

LTE B48

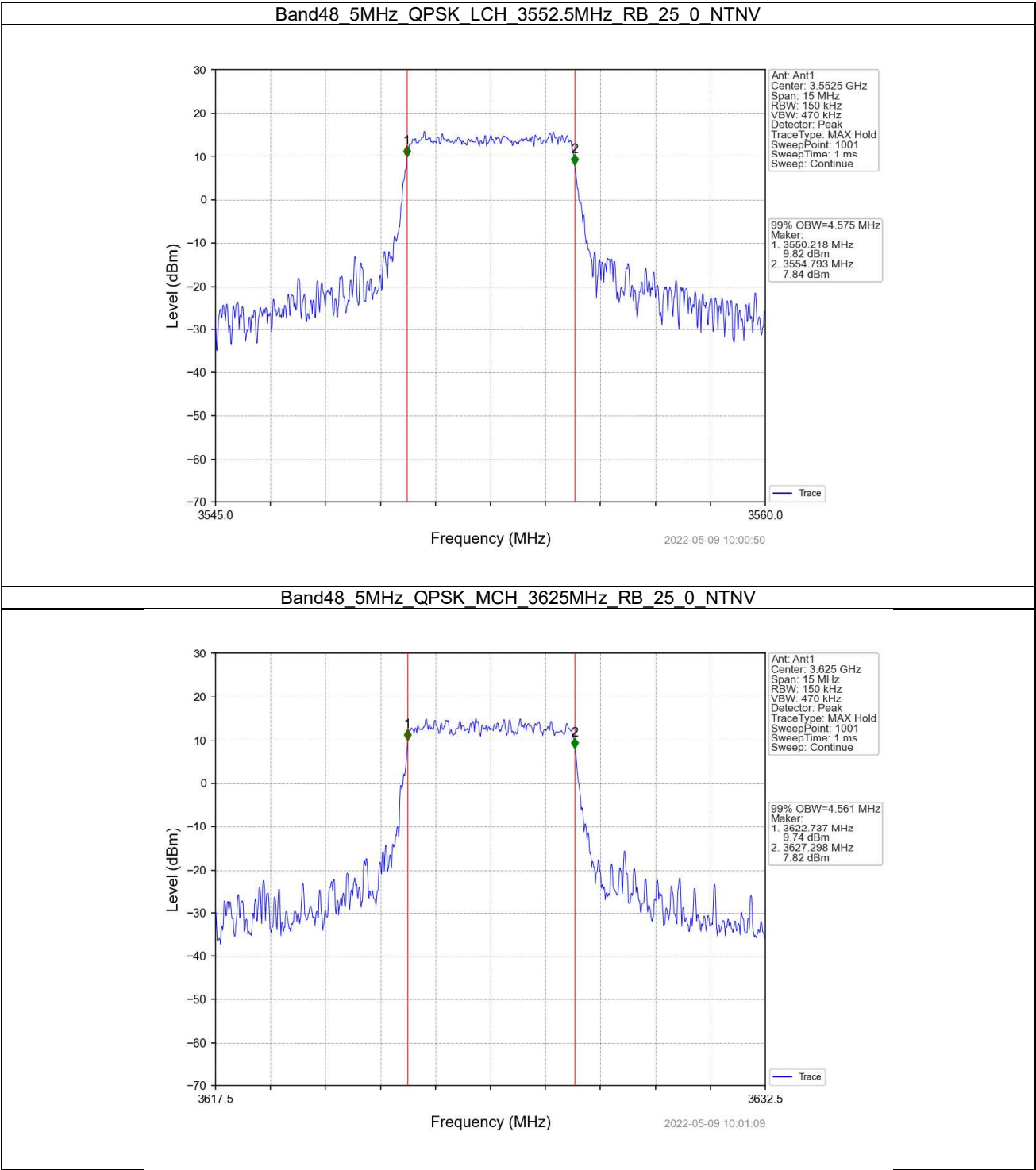
1. 99% & 26dB Bandwidth

1.1 Band48_OBW

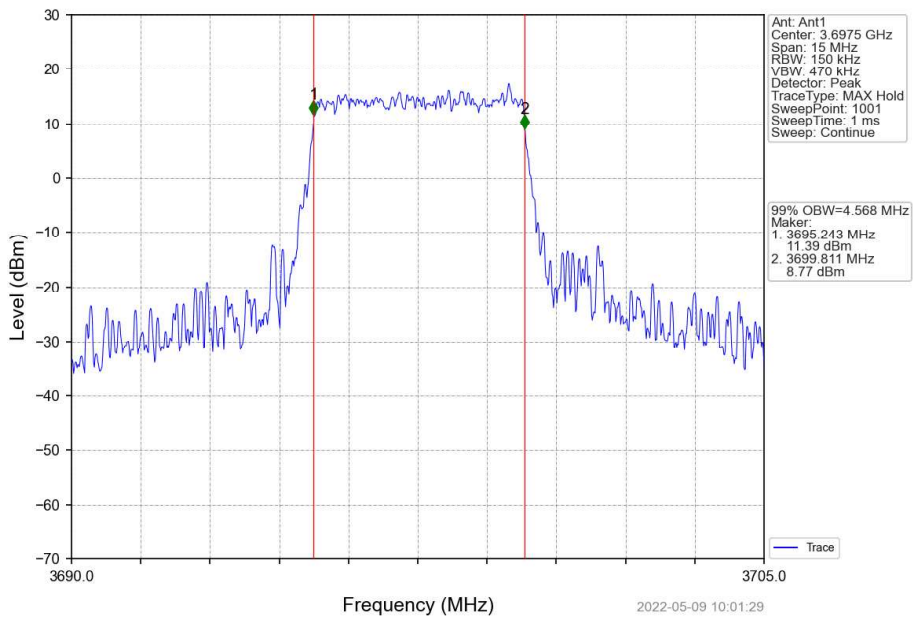
1.1.1 Test Result

Band: 48 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	3552.5	25	0	4.575	Pass
		3625	25	0	4.561	Pass
		3697.5	25	0	4.568	Pass
	16QAM	3552.5	25	0	4.569	Pass
		3625	25	0	4.567	Pass
		3697.5	25	0	4.554	Pass
10	QPSK	3555	50	0	9.090	Pass
		3625	50	0	9.043	Pass
		3695	50	0	9.051	Pass
	16QAM	3555	50	0	9.115	Pass
		3625	50	0	9.064	Pass
		3695	50	0	9.074	Pass
15	QPSK	3557.5	75	0	13.638	Pass
		3625	75	0	13.576	Pass
		3692.5	75	0	13.615	Pass
	16QAM	3557.5	75	0	13.617	Pass
		3625	75	0	13.550	Pass
		3692.5	75	0	13.629	Pass
20	QPSK	3560	100	0	18.155	Pass
		3625	100	0	18.066	Pass
		3690	100	0	18.045	Pass
	16QAM	3560	100	0	18.125	Pass
		3625	100	0	18.171	Pass
		3690	100	0	18.082	Pass

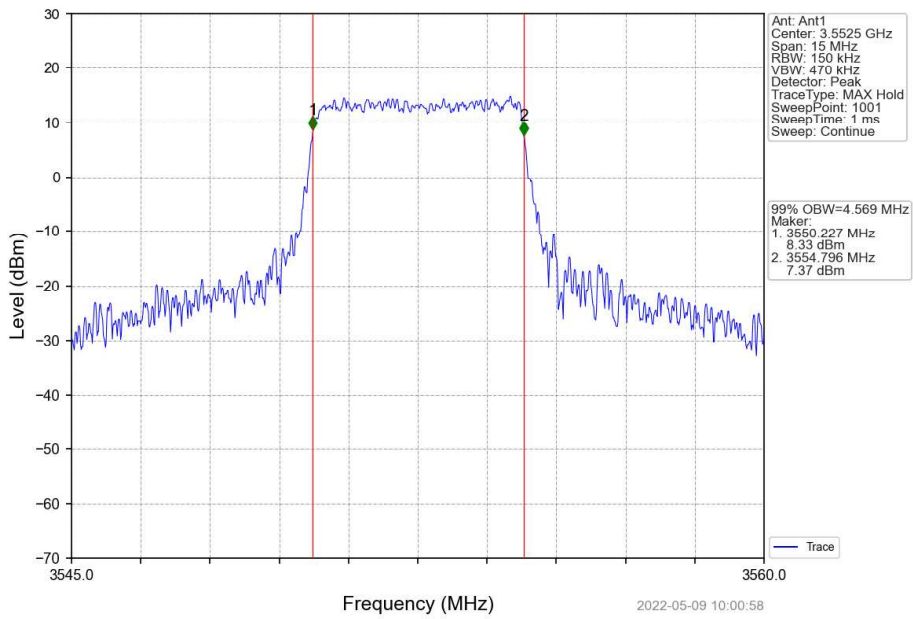
1.1.2 Test Graph



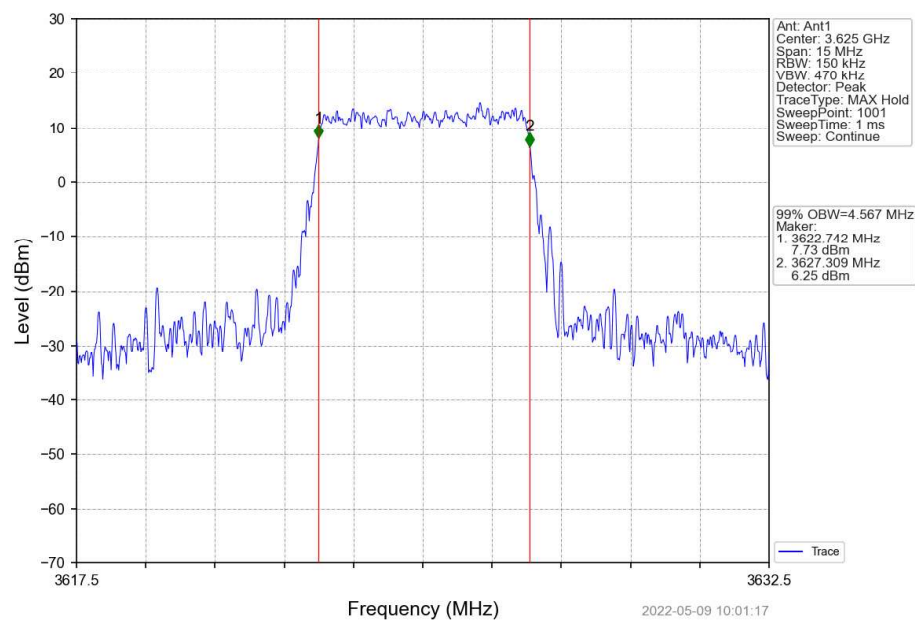
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_25_0_NTNV



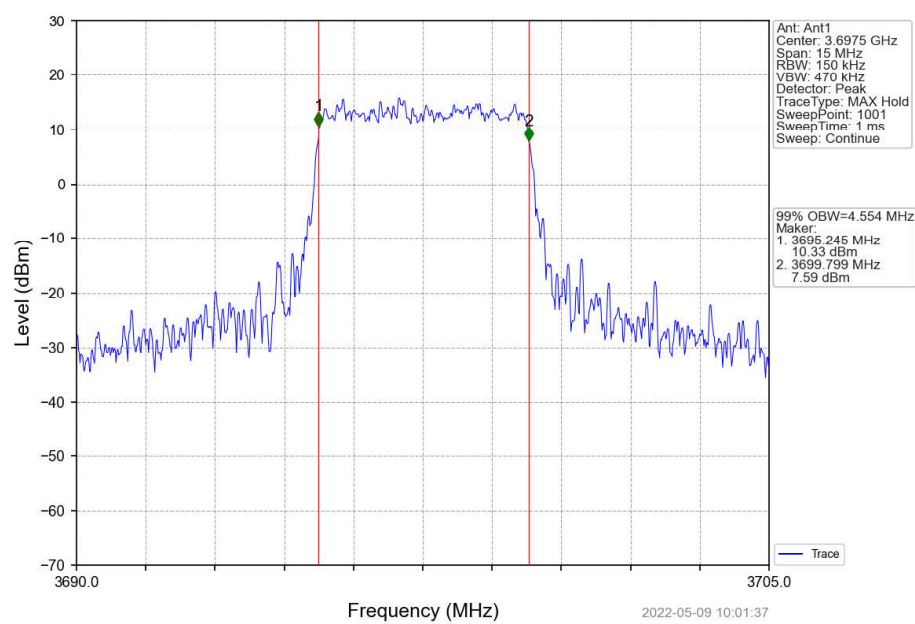
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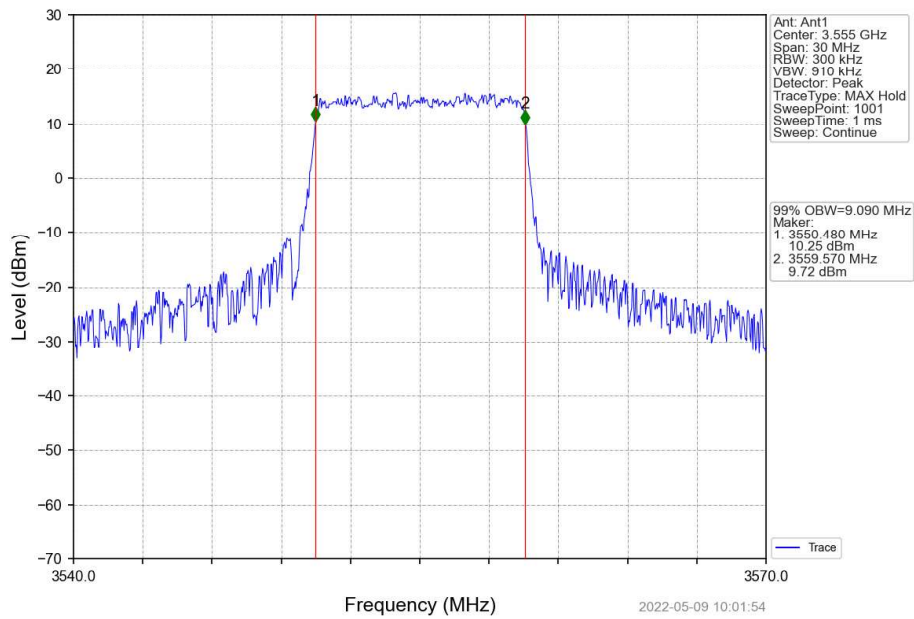
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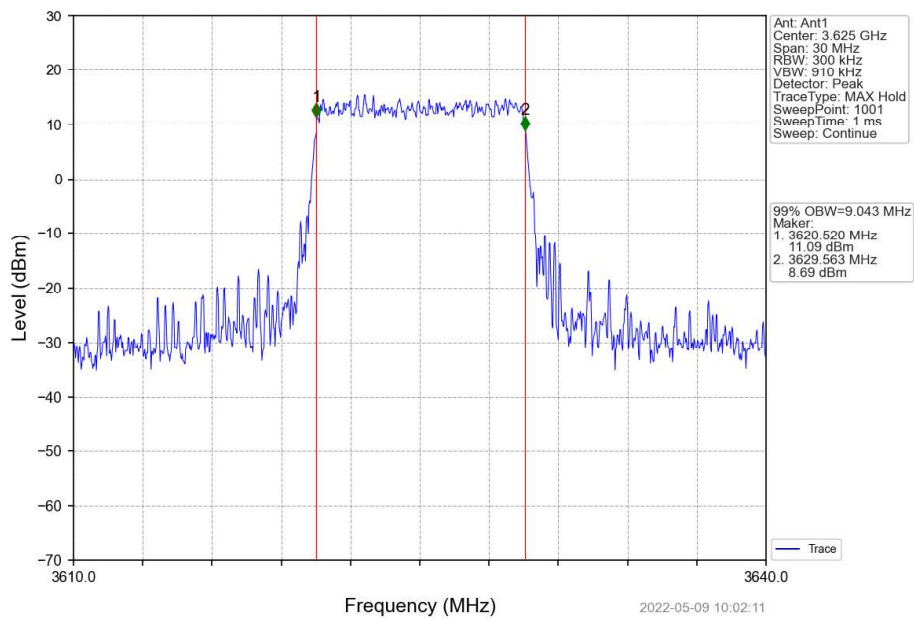
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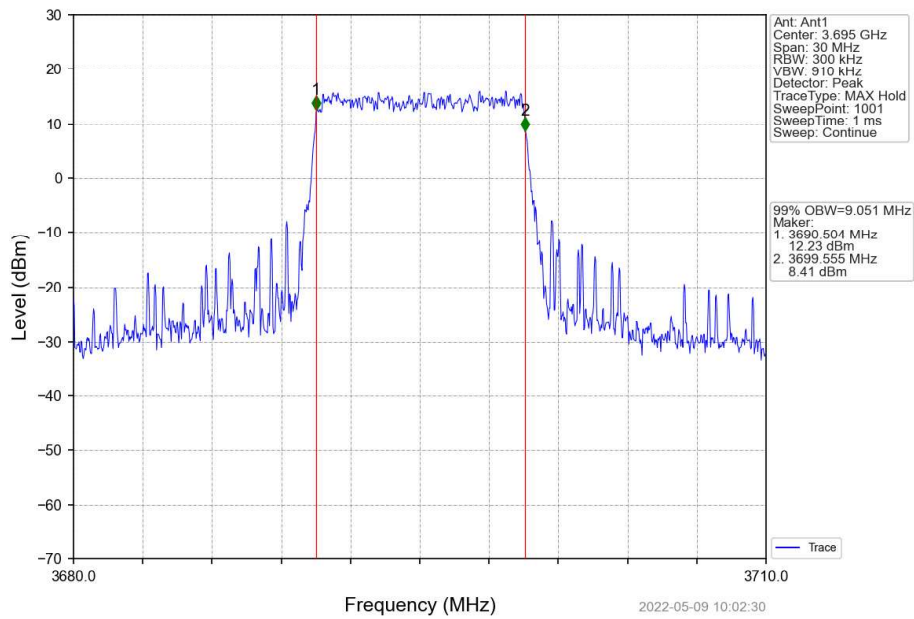
Band48_10MHz_QPSK_LCH_3555MHz_RB_50_0_NTNV



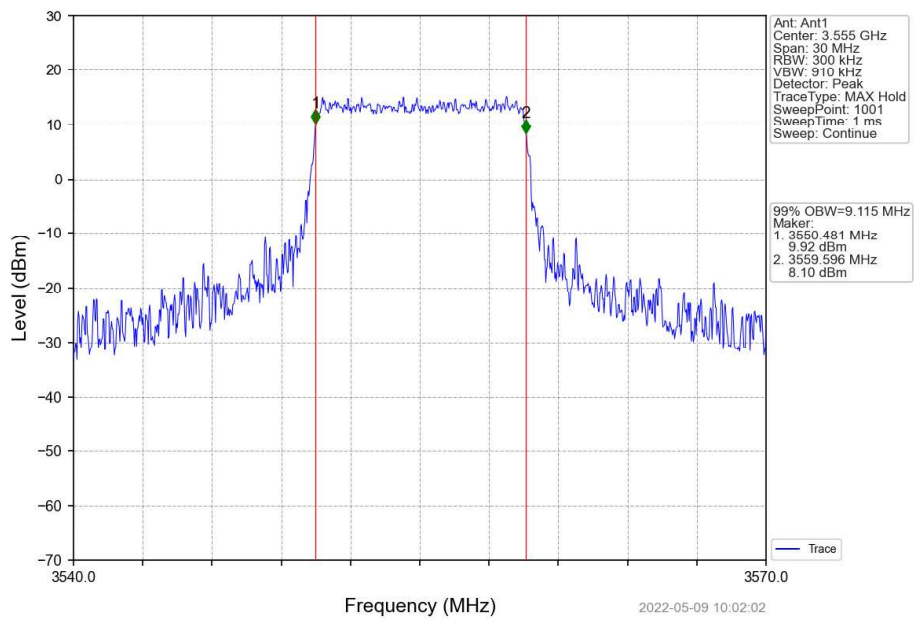
Band48_10MHz_QPSK_MCH_3625MHz_RB_50_0_NTNV



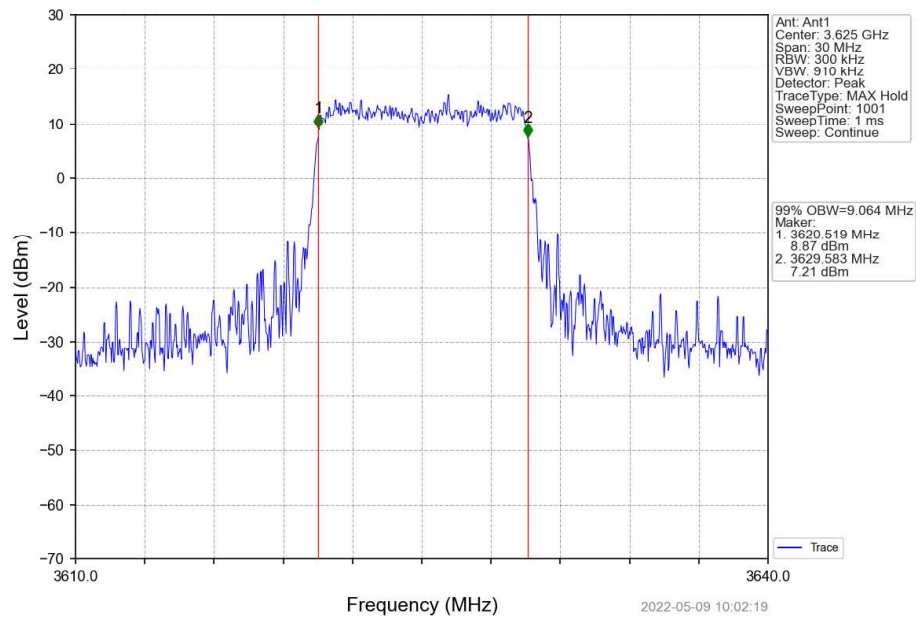
Band48_10MHz_QPSK_HCH_3695MHz_RB_50_0_NTNV



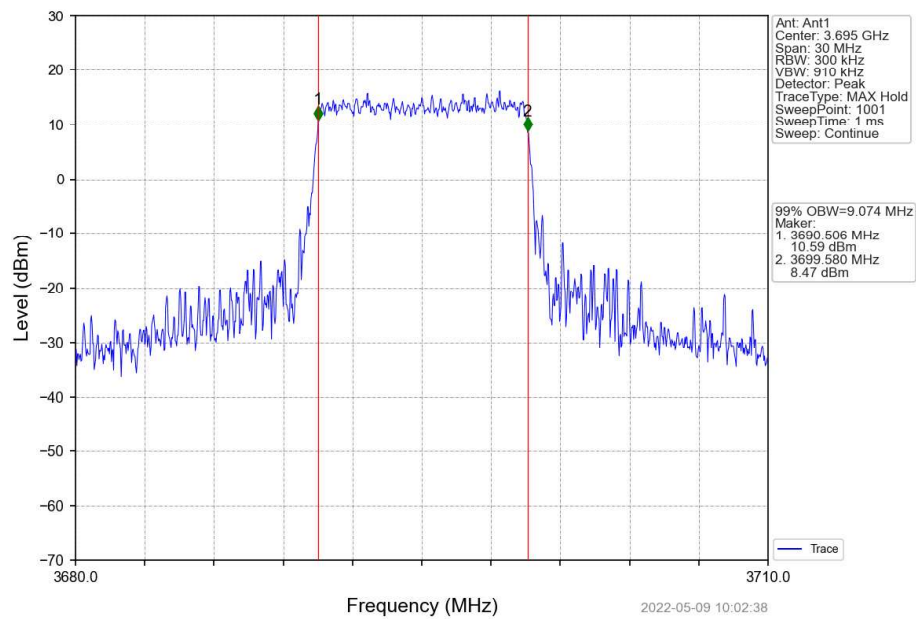
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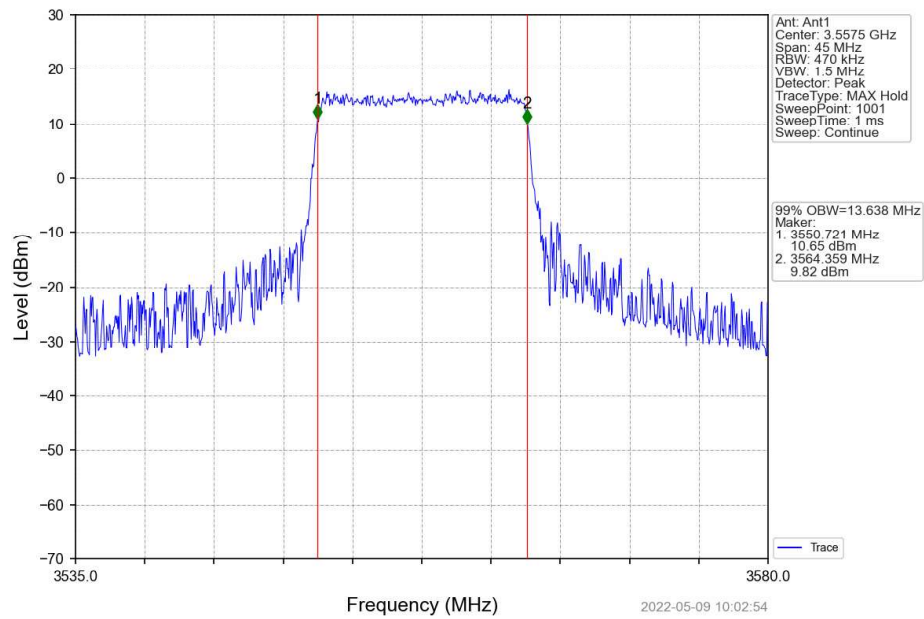
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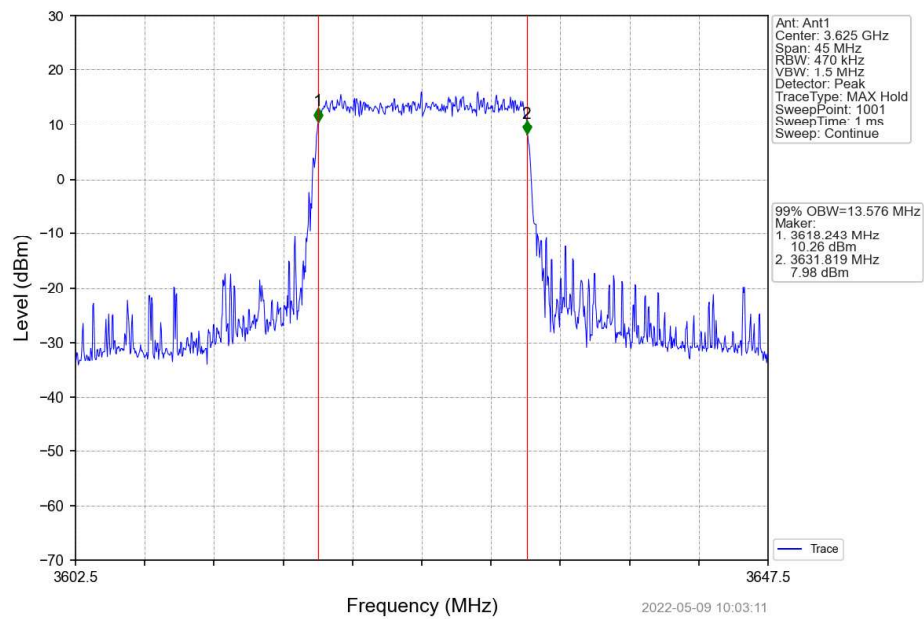
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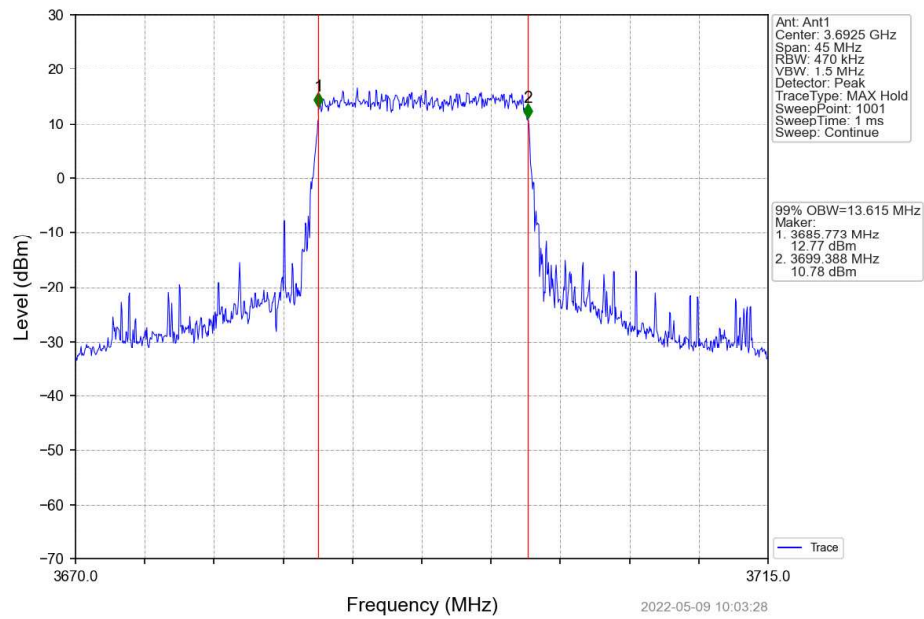
Band48_15MHz_QPSK_LCH_3557.5MHz_RB_75_0_NTNV



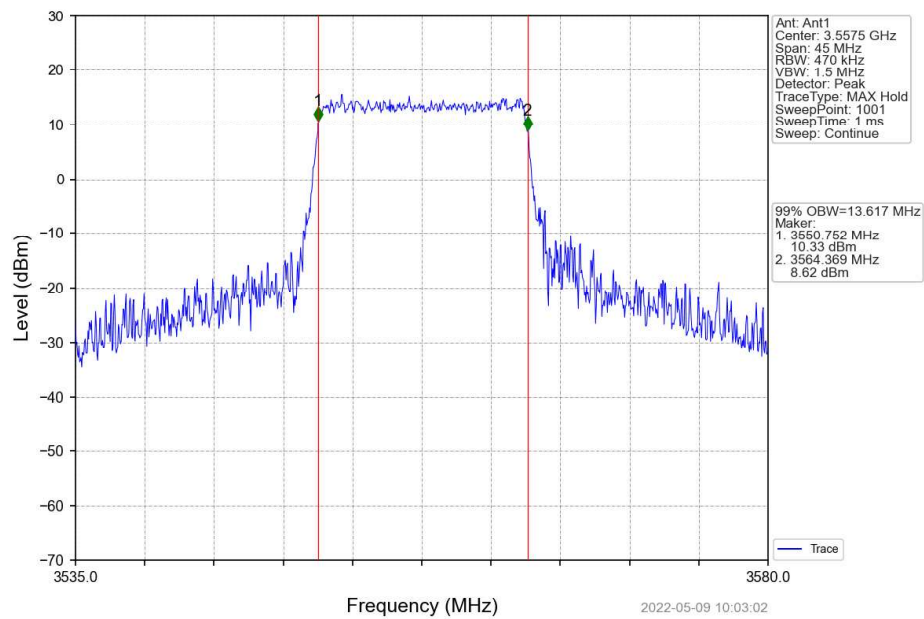
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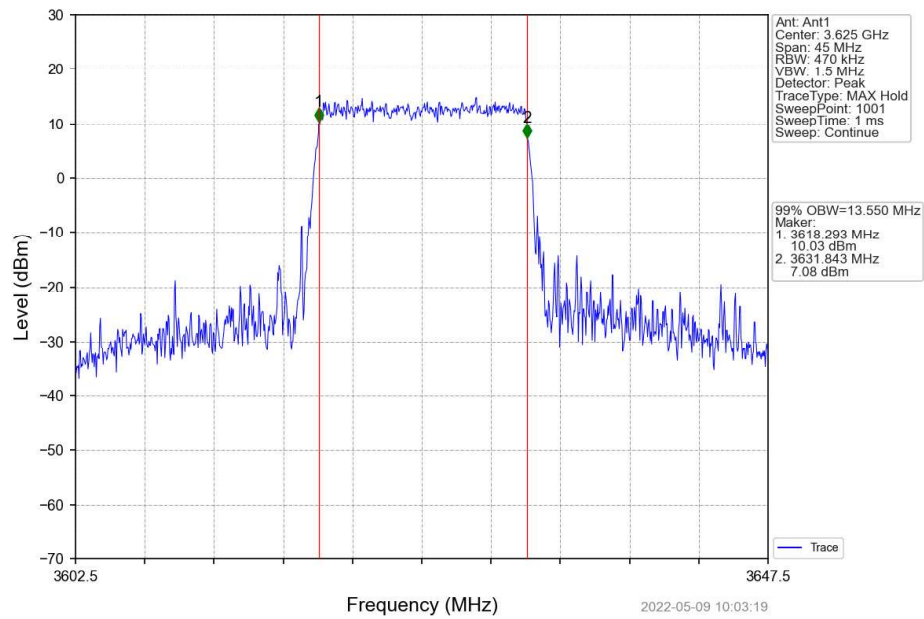
Band48_15MHz_QPSK_HCH_3692.5MHz_RB_75_0_NTNV



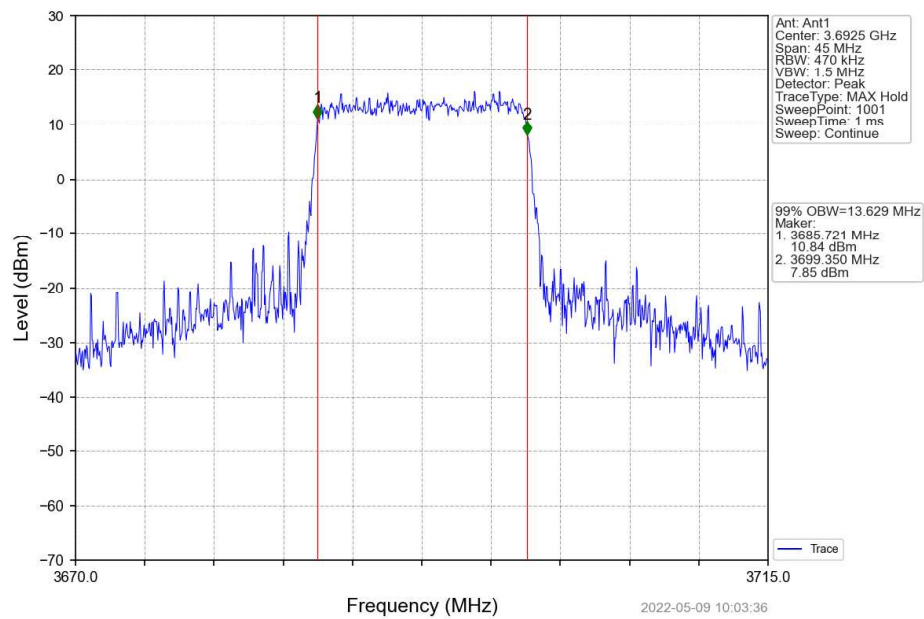
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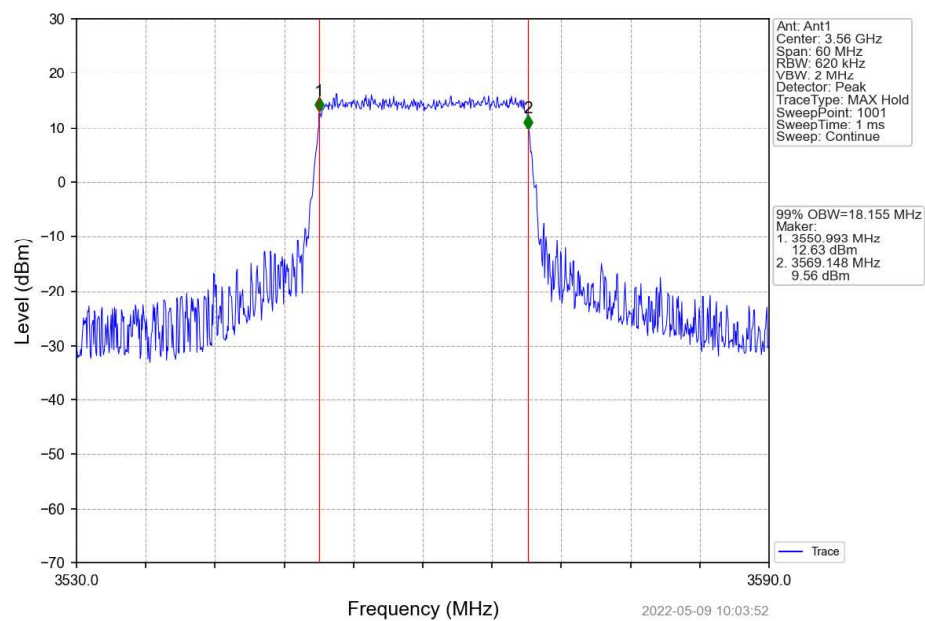
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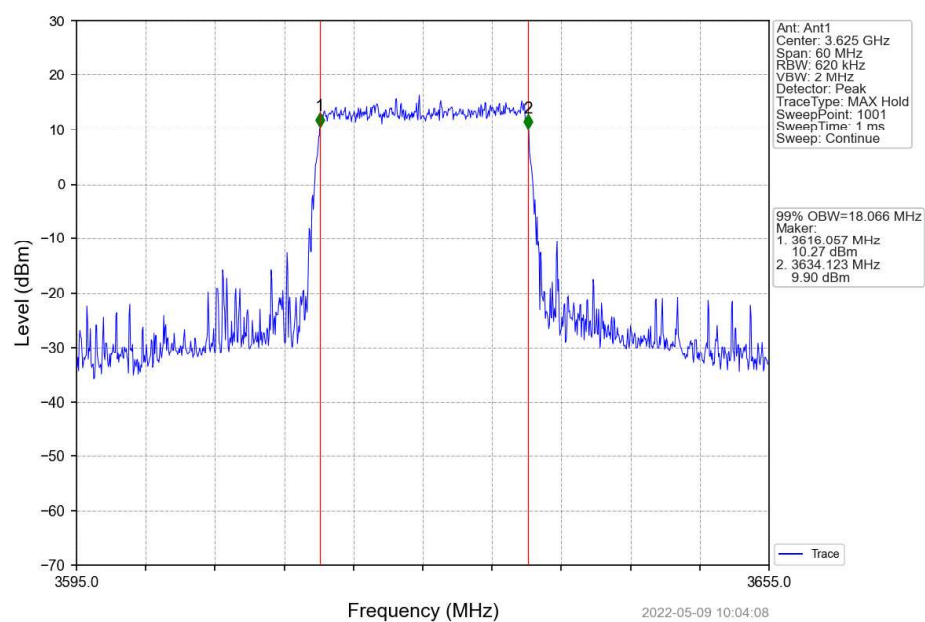
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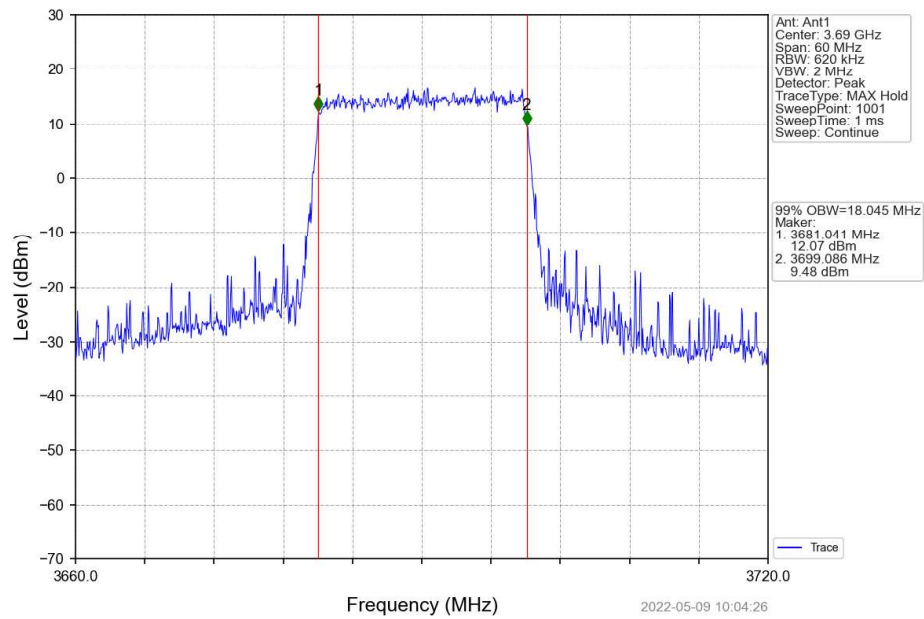
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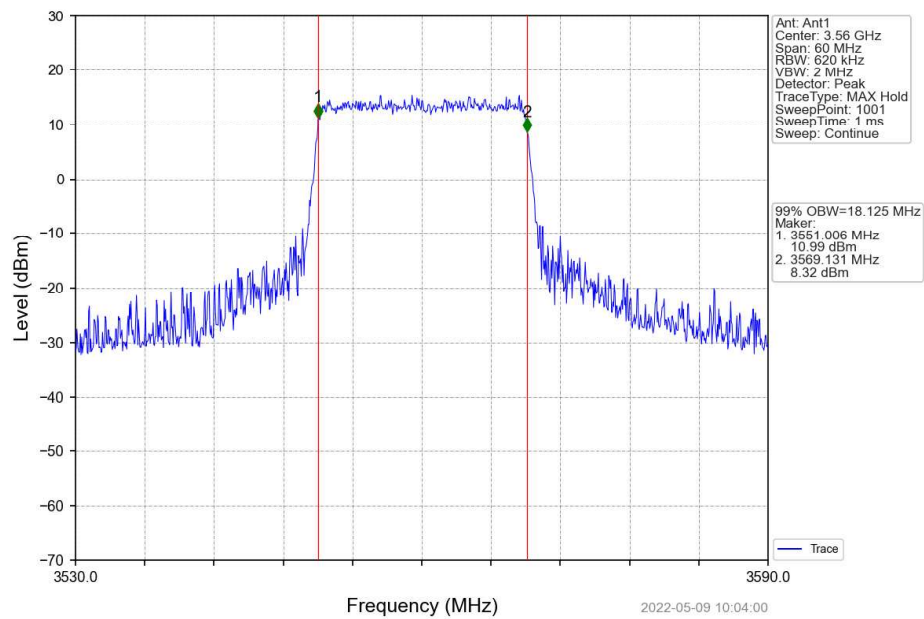
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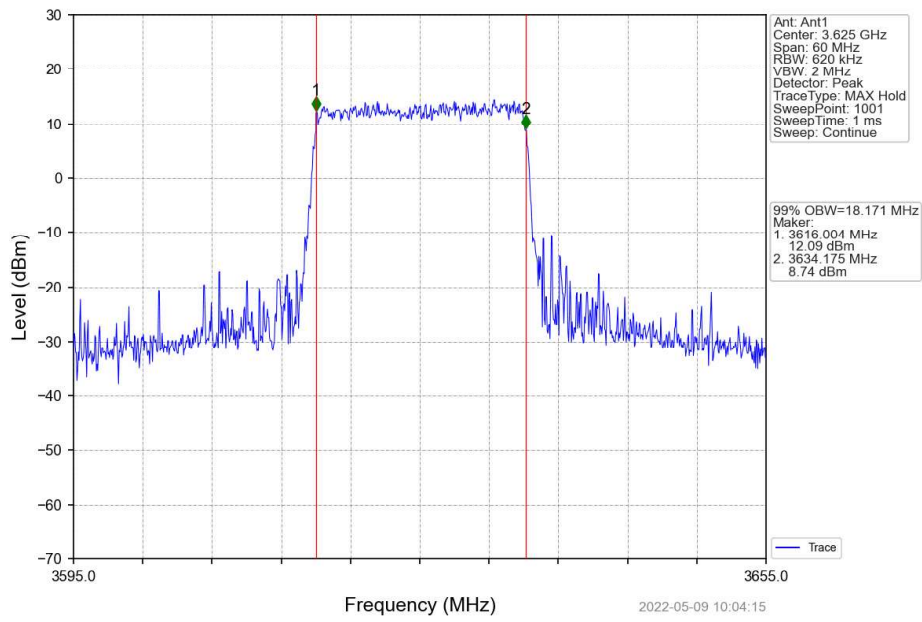
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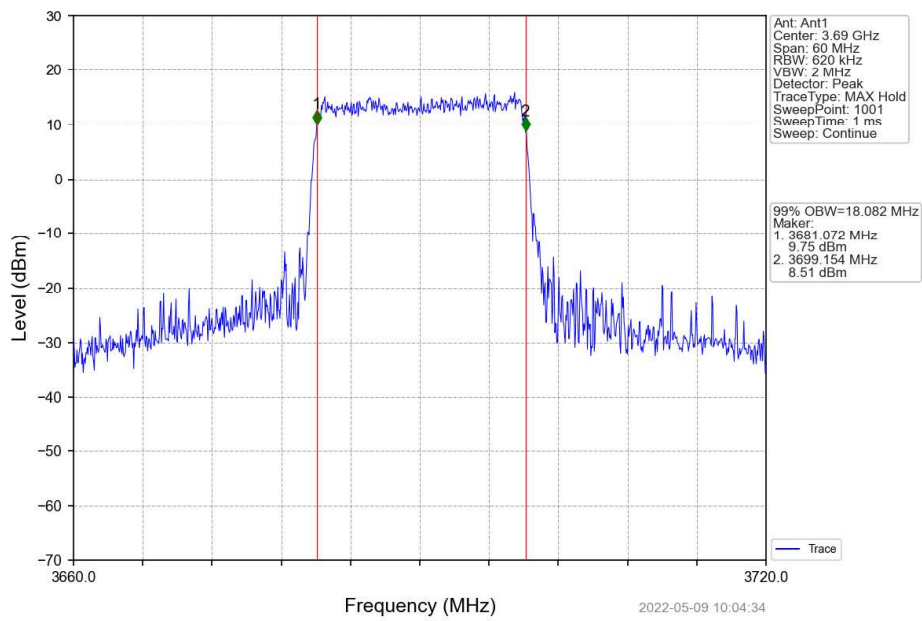
Band48_20MHz_16QAM_LCH_3560MHz_RB_100_0_NTNV



Band48_20MHz_16QAM_MCH_3625MHz_RB_100_0_NTNV



Band48_20MHz_16QAM_HCH_3690MHz_RB_100_0_NTNV

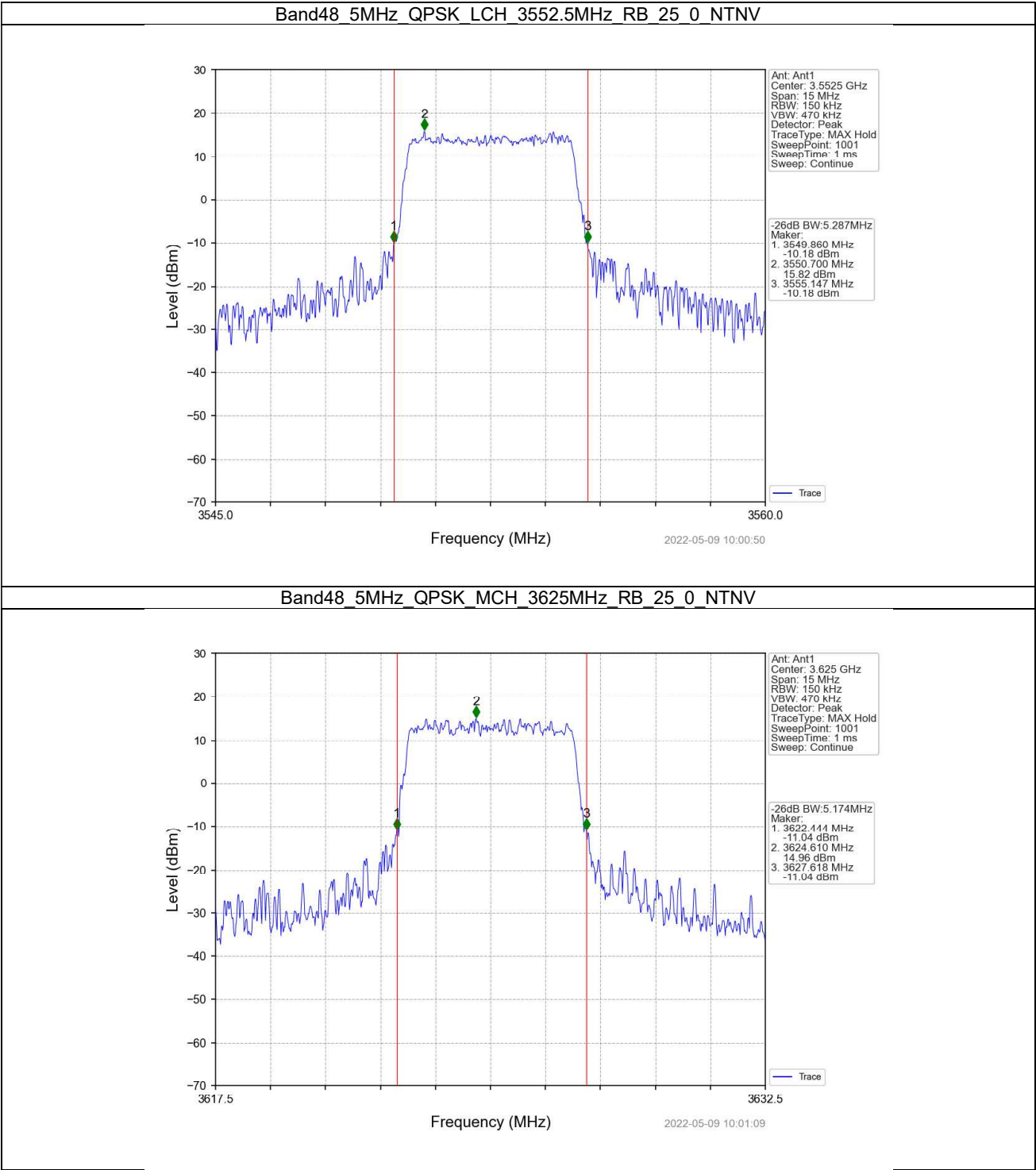


1.2 Band48_XDB

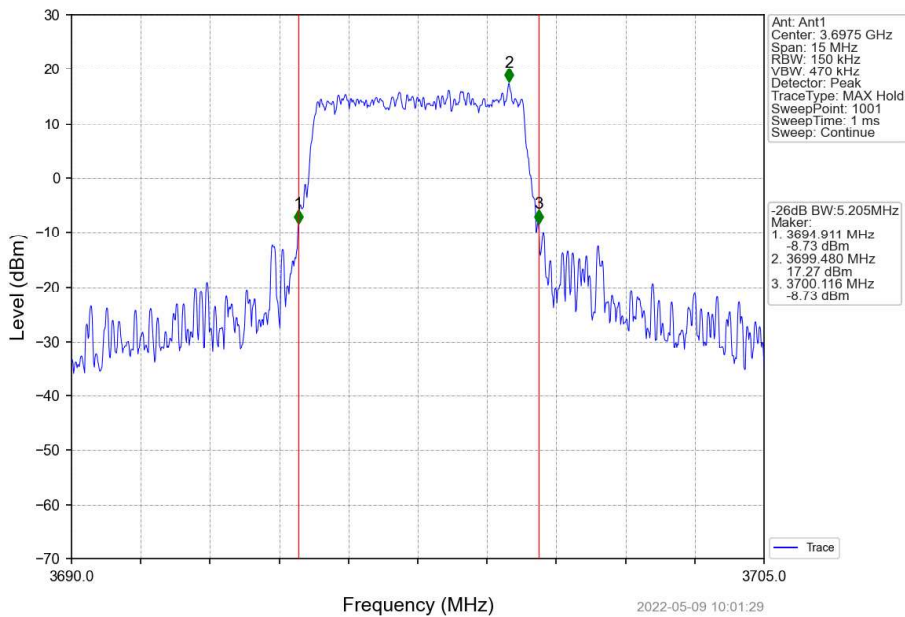
1.2.1 Test Result

Band: 48 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	3552.5	25	0	5.287	Pass
		3625	25	0	5.174	Pass
		3697.5	25	0	5.205	Pass
	16QAM	3552.5	25	0	5.707	Pass
		3625	25	0	5.421	Pass
		3697.5	25	0	5.194	Pass
10	QPSK	3555	50	0	10.257	Pass
		3625	50	0	10.632	Pass
		3695	50	0	11.570	Pass
	16QAM	3555	50	0	12.065	Pass
		3625	50	0	10.827	Pass
		3695	50	0	10.556	Pass
15	QPSK	3557.5	75	0	16.696	Pass
		3625	75	0	14.878	Pass
		3692.5	75	0	16.584	Pass
	16QAM	3557.5	75	0	17.382	Pass
		3625	75	0	15.512	Pass
		3692.5	75	0	16.249	Pass
20	QPSK	3560	100	0	20.761	Pass
		3625	100	0	19.814	Pass
		3690	100	0	19.834	Pass
	16QAM	3560	100	0	21.447	Pass
		3625	100	0	21.440	Pass
		3690	100	0	19.782	Pass

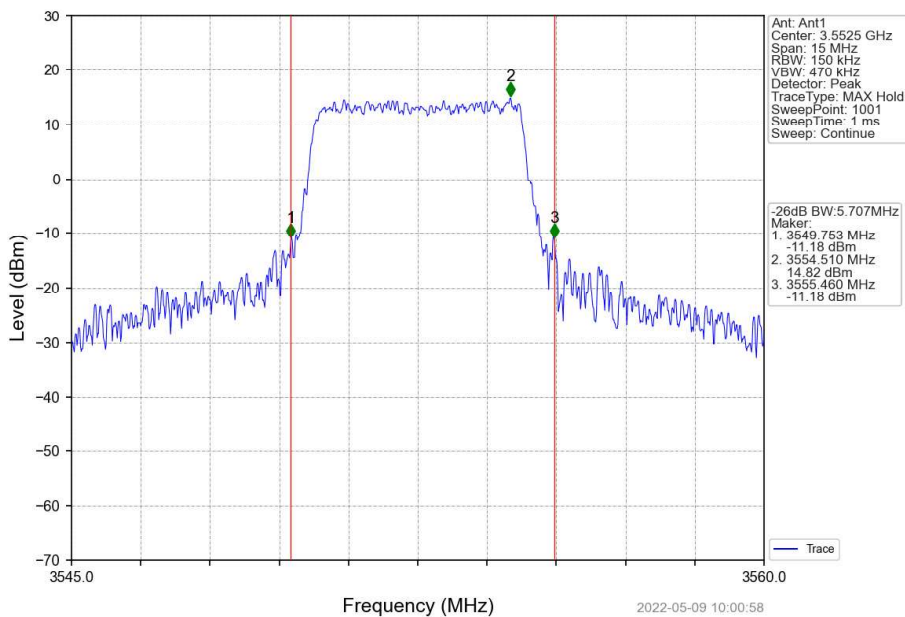
1.2.2 Test Graph



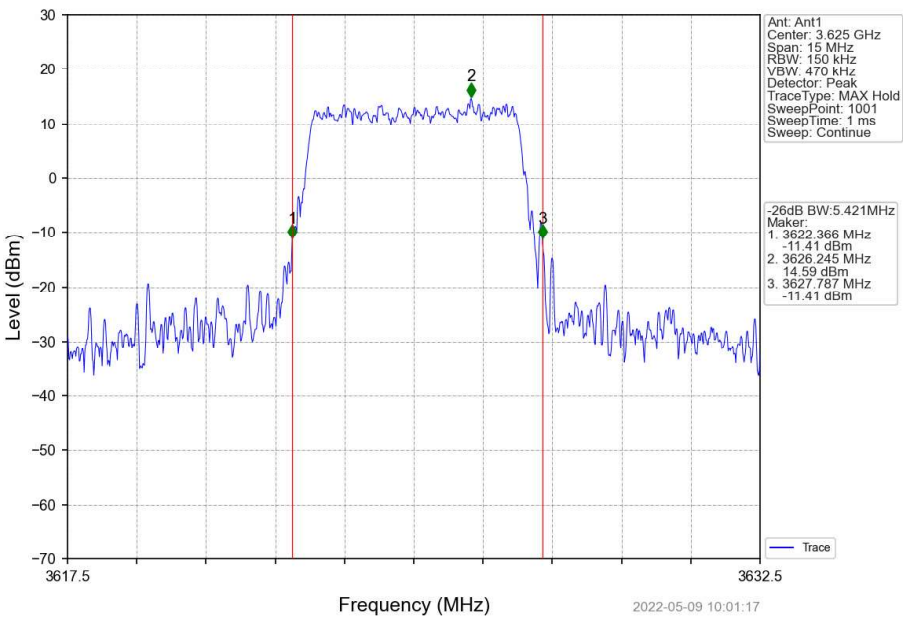
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_25_0_NTNV



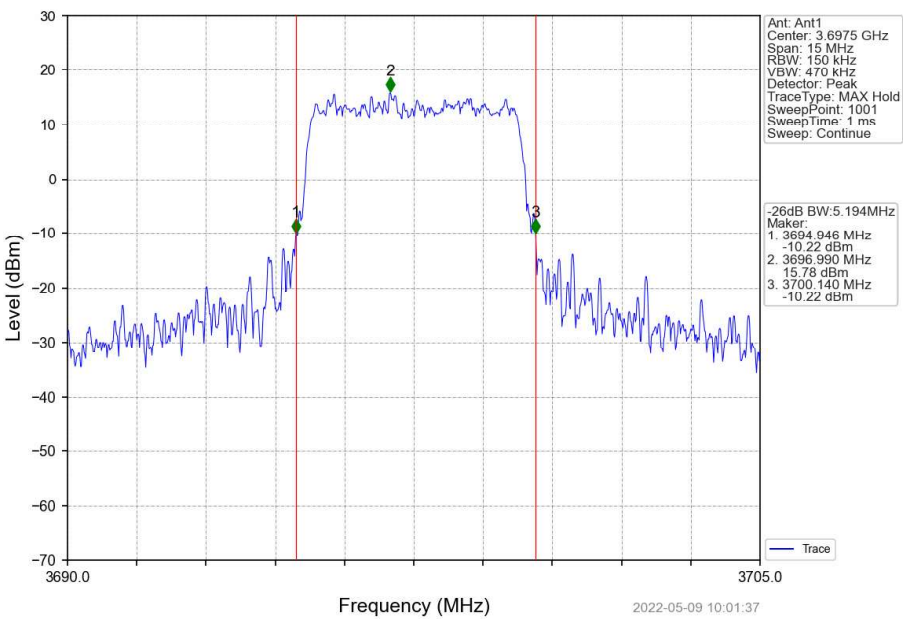
Band48_5MHz_16QAM_LCH_3552.5MHz_RB_25_0_NTNV



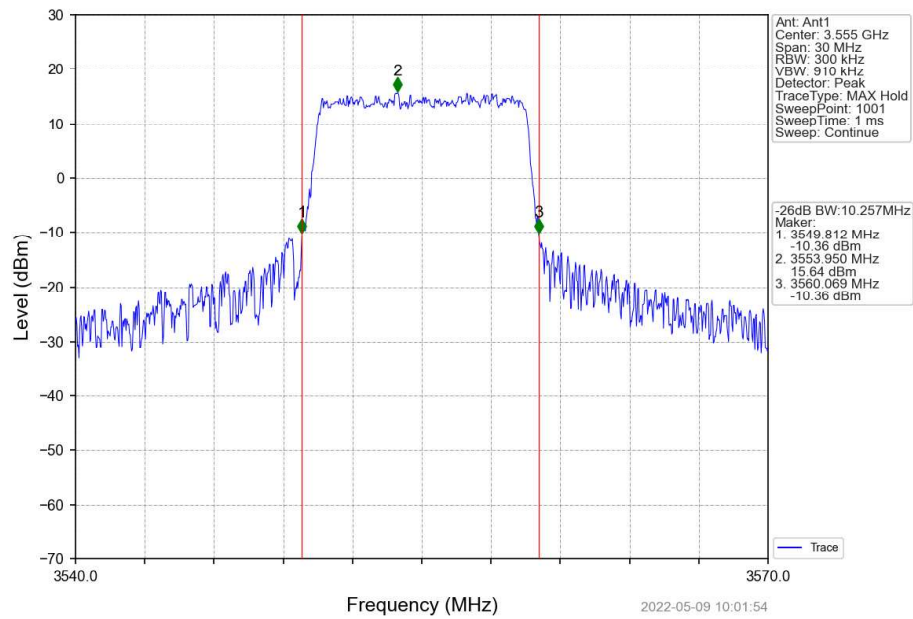
Band48_5MHz_16QAM_MCH_3625MHz_RB_25_0_NTNV



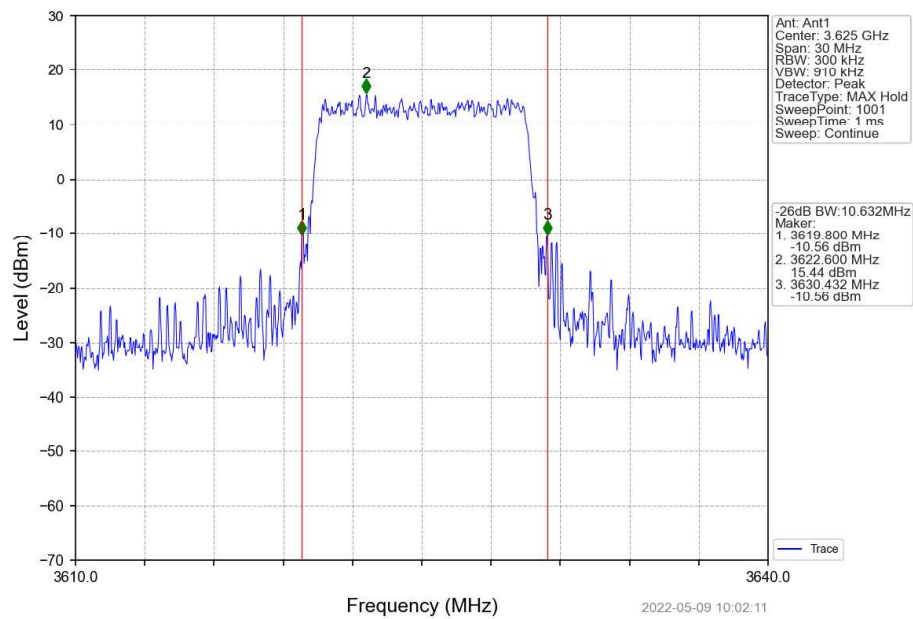
Band48_5MHz_16QAM_HCH_3697.5MHz_RB_25_0_NTNV



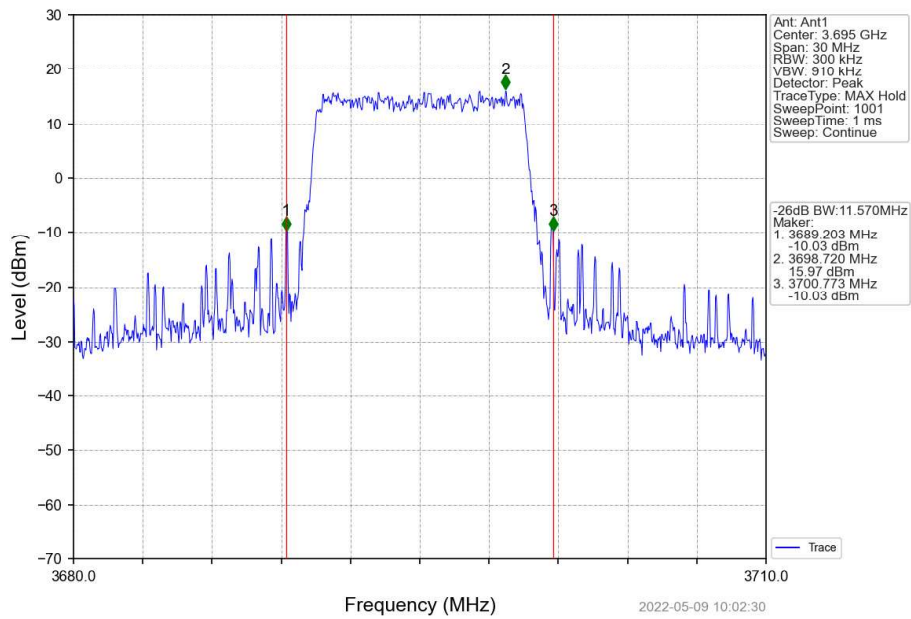
Band48_10MHz_QPSK_LCH_3555MHz_RB_50_0_NTNV



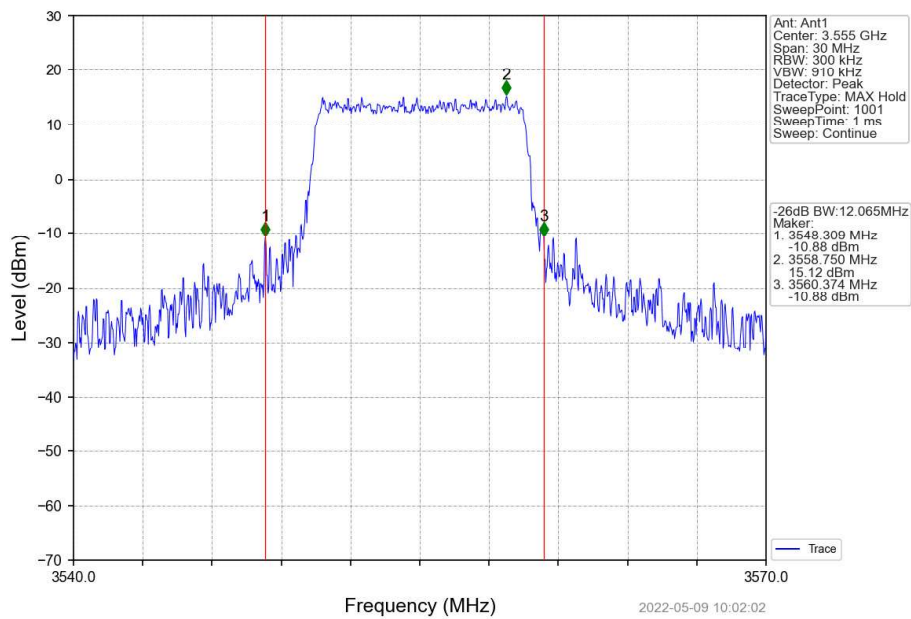
Band48_10MHz_QPSK_MCH_3625MHz_RB_50_0_NTNV



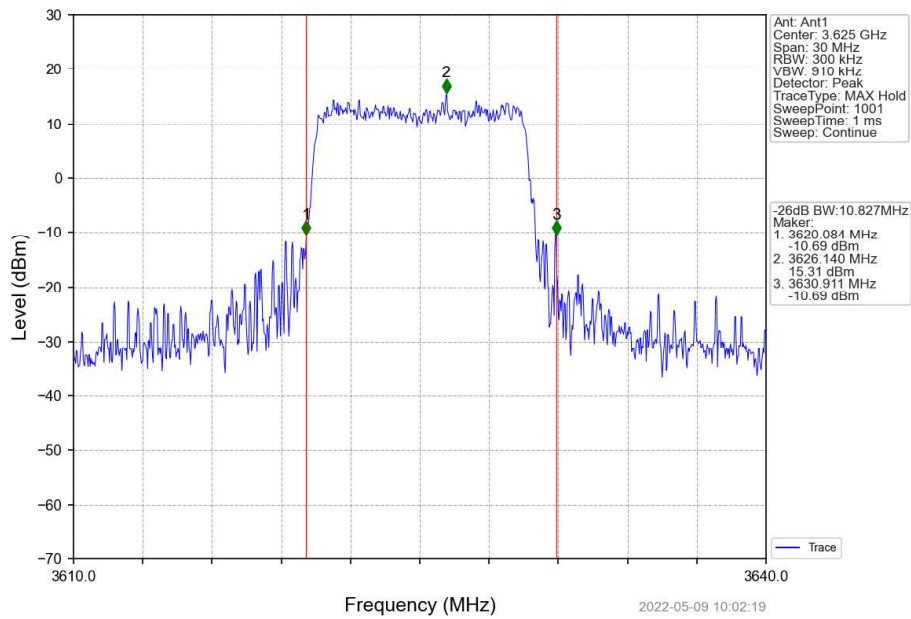
Band48_10MHz_QPSK_HCH_3695MHz_RB_50_0_NTNV



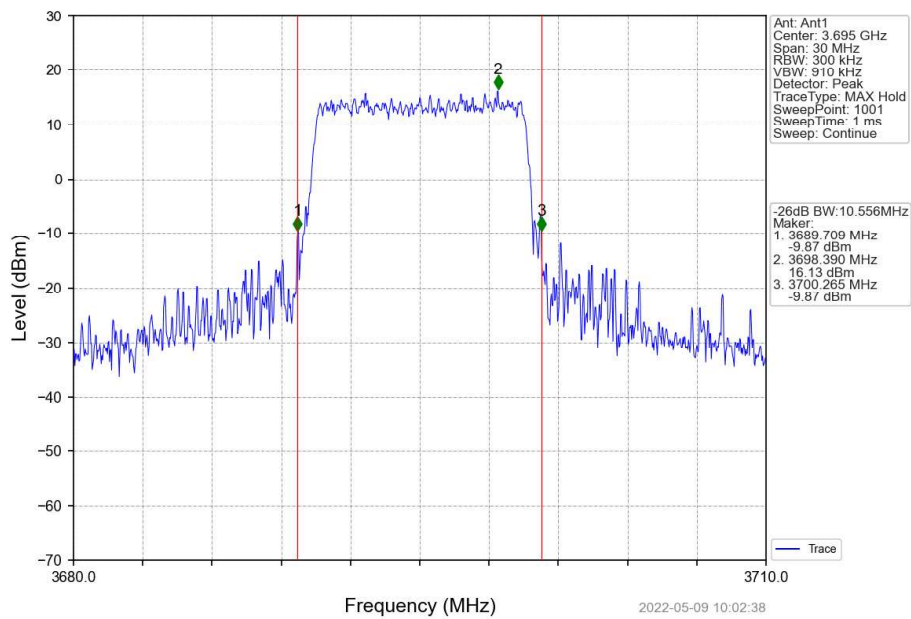
Band48_10MHz_16QAM_LCH_3555MHz_RB_50_0_NTNV



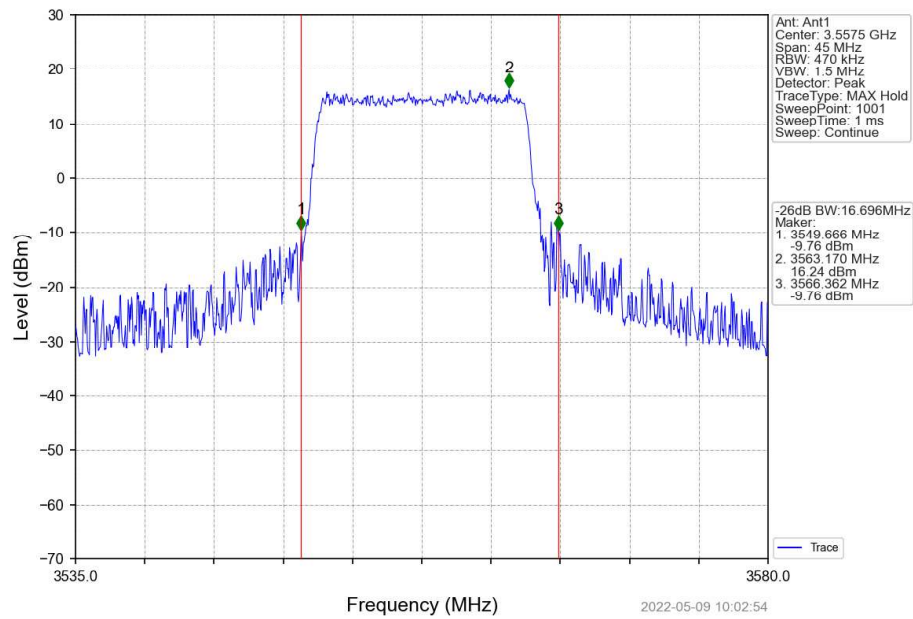
Band48_10MHz_16QAM_MCH_3625MHz_RB_50_0_NTNV



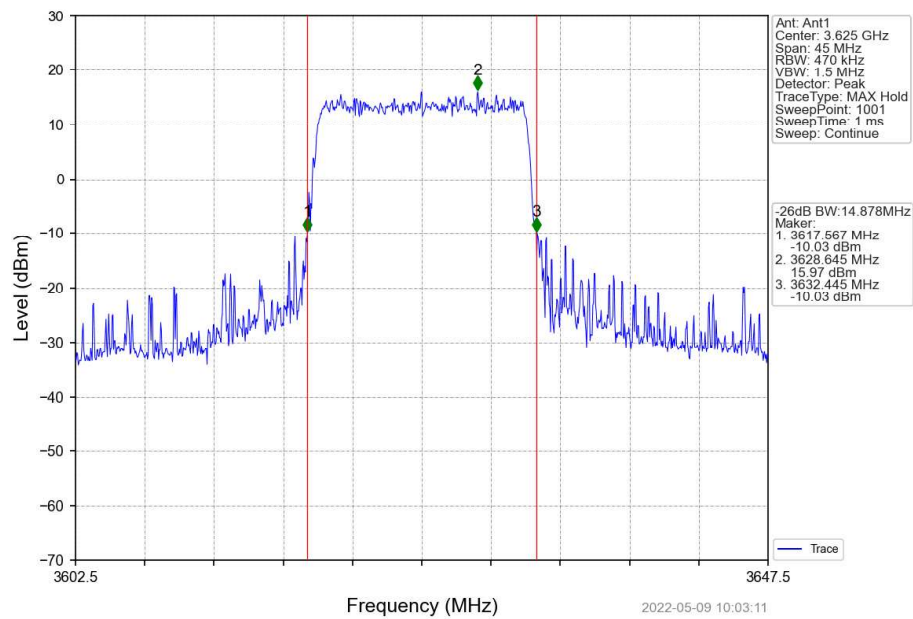
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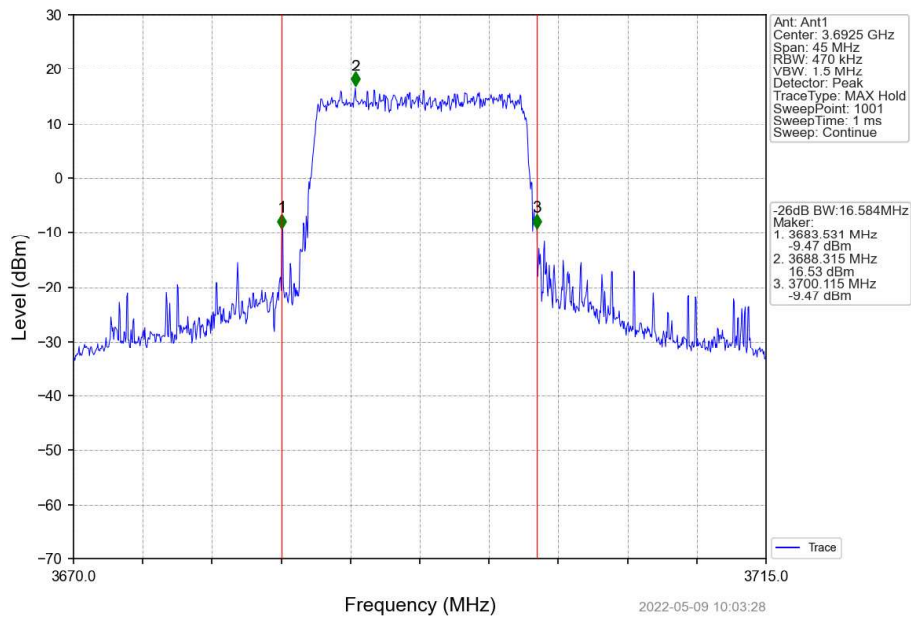
Band48_15MHz_QPSK_LCH_3557.5MHz_RB_75_0_NTNV



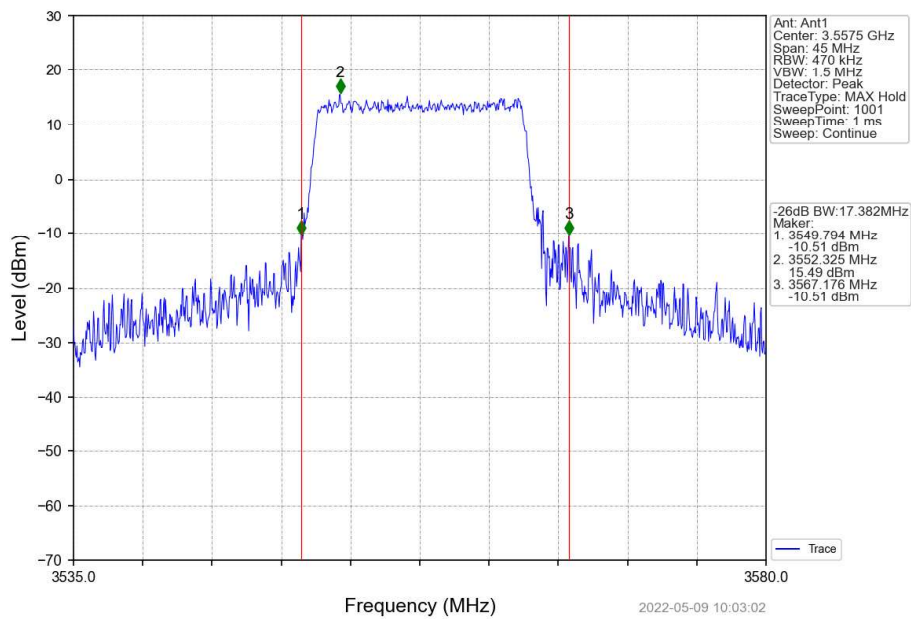
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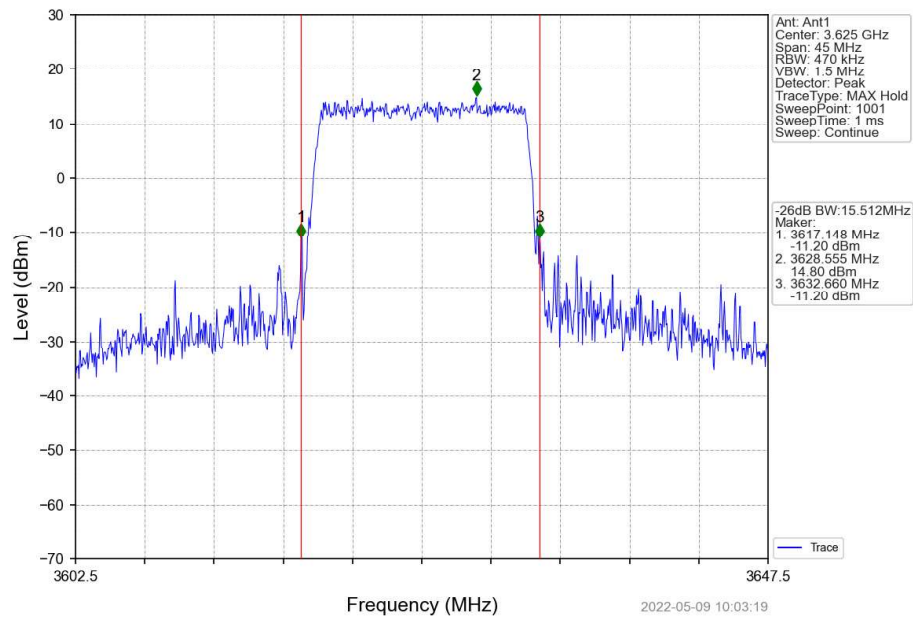
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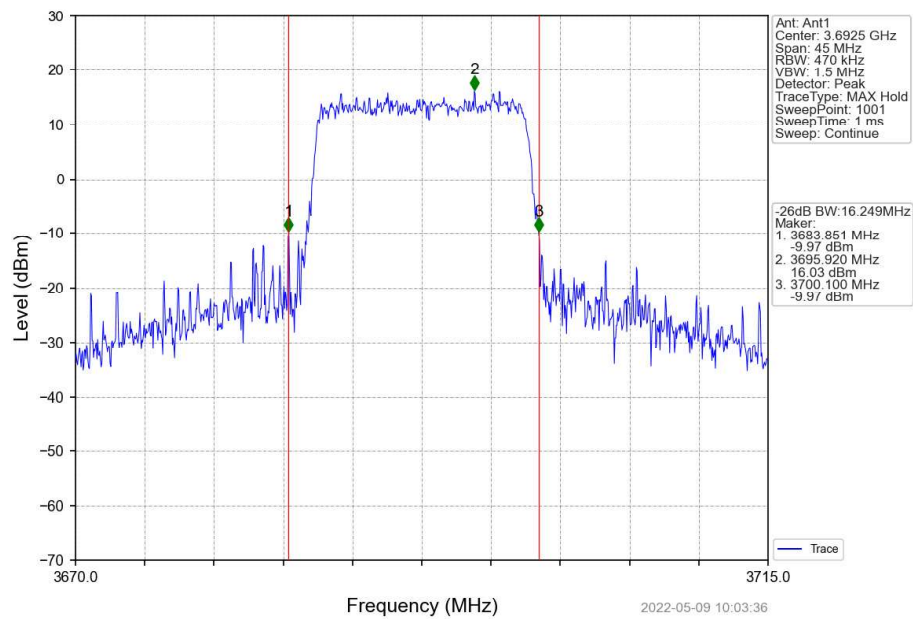
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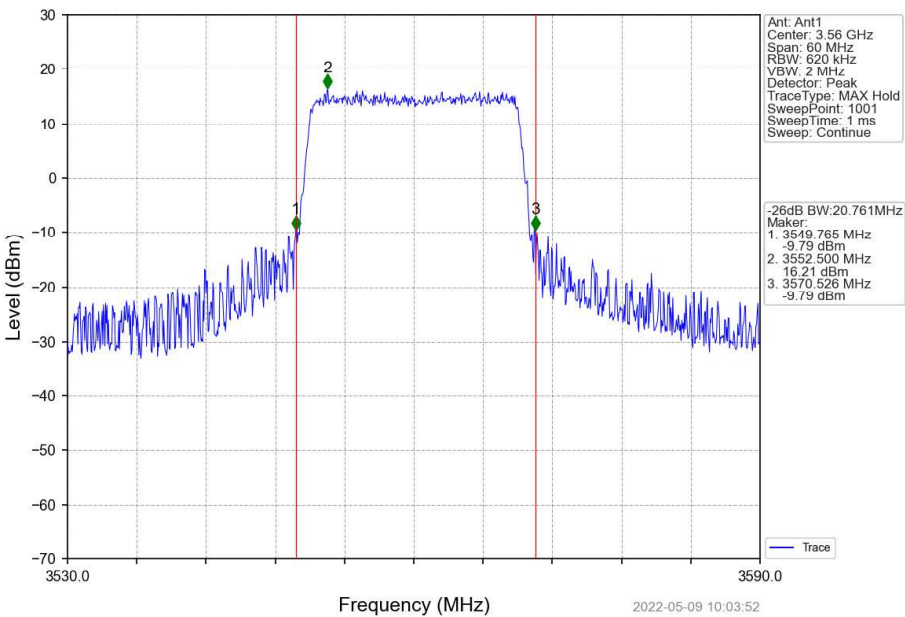
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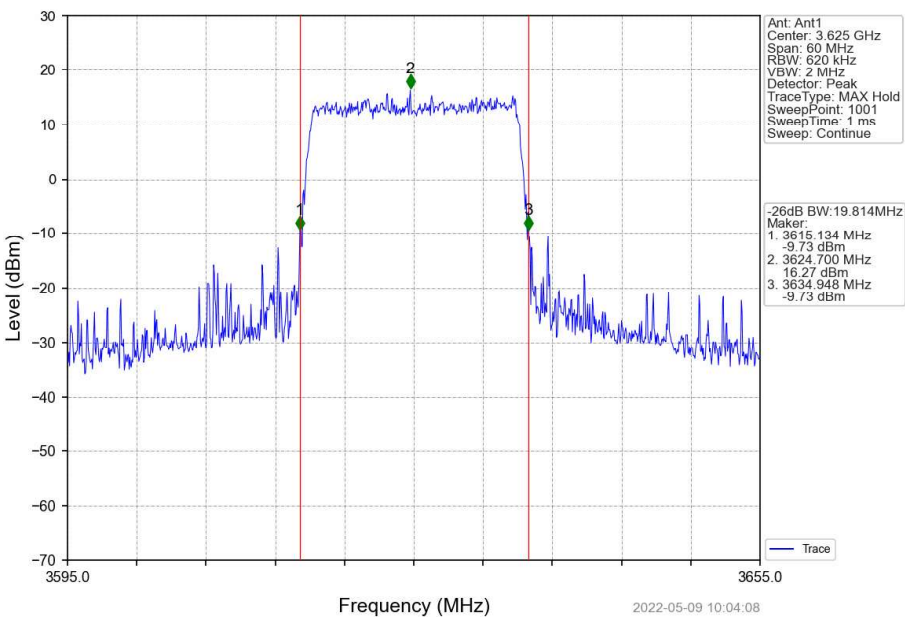
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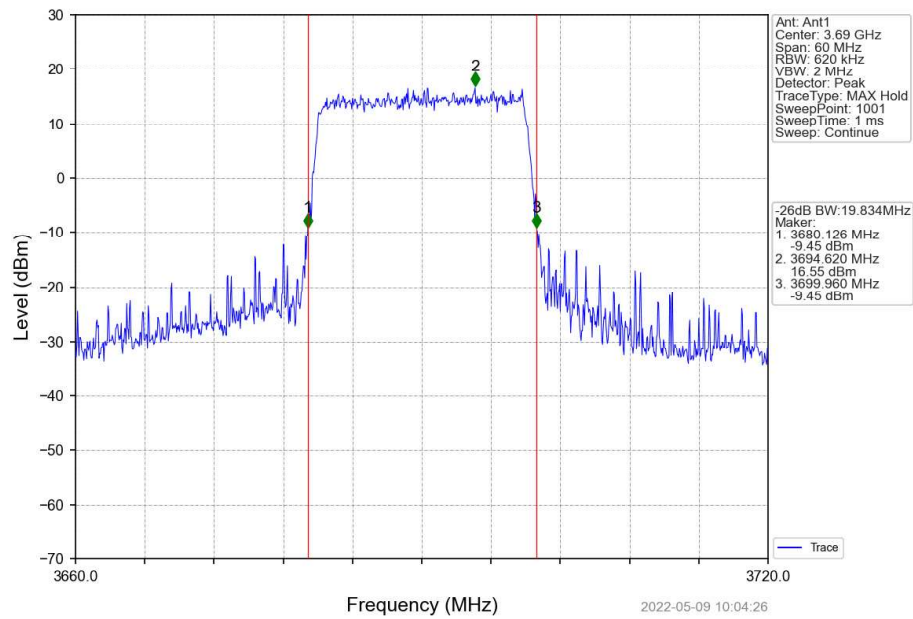
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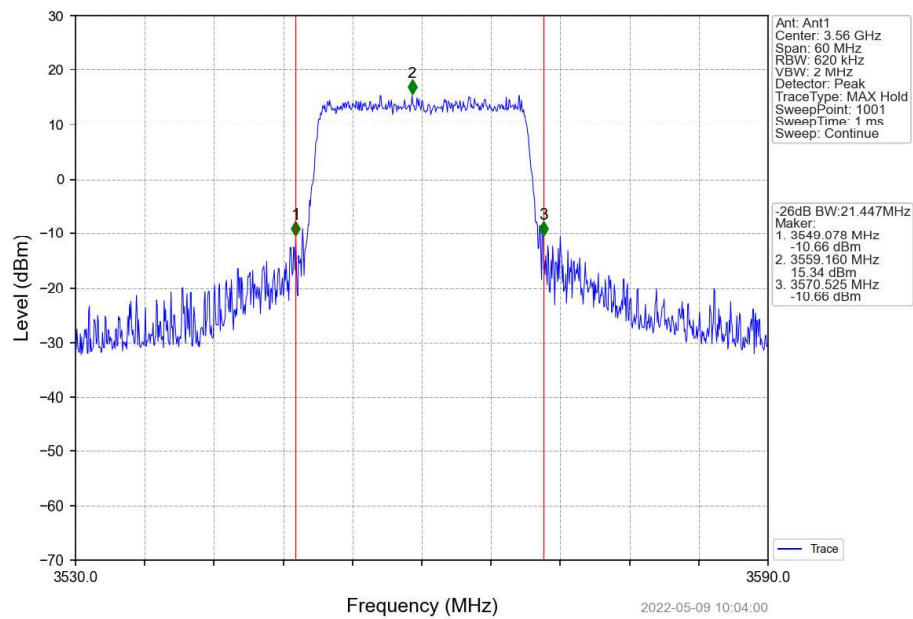
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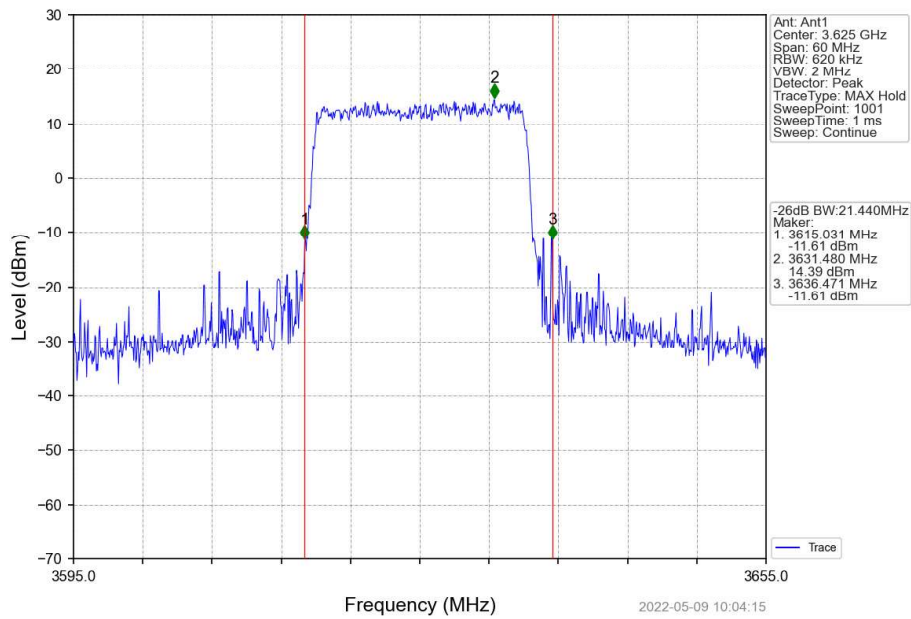
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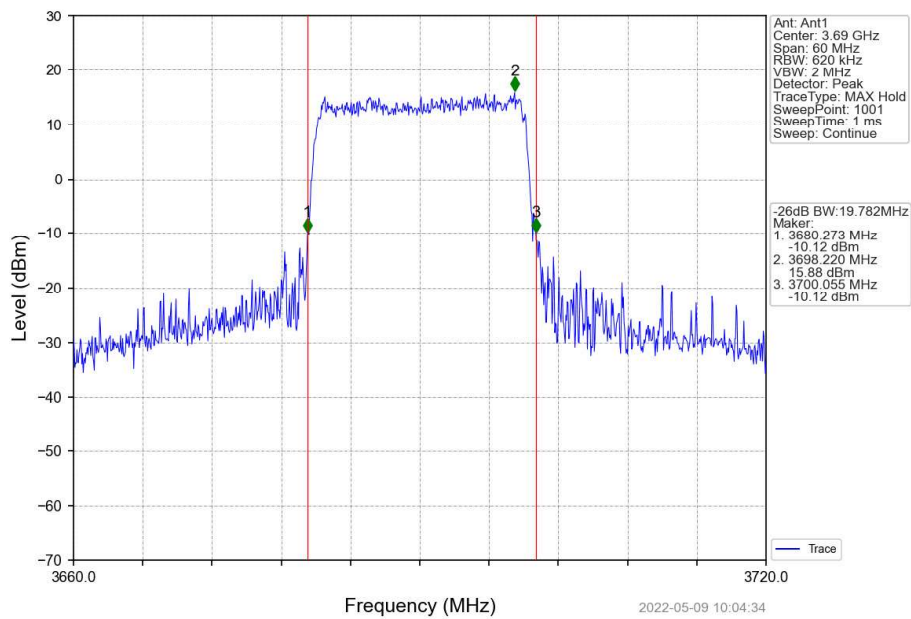
Band48_20MHz_16QAM_LCH_3560MHz_RB_100_0_NTNV



Band48_20MHz_16QAM_MCH_3625MHz_RB_100_0_NTNV



Band48_20MHz_16QAM_HCH_3690MHz_RB_100_0_NTNV



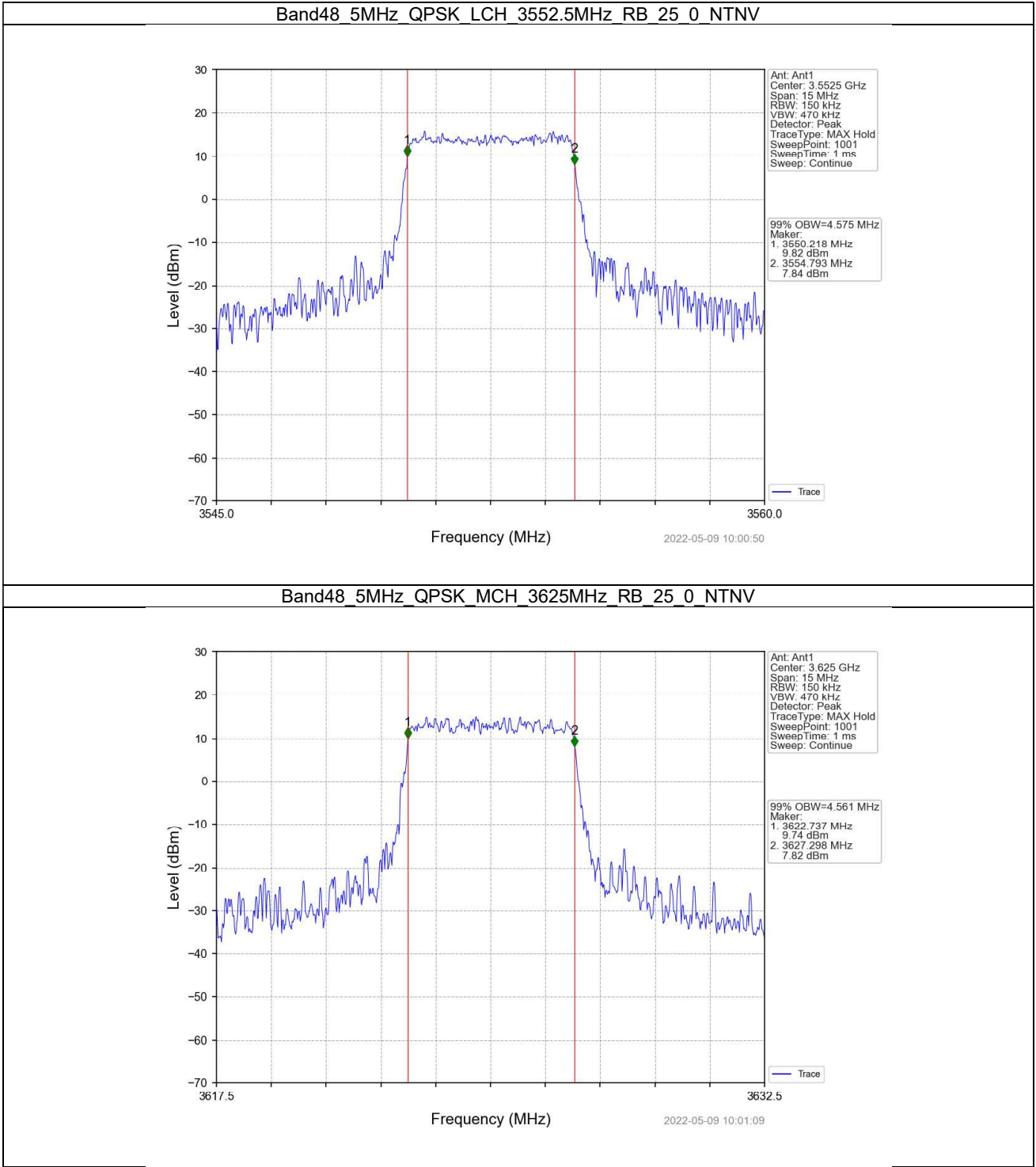
4. 99% & 26dB Bandwidth

4.1 Band48_OBW

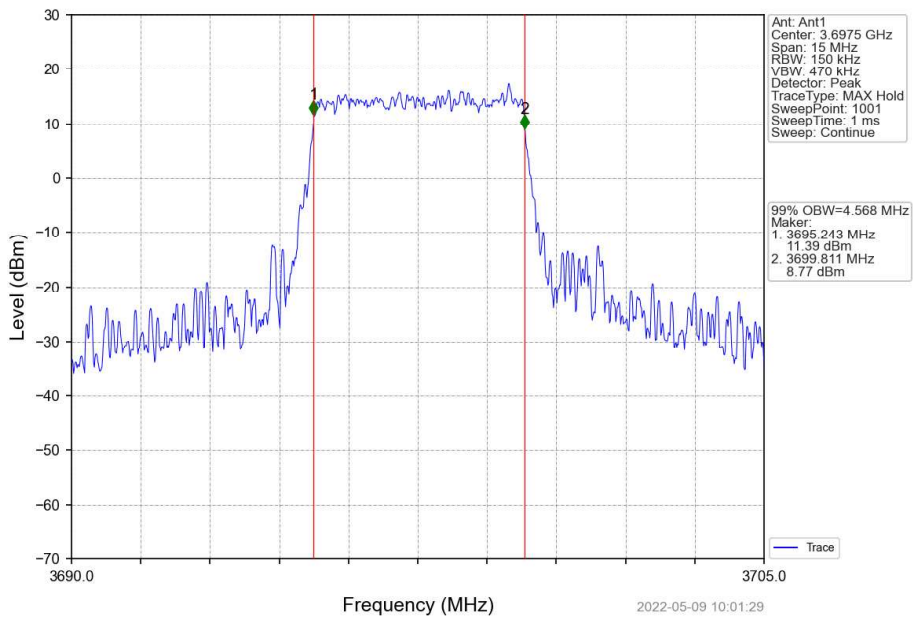
4.1.1 Test Result

report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked
report_checked	report_checked	report_checked	report_checked	report_checked	99% Occupied Bandwidth (MHz)	report_checked
report_checked	report_checked	report_checked	Size	Offset	Result	report_checked
report_checked	report_checked	3552.5	25	0	4.575	Pass
report_checked	report_checked	3625	25	0	4.561	Pass
report_checked	report_checked	3697.5	25	0	4.568	Pass
report_checked	report_checked	3552.5	25	0	4.569	Pass
report_checked	report_checked	3625	25	0	4.567	Pass
report_checked	report_checked	3697.5	25	0	4.554	Pass
report_checked	report_checked	3555	50	0	9.090	Pass
report_checked	report_checked	3625	50	0	9.043	Pass
report_checked	report_checked	3695	50	0	9.051	Pass
report_checked	report_checked	3555	50	0	9.115	Pass
report_checked	report_checked	3625	50	0	9.064	Pass
report_checked	report_checked	3695	50	0	9.074	Pass
report_checked	report_checked	3557.5	75	0	13.638	Pass
report_checked	report_checked	3625	75	0	13.576	Pass
report_checked	report_checked	3692.5	75	0	13.615	Pass
report_checked	report_checked	3557.5	75	0	13.617	Pass
report_checked	report_checked	3625	75	0	13.550	Pass
report_checked	report_checked	3692.5	75	0	13.629	Pass
report_checked	report_checked	3560	100	0	18.155	Pass
report_checked	report_checked	3625	100	0	18.066	Pass
report_checked	report_checked	3690	100	0	18.045	Pass
report_checked	report_checked	3560	100	0	18.125	Pass
report_checked	report_checked	3625	100	0	18.171	Pass
report_checked	report_checked	3690	100	0	18.082	Pass

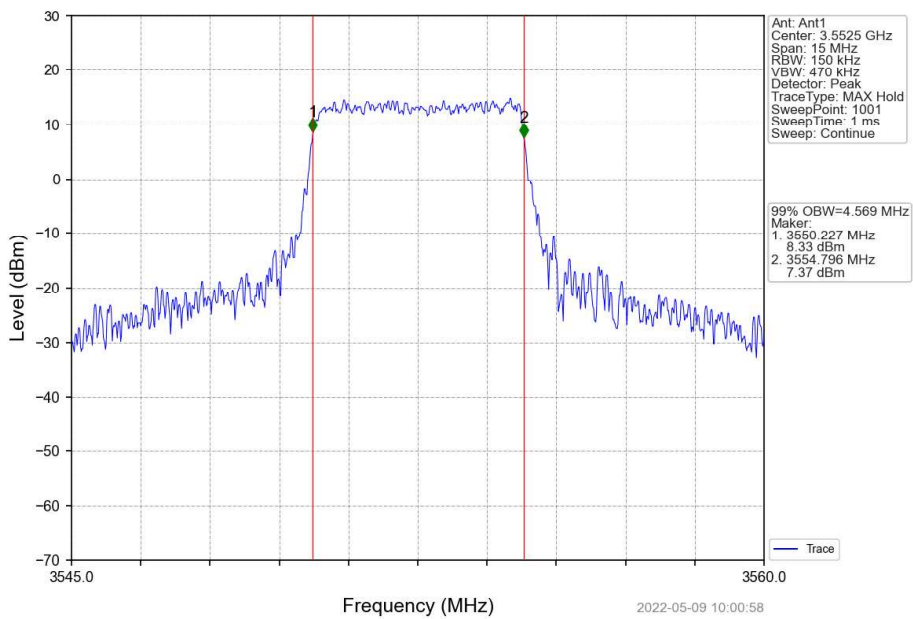
4.1.2 Test Graph



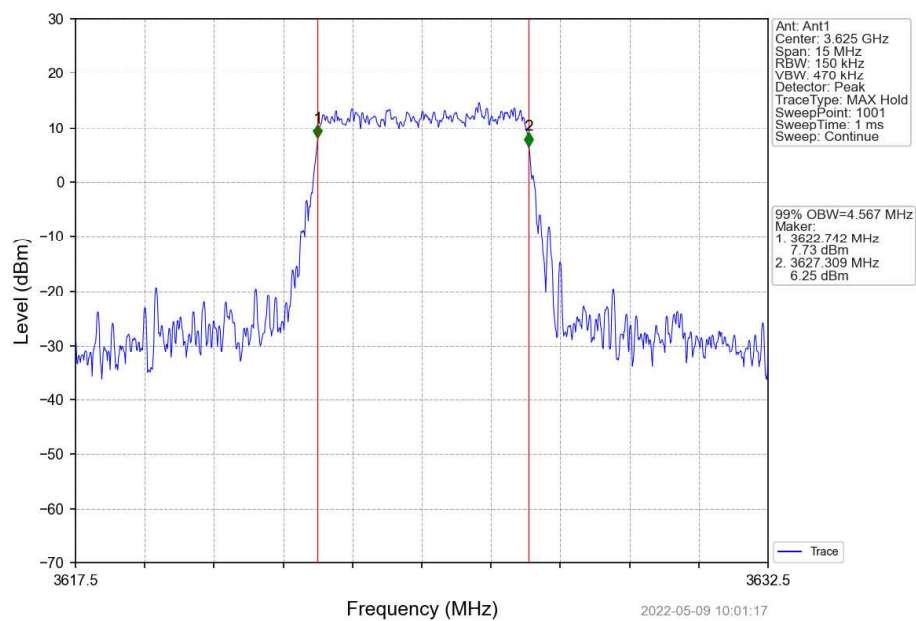
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_25_0_NTNV



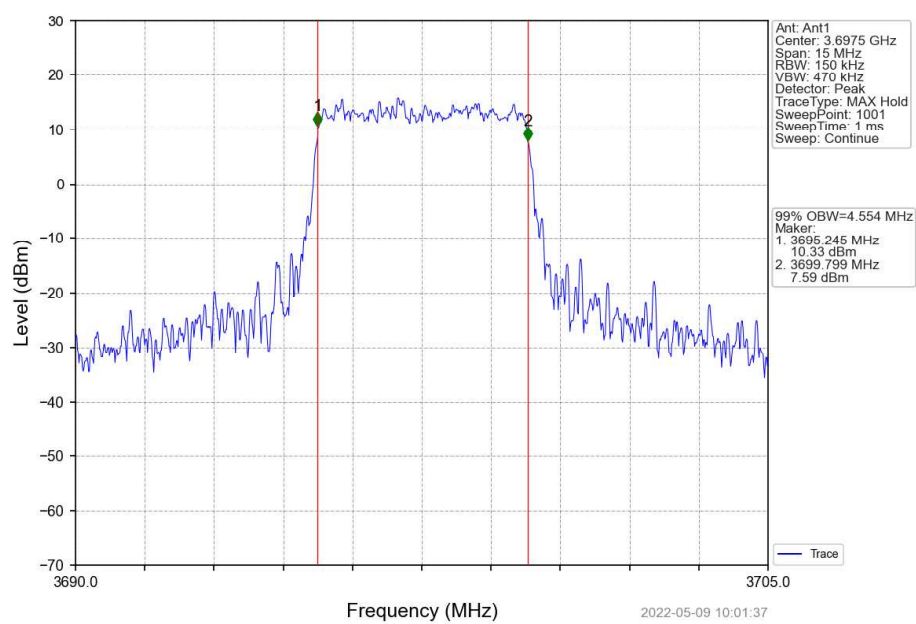
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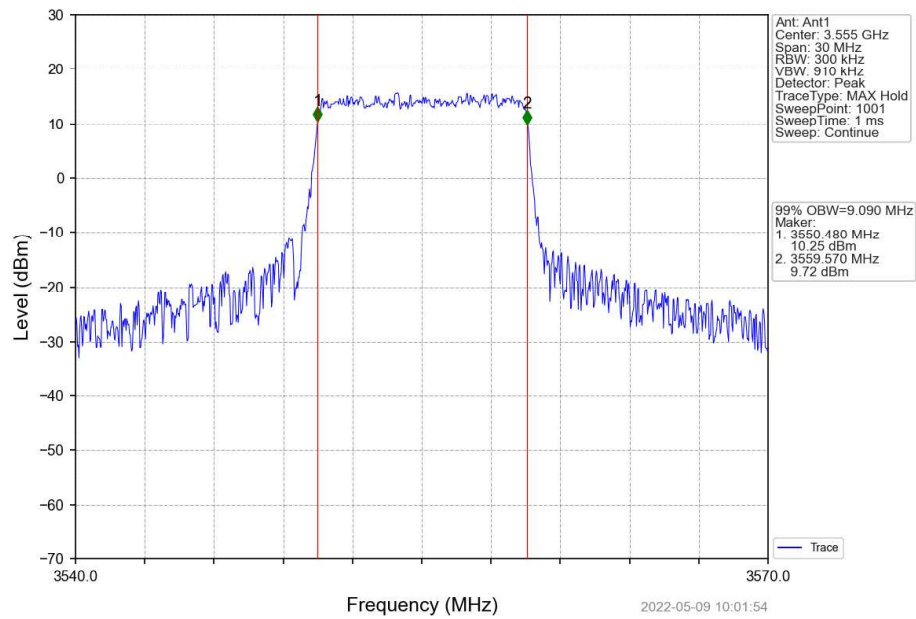
Band48_5MHz_16QAM_MCH_3625MHz_RB_25_0_NTNV



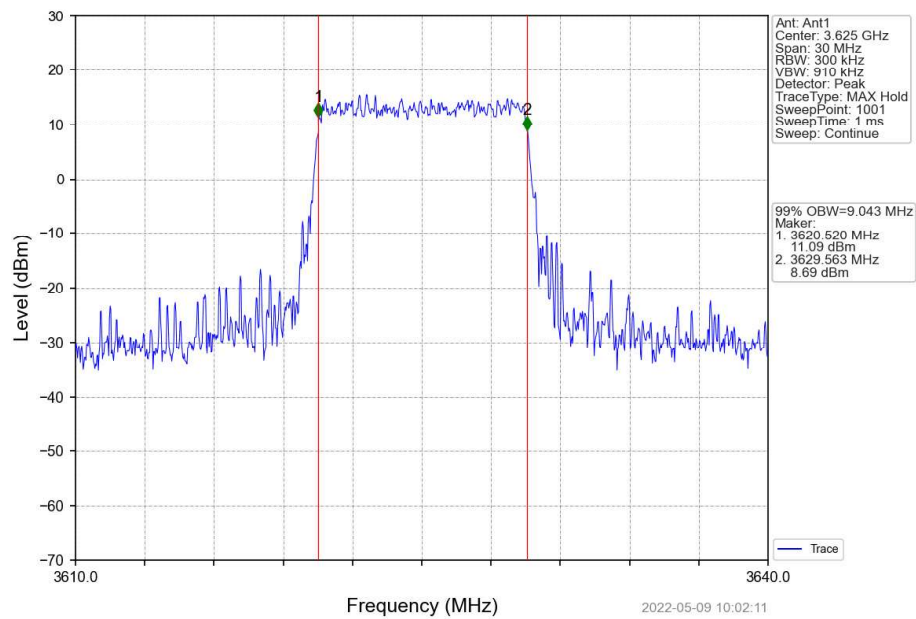
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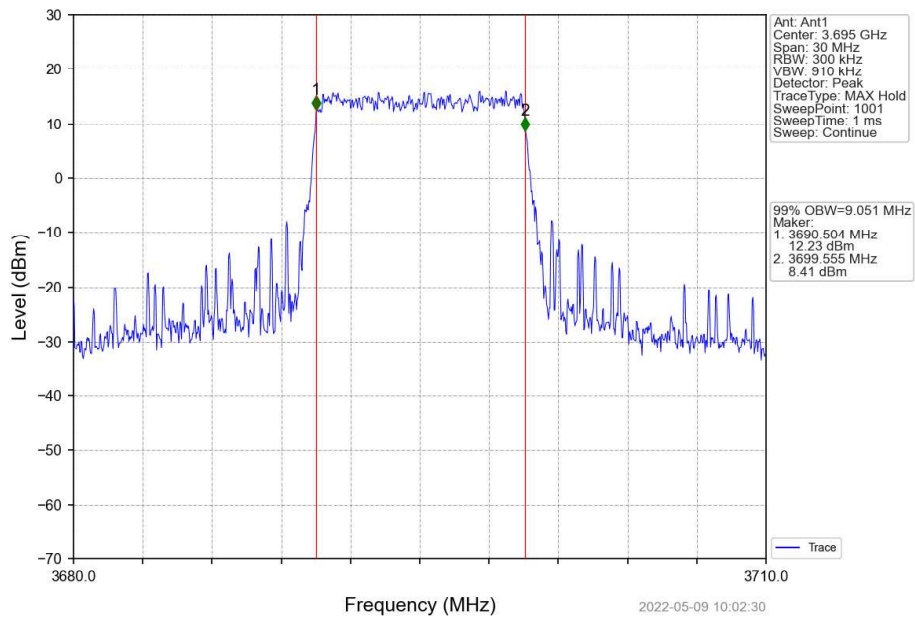
Band48_10MHz_QPSK_LCH_3555MHz_RB_50_0_NTNV



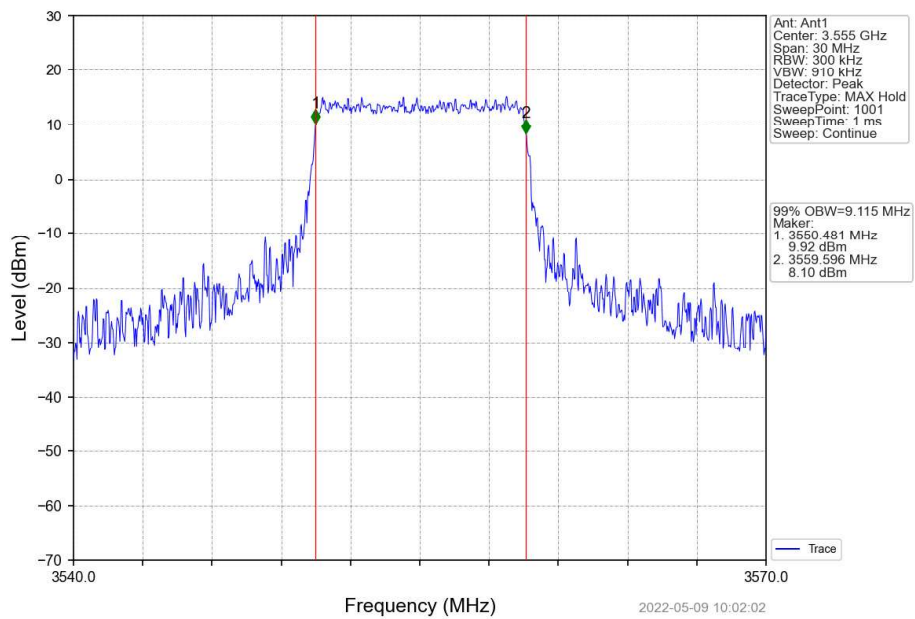
Band48_10MHz_QPSK_MCH_3625MHz_RB_50_0_NTNV



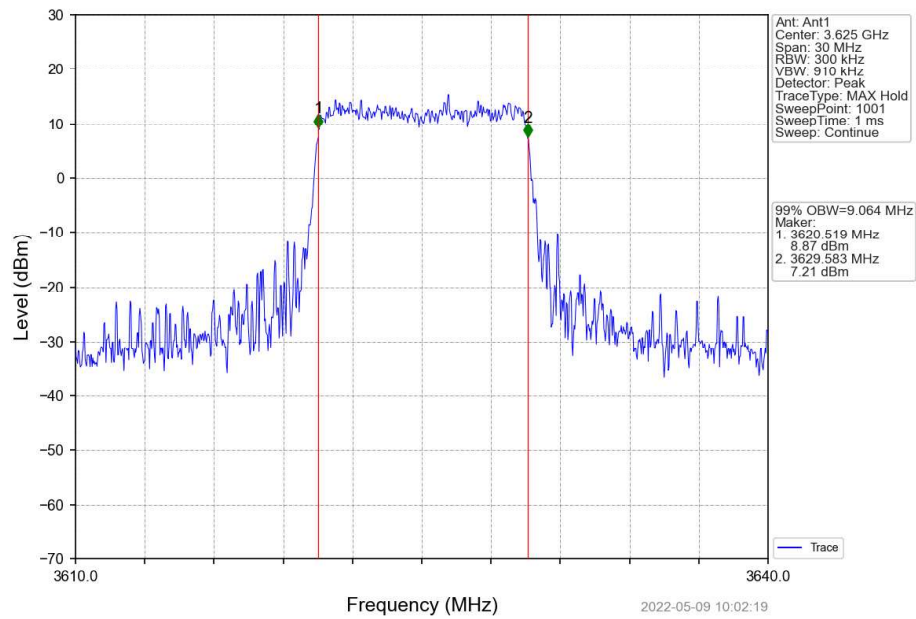
Band48_10MHz_QPSK_HCH_3695MHz_RB_50_0_NTNV



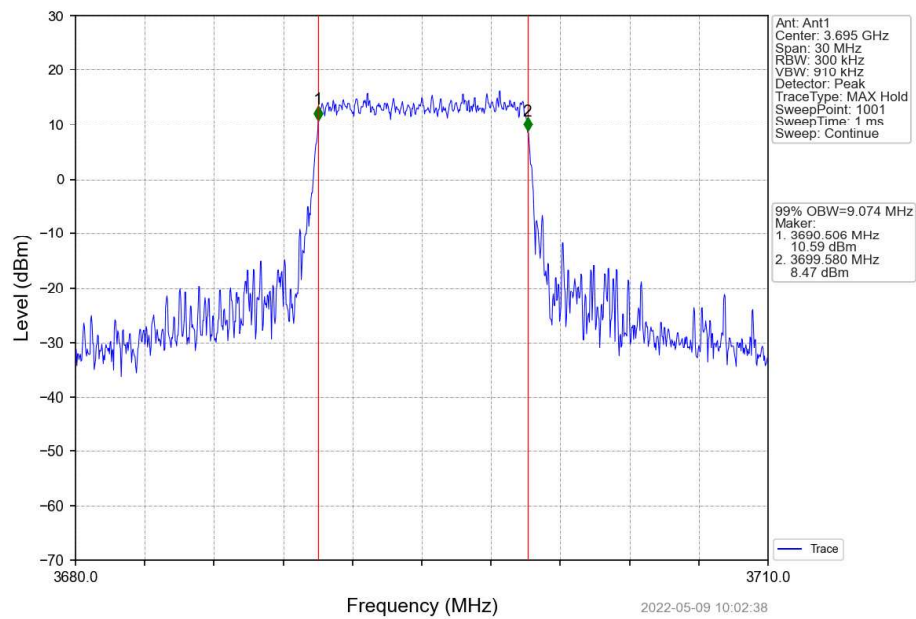
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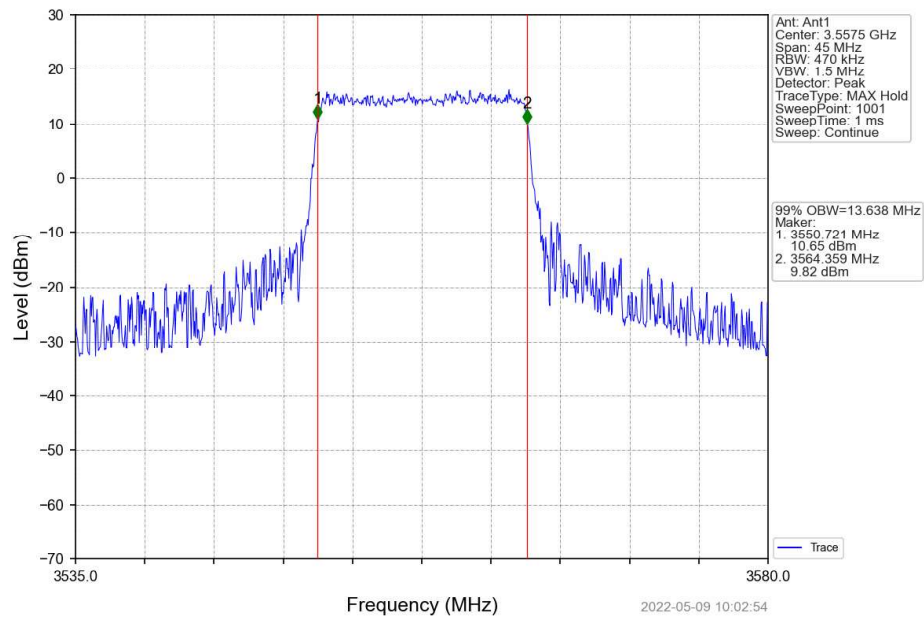
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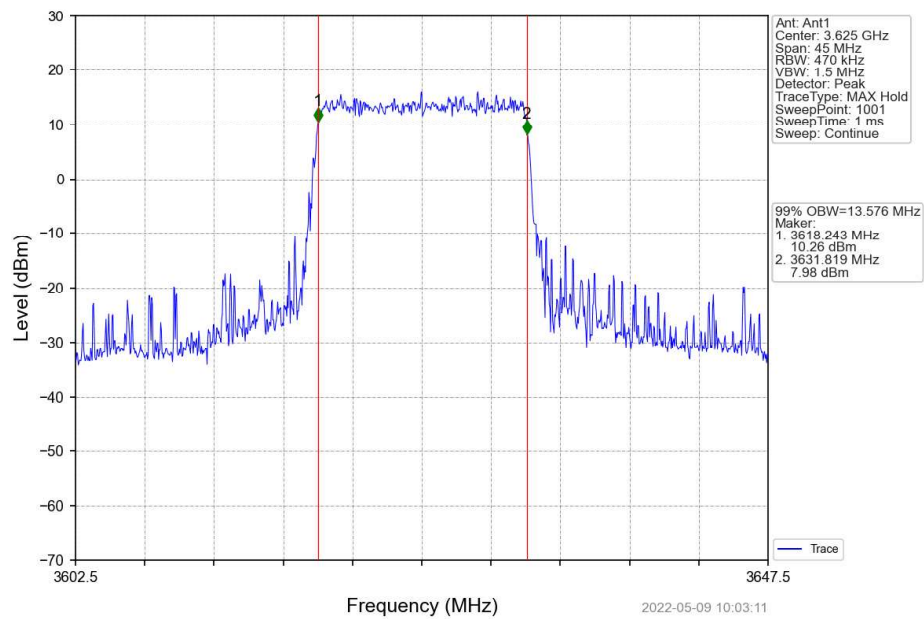
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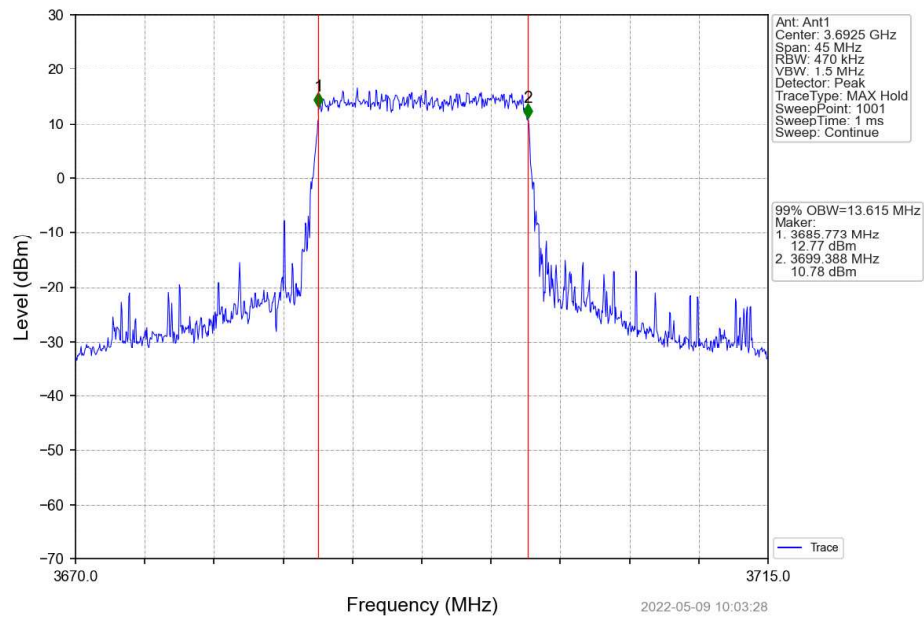
Band48_15MHz_QPSK_LCH_3557.5MHz_RB_75_0_NTNV



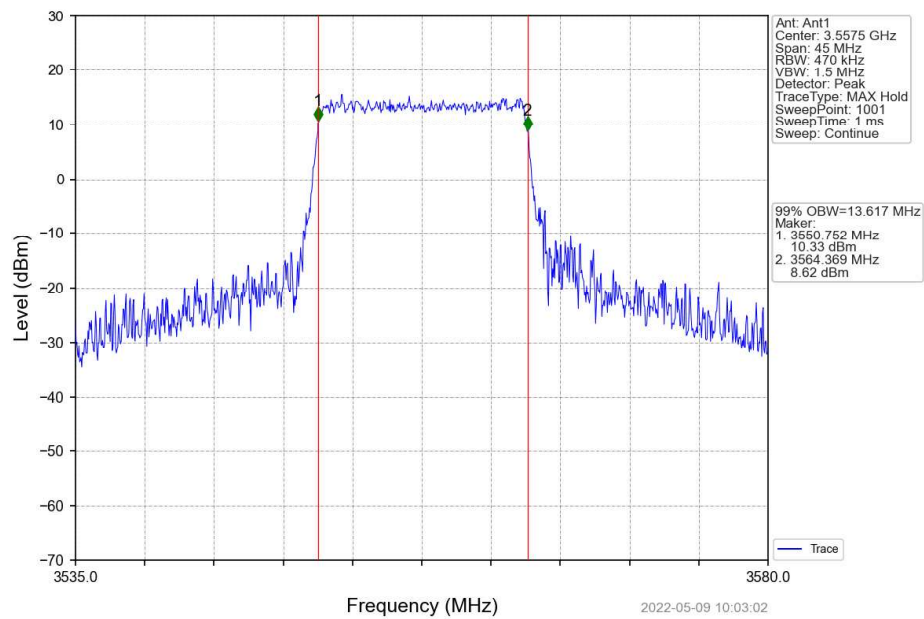
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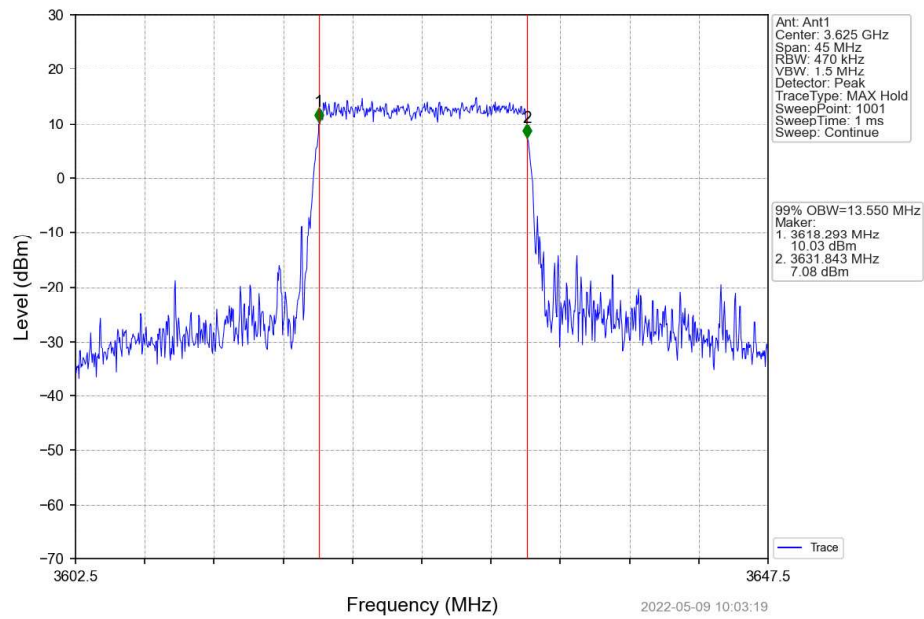
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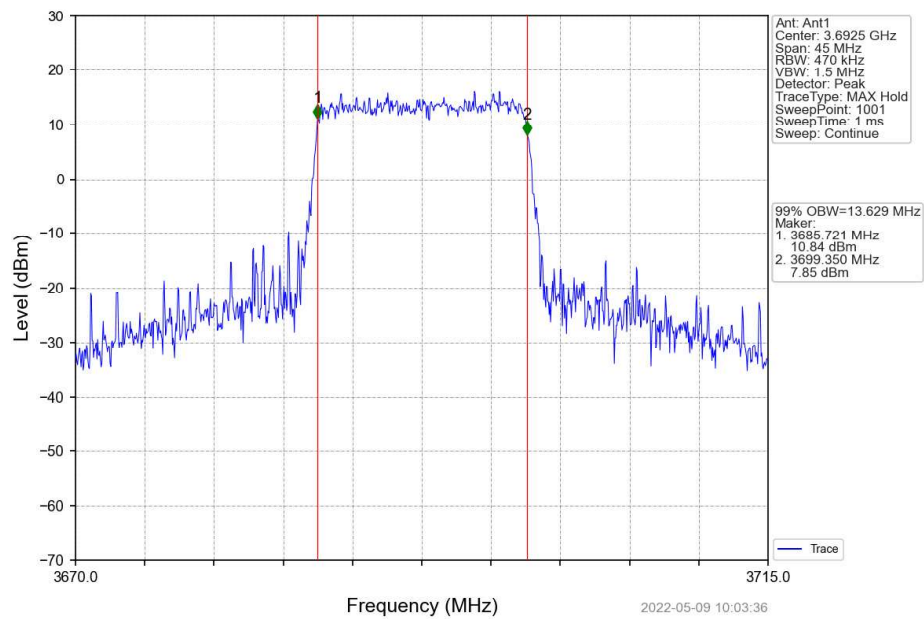
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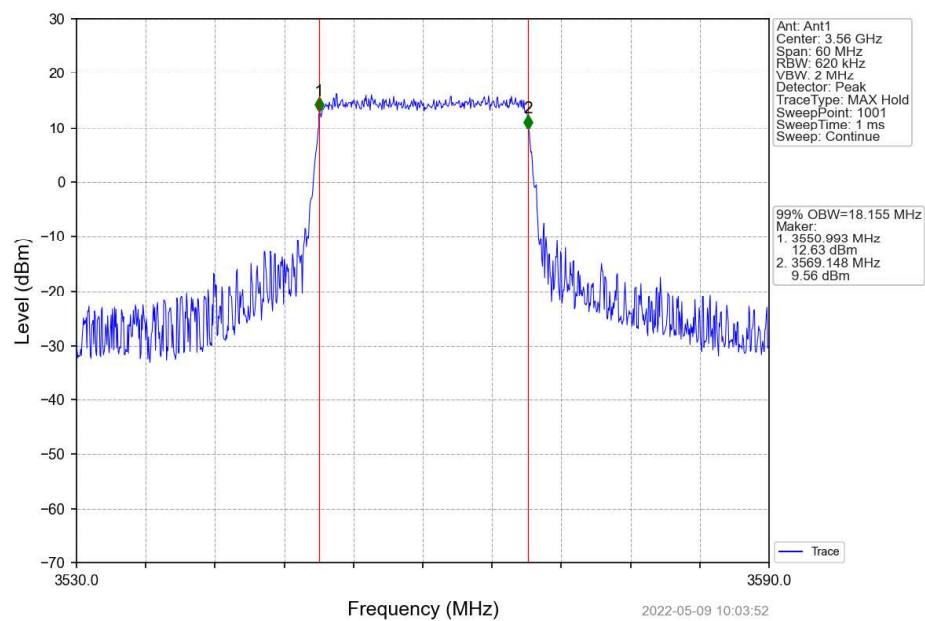
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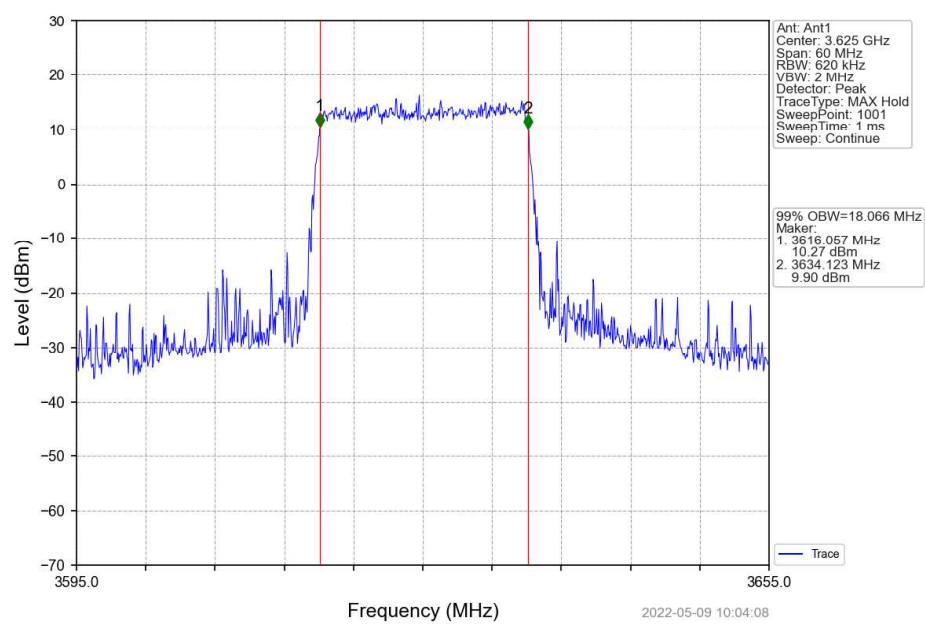
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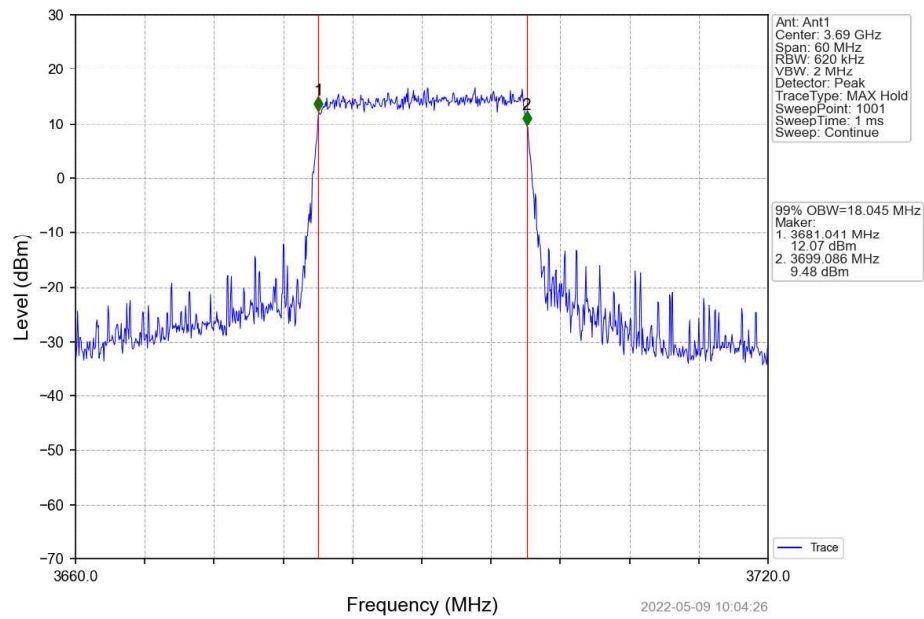
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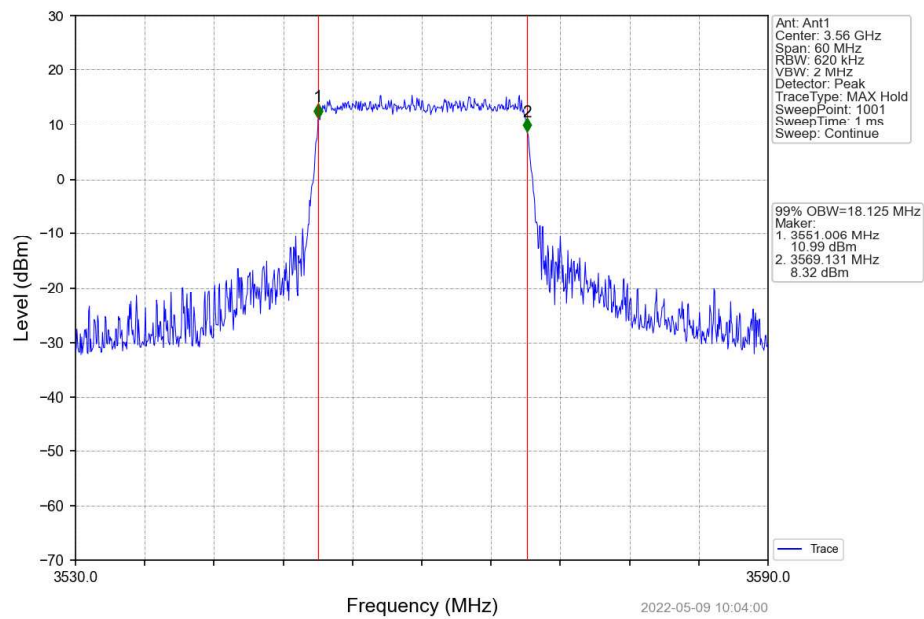
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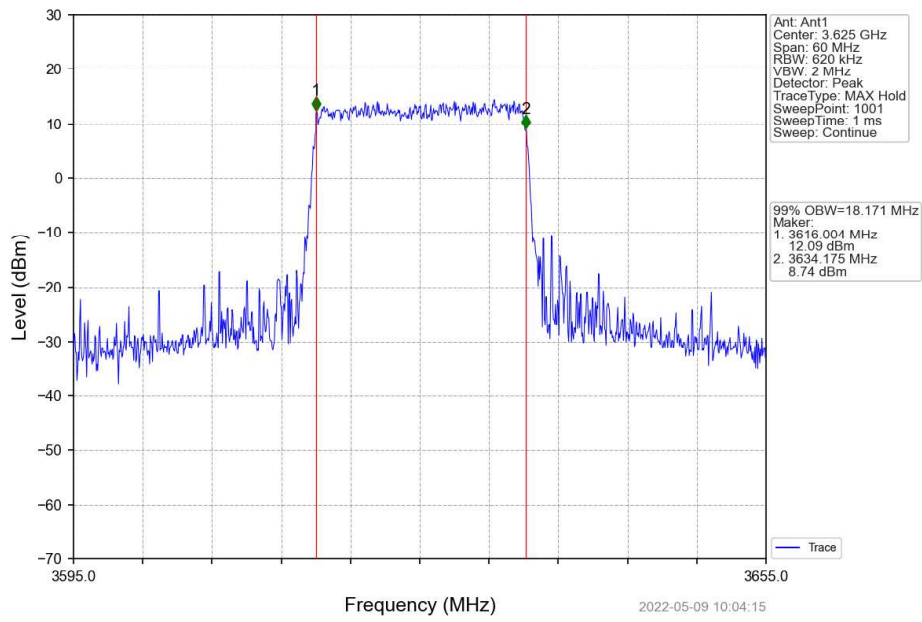
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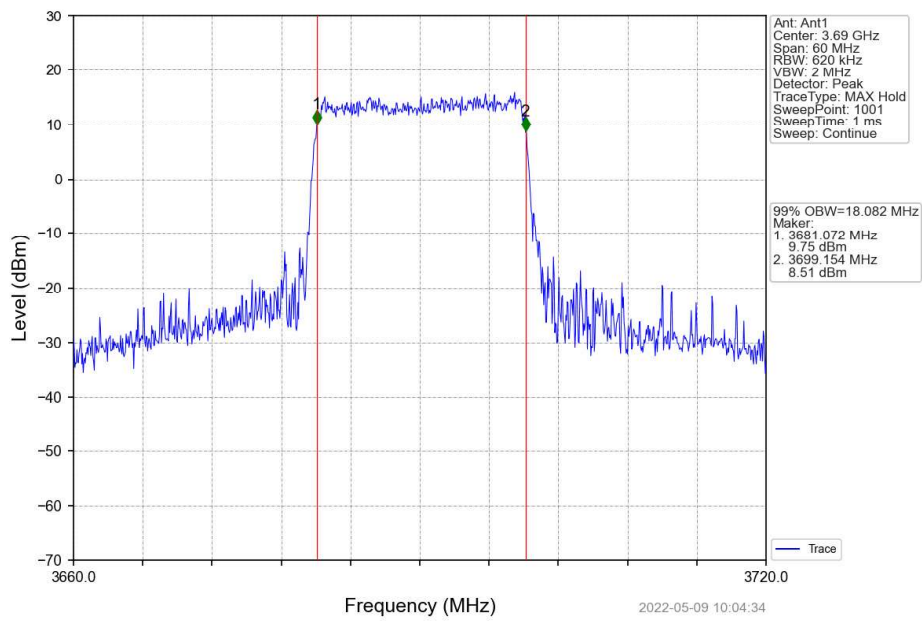
Band48_20MHz_16QAM_LCH_3560MHz_RB_100_0_NTNV



Band48_20MHz_16QAM_MCH_3625MHz_RB_100_0_NTNV



Band48_20MHz_16QAM_HCH_3690MHz_RB_100_0_NTNV

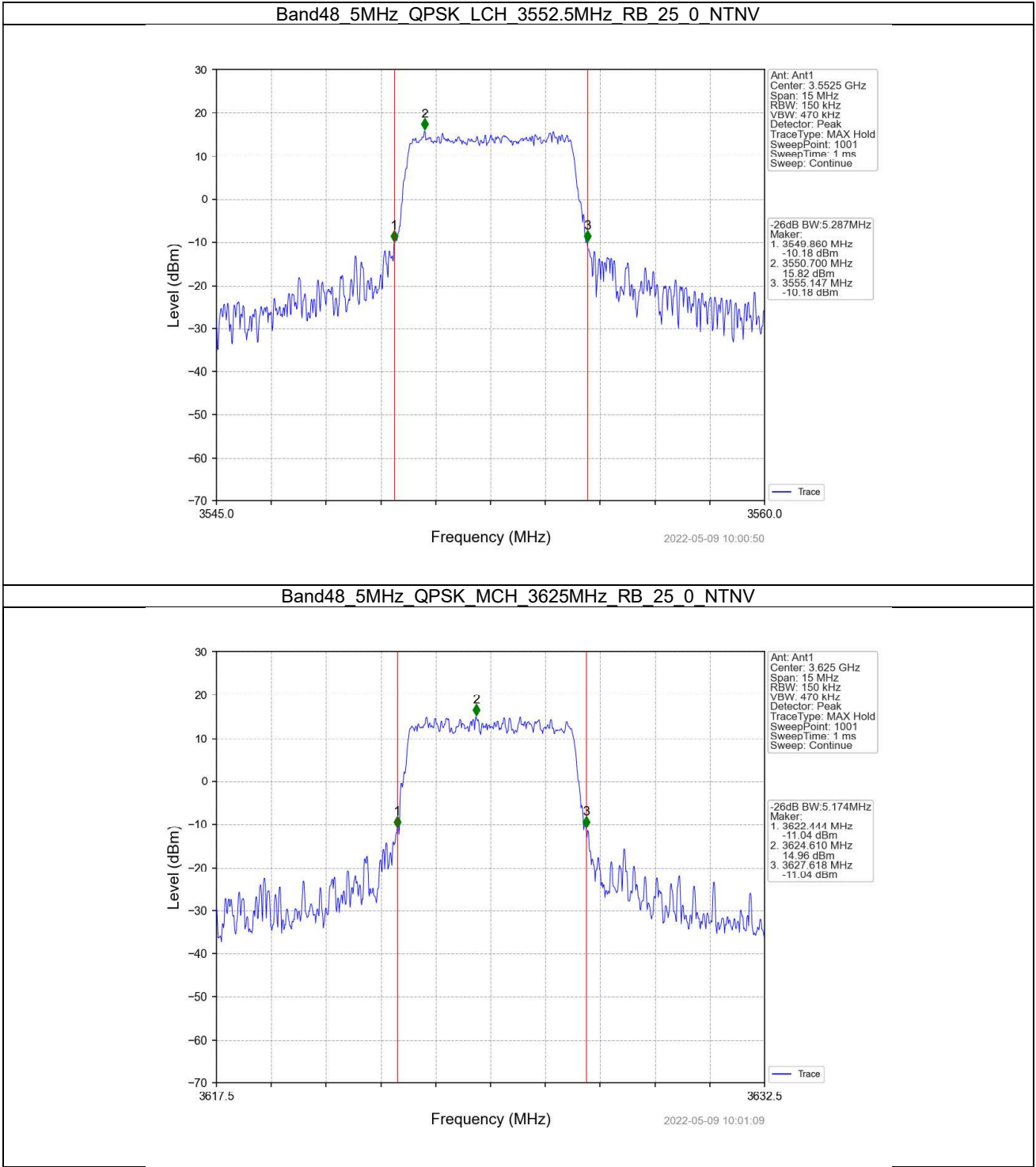


4.2 Band48_XDB

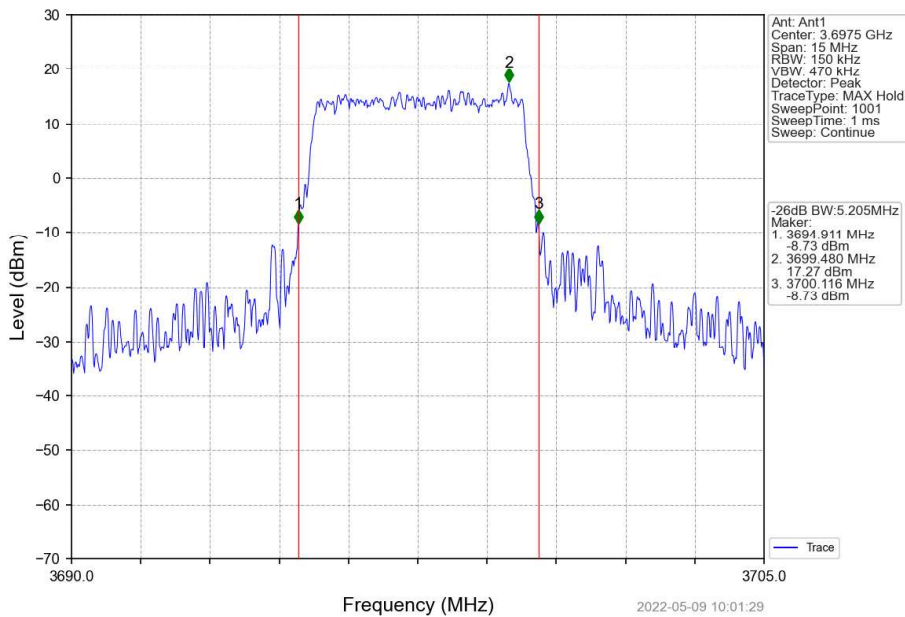
4.2.1 Test Result

report checked	report checked	report checked	report checked	report checked	report checked	report checked
report checked	report checked	report checked	report checked	report checked	26dB Bandwidth (MHz)	report checked
report checked	report checked	report checked	Size	Offset	Result	report checked
report checked	report checked	3552.5	25	0	5.287	Pass
report checked	report checked	3625	25	0	5.174	Pass
report checked	report checked	3697.5	25	0	5.205	Pass
report checked	report checked	3552.5	25	0	5.707	Pass
report checked	report checked	3625	25	0	5.421	Pass
report checked	report checked	3697.5	25	0	5.194	Pass
report checked	report checked	3555	50	0	10.257	Pass
report checked	report checked	3625	50	0	10.632	Pass
report checked	report checked	3695	50	0	11.570	Pass
report checked	report checked	3555	50	0	12.065	Pass
report checked	report checked	3625	50	0	10.827	Pass
report checked	report checked	3695	50	0	10.556	Pass
report checked	report checked	3557.5	75	0	16.696	Pass
report checked	report checked	3625	75	0	14.878	Pass
report checked	report checked	3692.5	75	0	16.584	Pass
report checked	report checked	3557.5	75	0	17.382	Pass
report checked	report checked	3625	75	0	15.512	Pass
report checked	report checked	3692.5	75	0	16.249	Pass
report checked	report checked	3560	100	0	20.761	Pass
report checked	report checked	3625	100	0	19.814	Pass
report checked	report checked	3690	100	0	19.834	Pass
report checked	report checked	3560	100	0	21.447	Pass
report checked	report checked	3625	100	0	21.440	Pass
report checked	report checked	3690	100	0	19.782	Pass

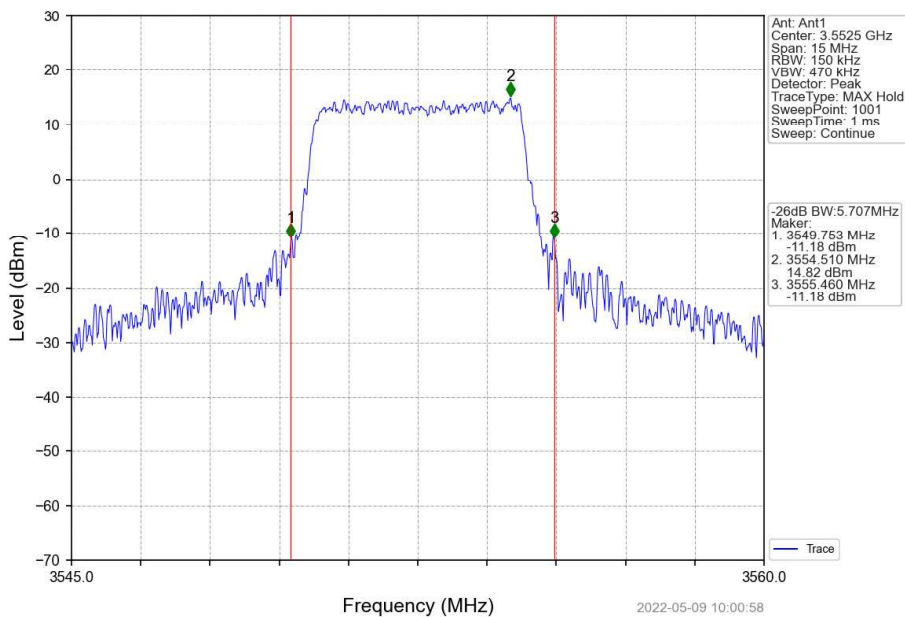
4.2.2 Test Graph



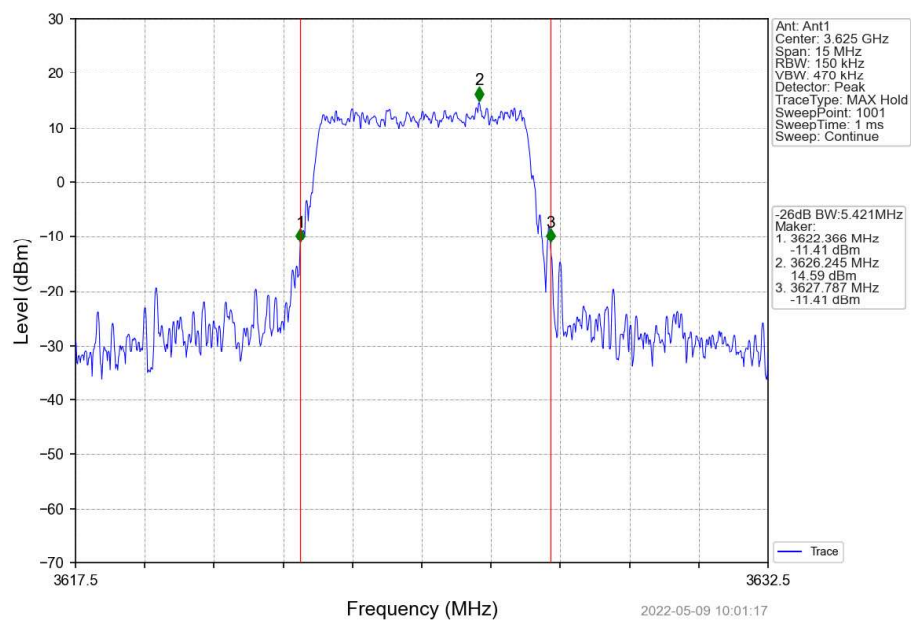
Band48_5MHz_QPSK_HCH_3697.5MHz_RB_25_0_NTNV



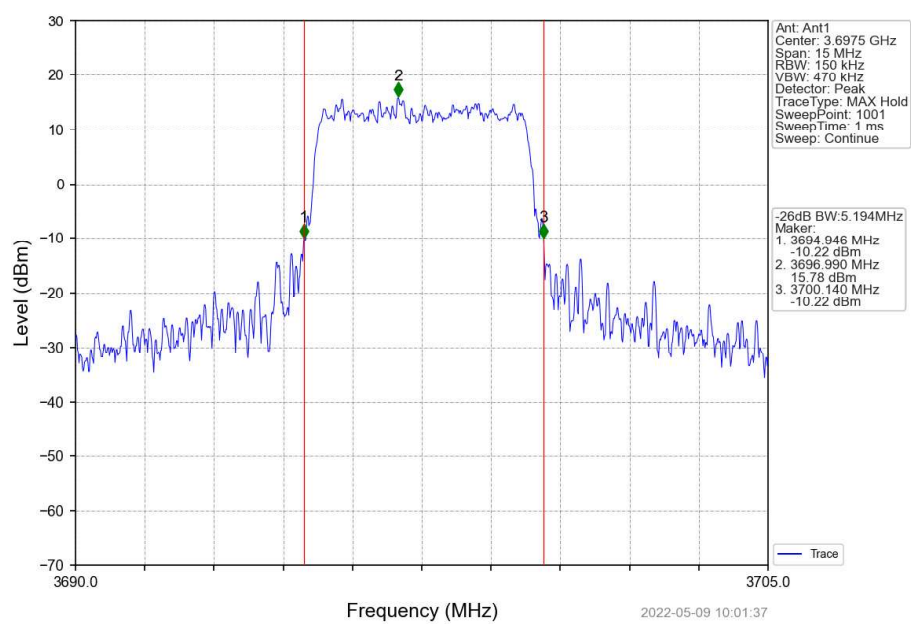
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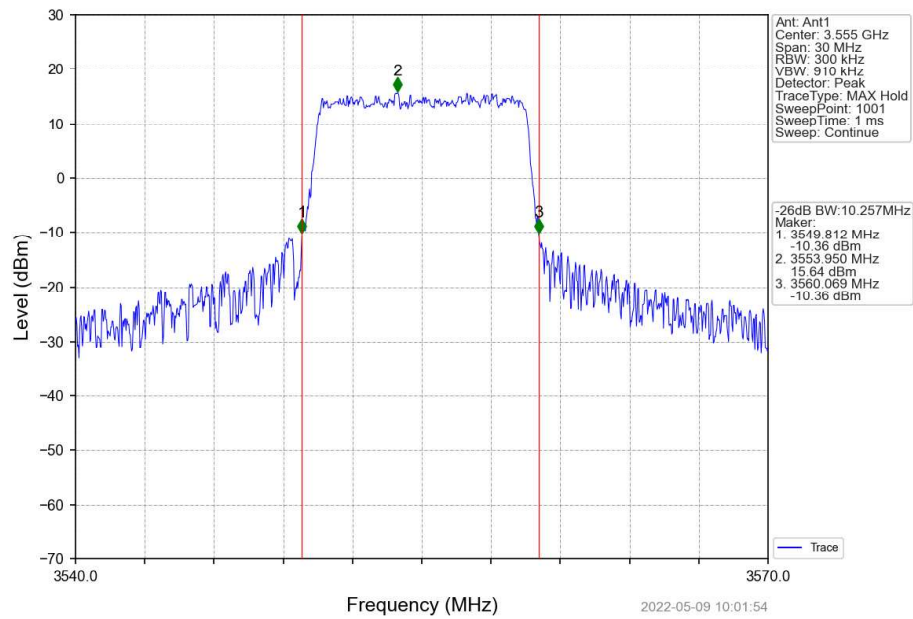
Band48_5MHz_16QAM_MCH_3625MHz_RB_25_0_NTNV



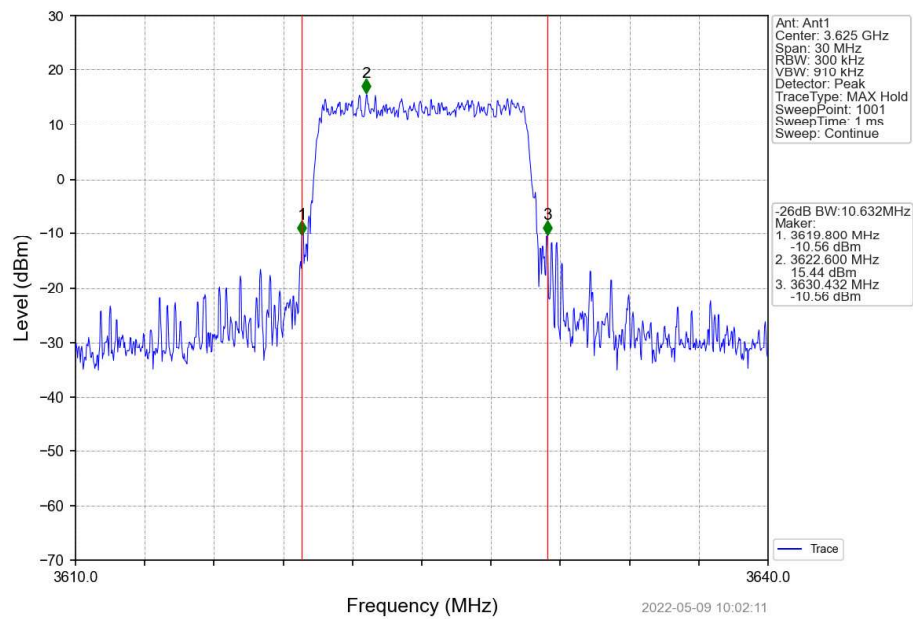
Band48_5MHz_16QAM_HCH_3697.5MHz_RB_25_0_NTNV



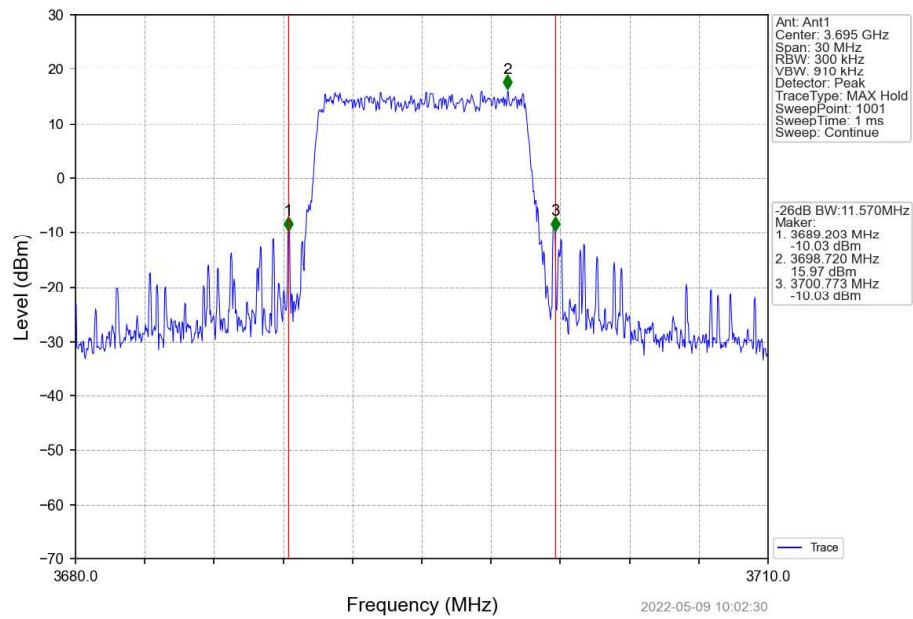
Band48_10MHz_QPSK_LCH_3555MHz_RB_50_0_NTNV



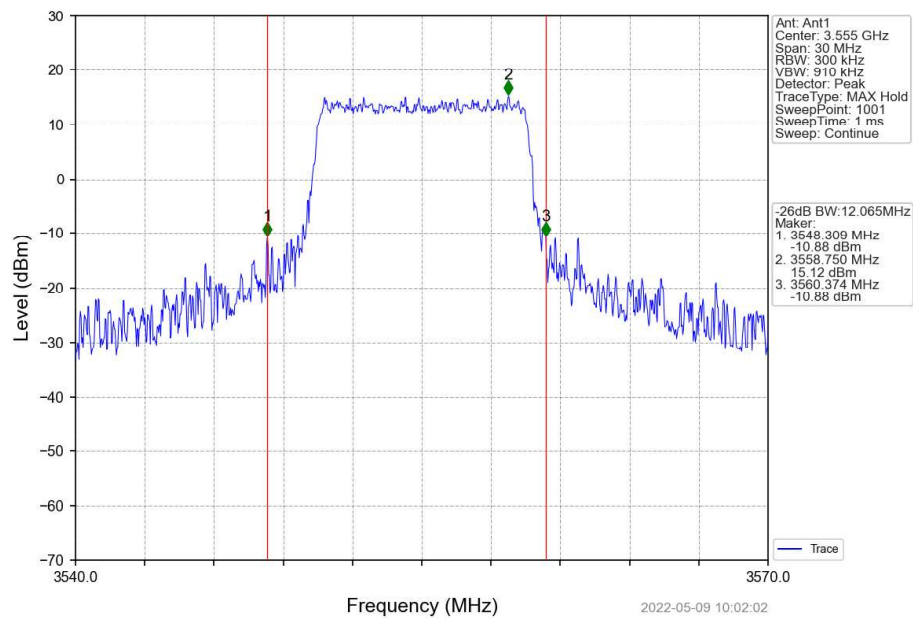
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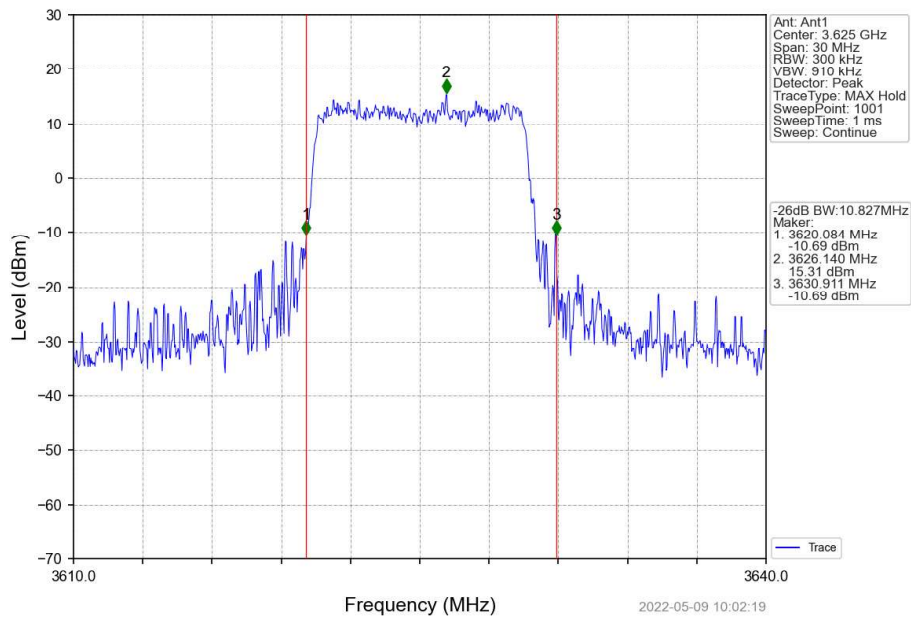
Band48_10MHz_QPSK_HCH_3695MHz_RB_50_0_NTNV



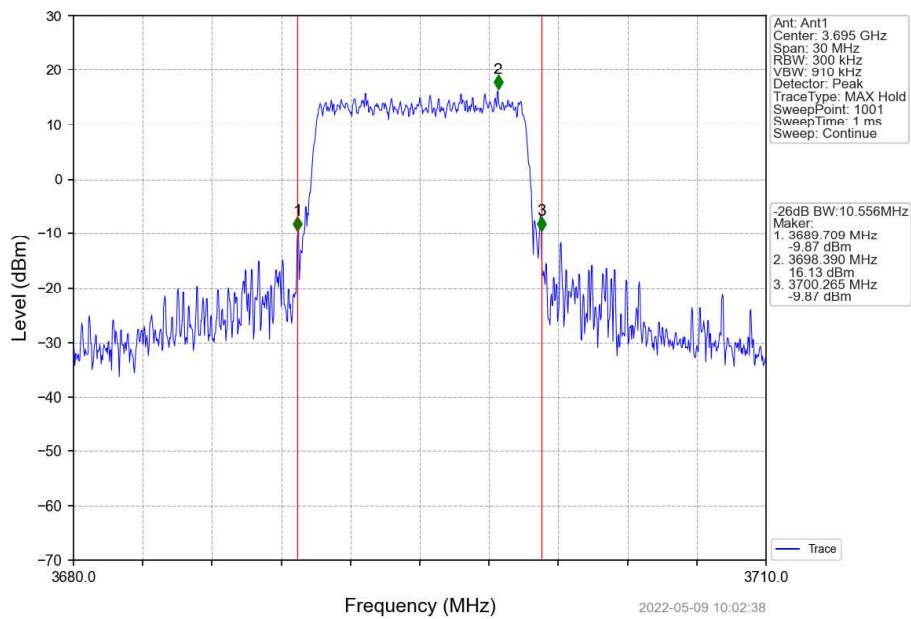
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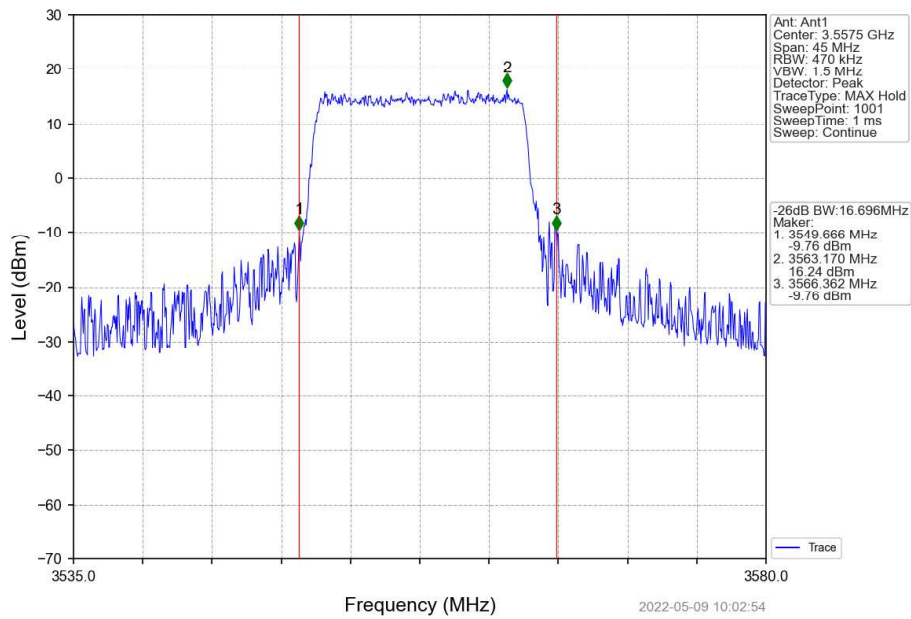
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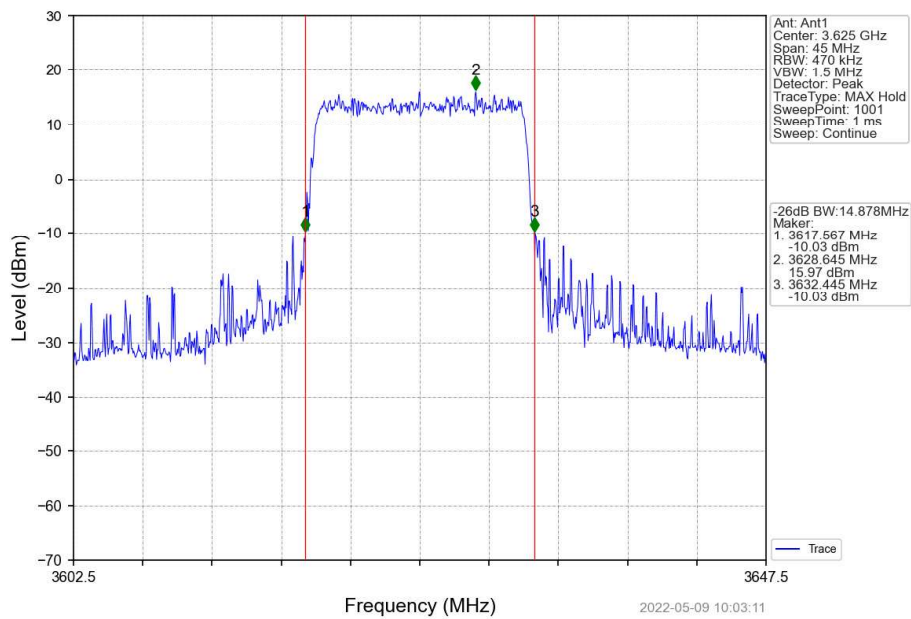
Band48_10MHz_16QAM_HCH_3695MHz_RB_50_0_NTNV



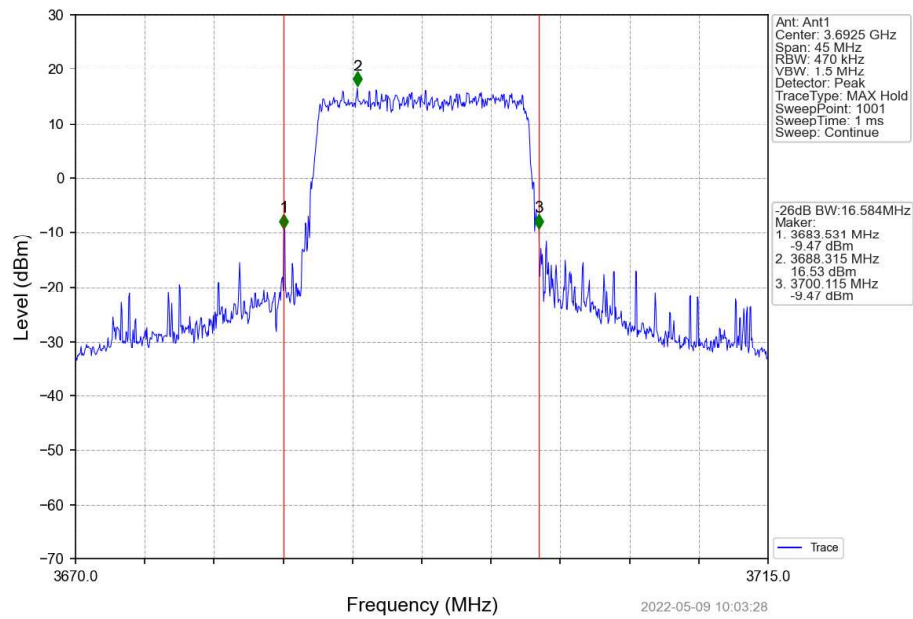
Band48_15MHz_QPSK_LCH_3557.5MHz_RB_75_0_NTNV



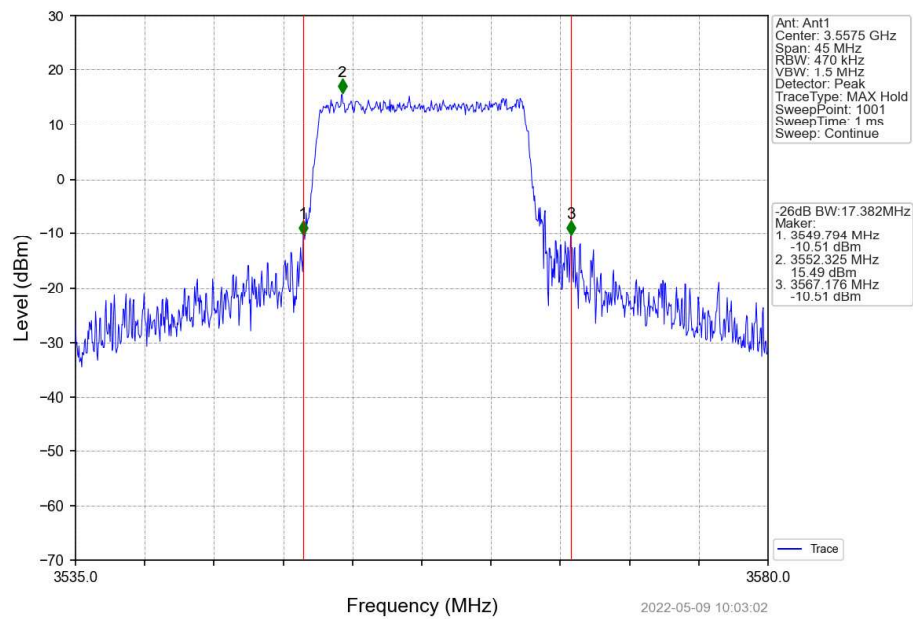
Band48_15MHz_QPSK_MCH_3625MHz_RB_75_0_NTNV



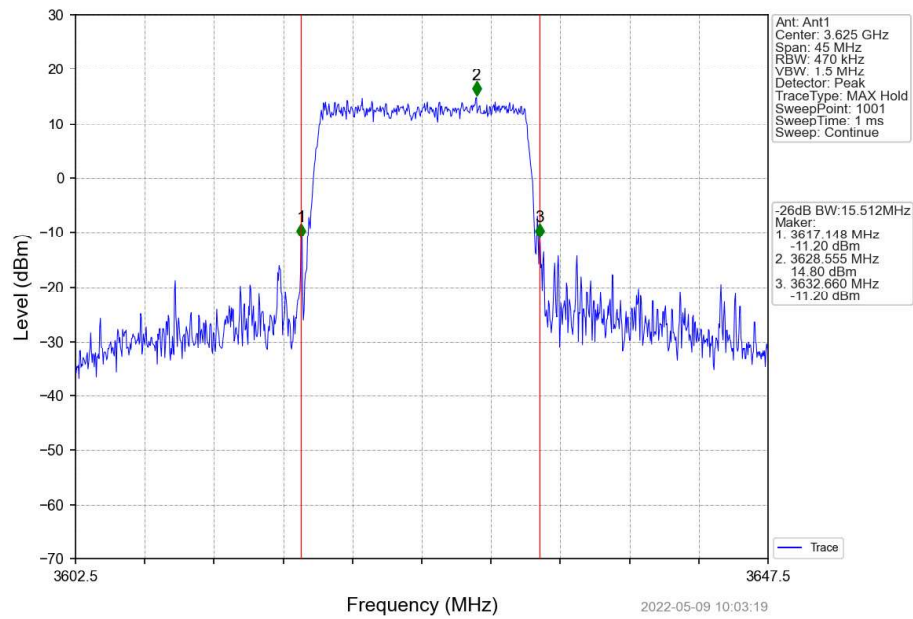
Band48_15MHz_QPSK_HCH_3692.5MHz_RB_75_0_NTNV



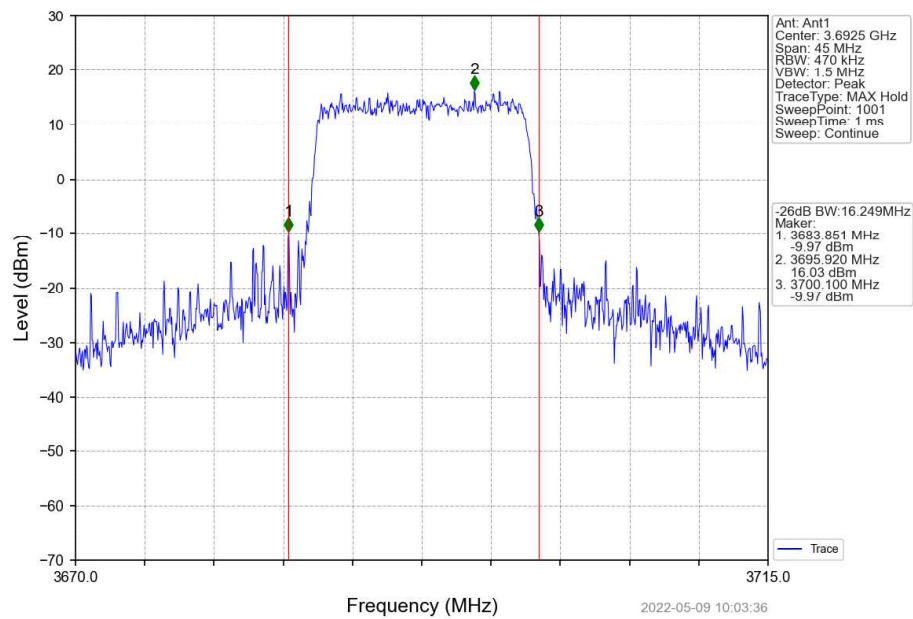
Band48_15MHz_16QAM_LCH_3557.5MHz_RB_75_0_NTNV



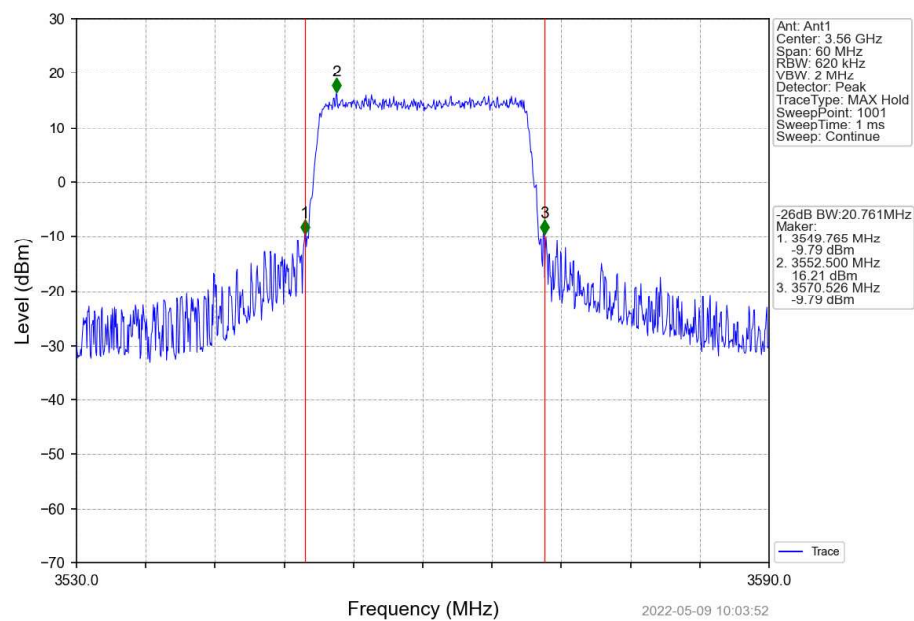
Band48_15MHz_16QAM_MCH_3625MHz_RB_75_0_NTNV



Band48_15MHz_16QAM_HCH_3692.5MHz_RB_75_0_NTNV



Band48_20MHz_QPSK_LCH_3560MHz_RB_100_0_NTNV



Band48_20MHz_QPSK_MCH_3625MHz_RB_100_0_NTNV

