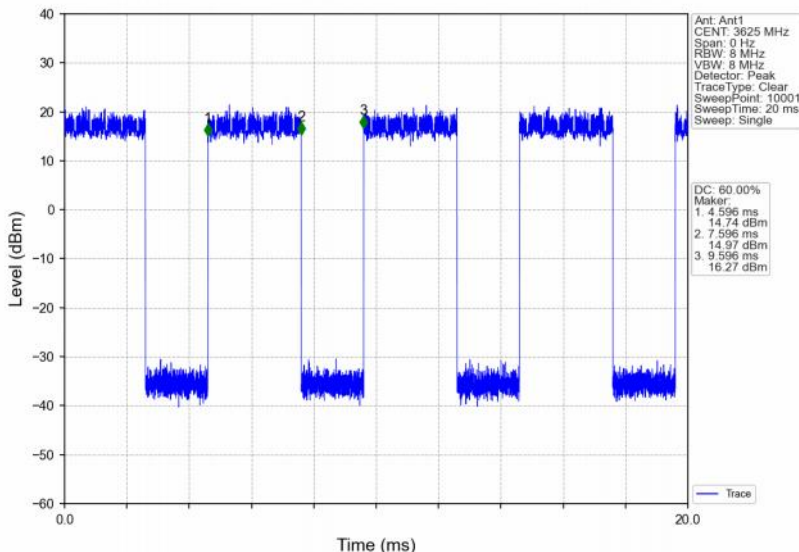
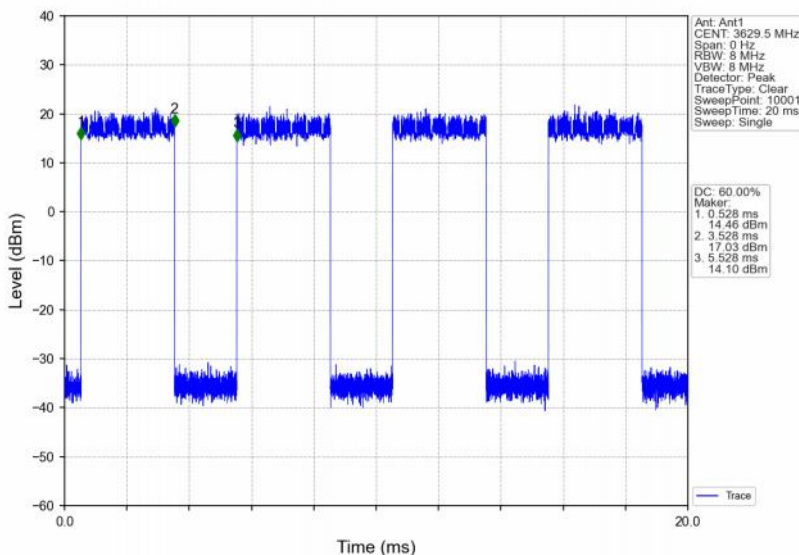


Band48_20MHz_256QAM_MCH_3625MHz_RB_50_25_NTNV



Band48_20MHz_256QAM_MCH_3625MHz_RB_50_50_NTNV

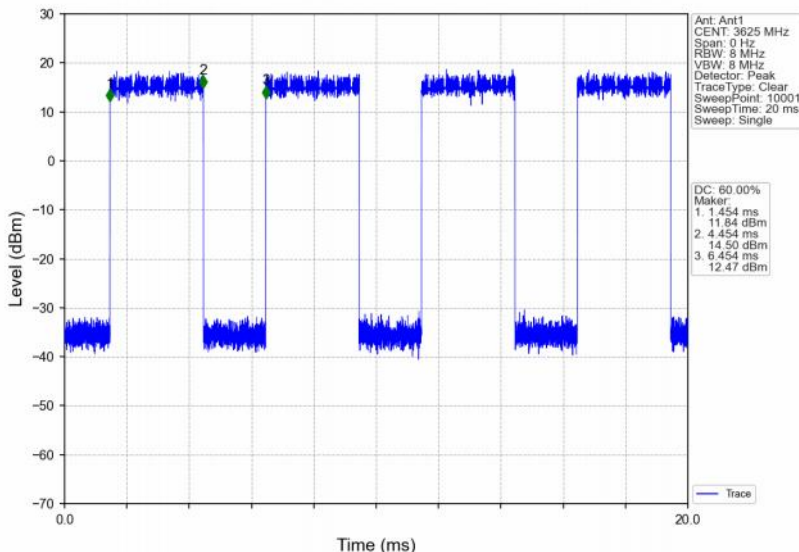


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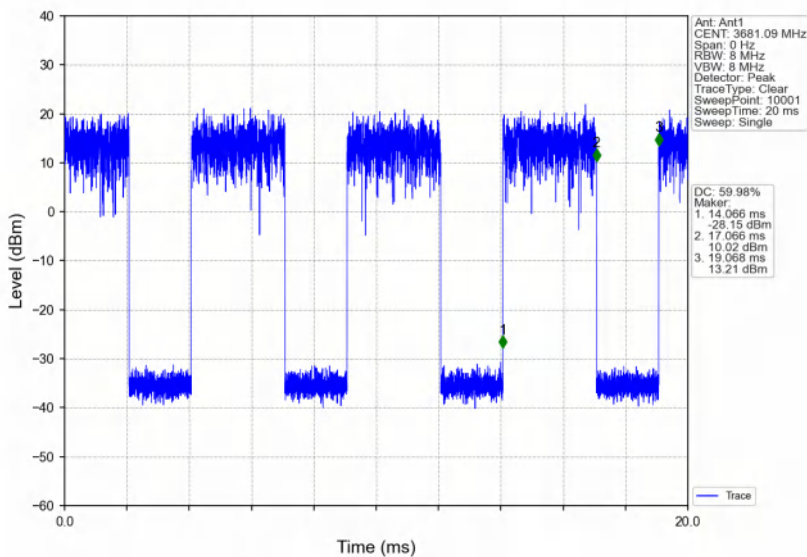
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Band48_20MHz_256QAM_MCH_3625MHz_RB_100_0_NTNV



Band48_20MHz_256QAM_HCH_3690MHz_RB_1_0_NTNV

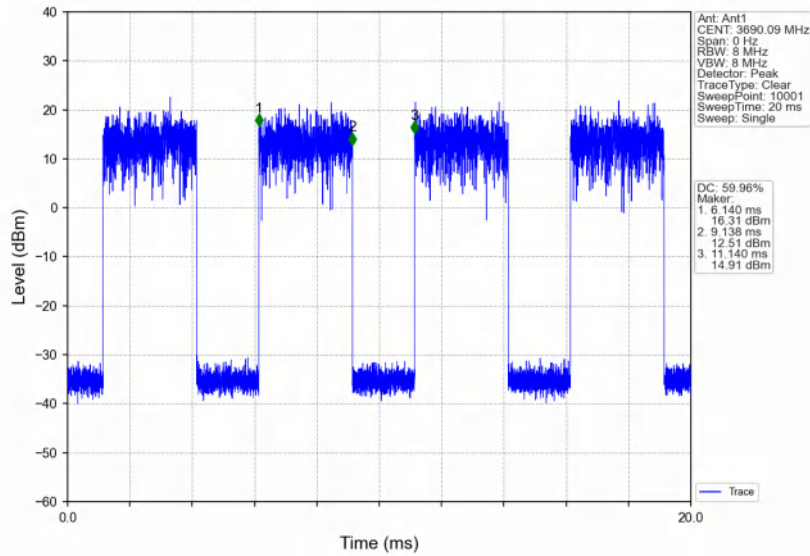


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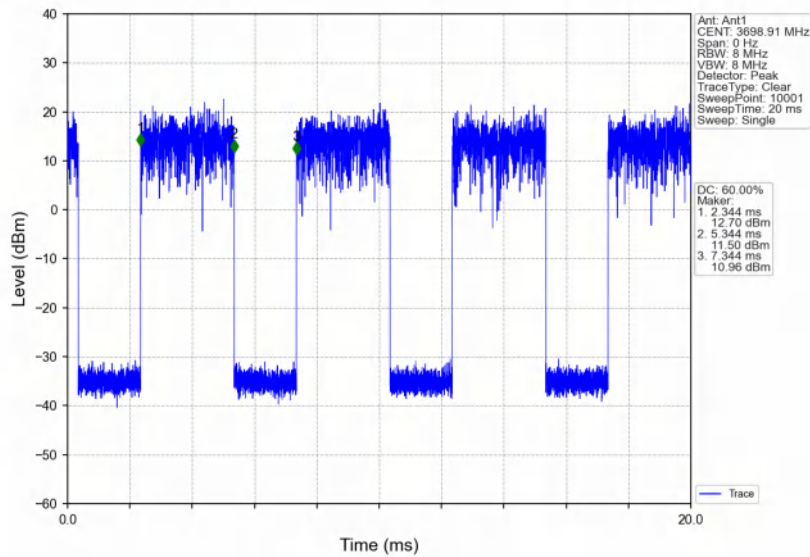
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Band48_20MHz_256QAM_HCH_3690MHz_RB_1_50_NTNV



Band48_20MHz_256QAM_HCH_3690MHz_RB_1_99_NTNV

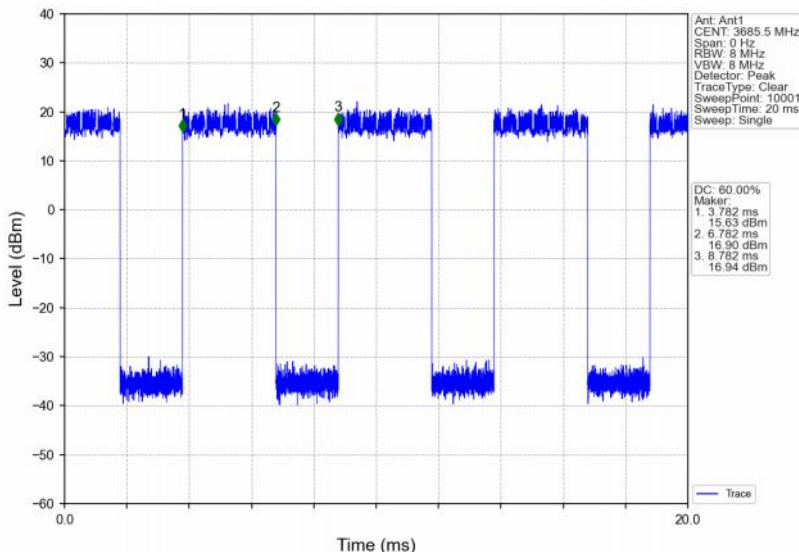


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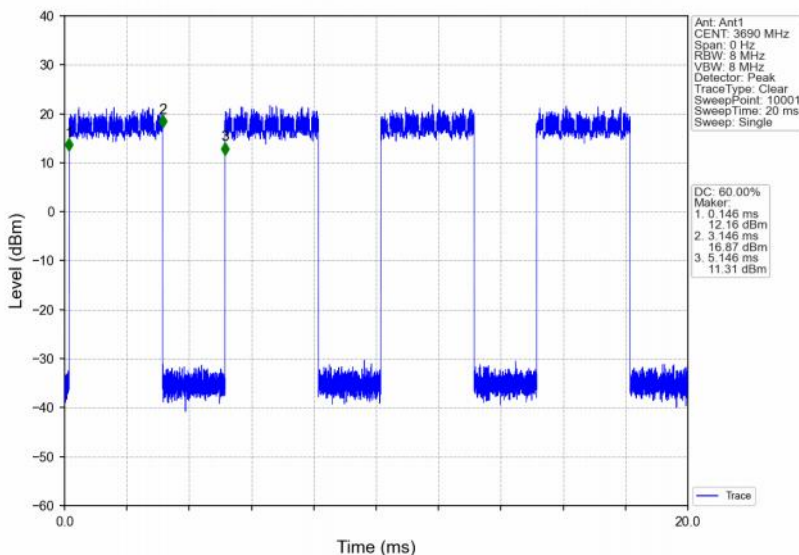
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Band48_20MHz_256QAM_HCH_3690MHz_RB_50_0_NTNV



Band48_20MHz_256QAM_HCH_3690MHz_RB_50_25_NTNV

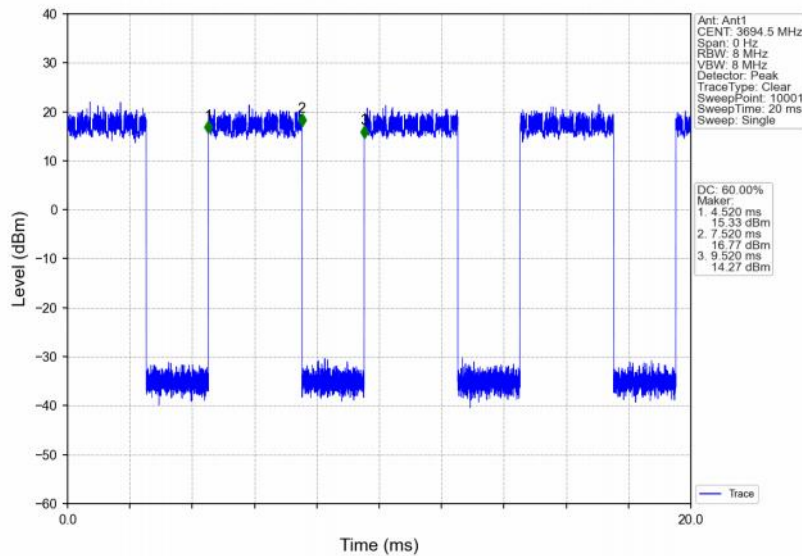


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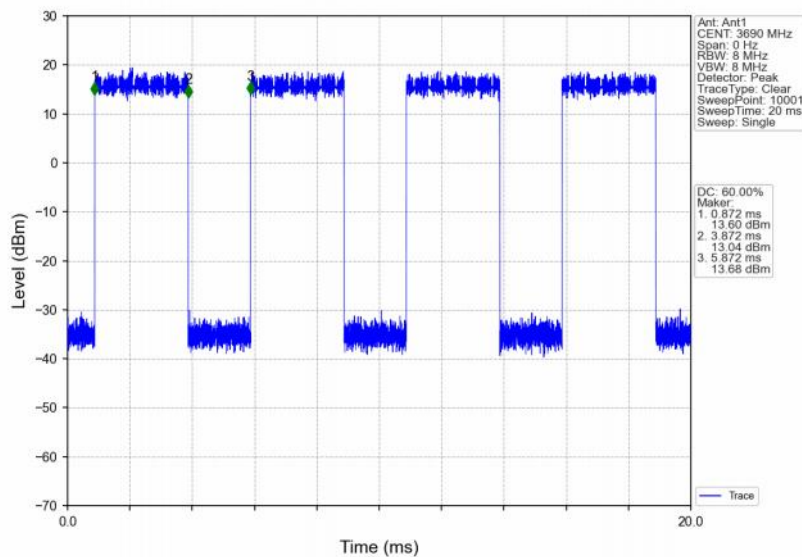
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Band48_20MHz_256QAM_HCH_3690MHz_RB_50_50_NTNV



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	17.55	3.10	20.65	<=23	Pass		
			13	17.60	3.10	20.70	<=23	Pass		
			24	16.55	3.10	19.65	<=23	Pass		
		12	0	16.87	3.10	19.97	<=23	Pass		
			6	16.47	3.10	19.57	<=23	Pass		
			13	16.31	3.10	19.41	<=23	Pass		
		25	0	16.13	3.10	19.23	<=23	Pass		
		3625	1	0	17.43	3.10	20.53	<=23	Pass	
				13	17.51	3.10	20.61	<=23	Pass	
	24			18.42	3.10	21.52	<=23	Pass		
	12		0	16.76	3.10	19.86	<=23	Pass		
			6	16.75	3.10	19.85	<=23	Pass		
			13	16.64	3.10	19.74	<=23	Pass		
	25		0	17.15	3.10	20.25	<=23	Pass		
	3697.5		1	0	18.59	3.10	21.69	<=23	Pass	
				13	18.91	3.10	22.01	<=23	Pass	
		24		18.86	3.10	21.96	<=23	Pass		
		12	0	17.73	3.10	20.83	<=23	Pass		
			6	18.04	3.10	21.14	<=23	Pass		
			13	17.71	3.10	20.81	<=23	Pass		
		25	0	18.06	3.10	21.16	<=23	Pass		
		16QAM	3552.5	1	0	15.63	3.10	18.73	<=23	Pass
					13	16.76	3.10	19.86	<=23	Pass
	24				16.74	3.10	19.84	<=23	Pass	
12	0			15.65	3.10	18.75	<=23	Pass		
	6			15.48	3.10	18.58	<=23	Pass		
	13			15.98	3.10	19.08	<=23	Pass		
25	0			14.72	3.10	17.82	<=23	Pass		
3625	1			0	16.37	3.10	19.47	<=23	Pass	
				13	17.32	3.10	20.42	<=23	Pass	
			24	16.13	3.10	19.23	<=23	Pass		
	12		0	16.18	3.10	19.28	<=23	Pass		
			6	15.51	3.10	18.61	<=23	Pass		
			13	15.88	3.10	18.98	<=23	Pass		
	25		0	15.54	3.10	18.64	<=23	Pass		
	3697.5		1	0	17.26	3.10	20.36	<=23	Pass	
				13	17.81	3.10	20.91	<=23	Pass	
24				17.28	3.10	20.38	<=23	Pass		
12			0	16.89	3.10	19.99	<=23	Pass		
			6	16.76	3.10	19.86	<=23	Pass		
			13	17.00	3.10	20.10	<=23	Pass		
25			0	17.02	3.10	20.12	<=23	Pass		
64QAM			3552.5	1	0	15.61	3.10	18.71	<=23	Pass
					13	14.75	3.10	17.85	<=23	Pass



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	3625	12	24	15.85	3.10	18.95	<=23	Pass	
			0	14.93	3.10	18.03	<=23	Pass	
			6	14.97	3.10	18.07	<=23	Pass	
		25	13	13.42	3.10	16.52	<=23	Pass	
			0	14.10	3.10	17.20	<=23	Pass	
			6	14.90	3.10	17.94	<=23	Pass	
	3697.5	1	0	16.37	3.10	19.47	<=23	Pass	
			13	15.70	3.10	18.80	<=23	Pass	
			24	15.02	3.10	18.12	<=23	Pass	
		12	0	14.84	3.10	17.94	<=23	Pass	
			6	14.90	3.10	18.00	<=23	Pass	
			13	14.22	3.10	17.32	<=23	Pass	
	3552.5	1	0	16.05	3.10	19.15	<=23	Pass	
			13	16.87	3.10	19.97	<=23	Pass	
			24	16.58	3.10	19.68	<=23	Pass	
		12	0	15.72	3.10	18.82	<=23	Pass	
			6	15.97	3.10	19.07	<=23	Pass	
			13	15.68	3.10	18.78	<=23	Pass	
	256QAM	3625	1	0	12.57	3.10	15.67	<=23	Pass
				13	12.26	3.10	15.36	<=23	Pass
				24	12.23	3.10	15.33	<=23	Pass
		12	0	13.08	3.10	16.18	<=23	Pass	
			6	12.35	3.10	15.45	<=23	Pass	
			13	12.13	3.10	15.23	<=23	Pass	
3697.5	1	0	12.04	3.10	15.14	<=23	Pass		
		13	13.88	3.10	16.98	<=23	Pass		
		24	12.85	3.10	15.95	<=23	Pass		
	12	0	12.86	3.10	15.96	<=23	Pass		
		6	13.52	3.10	16.62	<=23	Pass		
		13	13.32	3.10	16.42	<=23	Pass		
3625	1	0	12.69	3.10	15.79	<=23	Pass		
		13	13.33	3.10	16.43	<=23	Pass		
		24	13.51	3.10	16.61	<=23	Pass		
	12	0	13.51	3.10	16.61	<=23	Pass		
		6	13.51	3.10	16.61	<=23	Pass		
		13	12.63	3.10	15.73	<=23	Pass		
3625	1	0	14.07	3.10	17.17	<=23	Pass		
		13	13.97	3.10	17.07	<=23	Pass		
		24	13.97	3.10	17.07	<=23	Pass		
	12	0	13.97	3.10	17.07	<=23	Pass		
		6	13.85	3.10	16.95	<=23	Pass		
		13	13.54	3.10	16.64	<=23	Pass		
3625	1	0	13.73	3.10	16.83	<=23	Pass		
		13	13.73	3.10	16.83	<=23	Pass		
		24	13.73	3.10	16.83	<=23	Pass		
	12	0	13.73	3.10	16.83	<=23	Pass		
		6	13.73	3.10	16.83	<=23	Pass		
		13	13.73	3.10	16.83	<=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	17.62	3.10	20.72	<=23	Pass		
			13	17.69	3.10	20.79	<=23	Pass		
			24	16.28	3.10	19.38	<=23	Pass		
		12	0	16.91	3.10	20.01	<=23	Pass		
			6	16.52	3.10	19.62	<=23	Pass		
			13	16.35	3.10	19.45	<=23	Pass		
		25	0	18.32	3.10	21.42	<=23	Pass		
		3625	1	0	17.59	3.10	20.69	<=23	Pass	
				13	17.67	3.10	20.77	<=23	Pass	
	24			18.52	3.10	21.62	<=23	Pass		
	12		0	16.78	3.10	19.88	<=23	Pass		
			6	16.65	3.10	19.75	<=23	Pass		
			13	16.79	3.10	19.89	<=23	Pass		
	25		0	19.31	3.10	22.41	<=23	Pass		
	3697.5		1	0	18.45	3.10	21.55	<=23	Pass	
				13	18.93	3.10	22.03	<=23	Pass	
		24		18.91	3.10	22.01	<=23	Pass		
		12	0	17.91	3.10	21.01	<=23	Pass		
			6	18.41	3.10	21.51	<=23	Pass		
			13	17.88	3.10	20.98	<=23	Pass		
		25	0	19.46	3.10	22.56	<=23	Pass		
		16QAM	3552.5	1	0	15.71	3.10	18.81	<=23	Pass
					13	16.83	3.10	19.93	<=23	Pass
	24				17.02	3.10	20.12	<=23	Pass	
12	0			16.20	3.10	19.30	<=23	Pass		
	6			15.34	3.10	18.44	<=23	Pass		
	13			16.11	3.10	19.21	<=23	Pass		
25	0			17.03	3.10	20.13	<=23	Pass		
3625	1			0	16.55	3.10	19.65	<=23	Pass	
				13	17.41	3.10	20.51	<=23	Pass	
			24	16.32	3.10	19.42	<=23	Pass		
	12		0	16.25	3.10	19.35	<=23	Pass		
			6	15.73	3.10	18.83	<=23	Pass		
			13	15.98	3.10	19.08	<=23	Pass		
	25		0	18.32	3.10	21.42	<=23	Pass		
	3697.5		1	0	17.32	3.10	20.42	<=23	Pass	
				13	18.03	3.10	21.13	<=23	Pass	
24				17.44	3.10	20.54	<=23	Pass		
12			0	17.38	3.10	20.48	<=23	Pass		
			6	16.82	3.10	19.92	<=23	Pass		
			13	17.02	3.10	20.12	<=23	Pass		
25			0	19.31	3.10	22.41	<=23	Pass		
64QAM			3552.5	1	0	15.85	3.10	18.95	<=23	Pass
					13	14.97	3.10	18.07	<=23	Pass
	24				16.25	3.10	19.35	<=23	Pass	
	12	0		15.32	3.10	18.42	<=23	Pass		
		6		14.88	3.10	17.98	<=23	Pass		
		13		13.52	3.10	16.62	<=23	Pass		
	25	0		17.03	3.10	20.13	<=23	Pass		



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	3625	1	0	16.66	3.10	19.76	<=23	Pass	
			13	15.88	3.10	18.98	<=23	Pass	
			24	16.31	3.10	19.41	<=23	Pass	
		12	0	14.3	3.10	17.4	<=23	Pass	
			6	15.21	3.10	18.31	<=23	Pass	
			13	14.32	3.10	17.42	<=23	Pass	
		25	0	17.51	3.10	20.61	<=23	Pass	
		3697.5	1	0	16.35	3.10	19.45	<=23	Pass
				13	16.55	3.10	19.65	<=23	Pass
	24			17.21	3.10	20.31	<=23	Pass	
	12		0	15.81	3.10	18.91	<=23	Pass	
			6	16.22	3.10	19.32	<=23	Pass	
			13	16.74	3.10	19.84	<=23	Pass	
	25		0	18.28	3.10	21.38	<=23	Pass	
	256QAM		3552.5	1	0	13.21	3.10	16.31	<=23
13					12.42	3.10	15.52	<=23	Pass
24		12.37			3.10	15.47	<=23	Pass	
12		0		13.23	3.10	16.33	<=23	Pass	
		6		12.35	3.10	15.45	<=23	Pass	
		13		12.48	3.10	15.58	<=23	Pass	
25		0		15.02	3.10	18.12	<=23	Pass	
3625		1		0	13.94	3.10	17.04	<=23	Pass
				13	13.05	3.10	16.15	<=23	Pass
			24	13.21	3.10	16.31	<=23	Pass	
		12	0	13.51	3.10	16.61	<=23	Pass	
			6	13.47	3.10	16.57	<=23	Pass	
			13	12.65	3.10	15.75	<=23	Pass	
		25	0	16.03	3.10	19.13	<=23	Pass	
		3697.5	1	0	13.61	3.10	16.71	<=23	Pass
	13			12.52	3.10	15.62	<=23	Pass	
24	13.25			3.10	16.35	<=23	Pass		
12	0		14.62	3.10	17.72	<=23	Pass		
	6		13.94	3.10	17.04	<=23	Pass		
	13		13.66	3.10	16.76	<=23	Pass		
25	0		16.08	3.10	19.18	<=23	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

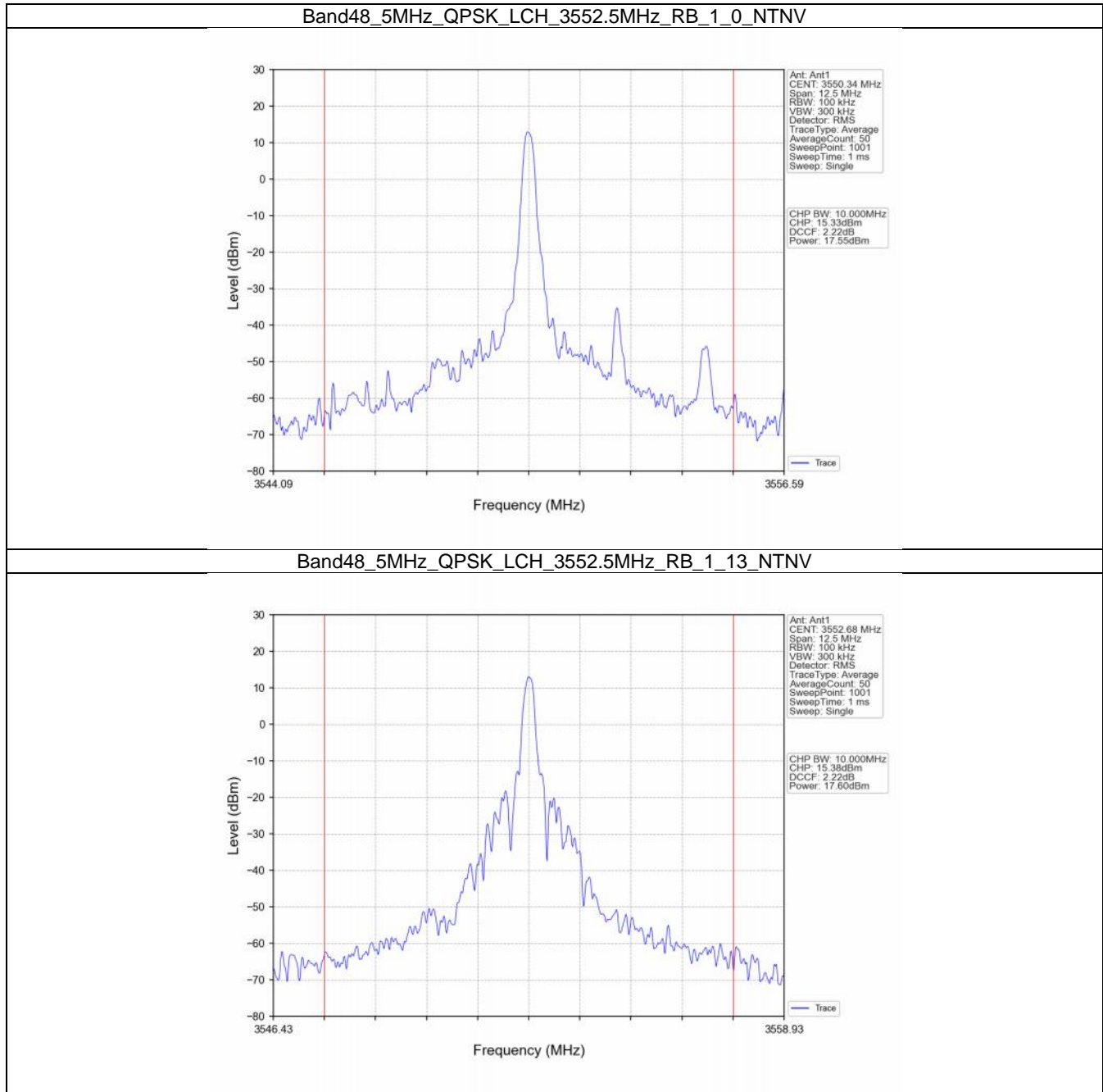


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2.1.2 Test Graph

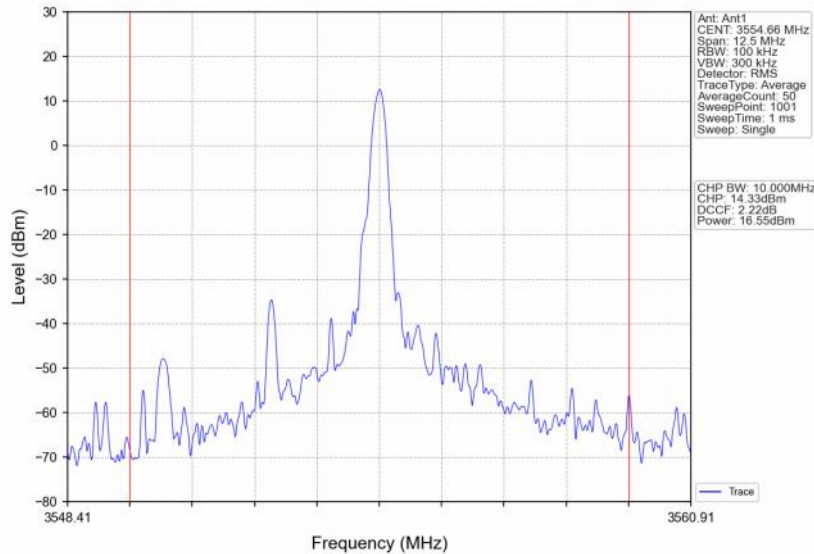


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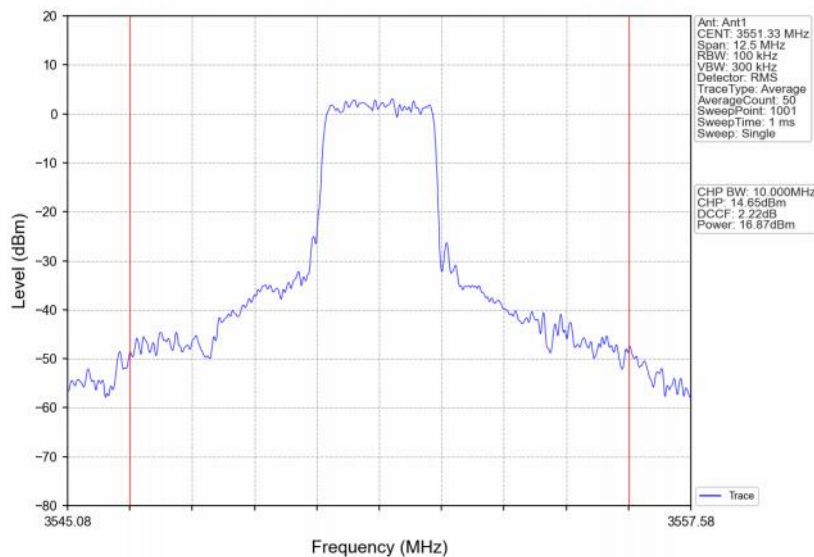
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Band48_5MHz_QPSK_LCH_3552.5MHz_RB_1_24_NTNV



Band48_5MHz_QPSK_LCH_3552.5MHz_RB_12_0_NTNV

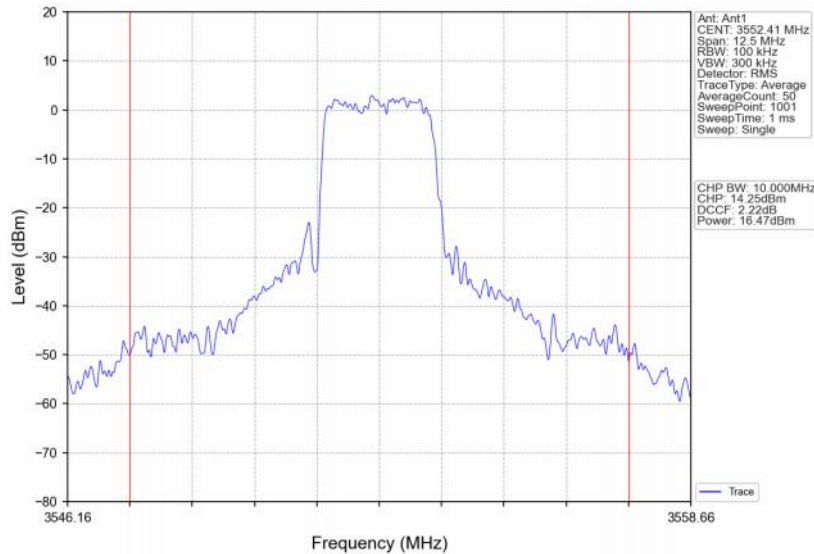


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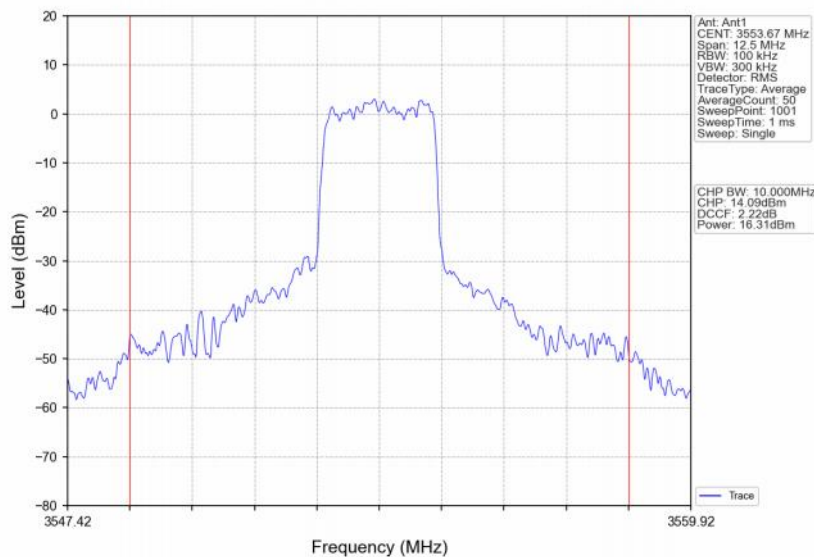
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Band48_5MHz_QPSK_LCH_3552.5MHz_RB_12_13_NTNV

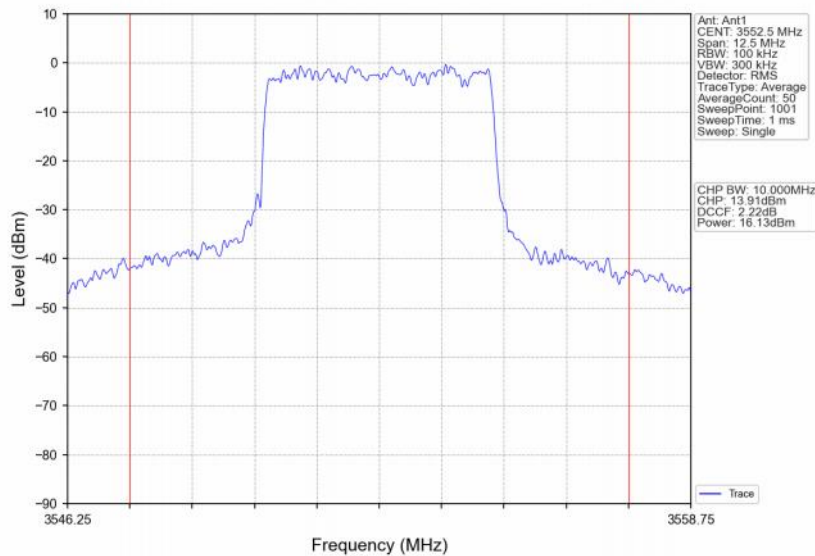


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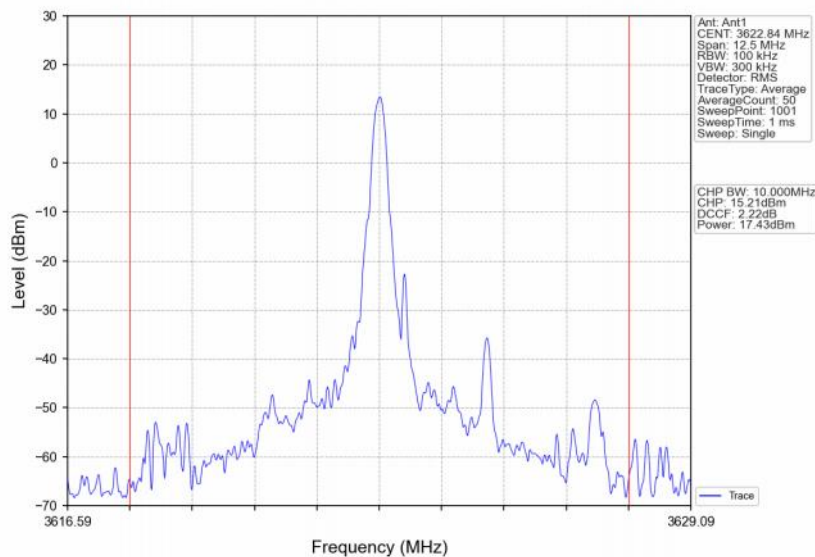
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Band48_5MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV

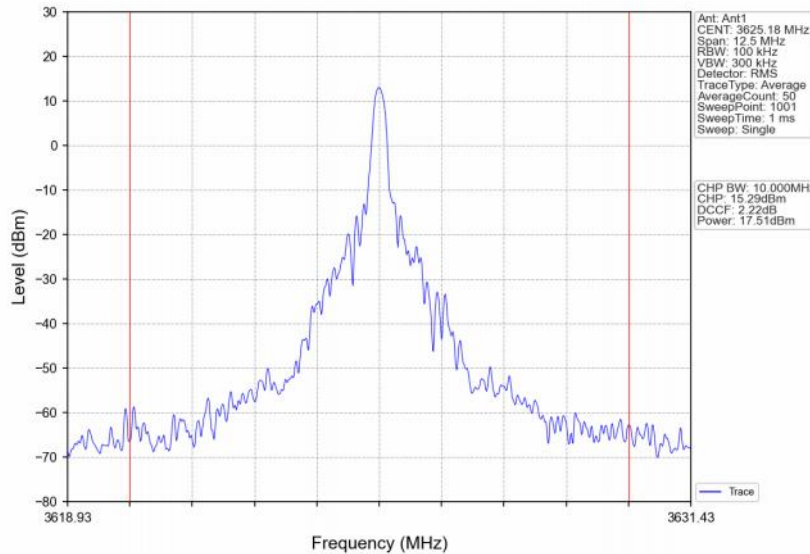


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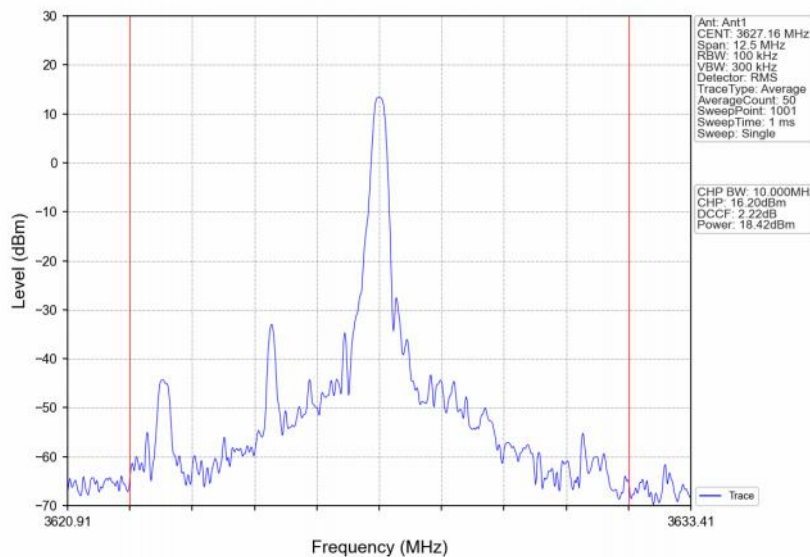
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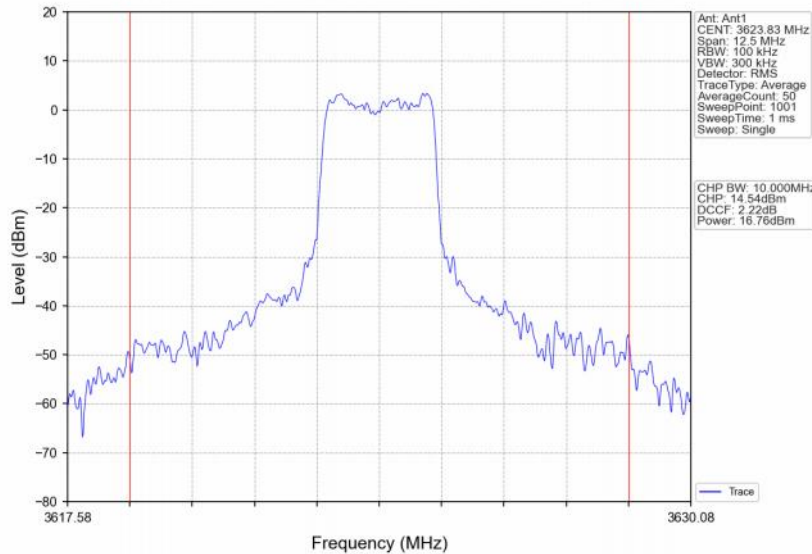


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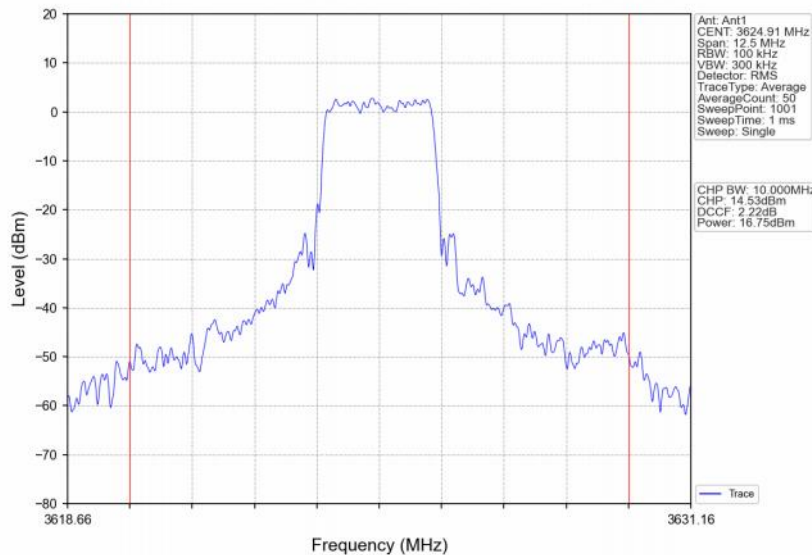
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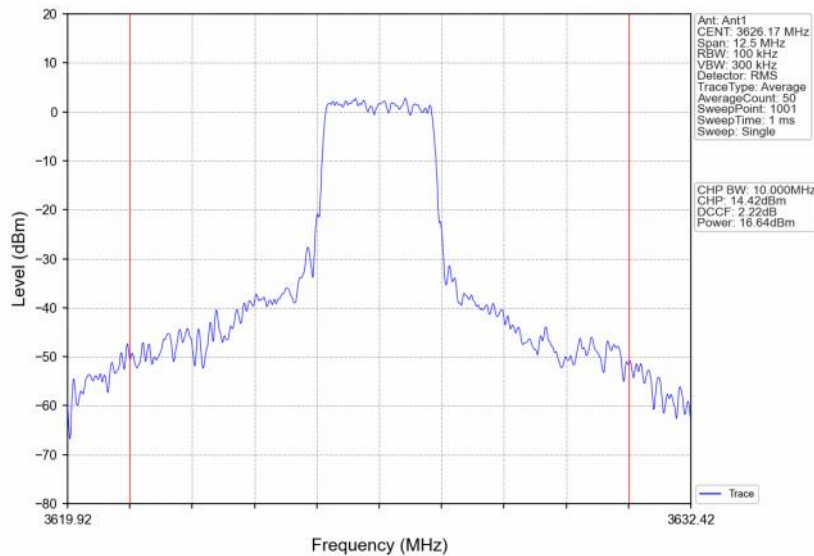


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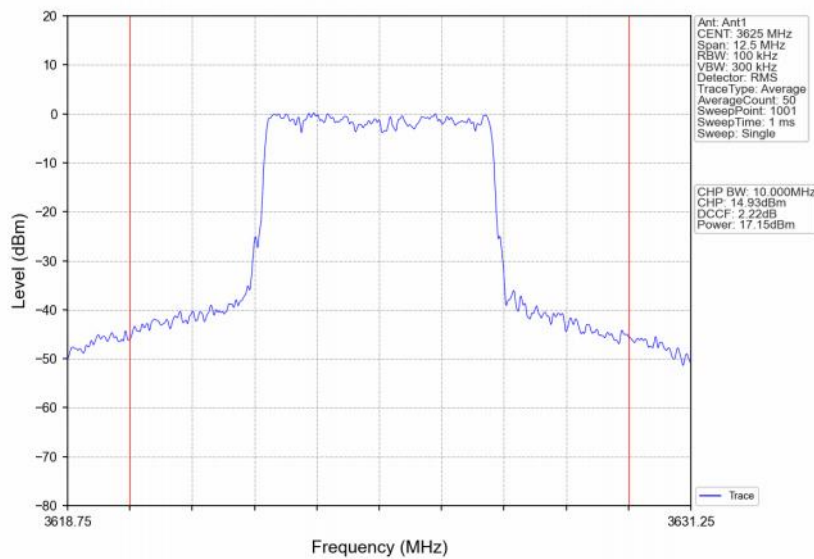
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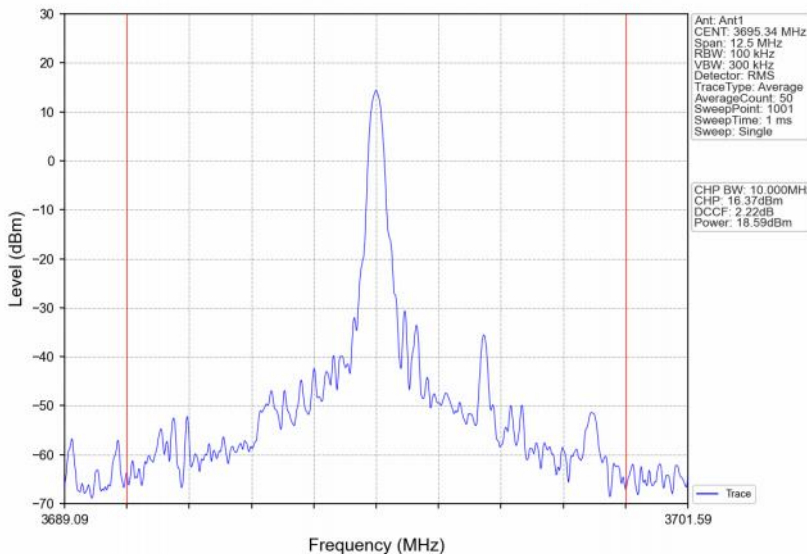


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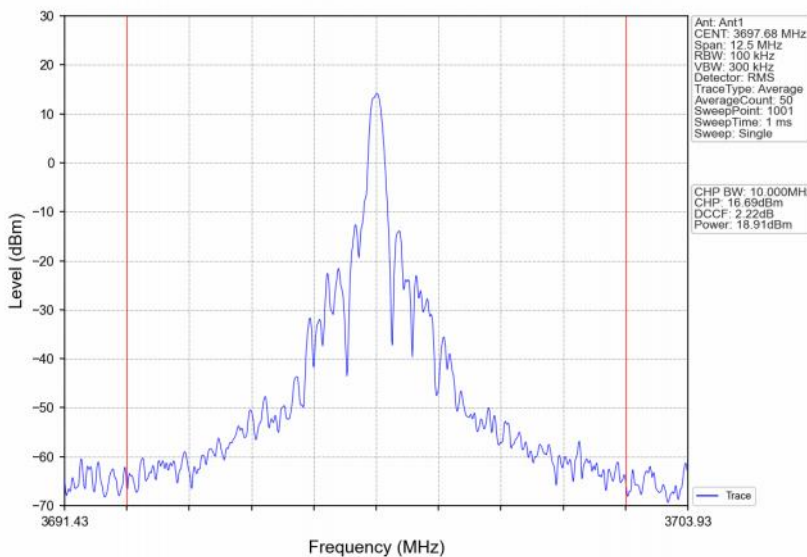
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Band48_5MHz_QPSK_HCH_3697.5MHz_RB_1_13_NTNV

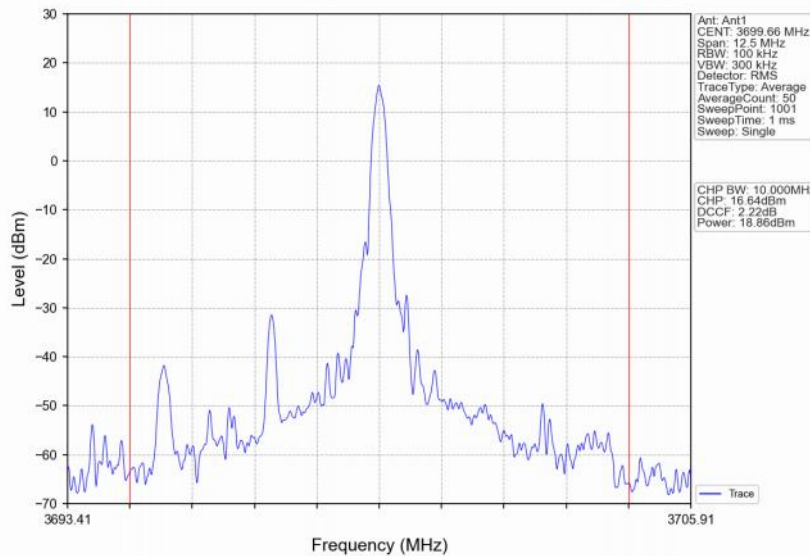


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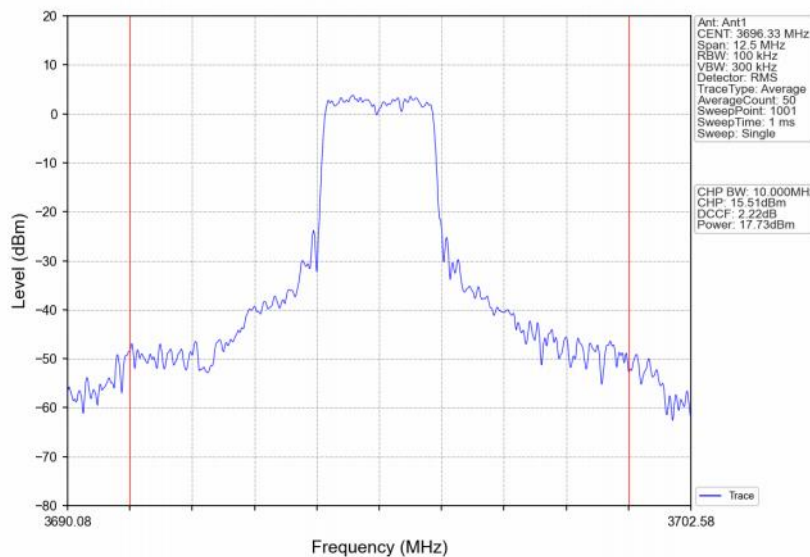
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Band48_5MHz_QPSK_HCH_3697.5MHz_RB_12_0_NTNV

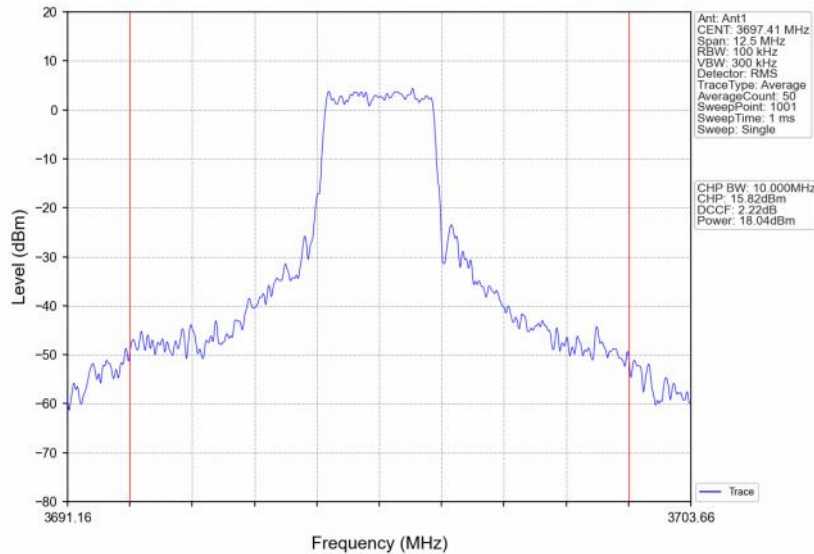


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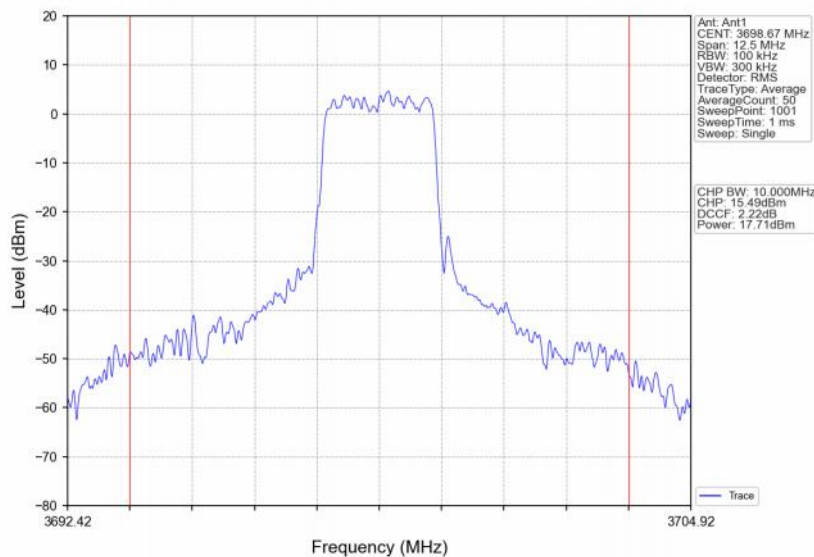
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Band48_5MHz_QPSK_HCH_3697.5MHz_RB_12_13_NTNV

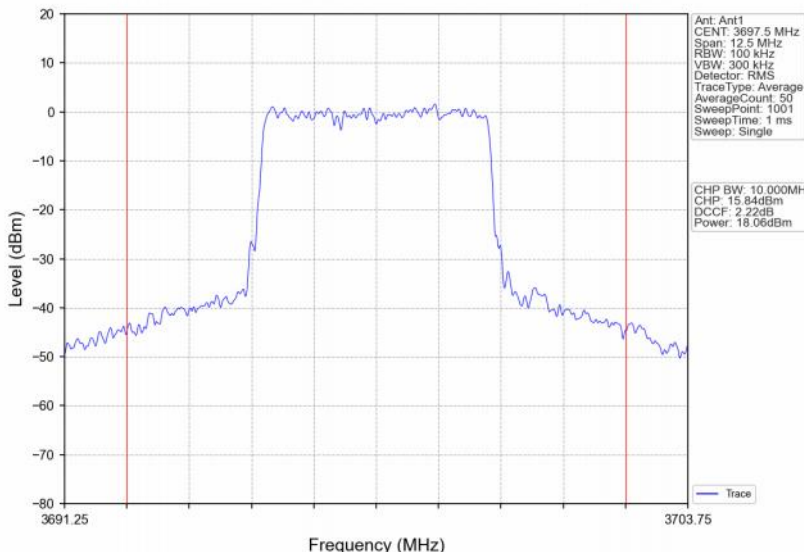


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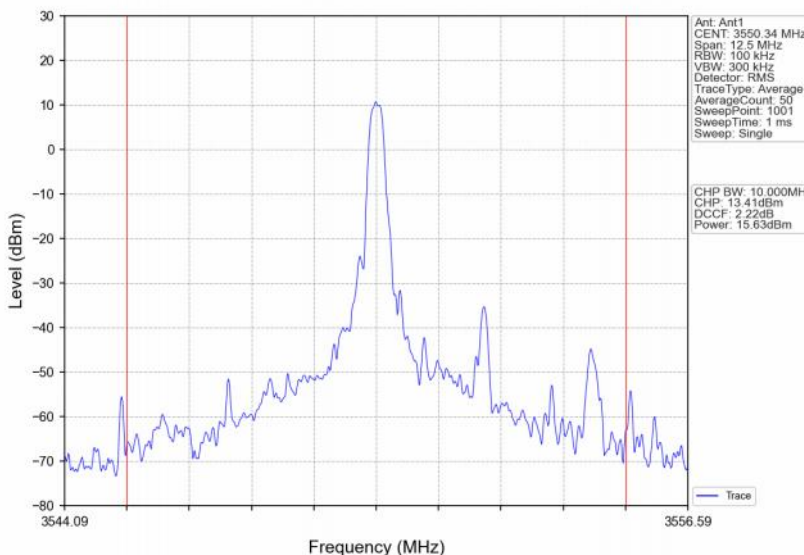
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Band48_5MHz_16QAM_LCH_3552.5MHz_RB_1_0_NTNV

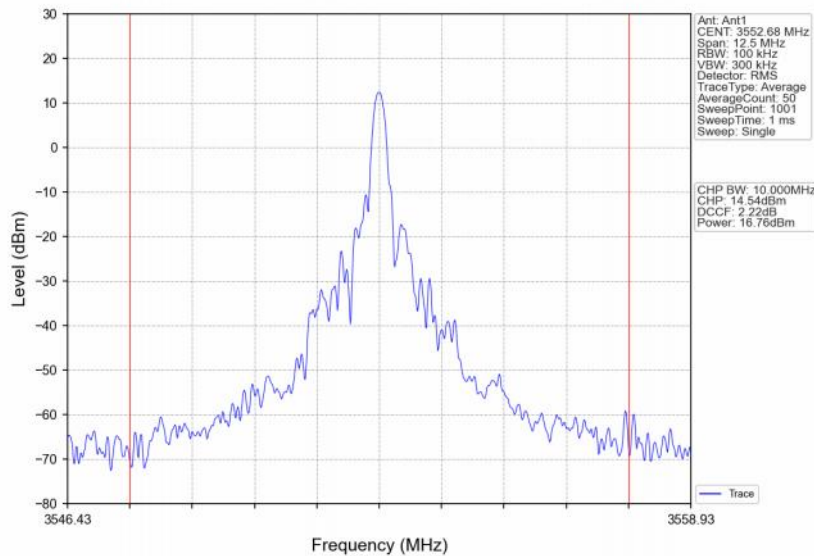


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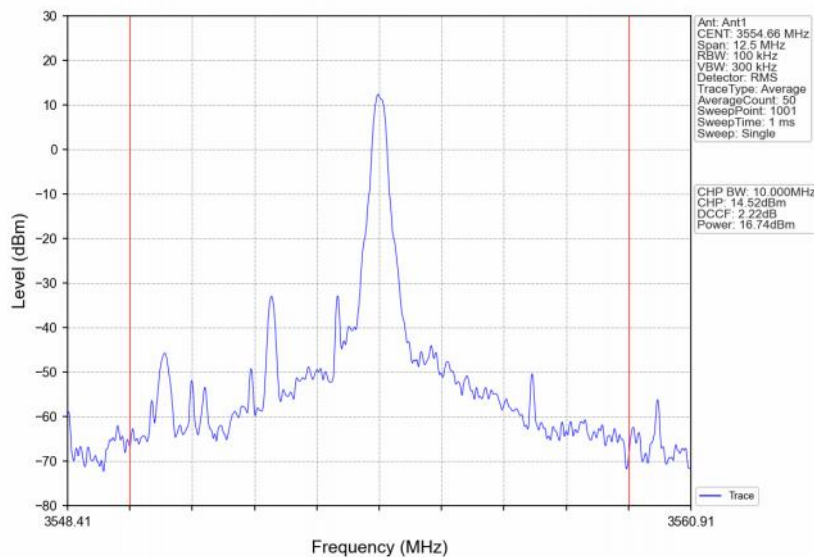
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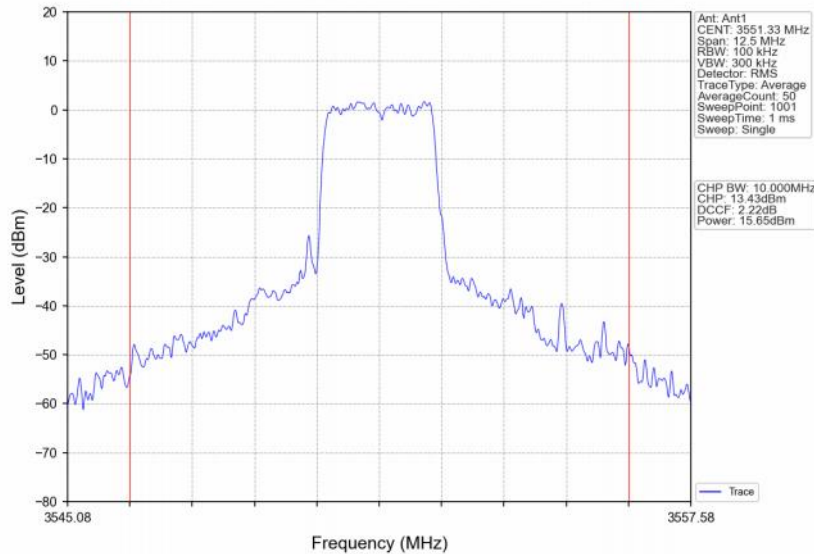


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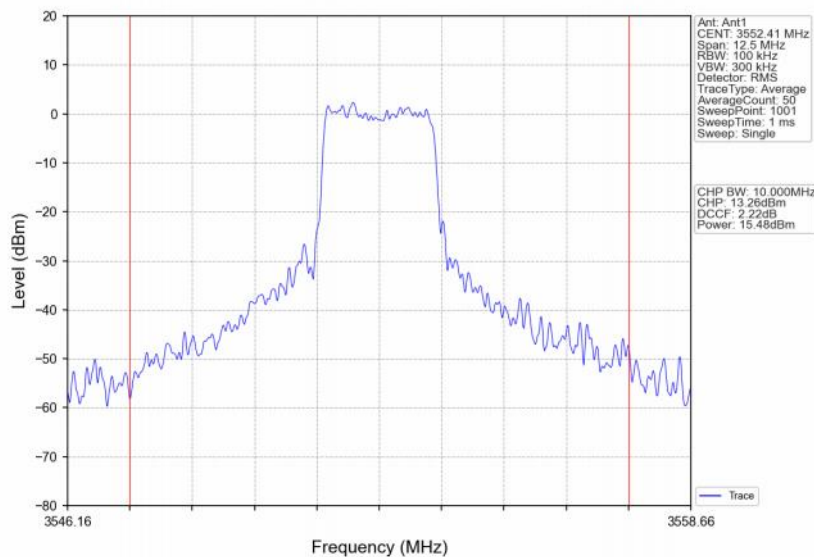
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Band48_5MHz_16QAM_LCH_3552.5MHz_RB_12_0_NTNV



Band48_5MHz_16QAM_LCH_3552.5MHz_RB_12_6_NTNV

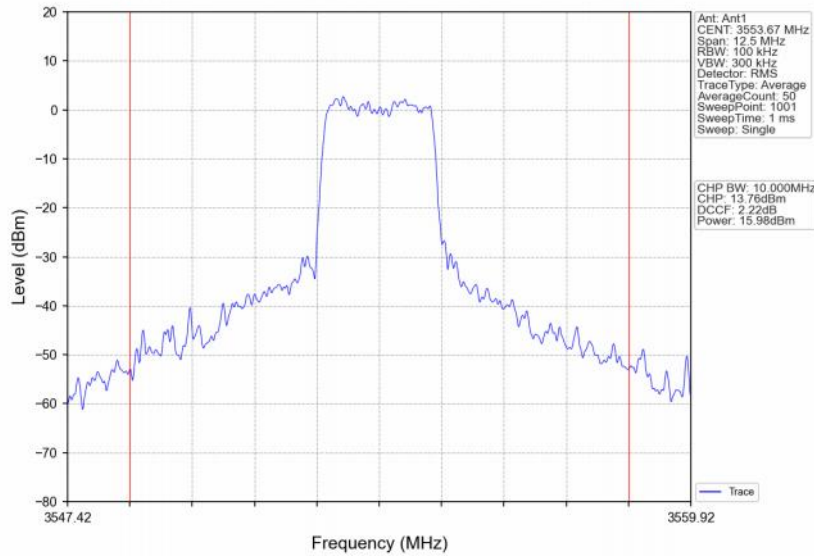


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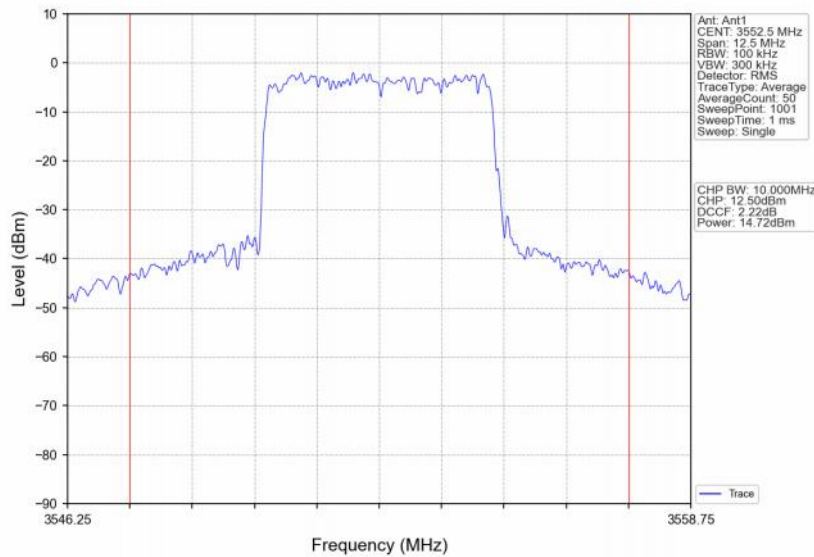
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Band48_5MHz_16QAM_LCH_3552.5MHz_RB_12_13_NTNV



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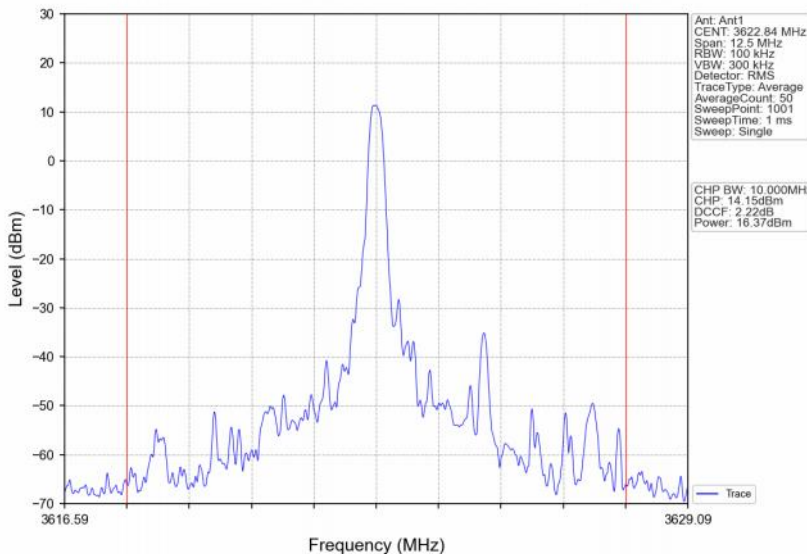


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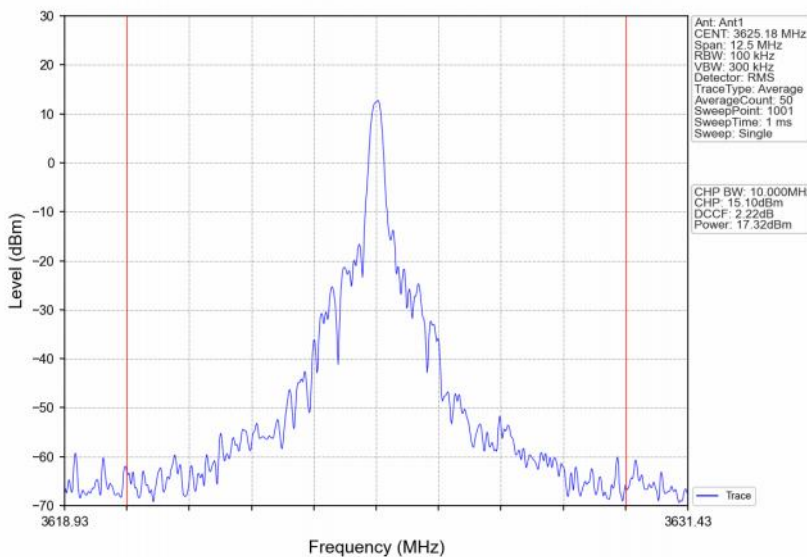
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Band48_5MHz_16QAM_MCH_3625MHz_RB_1_0_NTNV



Band48_5MHz_16QAM_MCH_3625MHz_RB_1_13_NTNV

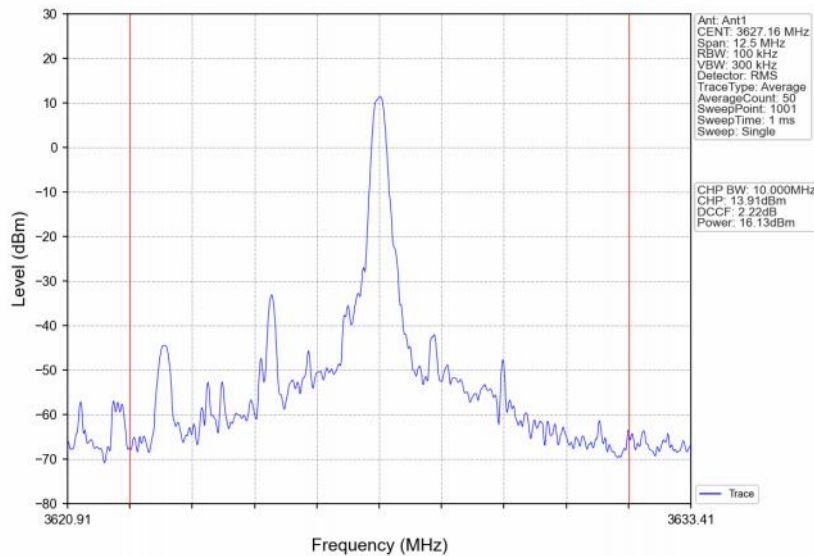


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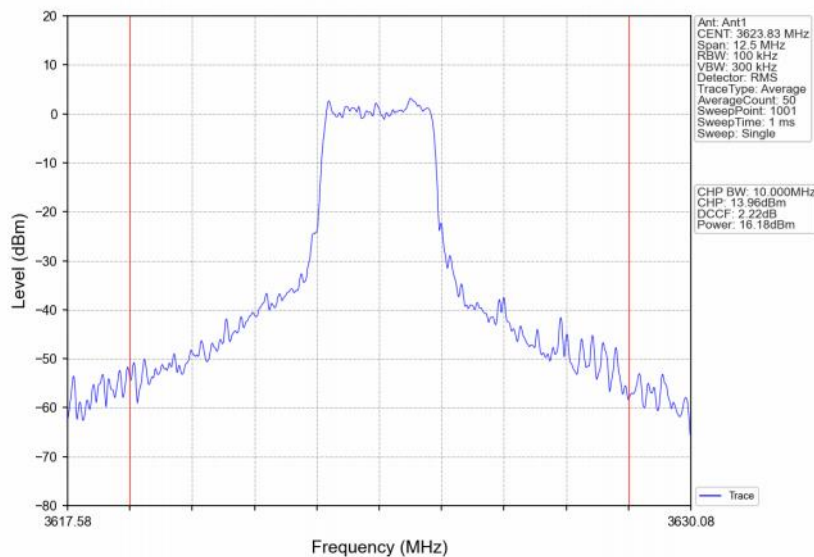
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Band48_5MHz_16QAM_MCH_3625MHz_RB_1_24_NTNV



Band48_5MHz_16QAM_MCH_3625MHz_RB_12_0_NTNV

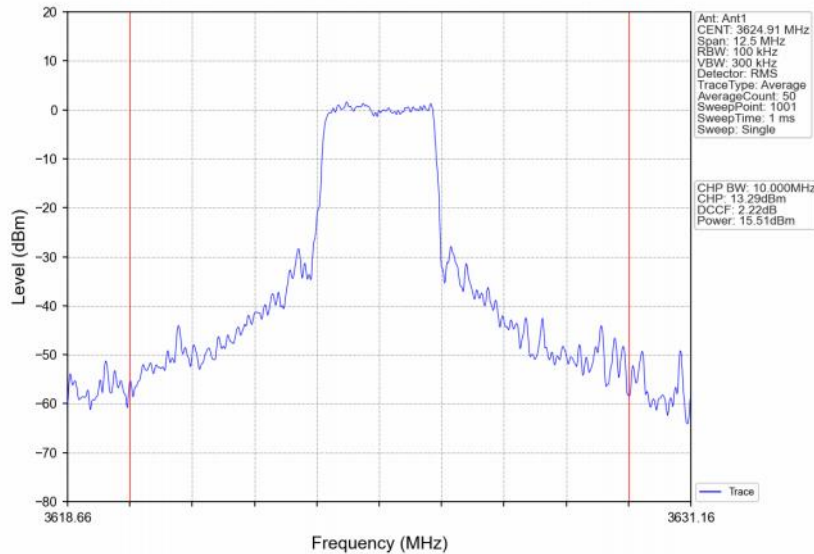


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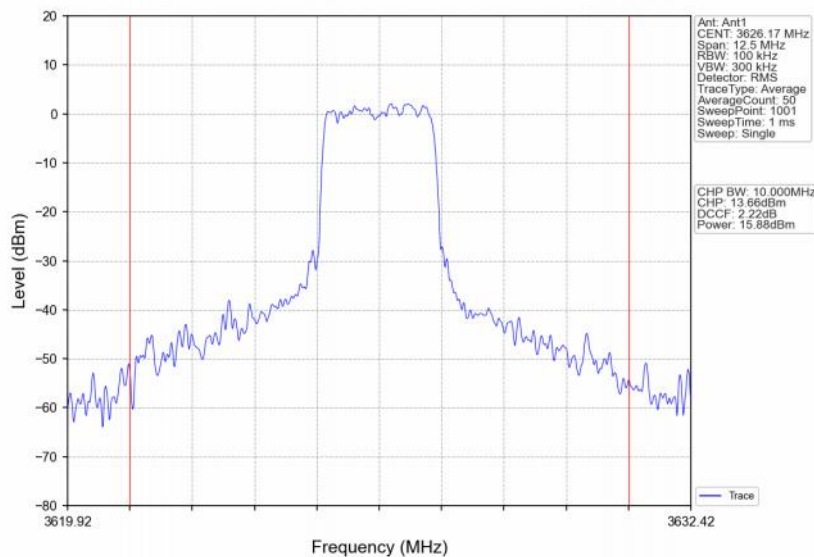
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Band48_5MHz_16QAM_MCH_3625MHz_RB_12_6_NTNV



Band48_5MHz_16QAM_MCH_3625MHz_RB_12_13_NTNV

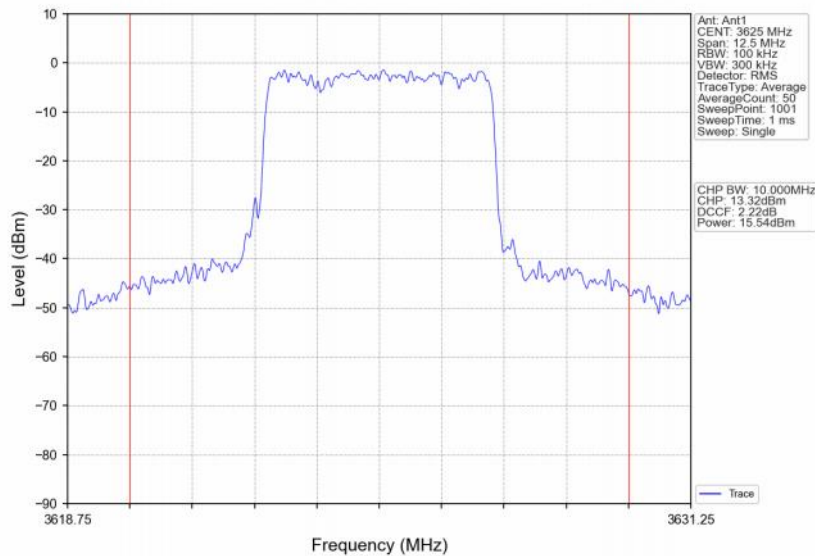


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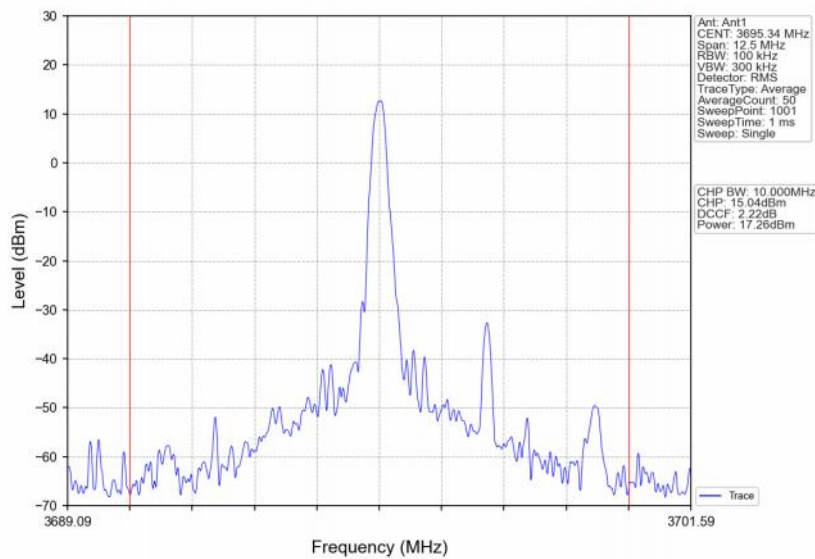
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Band48_5MHz_16QAM_MCH_3625MHz_RB_25_0_NTNV



Band48_5MHz_16QAM_HCH_3697.5MHz_RB_1_0_NTNV

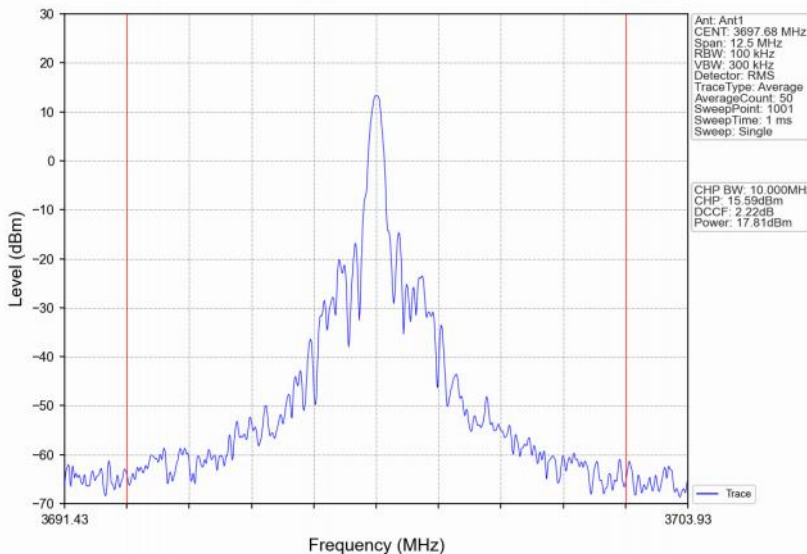


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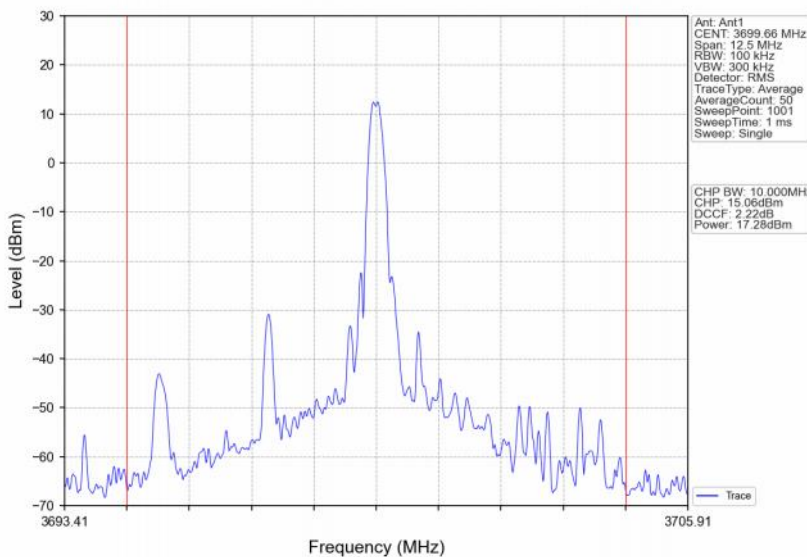
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Band48_5MHz_16QAM_HCH_3697.5MHz_RB_1_13_NTNV



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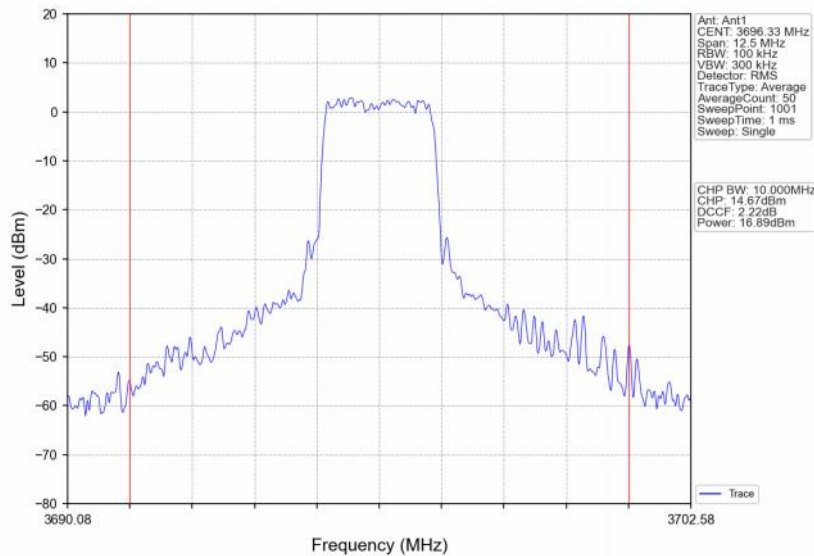


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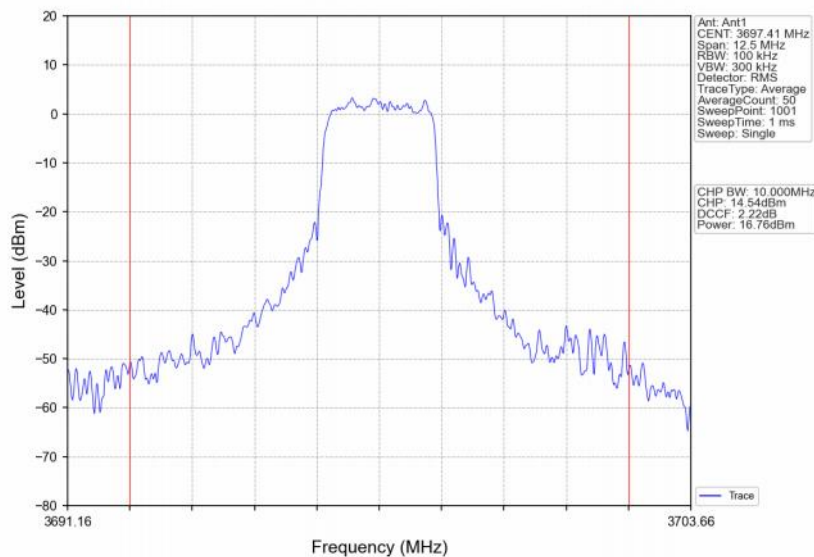
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Band48_5MHz_16QAM_HCH_3697.5MHz_RB_12_6_NTNV

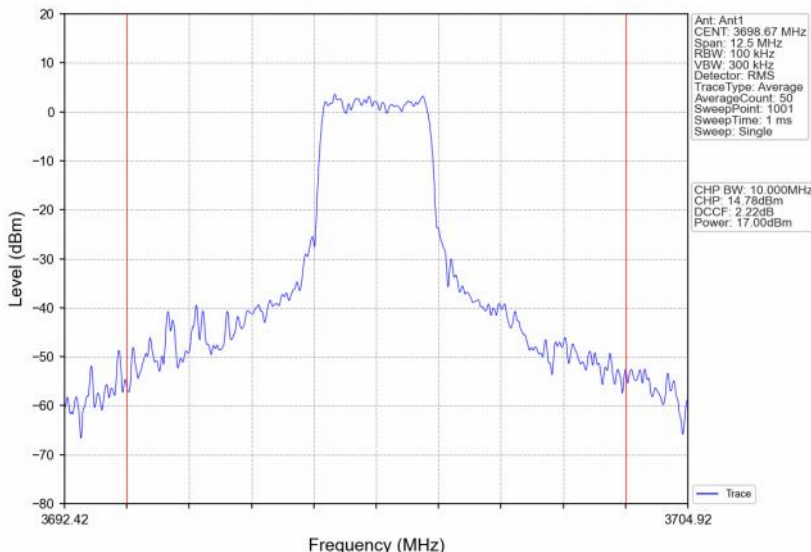


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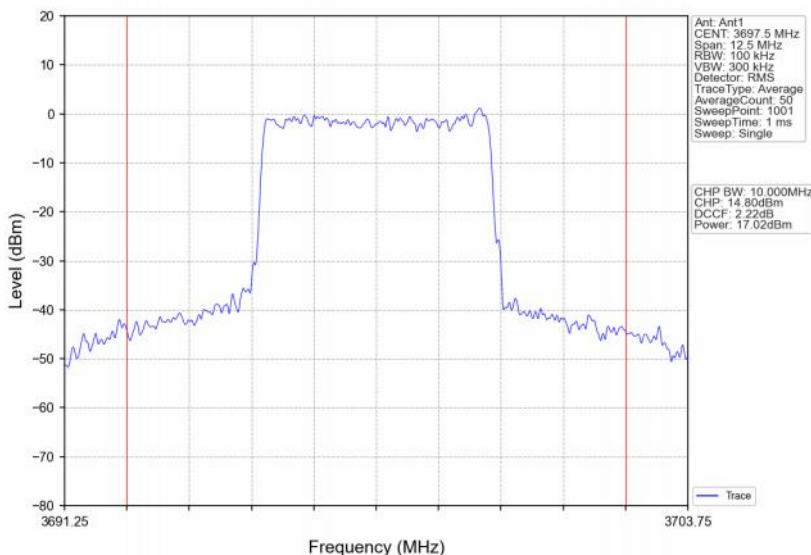
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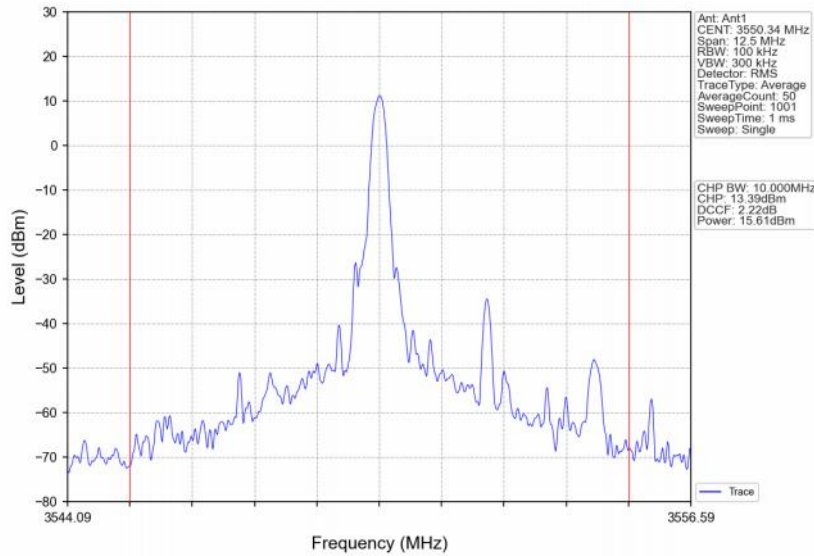


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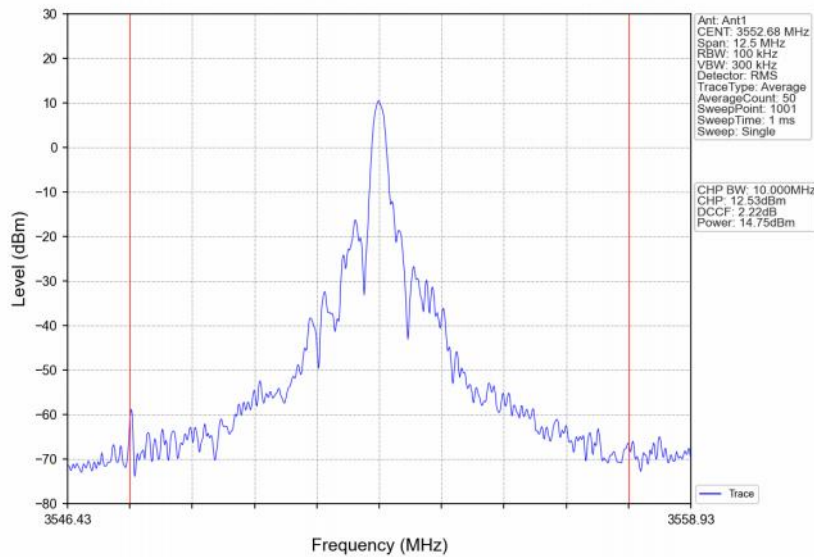
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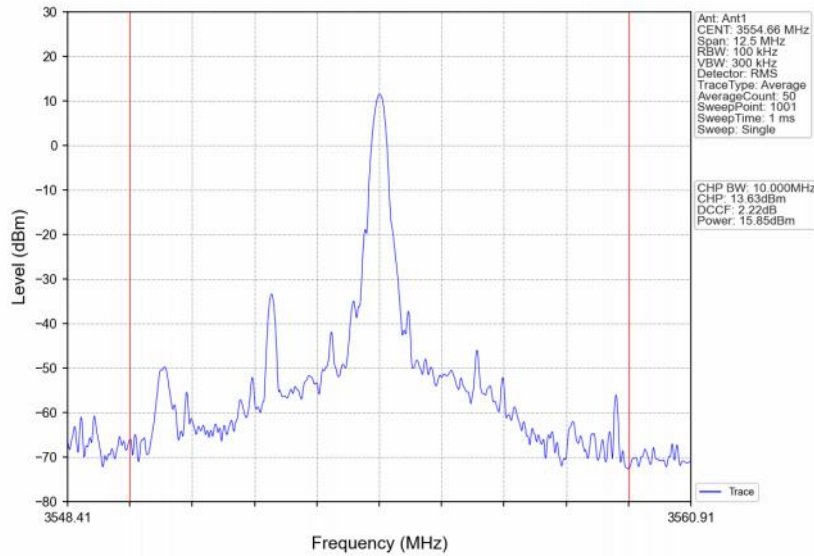


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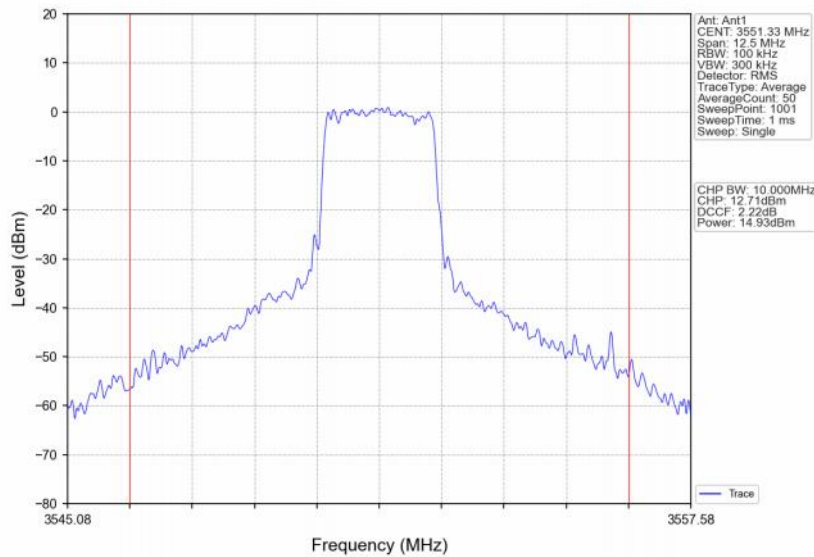
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Band48_5MHz_64QAM_LCH_3552.5MHz_RB_1_24_NTNV



Band48_5MHz_64QAM_LCH_3552.5MHz_RB_12_0_NTNV

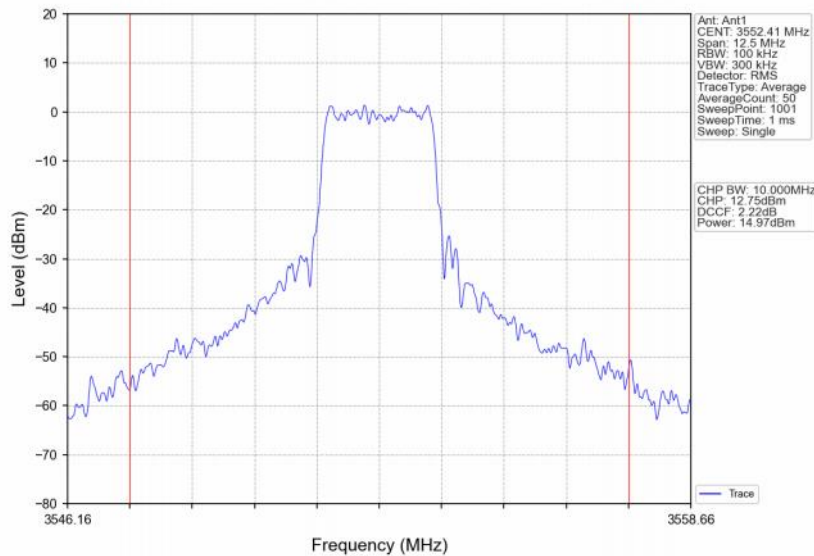


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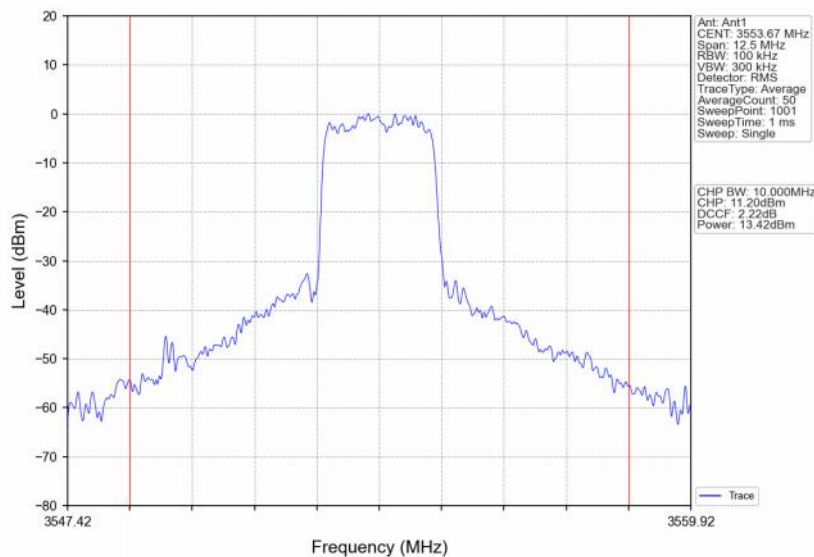
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Band48_5MHz_64QAM_LCH_3552.5MHz_RB_12_13_NTNV

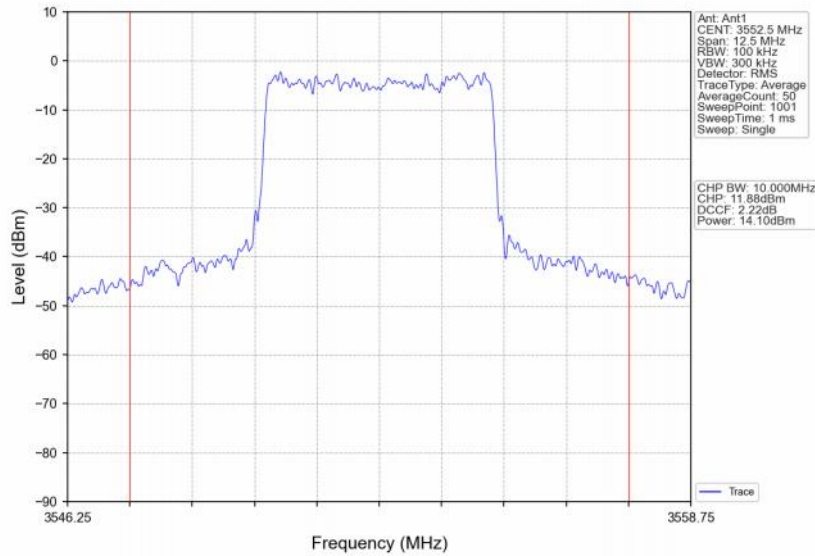


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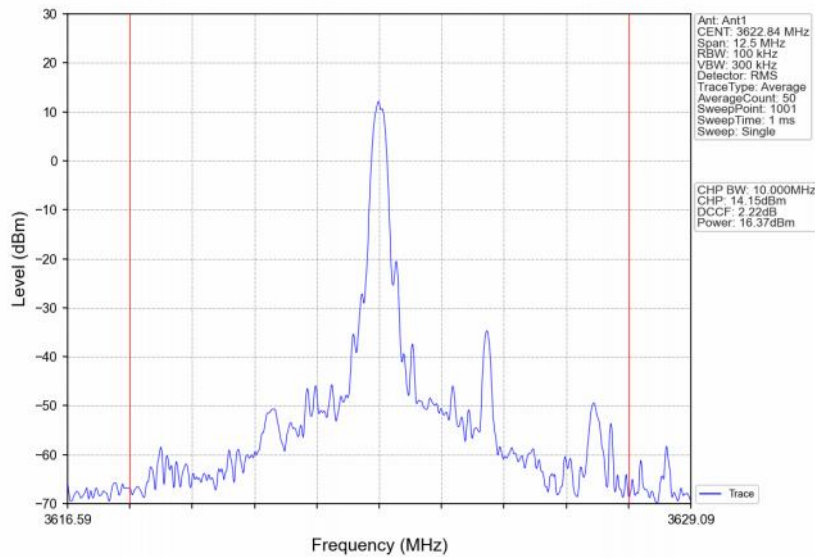
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Band48_5MHz_64QAM_LCH_3552.5MHz_RB_25_0_NTNV



Band48_5MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV

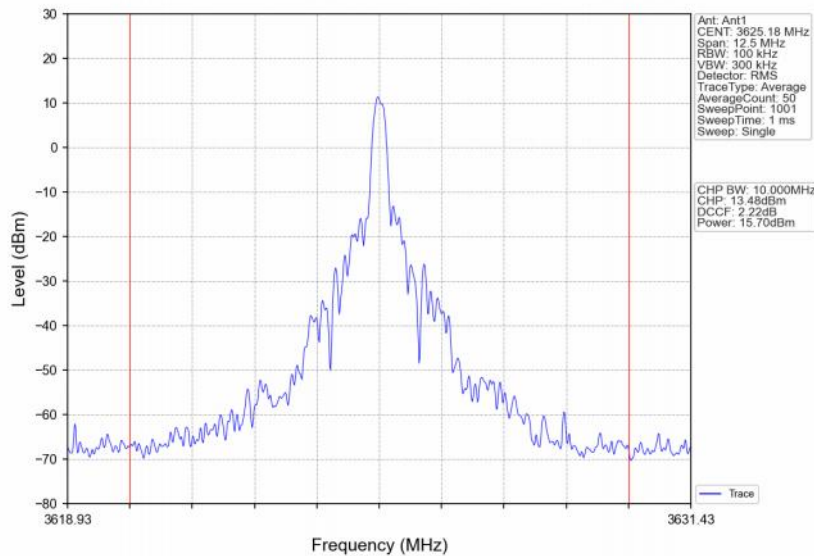


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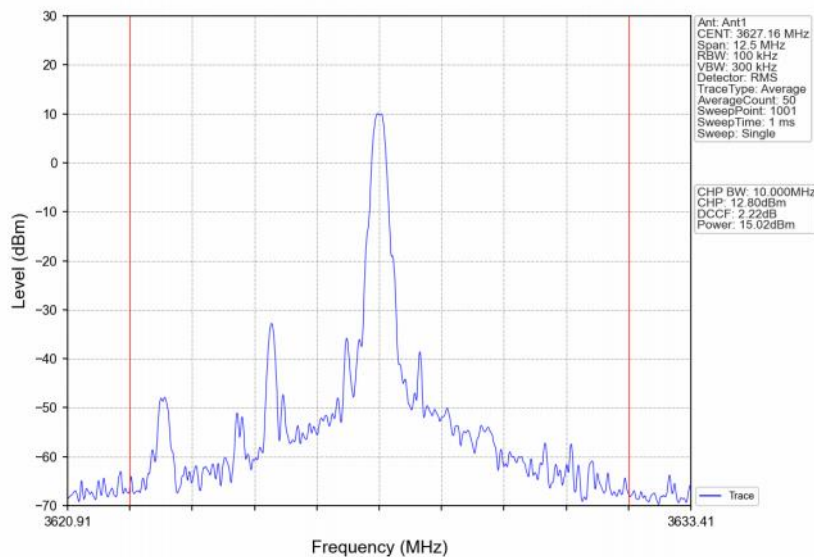
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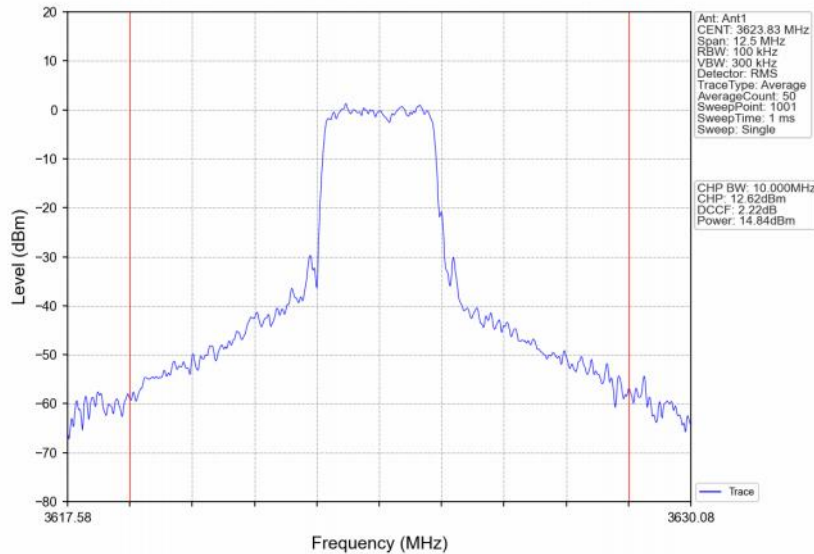


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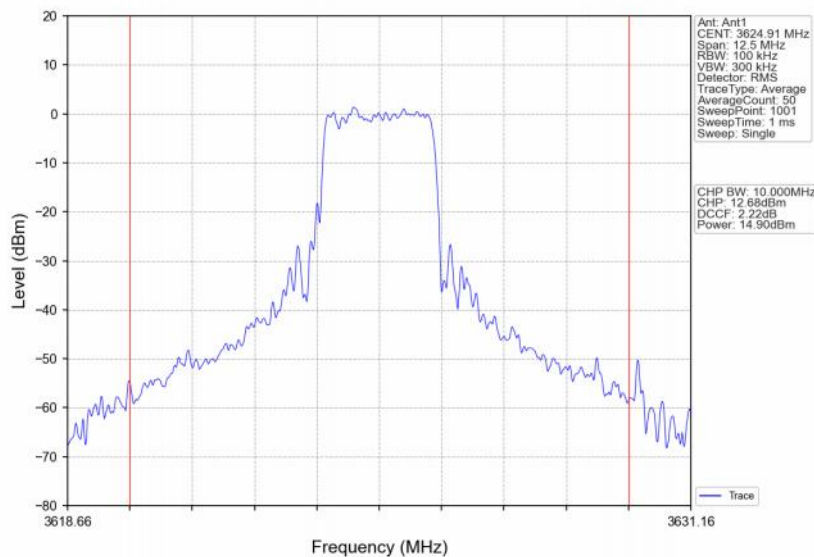
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Band48_5MHz_64QAM_MCH_3625MHz_RB_12_0_NTNV



Band48_5MHz_64QAM_MCH_3625MHz_RB_12_6_NTNV

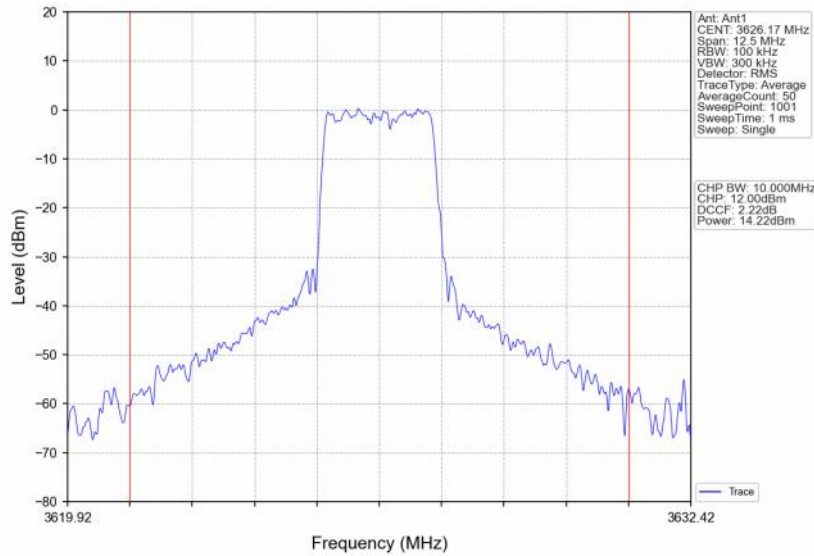


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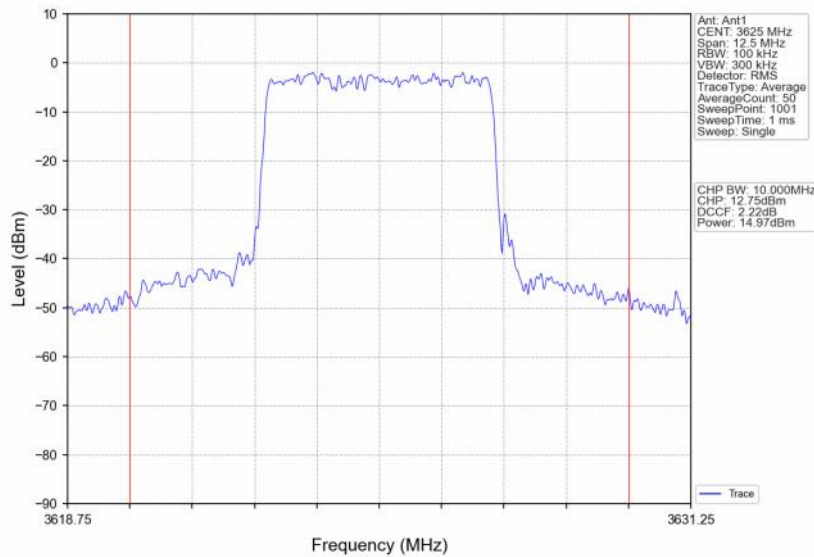
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Band48_5MHz_64QAM_MCH_3625MHz_RB_12_13_NTNV



Band48_5MHz_64QAM_MCH_3625MHz_RB_25_0_NTNV

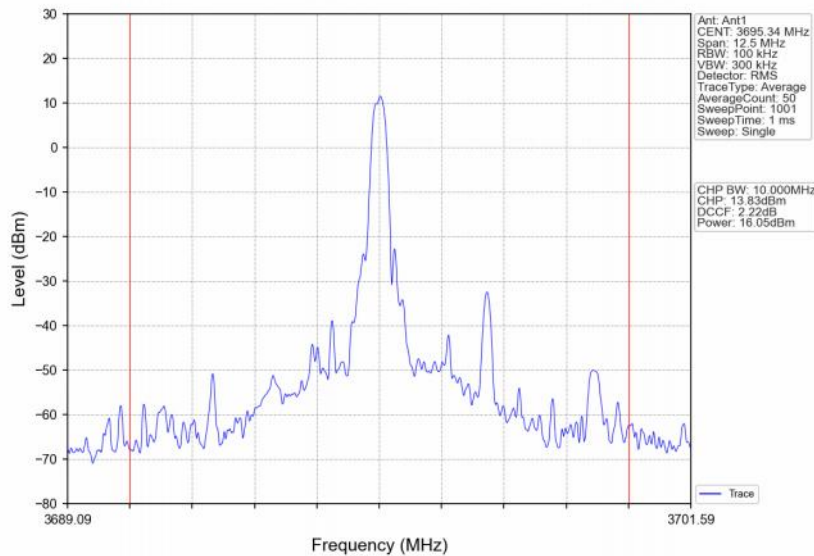


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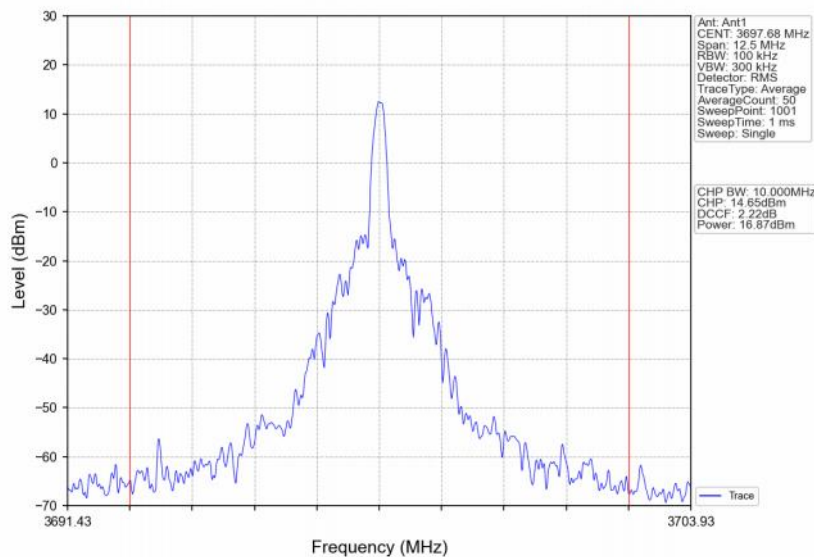
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Band48_5MHz_64QAM_HCH_3697.5MHz_RB_1_0_NTNV



Band48_5MHz_64QAM_HCH_3697.5MHz_RB_1_13_NTNV

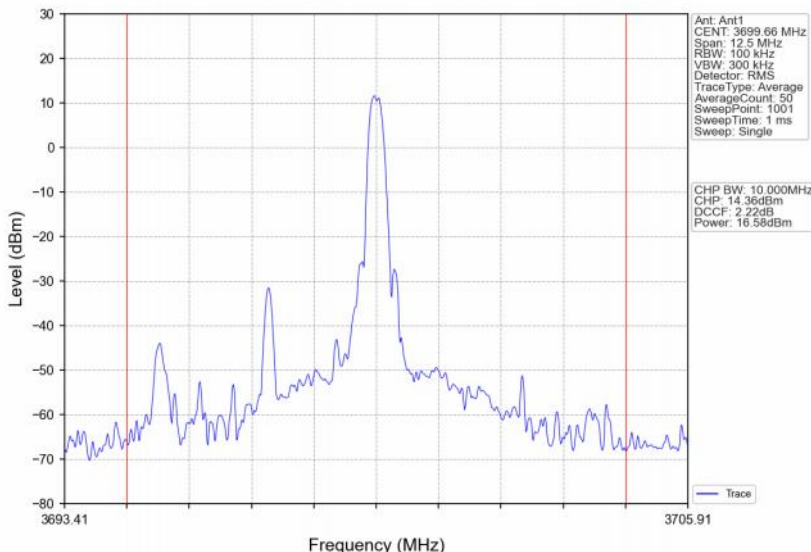


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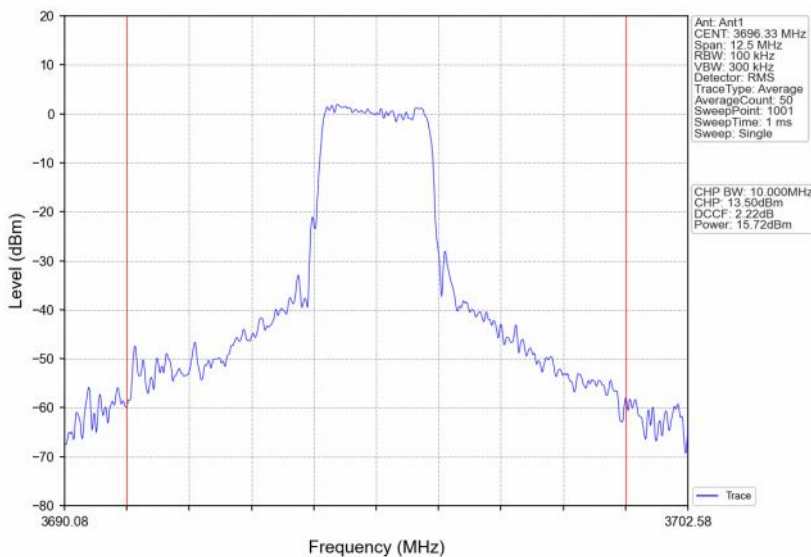
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Band48_5MHz_64QAM_HCH_3697.5MHz_RB_12_0_NTNV

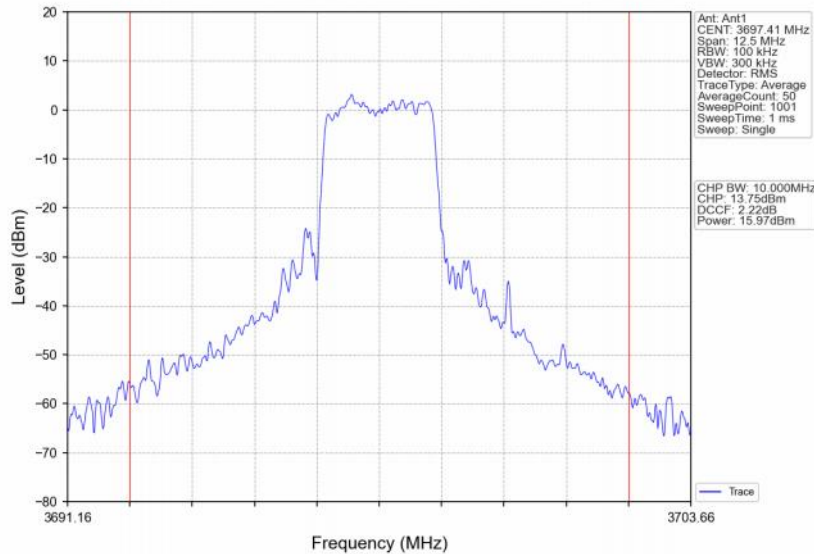


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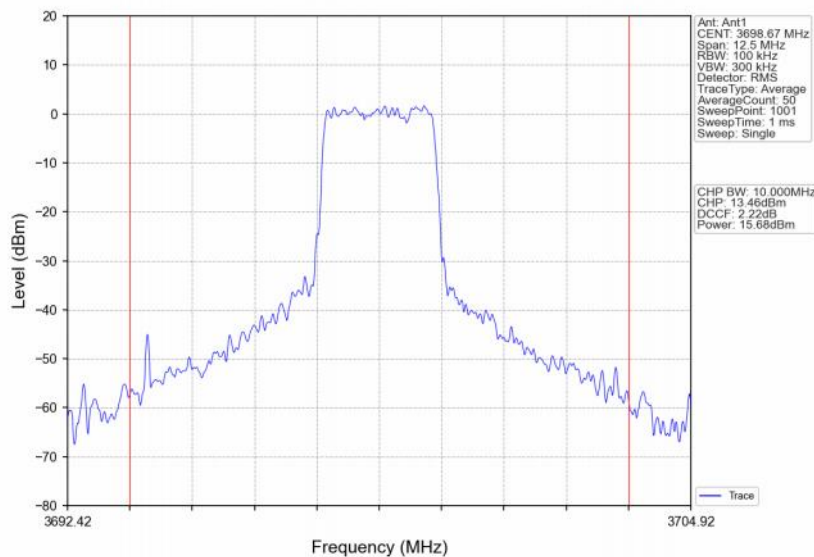
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Band48_5MHz_64QAM_HCH_3697.5MHz_RB_12_6_NTNV



Band48_5MHz_64QAM_HCH_3697.5MHz_RB_12_13_NTNV

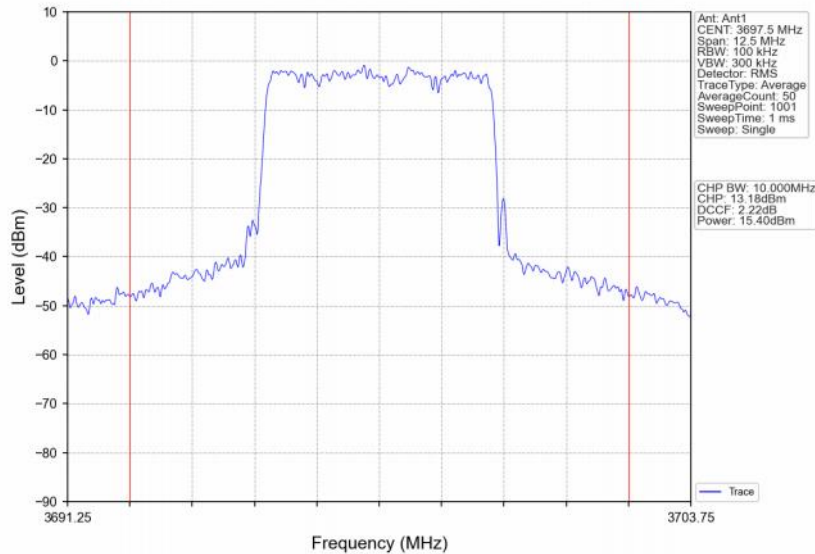


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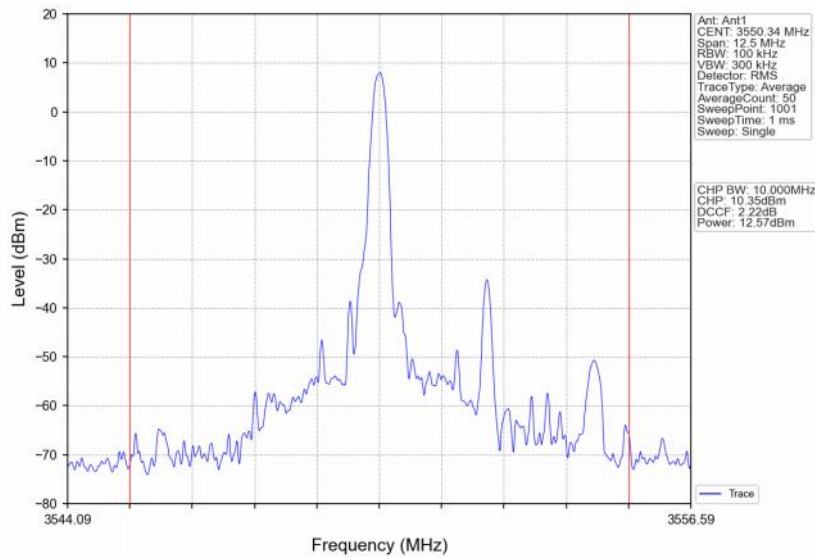
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Band48_5MHz_64QAM_HCH_3697.5MHz_RB_25_0_NTNV



Band48_5MHz_256QAM_LCH_3552.5MHz_RB_1_0_NTNV

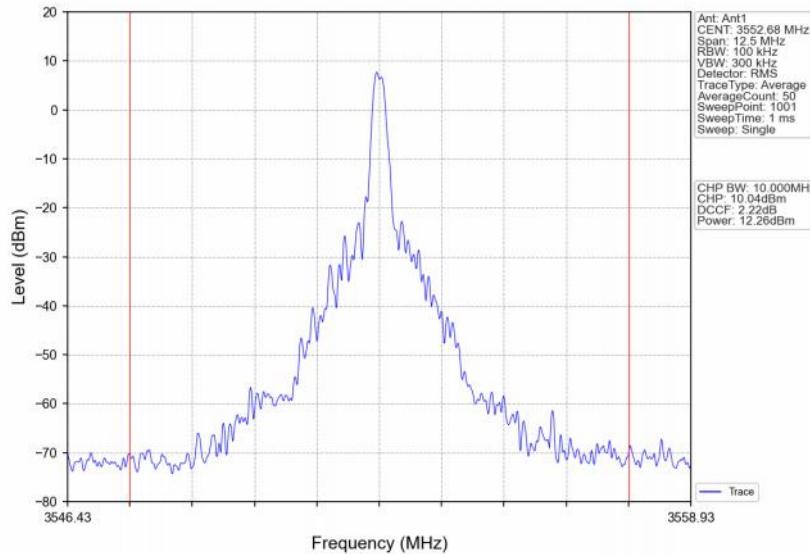


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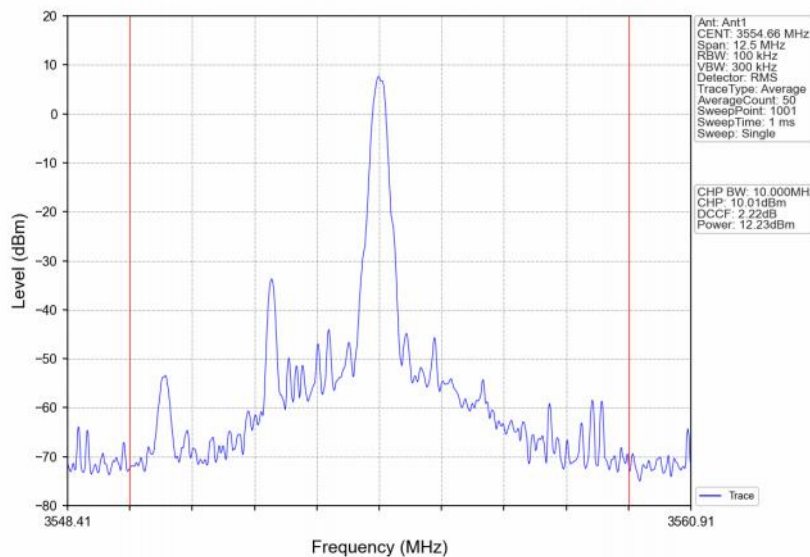
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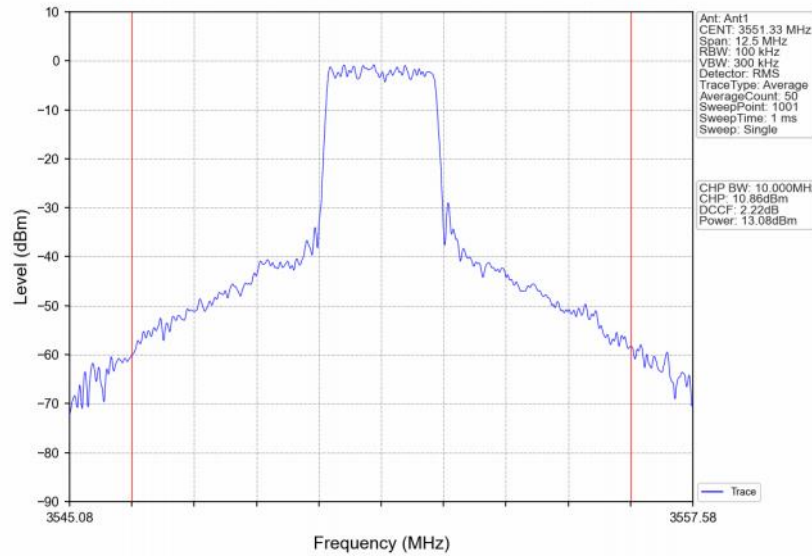


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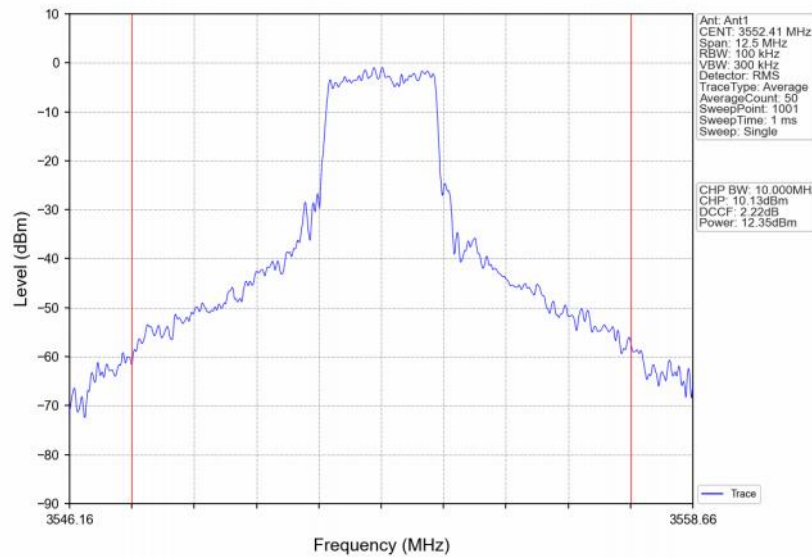
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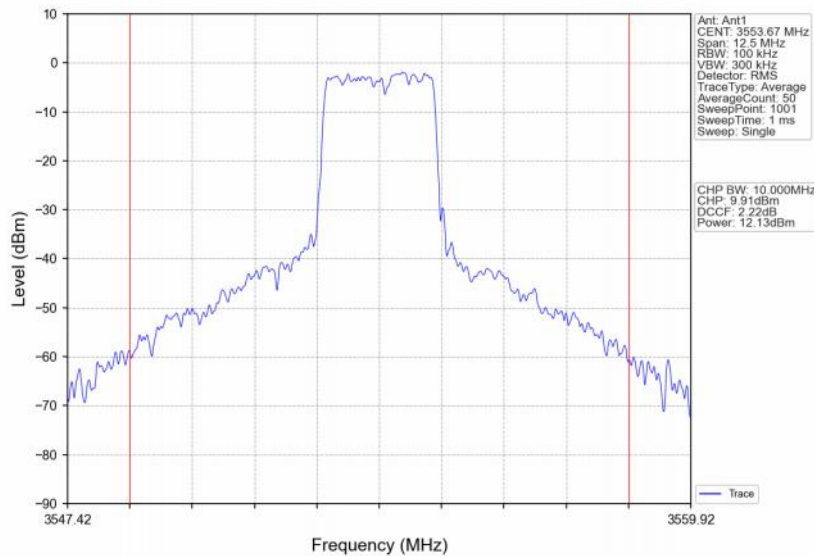


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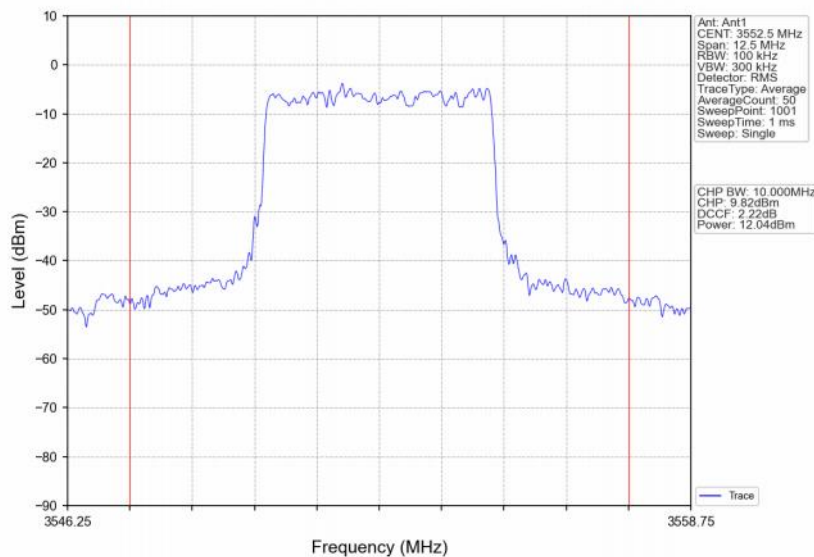
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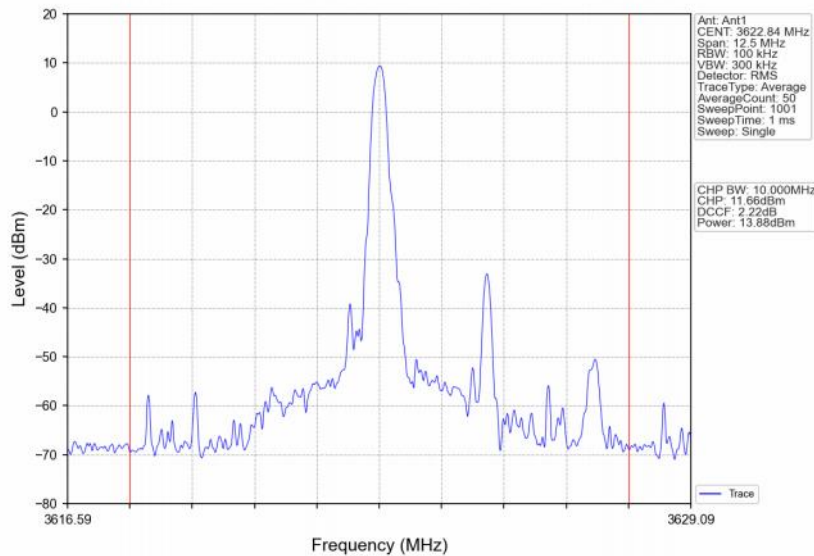


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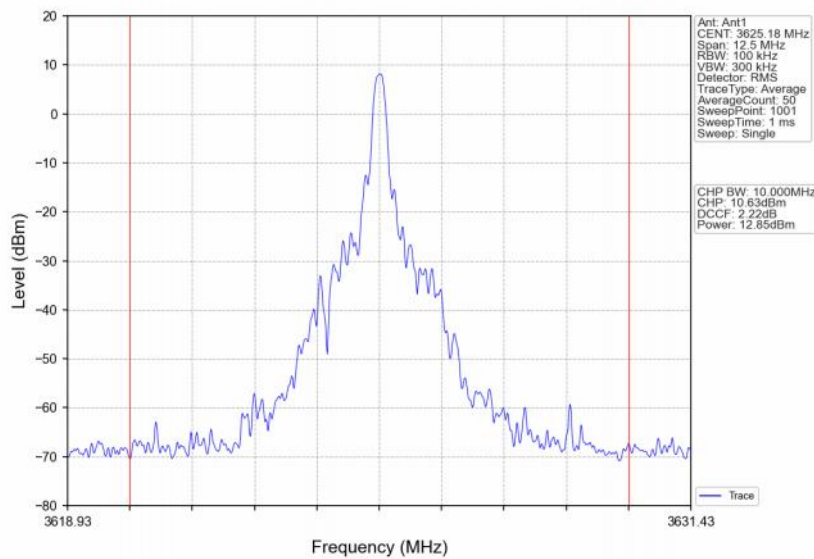
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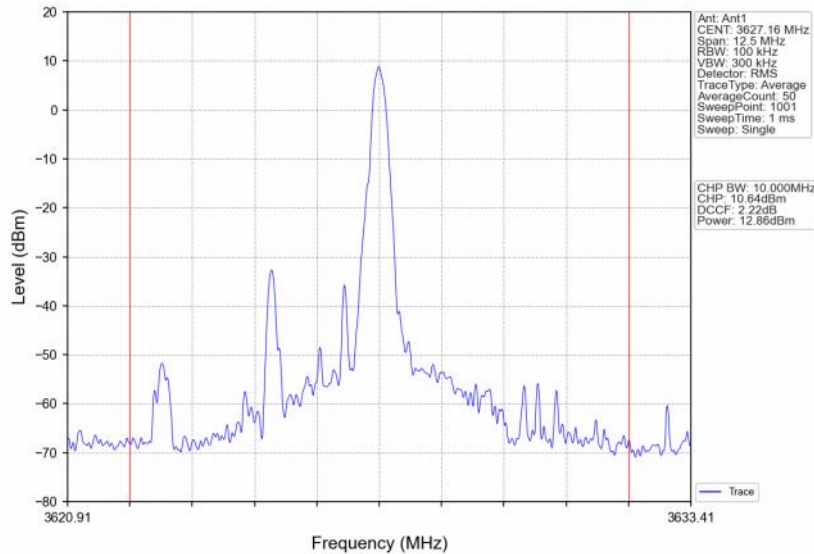


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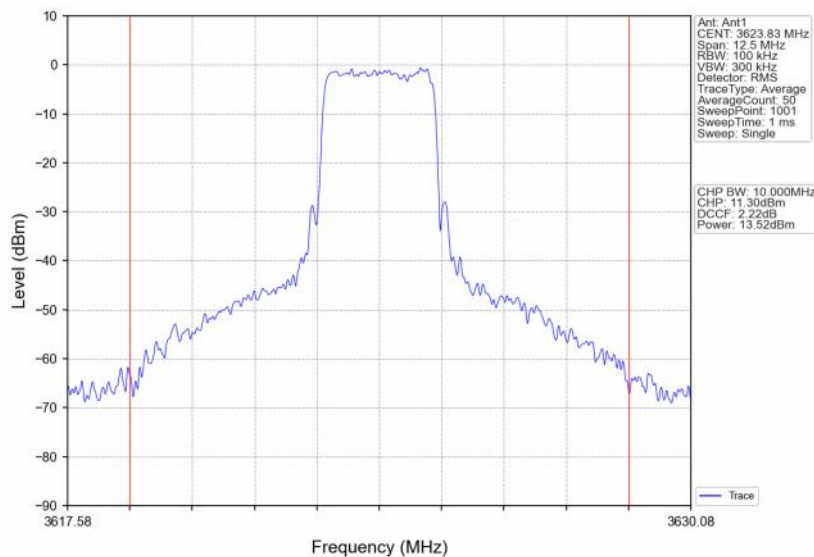
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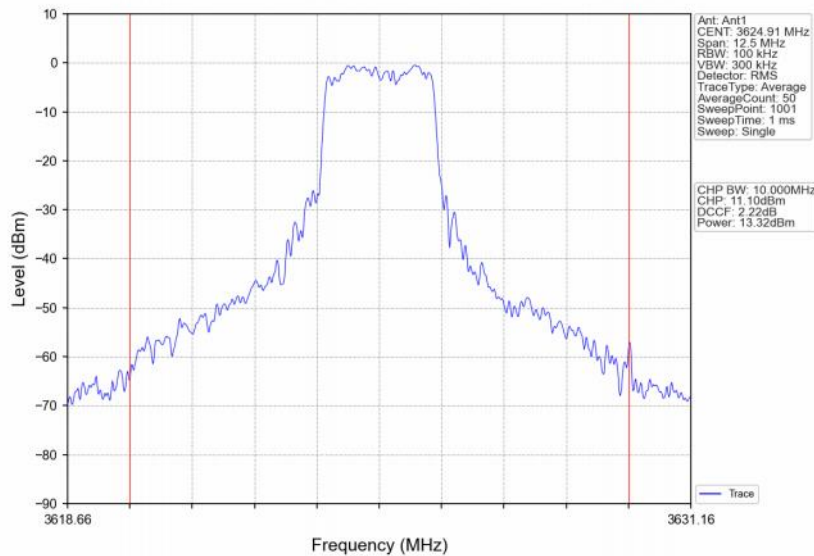


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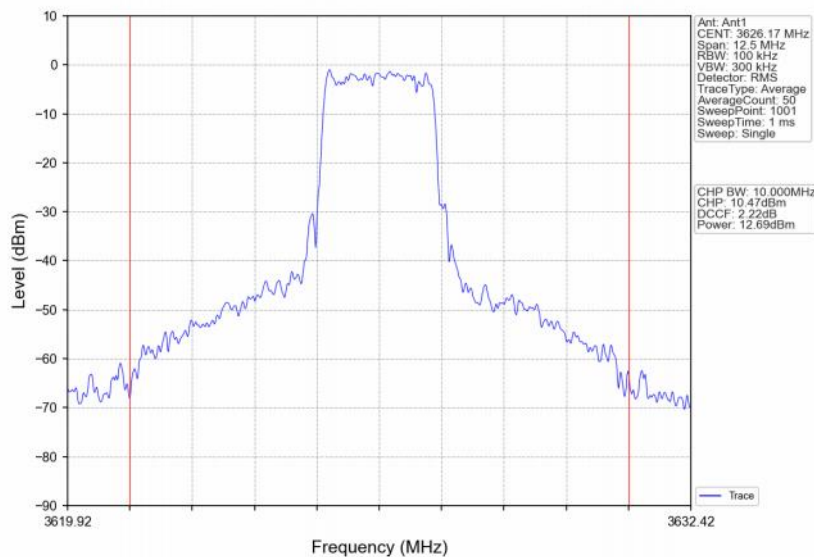
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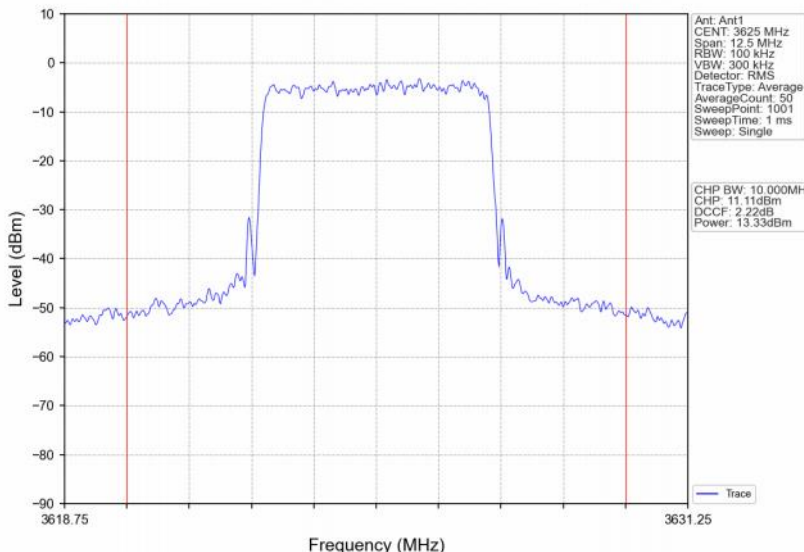


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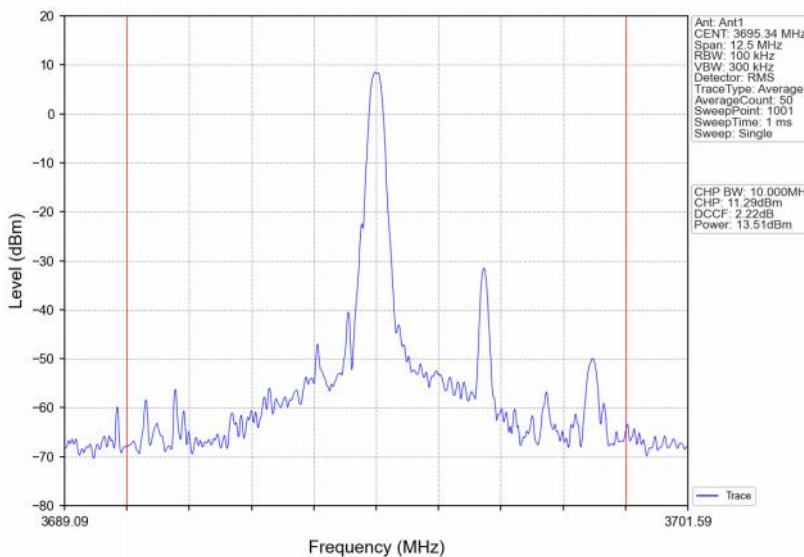
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Band48_5MHz_256QAM_HCH_3697.5MHz_RB_1_0_NTNV

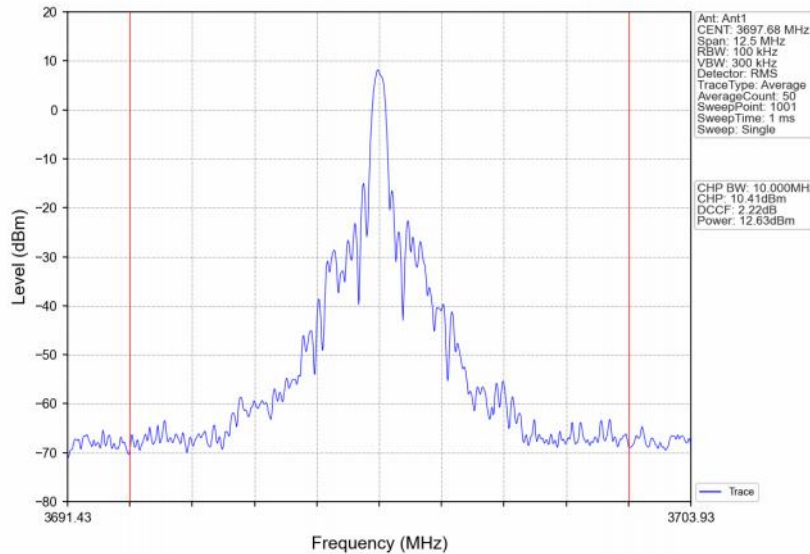


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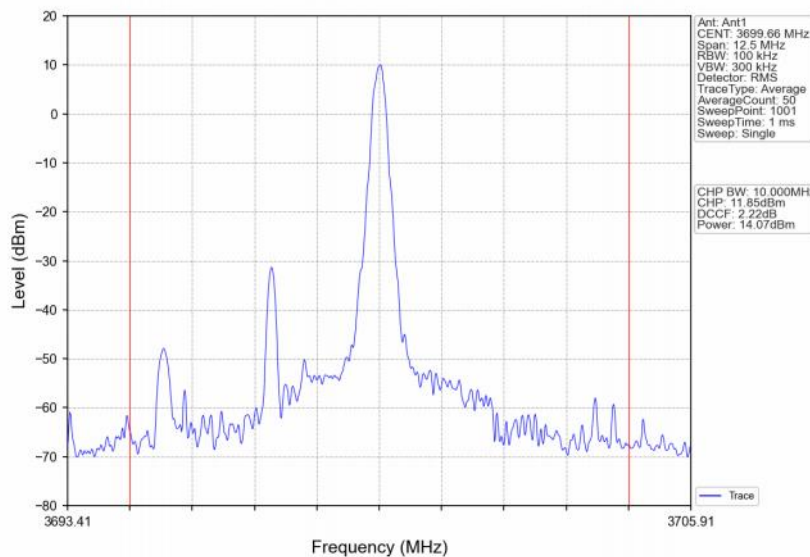
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Band48_5MHz_256QAM_HCH_3697.5MHz_RB_1_13_NTNV



Band48_5MHz_256QAM_HCH_3697.5MHz_RB_1_24_NTNV

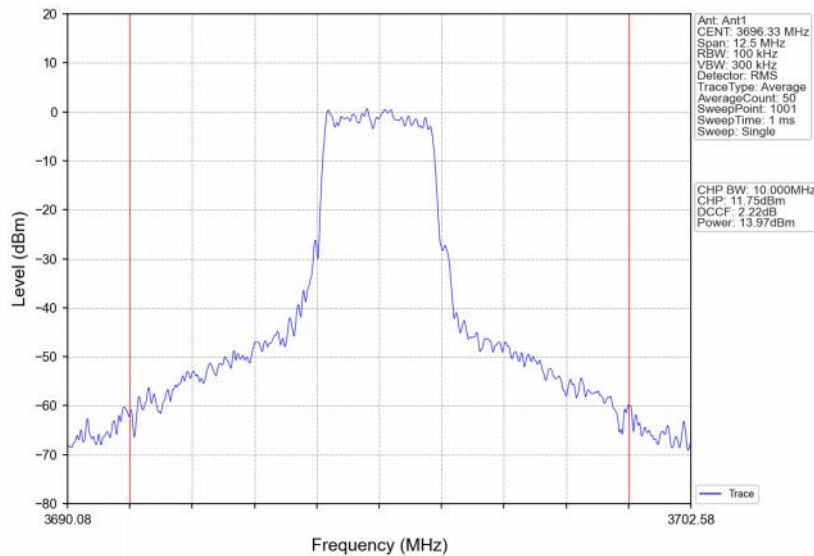


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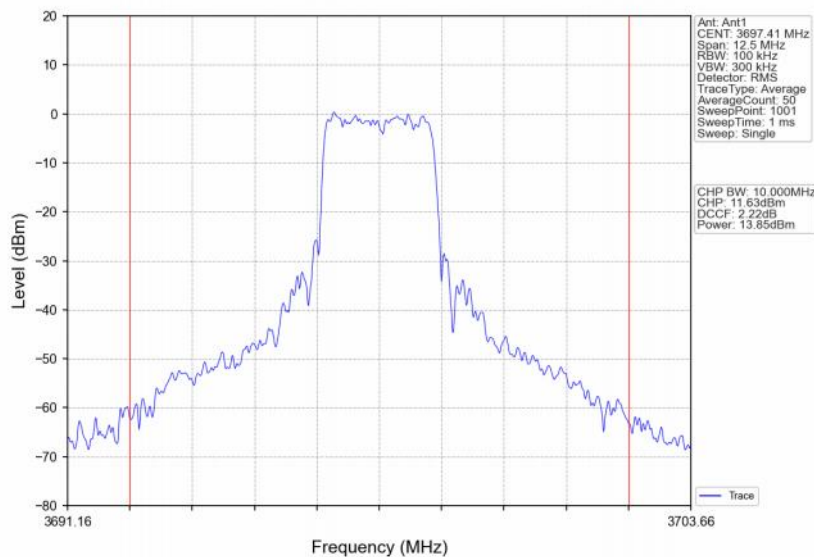
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Band48_5MHz_256QAM_HCH_3697.5MHz_RB_12_0_NTNV



Band48_5MHz_256QAM_HCH_3697.5MHz_RB_12_6_NTNV

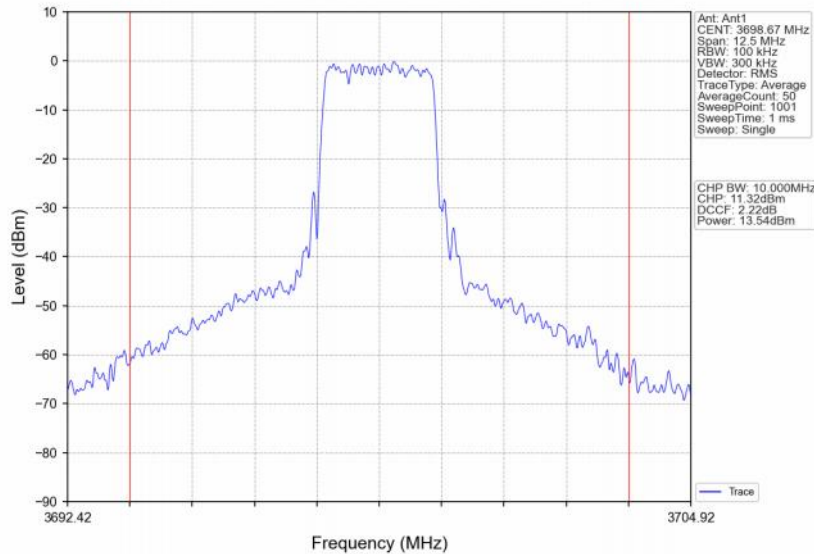


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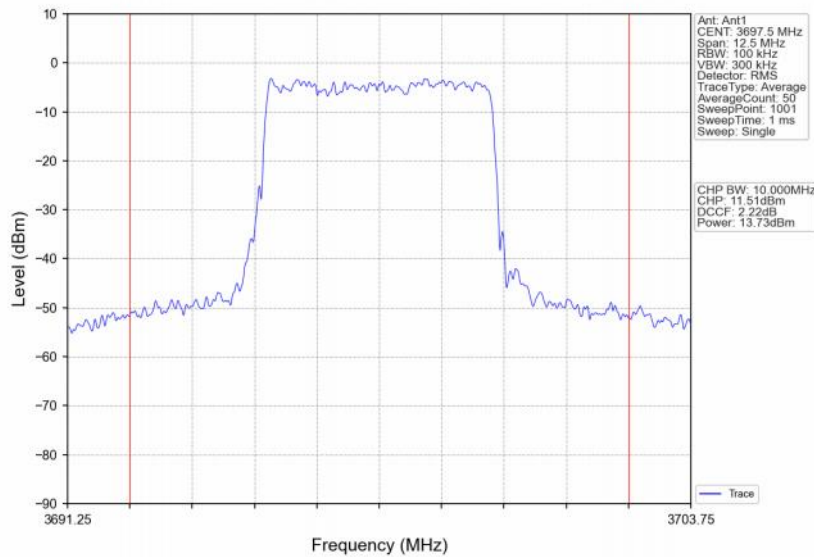
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Band48_5MHz_256QAM_HCH_3697.5MHz_RB_12_13_NTNV



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	17.99	3.10	21.09	<=23	Pass		
			25	17.20	3.10	20.30	<=23	Pass		
			49	17.02	3.10	20.12	<=23	Pass		
		25	0	16.17	3.10	19.27	<=23	Pass		
			13	16.95	3.10	20.05	<=23	Pass		
			25	16.48	3.10	19.58	<=23	Pass		
		50	0	16.77	3.10	19.87	<=23	Pass		
		3625	1	0	19.15	3.10	22.25	<=23	Pass	
				25	18.25	3.10	21.35	<=23	Pass	
	49			18.19	3.10	21.29	<=23	Pass		
	25		0	18.25	3.10	21.35	<=23	Pass		
			13	17.85	3.10	20.95	<=23	Pass		
			25	18.14	3.10	21.24	<=23	Pass		
	50		0	18.03	3.10	21.13	<=23	Pass		
	3695		1	0	19.54	3.10	22.64	<=23	Pass	
				25	19.76	3.10	22.86	<=23	Pass	
		49		19.83	3.10	22.93	<=23	Pass		
		25	0	18.92	3.10	22.02	<=23	Pass		
			13	18.77	3.10	21.87	<=23	Pass		
			25	18.89	3.10	21.99	<=23	Pass		
		50	0	19.09	3.10	22.19	<=23	Pass		
		16QAM	3555	1	0	16.29	3.10	19.39	<=23	Pass
					25	16.33	3.10	19.43	<=23	Pass
	49				16.64	3.10	19.74	<=23	Pass	
25	0			15.64	3.10	18.74	<=23	Pass		
	13			16.08	3.10	19.18	<=23	Pass		
	25			15.69	3.10	18.79	<=23	Pass		
50	0			15.32	3.10	18.42	<=23	Pass		
3625	1			0	17.87	3.10	20.97	<=23	Pass	
				25	18.27	3.10	21.37	<=23	Pass	
			49	17.07	3.10	20.17	<=23	Pass		
	25		0	16.42	3.10	19.52	<=23	Pass		
			13	16.95	3.10	20.05	<=23	Pass		
			25	17.08	3.10	20.18	<=23	Pass		
	50		0	16.15	3.10	19.25	<=23	Pass		
	3695		1	0	18.98	3.10	22.08	<=23	Pass	
				25	18.74	3.10	21.84	<=23	Pass	
49				18.81	3.10	21.91	<=23	Pass		
25			0	17.41	3.10	20.51	<=23	Pass		
			13	17.63	3.10	20.73	<=23	Pass		
			25	17.94	3.10	21.04	<=23	Pass		
50			0	17.70	3.10	20.80	<=23	Pass		
64QAM			3555	1	0	15.27	3.10	18.37	<=23	Pass
					25	15.63	3.10	18.73	<=23	Pass
	49				15.29	3.10	18.39	<=23	Pass	
	25	0		14.36	3.10	17.46	<=23	Pass		



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256QAM	3625	50	13	14.05	3.10	17.15	<=23	Pass	
			25	14.78	3.10	17.88	<=23	Pass	
			0	13.90	3.10	17.00	<=23	Pass	
		1	25	0	16.73	3.10	19.83	<=23	Pass
				25	17.47	3.10	20.57	<=23	Pass
				49	16.69	3.10	19.79	<=23	Pass
			50	0	15.67	3.10	18.77	<=23	Pass
				13	16.00	3.10	19.10	<=23	Pass
				25	16.04	3.10	19.14	<=23	Pass
	3695	1	0	15.26	3.10	18.36	<=23	Pass	
			0	17.83	3.10	20.93	<=23	Pass	
			25	17.73	3.10	20.83	<=23	Pass	
		25	49	18.13	3.10	21.23	<=23	Pass	
			0	16.44	3.10	19.54	<=23	Pass	
			13	16.98	3.10	20.08	<=23	Pass	
			25	16.78	3.10	19.88	<=23	Pass	
			0	16.31	3.10	19.41	<=23	Pass	
			0	12.89	3.10	15.99	<=23	Pass	
	3555	1	25	12.05	3.10	15.15	<=23	Pass	
			49	12.66	3.10	15.76	<=23	Pass	
			0	12.74	3.10	15.84	<=23	Pass	
		25	13	12.33	3.10	15.43	<=23	Pass	
			25	12.44	3.10	15.54	<=23	Pass	
			0	12.59	3.10	15.69	<=23	Pass	
		3625	1	0	14.29	3.10	17.39	<=23	Pass
				25	13.18	3.10	16.28	<=23	Pass
				49	13.56	3.10	16.66	<=23	Pass
	25		0	13.56	3.10	16.66	<=23	Pass	
			13	13.68	3.10	16.78	<=23	Pass	
			25	14.22	3.10	17.32	<=23	Pass	
50	0		13.91	3.10	17.01	<=23	Pass		
3695	1		0	15.37	3.10	18.47	<=23	Pass	
			25	14.37	3.10	17.47	<=23	Pass	
		49	15.17	3.10	18.27	<=23	Pass		
	25	0	14.40	3.10	17.50	<=23	Pass		
		13	14.42	3.10	17.52	<=23	Pass		
		25	14.51	3.10	17.61	<=23	Pass		
	50	0	14.54	3.10	17.64	<=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	17.65	3.10	20.75	<=23	Pass	
			25	17.32	3.10	20.42	<=23	Pass	
			49	17.12	3.10	20.22	<=23	Pass	
		25	0	16.35	3.10	19.45	<=23	Pass	
			13	16.88	3.10	19.98	<=23	Pass	
			25	16.35	3.10	19.45	<=23	Pass	
	50	0	19.03	3.10	22.13	<=23	Pass		
	3625	1	0	19.16	3.10	22.26	<=23	Pass	
			25	18.36	3.10	21.46	<=23	Pass	
			49	18.32	3.10	21.42	<=23	Pass	
		25	0	18.36	3.10	21.46	<=23	Pass	
			13	18.03	3.10	21.13	<=23	Pass	
			25	18.52	3.10	21.62	<=23	Pass	
	50	0	19.87	3.10	22.97	<=23	Pass		
	3695	1	0	19.45	3.10	22.55	<=23	Pass	
			25	19.65	3.10	22.75	<=23	Pass	
			49	19.81	3.10	22.91	<=23	Pass	
		25	0	18.99	3.10	22.09	<=23	Pass	
			13	18.84	3.10	21.94	<=23	Pass	
			25	18.81	3.10	21.91	<=23	Pass	
	50	0	19.35	3.10	22.45	<=23	Pass		
	16QAM	3555	1	0	16.38	3.10	19.48	<=23	Pass
				25	16.42	3.10	19.52	<=23	Pass
				49	16.71	3.10	19.81	<=23	Pass
25			0	15.44	3.10	18.54	<=23	Pass	
			13	16.32	3.10	19.42	<=23	Pass	
			25	15.64	3.10	18.74	<=23	Pass	
50		0	18.52	3.10	21.62	<=23	Pass		
3625		1	0	17.82	3.10	20.92	<=23	Pass	
			25	18.32	3.10	21.42	<=23	Pass	
			49	17.22	3.10	20.32	<=23	Pass	
		25	0	16.51	3.10	19.61	<=23	Pass	
			13	16.84	3.10	19.94	<=23	Pass	
			25	17.11	3.10	20.21	<=23	Pass	
50		0	18.82	3.10	21.92	<=23	Pass		
3695		1	0	18.91	3.10	22.01	<=23	Pass	
			25	18.22	3.10	21.32	<=23	Pass	
			49	18.45	3.10	21.55	<=23	Pass	
		25	0	17.32	3.10	20.42	<=23	Pass	
			13	17.54	3.10	20.64	<=23	Pass	
			25	17.88	3.10	20.98	<=23	Pass	
50		0	19.85	3.10	22.95	<=23	Pass		
64QAM		3555	1	0	15.32	3.10	18.42	<=23	Pass
				25	15.44	3.10	18.54	<=23	Pass
				49	15.37	3.10	18.47	<=23	Pass
	25		0	15.22	3.10	18.32	<=23	Pass	
			13	14.12	3.10	17.22	<=23	Pass	
			25	14.62	3.10	17.72	<=23	Pass	
50	0	17.21	3.10	20.31	<=23	Pass			



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	3625	1	0	16.77	3.10	19.87	<=23	Pass		
			25	17.51	3.10	20.61	<=23	Pass		
			49	16.72	3.10	19.82	<=23	Pass		
		25	0	15.36	3.10	18.46	<=23	Pass		
			13	16.19	3.10	19.29	<=23	Pass		
			25	16.35	3.10	19.45	<=23	Pass		
		50	0	18.05	3.10	21.15	<=23	Pass		
		3695	1	0	17.77	3.10	20.87	<=23	Pass	
				25	17.62	3.10	20.72	<=23	Pass	
	49			18.23	3.10	21.33	<=23	Pass		
	25		0	16.82	3.10	19.92	<=23	Pass		
			13	16.95	3.10	20.05	<=23	Pass		
			25	16.36	3.10	19.46	<=23	Pass		
	50		0	18.65	3.10	21.75	<=23	Pass		
	256QAM		3555	1	0	13.31	3.10	16.41	<=23	Pass
					25	12.02	3.10	15.12	<=23	Pass
		49			12.41	3.10	15.51	<=23	Pass	
		25		0	12.56	3.10	15.66	<=23	Pass	
13				12.65	3.10	15.75	<=23	Pass		
25				12.36	3.10	15.46	<=23	Pass		
50		0		15.21	3.10	18.31	<=23	Pass		
3625		1		0	13.31	3.10	16.41	<=23	Pass	
				25	13.25	3.10	16.35	<=23	Pass	
			49	13.62	3.10	16.72	<=23	Pass		
		25	0	13.54	3.10	16.64	<=23	Pass		
			13	13.51	3.10	16.61	<=23	Pass		
			25	14.25	3.10	17.35	<=23	Pass		
50		0	16.56	3.10	19.66	<=23	Pass			
3695		1	0	15.42	3.10	18.52	<=23	Pass		
			25	14.36	3.10	17.46	<=23	Pass		
			49	15.22	3.10	18.32	<=23	Pass		
		25	0	14.36	3.10	17.46	<=23	Pass		
	13		14.52	3.10	17.62	<=23	Pass			
	25		14.36	3.10	17.46	<=23	Pass			
	50	0	16.93	3.10	20.03	<=23	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

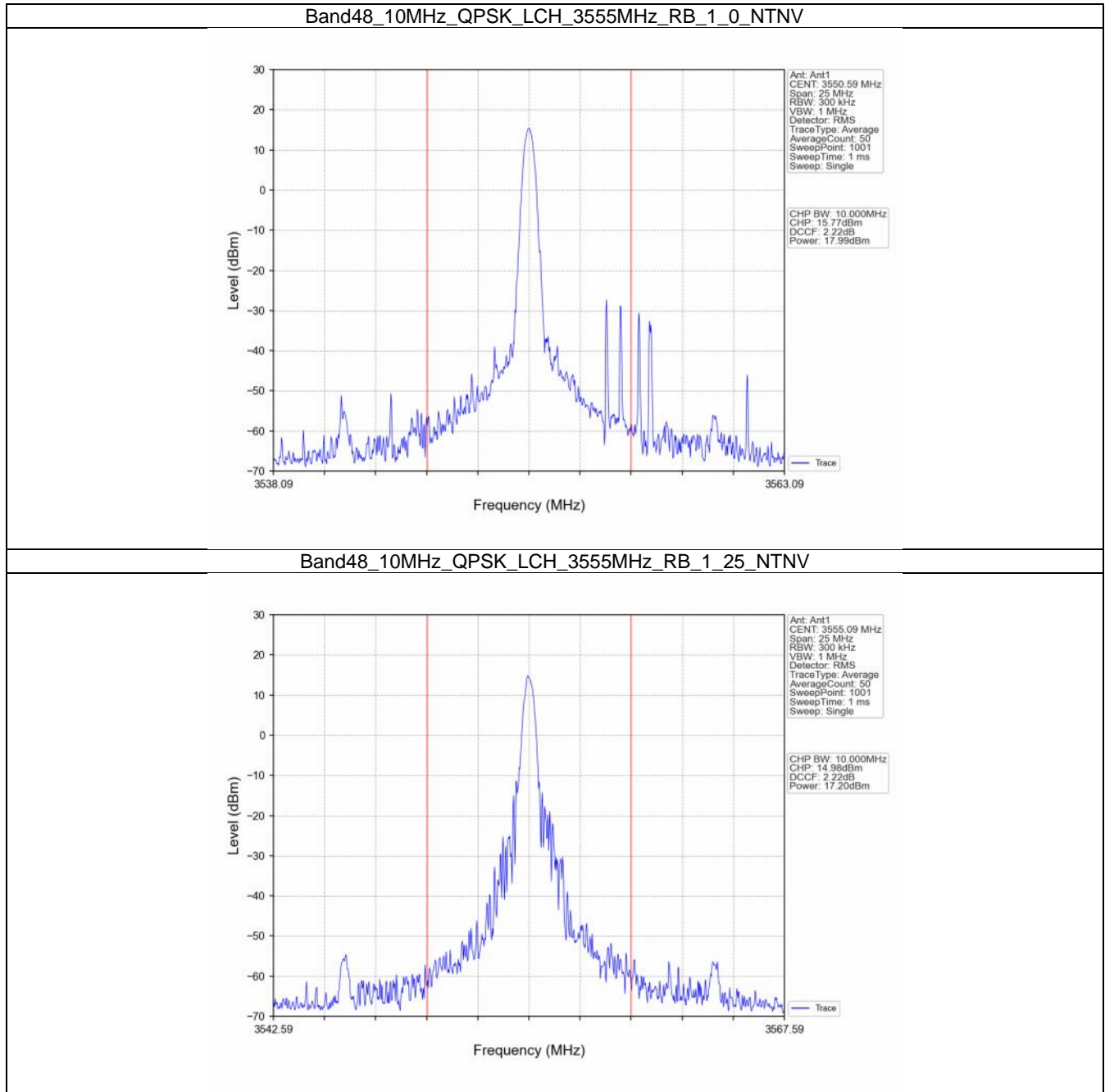


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2.2.2 Test Graph

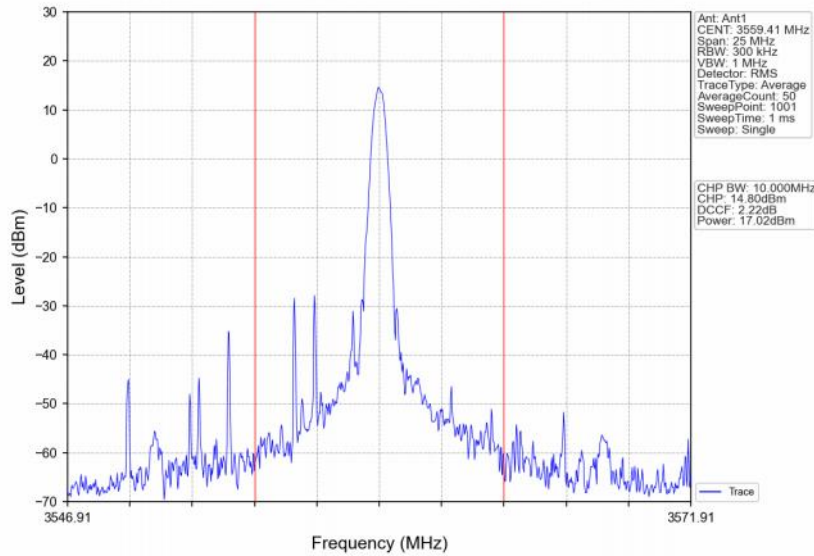


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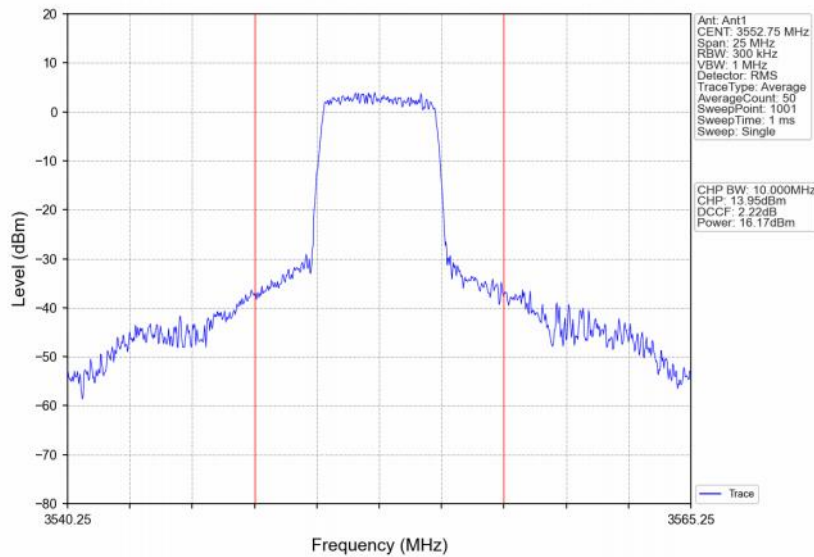
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Band48_10MHz_QPSK_LCH_3555MHz_RB_25_0_NTNV

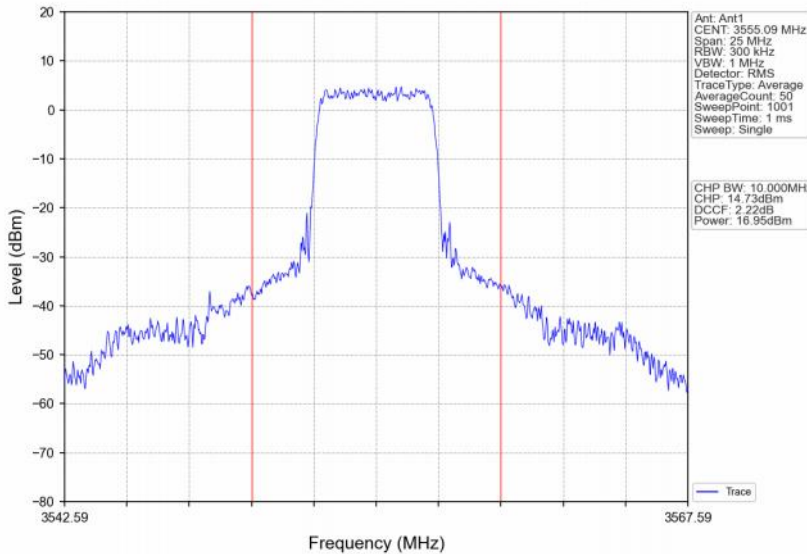


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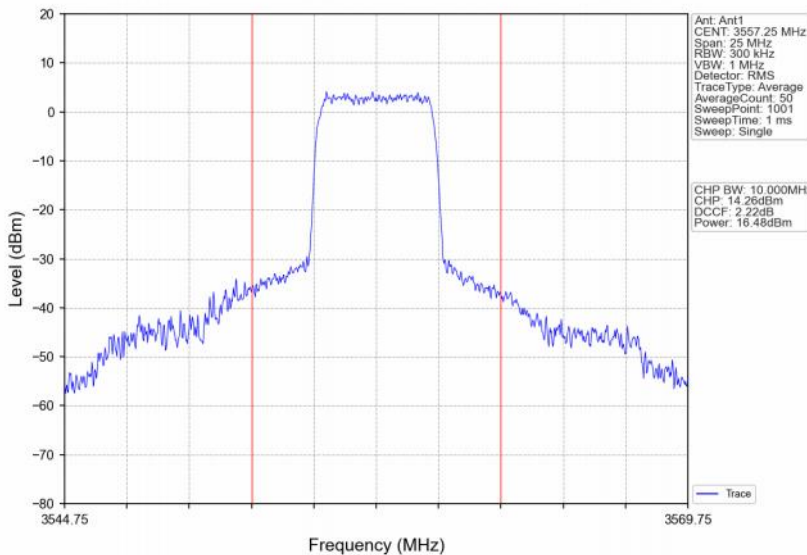
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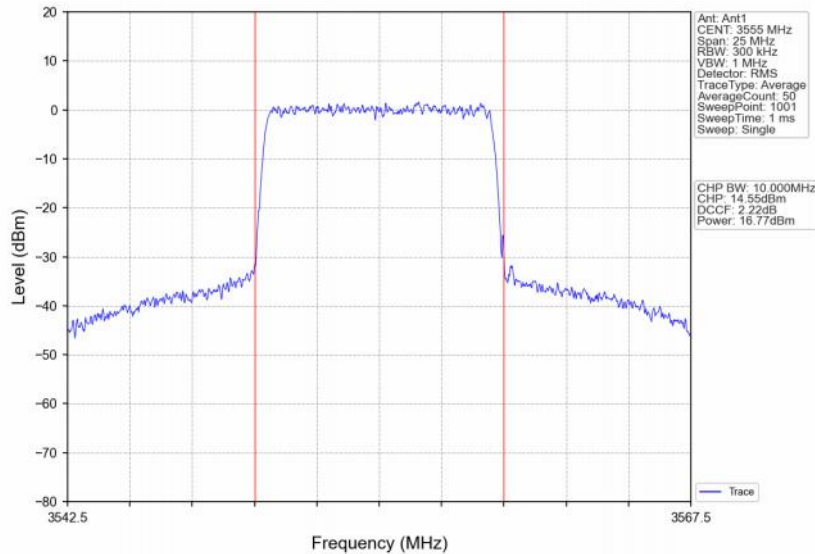


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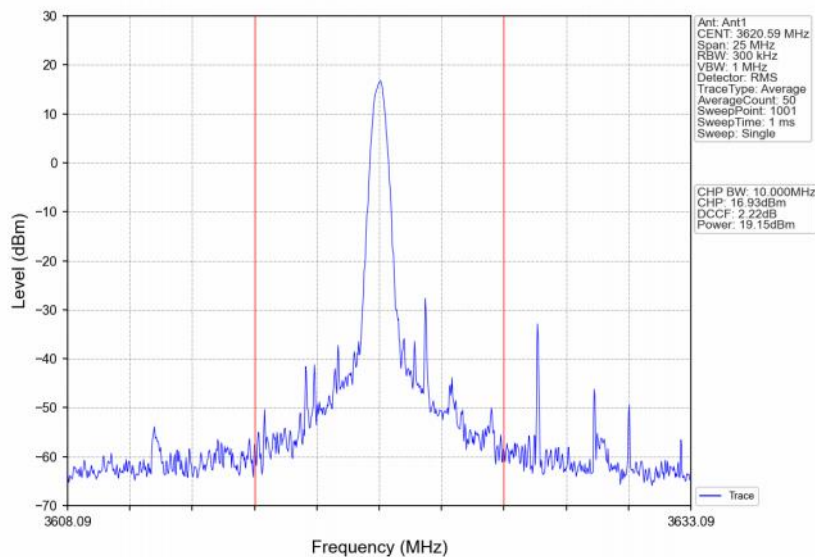
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Band48_10MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV

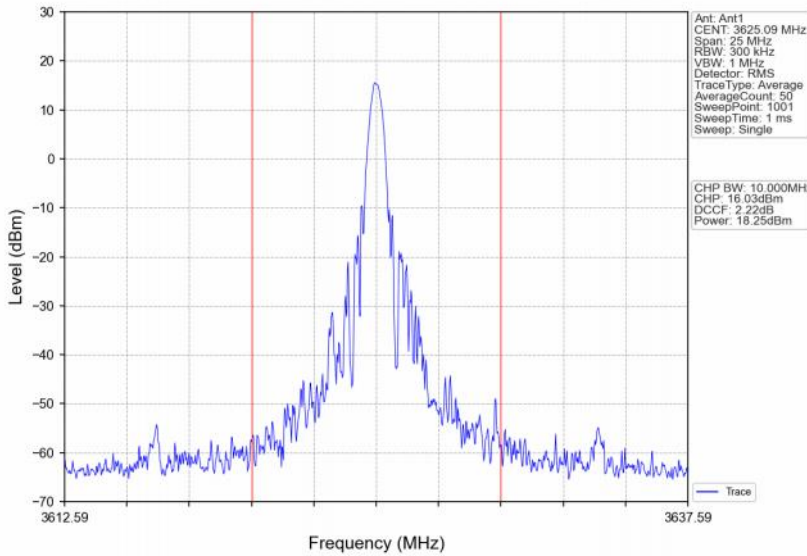


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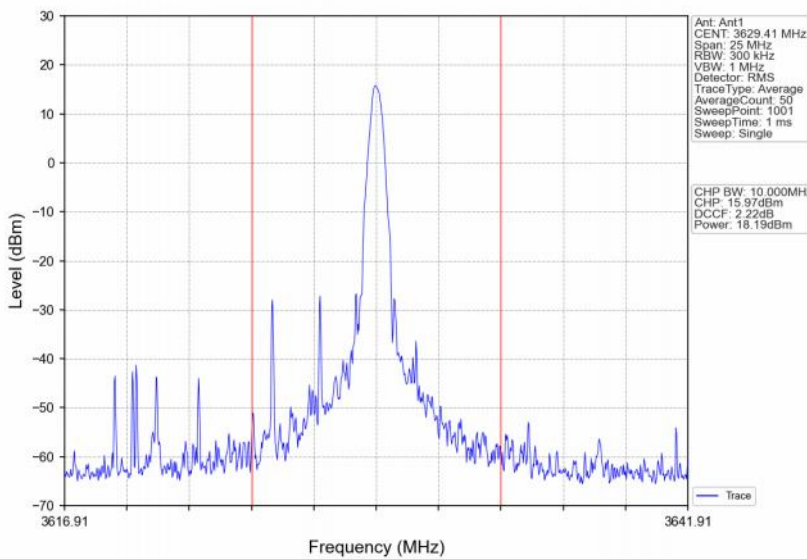
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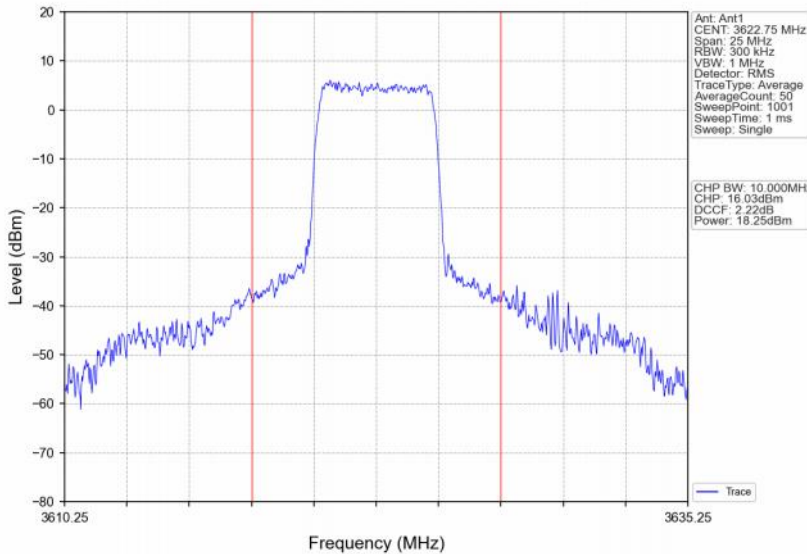


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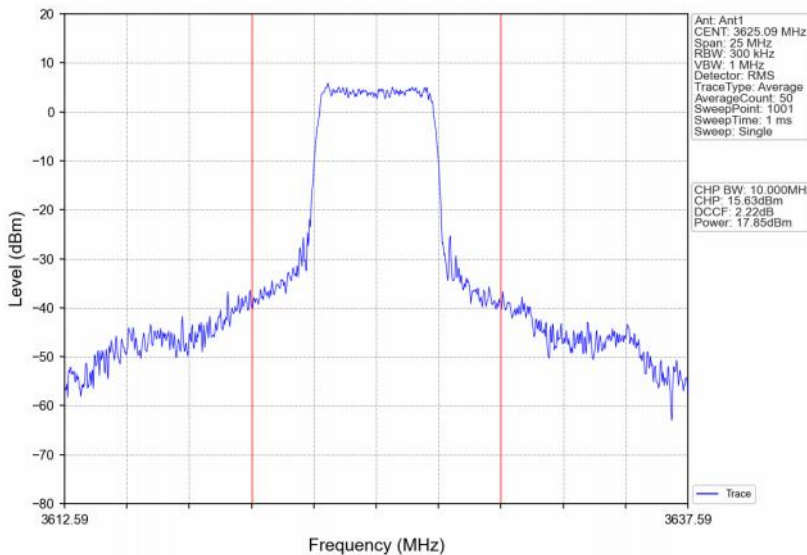
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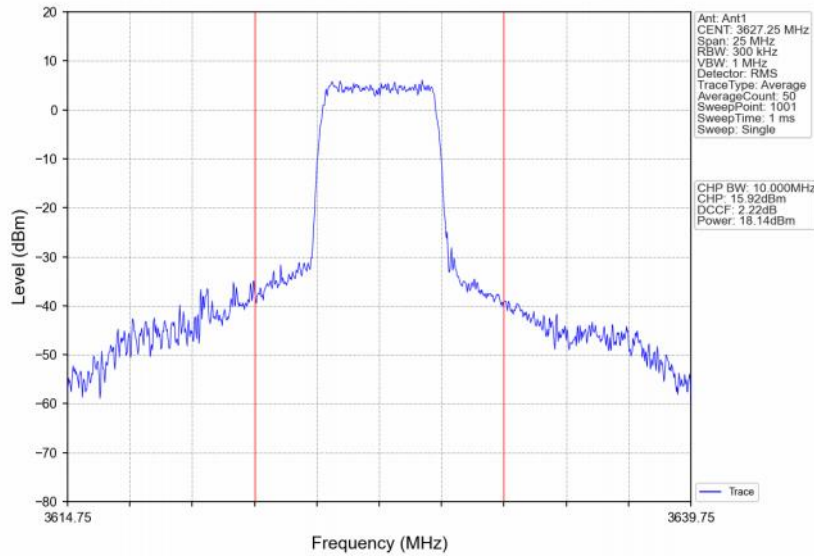


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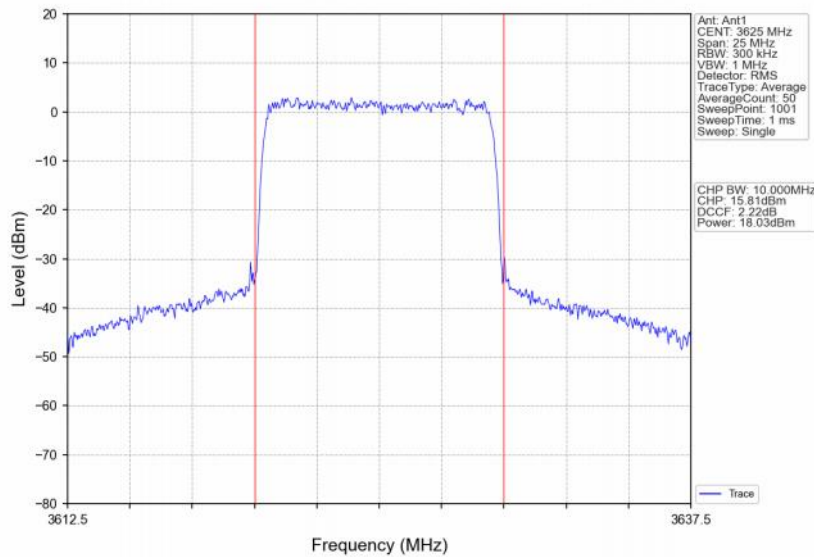
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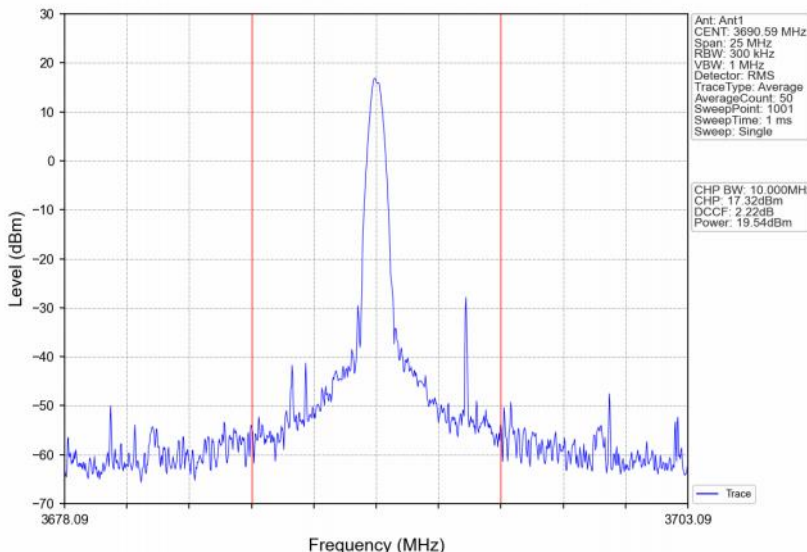


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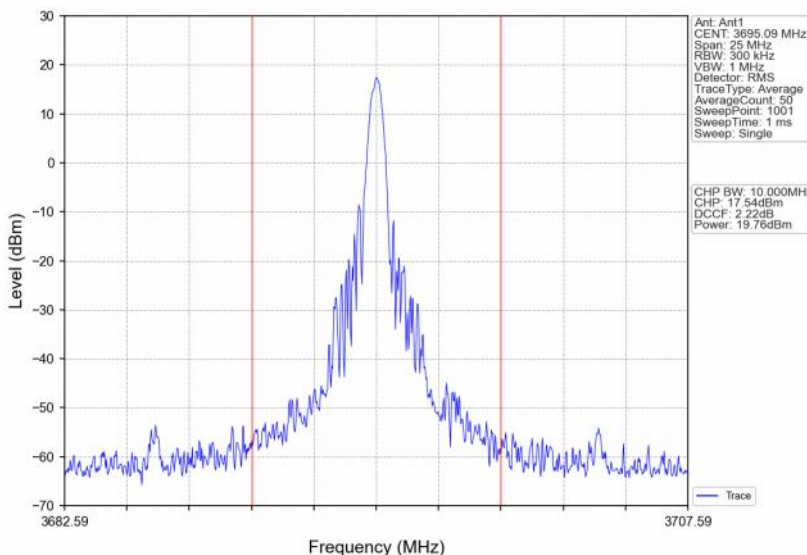
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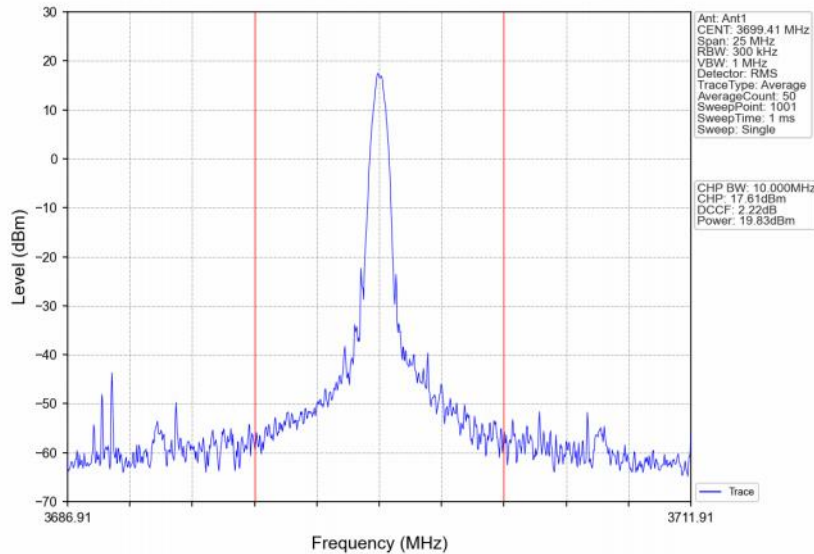


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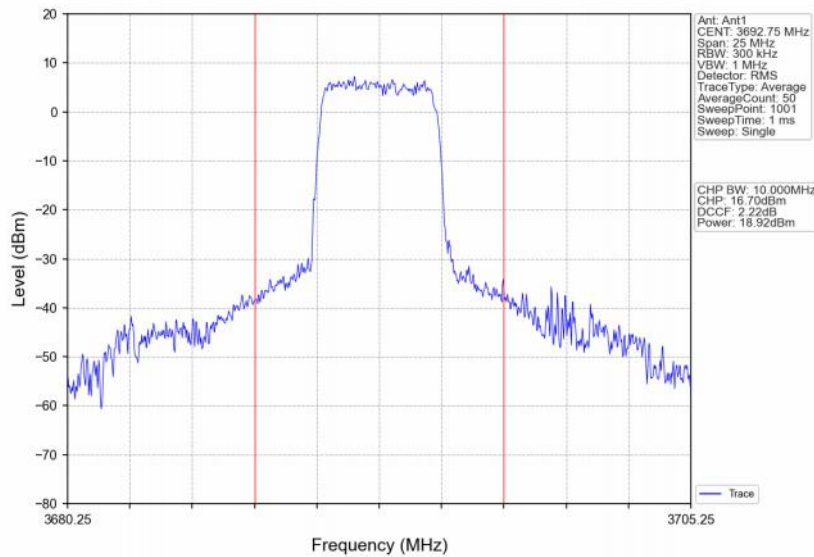
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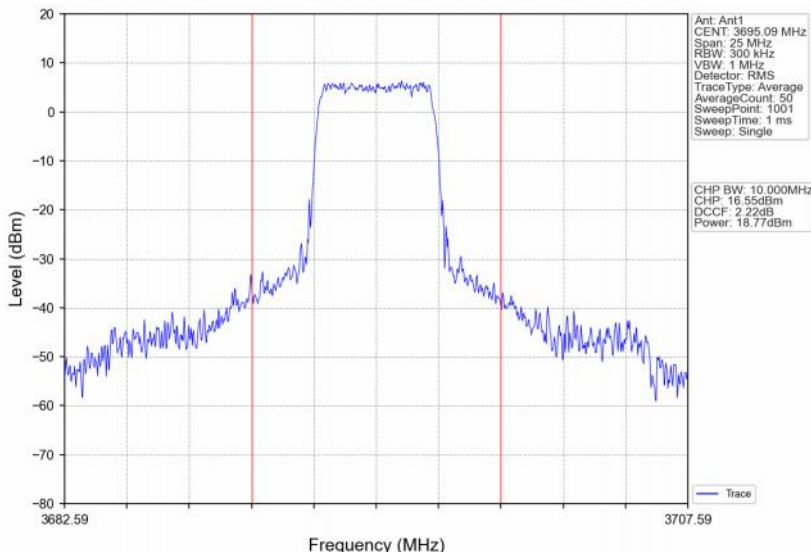


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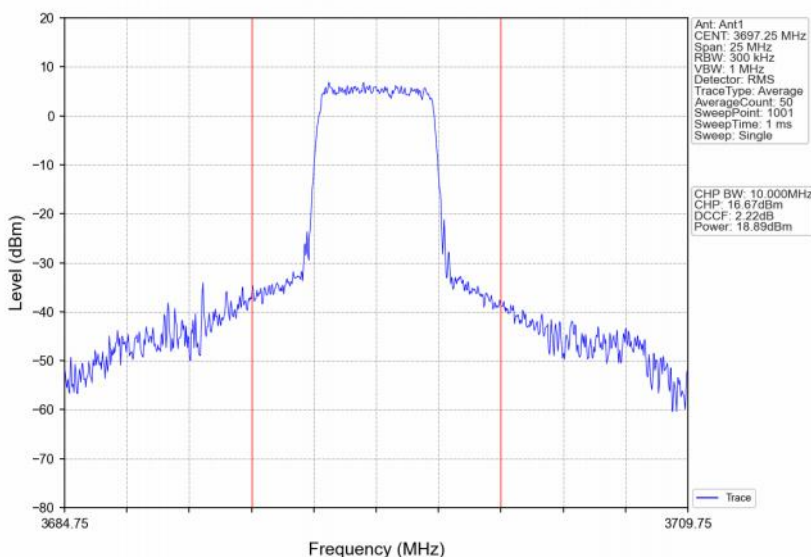
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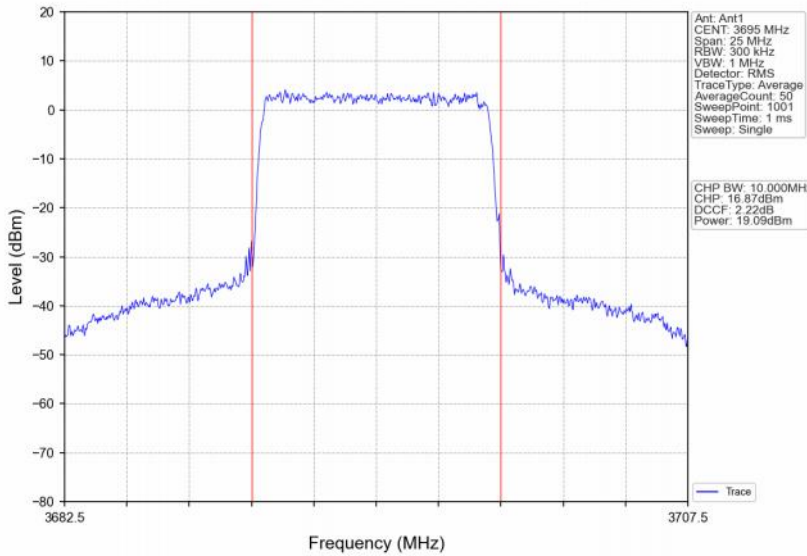


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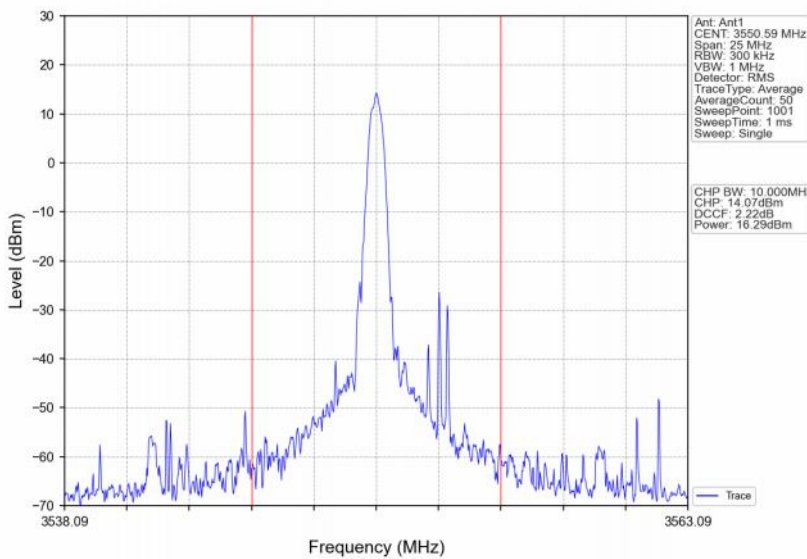
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Band48_10MHz_16QAM_LCH_3555MHz_RB_1_0_NTNV

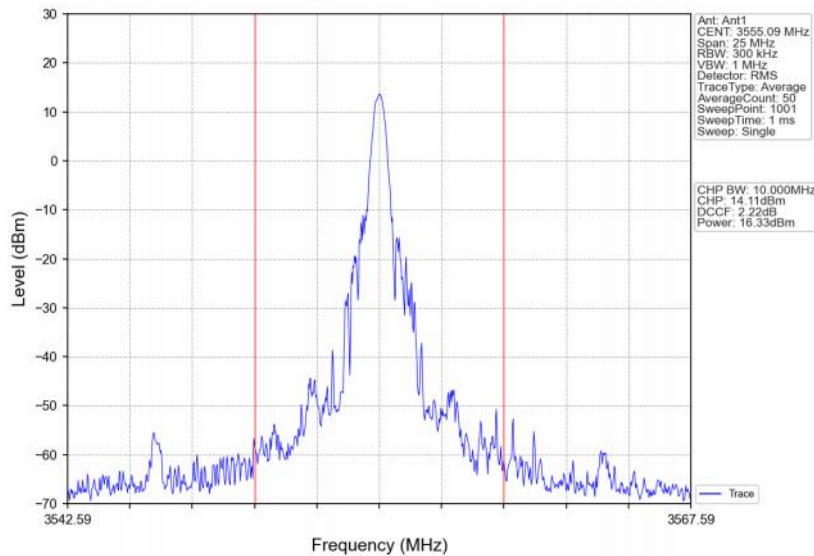


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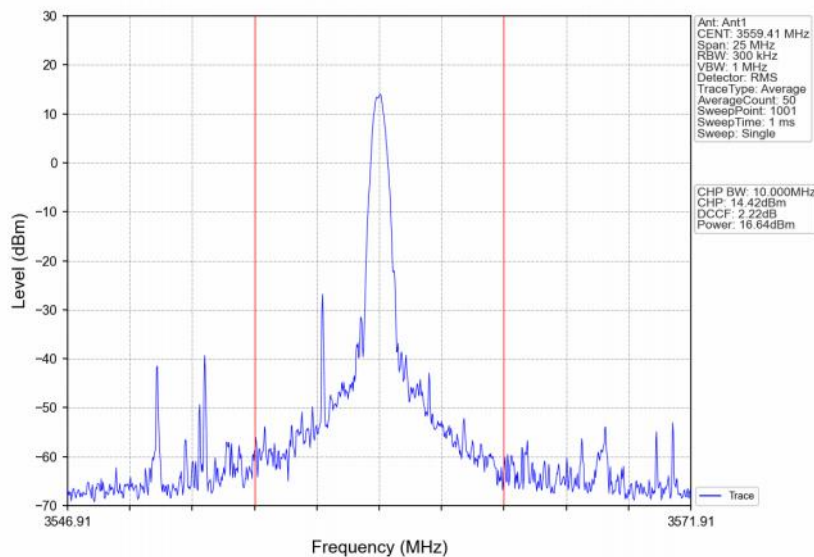
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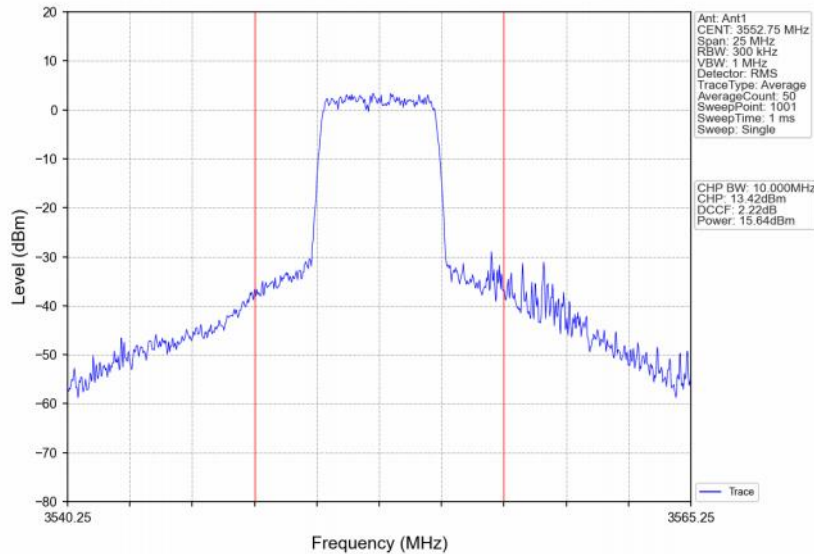


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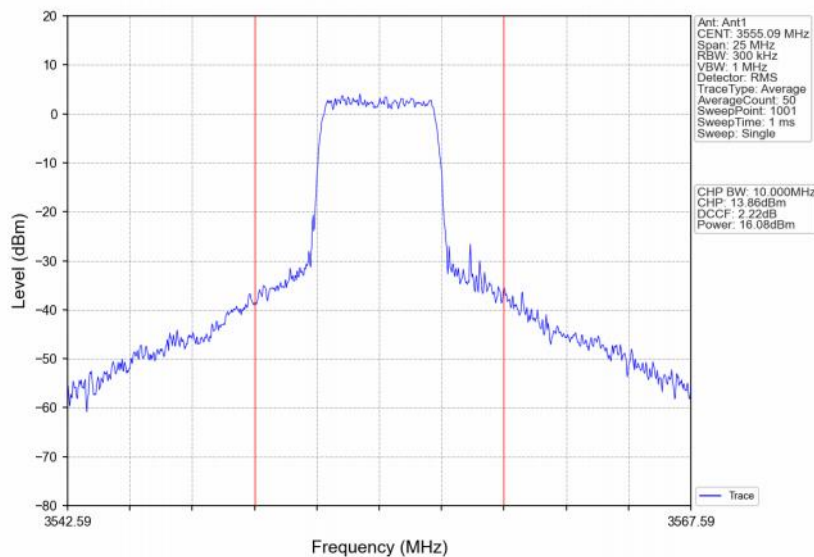
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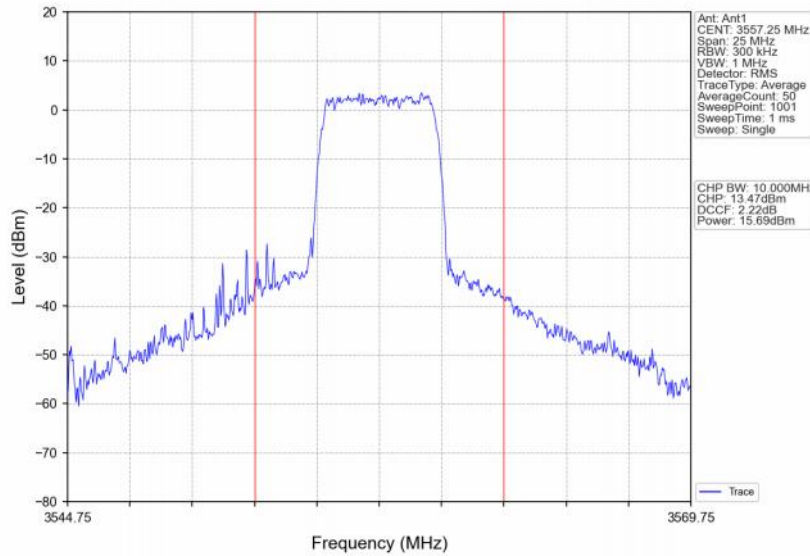


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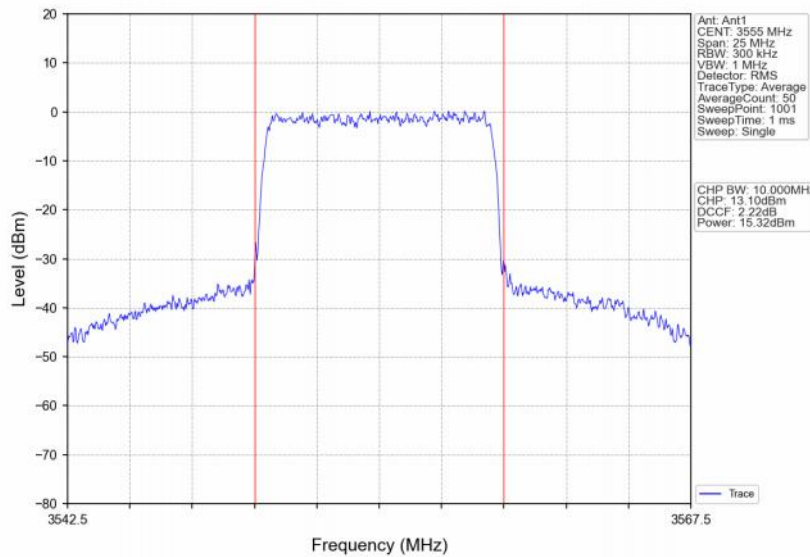
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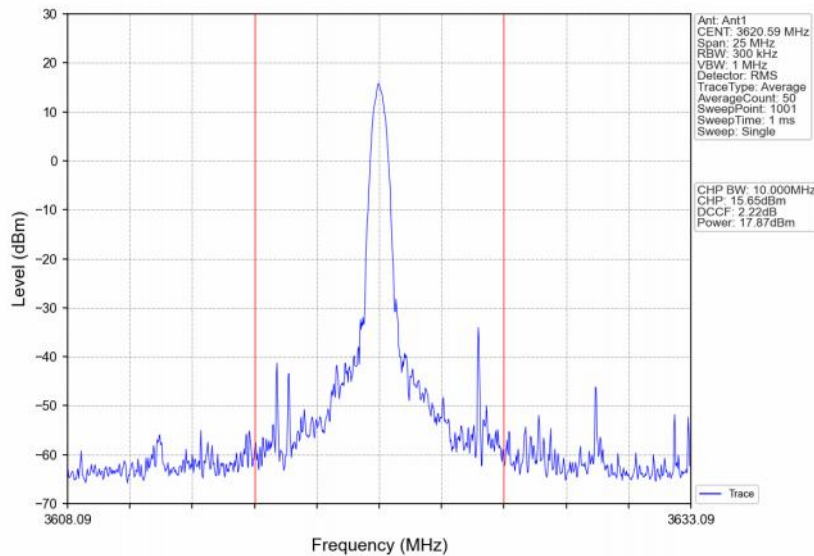


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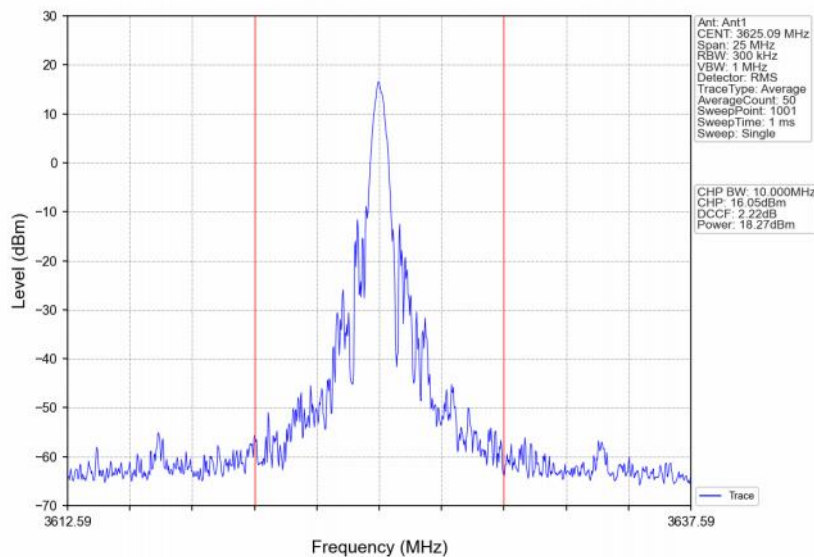
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Band48_10MHz_16QAM_MCH_3625MHz_RB_1_0_NTNV



Band48_10MHz_16QAM_MCH_3625MHz_RB_1_25_NTNV

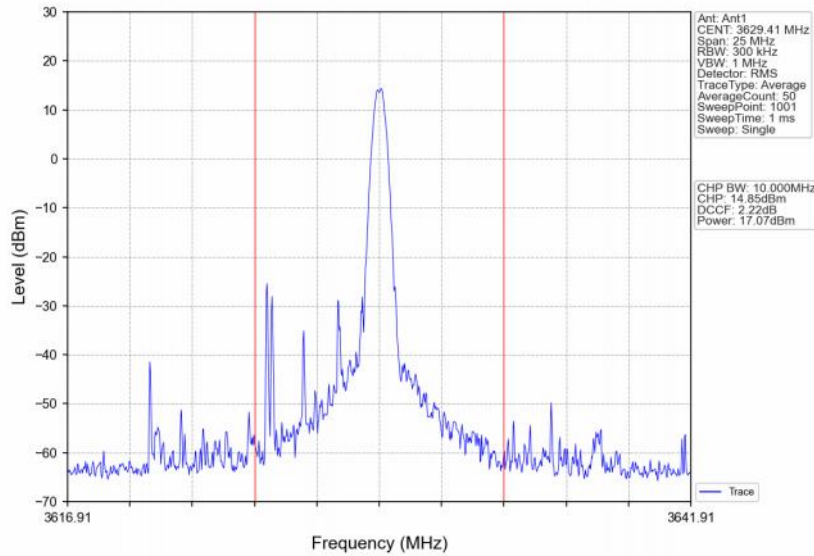


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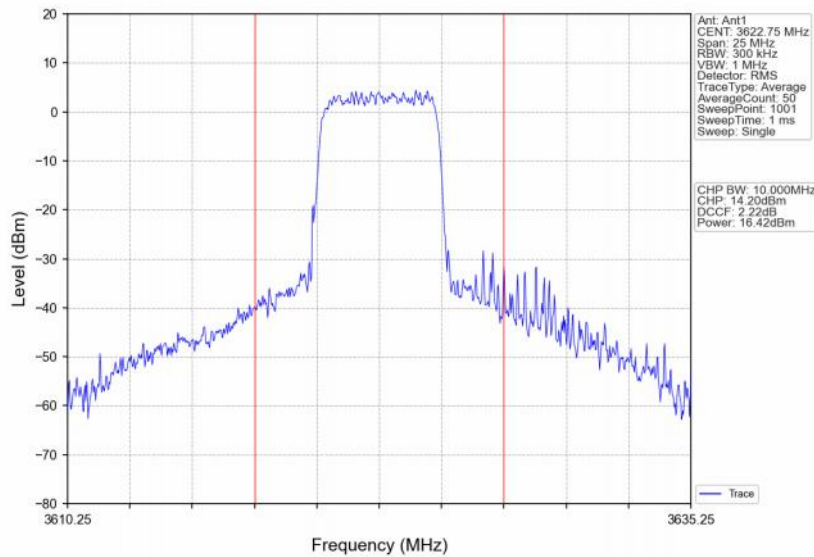
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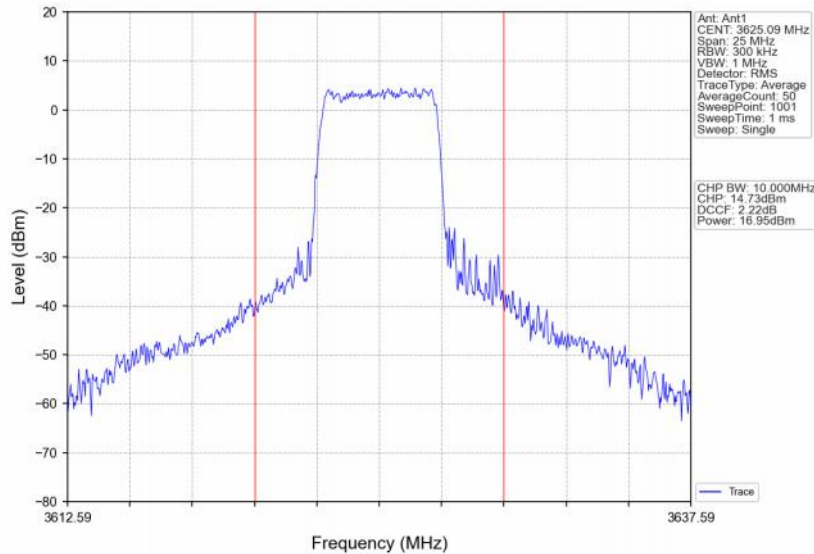


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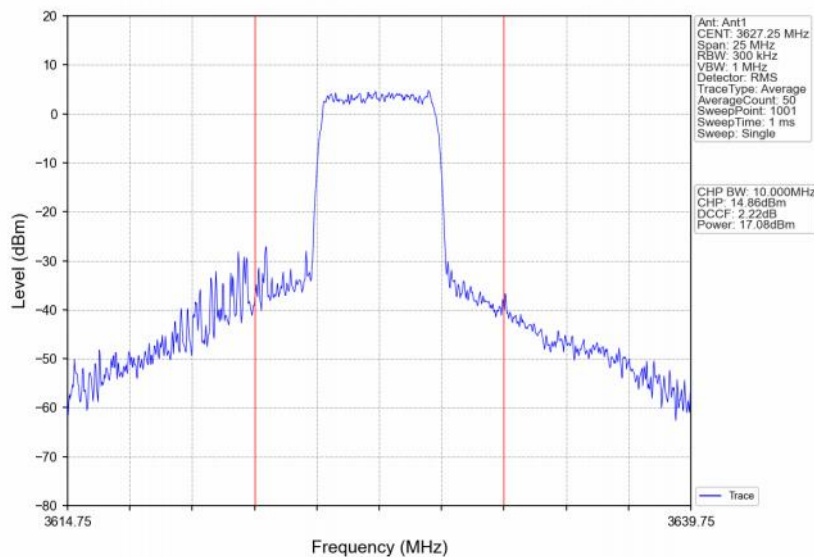
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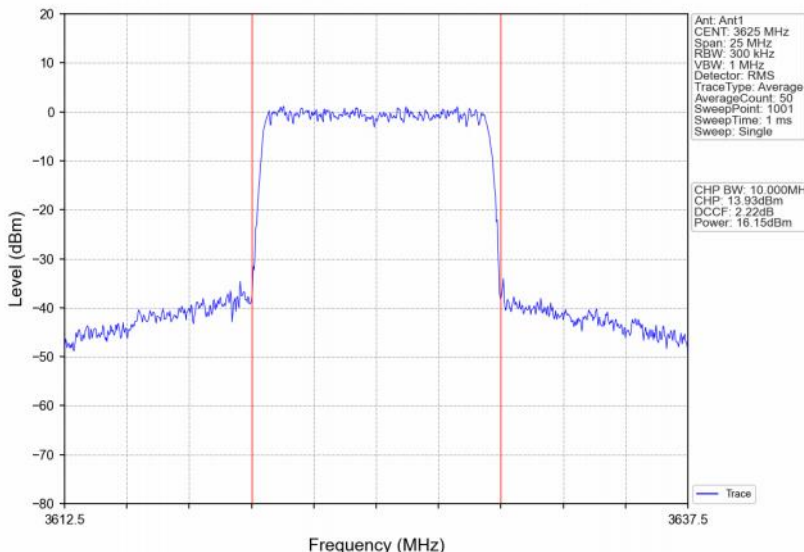


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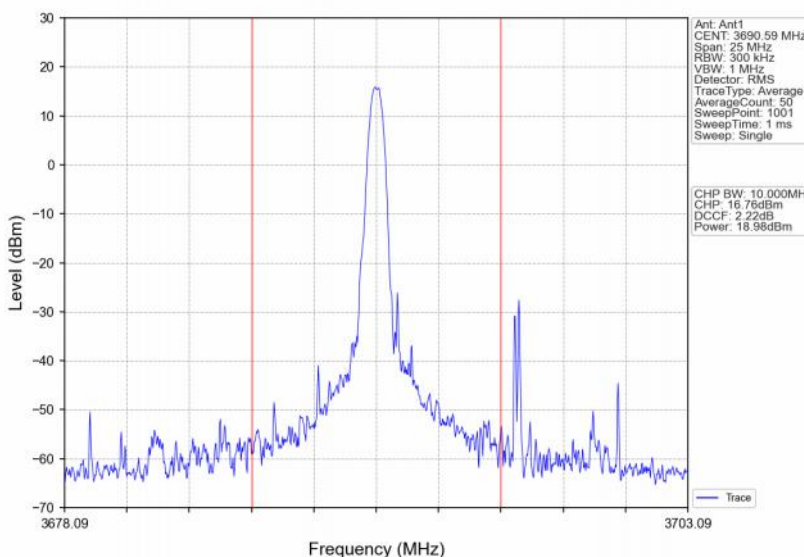
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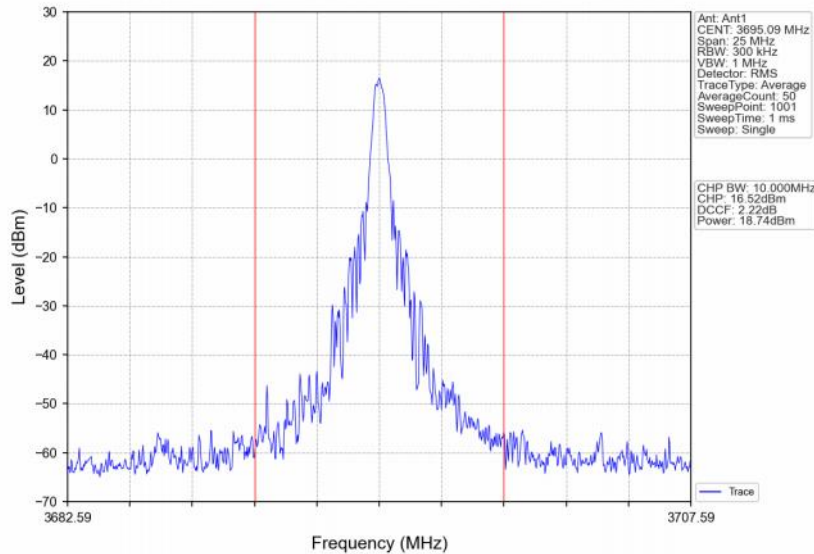


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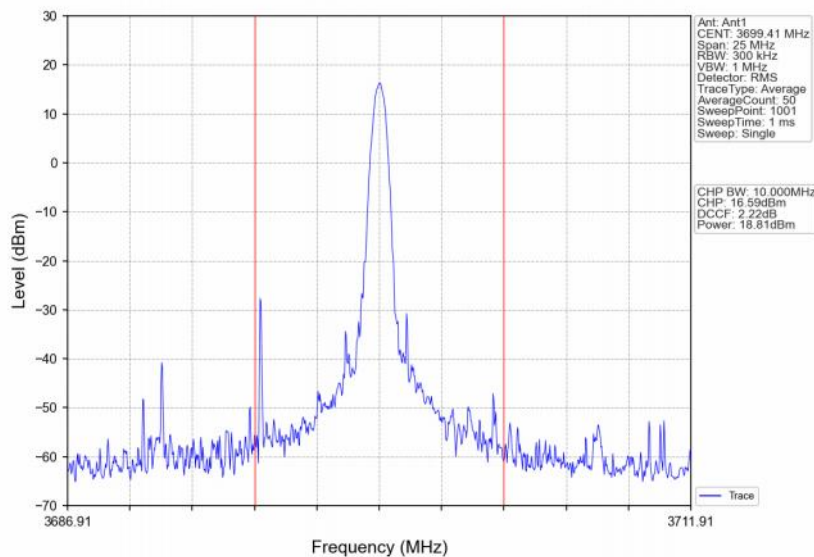
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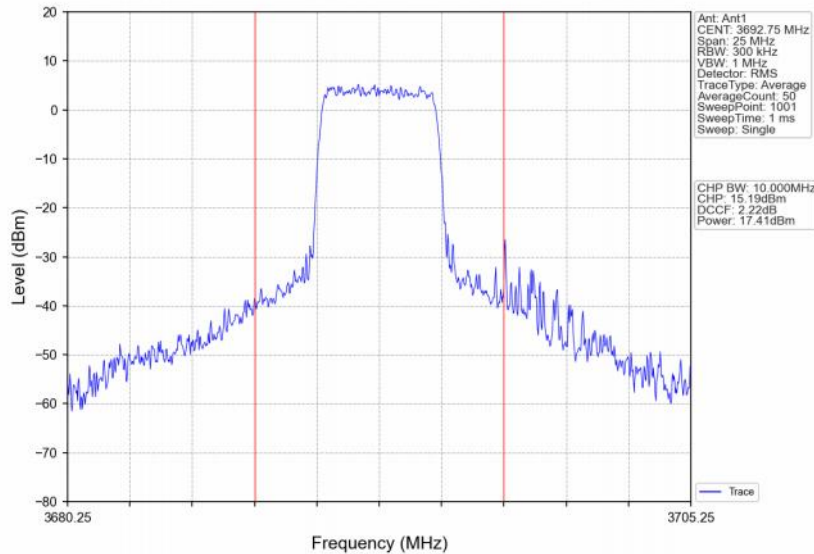


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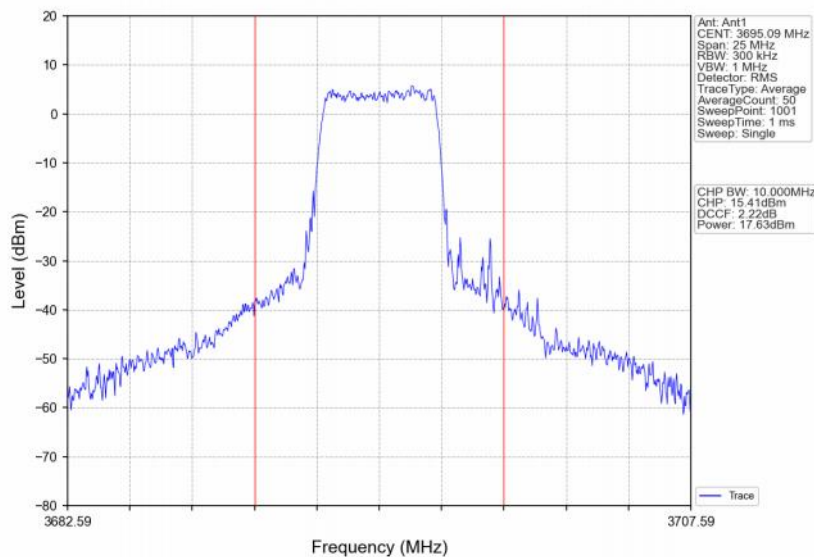
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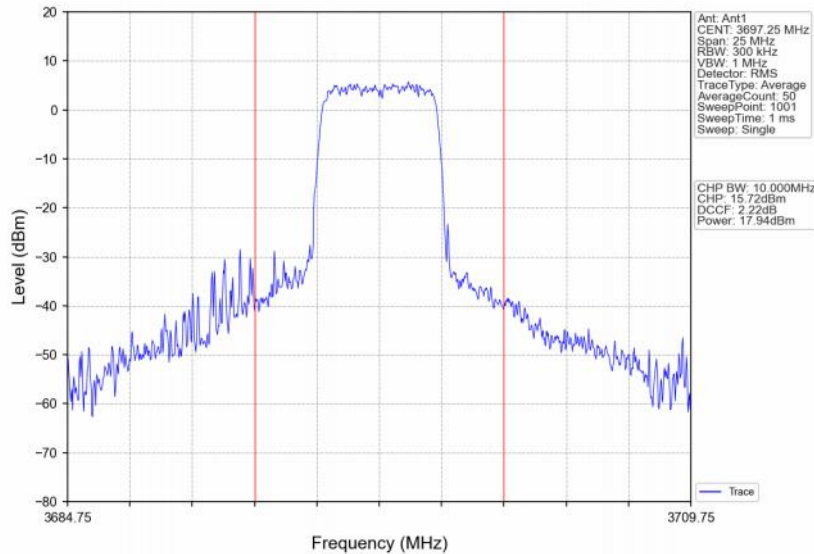


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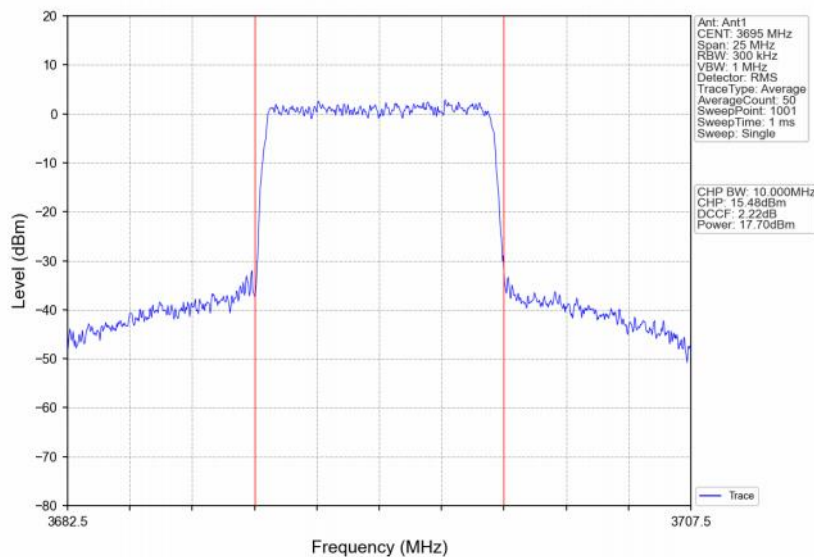
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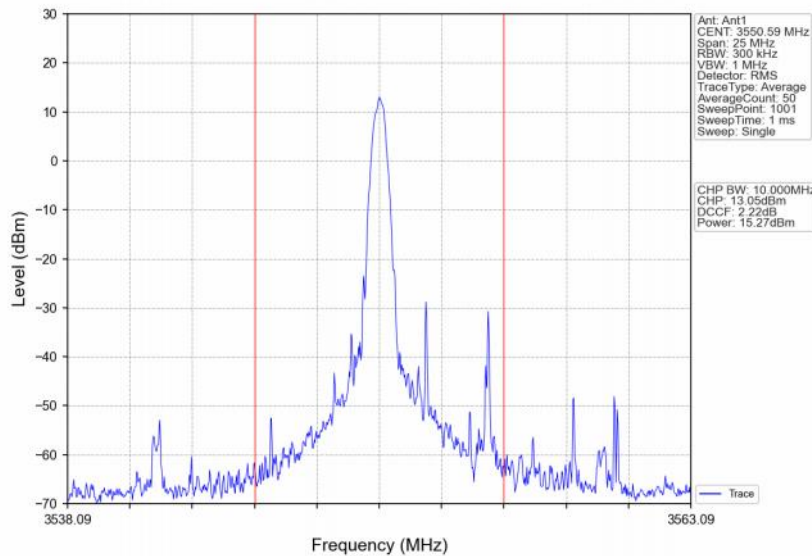


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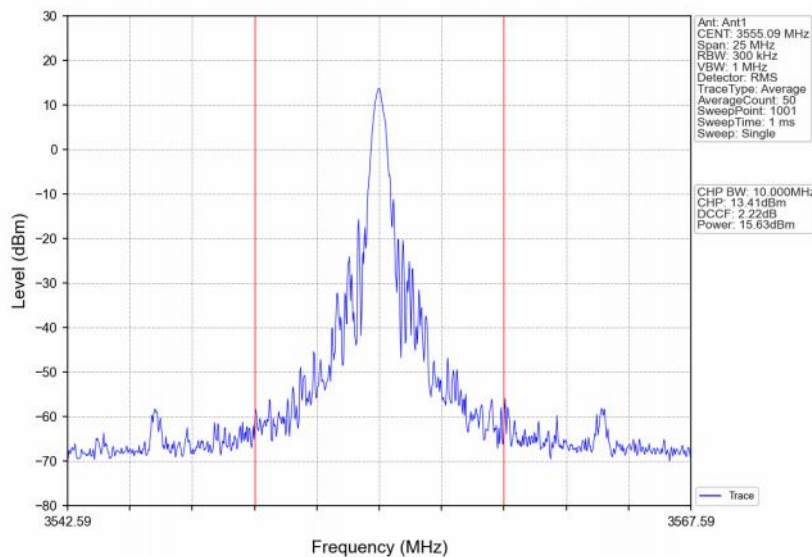
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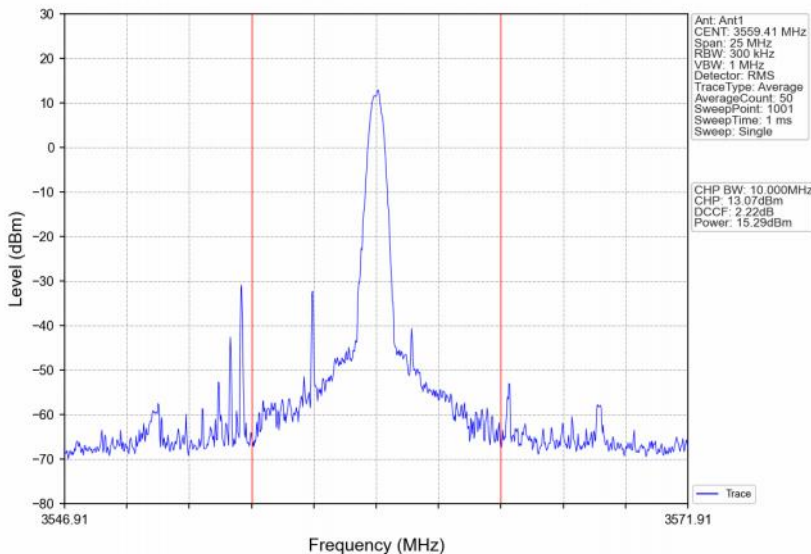


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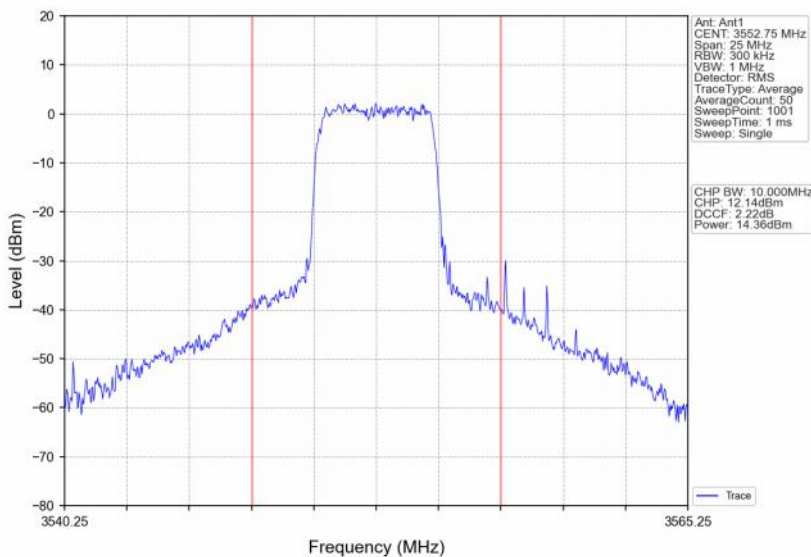
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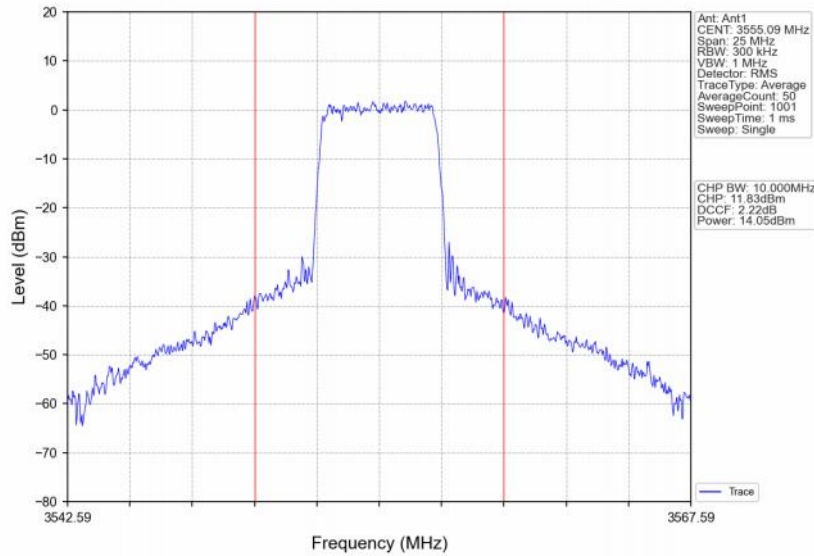


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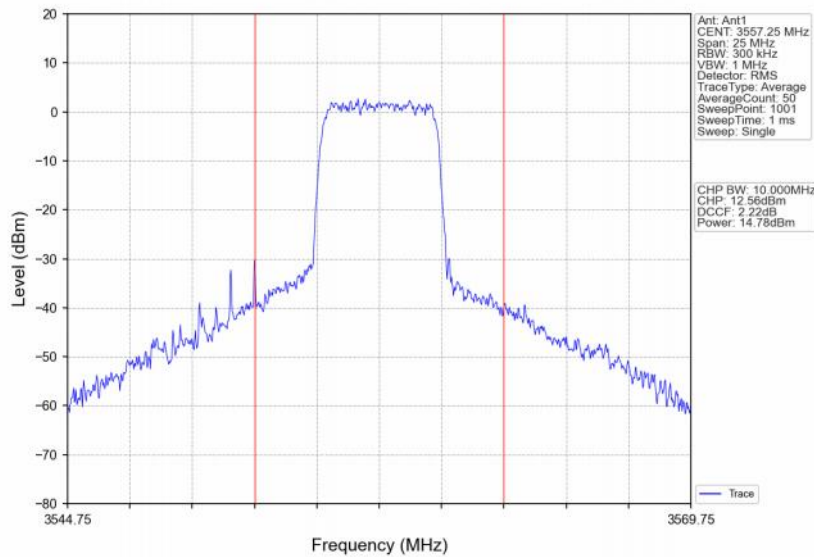
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Band48_10MHz_64QAM_LCH_3555MHz_RB_25_13_NTNV



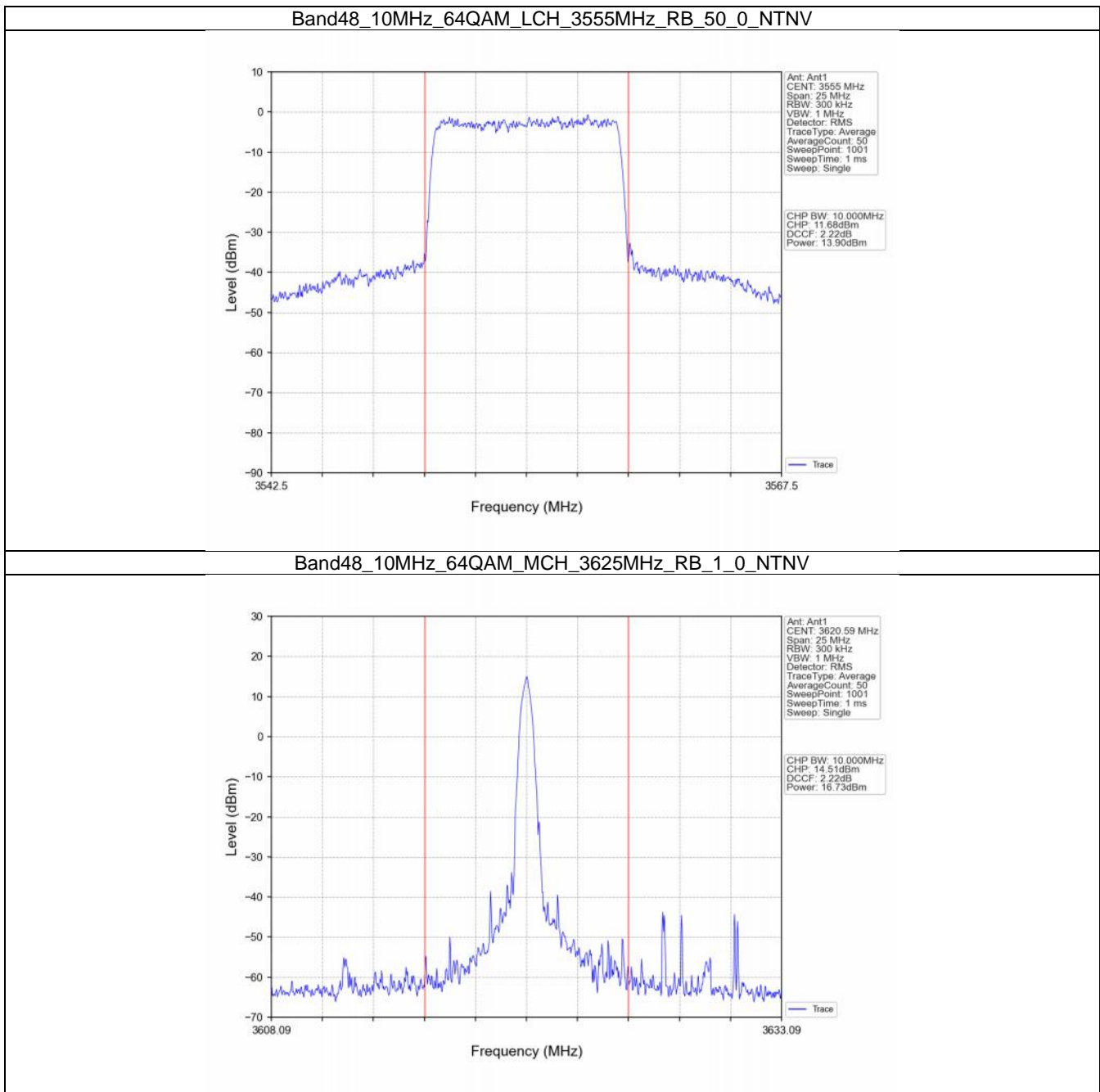
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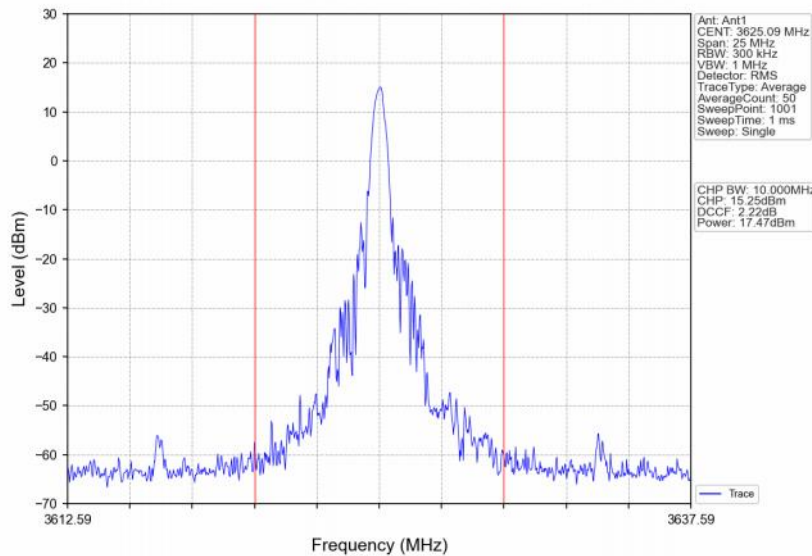


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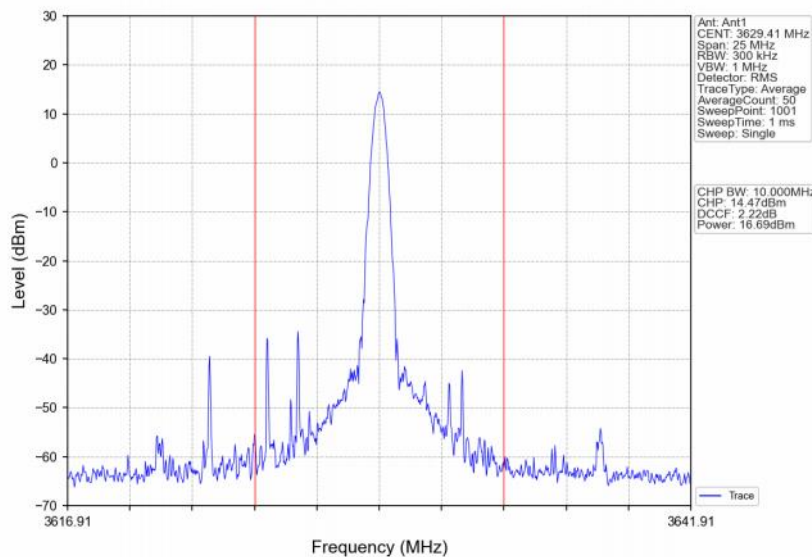
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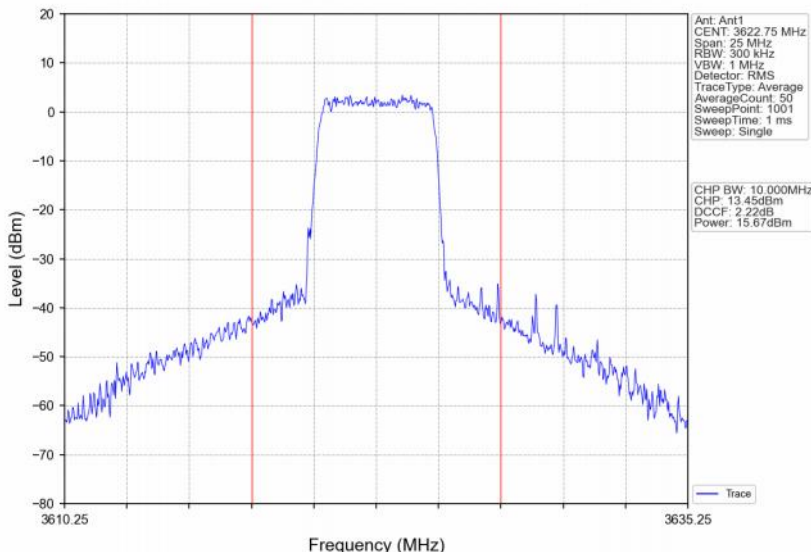


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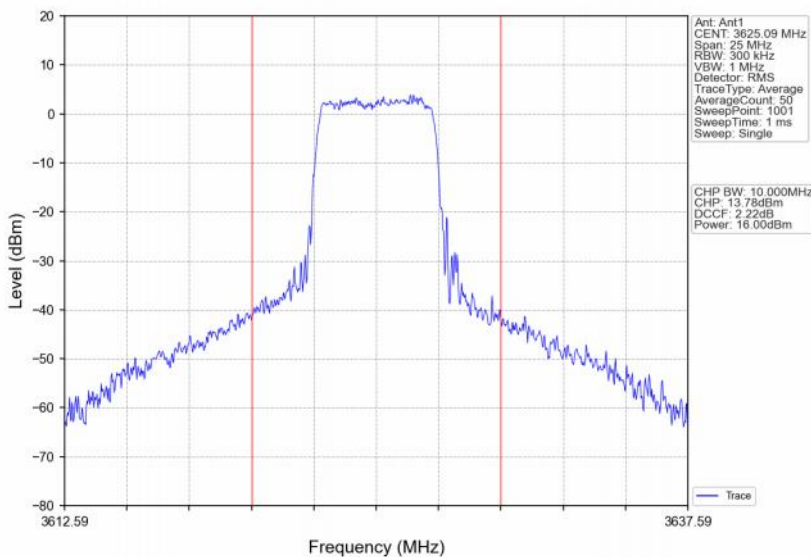
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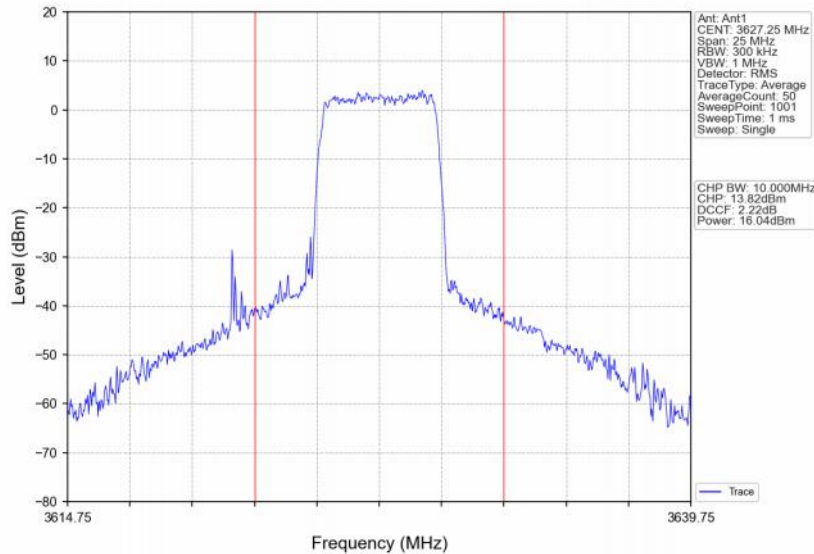


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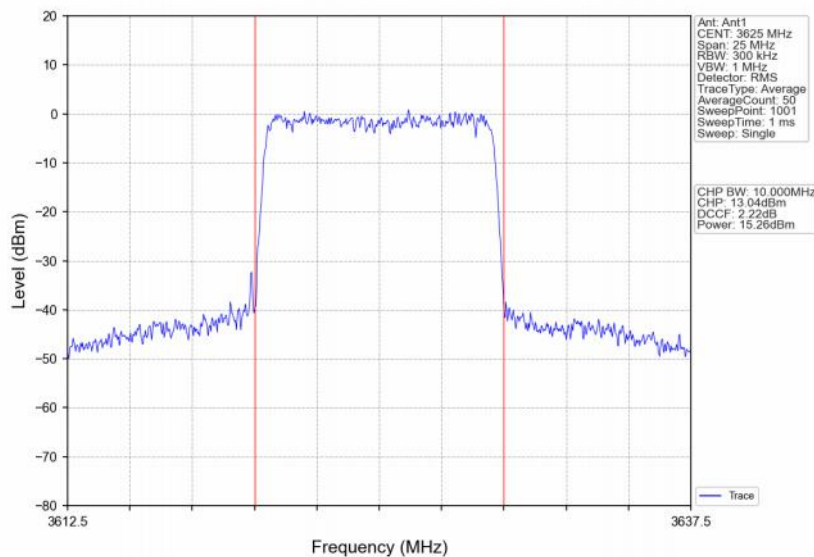
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Band48_10MHz_64QAM_MCH_3625MHz_RB_25_25_NTNV



Band48_10MHz_64QAM_MCH_3625MHz_RB_50_0_NTNV

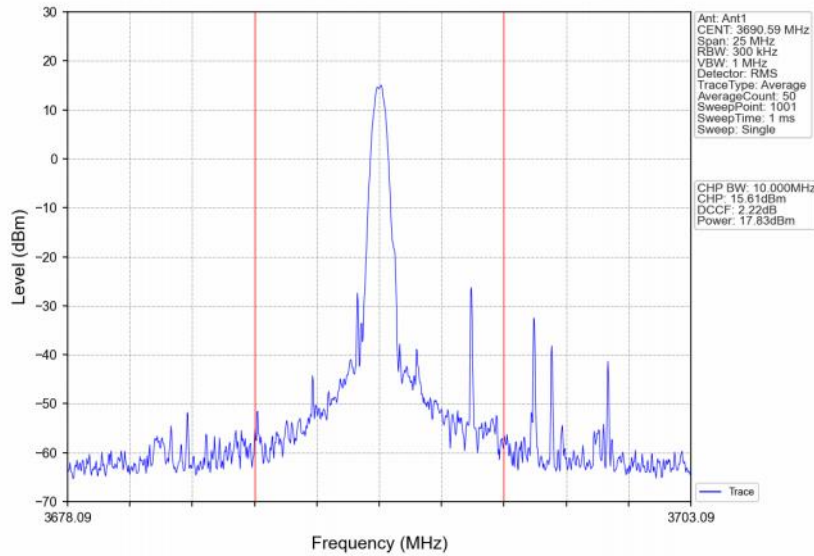


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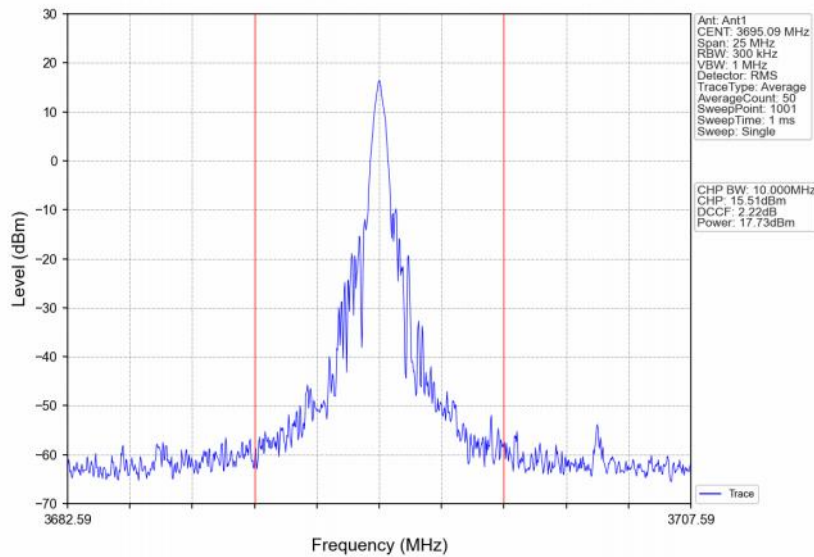
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Band48_10MHz_64QAM_HCH_3695MHz_RB_1_0_NTNV



Band48_10MHz_64QAM_HCH_3695MHz_RB_1_25_NTNV

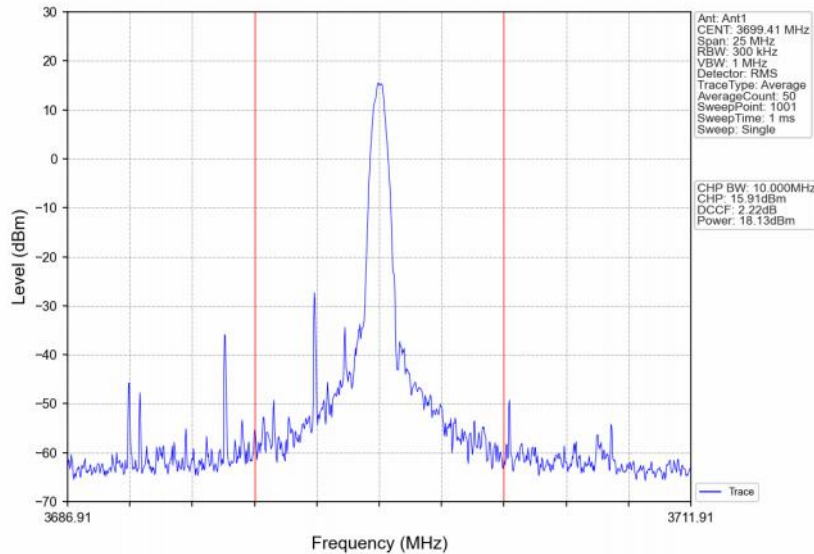


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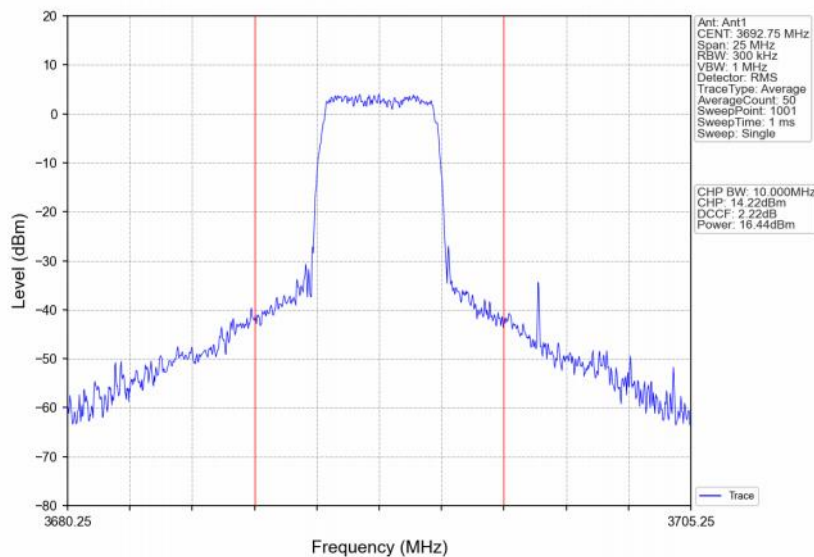
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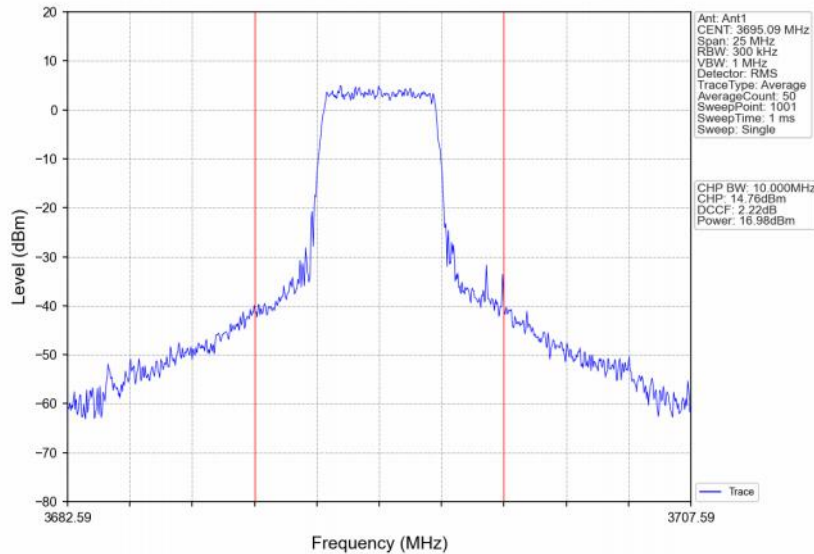


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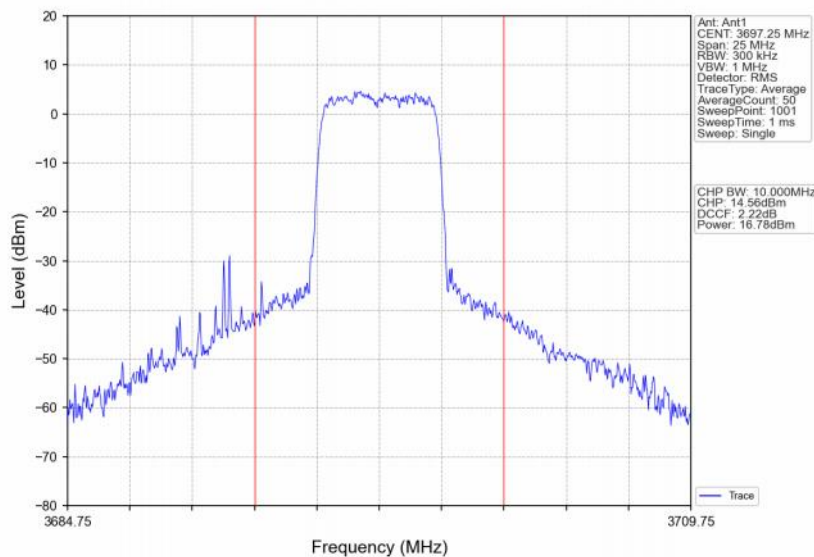
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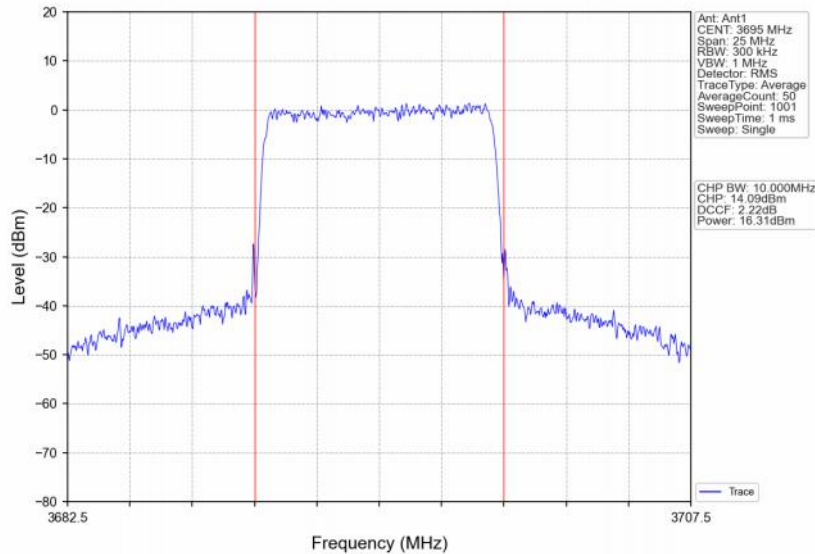


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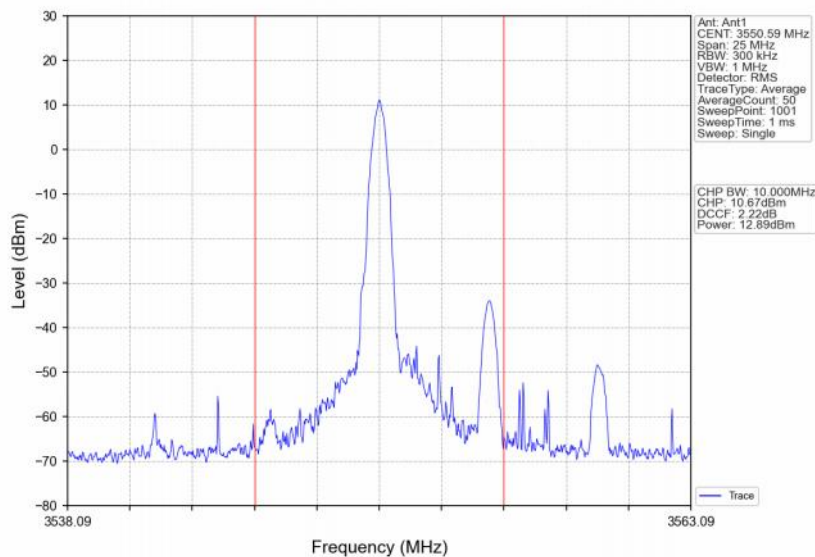
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Band48_10MHz_64QAM_HCH_3695MHz_RB_50_0_NTNV



Band48_10MHz_256QAM_LCH_3555MHz_RB_1_0_NTNV

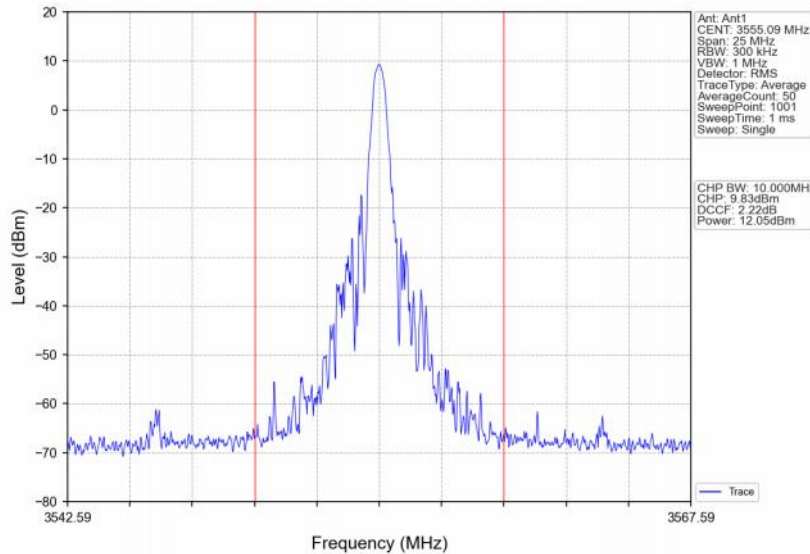


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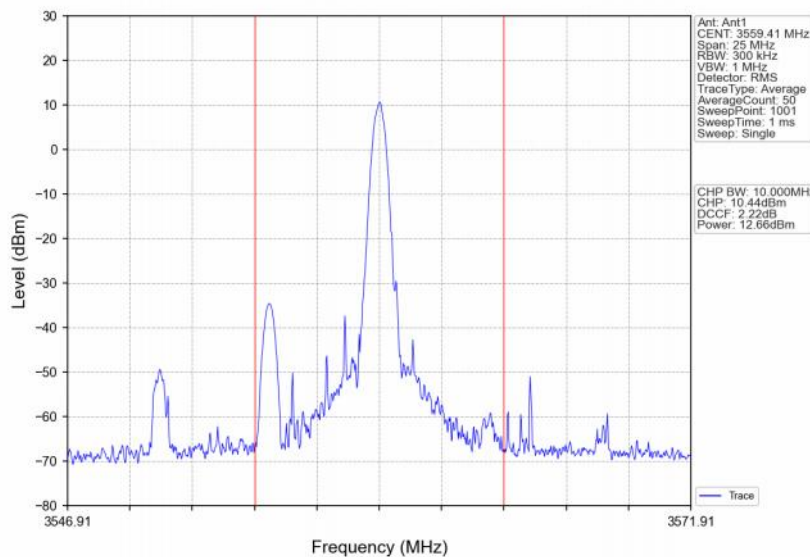
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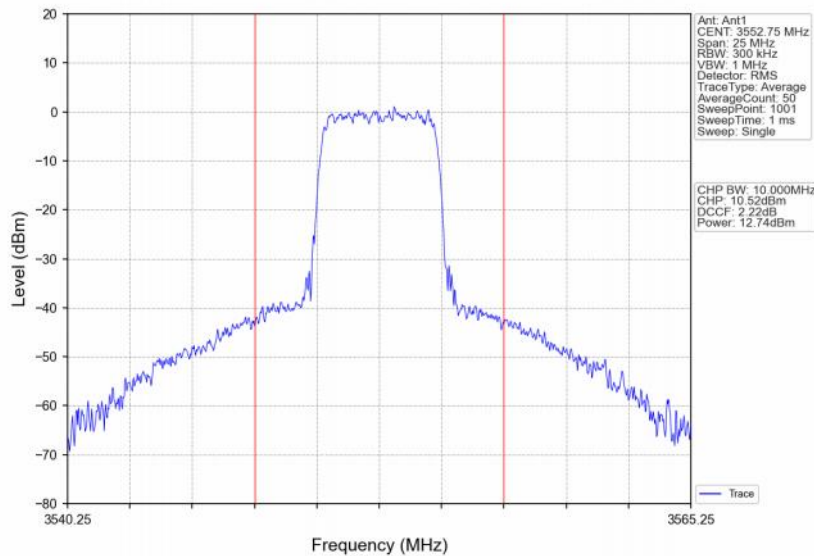


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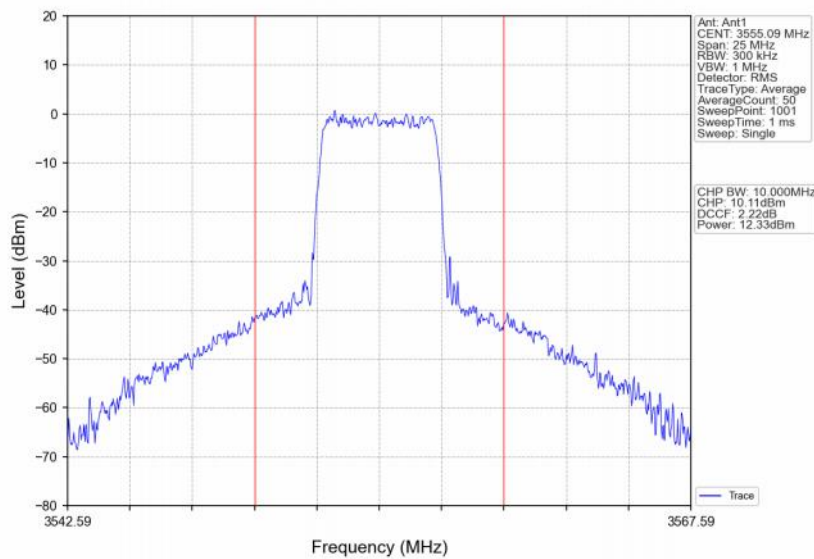
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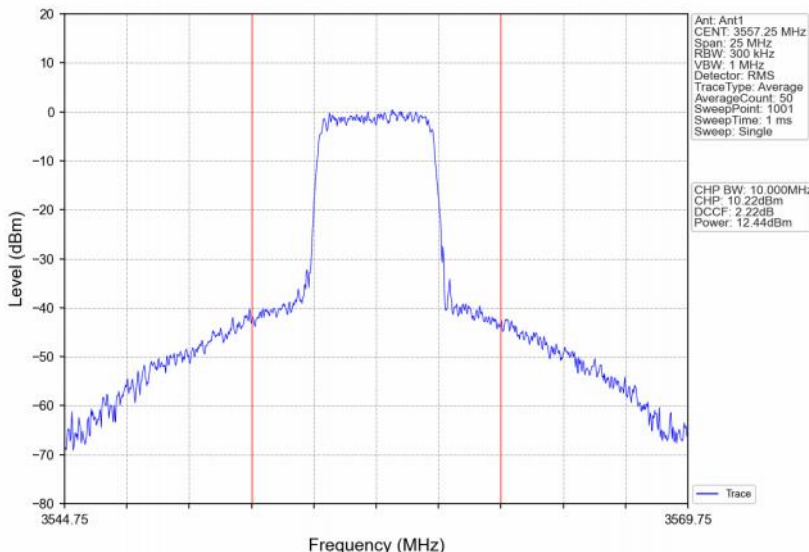


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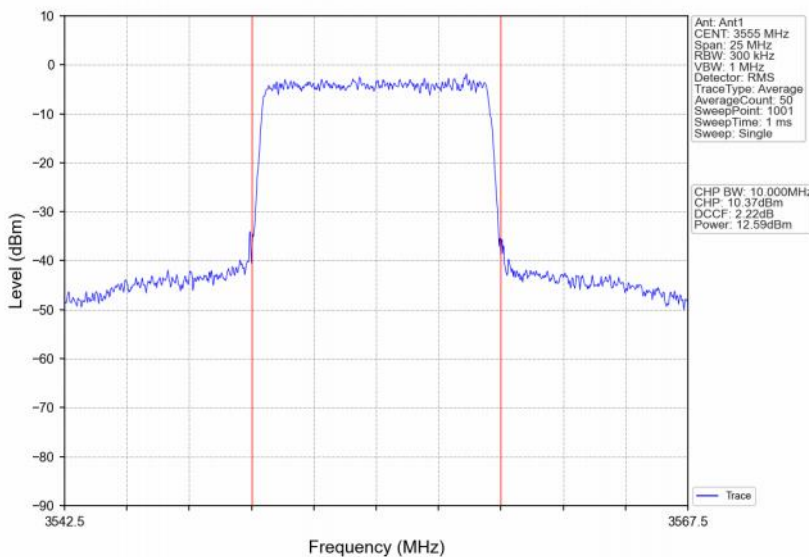
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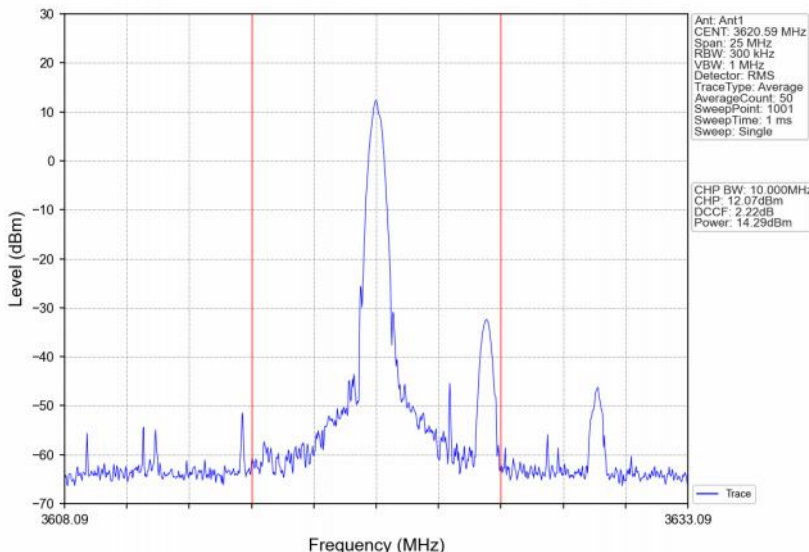


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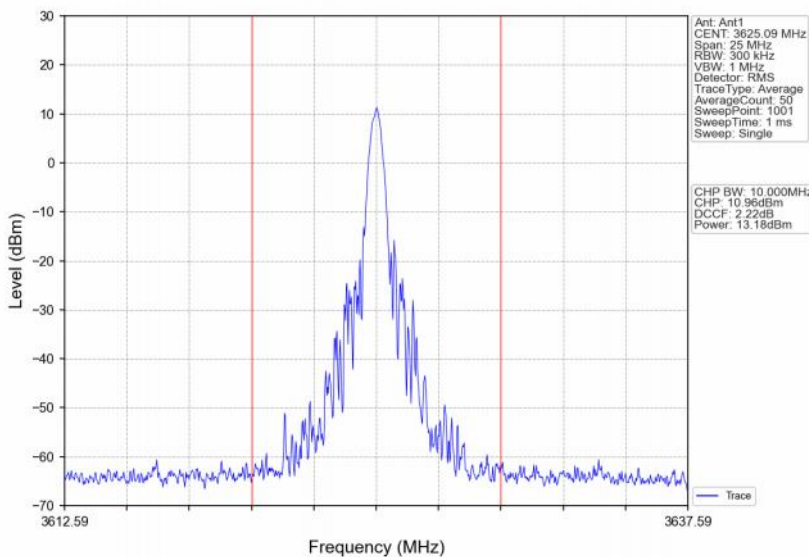
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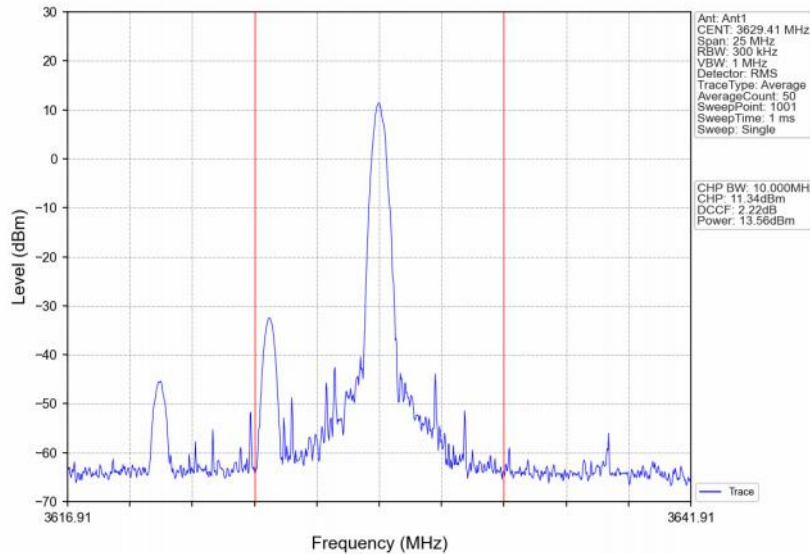


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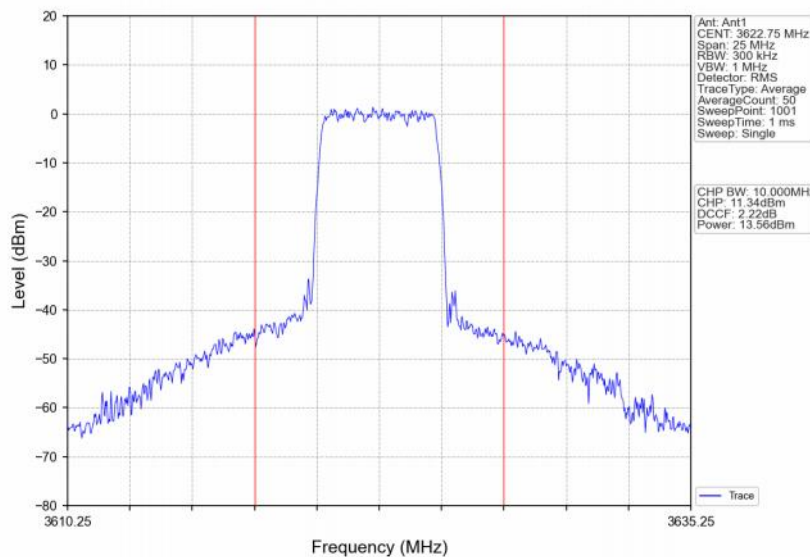
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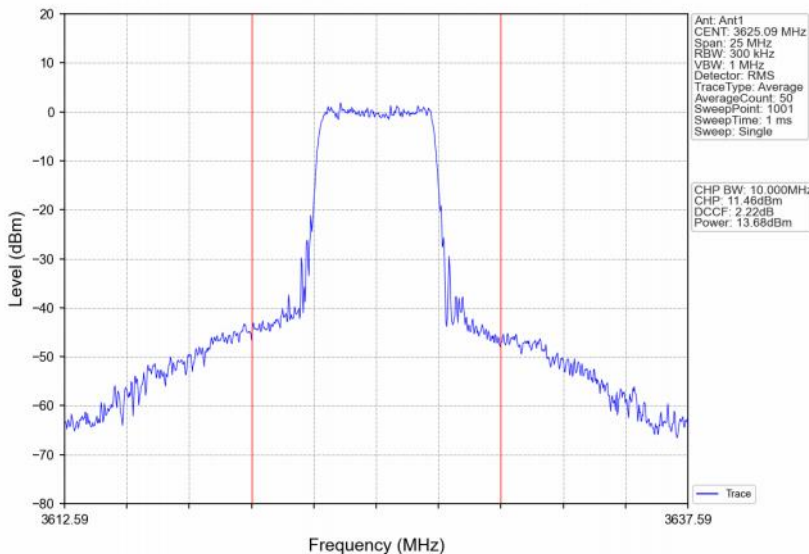


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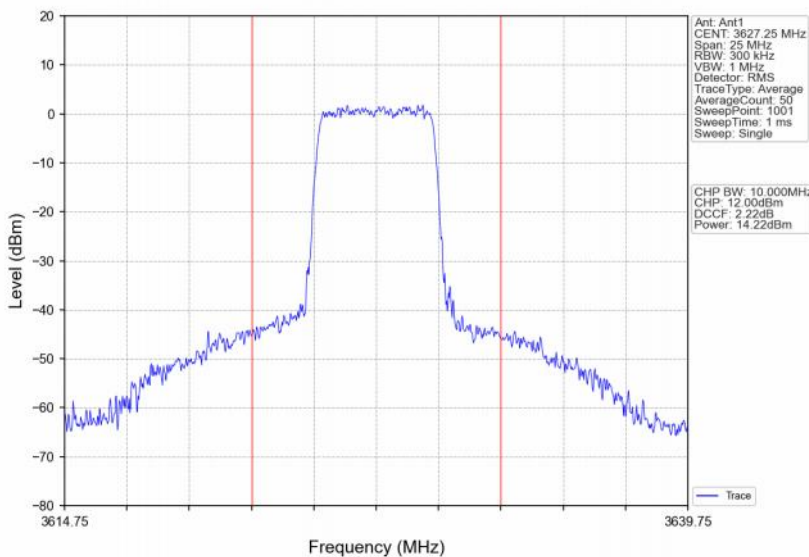
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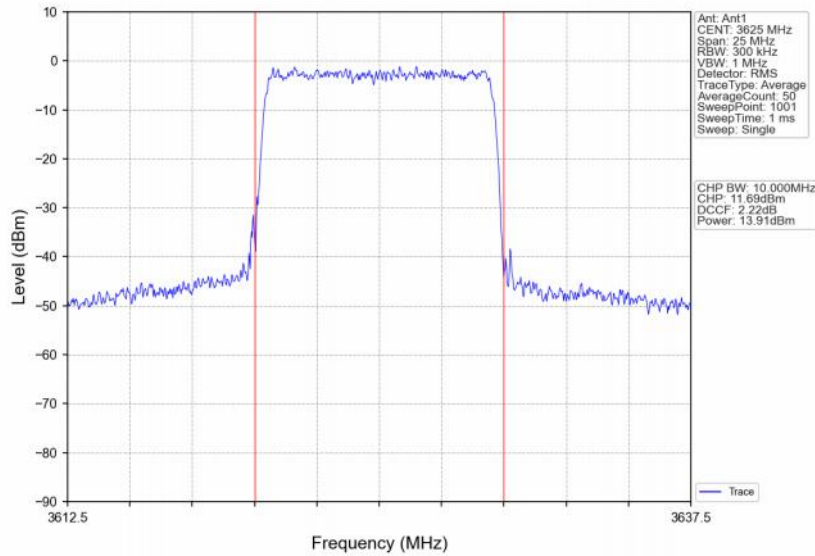


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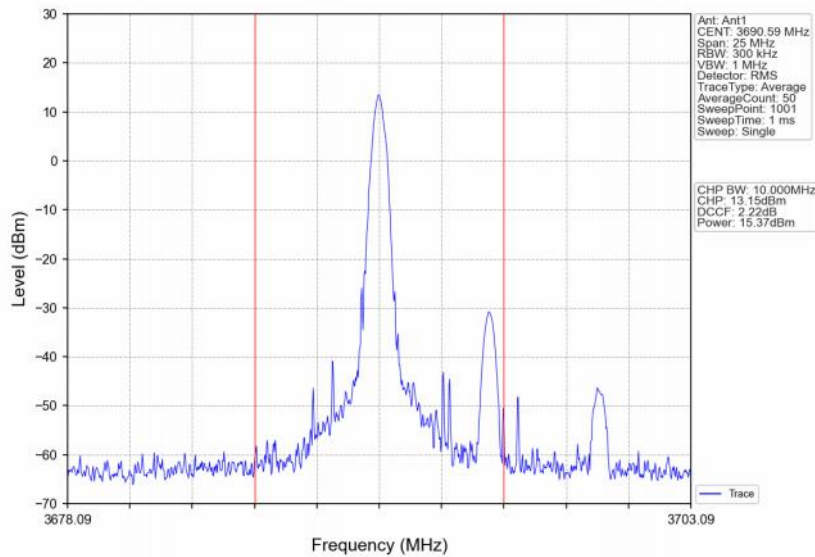
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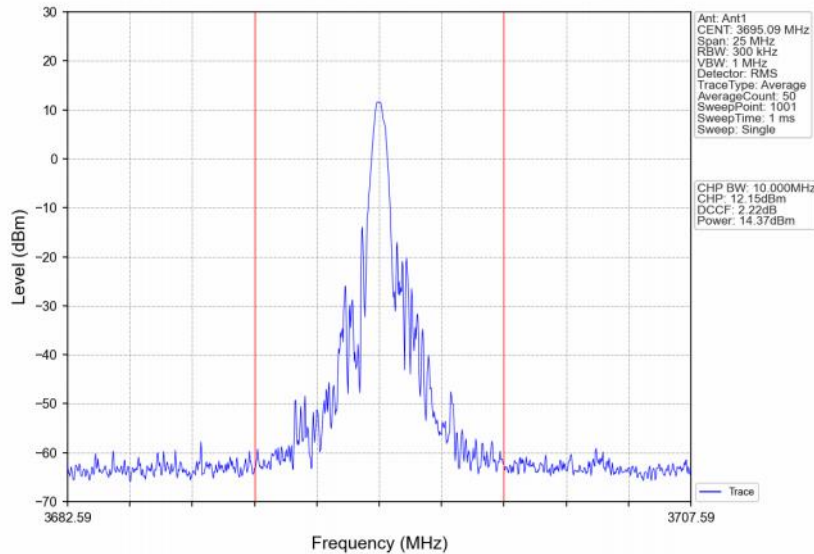


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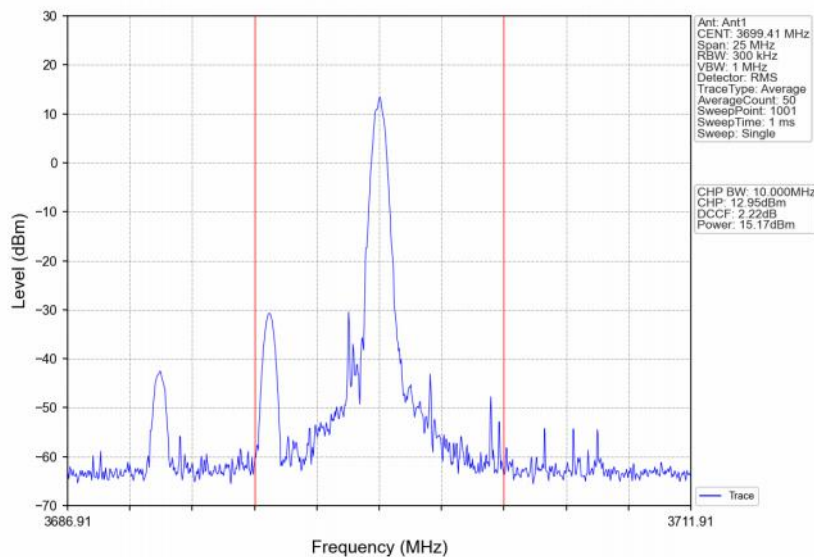
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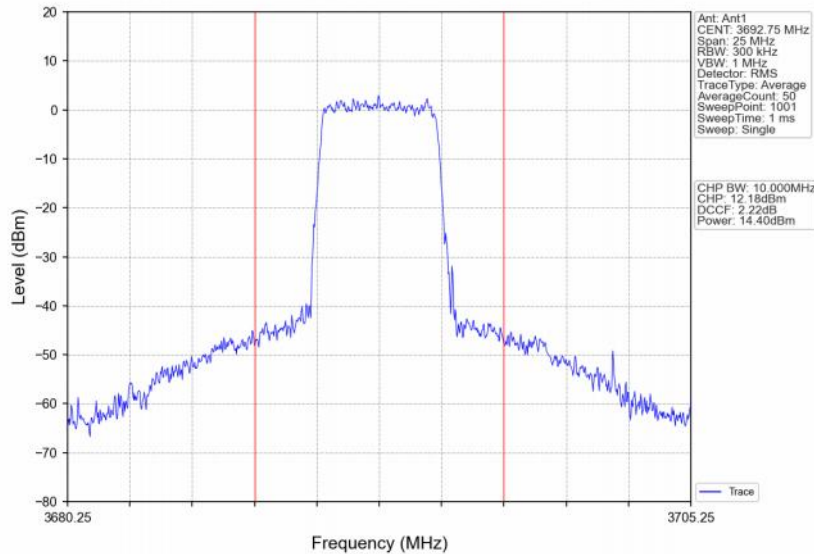


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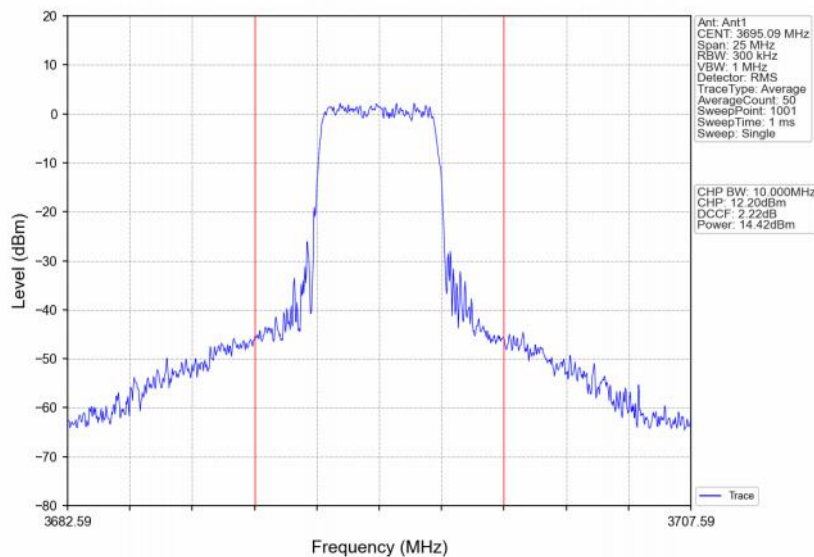
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Band48_10MHz_256QAM_HCH_3695MHz_RB_25_13_NTNV

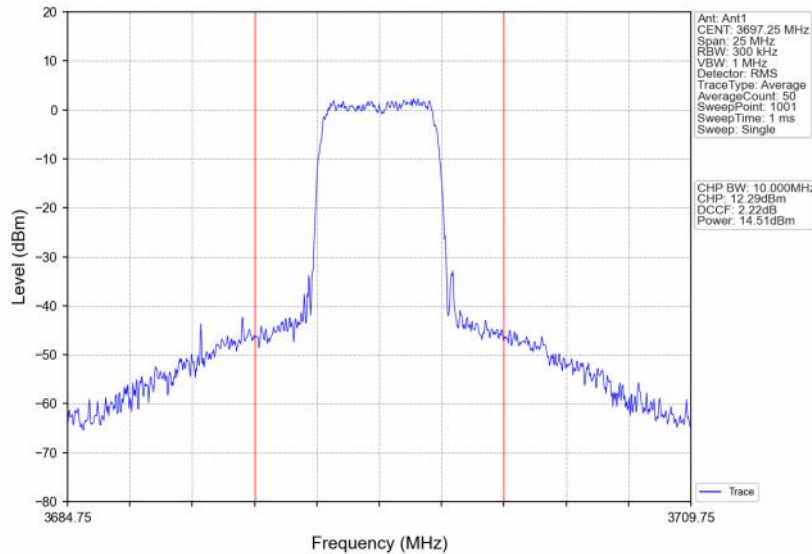


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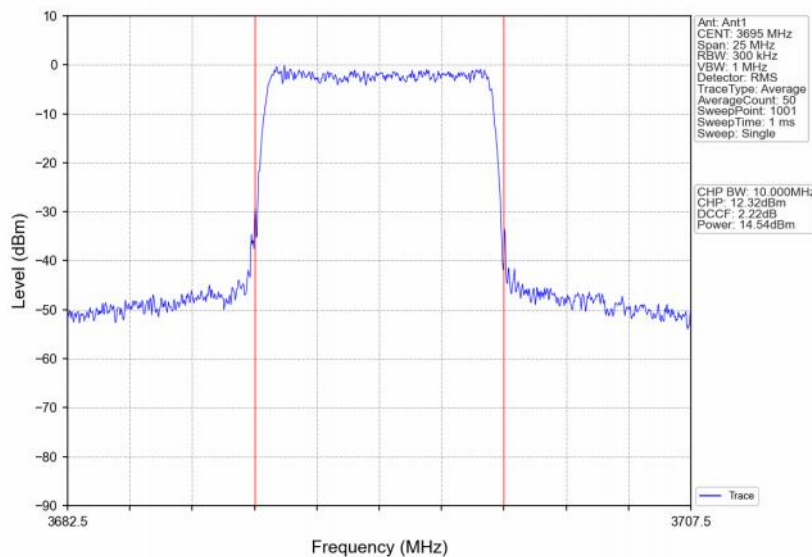
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Band48_10MHz_256QAM_HCH_3695MHz_RB_25_25_NTNV



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 / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dbi)	EIRP (dBm/10MHz)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3557.5	1	0	16.76	3.10	19.86	<=23	Pass		
			38	17.90	3.10	21.00	<=23	Pass		
			74	17.62	3.10	20.72	<=23	Pass		
		36	0	15.78	3.10	18.88	<=23	Pass		
			18	16.27	3.10	19.37	<=23	Pass		
			39	15.84	3.10	18.94	<=23	Pass		
		75	0	15.35	3.10	18.45	<=23	Pass		
		3625	1	0	19.41	3.10	22.51	<=23	Pass	
				38	18.95	3.10	22.05	<=23	Pass	
	74			19.16	3.10	22.26	<=23	Pass		
	36		0	18.15	3.10	21.25	<=23	Pass		
			18	18.35	3.10	21.45	<=23	Pass		
			39	18.35	3.10	21.45	<=23	Pass		
	75		0	16.88	3.10	19.98	<=23	Pass		
	3692.5		1	0	19.33	3.10	22.43	<=23	Pass	
				38	19.54	3.10	22.64	<=23	Pass	
		74		19.87	3.10	22.97	<=23	Pass		
		36	0	18.87	3.10	21.97	<=23	Pass		
			18	18.65	3.10	21.75	<=23	Pass		
			39	18.82	3.10	21.92	<=23	Pass		
		75	0	17.49	3.10	20.59	<=23	Pass		
		16QAM	3557.5	1	0	16.67	3.10	19.77	<=23	Pass
					38	16.47	3.10	19.57	<=23	Pass
	74				14.73	3.10	17.83	<=23	Pass	
36	0			15.14	3.10	18.24	<=23	Pass		
	18			15.70	3.10	18.80	<=23	Pass		
	39			15.53	3.10	18.63	<=23	Pass		
75	0			13.81	3.10	16.91	<=23	Pass		
3625	1			0	17.53	3.10	20.63	<=23	Pass	
				38	18.58	3.10	21.68	<=23	Pass	
			74	17.49	3.10	20.59	<=23	Pass		
	36		0	16.97	3.10	20.07	<=23	Pass		
			18	17.35	3.10	20.45	<=23	Pass		
			39	16.71	3.10	19.81	<=23	Pass		
	75		0	15.92	3.10	19.02	<=23	Pass		
	3692.5		1	0	19.18	3.10	22.28	<=23	Pass	
				38	18.49	3.10	21.59	<=23	Pass	
74				19.21	3.10	22.31	<=23	Pass		
36			0	17.14	3.10	20.24	<=23	Pass		
			18	17.22	3.10	20.32	<=23	Pass		
			39	17.46	3.10	20.56	<=23	Pass		
75			0	16.14	3.10	19.24	<=23	Pass		
64QAM			3557.5	1	0	15.86	3.10	18.96	<=23	Pass
					38	15.56	3.10	18.66	<=23	Pass
	74				14.78	3.10	17.88	<=23	Pass	
	36	0		14.52	3.10	17.62	<=23	Pass		



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256QAM	3625	75	18	14.45	3.10	17.55	<=23	Pass	
			39	14.93	3.10	18.03	<=23	Pass	
			0	12.72	3.10	15.82	<=23	Pass	
		36	1	0	17.20	3.10	20.30	<=23	Pass
				38	17.30	3.10	20.40	<=23	Pass
				74	17.64	3.10	20.74	<=23	Pass
			0	16.09	3.10	19.19	<=23	Pass	
			18	15.91	3.10	19.01	<=23	Pass	
			39	15.77	3.10	18.87	<=23	Pass	
	75	1	0	14.99	3.10	18.09	<=23	Pass	
			38	17.57	3.10	20.67	<=23	Pass	
			74	17.87	3.10	20.97	<=23	Pass	
	3692.5	36	0	16.16	3.10	19.26	<=23	Pass	
			18	16.95	3.10	20.05	<=23	Pass	
			39	16.57	3.10	19.67	<=23	Pass	
		75	1	0	15.62	3.10	18.72	<=23	Pass
				38	17.57	3.10	20.67	<=23	Pass
				74	17.57	3.10	20.67	<=23	Pass
		3557.5	36	0	12.15	3.10	15.25	<=23	Pass
				38	12.82	3.10	15.92	<=23	Pass
				74	12.58	3.10	15.68	<=23	Pass
	0			12.84	3.10	15.94	<=23	Pass	
	18			12.32	3.10	15.42	<=23	Pass	
	39			12.74	3.10	15.84	<=23	Pass	
75	1		0	10.76	3.10	13.86	<=23	Pass	
			38	14.89	3.10	17.99	<=23	Pass	
			74	14.23	3.10	17.33	<=23	Pass	
3625	36		0	13.60	3.10	16.70	<=23	Pass	
			18	14.00	3.10	17.10	<=23	Pass	
			39	14.34	3.10	17.44	<=23	Pass	
	75		1	0	12.81	3.10	15.91	<=23	Pass
				38	14.85	3.10	17.95	<=23	Pass
				74	15.37	3.10	18.47	<=23	Pass
3692.5	36	0	14.99	3.10	18.09	<=23	Pass		
		18	14.36	3.10	17.46	<=23	Pass		
		39	15.03	3.10	18.13	<=23	Pass		
	75	1	0	13.39	3.10	16.49	<=23	Pass	
			38	14.87	3.10	17.97	<=23	Pass	
			74	15.37	3.10	18.47	<=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	16.56	3.10	19.66	<=23	Pass		
			38	17.55	3.10	20.65	<=23	Pass		
			74	17.64	3.10	20.74	<=23	Pass		
		36	0	15.84	3.10	18.94	<=23	Pass		
			18	16.39	3.10	19.49	<=23	Pass		
			39	15.88	3.10	18.98	<=23	Pass		
		75	0	18.12	3.10	21.22	<=23	Pass		
		3625	1	0	19.34	3.10	22.44	<=23	Pass	
				38	18.81	3.10	21.91	<=23	Pass	
	74			19.25	3.10	22.35	<=23	Pass		
	36		0	18.22	3.10	21.32	<=23	Pass		
			18	18.42	3.10	21.52	<=23	Pass		
			39	18.52	3.10	21.62	<=23	Pass		
	75		0	19.24	3.10	22.34	<=23	Pass		
	3692.5		1	0	19.35	3.10	22.45	<=23	Pass	
				38	19.42	3.10	22.52	<=23	Pass	
		74		19.25	3.10	22.35	<=23	Pass		
		36	0	18.88	3.10	21.98	<=23	Pass		
			18	18.94	3.10	22.04	<=23	Pass		
			39	18.36	3.10	21.46	<=23	Pass		
		75	0	19.88	3.10	22.98	<=23	Pass		
		16QAM	3557.5	1	0	16.58	3.10	19.68	<=23	Pass
					38	16.42	3.10	19.52	<=23	Pass
	74				14.54	3.10	17.64	<=23	Pass	
36	0			15.26	3.10	18.36	<=23	Pass		
	18			15.52	3.10	18.62	<=23	Pass		
	39			15.64	3.10	18.74	<=23	Pass		
75	0			16.53	3.10	19.63	<=23	Pass		
3625	1			0	17.62	3.10	20.72	<=23	Pass	
				38	18.23	3.10	21.33	<=23	Pass	
			74	17.64	3.10	20.74	<=23	Pass		
	36		0	16.83	3.10	19.93	<=23	Pass		
			18	17.2	3.10	20.3	<=23	Pass		
			39	16.49	3.10	19.59	<=23	Pass		
	75		0	18.33	3.10	21.43	<=23	Pass		
	3692.5		1	0	19.25	3.10	22.35	<=23	Pass	
				38	18.55	3.10	21.65	<=23	Pass	
74				19.25	3.10	22.35	<=23	Pass		
36			0	18.36	3.10	21.46	<=23	Pass		
			18	17.35	3.10	20.45	<=23	Pass		
			39	17.55	3.10	20.65	<=23	Pass		
75			0	18.88	3.10	21.98	<=23	Pass		
64QAM			3557.5	1	0	15.65	3.10	18.75	<=23	Pass
					38	15.46	3.10	18.56	<=23	Pass
	74				14.88	3.10	17.98	<=23	Pass	
	36	0		14.39	3.10	17.49	<=23	Pass		
		18		14.64	3.10	17.74	<=23	Pass		
		39		14.78	3.10	17.88	<=23	Pass		
	75	0		15.56	3.10	18.66	<=23	Pass		



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256QAM	3625	1	0	17.32	3.10	20.42	<=23	Pass	
			38	17.36	3.10	20.46	<=23	Pass	
			74	17.77	3.10	20.87	<=23	Pass	
		36	0	16.34	3.10	19.44	<=23	Pass	
			18	15.93	3.10	19.03	<=23	Pass	
			39	15.88	3.10	18.98	<=23	Pass	
		75	0	17.65	3.10	20.75	<=23	Pass	
		3692.5	1	0	17.63	3.10	20.73	<=23	Pass
				38	17.69	3.10	20.79	<=23	Pass
	74			17.41	3.10	20.51	<=23	Pass	
	36		0	16.22	3.10	19.32	<=23	Pass	
			18	16.86	3.10	19.96	<=23	Pass	
			39	16.63	3.10	19.73	<=23	Pass	
	75		0	18.31	3.10	21.41	<=23	Pass	
	3557.5		1	0	12.32	3.10	15.42	<=23	Pass
				38	12.93	3.10	16.03	<=23	Pass
		74		12.65	3.10	15.75	<=23	Pass	
		36	0	12.69	3.10	15.79	<=23	Pass	
18			12.64	3.10	15.74	<=23	Pass		
39			13.02	3.10	16.12	<=23	Pass		
75		0	13.64	3.10	16.74	<=23	Pass		
3625		1	0	14.32	3.10	17.42	<=23	Pass	
			38	14.66	3.10	17.76	<=23	Pass	
	74		13.61	3.10	16.71	<=23	Pass		
	36	0	14.57	3.10	17.67	<=23	Pass		
		18	14.32	3.10	17.42	<=23	Pass		
		39	14.39	3.10	17.49	<=23	Pass		
	75	0	15.55	3.10	18.65	<=23	Pass		
	3692.5	1	0	14.36	3.10	17.46	<=23	Pass	
			38	14.77	3.10	17.87	<=23	Pass	
74			15.61	3.10	18.71	<=23	Pass		
36		0	15.03	3.10	18.13	<=23	Pass		
		18	14.49	3.10	17.59	<=23	Pass		
		39	15.06	3.10	18.16	<=23	Pass		
75		0	16.03	3.10	19.13	<=23	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

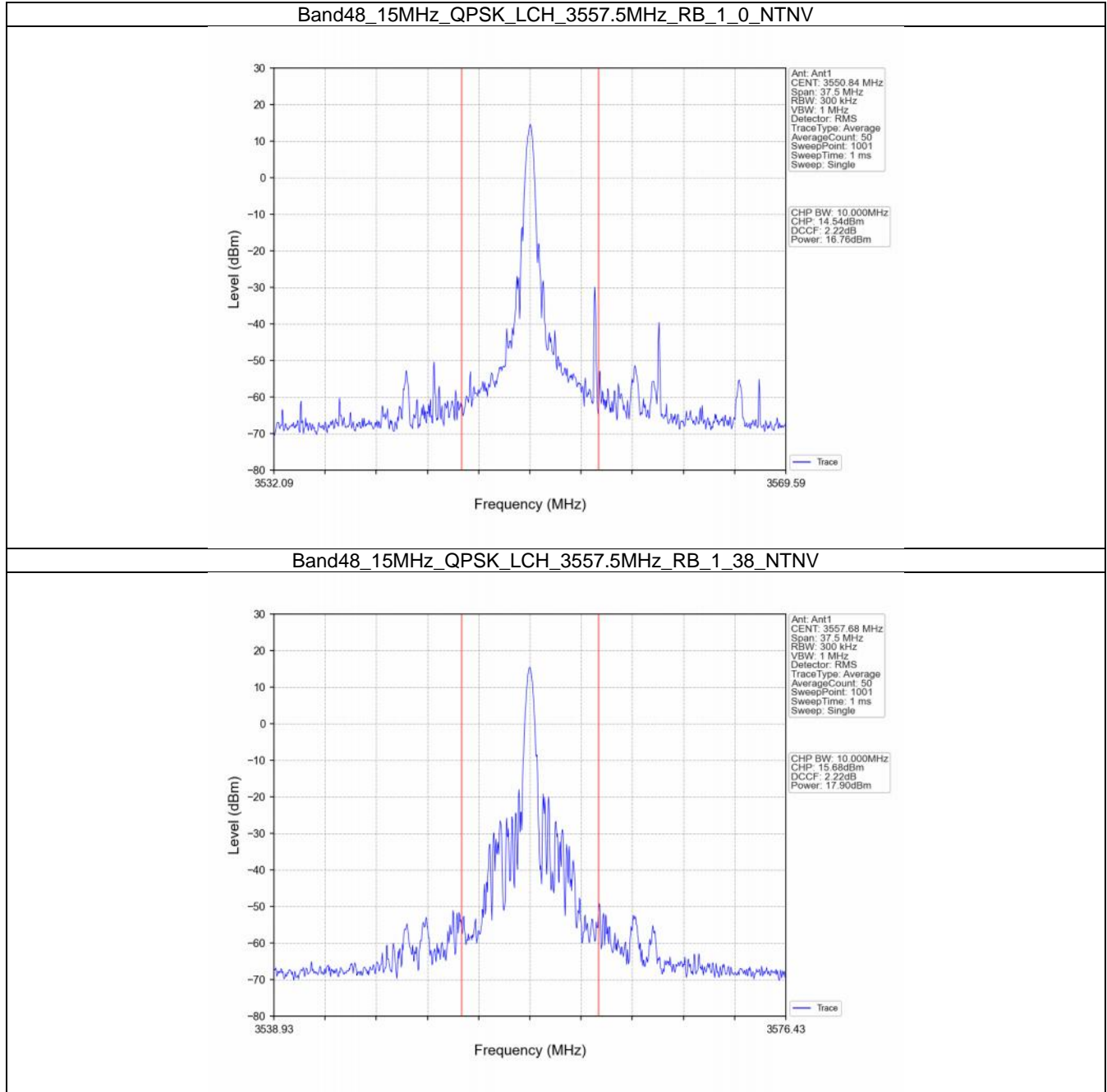


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2.3.2 Test Graph

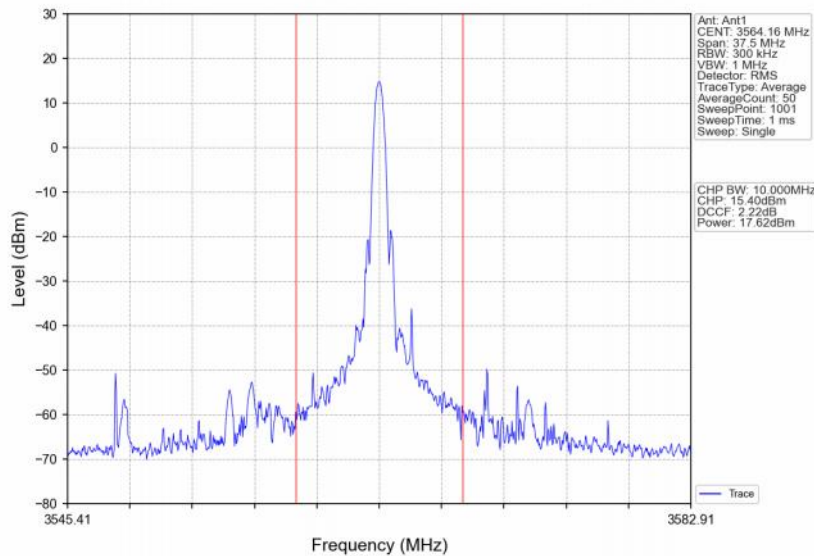


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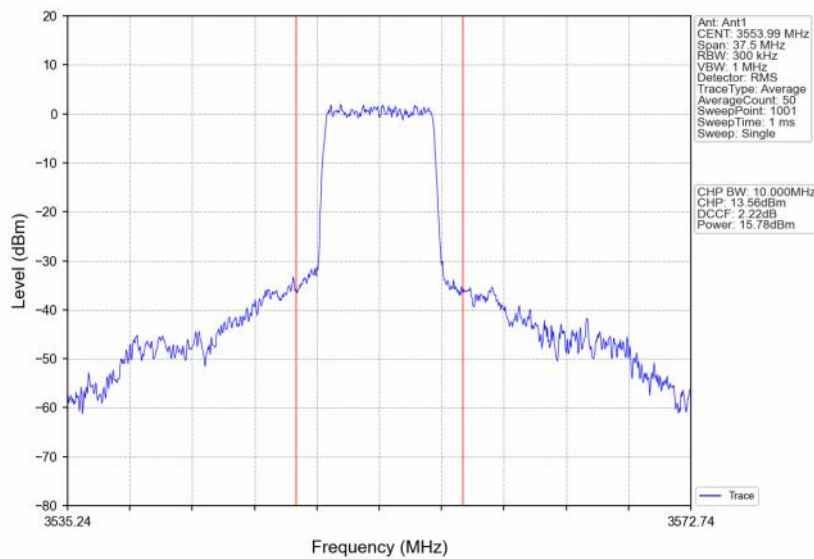
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Band48_15MHz_QPSK_LCH_3557.5MHz_RB_1_74_NTNV



Band48_15MHz_QPSK_LCH_3557.5MHz_RB_36_0_NTNV

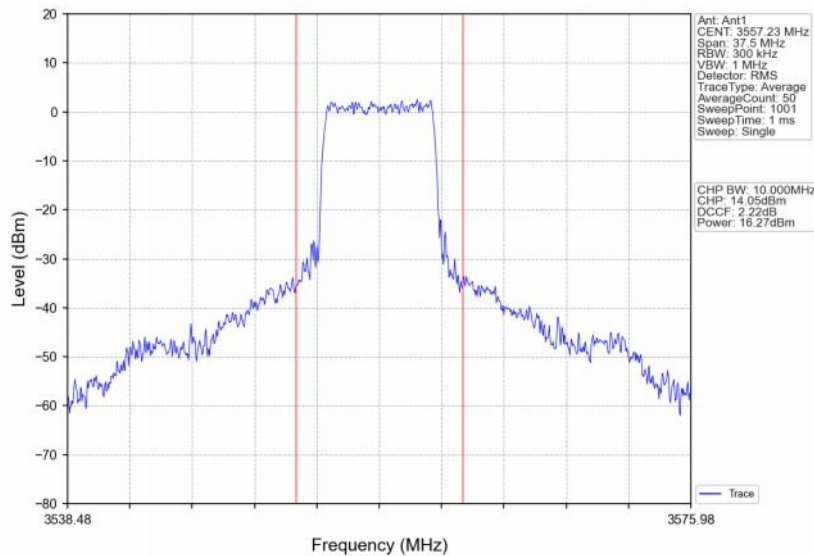


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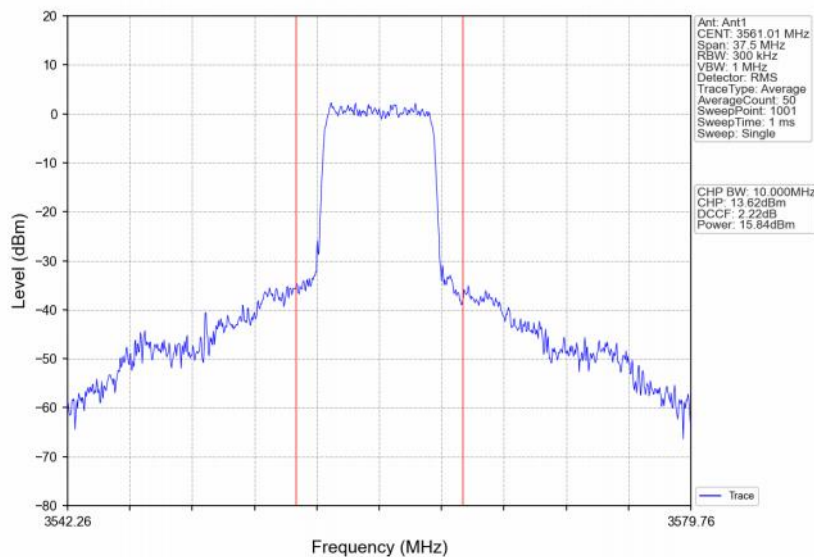
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Band48_15MHz_QPSK_LCH_3557.5MHz_RB_36_18_NTNV



Band48_15MHz_QPSK_LCH_3557.5MHz_RB_36_39_NTNV

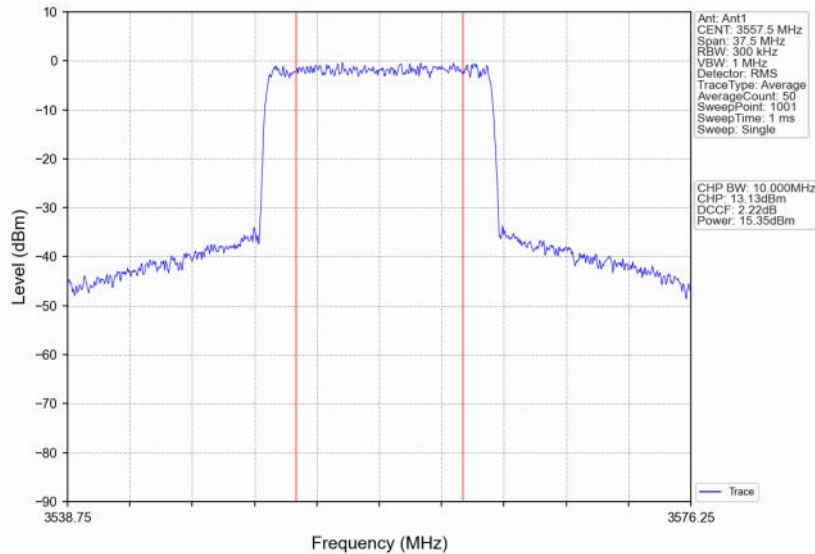


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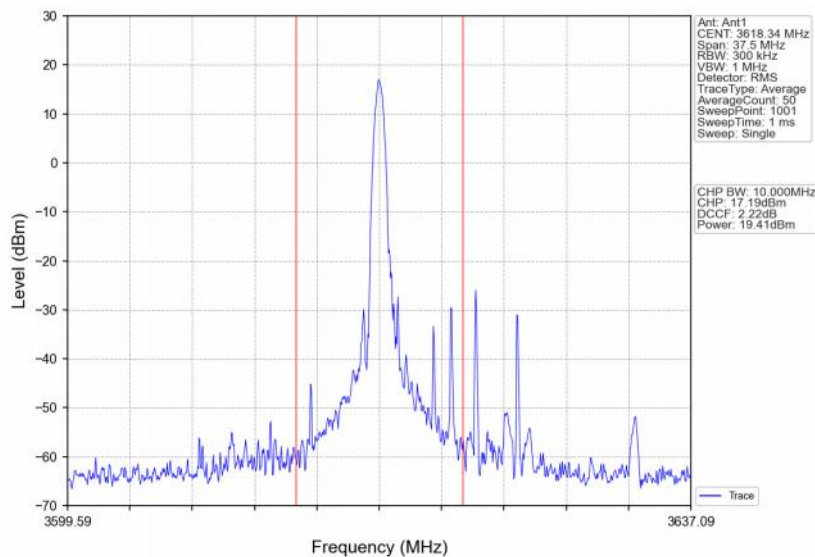
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Band48_15MHz_QPSK_LCH_3557.5MHz_RB_75_0_NTNV



Band48_15MHz_QPSK_MCH_3625MHz_RB_1_0_NTNV

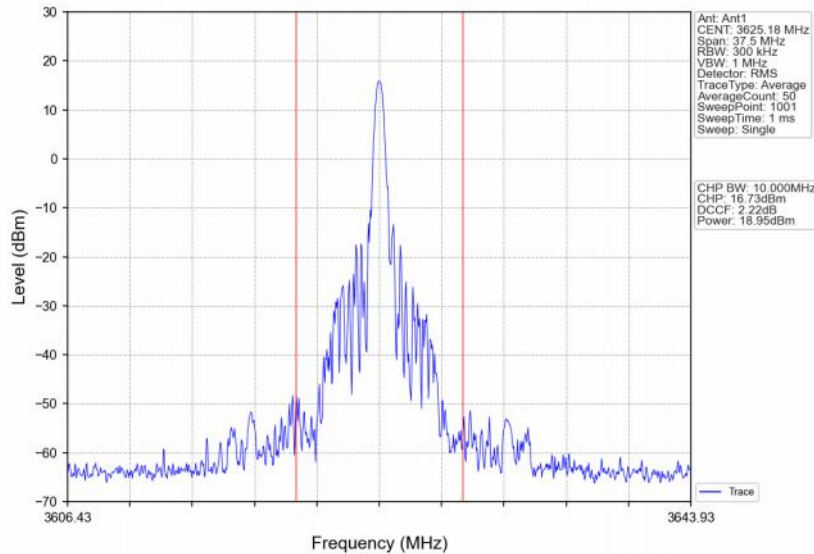


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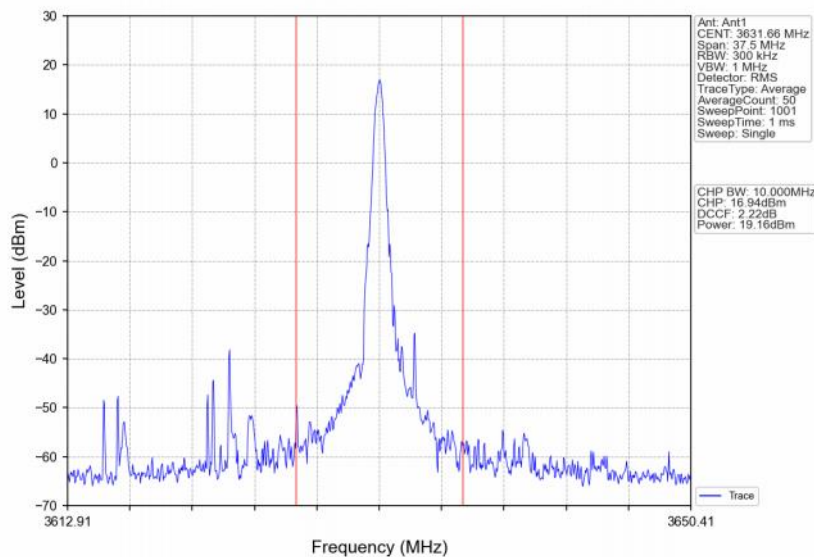
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Band48_15MHz_QPSK_MCH_3625MHz_RB_1_38_NTNV



Band48_15MHz_QPSK_MCH_3625MHz_RB_1_74_NTNV

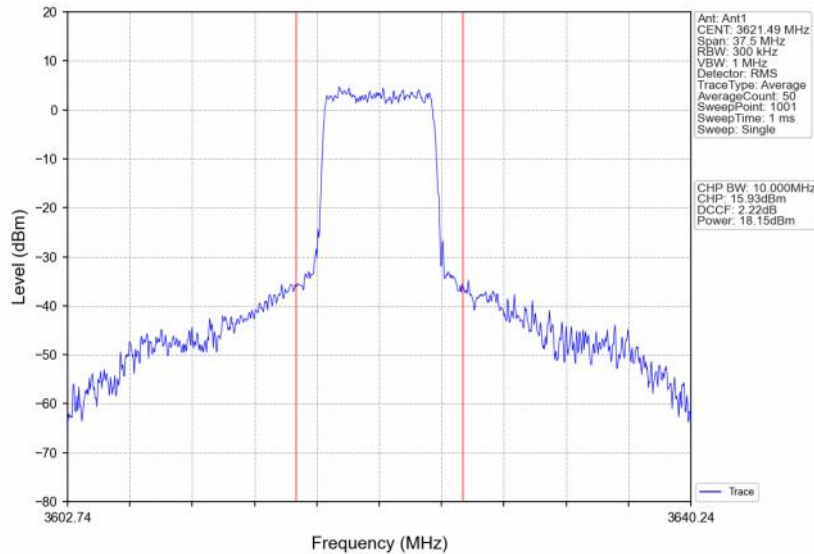


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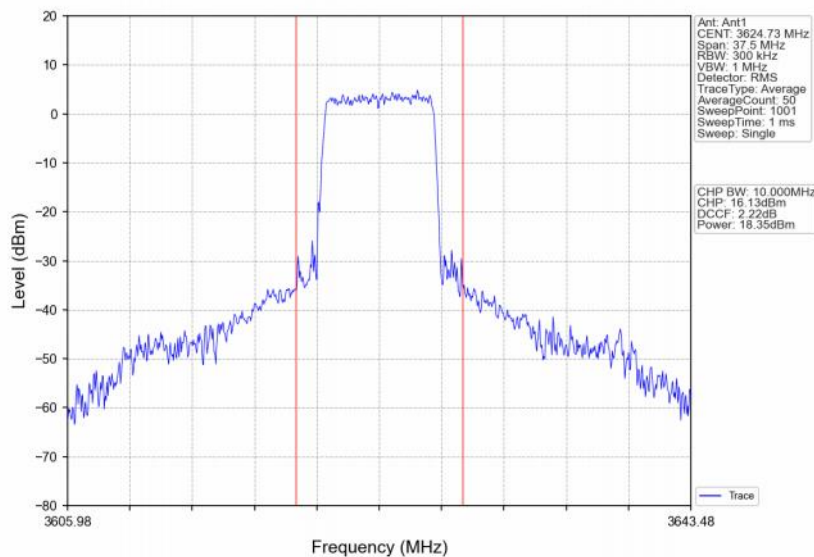
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Band48_15MHz_QPSK_MCH_3625MHz_RB_36_0_NTNV



Band48_15MHz_QPSK_MCH_3625MHz_RB_36_18_NTNV



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