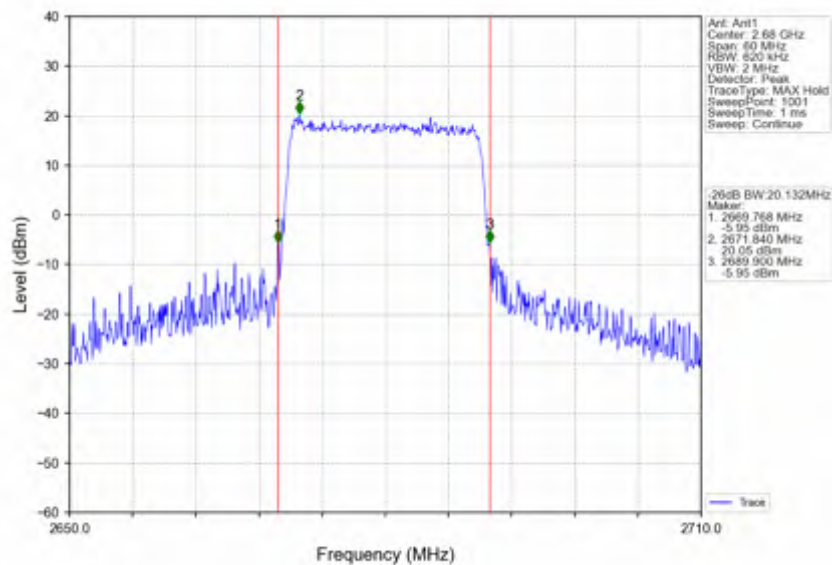
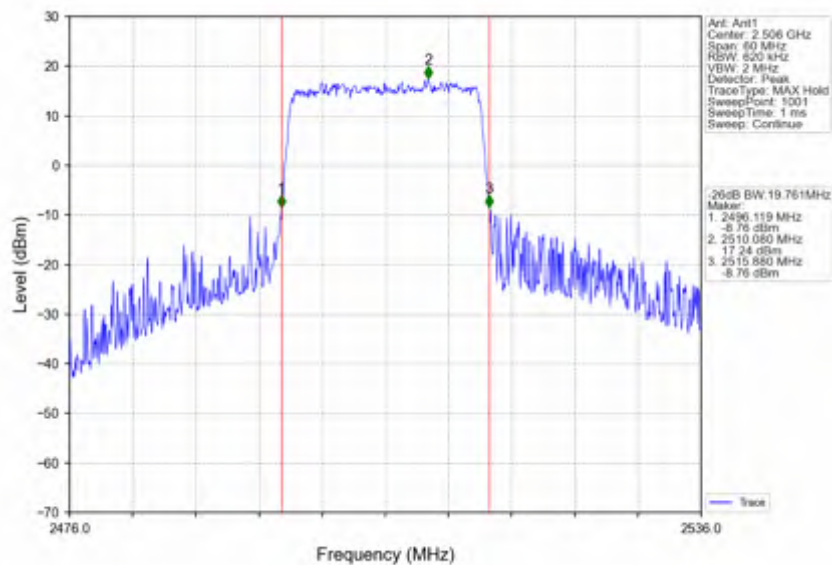


Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



Band41_20MHz_256QAM_LCH_2506MHz_RB_100_0_NTNV



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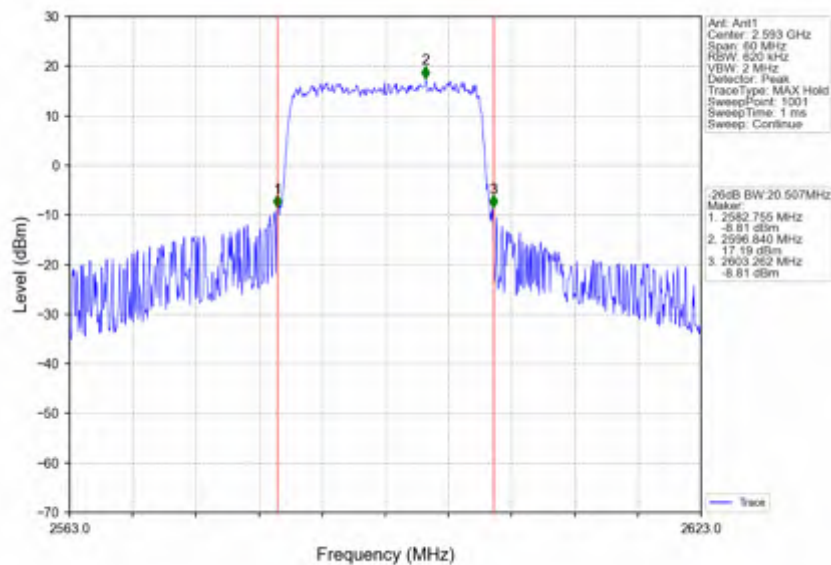
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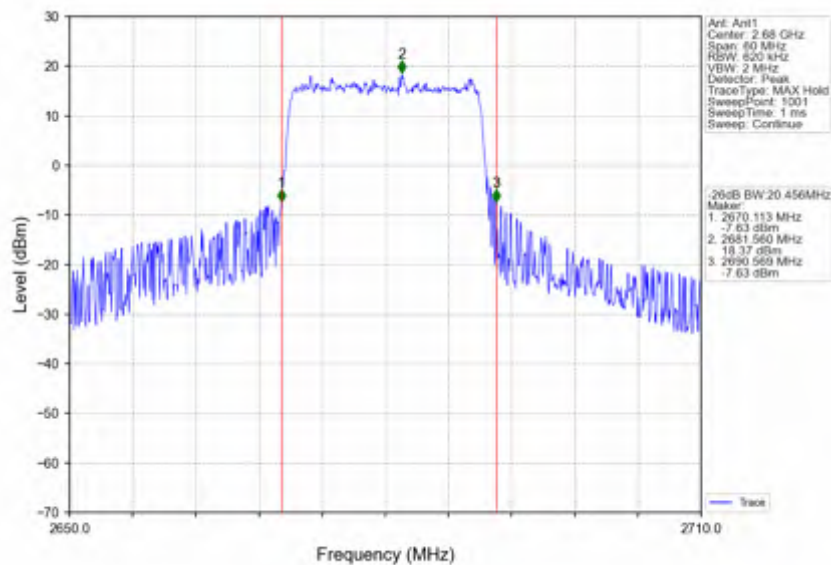
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Band41_20MHz_256QAM_HCH_2680MHz_RB_100_0_NTNV



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11. 99% & 26dB Bandwidth

11.1 Band42a_OBW

11.1.1 Test Result

Band: 42a / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	3452.5	25	0	4.565	Pass
		3500	25	0	4.540	Pass
		3547.5	25	0	4.551	Pass
	16QAM	3452.5	25	0	4.546	Pass
		3500	25	0	4.546	Pass
		3547.5	25	0	4.553	Pass
	64QAM	3452.5	25	0	4.542	Pass
		3500	25	0	4.551	Pass
		3547.5	25	0	4.552	Pass
	256QAM	3452.5	25	0	4.531	Pass
		3500	25	0	4.569	Pass
		3547.5	25	0	4.537	Pass
10	QPSK	3455	50	0	9.090	Pass
		3500	50	0	9.111	Pass
		3545	50	0	9.074	Pass
	16QAM	3455	50	0	9.079	Pass
		3500	50	0	9.092	Pass
		3545	50	0	9.063	Pass
	64QAM	3455	50	0	9.051	Pass
		3500	50	0	9.094	Pass
		3545	50	0	9.062	Pass
	256QAM	3455	50	0	9.086	Pass
		3500	50	0	9.056	Pass
		3545	50	0	9.094	Pass
15	QPSK	3457.5	75	0	13.604	Pass
		3500	75	0	13.626	Pass
		3542.5	75	0	13.614	Pass
	16QAM	3457.5	75	0	13.616	Pass
		3500	75	0	13.605	Pass
		3542.5	75	0	13.599	Pass
	64QAM	3457.5	75	0	13.565	Pass
		3500	75	0	13.605	Pass
		3542.5	75	0	13.613	Pass
	256QAM	3457.5	75	0	13.614	Pass
		3500	75	0	13.617	Pass
		3542.5	75	0	13.572	Pass
20	QPSK	3460	100	0	18.085	Pass
		3500	100	0	18.147	Pass
		3540	100	0	18.099	Pass
	16QAM	3460	100	0	18.089	Pass
		3500	100	0	18.156	Pass
		3540	100	0	18.054	Pass
	64QAM	3460	100	0	18.102	Pass
		3460	100	0	18.102	Pass



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		3500	100	0	18.120	Pass
		3540	100	0	18.106	Pass
	256QAM	3460	100	0	18.111	Pass
		3500	100	0	18.060	Pass
		3540	100	0	18.081	Pass



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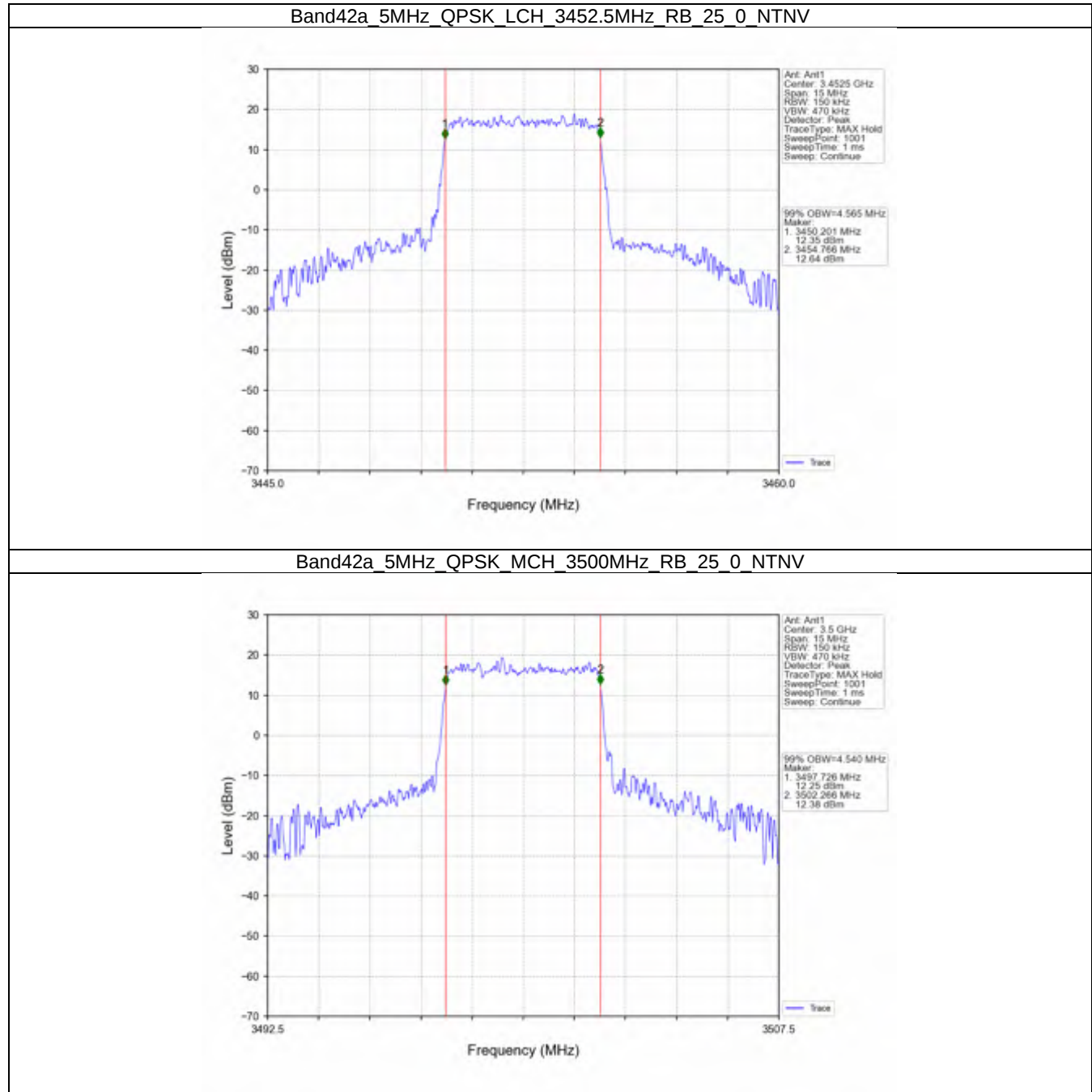
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11.1.2 Test Graph



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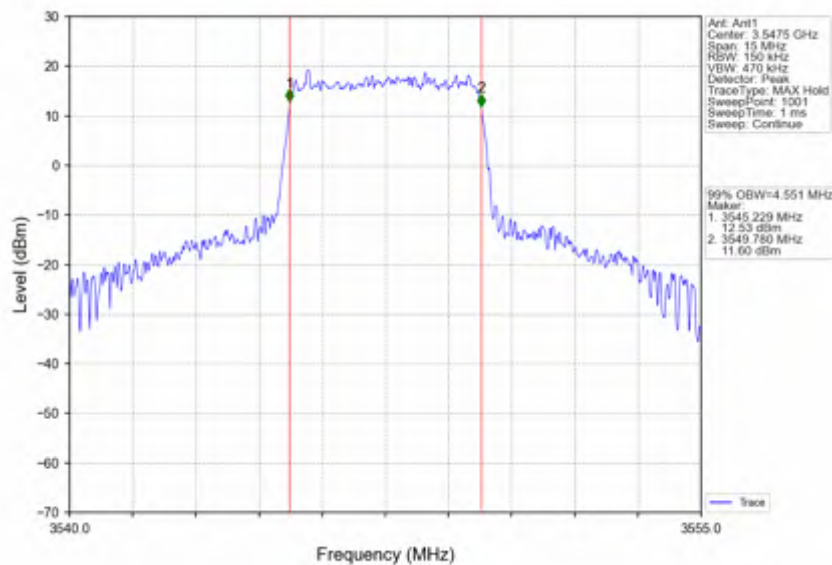
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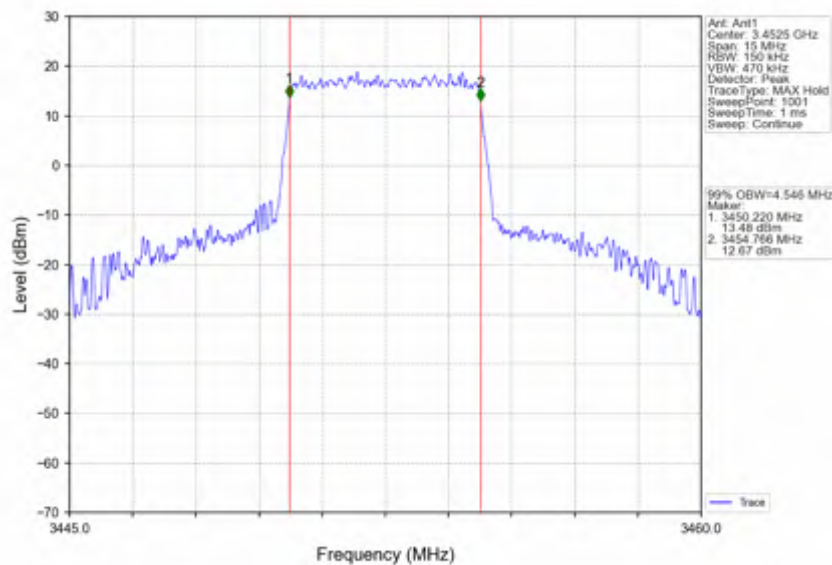
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Band42a_5MHz_QPSK_HCH_3547.5MHz_RB_25_0_NTNV



Band42a_5MHz_16QAM_LCH_3452.5MHz_RB_25_0_NTNV



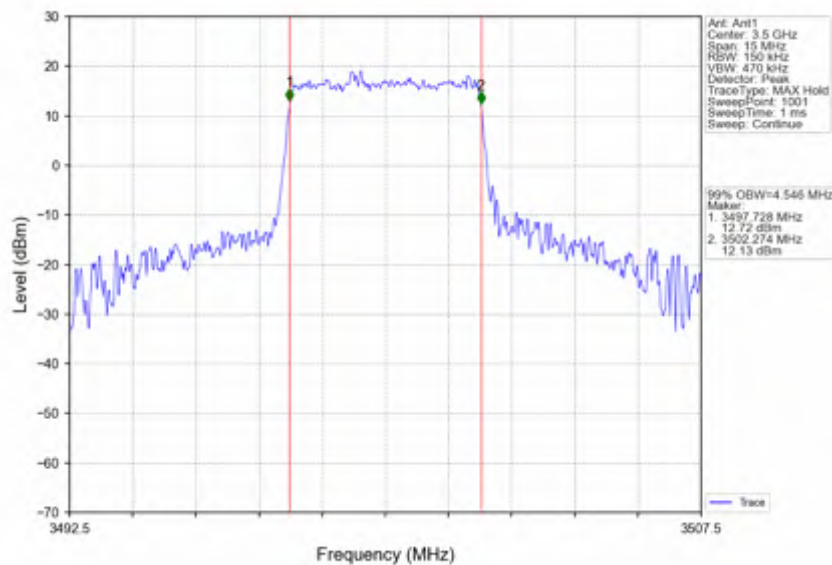
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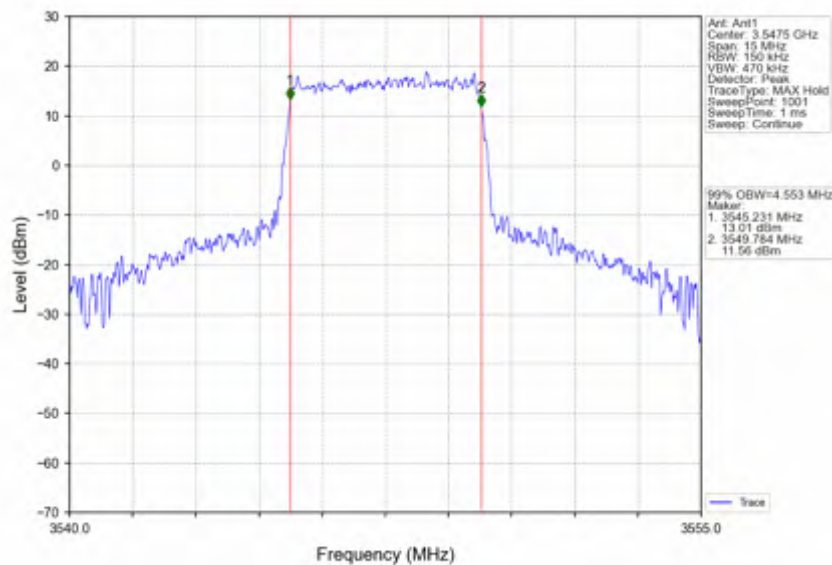
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Band42a_5MHz_16QAM_MCH_3500MHz_RB_25_0_NTNV



Band42a_5MHz_16QAM_HCH_3547.5MHz_RB_25_0_NTNV



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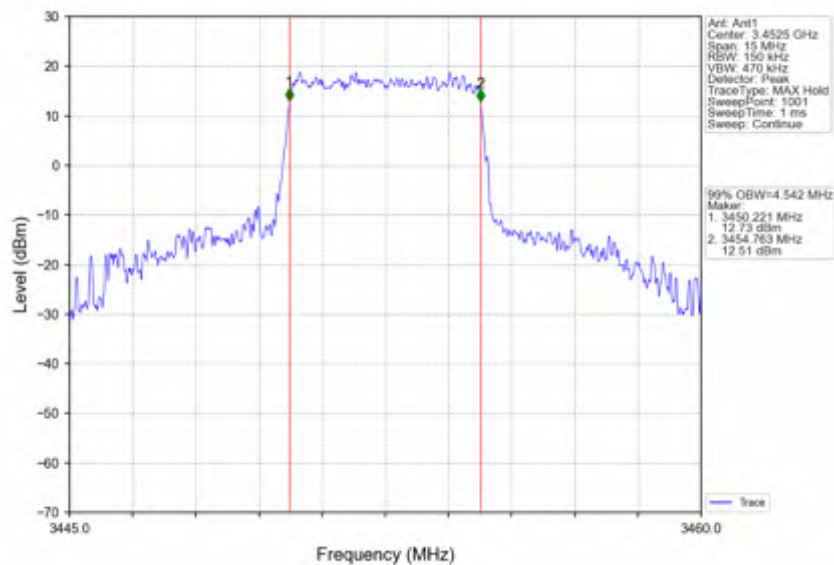
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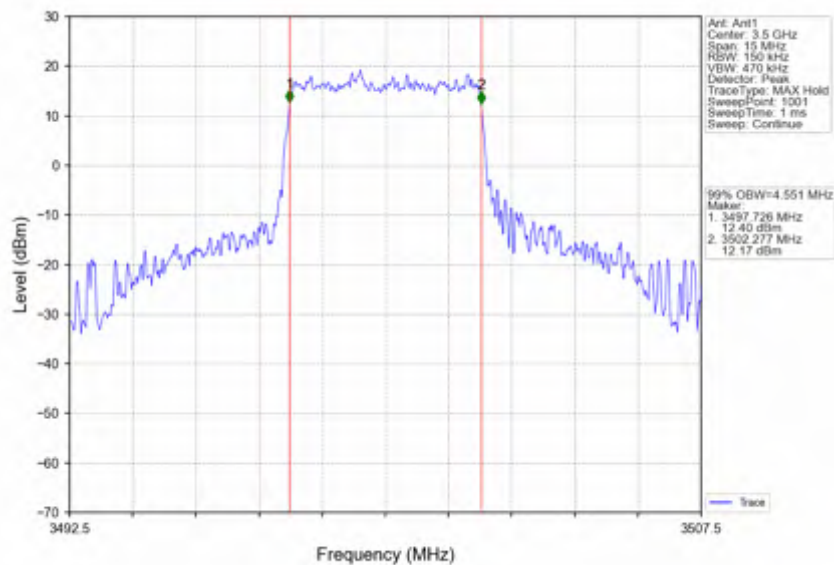
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Band42a_5MHz_64QAM_MCH_3500MHz_RB_25_0_NTNV



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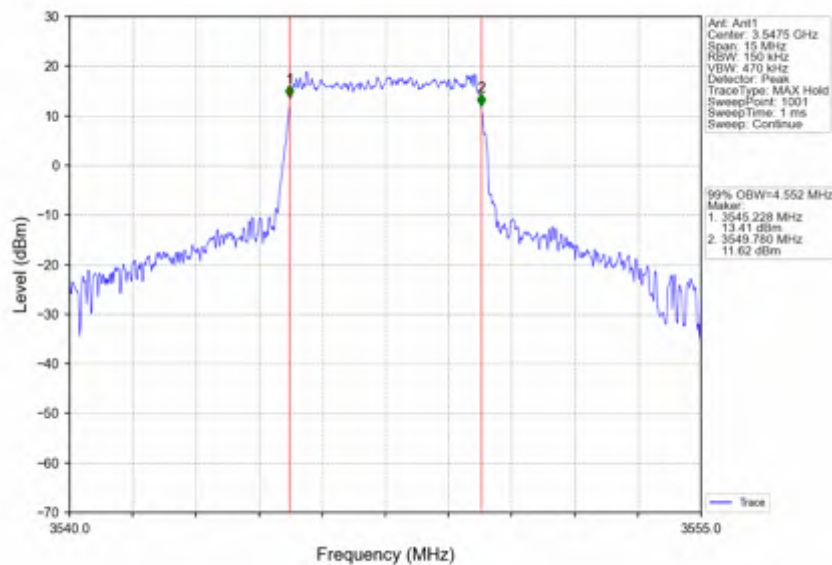
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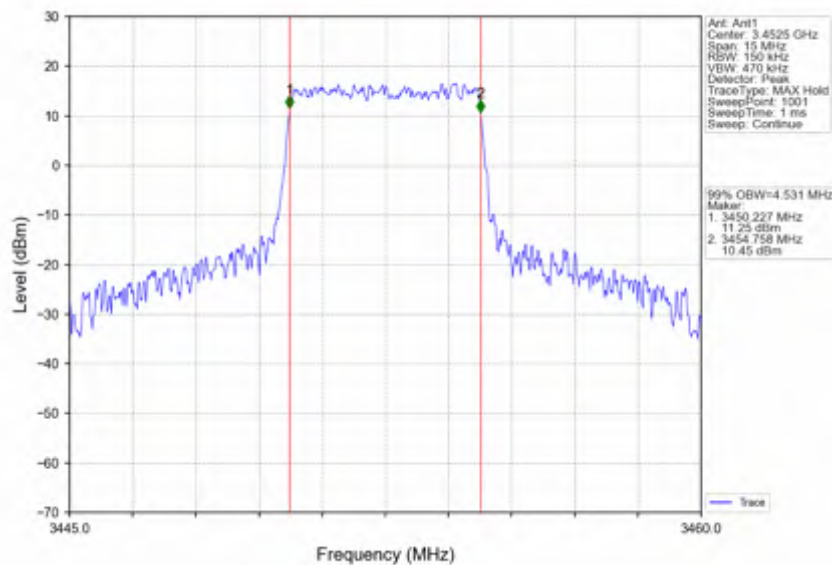
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Band42a 5MHz 256QAM LCH 3452.5MHz RB 25 0 NTNV



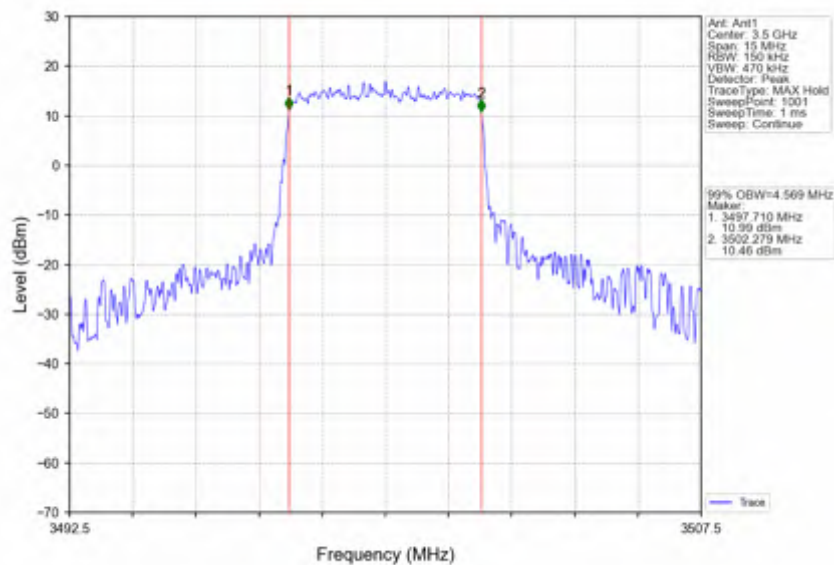
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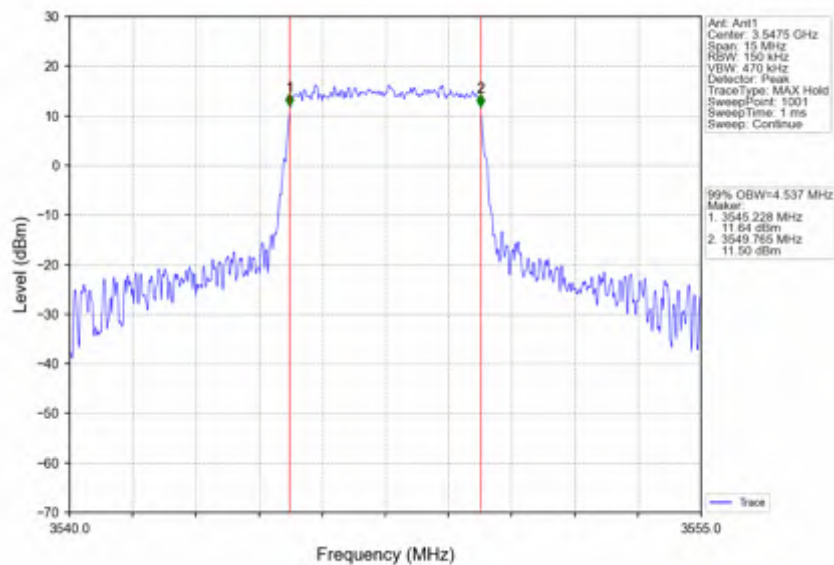
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Band42a 5MHz 256QAM MCH 3500MHz RB 25 0 NTNV



Band42a 5MHz 256QAM HCH 3547.5MHz RB 25 0 NTNV

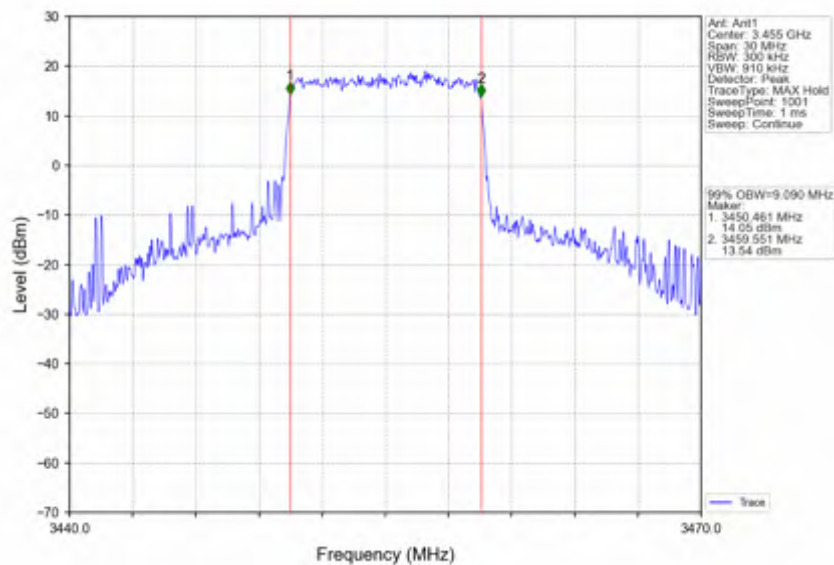


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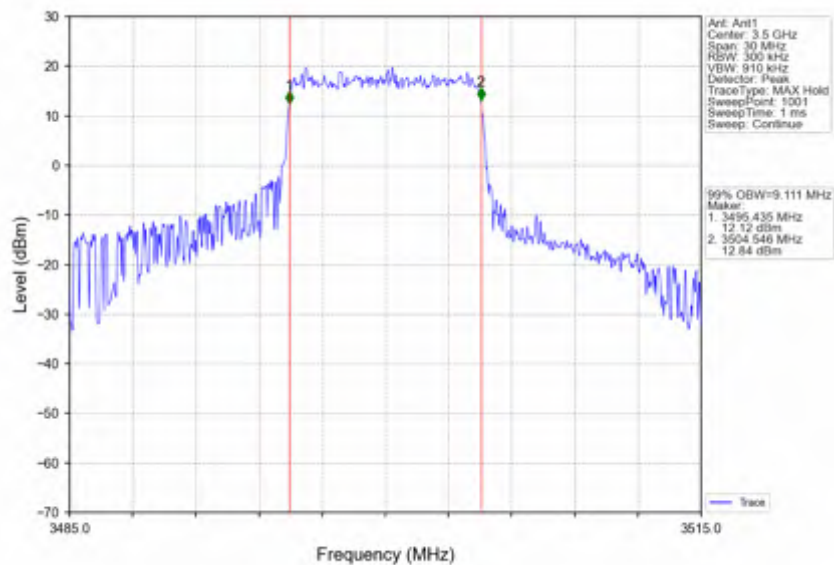
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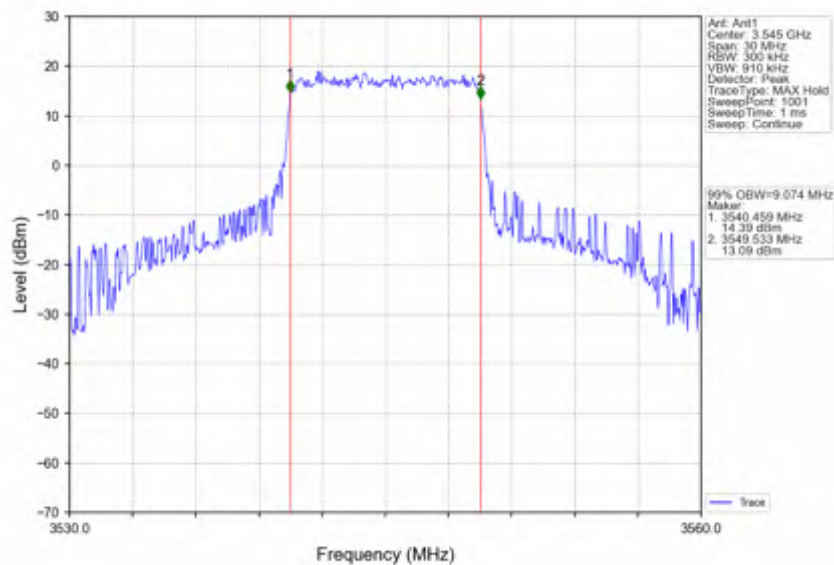
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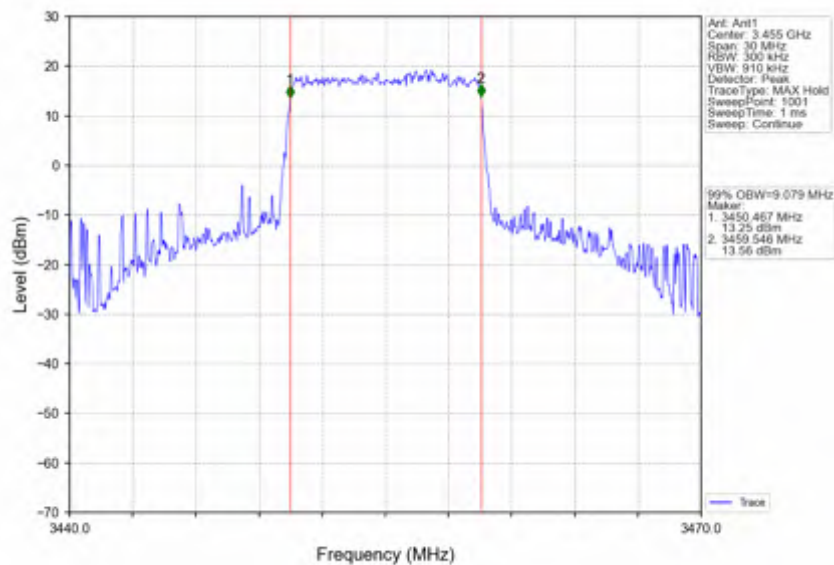
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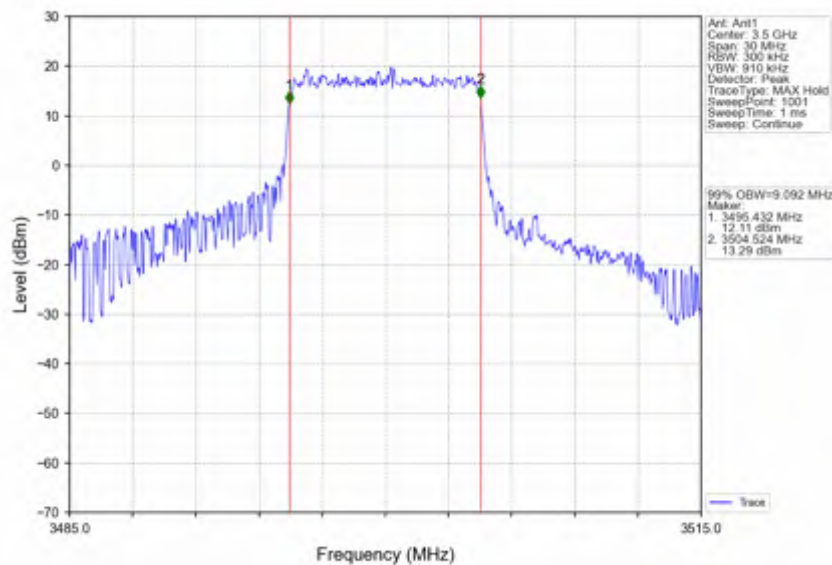
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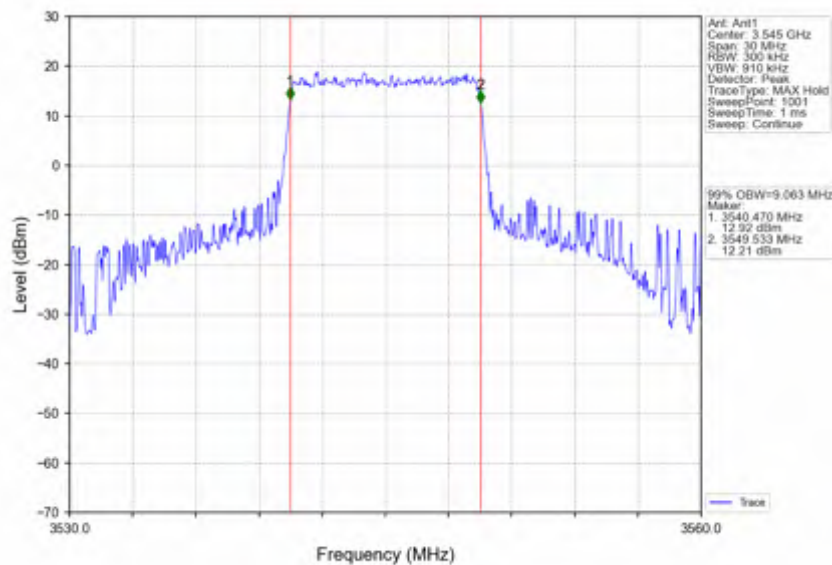
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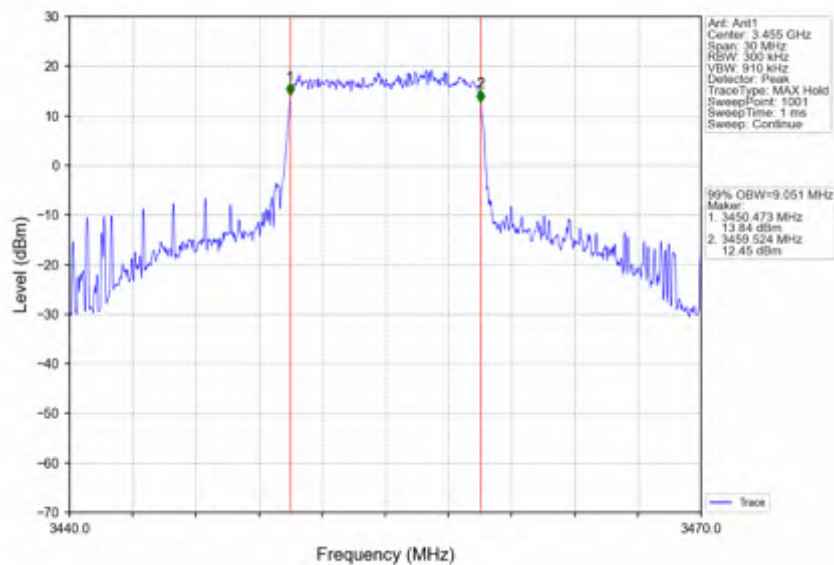
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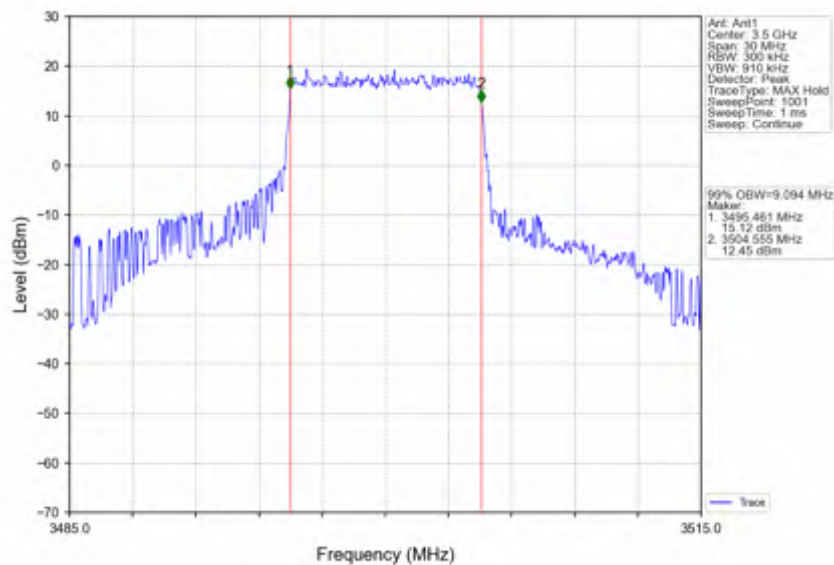
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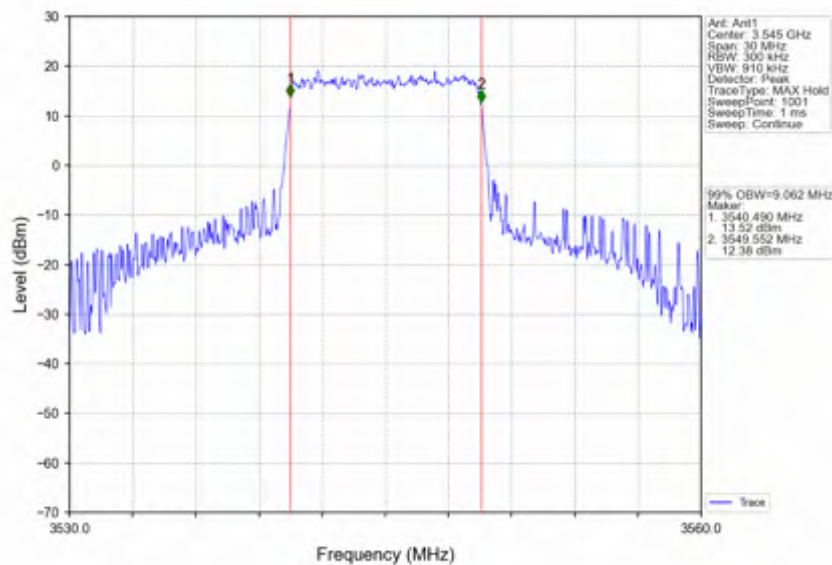
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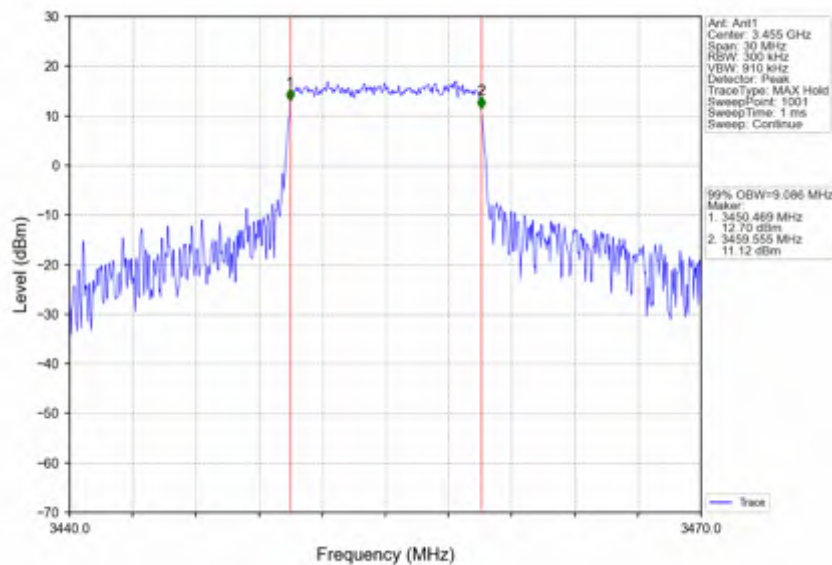
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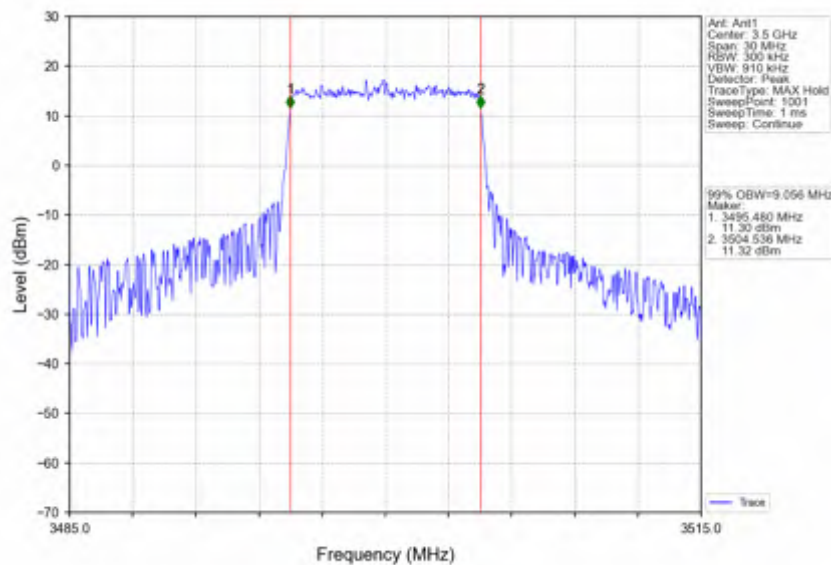
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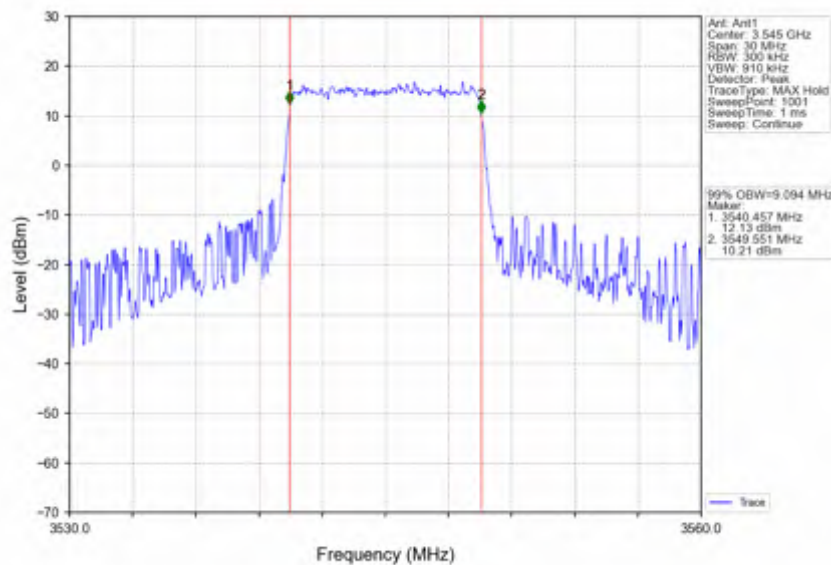
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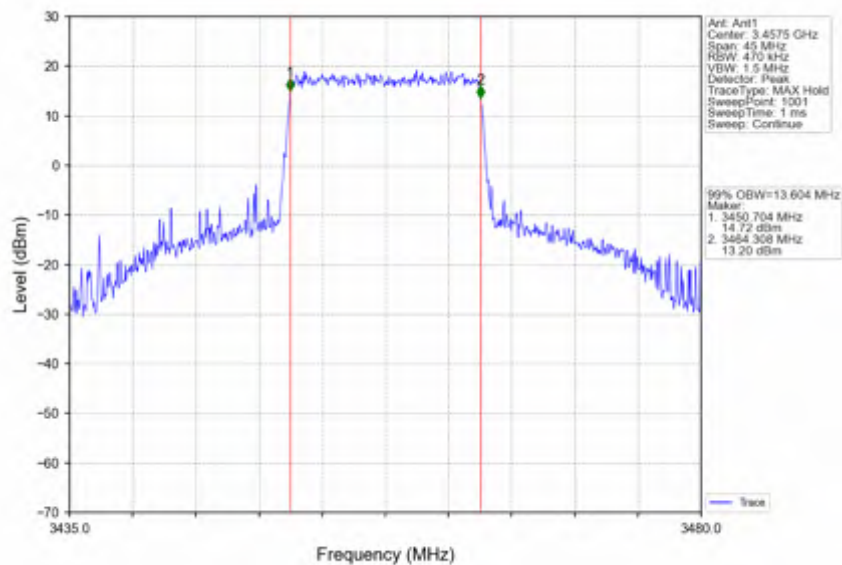
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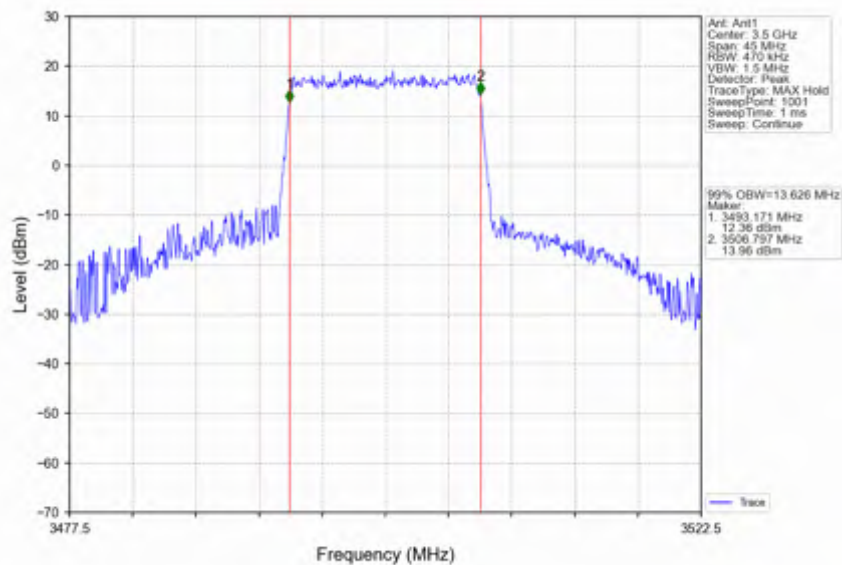
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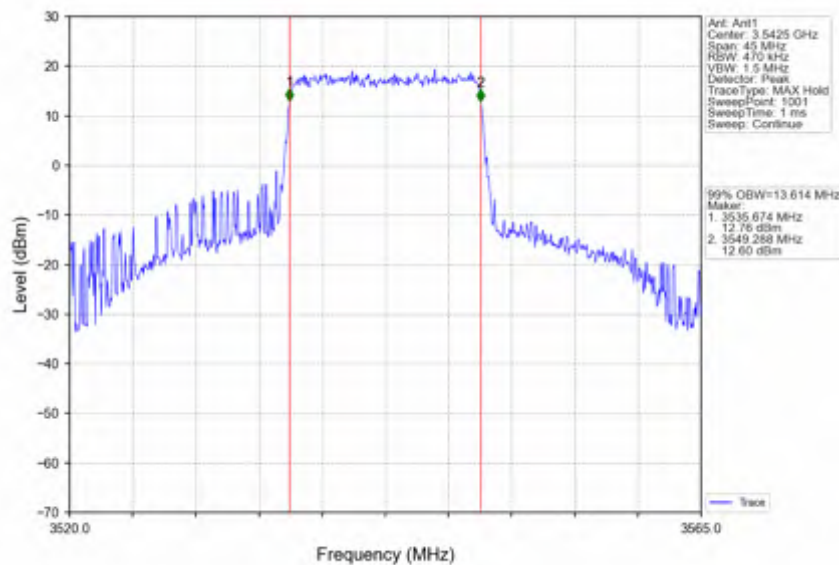
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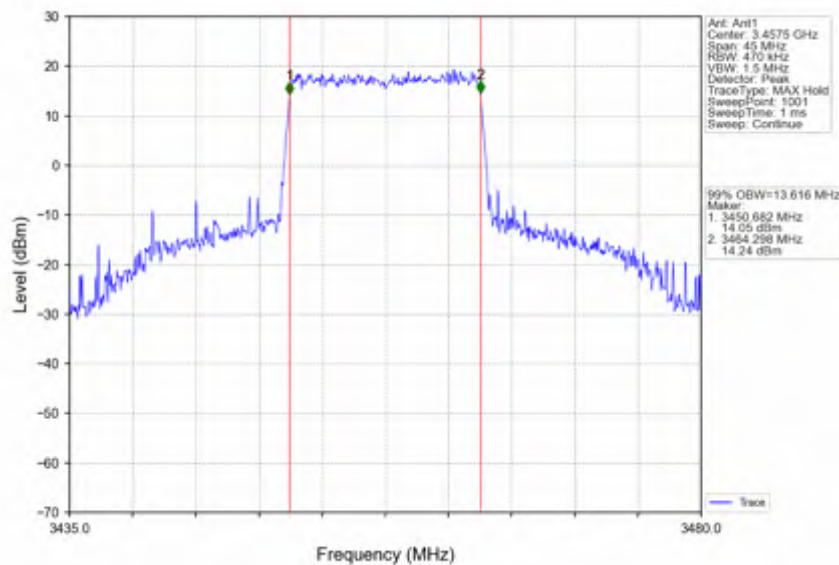
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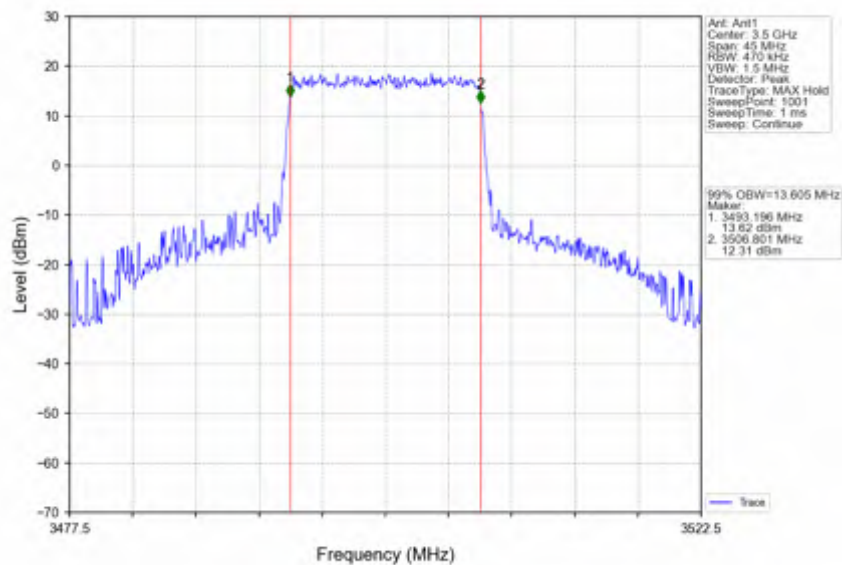
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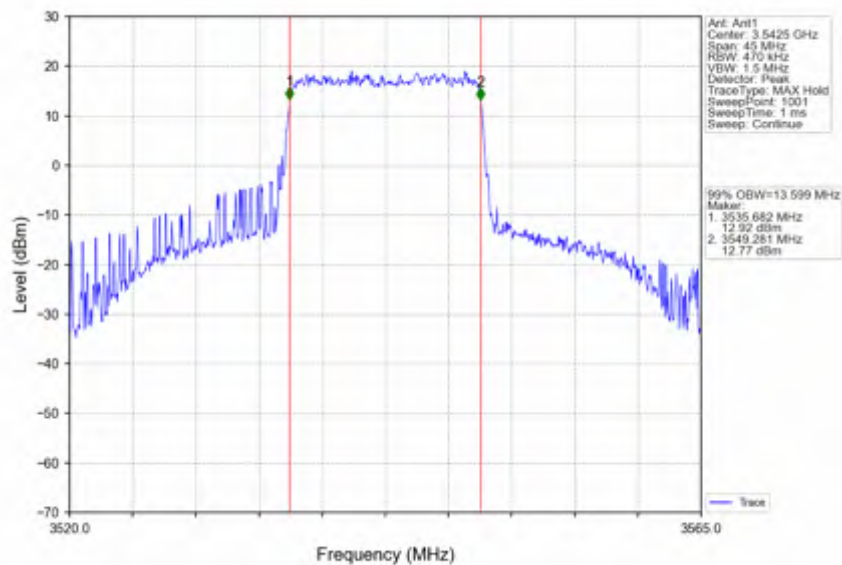
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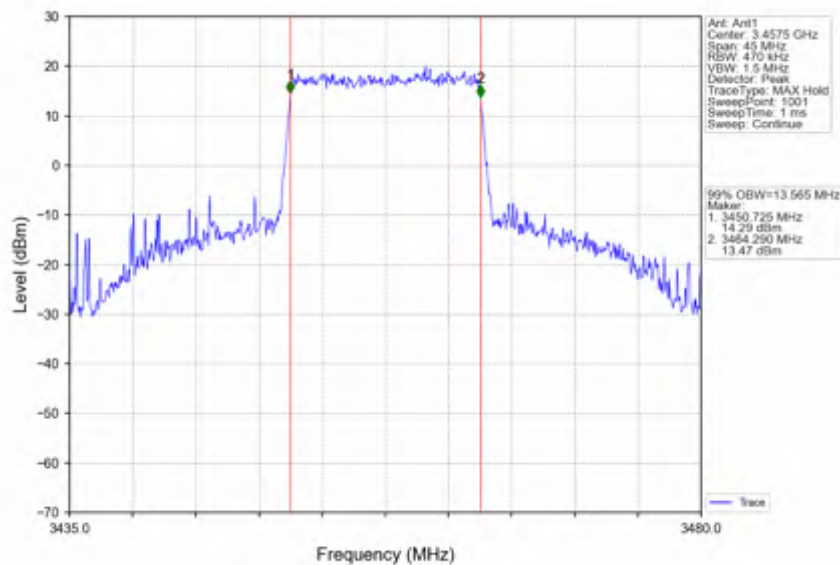
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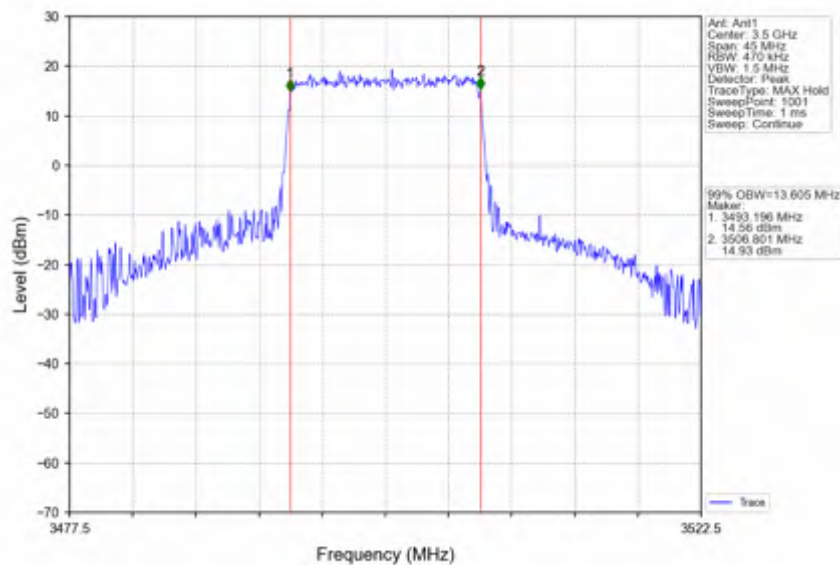
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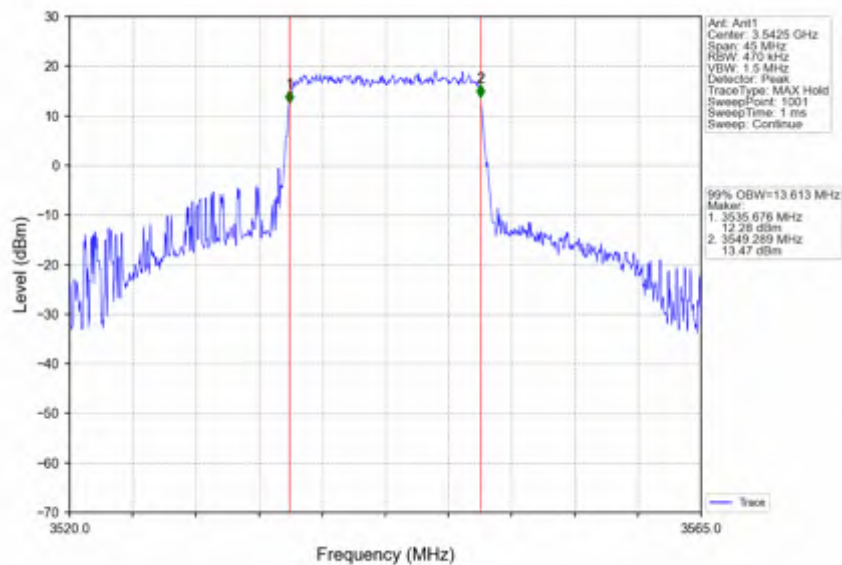
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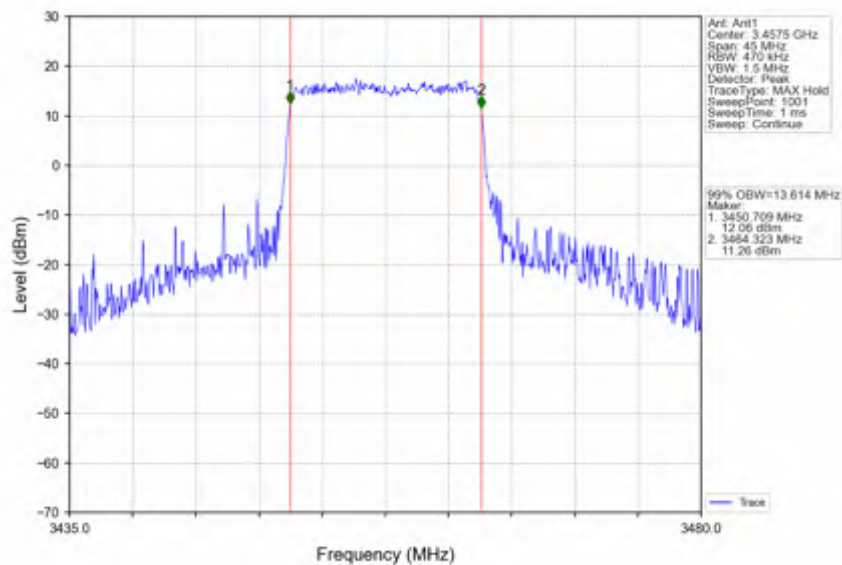
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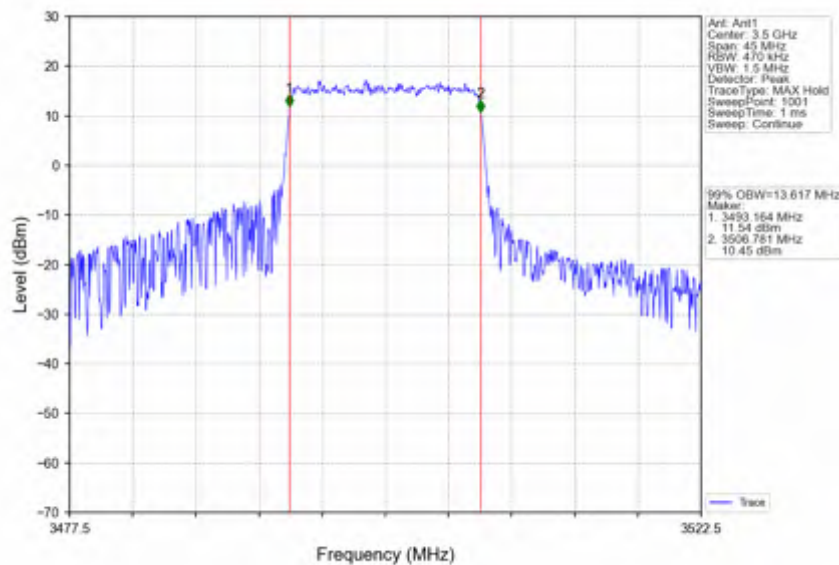
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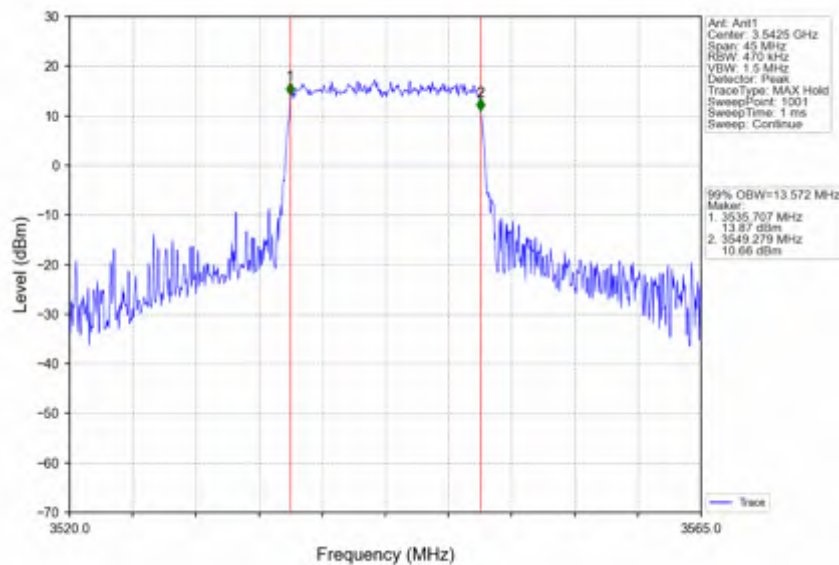
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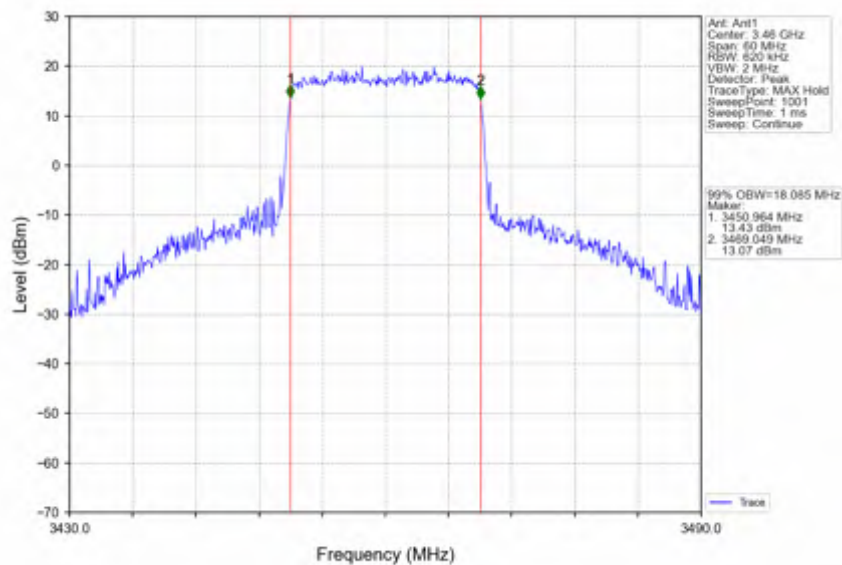
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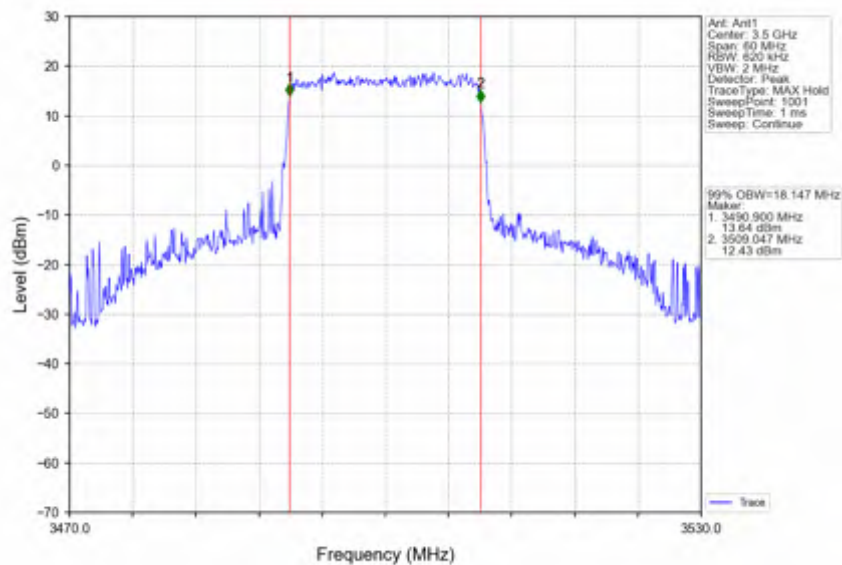
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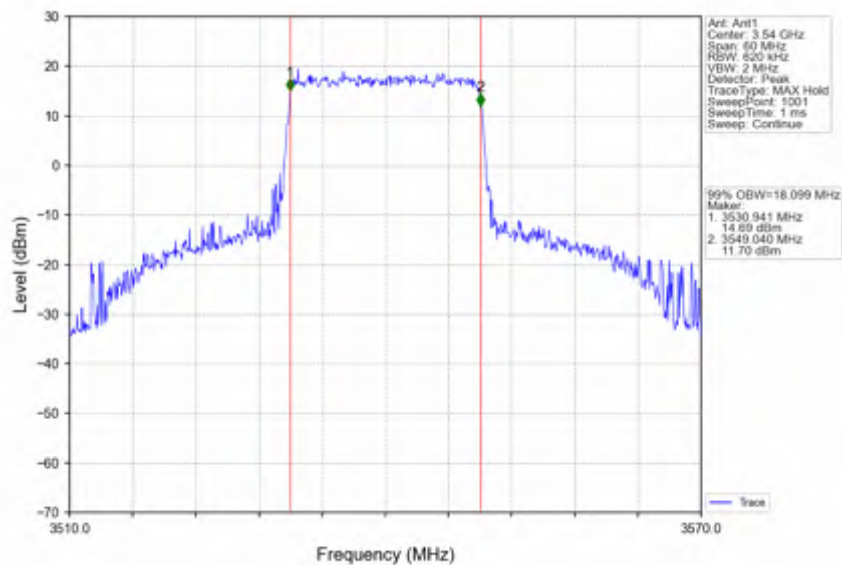
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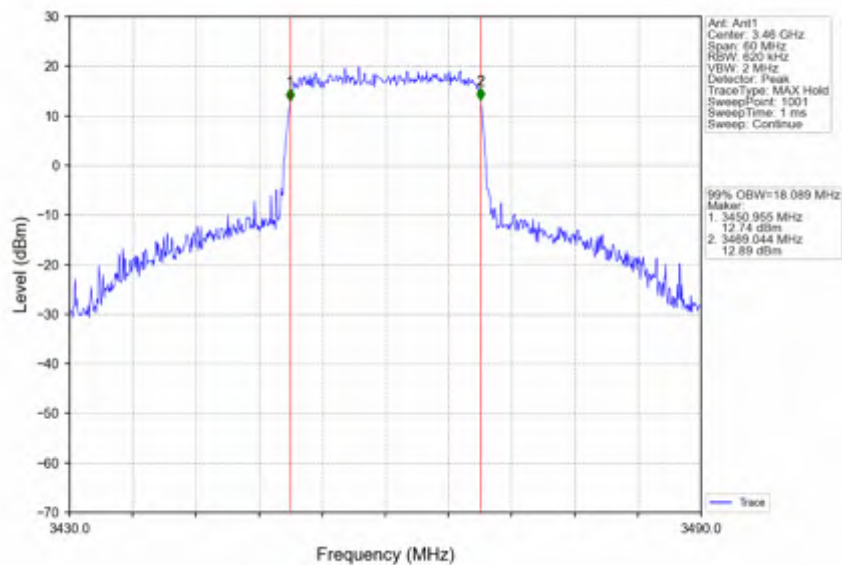
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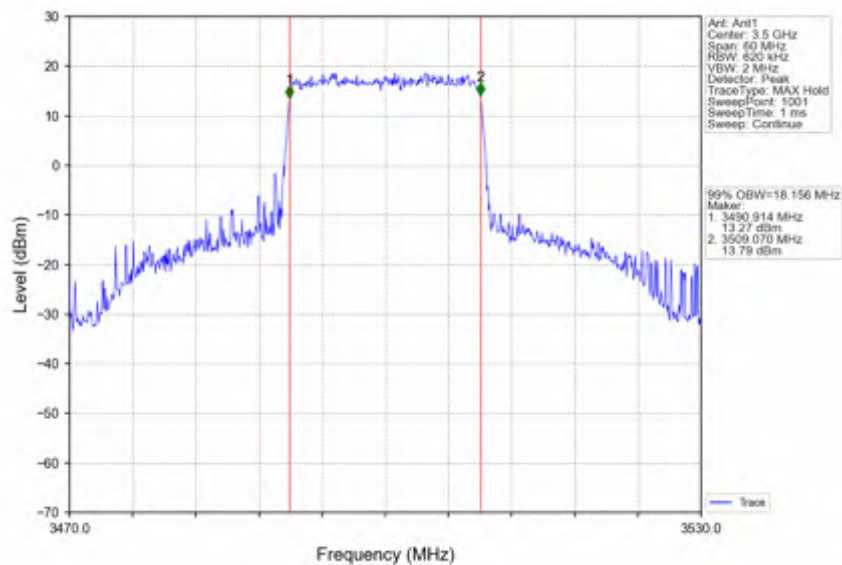


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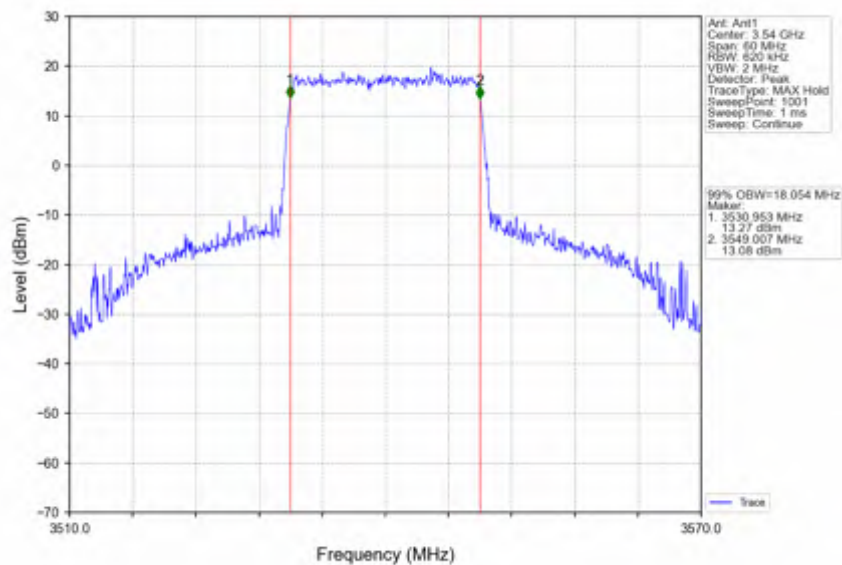
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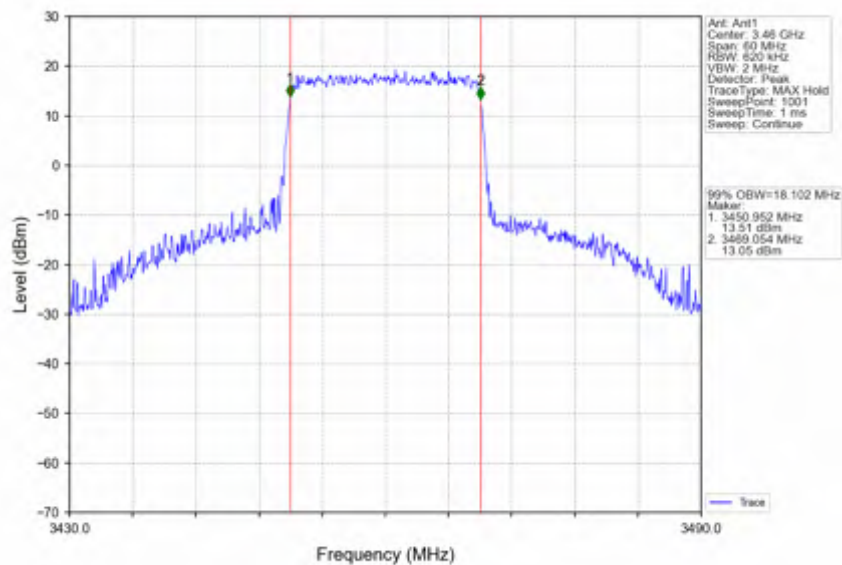
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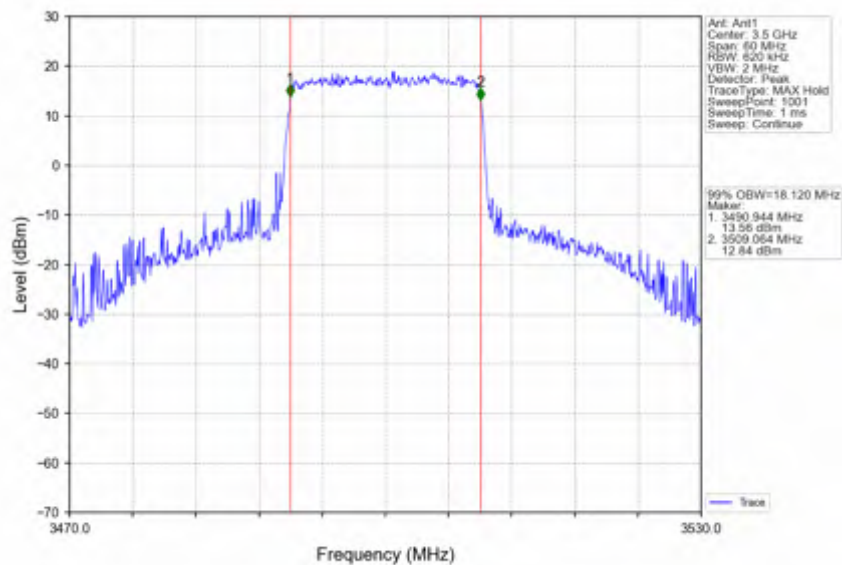
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Band42a 20MHz 64QAM LCH 3460MHz RB 100 0 NTNV



Band42a 20MHz 64QAM MCH 3500MHz RB 100 0 NTNV

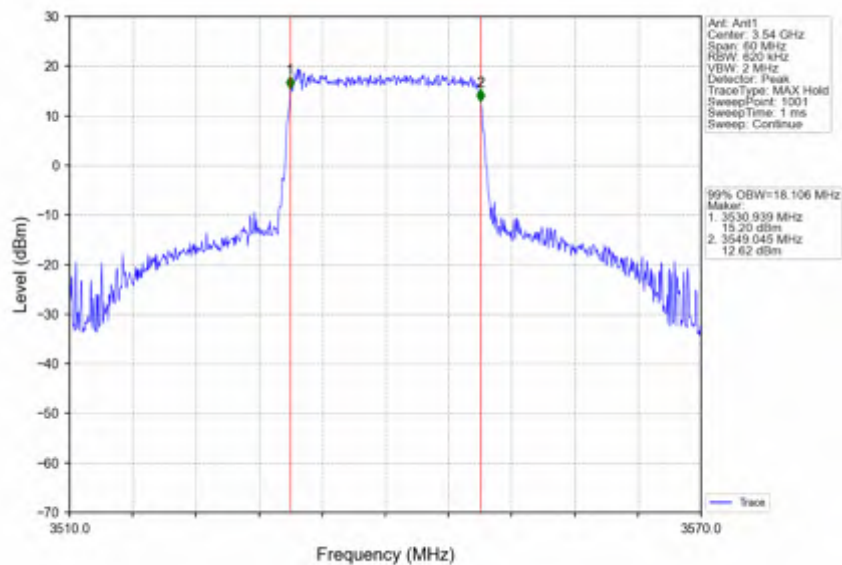


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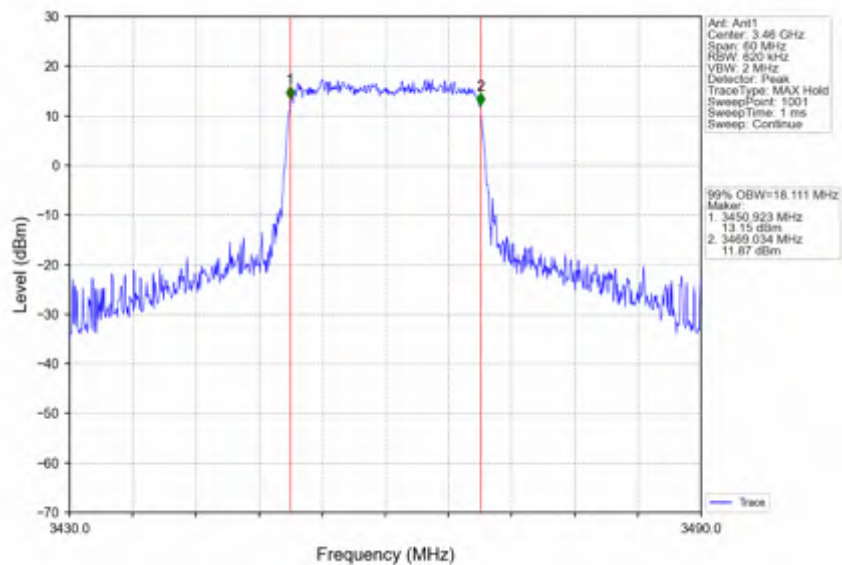
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Band42a 20MHz 64QAM HCH 3540MHz RB 100 0 NTNV



Band42a 20MHz 256QAM LCH 3460MHz RB 100 0 NTNV

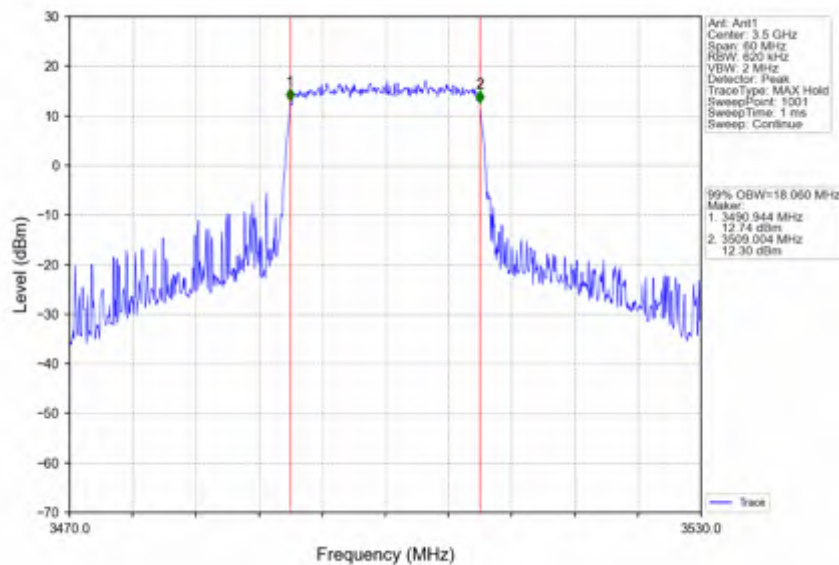


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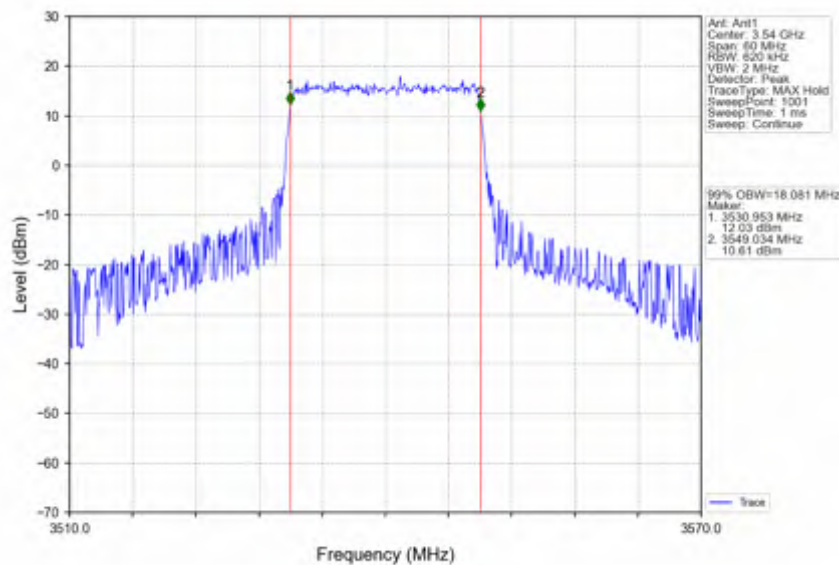
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Band42a_20MHz_256QAM_MCH_3500MHz_RB_100_0_NTNV



Band42a_20MHz_256QAM_HCH_3540MHz_RB_100_0_NTNV



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11.2 Band42a_XDB

11.2.1 Test Result

Band: 42a / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	3452.5	25	0	5.179	Pass
		3500	25	0	5.138	Pass
		3547.5	25	0	5.033	Pass
	16QAM	3452.5	25	0	5.250	Pass
		3500	25	0	5.096	Pass
		3547.5	25	0	5.039	Pass
	64QAM	3452.5	25	0	5.062	Pass
		3500	25	0	5.210	Pass
		3547.5	25	0	5.061	Pass
	256QAM	3452.5	25	0	5.007	Pass
		3500	25	0	5.019	Pass
		3547.5	25	0	5.059	Pass
10	QPSK	3455	50	0	10.545	Pass
		3500	50	0	11.258	Pass
		3545	50	0	12.249	Pass
	16QAM	3455	50	0	11.807	Pass
		3500	50	0	11.593	Pass
		3545	50	0	12.499	Pass
	64QAM	3455	50	0	13.462	Pass
		3500	50	0	11.204	Pass
		3545	50	0	11.543	Pass
	256QAM	3455	50	0	12.127	Pass
		3500	50	0	10.935	Pass
		3545	50	0	10.946	Pass
15	QPSK	3457.5	75	0	17.394	Pass
		3500	75	0	14.966	Pass
		3542.5	75	0	21.184	Pass
	16QAM	3457.5	75	0	17.749	Pass
		3500	75	0	14.998	Pass
		3542.5	75	0	19.406	Pass
	64QAM	3457.5	75	0	14.858	Pass
		3500	75	0	15.135	Pass
		3542.5	75	0	20.657	Pass
	256QAM	3457.5	75	0	19.811	Pass
		3500	75	0	19.631	Pass
		3542.5	75	0	15.232	Pass
20	QPSK	3460	100	0	20.008	Pass
		3500	100	0	21.573	Pass
		3540	100	0	20.687	Pass
	16QAM	3460	100	0	20.821	Pass
		3500	100	0	21.912	Pass
		3540	100	0	19.634	Pass
	64QAM	3460	100	0	20.086	Pass
		3500	100	0	23.229	Pass
		3540	100	0	19.683	Pass
	256QAM	3460	100	0	20.061	Pass



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		3500	100	0	22.890	Pass
		3540	100	0	21.556	Pass



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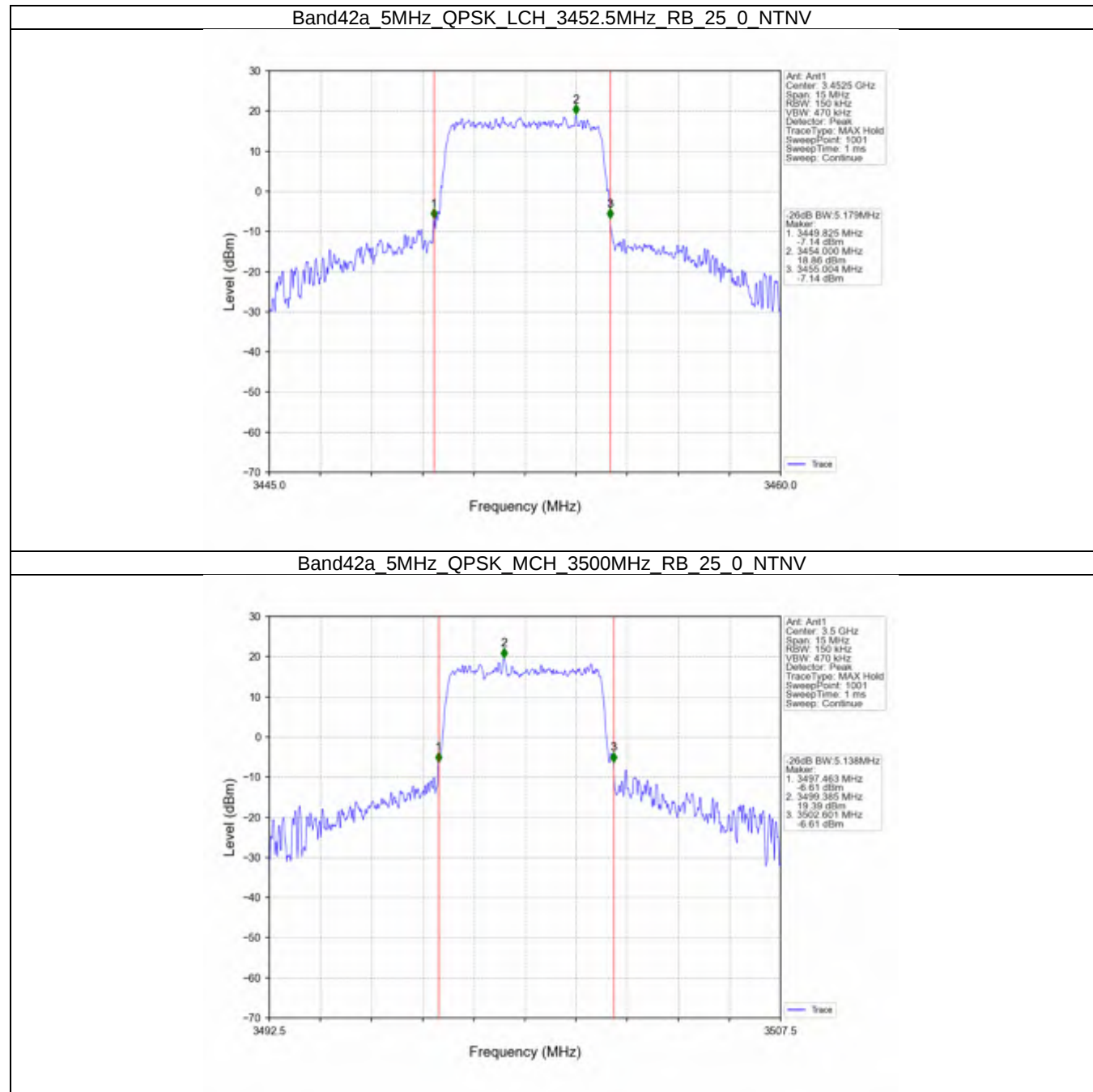
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11.2.2 Test Graph

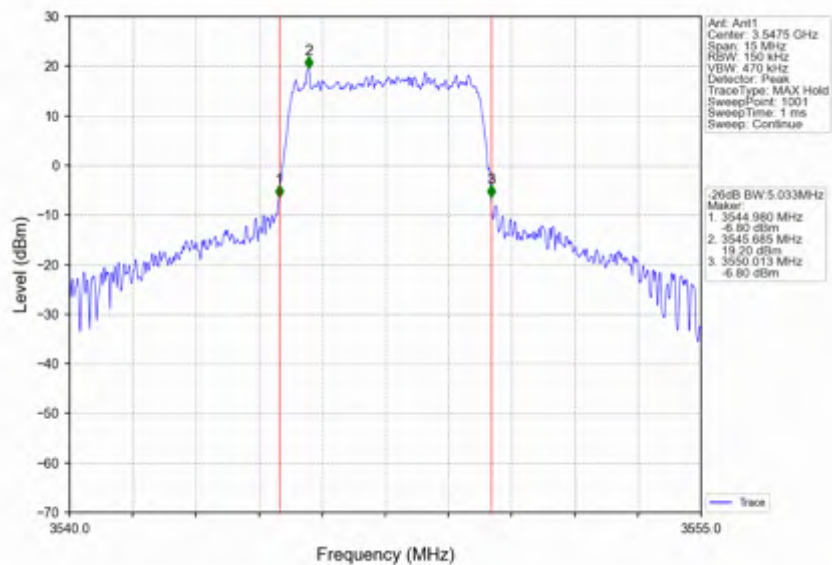


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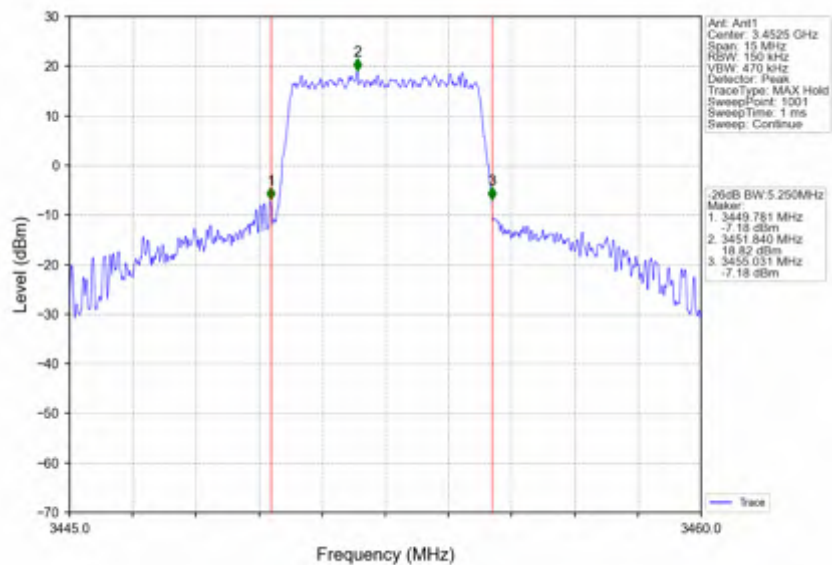
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Band42a 5MHz QPSK HCH 3547.5MHz RB 25 0 NTNV



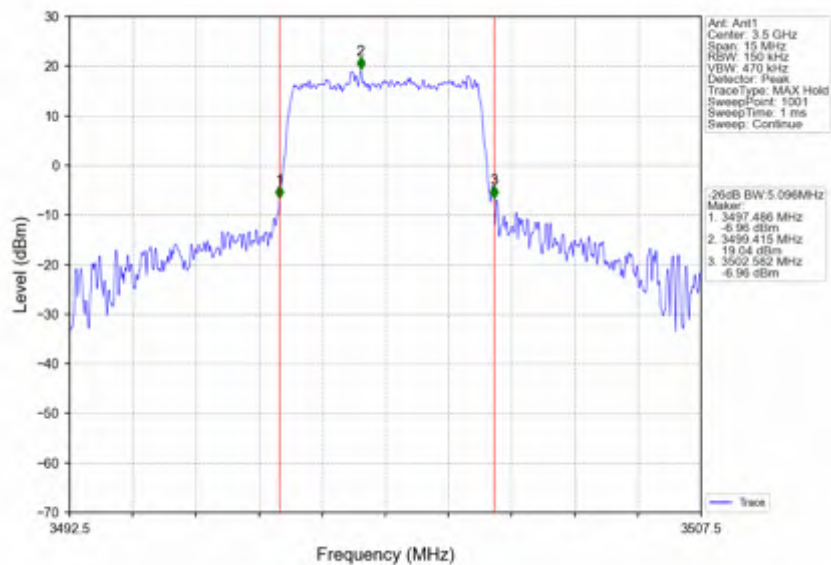
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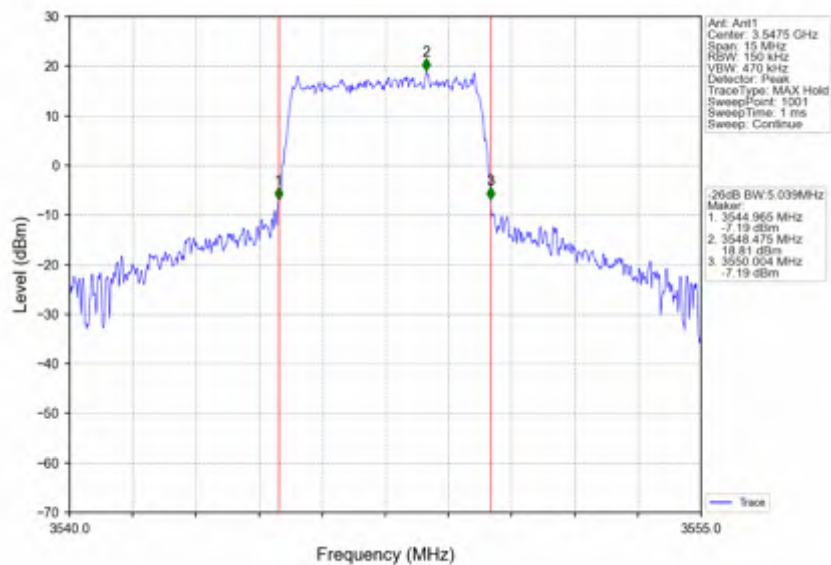
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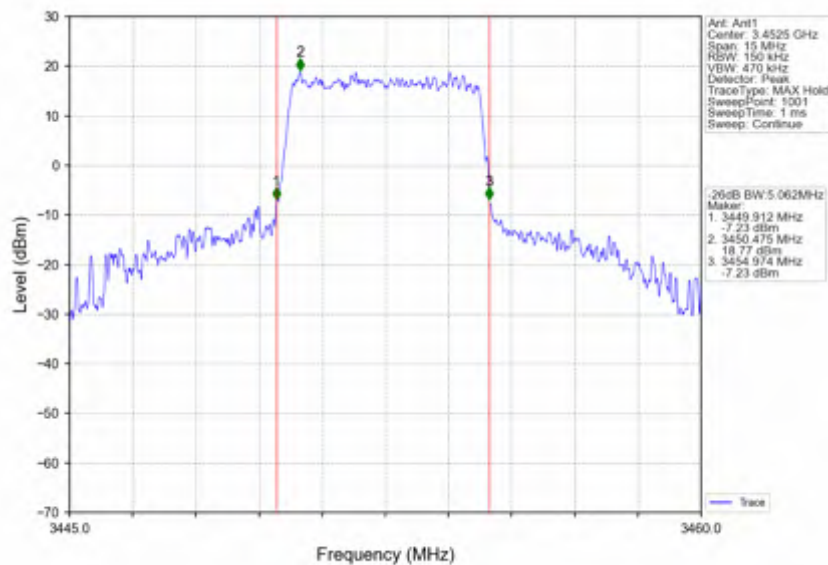
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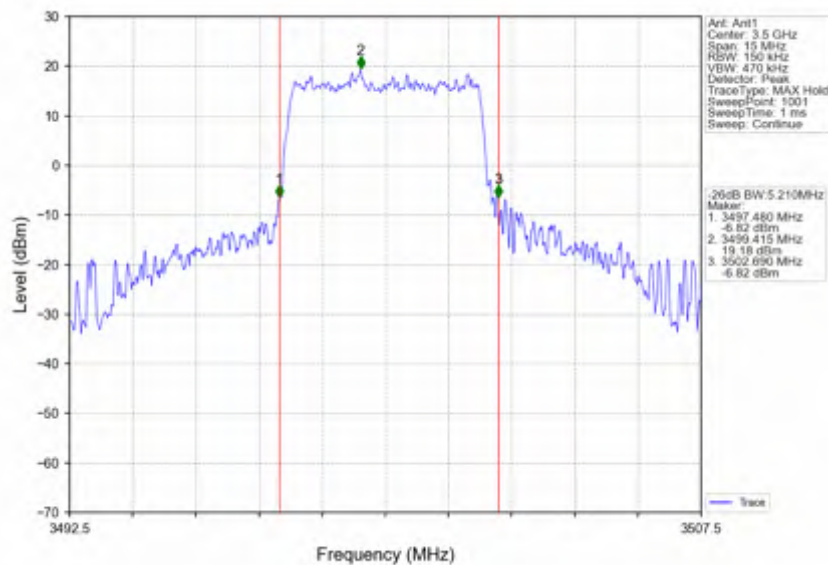
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Band42a_5MHz_64QAM_MCH_3500MHz_RB_25_0_NTNV



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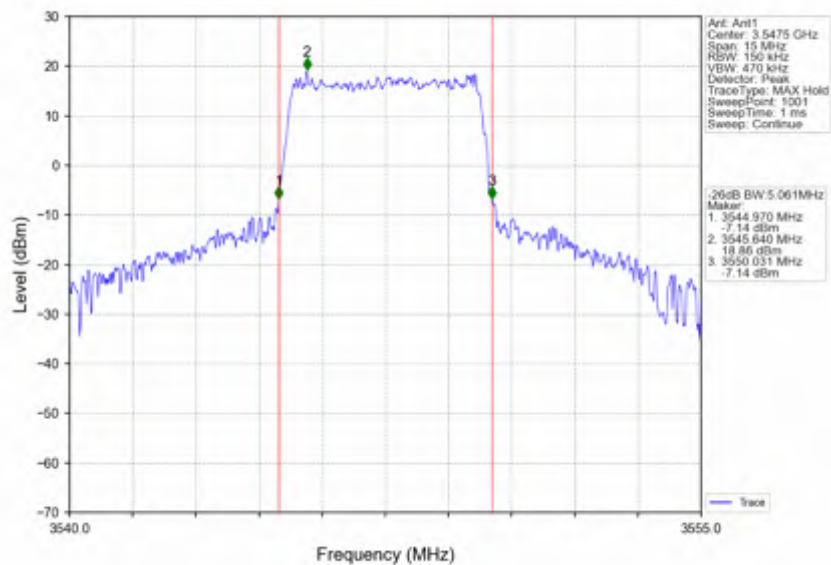
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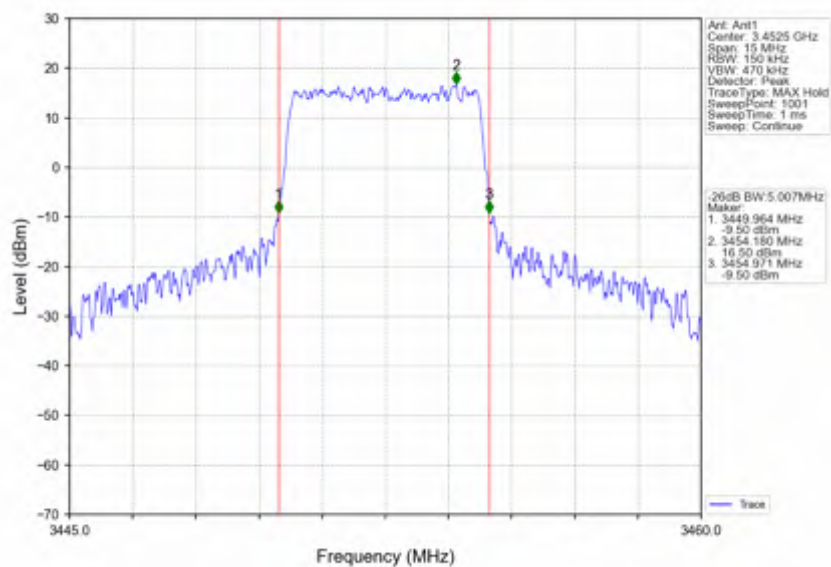
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Band42a_5MHz_64QAM_HCH_3547.5MHz_RB_25_0_NTNV



Band42a	5MHz	256QAM	LCH	3452.5MHz	RB	25	0	NTNV
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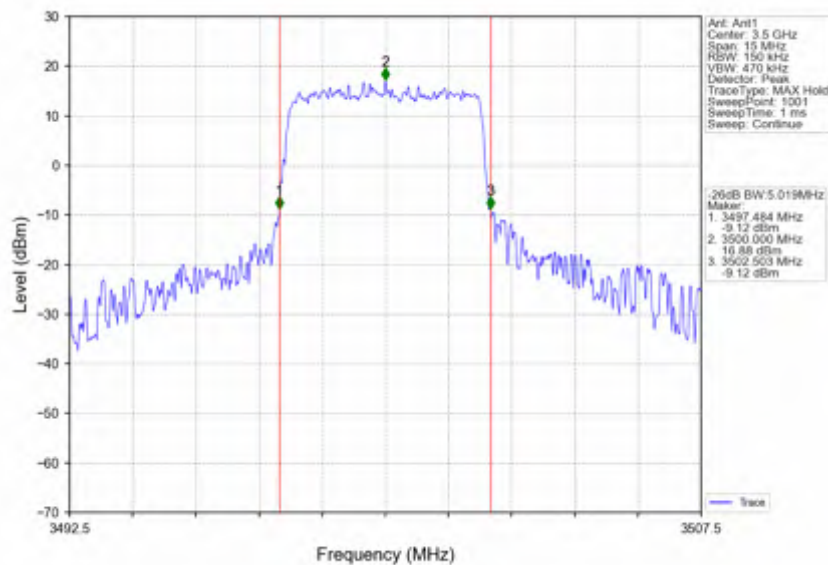


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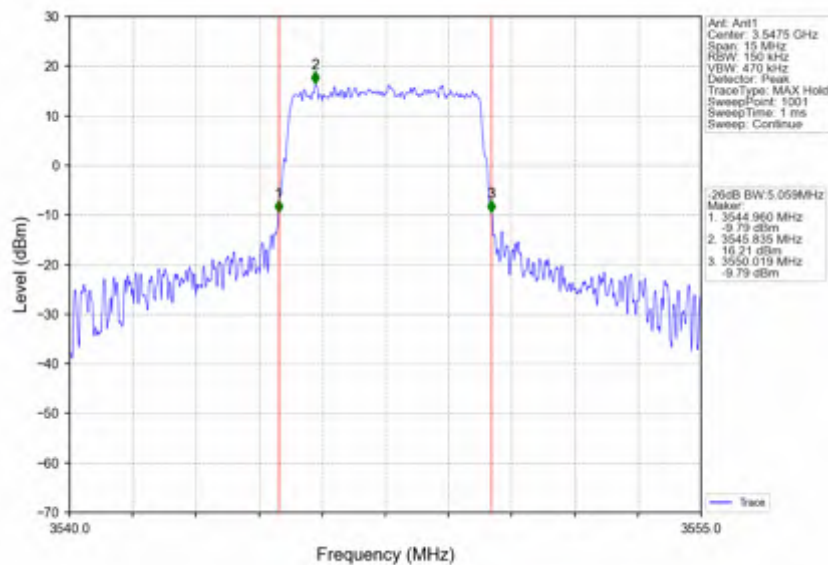
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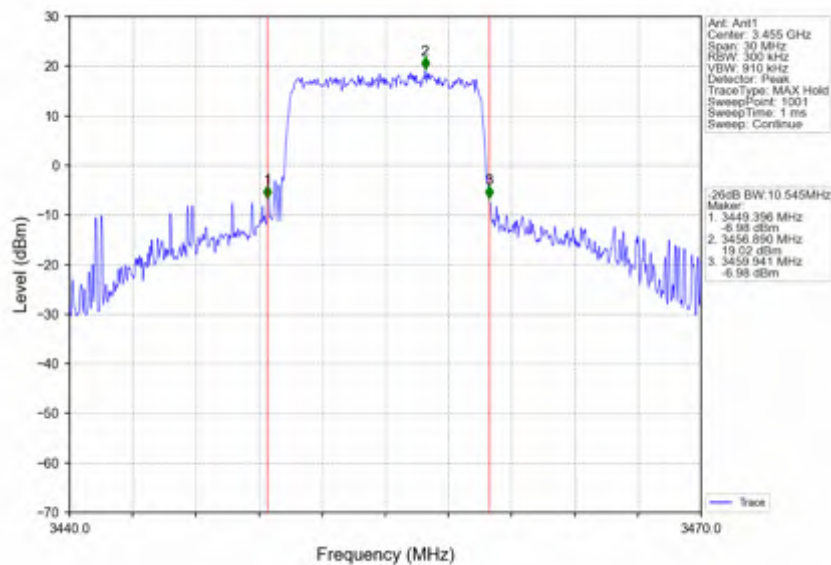
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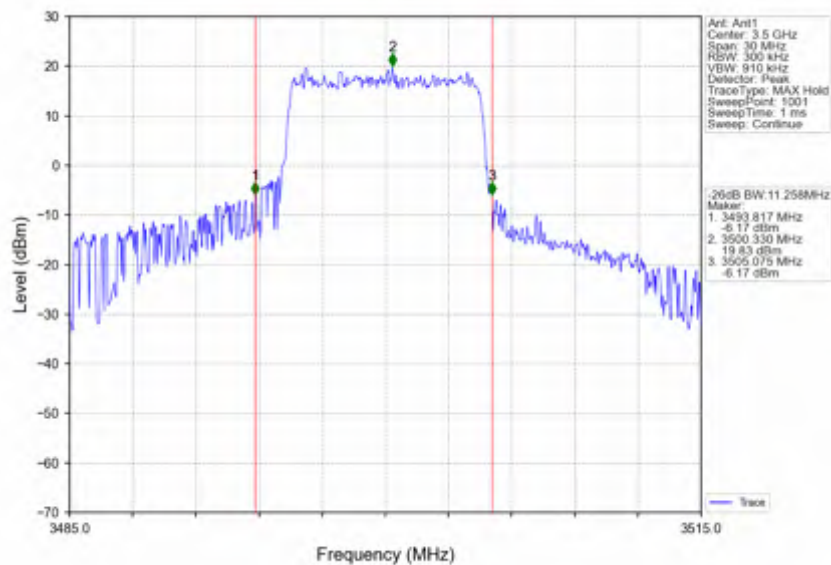
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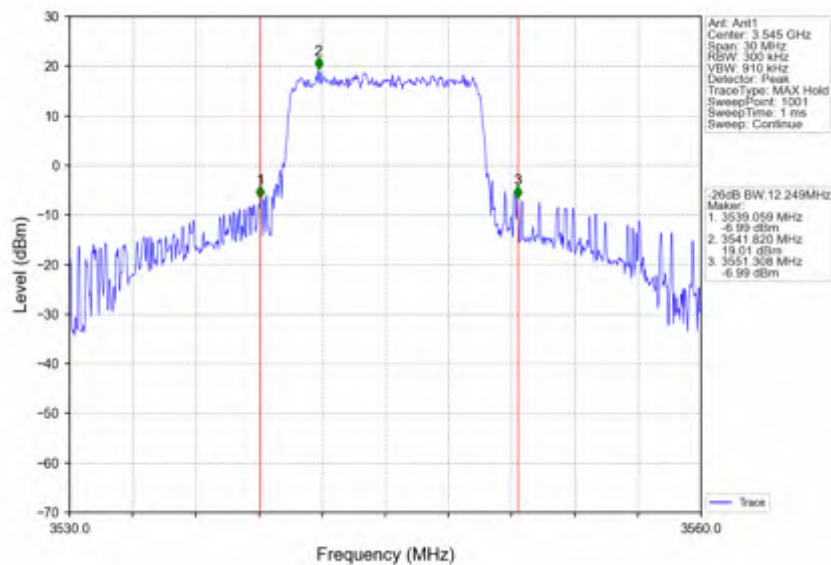
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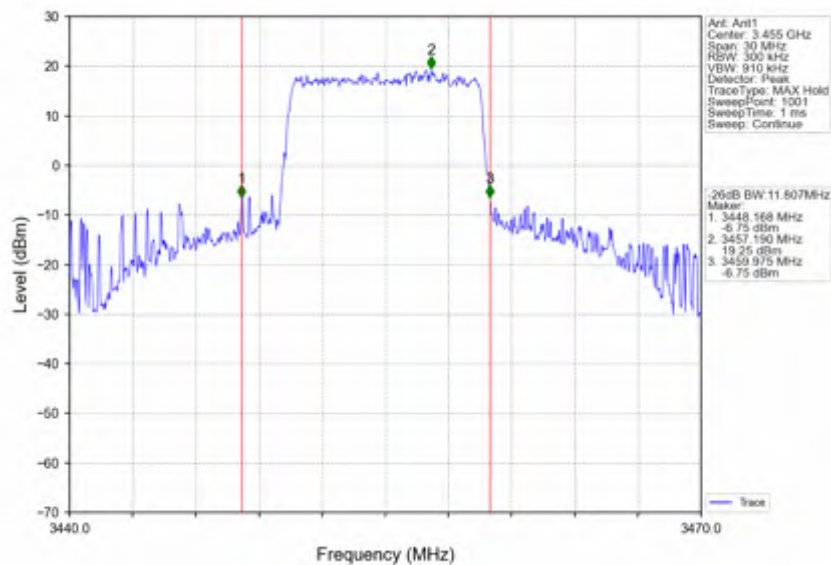
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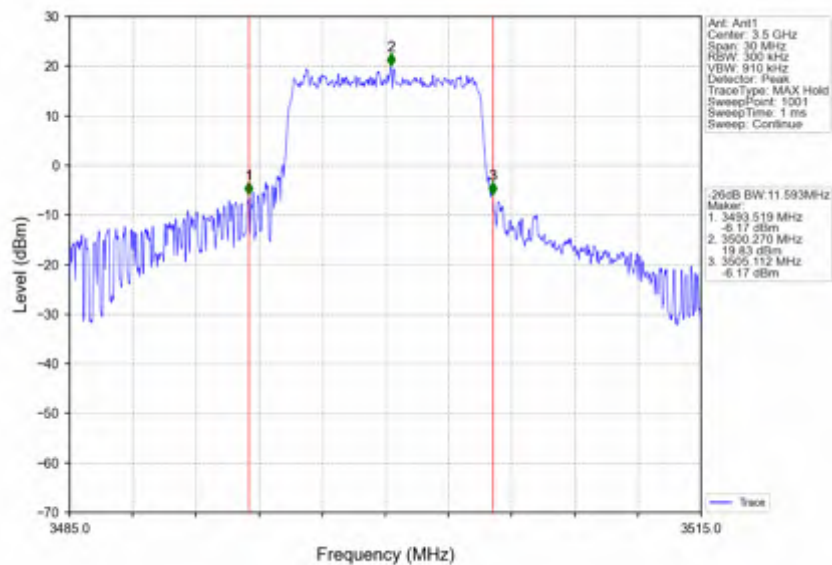


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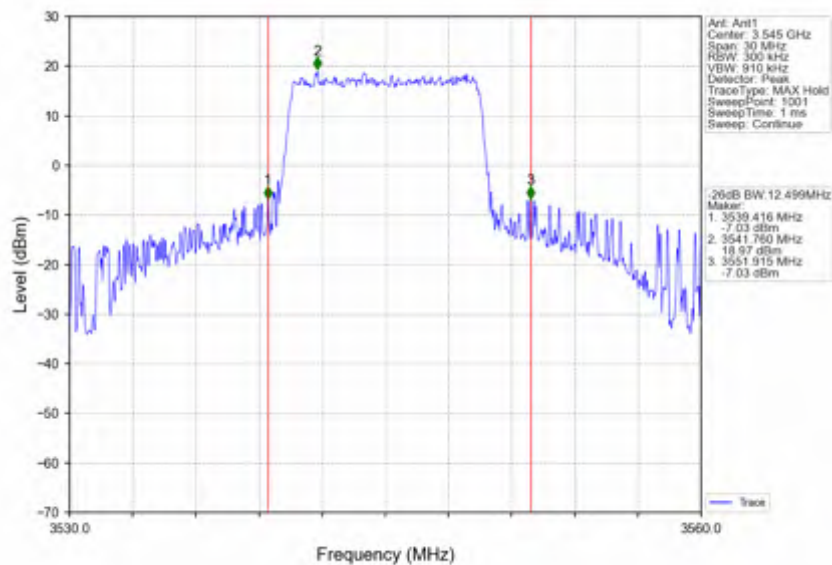
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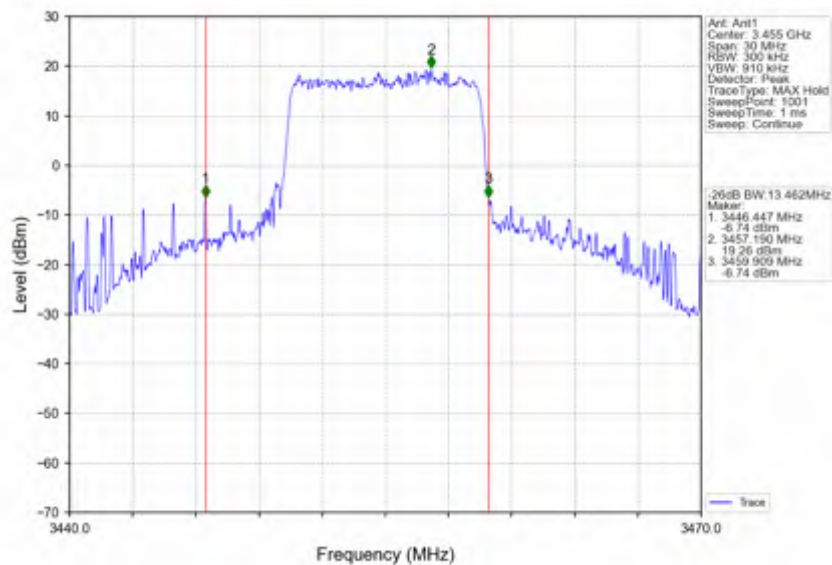
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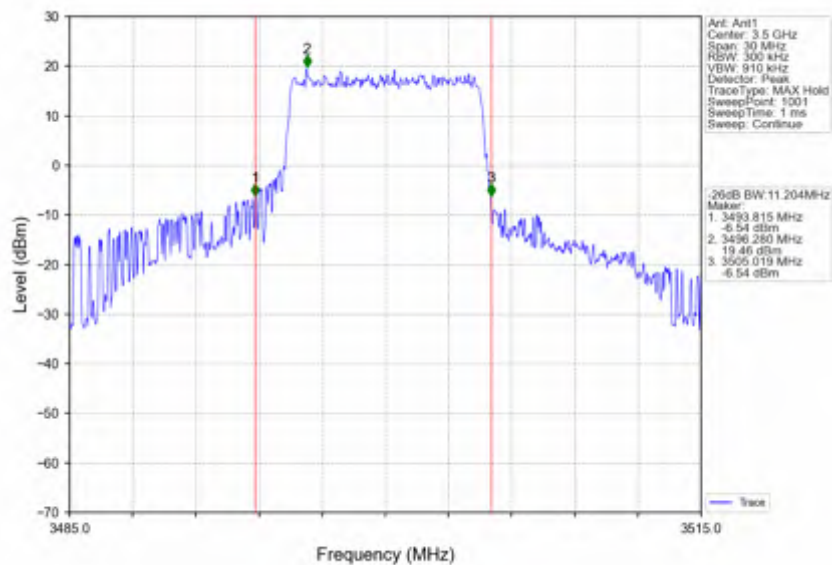
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Band42a_10MHz_64QAM_LCH_3455MHz_RB_50_0_NTNV



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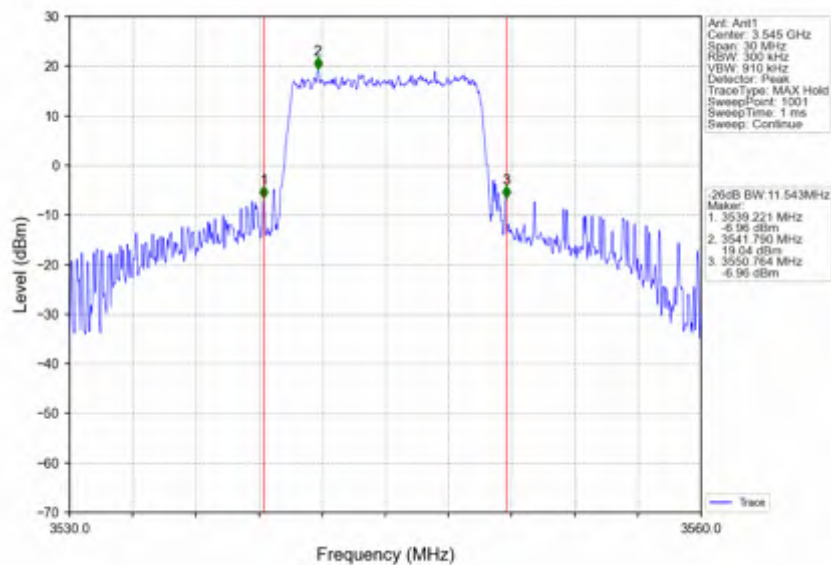
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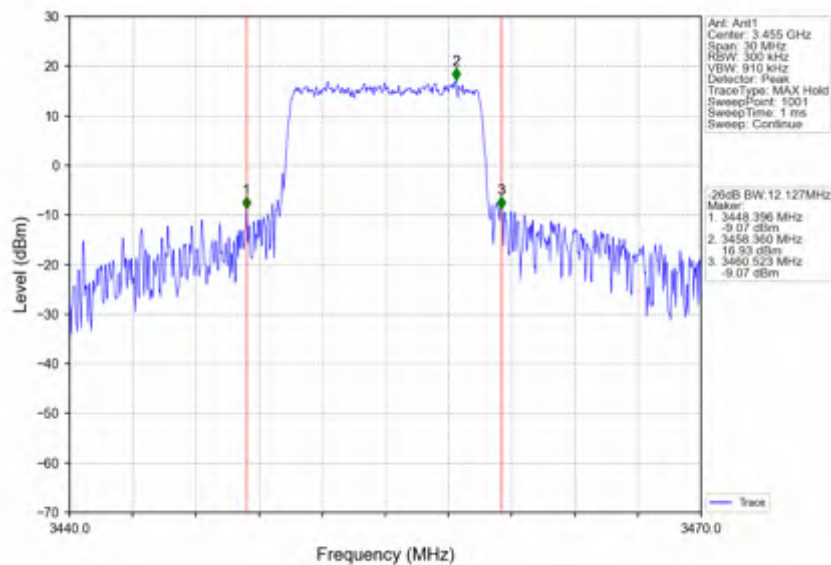
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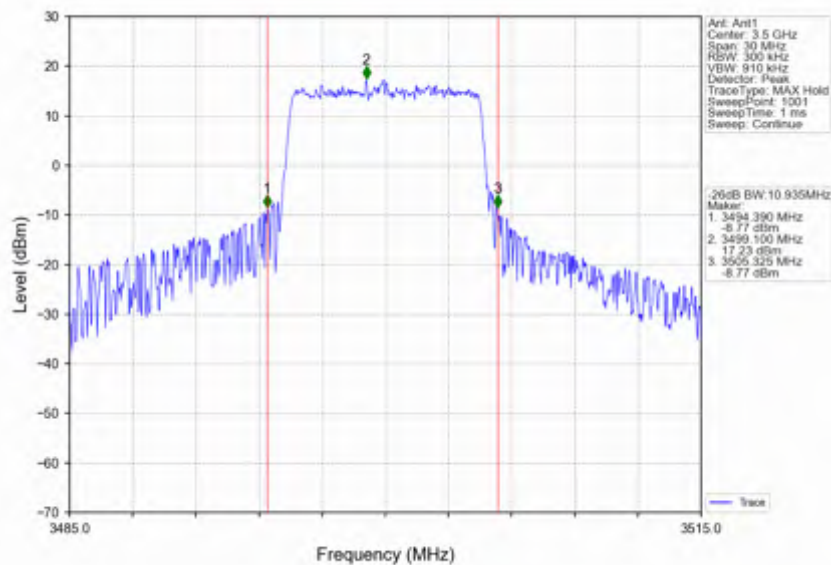
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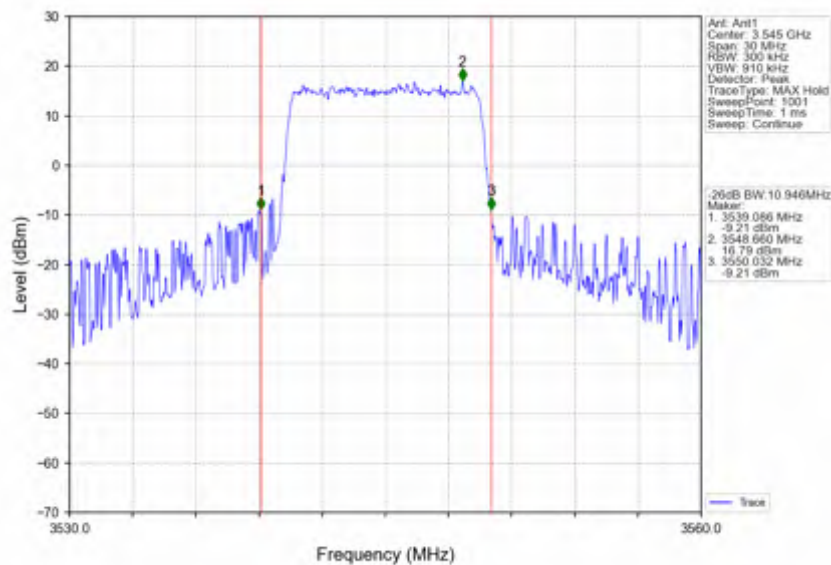
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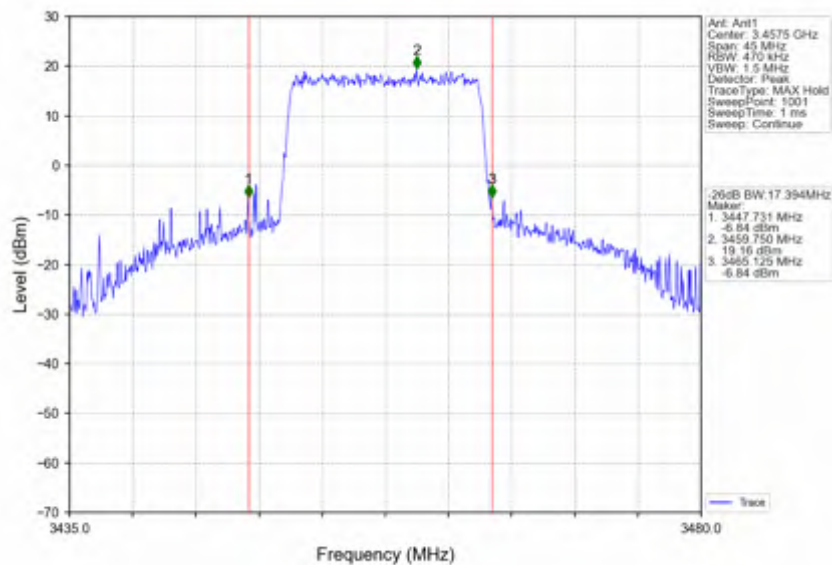
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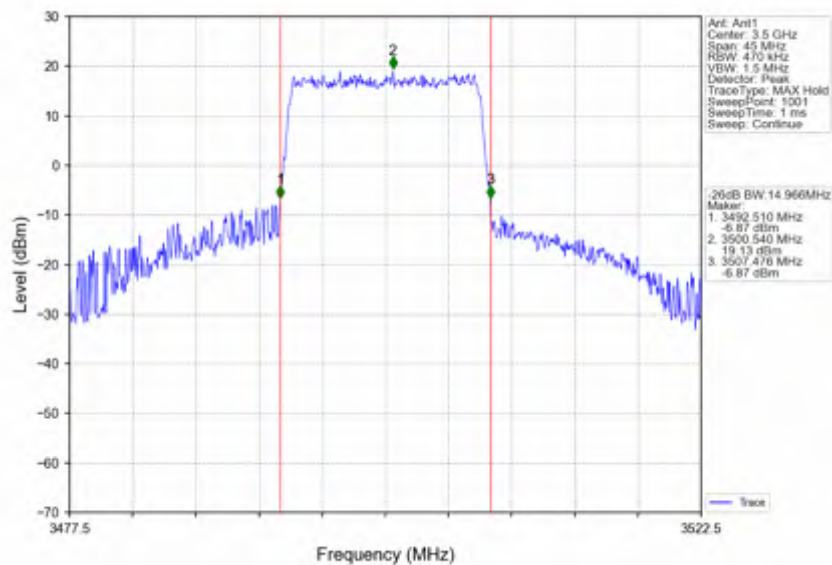
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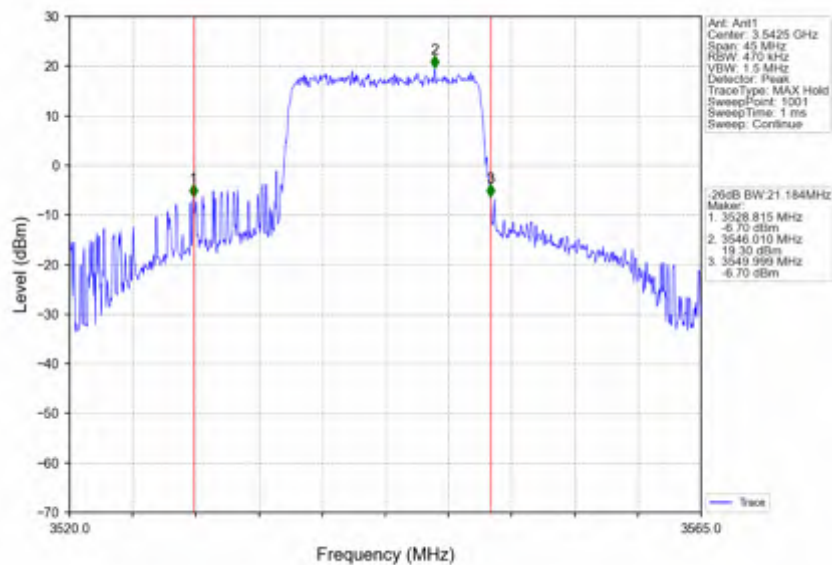
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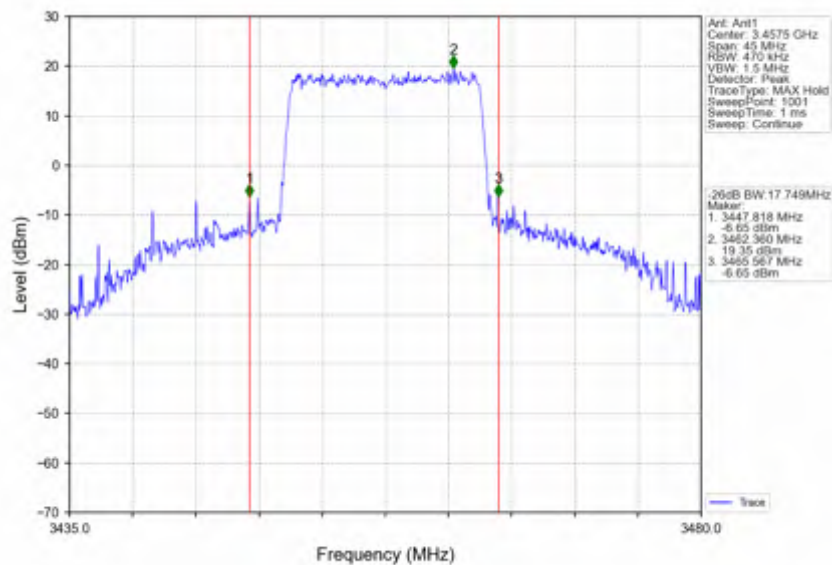
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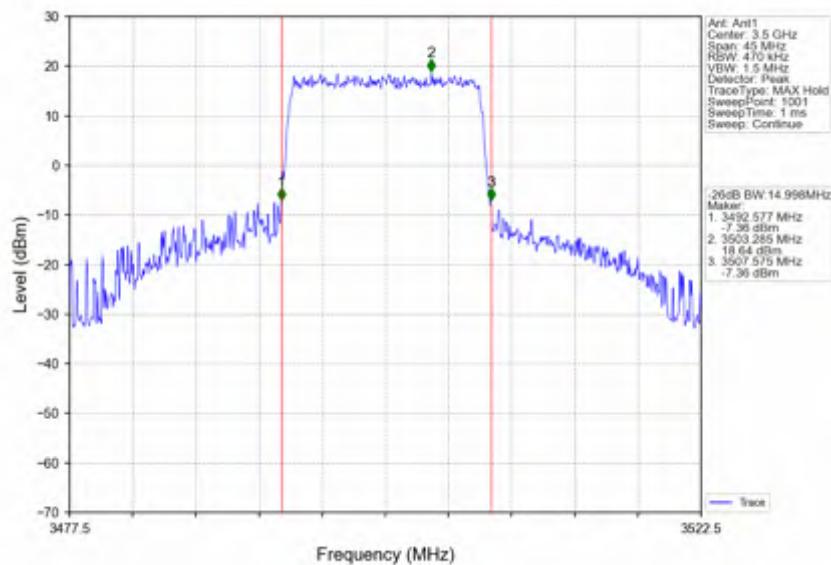
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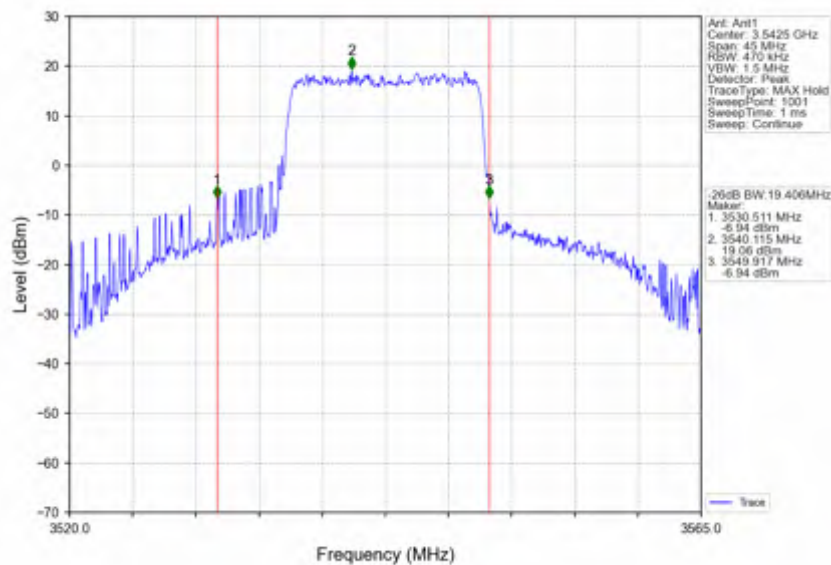
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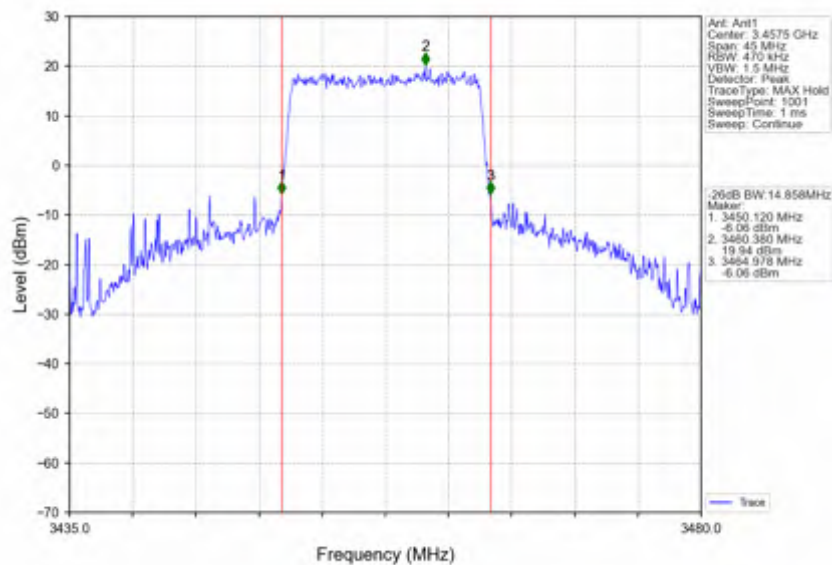
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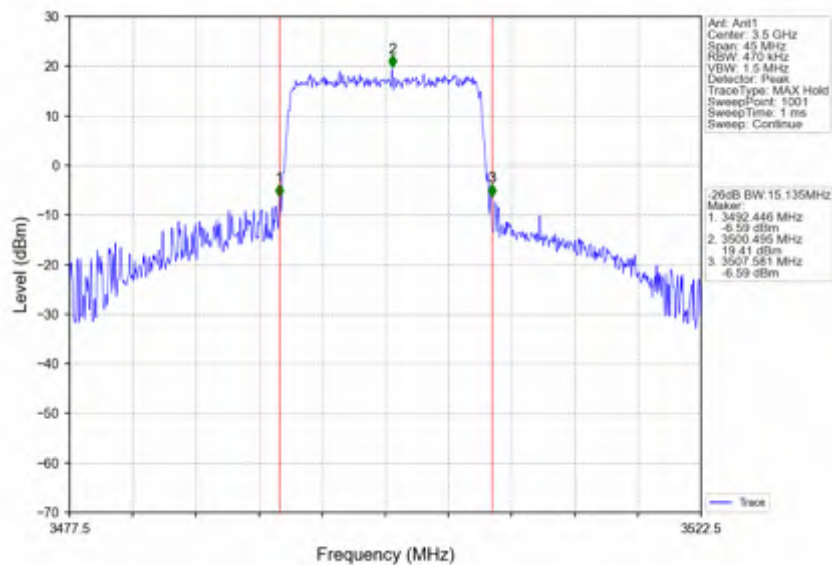
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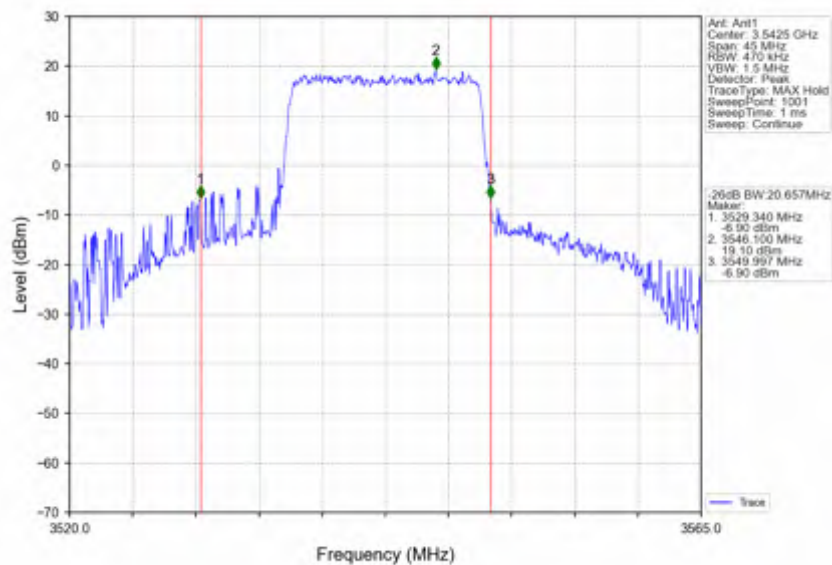
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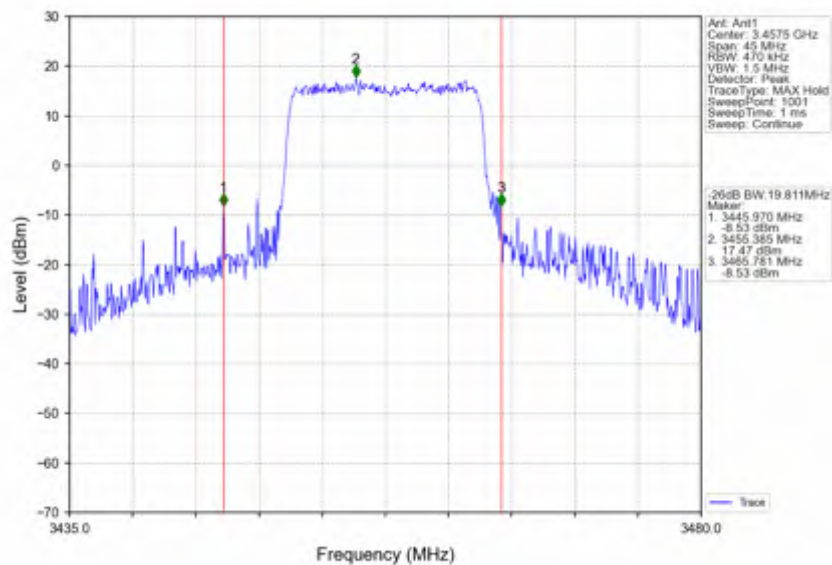
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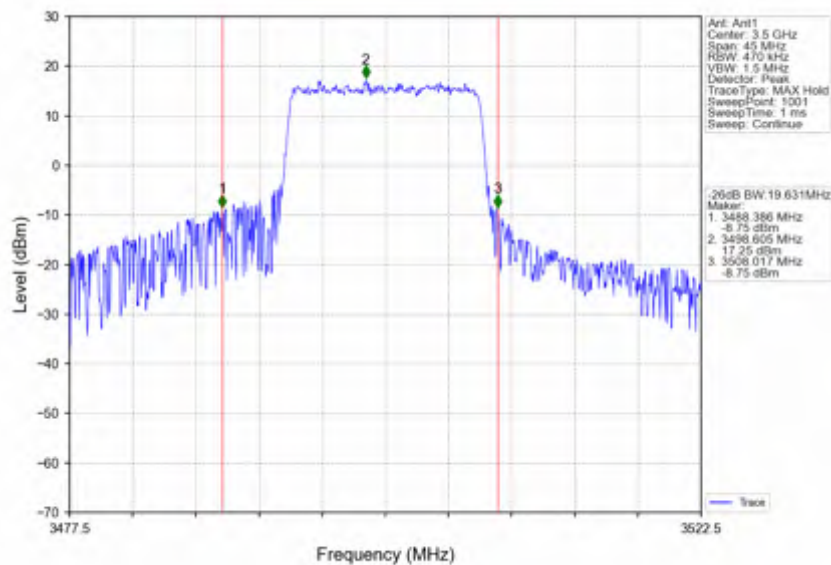
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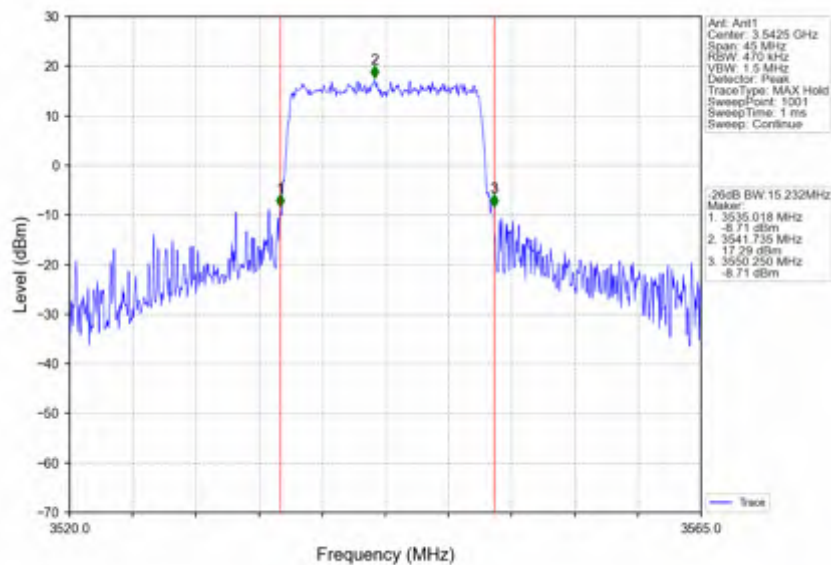
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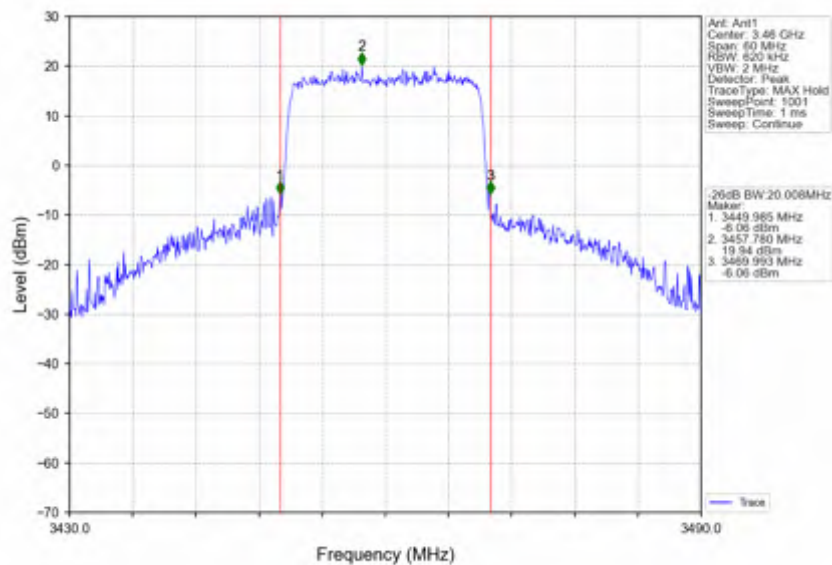
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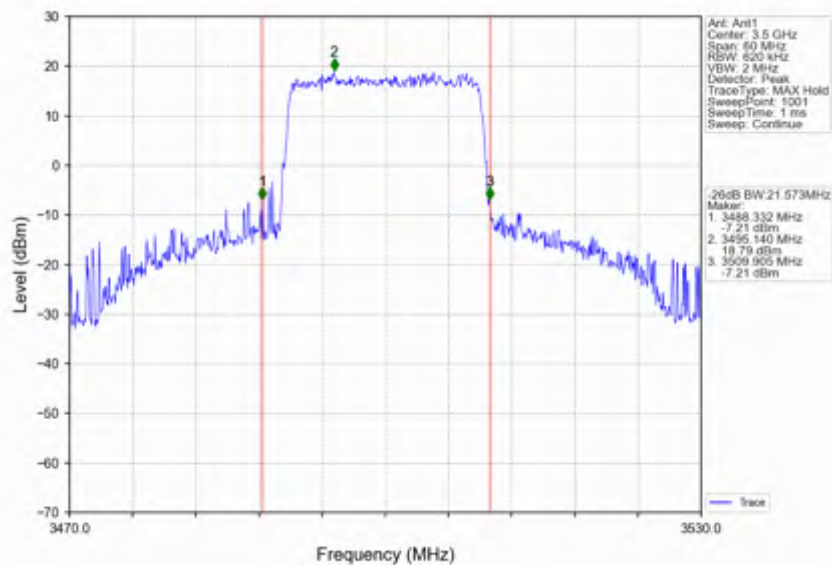
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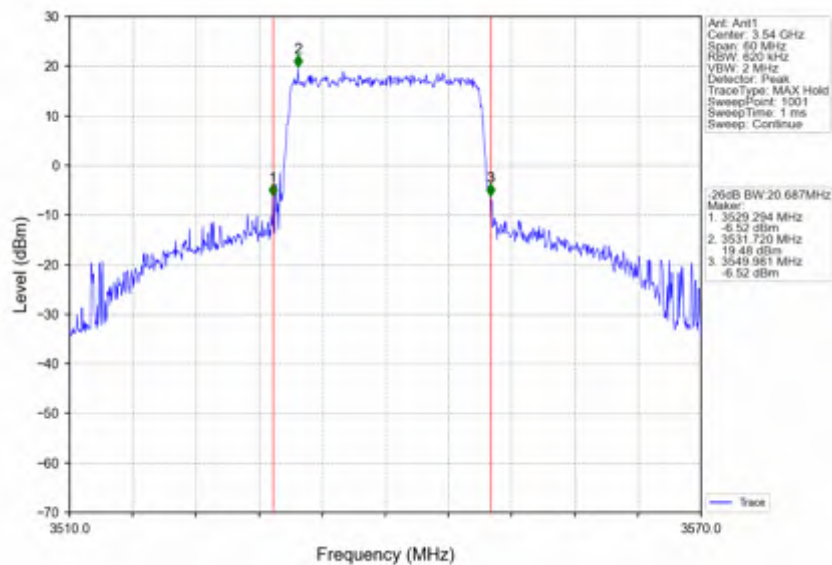
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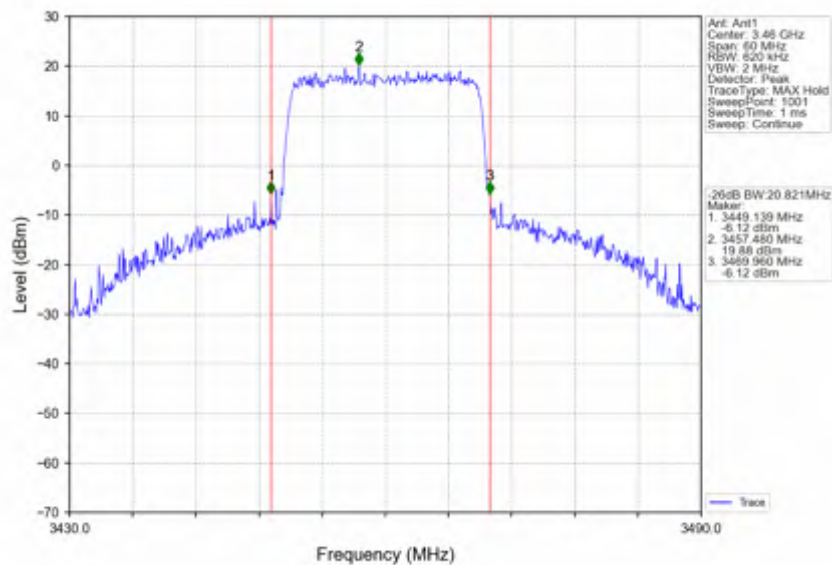
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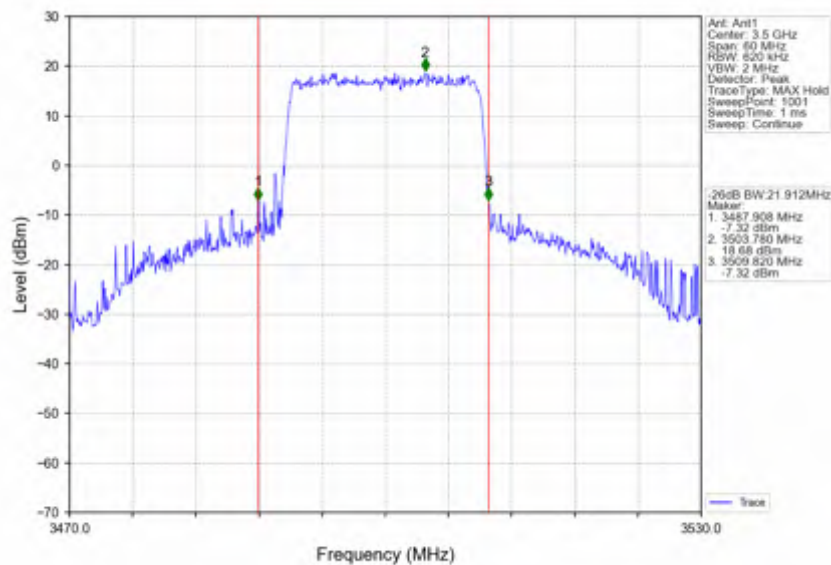
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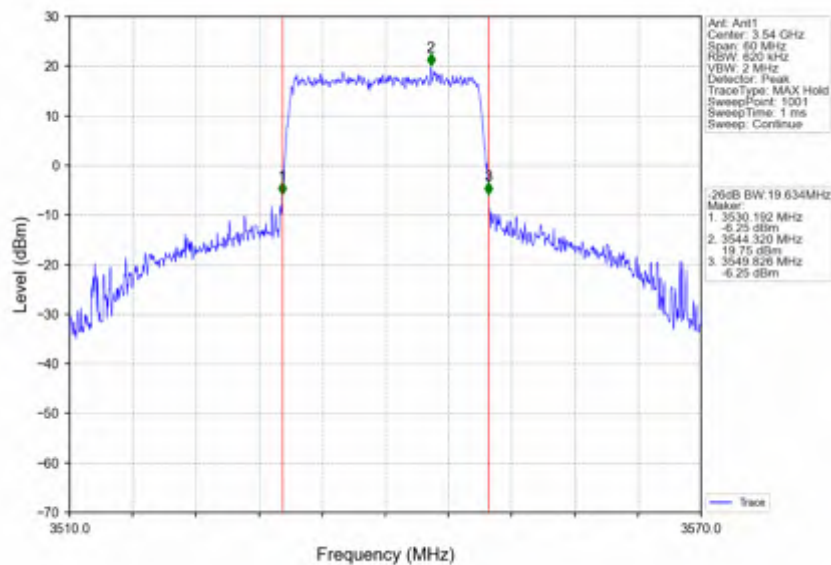
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Band42a_20MHz_16QAM_MCH_3500MHz_RB_100_0_NTNV



Band42a_20MHz_16QAM_HCH_3540MHz_RB_100_0_NTNV

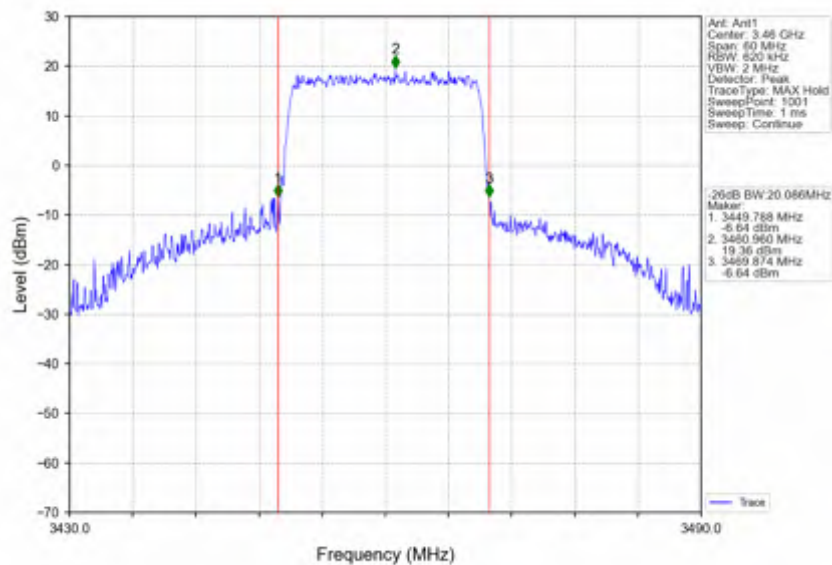


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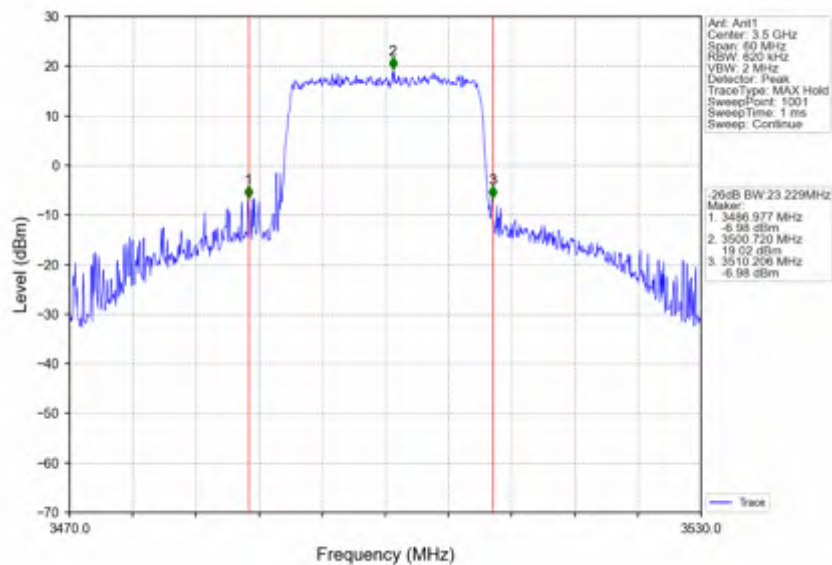
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Band42a 20MHz 64QAM LCH 3460MHz RB 100 0 NTNV



Band42a 20MHz 64QAM MCH 3500MHz RB 100 0 NTNV

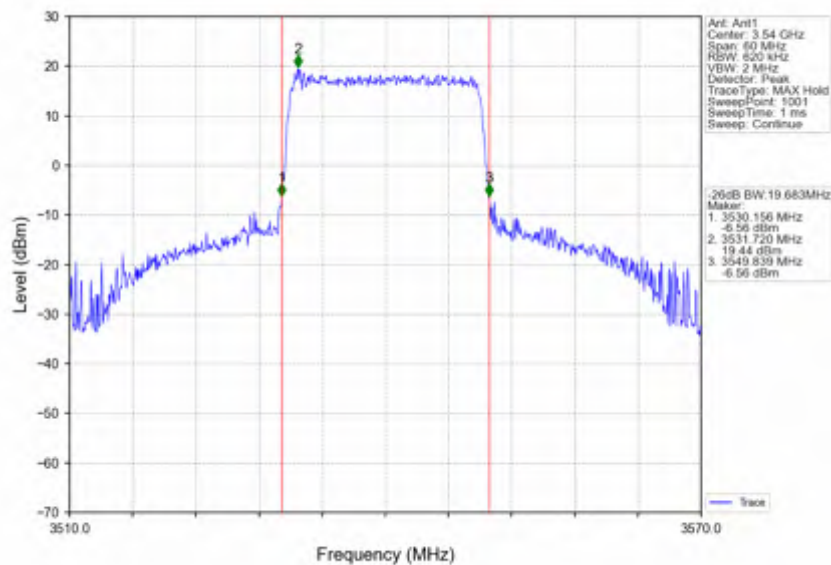


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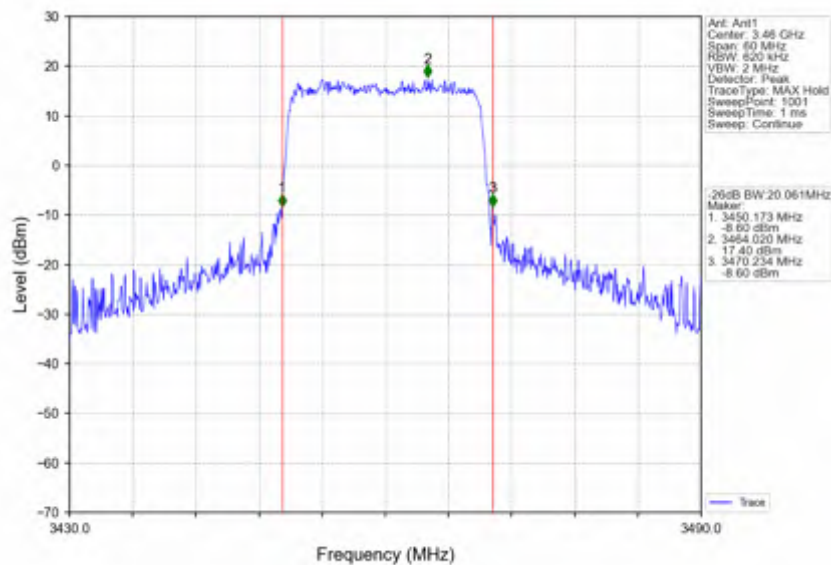
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Band42a_20MHz_64QAM_HCH_3540MHz_RB_100_0_NTNV



Band42a_20MHz_256QAM_LCH_3460MHz_RB_100_0_NTNV



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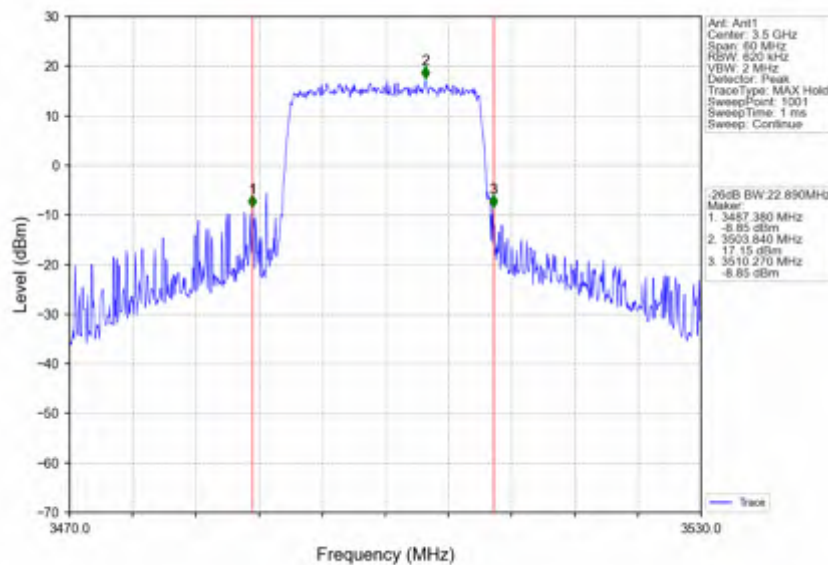
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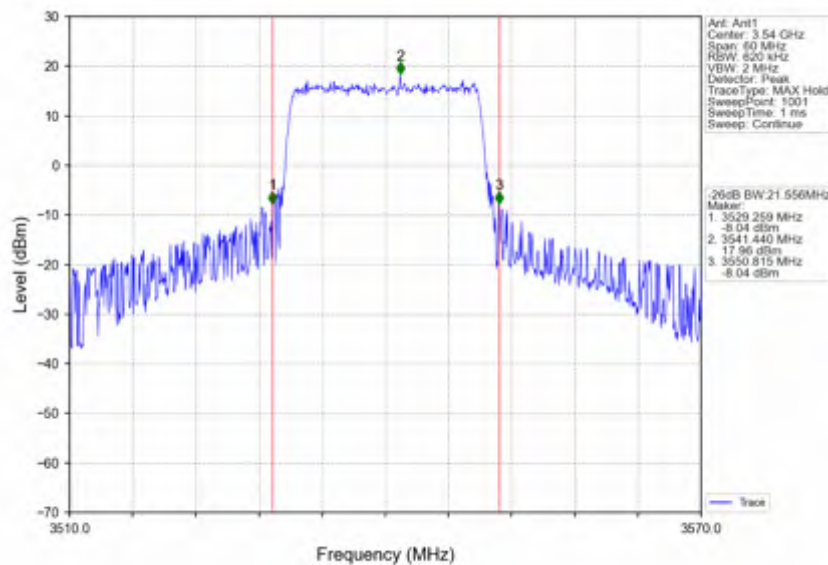
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Band42a_20MHz_256QAM_MCH_3500MHz_RB_100_0_NTNV



Band42a_20MHz_256QAM_HCH_3540MHz_RB_100_0_NTNV



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12. 99% & 26dB Bandwidth

12.1 Band42c OBW

12.1.1 Test Result

Band: 42c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	3552.5	25	0	4.554	Pass
		3575	25	0	4.536	Pass
		3597.5	25	0	4.514	Pass
	16QAM	3552.5	25	0	4.552	Pass
		3575	25	0	4.544	Pass
		3597.5	25	0	4.513	Pass
	64QAM	3552.5	25	0	4.543	Pass
		3575	25	0	4.536	Pass
		3597.5	25	0	4.524	Pass
	256QAM	3552.5	25	0	4.537	Pass
		3575	25	0	4.565	Pass
		3597.5	25	0	4.490	Pass
10	QPSK	3555	50	0	9.120	Pass
		3575	50	0	9.086	Pass
		3595	50	0	9.086	Pass
	16QAM	3555	50	0	9.107	Pass
		3575	50	0	9.122	Pass
		3595	50	0	9.033	Pass
	64QAM	3555	50	0	9.105	Pass
		3575	50	0	9.139	Pass
		3595	50	0	9.020	Pass
	256QAM	3555	50	0	9.077	Pass
		3575	50	0	9.068	Pass
		3595	50	0	9.094	Pass
15	QPSK	3557.5	75	0	13.614	Pass
		3575	75	0	13.636	Pass
		3592.5	75	0	13.395	Pass
	16QAM	3557.5	75	0	13.611	Pass
		3575	75	0	13.611	Pass
		3592.5	75	0	13.638	Pass
	64QAM	3557.5	75	0	13.589	Pass
		3575	75	0	13.608	Pass
		3592.5	75	0	13.537	Pass
	256QAM	3557.5	75	0	13.607	Pass
		3575	75	0	13.605	Pass
		3592.5	75	0	13.432	Pass
20	QPSK	3560	100	0	18.062	Pass
		3575	100	0	18.010	Pass
		3590	100	0	17.983	Pass
	16QAM	3560	100	0	18.072	Pass
		3575	100	0	18.024	Pass
		3590	100	0	17.973	Pass
	64QAM	3560	100	0	18.066	Pass



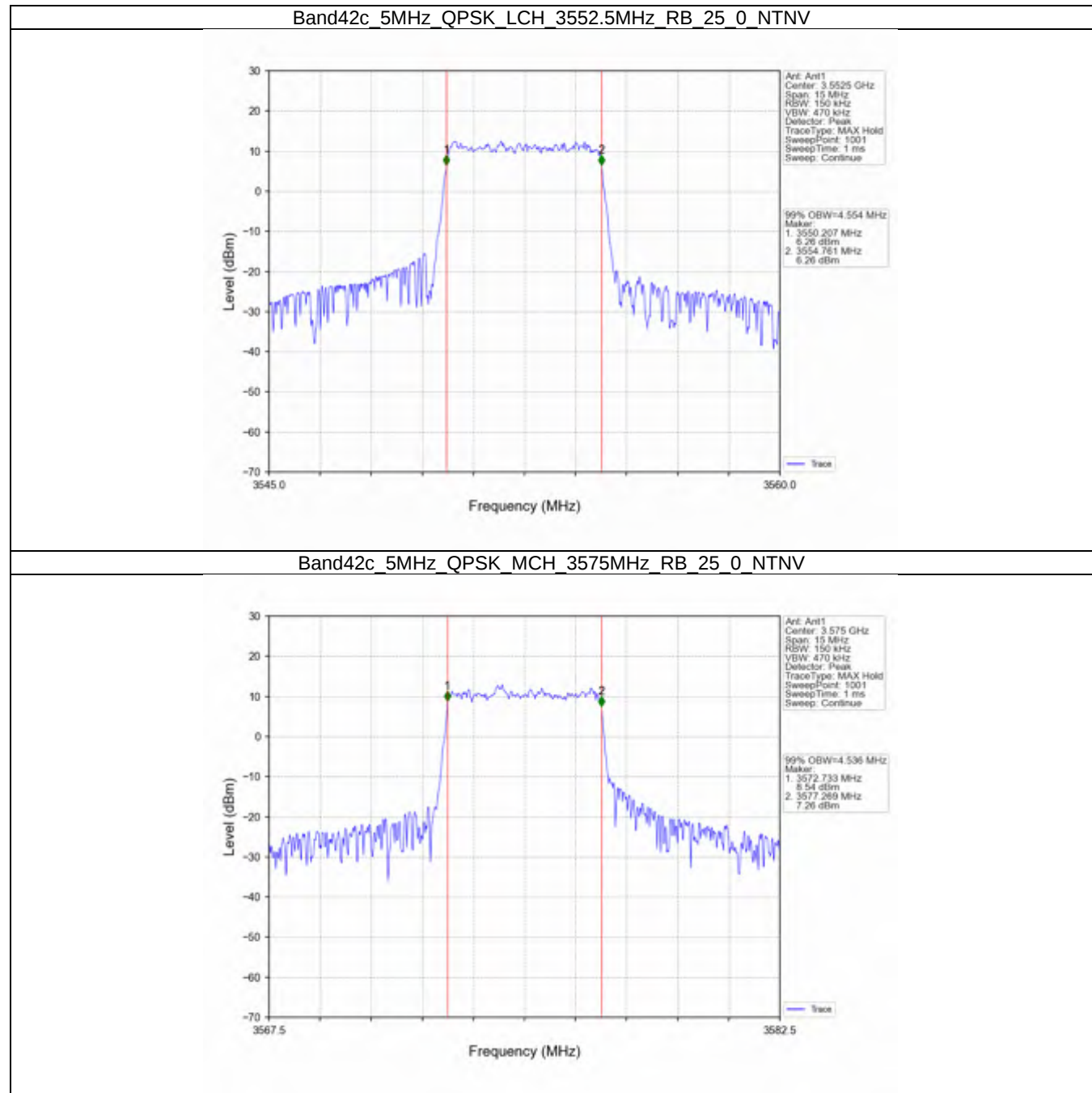
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	256QAM	3575	100	0	17.941	Pass
		3590	100	0	17.940	Pass
		3560	100	0	18.128	Pass
		3575	100	0	17.995	Pass
		3590	100	0	18.020	Pass

12.1.2 Test Graph



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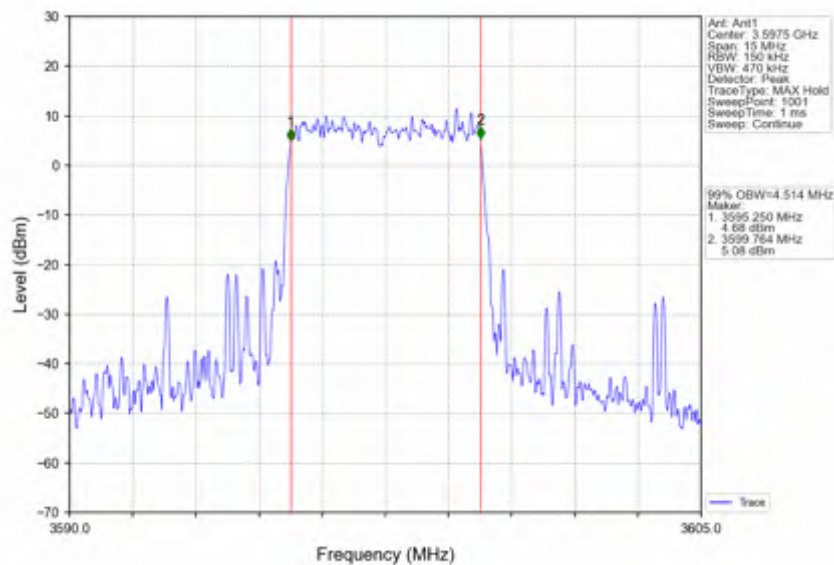
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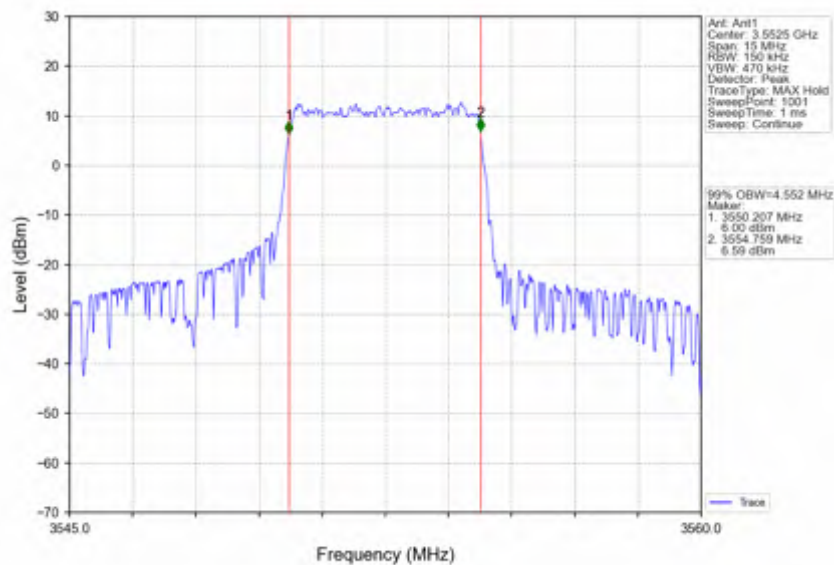
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Band42c_5MHz_QPSK_HCH_3597.5MHz_RB_25_0_NTNV



Band42c_5MHz_16QAM_LCH_3552.5MHz_RB_25_0_NTNV



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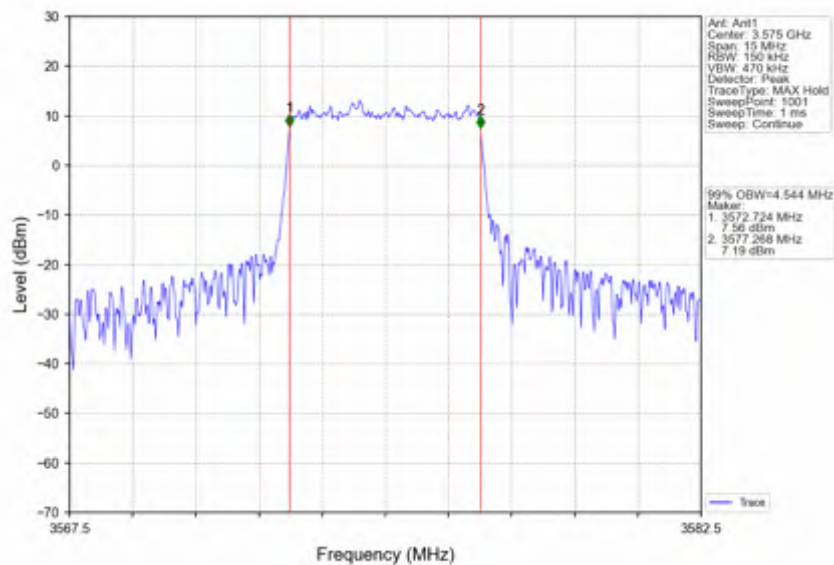
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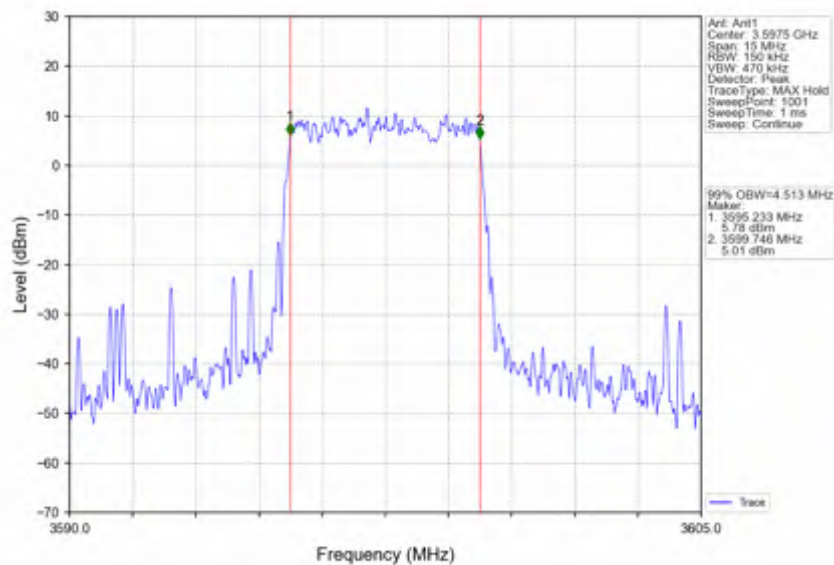
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Band42c_5MHz_16QAM_HCH_3597.5MHz_RB_25_0_NTNV



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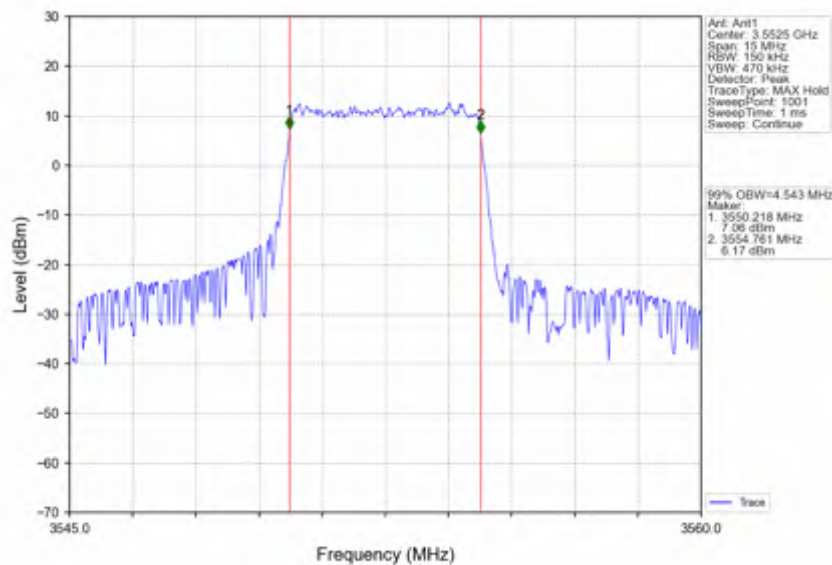
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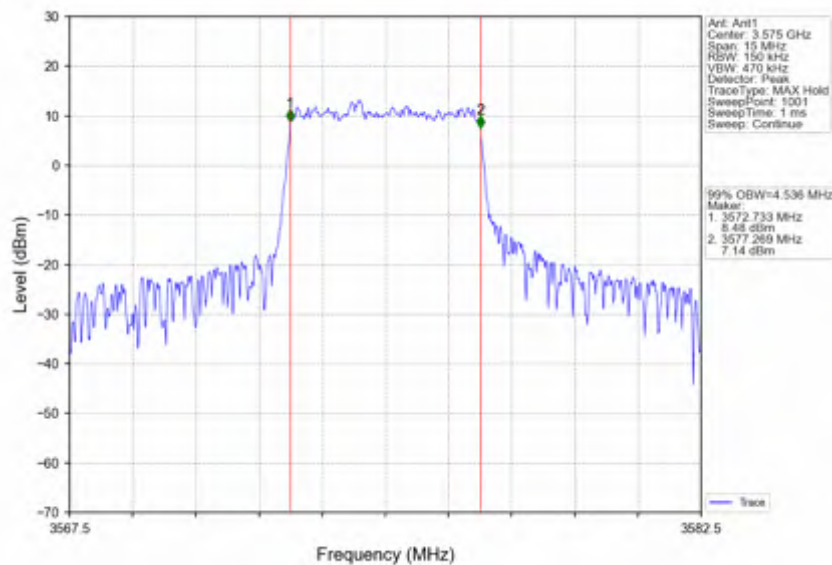
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Band42c_5MHz_64QAM_MCH_3575MHz_RB_25_0_NTNV



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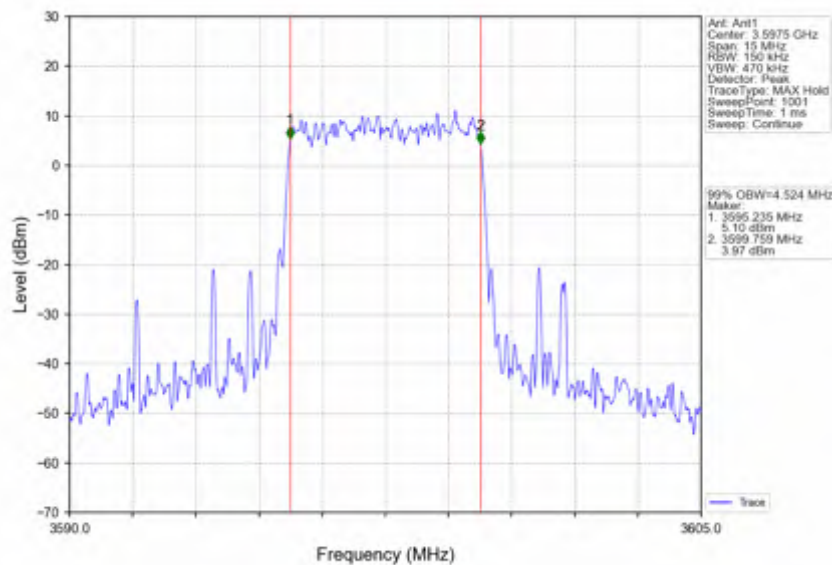
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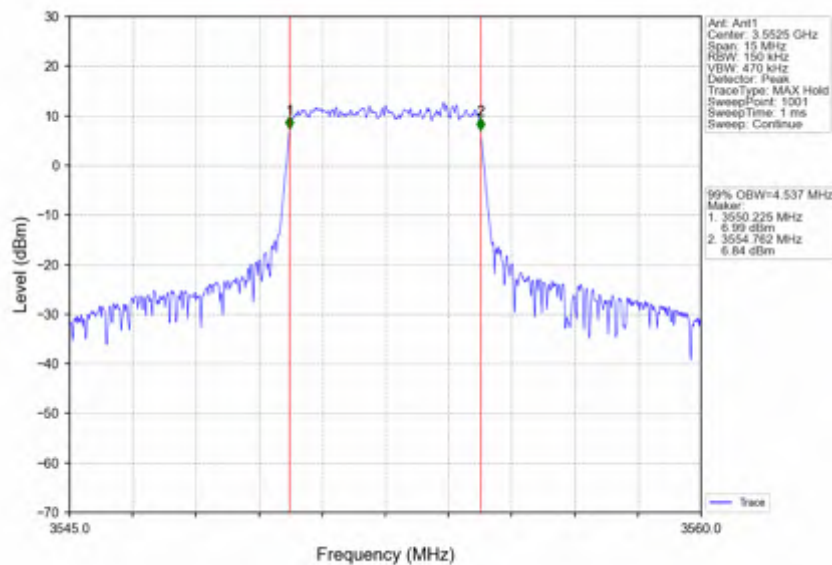
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Band42c_5MHz_256QAM_LCH_3552.5MHz_RB_25_0_NTNV



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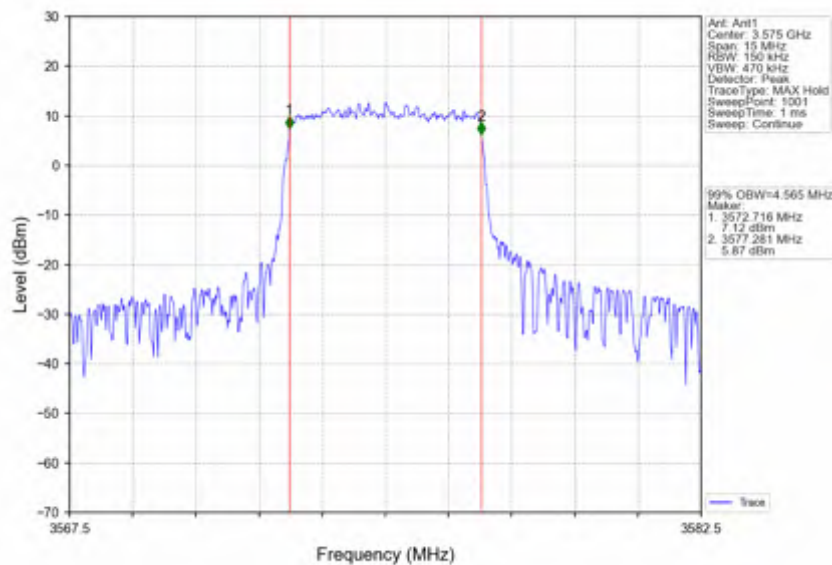
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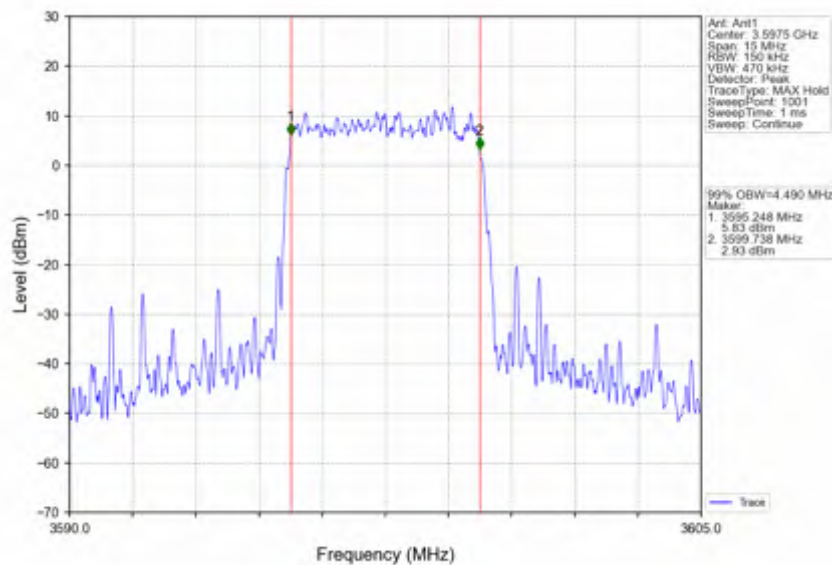
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Band42c 5MHz 256QAM MCH 3575MHz RB 25 0 NTNV



Band42c	5MHz	256QAM	HCH	3597.5MHz	RB	25	0	NTNV
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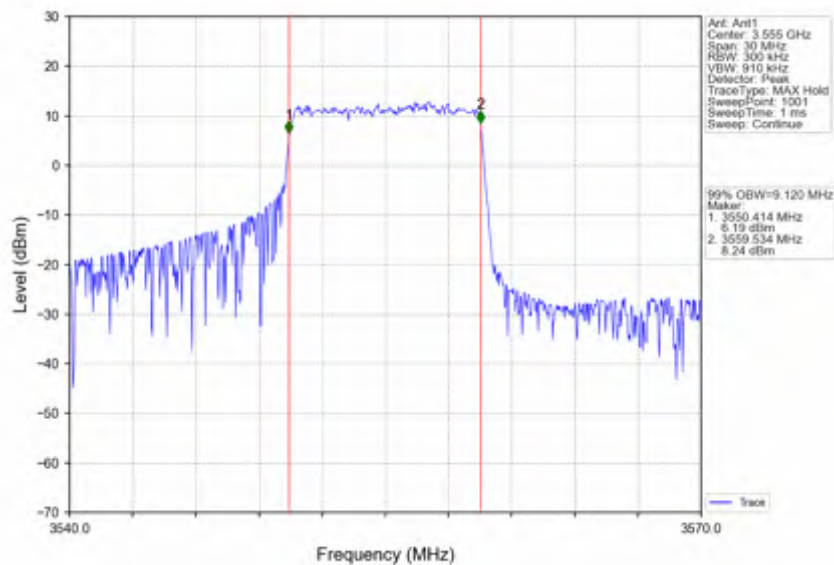


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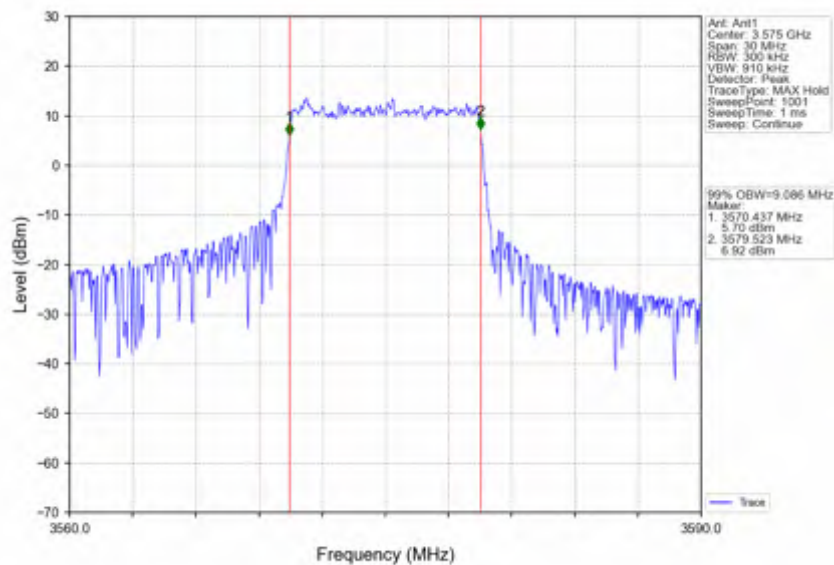
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Band42c_10MHz_QPSK_LCH_3555MHz_RB_50_0_NTNV



Band42c_10MHz_QPSK_MCH_3575MHz_RB_50_0_NTNV



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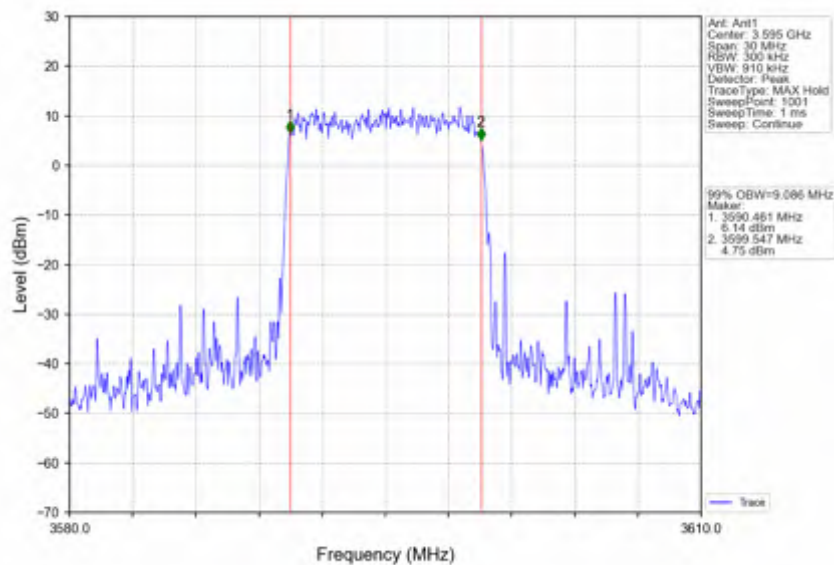
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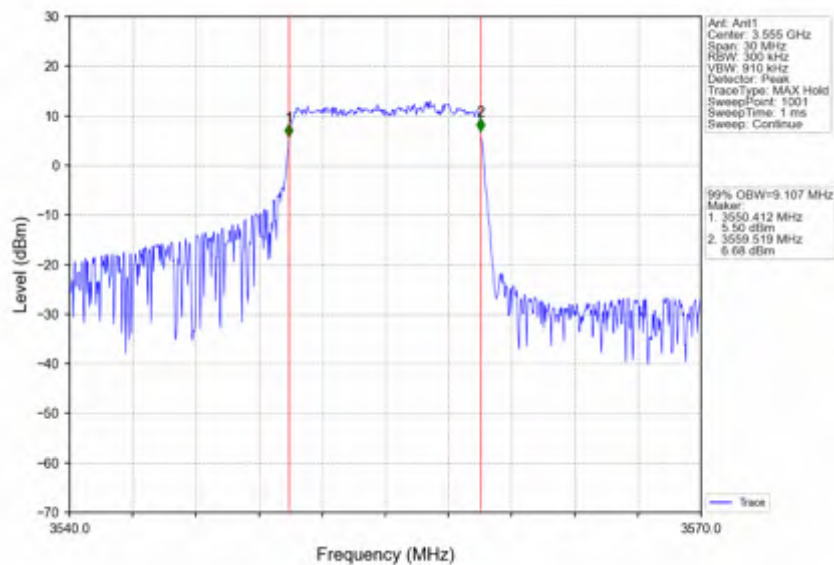
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Band42c_10MHz_QPSK_HCH_3595MHz_RB_50_0_NTNV



Band42c 10MHz 16QAM LCH 3555MHz RB 50 0 NTNV

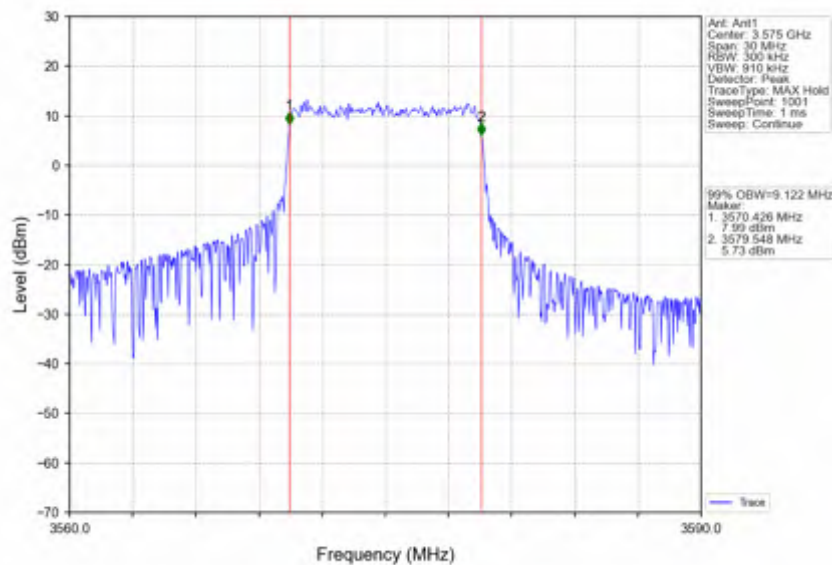


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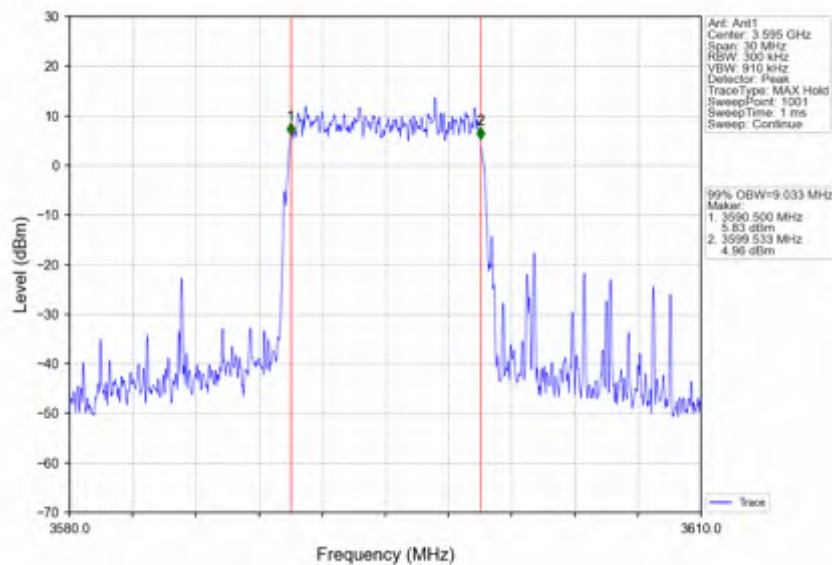
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Band42c_10MHz_16QAM_MCH_3575MHz_RB_50_0_NTNV



Band42c_10MHz_16QAM_HCH_3595MHz_RB_50_0_NTNV



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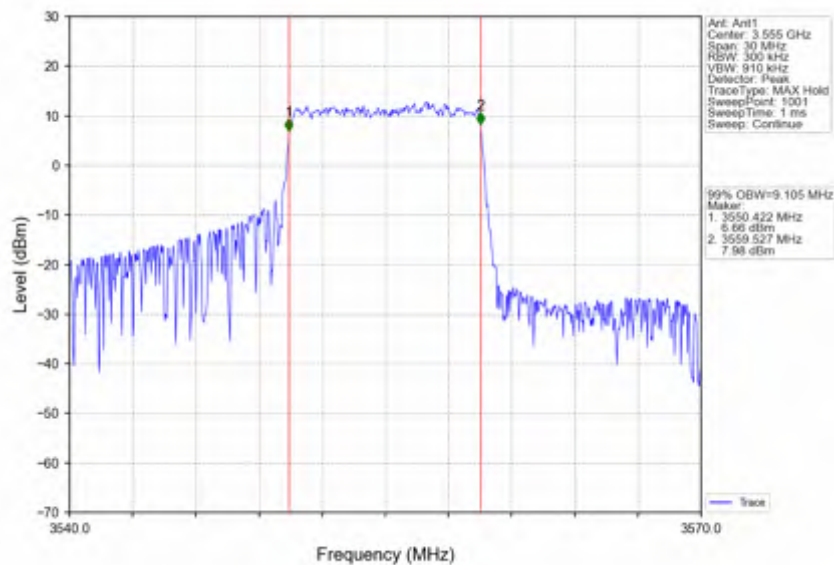
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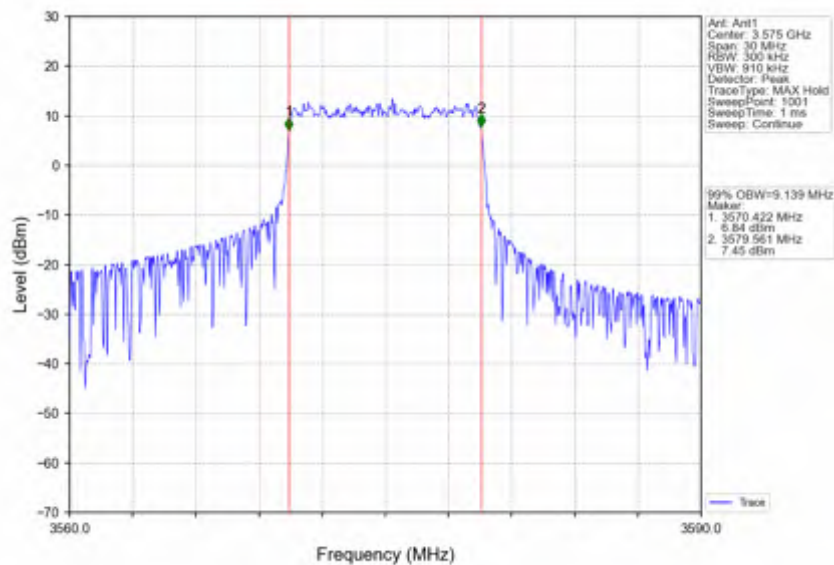
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Band42c_10MHz_64QAM_LCH_3555MHz_RB_50_0_NTNV



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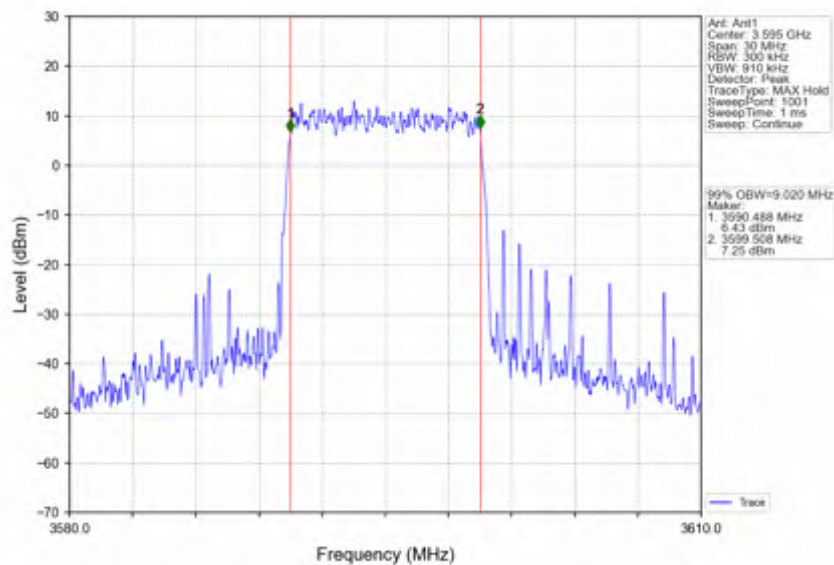
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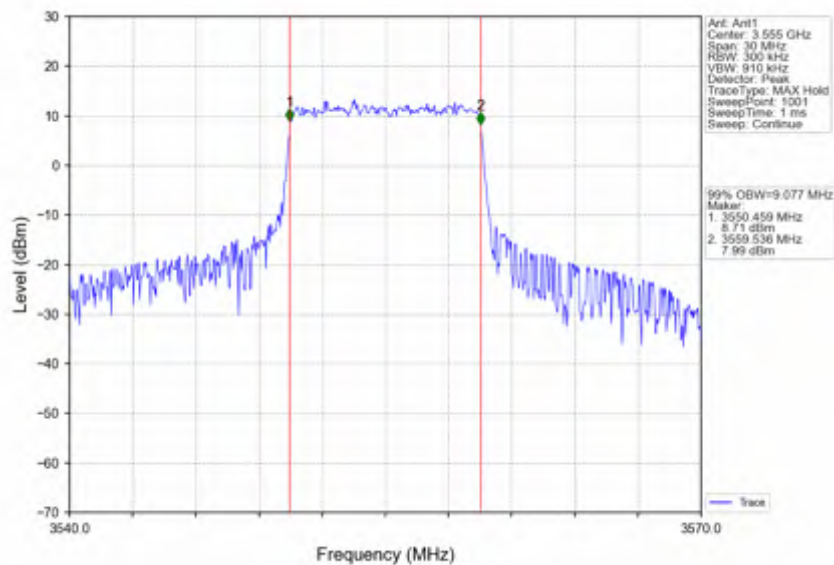
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Band42c 10MHz 256QAM LCH 3555MHz RB 50 0 NTNV



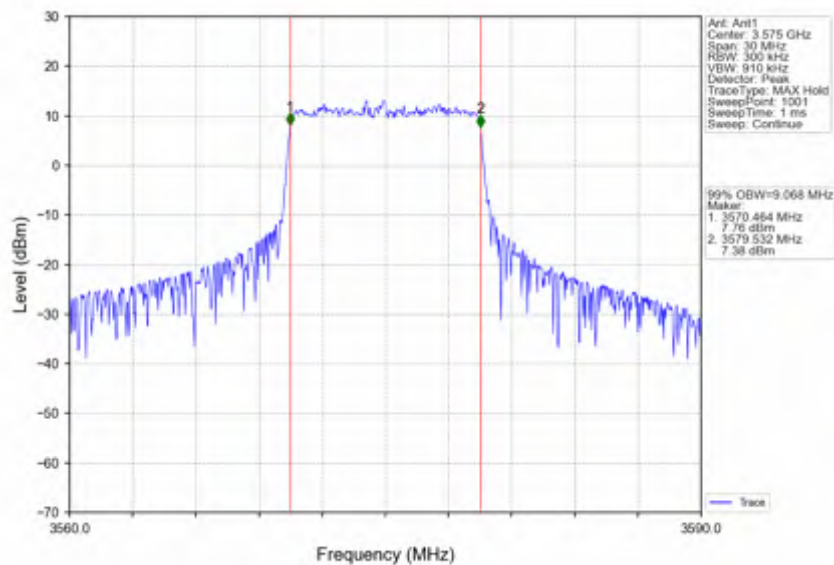
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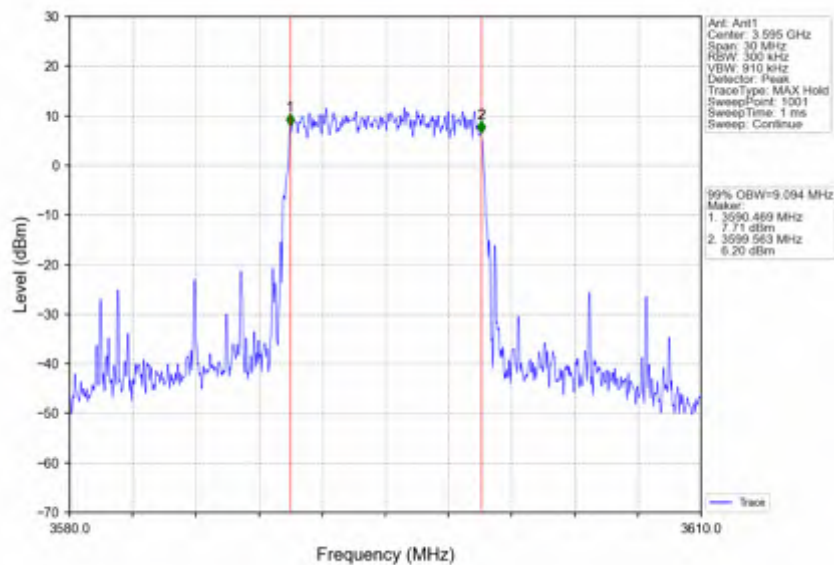
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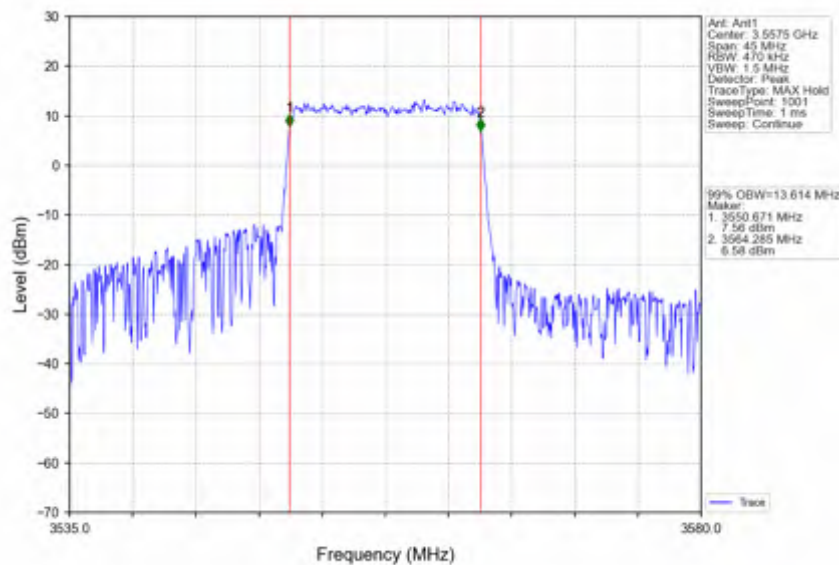


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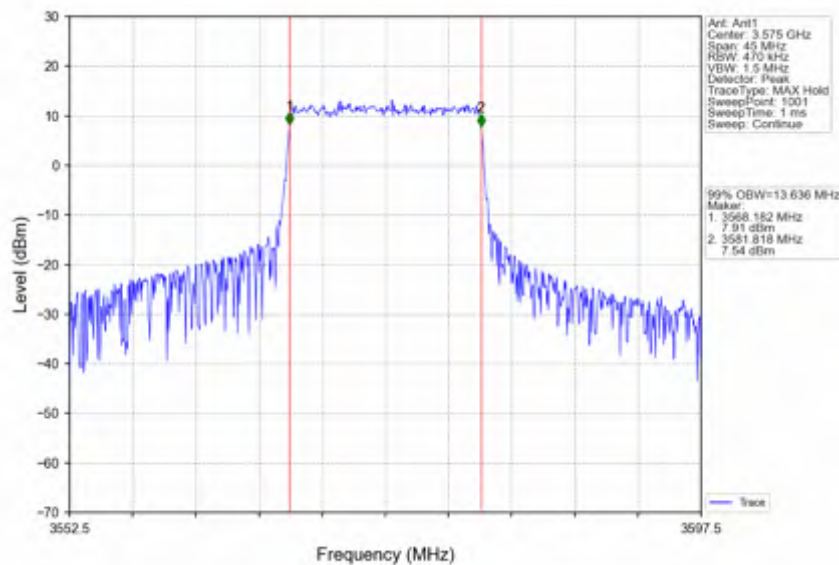
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Band42c_15MHz_QPSK_LCH_3557.5MHz_RB_75_0_NTNV



Band42c_15MHz_QPSK_MCH_3575MHz_RB_75_0_NTNV



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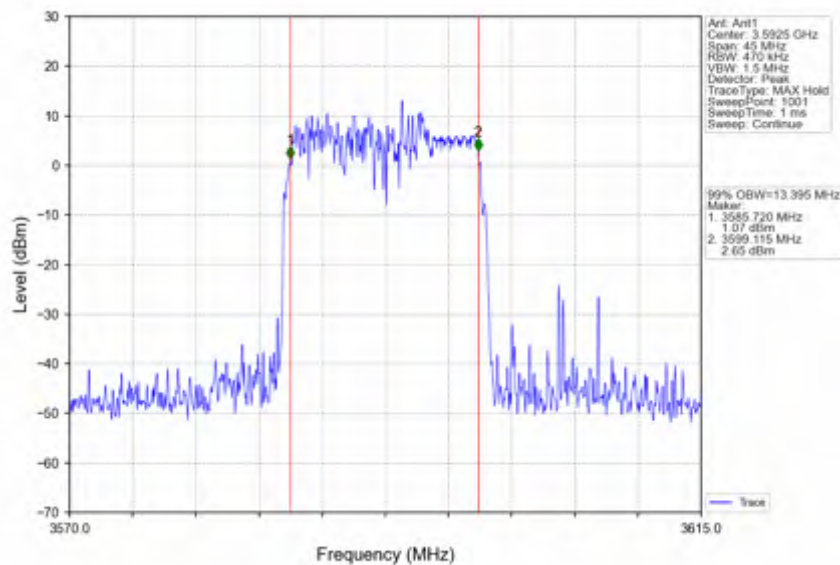
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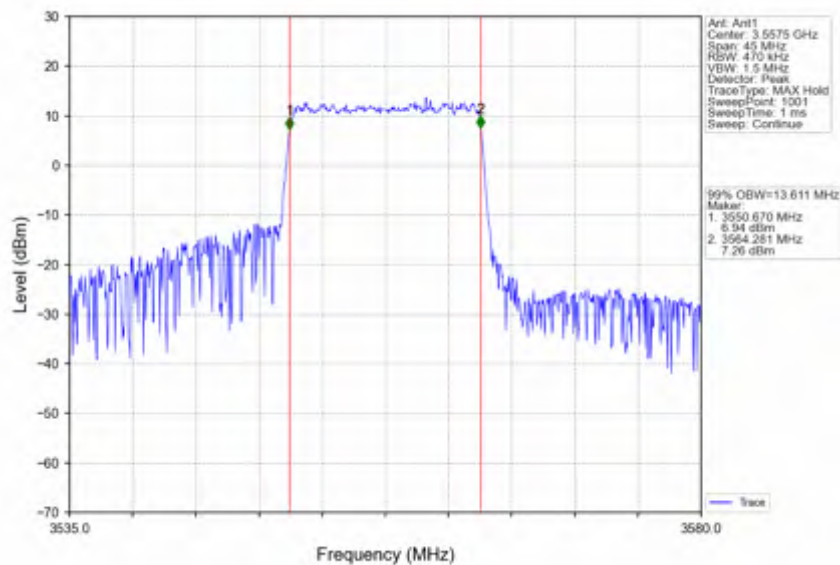
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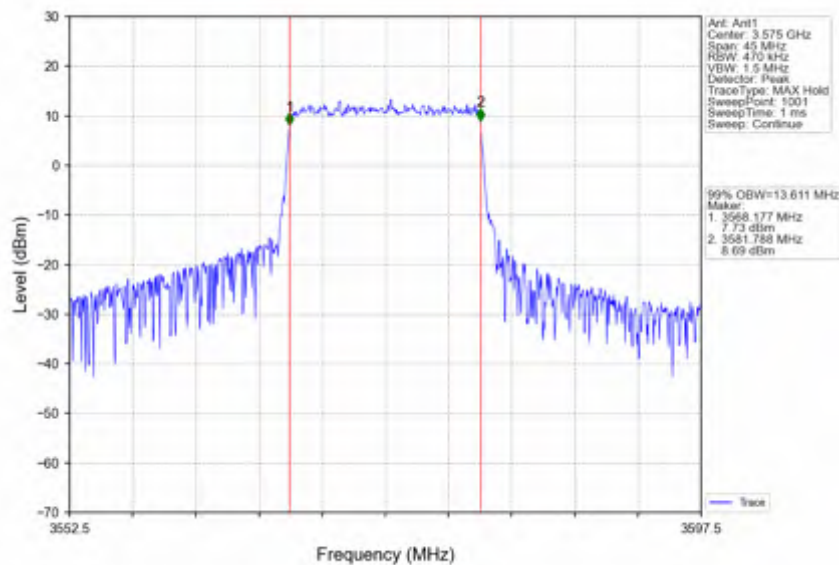
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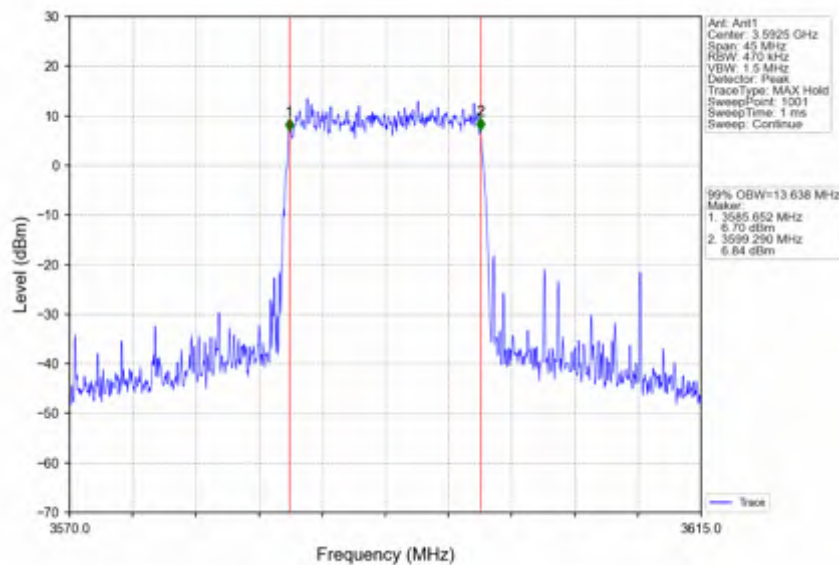
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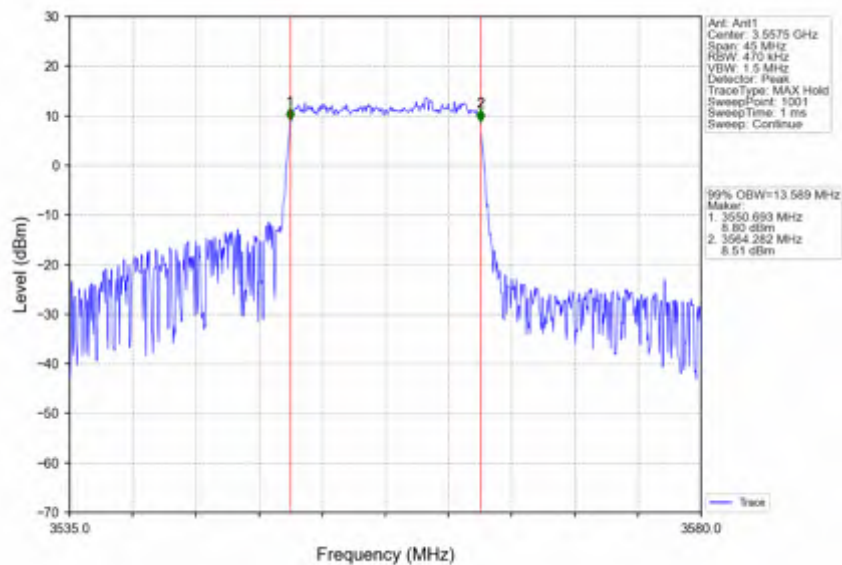
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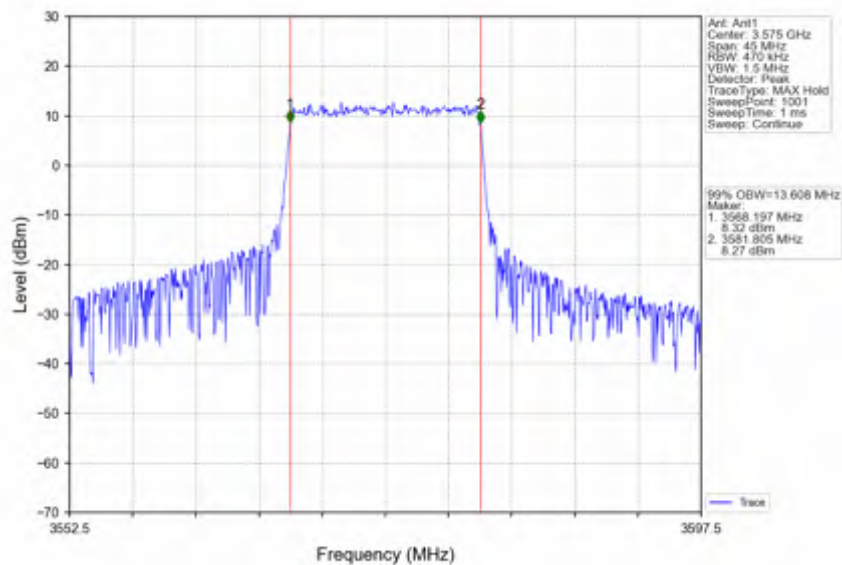
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Band42c 15MHz 64QAM MCH 3575MHz RB 75 0 NTNV

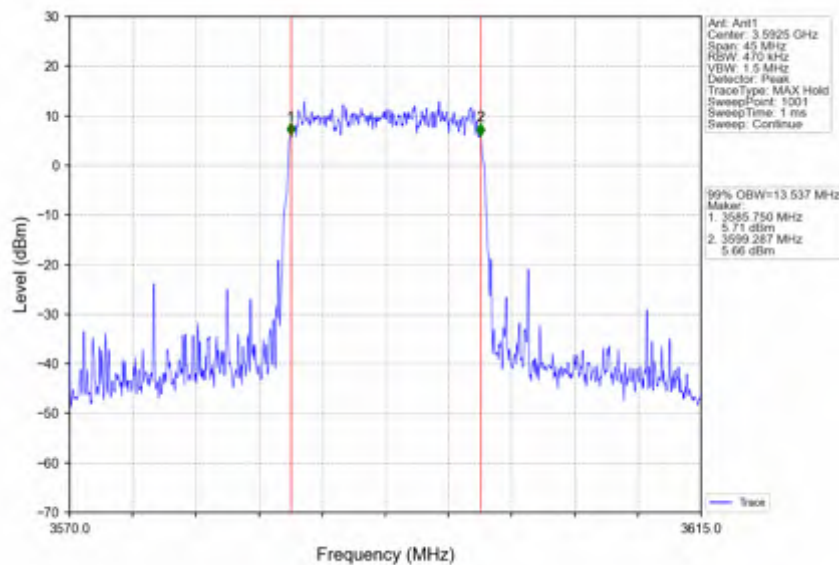


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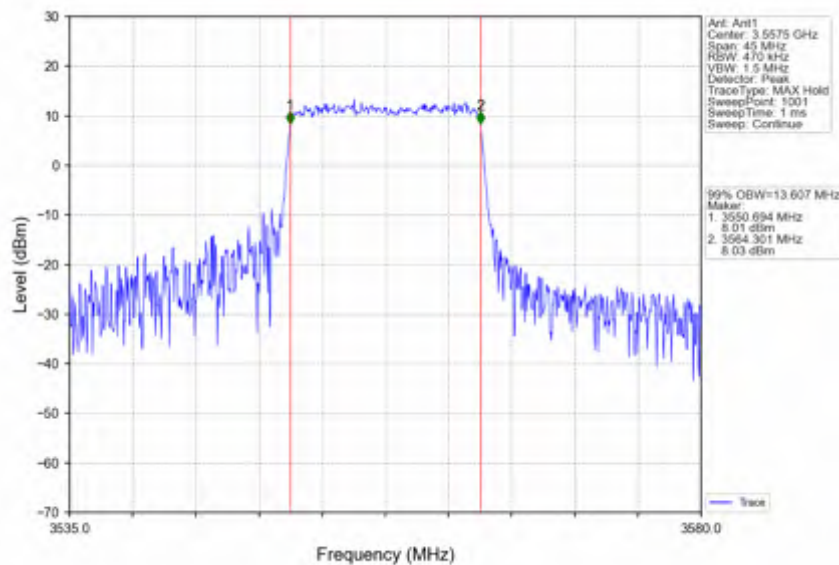
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Band42c_15MHz_256QAM_LCH_3557.5MHz_RB_75_0_NTNV



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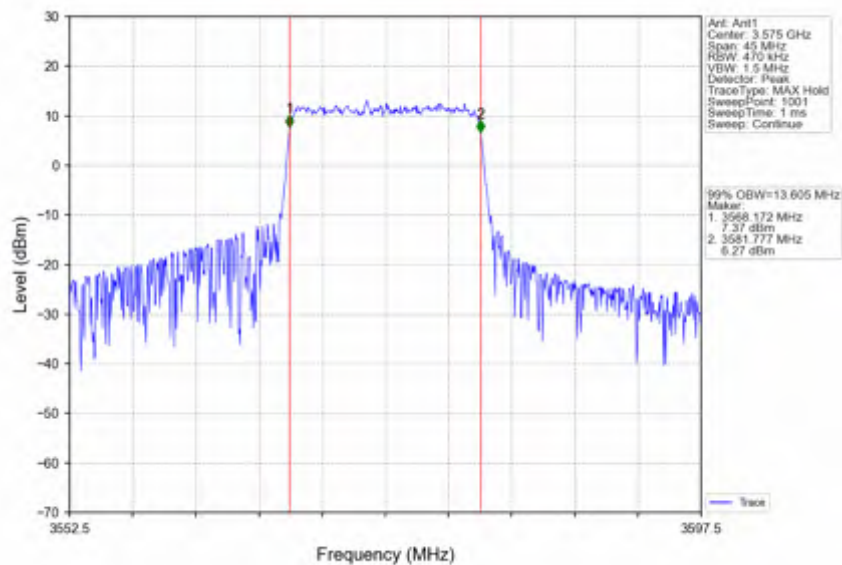
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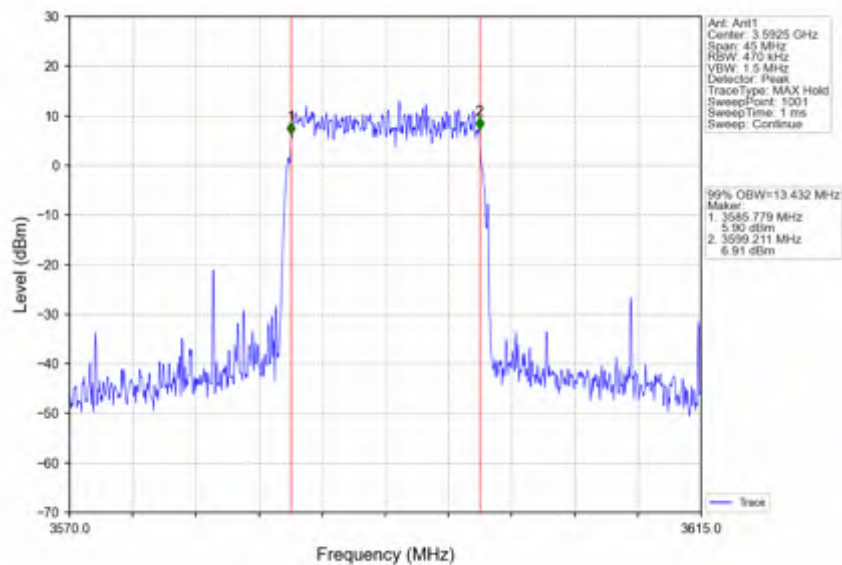
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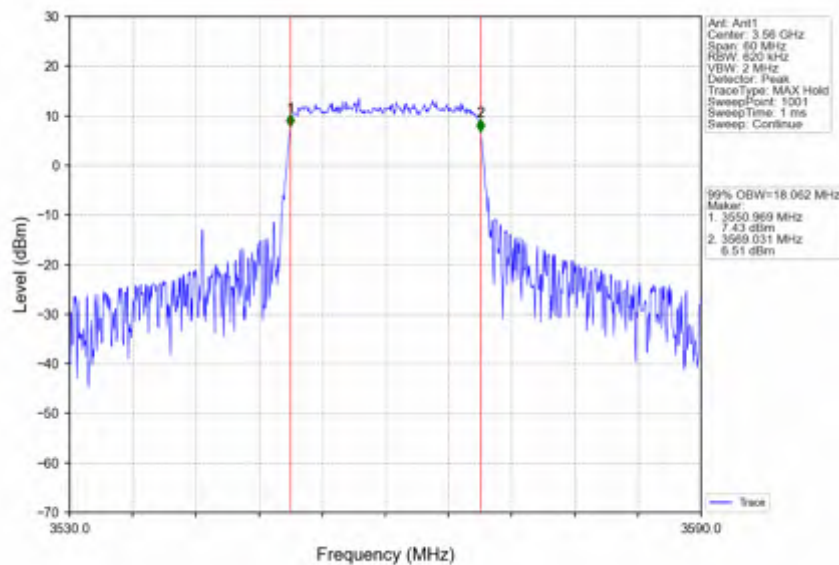
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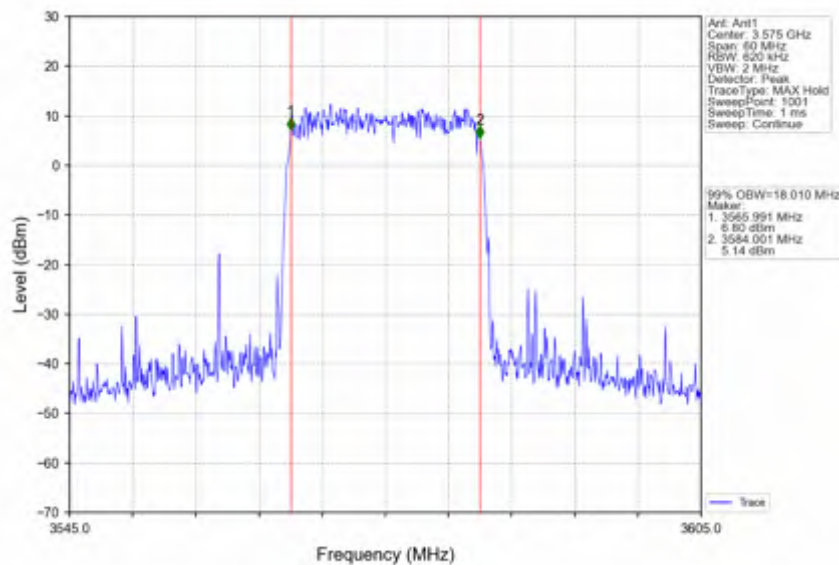
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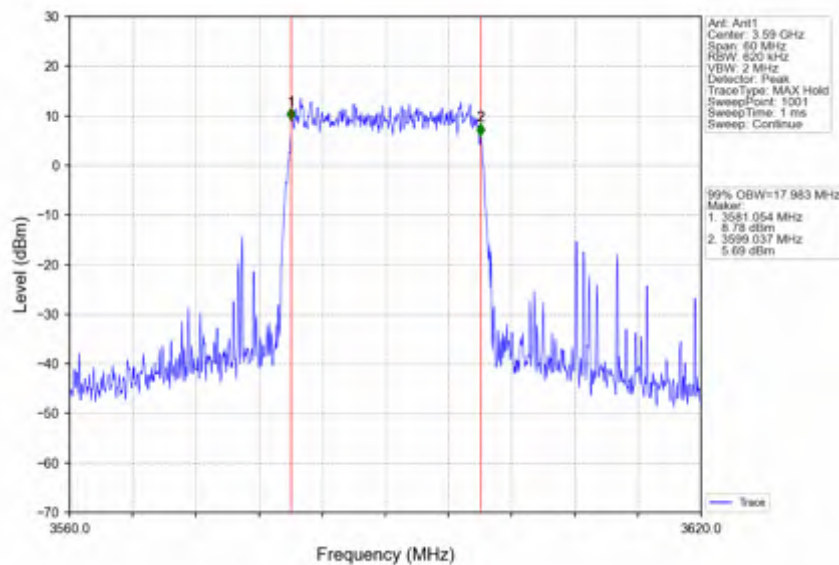
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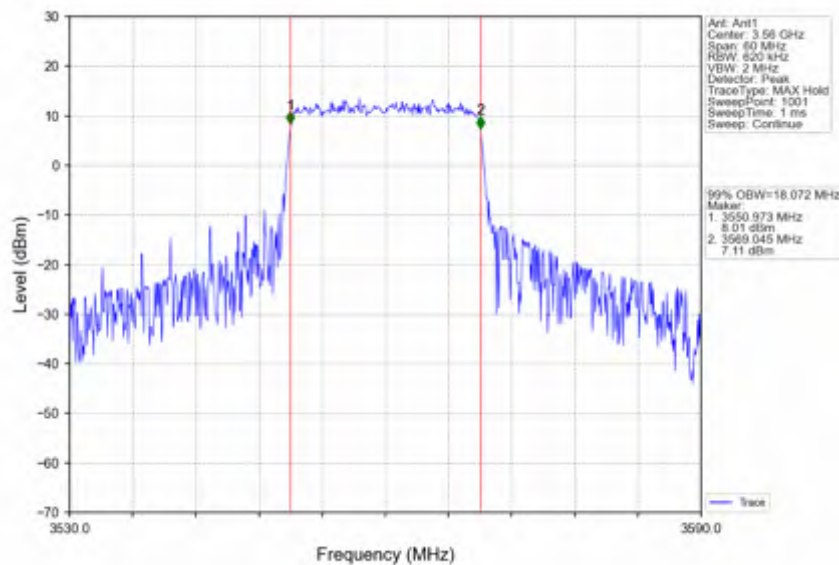
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Band42c_20MHz_QPSK_HCH_3590MHz_RB_100_0_NTNV



Band42c_20MHz_16QAM_LCH_3560MHz_RB_100_0_NTNV



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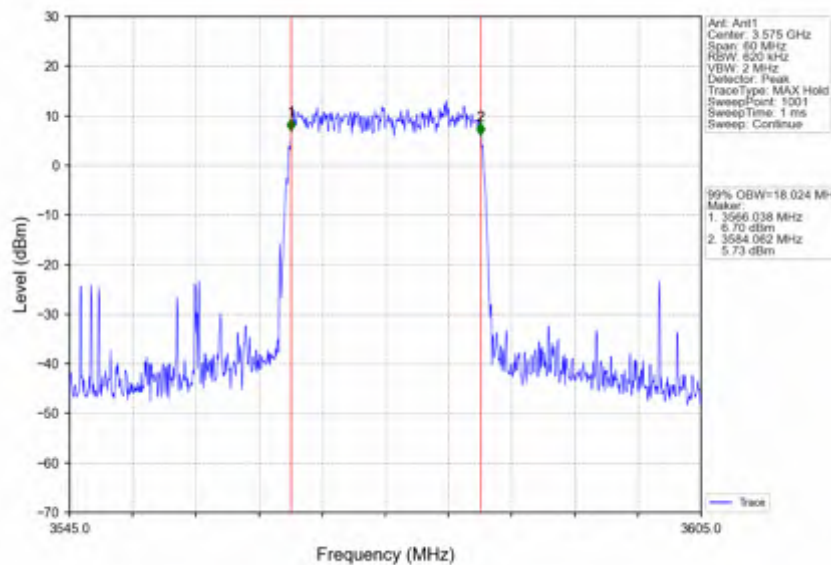
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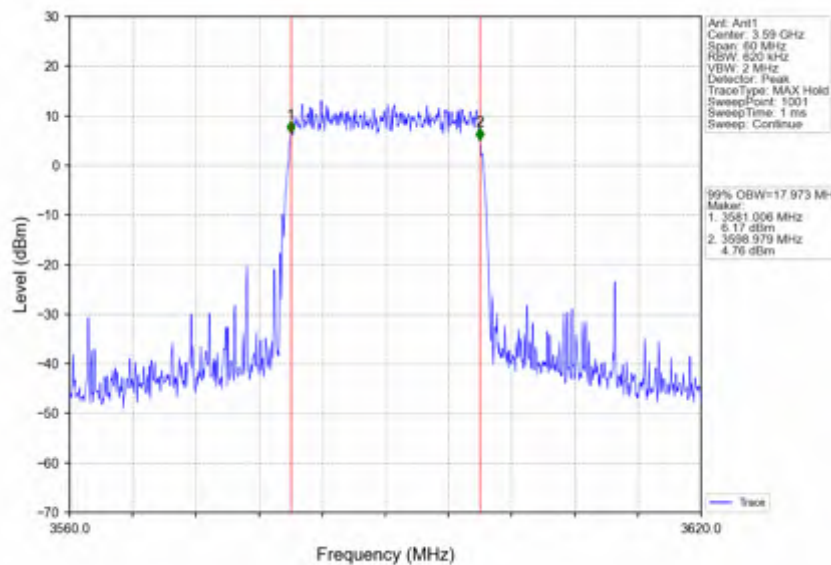
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Band42c_20MHz_16QAM_HCH_3590MHz_RB_100_0_NTNV



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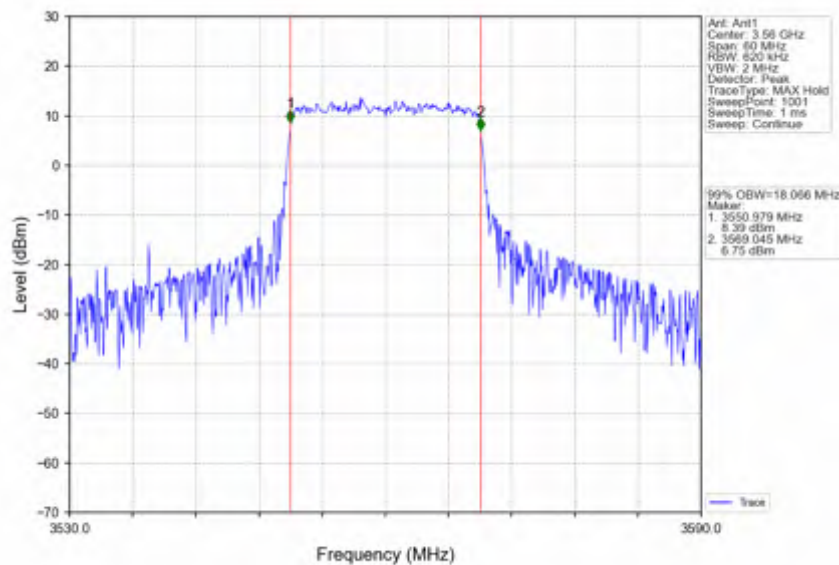
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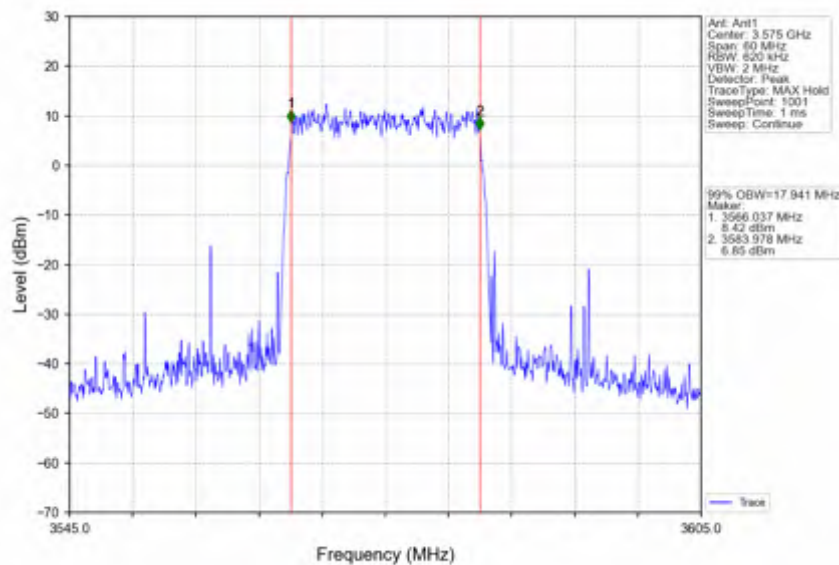
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Band42c_20MHz_64QAM_LCH_3560MHz_RB_100_0_NTNV



Band42c_20MHz_64QAM_MCH_3575MHz_RB_100_0_NTNV



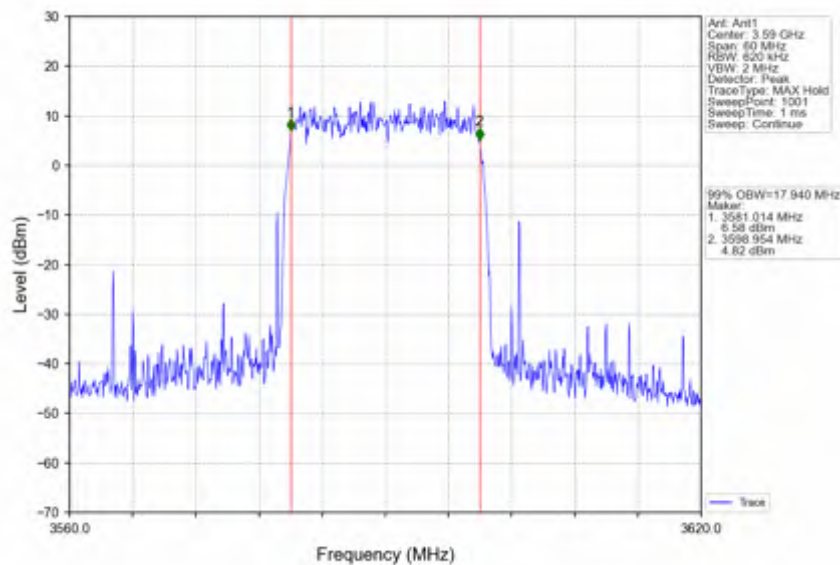
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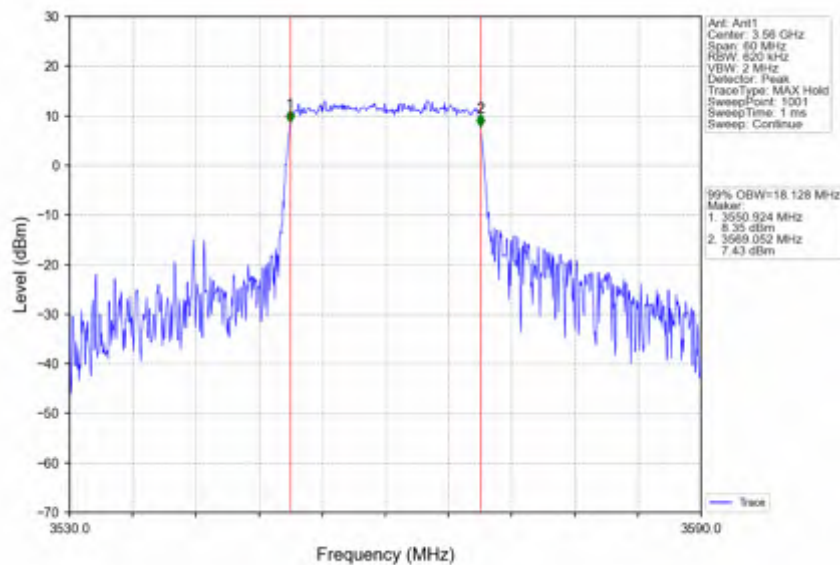
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Band42c_20MHz_256QAM_LCH_3560MHz_RB_100_0_NTNV



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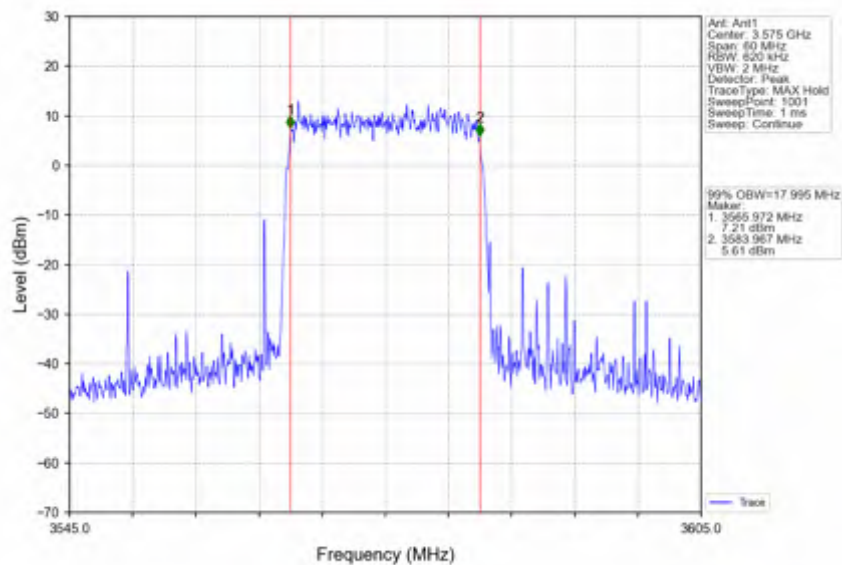
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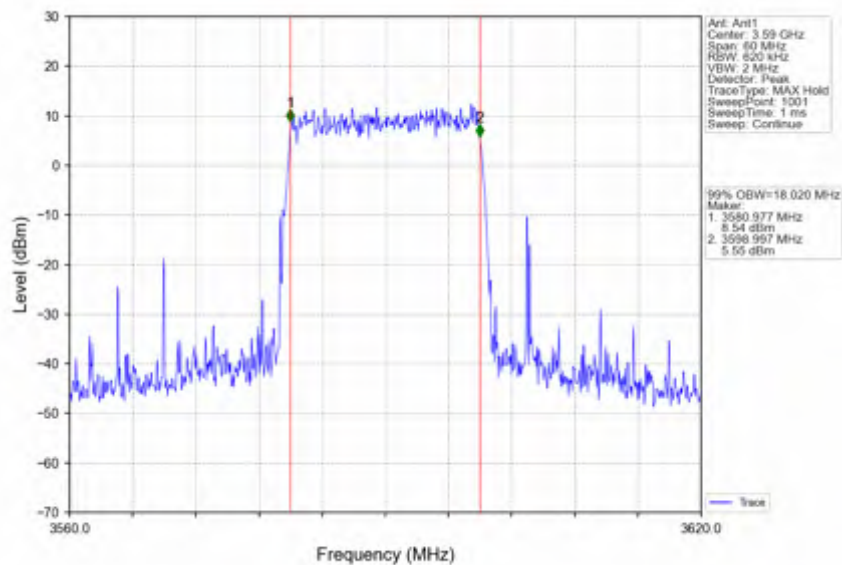
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Band42c 20MHz 256QAM MCH 3575MHz RB 100 0 NTNV



Band42c 20MHz 256QAM HCH 3590MHz RB 100 0 NTNV



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12.2 Band42c_XDB

12.2.1 Test Result

Band: 42c / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset		
5	QPSK	3552.5	25	0	5.108	Pass
		3575	25	0	5.318	Pass
		3597.5	25	0	4.843	Pass
	16QAM	3552.5	25	0	5.094	Pass
		3575	25	0	5.204	Pass
		3597.5	25	0	4.884	Pass
	64QAM	3552.5	25	0	5.135	Pass
		3575	25	0	5.268	Pass
		3597.5	25	0	4.811	Pass
	256QAM	3552.5	25	0	5.001	Pass
		3575	25	0	5.043	Pass
		3597.5	25	0	4.882	Pass
10	QPSK	3555	50	0	12.972	Pass
		3575	50	0	11.408	Pass
		3595	50	0	9.754	Pass
	16QAM	3555	50	0	12.748	Pass
		3575	50	0	11.857	Pass
		3595	50	0	9.685	Pass
	64QAM	3555	50	0	12.915	Pass
		3575	50	0	11.416	Pass
		3595	50	0	9.655	Pass
	256QAM	3555	50	0	10.834	Pass
		3575	50	0	10.551	Pass
		3595	50	0	9.755	Pass
15	QPSK	3557.5	75	0	16.824	Pass
		3575	75	0	15.269	Pass
		3592.5	75	0	14.484	Pass
	16QAM	3557.5	75	0	16.748	Pass
		3575	75	0	15.280	Pass
		3592.5	75	0	14.544	Pass
	64QAM	3557.5	75	0	15.909	Pass
		3575	75	0	15.639	Pass
		3592.5	75	0	14.531	Pass
	256QAM	3557.5	75	0	17.298	Pass
		3575	75	0	16.769	Pass
		3592.5	75	0	14.618	Pass
20	QPSK	3560	100	0	21.622	Pass
		3575	100	0	19.246	Pass
		3590	100	0	19.323	Pass
	16QAM	3560	100	0	27.744	Pass
		3575	100	0	19.288	Pass
		3590	100	0	19.477	Pass
	64QAM	3560	100	0	21.529	Pass
		3575	100	0	19.343	Pass
		3590	100	0	23.115	Pass
	256QAM	3560	100	0	20.205	Pass



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		3575	100	0	21.121	Pass
		3590	100	0	23.571	Pass



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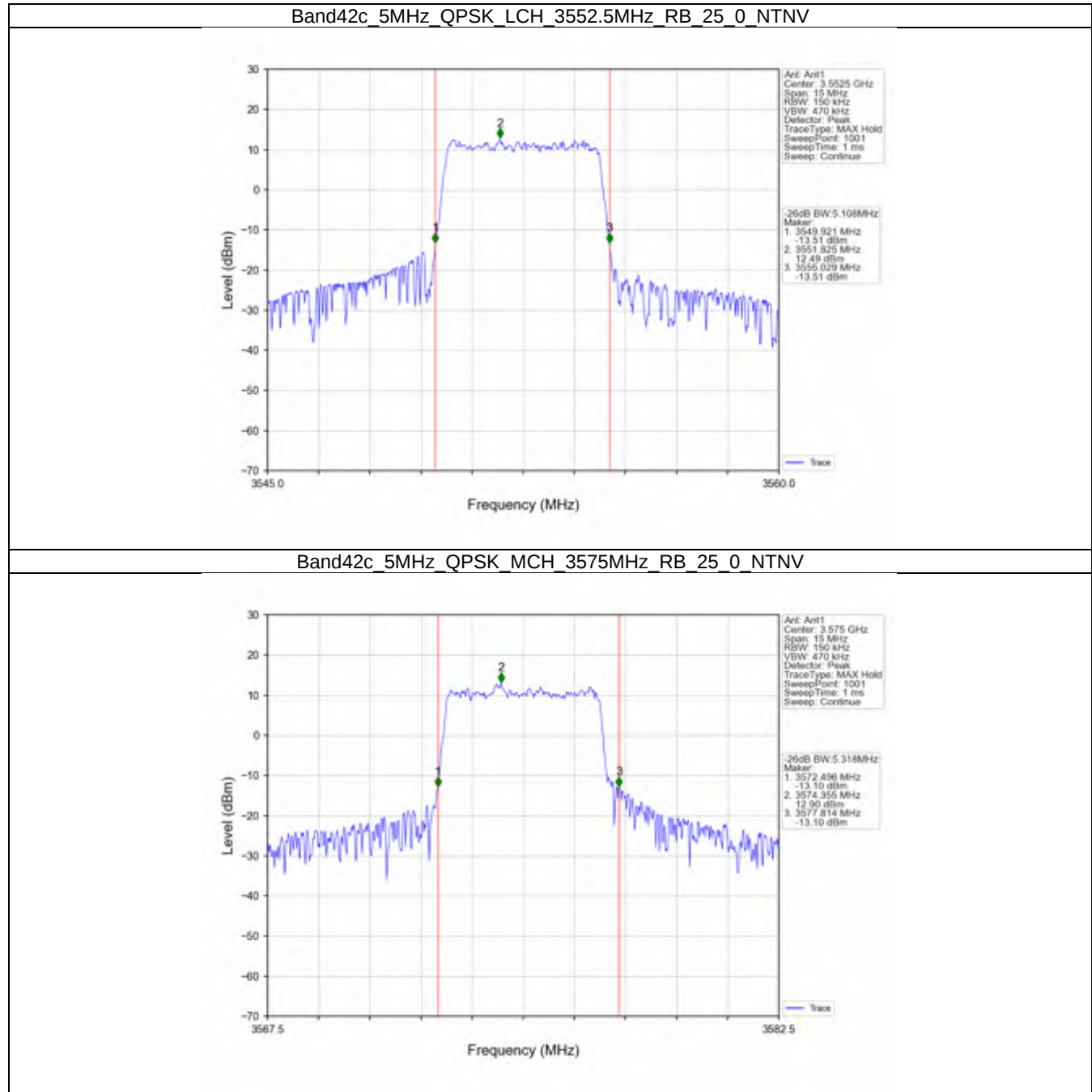
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12.2.2 Test Graph



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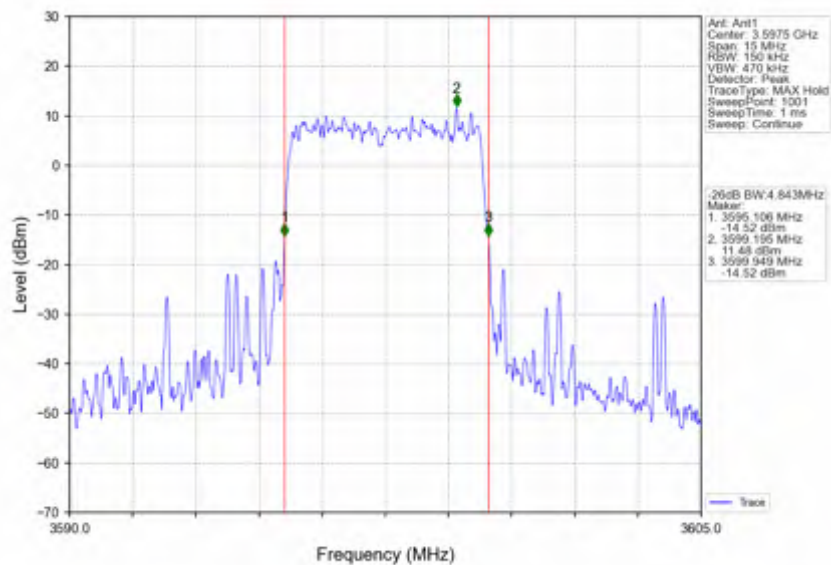
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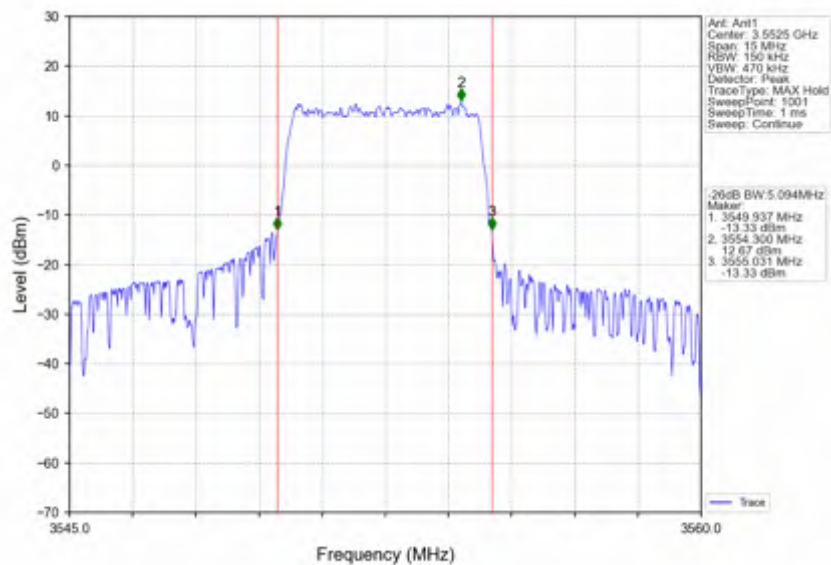
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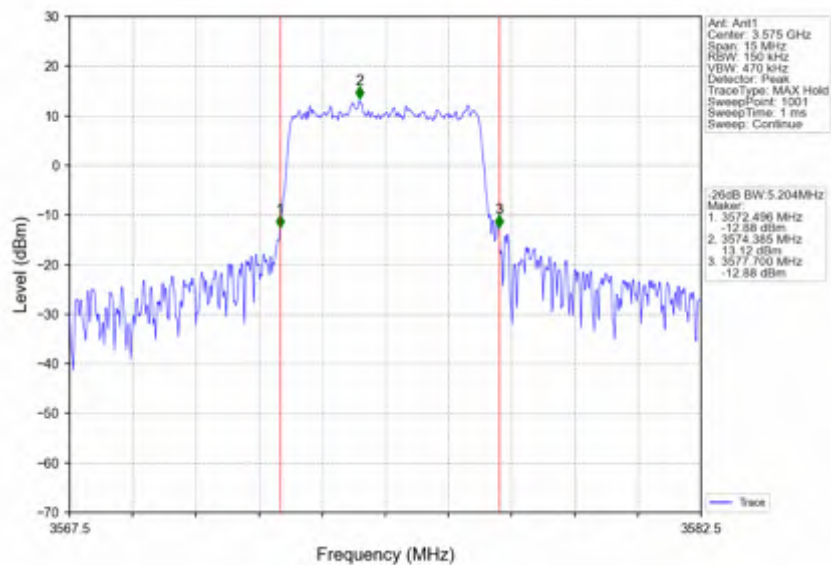
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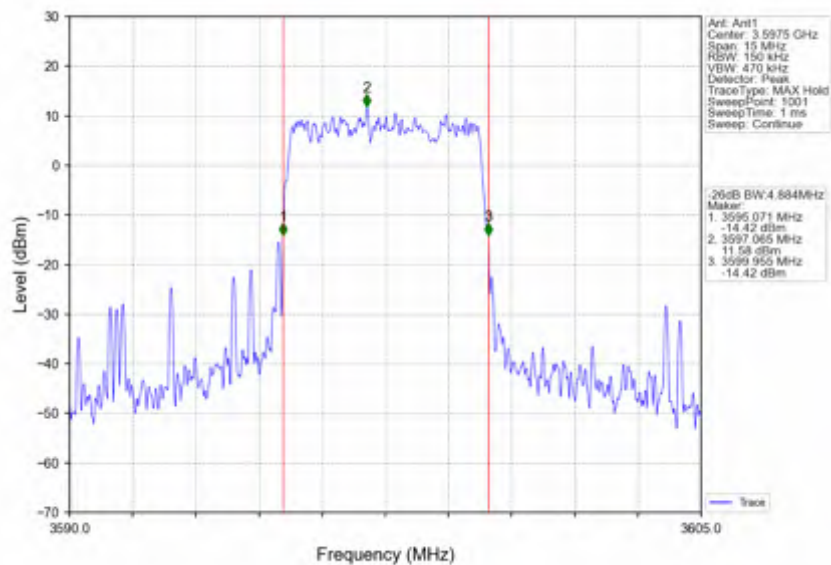
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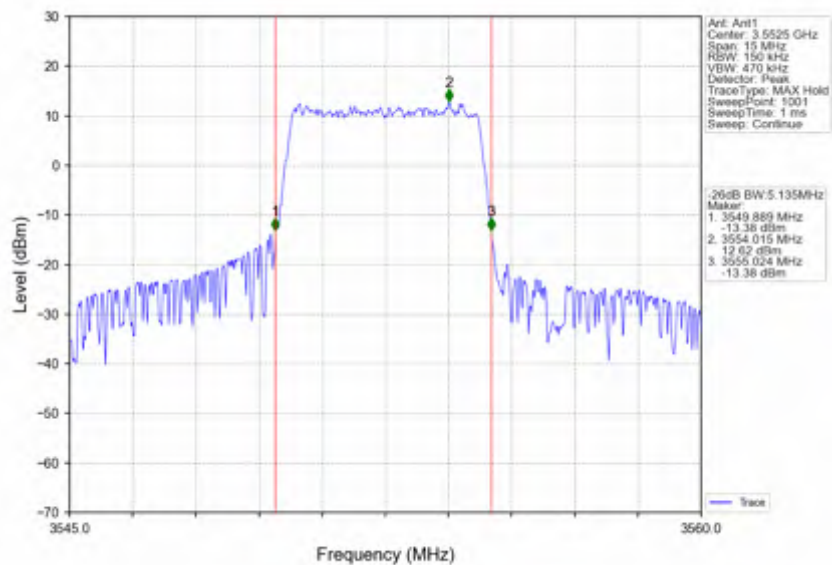
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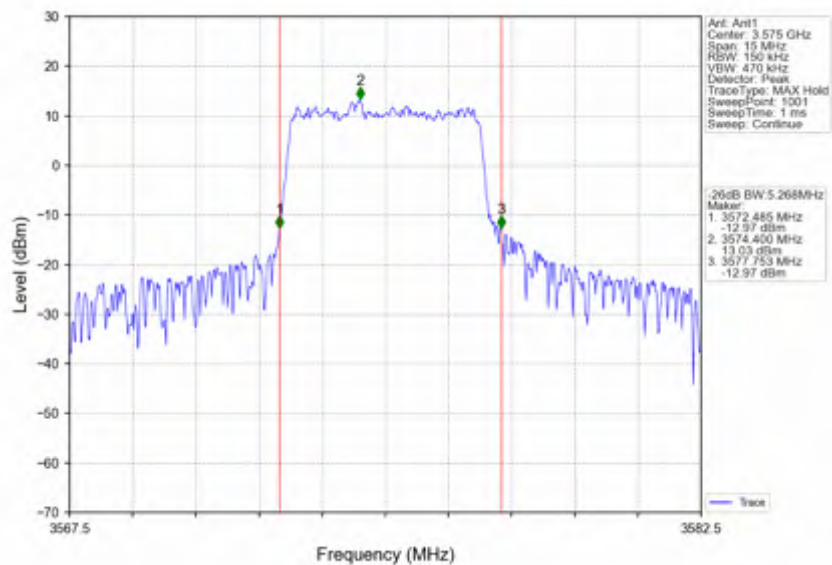
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Band42c 5MHz 64QAM LCH 3552.5MHz RB 25 0 NTNV



Band42c	5MHz	64QAM	MCH	3575MHz	RB	25	0	NTNV
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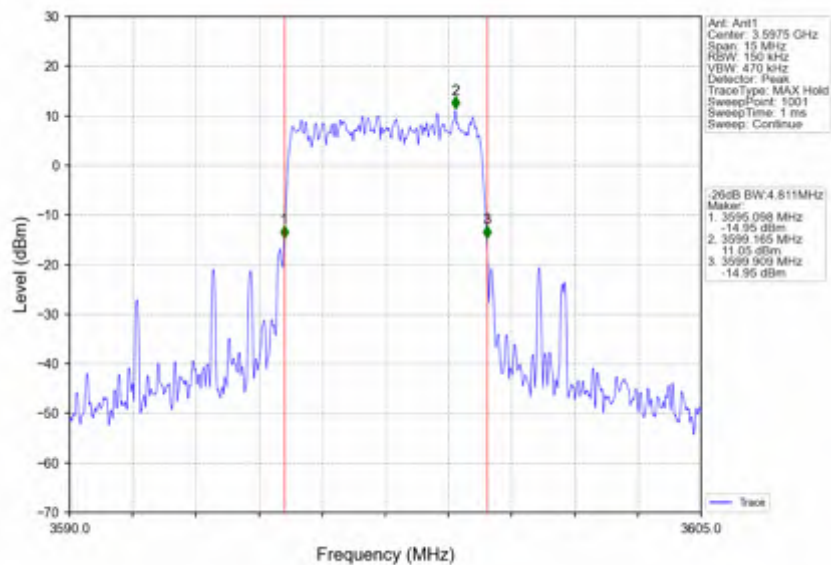


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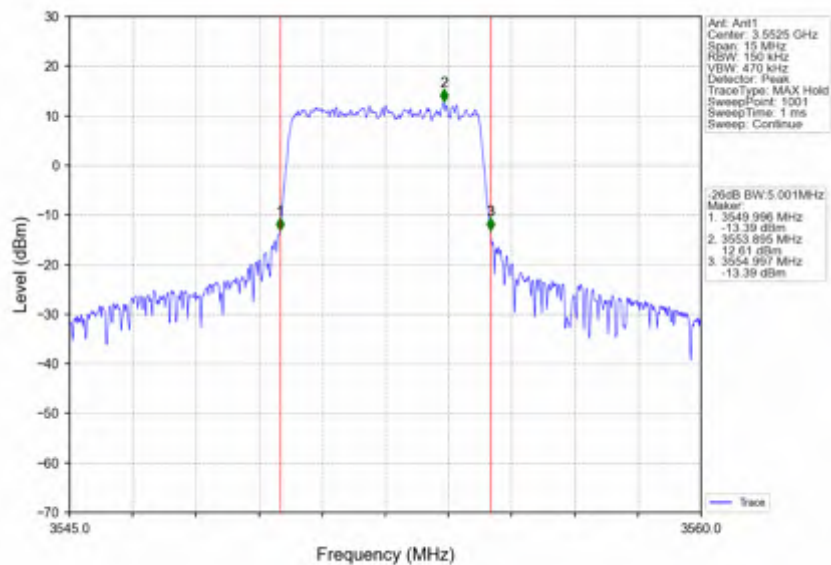
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Band42c_5MHz_64QAM_HCH_3597.5MHz_RB_25_0_NTNV



Band42c_5MHz_256QAM_LCH_3552.5MHz_RB_25_0_NTNV



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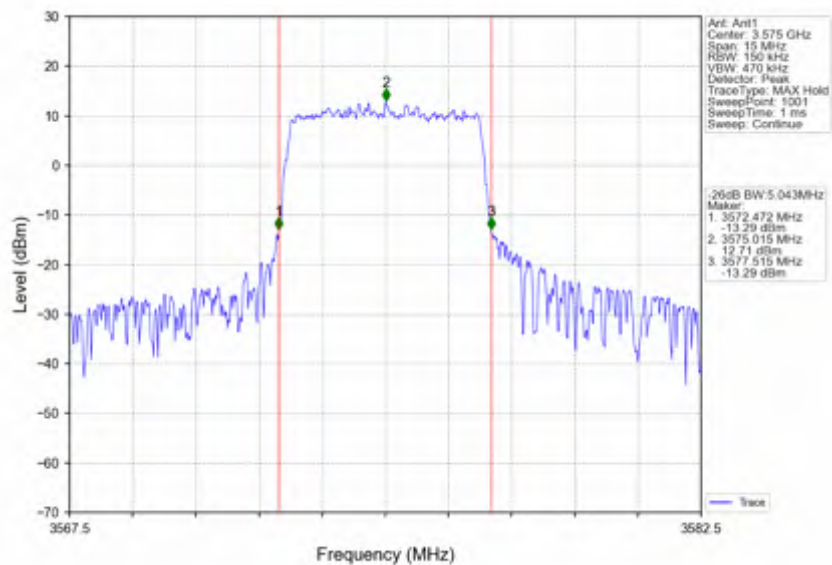
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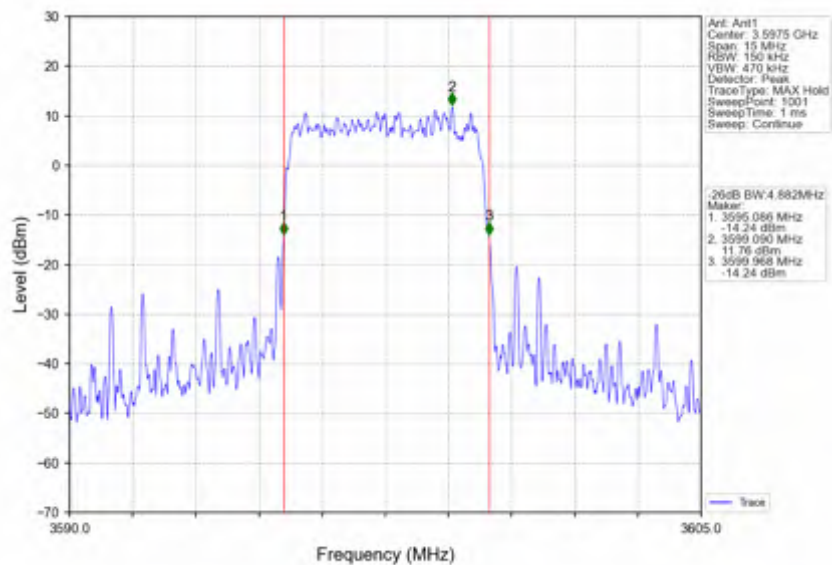
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Band42c 5MHz 256QAM MCH 3575MHz RB 25 0 NTNV



Band42c	5MHz	256QAM	HCH	3597.5MHz	RB	25	0	NTNV
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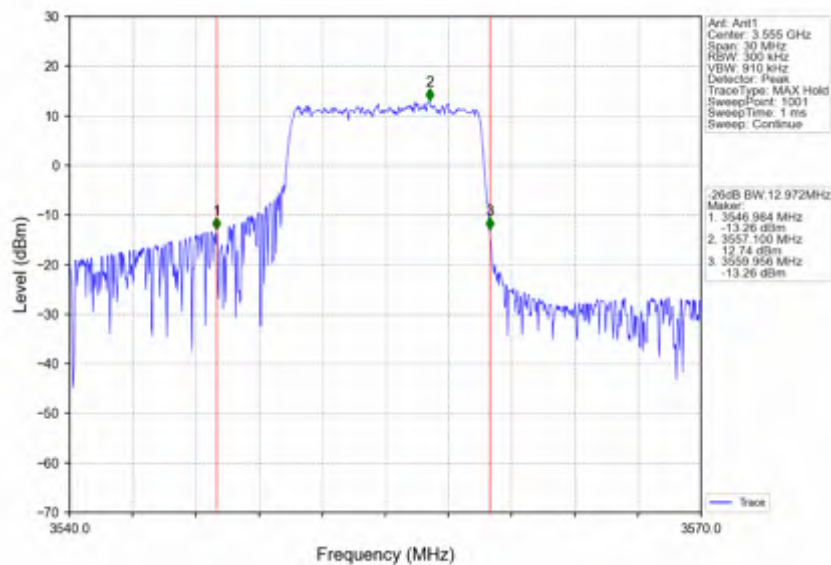


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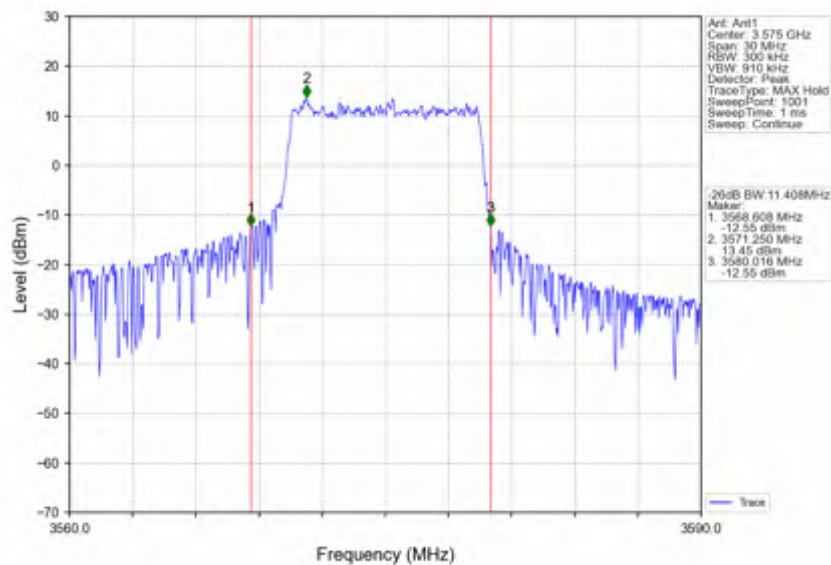
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Band42c_10MHz_QPSK_LCH_3555MHz_RB_50_0_NTNV



Band42c_10MHz_QPSK_MCH_3575MHz_RB_50_0_NTNV



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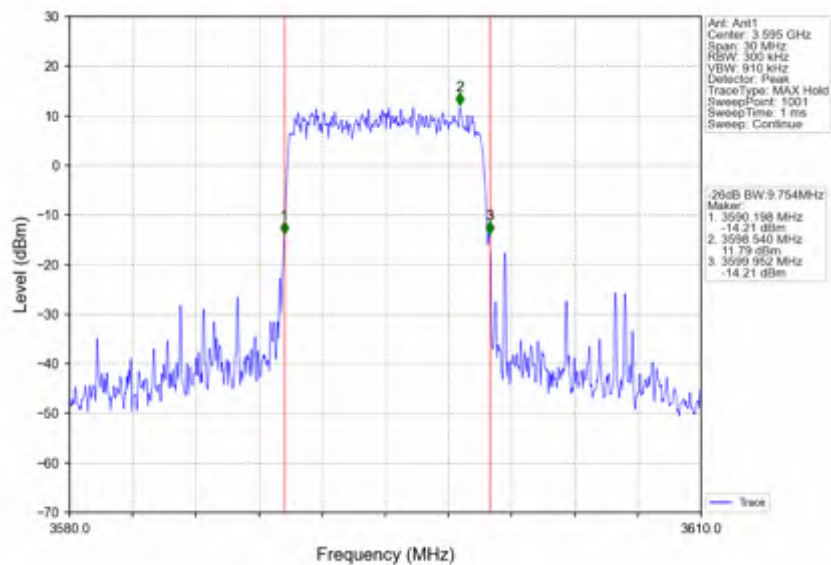
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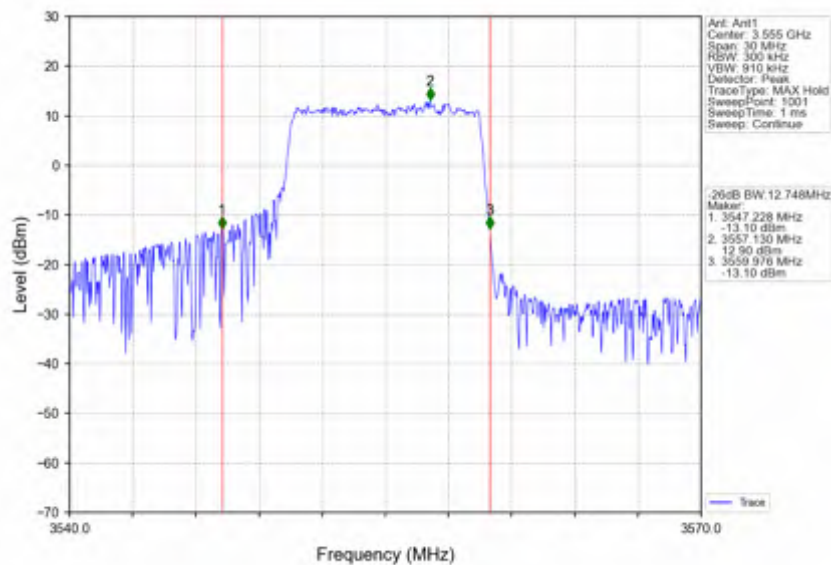
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Band42c_10MHz_QPSK_HCH_3595MHz_RB_50_0_NTNV



Band42c_10MHz_16QAM_LCH_3555MHz_RB_50_0_NTNV



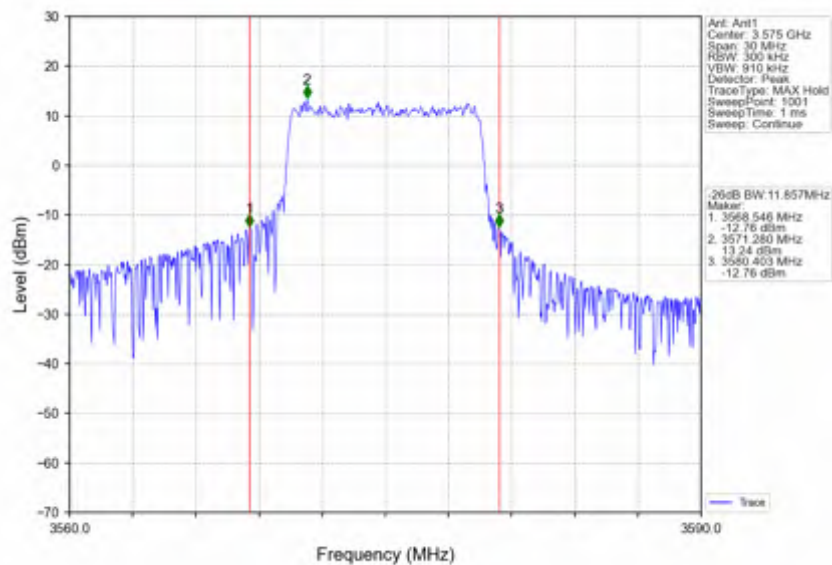
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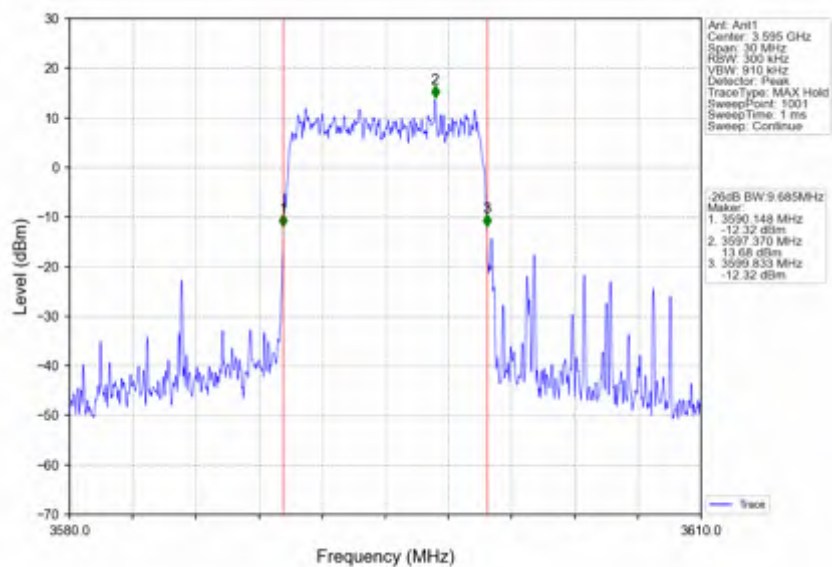
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Band42c 10MHz 16QAM MCH 3575MHz RB 50 0 NTNV



Band42c 10MHz 16QAM HCH 3595MHz RB 50 0 NTNV

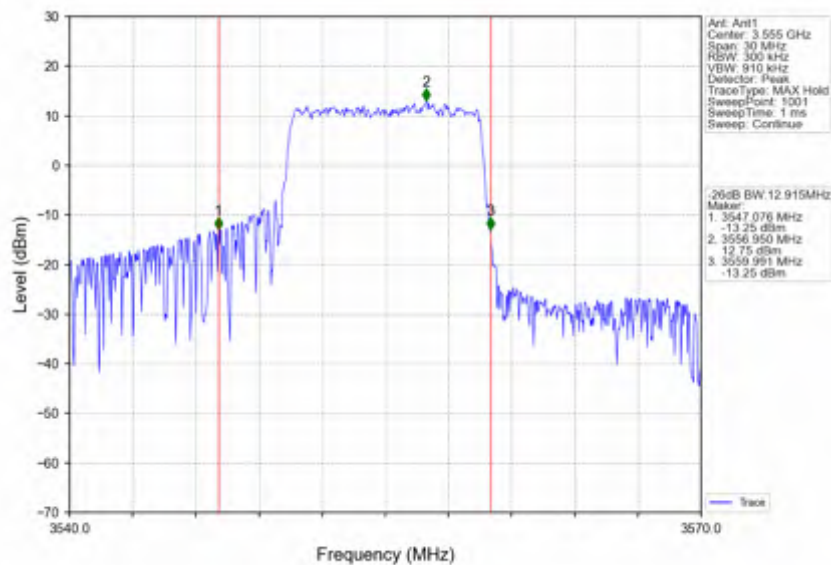


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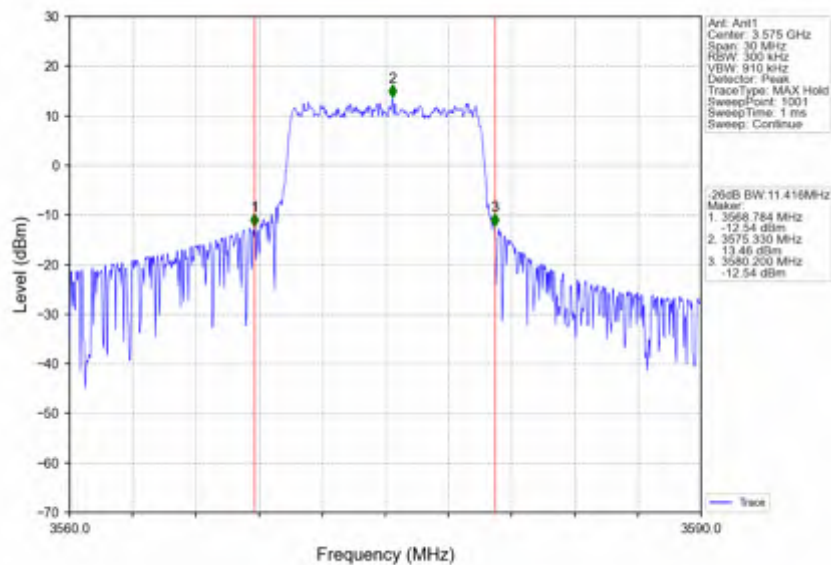
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Band42c_10MHz_64QAM_LCH_3555MHz_RB_50_0_NTNV



Band42c_10MHz_64QAM_MCH_3575MHz_RB_50_0_NTNV



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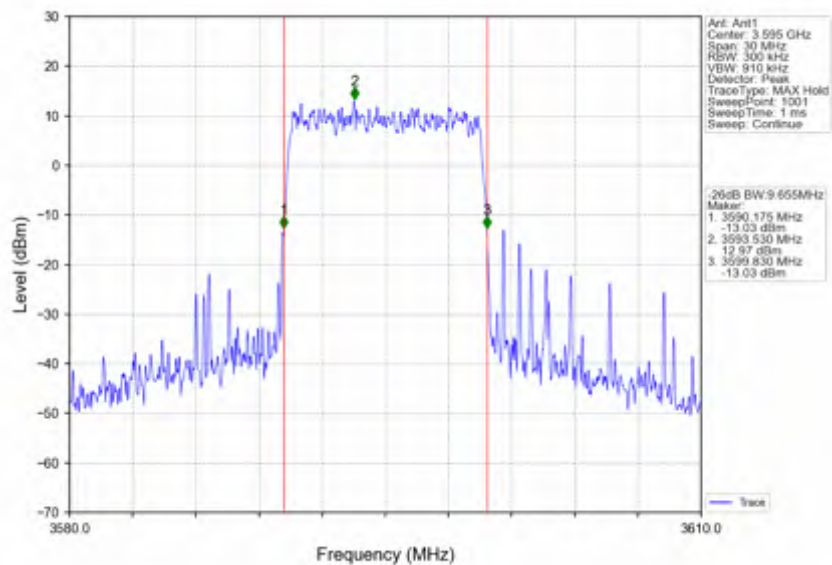
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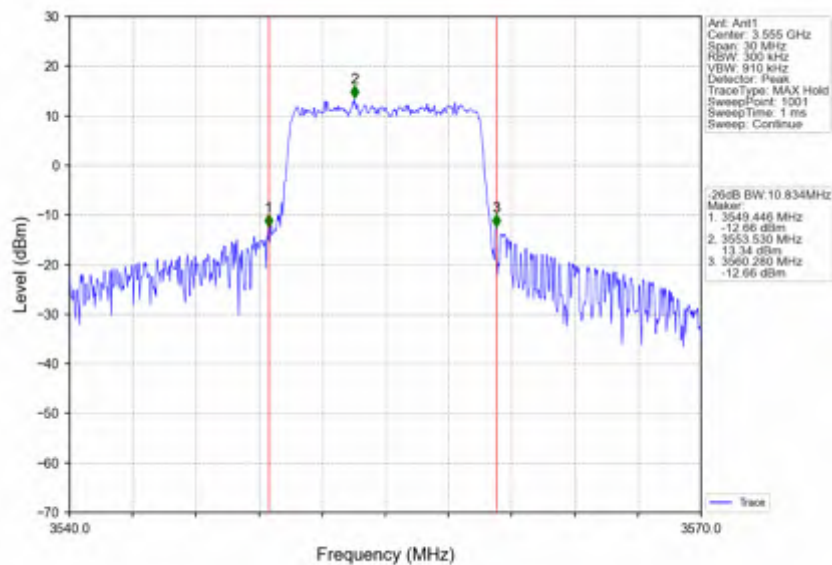
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Band42c_10MHz_256QAM_LCH_3555MHz_RB_50_0_NTNV



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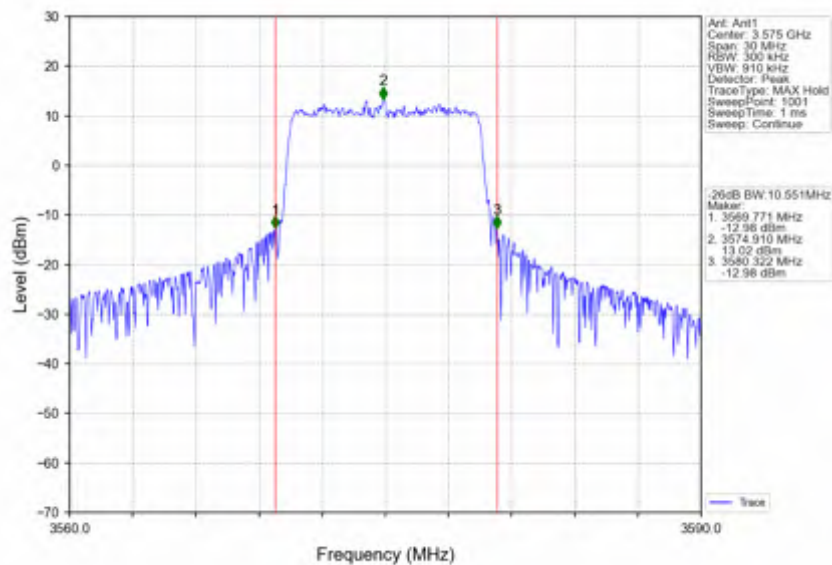
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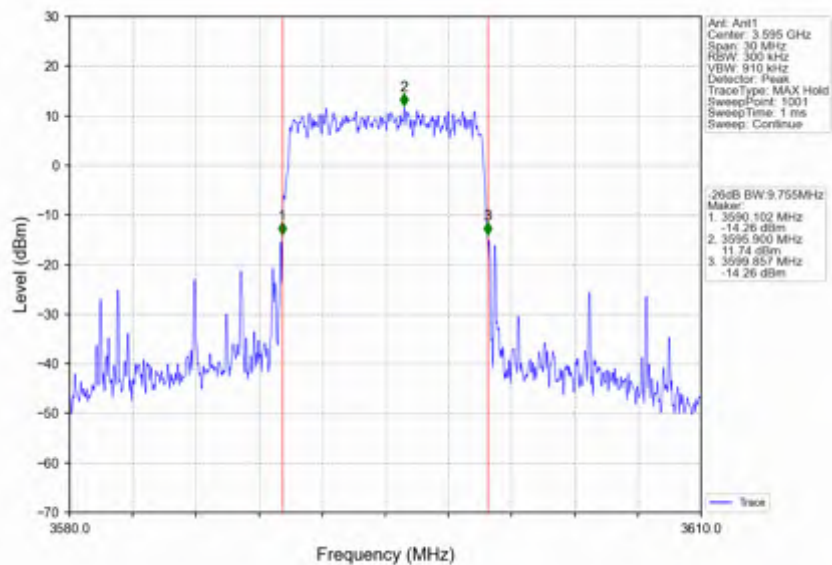
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Band42c_10MHz_256QAM_HCH_3595MHz_RB_50_0_NTNV



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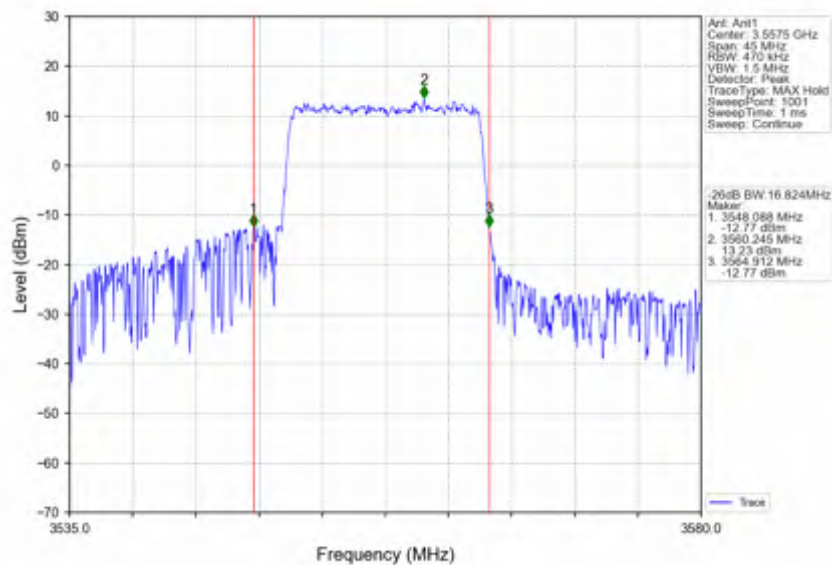
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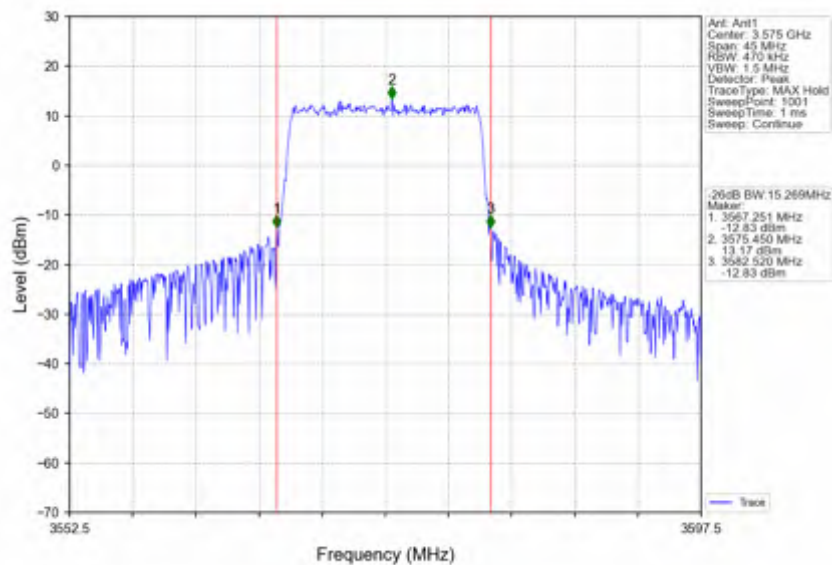
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Band42c_15MHz_QPSK_LCH_3557.5MHz_RB_75_0_NTNV



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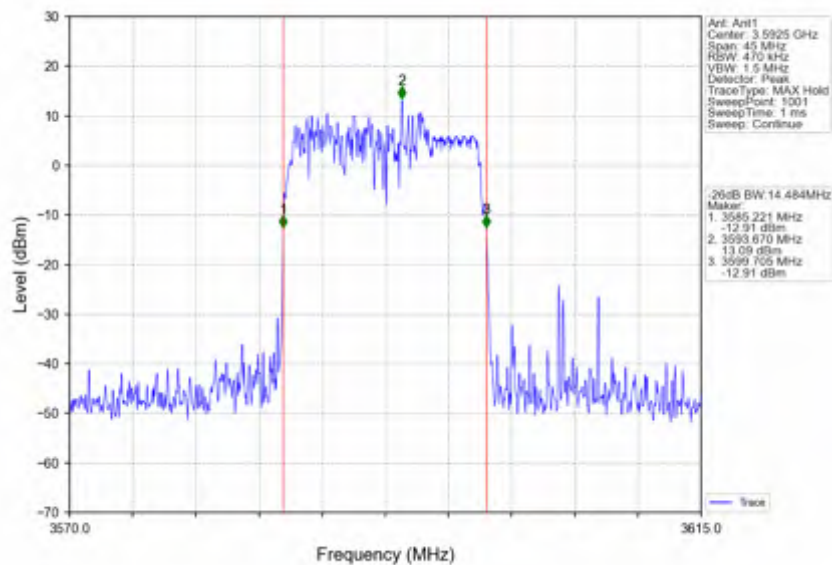
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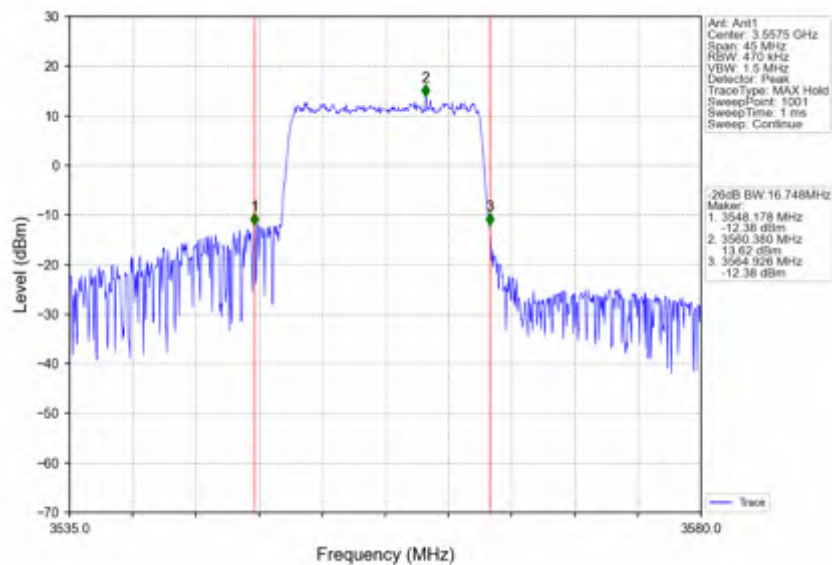
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Band42c_15MHz_16QAM_LCH_3557.5MHz_RB_75_0_NTNV



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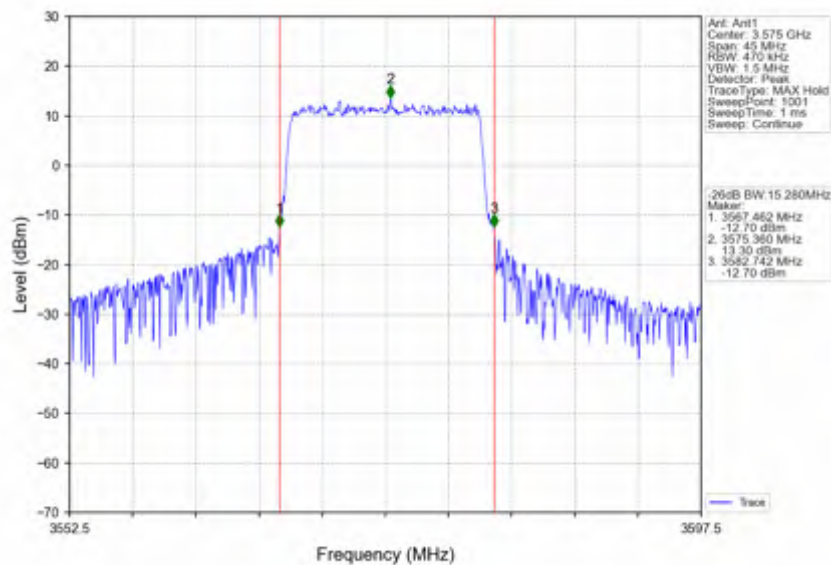
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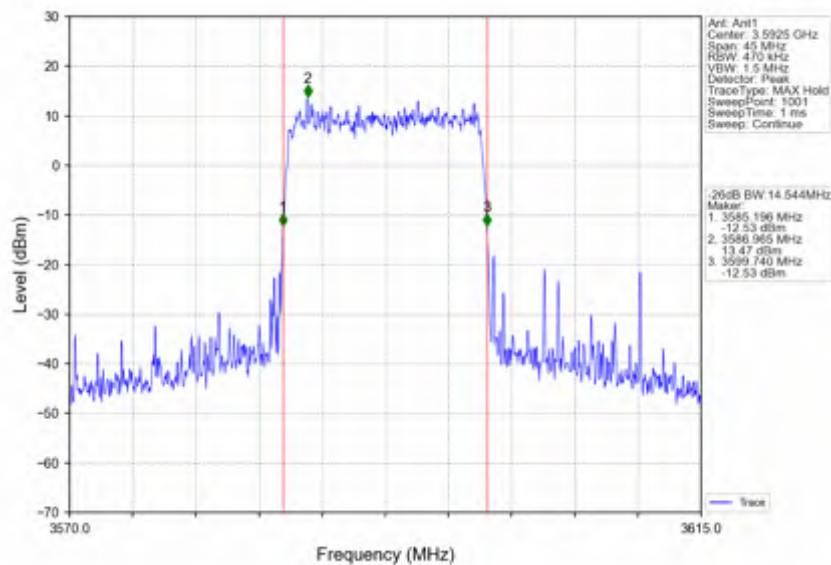
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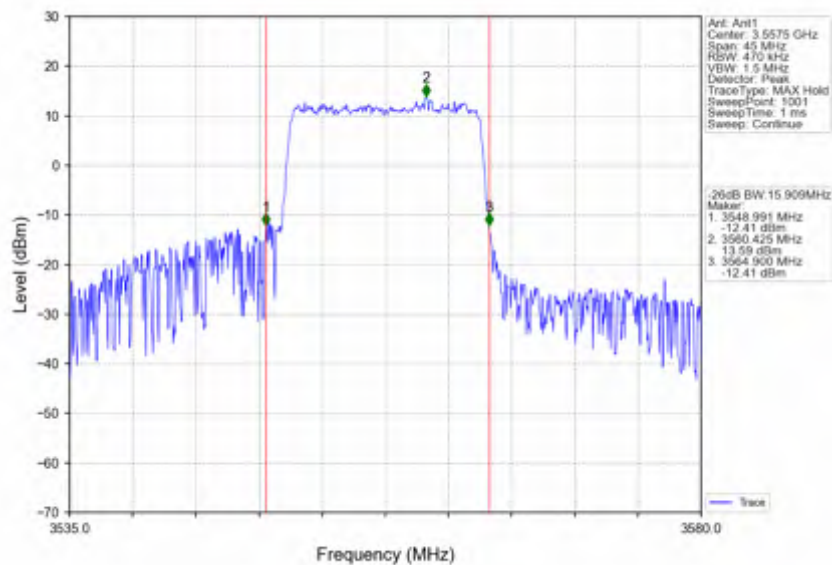
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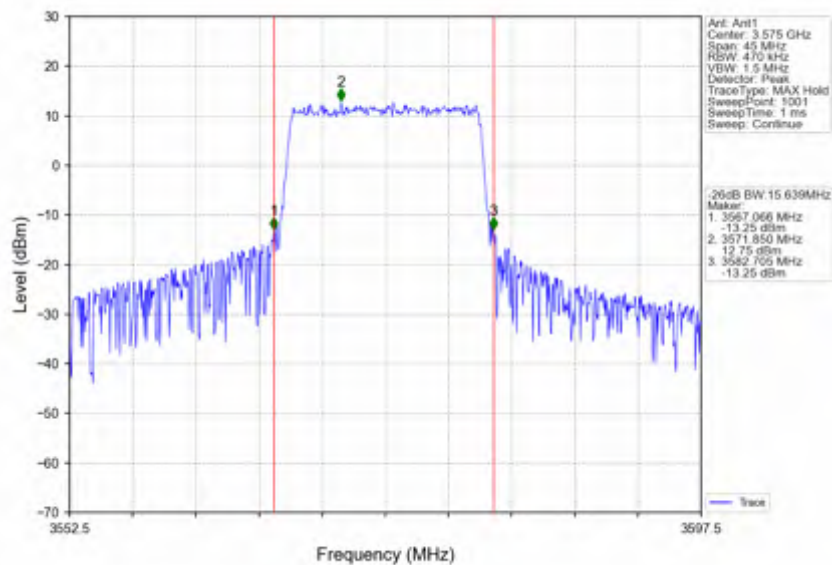
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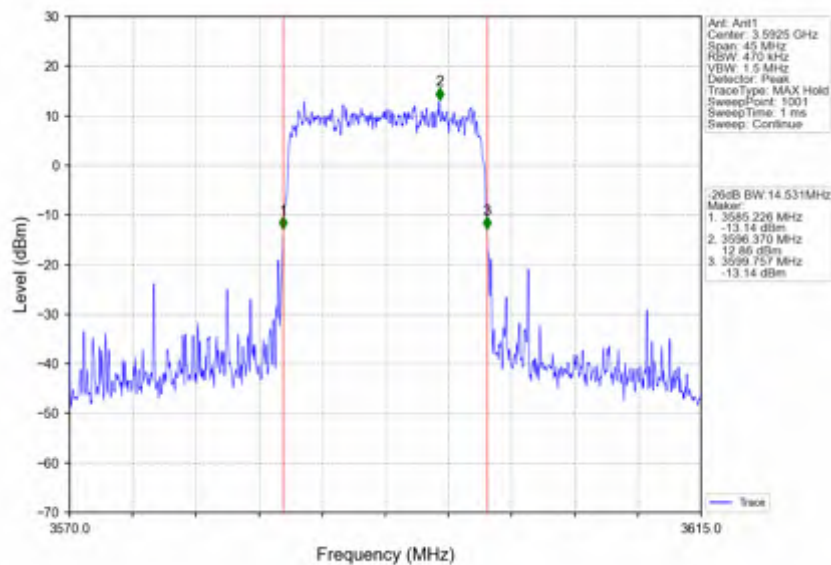


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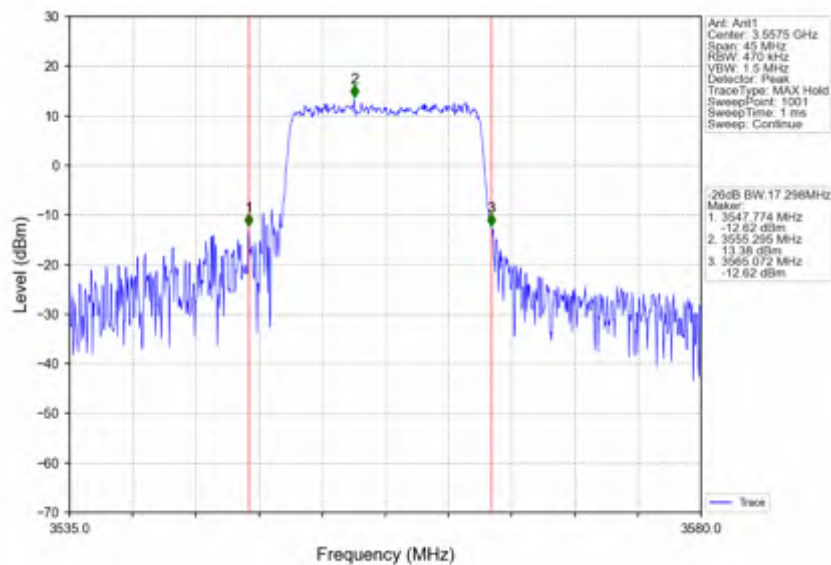
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Band42c_15MHz_256QAM_LCH_3557.5MHz_RB_75_0_NTNV



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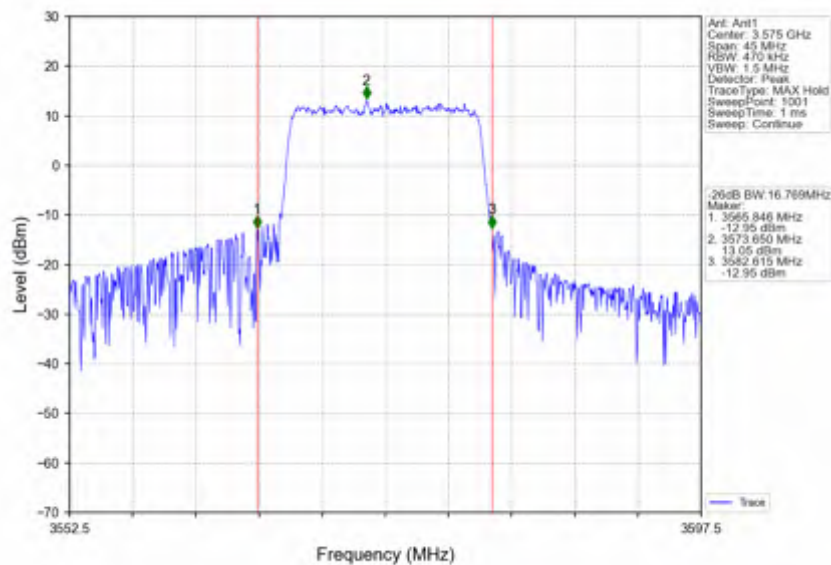
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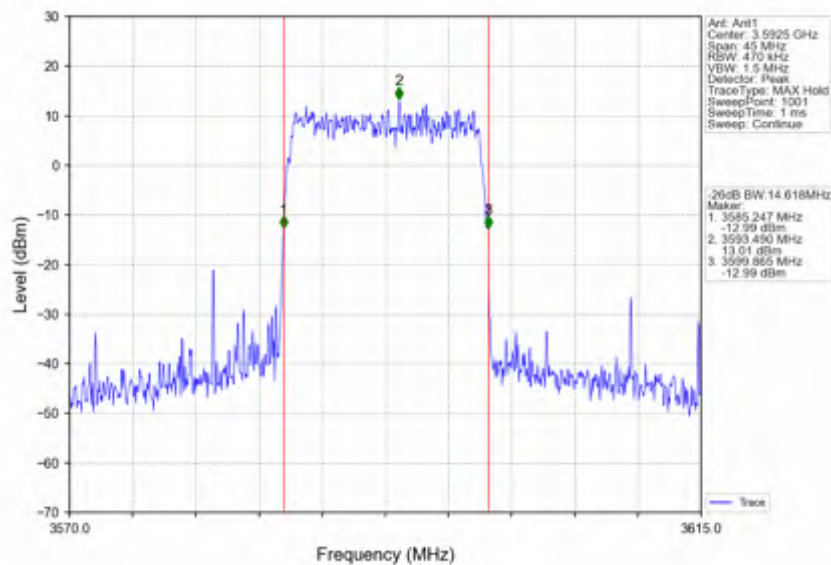
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Band42c_15MHz_256QAM_HCH_3592.5MHz_RB_75_0_NTNV



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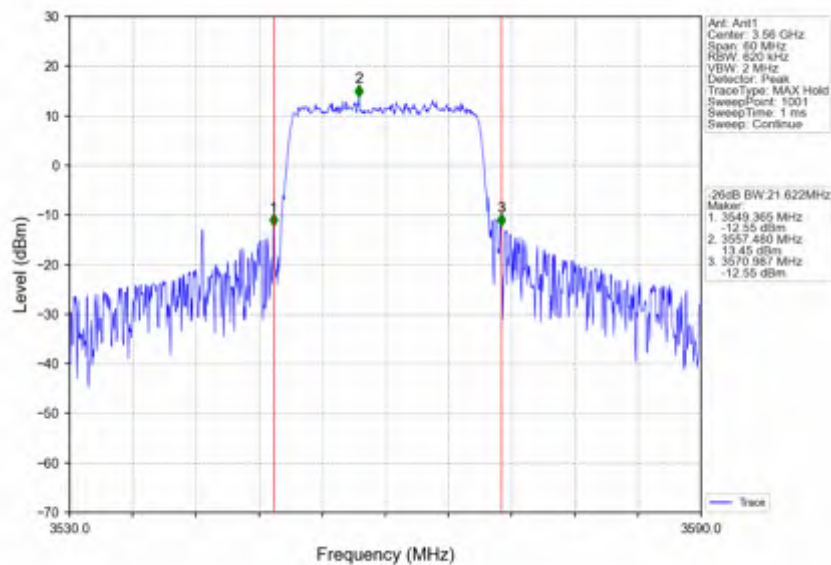
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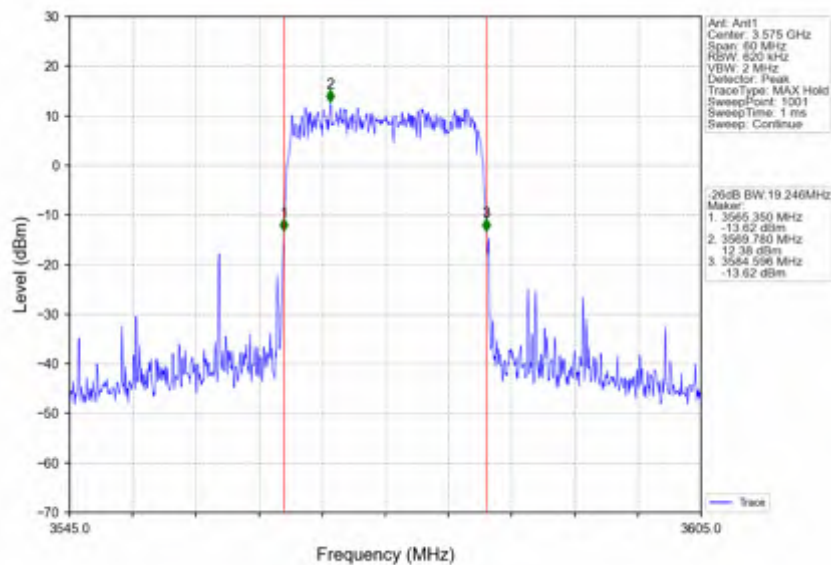
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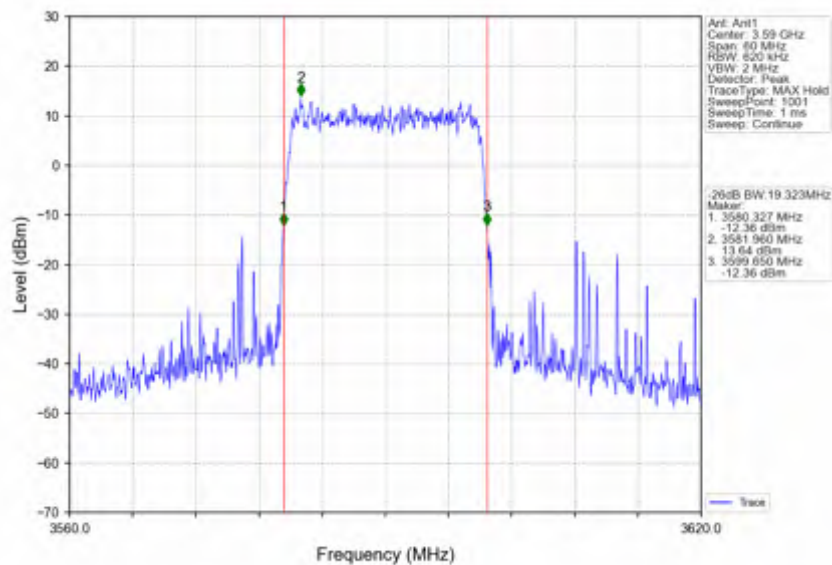
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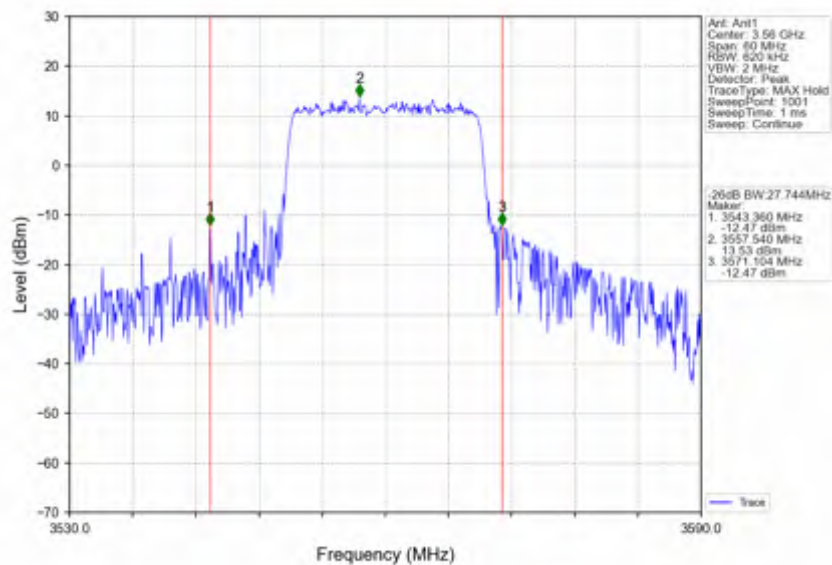
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Band42c 20MHz QPSK HCH 3590MHz RB 100 0 NTNv



Band42c 20MHz 16QAM LCH 3560MHz RB 100 0 NTNV

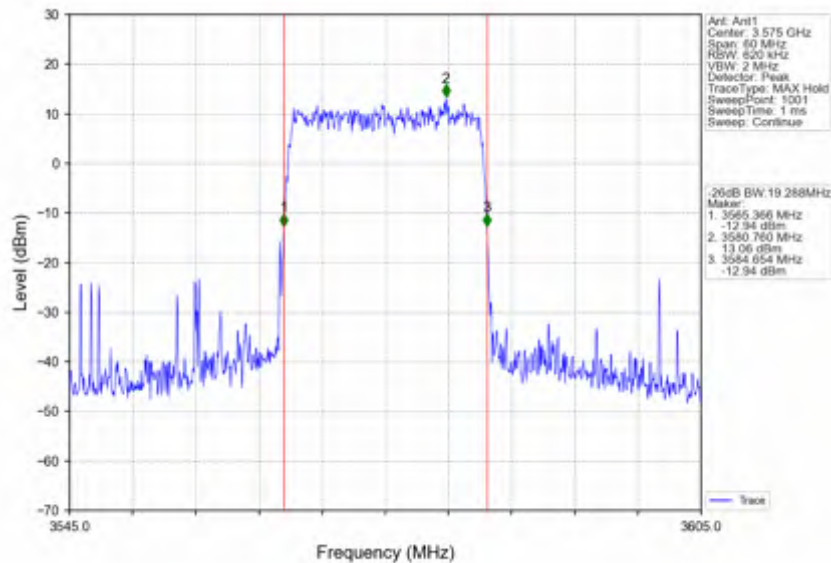


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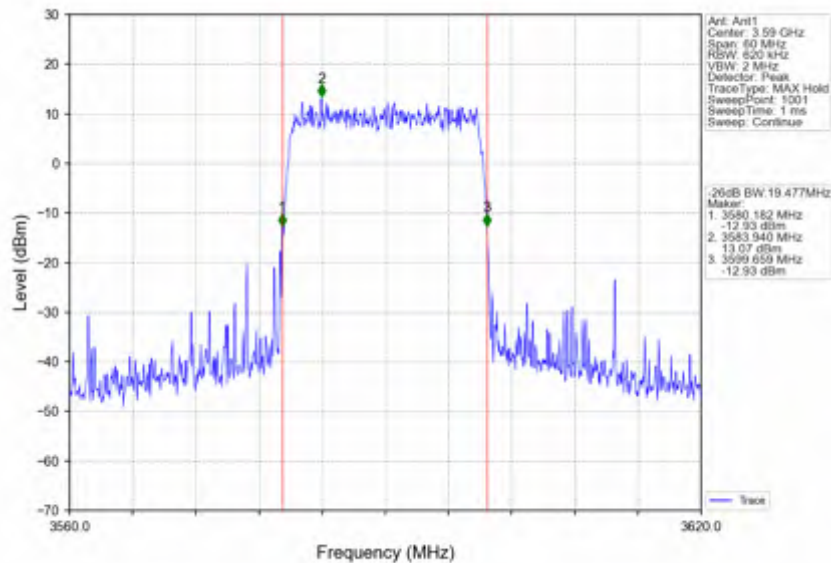
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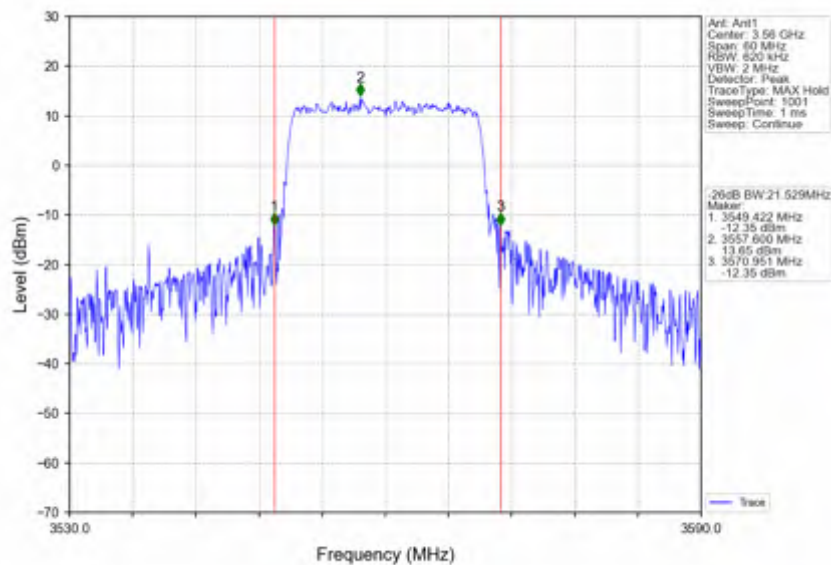
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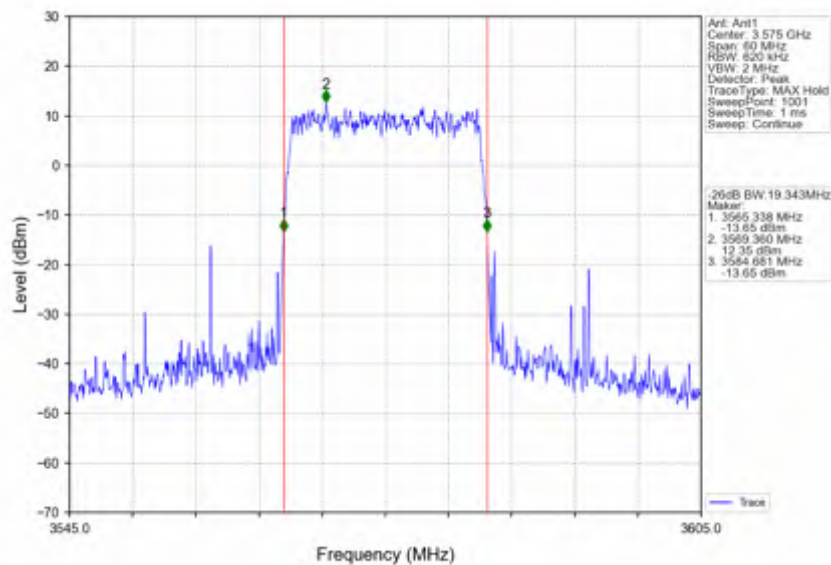
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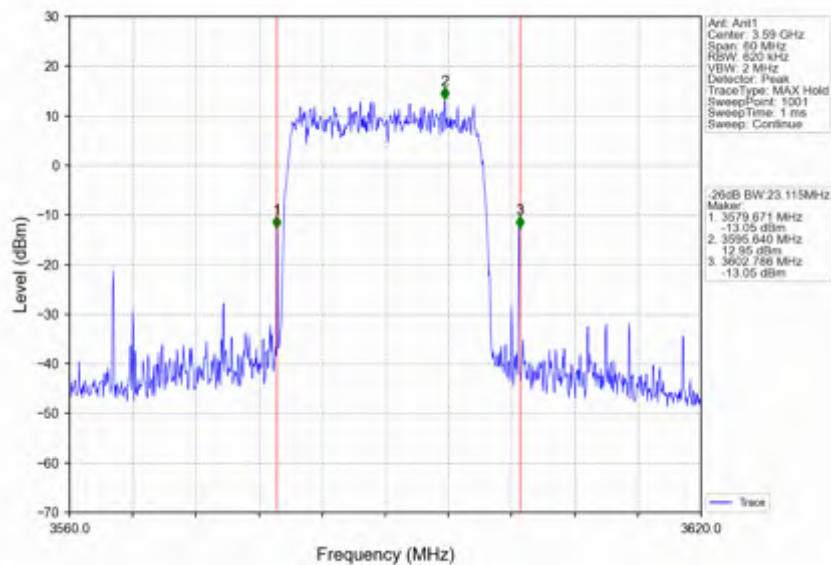
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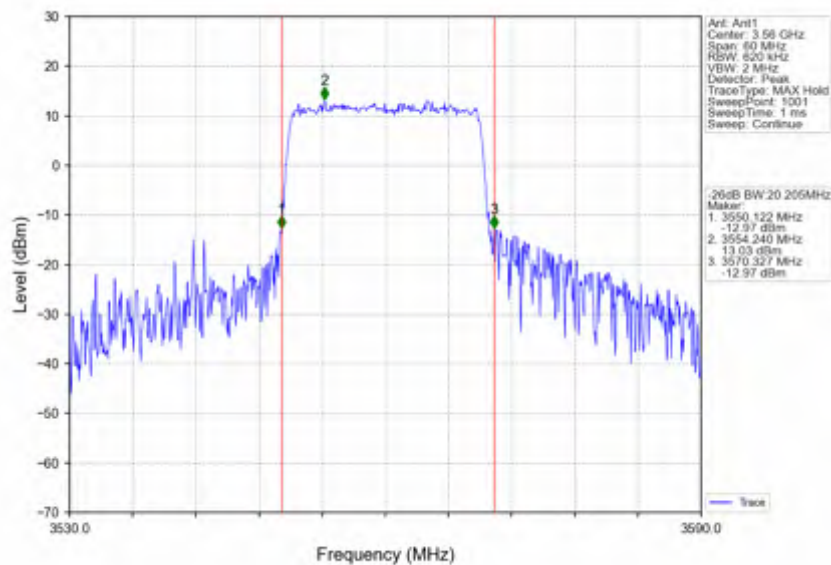
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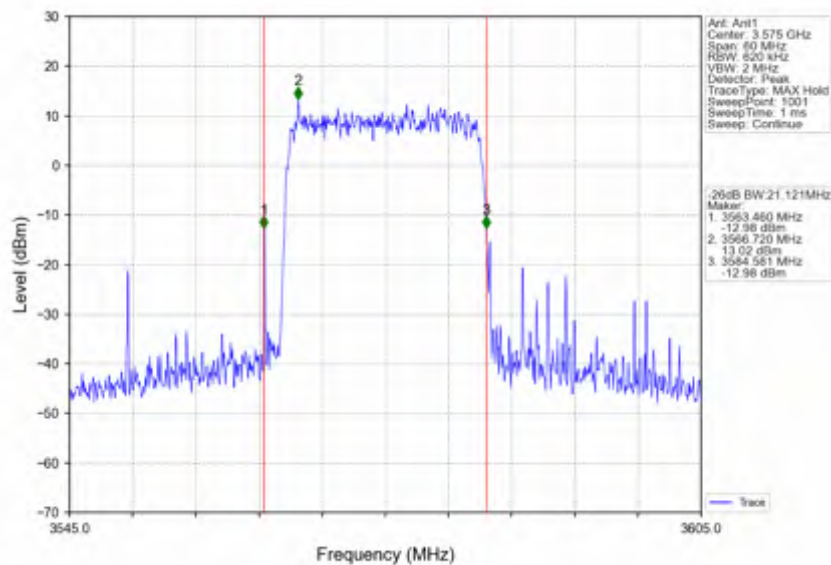
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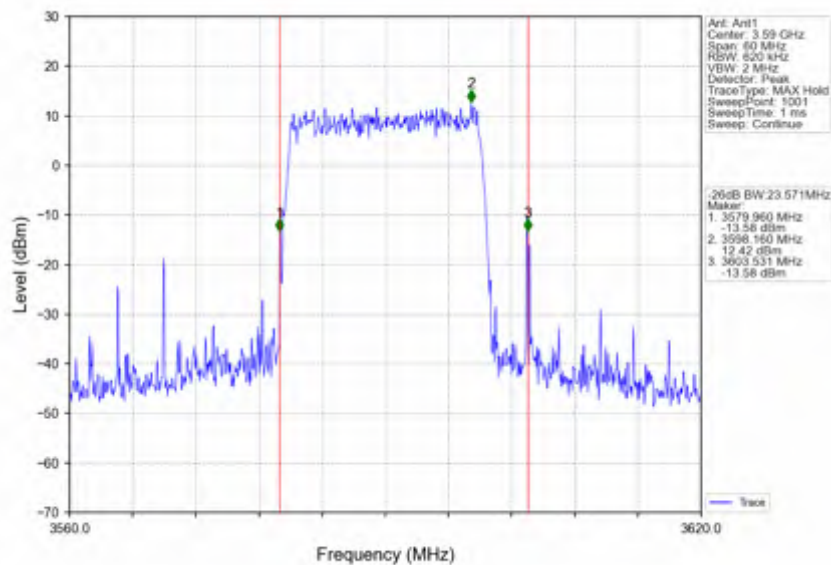
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Band42c_20MHz_256QAM_HCH_3590MHz_RB_100_0_NTNV



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13. 99% & 26dB Bandwidth

13.1 Band66_OBW

13.1.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.105	Pass
		1745	6	0	1.112	Pass
		1779.3	6	0	1.109	Pass
	16QAM	1710.7	6	0	1.113	Pass
		1745	6	0	1.109	Pass
		1779.3	6	0	1.112	Pass
	64QAM	1710.7	6	0	1.111	Pass
		1745	6	0	1.103	Pass
		1779.3	6	0	1.115	Pass
	256QAM	1710.7	6	0	1.101	Pass
		1745	6	0	1.105	Pass
		1779.3	6	0	1.115	Pass
3	QPSK	1711.5	15	0	2.730	Pass
		1745	15	0	2.725	Pass
		1778.5	15	0	2.718	Pass
	16QAM	1711.5	15	0	2.745	Pass
		1745	15	0	2.730	Pass
		1778.5	15	0	2.728	Pass
	64QAM	1711.5	15	0	2.738	Pass
		1745	15	0	2.732	Pass
		1778.5	15	0	2.725	Pass
	256QAM	1711.5	15	0	2.728	Pass
		1745	15	0	2.726	Pass
		1778.5	15	0	2.732	Pass
5	QPSK	1712.5	25	0	4.539	Pass
		1745	25	0	4.553	Pass
		1777.5	25	0	4.531	Pass
	16QAM	1712.5	25	0	4.549	Pass
		1745	25	0	4.540	Pass
		1777.5	25	0	4.533	Pass
	64QAM	1712.5	25	0	4.543	Pass
		1745	25	0	4.548	Pass
		1777.5	25	0	4.539	Pass
	256QAM	1712.5	25	0	4.557	Pass
		1745	25	0	4.547	Pass
		1777.5	25	0	4.559	Pass
10	QPSK	1715	50	0	9.060	Pass
		1745	50	0	9.059	Pass
		1775	50	0	9.041	Pass
	16QAM	1715	50	0	9.066	Pass
		1745	50	0	9.078	Pass
	64QAM	1775	50	0	9.042	Pass
		1715	50	0	9.036	Pass



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	256QAM	1745	50	0	9.079	Pass
		1775	50	0	9.043	Pass
		1715	50	0	9.065	Pass
		1745	50	0	9.066	Pass
		1775	50	0	9.097	Pass
15	QPSK	1717.5	75	0	13.592	Pass
		1745	75	0	13.604	Pass
		1772.5	75	0	13.584	Pass
	16QAM	1717.5	75	0	13.592	Pass
		1745	75	0	13.614	Pass
		1772.5	75	0	13.574	Pass
	64QAM	1717.5	75	0	13.566	Pass
		1745	75	0	13.573	Pass
		1772.5	75	0	13.638	Pass
	256QAM	1717.5	75	0	13.569	Pass
		1745	75	0	13.602	Pass
		1772.5	75	0	13.600	Pass
20	QPSK	1720	100	0	18.027	Pass
		1745	100	0	18.156	Pass
		1770	100	0	18.122	Pass
	16QAM	1720	100	0	18.033	Pass
		1745	100	0	18.159	Pass
		1770	100	0	18.101	Pass
	64QAM	1720	100	0	17.990	Pass
		1745	100	0	18.120	Pass
		1770	100	0	18.131	Pass
	256QAM	1720	100	0	18.100	Pass
		1745	100	0	18.160	Pass
		1770	100	0	18.077	Pass



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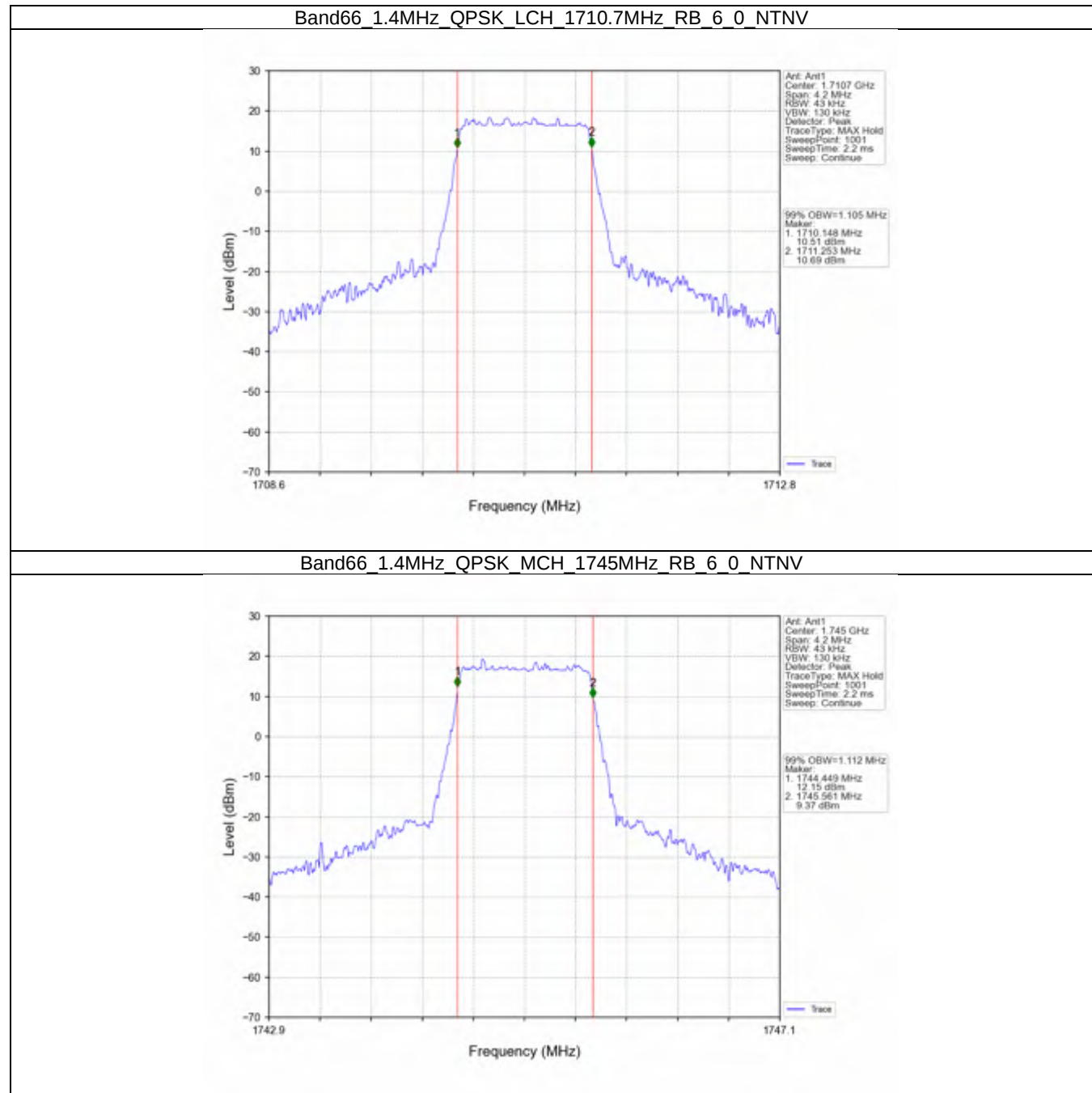
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13.1.2 Test Graph



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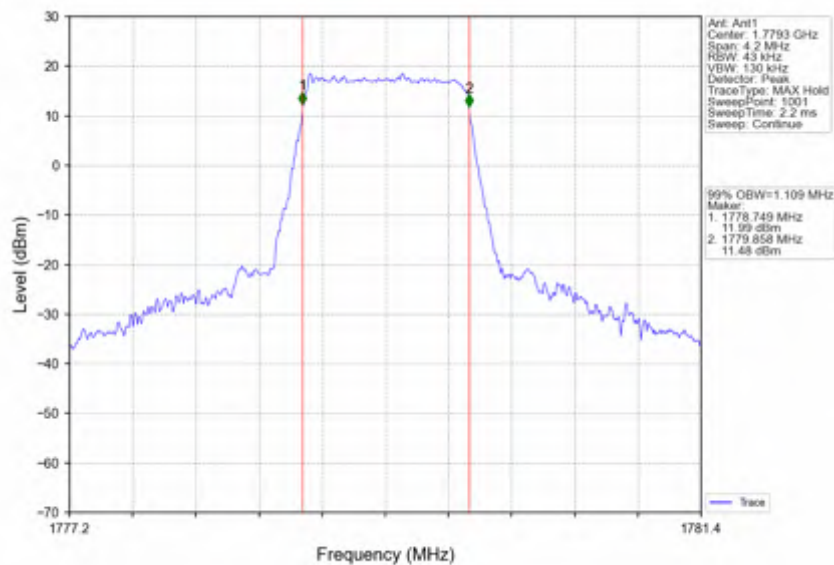
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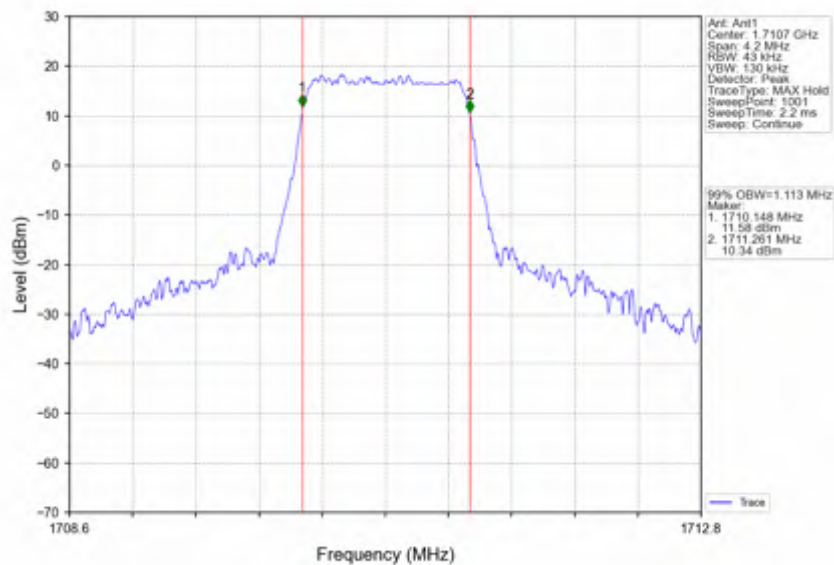
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Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



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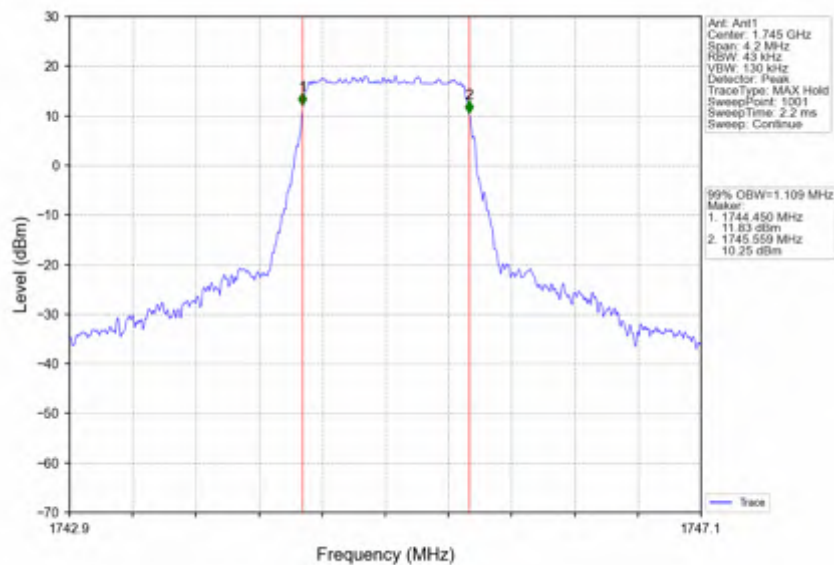
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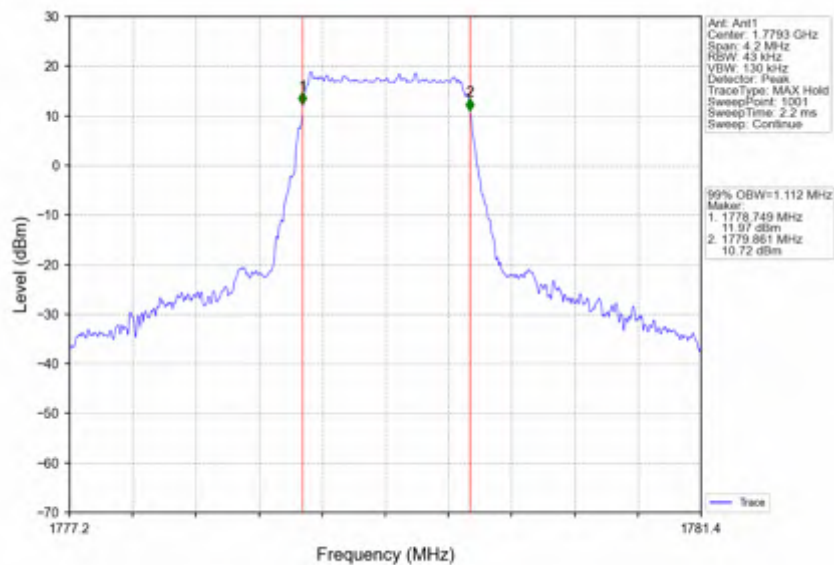
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Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



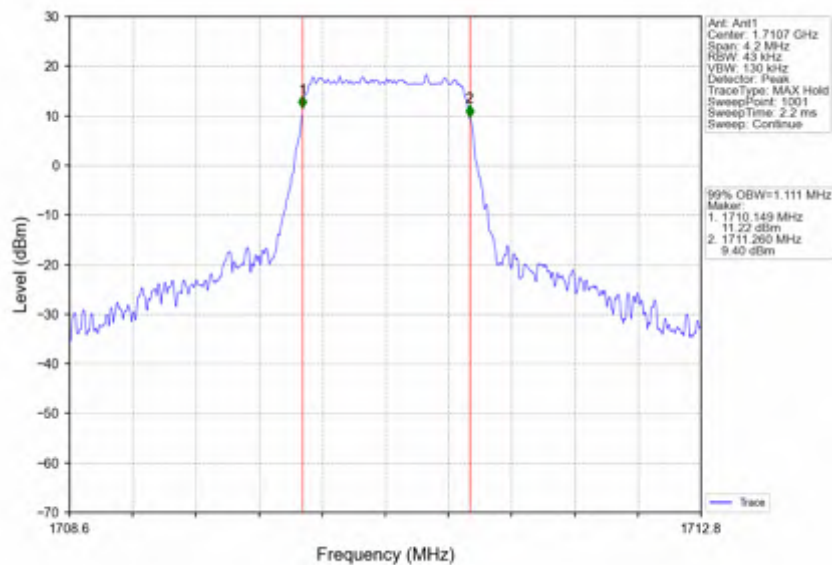
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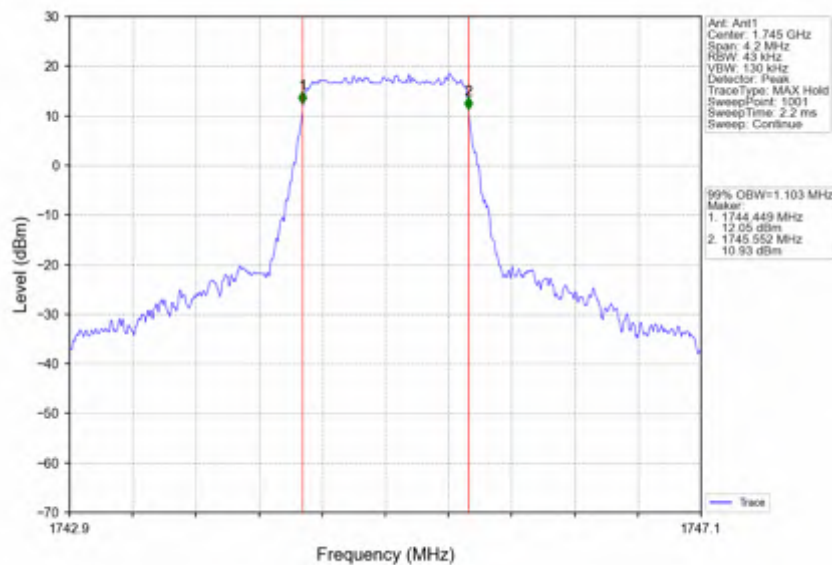
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Band66 1.4MHz 64QAM LCH 1710.7MHz RB 6 0 NTNv



Band66_1.4MHz_64QAM_MCH_1745MHz_RB_6_0_NTNV



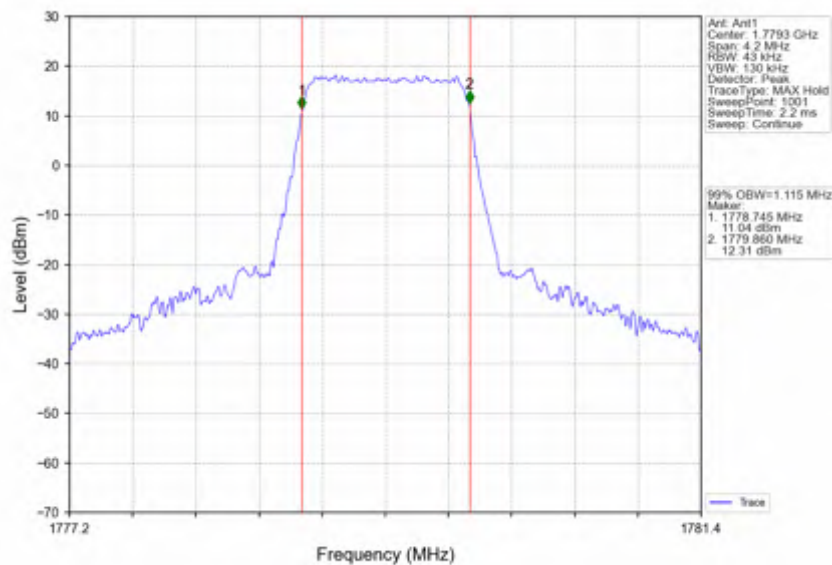
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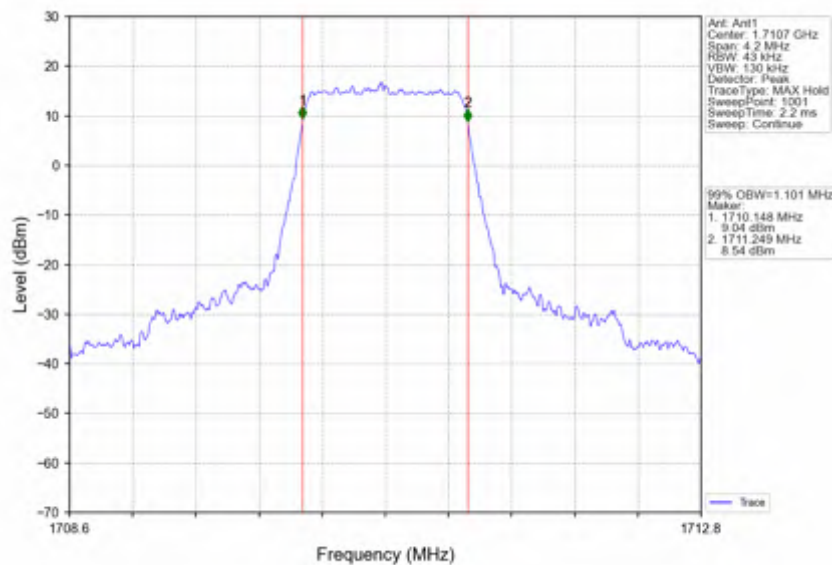
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Band66_1.4MHz_64QAM_HCH_1779.3MHz_RB_6_0_NTNV



Band66_1.4MHz_256QAM_LCH_1710.7MHz_RB_6_0_NTNV



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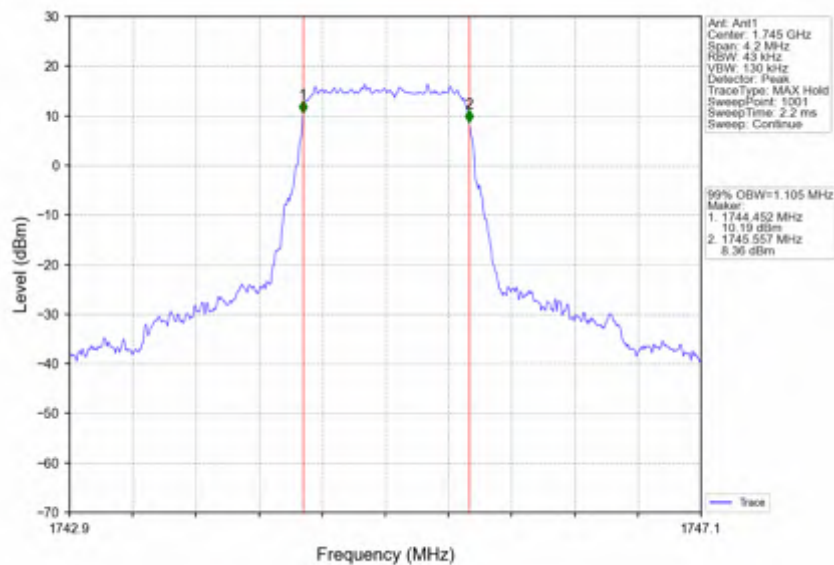
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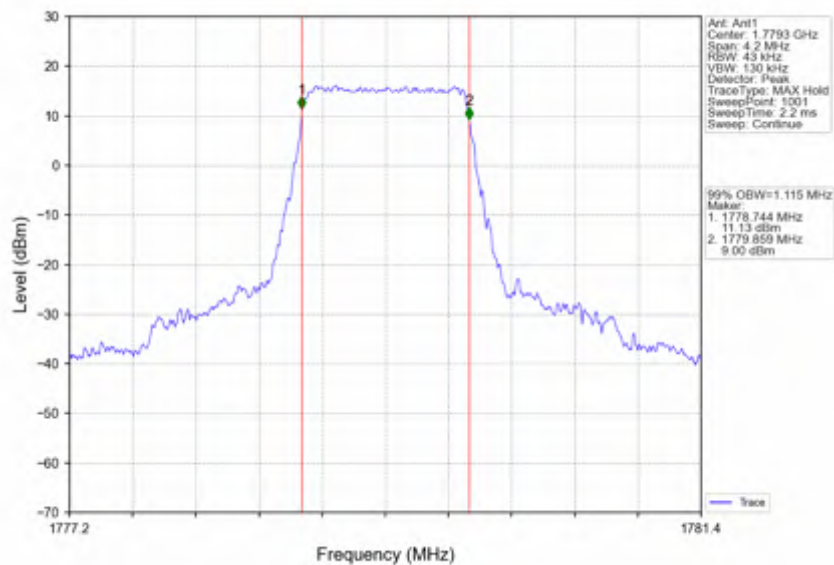
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Band66 1.4MHz 256QAM HCH 1779.3MHz RB 6 0 NTNV



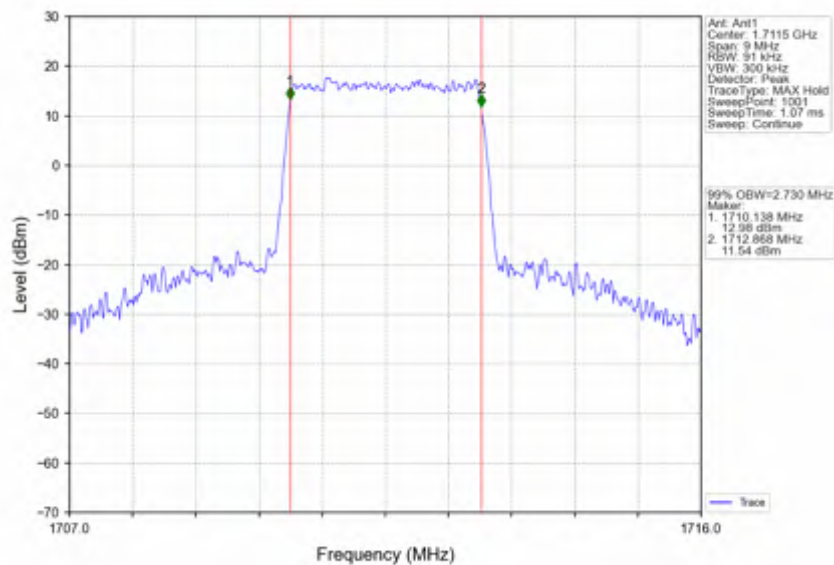
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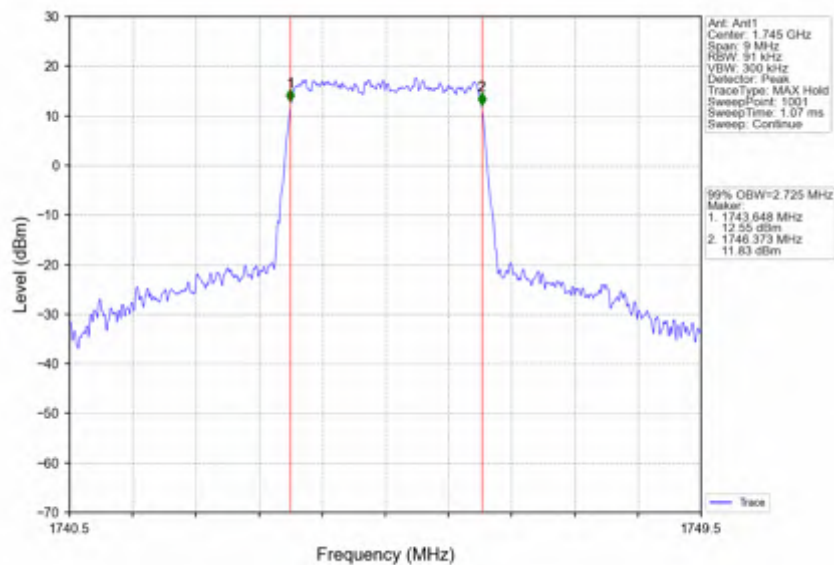
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Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



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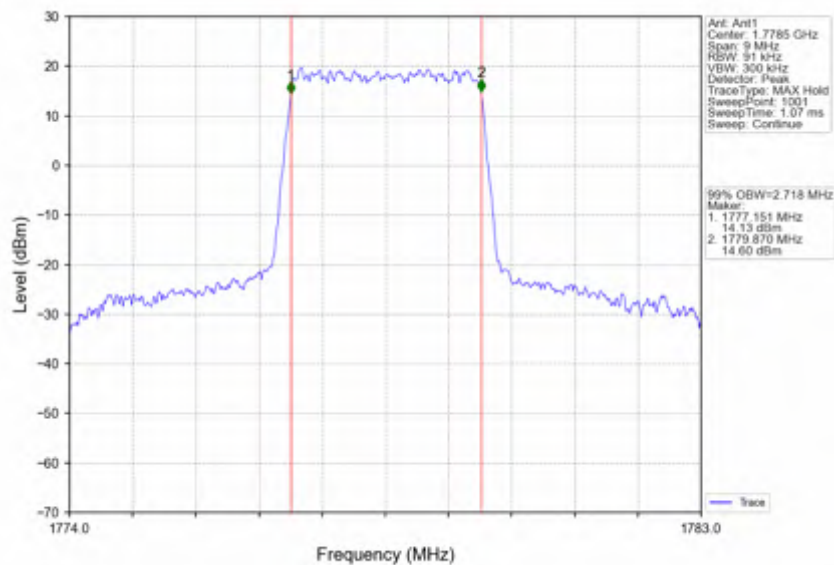
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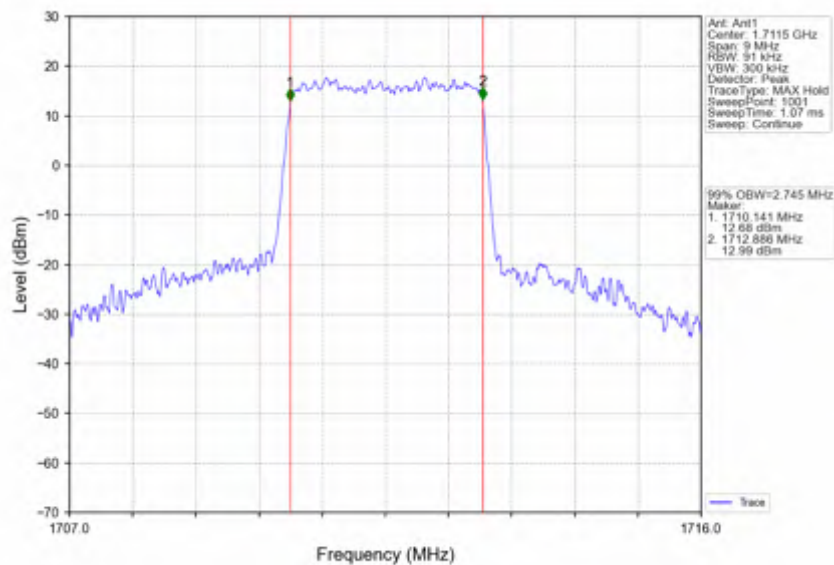
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Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



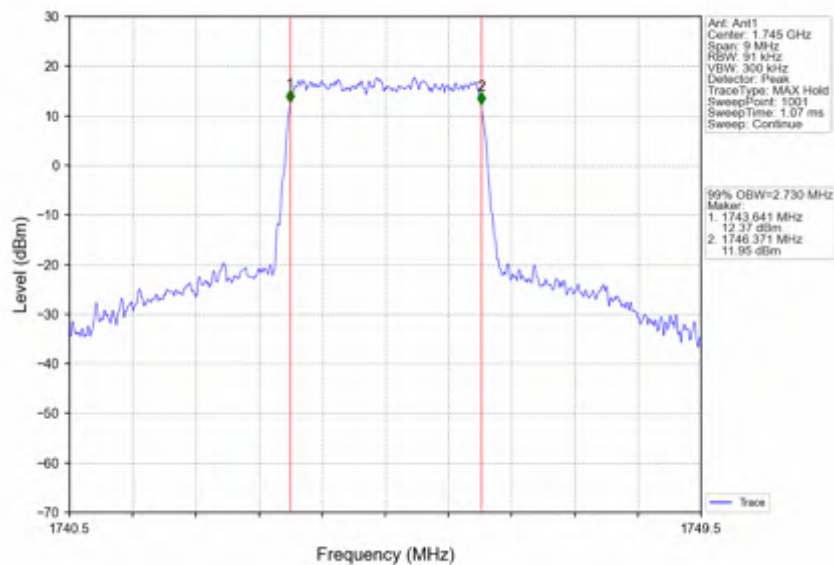
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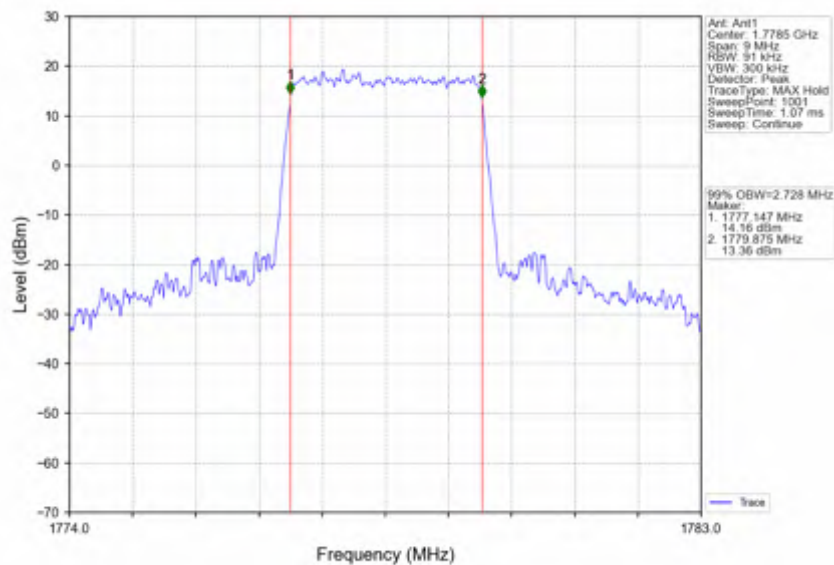
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Band66 3MHz 16QAM HCH 1778.5MHz RB 15 0 NTNV



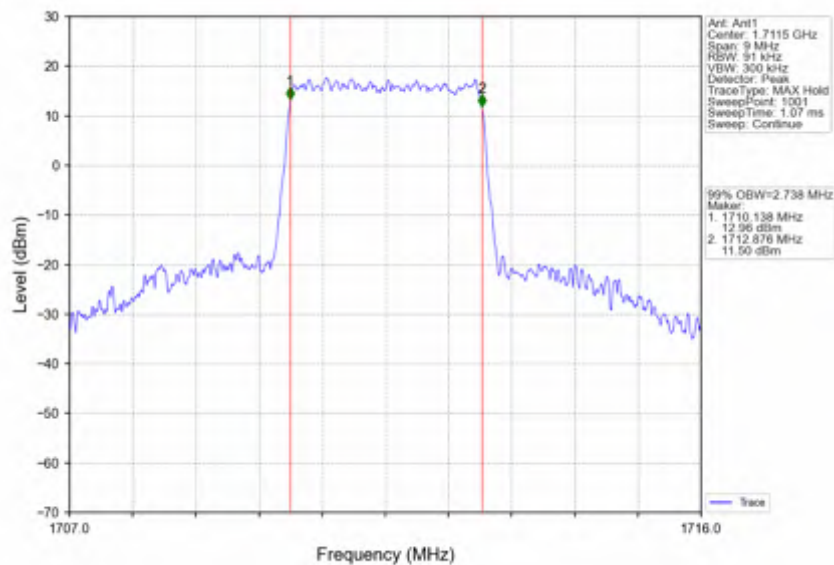
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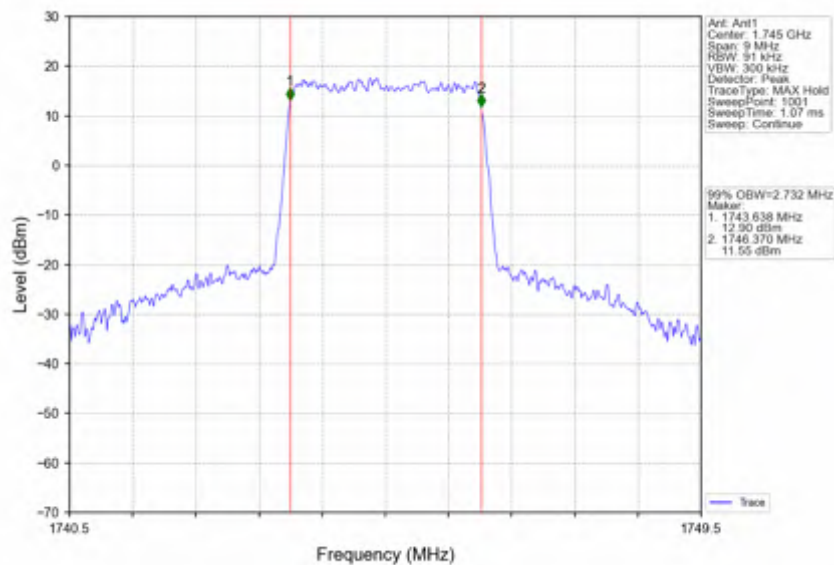
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Band66 3MHz 64QAM MCH 1745MHz RB 15 0 NTN



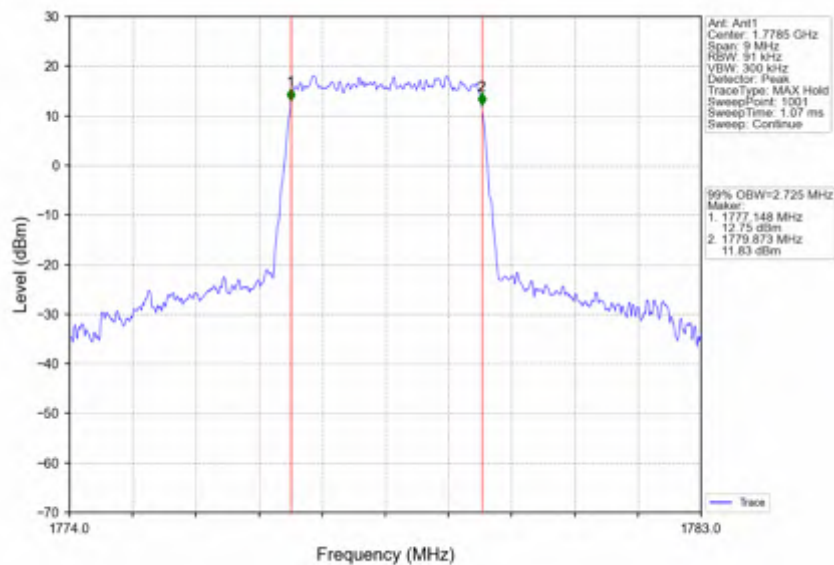
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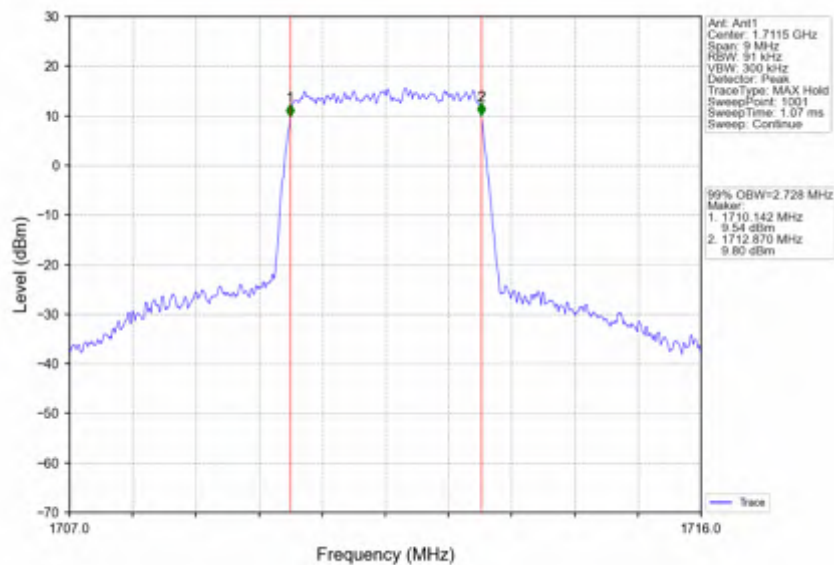
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Band66_3MHz_256QAM_LCH_1711.5MHz_RB_15_0_NTNV



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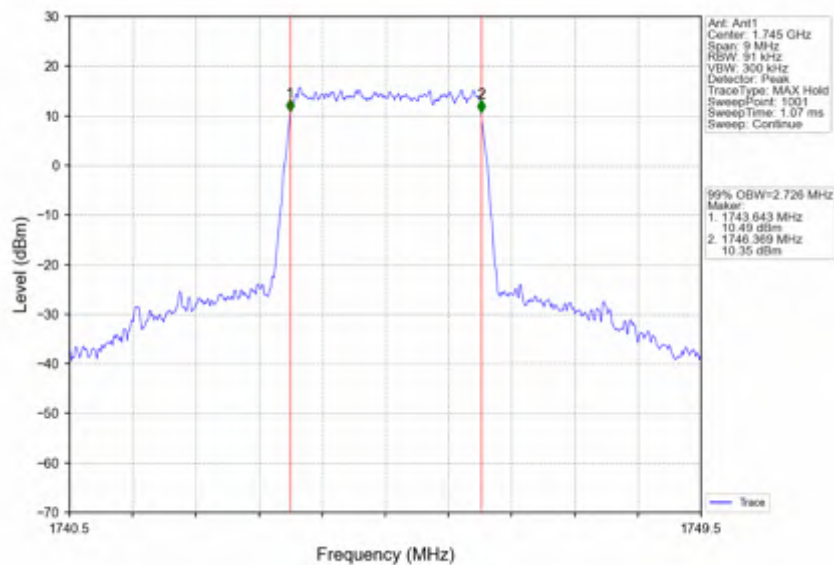
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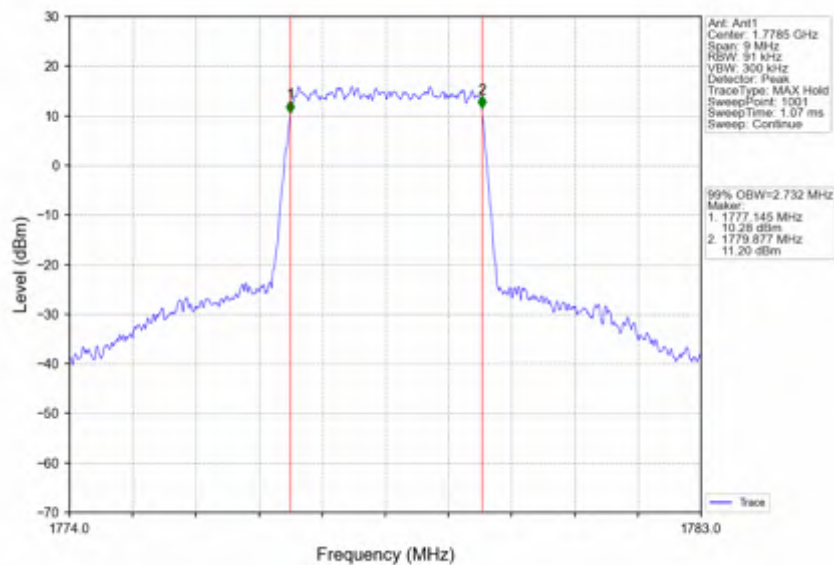
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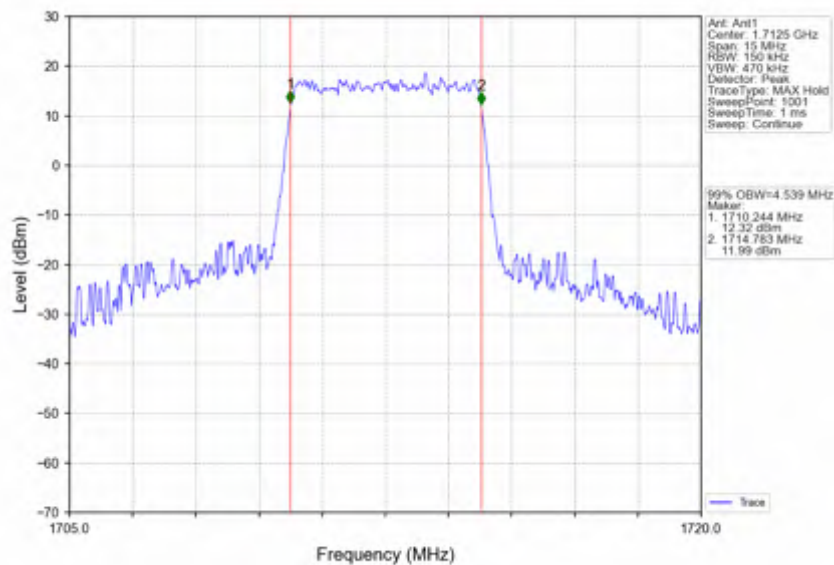
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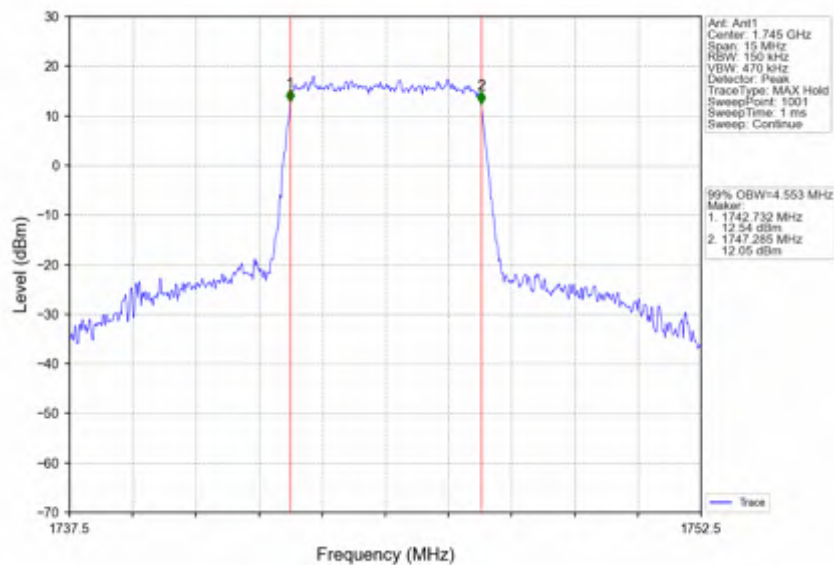
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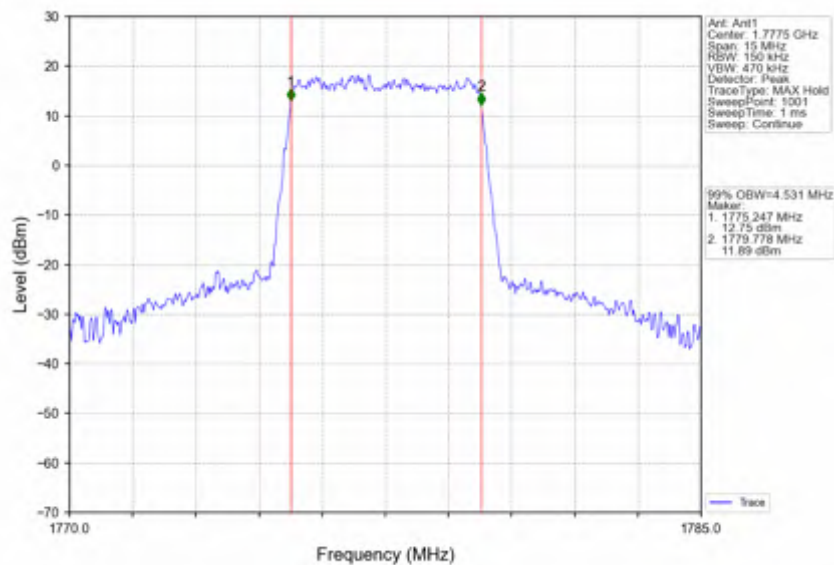
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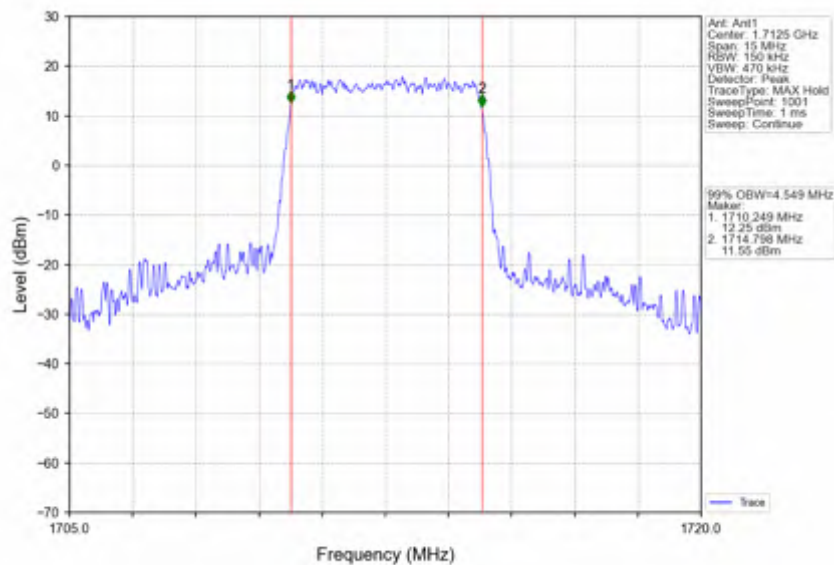
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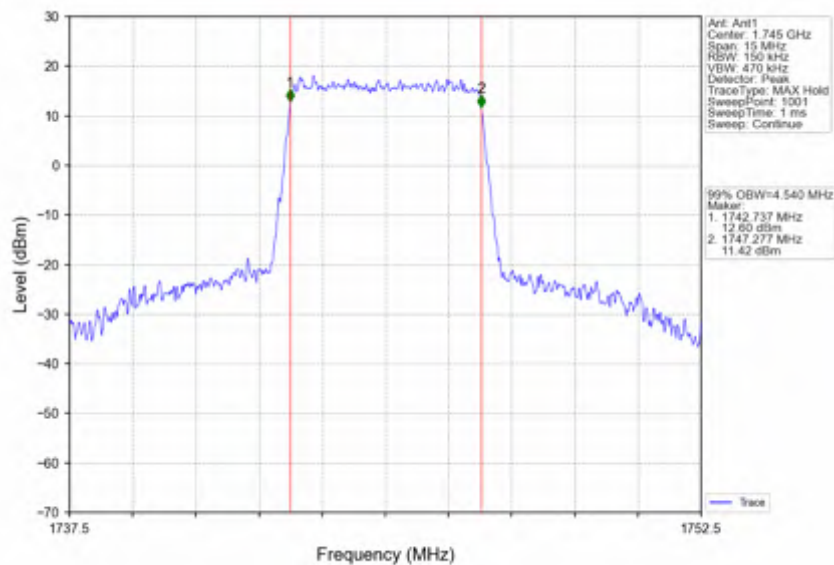
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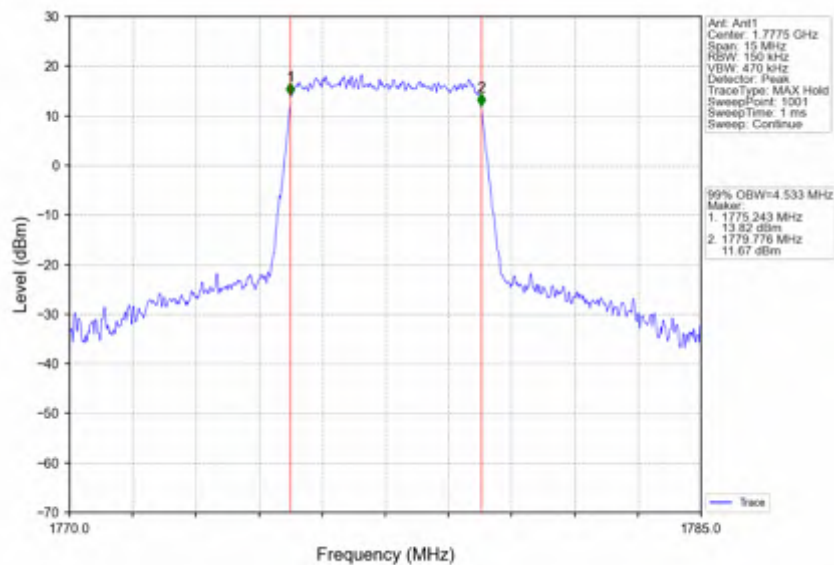
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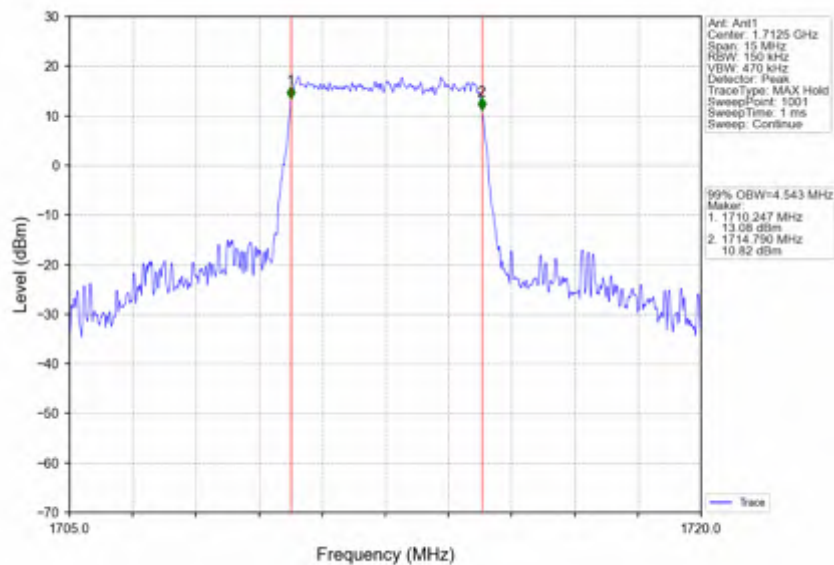
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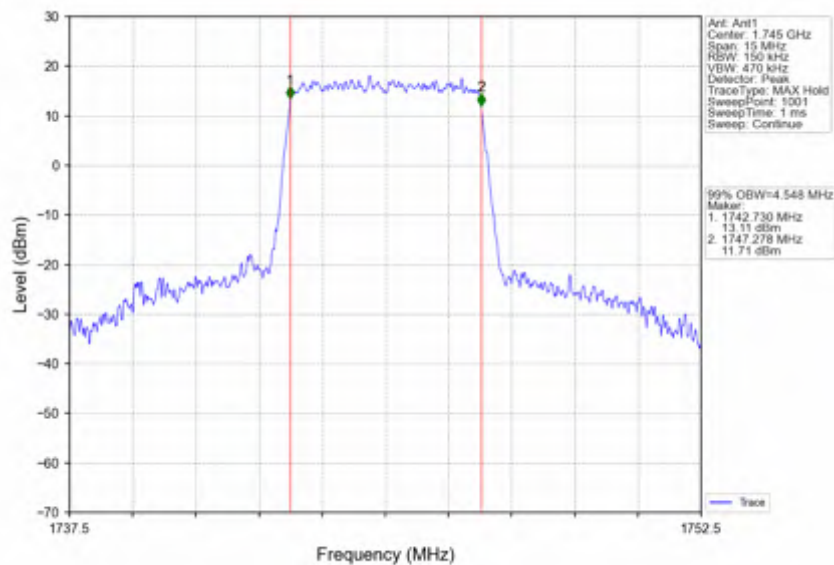
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Band66_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



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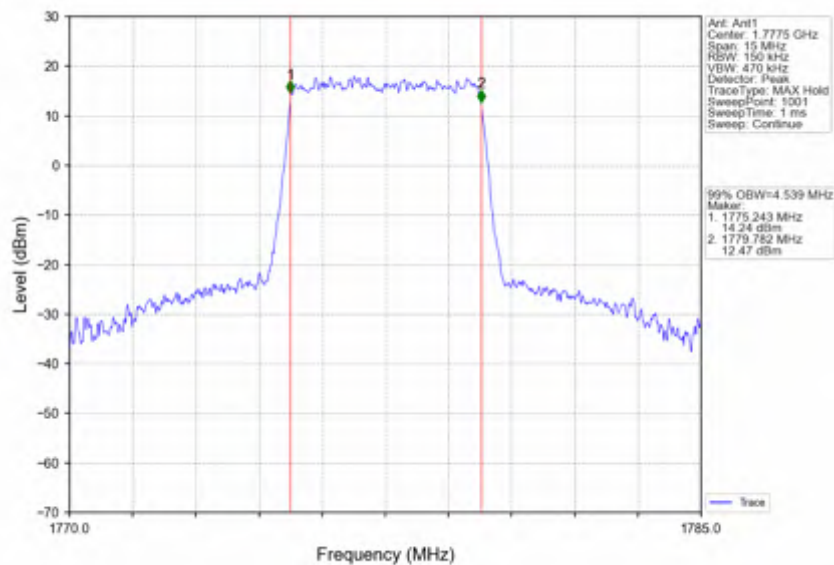
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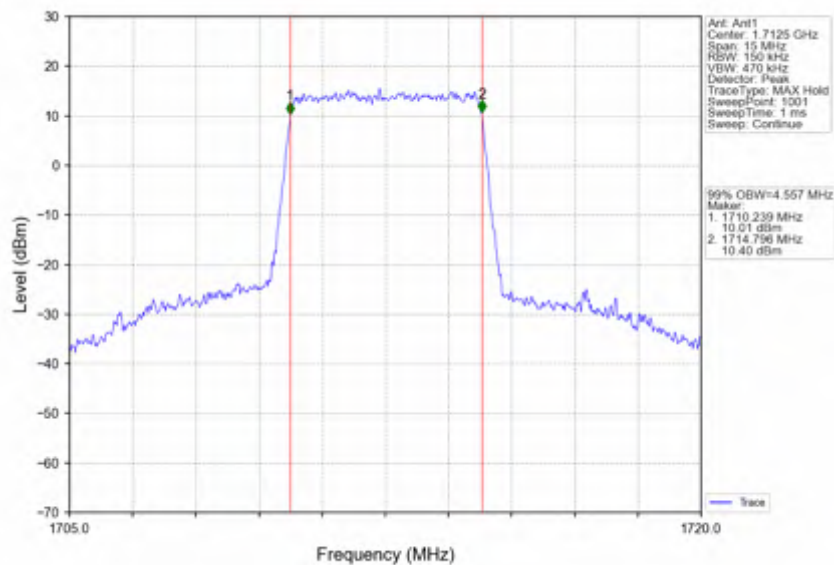
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Band66 5MHz 64QAM HCH 1777.5MHz RB 25 0 NTNV



Band66 5MHz 256QAM LCH 1712.5MHz RB 25 0 NTNv

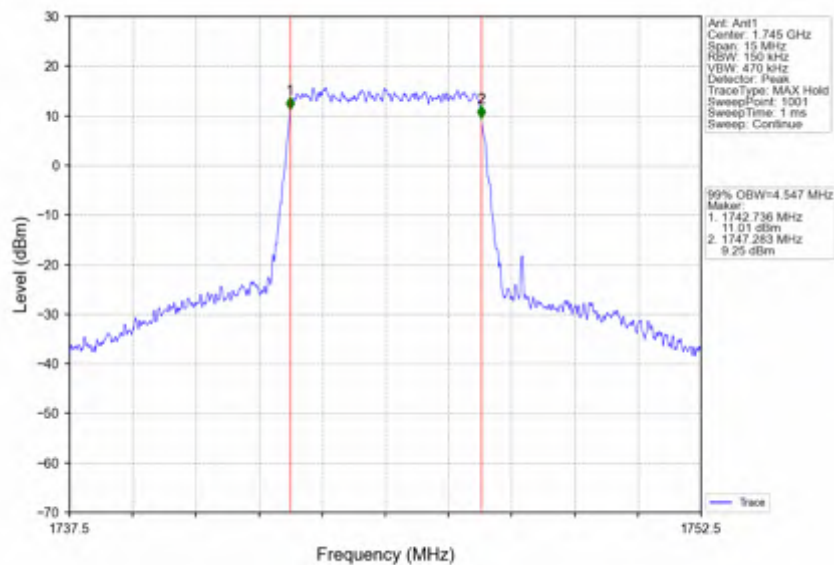


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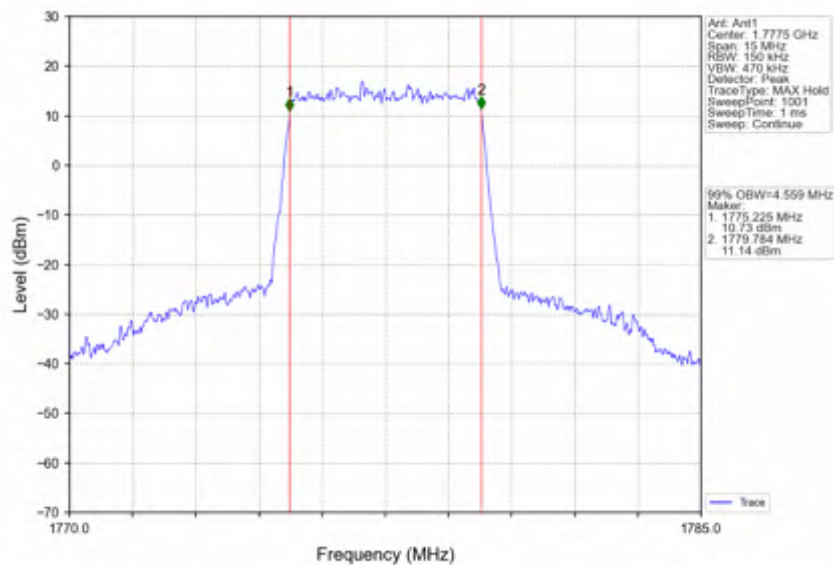
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Band66_5MHz_256QAM_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_256QAM_HCH_1777.5MHz_RB_25_0_NTNV

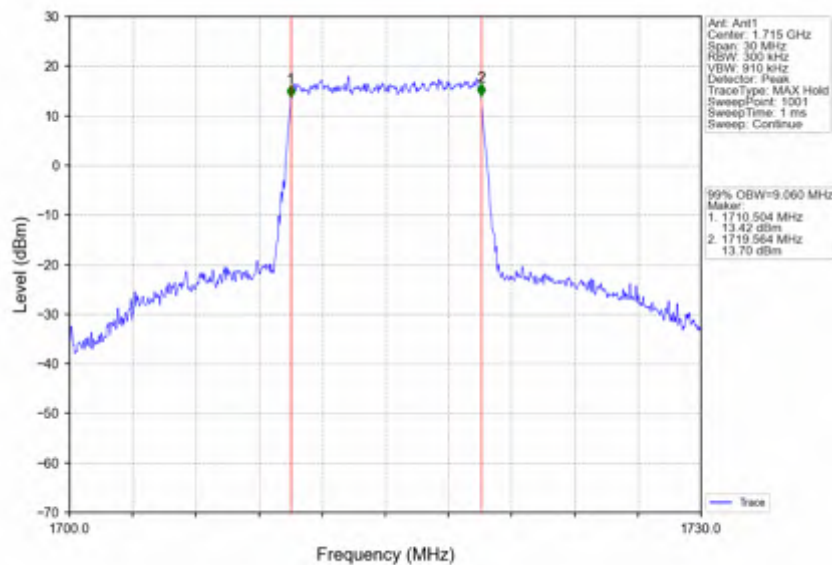


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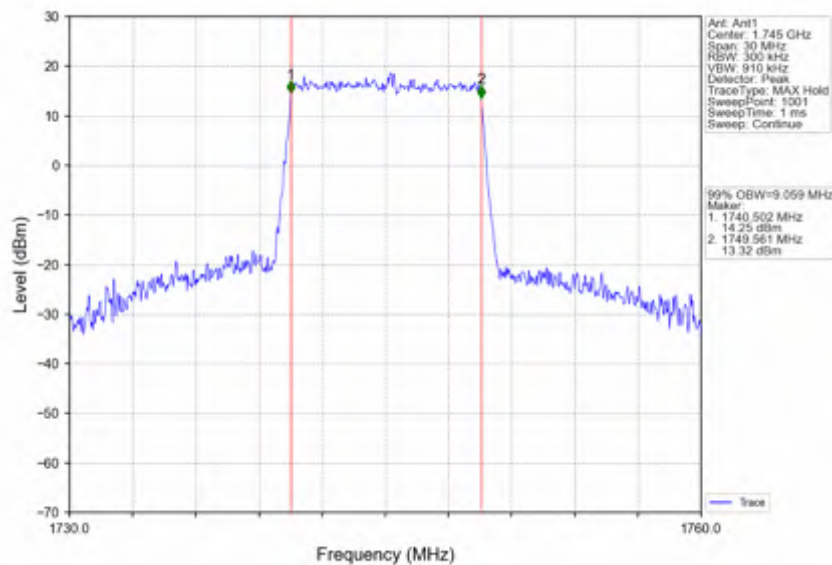
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Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



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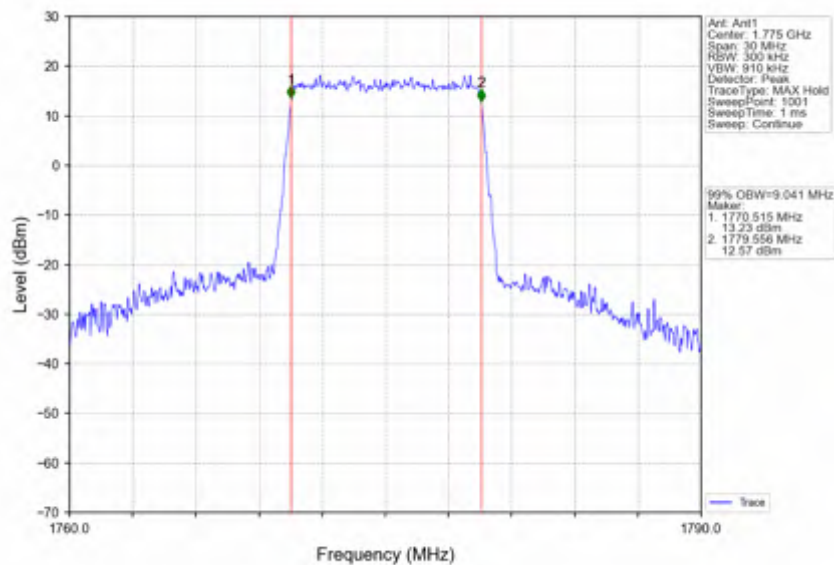
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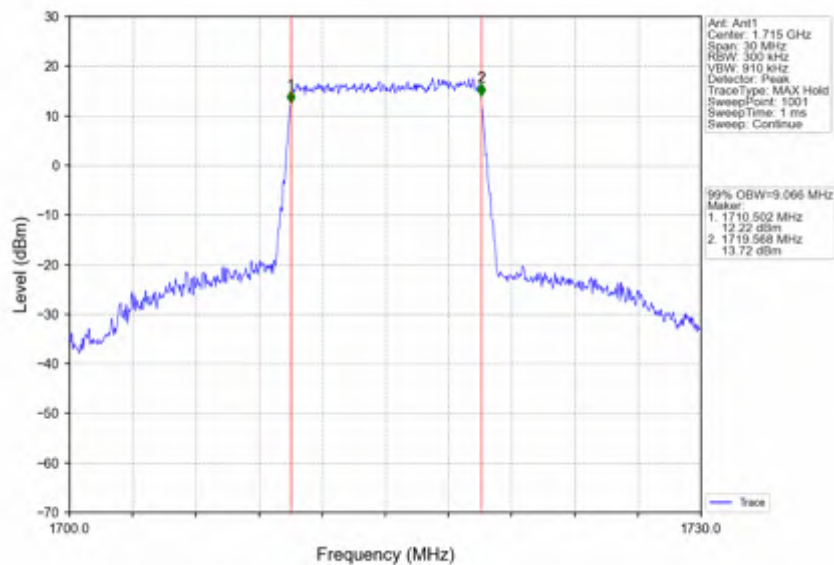
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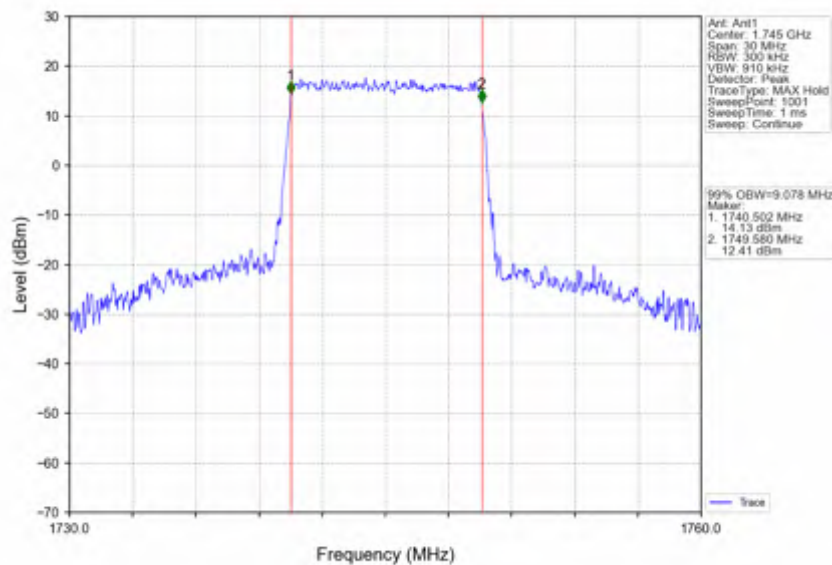
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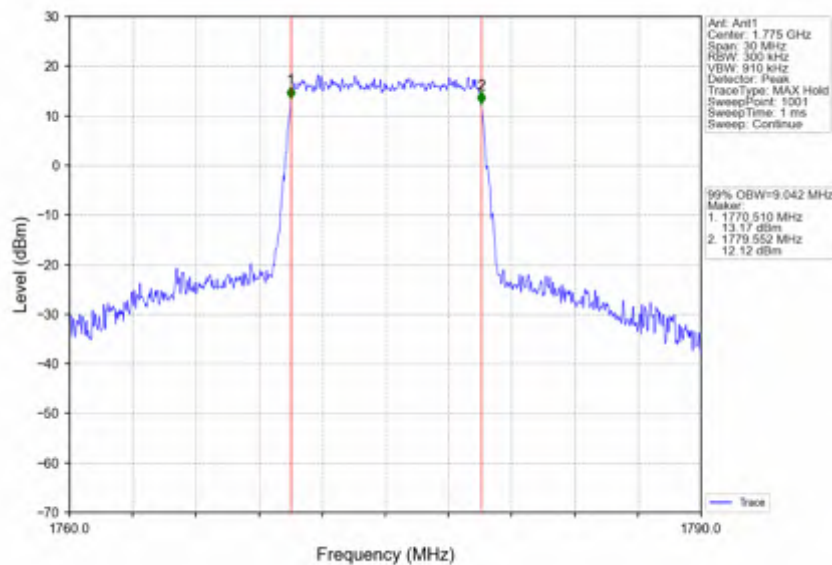
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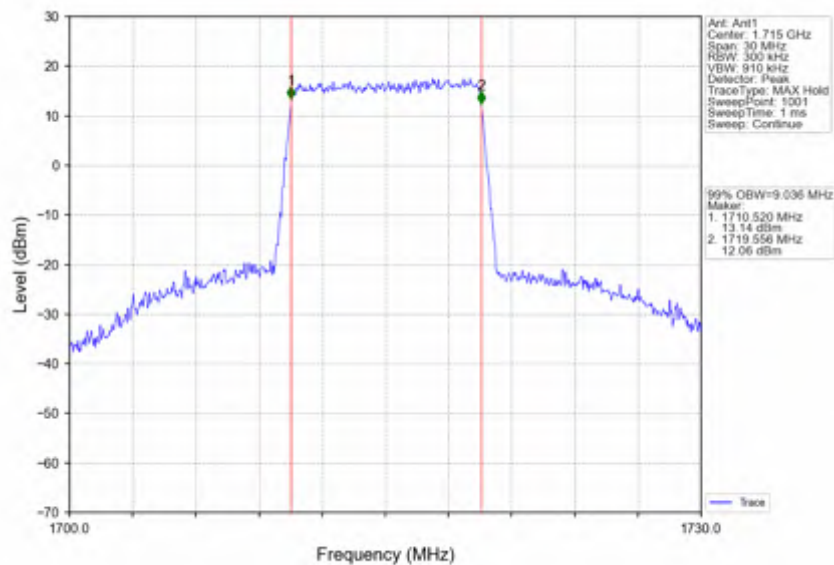
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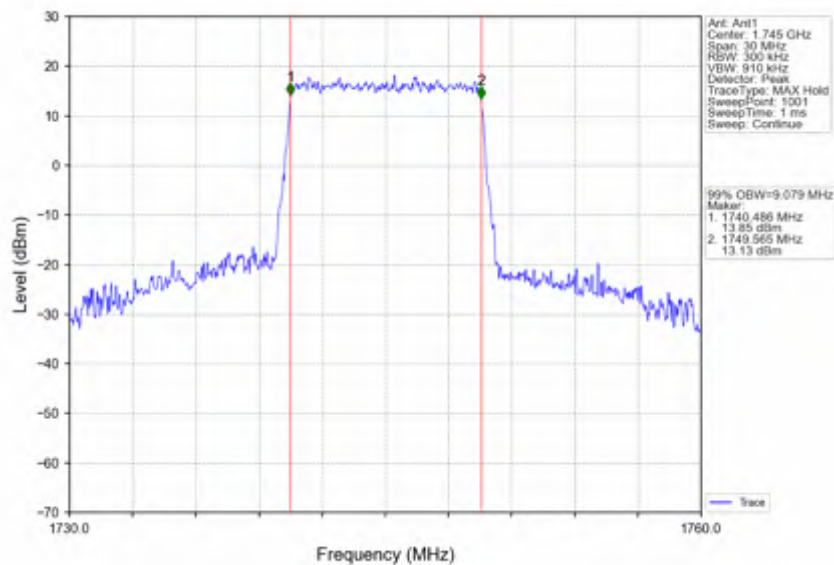
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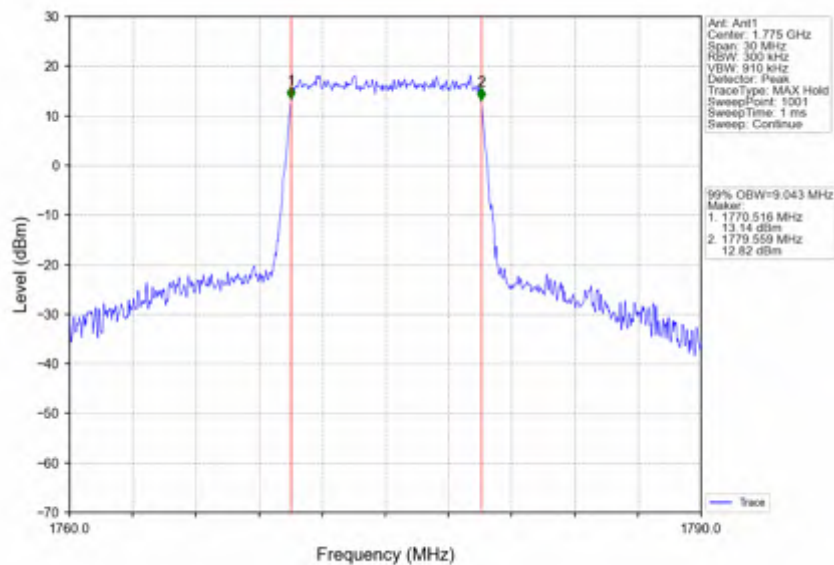
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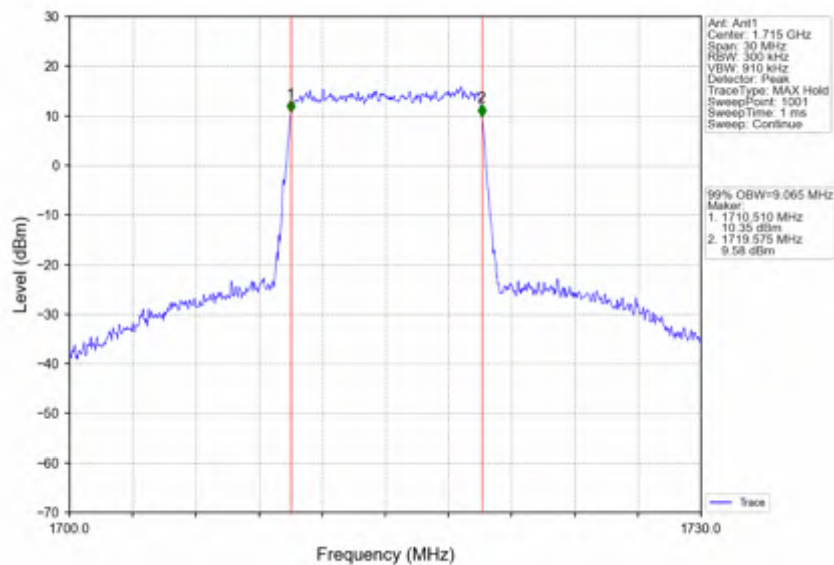
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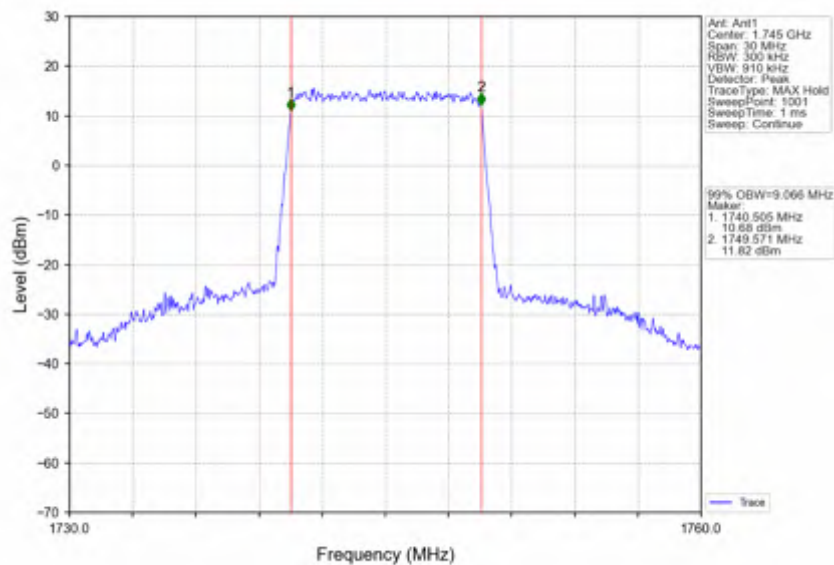
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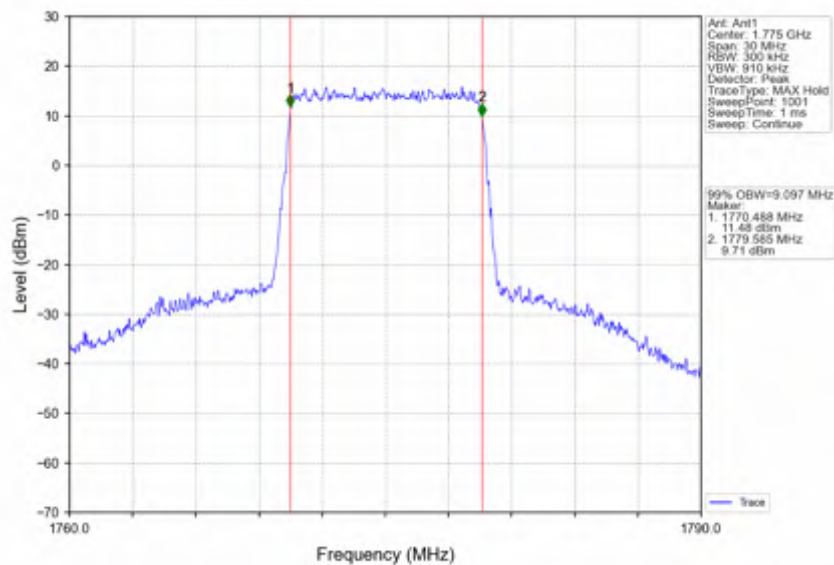
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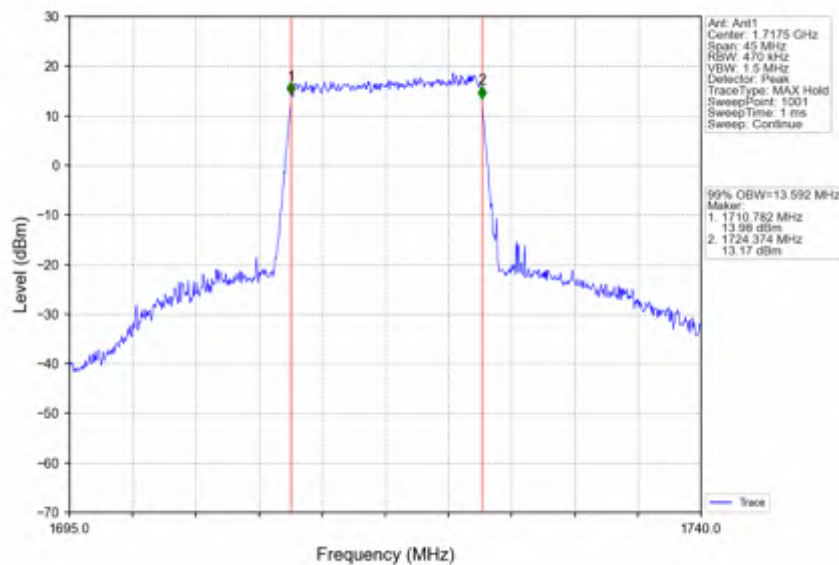


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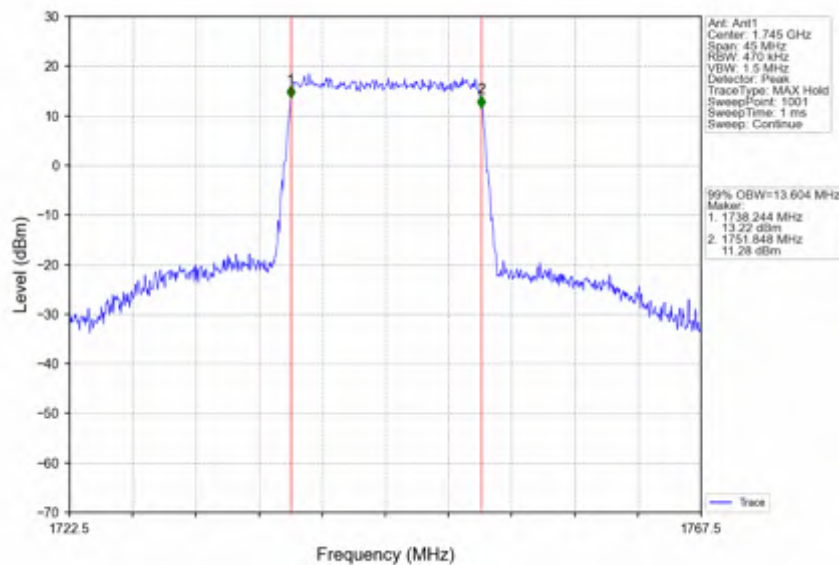
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Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



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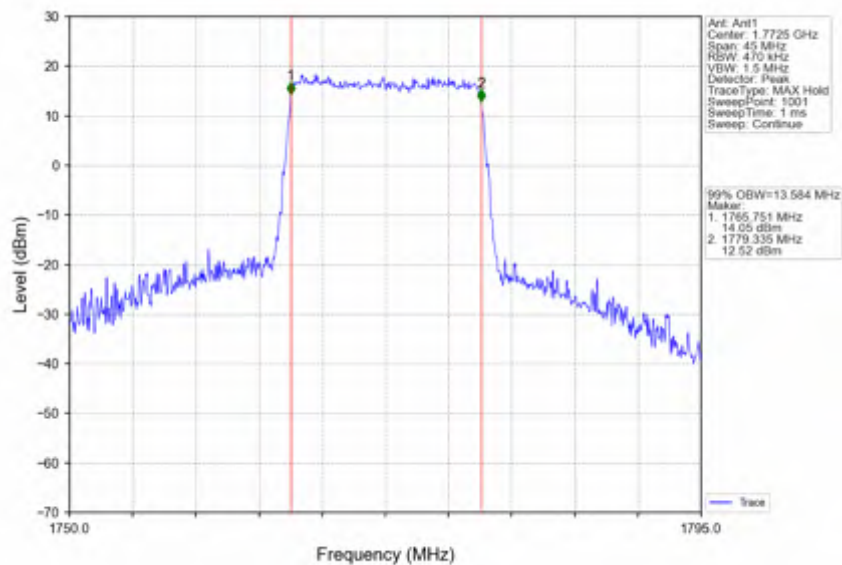
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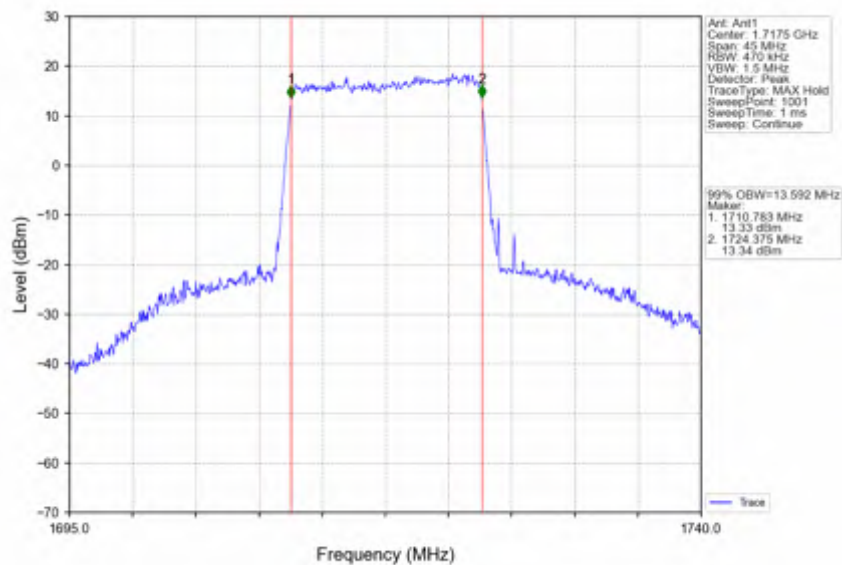
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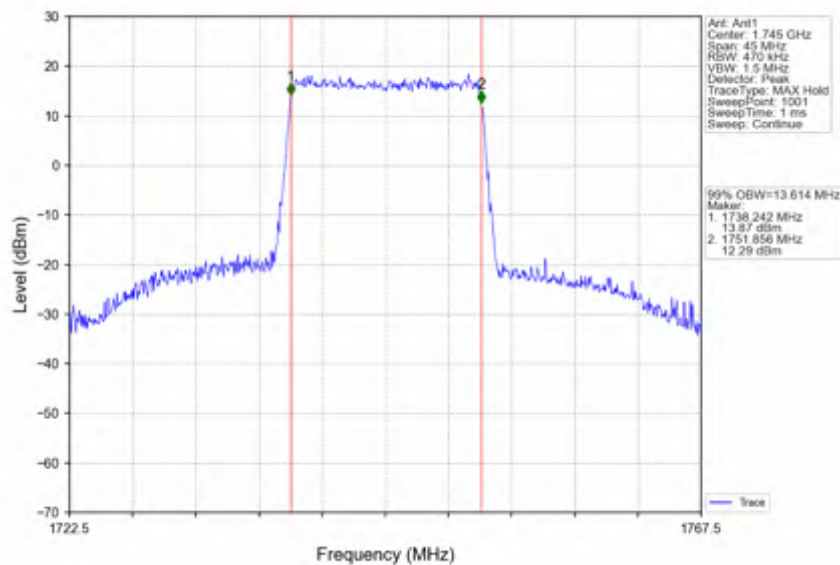
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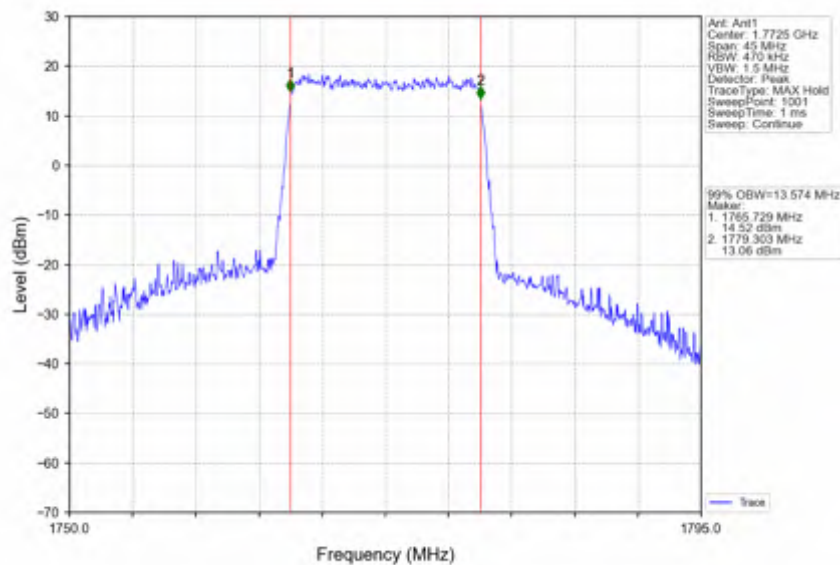
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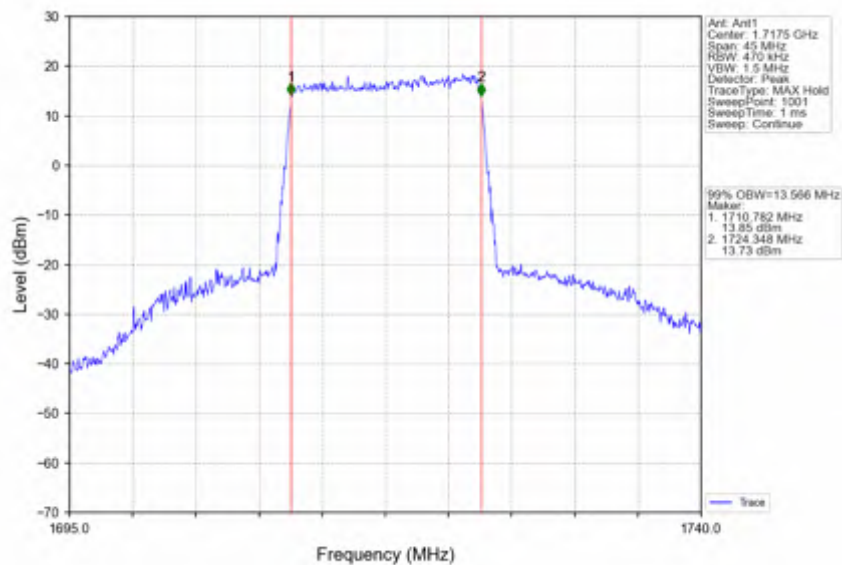
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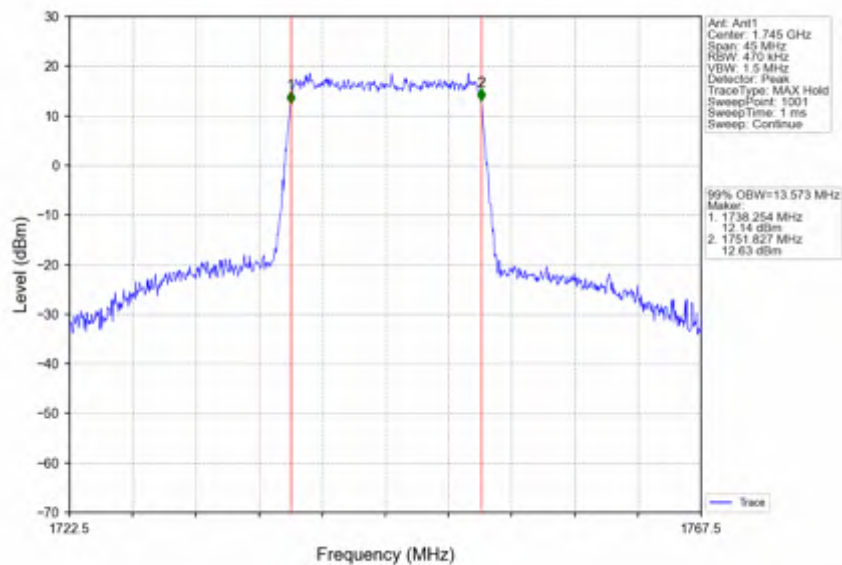
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Band66_15MHz_64QAM_MCH_1745MHz_RB_75_0_NTNV



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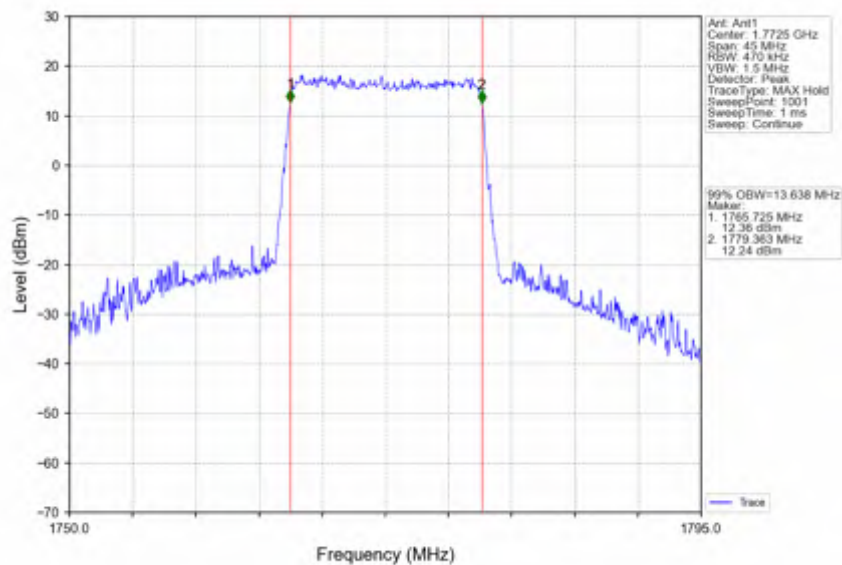
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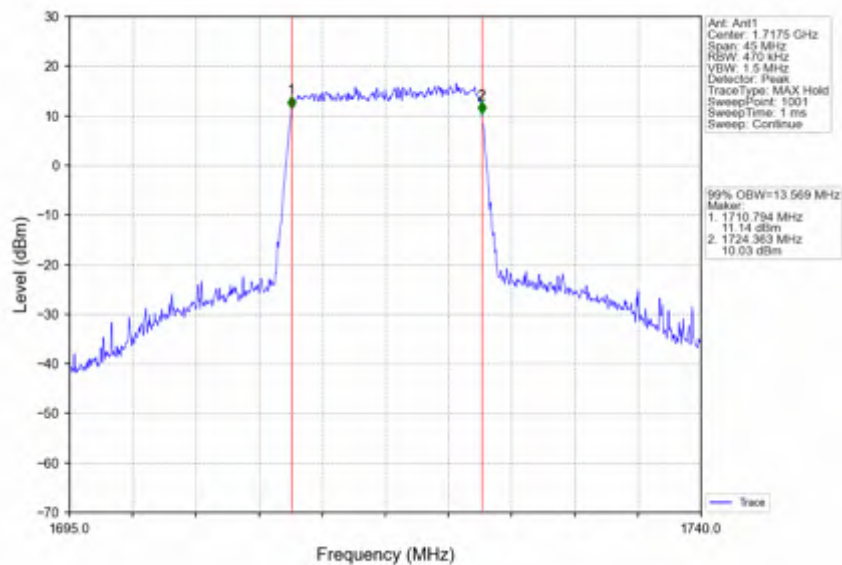
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Band66_15MHz_64QAM_HCH_1772.5MHz_RB_75_0_NTNV



Band66_15MHz_256QAM_LCH_1717.5MHz_RB_75_0_NTNV



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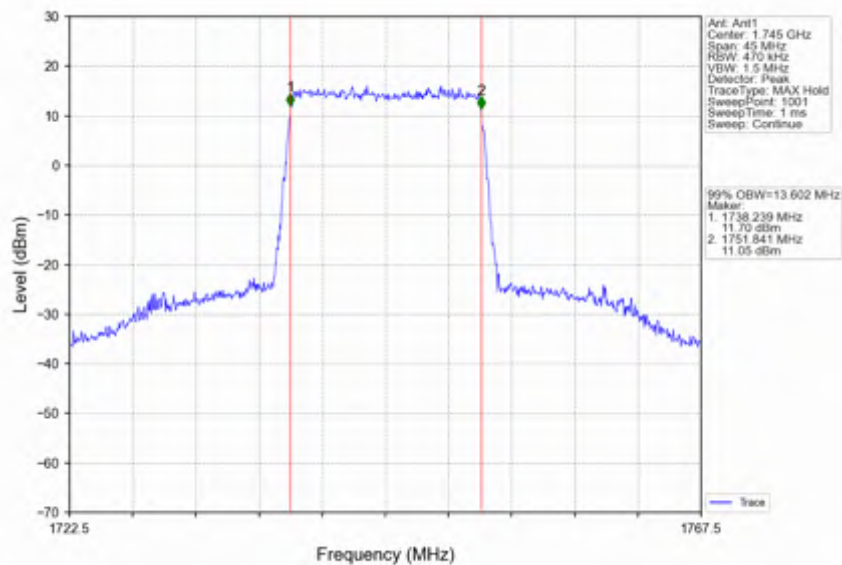
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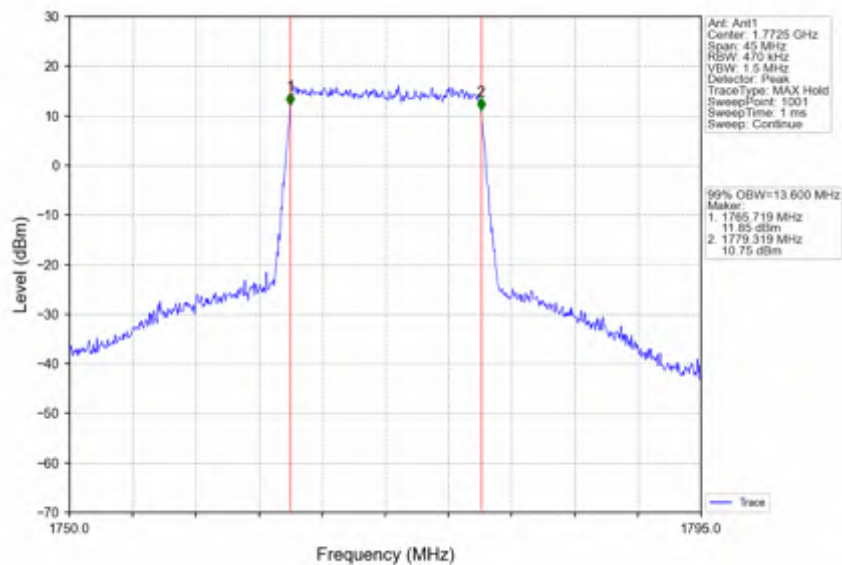
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Band66_15MHz_256QAM_HCH_1772.5MHz_RB_75_0_NTNV



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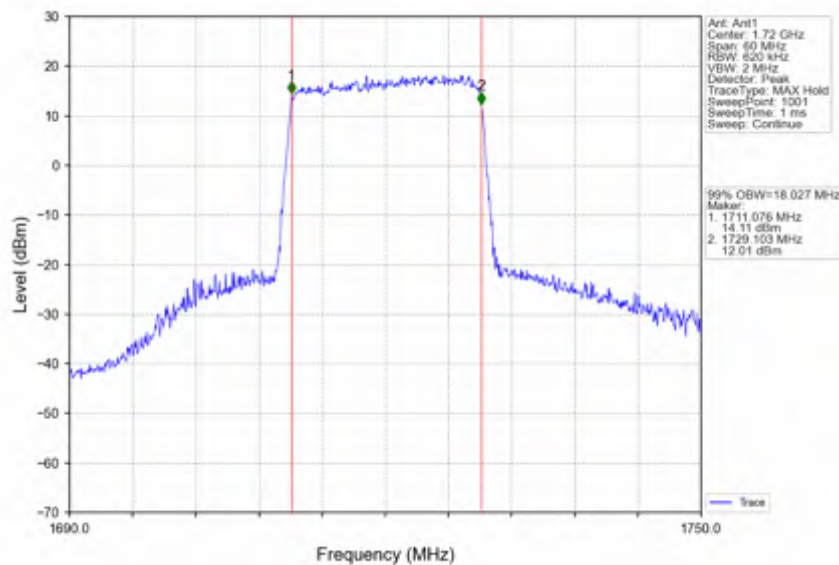
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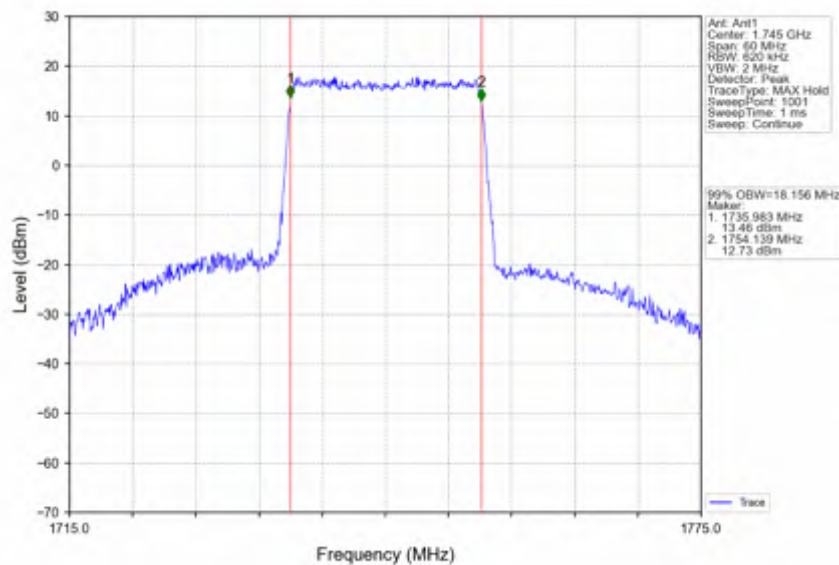
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Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



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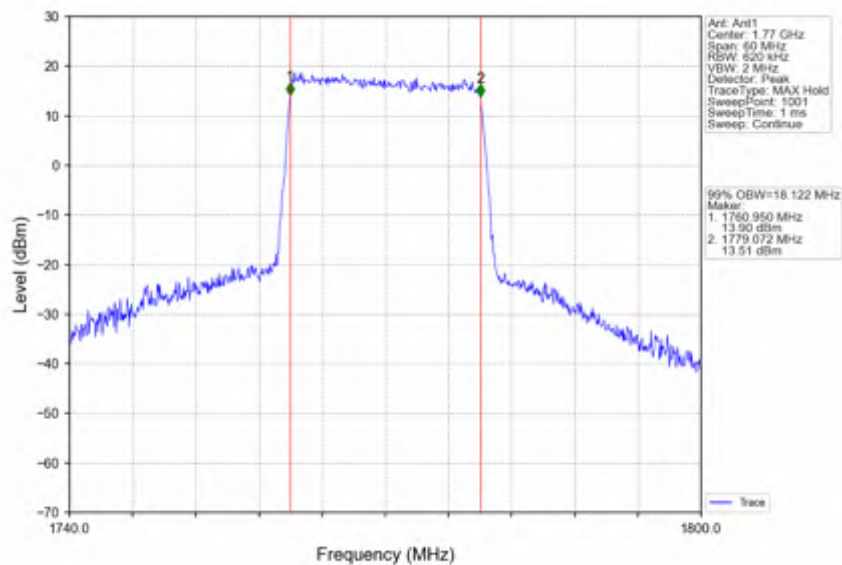
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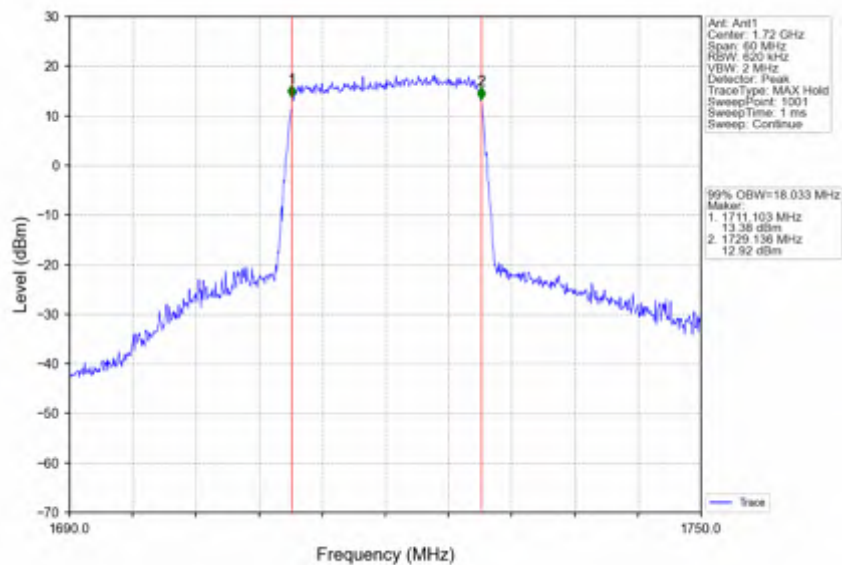
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Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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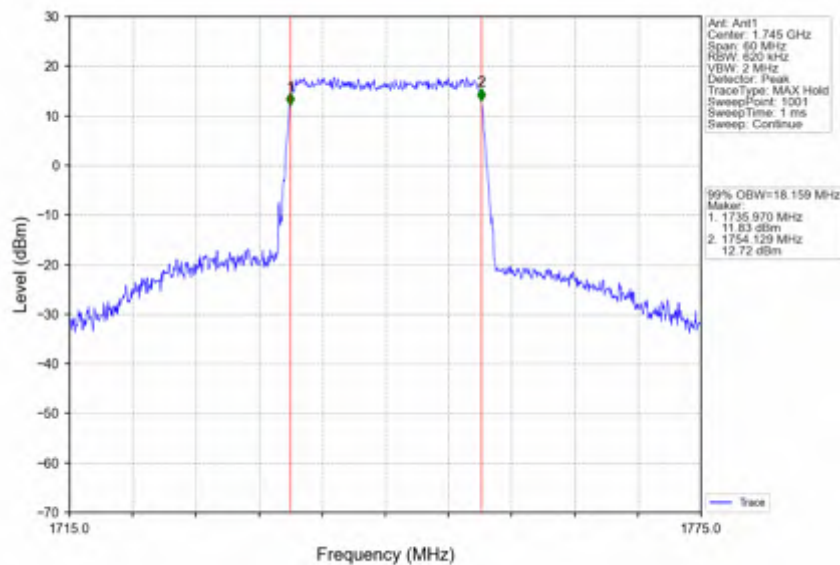
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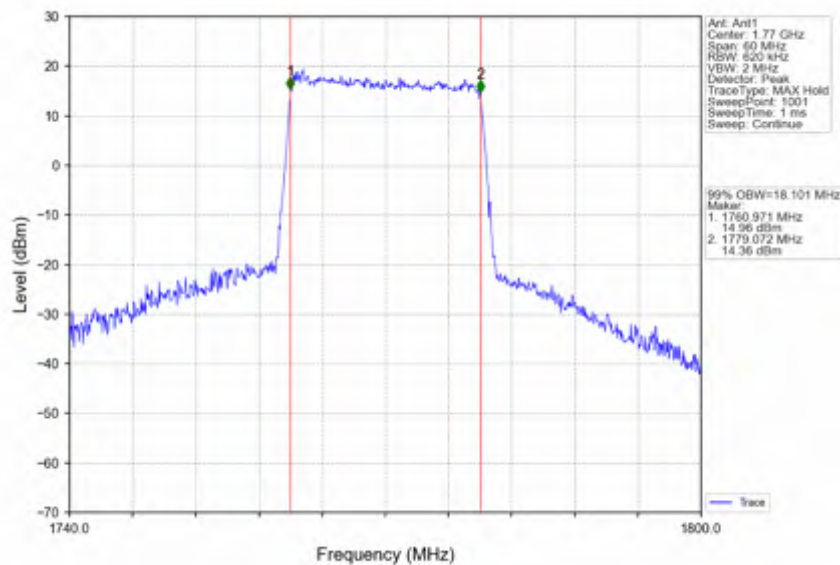
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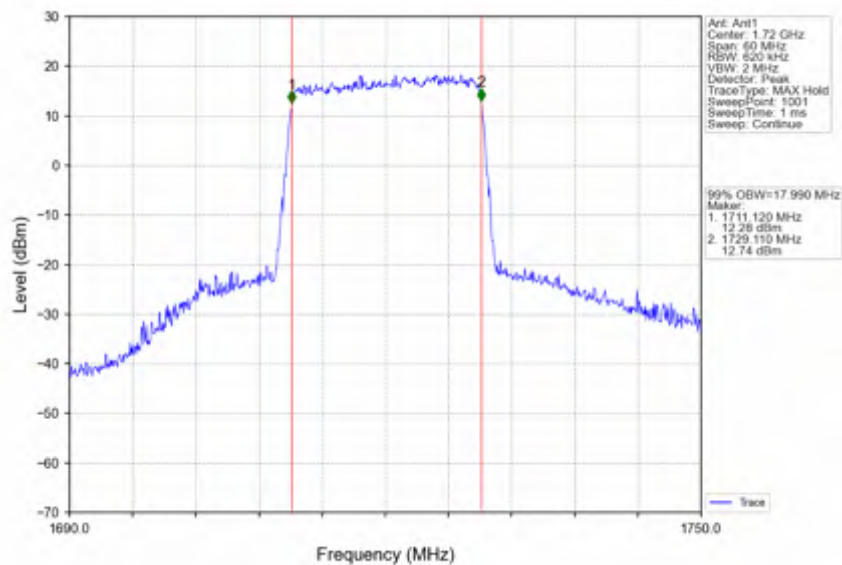


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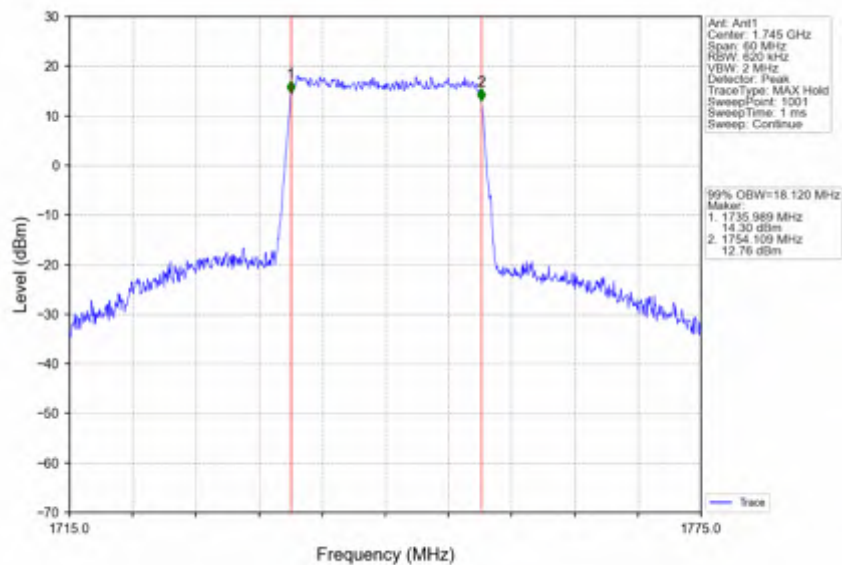
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Band66_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_64QAM_MCH_1745MHz_RB_100_0_NTNV



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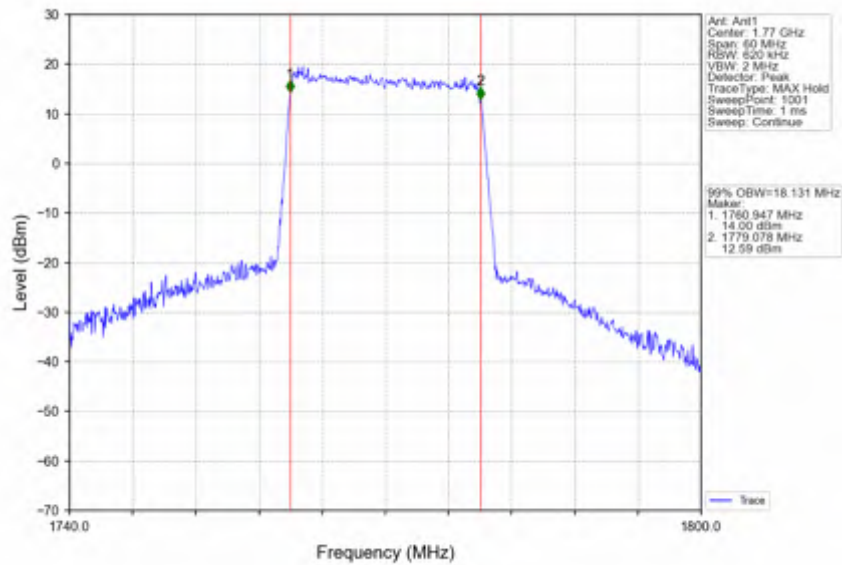
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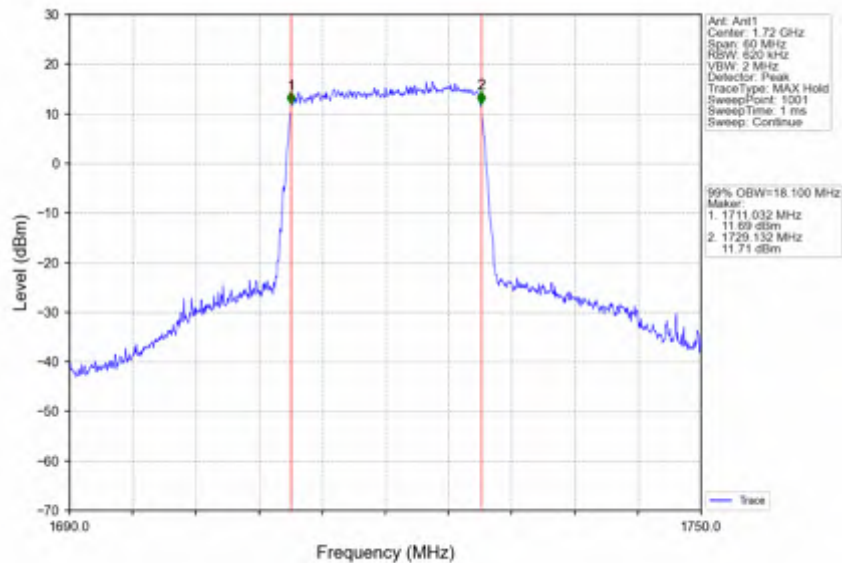
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Band66_20MHz_256QAM_LCH_1720MHz_RB_100_0_NTNV



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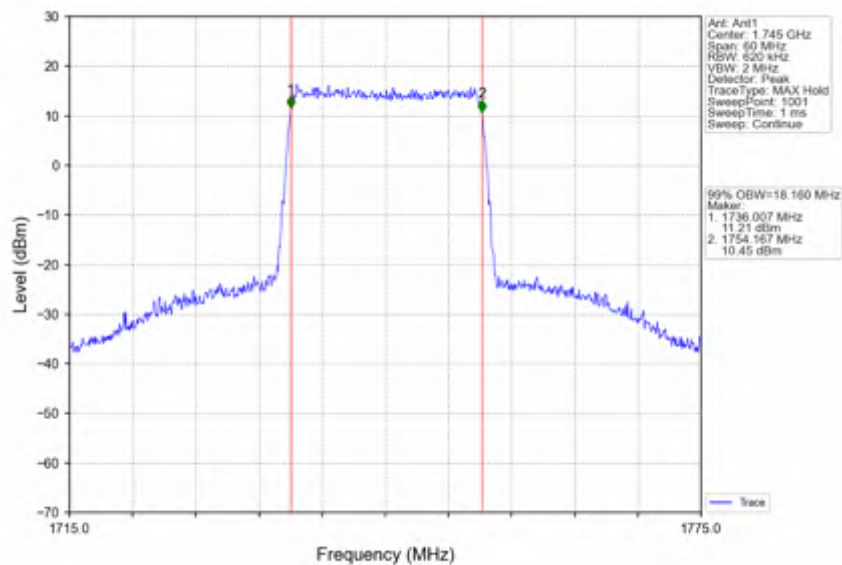
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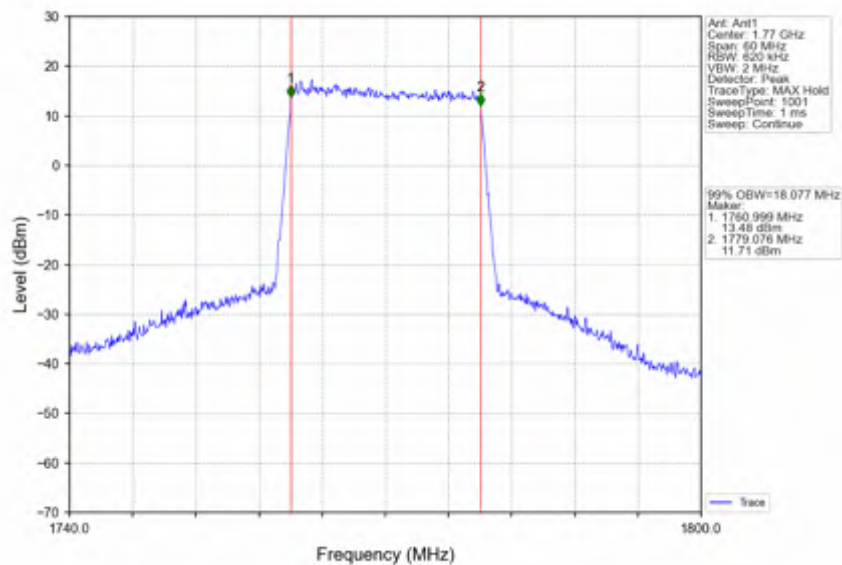
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Band66 20MHz 256QAM MCH 1745MHz RB 100 0 NTN



Band66 20MHz 256QAM HCH 1770MHz RB 100 0 NTNV



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13.2 Band66_XDB

13.2.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.327	Pass
		1745	6	0	1.324	Pass
		1779.3	6	0	1.312	Pass
	16QAM	1710.7	6	0	1.329	Pass
		1745	6	0	1.331	Pass
		1779.3	6	0	1.320	Pass
	64QAM	1710.7	6	0	1.316	Pass
		1745	6	0	1.330	Pass
		1779.3	6	0	1.318	Pass
	256QAM	1710.7	6	0	1.304	Pass
		1745	6	0	1.332	Pass
		1779.3	6	0	1.333	Pass
3	QPSK	1711.5	15	0	3.007	Pass
		1745	15	0	3.018	Pass
		1778.5	15	0	3.024	Pass
	16QAM	1711.5	15	0	3.013	Pass
		1745	15	0	2.993	Pass
		1778.5	15	0	3.010	Pass
	64QAM	1711.5	15	0	3.017	Pass
		1745	15	0	2.999	Pass
		1778.5	15	0	3.019	Pass
	256QAM	1711.5	15	0	3.032	Pass
		1745	15	0	3.013	Pass
		1778.5	15	0	3.024	Pass
5	QPSK	1712.5	25	0	5.044	Pass
		1745	25	0	5.064	Pass
		1777.5	25	0	5.080	Pass
	16QAM	1712.5	25	0	5.065	Pass
		1745	25	0	5.073	Pass
		1777.5	25	0	5.062	Pass
	64QAM	1712.5	25	0	5.073	Pass
		1745	25	0	5.037	Pass
		1777.5	25	0	5.025	Pass
	256QAM	1712.5	25	0	5.067	Pass
		1745	25	0	5.077	Pass
		1777.5	25	0	5.002	Pass
10	QPSK	1715	50	0	9.967	Pass
		1745	50	0	9.956	Pass
		1775	50	0	9.974	Pass
	16QAM	1715	50	0	9.914	Pass
		1745	50	0	9.942	Pass
		1775	50	0	9.956	Pass
	64QAM	1715	50	0	9.938	Pass
		1745	50	0	9.972	Pass
		1775	50	0	9.899	Pass
	256QAM	1715	50	0	9.905	Pass

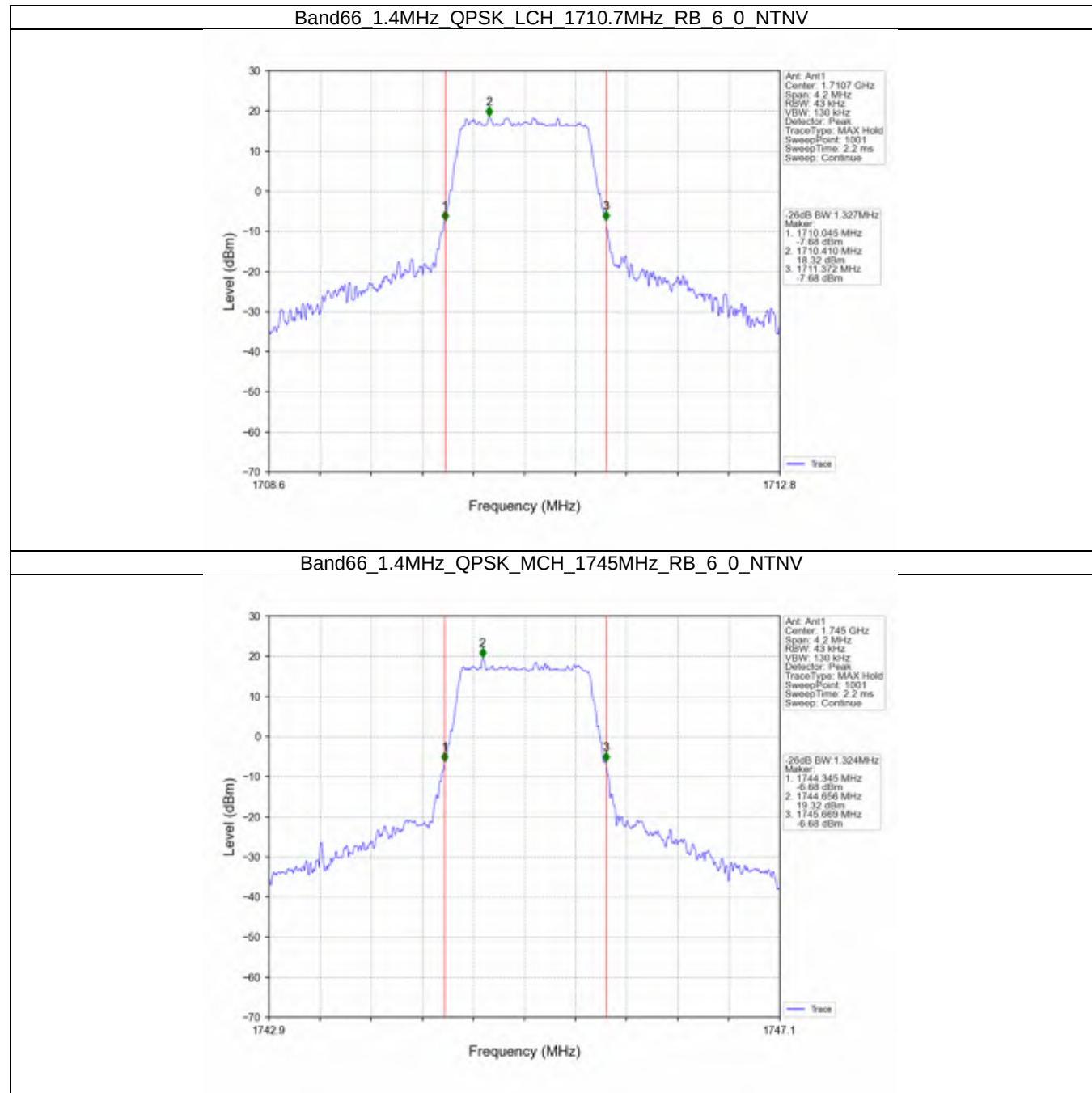
15	QPSK	1745	50	0	9.965	Pass
		1775	50	0	10.056	Pass
		1717.5	75	0	14.845	Pass
	16QAM	1745	75	0	14.969	Pass
		1772.5	75	0	14.870	Pass
		1717.5	75	0	14.857	Pass
	64QAM	1745	75	0	14.934	Pass
		1772.5	75	0	14.939	Pass
		1717.5	75	0	14.966	Pass
	256QAM	1745	75	0	14.799	Pass
		1772.5	75	0	14.935	Pass
		1717.5	75	0	14.906	Pass
	16QAM	1745	75	0	14.881	Pass
		1772.5	75	0	14.869	Pass
		1717.5	75	0	14.869	Pass
20	QPSK	1720	100	0	19.670	Pass
		1745	100	0	19.770	Pass
		1770	100	0	19.785	Pass
	16QAM	1720	100	0	19.690	Pass
		1745	100	0	20.080	Pass
		1770	100	0	19.582	Pass
	64QAM	1720	100	0	19.825	Pass
		1745	100	0	19.882	Pass
		1770	100	0	19.637	Pass
	256QAM	1720	100	0	19.697	Pass
		1745	100	0	19.901	Pass
		1770	100	0	19.673	Pass
	QPSK	1720	100	0	19.670	Pass
		1745	100	0	19.770	Pass
		1770	100	0	19.785	Pass



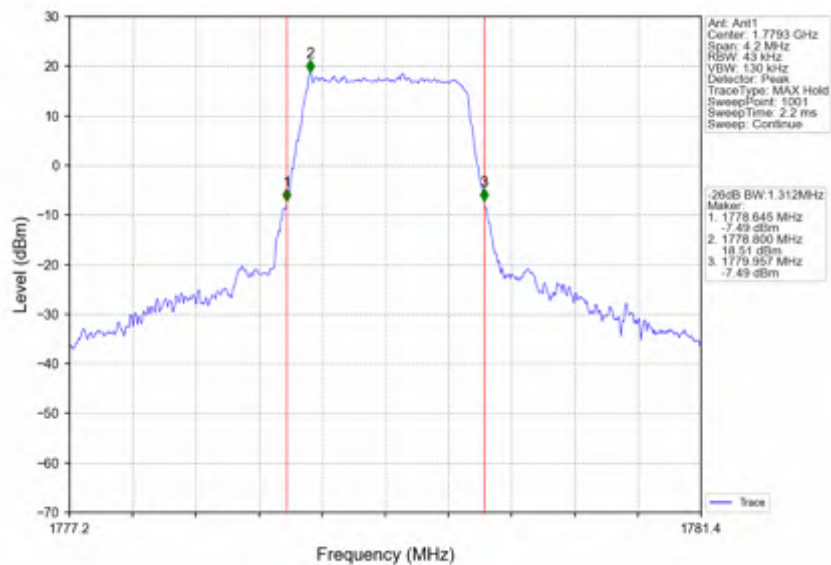
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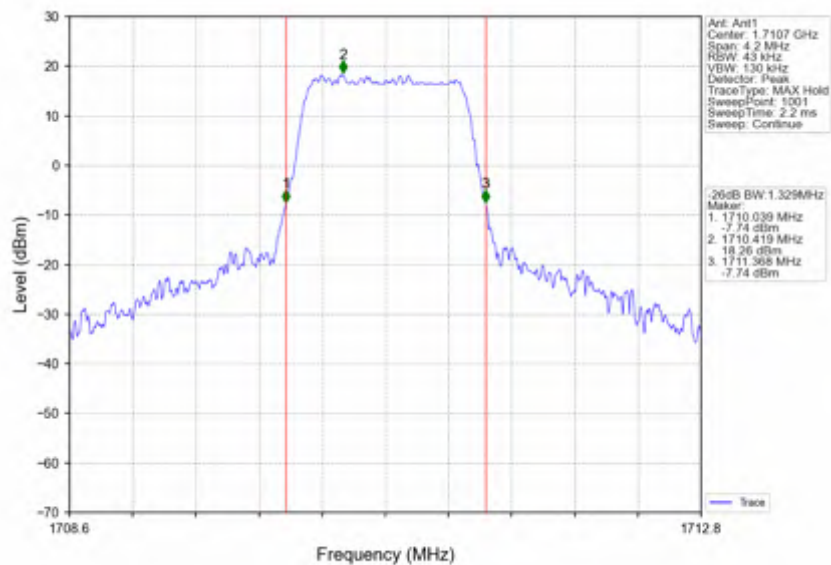
13.2.2 Test Graph



Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



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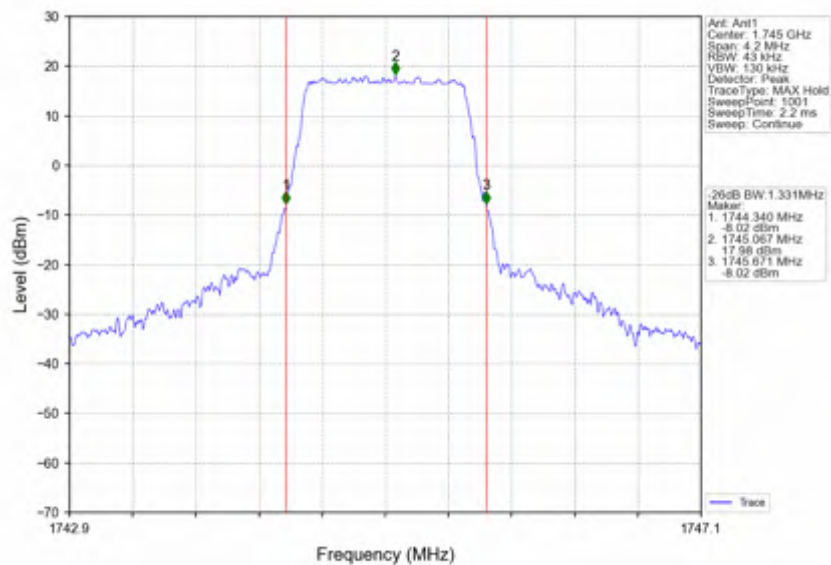
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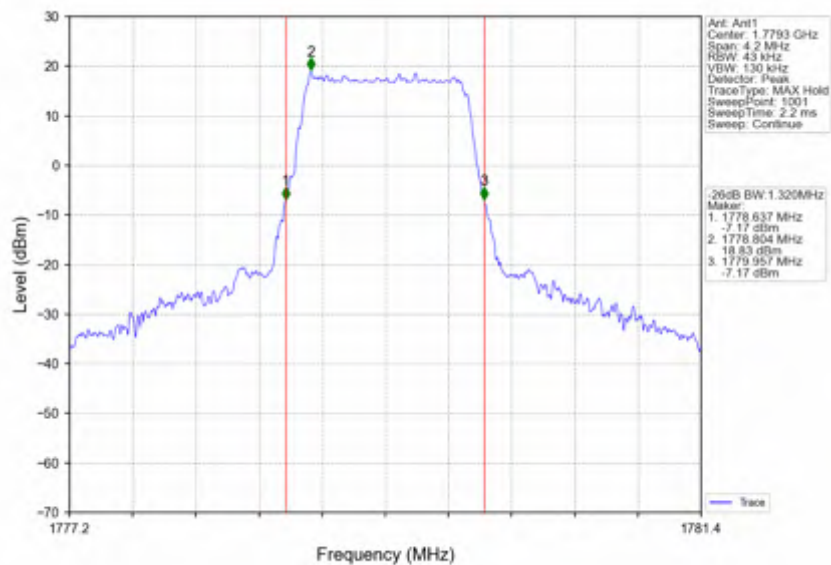
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Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



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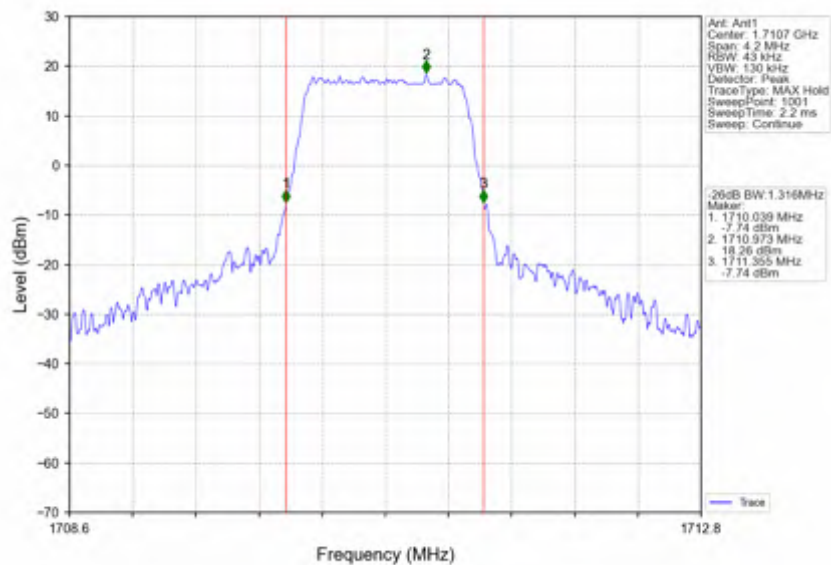
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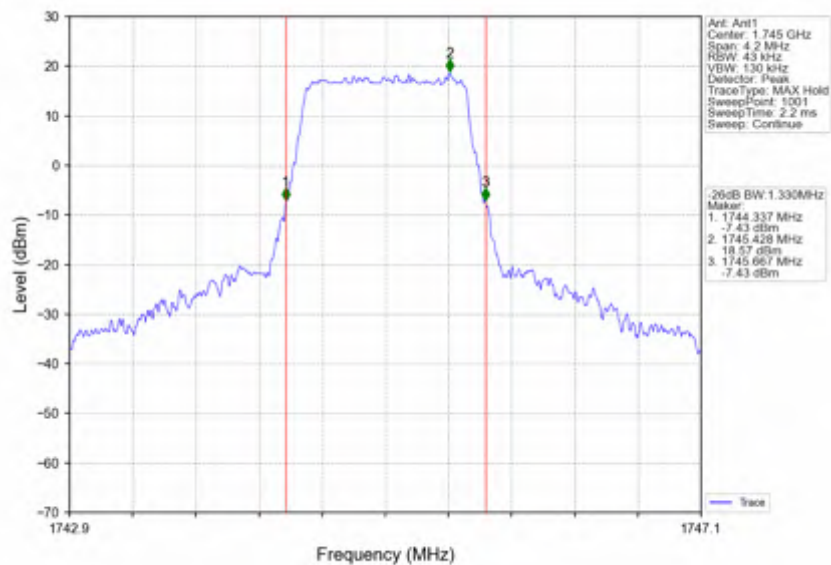
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Band66_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band66_1.4MHz_64QAM_MCH_1745MHz_RB_6_0_NTNV



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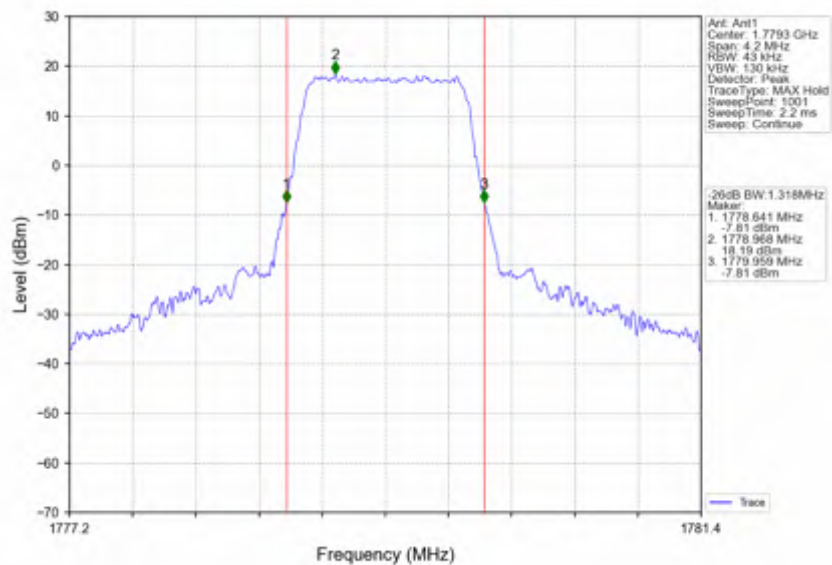
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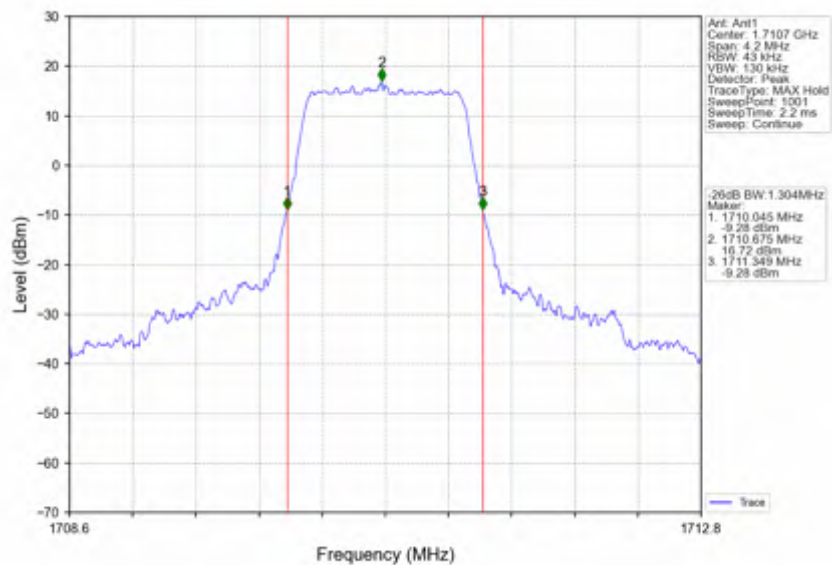
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Band66 1.4MHz 256QAM LCH 1710.7MHz RB 6 0 NTNV

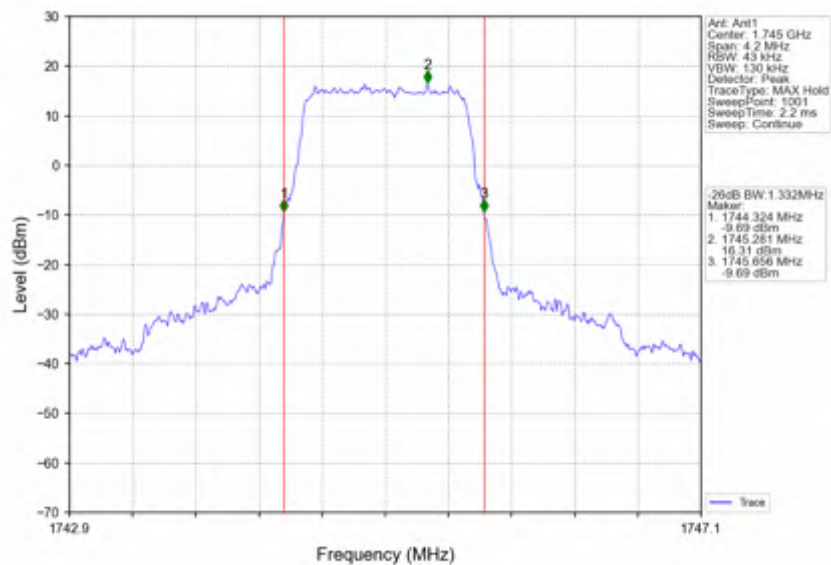


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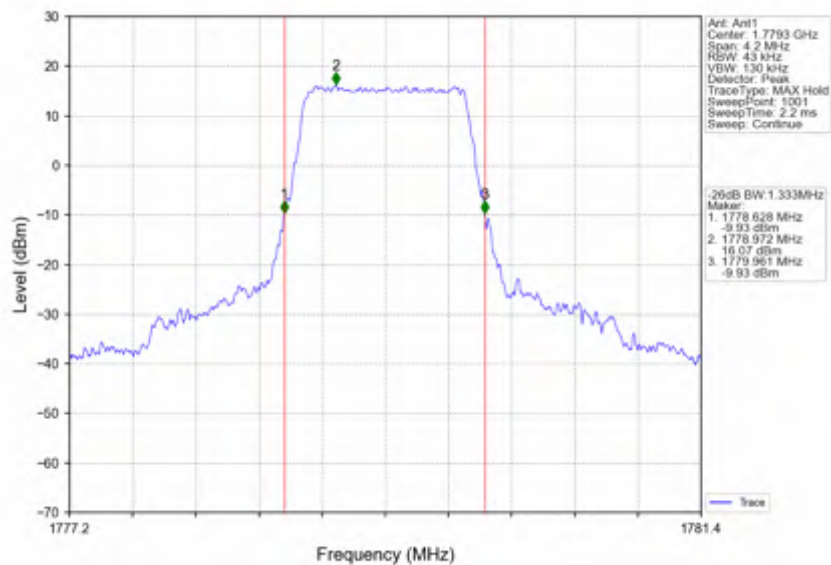
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Band66_1.4MHz_256QAM_MCH_1745MHz_RB_6_0_NTNV



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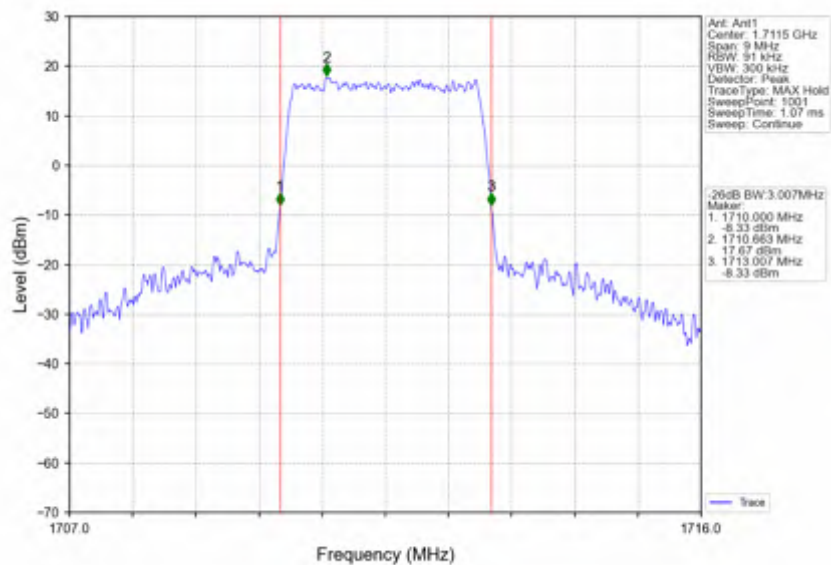
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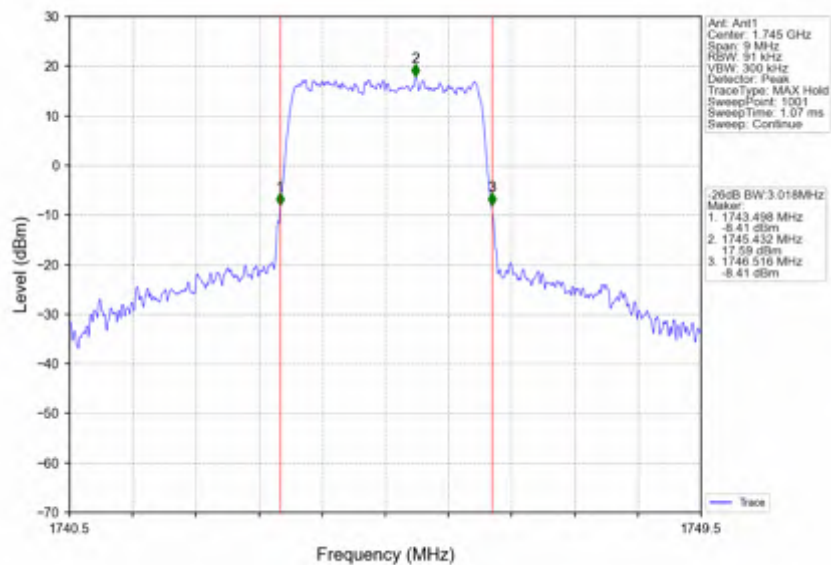
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Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



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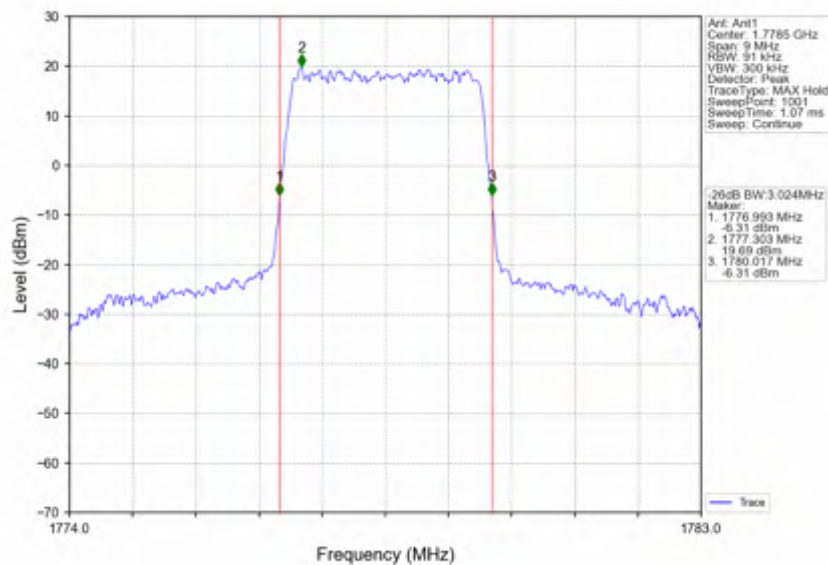
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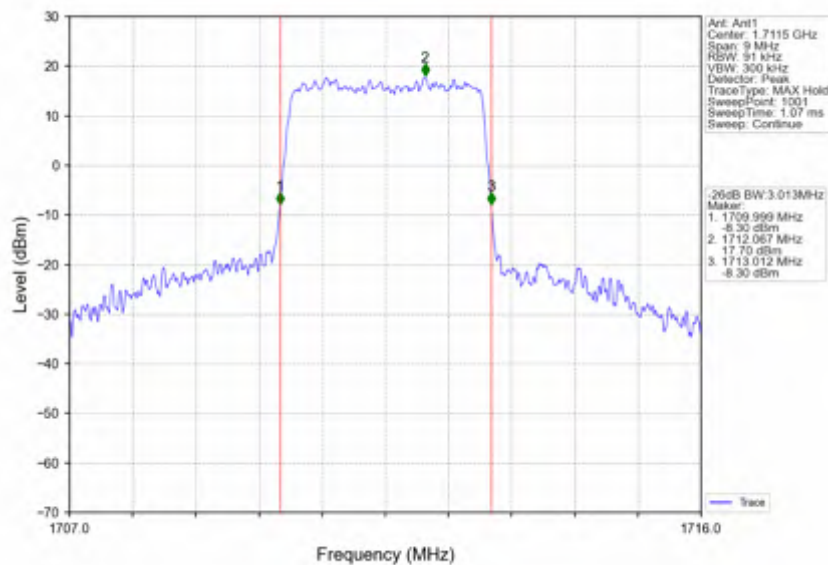
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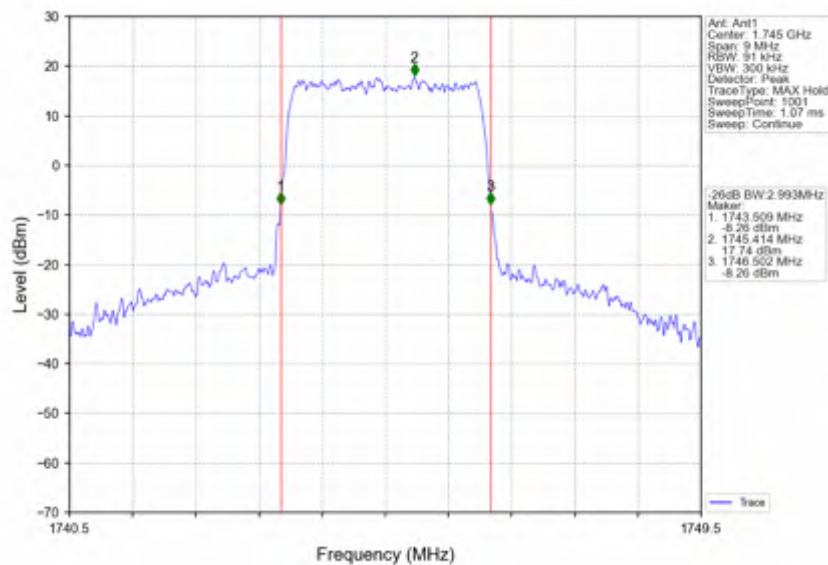
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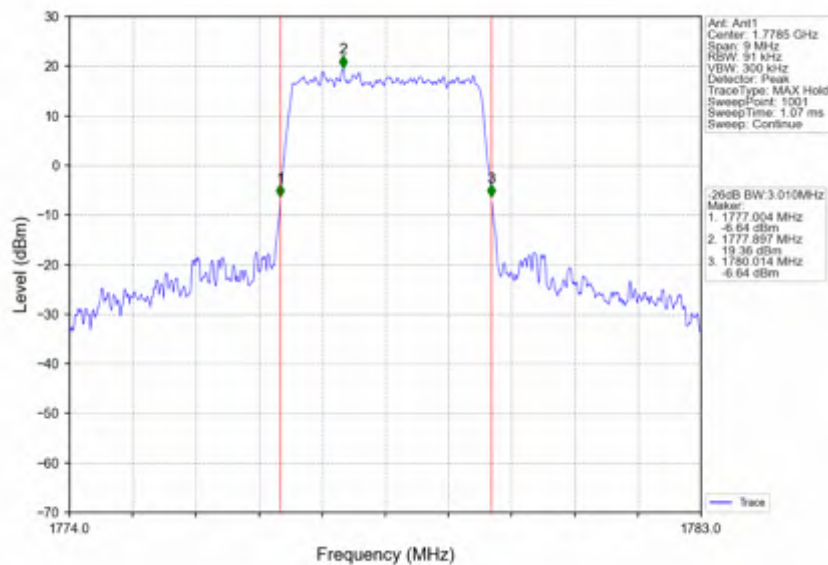
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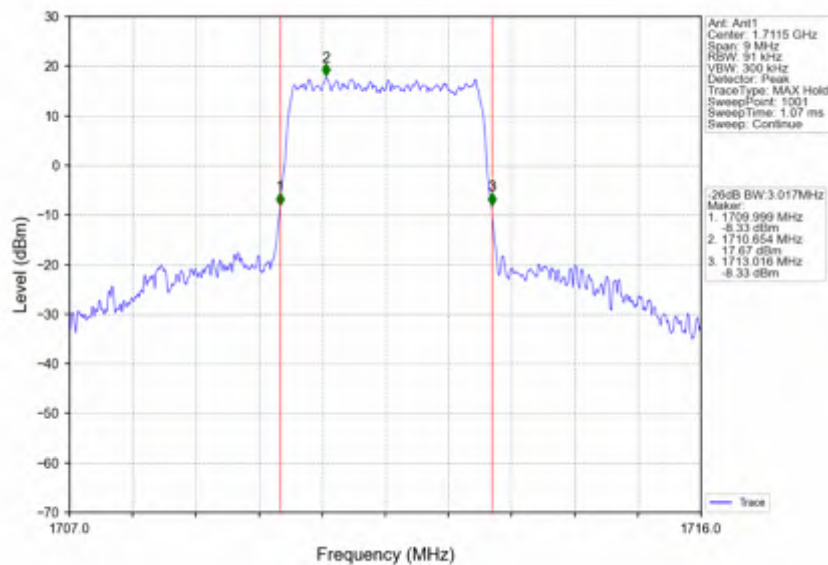
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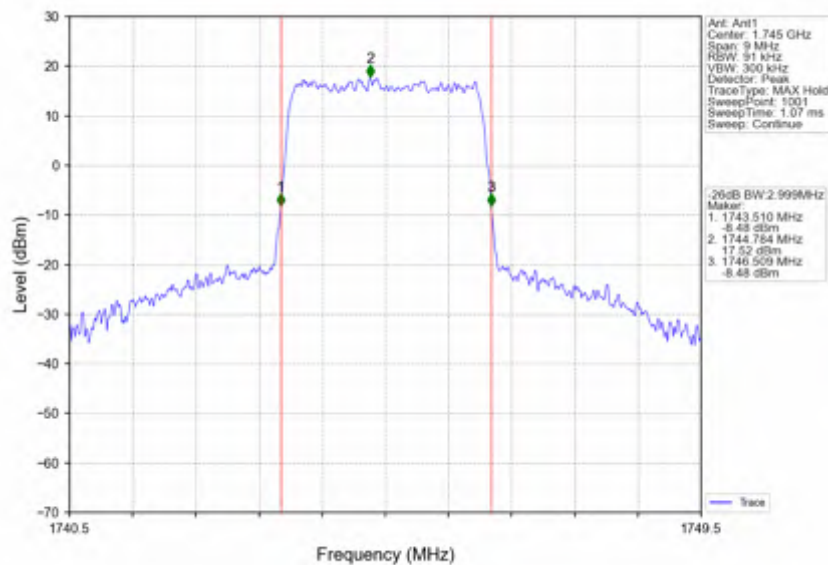
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Band66_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



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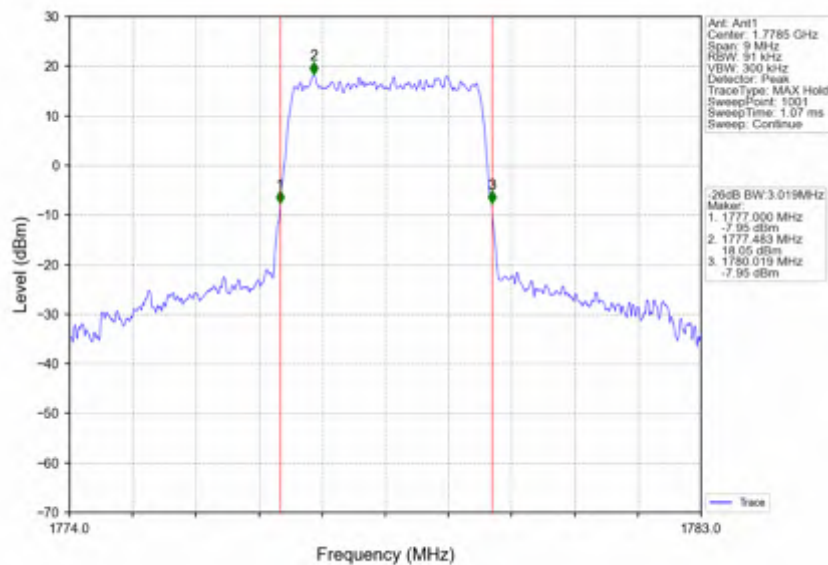
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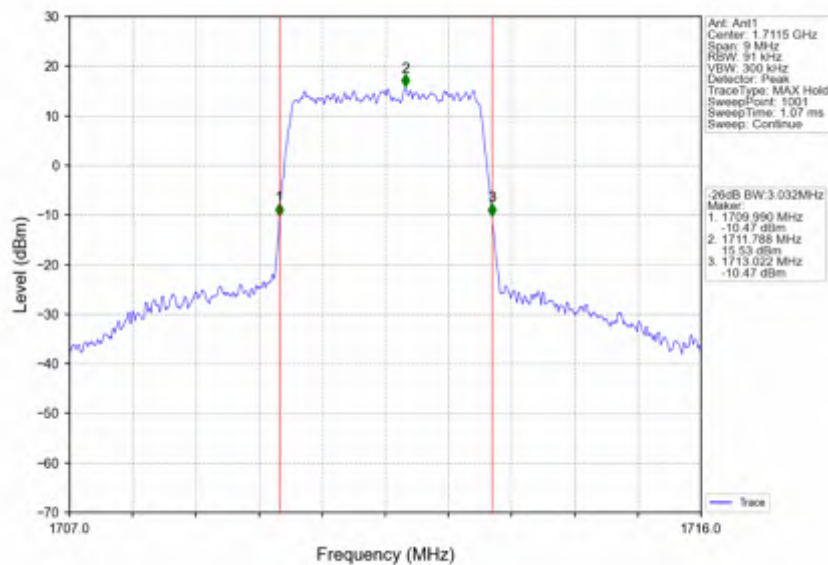
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Band66_3MHz_256QAM_LCH_1711.5MHz_RB_15_0_NTNV



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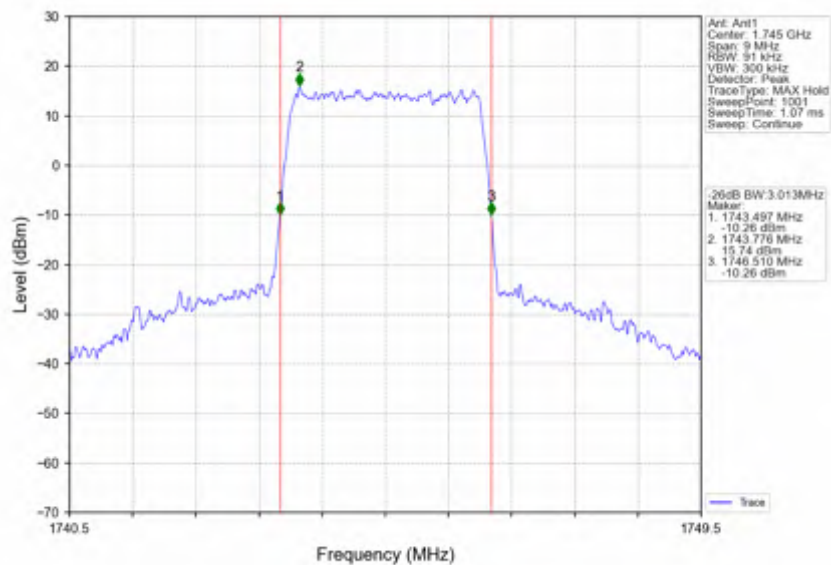
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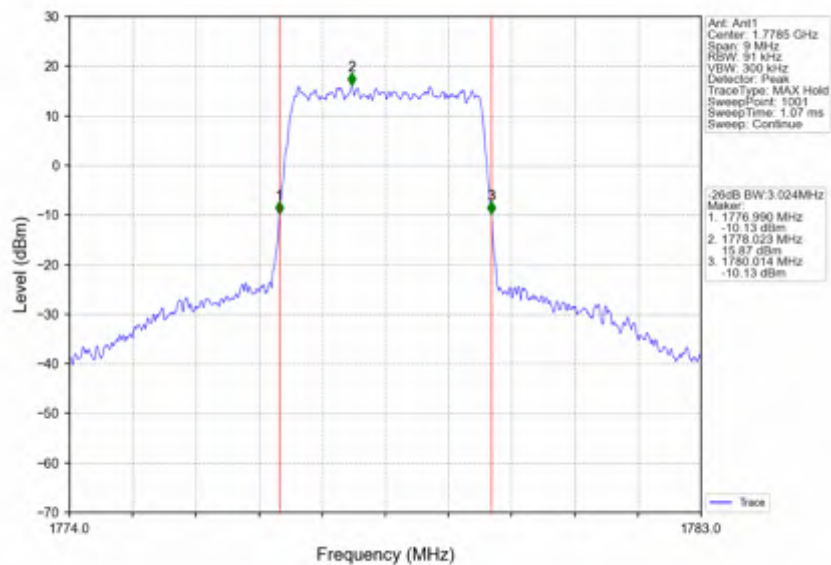
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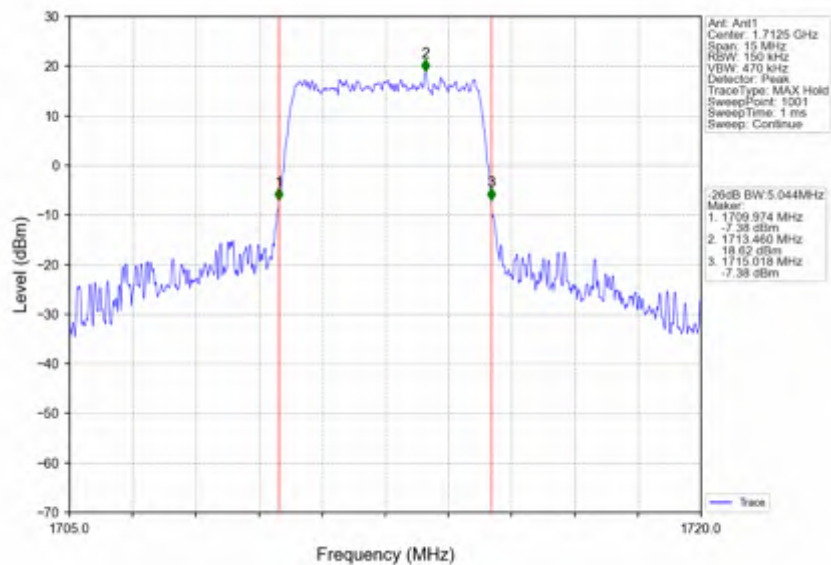
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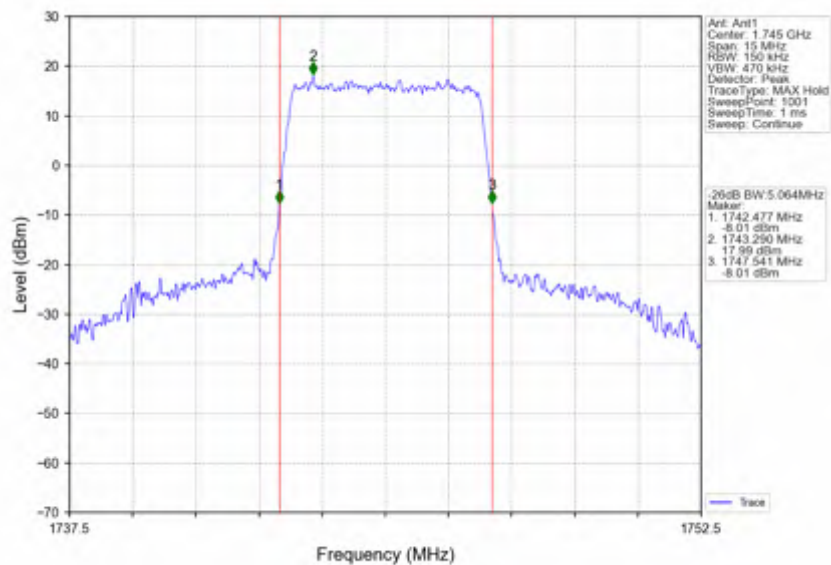
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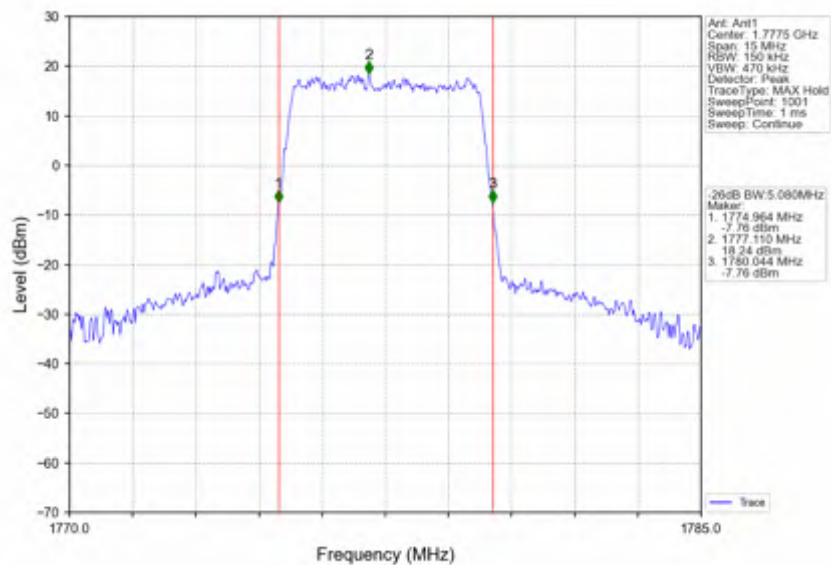
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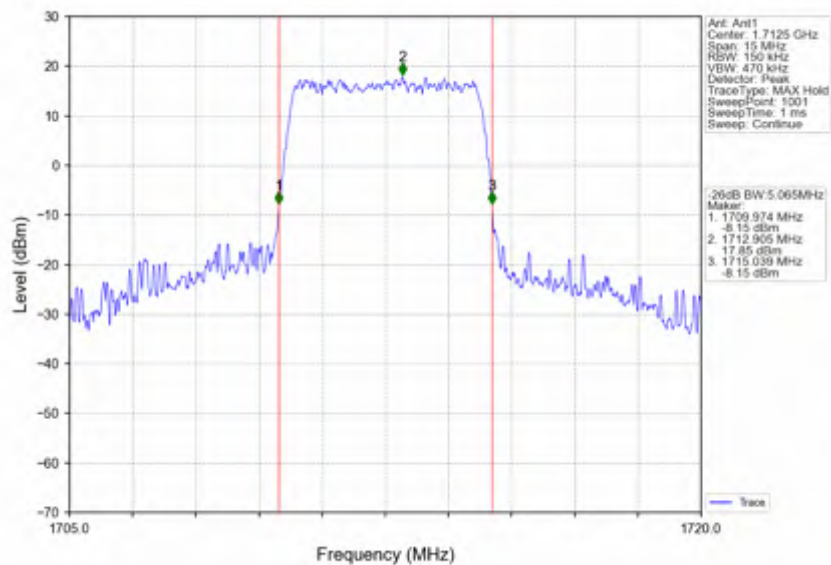
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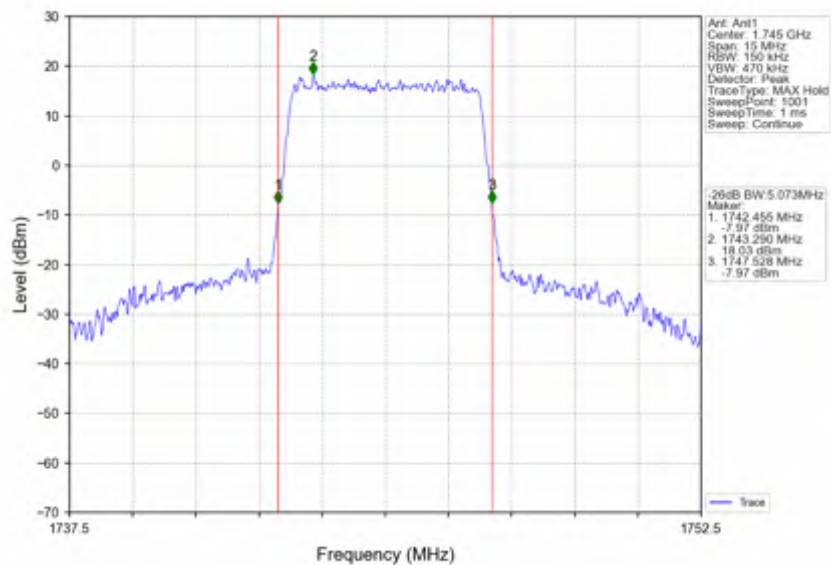
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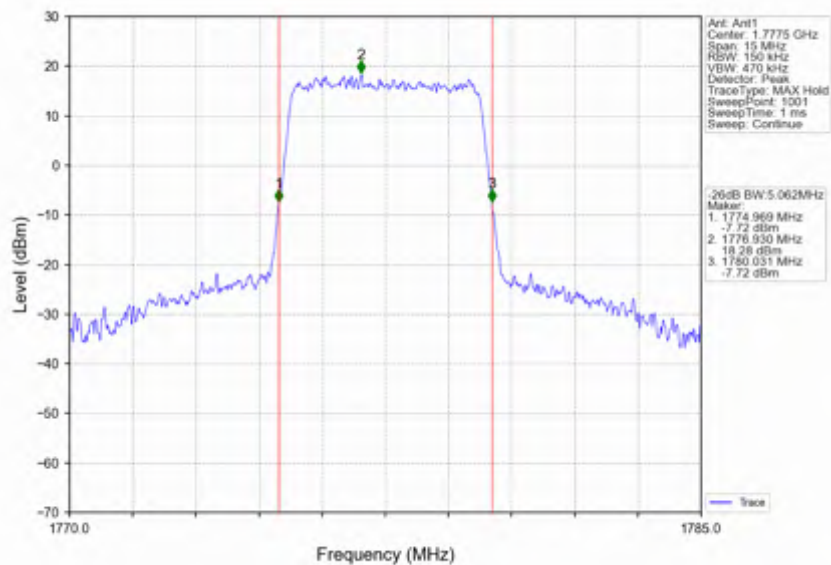
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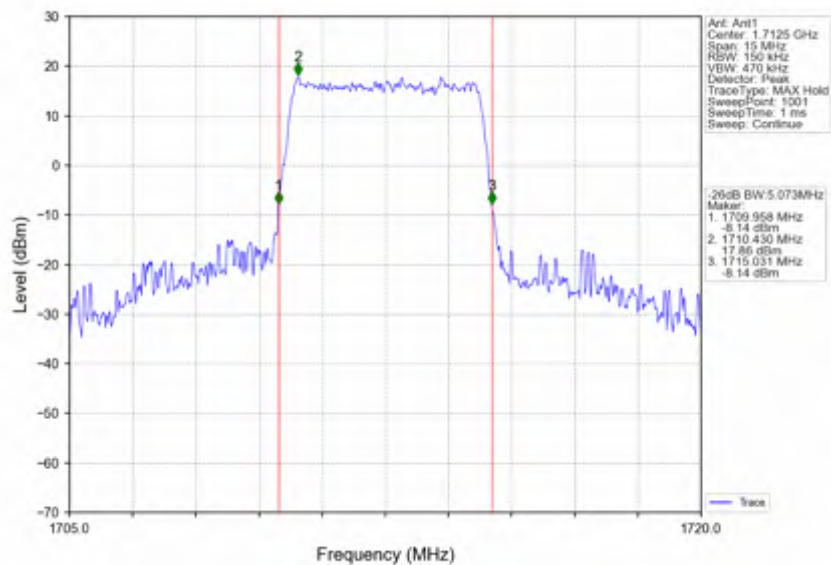
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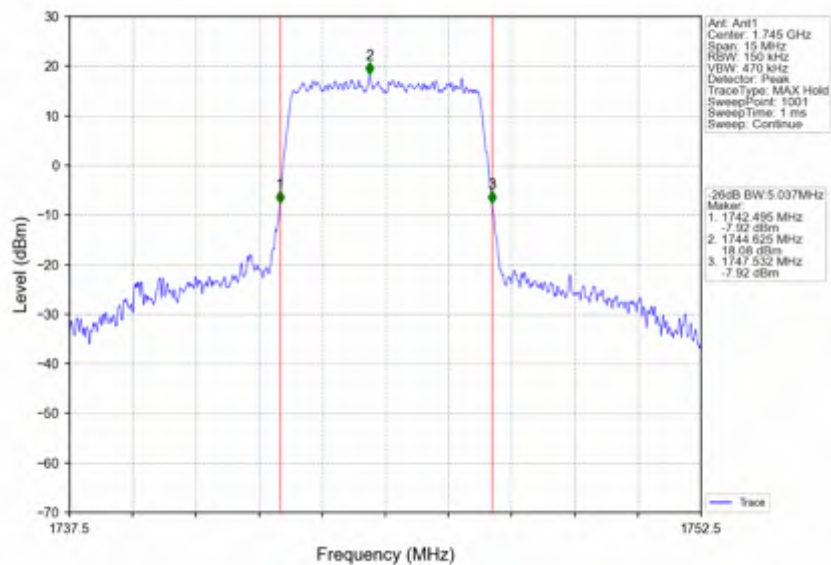
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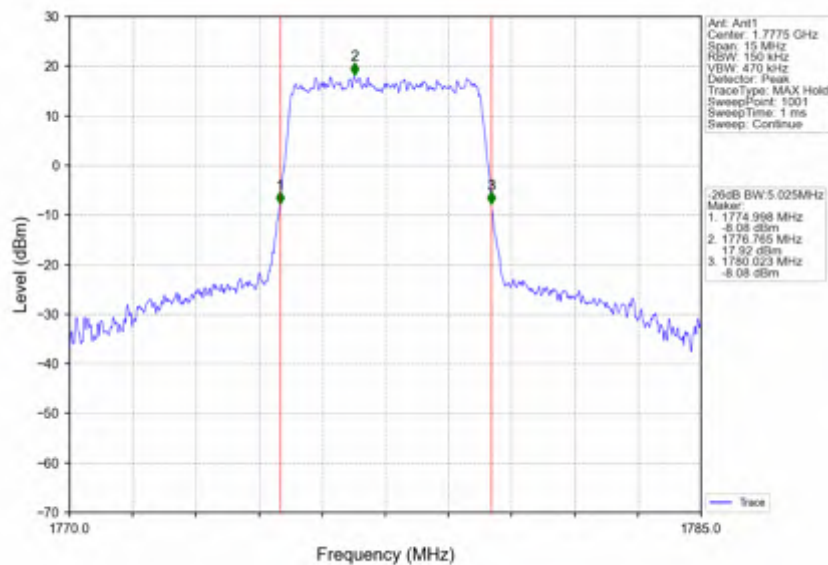
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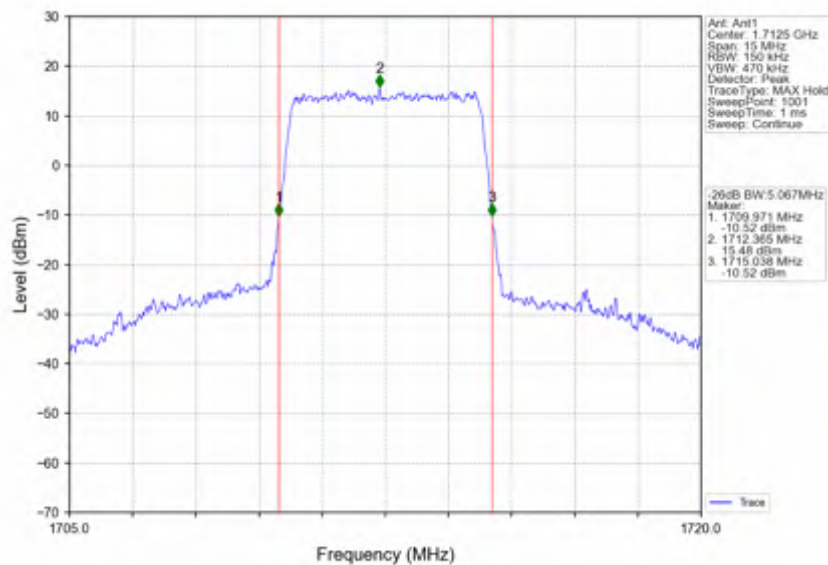
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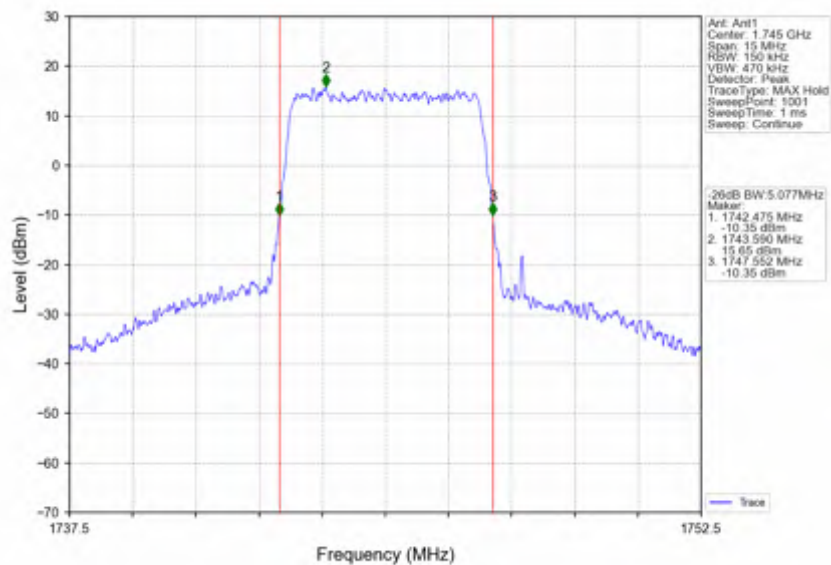
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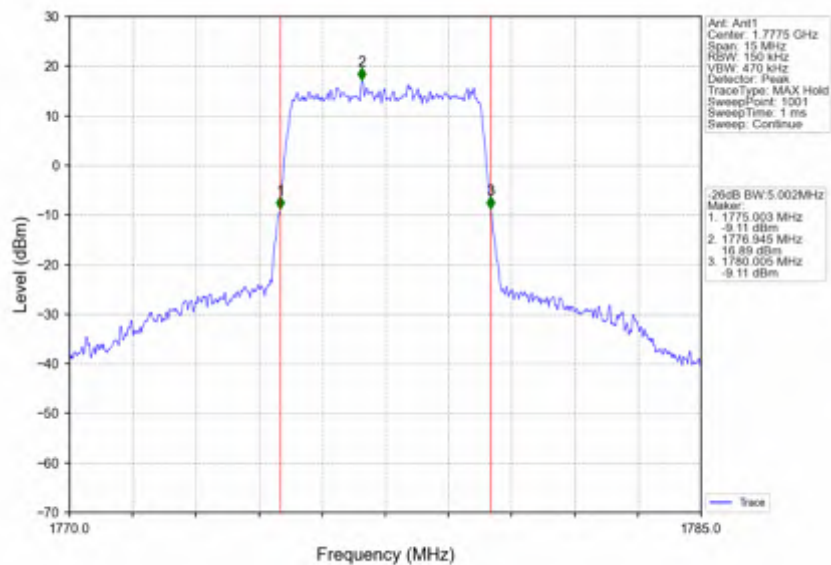
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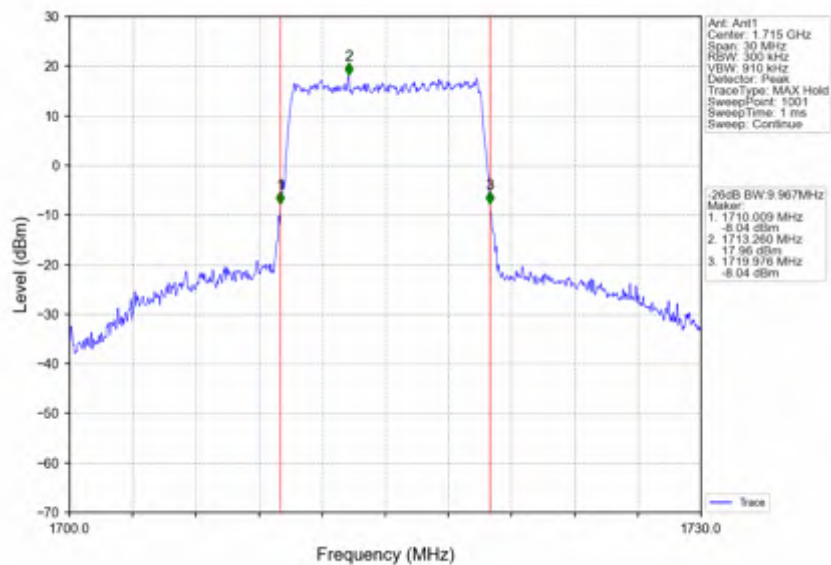
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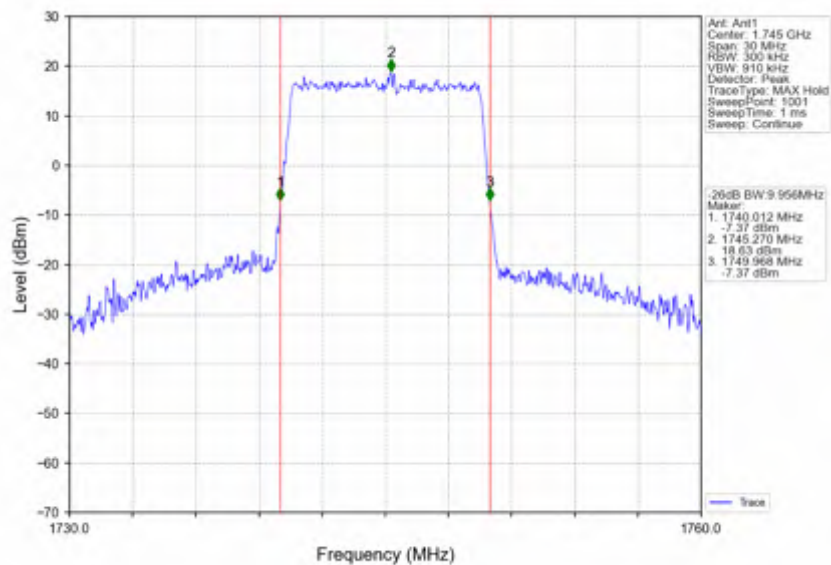
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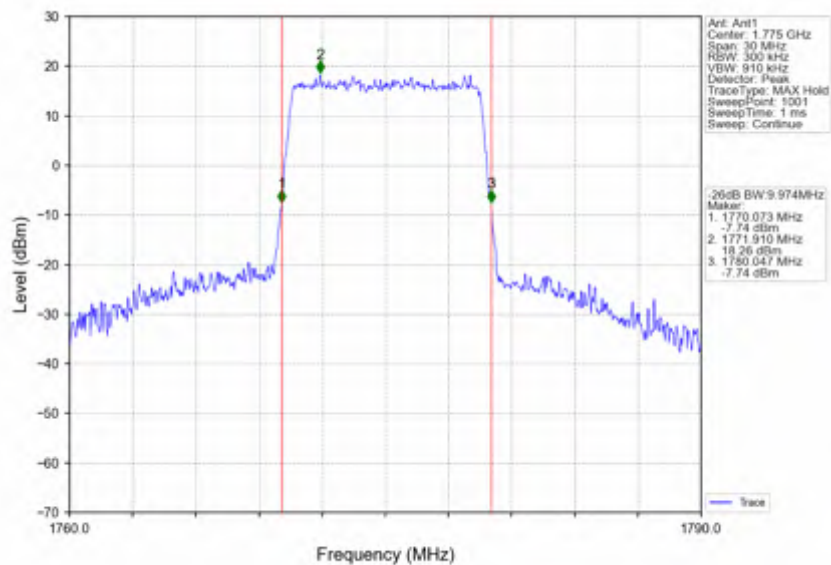
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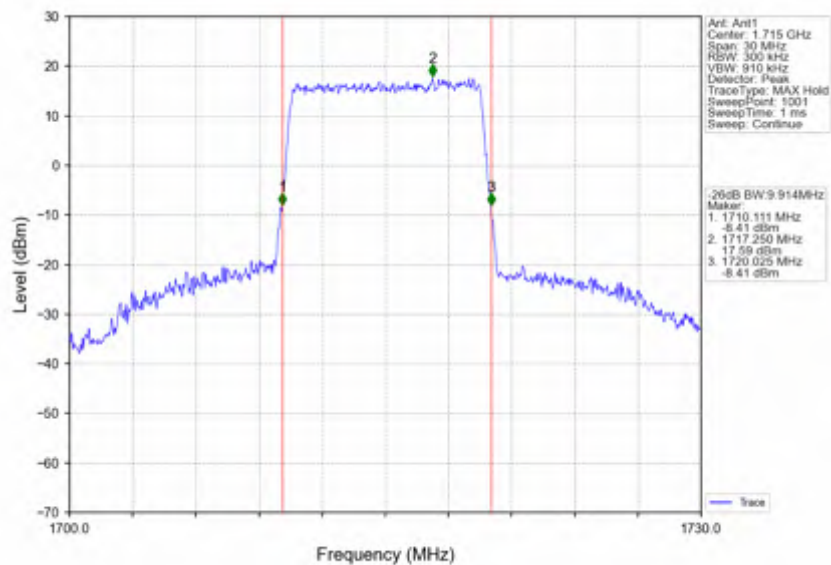
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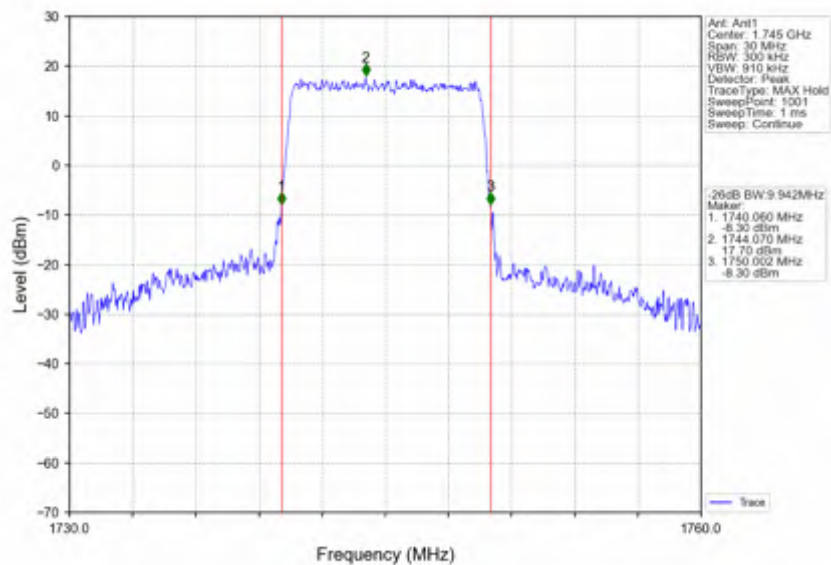
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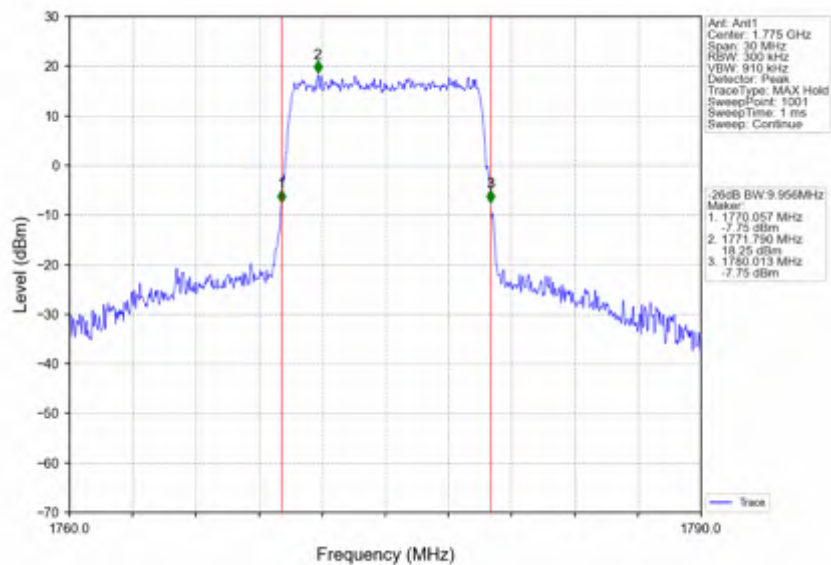
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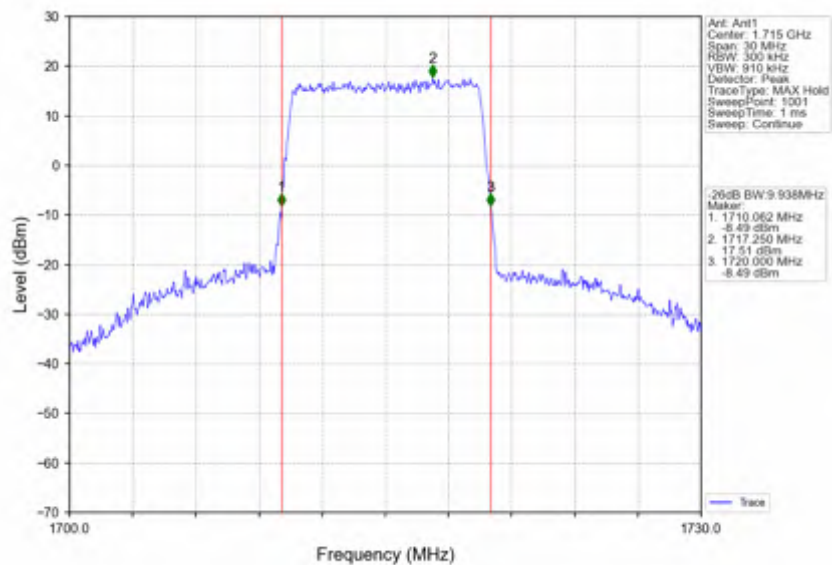
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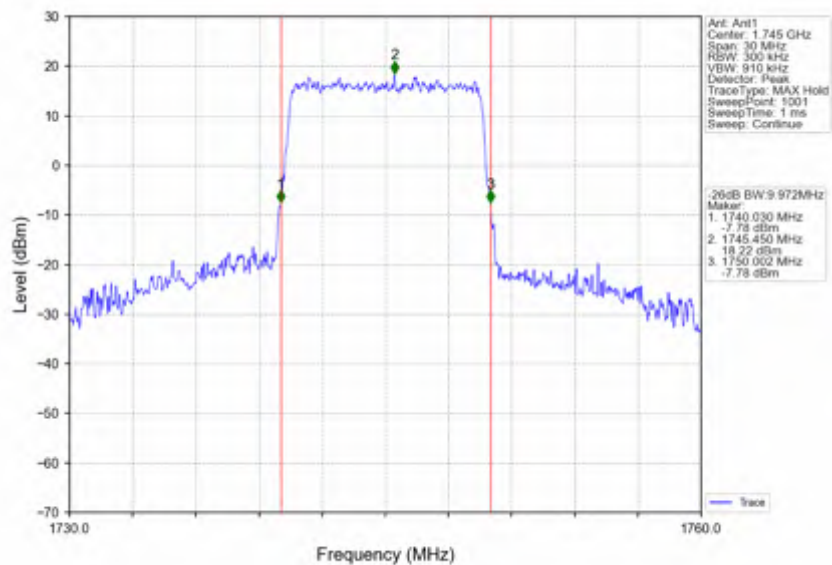
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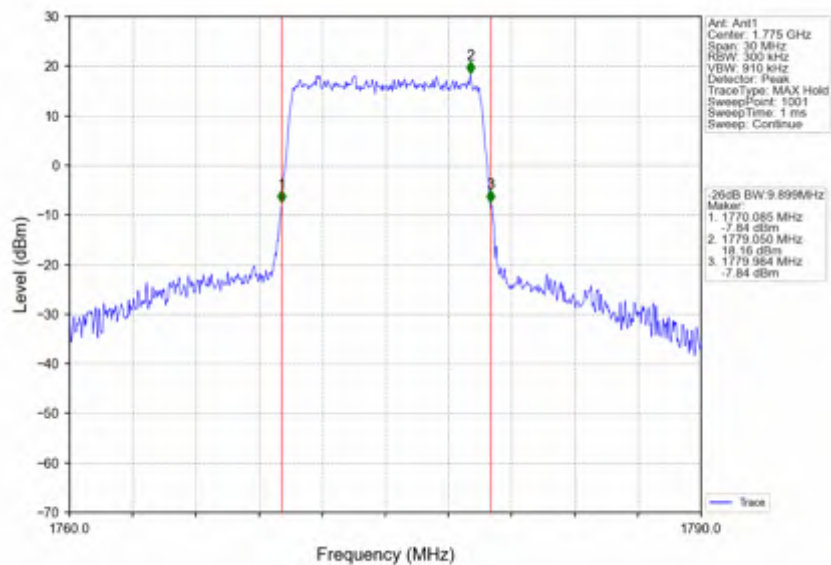
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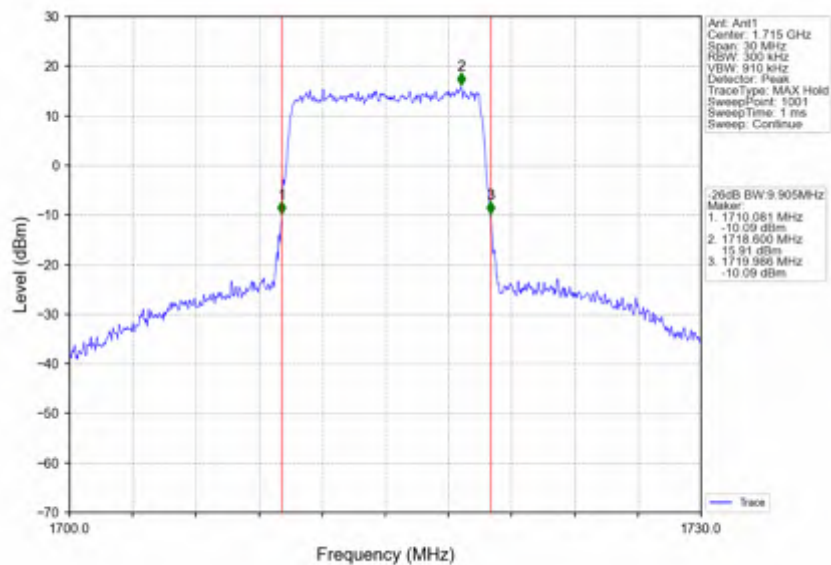
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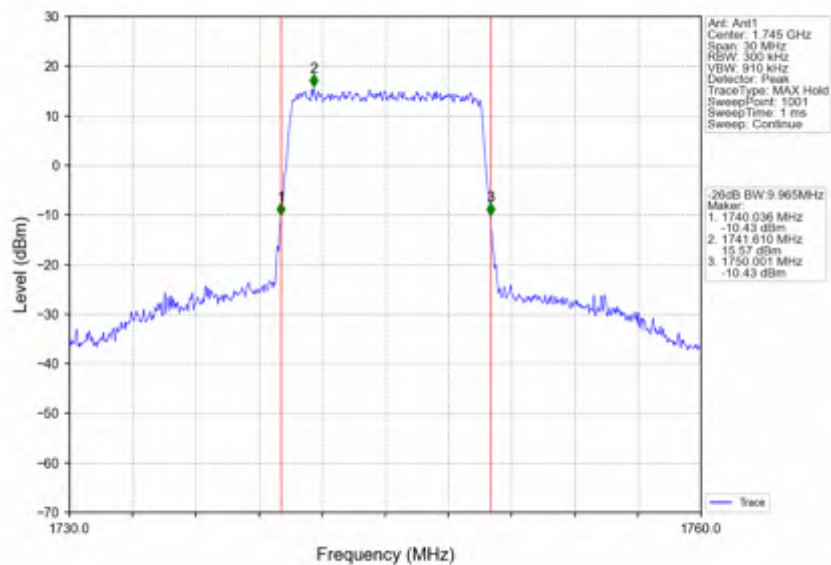
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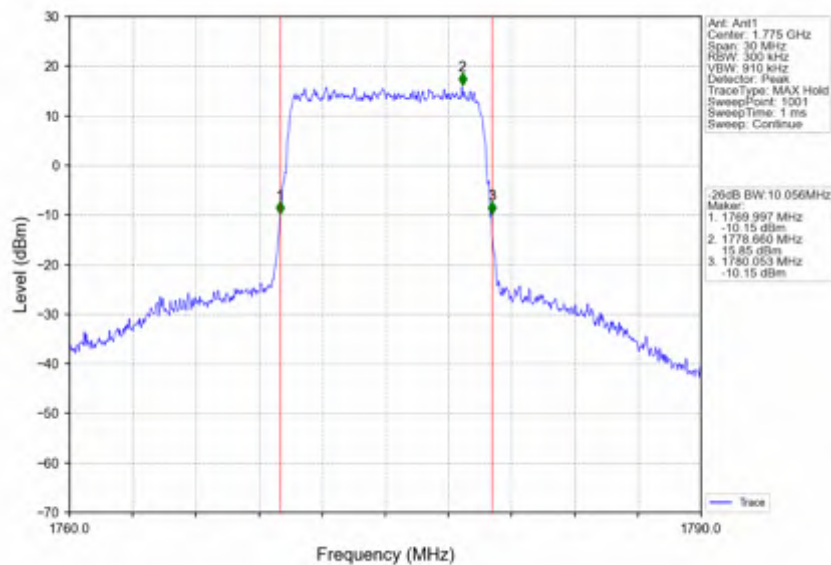
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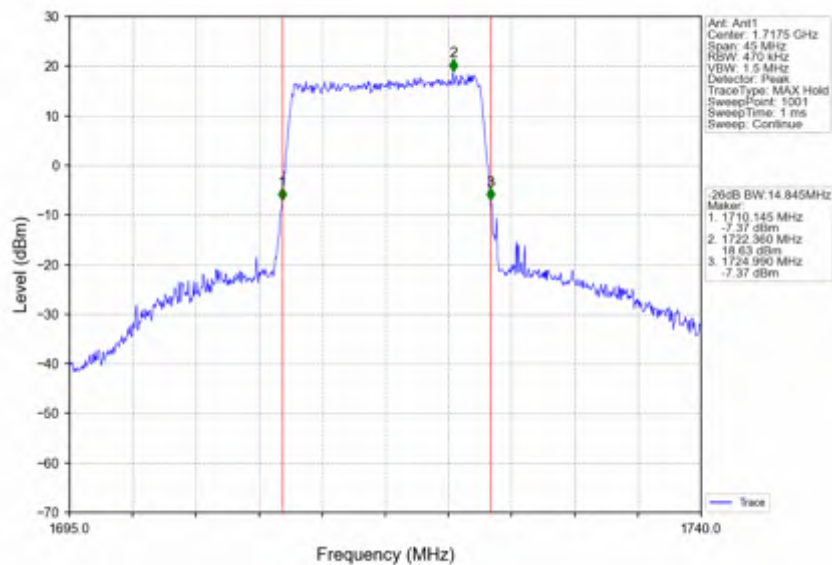
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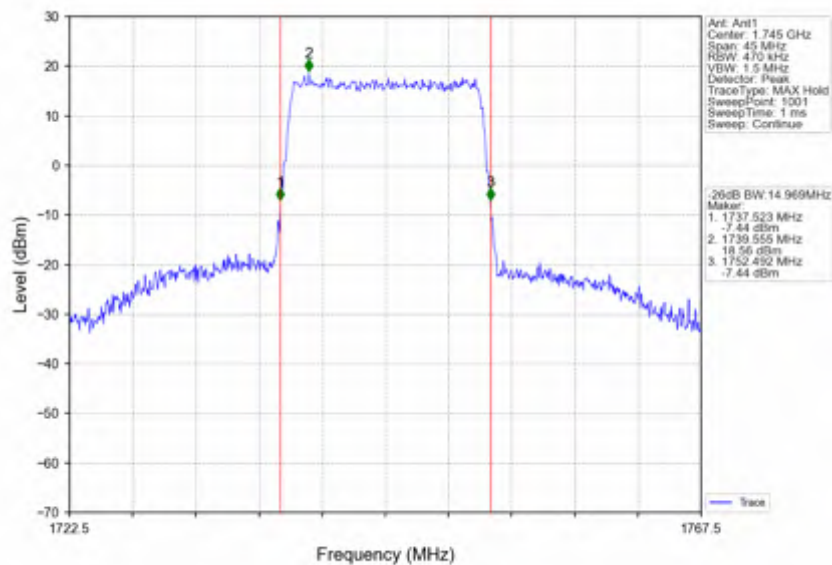
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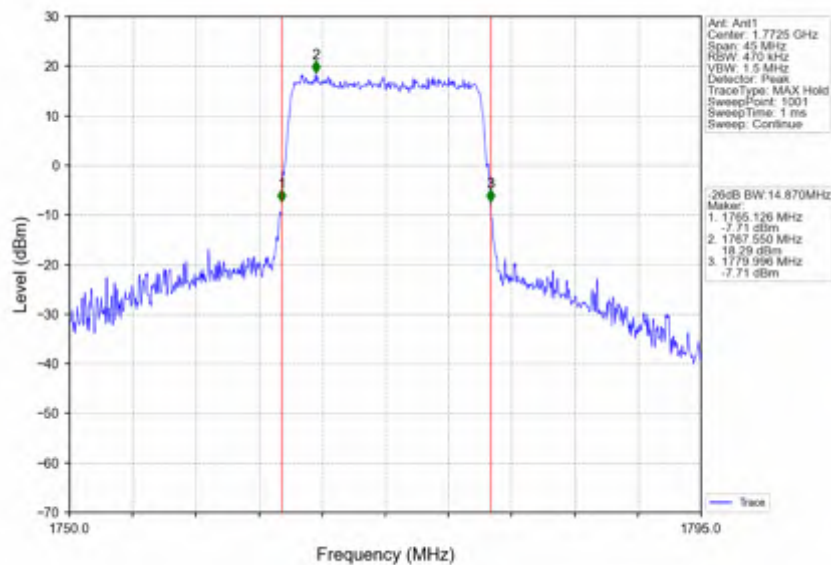
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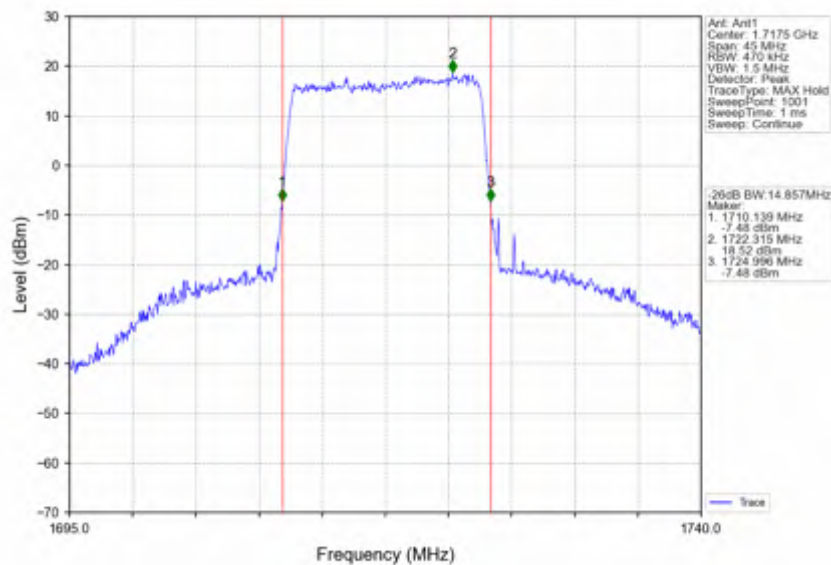
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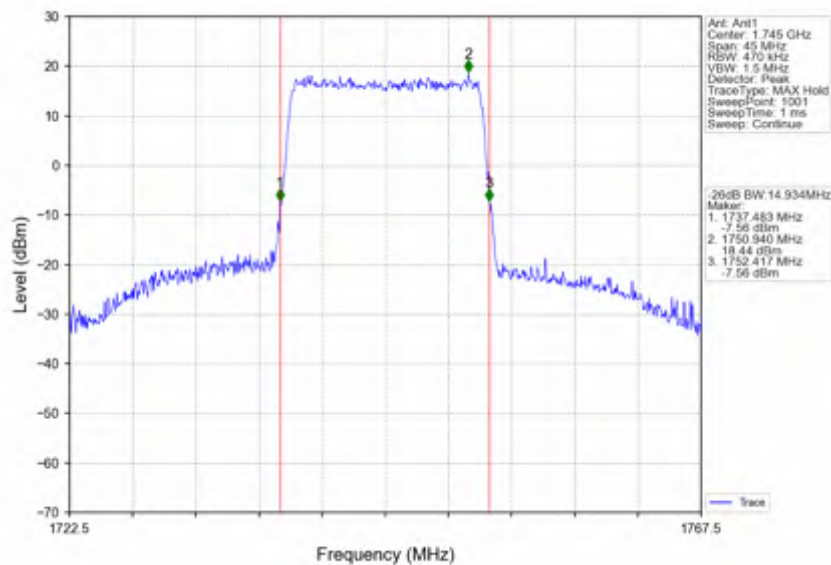
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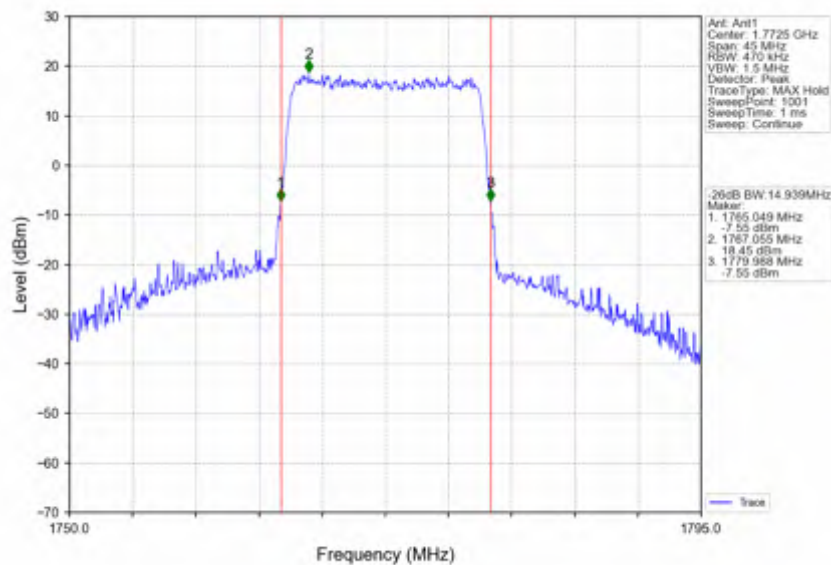
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Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



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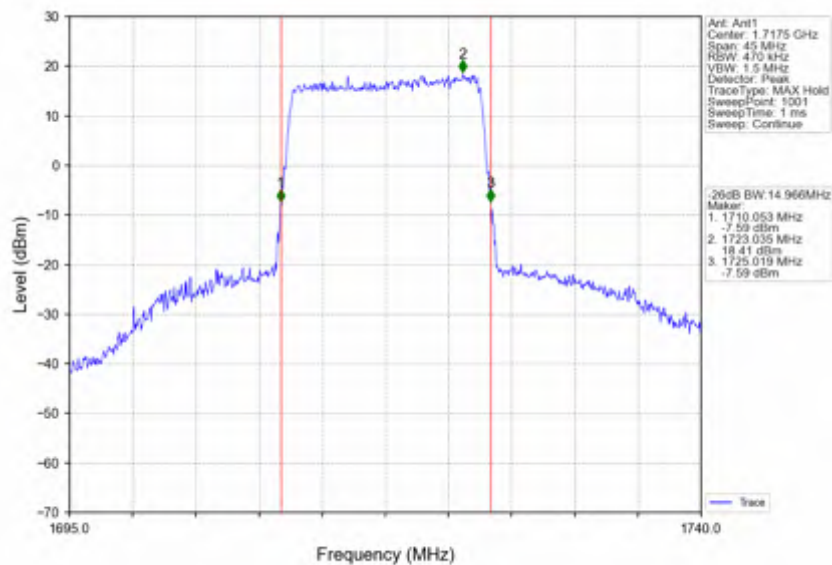
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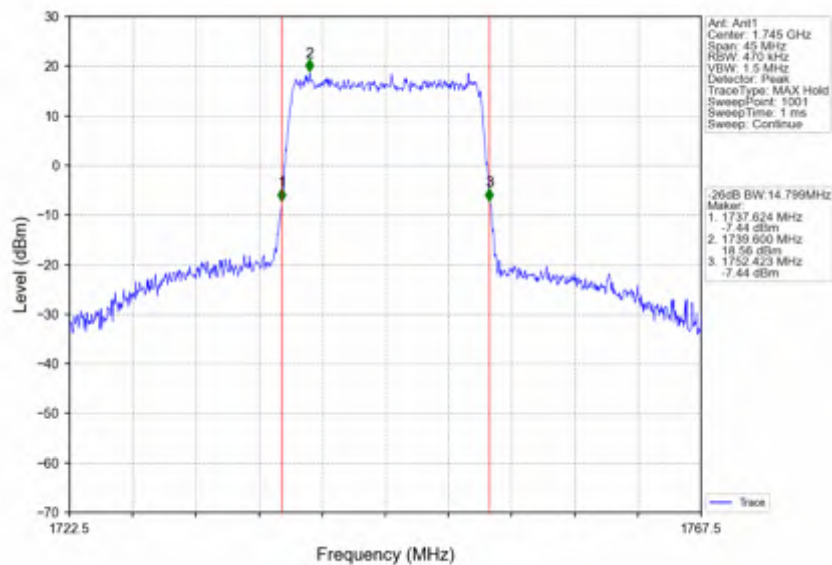
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Band66_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band66_15MHz_64QAM_MCH_1745MHz_RB_75_0_NTNV



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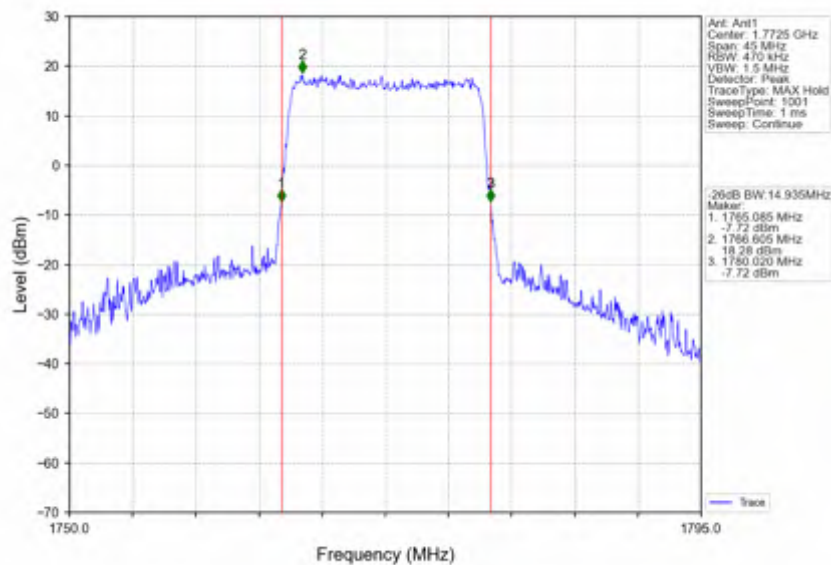
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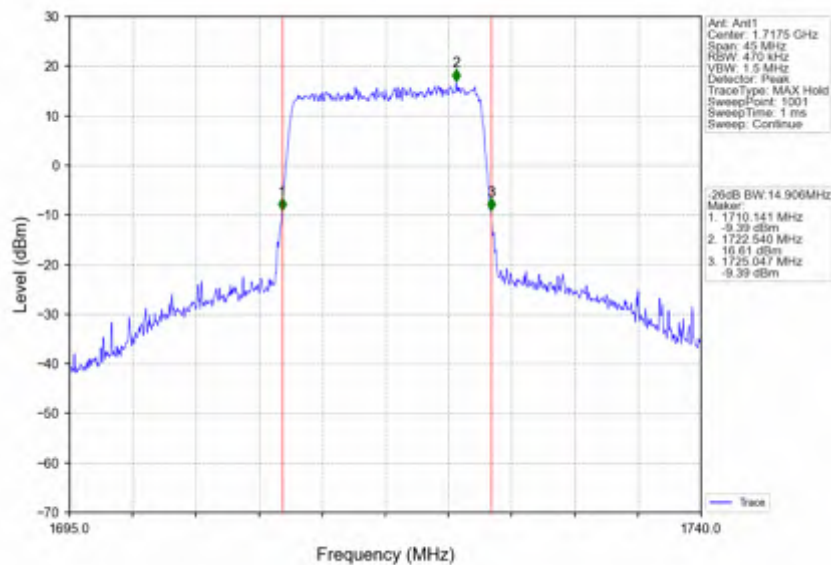
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Band66_15MHz_64QAM_HCH_1772.5MHz_RB_75_0_NTNV



Band66_15MHz_256QAM_LCH_1717.5MHz_RB_75_0_NTNV

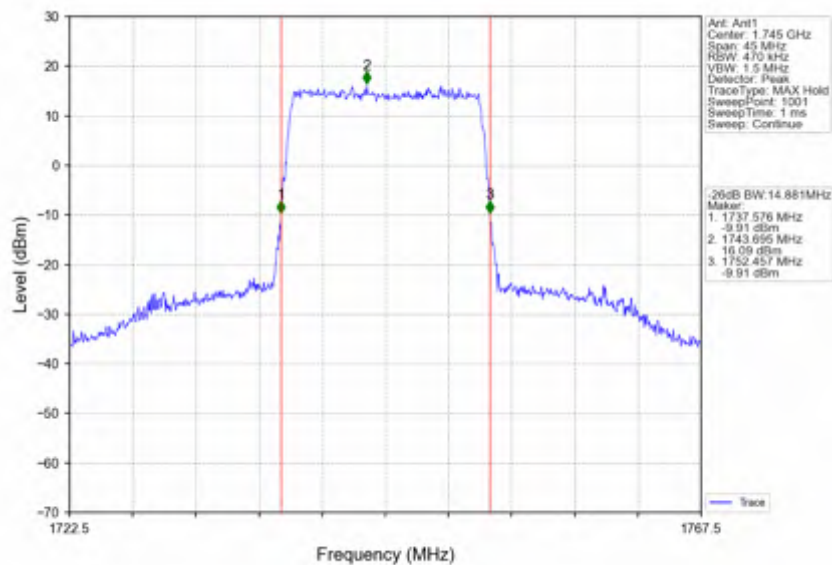


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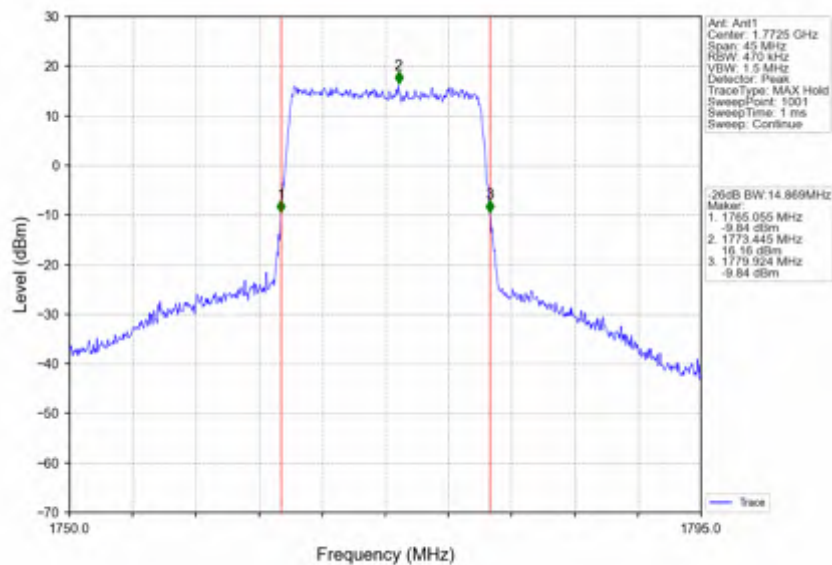
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Band66_15MHz_256QAM_HCH_1772.5MHz_RB_75_0_NTNV



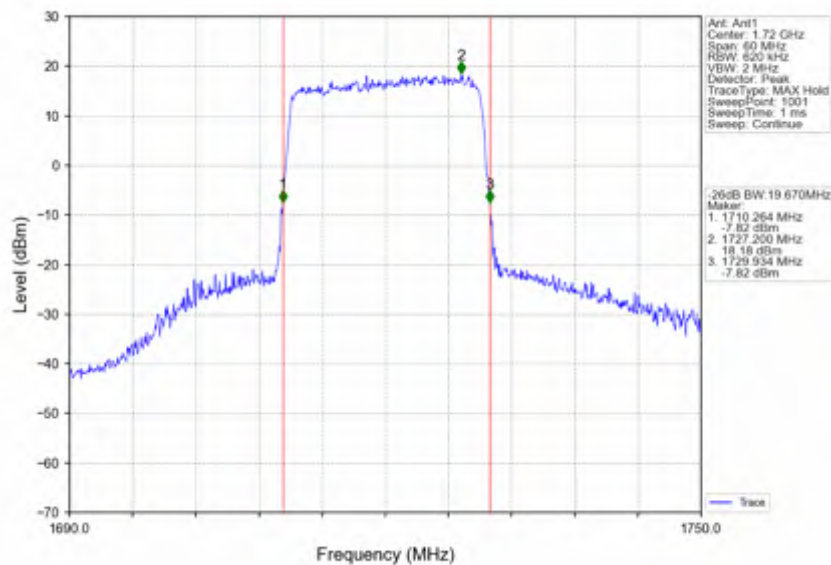
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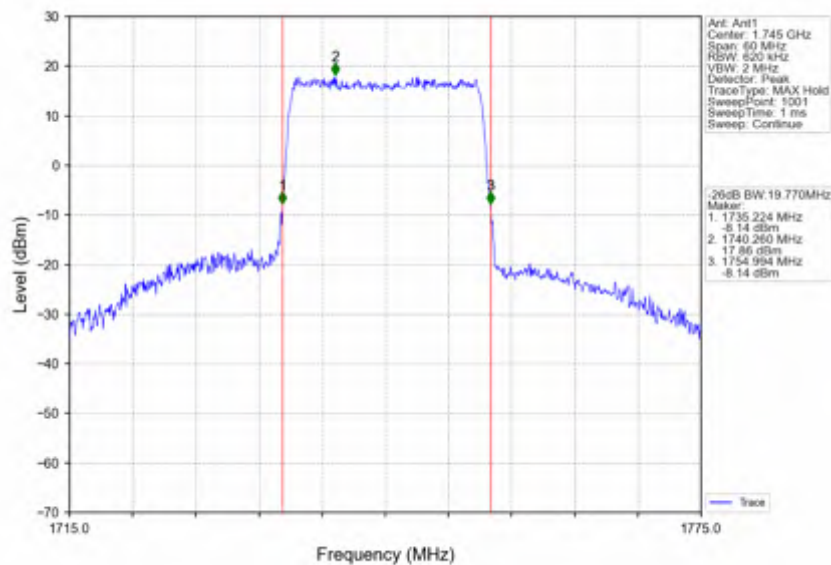
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Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



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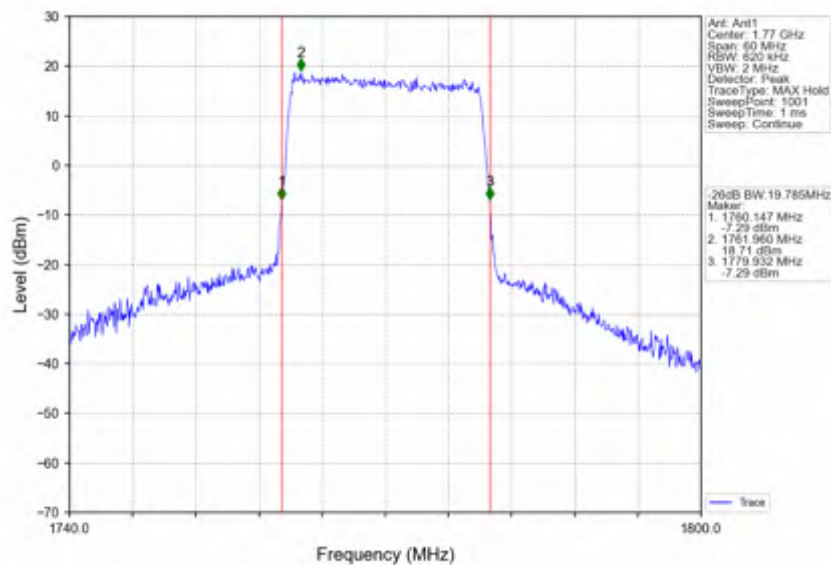
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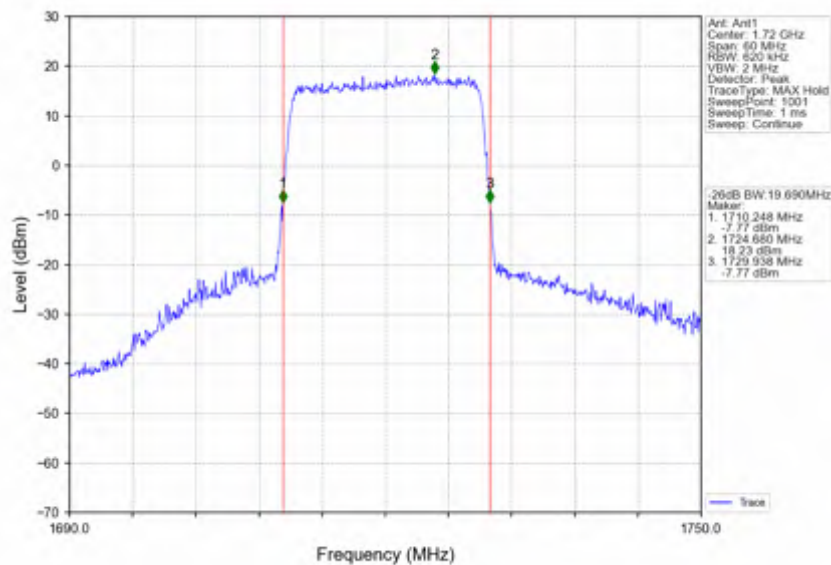
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Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



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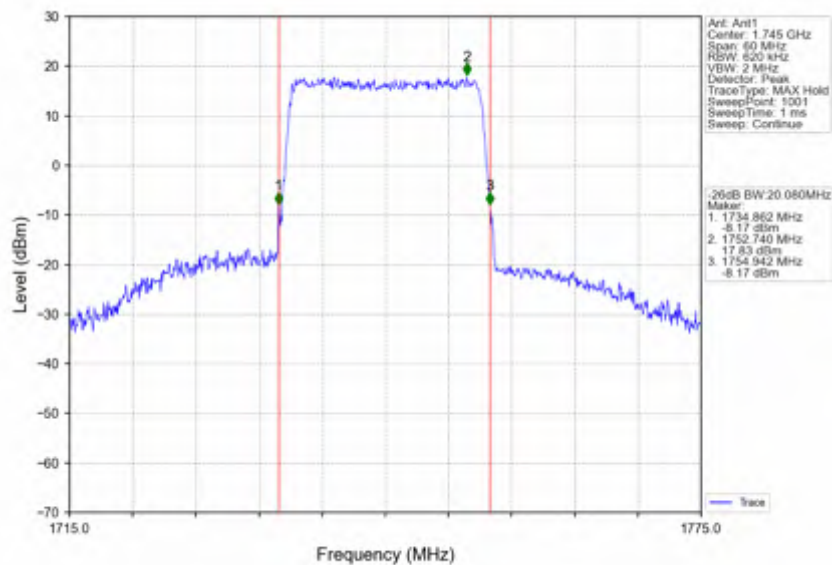
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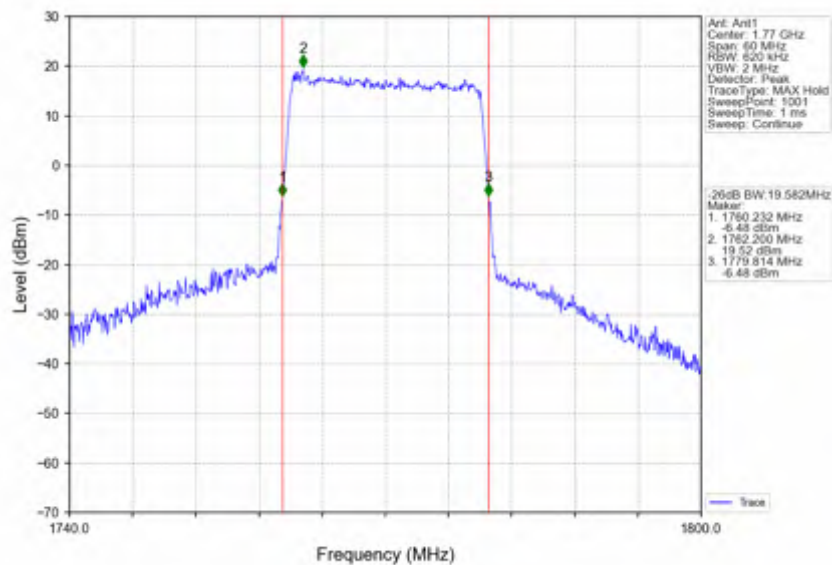
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Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



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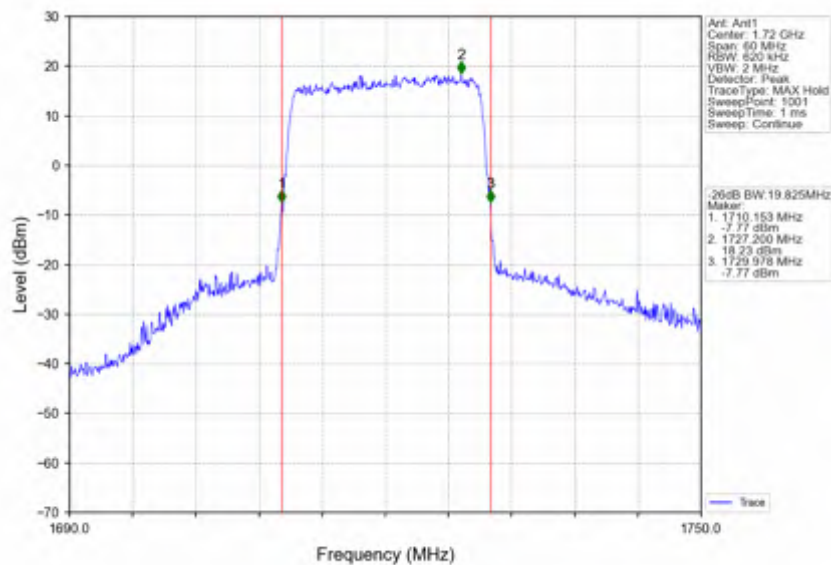
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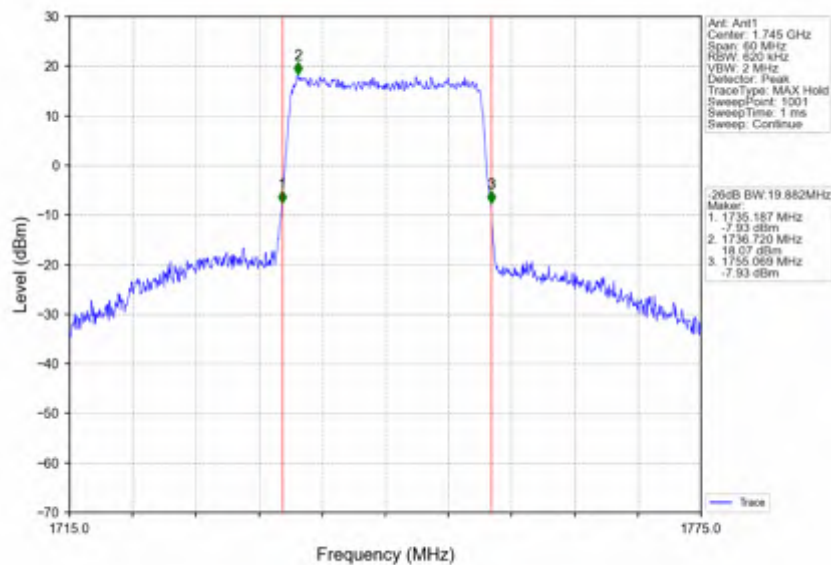
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Band66_20MHz_64QAM_MCH_1745MHz_RB_100_0_NTNV



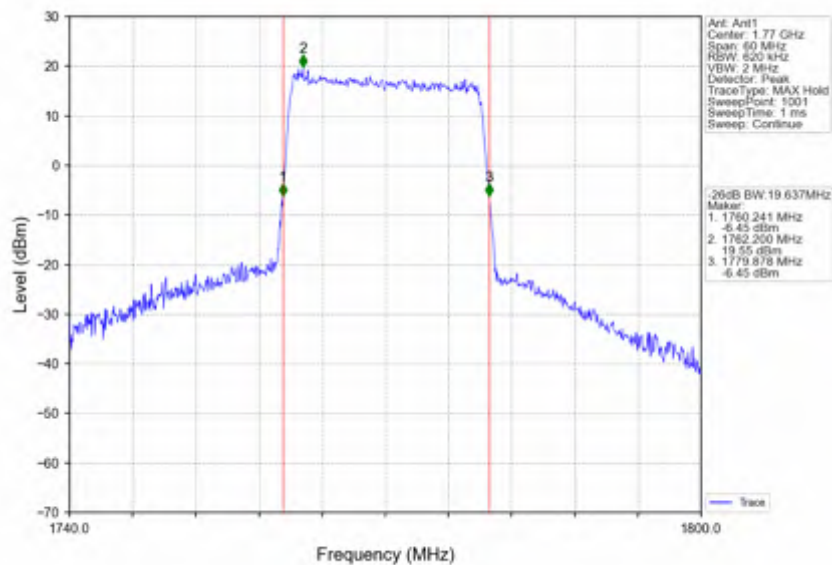
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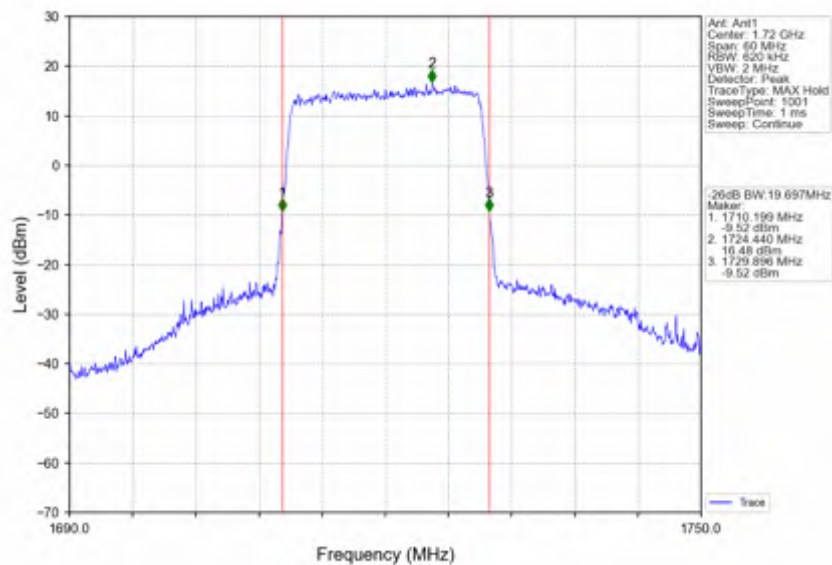
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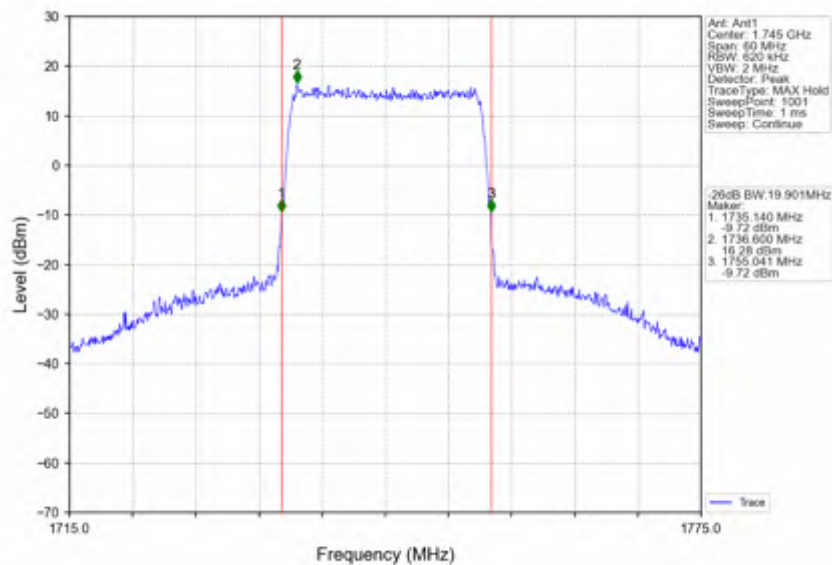
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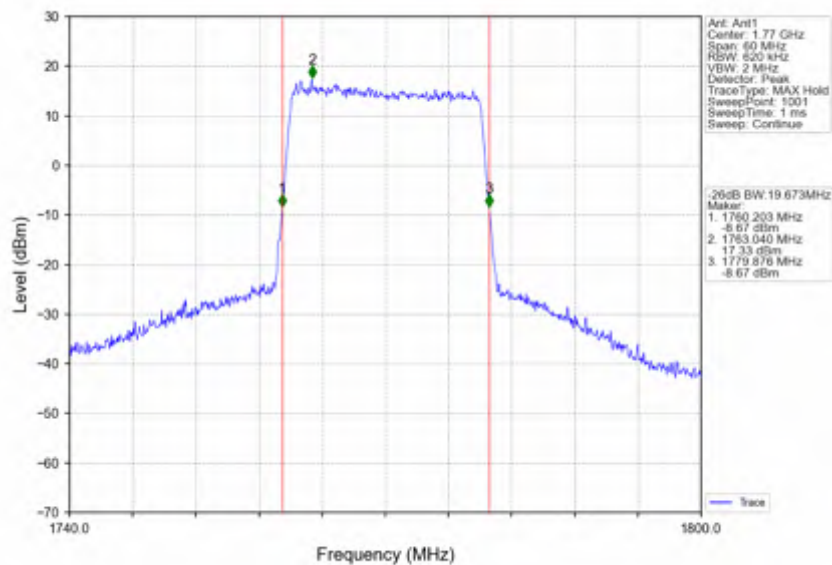
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14.99% & 26dB Bandwidth

14.1 LTE_7C_XDB

14.1.1 Test Result

	OBW(MHZ)					26db(MHZ)				
	PCC	SCC	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10+20	20805	20949	28.1	27.913	27.897	27.874	30.06	29.98	29.97	29.94
	21006	21150	27.543	27.933	27.901	27.903	29.87	29.97	29.99	29.96
	21206	21350	27.462	27.897	27.951	27.908	29.77	29.97	29.9	29.9
20+10	20850	20994	27.618	27.99	27.893	27.638	30.1	30.12	30.09	30.01
	21051	21195	27.588	27.973	27.921	27.930	29.99	30.22	30.15	30.21
	21251	21395	27.451	27.871	27.892	27.823	30.01	30.88	30.15	30.11
15+10	20825	20945	22.935	23.446	23.460	23.146	25.22	25.49	25.37	25.45
	21051	21171	22.969	23.464	23.450	23.470	25.37	25.48	25.42	25.50
	21277	21397	22.883	23.421	23.413	23.255	25.31	25.45	25.41	25.37
15+15	20825	20978	28.110	28.553	28.539	28.528	30.50	30.68	30.60	30.53
	21025	21175	28.171	28.611	28.618	28.505	30.55	30.76	30.61	30.44
	21225	21375	28.074	28.506	28.518	28.517	30.49	30.68	30.66	30.55
15+20	20828	20999	32.318	32.738	32.700	32.599	34.79	34.95	34.95	35.93
	21003	21174	32.223	32.752	32.757	32.775	34.89	34.95	34.97	34.99
	21178	21350	32.093	32.715	32.677	32.580	34.75	34.95	34.91	34.96
20+15	20850	21021	32.323	32.726	32.706	32.733	35.00	35.04	34.98	34.96
	21026	21197	32.351	32.888	32.847	32.862	35.14	35.18	35.09	35.08
	21201	21372	32.234	32.661	32.675	32.660	34.80	35.19	35.10	35.17
20+20	20850	21048	36.995	37.478	37.411	37.501	40.16	39.93	39.82	39.89
	21001	21199	36.995	37.604	37.538	37.648	39.72	39.92	39.89	39.98
	21152	21350	36.889	37.428	37.452	37.497	39.72	39.94	39.92	39.93