

# LTE B48

## 1. Effective (Isotropic) Radiated Power Output Data

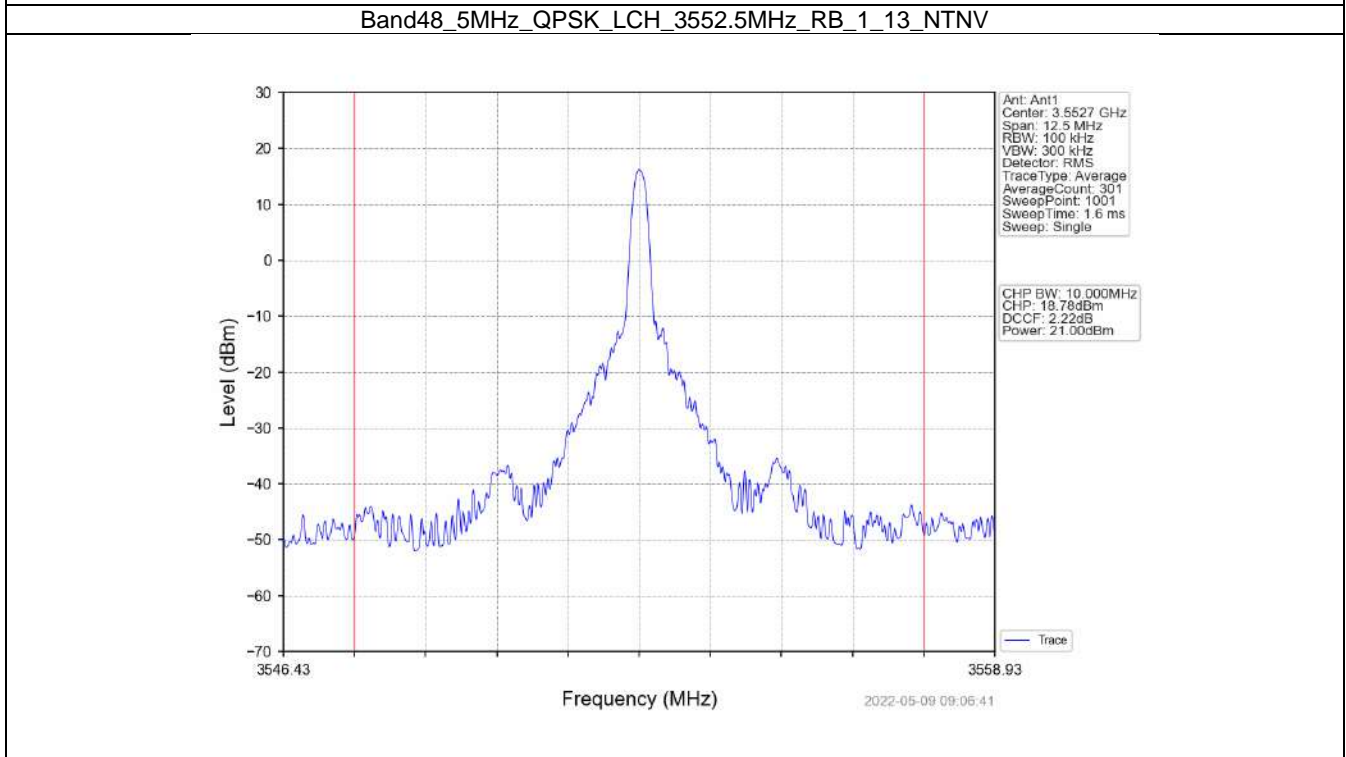
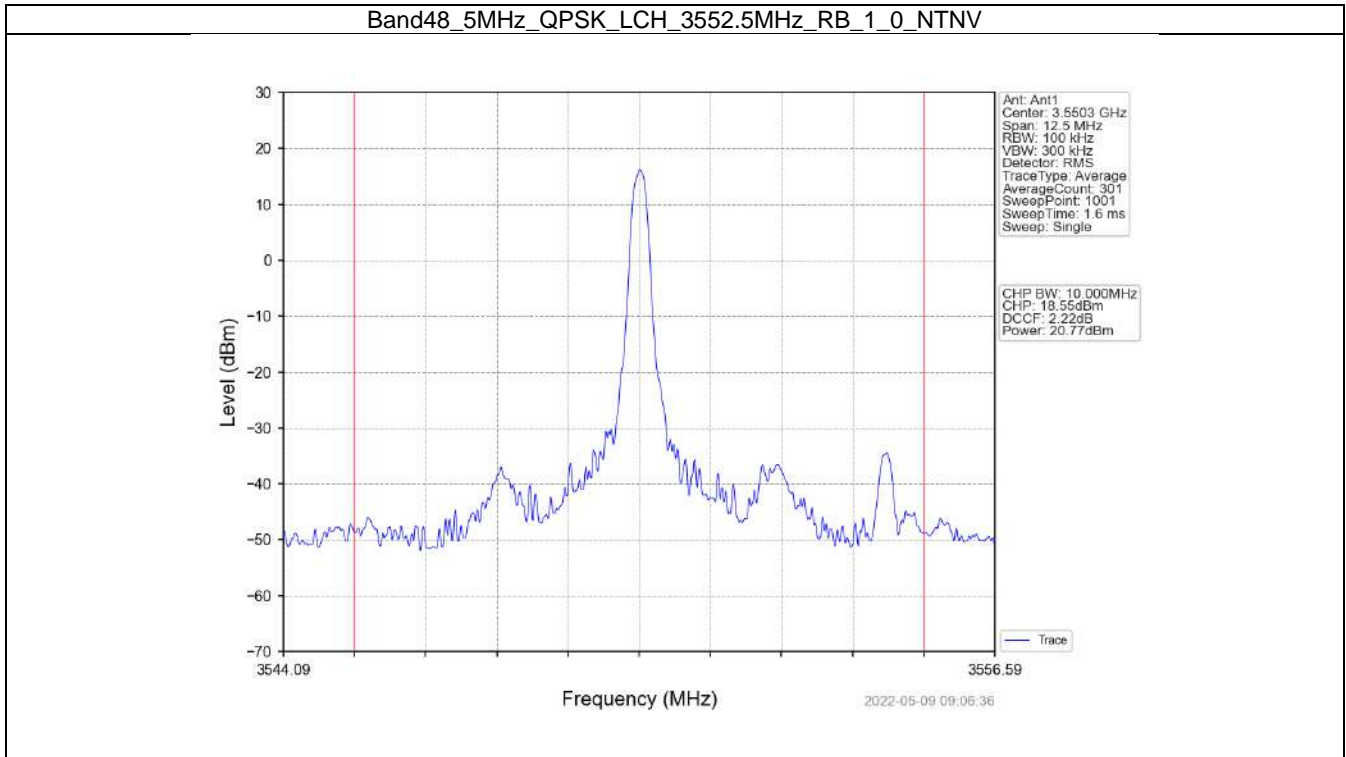
### 1.1 B48\_5MHz\_EIRP

#### 1.1.1 Test Result

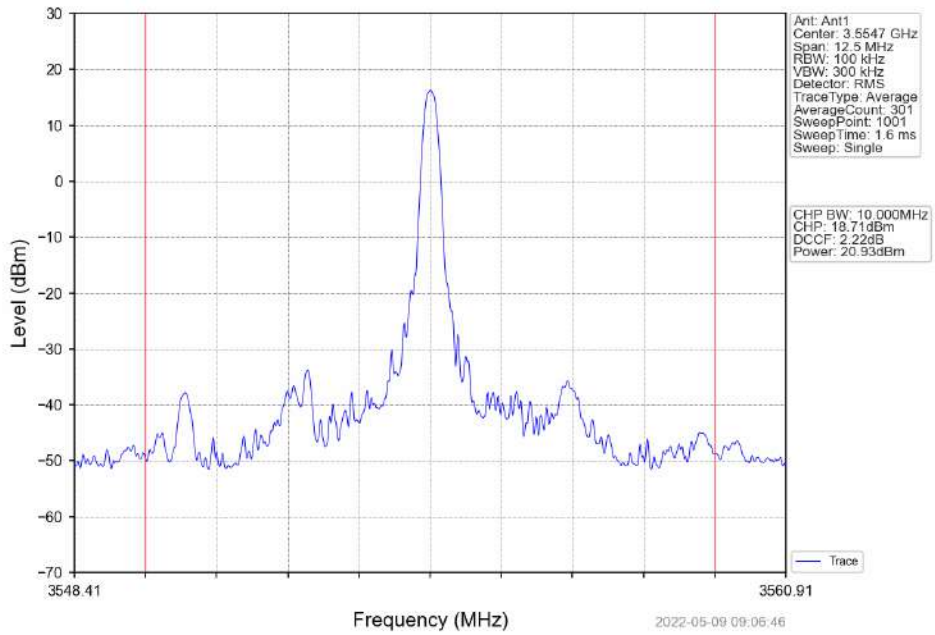
Band: 48 / Bandwidth: 5MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dbi)	EIRP (dBm/10MHz)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3552.5	1	0	20.77	-0.13	20.64	<=23	Pass		
			13	21.00	-0.13	20.87	<=23	Pass		
			24	20.93	-0.13	20.80	<=23	Pass		
		12	0	20.31	-0.13	20.18	<=23	Pass		
			6	19.88	-0.13	19.75	<=23	Pass		
			13	20.23	-0.13	20.10	<=23	Pass		
		25	0	19.98	-0.13	19.85	<=23	Pass		
		3625	1	0	21.27	-0.13	21.14	<=23	Pass	
				13	21.06	-0.13	20.93	<=23	Pass	
	24			21.41	-0.13	21.28	<=23	Pass		
	12		0	19.65	-0.13	19.52	<=23	Pass		
			6	19.80	-0.13	19.67	<=23	Pass		
			13	21.07	-0.13	20.94	<=23	Pass		
	25		0	19.70	-0.13	19.57	<=23	Pass		
	3697.5		1	0	22.47	-0.13	22.34	<=23	Pass	
				13	21.74	-0.13	21.61	<=23	Pass	
		24		21.60	-0.13	21.47	<=23	Pass		
		12	0	20.78	-0.13	20.65	<=23	Pass		
			6	21.35	-0.13	21.22	<=23	Pass		
			13	20.44	-0.13	20.31	<=23	Pass		
		25	0	21.54	-0.13	21.41	<=23	Pass		
		16QAM	3552.5	1	0	20.01	-0.13	19.88	<=23	Pass
					13	19.83	-0.13	19.70	<=23	Pass
	24				19.89	-0.13	19.76	<=23	Pass	
12	0			18.82	-0.13	18.69	<=23	Pass		
	6			18.98	-0.13	18.85	<=23	Pass		
	13			19.06	-0.13	18.93	<=23	Pass		
25	0			19.03	-0.13	18.90	<=23	Pass		
3625	1			0	20.40	-0.13	20.27	<=23	Pass	
				13	20.41	-0.13	20.28	<=23	Pass	
			24	19.44	-0.13	19.31	<=23	Pass		
	12		0	18.71	-0.13	18.58	<=23	Pass		
			6	19.47	-0.13	19.34	<=23	Pass		
			13	19.41	-0.13	19.28	<=23	Pass		
	25		0	18.47	-0.13	18.34	<=23	Pass		
	3697.5		1	0	20.58	-0.13	20.45	<=23	Pass	
				13	20.82	-0.13	20.69	<=23	Pass	
24				19.85	-0.13	19.72	<=23	Pass		
12			0	19.89	-0.13	19.76	<=23	Pass		
			6	19.74	-0.13	19.61	<=23	Pass		
			13	20.02	-0.13	19.89	<=23	Pass		
25			0	19.85	-0.13	19.72	<=23	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

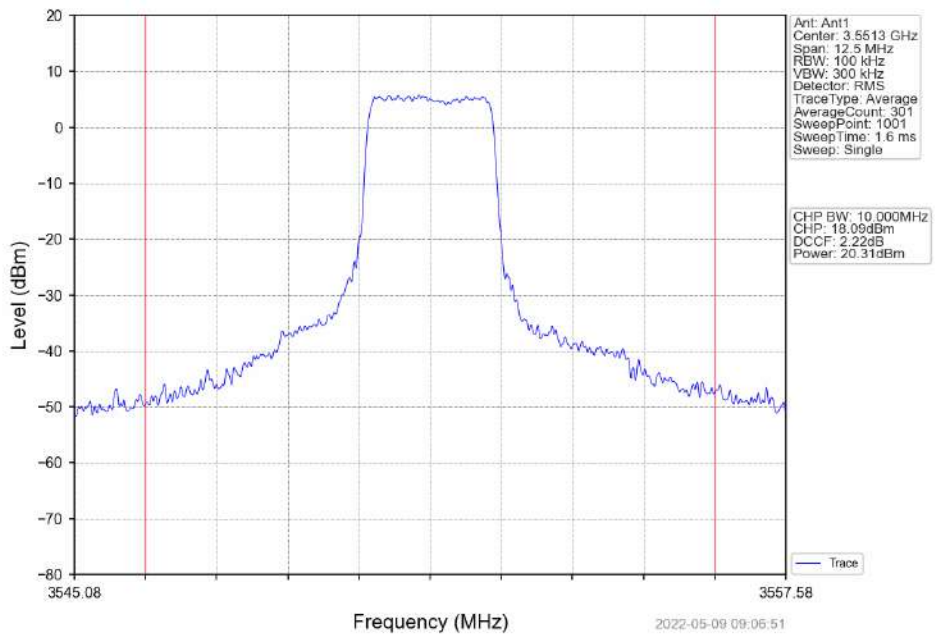
### 1.1.2 Test Graph



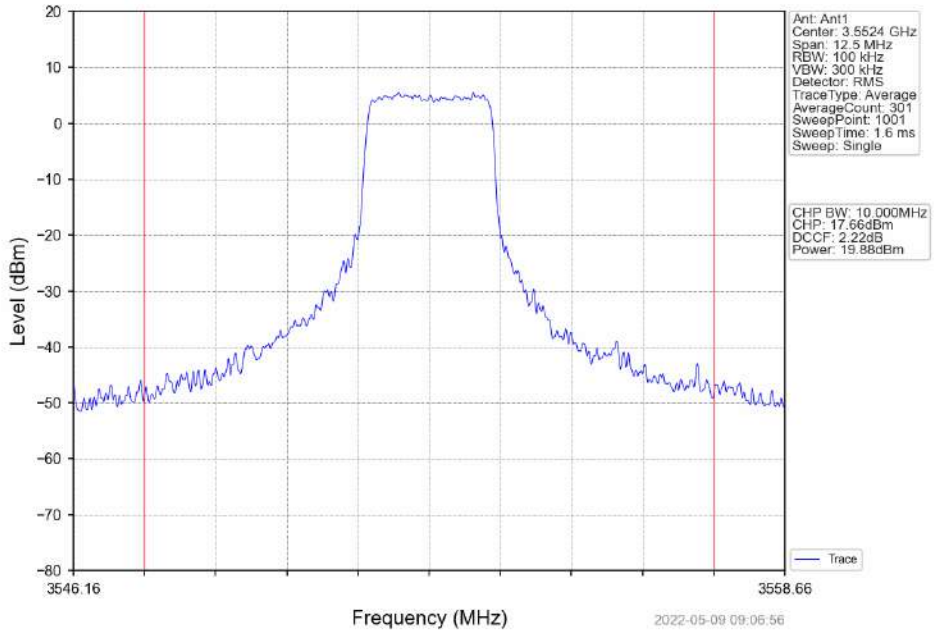
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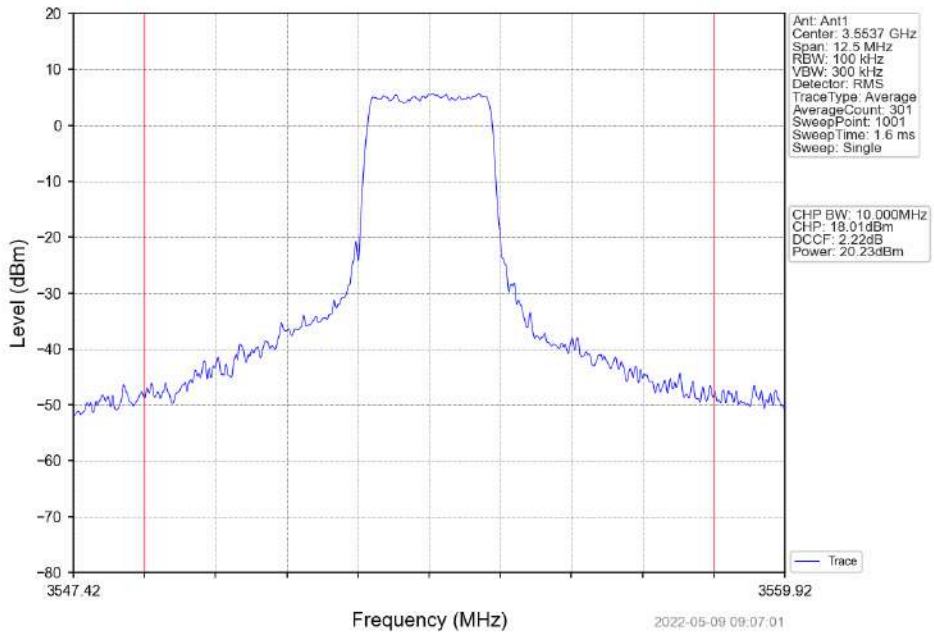
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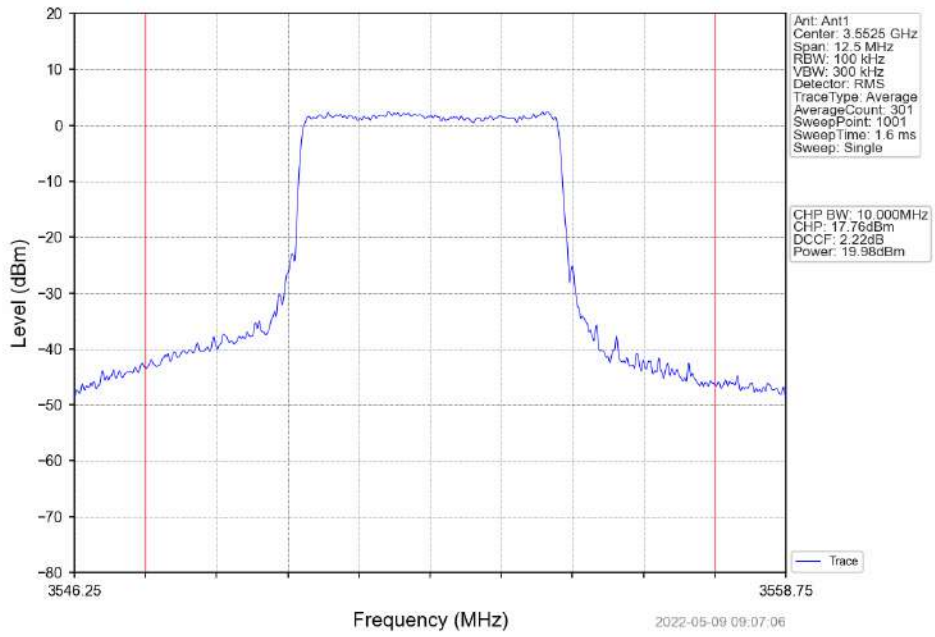
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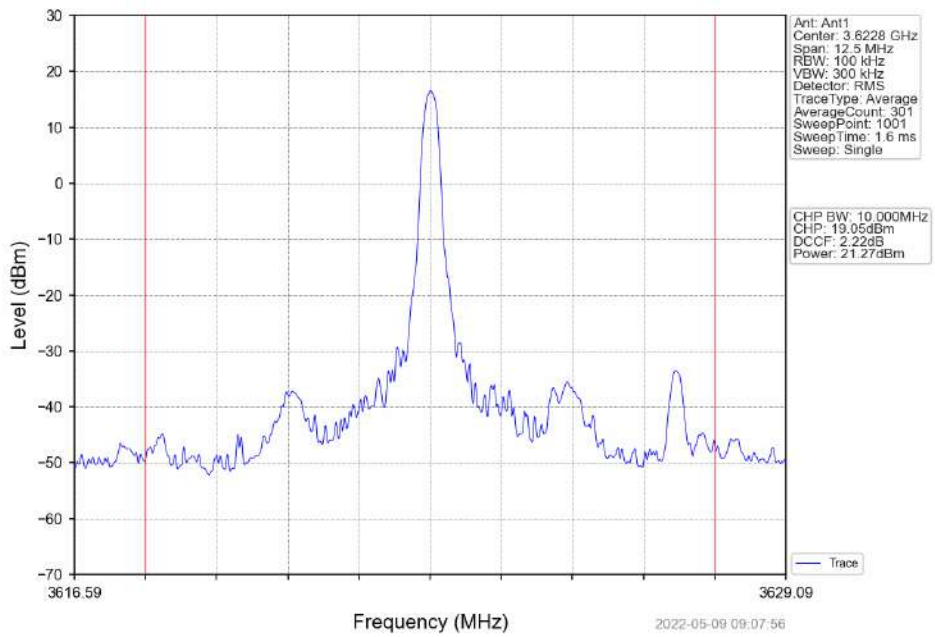
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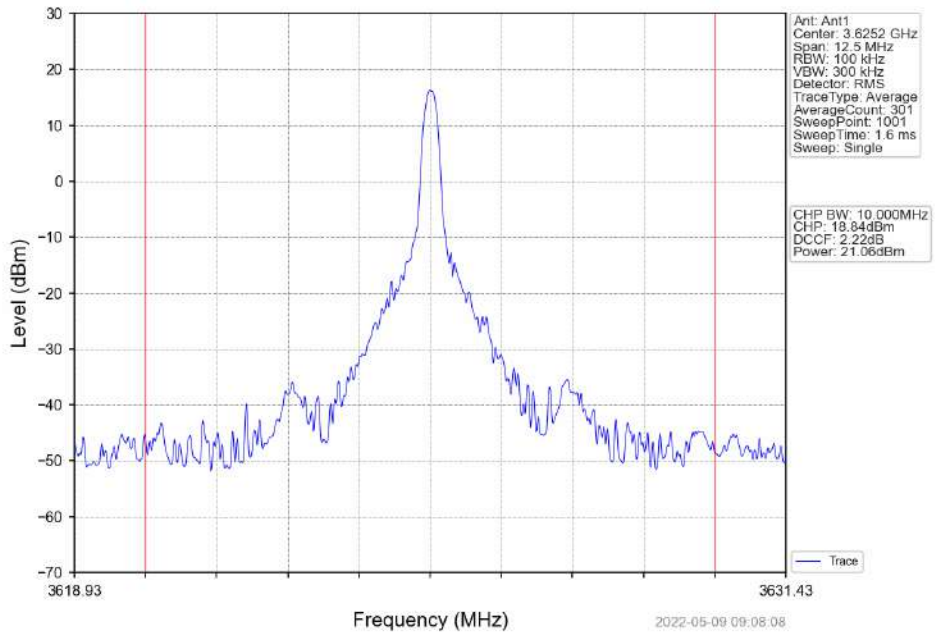
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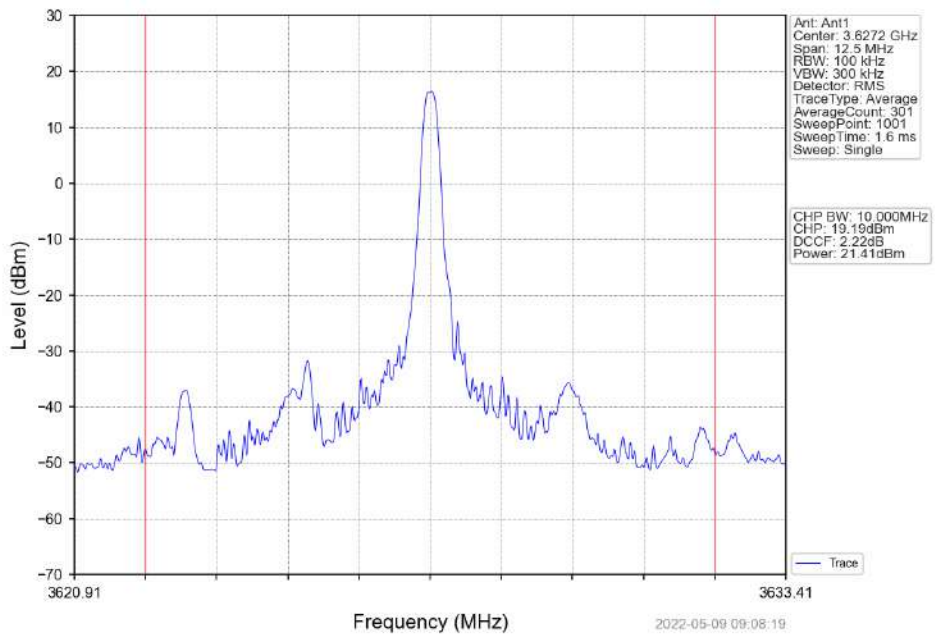
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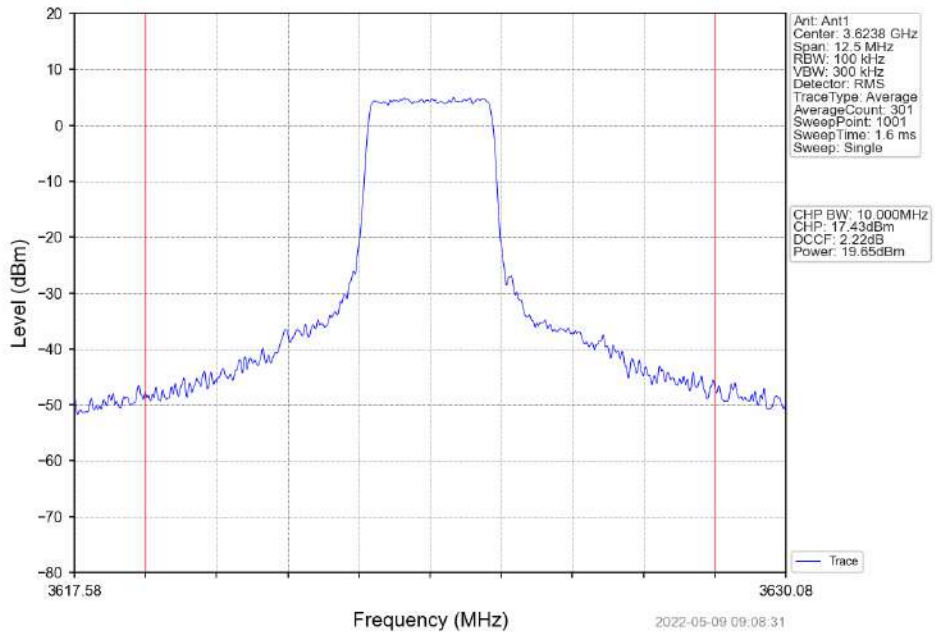
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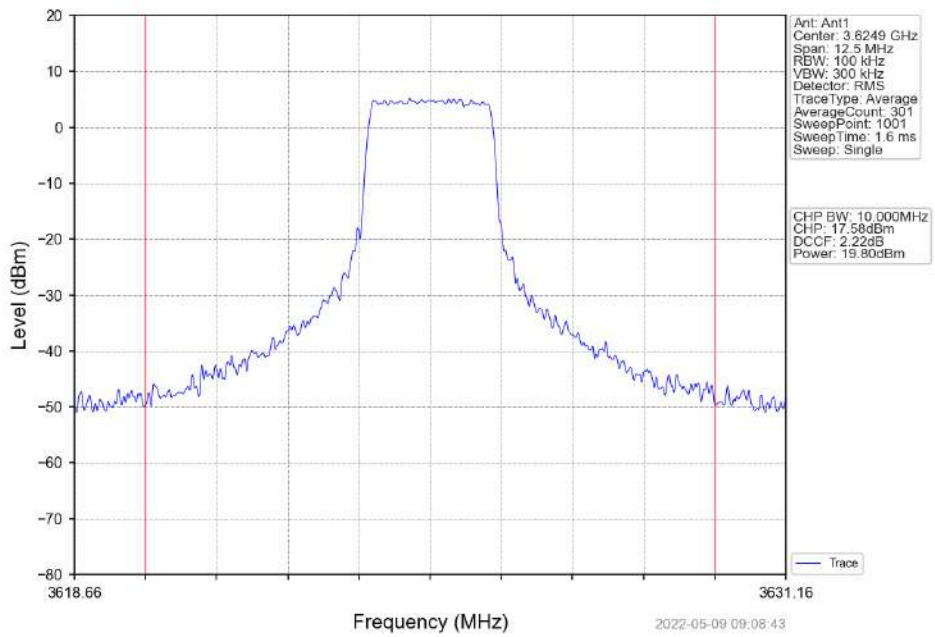
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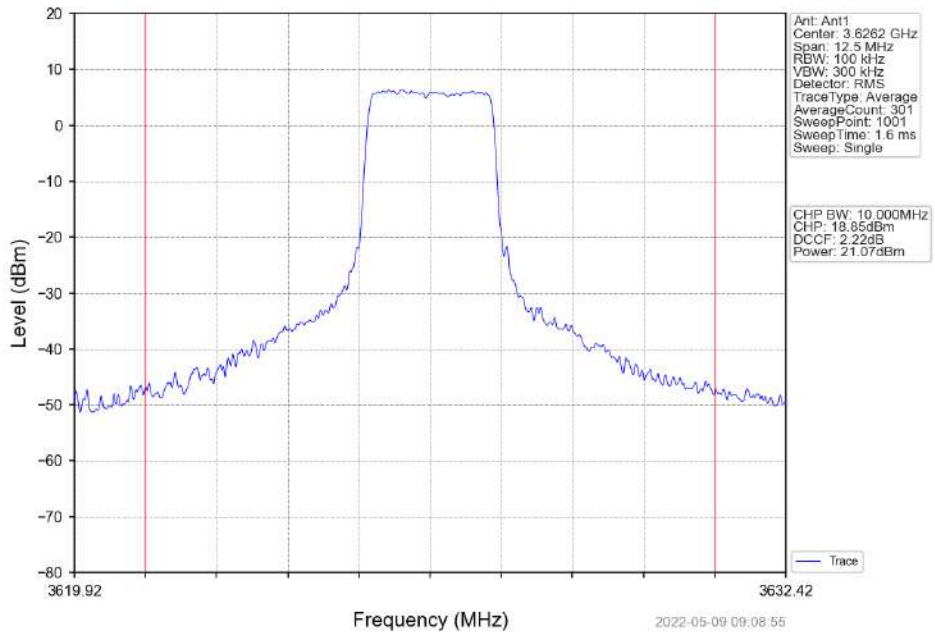
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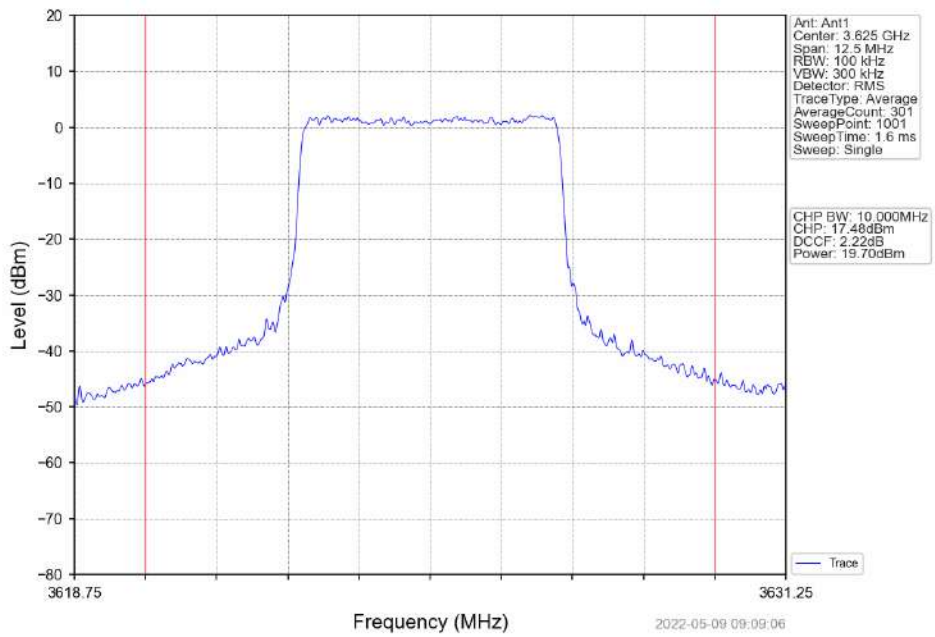
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Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_12\_13\_NTNV

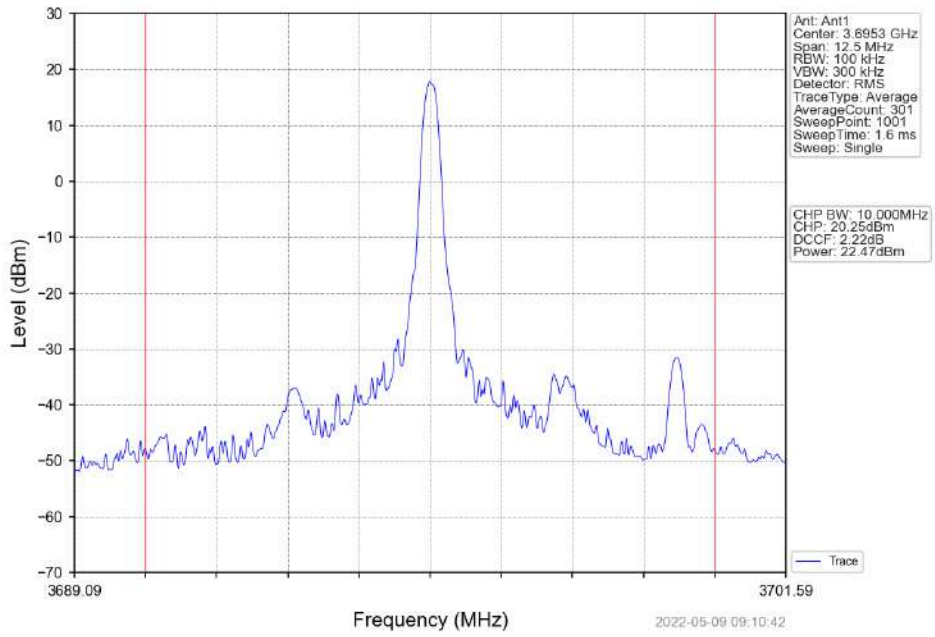


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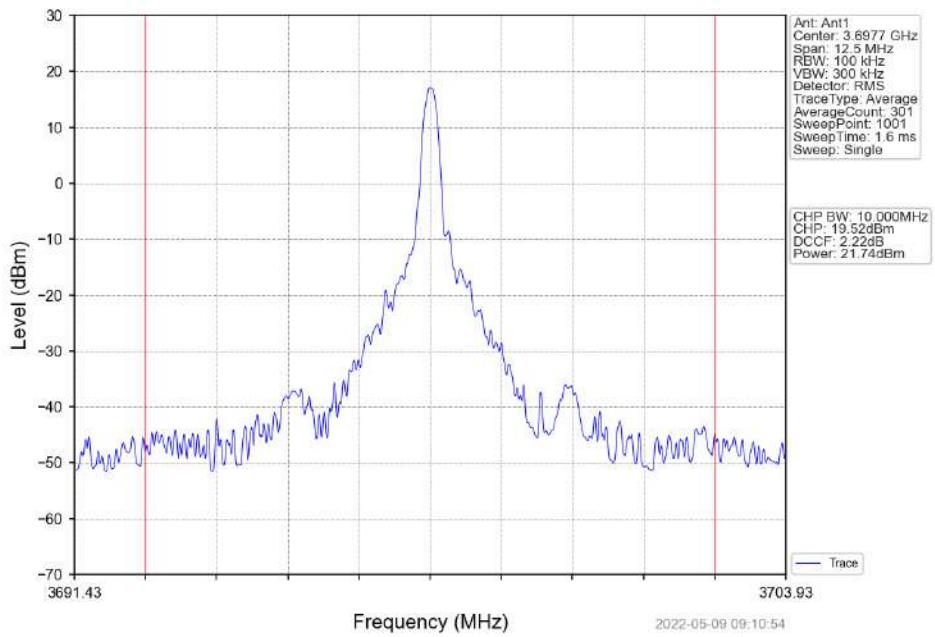




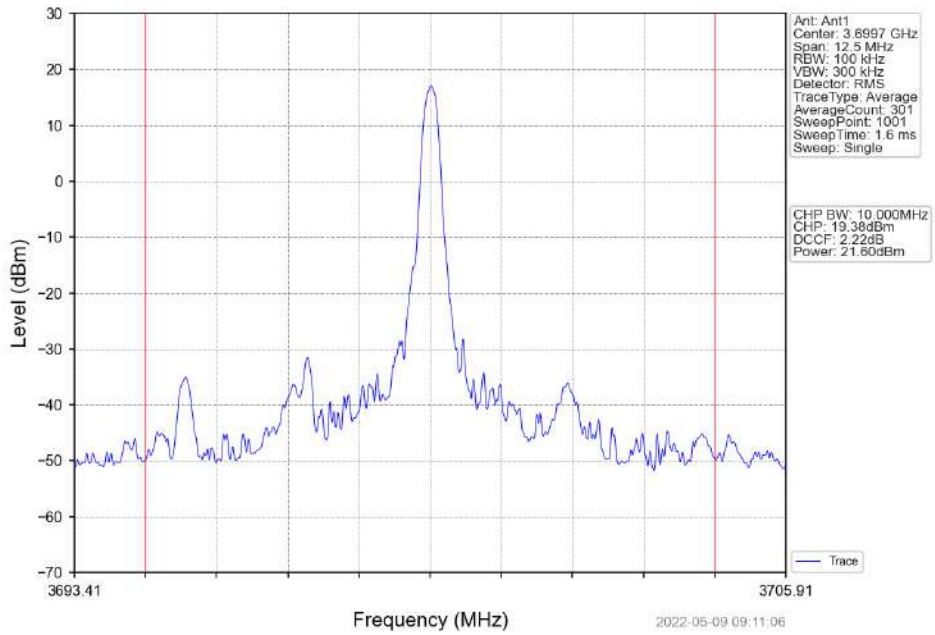
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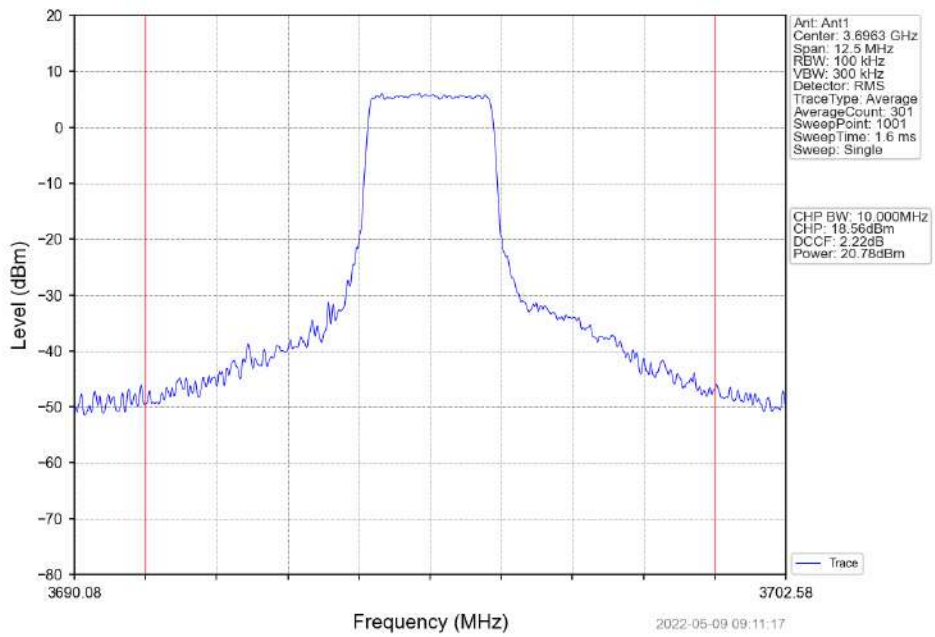
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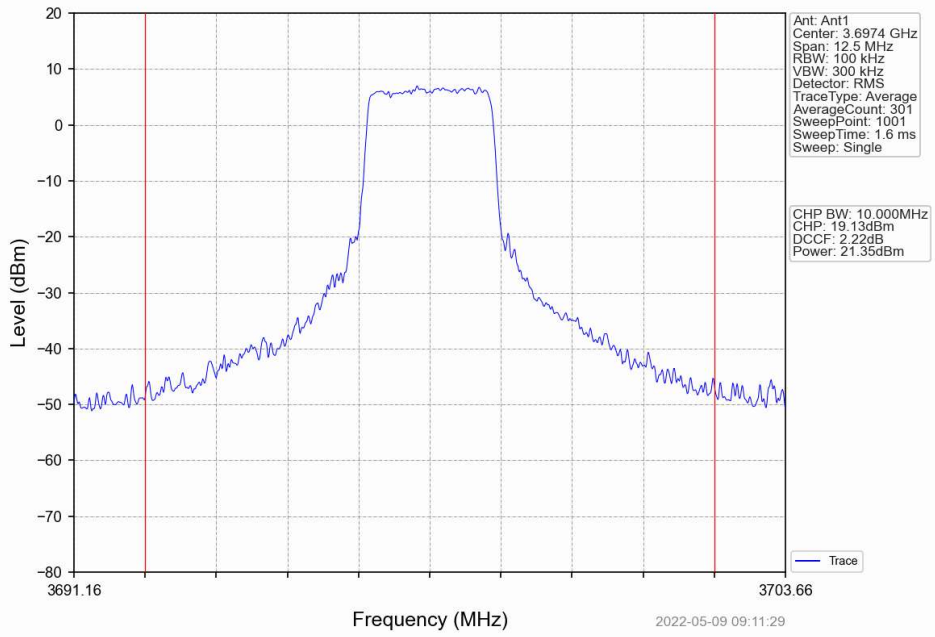
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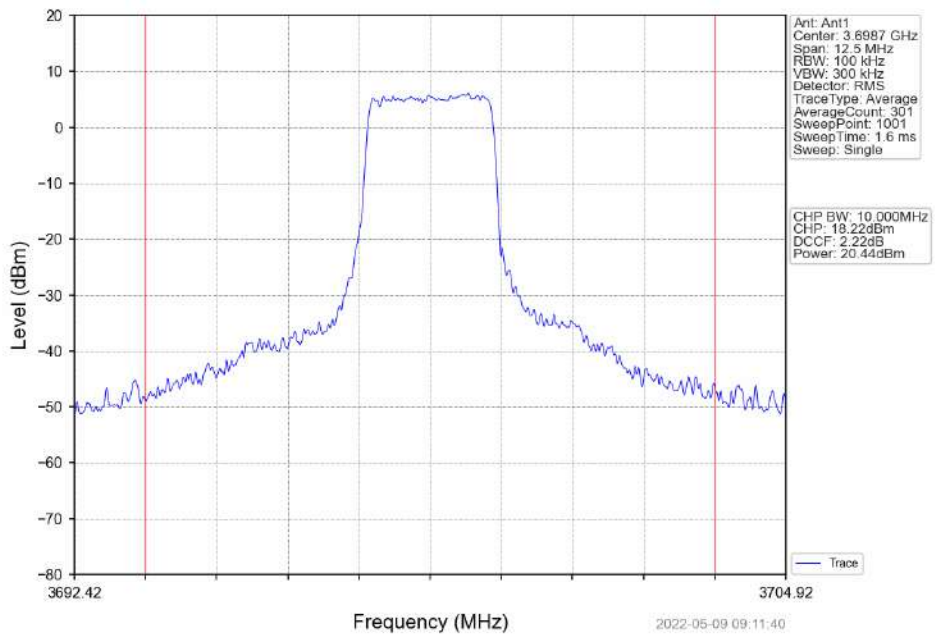
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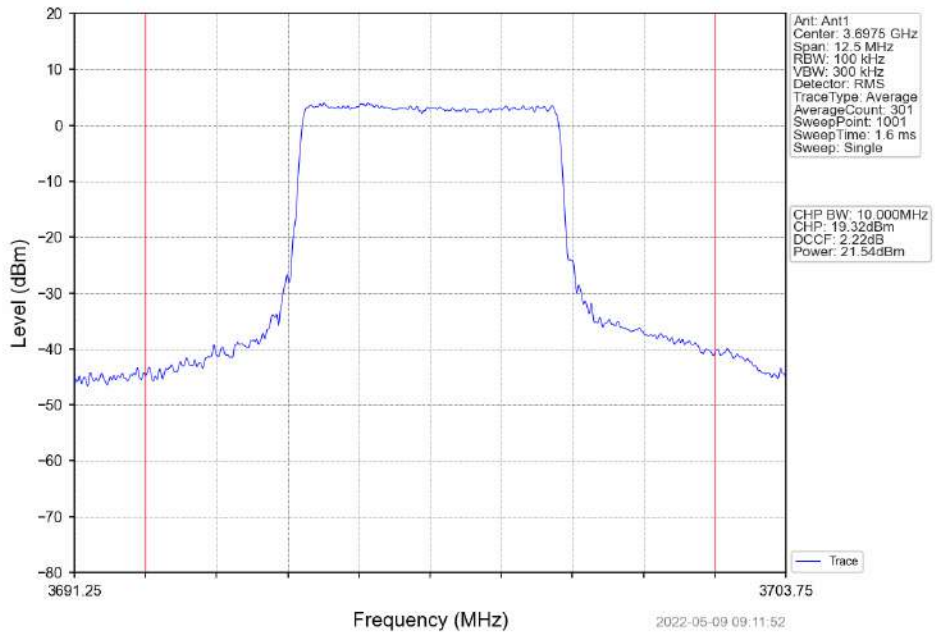
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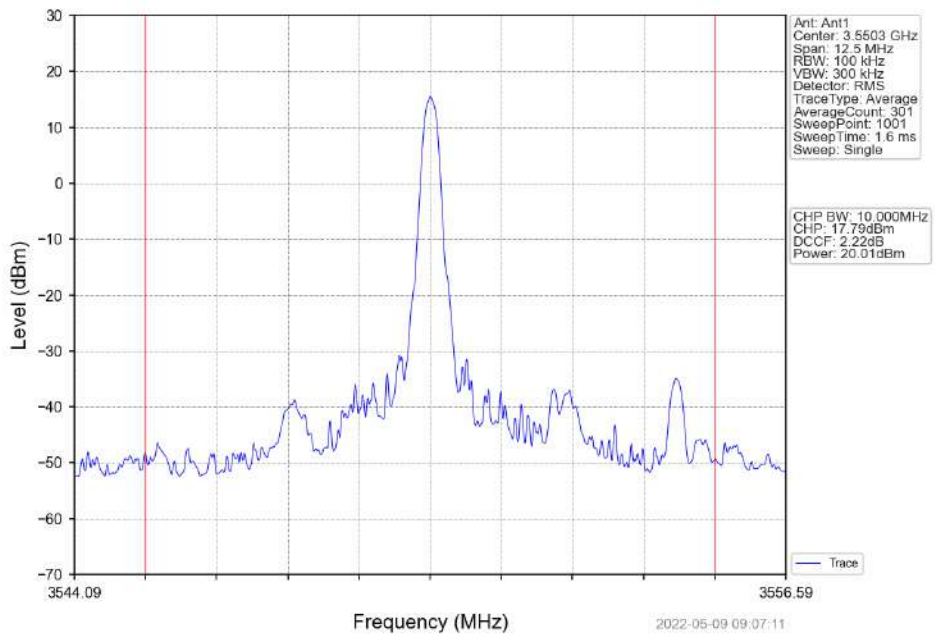
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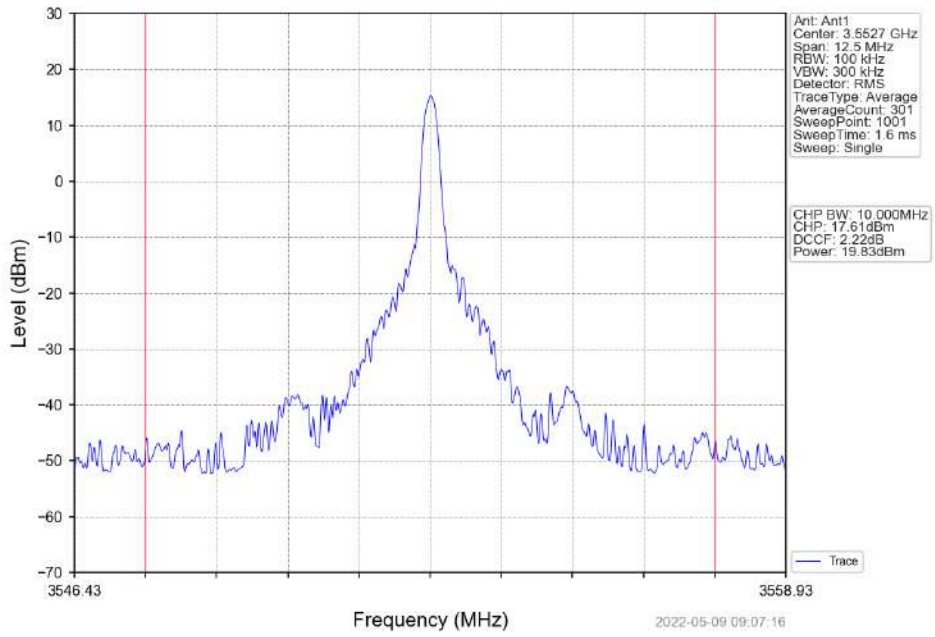
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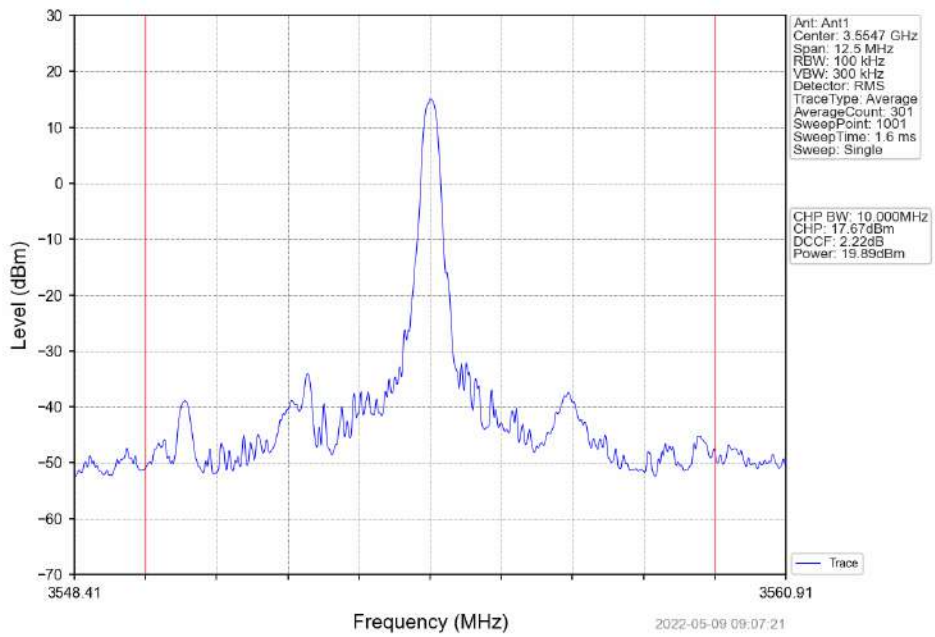
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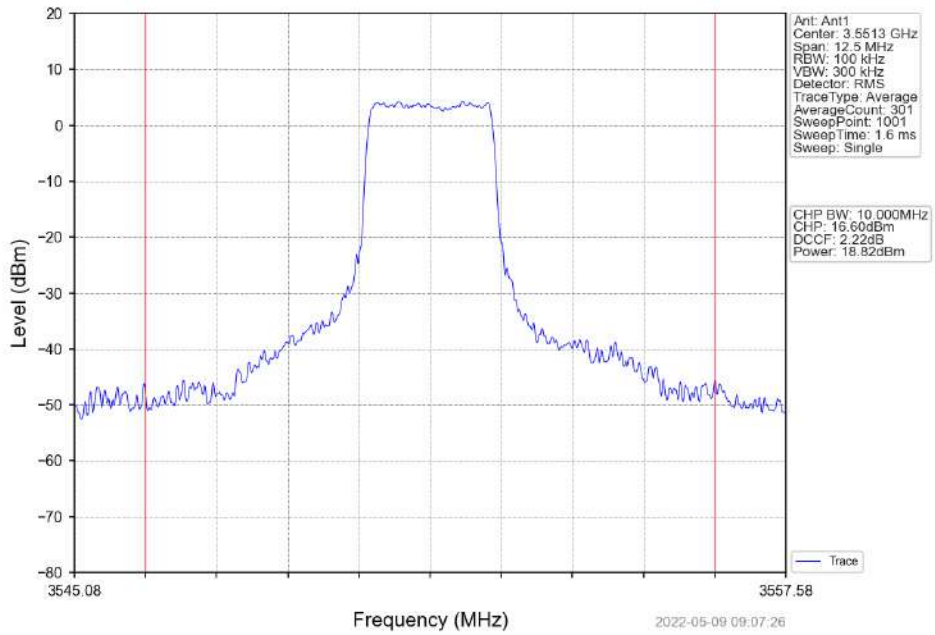
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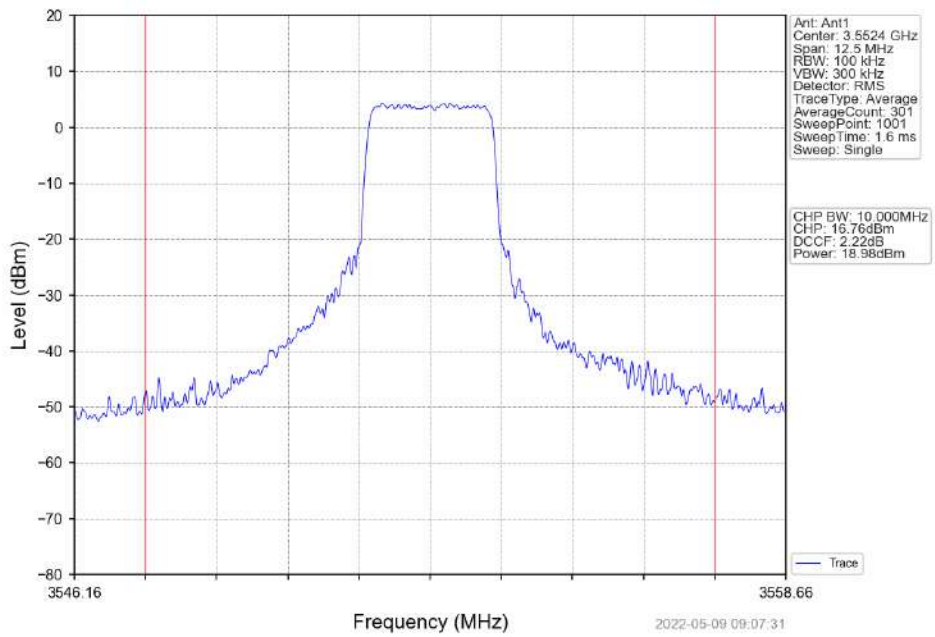
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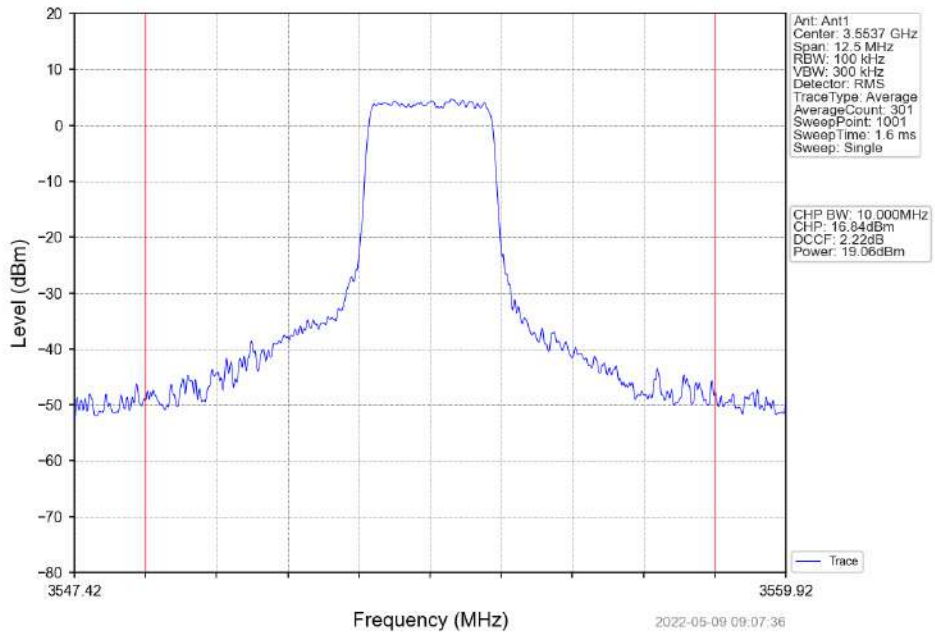
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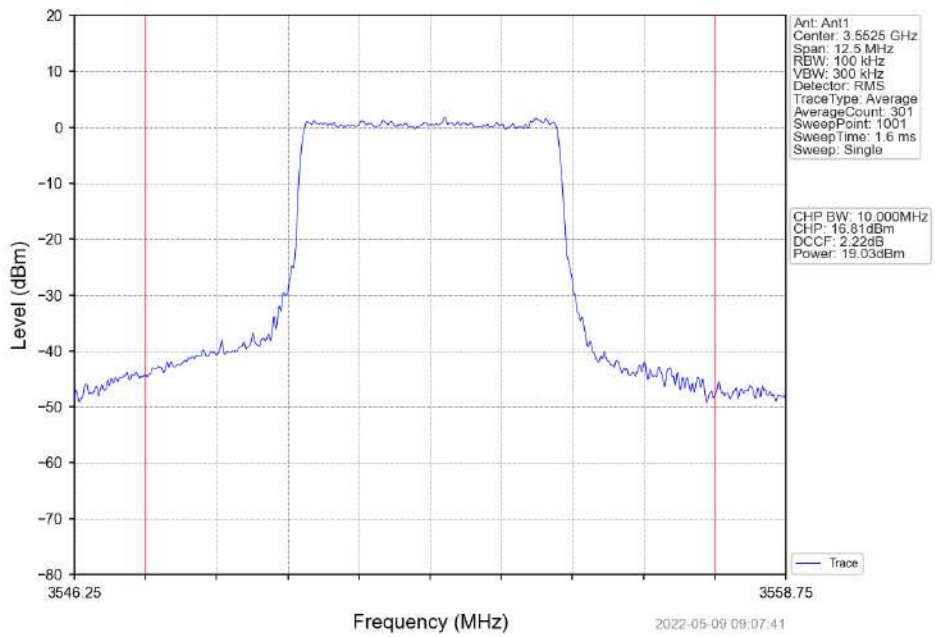
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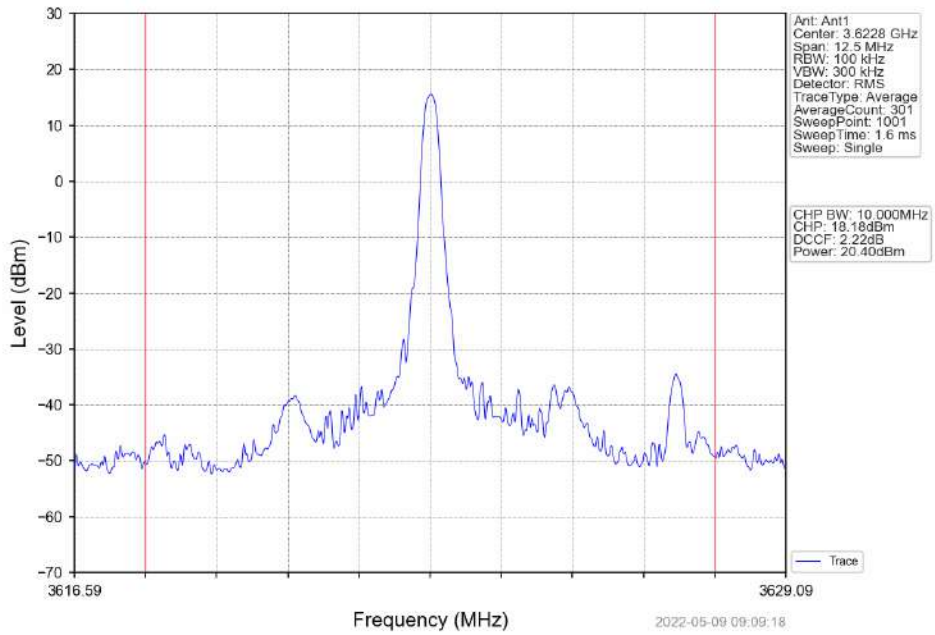
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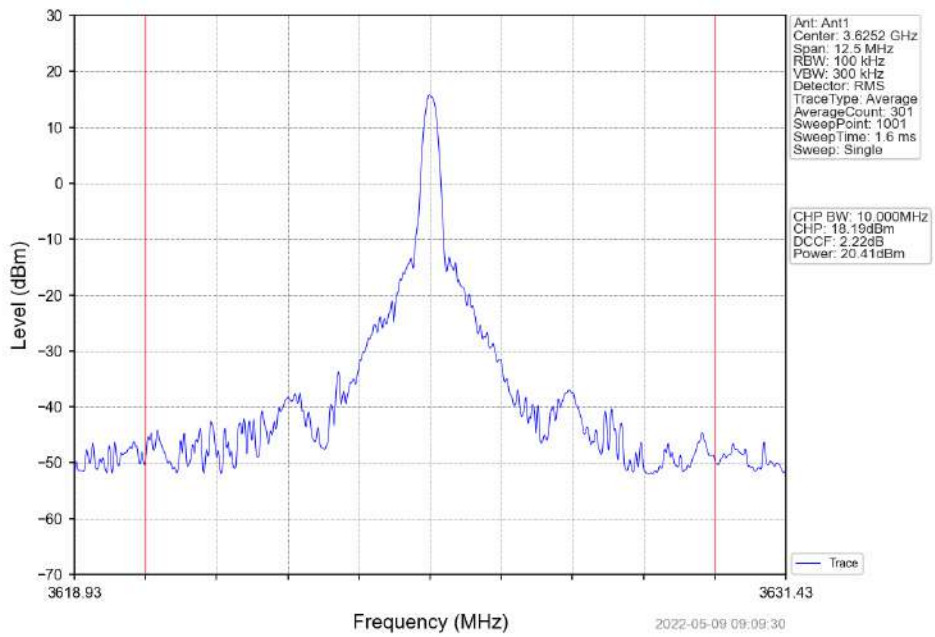
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Band48\_5MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV

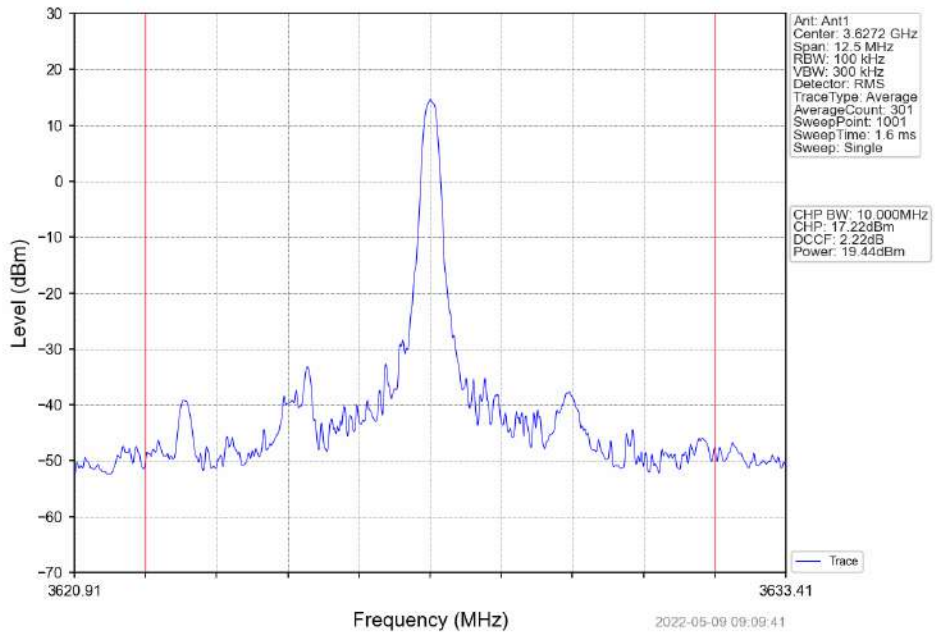


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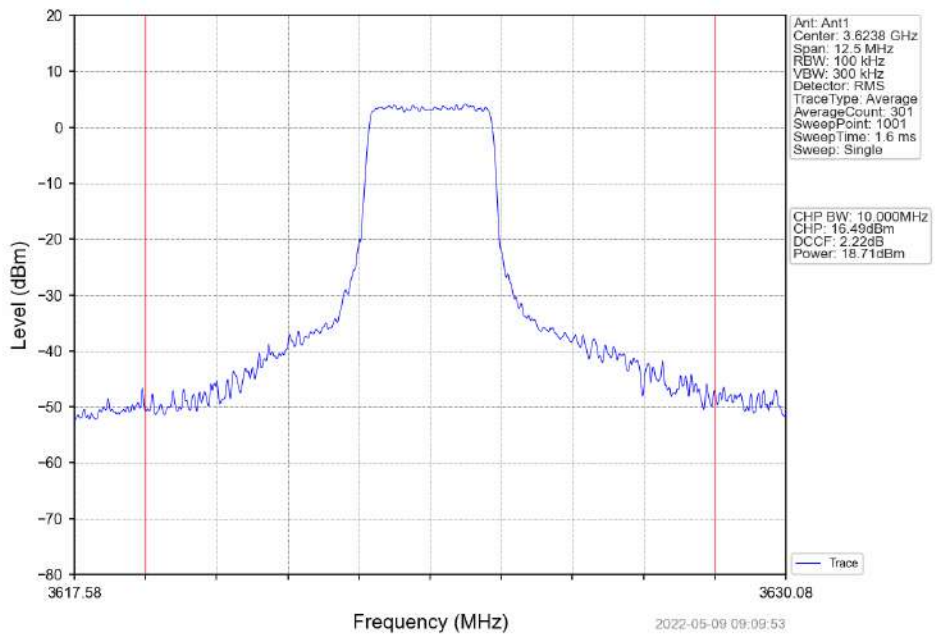




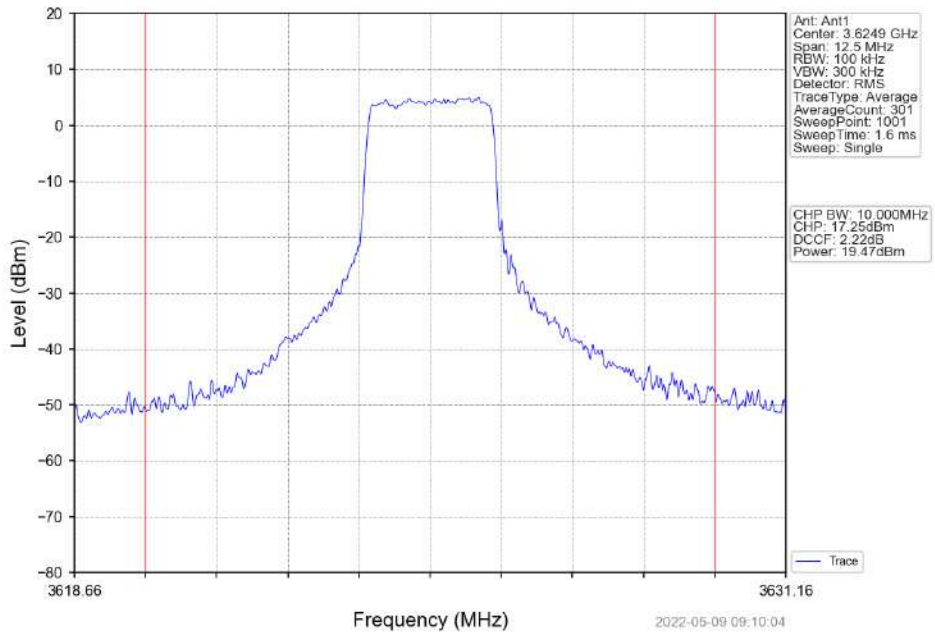
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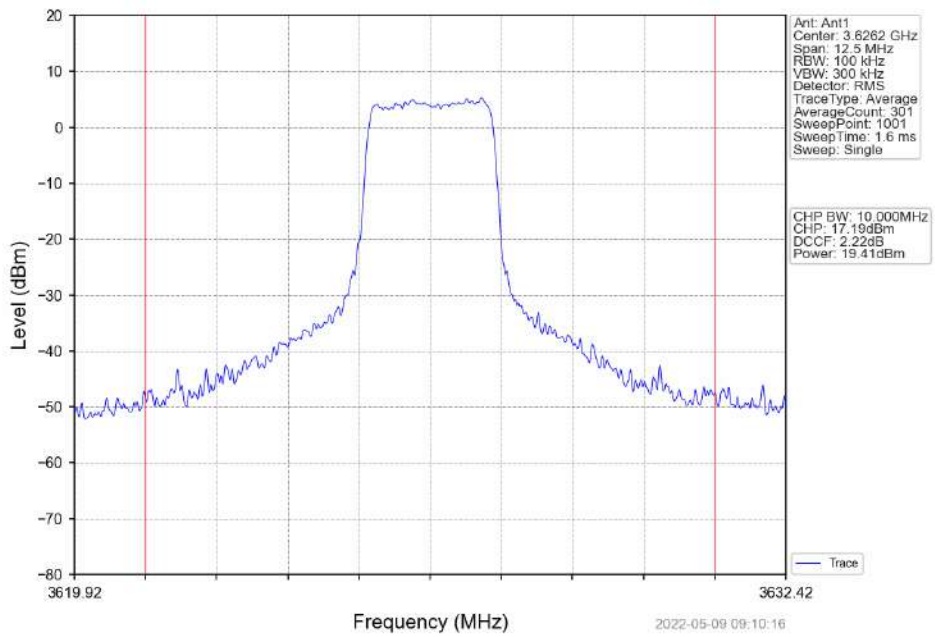
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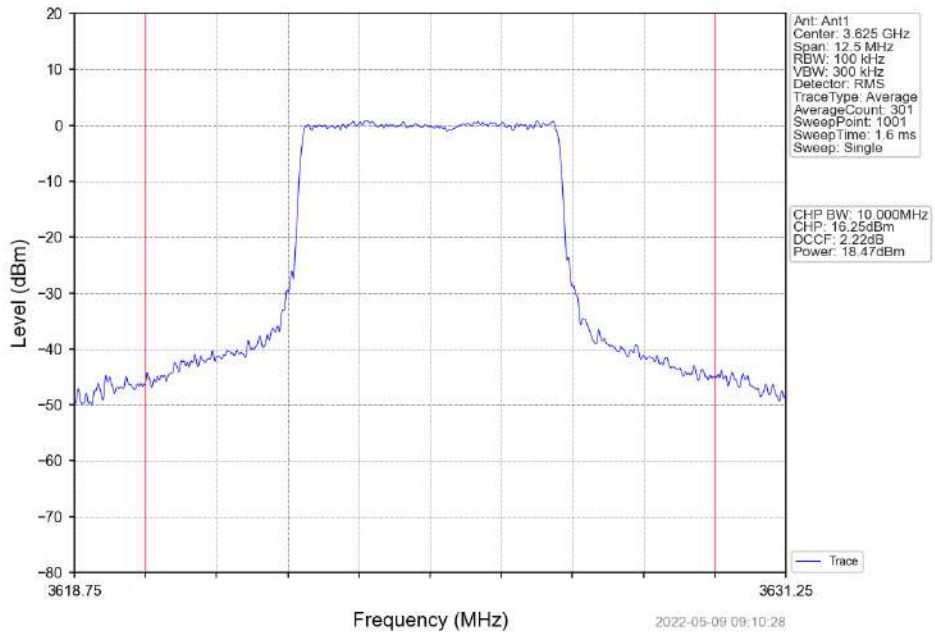
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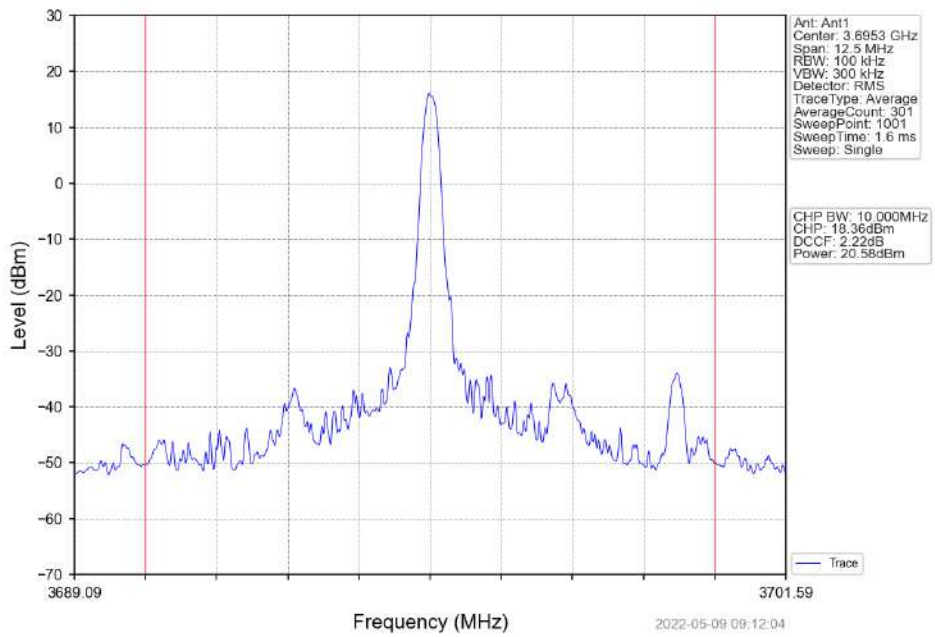
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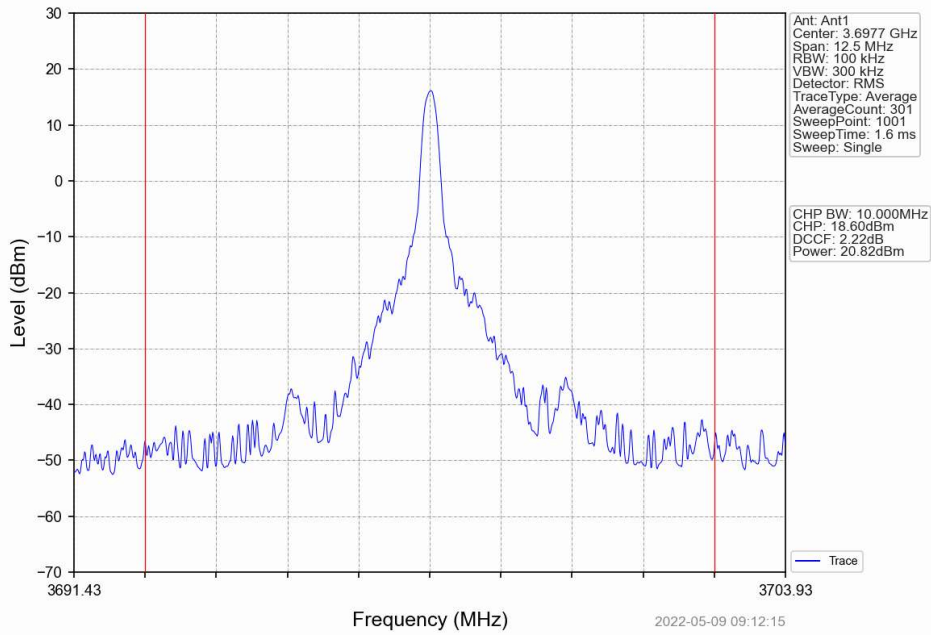
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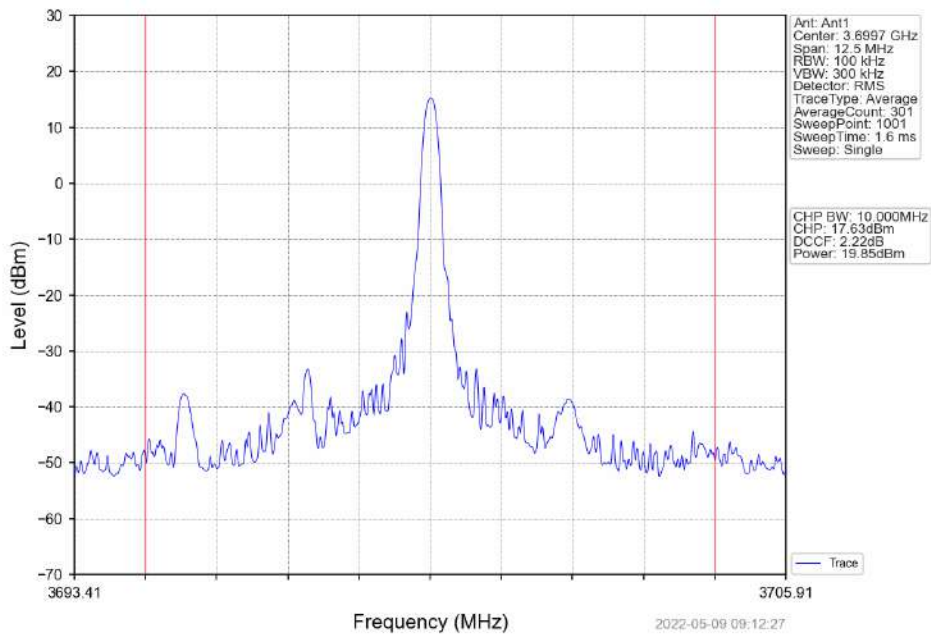
Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_1\_0\_NTNV



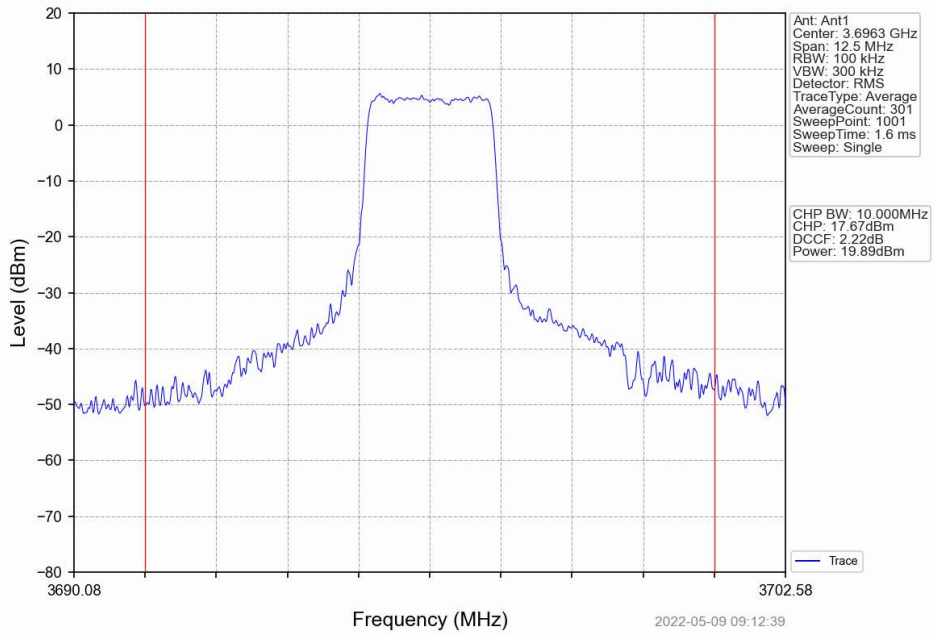
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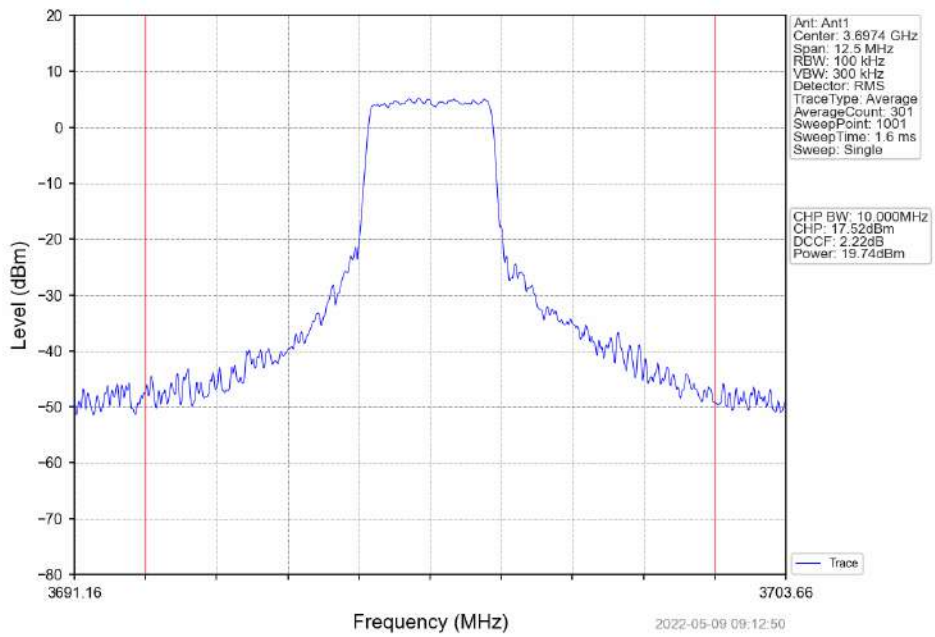
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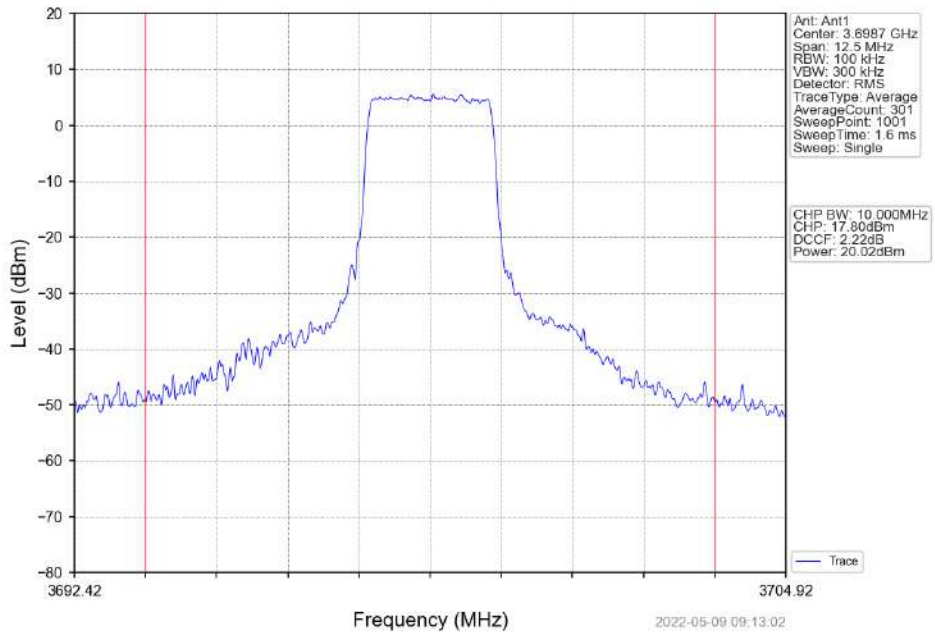
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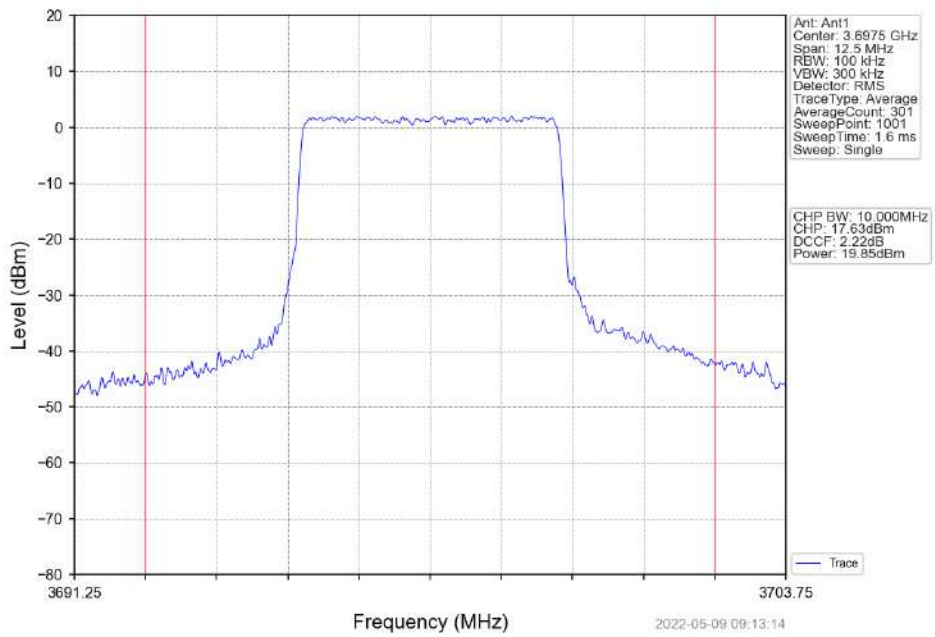
Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_12\_6\_NTNV



Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_12\_13\_NTNV



Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



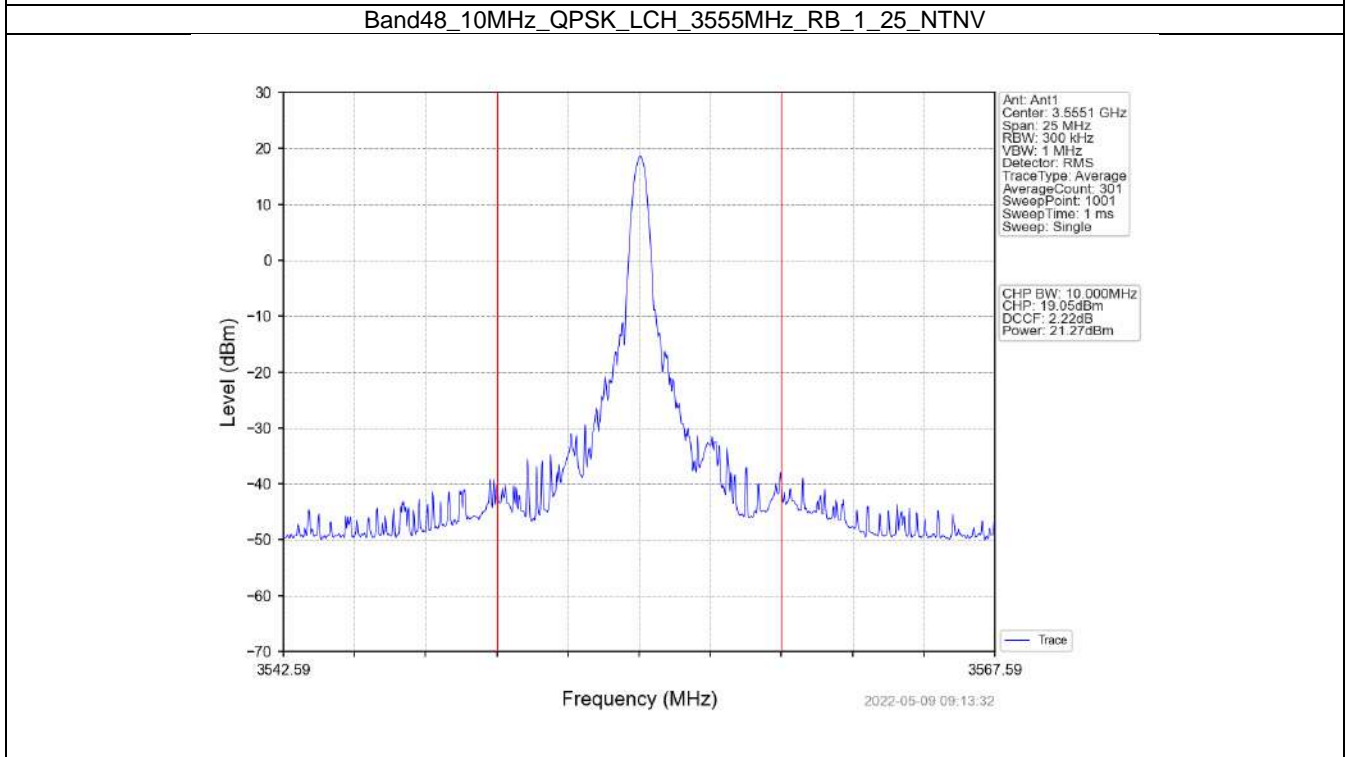
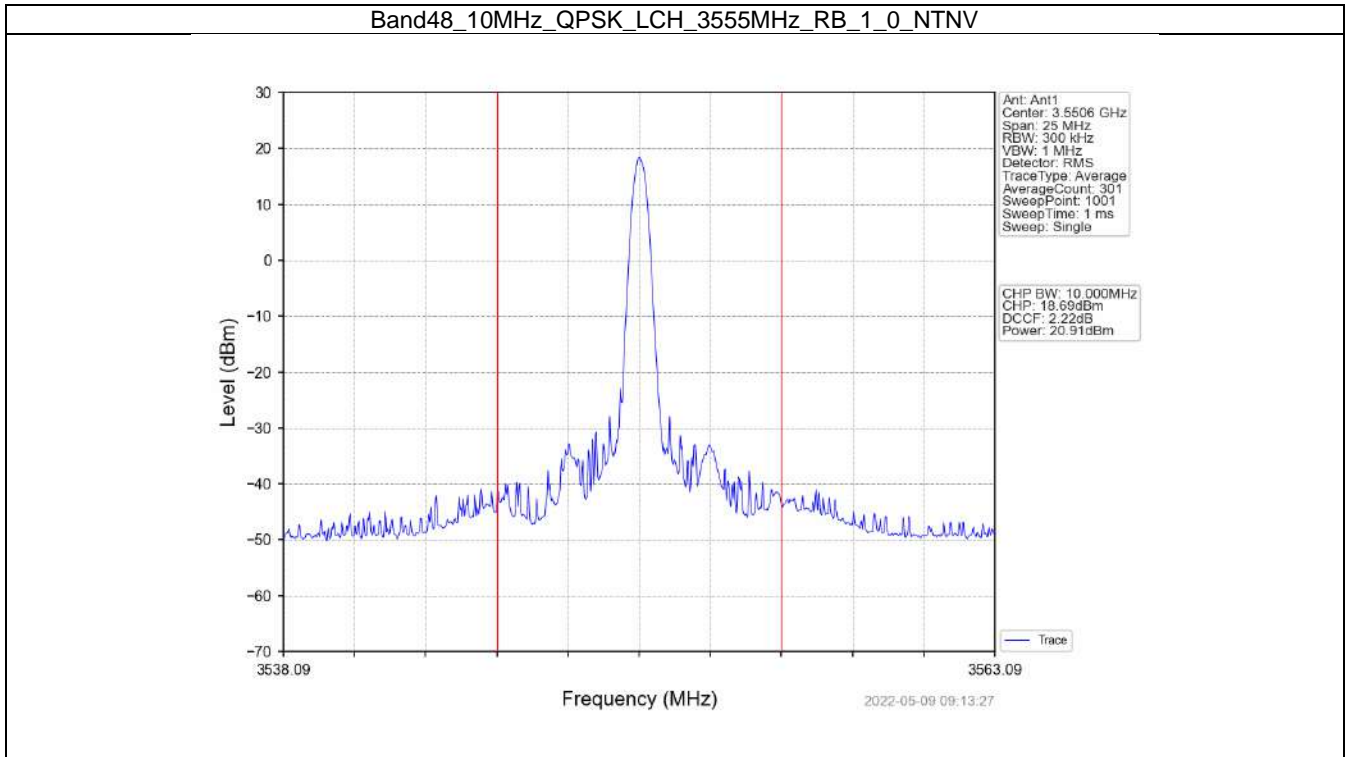
## 1.2 B48\_10MHz\_EIRP

### 1.2.1 Test Result

Band: 48 / Bandwidth: 10MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dbi)	EIRP (dBm/10MHz)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3555	1	0	20.91	-0.13	20.78	<=23	Pass		
			25	21.27	-0.13	21.14	<=23	Pass		
			49	20.98	-0.13	20.85	<=23	Pass		
		25	0	20.11	-0.13	19.98	<=23	Pass		
			13	20.20	-0.13	20.07	<=23	Pass		
			25	19.84	-0.13	19.71	<=23	Pass		
		50	0	20.27	-0.13	20.14	<=23	Pass		
		3625	1	0	21.27	-0.13	21.14	<=23	Pass	
				25	21.36	-0.13	21.23	<=23	Pass	
	49			21.20	-0.13	21.07	<=23	Pass		
	25		0	20.15	-0.13	20.02	<=23	Pass		
			13	20.53	-0.13	20.40	<=23	Pass		
			25	20.67	-0.13	20.54	<=23	Pass		
	50		0	20.20	-0.13	20.07	<=23	Pass		
	3695		1	0	21.78	-0.13	21.65	<=23	Pass	
				25	22.12	-0.13	21.99	<=23	Pass	
		49		22.02	-0.13	21.89	<=23	Pass		
		25	0	21.20	-0.13	21.07	<=23	Pass		
			13	21.14	-0.13	21.01	<=23	Pass		
			25	20.94	-0.13	20.81	<=23	Pass		
		50	0	21.24	-0.13	21.11	<=23	Pass		
		16QAM	3555	1	0	20.24	-0.13	20.11	<=23	Pass
					25	20.14	-0.13	20.01	<=23	Pass
	49				19.93	-0.13	19.80	<=23	Pass	
25	0			19.21	-0.13	19.08	<=23	Pass		
	13			19.17	-0.13	19.04	<=23	Pass		
	25			19.13	-0.13	19.00	<=23	Pass		
50	0			18.85	-0.13	18.72	<=23	Pass		
3625	1			0	20.15	-0.13	20.02	<=23	Pass	
				25	20.11	-0.13	19.98	<=23	Pass	
			49	20.55	-0.13	20.42	<=23	Pass		
	25		0	19.43	-0.13	19.30	<=23	Pass		
			13	19.57	-0.13	19.44	<=23	Pass		
			25	19.40	-0.13	19.27	<=23	Pass		
	50		0	19.31	-0.13	19.18	<=23	Pass		
	3695		1	0	20.76	-0.13	20.63	<=23	Pass	
				25	21.28	-0.13	21.15	<=23	Pass	
49				20.93	-0.13	20.80	<=23	Pass		
25			0	19.86	-0.13	19.73	<=23	Pass		
			13	20.19	-0.13	20.06	<=23	Pass		
			25	20.20	-0.13	20.07	<=23	Pass		
50			0	20.36	-0.13	20.23	<=23	Pass		

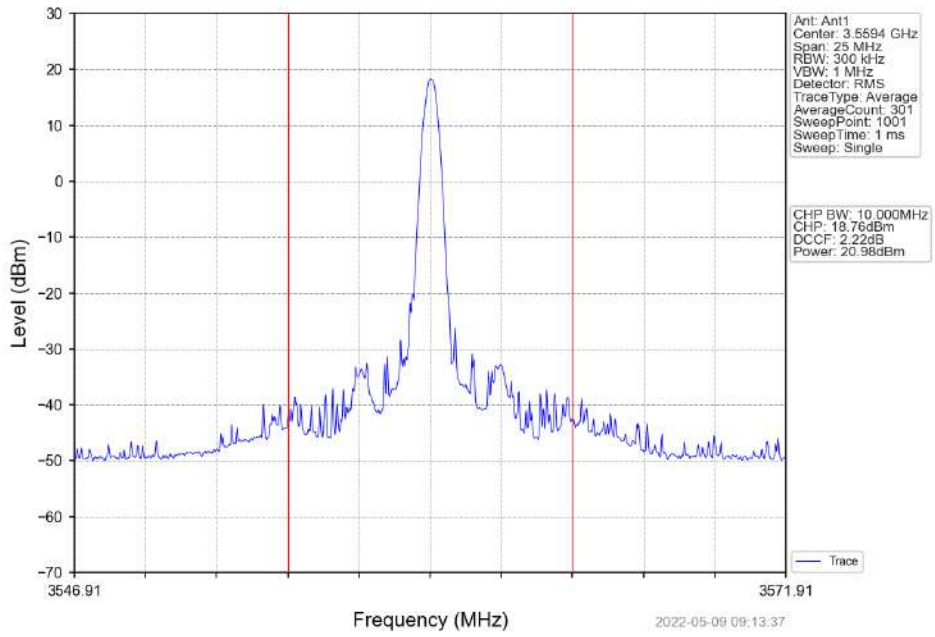
Note1: EIRP=Conducted Power+Antenna Gain

### 1.2.2 Test Graph

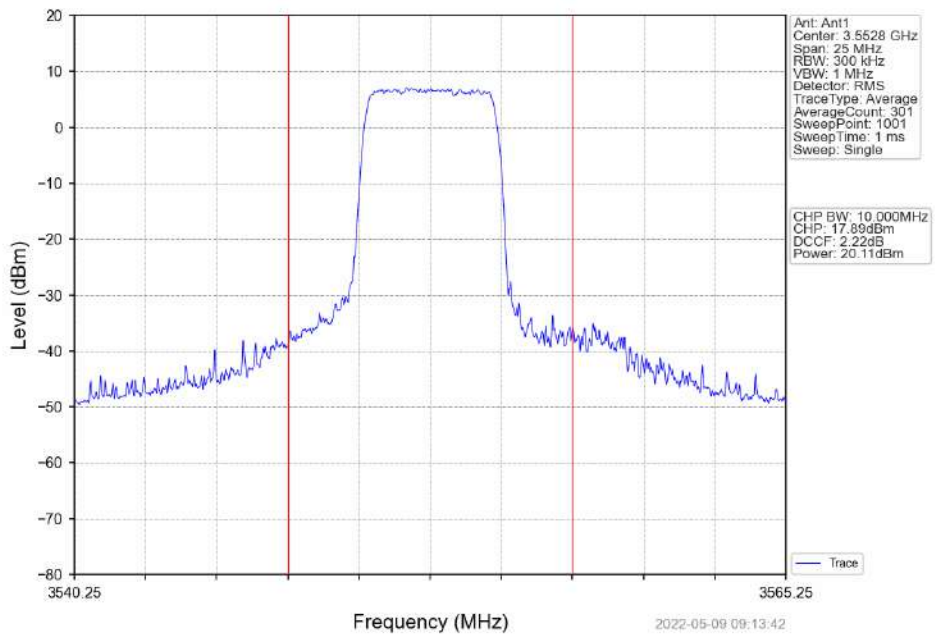




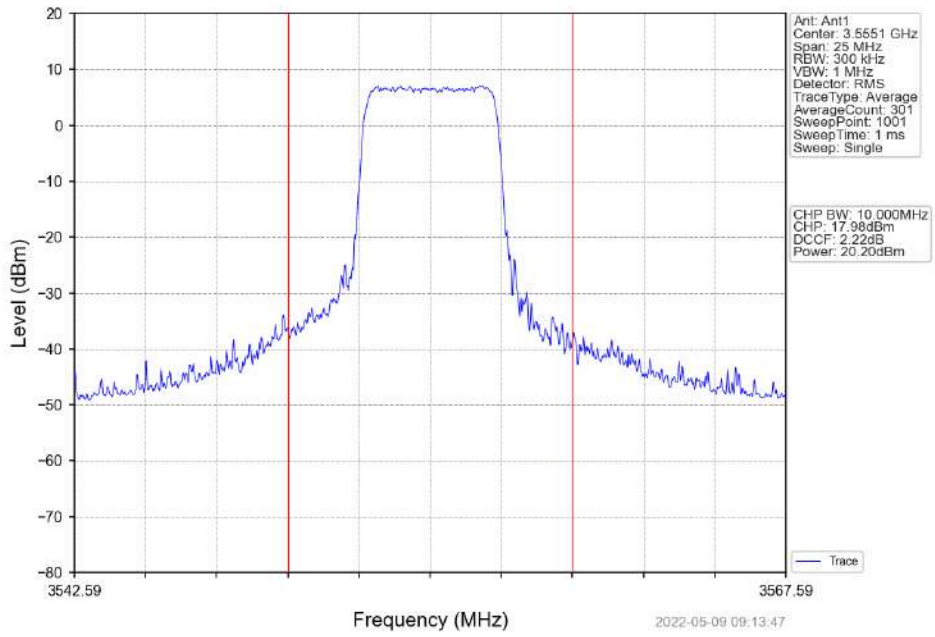
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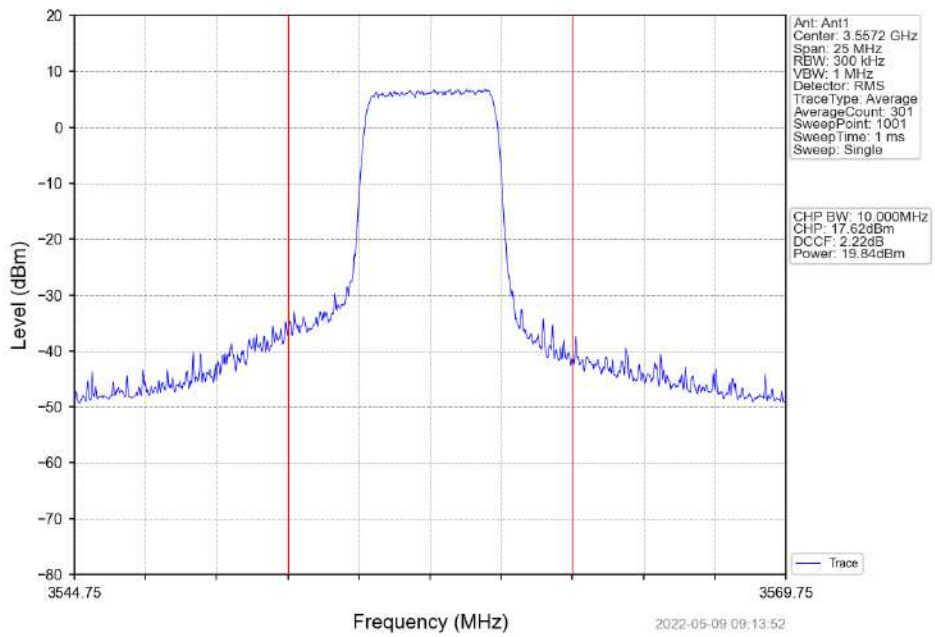
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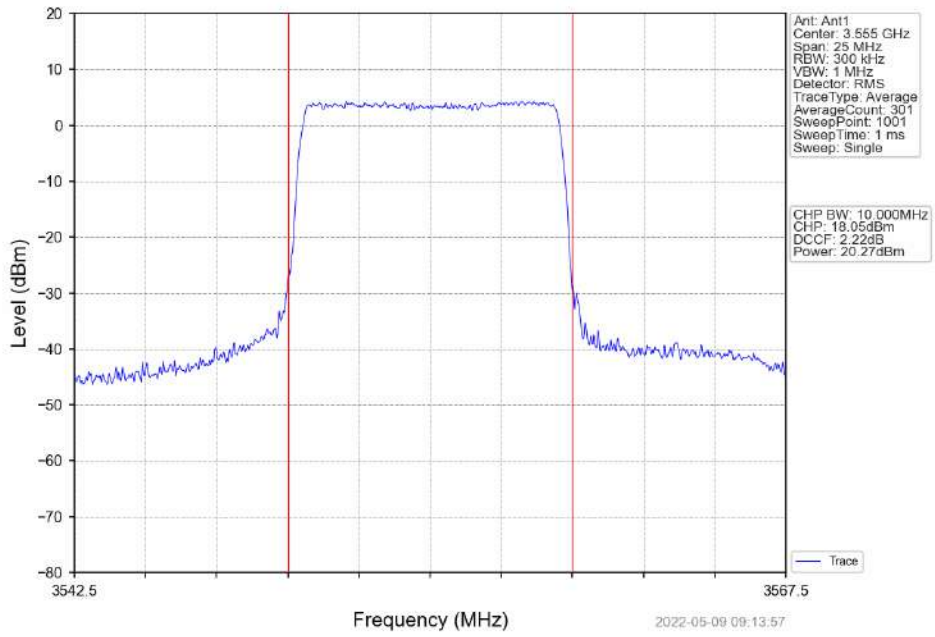
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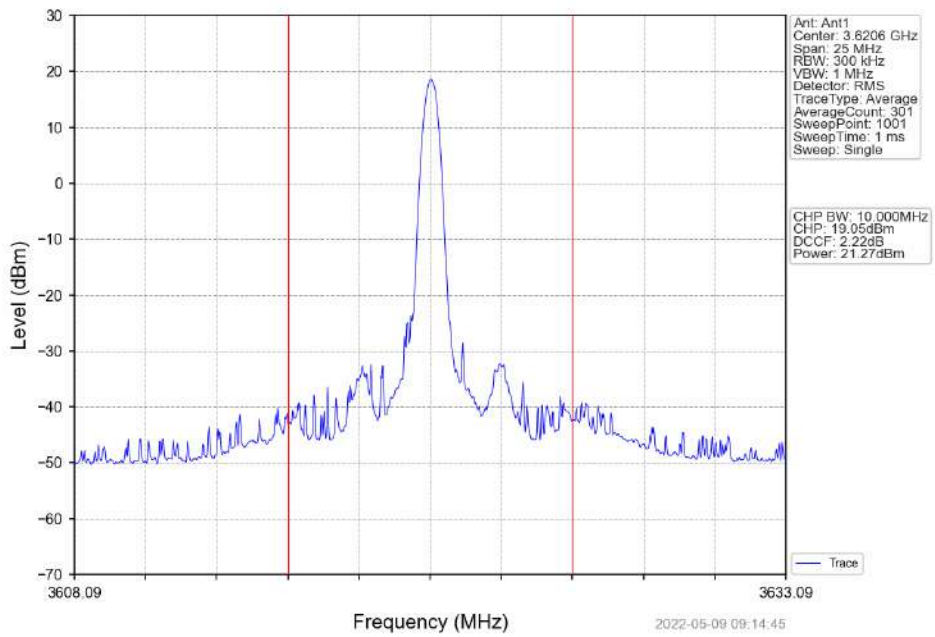
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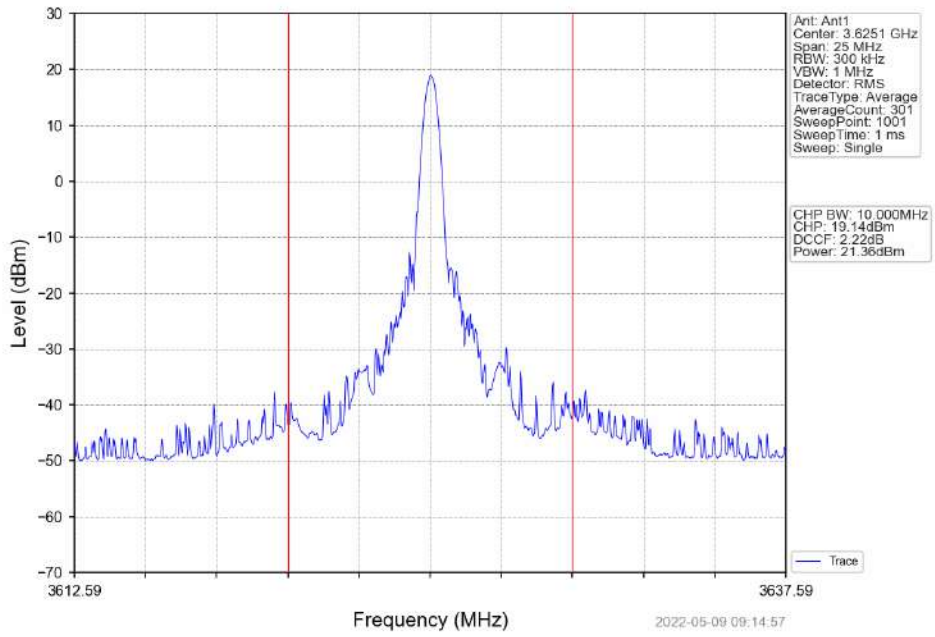
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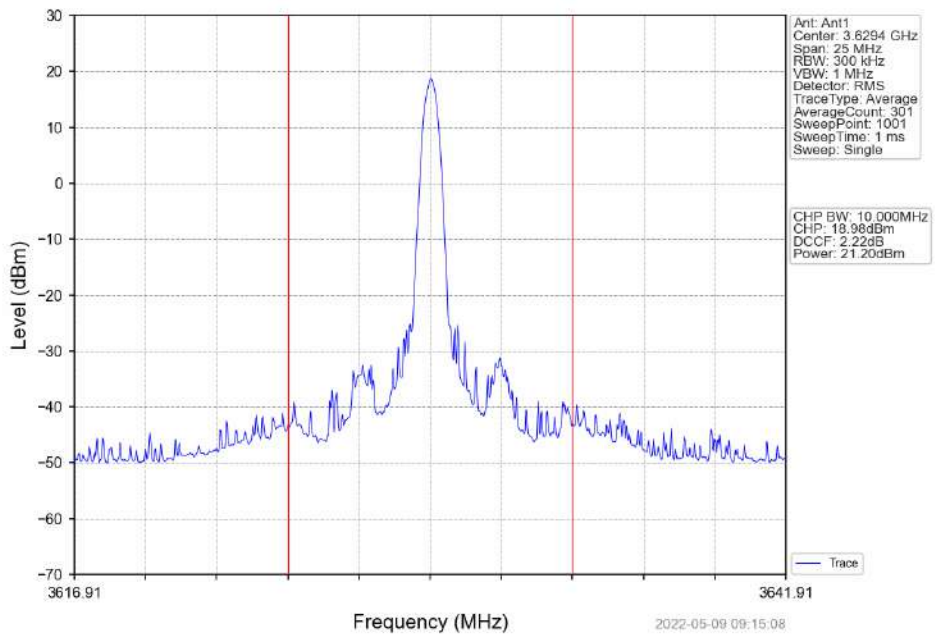
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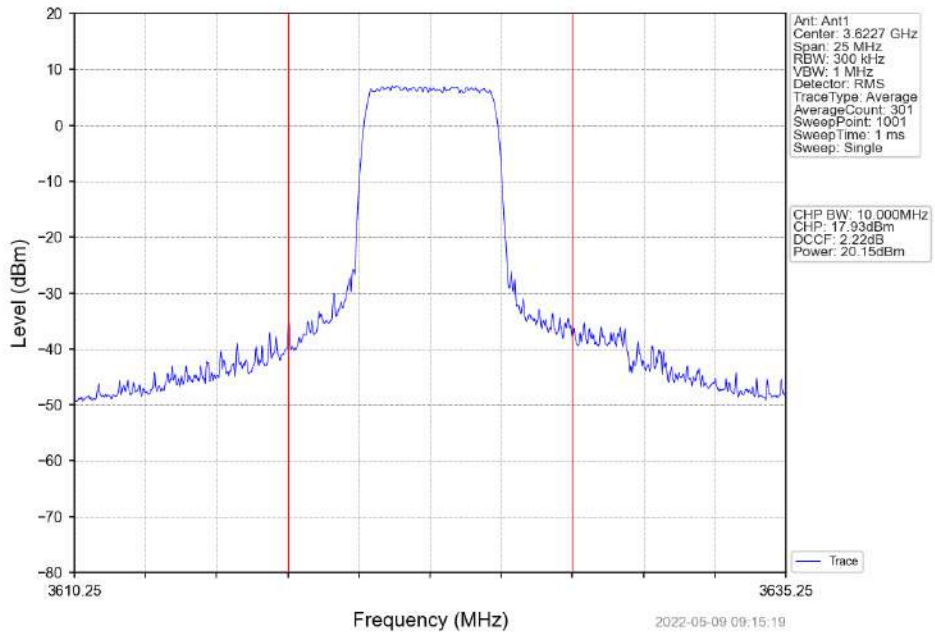
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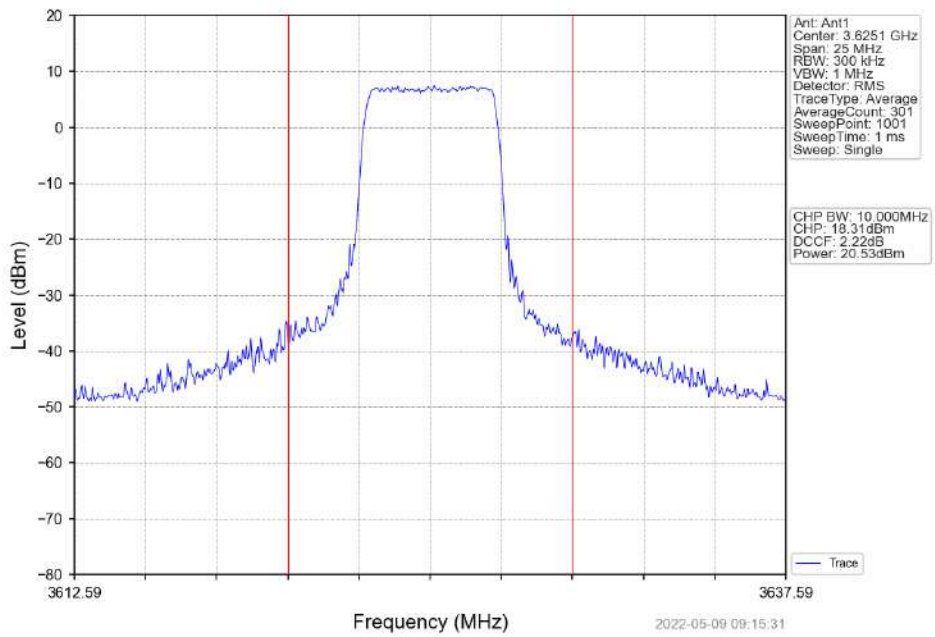
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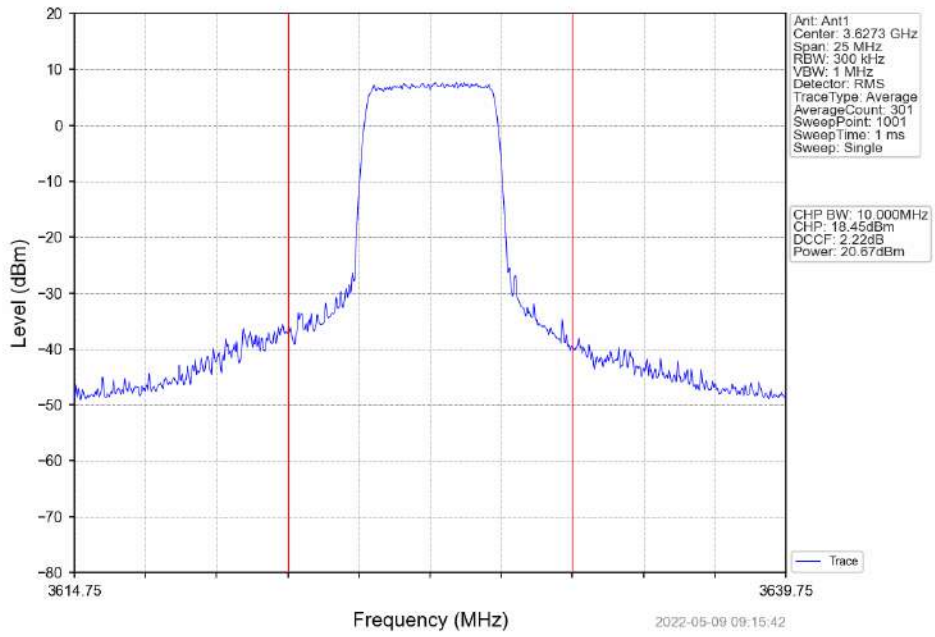
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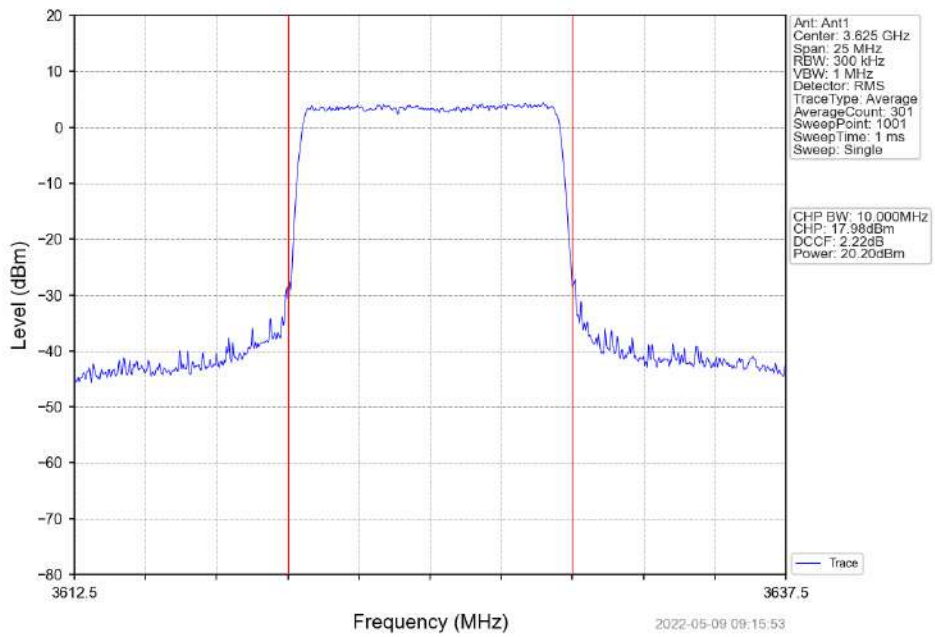
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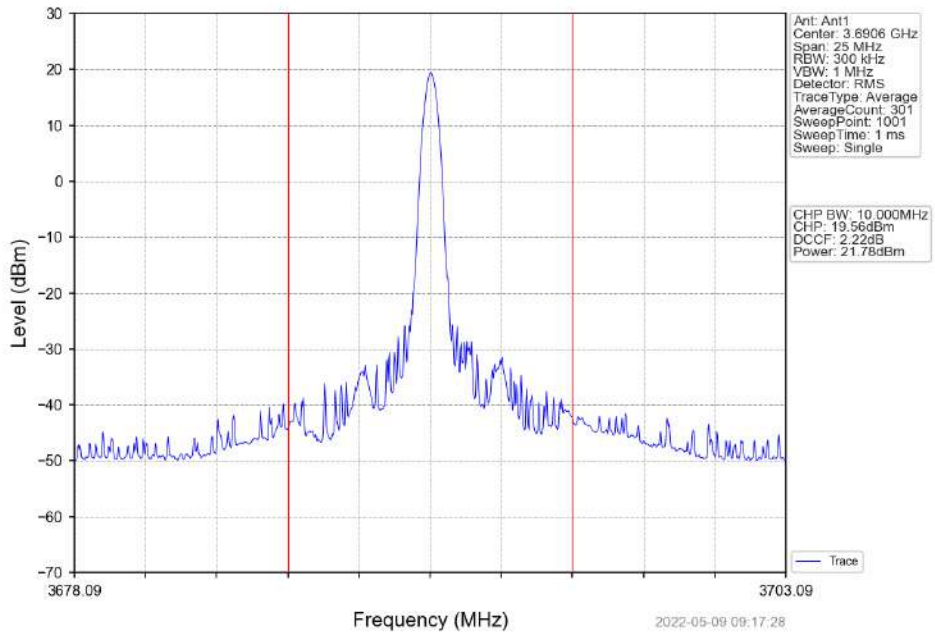
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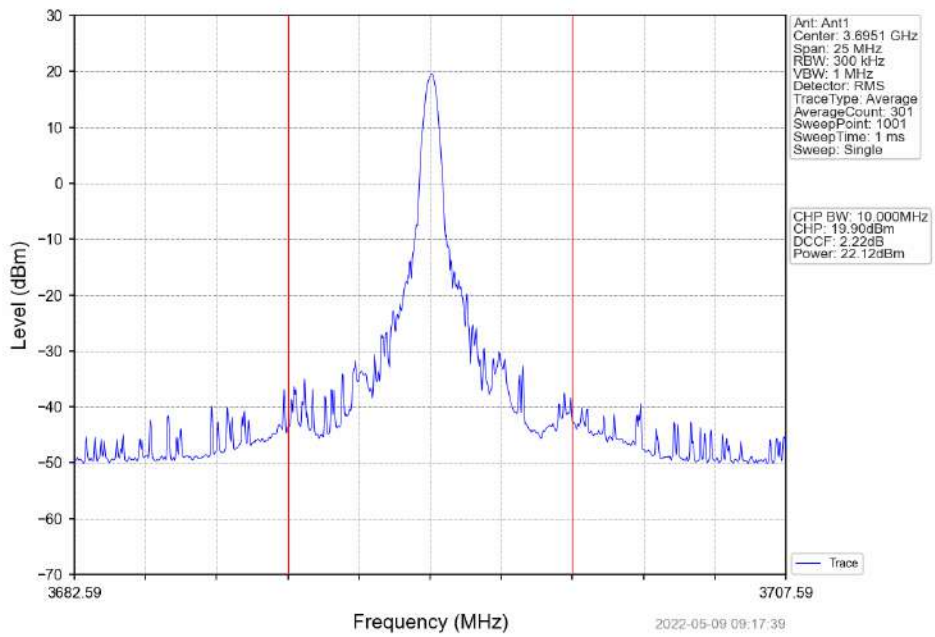
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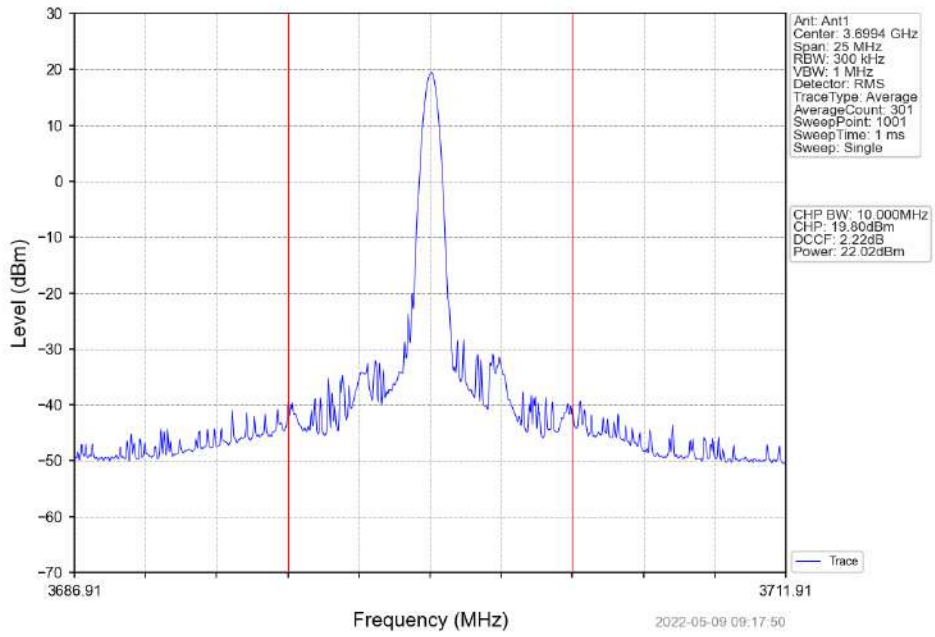
Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_1\_0\_NTNV



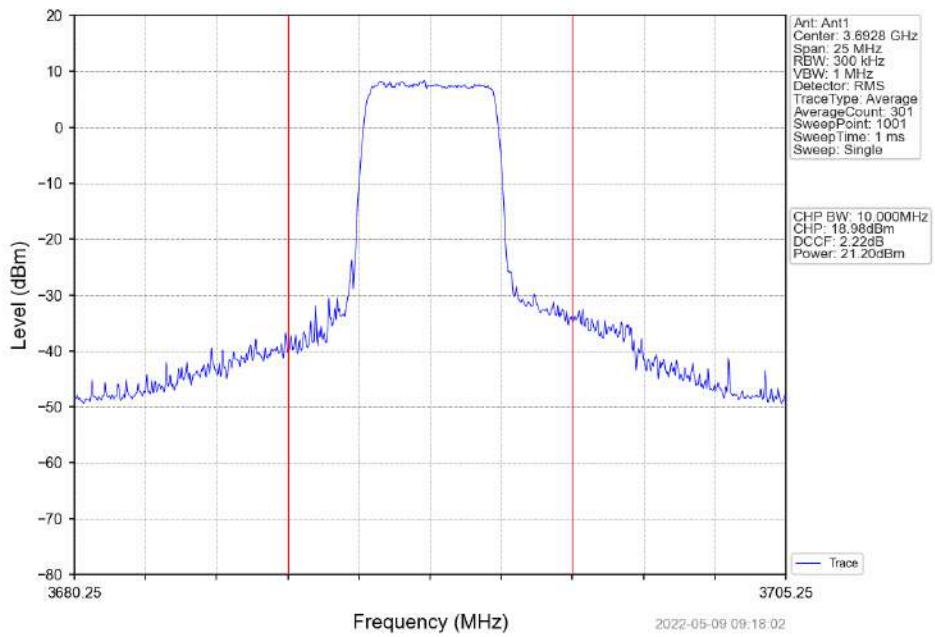
Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_1\_25\_NTNV



Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_1\_49\_NTNV

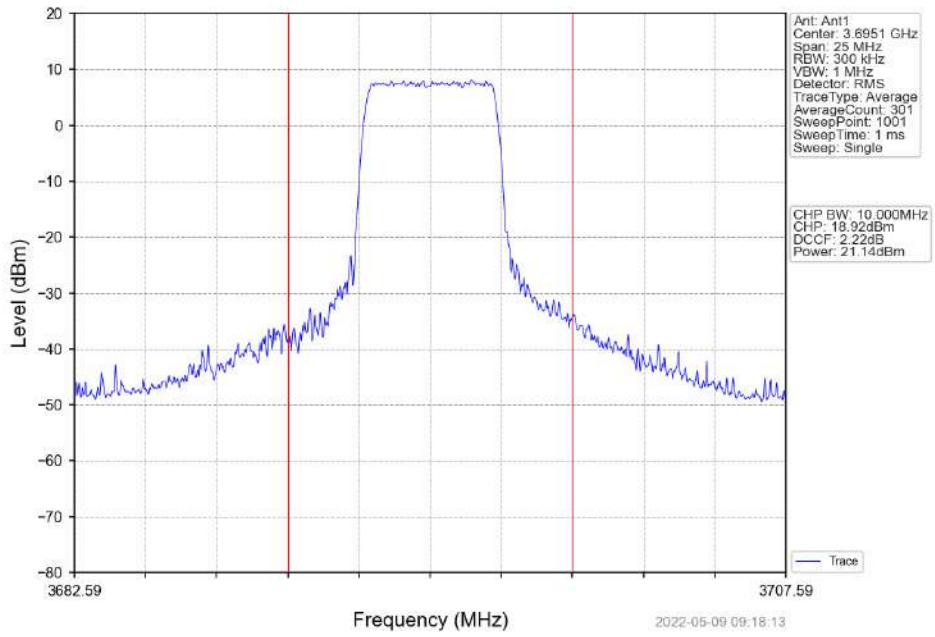


Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_25\_0\_NTNV

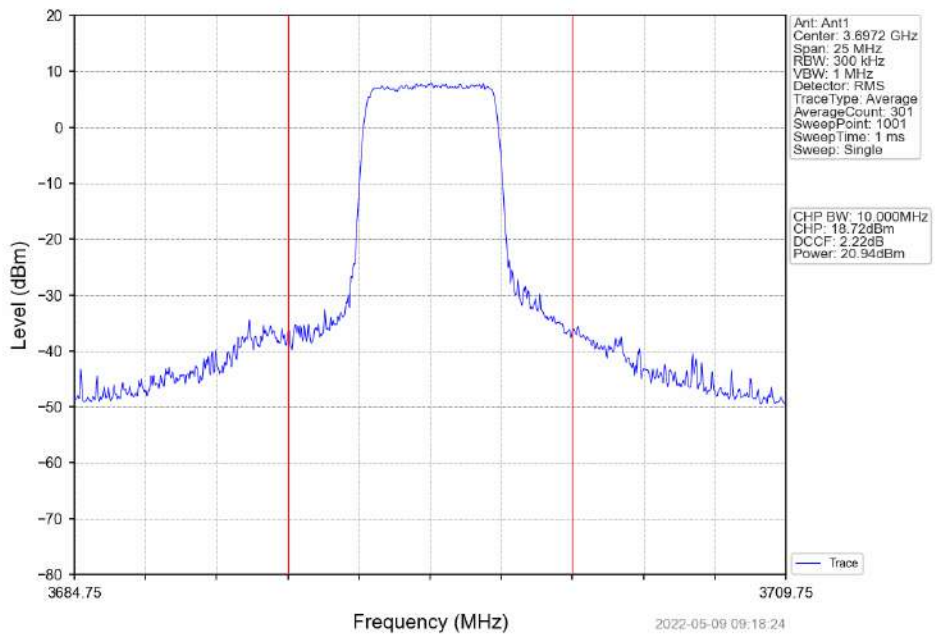




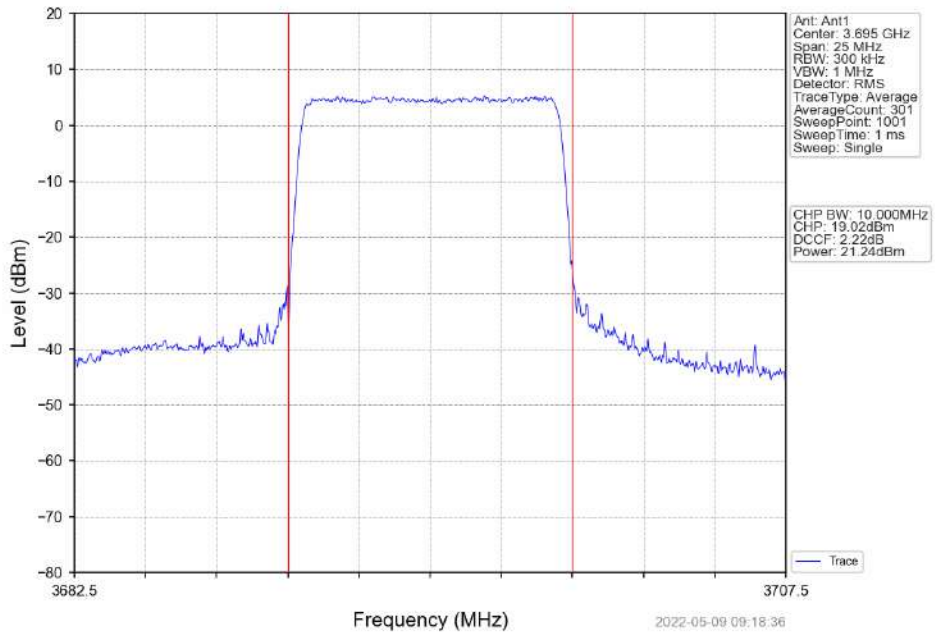
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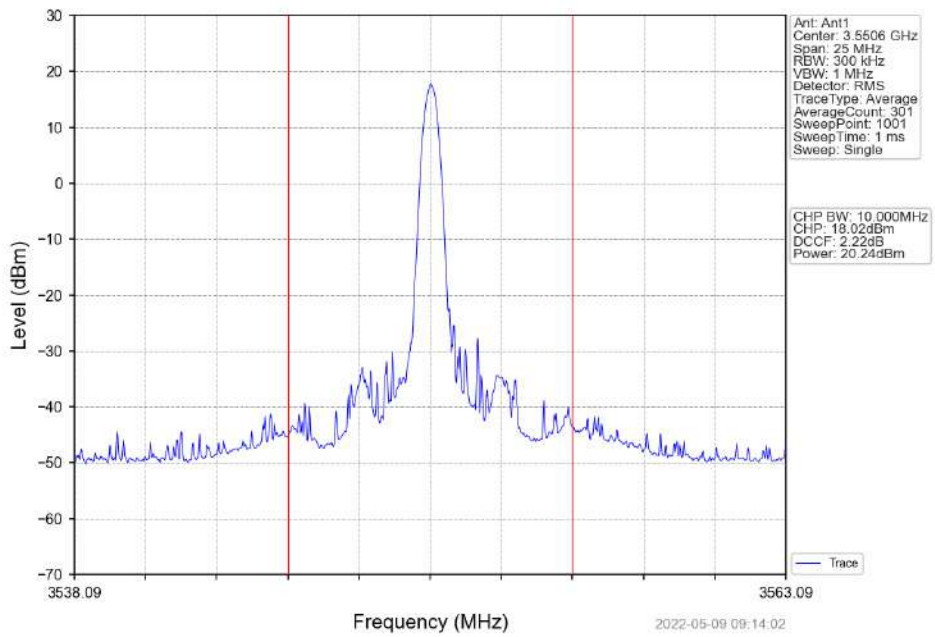
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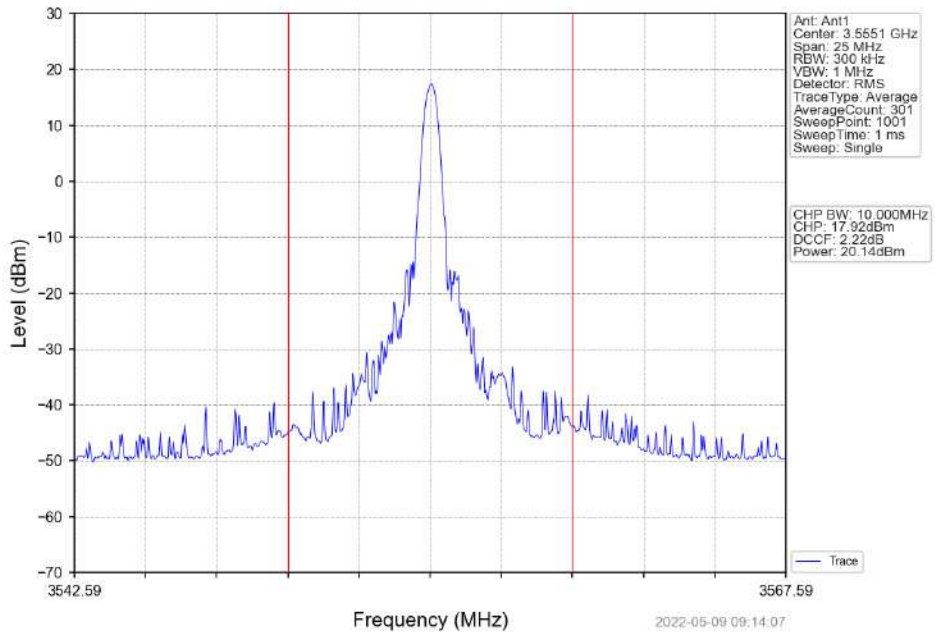
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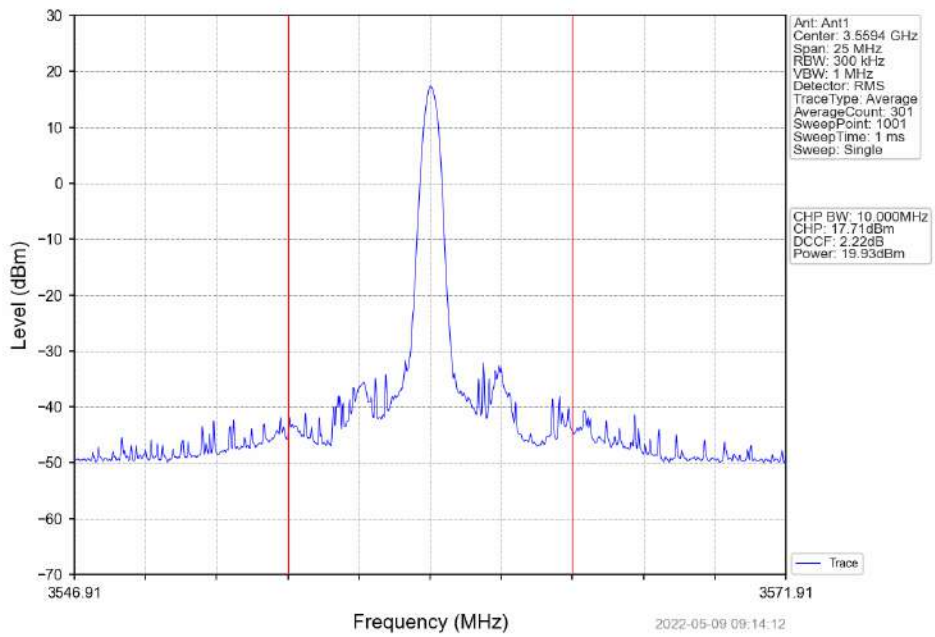
Band48\_10MHz\_16QAM\_LCH\_3555MHz\_RB\_1\_0\_NTNV



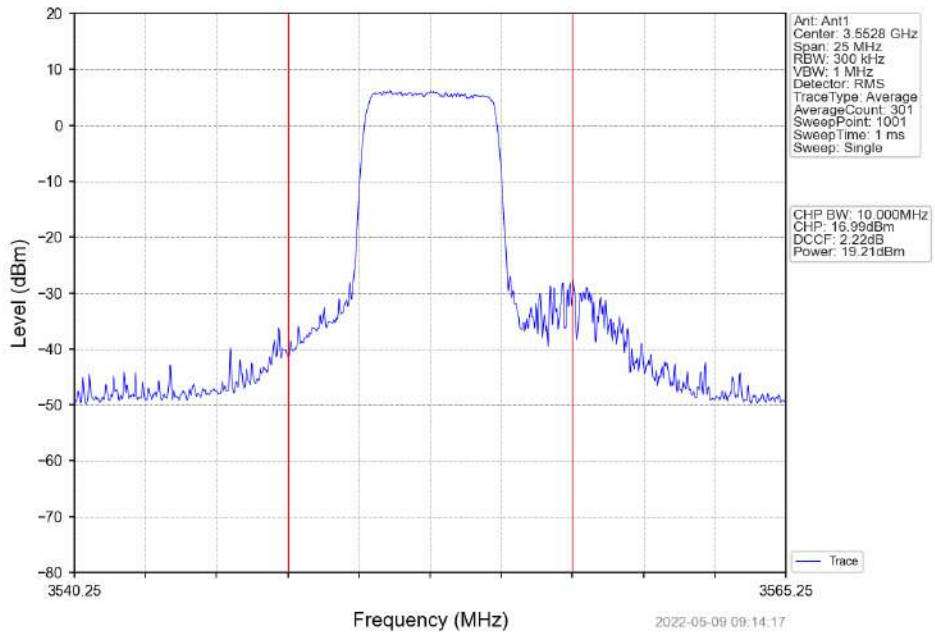
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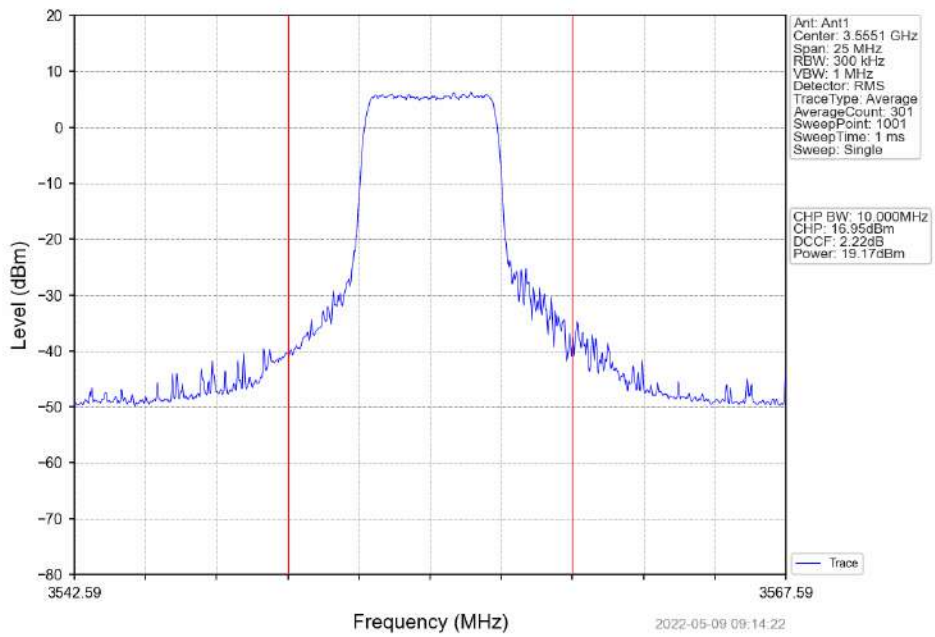
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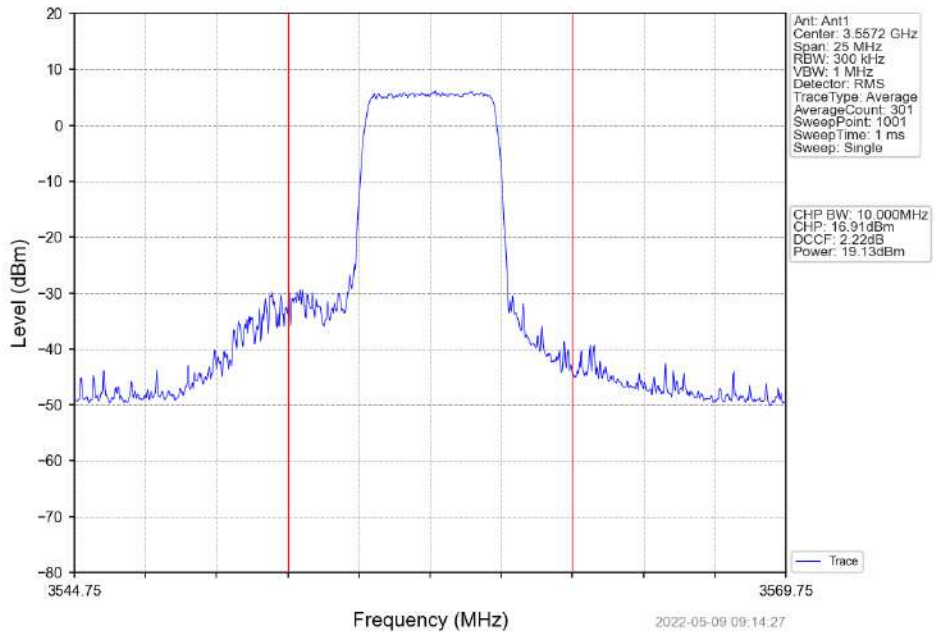
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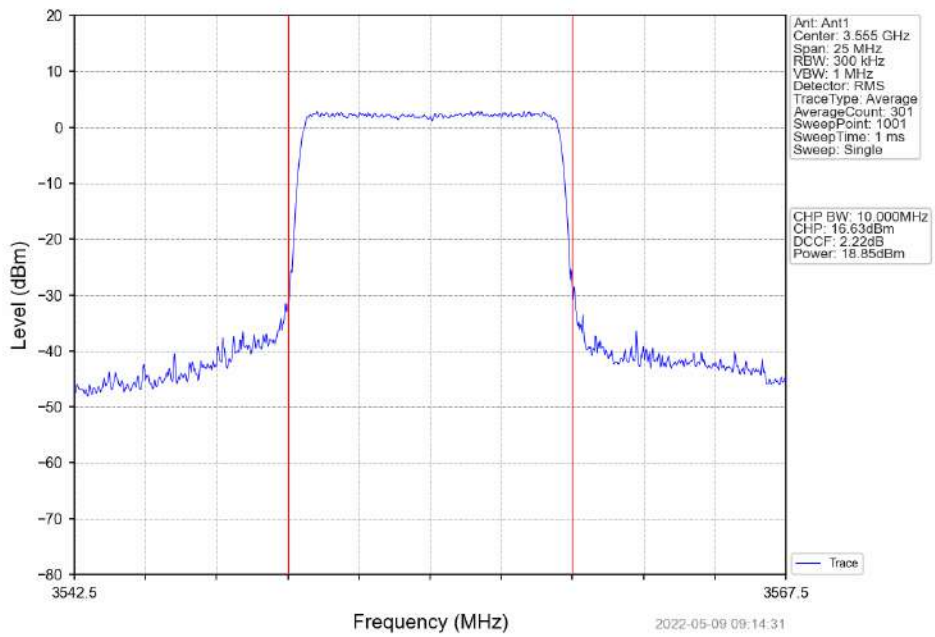
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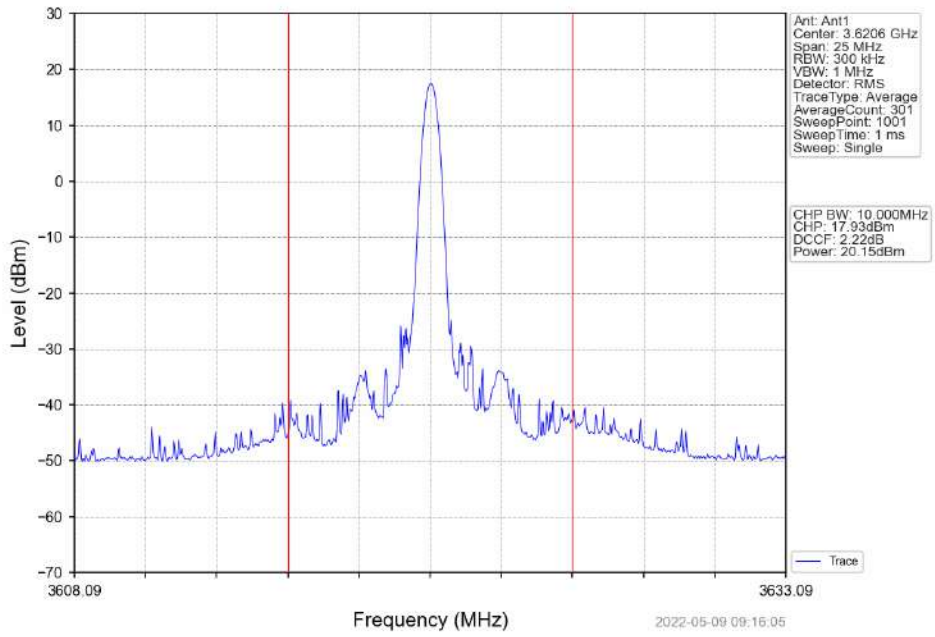
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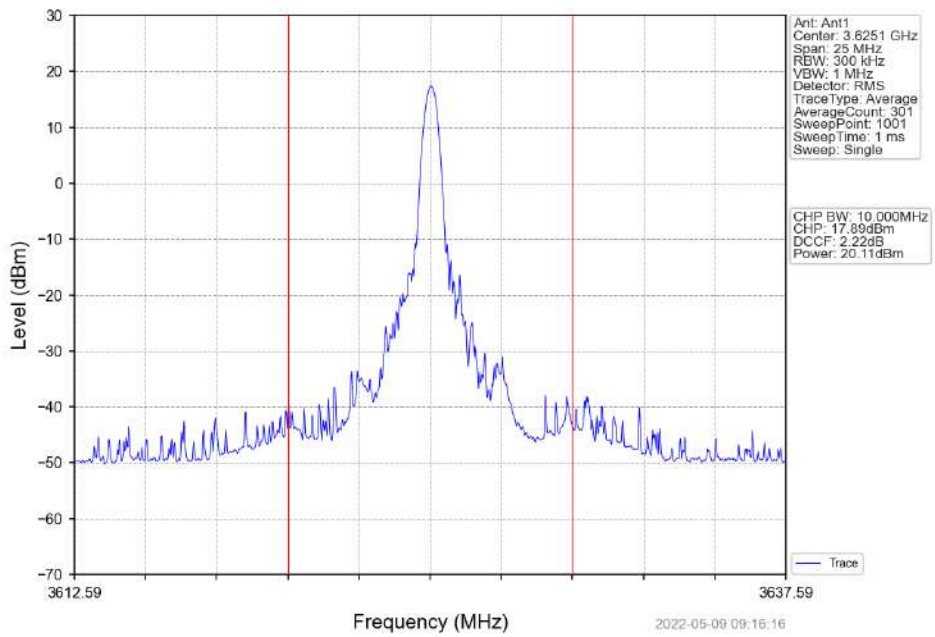
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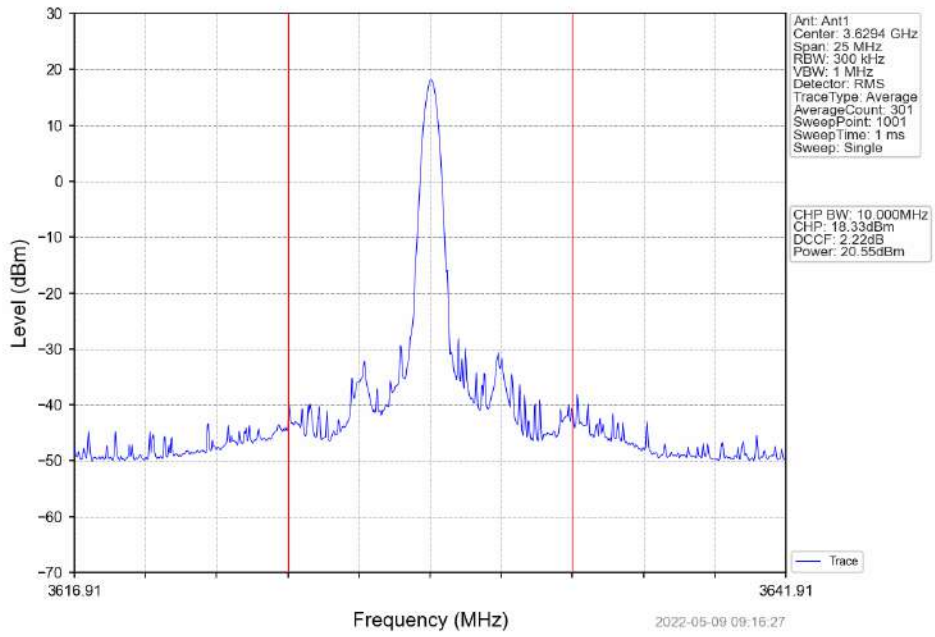
Band48\_10MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV



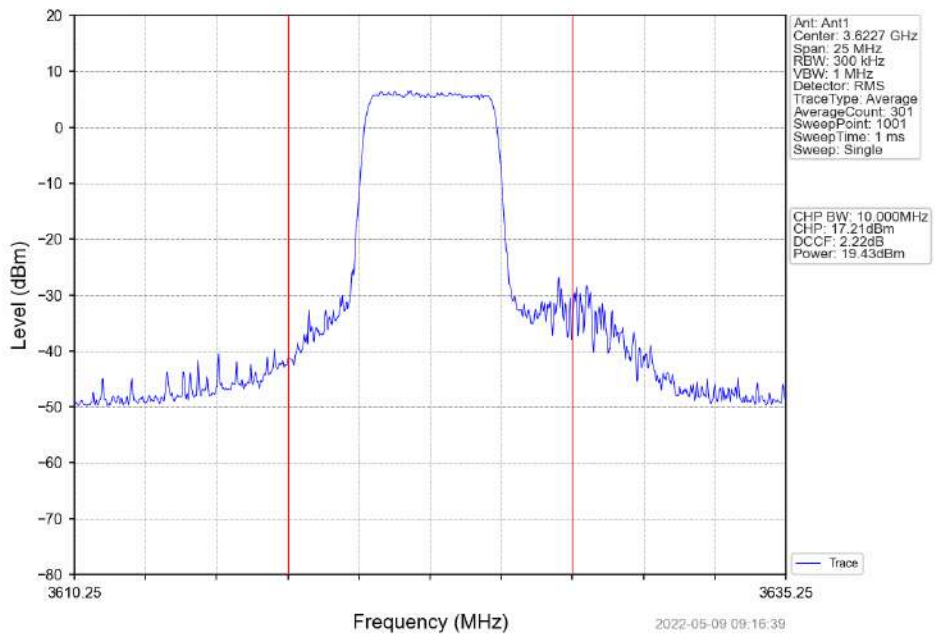
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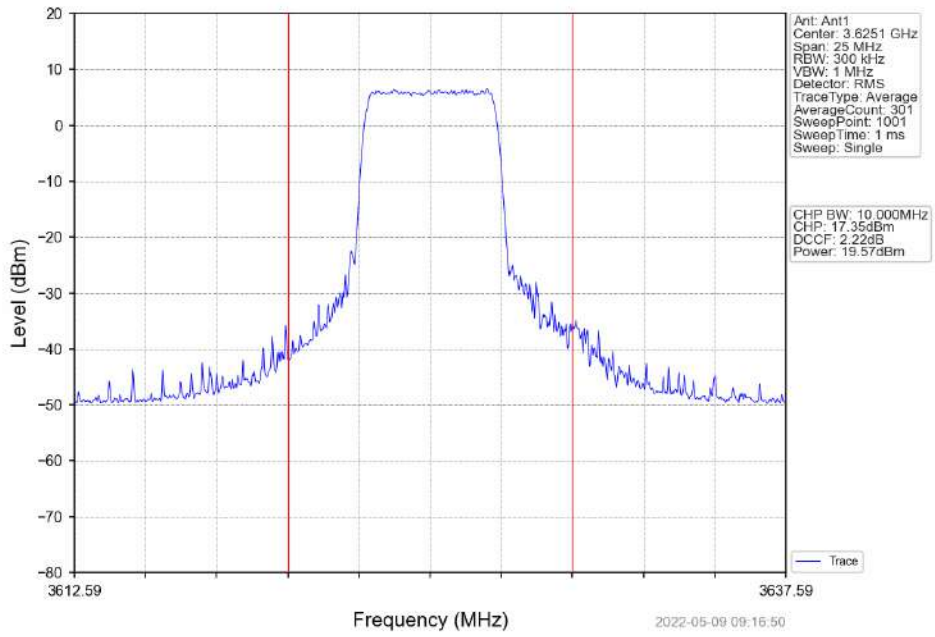
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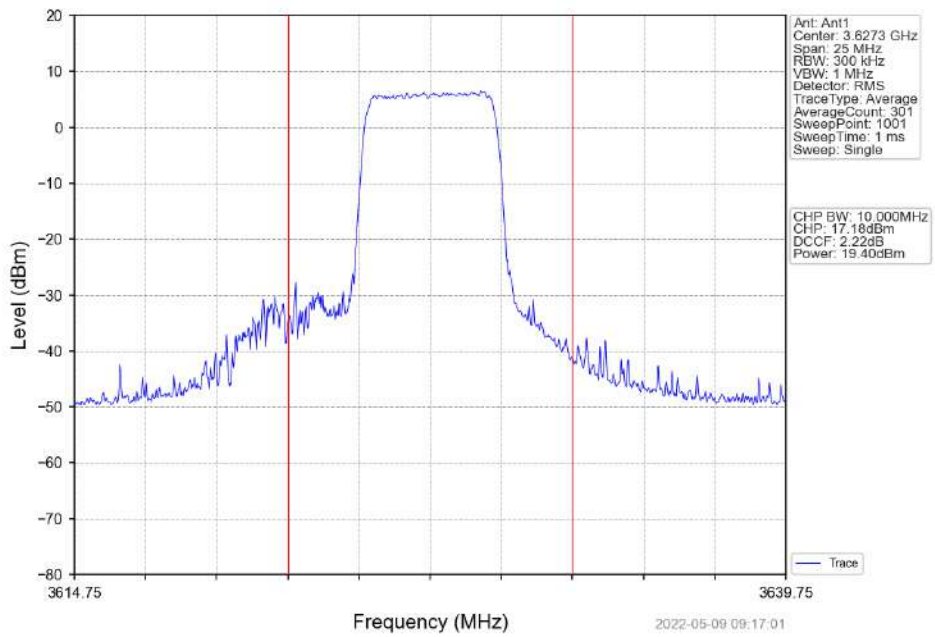
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Band48\_10MHz\_16QAM\_MCH\_3625MHz\_RB\_25\_13\_NTNV

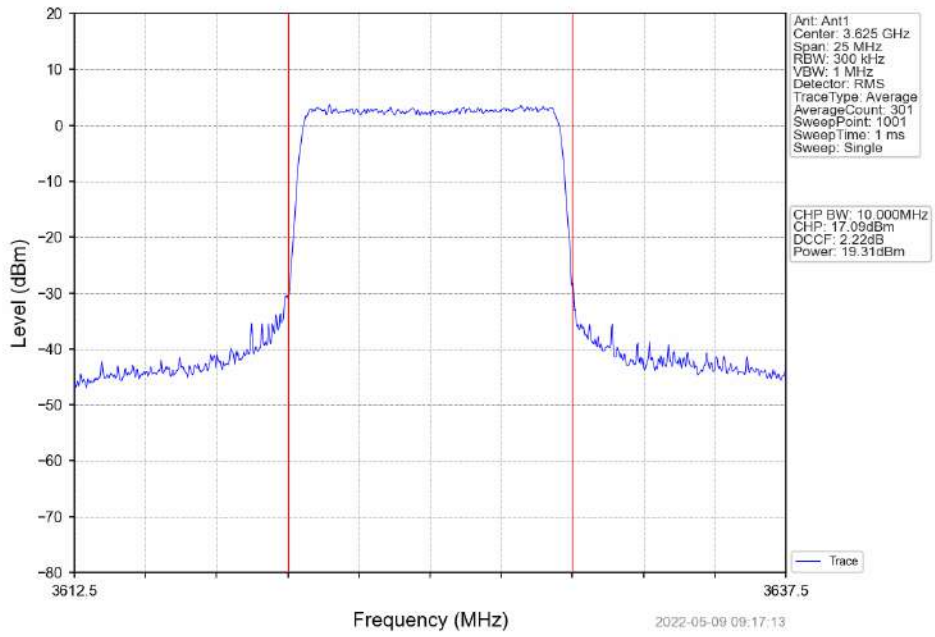


Band48\_10MHz\_16QAM\_MCH\_3625MHz\_RB\_25\_25\_NTNV

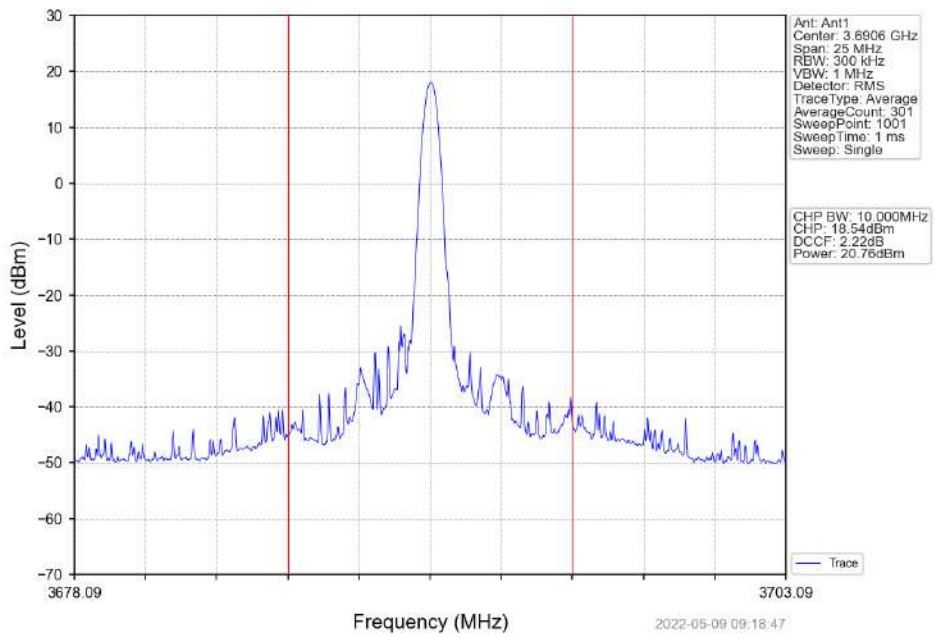




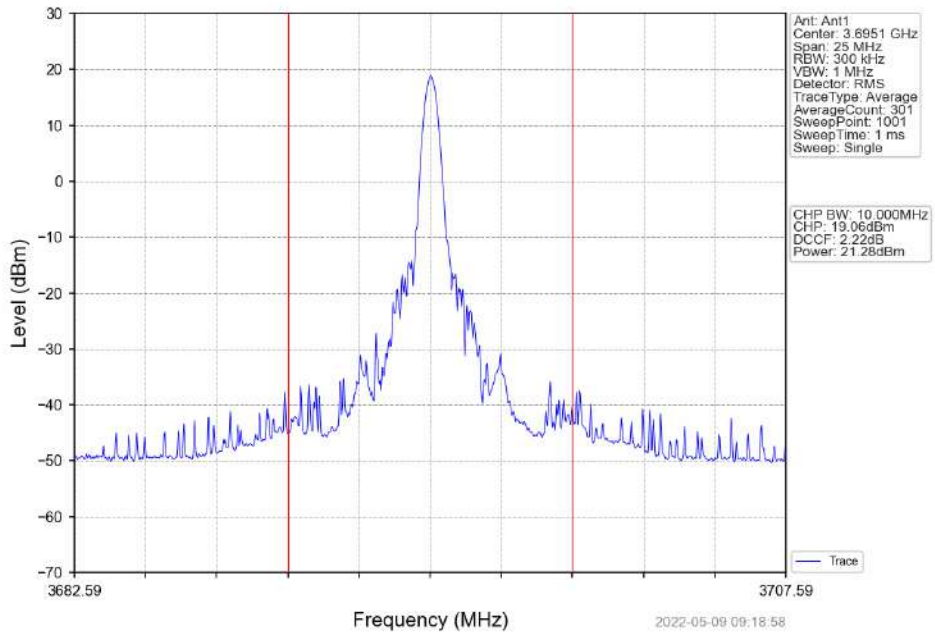
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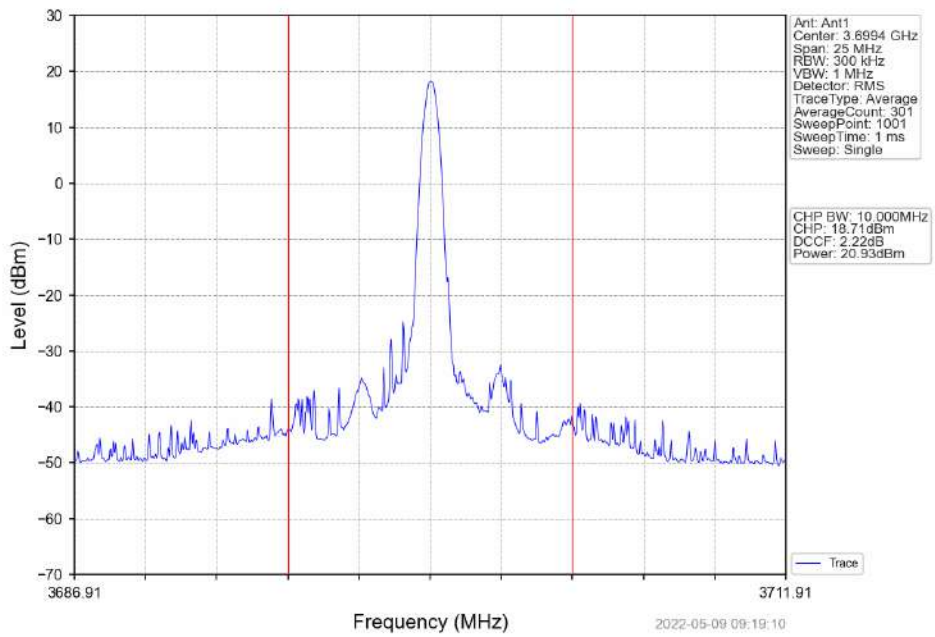
Band48\_10MHz\_16QAM\_HCH\_3695MHz\_RB\_1\_0\_NTNV



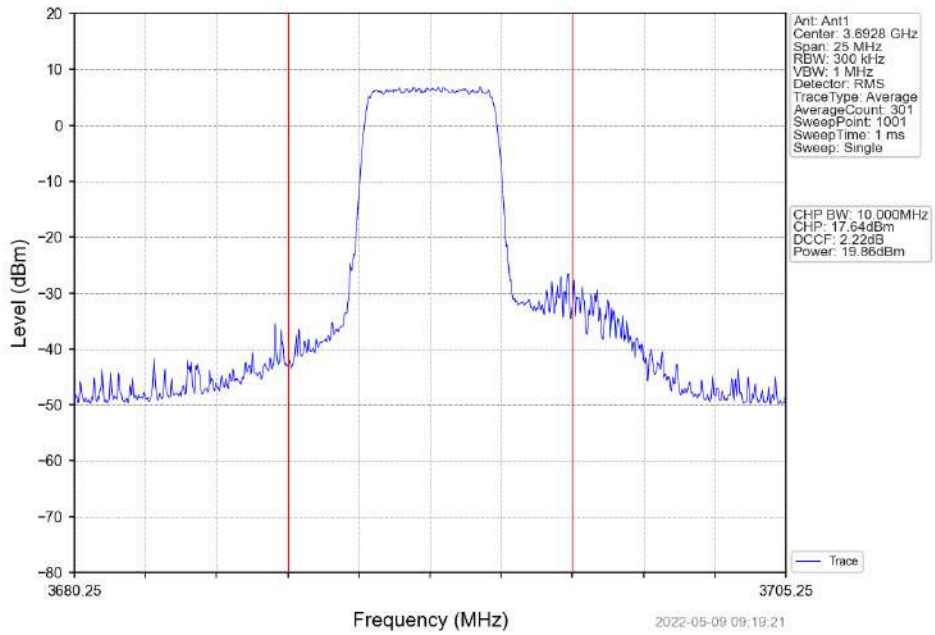
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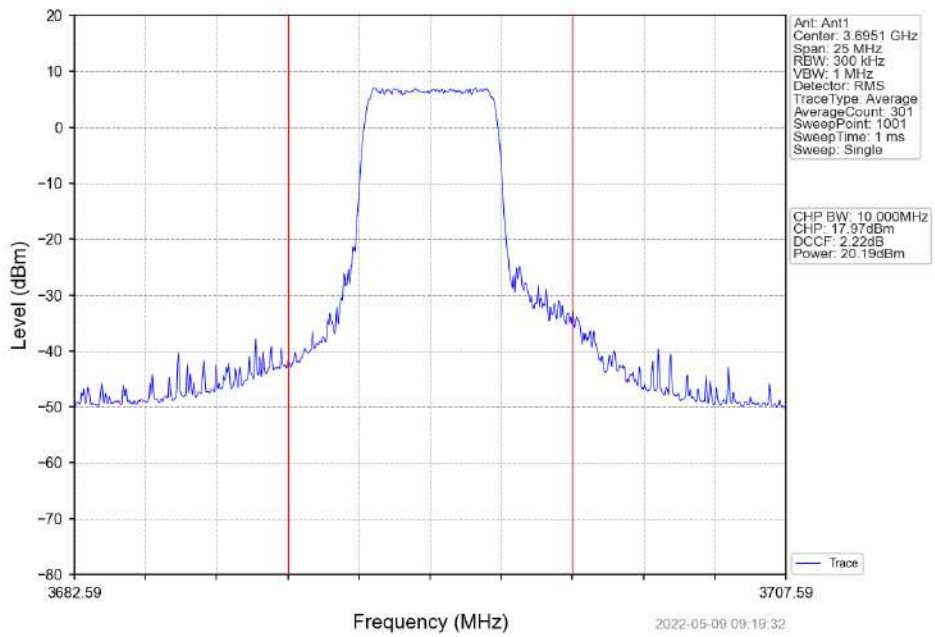
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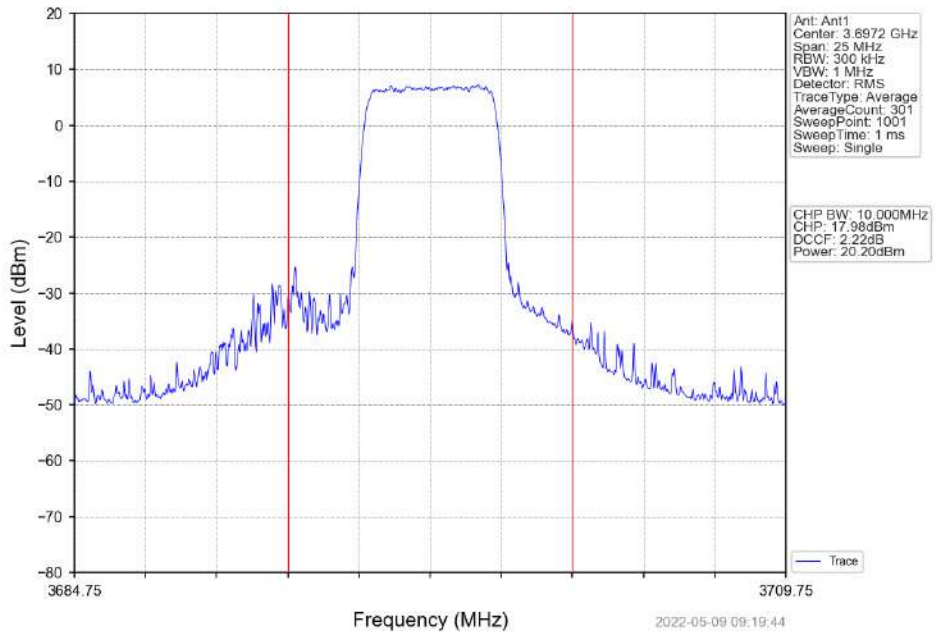
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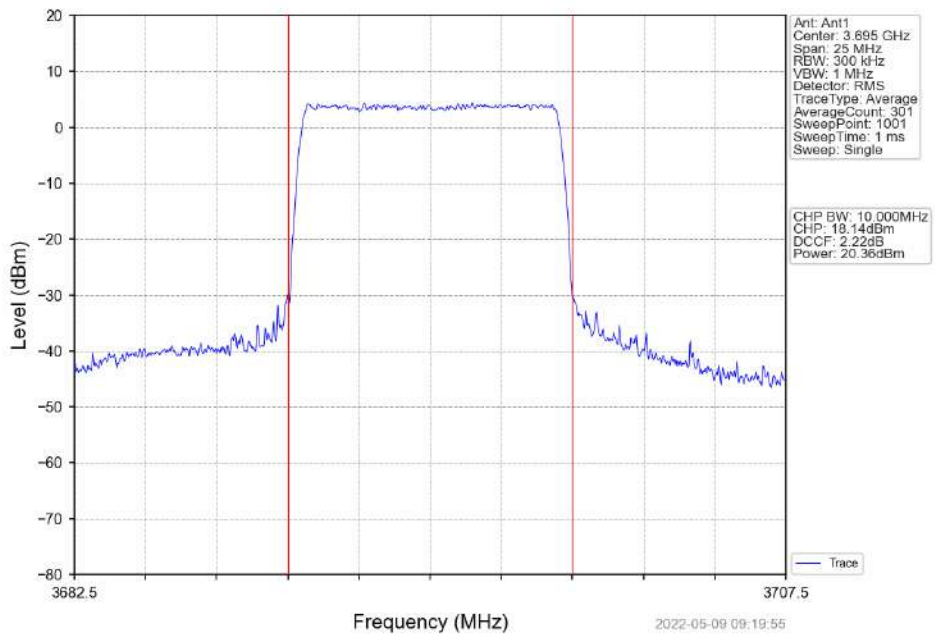
Band48\_10MHz\_16QAM\_HCH\_3695MHz\_RB\_25\_13\_NTNV



Band48\_10MHz\_16QAM\_HCH\_3695MHz\_RB\_25\_25\_NTNV



Band48\_10MHz\_16QAM\_HCH\_3695MHz\_RB\_50\_0\_NTNV



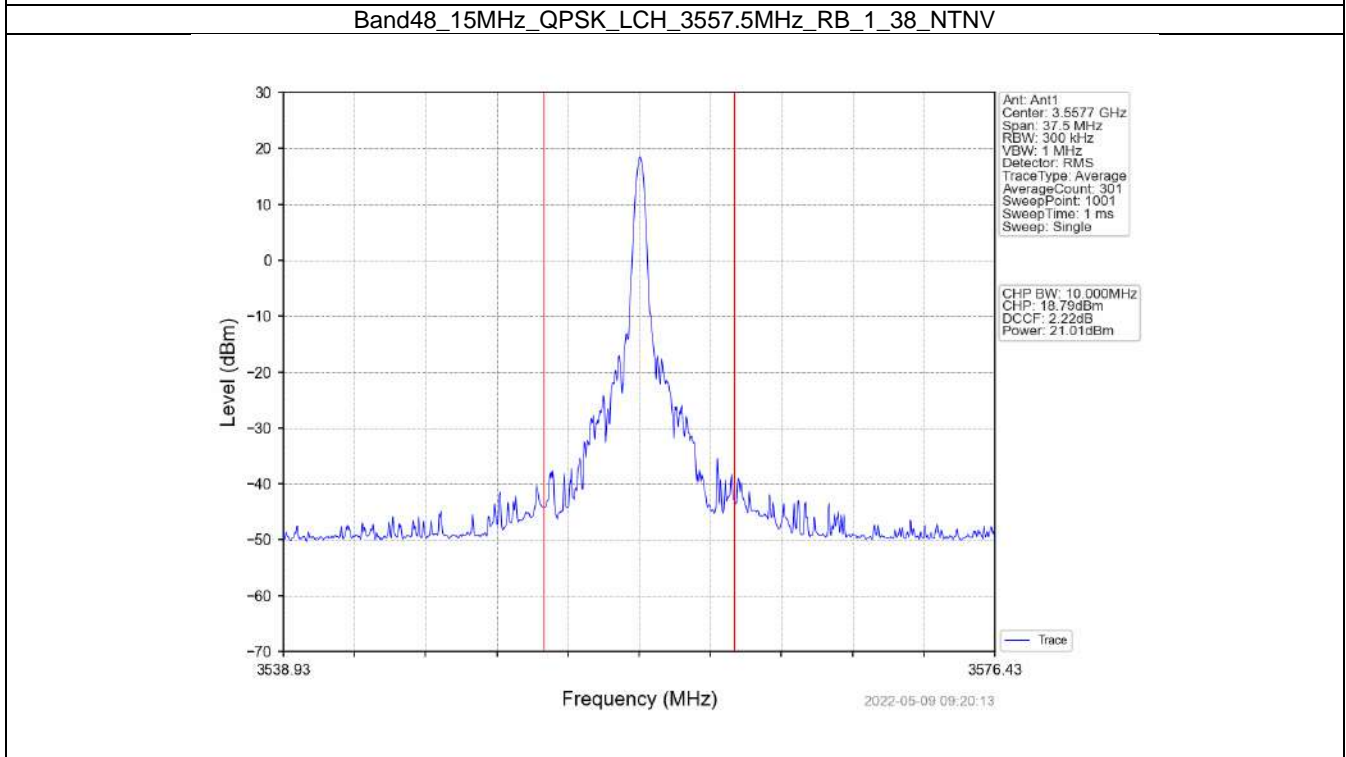
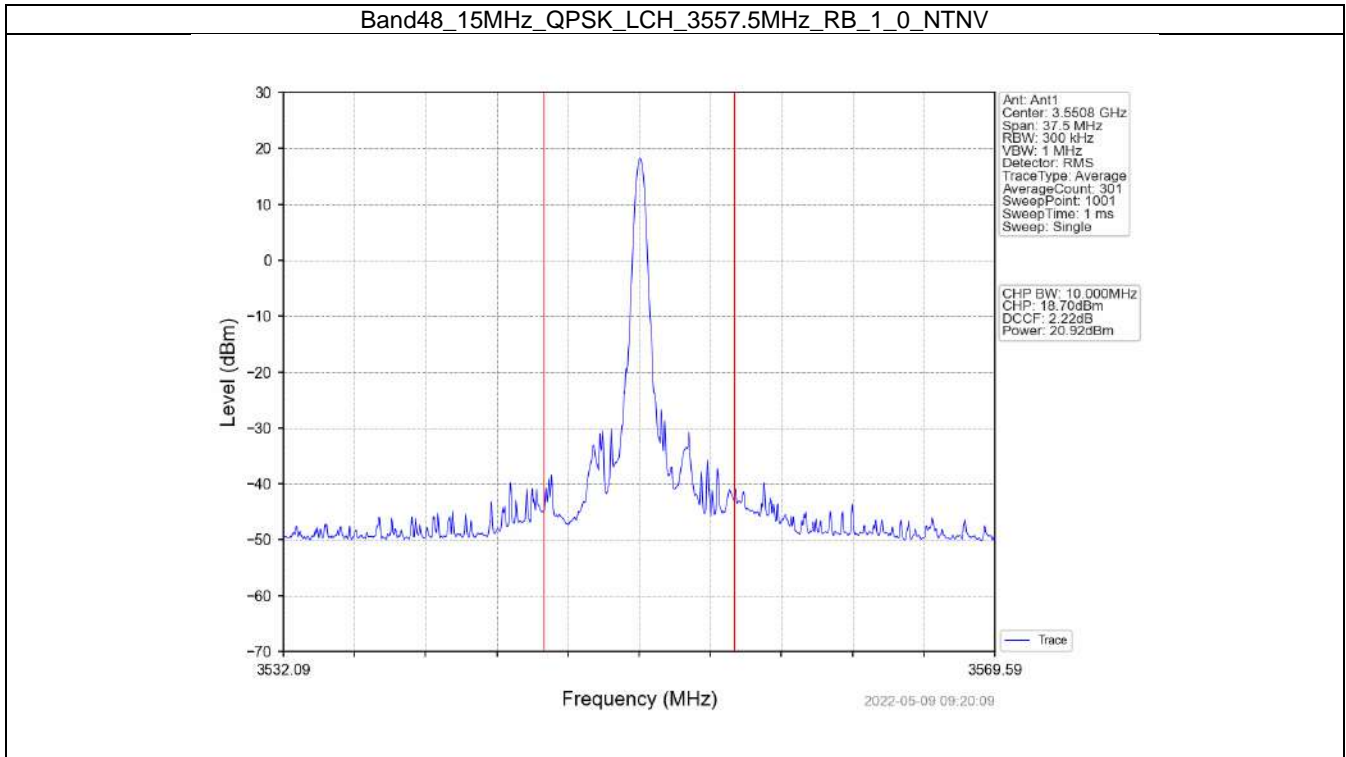
### 1.3 B48\_15MHz\_EIRP

#### 1.3.1 Test Result

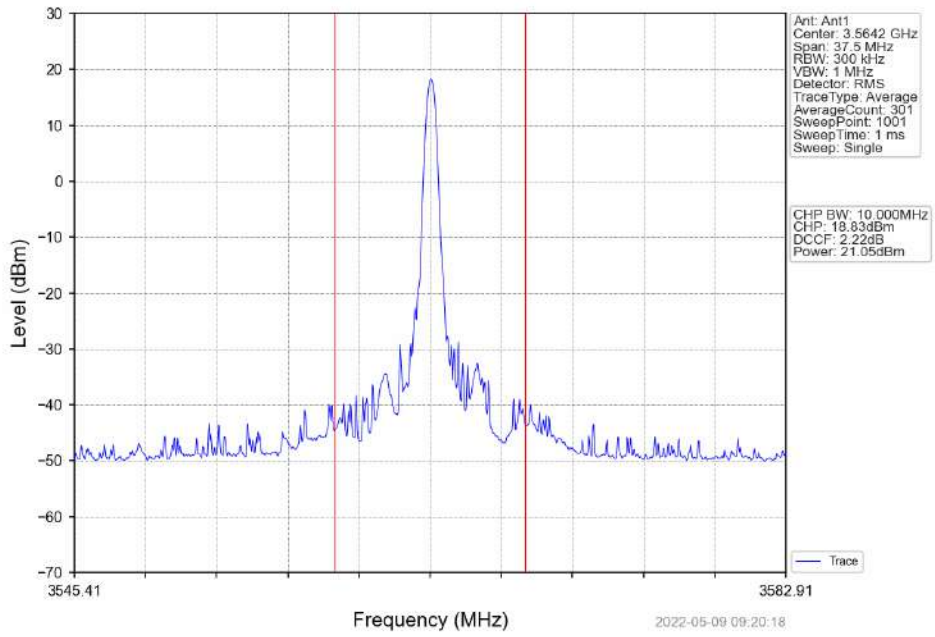
Band: 48 / Bandwidth: 15MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dbi)	EIRP (dBm/10MHz)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3557.5	1	0	20.92	-0.13	20.79	<=23	Pass		
			38	21.01	-0.13	20.88	<=23	Pass		
			74	21.05	-0.13	20.92	<=23	Pass		
		36	0	19.83	-0.13	19.70	<=23	Pass		
			18	19.93	-0.13	19.80	<=23	Pass		
			39	19.97	-0.13	19.84	<=23	Pass		
		75	0	18.31	-0.13	18.18	<=23	Pass		
		3625	1	0	21.26	-0.13	21.13	<=23	Pass	
				38	21.31	-0.13	21.18	<=23	Pass	
	74			20.64	-0.13	20.51	<=23	Pass		
	36		0	19.99	-0.13	19.86	<=23	Pass		
			18	20.26	-0.13	20.13	<=23	Pass		
			39	20.00	-0.13	19.87	<=23	Pass		
	75		0	18.73	-0.13	18.60	<=23	Pass		
	3692.5		1	0	21.51	-0.13	21.38	<=23	Pass	
				38	21.94	-0.13	21.81	<=23	Pass	
		74		21.78	-0.13	21.65	<=23	Pass		
		36	0	20.82	-0.13	20.69	<=23	Pass		
			18	20.95	-0.13	20.82	<=23	Pass		
			39	21.05	-0.13	20.92	<=23	Pass		
		75	0	19.99	-0.13	19.86	<=23	Pass		
		16QAM	3557.5	1	0	19.91	-0.13	19.78	<=23	Pass
					38	20.00	-0.13	19.87	<=23	Pass
	74				19.91	-0.13	19.78	<=23	Pass	
36	0			18.82	-0.13	18.69	<=23	Pass		
	18			18.86	-0.13	18.73	<=23	Pass		
	39			18.96	-0.13	18.83	<=23	Pass		
75	0			17.72	-0.13	17.59	<=23	Pass		
3625	1			0	19.72	-0.13	19.59	<=23	Pass	
				38	19.97	-0.13	19.84	<=23	Pass	
			74	20.12	-0.13	19.99	<=23	Pass		
	36		0	16.93	-0.13	16.80	<=23	Pass		
			18	19.34	-0.13	19.21	<=23	Pass		
			39	19.29	-0.13	19.16	<=23	Pass		
	75		0	18.07	-0.13	17.94	<=23	Pass		
	3692.5		1	0	20.57	-0.13	20.44	<=23	Pass	
				38	20.57	-0.13	20.44	<=23	Pass	
74				20.89	-0.13	20.76	<=23	Pass		
36			0	19.92	-0.13	19.79	<=23	Pass		
			18	17.79	-0.13	17.66	<=23	Pass		
			39	19.96	-0.13	19.83	<=23	Pass		
75			0	18.81	-0.13	18.68	<=23	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

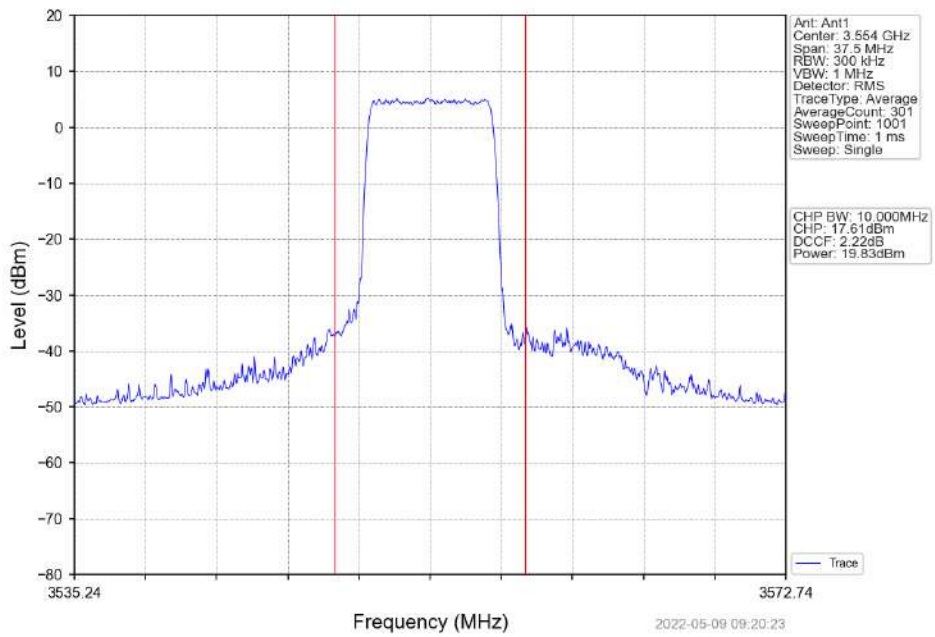
### 1.3.2 Test Graph



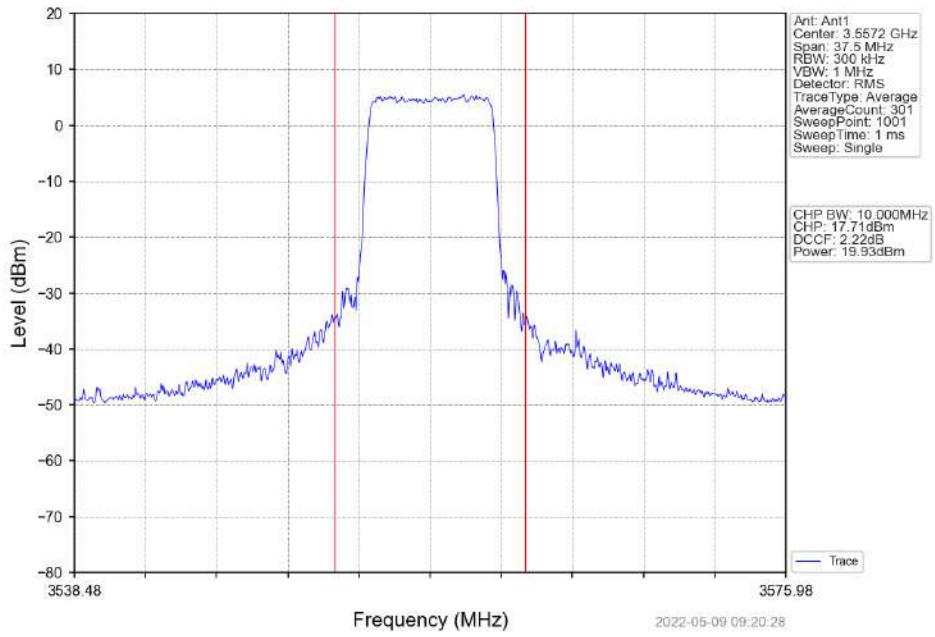
Band48\_15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_1\_74\_NTNV



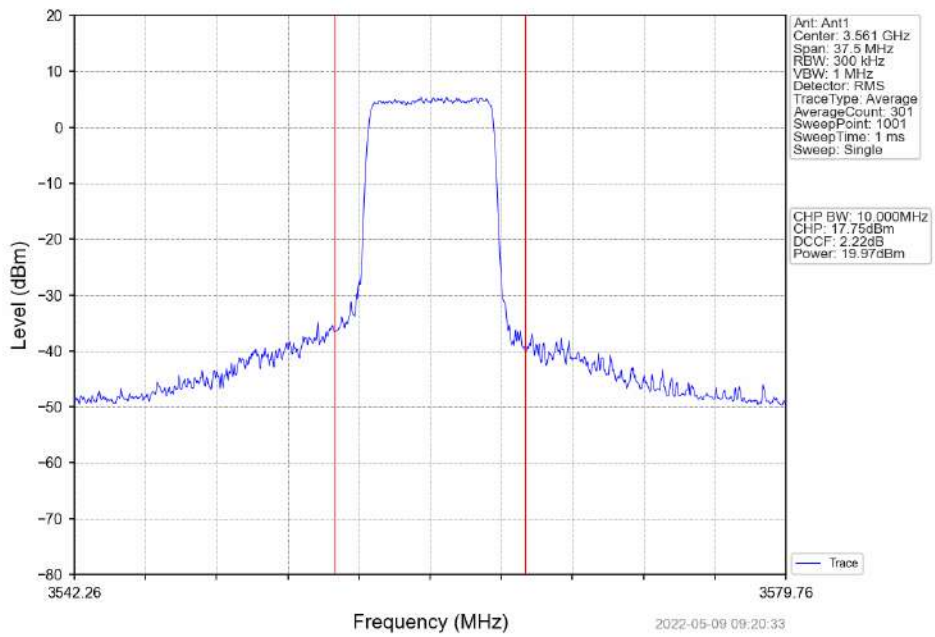
Band48\_15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_36\_0\_NTNV



Band48\_15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_36\_18\_NTNV

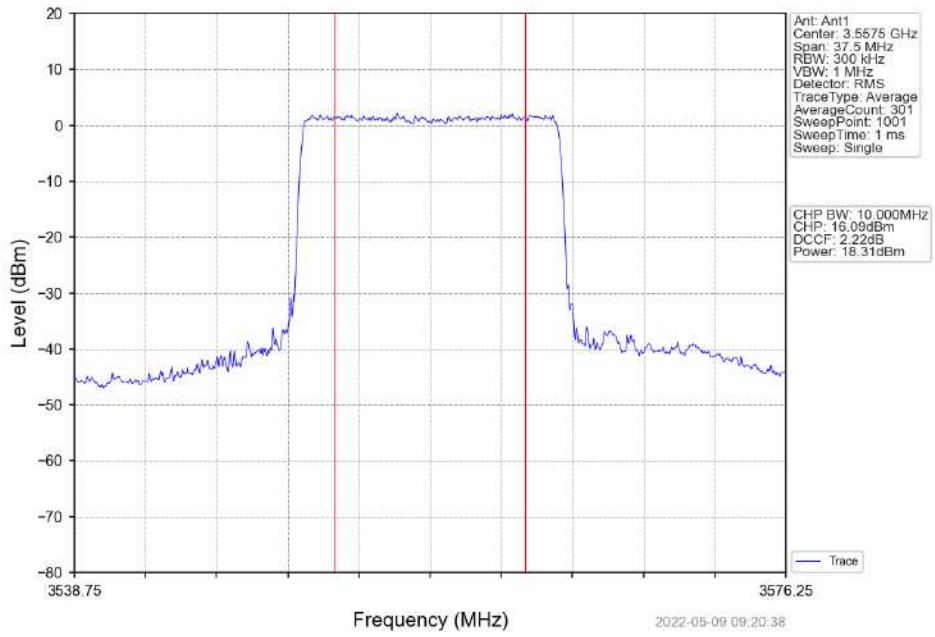


Band48\_15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_36\_39\_NTNV

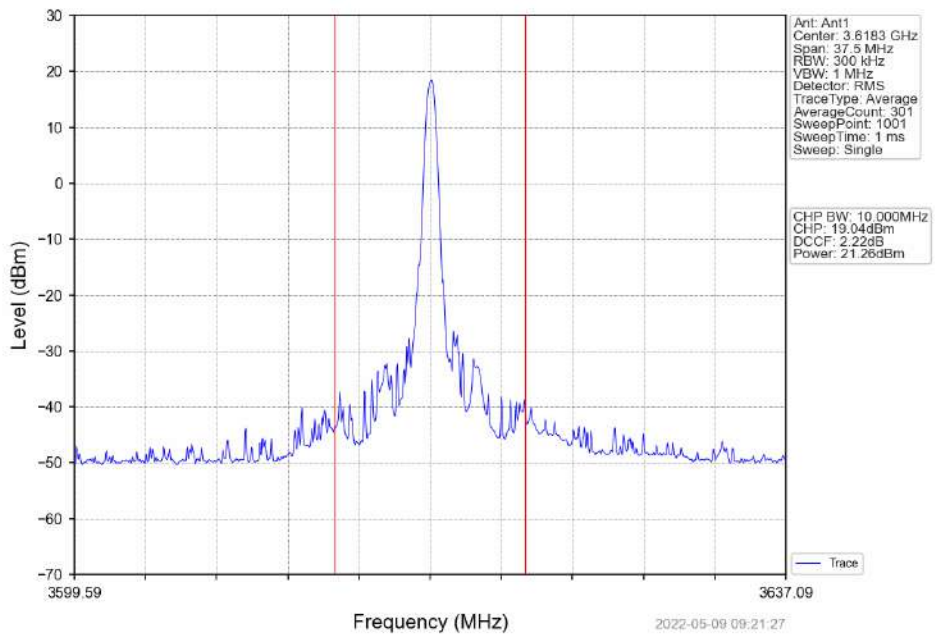




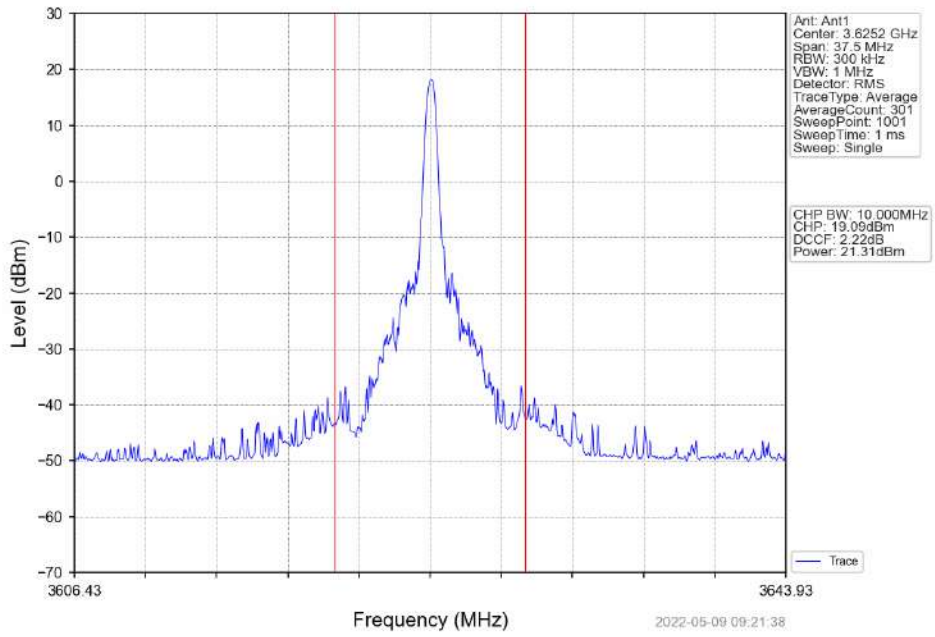
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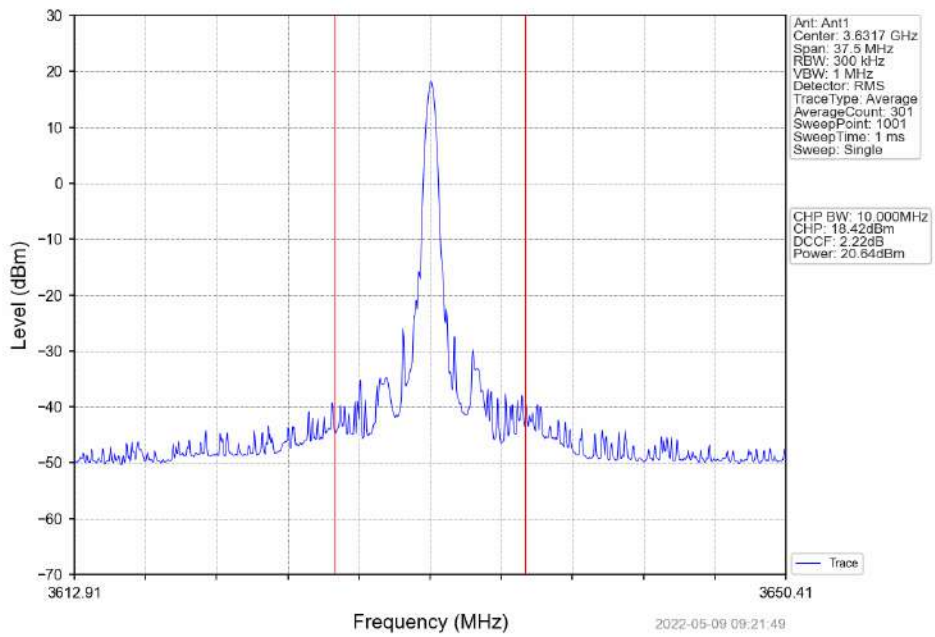
Band48\_15MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



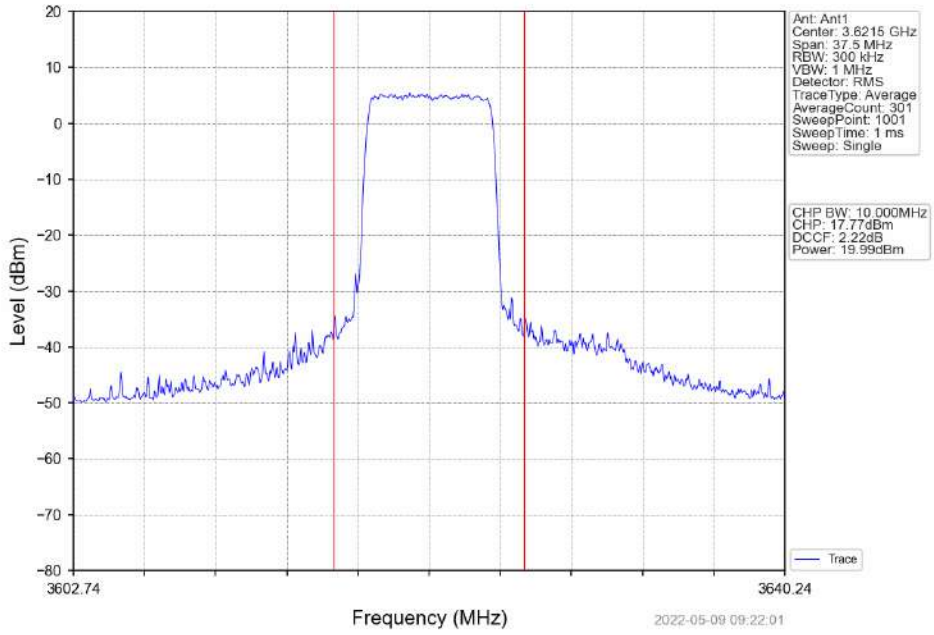
Band48\_15MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_38\_NTNV



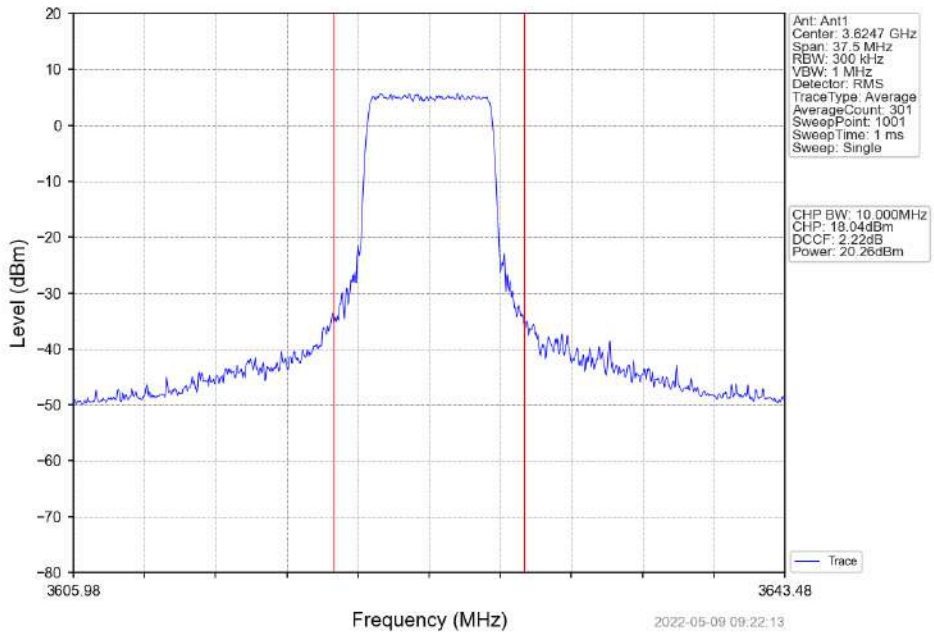
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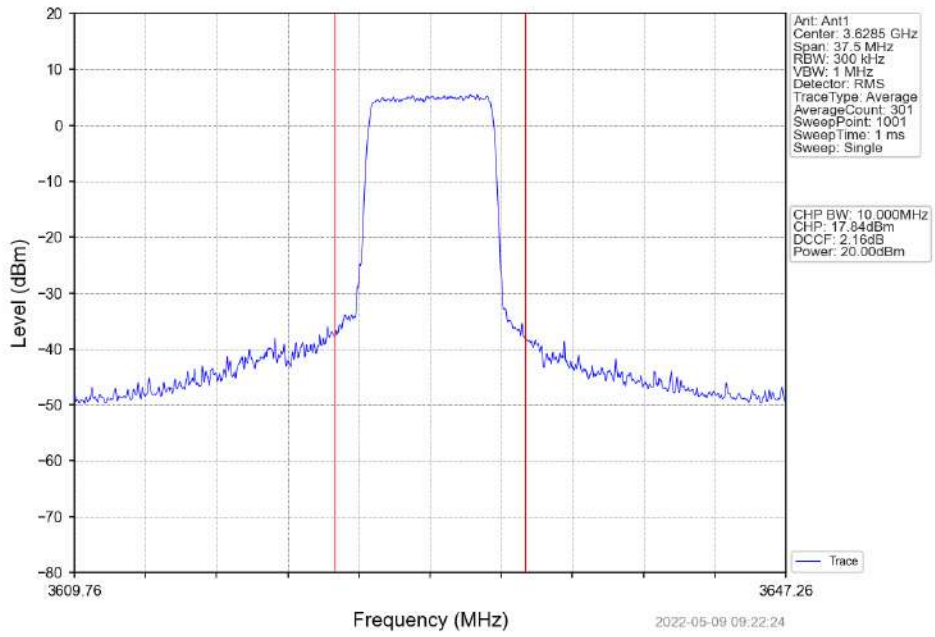
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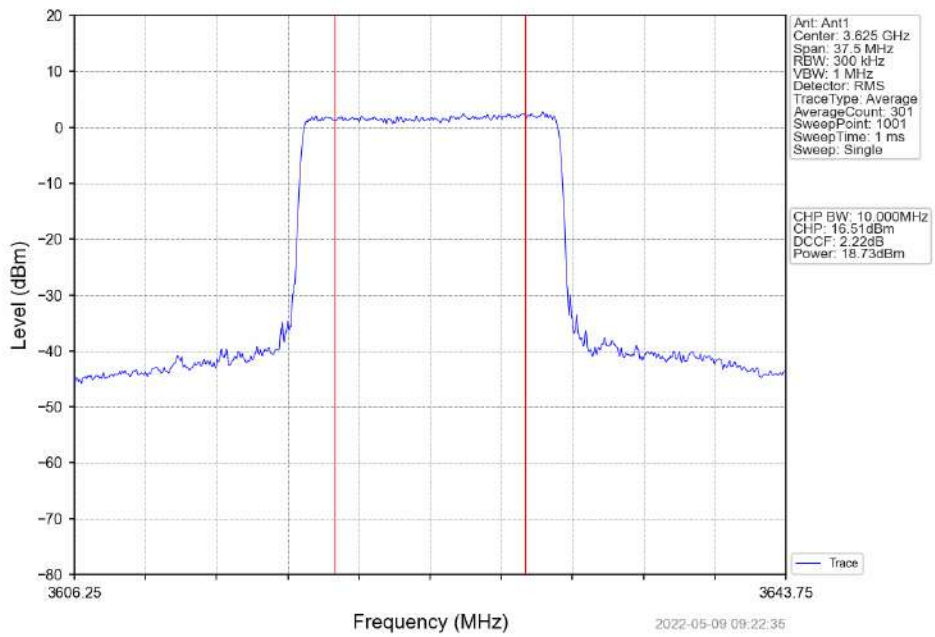
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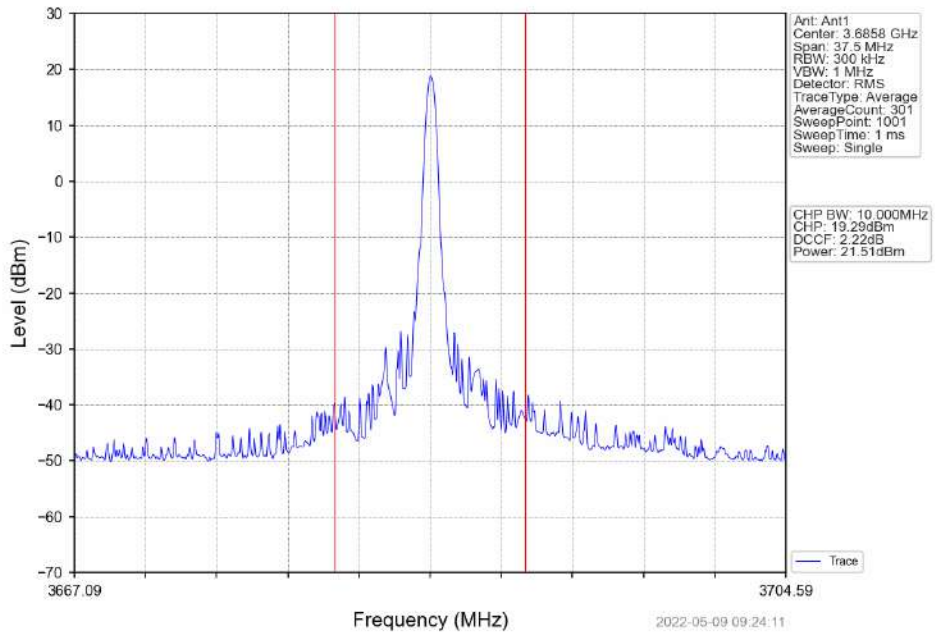
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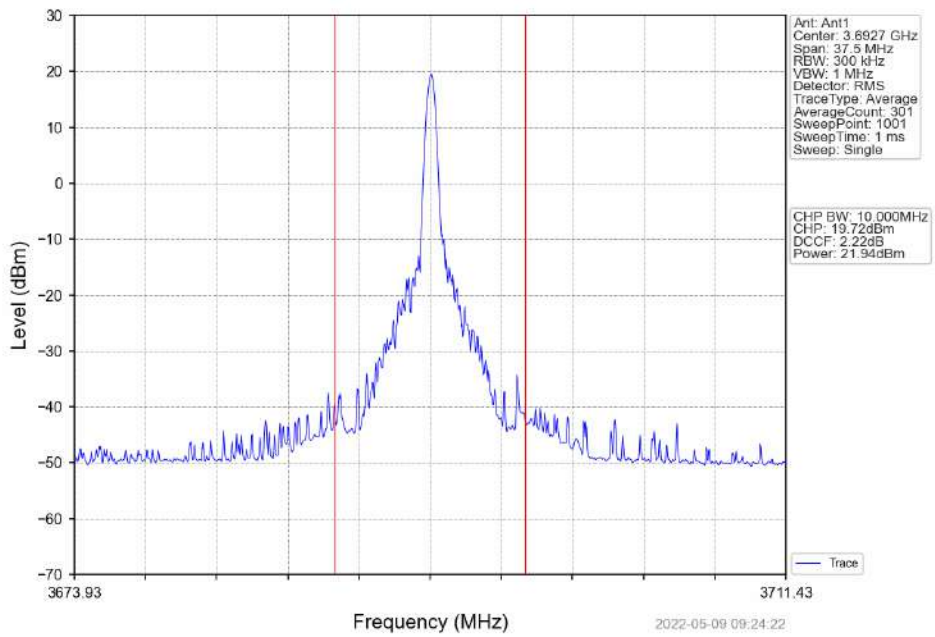
Band48\_15MHz\_QPSK\_MCH\_3625MHz\_RB\_75\_0\_NTNV



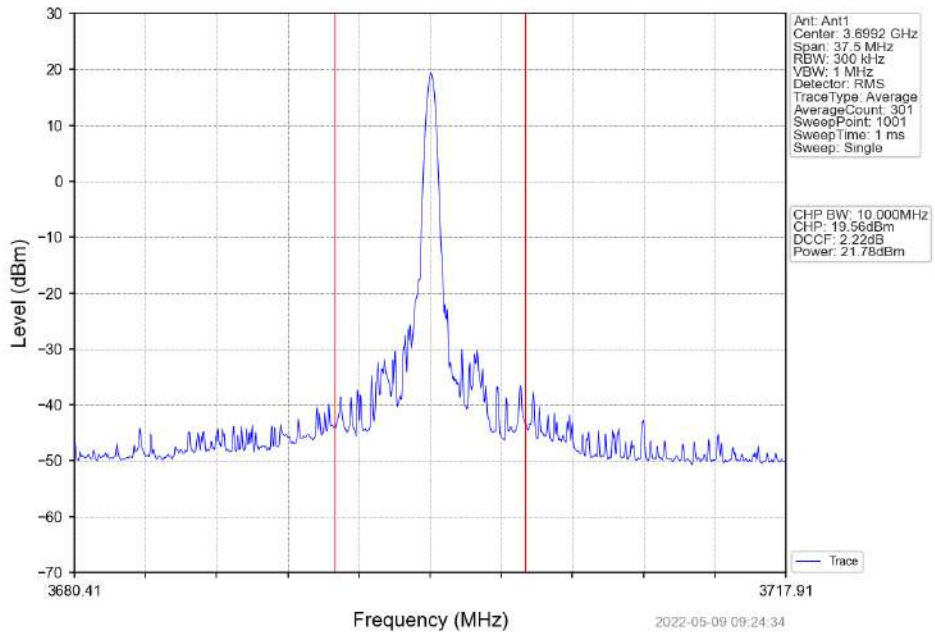
Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_1\_0\_NTNV



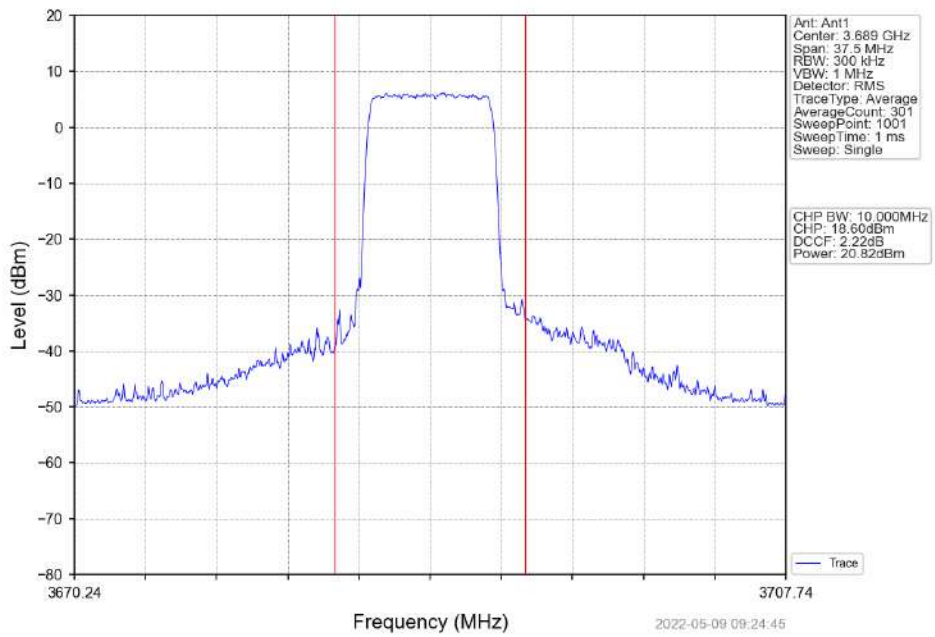
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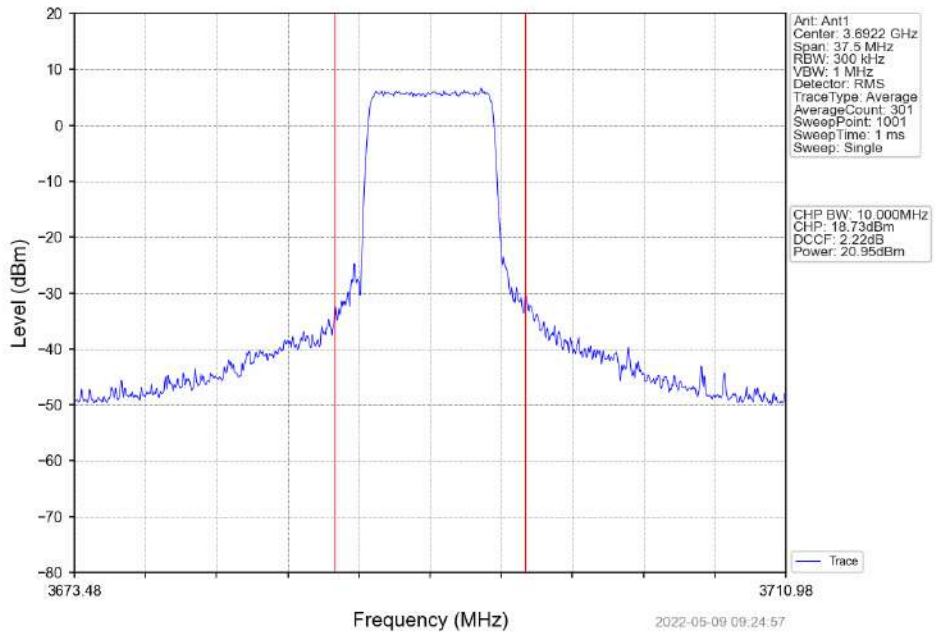
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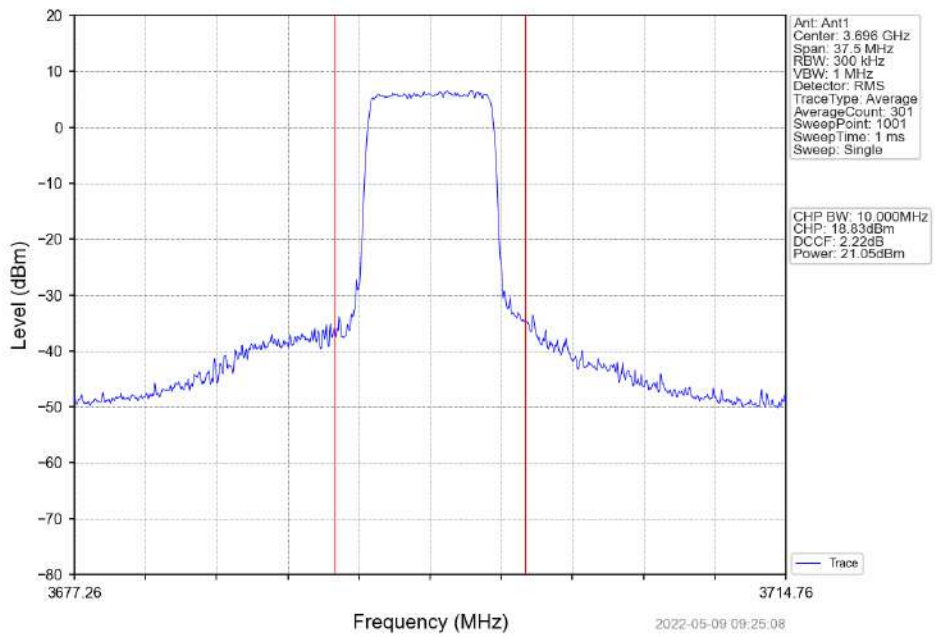
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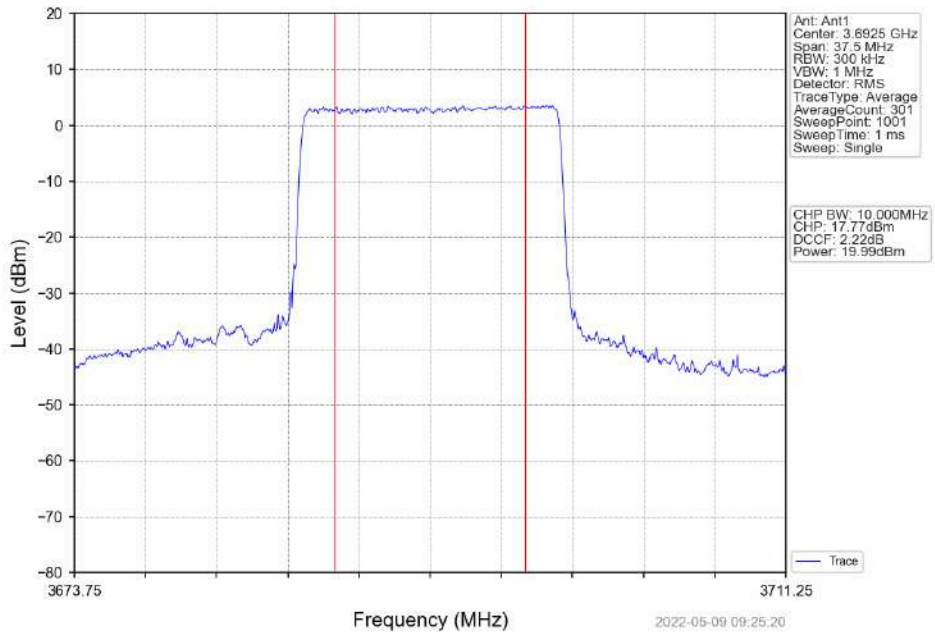
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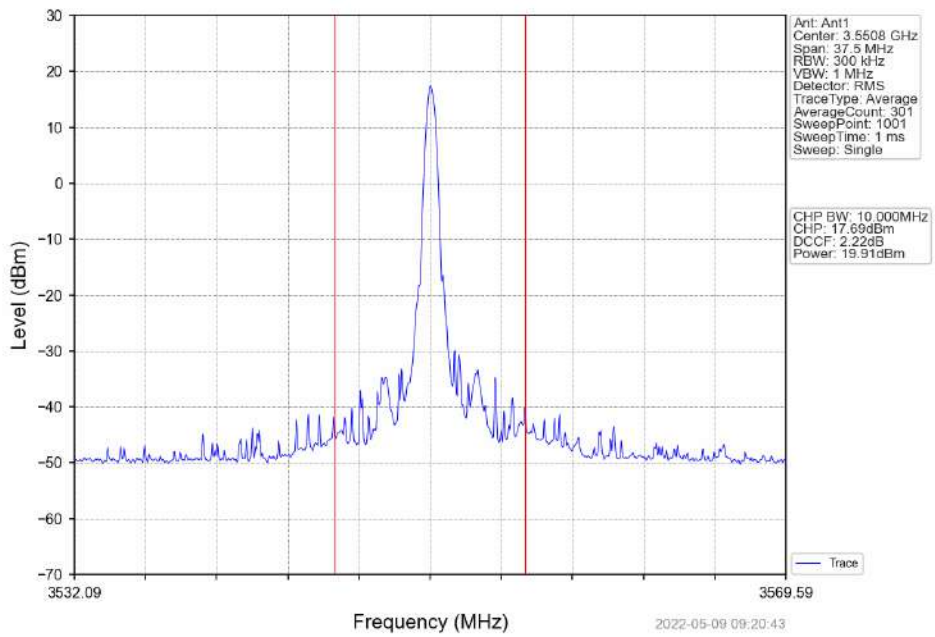
Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_36\_39\_NTNV



Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV

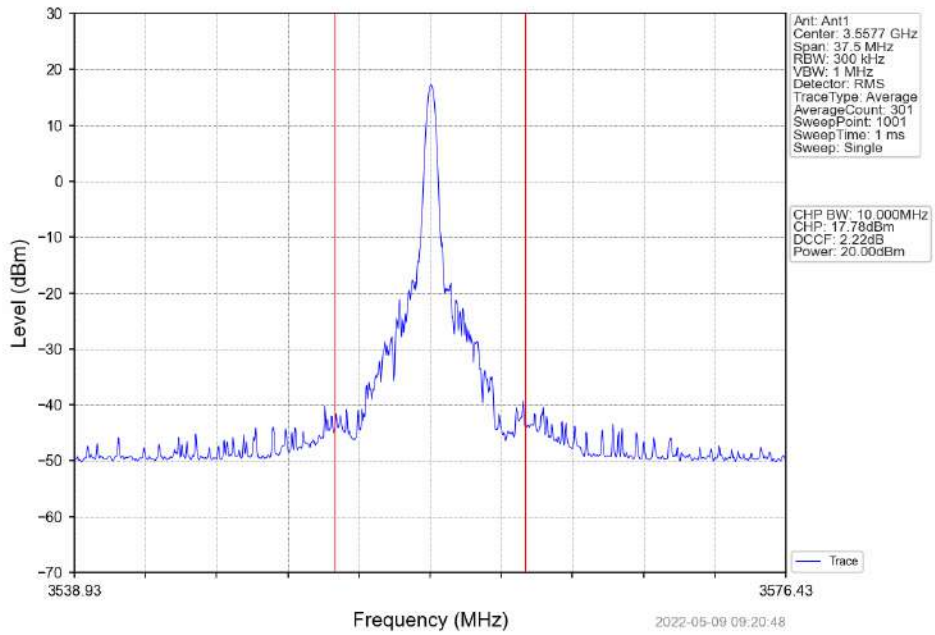


Band48\_15MHz\_16QAM\_LCH\_3557.5MHz\_RB\_1\_0\_NTNV

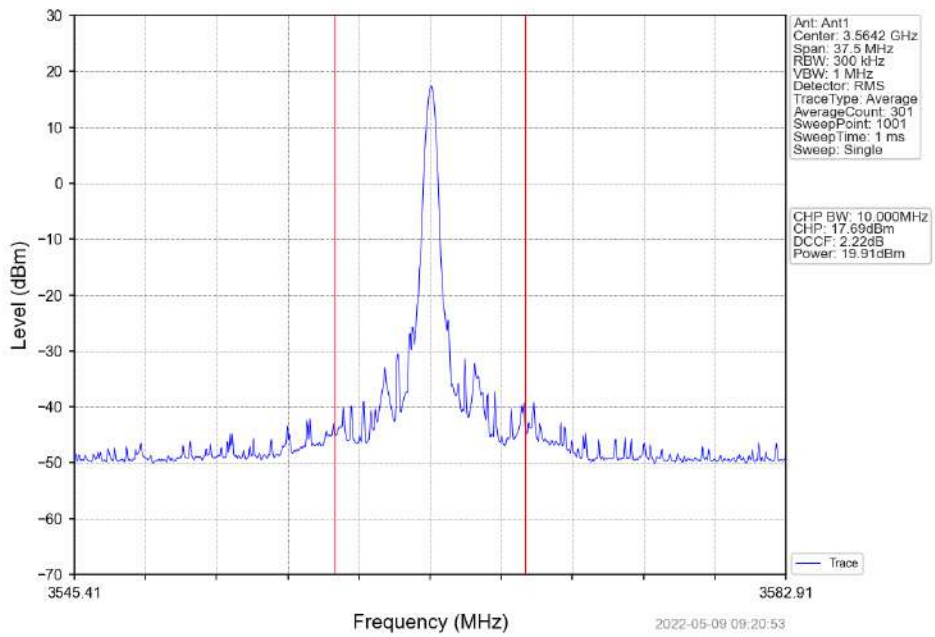




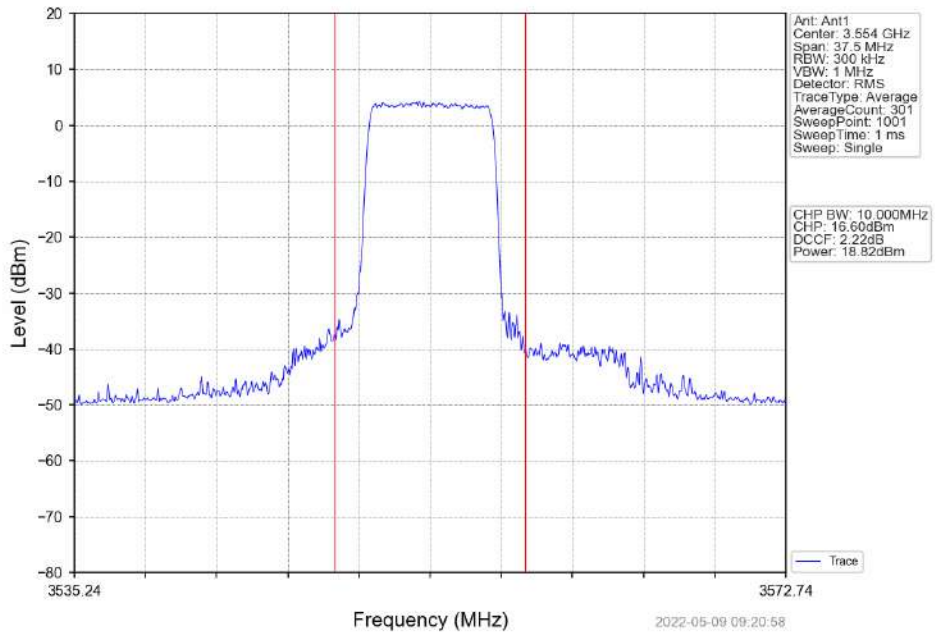
Band48\_15MHz\_16QAM\_LCH\_3557.5MHz\_RB\_1\_38\_NTNV



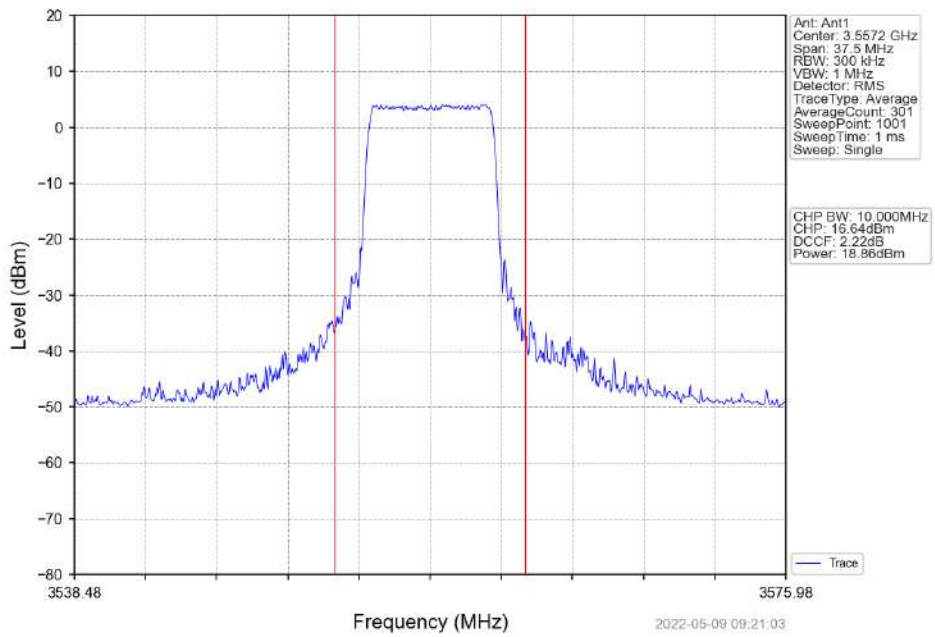
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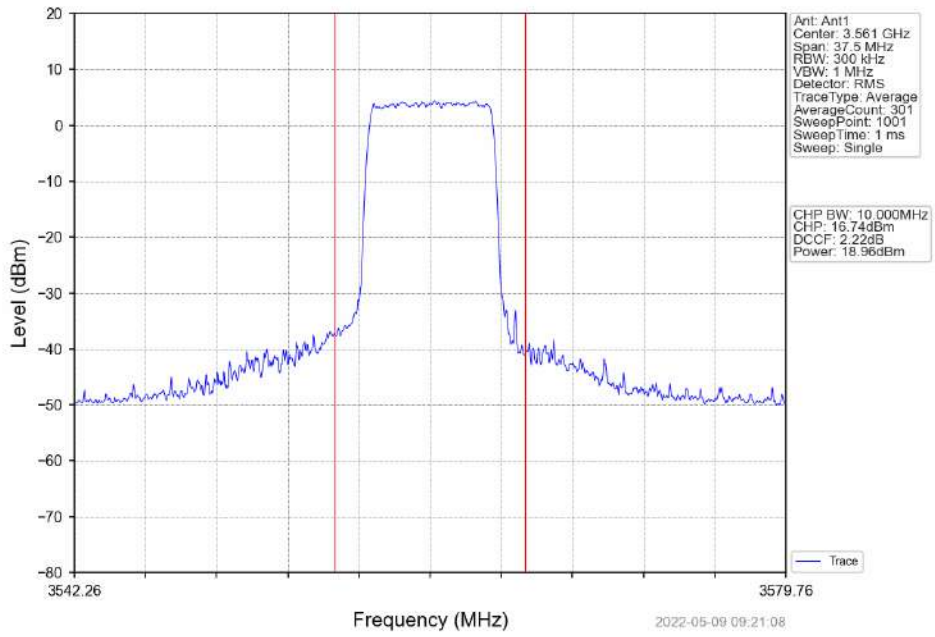
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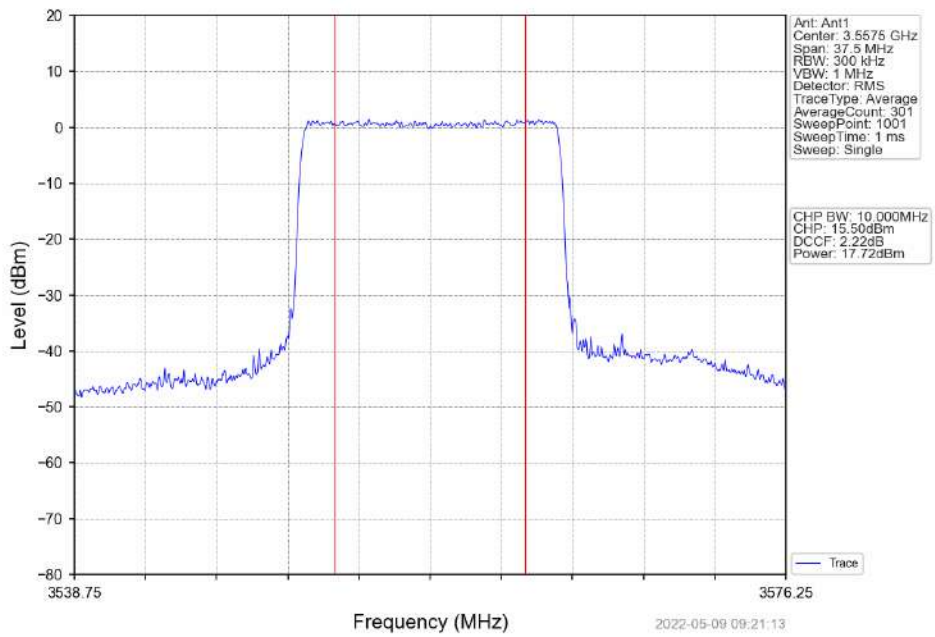
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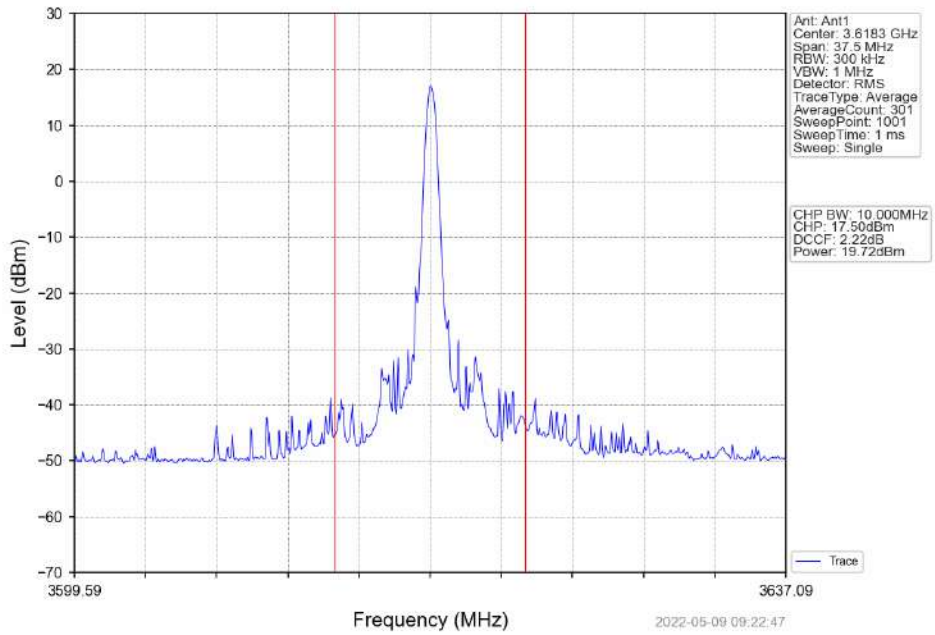
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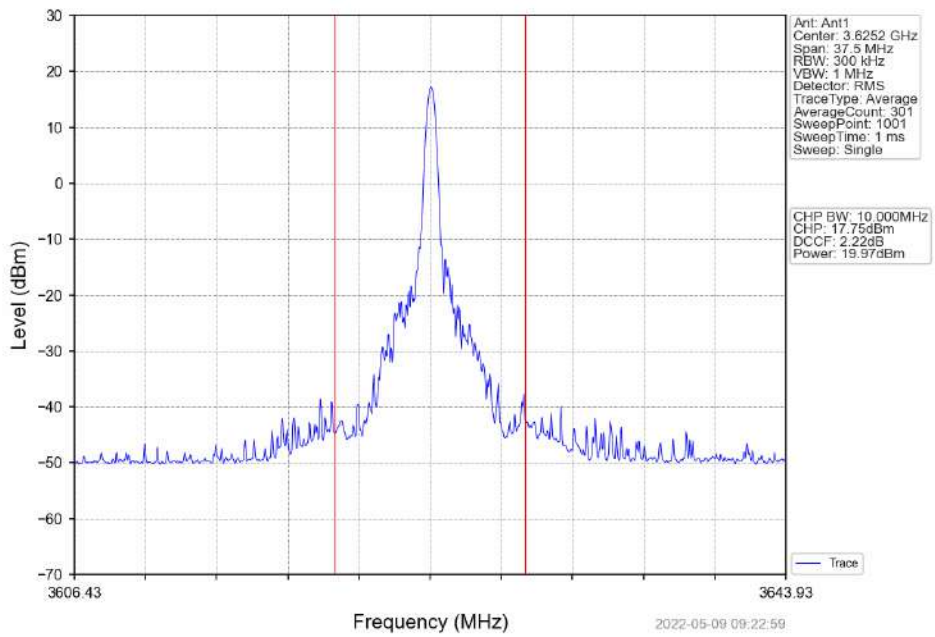
Band48\_15MHz\_16QAM\_LCH\_3557.5MHz\_RB\_75\_0\_NTNV



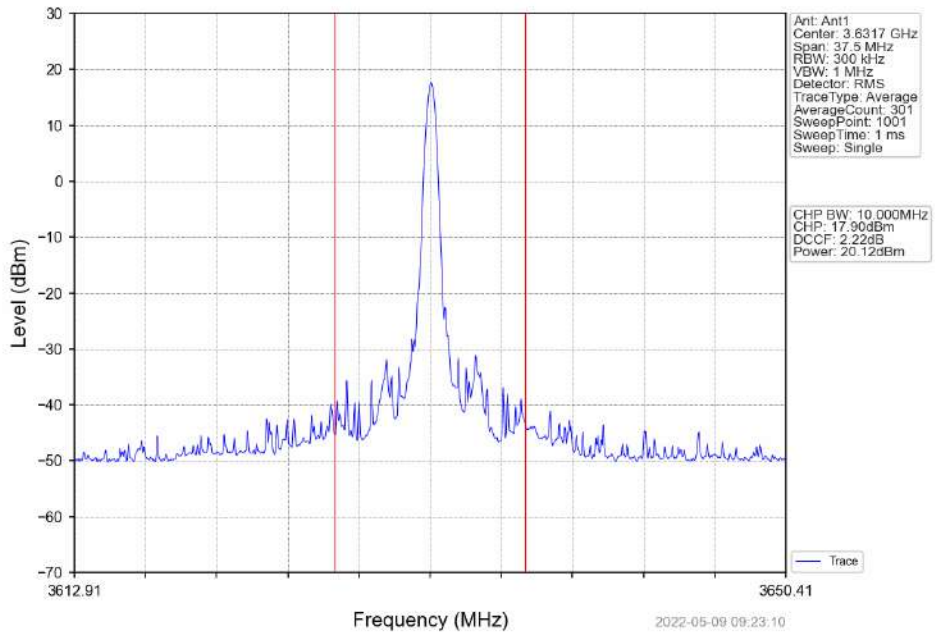
Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV



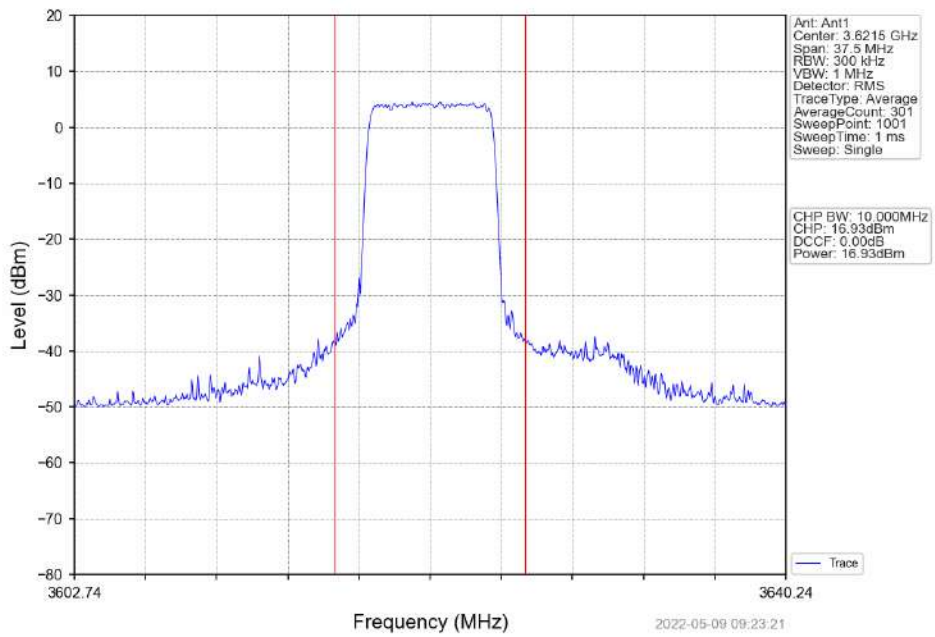
Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_38\_NTNV



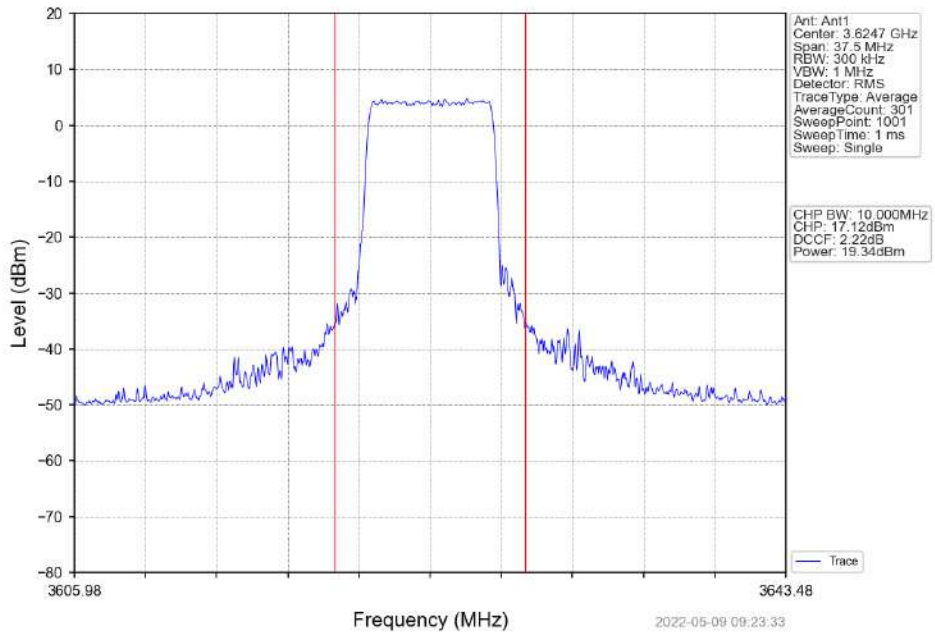
Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_74\_NTNV



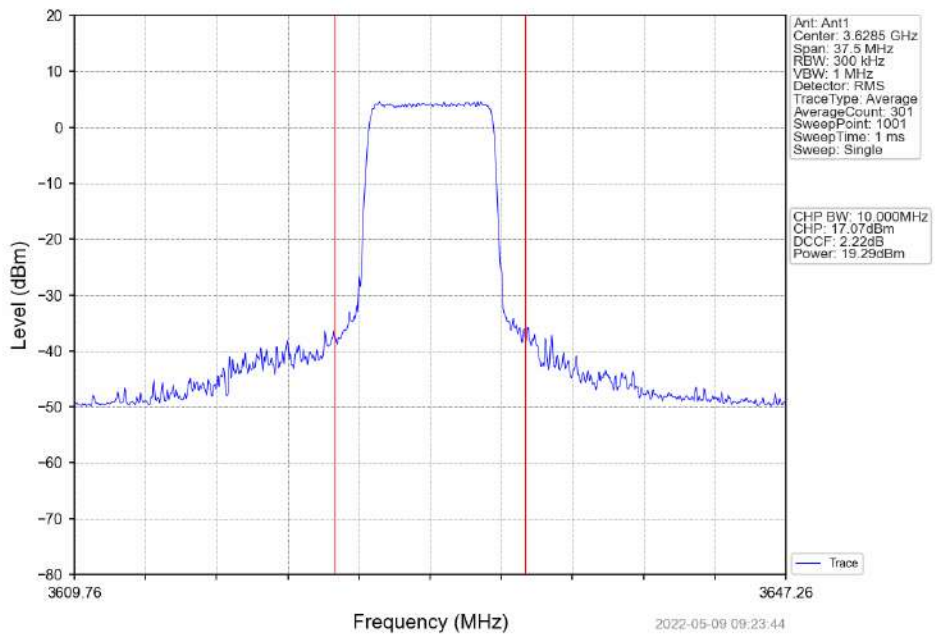
Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_36\_0\_NTNV



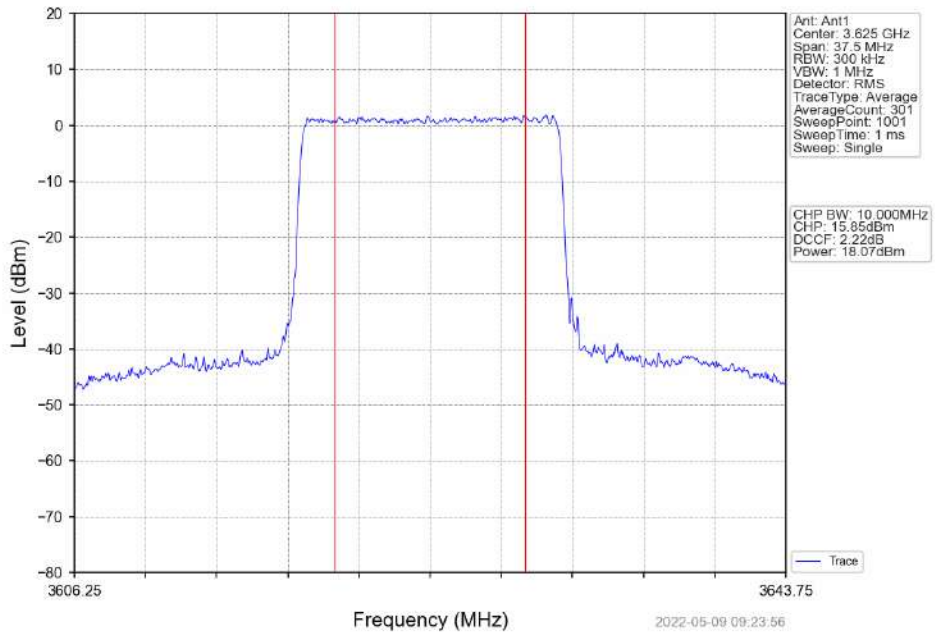
Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_36\_18\_NTNV



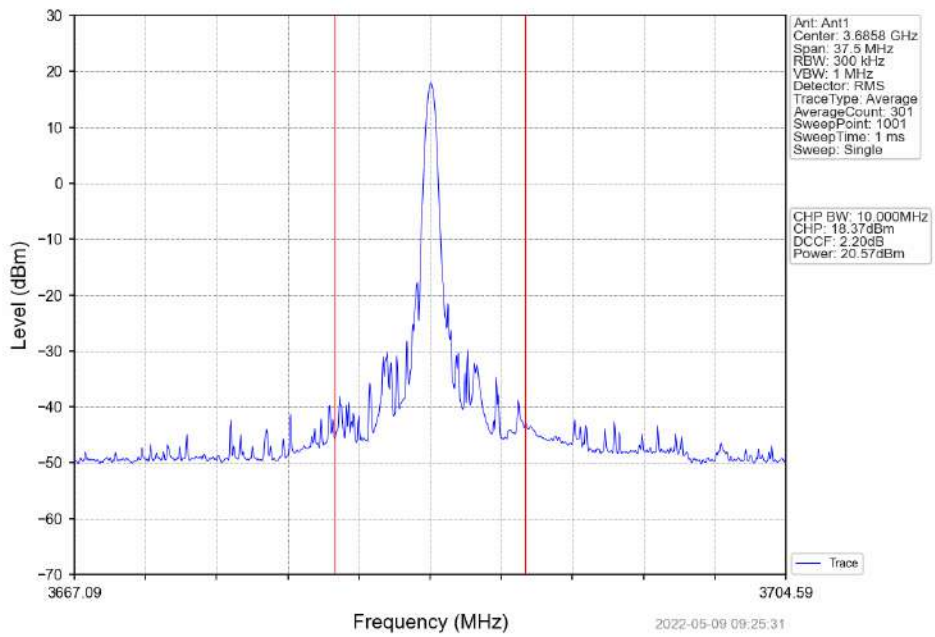
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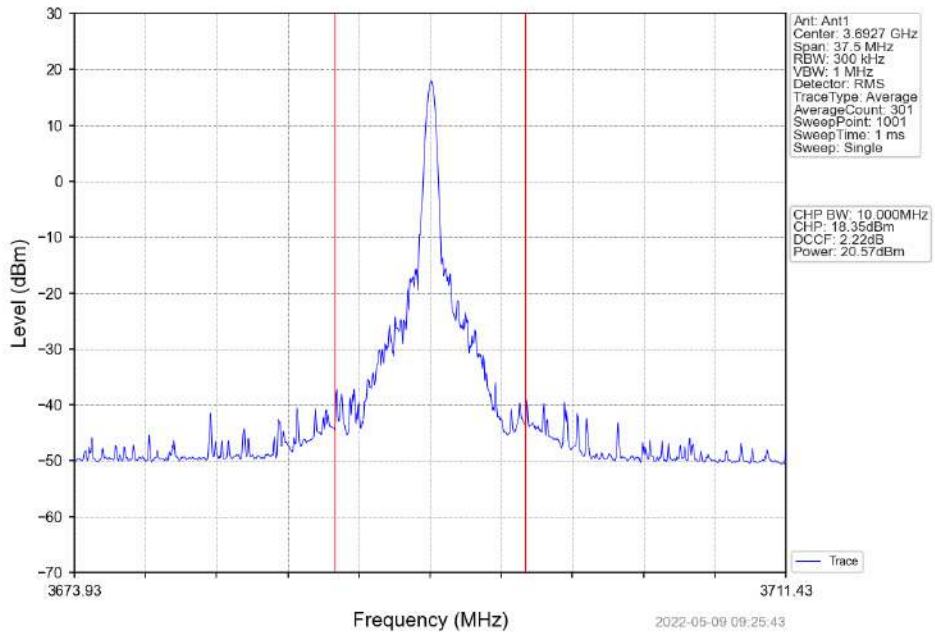
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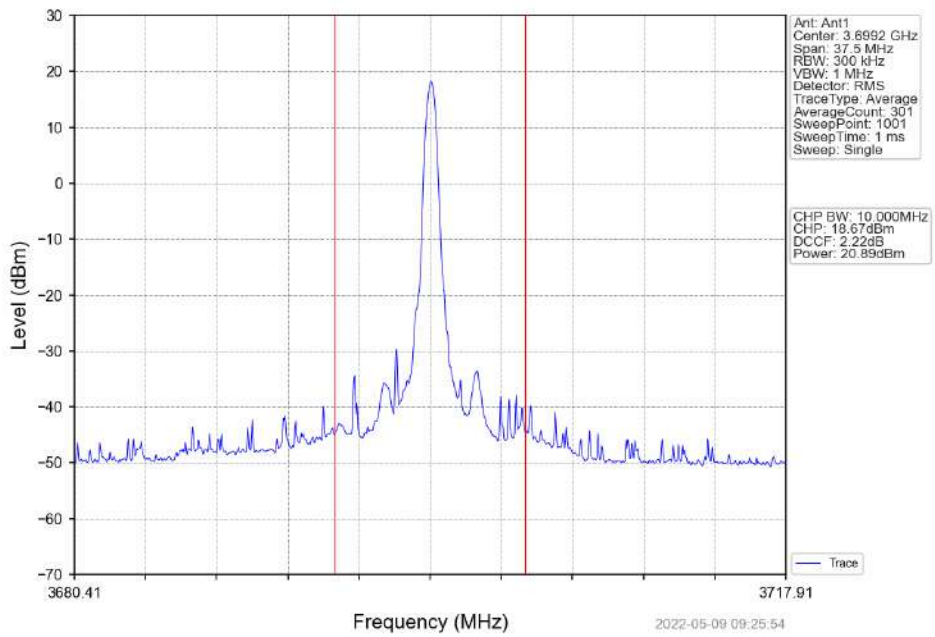
Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_1\_0\_NTNV



Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_1\_38\_NTNV

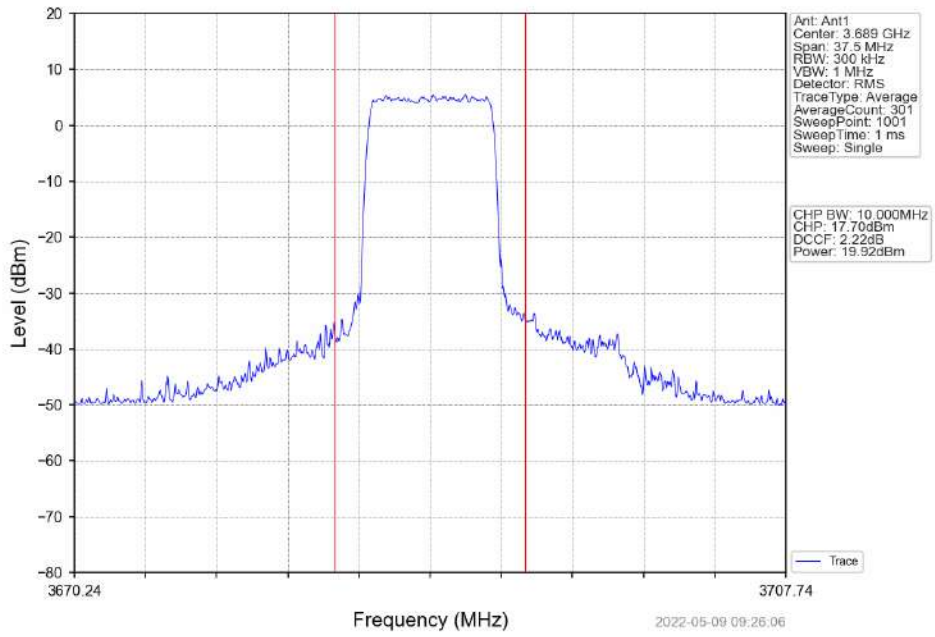


Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_1\_74\_NTNV

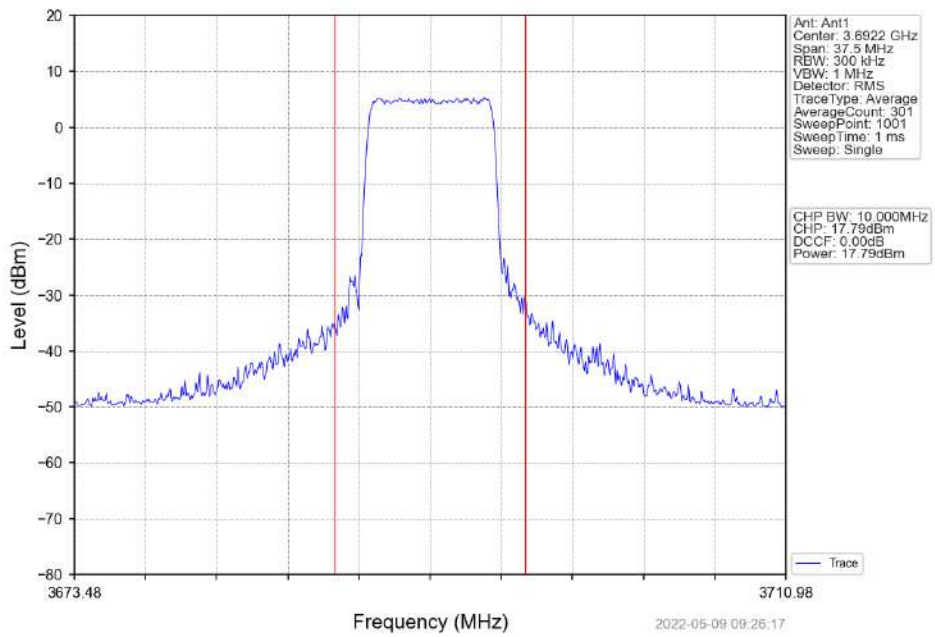




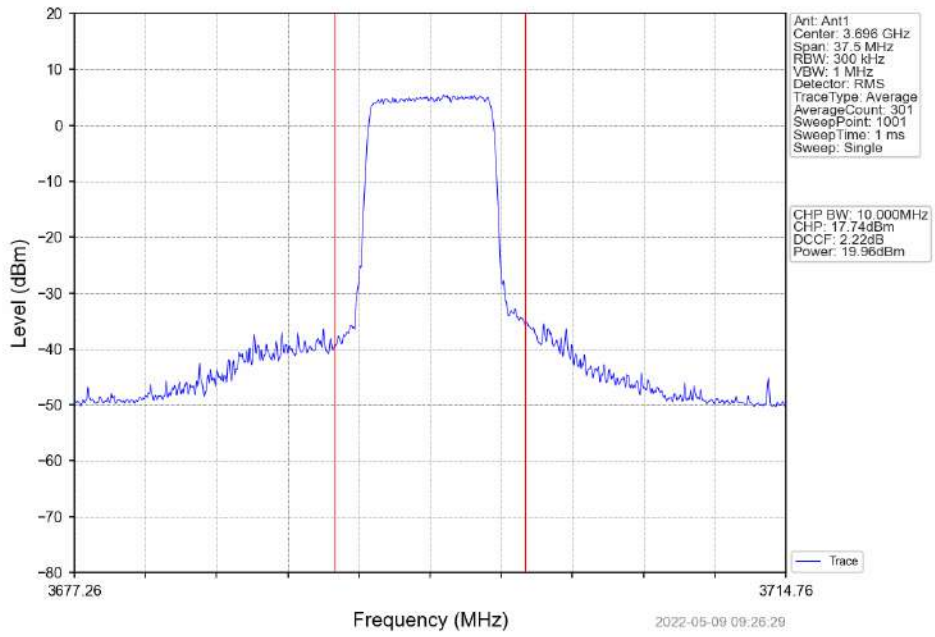
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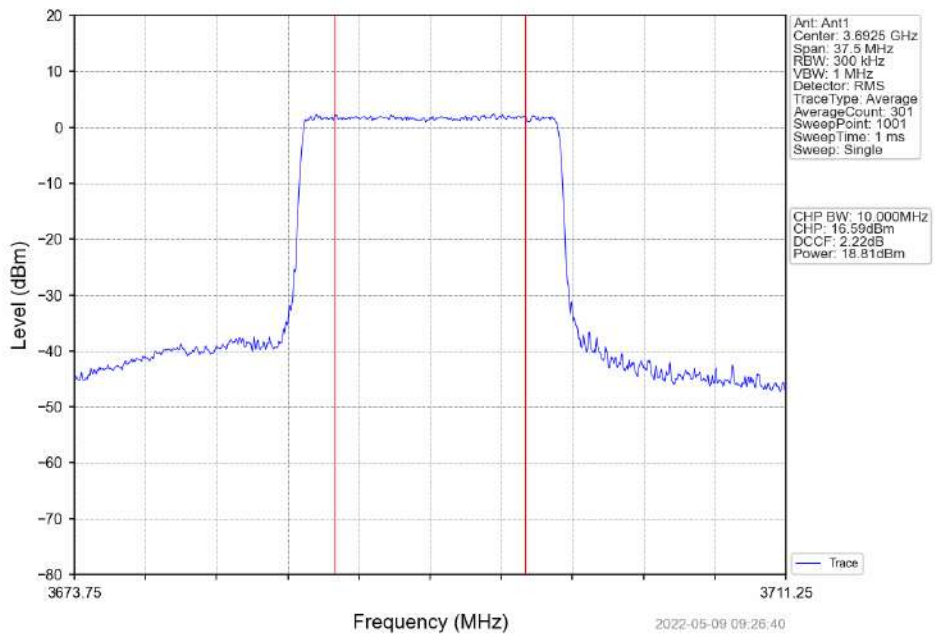
Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_36\_18\_NTNV



Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_36\_39\_NTNV



Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV



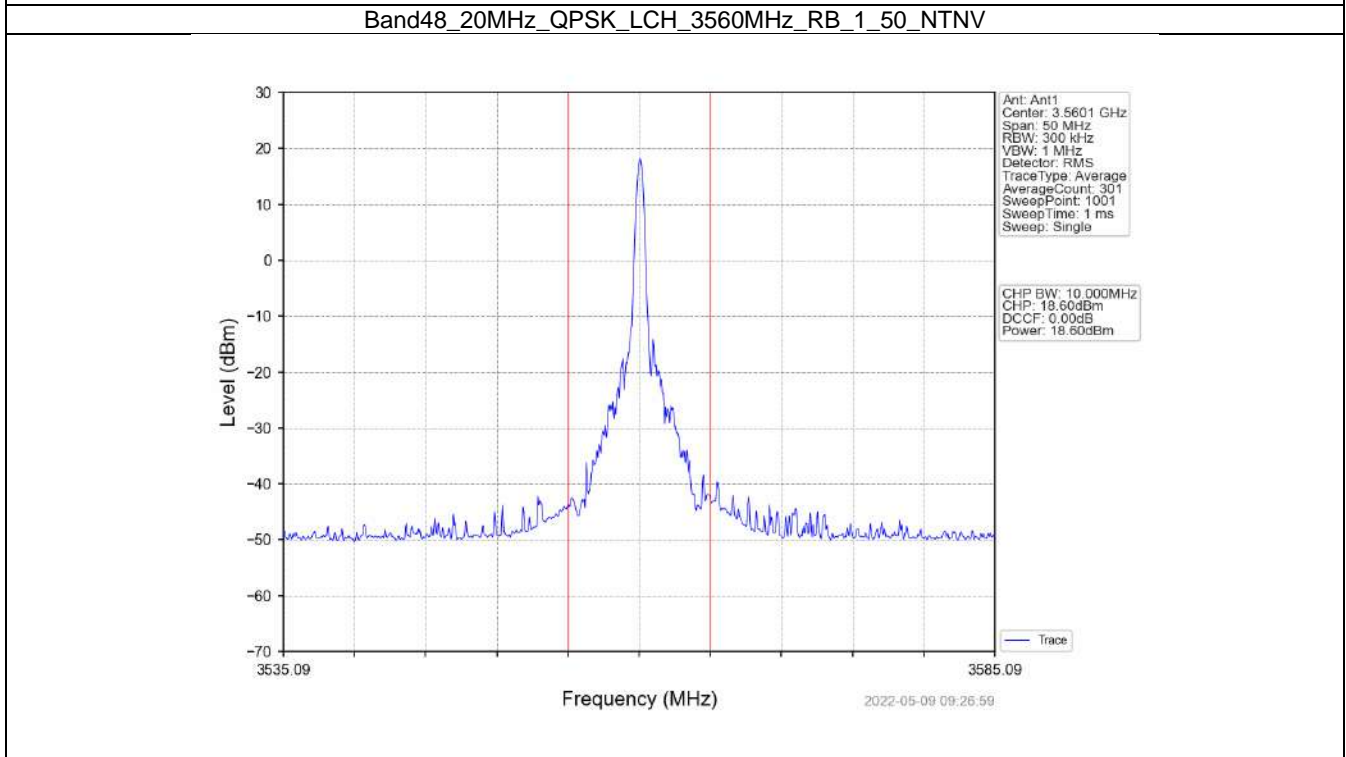
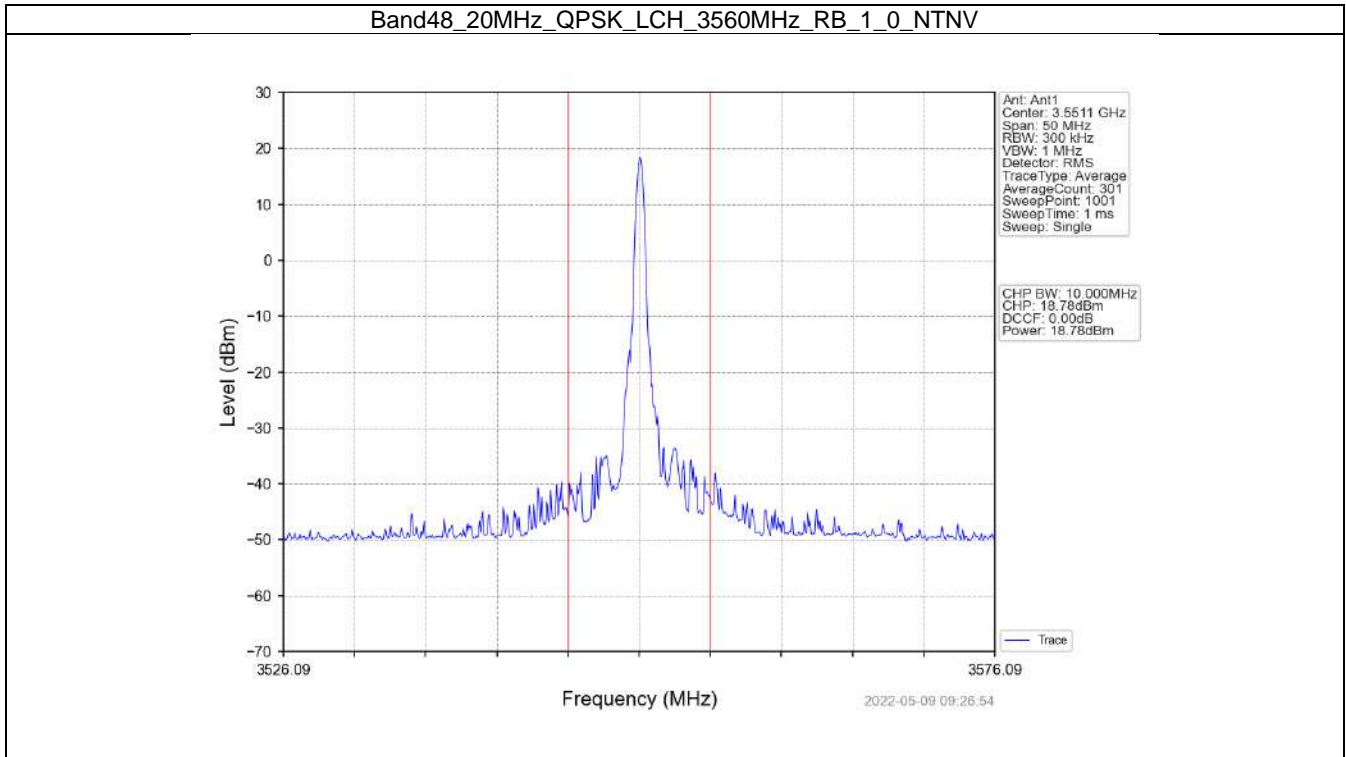
## 1.4 B48\_20MHz\_EIRP

### 1.4.1 Test Result

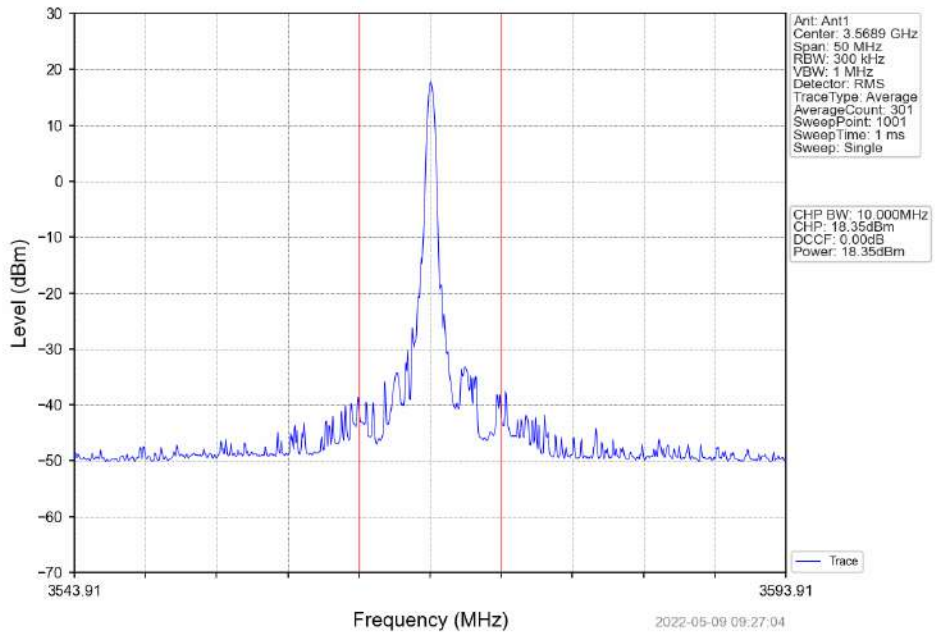
Band: 48 / Bandwidth: 20MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dbi)	EIRP (dBm/10MHz)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3560	1	0	18.78	-0.13	18.65	<=23	Pass		
			50	18.60	-0.13	18.47	<=23	Pass		
			99	18.35	-0.13	18.22	<=23	Pass		
		50	0	19.83	-0.13	19.70	<=23	Pass		
			25	19.82	-0.13	19.69	<=23	Pass		
			50	19.85	-0.13	19.72	<=23	Pass		
		100	0	17.29	-0.13	17.16	<=23	Pass		
		3625	1	0	20.92	-0.13	20.79	<=23	Pass	
				50	20.83	-0.13	20.70	<=23	Pass	
	99			21.04	-0.13	20.91	<=23	Pass		
	50		0	20.09	-0.13	19.96	<=23	Pass		
			25	20.22	-0.13	20.09	<=23	Pass		
			50	19.59	-0.13	19.46	<=23	Pass		
	100		0	17.32	-0.13	17.19	<=23	Pass		
	3690		1	0	19.63	-0.13	19.50	<=23	Pass	
				50	19.80	-0.13	19.67	<=23	Pass	
		99		19.80	-0.13	19.67	<=23	Pass		
		50	0	20.82	-0.13	20.69	<=23	Pass		
			25	21.05	-0.13	20.92	<=23	Pass		
			50	18.60	-0.13	18.47	<=23	Pass		
		100	0	15.97	-0.13	15.84	<=23	Pass		
		16QAM	3560	1	0	20.13	-0.13	20.00	<=23	Pass
					50	20.26	-0.13	20.13	<=23	Pass
	99				17.28	-0.13	17.15	<=23	Pass	
50	0			16.77	-0.13	16.64	<=23	Pass		
	25			19.08	-0.13	18.95	<=23	Pass		
	50			18.90	-0.13	18.77	<=23	Pass		
100	0			16.27	-0.13	16.14	<=23	Pass		
3625	1			0	20.32	-0.13	20.19	<=23	Pass	
				50	20.17	-0.13	20.04	<=23	Pass	
			99	18.36	-0.13	18.23	<=23	Pass		
	50		0	19.08	-0.13	18.95	<=23	Pass		
			25	16.84	-0.13	16.71	<=23	Pass		
			50	18.93	-0.13	18.80	<=23	Pass		
	100		0	13.75	-0.13	13.62	<=23	Pass		
	3690		1	0	20.46	-0.13	20.33	<=23	Pass	
				50	21.44	-0.13	21.31	<=23	Pass	
99				21.24	-0.13	21.11	<=23	Pass		
50			0	19.48	-0.13	19.35	<=23	Pass		
			25	19.94	-0.13	19.81	<=23	Pass		
			50	20.05	-0.13	19.92	<=23	Pass		
100			0	17.20	-0.13	17.07	<=23	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

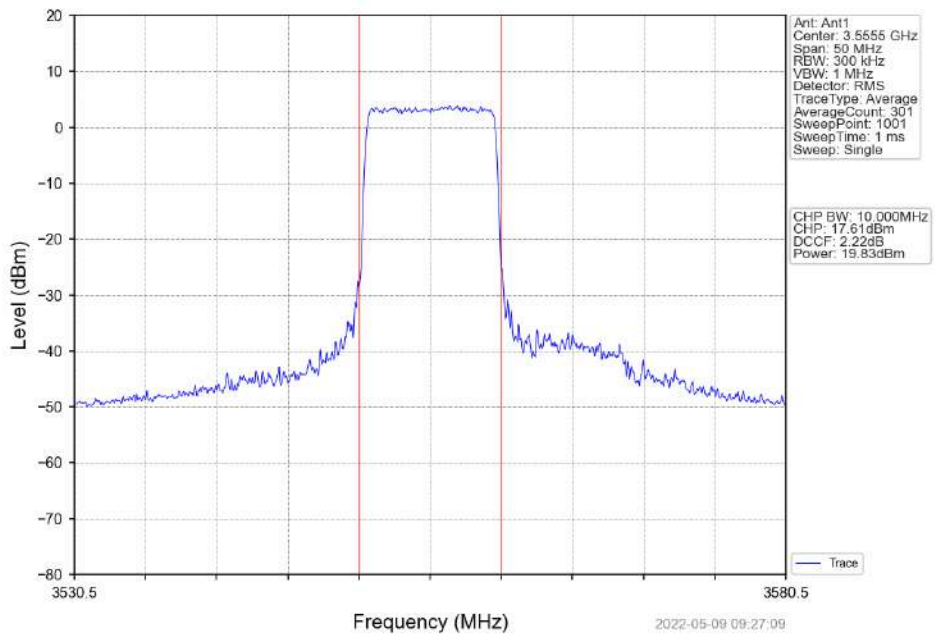
### 1.4.2 Test Graph



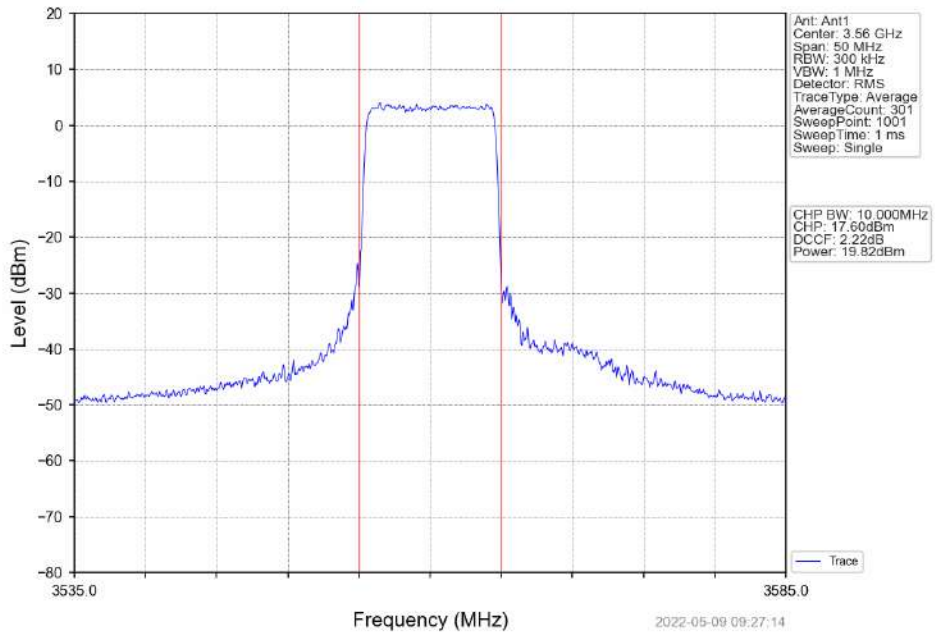
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_1\_99\_NTNV



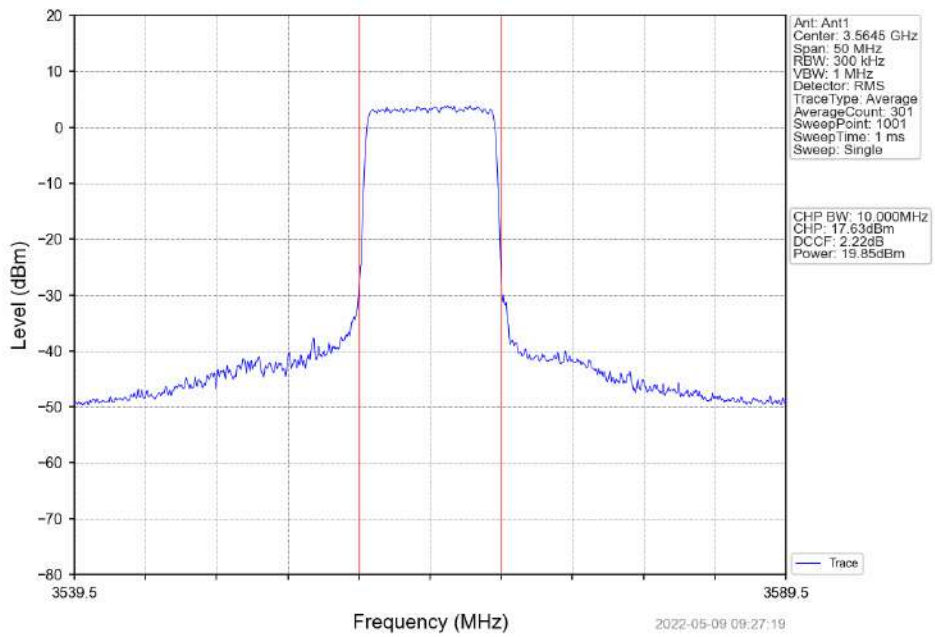
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_50\_0\_NTNV



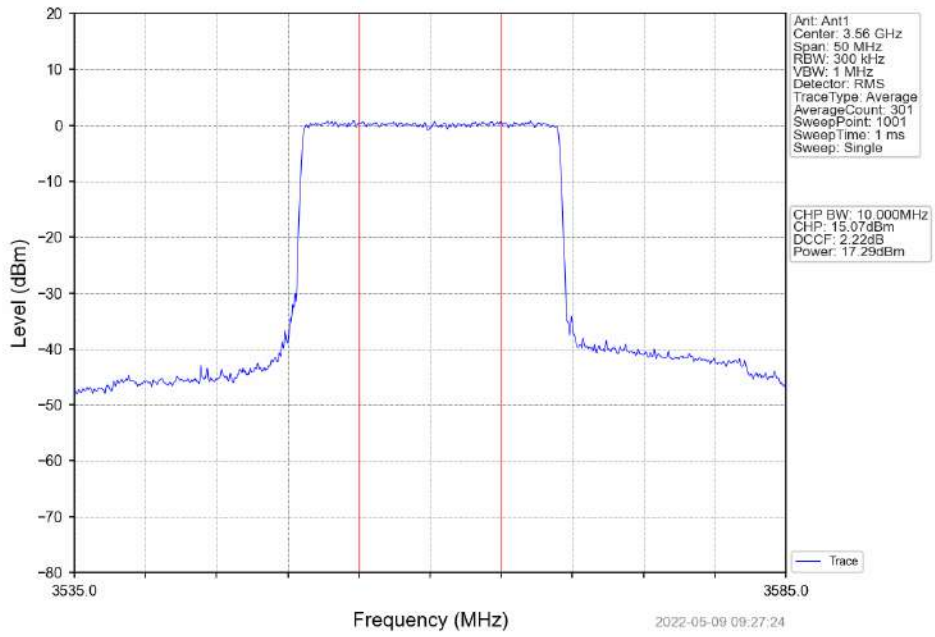
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_50\_25\_NTNV



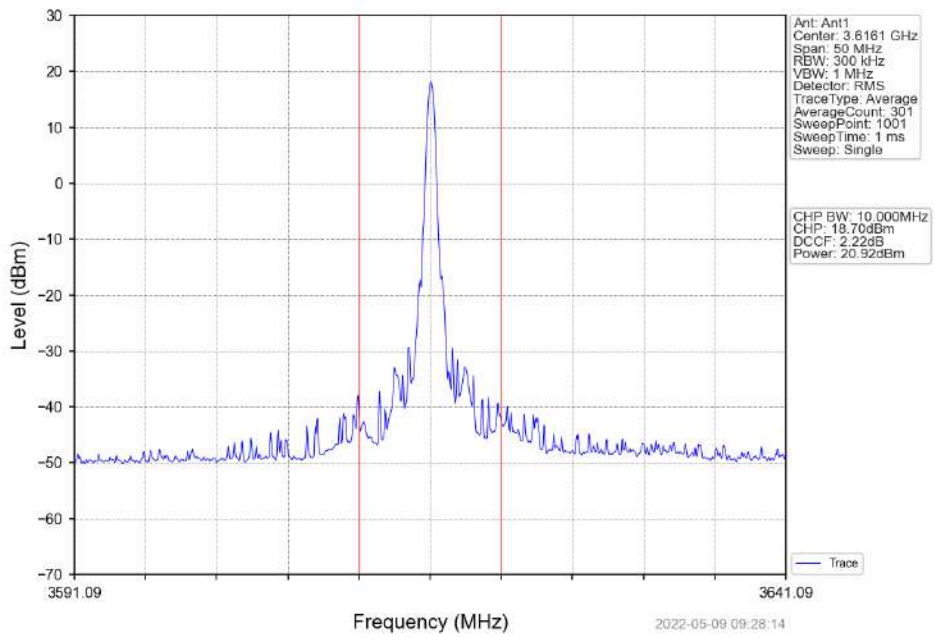
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_50\_50\_NTNV



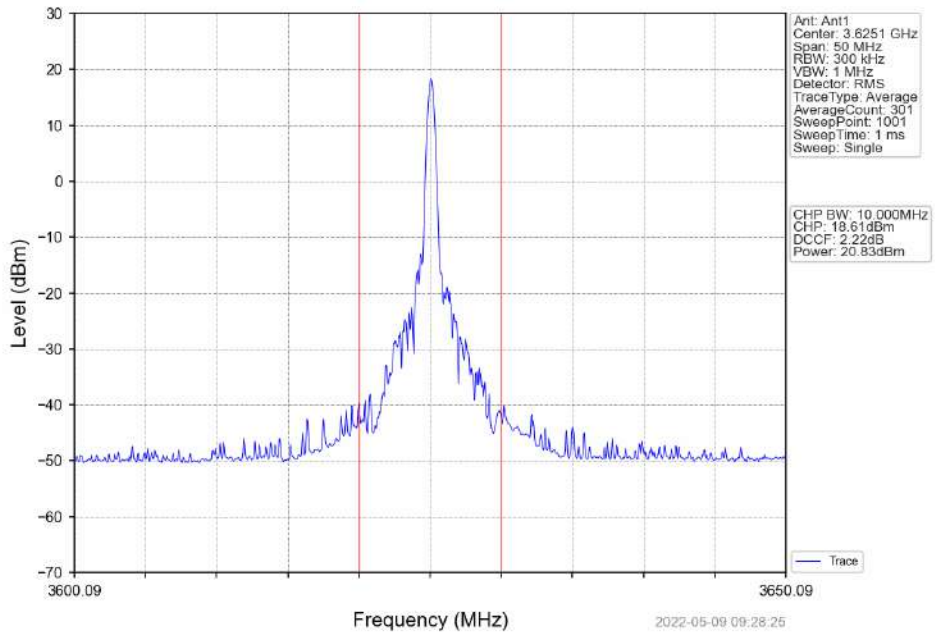
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_100\_0\_NTNV



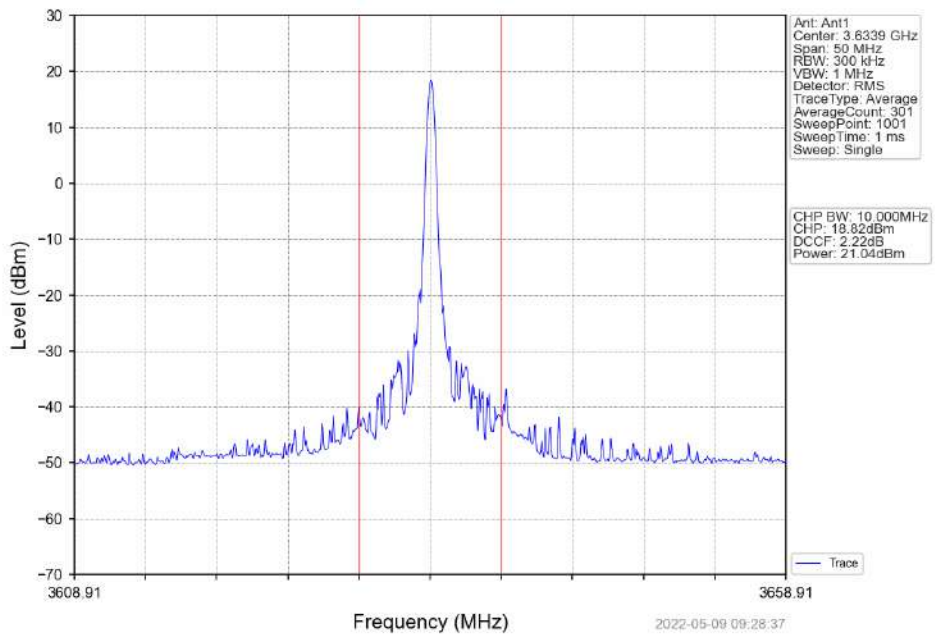
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_50\_NTNV

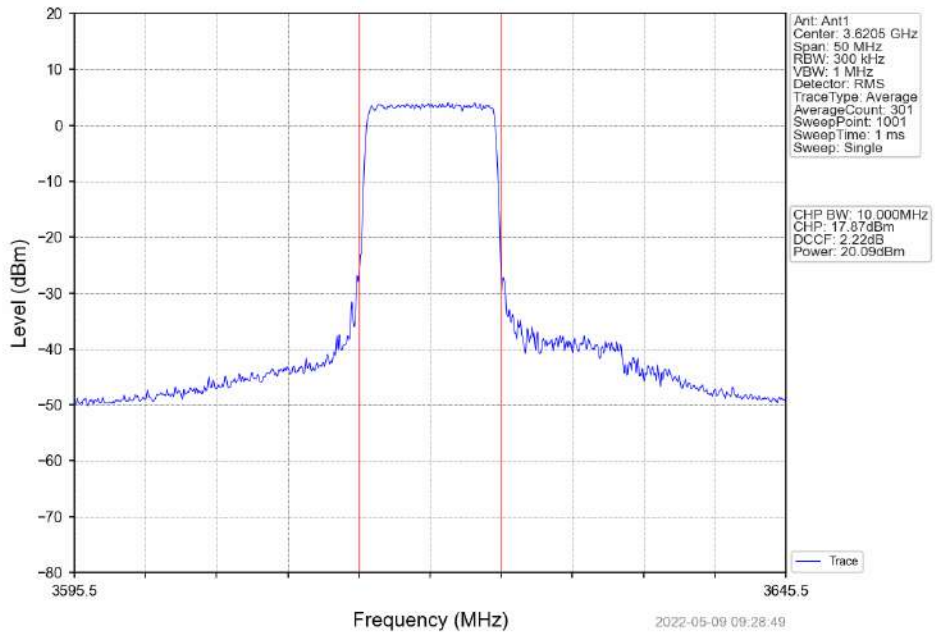


Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_99\_NTNV

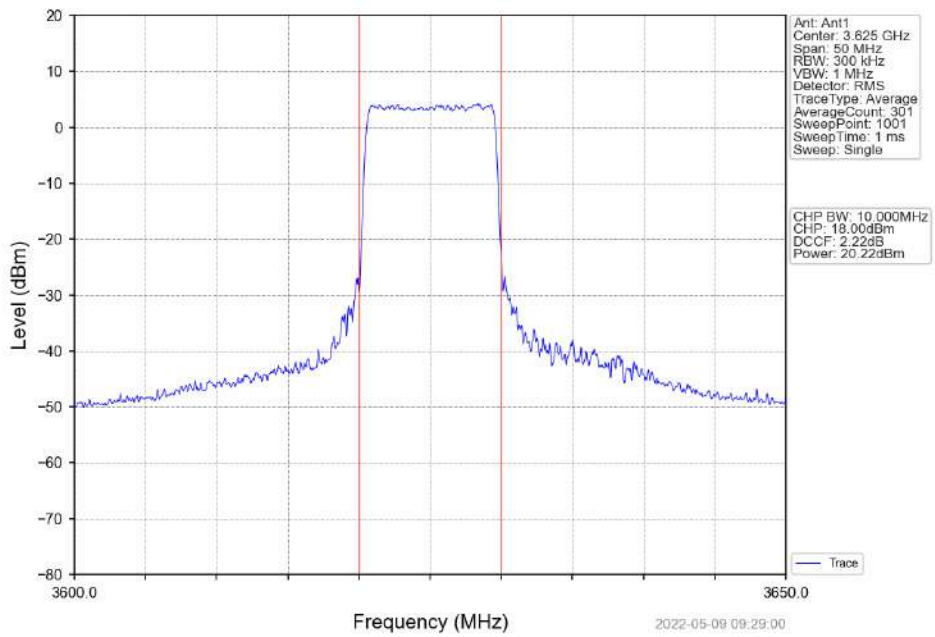




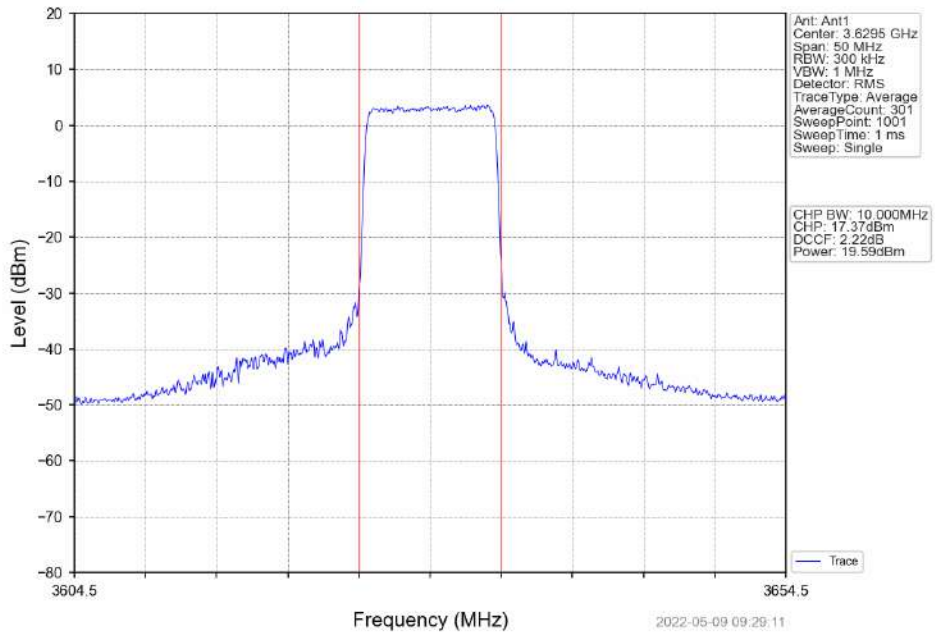
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_50\_0\_NTNV



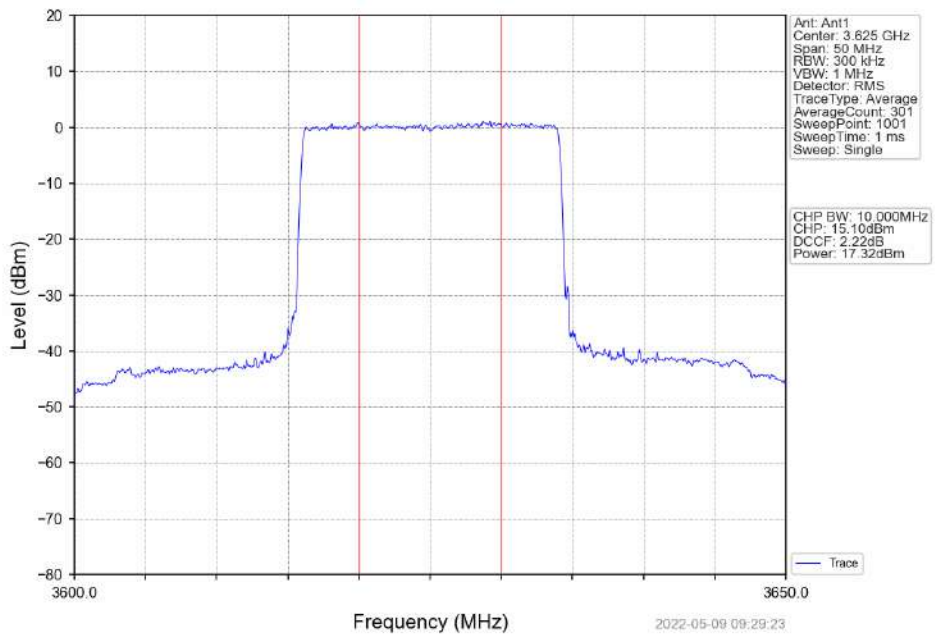
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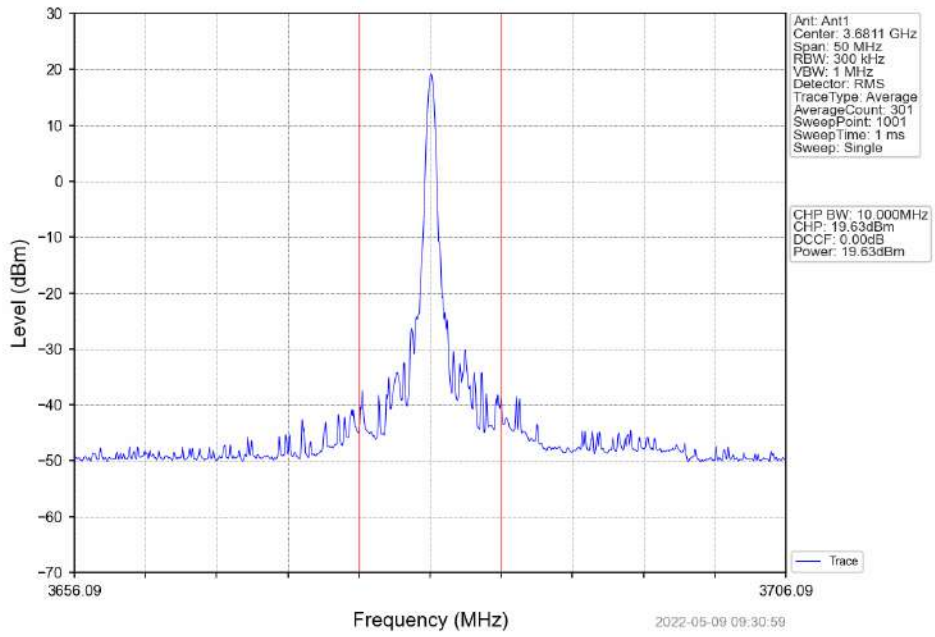
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_50\_50\_NTNV



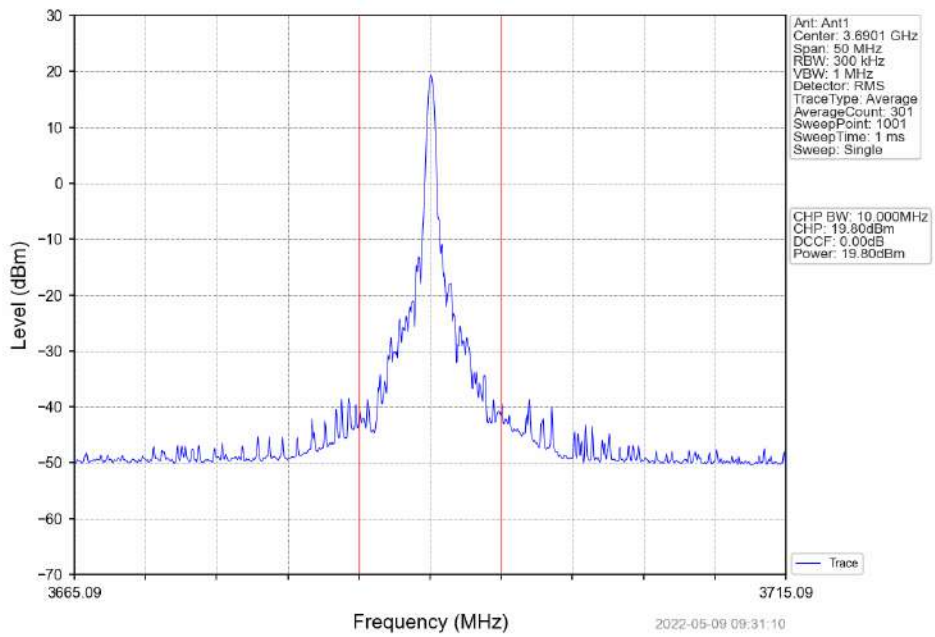
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_100\_0\_NTNV



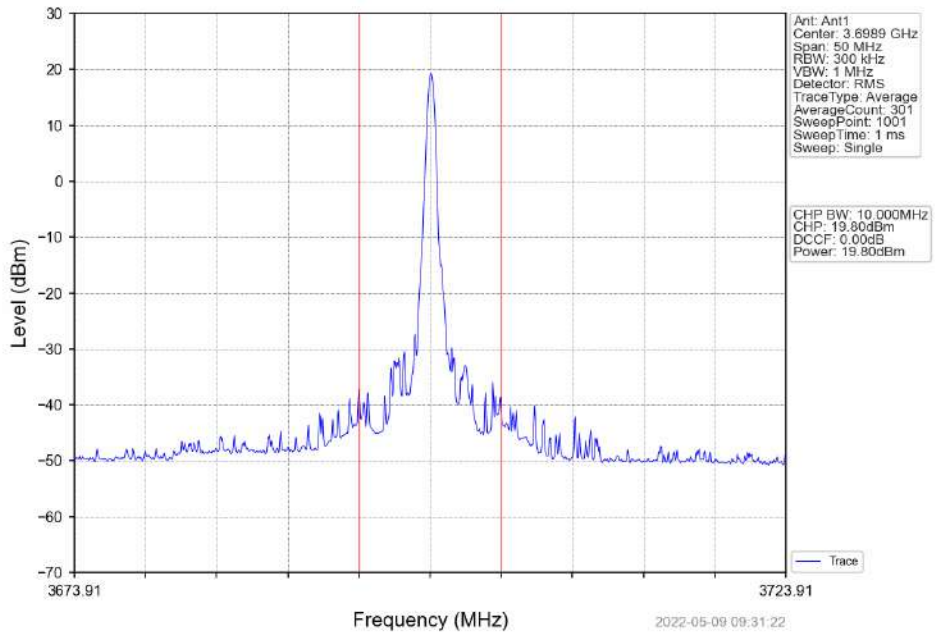
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_0\_NTNV



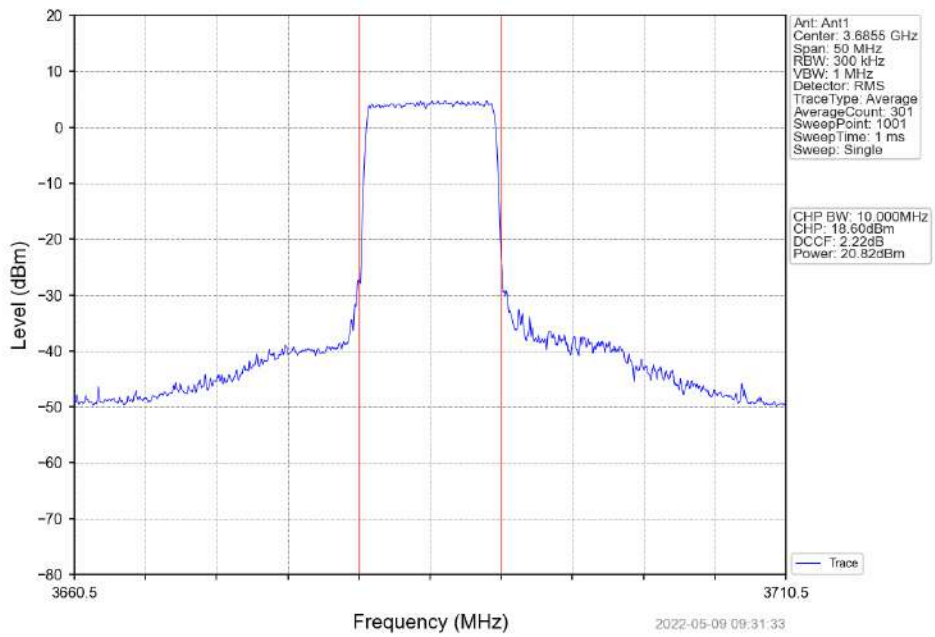
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_50\_NTNV



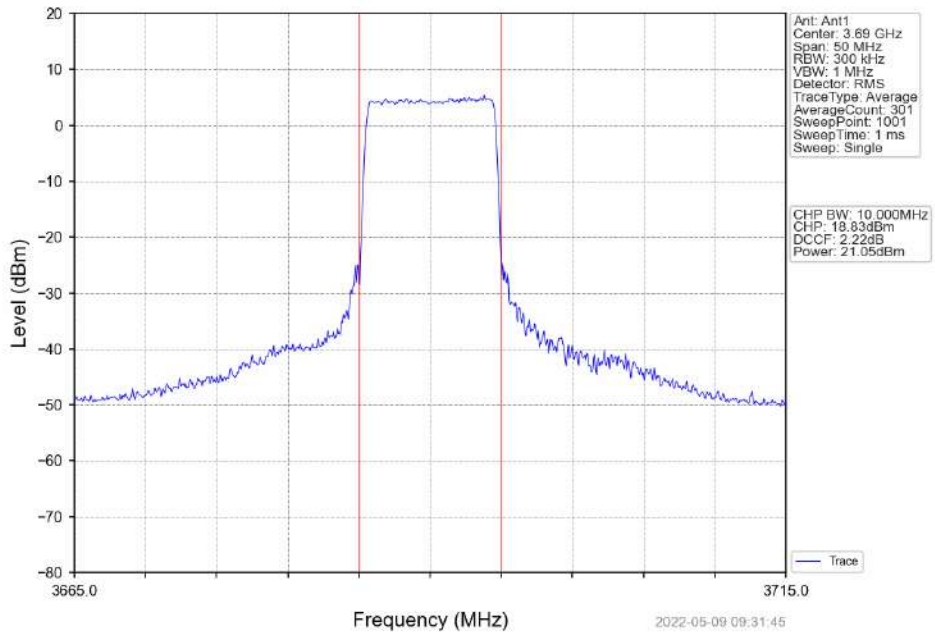
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_99\_NTNV



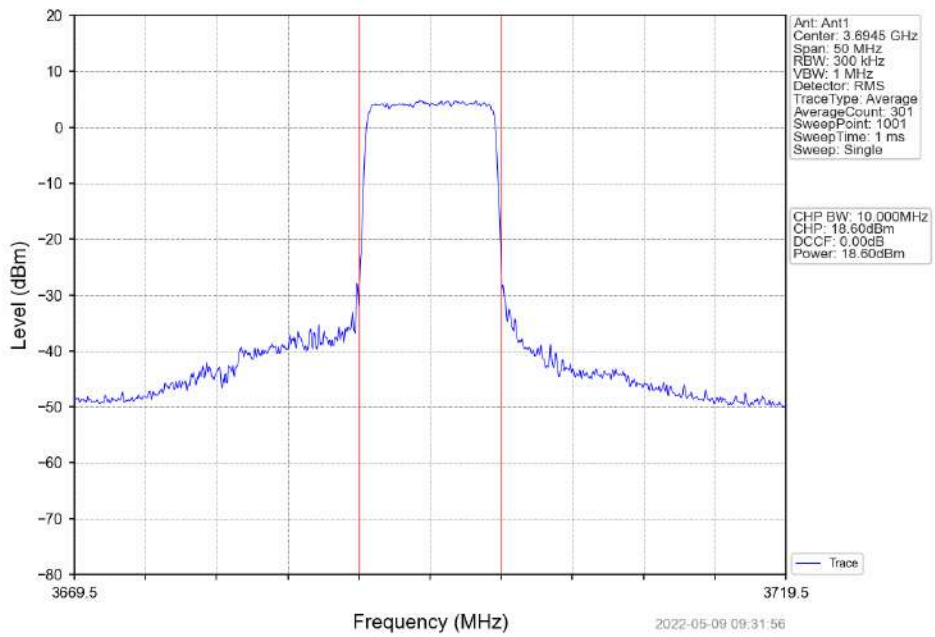
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_50\_0\_NTNV



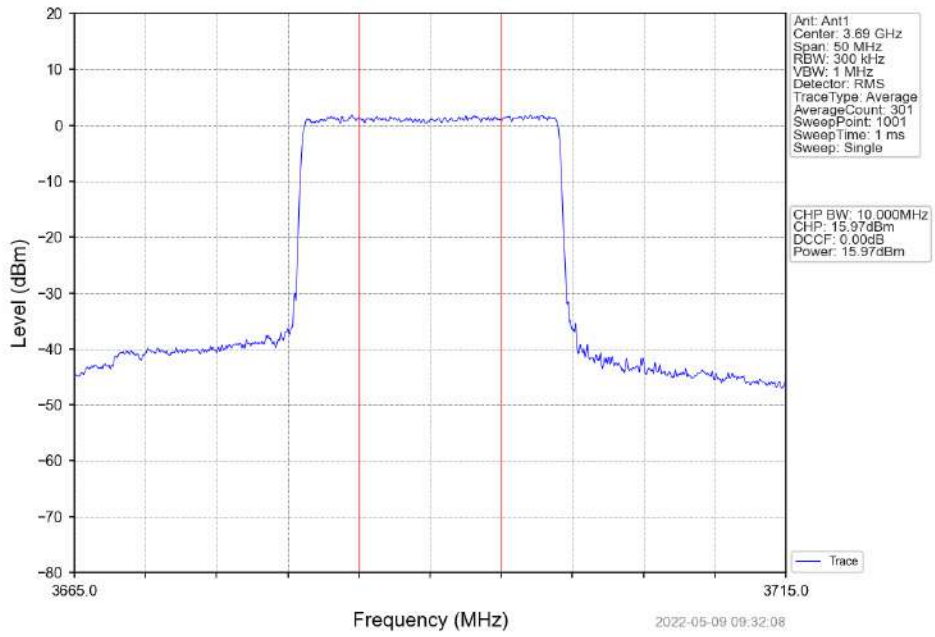
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_50\_25\_NTNV



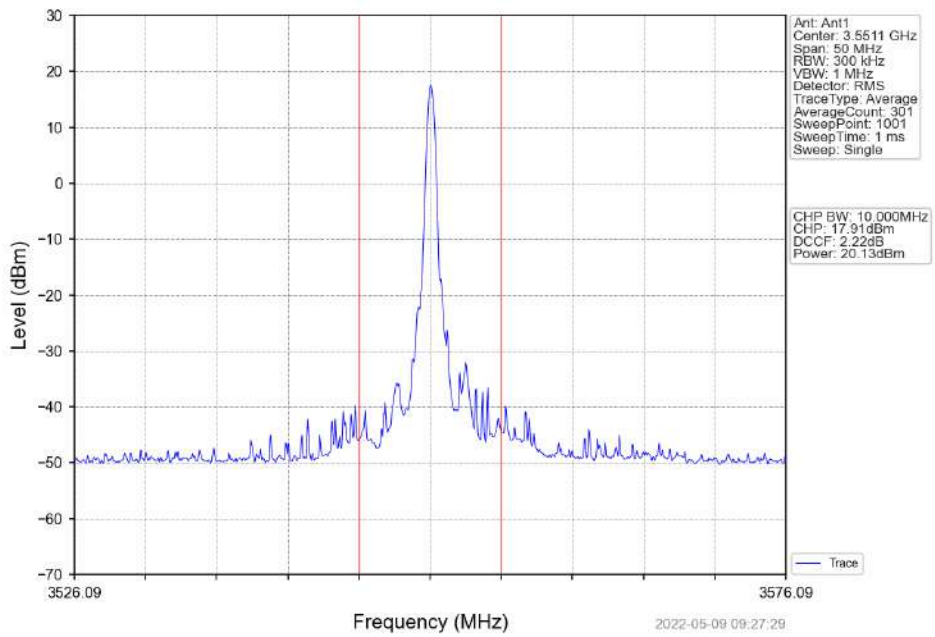
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_50\_50\_NTNV



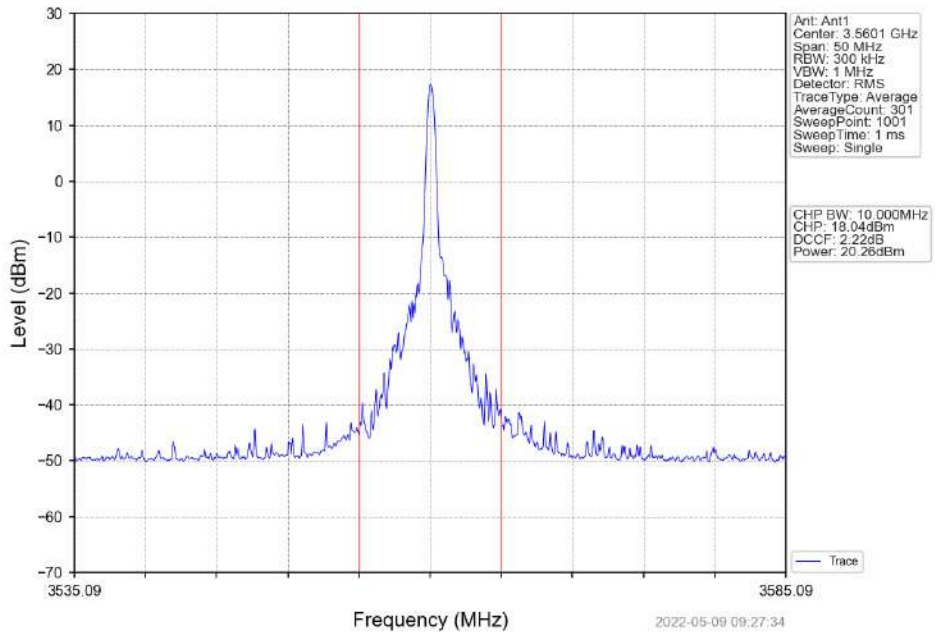
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_100\_0\_NTNV



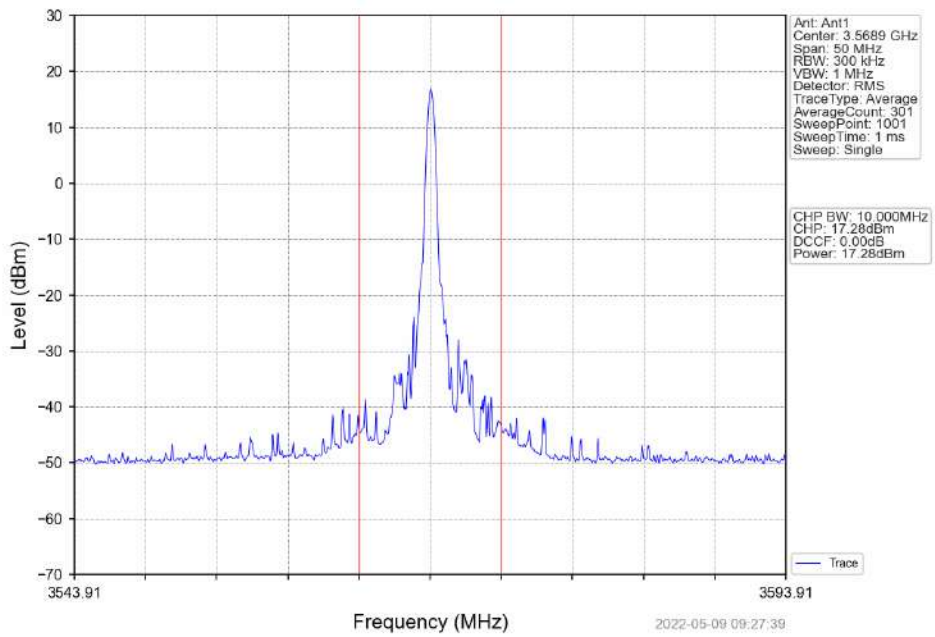
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_1\_0\_NTNV



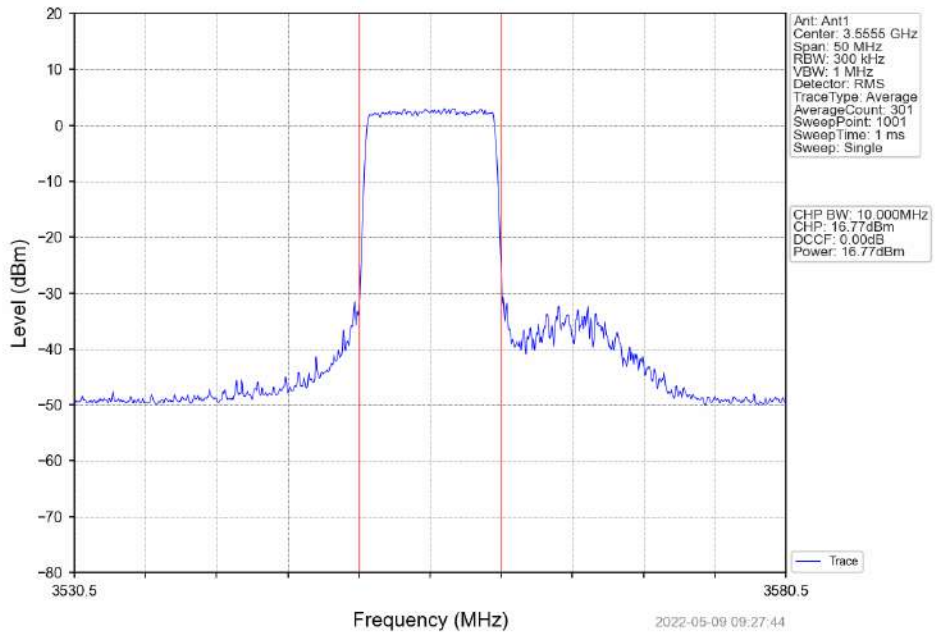
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_1\_50\_NTNV



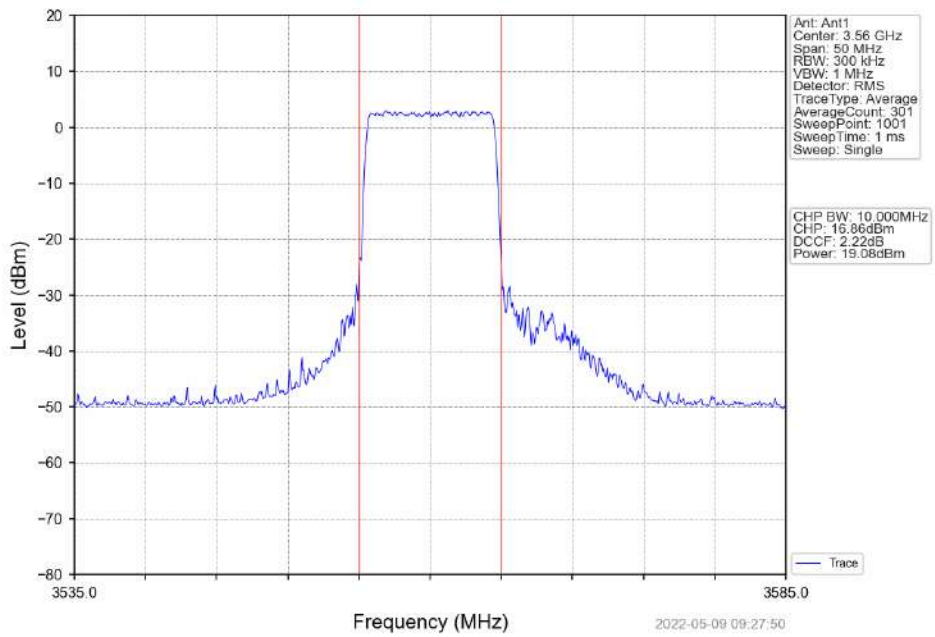
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_1\_99\_NTNV



Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_50\_0\_NTNV

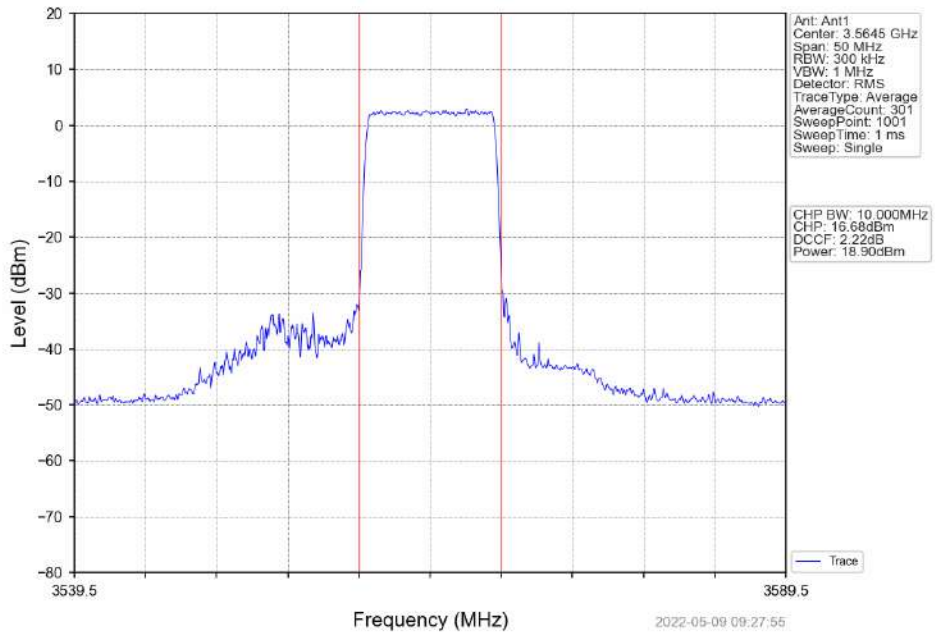


Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_50\_25\_NTNV

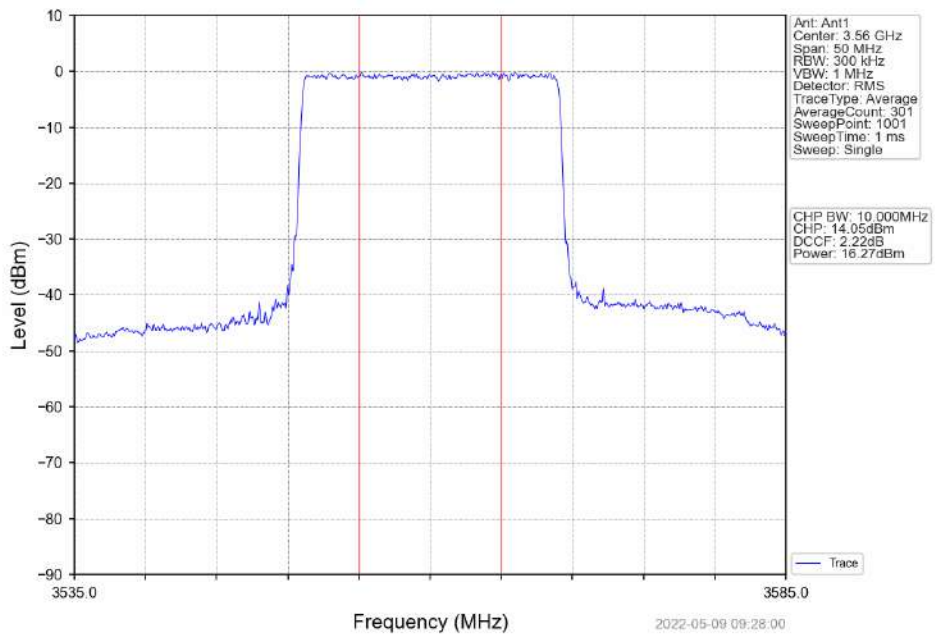




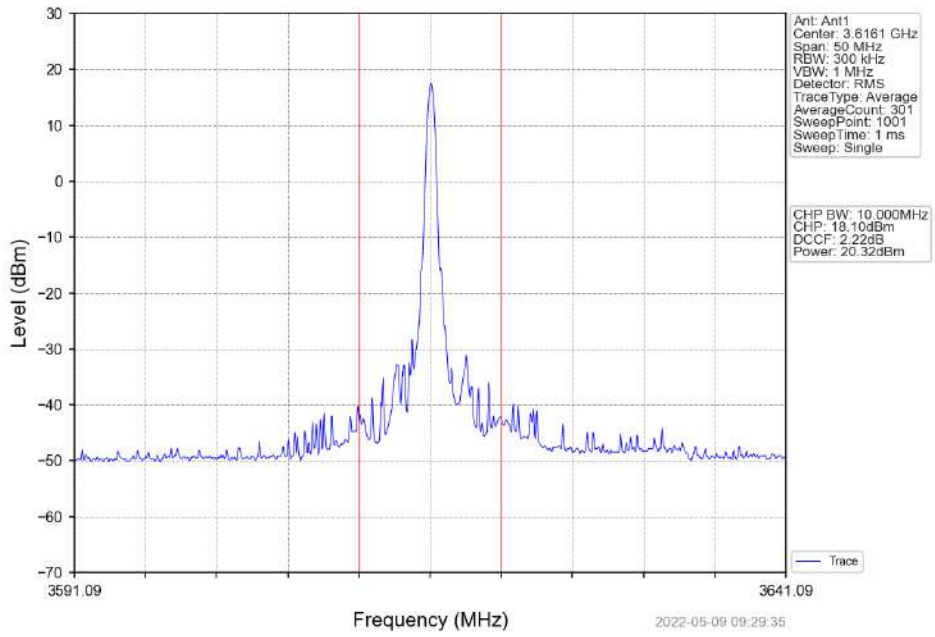
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_50\_50\_NTNV



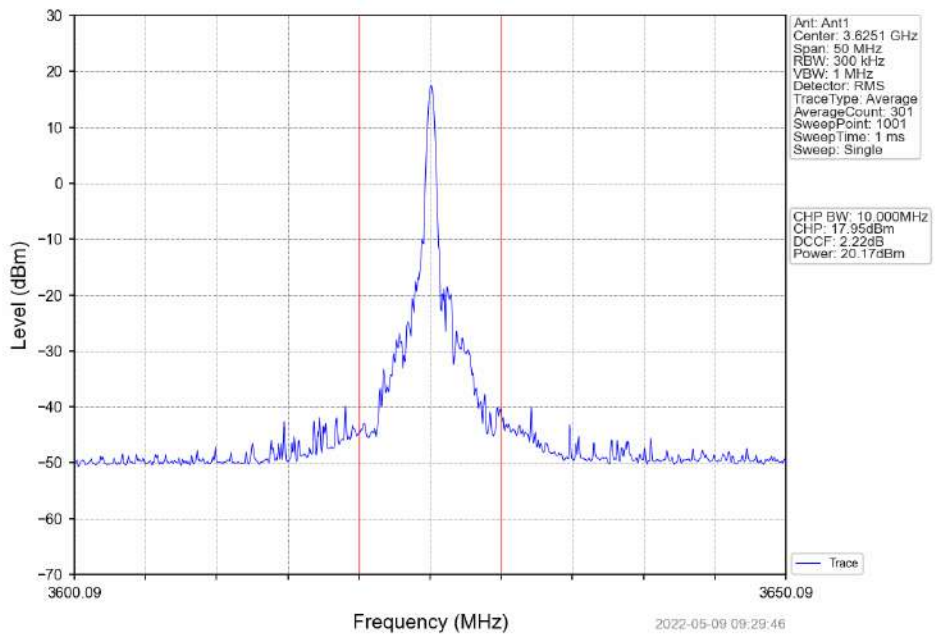
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_100\_0\_NTNV



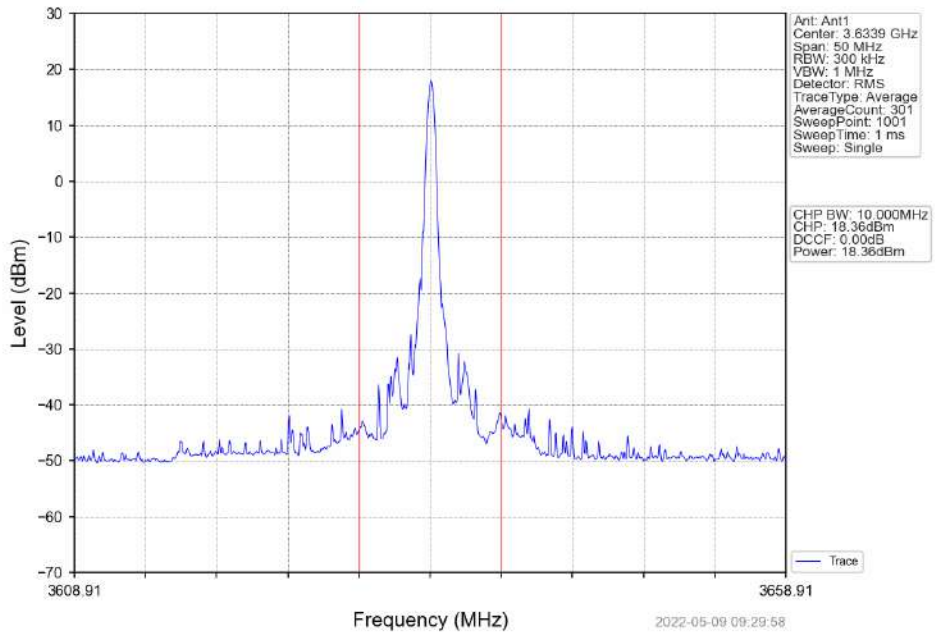
Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV



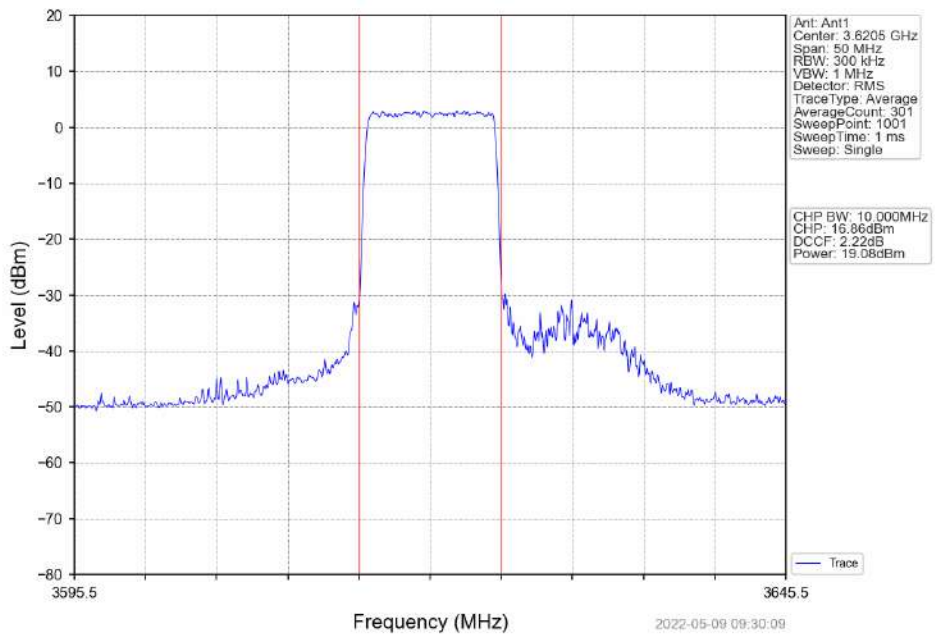
Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_50\_NTNV



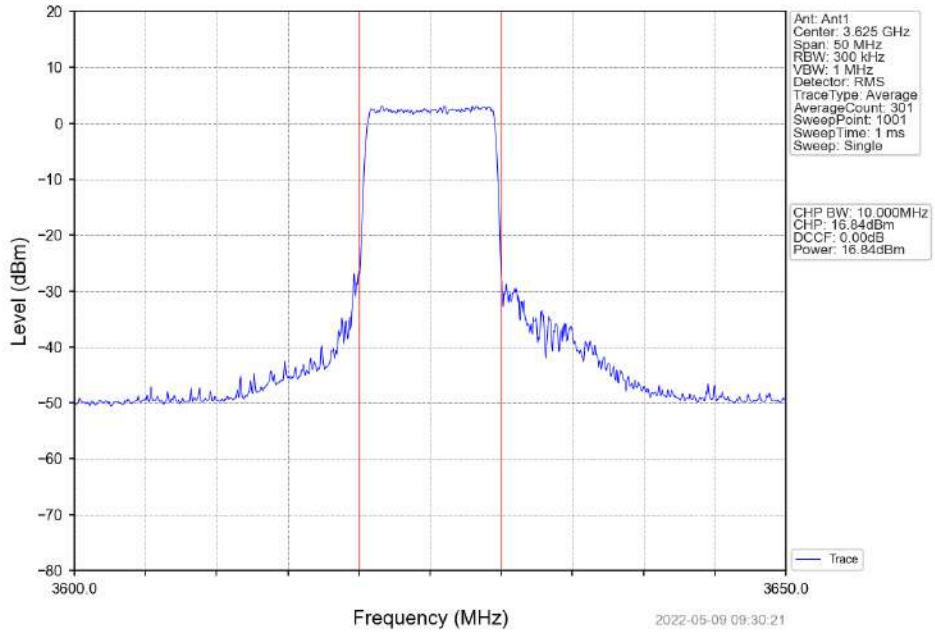
Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_99\_NTNV



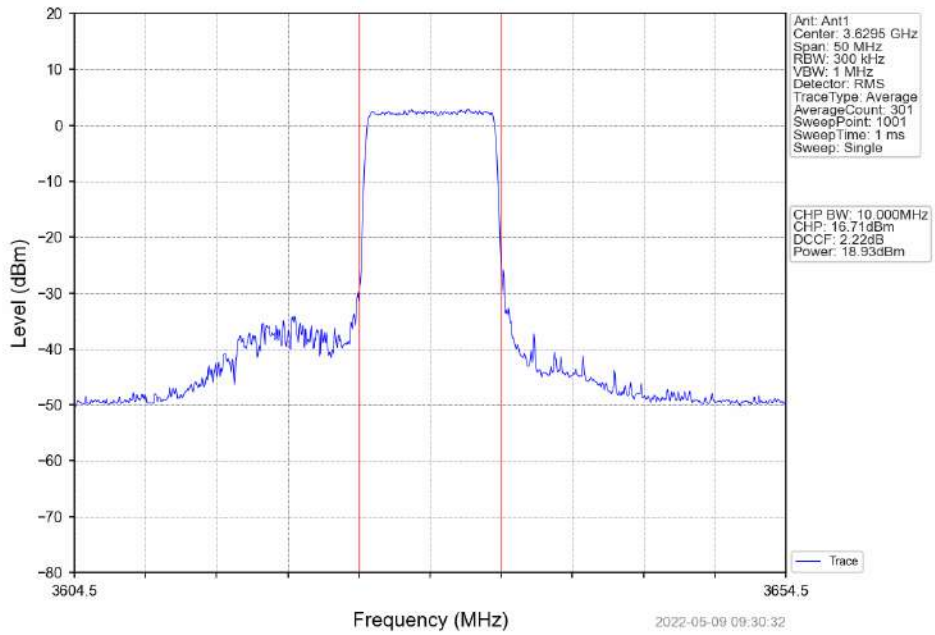
Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_50\_0\_NTNV



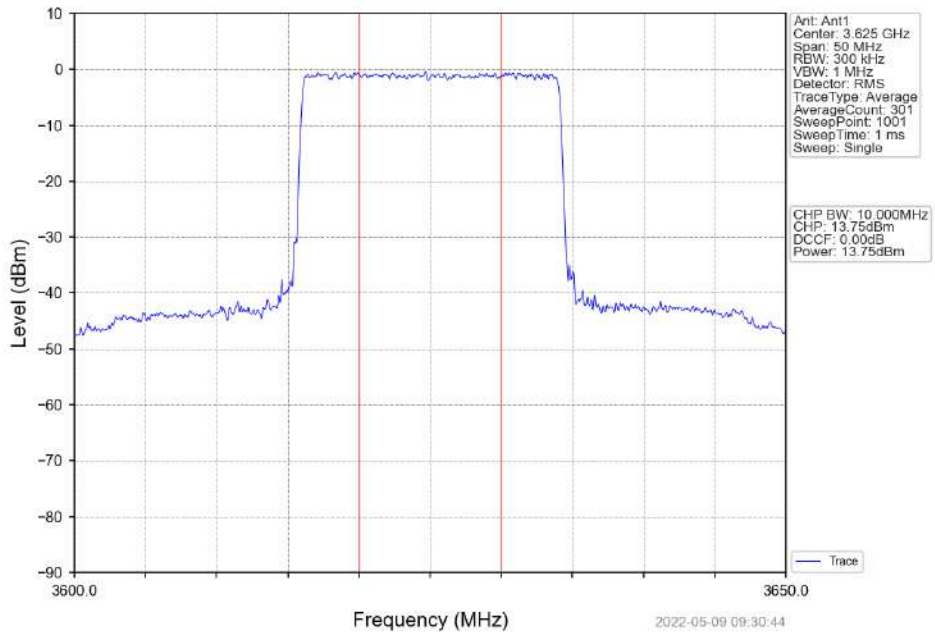
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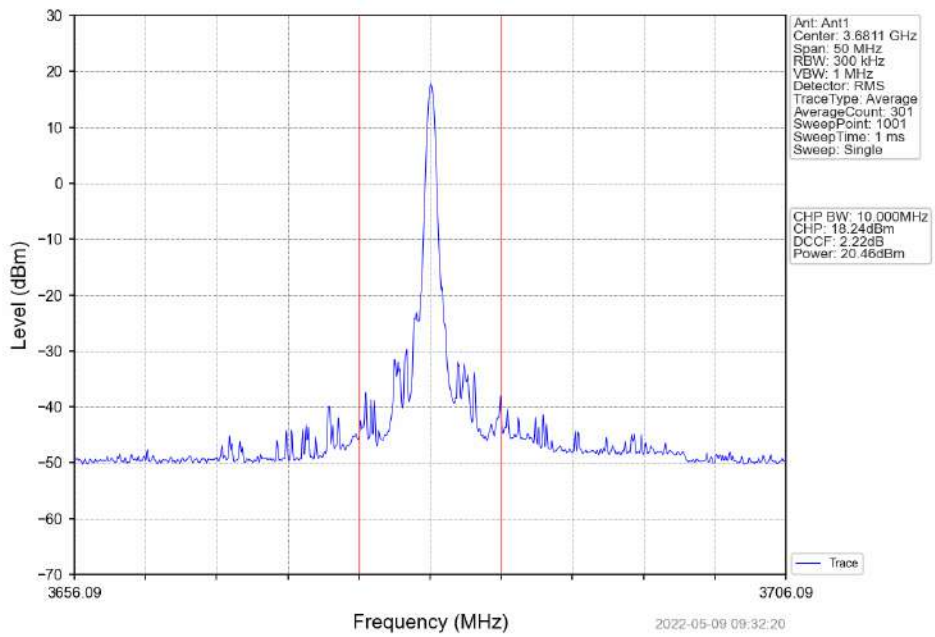
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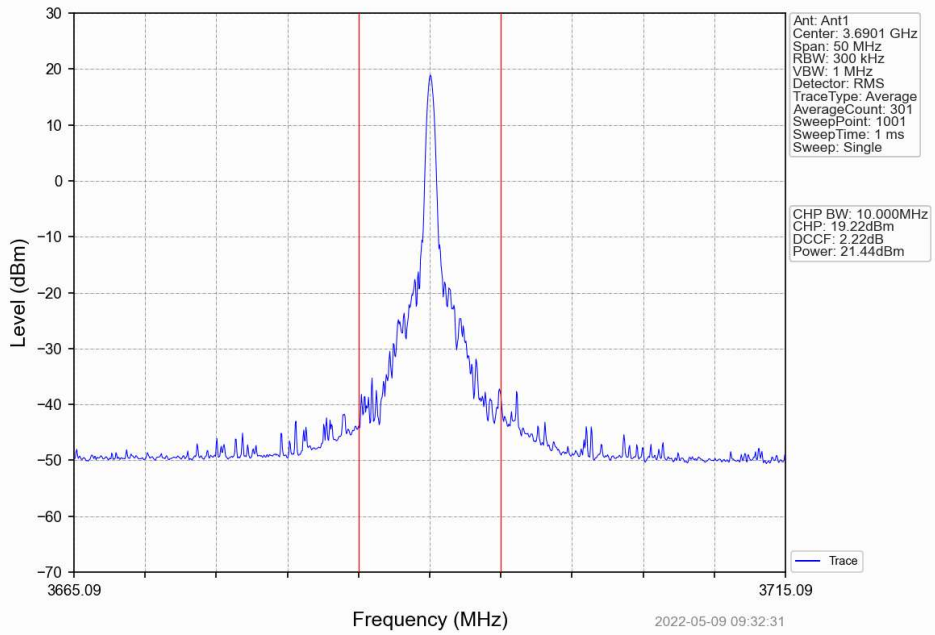
Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



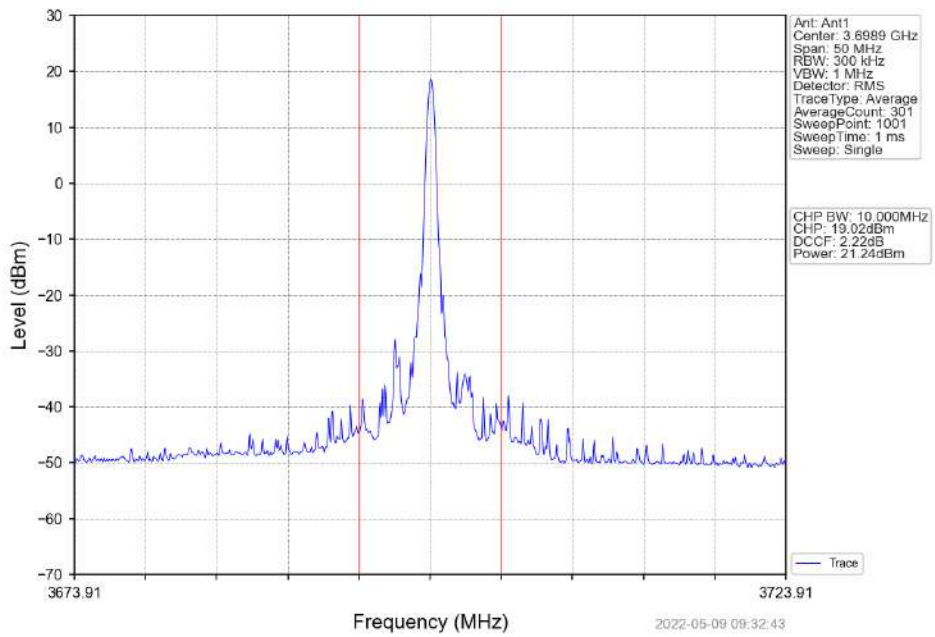
Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_1\_0\_NTNV



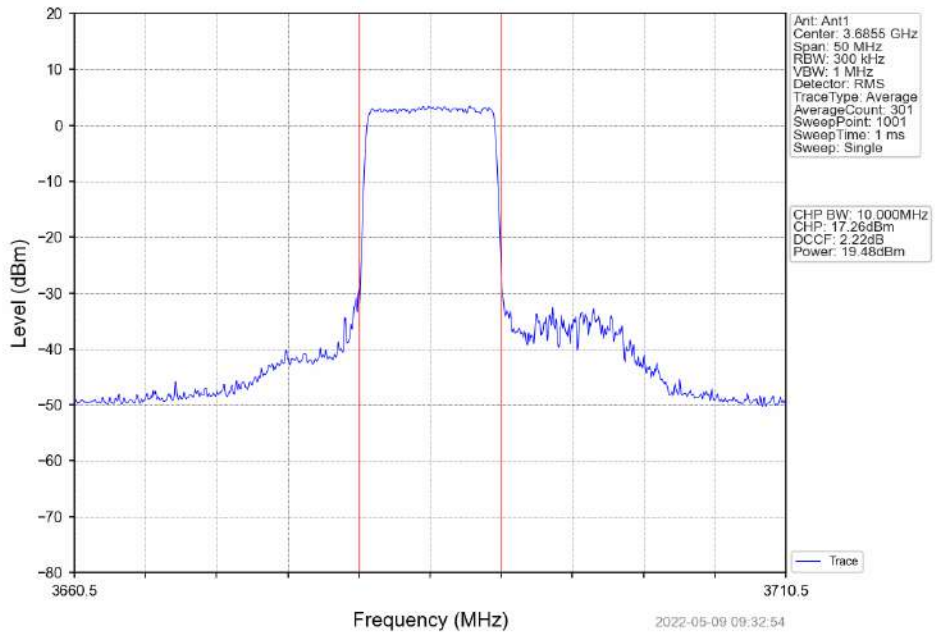
Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_1\_50\_NTNV



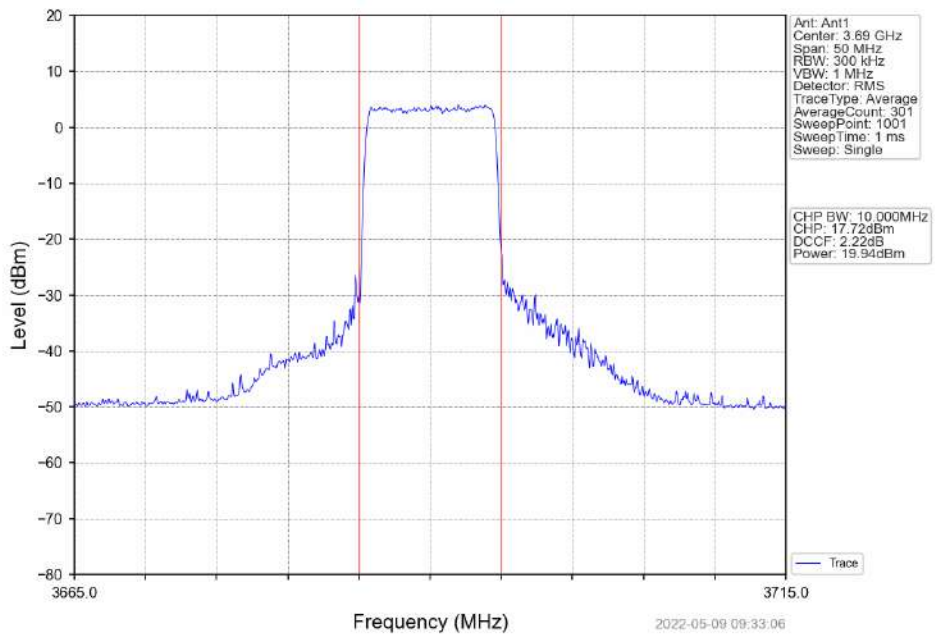
Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_1\_99\_NTNV



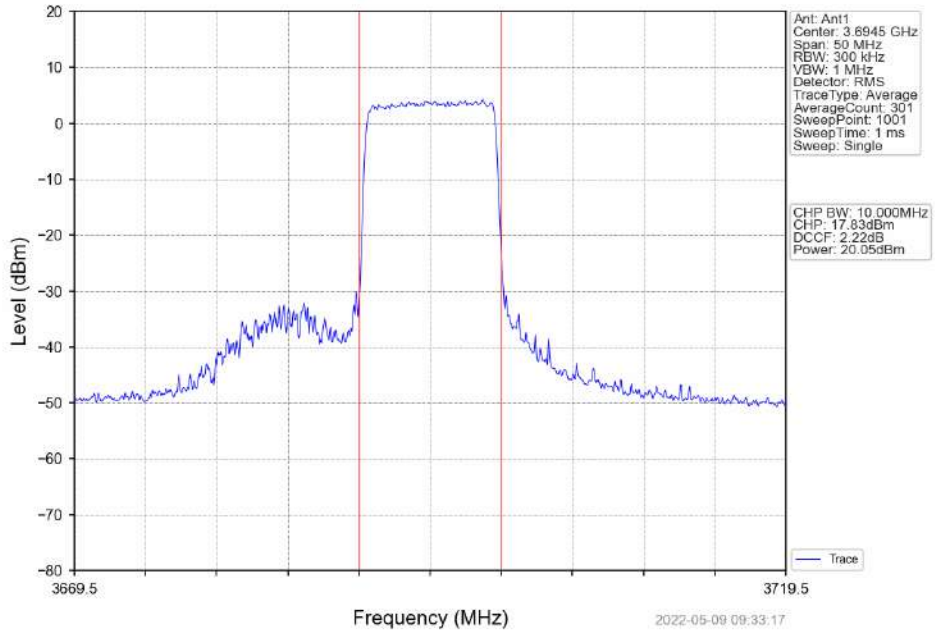
Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_50\_0\_NTNV



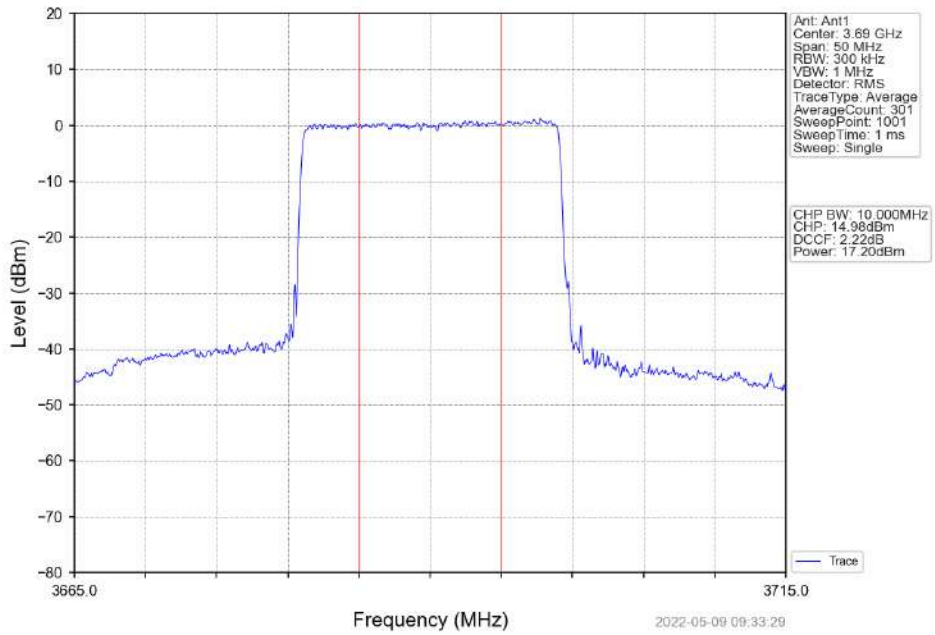
Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_50\_25\_NTNV



Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_50\_50\_NTNV



Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_100\_0\_NTNV





# 1. Effective (Isotropic) Radiated Power Output Data

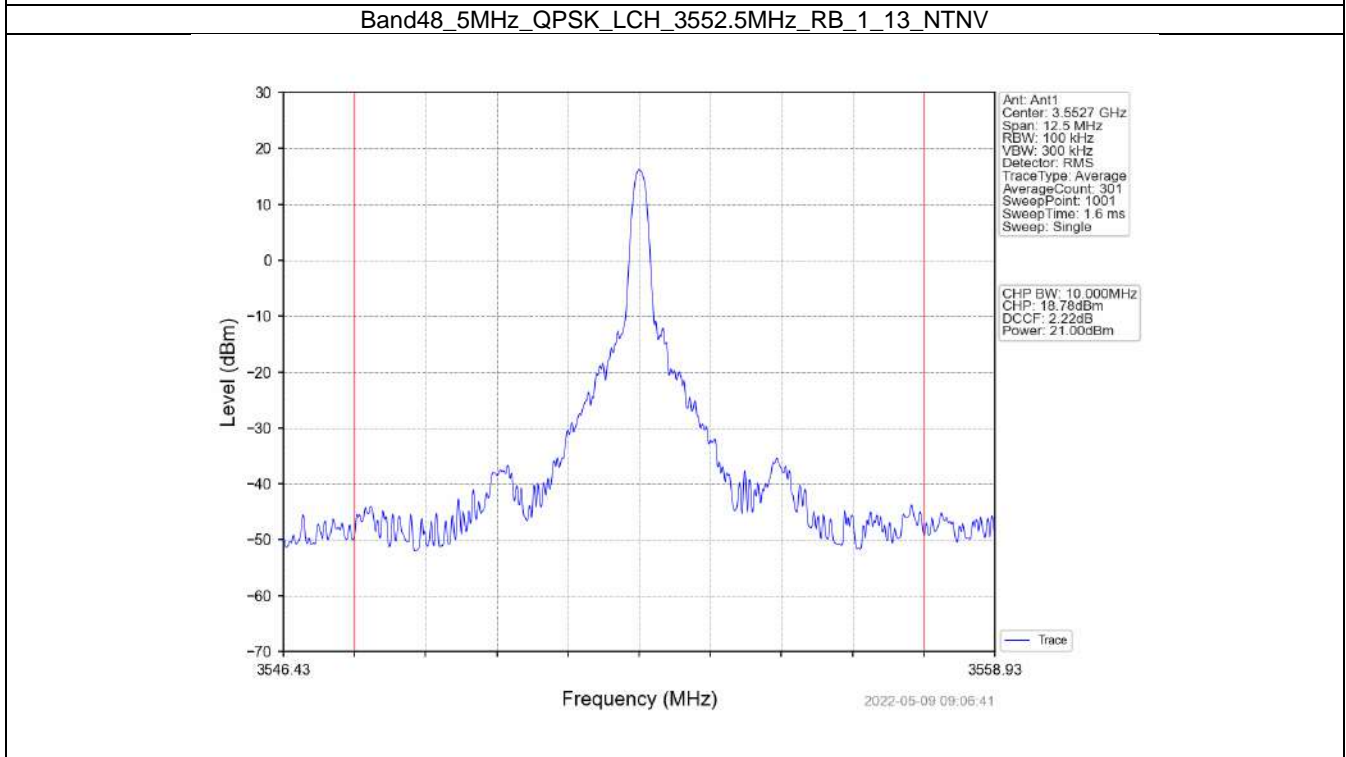
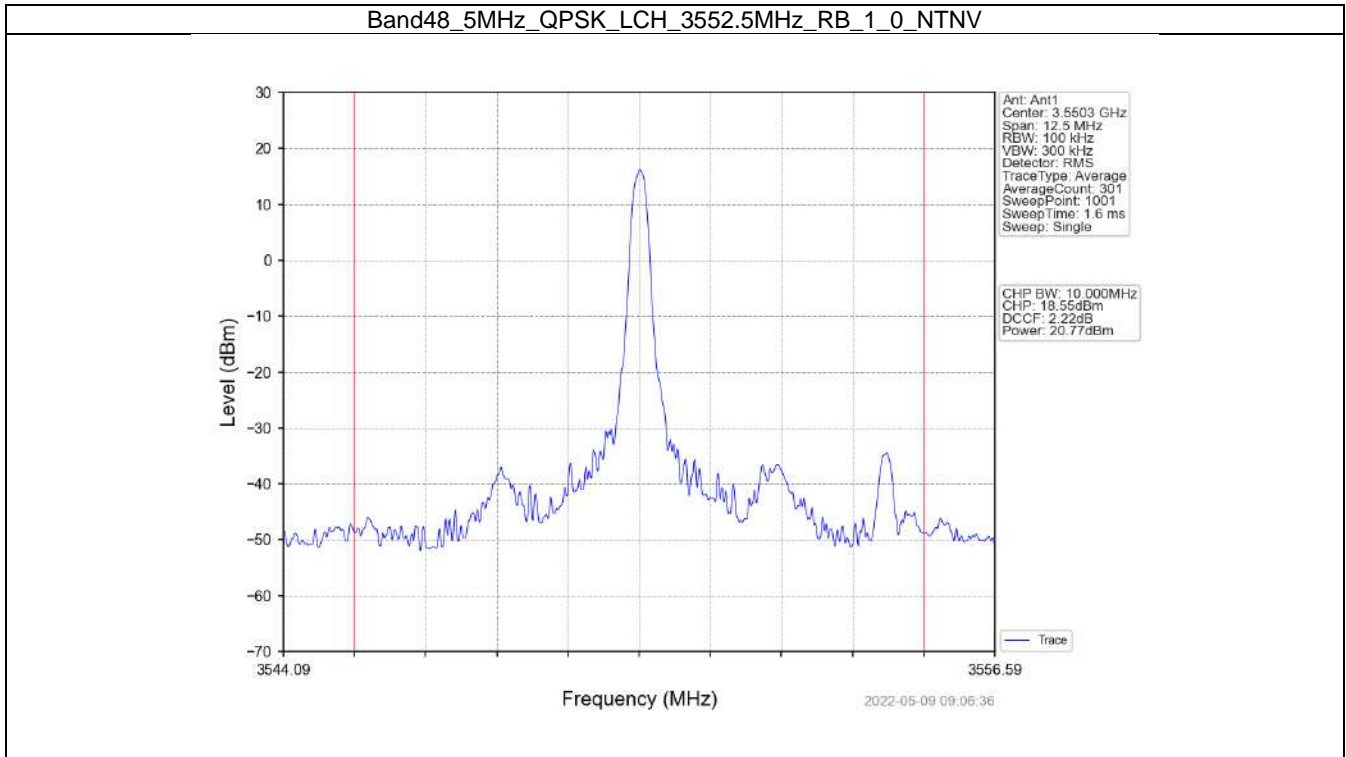
## 1.1 B48\_5MHz\_EIRP

### 1.1.1 Test Result

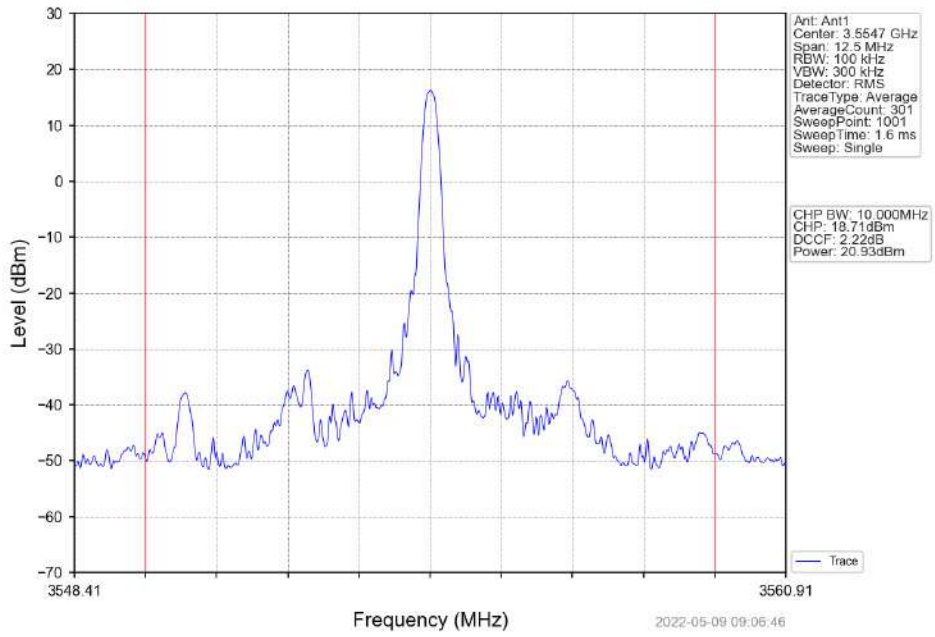
report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked
report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked
report_checked	report_checked	Size	Offset	report_checked	report_checked	Result	Limit	report_checked
report_checked	report_checked	report_checked	0	20.77	-0.13	20.64	<=23	Pass
report_checked	report_checked	report_checked	13	21.00	-0.13	20.87	<=23	Pass
report_checked	report_checked	report_checked	24	20.93	-0.13	20.80	<=23	Pass
report_checked	report_checked	report_checked	0	20.31	-0.13	20.18	<=23	Pass
report_checked	report_checked	report_checked	6	19.88	-0.13	19.75	<=23	Pass
report_checked	report_checked	report_checked	13	20.23	-0.13	20.10	<=23	Pass
report_checked	report_checked	25	0	19.98	-0.13	19.85	<=23	Pass
report_checked	report_checked	report_checked		21.27	-0.13	21.14	<=23	Pass
report_checked	report_checked	report_checked	13	21.06	-0.13	20.93	<=23	Pass
report_checked	report_checked	report_checked	24	21.41	-0.13	21.28	<=23	Pass
report_checked	report_checked	report_checked	0	19.65	-0.13	19.52	<=23	Pass
report_checked	report_checked	report_checked	6	19.80	-0.13	19.67	<=23	Pass
report_checked	report_checked	report_checked	13	21.07	-0.13	20.94	<=23	Pass
report_checked	report_checked	25	0	19.70	-0.13	19.57	<=23	Pass
report_checked	report_checked	report_checked		22.47	-0.13	22.34	<=23	Pass
report_checked	report_checked	report_checked	13	21.74	-0.13	21.61	<=23	Pass
report_checked	report_checked	report_checked	24	21.60	-0.13	21.47	<=23	Pass
report_checked	report_checked	report_checked	0	20.78	-0.13	20.65	<=23	Pass
report_checked	report_checked	report_checked	6	21.35	-0.13	21.22	<=23	Pass
report_checked	report_checked	report_checked	13	20.44	-0.13	20.31	<=23	Pass
report_checked	report_checked	25	0	21.54	-0.13	21.41	<=23	Pass
report_checked	report_checked	report_checked		20.01	-0.13	19.88	<=23	Pass
report_checked	report_checked	report_checked	13	19.83	-0.13	19.70	<=23	Pass

ed	ed	ed						
report_checked	report_checked	report_checked	24	19.89	-0.13	19.76	<=23	Pass
report_checked	report_checked	report_checked	0	18.82	-0.13	18.69	<=23	Pass
report_checked	report_checked	report_checked	6	18.98	-0.13	18.85	<=23	Pass
report_checked	report_checked	report_checked	13	19.06	-0.13	18.93	<=23	Pass
report_checked	report_checked	25	0	19.03	-0.13	18.90	<=23	Pass
report_checked	report_checked	report_checked		20.40	-0.13	20.27	<=23	Pass
report_checked	report_checked	report_checked	13	20.41	-0.13	20.28	<=23	Pass
report_checked	report_checked	report_checked	24	19.44	-0.13	19.31	<=23	Pass
report_checked	report_checked	report_checked	0	18.71	-0.13	18.58	<=23	Pass
report_checked	report_checked	report_checked	6	19.47	-0.13	19.34	<=23	Pass
report_checked	report_checked	report_checked	13	19.41	-0.13	19.28	<=23	Pass
report_checked	report_checked	25	0	18.47	-0.13	18.34	<=23	Pass
report_checked	report_checked	report_checked		20.58	-0.13	20.45	<=23	Pass
report_checked	report_checked	report_checked	13	20.82	-0.13	20.69	<=23	Pass
report_checked	report_checked	report_checked	24	19.85	-0.13	19.72	<=23	Pass
report_checked	report_checked	report_checked	0	19.89	-0.13	19.76	<=23	Pass
report_checked	report_checked	report_checked	6	19.74	-0.13	19.61	<=23	Pass
report_checked	report_checked	report_checked	13	20.02	-0.13	19.89	<=23	Pass
report_checked	report_checked	25	0	19.85	-0.13	19.72	<=23	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

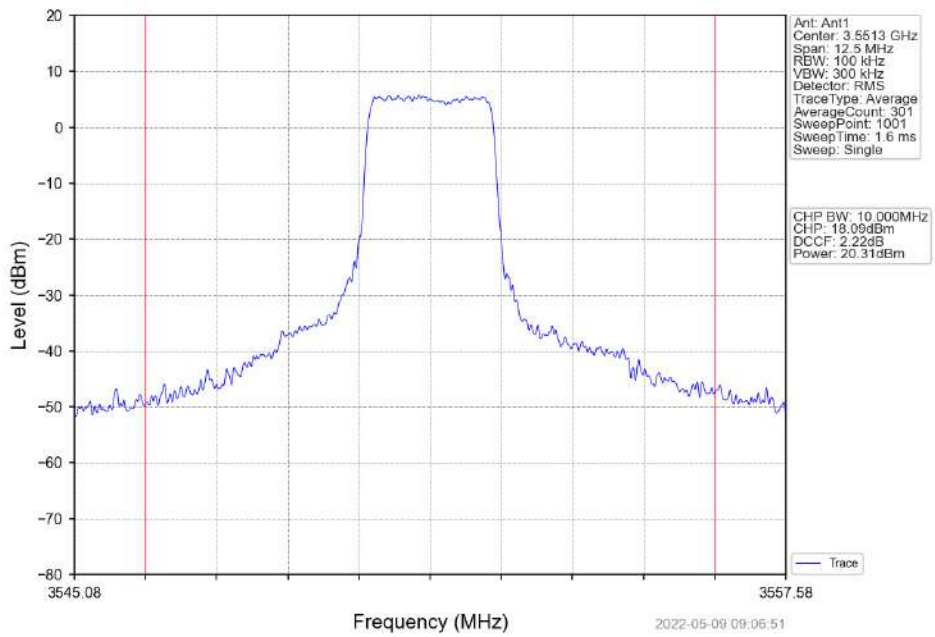
### 1.1.2 Test Graph



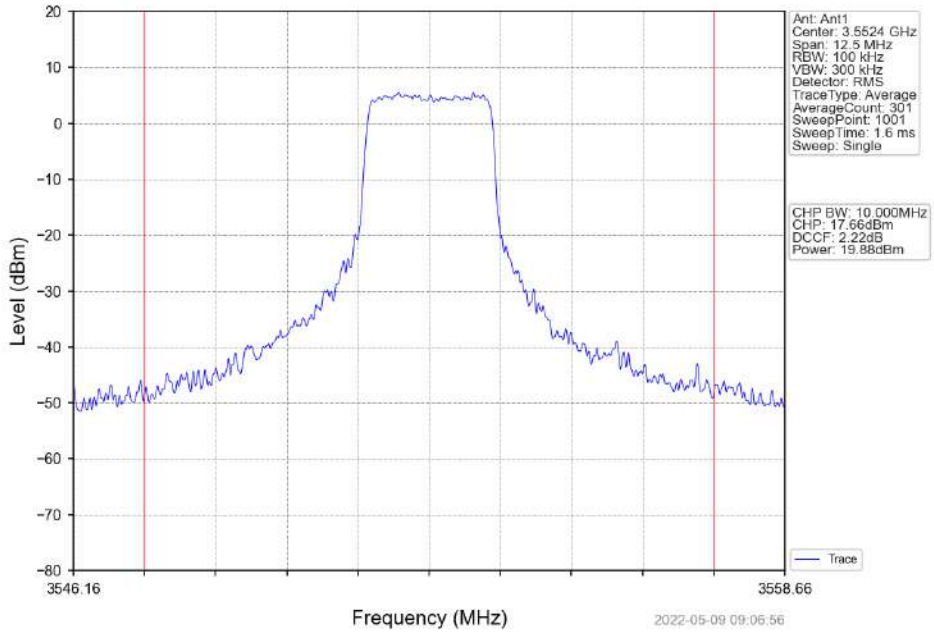
Band48\_5MHz\_QPSK\_LCH\_3552.5MHz\_RB\_1\_24\_NTNV



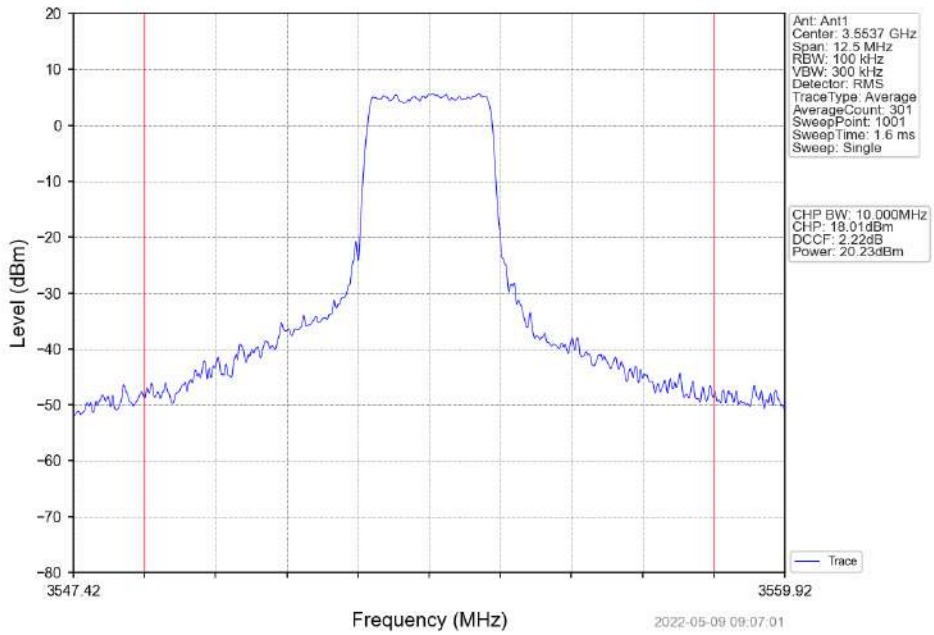
Band48\_5MHz\_QPSK\_LCH\_3552.5MHz\_RB\_12\_0\_NTNV



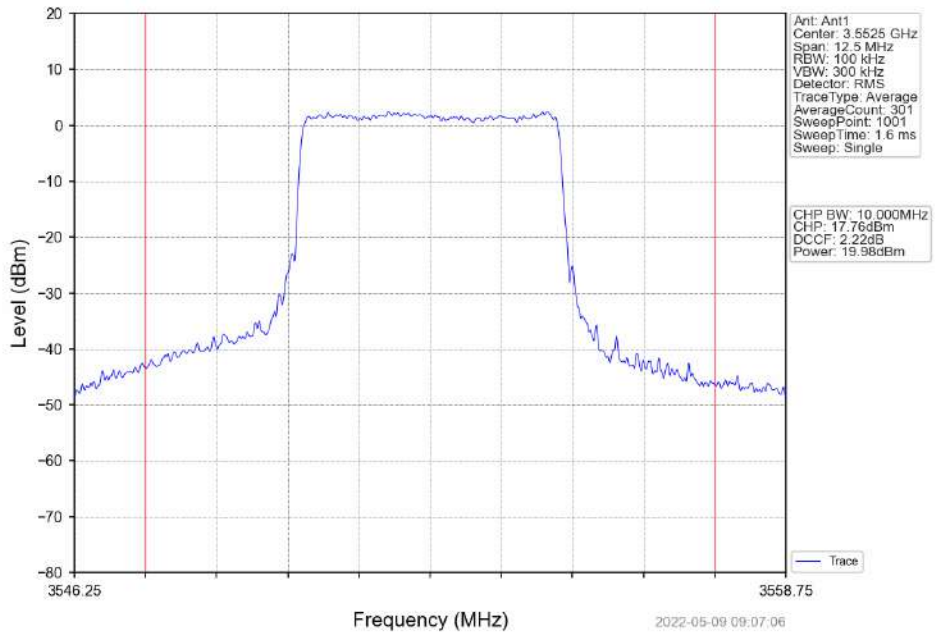
Band48\_5MHz\_QPSK\_LCH\_3552.5MHz\_RB\_12\_6\_NTNV



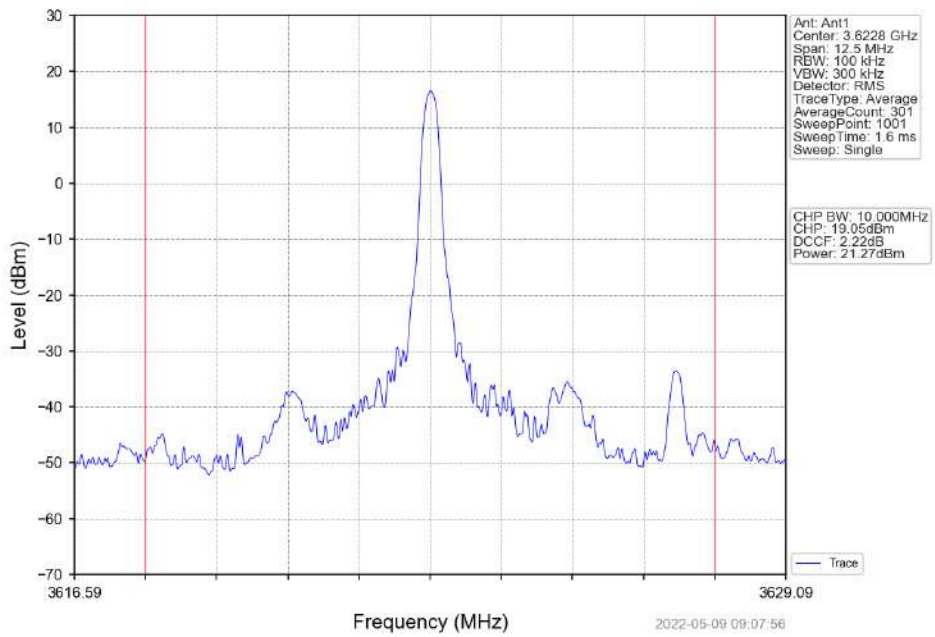
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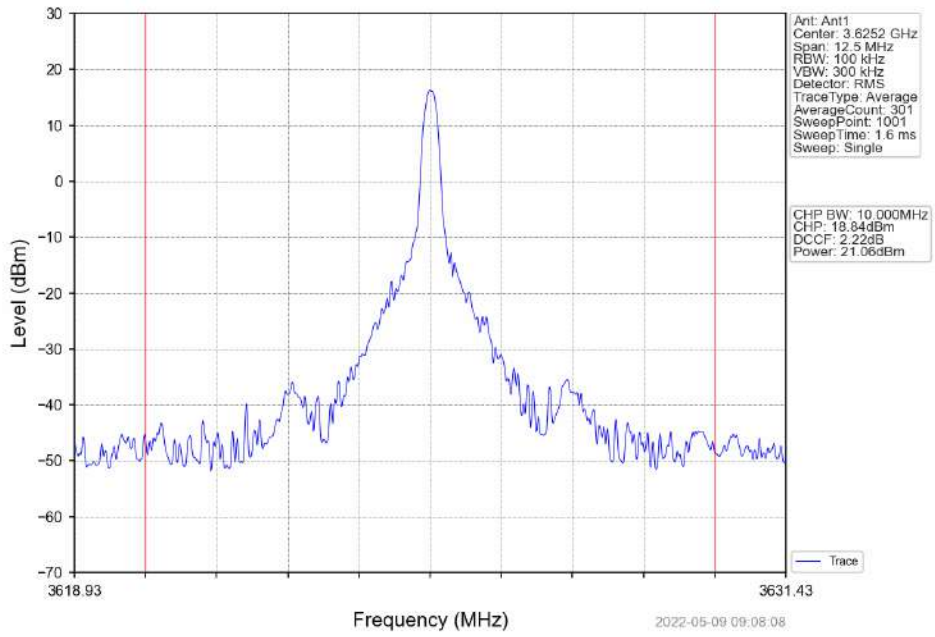
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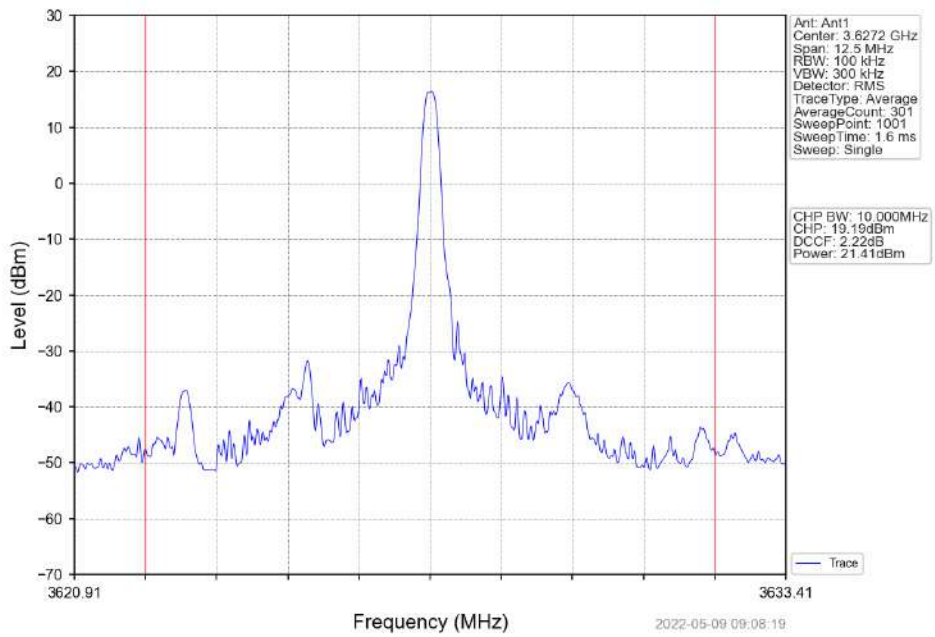
Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



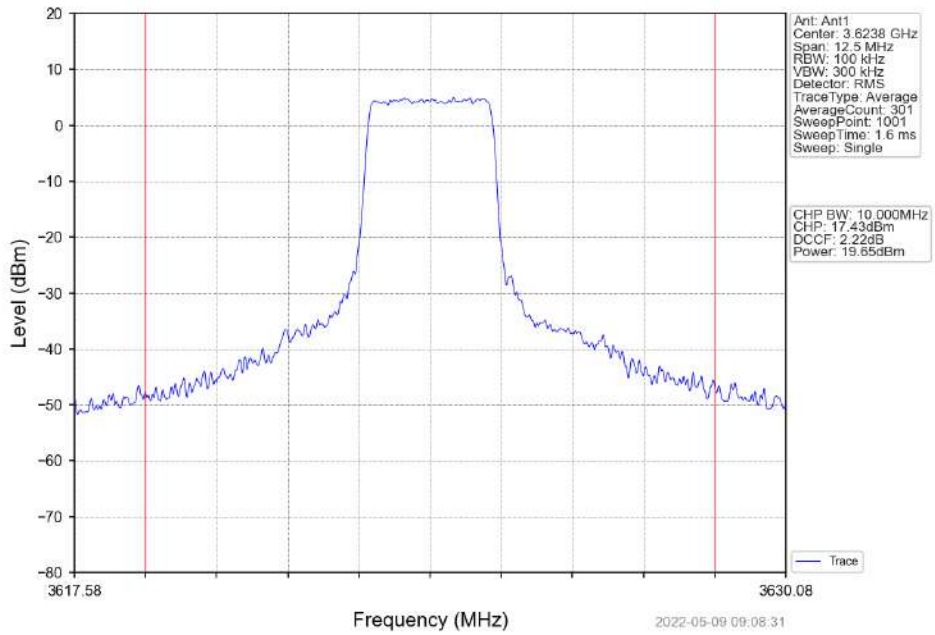
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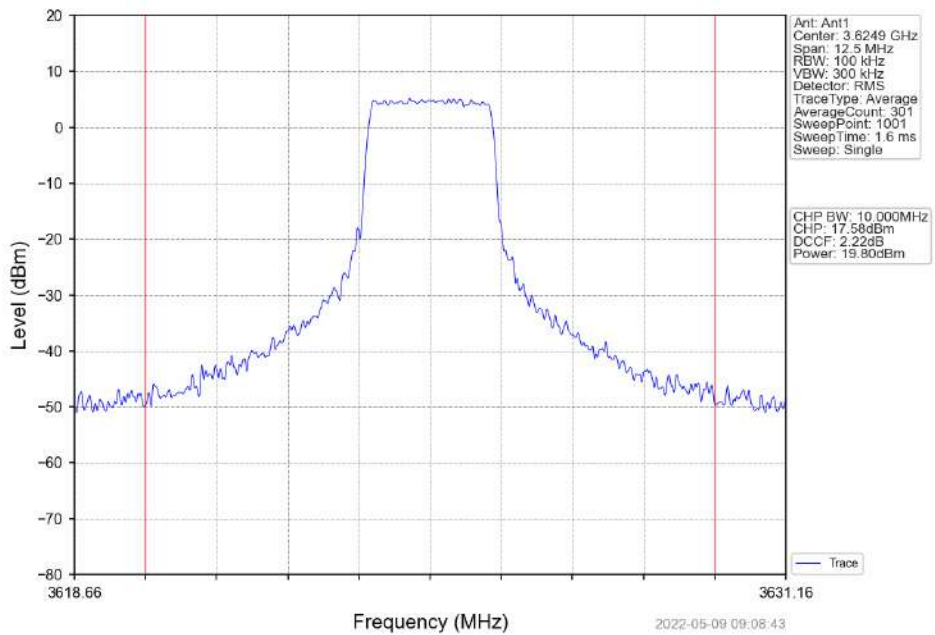
Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_24\_NTNV



Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_12\_0\_NTNV

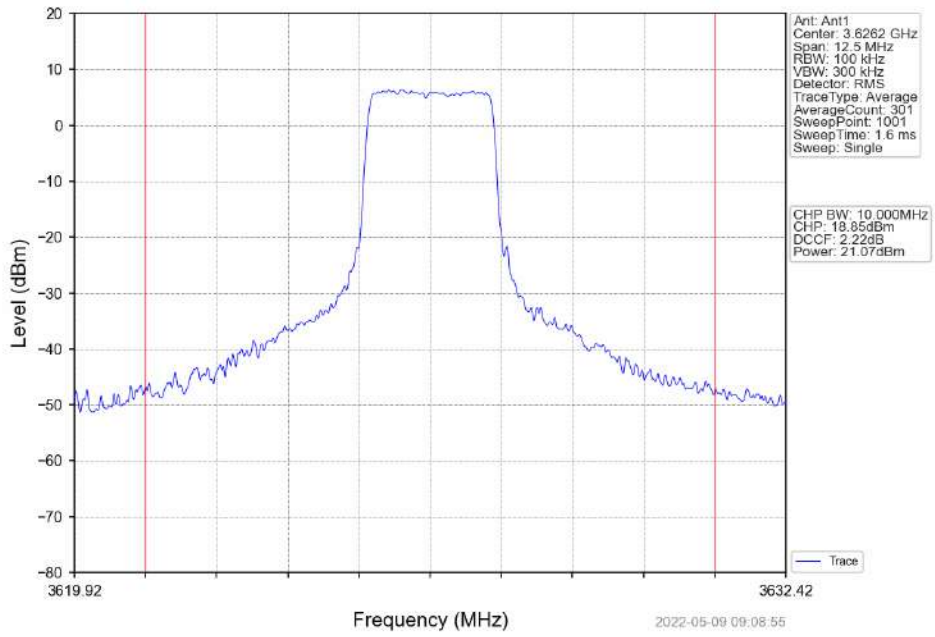


Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_12\_6\_NTNV

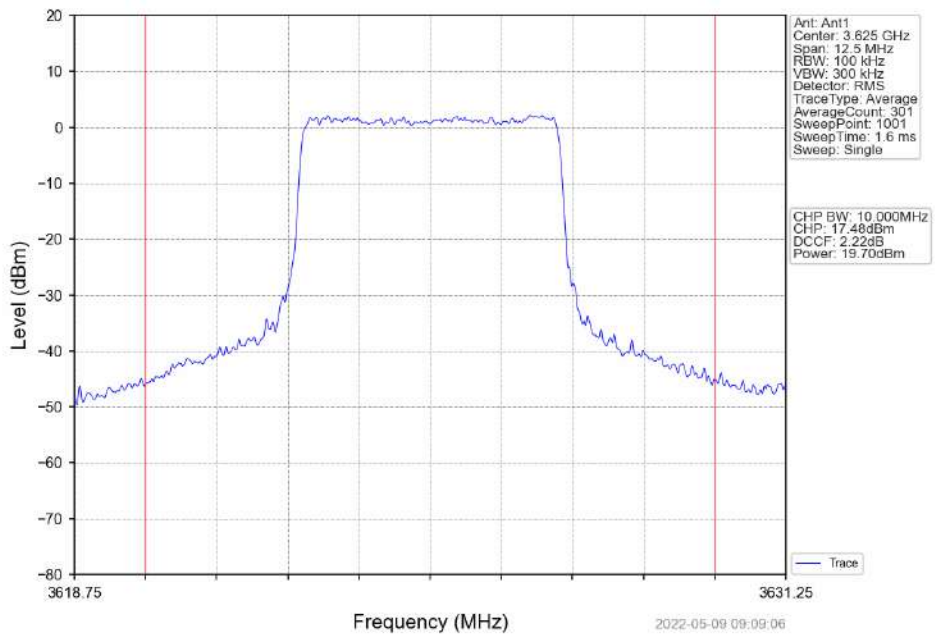




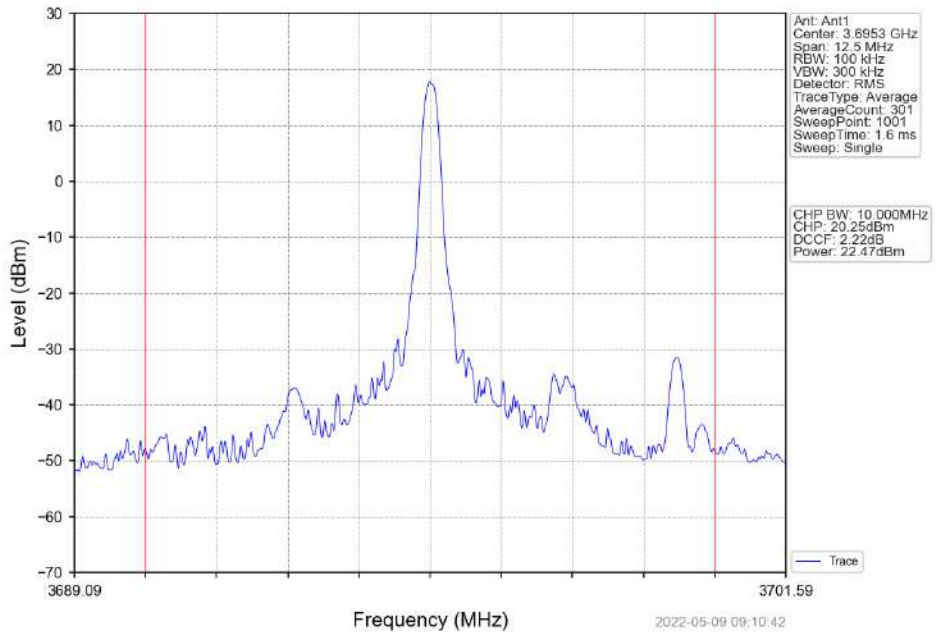
Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_12\_13\_NTNV



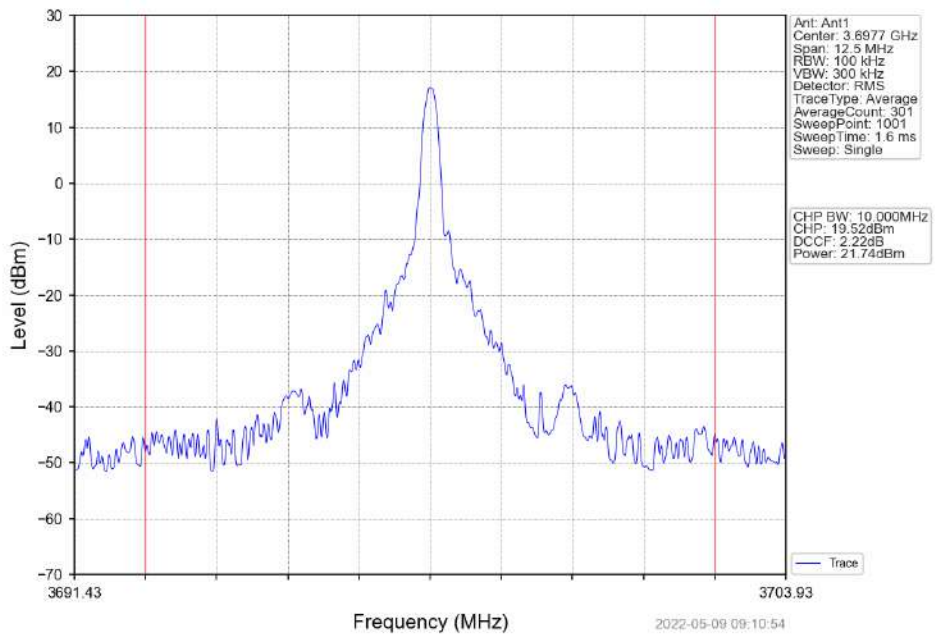
Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_25\_0\_NTNV



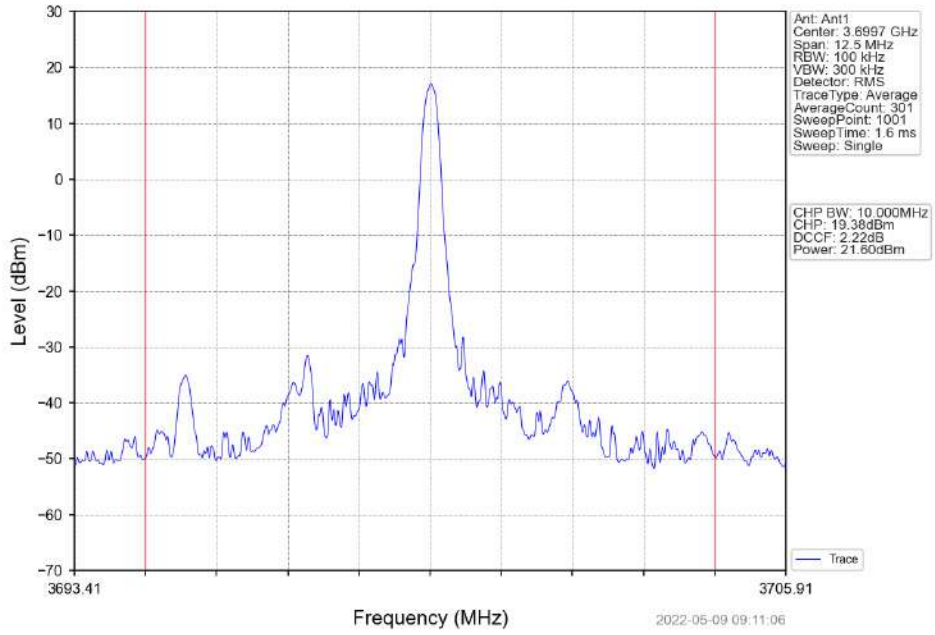
Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_1\_0\_NTNV



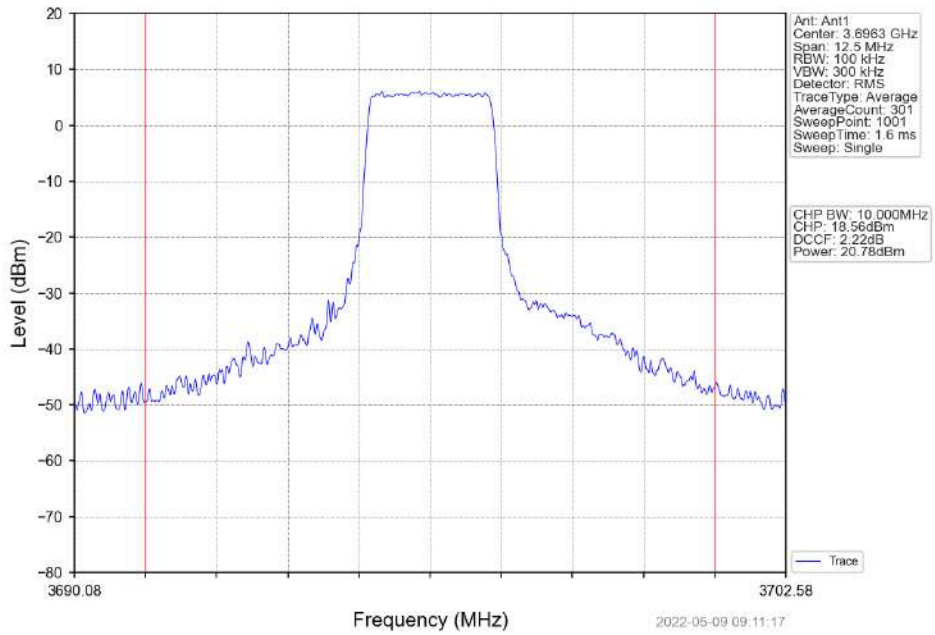
Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_1\_13\_NTNV



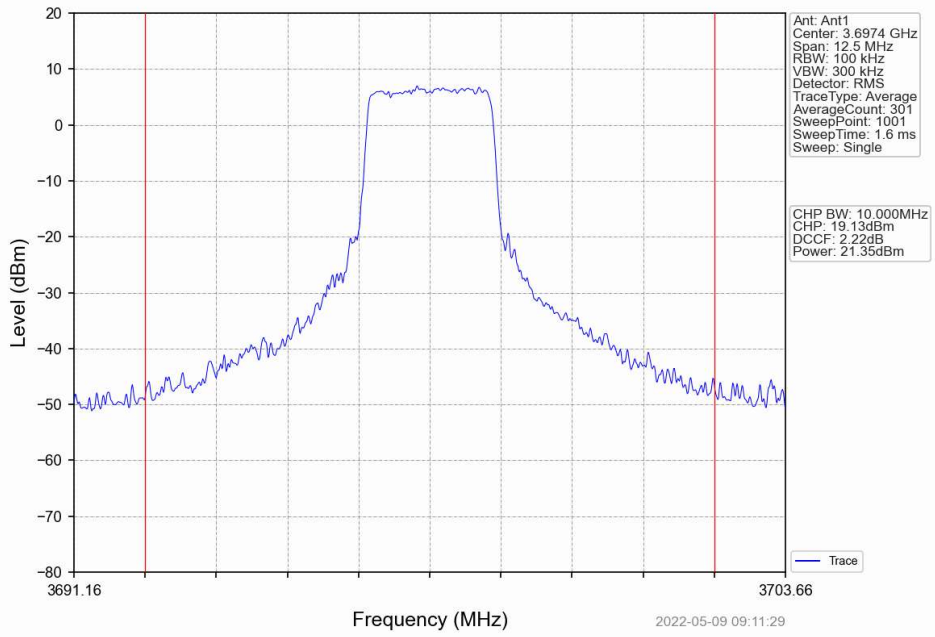
Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_1\_24\_NTNV



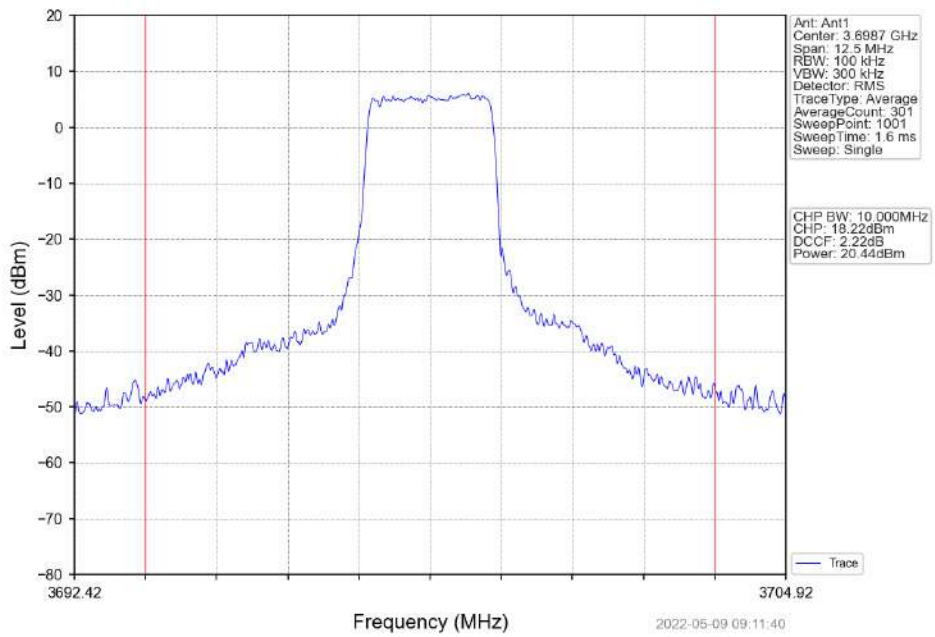
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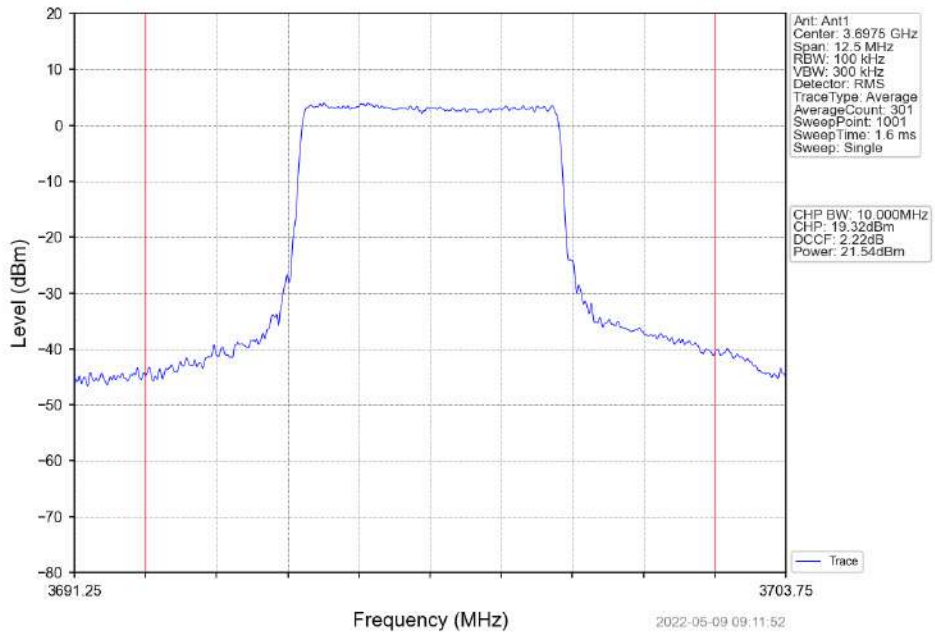
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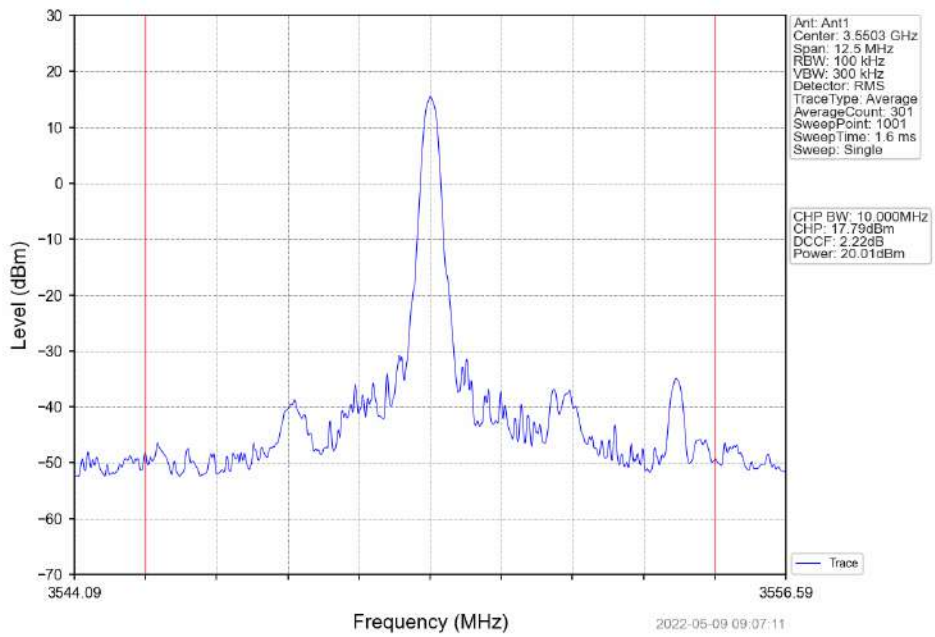
Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_12\_13\_NTNV



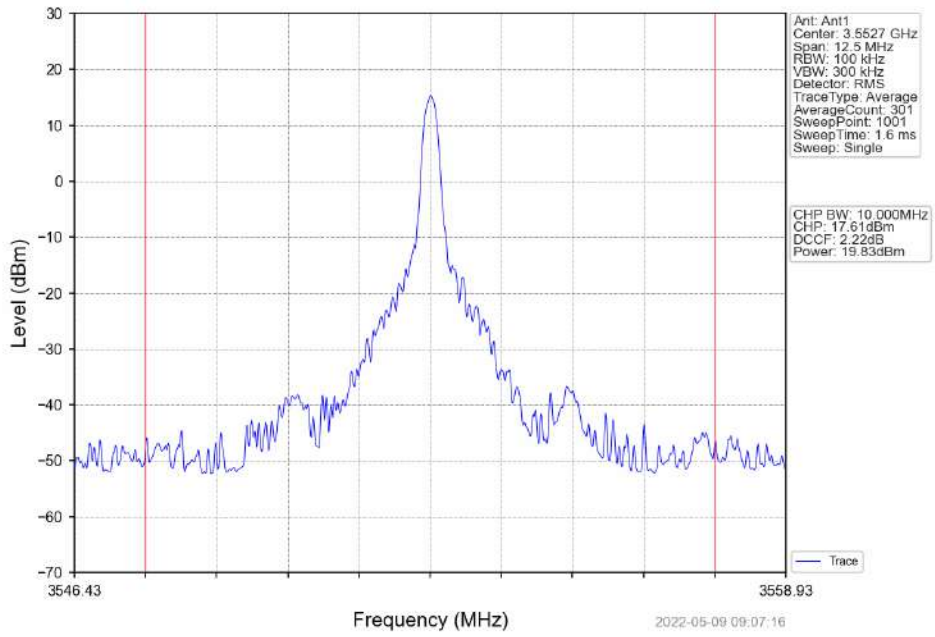
Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



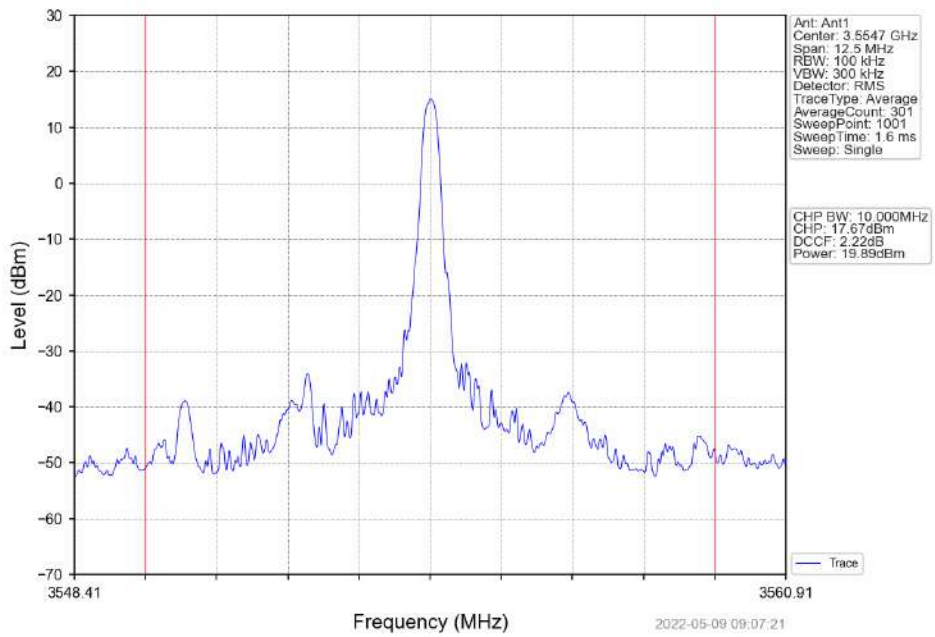
Band48\_5MHz\_16QAM\_LCH\_3552.5MHz\_RB\_1\_0\_NTNV



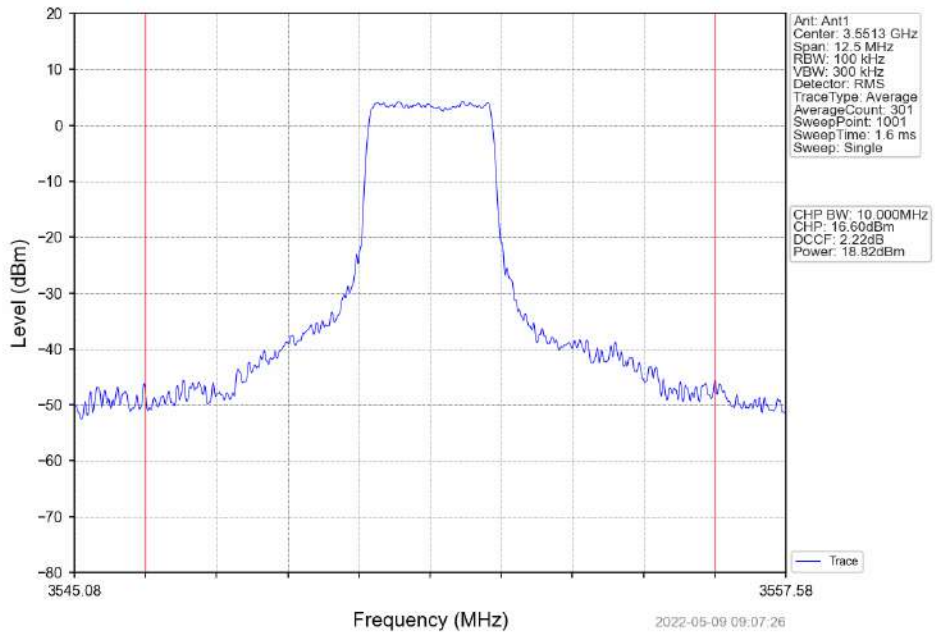
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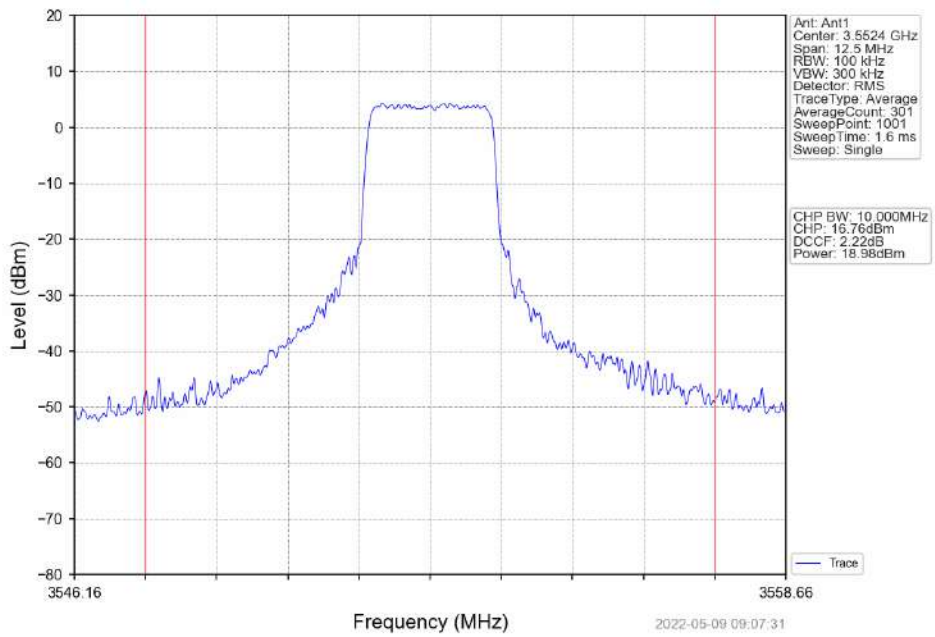
Band48\_5MHz\_16QAM\_LCH\_3552.5MHz\_RB\_1\_24\_NTNV



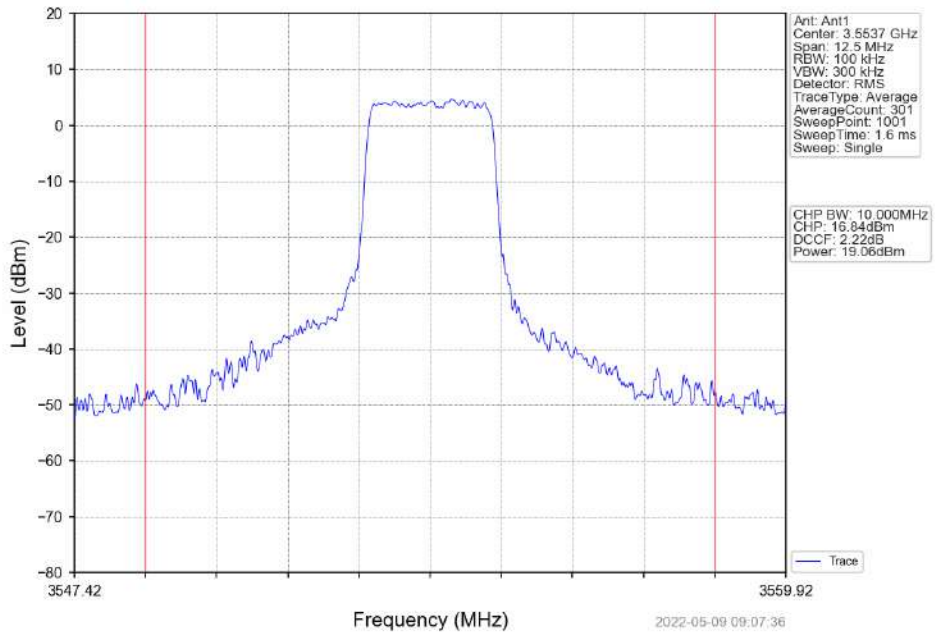
Band48\_5MHz\_16QAM\_LCH\_3552.5MHz\_RB\_12\_0\_NTNV



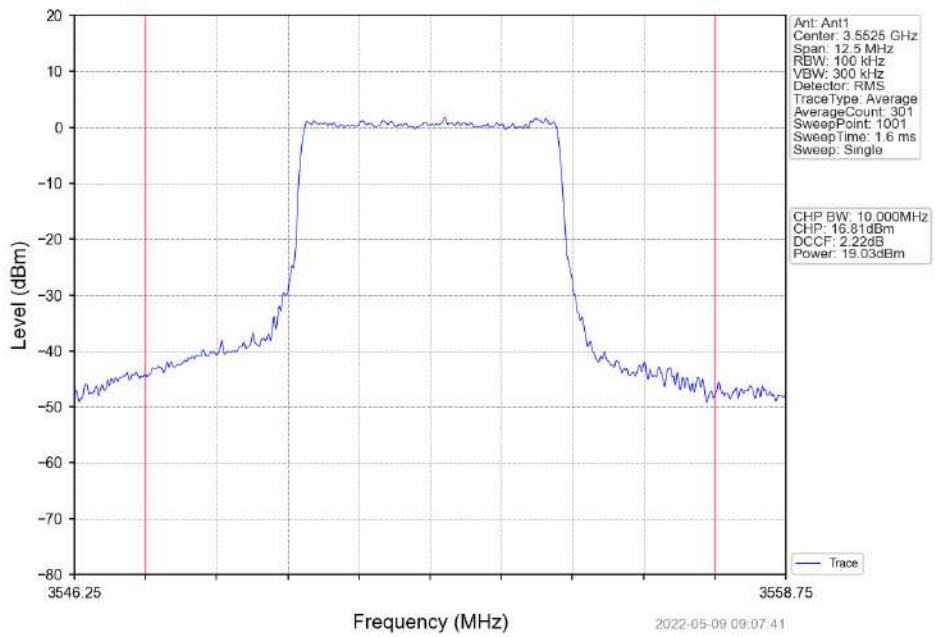
Band48\_5MHz\_16QAM\_LCH\_3552.5MHz\_RB\_12\_6\_NTNV



Band48\_5MHz\_16QAM\_LCH\_3552.5MHz\_RB\_12\_13\_NTNV

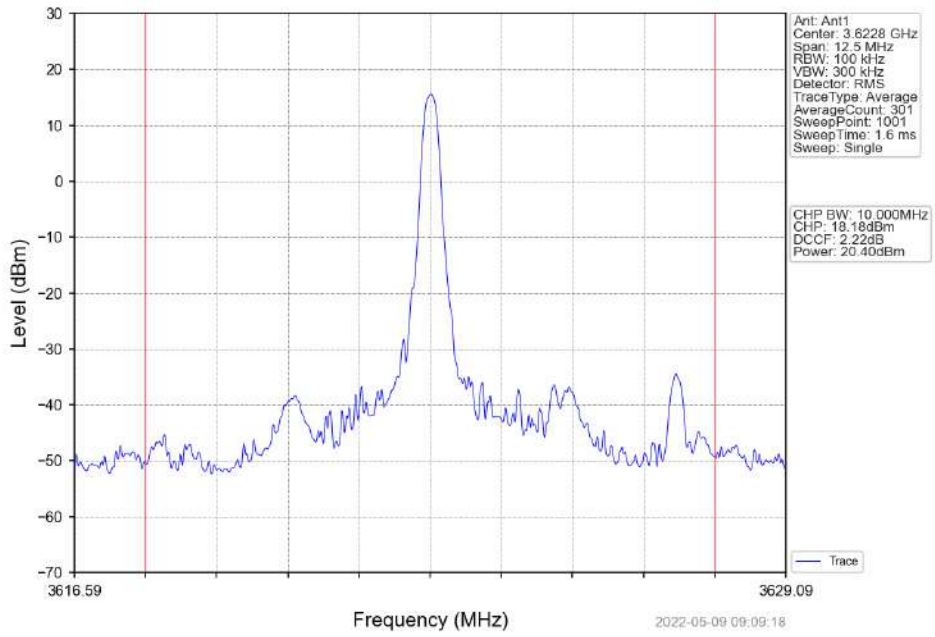


Band48\_5MHz\_16QAM\_LCH\_3552.5MHz\_RB\_25\_0\_NTNV

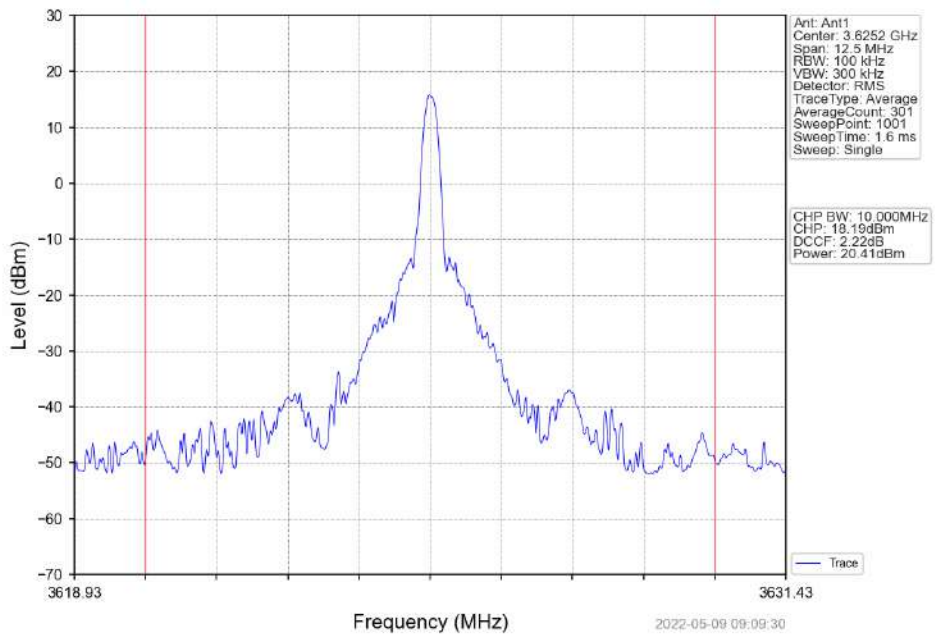




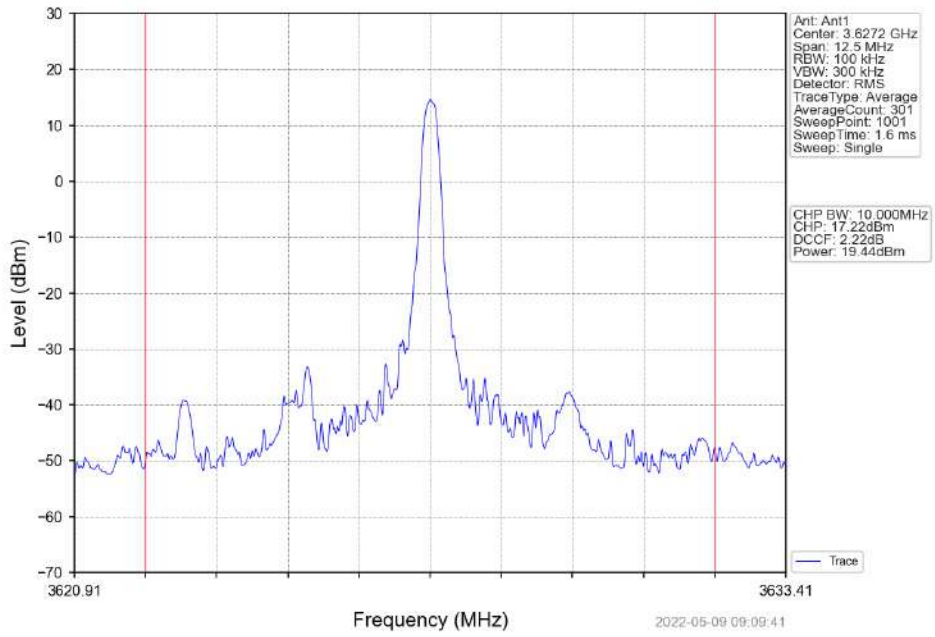
Band48\_5MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV



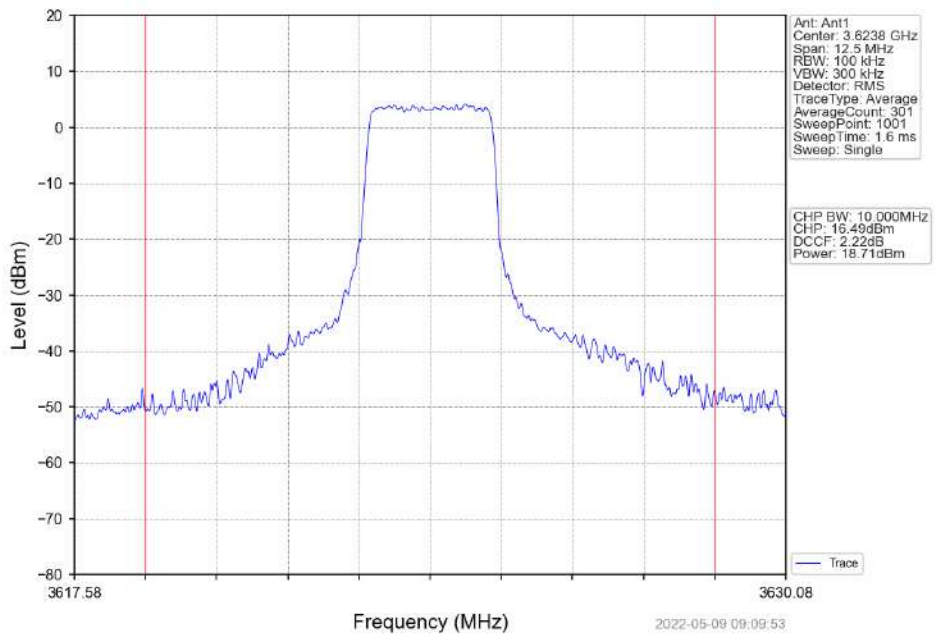
Band48\_5MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_13\_NTNV



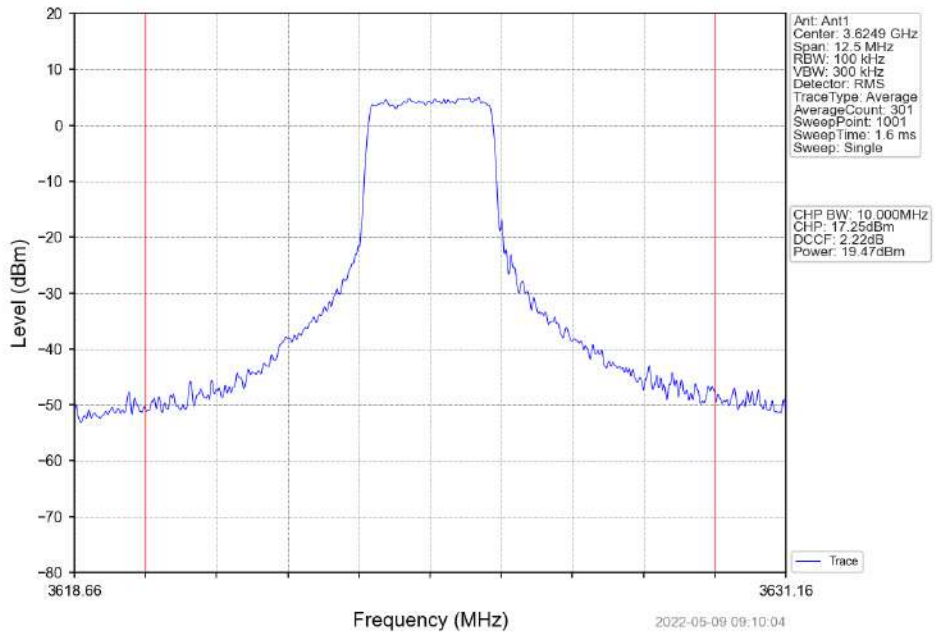
Band48\_5MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_24\_NTNV



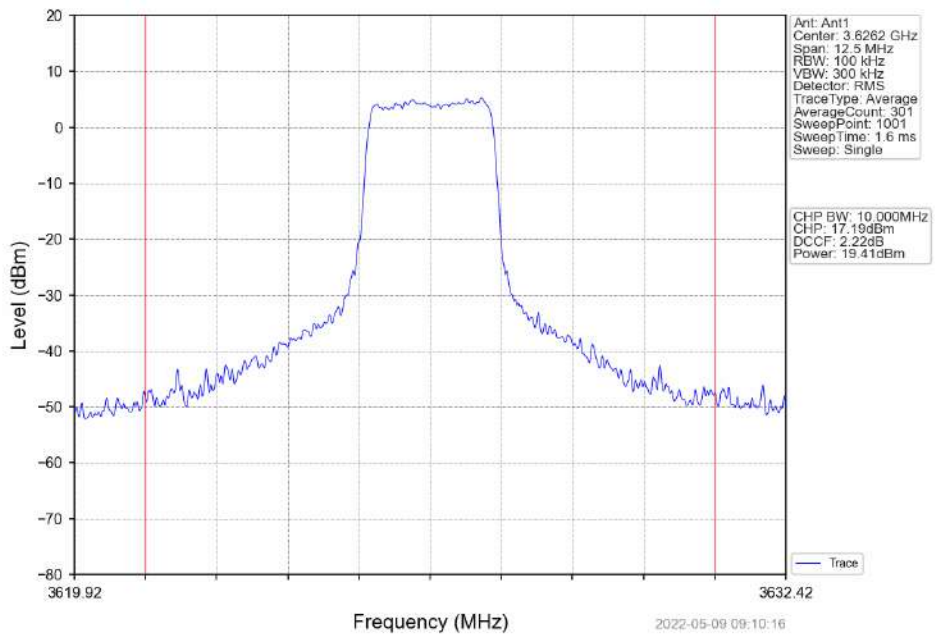
Band48\_5MHz\_16QAM\_MCH\_3625MHz\_RB\_12\_0\_NTNV



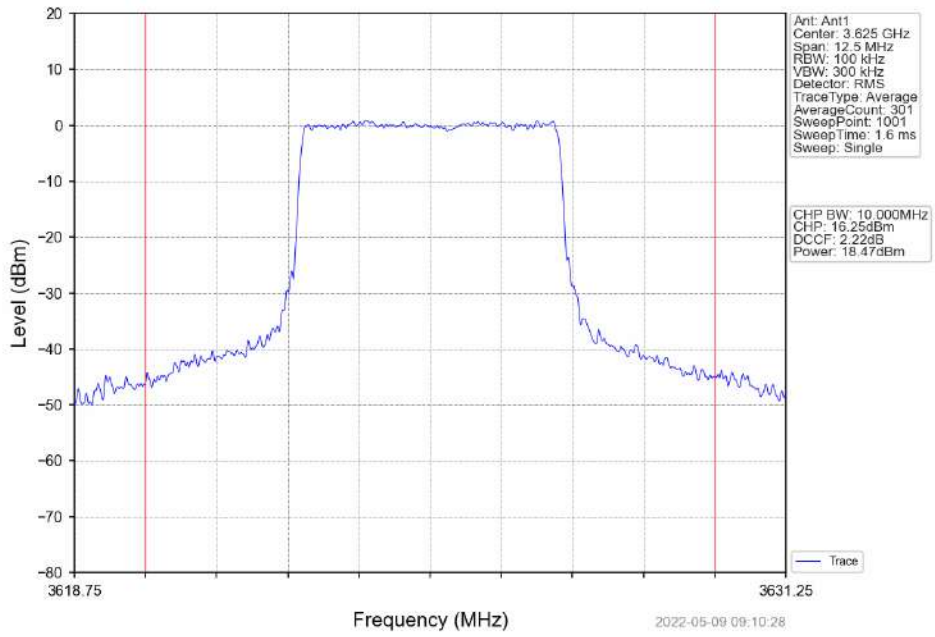
Band48\_5MHz\_16QAM\_MCH\_3625MHz\_RB\_12\_6\_NTNV



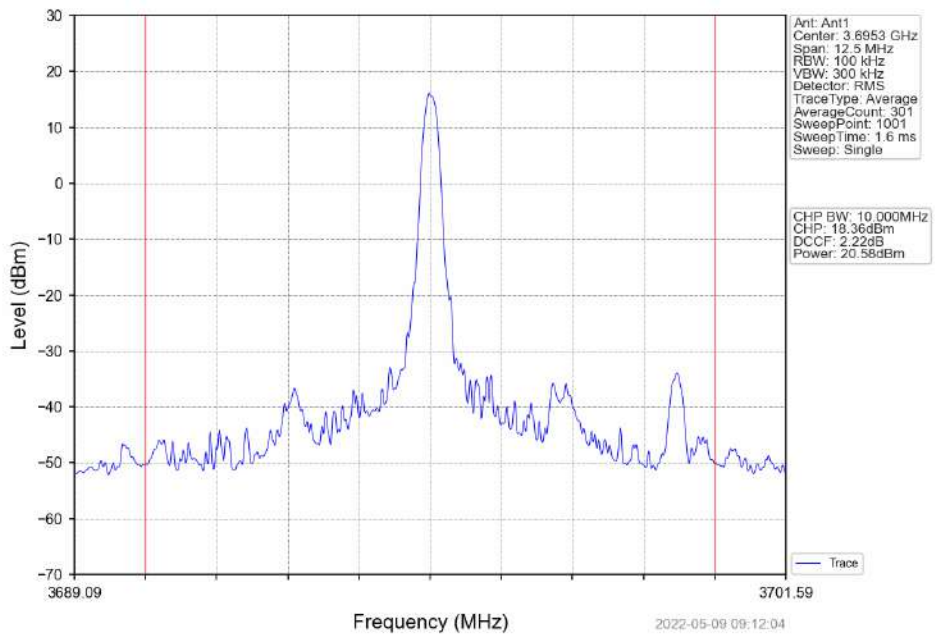
Band48\_5MHz\_16QAM\_MCH\_3625MHz\_RB\_12\_13\_NTNV



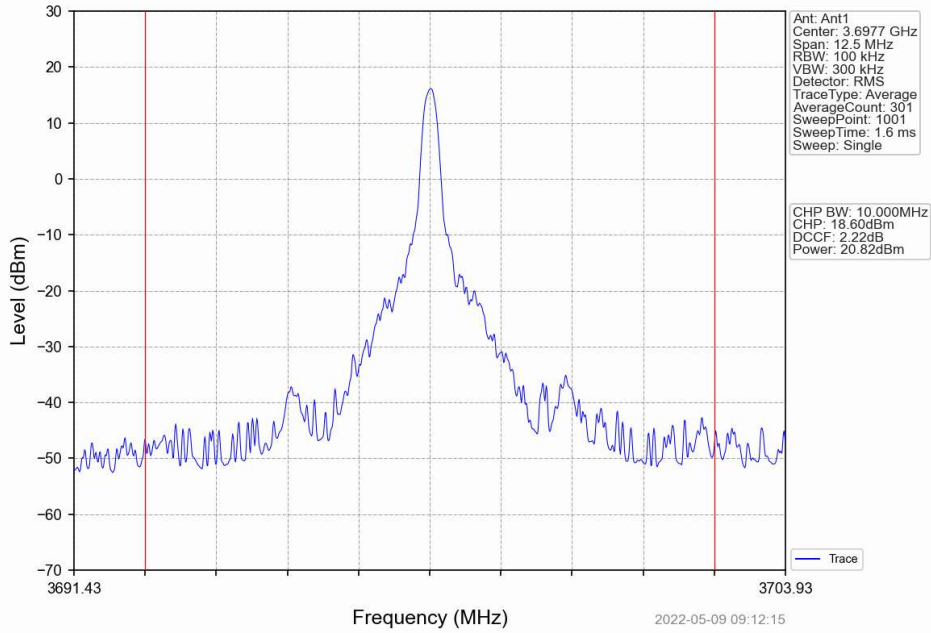
Band48\_5MHz\_16QAM\_MCH\_3625MHz\_RB\_25\_0\_NTNV



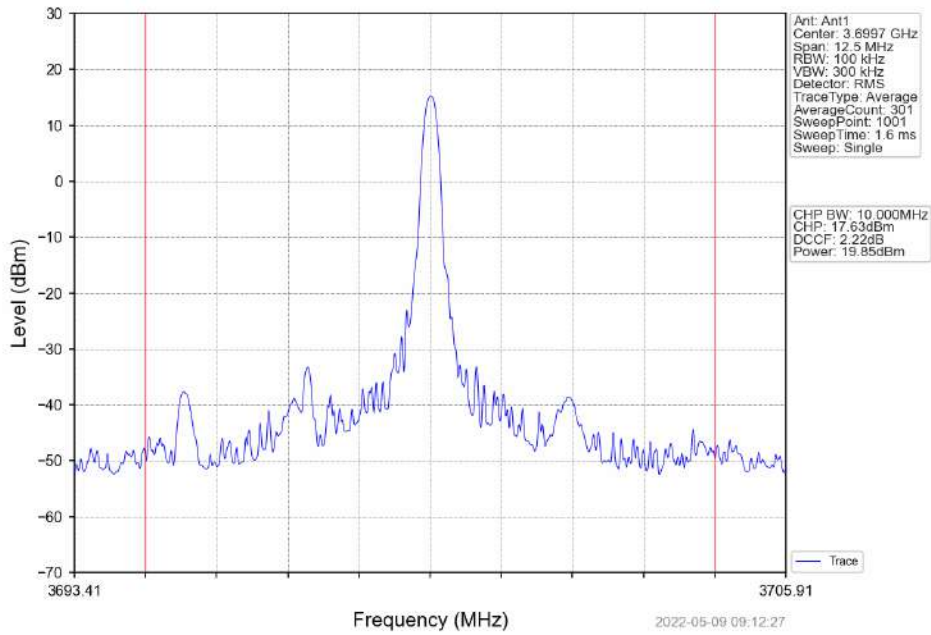
Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_1\_0\_NTNV



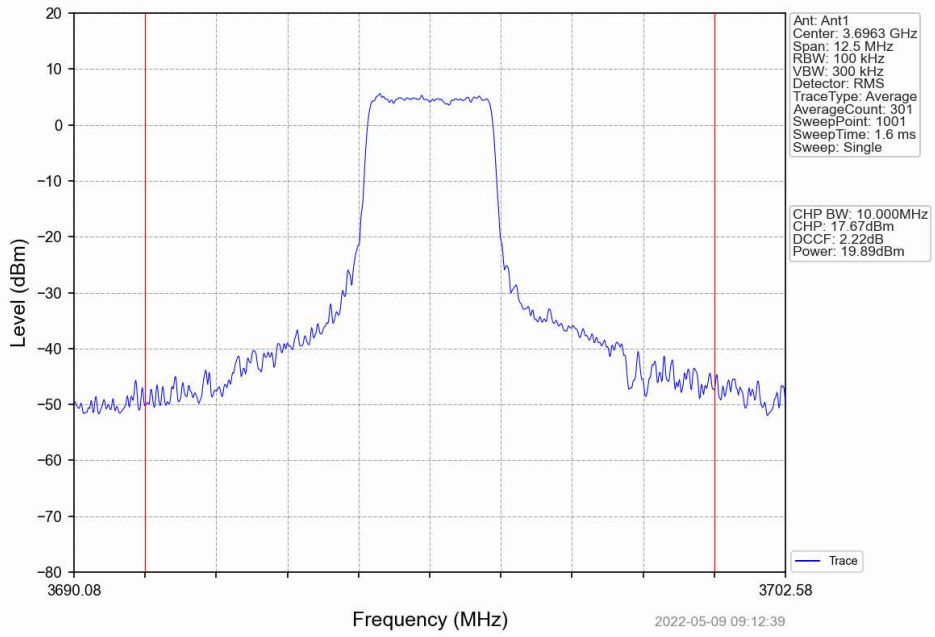
Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_1\_13\_NTNV



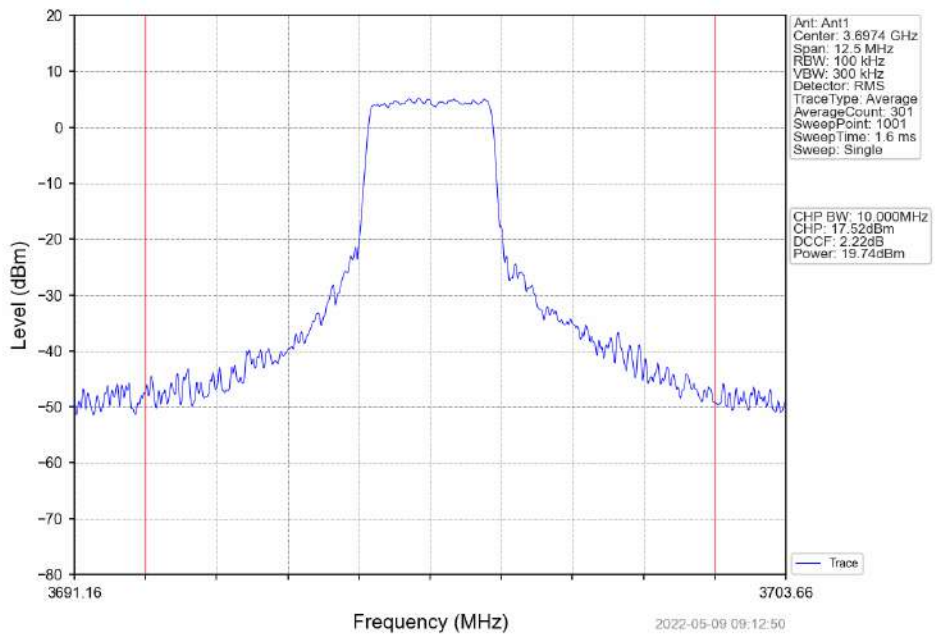
Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_1\_24\_NTNV



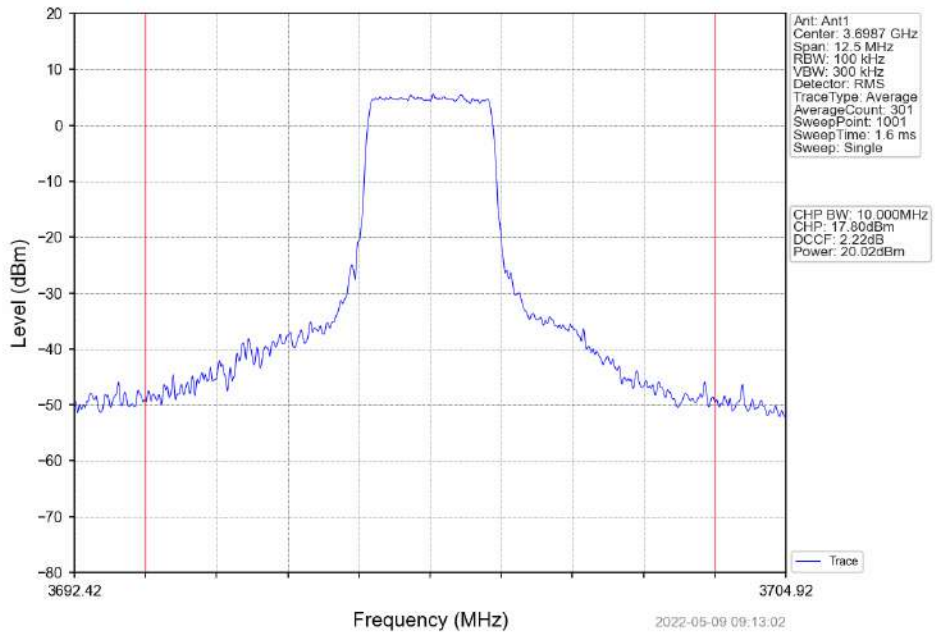
Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_12\_0\_NTNV



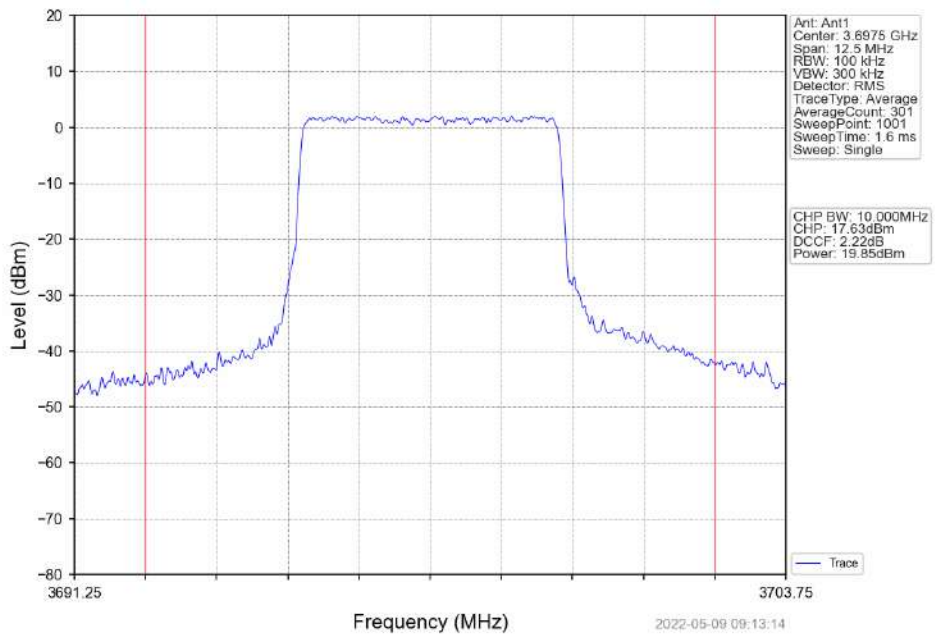
Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_12\_6\_NTNV



Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_12\_13\_NTNV



Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



## 1.2 B48\_10MHz\_EIRP

### 1.2.1 Test Result

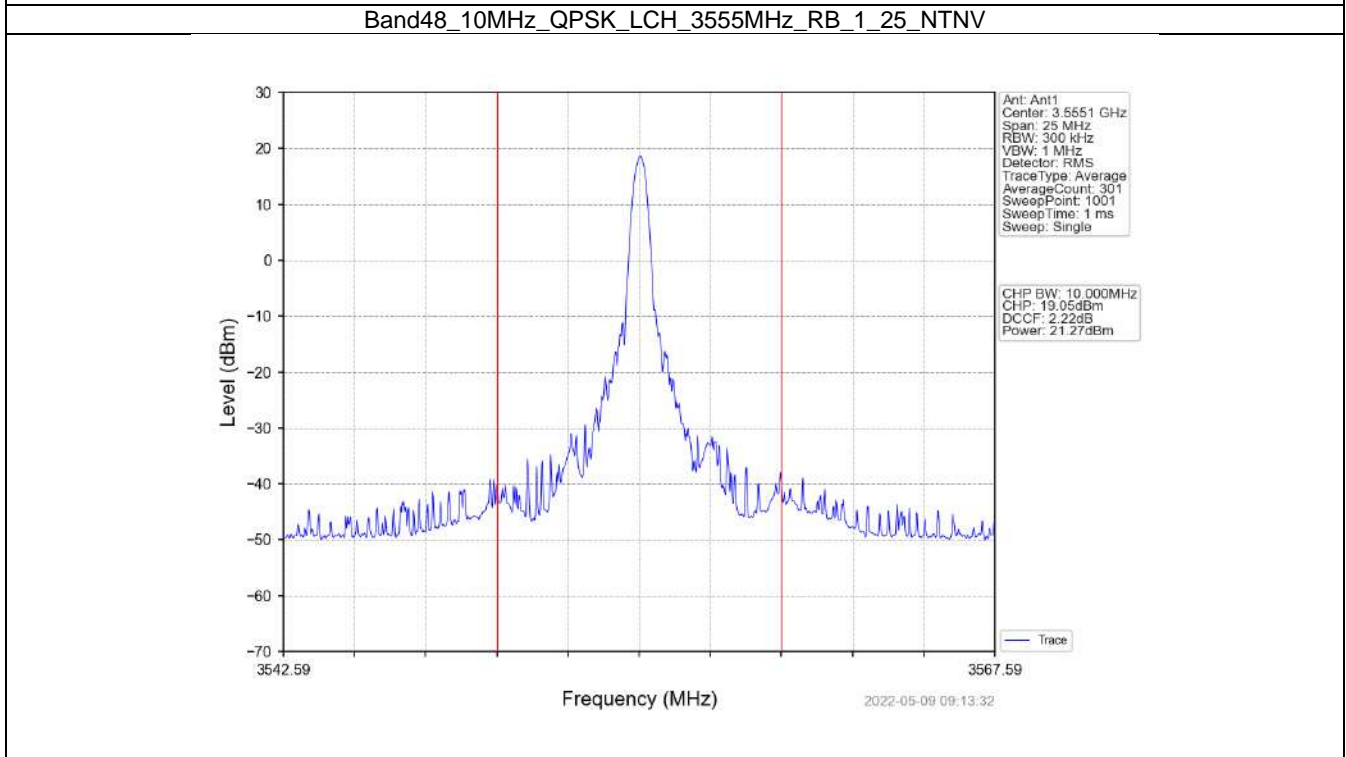
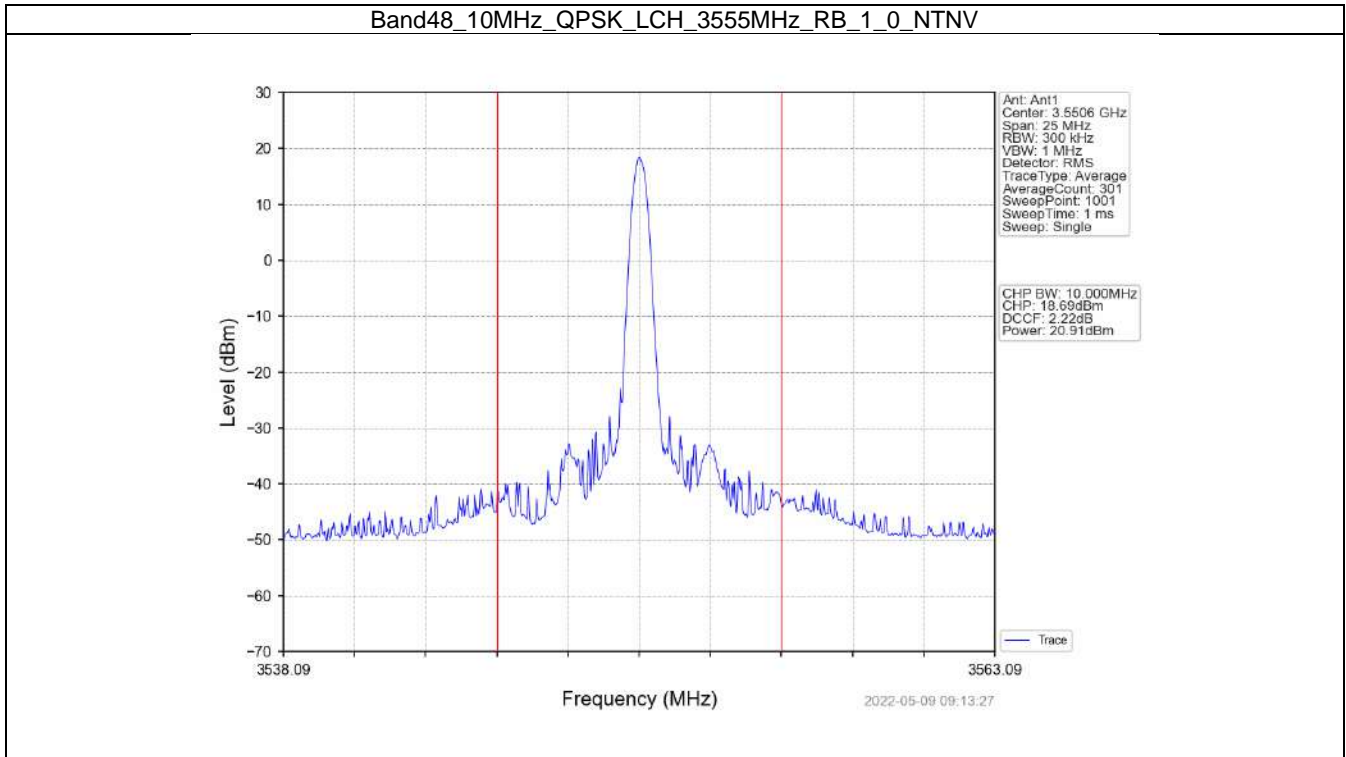
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report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked
report_checked	report_checked	Size	Offset	report_checked	report_checked	Result	Limit	report_checked
report_checked	report_checked	report_checked	0	20.91	-0.13	20.78	<=23	Pass
report_checked	report_checked	report_checked	25	21.27	-0.13	21.14	<=23	Pass
report_checked	report_checked	report_checked	49	20.98	-0.13	20.85	<=23	Pass
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report_checked	report_checked	report_checked	13	20.20	-0.13	20.07	<=23	Pass
report_checked	report_checked	report_checked	25	19.84	-0.13	19.71	<=23	Pass
report_checked	report_checked	50	0	20.27	-0.13	20.14	<=23	Pass
report_checked	report_checked	report_checked		21.27	-0.13	21.14	<=23	Pass
report_checked	report_checked	report_checked	25	21.36	-0.13	21.23	<=23	Pass
report_checked	report_checked	report_checked	49	21.20	-0.13	21.07	<=23	Pass
report_checked	report_checked	report_checked	0	20.15	-0.13	20.02	<=23	Pass
report_checked	report_checked	report_checked	13	20.53	-0.13	20.40	<=23	Pass
report_checked	report_checked	report_checked	25	20.67	-0.13	20.54	<=23	Pass
report_checked	report_checked	50	0	20.20	-0.13	20.07	<=23	Pass
report_checked	report_checked	report_checked		21.78	-0.13	21.65	<=23	Pass
report_checked	report_checked	report_checked	25	22.12	-0.13	21.99	<=23	Pass
report_checked	report_checked	report_checked	49	22.02	-0.13	21.89	<=23	Pass
report_checked	report_checked	report_checked	0	21.20	-0.13	21.07	<=23	Pass
report_checked	report_checked	report_checked	13	21.14	-0.13	21.01	<=23	Pass
report_checked	report_checked	report_checked	25	20.94	-0.13	20.81	<=23	Pass
report_checked	report_checked	50	0	21.24	-0.13	21.11	<=23	Pass
report_checked	report_checked	report_checked		20.24	-0.13	20.11	<=23	Pass
report_checked	report_checked	report_checked	25	20.14	-0.13	20.01	<=23	Pass
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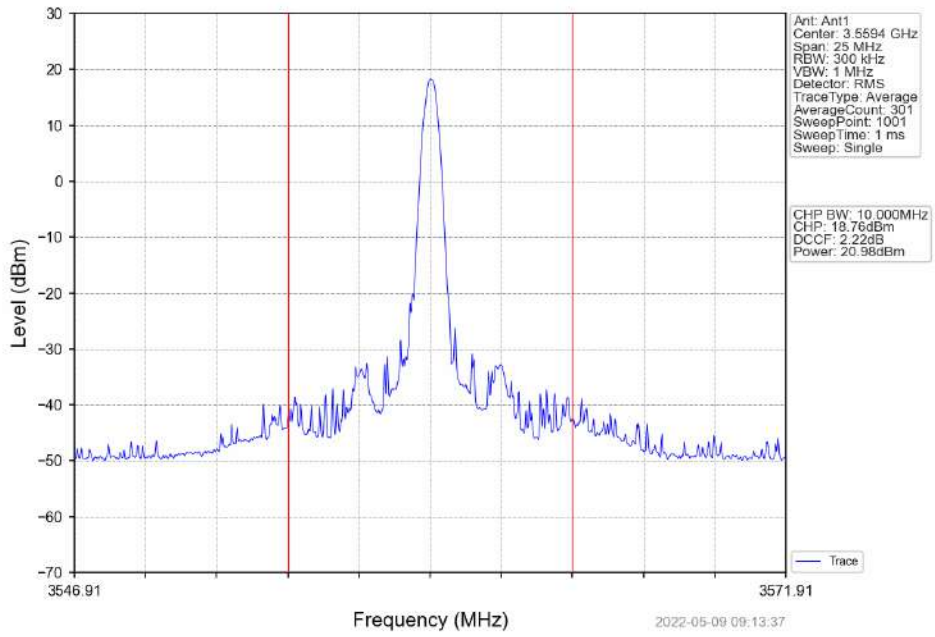
ed	ed	ed						
report_checked	report_checked	report_checked	0	19.21	-0.13	19.08	<=23	Pass
report_checked	report_checked	report_checked	13	19.17	-0.13	19.04	<=23	Pass
report_checked	report_checked	report_checked	25	19.13	-0.13	19.00	<=23	Pass
report_checked	report_checked	50	0	18.85	-0.13	18.72	<=23	Pass
report_checked	report_checked	report_checked		20.15	-0.13	20.02	<=23	Pass
report_checked	report_checked	report_checked	25	20.11	-0.13	19.98	<=23	Pass
report_checked	report_checked	report_checked	49	20.55	-0.13	20.42	<=23	Pass
report_checked	report_checked	report_checked	0	19.43	-0.13	19.30	<=23	Pass
report_checked	report_checked	report_checked	13	19.57	-0.13	19.44	<=23	Pass
report_checked	report_checked	report_checked	25	19.40	-0.13	19.27	<=23	Pass
report_checked	report_checked	50	0	19.31	-0.13	19.18	<=23	Pass
report_checked	report_checked	report_checked		20.76	-0.13	20.63	<=23	Pass
report_checked	report_checked	report_checked	25	21.28	-0.13	21.15	<=23	Pass
report_checked	report_checked	report_checked	49	20.93	-0.13	20.80	<=23	Pass
report_checked	report_checked	report_checked	0	19.86	-0.13	19.73	<=23	Pass
report_checked	report_checked	report_checked	13	20.19	-0.13	20.06	<=23	Pass
report_checked	report_checked	report_checked	25	20.20	-0.13	20.07	<=23	Pass
report_checked	report_checked	50	0	20.36	-0.13	20.23	<=23	Pass

Note1: EIRP=Conducted Power+Antenna Gain

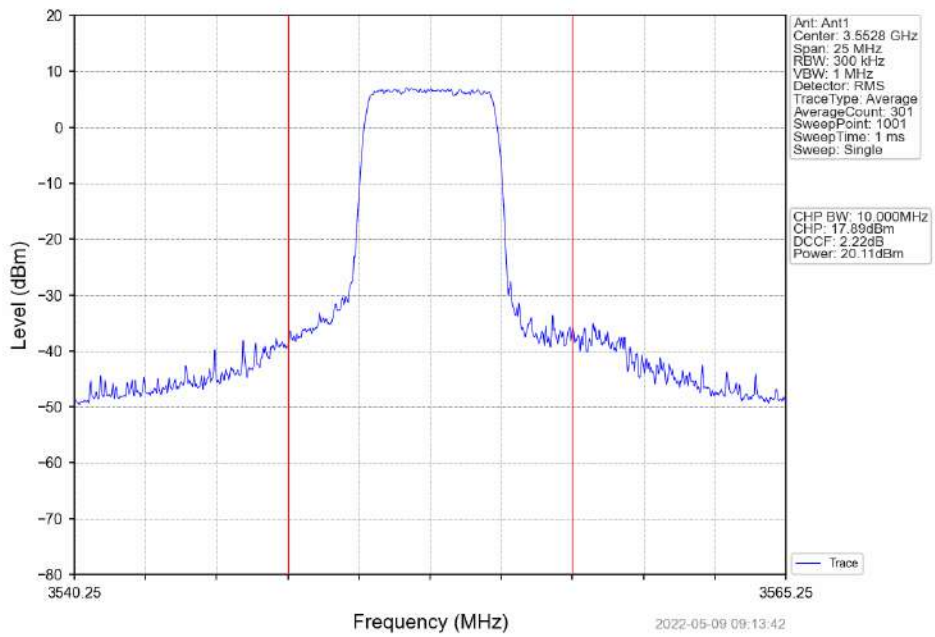
### 1.2.2 Test Graph



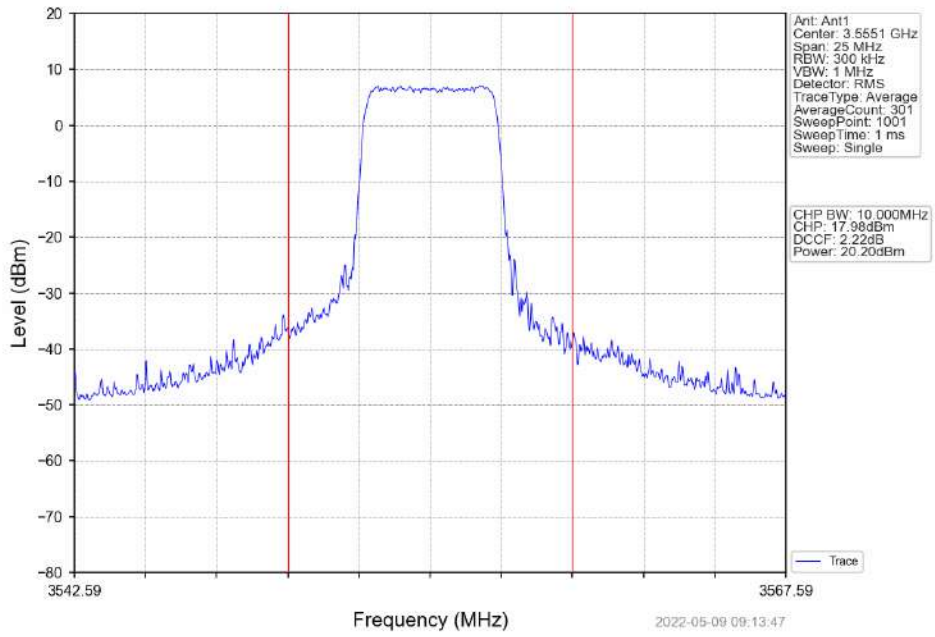
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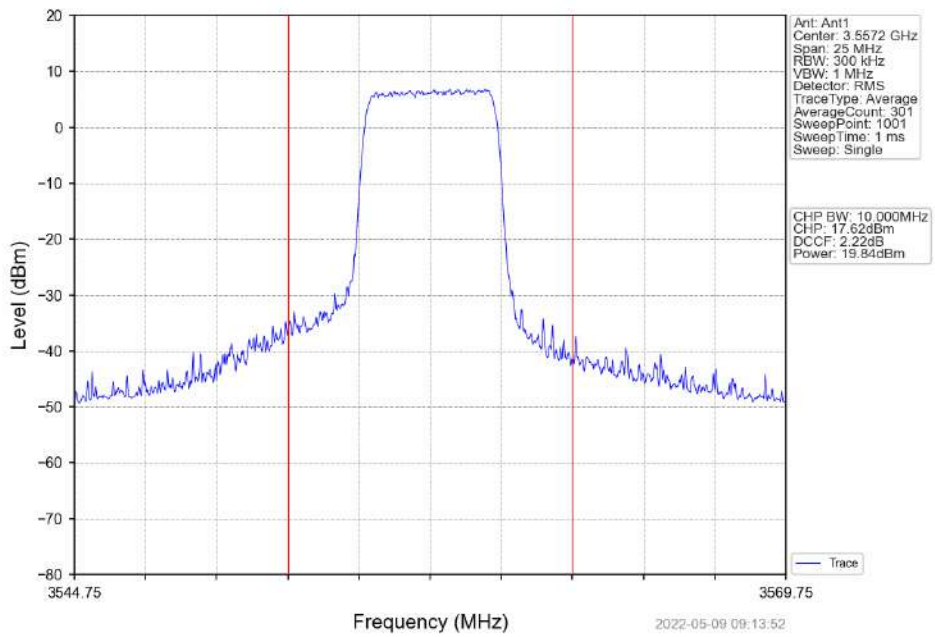
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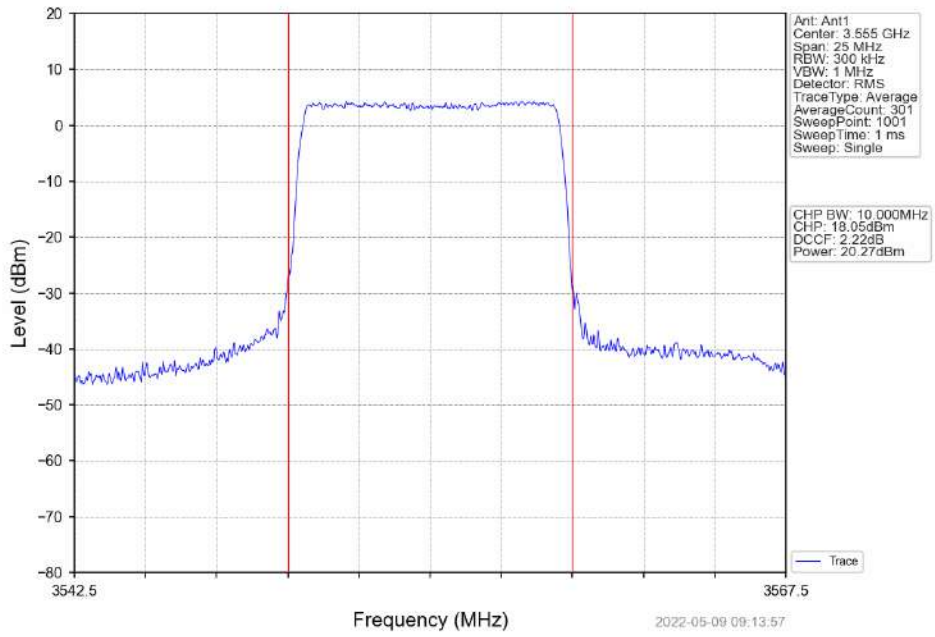
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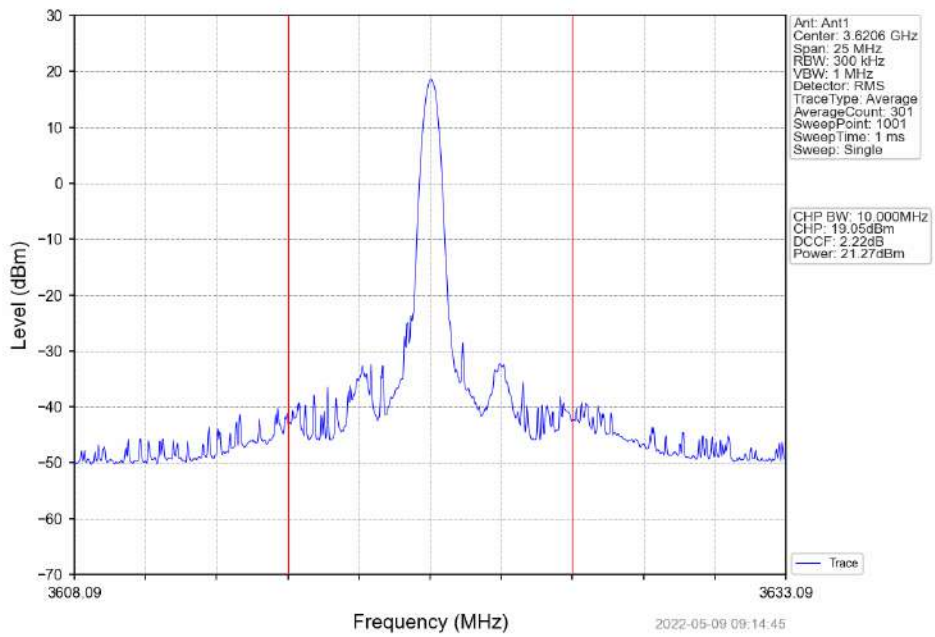
Band48\_10MHz\_QPSK\_LCH\_3555MHz\_RB\_25\_25\_NTNV



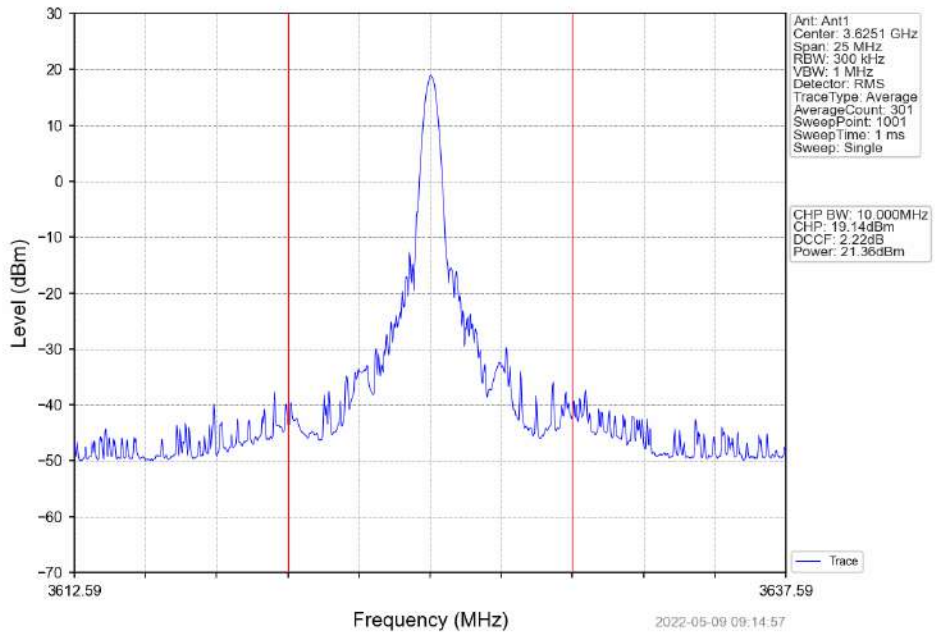
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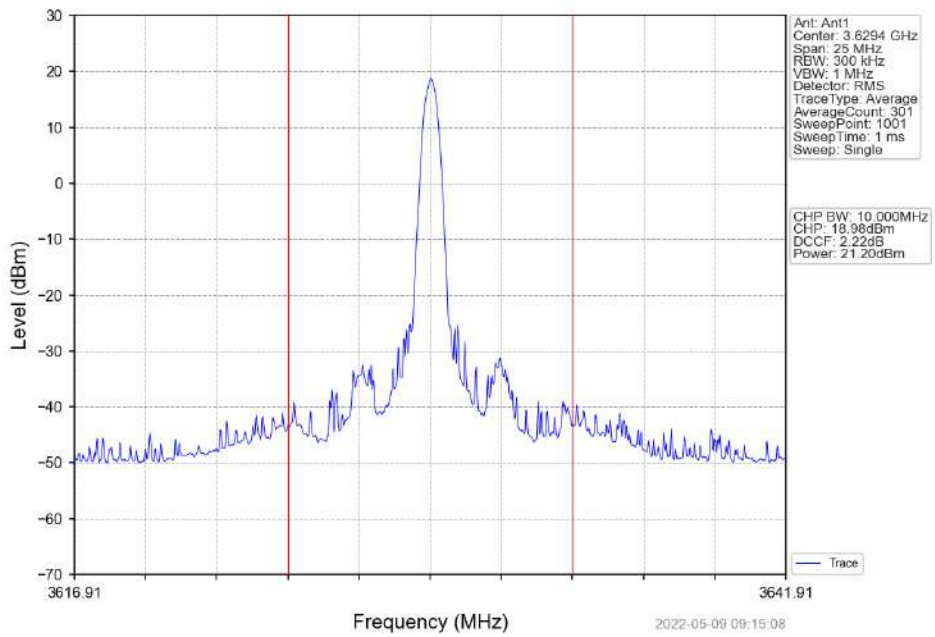
Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



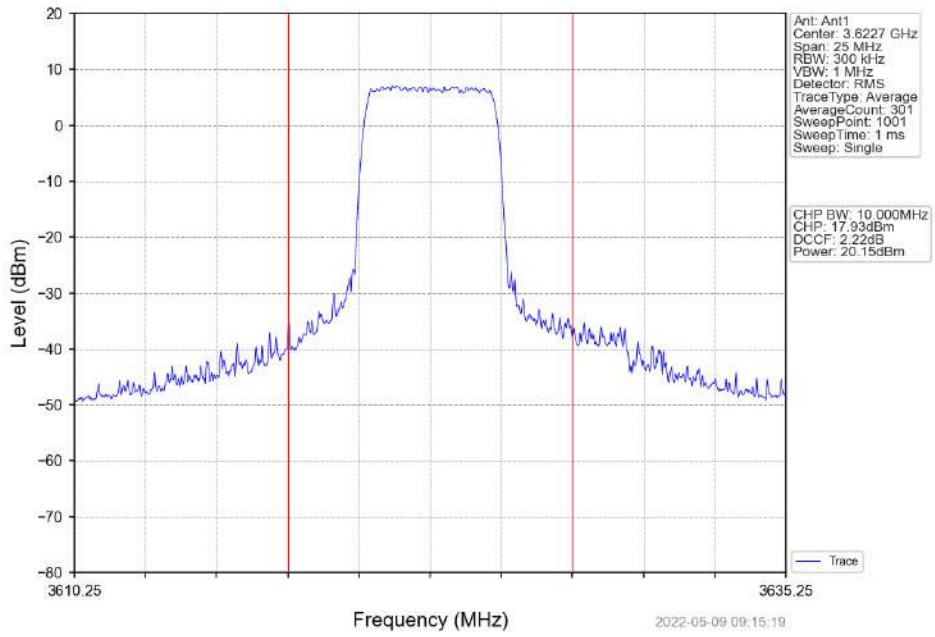
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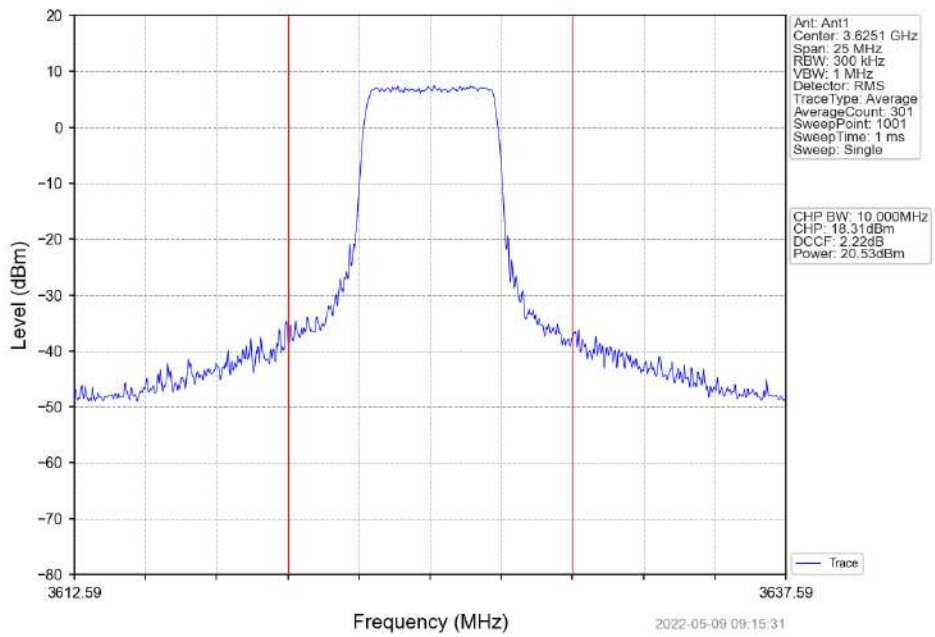
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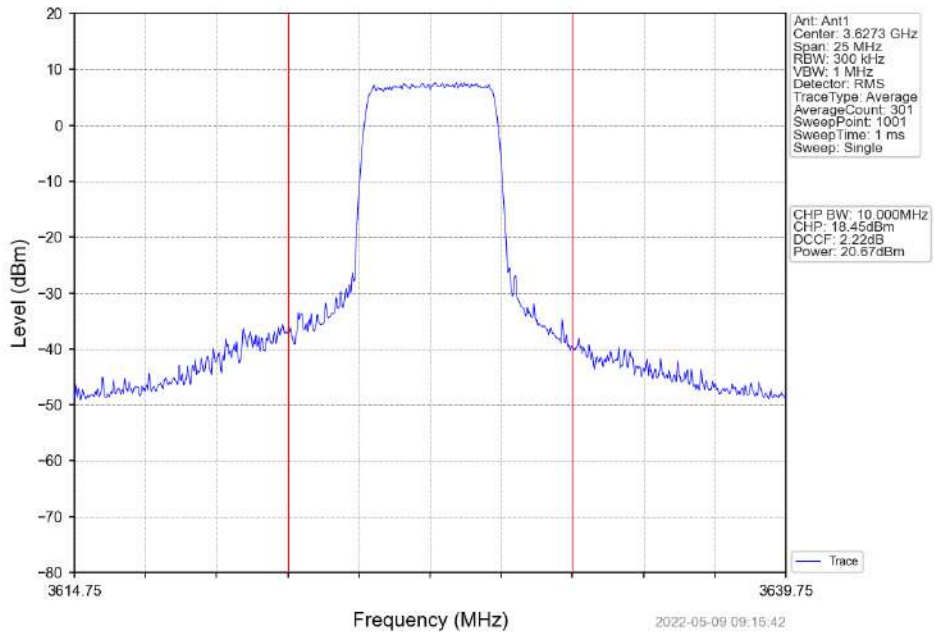
Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_25\_0\_NTNV



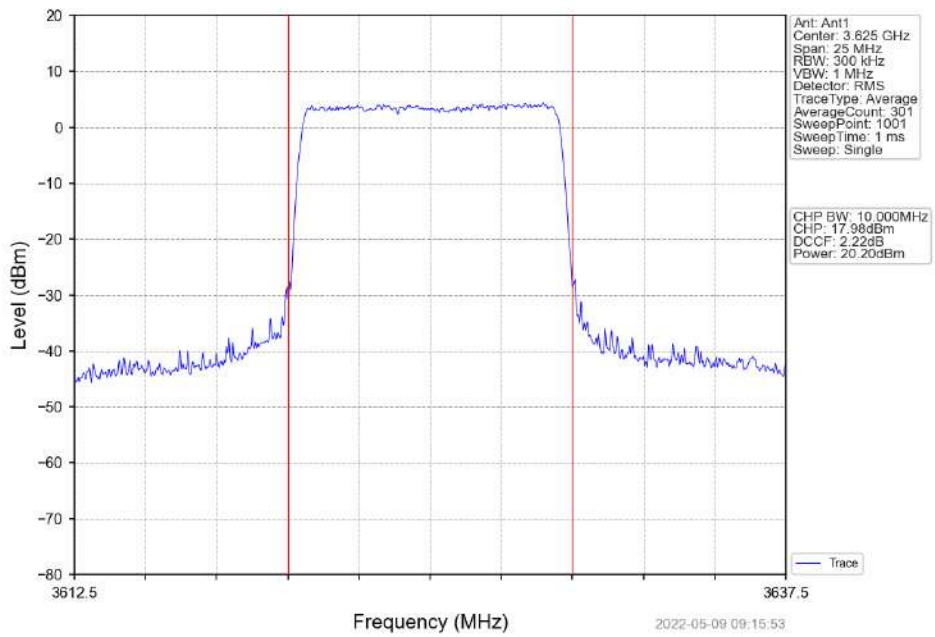
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Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_25\_25\_NTNV

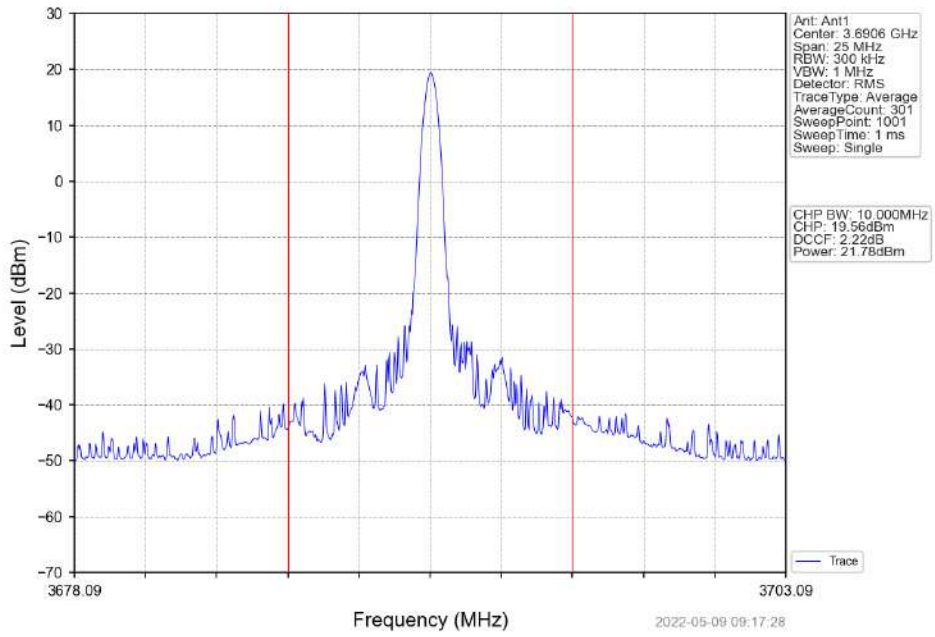


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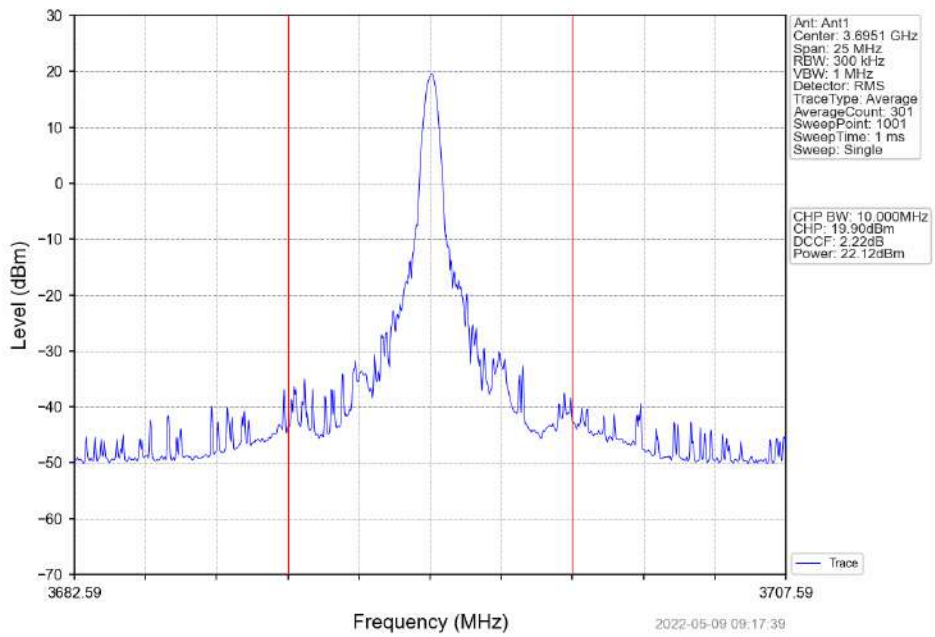




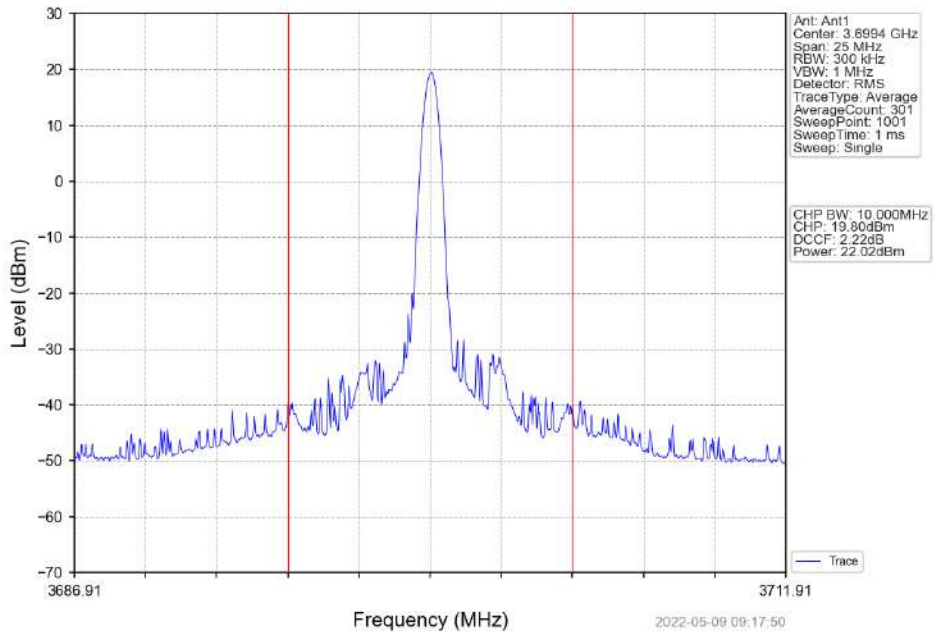
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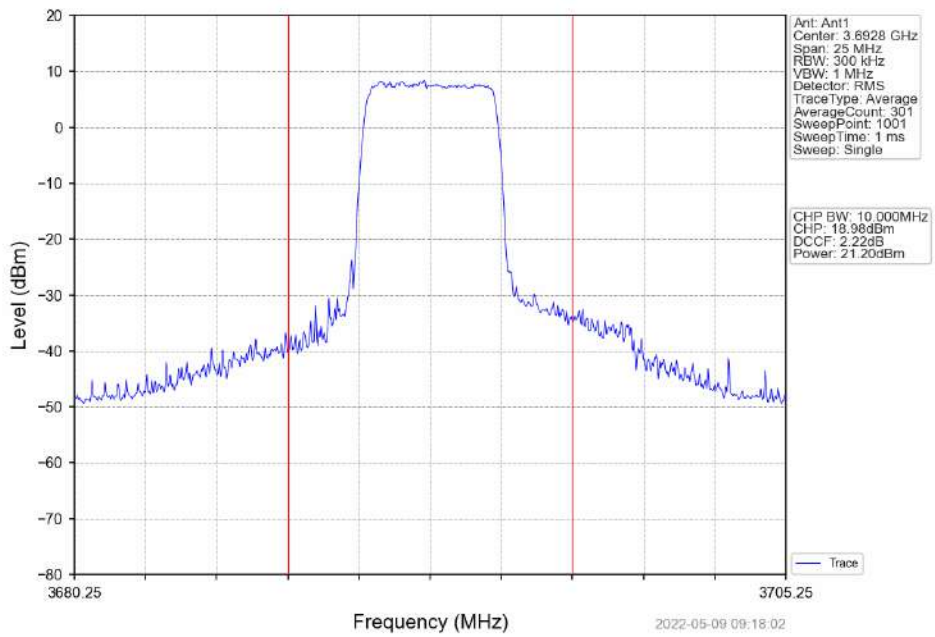
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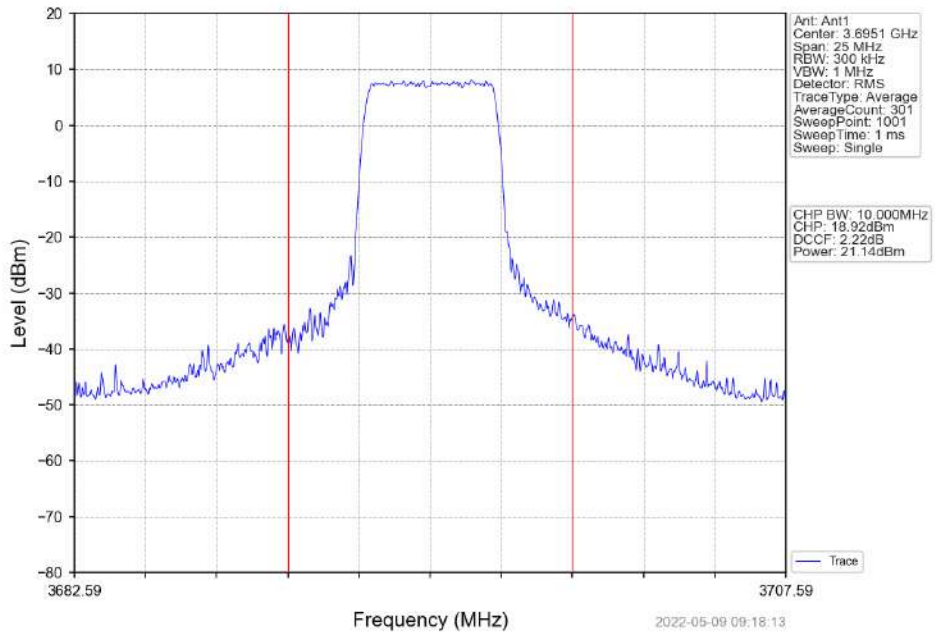
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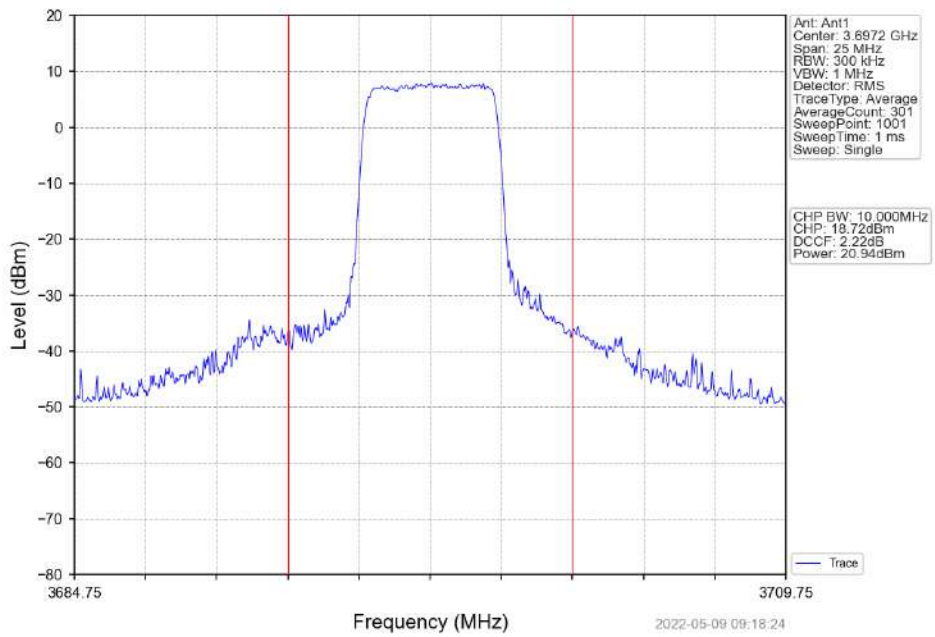
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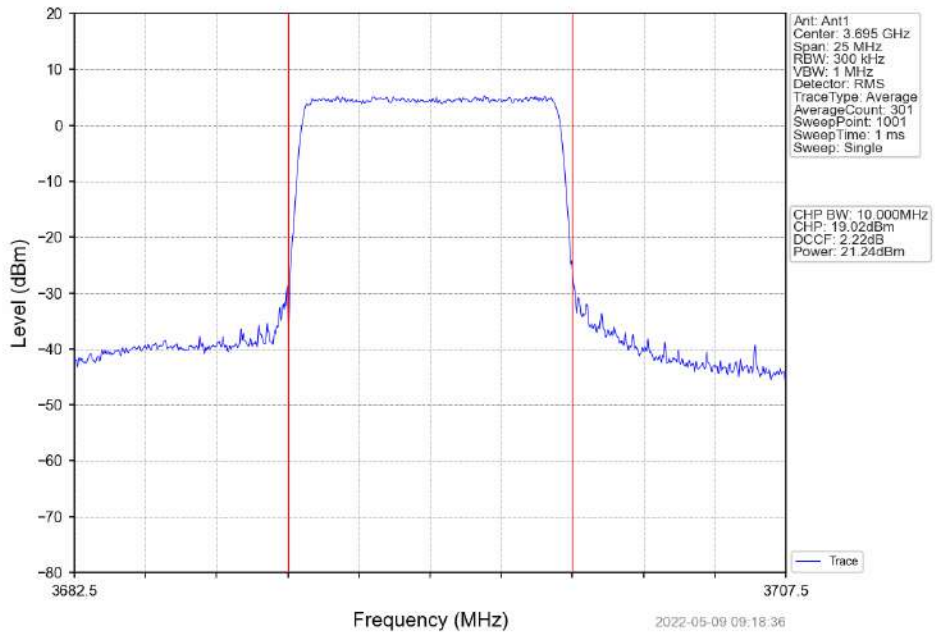
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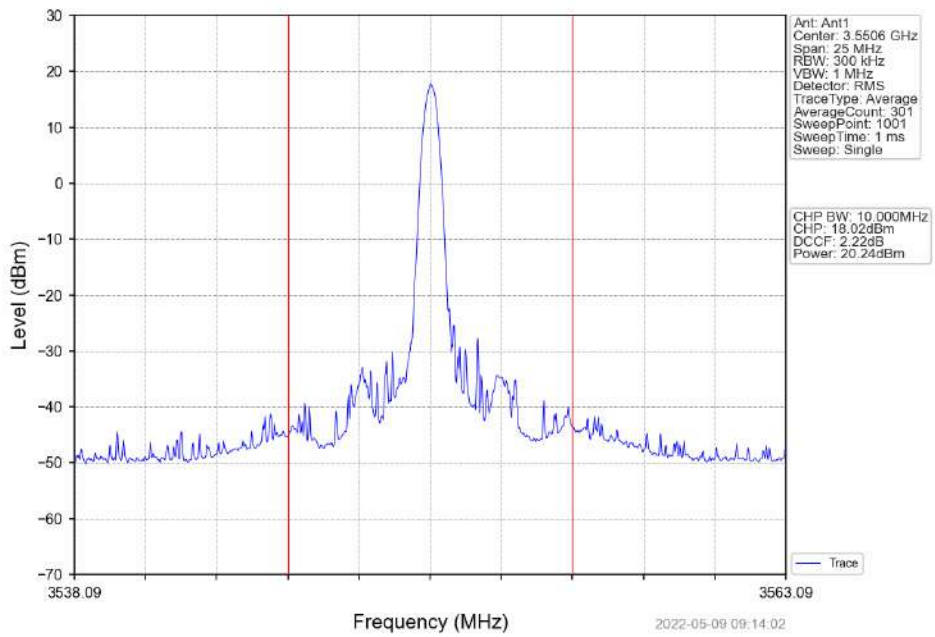
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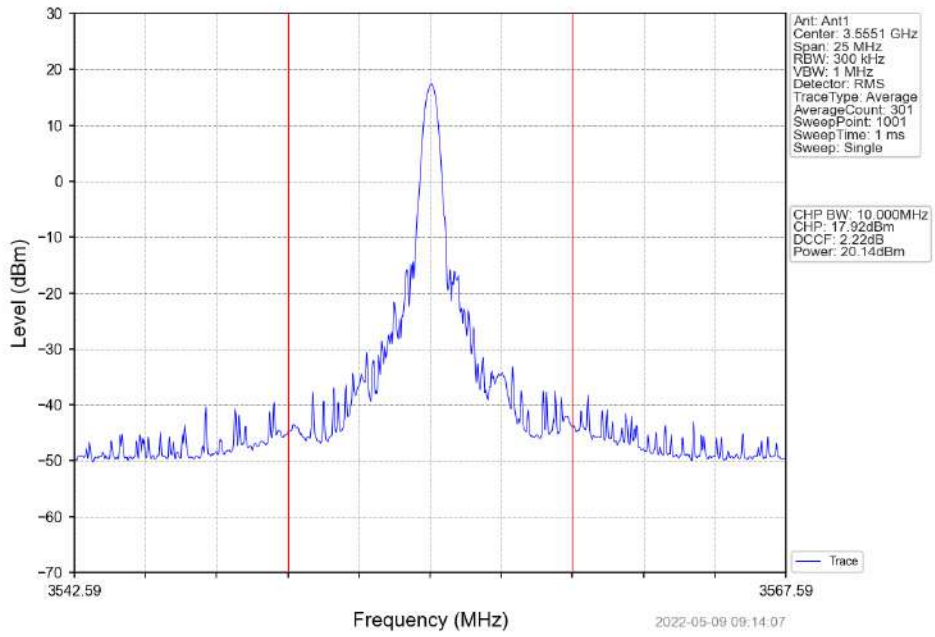
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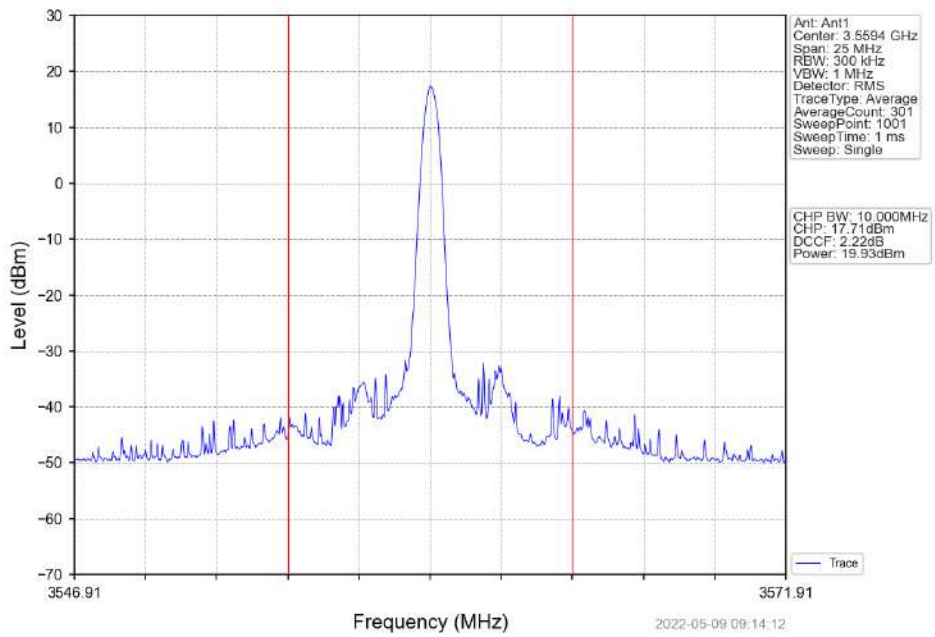
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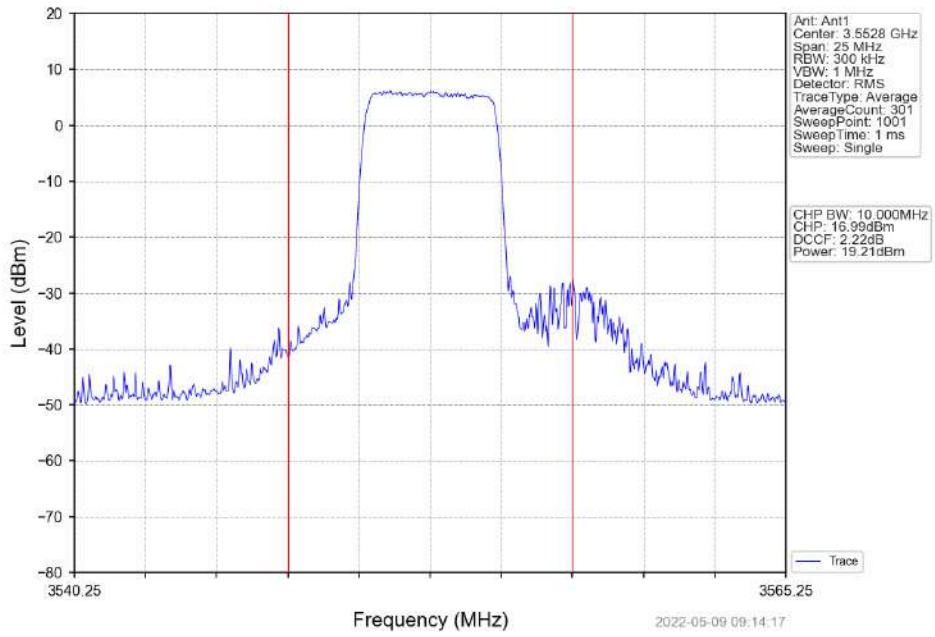
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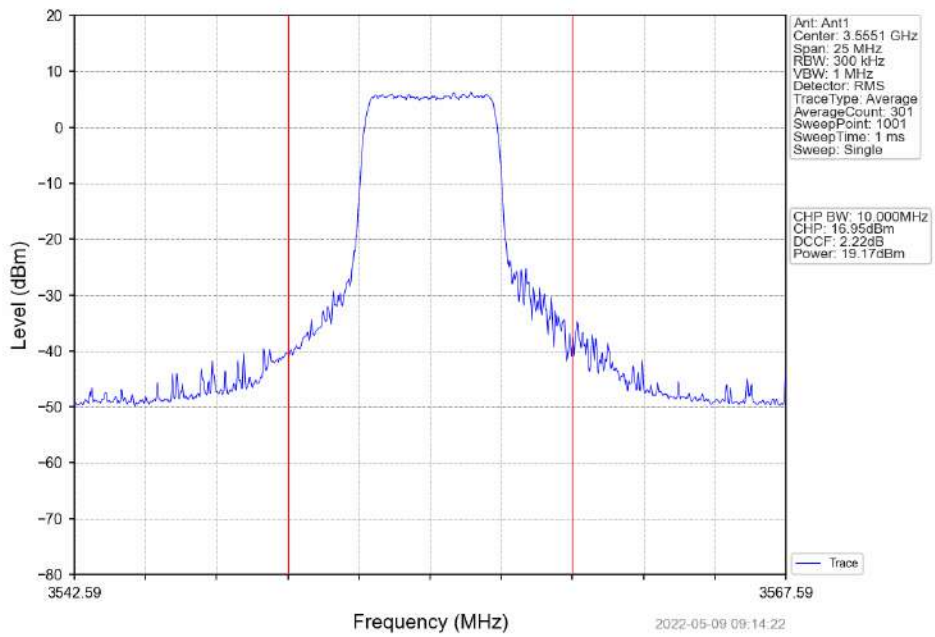
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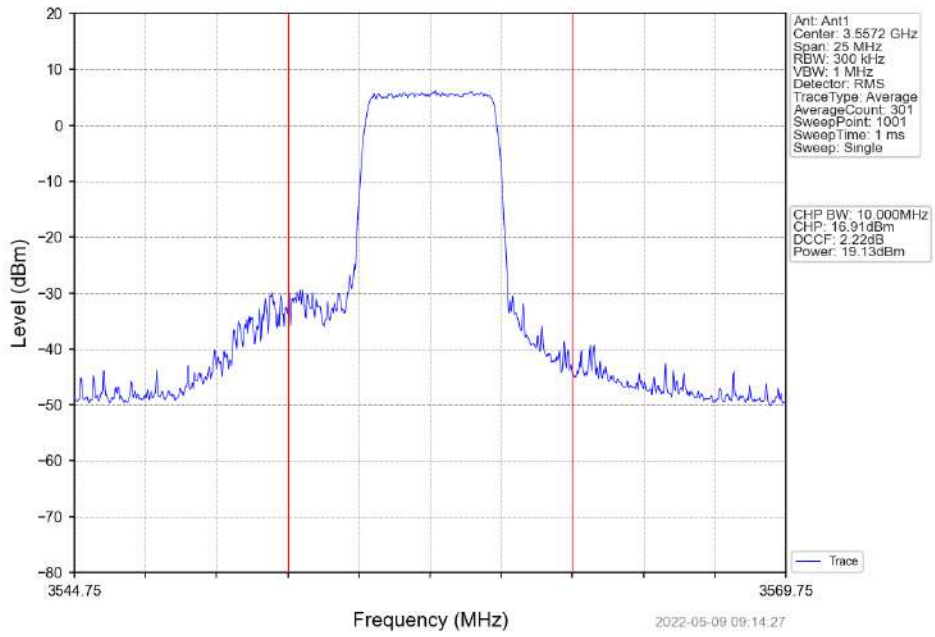
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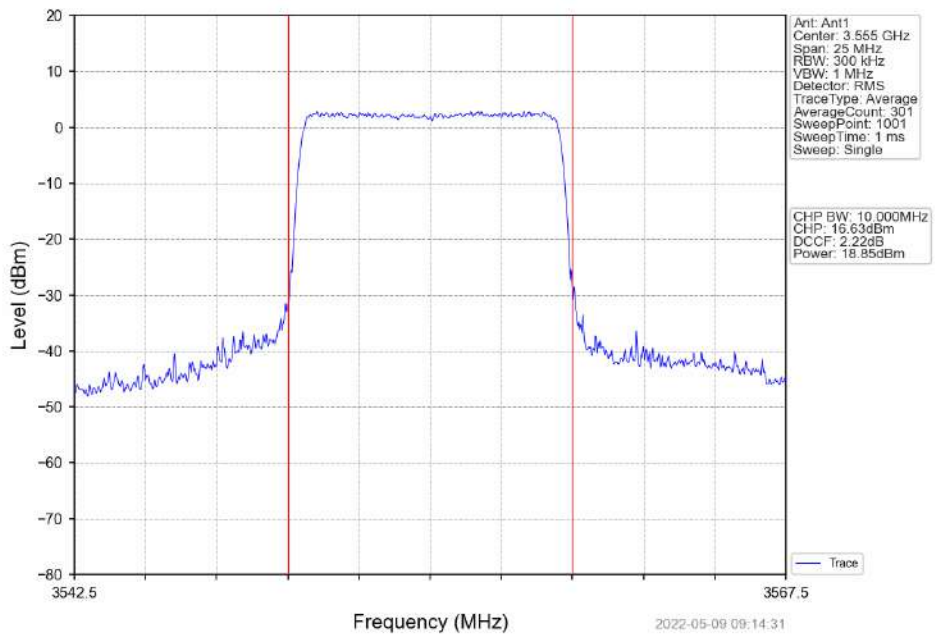
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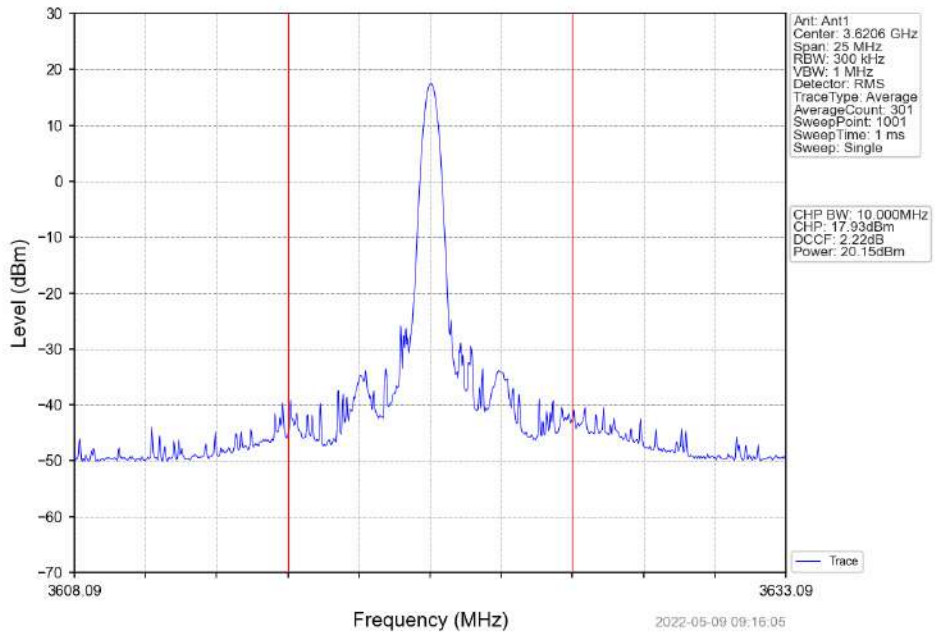
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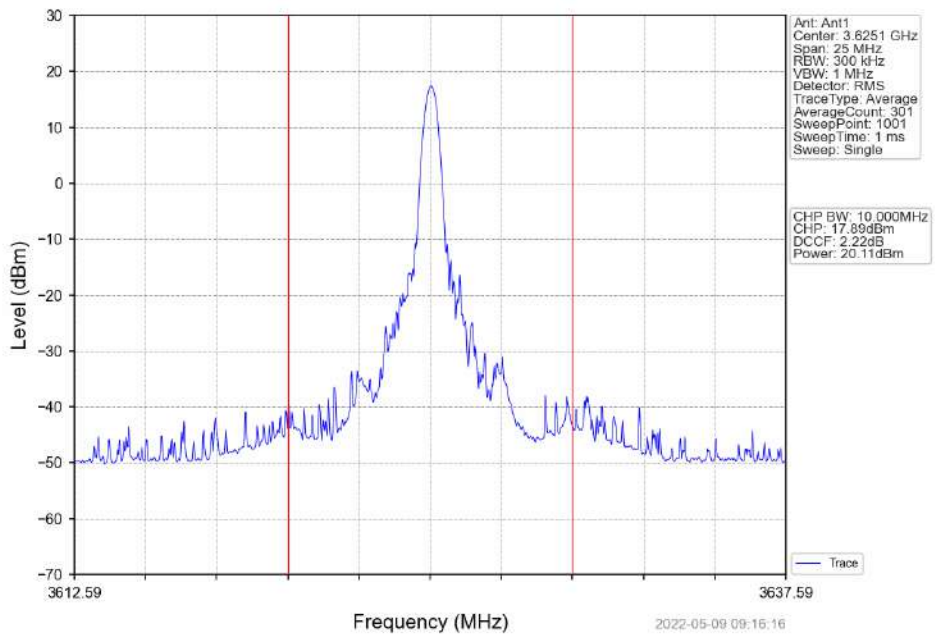
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Band48\_10MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV

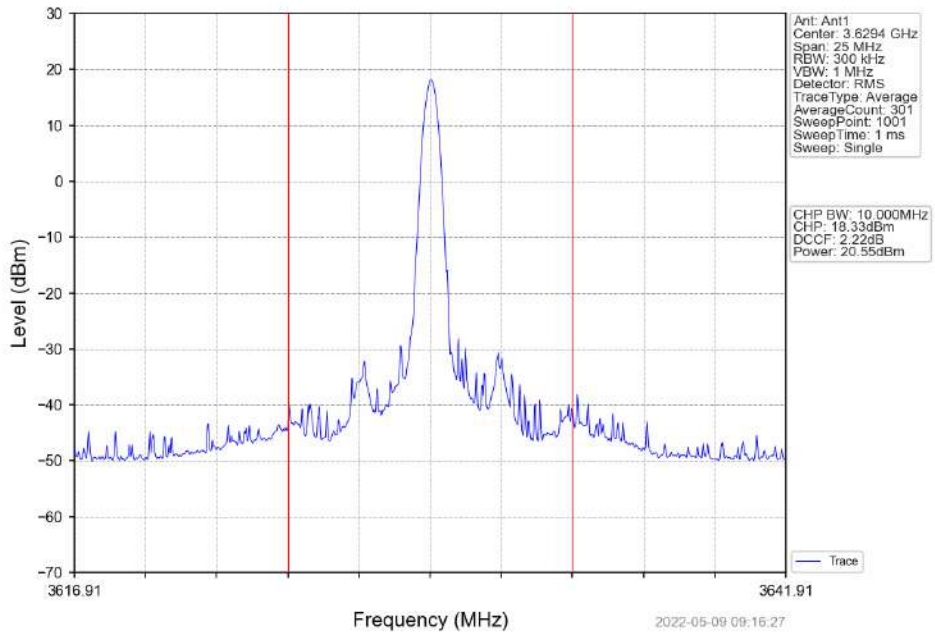


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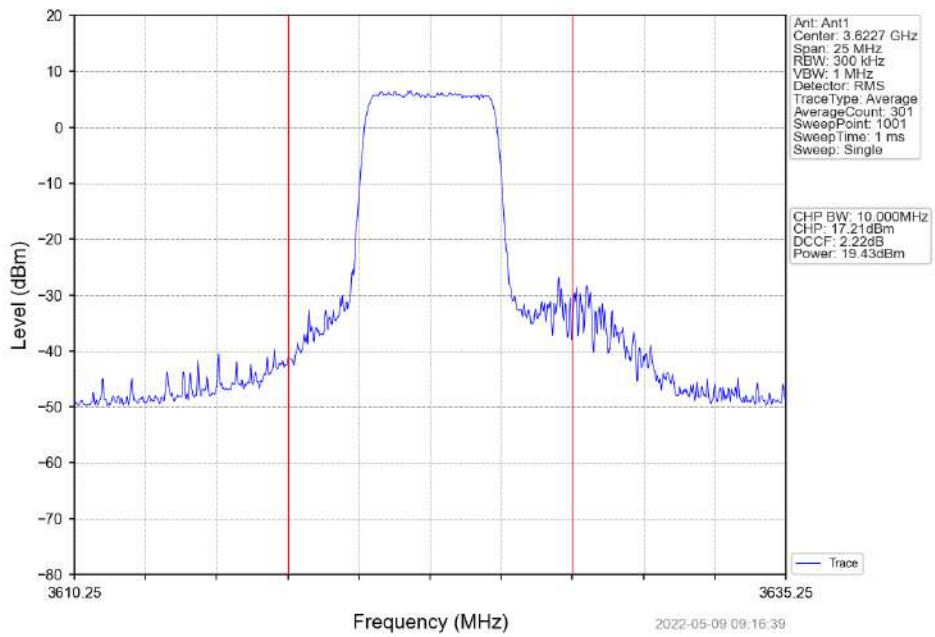




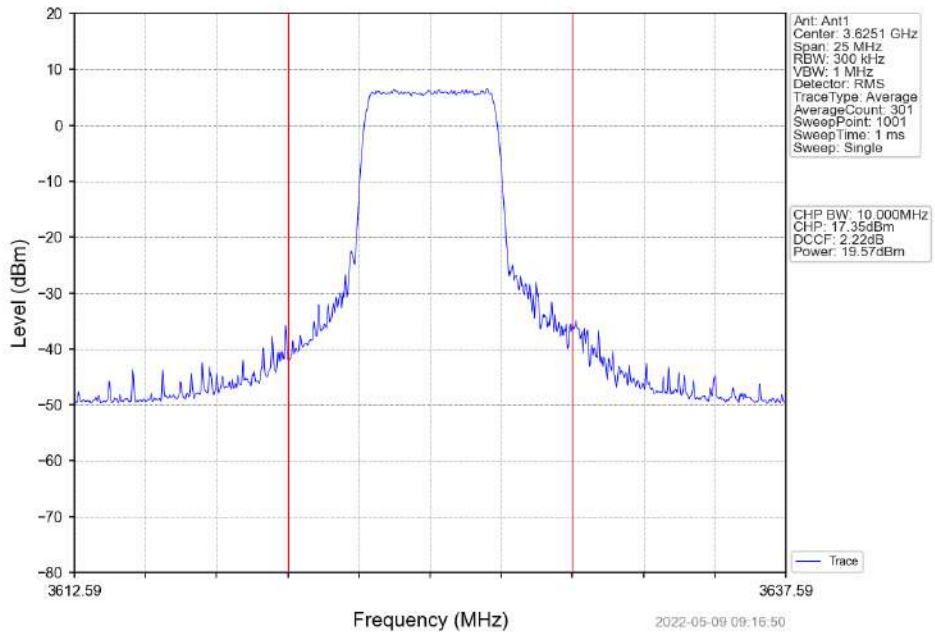
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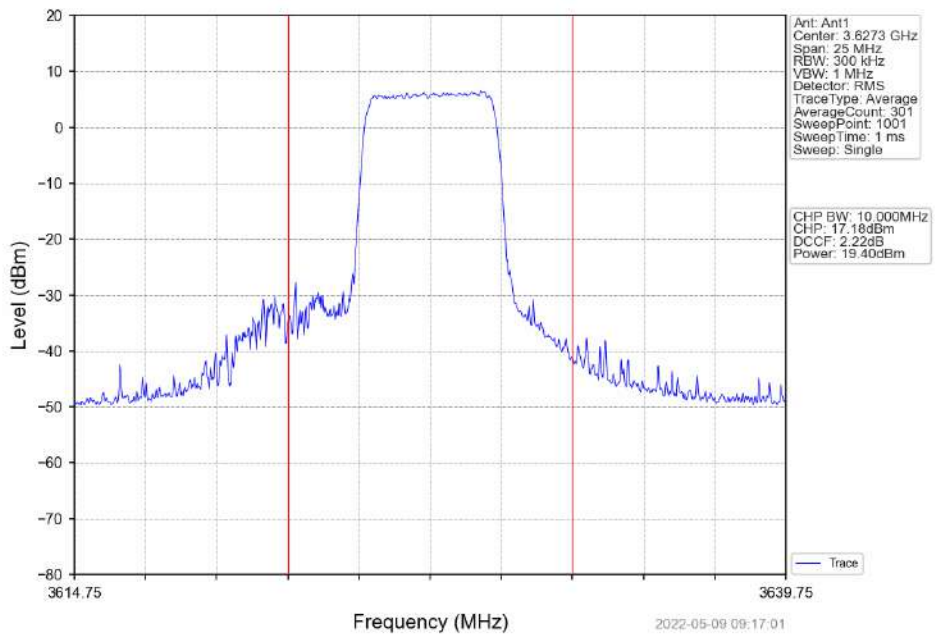
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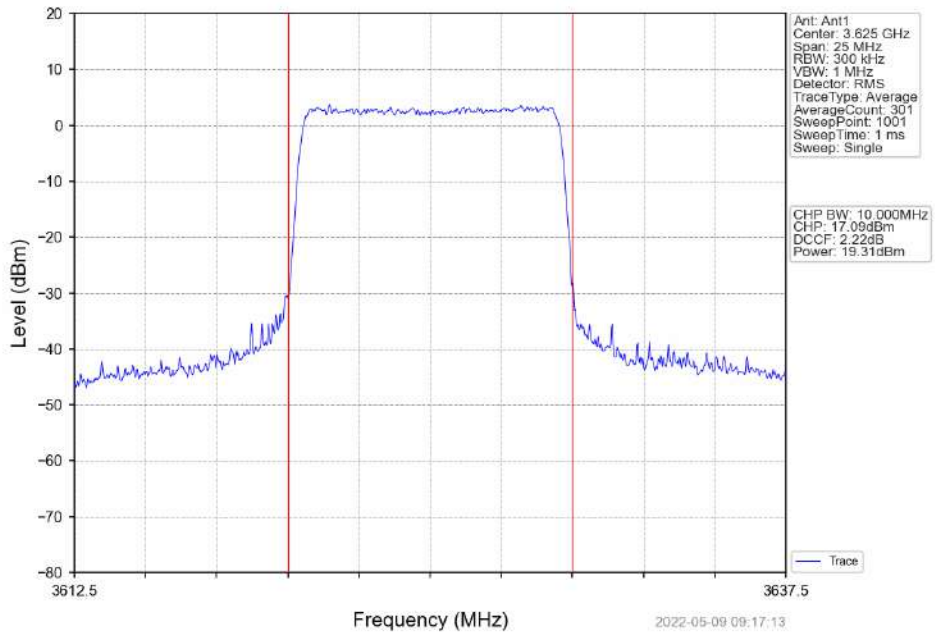
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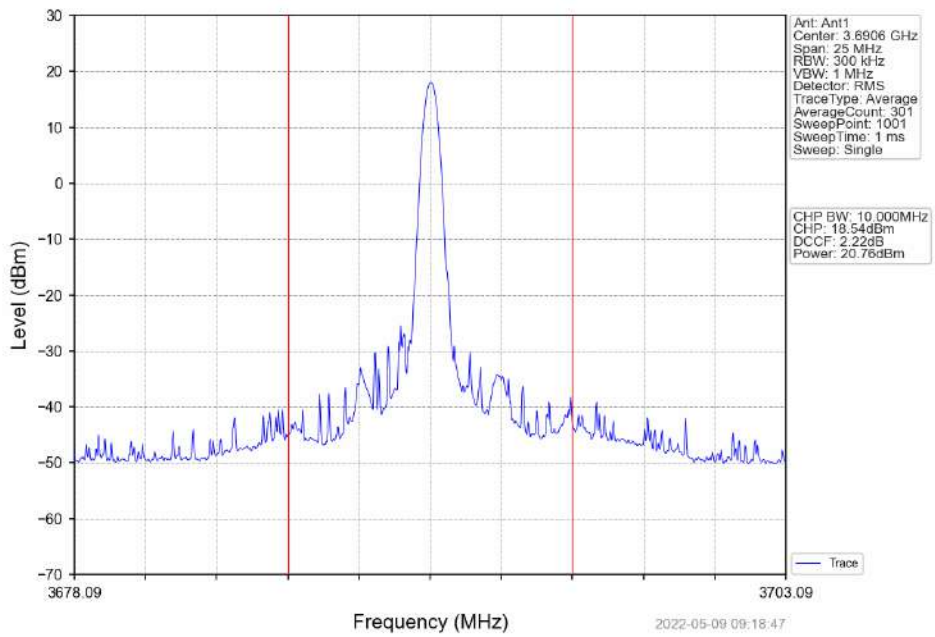
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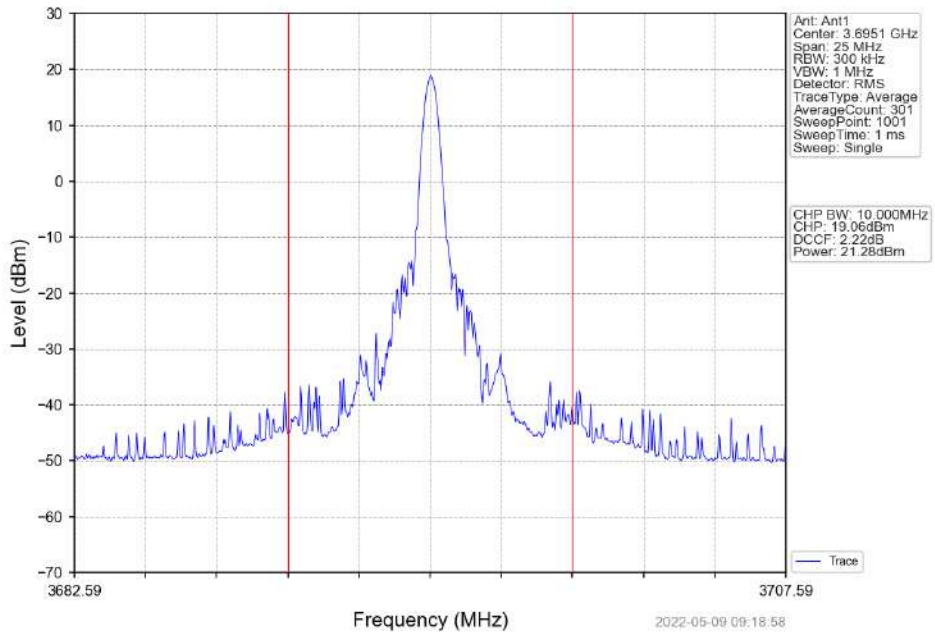
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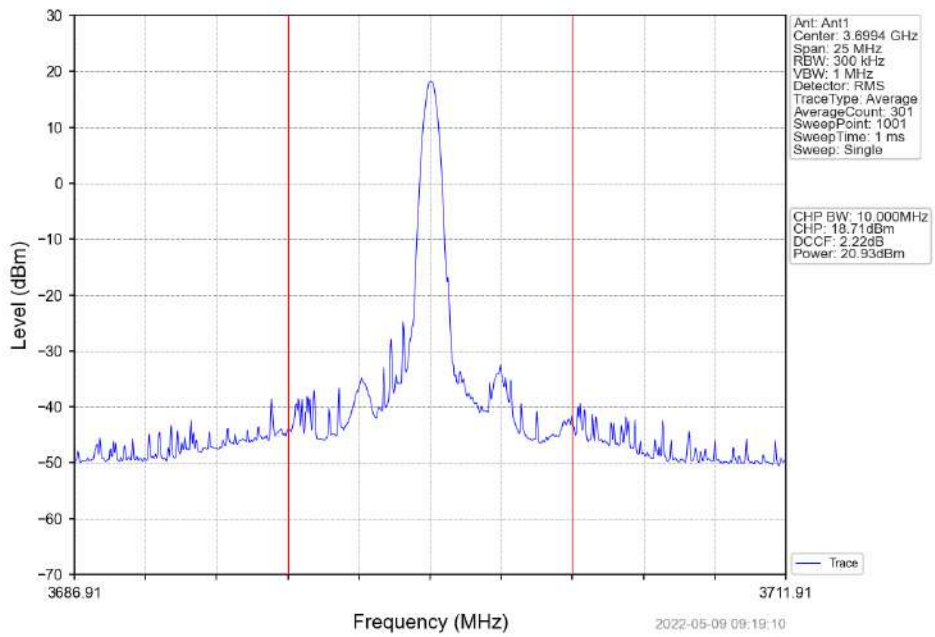
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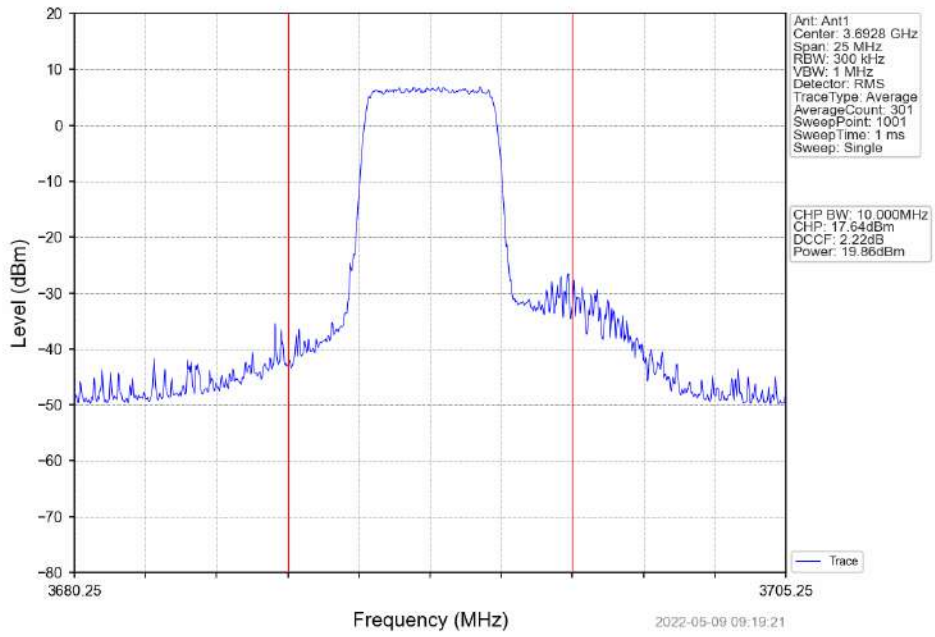
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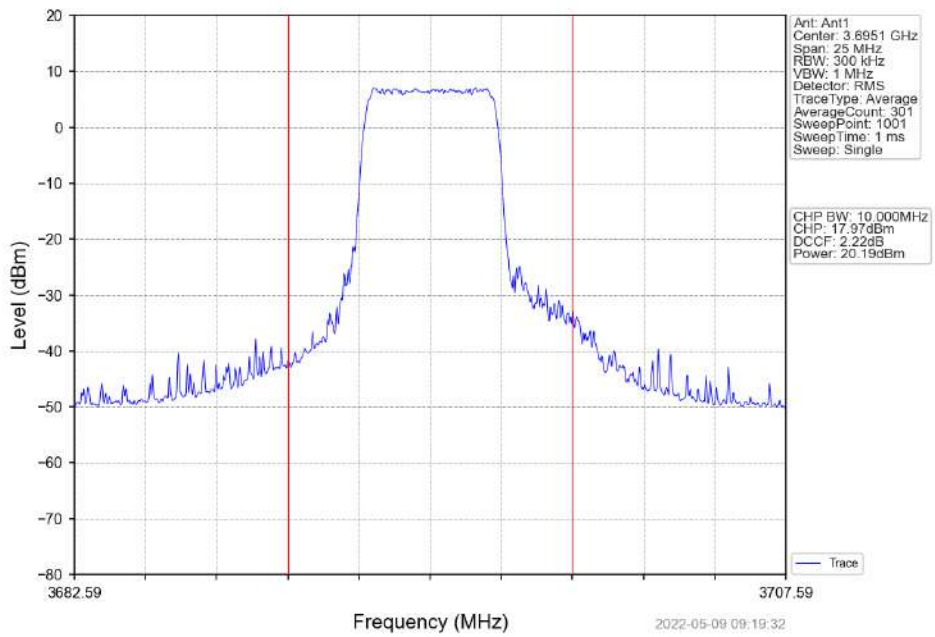
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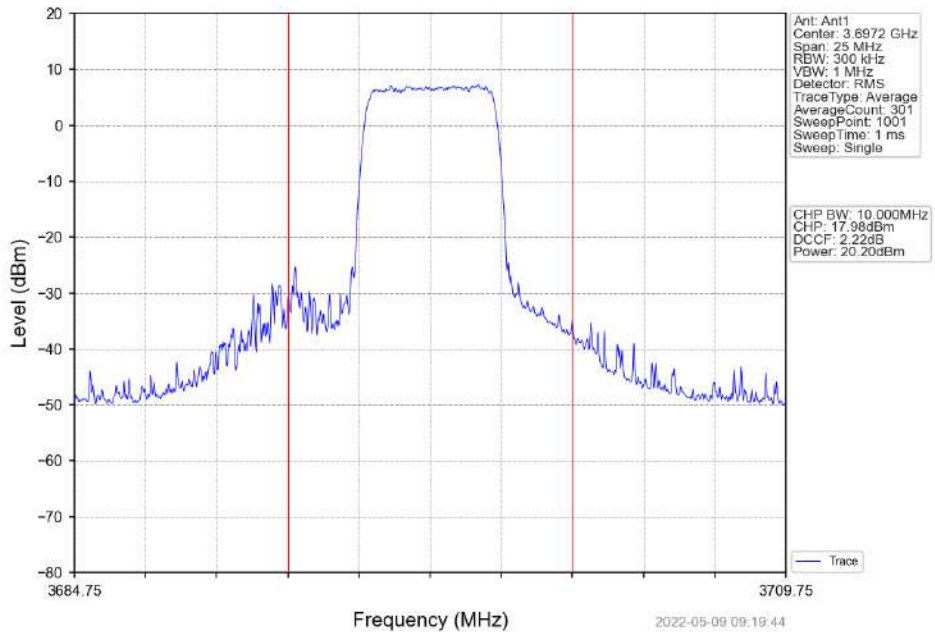
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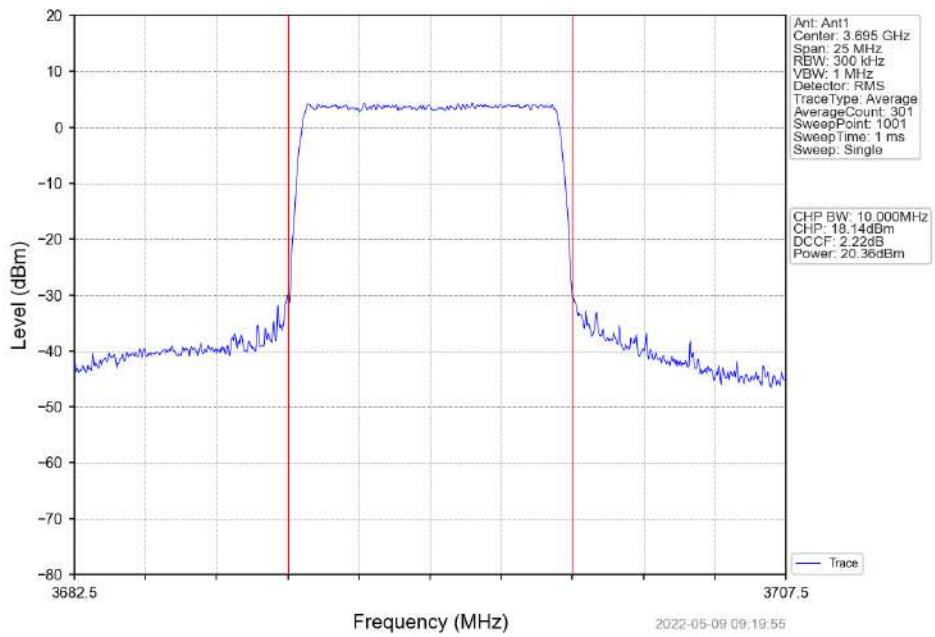
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Band48\_10MHz\_16QAM\_HCH\_3695MHz\_RB\_25\_25\_NTNV



Band48\_10MHz\_16QAM\_HCH\_3695MHz\_RB\_50\_0\_NTNV



## 1.3 B48\_15MHz\_EIRP

### 1.3.1 Test Result

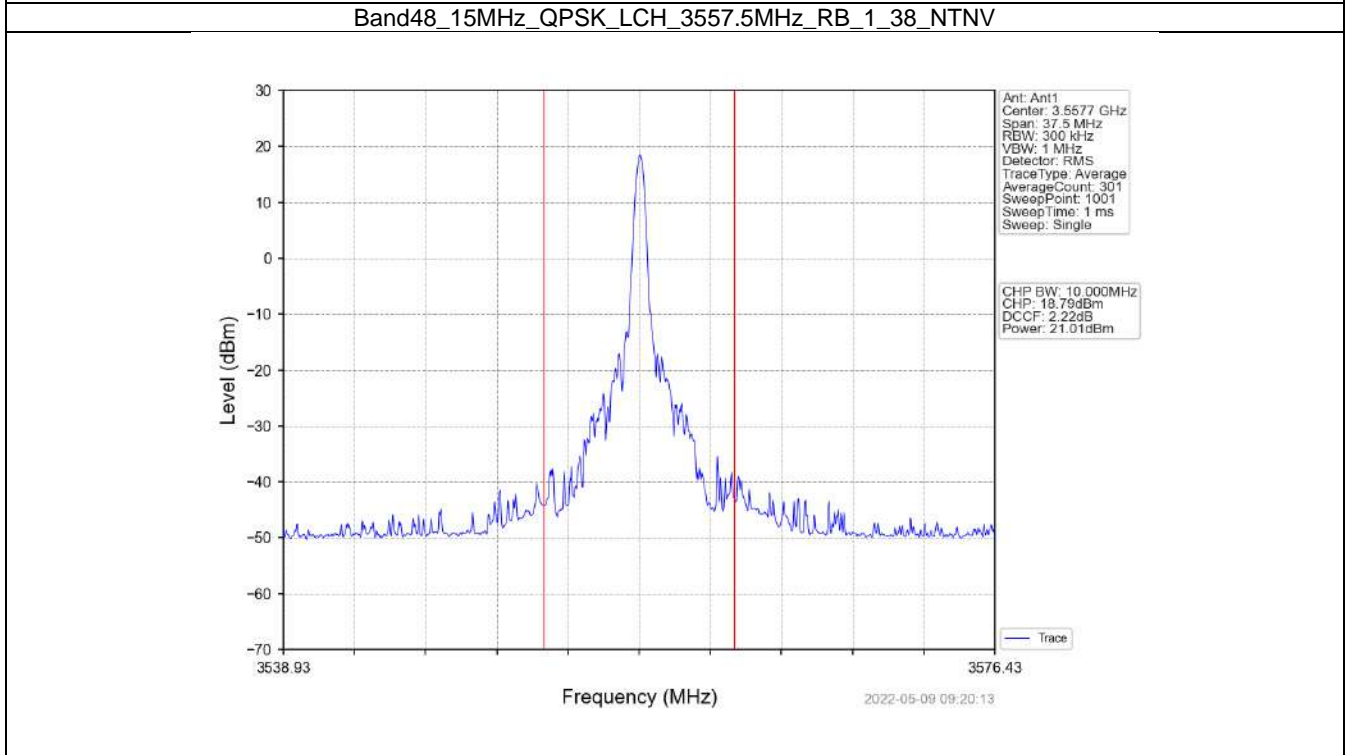
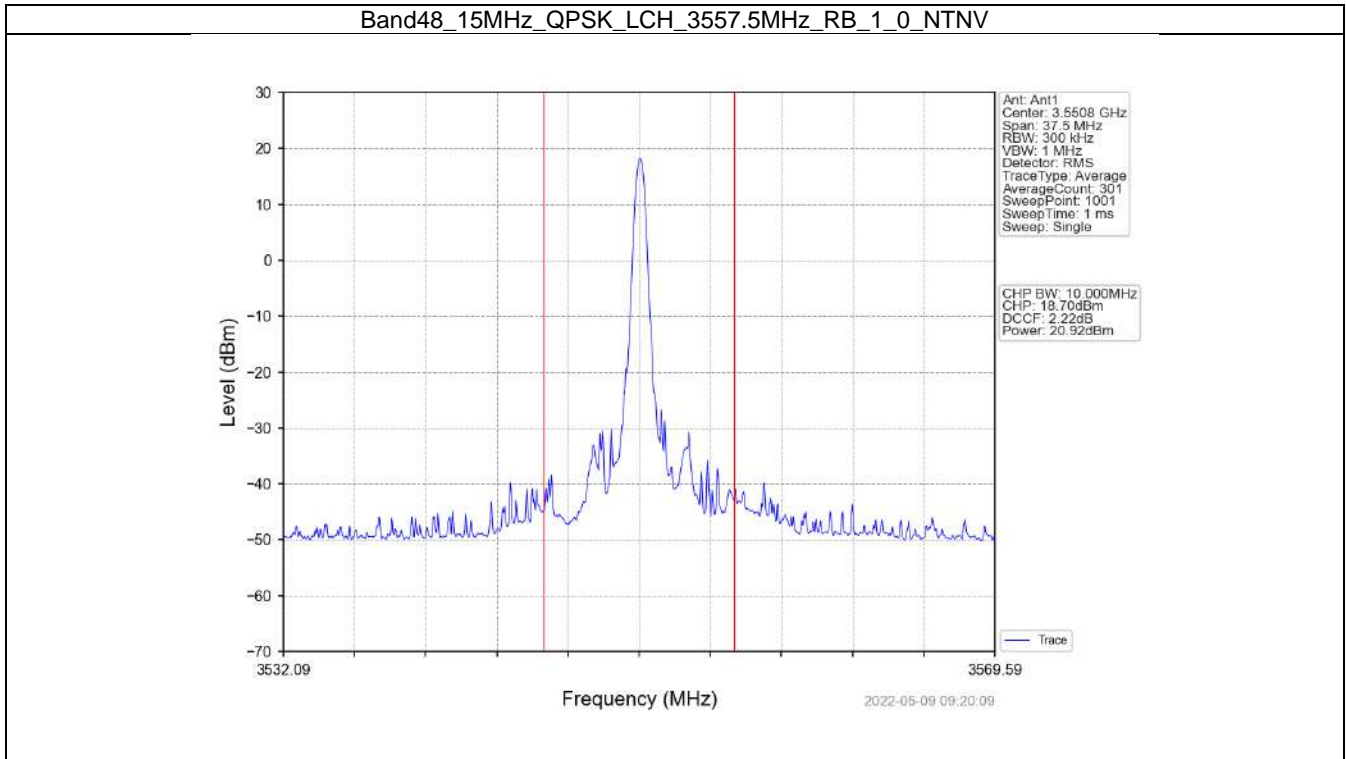
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report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked	report_checked
report_checked	report_checked	Size	Offset	report_checked	report_checked	Result	Limit	report_checked
report_checked	report_checked	report_checked	0	20.92	-0.13	20.79	<=23	Pass
report_checked	report_checked	report_checked	38	21.01	-0.13	20.88	<=23	Pass
report_checked	report_checked	report_checked	74	21.05	-0.13	20.92	<=23	Pass
report_checked	report_checked	report_checked	0	19.83	-0.13	19.70	<=23	Pass
report_checked	report_checked	report_checked	18	19.93	-0.13	19.80	<=23	Pass
report_checked	report_checked	report_checked	39	19.97	-0.13	19.84	<=23	Pass
report_checked	report_checked	75	0	18.31	-0.13	18.18	<=23	Pass
report_checked	report_checked	report_checked		21.26	-0.13	21.13	<=23	Pass
report_checked	report_checked	report_checked	38	21.31	-0.13	21.18	<=23	Pass
report_checked	report_checked	report_checked	74	20.64	-0.13	20.51	<=23	Pass
report_checked	report_checked	report_checked	0	19.99	-0.13	19.86	<=23	Pass
report_checked	report_checked	report_checked	18	20.26	-0.13	20.13	<=23	Pass
report_checked	report_checked	report_checked	39	20.00	-0.13	19.87	<=23	Pass
report_checked	report_checked	75	0	18.73	-0.13	18.60	<=23	Pass
report_checked	report_checked	report_checked		21.51	-0.13	21.38	<=23	Pass
report_checked	report_checked	report_checked	38	21.94	-0.13	21.81	<=23	Pass
report_checked	report_checked	report_checked	74	21.78	-0.13	21.65	<=23	Pass
report_checked	report_checked	report_checked	0	20.82	-0.13	20.69	<=23	Pass
report_checked	report_checked	report_checked	18	20.95	-0.13	20.82	<=23	Pass
report_checked	report_checked	report_checked	39	21.05	-0.13	20.92	<=23	Pass
report_checked	report_checked	75	0	19.99	-0.13	19.86	<=23	Pass
report_checked	report_checked	report_checked		19.91	-0.13	19.78	<=23	Pass
report_checked	report_checked	report_checked	38	20.00	-0.13	19.87	<=23	Pass
report_checked	report_checked	report_checked	74	19.91	-0.13	19.78	<=23	Pass

ed	ed	ed						
report_checked	report_checked	report_checked	0	18.82	-0.13	18.69	<=23	Pass
report_checked	report_checked	report_checked	18	18.86	-0.13	18.73	<=23	Pass
report_checked	report_checked	report_checked	39	18.96	-0.13	18.83	<=23	Pass
report_checked	report_checked	75	0	17.72	-0.13	17.59	<=23	Pass
report_checked	report_checked	report_checked		19.72	-0.13	19.59	<=23	Pass
report_checked	report_checked	report_checked	38	19.97	-0.13	19.84	<=23	Pass
report_checked	report_checked	report_checked	74	20.12	-0.13	19.99	<=23	Pass
report_checked	report_checked	report_checked	0	16.93	-0.13	16.80	<=23	Pass
report_checked	report_checked	report_checked	18	19.34	-0.13	19.21	<=23	Pass
report_checked	report_checked	report_checked	39	19.29	-0.13	19.16	<=23	Pass
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report_checked	report_checked	report_checked	74	20.89	-0.13	20.76	<=23	Pass
report_checked	report_checked	report_checked	0	19.92	-0.13	19.79	<=23	Pass
report_checked	report_checked	report_checked	18	17.79	-0.13	17.66	<=23	Pass
report_checked	report_checked	report_checked	39	19.96	-0.13	19.83	<=23	Pass
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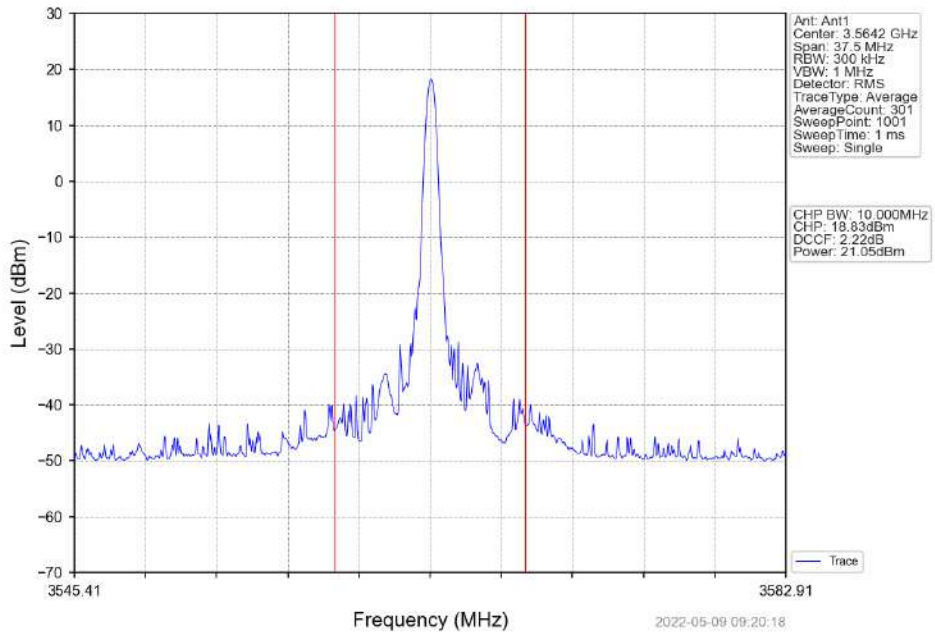
Note1: EIRP=Conducted Power+Antenna Gain



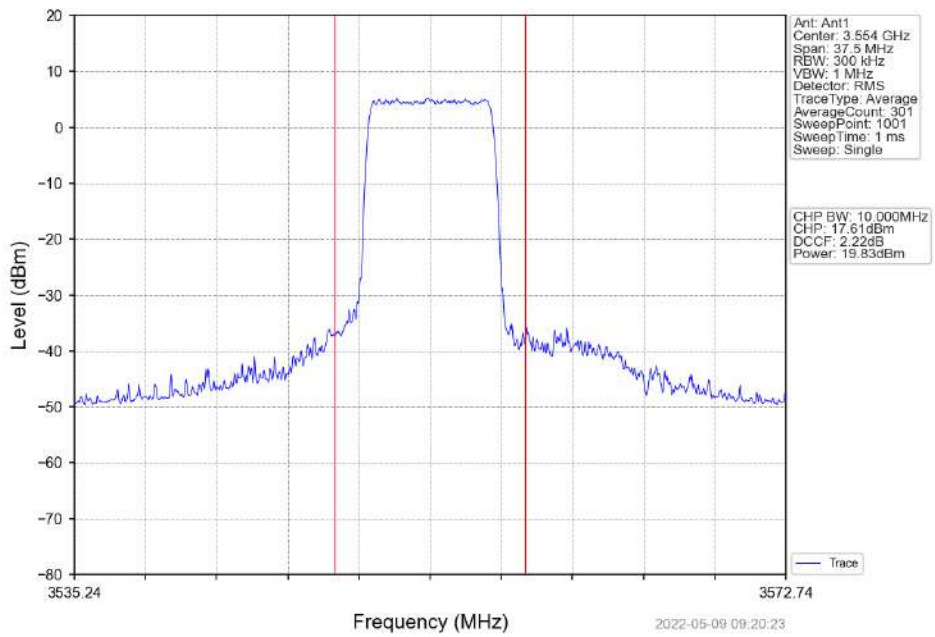
### 1.3.2 Test Graph



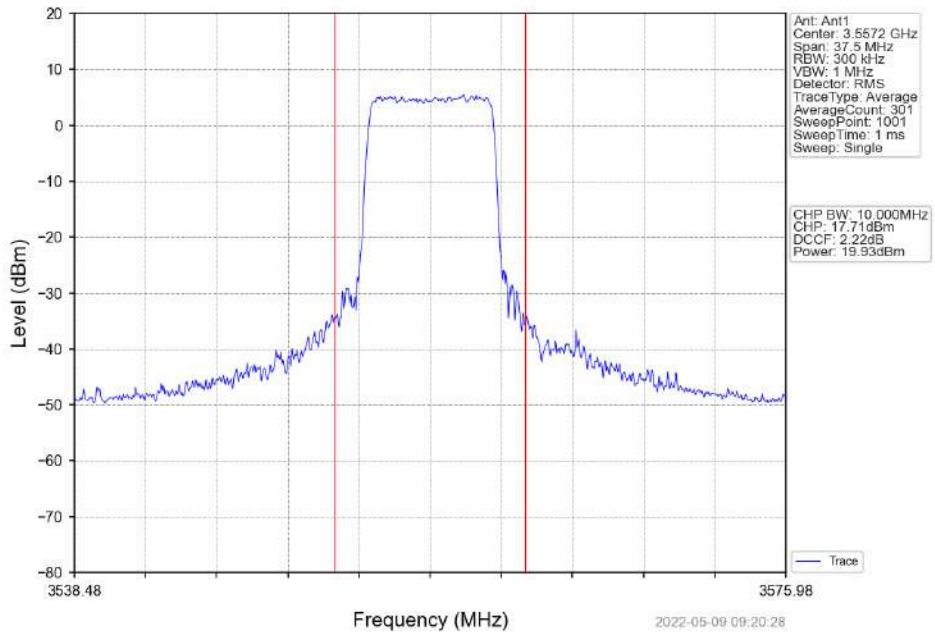
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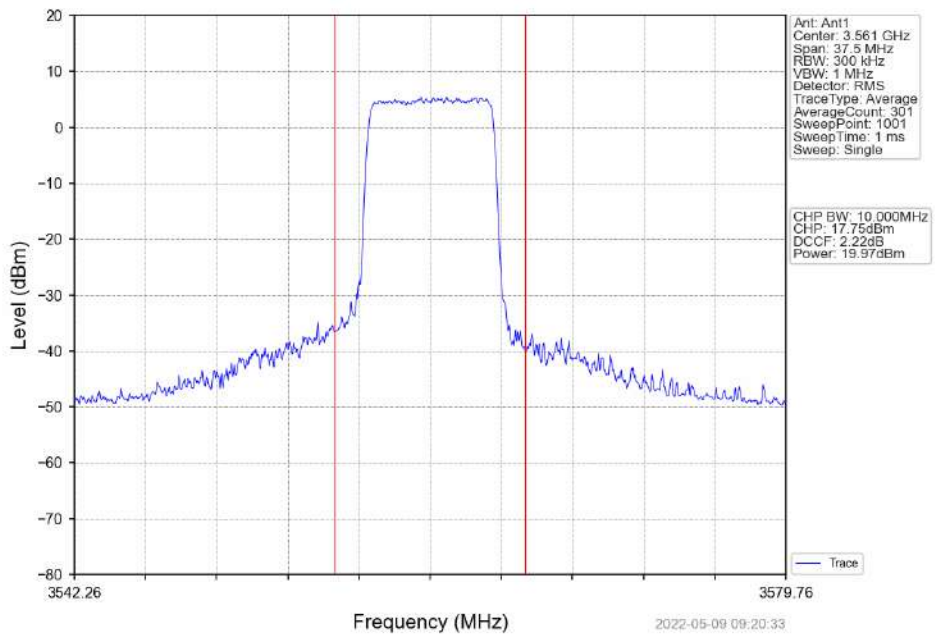
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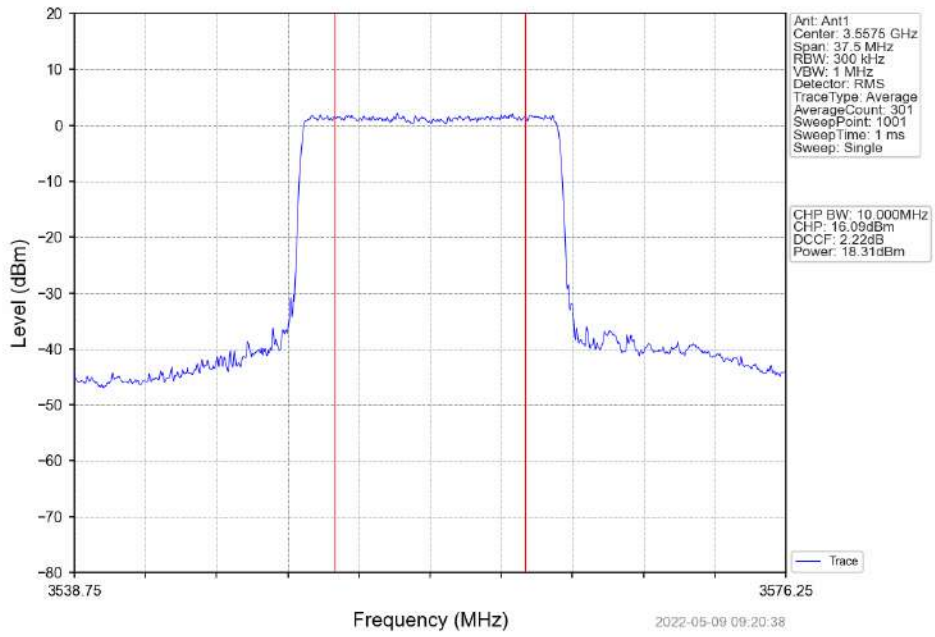
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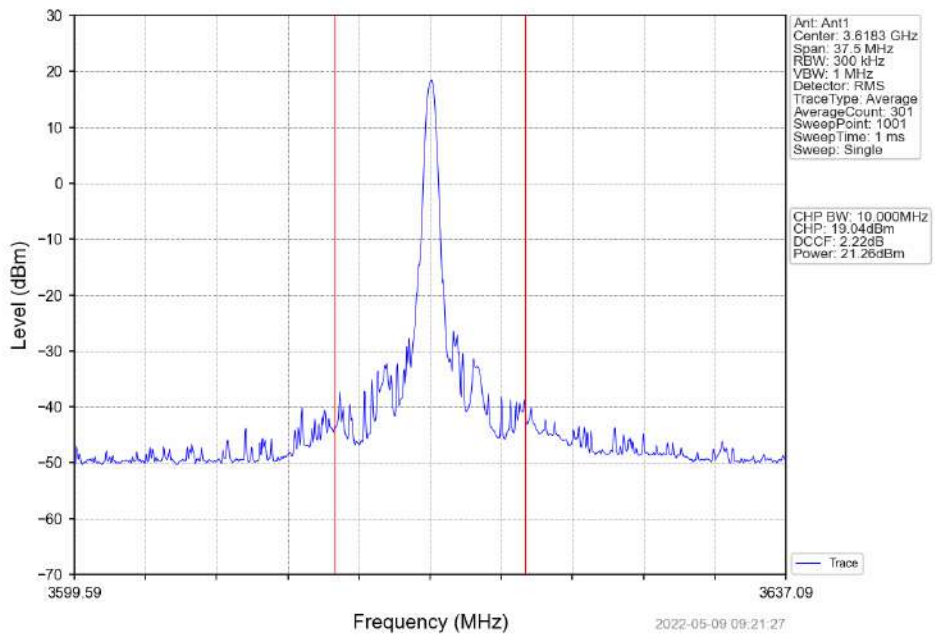
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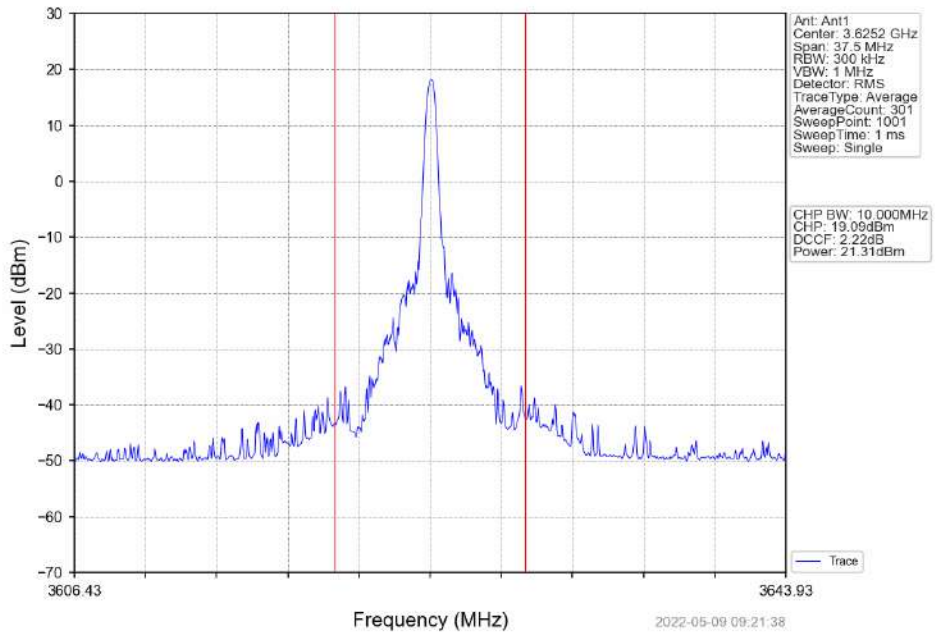
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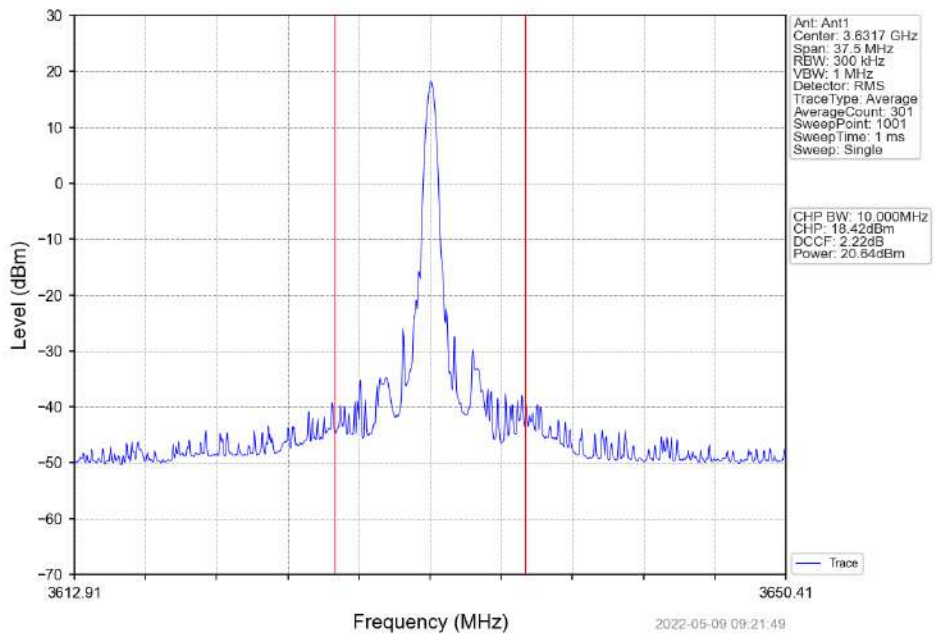
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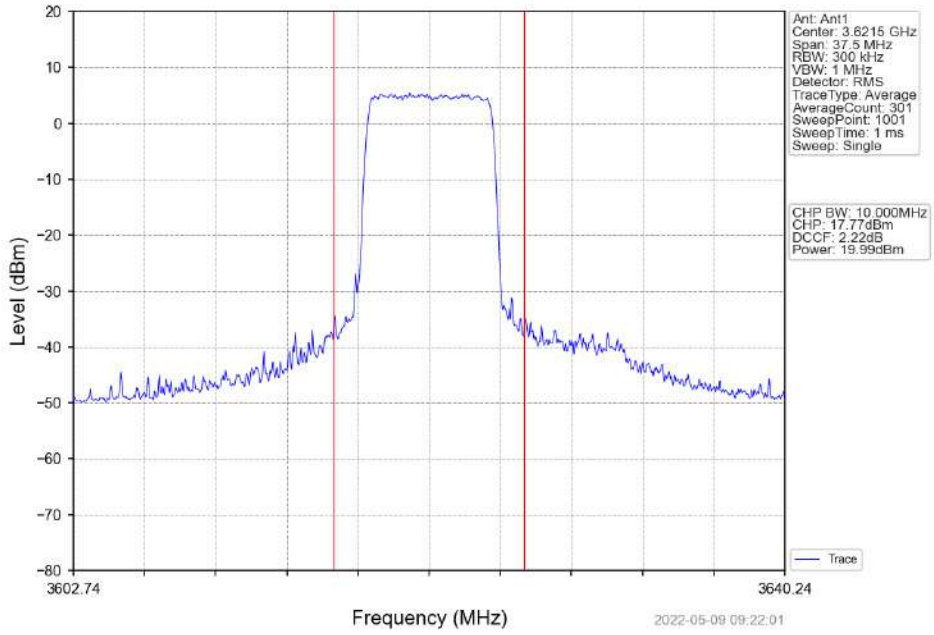
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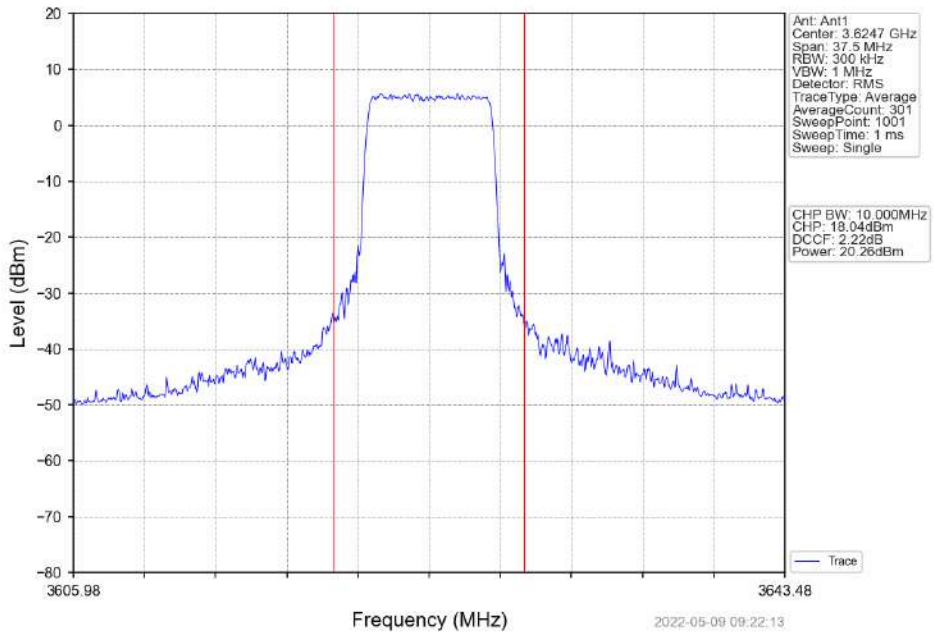
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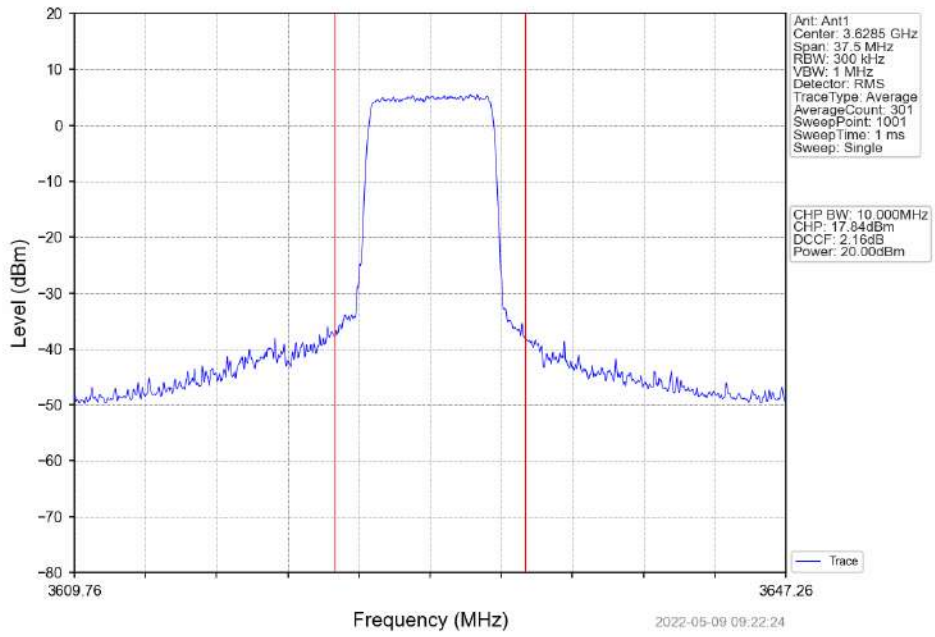
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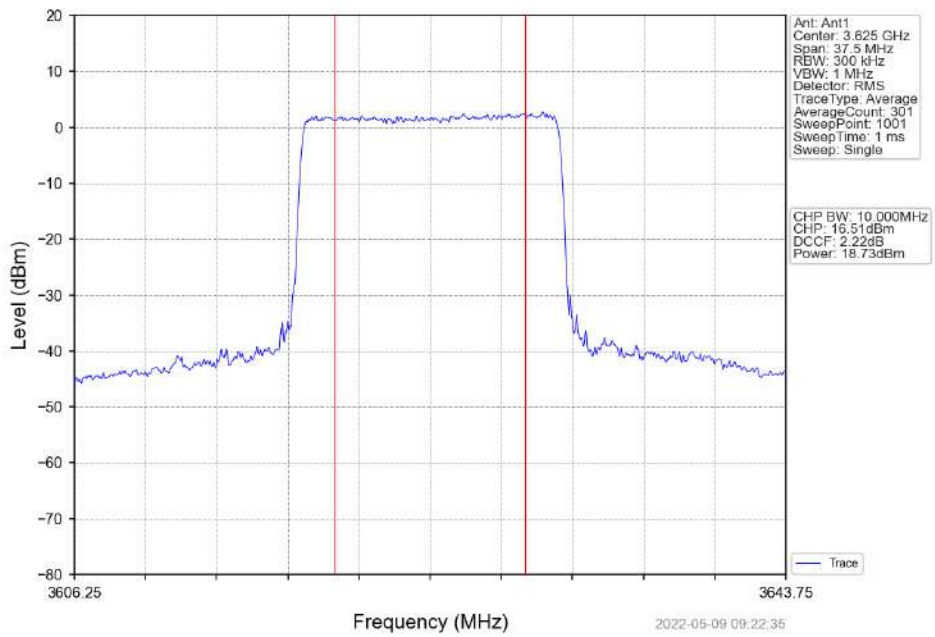
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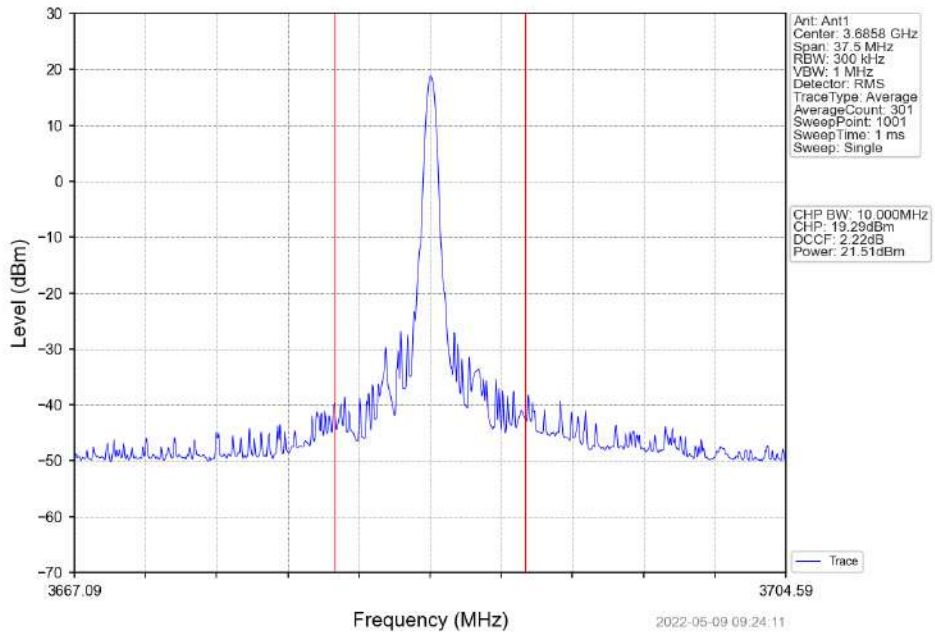
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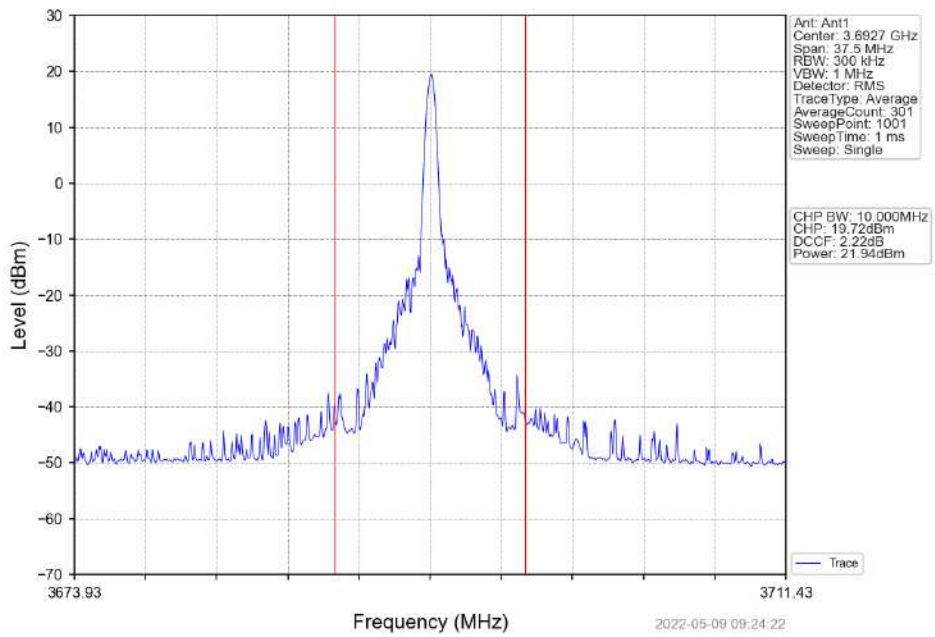
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Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_1\_0\_NTNV

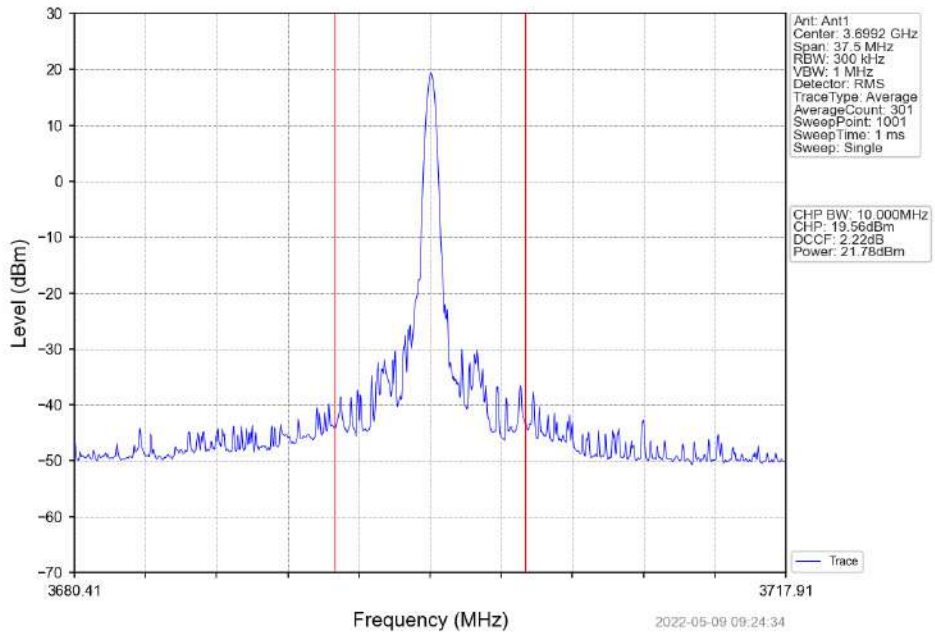


Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_1\_38\_NTNV

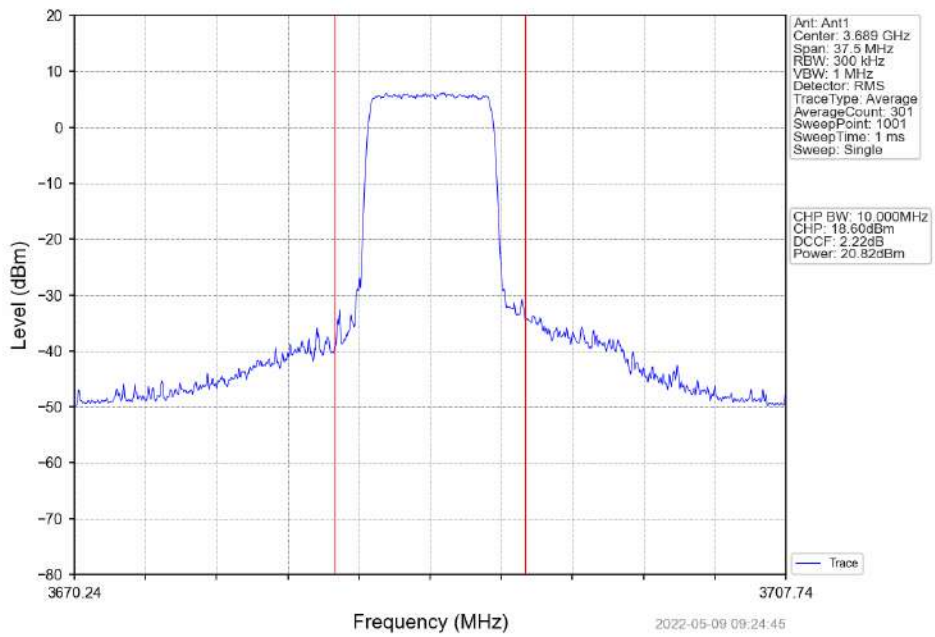




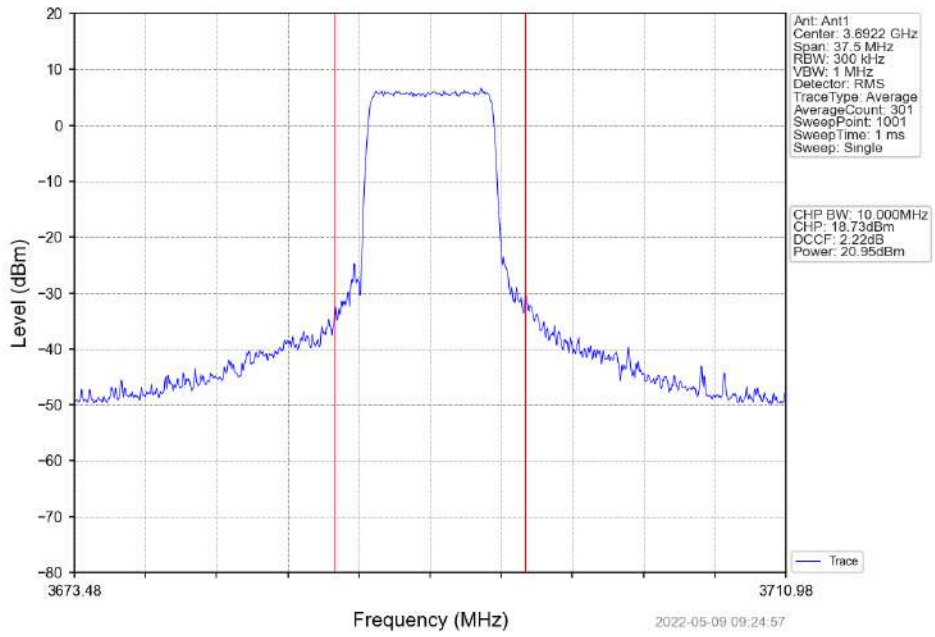
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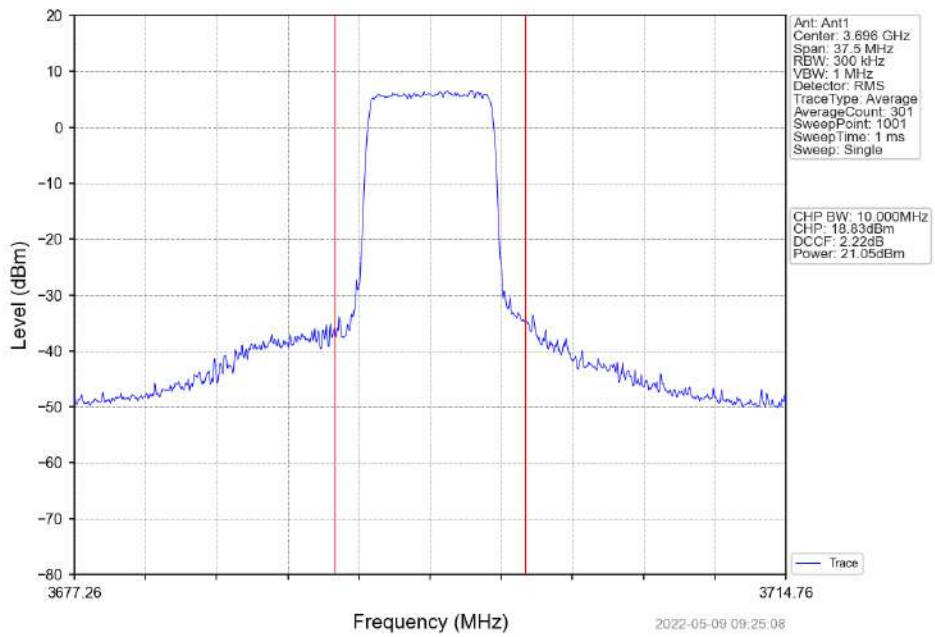
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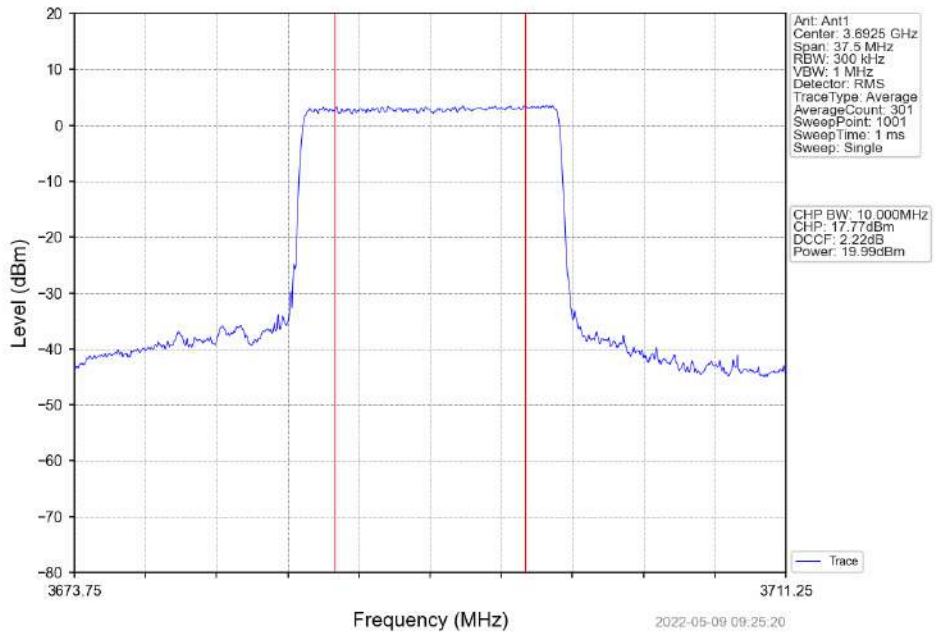
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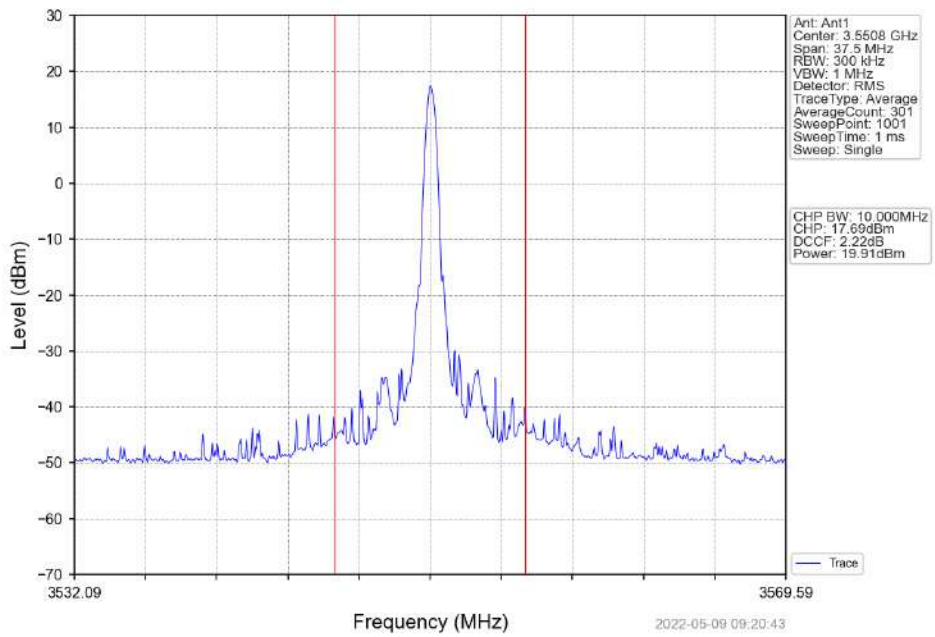
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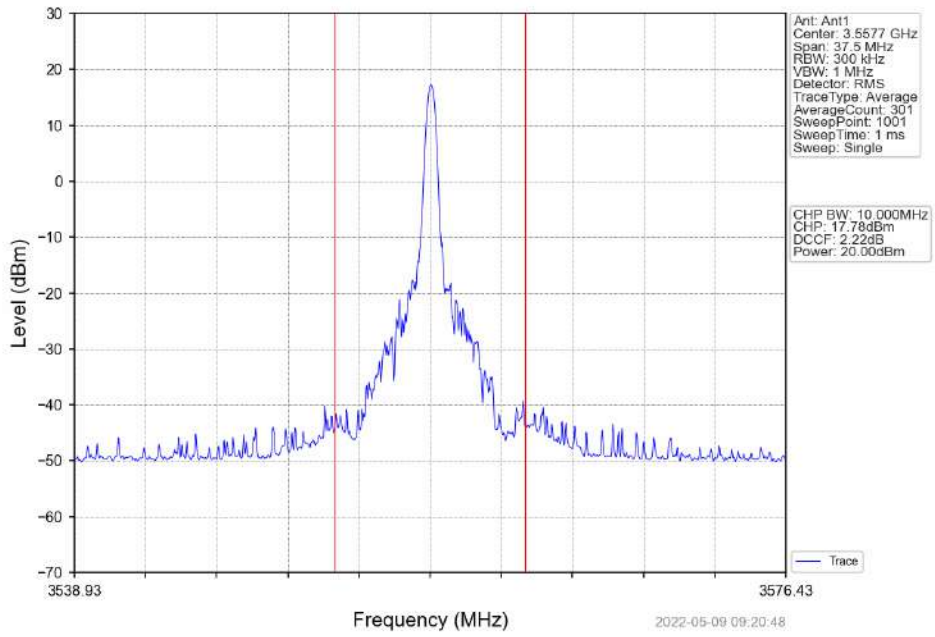
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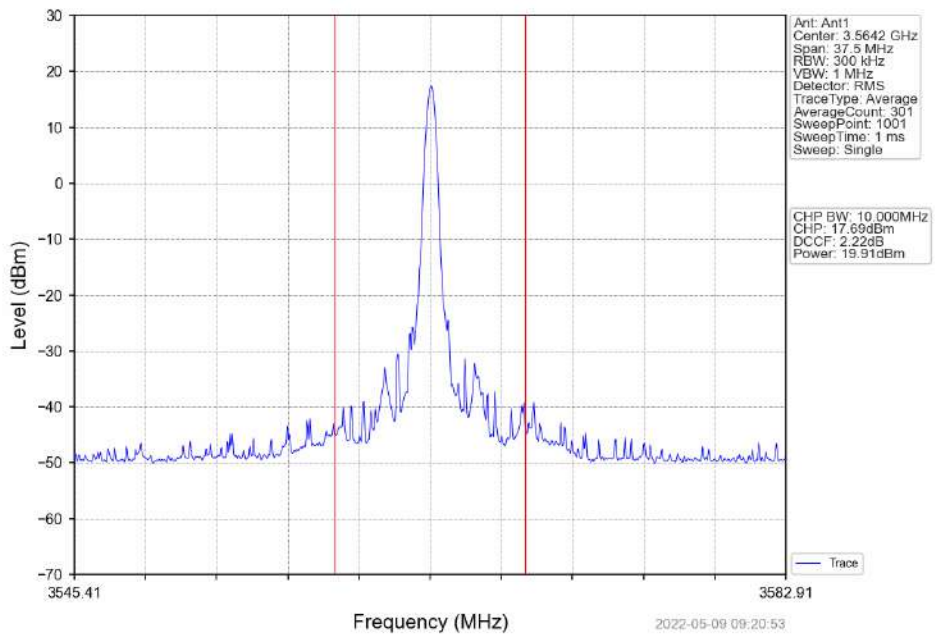
Band48\_15MHz\_16QAM\_LCH\_3557.5MHz\_RB\_1\_0\_NTNV



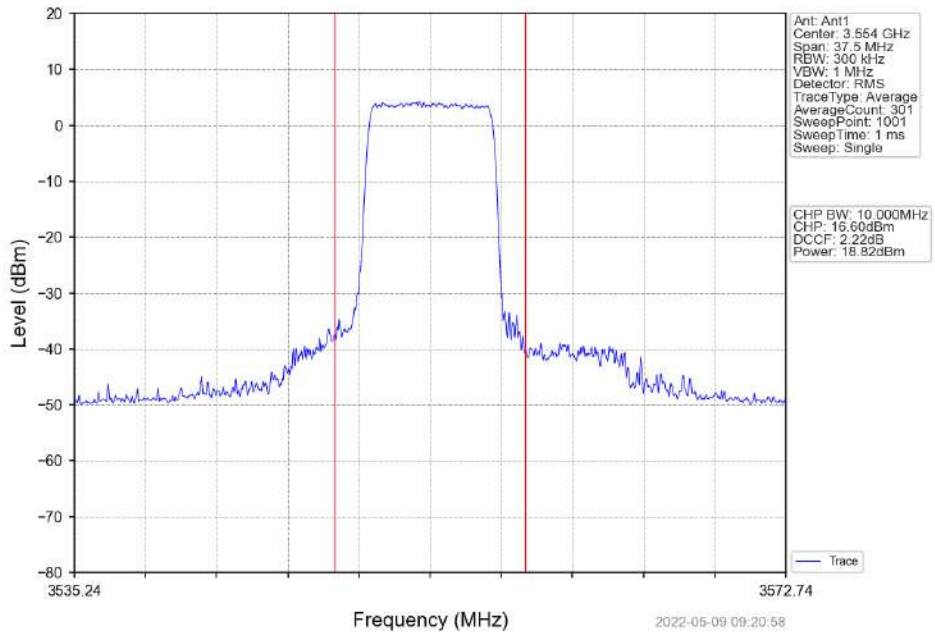
Band48\_15MHz\_16QAM\_LCH\_3557.5MHz\_RB\_1\_38\_NTNV



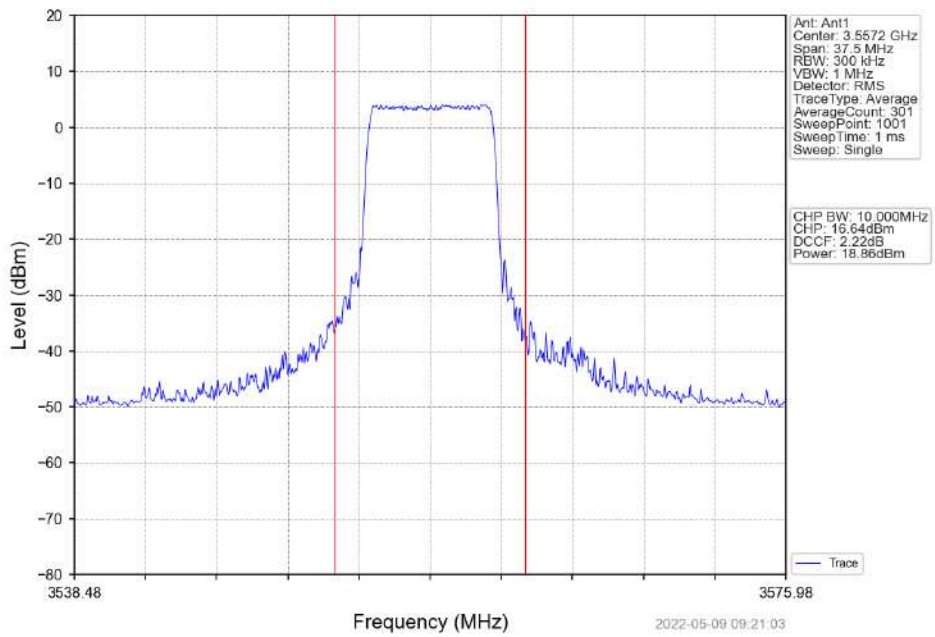
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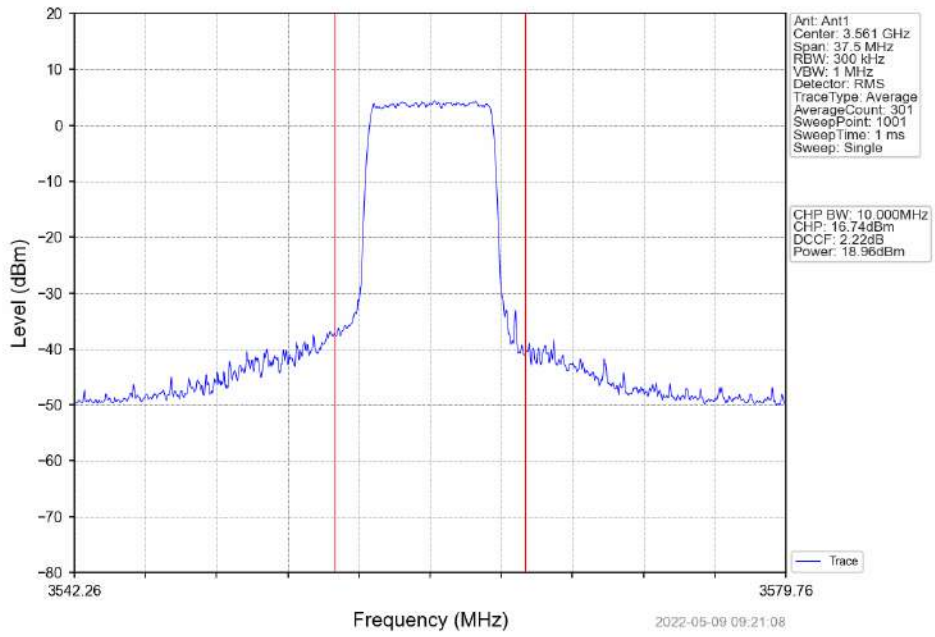
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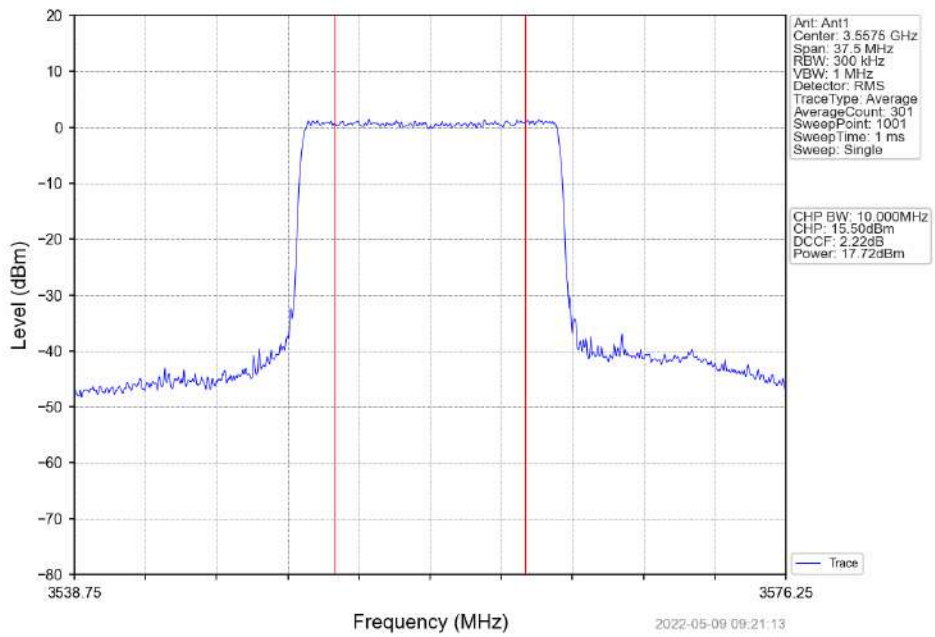
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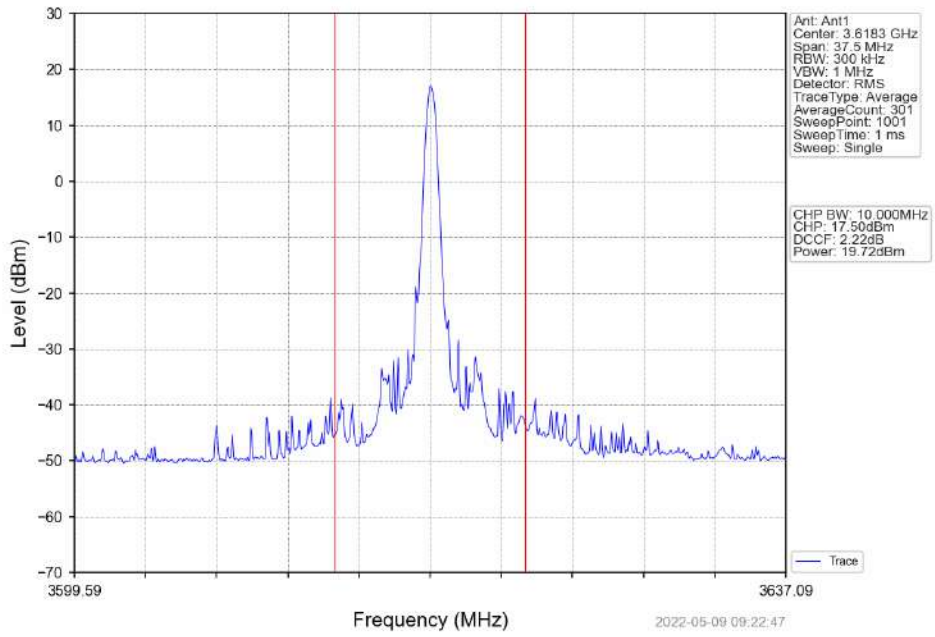
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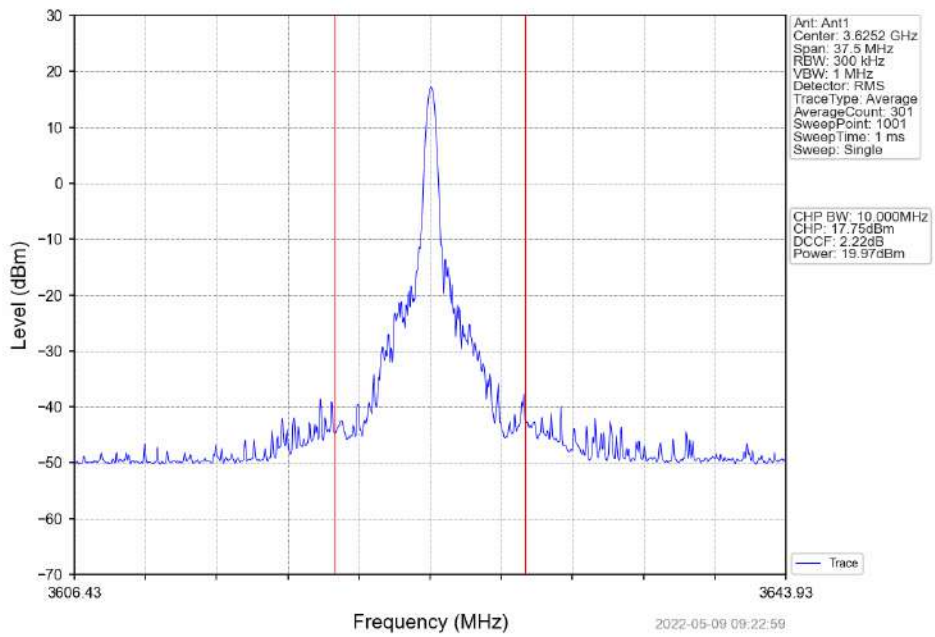
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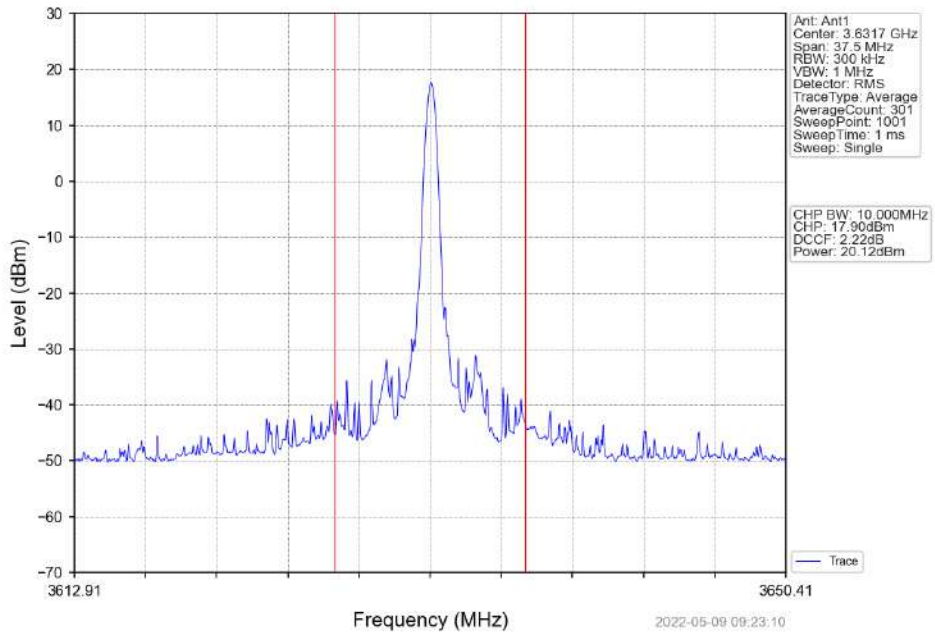
Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV



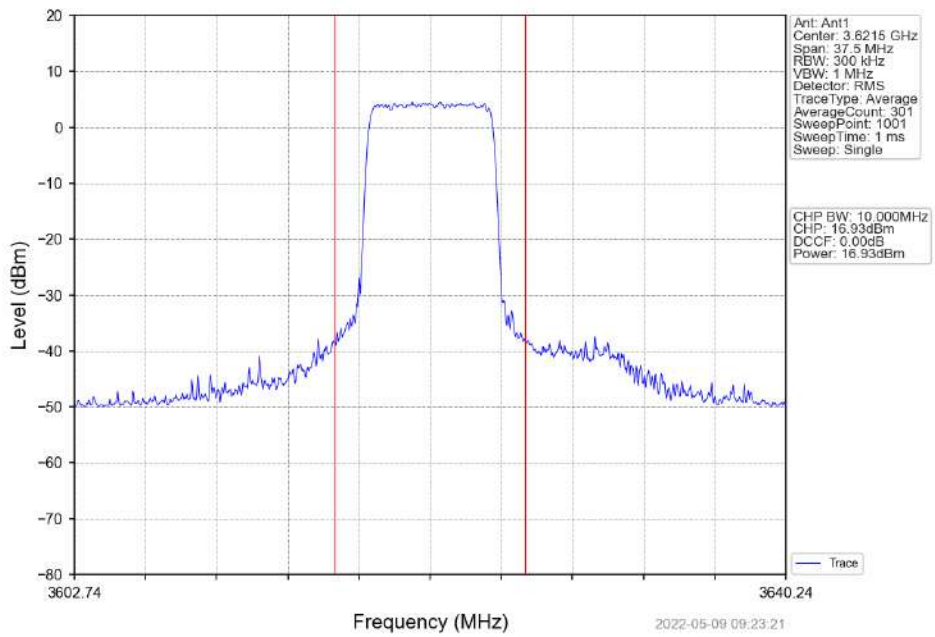
Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_38\_NTNV



Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_74\_NTNV

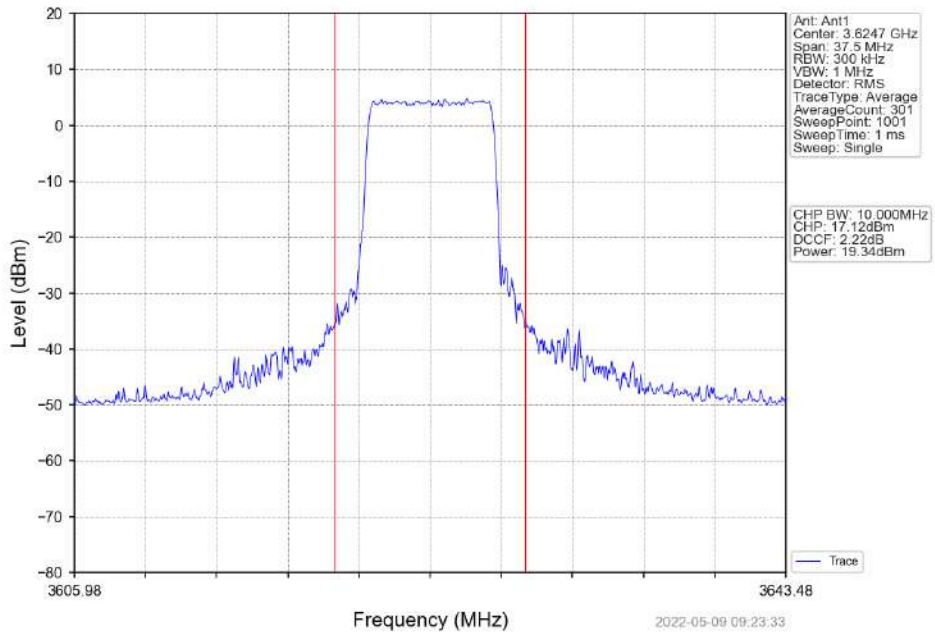


Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_36\_0\_NTNV

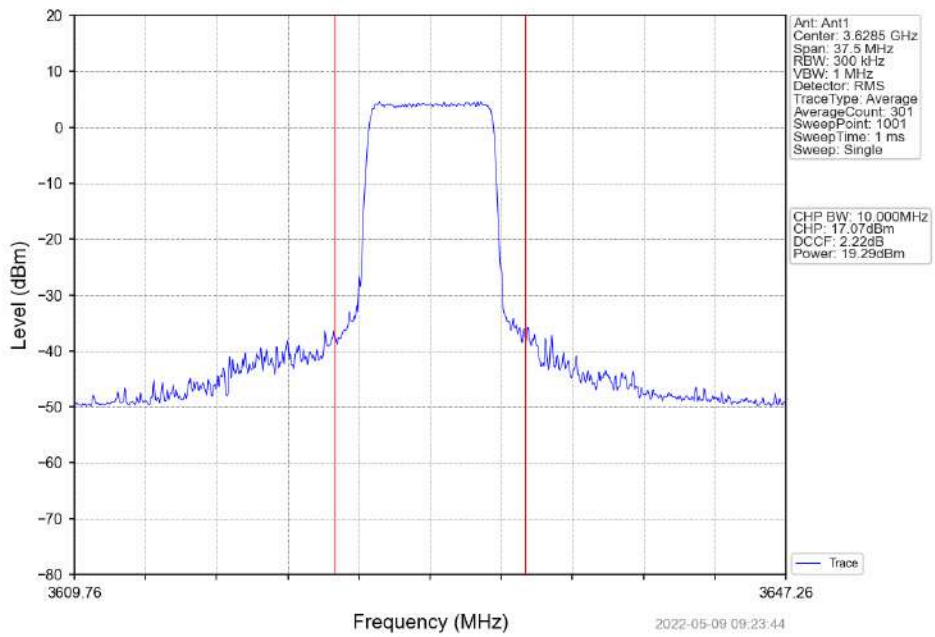




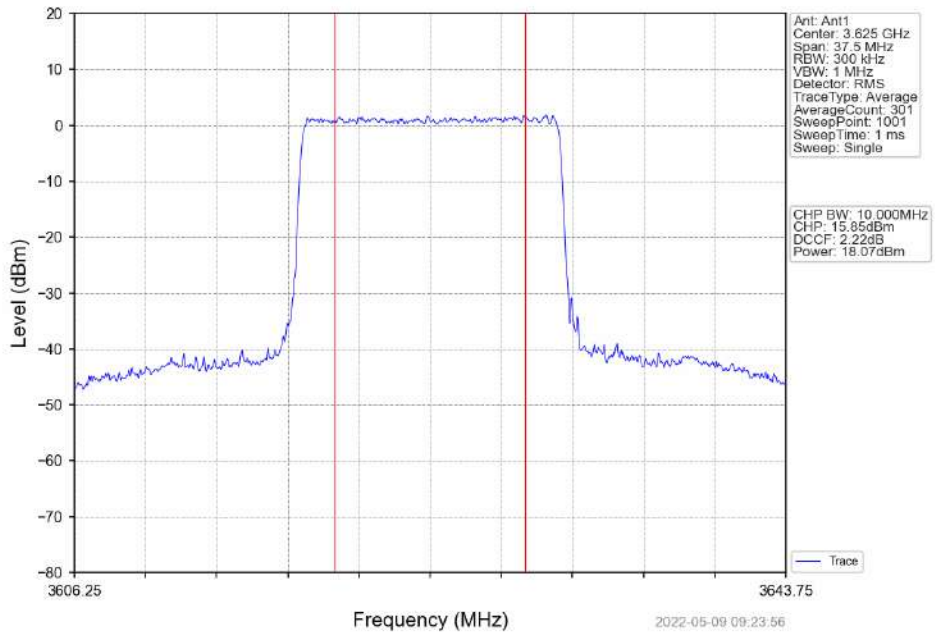
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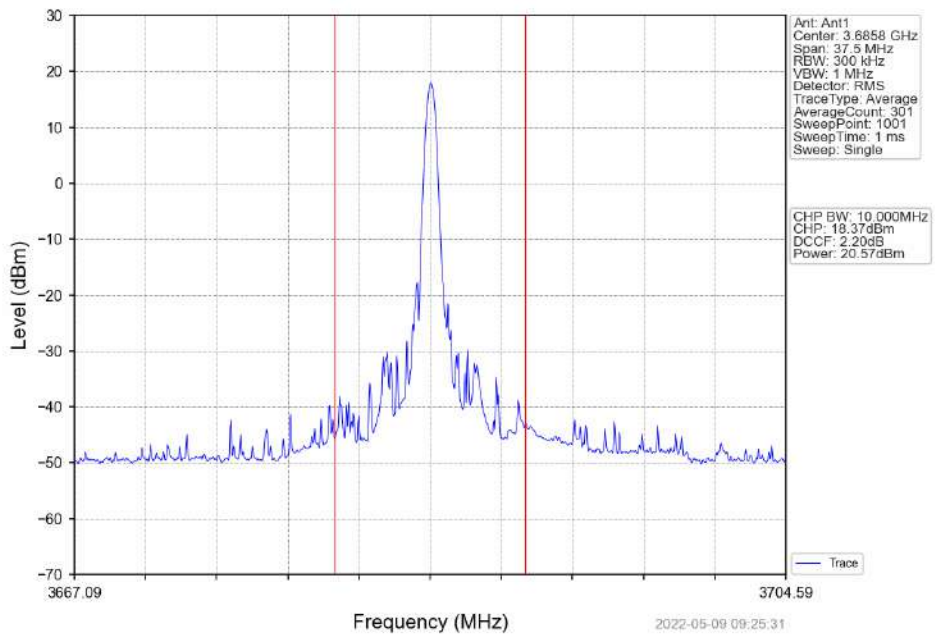
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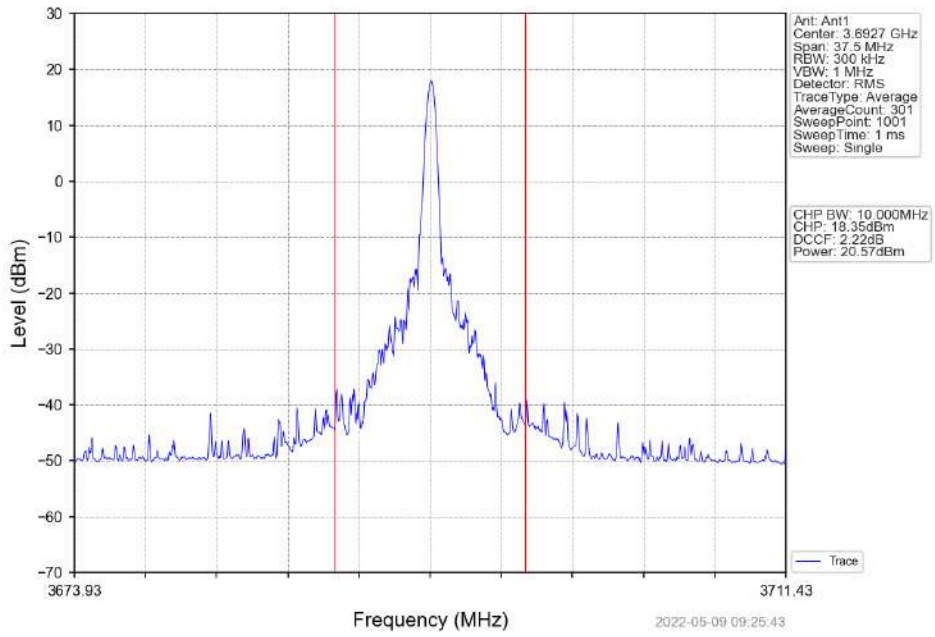
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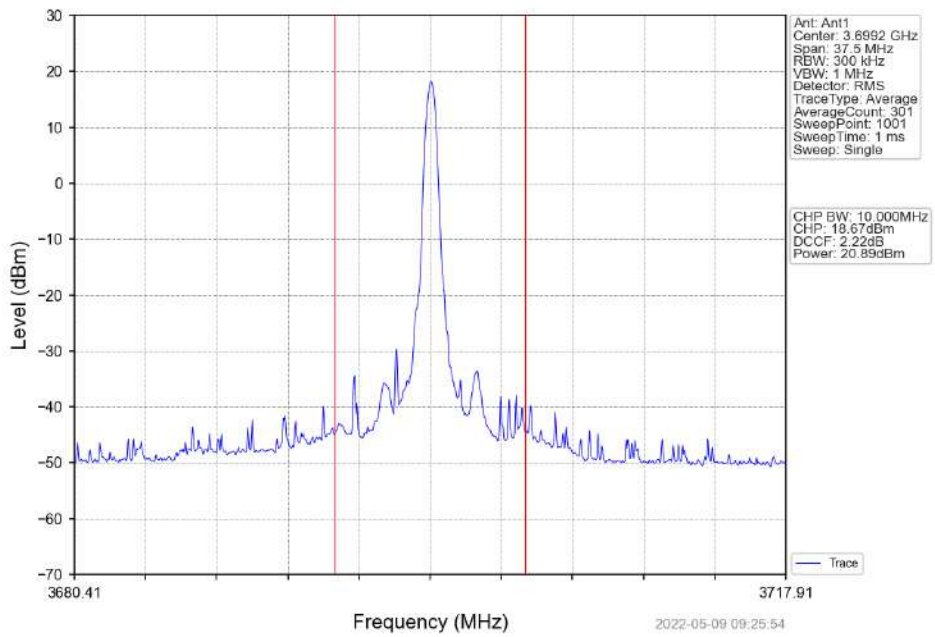
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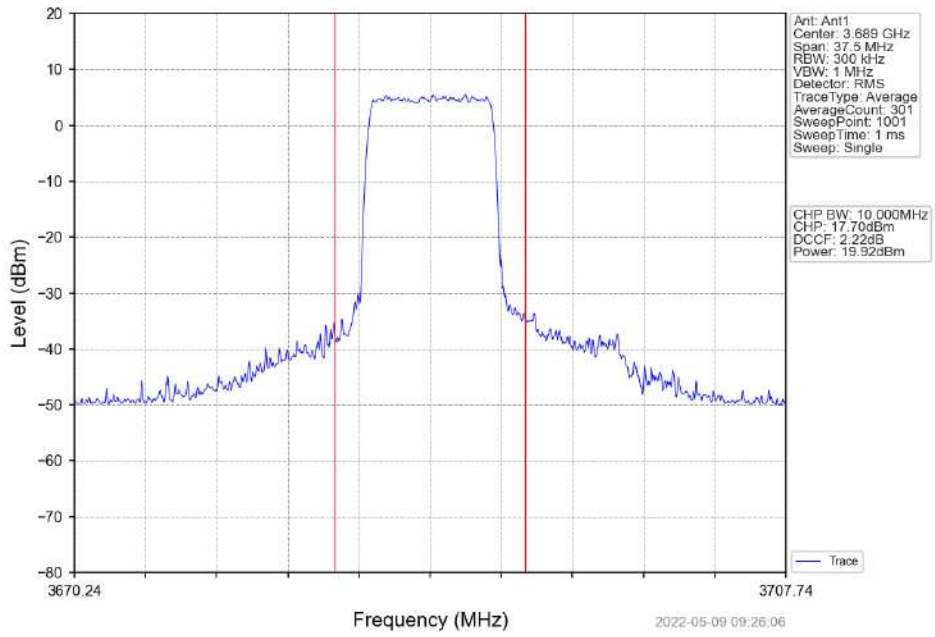
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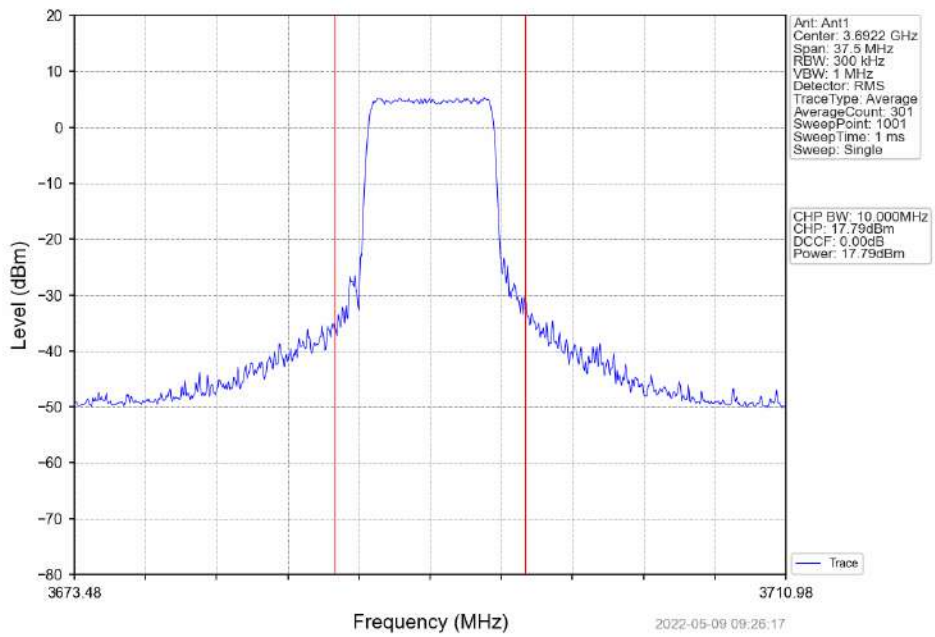
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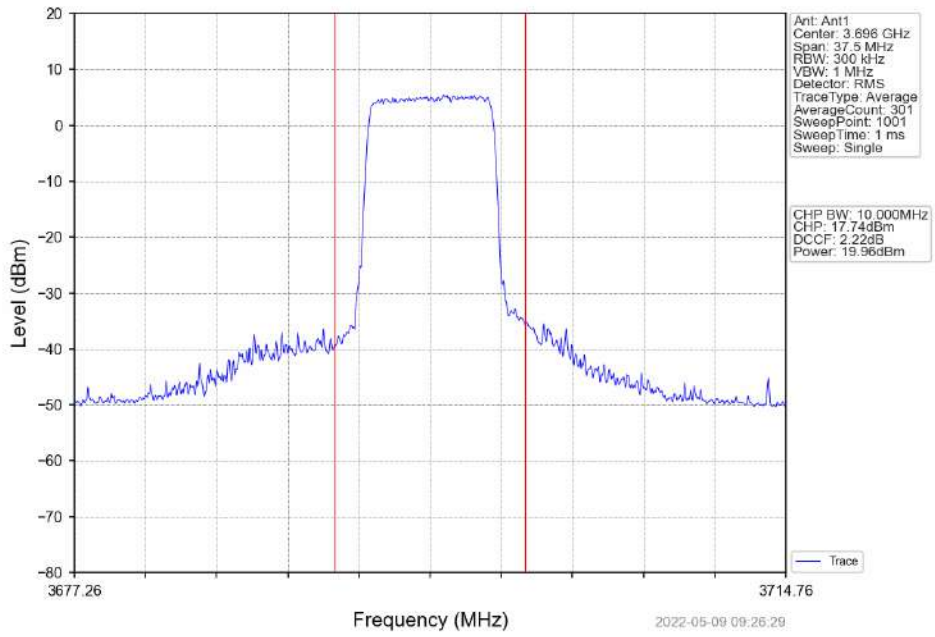
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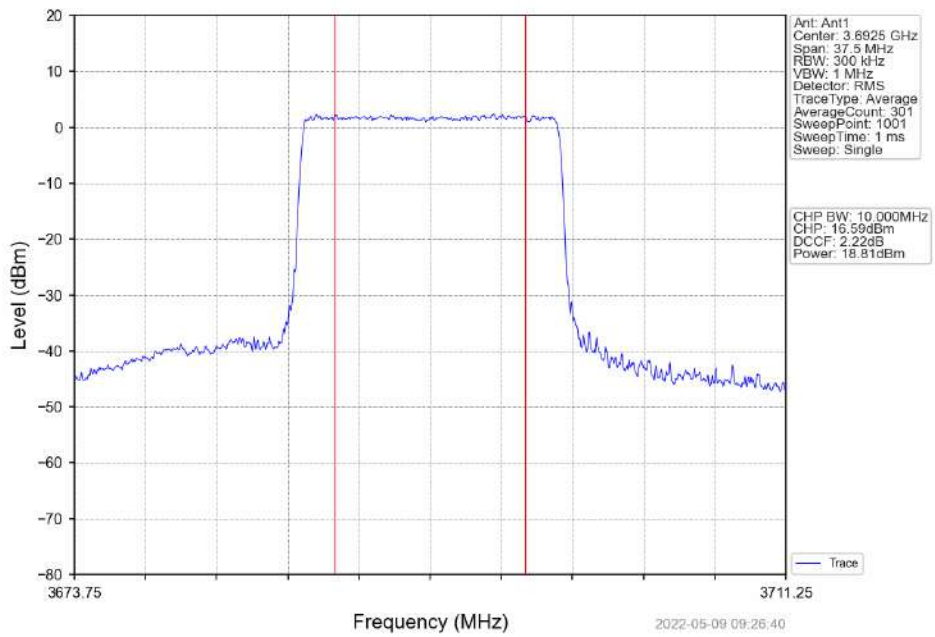
Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_36\_18\_NTNV



Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_36\_39\_NTNV



Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV



## 1.4 B48\_20MHz\_EIRP

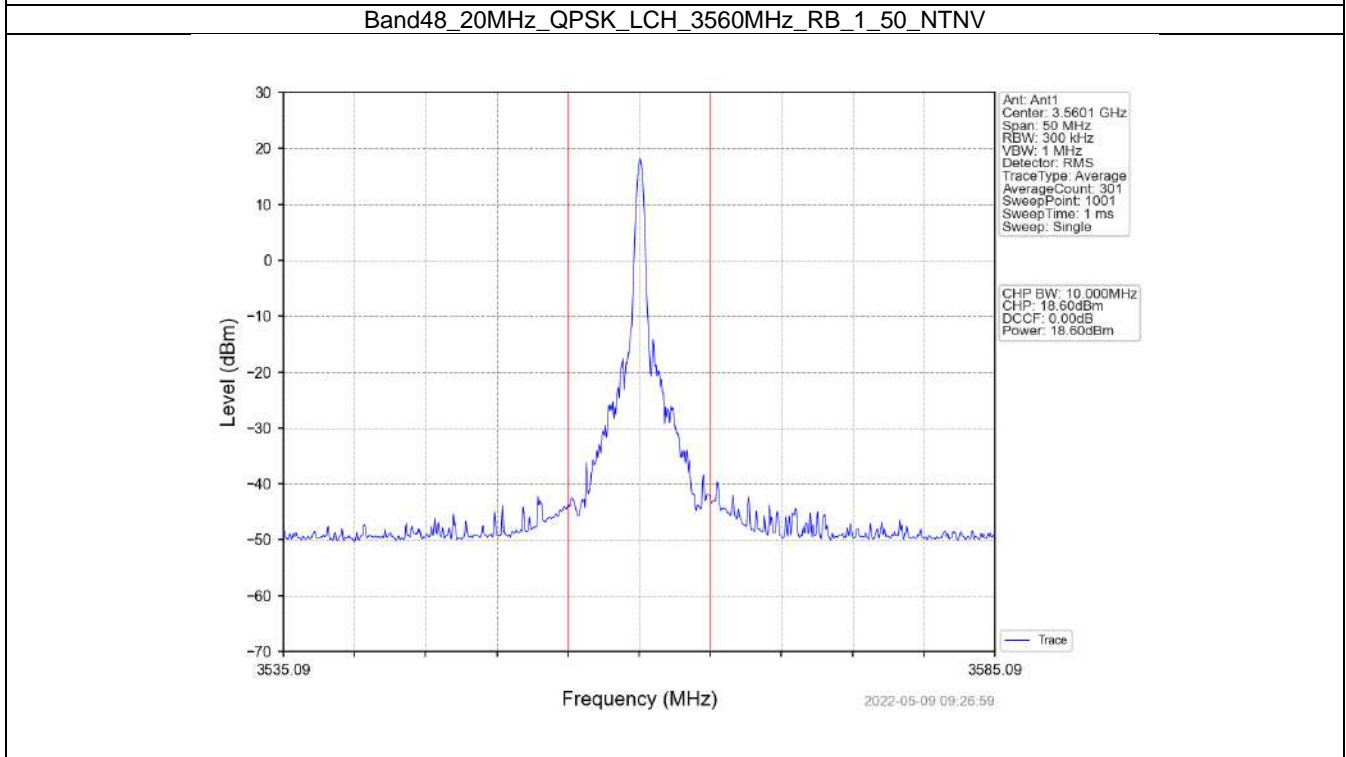
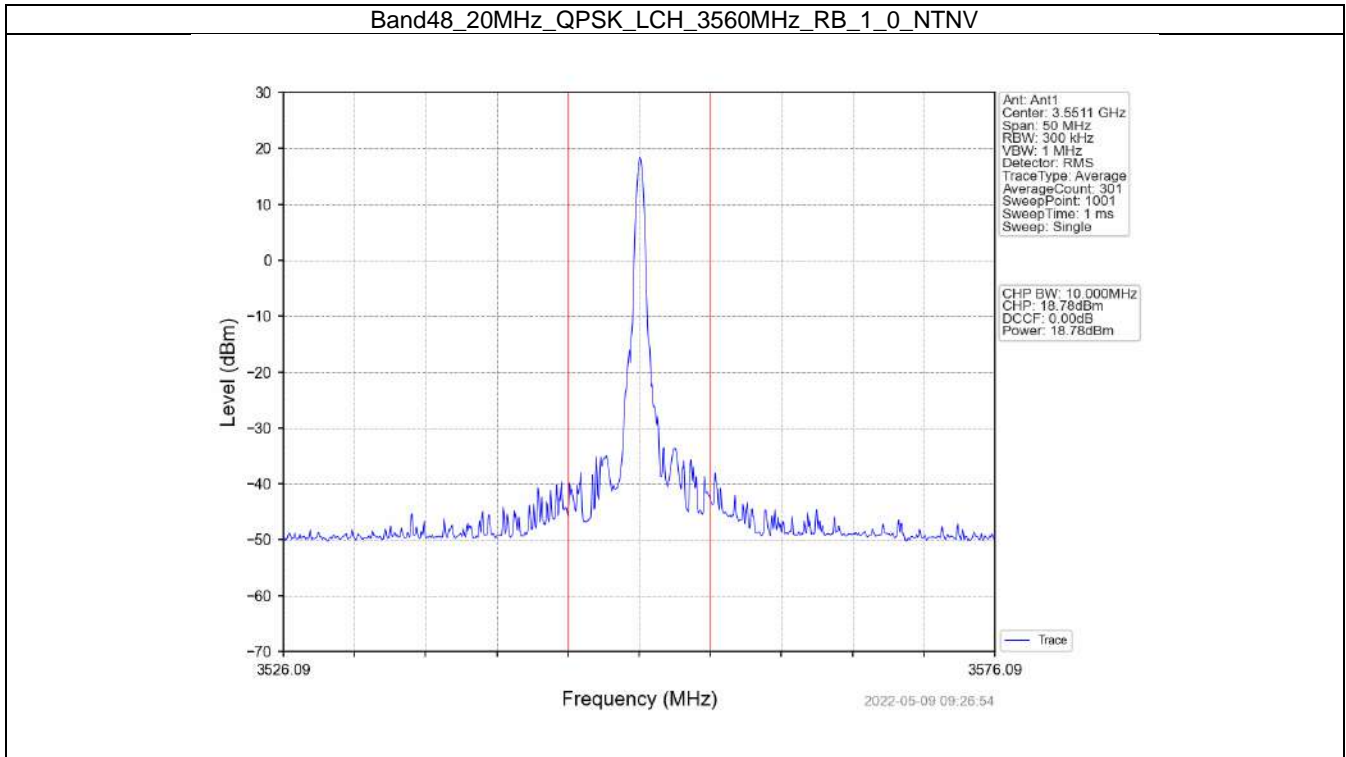
### 1.4.1 Test Result

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report_checked	report_checked	Size	Offset	report_checked	report_checked	Result	Limit	report_checked
report_checked	report_checked	report_checked	0	18.78	-0.13	18.65	<=23	Pass
report_checked	report_checked	report_checked	50	18.60	-0.13	18.47	<=23	Pass
report_checked	report_checked	report_checked	99	18.35	-0.13	18.22	<=23	Pass
report_checked	report_checked	report_checked	0	19.83	-0.13	19.70	<=23	Pass
report_checked	report_checked	report_checked	25	19.82	-0.13	19.69	<=23	Pass
report_checked	report_checked	report_checked	50	19.85	-0.13	19.72	<=23	Pass
report_checked	report_checked	100	0	17.29	-0.13	17.16	<=23	Pass
report_checked	report_checked	report_checked		20.92	-0.13	20.79	<=23	Pass
report_checked	report_checked	report_checked	50	20.83	-0.13	20.70	<=23	Pass
report_checked	report_checked	report_checked	99	21.04	-0.13	20.91	<=23	Pass
report_checked	report_checked	report_checked	0	20.09	-0.13	19.96	<=23	Pass
report_checked	report_checked	report_checked	25	20.22	-0.13	20.09	<=23	Pass
report_checked	report_checked	report_checked	50	19.59	-0.13	19.46	<=23	Pass
report_checked	report_checked	100	0	17.32	-0.13	17.19	<=23	Pass
report_checked	report_checked	report_checked		19.63	-0.13	19.50	<=23	Pass
report_checked	report_checked	report_checked	50	19.80	-0.13	19.67	<=23	Pass
report_checked	report_checked	report_checked	99	19.80	-0.13	19.67	<=23	Pass
report_checked	report_checked	report_checked	0	20.82	-0.13	20.69	<=23	Pass
report_checked	report_checked	report_checked	25	21.05	-0.13	20.92	<=23	Pass
report_checked	report_checked	report_checked	50	18.60	-0.13	18.47	<=23	Pass
report_checked	report_checked	100	0	15.97	-0.13	15.84	<=23	Pass
report_checked	report_checked	report_checked		20.13	-0.13	20.00	<=23	Pass
report_checked	report_checked	report_checked	50	20.26	-0.13	20.13	<=23	Pass
report_checked	report_checked	report_checked	99	17.28	-0.13	17.15	<=23	Pass

ed	ed	ed						
report_checked	report_checked	report_checked	0	16.77	-0.13	16.64	<=23	Pass
report_checked	report_checked	report_checked	25	19.08	-0.13	18.95	<=23	Pass
report_checked	report_checked	report_checked	50	18.90	-0.13	18.77	<=23	Pass
report_checked	report_checked	100	0	16.27	-0.13	16.14	<=23	Pass
report_checked	report_checked	report_checked		20.32	-0.13	20.19	<=23	Pass
report_checked	report_checked	report_checked	50	20.17	-0.13	20.04	<=23	Pass
report_checked	report_checked	report_checked	99	18.36	-0.13	18.23	<=23	Pass
report_checked	report_checked	report_checked	0	19.08	-0.13	18.95	<=23	Pass
report_checked	report_checked	report_checked	25	16.84	-0.13	16.71	<=23	Pass
report_checked	report_checked	report_checked	50	18.93	-0.13	18.80	<=23	Pass
report_checked	report_checked	100	0	13.75	-0.13	13.62	<=23	Pass
report_checked	report_checked	report_checked		20.46	-0.13	20.33	<=23	Pass
report_checked	report_checked	report_checked	50	21.44	-0.13	21.31	<=23	Pass
report_checked	report_checked	report_checked	99	21.24	-0.13	21.11	<=23	Pass
report_checked	report_checked	report_checked	0	19.48	-0.13	19.35	<=23	Pass
report_checked	report_checked	report_checked	25	19.94	-0.13	19.81	<=23	Pass
report_checked	report_checked	report_checked	50	20.05	-0.13	19.92	<=23	Pass
report_checked	report_checked	100	0	17.20	-0.13	17.07	<=23	Pass

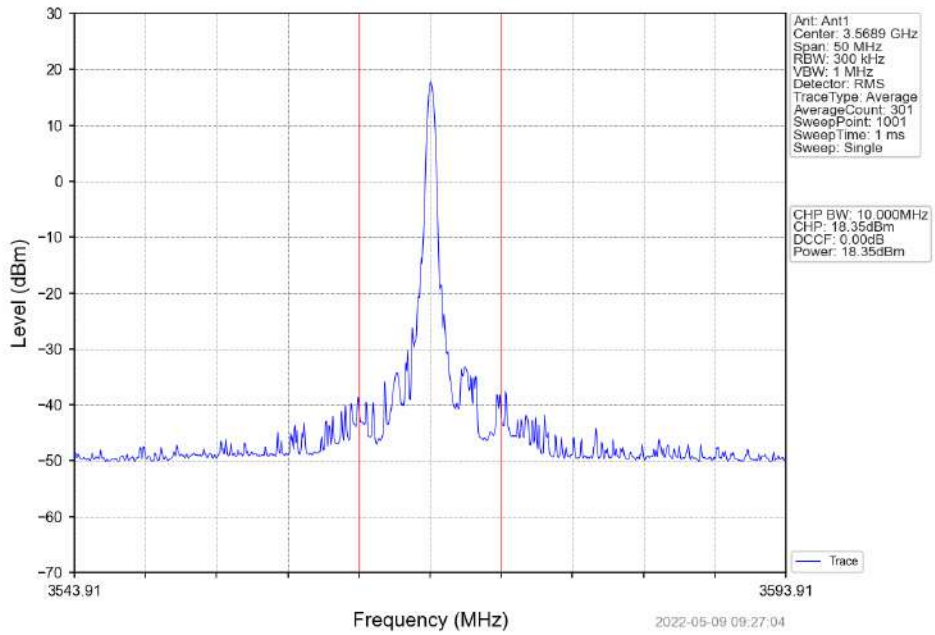
Note1: EIRP=Conducted Power+Antenna Gain

### 1.4.2 Test Graph

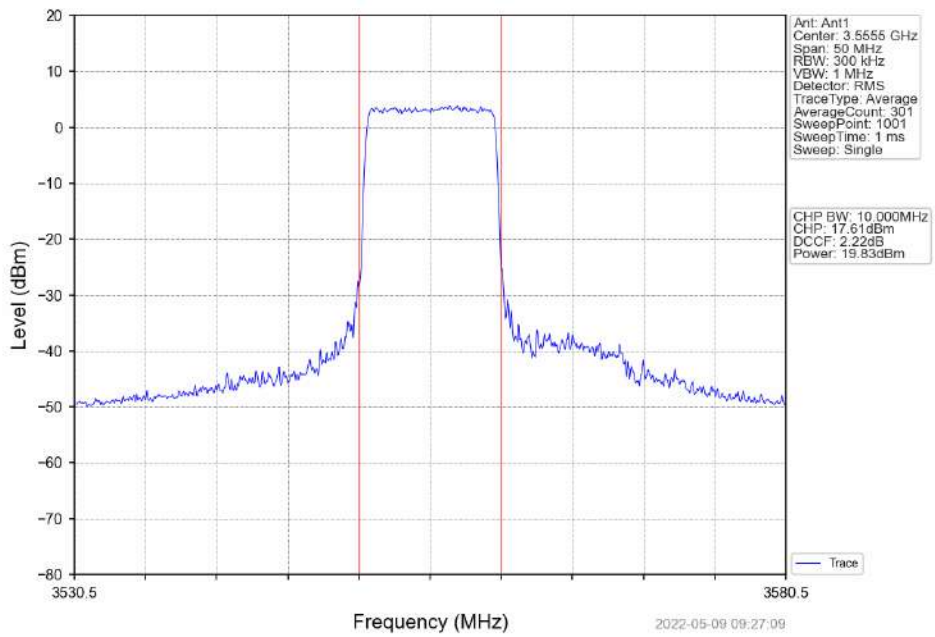




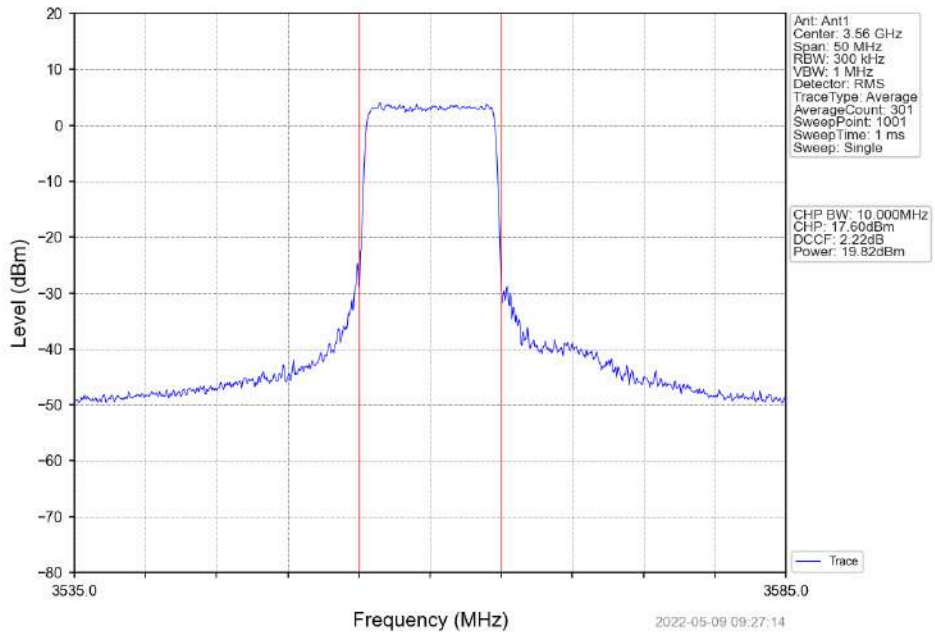
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_1\_99\_NTNV



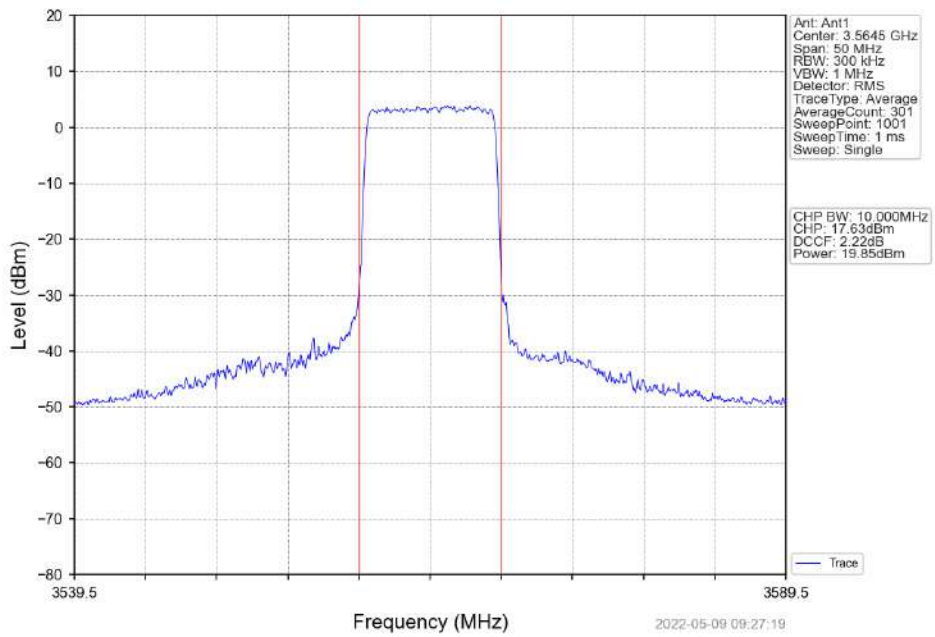
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_50\_0\_NTNV



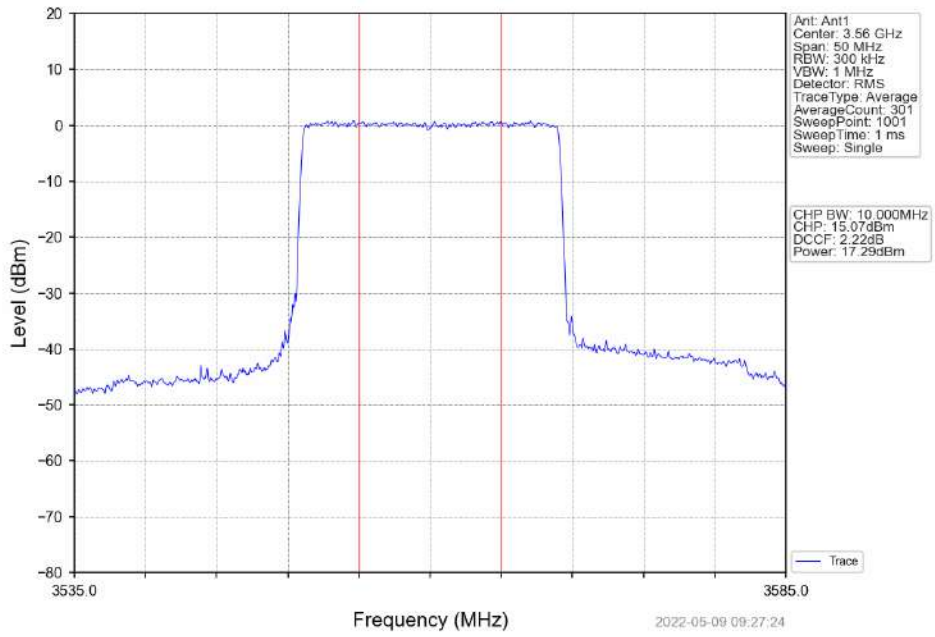
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_50\_25\_NTNV



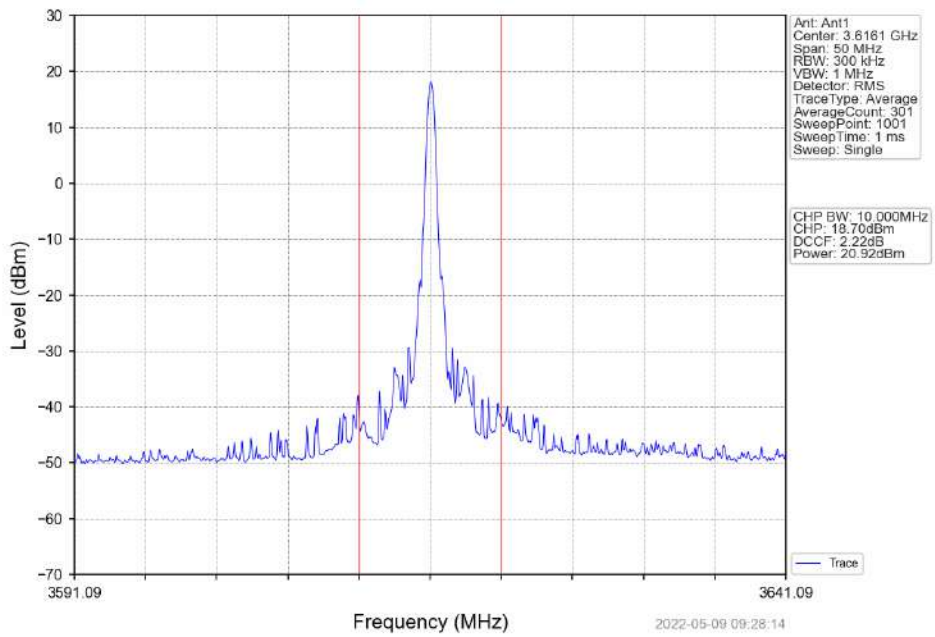
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_50\_50\_NTNV



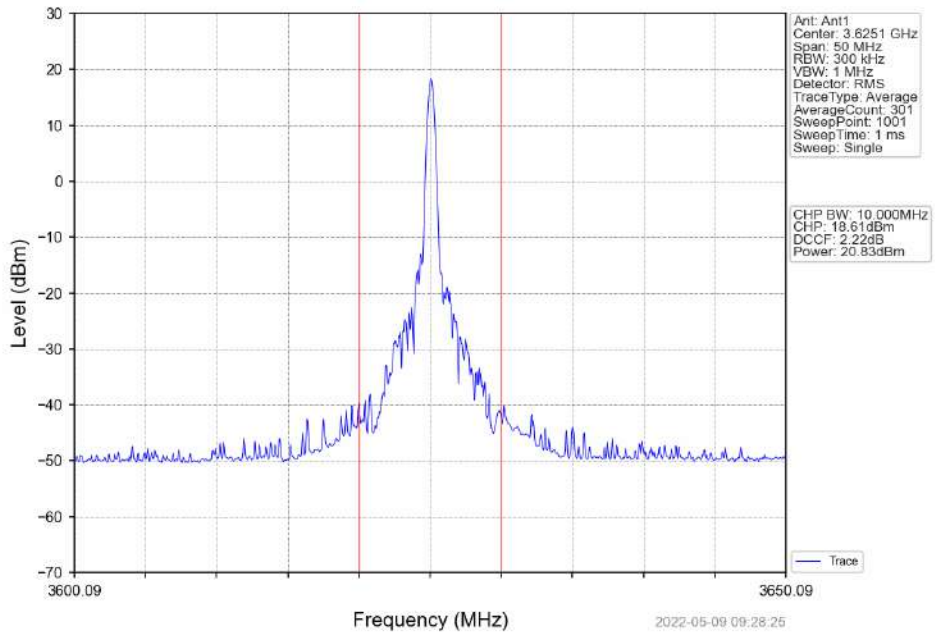
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_100\_0\_NTNV



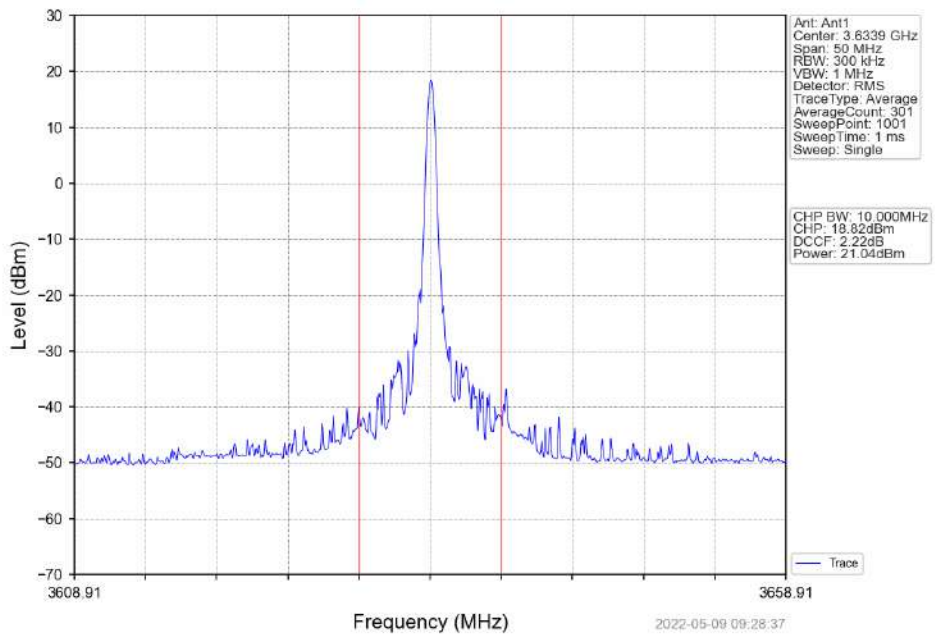
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



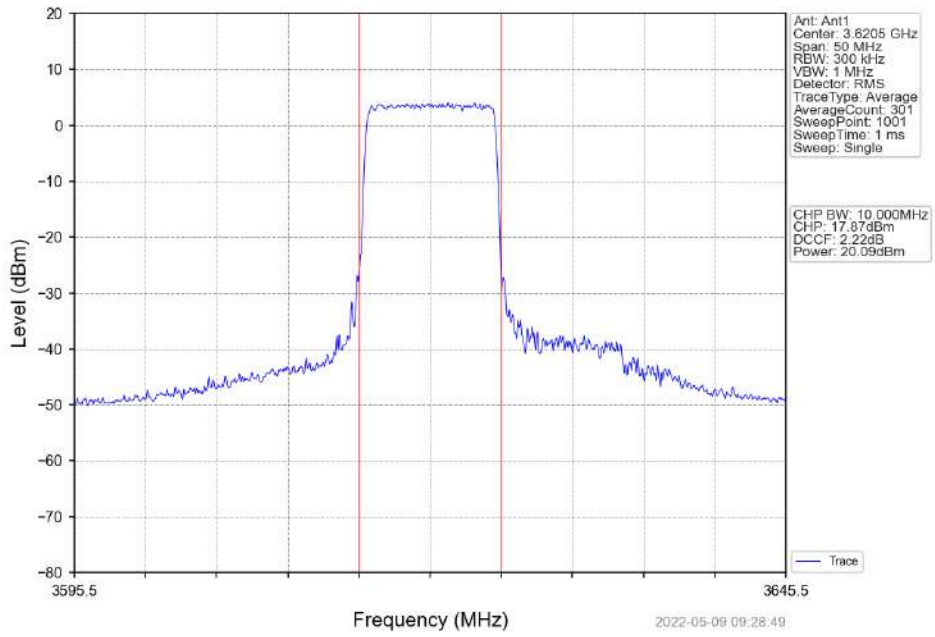
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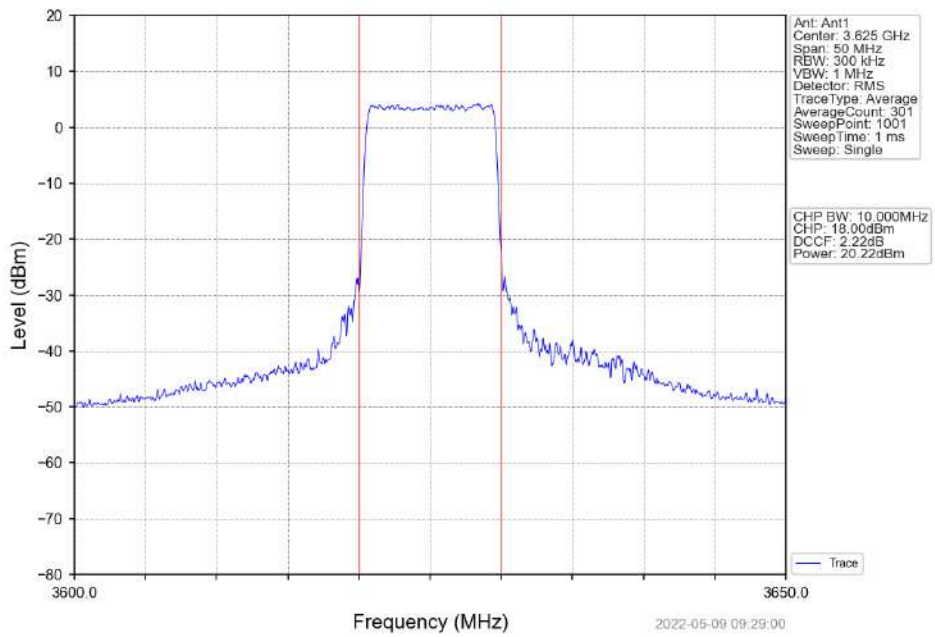
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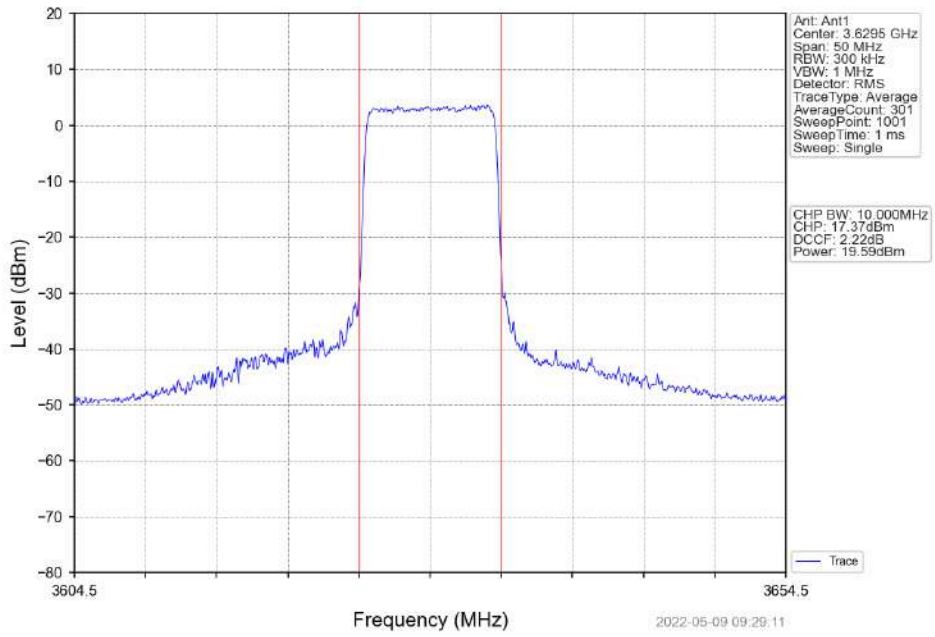
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_50\_0\_NTNV



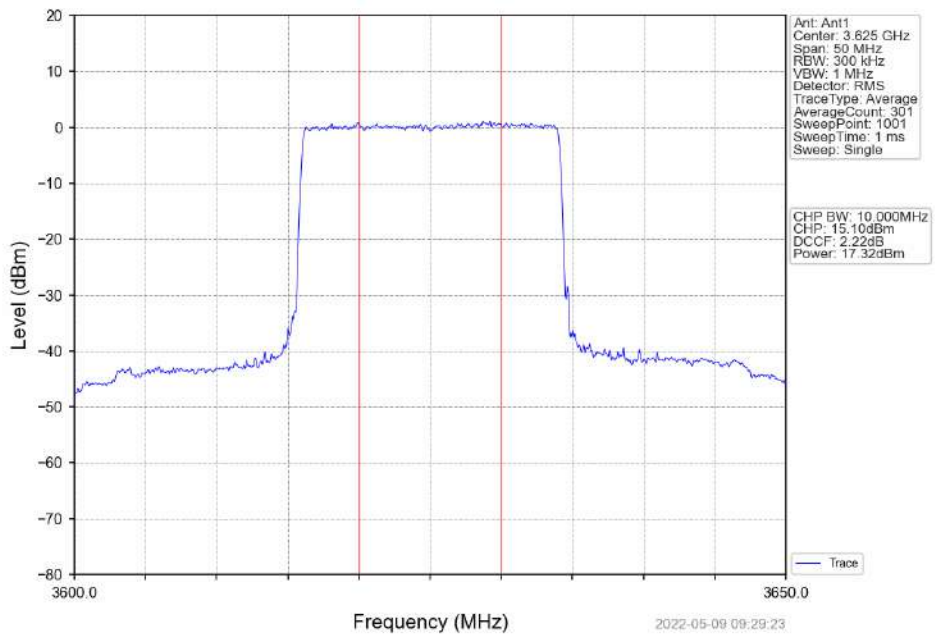
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_50\_25\_NTNV



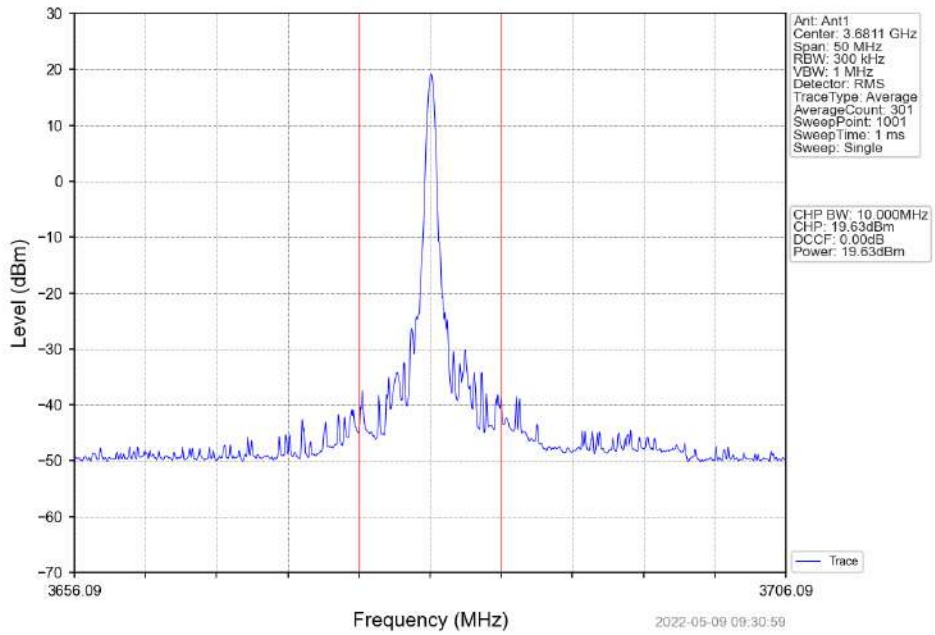
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_50\_50\_NTNV



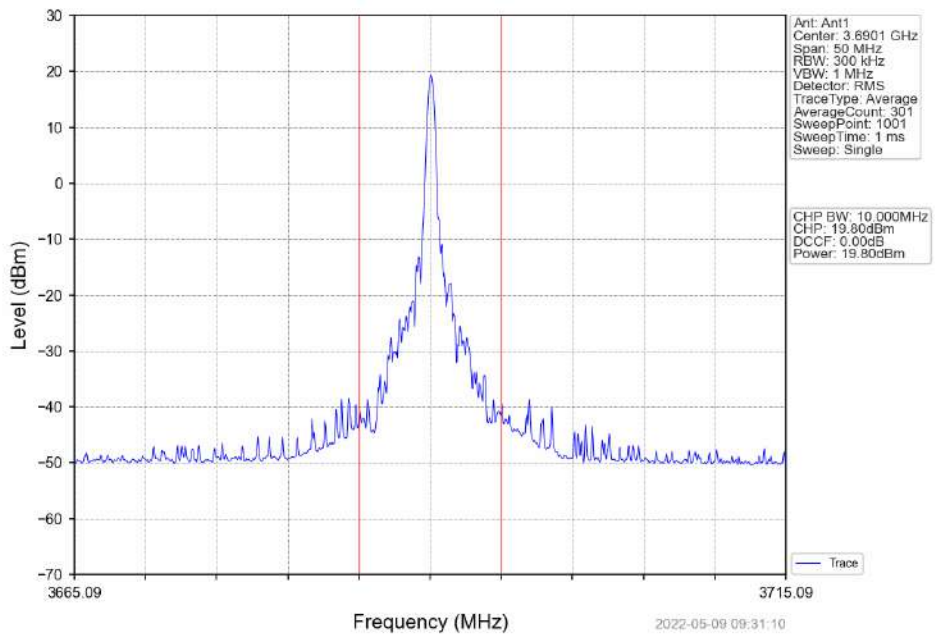
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_100\_0\_NTNV



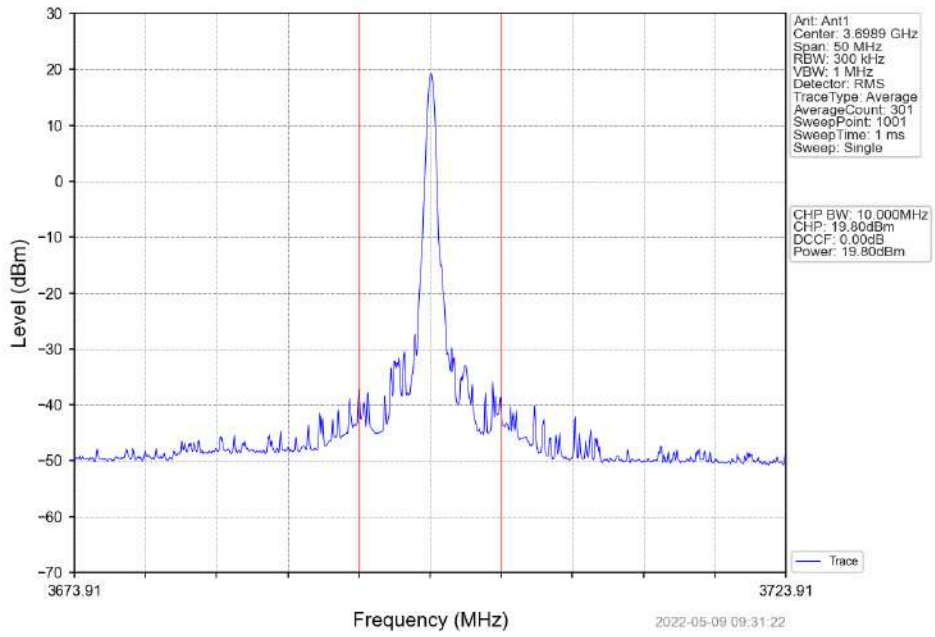
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_0\_NTNV



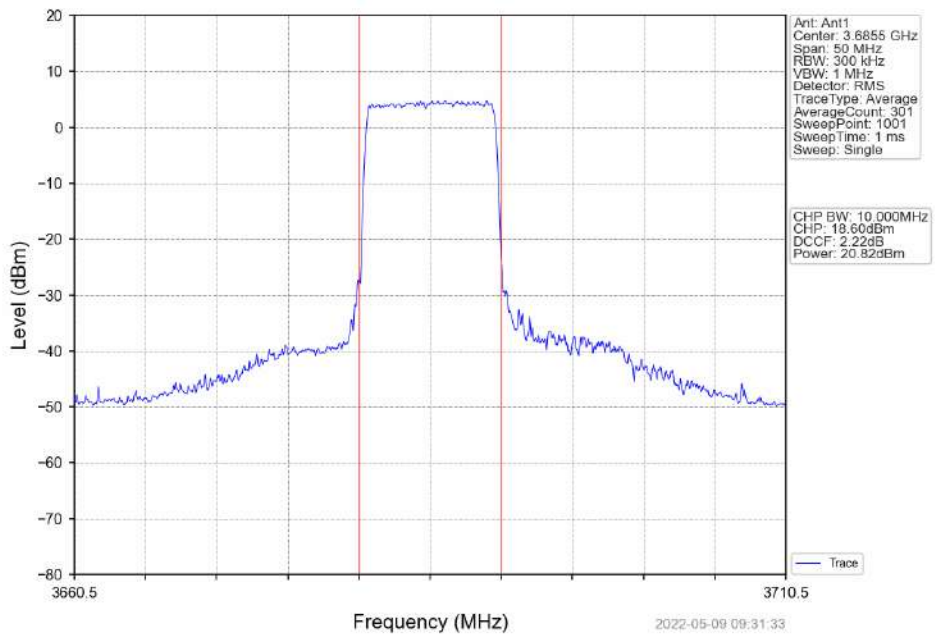
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_50\_NTNV



Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_99\_NTNV

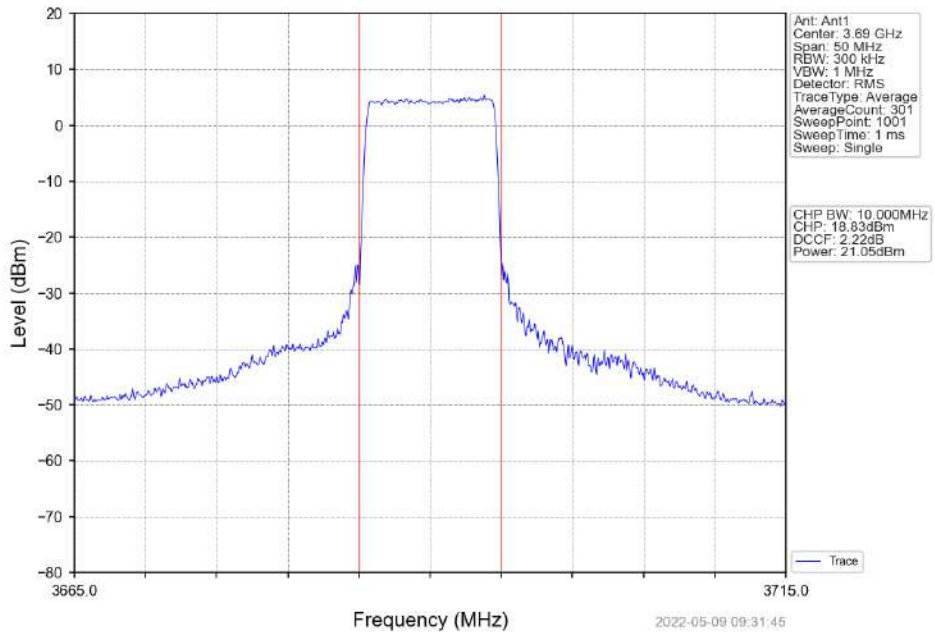


Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_50\_0\_NTNV

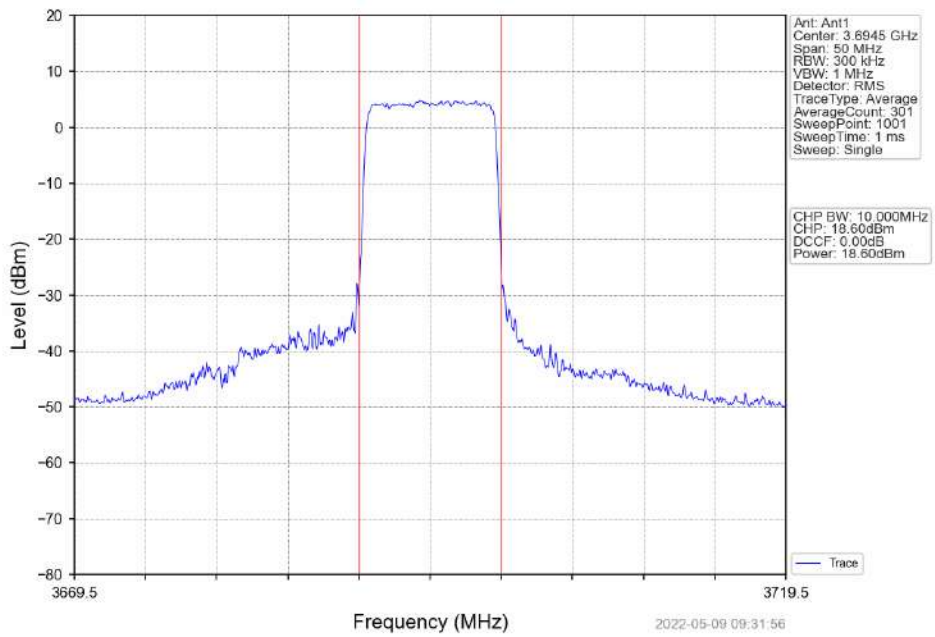




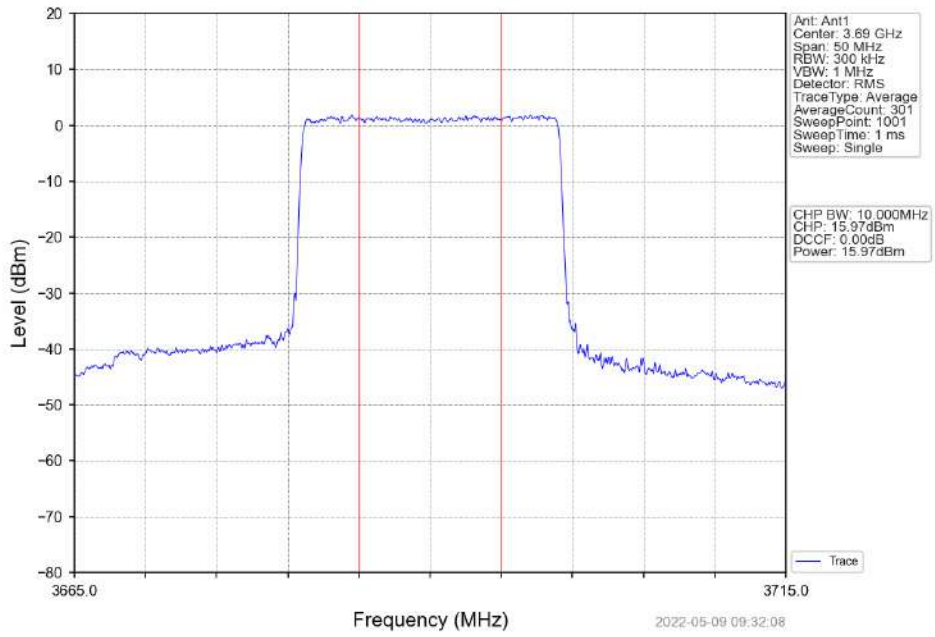
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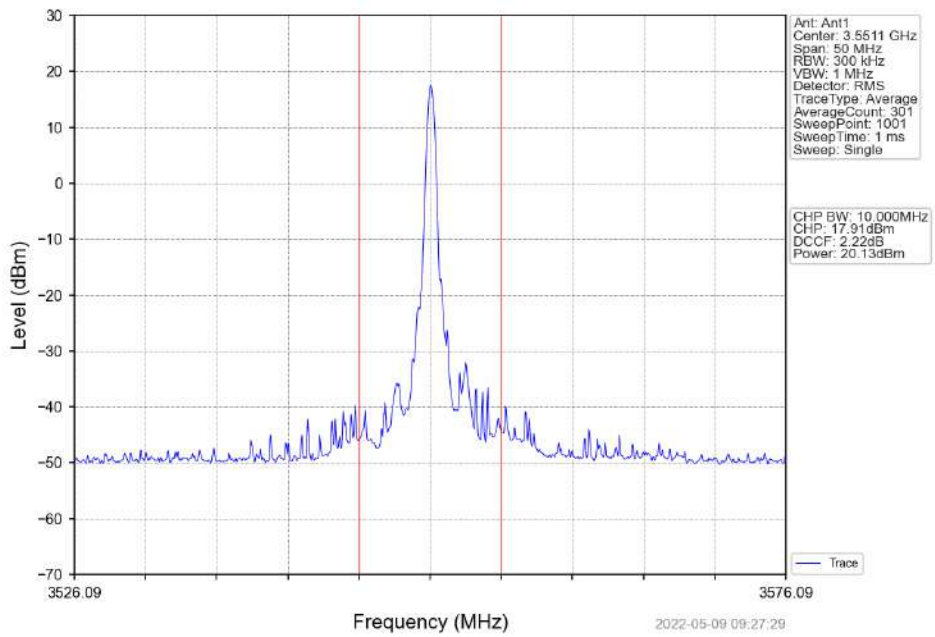
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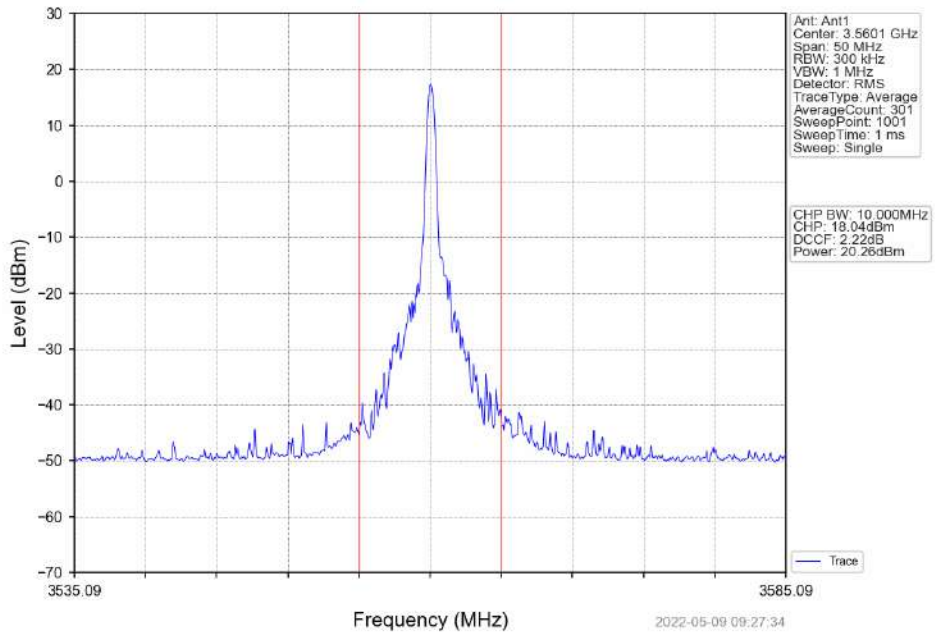
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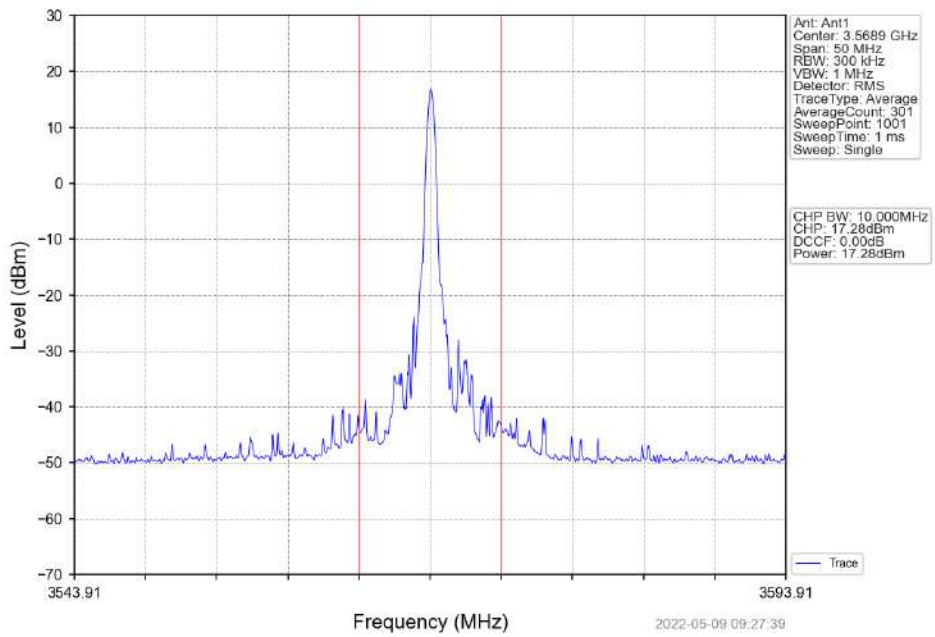
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_1\_0\_NTNV



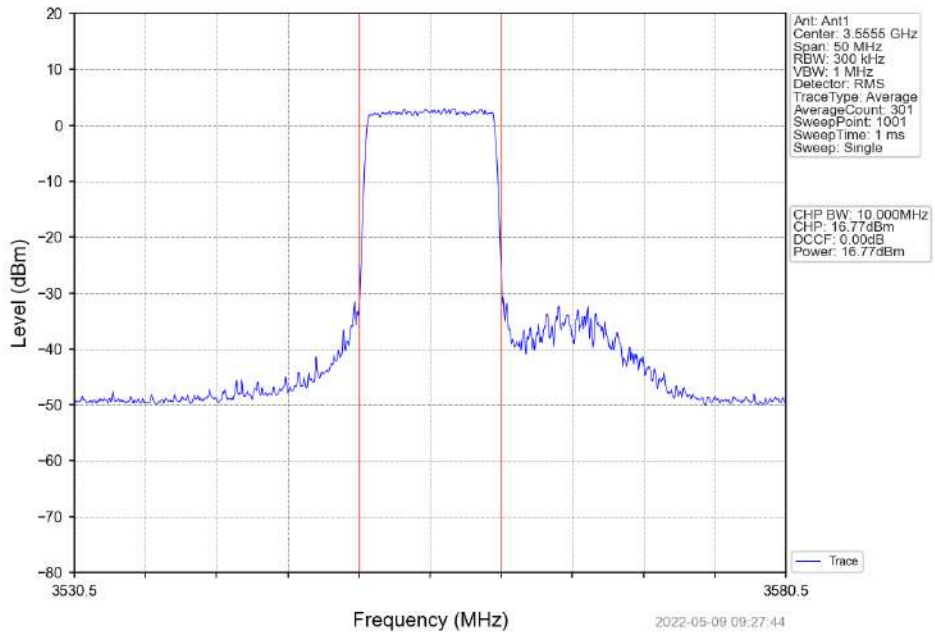
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_1\_50\_NTNV



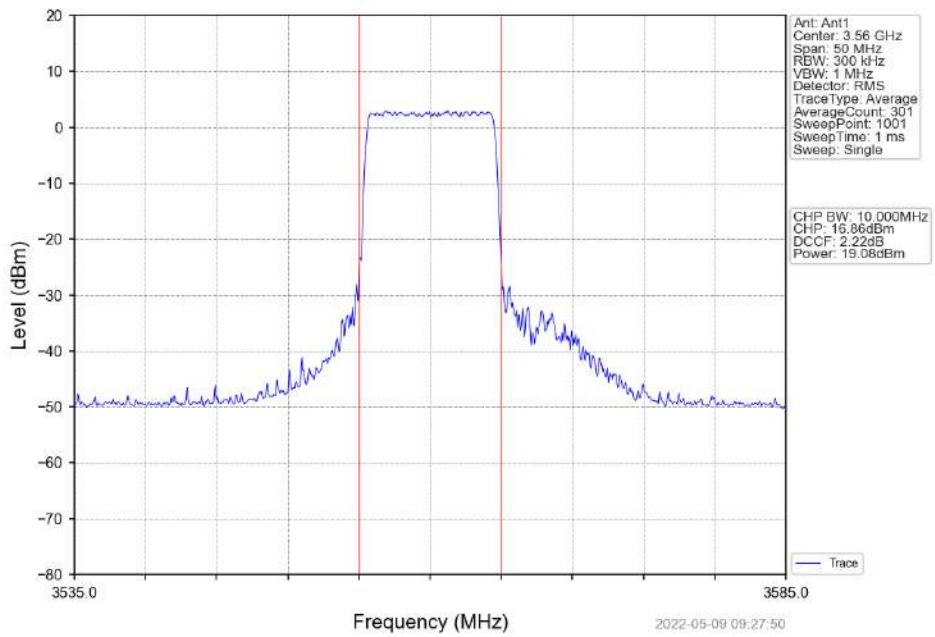
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_1\_99\_NTNV



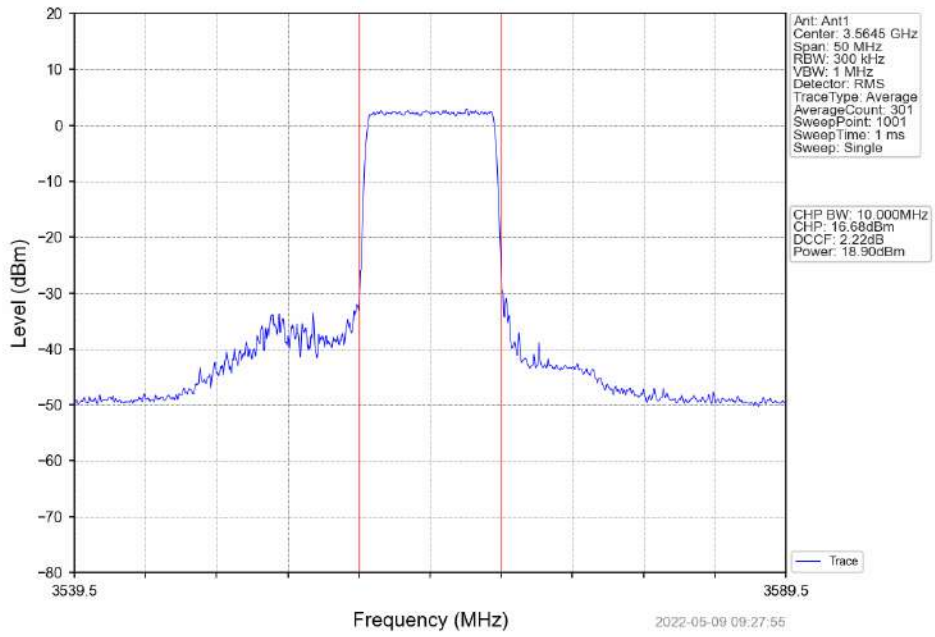
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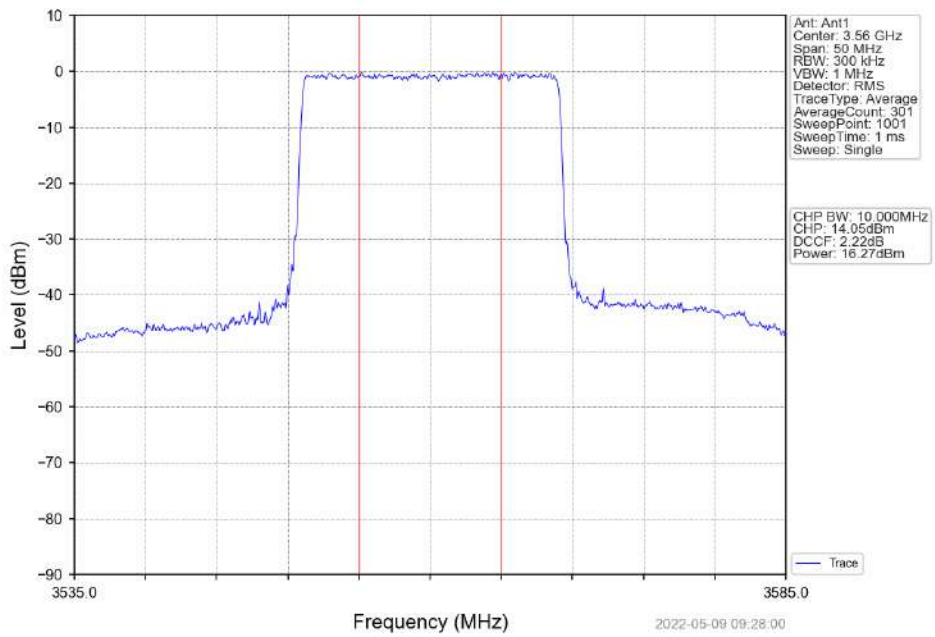
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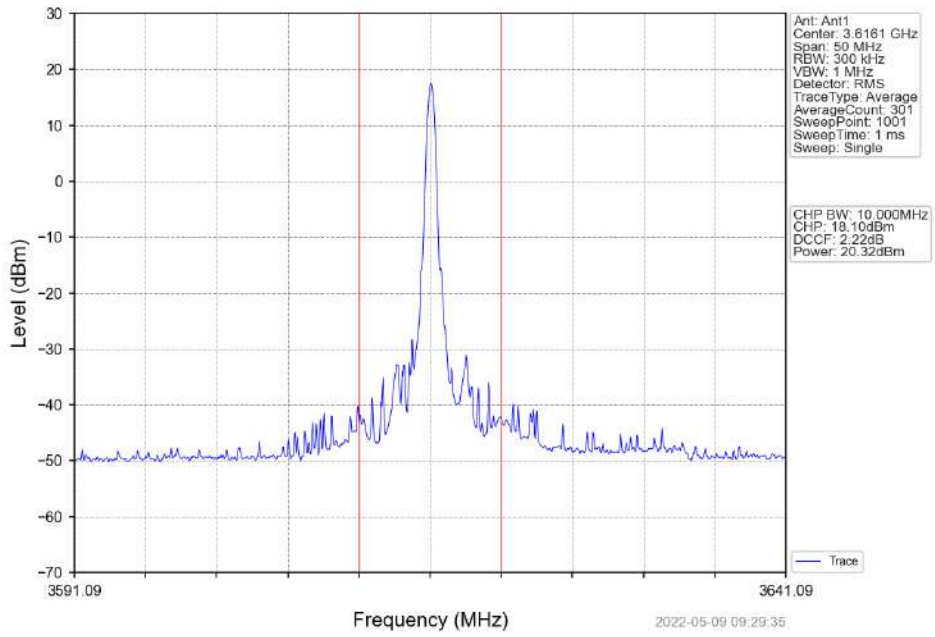
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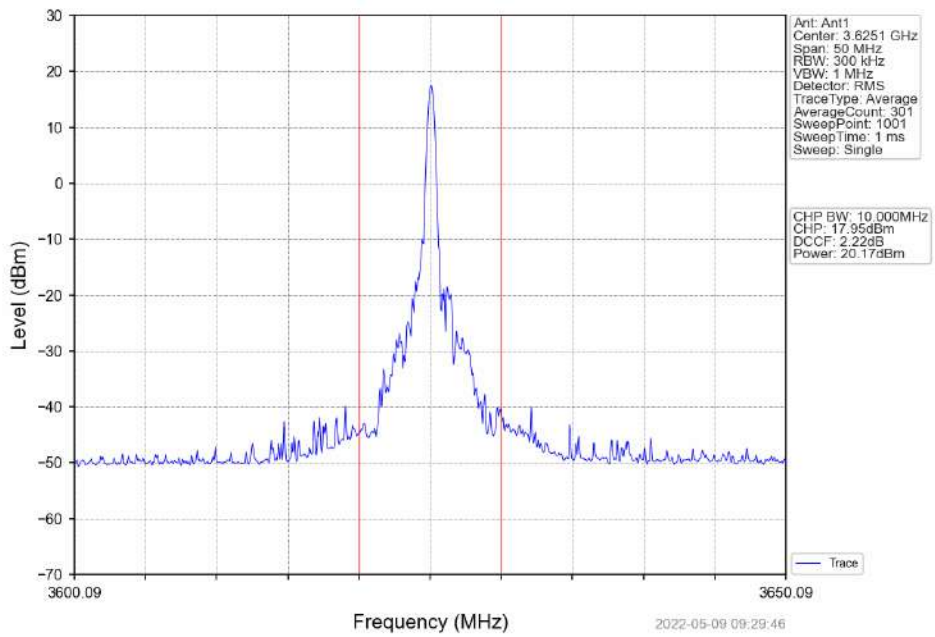
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_100\_0\_NTNV



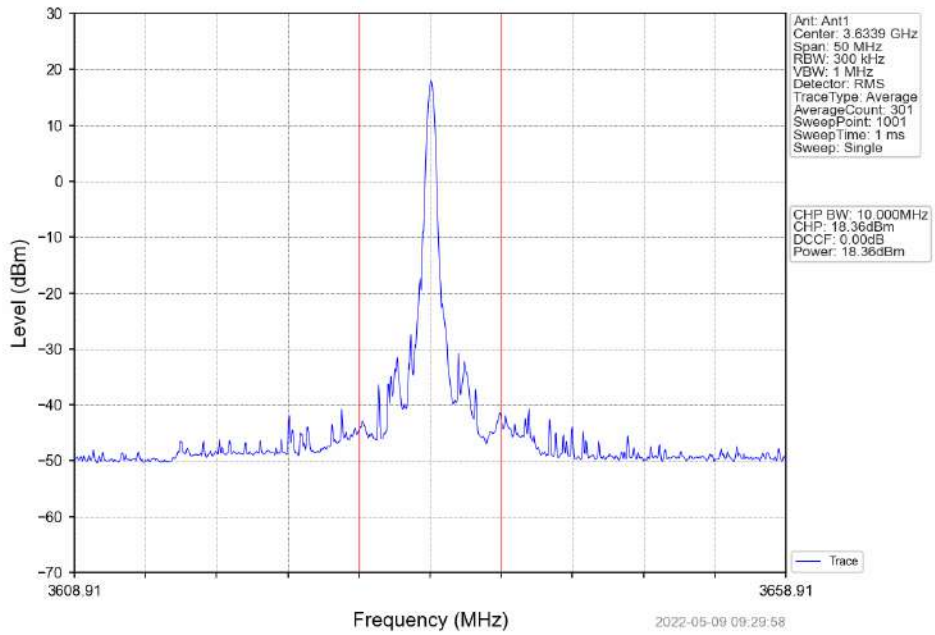
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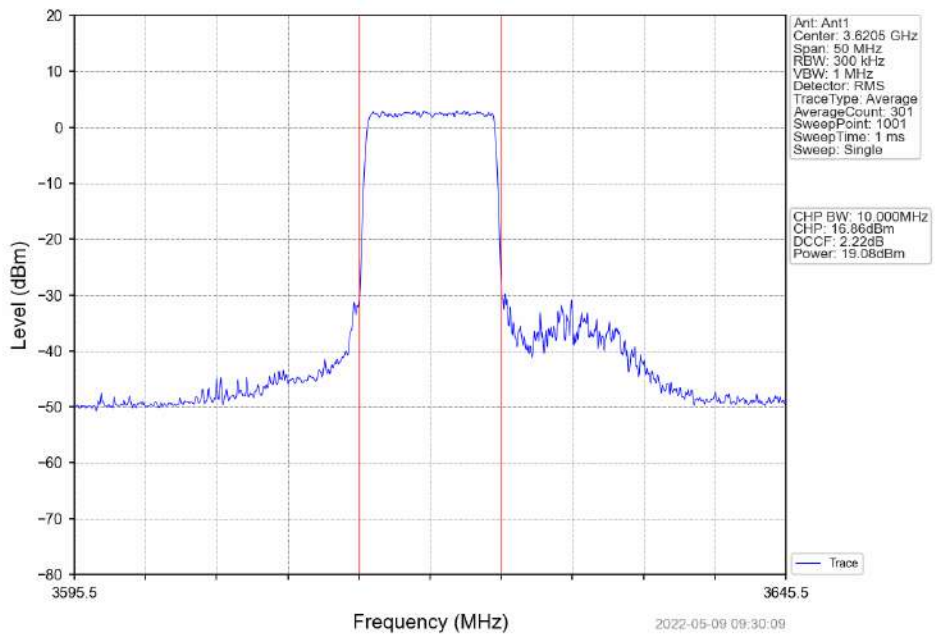
Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_50\_NTNV



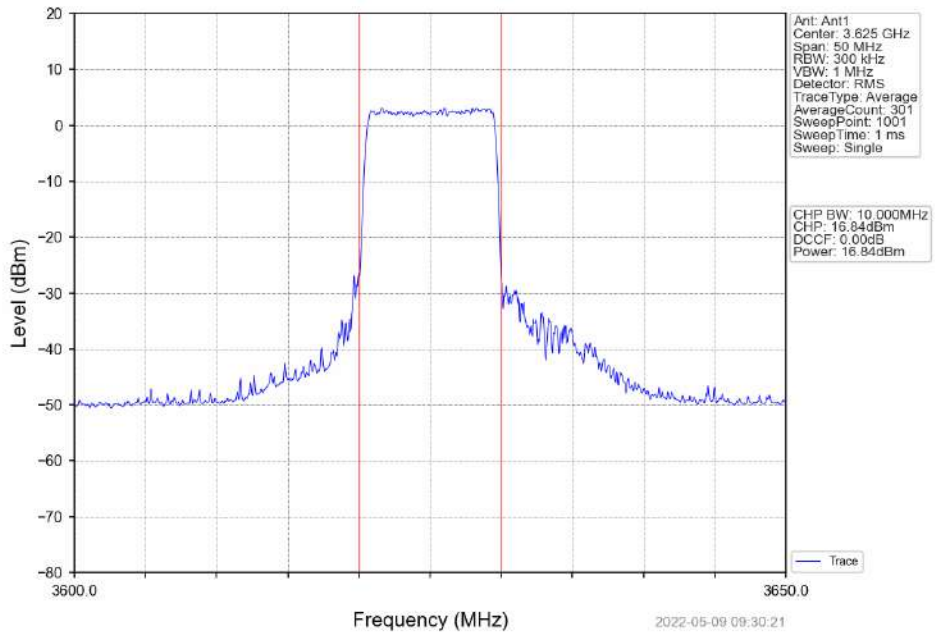
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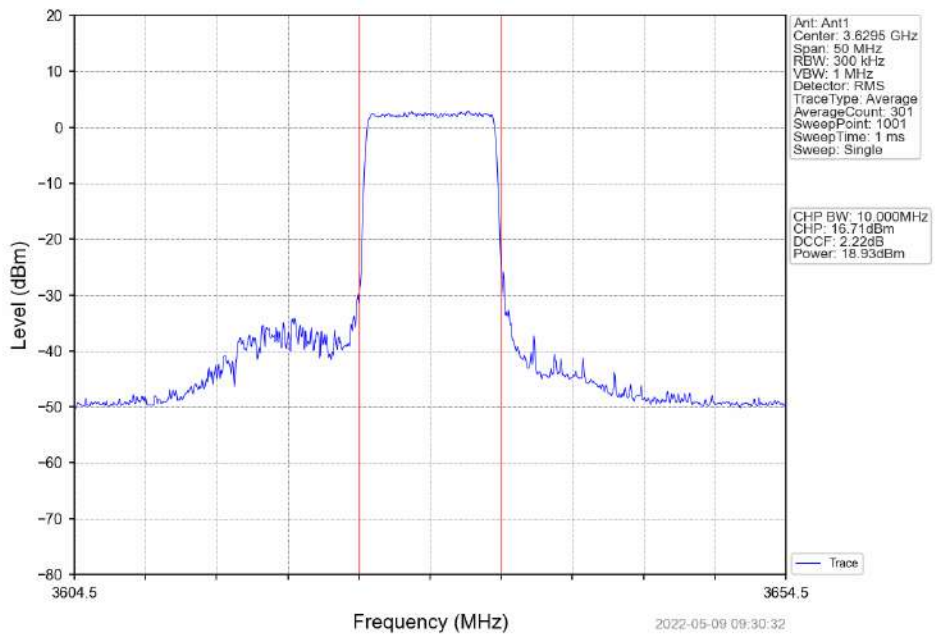
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Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_50\_25\_NTNV

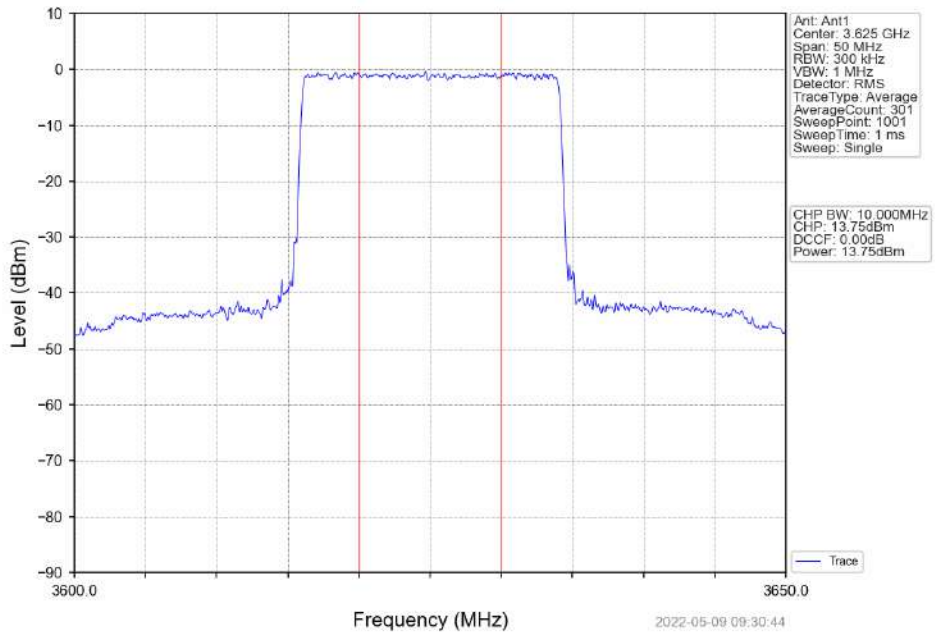


Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_50\_50\_NTNV

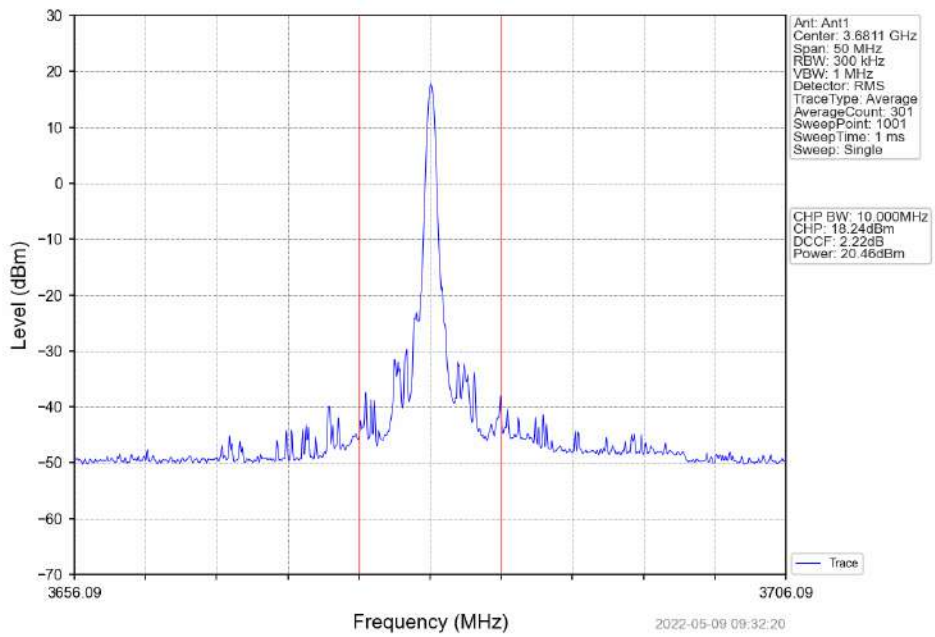




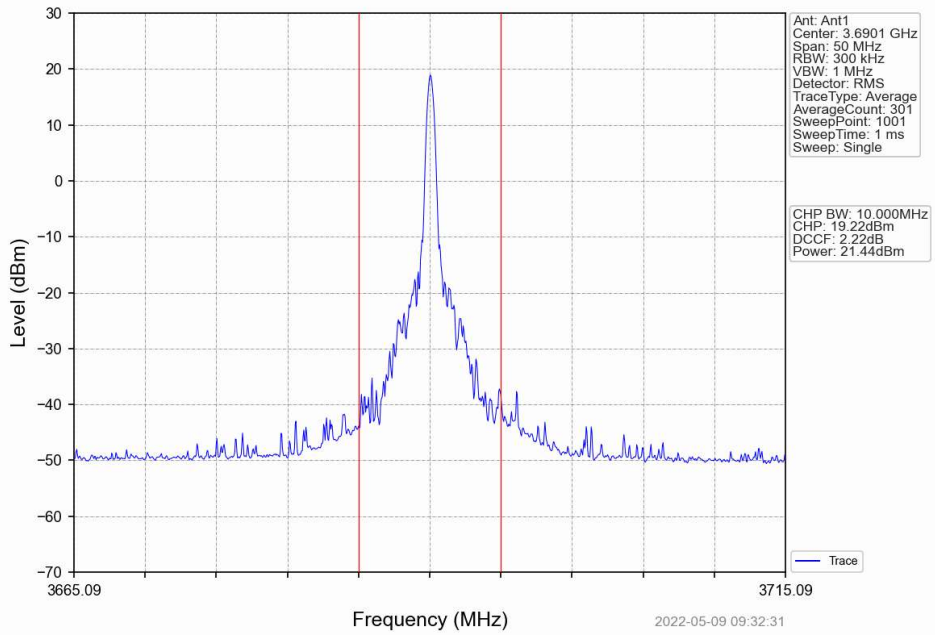
Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



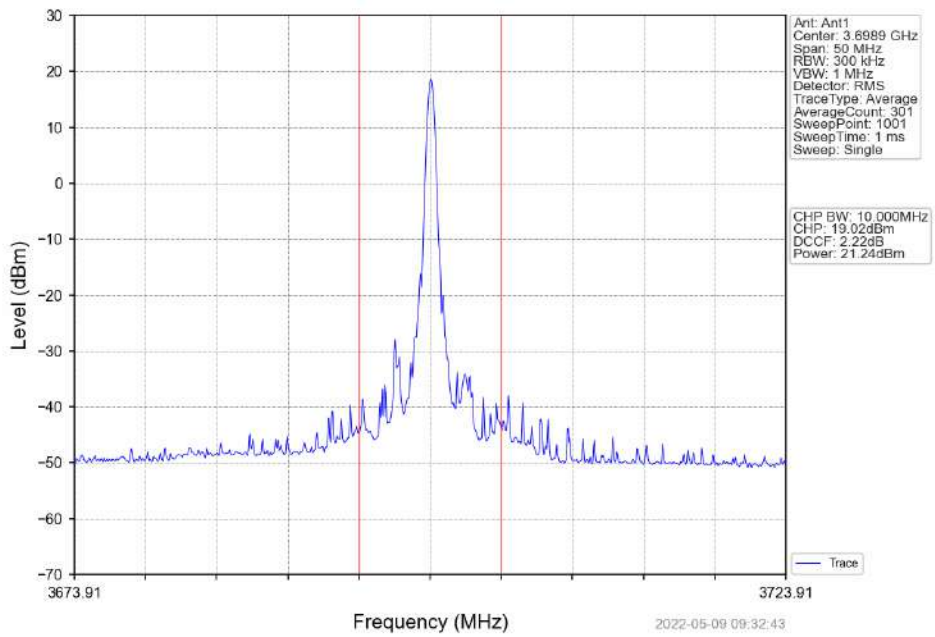
Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_1\_0\_NTNV



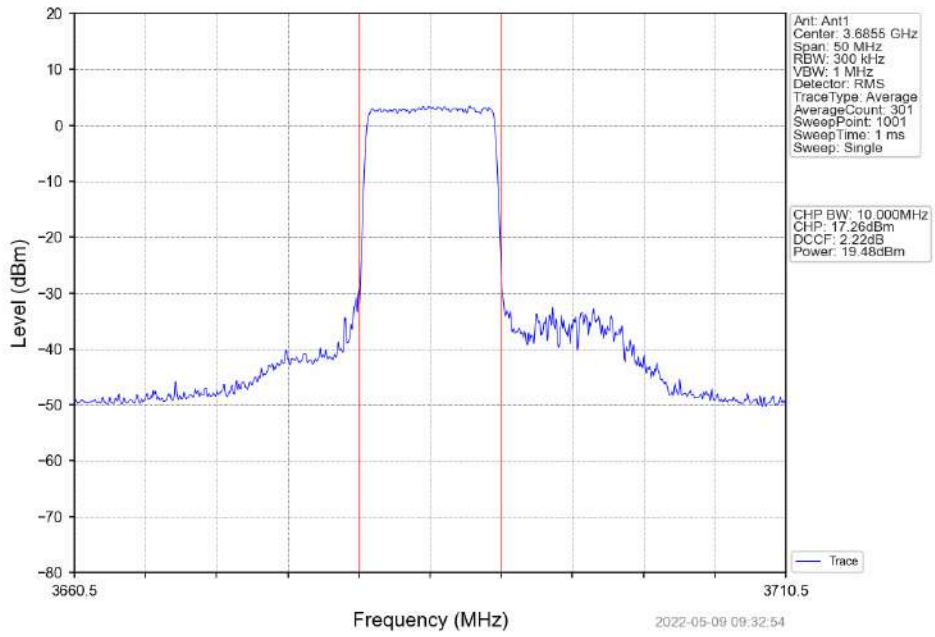
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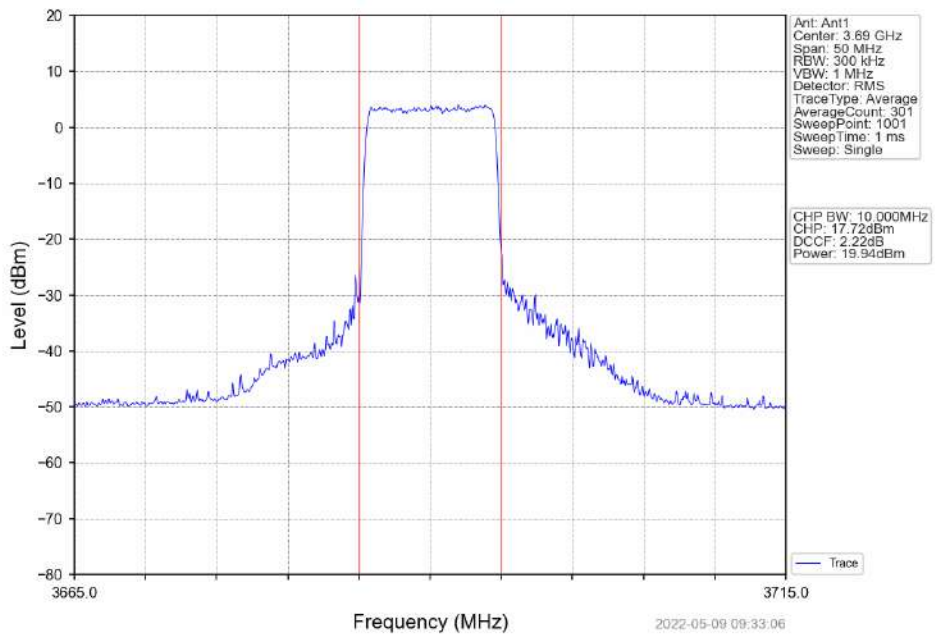
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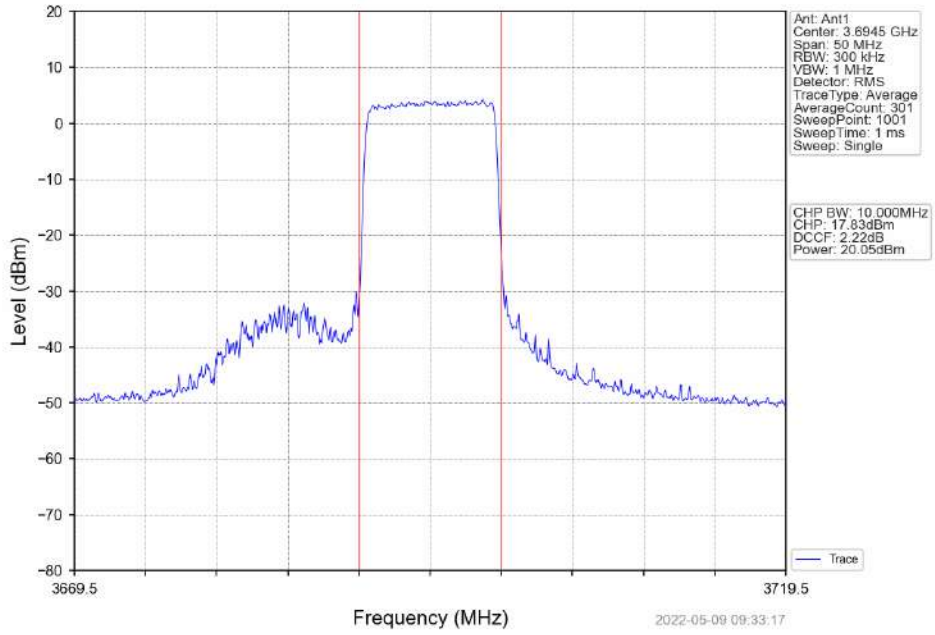
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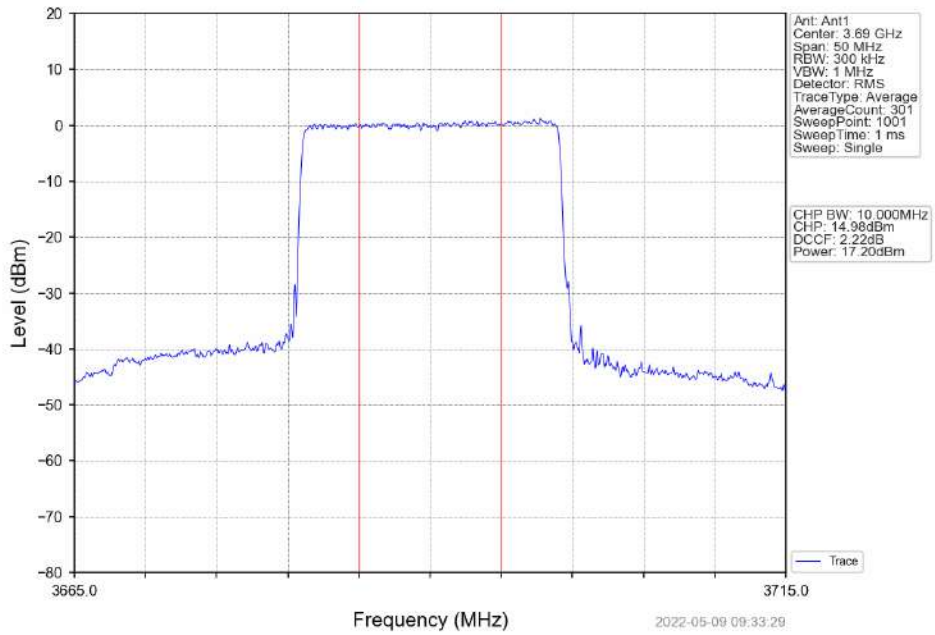
Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_50\_25\_NTNV



Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_50\_50\_NTNV



Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_100\_0\_NTNV



5G NR N48

1. Effective (Isotropic) Radiated Power Output Data

1.1 30k\_SISO\_10MHz\_NTNV\_EIRP

1.1.1 Test Result

5G NR n48 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3555	Edge_1RB_Left	19.17	/	/	19.04	/	/	<=23	Pass
		Edge_1RB_Right	18.93	/	/	18.80	/	/	<=23	Pass
		Outer_Full	19.03	/	/	18.90	/	/	<=23	Pass
		Inner_Full	20.13	/	/	20.00	/	/	<=23	Pass
		Inner_1RB_Left	20.14	/	/	20.01	/	/	<=23	Pass
		Inner_1RB_Right	19.99	/	/	19.86	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	19.16	/	/	19.03	/	/	<=23	Pass
		Edge_1RB_Right	19.08	/	/	18.95	/	/	<=23	Pass
		Outer_Full	19.17	/	/	19.04	/	/	<=23	Pass
		Inner_Full	20.20	/	/	20.07	/	/	<=23	Pass
		Inner_1RB_Left	20.18	/	/	20.05	/	/	<=23	Pass
		Inner_1RB_Right	20.17	/	/	20.04	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	18.90	/	/	18.77	/	/	<=23	Pass
		Edge_1RB_Right	18.93	/	/	18.80	/	/	<=23	Pass
		Outer_Full	19.02	/	/	18.89	/	/	<=23	Pass
Inner_Full		19.93	/	/	19.80	/	/	<=23	Pass	
Inner_1RB_Left		19.97	/	/	19.84	/	/	<=23	Pass	
Inner_1RB_Right		20.04	/	/	19.91	/	/	<=23	Pass	
DFT-s-OFDM 16 QAM	3555	Edge_1RB_Left	18.20	/	/	18.07	/	/	<=23	Pass
		Edge_1RB_Right	17.83	/	/	17.70	/	/	<=23	Pass
		Outer_Full	18.21	/	/	18.08	/	/	<=23	Pass
		Inner_Full	19.09	/	/	18.96	/	/	<=23	Pass
		Inner_1RB_Left	19.14	/	/	19.01	/	/	<=23	Pass
		Inner_1RB_Right	19.11	/	/	18.98	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.84	/	/	17.71	/	/	<=23	Pass
		Edge_1RB_Right	18.05	/	/	17.92	/	/	<=23	Pass
		Outer_Full	18.15	/	/	18.02	/	/	<=23	Pass
		Inner_Full	19.16	/	/	19.03	/	/	<=23	Pass
		Inner_1RB_Left	19.27	/	/	19.14	/	/	<=23	Pass
		Inner_1RB_Right	19.16	/	/	19.03	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	17.93	/	/	17.80	/	/	<=23	Pass
		Edge_1RB_Right	17.92	/	/	17.79	/	/	<=23	Pass
		Outer_Full	18.03	/	/	17.90	/	/	<=23	Pass
Inner_Full		19.11	/	/	18.98	/	/	<=23	Pass	
Inner_1RB_Left		18.99	/	/	18.86	/	/	<=23	Pass	
Inner_1RB_Right		18.99	/	/	18.86	/	/	<=23	Pass	
DFT-s-OFDM 64 QAM	3555	Edge_1RB_Left	17.55	/	/	17.42	/	/	<=23	Pass
		Edge_1RB_Right	17.21	/	/	17.08	/	/	<=23	Pass
		Outer_Full	17.69	/	/	17.56	/	/	<=23	Pass
		Inner_Full	17.52	/	/	17.39	/	/	<=23	Pass
		Inner_1RB_Left	17.48	/	/	17.35	/	/	<=23	Pass
		Inner_1RB_Right	17.22	/	/	17.09	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.49	/	/	17.36	/	/	<=23	Pass
		Edge_1RB_Right	17.56	/	/	17.43	/	/	<=23	Pass
		Outer_Full	17.79	/	/	17.66	/	/	<=23	Pass
		Inner_Full	17.68	/	/	17.55	/	/	<=23	Pass
		Inner_1RB_Left	17.55	/	/	17.42	/	/	<=23	Pass

	3694.98	Inner_1RB_Right	17.47	/	/	17.34	/	/	<=23	Pass
		Edge_1RB_Left	17.38	/	/	17.25	/	/	<=23	Pass
		Edge_1RB_Right	17.29	/	/	17.16	/	/	<=23	Pass
		Outer_Full	17.45	/	/	17.32	/	/	<=23	Pass
		Inner_Full	17.38	/	/	17.25	/	/	<=23	Pass
		Inner_1RB_Left	17.28	/	/	17.15	/	/	<=23	Pass
		Inner_1RB_Right	17.40	/	/	17.27	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3555	Edge_1RB_Left	15.66	/	/	15.53	/	/	<=23	Pass
		Edge_1RB_Right	15.34	/	/	15.21	/	/	<=23	Pass
		Outer_Full	15.64	/	/	15.51	/	/	<=23	Pass
		Inner_Full	15.56	/	/	15.43	/	/	<=23	Pass
		Inner_1RB_Left	15.65	/	/	15.52	/	/	<=23	Pass
		Inner_1RB_Right	15.30	/	/	15.17	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	15.50	/	/	15.37	/	/	<=23	Pass
		Edge_1RB_Right	15.56	/	/	15.43	/	/	<=23	Pass
		Outer_Full	15.71	/	/	15.58	/	/	<=23	Pass
		Inner_Full	15.67	/	/	15.54	/	/	<=23	Pass
		Inner_1RB_Left	15.54	/	/	15.41	/	/	<=23	Pass
		Inner_1RB_Right	15.64	/	/	15.51	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	15.50	/	/	15.37	/	/	<=23	Pass
		Edge_1RB_Right	15.49	/	/	15.36	/	/	<=23	Pass
		Outer_Full	15.64	/	/	15.51	/	/	<=23	Pass
		Inner_Full	15.59	/	/	15.46	/	/	<=23	Pass
		Inner_1RB_Left	15.45	/	/	15.32	/	/	<=23	Pass
		Inner_1RB_Right	15.48	/	/	15.35	/	/	<=23	Pass
CP-OFDM QPSK	3555	Edge_1RB_Left	17.19	/	/	17.06	/	/	<=23	Pass
		Edge_1RB_Right	17.03	/	/	16.90	/	/	<=23	Pass
		Outer_Full	17.10	/	/	16.97	/	/	<=23	Pass
		Inner_Full	18.56	/	/	18.43	/	/	<=23	Pass
		Inner_1RB_Left	18.68	/	/	18.55	/	/	<=23	Pass
		Inner_1RB_Right	18.48	/	/	18.35	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.20	/	/	17.07	/	/	<=23	Pass
		Edge_1RB_Right	17.02	/	/	16.89	/	/	<=23	Pass
		Outer_Full	17.18	/	/	17.05	/	/	<=23	Pass
		Inner_Full	18.63	/	/	18.50	/	/	<=23	Pass
		Inner_1RB_Left	18.68	/	/	18.55	/	/	<=23	Pass
		Inner_1RB_Right	18.59	/	/	18.46	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	17.03	/	/	16.90	/	/	<=23	Pass
		Edge_1RB_Right	17.00	/	/	16.87	/	/	<=23	Pass
		Outer_Full	17.02	/	/	16.89	/	/	<=23	Pass
		Inner_Full	18.58	/	/	18.45	/	/	<=23	Pass
		Inner_1RB_Left	18.46	/	/	18.33	/	/	<=23	Pass
		Inner_1RB_Right	18.52	/	/	18.39	/	/	<=23	Pass
CP-OFDM 16 QAM	3555	Edge_1RB_Left	17.14	/	/	17.01	/	/	<=23	Pass
		Edge_1RB_Right	17.00	/	/	16.87	/	/	<=23	Pass
		Outer_Full	17.15	/	/	17.02	/	/	<=23	Pass
		Inner_Full	18.14	/	/	18.01	/	/	<=23	Pass
		Inner_1RB_Left	18.18	/	/	18.05	/	/	<=23	Pass
		Inner_1RB_Right	17.88	/	/	17.75	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.20	/	/	17.07	/	/	<=23	Pass
		Edge_1RB_Right	17.12	/	/	16.99	/	/	<=23	Pass
		Outer_Full	17.17	/	/	17.04	/	/	<=23	Pass
		Inner_Full	18.20	/	/	18.07	/	/	<=23	Pass
		Inner_1RB_Left	18.13	/	/	18.00	/	/	<=23	Pass
		Inner_1RB_Right	18.13	/	/	18.00	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	16.93	/	/	16.80	/	/	<=23	Pass
		Edge_1RB_Right	17.04	/	/	16.91	/	/	<=23	Pass
		Outer_Full	16.94	/	/	16.81	/	/	<=23	Pass
		Inner_Full	18.00	/	/	17.87	/	/	<=23	Pass

		Inner_1RB_Left	18.00	/	/	17.87	/	/	<=23	Pass
		Inner_1RB_Right	18.00	/	/	17.87	/	/	<=23	Pass
CP-OFDM 64 QAM	3555	Edge_1RB_Left	16.51	/	/	16.38	/	/	<=23	Pass
		Edge_1RB_Right	16.28	/	/	16.15	/	/	<=23	Pass
		Outer_Full	16.49	/	/	16.36	/	/	<=23	Pass
		Inner_Full	16.66	/	/	16.53	/	/	<=23	Pass
		Inner_1RB_Left	16.34	/	/	16.21	/	/	<=23	Pass
		Inner_1RB_Right	16.23	/	/	16.10	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	16.44	/	/	16.31	/	/	<=23	Pass
		Edge_1RB_Right	16.67	/	/	16.54	/	/	<=23	Pass
		Outer_Full	16.74	/	/	16.61	/	/	<=23	Pass
		Inner_Full	16.70	/	/	16.57	/	/	<=23	Pass
		Inner_1RB_Left	16.32	/	/	16.19	/	/	<=23	Pass
		Inner_1RB_Right	16.50	/	/	16.37	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	16.32	/	/	16.19	/	/	<=23	Pass
		Edge_1RB_Right	16.17	/	/	16.04	/	/	<=23	Pass
		Outer_Full	16.50	/	/	16.37	/	/	<=23	Pass
Inner_Full		16.31	/	/	16.18	/	/	<=23	Pass	
Inner_1RB_Left		16.40	/	/	16.27	/	/	<=23	Pass	
Inner_1RB_Right		16.46	/	/	16.33	/	/	<=23	Pass	
CP-OFDM 256 QAM	3555	Edge_1RB_Left	13.83	/	/	13.70	/	/	<=23	Pass
		Edge_1RB_Right	13.55	/	/	13.42	/	/	<=23	Pass
		Outer_Full	13.57	/	/	13.44	/	/	<=23	Pass
		Inner_Full	13.62	/	/	13.49	/	/	<=23	Pass
		Inner_1RB_Left	13.72	/	/	13.59	/	/	<=23	Pass
		Inner_1RB_Right	13.49	/	/	13.36	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	13.84	/	/	13.71	/	/	<=23	Pass
		Edge_1RB_Right	14.06	/	/	13.93	/	/	<=23	Pass
		Outer_Full	14.09	/	/	13.96	/	/	<=23	Pass
		Inner_Full	13.99	/	/	13.86	/	/	<=23	Pass
		Inner_1RB_Left	14.14	/	/	14.01	/	/	<=23	Pass
		Inner_1RB_Right	13.70	/	/	13.57	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	13.78	/	/	13.65	/	/	<=23	Pass
		Edge_1RB_Right	13.75	/	/	13.62	/	/	<=23	Pass
		Outer_Full	13.73	/	/	13.60	/	/	<=23	Pass
Inner_Full		13.87	/	/	13.74	/	/	<=23	Pass	
Inner_1RB_Left		13.69	/	/	13.56	/	/	<=23	Pass	
Inner_1RB_Right		13.73	/	/	13.60	/	/	<=23	Pass	
Note1: Antenna Gain: Ant1: -0.13dBi;										
Note2: EIRP=Conducted Power+Antenna Gain										

## 1.2 30k\_SISO\_20MHz\_NTNV\_EIRP

### 1.2.1 Test Result

5G NR n48 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3560.01	Edge_1RB_Left	19.37	/	/	19.24	/	/	<=23	Pass
		Edge_1RB_Right	18.99	/	/	18.86	/	/	<=23	Pass
		Outer_Full	19.20	/	/	19.07	/	/	<=23	Pass
		Inner_Full	20.15	/	/	20.02	/	/	<=23	Pass
		Inner_1RB_Left	20.35	/	/	20.22	/	/	<=23	Pass
		Inner_1RB_Right	20.01	/	/	19.88	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	19.17	/	/	19.04	/	/	<=23	Pass
		Edge_1RB_Right	19.20	/	/	19.07	/	/	<=23	Pass
		Outer_Full	19.19	/	/	19.06	/	/	<=23	Pass
		Inner_Full	20.31	/	/	20.18	/	/	<=23	Pass
		Inner_1RB_Left	20.13	/	/	20.00	/	/	<=23	Pass
		Inner_1RB_Right	20.27	/	/	20.14	/	/	<=23	Pass
	3690	Edge_1RB_Left	19.31	/	/	19.18	/	/	<=23	Pass
		Edge_1RB_Right	19.22	/	/	19.09	/	/	<=23	Pass
		Outer_Full	19.25	/	/	19.12	/	/	<=23	Pass
Inner_Full		20.16	/	/	20.03	/	/	<=23	Pass	
Inner_1RB_Left		20.32	/	/	20.19	/	/	<=23	Pass	
Inner_1RB_Right		20.02	/	/	19.89	/	/	<=23	Pass	
DFT-s-OFDM 16 QAM	3560.01	Edge_1RB_Left	18.29	/	/	18.16	/	/	<=23	Pass
		Edge_1RB_Right	17.95	/	/	17.82	/	/	<=23	Pass
		Outer_Full	18.17	/	/	18.04	/	/	<=23	Pass
		Inner_Full	19.18	/	/	19.05	/	/	<=23	Pass
		Inner_1RB_Left	19.30	/	/	19.17	/	/	<=23	Pass
		Inner_1RB_Right	19.00	/	/	18.87	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.21	/	/	18.08	/	/	<=23	Pass
		Edge_1RB_Right	18.24	/	/	18.11	/	/	<=23	Pass
		Outer_Full	18.34	/	/	18.21	/	/	<=23	Pass
		Inner_Full	19.28	/	/	19.15	/	/	<=23	Pass
		Inner_1RB_Left	19.10	/	/	18.97	/	/	<=23	Pass
		Inner_1RB_Right	19.13	/	/	19.00	/	/	<=23	Pass
	3690	Edge_1RB_Left	18.16	/	/	18.03	/	/	<=23	Pass
		Edge_1RB_Right	18.09	/	/	17.96	/	/	<=23	Pass
		Outer_Full	18.19	/	/	18.06	/	/	<=23	Pass
Inner_Full		19.19	/	/	19.06	/	/	<=23	Pass	
Inner_1RB_Left		19.20	/	/	19.07	/	/	<=23	Pass	
Inner_1RB_Right		19.12	/	/	18.99	/	/	<=23	Pass	
DFT-s-OFDM 64 QAM	3560.01	Edge_1RB_Left	17.77	/	/	17.64	/	/	<=23	Pass
		Edge_1RB_Right	17.40	/	/	17.27	/	/	<=23	Pass
		Outer_Full	17.55	/	/	17.42	/	/	<=23	Pass
		Inner_Full	17.69	/	/	17.56	/	/	<=23	Pass
		Inner_1RB_Left	17.65	/	/	17.52	/	/	<=23	Pass
		Inner_1RB_Right	17.42	/	/	17.29	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.53	/	/	17.40	/	/	<=23	Pass
		Edge_1RB_Right	17.45	/	/	17.32	/	/	<=23	Pass
		Outer_Full	17.78	/	/	17.65	/	/	<=23	Pass
		Inner_Full	17.89	/	/	17.76	/	/	<=23	Pass
		Inner_1RB_Left	17.53	/	/	17.40	/	/	<=23	Pass
		Inner_1RB_Right	17.70	/	/	17.57	/	/	<=23	Pass
3690	Edge_1RB_Left	17.58	/	/	17.45	/	/	<=23	Pass	





CP-OFDM 64 QAM	3560.01	Edge_1RB_Left	16.61	/	/	16.48	/	/	<=23	Pass
		Edge_1RB_Right	16.25	/	/	16.12	/	/	<=23	Pass
		Outer_Full	16.66	/	/	16.53	/	/	<=23	Pass
		Inner_Full	16.55	/	/	16.42	/	/	<=23	Pass
		Inner_1RB_Left	16.94	/	/	16.81	/	/	<=23	Pass
		Inner_1RB_Right	16.35	/	/	16.22	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	16.44	/	/	16.31	/	/	<=23	Pass
		Edge_1RB_Right	16.80	/	/	16.67	/	/	<=23	Pass
		Outer_Full	16.72	/	/	16.59	/	/	<=23	Pass
		Inner_Full	16.89	/	/	16.76	/	/	<=23	Pass
		Inner_1RB_Left	16.49	/	/	16.36	/	/	<=23	Pass
		Inner_1RB_Right	16.75	/	/	16.62	/	/	<=23	Pass
	3690	Edge_1RB_Left	16.71	/	/	16.58	/	/	<=23	Pass
		Edge_1RB_Right	16.28	/	/	16.15	/	/	<=23	Pass
		Outer_Full	16.71	/	/	16.58	/	/	<=23	Pass
Inner_Full		16.69	/	/	16.56	/	/	<=23	Pass	
Inner_1RB_Left		16.52	/	/	16.39	/	/	<=23	Pass	
Inner_1RB_Right		16.51	/	/	16.38	/	/	<=23	Pass	
CP-OFDM 256 QAM	3560.01	Edge_1RB_Left	14.01	/	/	13.88	/	/	<=23	Pass
		Edge_1RB_Right	13.71	/	/	13.58	/	/	<=23	Pass
		Outer_Full	13.78	/	/	13.65	/	/	<=23	Pass
		Inner_Full	13.67	/	/	13.54	/	/	<=23	Pass
		Inner_1RB_Left	13.96	/	/	13.83	/	/	<=23	Pass
		Inner_1RB_Right	13.79	/	/	13.66	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	13.97	/	/	13.84	/	/	<=23	Pass
		Edge_1RB_Right	14.07	/	/	13.94	/	/	<=23	Pass
		Outer_Full	14.00	/	/	13.87	/	/	<=23	Pass
		Inner_Full	14.04	/	/	13.91	/	/	<=23	Pass
		Inner_1RB_Left	14.09	/	/	13.96	/	/	<=23	Pass
		Inner_1RB_Right	14.14	/	/	14.01	/	/	<=23	Pass
	3690	Edge_1RB_Left	13.97	/	/	13.84	/	/	<=23	Pass
		Edge_1RB_Right	13.84	/	/	13.71	/	/	<=23	Pass
		Outer_Full	13.94	/	/	13.81	/	/	<=23	Pass
Inner_Full		13.88	/	/	13.75	/	/	<=23	Pass	
Inner_1RB_Left		13.95	/	/	13.82	/	/	<=23	Pass	
Inner_1RB_Right		14.13	/	/	14.00	/	/	<=23	Pass	
Note1: Antenna Gain: Ant1: -0.13dBi; Note2: EIRP=Conducted Power+Antenna Gain										

### 1.3 30k\_SISO\_40MHz\_NTNV\_EIRP

#### 1.3.1 Test Result

5G NR n48 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	3570	Edge_1RB_Left	19.58	/	/	19.45	/	/	<=23	Pass
		Edge_1RB_Right	19.44	/	/	19.31	/	/	<=23	Pass
		Outer_Full	19.32	/	/	19.19	/	/	<=23	Pass
		Inner_Full	20.32	/	/	20.19	/	/	<=23	Pass
		Inner_1RB_Left	20.45	/	/	20.32	/	/	<=23	Pass
		Inner_1RB_Right	20.43	/	/	20.30	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	19.45	/	/	19.32	/	/	<=23	Pass
		Edge_1RB_Right	19.26	/	/	19.13	/	/	<=23	Pass
		Outer_Full	19.29	/	/	19.16	/	/	<=23	Pass
		Inner_Full	20.47	/	/	20.34	/	/	<=23	Pass
		Inner_1RB_Left	20.19	/	/	20.06	/	/	<=23	Pass
		Inner_1RB_Right	20.12	/	/	19.99	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	19.18	/	/	19.05	/	/	<=23	Pass
		Edge_1RB_Right	19.30	/	/	19.17	/	/	<=23	Pass
		Outer_Full	19.33	/	/	19.20	/	/	<=23	Pass
Inner_Full		20.33	/	/	20.20	/	/	<=23	Pass	
Inner_1RB_Left		20.29	/	/	20.16	/	/	<=23	Pass	
Inner_1RB_Right		20.30	/	/	20.17	/	/	<=23	Pass	
DFT-s-OFDM 16 QAM	3570	Edge_1RB_Left	18.60	/	/	18.47	/	/	<=23	Pass
		Edge_1RB_Right	18.32	/	/	18.19	/	/	<=23	Pass
		Outer_Full	18.25	/	/	18.12	/	/	<=23	Pass
		Inner_Full	19.37	/	/	19.24	/	/	<=23	Pass
		Inner_1RB_Left	19.42	/	/	19.29	/	/	<=23	Pass
		Inner_1RB_Right	19.19	/	/	19.06	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	18.18	/	/	18.05	/	/	<=23	Pass
		Edge_1RB_Right	18.15	/	/	18.02	/	/	<=23	Pass
		Outer_Full	18.39	/	/	18.26	/	/	<=23	Pass
		Inner_Full	19.28	/	/	19.15	/	/	<=23	Pass
		Inner_1RB_Left	19.14	/	/	19.01	/	/	<=23	Pass
		Inner_1RB_Right	19.14	/	/	19.01	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	18.27	/	/	18.14	/	/	<=23	Pass
		Edge_1RB_Right	18.20	/	/	18.07	/	/	<=23	Pass
		Outer_Full	18.34	/	/	18.21	/	/	<=23	Pass
Inner_Full		19.33	/	/	19.20	/	/	<=23	Pass	
Inner_1RB_Left		19.23	/	/	19.10	/	/	<=23	Pass	
Inner_1RB_Right		19.14	/	/	19.01	/	/	<=23	Pass	
DFT-s-OFDM 64 QAM	3570	Edge_1RB_Left	17.63	/	/	17.50	/	/	<=23	Pass
		Edge_1RB_Right	17.84	/	/	17.71	/	/	<=23	Pass
		Outer_Full	17.83	/	/	17.70	/	/	<=23	Pass
		Inner_Full	17.69	/	/	17.56	/	/	<=23	Pass
		Inner_1RB_Left	17.75	/	/	17.62	/	/	<=23	Pass
		Inner_1RB_Right	17.78	/	/	17.65	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.66	/	/	17.53	/	/	<=23	Pass
		Edge_1RB_Right	17.40	/	/	17.27	/	/	<=23	Pass
		Outer_Full	17.79	/	/	17.66	/	/	<=23	Pass
		Inner_Full	17.94	/	/	17.81	/	/	<=23	Pass
		Inner_1RB_Left	17.58	/	/	17.45	/	/	<=23	Pass
		Inner_1RB_Right	17.45	/	/	17.32	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	17.62	/	/	17.49	/	/	<=23	Pass
		Edge_1RB_Right	17.49	/	/	17.36	/	/	<=23	Pass
		Outer_Full	17.86	/	/	17.73	/	/	<=23	Pass

		Inner_Full	17.88	/	/	17.75	/	/	<=23	Pass
		Inner_1RB_Left	17.66	/	/	17.53	/	/	<=23	Pass
		Inner_1RB_Right	17.57	/	/	17.44	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3570	Edge_1RB_Left	15.83	/	/	15.70	/	/	<=23	Pass
		Edge_1RB_Right	15.86	/	/	15.73	/	/	<=23	Pass
		Outer_Full	15.79	/	/	15.66	/	/	<=23	Pass
		Inner_Full	15.76	/	/	15.63	/	/	<=23	Pass
		Inner_1RB_Left	15.83	/	/	15.70	/	/	<=23	Pass
		Inner_1RB_Right	15.90	/	/	15.77	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	15.84	/	/	15.71	/	/	<=23	Pass
		Edge_1RB_Right	15.68	/	/	15.55	/	/	<=23	Pass
		Outer_Full	15.98	/	/	15.85	/	/	<=23	Pass
		Inner_Full	15.81	/	/	15.68	/	/	<=23	Pass
		Inner_1RB_Left	15.72	/	/	15.59	/	/	<=23	Pass
	3679.98	Inner_1RB_Right	15.58	/	/	15.45	/	/	<=23	Pass
		Edge_1RB_Left	15.79	/	/	15.66	/	/	<=23	Pass
		Edge_1RB_Right	15.57	/	/	15.44	/	/	<=23	Pass
		Outer_Full	15.84	/	/	15.71	/	/	<=23	Pass
Inner_Full		15.79	/	/	15.66	/	/	<=23	Pass	
Inner_1RB_Left		15.82	/	/	15.69	/	/	<=23	Pass	
		Inner_1RB_Right	15.60	/	/	15.47	/	/	<=23	Pass
CP-OFDM QPSK	3570	Edge_1RB_Left	17.37	/	/	17.24	/	/	<=23	Pass
		Edge_1RB_Right	17.35	/	/	17.22	/	/	<=23	Pass
		Outer_Full	17.27	/	/	17.14	/	/	<=23	Pass
		Inner_Full	18.79	/	/	18.66	/	/	<=23	Pass
		Inner_1RB_Left	18.91	/	/	18.78	/	/	<=23	Pass
		Inner_1RB_Right	18.86	/	/	18.73	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.21	/	/	17.08	/	/	<=23	Pass
		Edge_1RB_Right	17.14	/	/	17.01	/	/	<=23	Pass
		Outer_Full	17.36	/	/	17.23	/	/	<=23	Pass
		Inner_Full	18.93	/	/	18.80	/	/	<=23	Pass
		Inner_1RB_Left	18.61	/	/	18.48	/	/	<=23	Pass
	3679.98	Inner_1RB_Right	18.63	/	/	18.50	/	/	<=23	Pass
		Edge_1RB_Left	17.38	/	/	17.25	/	/	<=23	Pass
		Edge_1RB_Right	17.20	/	/	17.07	/	/	<=23	Pass
		Outer_Full	17.44	/	/	17.31	/	/	<=23	Pass
Inner_Full		18.85	/	/	18.72	/	/	<=23	Pass	
Inner_1RB_Left		18.88	/	/	18.75	/	/	<=23	Pass	
		Inner_1RB_Right	18.73	/	/	18.60	/	/	<=23	Pass
CP-OFDM 16 QAM	3570	Edge_1RB_Left	17.43	/	/	17.30	/	/	<=23	Pass
		Edge_1RB_Right	17.45	/	/	17.32	/	/	<=23	Pass
		Outer_Full	17.29	/	/	17.16	/	/	<=23	Pass
		Inner_Full	18.26	/	/	18.13	/	/	<=23	Pass
		Inner_1RB_Left	18.50	/	/	18.37	/	/	<=23	Pass
		Inner_1RB_Right	18.44	/	/	18.31	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.20	/	/	17.07	/	/	<=23	Pass
		Edge_1RB_Right	17.25	/	/	17.12	/	/	<=23	Pass
		Outer_Full	17.29	/	/	17.16	/	/	<=23	Pass
		Inner_Full	18.40	/	/	18.27	/	/	<=23	Pass
		Inner_1RB_Left	18.33	/	/	18.20	/	/	<=23	Pass
		Inner_1RB_Right	18.14	/	/	18.01	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	17.39	/	/	17.26	/	/	<=23	Pass
		Edge_1RB_Right	17.18	/	/	17.05	/	/	<=23	Pass
		Outer_Full	17.36	/	/	17.23	/	/	<=23	Pass
Inner_Full		18.42	/	/	18.29	/	/	<=23	Pass	
Inner_1RB_Left		18.36	/	/	18.23	/	/	<=23	Pass	
Inner_1RB_Right		18.28	/	/	18.15	/	/	<=23	Pass	
CP-OFDM 64 QAM	3570	Edge_1RB_Left	16.81	/	/	16.68	/	/	<=23	Pass
		Edge_1RB_Right	16.82	/	/	16.69	/	/	<=23	Pass

		Outer_Full	16.80	/	/	16.67	/	/	<=23	Pass	
		Inner_Full	16.71	/	/	16.58	/	/	<=23	Pass	
		Inner_1RB_Left	16.89	/	/	16.76	/	/	<=23	Pass	
		Inner_1RB_Right	16.62	/	/	16.49	/	/	<=23	Pass	
	3624.99	Edge_1RB_Left	16.51	/	/	16.38	/	/	<=23	Pass	
		Edge_1RB_Right	16.61	/	/	16.48	/	/	<=23	Pass	
		Outer_Full	16.81	/	/	16.68	/	/	<=23	Pass	
		Inner_Full	16.95	/	/	16.82	/	/	<=23	Pass	
	3679.98	Inner_1RB_Left	16.72	/	/	16.59	/	/	<=23	Pass	
		Inner_1RB_Right	16.66	/	/	16.53	/	/	<=23	Pass	
		Edge_1RB_Left	16.59	/	/	16.46	/	/	<=23	Pass	
		Edge_1RB_Right	16.64	/	/	16.51	/	/	<=23	Pass	
	CP-OFDM 256 QAM	3570	Outer_Full	17.01	/	/	16.88	/	/	<=23	Pass
			Inner_Full	16.89	/	/	16.76	/	/	<=23	Pass
			Inner_1RB_Left	16.49	/	/	16.36	/	/	<=23	Pass
Inner_1RB_Right			16.71	/	/	16.58	/	/	<=23	Pass	
3624.99		Edge_1RB_Left	13.95	/	/	13.82	/	/	<=23	Pass	
		Edge_1RB_Right	14.09	/	/	13.96	/	/	<=23	Pass	
		Outer_Full	13.86	/	/	13.73	/	/	<=23	Pass	
		Inner_Full	13.89	/	/	13.76	/	/	<=23	Pass	
3679.98		Inner_1RB_Left	14.14	/	/	14.01	/	/	<=23	Pass	
		Inner_1RB_Right	14.14	/	/	14.01	/	/	<=23	Pass	
		Edge_1RB_Left	13.85	/	/	13.72	/	/	<=23	Pass	
		Edge_1RB_Right	13.96	/	/	13.83	/	/	<=23	Pass	
		3624.99	Outer_Full	14.08	/	/	13.95	/	/	<=23	Pass
			Inner_Full	14.13	/	/	14.00	/	/	<=23	Pass
			Inner_1RB_Left	14.04	/	/	13.91	/	/	<=23	Pass
	Inner_1RB_Right		14.03	/	/	13.90	/	/	<=23	Pass	
	3679.98	Edge_1RB_Left	14.12	/	/	13.99	/	/	<=23	Pass	
		Edge_1RB_Right	13.99	/	/	13.86	/	/	<=23	Pass	
		Outer_Full	14.12	/	/	13.99	/	/	<=23	Pass	
		Inner_Full	14.04	/	/	13.91	/	/	<=23	Pass	
		Inner_1RB_Left	14.16	/	/	14.03	/	/	<=23	Pass	
		Inner_1RB_Right	14.14	/	/	14.01	/	/	<=23	Pass	
Note1: Antenna Gain: Ant1: -0.13dBi;											
Note2: EIRP=Conducted Power+Antenna Gain											