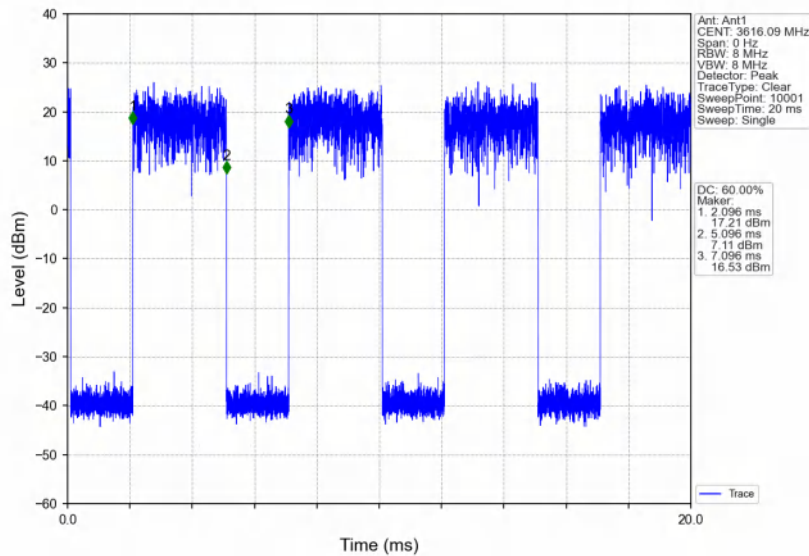
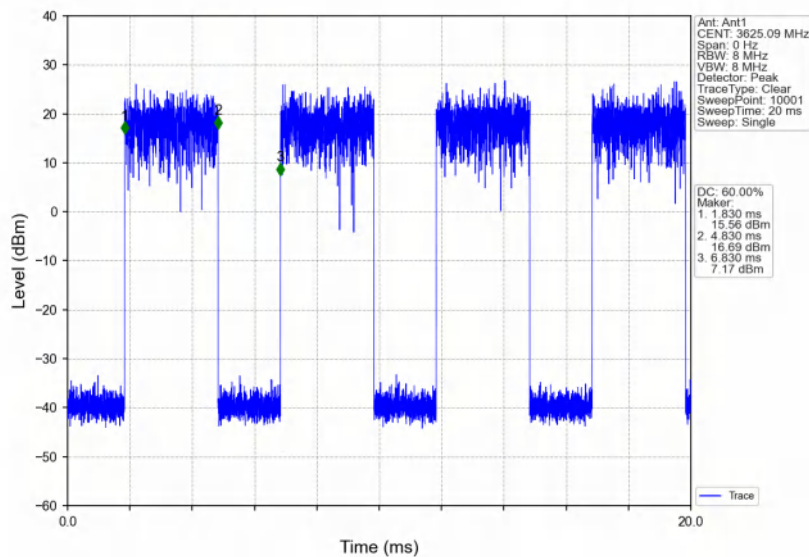


Band48_20MHz_256QAM_MCH_3625MHz_RB_1_0_NTNV



Band48_20MHz_256QAM_MCH_3625MHz_RB_1_50_NTNV

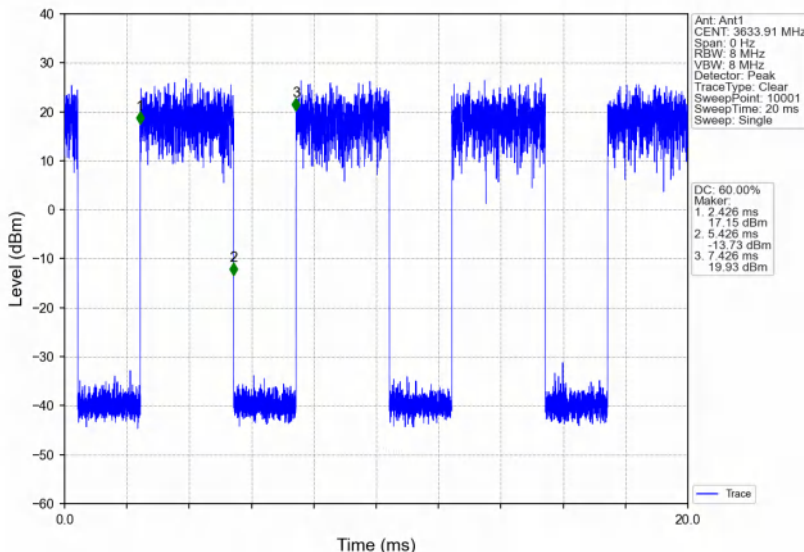


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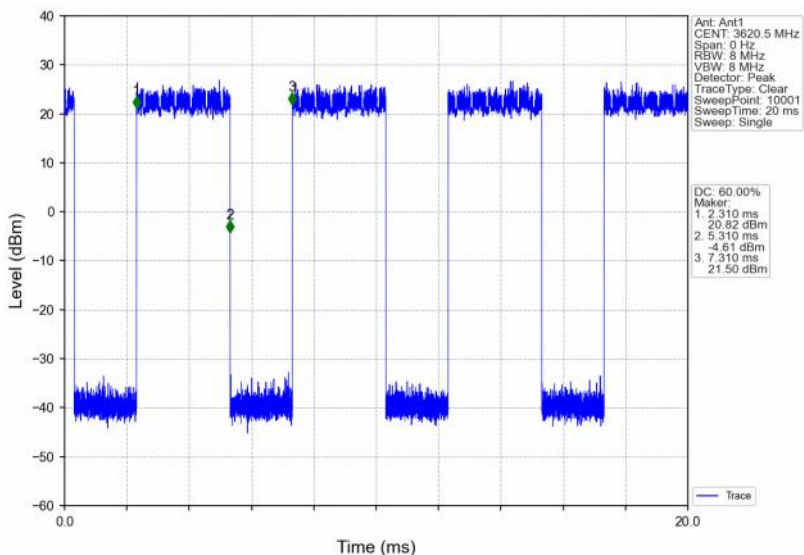
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Band48_20MHz_256QAM_MCH_3625MHz_RB_1_99_NTNV



Band48_20MHz_256QAM_MCH_3625MHz_RB_50_0_NTNV

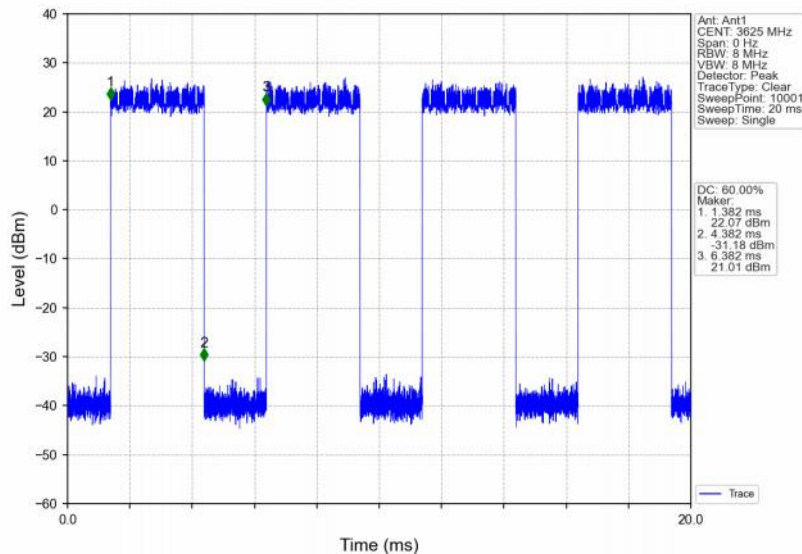


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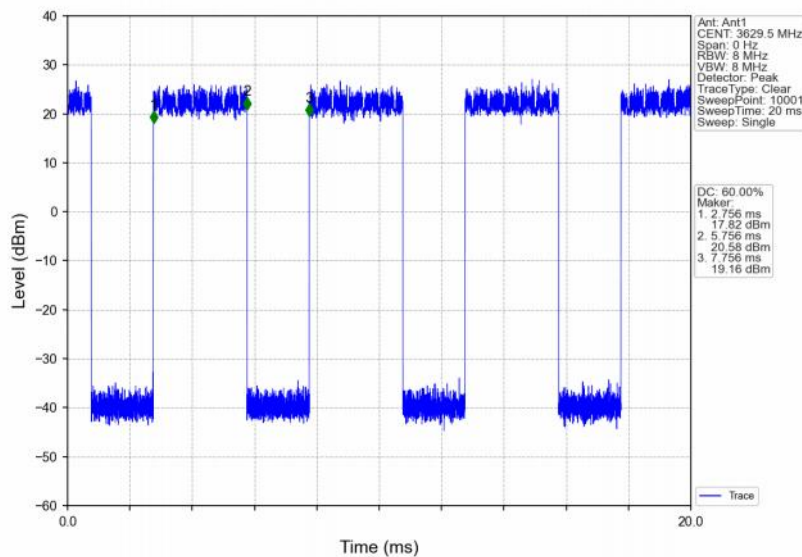
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Band48_20MHz_256QAM_MCH_3625MHz_RB_50_25_NTNV



Band48_20MHz_256QAM_MCH_3625MHz_RB_50_50_NTNV

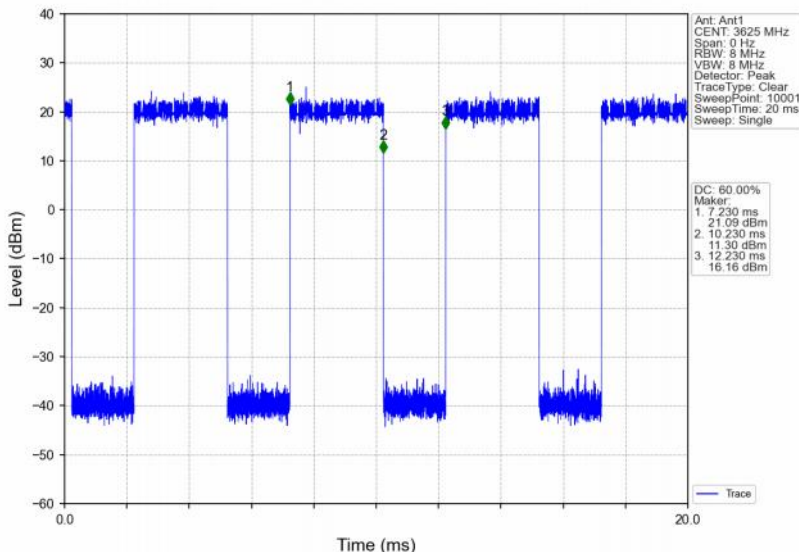


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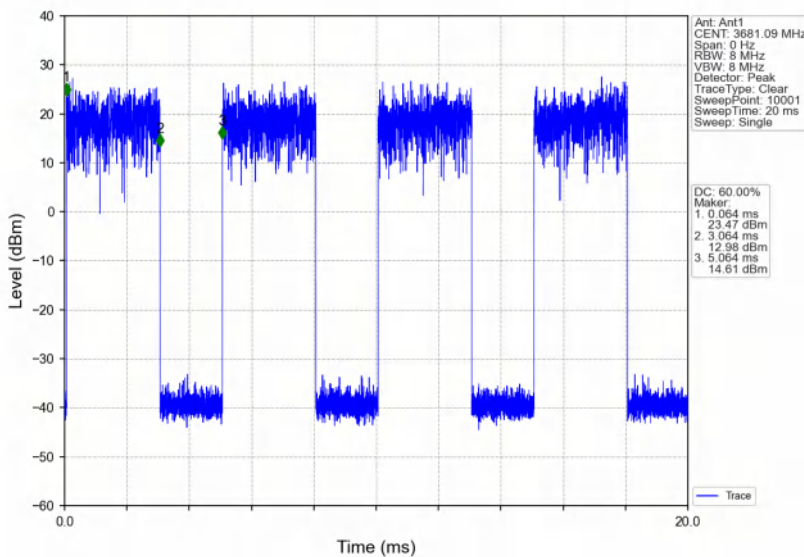
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Band48_20MHz_256QAM_MCH_3625MHz_RB_100_0_NTNV



Band48_20MHz_256QAM_HCH_3690MHz_RB_1_0_NTNV

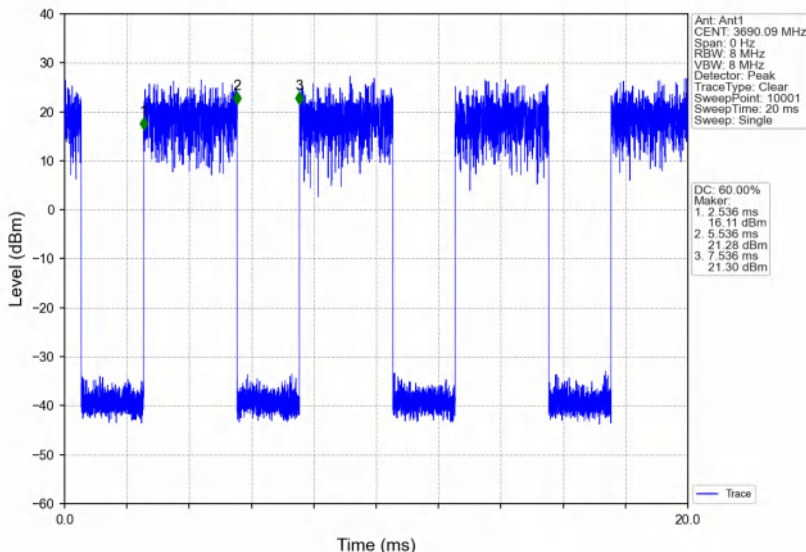


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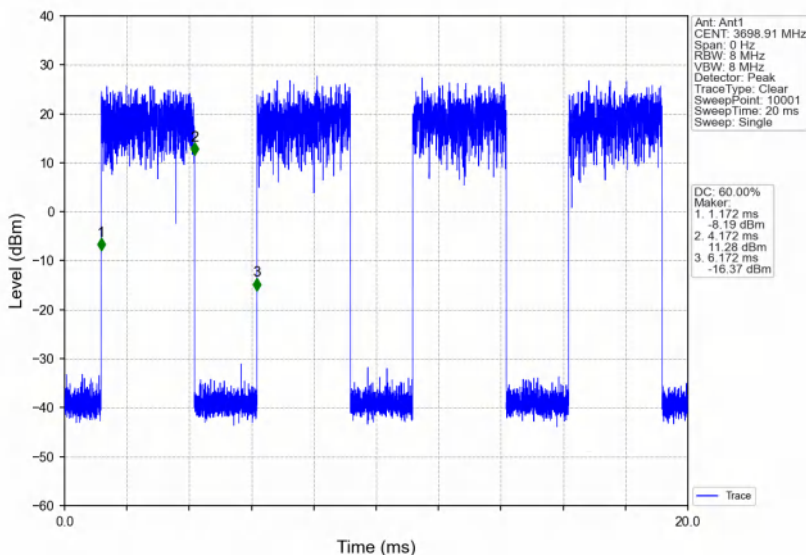
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Band48_20MHz_256QAM_HCH_3690MHz_RB_1_50_NTNV



Band48_20MHz_256QAM_HCH_3690MHz_RB_1_99_NTNV

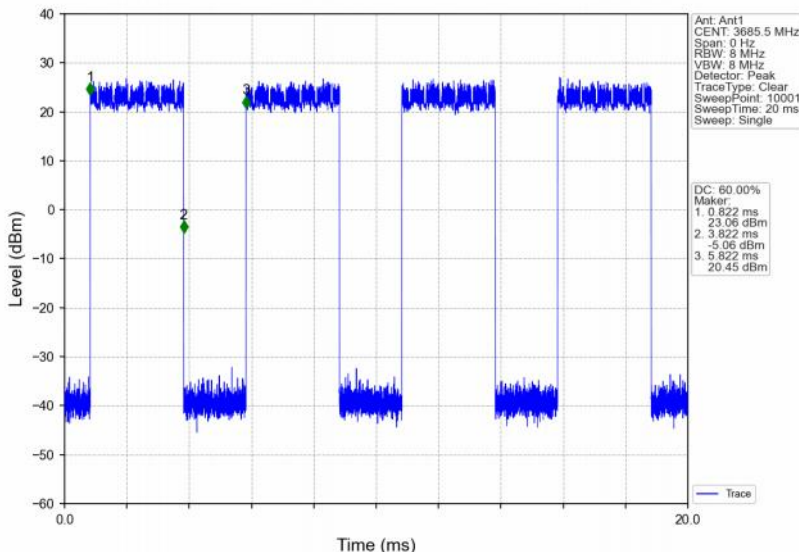


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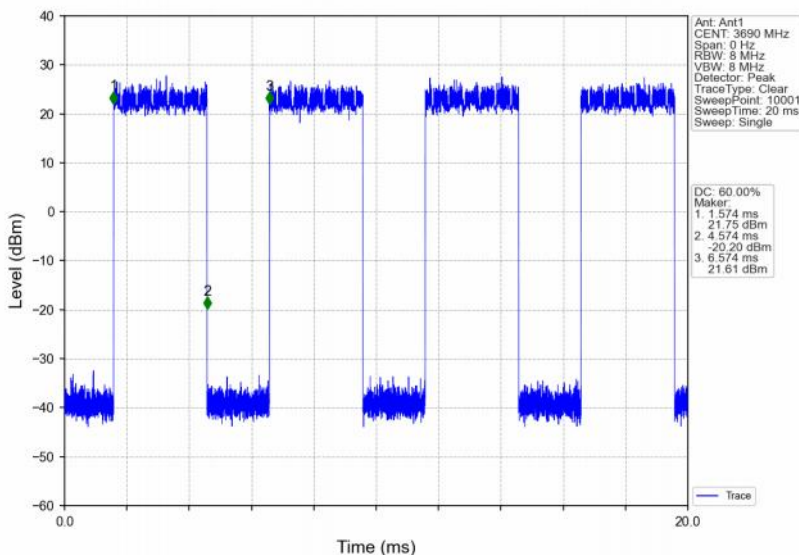
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Band48_20MHz_256QAM_HCH_3690MHz_RB_50_0_NTNV



Band48_20MHz_256QAM_HCH_3690MHz_RB_50_25_NTNV

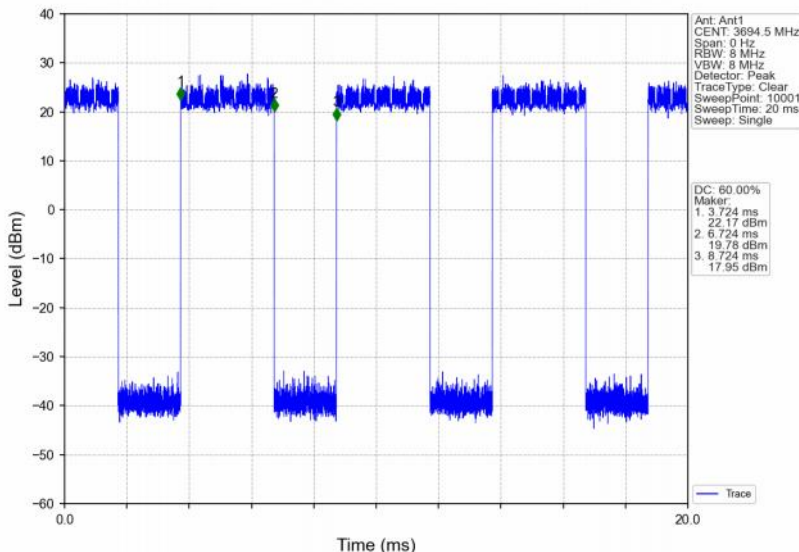


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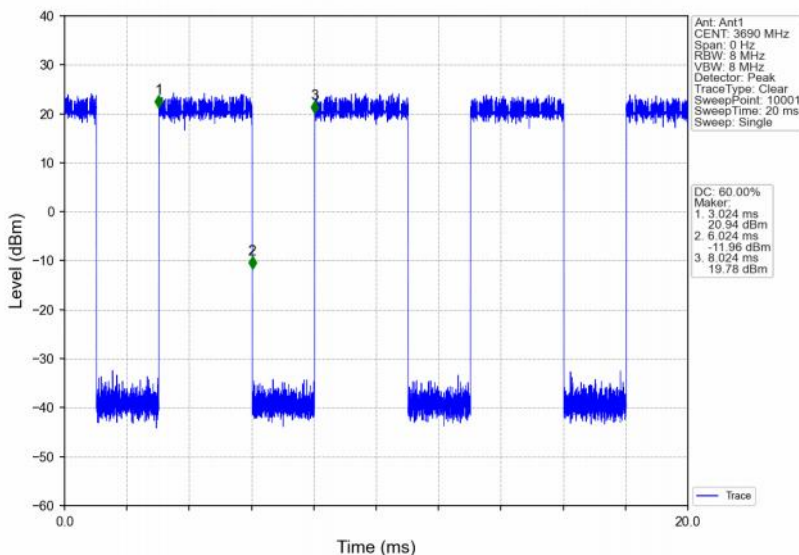
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Band48_20MHz_256QAM_HCH_3690MHz_RB_50_50_NTNV



Band48_20MHz_256QAM_HCH_3690MHz_RB_100_0_NTNV



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2. Effective (Isotropic) Radiated Power Output Data

2.1 B48_5MHz_EIRP

2.1.1 Test Result

Band: 48 / Bandwidth: 5MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dbi)	EIRP (dBm/10MHz)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3552.5	1	0	17.29	3.10	20.39	<=23	Pass		
			13	17.56	3.10	20.66	<=23	Pass		
			24	17.40	3.10	20.50	<=23	Pass		
		12	0	16.57	3.10	19.67	<=23	Pass		
			6	16.47	3.10	19.57	<=23	Pass		
			13	16.46	3.10	19.56	<=23	Pass		
		25	0	16.52	3.10	19.62	<=23	Pass		
		3625	1	0	17.88	3.10	20.98	<=23	Pass	
				13	17.90	3.10	21.00	<=23	Pass	
	24			18.08	3.10	21.18	<=23	Pass		
	12		0	16.52	3.10	19.62	<=23	Pass		
			6	17.14	3.10	20.24	<=23	Pass		
			13	16.93	3.10	20.03	<=23	Pass		
	25		0	17.06	3.10	20.16	<=23	Pass		
	3697.5		1	0	18.80	3.10	21.90	<=23	Pass	
				13	18.76	3.10	21.86	<=23	Pass	
		24		19.16	3.10	22.26	<=23	Pass		
		12	0	17.73	3.10	20.83	<=23	Pass		
			6	17.58	3.10	20.68	<=23	Pass		
			13	17.90	3.10	21.00	<=23	Pass		
		25	0	17.93	3.10	21.03	<=23	Pass		
		16QAM	3552.5	1	0	16.75	3.10	19.85	<=23	Pass
					13	16.34	3.10	19.44	<=23	Pass
	24				16.64	3.10	19.74	<=23	Pass	
12	0			15.66	3.10	18.76	<=23	Pass		
	6			15.53	3.10	18.63	<=23	Pass		
	13			15.53	3.10	18.63	<=23	Pass		
25	0			15.52	3.10	18.62	<=23	Pass		
3625	1			0	16.55	3.10	19.65	<=23	Pass	
				13	17.03	3.10	20.13	<=23	Pass	
			24	16.96	3.10	20.06	<=23	Pass		
	12		0	15.70	3.10	18.80	<=23	Pass		
			6	15.95	3.10	19.05	<=23	Pass		
			13	15.83	3.10	18.93	<=23	Pass		
	25		0	15.74	3.10	18.84	<=23	Pass		
	3697.5		1	0	18.02	3.10	21.12	<=23	Pass	
				13	17.83	3.10	20.93	<=23	Pass	
24				17.88	3.10	20.98	<=23	Pass		
12			0	16.73	3.10	19.83	<=23	Pass		
			6	16.73	3.10	19.83	<=23	Pass		
			13	16.79	3.10	19.89	<=23	Pass		
25			0	16.55	3.10	19.65	<=23	Pass		
64QAM			3552.5	1	0	15.54	3.10	18.64	<=23	Pass
					13	15.57	3.10	18.67	<=23	Pass



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256QAM	3625	12	24	15.33	3.10	18.43	<=23	Pass	
			0	14.50	3.10	17.60	<=23	Pass	
			6	14.25	3.10	17.35	<=23	Pass	
			13	14.28	3.10	17.38	<=23	Pass	
		25	0	14.45	3.10	17.55	<=23	Pass	
			0	16.06	3.10	19.16	<=23	Pass	
			13	16.38	3.10	19.48	<=23	Pass	
			24	16.13	3.10	19.23	<=23	Pass	
		12	0	14.99	3.10	18.09	<=23	Pass	
			6	15.00	3.10	18.10	<=23	Pass	
			13	14.88	3.10	17.98	<=23	Pass	
			0	14.95	3.10	18.05	<=23	Pass	
	3697.5	1	0	16.82	3.10	19.92	<=23	Pass	
			13	16.84	3.10	19.94	<=23	Pass	
			24	16.73	3.10	19.83	<=23	Pass	
			0	15.59	3.10	18.69	<=23	Pass	
		12	6	15.95	3.10	19.05	<=23	Pass	
			13	15.80	3.10	18.90	<=23	Pass	
			0	15.84	3.10	18.94	<=23	Pass	
			0	12.29	3.10	15.39	<=23	Pass	
		3552.5	1	13	12.48	3.10	15.58	<=23	Pass
				24	12.03	3.10	15.13	<=23	Pass
				0	12.13	3.10	15.23	<=23	Pass
				6	12.28	3.10	15.38	<=23	Pass
12	13		12.55	3.10	15.65	<=23	Pass		
	0		12.34	3.10	15.44	<=23	Pass		
	0		13.13	3.10	16.23	<=23	Pass		
	13		12.79	3.10	15.89	<=23	Pass		
3625	1		24	12.27	3.10	15.37	<=23	Pass	
			0	12.82	3.10	15.92	<=23	Pass	
			6	12.82	3.10	15.92	<=23	Pass	
			13	12.86	3.10	15.96	<=23	Pass	
	12	0	13.06	3.10	16.16	<=23	Pass		
		0	13.63	3.10	16.73	<=23	Pass		
		13	13.57	3.10	16.67	<=23	Pass		
		24	13.78	3.10	16.88	<=23	Pass		
	3697.5	1	0	13.69	3.10	16.79	<=23	Pass	
			6	14.36	3.10	17.46	<=23	Pass	
			13	13.73	3.10	16.83	<=23	Pass	
			0	13.62	3.10	16.72	<=23	Pass	

Note1: EIRP=Conducted Power+Antenna Gain



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Band: 48 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3552.5	1	0	17.26	3.10	20.36	<=23	Pass		
			13	17.65	3.10	20.75	<=23	Pass		
			24	17.44	3.10	20.54	<=23	Pass		
		12	0	16.56	3.10	19.66	<=23	Pass		
			6	16.59	3.10	19.69	<=23	Pass		
			13	16.59	3.10	19.69	<=23	Pass		
		25	0	18.82	3.10	21.92	<=23	Pass		
		3625	1	0	17.77	3.10	20.87	<=23	Pass	
				13	17.68	3.10	20.78	<=23	Pass	
	24			18.05	3.10	21.15	<=23	Pass		
	12		0	18.15	3.10	21.25	<=23	Pass		
			6	17.56	3.10	20.66	<=23	Pass		
			13	17.03	3.10	20.13	<=23	Pass		
	25		0	19.42	3.10	22.52	<=23	Pass		
	3697.5		1	0	18.25	3.10	21.35	<=23	Pass	
				13	18.56	3.10	21.66	<=23	Pass	
		24		18.88	3.10	21.98	<=23	Pass		
		12	0	17.65	3.10	20.75	<=23	Pass		
			6	17.65	3.10	20.75	<=23	Pass		
			13	17.68	3.10	20.78	<=23	Pass		
		25	0	19.25	3.10	22.35	<=23	Pass		
		16QAM	3552.5	1	0	16.56	3.10	19.66	<=23	Pass
					13	16.54	3.10	19.64	<=23	Pass
	24				16.45	3.10	19.55	<=23	Pass	
12	0			15.76	3.10	18.86	<=23	Pass		
	6			15.31	3.10	18.41	<=23	Pass		
	13			15.46	3.10	18.56	<=23	Pass		
25	0			18.02	3.10	21.12	<=23	Pass		
3625	1			0	16.59	3.10	19.69	<=23	Pass	
				13	16.52	3.10	19.62	<=23	Pass	
			24	16.88	3.10	19.98	<=23	Pass		
	12		0	15.82	3.10	18.92	<=23	Pass		
			6	15.85	3.10	18.95	<=23	Pass		
			13	15.93	3.10	19.03	<=23	Pass		
	25		0	17.25	3.10	20.35	<=23	Pass		
	3697.5		1	0	18.05	3.10	21.15	<=23	Pass	
				13	17.56	3.10	20.66	<=23	Pass	
24				17.96	3.10	21.06	<=23	Pass		
12			0	16.54	3.10	19.64	<=23	Pass		
			6	16.77	3.10	19.87	<=23	Pass		
			13	16.64	3.10	19.74	<=23	Pass		
25			0	19.25	3.10	22.35	<=23	Pass		
64QAM			3552.5	1	0	15.63	3.10	18.73	<=23	Pass
					13	15.58	3.10	18.68	<=23	Pass
	24				15.31	3.10	18.41	<=23	Pass	
	12	0		14.65	3.10	17.75	<=23	Pass		
		6		14.33	3.10	17.43	<=23	Pass		
		13		14.25	3.10	17.35	<=23	Pass		
	25	0	17.24	3.10	20.34	<=23	Pass			
	3625	1	0	16.25	3.10	19.35	<=23	Pass		
			13	16.41	3.10	19.51	<=23	Pass		



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256QAM	3697.5	12	24	16.33	3.10	19.43	<=23	Pass
			0	14.58	3.10	17.68	<=23	Pass
			6	15.14	3.10	18.24	<=23	Pass
			13	14.49	3.10	17.59	<=23	Pass
		25	0	17.56	3.10	20.66	<=23	Pass
			0	16.54	3.10	19.64	<=23	Pass
			13	16.71	3.10	19.81	<=23	Pass
			24	16.69	3.10	19.79	<=23	Pass
		12	0	15.77	3.10	18.87	<=23	Pass
			6	16.49	3.10	19.59	<=23	Pass
			13	15.89	3.10	18.99	<=23	Pass
			0	18.51	3.10	21.61	<=23	Pass
	3552.5	1	0	12.39	3.10	15.49	<=23	Pass
			13	12.57	3.10	15.67	<=23	Pass
			24	12.39	3.10	15.49	<=23	Pass
			0	12.36	3.10	15.46	<=23	Pass
		12	6	12.41	3.10	15.51	<=23	Pass
			13	12.36	3.10	15.46	<=23	Pass
			0	15.14	3.10	18.24	<=23	Pass
			0	13.32	3.10	16.42	<=23	Pass
		1	13	12.59	3.10	15.69	<=23	Pass
			24	12.41	3.10	15.51	<=23	Pass
			0	13.15	3.10	16.25	<=23	Pass
			6	12.95	3.10	16.05	<=23	Pass
12	13	12.96	3.10	16.06	<=23	Pass		
	0	16.85	3.10	19.95	<=23	Pass		
	0	13.55	3.10	16.65	<=23	Pass		
	13	13.67	3.10	16.77	<=23	Pass		
1	24	13.85	3.10	16.95	<=23	Pass		
	0	13.56	3.10	16.66	<=23	Pass		
	6	13.49	3.10	16.59	<=23	Pass		
	13	13.49	3.10	16.59	<=23	Pass		
12	0	15.98	3.10	19.08	<=23	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

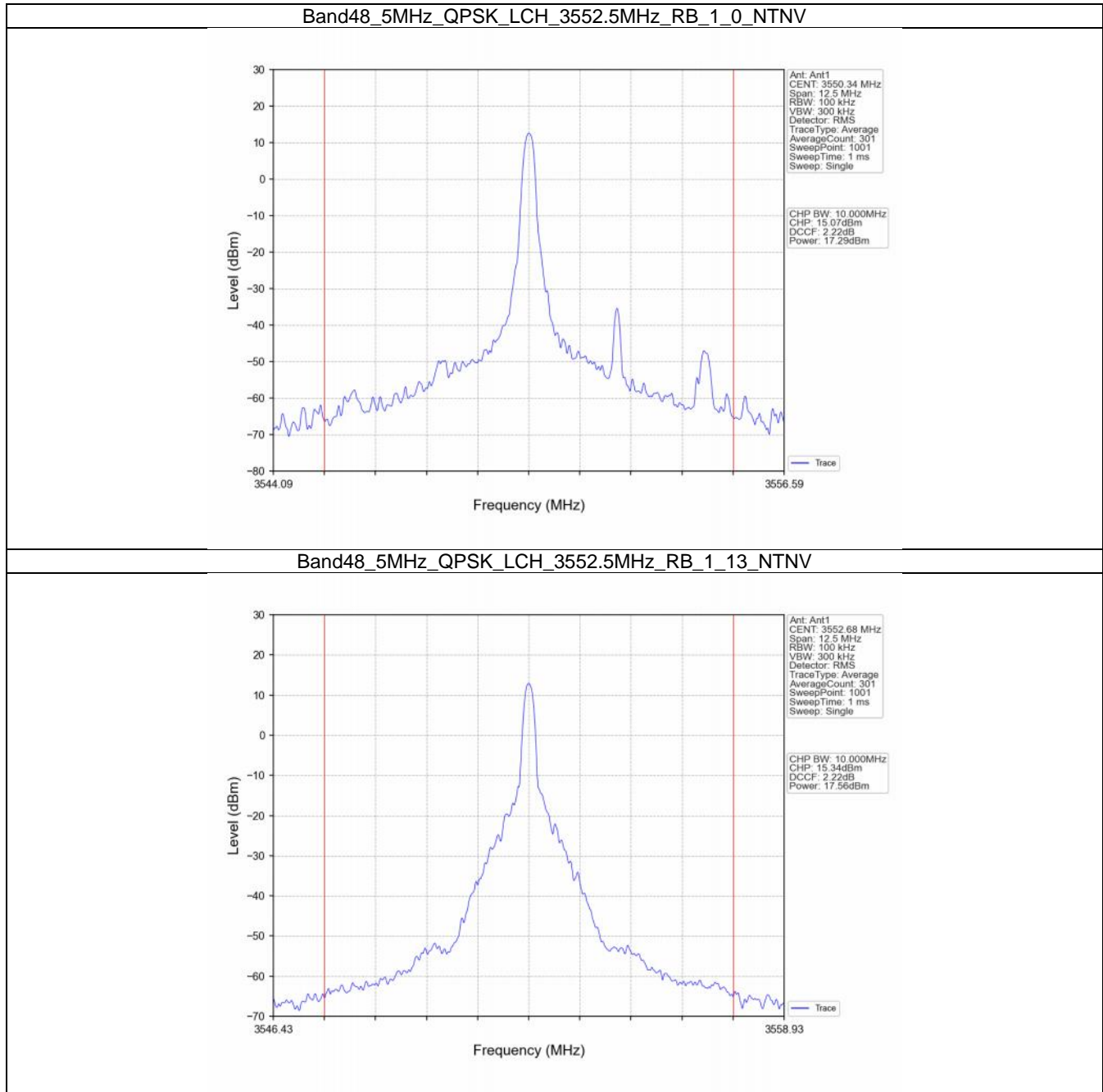


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2.1.2 Test Graph

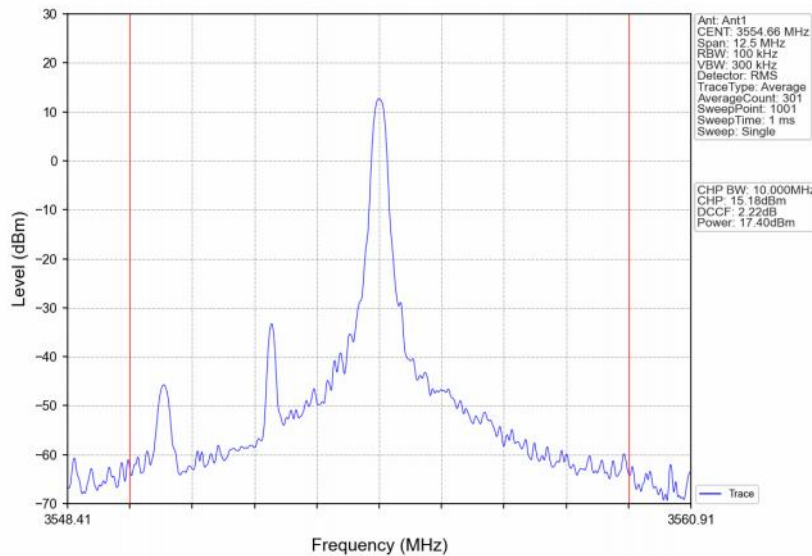


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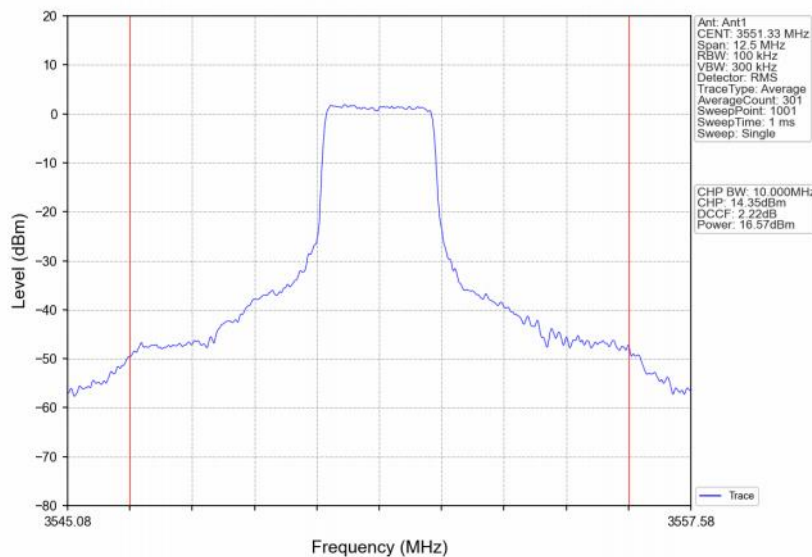
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Band48_5MHz_QPSK_LCH_3552.5MHz_RB_1_24_NTNV



Band48_5MHz_QPSK_LCH_3552.5MHz_RB_12_0_NTNV

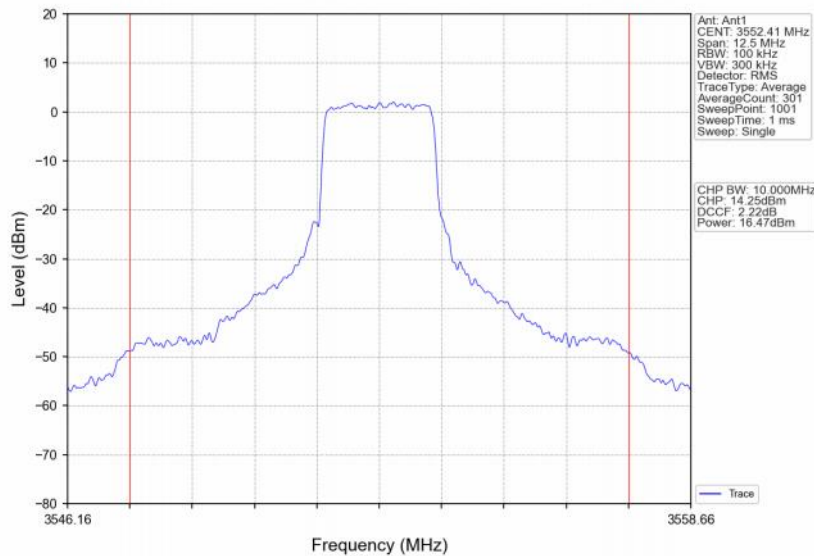


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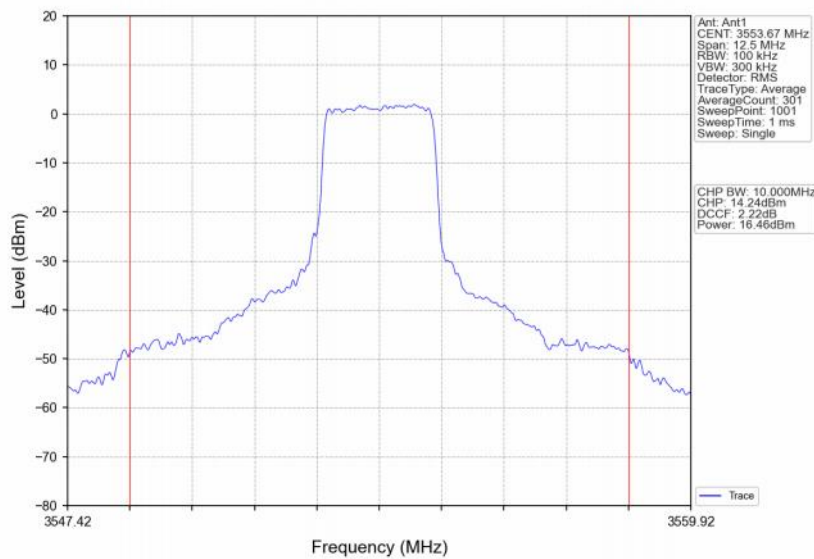
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Band48_5MHz_QPSK_LCH_3552.5MHz_RB_12_13_NTNV

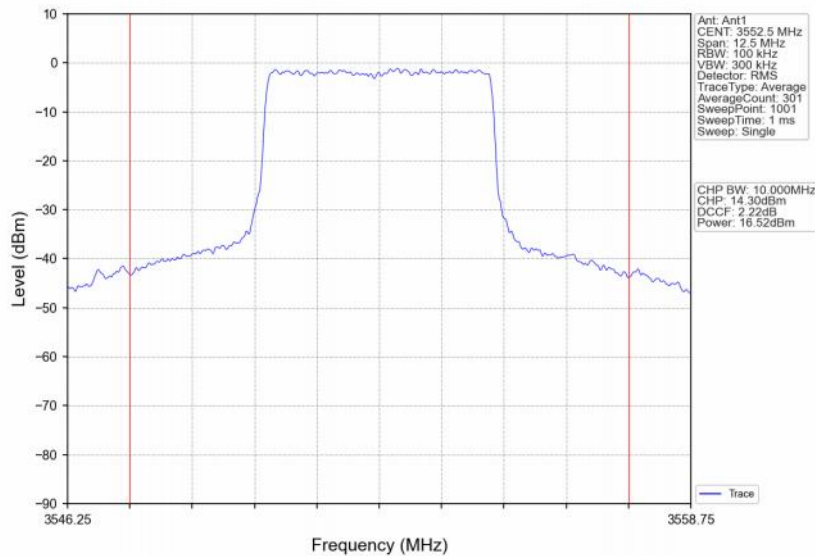


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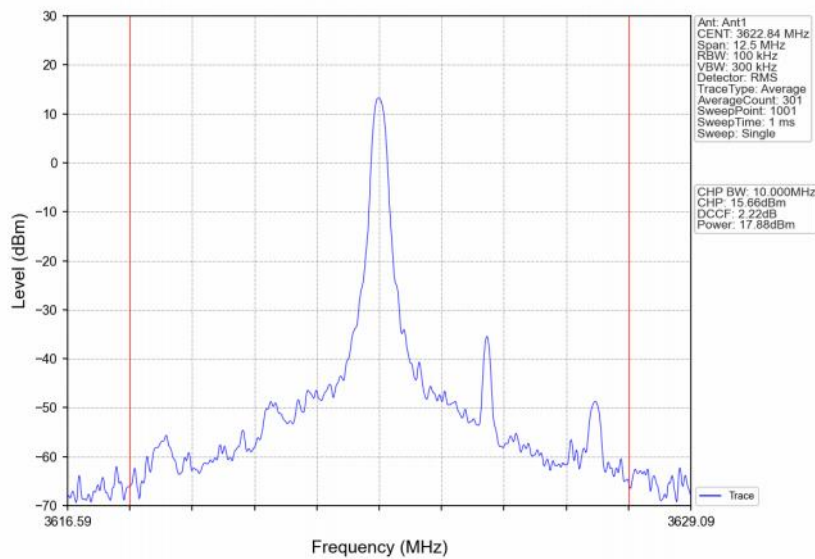
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Band48_5MHz_QPSK_LCH_3552.5MHz_RB_25_0_NTNV



Band48_5MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV

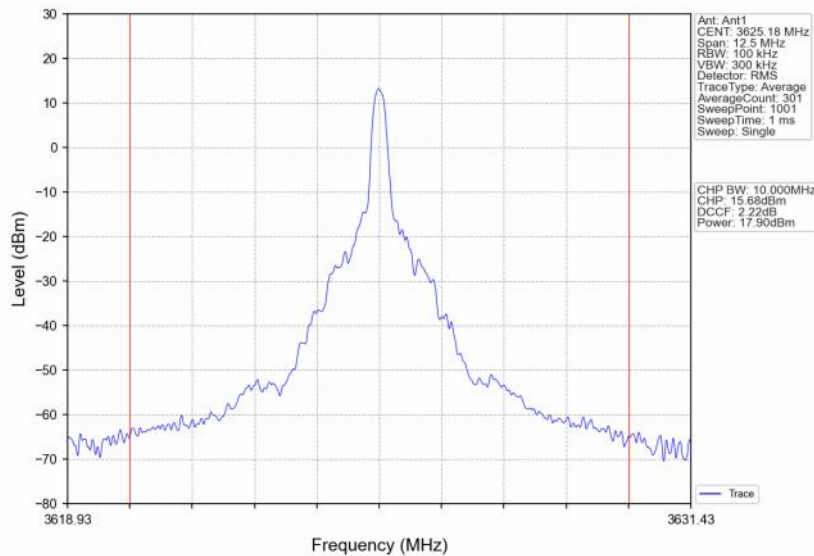


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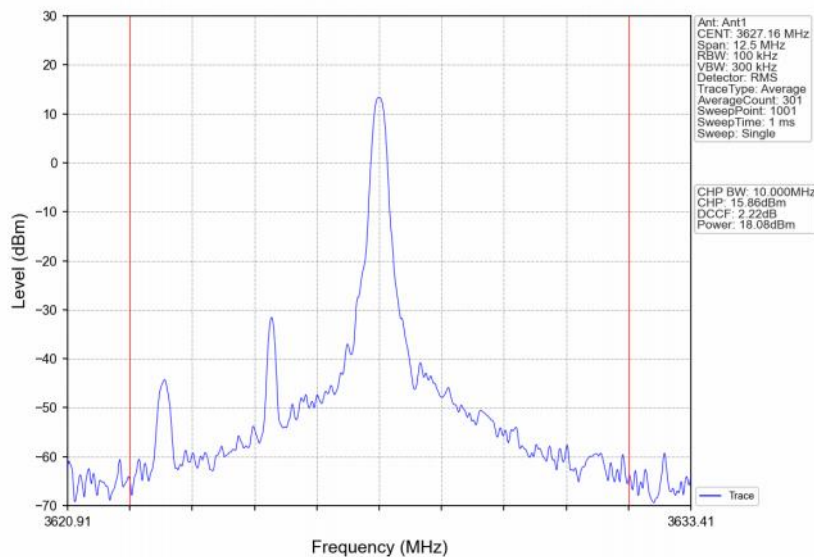
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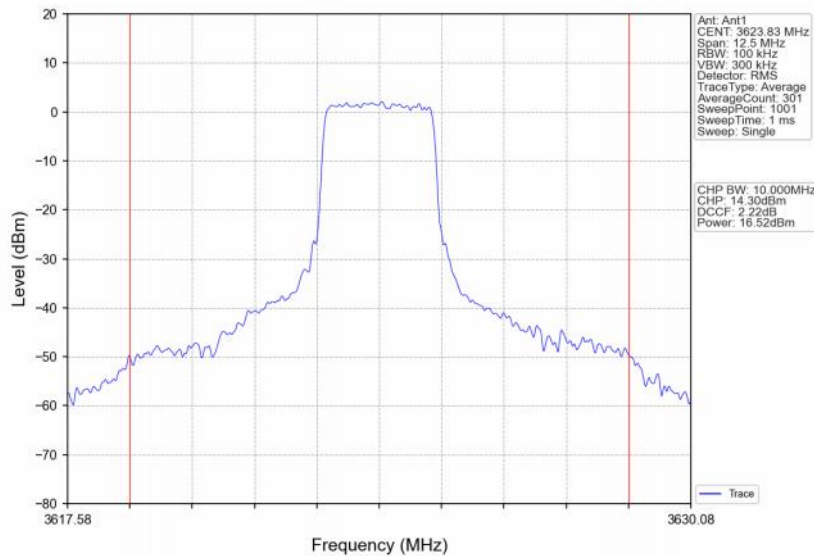


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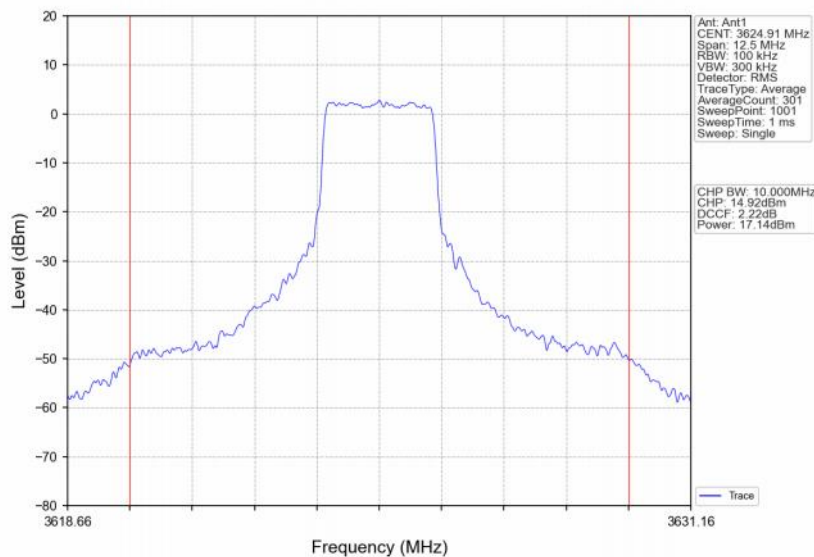
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Band48_5MHz_QPSK_MCH_3625MHz_RB_12_6_NTNV

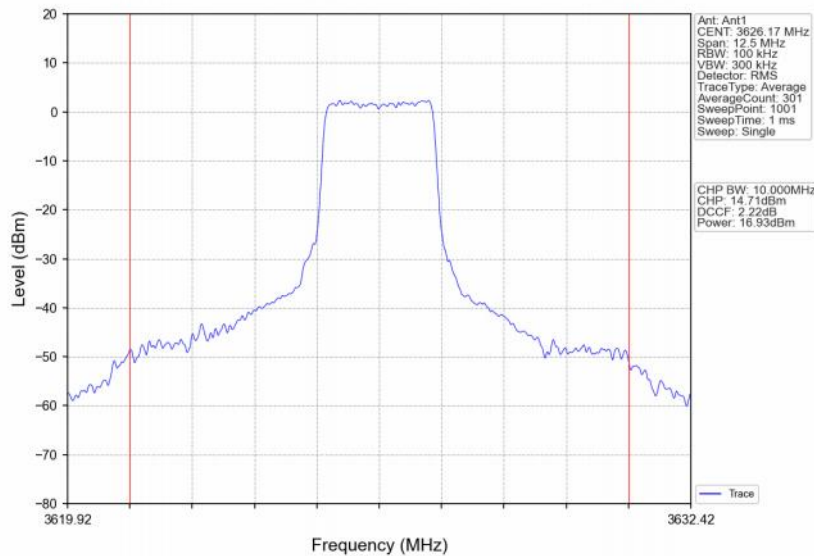


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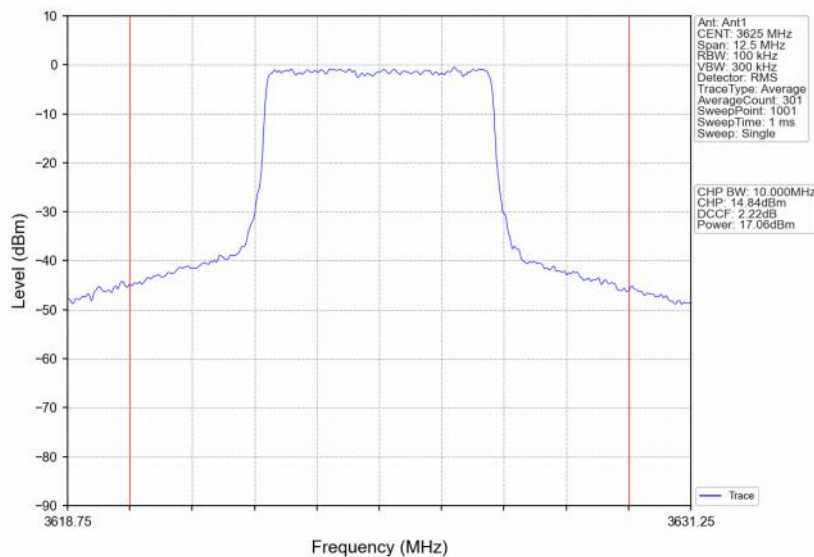
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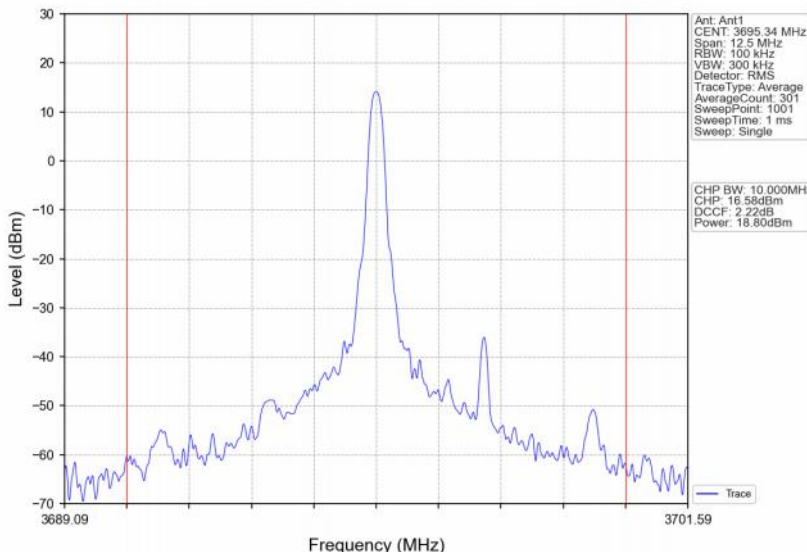


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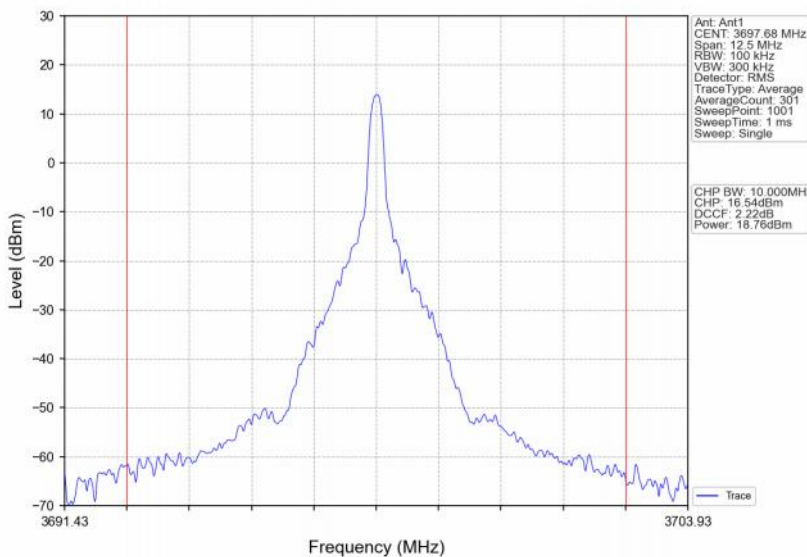
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Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_13_NTNV

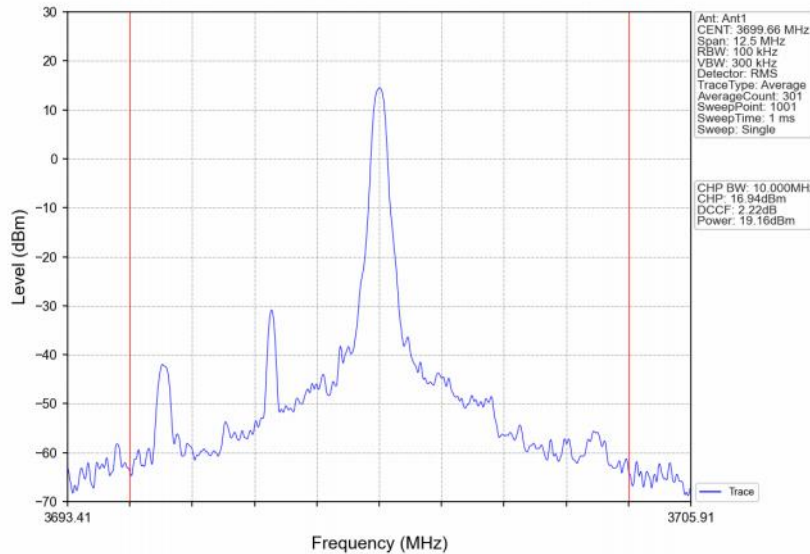


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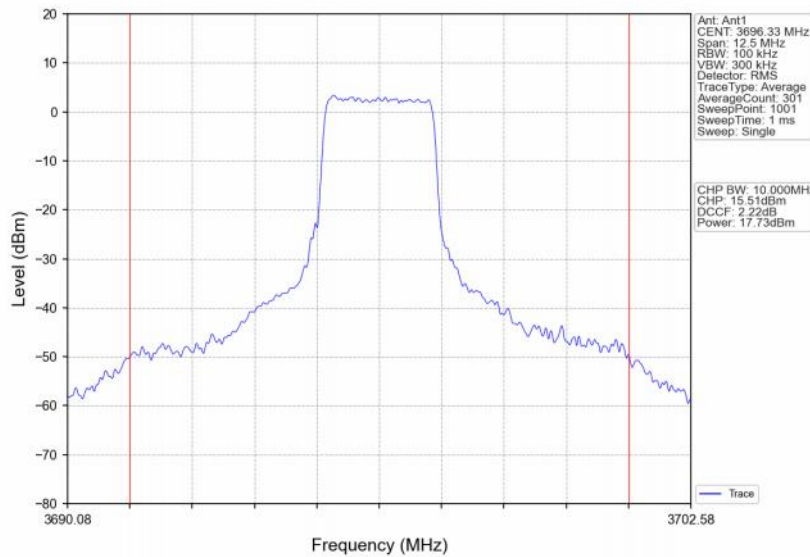
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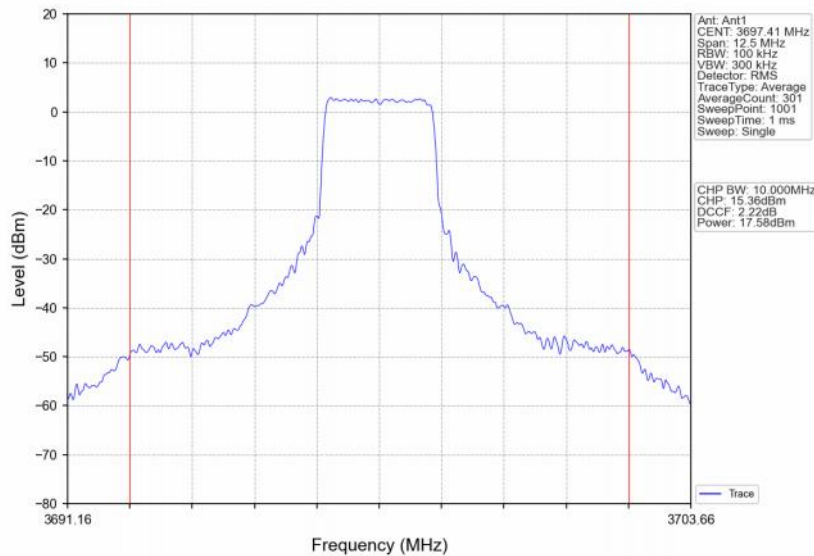


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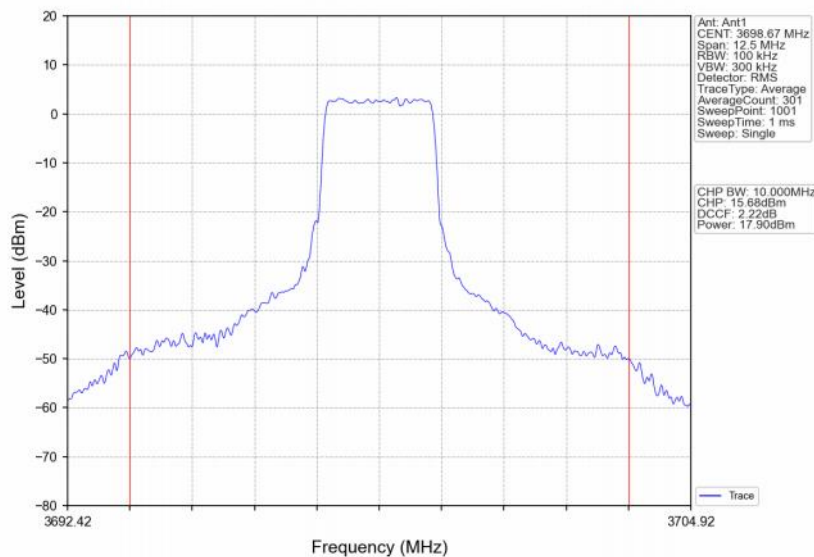
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Band48_5MHz_QPSK_HCH_3697.5MHz_RB_12_13_NTNV

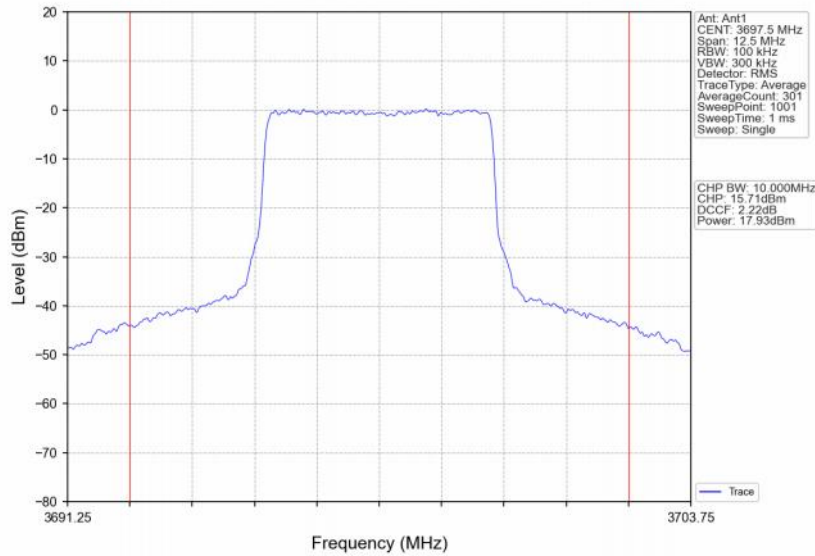


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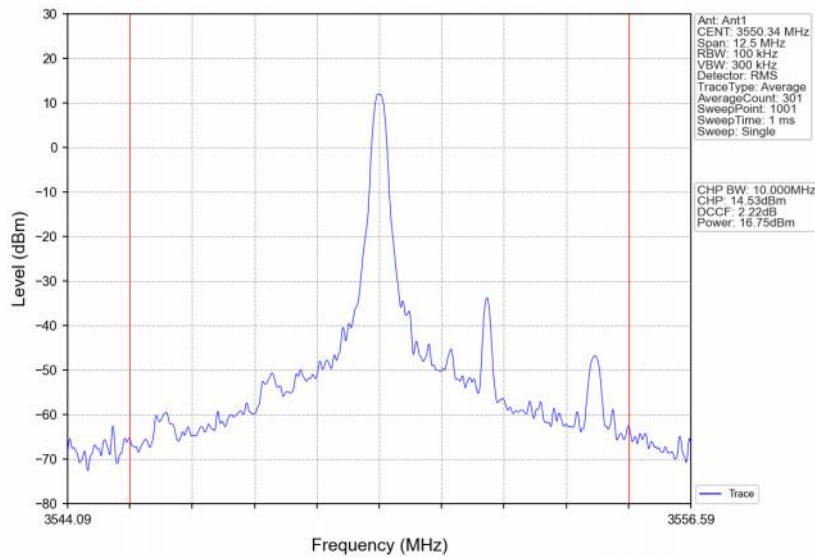
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Band48_5MHz_16QAM_LCH_3552.5MHz_RB_1_0_NTNV

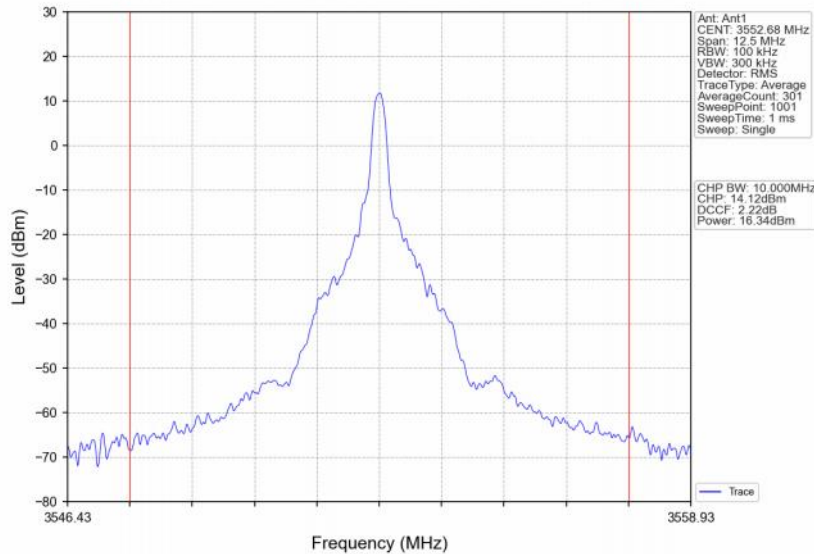


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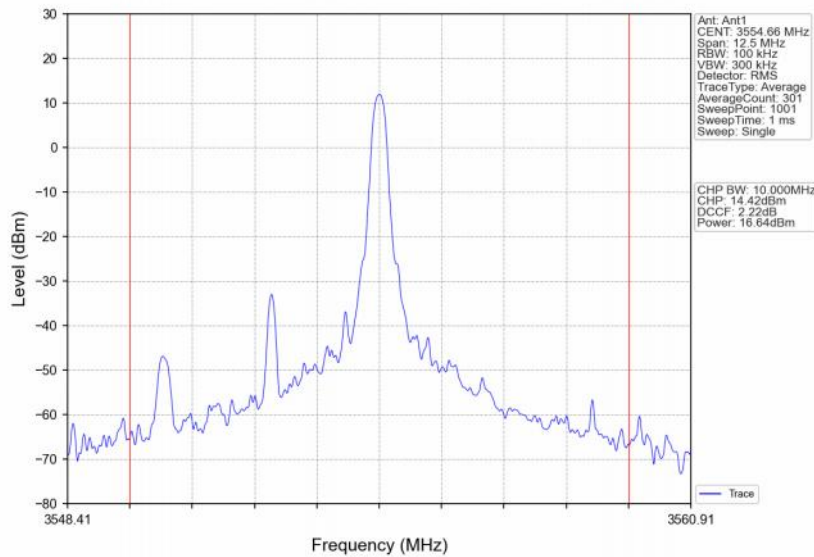
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Band48_5MHz_16QAM_LCH_3552.5MHz_RB_1_13_NTNV



Band48_5MHz_16QAM_LCH_3552.5MHz_RB_1_24_NTNV

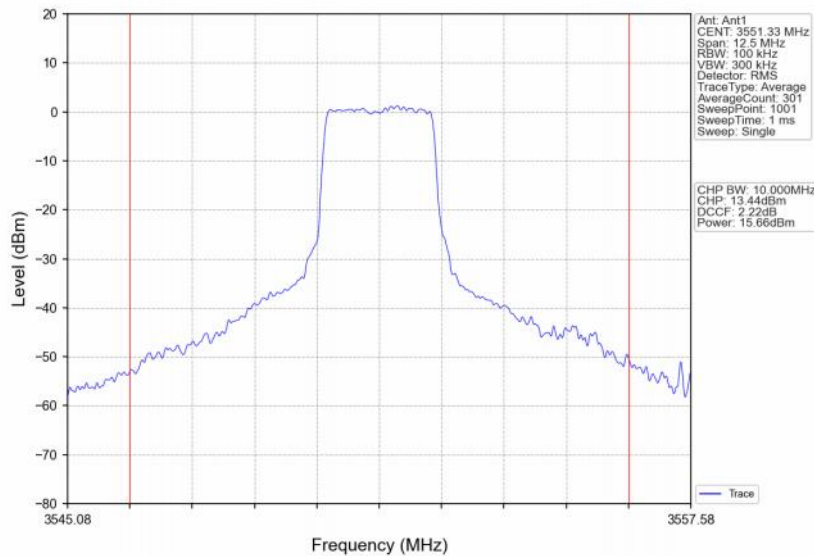


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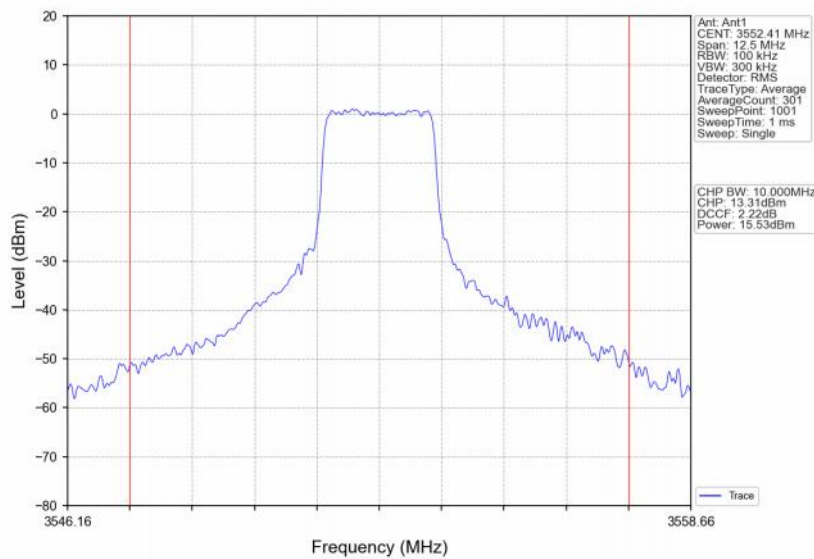
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Band48_5MHz_16QAM_LCH_3552.5MHz_RB_12_0_NTNV



Band48_5MHz_16QAM_LCH_3552.5MHz_RB_12_6_NTNV

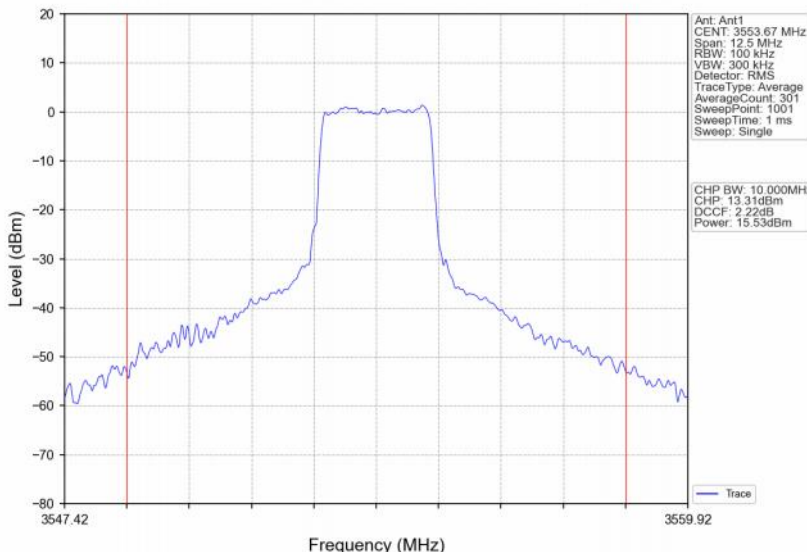


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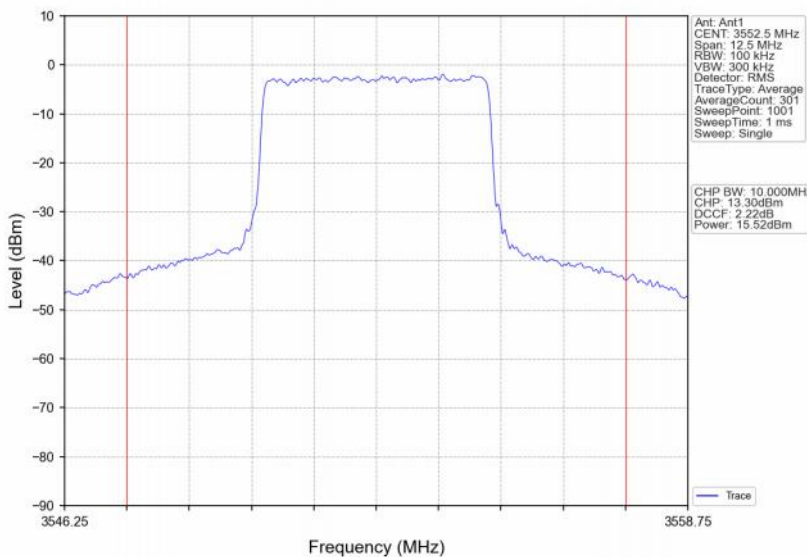
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Band48_5MHz_16QAM_LCH_3552.5MHz_RB_12_13_NTNV



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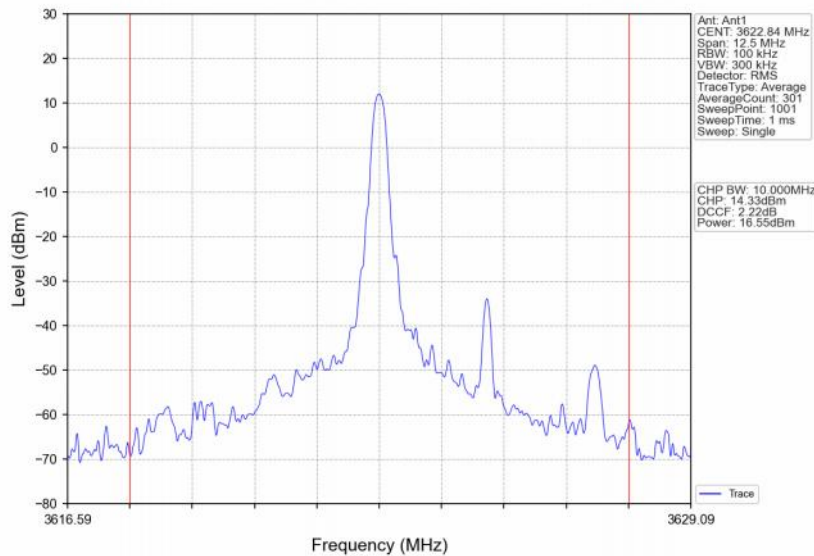


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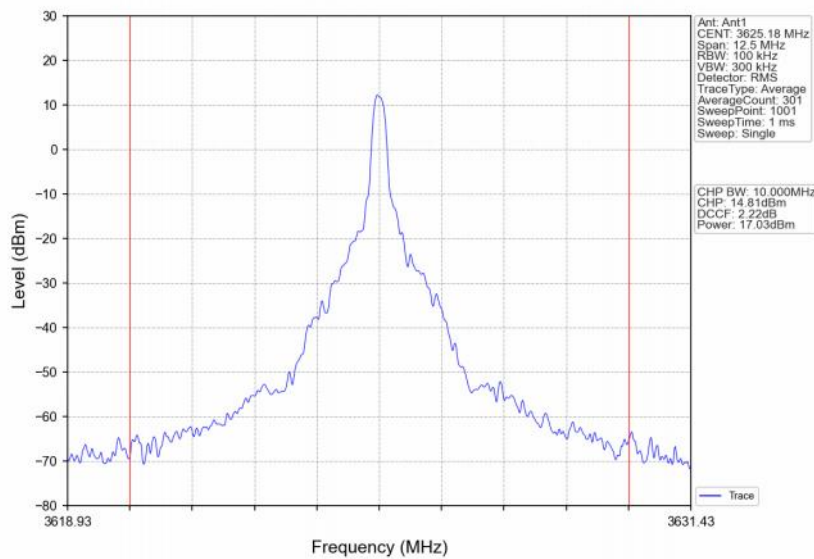
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Band48_5MHz_16QAM_MCH_3625MHz_RB_1_0_NTNV



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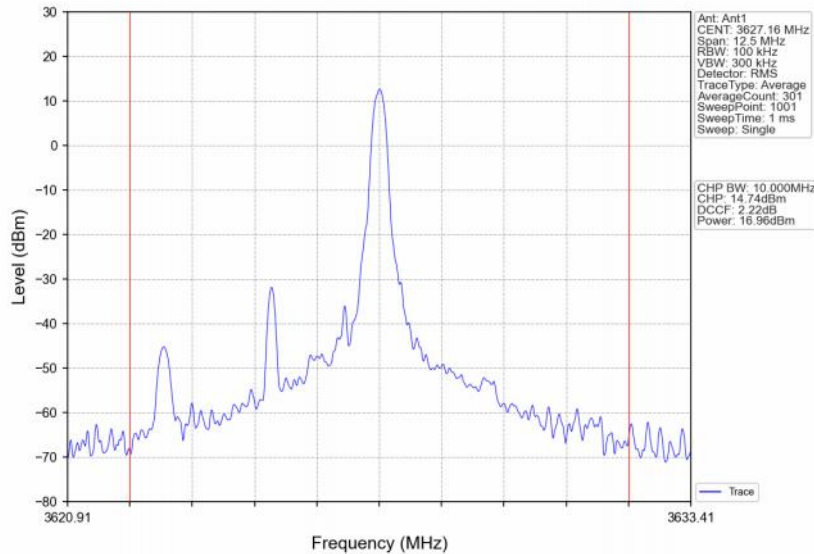


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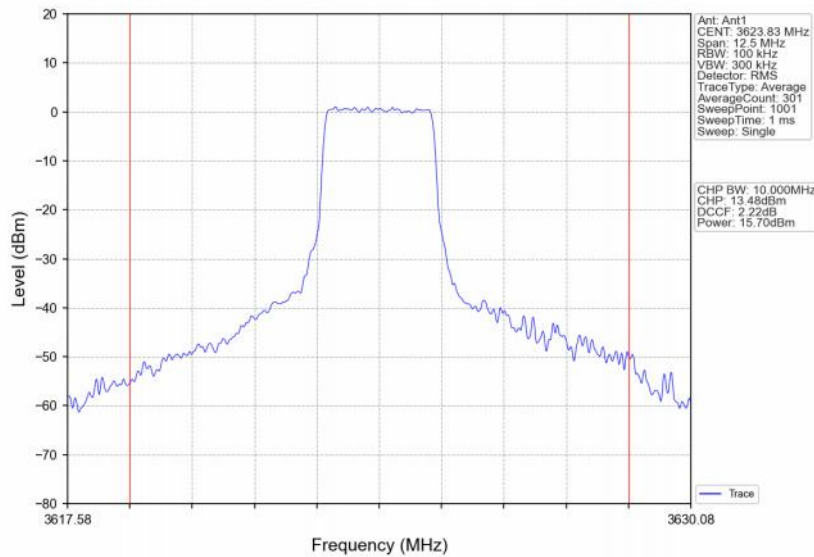
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Band48_5MHz_16QAM_MCH_3625MHz_RB_1_24_NTNV



Band48_5MHz_16QAM_MCH_3625MHz_RB_12_0_NTNV

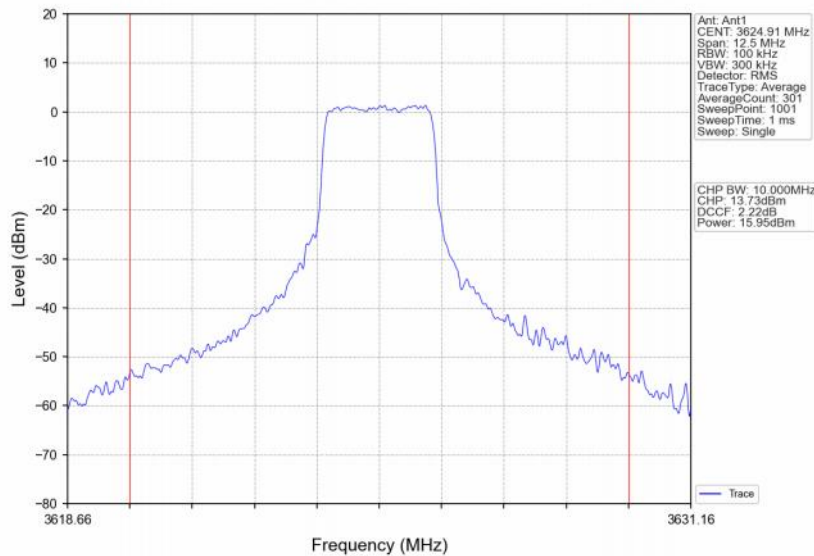


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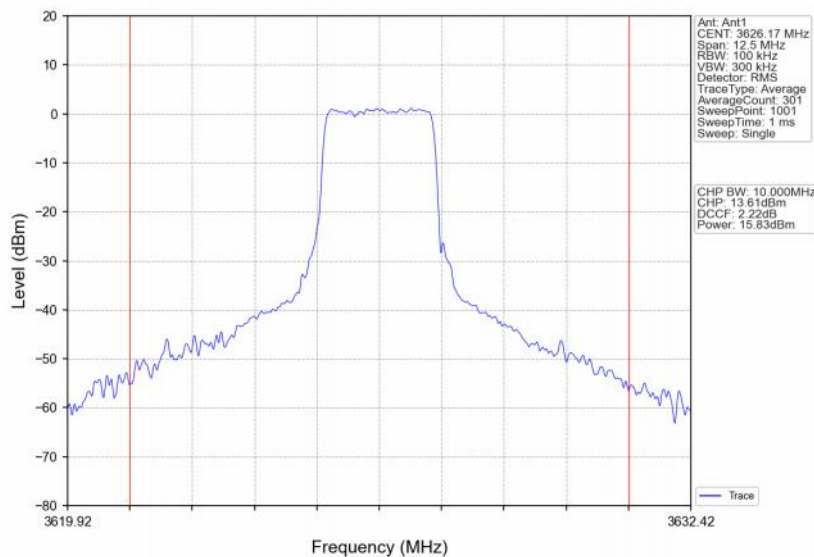
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Band48_5MHz_16QAM_MCH_3625MHz_RB_12_6_NTNV



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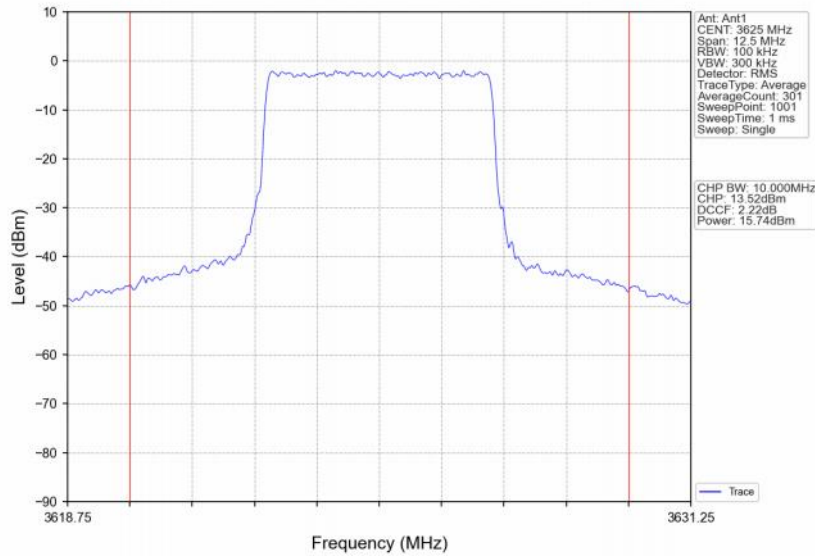


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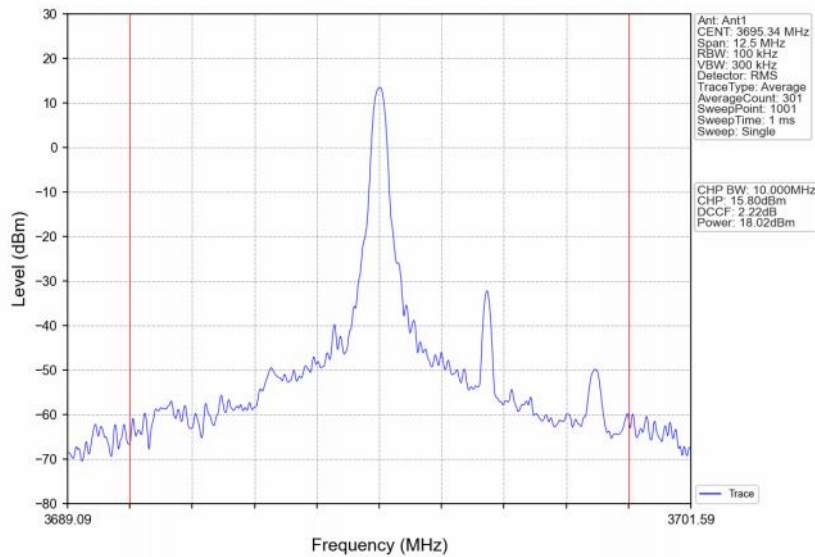
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Band48_5MHz_16QAM_MCH_3625MHz_RB_25_0_NTNV



Band48_5MHz_16QAM_HCH_3697.5MHz_RB_1_0_NTNV

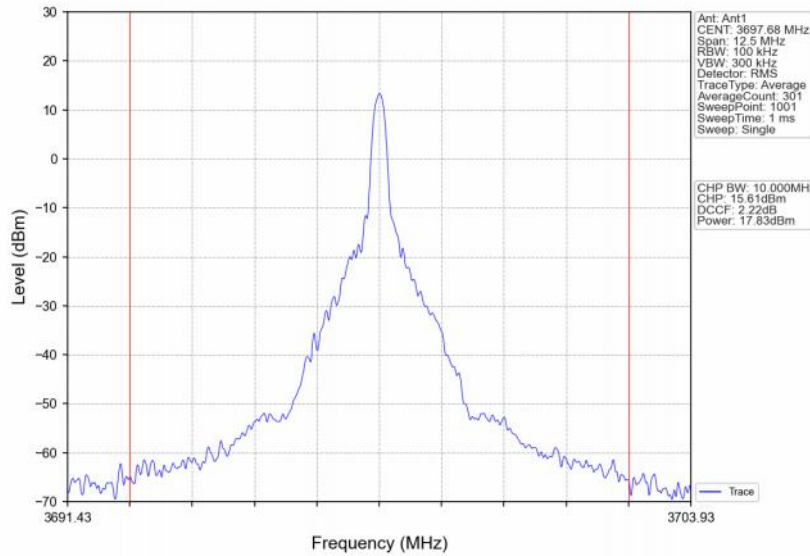


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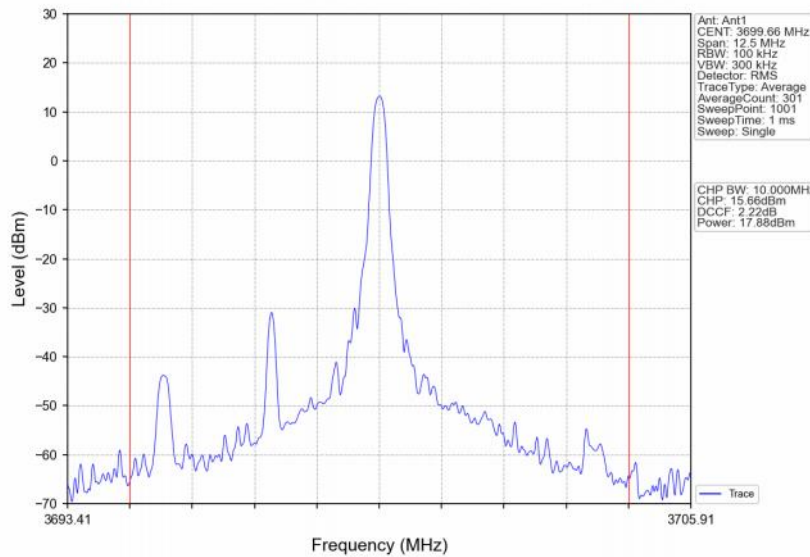
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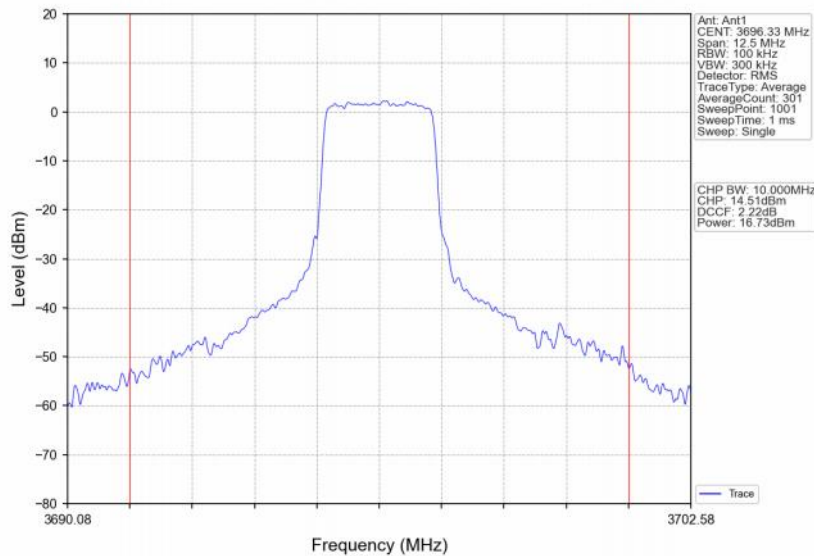


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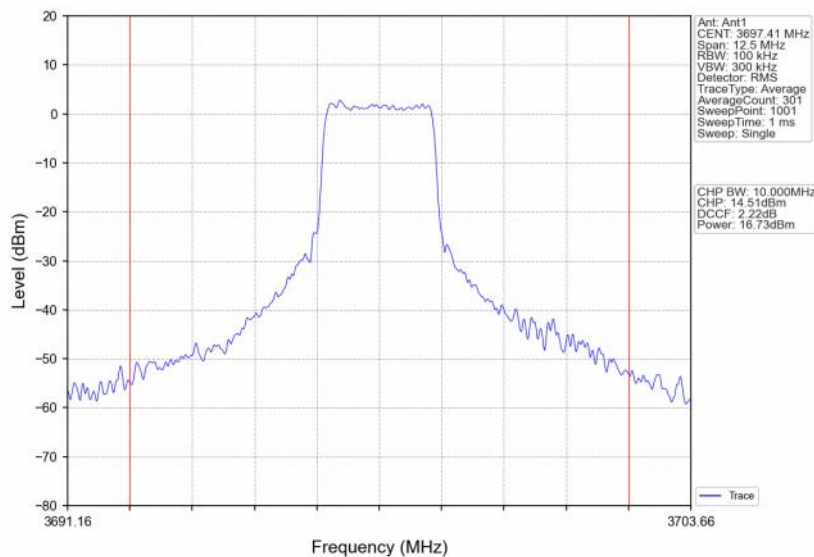
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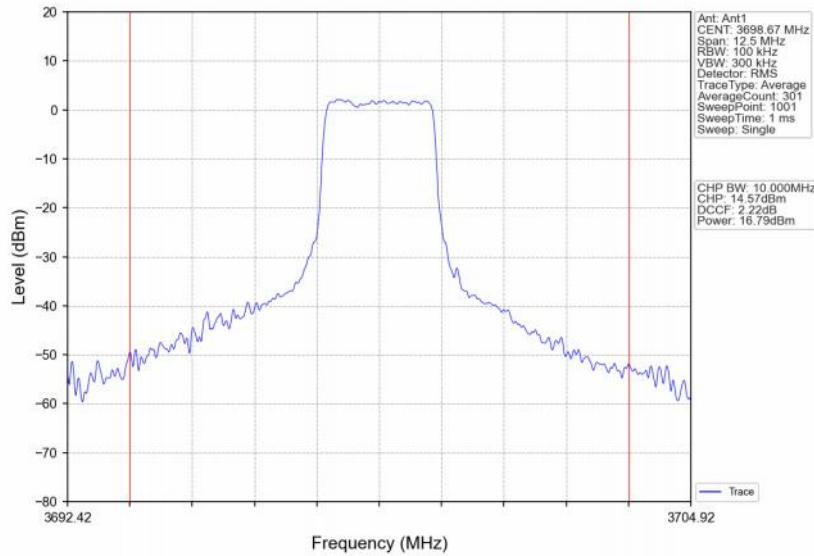


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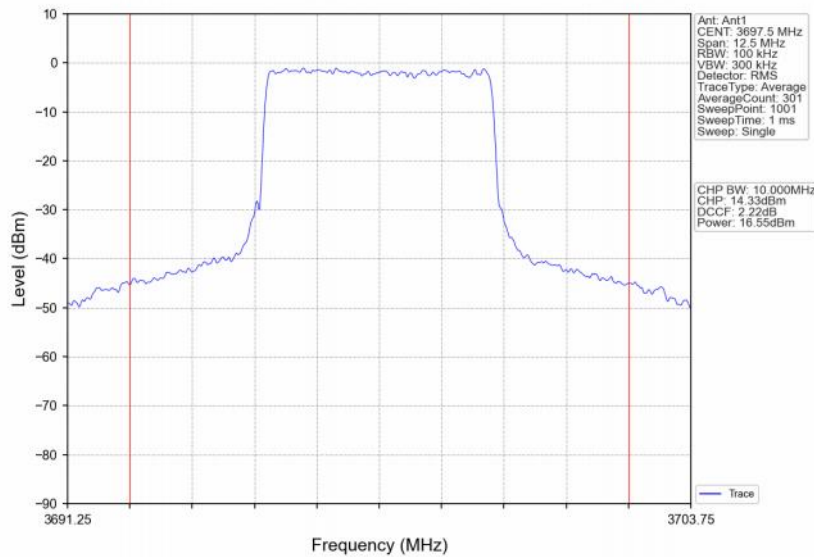
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Band48_5MHz_16QAM_HCH_3697.5MHz_RB_12_13_NTNV



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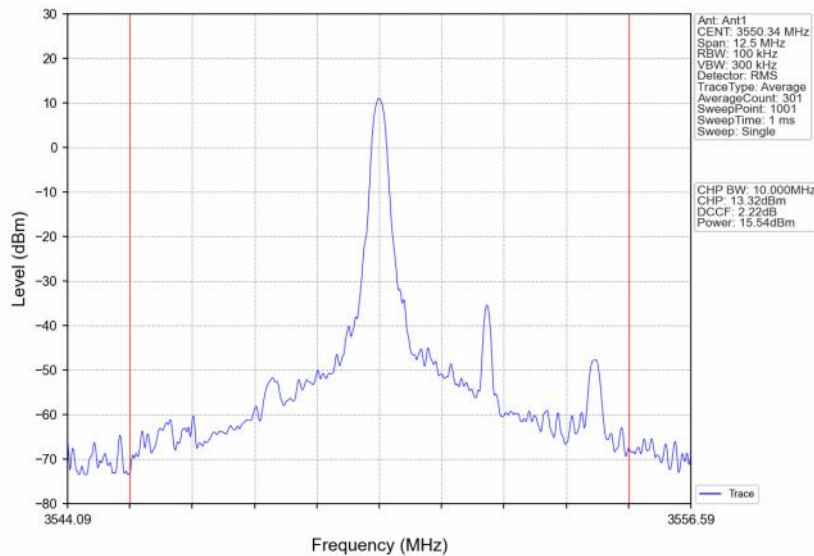


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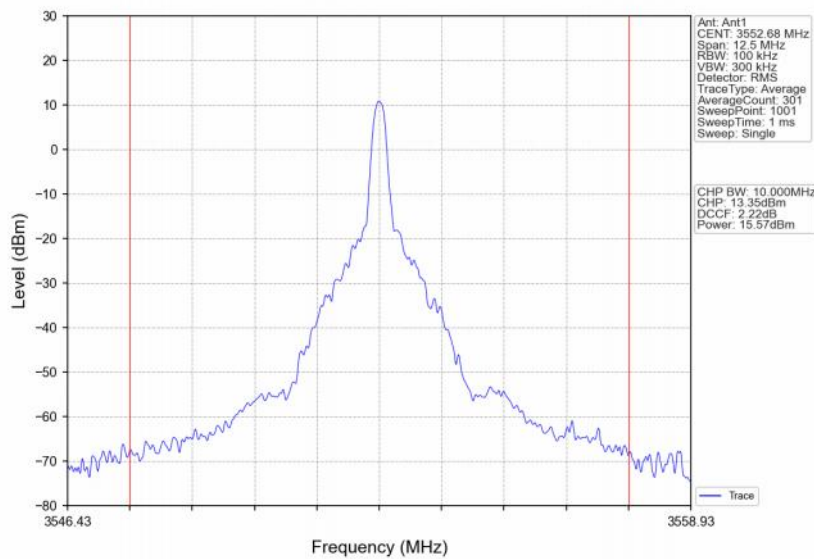
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Band48_5MHz_64QAM_LCH_3552.5MHz_RB_1_0_NTNV



Band48_5MHz_64QAM_LCH_3552.5MHz_RB_1_13_NTNV

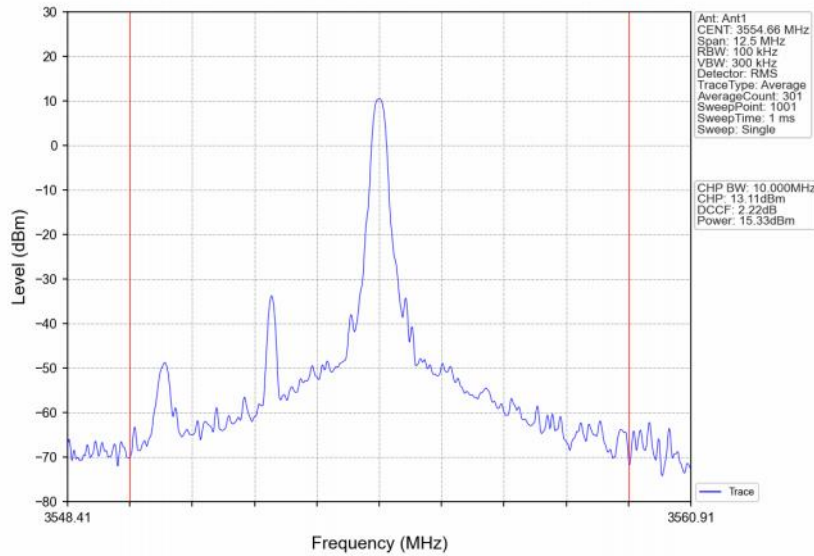


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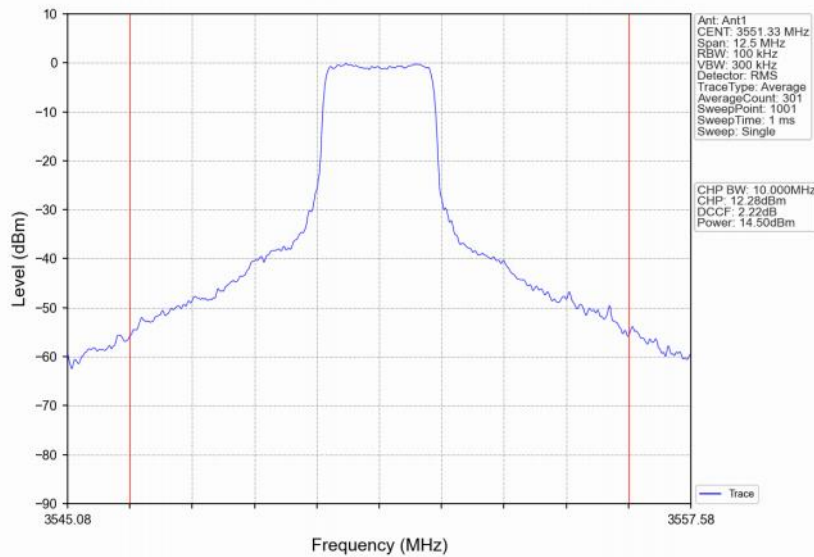
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Band48_5MHz_64QAM_LCH_3552.5MHz_RB_1_24_NTNV



Band48_5MHz_64QAM_LCH_3552.5MHz_RB_12_0_NTNV

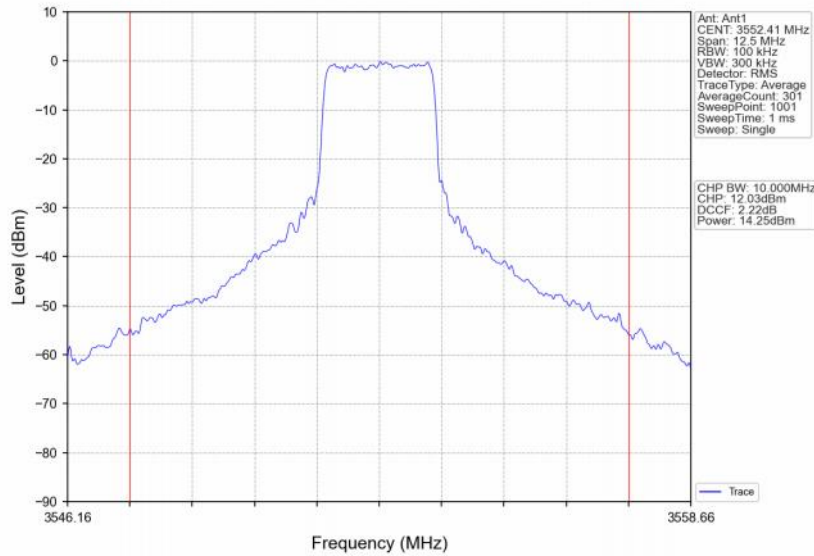


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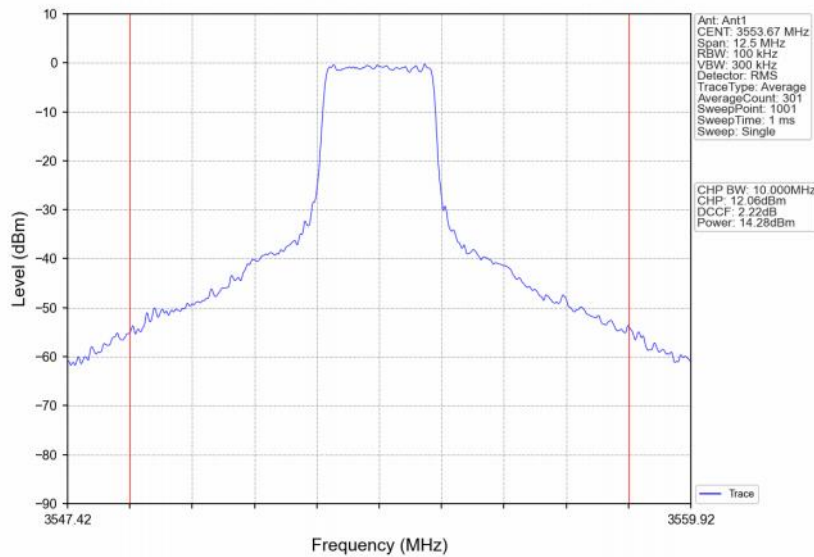
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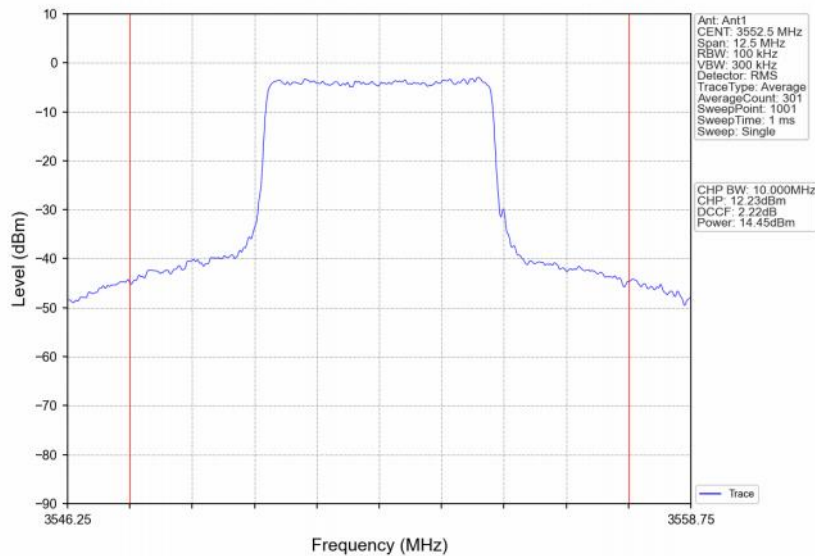


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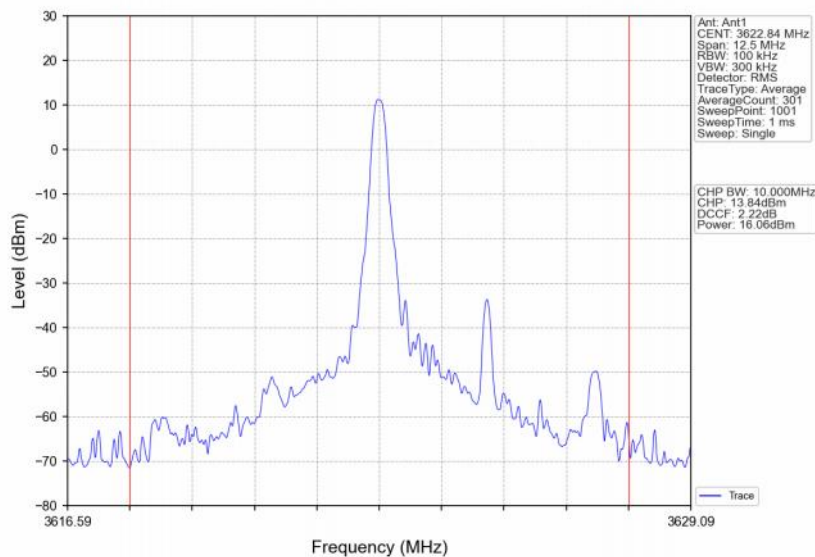
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Band48_5MHz_64QAM_LCH_3552.5MHz_RB_25_0_NTNV



Band48_5MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV

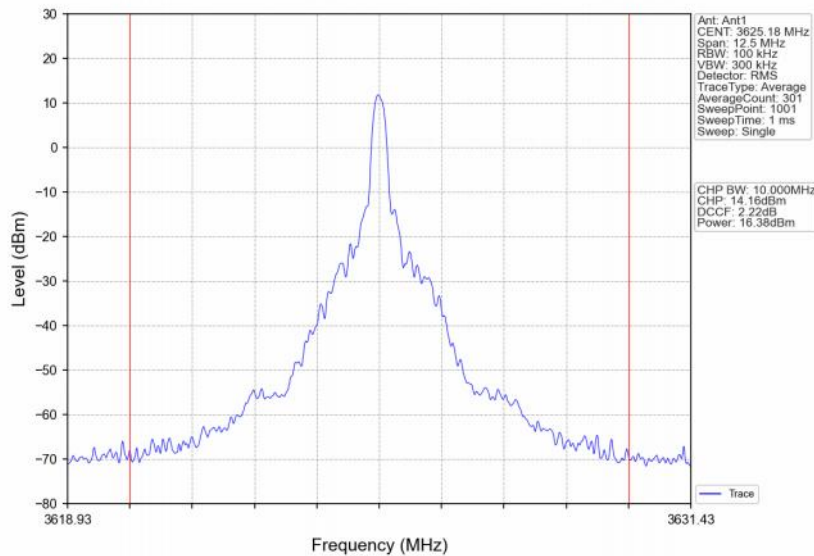


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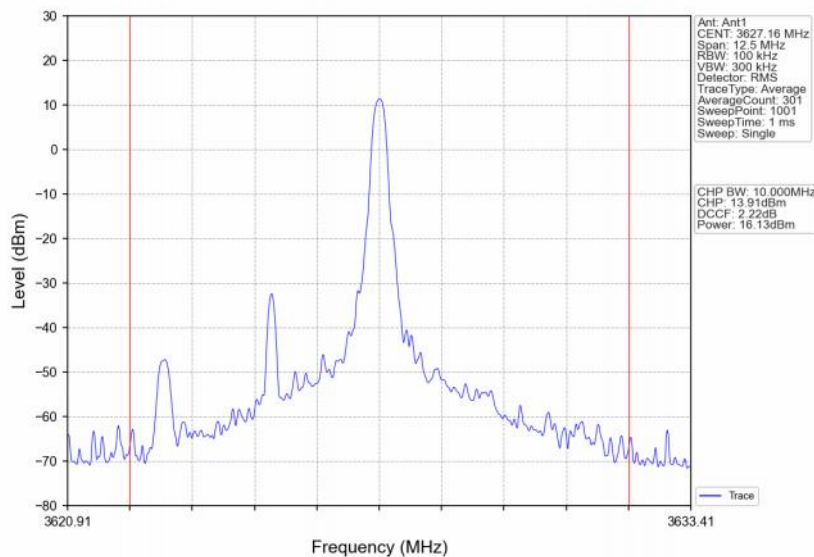
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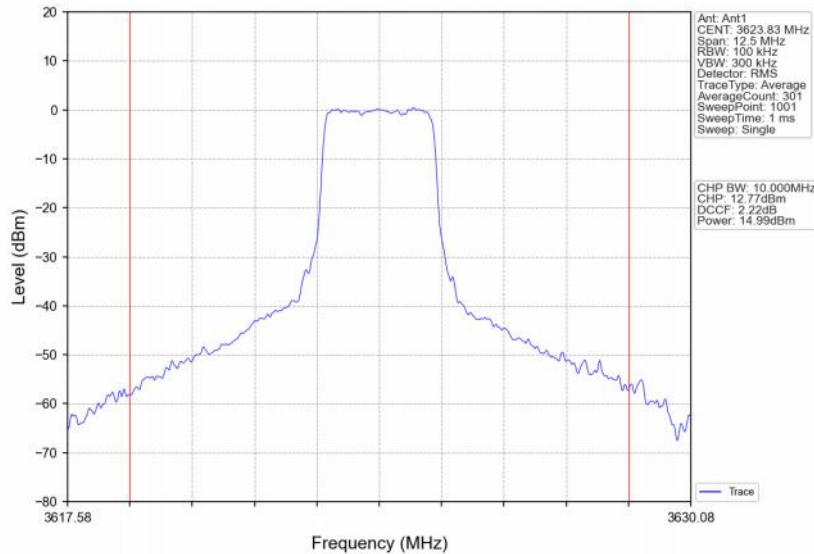


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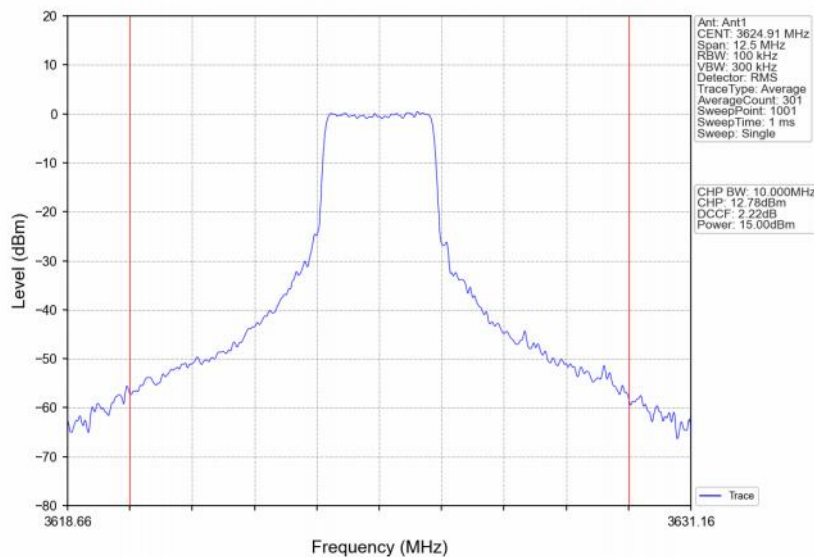
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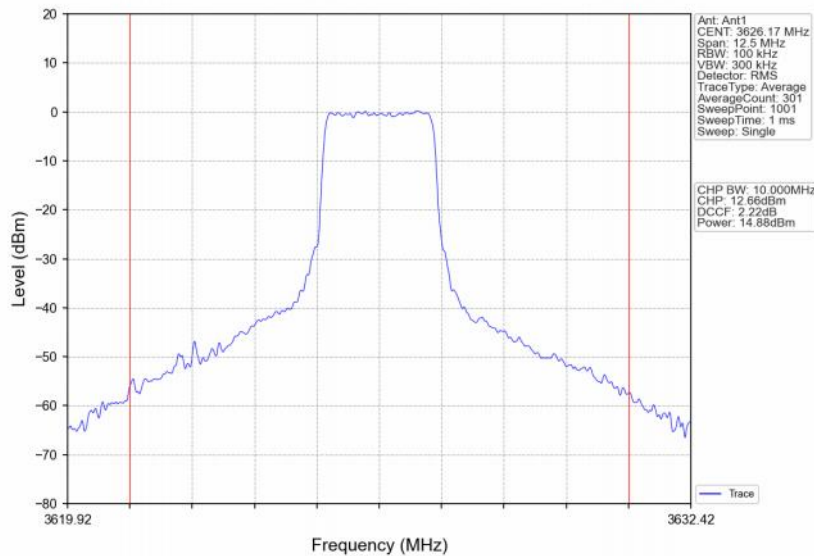


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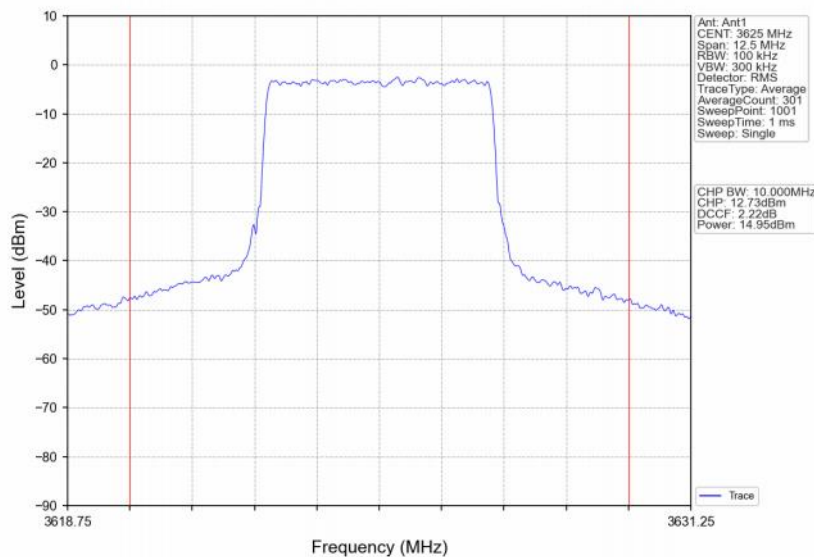
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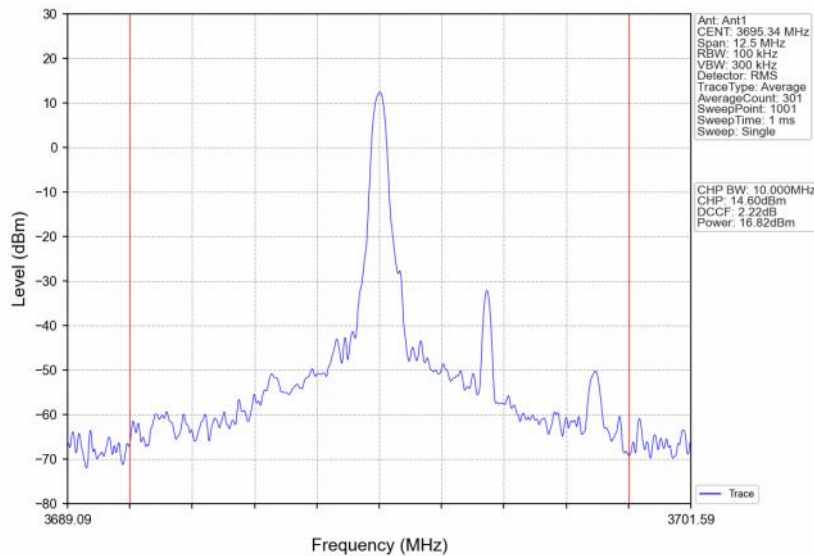


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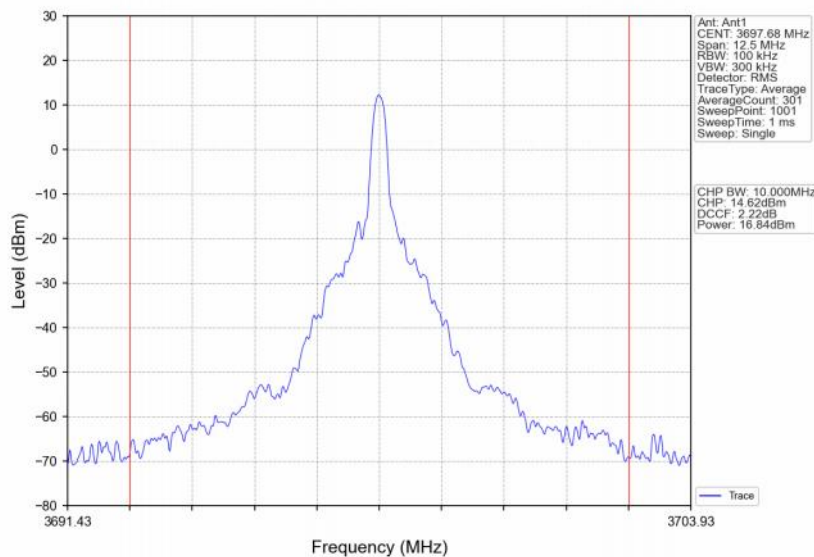
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Band48_5MHz_64QAM_HCH_3697.5MHz_RB_1_0_NTNV



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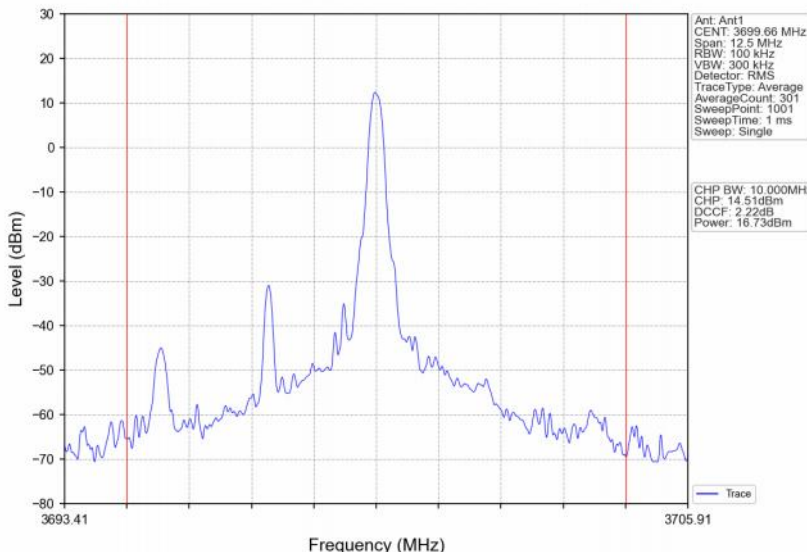


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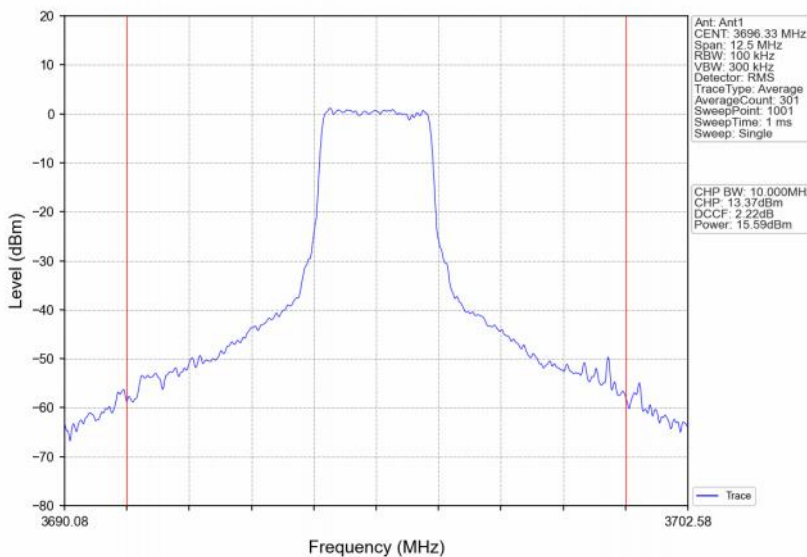
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Band48_5MHz_64QAM_HCH_3697.5MHz_RB_1_24_NTNV



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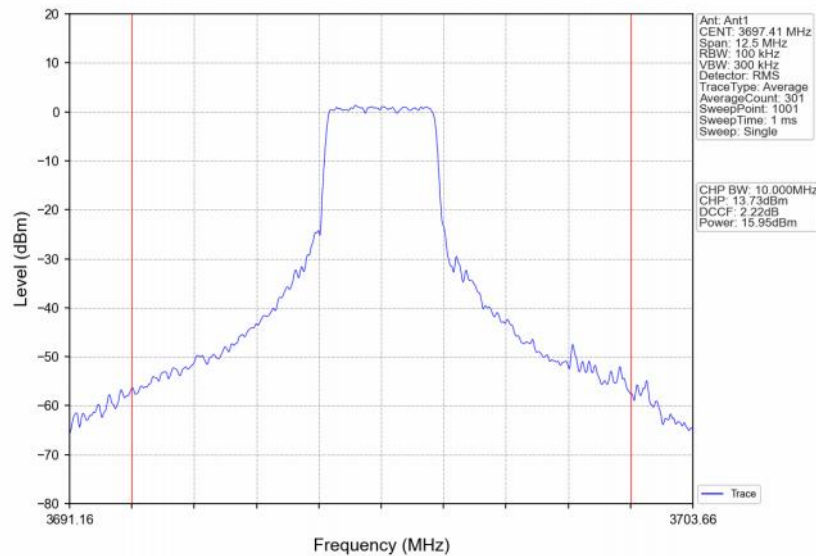


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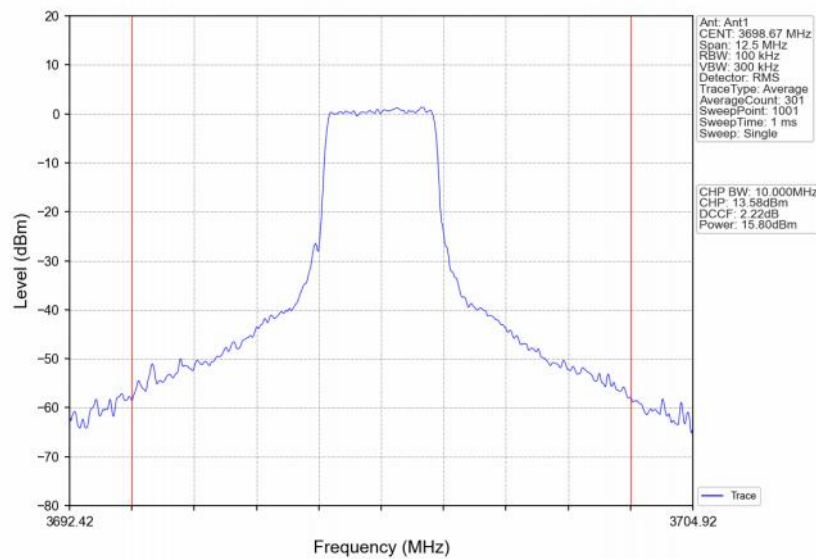
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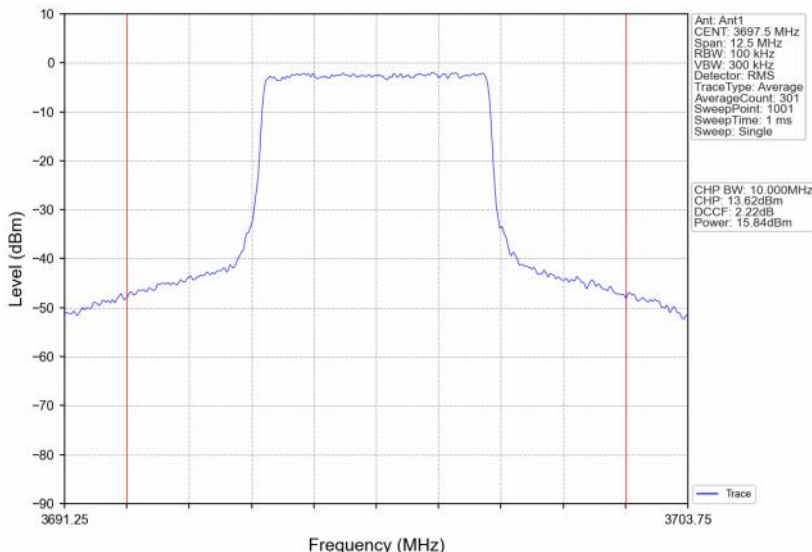


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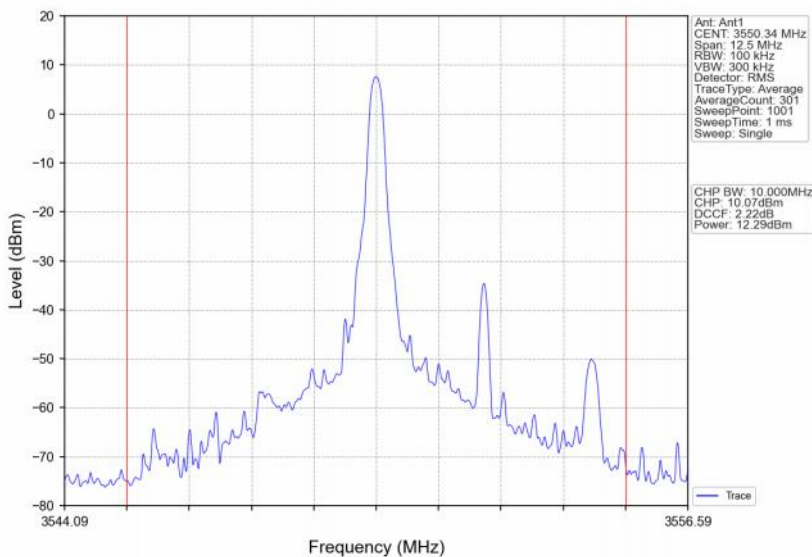
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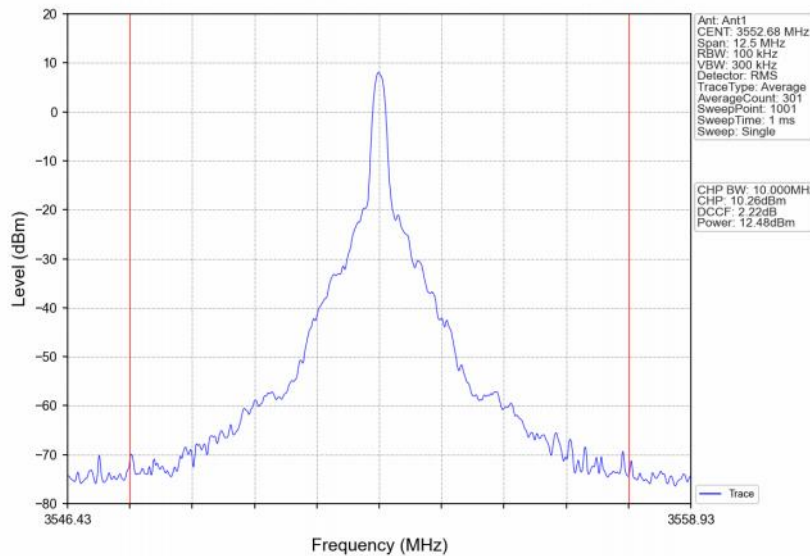


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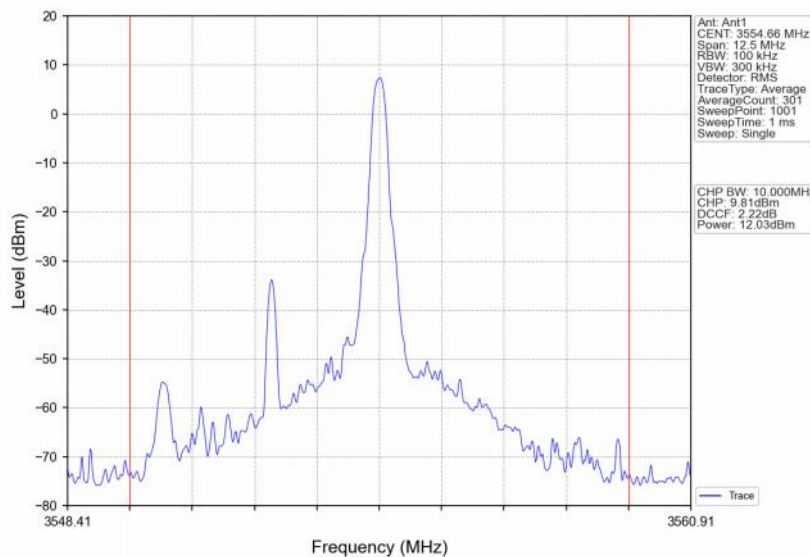
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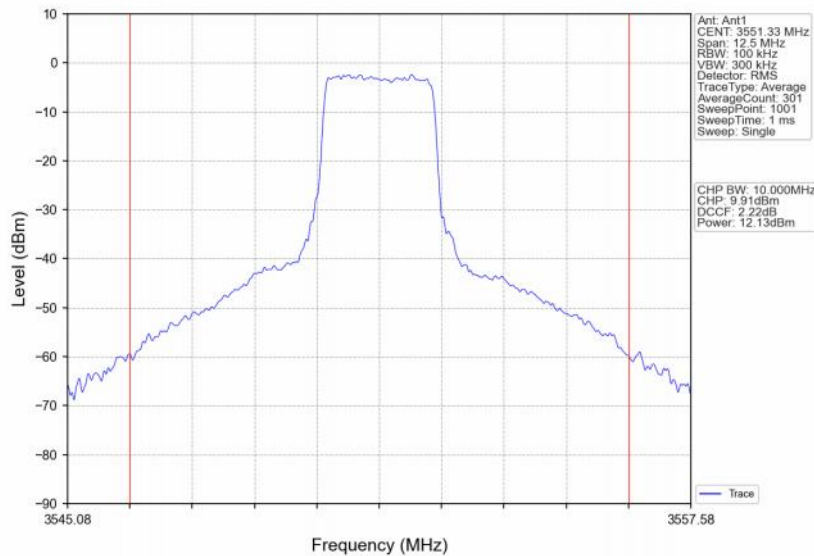


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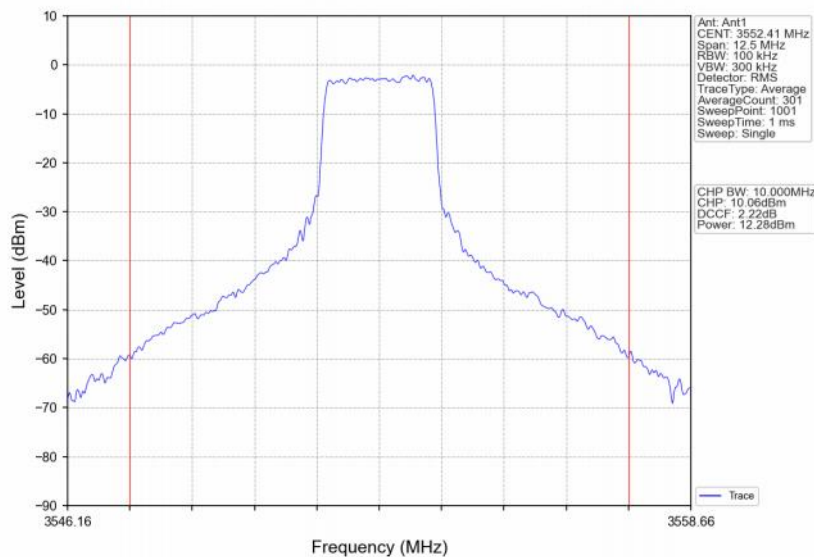
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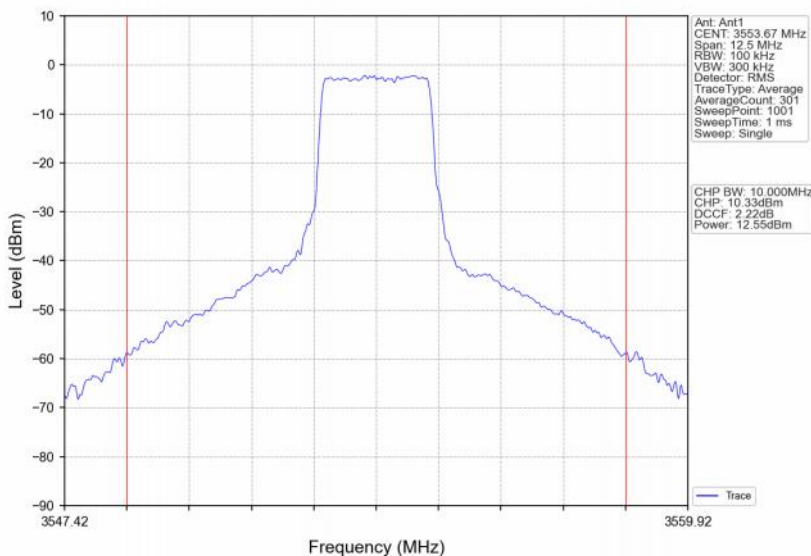


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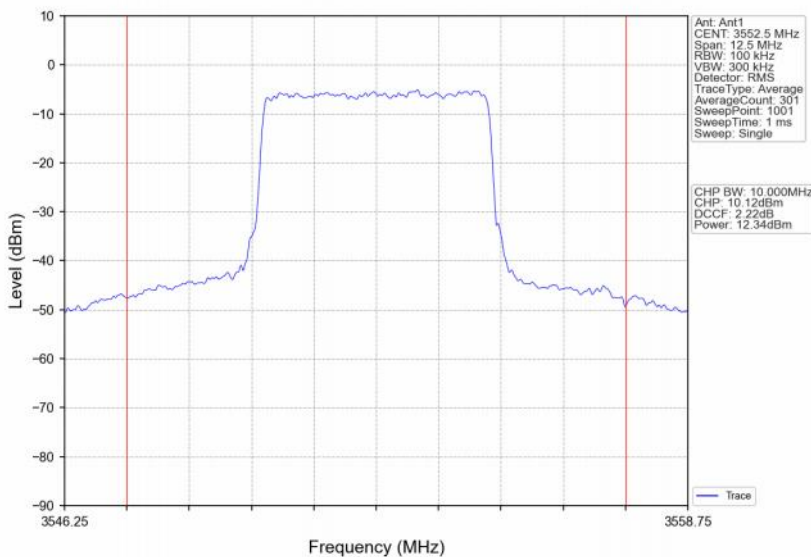
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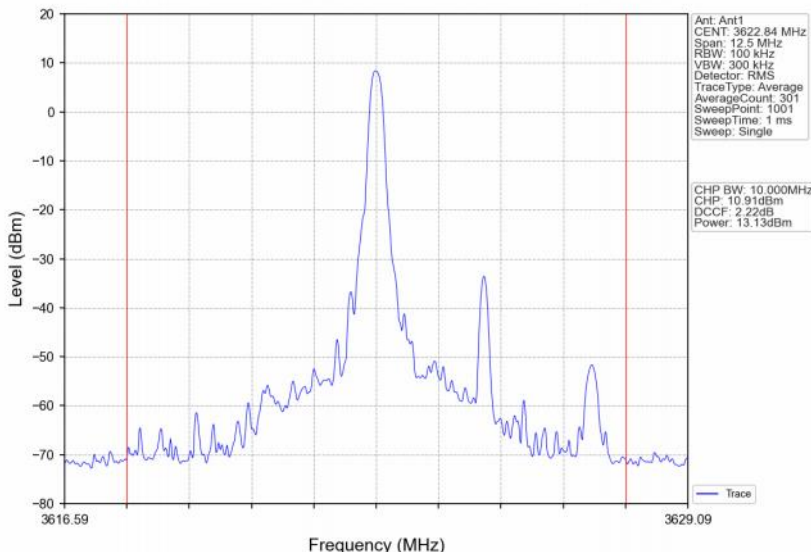


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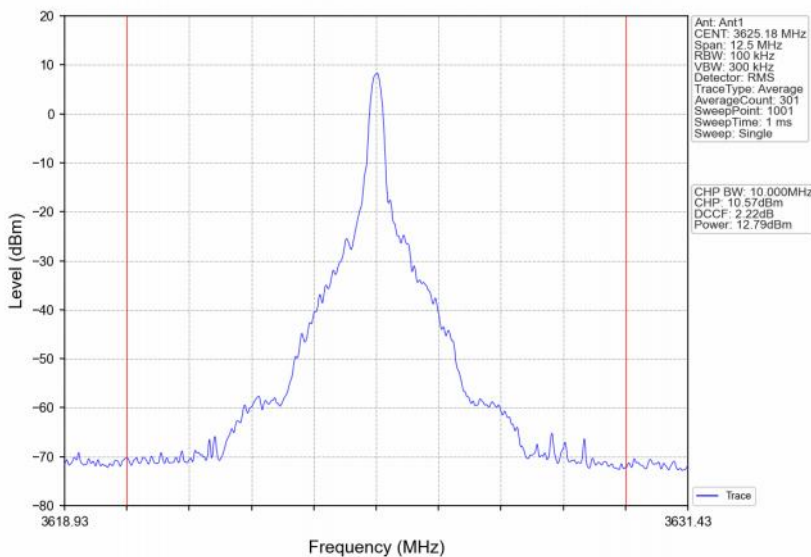
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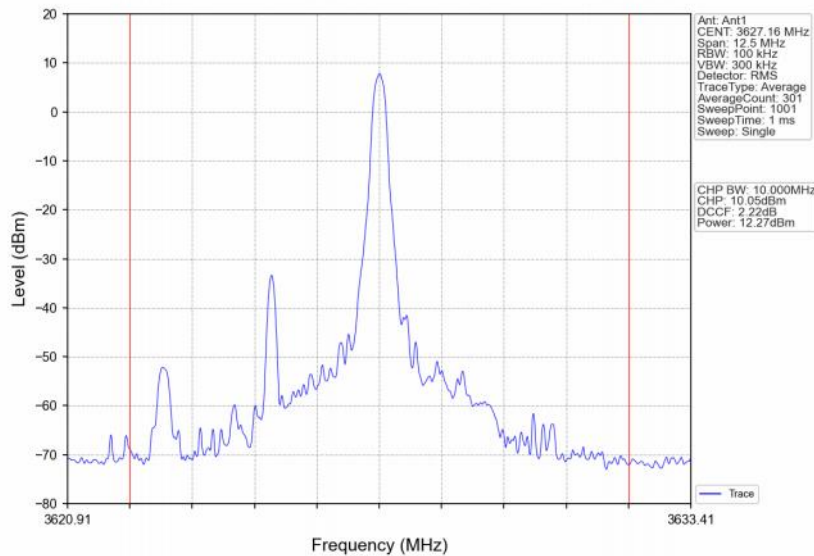


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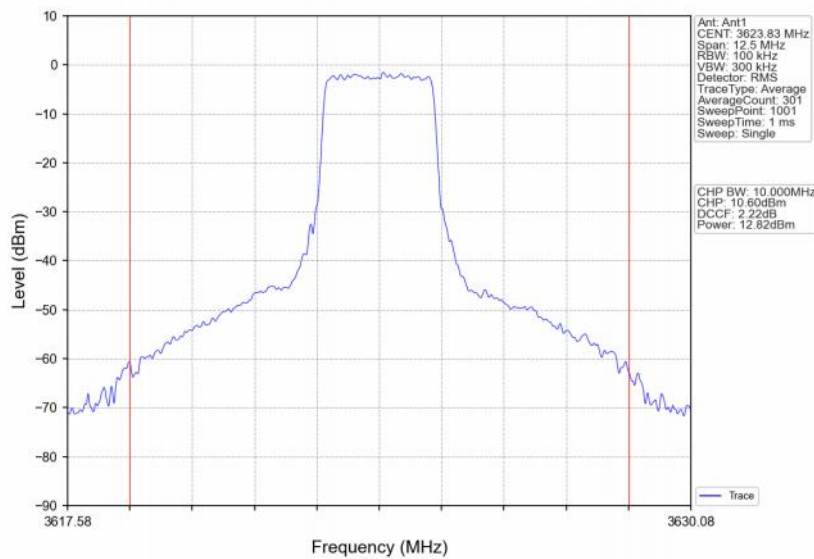
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Band48_5MHz_256QAM_MCH_3625MHz_RB_12_0_NTNV

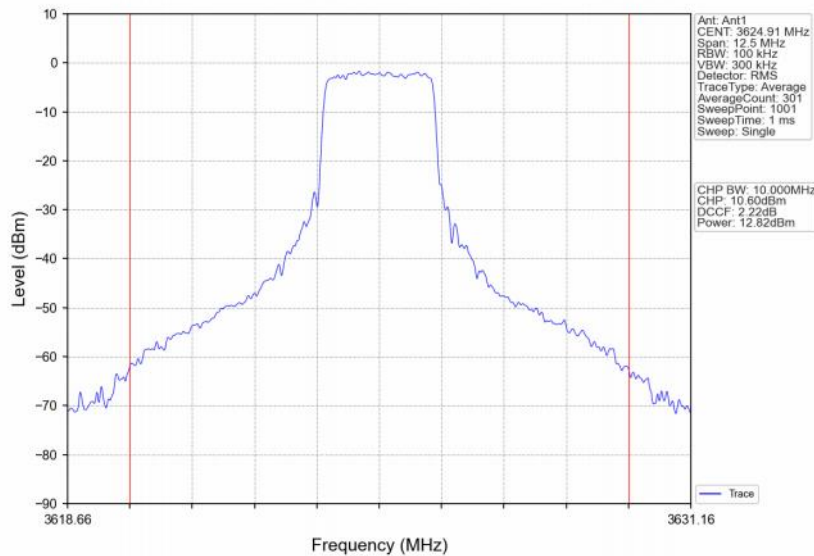


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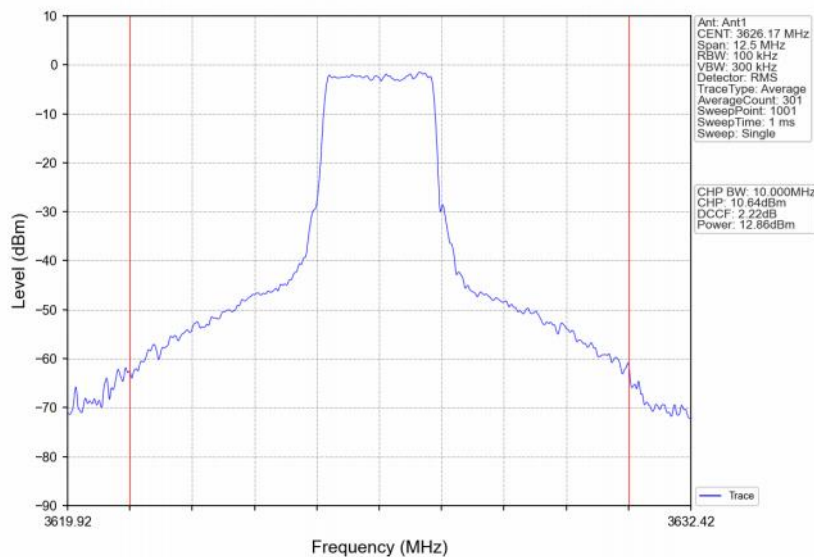
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Band48_5MHz_256QAM_MCH_3625MHz_RB_12_6_NTNV



Band48_5MHz_256QAM_MCH_3625MHz_RB_12_13_NTNV

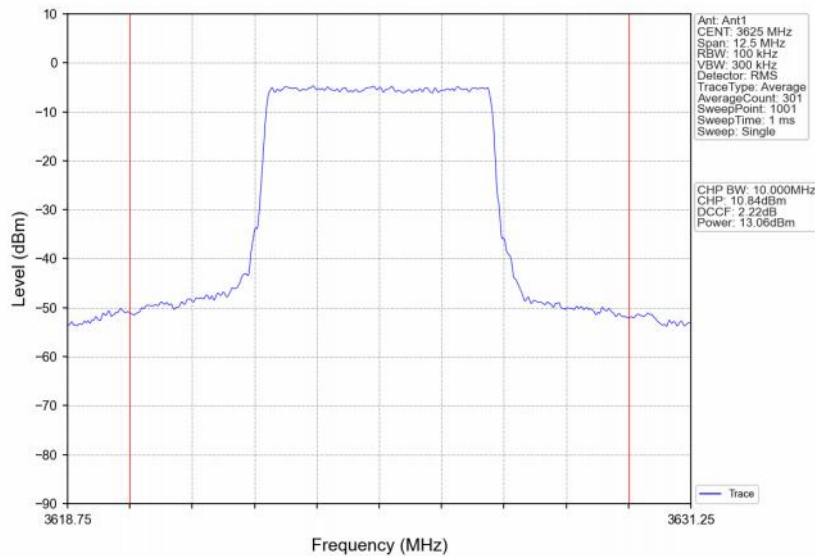


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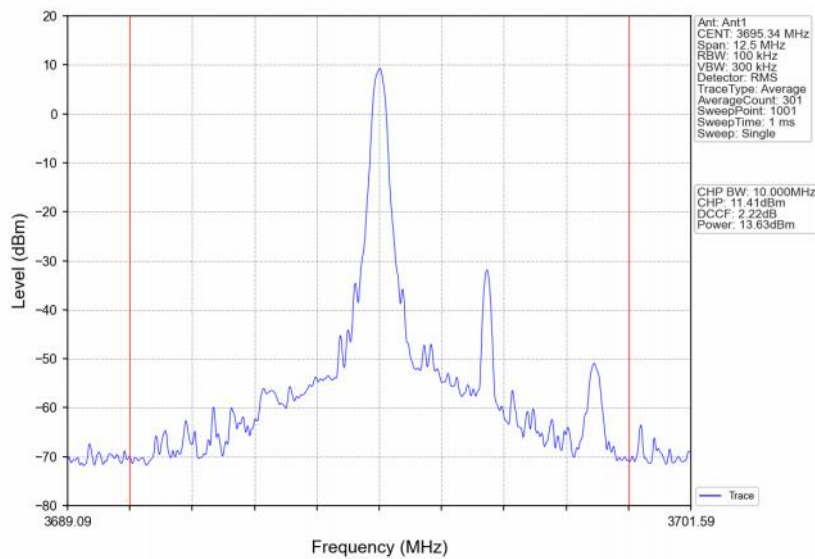
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Band48_5MHz_256QAM_MCH_3625MHz_RB_25_0_NTNV



Band48_5MHz_256QAM_HCH_3697.5MHz_RB_1_0_NTNV

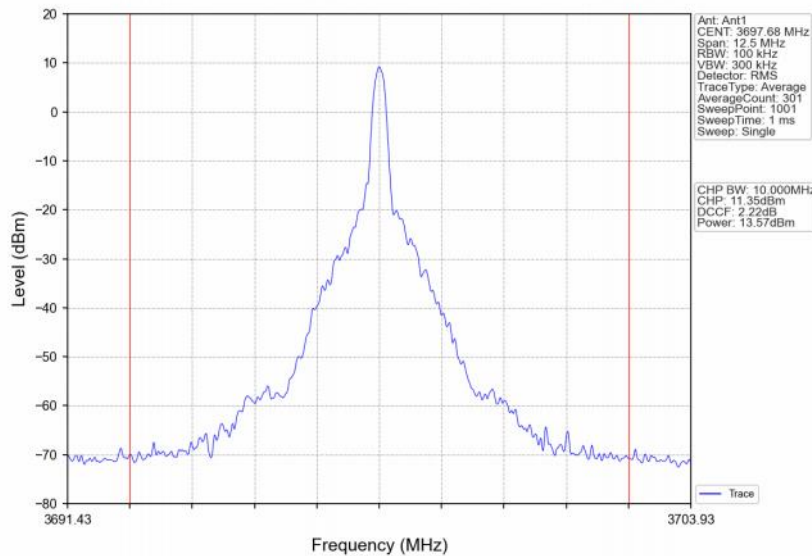


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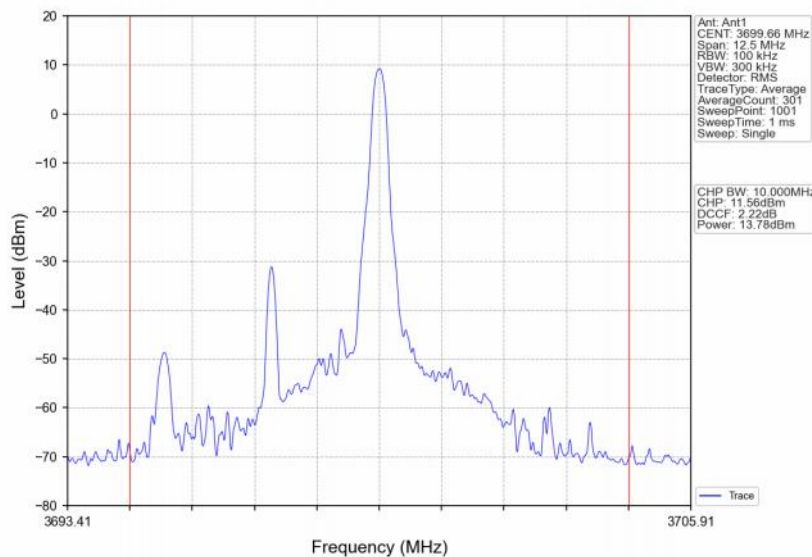
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Band48_5MHz_256QAM_HCH_3697.5MHz_RB_1_13_NTNV



Band48_5MHz_256QAM_HCH_3697.5MHz_RB_1_24_NTNV

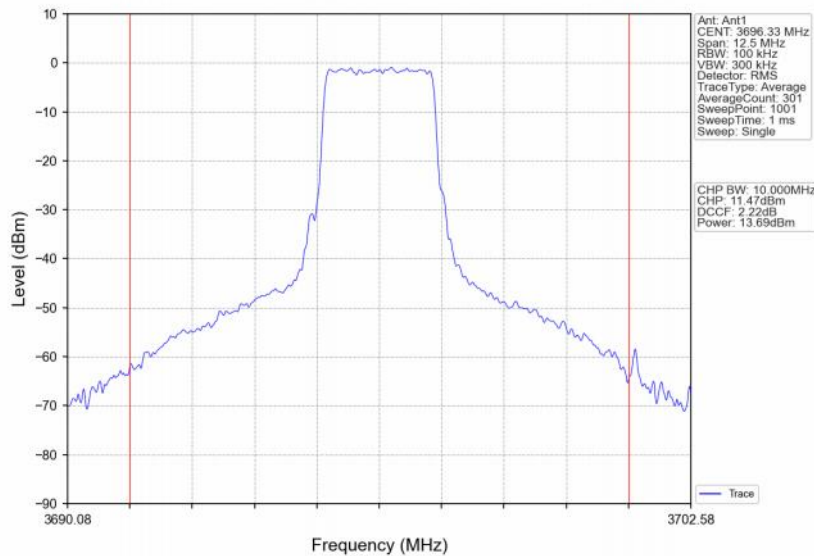


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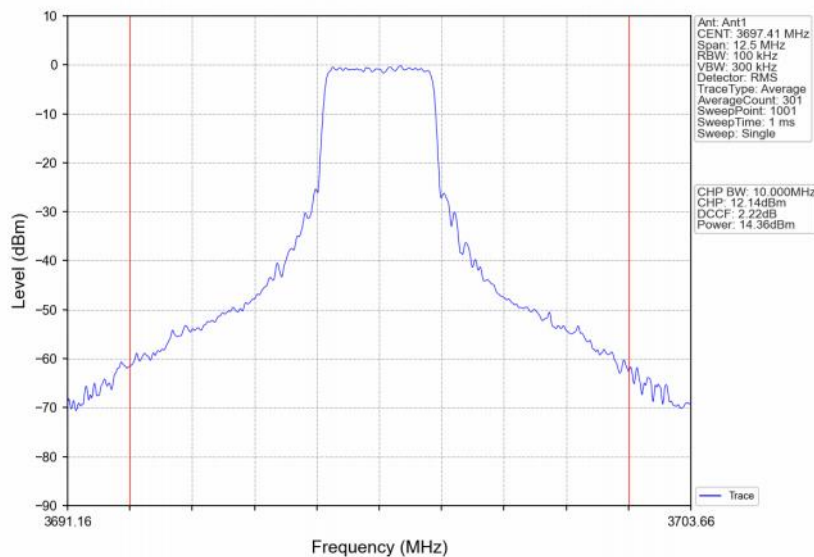
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Band48_5MHz_256QAM_HCH_3697.5MHz_RB_12_0_NTNV



Band48_5MHz_256QAM_HCH_3697.5MHz_RB_12_6_NTNV

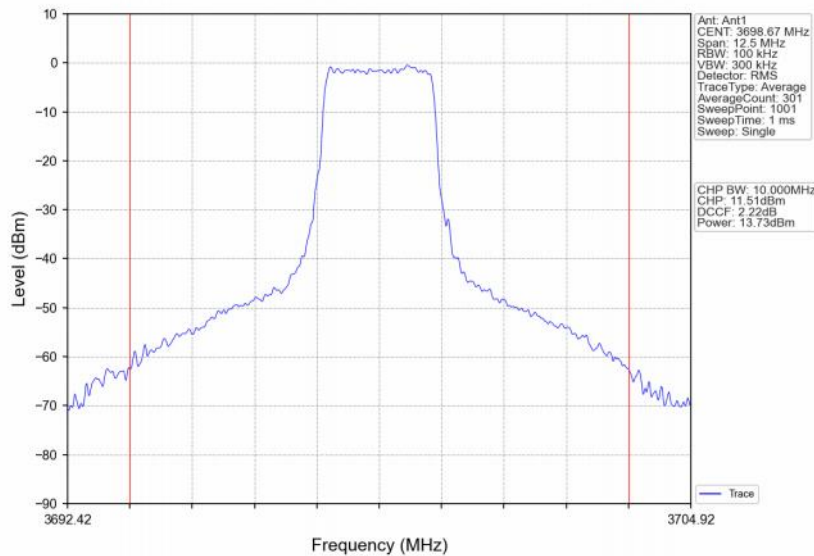


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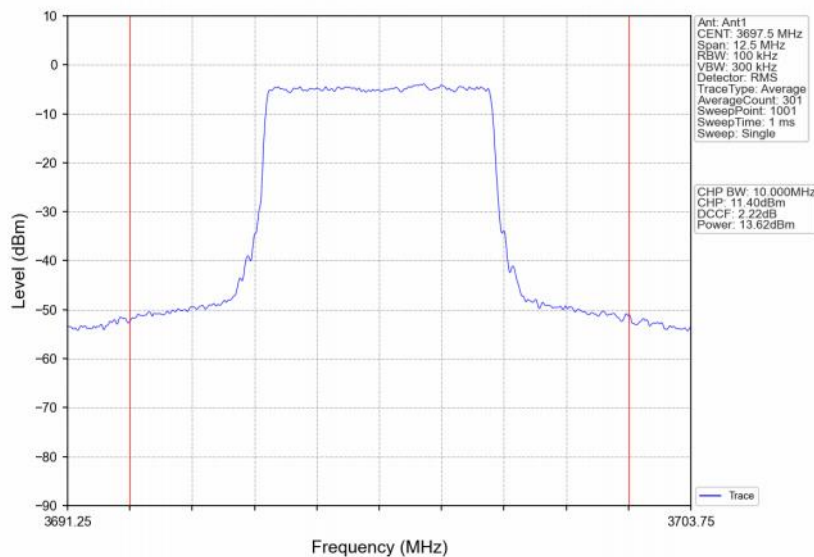
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Band48_5MHz_256QAM_HCH_3697.5MHz_RB_12_13_NTNV



Band48_5MHz_256QAM_HCH_3697.5MHz_RB_25_0_NTNV



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2.2 B48_10MHz_EIRP

2.2.1 Test Result

Band: 48 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dbi)	EIRP (dBm/10MHz)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3555	1	0	17.34	3.10	20.44	<=23	Pass		
			25	17.49	3.10	20.59	<=23	Pass		
			49	17.40	3.10	20.50	<=23	Pass		
		25	0	16.47	3.10	19.57	<=23	Pass		
			13	16.61	3.10	19.71	<=23	Pass		
			25	16.47	3.10	19.57	<=23	Pass		
		50	0	16.51	3.10	19.61	<=23	Pass		
		3625	1	0	18.78	3.10	21.88	<=23	Pass	
				25	19.07	3.10	22.17	<=23	Pass	
	49			18.86	3.10	21.96	<=23	Pass		
	25		0	17.70	3.10	20.80	<=23	Pass		
			13	17.69	3.10	20.79	<=23	Pass		
			25	17.84	3.10	20.94	<=23	Pass		
	50		0	17.74	3.10	20.84	<=23	Pass		
	3695		1	0	19.63	3.10	22.73	<=23	Pass	
				25	19.60	3.10	22.70	<=23	Pass	
		49		19.63	3.10	22.73	<=23	Pass		
		25	0	18.70	3.10	21.80	<=23	Pass		
			13	18.79	3.10	21.89	<=23	Pass		
			25	18.49	3.10	21.59	<=23	Pass		
		50	0	18.61	3.10	21.71	<=23	Pass		
		16QAM	3555	1	0	16.29	3.10	19.39	<=23	Pass
					25	16.52	3.10	19.62	<=23	Pass
	49				16.47	3.10	19.57	<=23	Pass	
25	0			15.35	3.10	18.45	<=23	Pass		
	13			15.51	3.10	18.61	<=23	Pass		
	25			15.43	3.10	18.53	<=23	Pass		
50	0			15.45	3.10	18.55	<=23	Pass		
3625	1			0	17.84	3.10	20.94	<=23	Pass	
				25	17.94	3.10	21.04	<=23	Pass	
			49	18.25	3.10	21.35	<=23	Pass		
	25		0	16.96	3.10	20.06	<=23	Pass		
			13	17.06	3.10	20.16	<=23	Pass		
			25	16.91	3.10	20.01	<=23	Pass		
	50		0	16.86	3.10	19.96	<=23	Pass		
	3695		1	0	18.78	3.10	21.88	<=23	Pass	
				25	18.90	3.10	22.00	<=23	Pass	
49				18.78	3.10	21.88	<=23	Pass		
25			0	17.57	3.10	20.67	<=23	Pass		
			13	17.84	3.10	20.94	<=23	Pass		
			25	17.89	3.10	20.99	<=23	Pass		
50			0	17.91	3.10	21.01	<=23	Pass		
64QAM			3555	1	0	15.04	3.10	18.14	<=23	Pass
					25	15.55	3.10	18.65	<=23	Pass
	49				15.58	3.10	18.68	<=23	Pass	
	25	0		14.53	3.10	17.63	<=23	Pass		



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256QAM	3625	50	13	14.44	3.10	17.54	<=23	Pass	
			25	14.47	3.10	17.57	<=23	Pass	
			0	14.33	3.10	17.43	<=23	Pass	
		1	25	0	16.98	3.10	20.08	<=23	Pass
				25	17.16	3.10	20.26	<=23	Pass
				49	17.03	3.10	20.13	<=23	Pass
			50	0	15.89	3.10	18.99	<=23	Pass
				13	15.96	3.10	19.06	<=23	Pass
				25	15.85	3.10	18.95	<=23	Pass
	3695	1	0	17.61	3.10	20.71	<=23	Pass	
			25	17.53	3.10	20.63	<=23	Pass	
			49	17.87	3.10	20.97	<=23	Pass	
		25	0	16.63	3.10	19.73	<=23	Pass	
			13	16.98	3.10	20.08	<=23	Pass	
			25	16.81	3.10	19.91	<=23	Pass	
		50	0	16.91	3.10	20.01	<=23	Pass	
		3555	1	0	12.36	3.10	15.46	<=23	Pass
				25	12.54	3.10	15.64	<=23	Pass
	49			12.32	3.10	15.42	<=23	Pass	
	25		0	12.45	3.10	15.55	<=23	Pass	
			13	12.47	3.10	15.57	<=23	Pass	
			25	12.65	3.10	15.75	<=23	Pass	
	50		0	12.55	3.10	15.65	<=23	Pass	
	3625		1	0	13.82	3.10	16.92	<=23	Pass
25				13.74	3.10	16.84	<=23	Pass	
49				13.96	3.10	17.06	<=23	Pass	
25			0	13.99	3.10	17.09	<=23	Pass	
			13	13.80	3.10	16.90	<=23	Pass	
			25	13.77	3.10	16.87	<=23	Pass	
50	0		13.97	3.10	17.07	<=23	Pass		
3695	1		0	14.77	3.10	17.87	<=23	Pass	
		25	15.05	3.10	18.15	<=23	Pass		
		49	14.64	3.10	17.74	<=23	Pass		
	25	0	14.75	3.10	17.85	<=23	Pass		
		13	14.73	3.10	17.83	<=23	Pass		
		25	14.64	3.10	17.74	<=23	Pass		
	50	0	14.69	3.10	17.79	<=23	Pass		

Note1: EIRP=Conducted Power+Antenna Gain



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Band: 48 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3555	1	0	17.22	3.10	20.32	<=23	Pass		
			25	17.53	3.10	20.63	<=23	Pass		
			49	17.61	3.10	20.71	<=23	Pass		
		25	0	16.65	3.10	19.75	<=23	Pass		
			13	16.71	3.10	19.81	<=23	Pass		
			25	16.55	3.10	19.65	<=23	Pass		
		50	0	19.03	3.10	22.13	<=23	Pass		
		3625	1	0	18.81	3.10	21.91	<=23	Pass	
				25	19.06	3.10	22.16	<=23	Pass	
	49			18.49	3.10	21.59	<=23	Pass		
	25		0	17.86	3.10	20.96	<=23	Pass		
			13	17.65	3.10	20.75	<=23	Pass		
			25	17.69	3.10	20.79	<=23	Pass		
	50		0	20.23	3.10	23.33	<=23	Pass		
	3695		1	0	19.56	3.10	22.66	<=23	Pass	
				25	19.46	3.10	22.56	<=23	Pass	
		49		18.98	3.10	22.08	<=23	Pass		
		25	0	18.91	3.10	22.01	<=23	Pass		
			13	18.53	3.10	21.63	<=23	Pass		
			25	18.56	3.10	21.66	<=23	Pass		
		50	0	21.03	3.10	24.13	<=23	Pass		
		16QAM	3555	1	0	16.36	3.10	19.46	<=23	Pass
					25	16.36	3.10	19.46	<=23	Pass
	49				16.46	3.10	19.56	<=23	Pass	
25	0			15.34	3.10	18.44	<=23	Pass		
	13			15.41	3.10	18.51	<=23	Pass		
	25			15.39	3.10	18.49	<=23	Pass		
50	0			18.21	3.10	21.31	<=23	Pass		
3625	1			0	17.63	3.10	20.73	<=23	Pass	
				25	17.82	3.10	20.92	<=23	Pass	
			49	18.36	3.10	21.46	<=23	Pass		
	25		0	17.03	3.10	20.13	<=23	Pass		
			13	17.01	3.10	20.11	<=23	Pass		
			25	16.84	3.10	19.94	<=23	Pass		
	50		0	19.26	3.10	22.36	<=23	Pass		
	3695		1	0	18.97	3.10	22.07	<=23	Pass	
				25	18.83	3.10	21.93	<=23	Pass	
49				18.39	3.10	21.49	<=23	Pass		
25			0	17.61	3.10	20.71	<=23	Pass		
			13	17.36	3.10	20.46	<=23	Pass		
			25	17.56	3.10	20.66	<=23	Pass		
50			0	20.12	3.10	23.22	<=23	Pass		
64QAM			3555	1	0	15.35	3.10	18.45	<=23	Pass
					25	15.64	3.10	18.74	<=23	Pass
	49				15.49	3.10	18.59	<=23	Pass	
	25	0		14.36	3.10	17.46	<=23	Pass		
		13		14.31	3.10	17.41	<=23	Pass		
		25		14.39	3.10	17.49	<=23	Pass		
	50	0		17.03	3.10	20.13	<=23	Pass		
	3625	1		0	16.84	3.10	19.94	<=23	Pass	
				25	17.03	3.10	20.13	<=23	Pass	



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256QAM	3695	25	49	17.31	3.10	20.41	<=23	Pass
			0	16.03	3.10	19.13	<=23	Pass
			13	15.84	3.10	18.94	<=23	Pass
		50	25	15.69	3.10	18.79	<=23	Pass
			0	18.26	3.10	21.36	<=23	Pass
			0	17.75	3.10	20.85	<=23	Pass
		1	25	17.65	3.10	20.75	<=23	Pass
			49	17.39	3.10	20.49	<=23	Pass
			0	16.56	3.10	19.66	<=23	Pass
	13		16.97	3.10	20.07	<=23	Pass	
	25		16.86	3.10	19.96	<=23	Pass	
	50		19.53	3.10	22.63	<=23	Pass	
	3555	1	0	12.69	3.10	15.79	<=23	Pass
			25	12.31	3.10	15.41	<=23	Pass
			49	12.41	3.10	15.51	<=23	Pass
		25	0	12.36	3.10	15.46	<=23	Pass
			13	12.41	3.10	15.51	<=23	Pass
			25	12.55	3.10	15.65	<=23	Pass
50		15.23	3.10	18.33	<=23	Pass		
3625		1	0	13.76	3.10	16.86	<=23	Pass
			25	13.56	3.10	16.66	<=23	Pass
	49		13.74	3.10	16.84	<=23	Pass	
	25	0	13.81	3.10	16.91	<=23	Pass	
		13	13.76	3.10	16.86	<=23	Pass	
		25	13.69	3.10	16.79	<=23	Pass	
50	16.55	3.10	19.65	<=23	Pass			
3695	1	0	15.25	3.10	18.35	<=23	Pass	
		25	15.31	3.10	18.41	<=23	Pass	
		49	14.66	3.10	17.76	<=23	Pass	
	25	0	14.91	3.10	18.01	<=23	Pass	
		13	14.66	3.10	17.76	<=23	Pass	
		25	14.39	3.10	17.49	<=23	Pass	
50	17.11	3.10	20.21	<=23	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

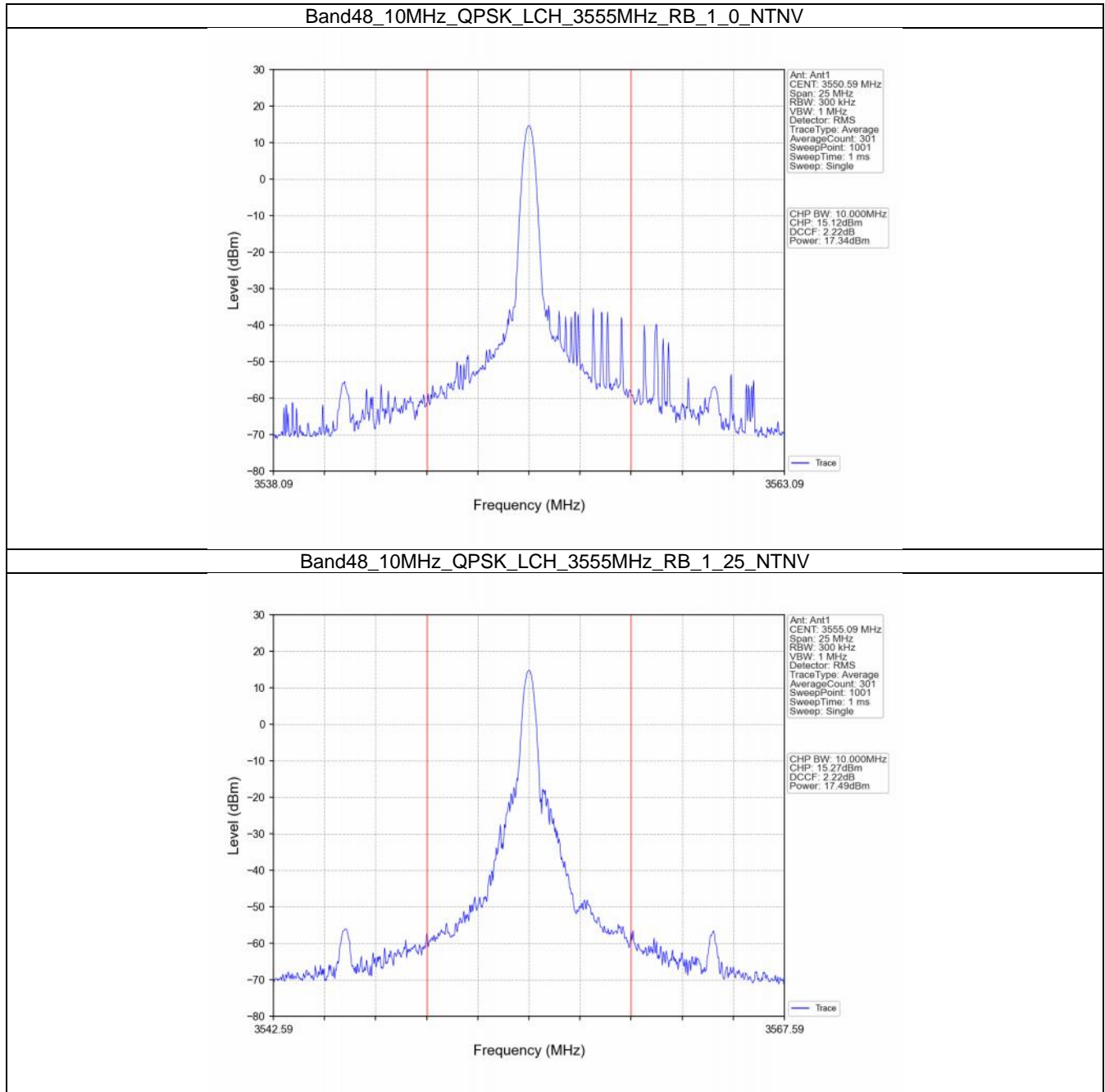


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2.2.2 Test Graph

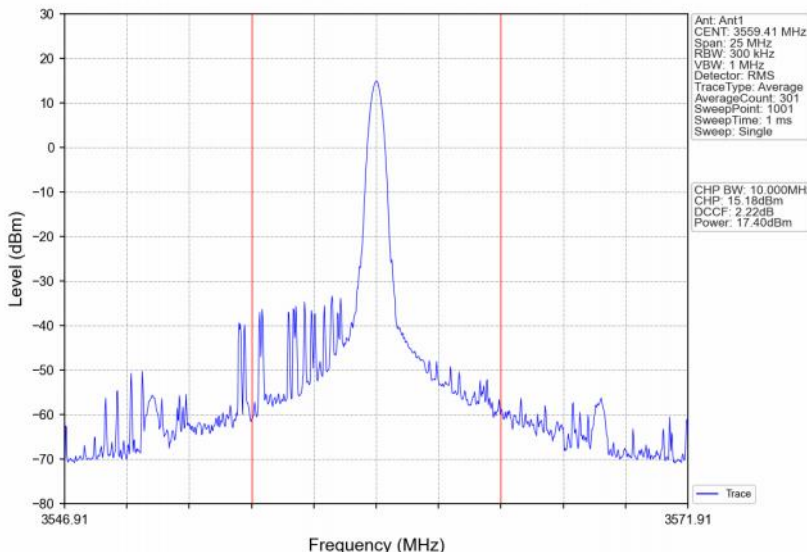


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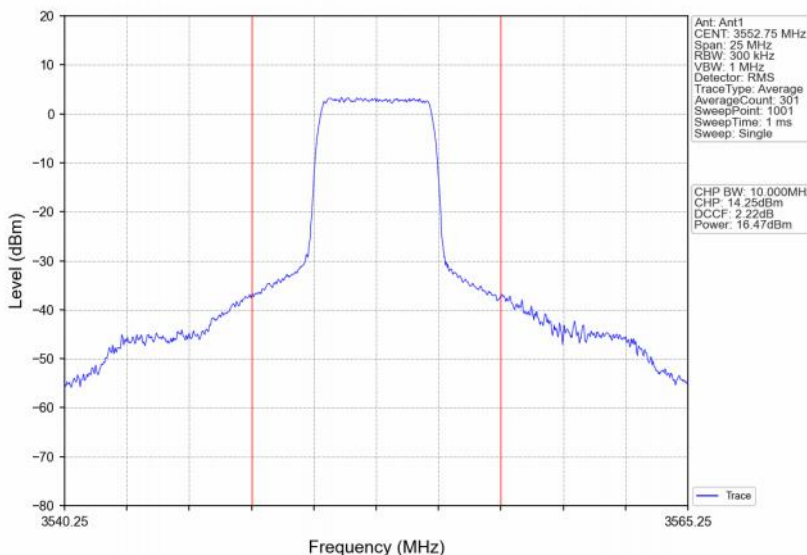
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Band48_10MHz_QPSK_LCH_3555MHz_RB_1_49_NTNV



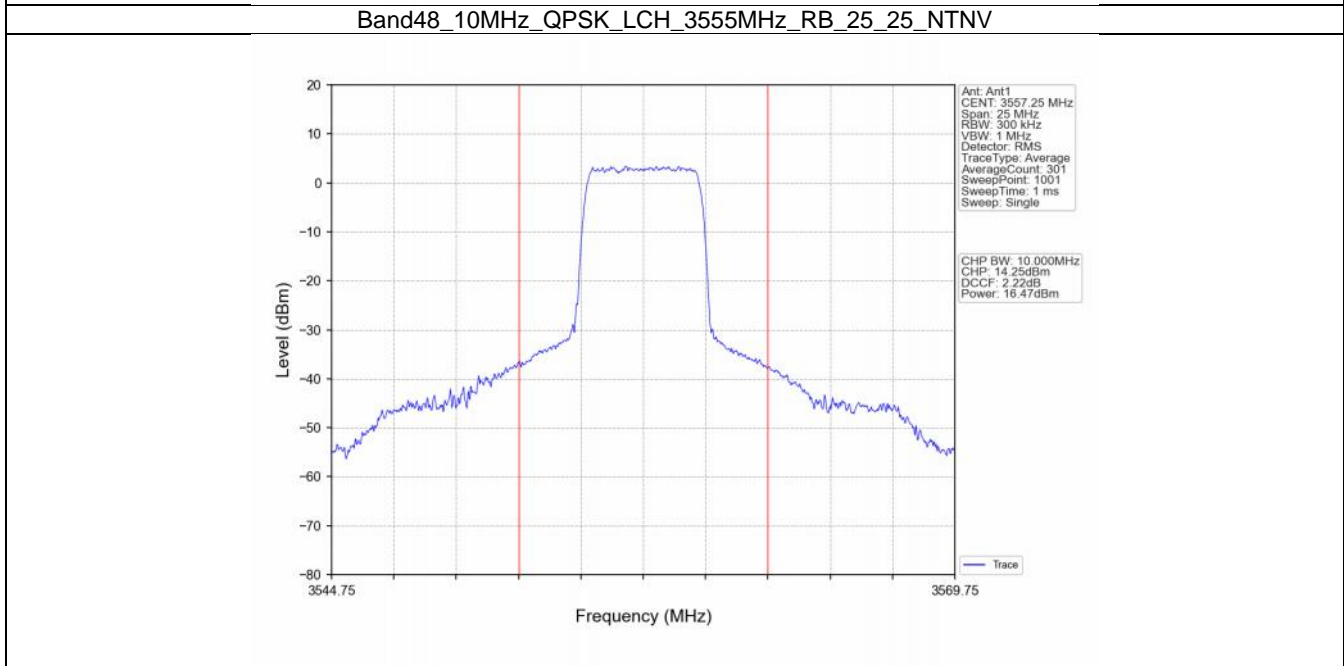
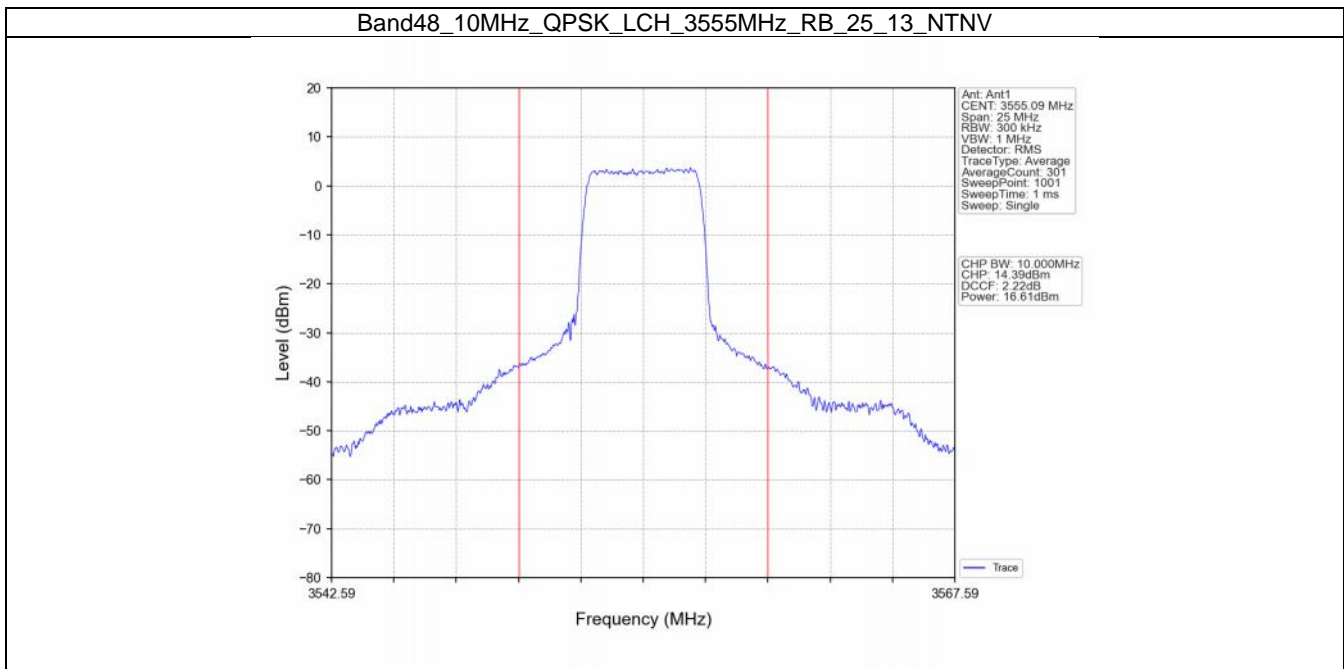
Band48_10MHz_QPSK_LCH_3555MHz_RB_25_0_NTNV



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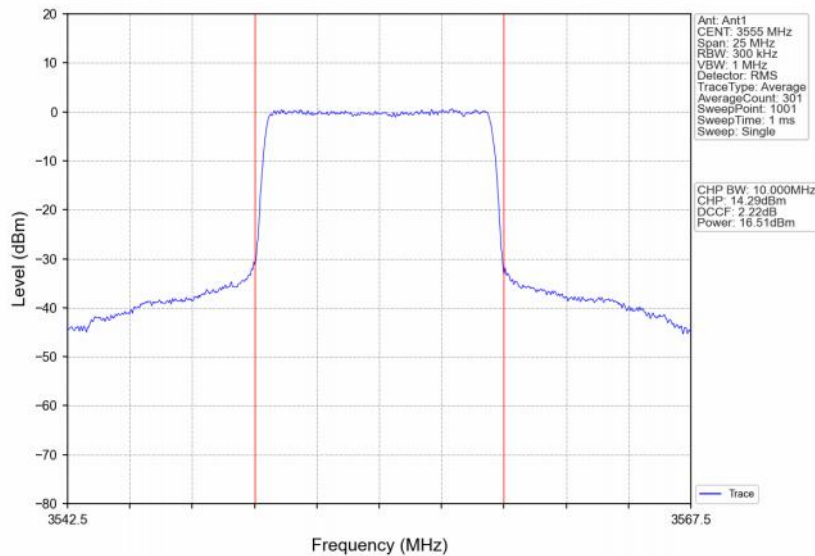


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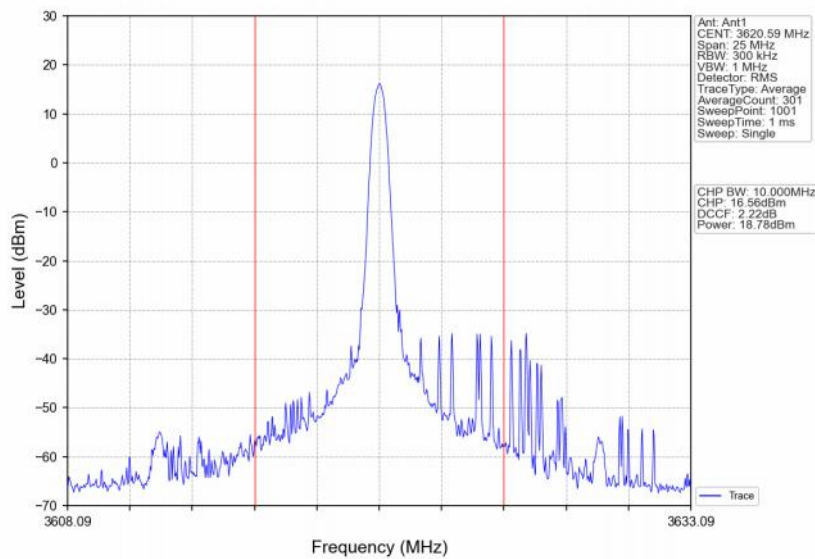
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Band48_10MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV

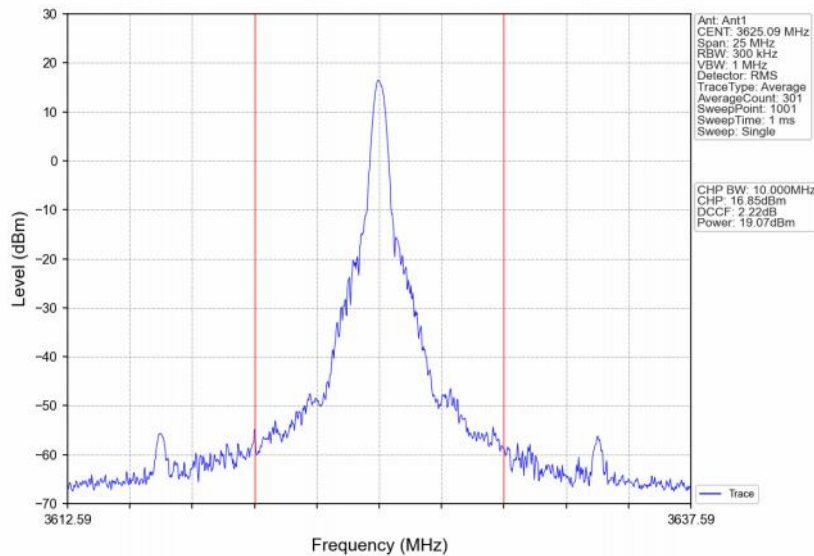


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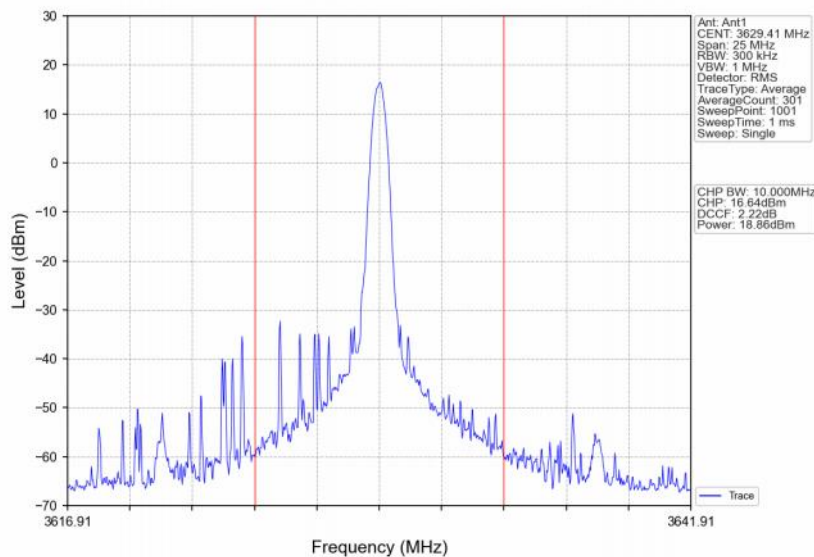
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Band48_10MHz_QPSK_MCH_3625MHz_RB_1_49_NTNV

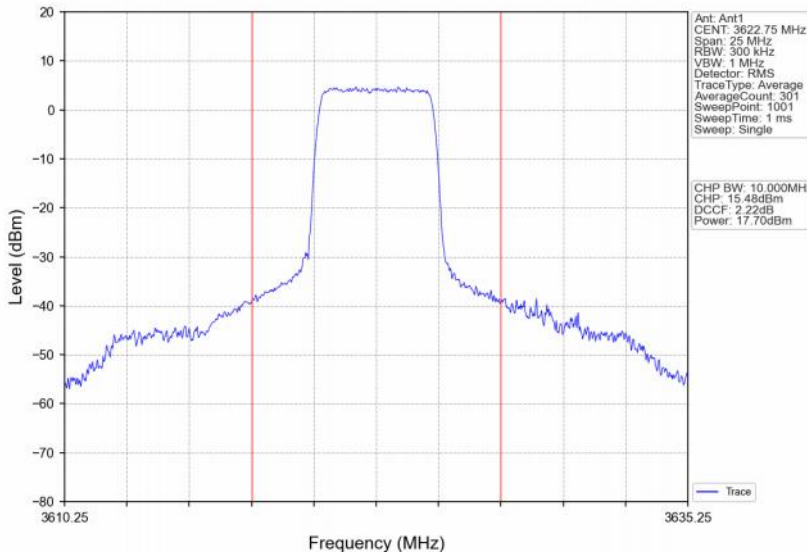


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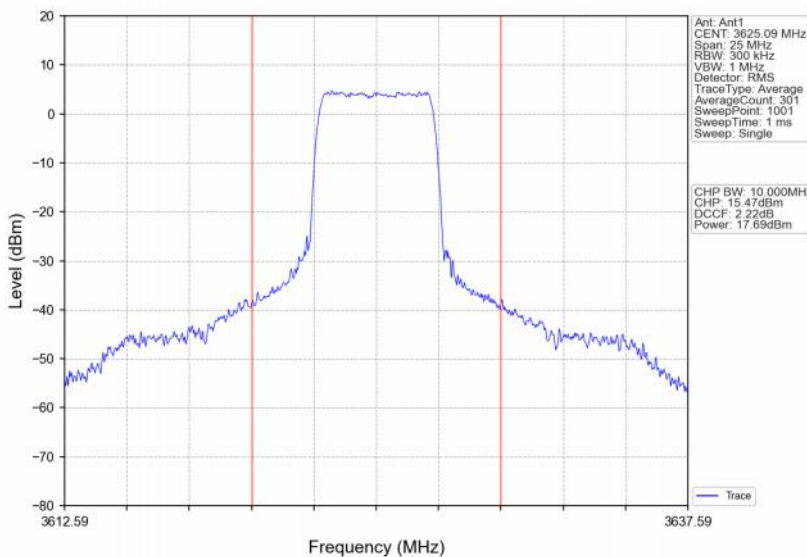
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Band48_10MHz_QPSK_MCH_3625MHz_RB_25_13_NTNV

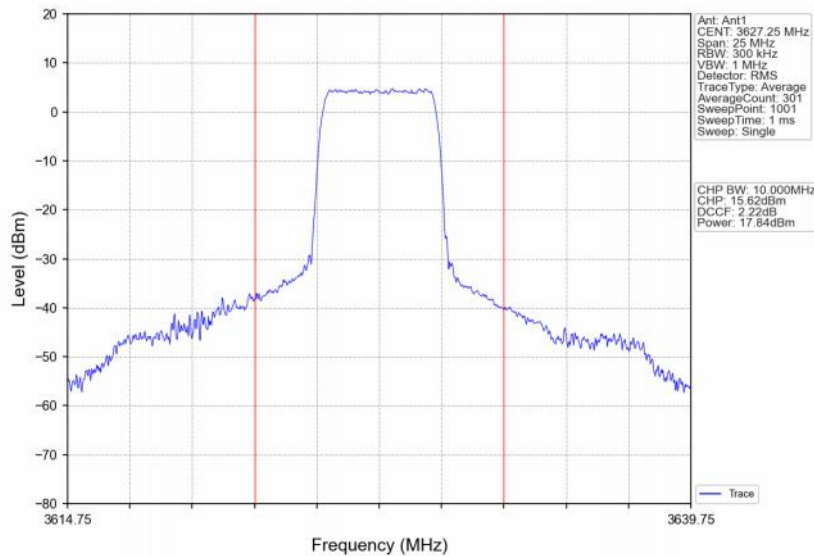


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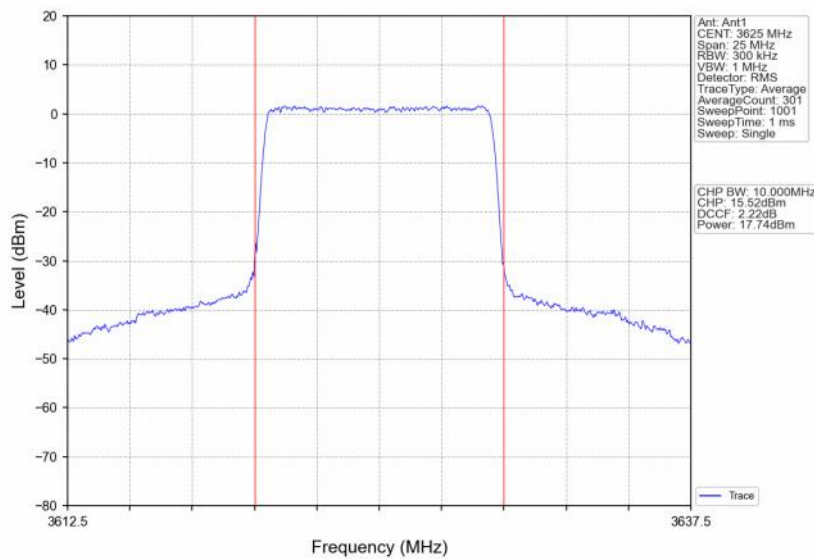
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Band48_10MHz_QPSK_MCH_3625MHz_RB_50_0_NTNV

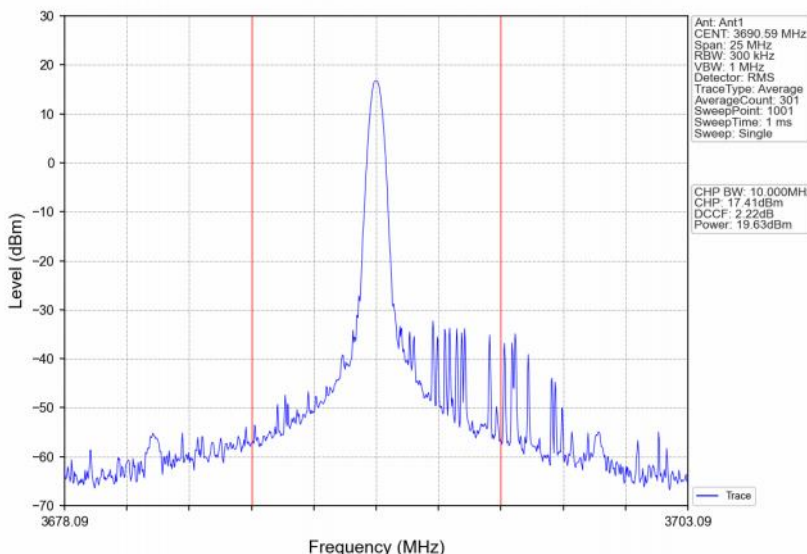


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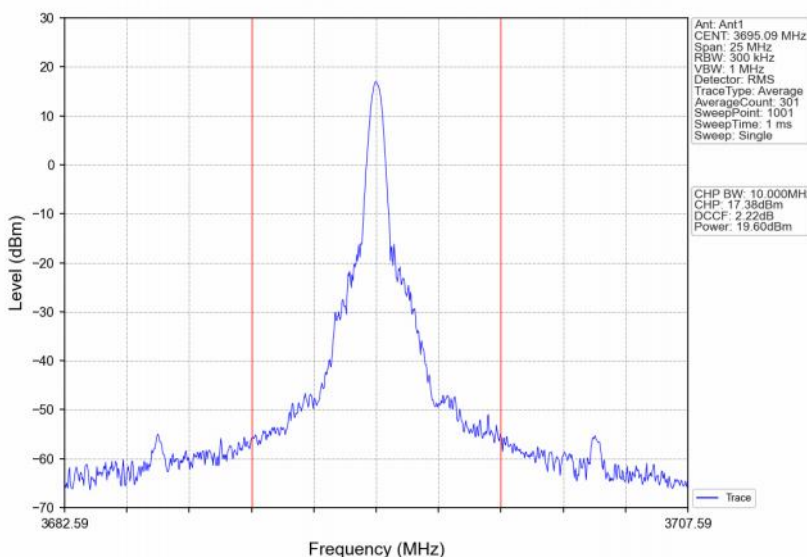
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Band48_10MHz_QPSK_HCH_3695MHz_RB_1_25_NTNV

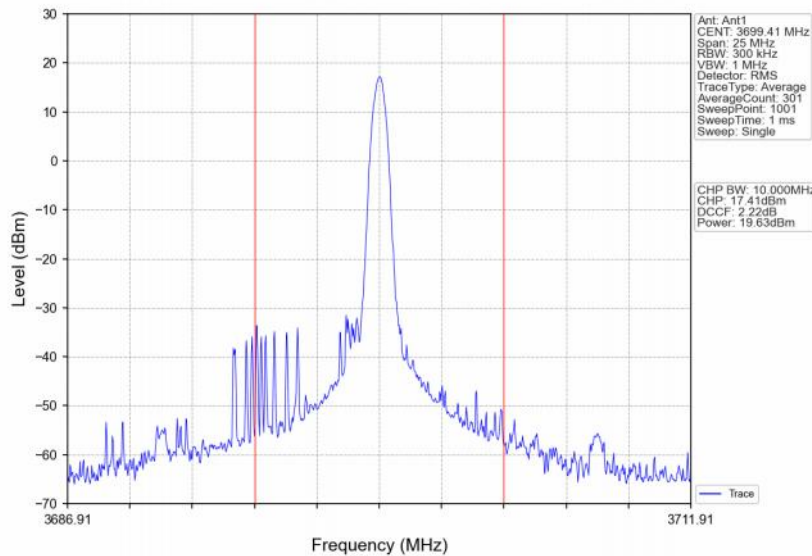


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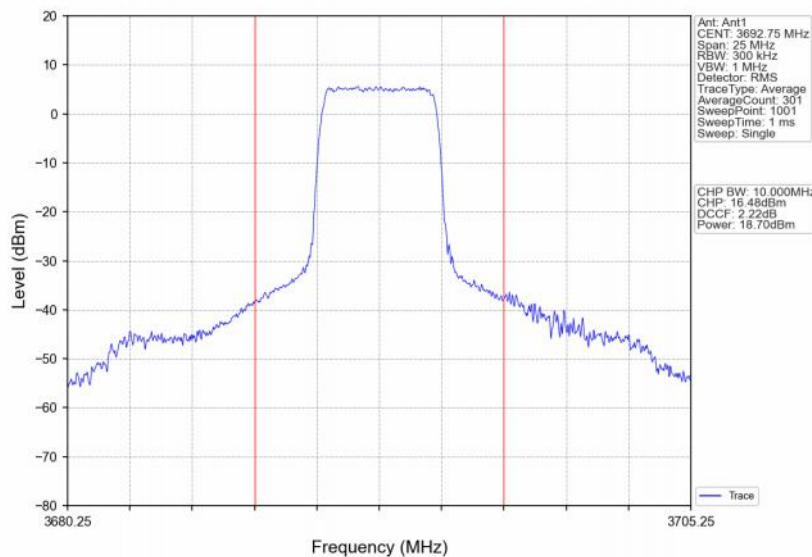
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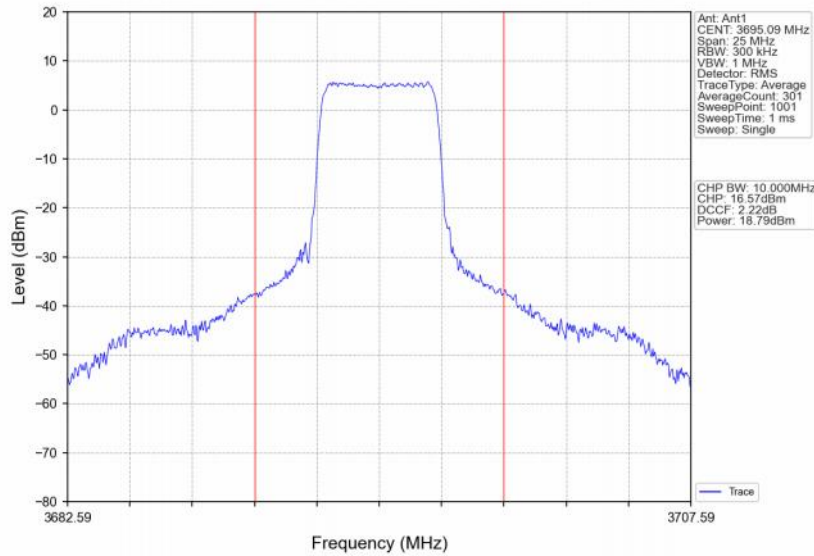


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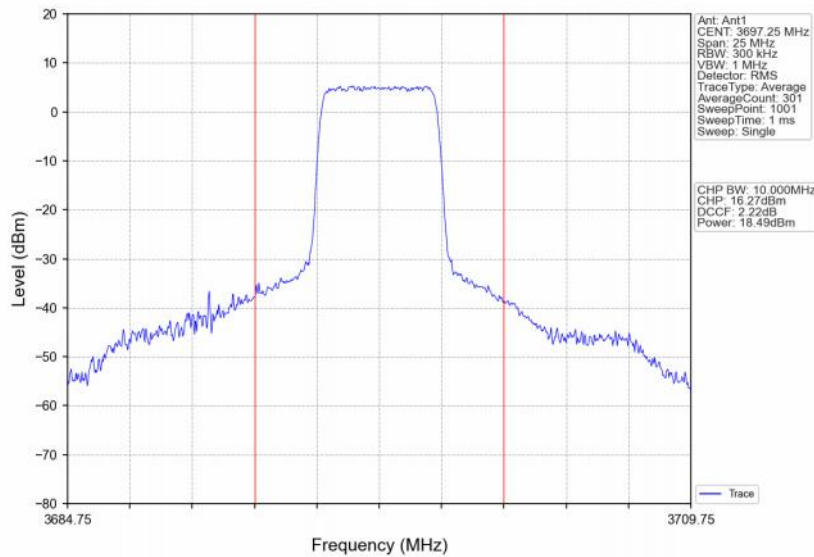
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Band48_10MHz_QPSK_HCH_3695MHz_RB_25_25_NTNV

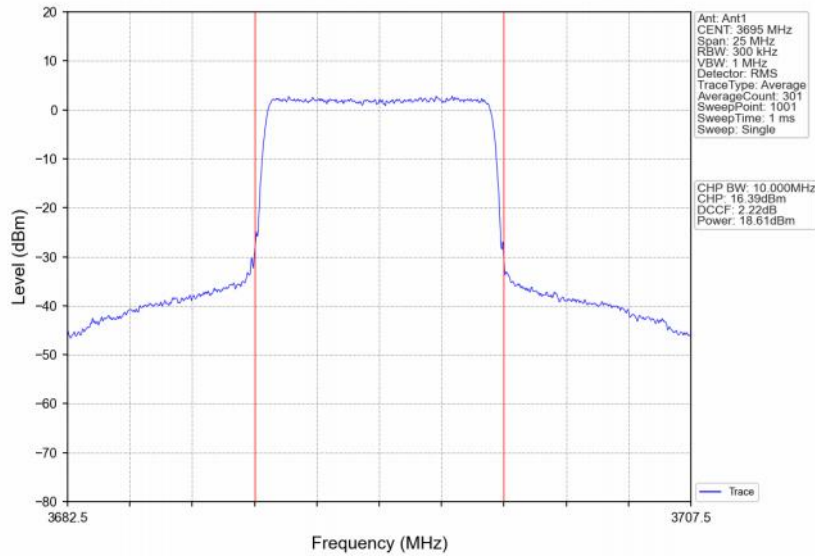


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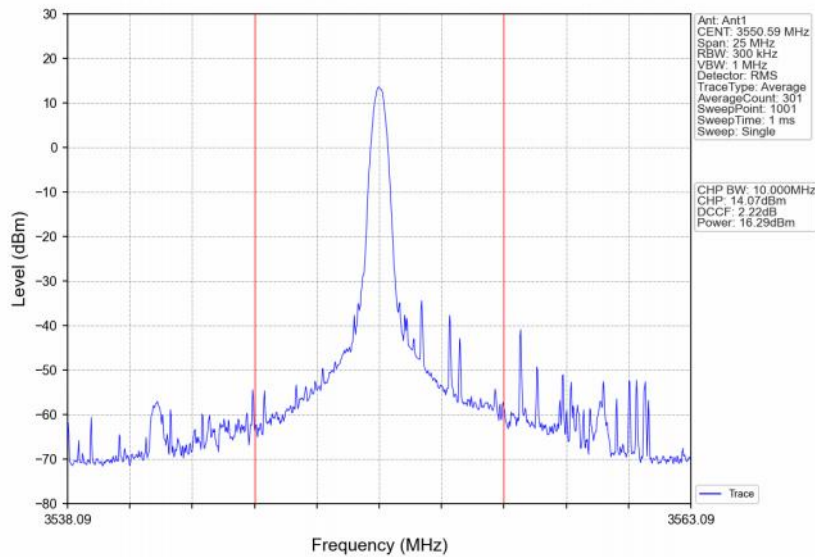
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Band48_10MHz_16QAM_LCH_3555MHz_RB_1_0_NTNV

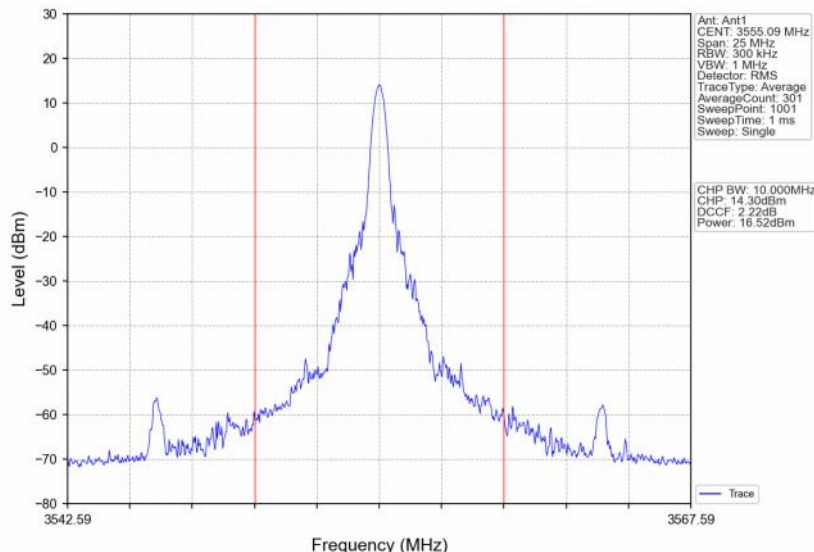


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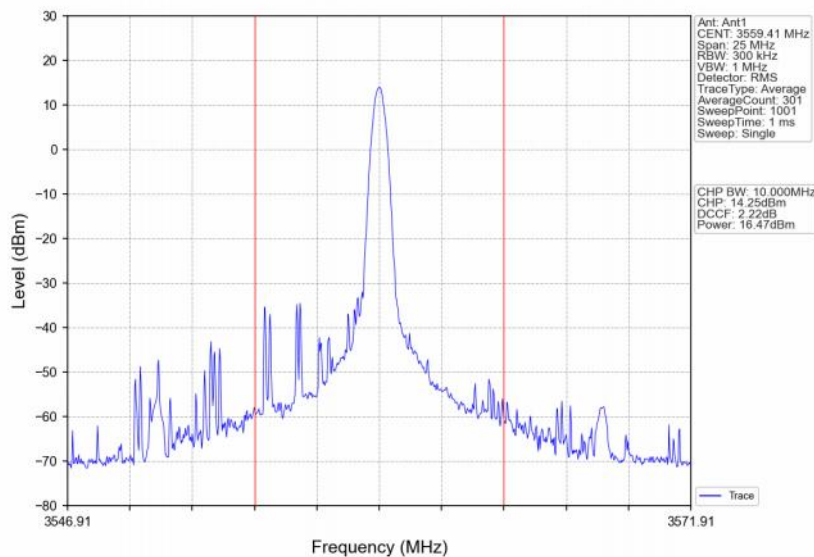
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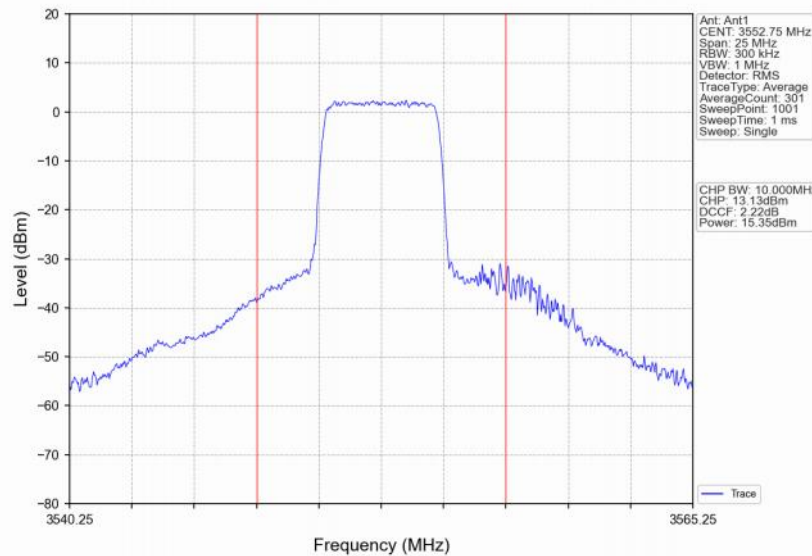


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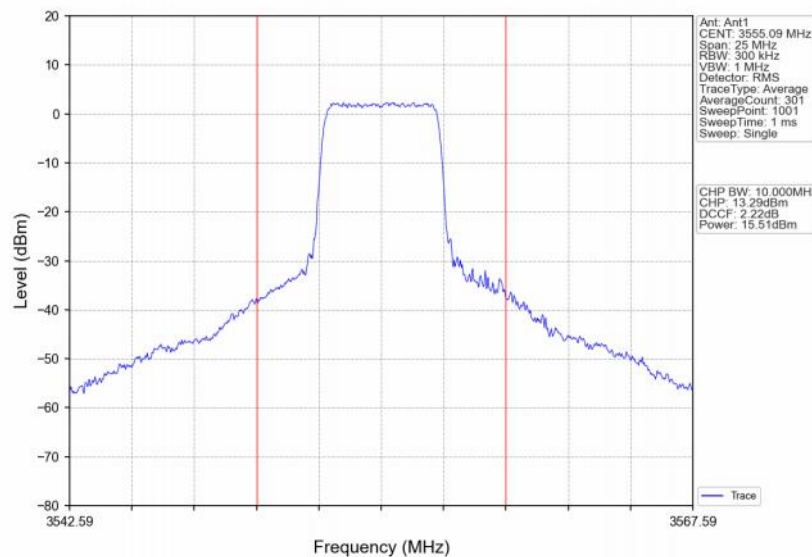
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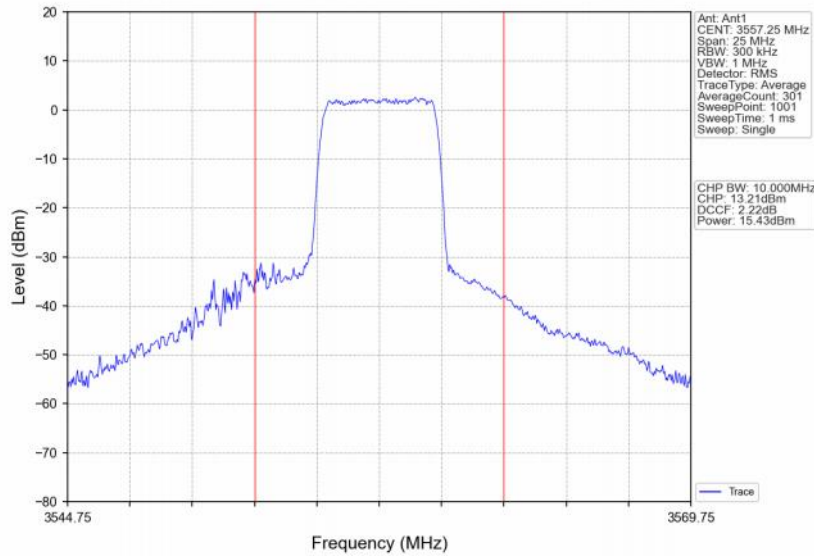


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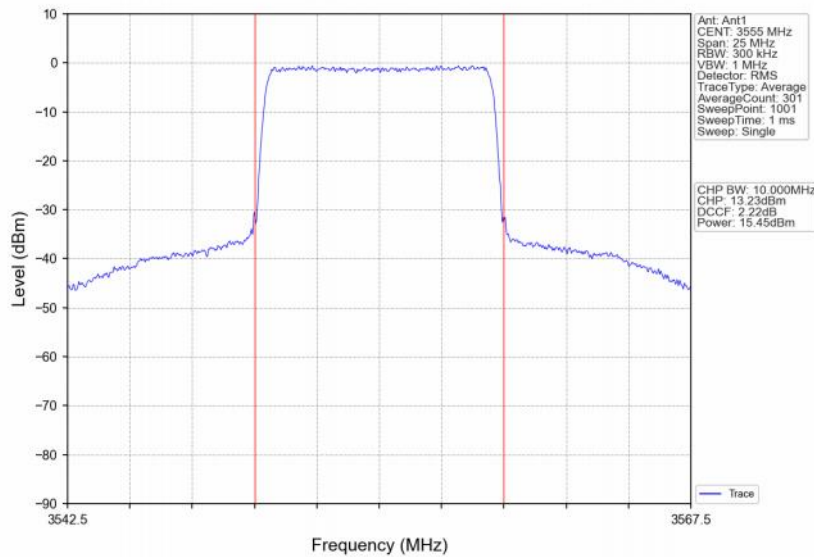
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Band48_10MHz_16QAM_LCH_3555MHz_RB_25_25_NTNV



Band48_10MHz_16QAM_LCH_3555MHz_RB_50_0_NTNV

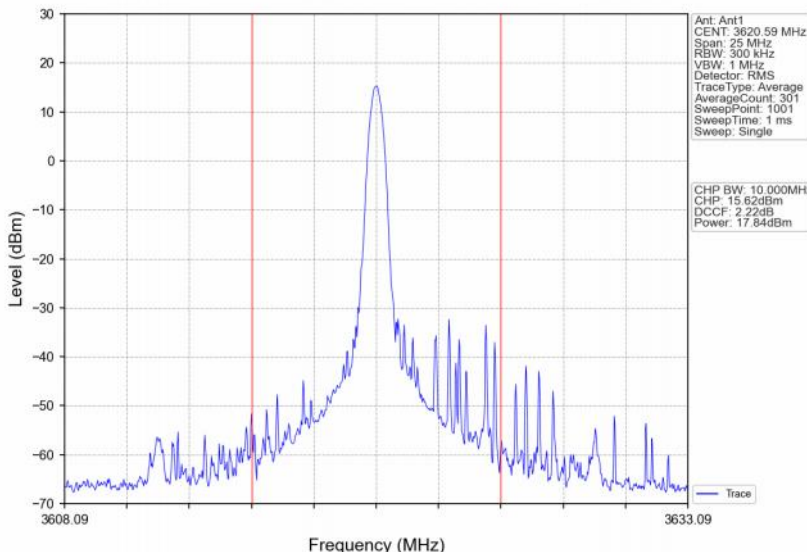


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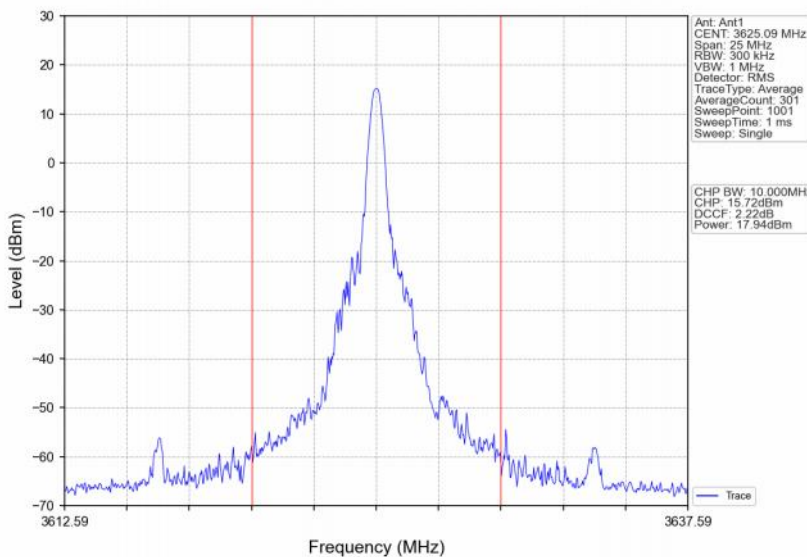
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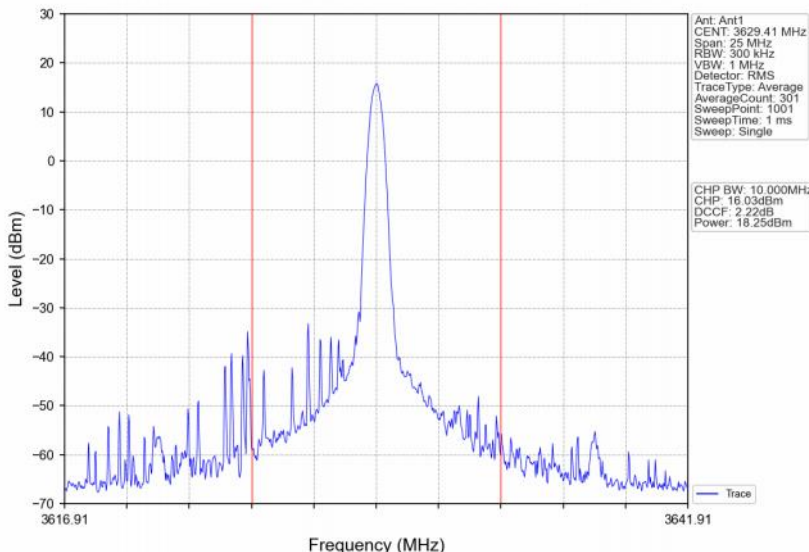


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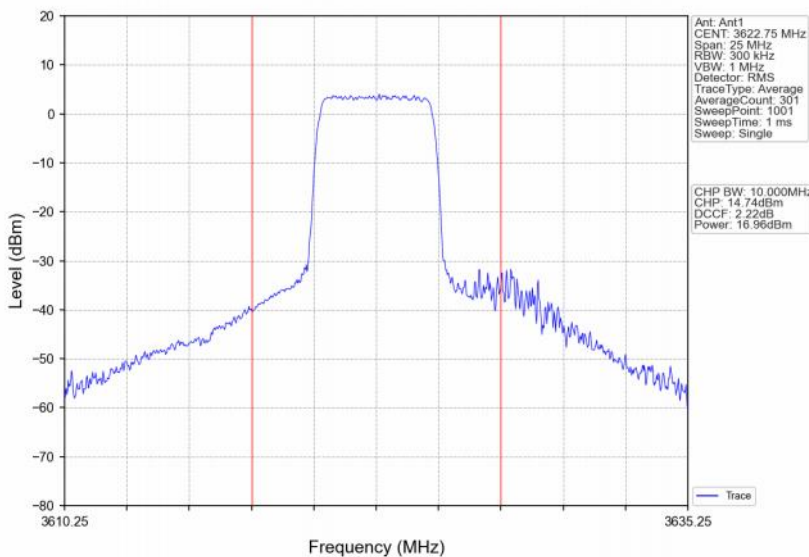
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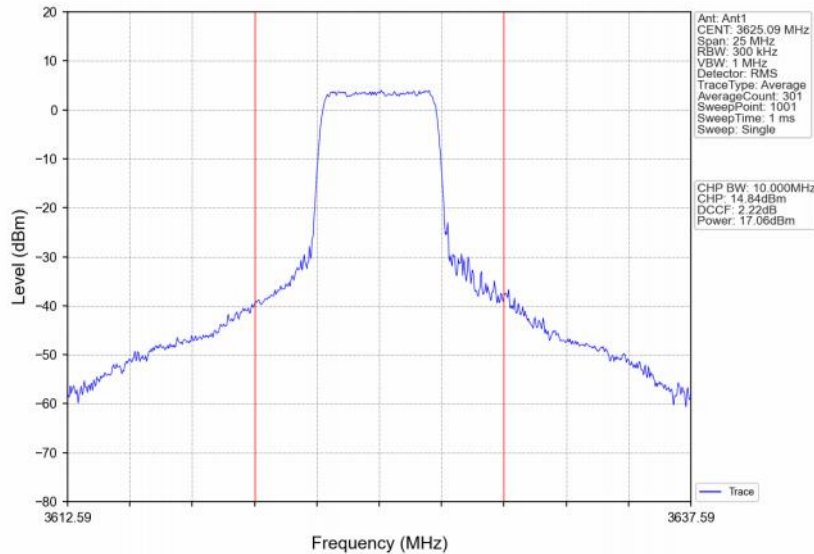


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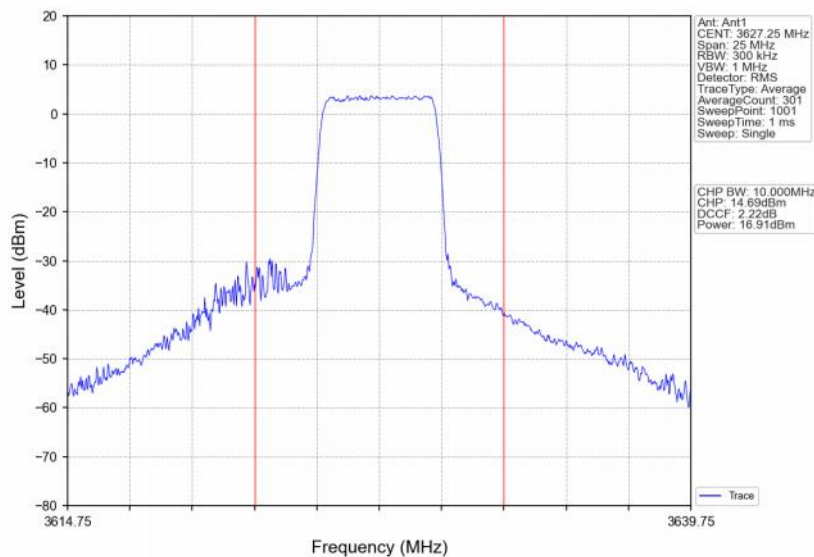
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Band48_10MHz_16QAM_MCH_3625MHz_RB_25_13_NTNV



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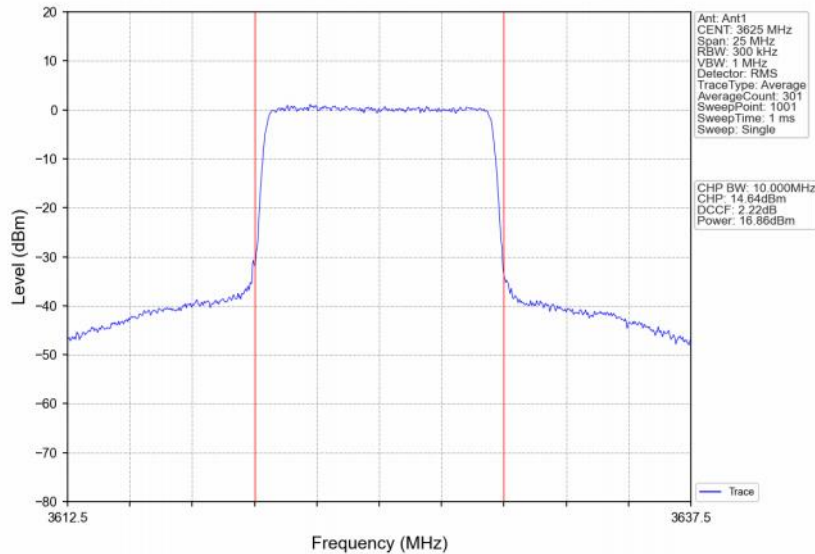


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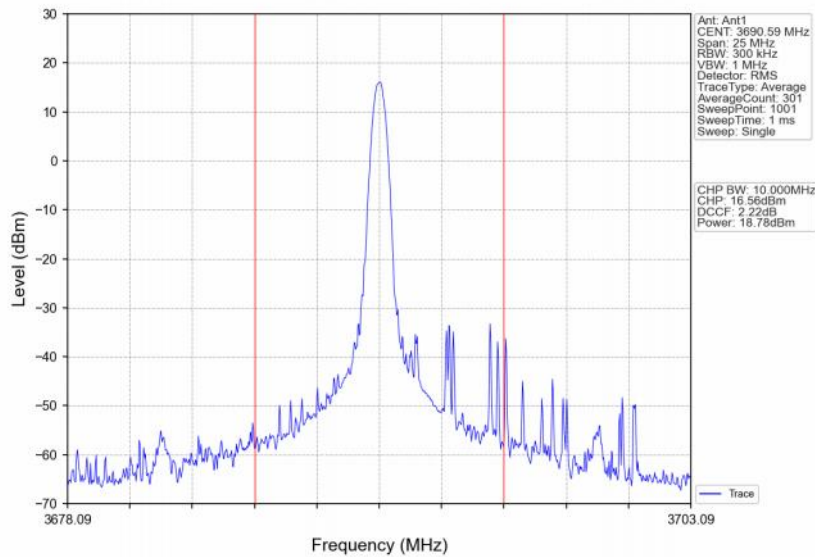
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Band48_10MHz_16QAM_MCH_3625MHz_RB_50_0_NTNV



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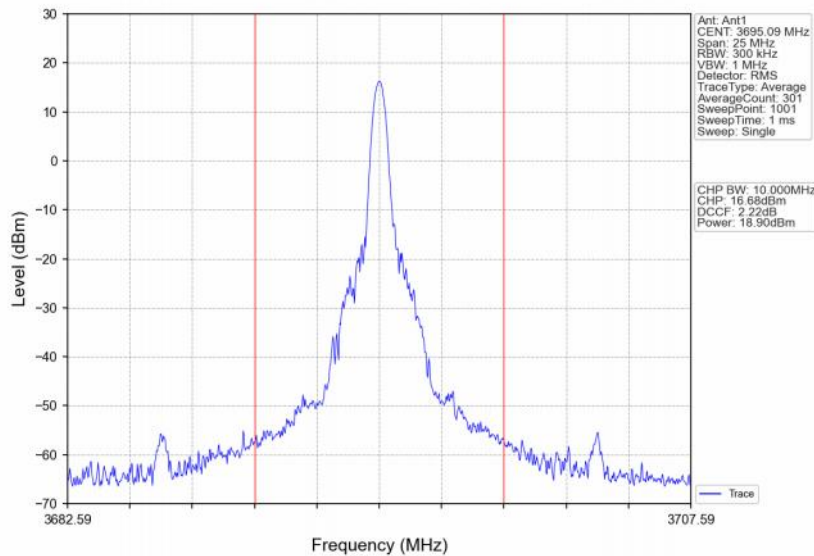


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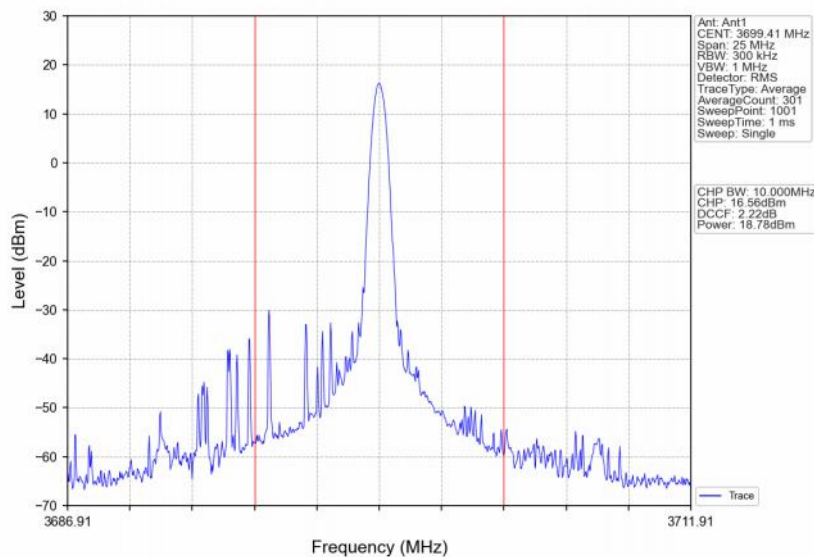
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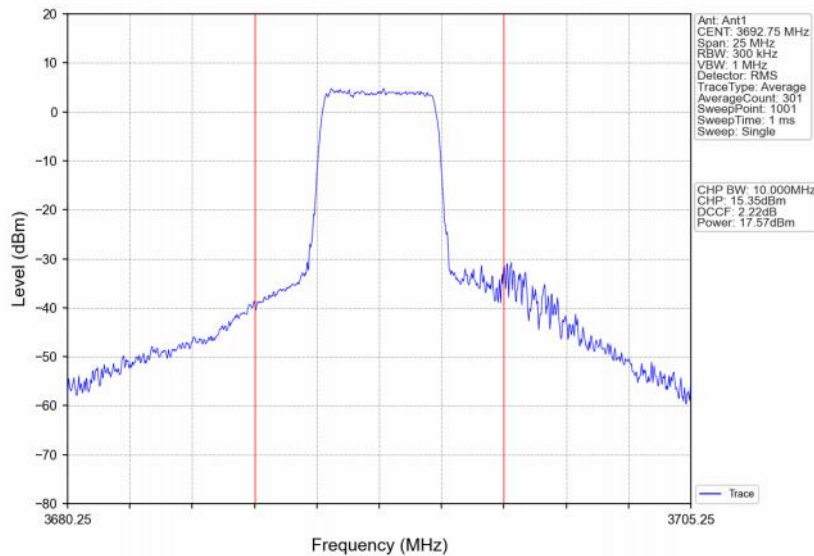


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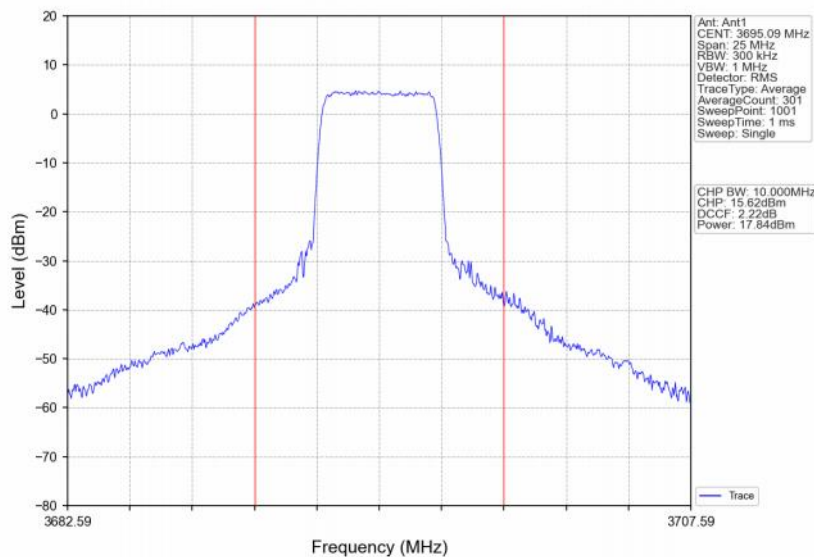
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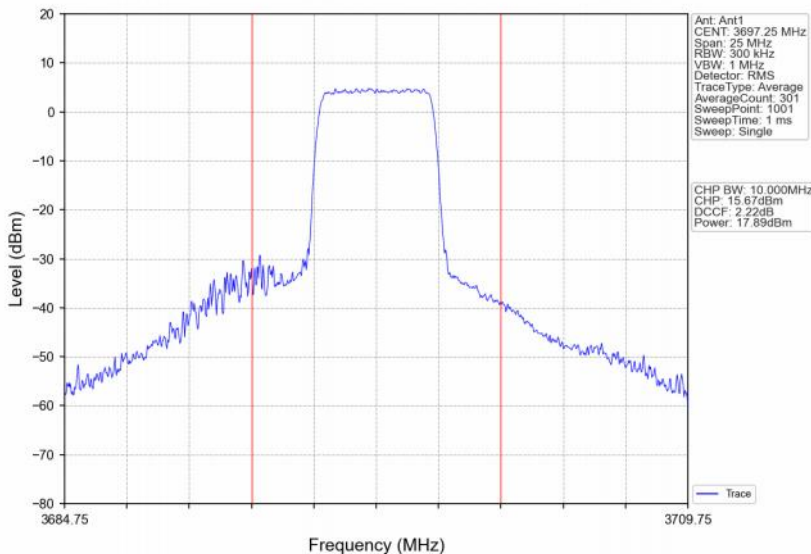


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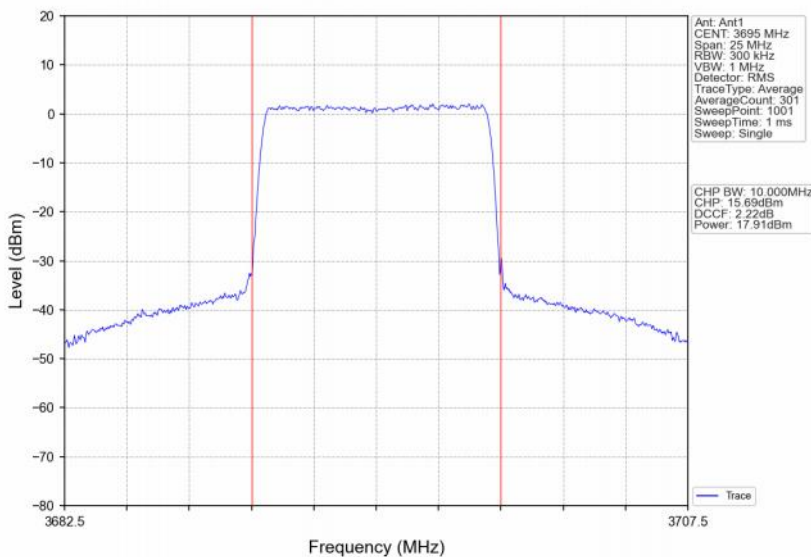
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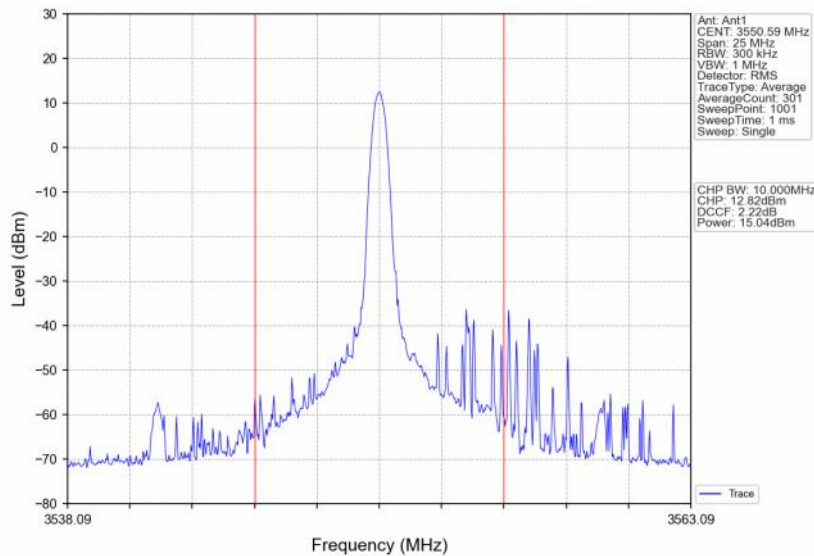


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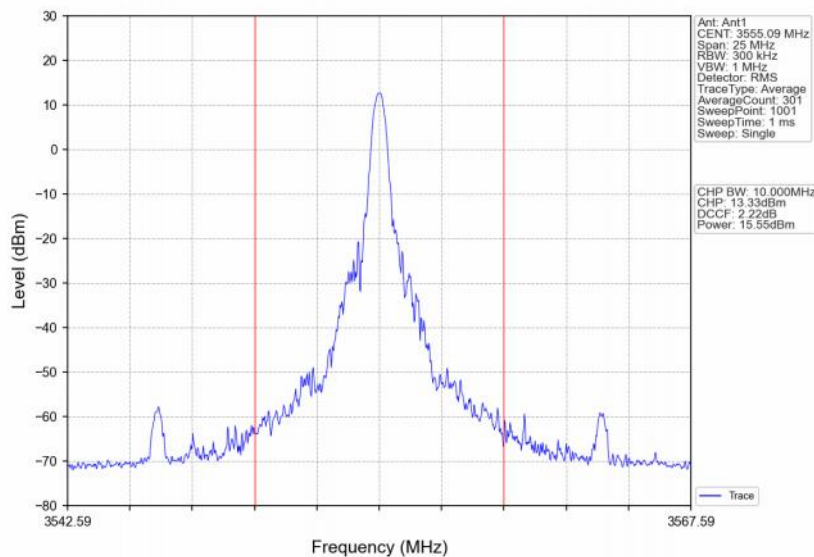
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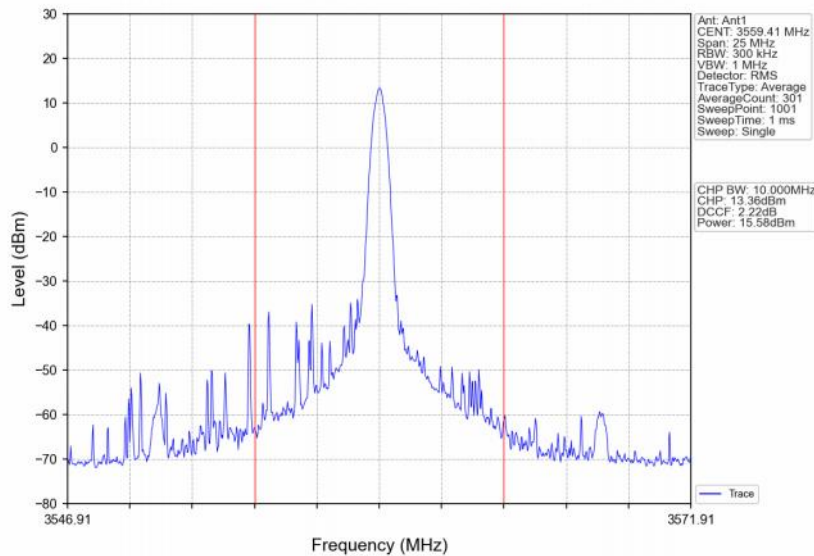


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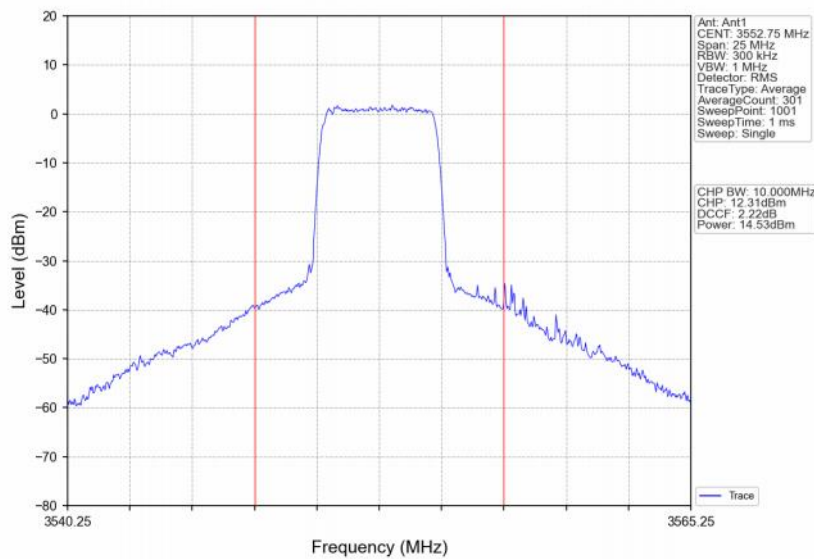
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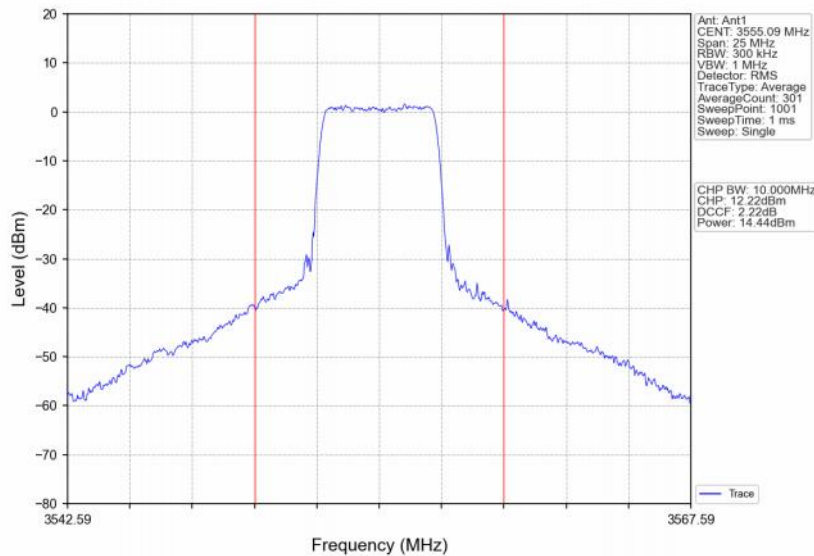


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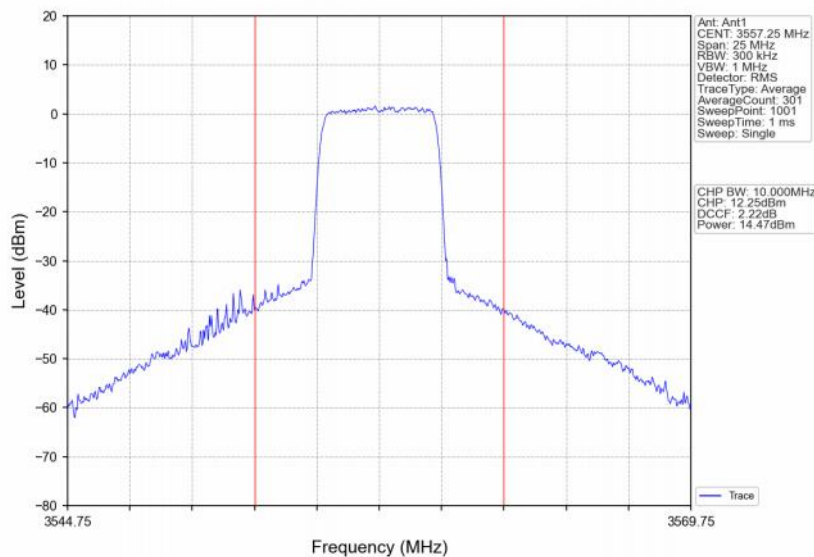
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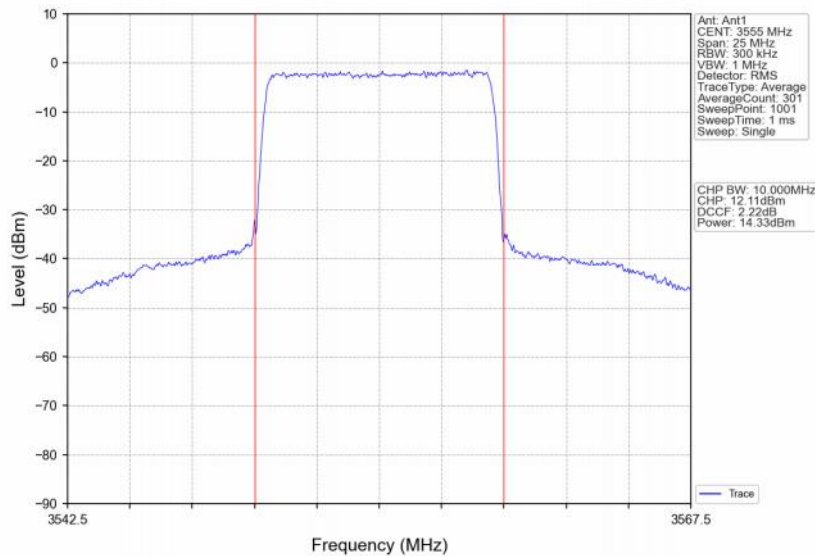


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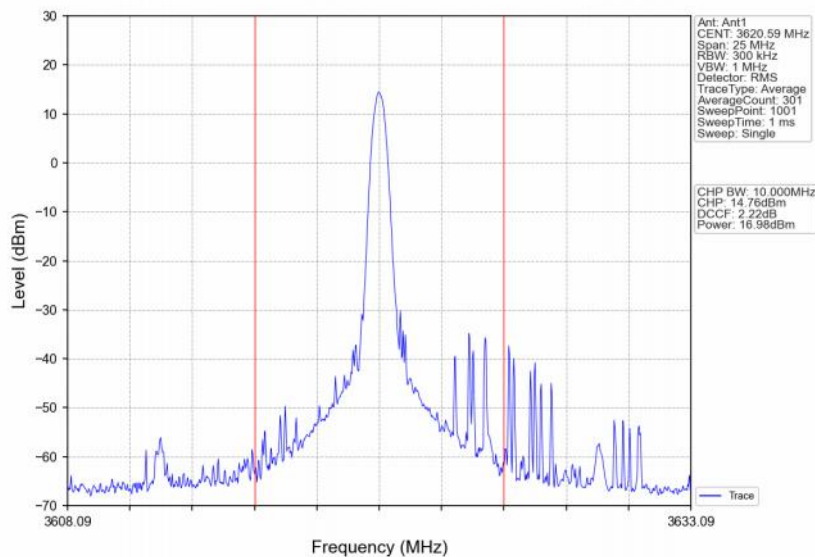
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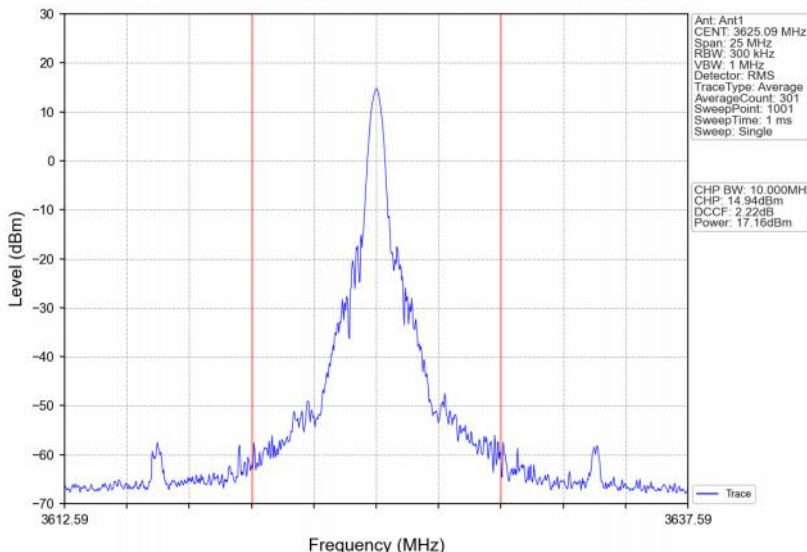


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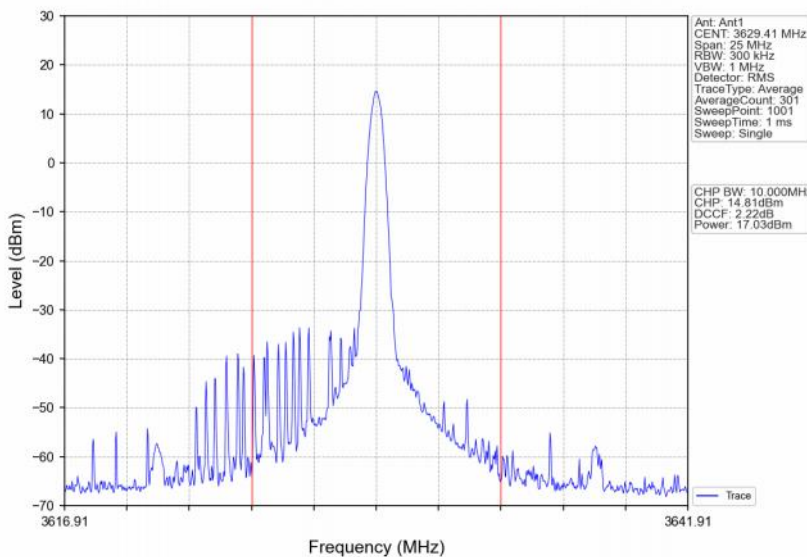
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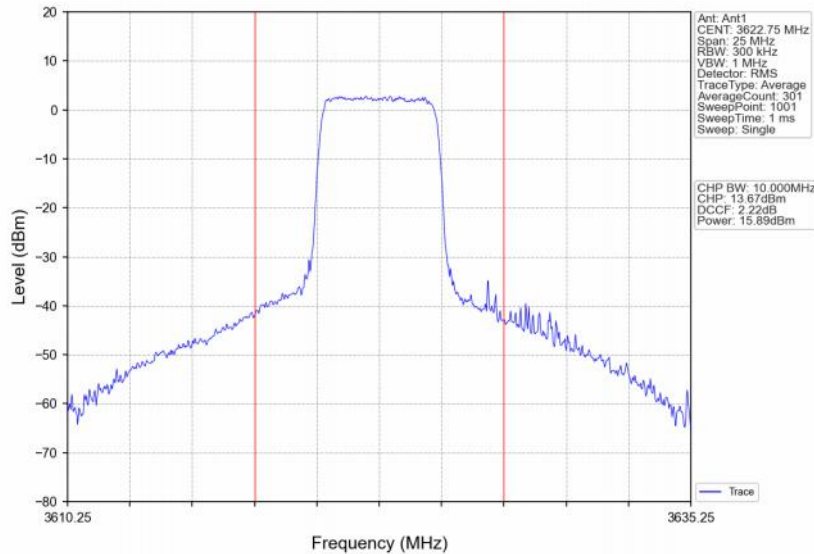


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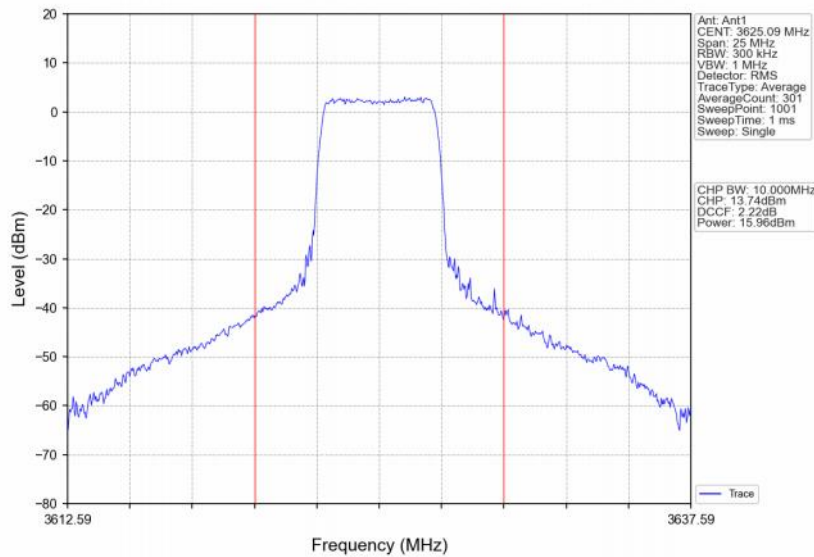
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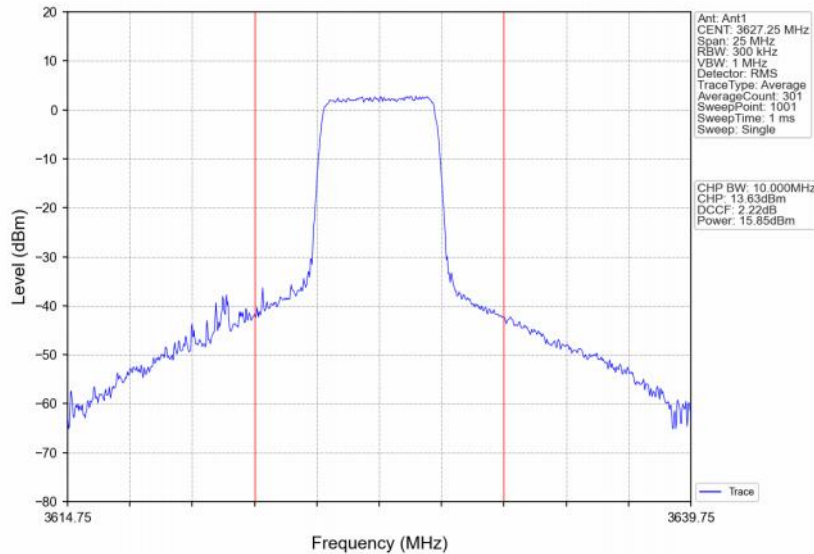


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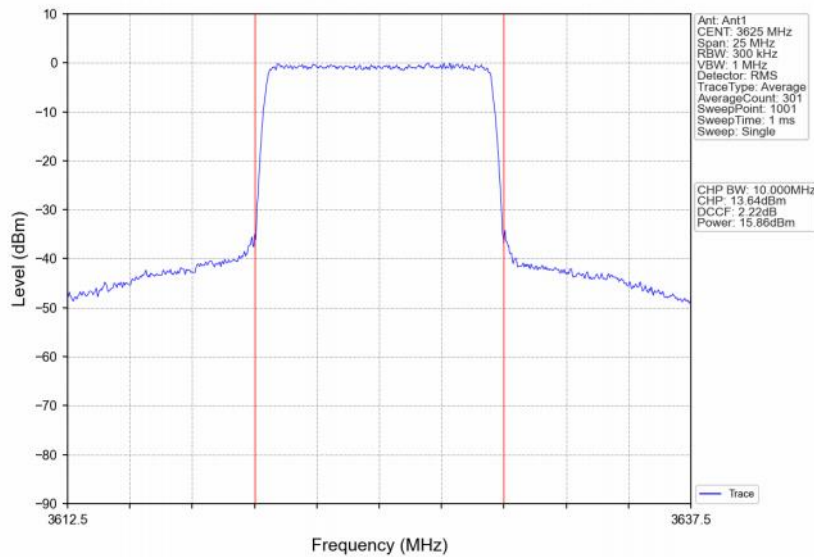
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Band48_10MHz_64QAM_MCH_3625MHz_RB_25_25_NTNV



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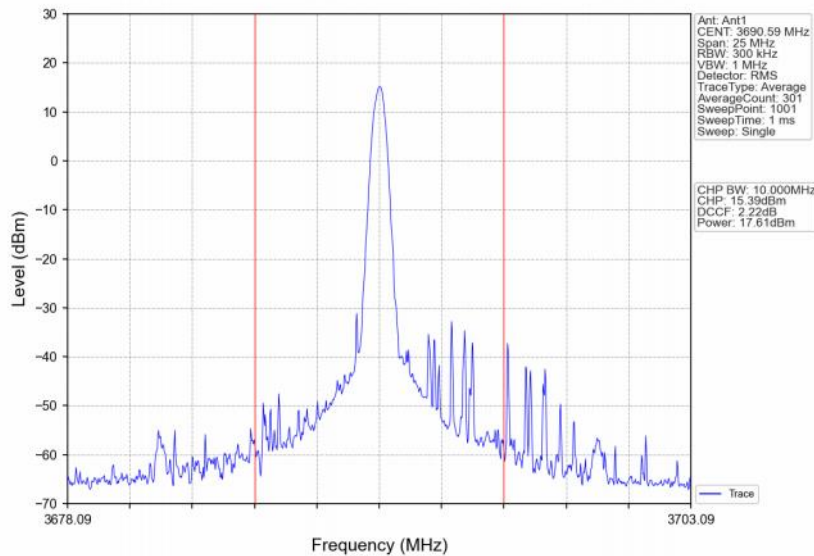


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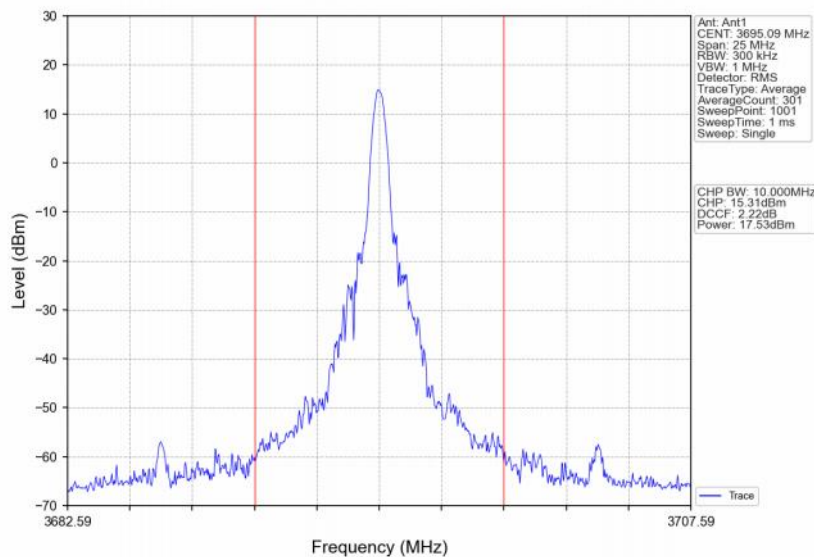
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Band48_10MHz_64QAM_HCH_3695MHz_RB_1_0_NTNV



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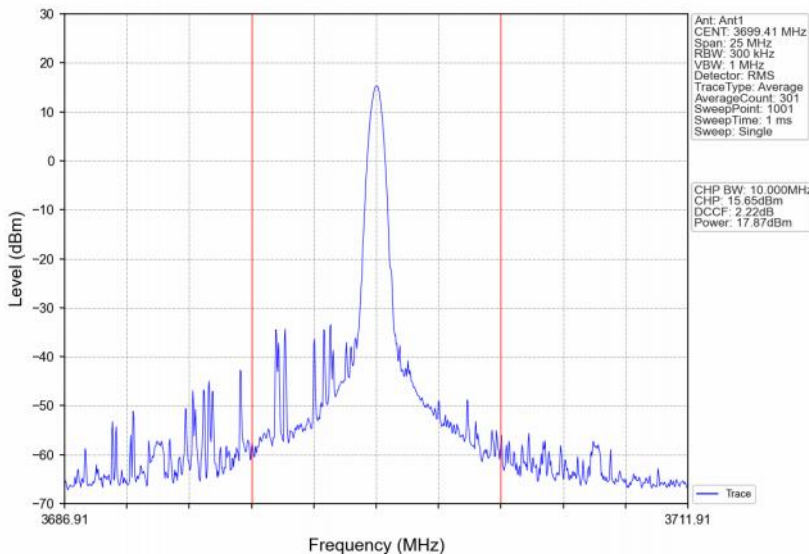


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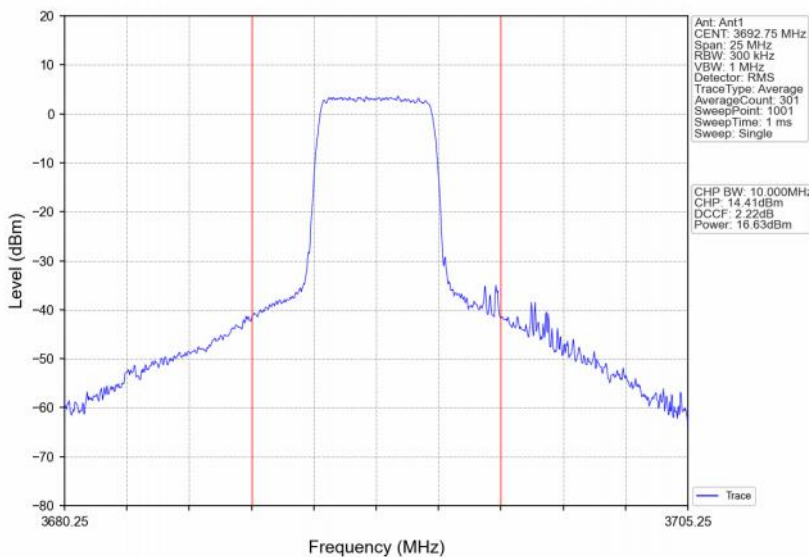
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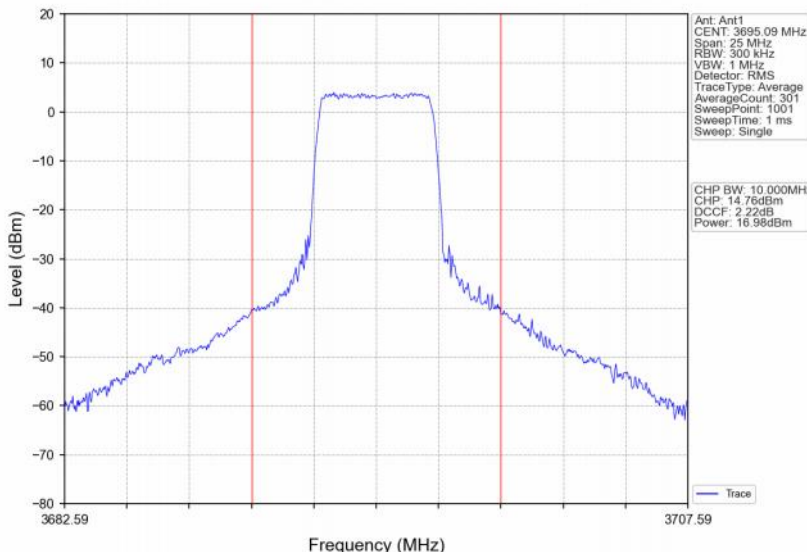


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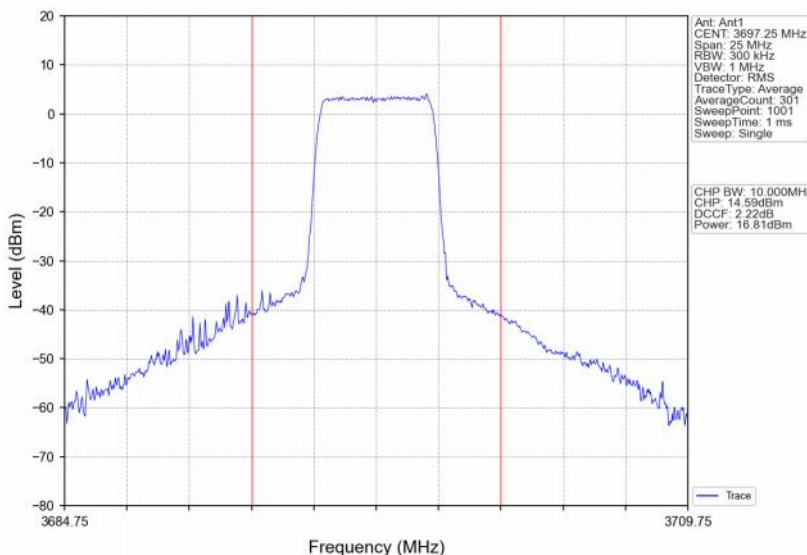
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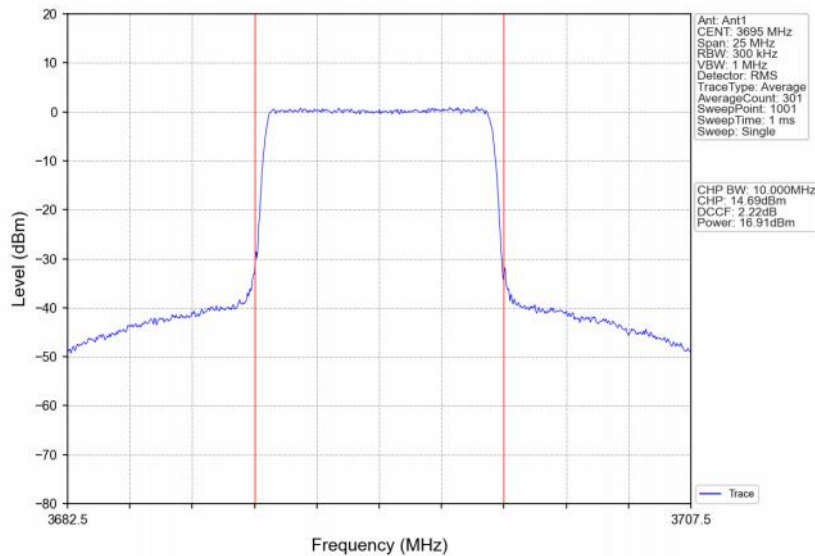


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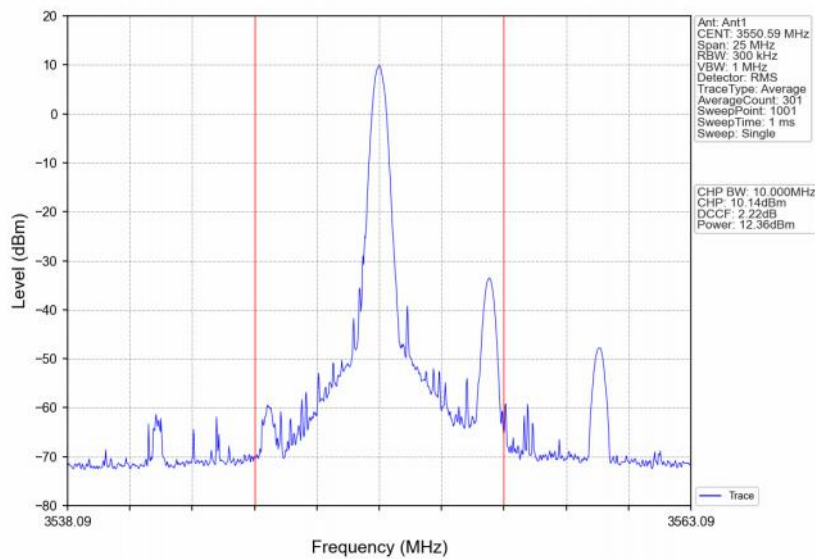
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Band48_10MHz_64QAM_HCH_3695MHz_RB_50_0_NTNV



Band48_10MHz_256QAM_LCH_3555MHz_RB_1_0_NTNV

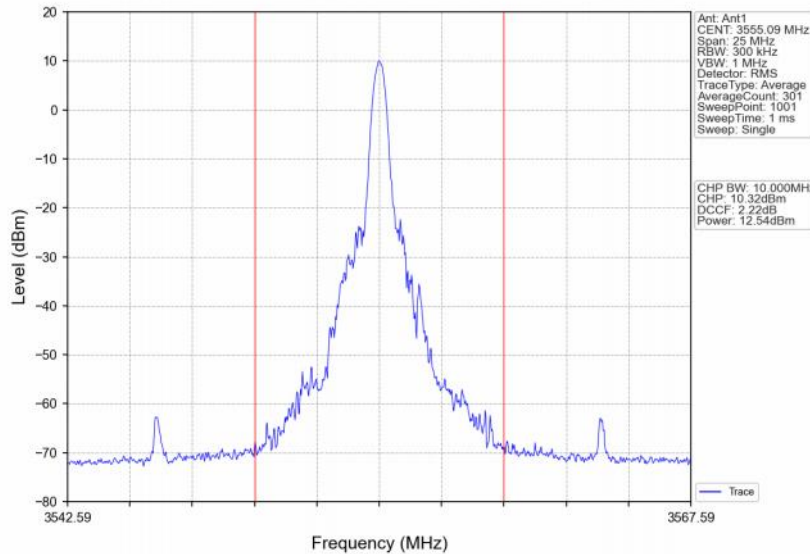


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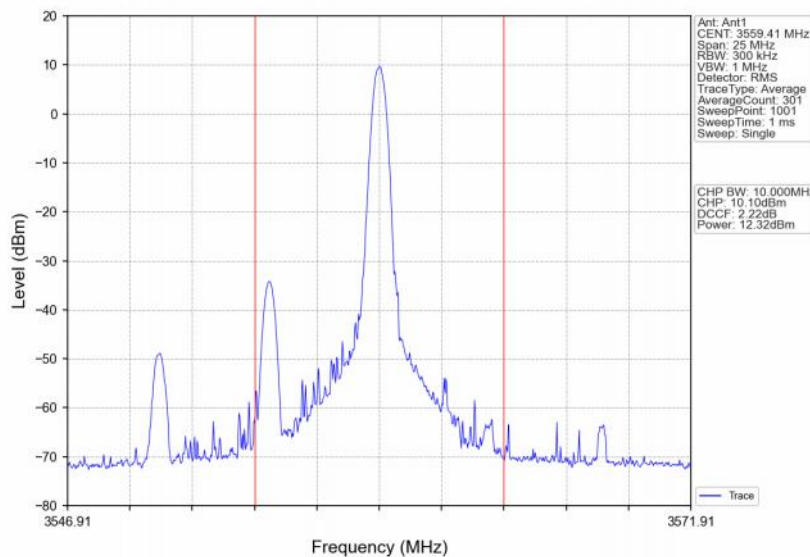
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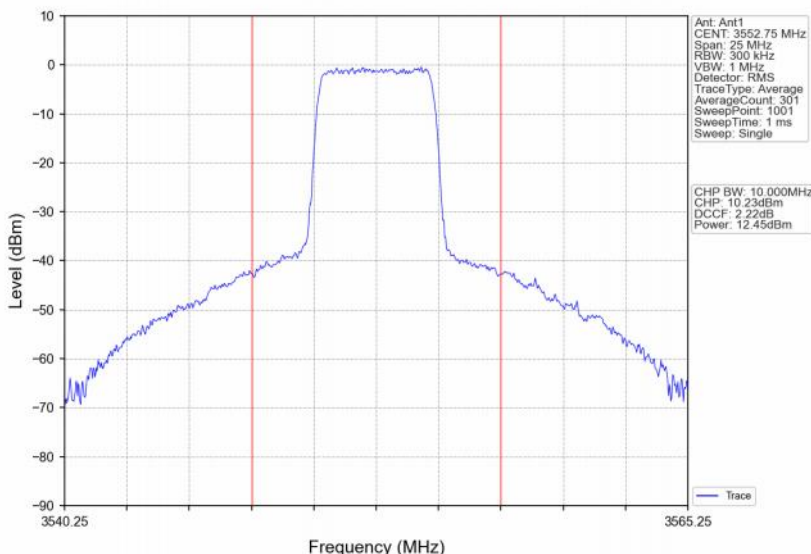


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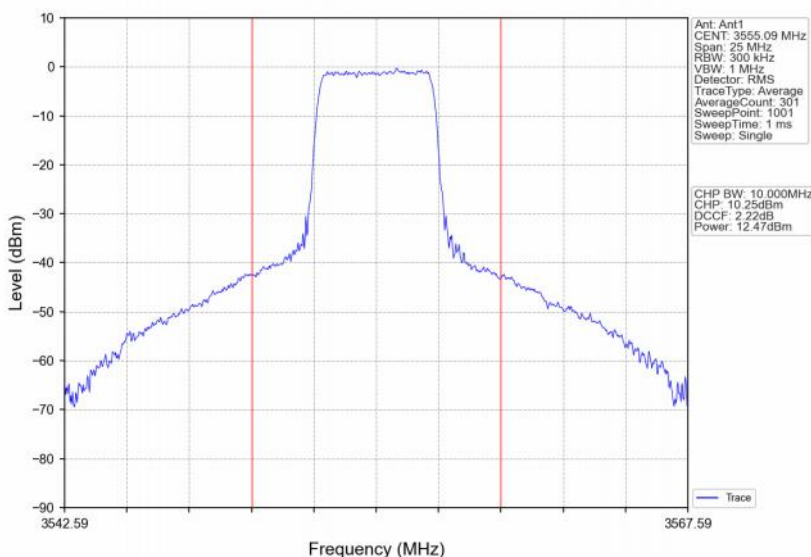
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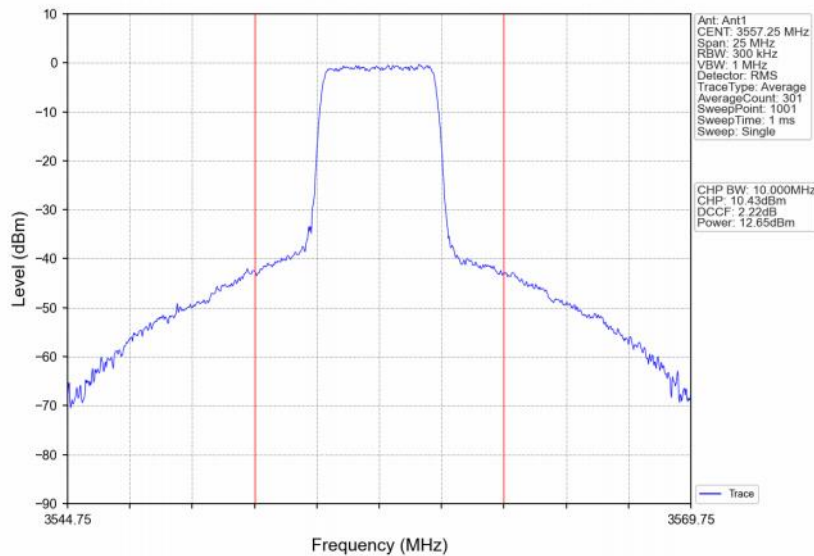


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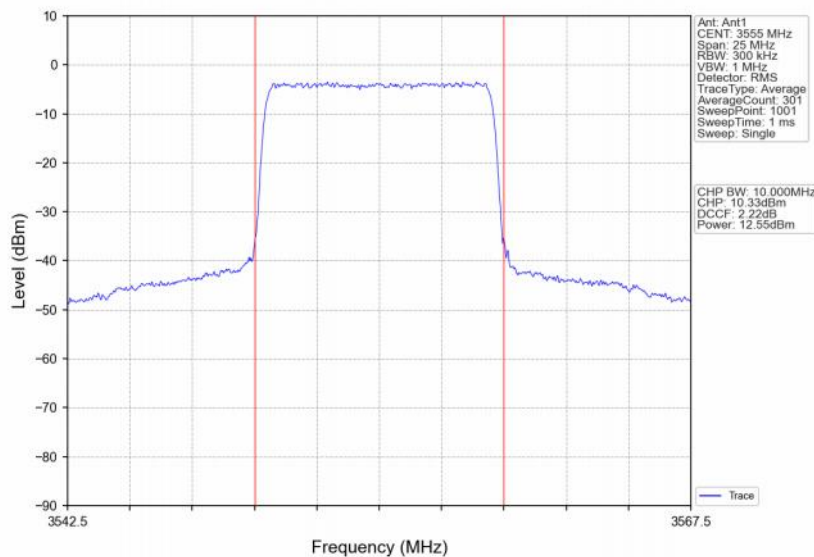
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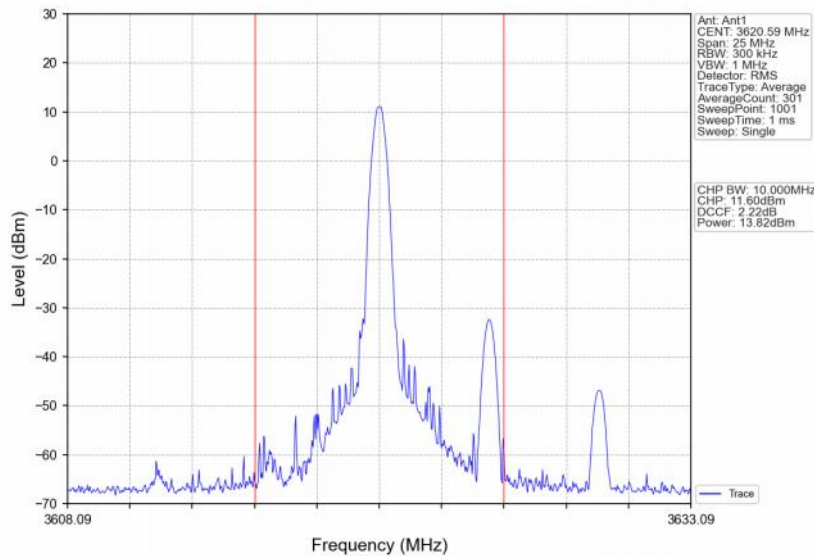


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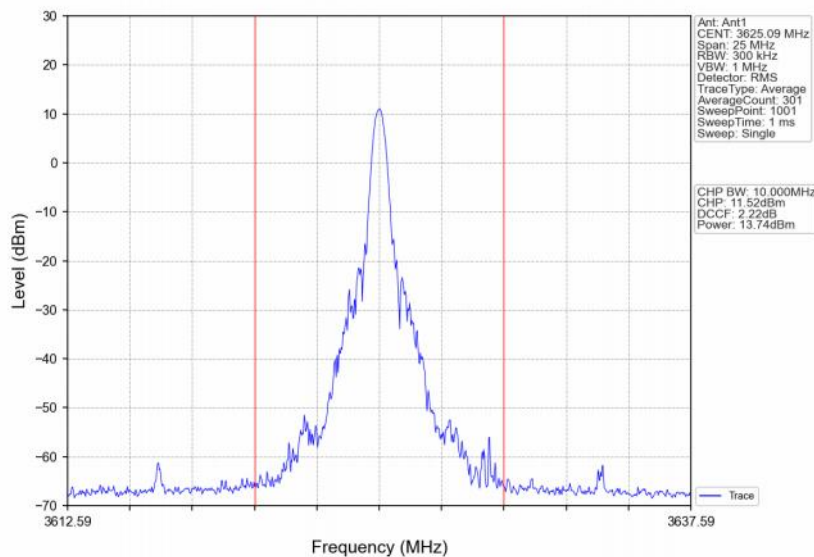
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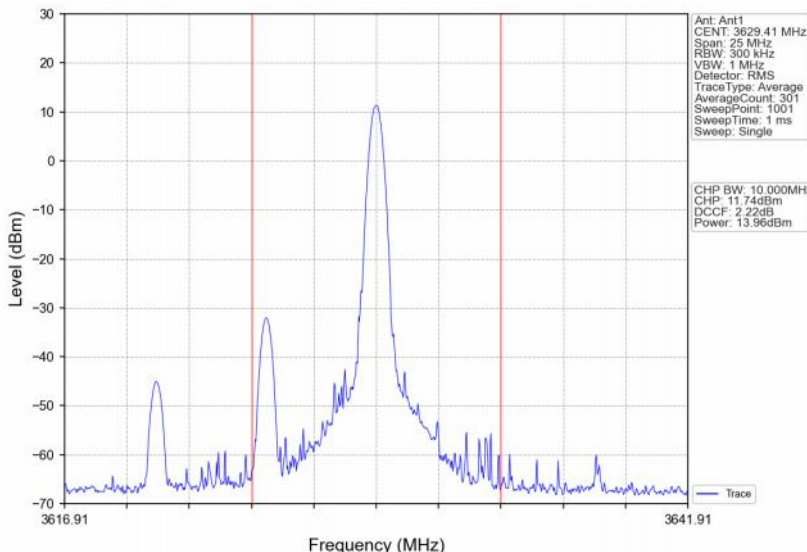


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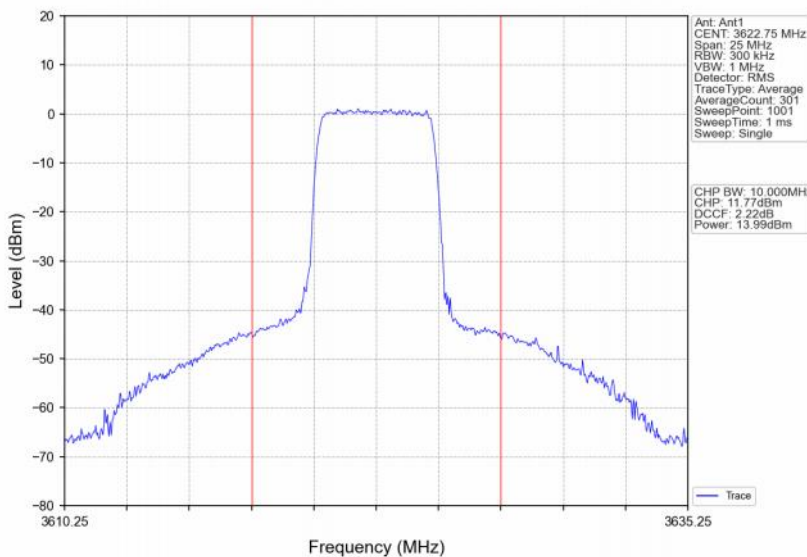
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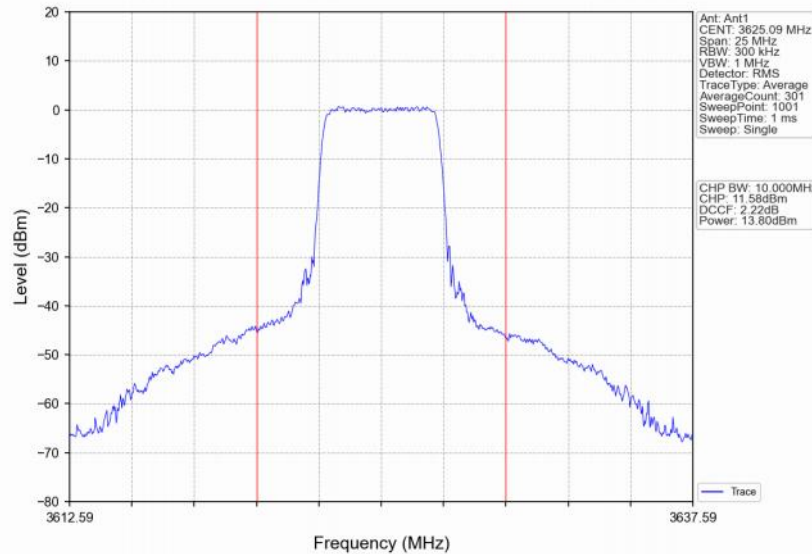


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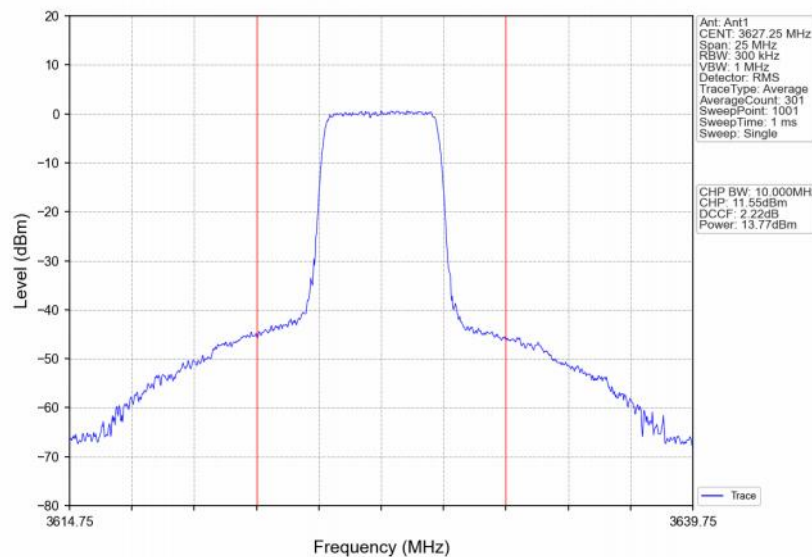
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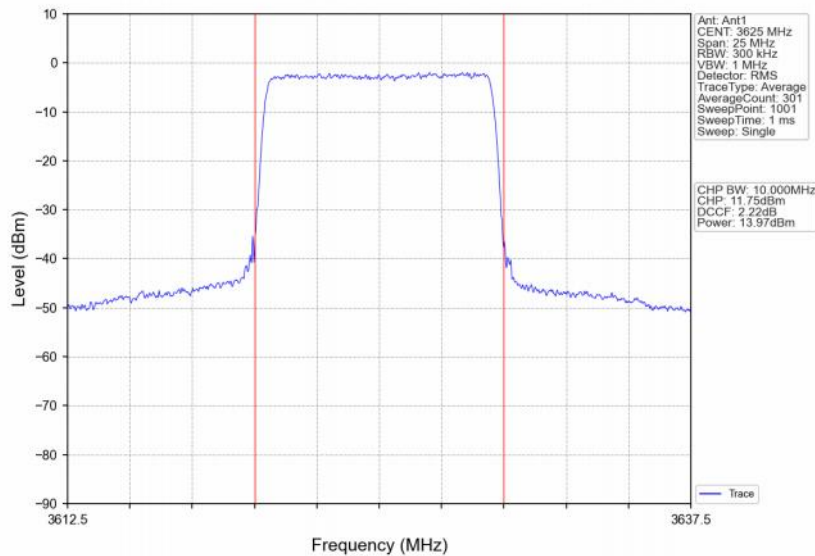


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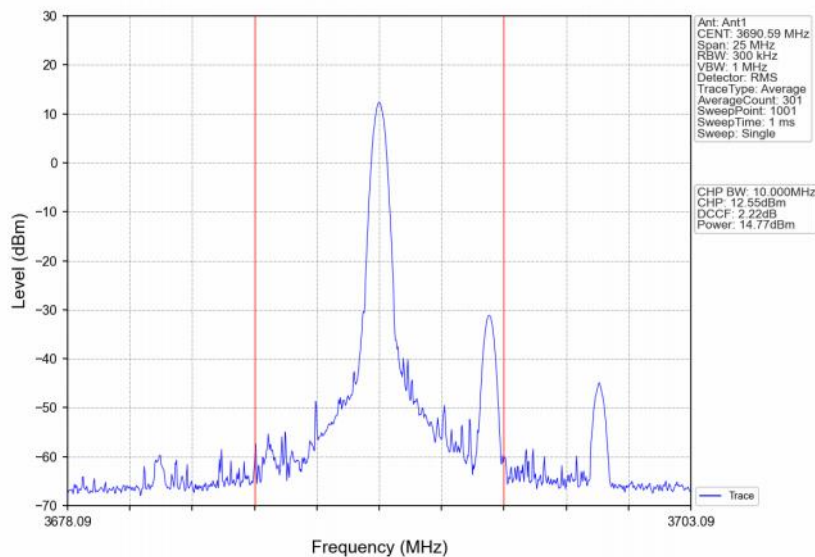
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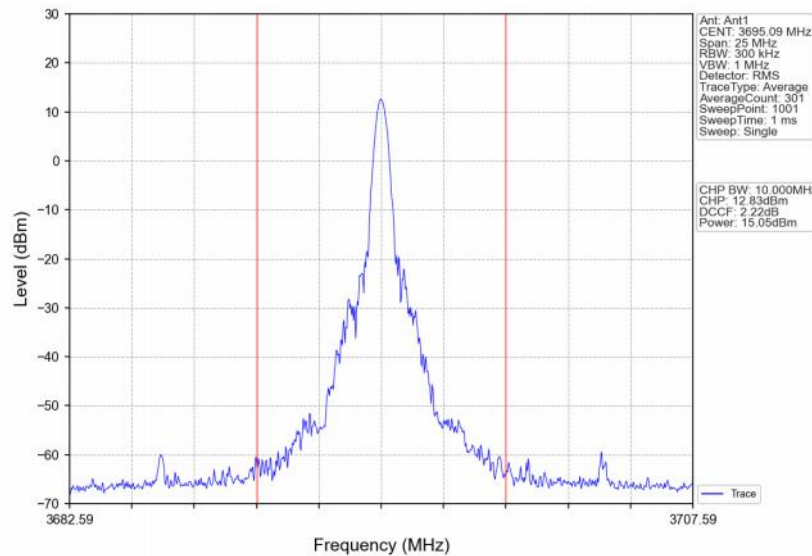


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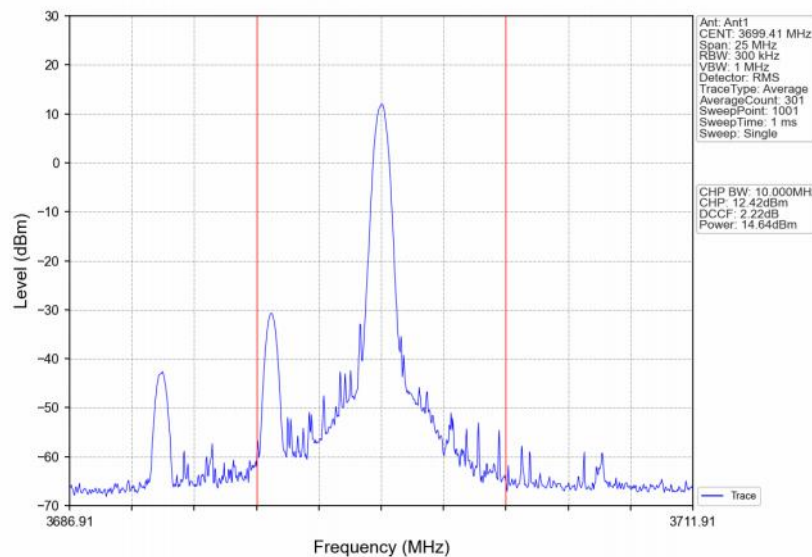
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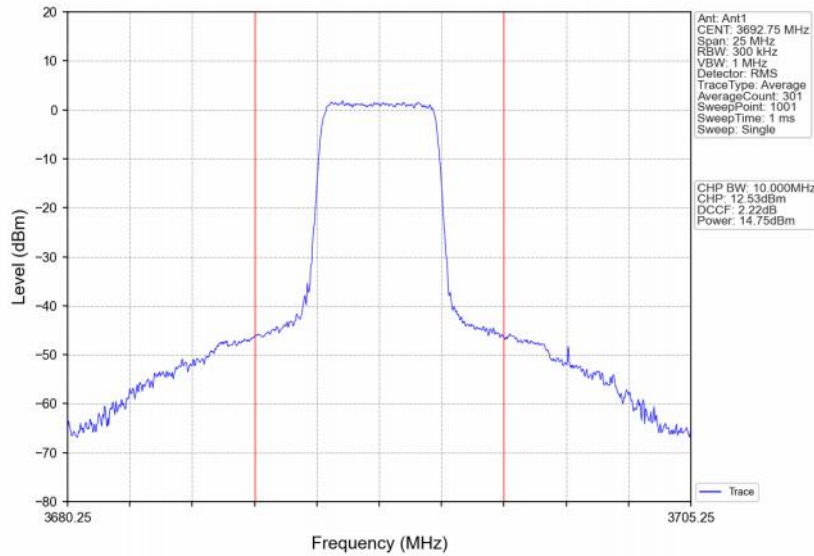


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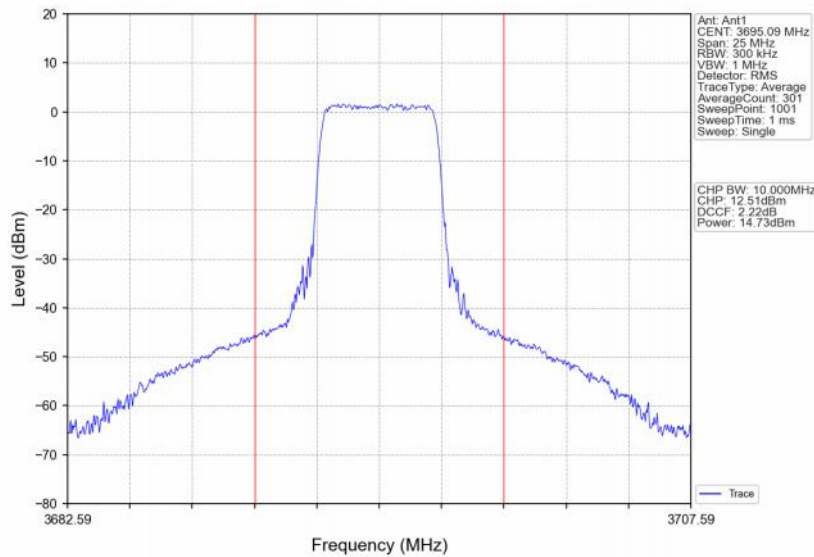
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Band48_10MHz_256QAM_HCH_3695MHz_RB_25_0_NTNV



Band48_10MHz_256QAM_HCH_3695MHz_RB_25_13_NTNV

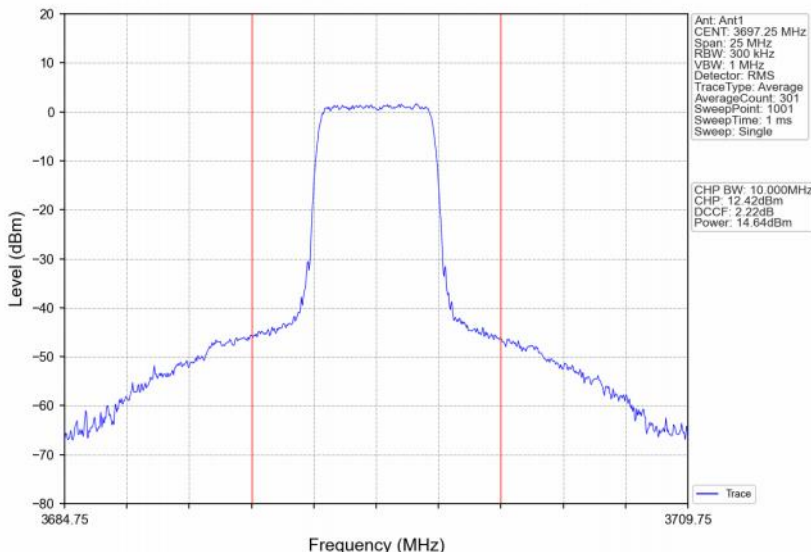


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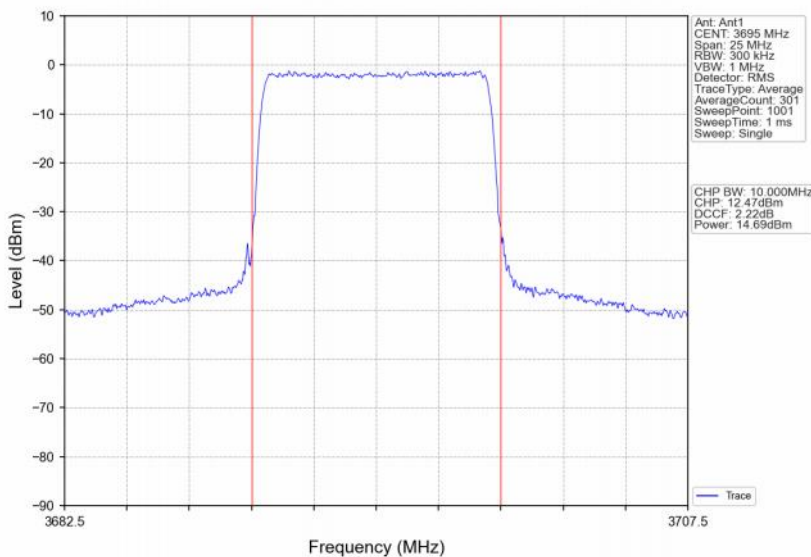
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Band48_10MHz_256QAM_HCH_3695MHz_RB_25_25_NTNV



Band48_10MHz_256QAM_HCH_3695MHz_RB_50_0_NTNV



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2.3 B48_15MHz_EIRP

2.3.1 Test Result

Band: 48 / Bandwidth: 15MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dbi)	EIRP (dBm/10MHz)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3557.5	1	0	17.12	3.10	20.22	<=23	Pass		
			38	17.28	3.10	20.38	<=23	Pass		
			74	17.50	3.10	20.60	<=23	Pass		
		36	0	16.39	3.10	19.49	<=23	Pass		
			18	16.30	3.10	19.40	<=23	Pass		
			39	16.42	3.10	19.52	<=23	Pass		
		75	0	15.25	3.10	18.35	<=23	Pass		
		3625	1	0	18.87	3.10	21.97	<=23	Pass	
				38	19.20	3.10	22.30	<=23	Pass	
	74			18.94	3.10	22.04	<=23	Pass		
	36		0	18.06	3.10	21.16	<=23	Pass		
			18	18.19	3.10	21.29	<=23	Pass		
			39	18.11	3.10	21.21	<=23	Pass		
	75		0	16.67	3.10	19.77	<=23	Pass		
	3692.5		1	0	19.51	3.10	22.61	<=23	Pass	
				38	19.25	3.10	22.35	<=23	Pass	
		74		19.63	3.10	22.73	<=23	Pass		
		36	0	18.76	3.10	21.86	<=23	Pass		
			18	18.85	3.10	21.95	<=23	Pass		
			39	18.70	3.10	21.80	<=23	Pass		
		75	0	17.55	3.10	20.65	<=23	Pass		
		16QAM	3557.5	1	0	15.90	3.10	19.00	<=23	Pass
					38	16.47	3.10	19.57	<=23	Pass
	74				16.74	3.10	19.84	<=23	Pass	
36	0			15.47	3.10	18.57	<=23	Pass		
	18			15.39	3.10	18.49	<=23	Pass		
	39			15.23	3.10	18.33	<=23	Pass		
75	0			13.65	3.10	16.75	<=23	Pass		
3625	1			0	18.31	3.10	21.41	<=23	Pass	
				38	18.04	3.10	21.14	<=23	Pass	
			74	18.27	3.10	21.37	<=23	Pass		
	36		0	17.14	3.10	20.24	<=23	Pass		
			18	16.89	3.10	19.99	<=23	Pass		
			39	17.09	3.10	20.19	<=23	Pass		
	75		0	15.68	3.10	18.78	<=23	Pass		
	3692.5		1	0	18.80	3.10	21.90	<=23	Pass	
				38	18.68	3.10	21.78	<=23	Pass	
74				18.85	3.10	21.95	<=23	Pass		
36			0	17.69	3.10	20.79	<=23	Pass		
			18	17.85	3.10	20.95	<=23	Pass		
			39	17.87	3.10	20.97	<=23	Pass		
75			0	16.85	3.10	19.95	<=23	Pass		
64QAM			3557.5	1	0	15.28	3.10	18.38	<=23	Pass
					38	15.30	3.10	18.40	<=23	Pass



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256QAM	3625	36	74	15.70	3.10	18.80	<=23	Pass		
			0	14.36	3.10	17.46	<=23	Pass		
			18	14.32	3.10	17.42	<=23	Pass		
			39	14.28	3.10	17.38	<=23	Pass		
		75	0	13.92	3.10	17.02	<=23	Pass		
			1	0	17.15	3.10	20.25	<=23	Pass	
				38	17.18	3.10	20.28	<=23	Pass	
	36	74	17.36	3.10	20.46	<=23	Pass			
		0	16.16	3.10	19.26	<=23	Pass			
		18	15.95	3.10	19.05	<=23	Pass			
		39	16.18	3.10	19.28	<=23	Pass			
	75	0	14.89	3.10	17.99	<=23	Pass			
		3692.5	1	0	17.35	3.10	20.45	<=23	Pass	
				38	17.45	3.10	20.55	<=23	Pass	
	74			17.81	3.10	20.91	<=23	Pass		
	36	0	16.62	3.10	19.72	<=23	Pass			
			18	16.56	3.10	19.66	<=23	Pass		
			39	16.82	3.10	19.92	<=23	Pass		
		75	0	15.74	3.10	18.84	<=23	Pass		
			3557.5	1	0	12.42	3.10	15.52	<=23	Pass
					38	12.32	3.10	15.42	<=23	Pass
74	12.13	3.10			15.23	<=23	Pass			
36	0	12.70	3.10	15.80	<=23	Pass				
		18	12.20	3.10	15.30	<=23	Pass			
		39	12.65	3.10	15.75	<=23	Pass			
	75	0	10.78	3.10	13.88	<=23	Pass			
		3625	1	0	14.23	3.10	17.33	<=23	Pass	
				38	14.10	3.10	17.20	<=23	Pass	
74	14.02			3.10	17.12	<=23	Pass			
36	0	14.17	3.10	17.27	<=23	Pass				
		18	14.09	3.10	17.19	<=23	Pass			
		39	14.39	3.10	17.49	<=23	Pass			
	75	0	13.15	3.10	16.25	<=23	Pass			
		3692.5	1	0	14.48	3.10	17.58	<=23	Pass	
				38	14.45	3.10	17.55	<=23	Pass	
74	14.67			3.10	17.77	<=23	Pass			
36	0	14.66	3.10	17.76	<=23	Pass				
		18	14.69	3.10	17.79	<=23	Pass			
		39	14.81	3.10	17.91	<=23	Pass			
	75	0	13.55	3.10	16.65	<=23	Pass			

Note1: EIRP=Conducted Power+Antenna Gain



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Band: 48 / Bandwidth: 15MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3557.5	1	0	17.06	3.10	20.16	<=23	Pass		
			38	17.31	3.10	20.41	<=23	Pass		
			74	17.40	3.10	20.50	<=23	Pass		
		36	0	16.36	3.10	19.46	<=23	Pass		
			18	16.31	3.10	19.41	<=23	Pass		
			39	16.64	3.10	19.74	<=23	Pass		
		75	0	17.82	3.10	20.92	<=23	Pass		
		3625	1	0	18.64	3.10	21.74	<=23	Pass	
				38	18.84	3.10	21.94	<=23	Pass	
	74			18.69	3.10	21.79	<=23	Pass		
	36		0	19.31	3.10	22.41	<=23	Pass		
			18	18.21	3.10	21.31	<=23	Pass		
			39	18.03	3.10	21.13	<=23	Pass		
	75		0	19.03	3.10	22.13	<=23	Pass		
	3692.5		1	0	18.84	3.10	21.94	<=23	Pass	
				38	18.95	3.10	22.05	<=23	Pass	
		74		19.42	3.10	22.52	<=23	Pass		
		36	0	18.36	3.10	21.46	<=23	Pass		
			18	18.55	3.10	21.65	<=23	Pass		
			39	18.91	3.10	22.01	<=23	Pass		
		75	0	20.06	3.10	23.16	<=23	Pass		
		16QAM	3557.5	1	0	15.64	3.10	18.74	<=23	Pass
					38	16.52	3.10	19.62	<=23	Pass
	74				15.84	3.10	18.94	<=23	Pass	
36	0			15.64	3.10	18.74	<=23	Pass		
	18			15.41	3.10	18.51	<=23	Pass		
	39			15.31	3.10	18.41	<=23	Pass		
75	0			16.12	3.10	19.22	<=23	Pass		
3625	1			0	18.36	3.10	21.46	<=23	Pass	
				38	18.32	3.10	21.42	<=23	Pass	
			74	18.03	3.10	21.13	<=23	Pass		
	36		0	17.03	3.10	20.13	<=23	Pass		
			18	16.56	3.10	19.66	<=23	Pass		
			39	16.81	3.10	19.91	<=23	Pass		
	75		0	18.69	3.10	21.79	<=23	Pass		
	3692.5		1	0	18.3	3.10	21.4	<=23	Pass	
				38	18.45	3.10	21.55	<=23	Pass	
74				18.69	3.10	21.79	<=23	Pass		
36			0	18.63	3.10	21.73	<=23	Pass		
			18	18.65	3.10	21.75	<=23	Pass		
			39	17.64	3.10	20.74	<=23	Pass		
75			0	19.12	3.10	22.22	<=23	Pass		
64QAM			3557.5	1	0	15.31	3.10	18.41	<=23	Pass
					38	15.23	3.10	18.33	<=23	Pass
	74				15.81	3.10	18.91	<=23	Pass	
	36	0		14.65	3.10	17.75	<=23	Pass		
		18		14.29	3.10	17.39	<=23	Pass		
		39		14.39	3.10	17.49	<=23	Pass		
	75	0		16.12	3.10	19.22	<=23	Pass		
	3625	1		0	17.25	3.10	20.35	<=23	Pass	
				38	17.21	3.10	20.31	<=23	Pass	



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		36	74	17.03	3.10	20.13	<=23	Pass		
			0	16.11	3.10	19.21	<=23	Pass		
			18	15.89	3.10	18.99	<=23	Pass		
			39	16.07	3.10	19.17	<=23	Pass		
		75	0	17.49	3.10	20.59	<=23	Pass		
	3692.5	1	1	0	17.33	3.10	20.43	<=23	Pass	
				38	17.41	3.10	20.51	<=23	Pass	
				74	17.65	3.10	20.75	<=23	Pass	
		36	1	0	16.49	3.10	19.59	<=23	Pass	
				18	16.45	3.10	19.55	<=23	Pass	
				39	16.79	3.10	19.89	<=23	Pass	
		75	0	17.98	3.10	21.08	<=23	Pass		
		256QAM	3557.5	1	0	12.65	3.10	15.75	<=23	Pass
					38	12.51	3.10	15.61	<=23	Pass
					74	12.23	3.10	15.33	<=23	Pass
36	1			0	12.81	3.10	15.91	<=23	Pass	
				18	12.35	3.10	15.45	<=23	Pass	
				39	12.70	3.10	15.80	<=23	Pass	
75	0			13.24	3.10	16.34	<=23	Pass		
3625	1			1	0	14.15	3.10	17.25	<=23	Pass
					38	14.02	3.10	17.12	<=23	Pass
			74		14.32	3.10	17.42	<=23	Pass	
	36		1	0	14.65	3.10	17.75	<=23	Pass	
				18	14.35	3.10	17.45	<=23	Pass	
				39	14.25	3.10	17.35	<=23	Pass	
75	0		15.55	3.10	18.65	<=23	Pass			
3692.5	1		1	0	14.53	3.10	17.63	<=23	Pass	
				38	14.39	3.10	17.49	<=23	Pass	
				74	14.84	3.10	17.94	<=23	Pass	
	36		1	0	14.61	3.10	17.71	<=23	Pass	
				18	14.61	3.10	17.71	<=23	Pass	
				39	14.64	3.10	17.74	<=23	Pass	
	75		0	15.56	3.10	18.66	<=23	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

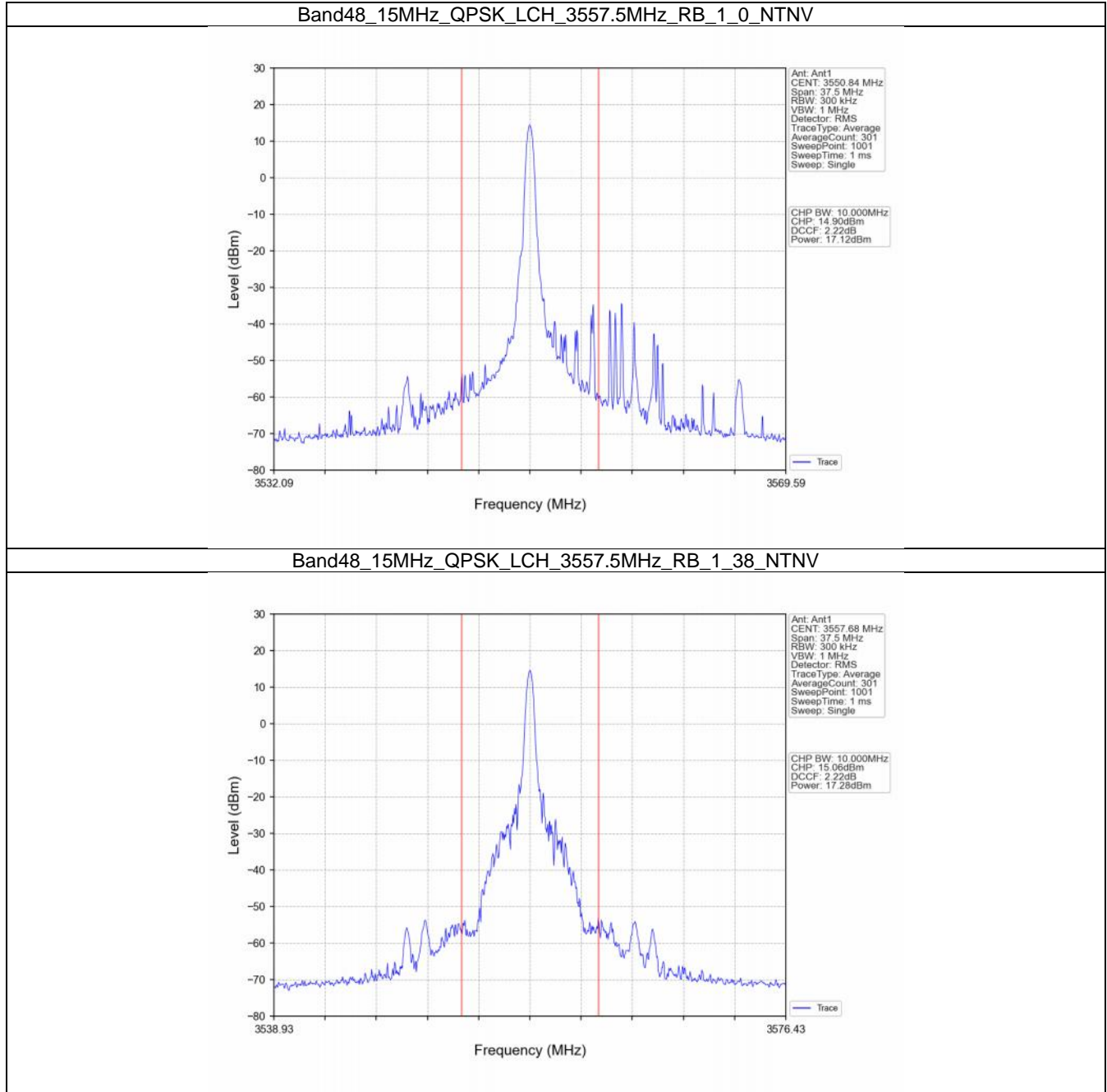


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2.3.2 Test Graph

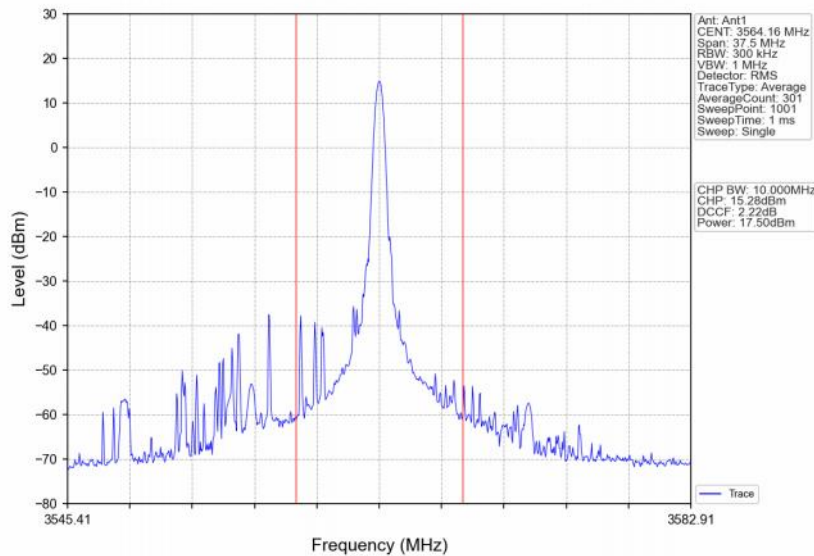


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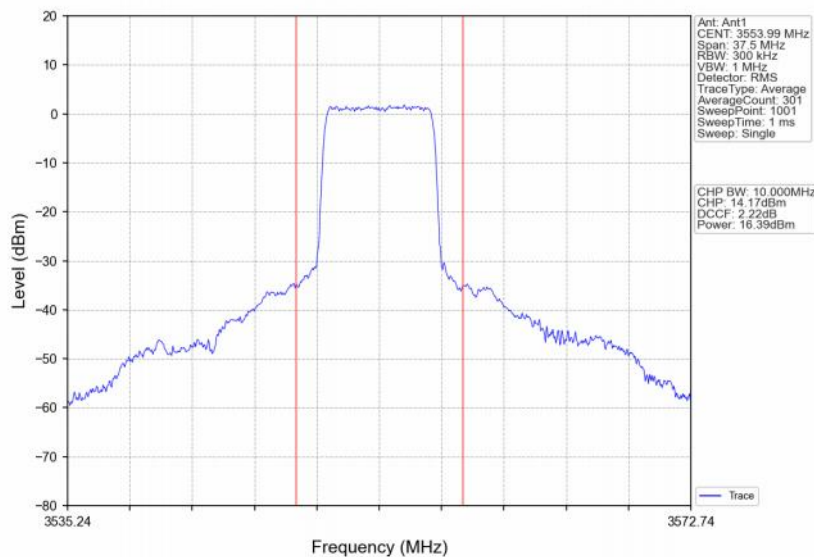
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Band48_15MHz_QPSK_LCH_3557.5MHz_RB_1_74_NTNV



Band48_15MHz_QPSK_LCH_3557.5MHz_RB_36_0_NTNV

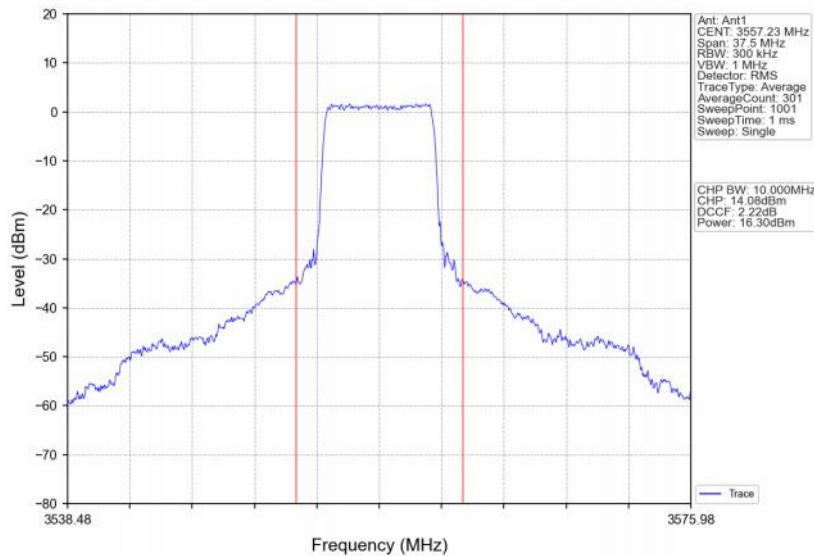


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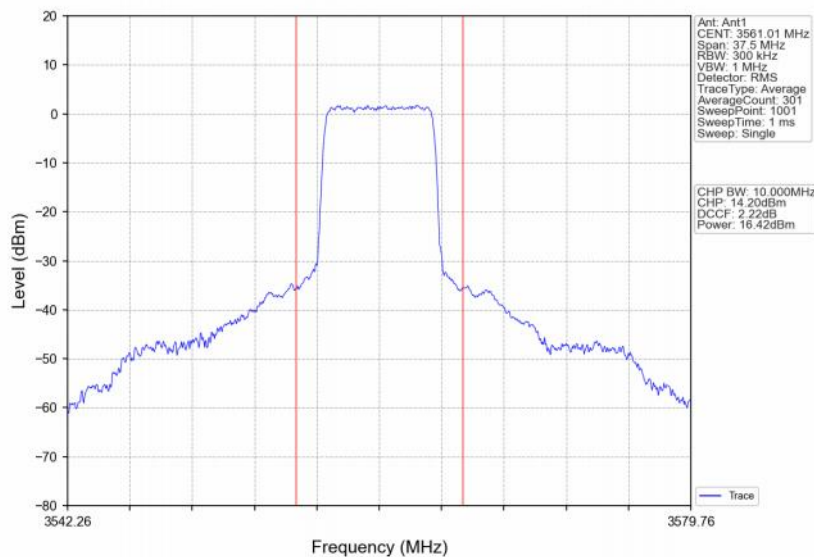
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Band48_15MHz_QPSK_LCH_3557.5MHz_RB_36_18_NTNV



Band48_15MHz_QPSK_LCH_3557.5MHz_RB_36_39_NTNV

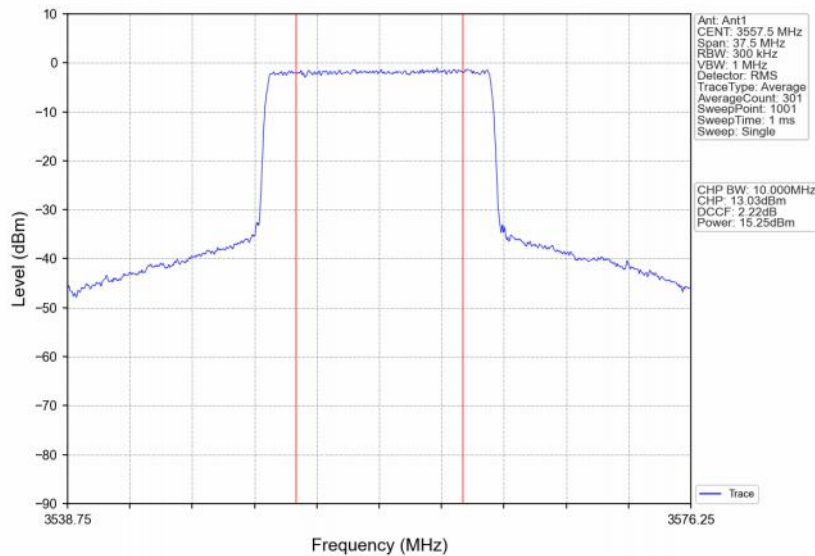


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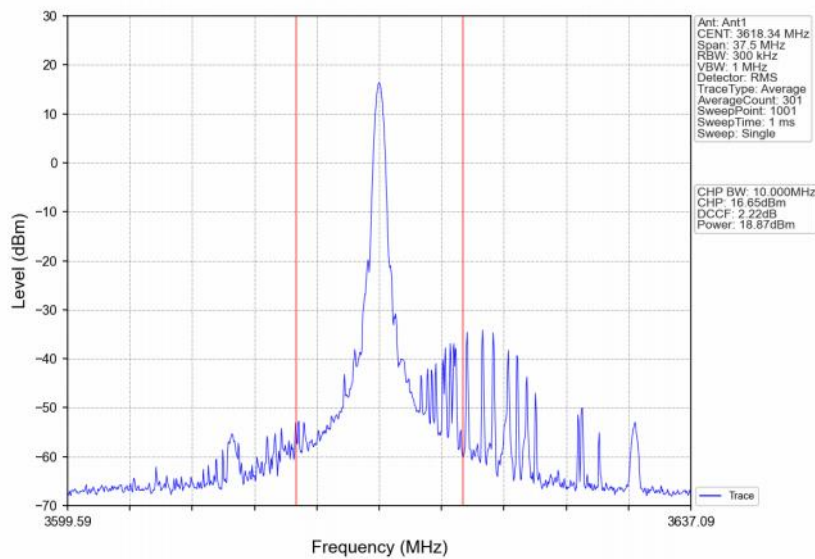
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Band48_15MHz_QPSK_LCH_3557.5MHz_RB_75_0_NTNV



Band48_15MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV

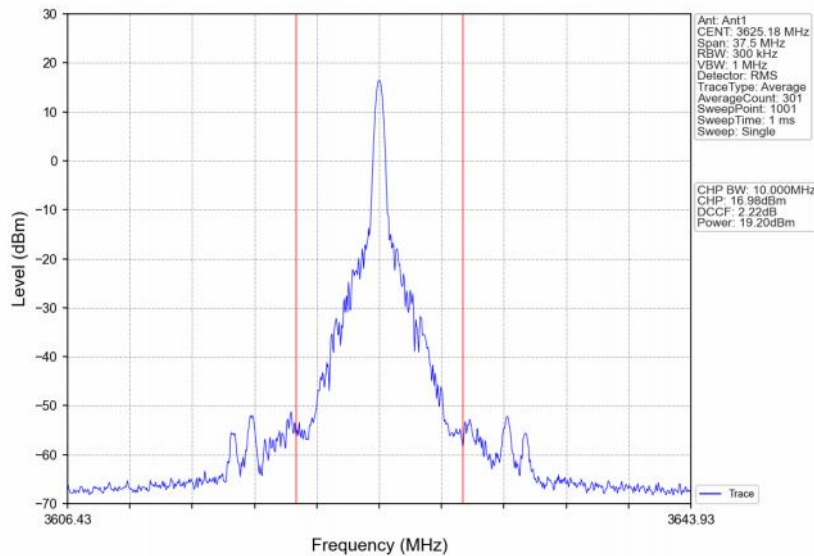


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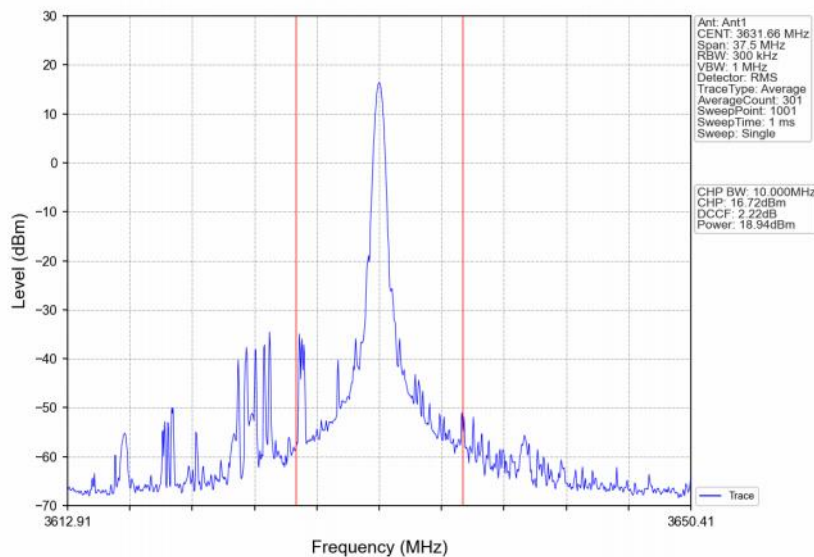
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Band48_15MHz_QPSK_MCH_3625MHz_RB_1_38_NTNV



Band48_15MHz_QPSK_MCH_3625MHz_RB_1_74_NTNV

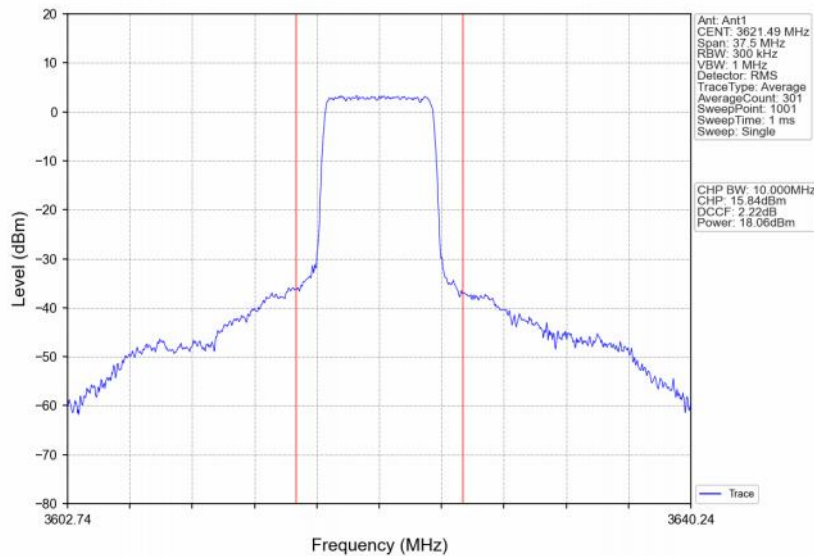


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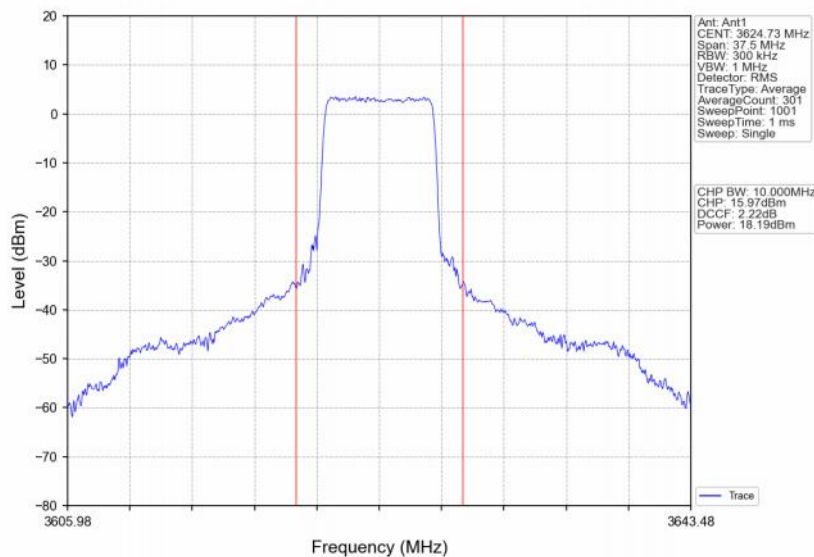
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Band48_15MHz_QPSK_MCH_3625MHz_RB_36_0_NTNV



Band48_15MHz_QPSK_MCH_3625MHz_RB_36_18_NTNV



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