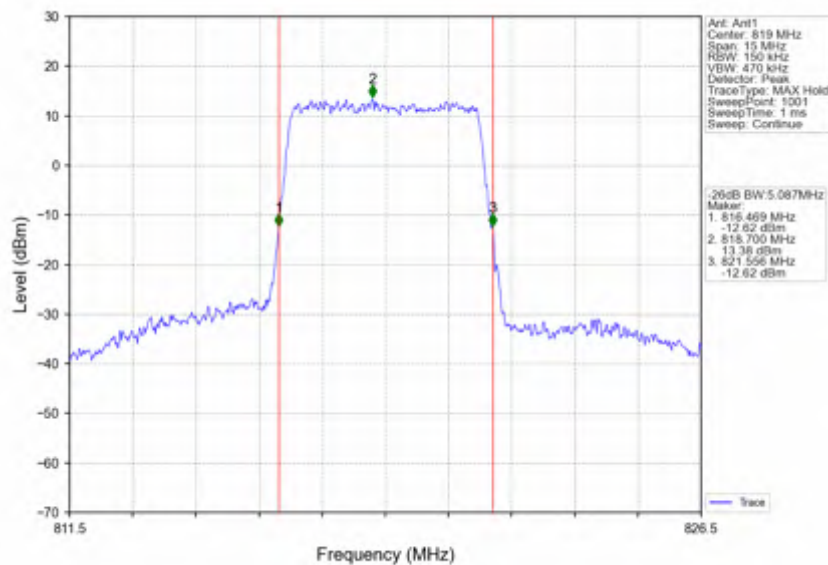
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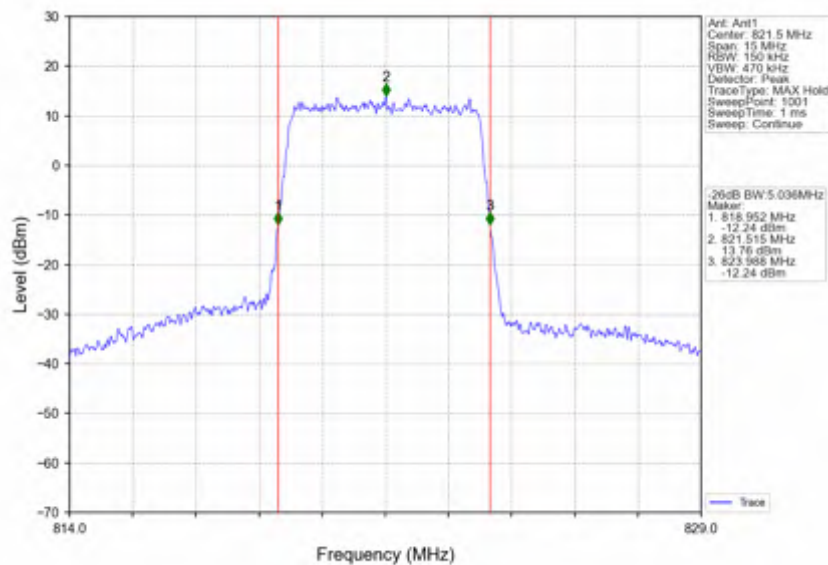
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Band26a_5MHz_256QAM_HCH_821.5MHz_RB_25_0_NTNV



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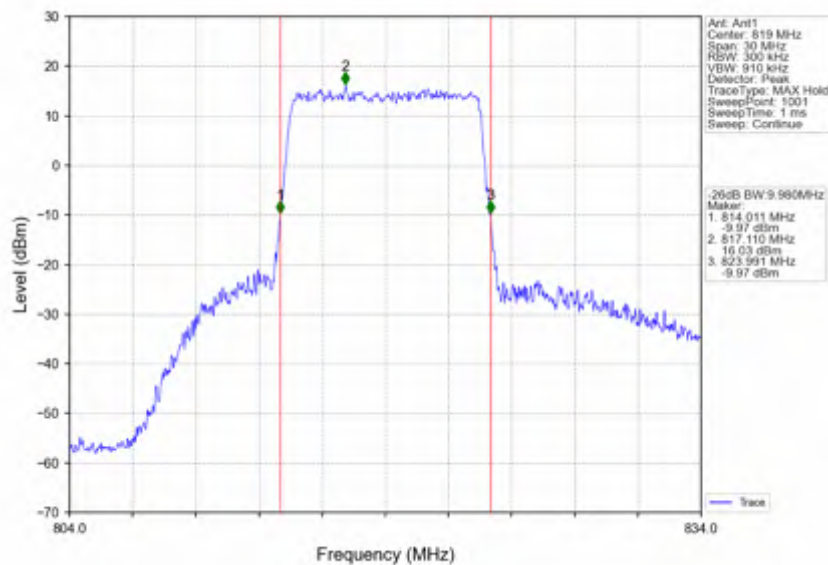
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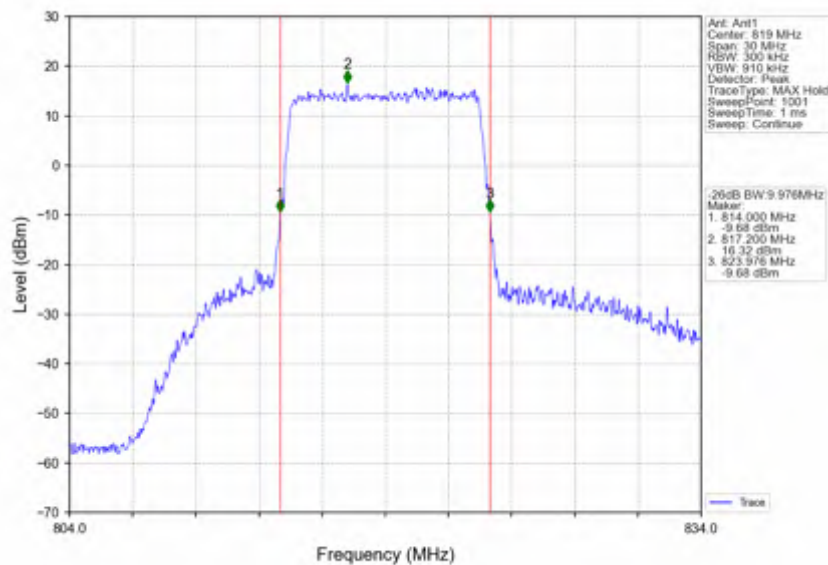
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Band26a_10MHz_QPSK_LCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



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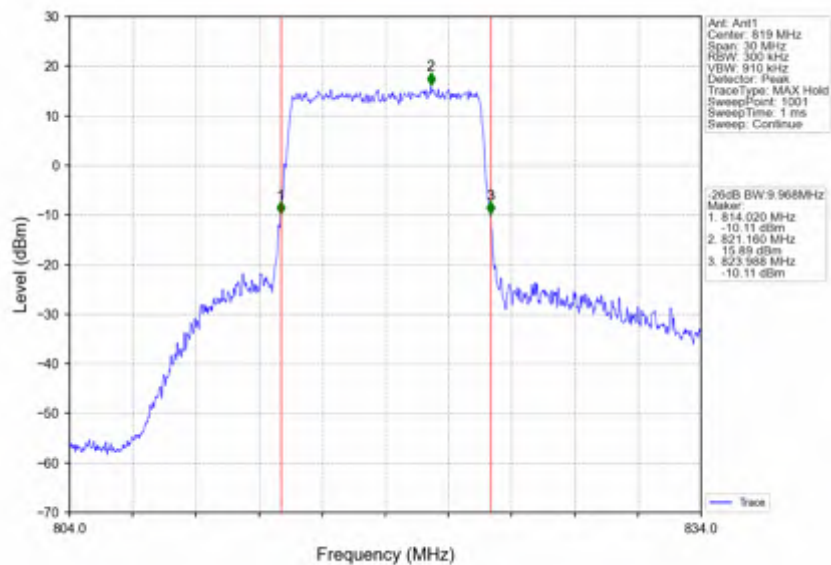
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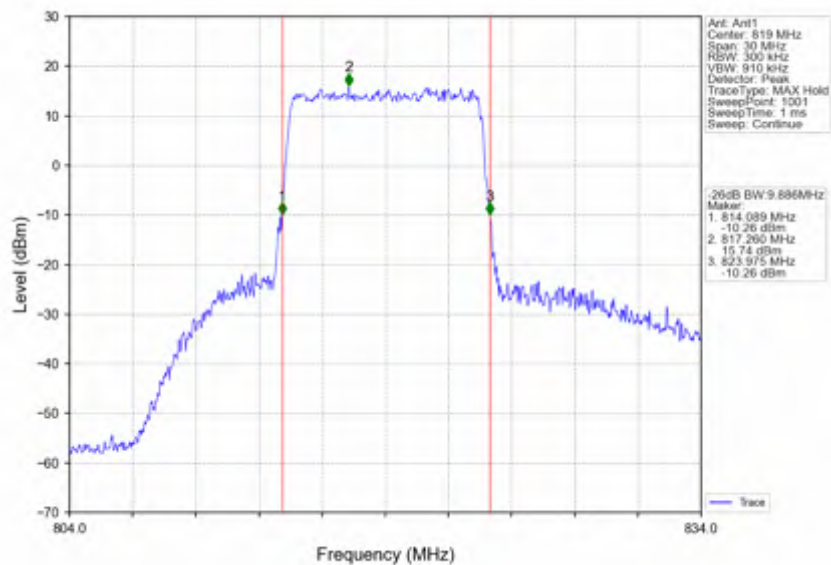
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Band26a_10MHz_QPSK_HCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_LCH_819MHz_RB_50_0_NTNV



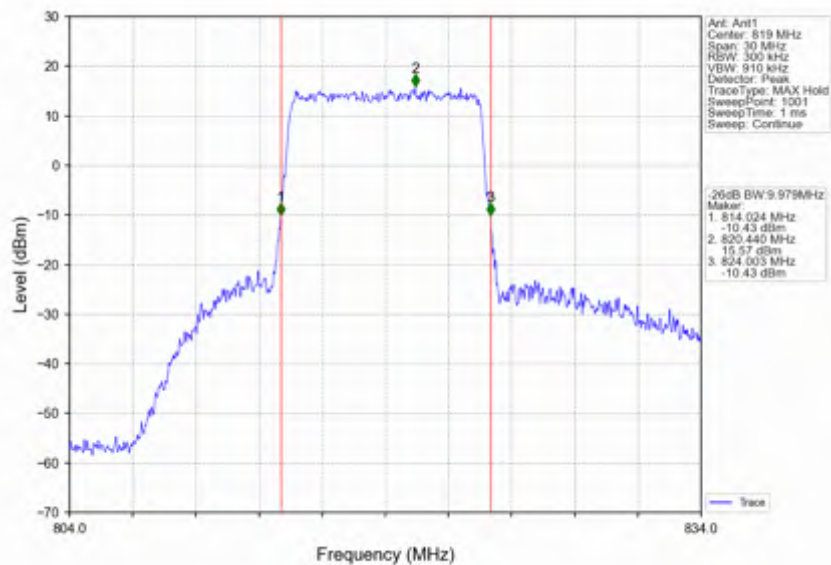
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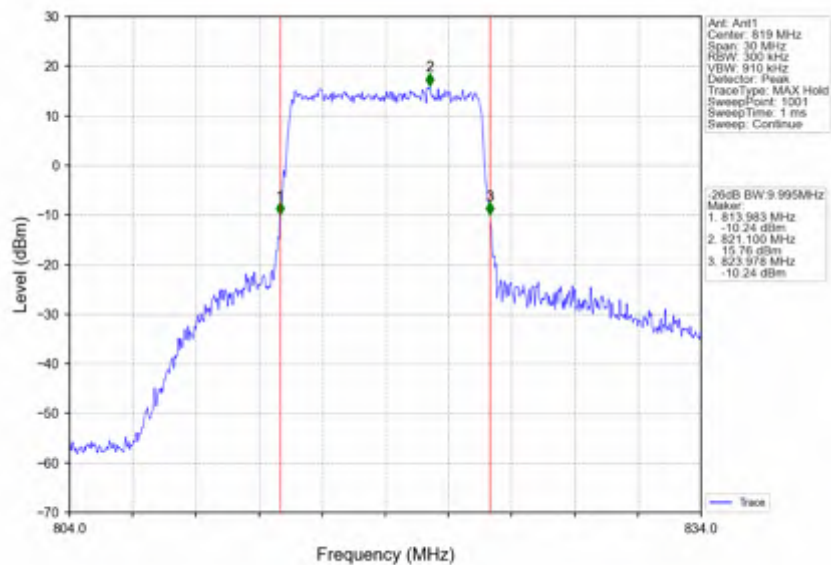
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Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



Band26a 10MHz 16QAM HCH 819MHz RB 50 0 NTNV



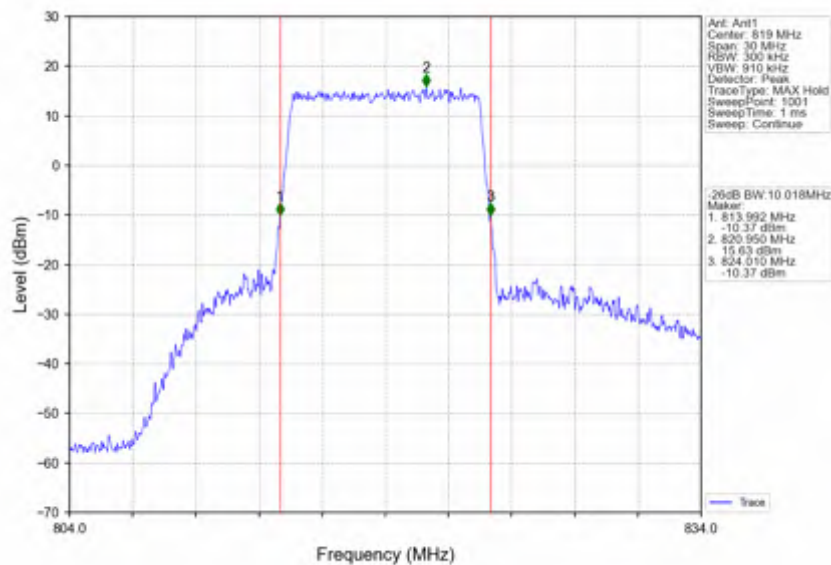
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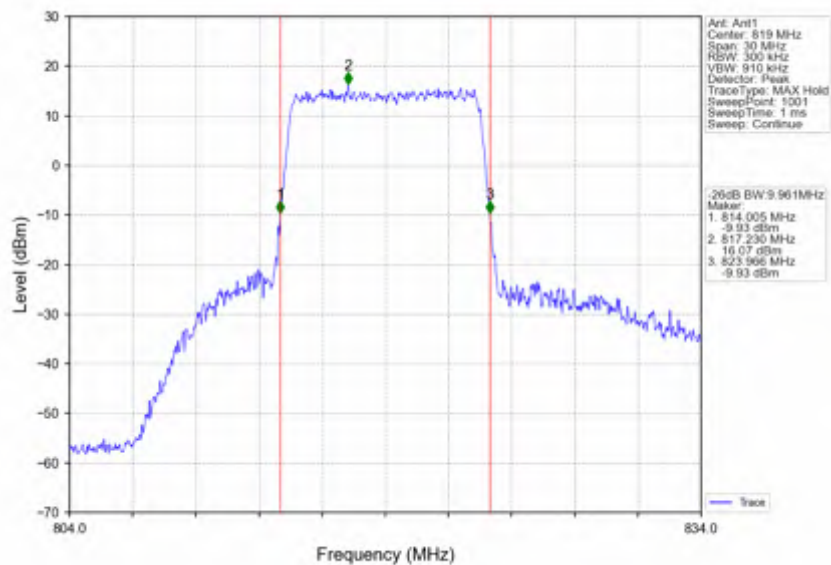
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Band26a_10MHz_64QAM_LCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_64QAM_MCH_819MHz_RB_50_0_NTNV



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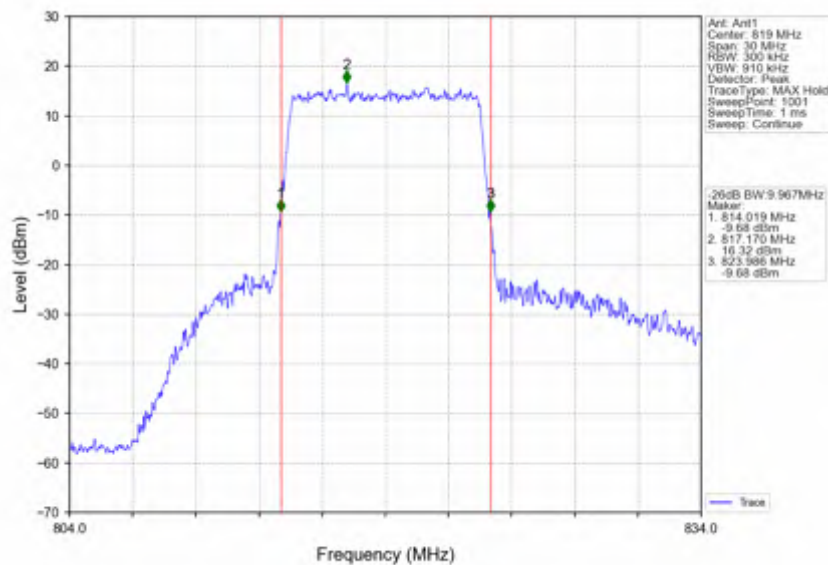
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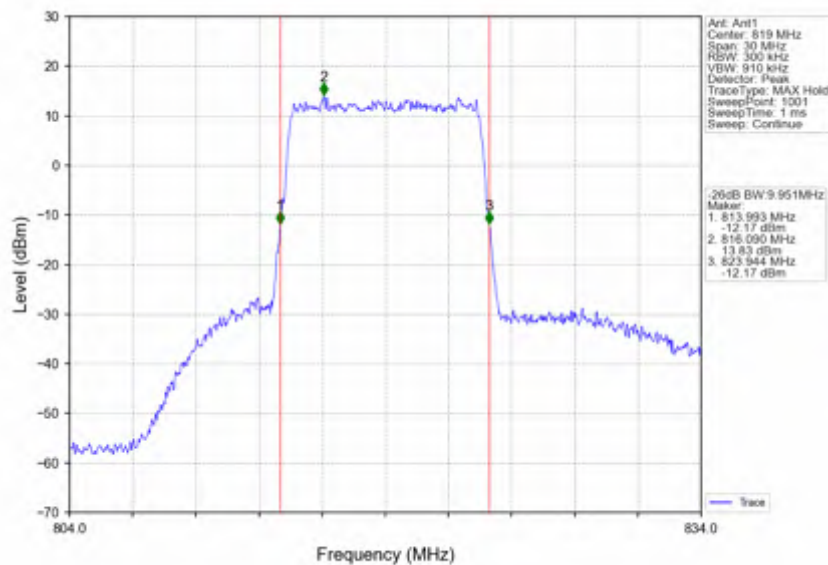
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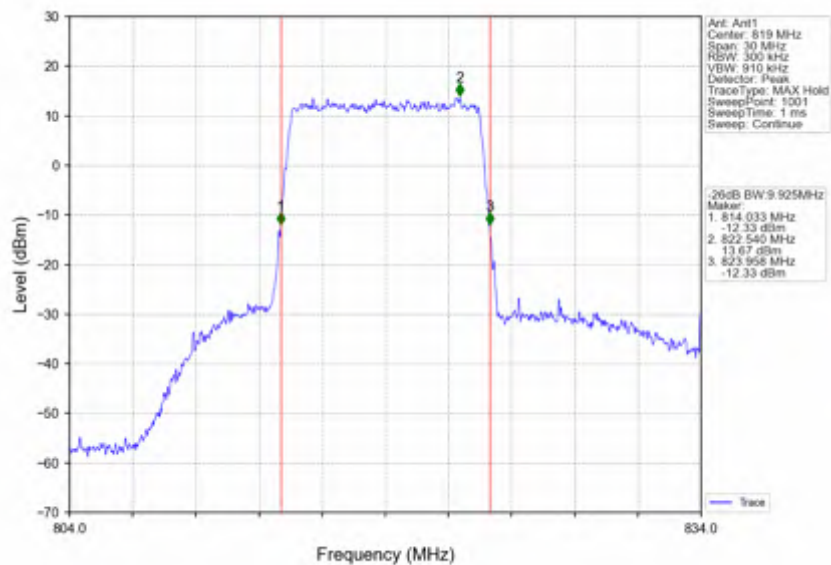
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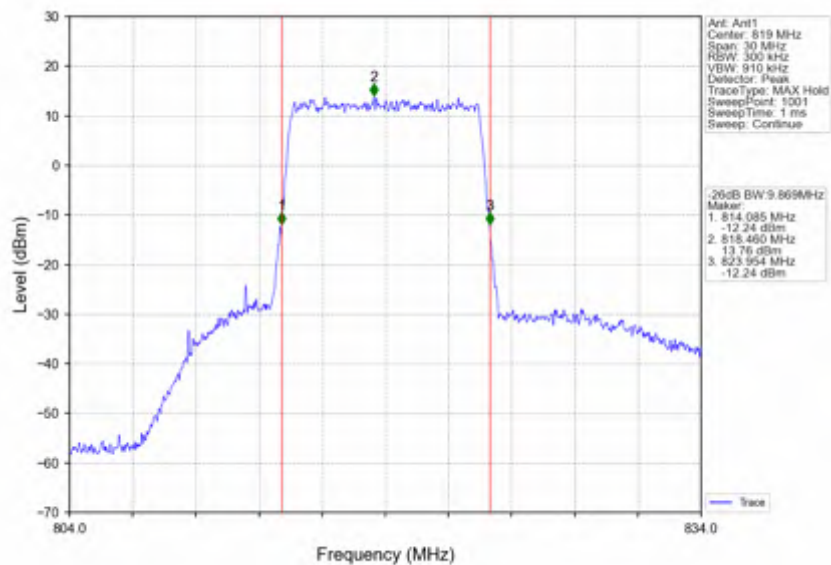
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7. 99% & 26dB Bandwidth

7.1 Band26b_OBW

7.1.1 Test Result

Band: 26b / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.114	Pass
		836.5	6	0	1.108	Pass
		848.3	6	0	1.119	Pass
	16QAM	824.7	6	0	1.113	Pass
		836.5	6	0	1.109	Pass
		848.3	6	0	1.110	Pass
	64QAM	824.7	6	0	1.105	Pass
		836.5	6	0	1.109	Pass
		848.3	6	0	1.103	Pass
	256QAM	824.7	6	0	1.119	Pass
		836.5	6	0	1.110	Pass
		848.3	6	0	1.118	Pass
3	QPSK	825.5	15	0	2.721	Pass
		836.5	15	0	2.748	Pass
		847.5	15	0	2.724	Pass
	16QAM	825.5	15	0	2.739	Pass
		836.5	15	0	2.721	Pass
		847.5	15	0	2.729	Pass
	64QAM	825.5	15	0	2.722	Pass
		836.5	15	0	2.722	Pass
		847.5	15	0	2.742	Pass
	256QAM	825.5	15	0	2.725	Pass
		836.5	15	0	2.727	Pass
		847.5	15	0	2.729	Pass
5	QPSK	826.5	25	0	4.553	Pass
		836.5	25	0	4.551	Pass
		846.5	25	0	4.546	Pass
	16QAM	826.5	25	0	4.549	Pass
		836.5	25	0	4.530	Pass
		846.5	25	0	4.552	Pass
	64QAM	826.5	25	0	4.533	Pass
		836.5	25	0	4.534	Pass
		846.5	25	0	4.538	Pass
	256QAM	826.5	25	0	4.543	Pass
		836.5	25	0	4.542	Pass
		846.5	25	0	4.545	Pass
10	QPSK	829	50	0	9.064	Pass
		836.5	50	0	9.071	Pass
		844	50	0	9.024	Pass
	16QAM	829	50	0	9.071	Pass
		836.5	50	0	9.044	Pass
	64QAM	844	50	0	9.054	Pass
		829	50	0	9.037	Pass



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		836.5	50	0	9.016	Pass
		844	50	0	9.021	Pass
	256QAM	829	50	0	9.035	Pass
		836.5	50	0	9.061	Pass
		844	50	0	9.070	Pass



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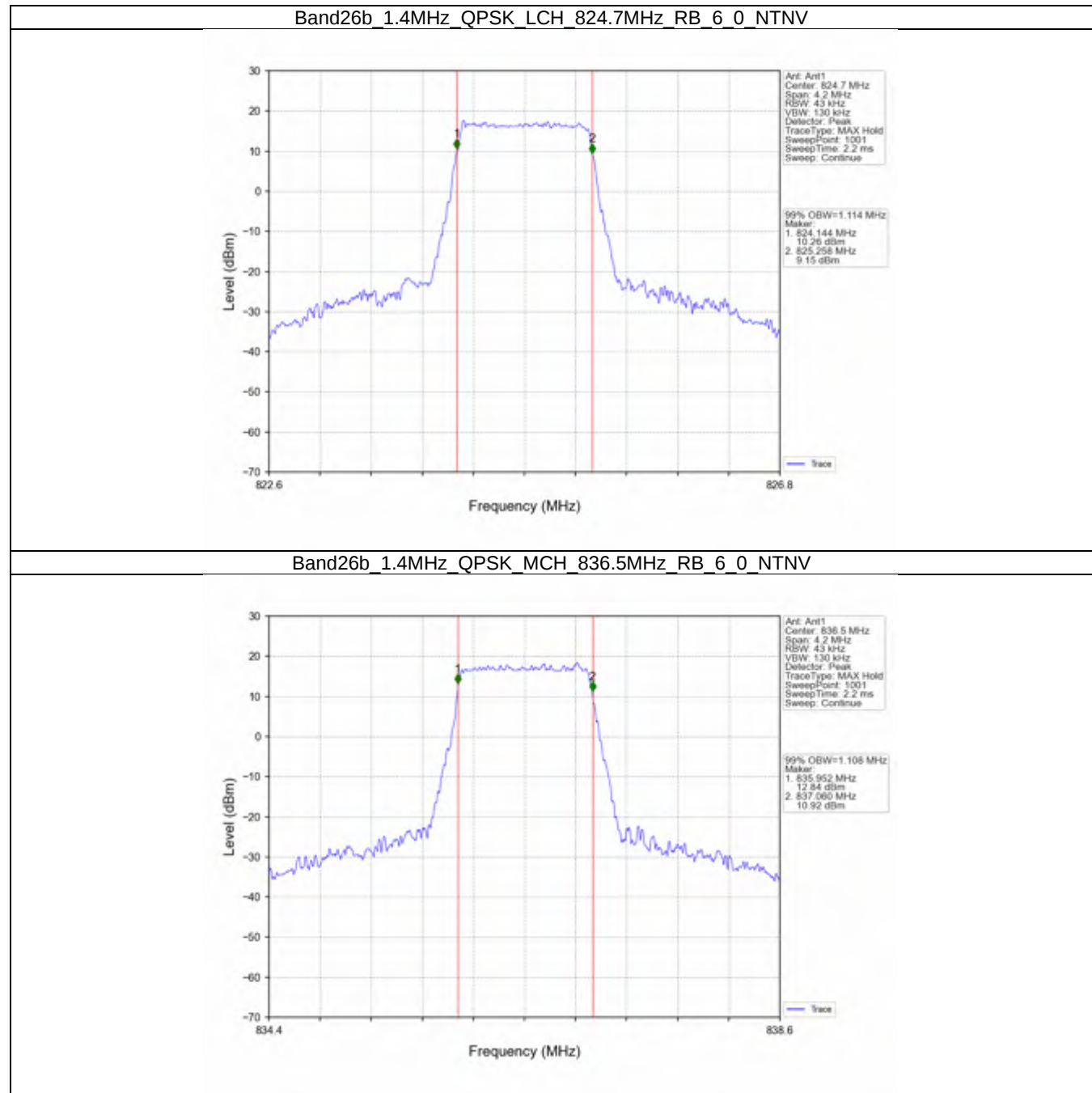
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7.1.2 Test Graph



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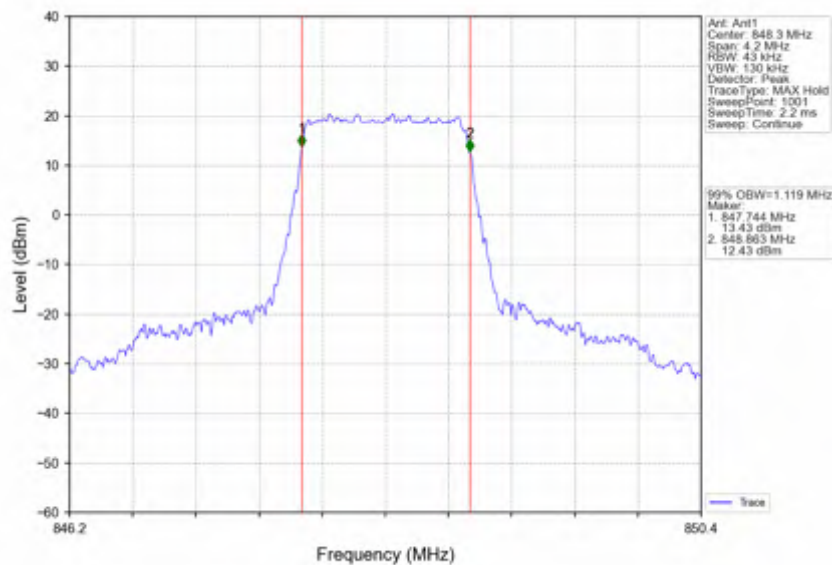
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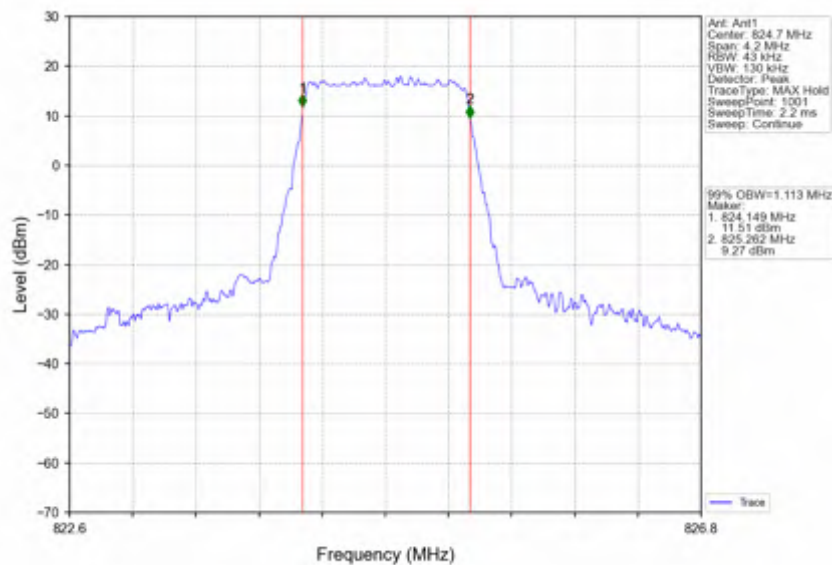
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Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



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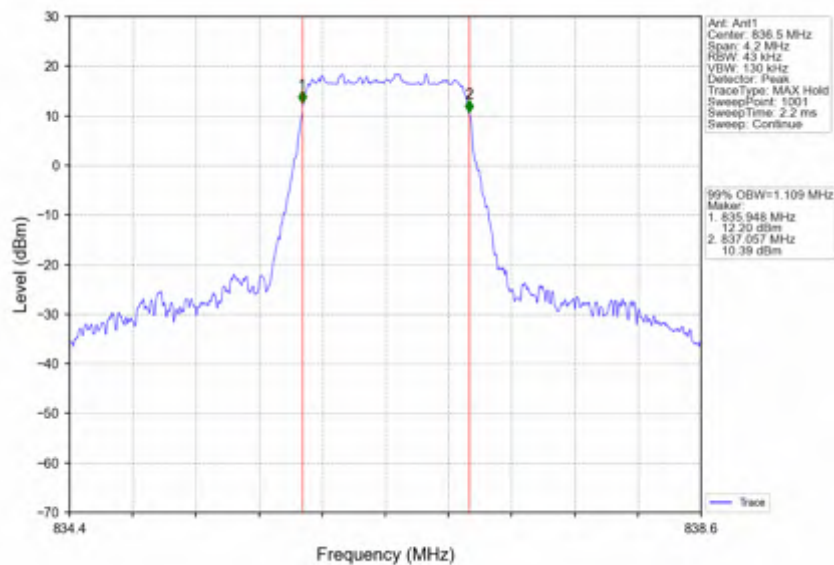
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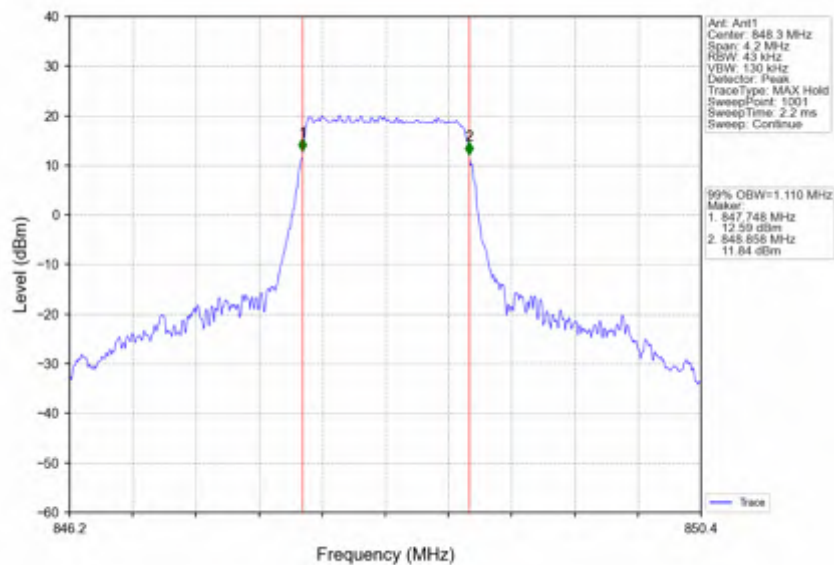
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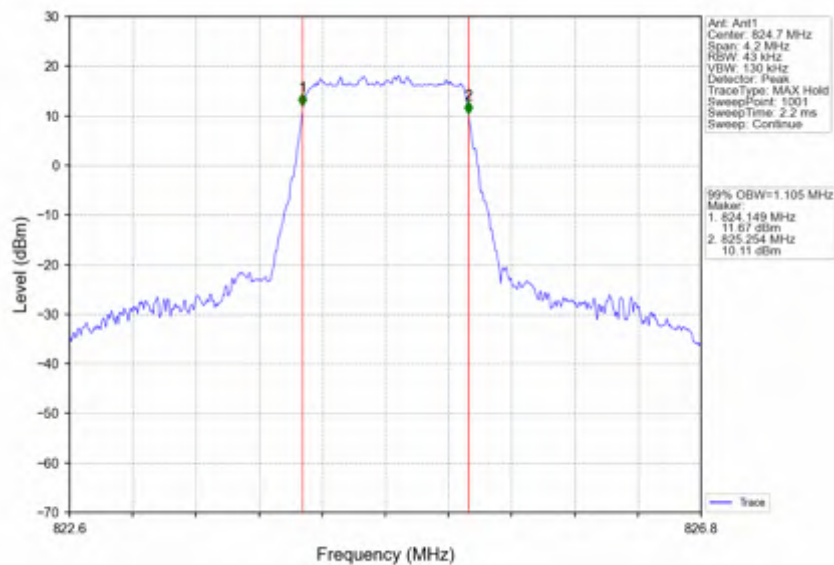
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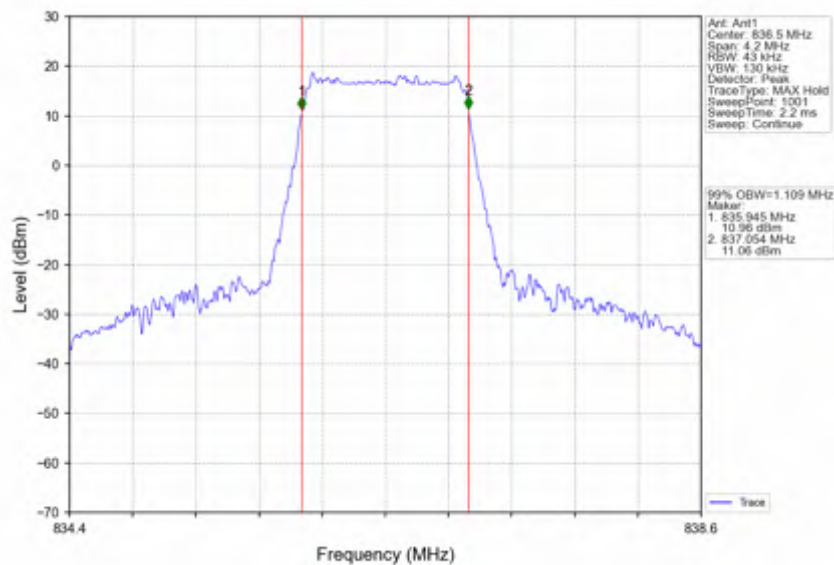
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Band26b 1.4MHz 64QAM MCH 836.5MHz RB 6 0 NTNV

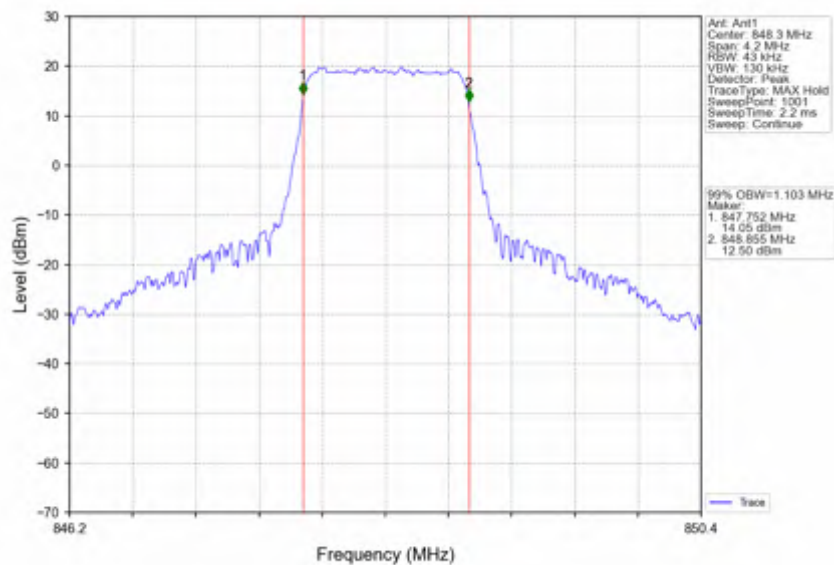


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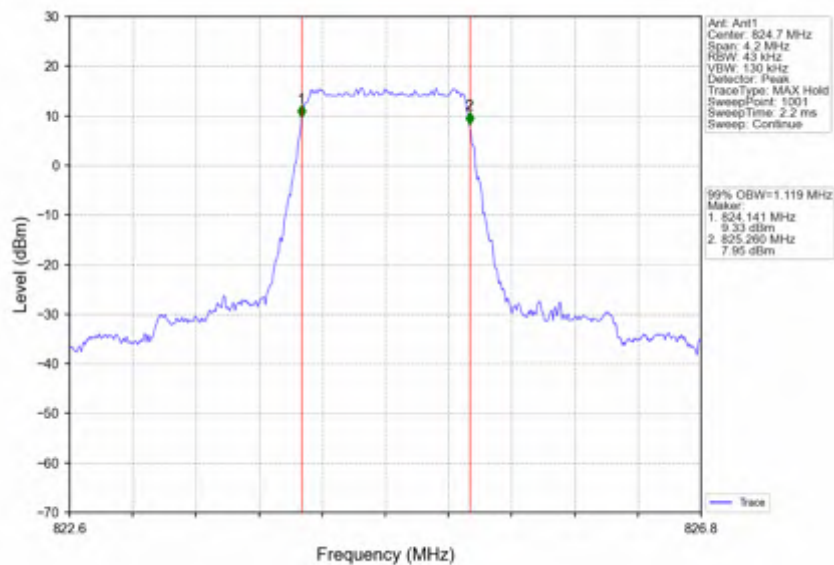
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Band26b_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



Band26b_1.4MHz_256QAM_LCH_824.7MHz_RB_6_0_NTNV



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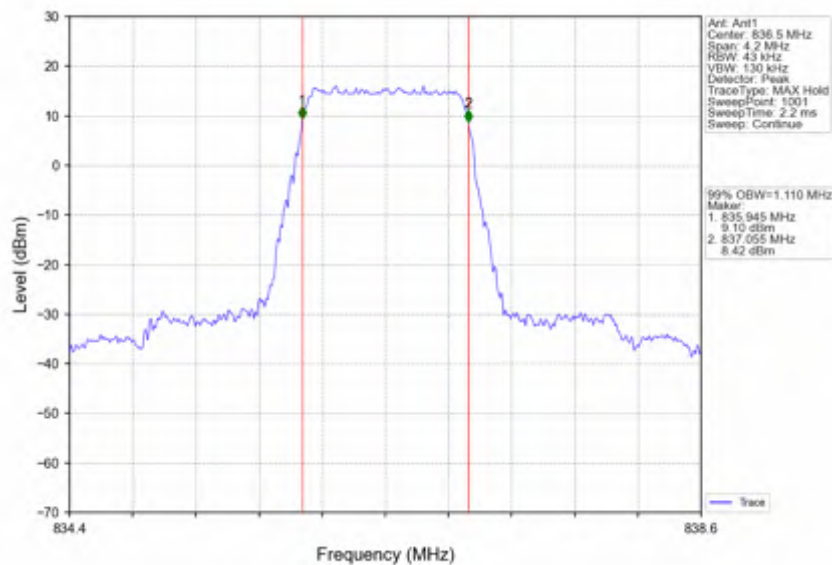
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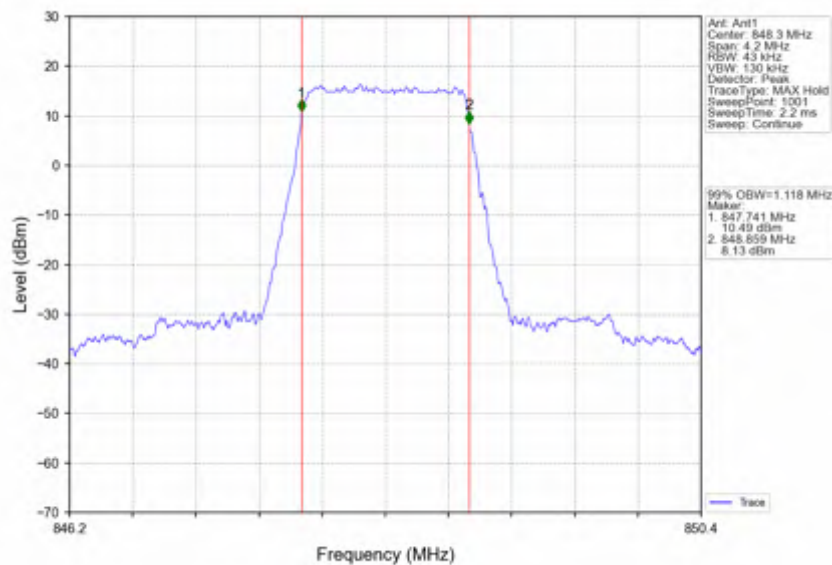
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Band26b_1.4MHz_256QAM_MCH_836.5MHz_RB_6_0_NTNV



Band26b_1.4MHz_256QAM_HCH_848.3MHz_RB_6_0_NTNV



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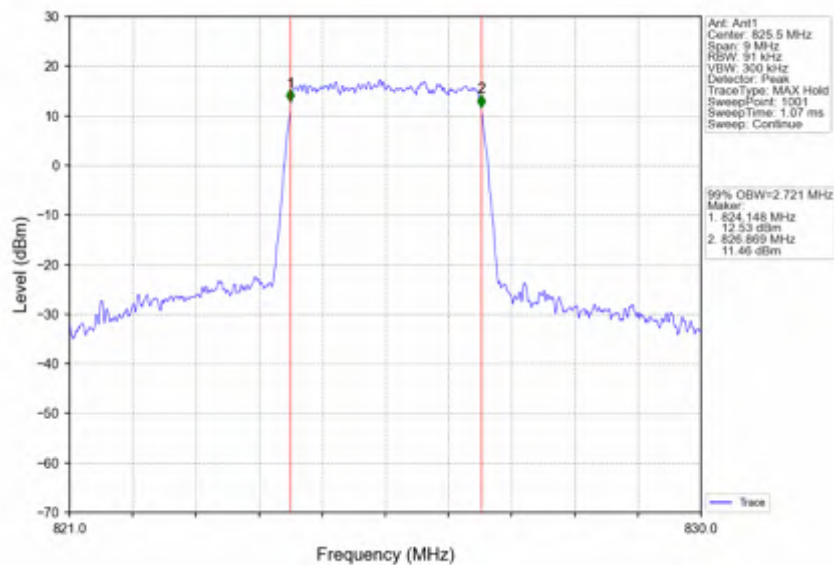
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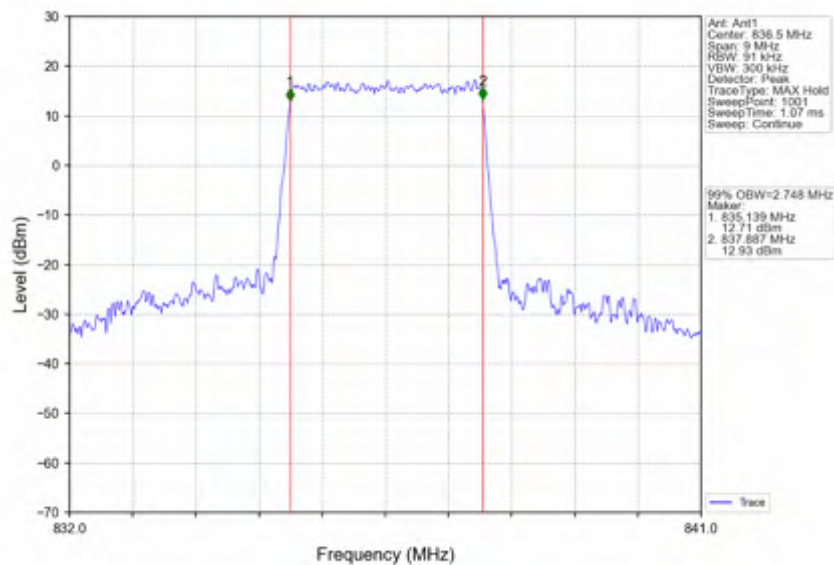
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Band26b_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



Band26b_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

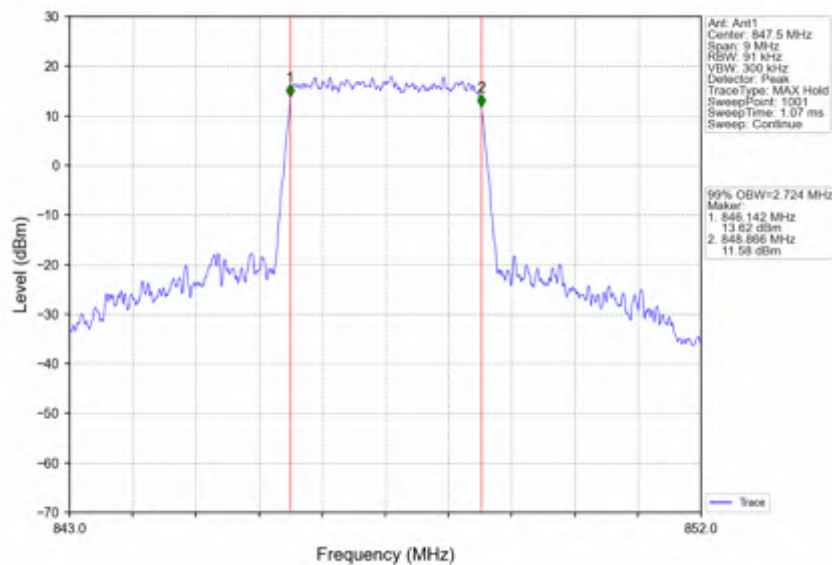


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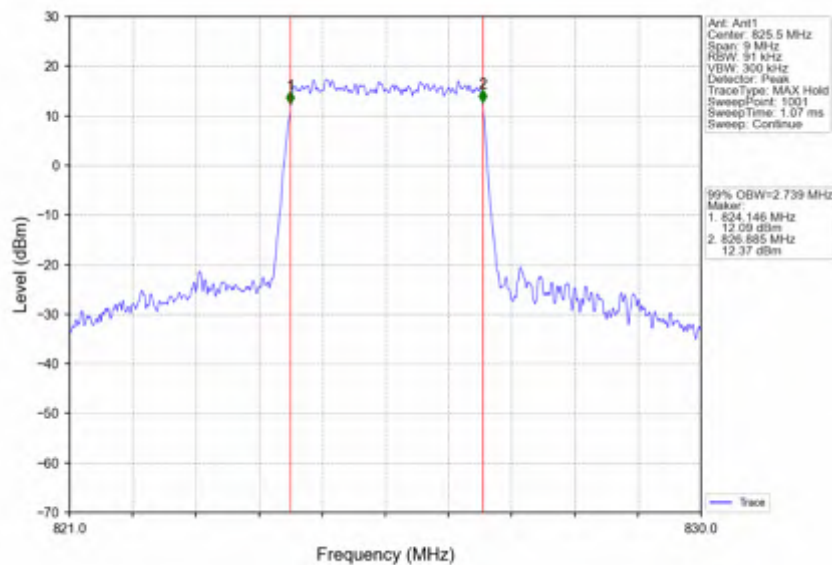
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Band26b_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Band26b_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



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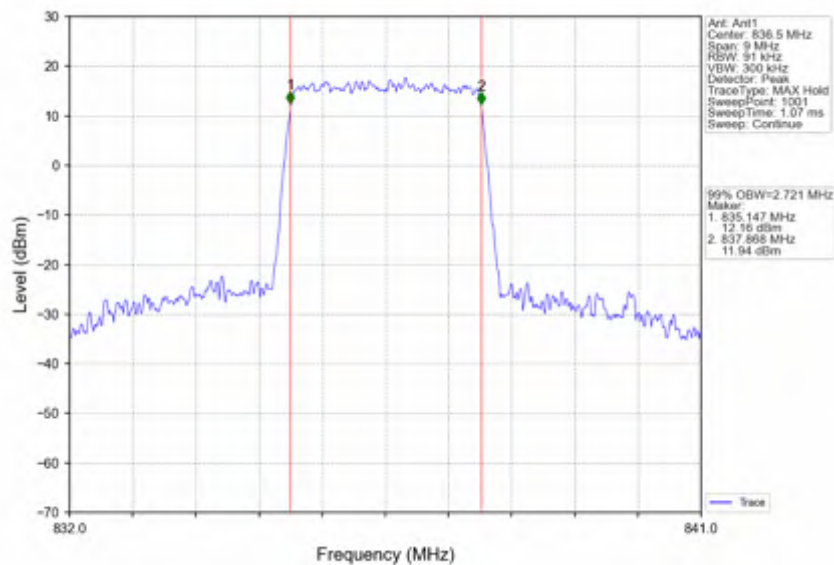
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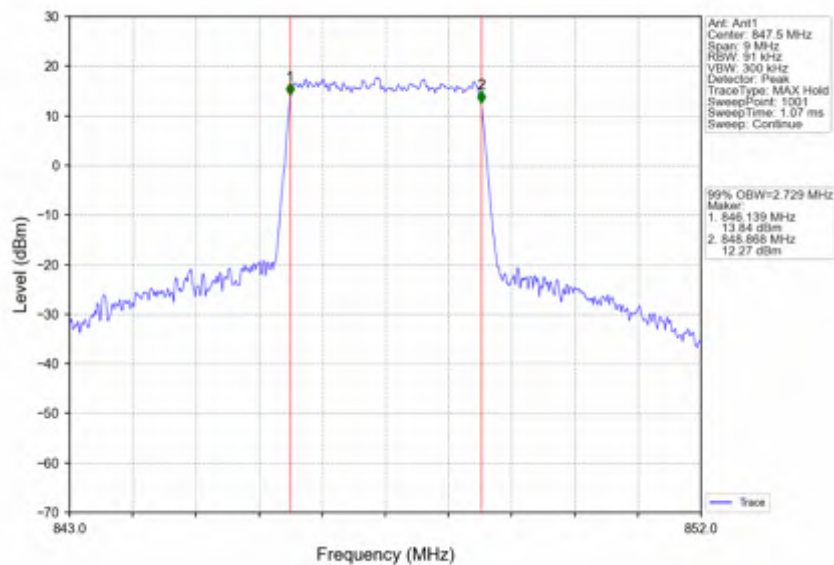
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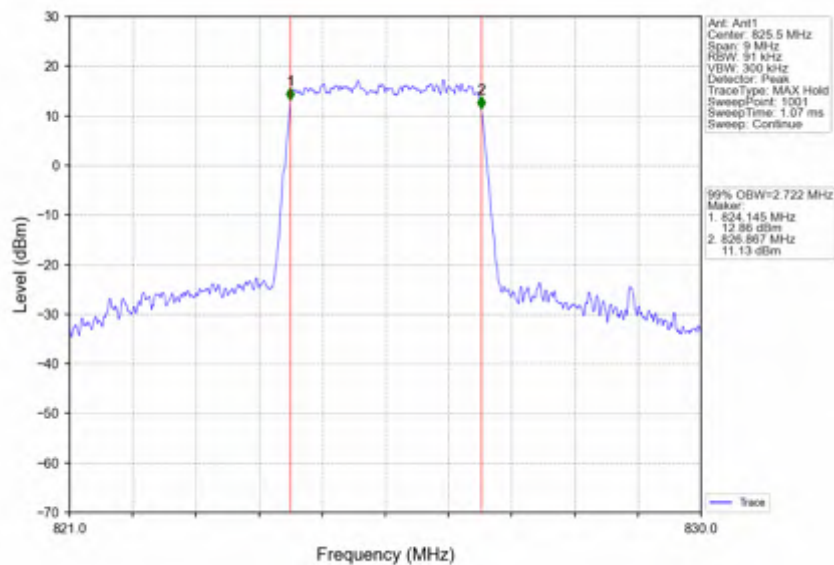
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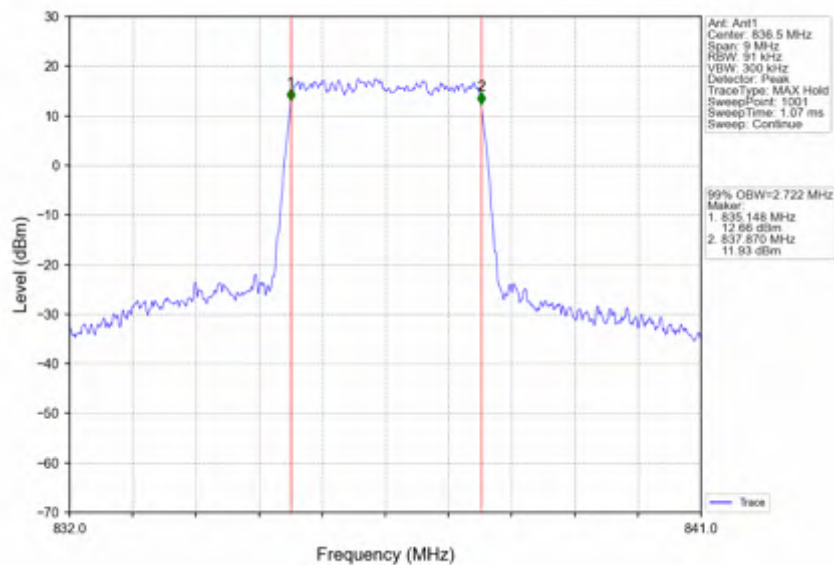
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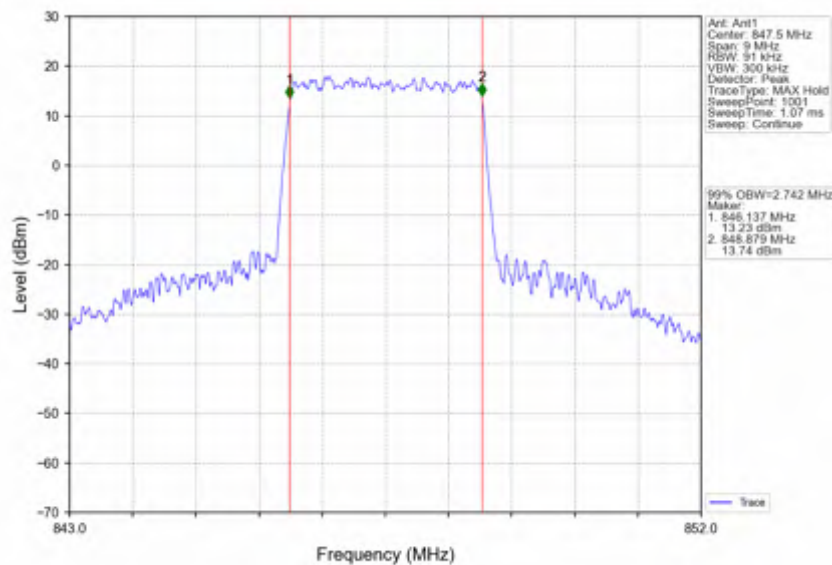
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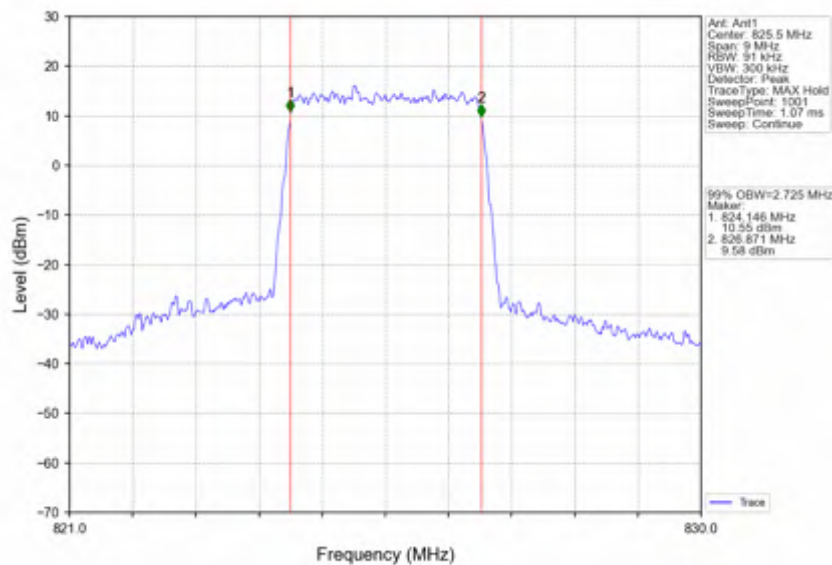
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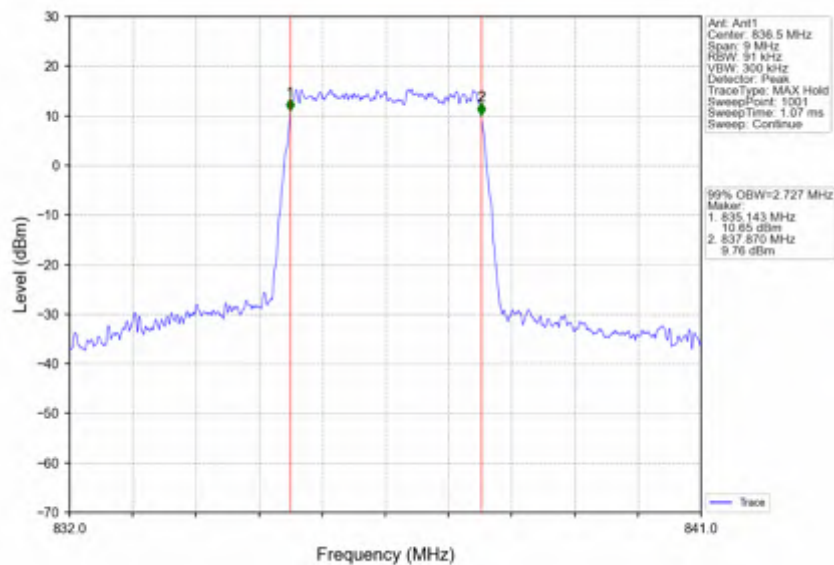
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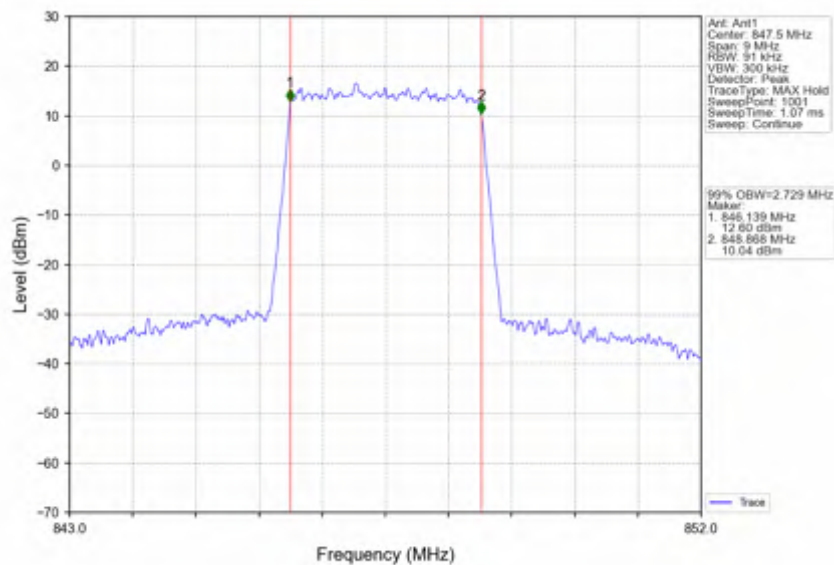
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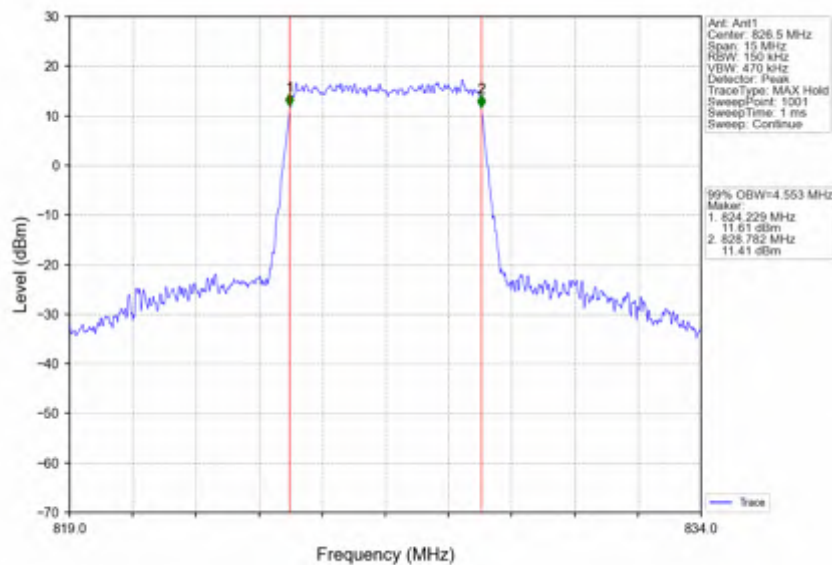
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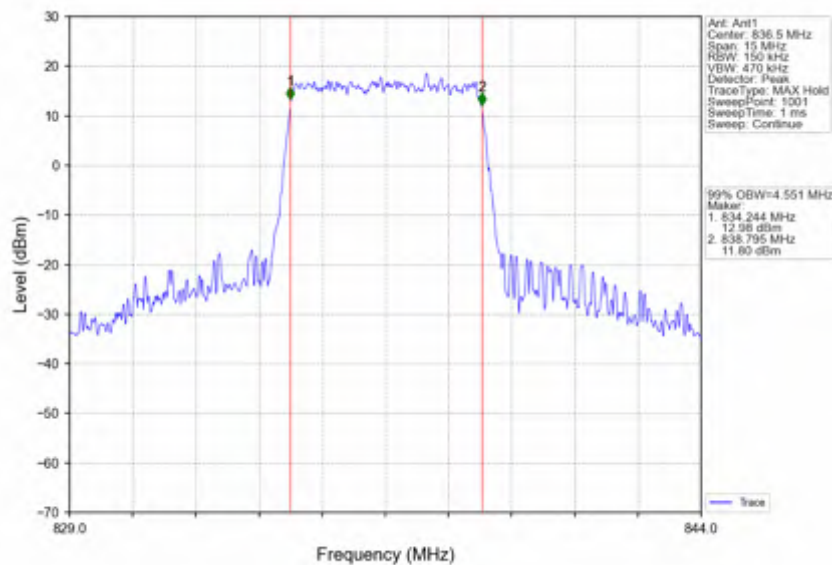
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Band26b_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



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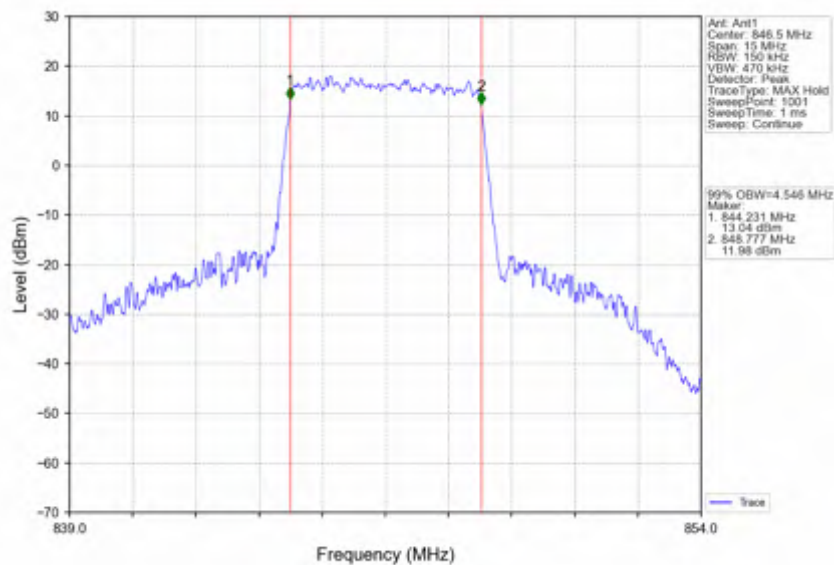
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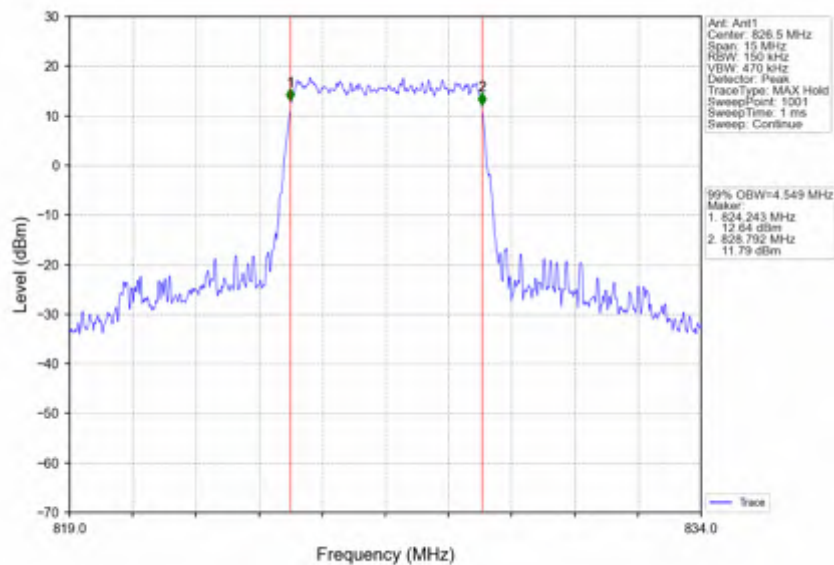
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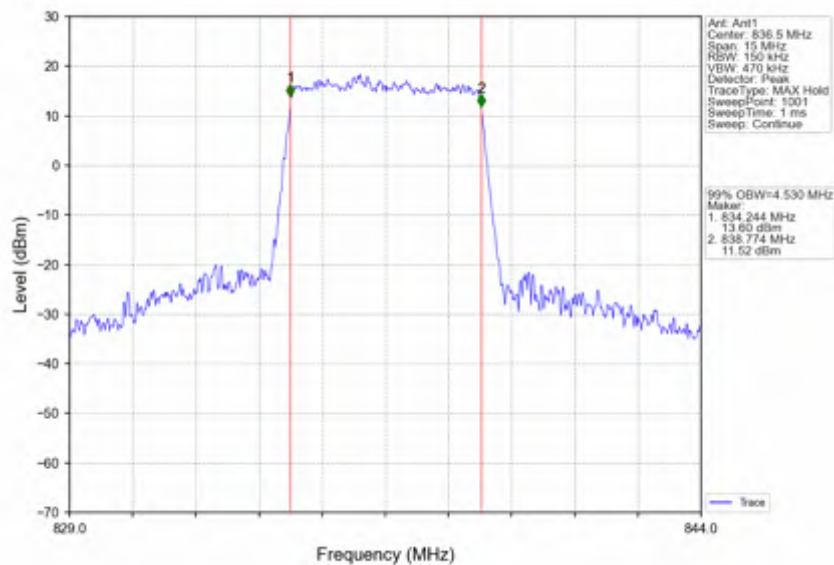
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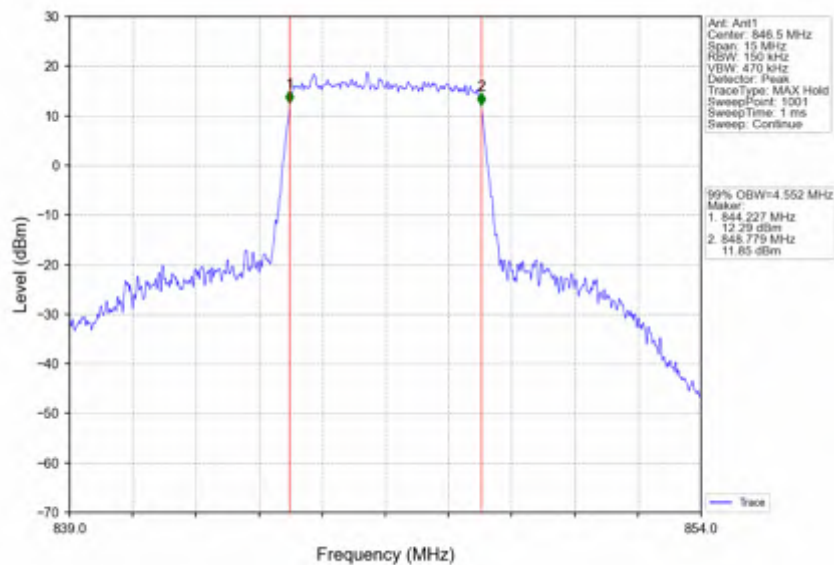
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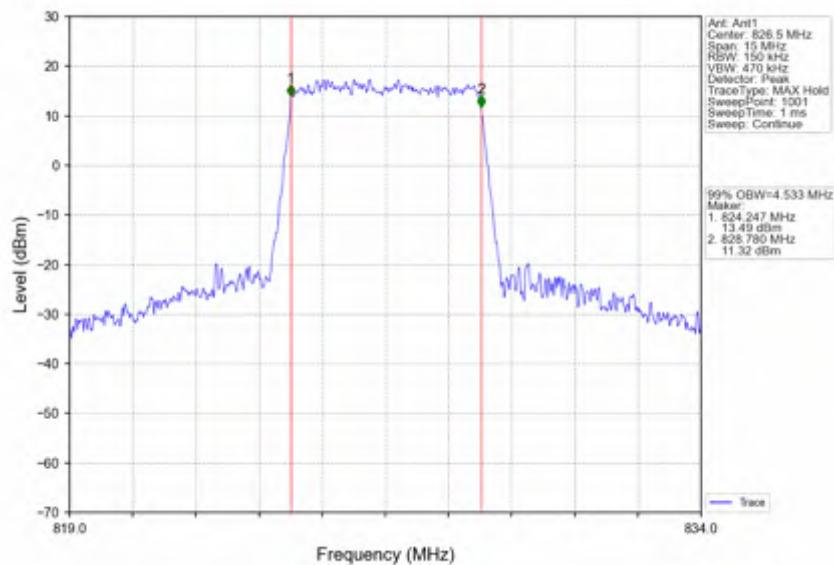
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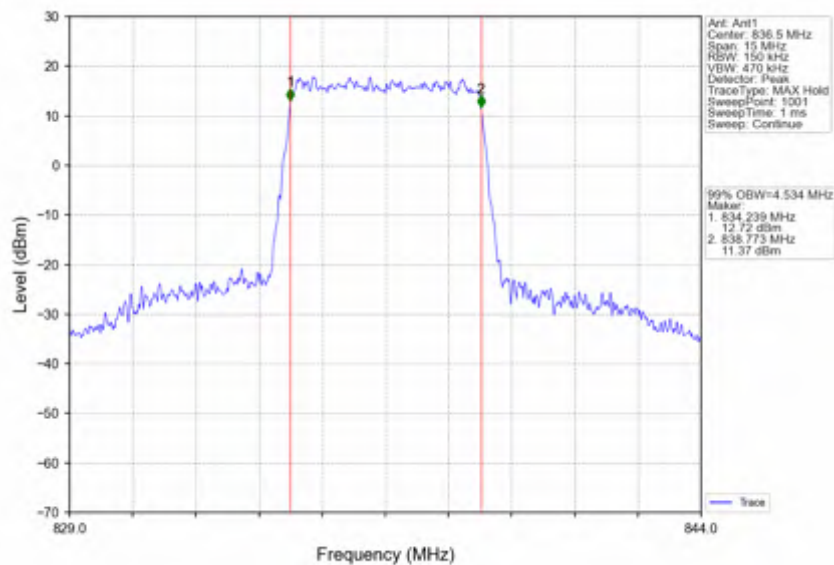
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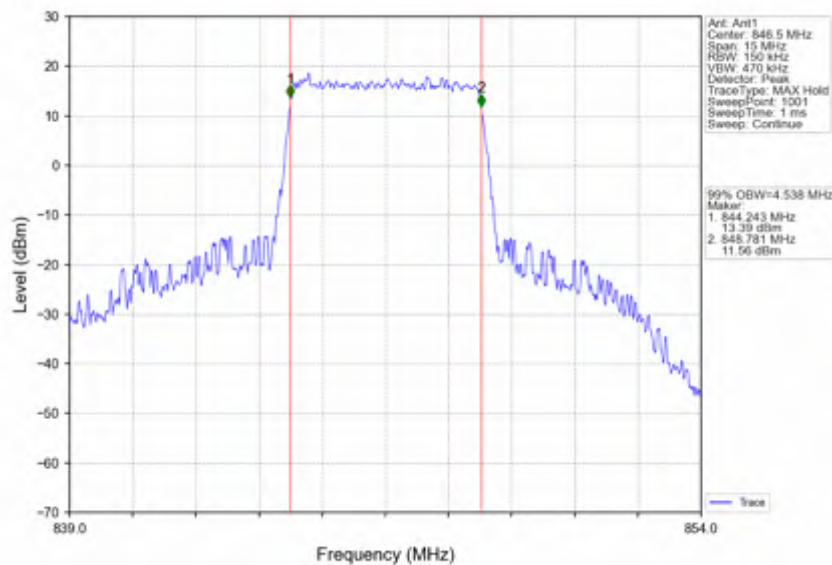
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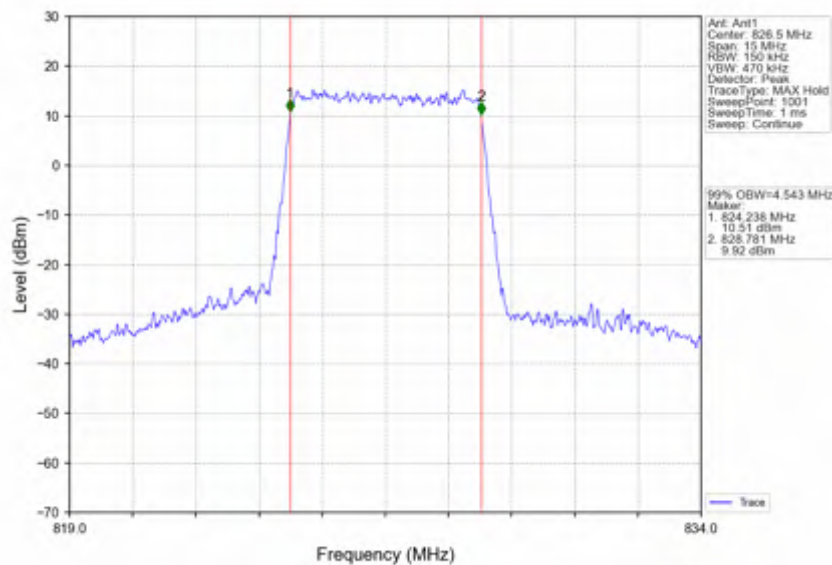
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Band26b_5MHz_64QAM_HCH_846.5MHz_RB_25_0_NTNV



Band26b_5MHz_256QAM_LCH_826.5MHz_RB_25_0_NTNV



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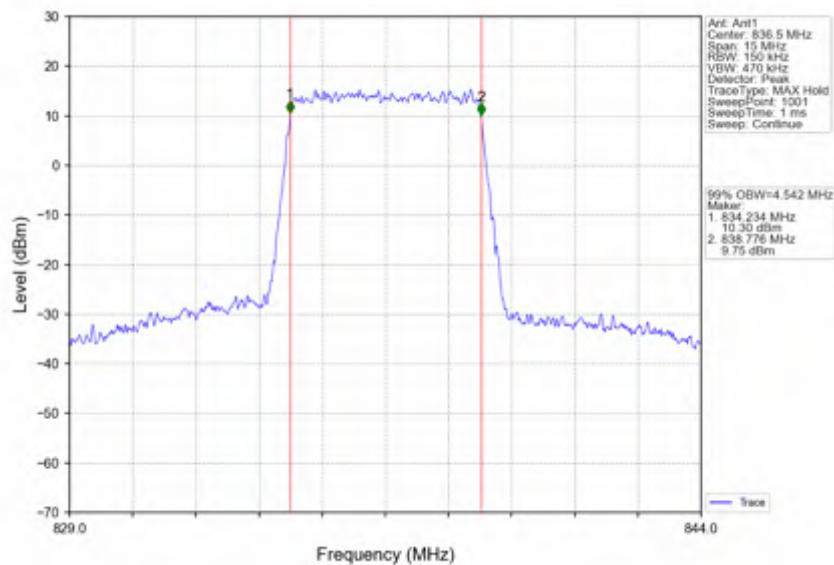
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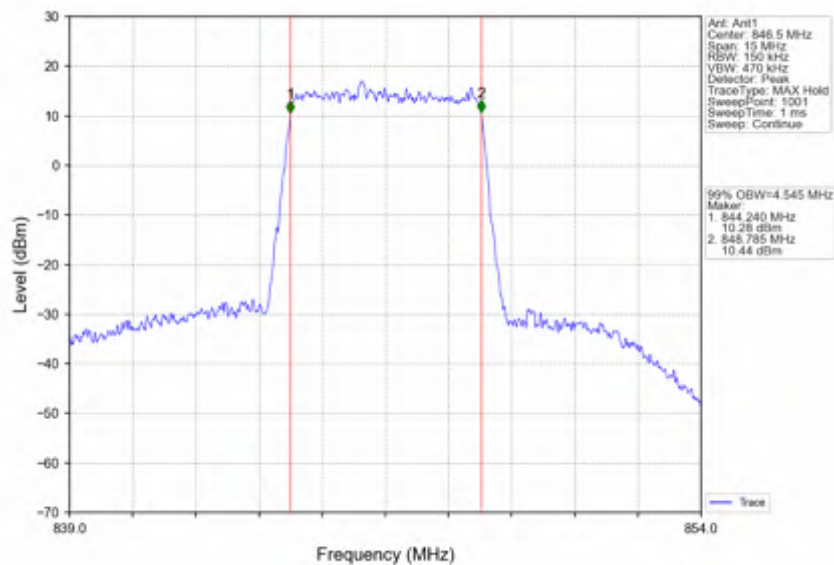
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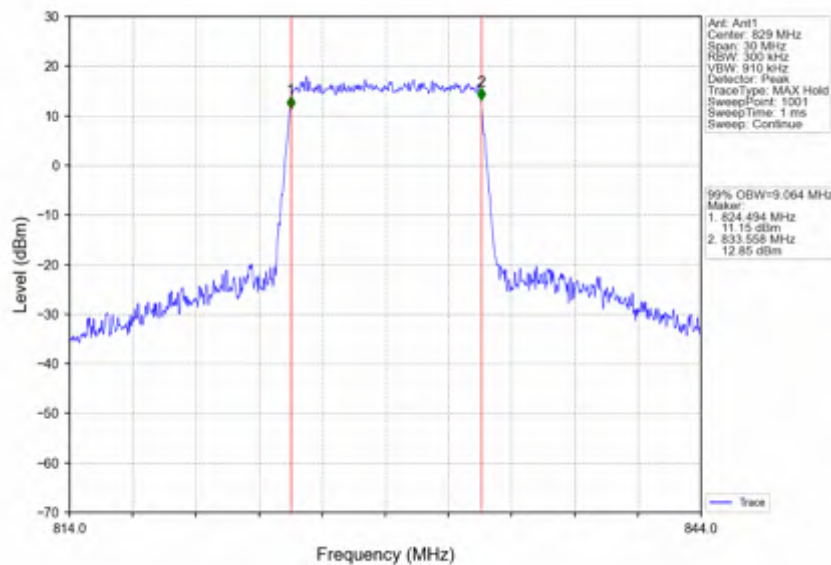
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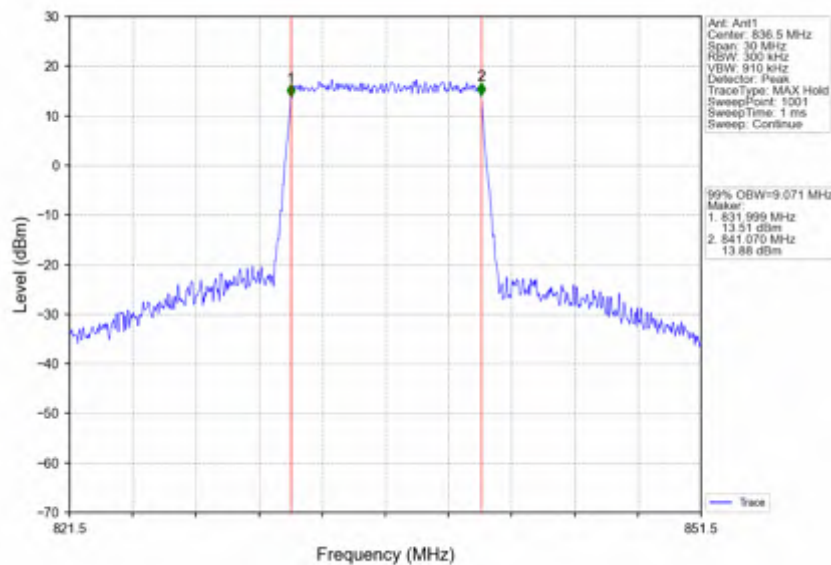
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Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Band26b_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



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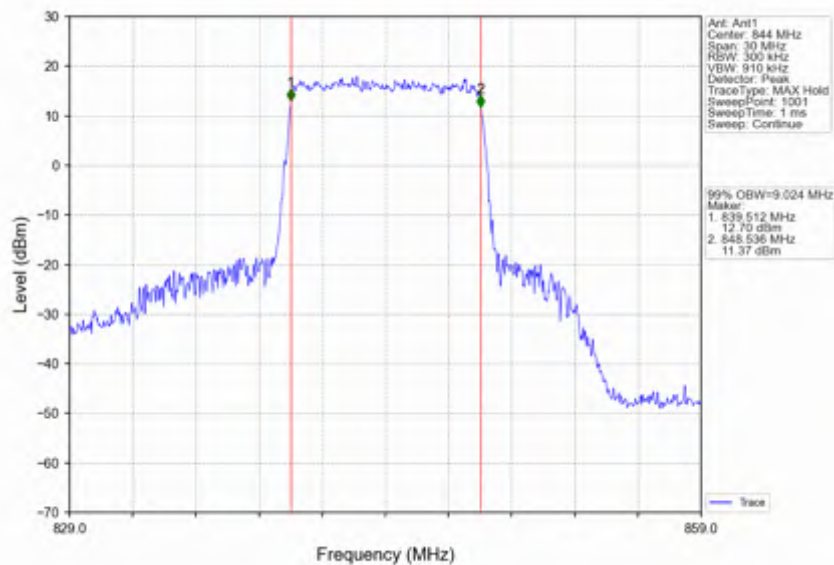
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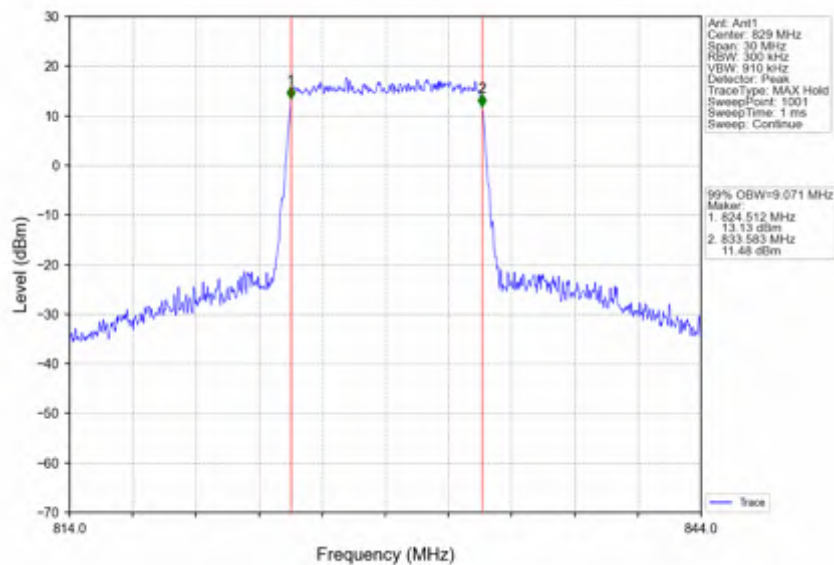
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Band26b 10MHz QPSK HCH 844MHz RB 50 0 NTNV



Band26b 10MHz 16QAM LCH 829MHz RB 50 0 NTNV



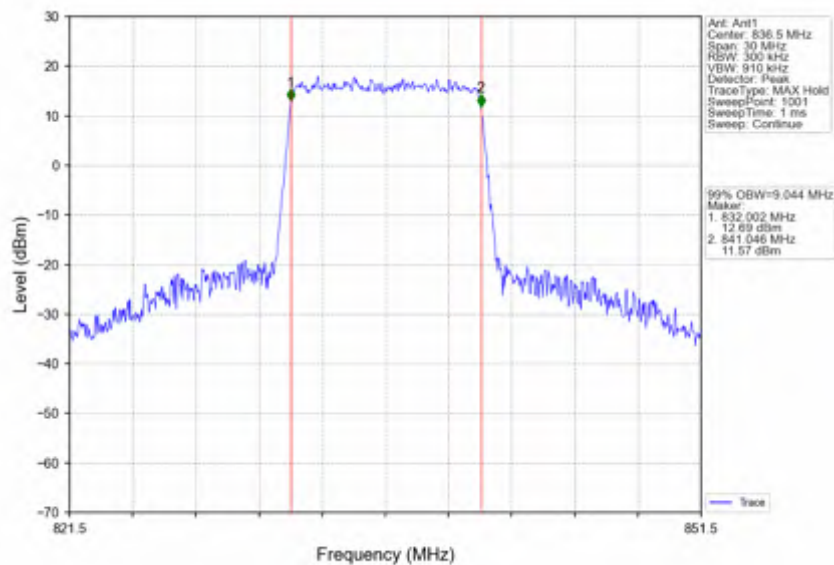
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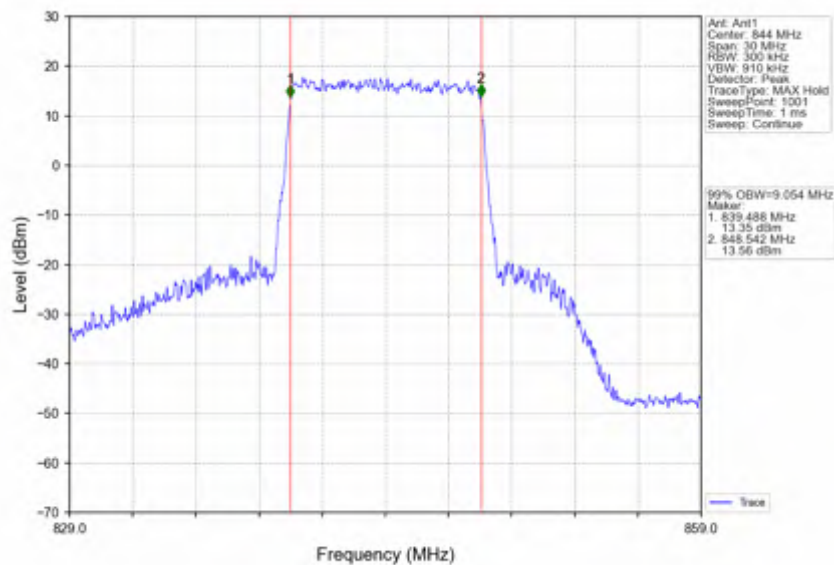
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Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



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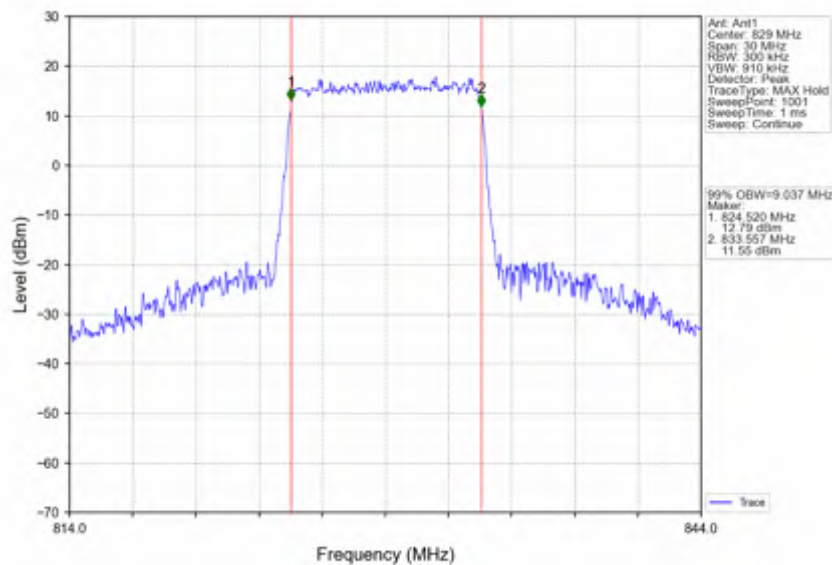
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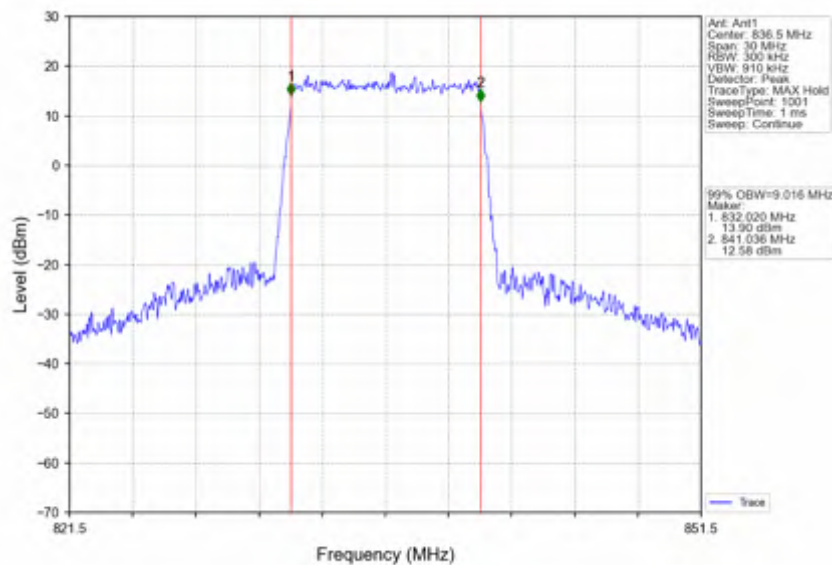
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Band26b_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band26b_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



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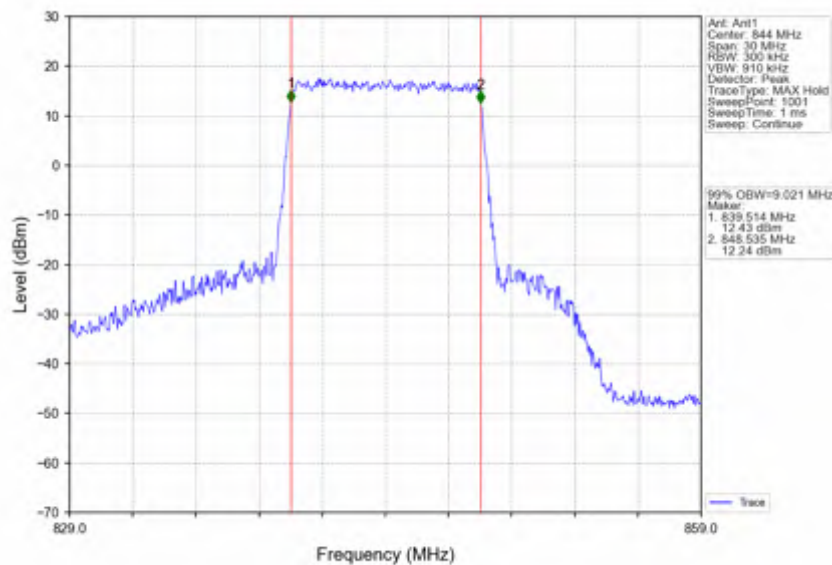
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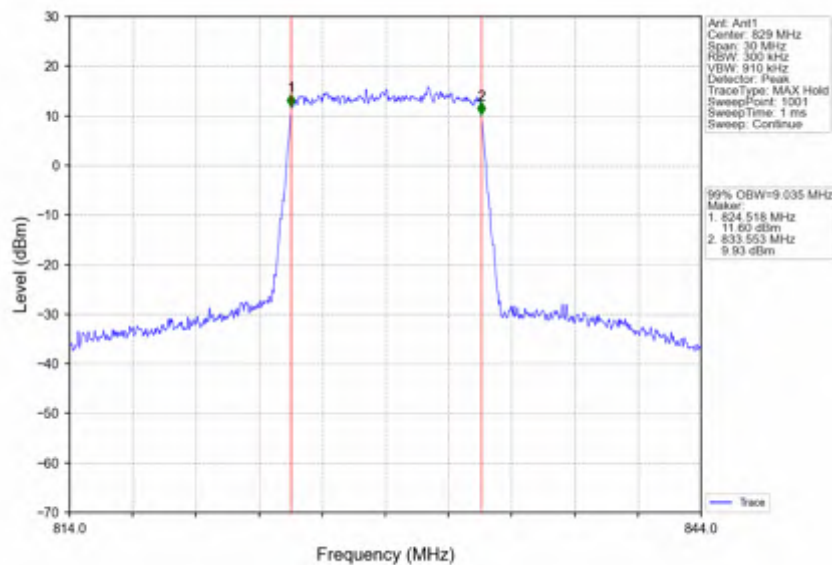
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Band26b_10MHz_64QAM_HCH_844MHz_RB_50_0_NTNV



Band26b_10MHz_256QAM_LCH_829MHz_RB_50_0_NTNV



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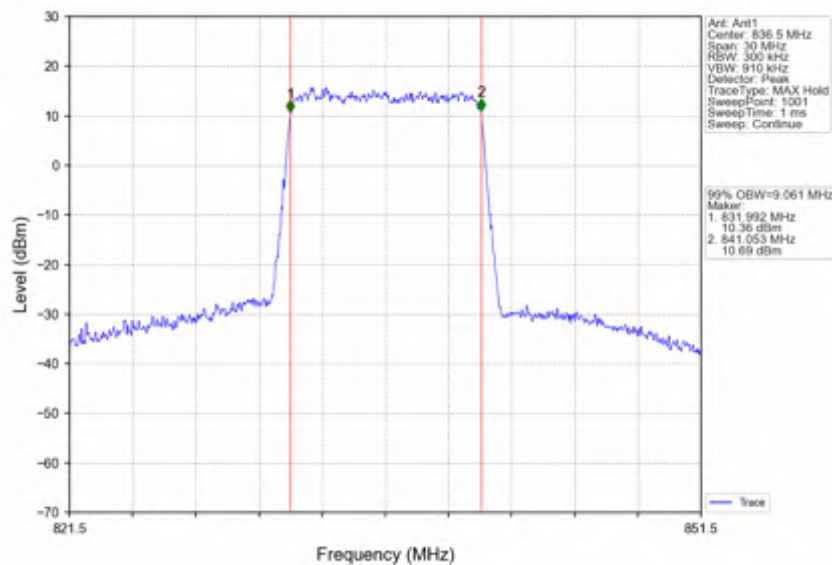
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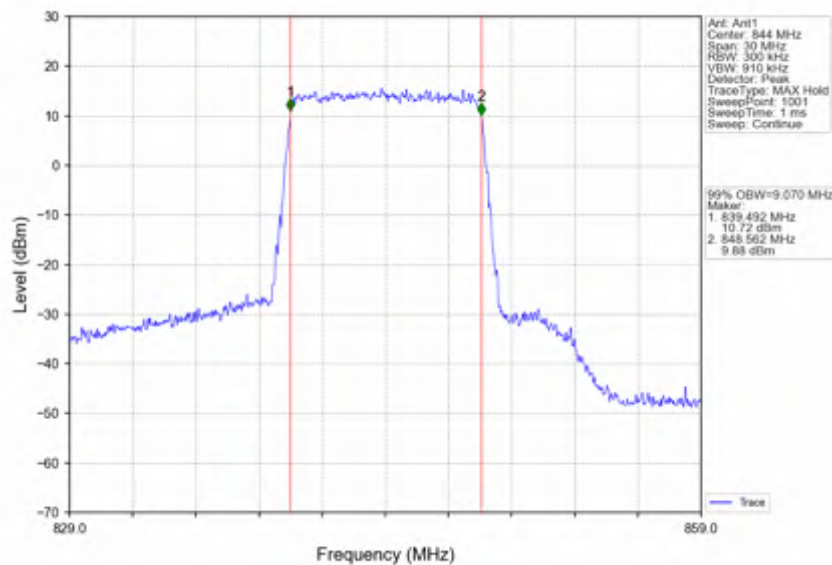
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Band26b_10MHz_256QAM_MCH_836.5MHz_RB_50_0_NTNV



Band26b_10MHz_256QAM_HCH_844MHz_RB_50_0_NTNV



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7.2 Band26b XDB

7.2.1 Test Result

Band: 26b / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.327	Pass
		836.5	6	0	1.341	Pass
		848.3	6	0	1.333	Pass
	16QAM	824.7	6	0	1.343	Pass
		836.5	6	0	1.320	Pass
		848.3	6	0	1.317	Pass
	64QAM	824.7	6	0	1.321	Pass
		836.5	6	0	1.318	Pass
		848.3	6	0	1.323	Pass
	256QAM	824.7	6	0	1.329	Pass
		836.5	6	0	1.330	Pass
		848.3	6	0	1.344	Pass
3	QPSK	825.5	15	0	3.010	Pass
		836.5	15	0	3.010	Pass
		847.5	15	0	3.004	Pass
	16QAM	825.5	15	0	2.998	Pass
		836.5	15	0	3.004	Pass
		847.5	15	0	2.996	Pass
	64QAM	825.5	15	0	2.998	Pass
		836.5	15	0	3.002	Pass
		847.5	15	0	3.003	Pass
	256QAM	825.5	15	0	3.006	Pass
		836.5	15	0	3.043	Pass
		847.5	15	0	3.003	Pass
5	QPSK	826.5	25	0	5.078	Pass
		836.5	25	0	5.056	Pass
		846.5	25	0	5.050	Pass
	16QAM	826.5	25	0	5.081	Pass
		836.5	25	0	5.028	Pass
		846.5	25	0	5.077	Pass
	64QAM	826.5	25	0	5.073	Pass
		836.5	25	0	5.070	Pass
		846.5	25	0	5.090	Pass
	256QAM	826.5	25	0	5.086	Pass
		836.5	25	0	5.089	Pass
		846.5	25	0	4.999	Pass
10	QPSK	829	50	0	9.969	Pass
		836.5	50	0	9.937	Pass
		844	50	0	9.943	Pass
	16QAM	829	50	0	9.931	Pass
		836.5	50	0	9.989	Pass
		844	50	0	10.008	Pass
	64QAM	829	50	0	9.846	Pass
		836.5	50	0	9.934	Pass
		844	50	0	9.973	Pass
	256QAM	829	50	0	9.920	Pass



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		836.5	50	0	9.937	Pass
		844	50	0	10.050	Pass



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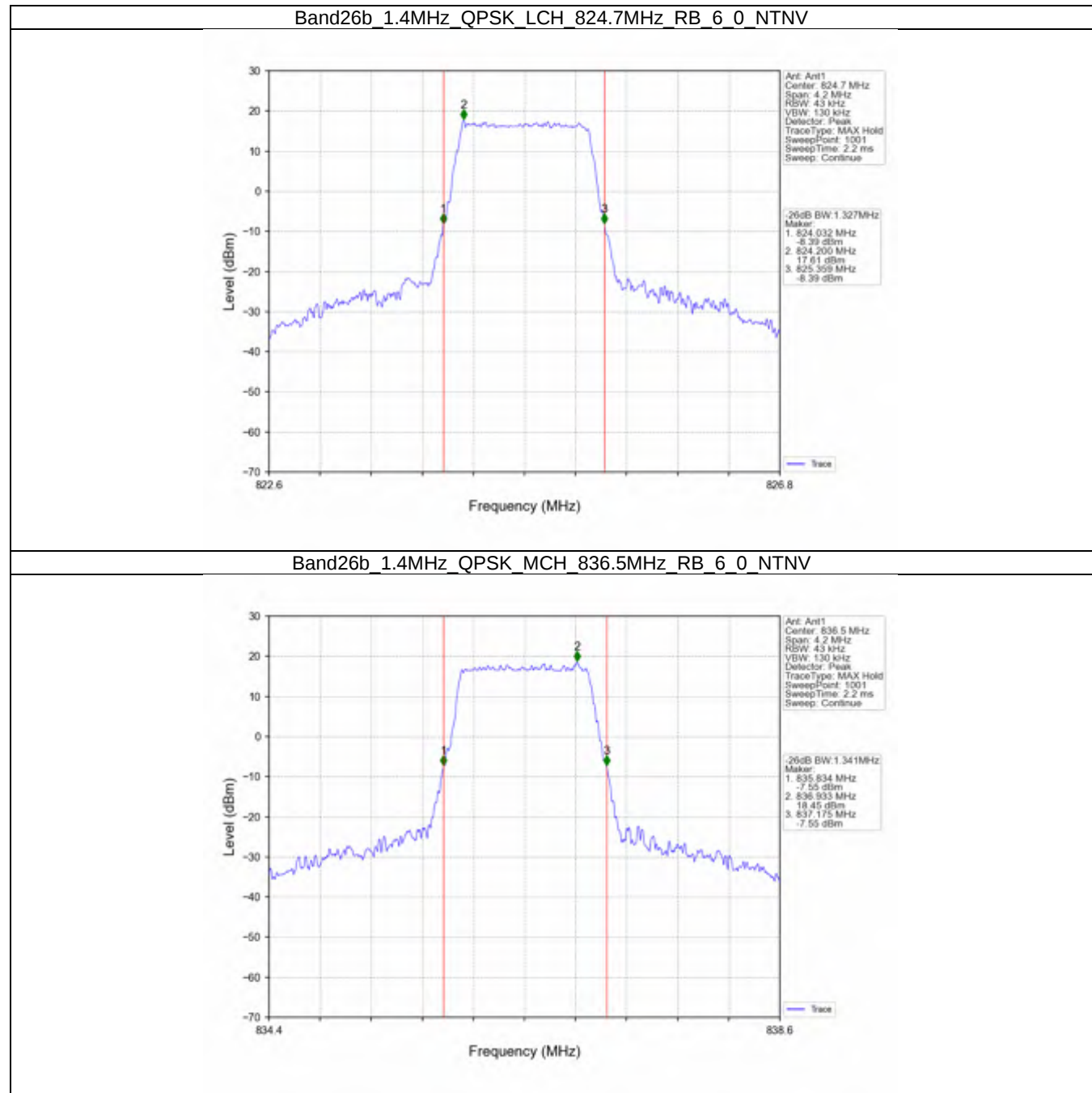
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7.2.2 Test Graph



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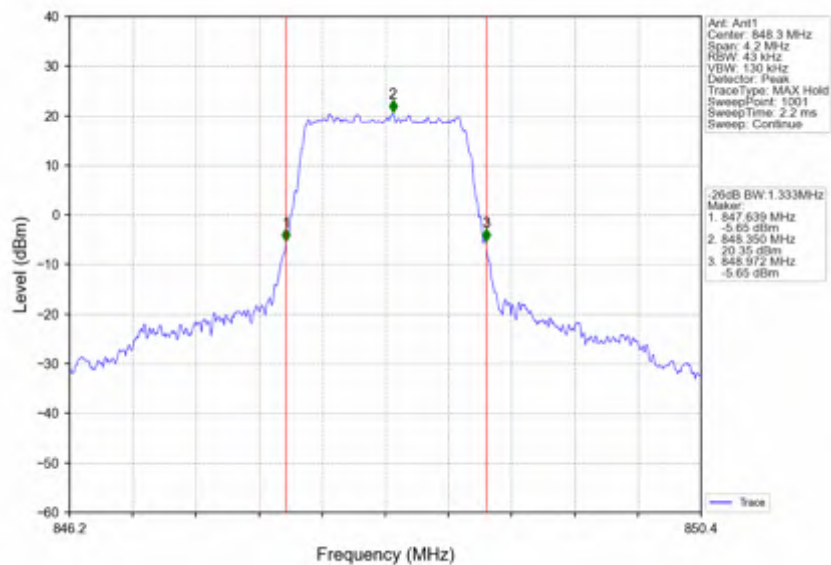
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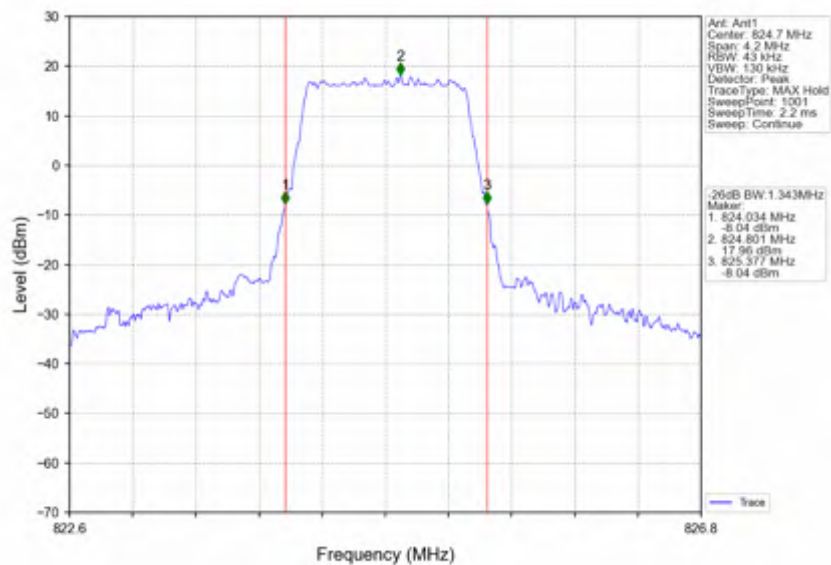
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Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



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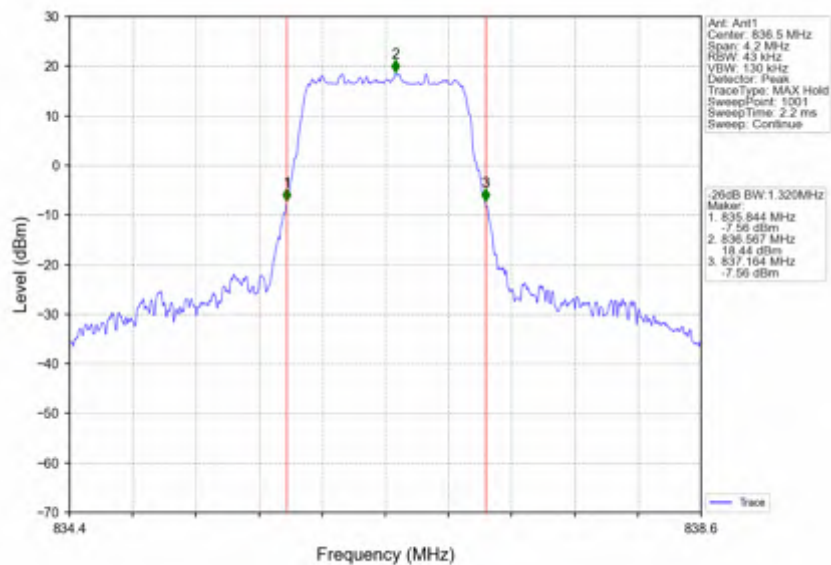
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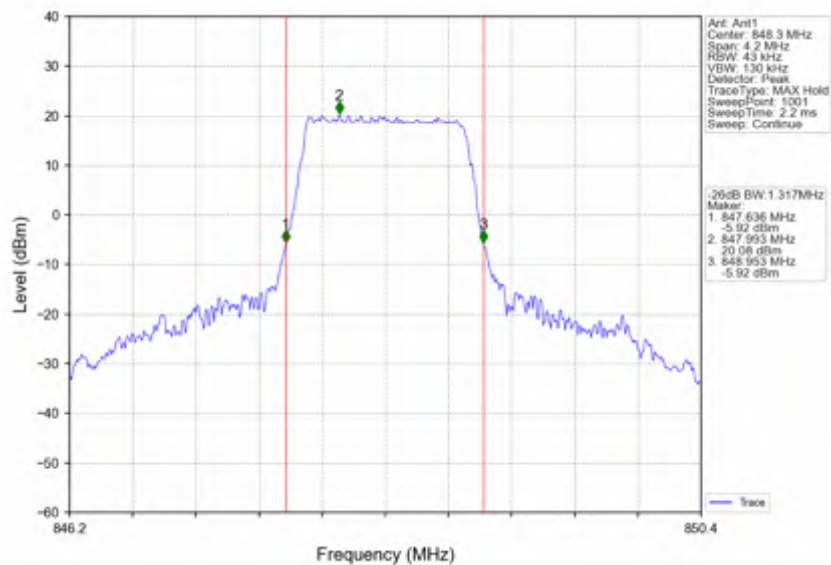
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Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



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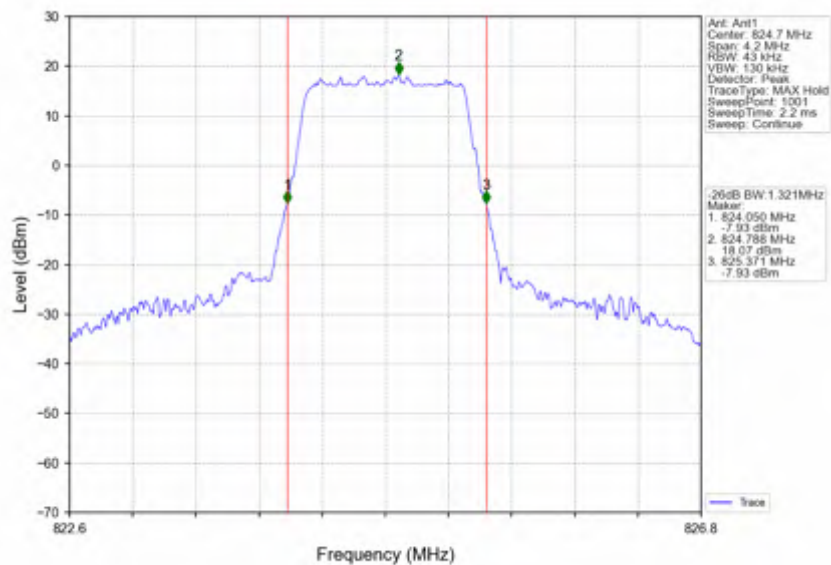
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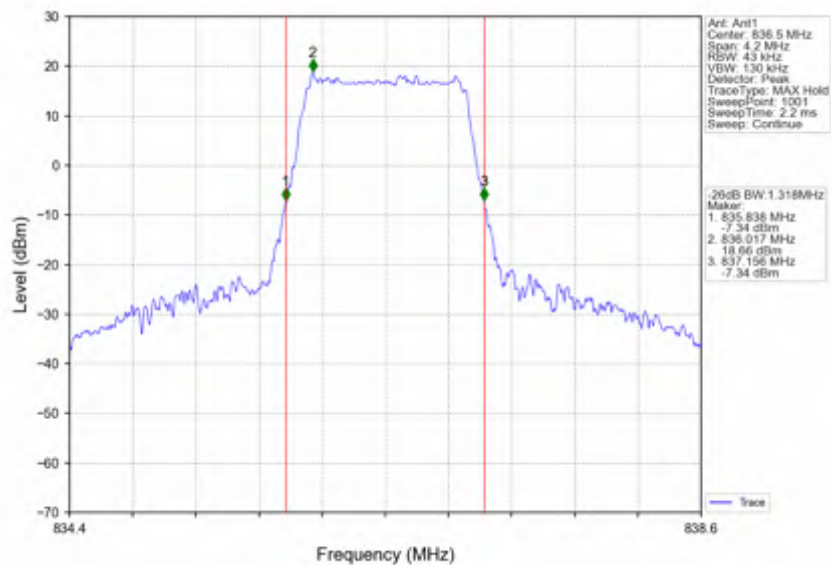
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Band26b_1.4MHz_64QAM_LCH_824.7MHz_RB_6_0_NTNV



Band26b_1.4MHz_64QAM_MCH_836.5MHz_RB_6_0_NTNV



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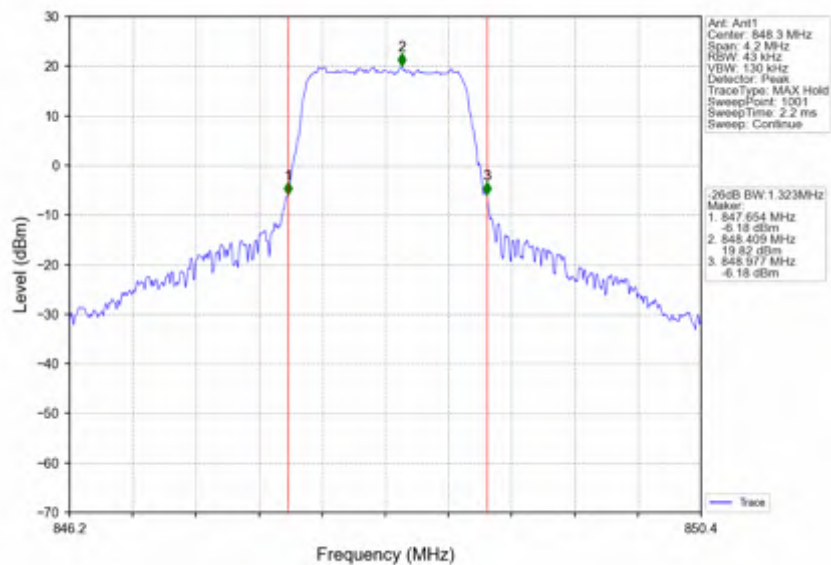
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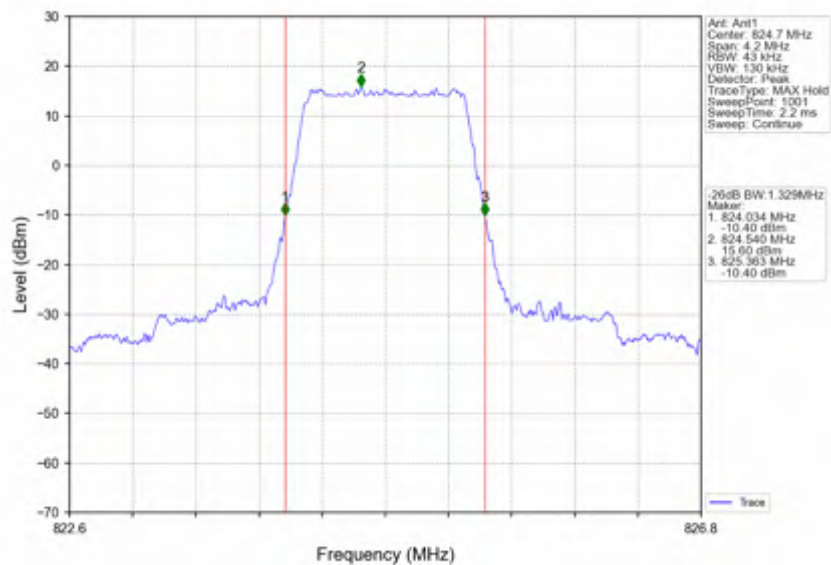
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Band26b_1.4MHz_64QAM_HCH_848.3MHz_RB_6_0_NTNV



Band26b_1.4MHz_256QAM_LCH_824.7MHz_RB_6_0_NTNV



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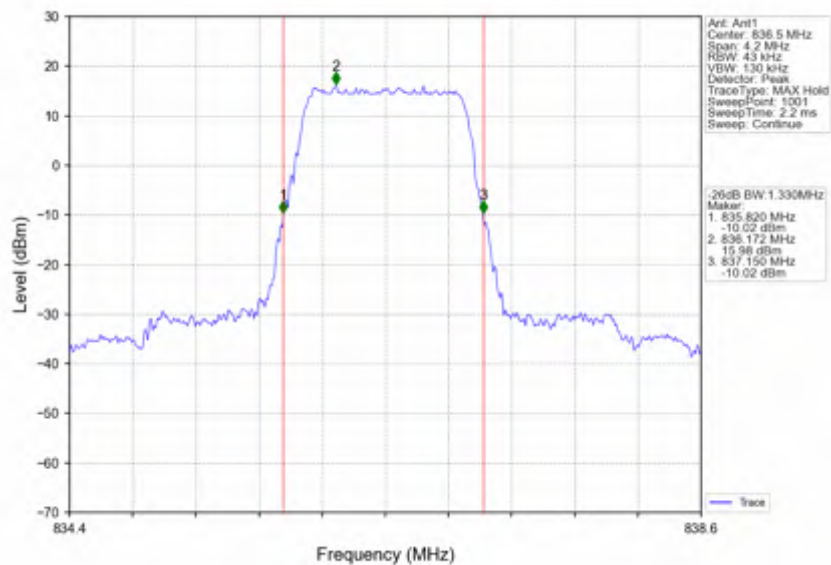
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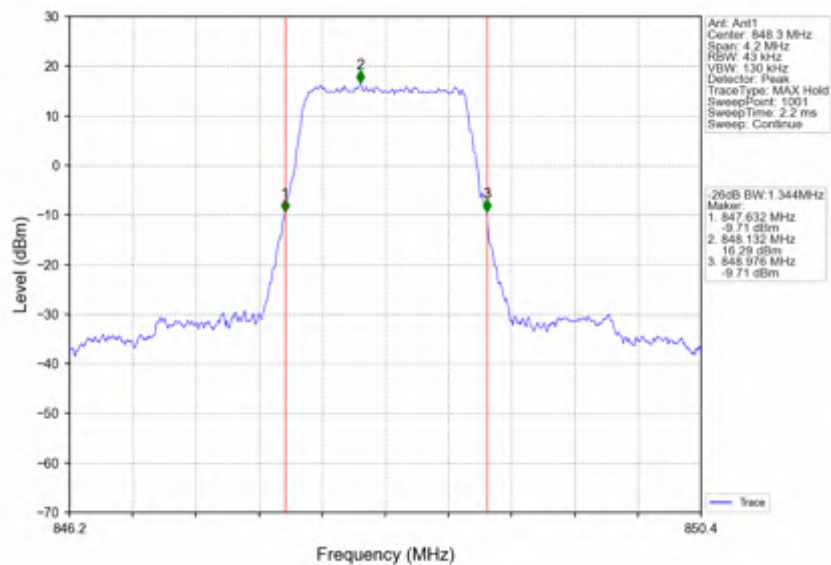
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Band26b_1.4MHz_256QAM_MCH_836.5MHz_RB_6_0_NTNV



Band26b_1.4MHz_256QAM_HCH_848.3MHz_RB_6_0_NTNV



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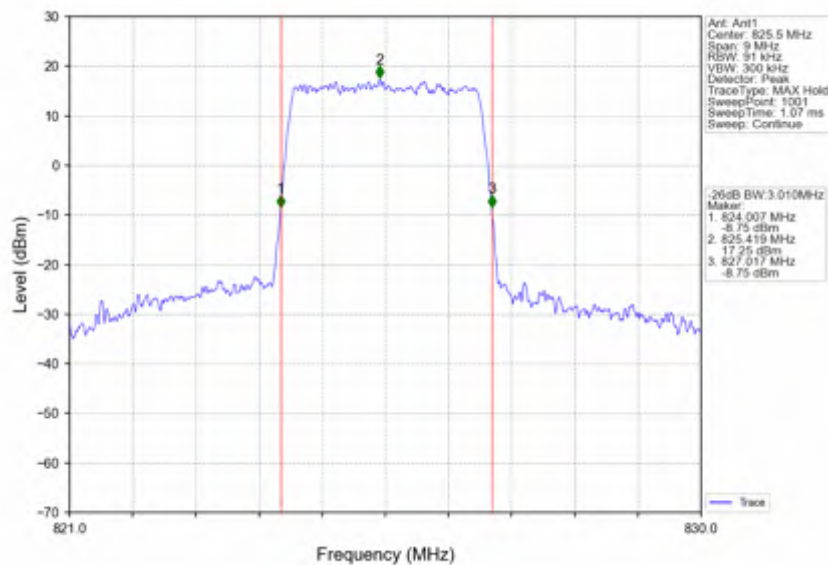
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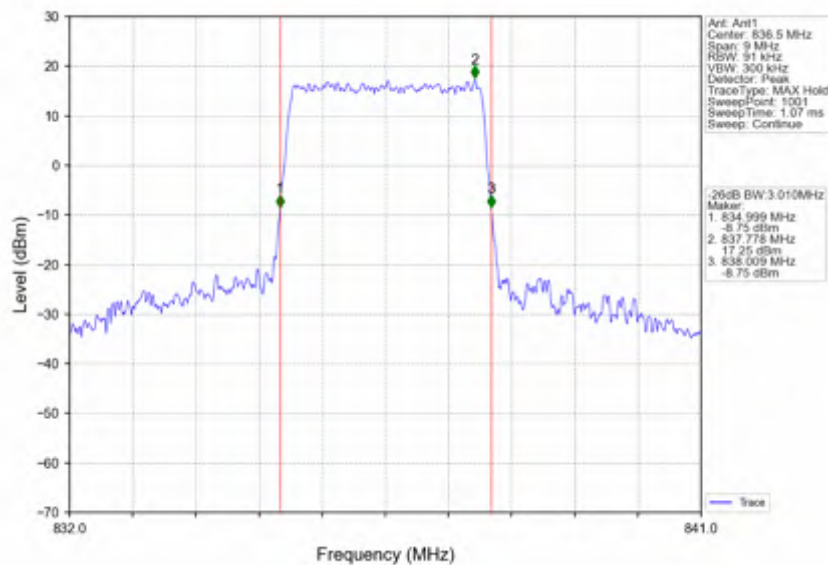
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Band26b_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



Band26b_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



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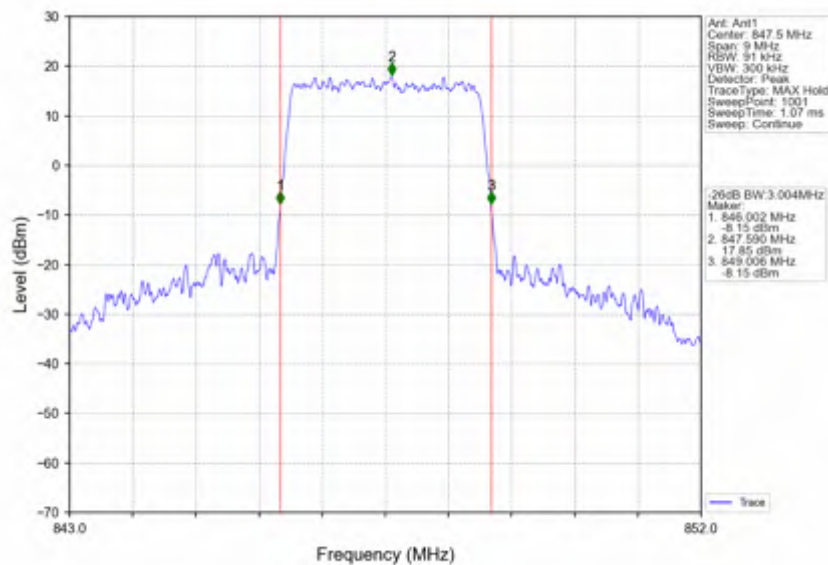
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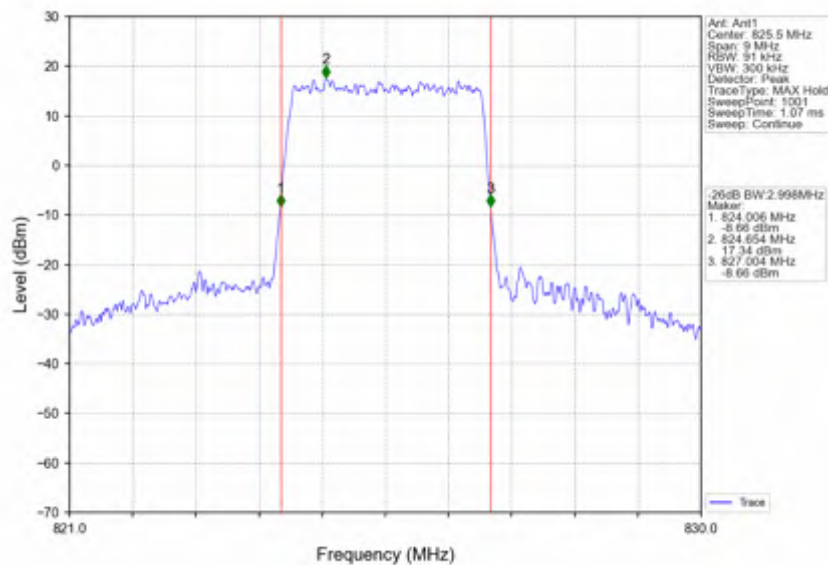
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Band26b_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



Band26b_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



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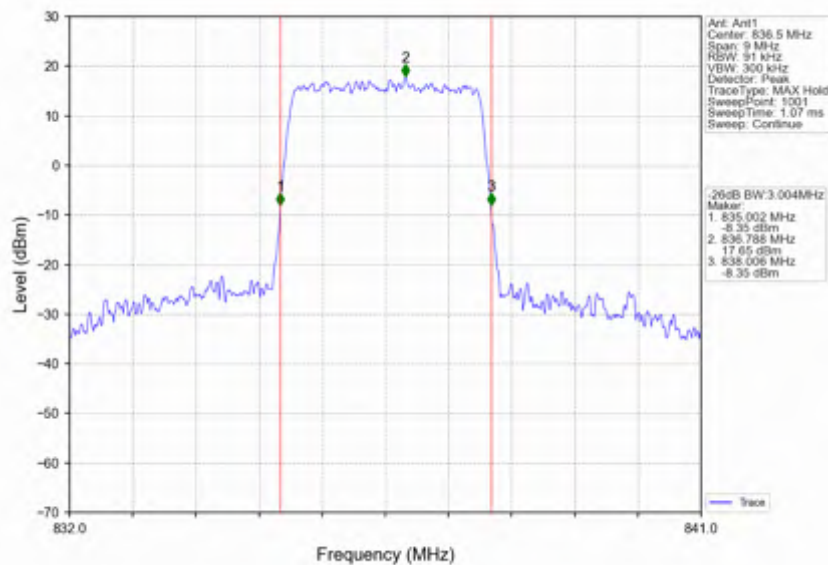
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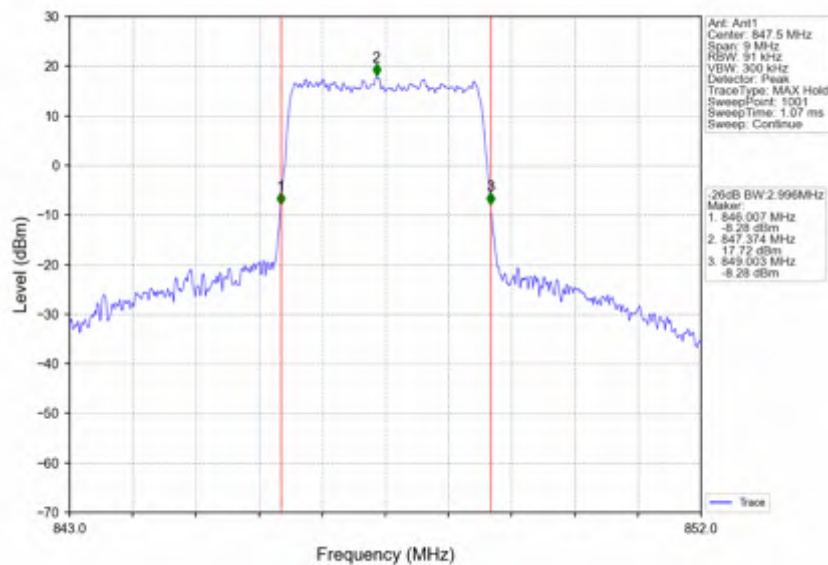
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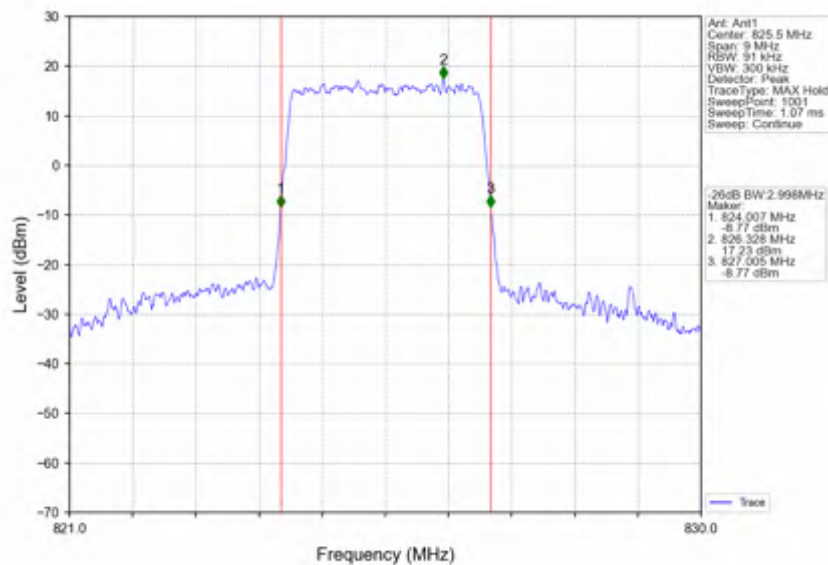
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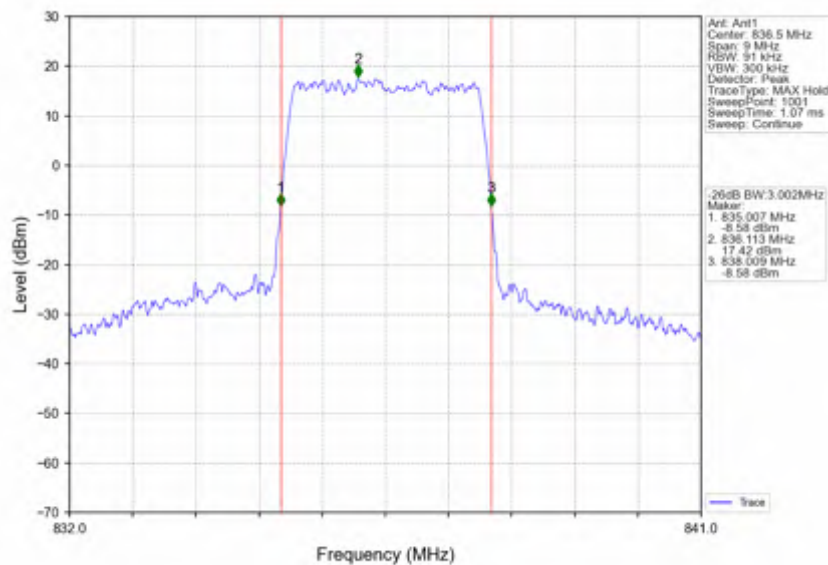
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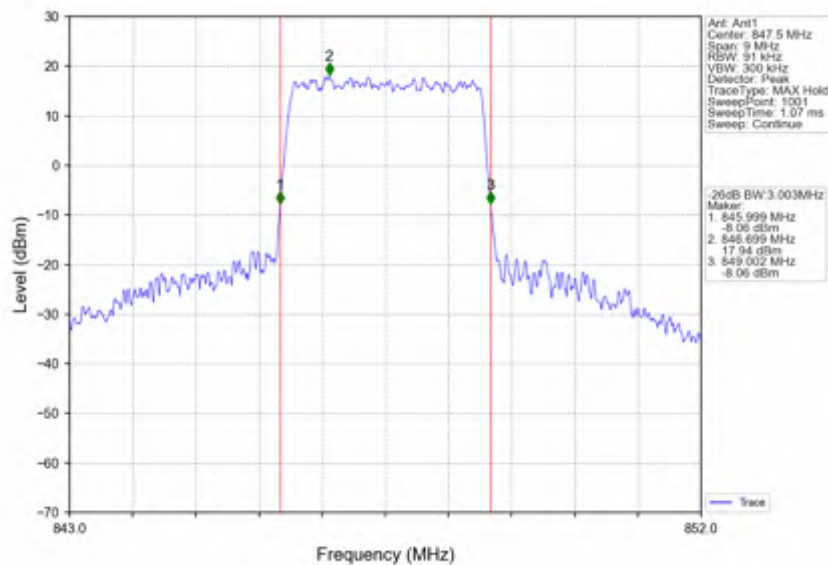
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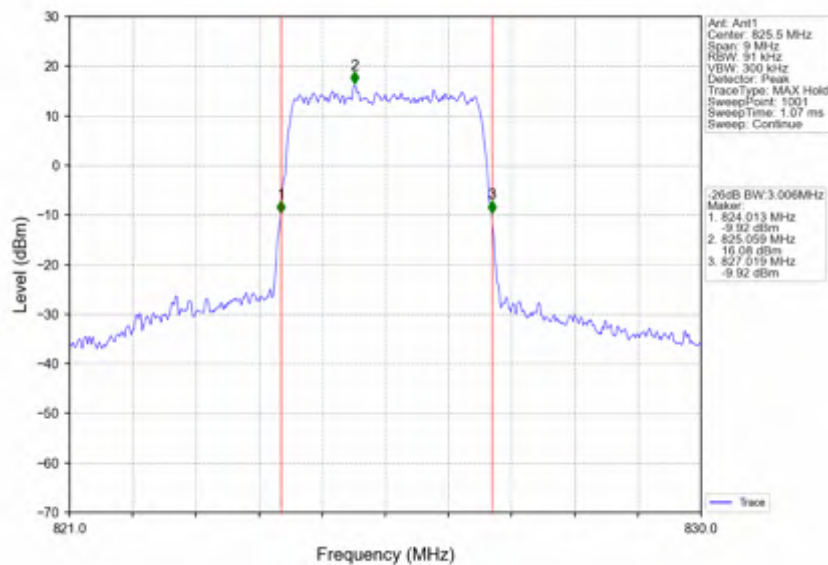
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Band26b_3MHz_256QAM_LCH_825.5MHz_RB_15_0_NTNV



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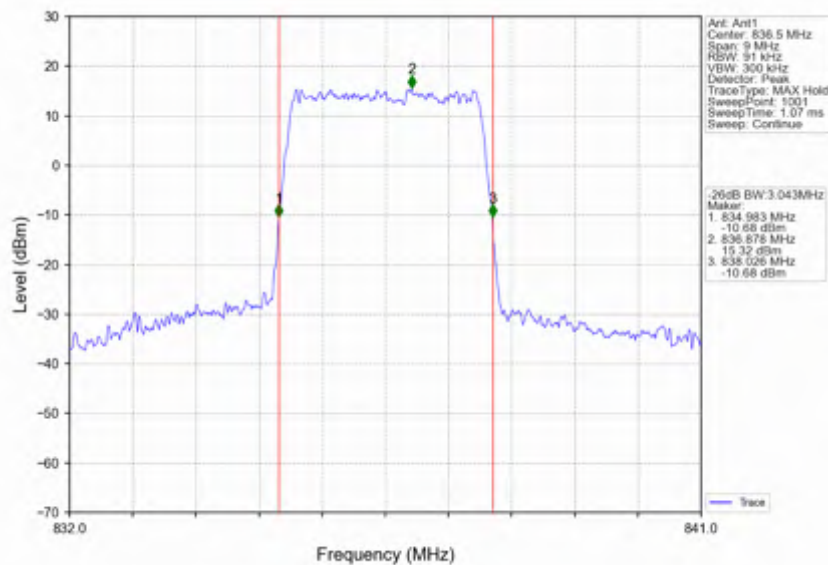
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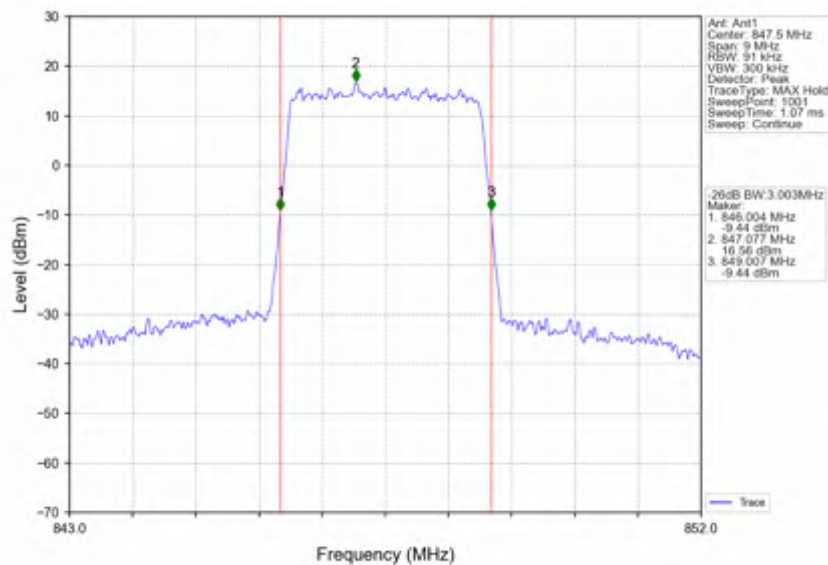
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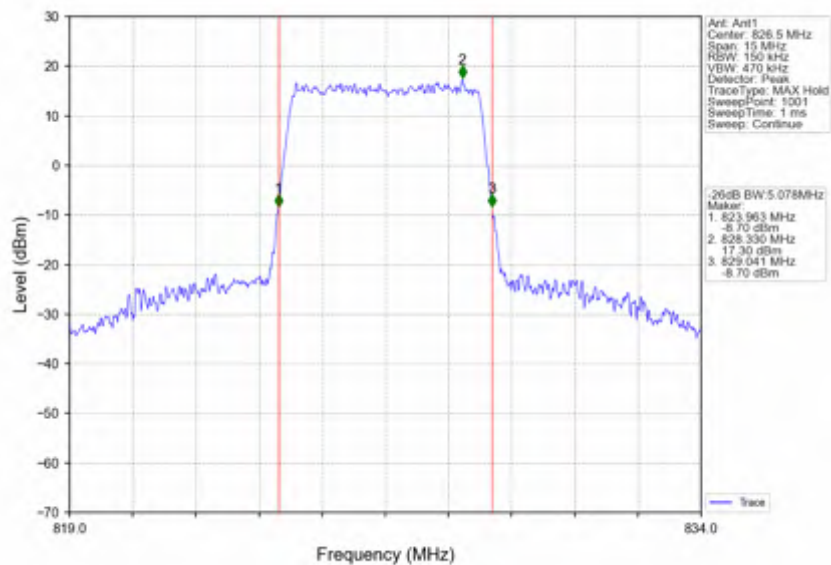
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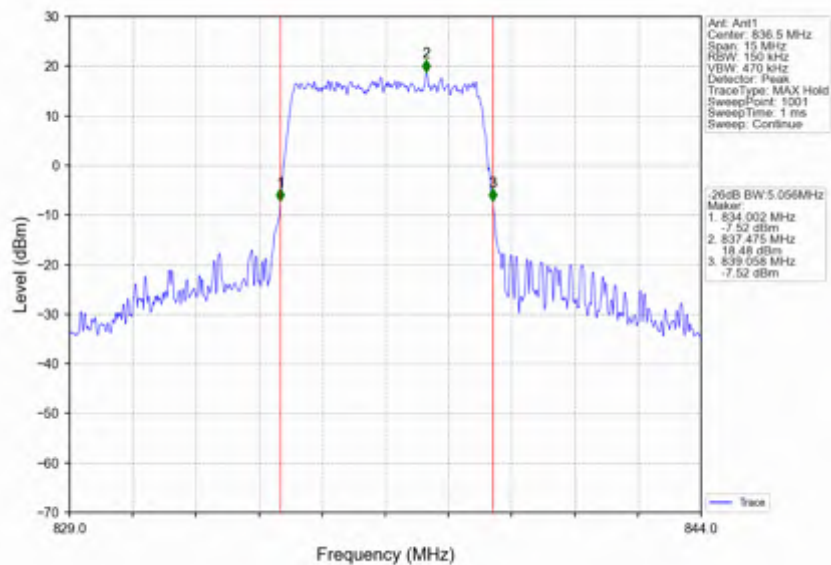
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Band26b_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



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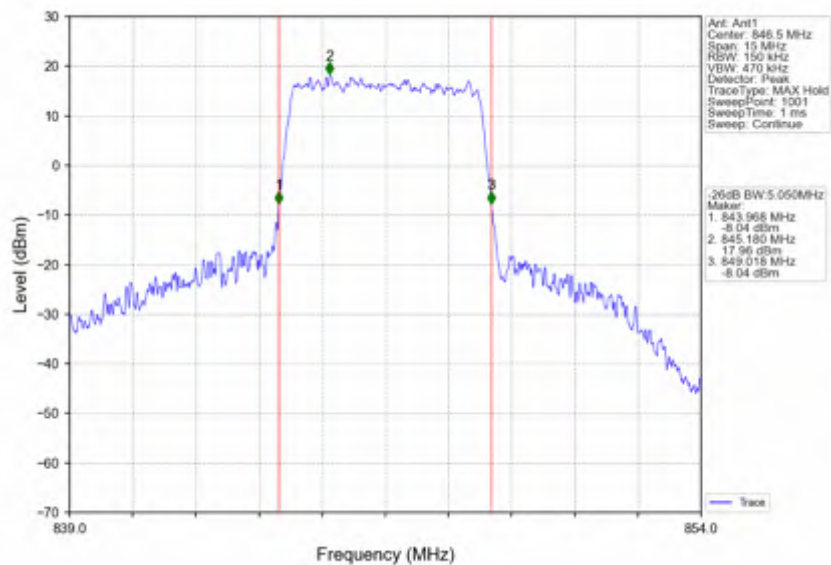
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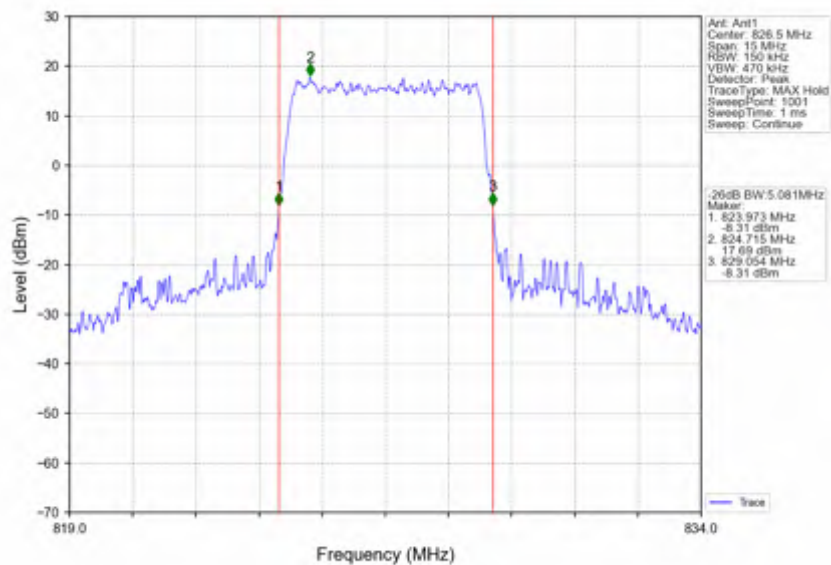
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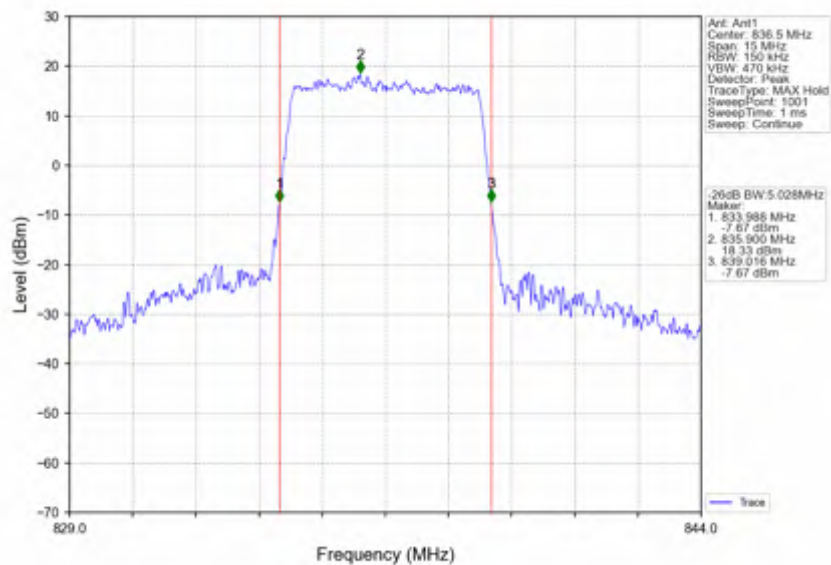
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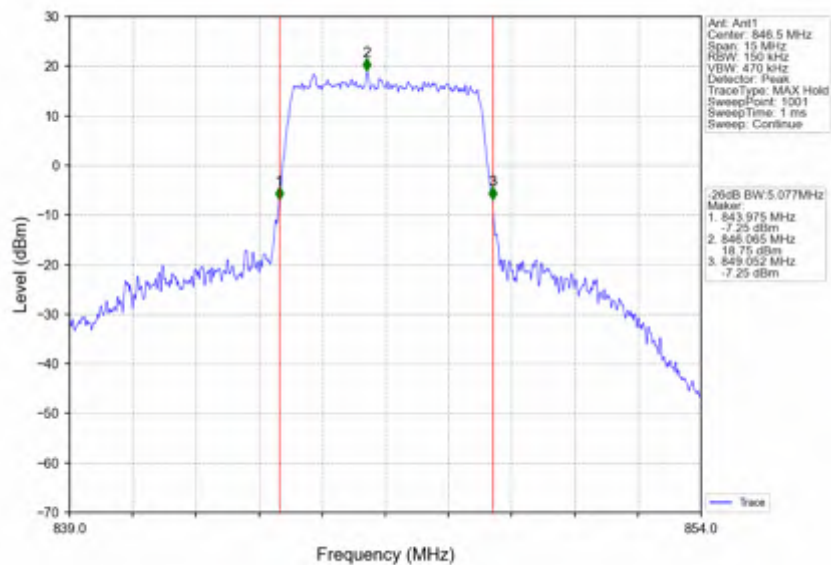
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Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



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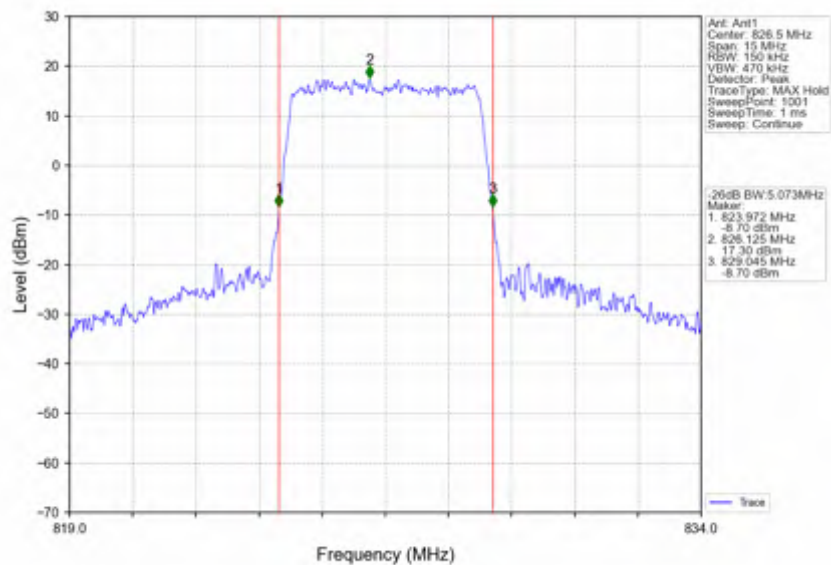
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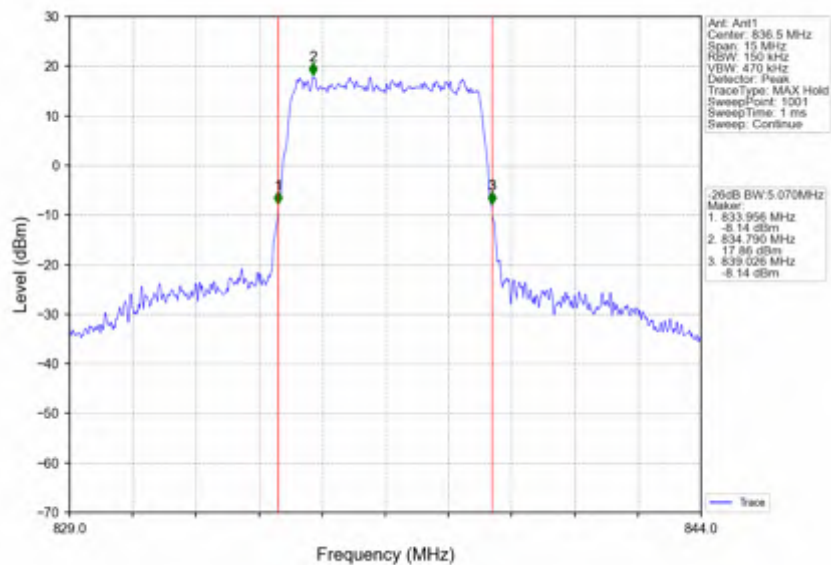
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Band26b_5MHz_64QAM_LCH_826.5MHz_RB_25_0_NTNV



Band26b_5MHz_64QAM_MCH_836.5MHz_RB_25_0_NTNV



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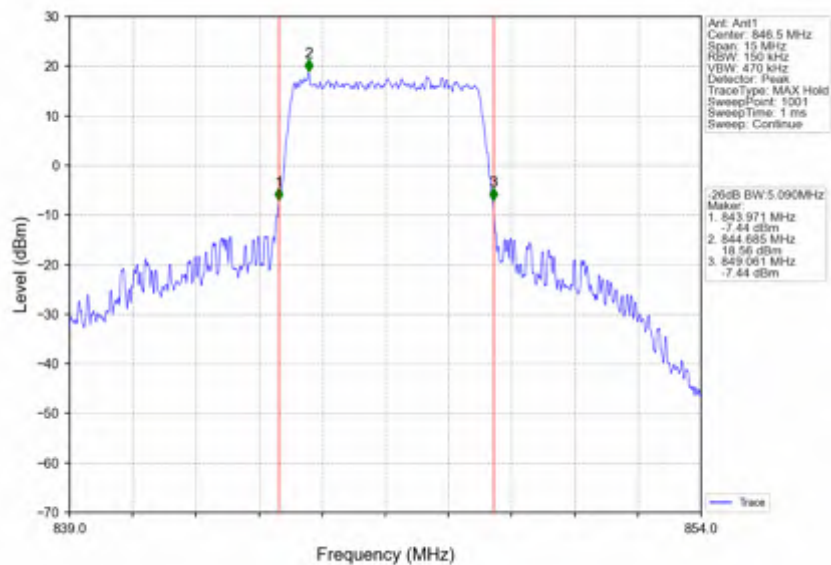
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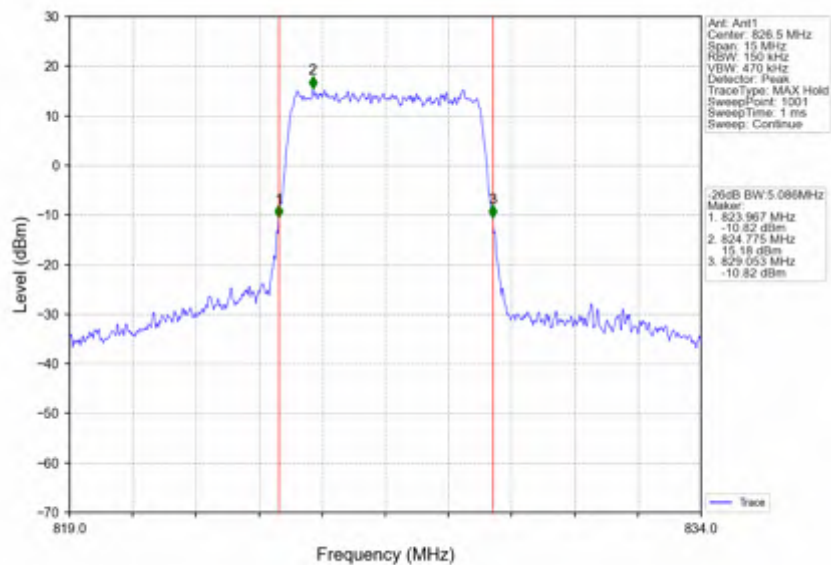
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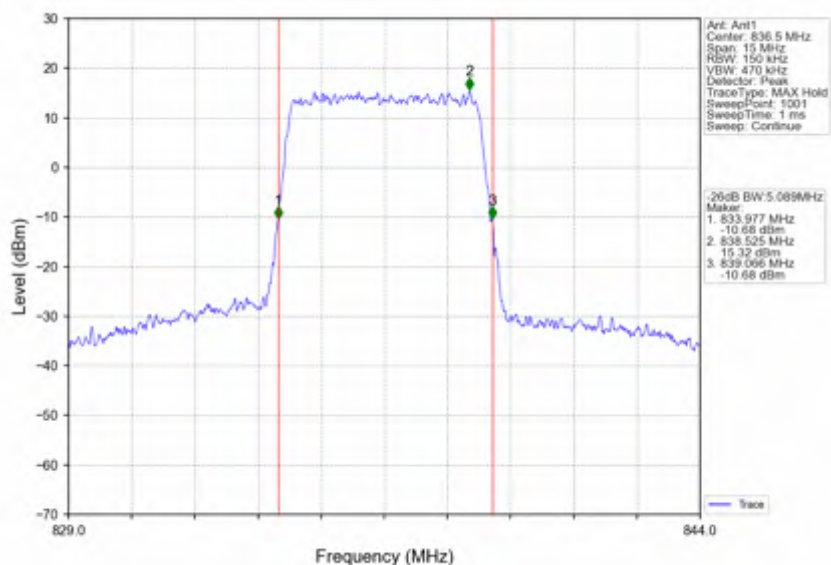
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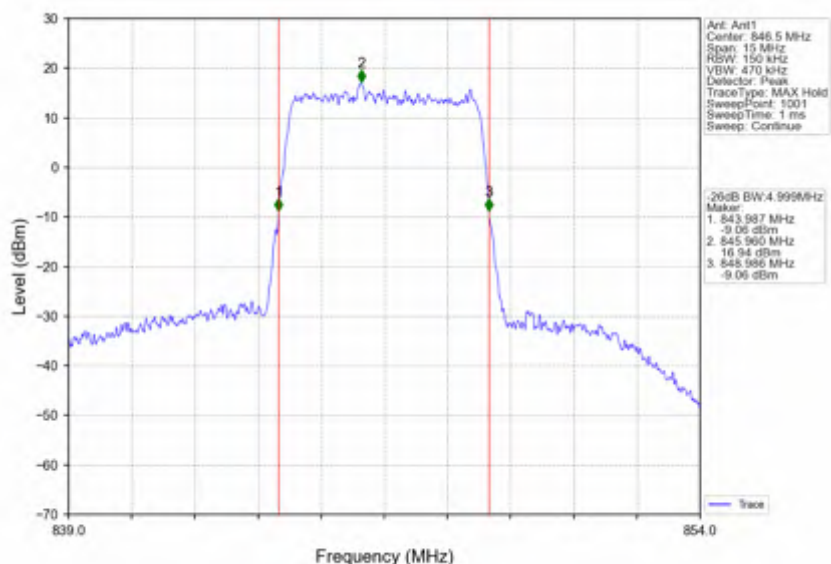
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Band26b 5MHz 256QAM MCH 836.5MHz RB 25 0 NTNV



Band26b	5MHz	256QAM	HCH	846.5MHz	RB	25	0	NTNV
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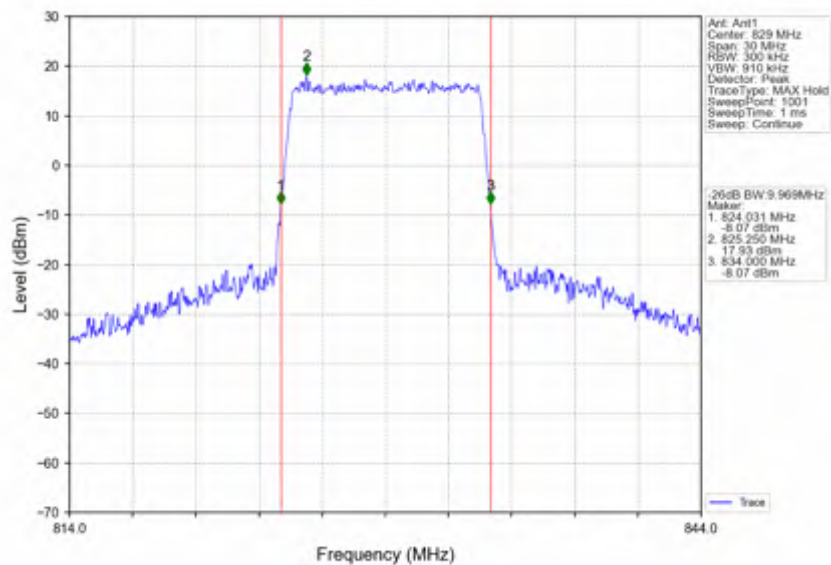


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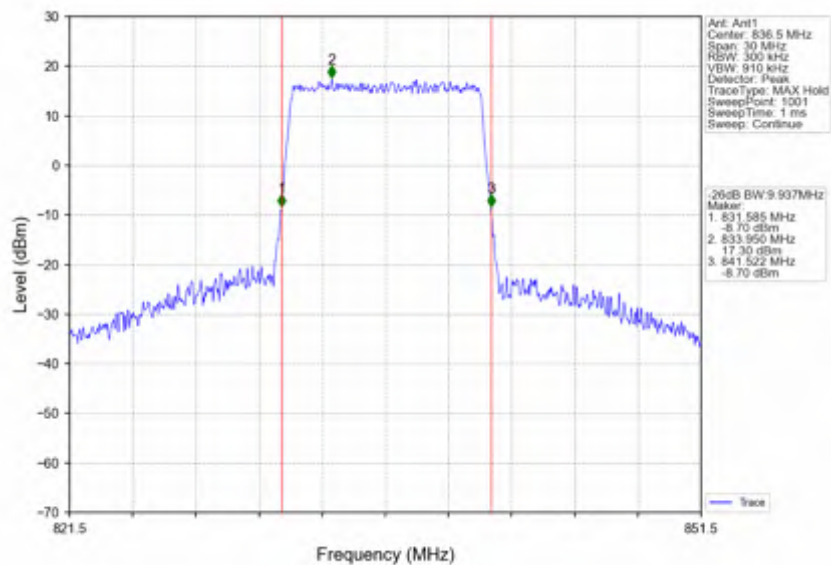
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Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Band26b_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



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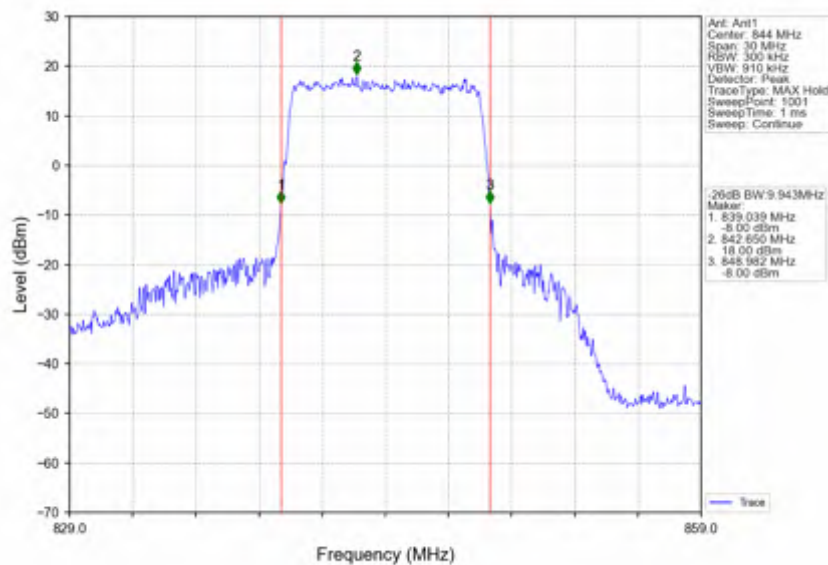
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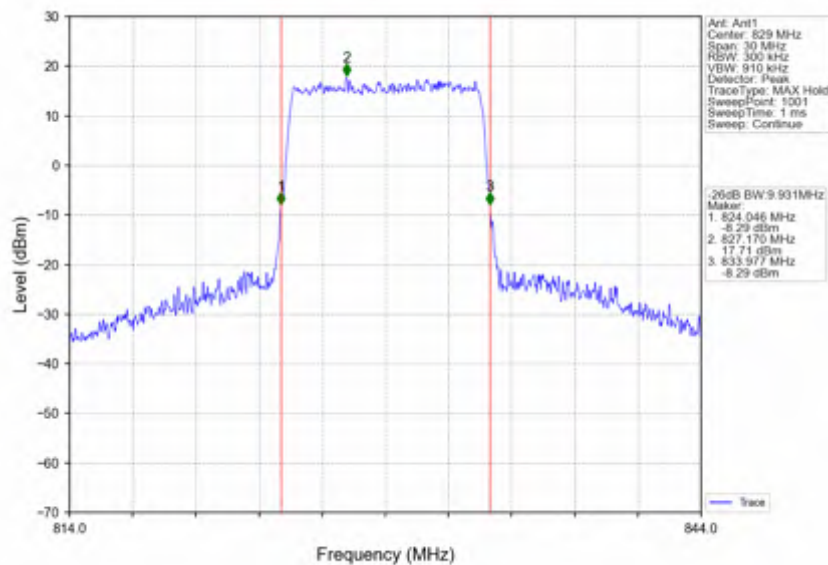
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Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



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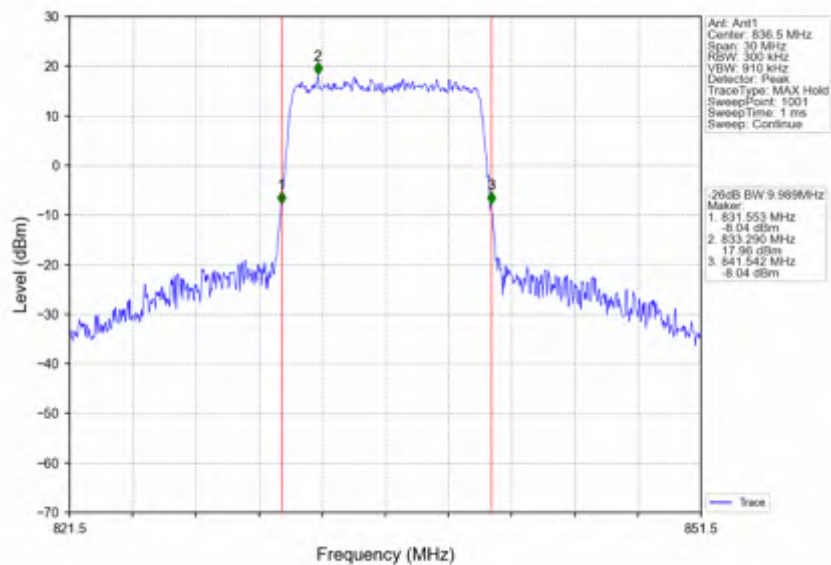
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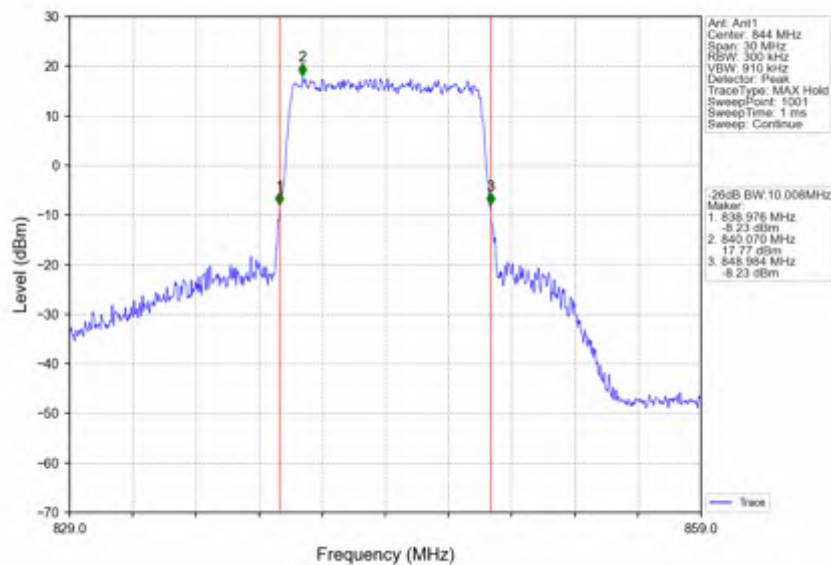
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Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



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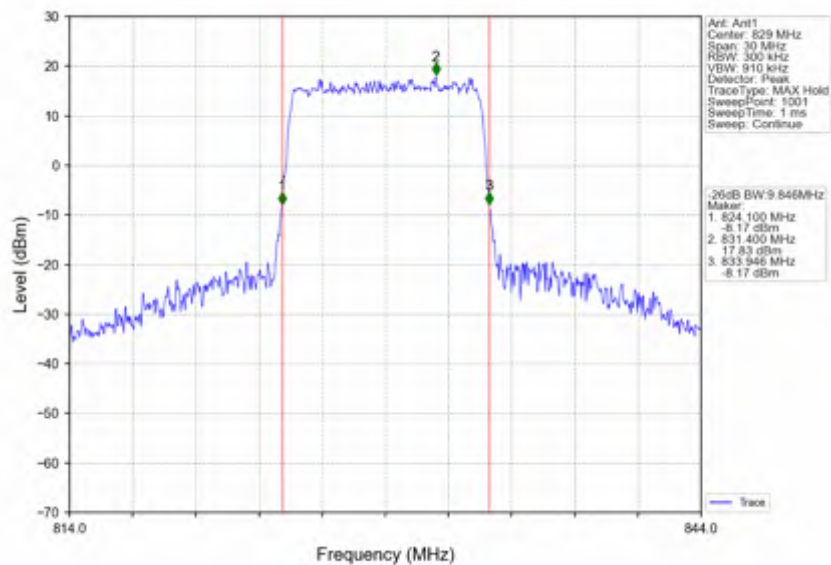
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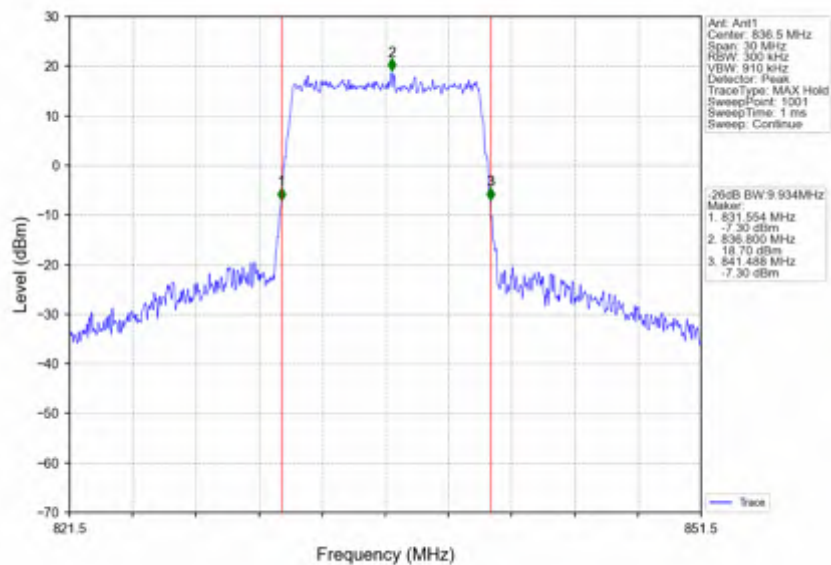
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Band26b_10MHz_64QAM_LCH_829MHz_RB_50_0_NTNV



Band26b_10MHz_64QAM_MCH_836.5MHz_RB_50_0_NTNV



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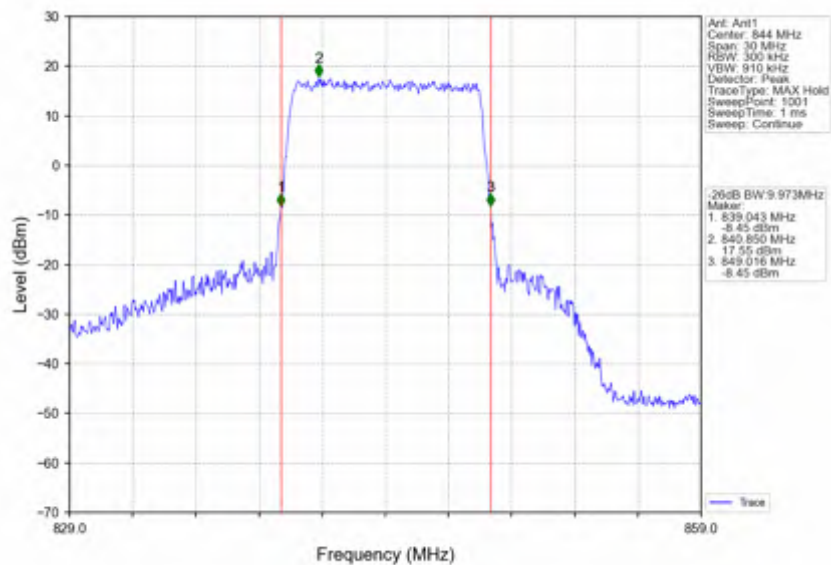
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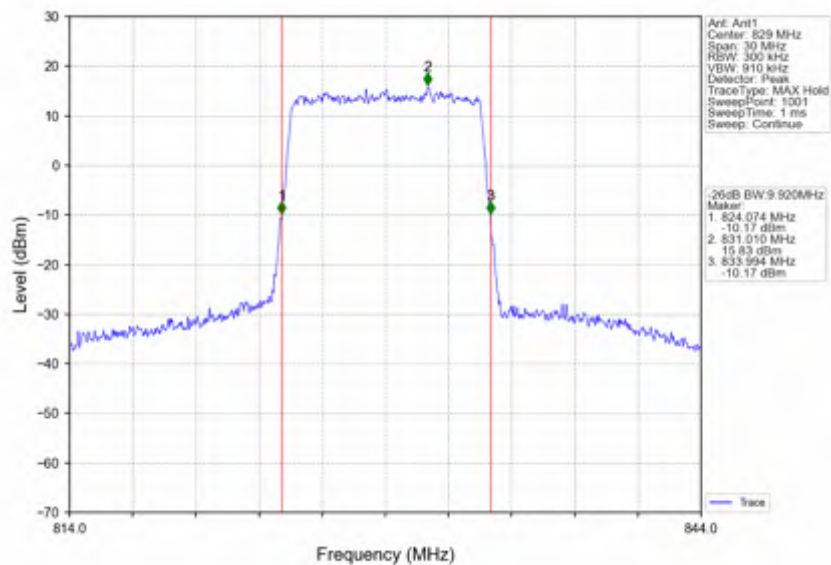
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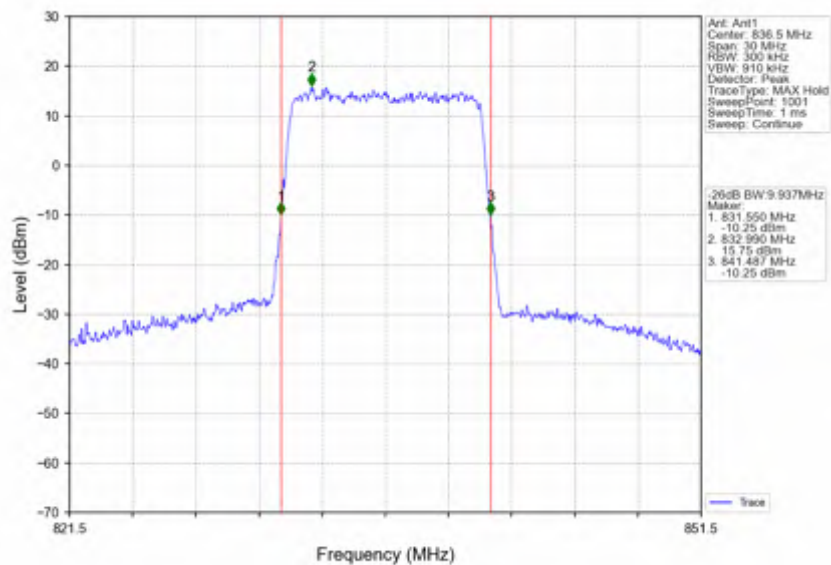
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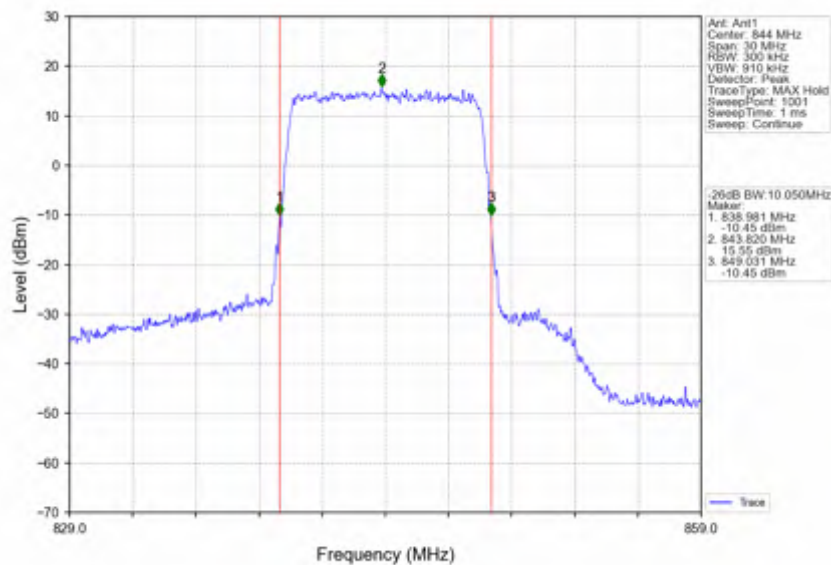
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Band26b_10MHz_256QAM_HCH_844MHz_RB_50_0_NTNV



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8. 99% & 26dB Bandwidth

8.1 Band26c_OBW

8.1.1 Test Result

Band: 26c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	831.5	75	0	13.575	Pass
		836.5	75	0	13.597	Pass
		841.5	75	0	13.545	Pass
	16QAM	831.5	75	0	13.579	Pass
		836.5	75	0	13.602	Pass
		841.5	75	0	13.567	Pass
	64QAM	831.5	75	0	13.555	Pass
		836.5	75	0	13.570	Pass
		841.5	75	0	13.567	Pass
	256QAM	831.5	75	0	13.592	Pass
		836.5	75	0	13.572	Pass
		841.5	75	0	13.561	Pass



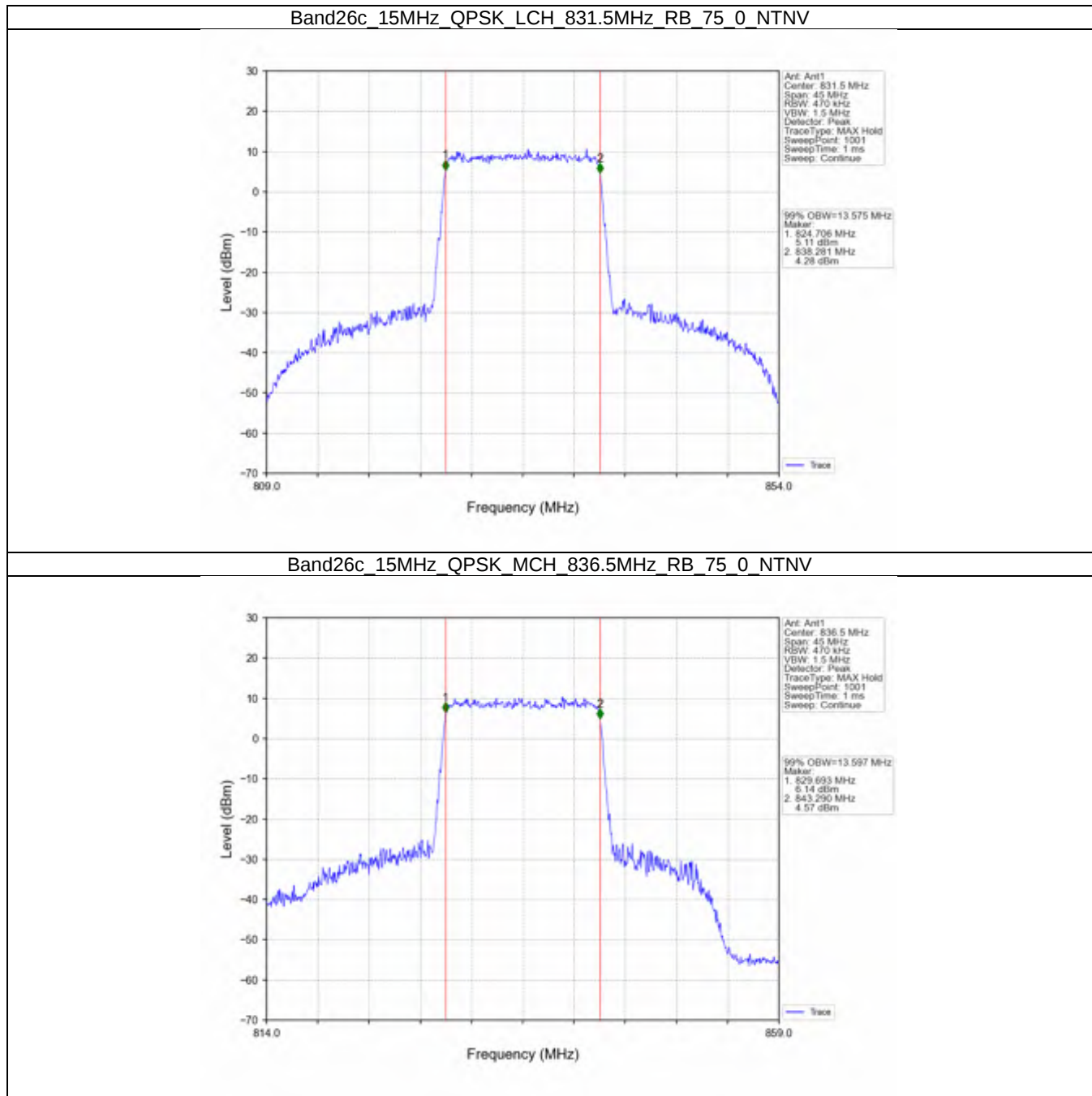
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4.1.2 Test Graph



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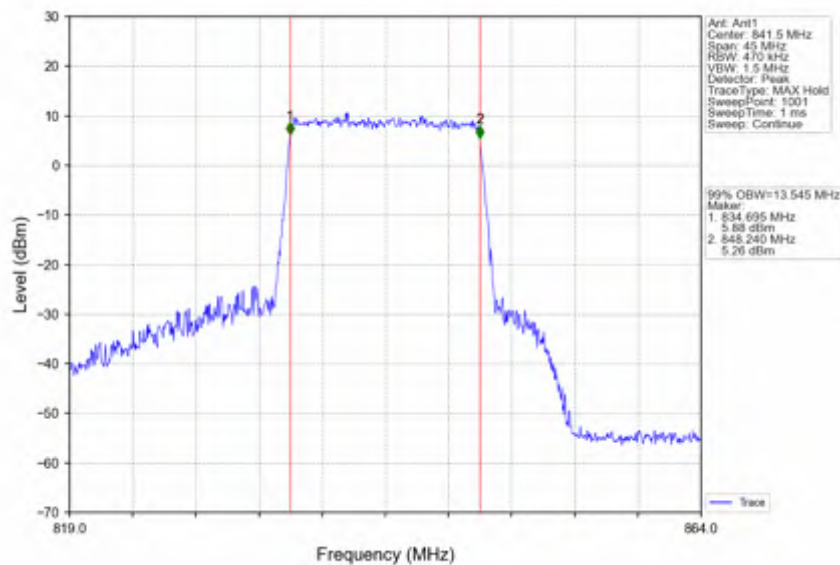
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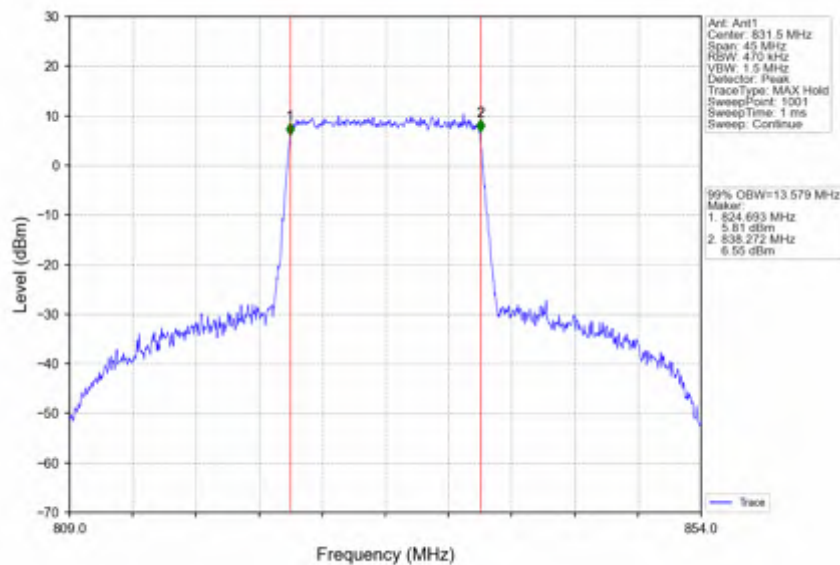
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Band26c_15MHz_QPSK_HCH_841.5MHz_RB_75_0_NTNV



Band26c_15MHz_16QAM_LCH_831.5MHz_RB_75_0_NTNV



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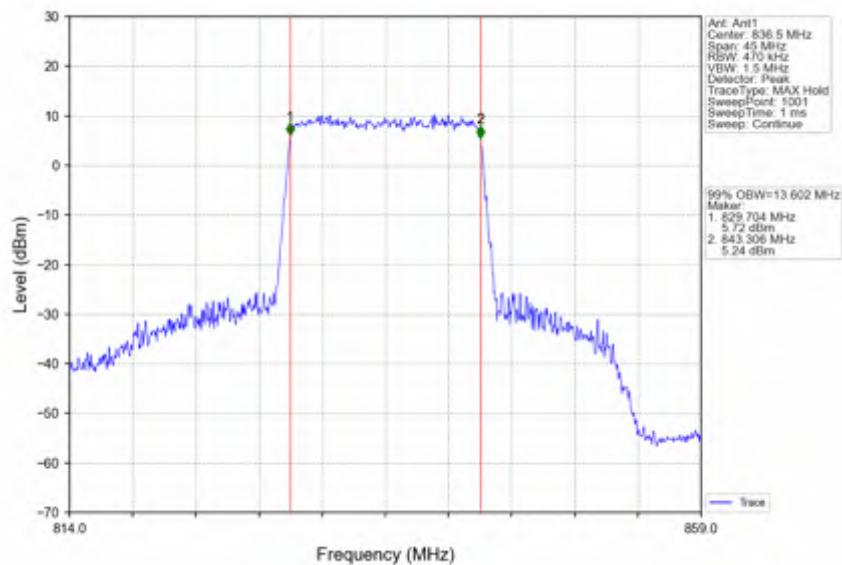
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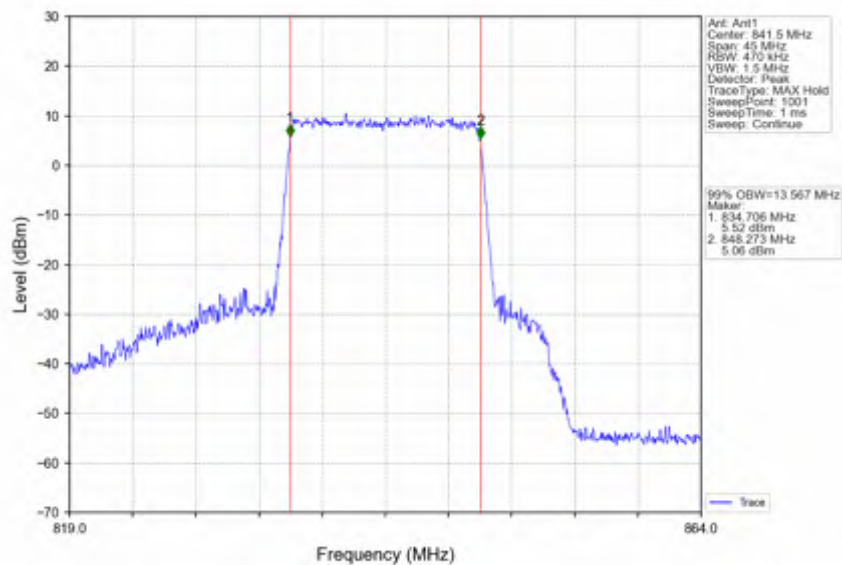
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Band26c 15MHz 16QAM MCH 836.5MHz RB 75 0 NTNV



Band26c 15MHz 16QAM HCH 841.5MHz RB 75 0 NTNV



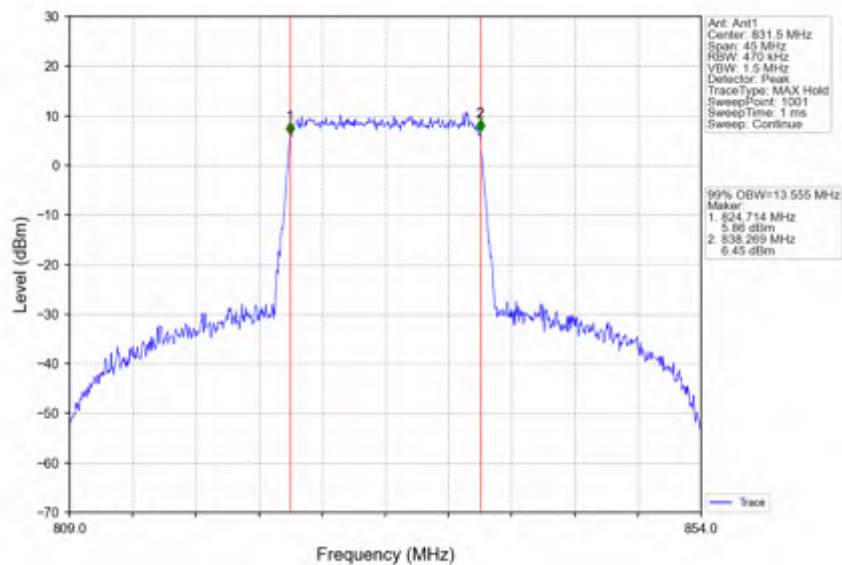
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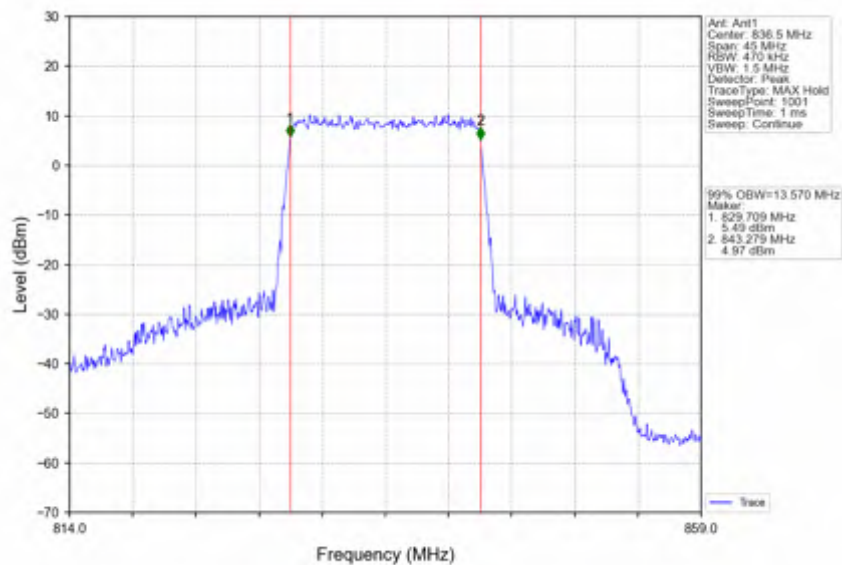
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Band26c_15MHz_64QAM_LCH_831.5MHz_RB_75_0_NTNV



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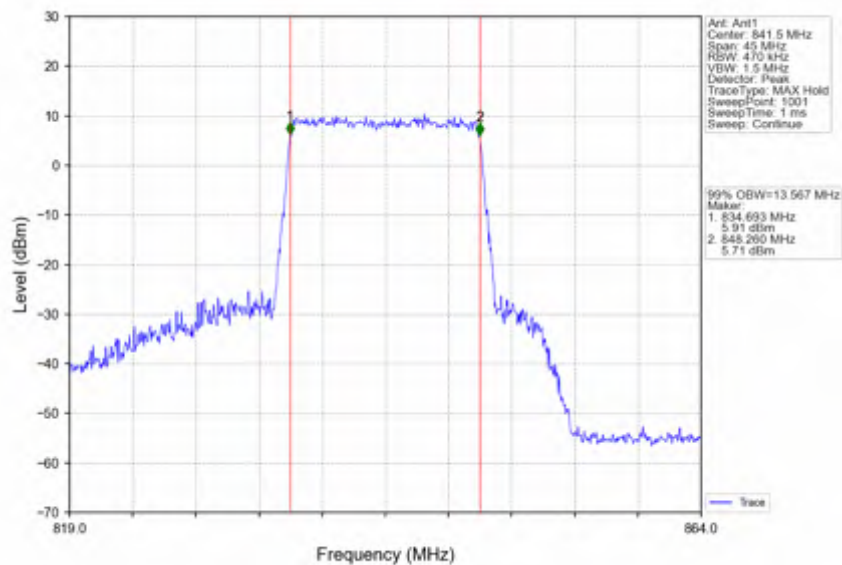
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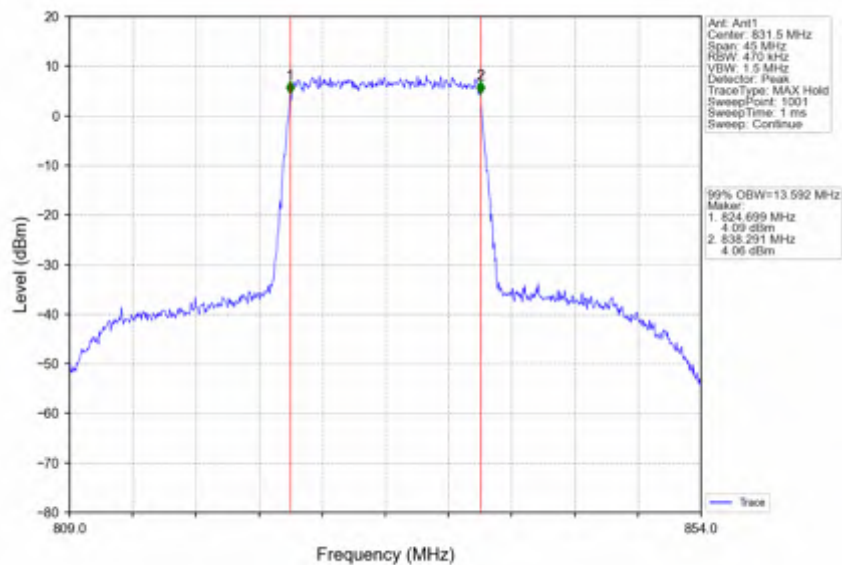
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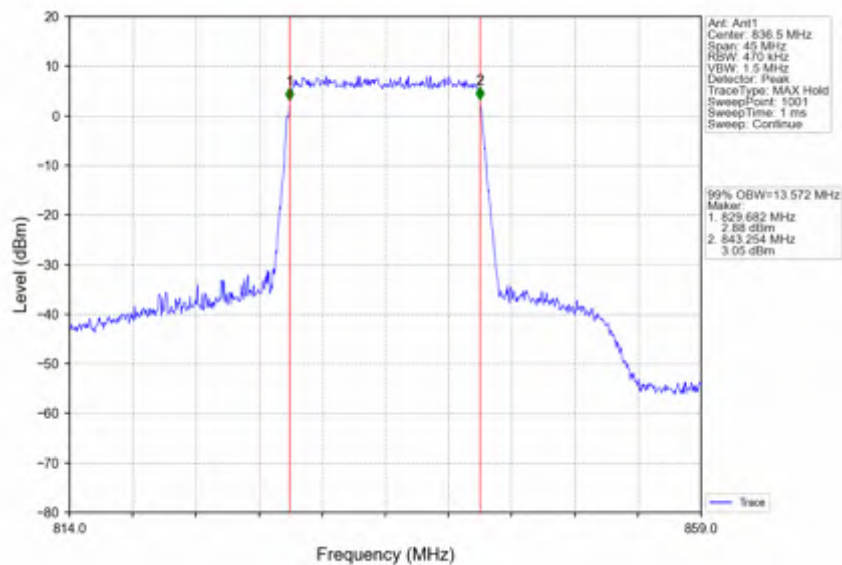
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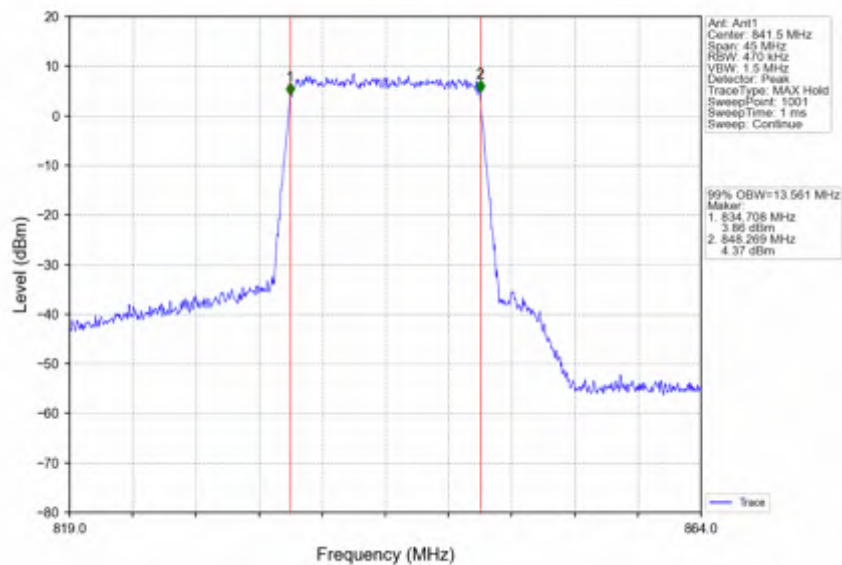
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8.2 Band26c_XDB

8.2.1 Test Result

Band: 26c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
15	QPSK	831.5	75	0	14.925	Pass
		836.5	75	0	14.952	Pass
		841.5	75	0	14.887	Pass
	16QAM	831.5	75	0	14.867	Pass
		836.5	75	0	14.945	Pass
		841.5	75	0	14.845	Pass
	64QAM	831.5	75	0	14.848	Pass
		836.5	75	0	15.077	Pass
		841.5	75	0	14.951	Pass
	256QAM	831.5	75	0	15.015	Pass
		836.5	75	0	14.925	Pass
		841.5	75	0	14.984	Pass



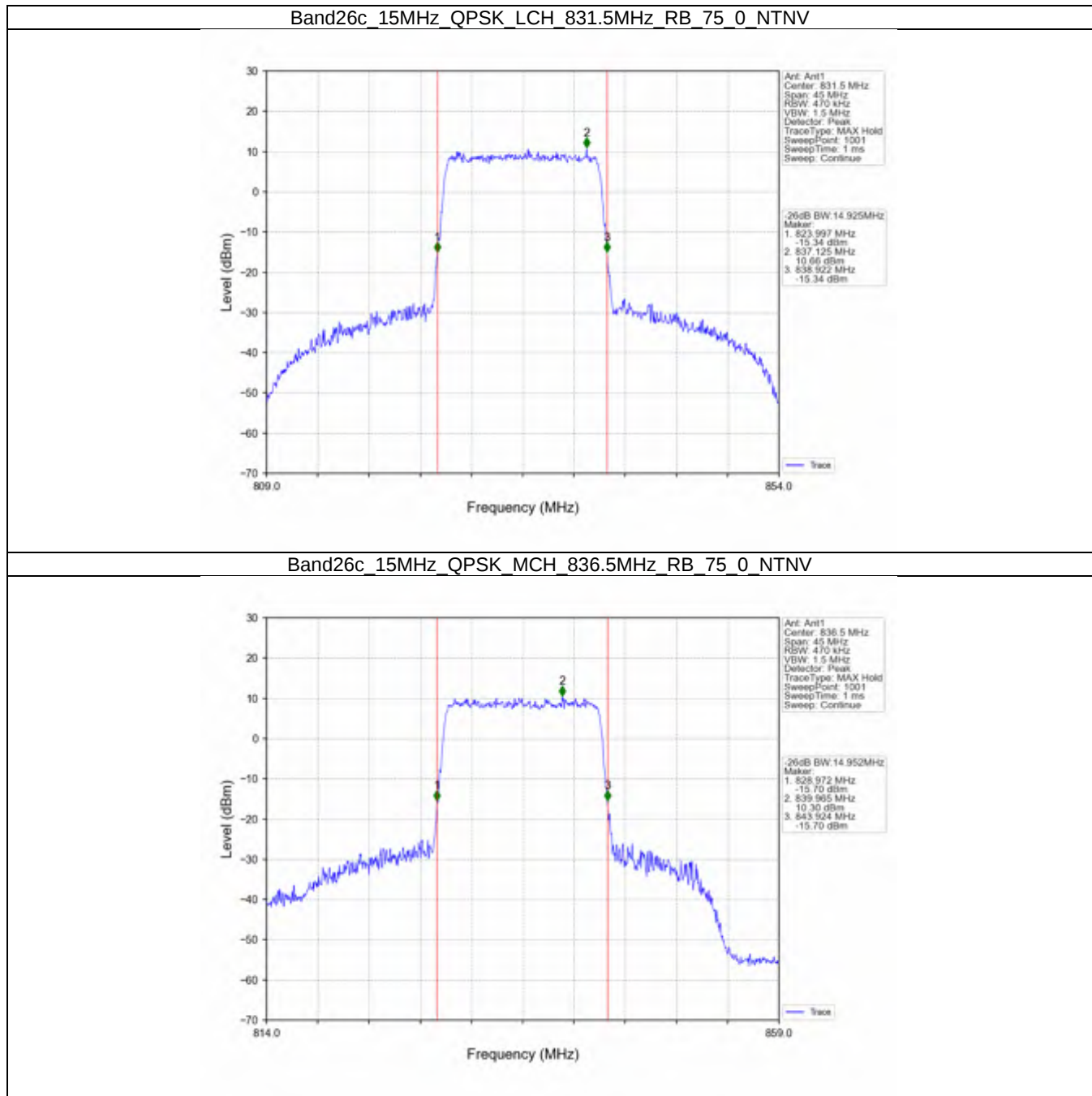
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8.2.2 Test Graph



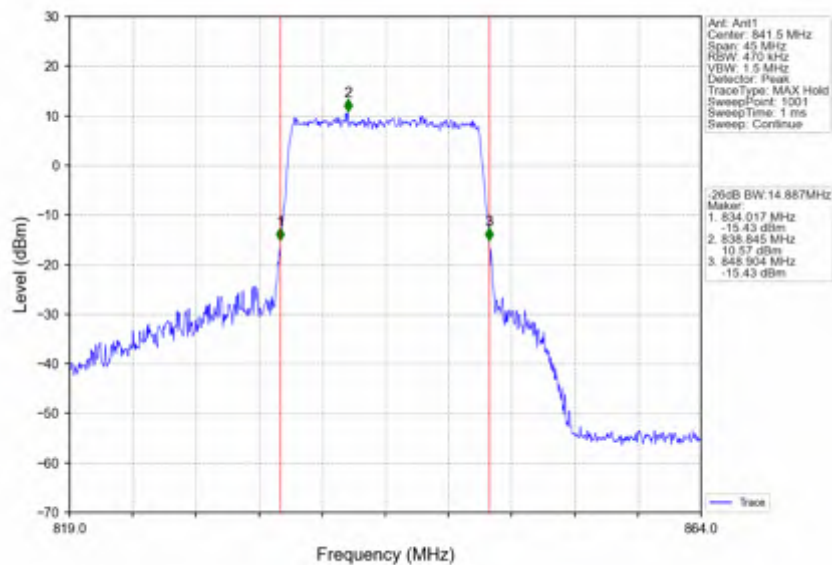
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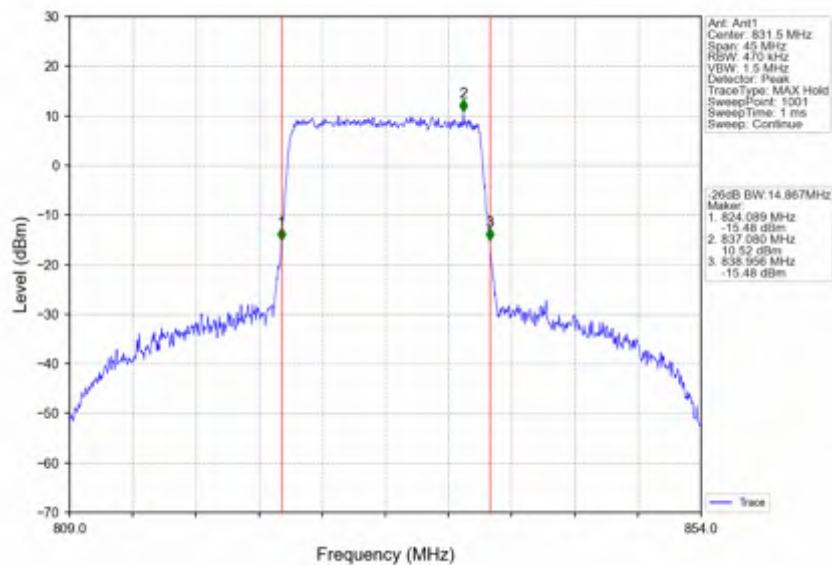
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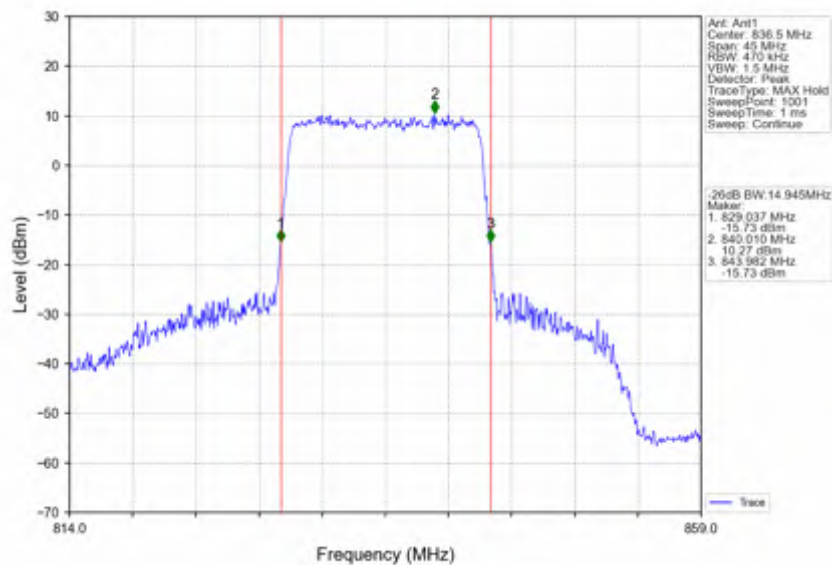
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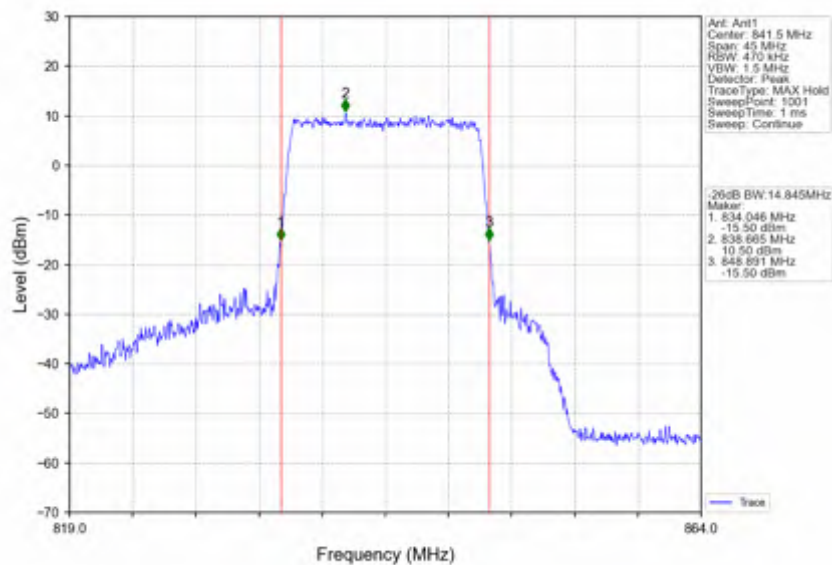
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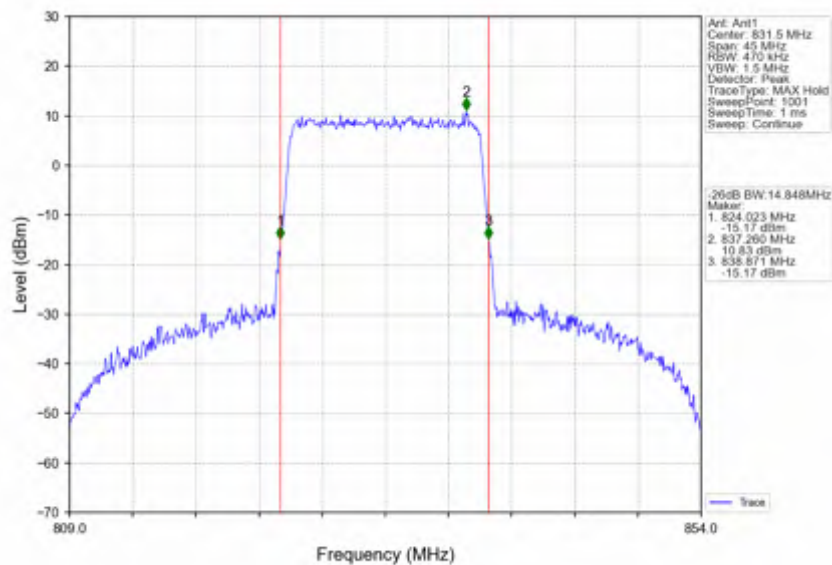
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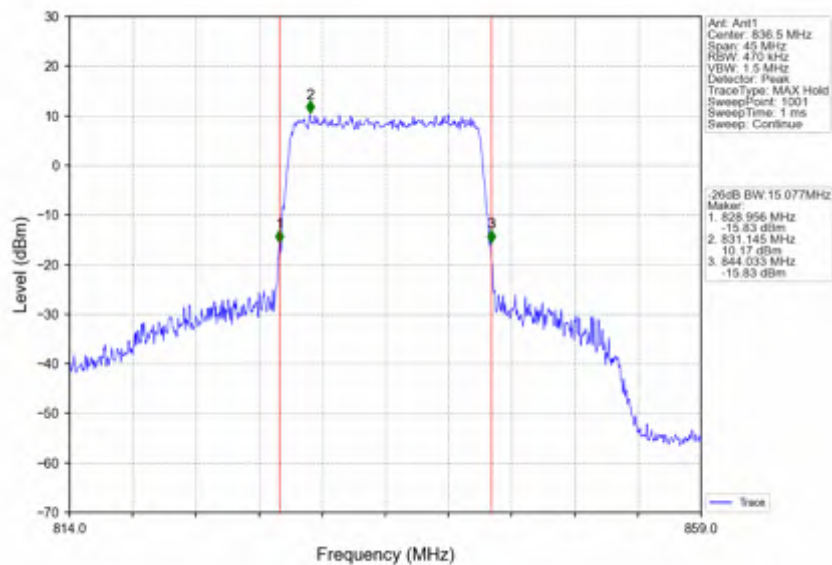
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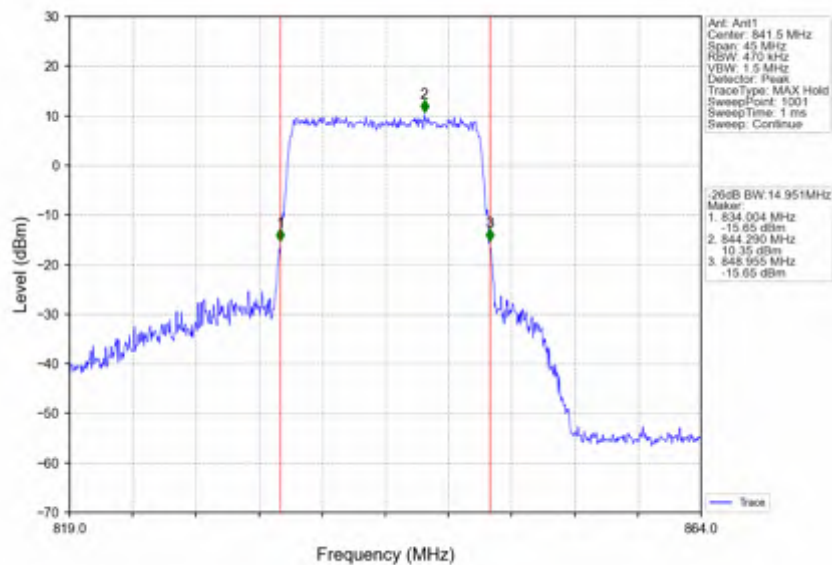
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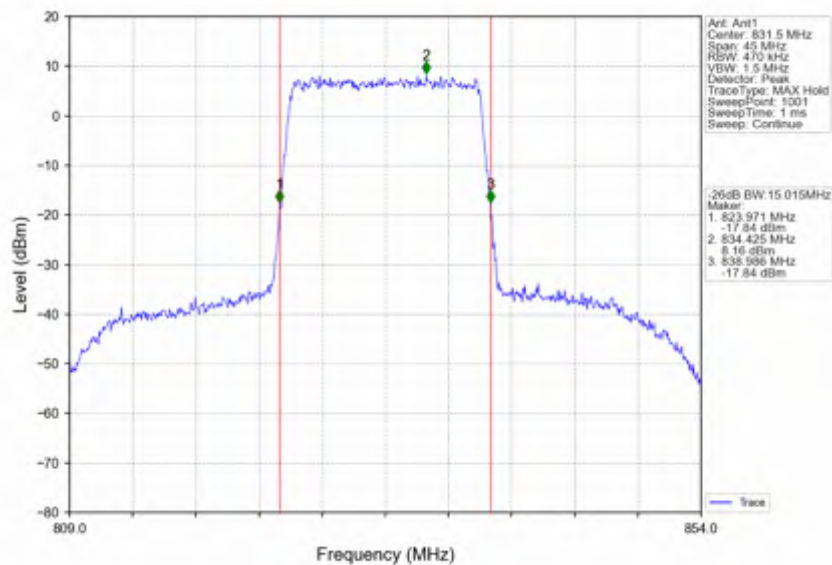
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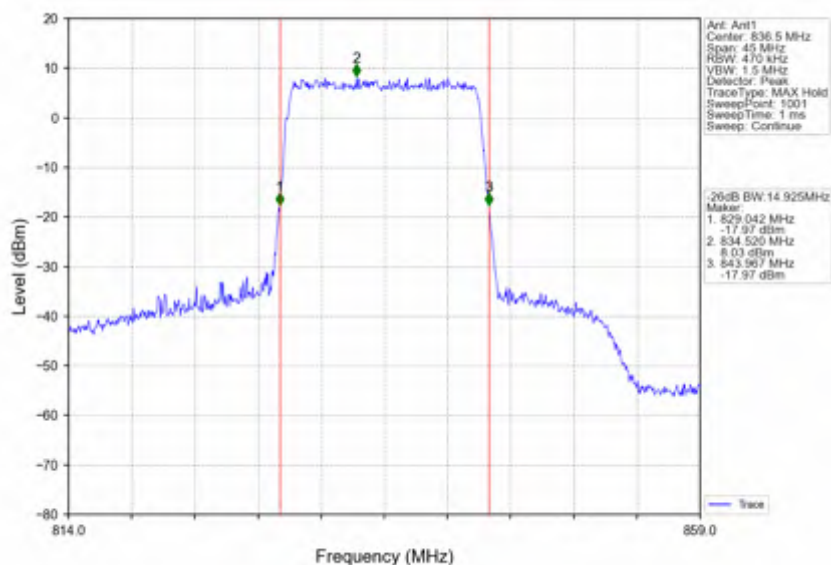
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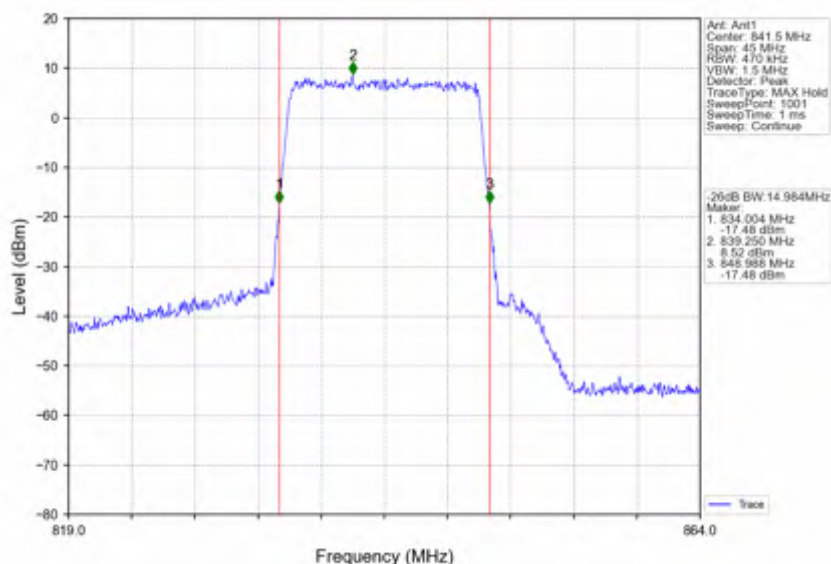
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9. 99% & 26dB Bandwidth

9.1 Band38_OBW

9.1.1 Test Result

Band: 38 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2572.5	25	0	4.554	Pass
		2595	25	0	4.536	Pass
		2617.5	25	0	4.535	Pass
	16QAM	2572.5	25	0	4.559	Pass
		2595	25	0	4.532	Pass
		2617.5	25	0	4.539	Pass
	64QAM	2572.5	25	0	4.544	Pass
		2595	25	0	4.530	Pass
		2617.5	25	0	4.531	Pass
	256QAM	2572.5	25	0	4.540	Pass
		2595	25	0	4.554	Pass
		2617.5	25	0	4.534	Pass
10	QPSK	2575	50	0	9.035	Pass
		2595	50	0	9.092	Pass
		2615	50	0	9.059	Pass
	16QAM	2575	50	0	9.067	Pass
		2595	50	0	9.068	Pass
		2615	50	0	9.062	Pass
	64QAM	2575	50	0	9.064	Pass
		2595	50	0	9.053	Pass
		2615	50	0	9.072	Pass
	256QAM	2575	50	0	9.069	Pass
		2595	50	0	9.064	Pass
		2615	50	0	9.085	Pass
15	QPSK	2577.5	75	0	13.595	Pass
		2595	75	0	13.620	Pass
		2612.5	75	0	13.602	Pass
	16QAM	2577.5	75	0	13.627	Pass
		2595	75	0	13.637	Pass
		2612.5	75	0	13.576	Pass
	64QAM	2577.5	75	0	13.594	Pass
		2595	75	0	13.574	Pass
		2612.5	75	0	13.588	Pass
	256QAM	2577.5	75	0	13.645	Pass
		2595	75	0	13.590	Pass
		2612.5	75	0	13.583	Pass
20	QPSK	2580	100	0	18.065	Pass
		2595	100	0	18.110	Pass
		2610	100	0	18.074	Pass
	16QAM	2580	100	0	18.068	Pass
		2595	100	0	18.100	Pass
	64QAM	2610	100	0	18.107	Pass
		2580	100	0	18.063	Pass

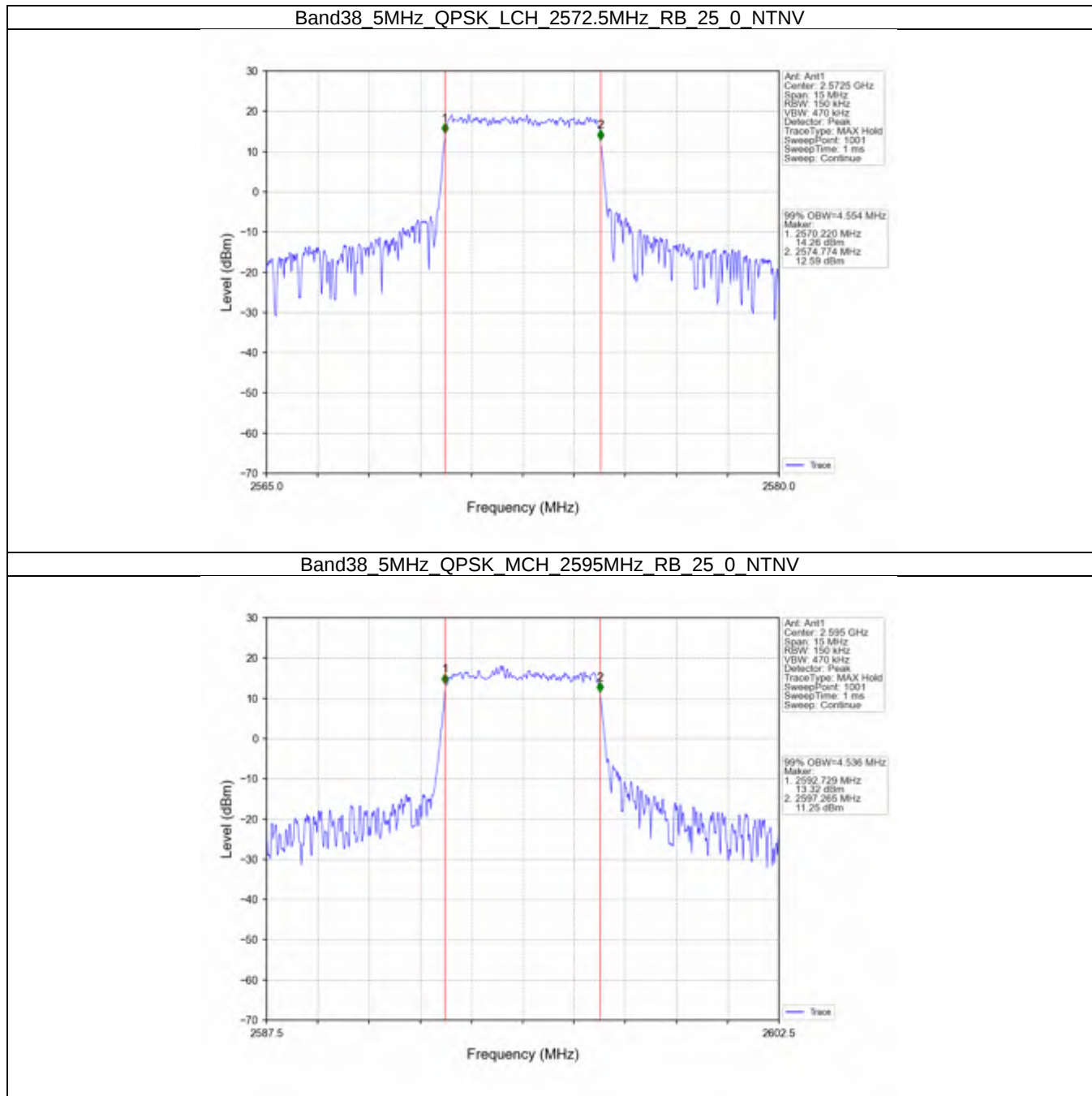


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		2595	100	0	18.080	Pass
		2610	100	0	18.132	Pass
	256QAM	2580	100	0	18.124	Pass
		2595	100	0	18.141	Pass
		2610	100	0	18.097	Pass

9.1.2 Test Graph



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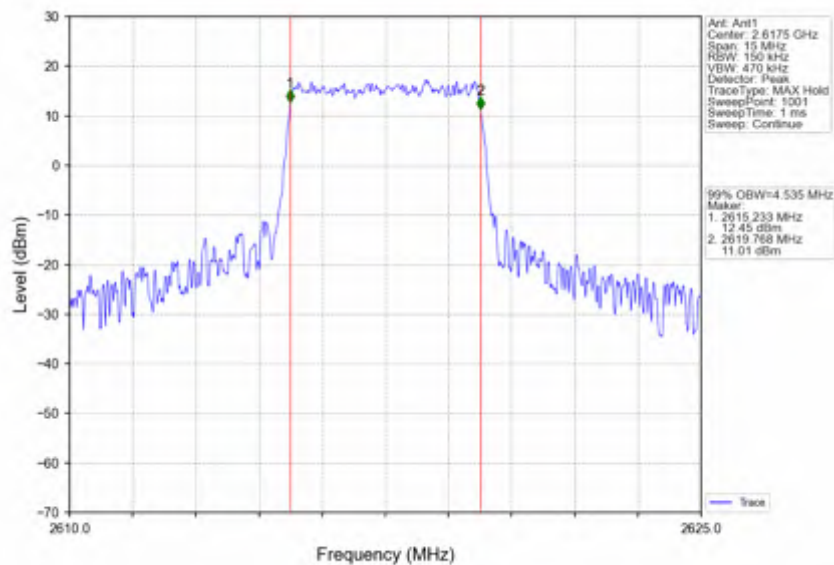
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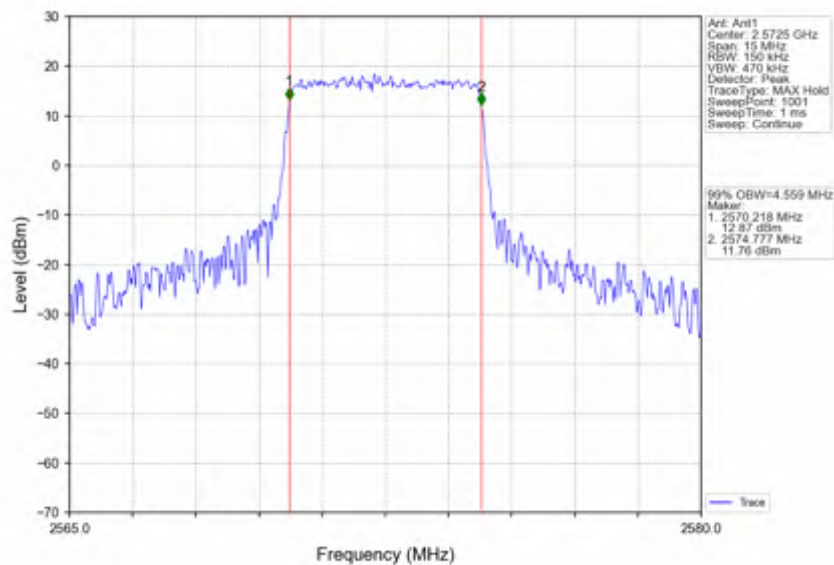
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Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



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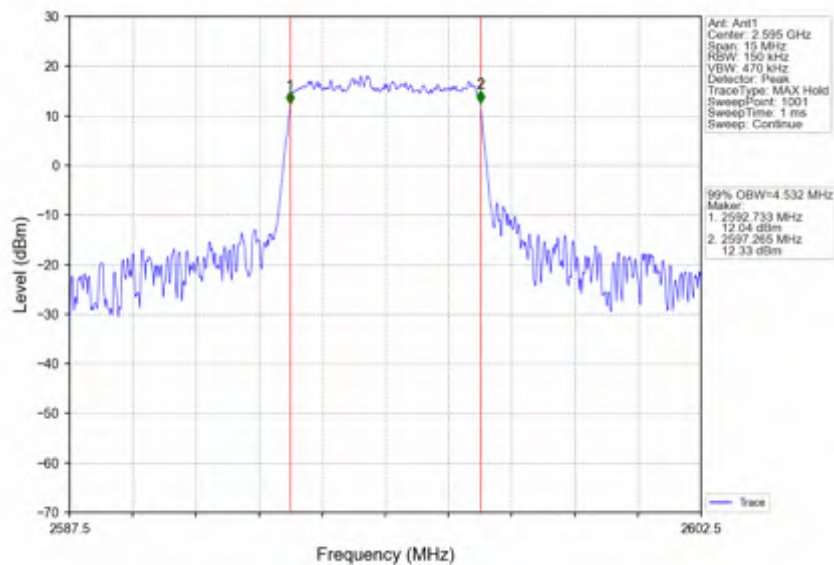
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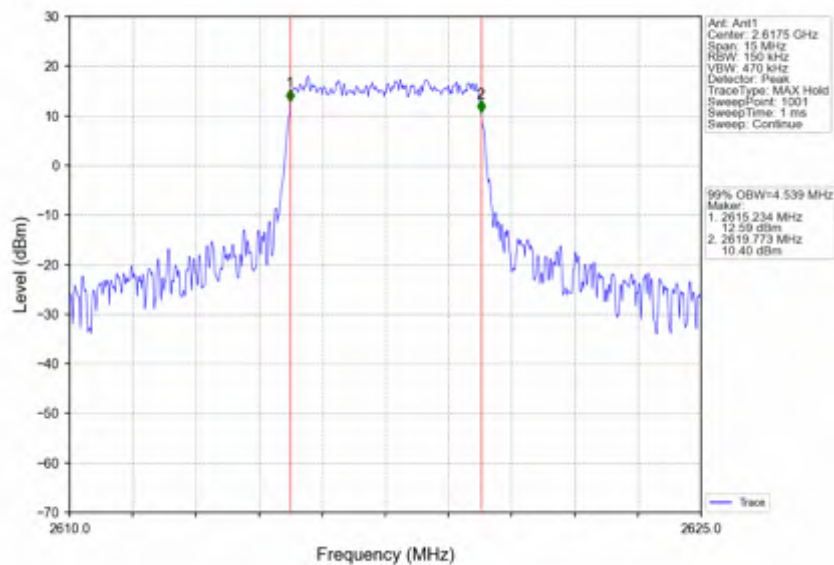
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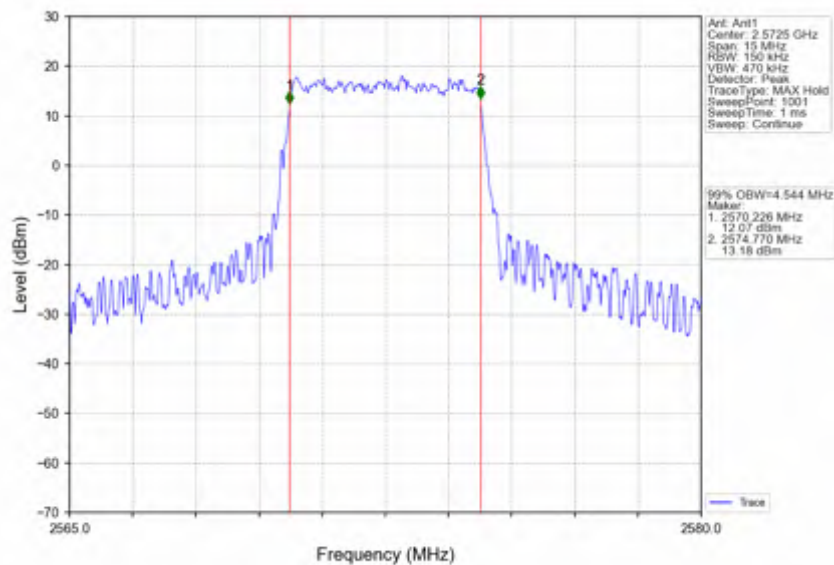
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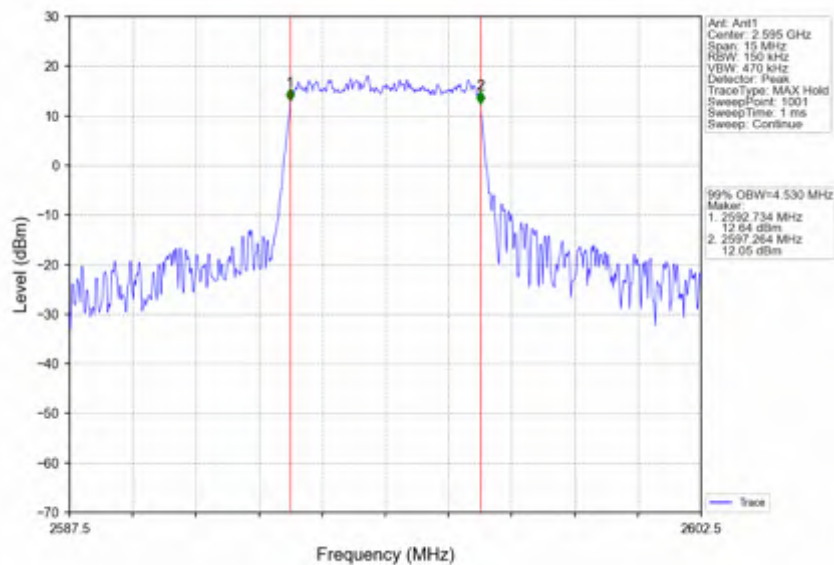
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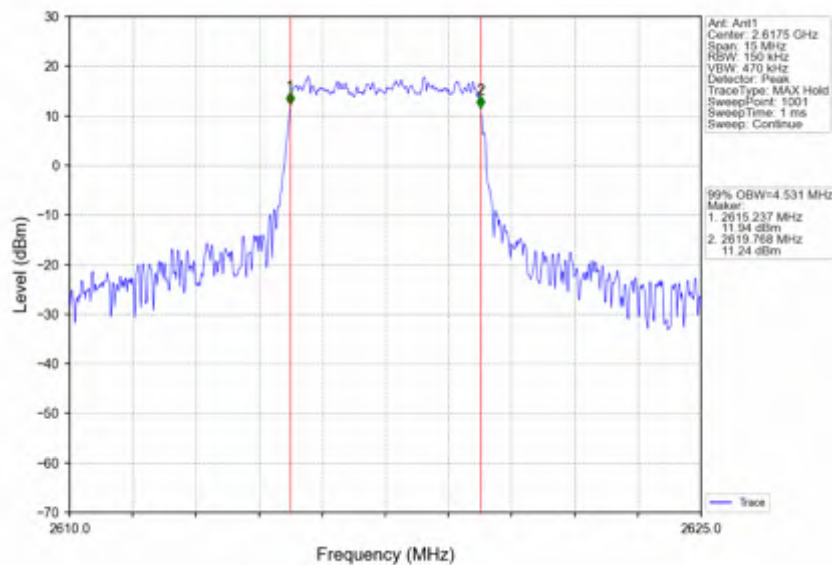
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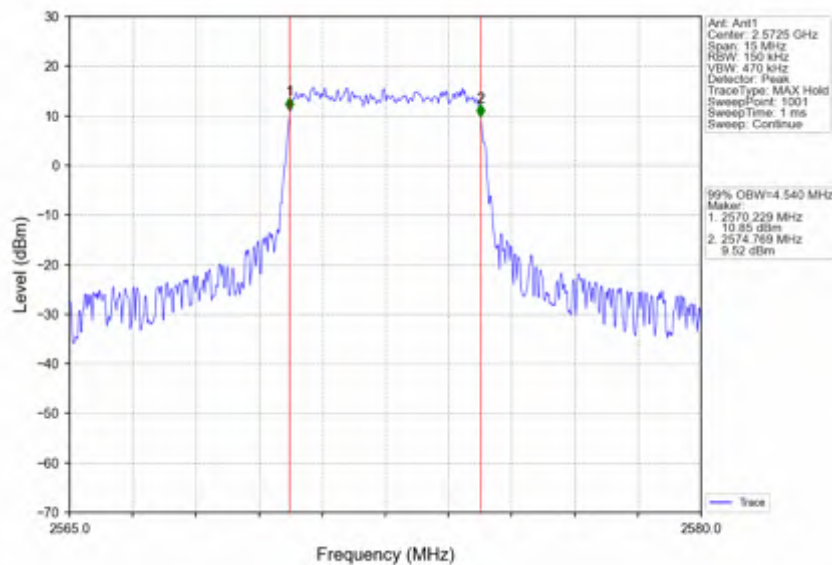
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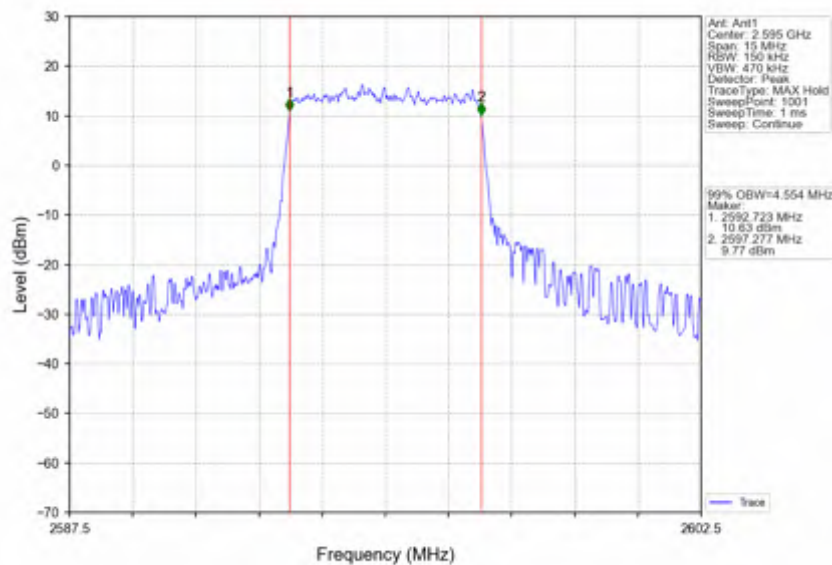
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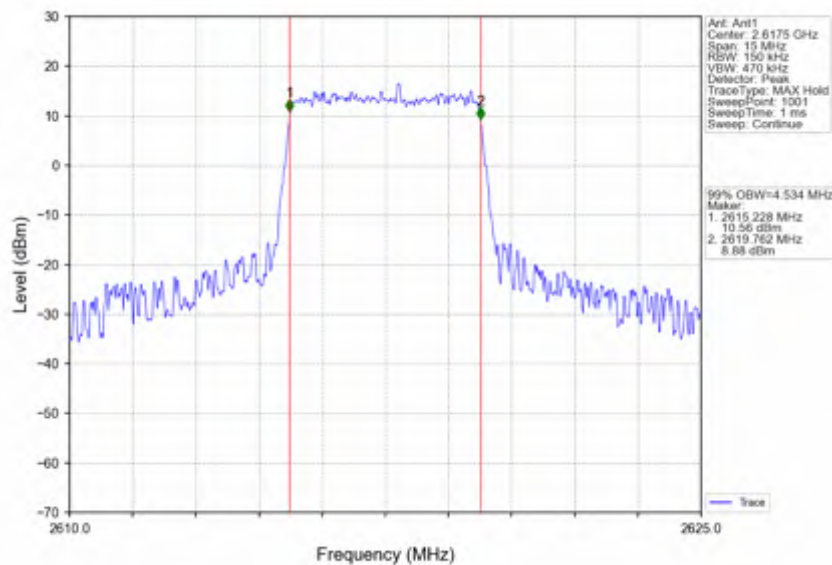
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Band38 5MHz 256QAM HCH 2617.5MHz RB 25 0 NTNV

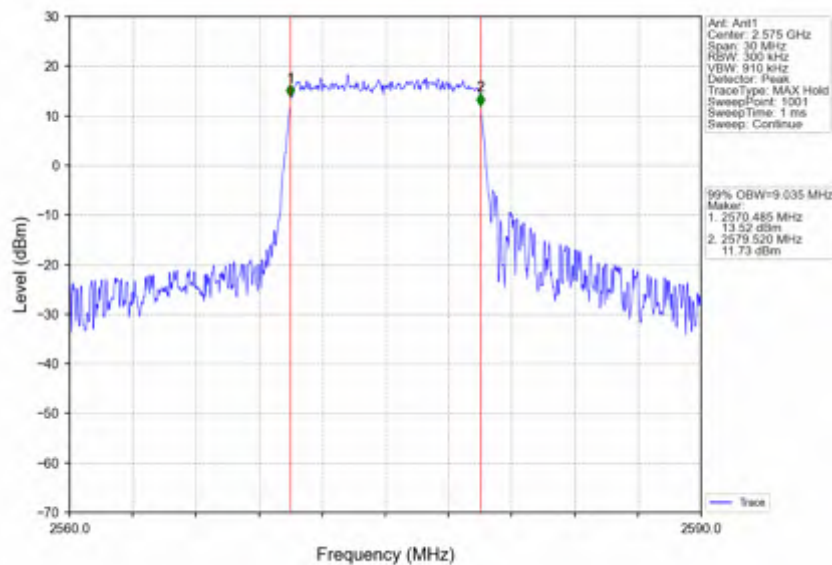


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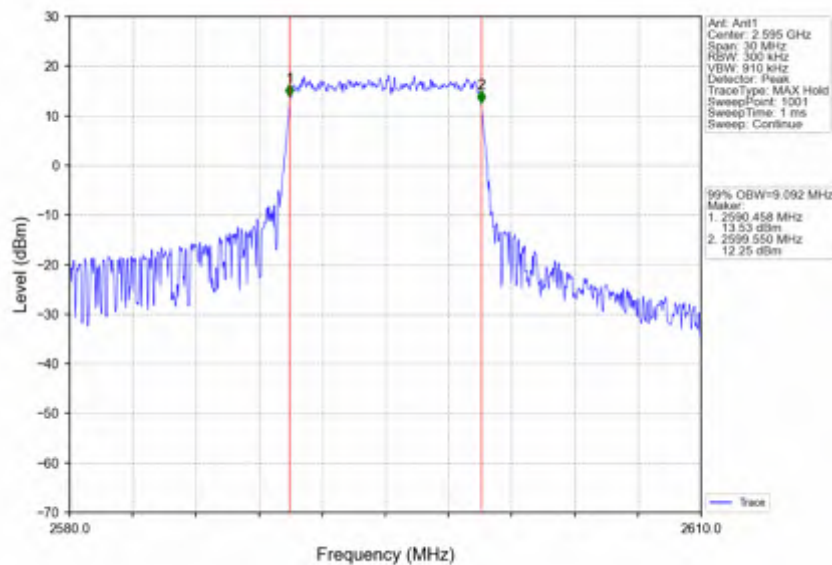
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Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



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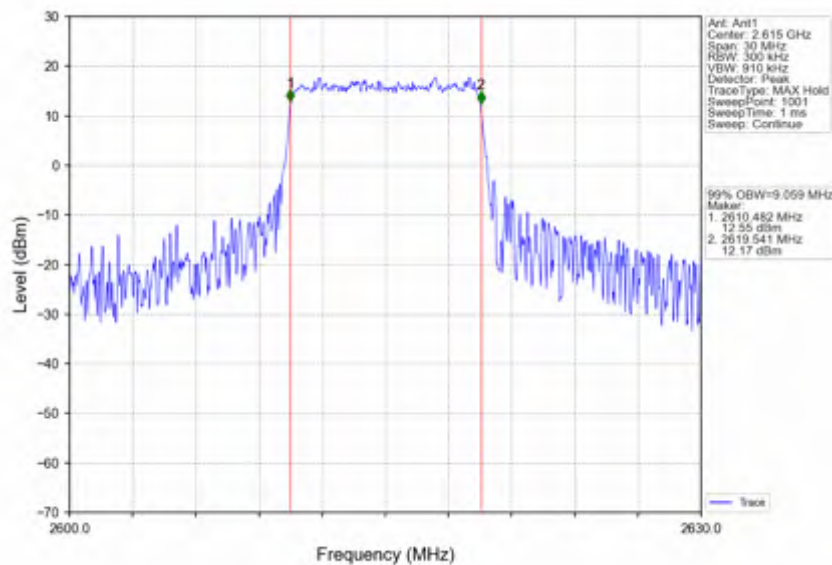
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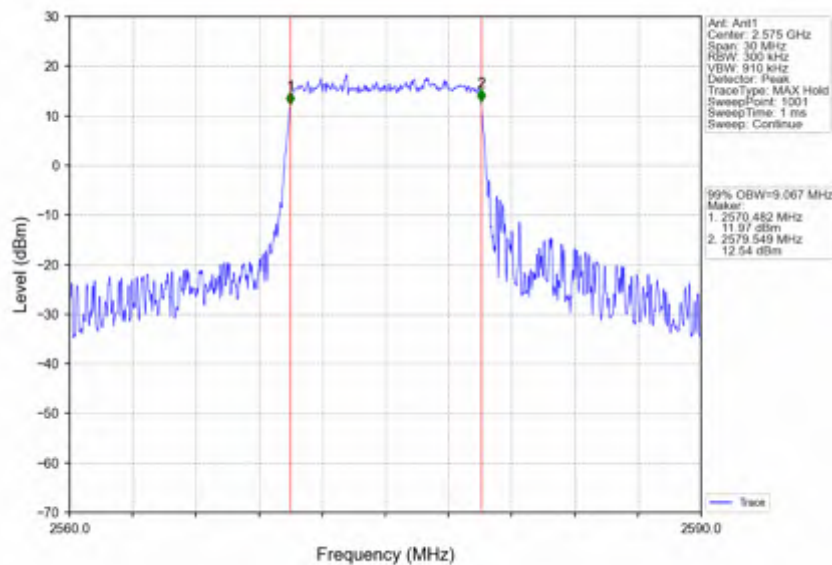
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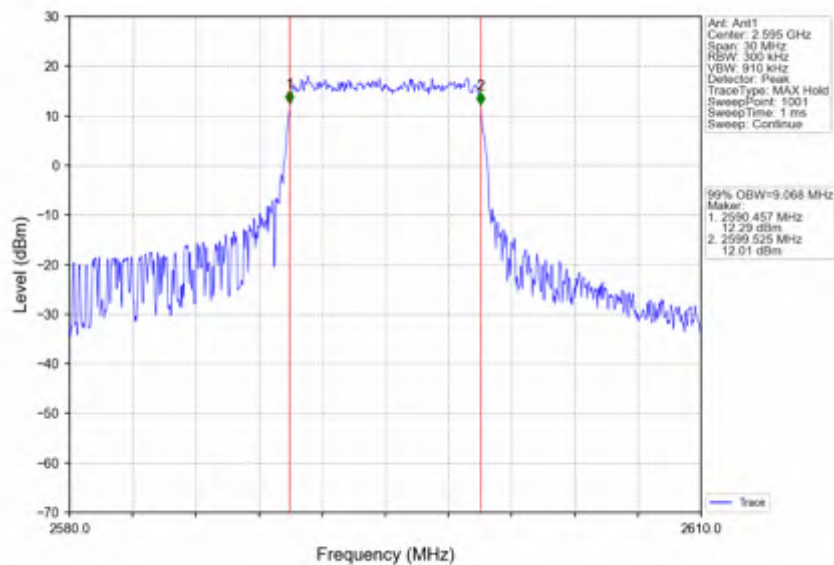
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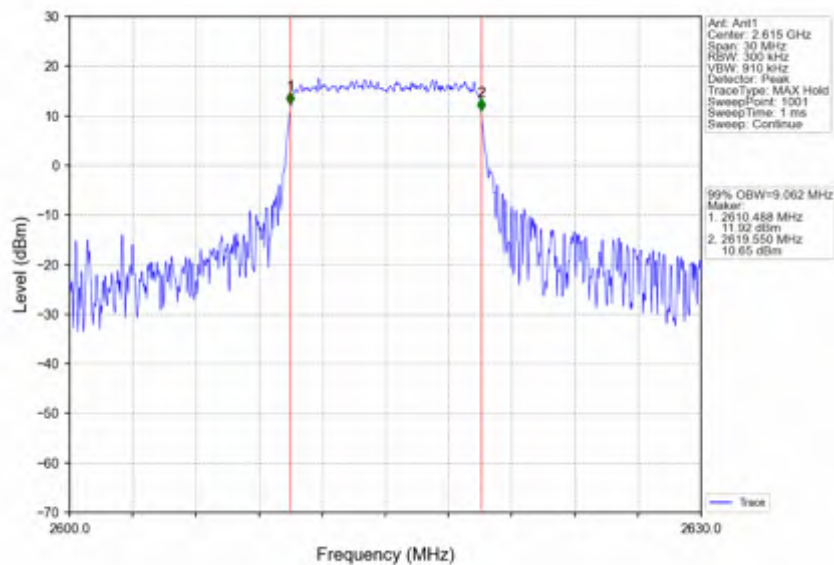
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Band38 10MHz 16QAM HCH 2615MHz RB 50 0 NTNV

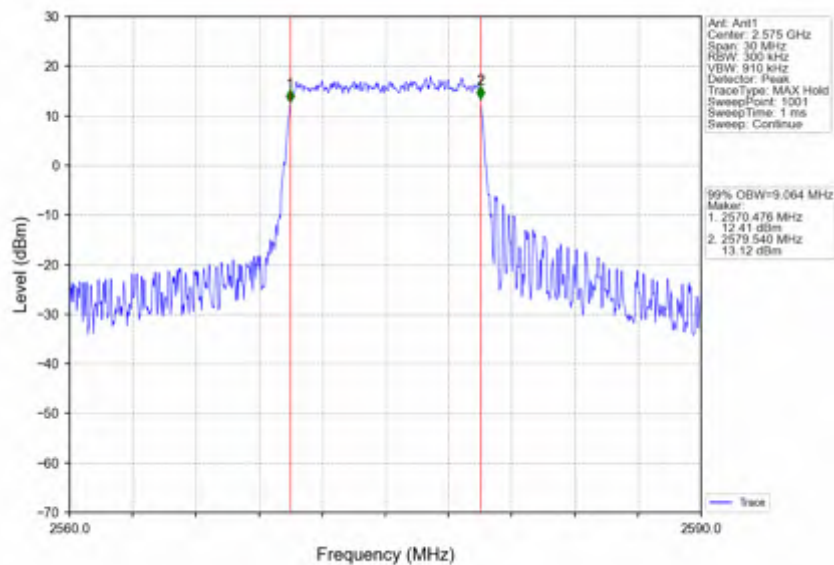


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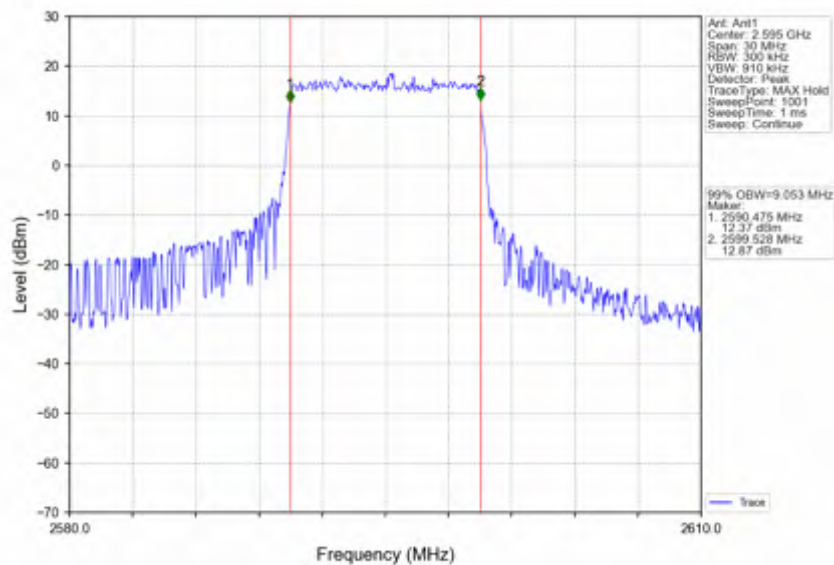
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Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



Band38 10MHz 64QAM MCH 2595MHz RB 50 0 NTNv



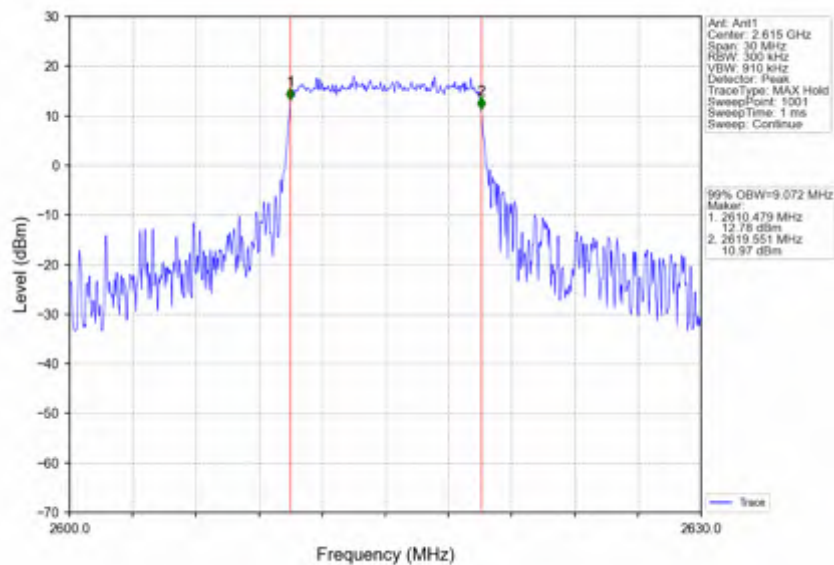
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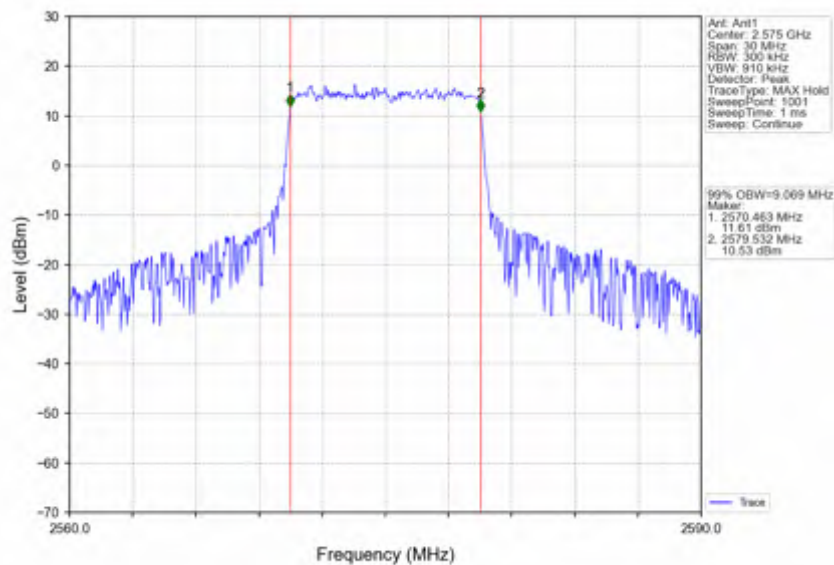
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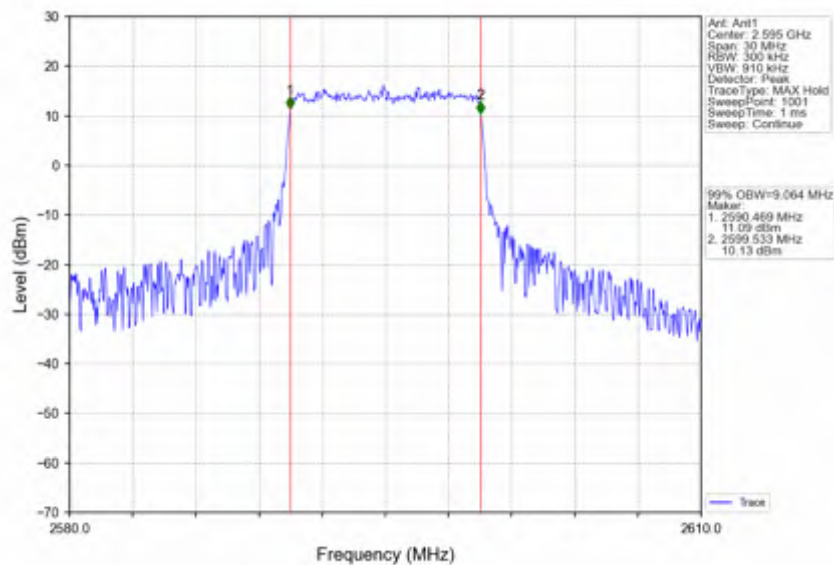


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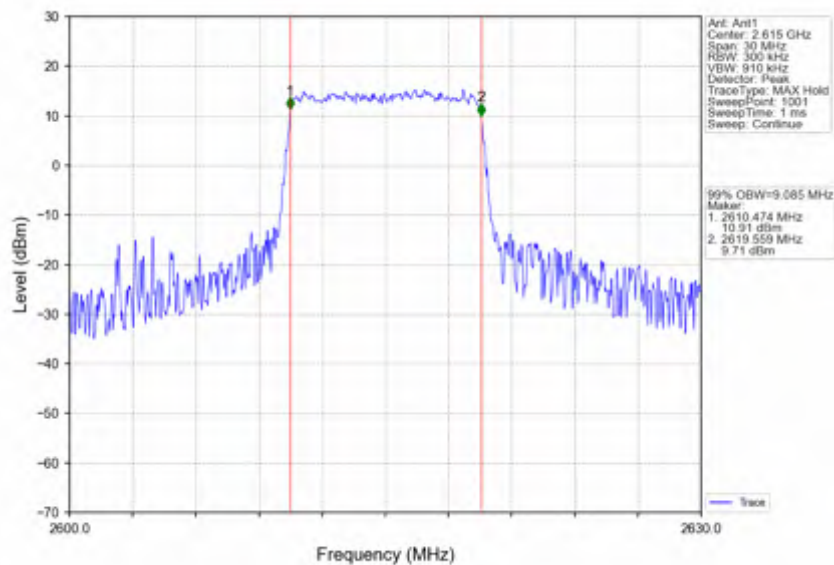
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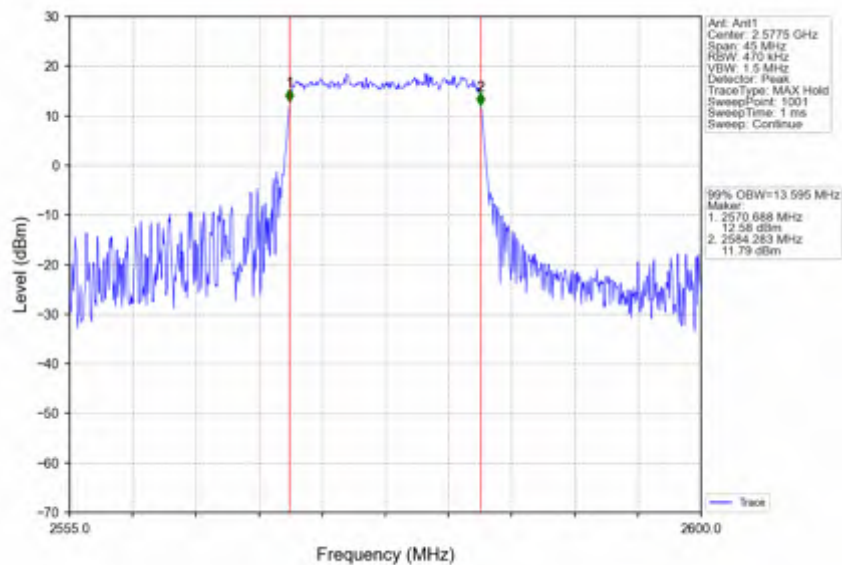
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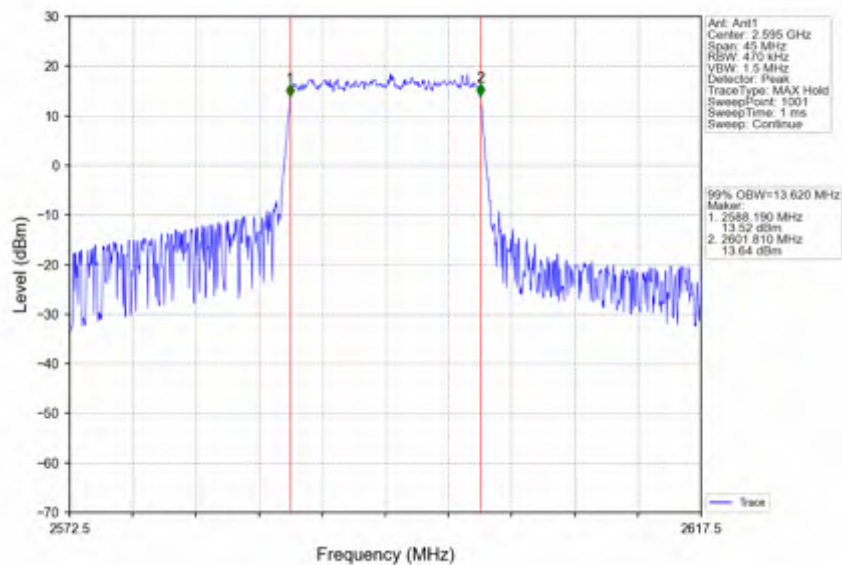
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Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



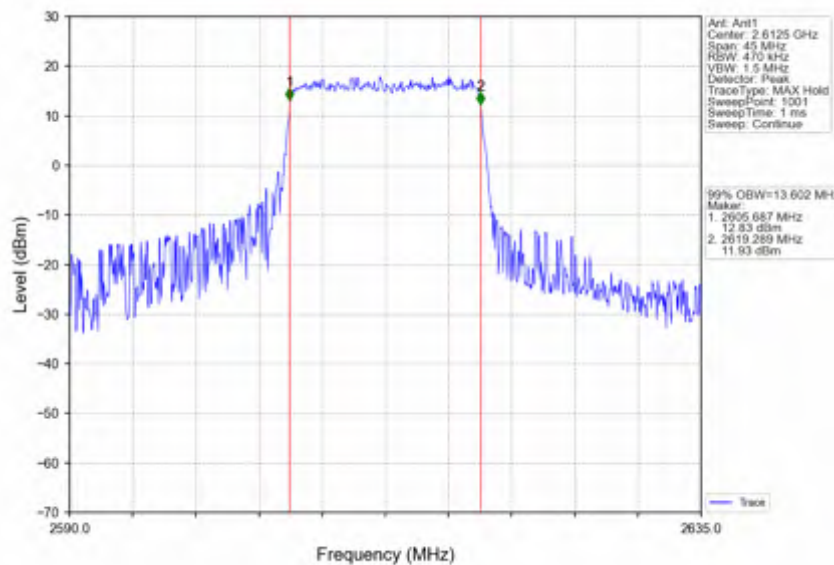
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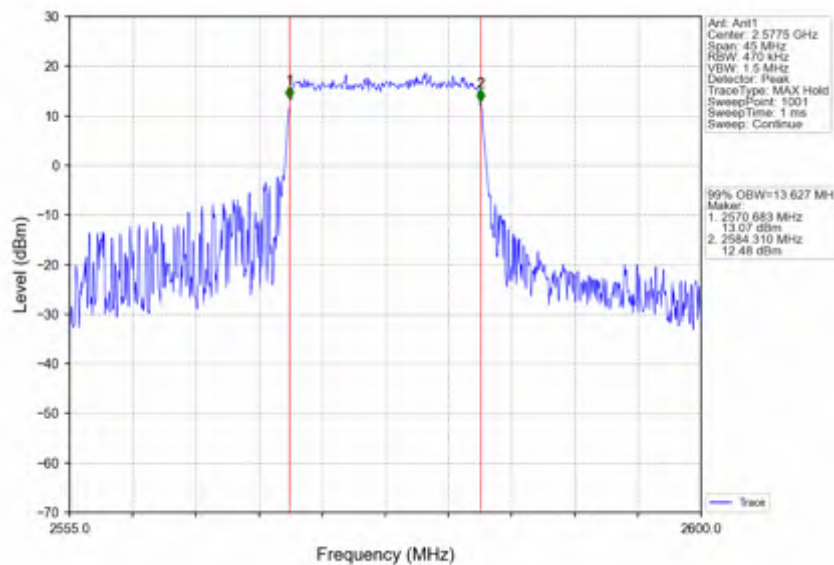
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Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



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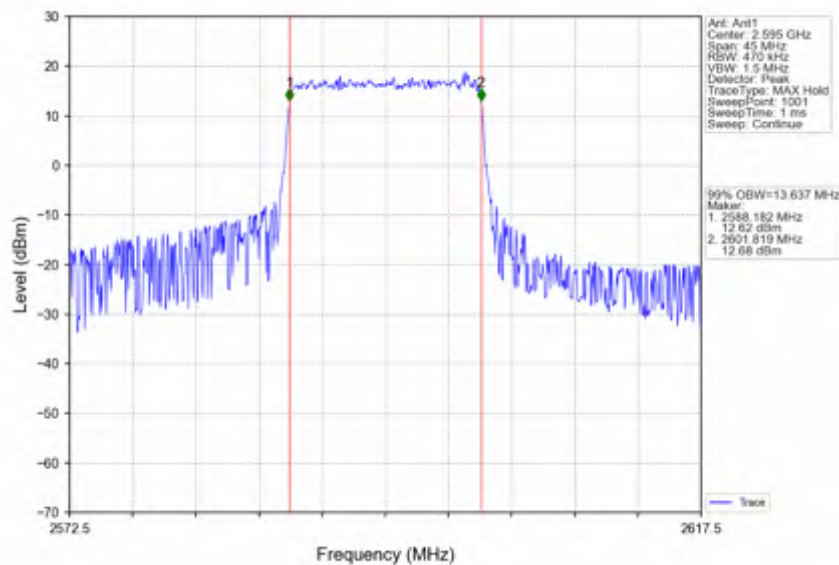
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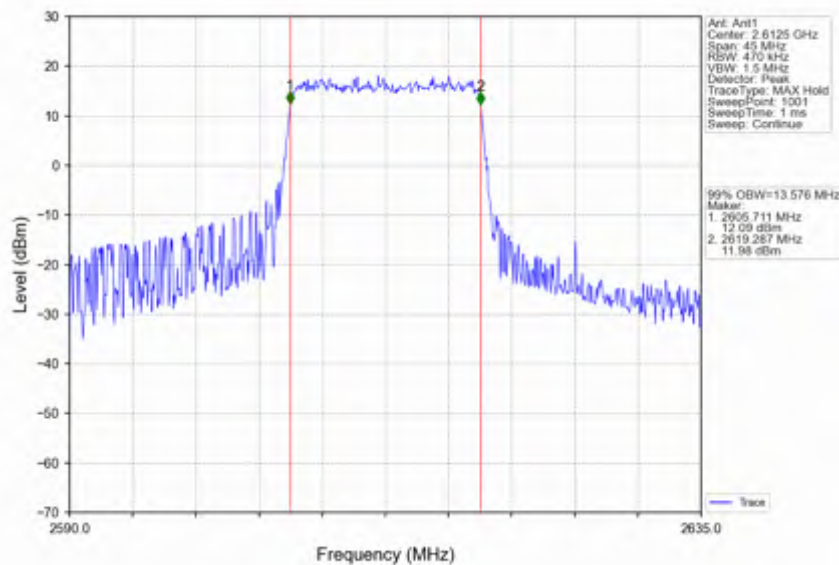
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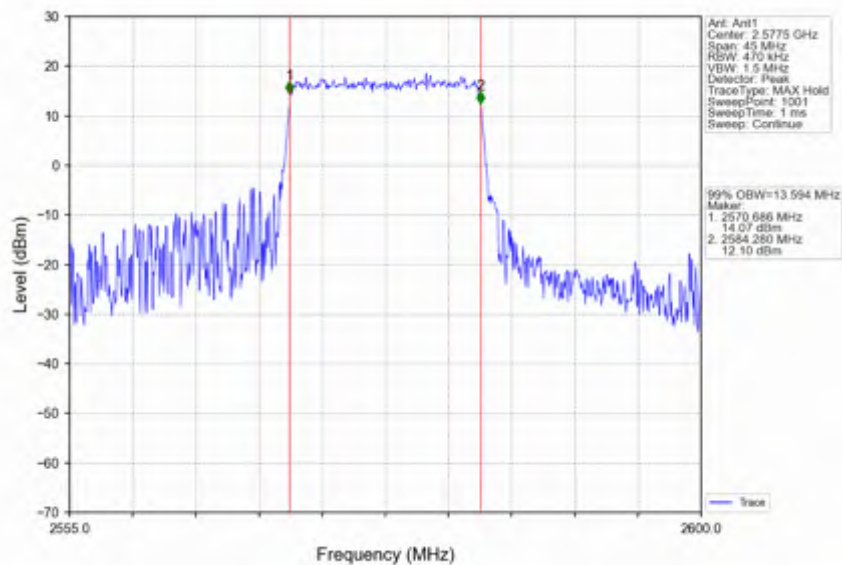
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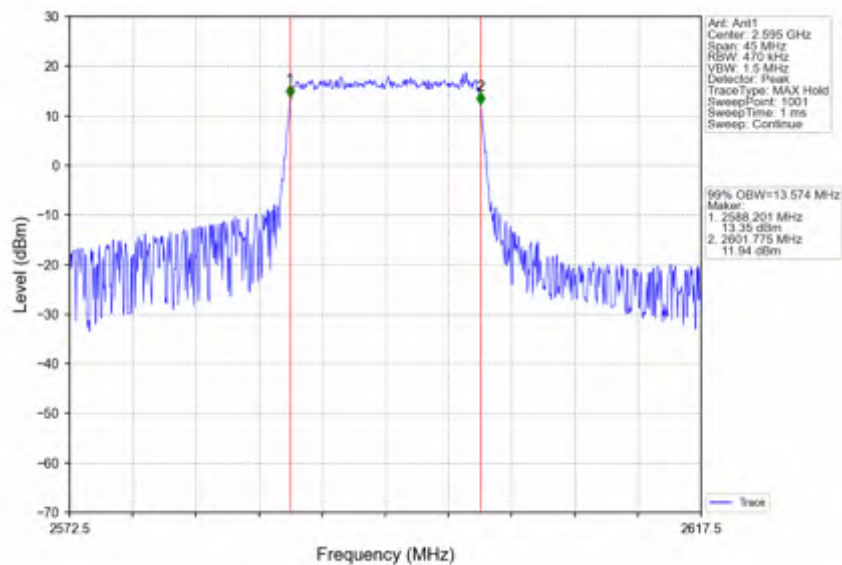
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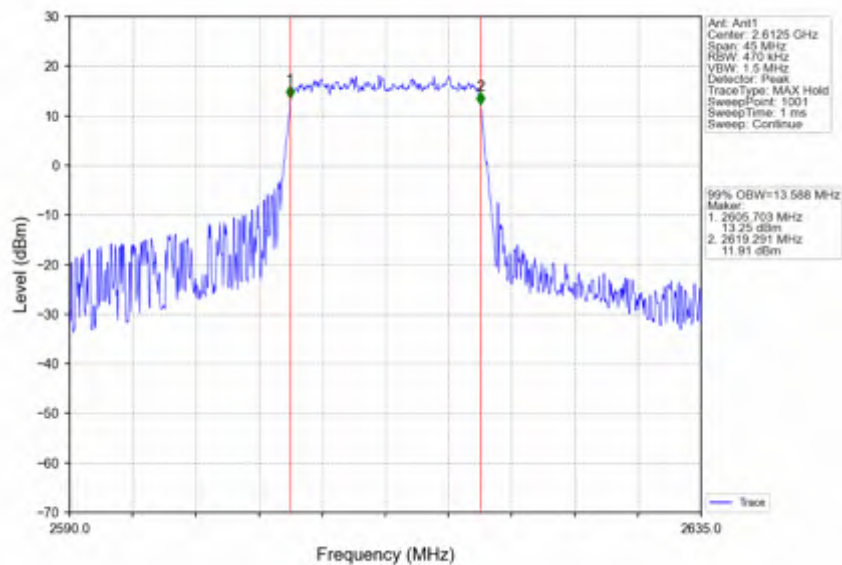


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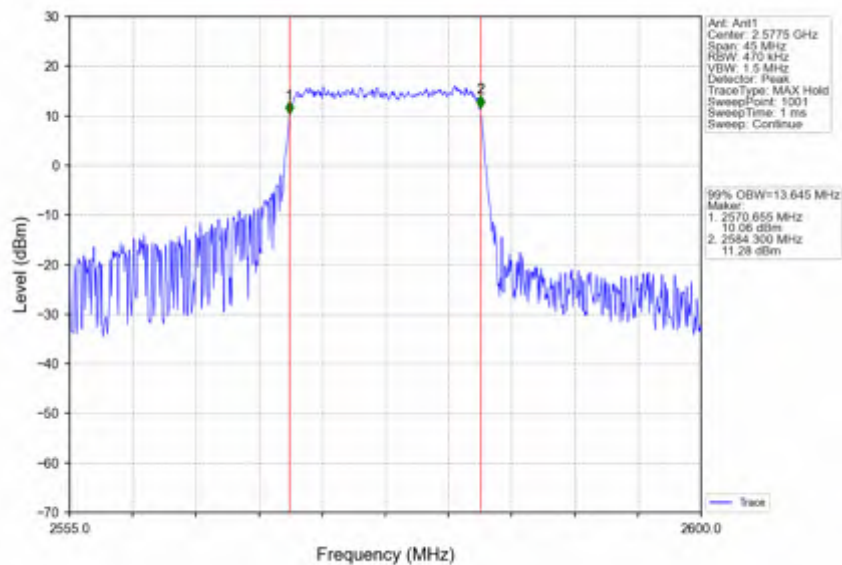
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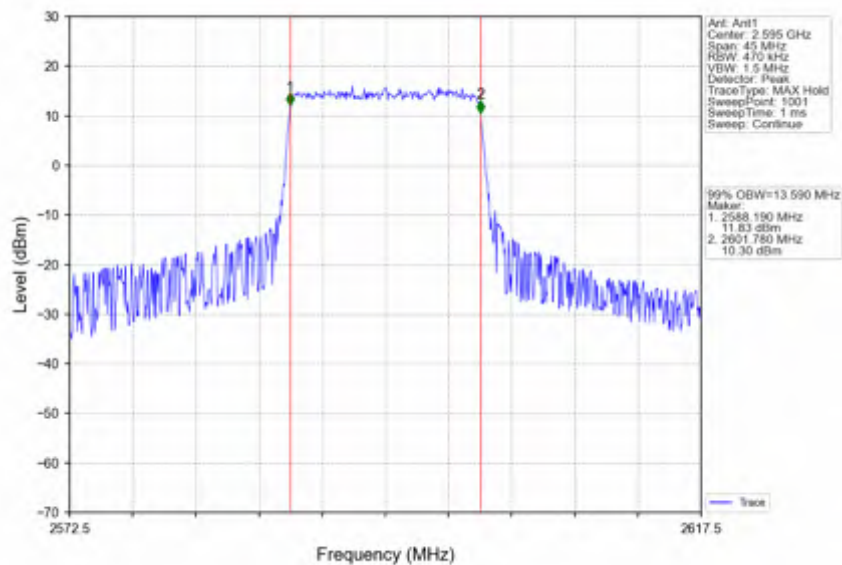
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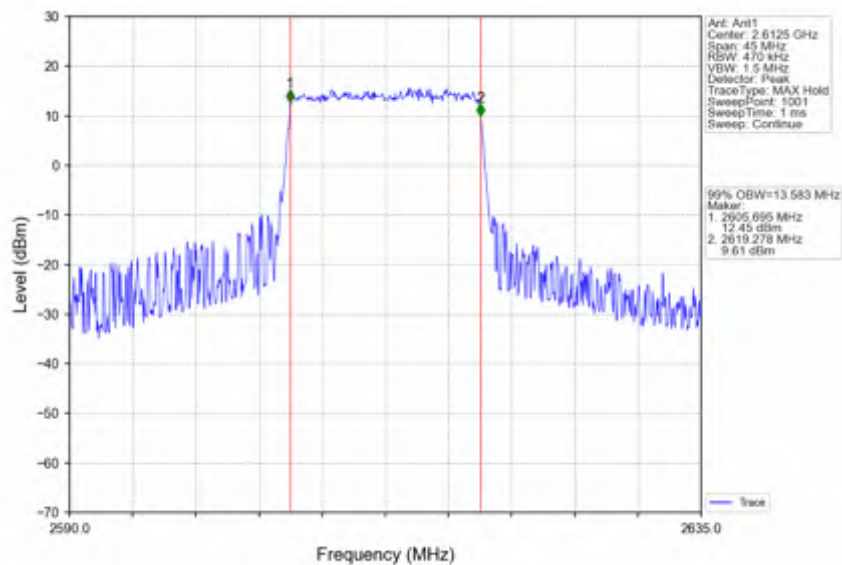
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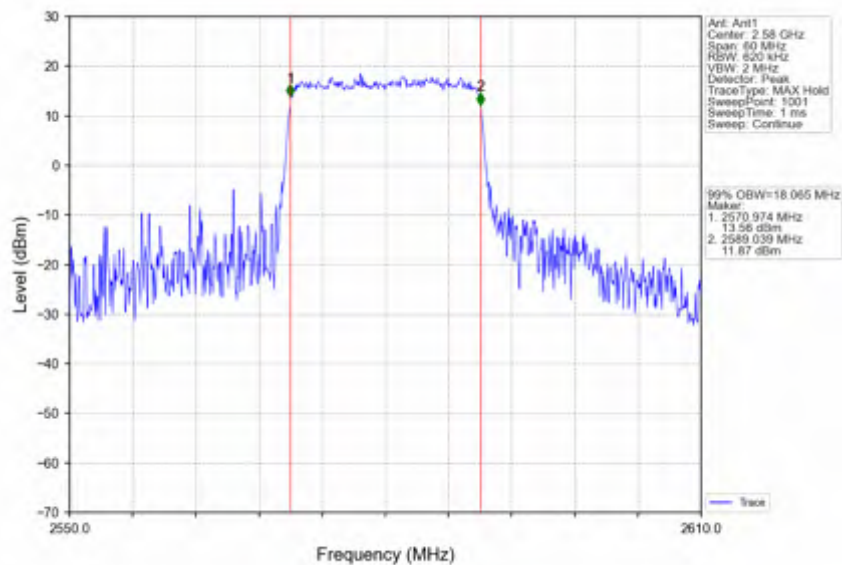
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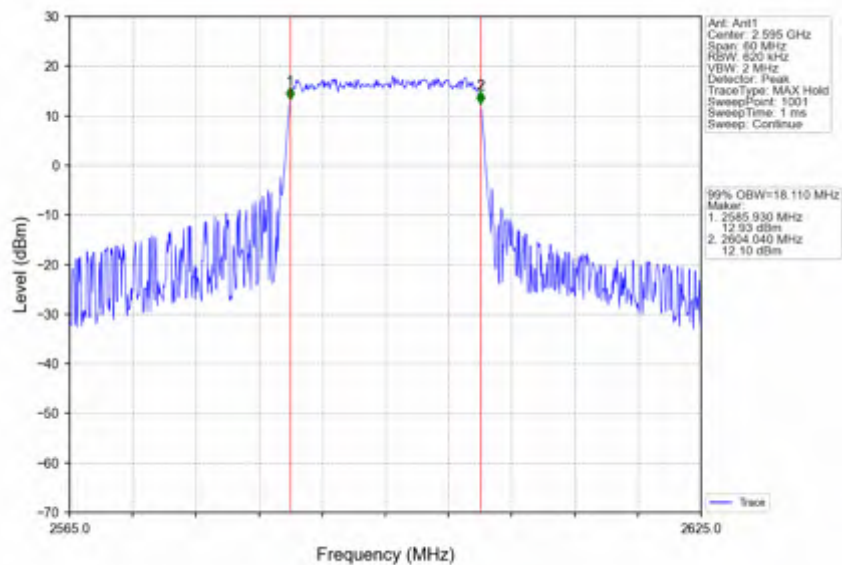
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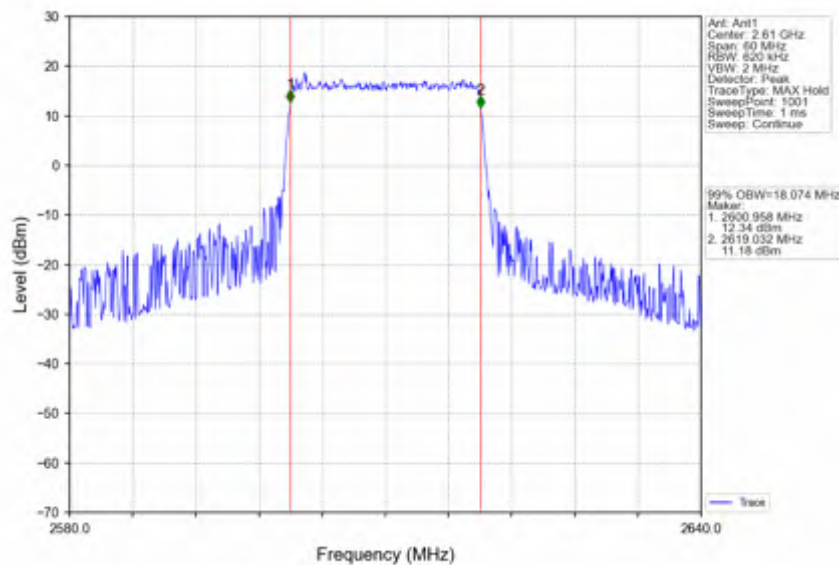


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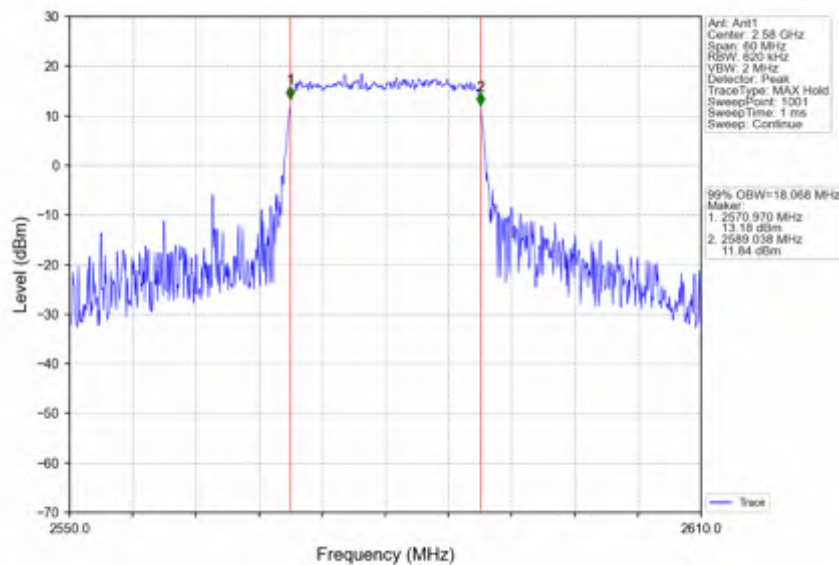
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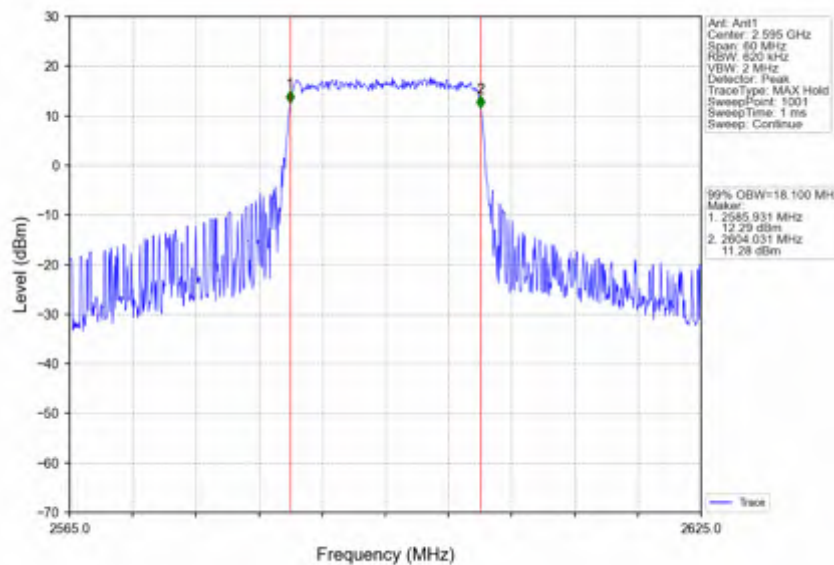
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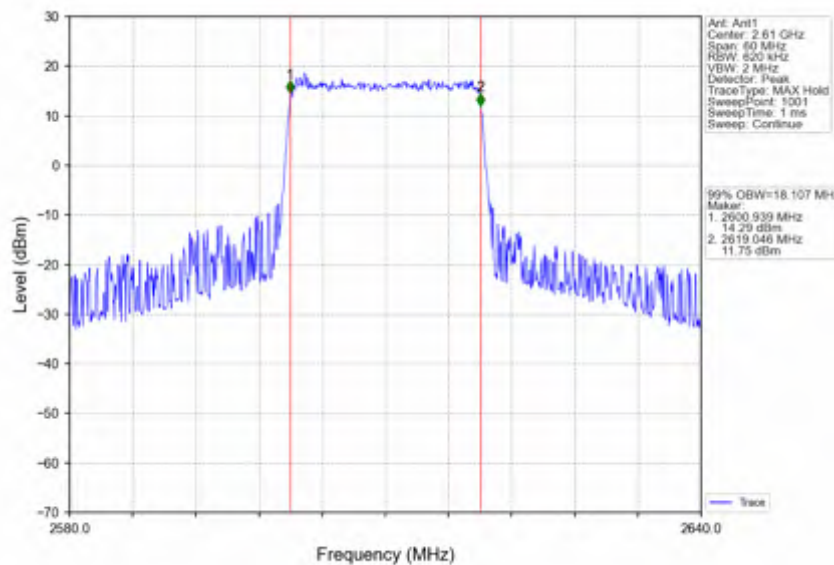
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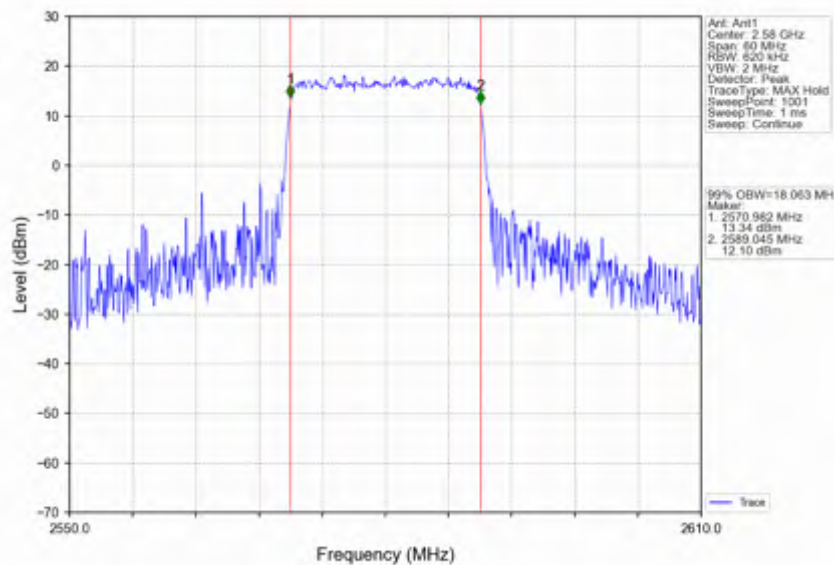
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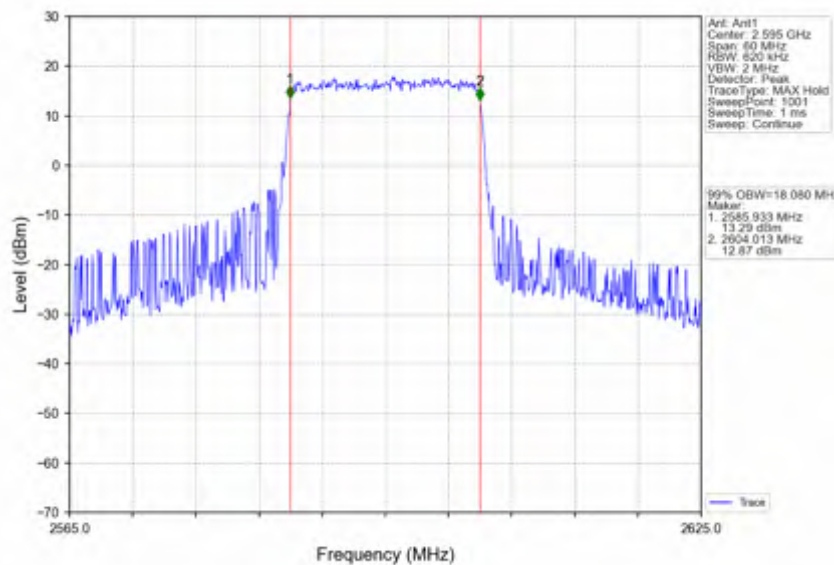
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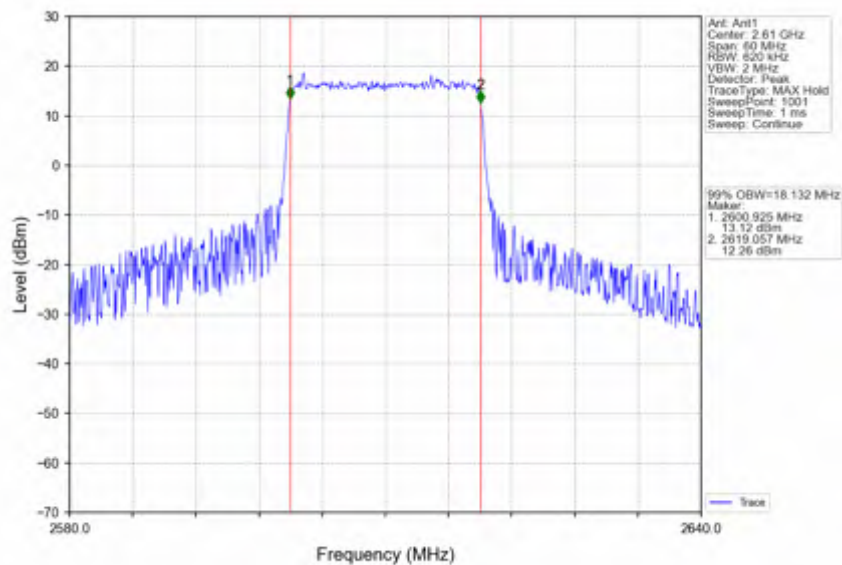
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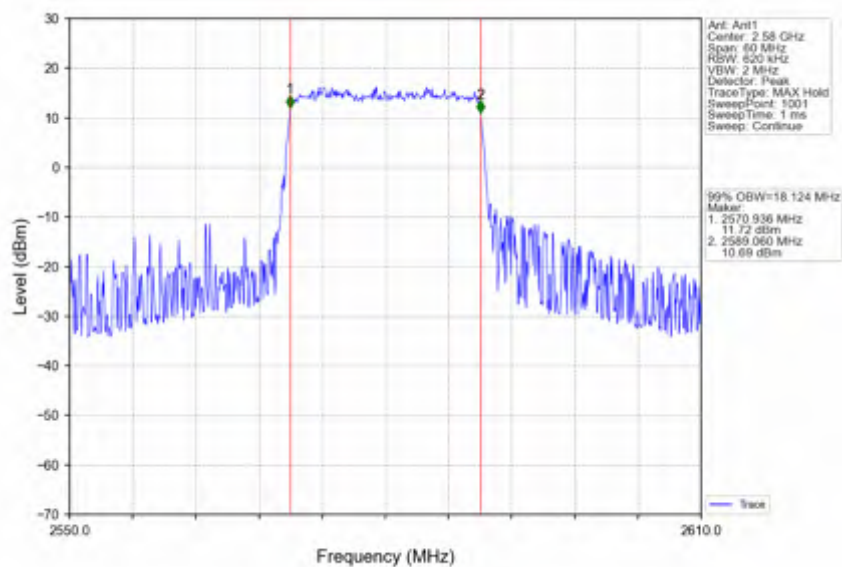
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Band38	20MHz	256QAM	LCH	2580MHz	RB	100	0	NTNV
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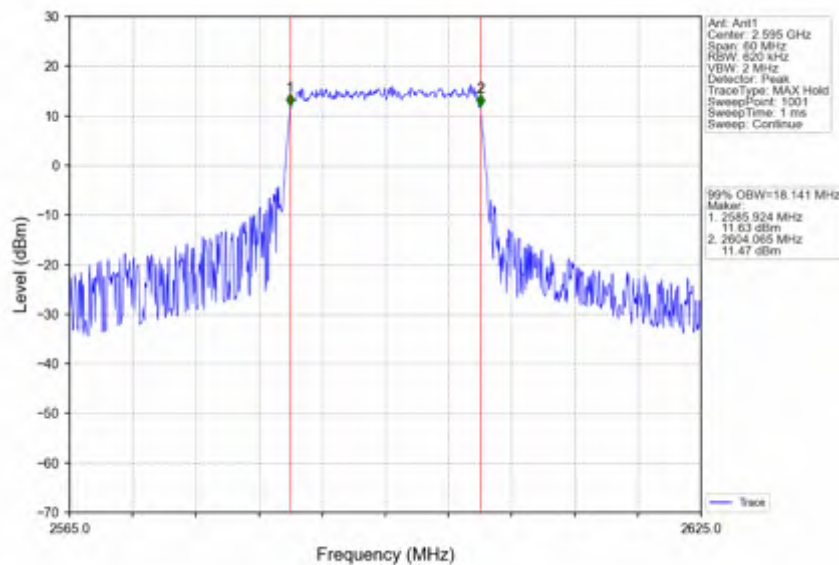


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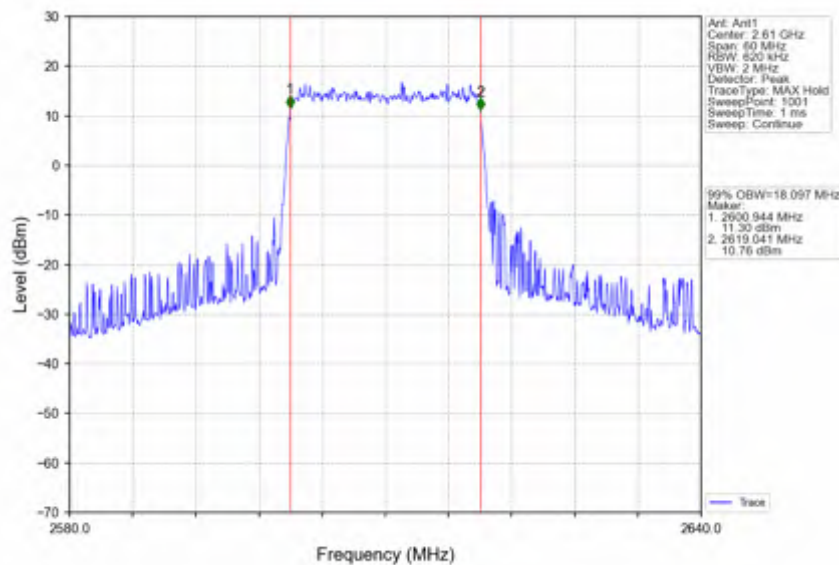
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9.2 Band38_XDB

9.2.1 Test Result

Band: 38 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset		
5	QPSK	2572.5	25	0	5.737	Pass
		2595	25	0	5.229	Pass
		2617.5	25	0	5.028	Pass
	16QAM	2572.5	25	0	5.058	Pass
		2595	25	0	5.195	Pass
		2617.5	25	0	5.026	Pass
	64QAM	2572.5	25	0	5.092	Pass
		2595	25	0	5.299	Pass
		2617.5	25	0	5.054	Pass
	256QAM	2572.5	25	0	5.051	Pass
		2595	25	0	5.016	Pass
		2617.5	25	0	5.014	Pass
10	QPSK	2575	50	0	10.291	Pass
		2595	50	0	10.085	Pass
		2615	50	0	11.618	Pass
	16QAM	2575	50	0	10.452	Pass
		2595	50	0	10.297	Pass
		2615	50	0	11.411	Pass
	64QAM	2575	50	0	10.584	Pass
		2595	50	0	10.303	Pass
		2615	50	0	11.968	Pass
	256QAM	2575	50	0	10.458	Pass
		2595	50	0	10.434	Pass
		2615	50	0	10.027	Pass
15	QPSK	2577.5	75	0	17.311	Pass
		2595	75	0	15.233	Pass
		2612.5	75	0	17.177	Pass
	16QAM	2577.5	75	0	18.381	Pass
		2595	75	0	15.065	Pass
		2612.5	75	0	15.975	Pass
	64QAM	2577.5	75	0	18.117	Pass
		2595	75	0	14.926	Pass
		2612.5	75	0	16.692	Pass
	256QAM	2577.5	75	0	17.970	Pass
		2595	75	0	15.302	Pass
		2612.5	75	0	16.613	Pass
20	QPSK	2580	100	0	24.566	Pass
		2595	100	0	22.830	Pass
		2610	100	0	20.117	Pass
	16QAM	2580	100	0	26.711	Pass
		2595	100	0	23.656	Pass
		2610	100	0	19.680	Pass
	64QAM	2580	100	0	27.700	Pass
		2595	100	0	22.567	Pass
		2610	100	0	20.152	Pass
	256QAM	2580	100	0	20.492	Pass



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		2595	100	0	22.460	Pass
		2610	100	0	20.674	Pass



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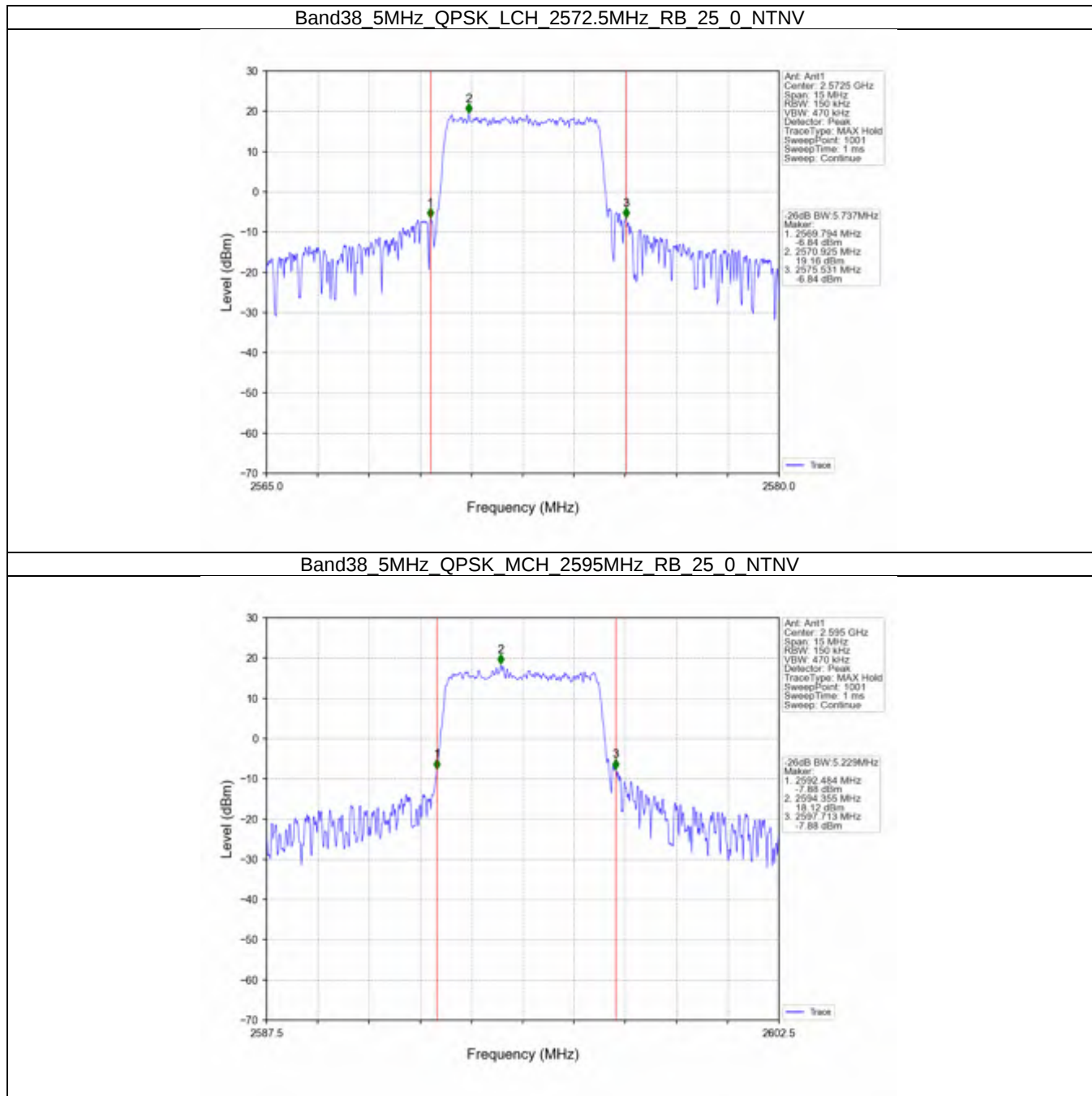
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9.2.2 Test Graph



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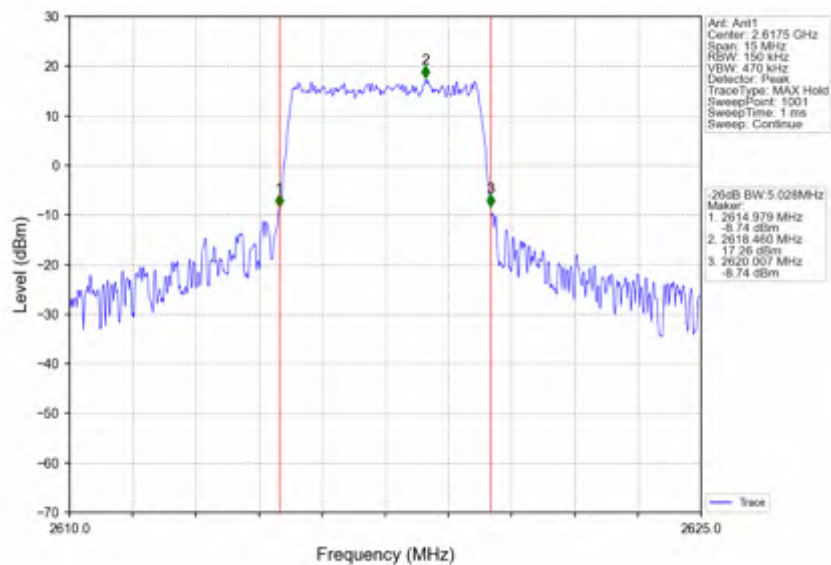
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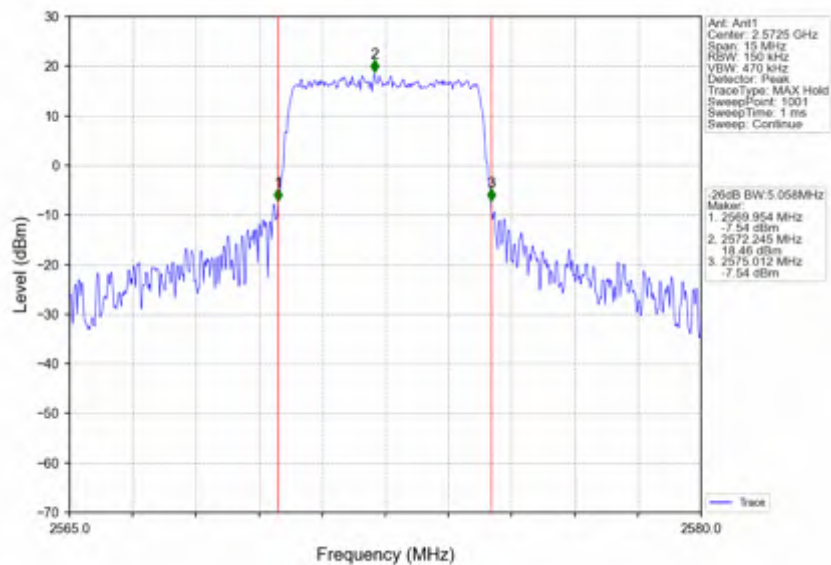
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Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTNV

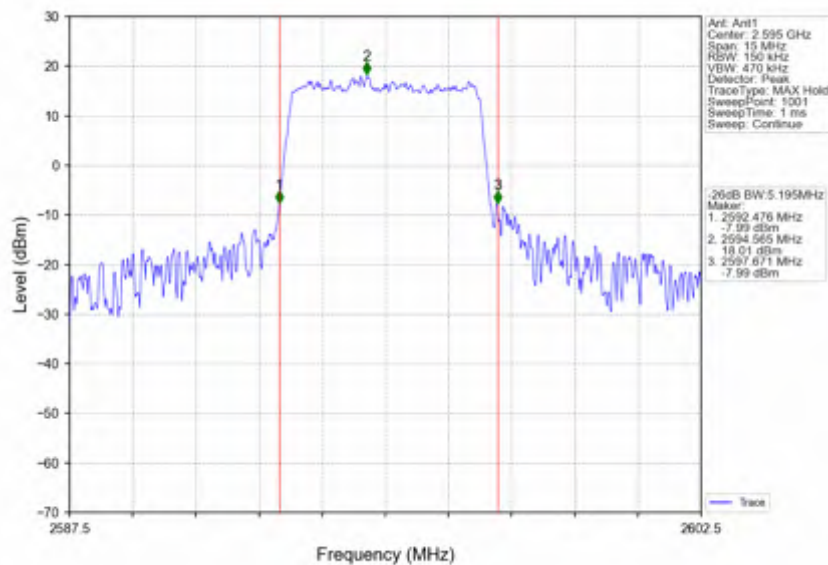


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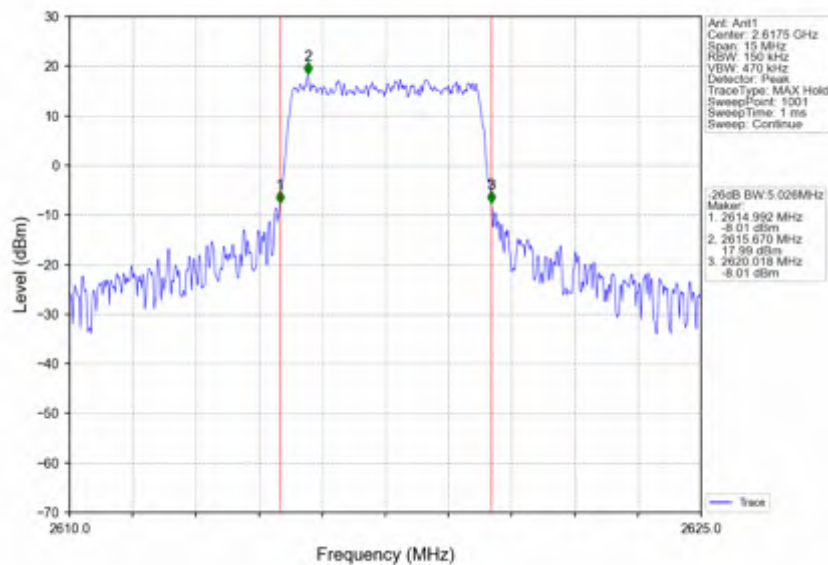
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Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



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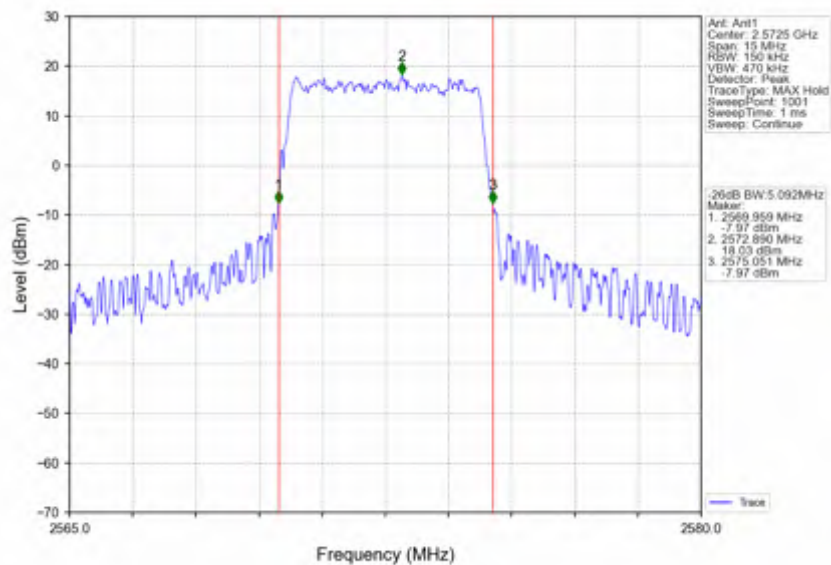
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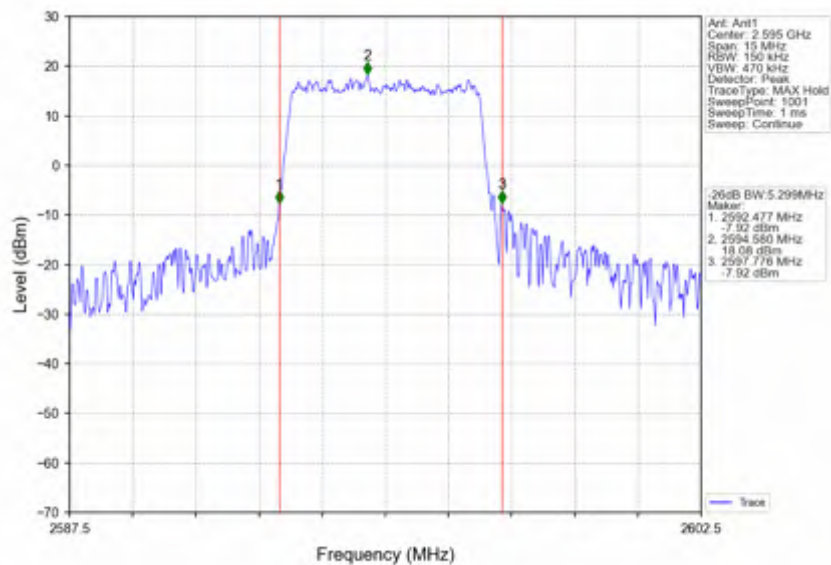
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Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



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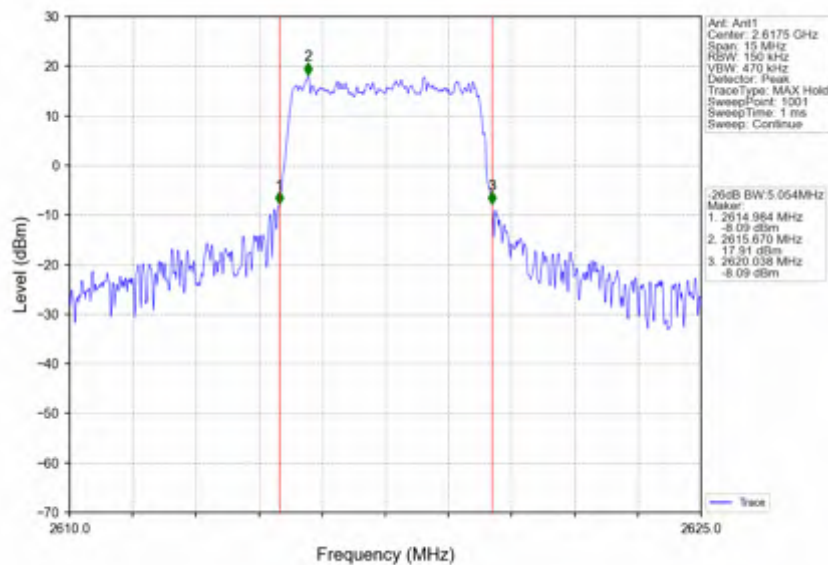
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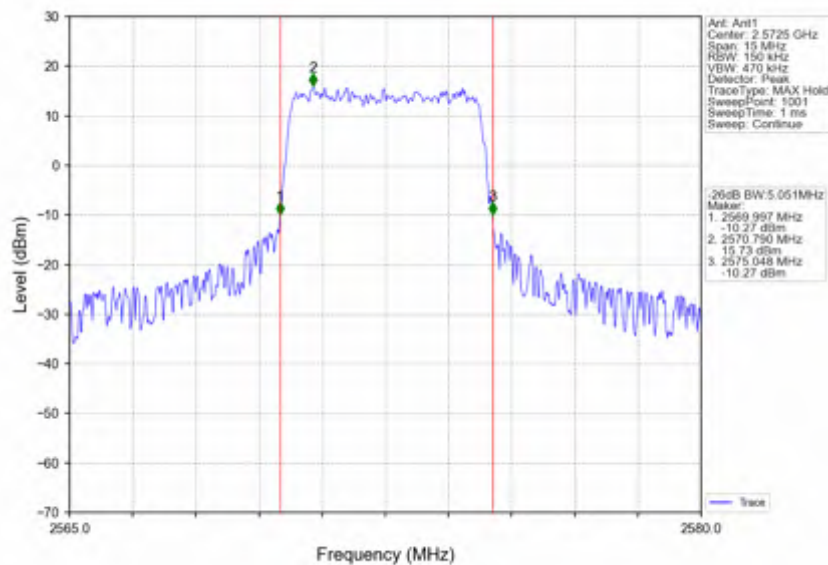
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Band38_5MHz_256QAM_LCH_2572.5MHz_RB_25_0_NTNV



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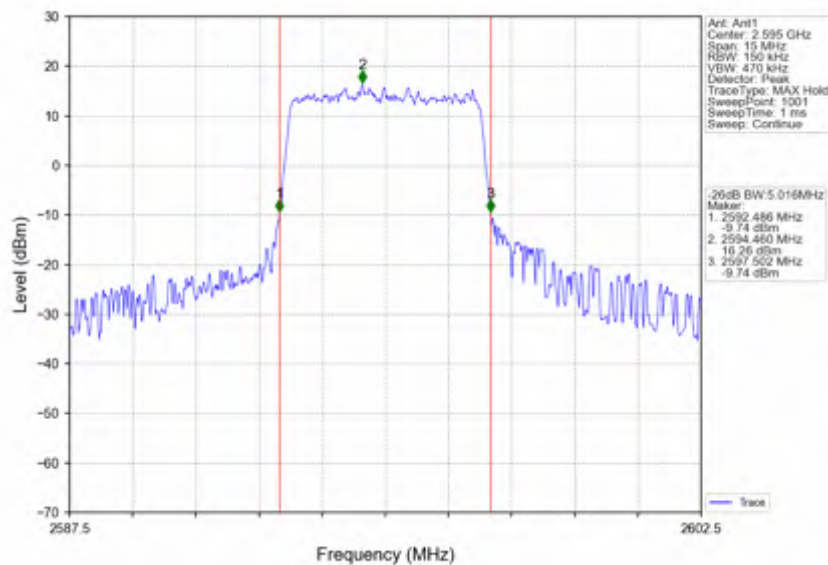
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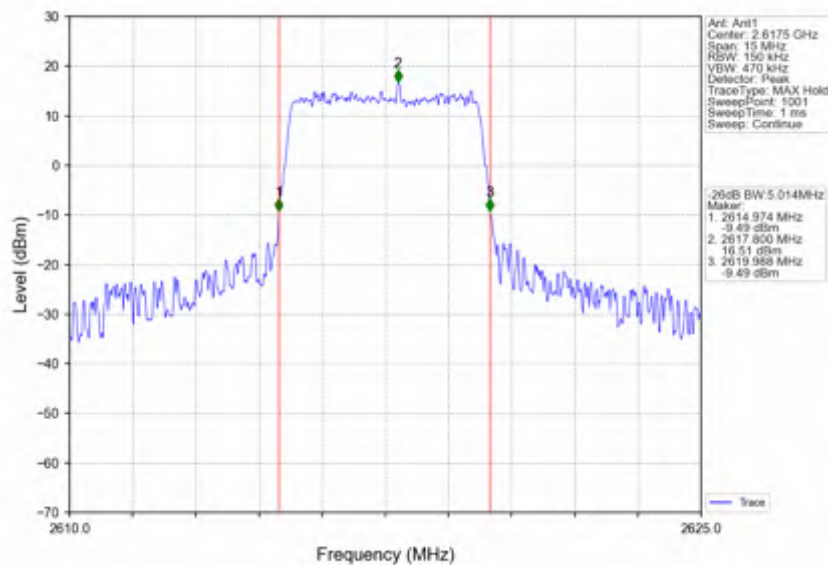
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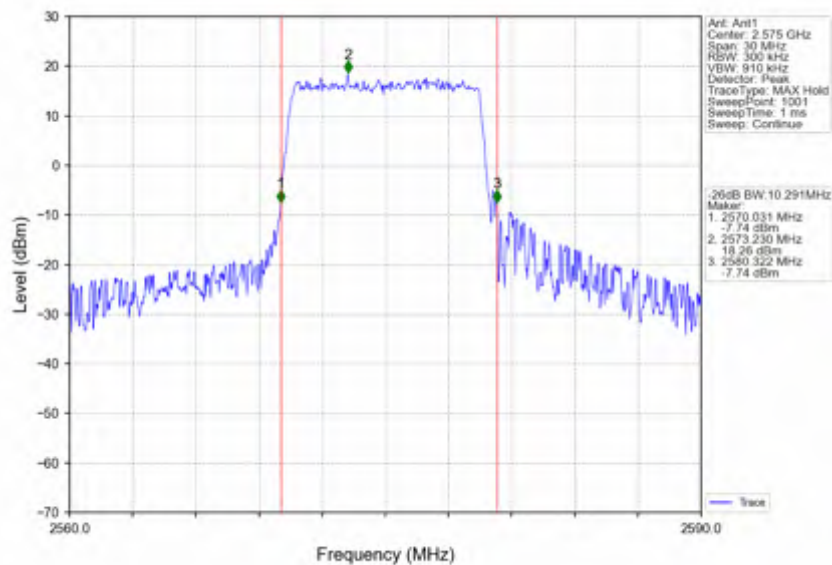
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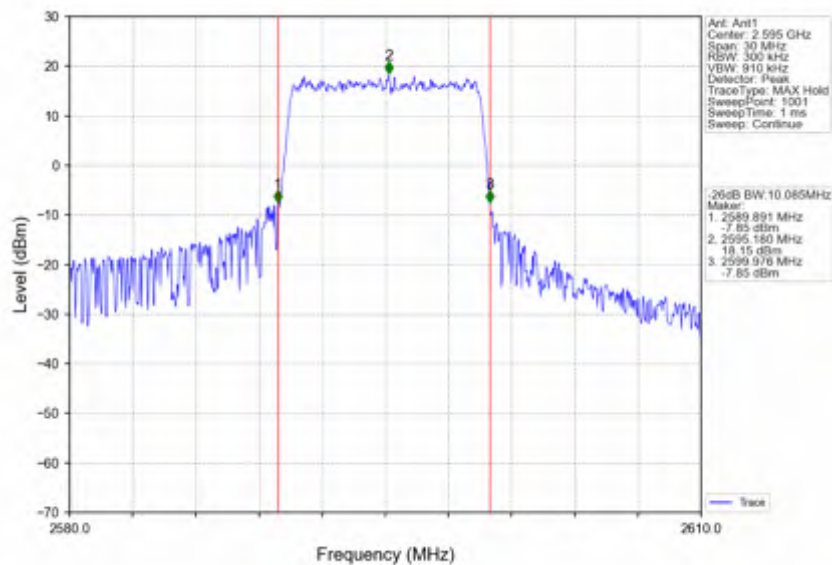
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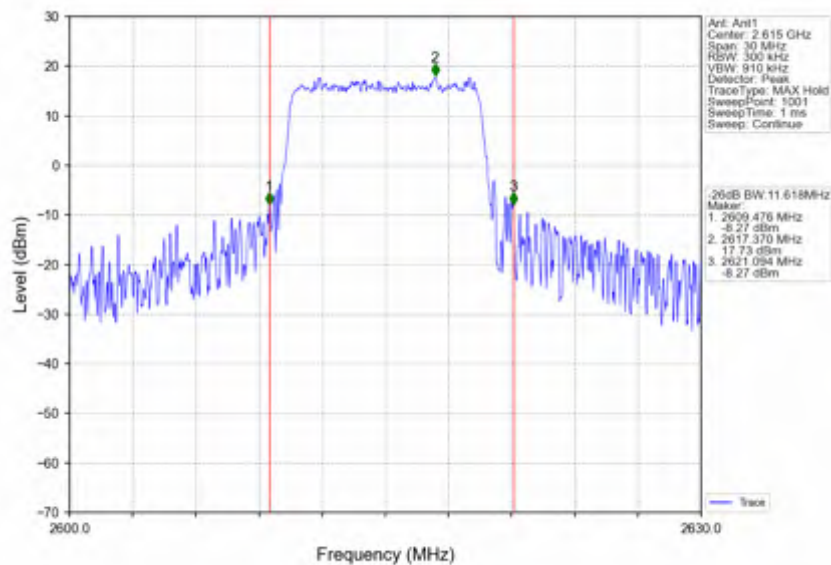
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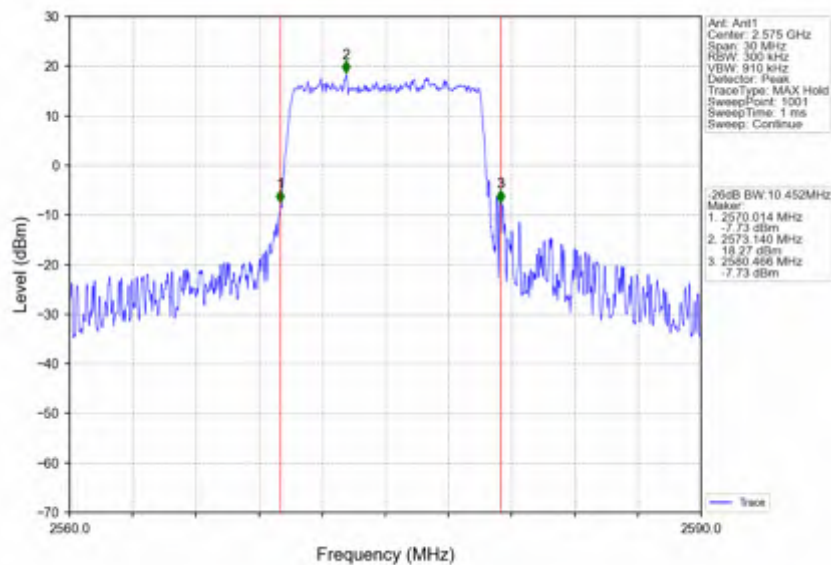
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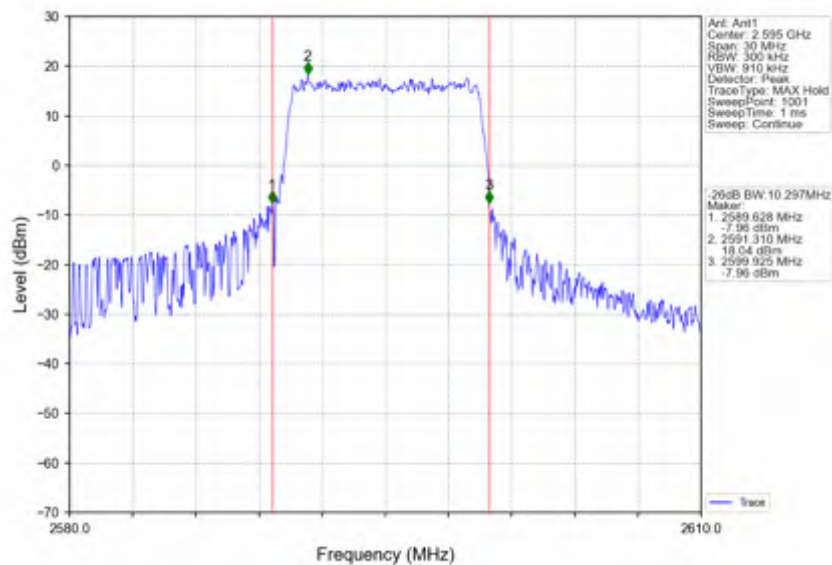
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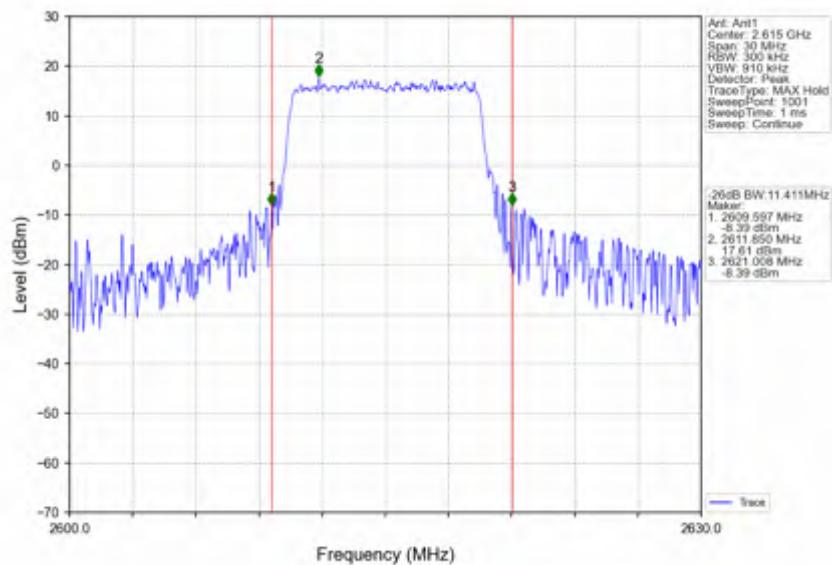
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Band38 10MHz 16QAM HCH 2615MHz RB 50 0 NTNV

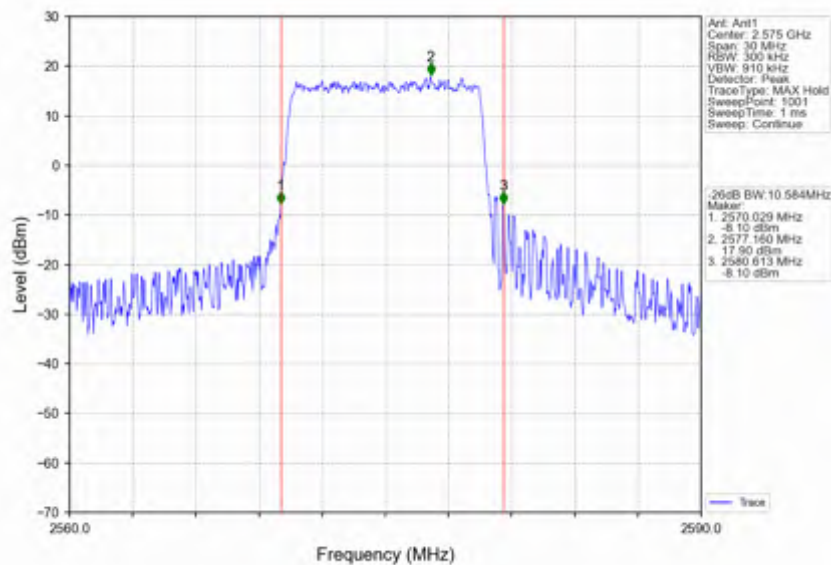


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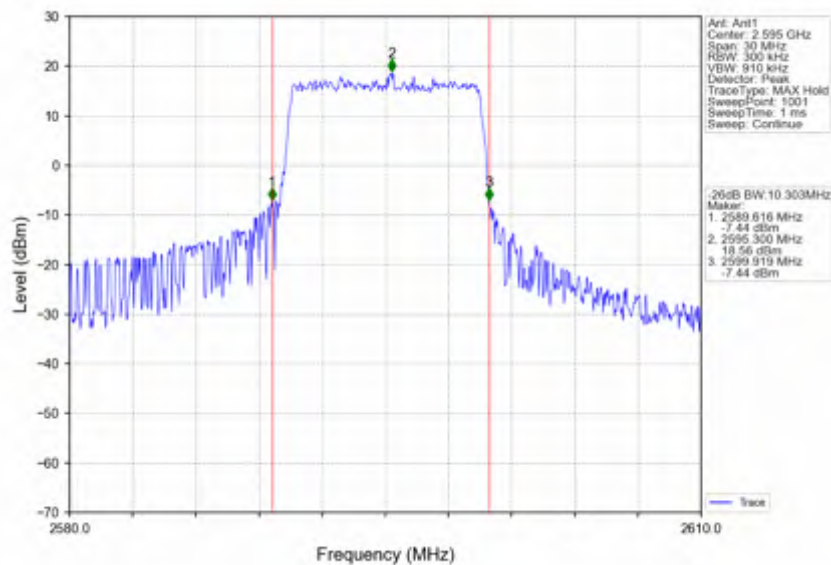
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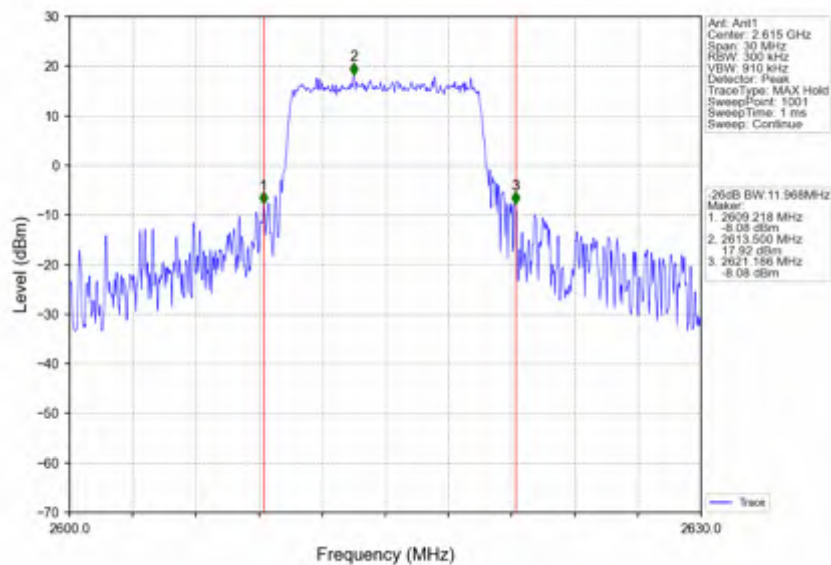
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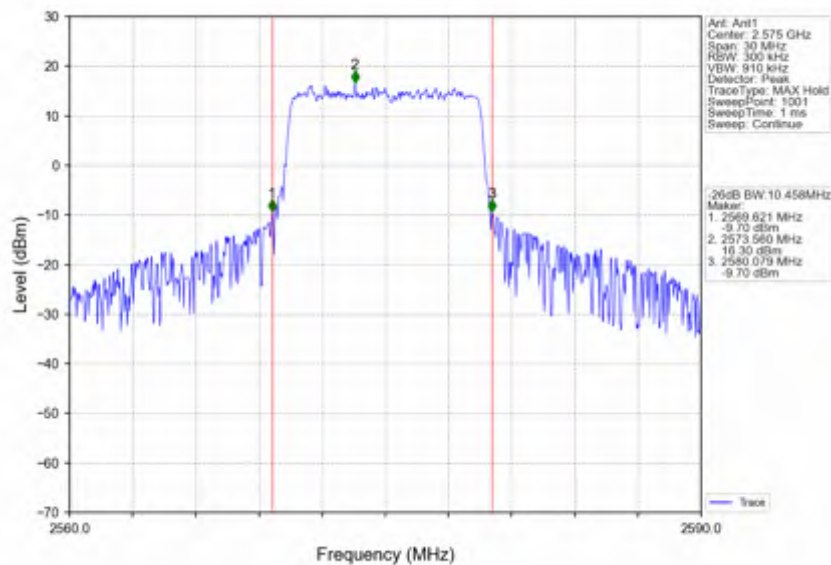
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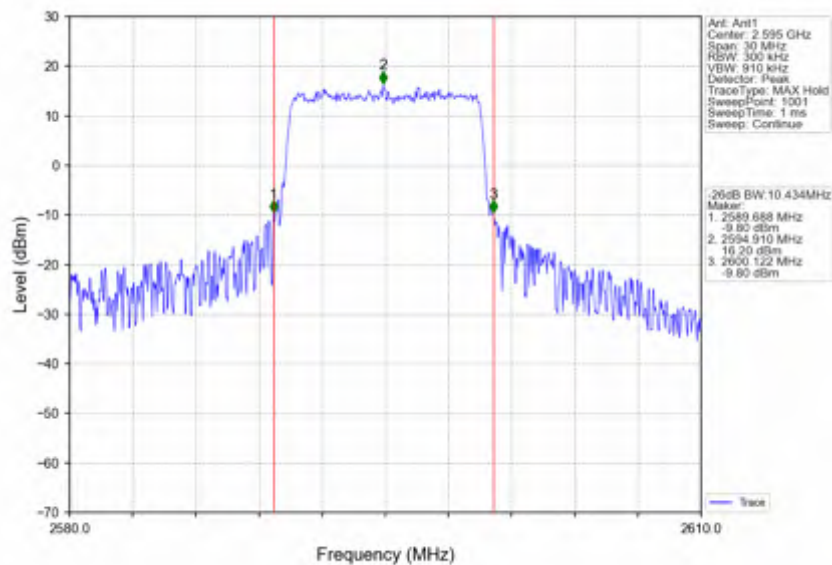
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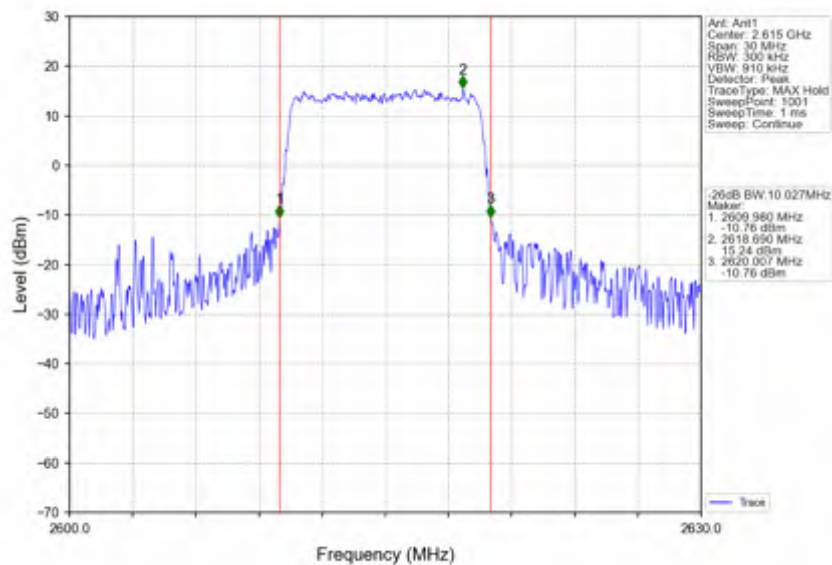
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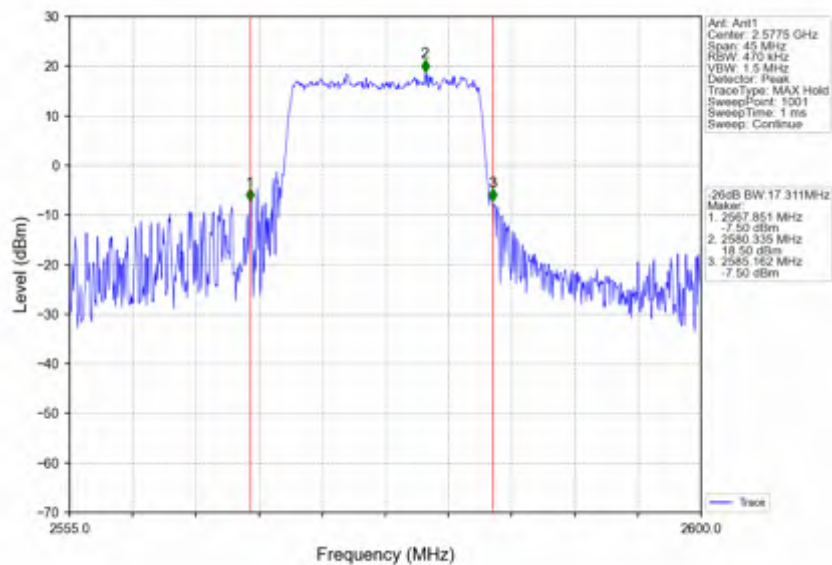
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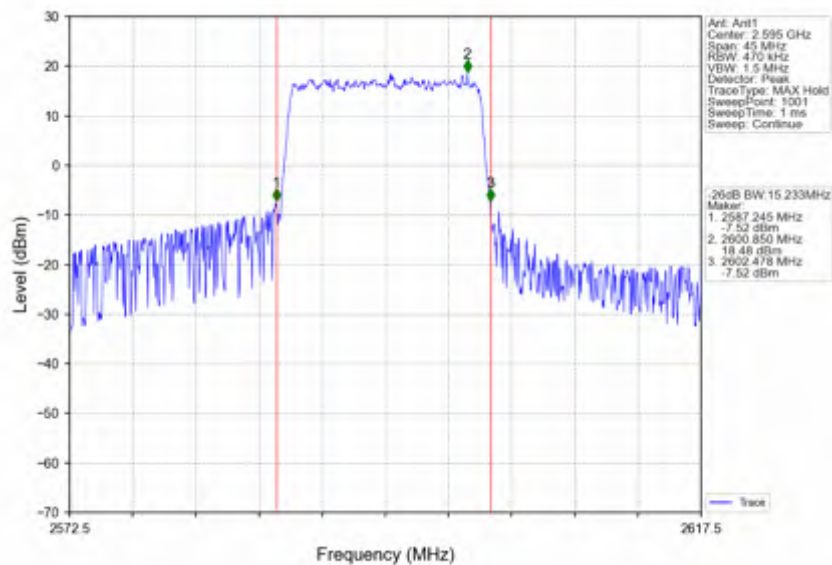
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Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



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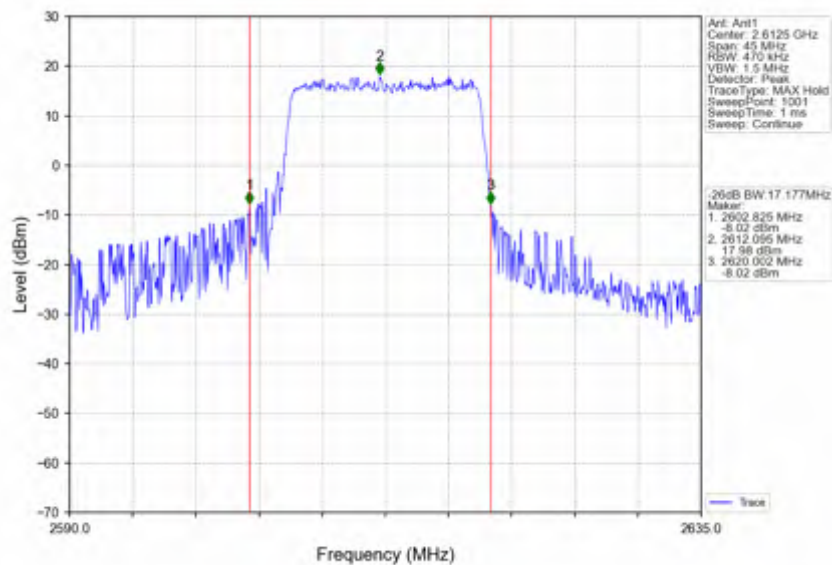
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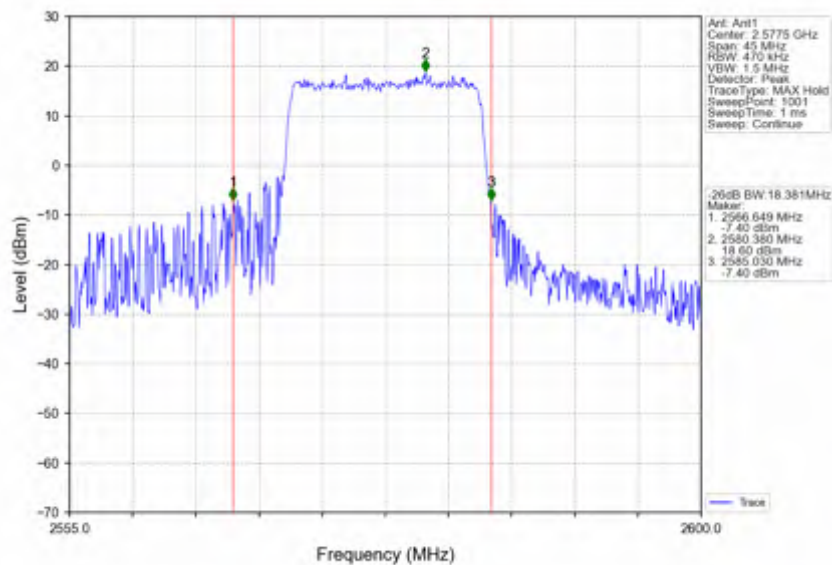
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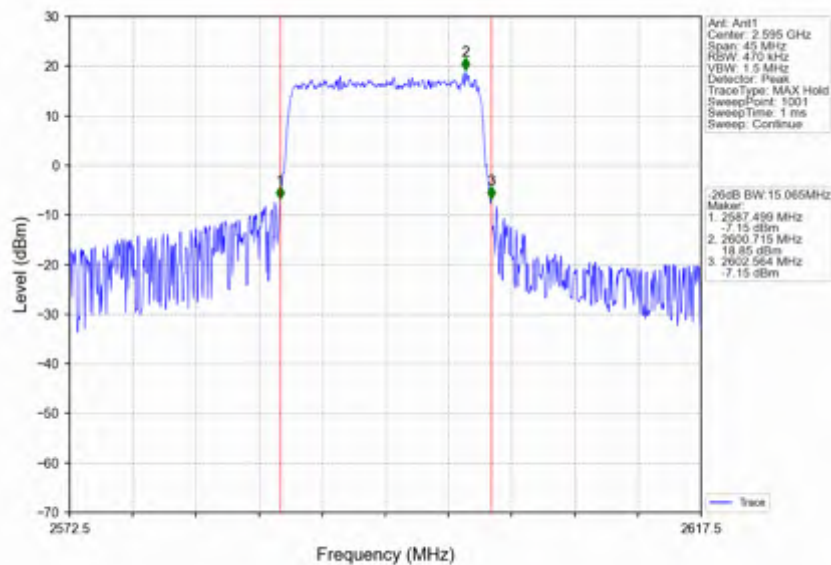
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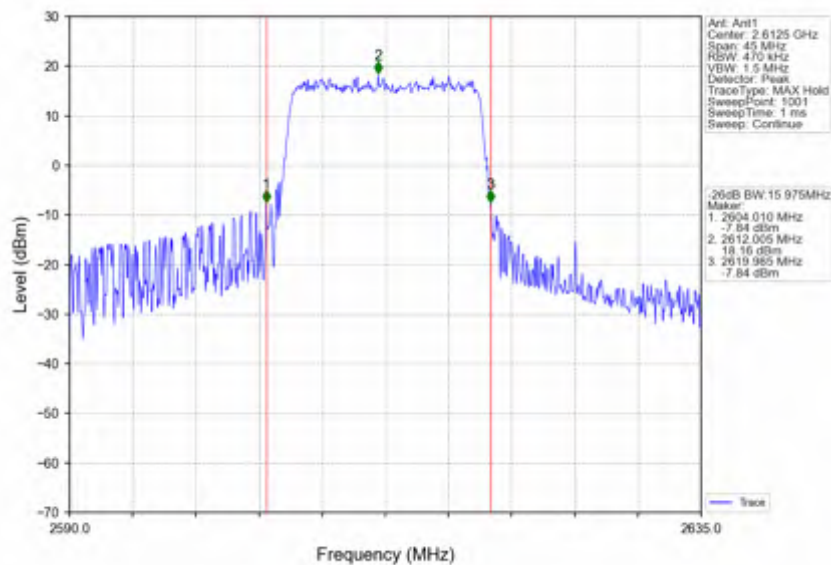
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Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



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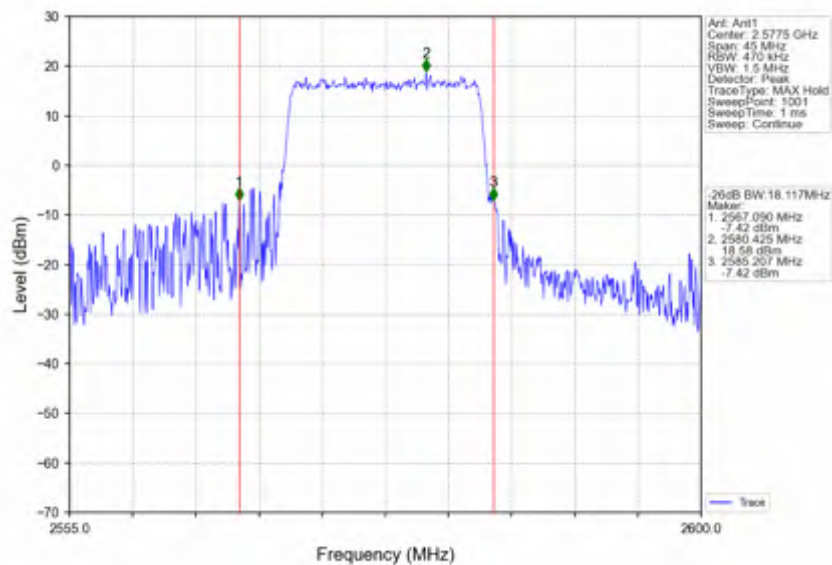
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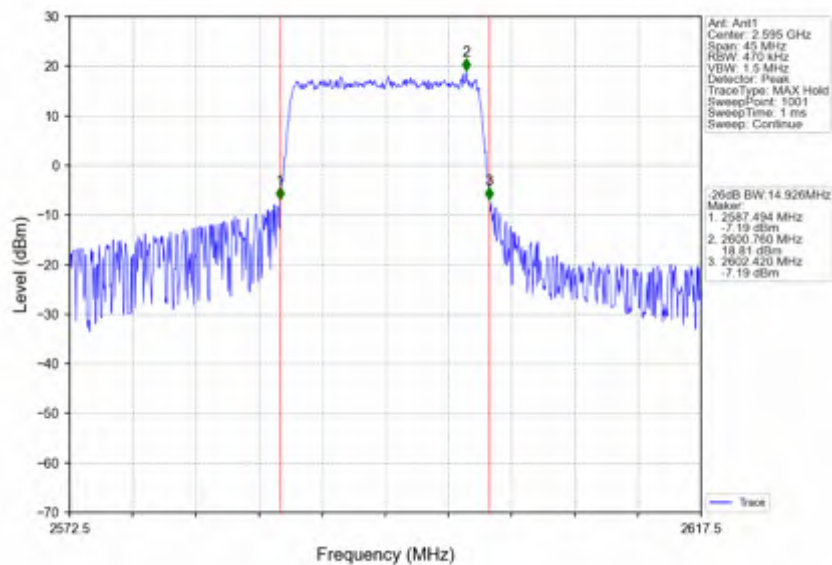
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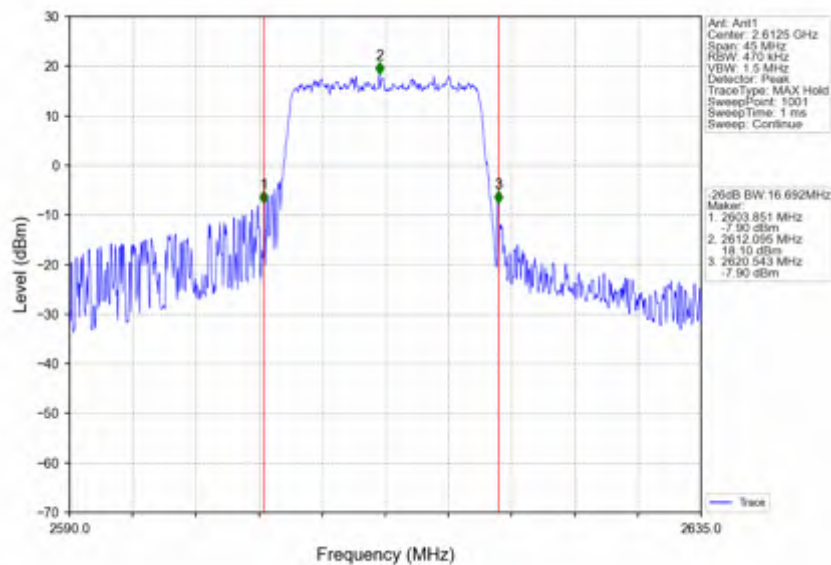
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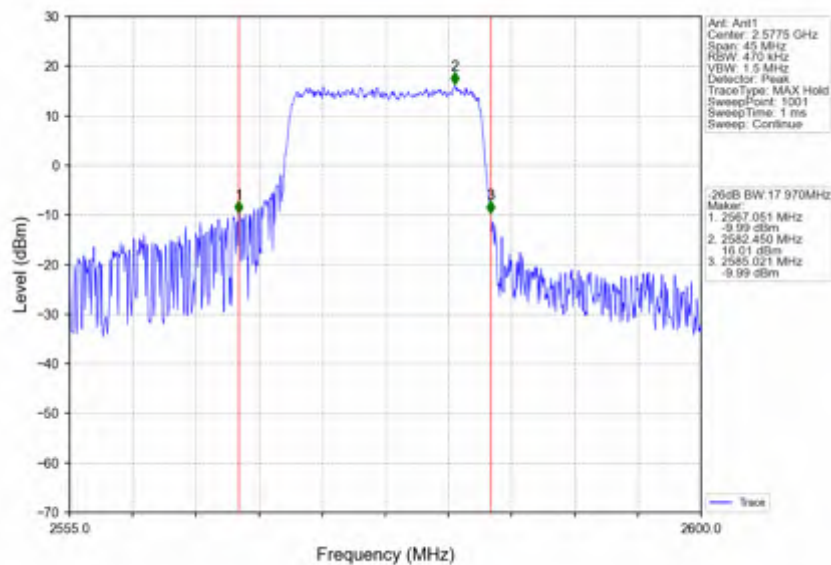
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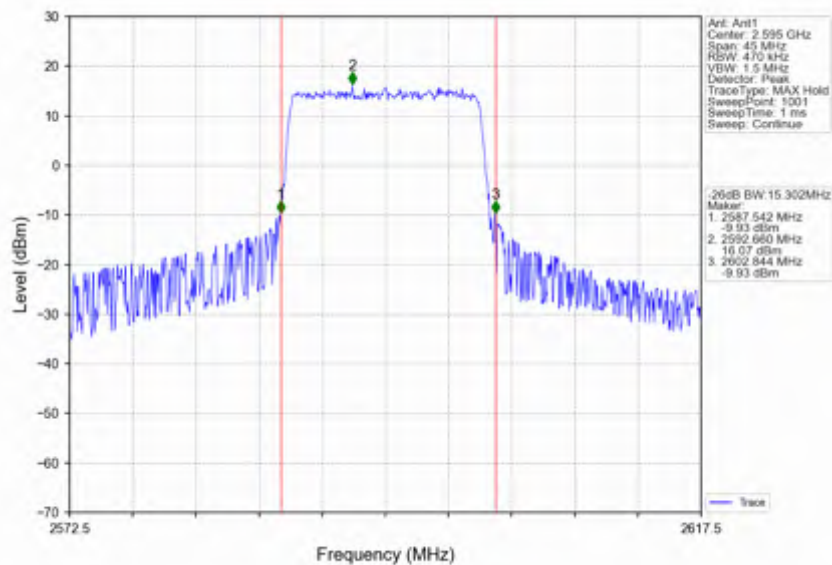
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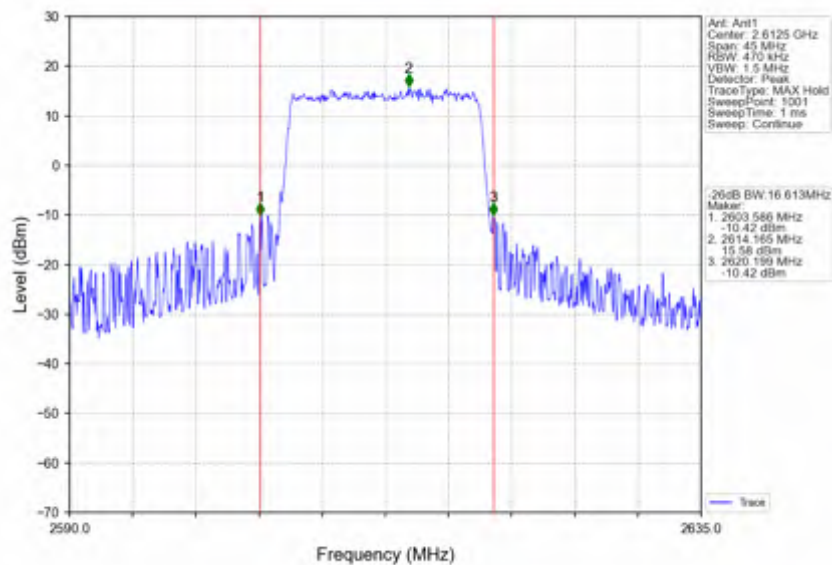
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Band38 15MHz 256QAM MCH 2595MHz RB 75 0 NTNV



Band38 15MHz 256QAM HCH 2612.5MHz RB 75 0 NTNv



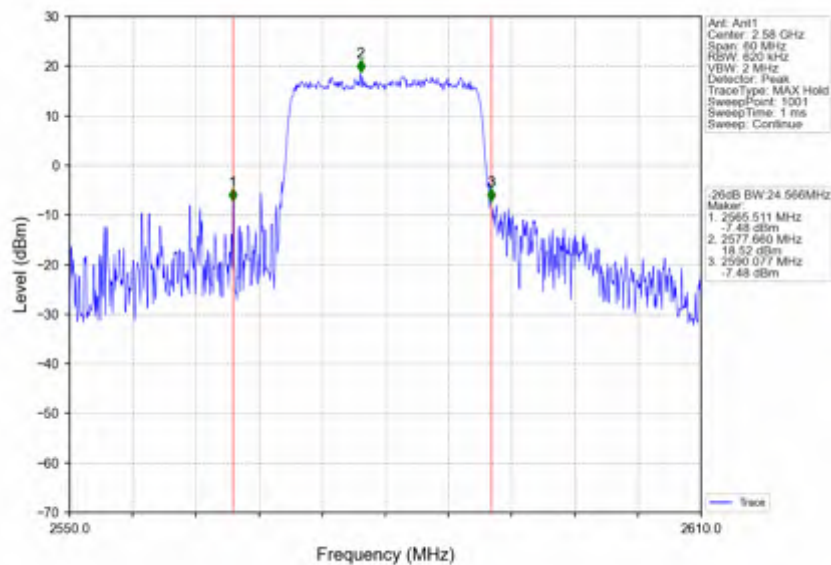
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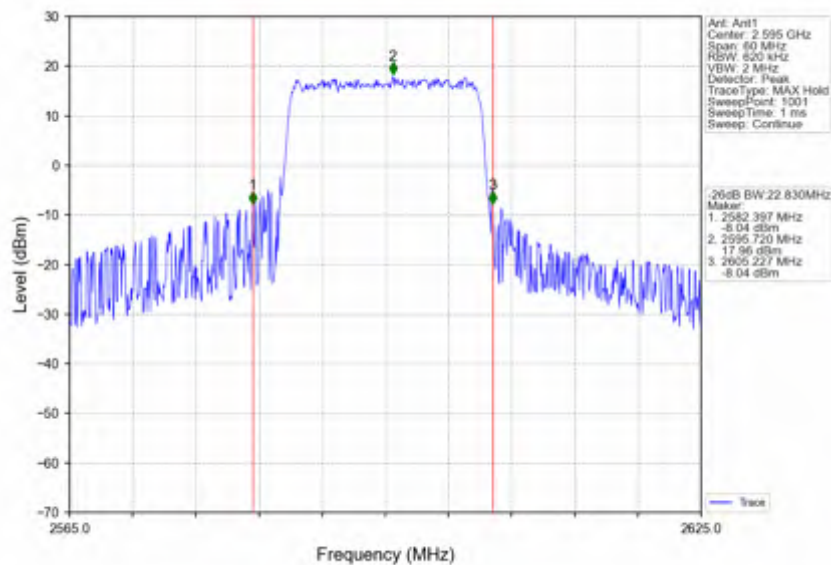
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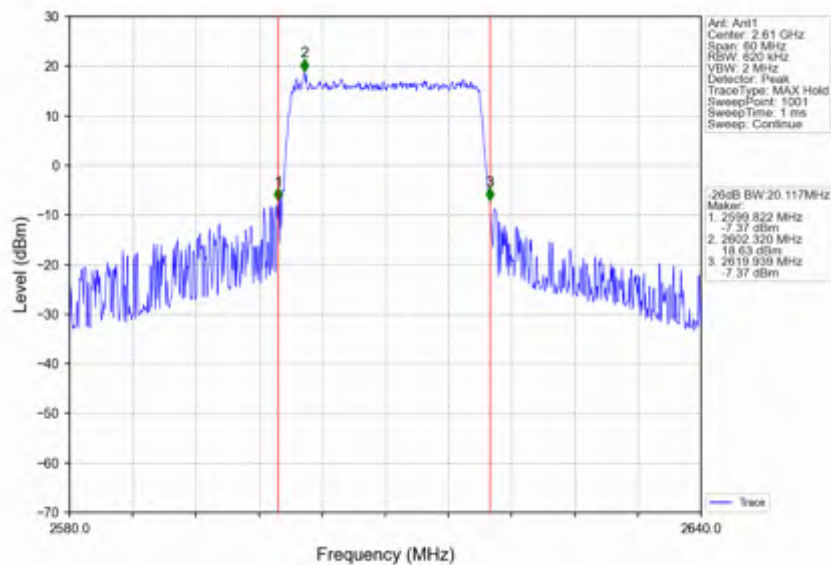
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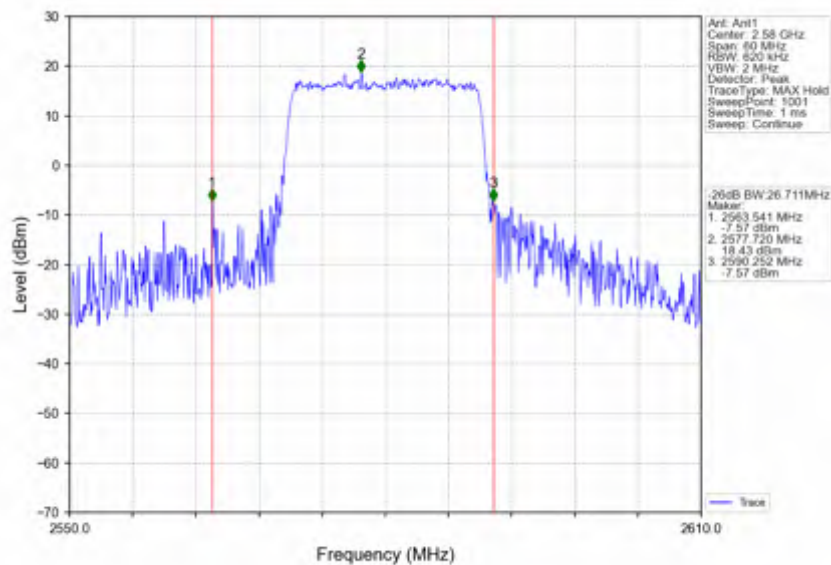
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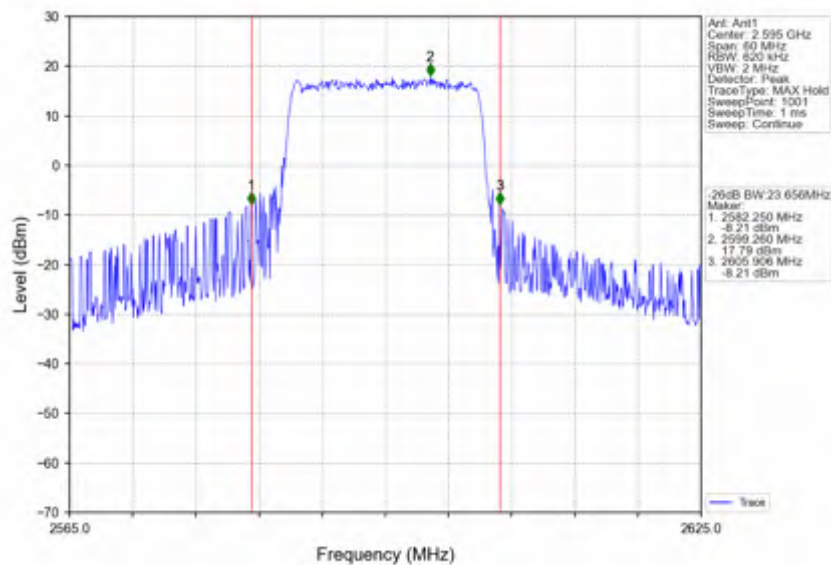
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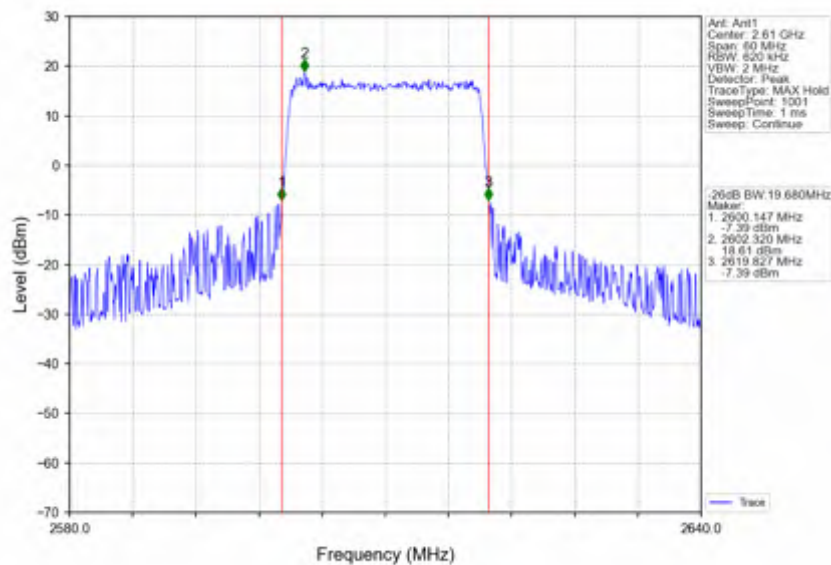
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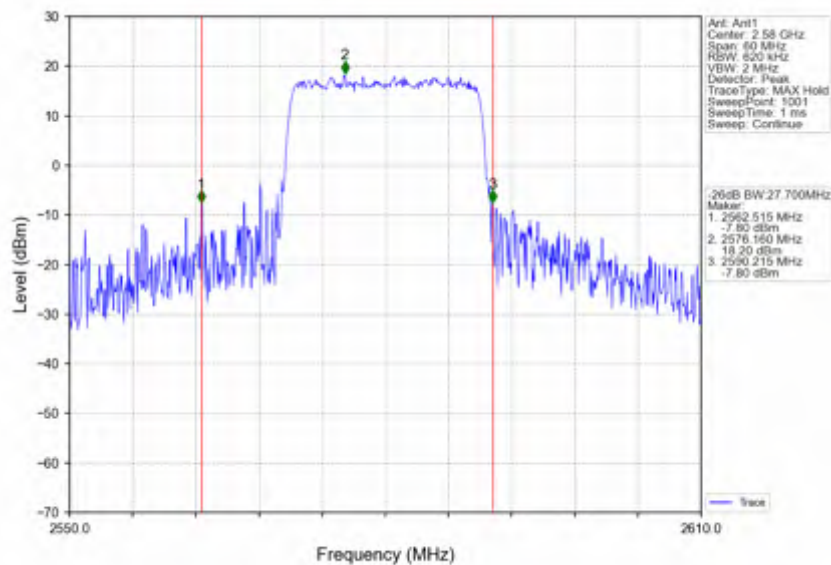
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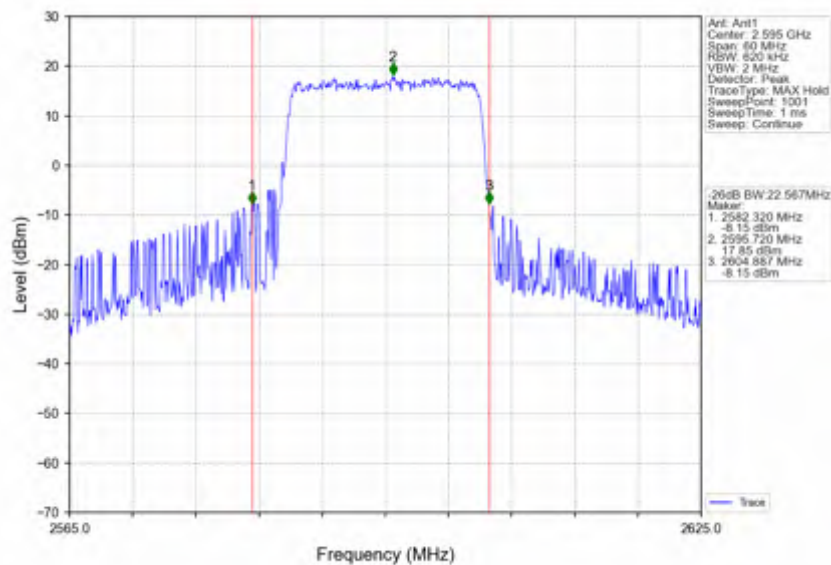
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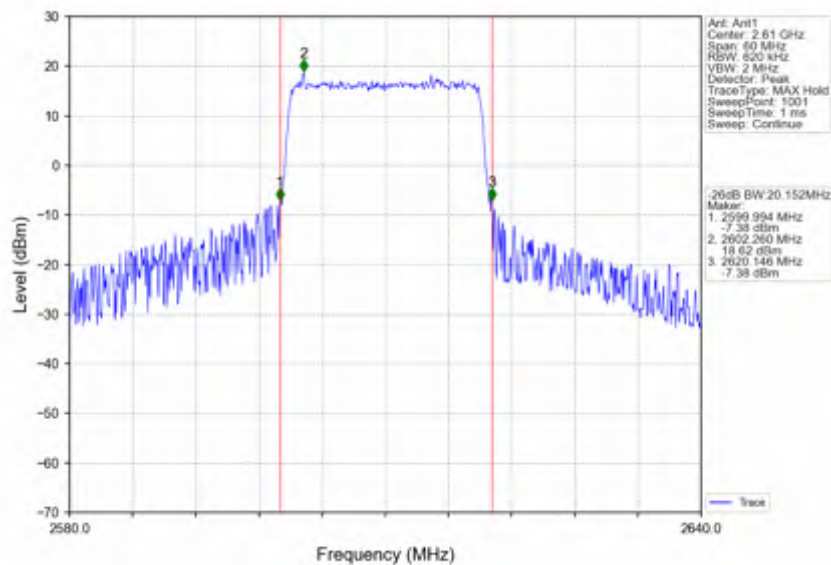
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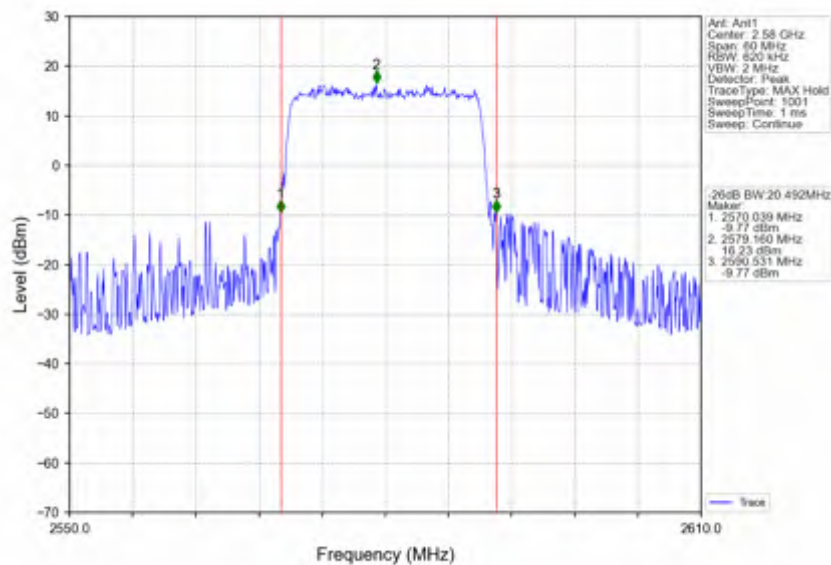
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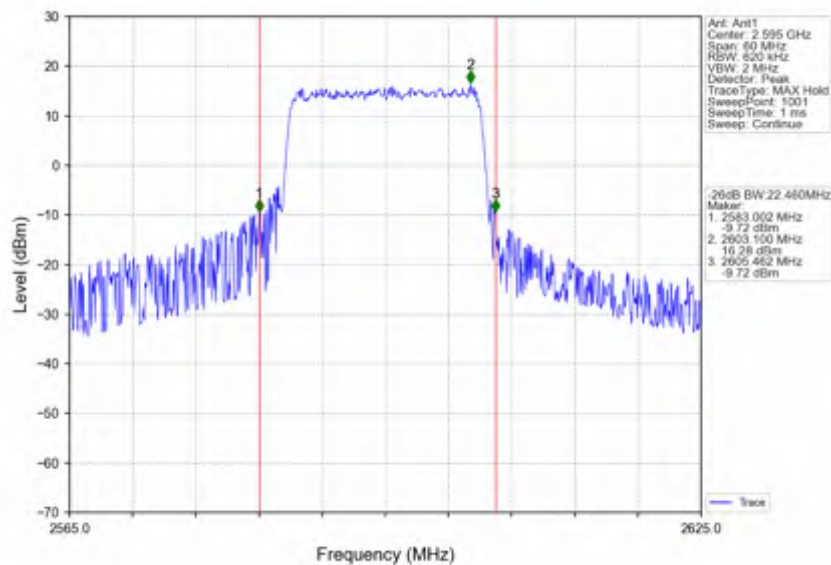
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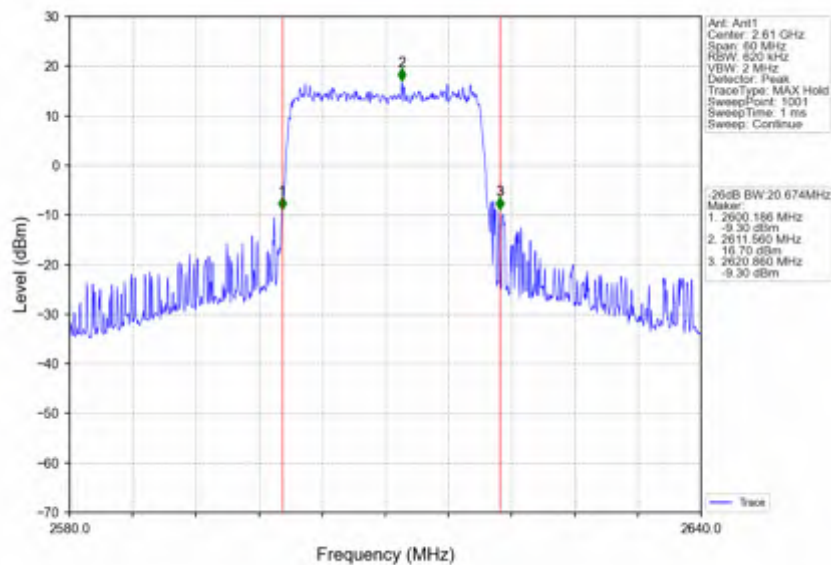
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Band38_20MHz_256QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_256QAM_HCH_2610MHz_RB_100_0_NTNV



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10. 99% & 26dB Bandwidth

10.1 Band41 OBW

10.1.1 Test Result

Band: 41 / NTVN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	4.545	Pass
		2593	25	0	4.544	Pass
		2687.5	25	0	4.544	Pass
	16QAM	2498.5	25	0	4.547	Pass
		2593	25	0	4.541	Pass
		2687.5	25	0	4.536	Pass
	64QAM	2498.5	25	0	4.548	Pass
		2593	25	0	4.526	Pass
		2687.5	25	0	4.545	Pass
	256QAM	2498.5	25	0	4.539	Pass
		2593	25	0	4.564	Pass
		2687.5	25	0	4.540	Pass
10	QPSK	2501	50	0	9.039	Pass
		2593	50	0	9.078	Pass
		2685	50	0	9.059	Pass
	16QAM	2501	50	0	9.063	Pass
		2593	50	0	9.097	Pass
		2685	50	0	9.054	Pass
	64QAM	2501	50	0	9.058	Pass
		2593	50	0	9.116	Pass
		2685	50	0	9.053	Pass
	256QAM	2501	50	0	9.081	Pass
		2593	50	0	9.048	Pass
		2685	50	0	9.076	Pass
15	QPSK	2503.5	75	0	13.556	Pass
		2593	75	0	13.609	Pass
		2682.5	75	0	13.610	Pass
	16QAM	2503.5	75	0	13.548	Pass
		2593	75	0	13.584	Pass
		2682.5	75	0	13.617	Pass
	64QAM	2503.5	75	0	13.555	Pass
		2593	75	0	13.568	Pass
		2682.5	75	0	13.527	Pass
	256QAM	2503.5	75	0	13.556	Pass
		2593	75	0	13.581	Pass
		2682.5	75	0	13.598	Pass
20	QPSK	2506	100	0	18.057	Pass
		2593	100	0	18.119	Pass
		2680	100	0	18.062	Pass
	16QAM	2506	100	0	18.059	Pass
		2593	100	0	18.130	Pass
	64QAM	2506	100	0	18.039	Pass



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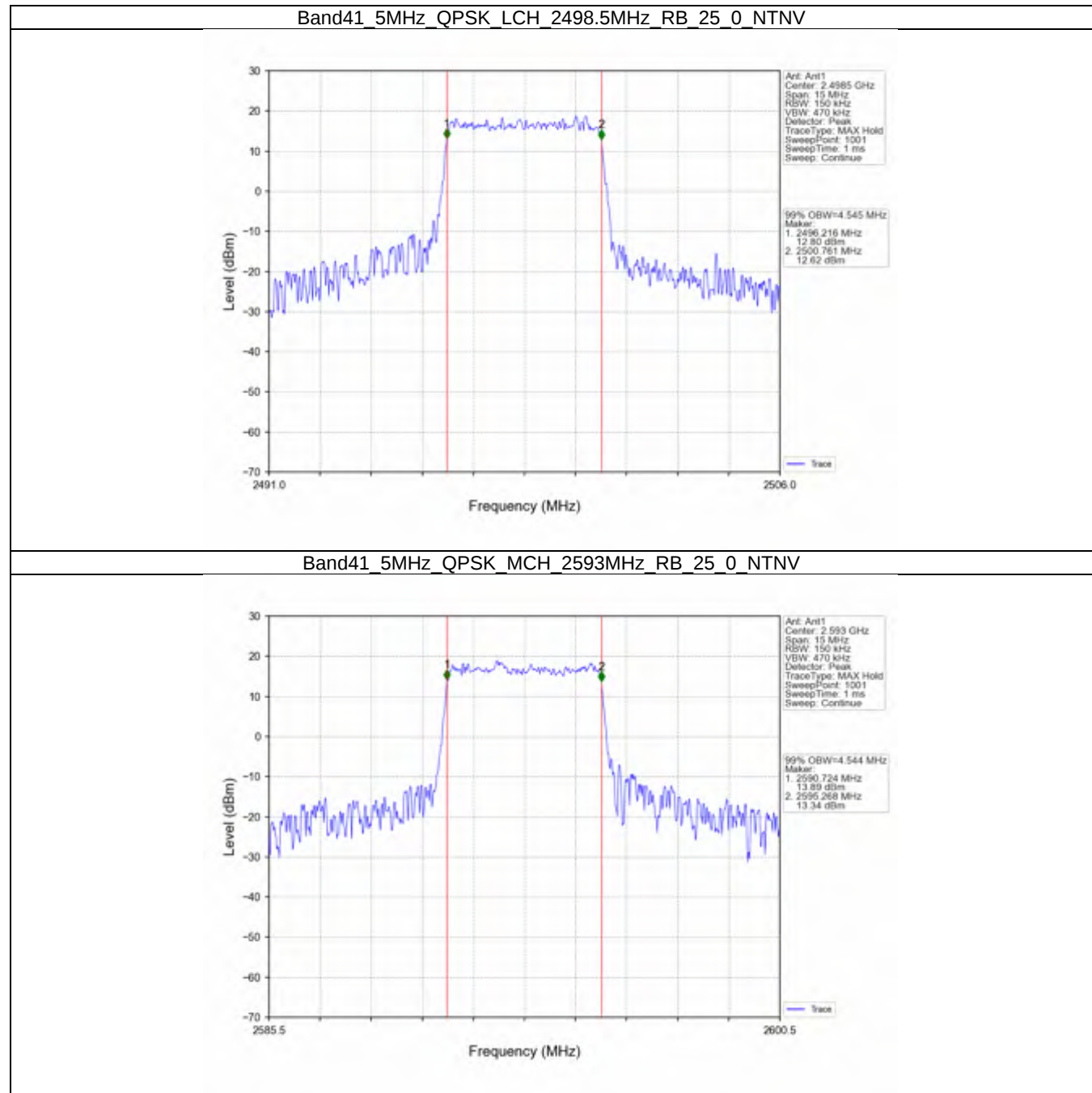
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		2593	100	0	18.119	Pass
		2680	100	0	18.081	Pass
	256QAM	2506	100	0	18.083	Pass
		2593	100	0	18.105	Pass
		2680	100	0	18.117	Pass

10.1.2 Test Graph



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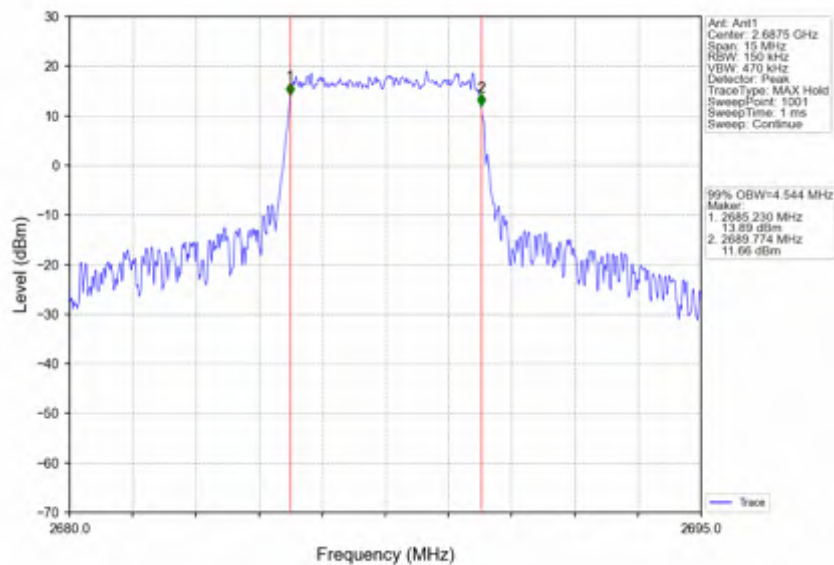
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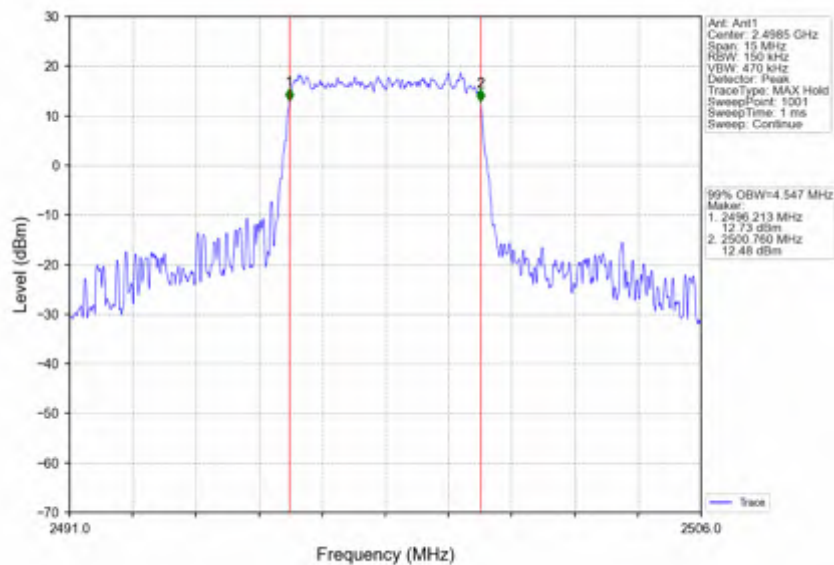
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Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



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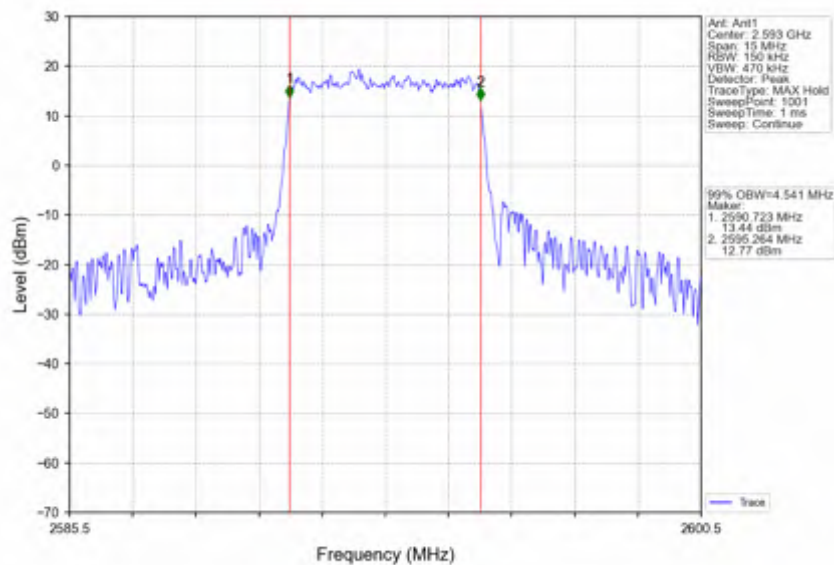
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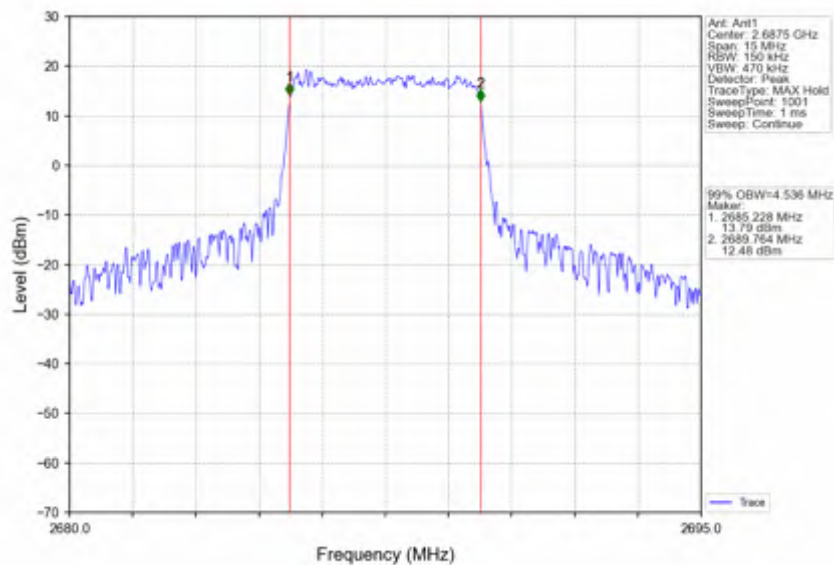
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Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



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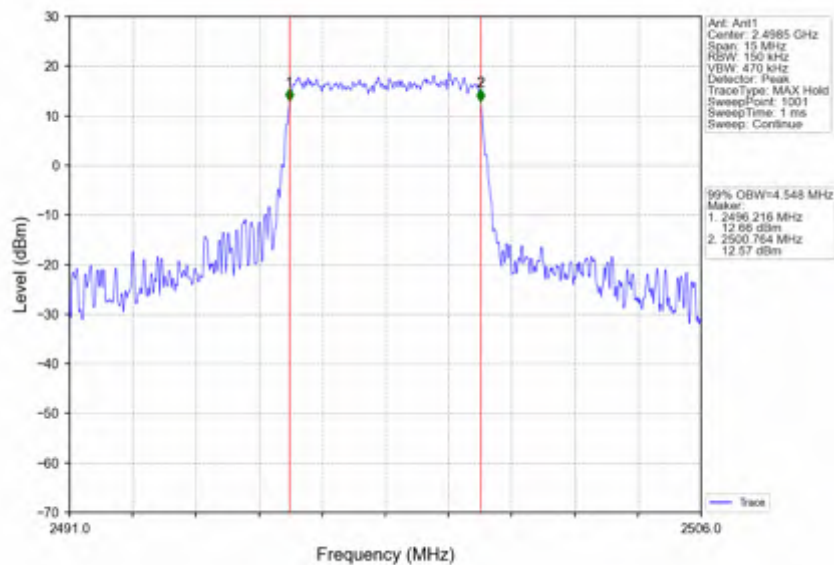
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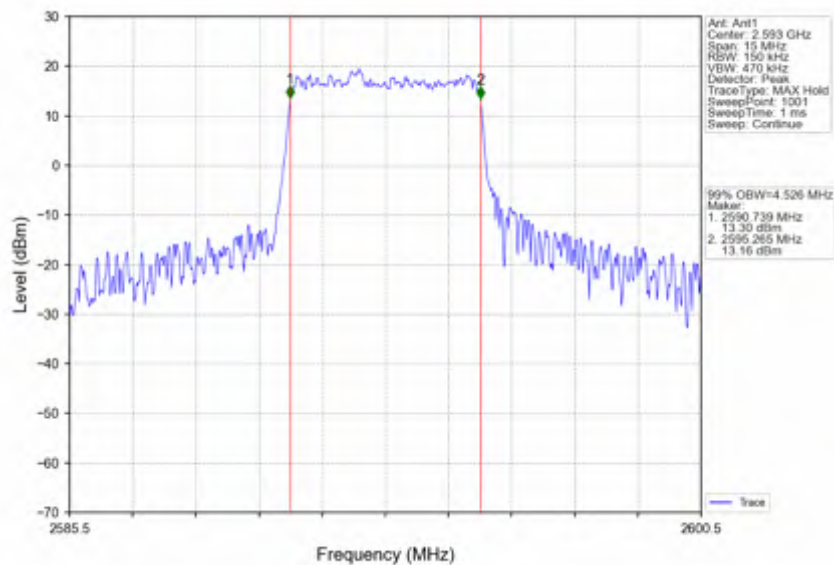
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Band41 5MHz 64QAM LCH 2498.5MHz RB 25 0 NTNV



Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV

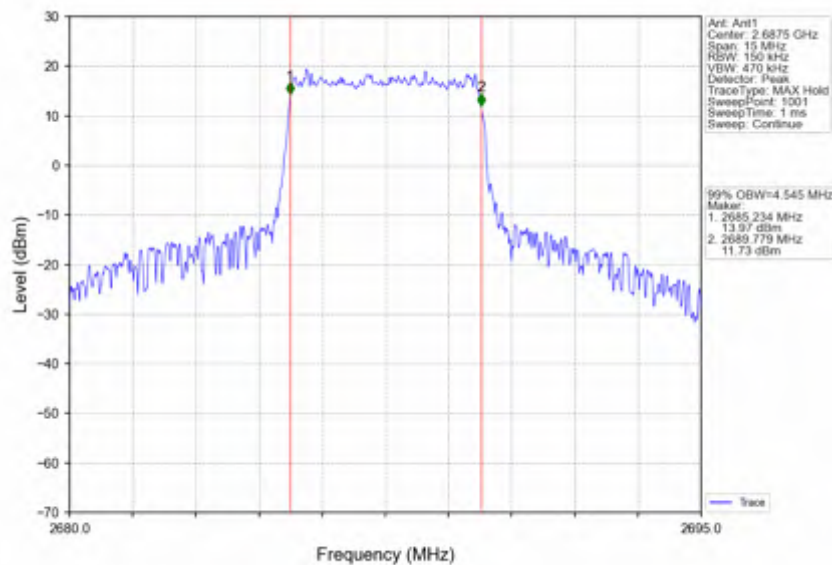


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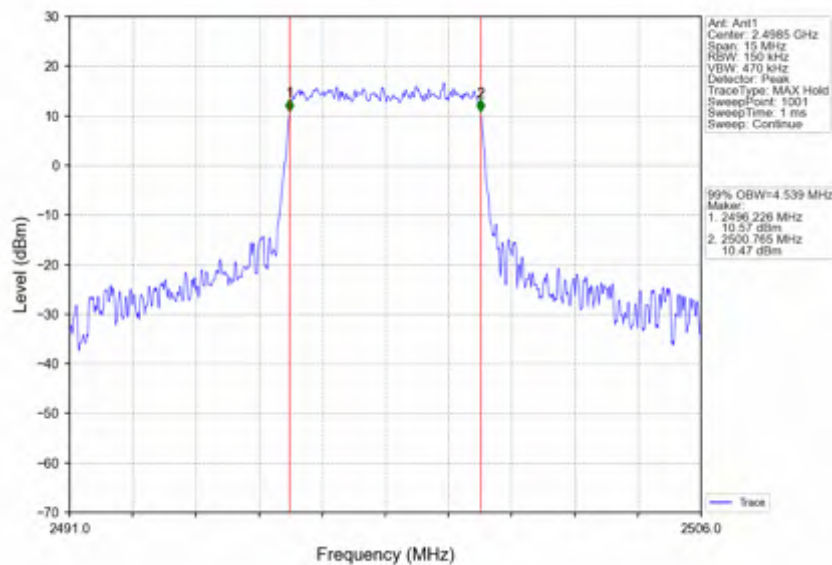
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Band41_5MHz_256QAM_LCH_2498.5MHz_RB_25_0_NTNV



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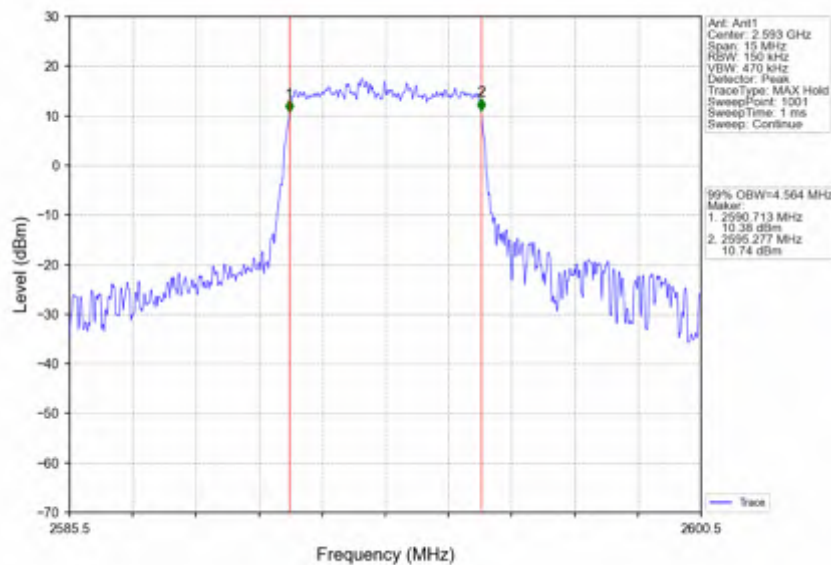
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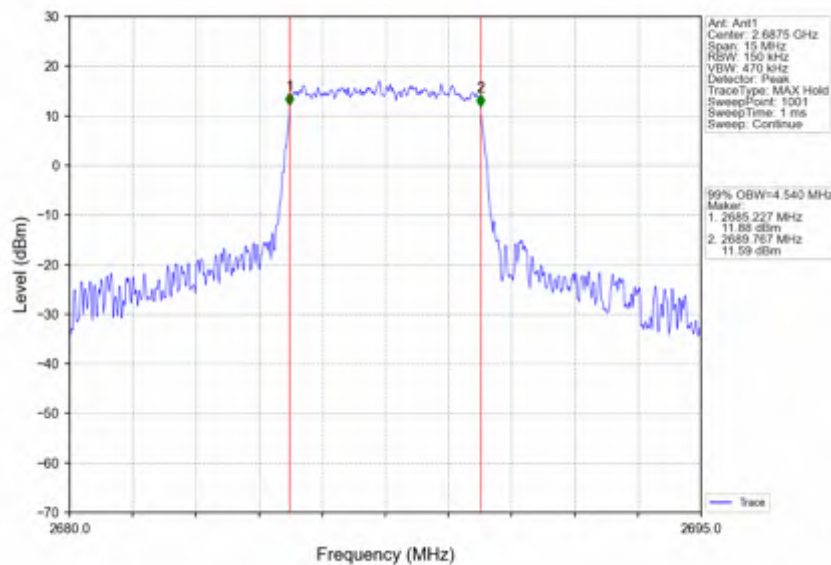
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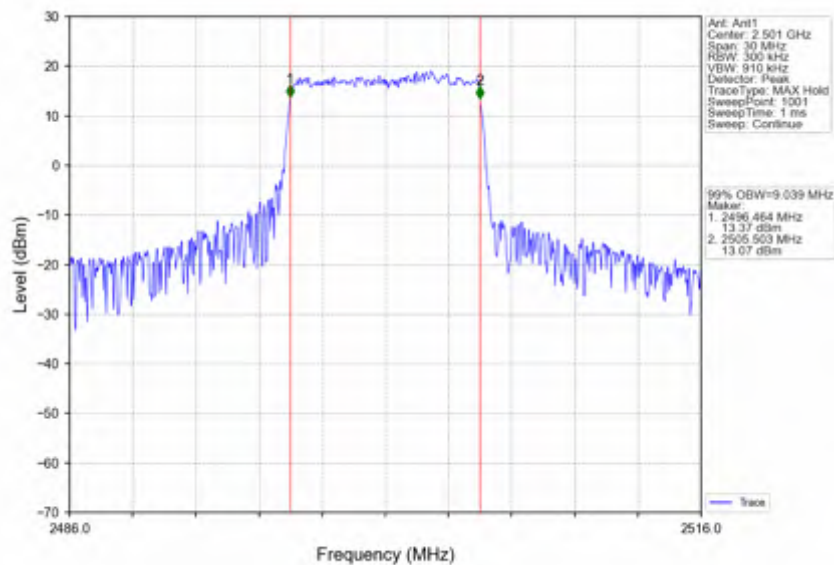
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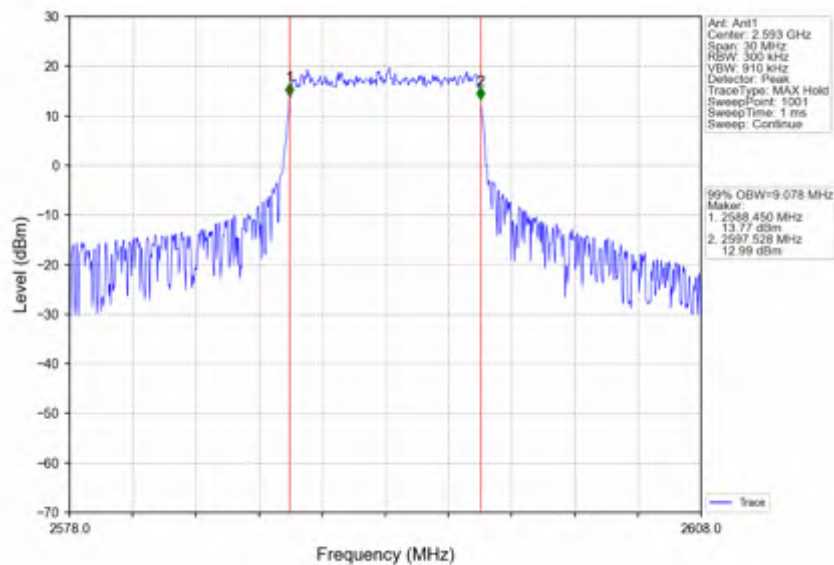
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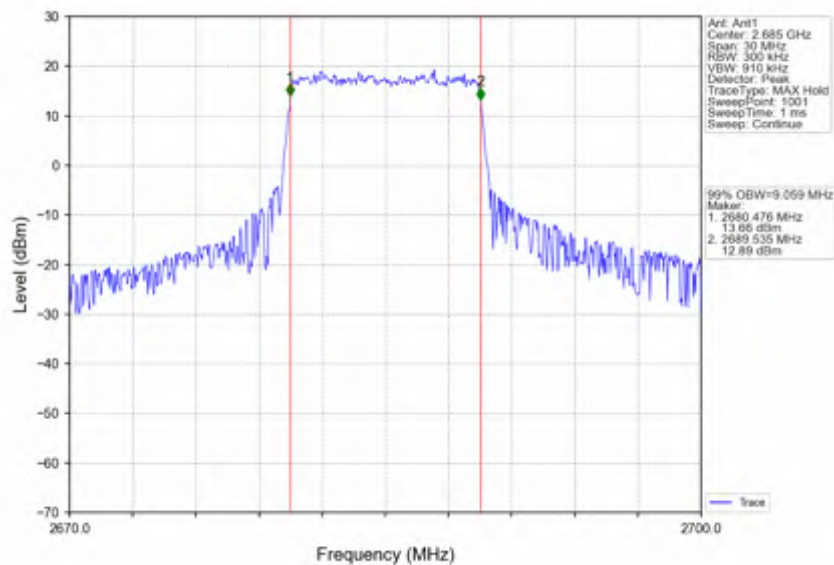
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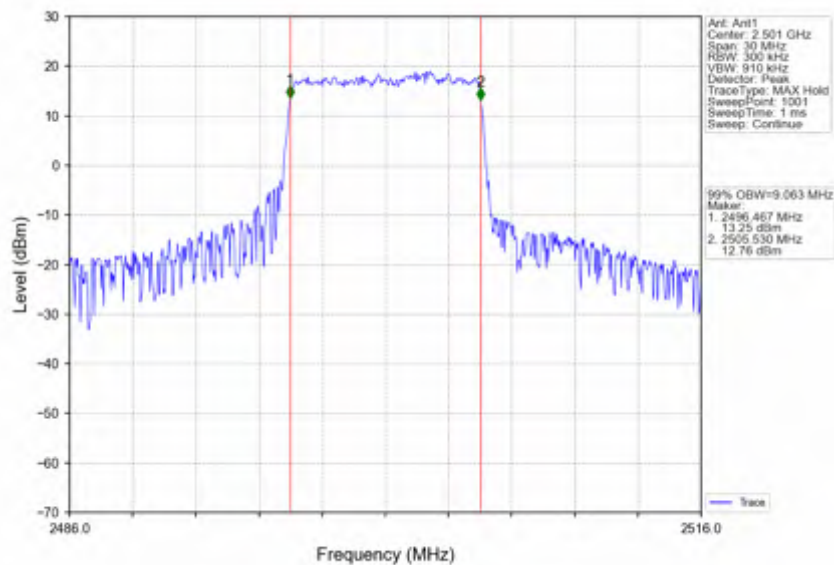
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Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTVV



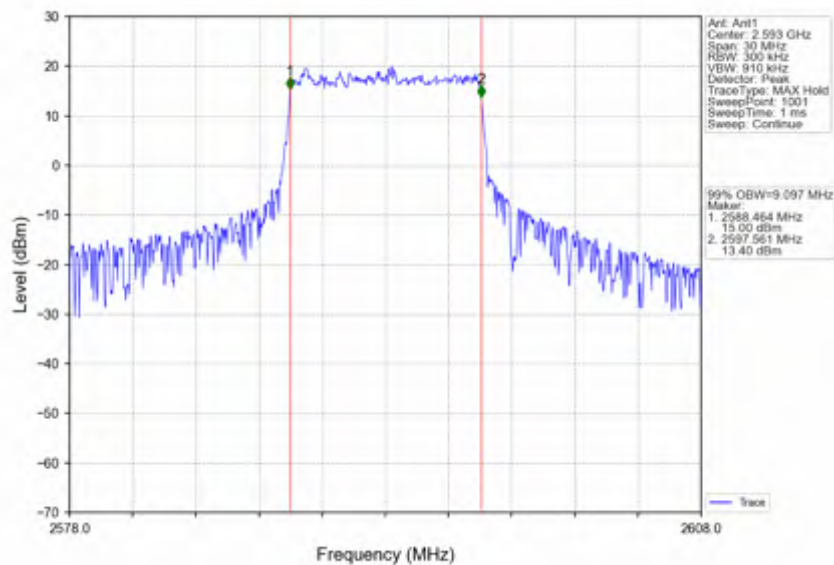
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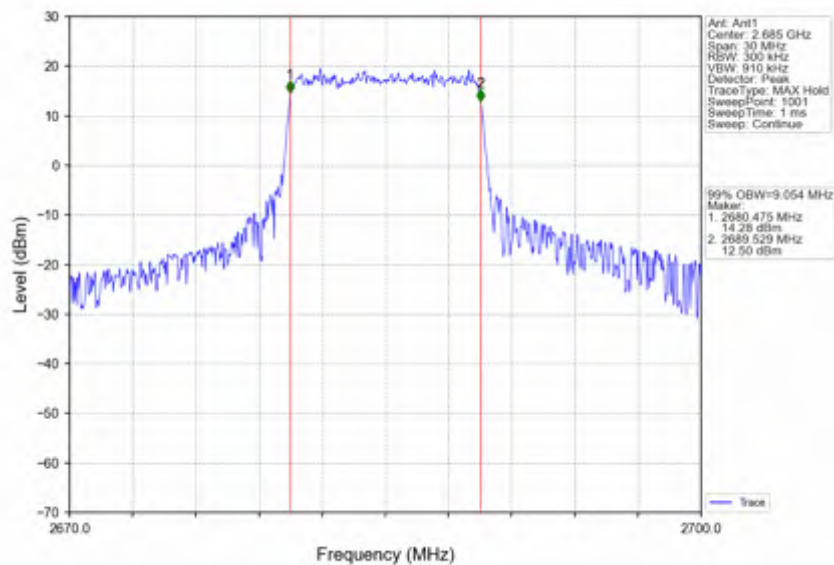
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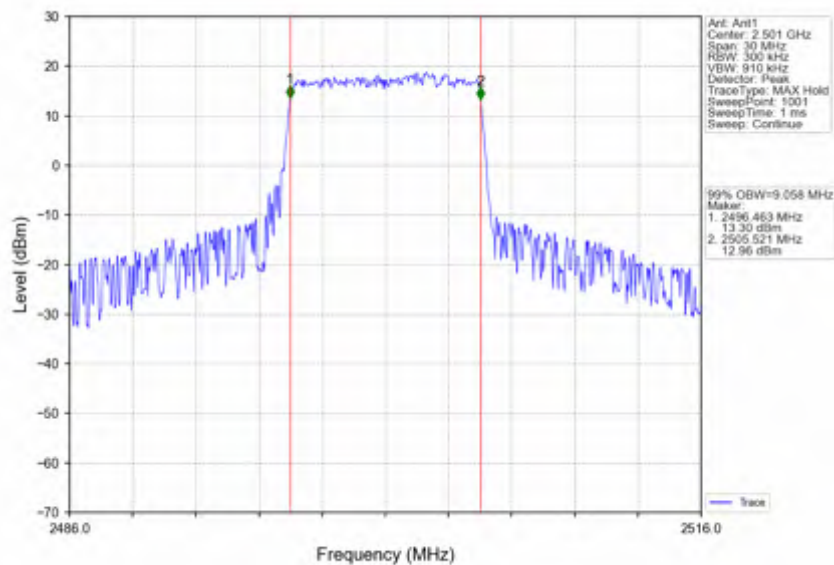
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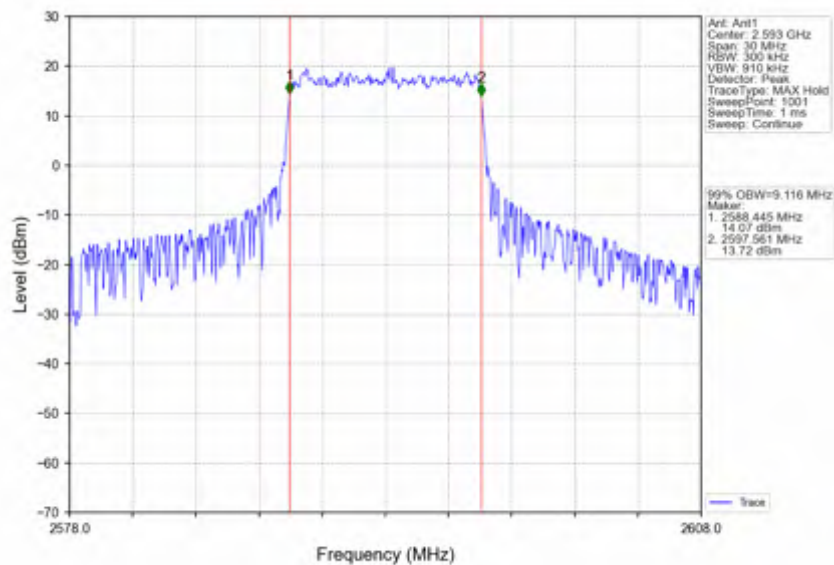
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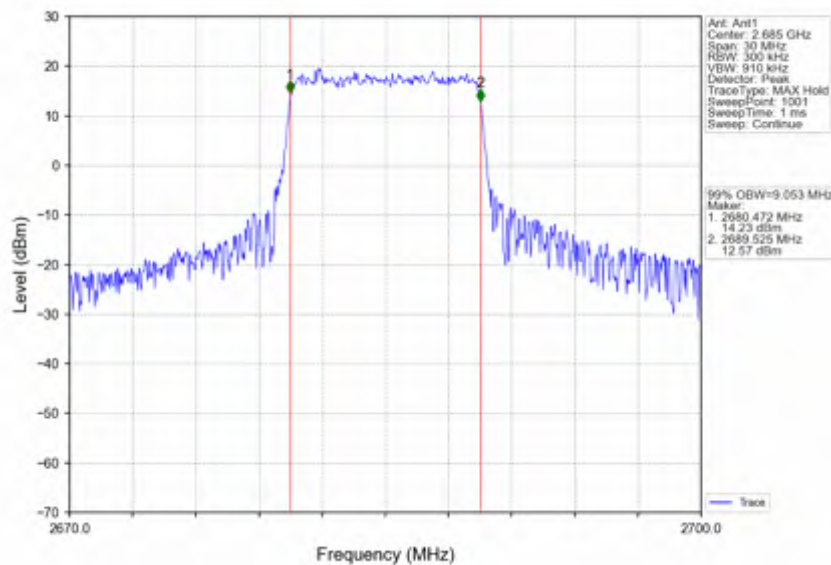
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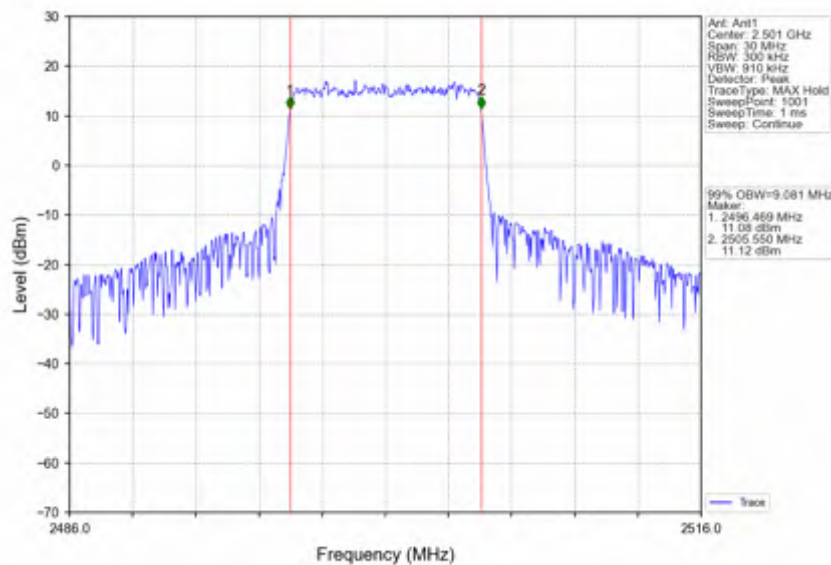
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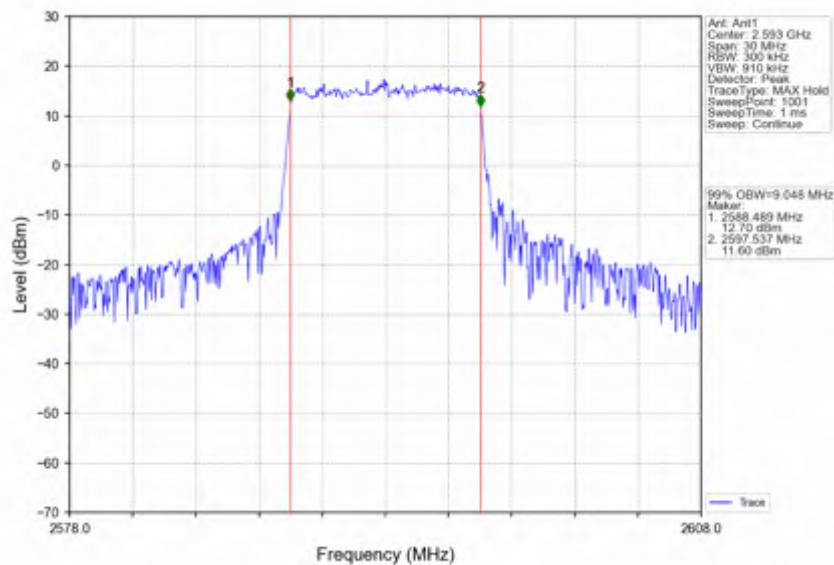
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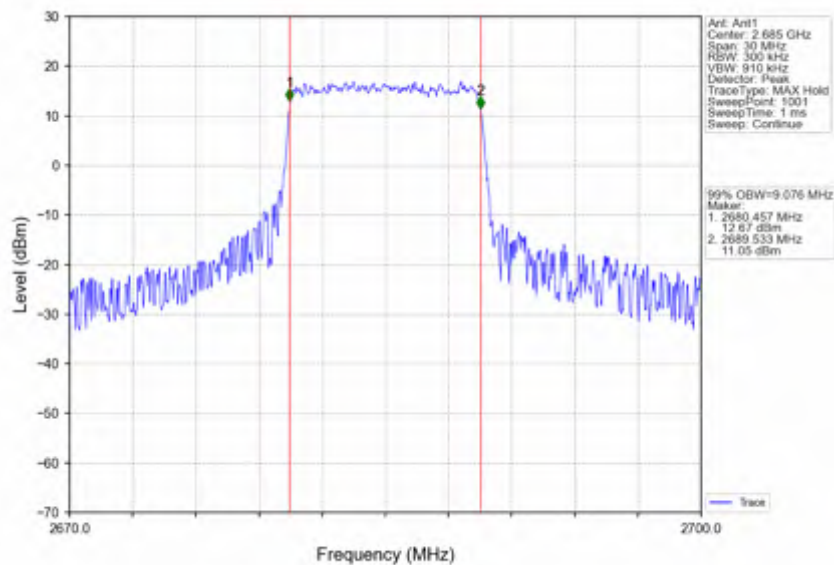
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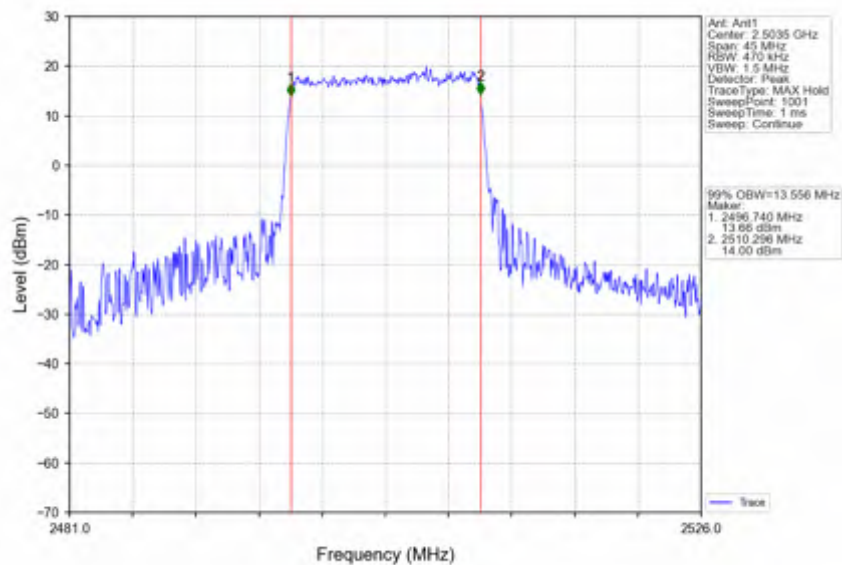
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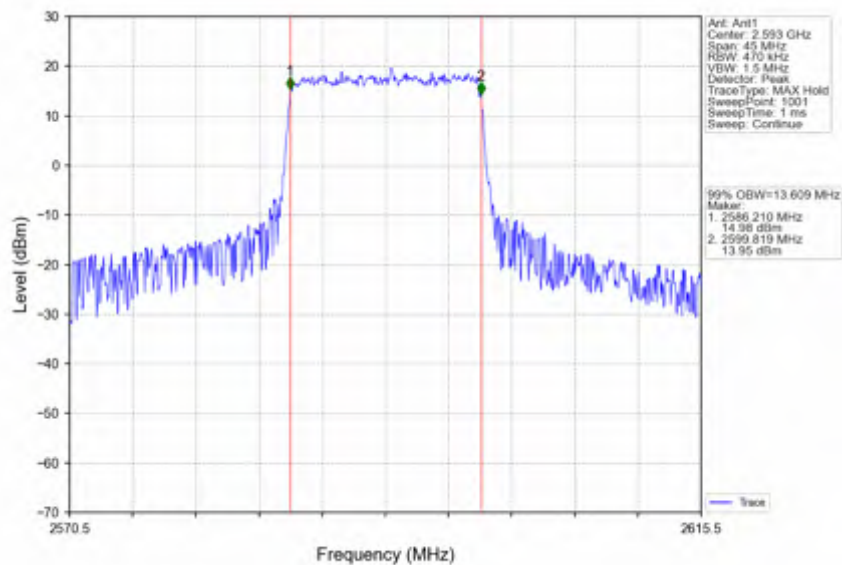
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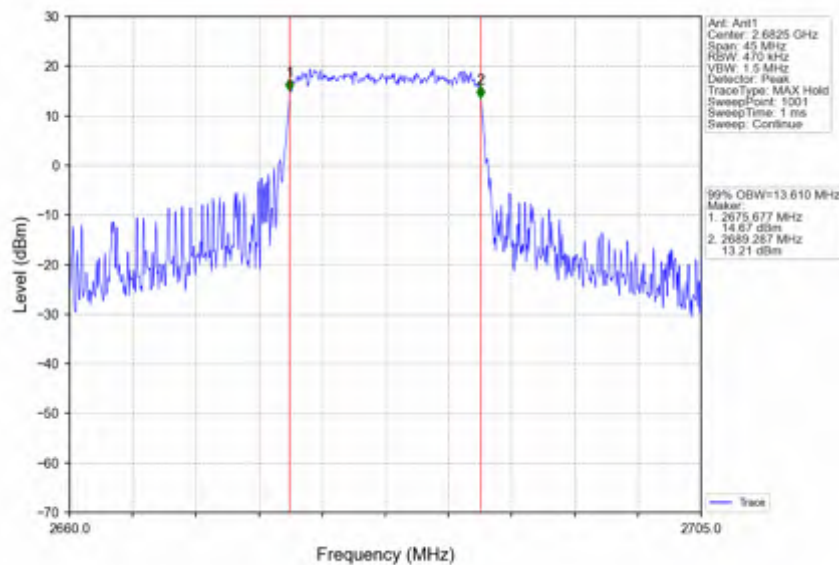
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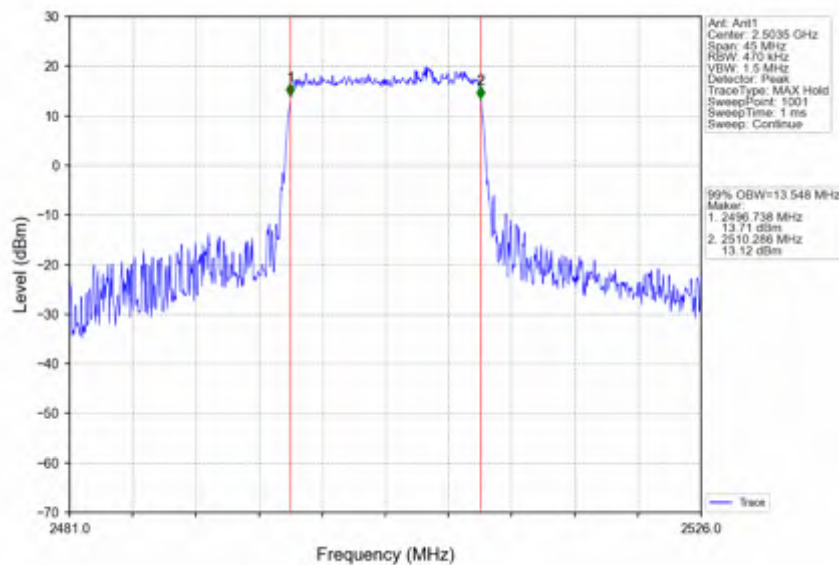
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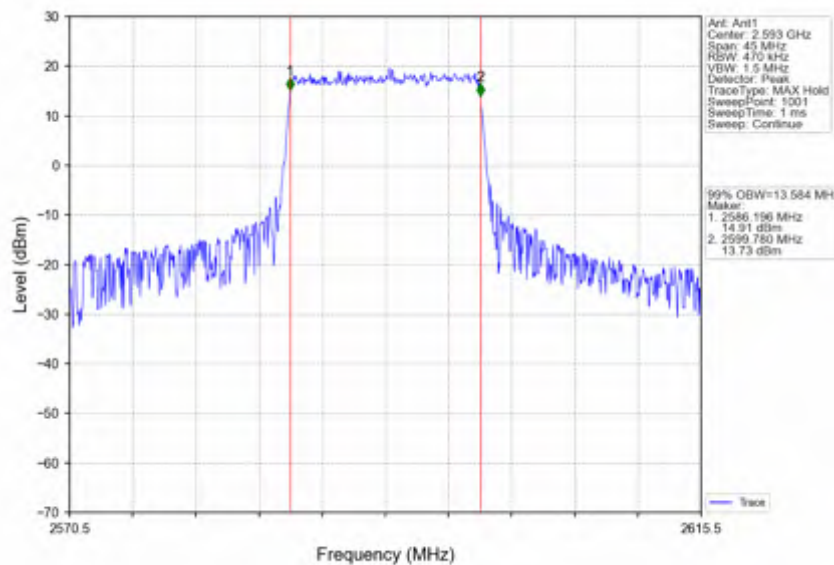
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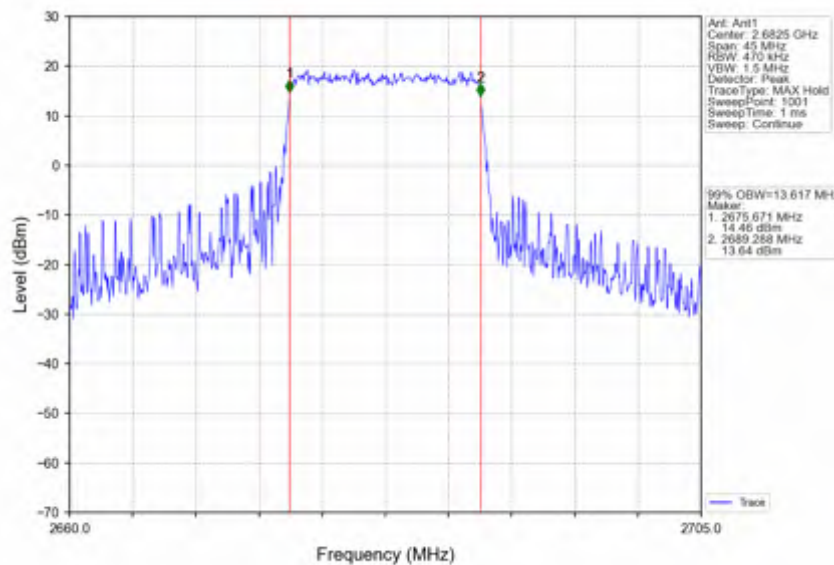
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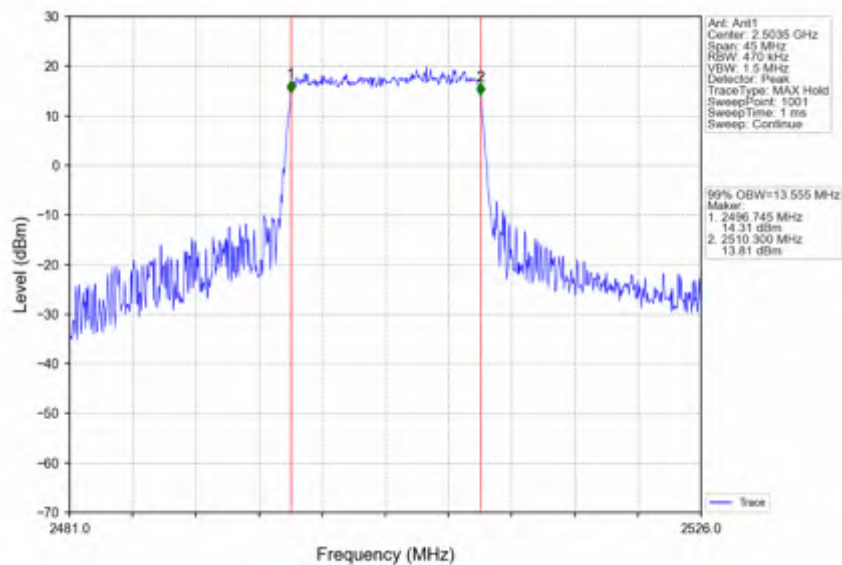
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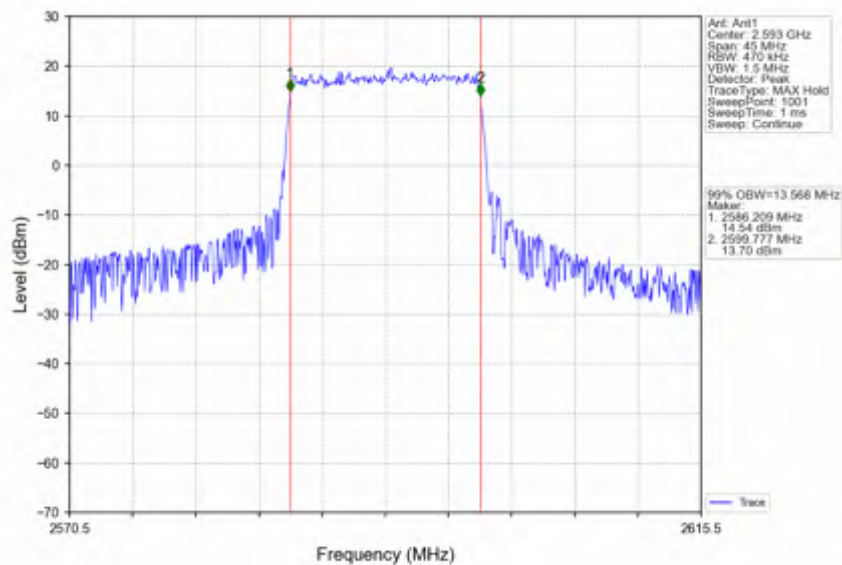
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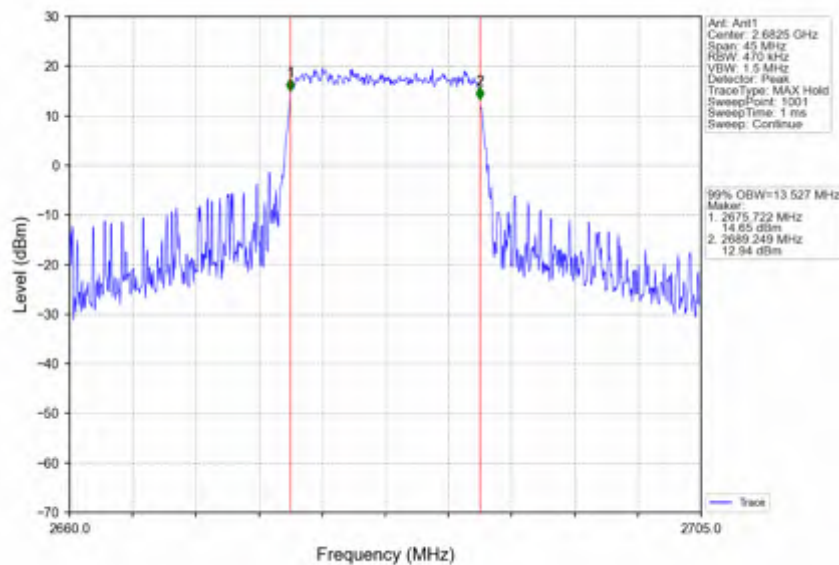
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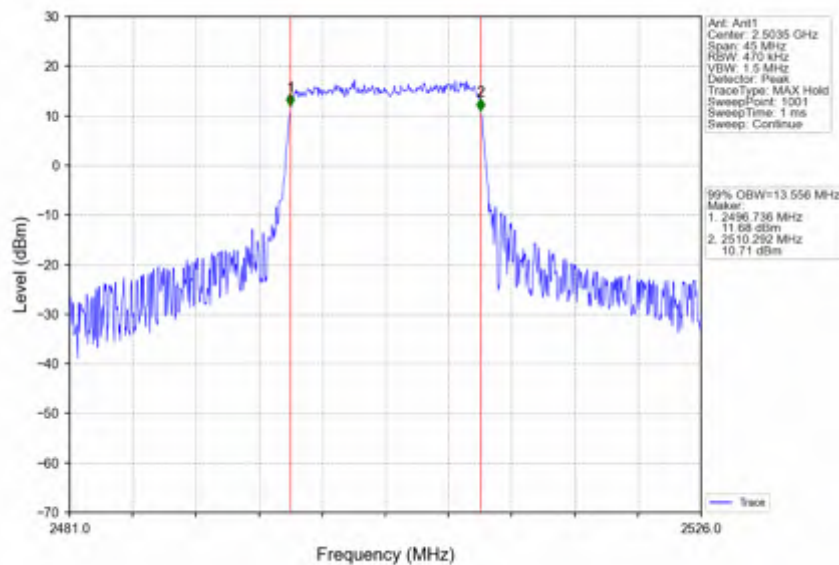
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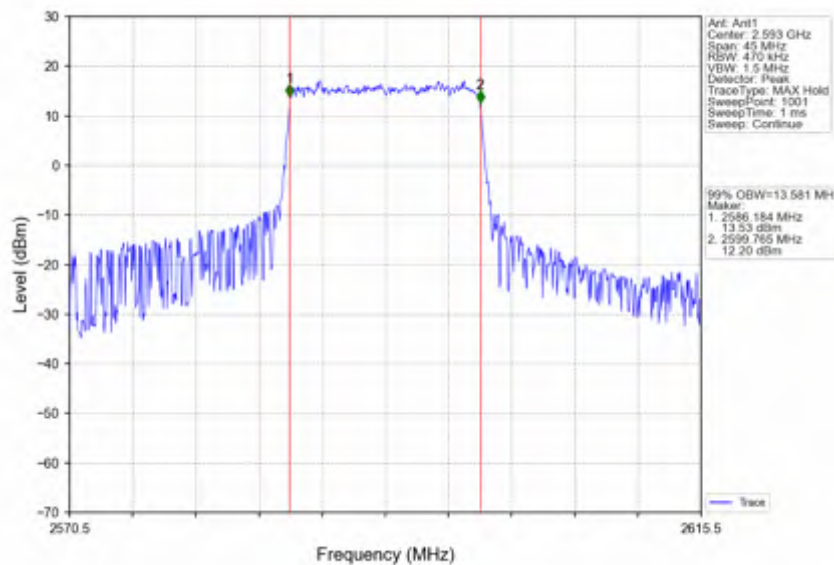
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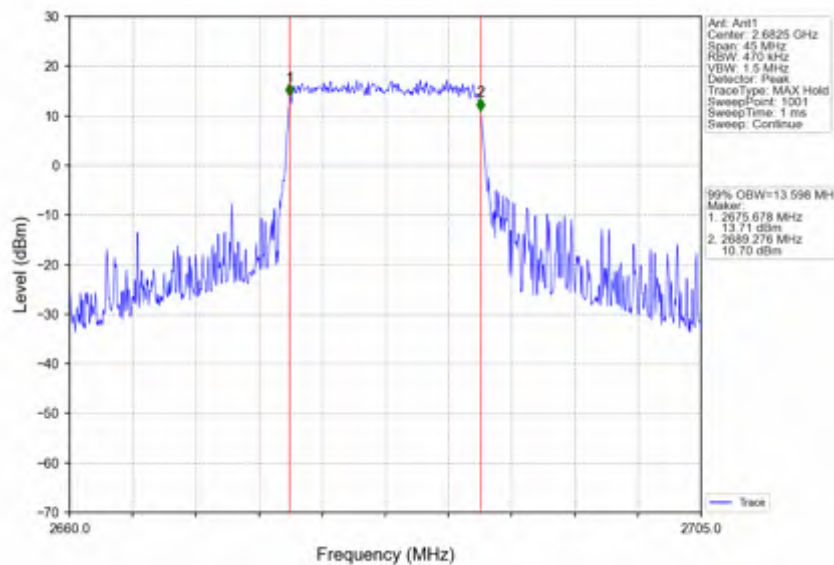
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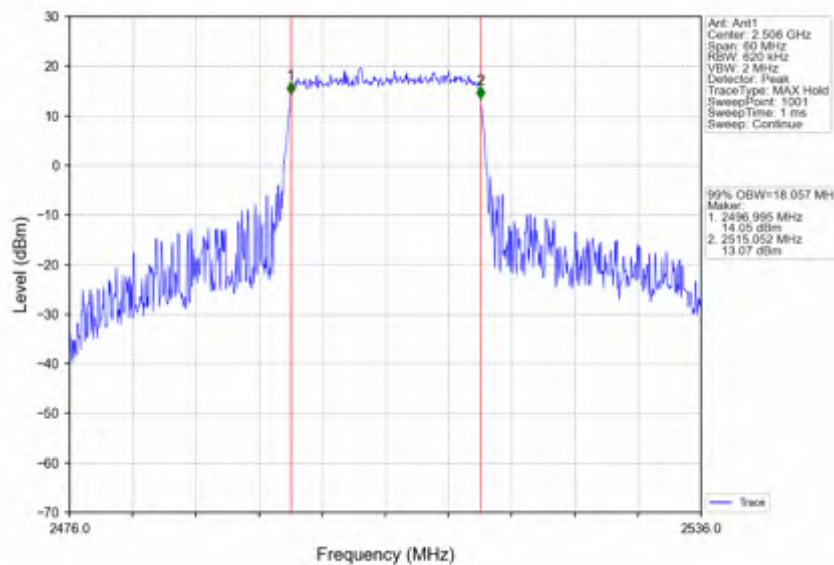
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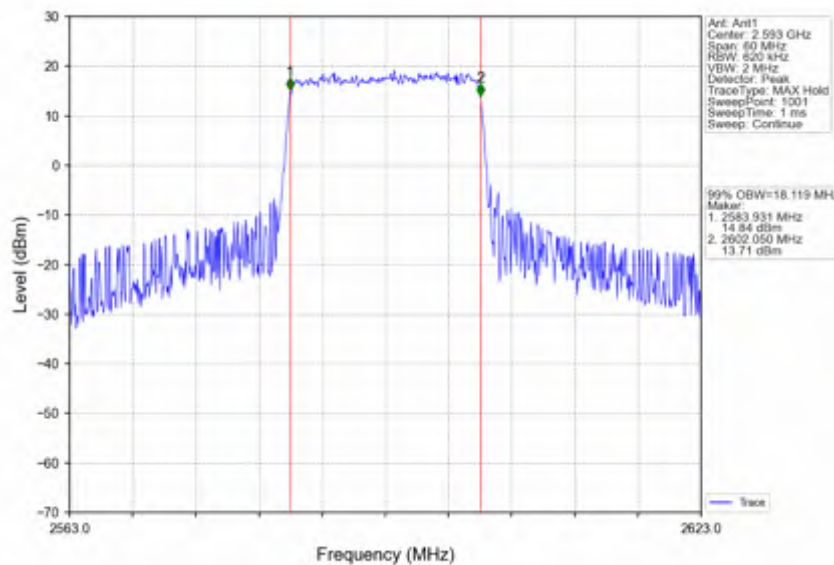
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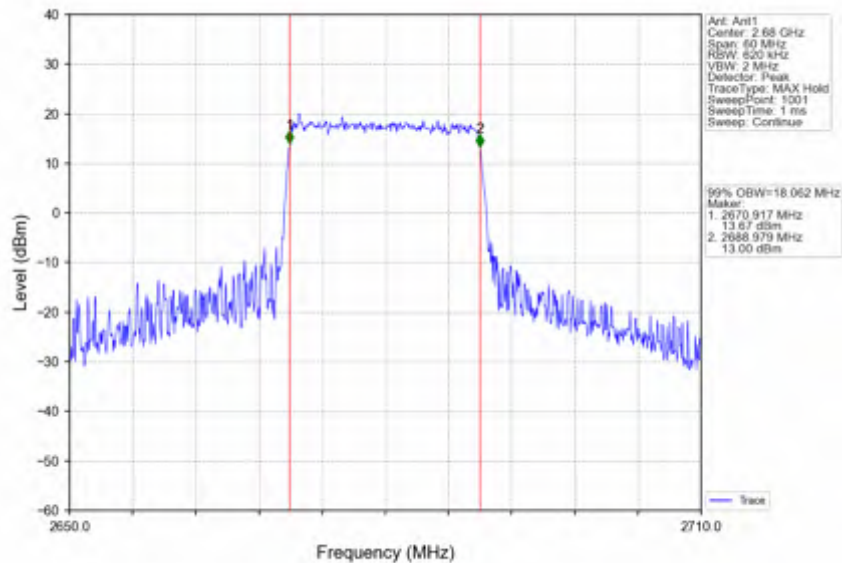
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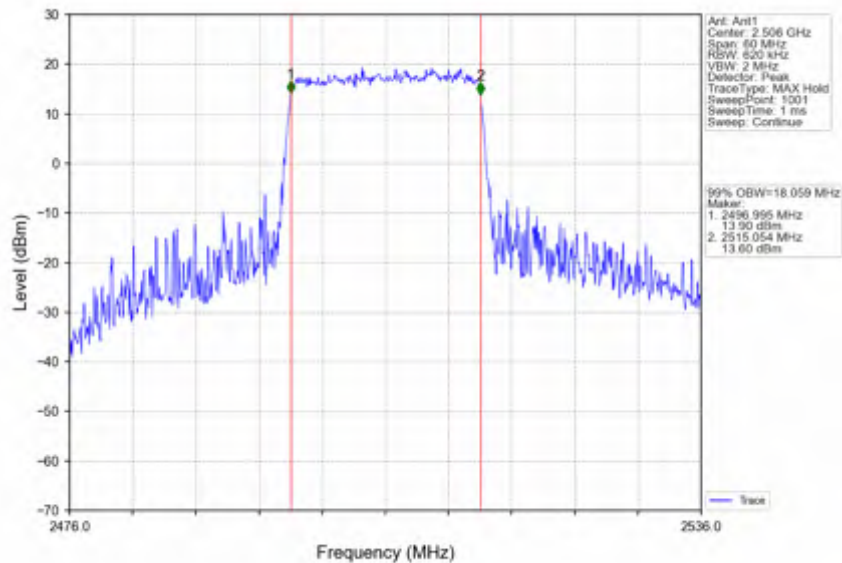
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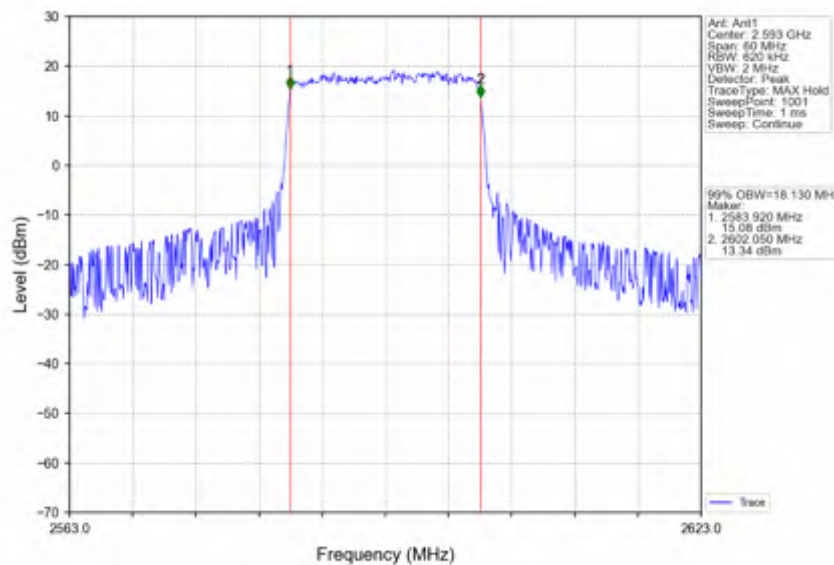
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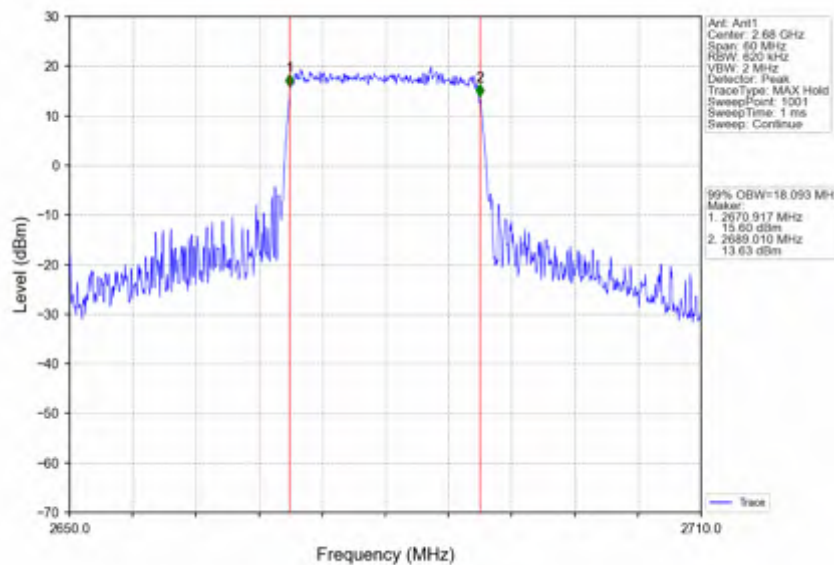
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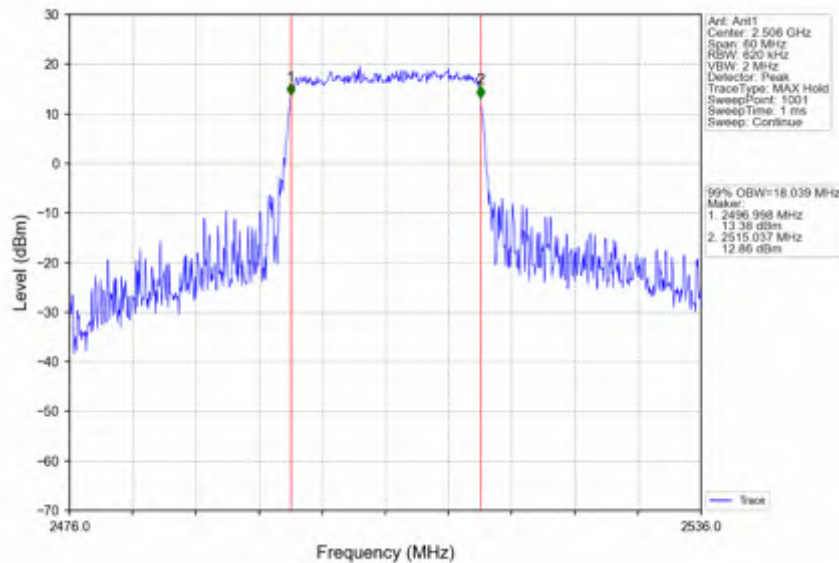
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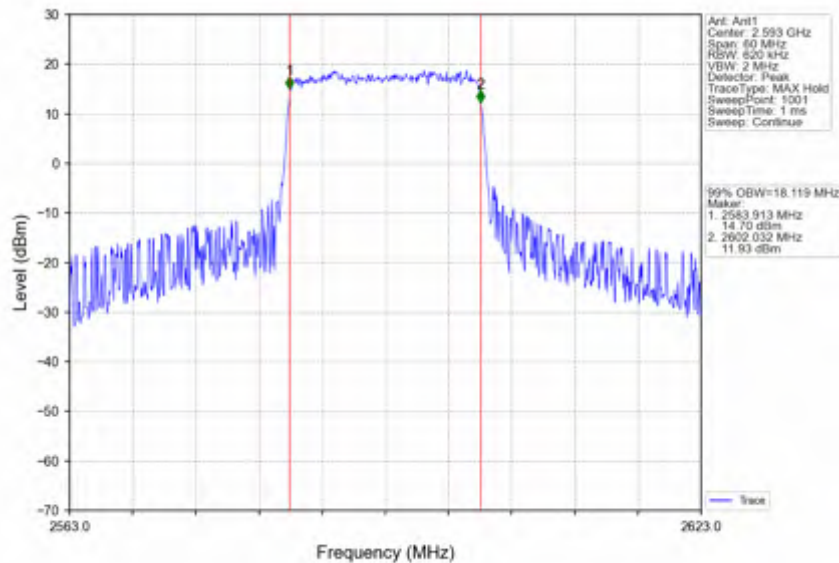
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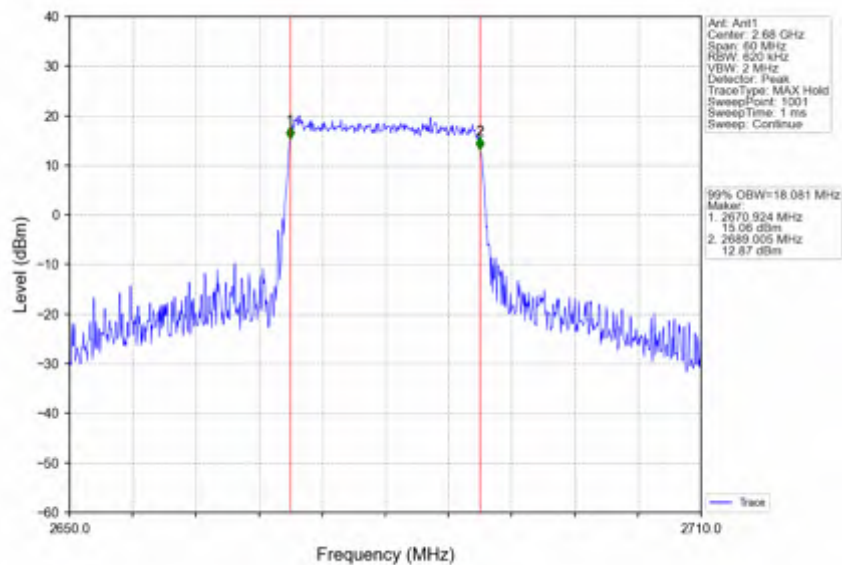
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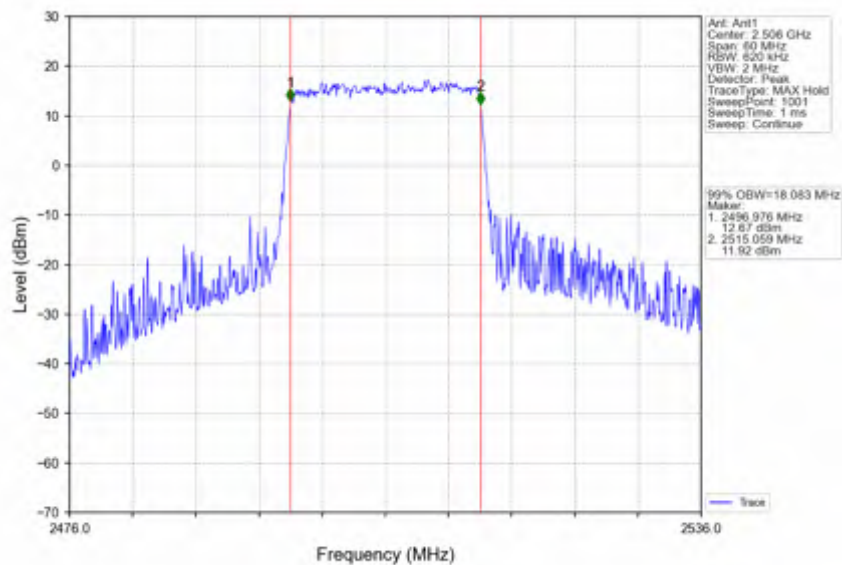
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Band41 20MHz 64QAM HCH 2680MHz RB 100 0 NTNV



Band41_20MHz_256QAM_LCH_2506MHz_RB_100_0_NTNV

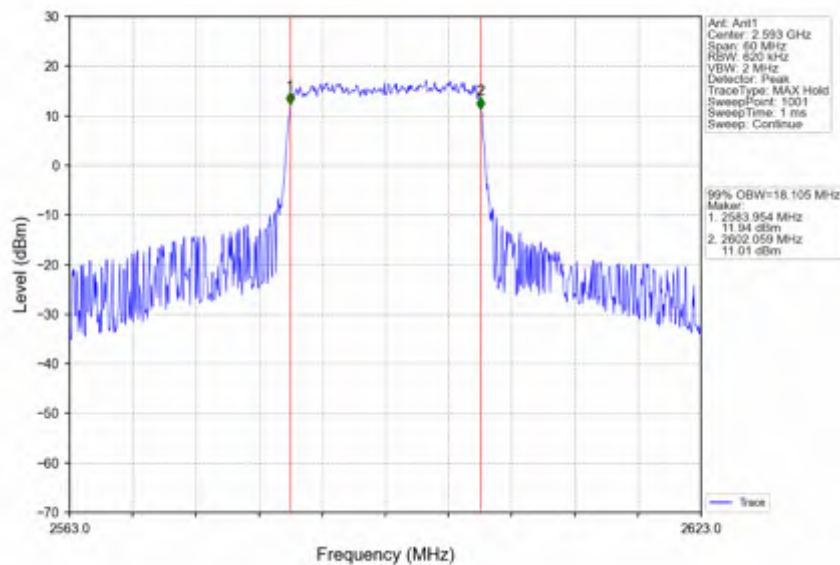


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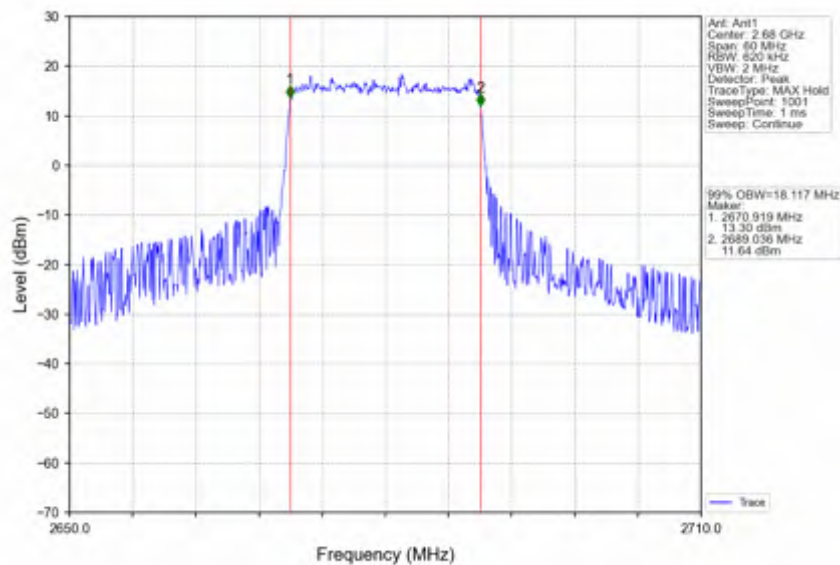
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Band41_20MHz_256QAM_MCH_2593MHz_RB_100_0_NTNV



Band41	20MHz	256QAM	HCH	2680MHz	RB	100	0	NTNV
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10.2 Band41_XDB

10.2.1 Test Result

Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset		
5	QPSK	2498.5	25	0	5.190	Pass
		2593	25	0	5.311	Pass
		2687.5	25	0	5.081	Pass
	16QAM	2498.5	25	0	5.054	Pass
		2593	25	0	5.031	Pass
		2687.5	25	0	5.038	Pass
	64QAM	2498.5	25	0	5.094	Pass
		2593	25	0	5.185	Pass
		2687.5	25	0	5.072	Pass
	256QAM	2498.5	25	0	4.986	Pass
		2593	25	0	5.043	Pass
		2687.5	25	0	5.012	Pass
10	QPSK	2501	50	0	10.391	Pass
		2593	50	0	11.134	Pass
		2685	50	0	10.893	Pass
	16QAM	2501	50	0	10.580	Pass
		2593	50	0	10.997	Pass
		2685	50	0	10.763	Pass
	64QAM	2501	50	0	10.497	Pass
		2593	50	0	10.938	Pass
		2685	50	0	10.513	Pass
	256QAM	2501	50	0	10.157	Pass
		2593	50	0	10.546	Pass
		2685	50	0	10.323	Pass
15	QPSK	2503.5	75	0	14.907	Pass
		2593	75	0	14.982	Pass
		2682.5	75	0	20.717	Pass
	16QAM	2503.5	75	0	15.190	Pass
		2593	75	0	14.967	Pass
		2682.5	75	0	20.893	Pass
	64QAM	2503.5	75	0	14.800	Pass
		2593	75	0	15.451	Pass
		2682.5	75	0	20.537	Pass
	256QAM	2503.5	75	0	15.639	Pass
		2593	75	0	15.447	Pass
		2682.5	75	0	21.090	Pass
20	QPSK	2506	100	0	22.451	Pass
		2593	100	0	21.318	Pass
		2680	100	0	19.782	Pass
	16QAM	2506	100	0	21.452	Pass
		2593	100	0	21.071	Pass
		2680	100	0	20.551	Pass
	64QAM	2506	100	0	20.909	Pass
		2593	100	0	20.572	Pass
		2680	100	0	20.132	Pass
	256QAM	2506	100	0	19.761	Pass



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		2593	100	0	20.507	Pass
		2680	100	0	20.456	Pass



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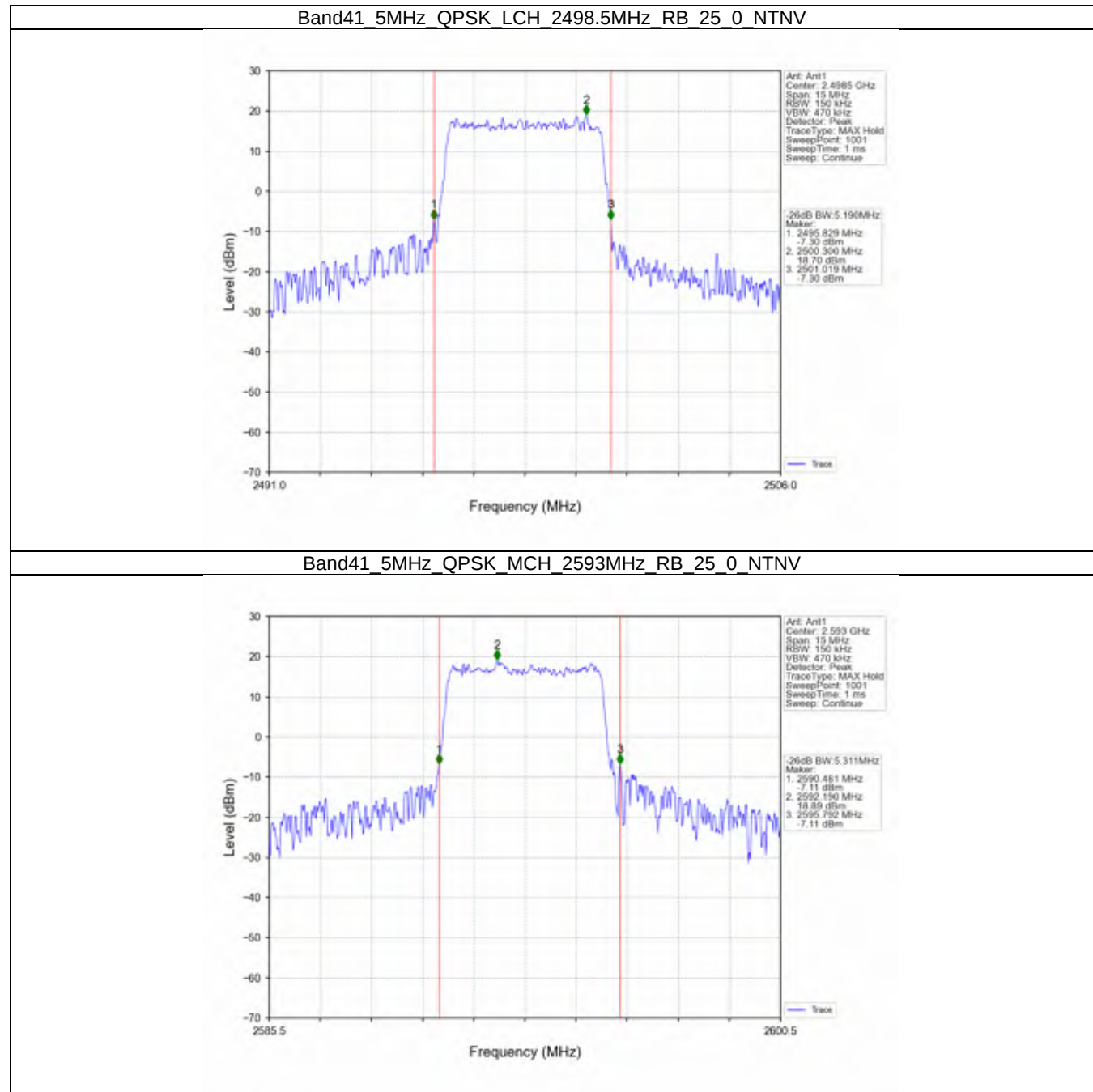
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10.2.2 Test Graph



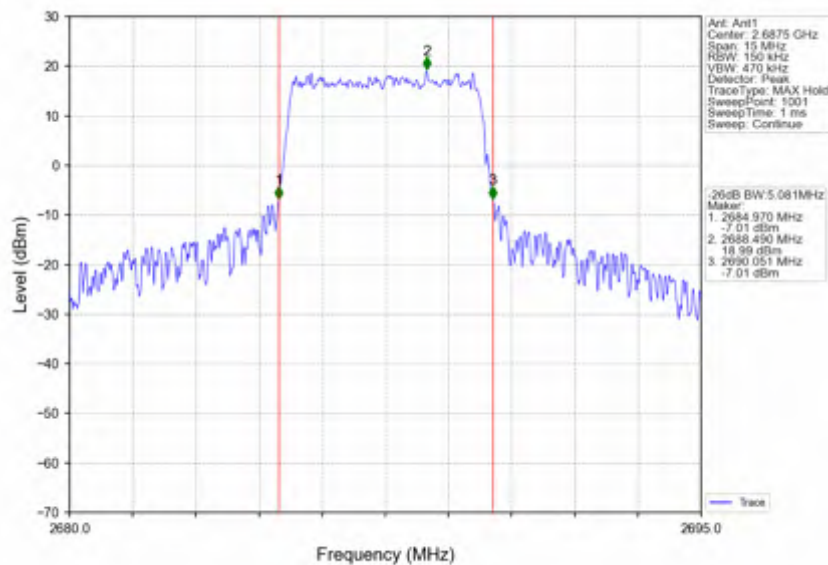
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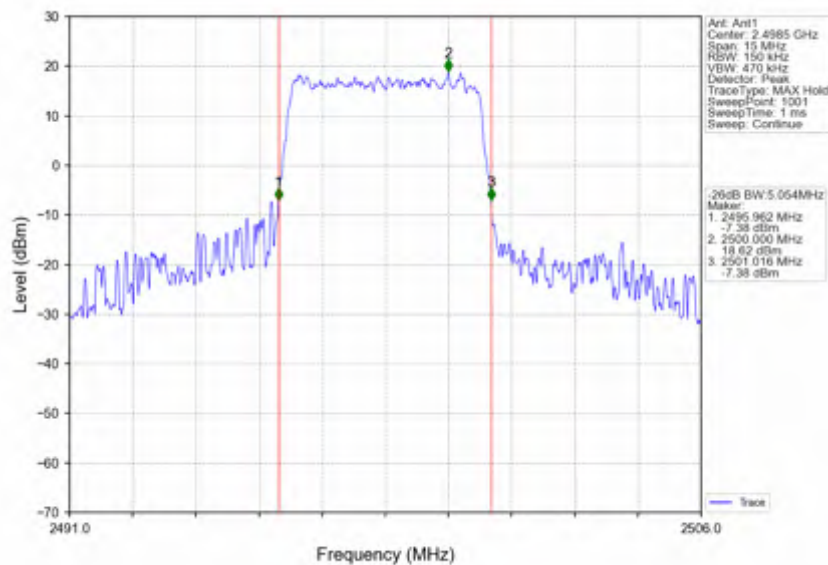
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Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



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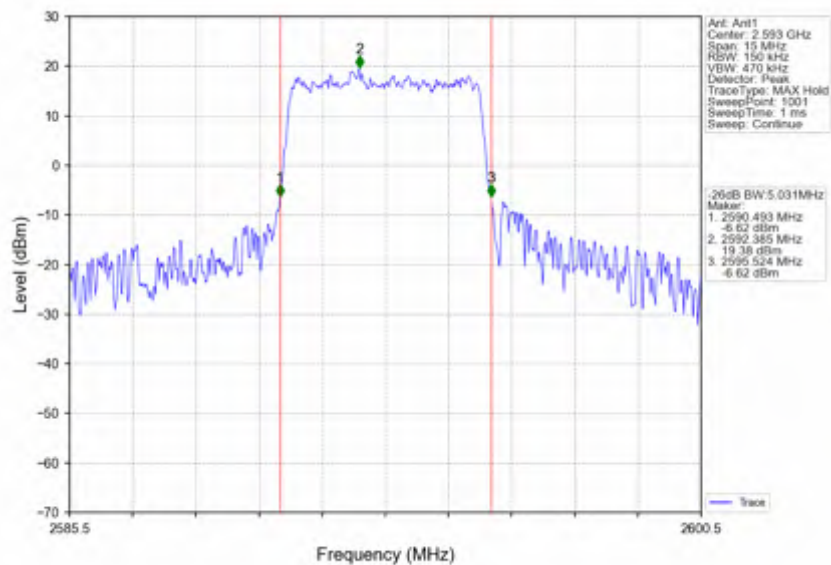
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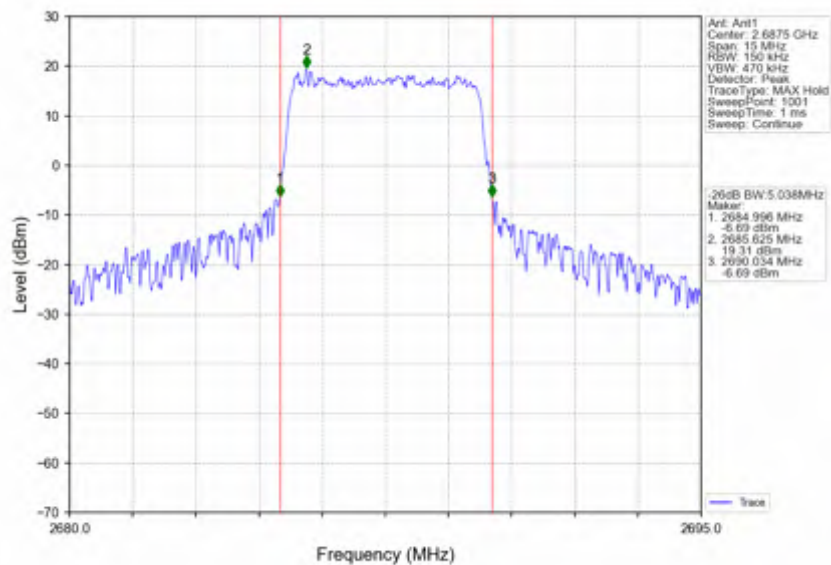
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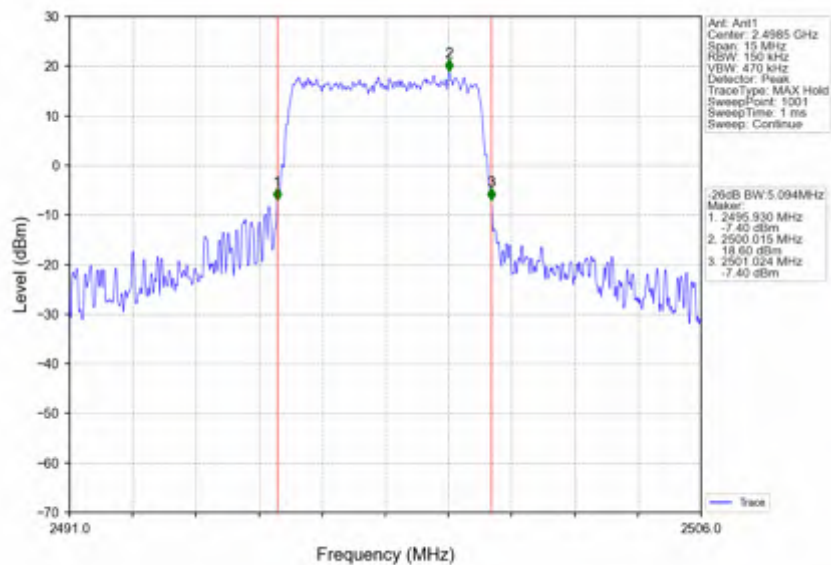
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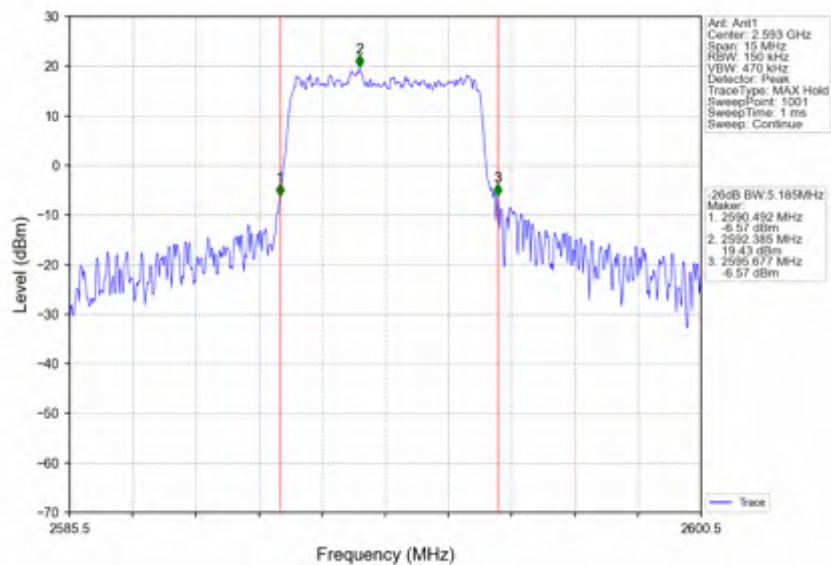
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Band41 5MHz 64QAM LCH 2498.5MHz RB 25 0 NTNV



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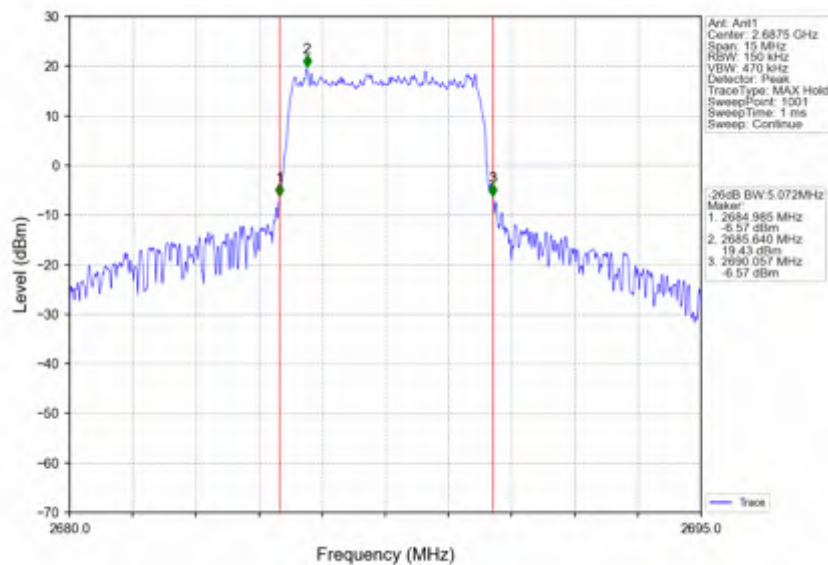


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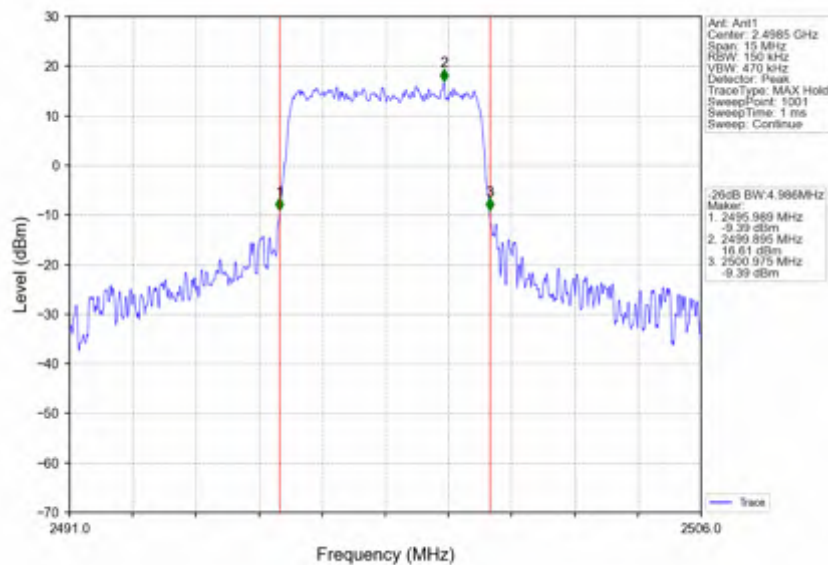
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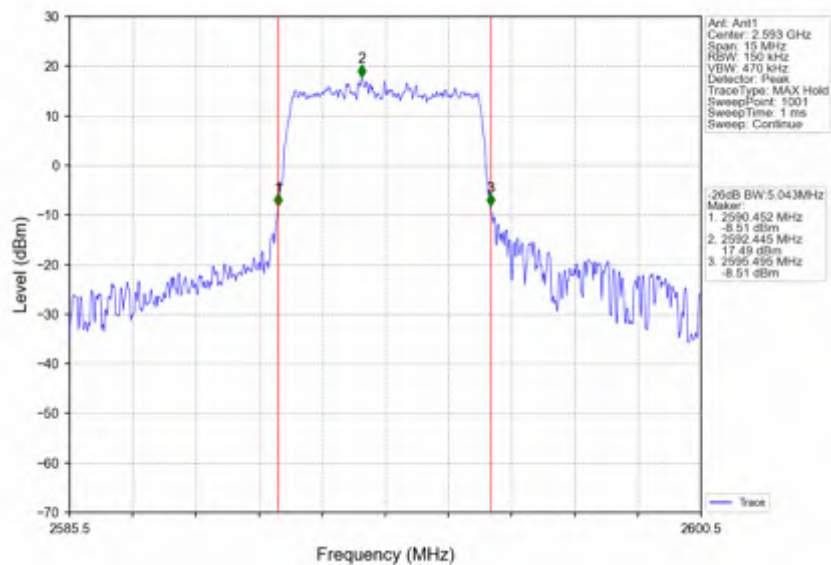
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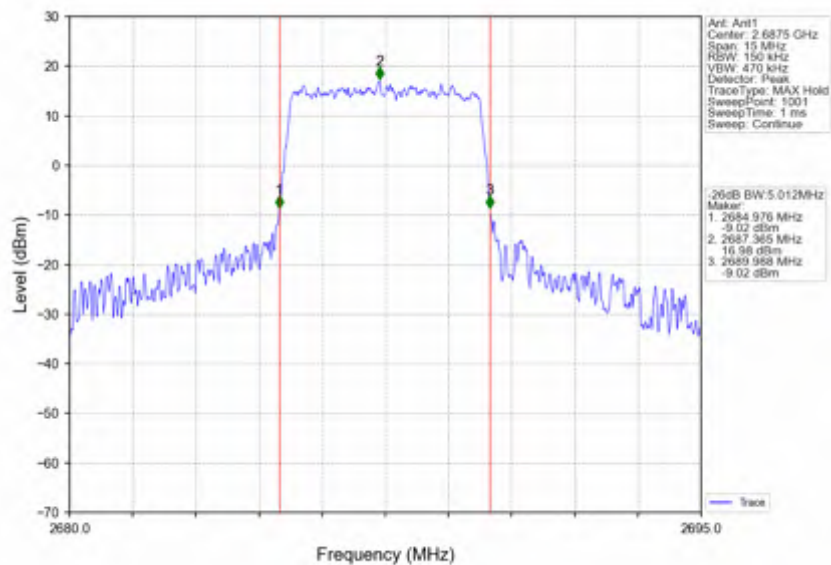
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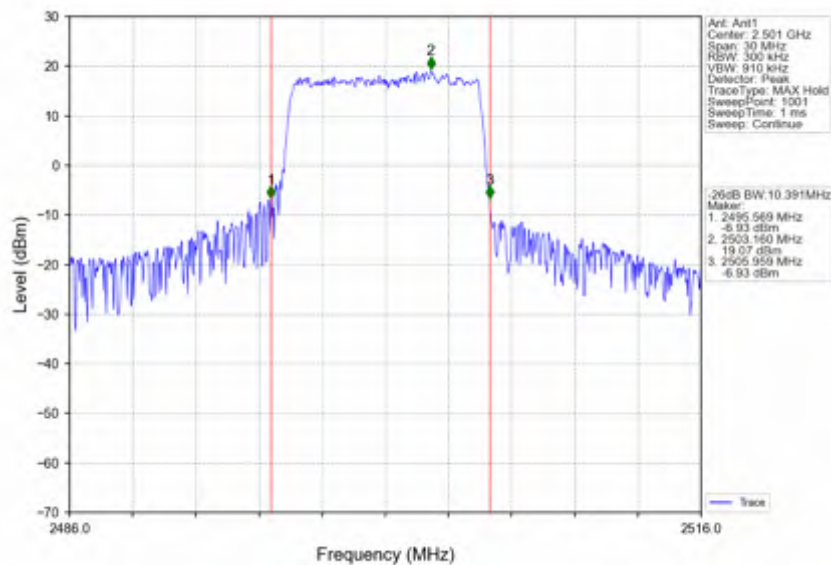
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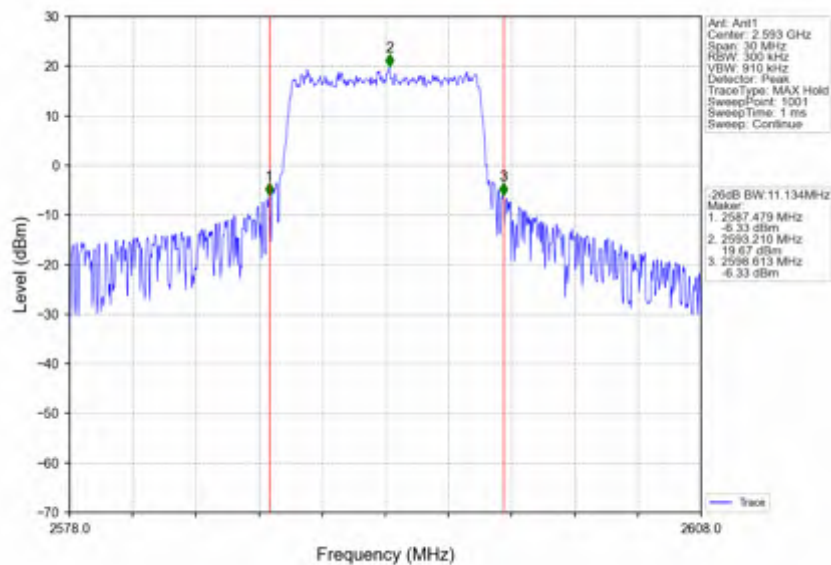
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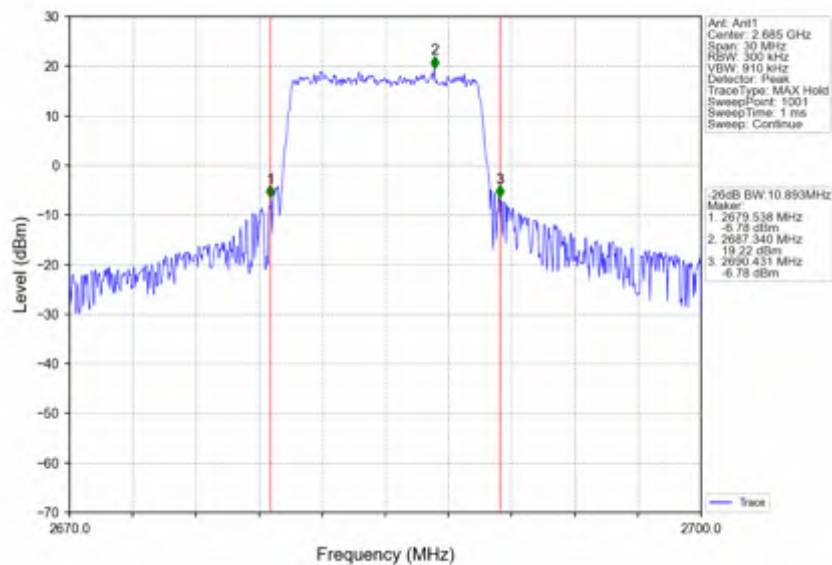
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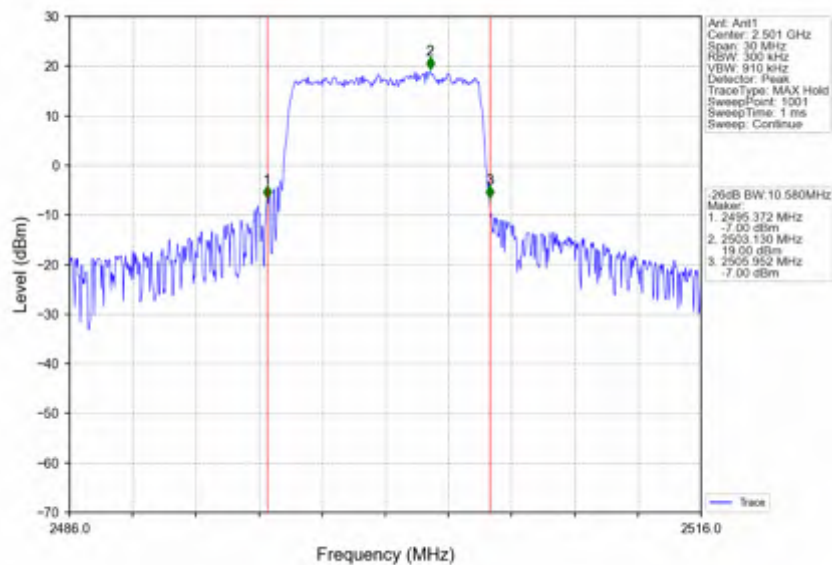
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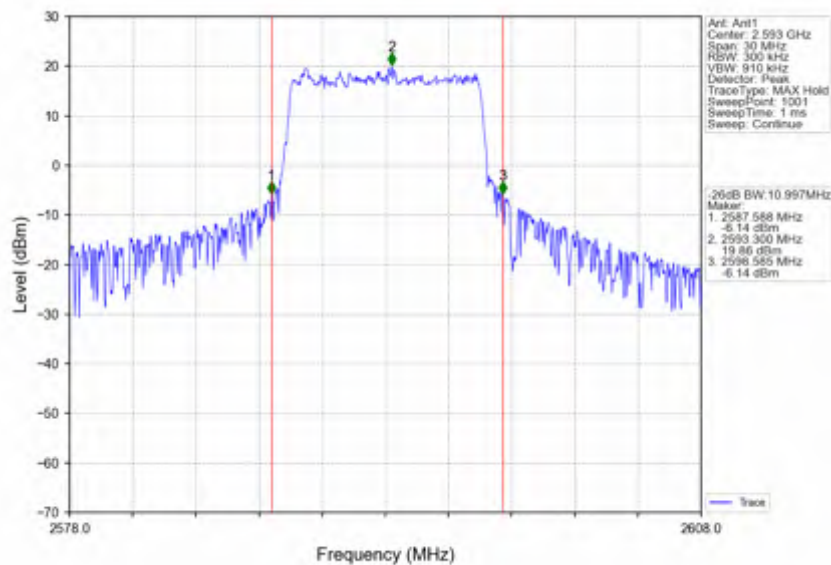
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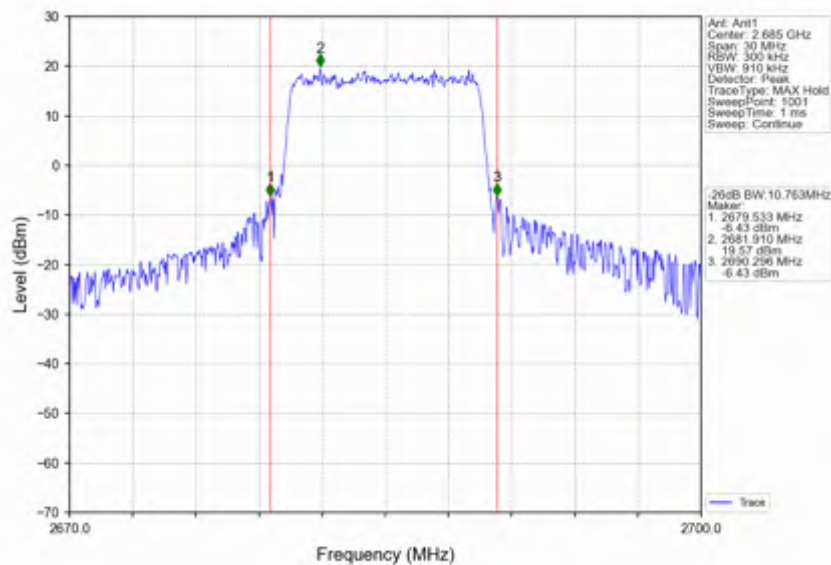
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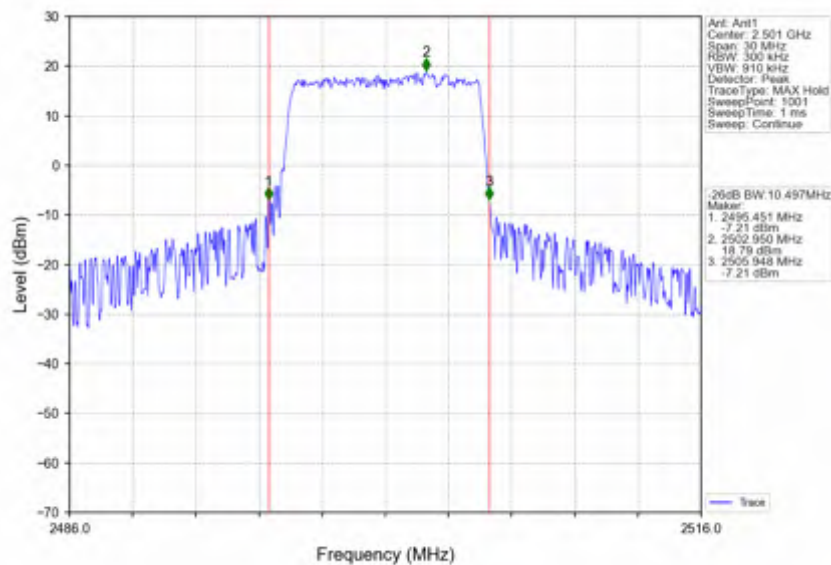
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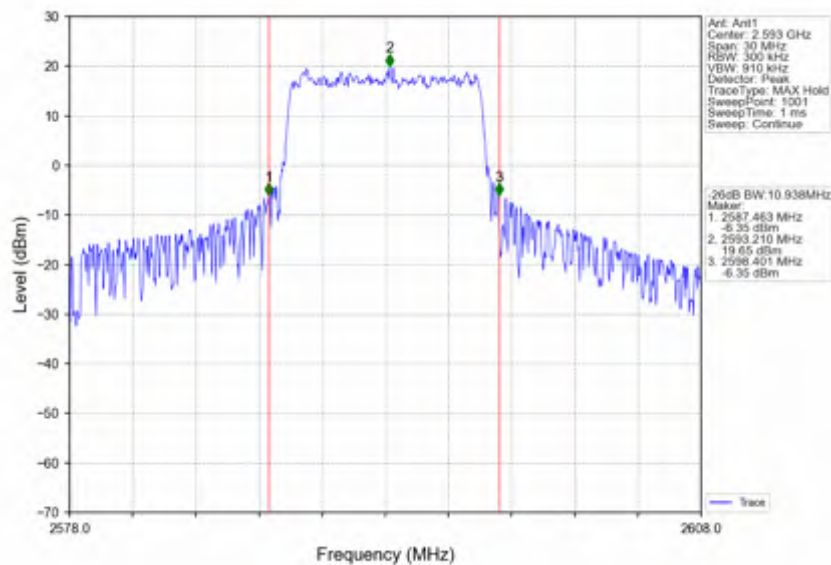
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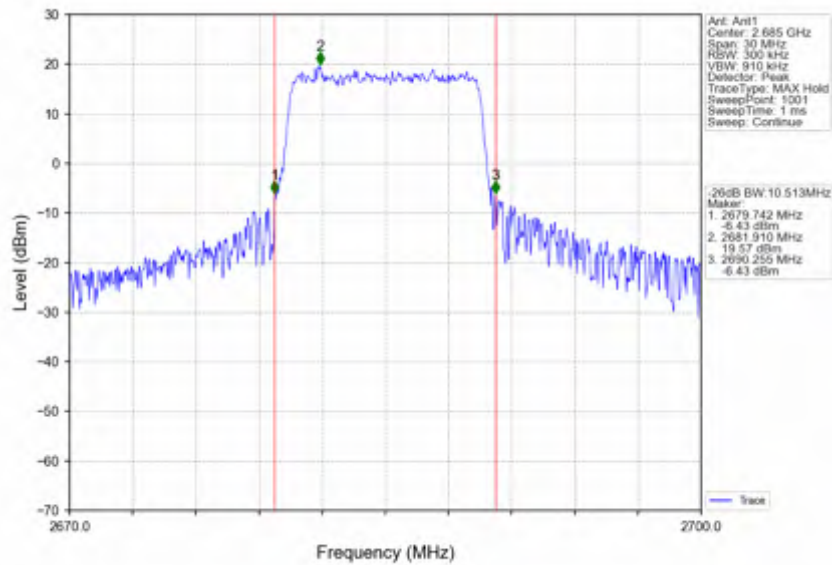
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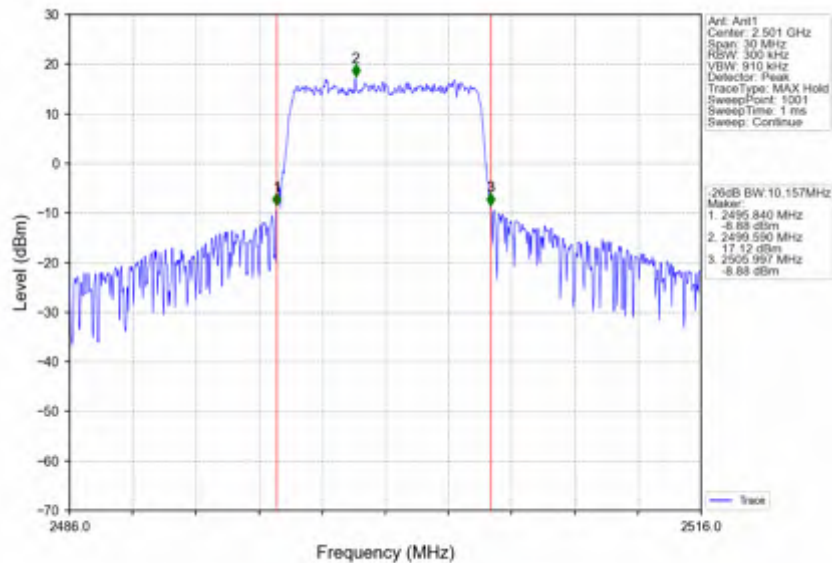
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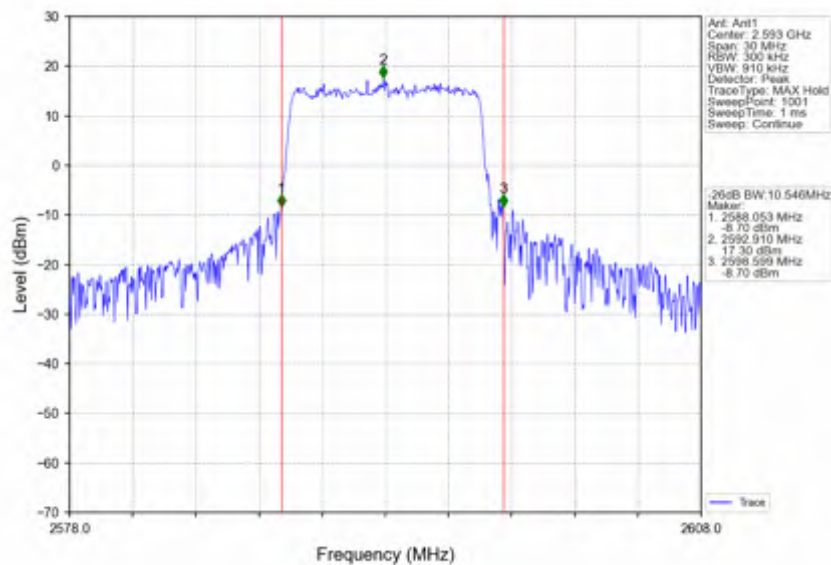
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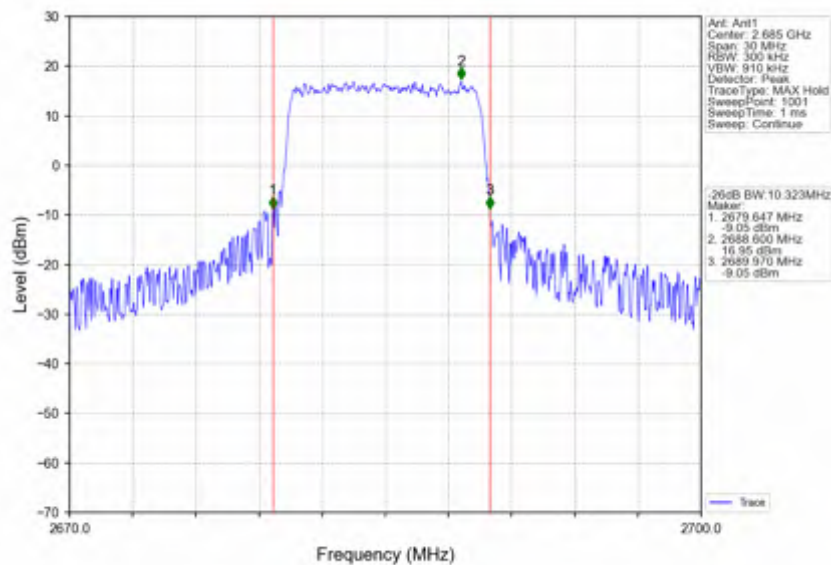
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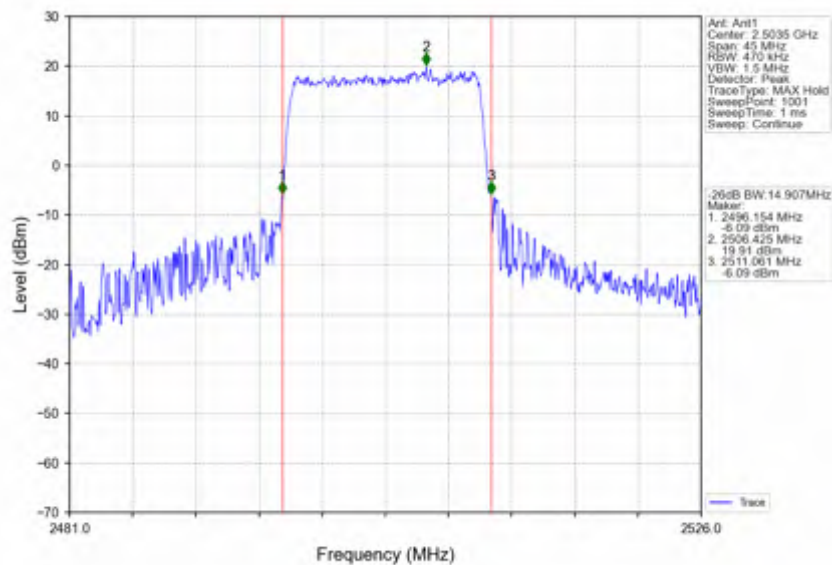
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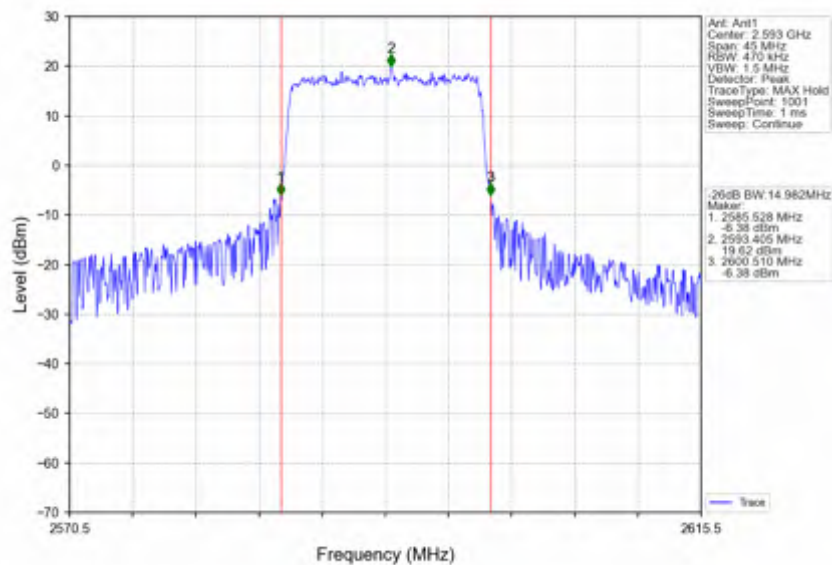
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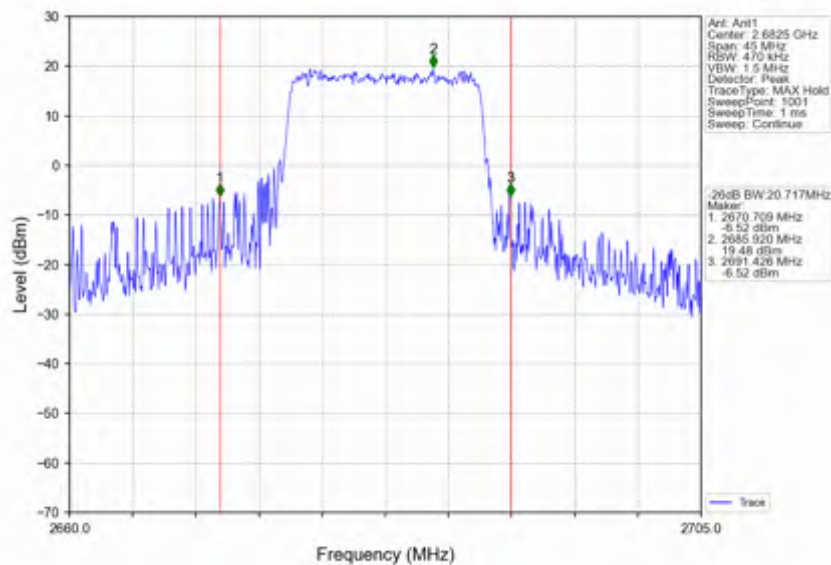
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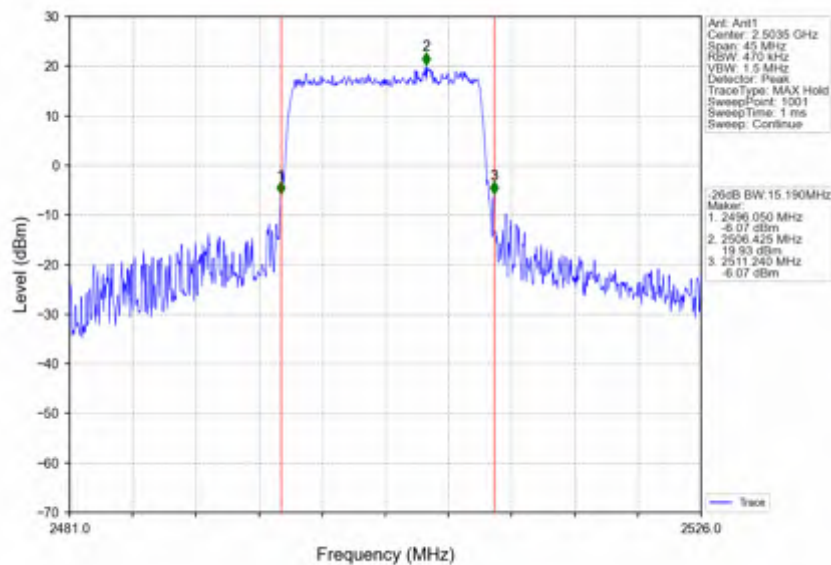
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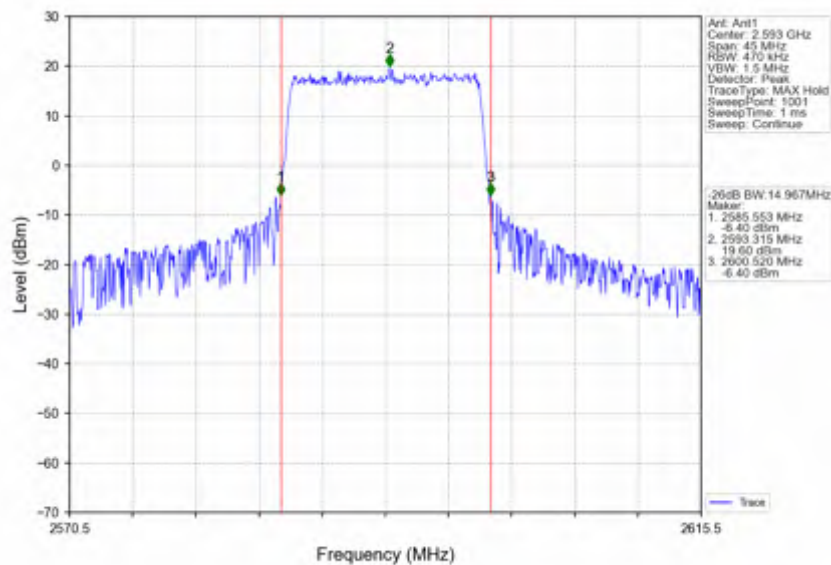
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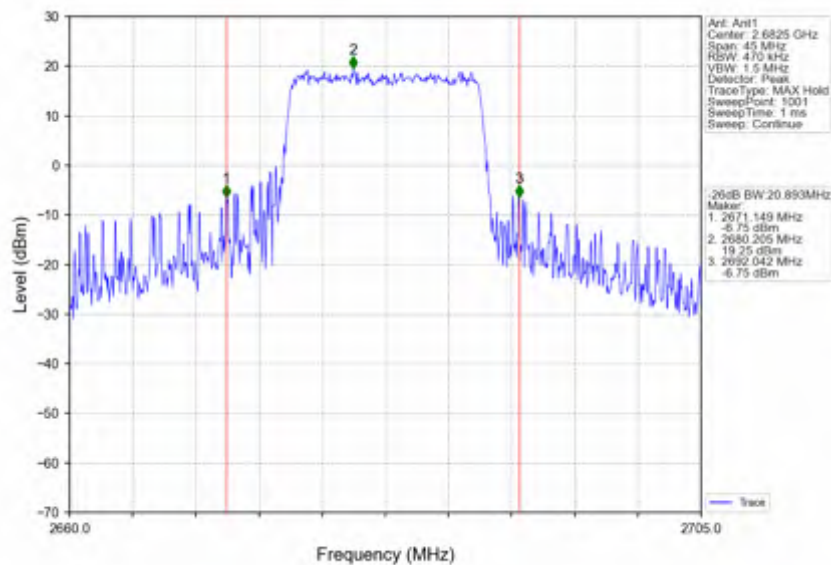
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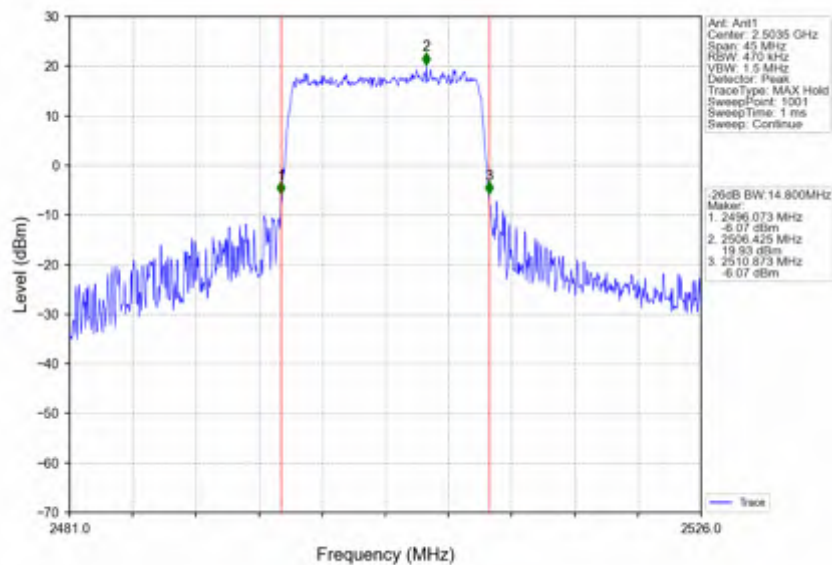
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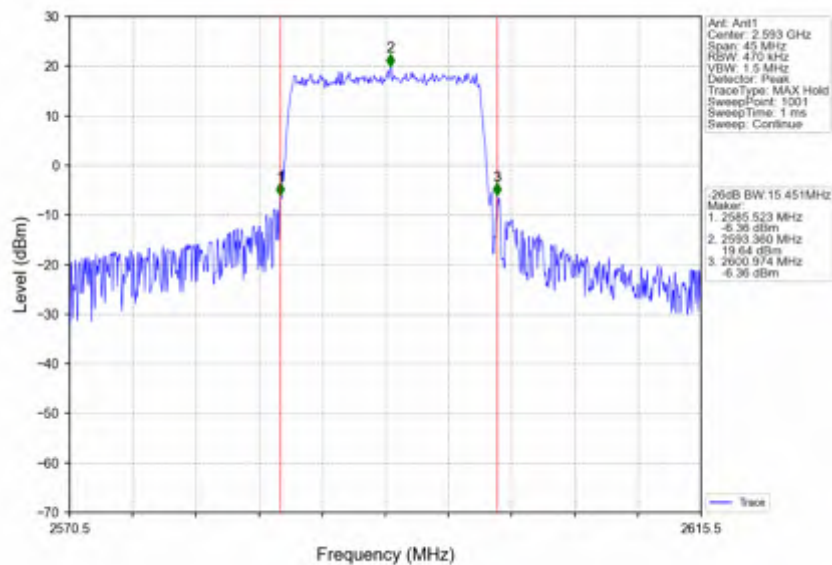
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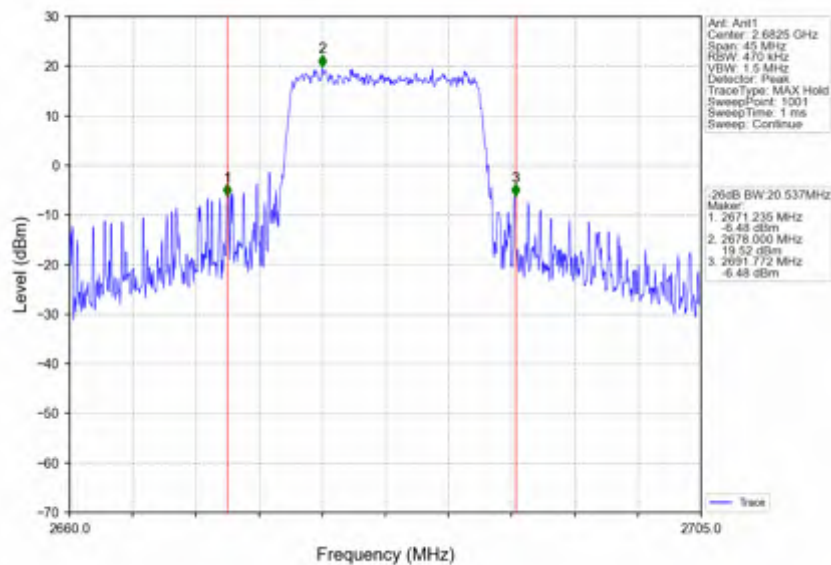
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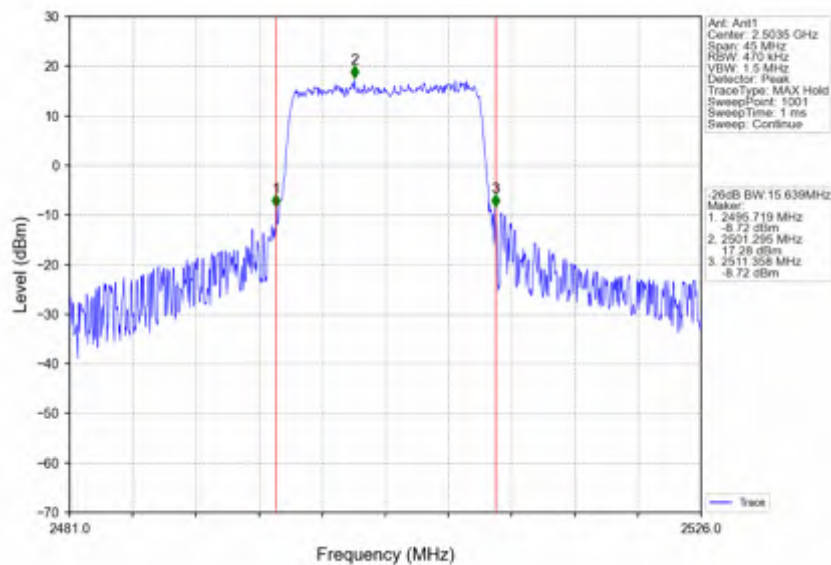
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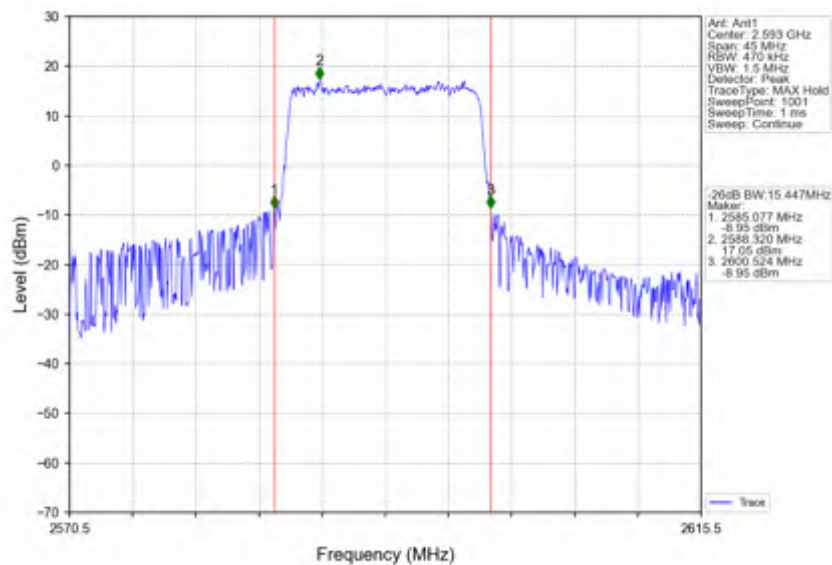
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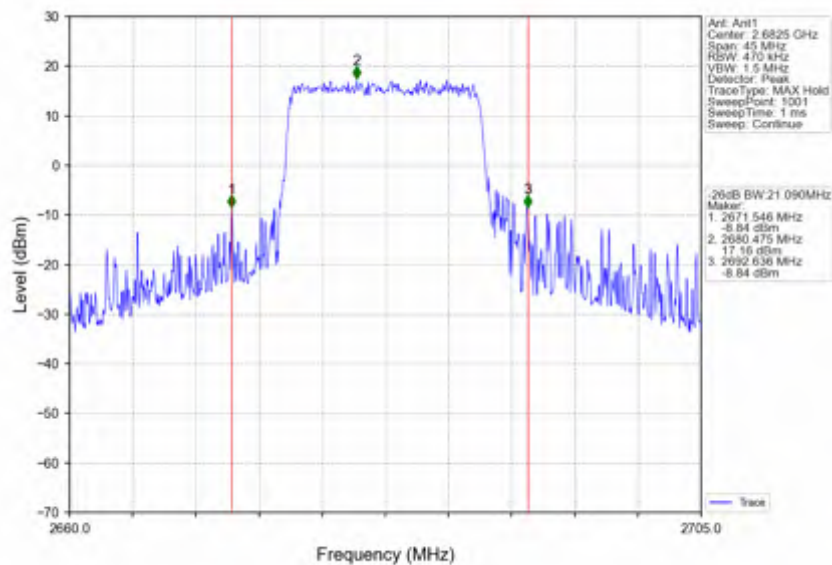
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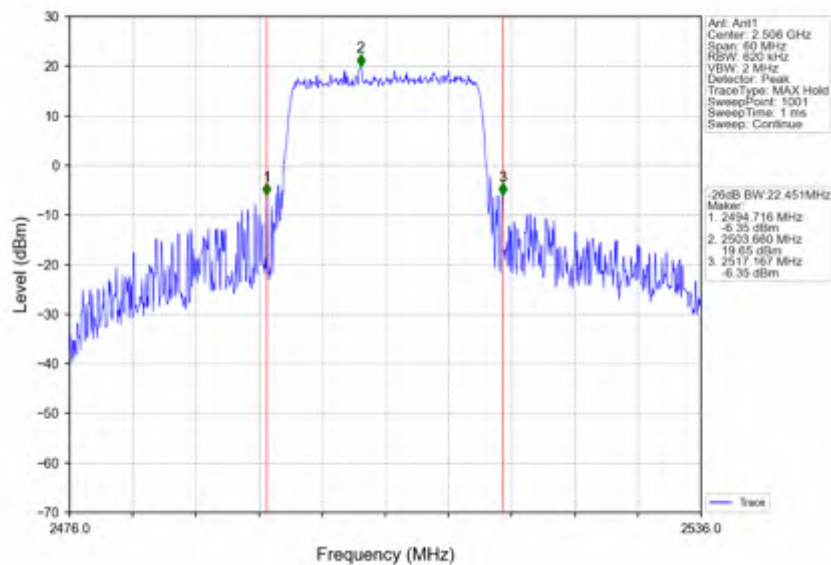
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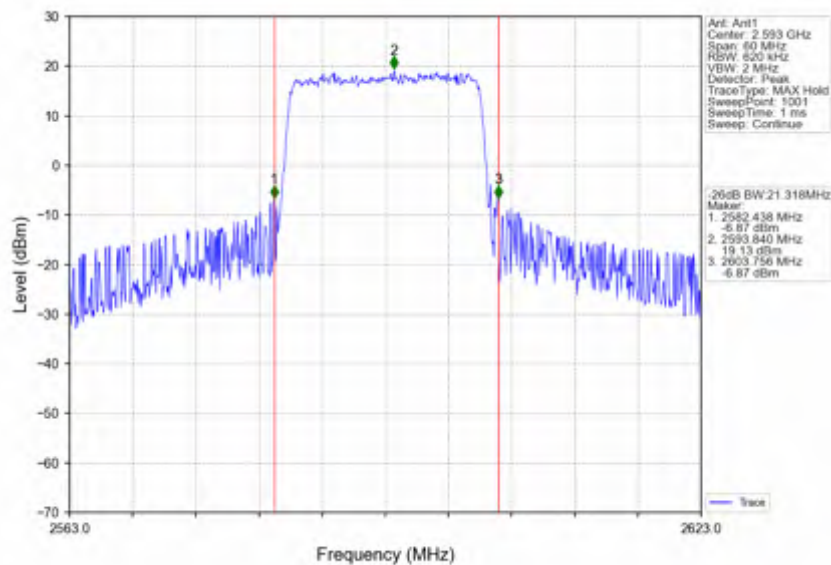
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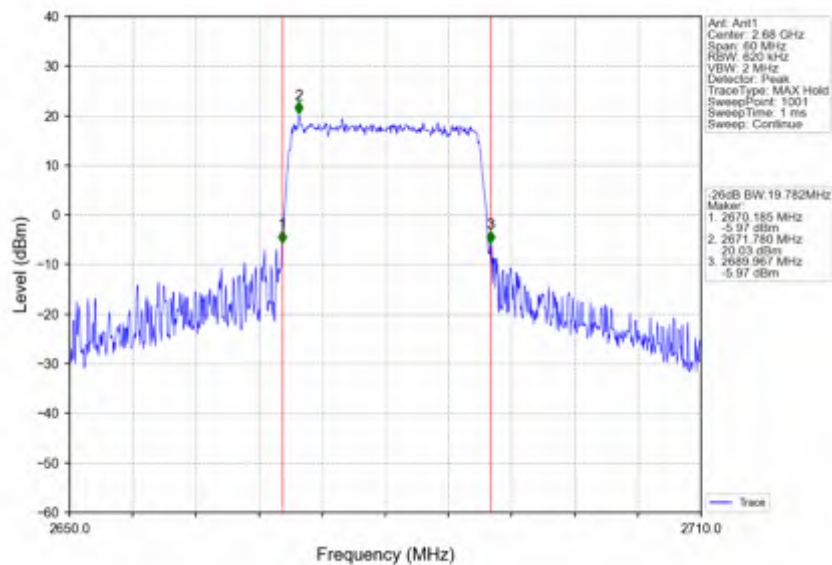
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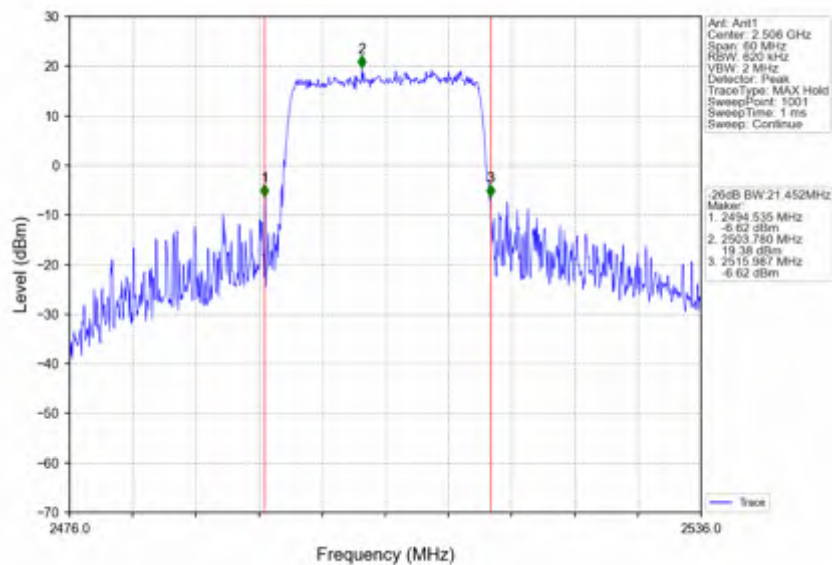
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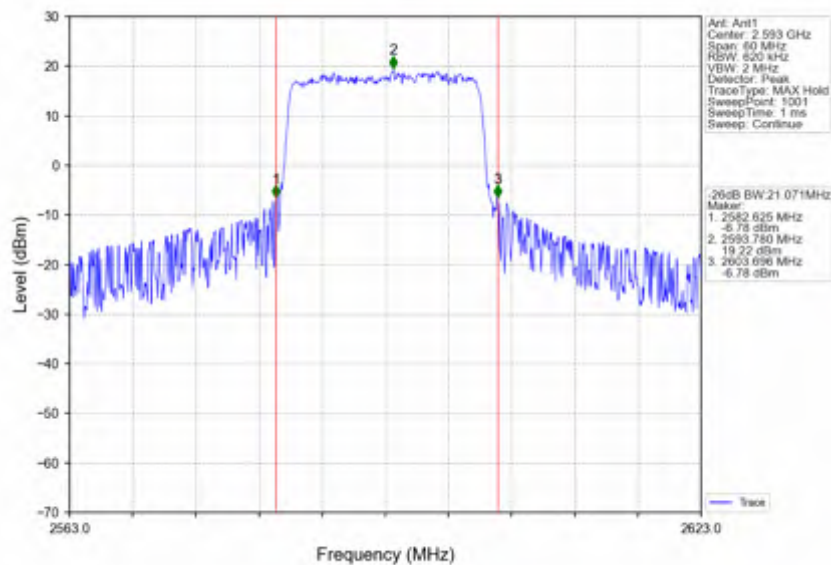
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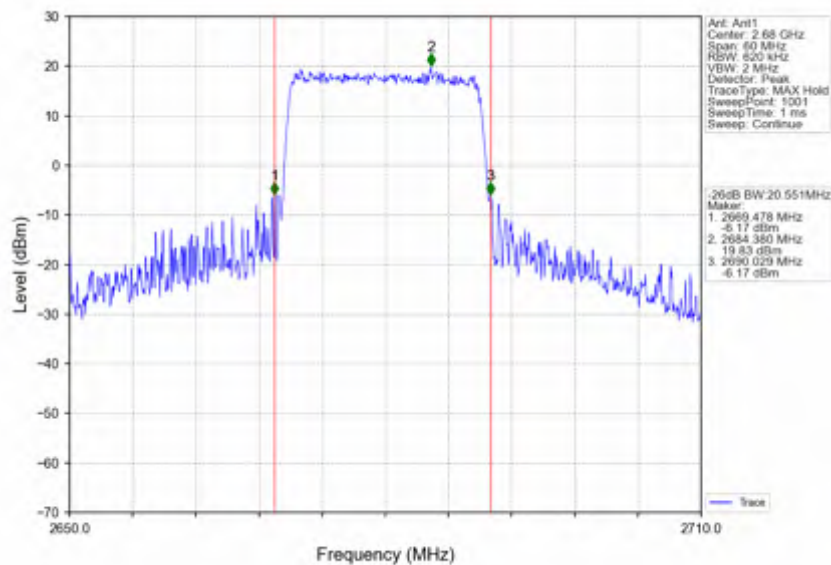
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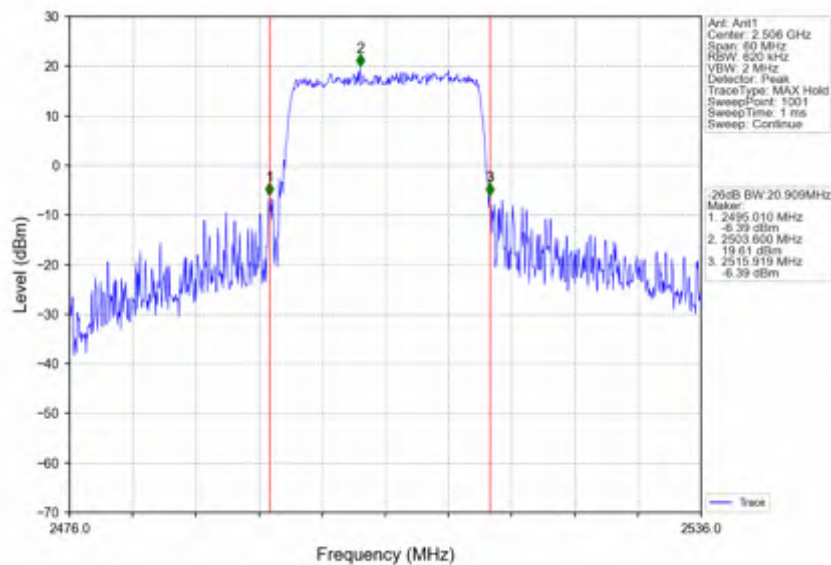
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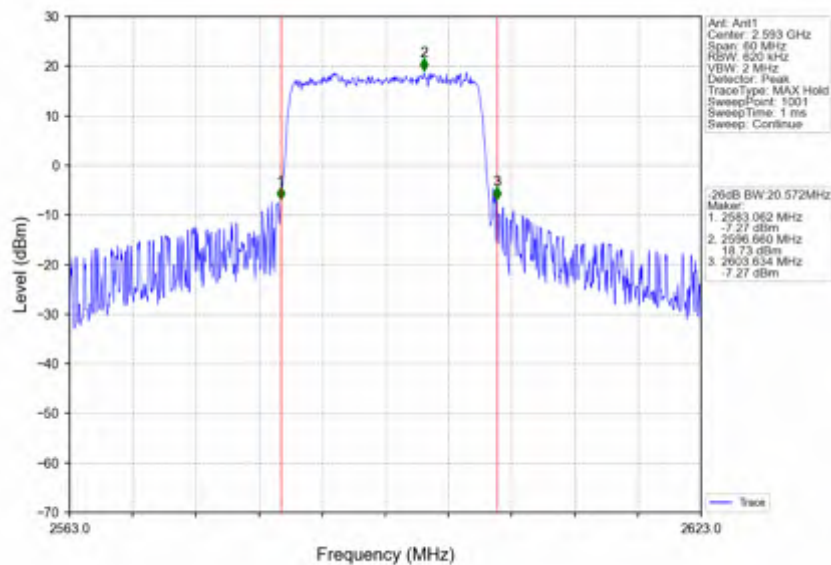
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