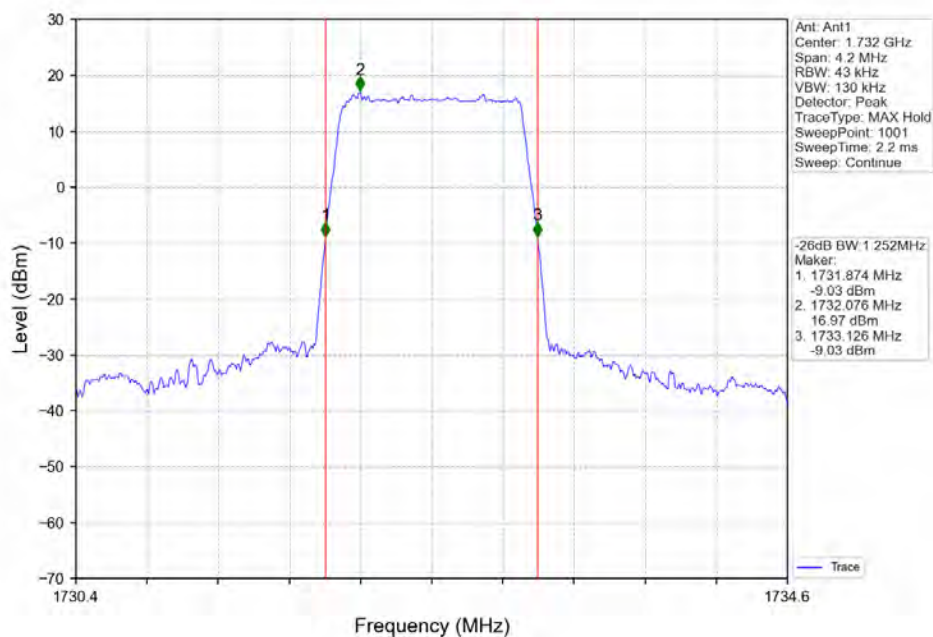




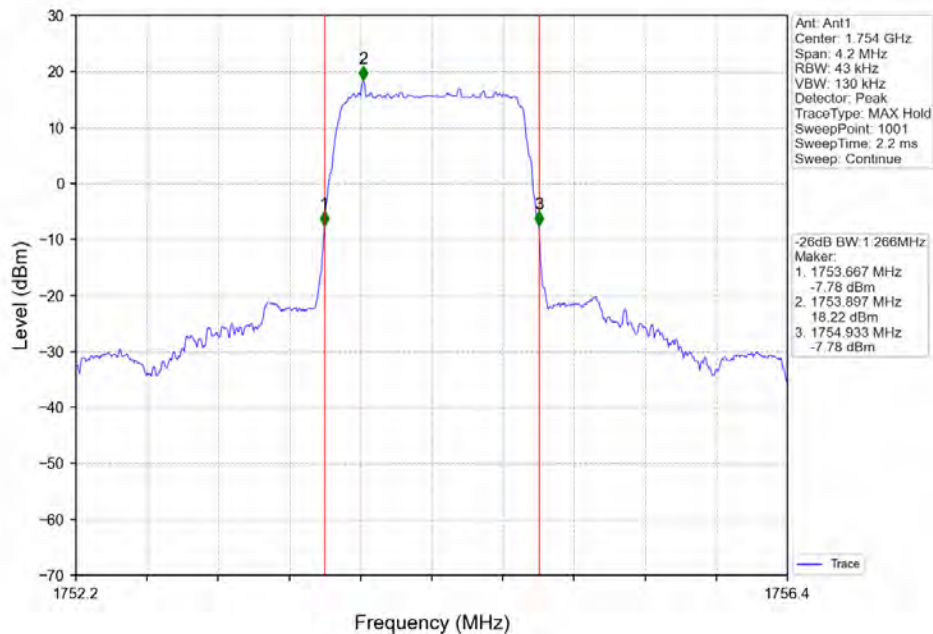
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Test Report No.: W7L-P20210616-3RF03

Band 4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



Band 4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



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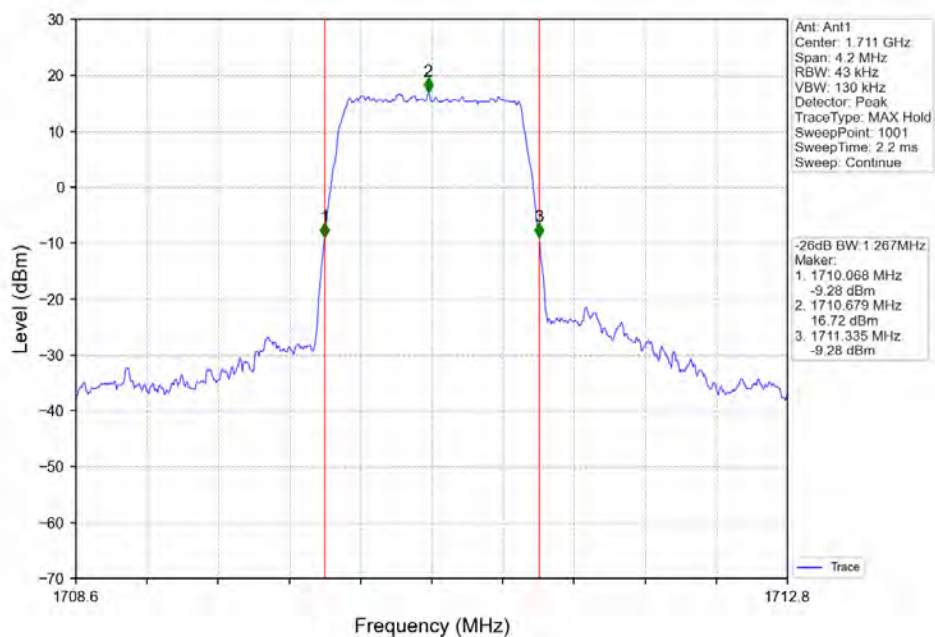
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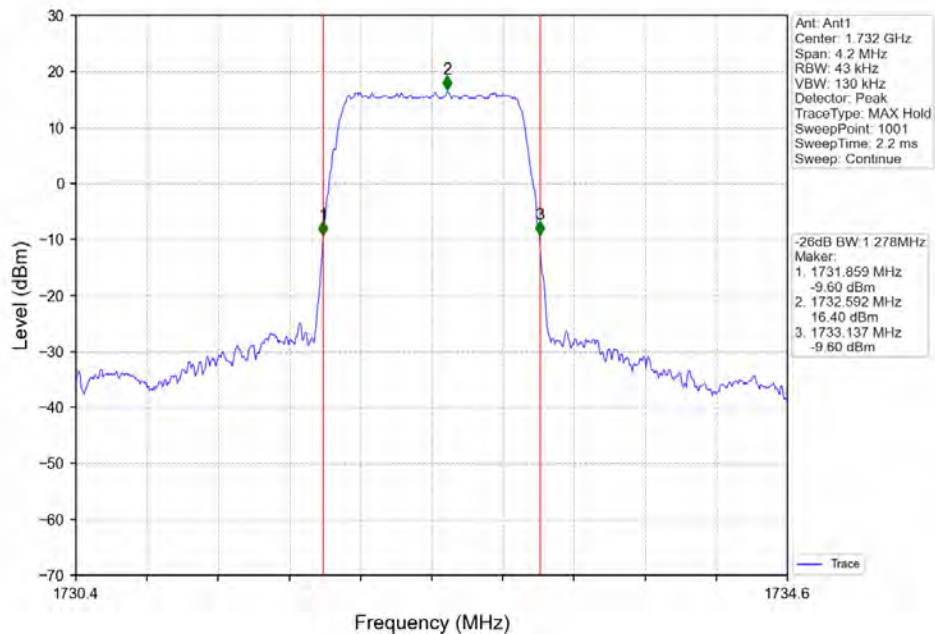
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Test Report No.: W7L-P20210616-3RF03

Band 4 1.4MHz 64QAM LCH 1710.7MHz RB 6 0 NTNV



Band 4 1.4MHz 64QAM MCH 1732.5MHz RB 6 0 NTNV



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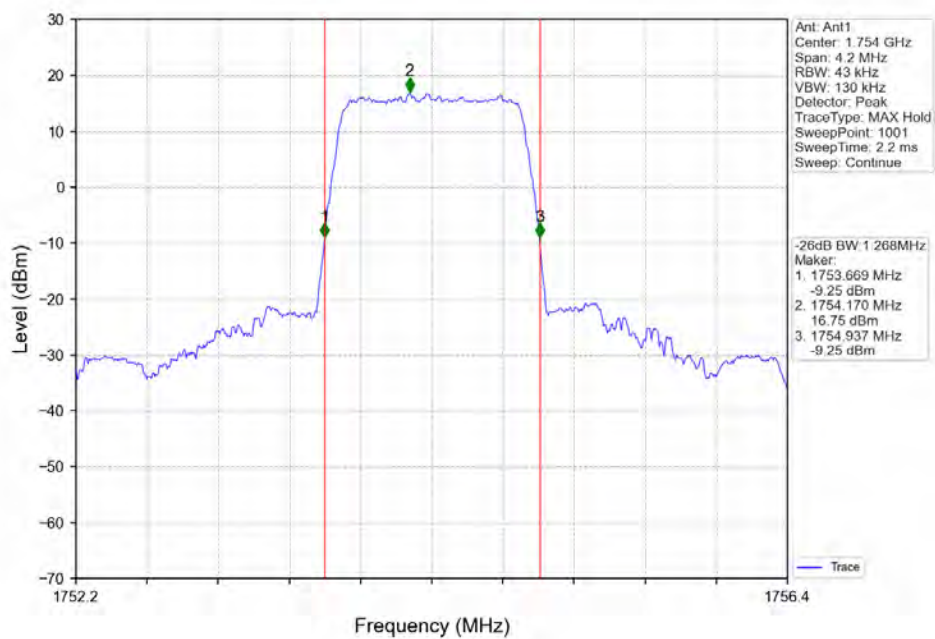
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Test Report No.: W7L-P20210616-3RF03

Band 4 1.4MHz 64QAM HCH 1754.3MHz RB 6 0 NTNV



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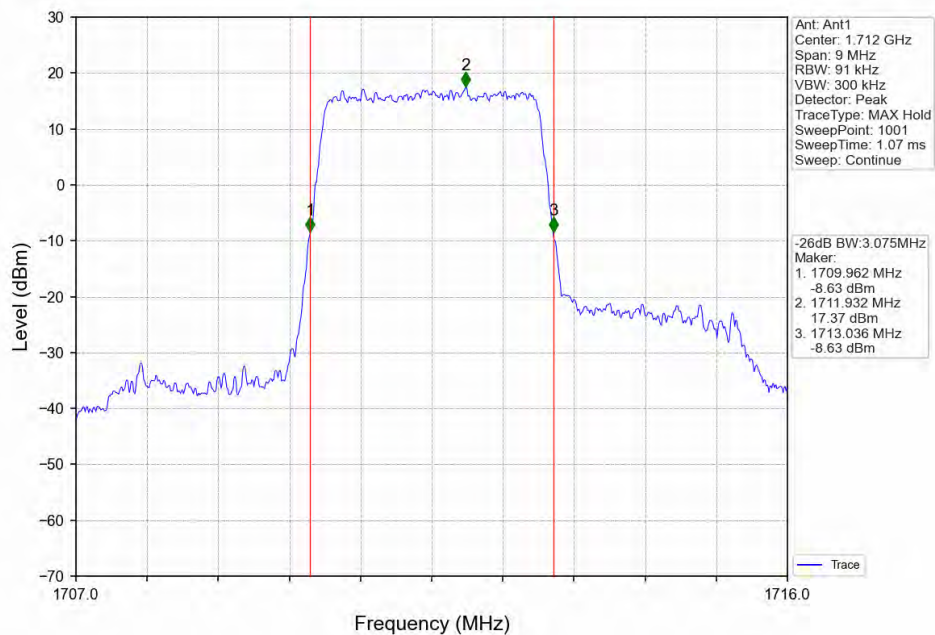
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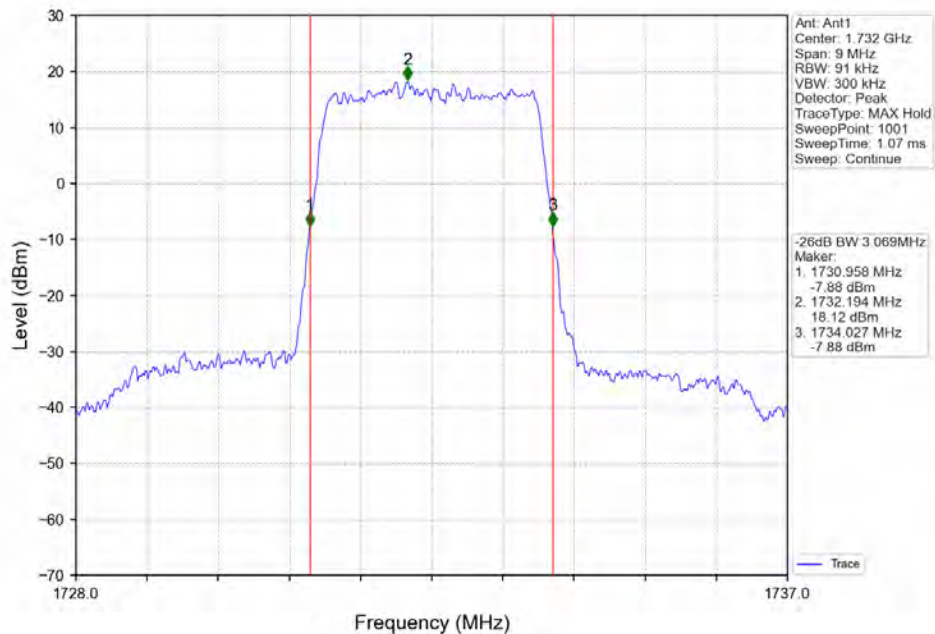
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Test Report No.: W7L-P20210616-3RF03

Band 4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTN



Band 4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTN



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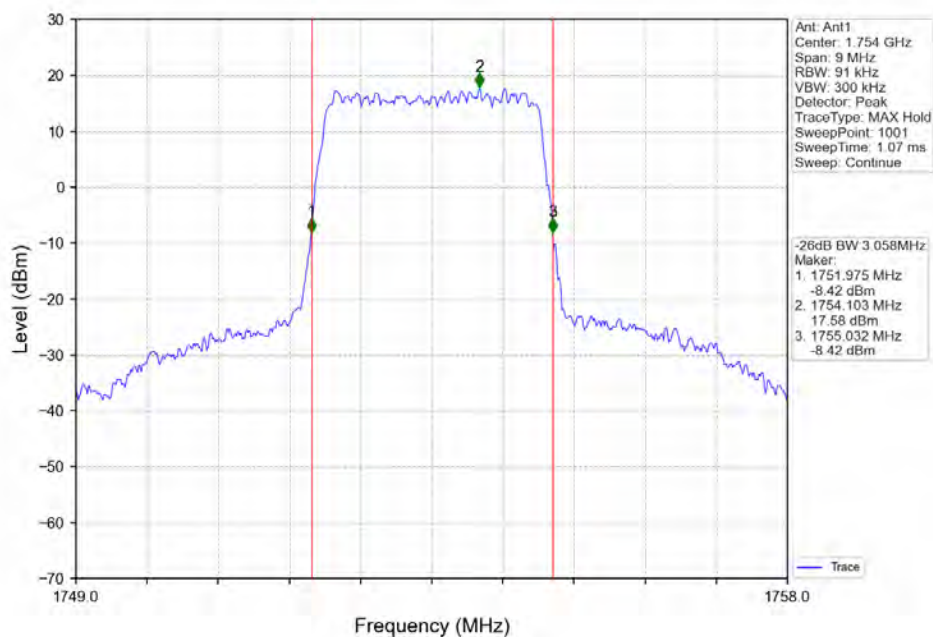
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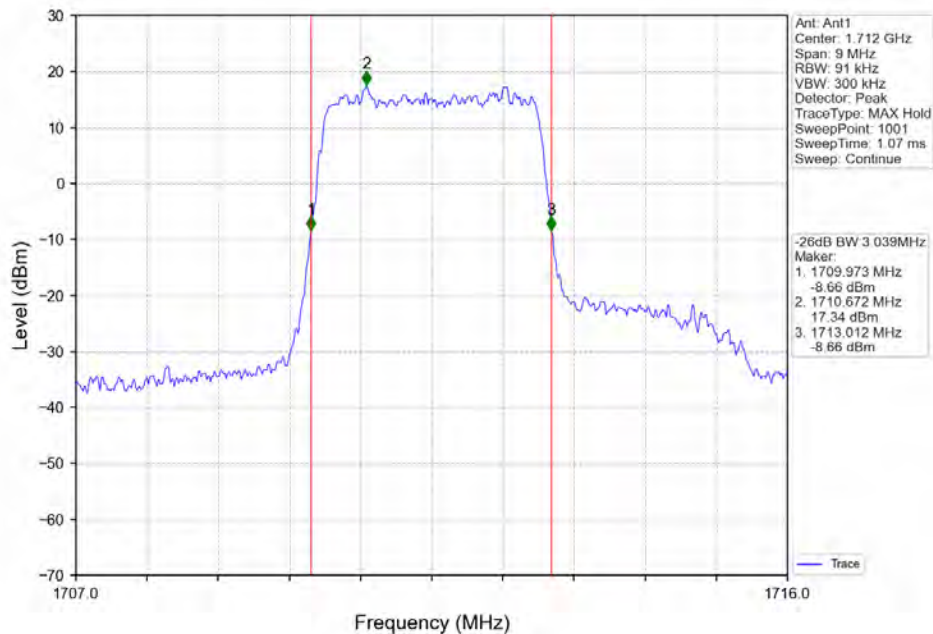
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Test Report No.: W7L-P20210616-3RF03

Band 4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTNV



Band 4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



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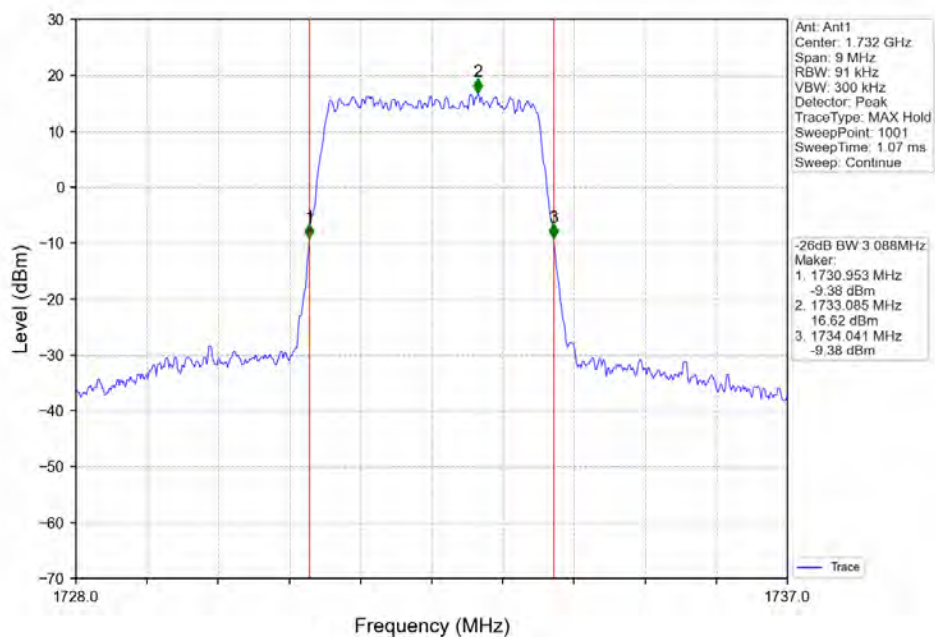
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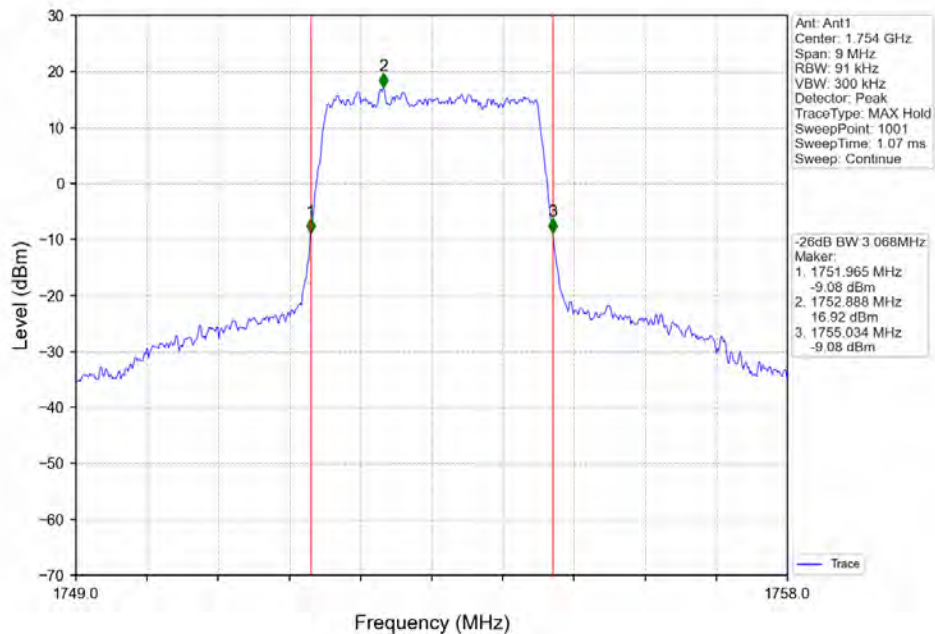
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Test Report No.: W7L-P20210616-3RF03

Band 4 3MHz 16QAM MCH 1732.5MHz RB 15_0 NTN



Band 4 3MHz 16QAM HCH 1753.5MHz RB 15_0 NTN



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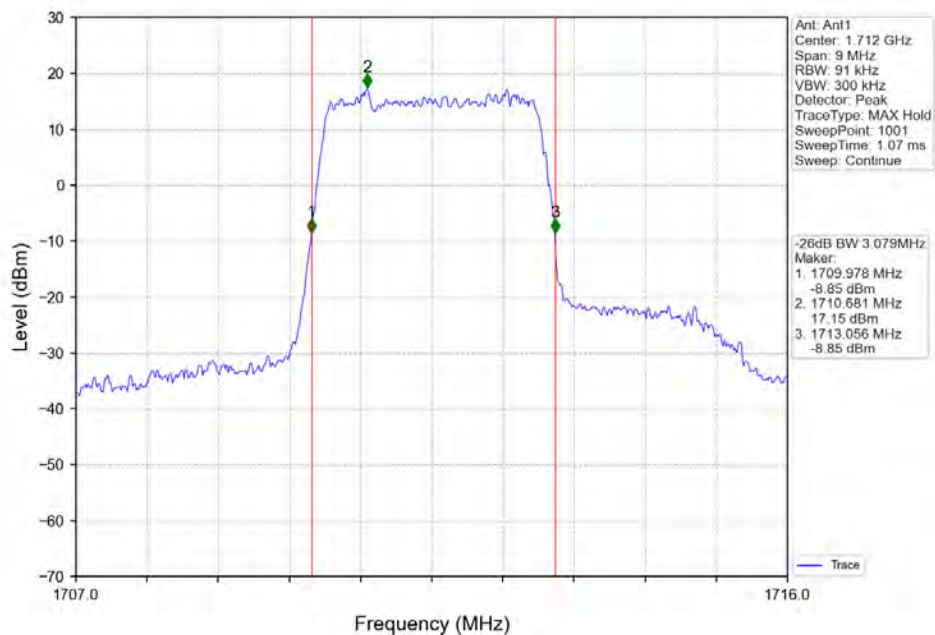
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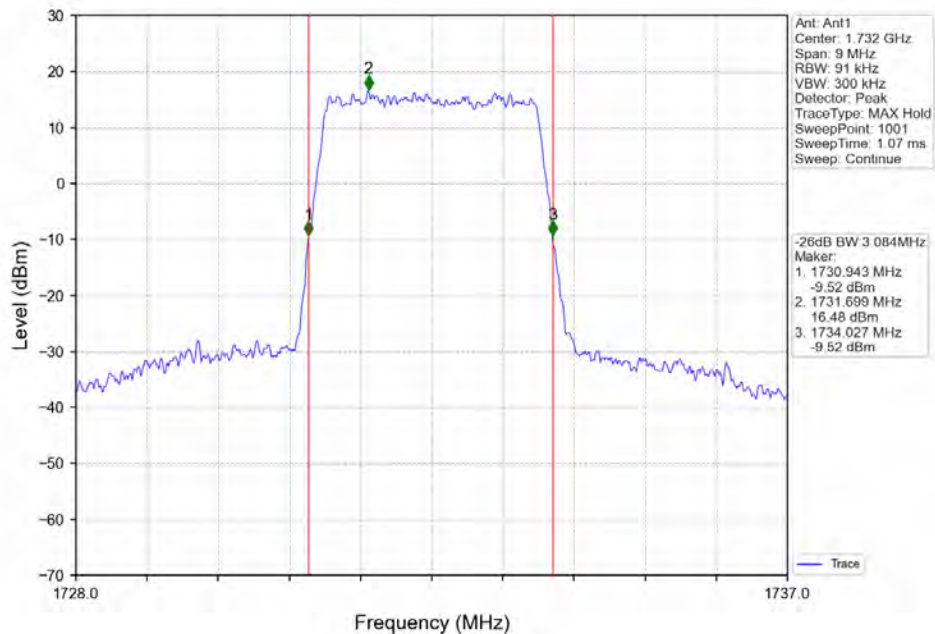
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Band 4 3MHz 64QAM LCH 1711.5MHz RB 15_0 NTN



Band 4 3MHz 64QAM MCH 1732.5MHz RB 15_0 NTN



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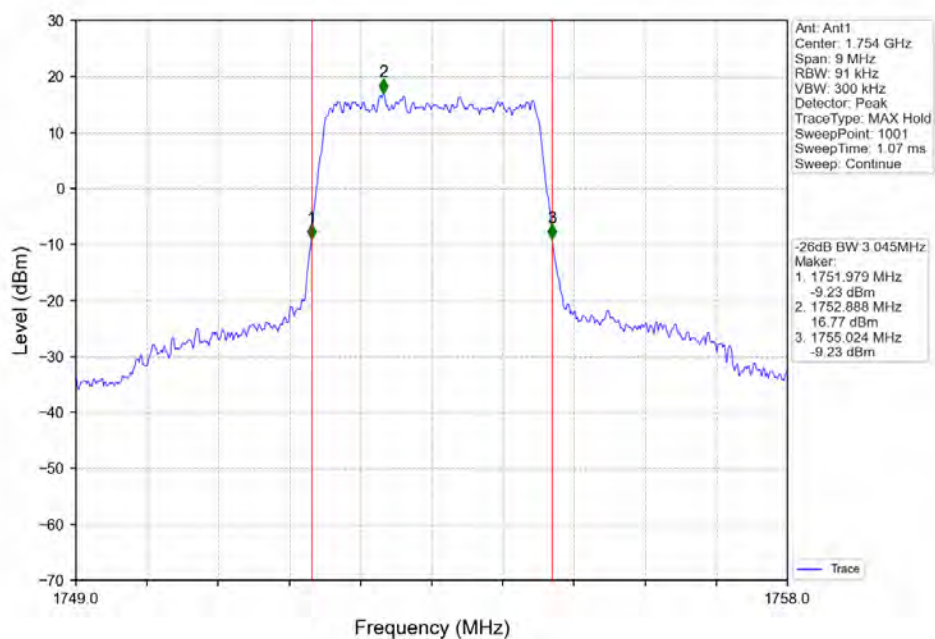
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Band 4 3MHz 64QAM HCH 1753.5MHz RB 15_0 NTNV



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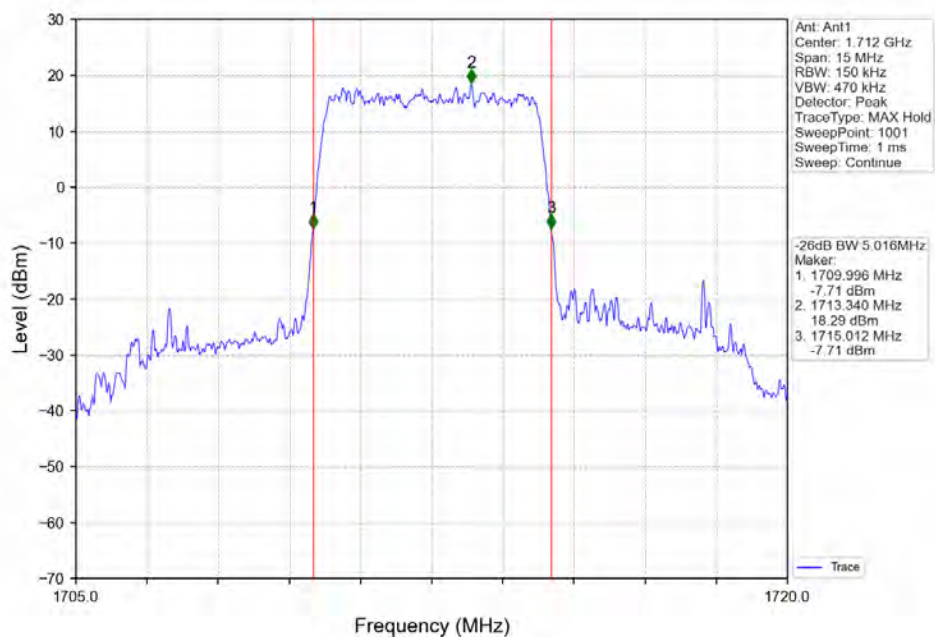
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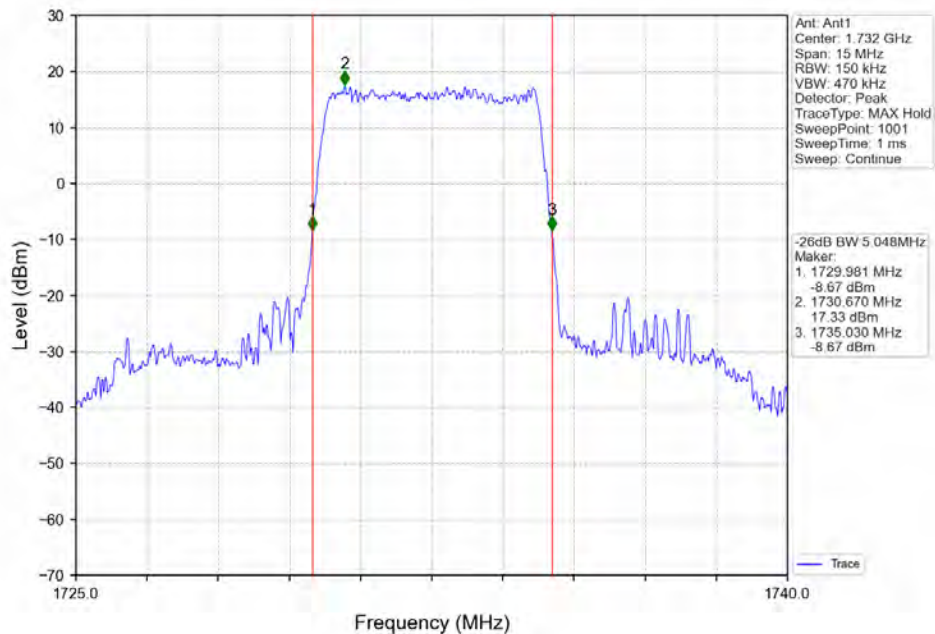
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Test Report No.: W7L-P20210616-3RF03

Band 4 5MHz QPSK LCH 174.0.5MHz RB 25 0 NTNV



Band 4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



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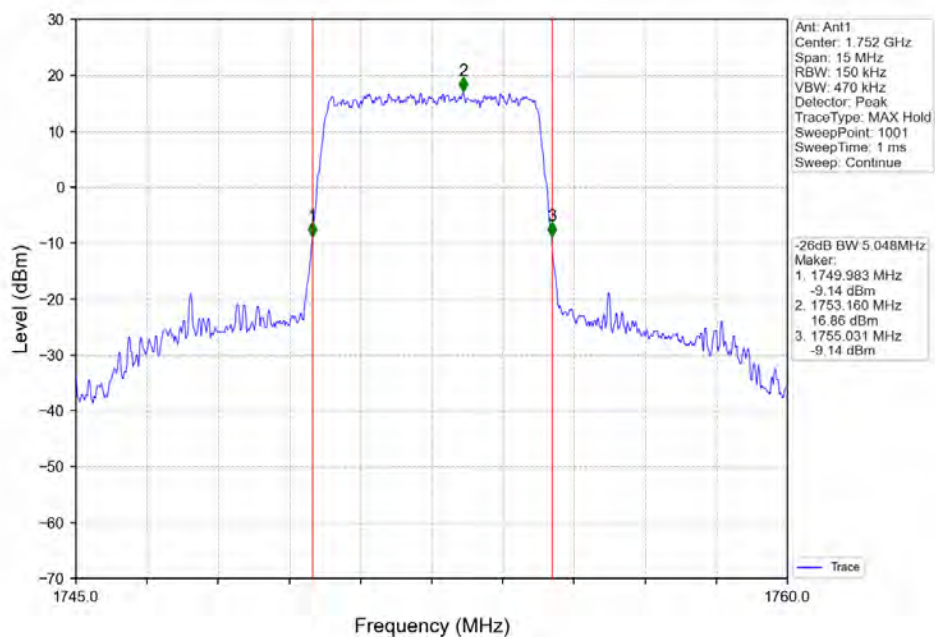
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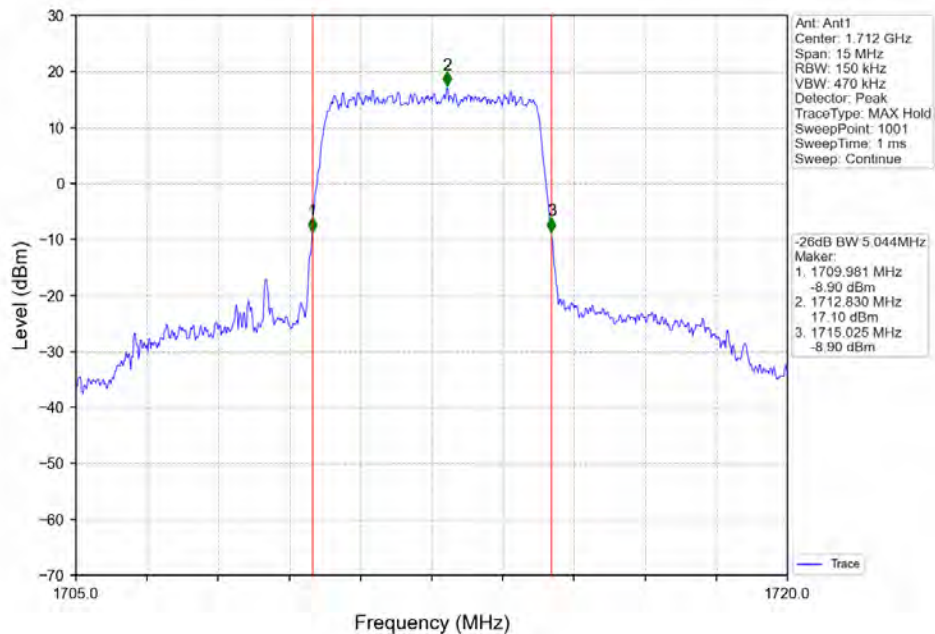
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Band 4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTNV



Band 4 5MHz 16QAM LCH 174.0.5MHz RB 25 0 NTNV



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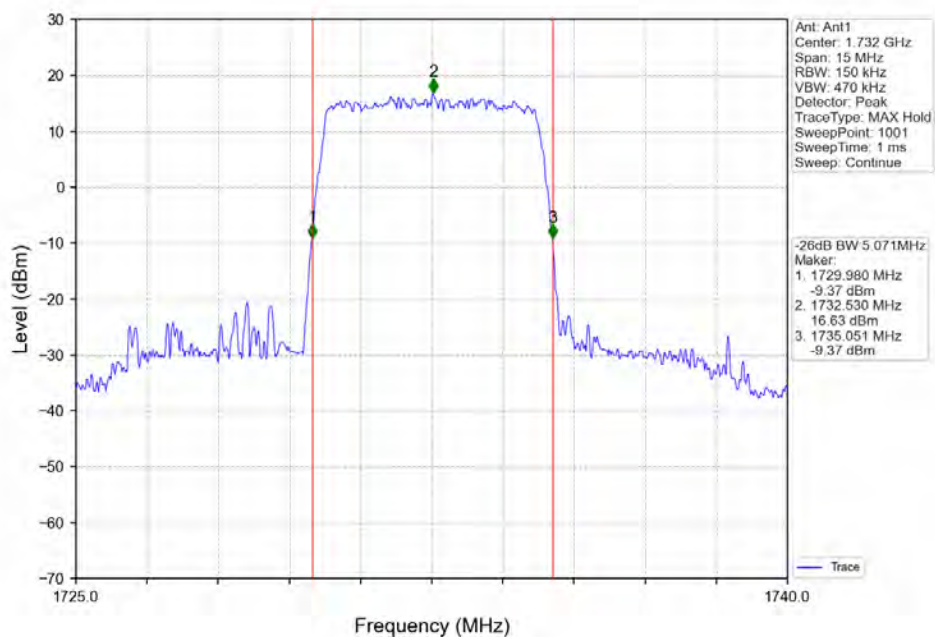
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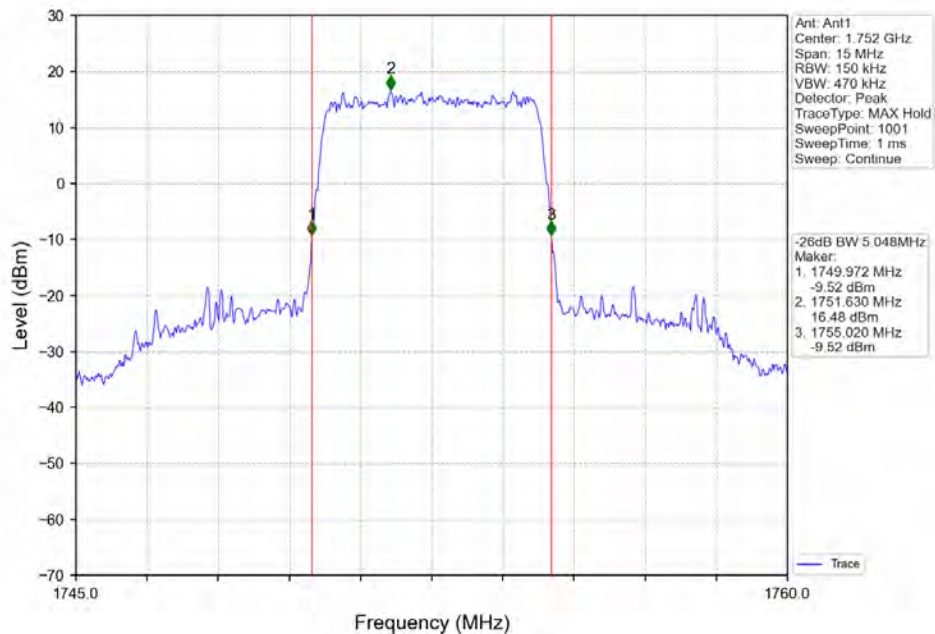
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Band 4 5MHz 16QAM MCH 1732.5MHz RB 25_0 NTN



Band 4 5MHz 16QAM HCH 1752.5MHz RB 25_0 NTN



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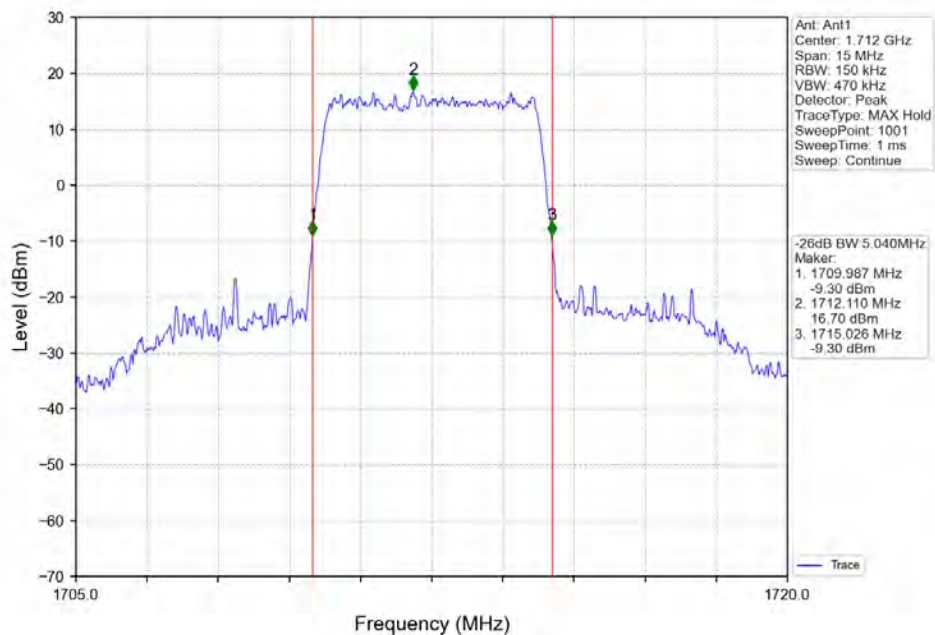
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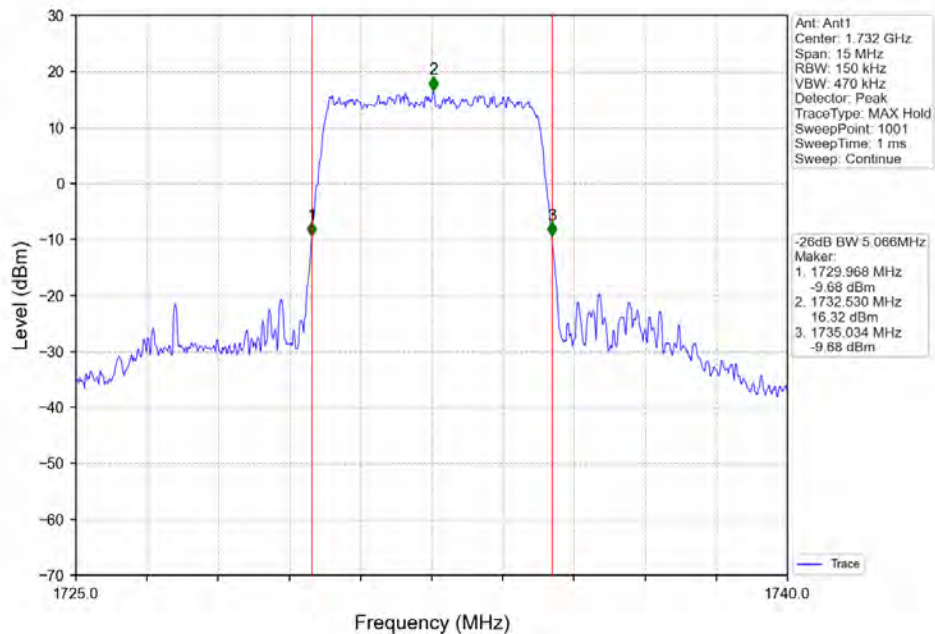
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Band 4 5MHz 64QAM LCH 174.0.5MHz RB 25_0 NTN



Band 4 5MHz 64QAM MCH 1732.5MHz RB 25_0 NTN



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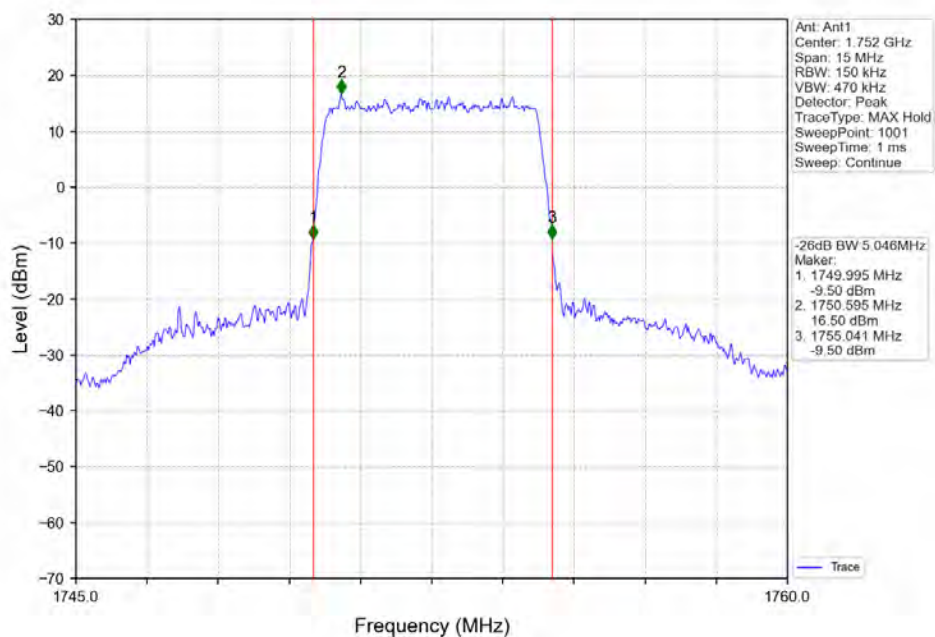
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Band 4 5MHz 64QAM HCH 1752.5MHz RB 25_0 NTN



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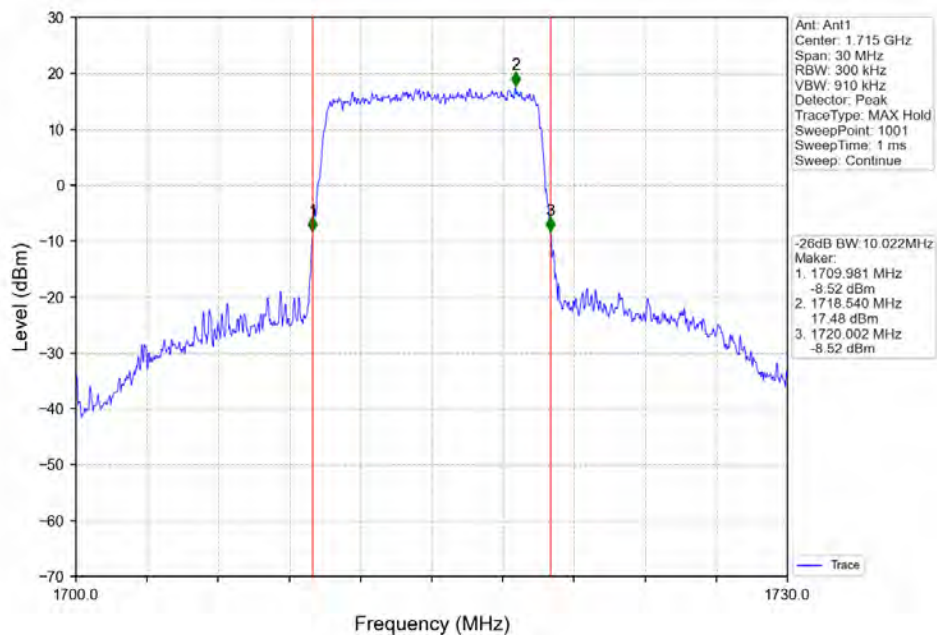
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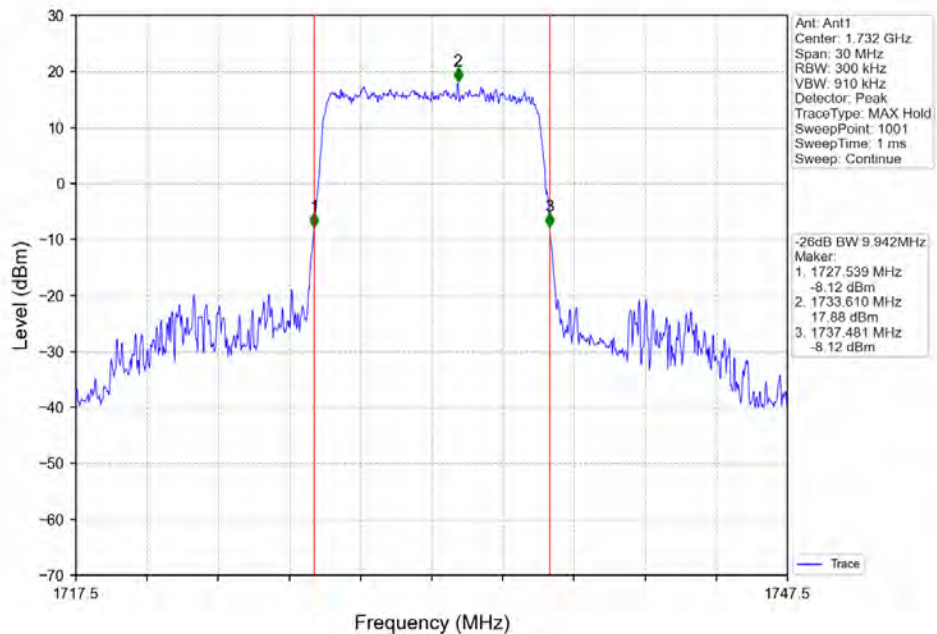
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Test Report No.: W7L-P20210616-3RF03

Band 4 10MHz QPSK LCH 1715MHz RB 50 0 NTN



Band 4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTN



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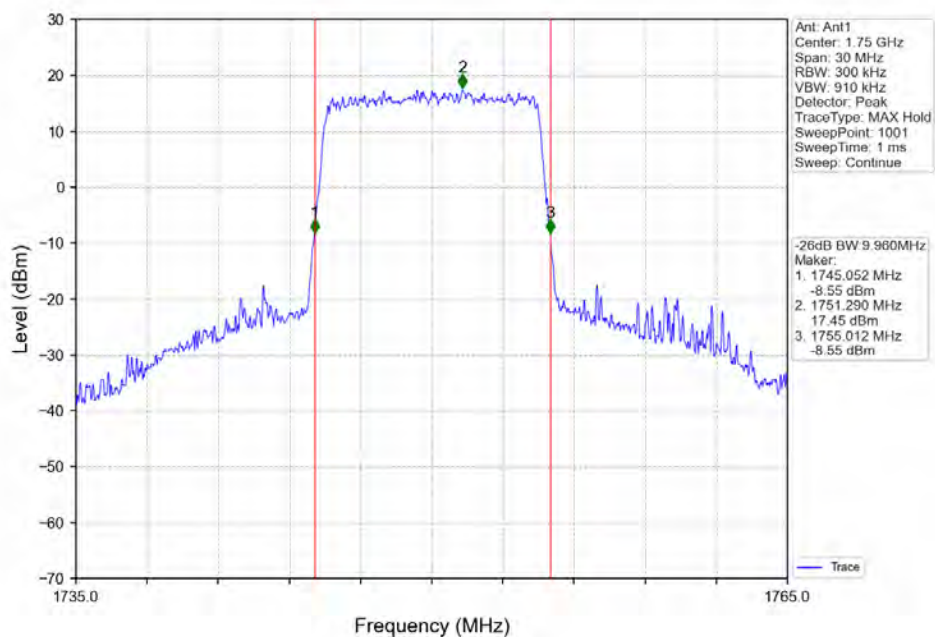
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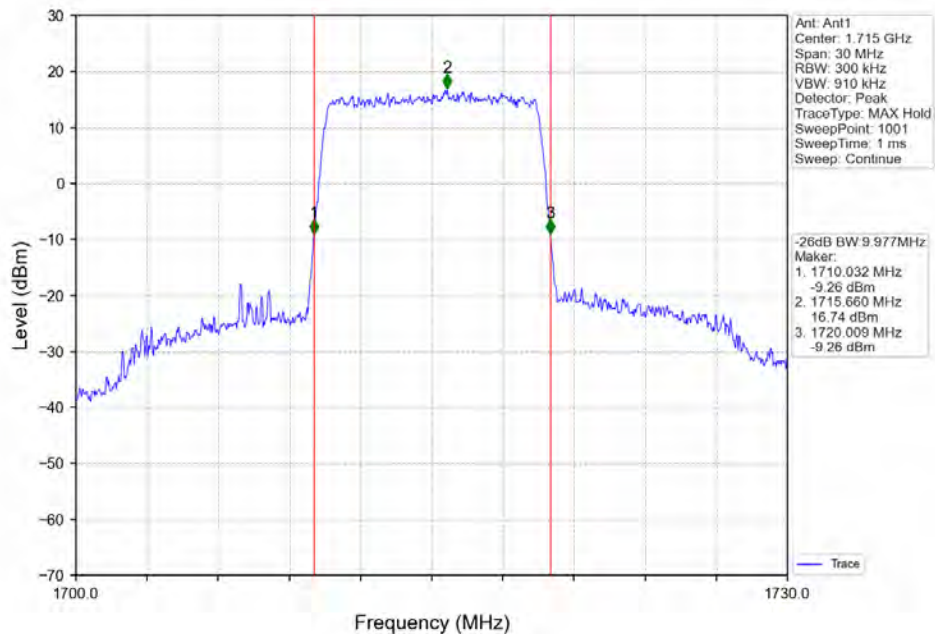
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Test Report No.: W7L-P20210616-3RF03

Band 4 10MHz QPSK HCH 1750MHz RB 50 0 NTV



Band 4 10MHz 16QAM LCH 1715MHz RB 50 0 NTV



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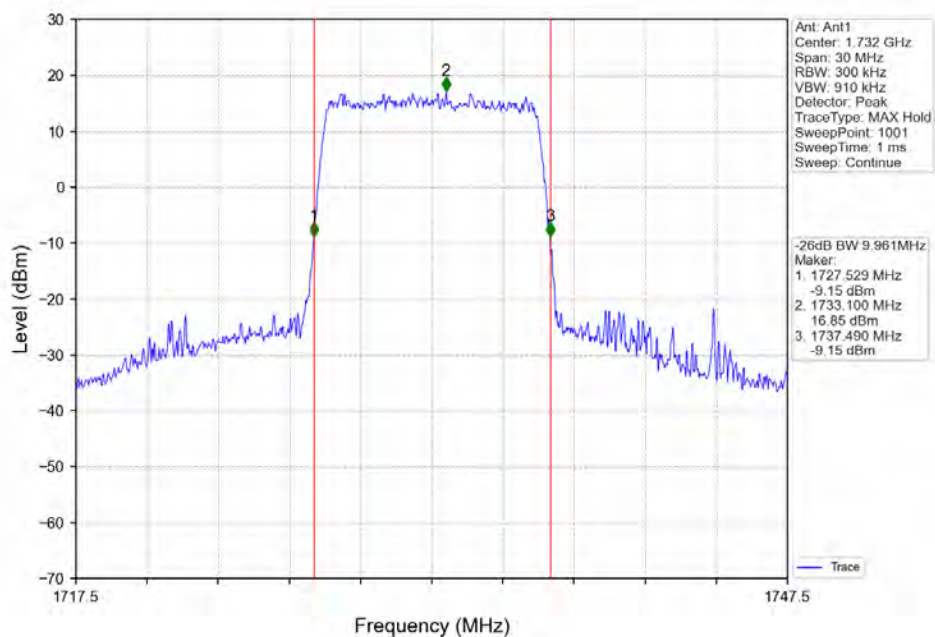
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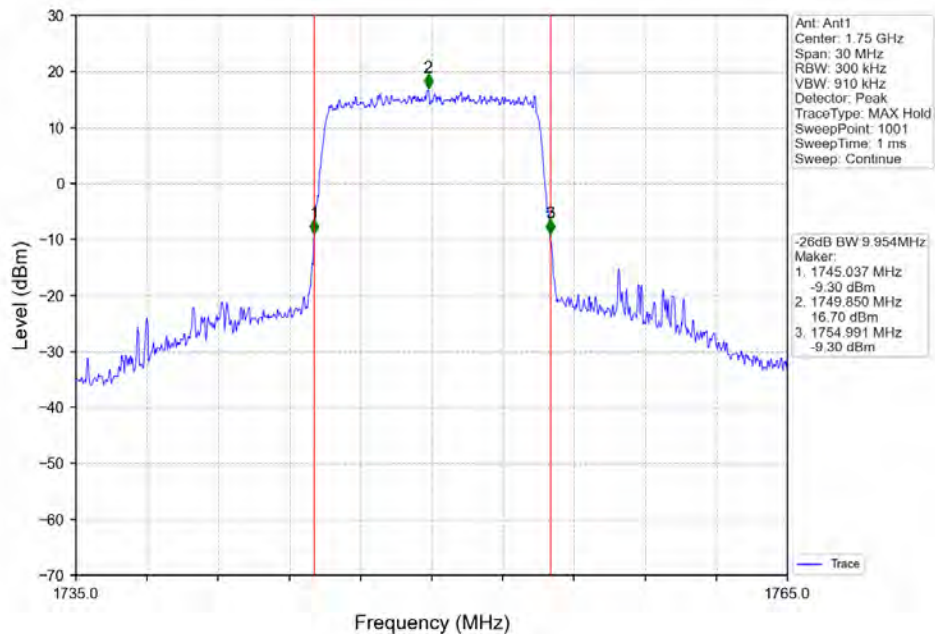
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Test Report No.: W7L-P20210616-3RF03

Band 4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTNV



Band 4 10MHz 16QAM HCH 1750MHz RB 50 0 NTNV



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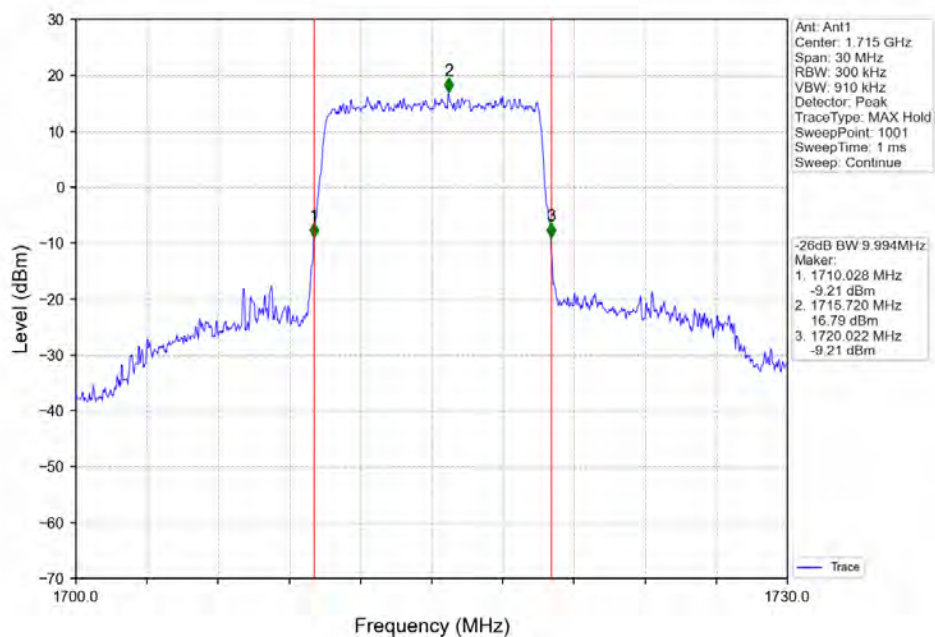
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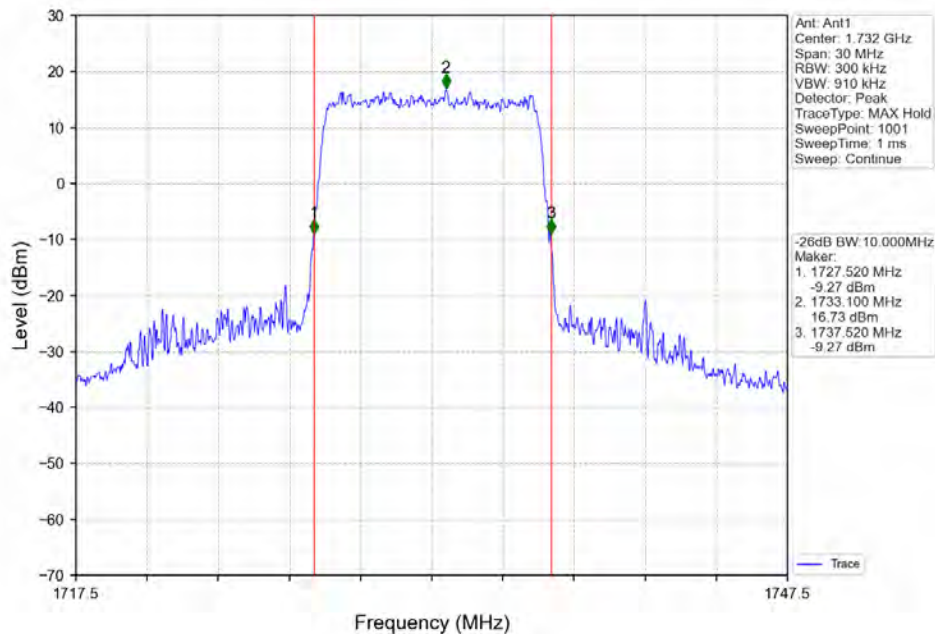
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Test Report No.: W7L-P20210616-3RF03

Band_4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



Band_4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



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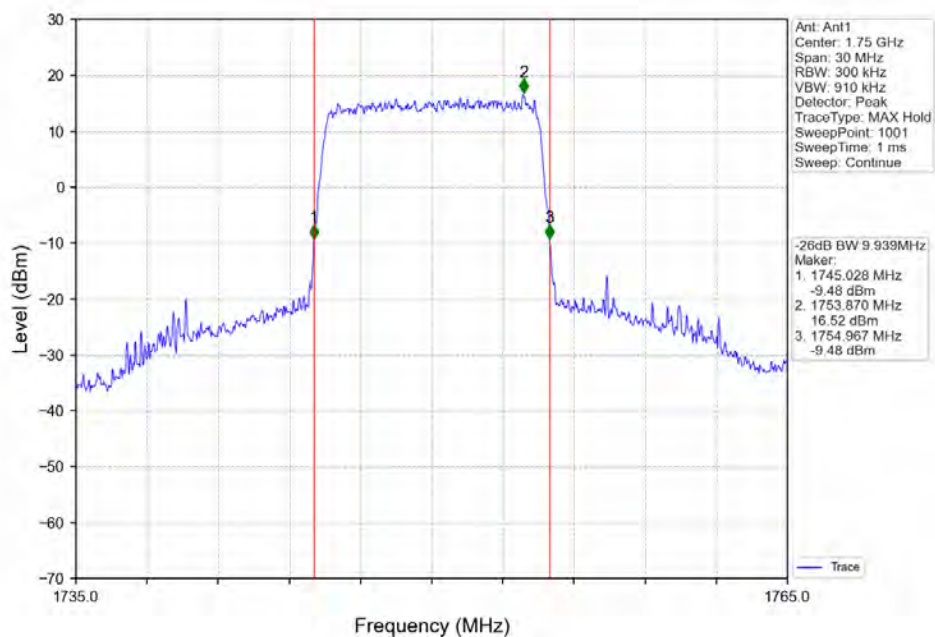
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Band 4 10MHz 64QAM HCH 1750MHz RB 50 0 NTNV



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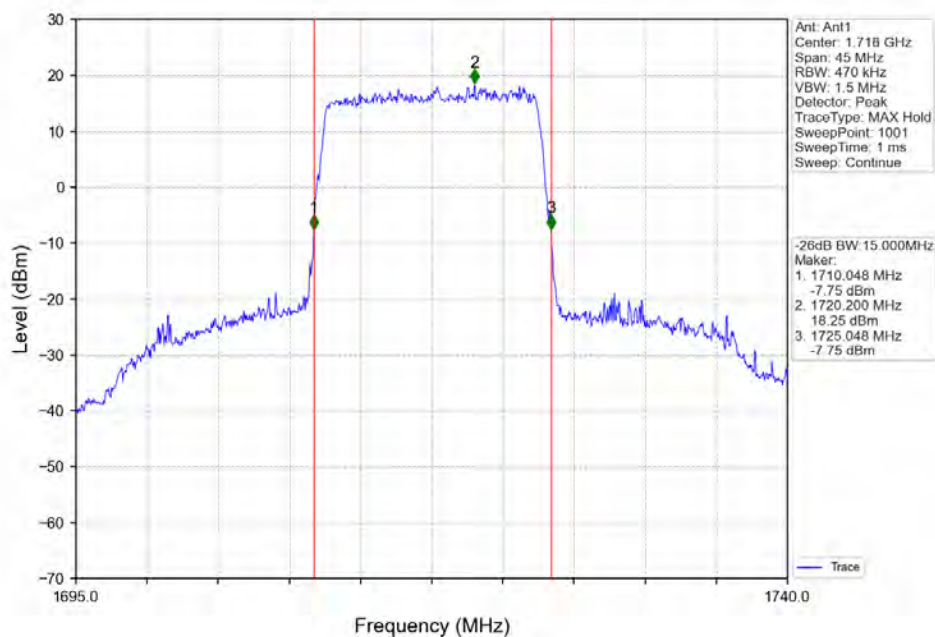
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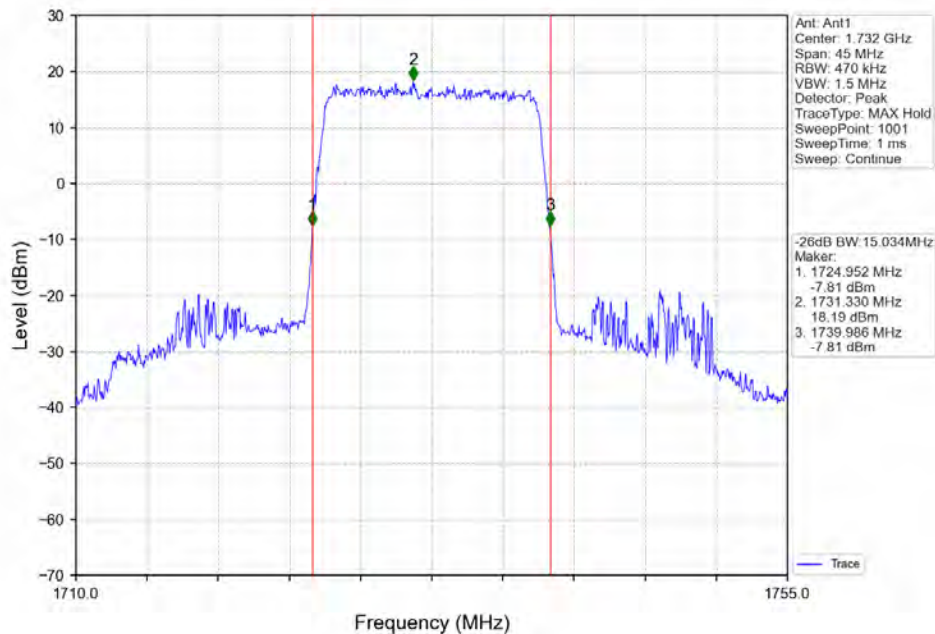
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Test Report No.: W7L-P20210616-3RF03

Band 4 15MHz QPSK LCH 1717.5MHz RB 75_0 NTNV



Band 4 15MHz QPSK MCH 1732.5MHz RB 75_0 NTNV



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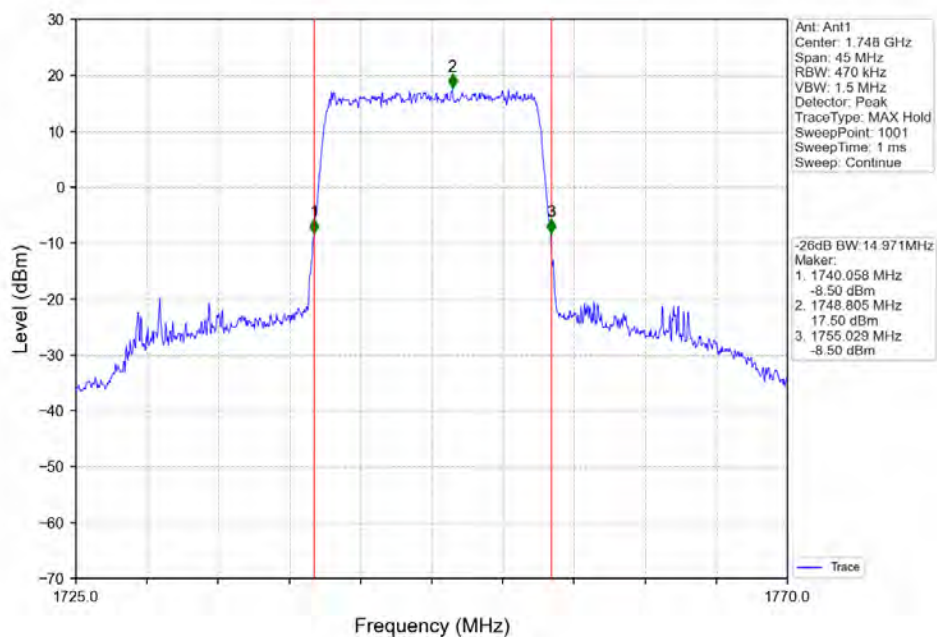
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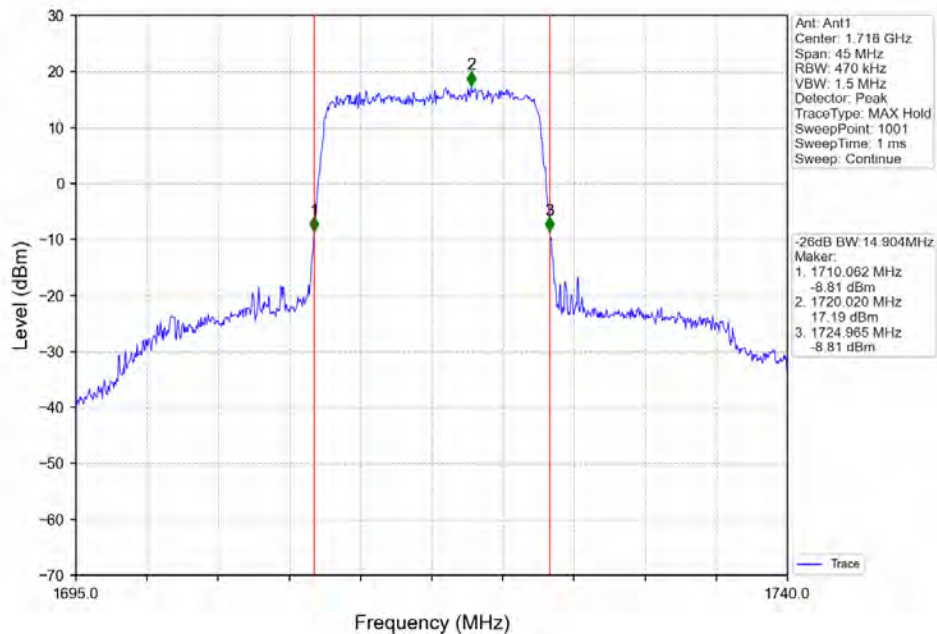
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Band 4 15MHz QPSK HCH 1747.5MHz RB 75_0 NTNV



Band 4 15MHz 16QAM LCH 1717.5MHz RB 75_0 NTNV



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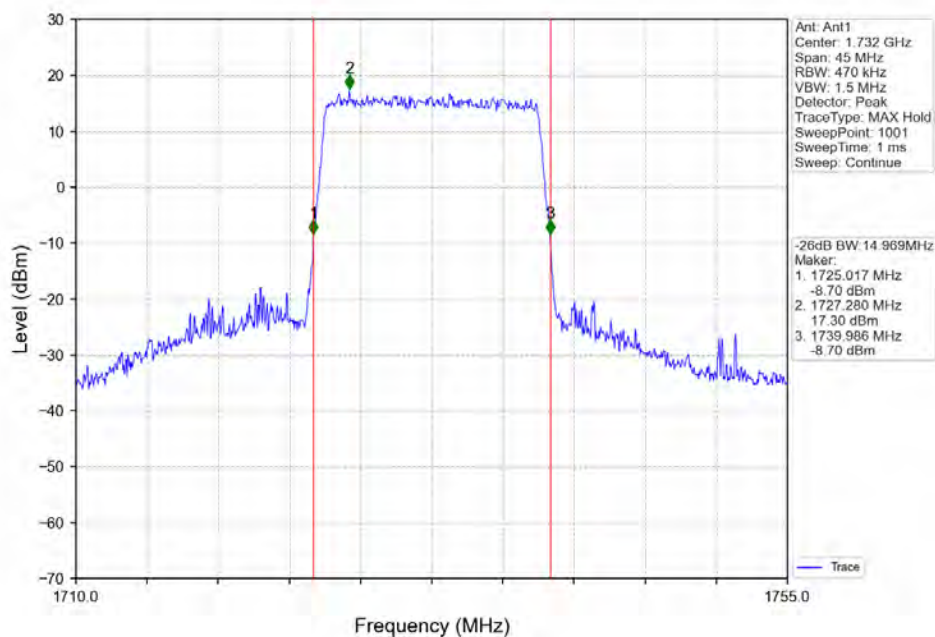
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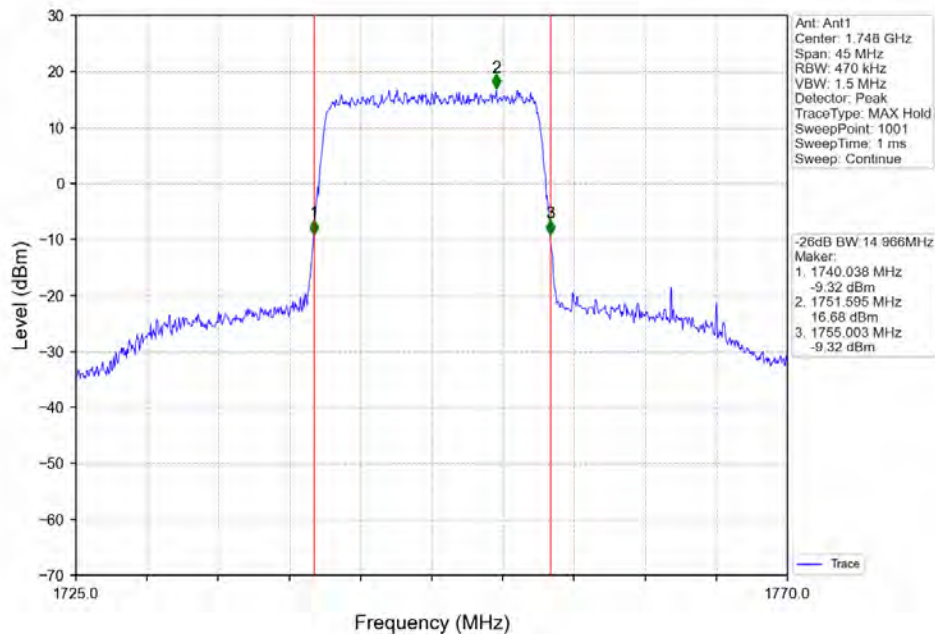
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Test Report No.: W7L-P20210616-3RF03

Band 4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



Band 4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTNV



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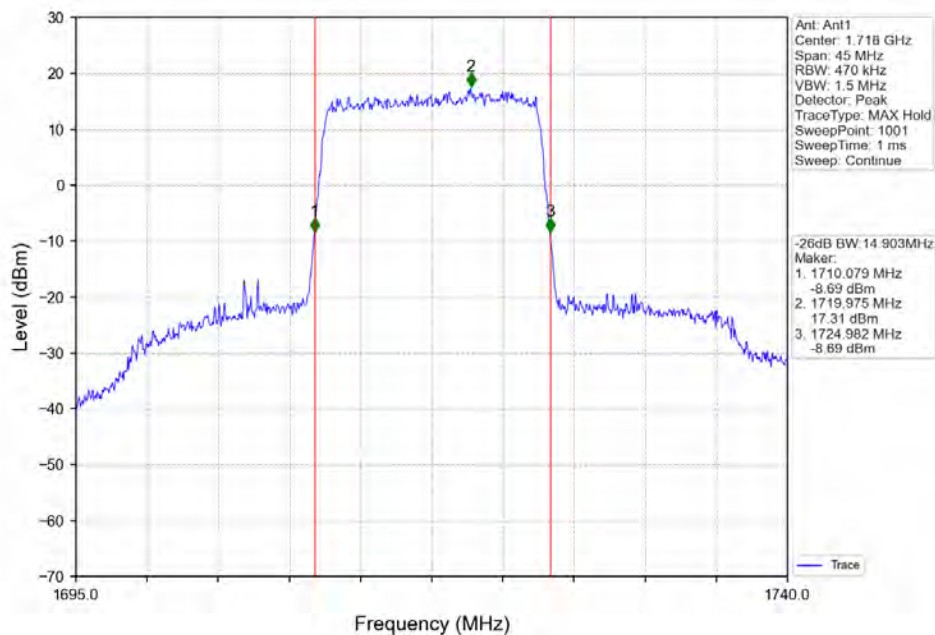
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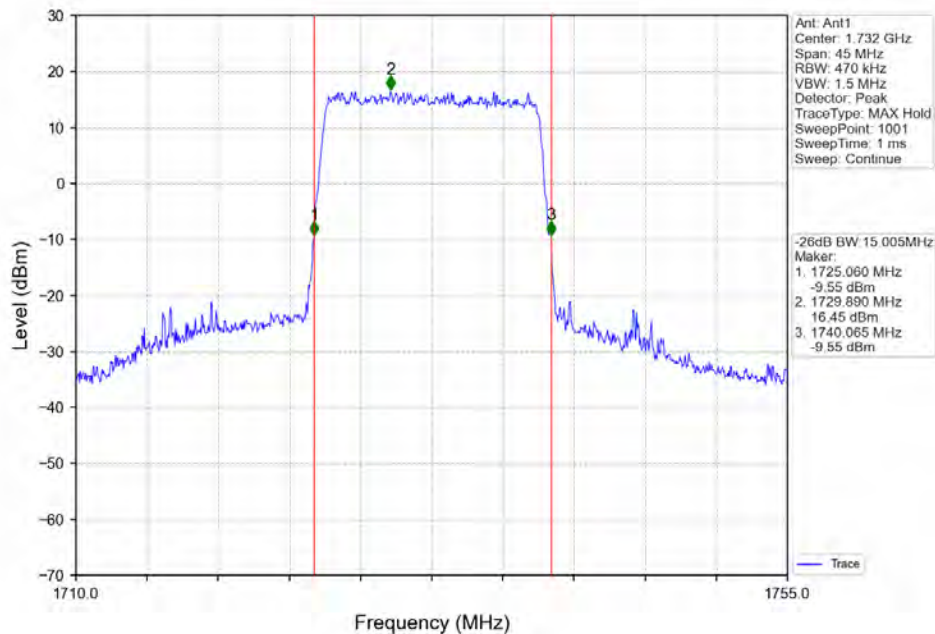
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Band 4 15MHz 64QAM LCH 1717.5MHz RB 75 0 NTNV



Band 4 15MHz 64QAM MCH 1732.5MHz RB 75 0 NTNV



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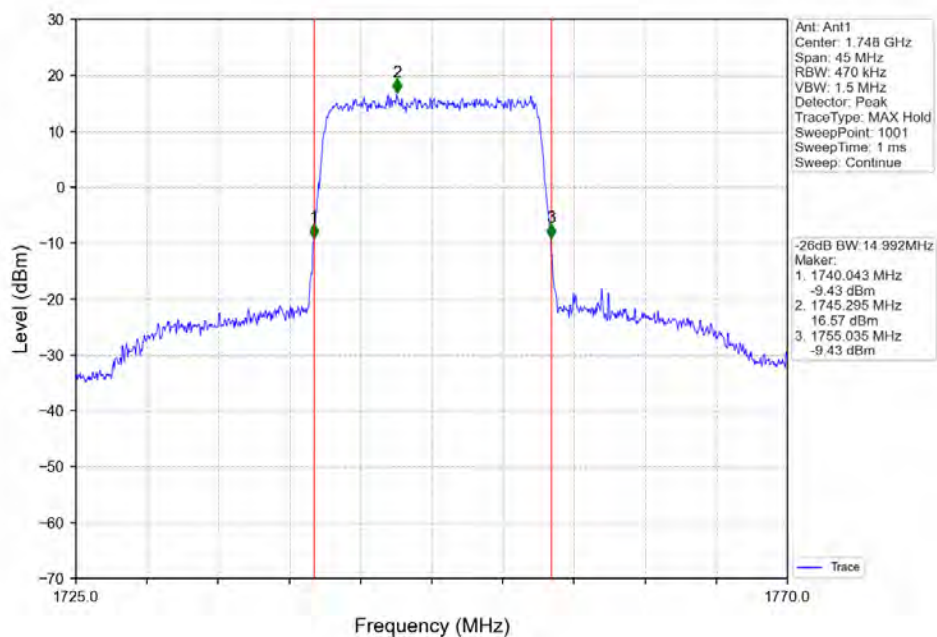
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Band 4 15MHz 64QAM HCH 1747.5MHz RB 75 0 NTN



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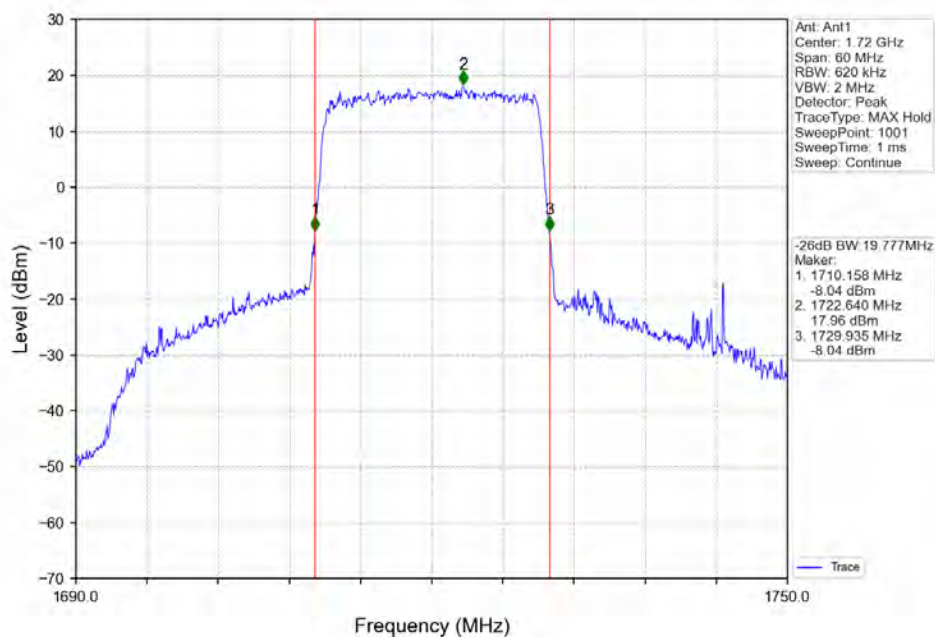
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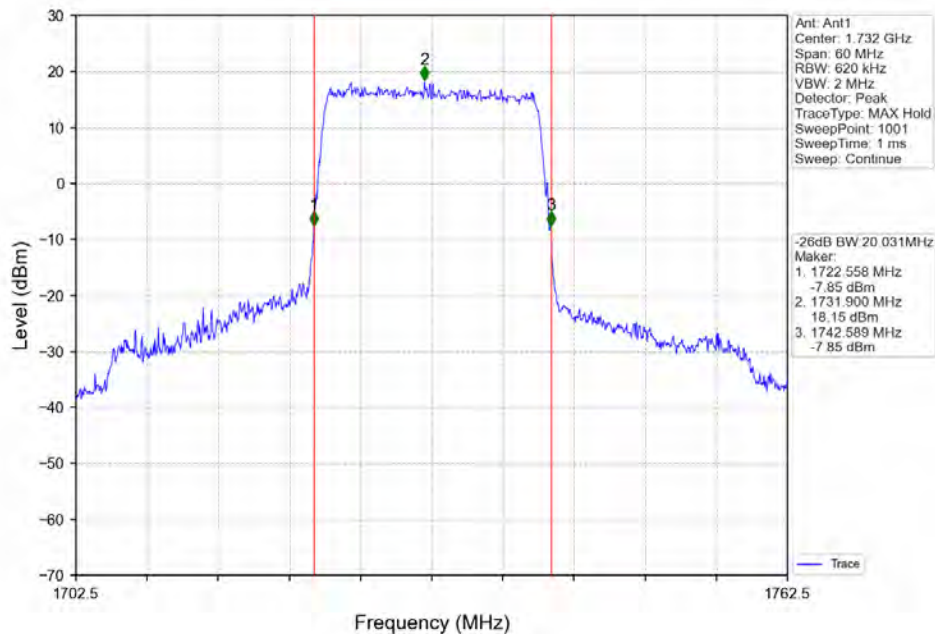
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Band 4 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



Band 4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



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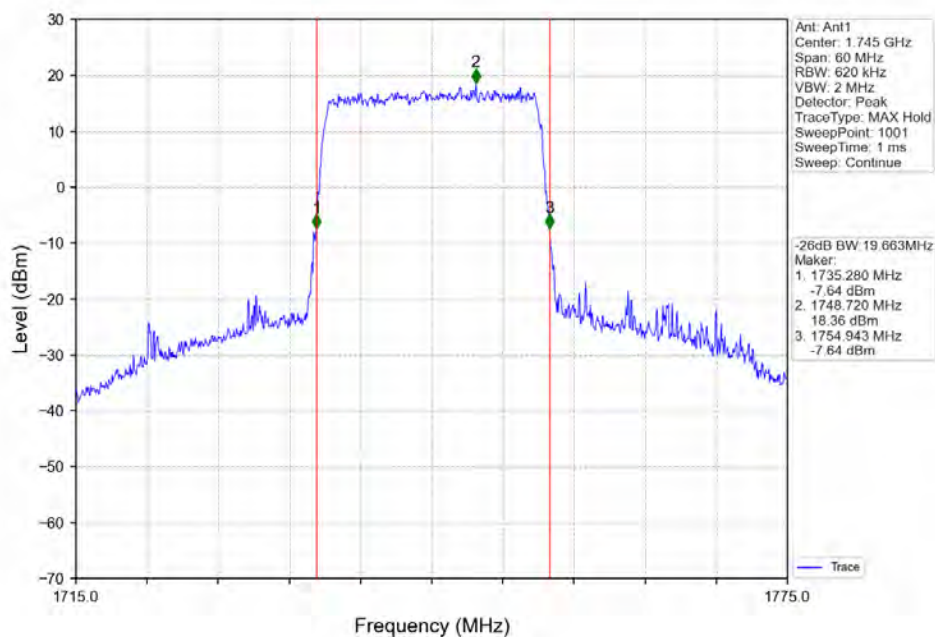
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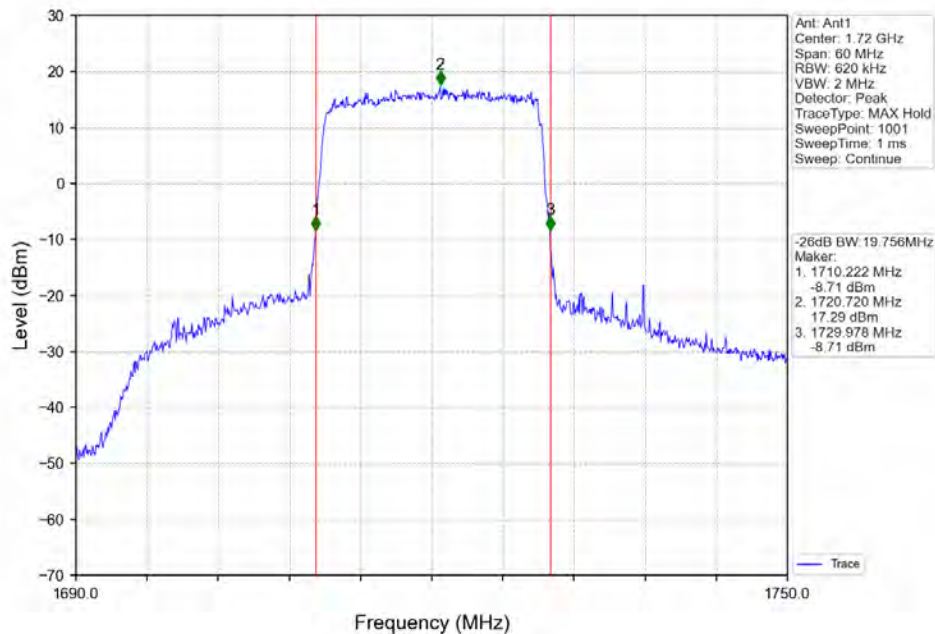
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Band 4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



Band 4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



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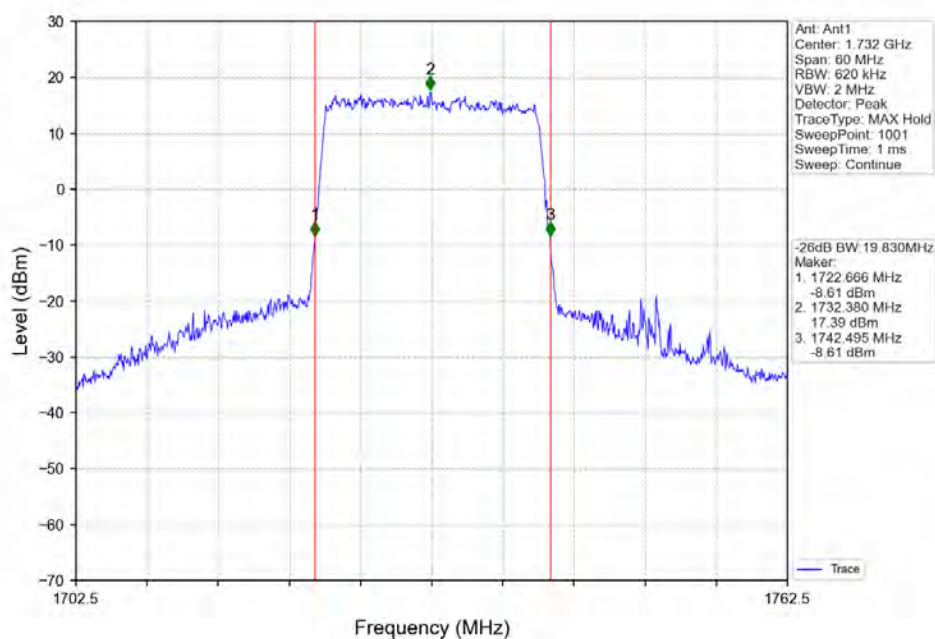
Email: customerservice.sw@bureauveritas.com



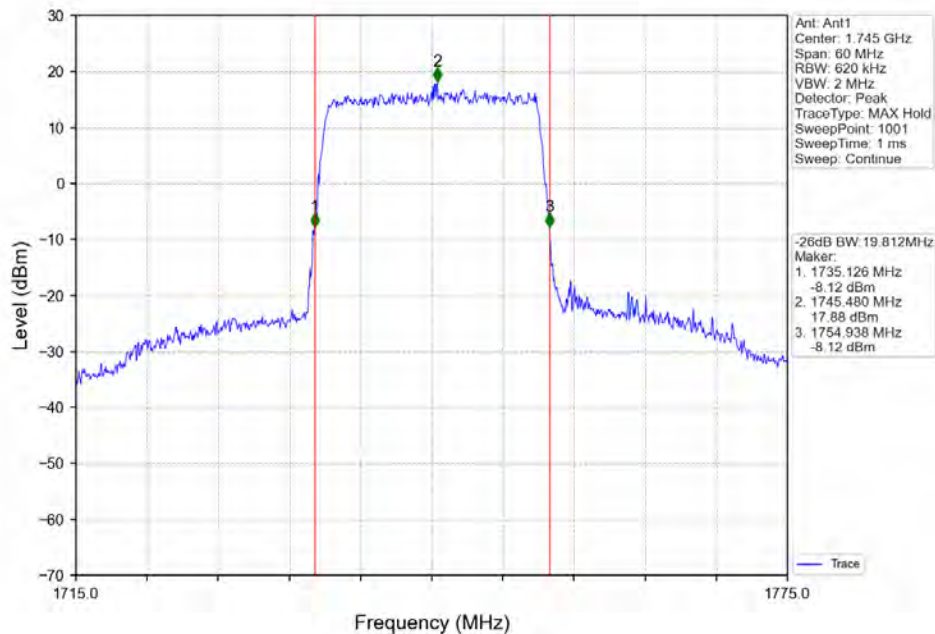
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Test Report No.: W7L-P20210616-3RF03

Band 4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTNV



Band 4 20MHz 16QAM HCH 1745MHz RB 100 0 NTNV



BV 7Layers Communications
Technology (Shenzhen) Co. Ltd

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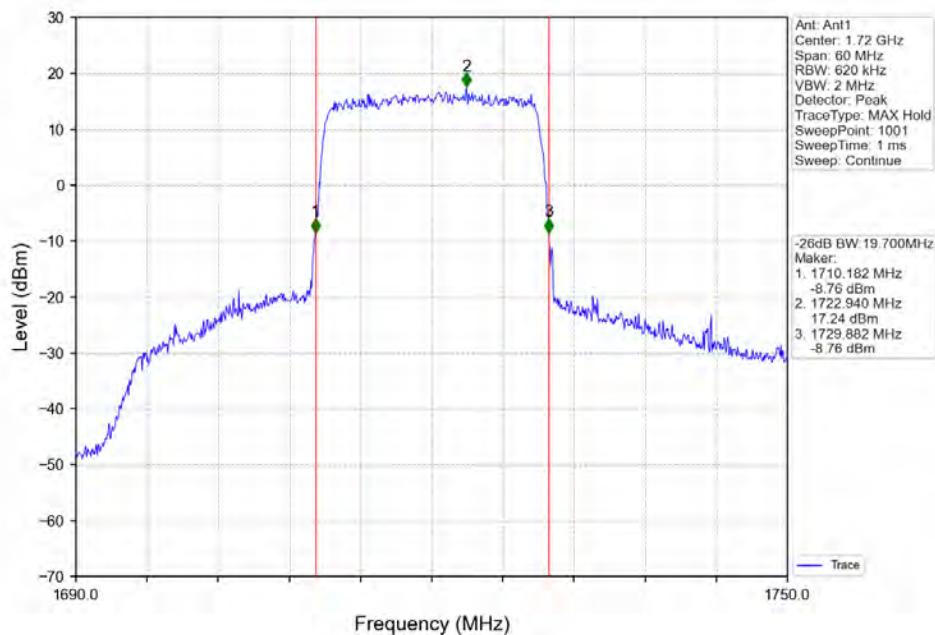
Email: customerservice.sw@bureauveritas.com



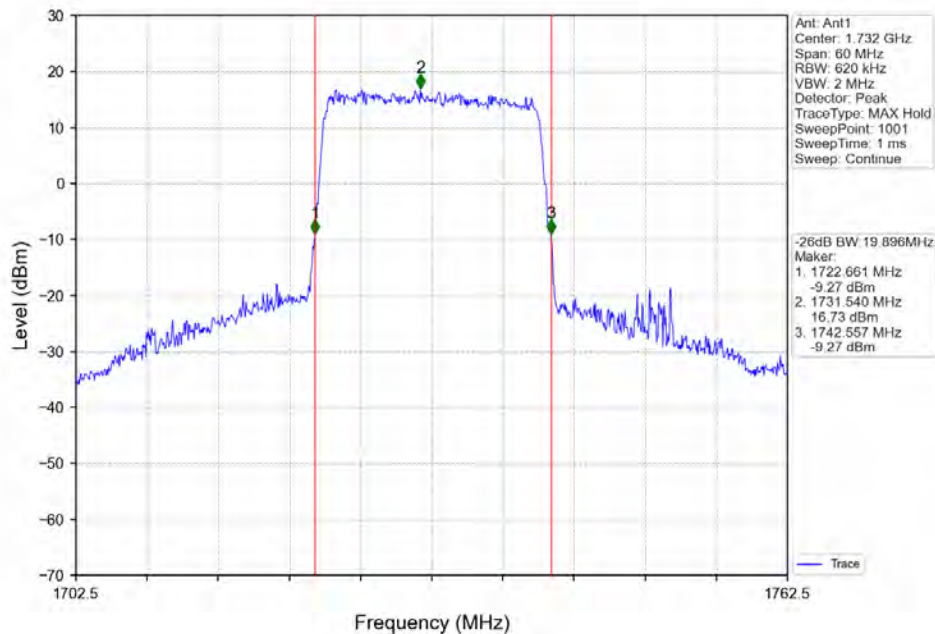
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Test Report No.: W7L-P20210616-3RF03

Band 4 20MHz 64QAM LCH 1720MHz RB 100_0 NTNV



Band 4 20MHz 64QAM MCH 1732.5MHz RB 100_0 NTNV



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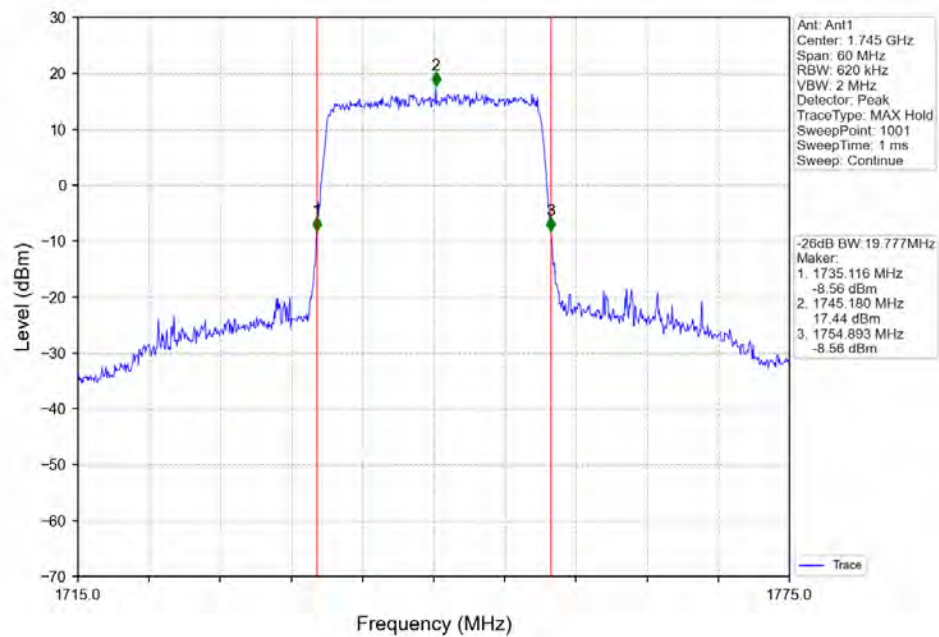
Email: customerservice.sw@bureauveritas.com



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Test Report No.: W7L-P20210616-3RF03

Band 4 20MHz 64QAM HCH 1745MHz RB 100 0 NTNV



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2.3 Band7_OBW

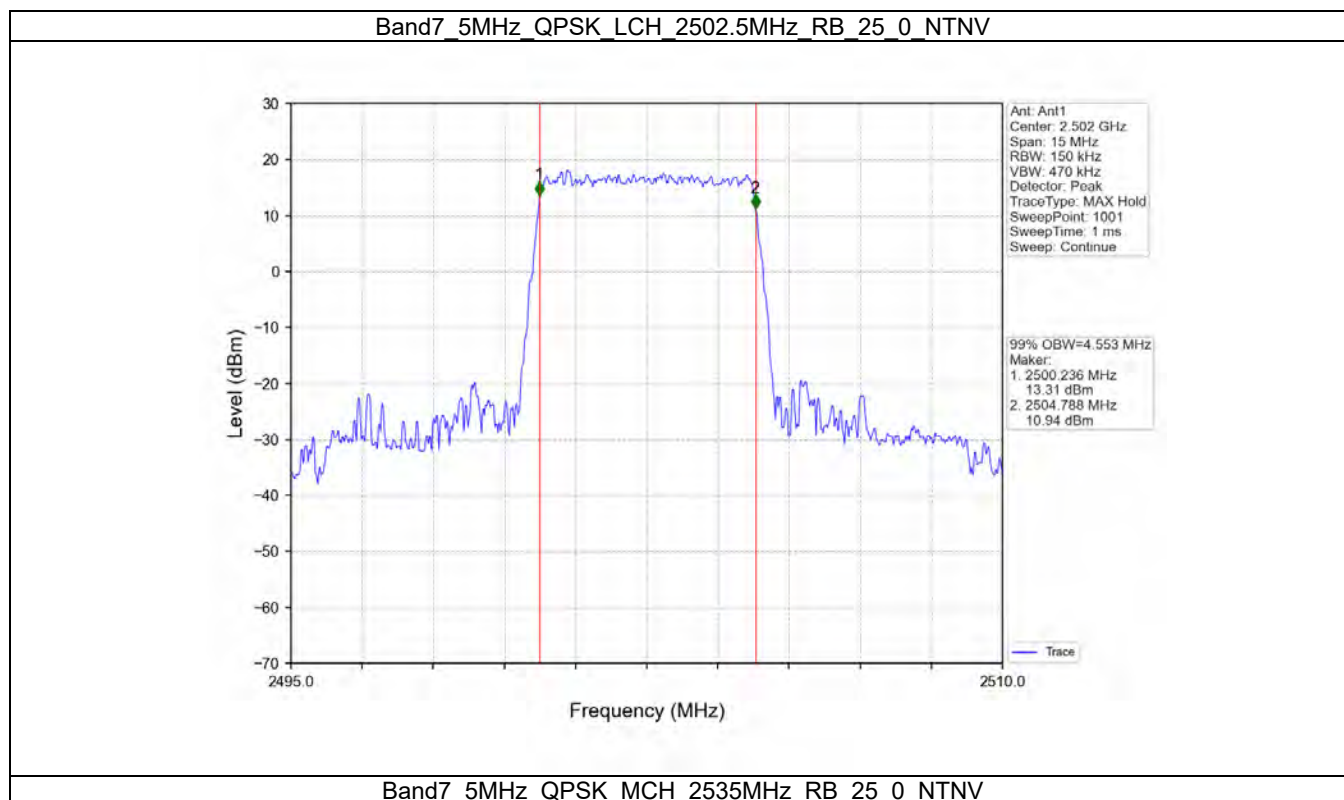
2.3.1 Test Result

Band: 7 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	4.553	Pass
		2535	25	0	4.564	Pass
		2567.5	25	0	4.539	Pass
	16QAM	2502.5	25	0	4.562	Pass
		2535	25	0	4.540	Pass
		2567.5	25	0	4.560	Pass
	64QAM	2502.5	25	0	4.550	Pass
		2535	25	0	4.559	Pass
		2567.5	25	0	4.542	Pass
10	QPSK	2505	50	0	9.050	Pass
		2535	50	0	9.026	Pass
		2565	50	0	9.050	Pass
	16QAM	2505	50	0	9.041	Pass
		2535	50	0	9.034	Pass
		2565	50	0	9.036	Pass
	64QAM	2505	50	0	9.059	Pass
		2535	50	0	9.025	Pass
		2565	50	0	9.045	Pass
15	QPSK	2507.5	75	0	13.589	Pass
		2535	75	0	13.548	Pass
		2562.5	75	0	13.577	Pass
	16QAM	2507.5	75	0	13.554	Pass
		2535	75	0	13.586	Pass
		2562.5	75	0	13.596	Pass
	64QAM	2507.5	75	0	13.608	Pass
		2535	75	0	13.587	Pass
		2562.5	75	0	13.581	Pass
20	QPSK	2510	100	0	18.068	Pass
		2535	100	0	18.069	Pass
		2560	100	0	18.132	Pass
	16QAM	2510	100	0	18.025	Pass
		2535	100	0	18.031	Pass
		2560	100	0	18.4.00	Pass
	64QAM	2510	100	0	18.145	Pass
		2535	100	0	18.036	Pass
		2560	100	0	18.132	Pass



BUREAU VERITAS Test Report No.: W7L-P20210616-3RF03

2.3.2 Test Graph



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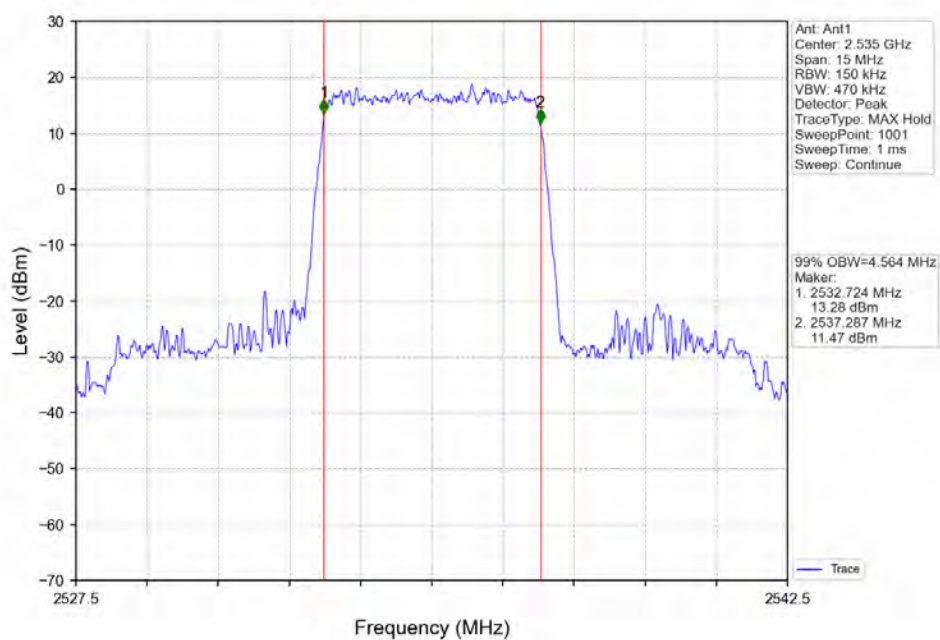
Fax: +86 755 8869 6577

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Test Report No.: W7L-P20210616-3RF03



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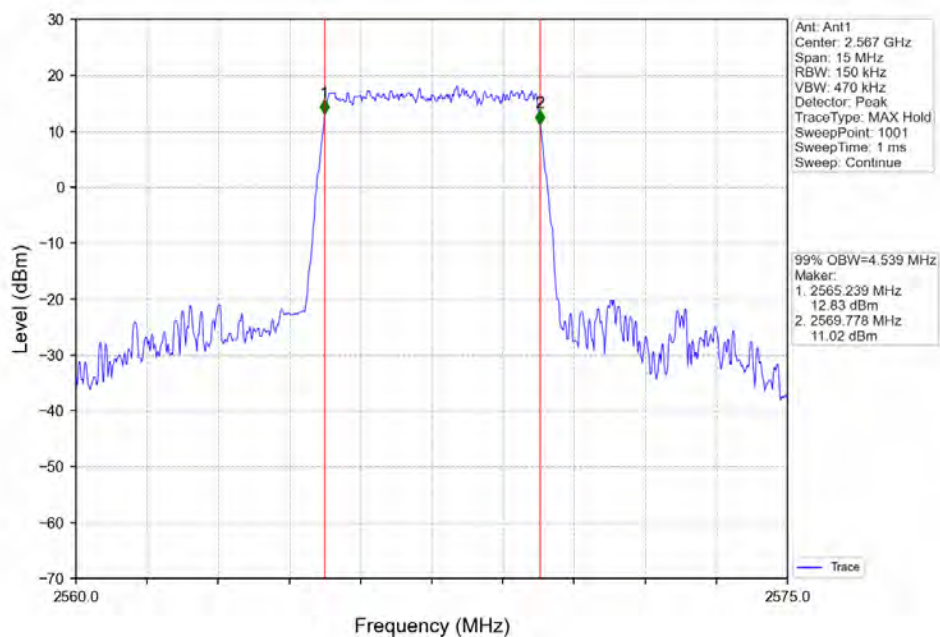
Email: customerservice.sw@bureauveritas.com



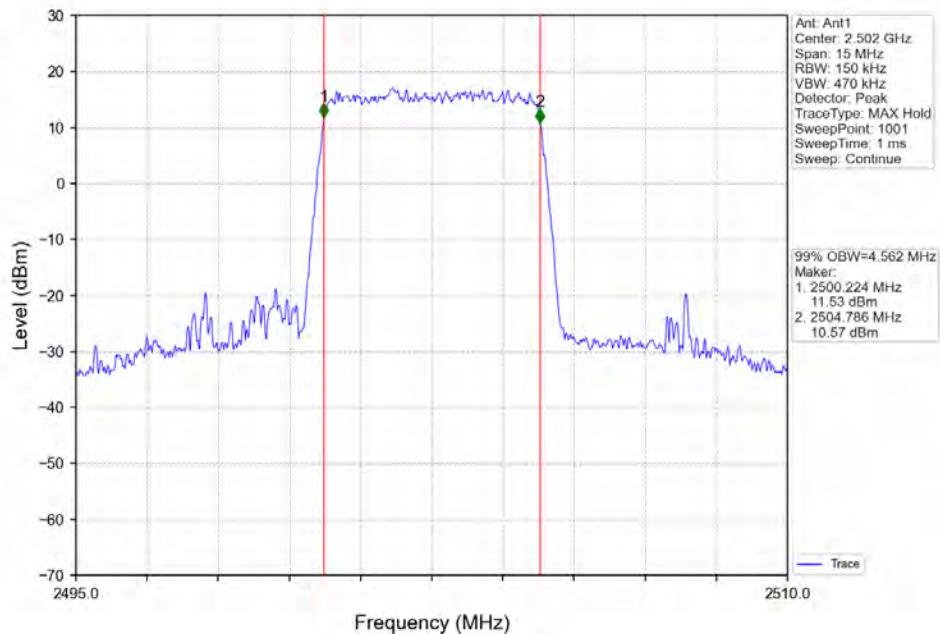
BUREAU
VERITAS

Test Report No.: W7L-P20210616-3RF03

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



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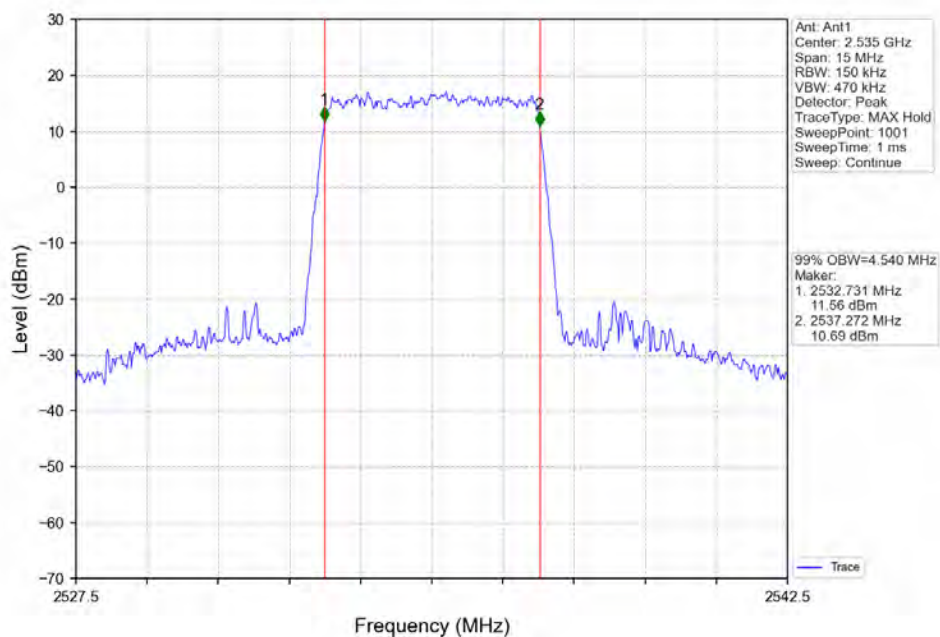
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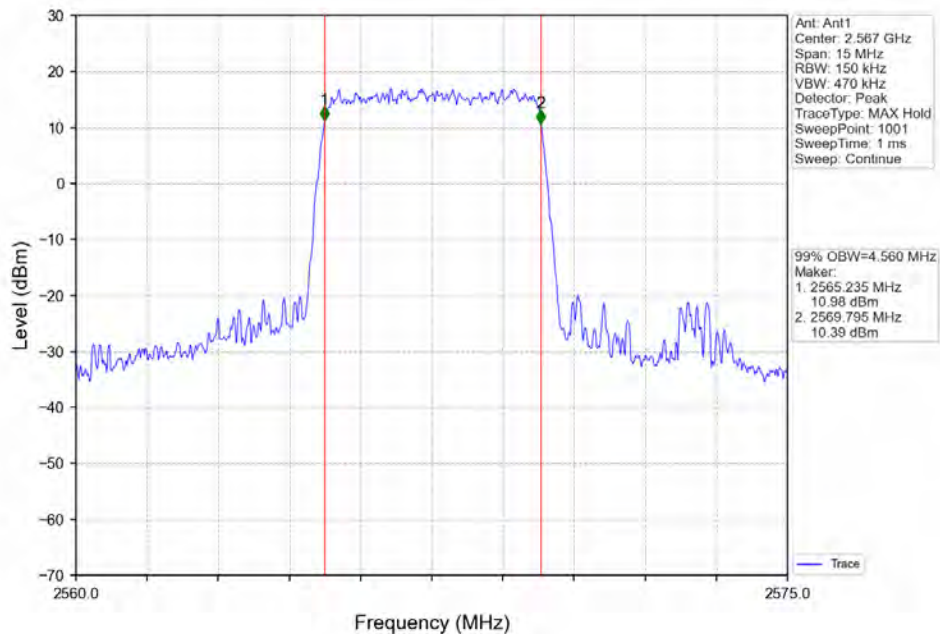
BUREAU
VERITAS

Test Report No.: W7L-P20210616-3RF03

Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



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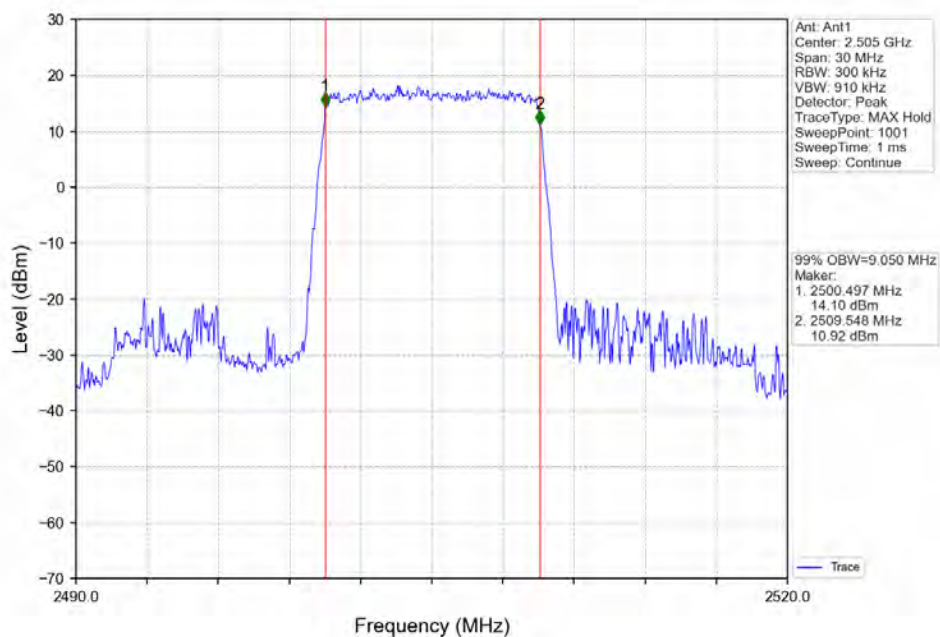
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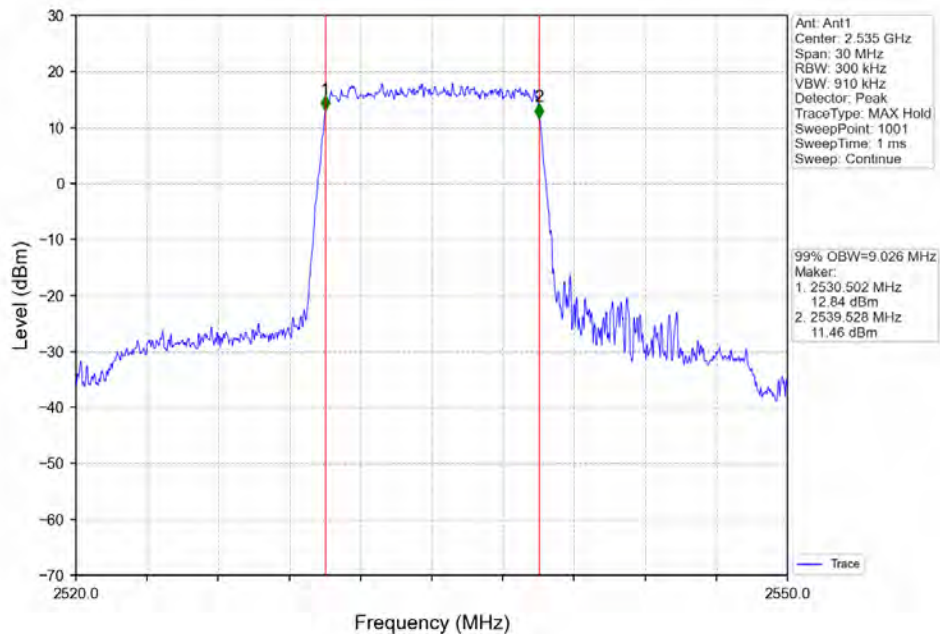
BUREAU
VERITAS

Test Report No.: W7L-P20210616-3RF03

Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



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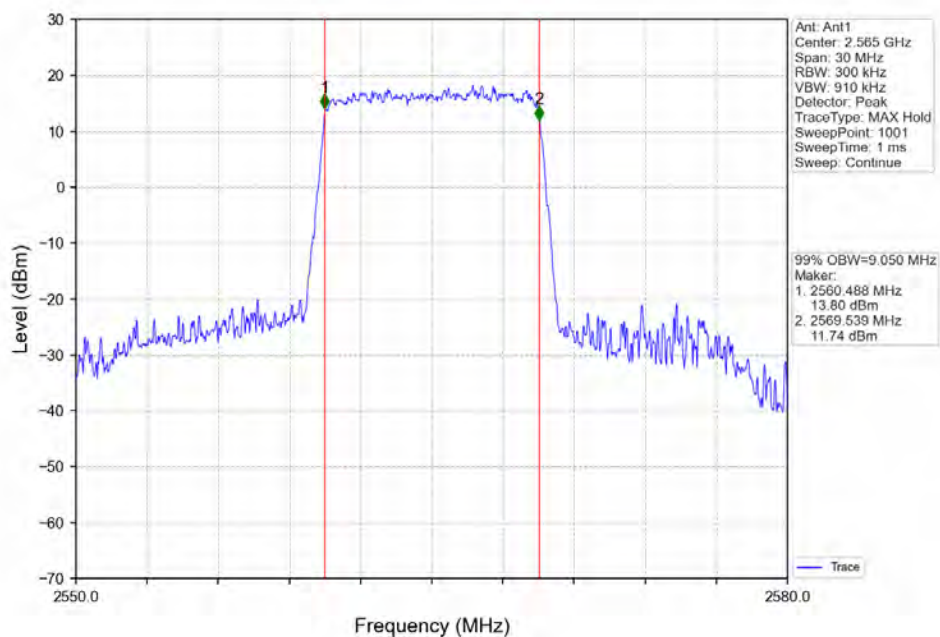
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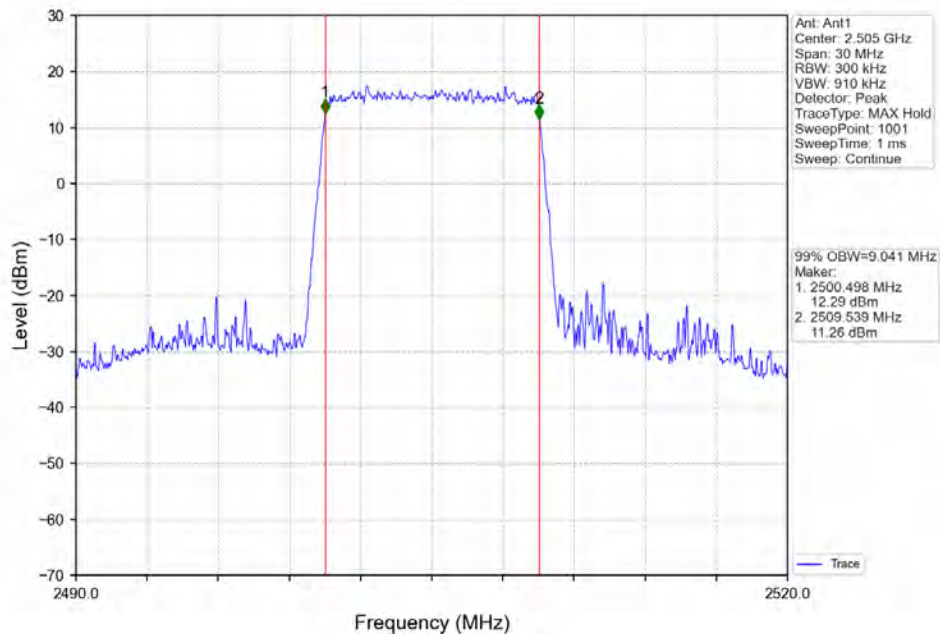
BUREAU
VERITAS

Test Report No.: W7L-P20210616-3RF03

Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



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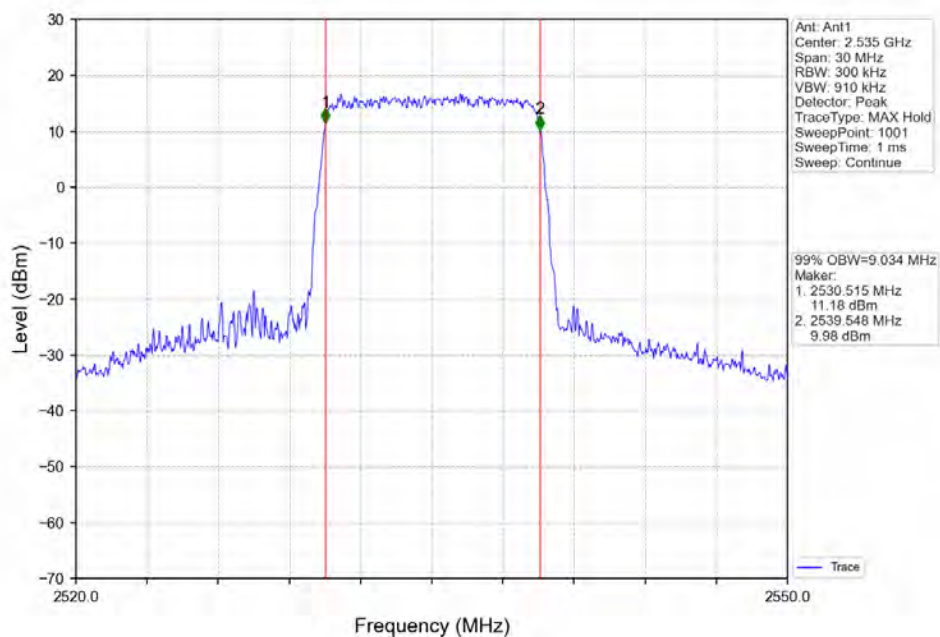
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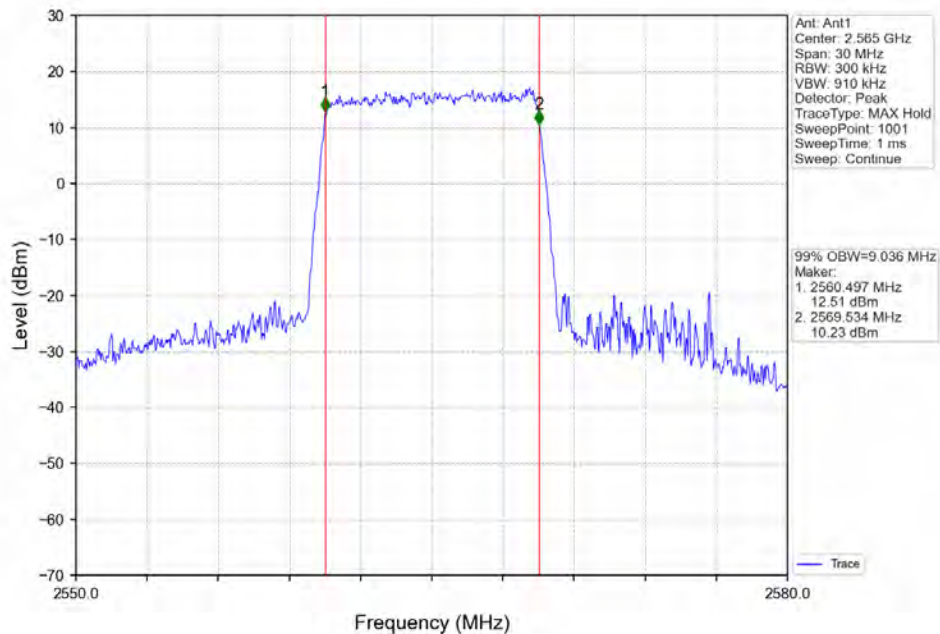
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Test Report No.: W7L-P20210616-3RF03

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



Band7 10MHz 16QAM HCH 2565MHz RB 50 0 NTNV



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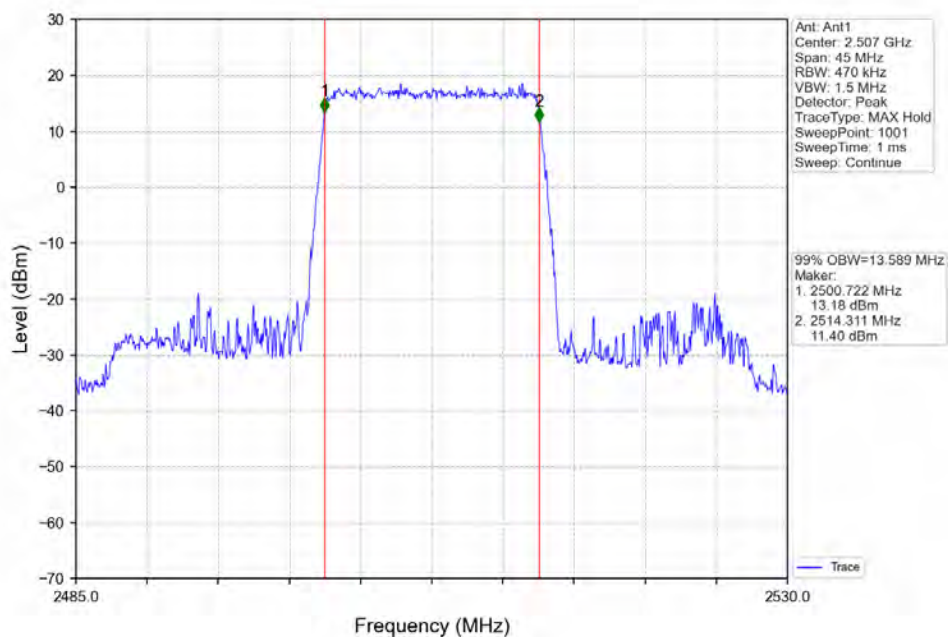
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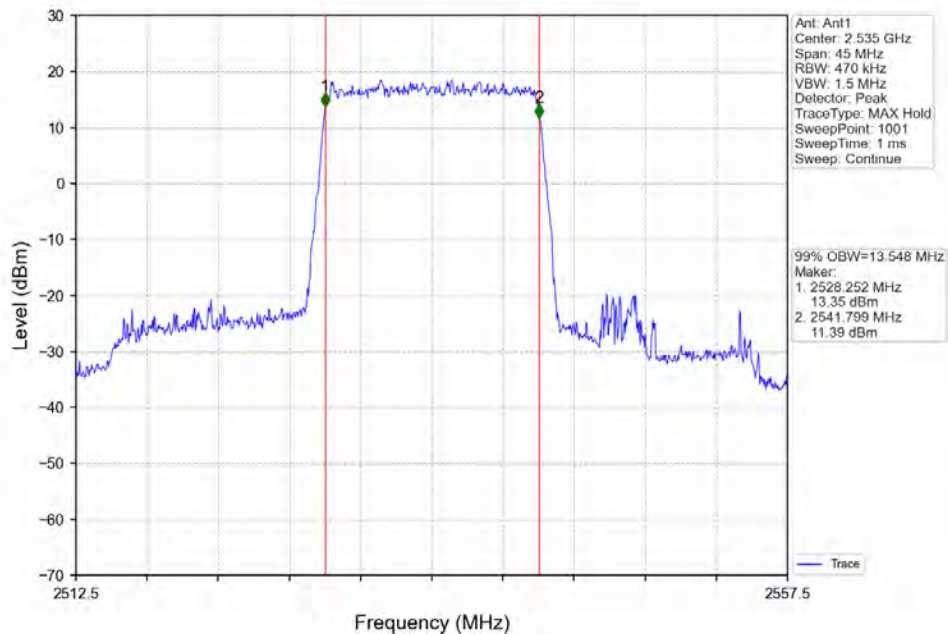
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VERITAS

Test Report No.: W7L-P20210616-3RF03

Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



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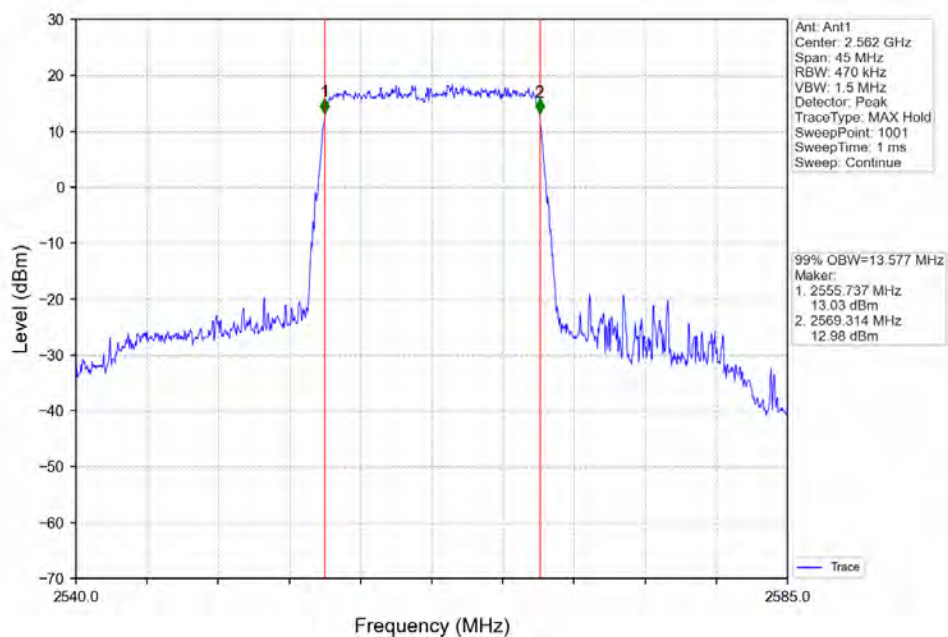
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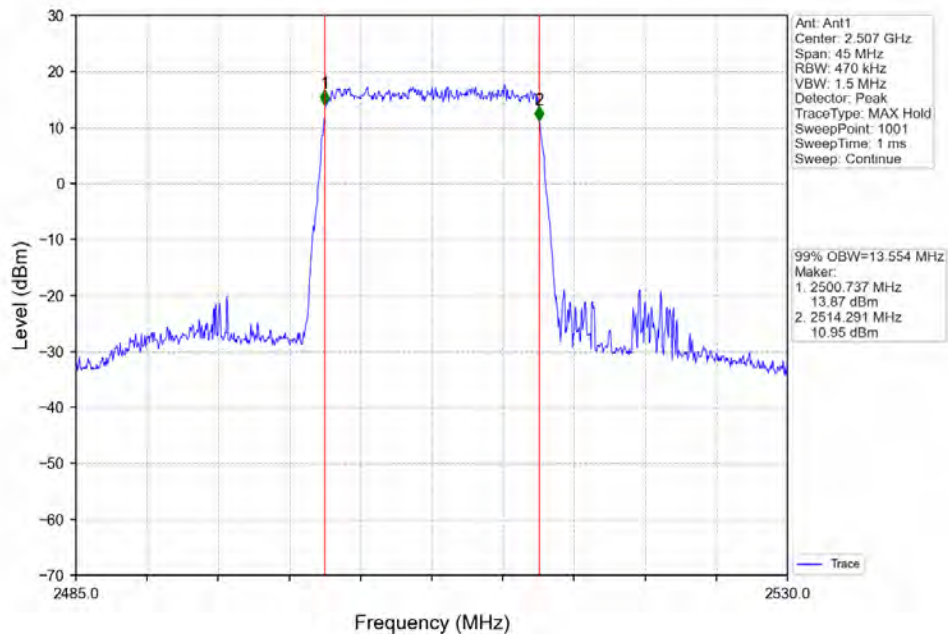
BUREAU
VERITAS

Test Report No.: W7L-P20210616-3RF03

Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



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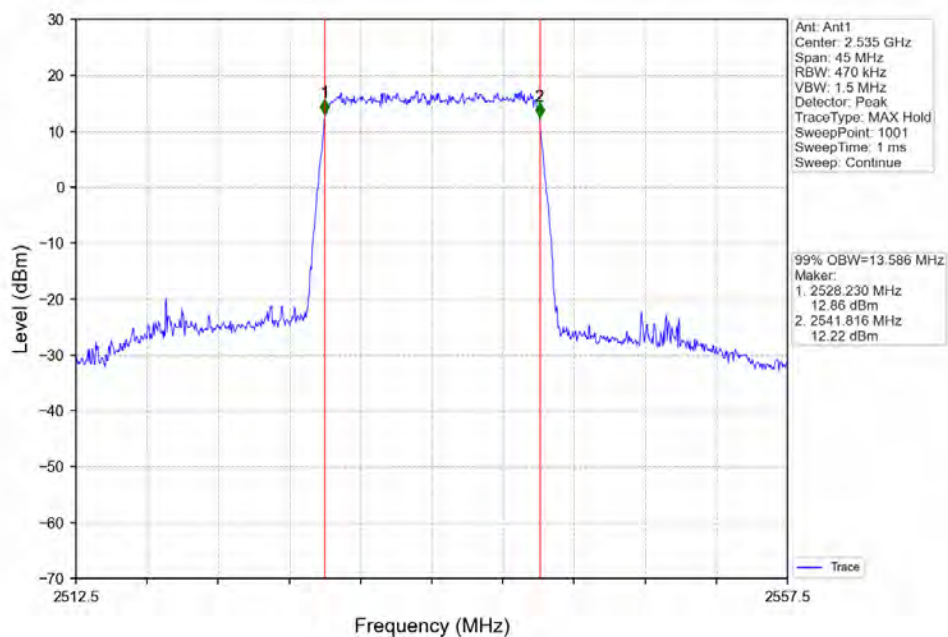
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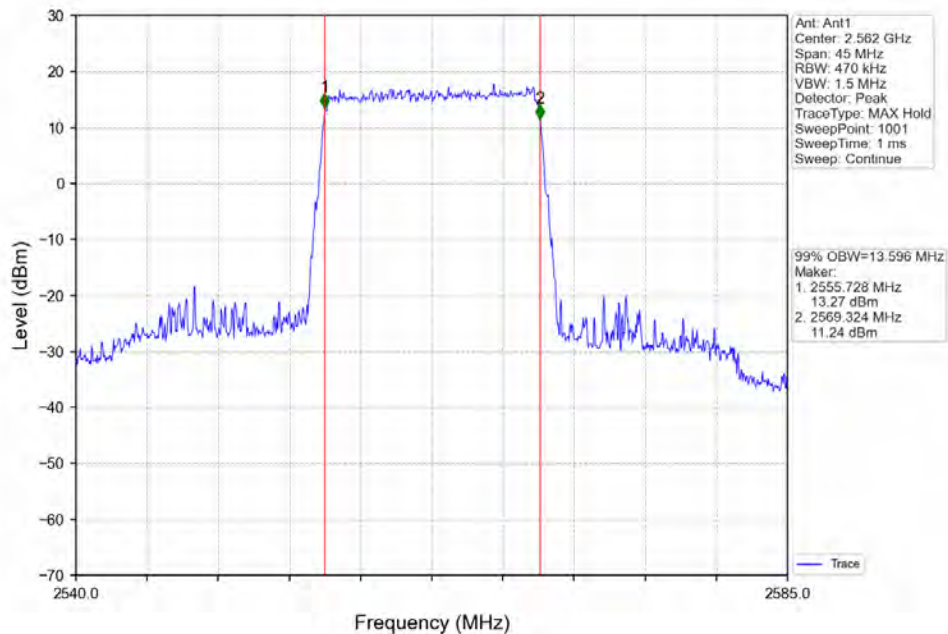
BUREAU
VERITAS

Test Report No.: W7L-P20210616-3RF03

Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



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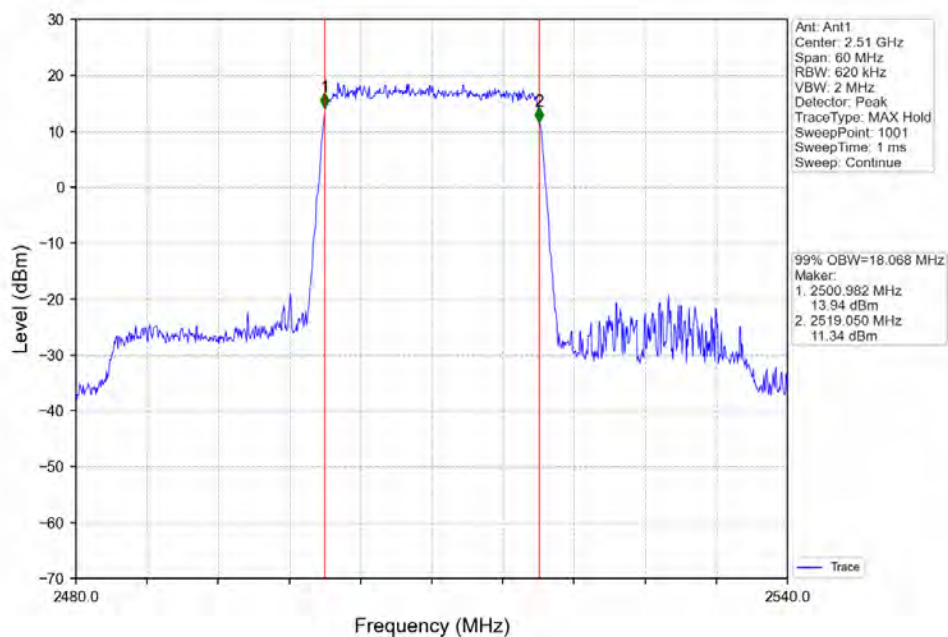
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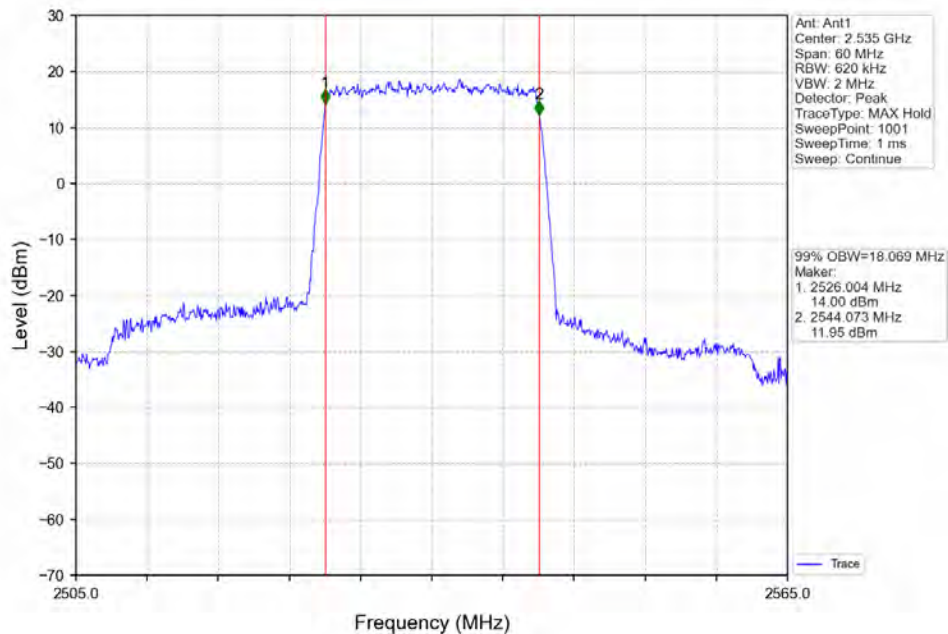
BUREAU
VERITAS

Test Report No.: W7L-P20210616-3RF03

Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



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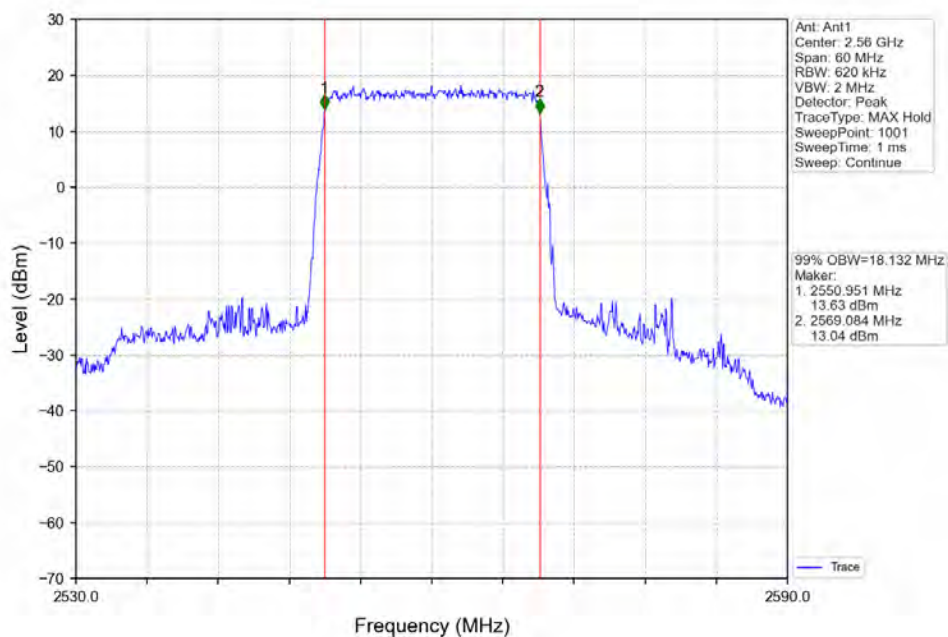
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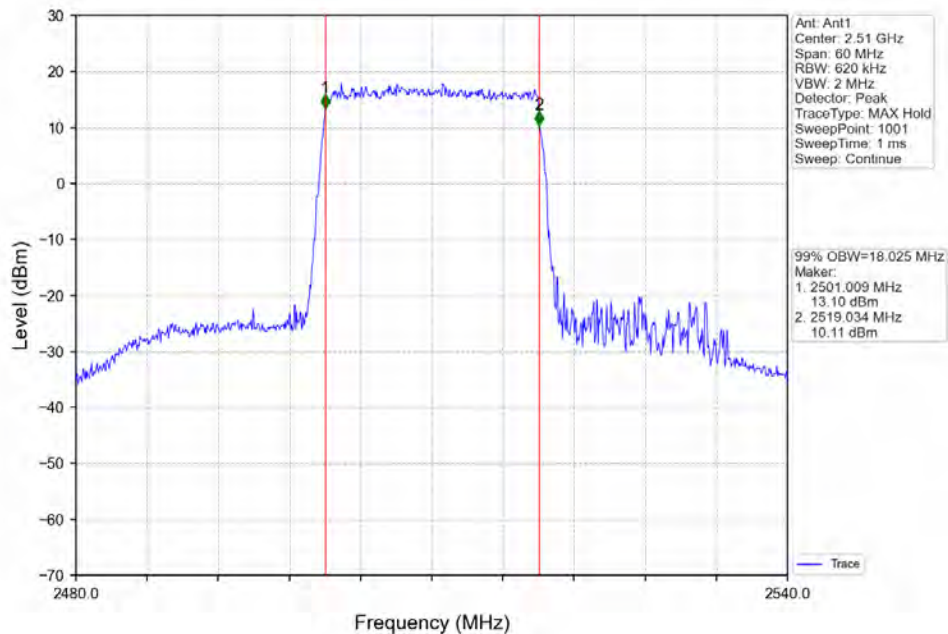
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Test Report No.: W7L-P20210616-3RF03

Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



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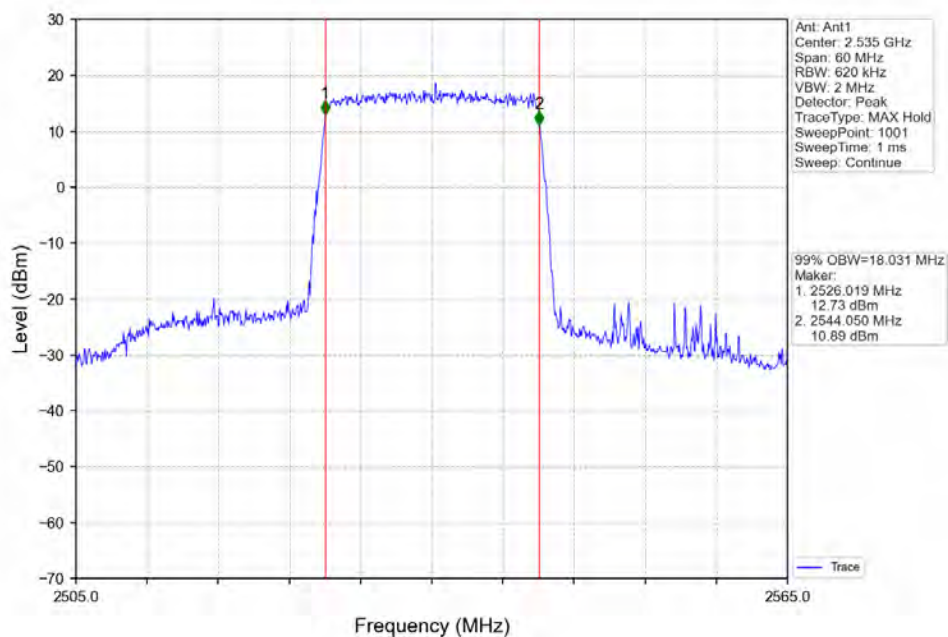
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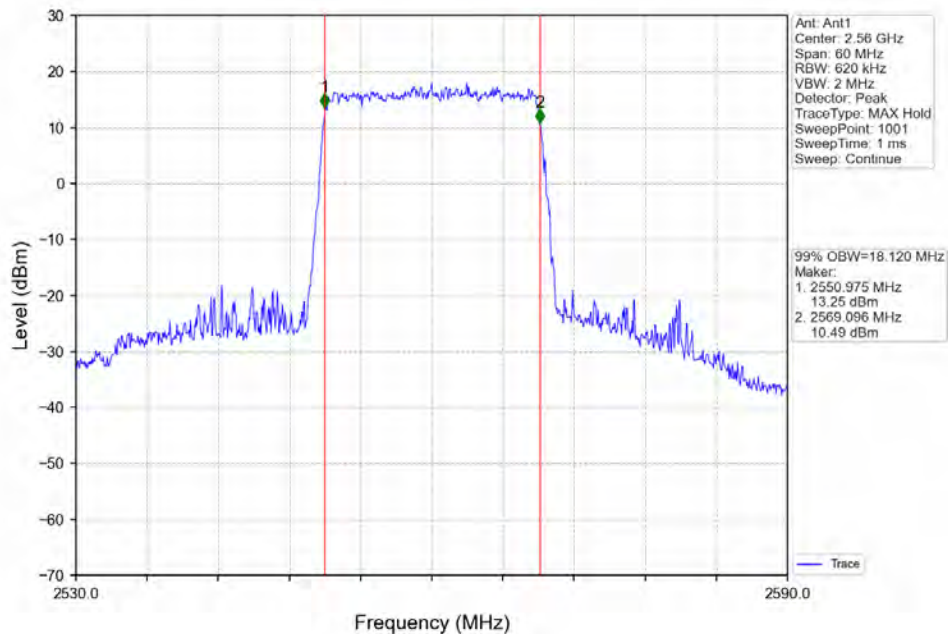
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Test Report No.: W7L-P20210616-3RF03

Band7 20MHz 16QAM MCH 2535MHz RB 100_0 NTNV



Band7 20MHz 16QAM HCH 2560MHz RB 100_0 NTNV



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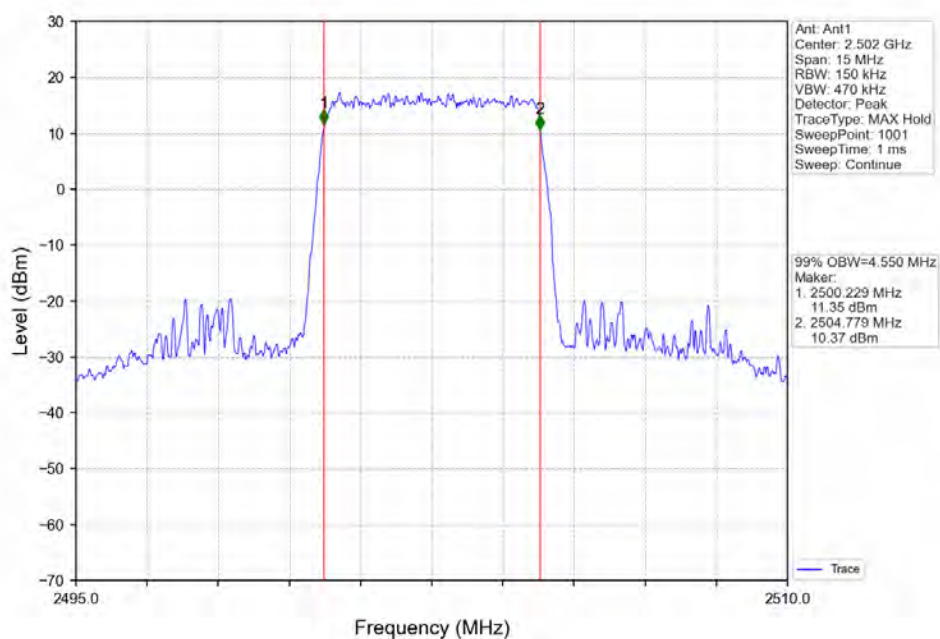
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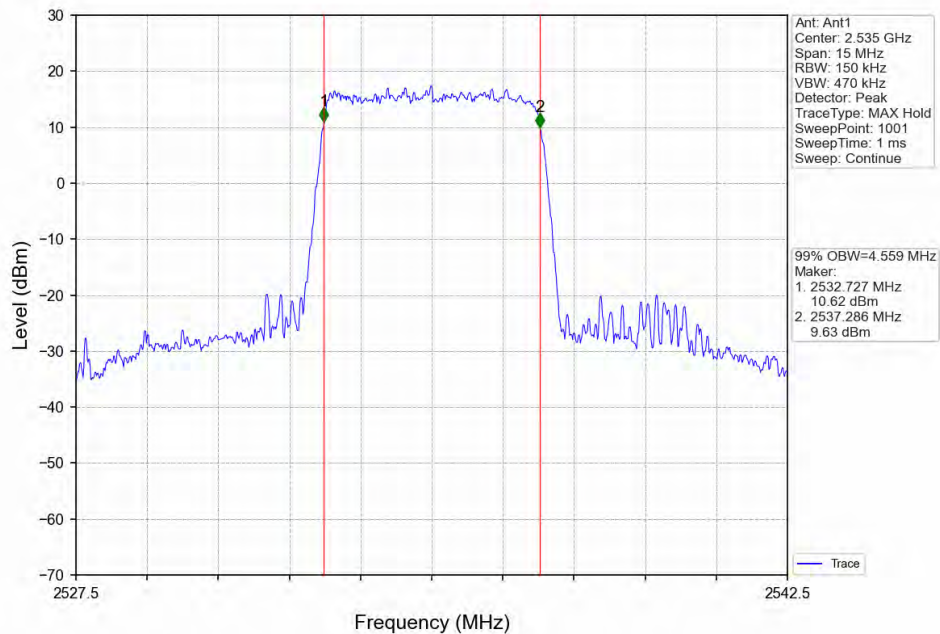
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Test Report No.: W7L-P20210616-3RF03

Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



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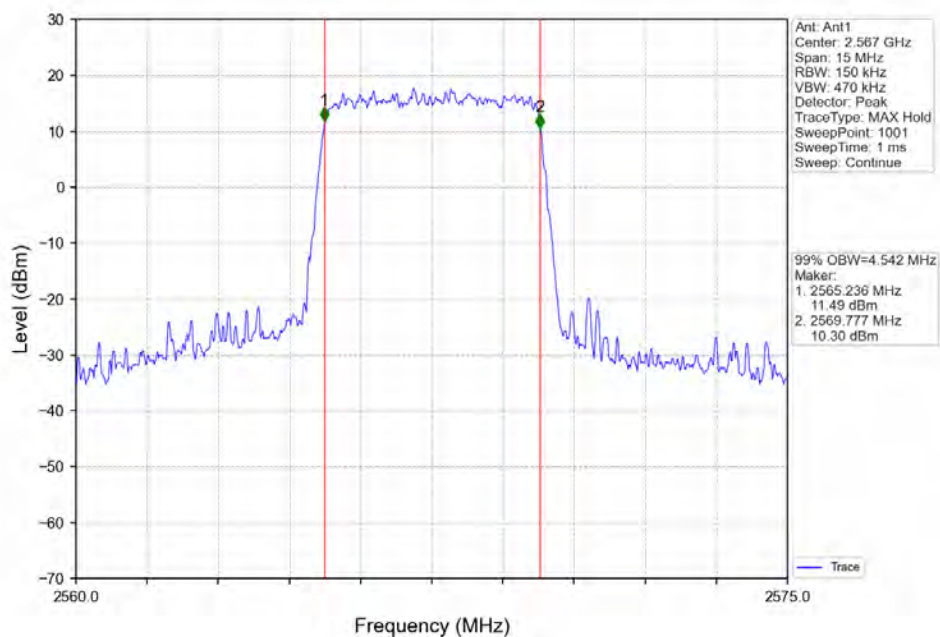
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Fax: +86 755 8869 6577

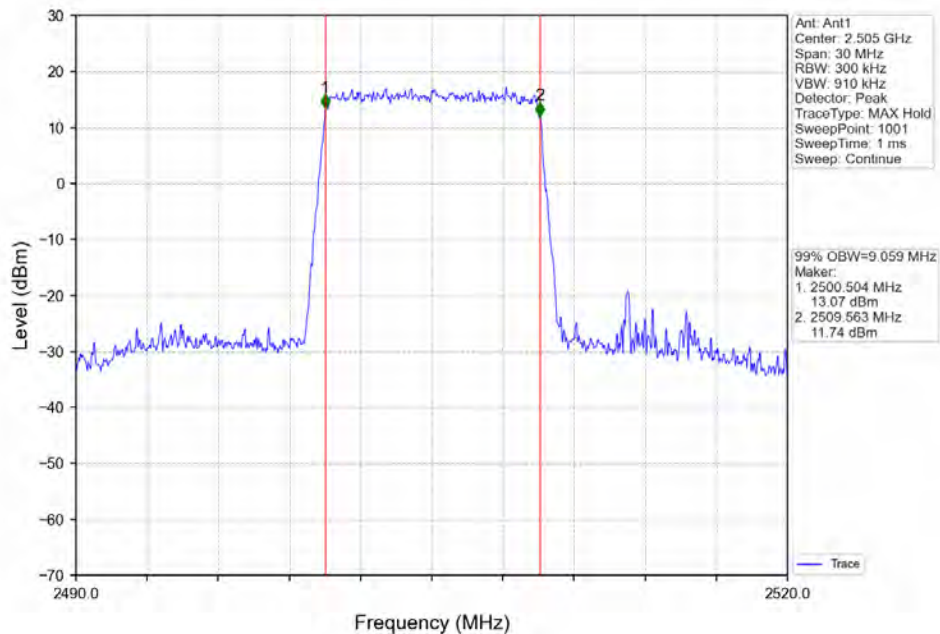
Email: customerservice.sw@bureauveritas.com



Band7_5MHz_64QAM_HCH_2567.5MHz_RB_25_0_NTNV



Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV

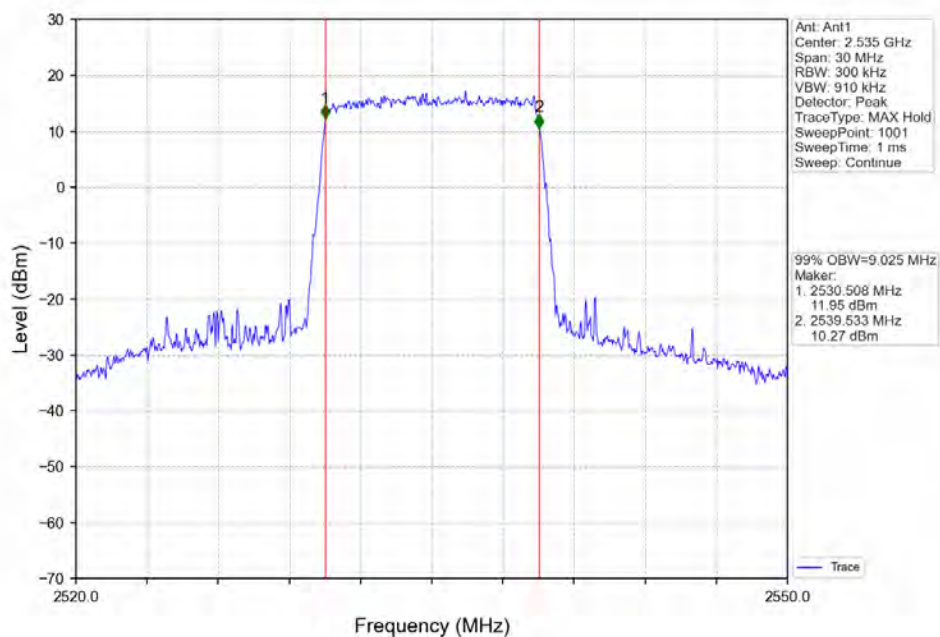




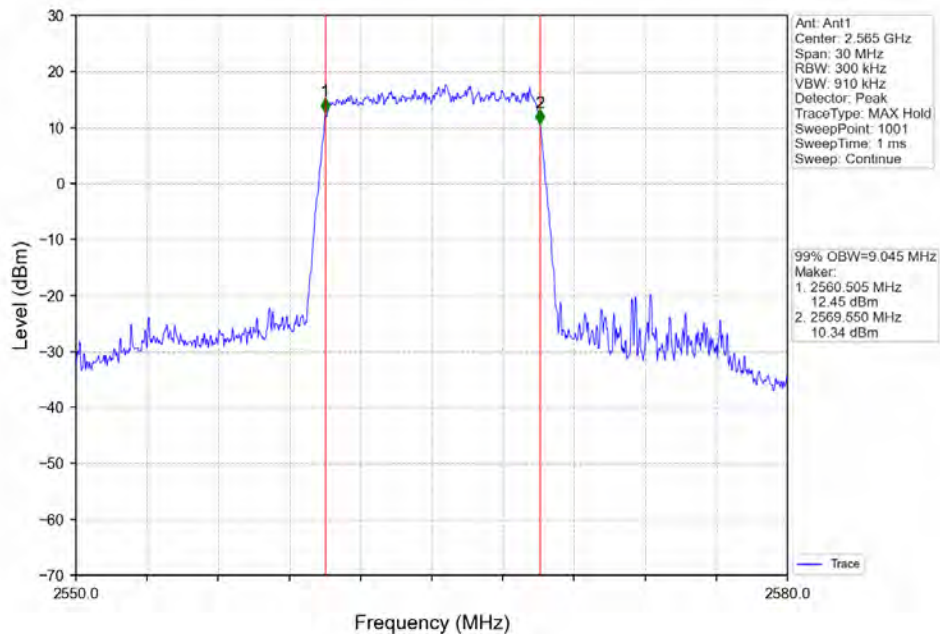
BUREAU
VERITAS

Test Report No.: W7L-P20210616-3RF03

Band7 10MHz 64QAM MCH 2535MHz RB 50 0 NTNV



Band7 10MHz 64QAM HCH 2565MHz RB 50 0 NTNV



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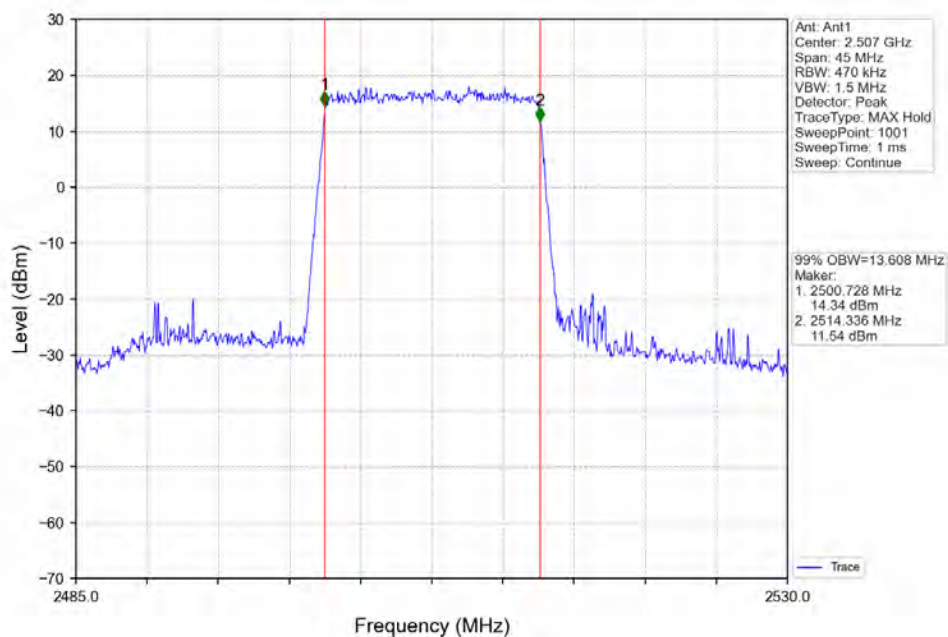
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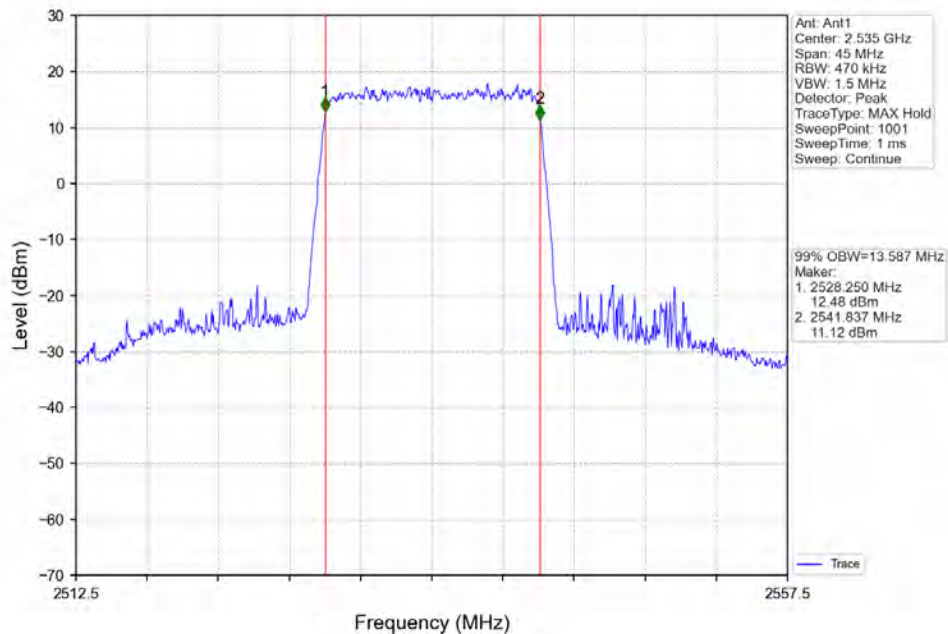
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Test Report No.: W7L-P20210616-3RF03

Band7 15MHz 64QAM LCH 2507.5MHz RB 75 0 NTNV



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



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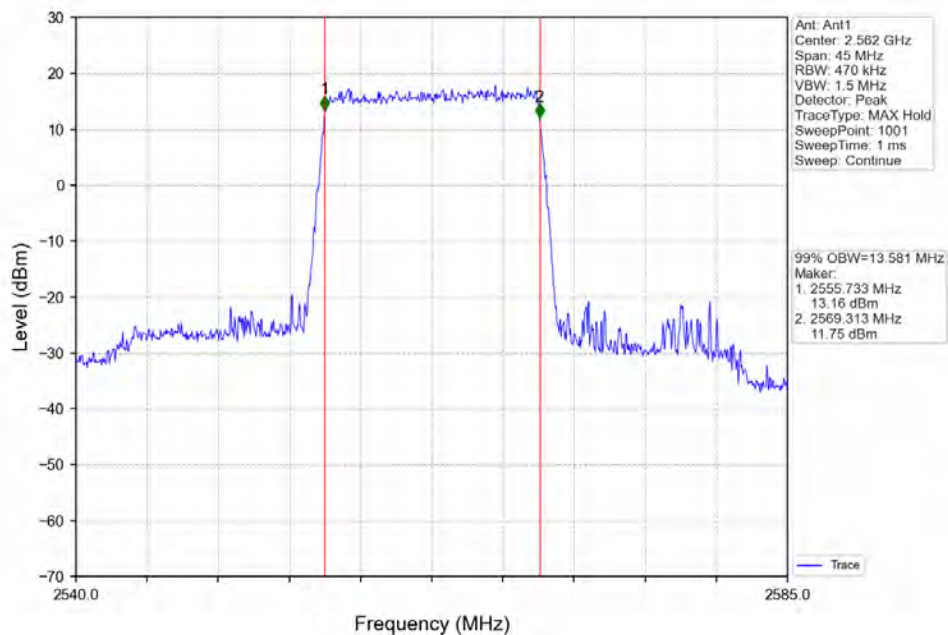
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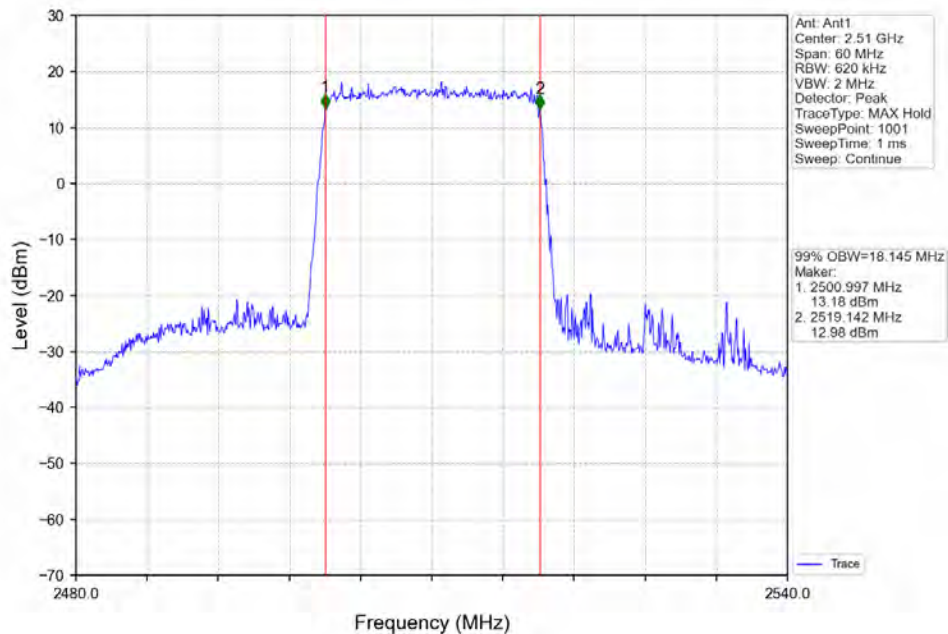
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VERITAS

Test Report No.: W7L-P20210616-3RF03

Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV



Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV



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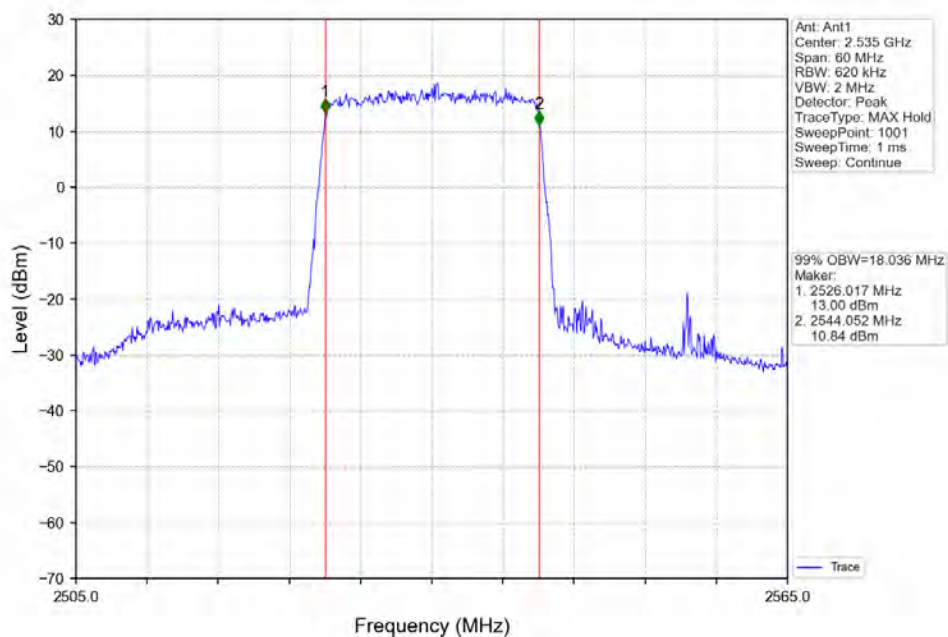
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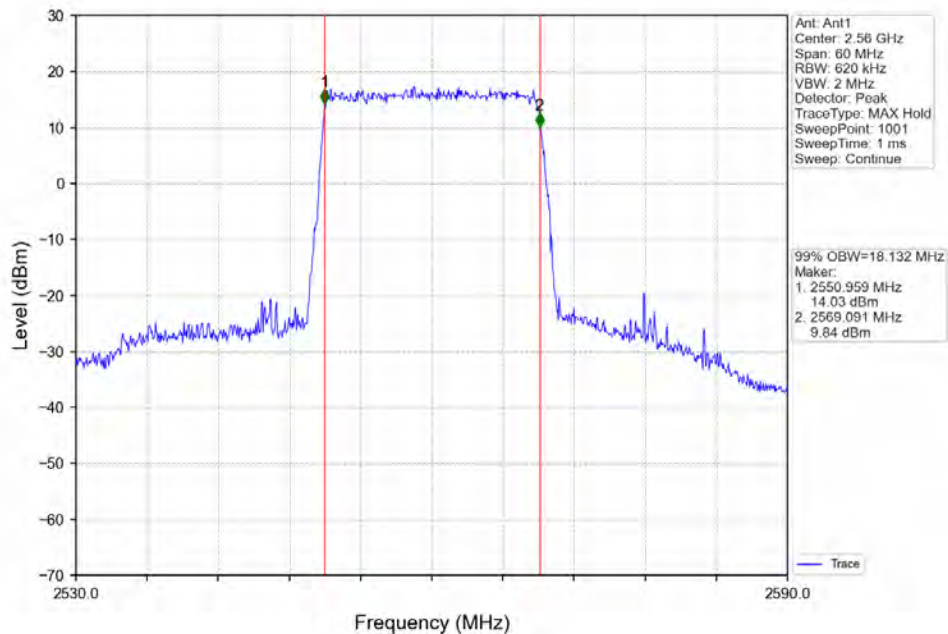
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VERITAS

Test Report No.: W7L-P20210616-3RF03

Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV



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2.4 Band7_26DB

2.4.1 Test Result

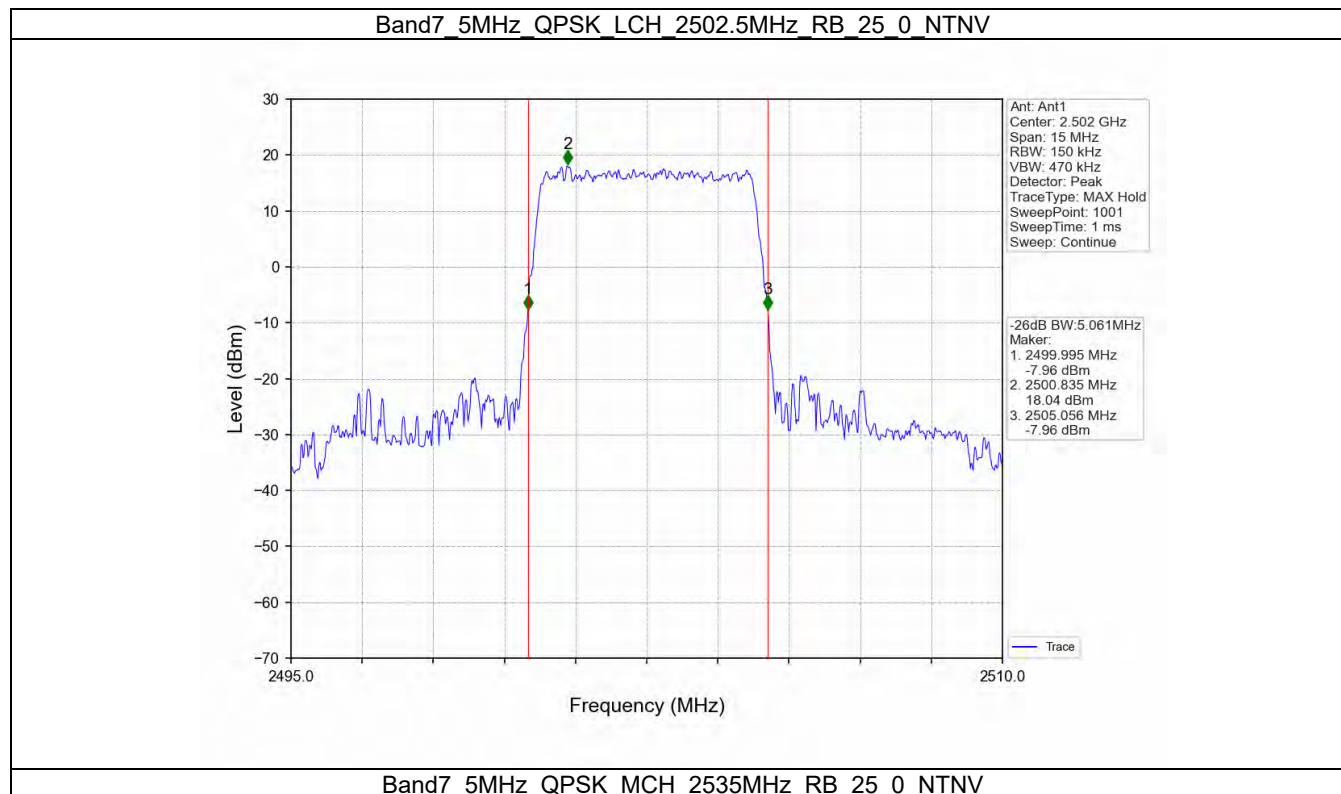
Band: 7 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	5.061	Pass
		2535	25	0	5.027	Pass
		2567.5	25	0	5.056	Pass
	16QAM	2502.5	25	0	5.061	Pass
		2535	25	0	5.054	Pass
		2567.5	25	0	5.041	Pass
	64QAM	2502.5	25	0	5.038	Pass
		2535	25	0	5.067	Pass
		2567.5	25	0	5.022	Pass
10	QPSK	2505	50	0	10.039	Pass
		2535	50	0	9.942	Pass
		2565	50	0	9.947	Pass
	16QAM	2505	50	0	9.964	Pass
		2535	50	0	9.951	Pass
		2565	50	0	10.004	Pass
	64QAM	2505	50	0	9.956	Pass
		2535	50	0	9.971	Pass
		2565	50	0	9.968	Pass
15	QPSK	2507.5	75	0	14.946	Pass
		2535	75	0	14.917	Pass
		2562.5	75	0	15.060	Pass
	16QAM	2507.5	75	0	15.040	Pass
		2535	75	0	15.046	Pass
		2562.5	75	0	14.947	Pass
	64QAM	2507.5	75	0	14.885	Pass
		2535	75	0	14.987	Pass
		2562.5	75	0	14.960	Pass
20	QPSK	2510	100	0	19.710	Pass
		2535	100	0	19.886	Pass
		2560	100	0	19.958	Pass
	16QAM	2510	100	0	19.615	Pass
		2535	100	0	19.825	Pass
		2560	100	0	19.827	Pass
	64QAM	2510	100	0	19.727	Pass
		2535	100	0	19.758	Pass
		2560	100	0	19.917	Pass



BUREAU Test Report No.: W7L-P20210616-3RF03

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2.4.2 Test Graph



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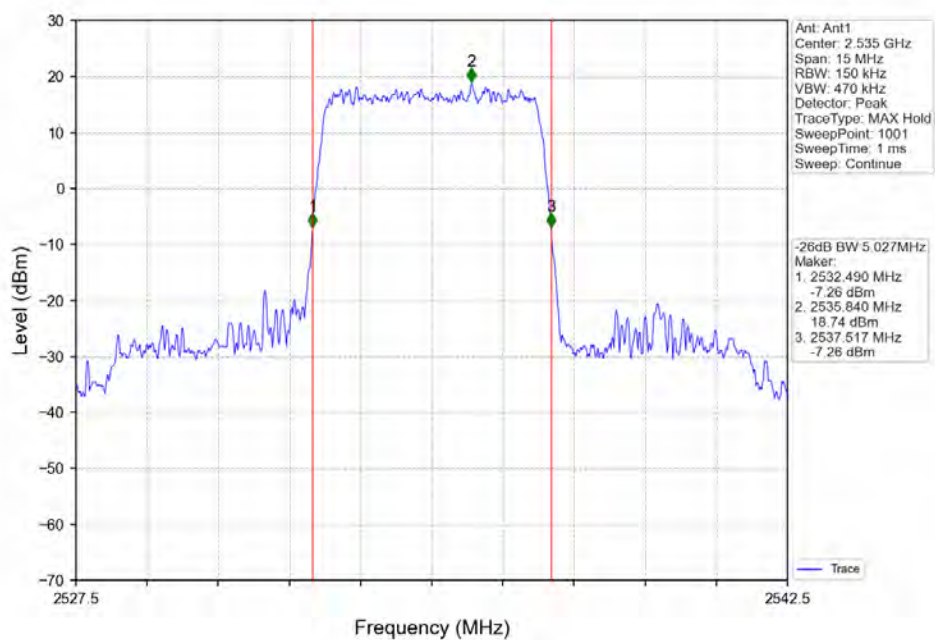
Fax: +86 755 8869 6577

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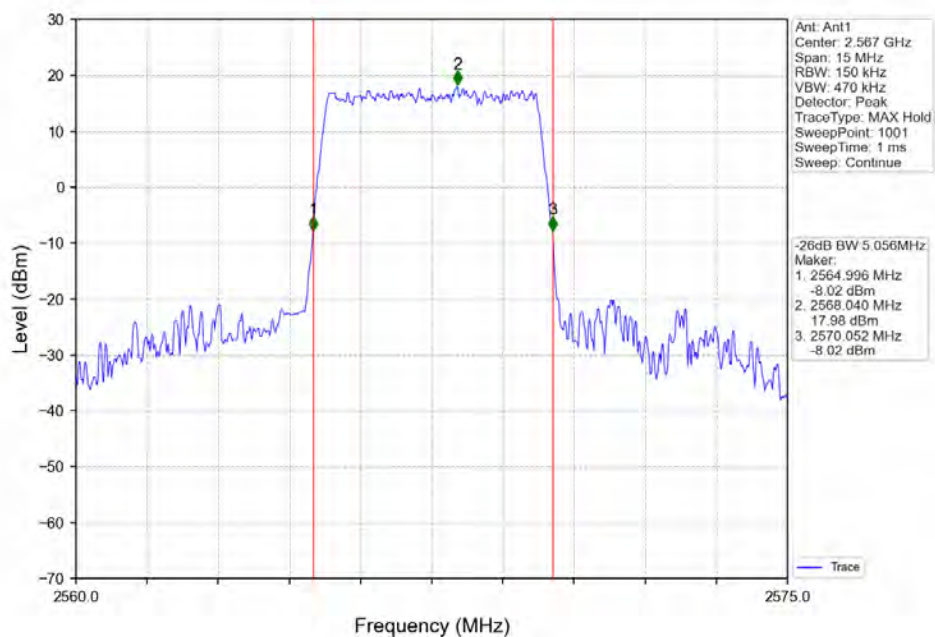
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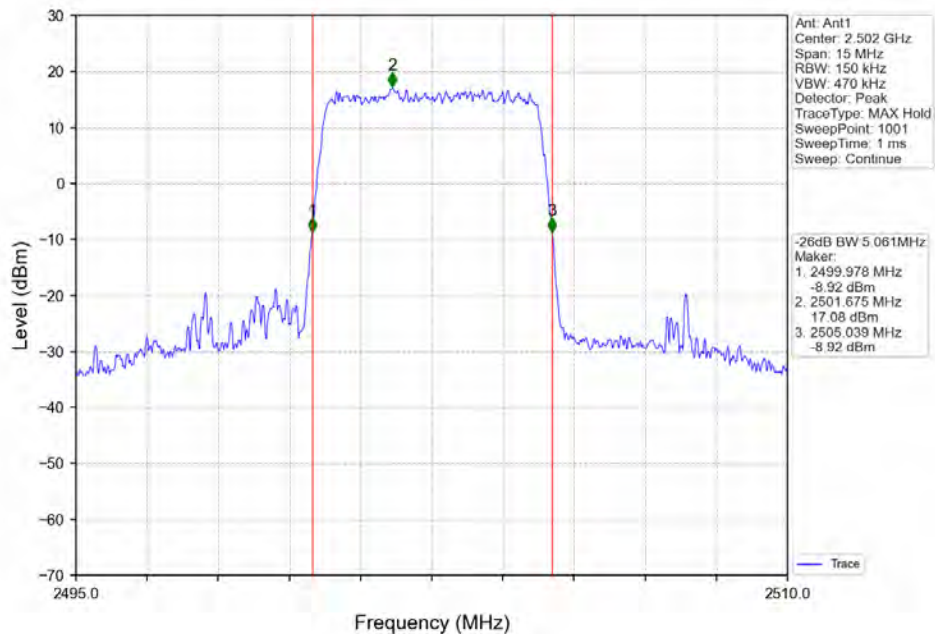
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Test Report No.: W7L-P20210616-3RF03

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



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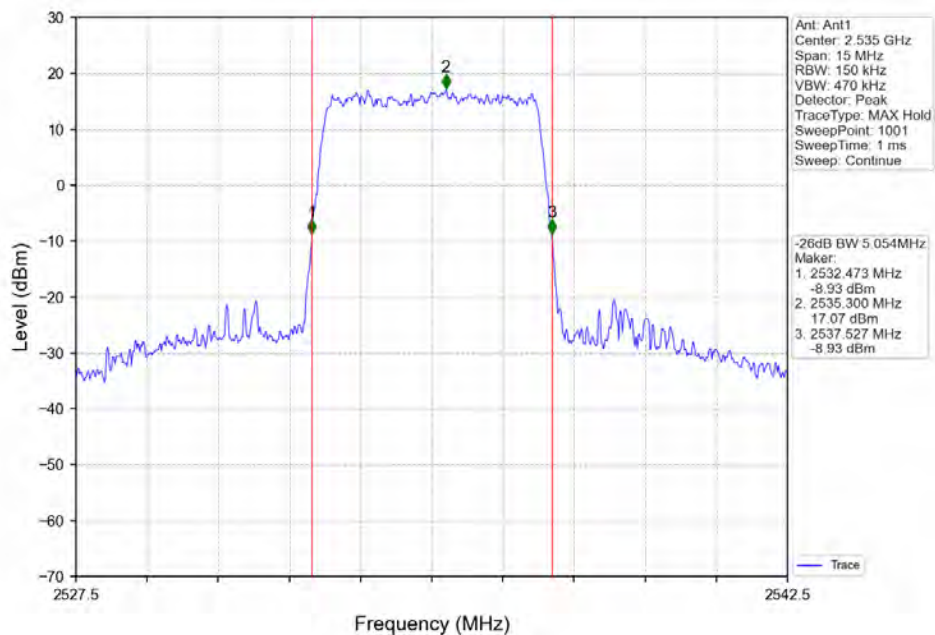
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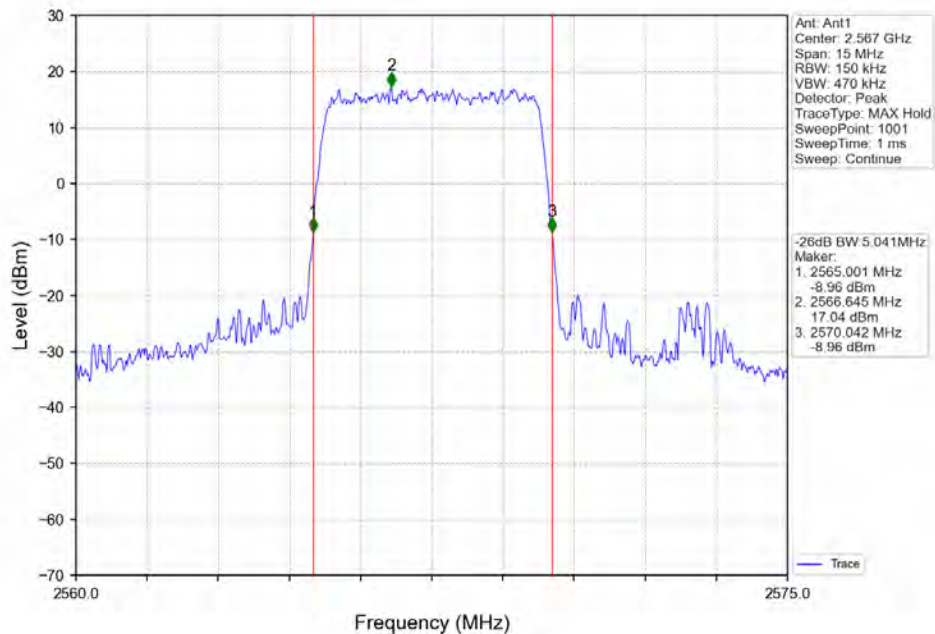
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Test Report No.: W7L-P20210616-3RF03

Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



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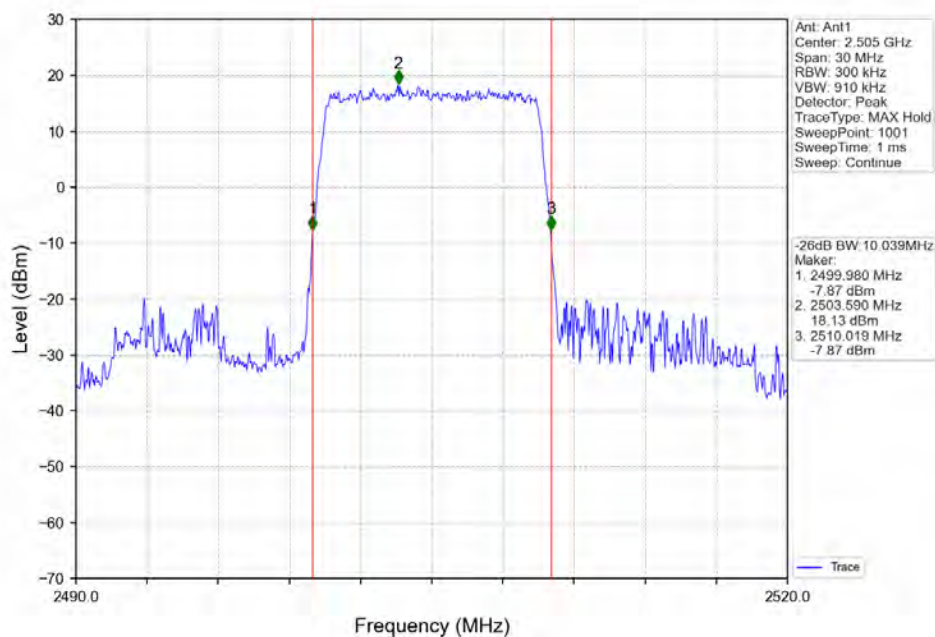
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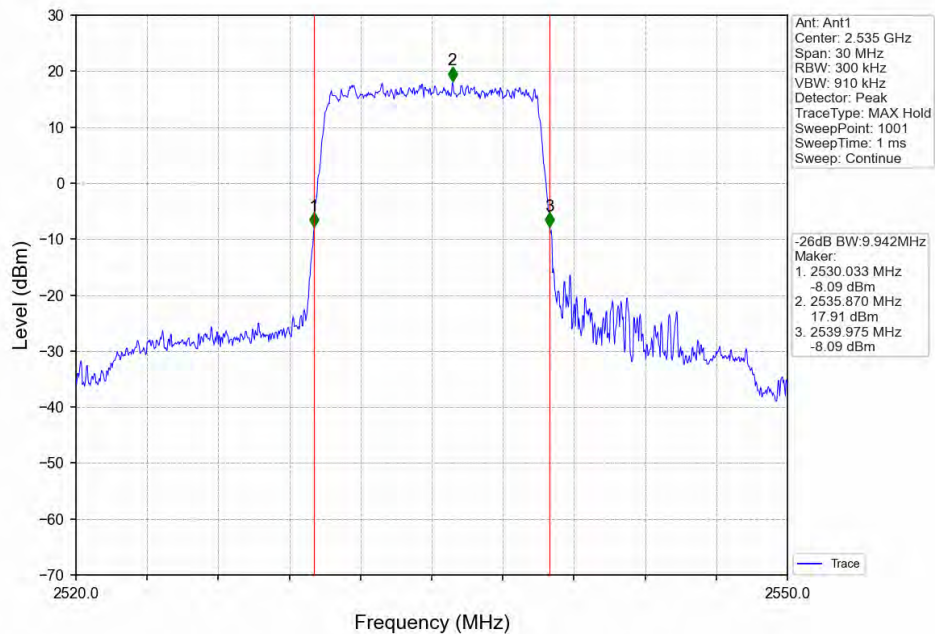
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Test Report No.: W7L-P20210616-3RF03

Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



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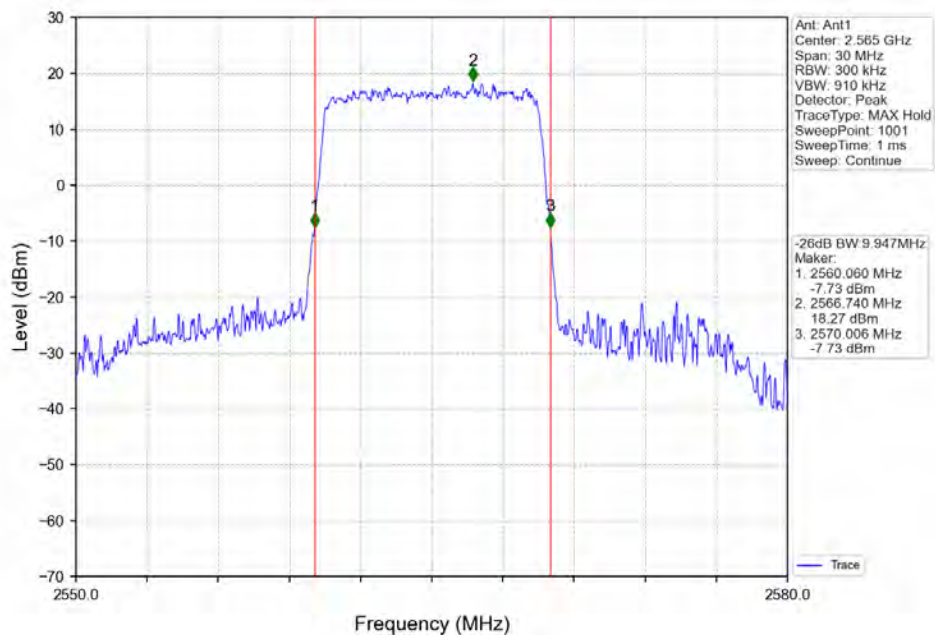
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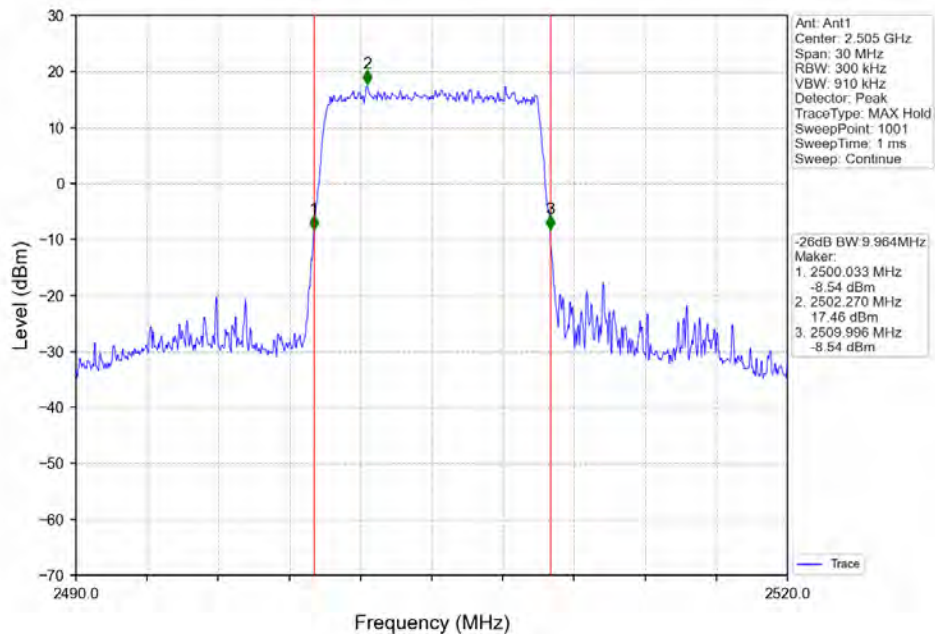
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Test Report No.: W7L-P20210616-3RF03

Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



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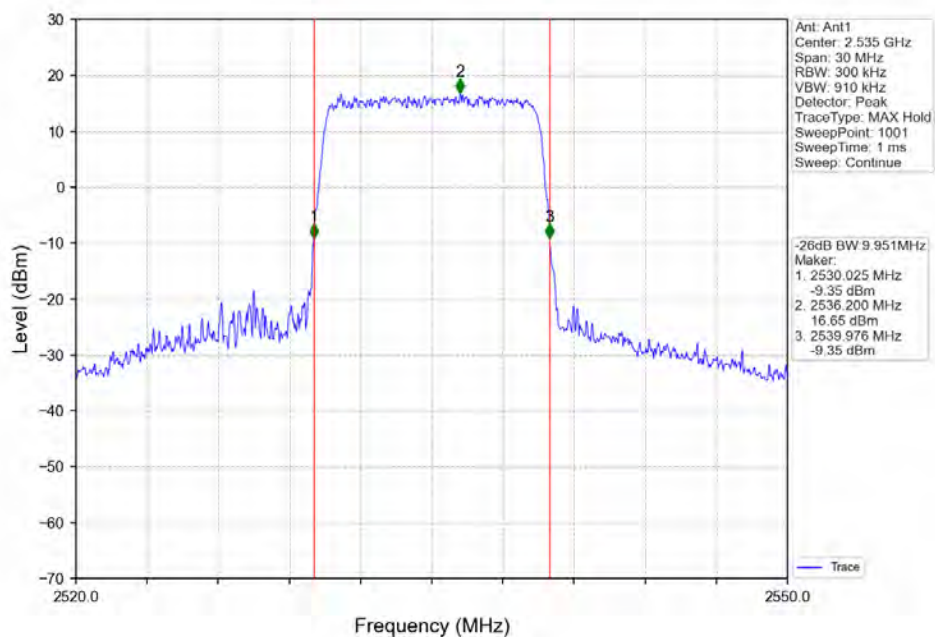
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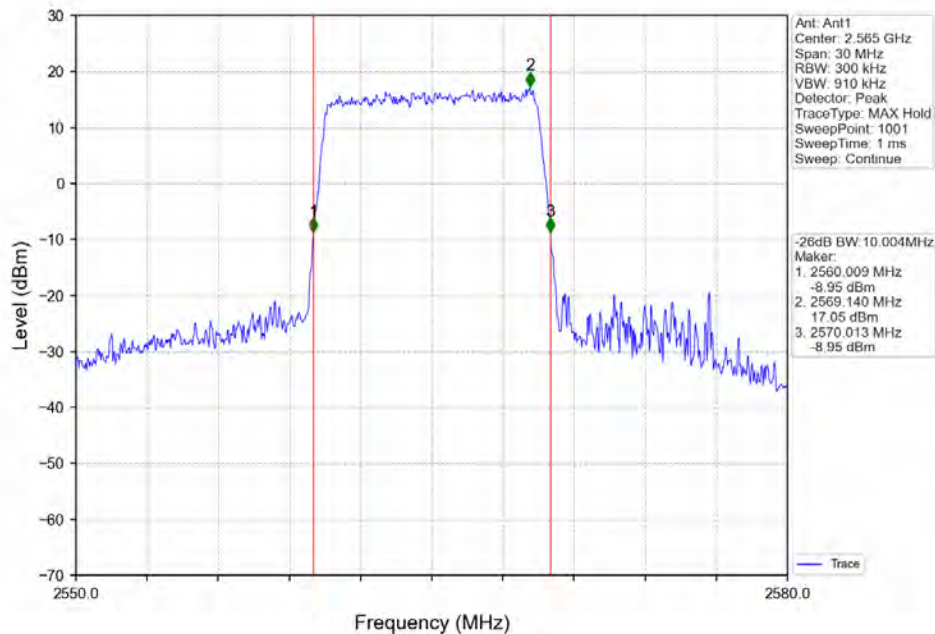
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Test Report No.: W7L-P20210616-3RF03

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



Band7 10MHz 16QAM HCH 2565MHz RB 50 0 NTNV



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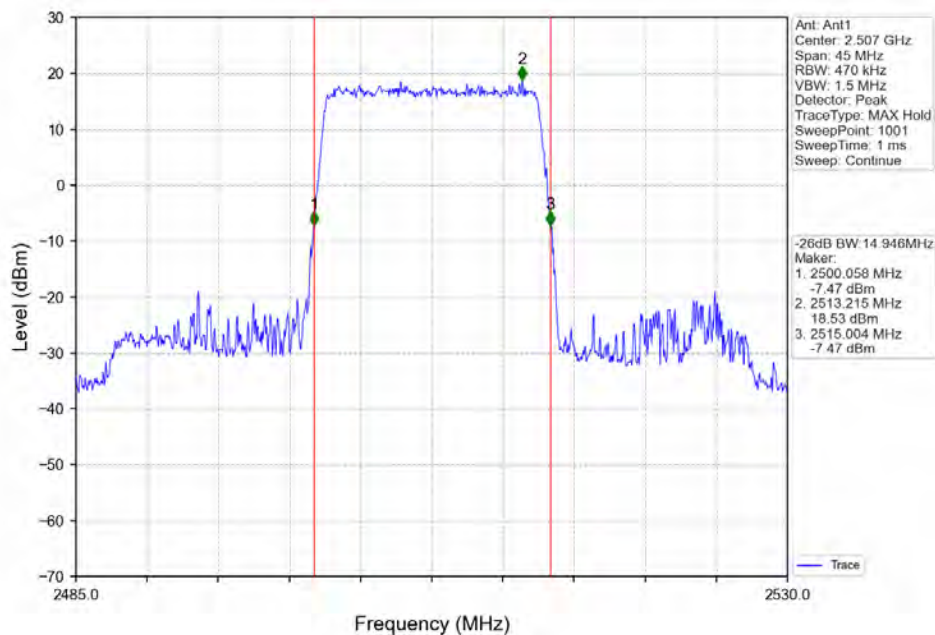
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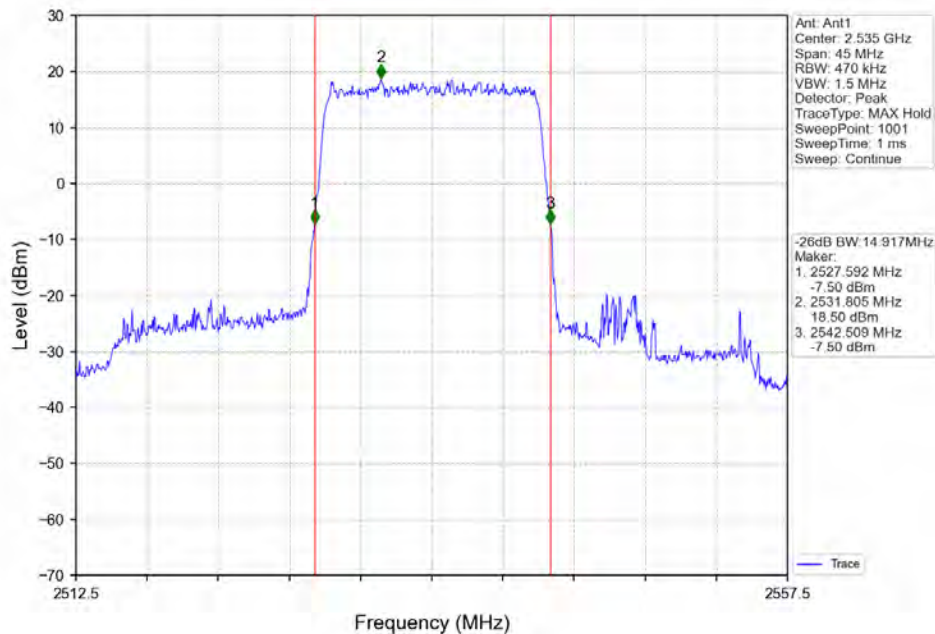
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Test Report No.: W7L-P20210616-3RF03

Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



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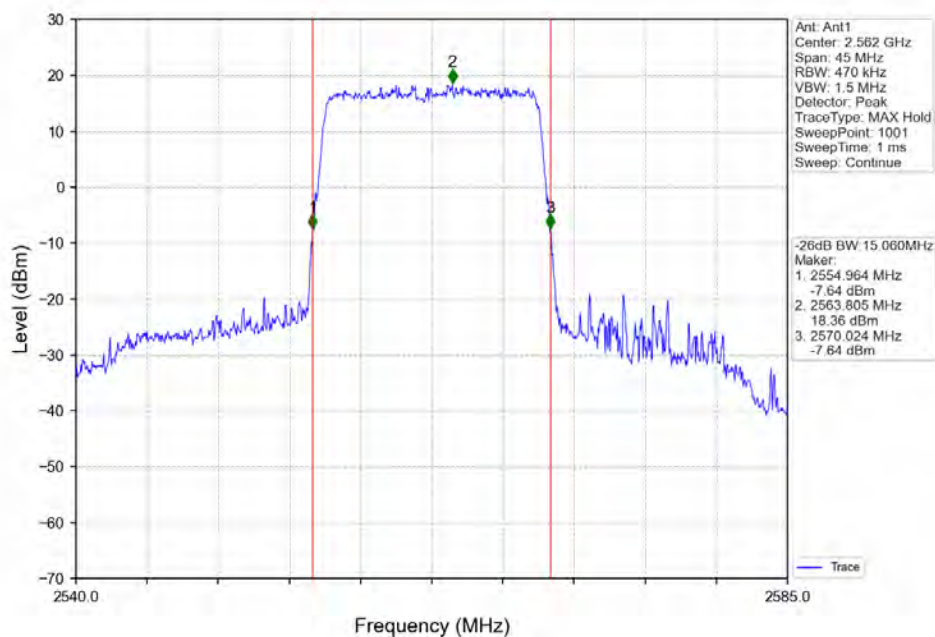
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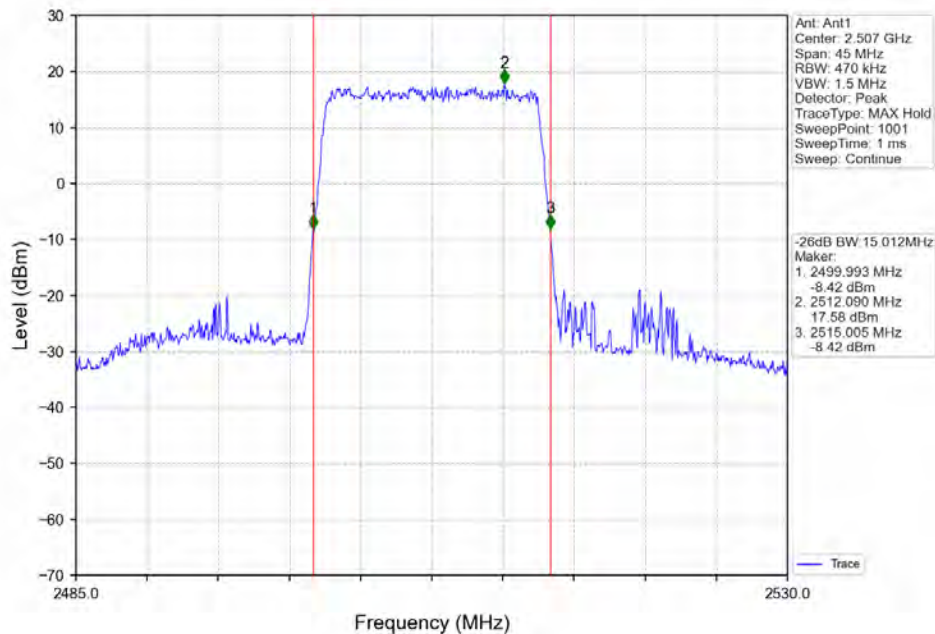
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Test Report No.: W7L-P20210616-3RF03

Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



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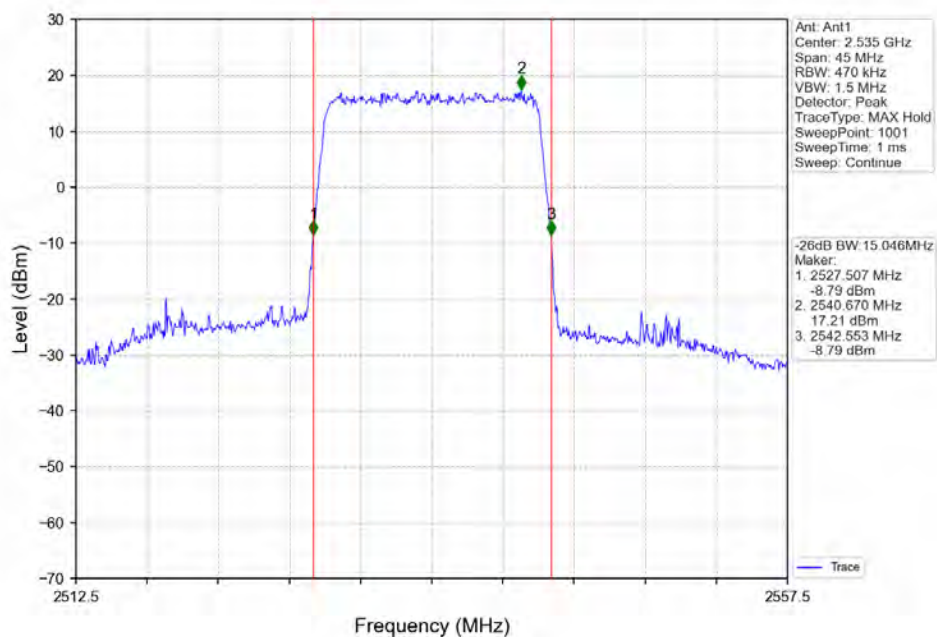
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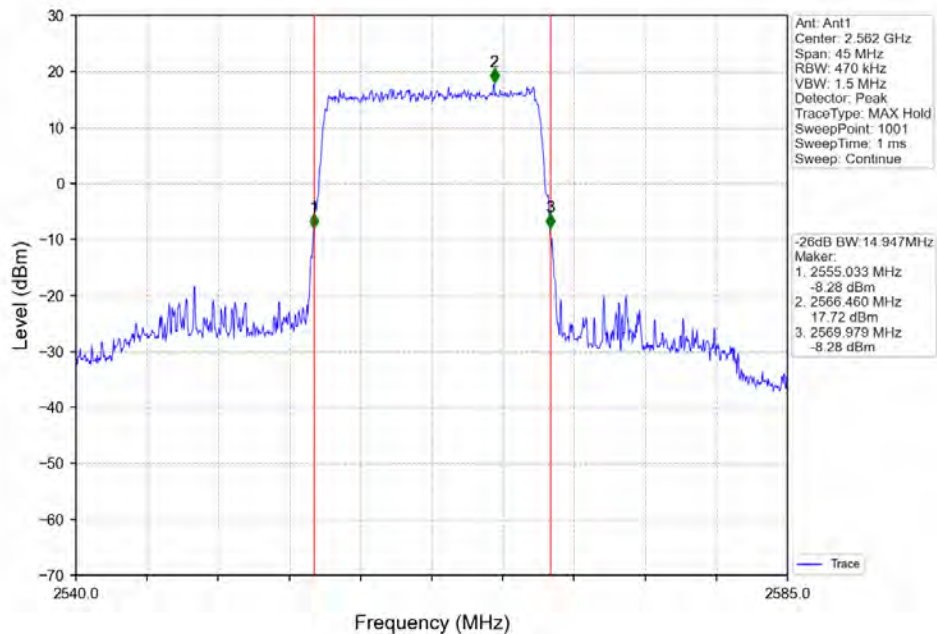
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Test Report No.: W7L-P20210616-3RF03

Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTNV



Band7 15MHz 16QAM HCH 2562.5MHz RB 75 0 NTNV



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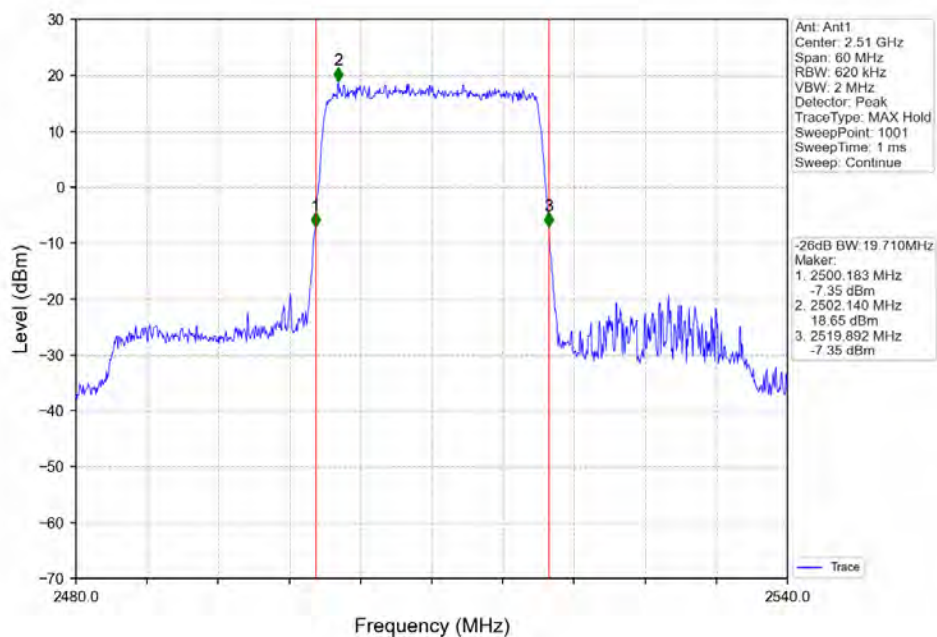
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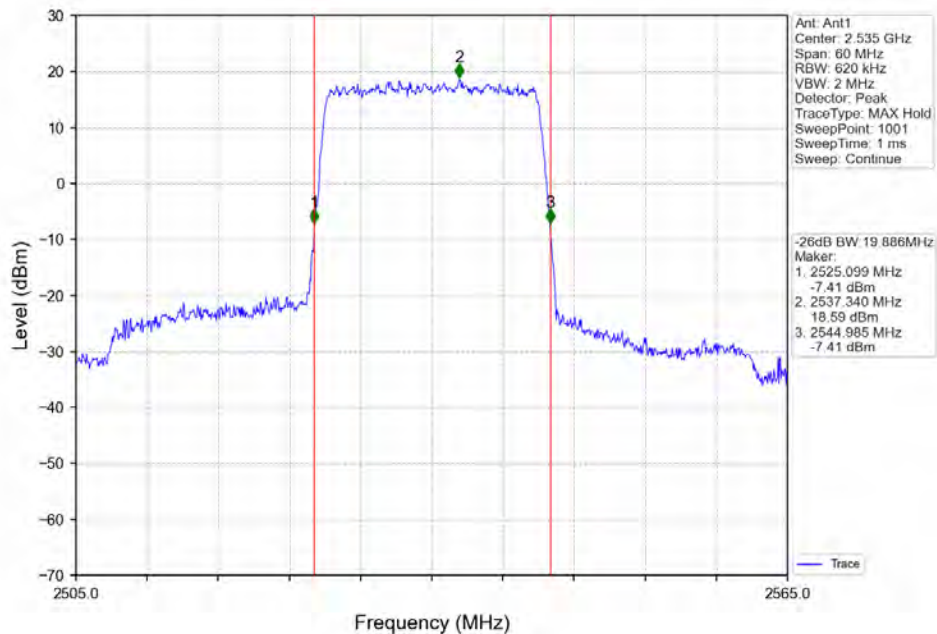
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VERITAS

Test Report No.: W7L-P20210616-3RF03

Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



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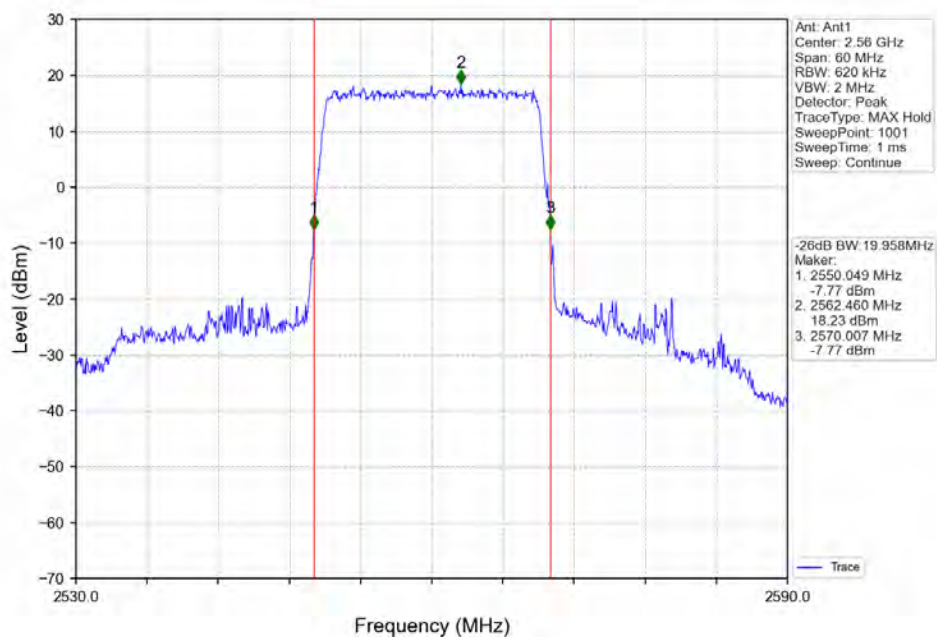
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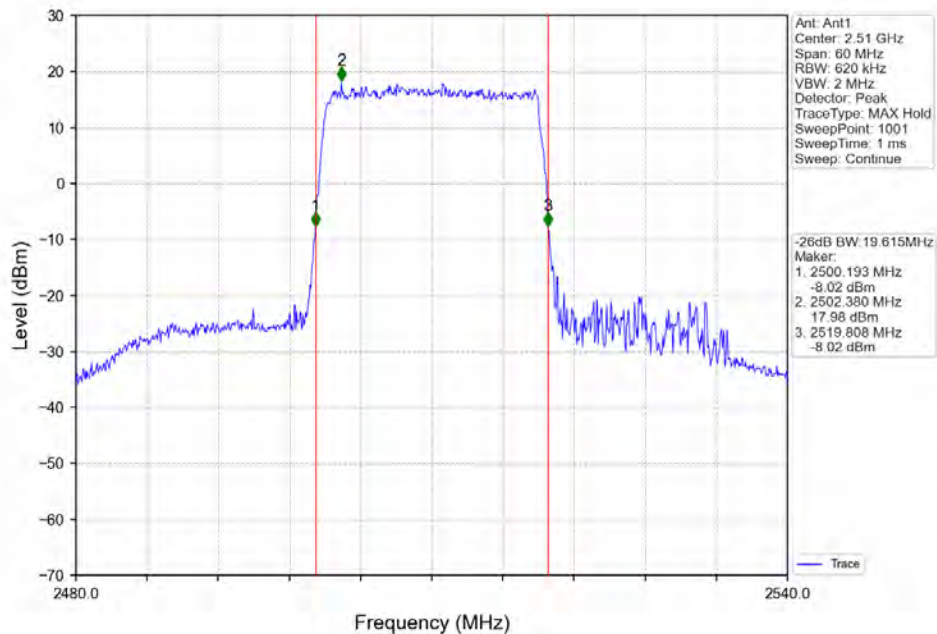
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VERITAS

Test Report No.: W7L-P20210616-3RF03

Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



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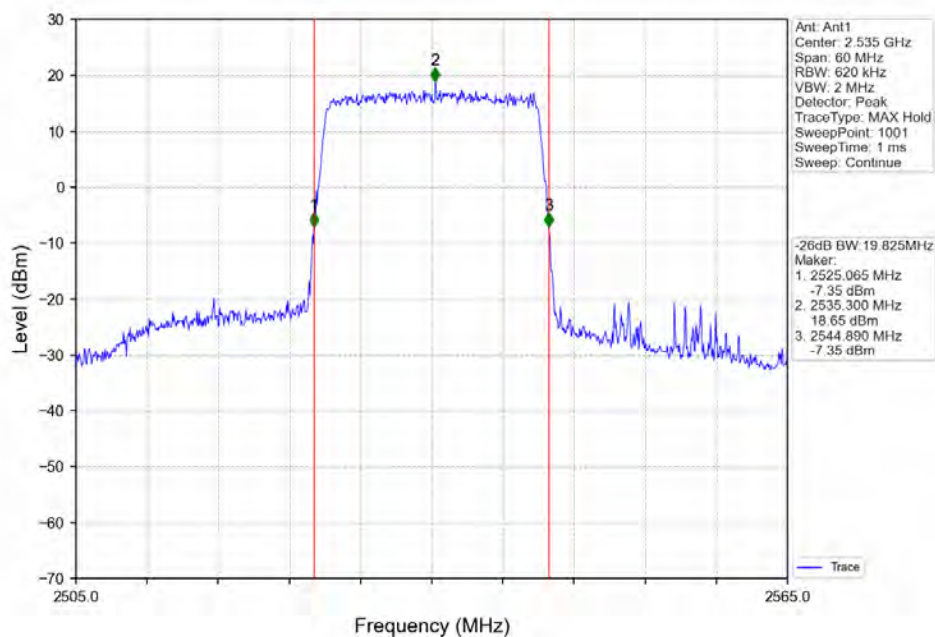
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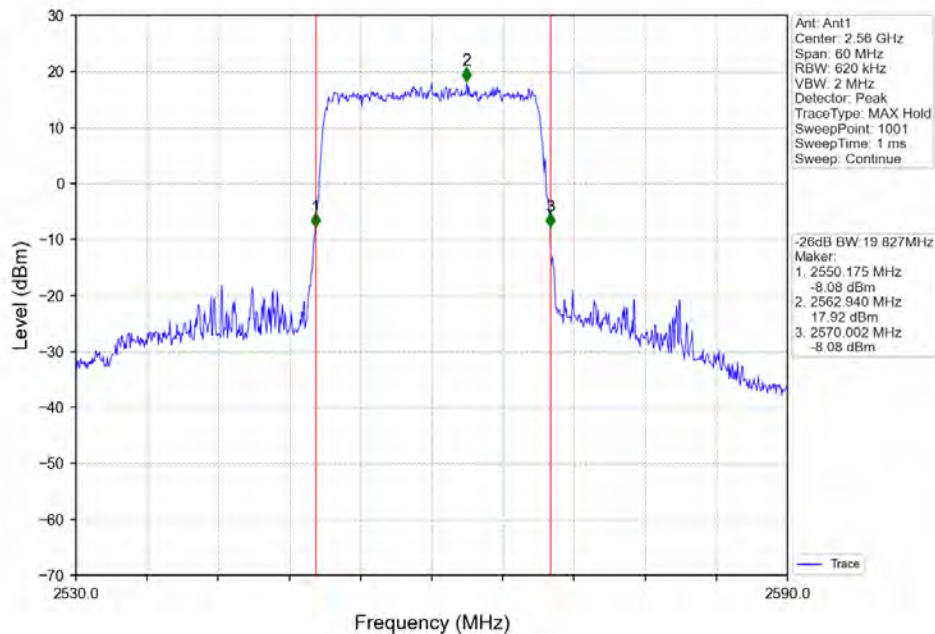
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Test Report No.: W7L-P20210616-3RF03

Band7 20MHz 16QAM MCH 2535MHz RB 100_0 NTN



Band7 20MHz 16QAM HCH 2560MHz RB 100_0 NTN



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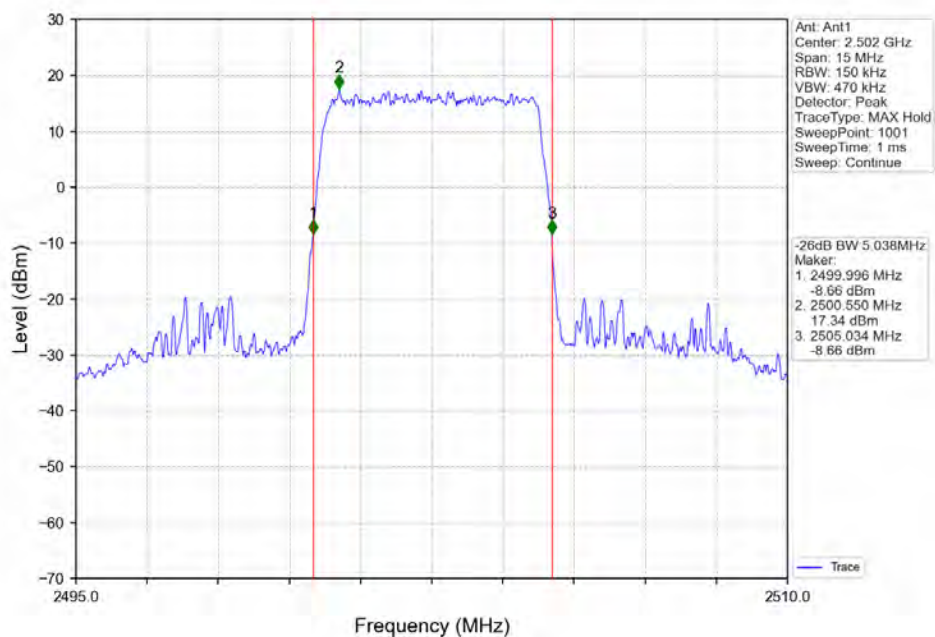
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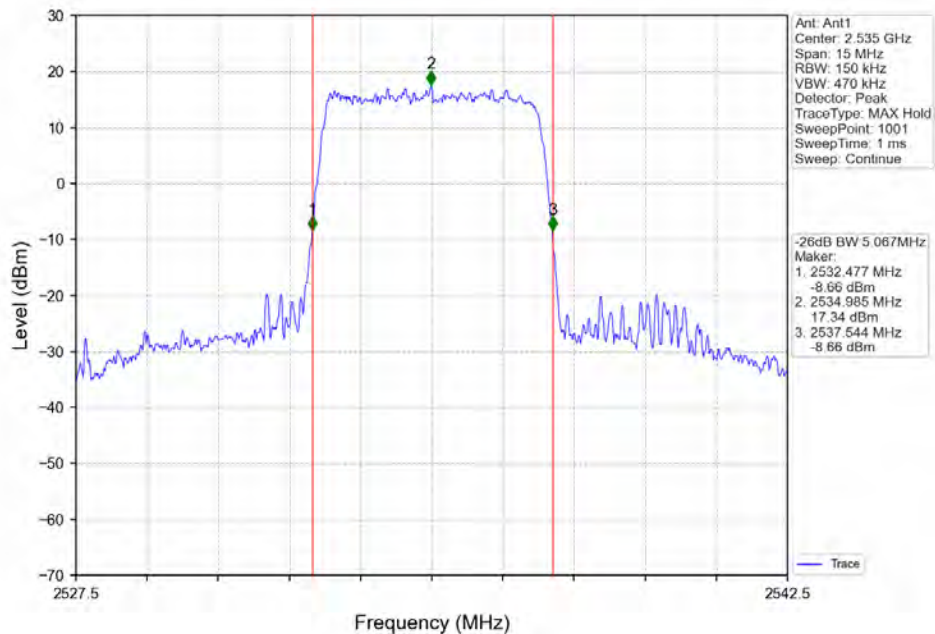
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Test Report No.: W7L-P20210616-3RF03

Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



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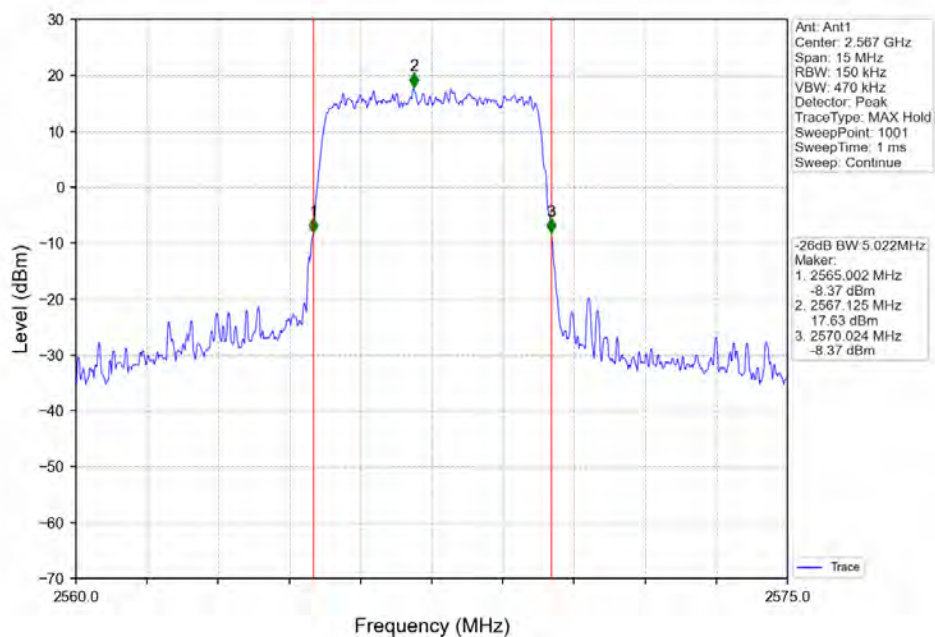
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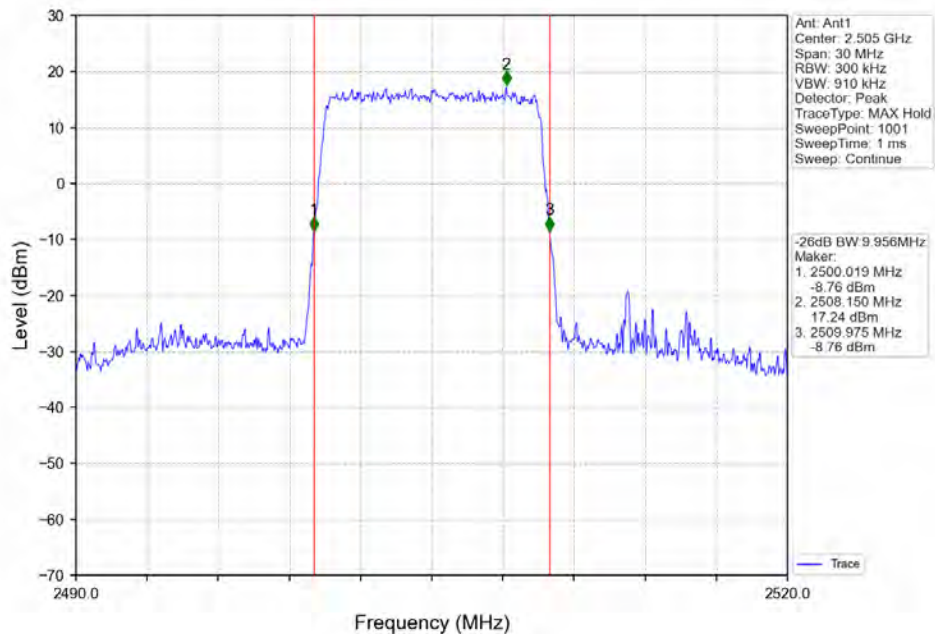
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Test Report No.: W7L-P20210616-3RF03

Band7_5MHz_64QAM_HCH_2567.5MHz_RB_25_0_NTNV



Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV



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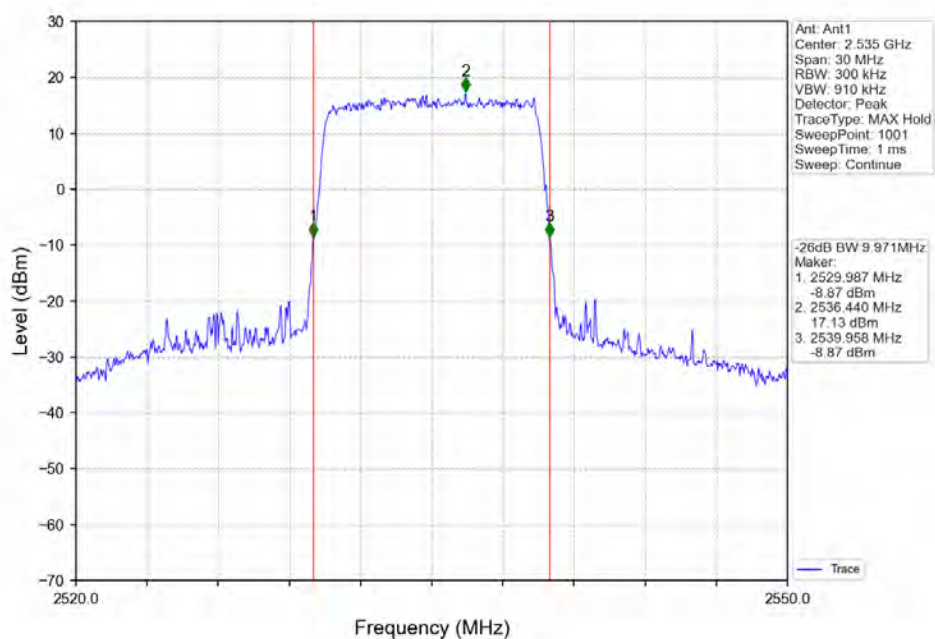
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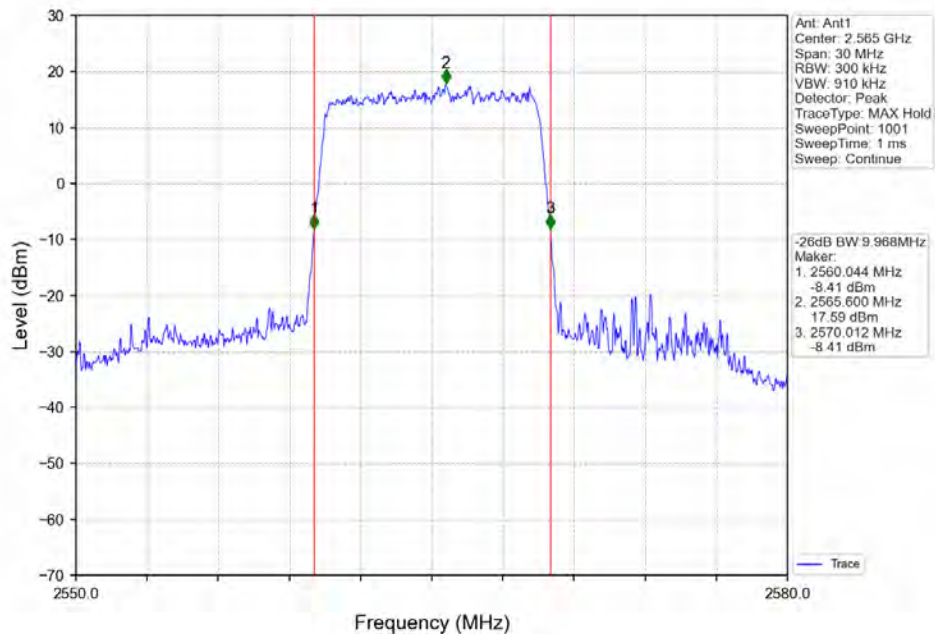
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Band7 10MHz 64QAM MCH 2535MHz RB 50 0 NTNV



Band7 10MHz 64QAM HCH 2565MHz RB 50 0 NTNV



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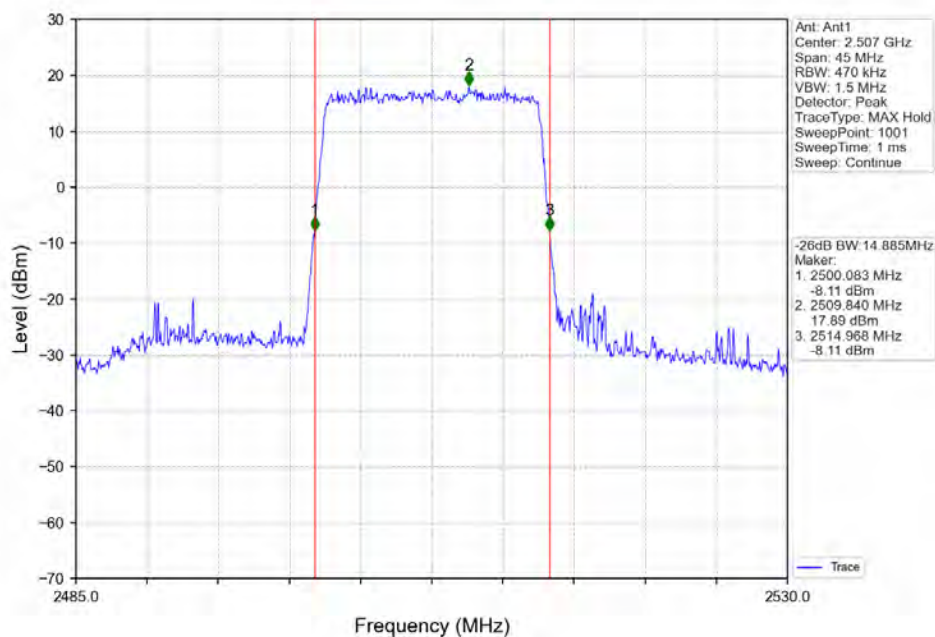
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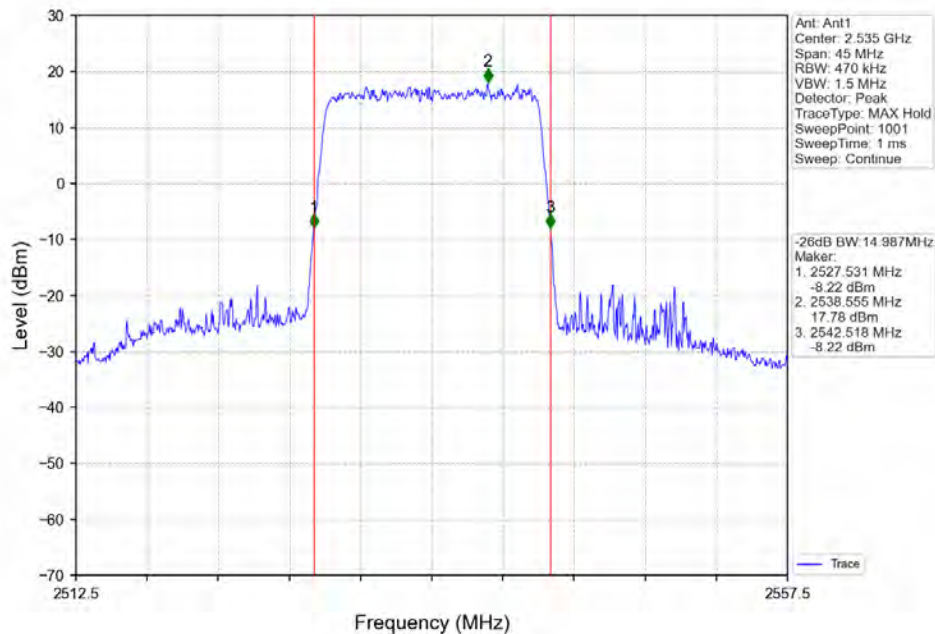
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Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



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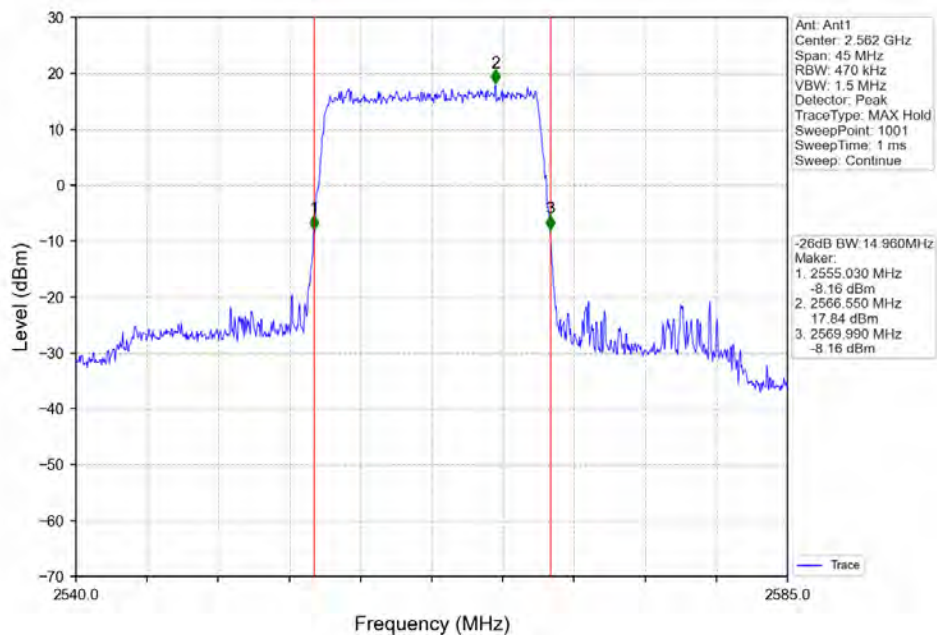
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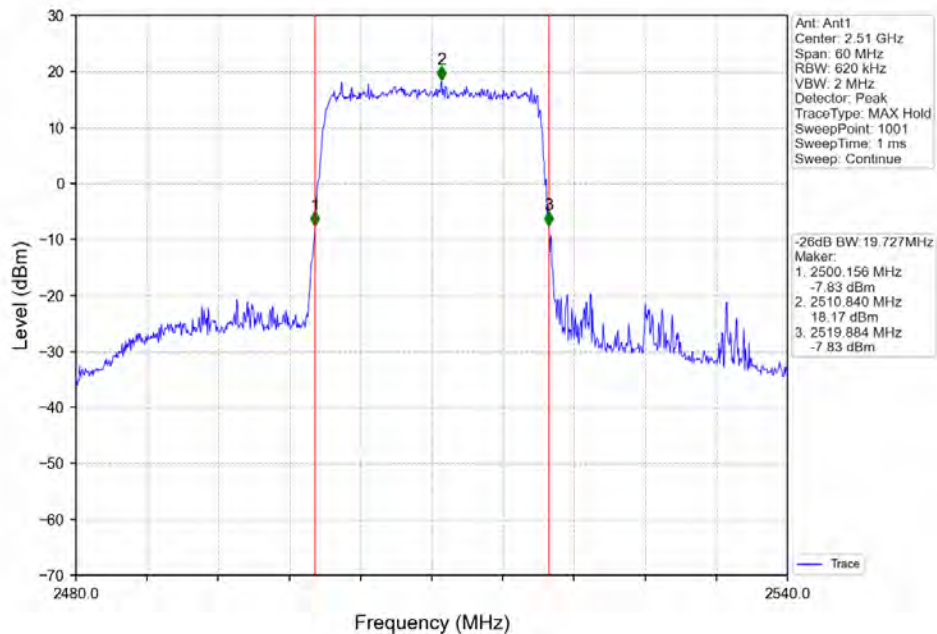
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Test Report No.: W7L-P20210616-3RF03

Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV



Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV



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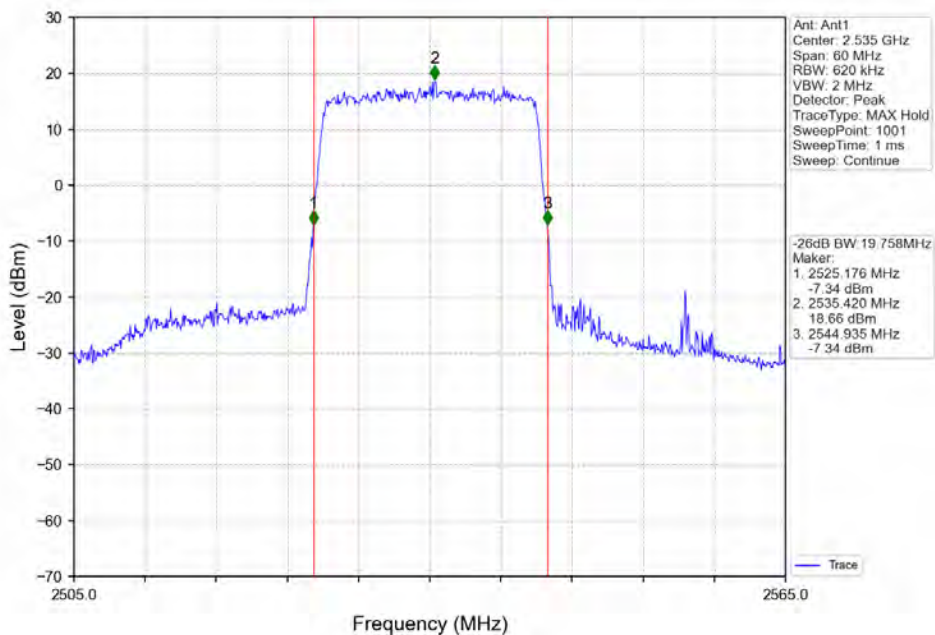
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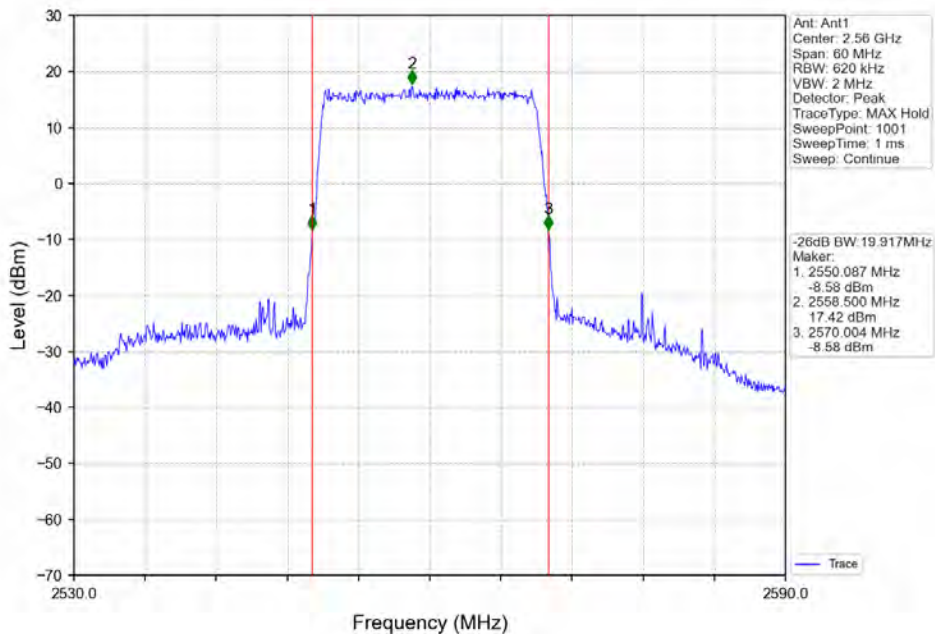
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Test Report No.: W7L-P20210616-3RF03

Band7 20MHz 64QAM MCH 2535MHz RB 100_0 NTN



Band7 20MHz 64QAM HCH 2560MHz RB 100_0 NTN



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2.5 LTE Band 12_OBW

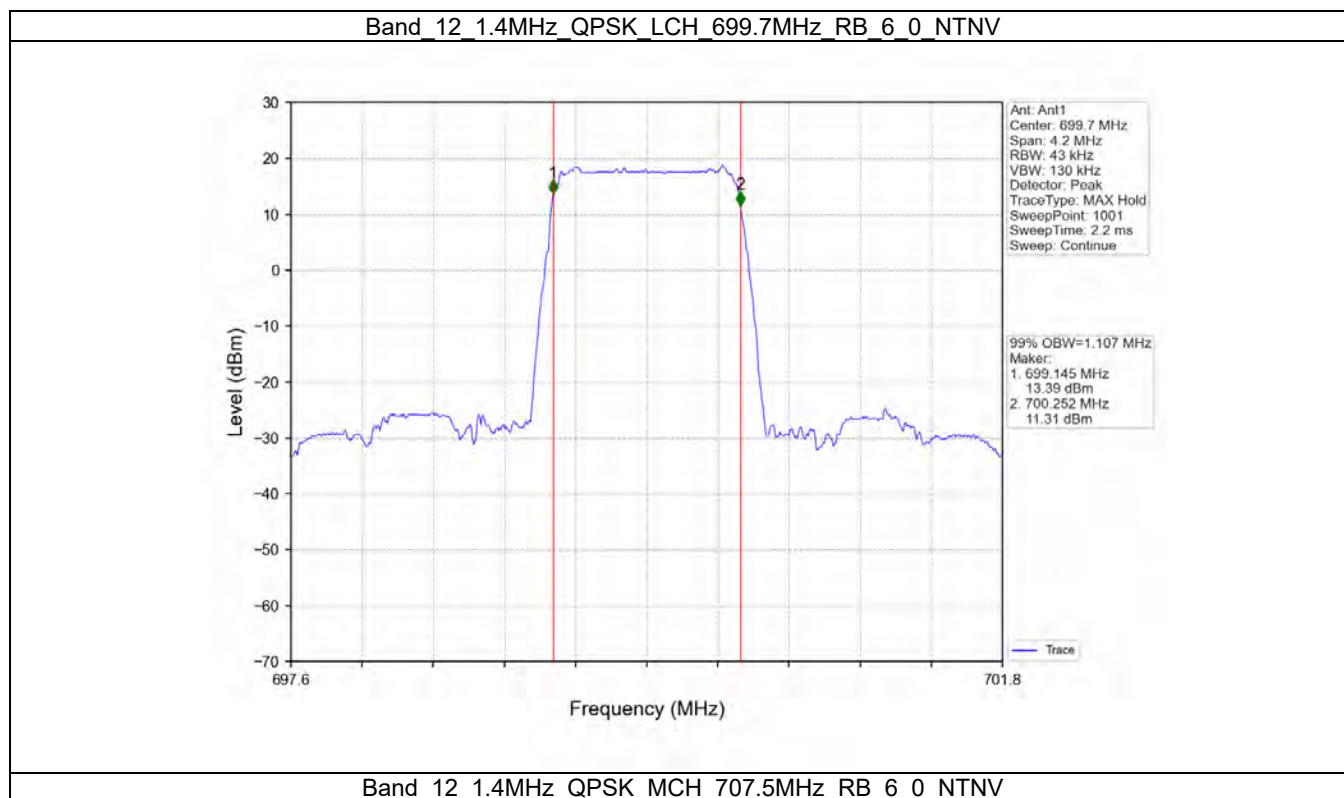
2.5.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.107	1.111	1.105	/	Pass
16QAM	6	0	1.110	1.102	1.100	/	Pass
64QAM	6	0	1.106	1.103	1.104	/	Pass
Band: 12 / Bandwidth: 3MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	2.733	2.745	2.744	/	Pass
16QAM	15	0	2.740	2.736	2.730	/	Pass
64QAM	15	0	2.740	2.739	2.739	/	Pass
Band: 12 / Bandwidth: 5MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	4.565	4.538	4.529	/	Pass
16QAM	25	0	4.540	4.552	4.567	/	Pass
64QAM	25	0	4.543	4.554	4.561	/	Pass
Band: 12 / Bandwidth: 10MHz / NTNV							
Modulation	RB Allocation		99% Occupied Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.063	9.047	9.004	/	Pass
16QAM	50	0	9.064	9.009	9.011	/	Pass
64QAM	50	0	9.057	9.043	9.043	/	Pass



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2.5.2 Test Graph



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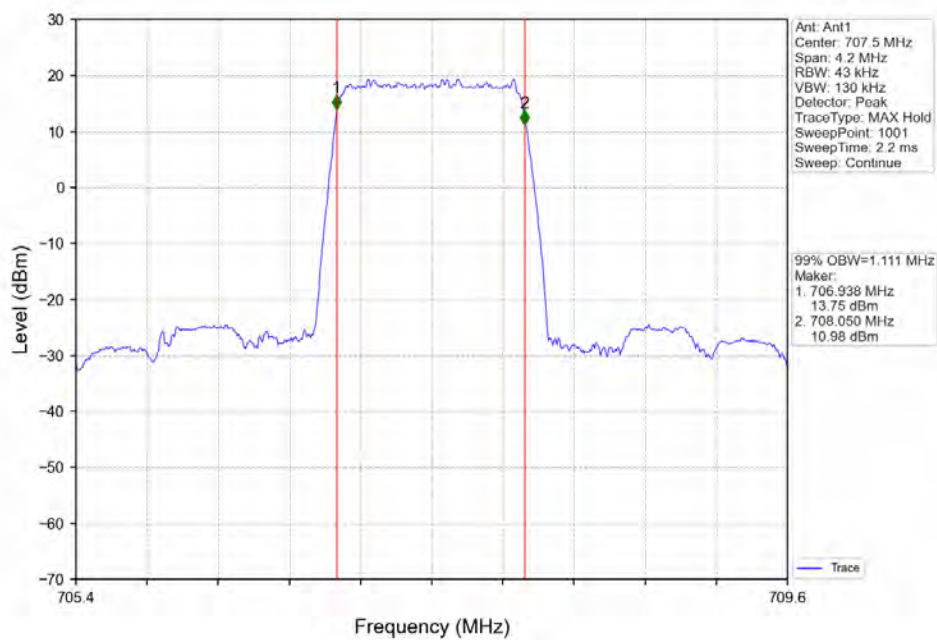
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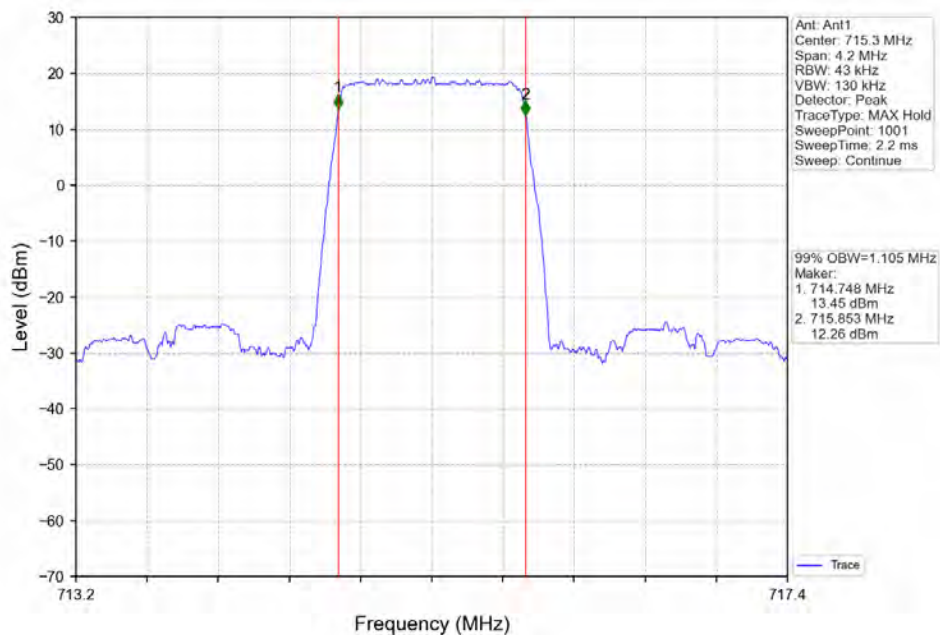
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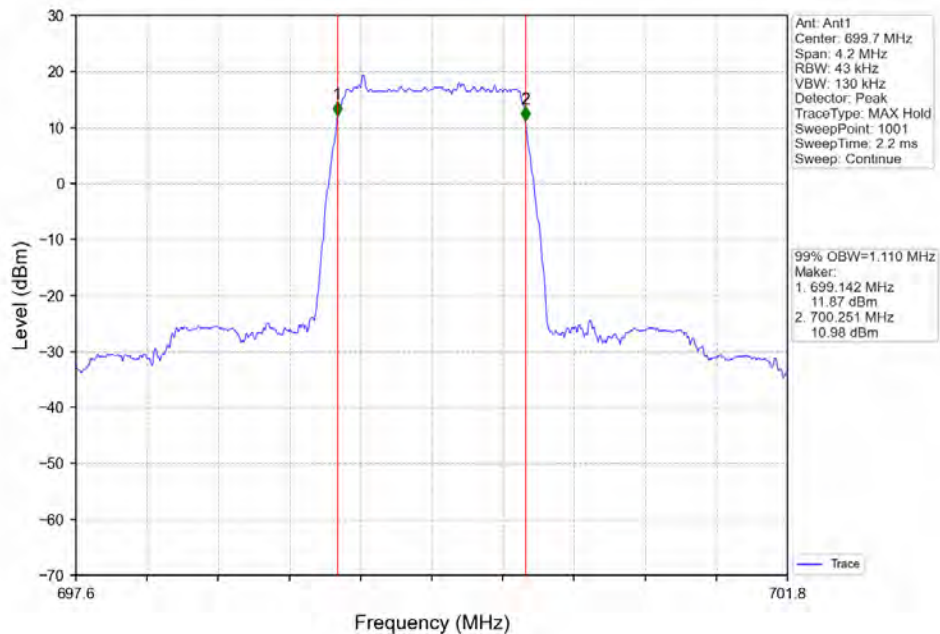
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Test Report No.: W7L-P20210616-3RF03

Band 12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



Band 12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



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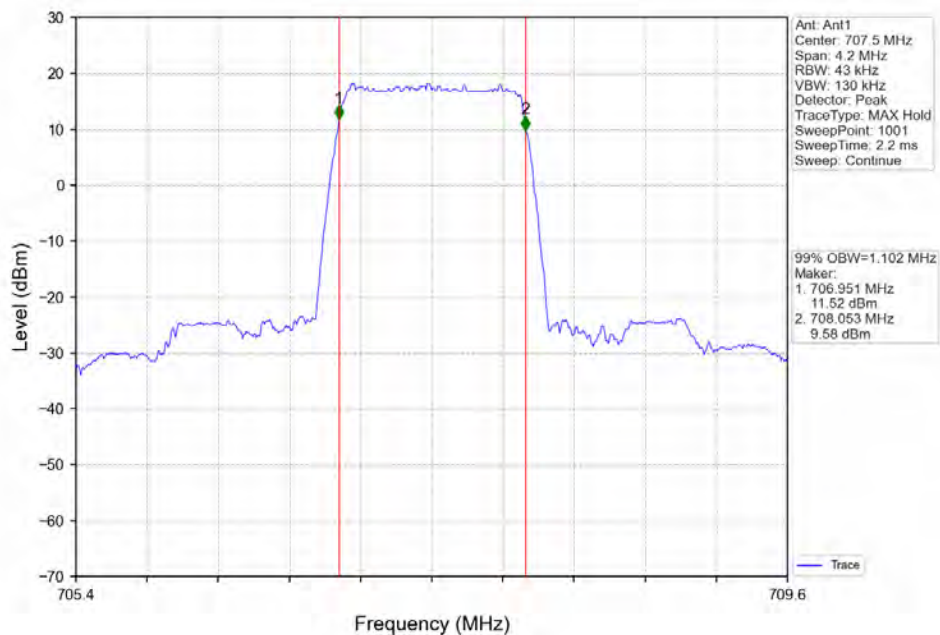
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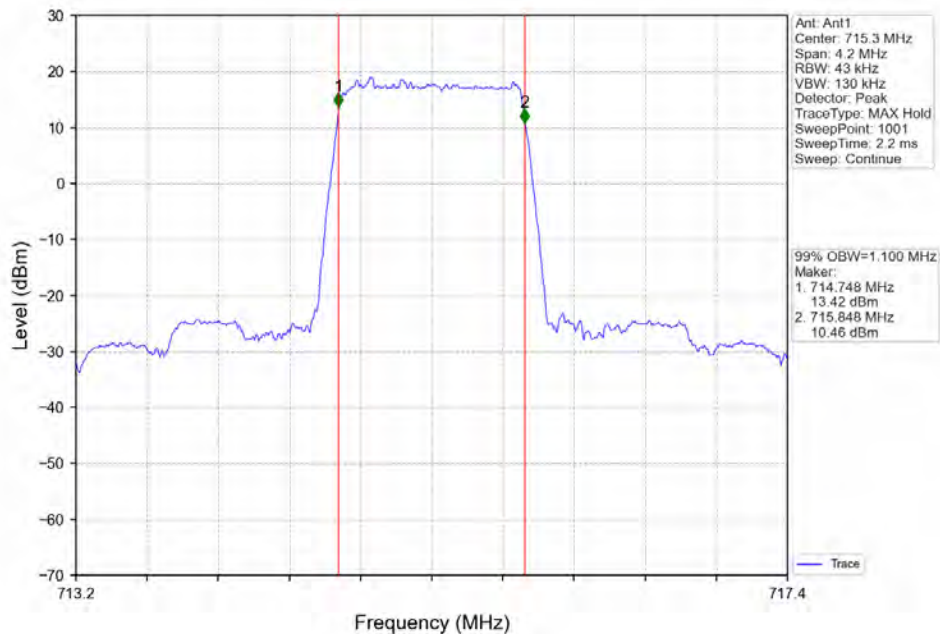
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VERITAS

Test Report No.: W7L-P20210616-3RF03

Band 12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



Band 12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



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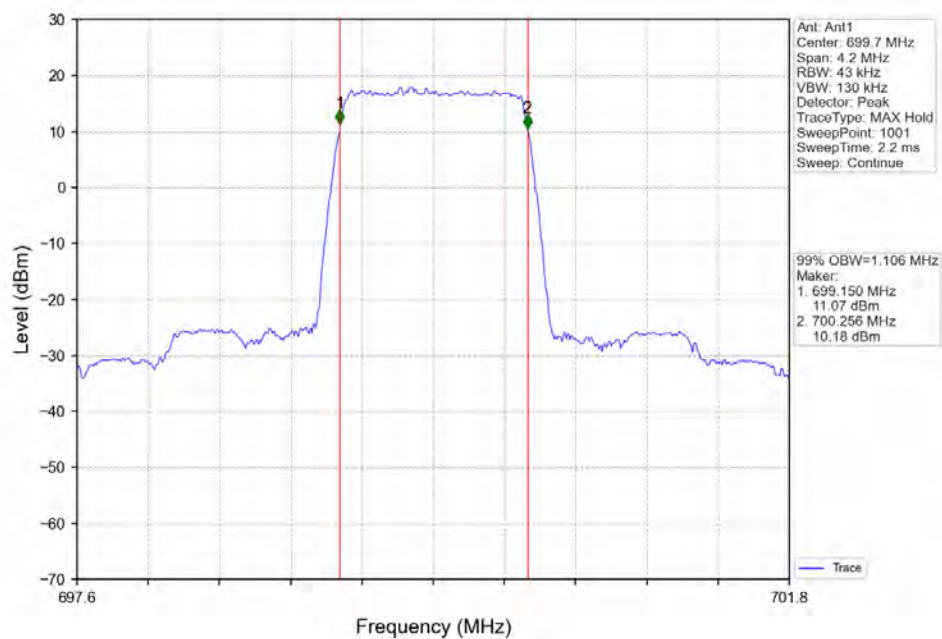
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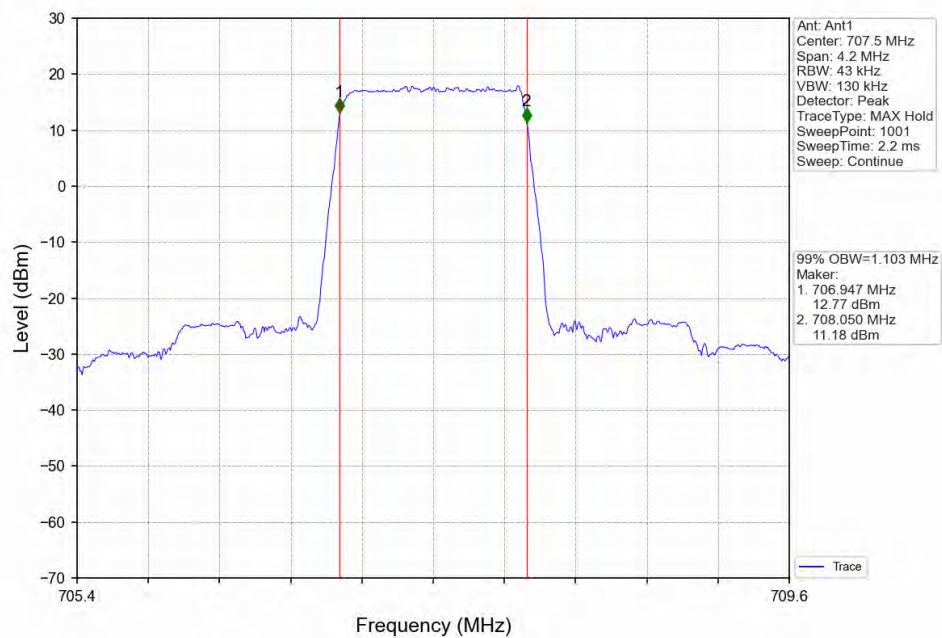
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Test Report No.: W7L-P20210616-3RF03

Band_12_1.4MHz_64QAM_LCH_699.7MHz_RB_6_0_NTNV



Band_12_1.4MHz_64QAM_MCH_707.5MHz_RB_6_0_NTNV



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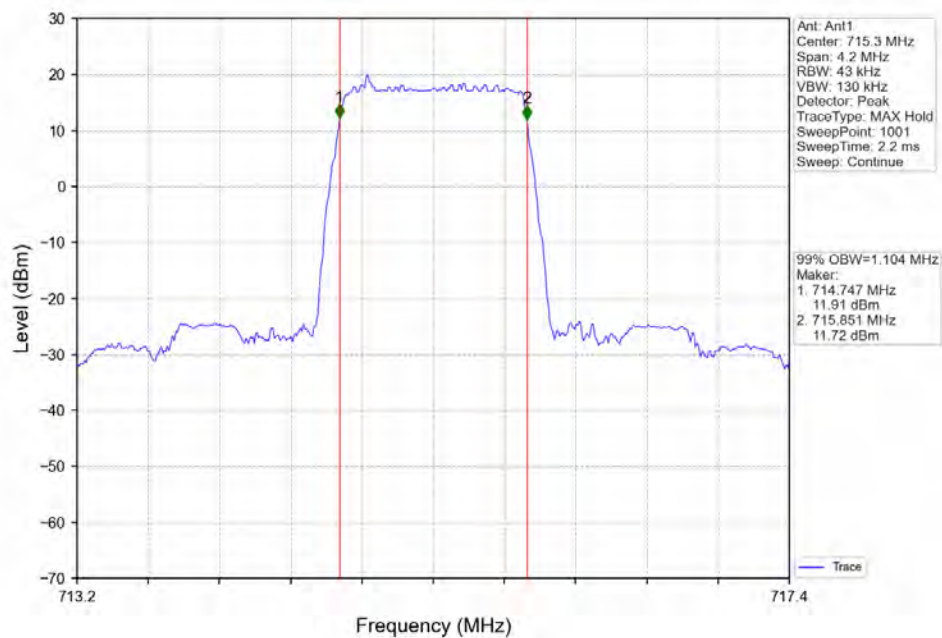
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Test Report No.: W7L-P20210616-3RF03

Band 12 1.4MHz 64QAM HCH 715.3MHz RB 6 0 NTN



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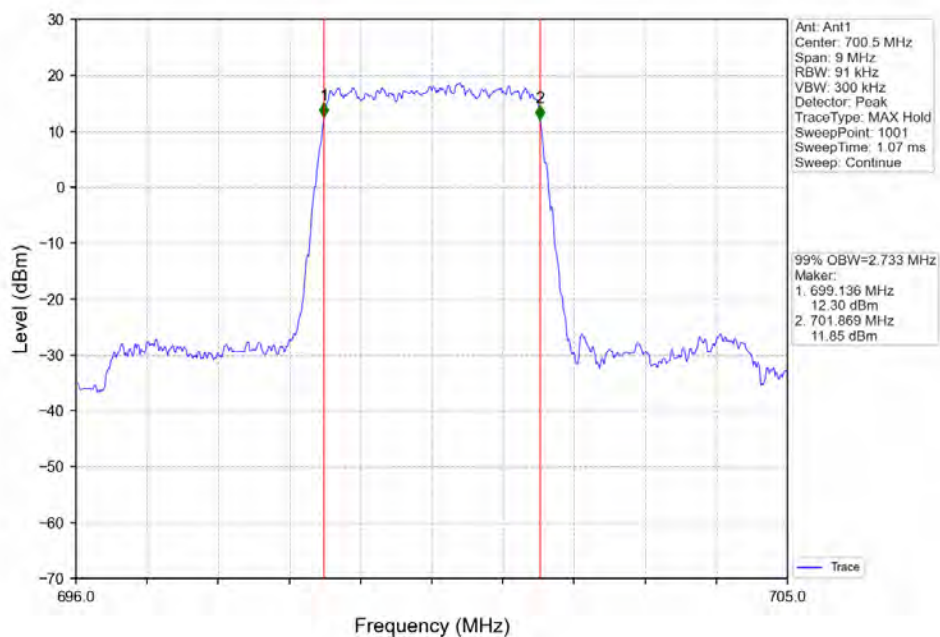
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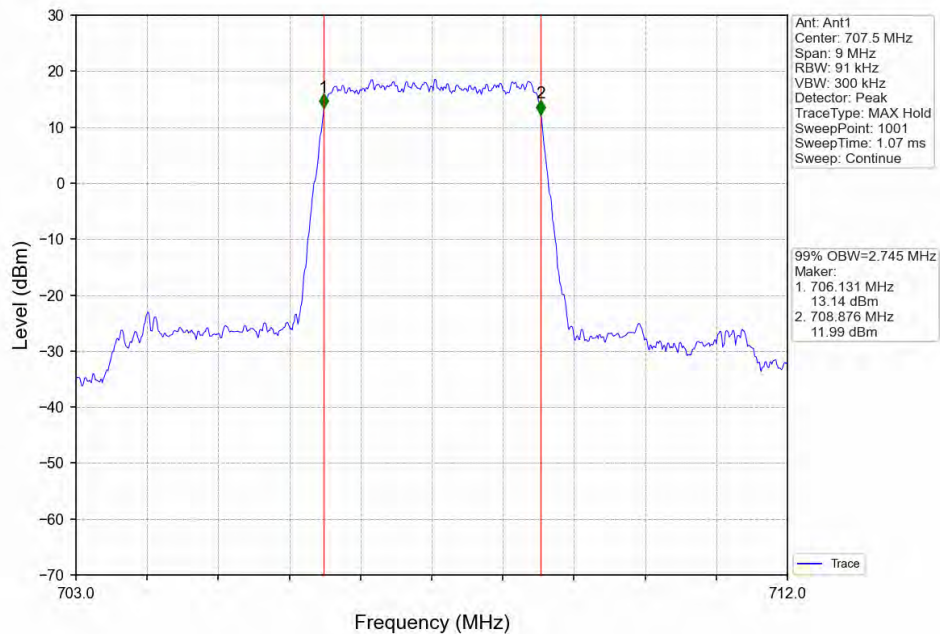
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Test Report No.: W7L-P20210616-3RF03

Band 12 3MHz QPSK LCH 700.5MHz RB 15 0 NTV



Band 12 3MHz QPSK MCH 707.5MHz RB 15 0 NTV



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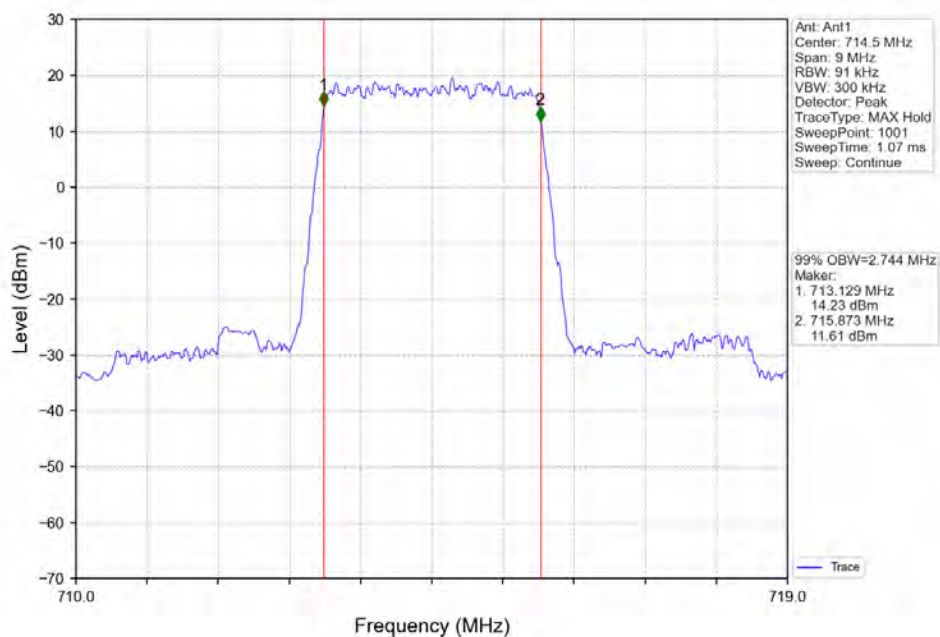
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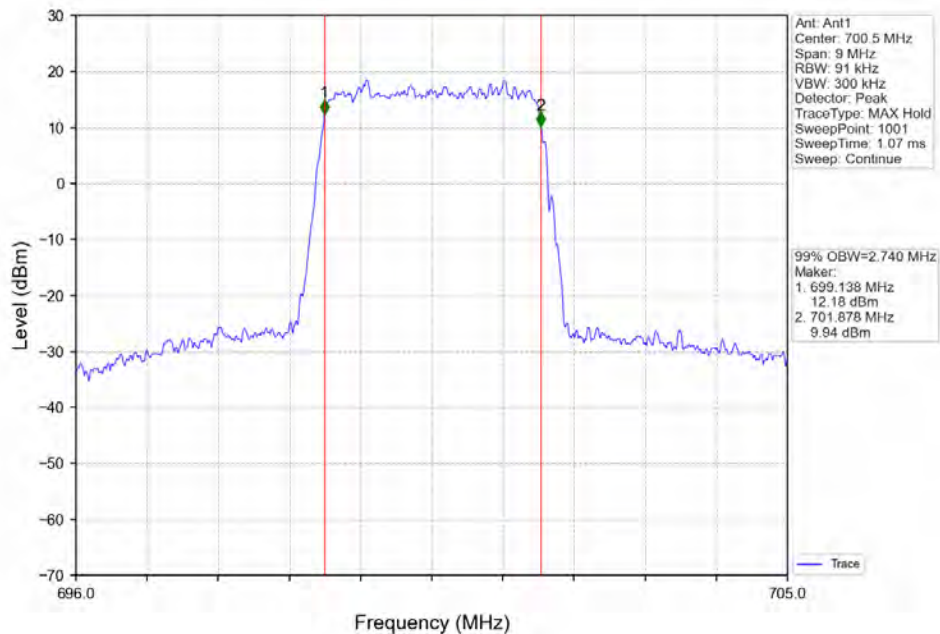
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Test Report No.: W7L-P20210616-3RF03

Band_12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



Band_12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



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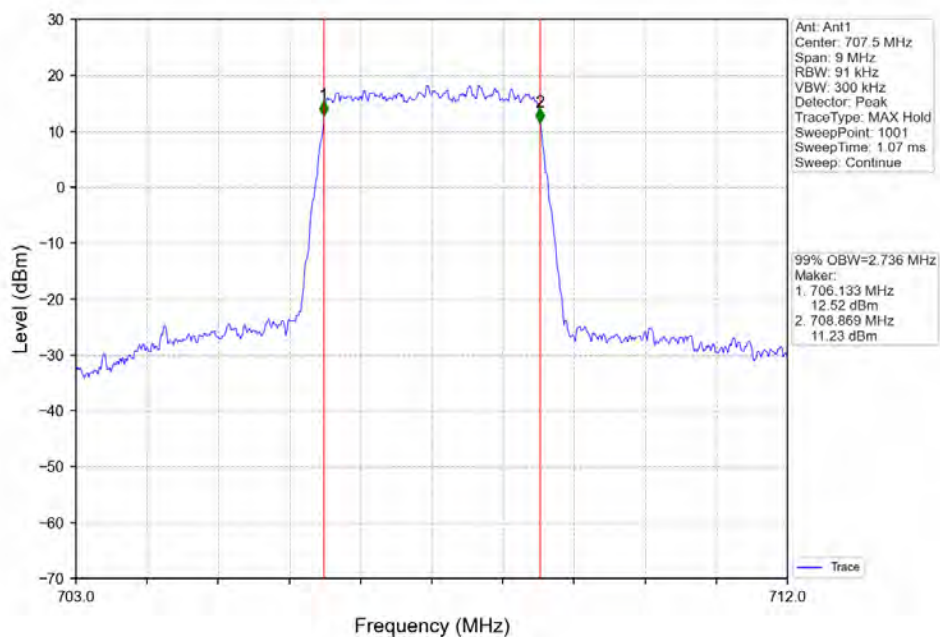
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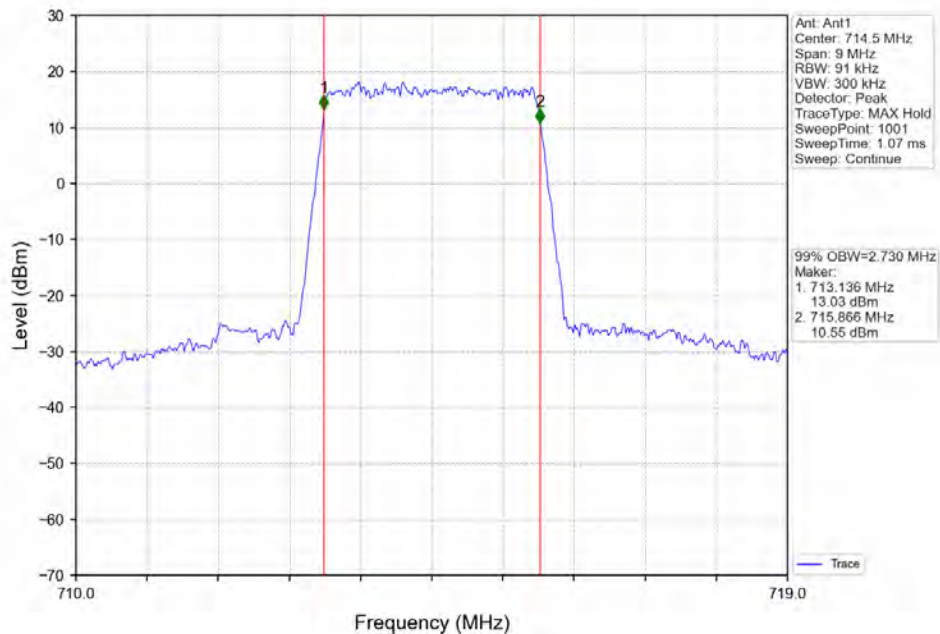
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VERITAS

Test Report No.: W7L-P20210616-3RF03

Band 12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



Band 12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



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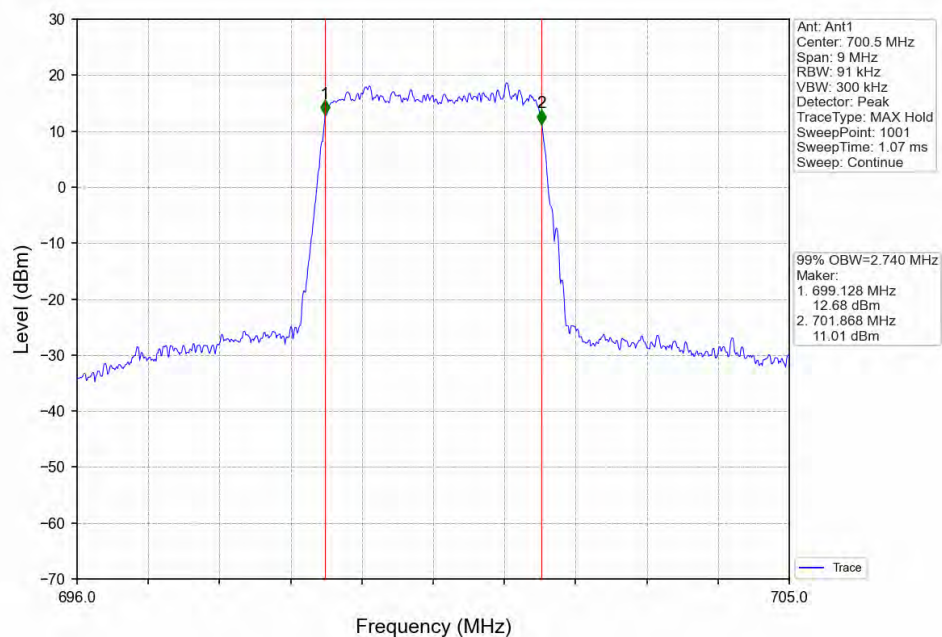
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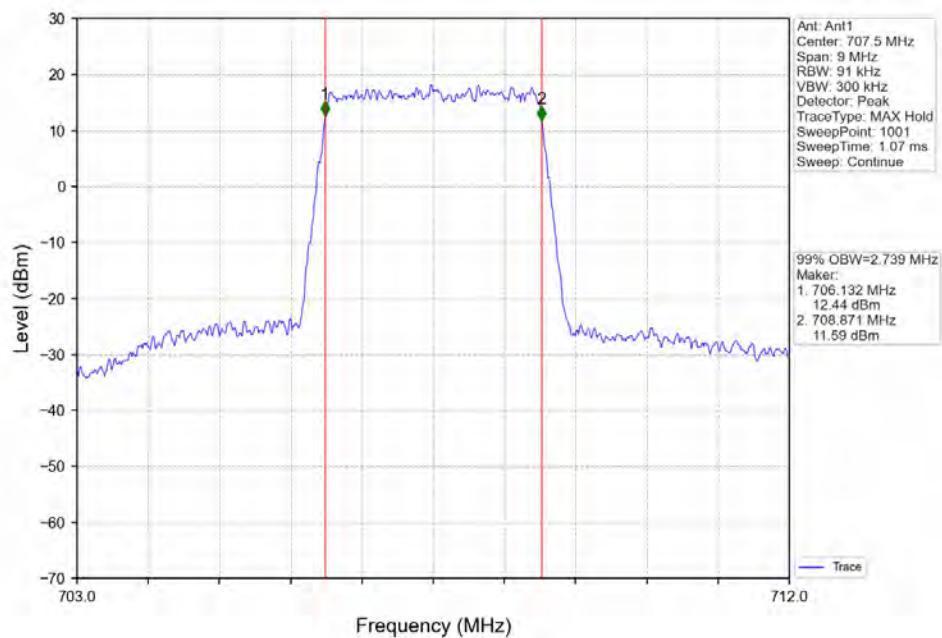
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Test Report No.: W7L-P20210616-3RF03

Band 12 3MHz 64QAM LCH 700.5MHz RB 15_0 NTNV



Band 12 3MHz 64QAM MCH 707.5MHz RB 15_0 NTNV



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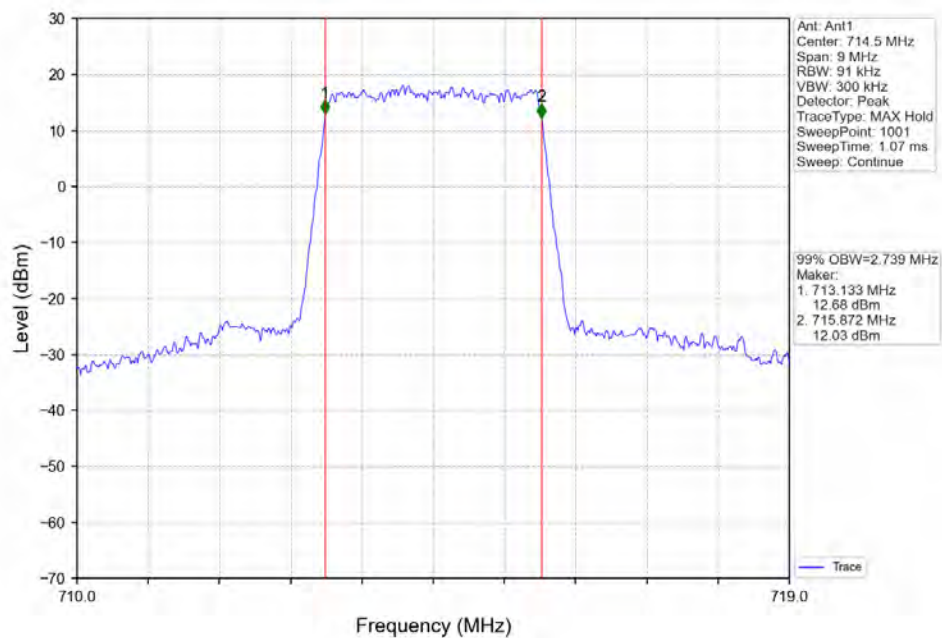
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Test Report No.: W7L-P20210616-3RF03

Band_12_3MHz_64QAM_HCH_714.5MHz_RB_15_0_NTNV



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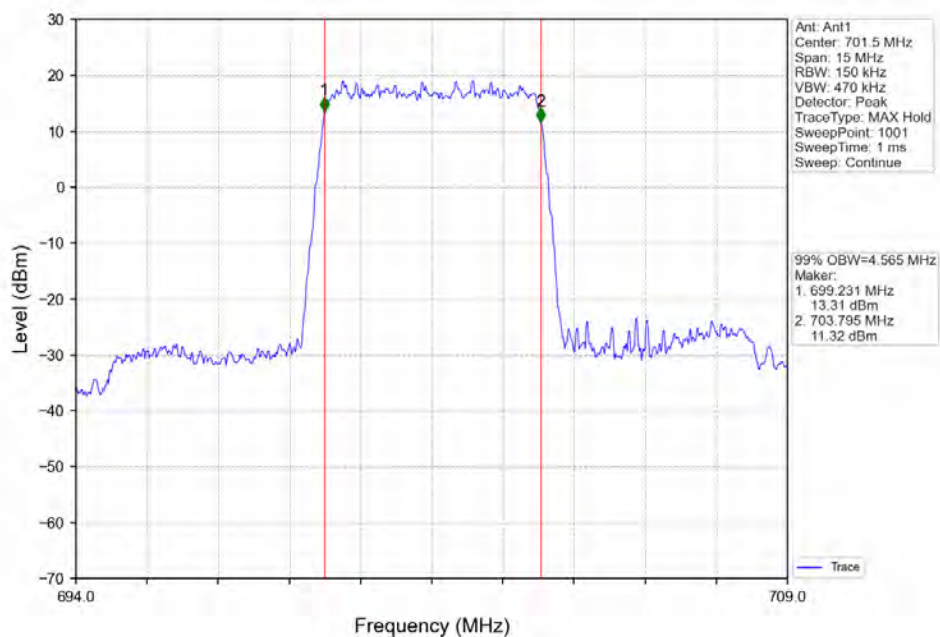
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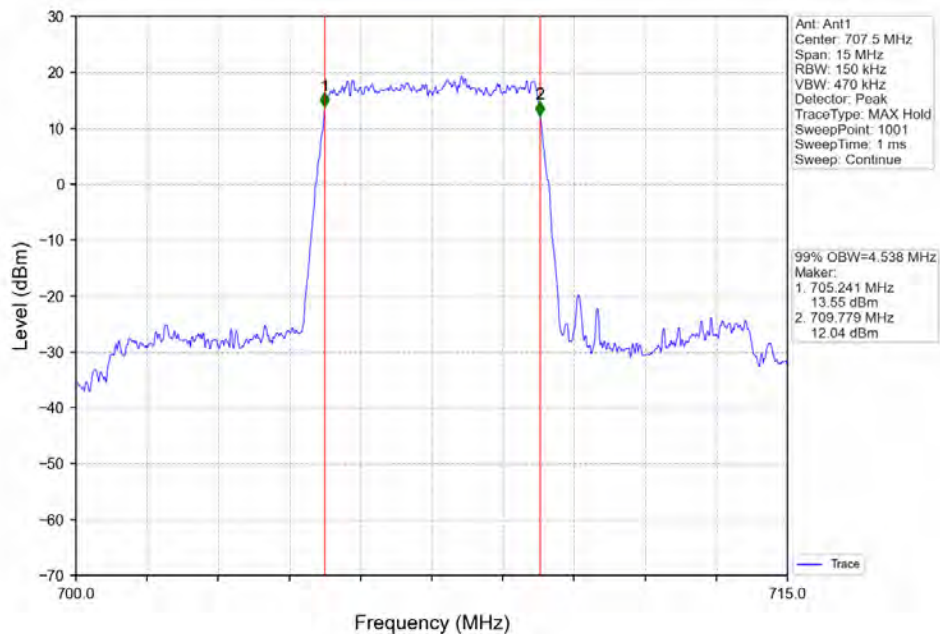
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Test Report No.: W7L-P20210616-3RF03

Band 12 5MHz QPSK LCH 701.5MHz RB 25 0 NTV



Band 12 5MHz QPSK MCH 707.5MHz RB 25 0 NTV



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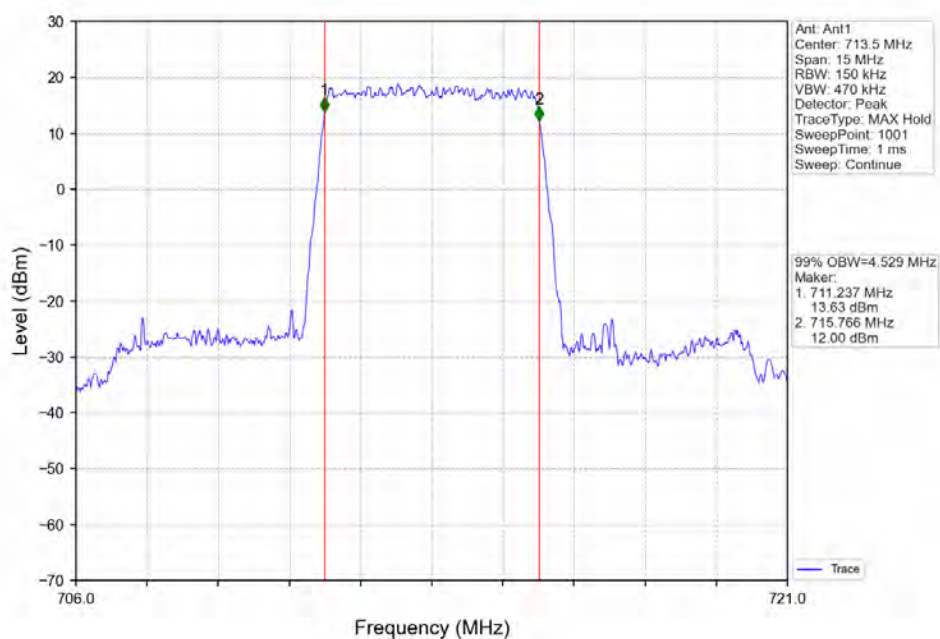
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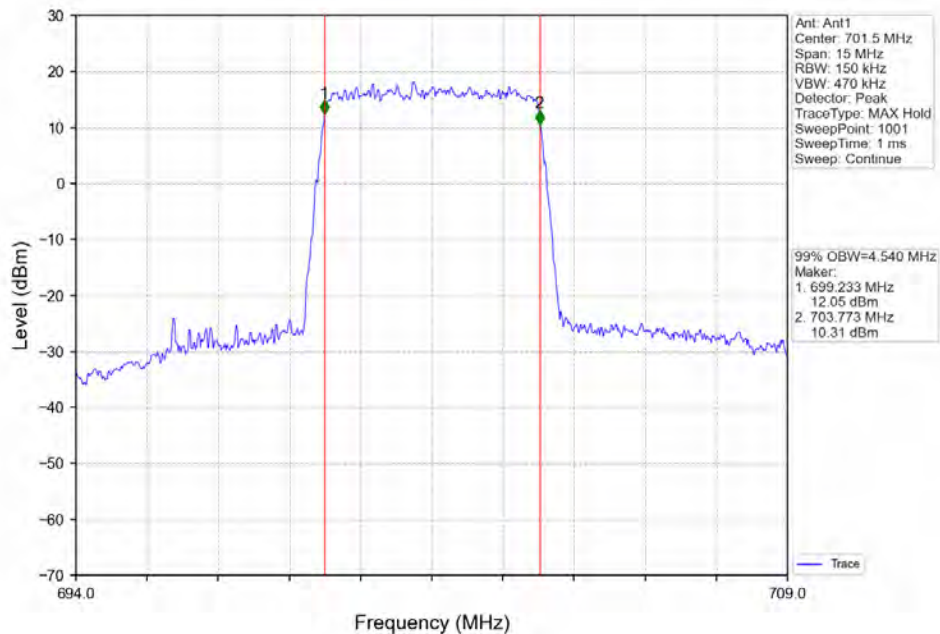
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Test Report No.: W7L-P20210616-3RF03

Band_12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



Band_12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



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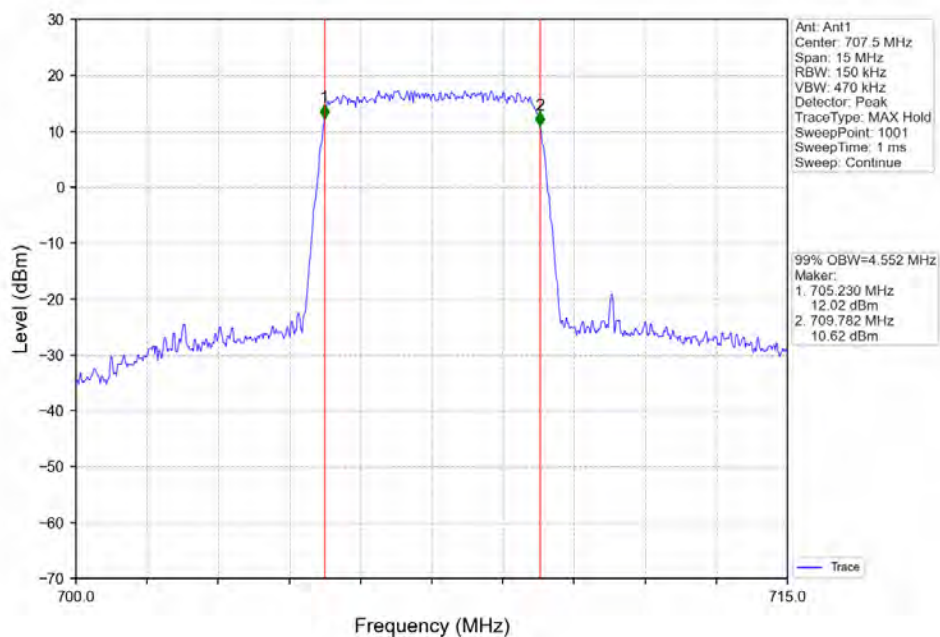
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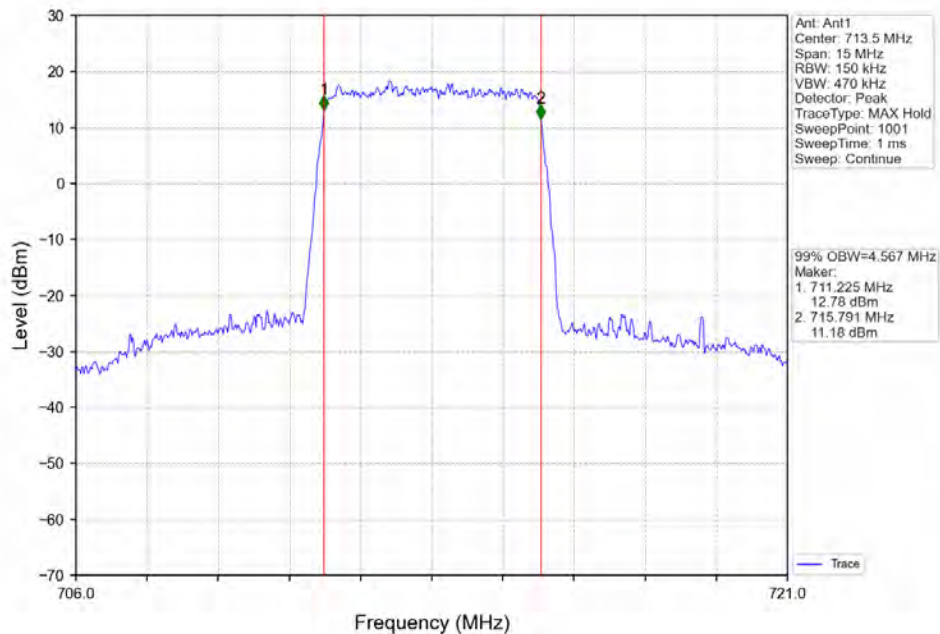
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Test Report No.: W7L-P20210616-3RF03

Band 12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



Band 12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



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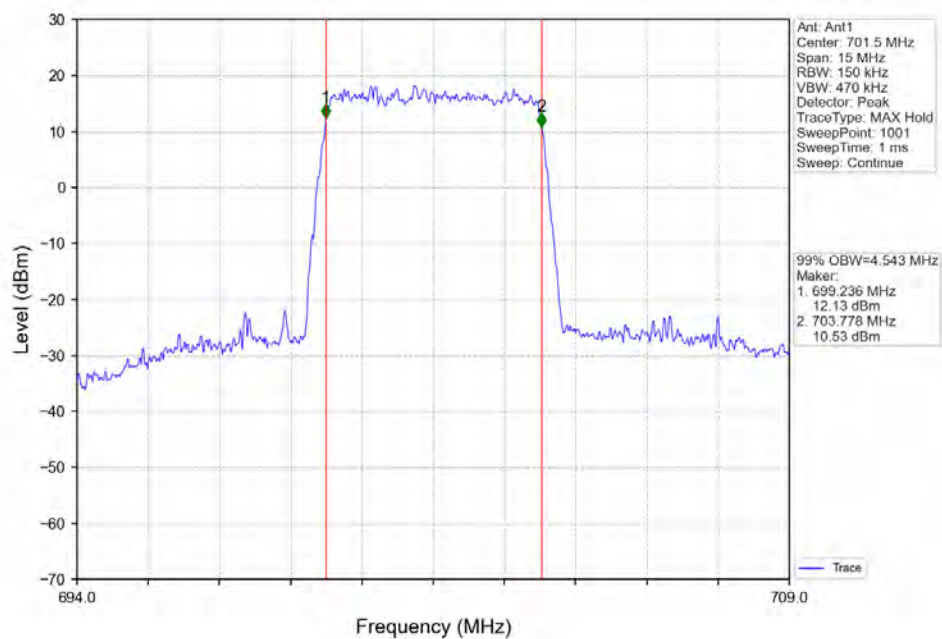
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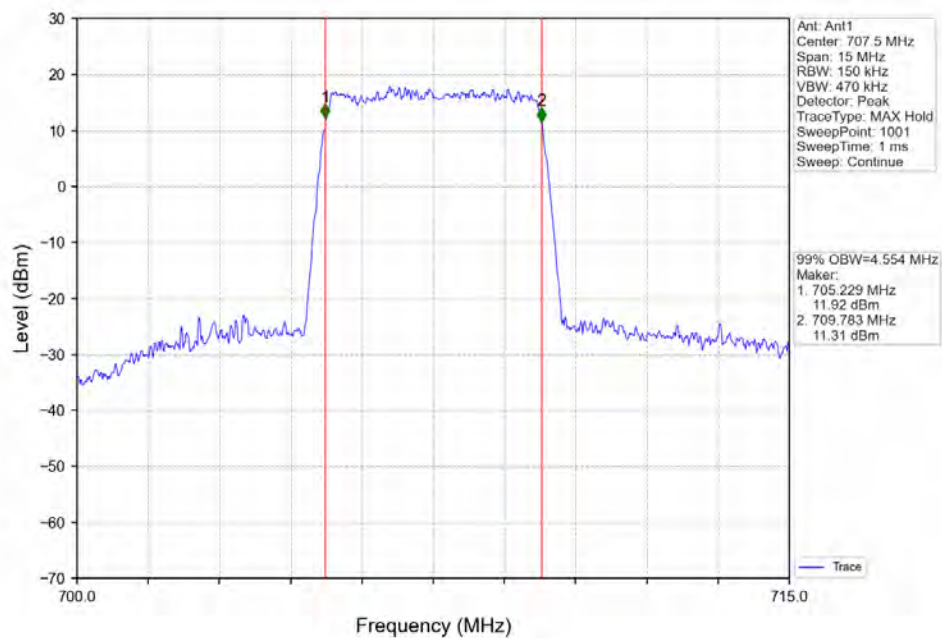
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Test Report No.: W7L-P20210616-3RF03

Band_12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV



Band_12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



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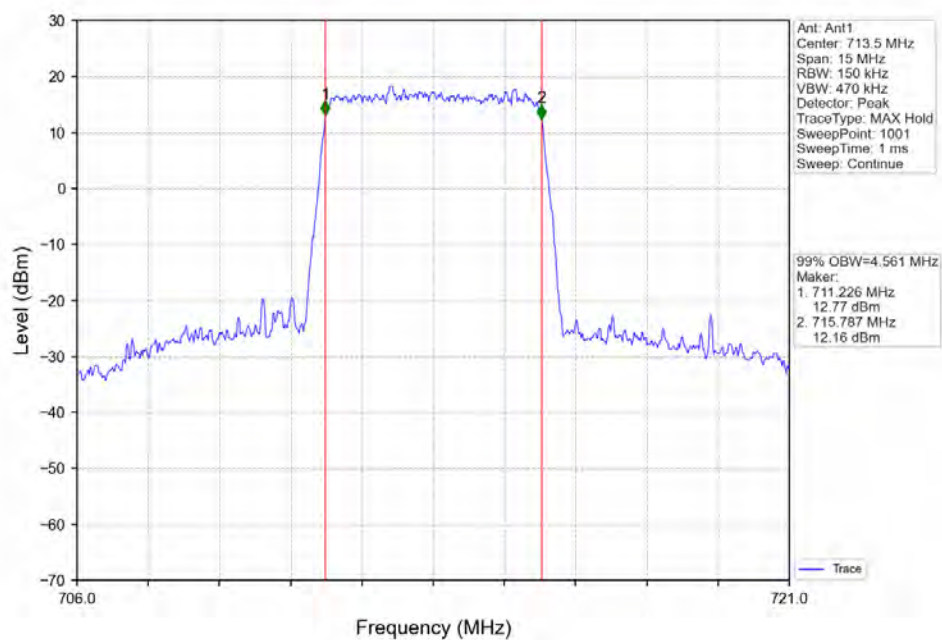
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Test Report No.: W7L-P20210616-3RF03

Band_12_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



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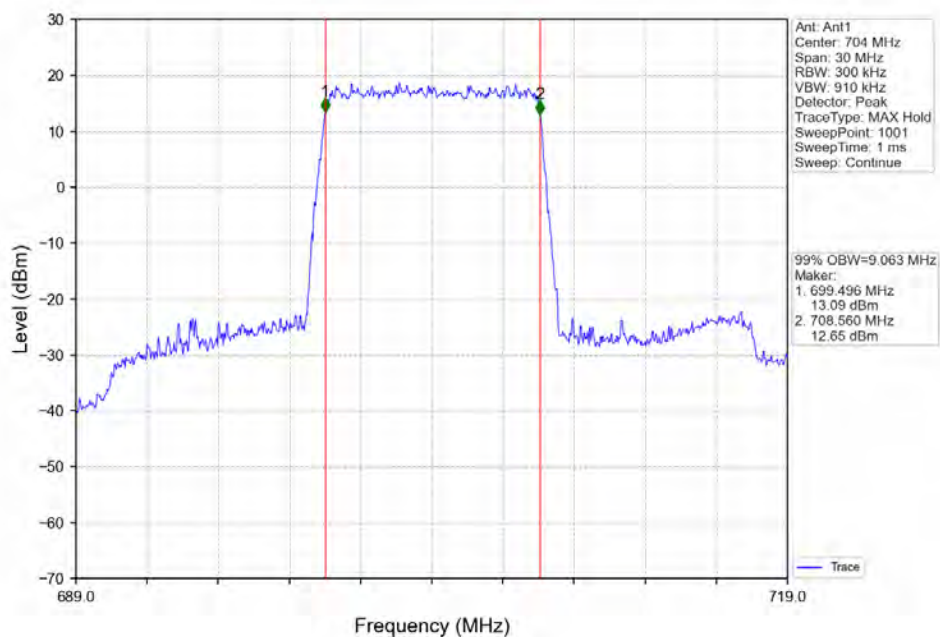
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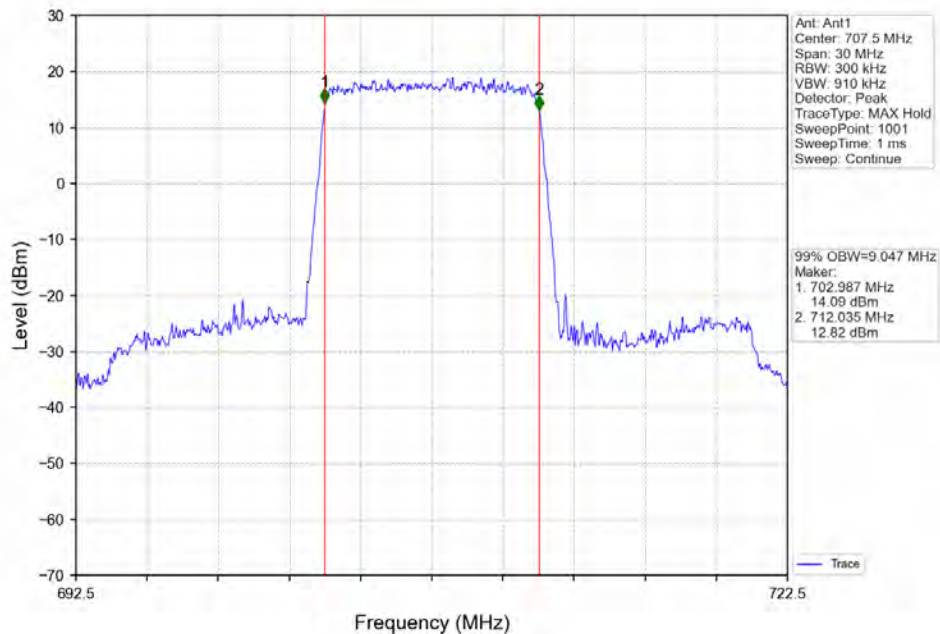
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Test Report No.: W7L-P20210616-3RF03

Band 12 10MHz QPSK LCH 704MHz RB 50 0 NTNV



Band 12 10MHz QPSK MCH 707.5MHz RB 50 0 NTNV



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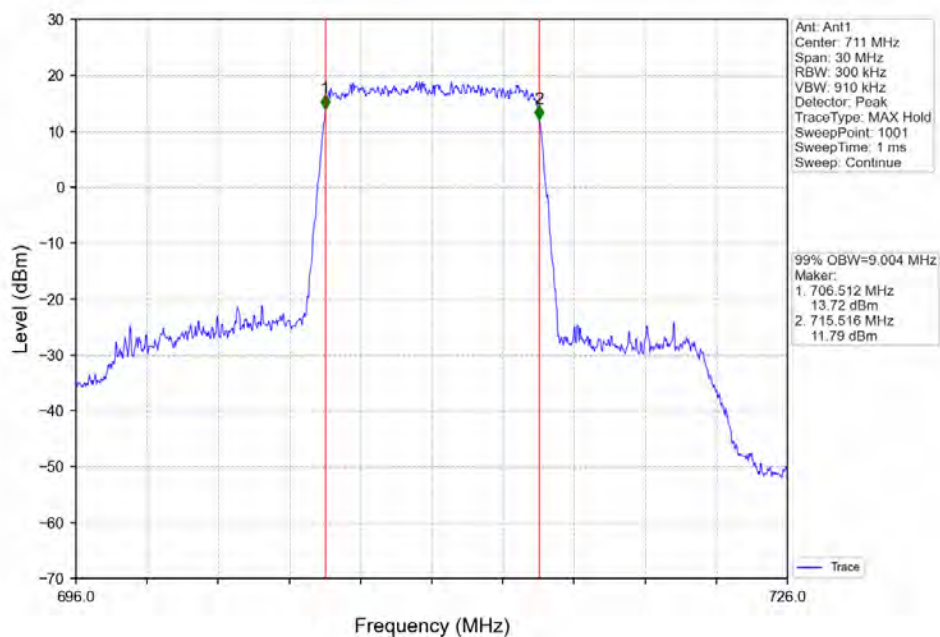
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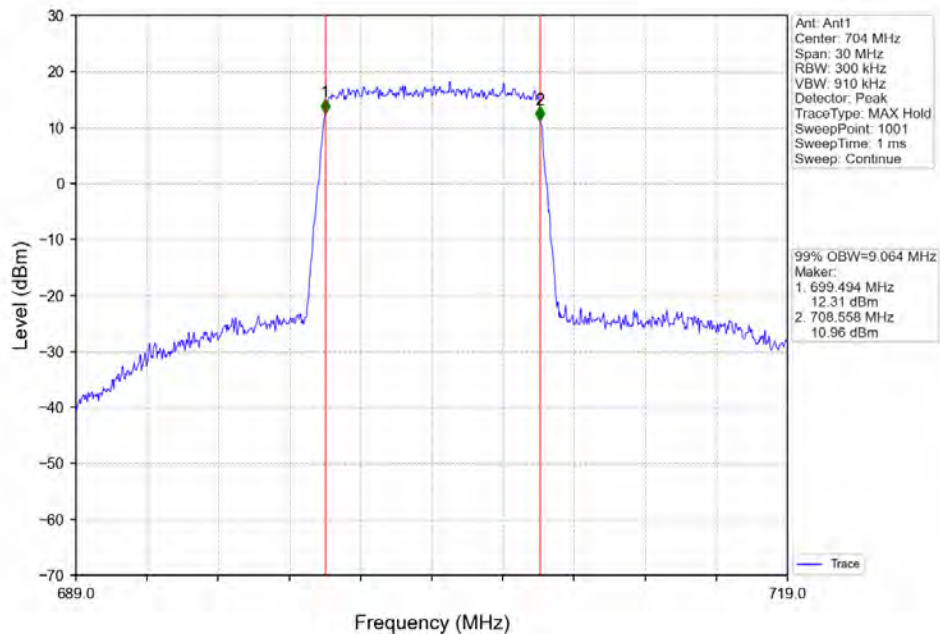
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Test Report No.: W7L-P20210616-3RF03

Band 12 10MHz QPSK HCH 711MHz RB 50 0 NTNV



Band 12 10MHz 16QAM LCH 704MHz RB 50 0 NTNV



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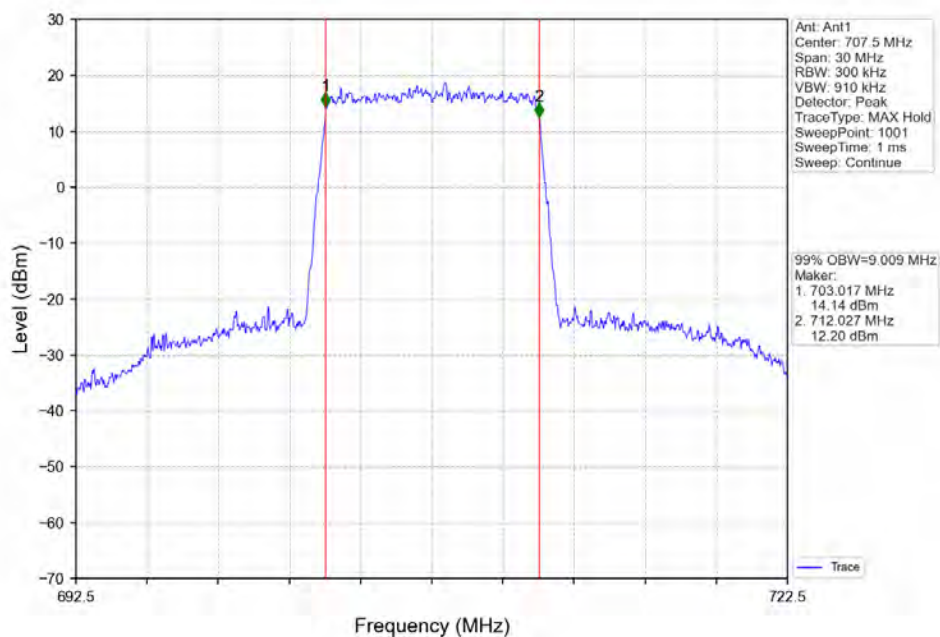
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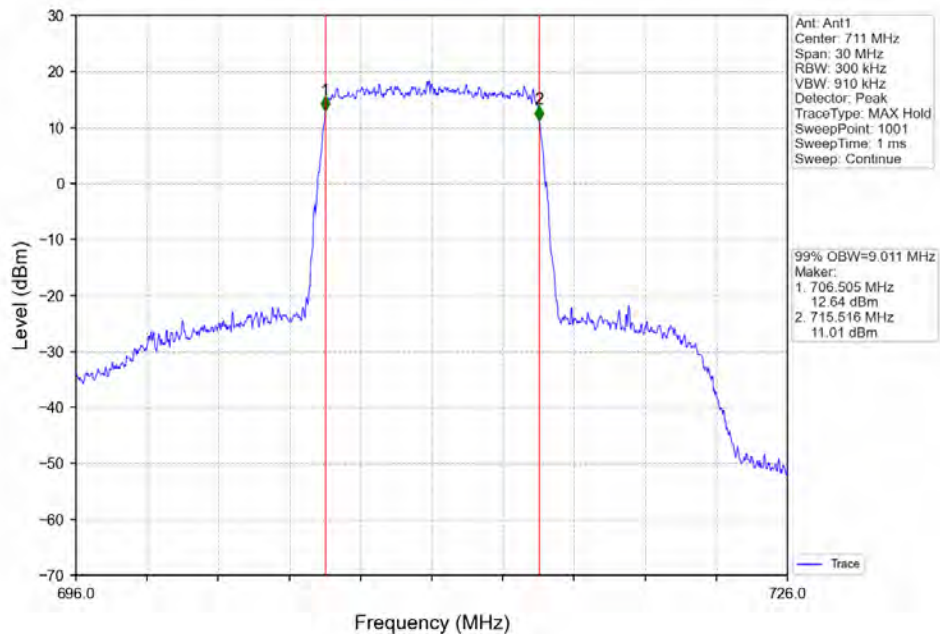
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Test Report No.: W7L-P20210616-3RF03

Band 12 10MHz 16QAM MCH 707.5MHz RB 50 0 NTNV



Band 12 10MHz 16QAM HCH 711MHz RB 50 0 NTNV



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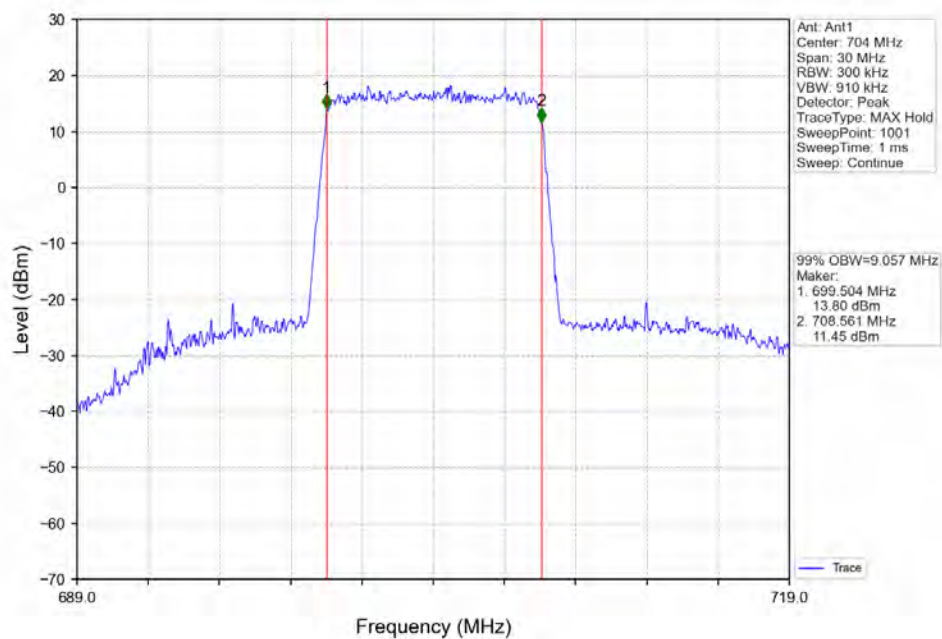
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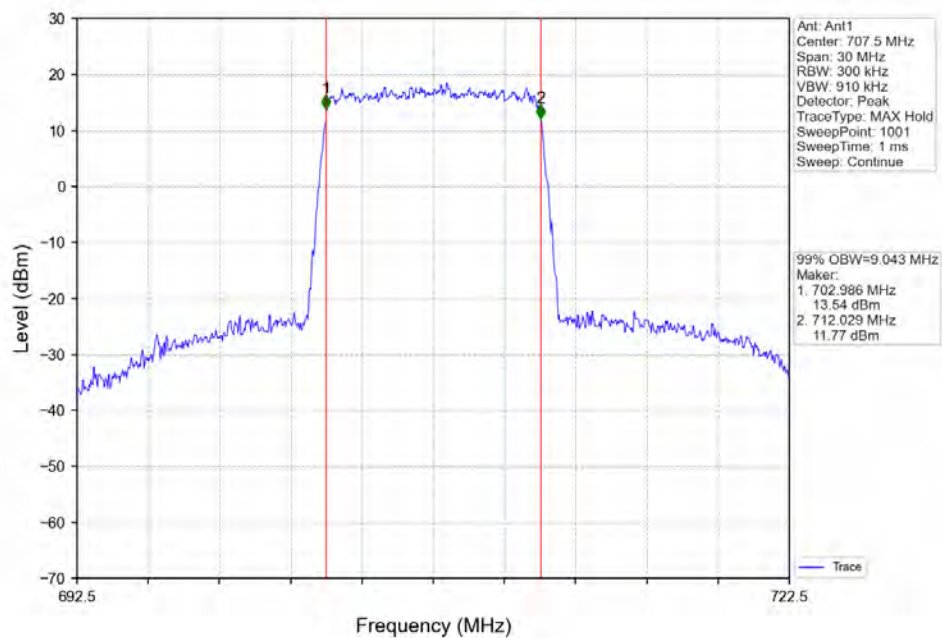
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Test Report No.: W7L-P20210616-3RF03

Band_12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



Band_12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



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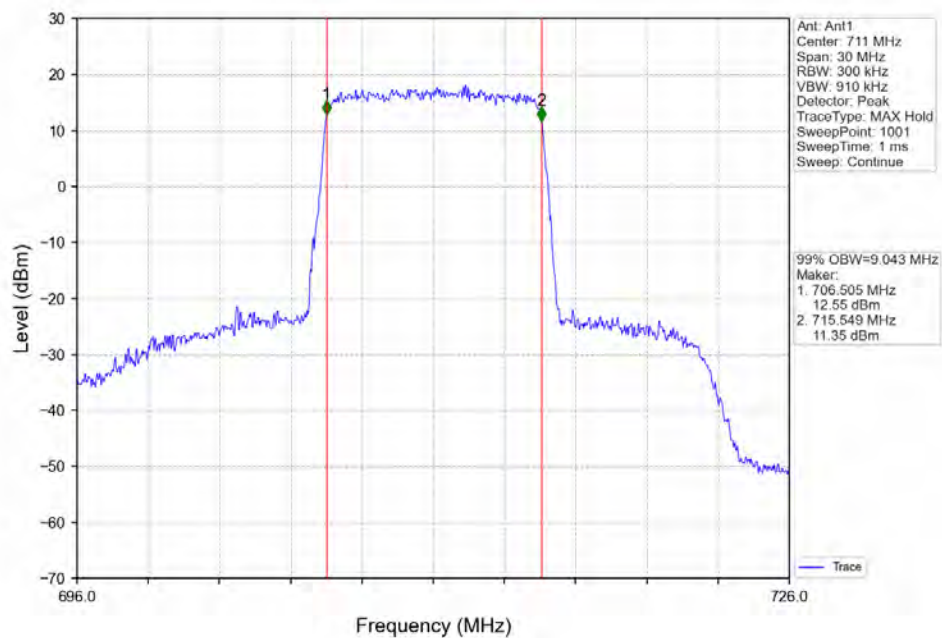
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Band_12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



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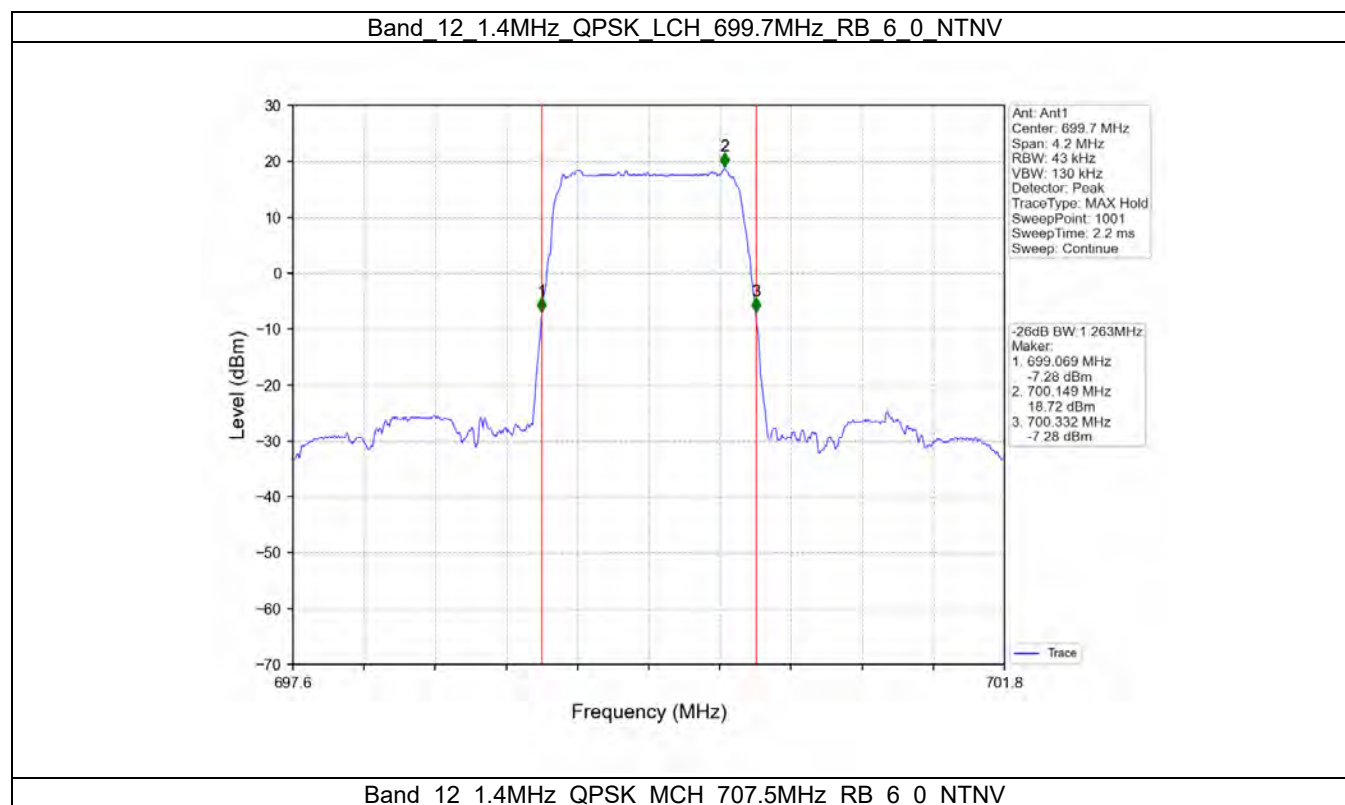
2.6 LTE Band 12 26DB

2.6.1 Test Result

Band: 12 / Bandwidth: 1.4MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.263	1.263	1.269	/	Pass
16QAM	6	0	1.264	1.267	1.250	/	Pass
64QAM	6	0	1.266	1.257	1.259	/	Pass
Band: 12 / Bandwidth: 3MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	3.073	3.085	3.080	/	Pass
16QAM	15	0	3.081	3.087	3.075	/	Pass
64QAM	15	0	3.047	3.074	3.077	/	Pass
Band: 12 / Bandwidth: 5MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.048	5.036	5.056	/	Pass
16QAM	25	0	5.023	5.087	5.027	/	Pass
64QAM	25	0	5.032	5.071	5.046	/	Pass
Band: 12 / Bandwidth: 10MHz / NTNV							
Modulation	RB Allocation		26dB Bandwidth (MHz)			Limit (MHz)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.993	9.977	9.936	/	Pass
16QAM	50	0	9.984	9.929	9.949	/	Pass
64QAM	50	0	9.952	9.980	9.947	/	Pass



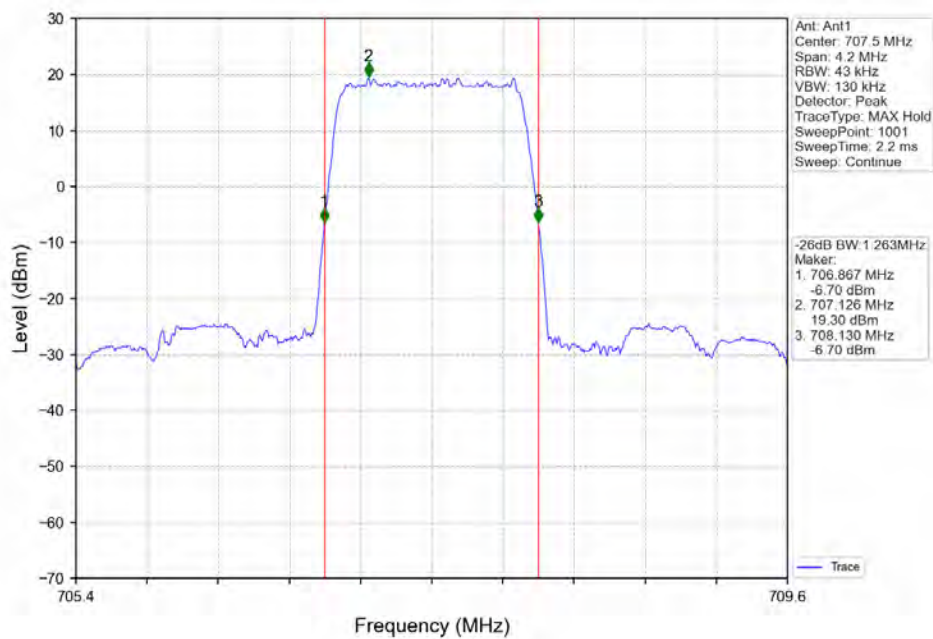
2.6.2 Test Graph





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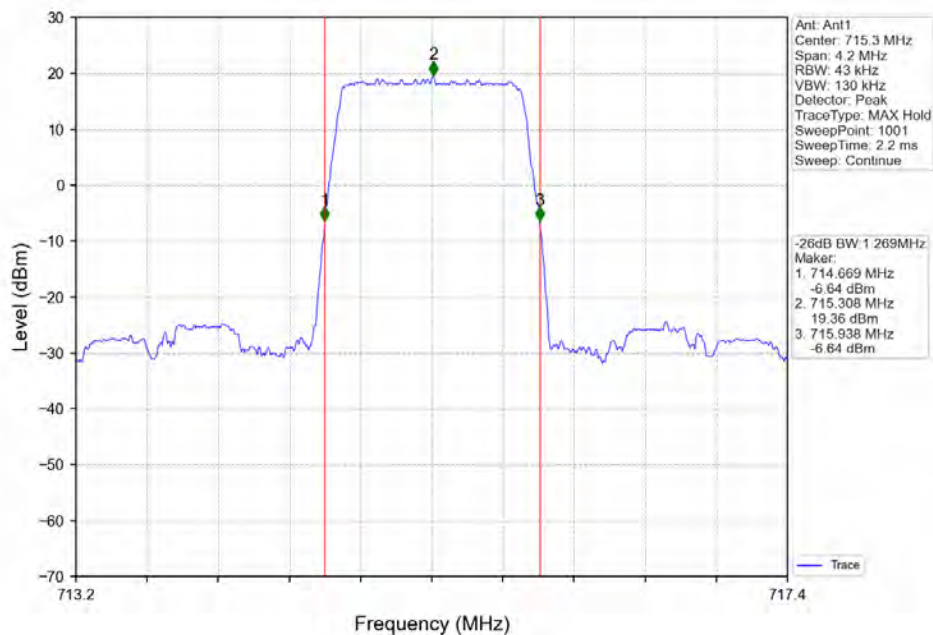
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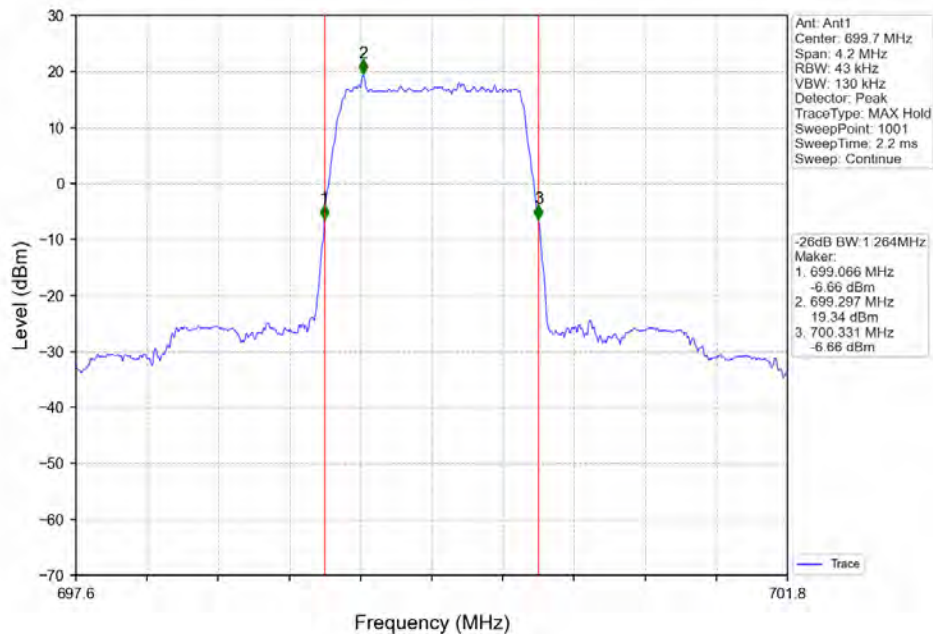
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Test Report No.: W7L-P20210616-3RF03

Band 12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



Band 12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



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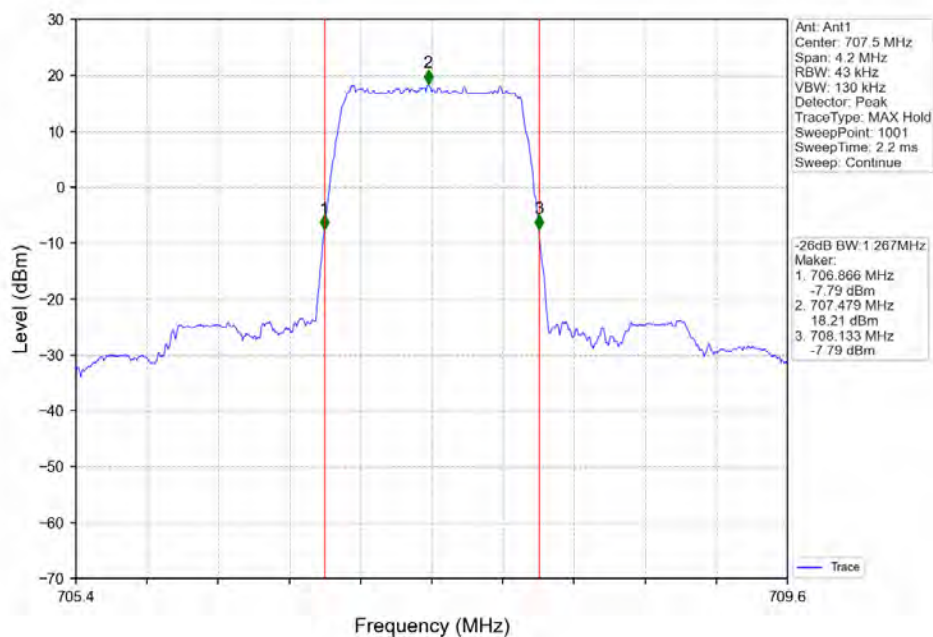
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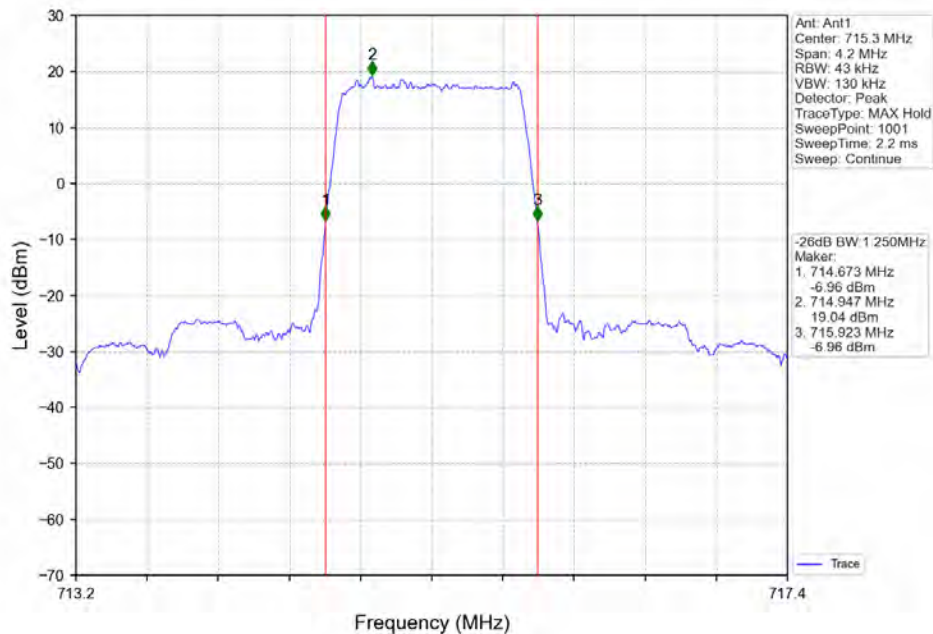
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VERITAS

Test Report No.: W7L-P20210616-3RF03

Band 12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTN



Band 12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTN



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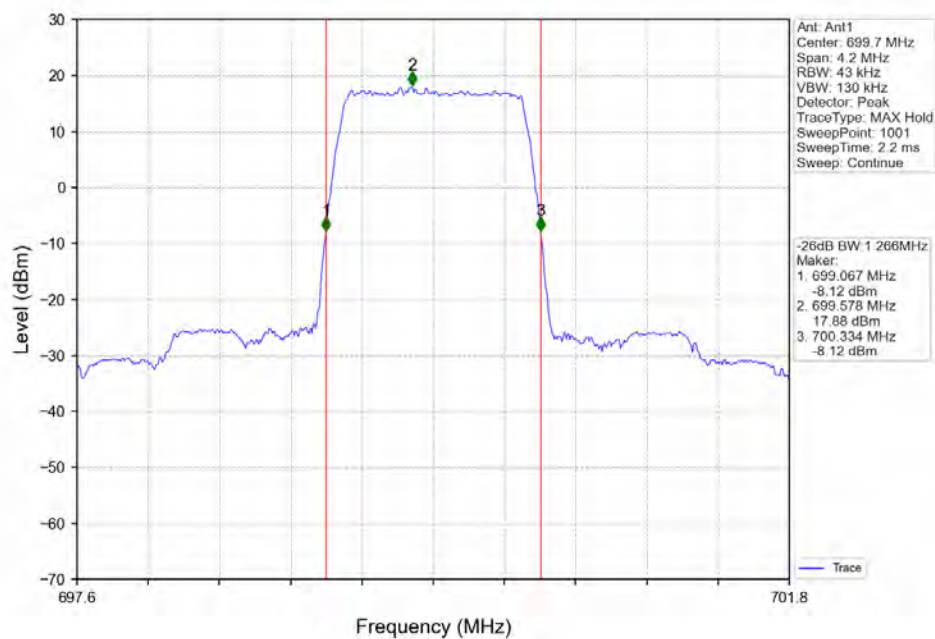
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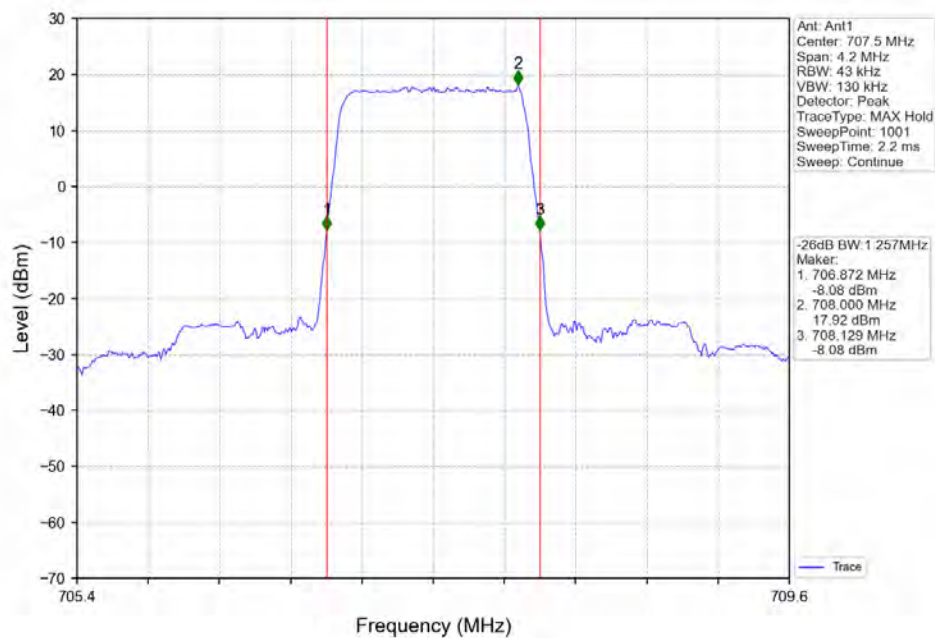
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Test Report No.: W7L-P20210616-3RF03

Band 12 1.4MHz 64QAM LCH 699.7MHz RB 6 0 NTN



Band 12 1.4MHz 64QAM MCH 707.5MHz RB 6 0 NTN



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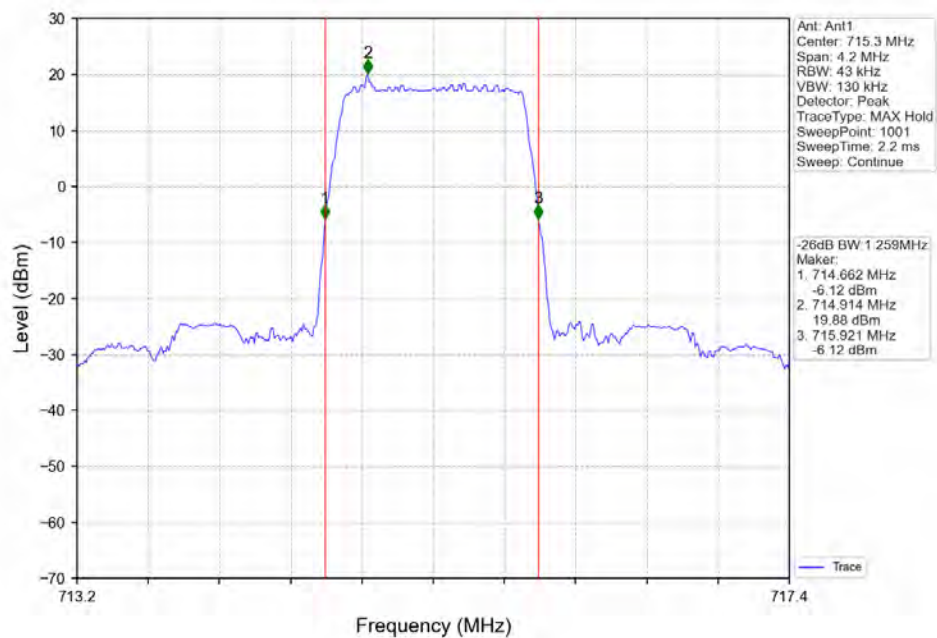
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Test Report No.: W7L-P20210616-3RF03

Band 12 1.4MHz 64QAM HCH 715.3MHz RB 6 0 NTN



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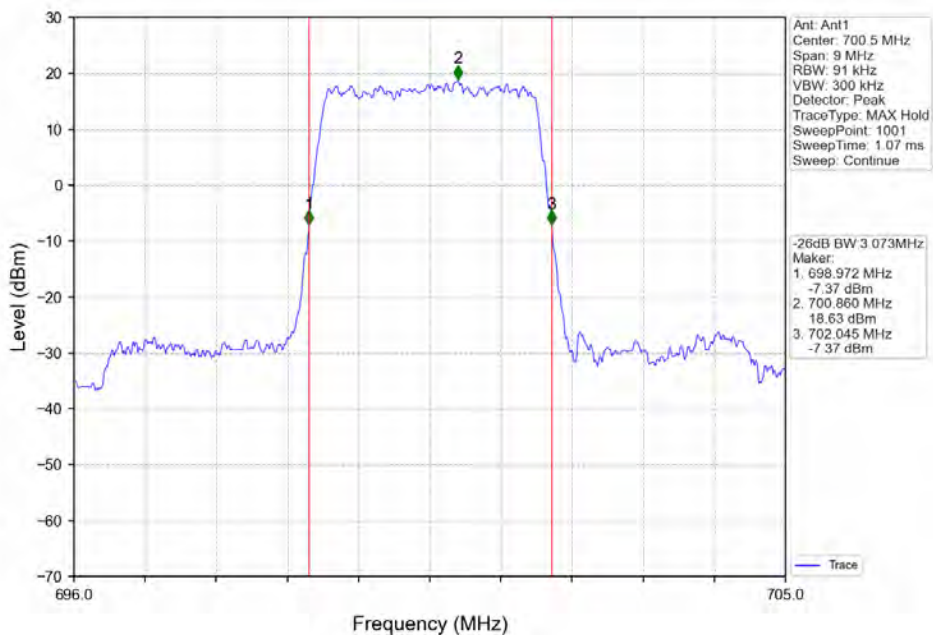
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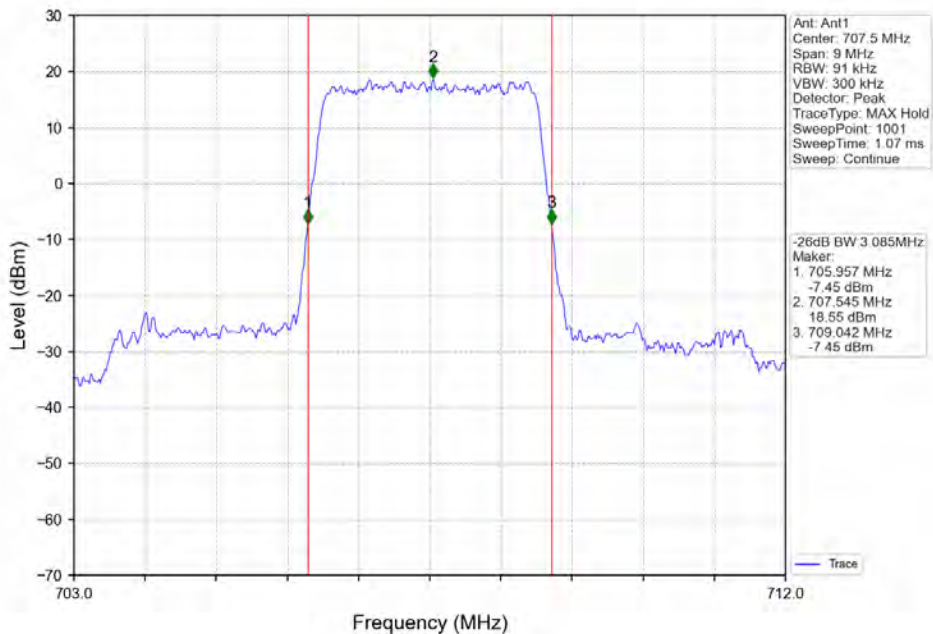
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Test Report No.: W7L-P20210616-3RF03

Band 12 3MHz QPSK LCH 700.5MHz RB 15 0 NTNV



Band 12 3MHz QPSK MCH 707.5MHz RB 15 0 NTNV



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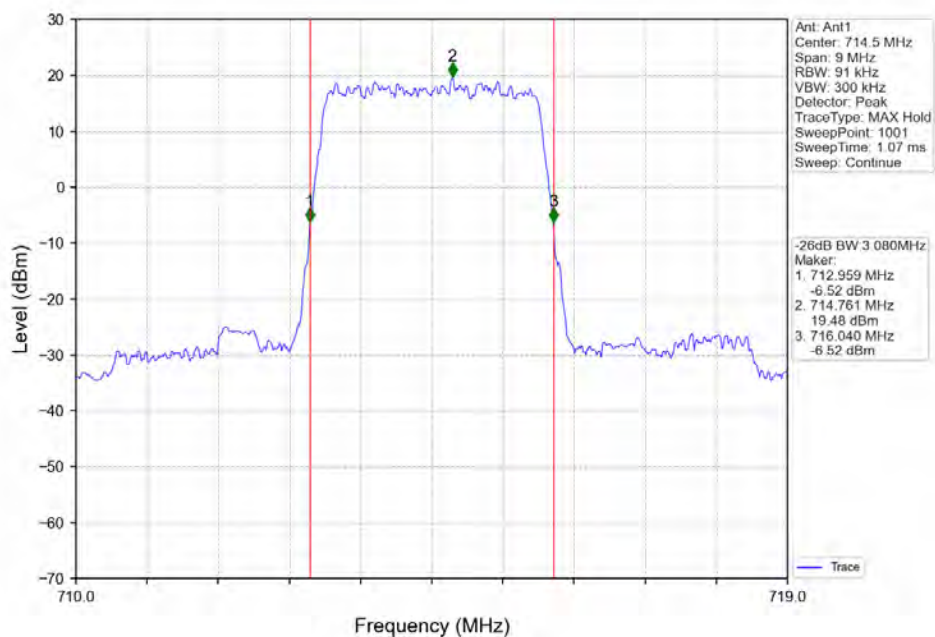
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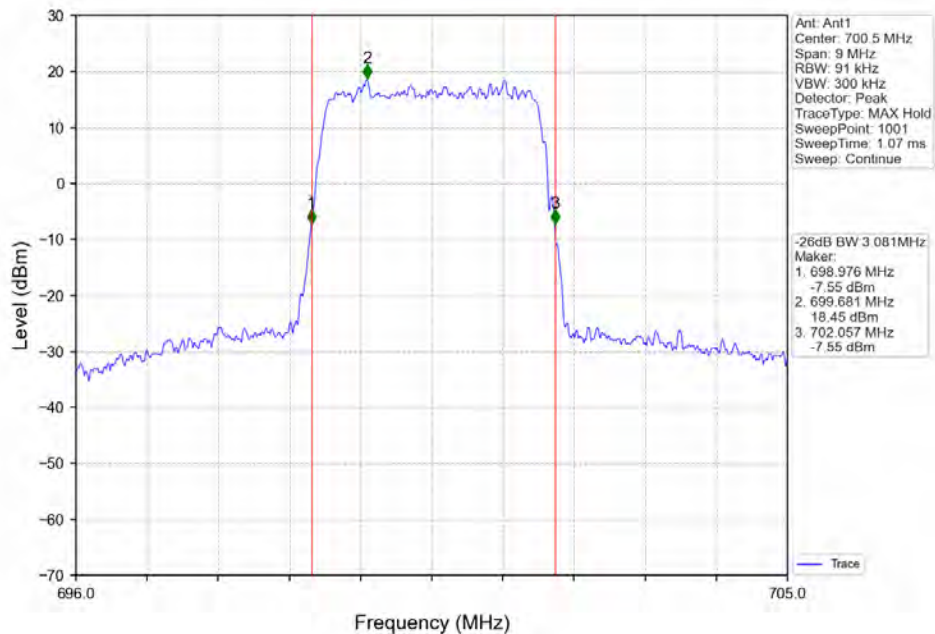
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Test Report No.: W7L-P20210616-3RF03

Band_12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



Band_12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



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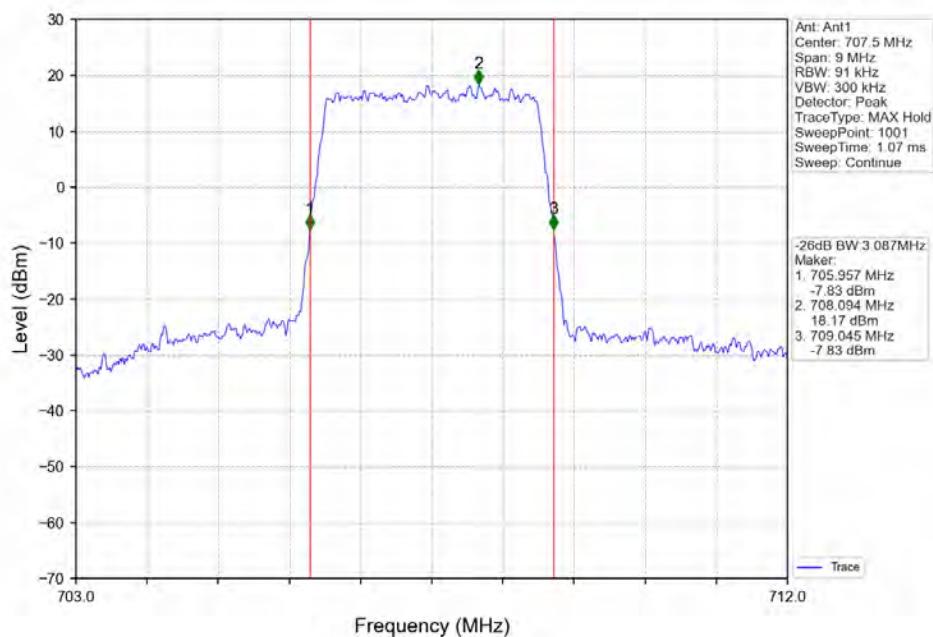
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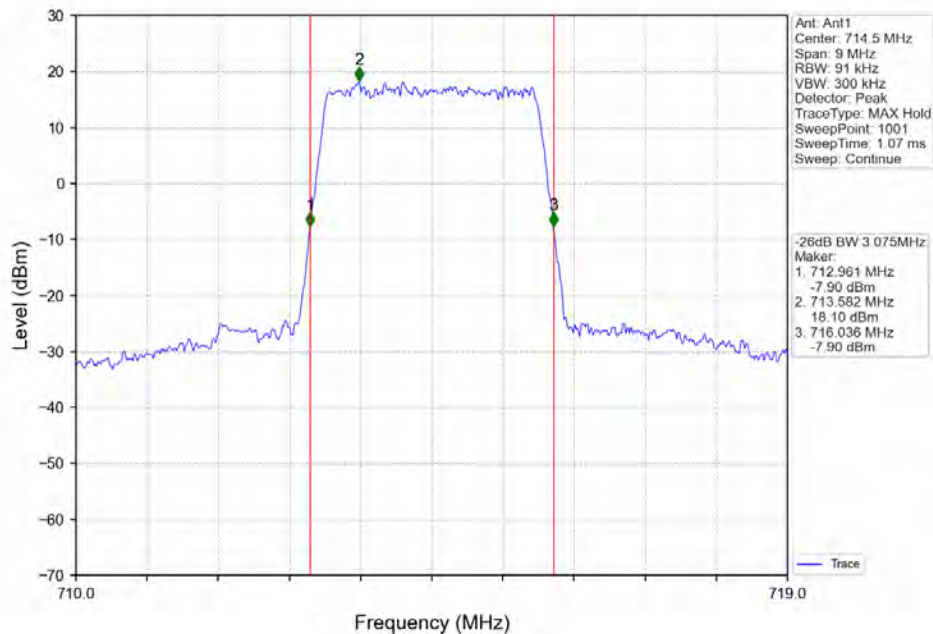
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Test Report No.: W7L-P20210616-3RF03

Band 12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



Band 12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



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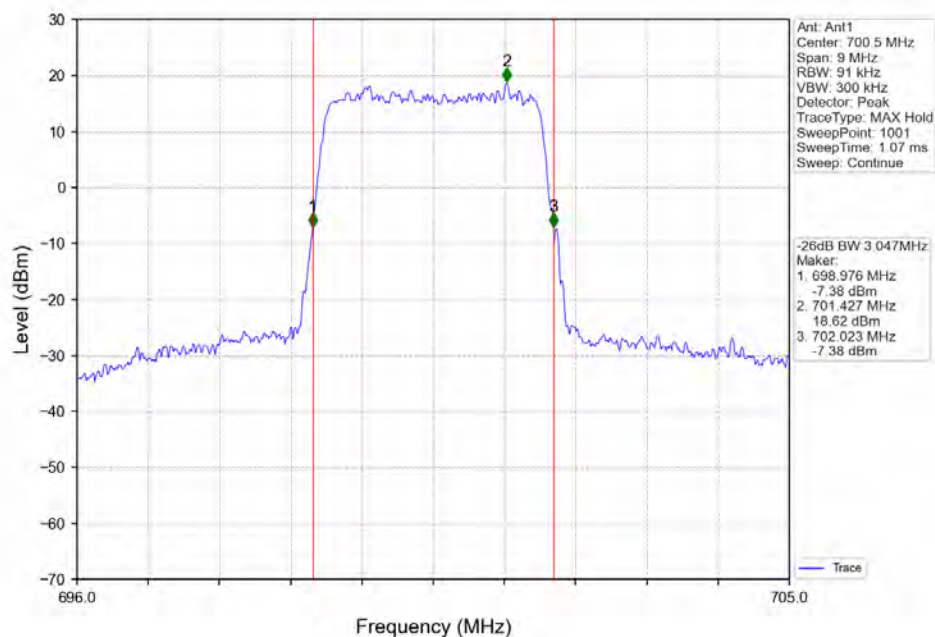
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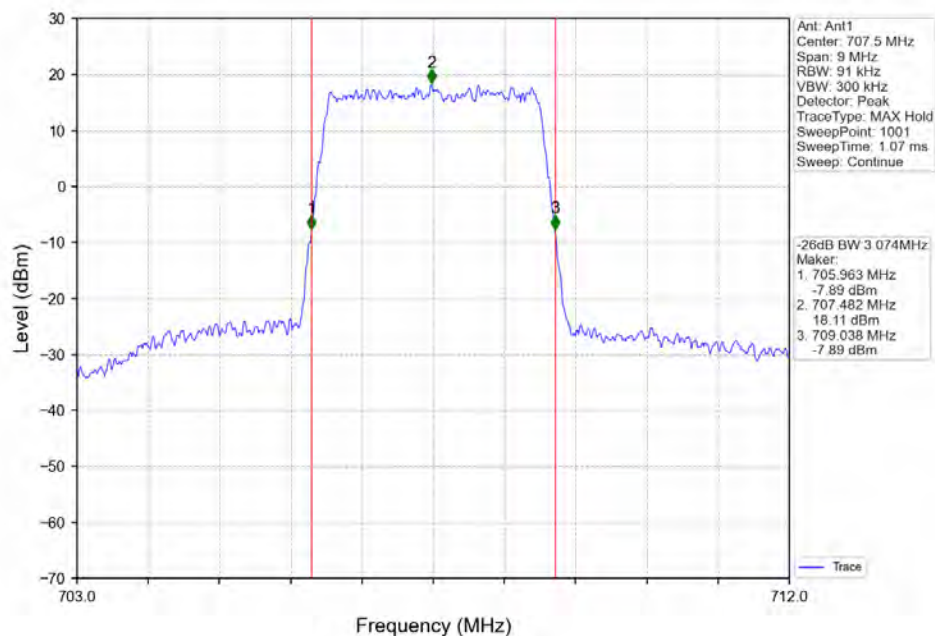
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Test Report No.: W7L-P20210616-3RF03

Band_12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



Band_12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



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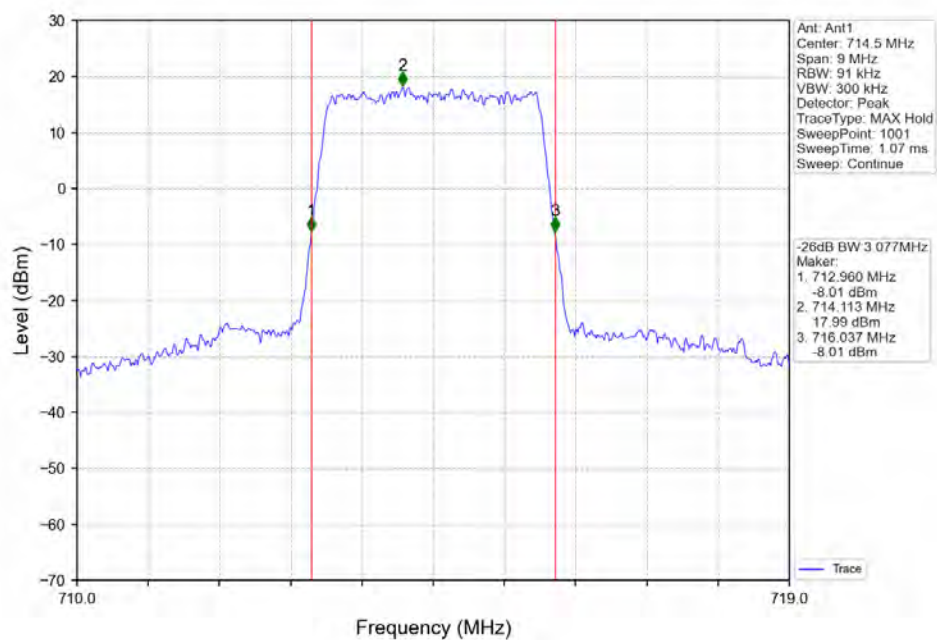
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Test Report No.: W7L-P20210616-3RF03

Band_12_3MHz_64QAM_HCH_714.5MHz_RB_15_0_NTNV



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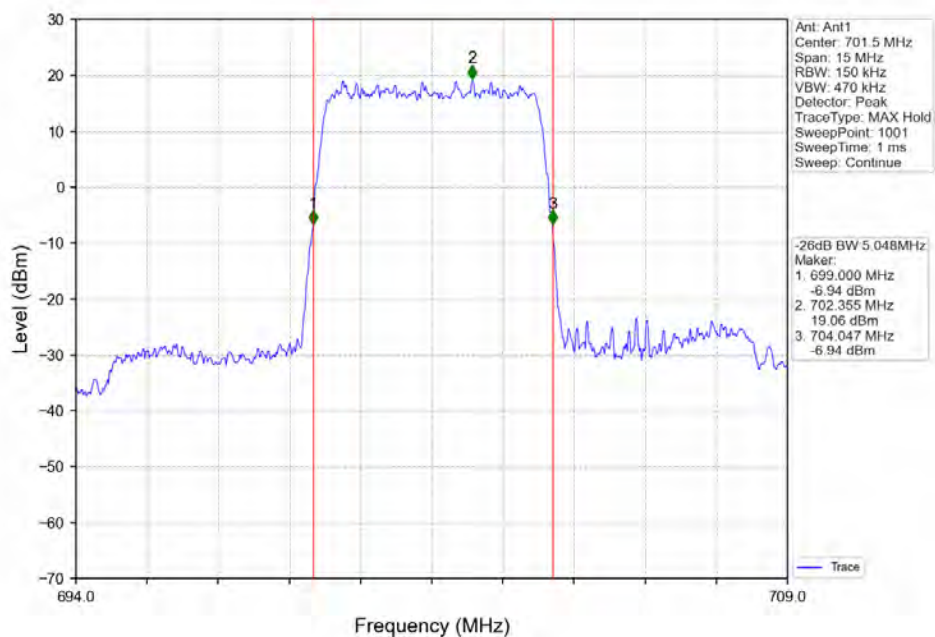
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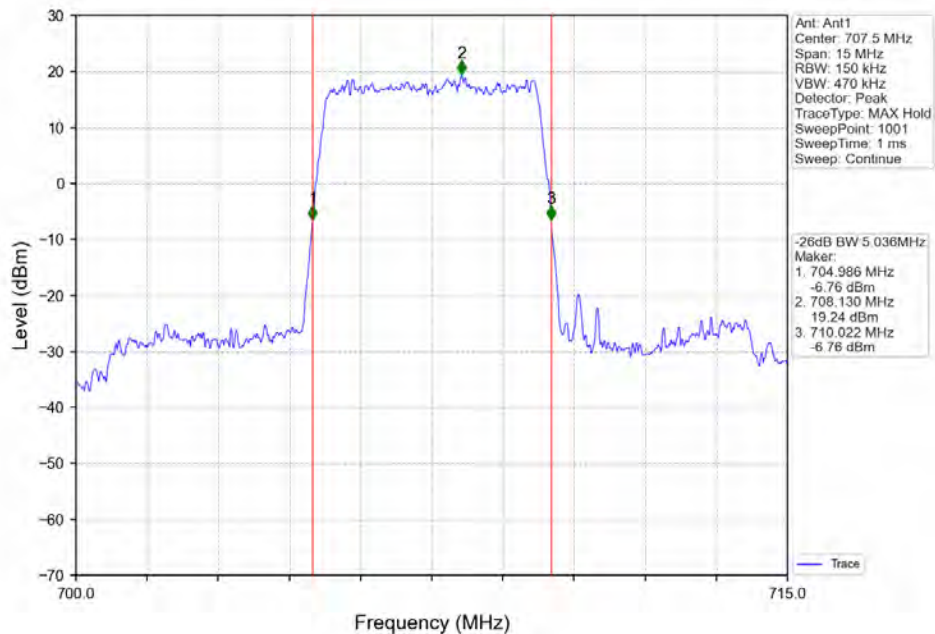
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Test Report No.: W7L-P20210616-3RF03

Band 12 5MHz QPSK LCH 701.5MHz RB 25 0 NTV



Band 12 5MHz QPSK MCH 707.5MHz RB 25 0 NTV



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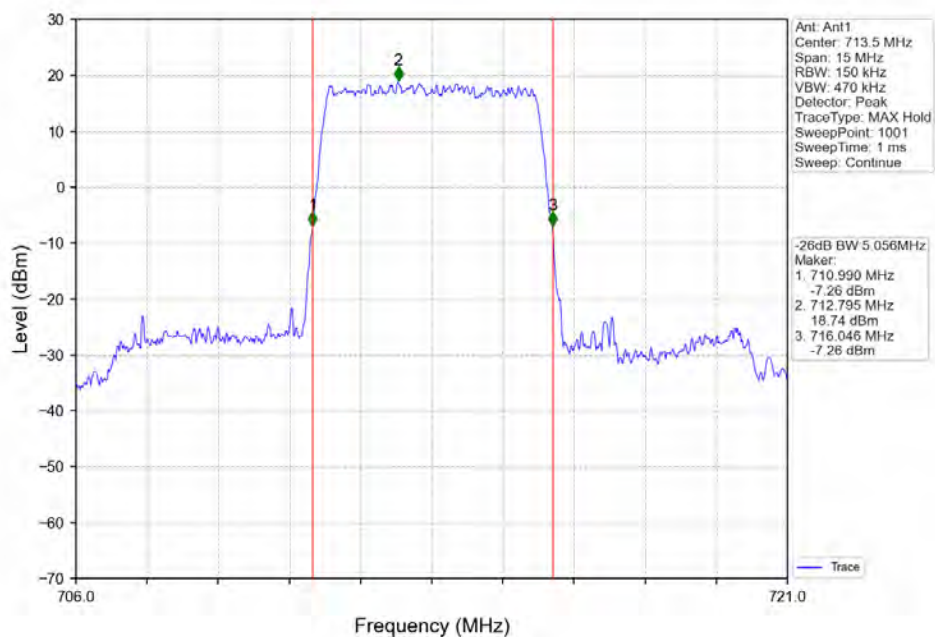
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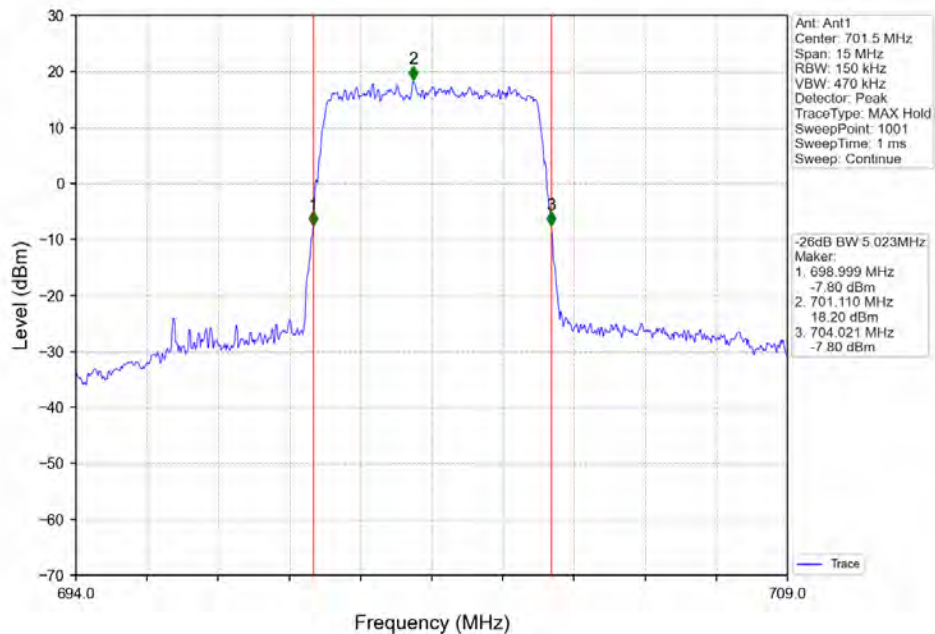
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Test Report No.: W7L-P20210616-3RF03

Band_12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



Band_12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



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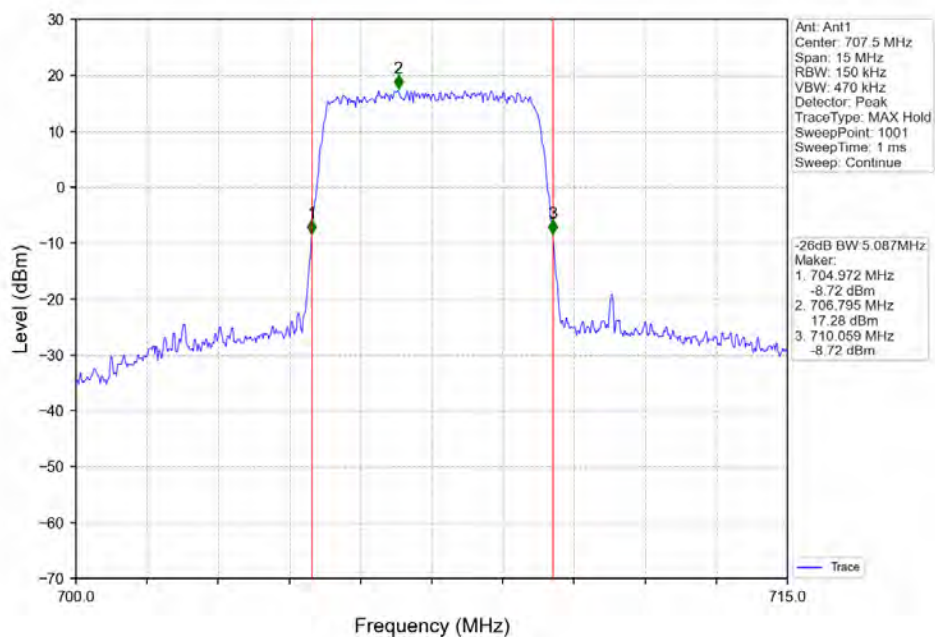
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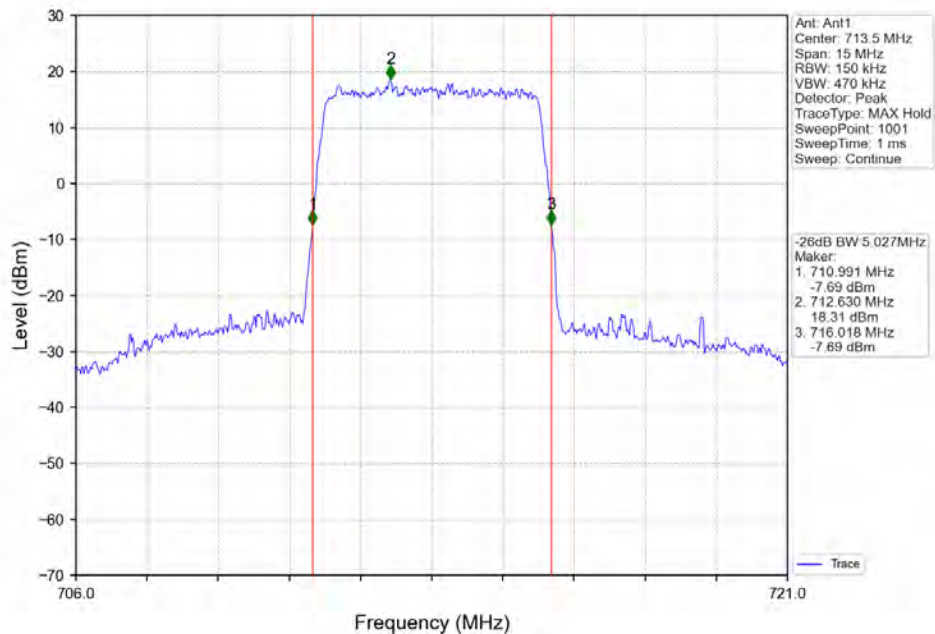
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Test Report No.: W7L-P20210616-3RF03

Band 12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



Band 12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



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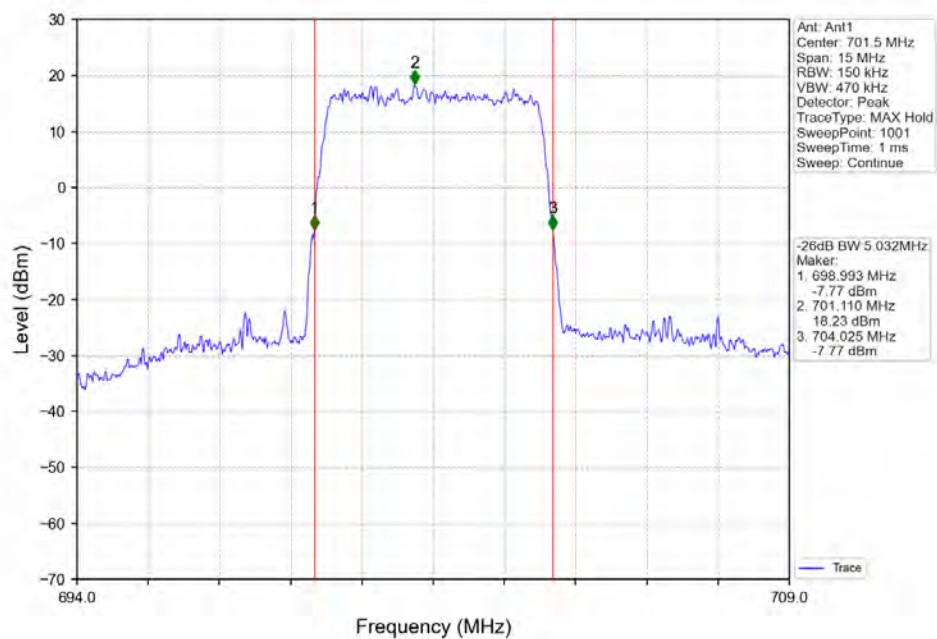
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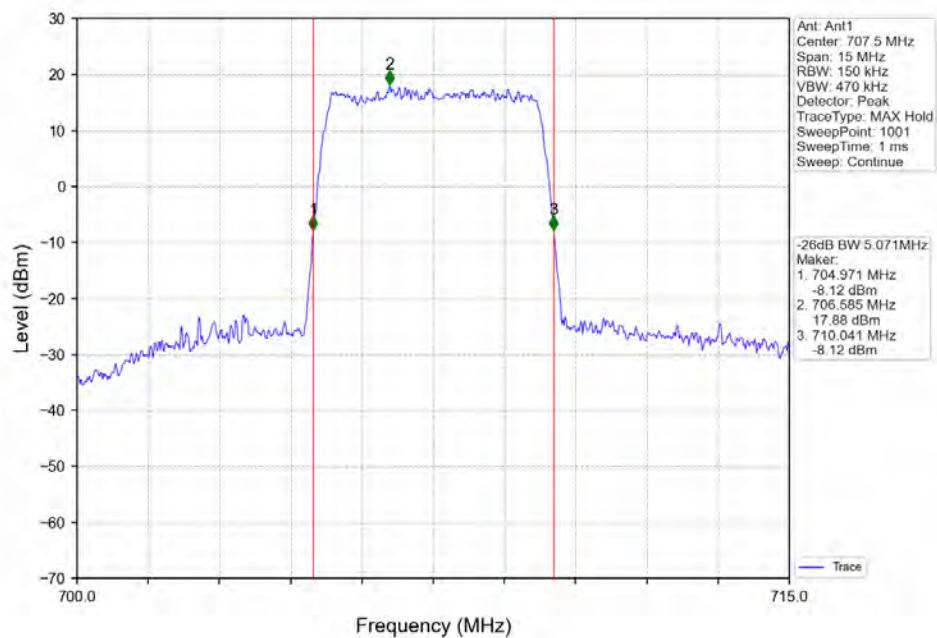
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VERITAS

Test Report No.: W7L-P20210616-3RF03

Band_12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV



Band_12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



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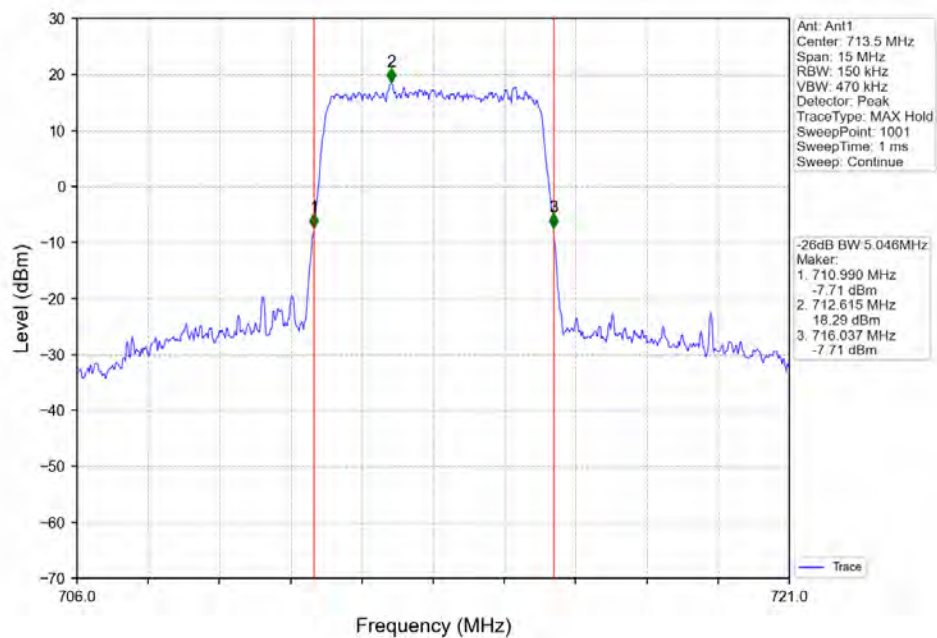
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Test Report No.: W7L-P20210616-3RF03

Band_12_5MHz_64QAM_HCH_713.5MHz_RB_25_0_NTNV



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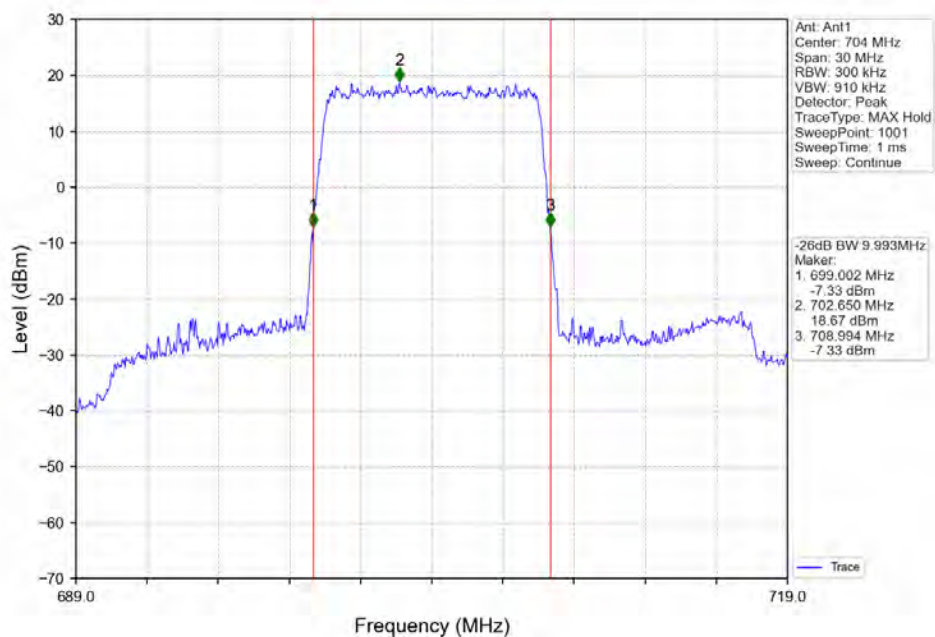
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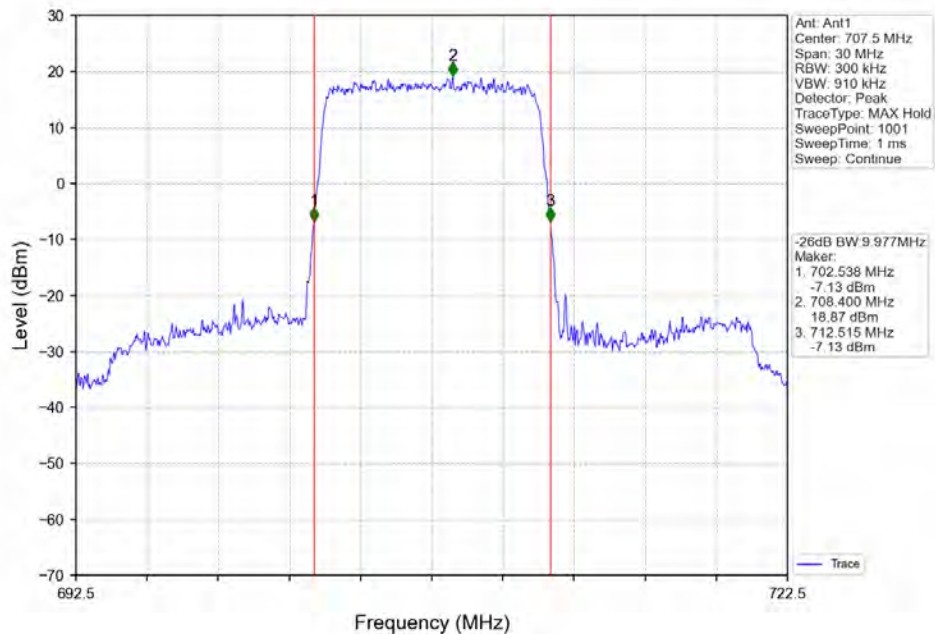
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Test Report No.: W7L-P20210616-3RF03

Band 12 10MHz QPSK LCH 704MHz RB 50 0 NTNV



Band 12 10MHz QPSK MCH 707.5MHz RB 50 0 NTNV



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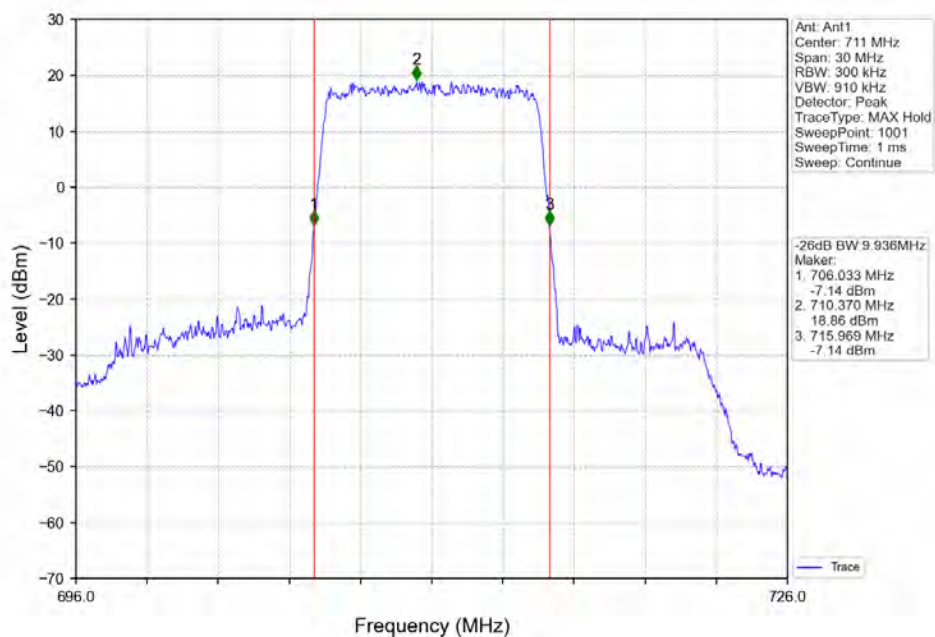
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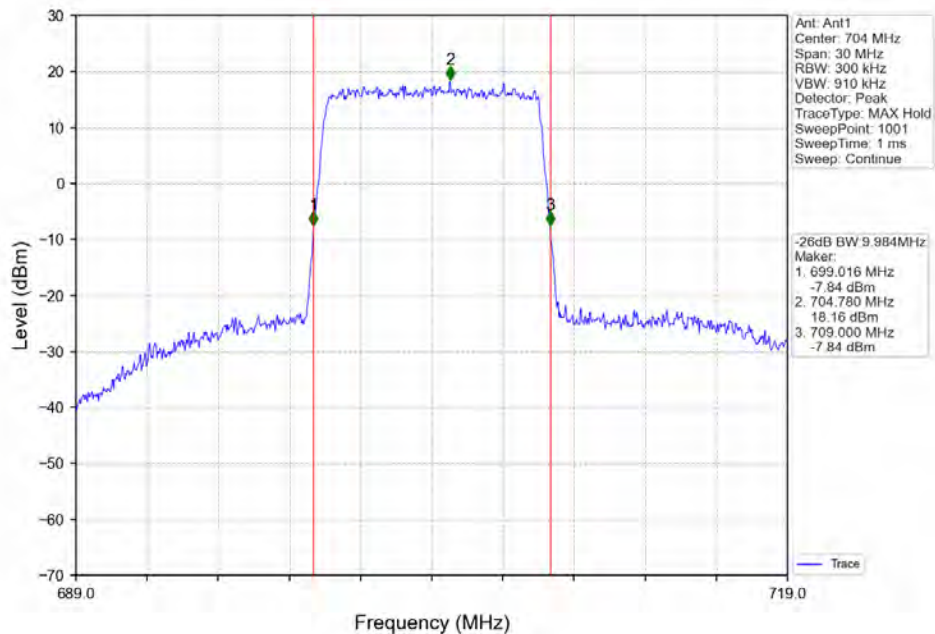
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Test Report No.: W7L-P20210616-3RF03

Band 12 10MHz QPSK HCH 711MHz RB 50 0 NTNV



Band 12 10MHz 16QAM LCH 704MHz RB 50 0 NTNV



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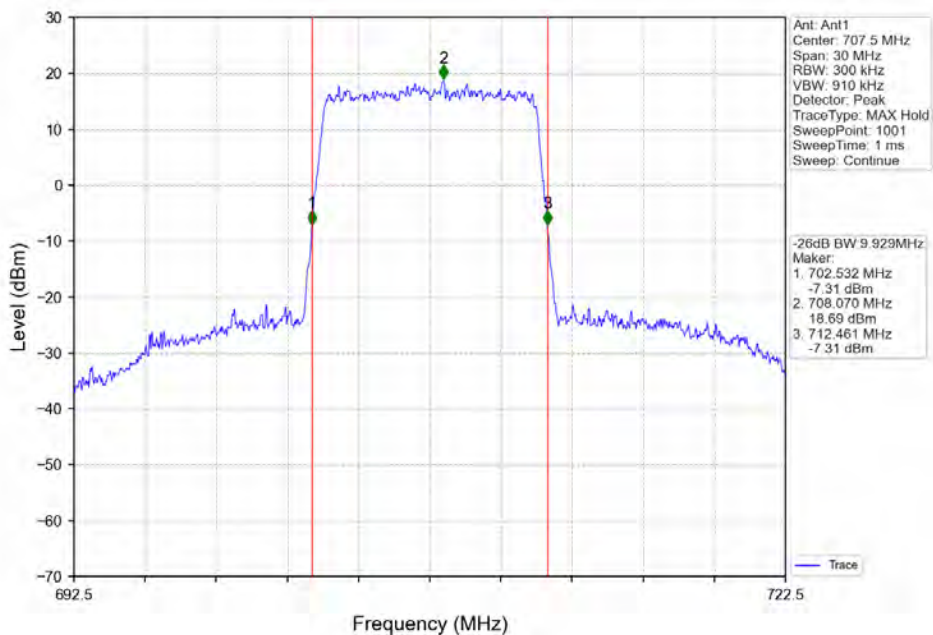
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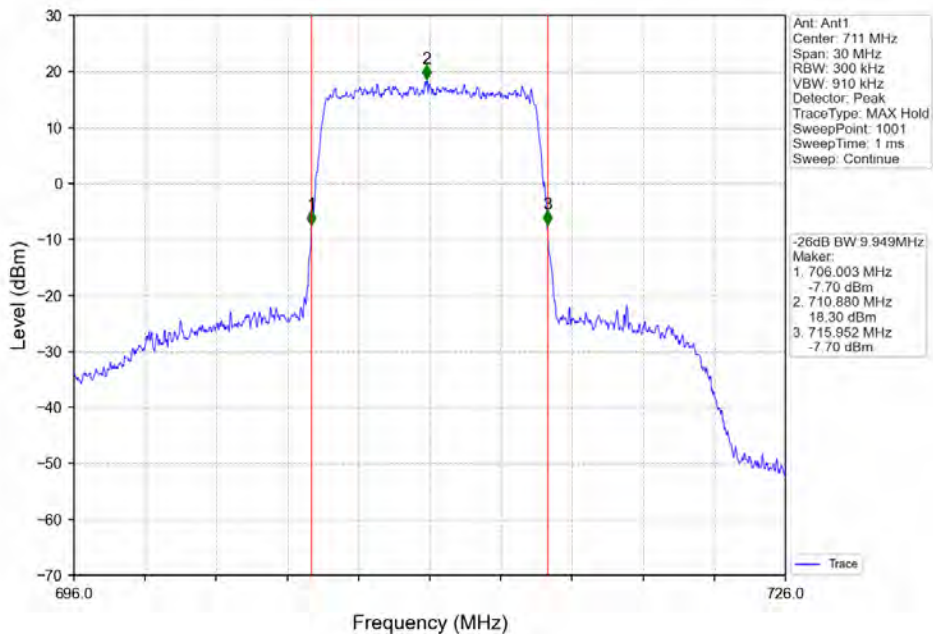
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Test Report No.: W7L-P20210616-3RF03

Band 12 10MHz 16QAM MCH 707.5MHz RB 50 0 NTNV



Band 12 10MHz 16QAM HCH 711MHz RB 50 0 NTNV



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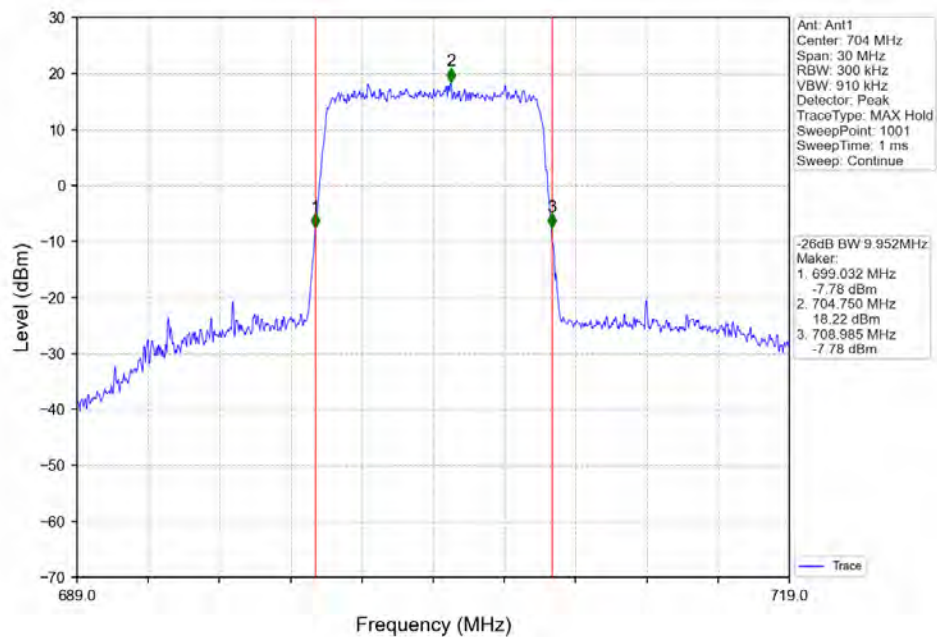
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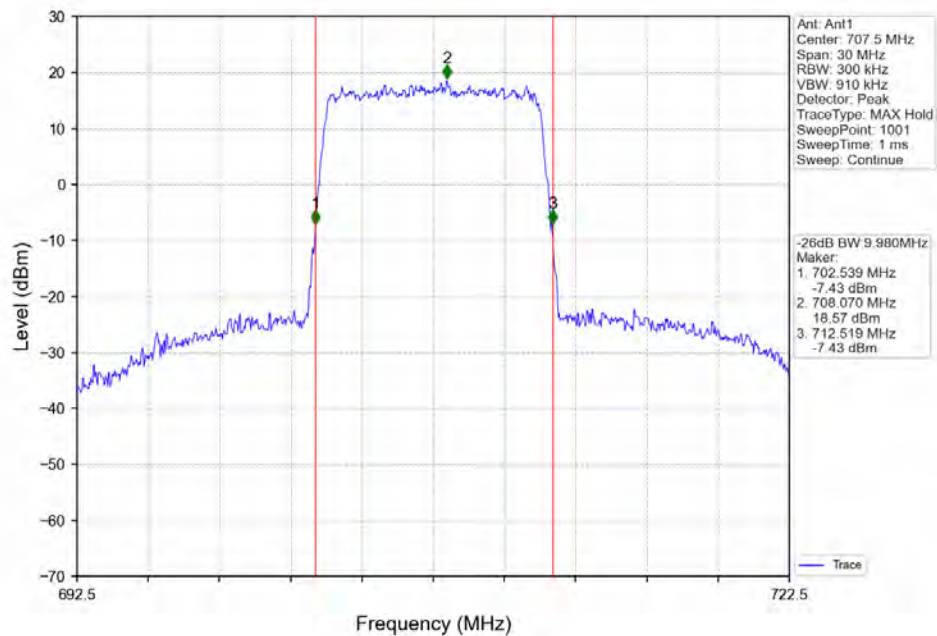
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Test Report No.: W7L-P20210616-3RF03

Band_12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



Band_12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



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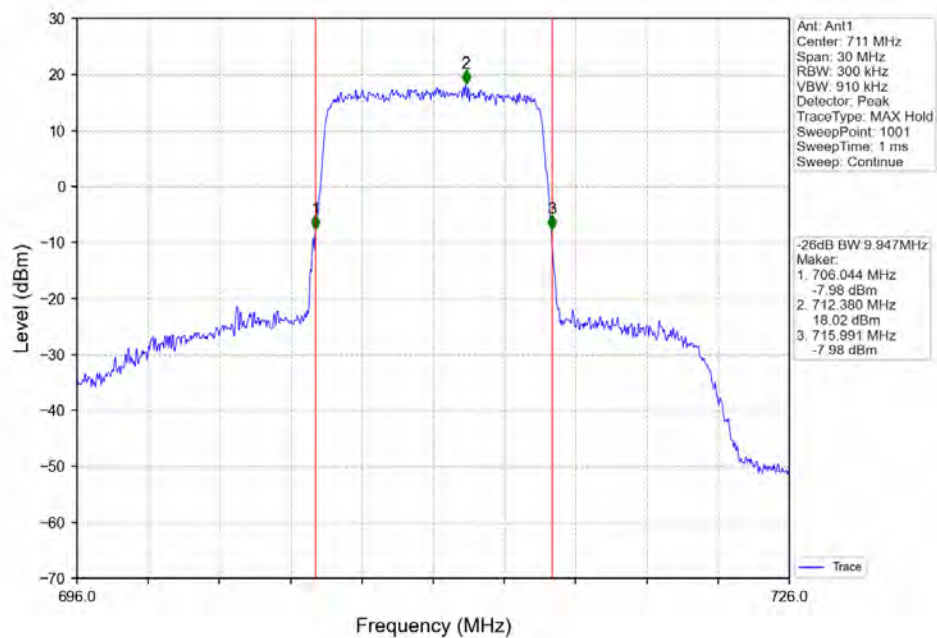
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Test Report No.: W7L-P20210616-3RF03

Band_12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



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