

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B48_5MHz_EIRP

Band: 48 / Bandwidth: 5MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3552.5	1	0	20.68	3.31	23.99	/	Pass
			13	20.56	3.31	23.87	/	Pass
			24	20.42	3.31	23.73	/	Pass
		12	0	19.74	3.31	23.05	/	Pass
			6	19.69	3.31	23.00	/	Pass
			13	19.62	3.31	22.93	/	Pass
		25	0	19.68	3.31	22.99	/	Pass
	3625	1	0	20.35	3.31	23.66	/	Pass
			13	20.47	3.31	23.78	/	Pass
			24	20.43	3.31	23.74	/	Pass
		12	0	19.52	3.31	22.83	/	Pass
			6	19.50	3.31	22.81	/	Pass
			13	19.46	3.31	22.77	/	Pass
		25	0	19.46	3.31	22.77	/	Pass
	3697.5	1	0	20.42	3.31	23.73	/	Pass
			13	20.42	3.31	23.73	/	Pass
			24	20.32	3.31	23.63	/	Pass
		12	0	19.47	3.31	22.78	/	Pass
			6	19.37	3.31	22.68	/	Pass
			13	19.33	3.31	22.64	/	Pass
		25	0	19.41	3.31	22.72	/	Pass
16QAM	3552.5	1	0	19.82	3.31	23.13	/	Pass
			13	19.91	3.31	23.22	/	Pass
			24	19.58	3.31	22.89	/	Pass
		12	0	18.71	3.31	22.02	/	Pass
			6	18.70	3.31	22.01	/	Pass
			13	18.65	3.31	21.96	/	Pass
		25	0	18.64	3.31	21.95	/	Pass
	3625	1	0	19.54	3.31	22.85	/	Pass
			13	19.55	3.31	22.86	/	Pass
			24	19.25	3.31	22.56	/	Pass
		12	0	18.51	3.31	21.82	/	Pass
			6	18.58	3.31	21.89	/	Pass
			13	18.51	3.31	21.82	/	Pass
		25	0	18.50	3.31	21.81	/	Pass
	3697.5	1	0	19.50	3.31	22.81	/	Pass
			13	19.76	3.31	23.07	/	Pass
			24	19.63	3.31	22.94	/	Pass
		12	0	18.50	3.31	21.81	/	Pass
			6	18.48	3.31	21.79	/	Pass
			13	18.42	3.31	21.73	/	Pass
		25	0	18.50	3.31	21.81	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B48_5MHz_EIRP/10MHz

Band: 48 / Bandwidth: 5MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict	
		Size	Offset			Result	Limit		
QPSK	3552.5	1	0	18.96	3.31	22.27	<=23	Pass	
			13	19.14	3.31	22.45	<=23	Pass	
			24	18.94	3.31	22.25	<=23	Pass	
		12	0	17.91	3.31	21.22	<=23	Pass	
			6	17.93	3.31	21.24	<=23	Pass	
			13	18.05	3.31	21.36	<=23	Pass	
		25	0	18.09	3.31	21.40	<=23	Pass	
		3625	1	0	17.43	3.31	20.74	<=23	Pass
				13	17.62	3.31	20.93	<=23	Pass
	24			17.76	3.31	21.07	<=23	Pass	
	12		0	17.00	3.31	20.31	<=23	Pass	
			6	16.41	3.31	19.72	<=23	Pass	
			13	15.98	3.31	19.29	<=23	Pass	
	25	0	17.36	3.31	20.67	<=23	Pass		
	3697.5	1	0	17.38	3.31	20.69	<=23	Pass	
			13	17.82	3.31	21.13	<=23	Pass	
			24	17.62	3.31	20.93	<=23	Pass	
		12	0	17.00	3.31	20.31	<=23	Pass	
			6	16.55	3.31	19.86	<=23	Pass	
			13	17.24	3.31	20.55	<=23	Pass	
		25	0	16.85	3.31	20.16	<=23	Pass	
16QAM		3552.5	1	0	18.07	3.31	21.38	<=23	Pass
				13	18.09	3.31	21.40	<=23	Pass
	24			17.92	3.31	21.23	<=23	Pass	
	12		0	16.91	3.31	20.22	<=23	Pass	
			6	17.04	3.31	20.35	<=23	Pass	
			13	17.03	3.31	20.34	<=23	Pass	
	25		0	17.10	3.31	20.41	<=23	Pass	
	3625		1	0	16.27	3.31	19.58	<=23	Pass
				13	16.56	3.31	19.87	<=23	Pass
		24		16.45	3.31	19.76	<=23	Pass	
		12	0	15.97	3.31	19.28	<=23	Pass	
			6	15.66	3.31	18.97	<=23	Pass	
			13	15.62	3.31	18.93	<=23	Pass	
	25	0	15.62	3.31	18.93	<=23	Pass		
	3697.5	1	0	16.63	3.31	19.94	<=23	Pass	
			13	17.02	3.31	20.33	<=23	Pass	
			24	17.38	3.31	20.69	<=23	Pass	
		12	0	16.43	3.31	19.74	<=23	Pass	
			6	15.46	3.31	18.77	<=23	Pass	
			13	16.06	3.31	19.37	<=23	Pass	
		25	0	14.89	3.31	18.20	<=23	Pass	
Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15									

1.1.3 B48_10MHz_EIRP

Band: 48 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3555	1	0	20.71	3.31	24.02	/	Pass
			25	20.49	3.31	23.80	/	Pass
			49	20.42	3.31	23.73	/	Pass
		25	0	19.64	3.31	22.95	/	Pass
			13	19.55	3.31	22.86	/	Pass
			25	19.50	3.31	22.81	/	Pass

		50	0	19.59	3.31	22.90	/	Pass
	3625	1	0	20.41	3.31	23.72	/	Pass
			25	20.46	3.31	23.77	/	Pass
			49	20.41	3.31	23.72	/	Pass
			0	19.51	3.31	22.82	/	Pass
		25	13	19.51	3.31	22.82	/	Pass
			25	19.41	3.31	22.72	/	Pass
	50	0	19.42	3.31	22.73	/	Pass	
	3695	1	0	20.34	3.31	23.65	/	Pass
			25	20.46	3.31	23.77	/	Pass
			49	20.22	3.31	23.53	/	Pass
		25	0	19.38	3.31	22.69	/	Pass
			13	19.37	3.31	22.68	/	Pass
			25	19.37	3.31	22.68	/	Pass
50	0	19.32	3.31	22.63	/	Pass		
16QAM	3555	1	0	19.72	3.31	23.03	/	Pass
			25	19.54	3.31	22.85	/	Pass
			49	19.24	3.31	22.55	/	Pass
		25	0	18.72	3.31	22.03	/	Pass
			13	18.58	3.31	21.89	/	Pass
			25	18.53	3.31	21.84	/	Pass
		50	0	18.60	3.31	21.91	/	Pass
	3625	1	0	19.42	3.31	22.73	/	Pass
			25	19.38	3.31	22.69	/	Pass
			49	19.66	3.31	22.97	/	Pass
		25	0	18.49	3.31	21.80	/	Pass
			13	18.50	3.31	21.81	/	Pass
			25	18.44	3.31	21.75	/	Pass
	50	0	18.51	3.31	21.82	/	Pass	
	3695	1	0	19.29	3.31	22.60	/	Pass
			25	19.22	3.31	22.53	/	Pass
			49	19.17	3.31	22.48	/	Pass
		25	0	18.42	3.31	21.73	/	Pass
			13	18.48	3.31	21.79	/	Pass
			25	18.42	3.31	21.73	/	Pass
	50	0	18.43	3.31	21.74	/	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B48_10MHz_EIRP/10MHz

Band: 48 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3555	1	0	18.99	3.31	22.30	<=23	Pass
			25	19.05	3.31	22.36	<=23	Pass
			49	19.11	3.31	22.42	<=23	Pass
		25	0	18.41	3.31	21.72	<=23	Pass
			13	18.16	3.31	21.47	<=23	Pass
			25	18.18	3.31	21.49	<=23	Pass
		50	0	18.29	3.31	21.60	<=23	Pass
	3625	1	0	17.84	3.31	21.15	<=23	Pass
			25	17.72	3.31	21.03	<=23	Pass
			49	17.66	3.31	20.97	<=23	Pass
		25	0	16.75	3.31	20.06	<=23	Pass
			13	16.61	3.31	19.92	<=23	Pass
			25	16.42	3.31	19.73	<=23	Pass
	50	0		16.76	3.31	20.07	<=23	Pass

	3695	1	0	17.64	3.31	20.95	<=23	Pass		
			25	17.35	3.31	20.66	<=23	Pass		
			49	17.58	3.31	20.89	<=23	Pass		
		25	0	16.57	3.31	19.88	<=23	Pass		
			13	16.55	3.31	19.86	<=23	Pass		
			25	16.35	3.31	19.66	<=23	Pass		
		50	0	16.80	3.31	20.11	<=23	Pass		
		16QAM	3555	1	0	18.21	3.31	21.52	<=23	Pass
					25	18.25	3.31	21.56	<=23	Pass
49	18.18				3.31	21.49	<=23	Pass		
25	0			17.20	3.31	20.51	<=23	Pass		
	13			17.13	3.31	20.44	<=23	Pass		
	25			17.26	3.31	20.57	<=23	Pass		
50	0			17.18	3.31	20.49	<=23	Pass		
3625	1			0	16.61	3.31	19.92	<=23	Pass	
				25	15.98	3.31	19.29	<=23	Pass	
			49	16.05	3.31	19.36	<=23	Pass		
	25		0	15.51	3.31	18.82	<=23	Pass		
			13	15.44	3.31	18.75	<=23	Pass		
			25	15.29	3.31	18.60	<=23	Pass		
	50		0	15.49	3.31	18.80	<=23	Pass		
	3695		1	0	16.45	3.31	19.76	<=23	Pass	
				25	16.77	3.31	20.08	<=23	Pass	
49				16.60	3.31	19.91	<=23	Pass		
25			0	15.54	3.31	18.85	<=23	Pass		
		13	15.71	3.31	19.02	<=23	Pass			
		25	15.96	3.31	19.27	<=23	Pass			
50		0	15.39	3.31	18.70	<=23	Pass			
Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15										

1.1.5 B48_15MHz_EIRP

Band: 48 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3557.5	1	0	20.65	3.31	23.96	/	Pass
			38	20.36	3.31	23.67	/	Pass
			74	20.53	3.31	23.84	/	Pass
		36	0	19.53	3.31	22.84	/	Pass
			18	19.46	3.31	22.77	/	Pass
			39	19.41	3.31	22.72	/	Pass
		75	0	19.48	3.31	22.79	/	Pass
	3625	1	0	20.39	3.31	23.70	/	Pass
			38	20.43	3.31	23.74	/	Pass
			74	20.50	3.31	23.81	/	Pass
		36	0	19.37	3.31	22.68	/	Pass
			18	19.47	3.31	22.78	/	Pass
			39	19.46	3.31	22.77	/	Pass
		75	0	19.44	3.31	22.75	/	Pass
	3692.5	1	0	20.38	3.31	23.69	/	Pass
			38	20.41	3.31	23.72	/	Pass
			74	20.34	3.31	23.65	/	Pass
		36	0	19.40	3.31	22.71	/	Pass
			18	19.48	3.31	22.79	/	Pass
			39	19.41	3.31	22.72	/	Pass
		75	0	19.43	3.31	22.74	/	Pass
16QAM	3557.5	1	0	19.52	3.31	22.83	/	Pass

		36	38	19.51	3.31	22.82	/	Pass
			74	19.71	3.31	23.02	/	Pass
			0	18.56	3.31	21.87	/	Pass
			18	18.47	3.31	21.78	/	Pass
			39	18.48	3.31	21.79	/	Pass
			75	0	3.31	21.84	/	Pass
	3625	1	0	19.30	3.31	22.61	/	Pass
			38	19.52	3.31	22.83	/	Pass
			74	19.92	3.31	23.23	/	Pass
		36	0	18.43	3.31	21.74	/	Pass
			18	18.43	3.31	21.74	/	Pass
			39	18.48	3.31	21.79	/	Pass
		75	0	18.42	3.31	21.73	/	Pass
			0	19.12	3.31	22.43	/	Pass
			38	19.20	3.31	22.51	/	Pass
	3692.5	1	74	19.28	3.31	22.59	/	Pass
			0	18.42	3.31	21.73	/	Pass
			18	18.44	3.31	21.75	/	Pass
		36	39	18.40	3.31	21.71	/	Pass
			0	18.42	3.31	21.73	/	Pass
			75	0	3.31	21.73	/	Pass
			0	18.42	3.31	21.73	/	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B48_15MHz_EIRP/10MHz

Band: 48 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3557.5	1	0	18.97	3.31	22.28	<=23	Pass
			38	18.83	3.31	22.14	<=23	Pass
			74	18.90	3.31	22.21	<=23	Pass
		36	0	18.00	3.31	21.31	<=23	Pass
			18	17.84	3.31	21.15	<=23	Pass
			39	18.04	3.31	21.35	<=23	Pass
		75	0	16.71	3.31	20.02	<=23	Pass
	3625	1	0	17.82	3.31	21.13	<=23	Pass
			38	17.56	3.31	20.87	<=23	Pass
			74	17.62	3.31	20.93	<=23	Pass
		36	0	16.59	3.31	19.90	<=23	Pass
			18	16.43	3.31	19.74	<=23	Pass
			39	16.57	3.31	19.88	<=23	Pass
		75	0	15.44	3.31	18.75	<=23	Pass
	3692.5	1	0	17.48	3.31	20.79	<=23	Pass
			38	17.61	3.31	20.92	<=23	Pass
			74	17.81	3.31	21.12	<=23	Pass
		36	0	16.72	3.31	20.03	<=23	Pass
			18	16.38	3.31	19.69	<=23	Pass
			39	16.69	3.31	20.00	<=23	Pass
		75	0	15.25	3.31	18.56	<=23	Pass
16QAM	3557.5	1	0	17.96	3.31	21.27	<=23	Pass
			38	18.13	3.31	21.44	<=23	Pass
			74	18.14	3.31	21.45	<=23	Pass
		36	0	17.04	3.31	20.35	<=23	Pass
			18	17.22	3.31	20.53	<=23	Pass
			39	17.01	3.31	20.32	<=23	Pass
		75	0	15.77	3.31	19.08	<=23	Pass
	3625	1	0	16.79	3.31	20.10	<=23	Pass
			38	16.89	3.31	20.20	<=23	Pass

		36	74	16.70	3.31	20.01	<=23	Pass
			0	15.67	3.31	18.98	<=23	Pass
			18	15.70	3.31	19.01	<=23	Pass
			39	15.45	3.31	18.76	<=23	Pass
	3692.5	75	0	14.45	3.31	17.76	<=23	Pass
			0	16.50	3.31	19.81	<=23	Pass
			38	16.68	3.31	19.99	<=23	Pass
		36	74	16.80	3.31	20.11	<=23	Pass
			0	15.56	3.31	18.87	<=23	Pass
			18	15.73	3.31	19.04	<=23	Pass
			39	15.37	3.31	18.68	<=23	Pass
		75	0	14.51	3.31	17.82	<=23	Pass

Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15

1.1.7 B48_20MHz_EIRP

Band: 48 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3560	1	0	20.64	3.31	23.95	/	Pass
			50	20.37	3.31	23.68	/	Pass
			99	20.69	3.31	24.00	/	Pass
		50	0	19.59	3.31	22.90	/	Pass
			25	19.54	3.31	22.85	/	Pass
			50	19.59	3.31	22.90	/	Pass
		100	0	19.57	3.31	22.88	/	Pass
	3625	1	0	20.24	3.31	23.55	/	Pass
			50	20.41	3.31	23.72	/	Pass
			99	20.54	3.31	23.85	/	Pass
		50	0	19.46	3.31	22.77	/	Pass
			25	19.51	3.31	22.82	/	Pass
			50	19.49	3.31	22.80	/	Pass
		100	0	19.42	3.31	22.73	/	Pass
	3690	1	0	20.19	3.31	23.50	/	Pass
			50	20.28	3.31	23.59	/	Pass
			99	20.14	3.31	23.45	/	Pass
		50	0	19.29	3.31	22.60	/	Pass
			25	19.42	3.31	22.73	/	Pass
			50	19.42	3.31	22.73	/	Pass
		100	0	19.29	3.31	22.60	/	Pass
16QAM	3560	1	0	19.70	3.31	23.01	/	Pass
			50	19.67	3.31	22.98	/	Pass
			99	19.75	3.31	23.06	/	Pass
		50	0	18.58	3.31	21.89	/	Pass
			25	18.53	3.31	21.84	/	Pass
			50	18.61	3.31	21.92	/	Pass
		100	0	18.56	3.31	21.87	/	Pass
	3625	1	0	18.94	3.31	22.25	/	Pass
			50	19.46	3.31	22.77	/	Pass
			99	19.64	3.31	22.95	/	Pass
		50	0	18.45	3.31	21.76	/	Pass
			25	18.47	3.31	21.78	/	Pass
			50	18.49	3.31	21.80	/	Pass
		100	0	18.50	3.31	21.81	/	Pass
	3690	1	0	19.02	3.31	22.33	/	Pass
			50	19.01	3.31	22.32	/	Pass
			99	18.98	3.31	22.29	/	Pass

		50	0	18.35	3.31	21.66	/	Pass
			25	18.45	3.31	21.76	/	Pass
			50	18.52	3.31	21.83	/	Pass
		100	0	18.38	3.31	21.69	/	Pass

Note1: EIRP=Conducted Power+Antenna Gain

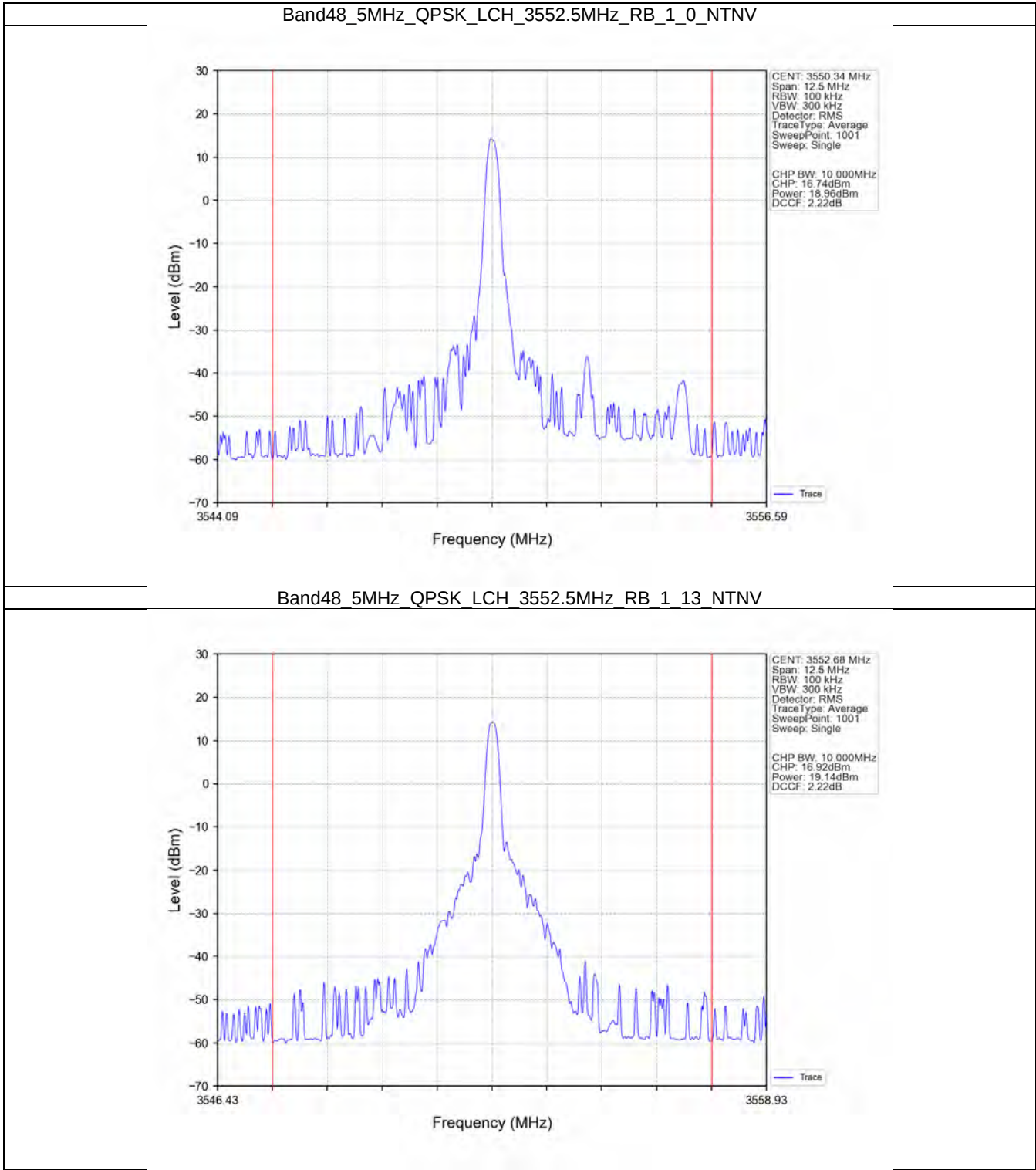
1.1.8 B48_20MHz_EIRP/10MHz

Band: 48 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3560	1	0	19.09	3.31	22.40	<=23	Pass
			50	19.09	3.31	22.40	<=23	Pass
			99	18.63	3.31	21.94	<=23	Pass
		50	0	18.16	3.31	21.47	<=23	Pass
			25	18.33	3.31	21.64	<=23	Pass
			50	18.06	3.31	21.37	<=23	Pass
		100	0	15.70	3.31	19.01	<=23	Pass
	3625	1	0	18.39	3.31	21.70	<=23	Pass
			50	18.07	3.31	21.38	<=23	Pass
			99	17.58	3.31	20.89	<=23	Pass
		50	0	16.58	3.31	19.89	<=23	Pass
			25	16.80	3.31	20.11	<=23	Pass
			50	16.51	3.31	19.82	<=23	Pass
		100	0	14.47	3.31	17.78	<=23	Pass
	3690	1	0	17.80	3.31	21.11	<=23	Pass
			50	17.04	3.31	20.35	<=23	Pass
			99	17.54	3.31	20.85	<=23	Pass
		50	0	16.22	3.31	19.53	<=23	Pass
			25	16.40	3.31	19.71	<=23	Pass
			50	16.65	3.31	19.96	<=23	Pass
		100	0	14.05	3.31	17.36	<=23	Pass
16QAM	3560	1	0	18.35	3.31	21.66	<=23	Pass
			50	18.47	3.31	21.78	<=23	Pass
			99	17.91	3.31	21.22	<=23	Pass
		50	0	17.09	3.31	20.40	<=23	Pass
			25	17.16	3.31	20.47	<=23	Pass
			50	16.91	3.31	20.22	<=23	Pass
		100	0	14.60	3.31	17.91	<=23	Pass
	3625	1	0	16.40	3.31	19.71	<=23	Pass
			50	16.71	3.31	20.02	<=23	Pass
			99	16.46	3.31	19.77	<=23	Pass
		50	0	15.60	3.31	18.91	<=23	Pass
			25	15.27	3.31	18.58	<=23	Pass
			50	15.49	3.31	18.80	<=23	Pass
		100	0	12.92	3.31	16.23	<=23	Pass
	3690	1	0	16.40	3.31	19.71	<=23	Pass
			50	16.59	3.31	19.90	<=23	Pass
			99	16.59	3.31	19.90	<=23	Pass
		50	0	15.40	3.31	18.71	<=23	Pass
			25	15.61	3.31	18.92	<=23	Pass
			50	15.38	3.31	18.69	<=23	Pass
		100	0	13.05	3.31	16.36	<=23	Pass

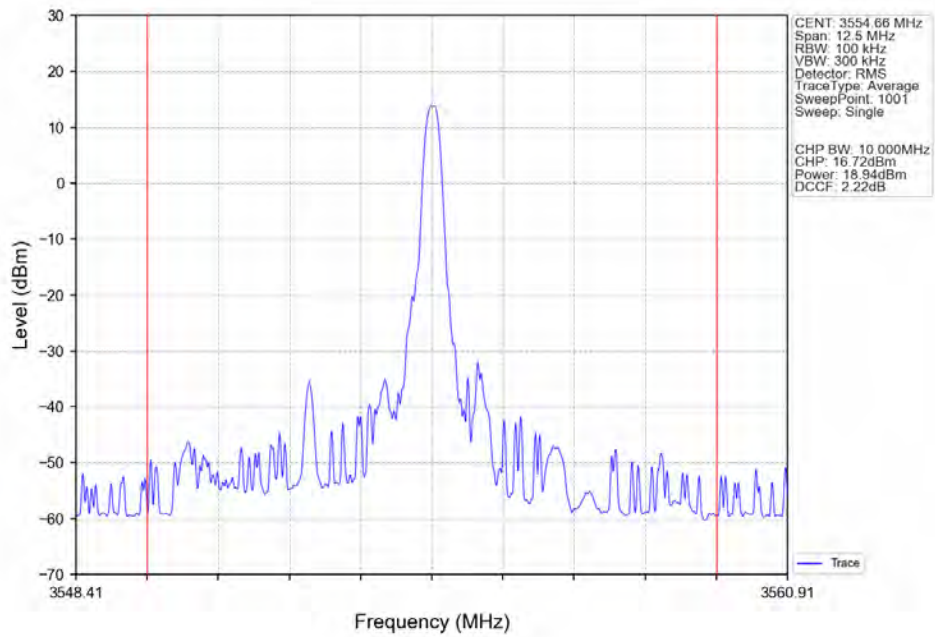
Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15

1.2 Test Graph

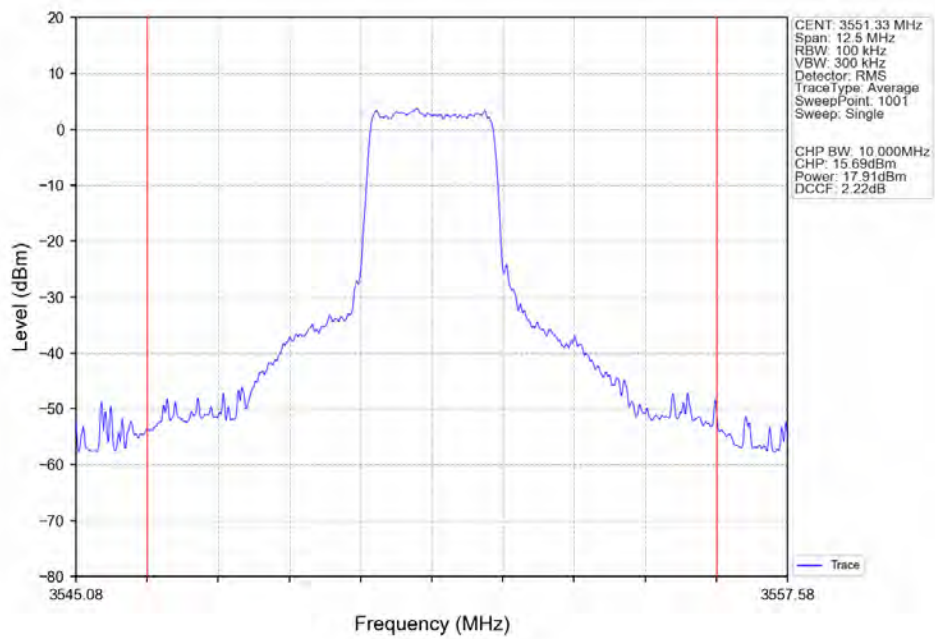
1.2.1 B48_5MHz_EIRP/10MHz



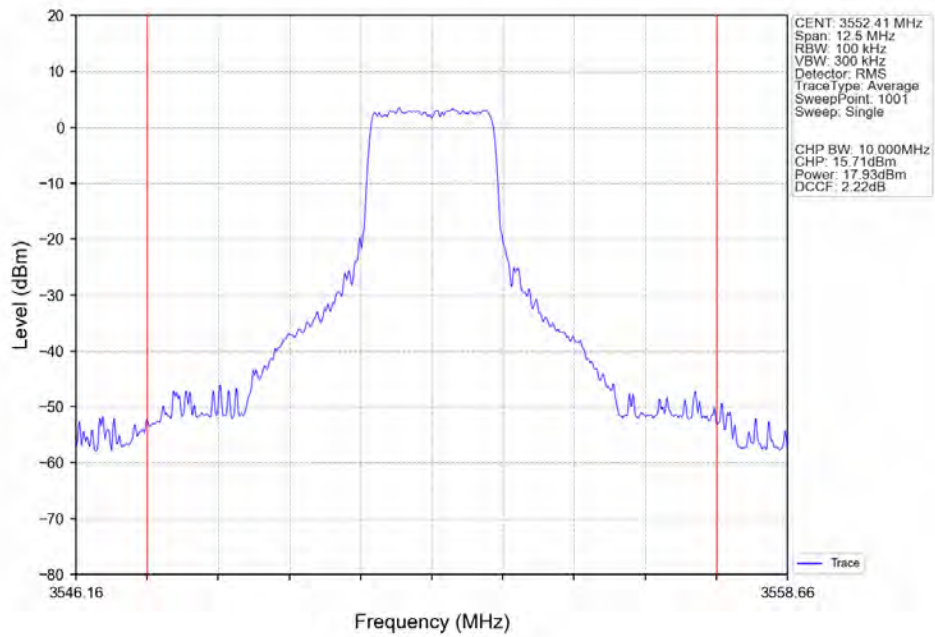
Band48 5MHz QPSK LCH 3552.5MHz RB 1 24 NTNV



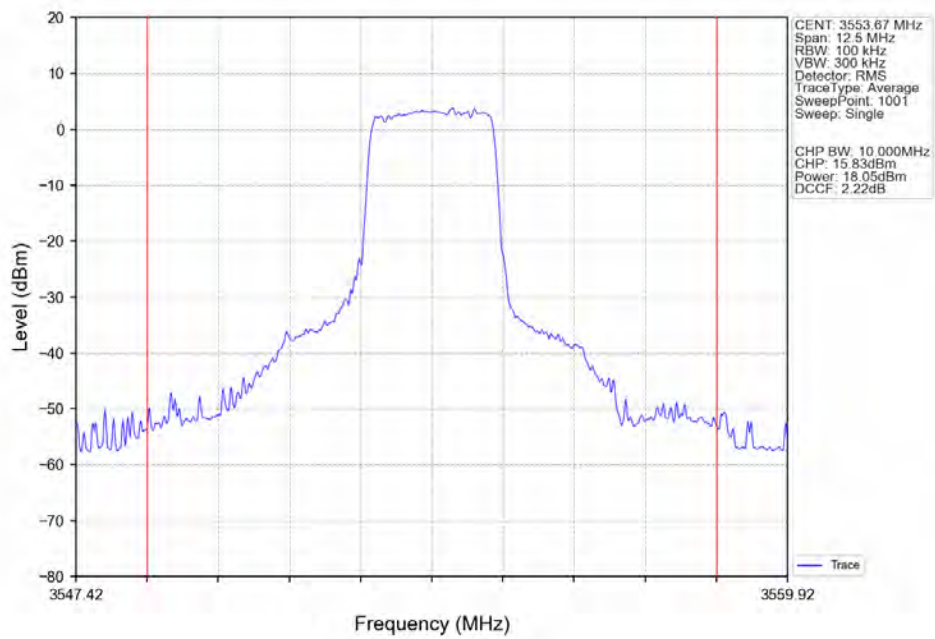
Band48 5MHz QPSK LCH 3552.5MHz RB 12 0 NTNV



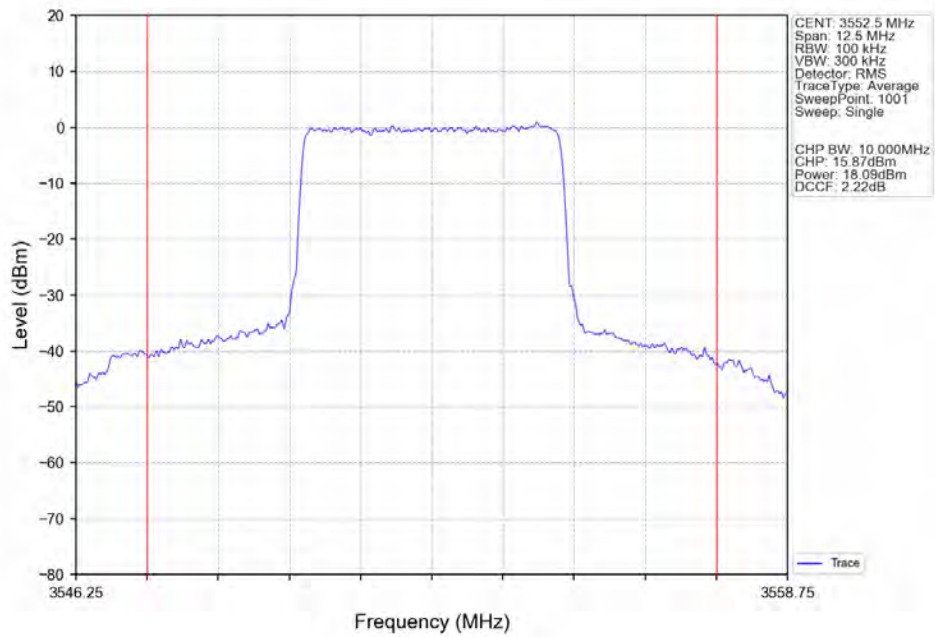
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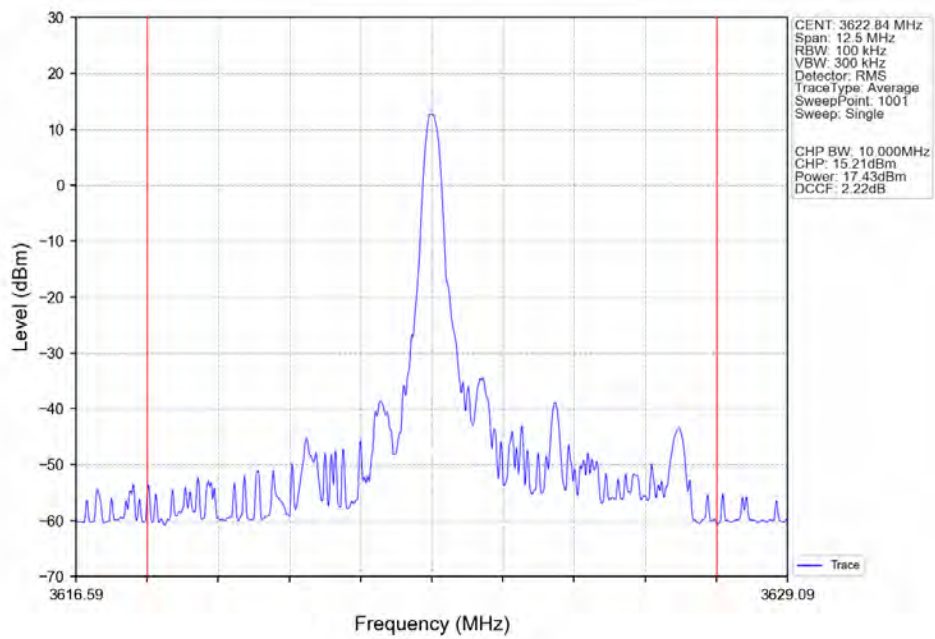
Band48 5MHz QPSK LCH 3552.5MHz RB 12 13 NTNV



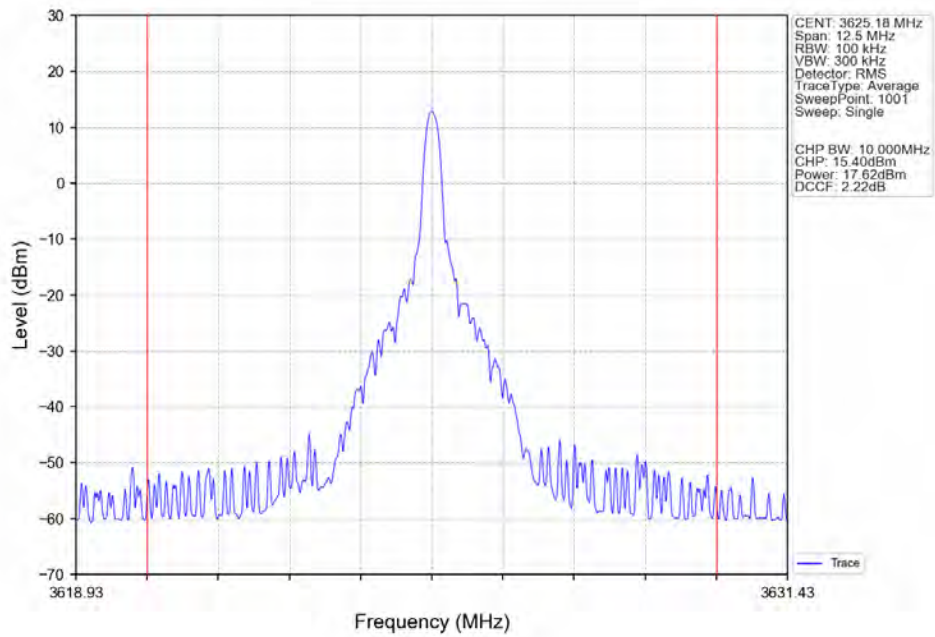
Band48 5MHz QPSK LCH 3552.5MHz RB 25 0 NTNV



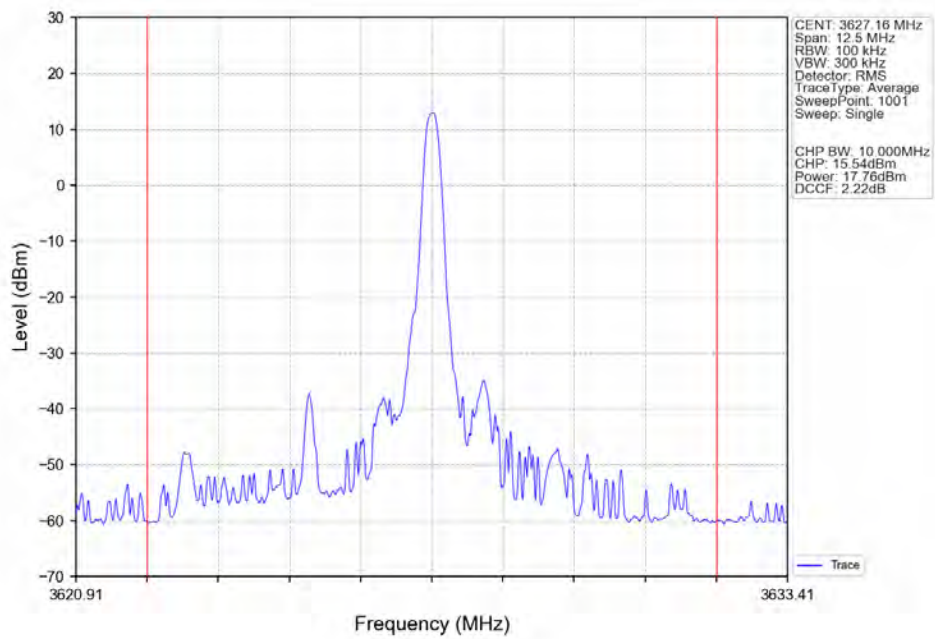
Band48 5MHz QPSK MCH 3625MHz RB 1 0 NTNV



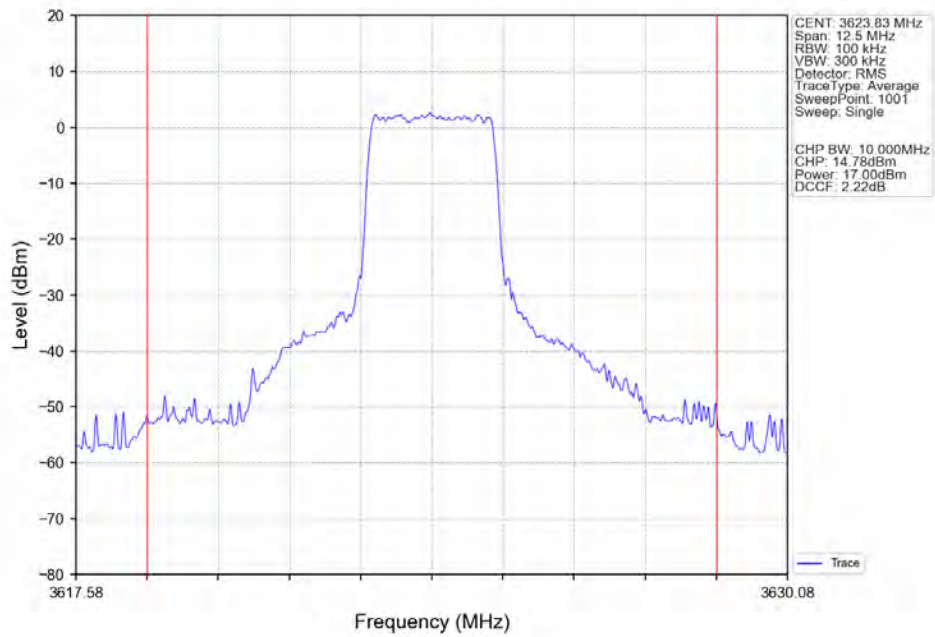
Band48 5MHz QPSK MCH 3625MHz RB 1 13 NTNV



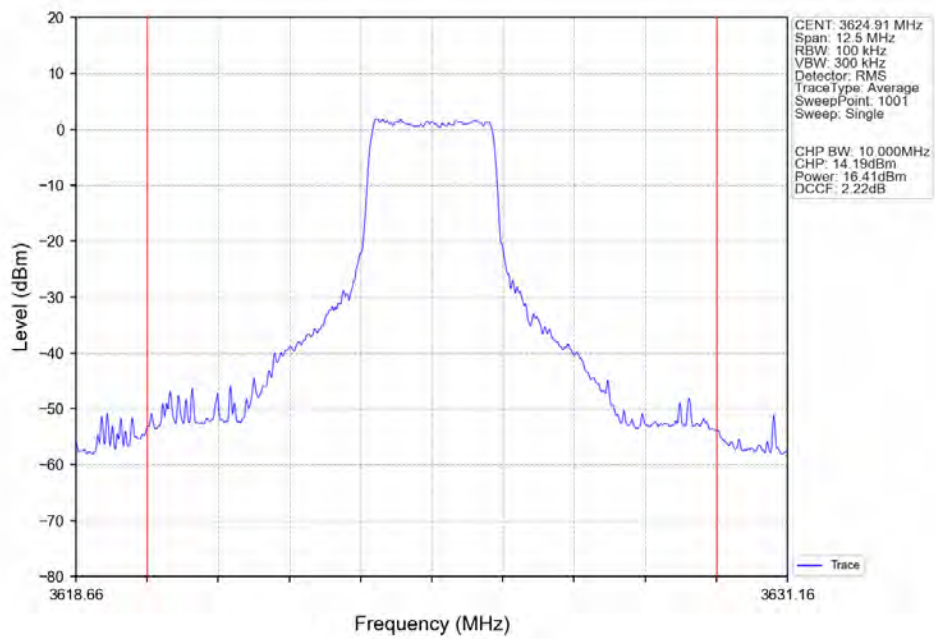
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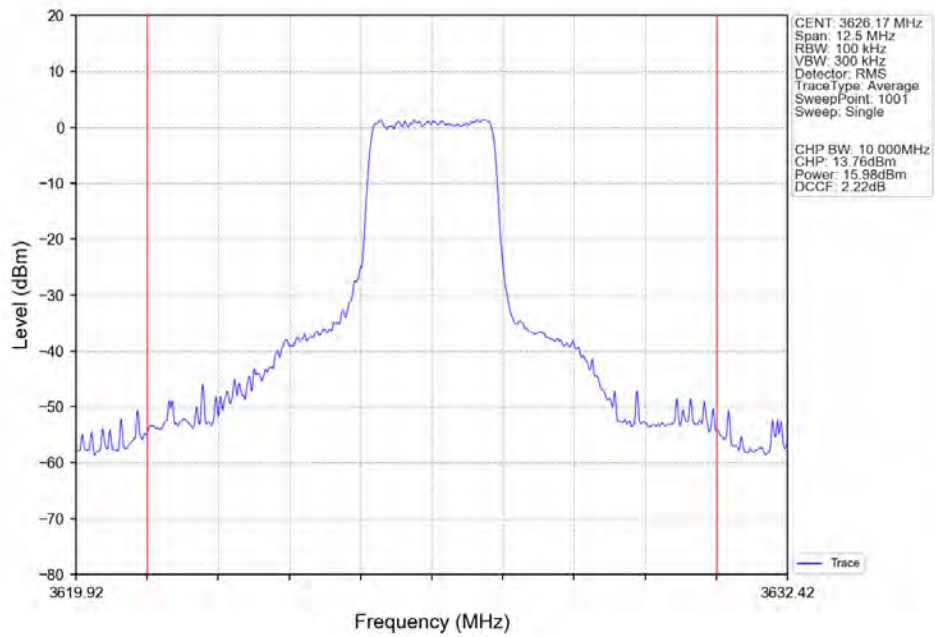
Band48 5MHz QPSK MCH 3625MHz RB 12 0 NTNV



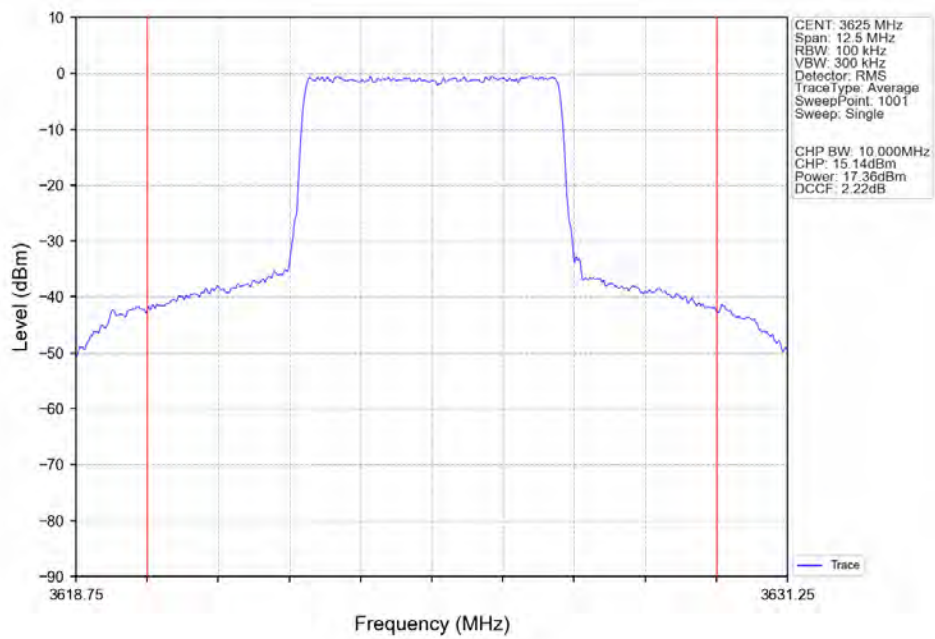
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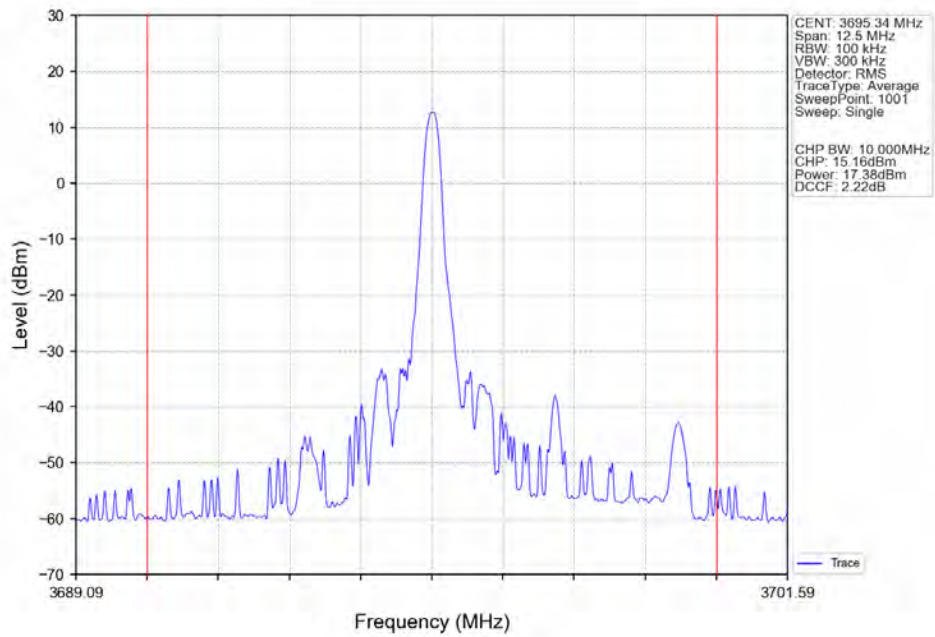
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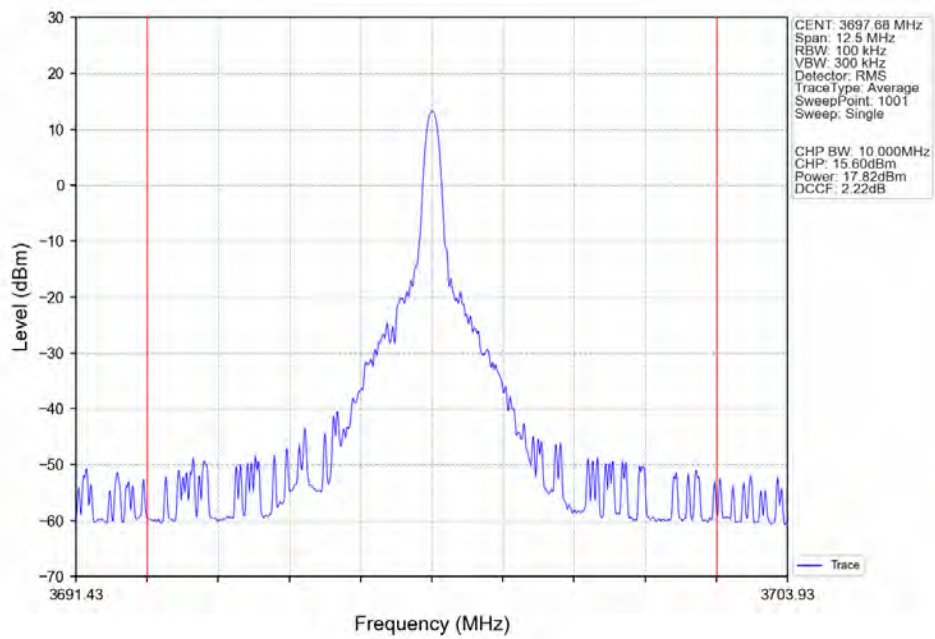
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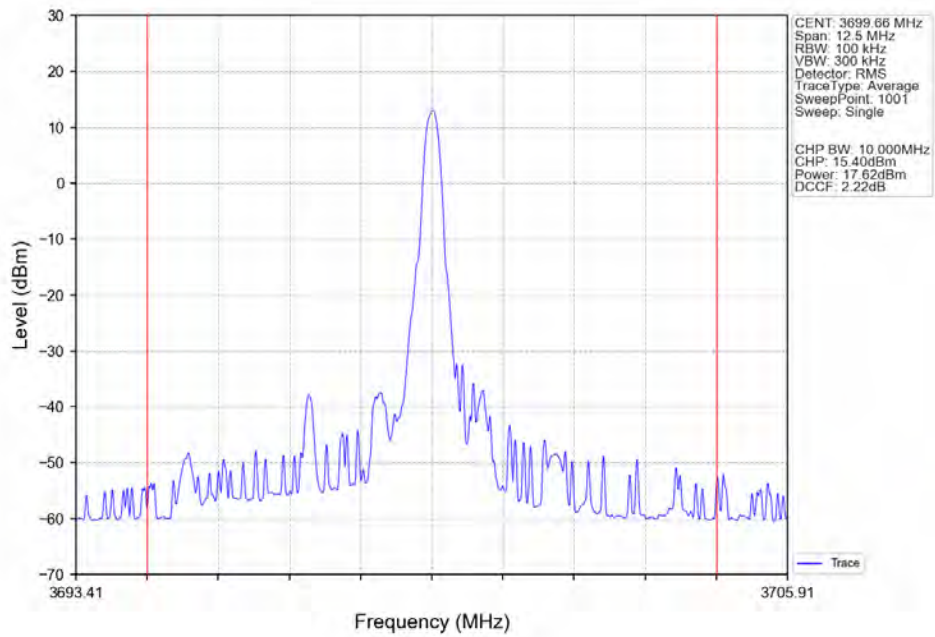
Band48 5MHz QPSK HCH 3697.5MHz RB 1 0 NTNV



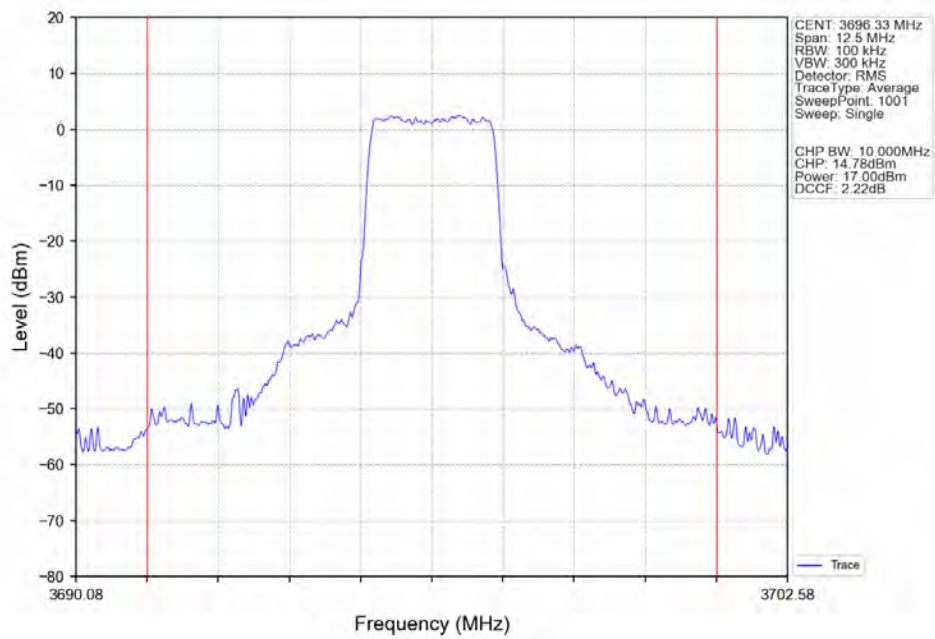
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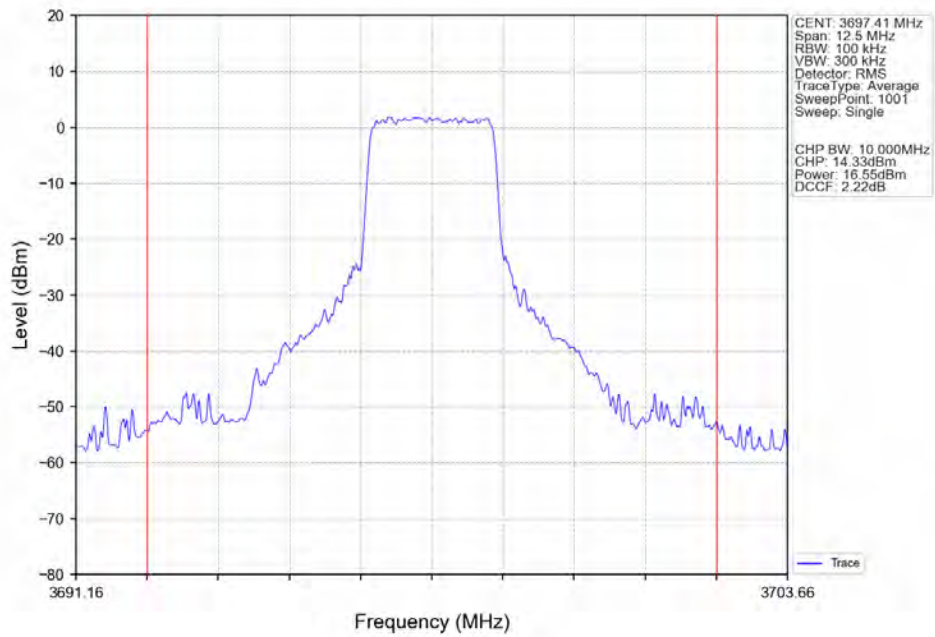
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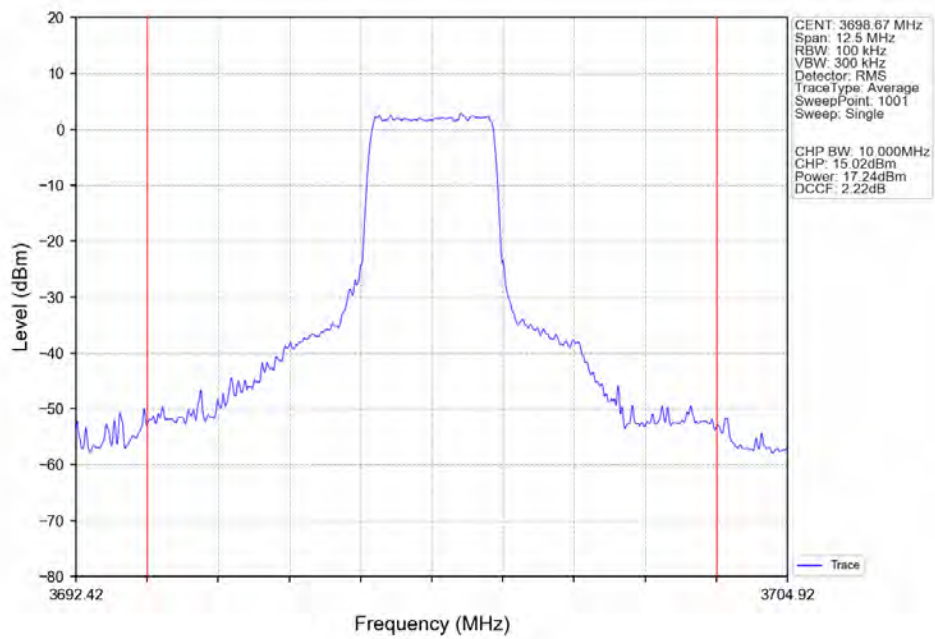
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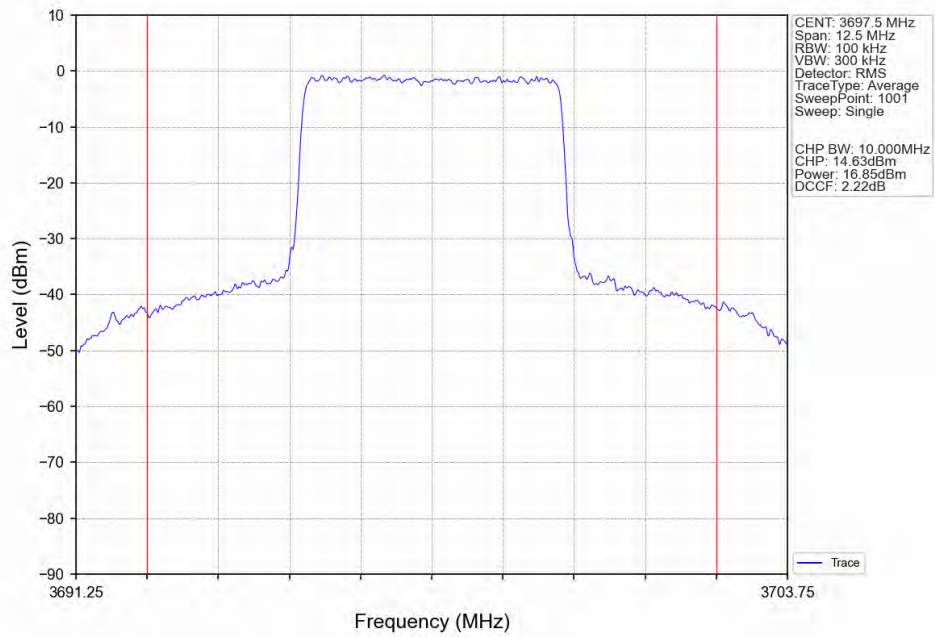
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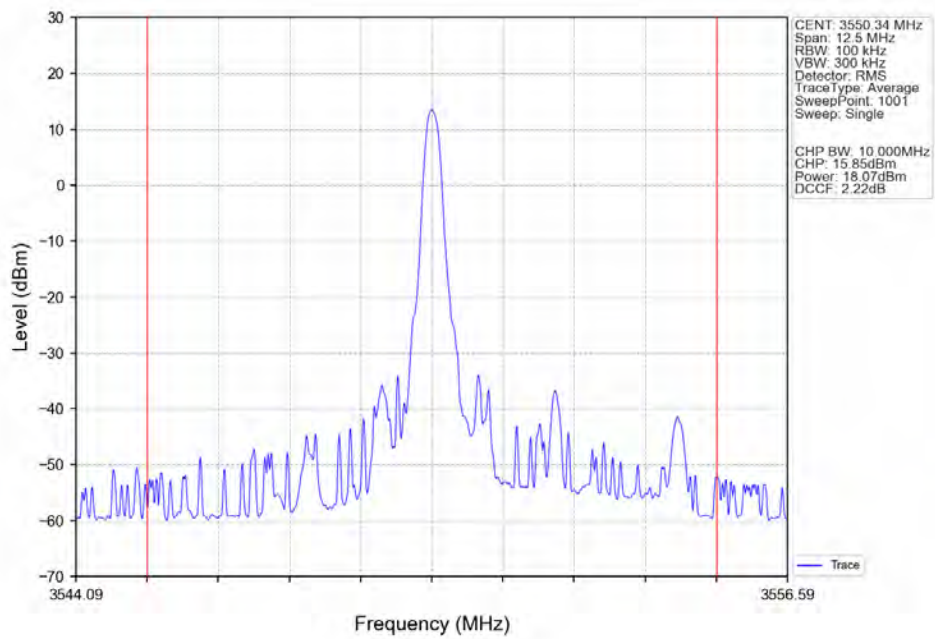
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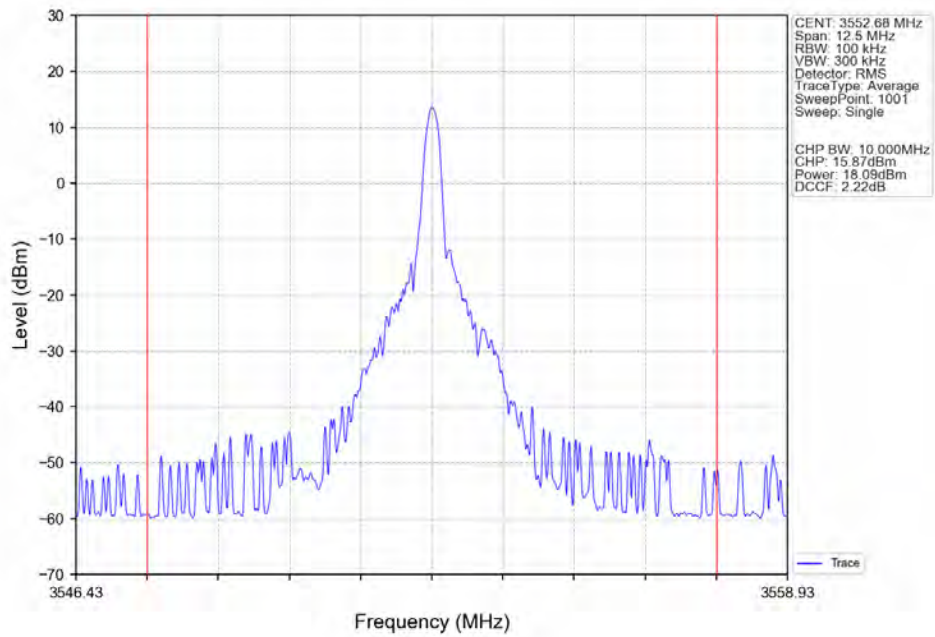
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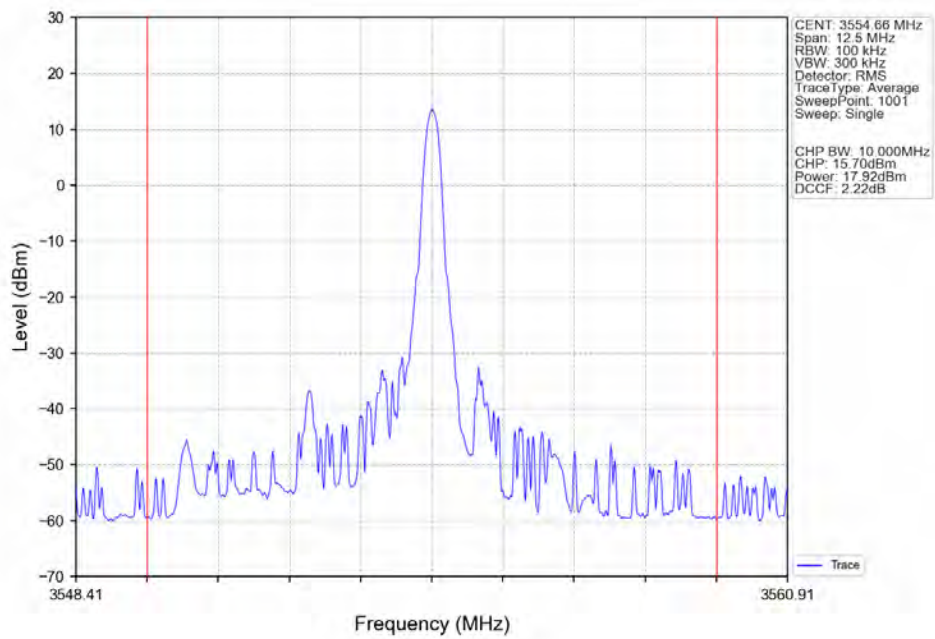
Band48 5MHz 16QAM LCH 3552.5MHz RB 1 0 NTNV



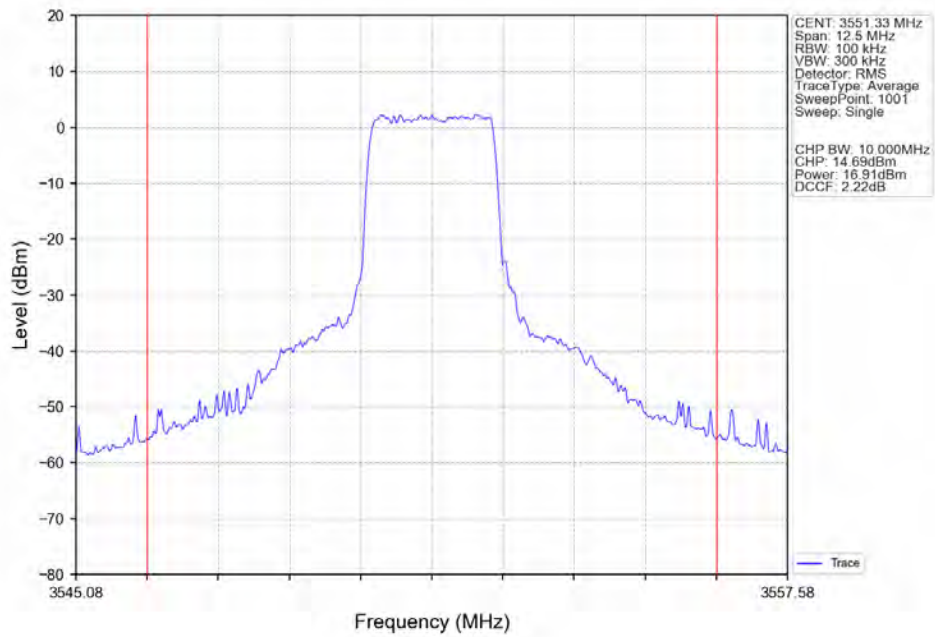
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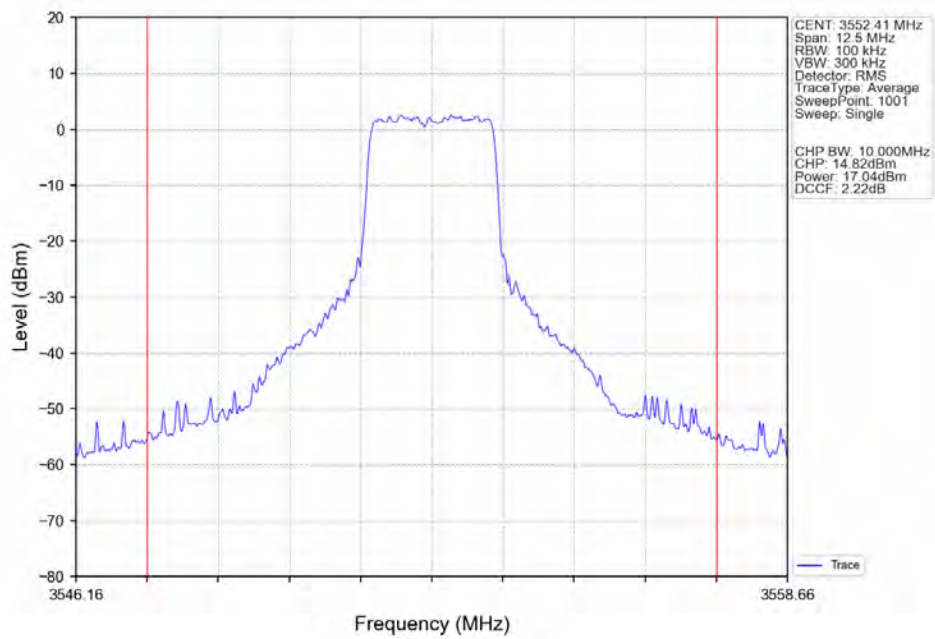
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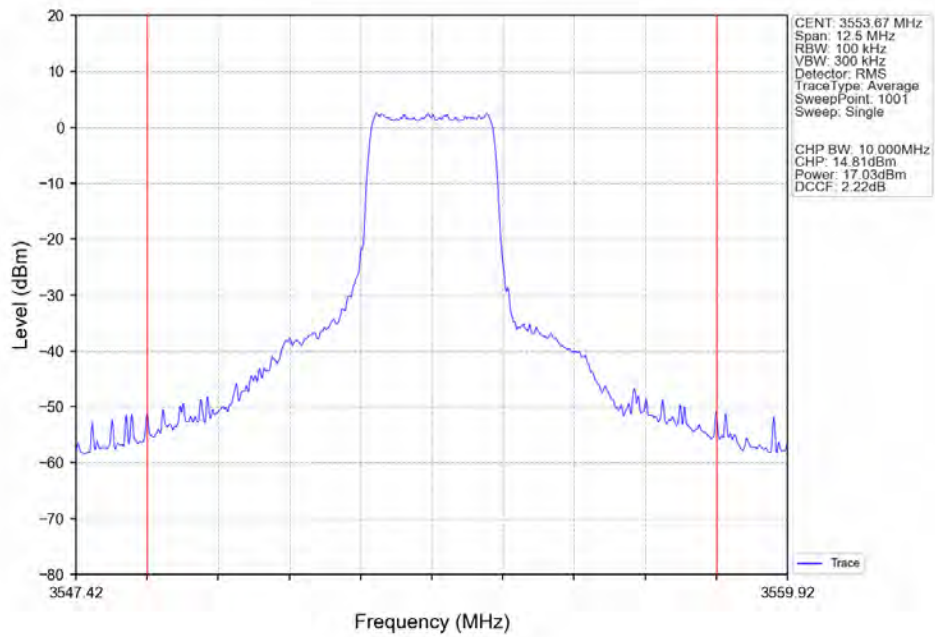
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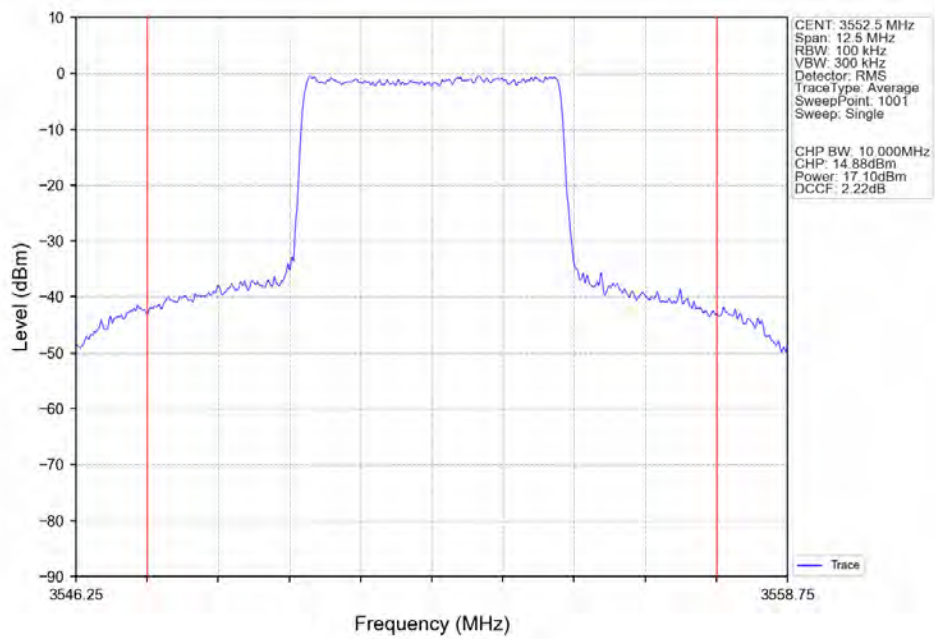
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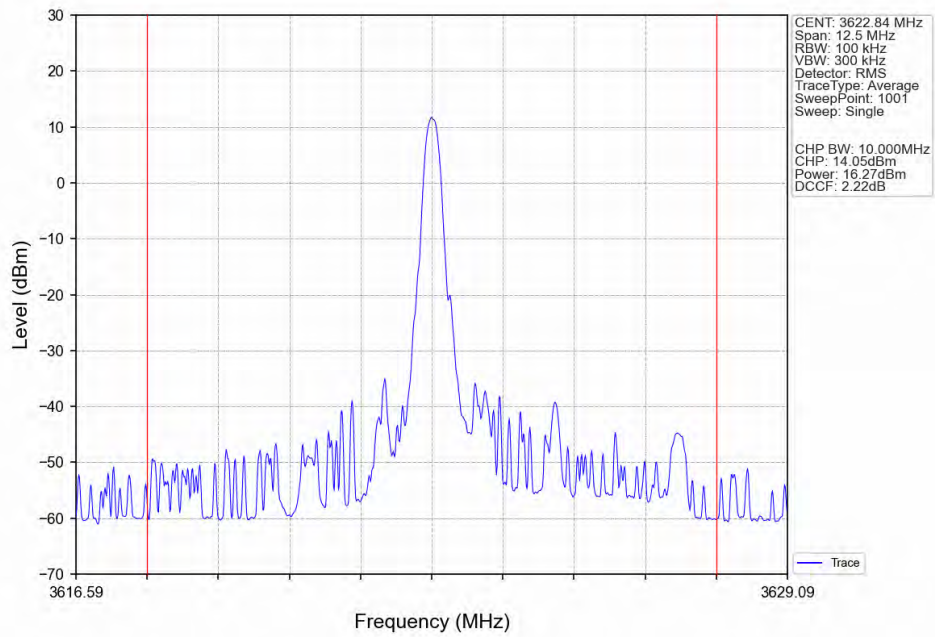
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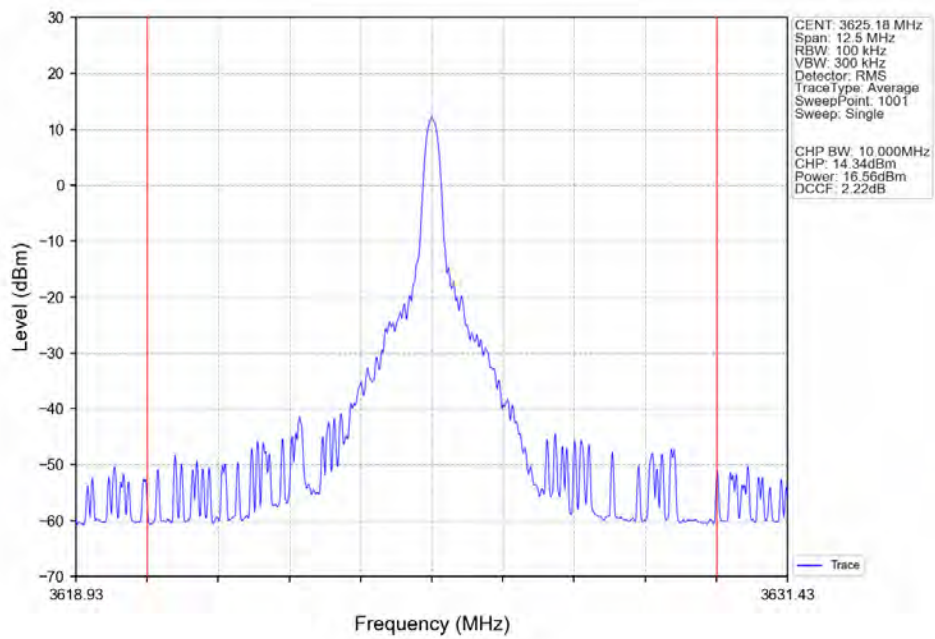
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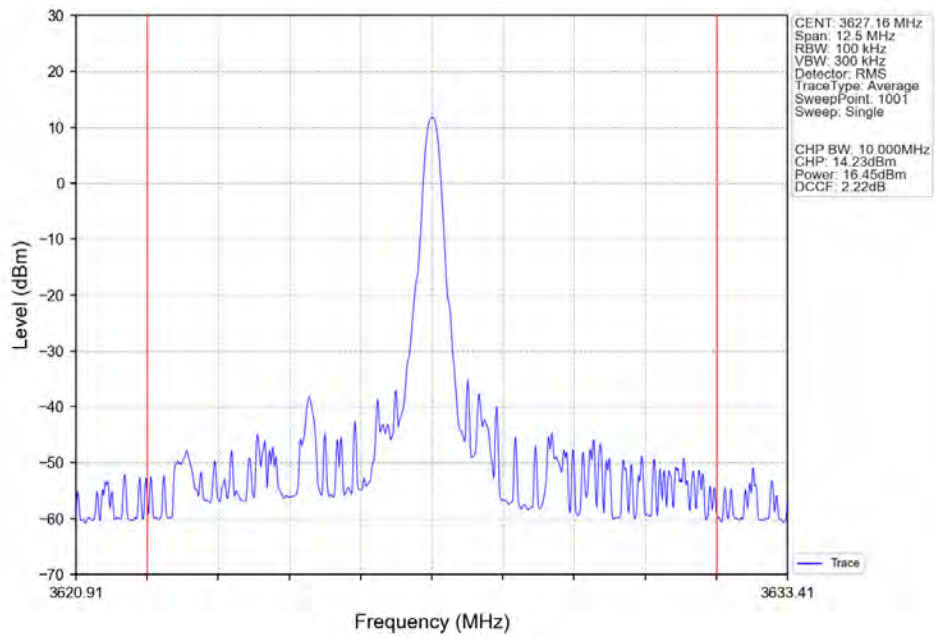
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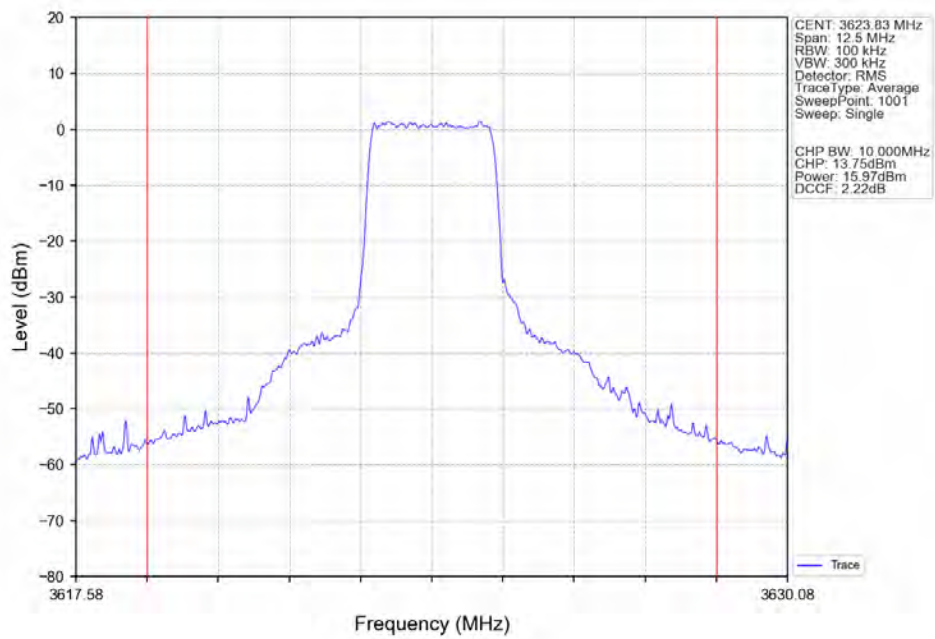
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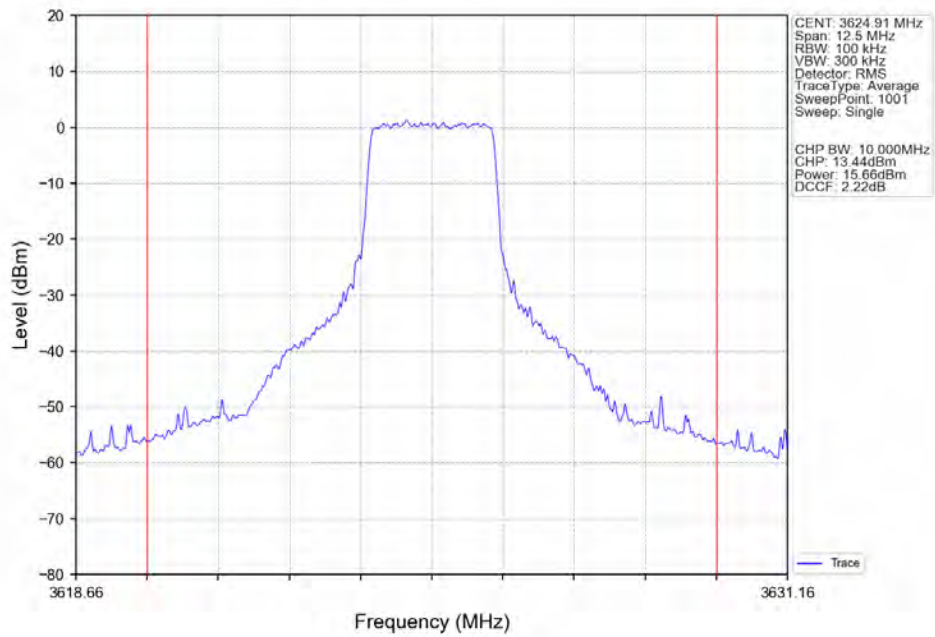
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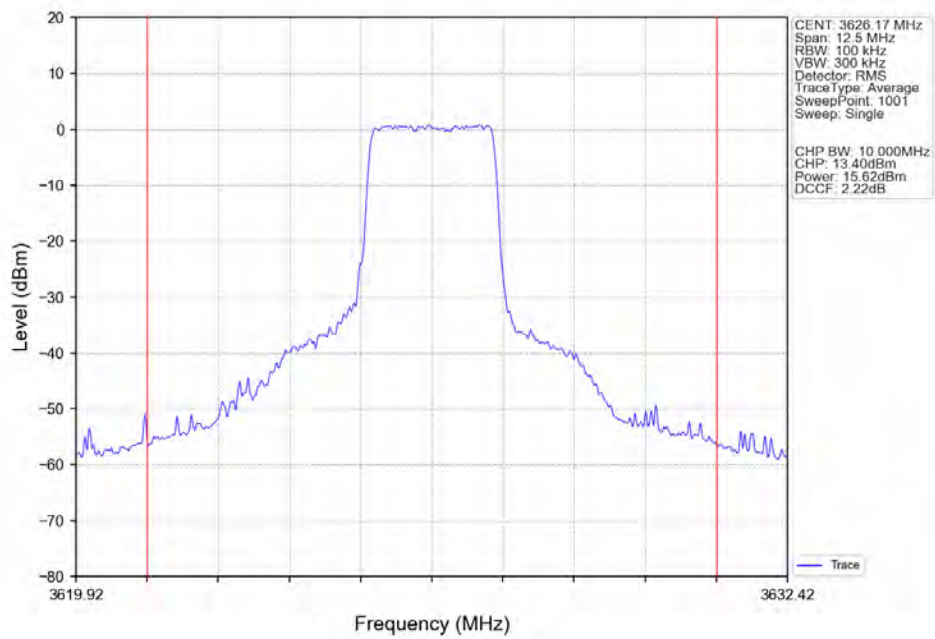
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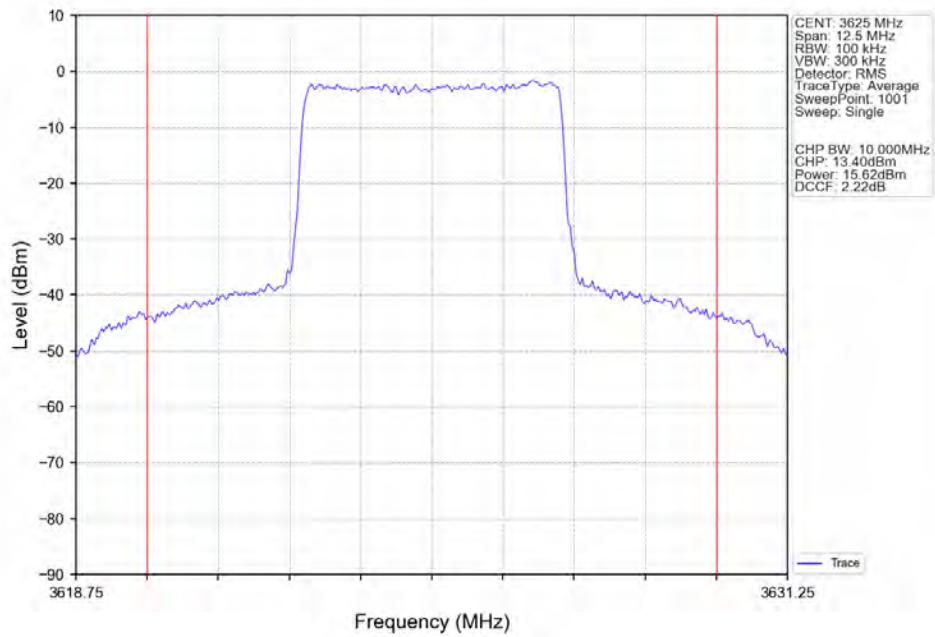
Band48 5MHz 16QAM MCH 3625MHz RB 12 6 NTNV



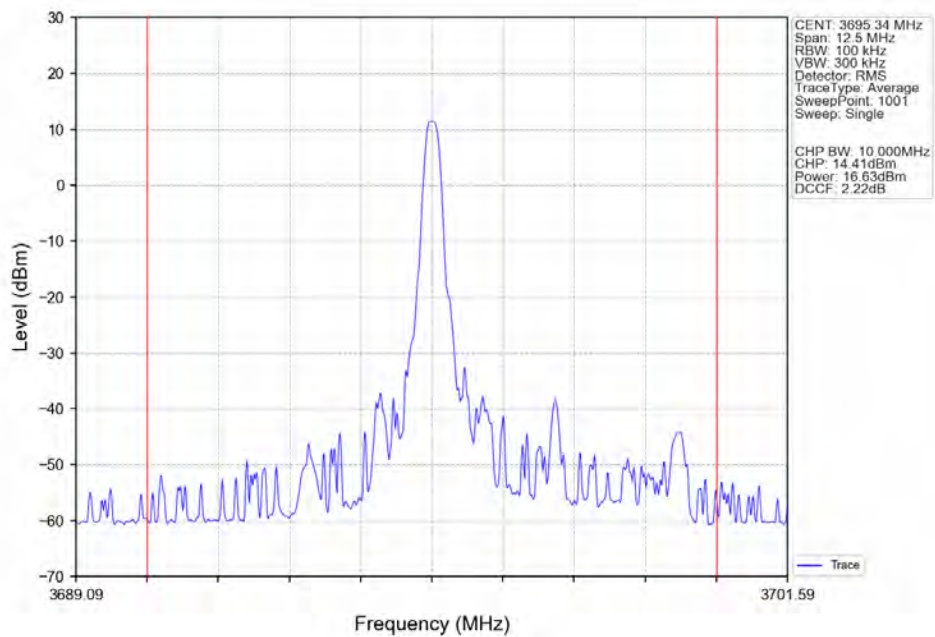
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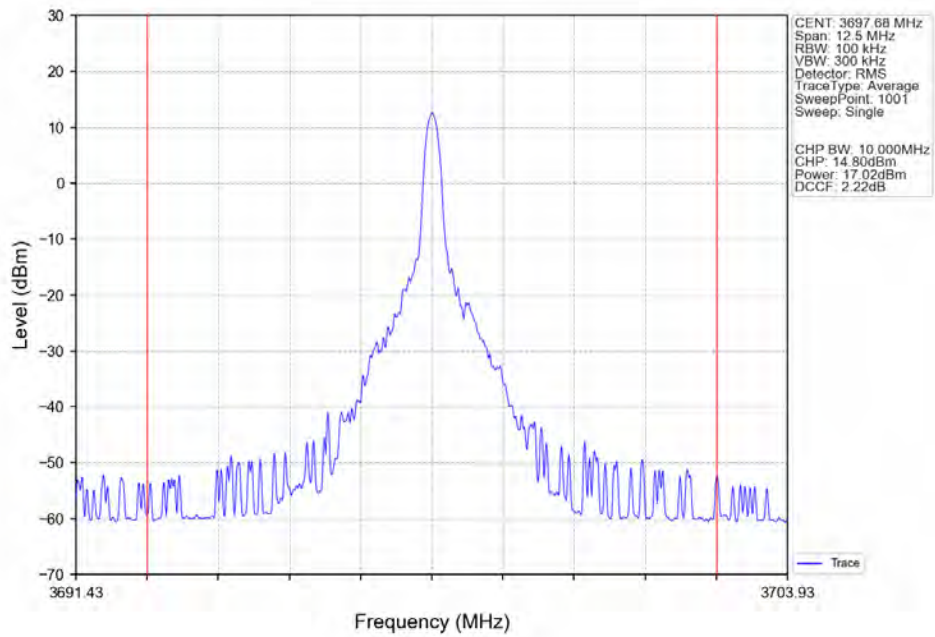
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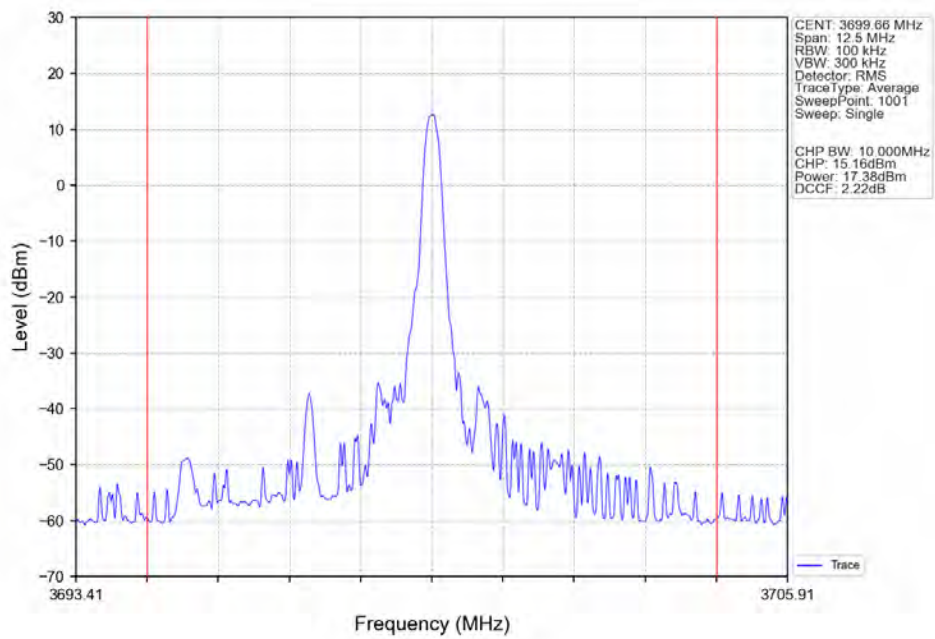
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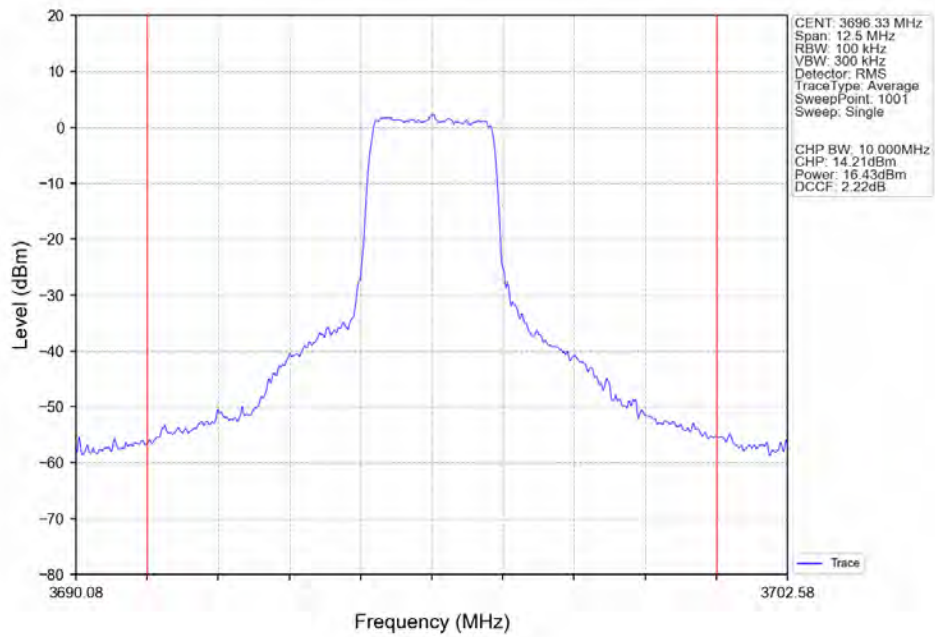
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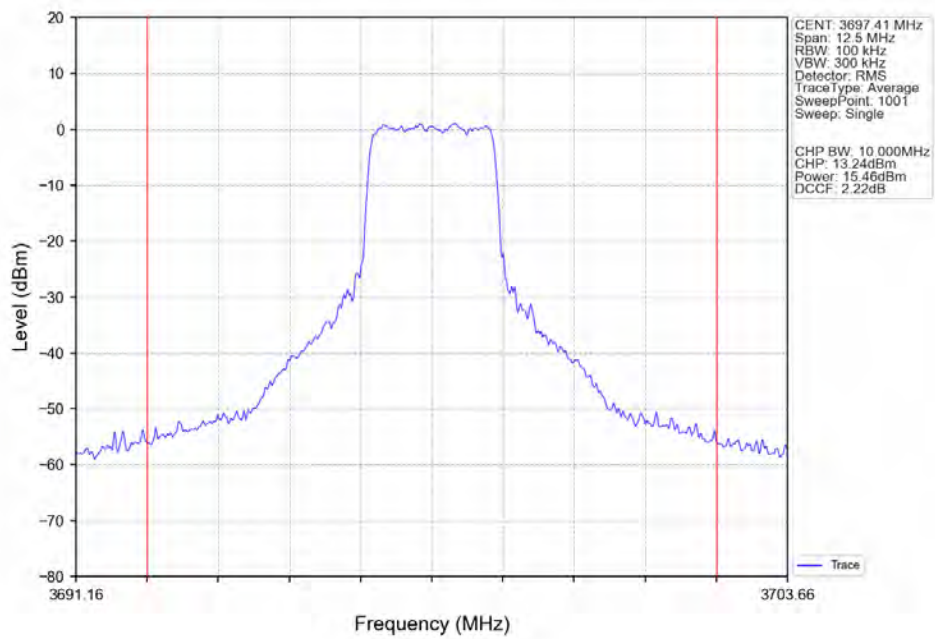
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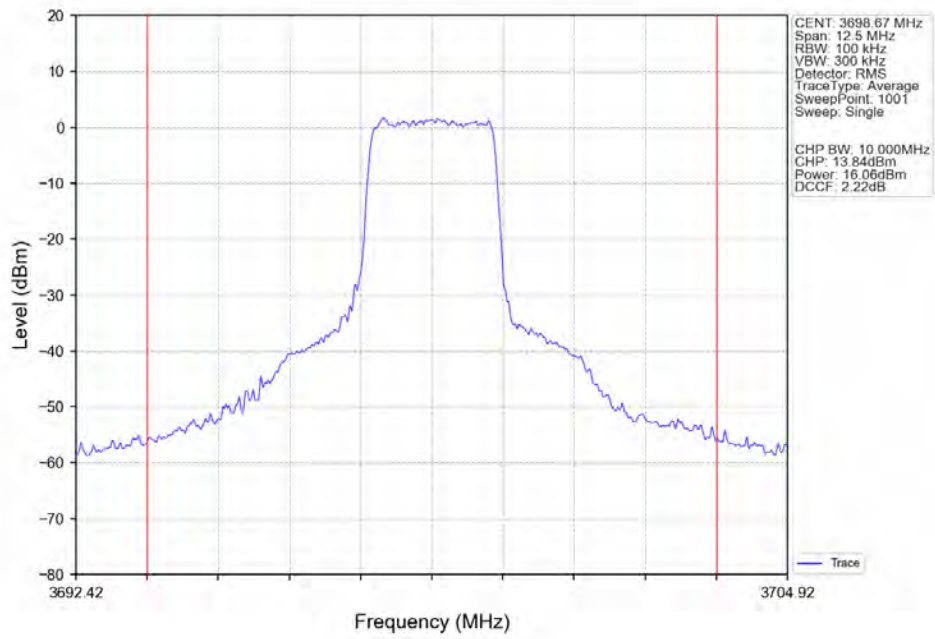
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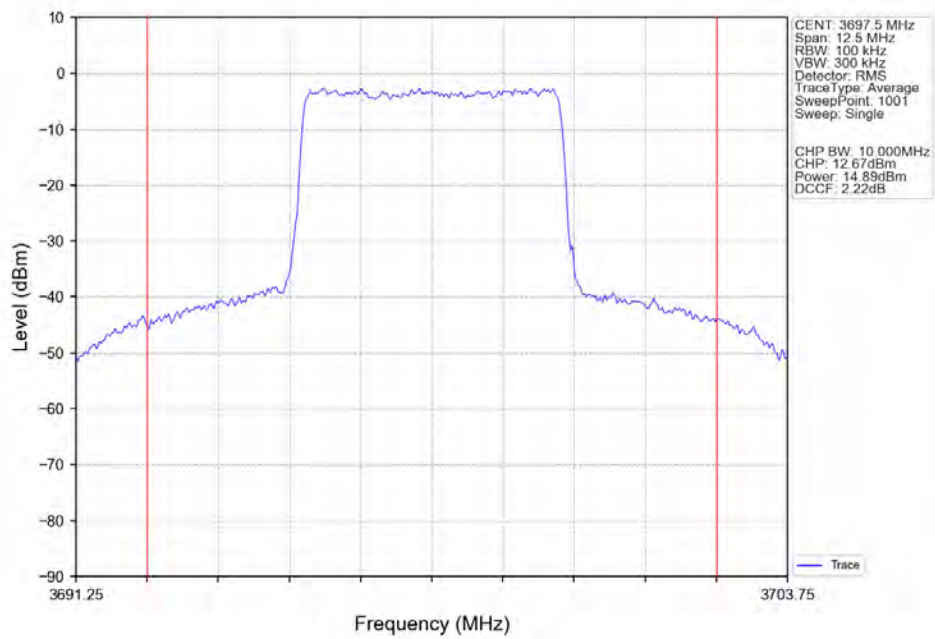
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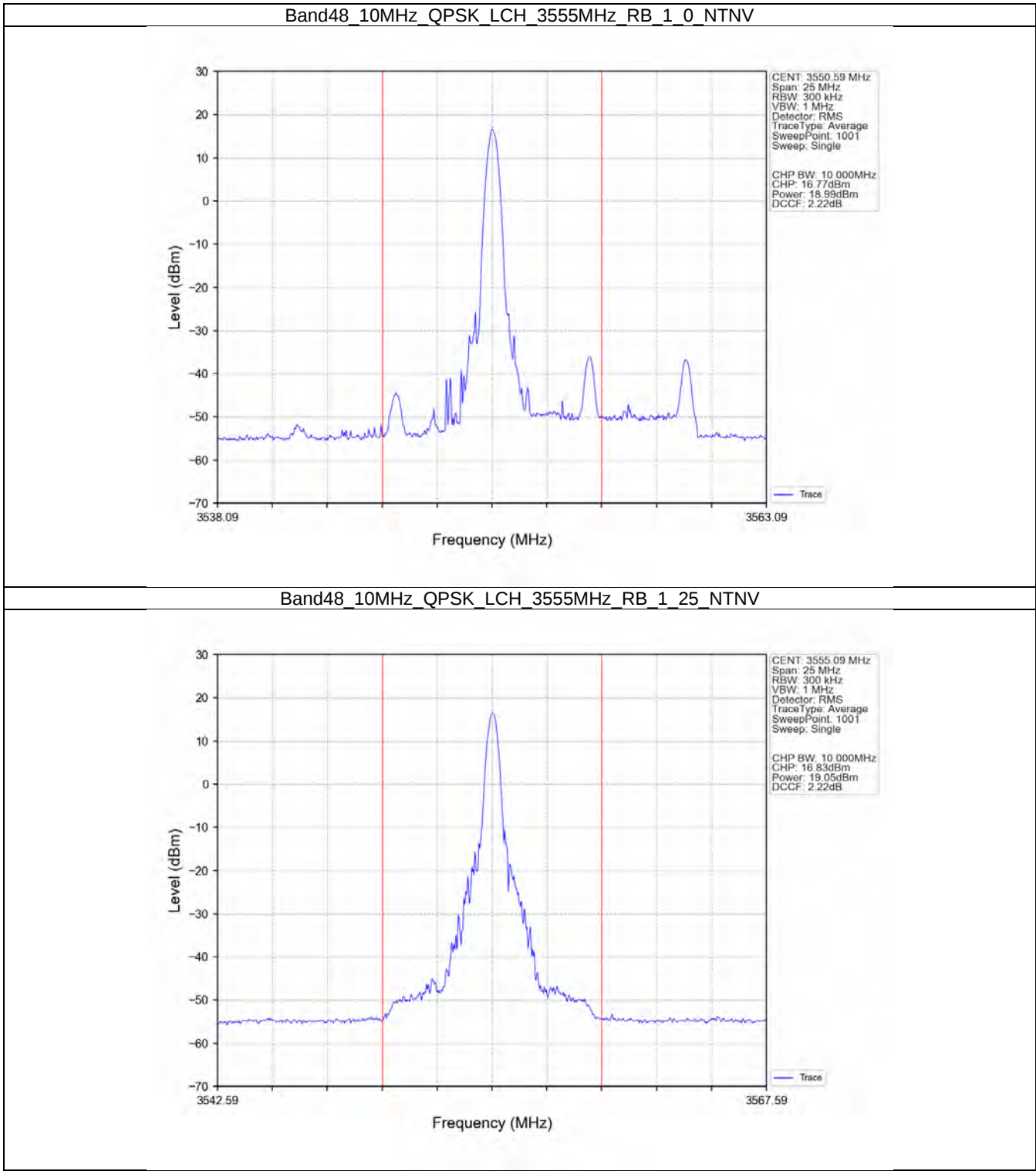
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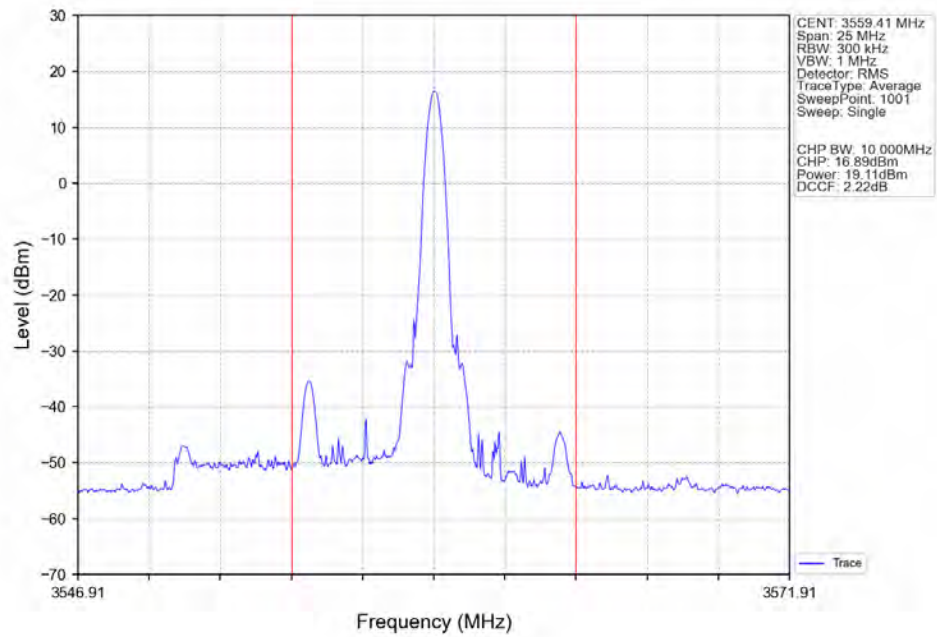
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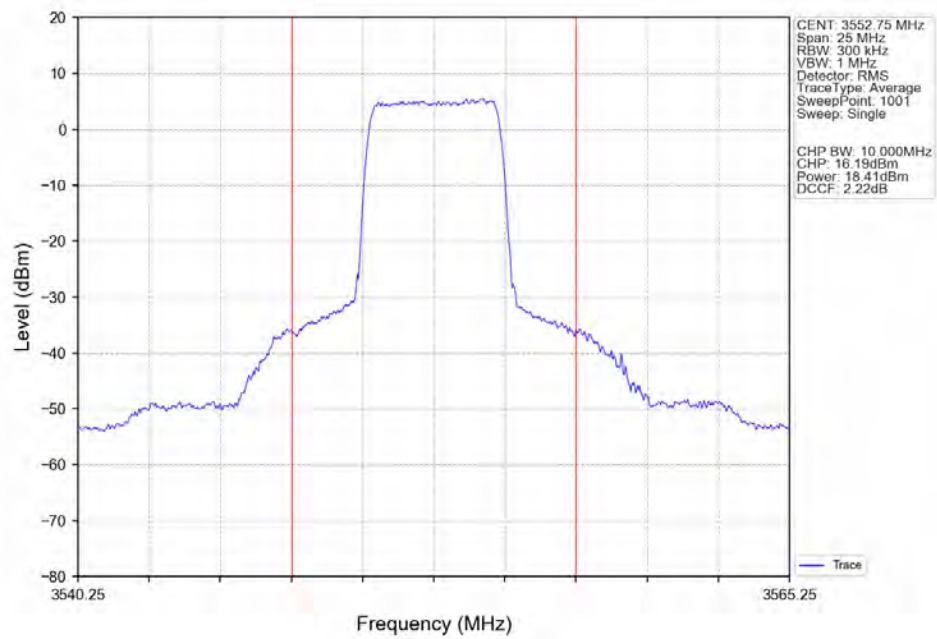
1.2.2 B48_10MHz_EIRP/10MHz



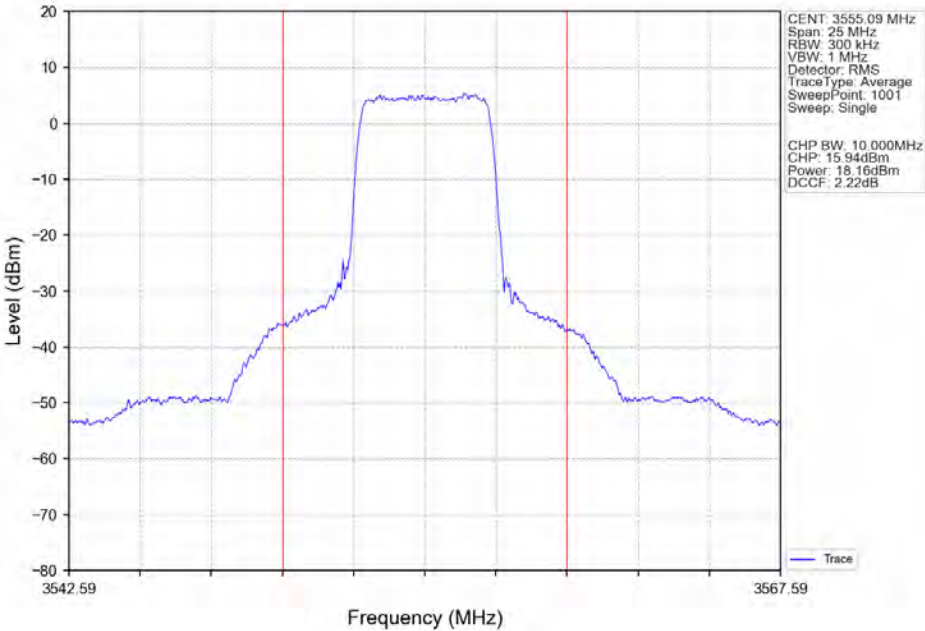
Band48 10MHz QPSK LCH 3555MHz RB 1 49 NTNV



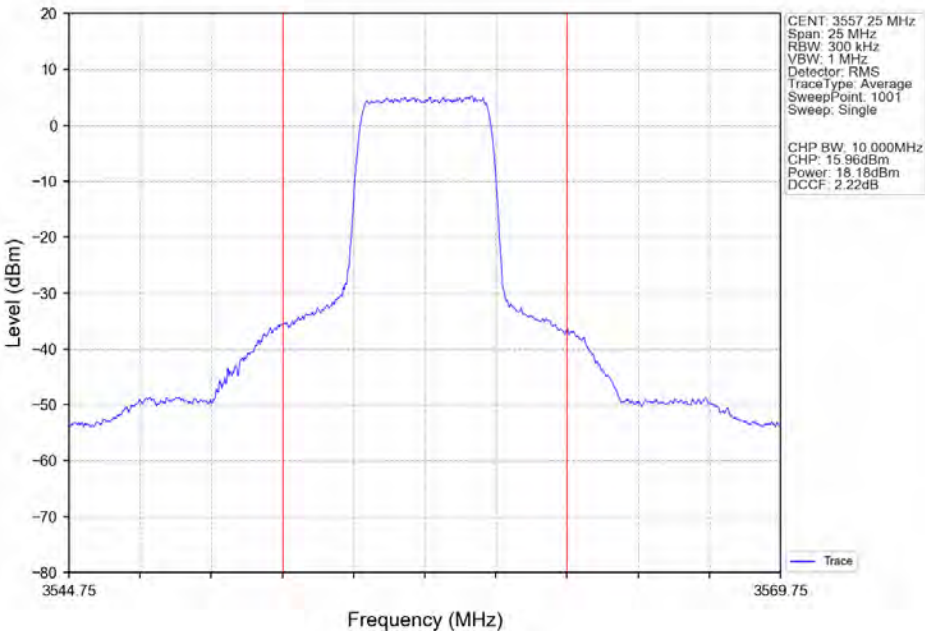
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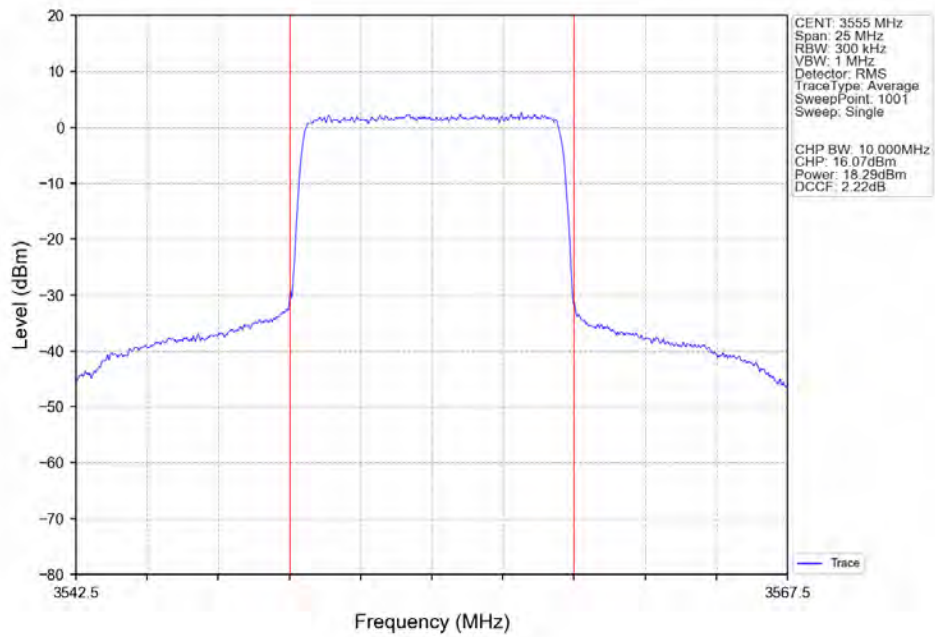
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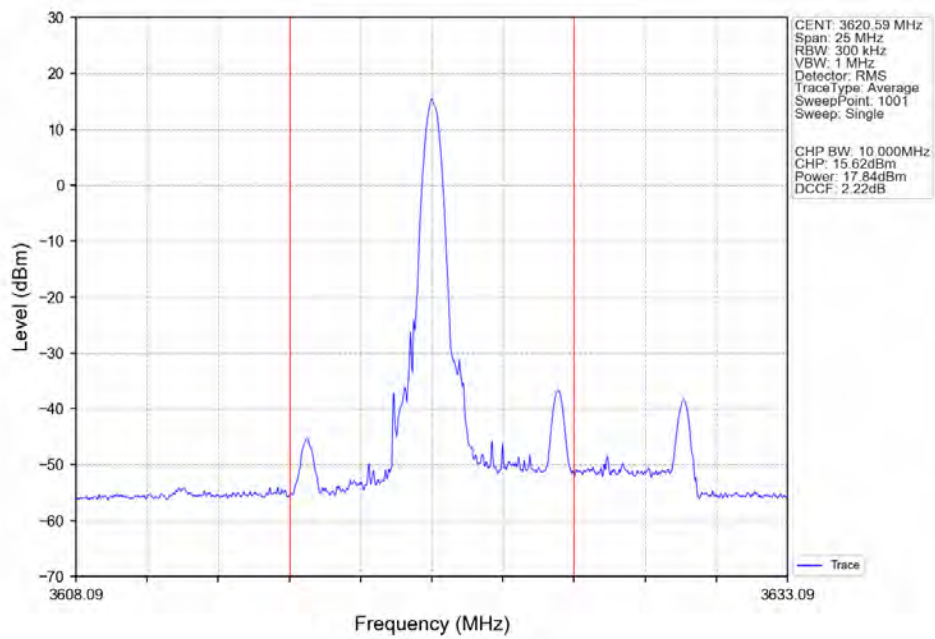
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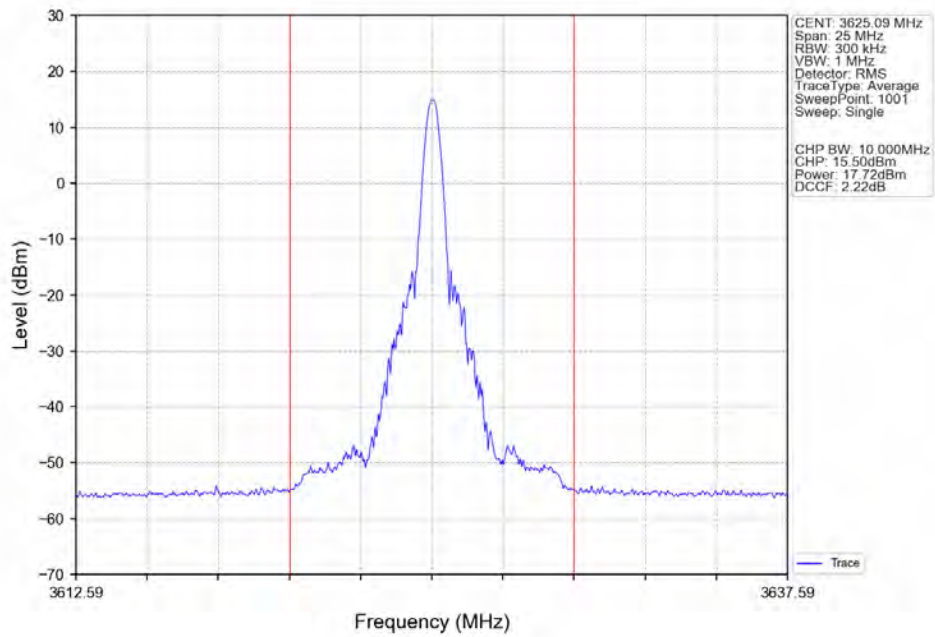
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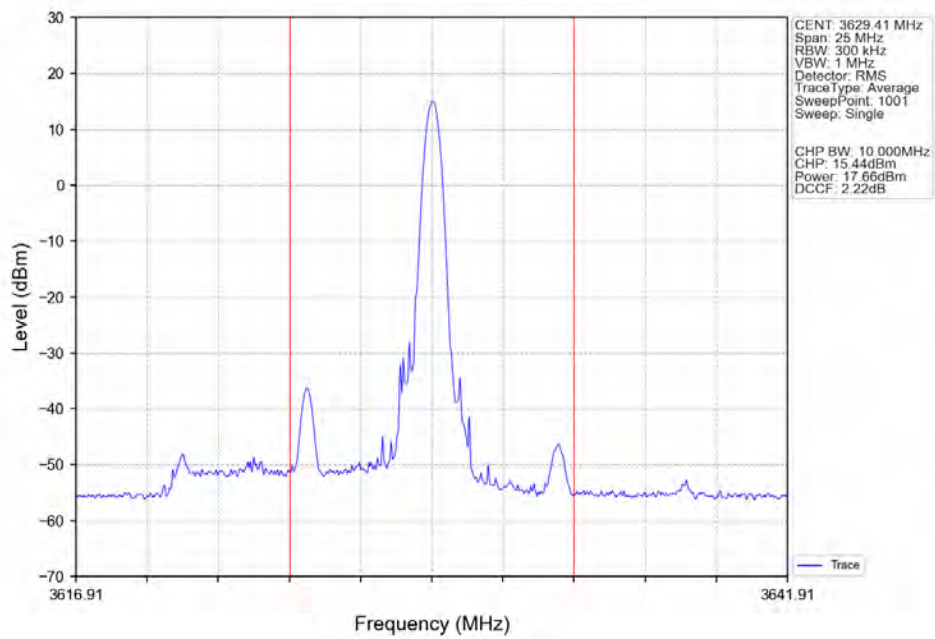
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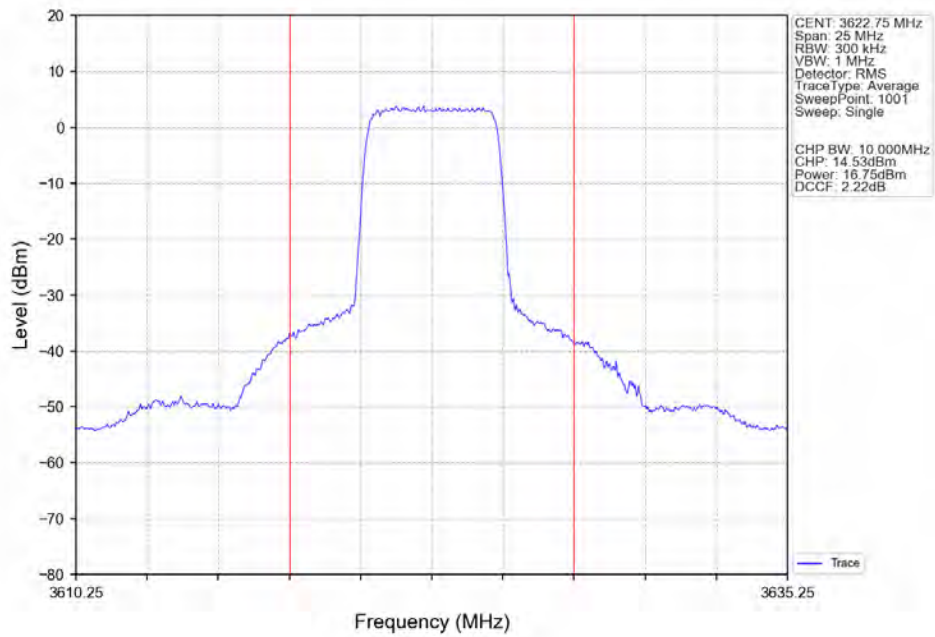
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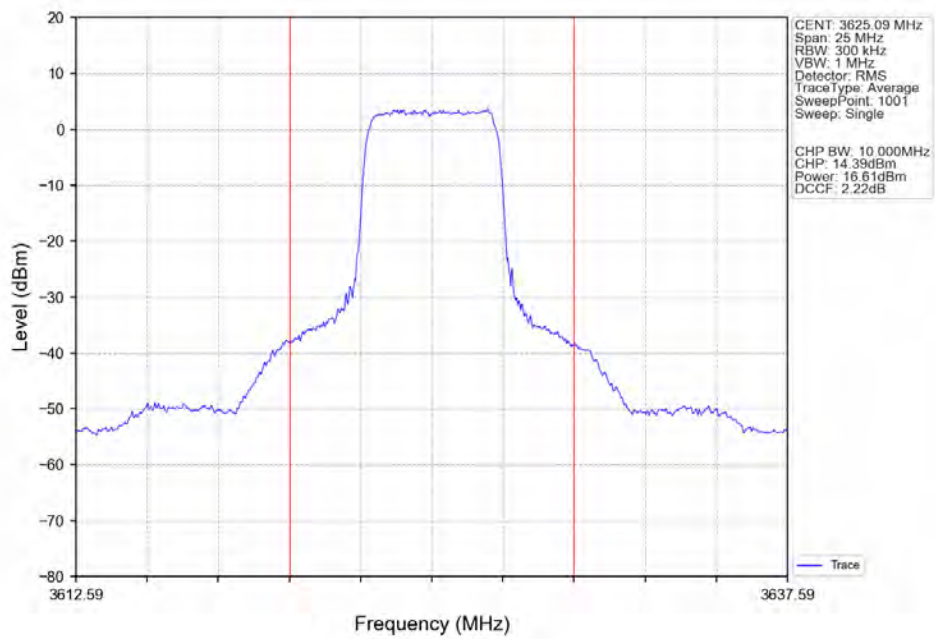
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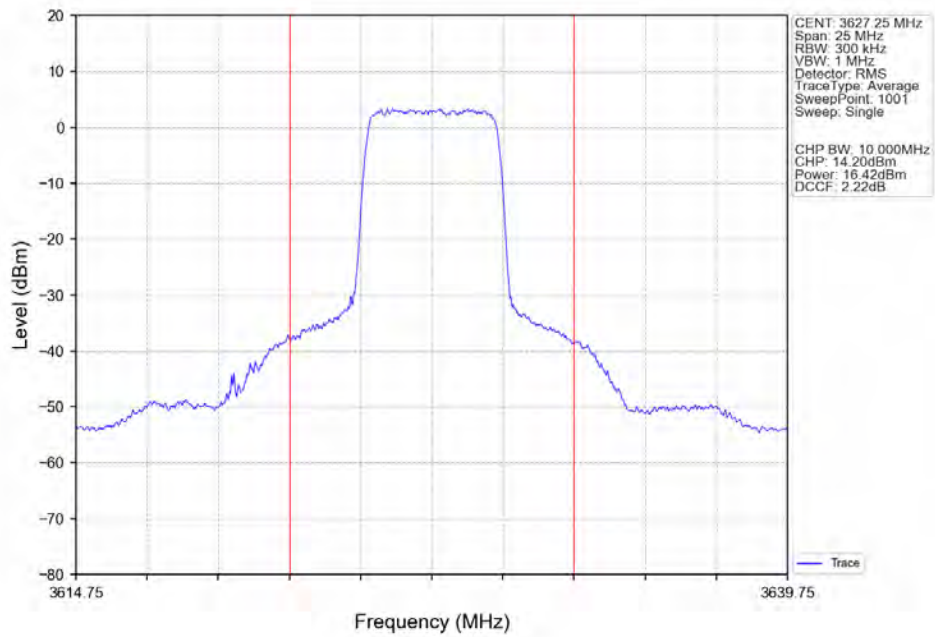
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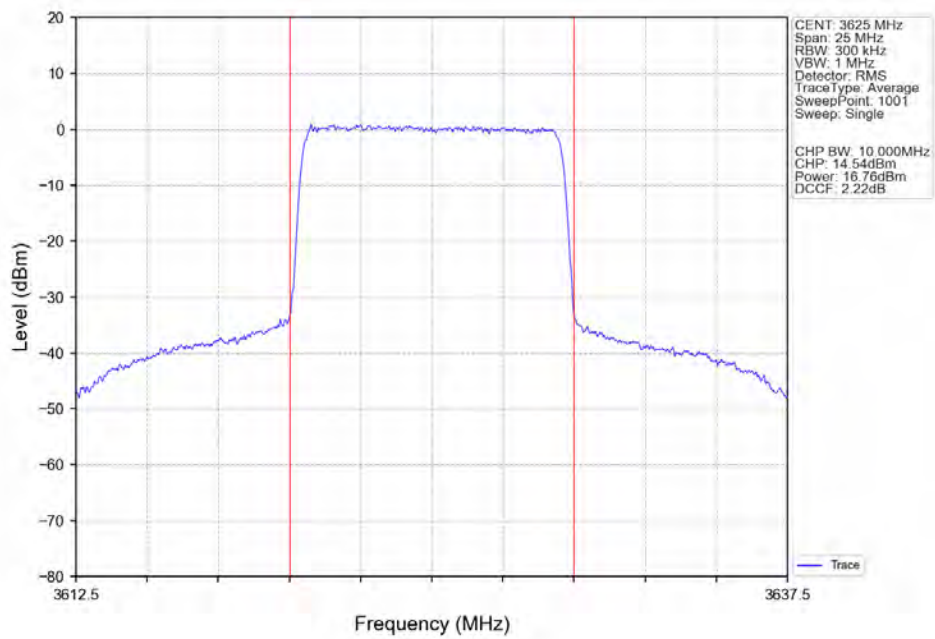
Band48 10MHz QPSK MCH 3625MHz RB 25 13 NTNV



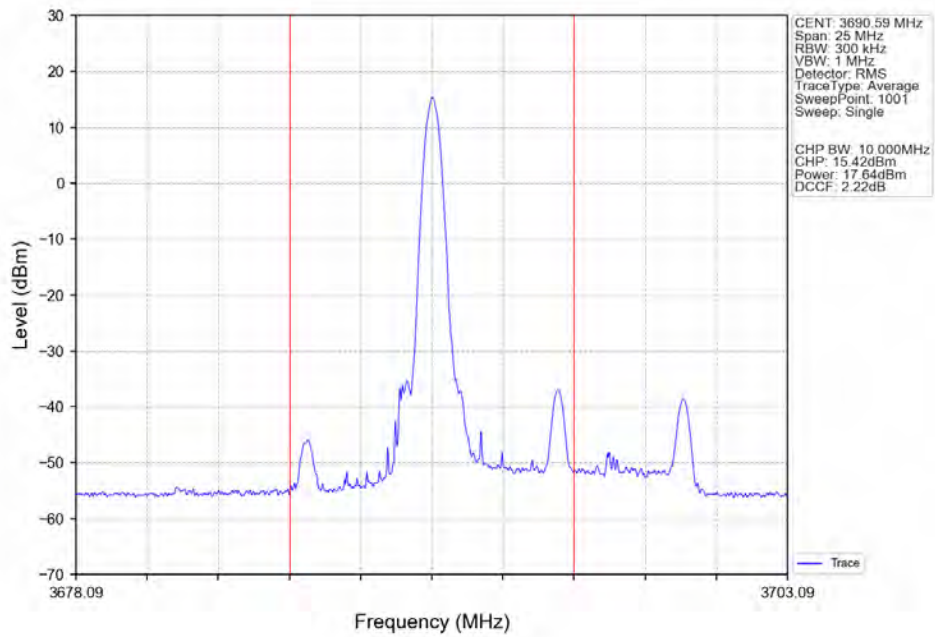
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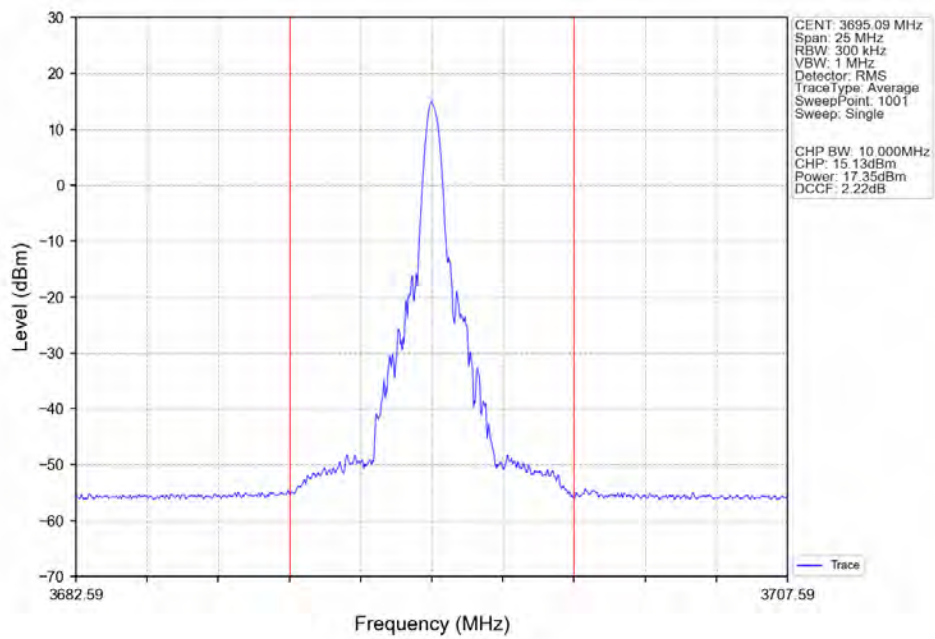
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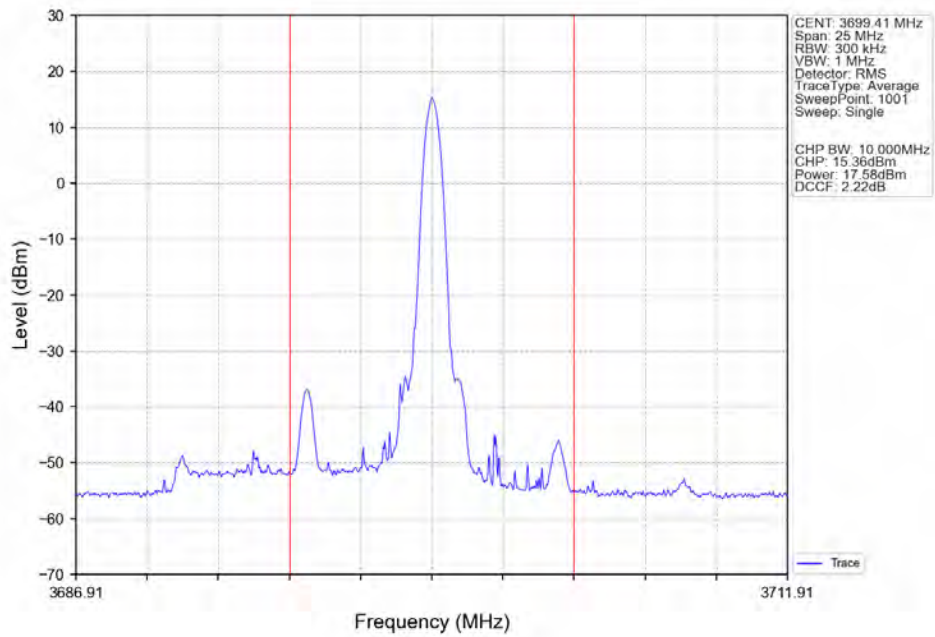
Band48 10MHz QPSK HCH 3695MHz RB 1 0 NTNV



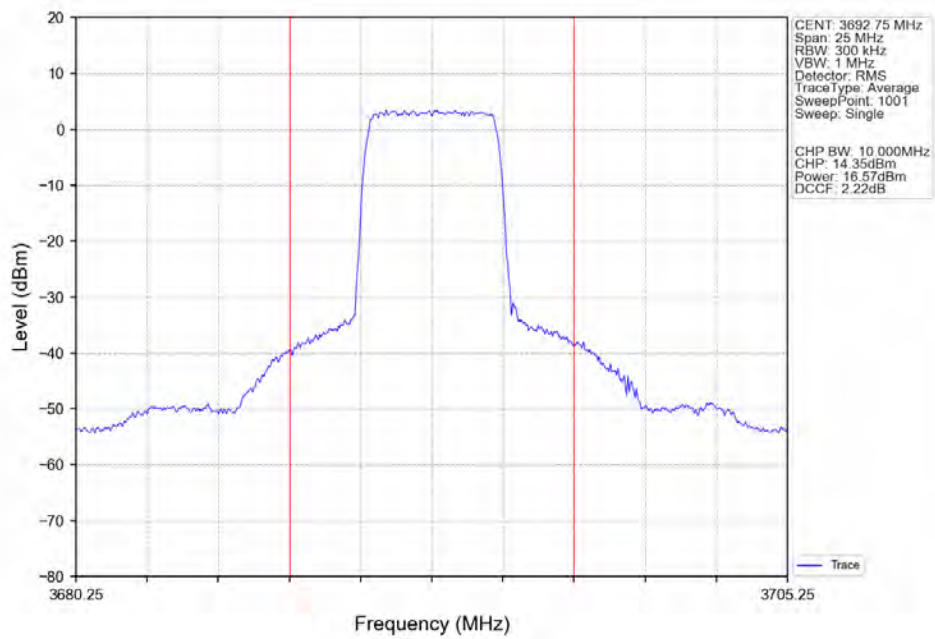
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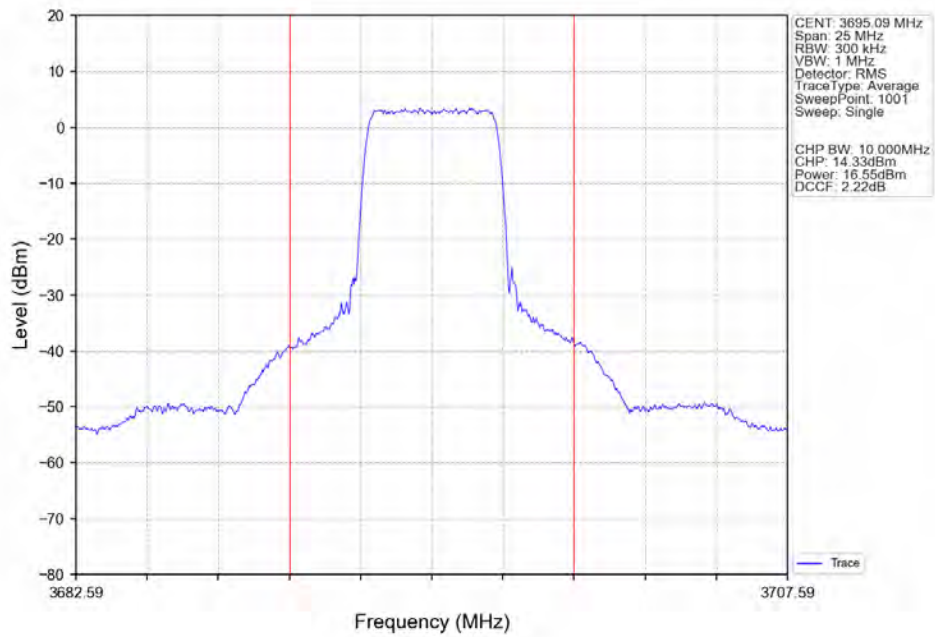
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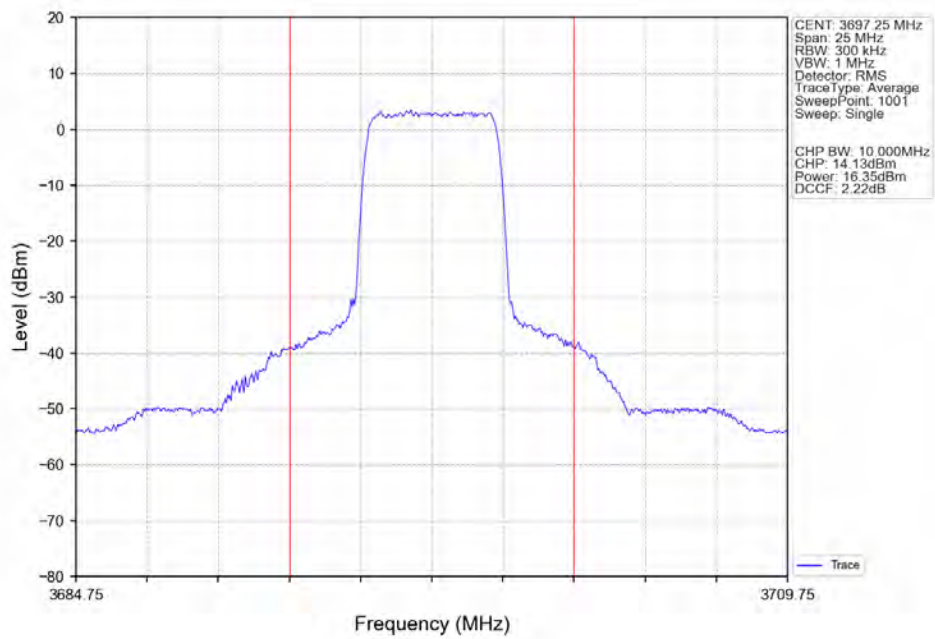
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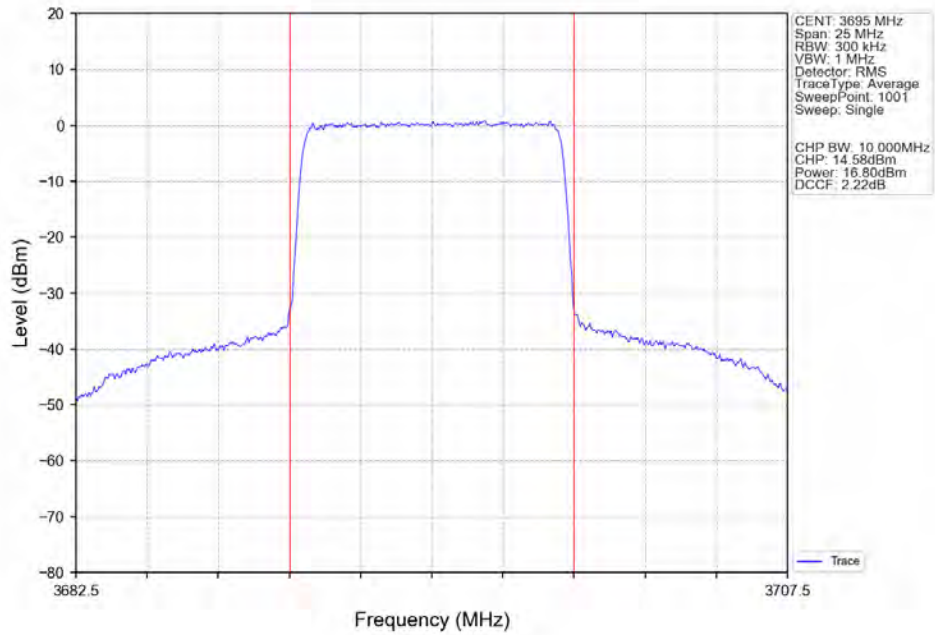
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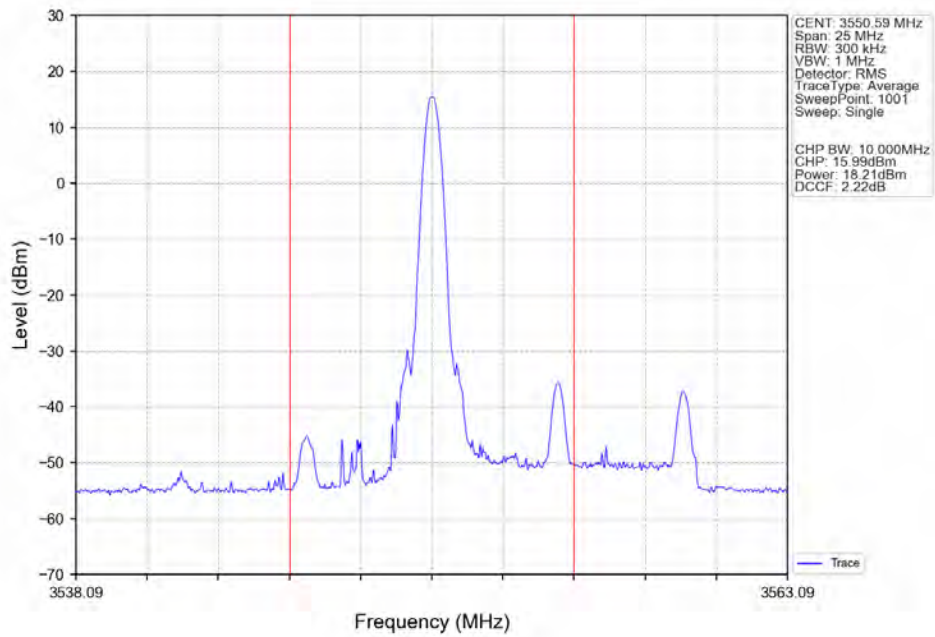
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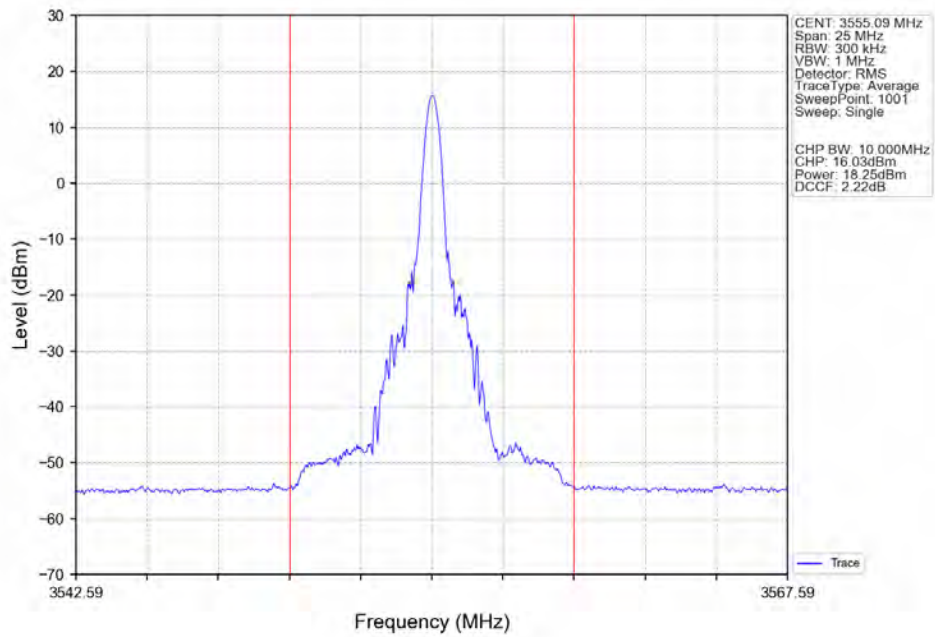
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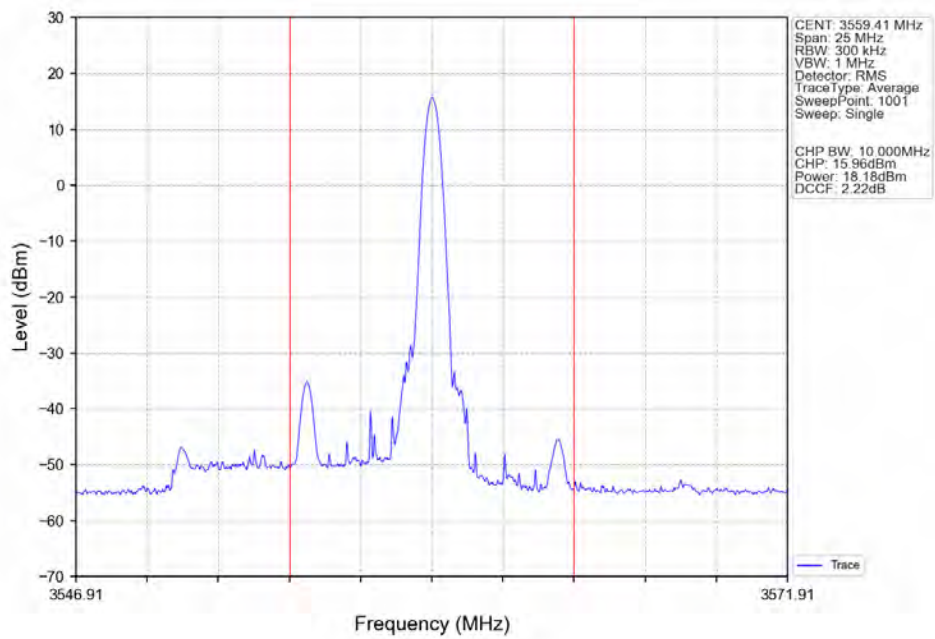
Band48 10MHz 16QAM LCH 3555MHz RB 1 0 NTNV



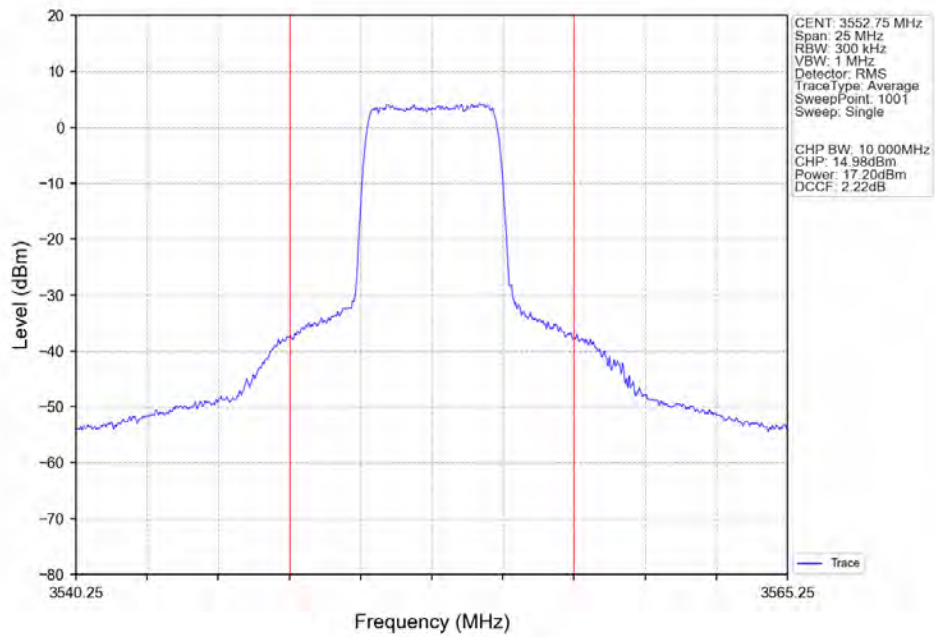
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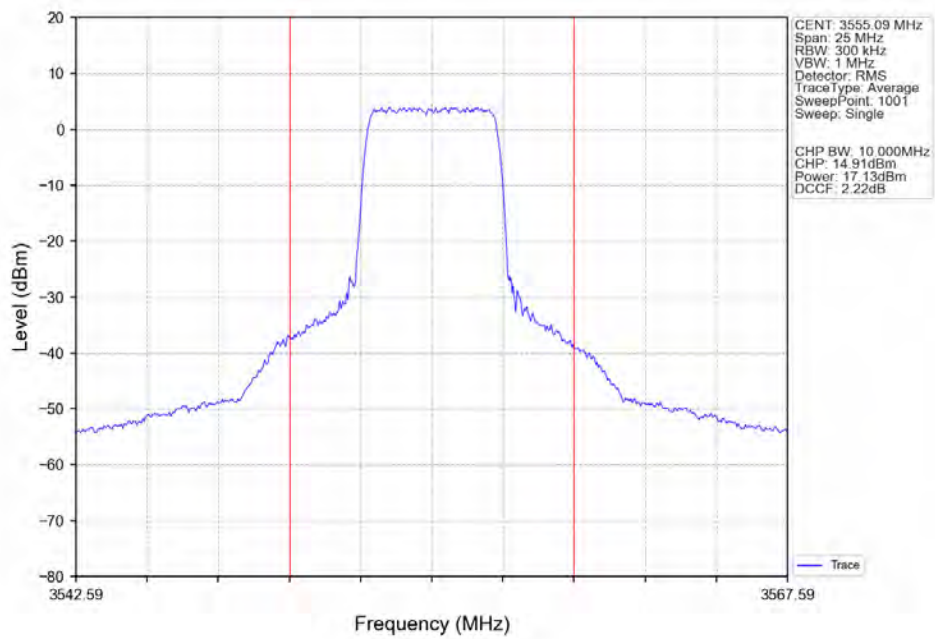
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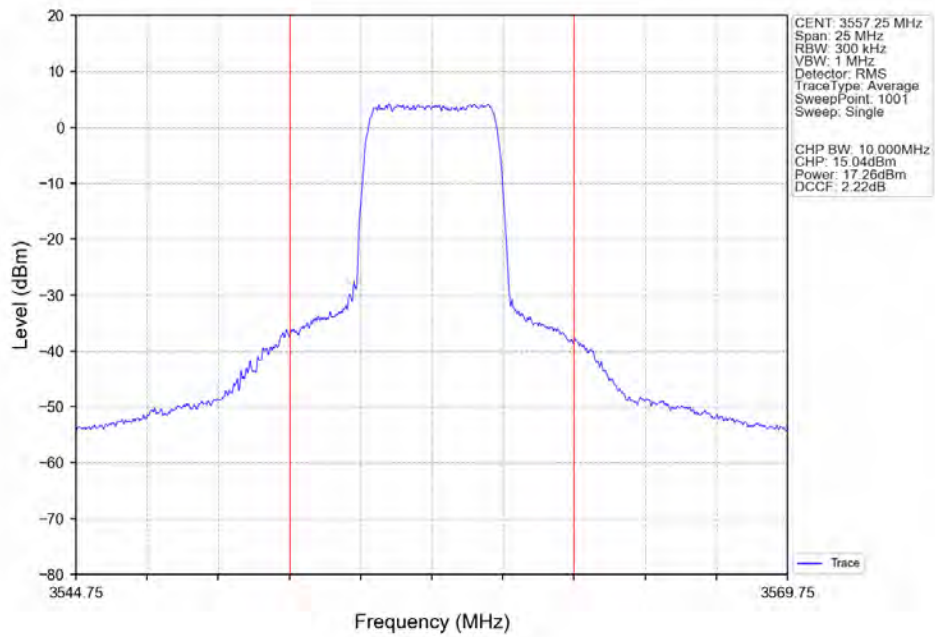
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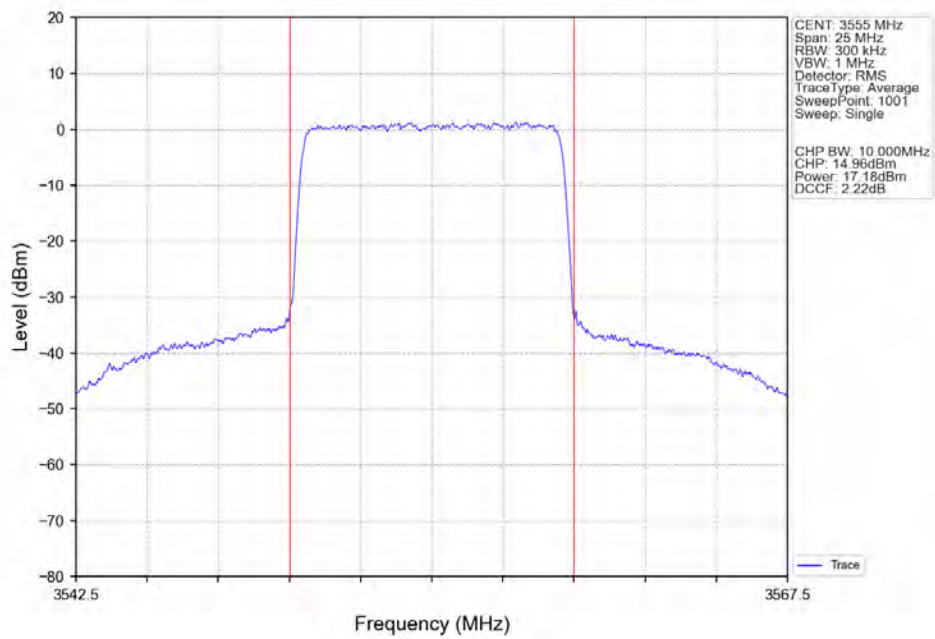
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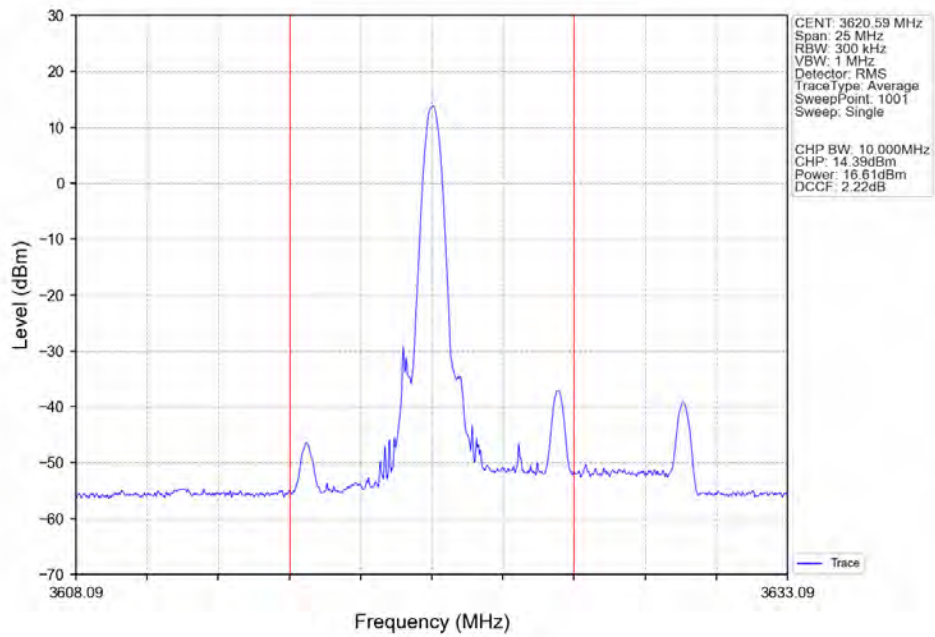
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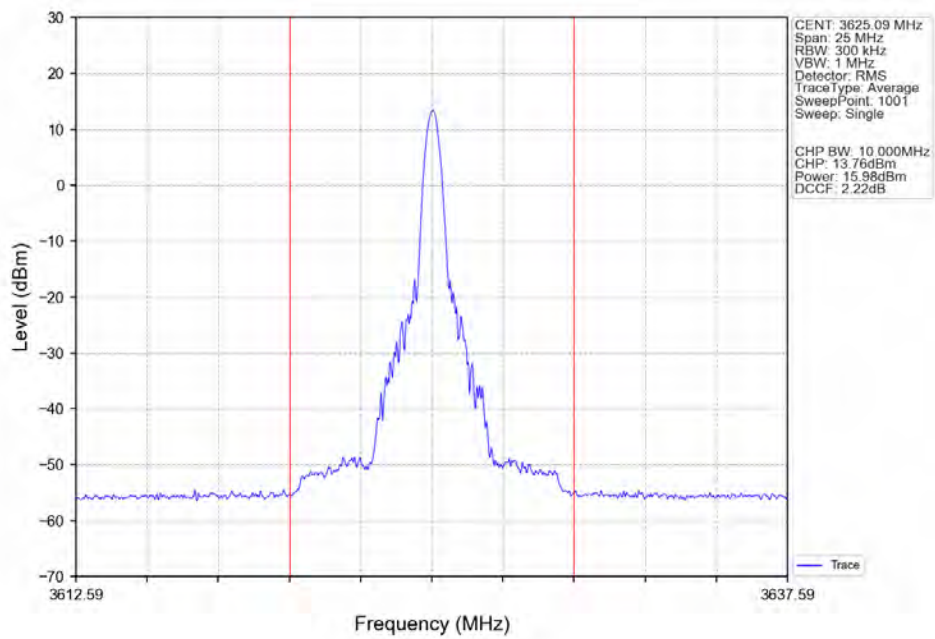
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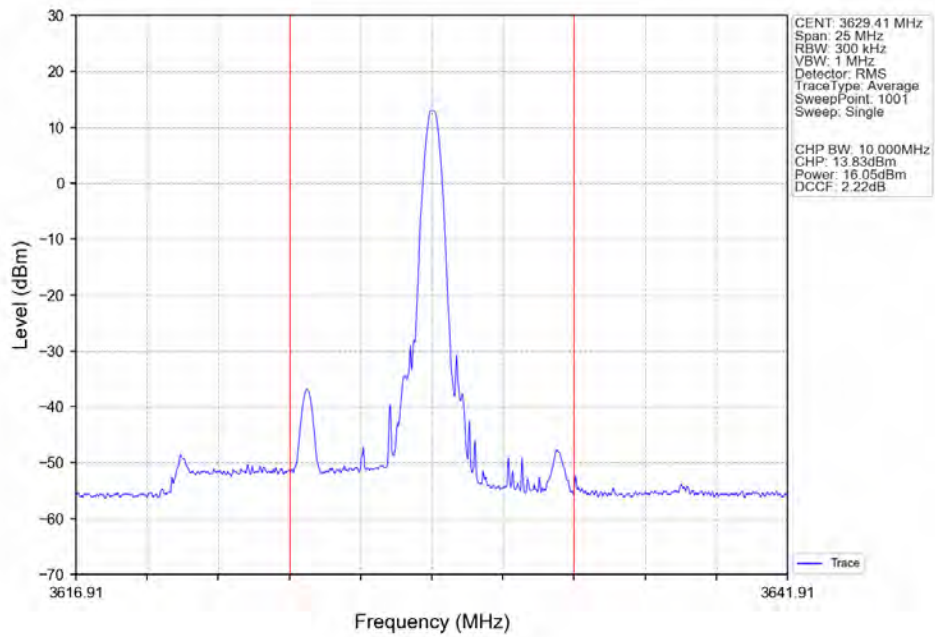
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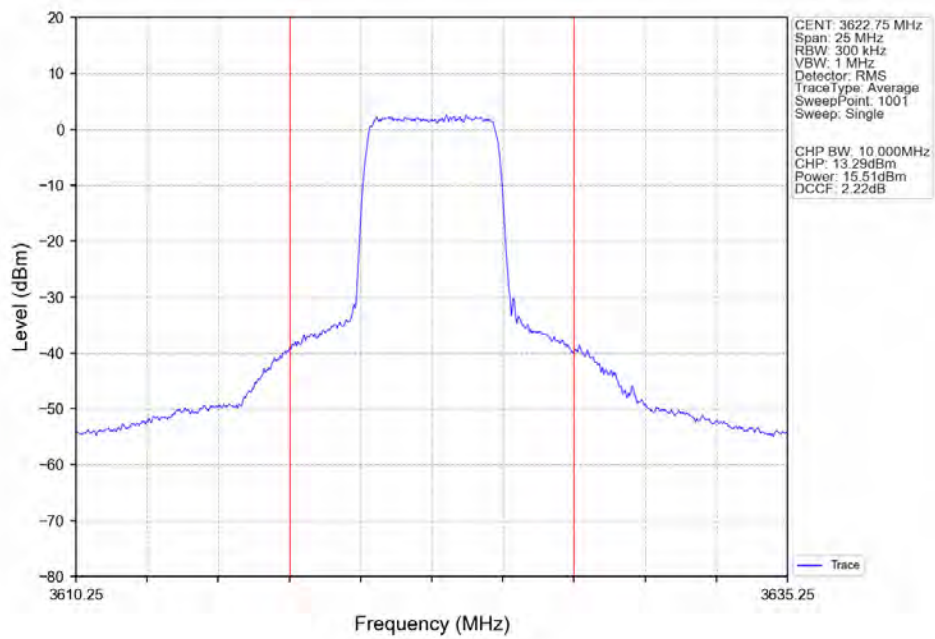
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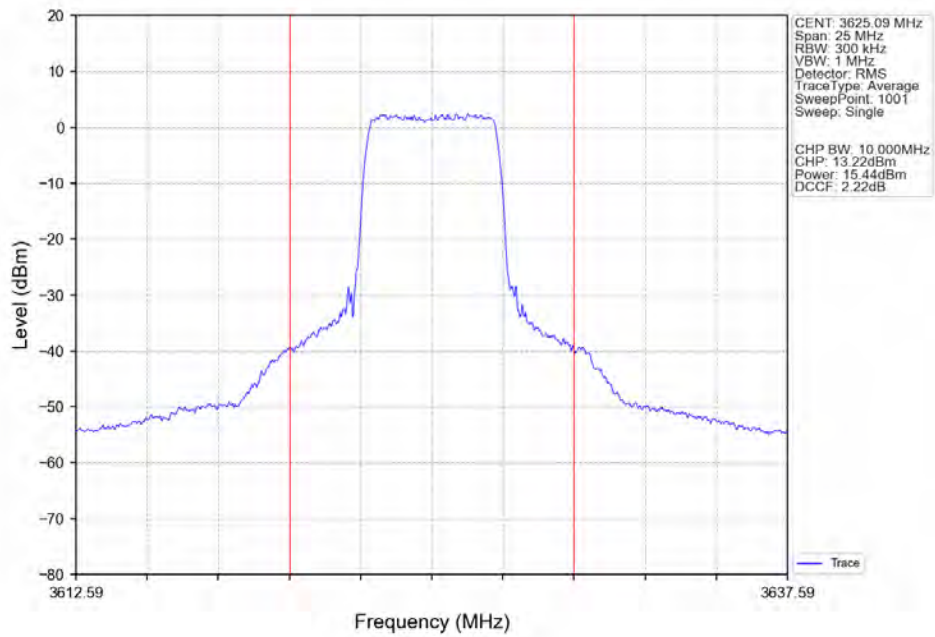
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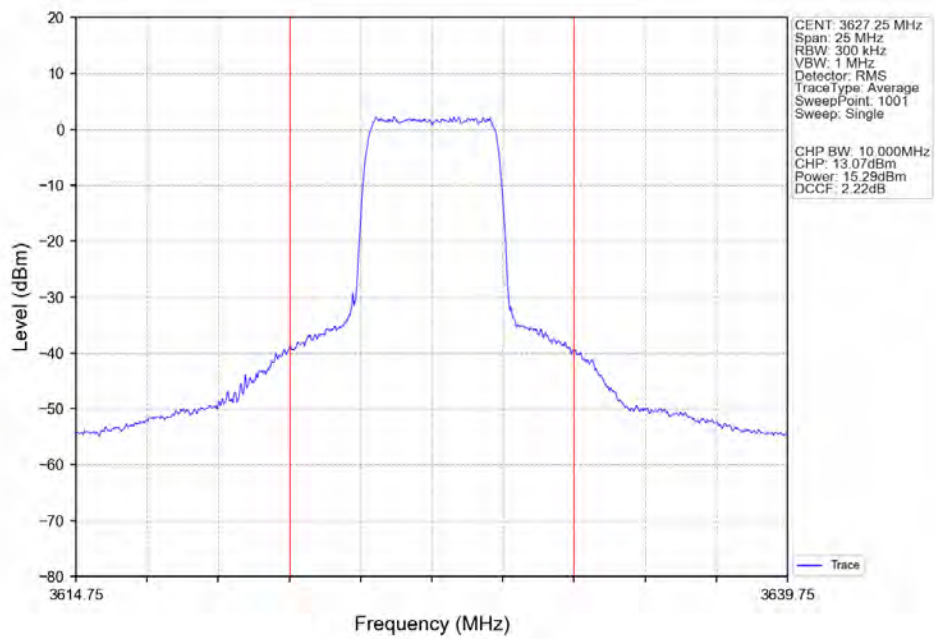
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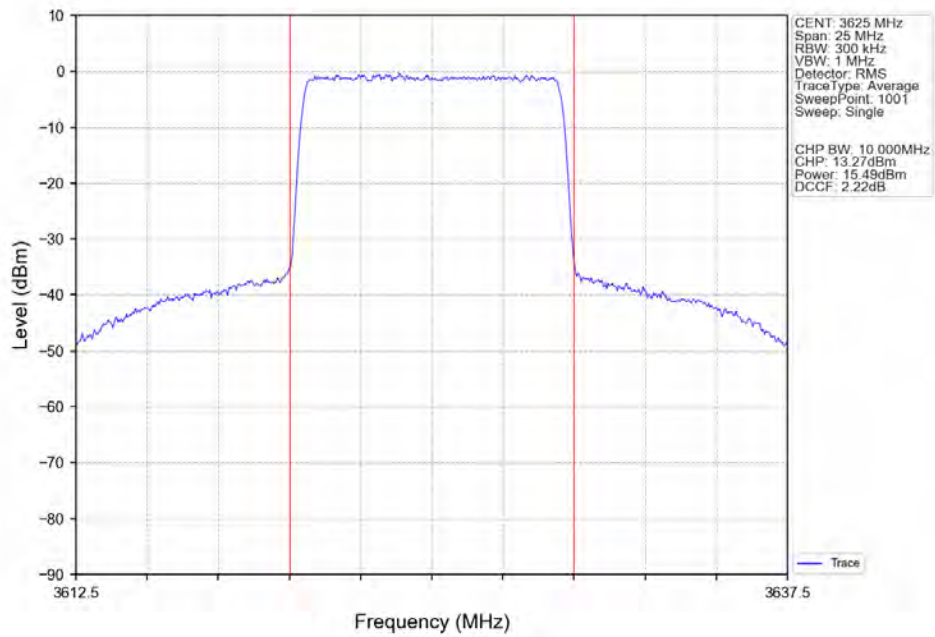
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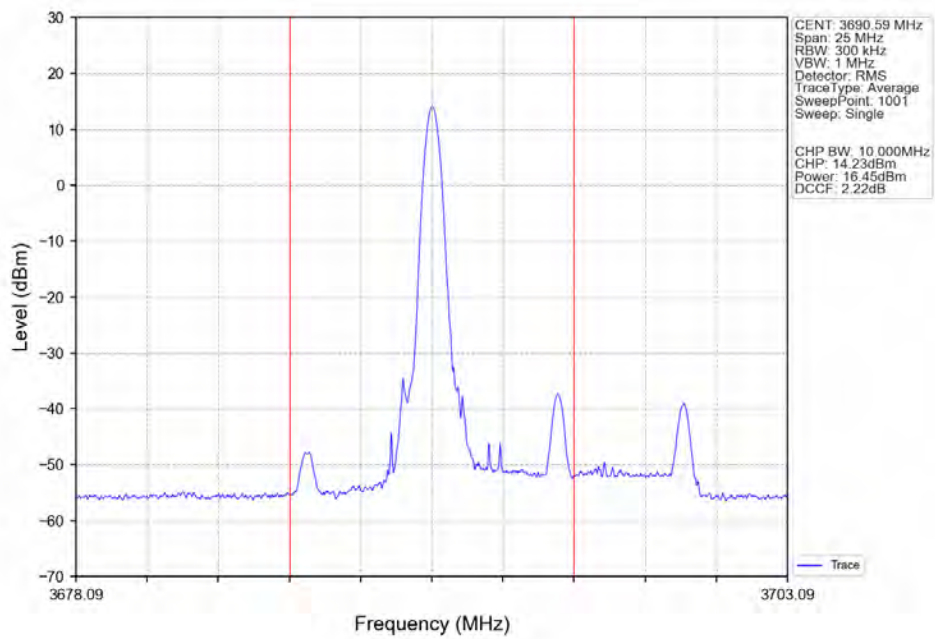
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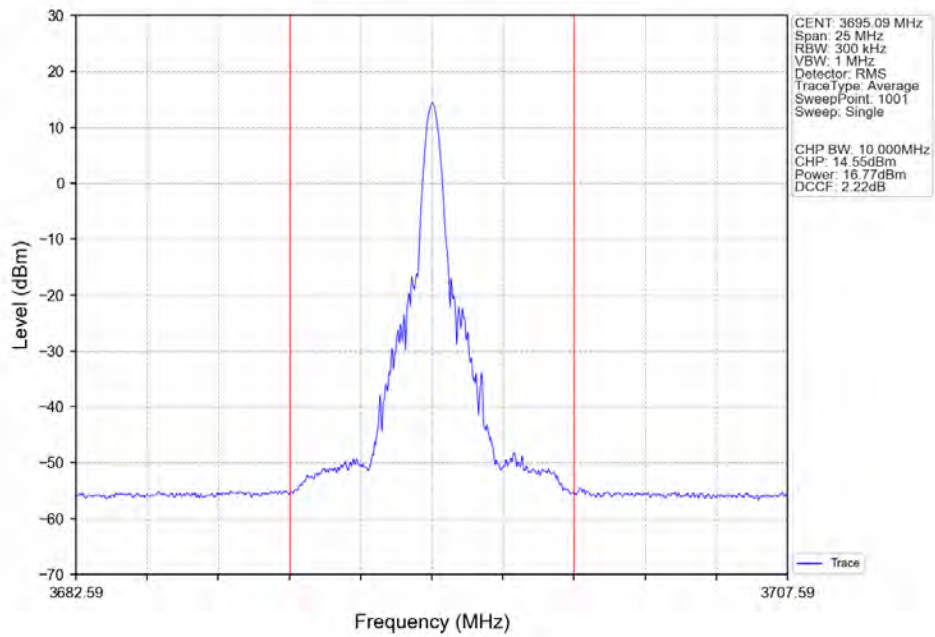
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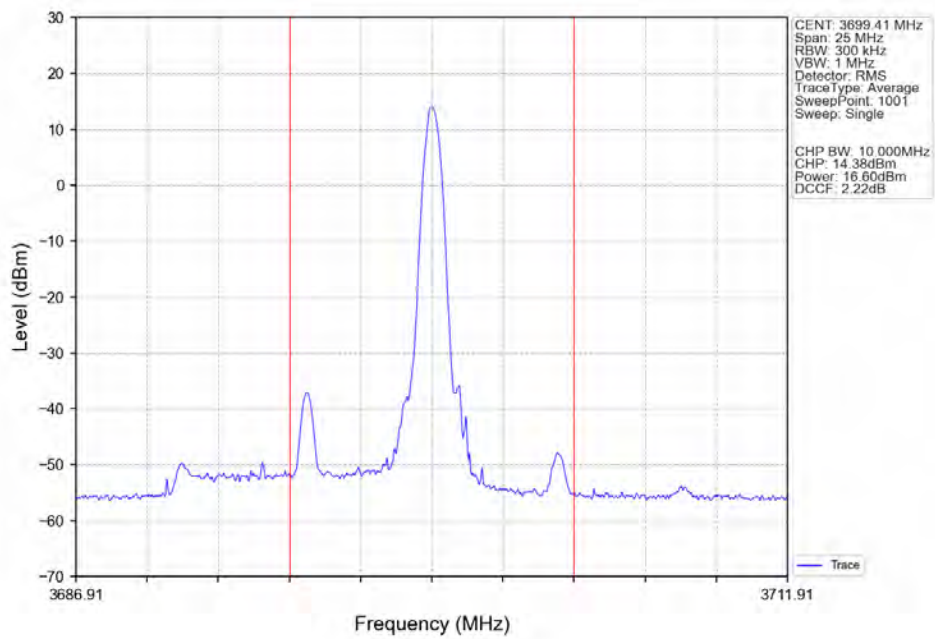
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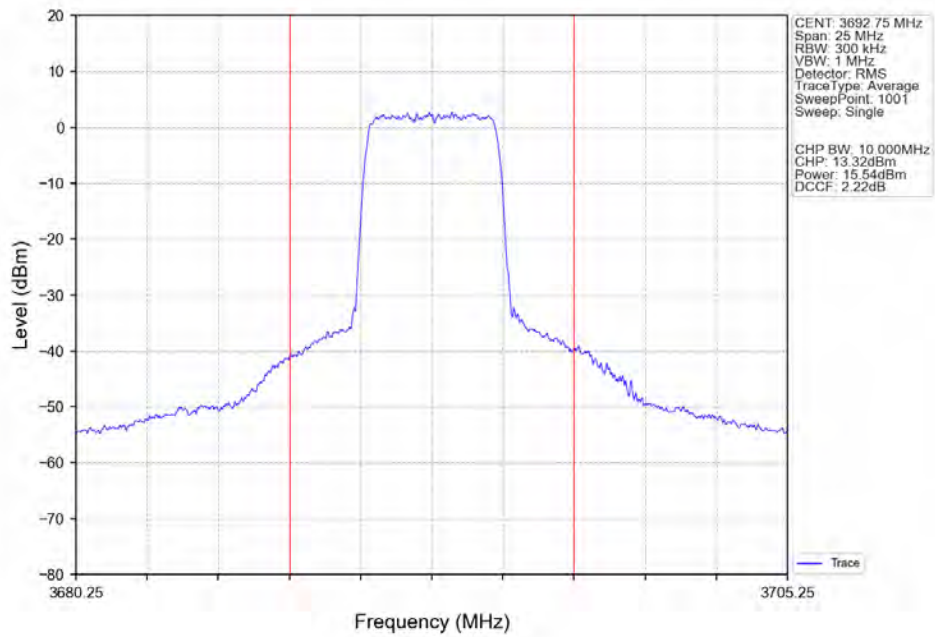
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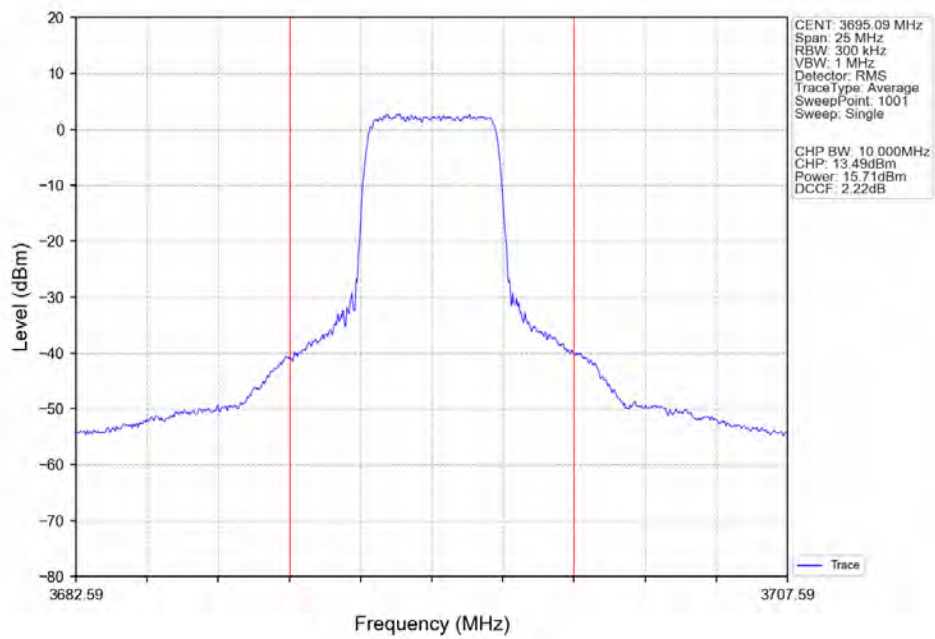
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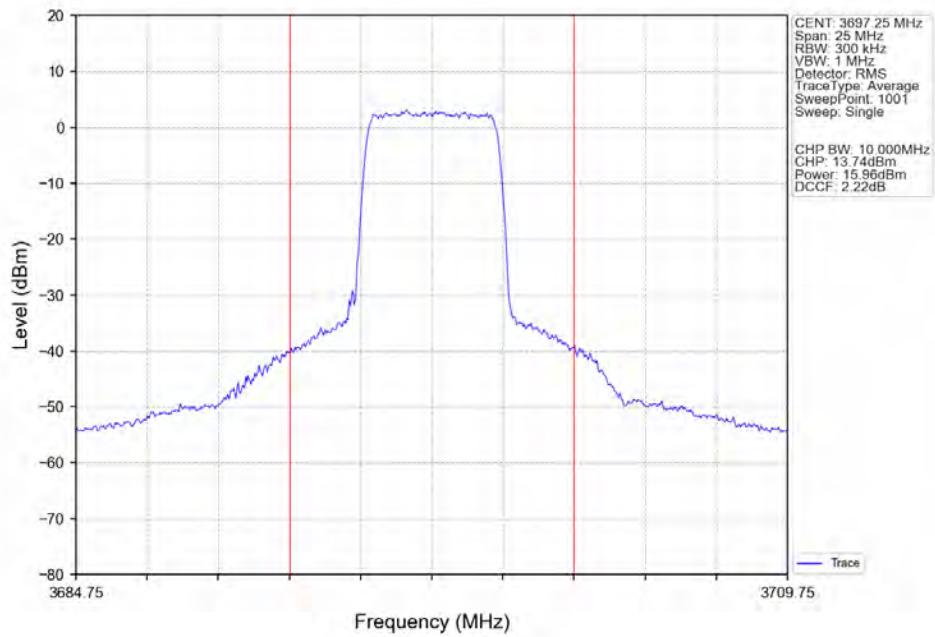
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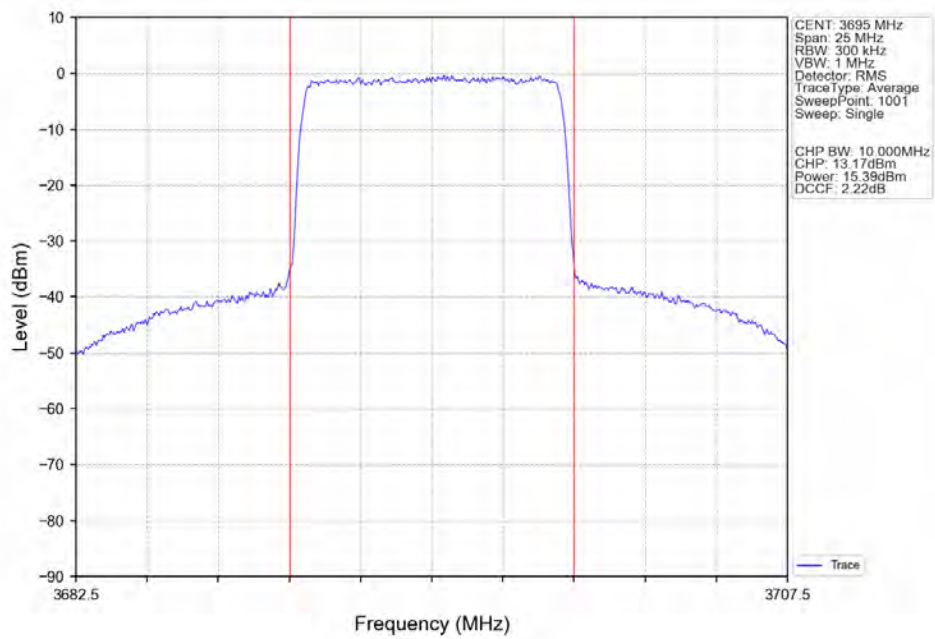
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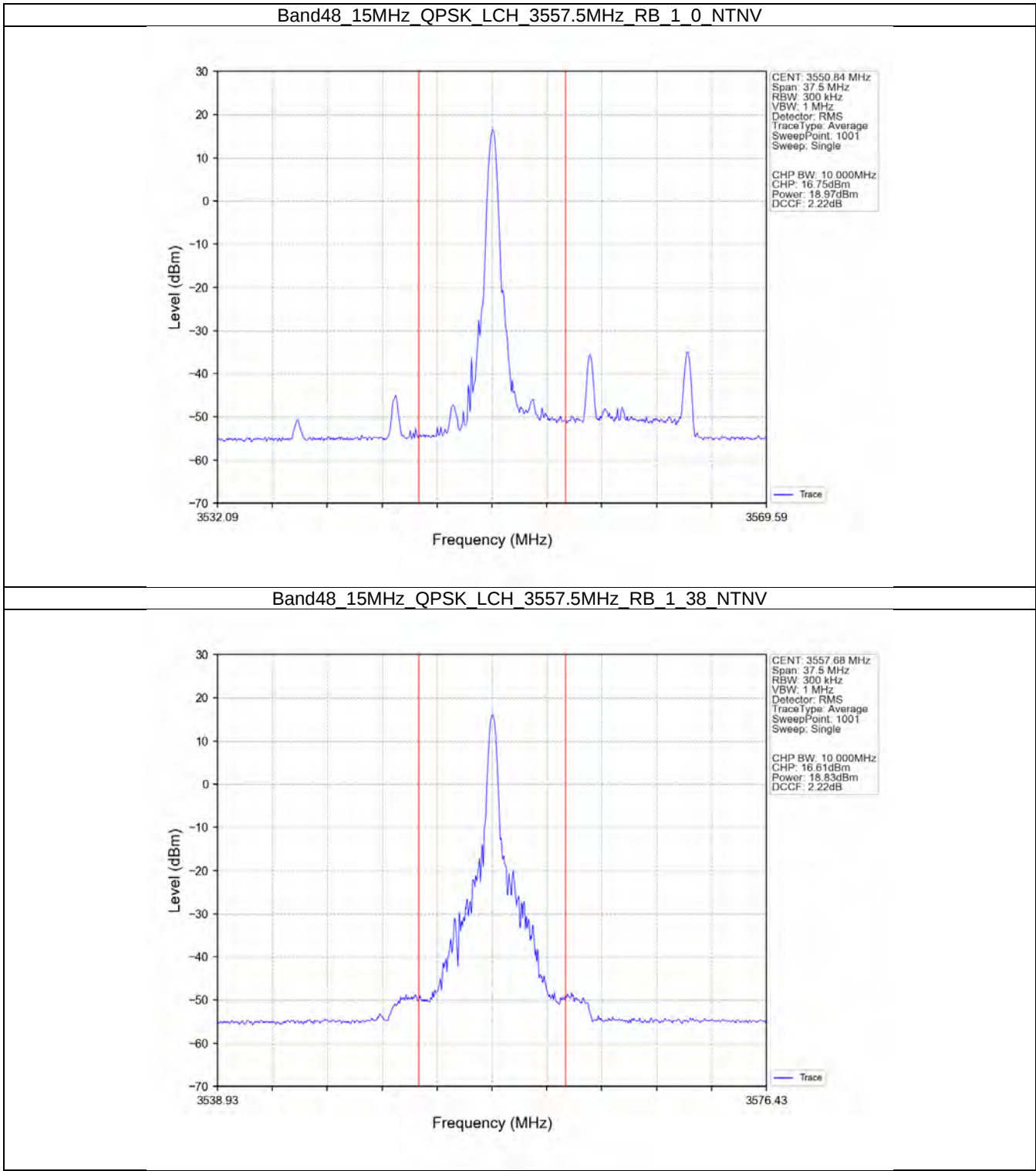
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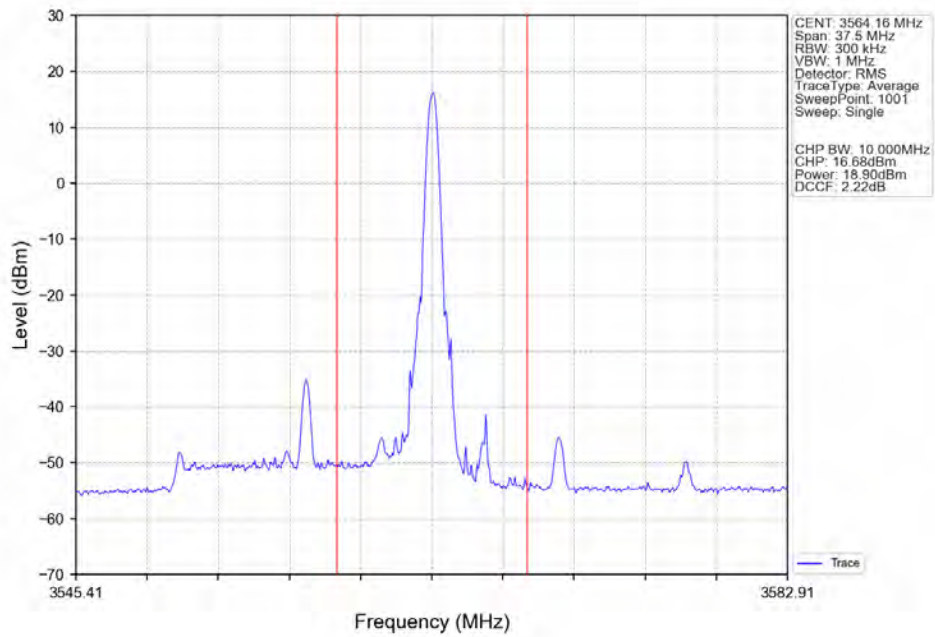
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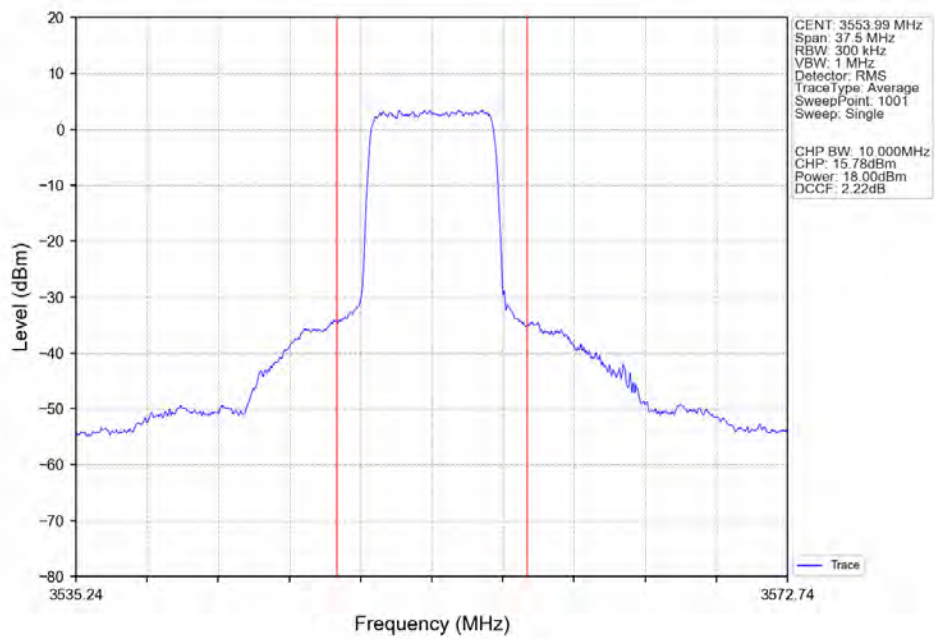
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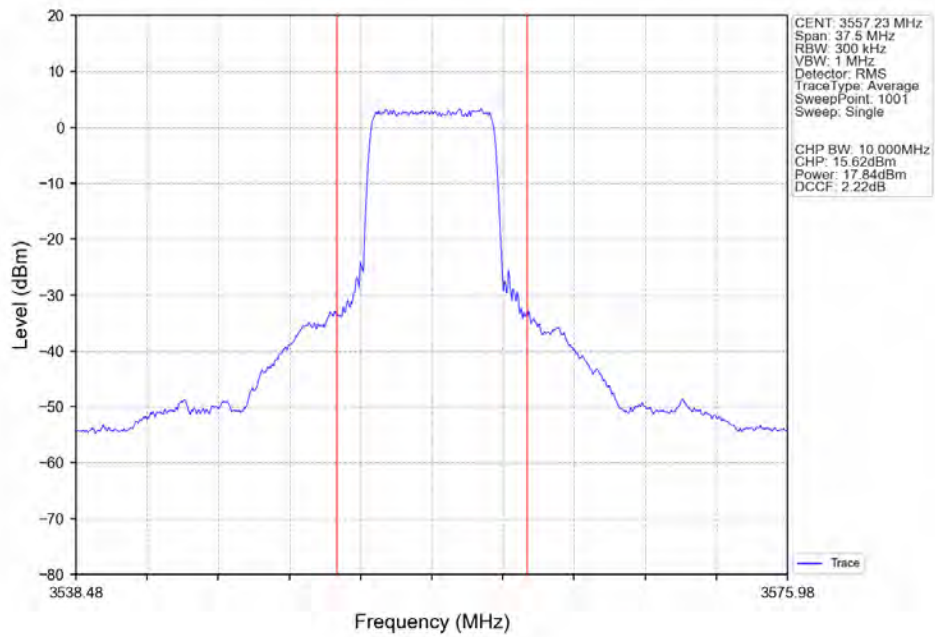
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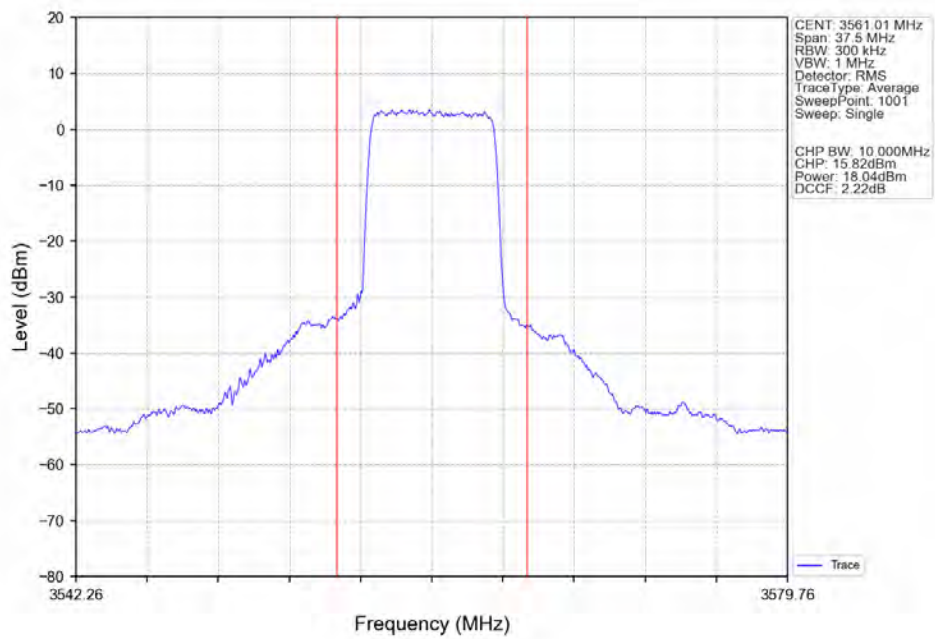
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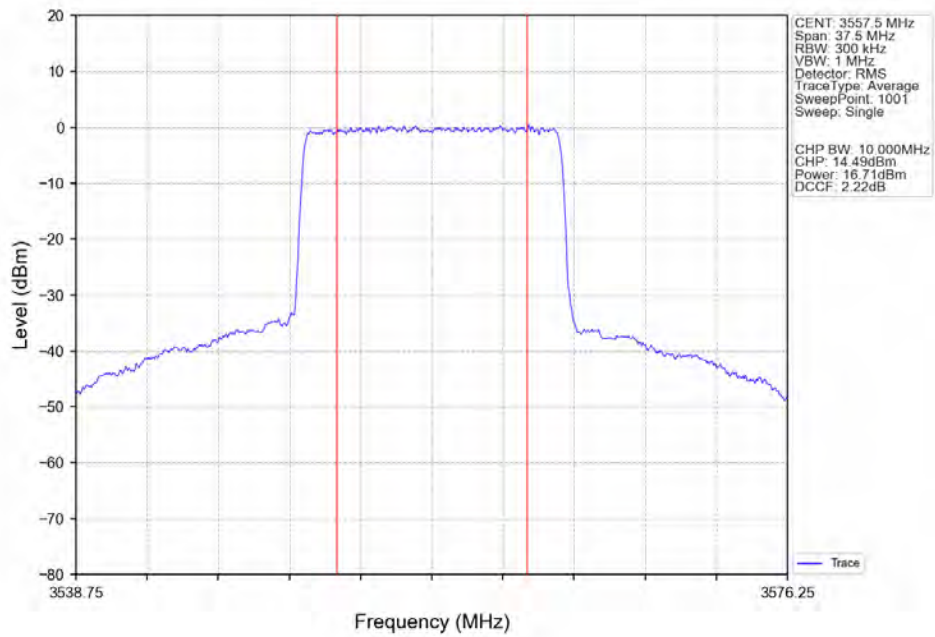
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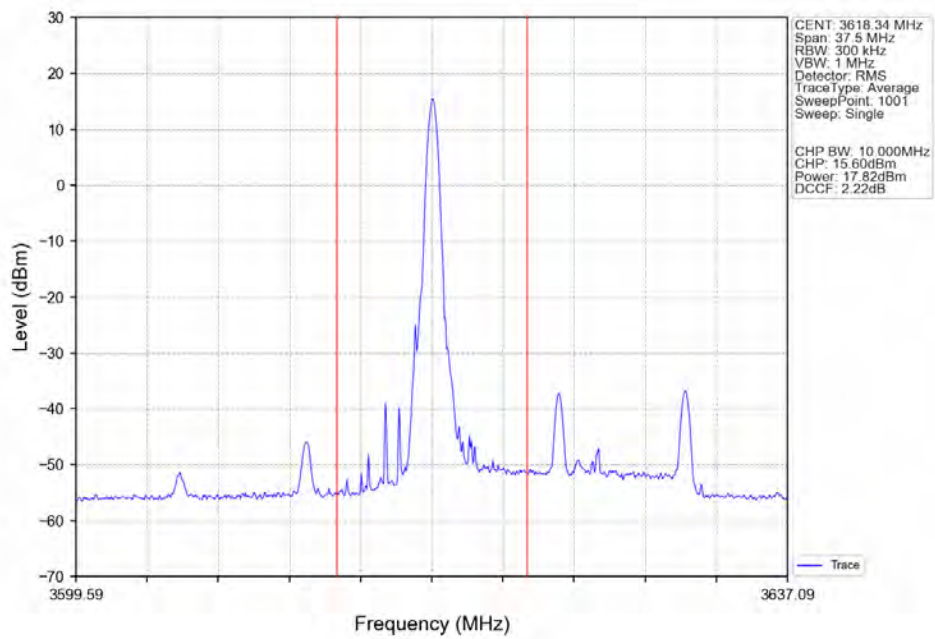
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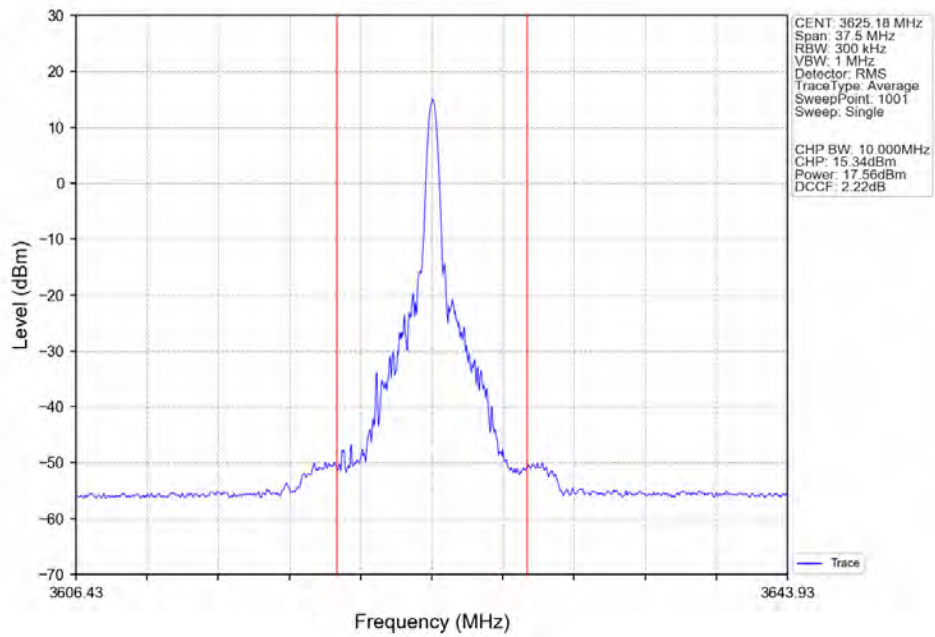
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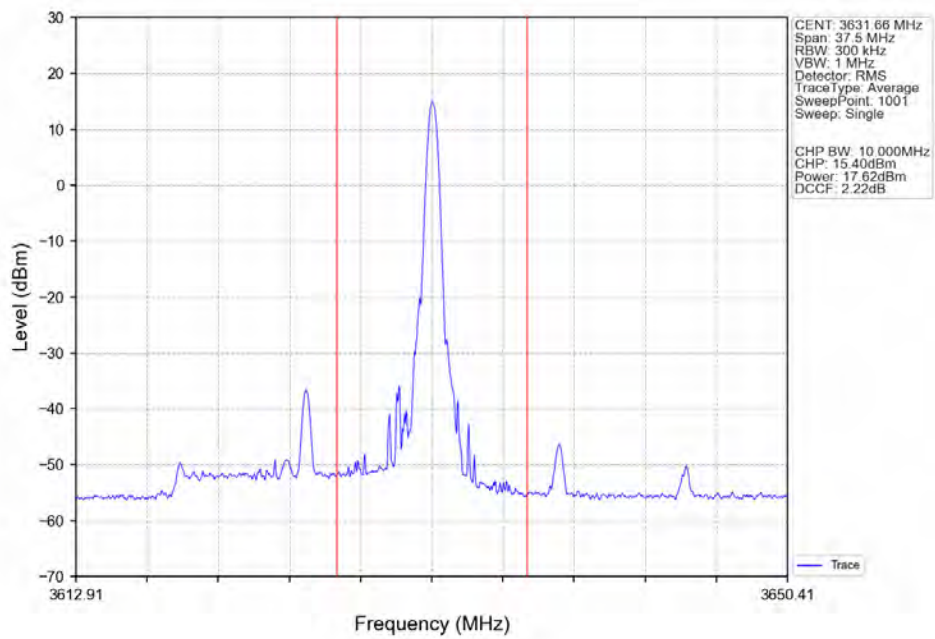
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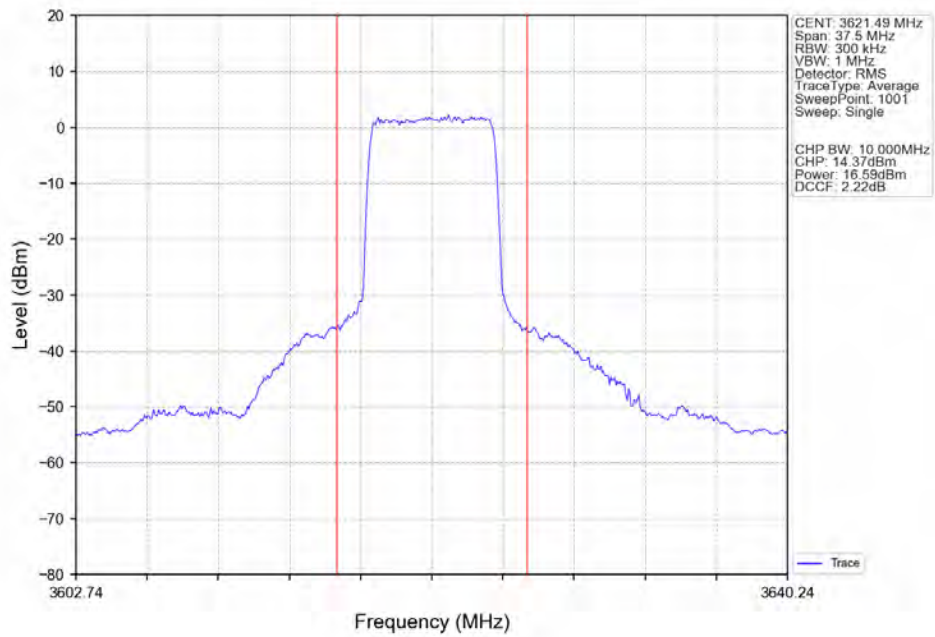
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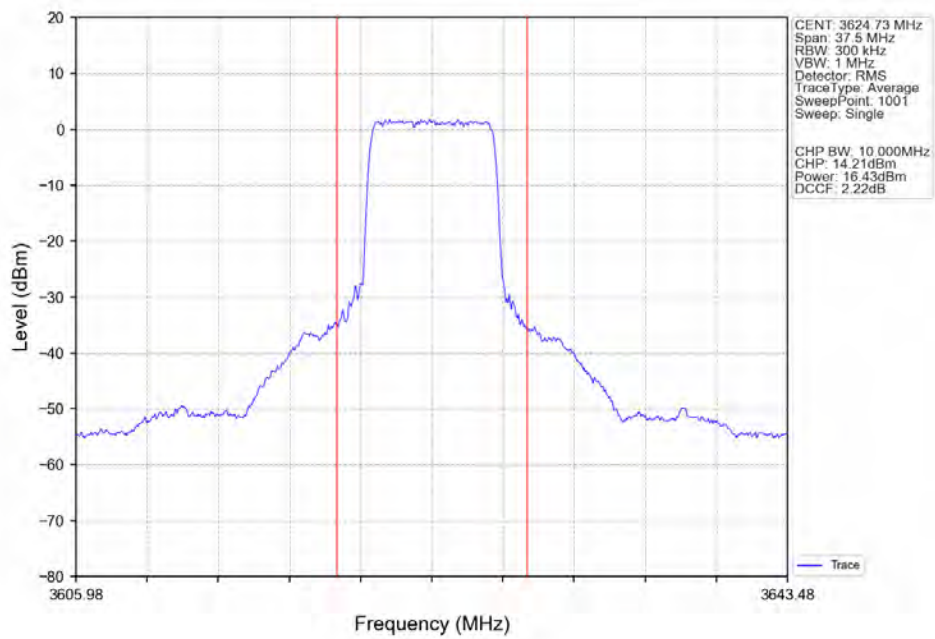
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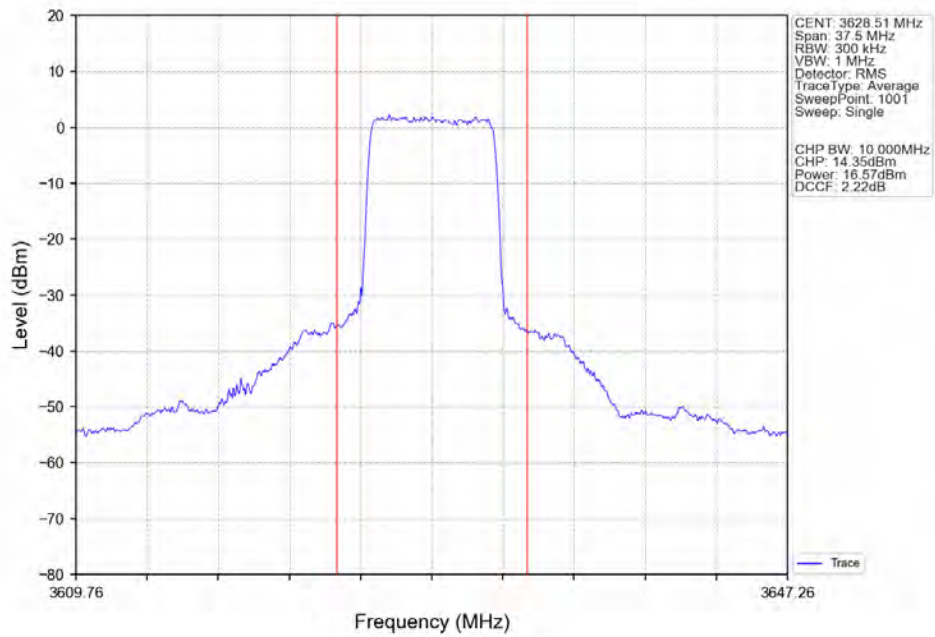
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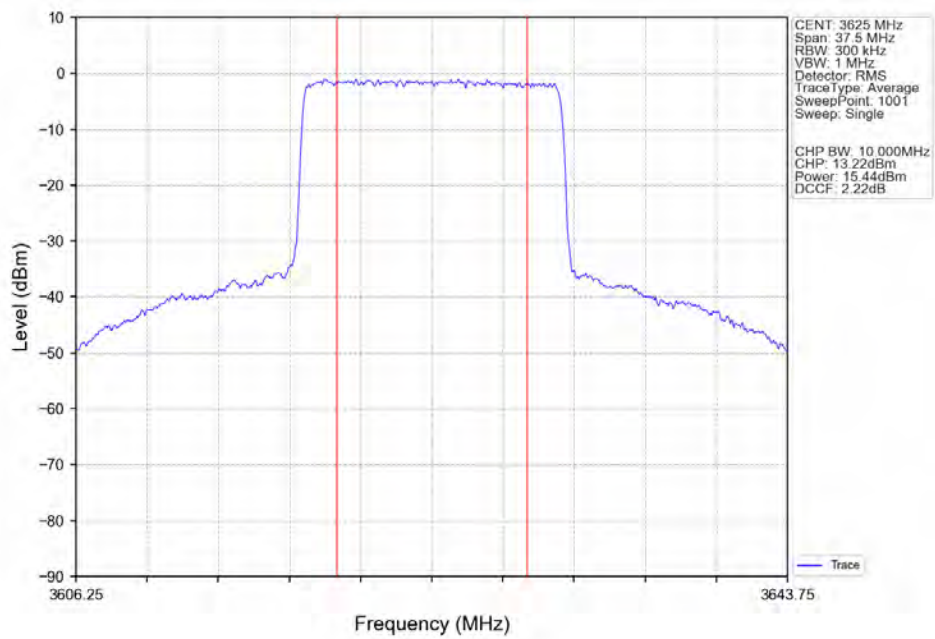
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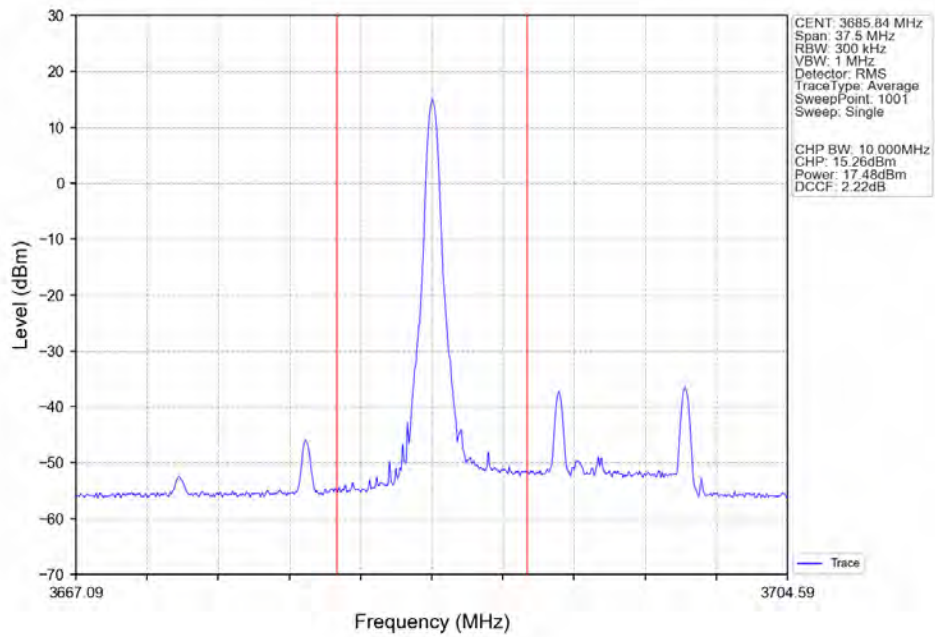
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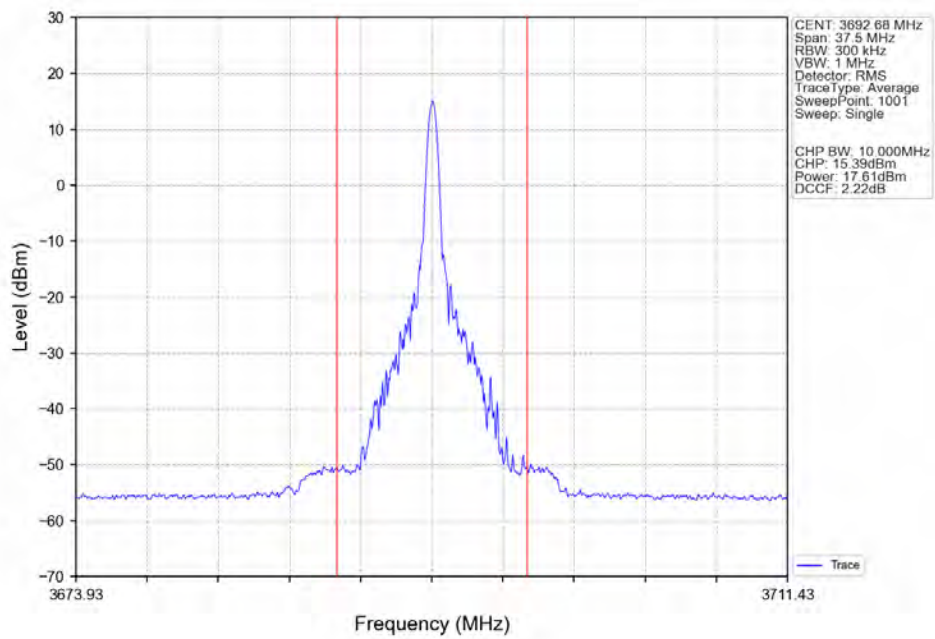
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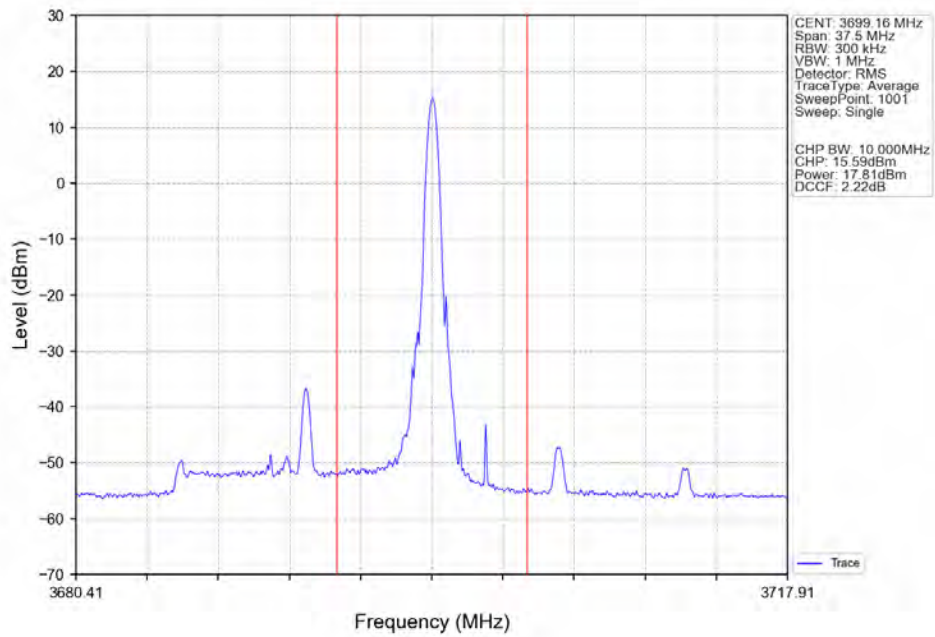
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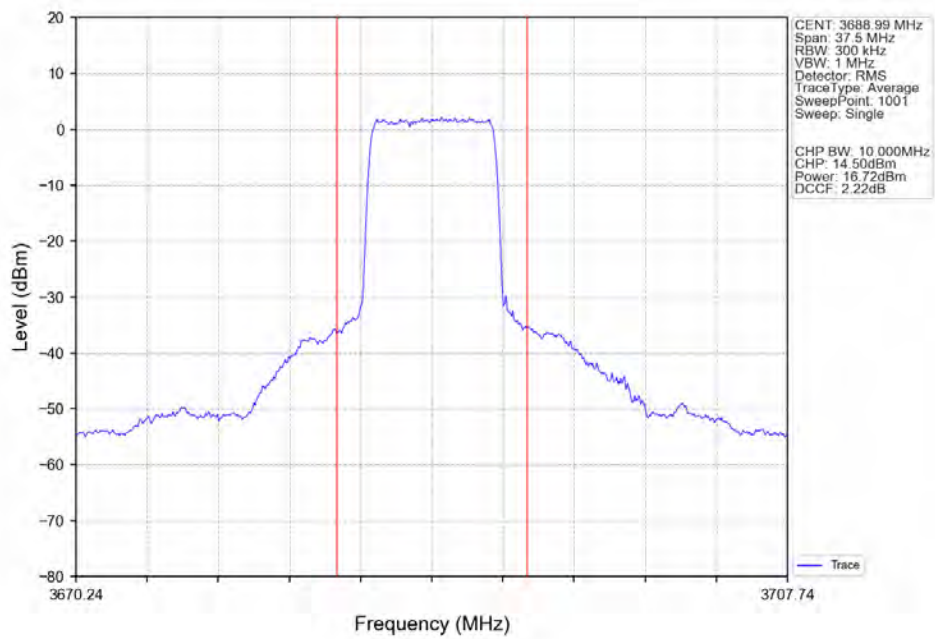
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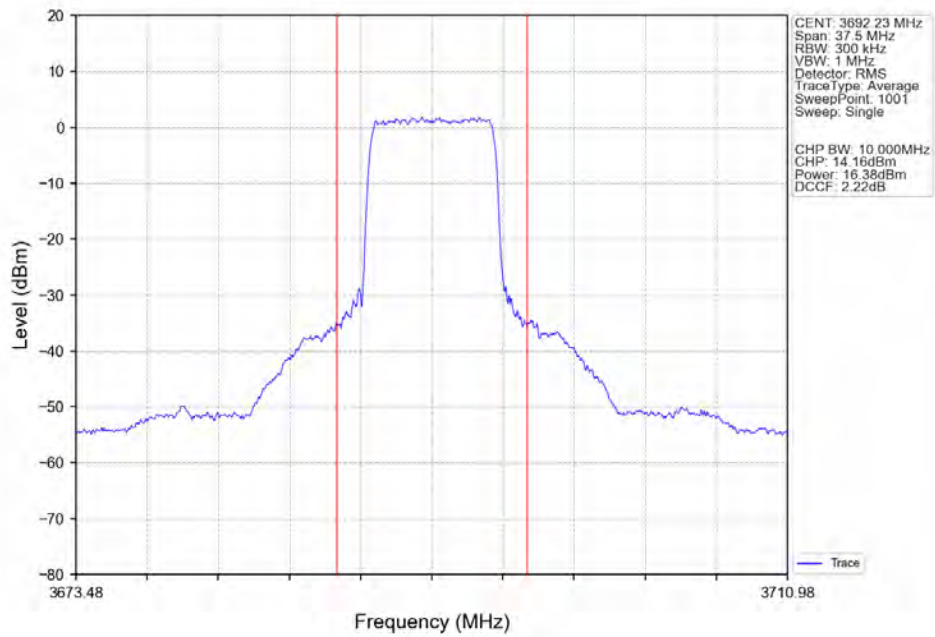
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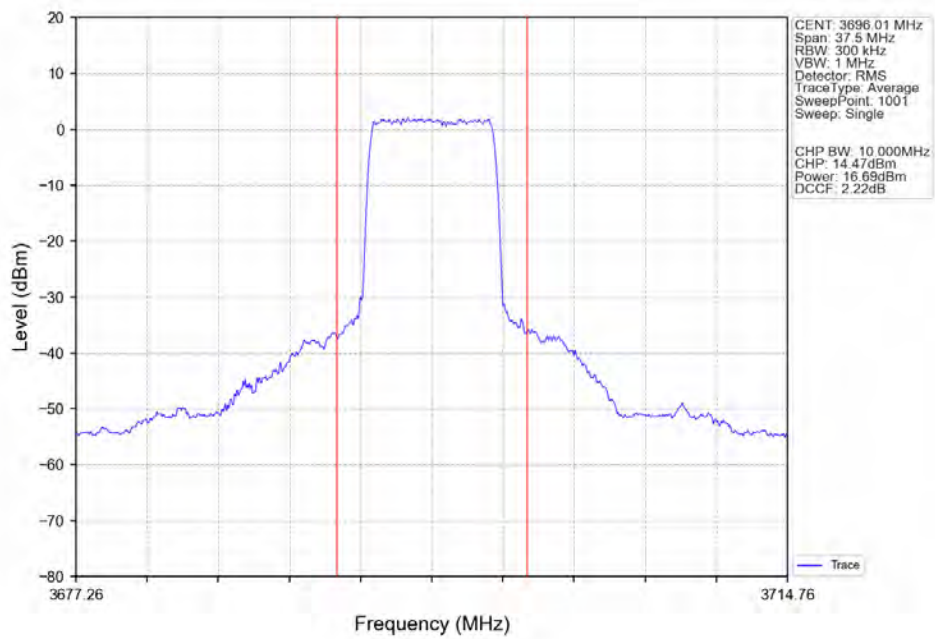
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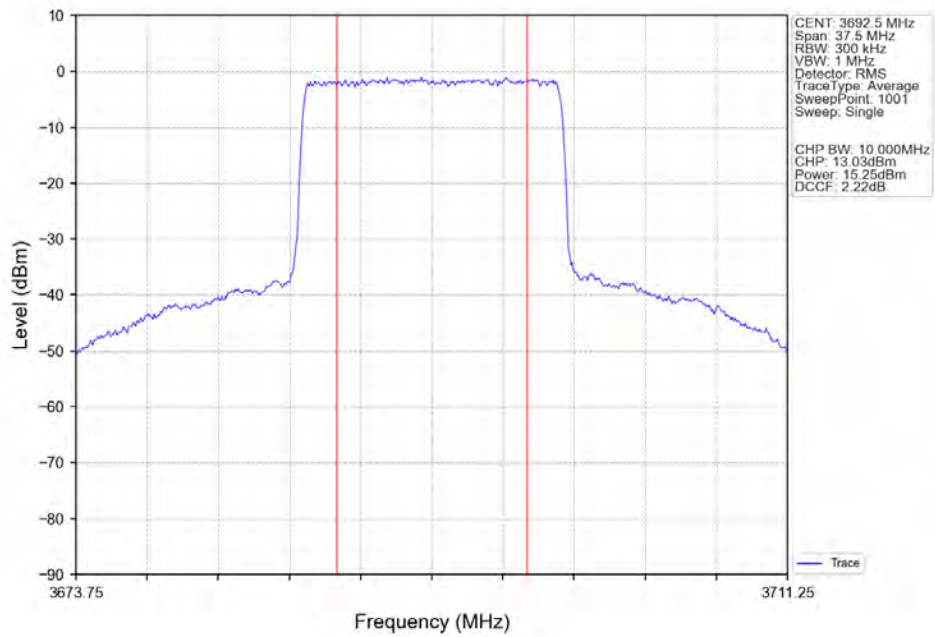
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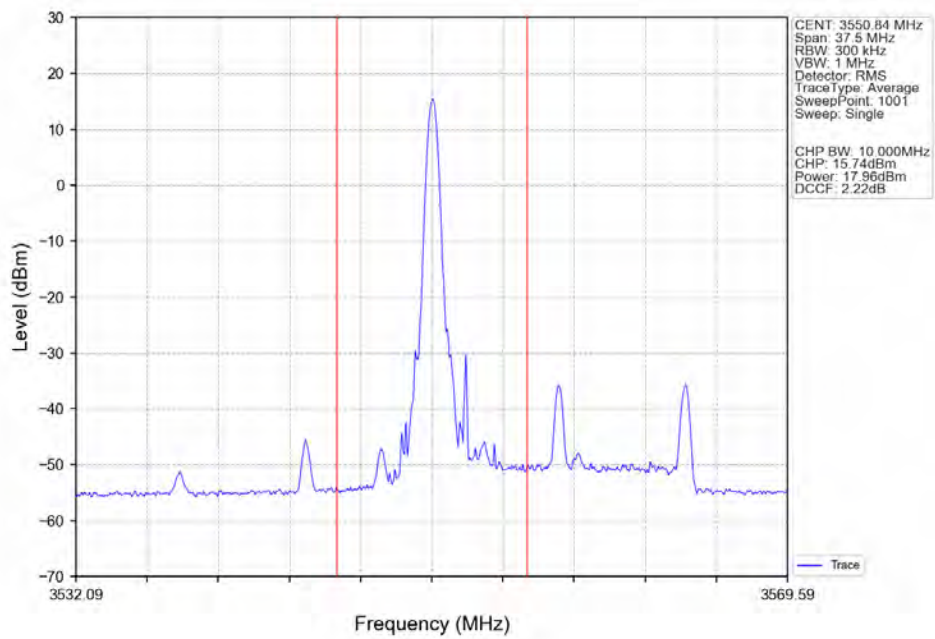
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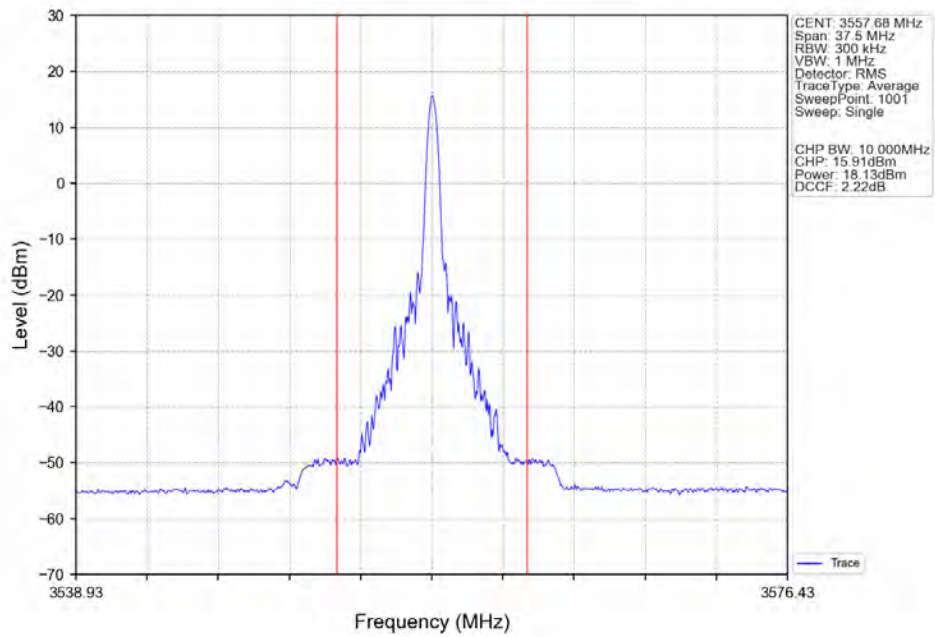
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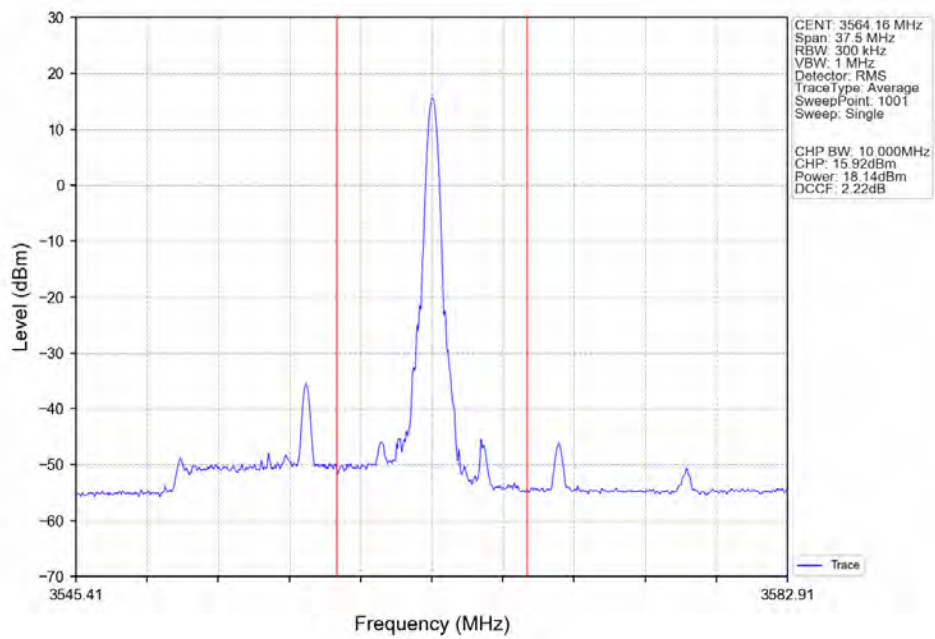
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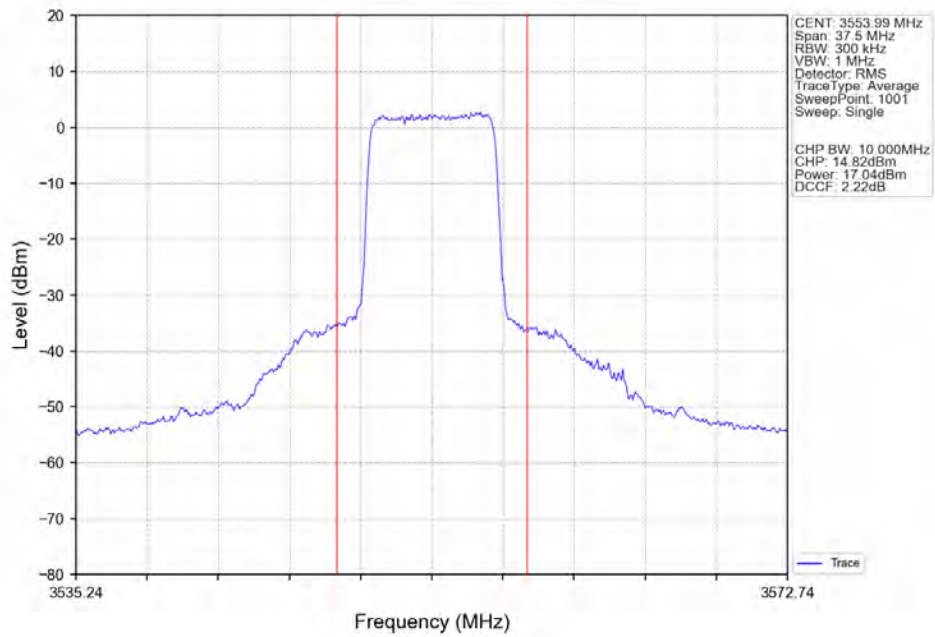
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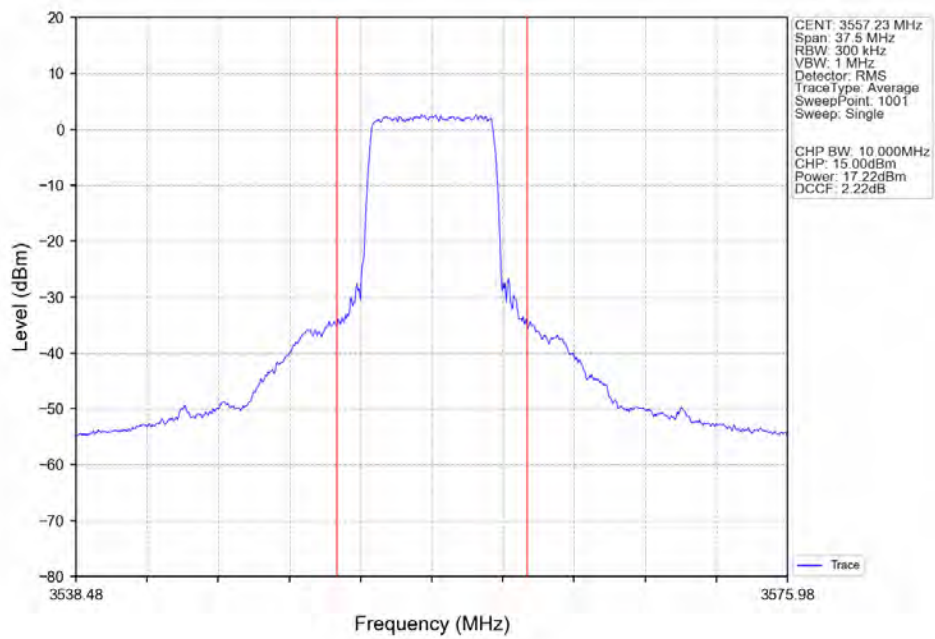
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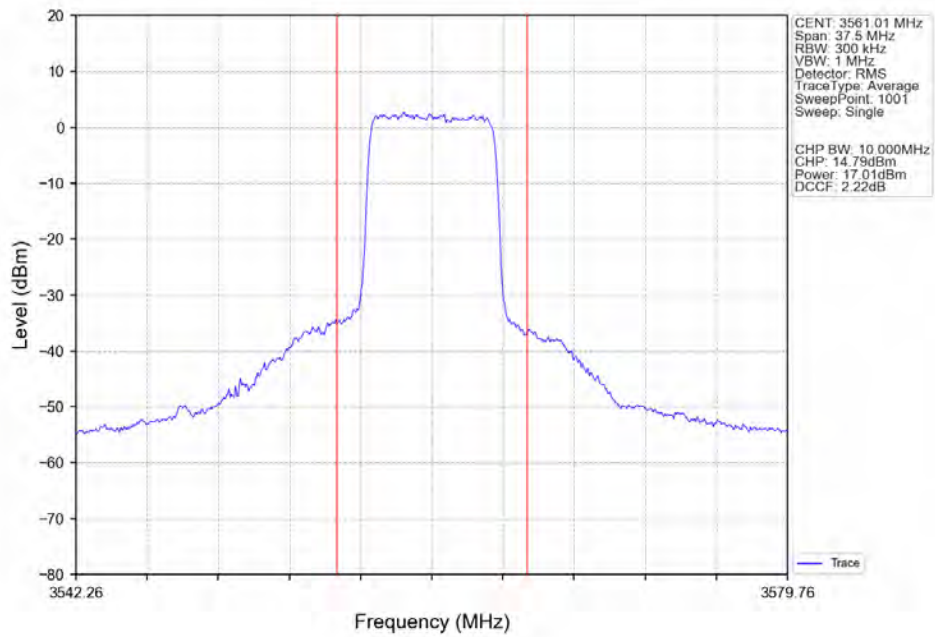
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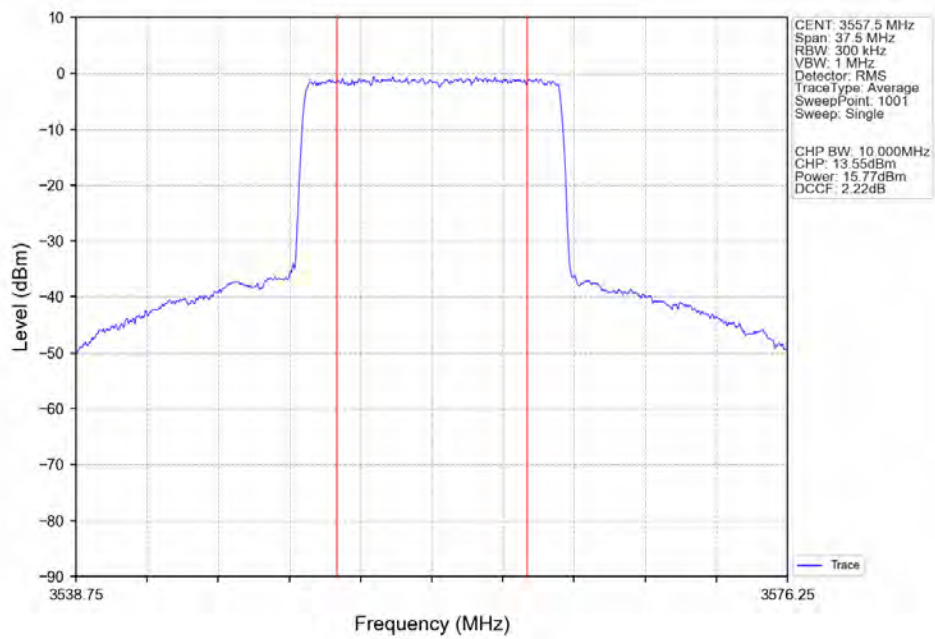
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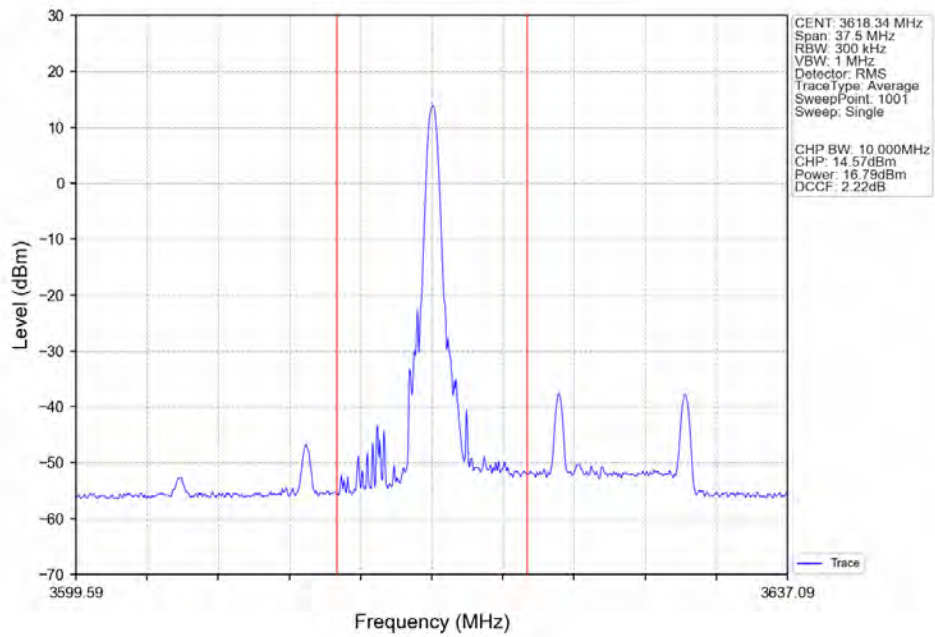
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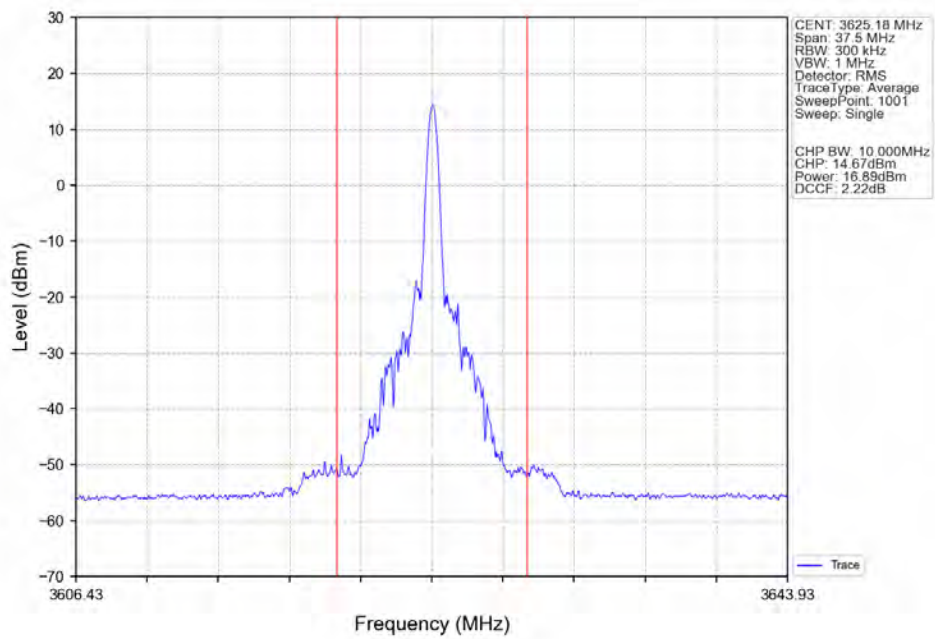
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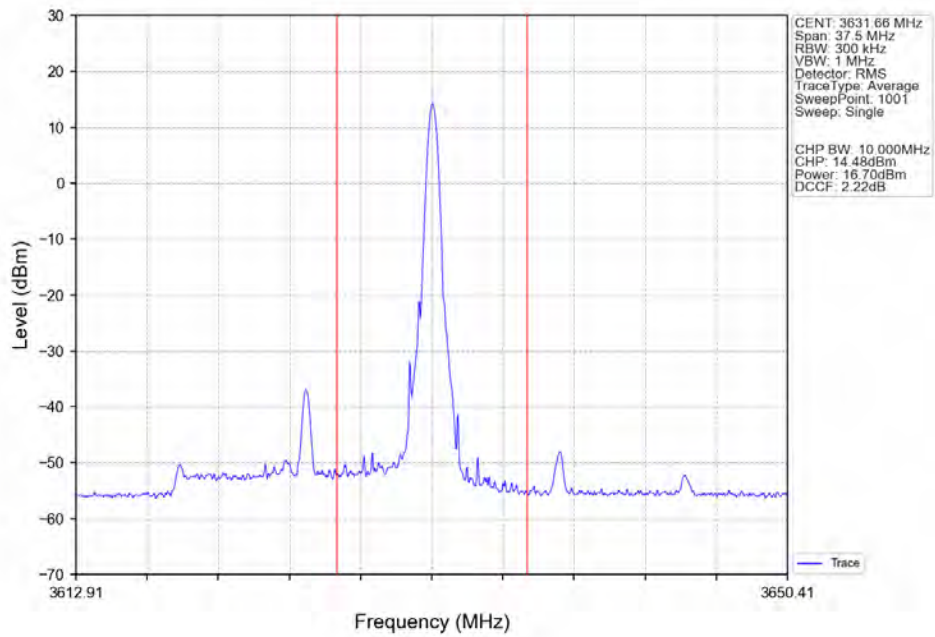
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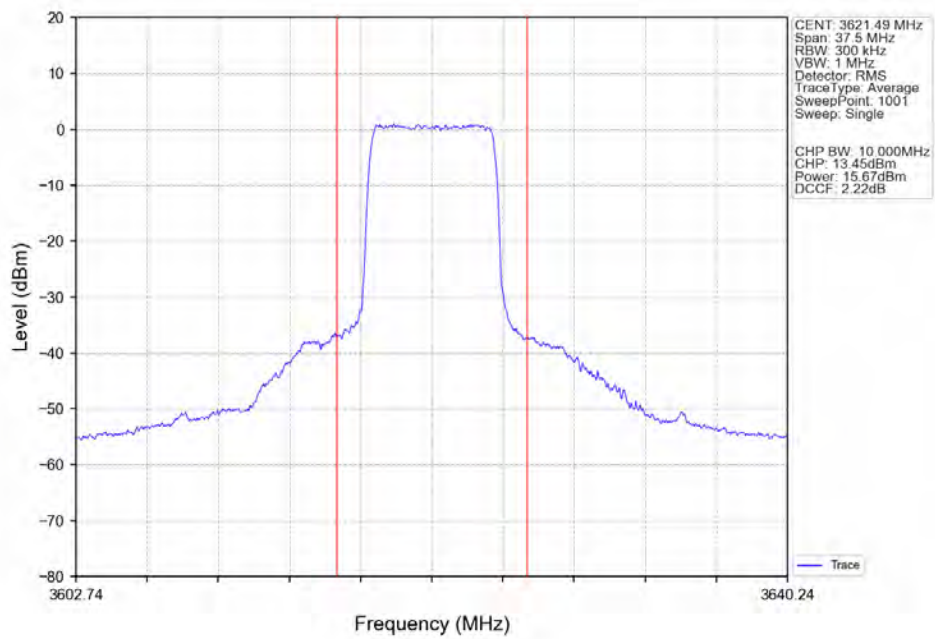
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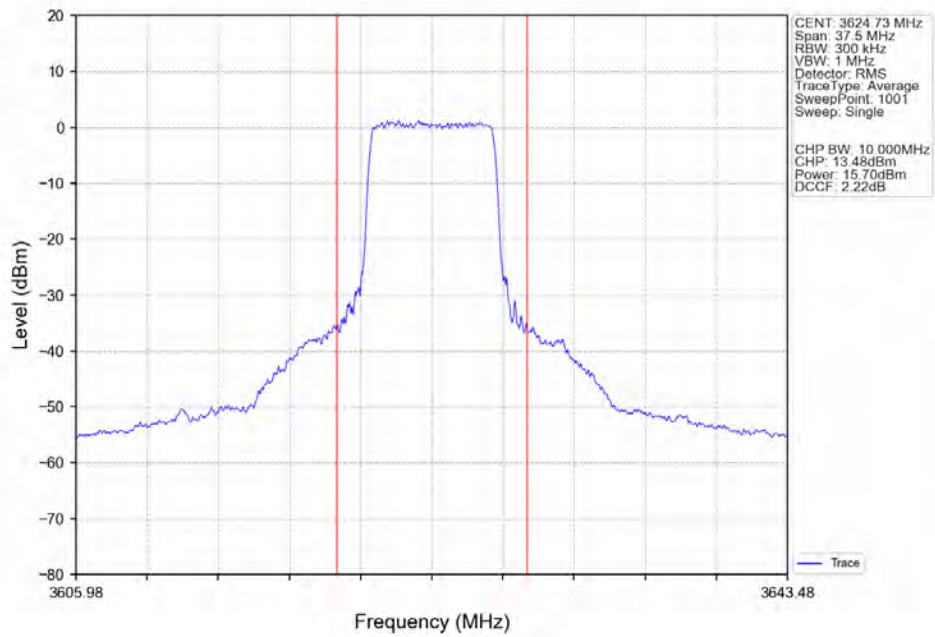
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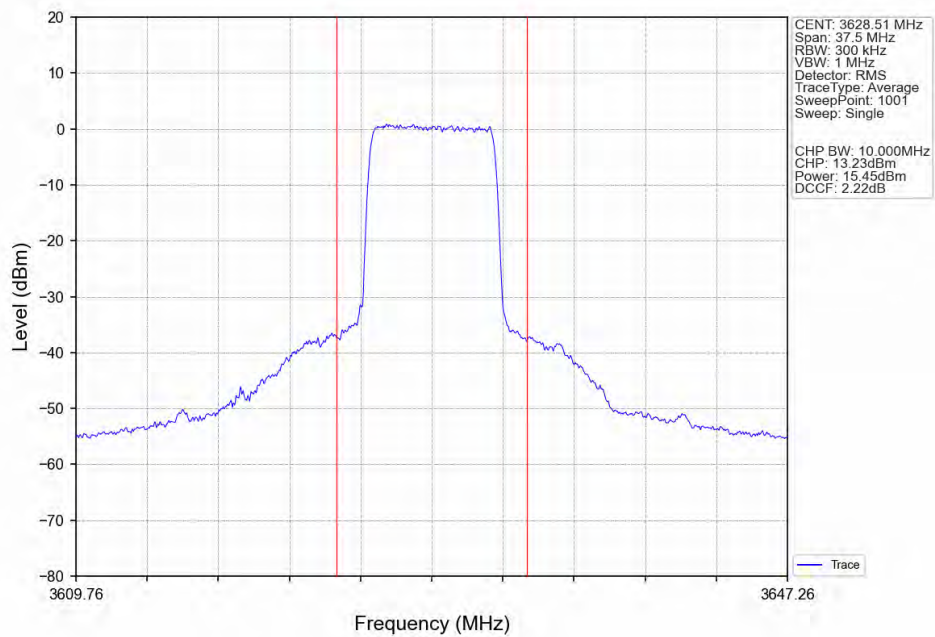
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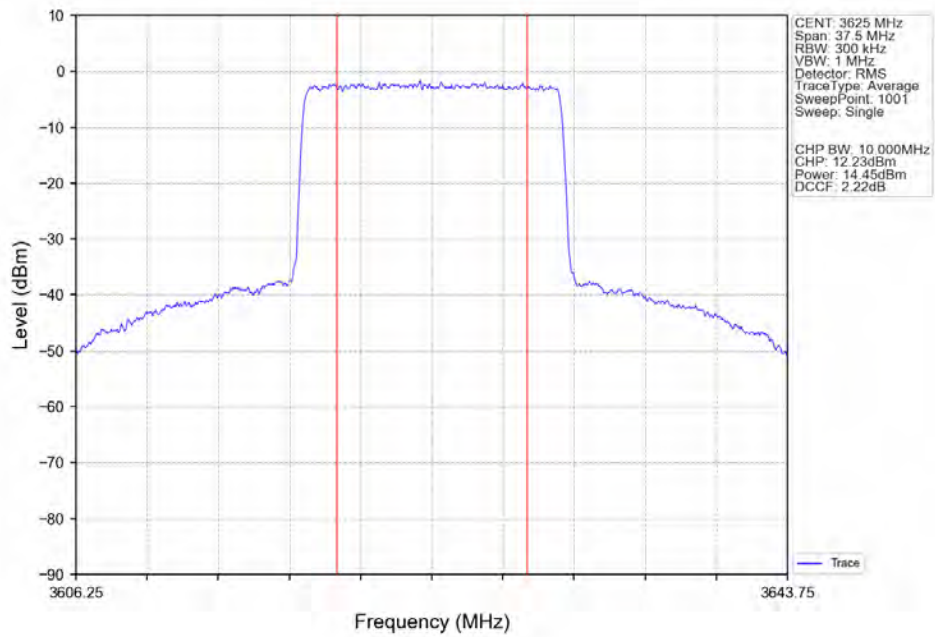
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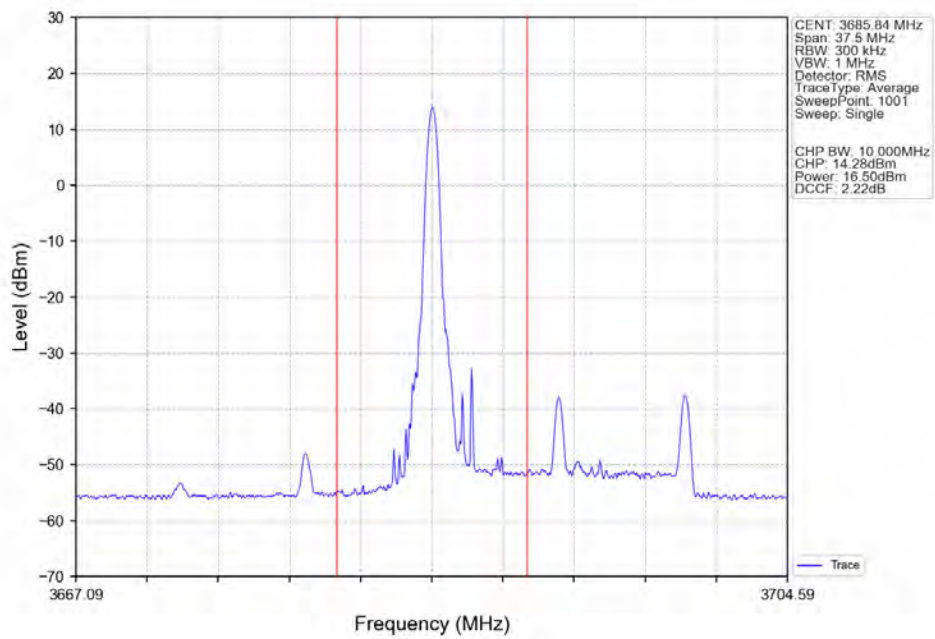
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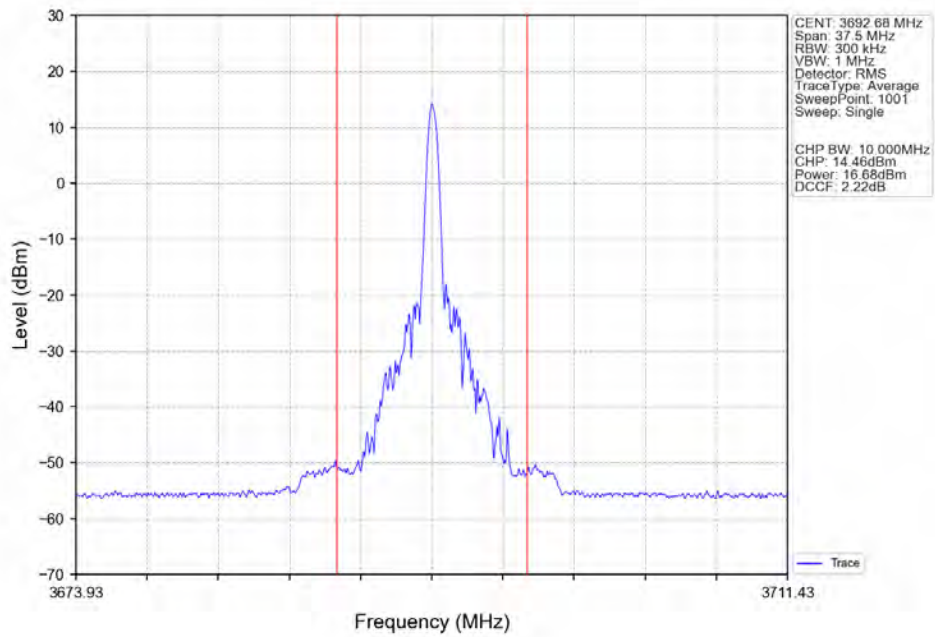
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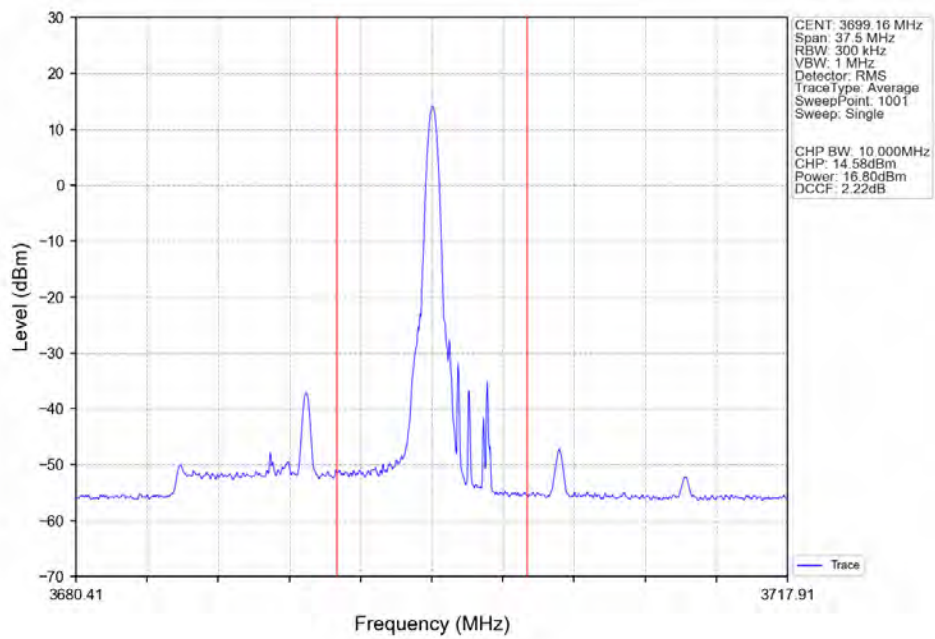
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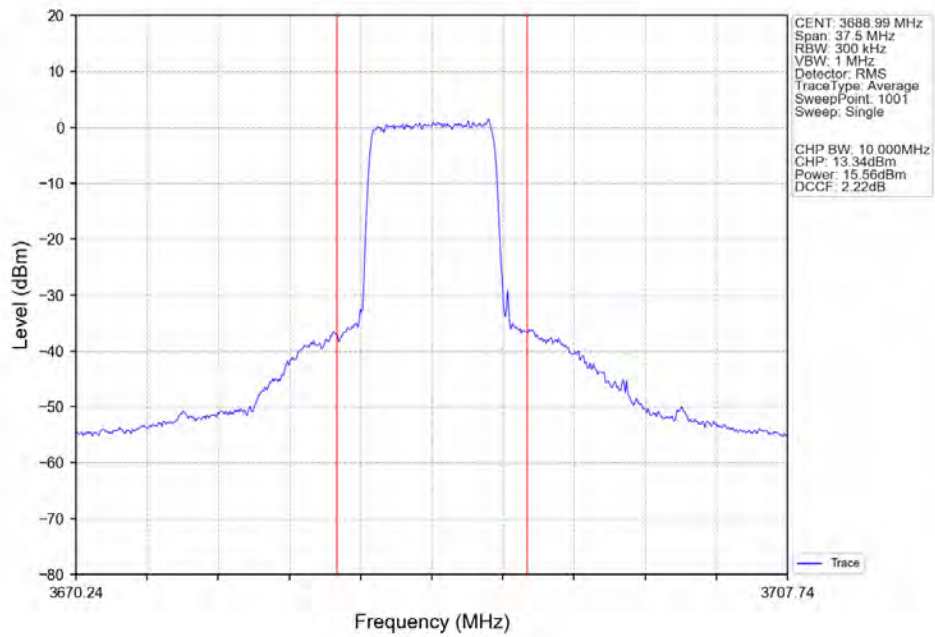
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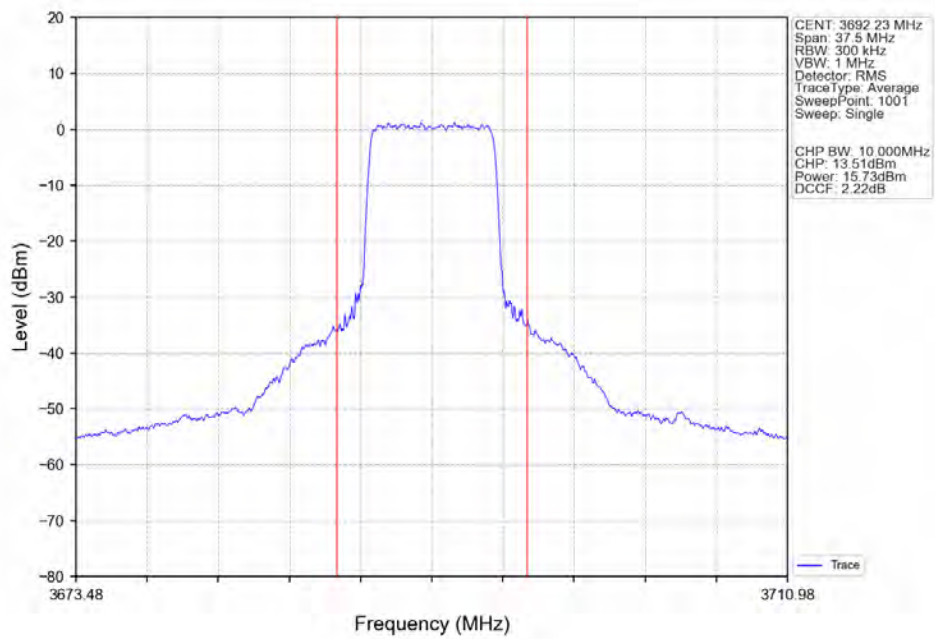
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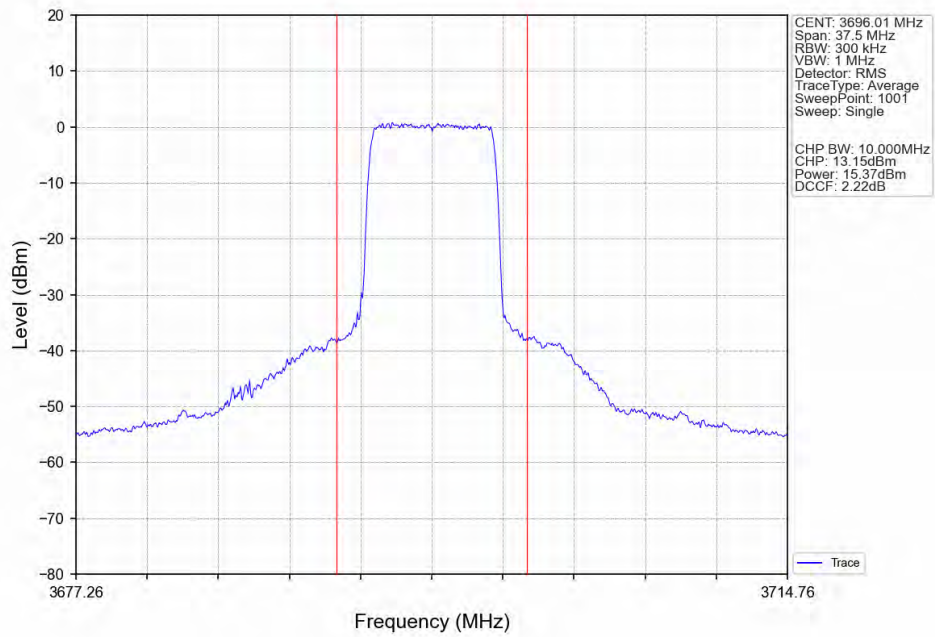
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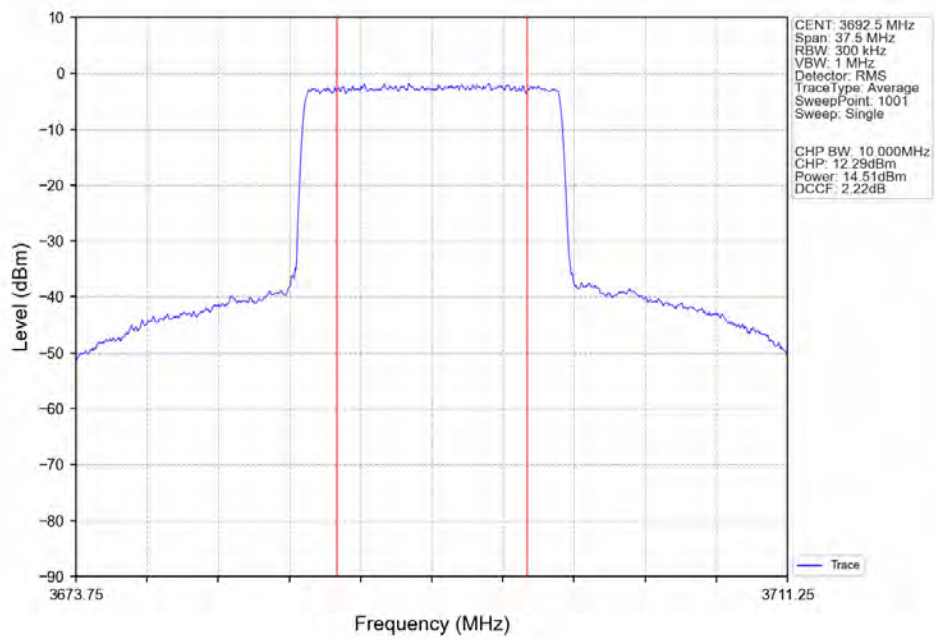
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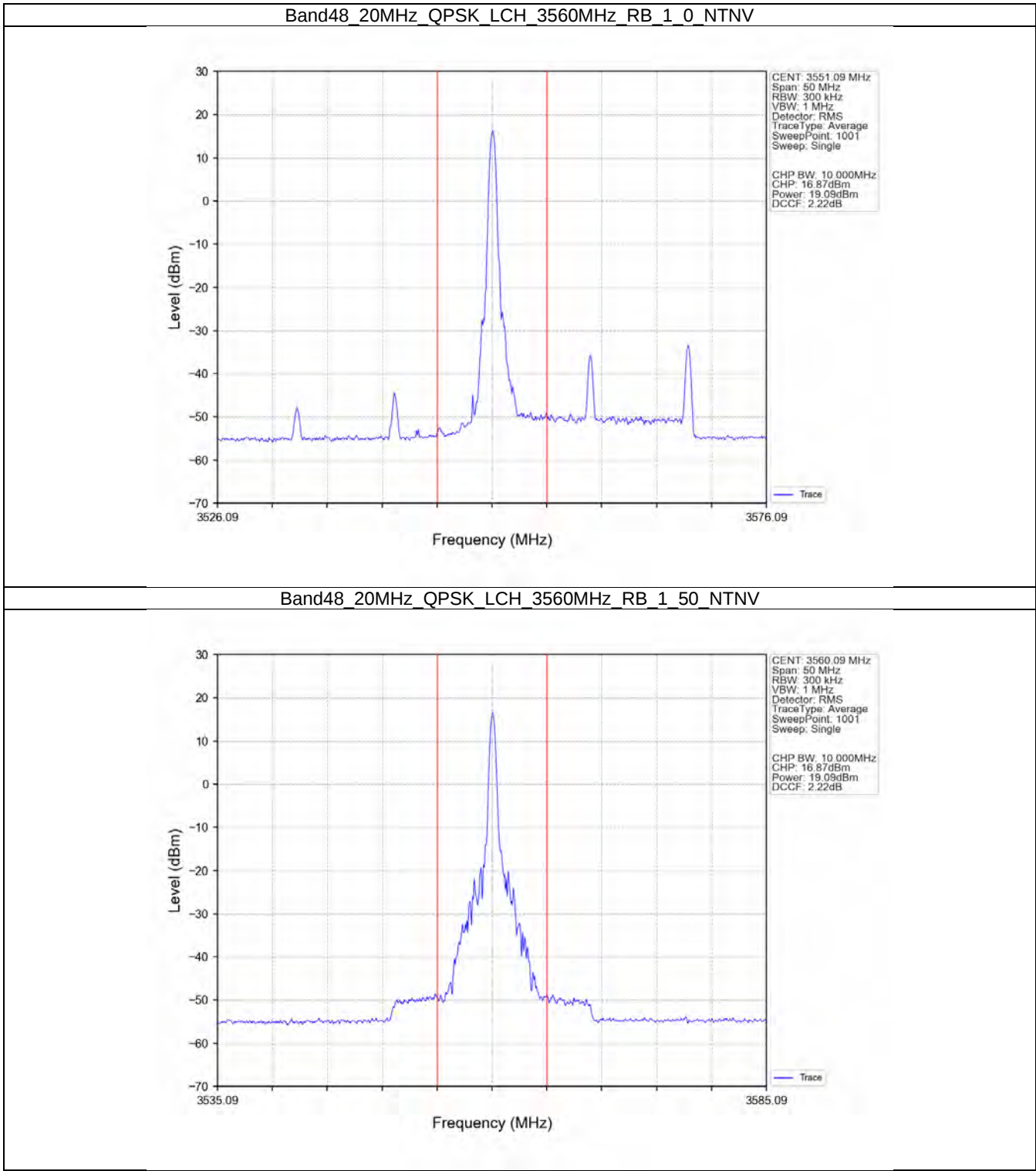
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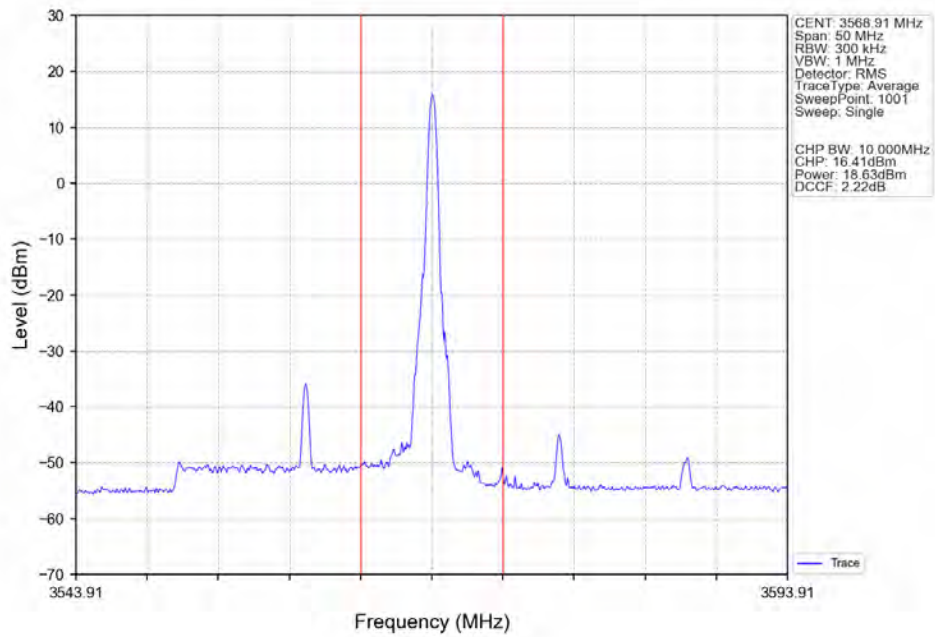
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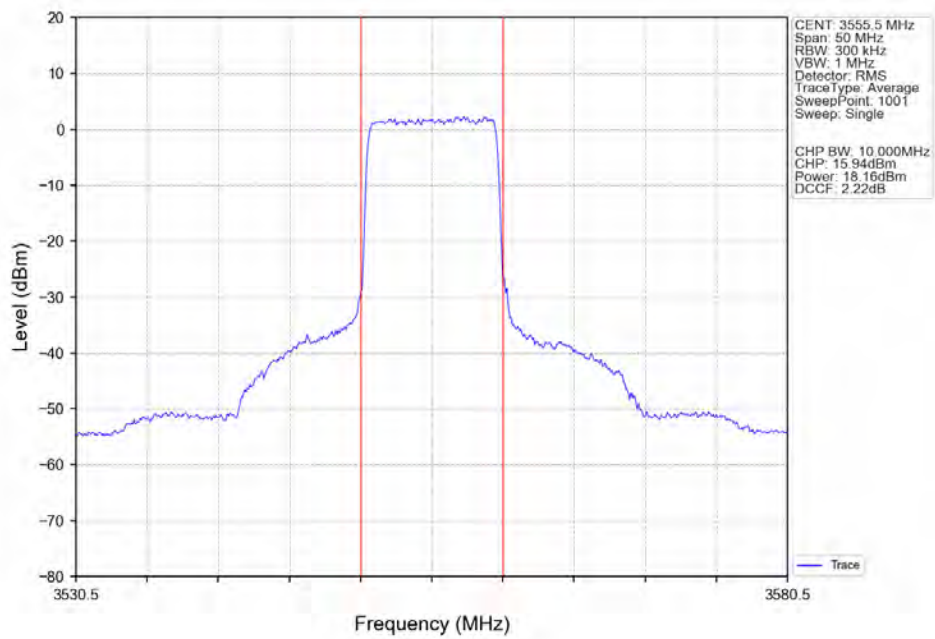
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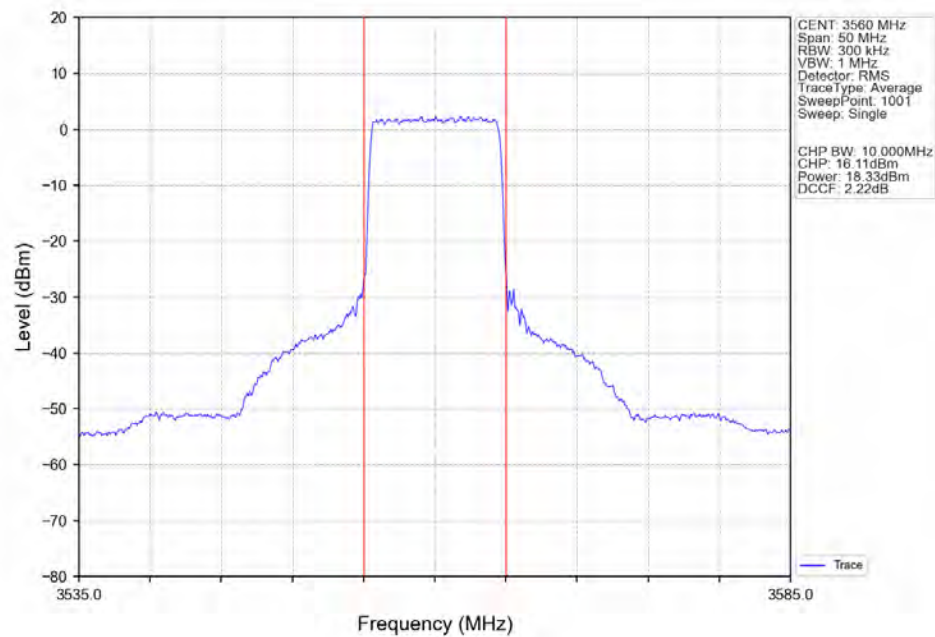
Band48 20MHz QPSK LCH 3560MHz RB 1 99 NTNV



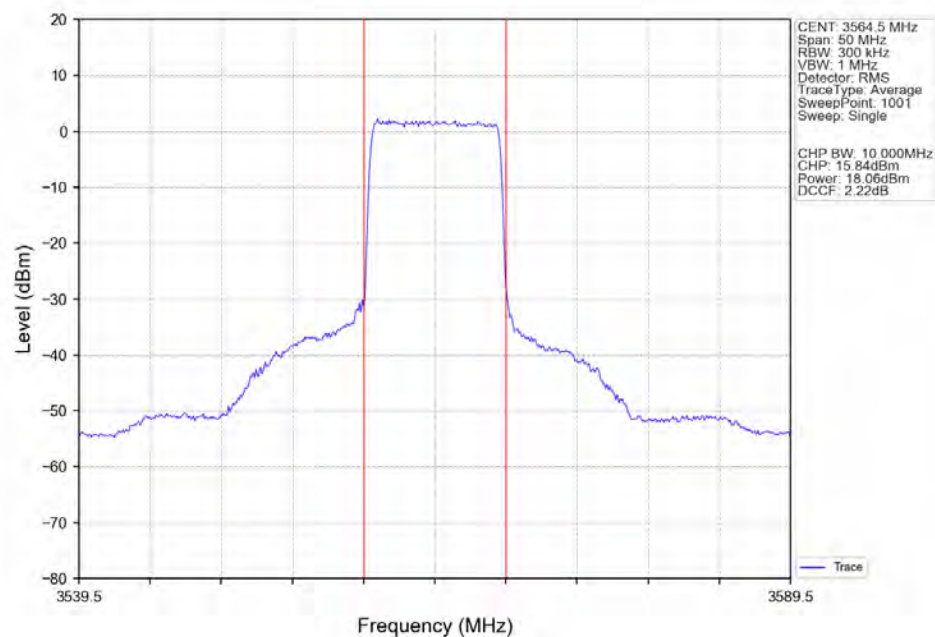
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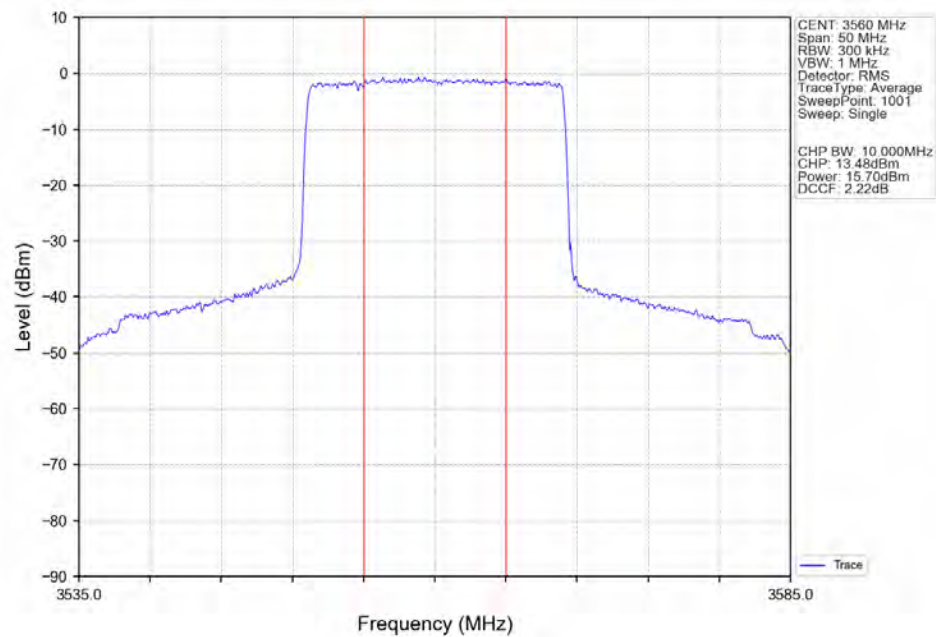
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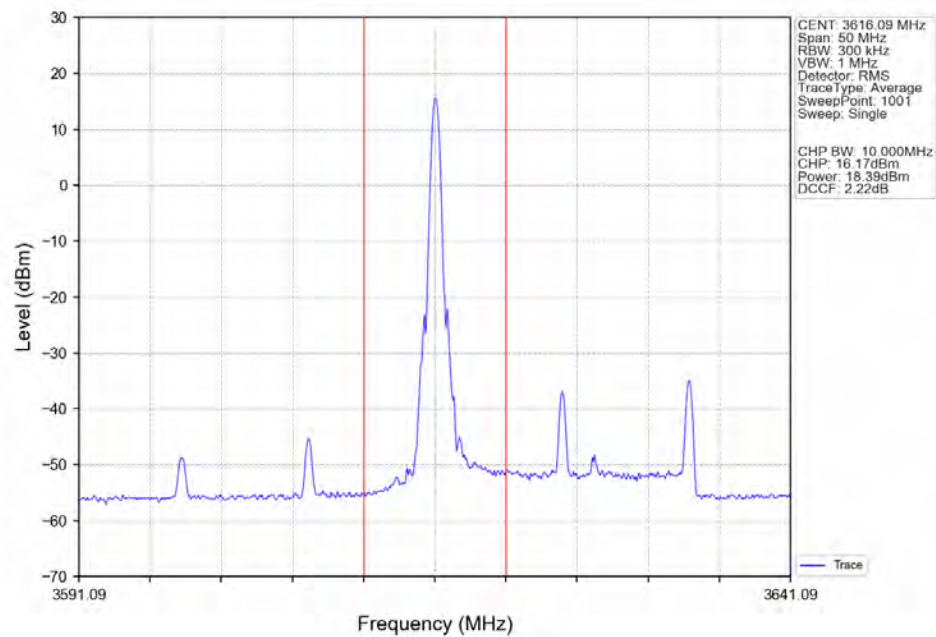
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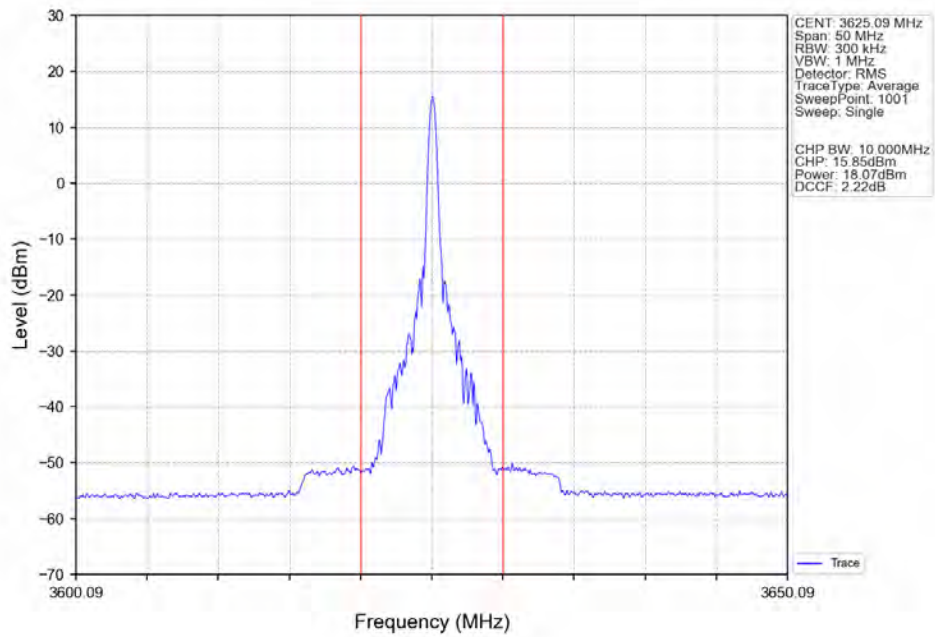
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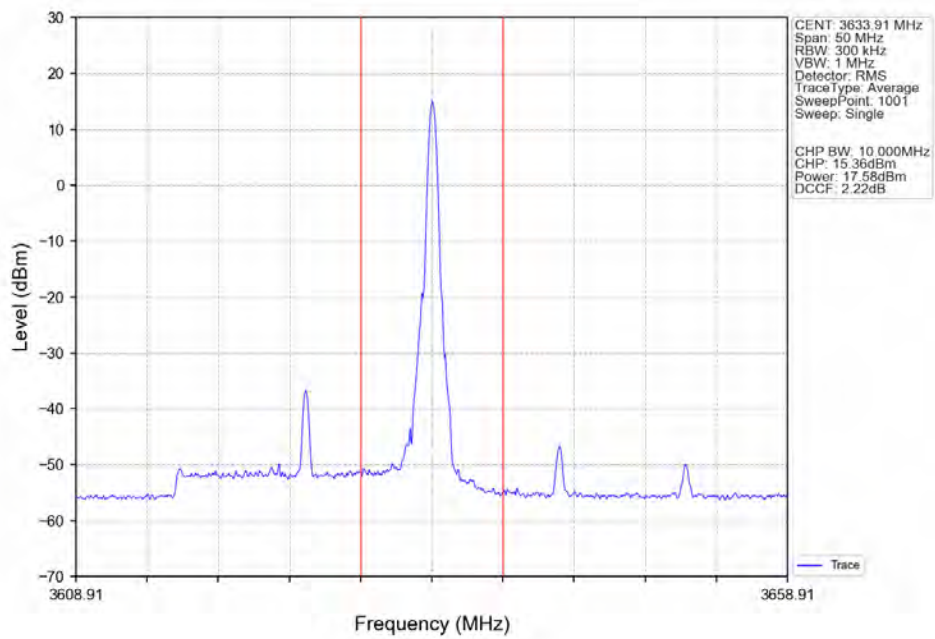
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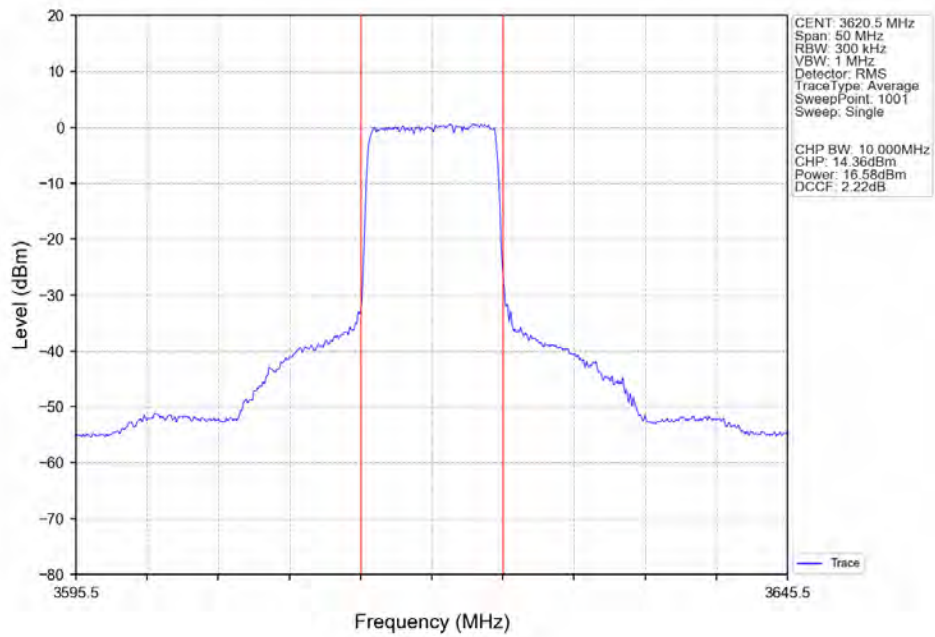
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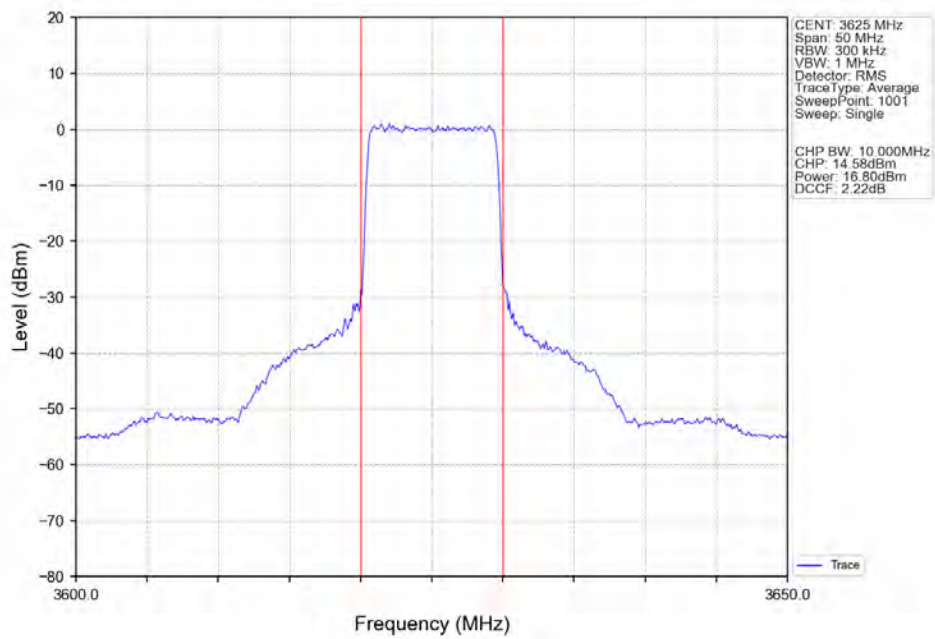
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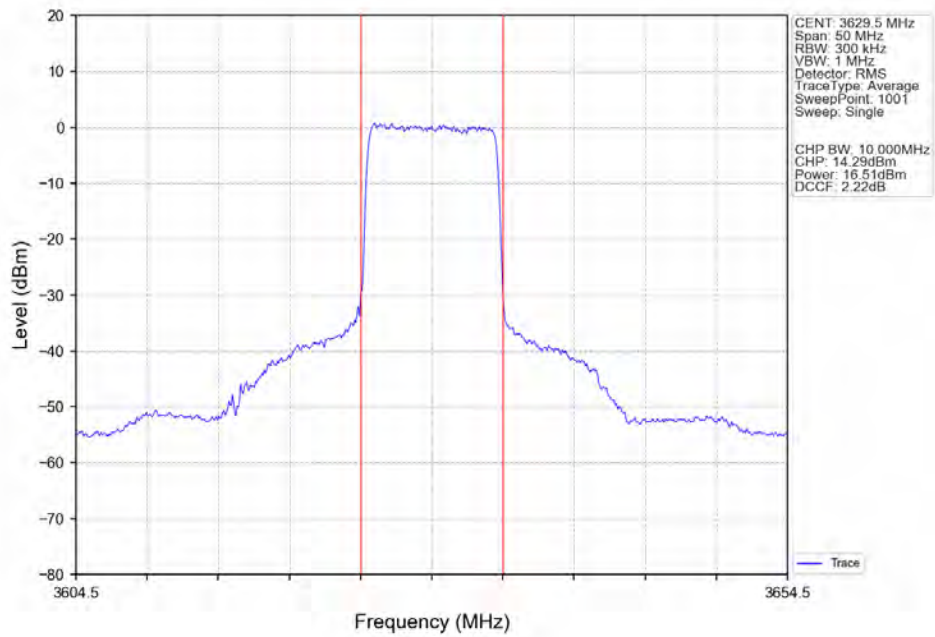
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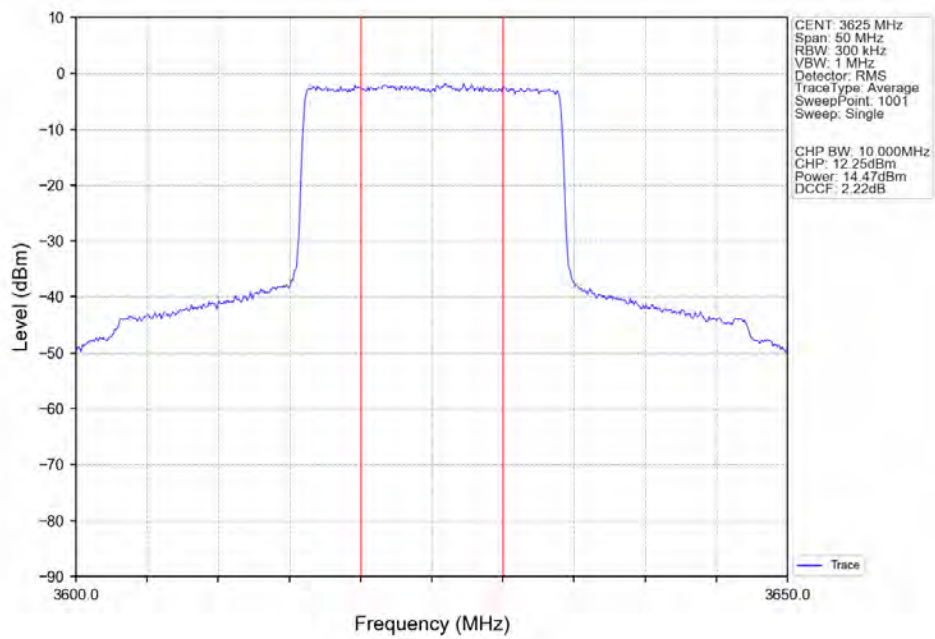
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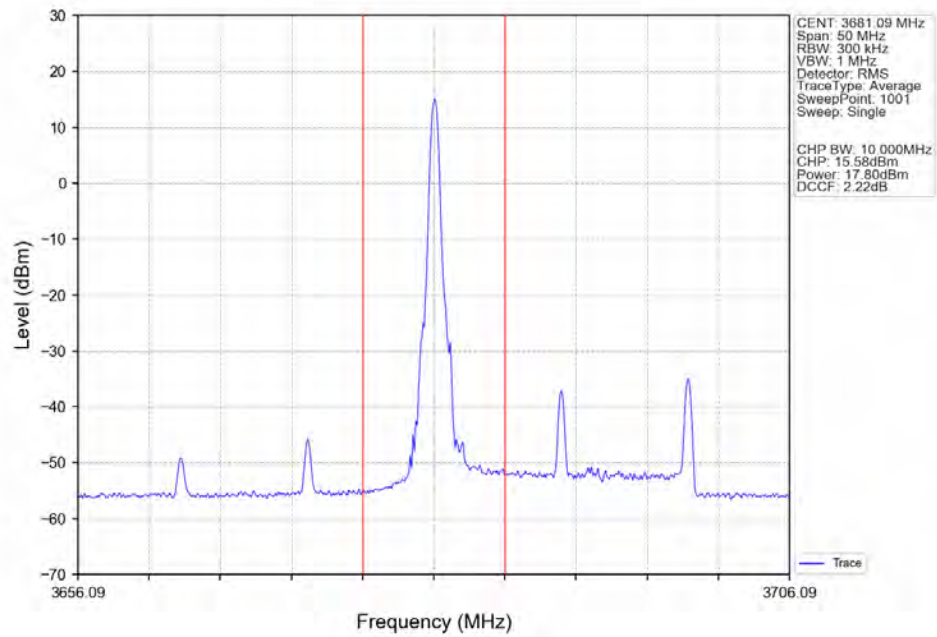
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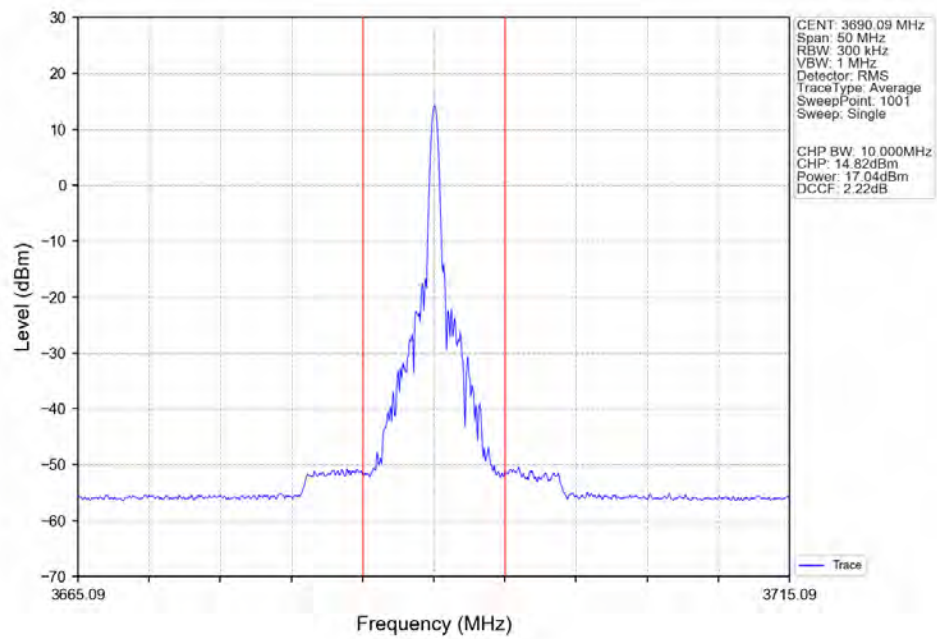
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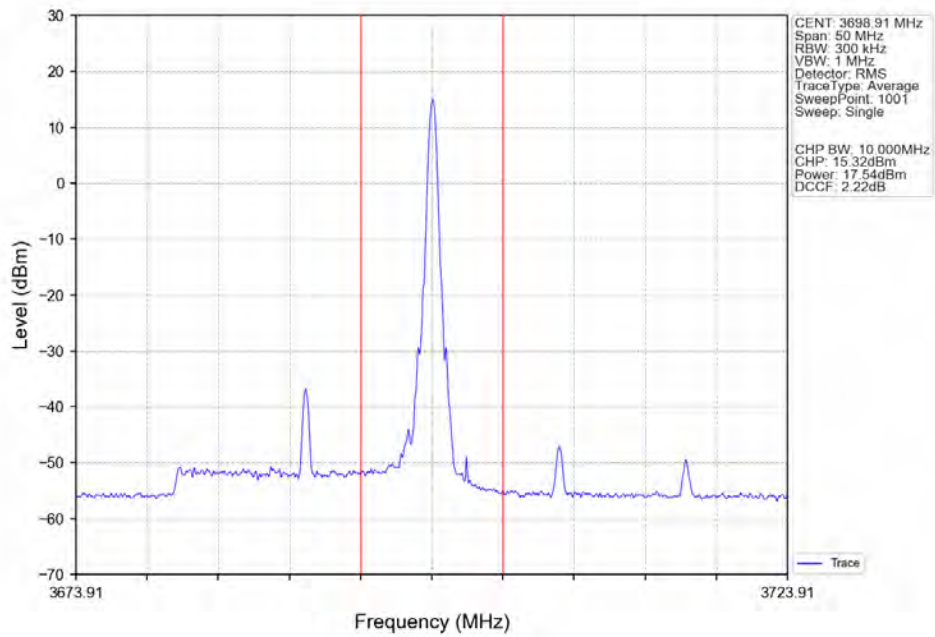
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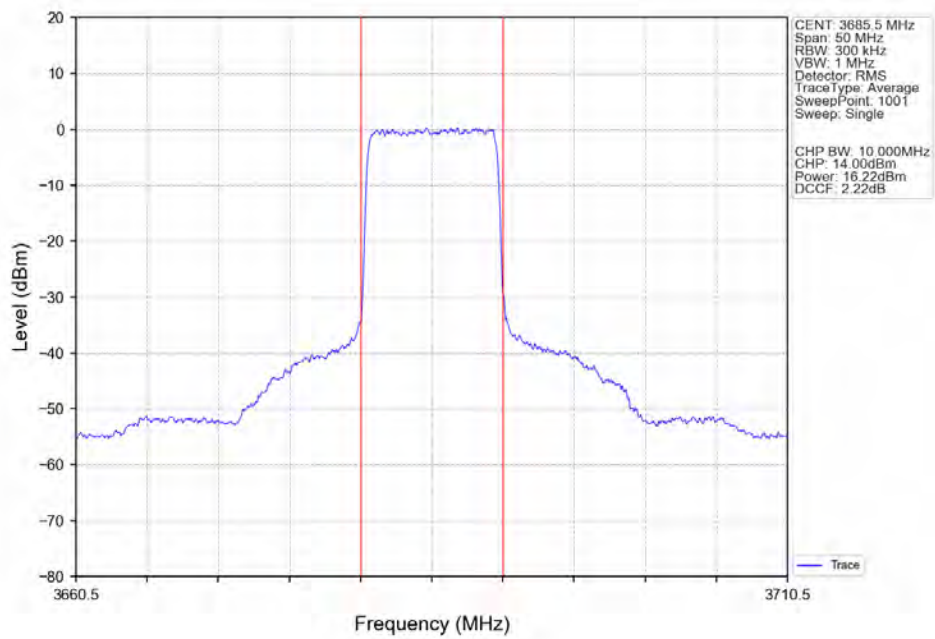
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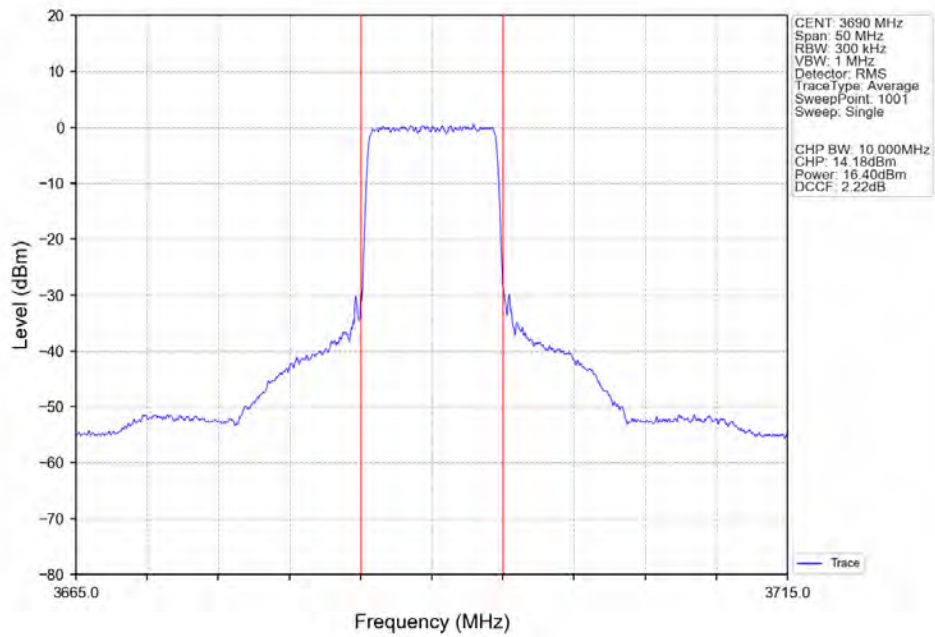
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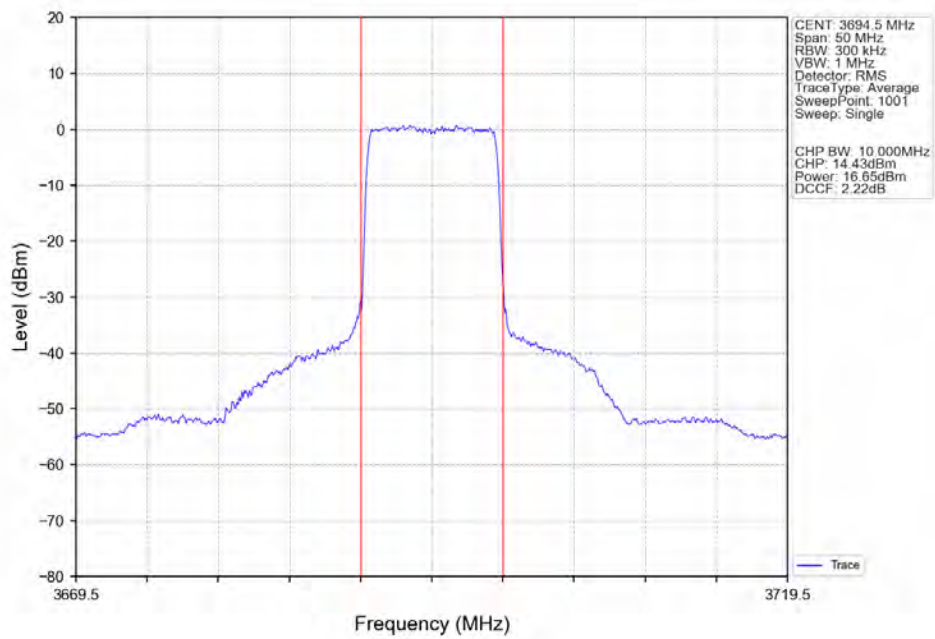
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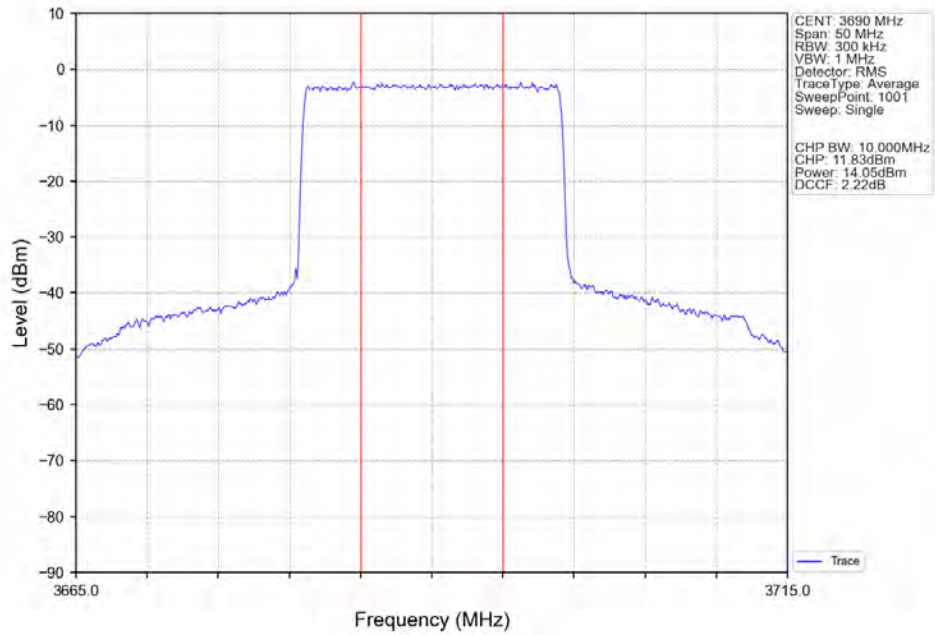
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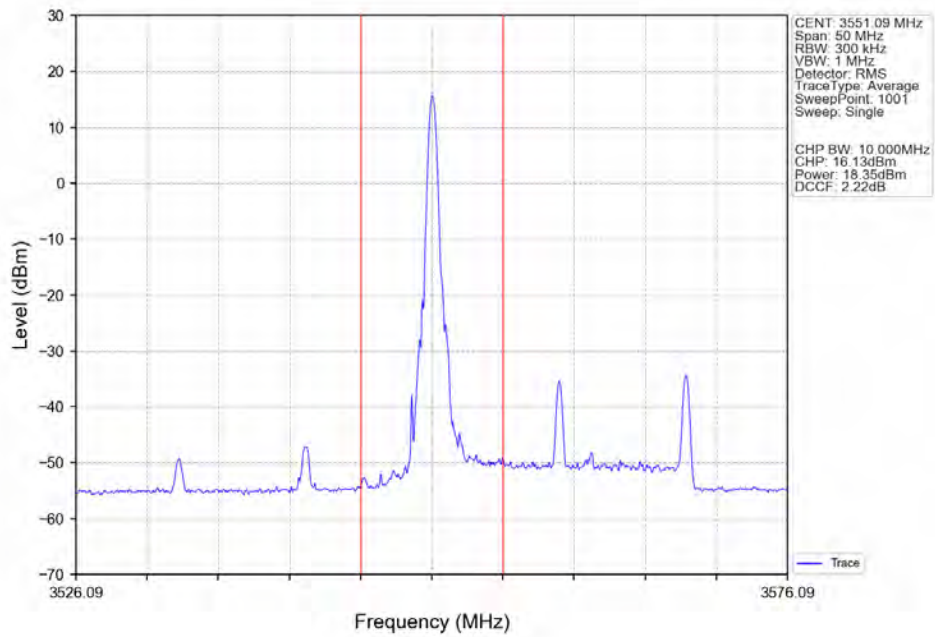
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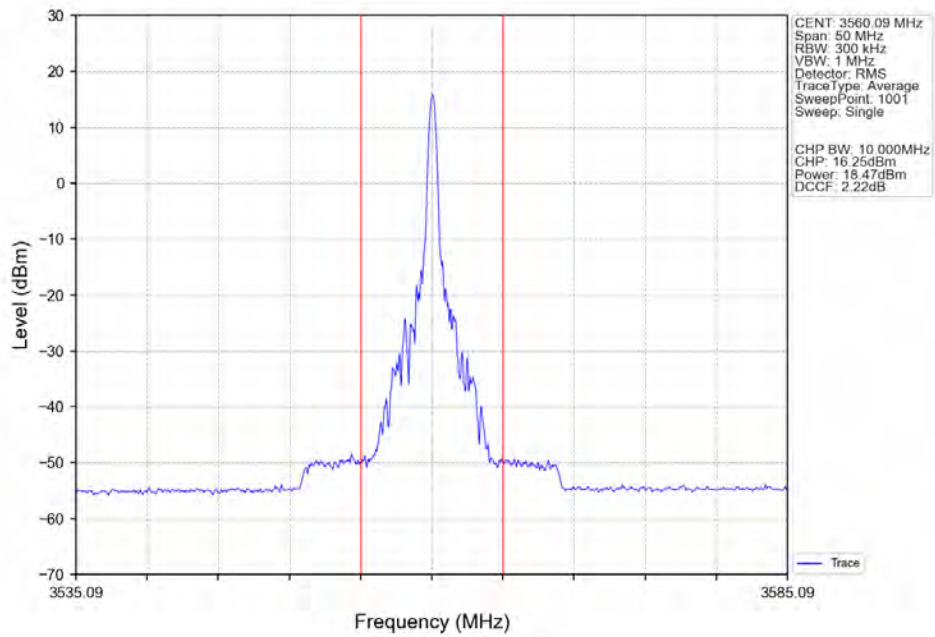
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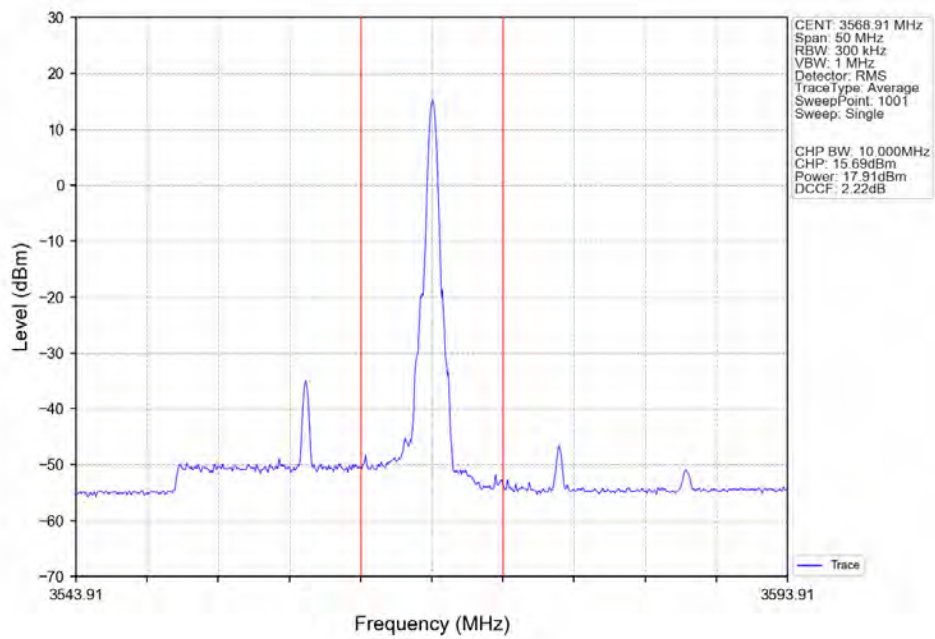
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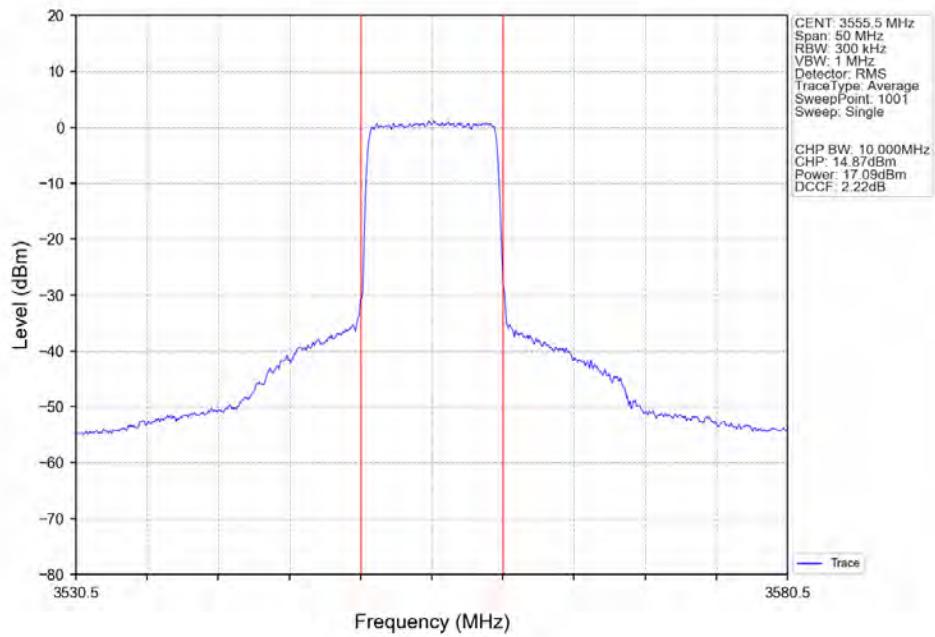
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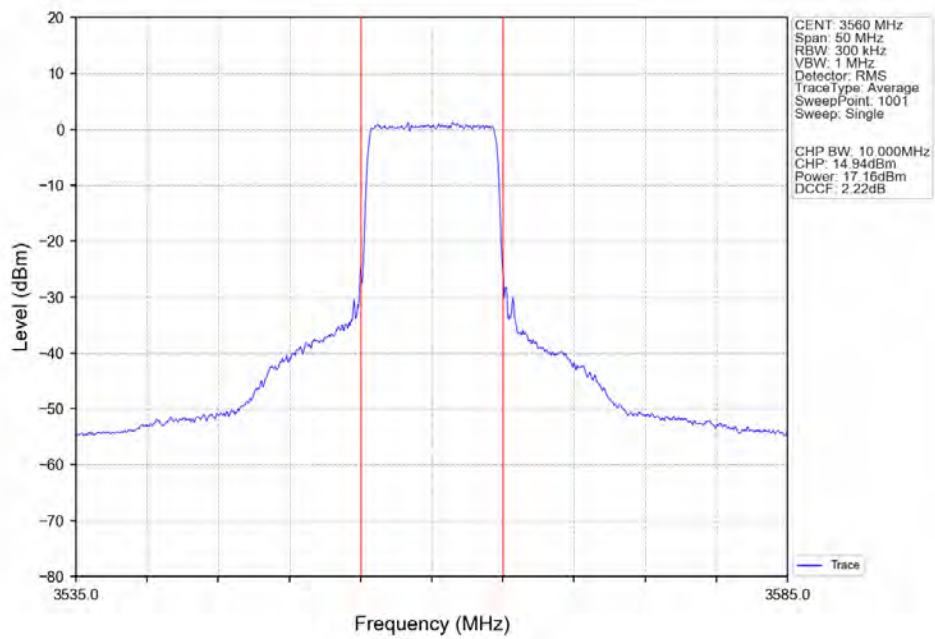
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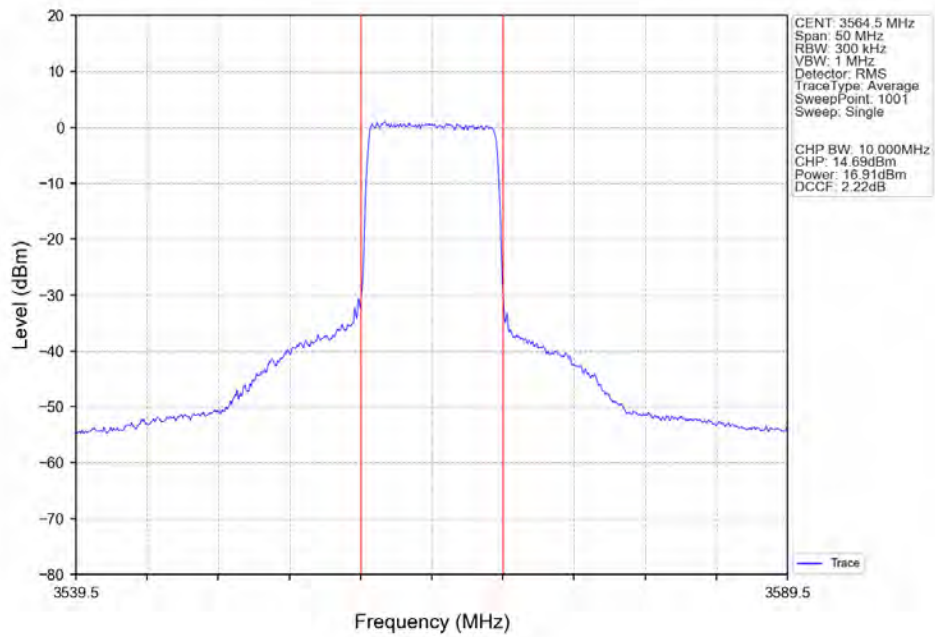
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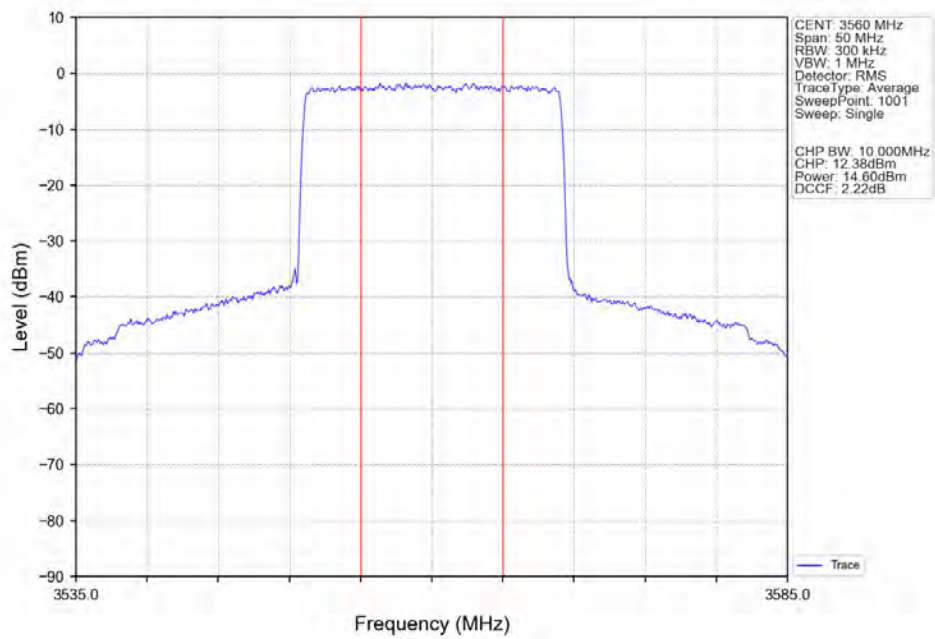
Band48 20MHz 16QAM LCH 3560MHz RB 50 25 NTNV



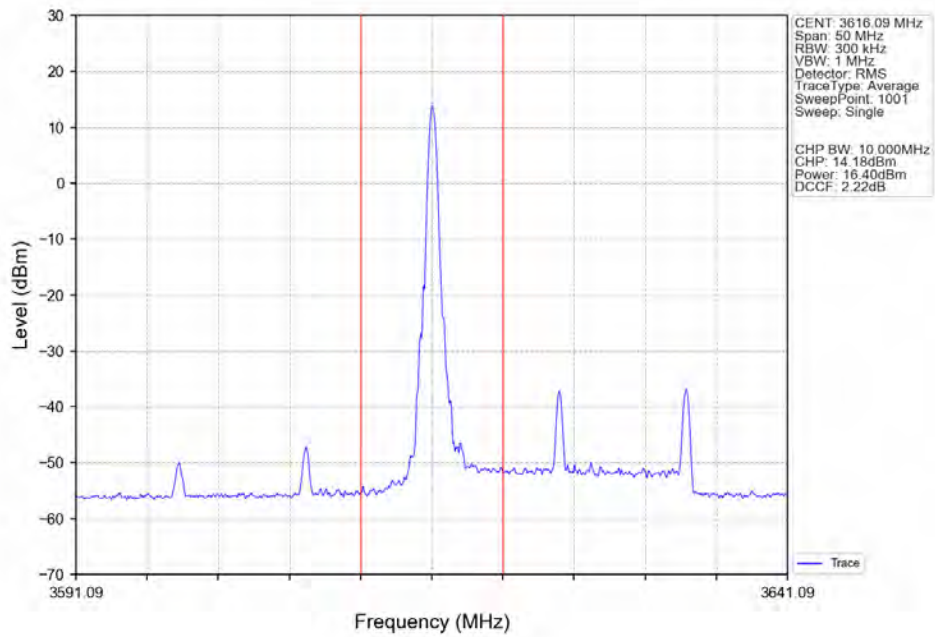
Band48 20MHz 16QAM LCH 3560MHz RB 50 50 NTNV



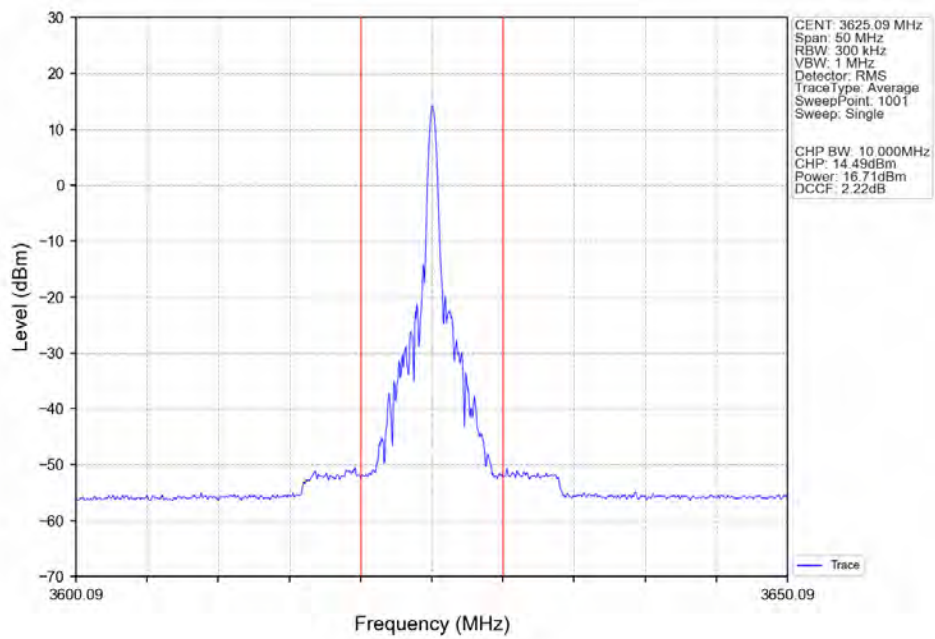
Band48 20MHz 16QAM LCH 3560MHz RB 100 0 NTNV



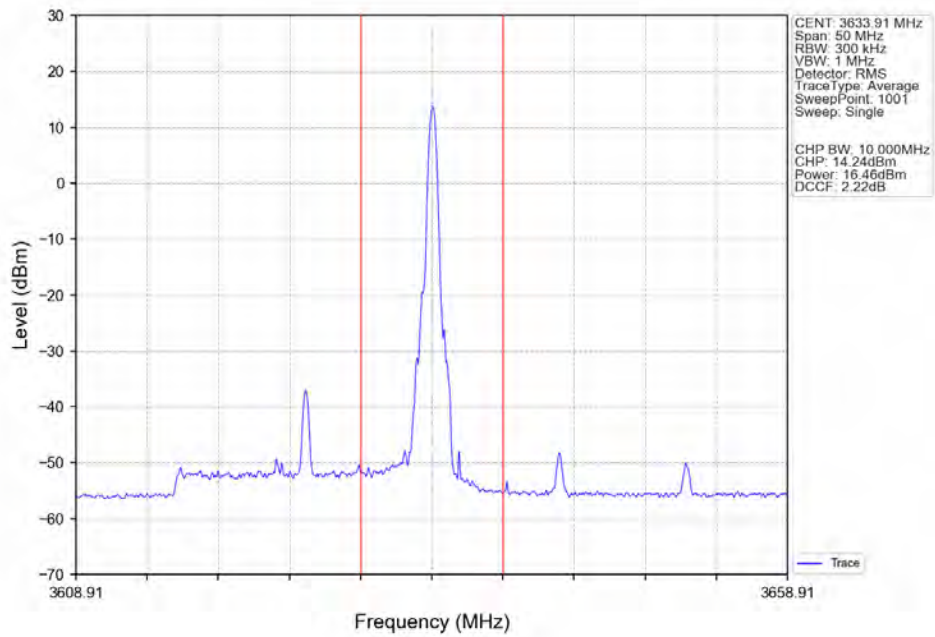
Band48 20MHz 16QAM MCH 3625MHz RB 1 0 NTNV



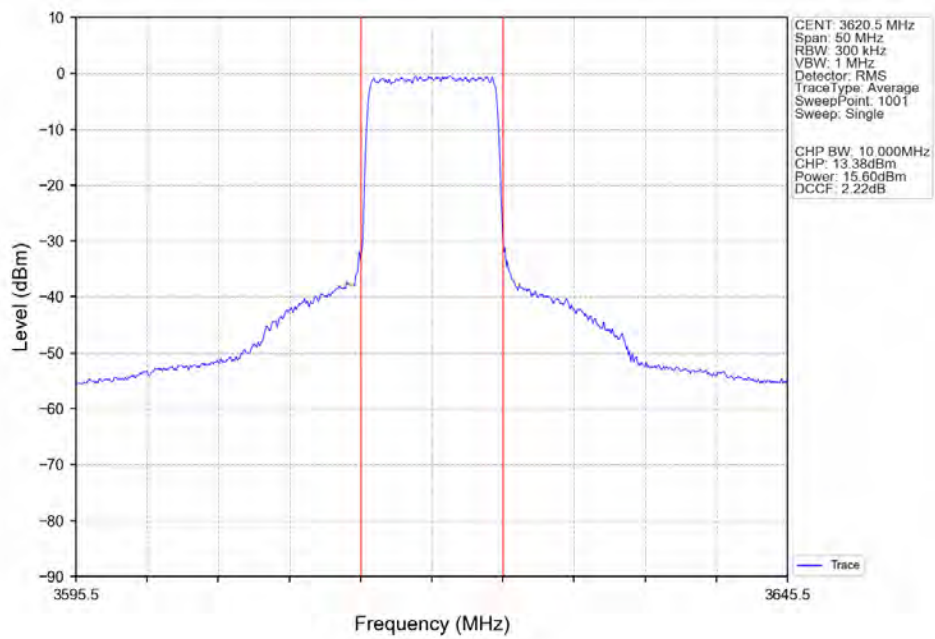
Band48 20MHz 16QAM MCH 3625MHz RB 1 50 NTNV



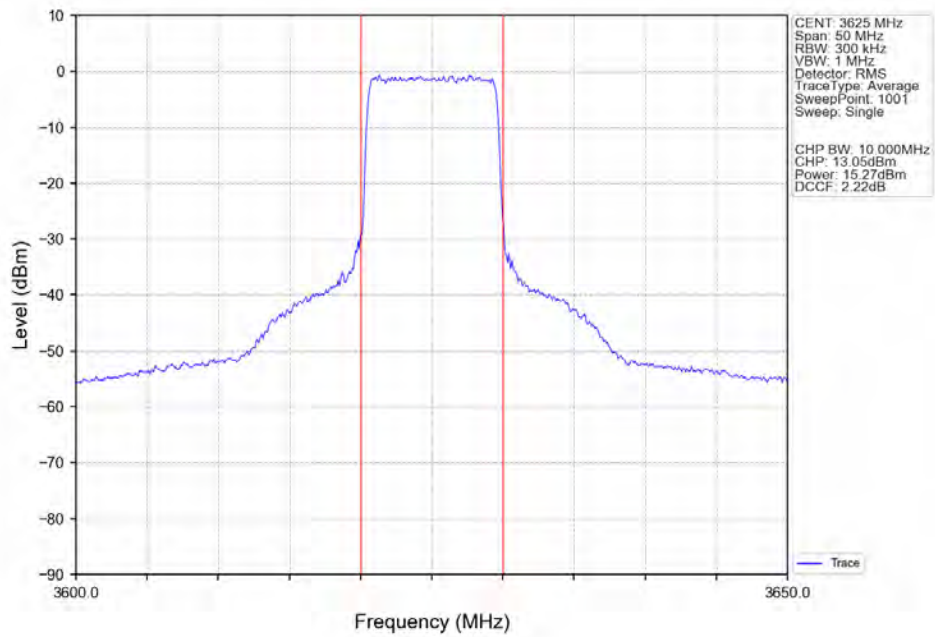
Band48 20MHz 16QAM MCH 3625MHz RB 1 99 NTNV



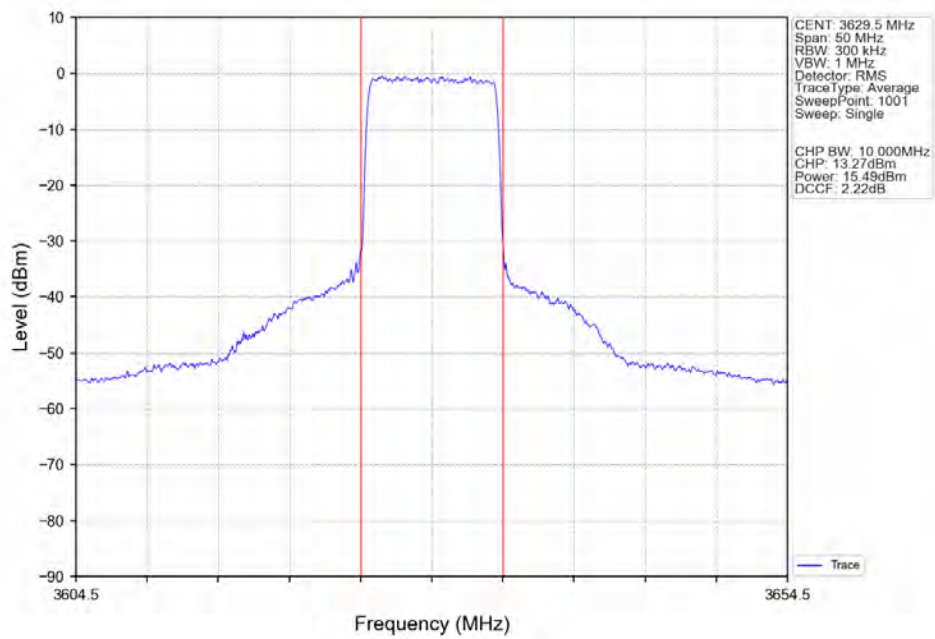
Band48 20MHz 16QAM MCH 3625MHz RB 50 0 NTNV



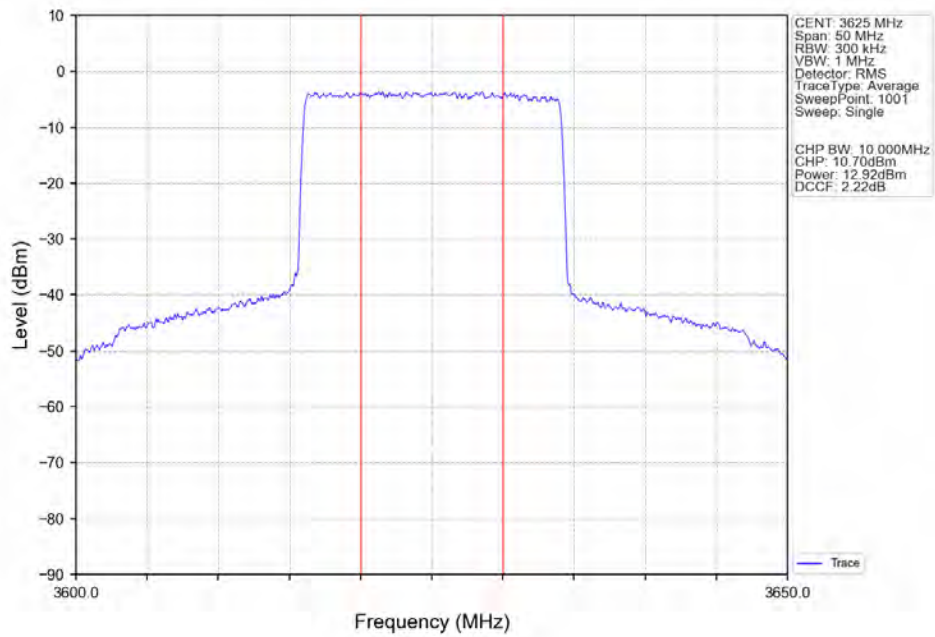
Band48 20MHz 16QAM MCH 3625MHz RB 50 25 NTNV



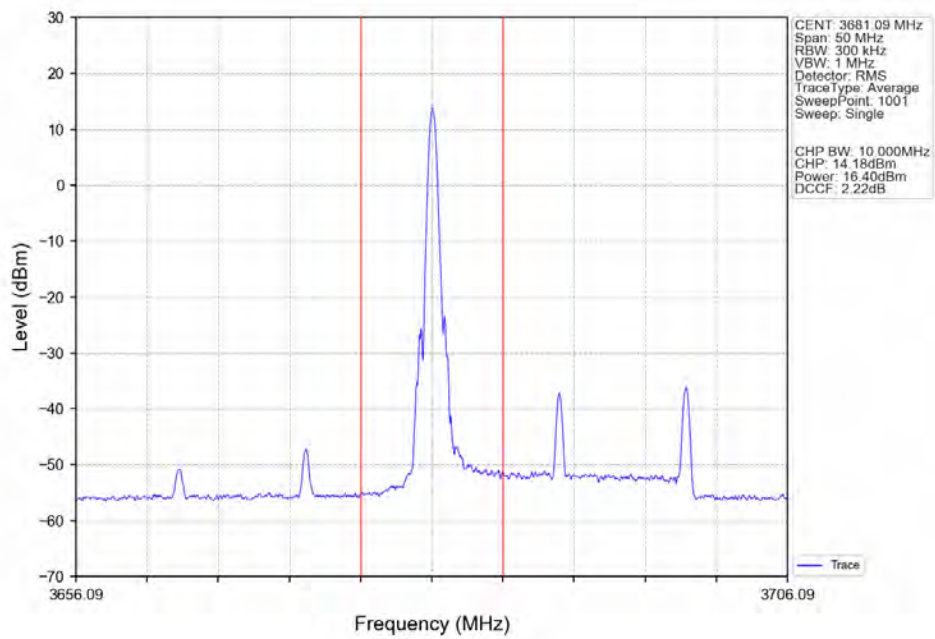
Band48 20MHz 16QAM MCH 3625MHz RB 50 50 NTNV



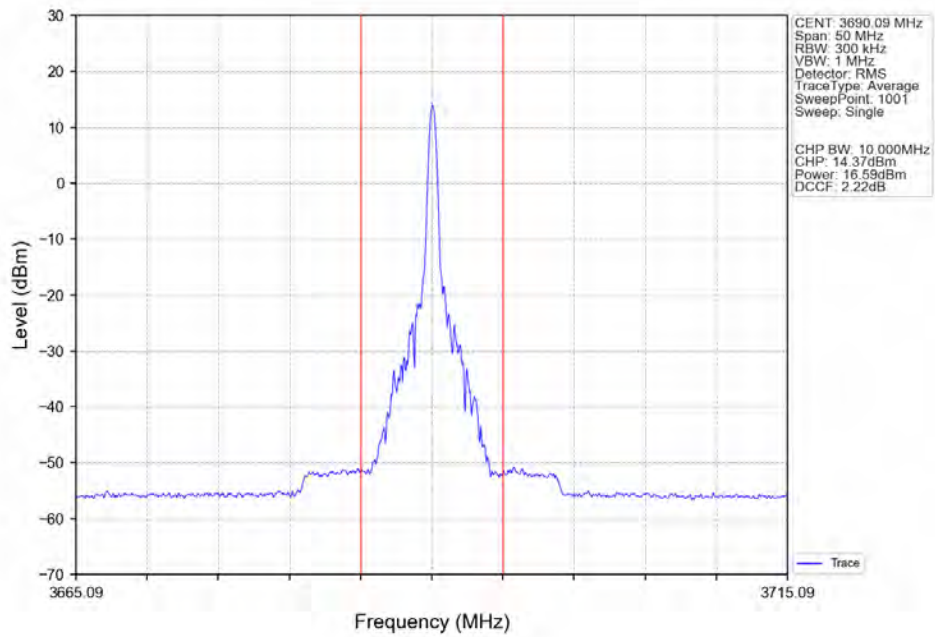
Band48 20MHz 16QAM MCH 3625MHz RB 100 0 NTNV



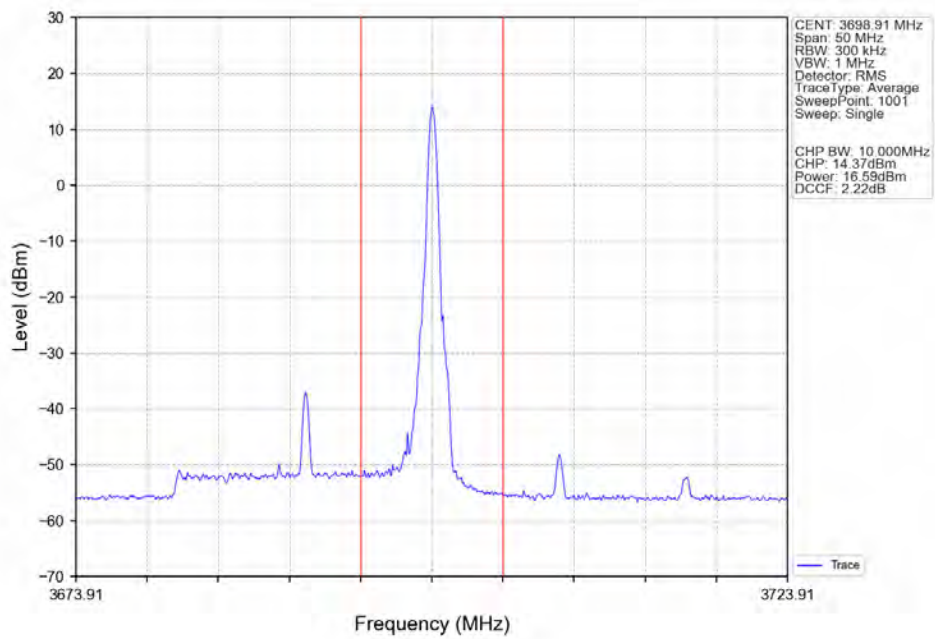
Band48 20MHz 16QAM HCH 3690MHz RB 1 0 NTNV



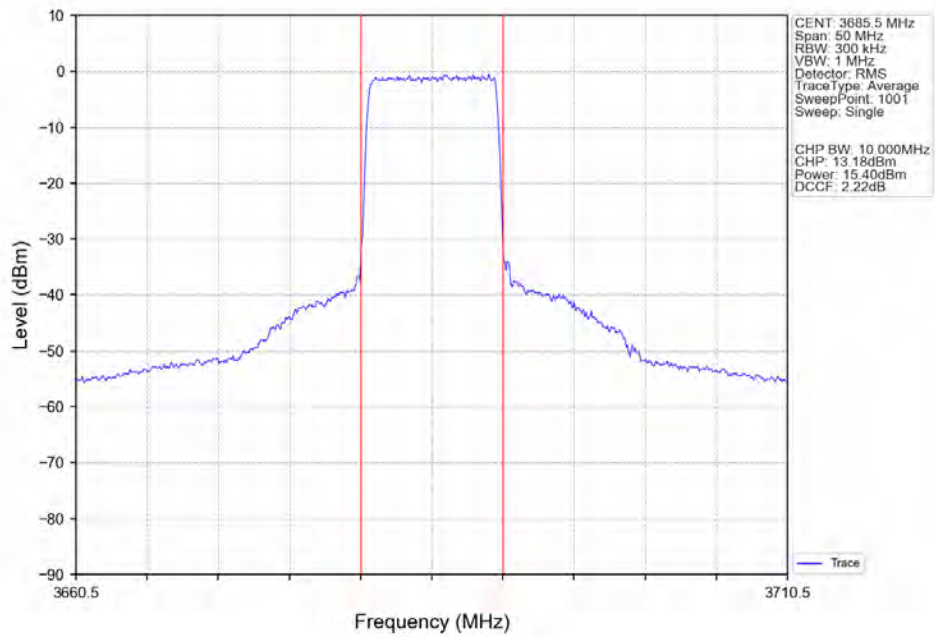
Band48 20MHz 16QAM HCH 3690MHz RB 1 50 NTNV



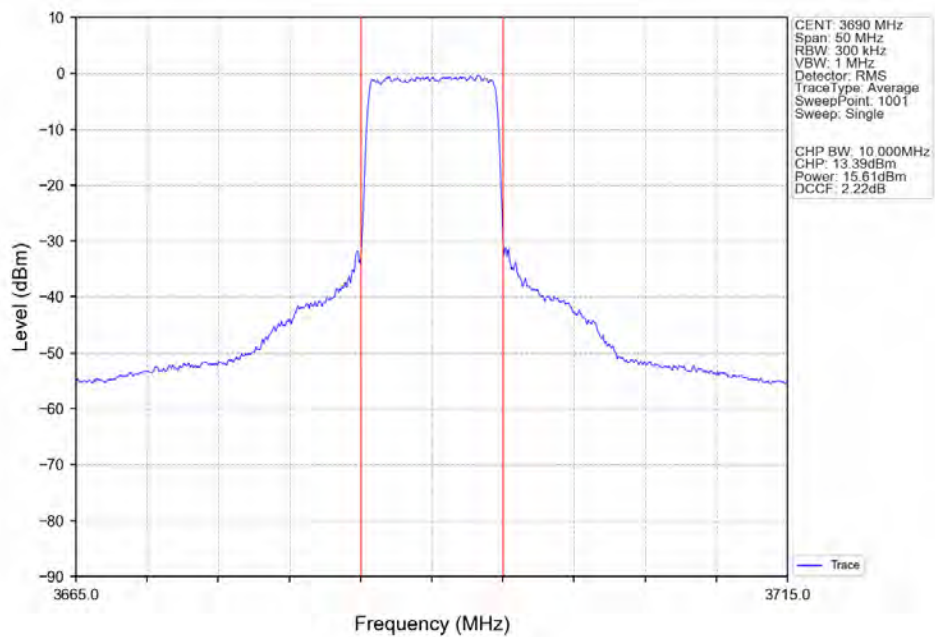
Band48 20MHz 16QAM HCH 3690MHz RB 1 99 NTNV



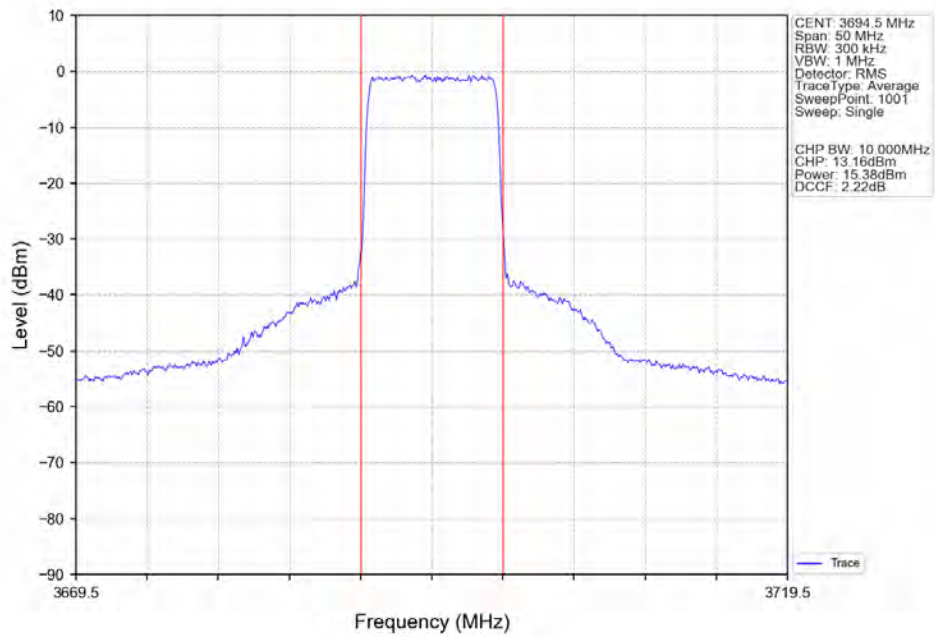
Band48 20MHz 16QAM HCH 3690MHz RB 50 0 NTN



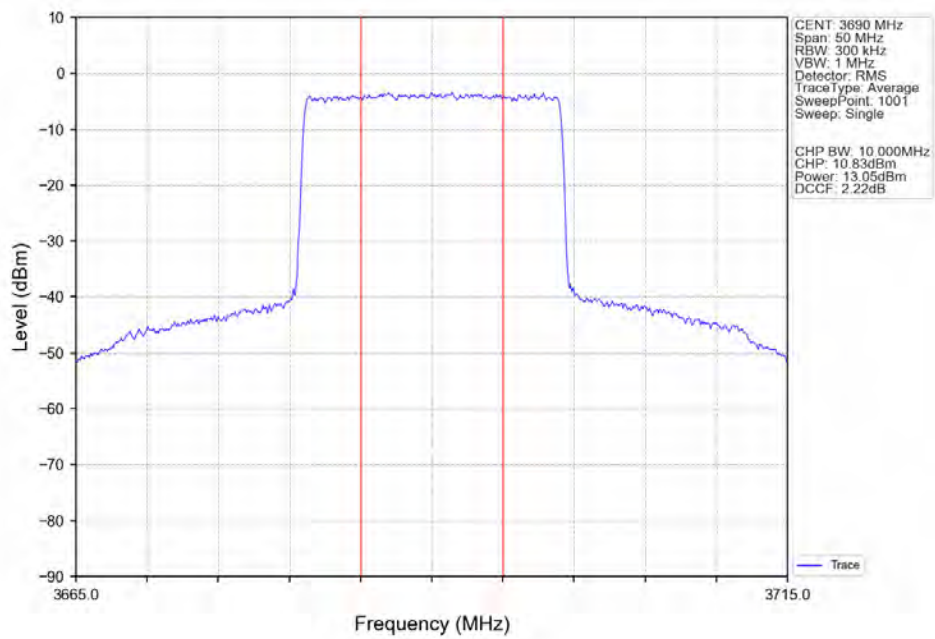
Band48 20MHz 16QAM HCH 3690MHz RB 50 25 NTN



Band48 20MHz 16QAM HCH 3690MHz RB 50 50 NTN



Band48 20MHz 16QAM HCH 3690MHz RB 100 0 NTN



2. Frequency Stability

2.1 Test Result

2.1.1 B48_10MHz

Band: 48 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3625	50	0	20	138	-3.190	-0.0009	-2.5 to 2.5	Pass
					120	-1.259	-0.0003	-2.5 to 2.5	Pass
					102	-3.090	-0.0009	-2.5 to 2.5	Pass
				-30	120	-2.518	-0.0007	-2.5 to 2.5	Pass
				-20	120	-0.429	-0.0001	-2.5 to 2.5	Pass
				-10	120	-2.546	-0.0007	-2.5 to 2.5	Pass
				0	120	-3.304	-0.0009	-2.5 to 2.5	Pass
				10	120	-2.031	-0.0006	-2.5 to 2.5	Pass
				30	120	-4.148	-0.0011	-2.5 to 2.5	Pass
				40	120	0.744	0.0002	-2.5 to 2.5	Pass
				50	120	-3.948	-0.0011	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band48_OBW

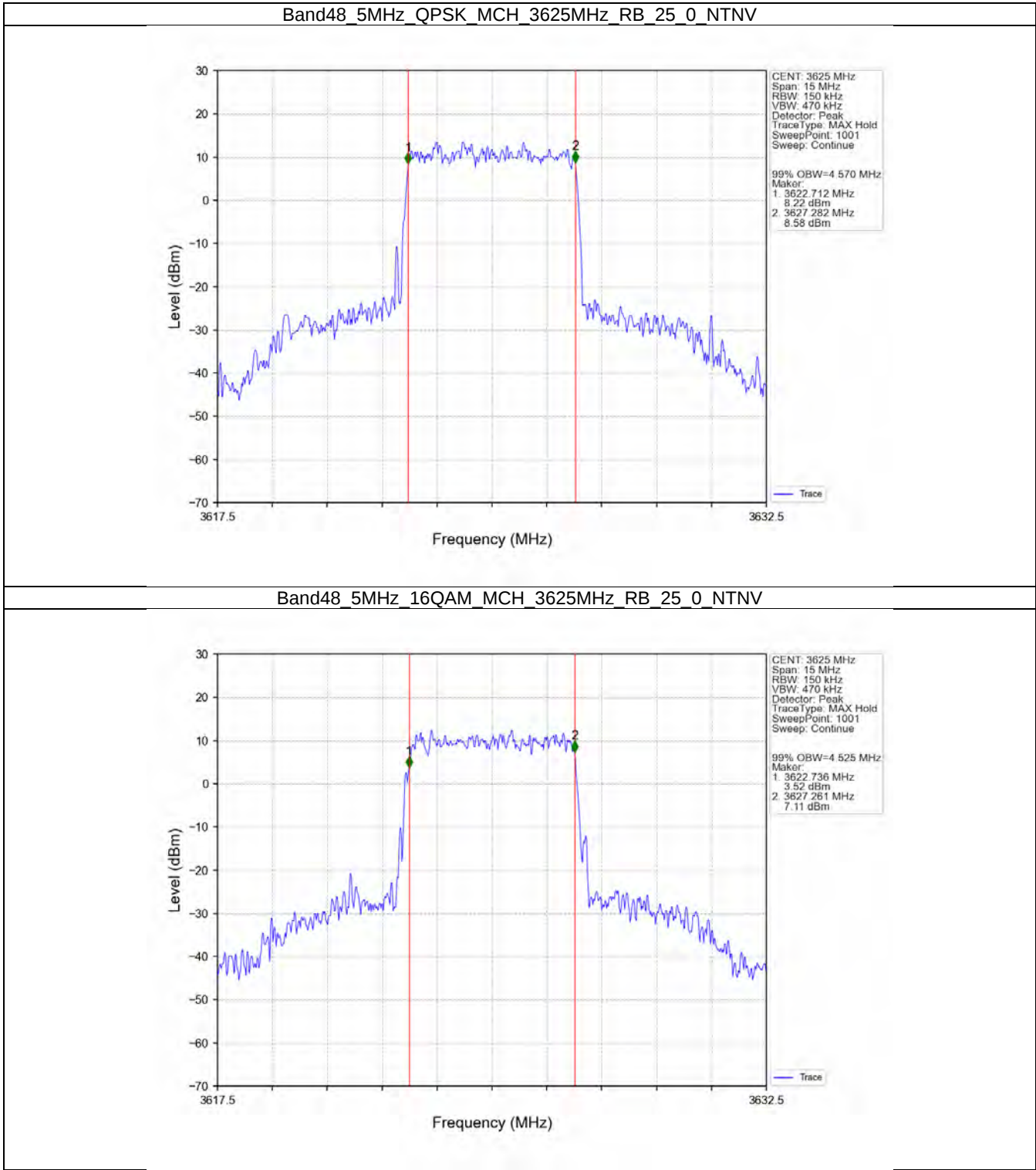
Band: 48 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3625	25	0	4.570	/	Pass
	16QAM	3625	25	0	4.525	/	Pass
10	QPSK	3625	50	0	8.972	/	Pass
	16QAM	3625	50	0	9.054	/	Pass
15	QPSK	3625	75	0	13.590	/	Pass
	16QAM	3625	75	0	13.566	/	Pass
20	QPSK	3625	100	0	18.051	/	Pass
	16QAM	3625	100	0	18.058	/	Pass

3.1.2 Band48_XDB

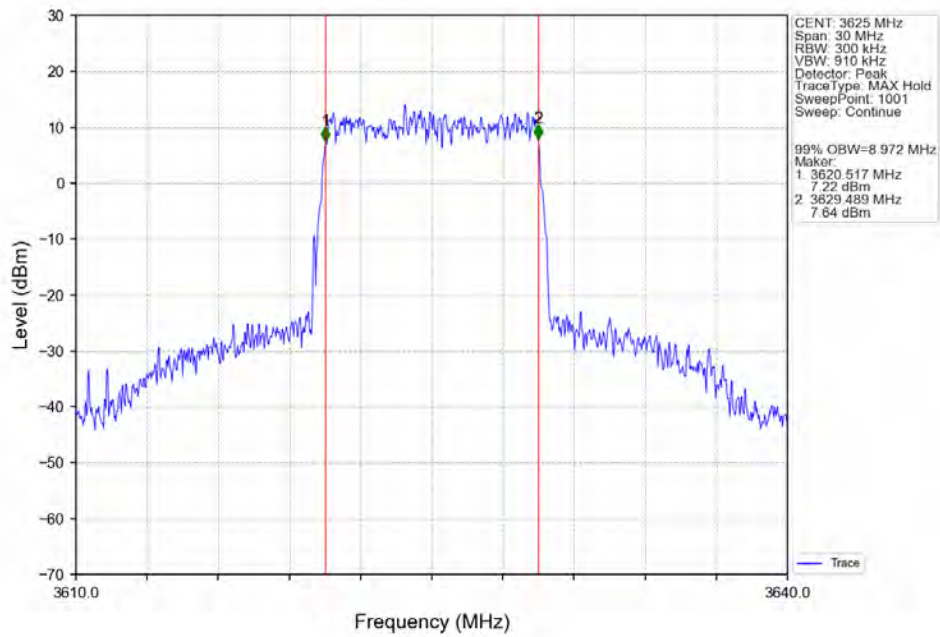
Band: 48 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3625	25	0	5.067	/	Pass
	16QAM	3625	25	0	5.121	/	Pass
10	QPSK	3625	50	0	9.865	/	Pass
	16QAM	3625	50	0	9.751	/	Pass
15	QPSK	3625	75	0	14.598	/	Pass
	16QAM	3625	75	0	14.633	/	Pass
20	QPSK	3625	100	0	19.582	/	Pass
	16QAM	3625	100	0	19.433	/	Pass

3.2 Test Graph

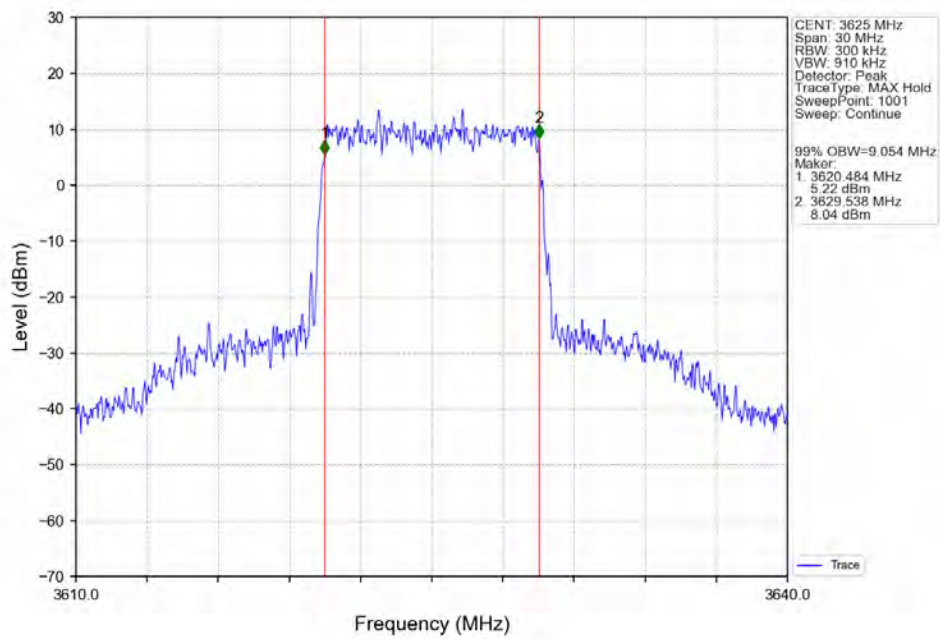
3.2.1 Band48_OBW



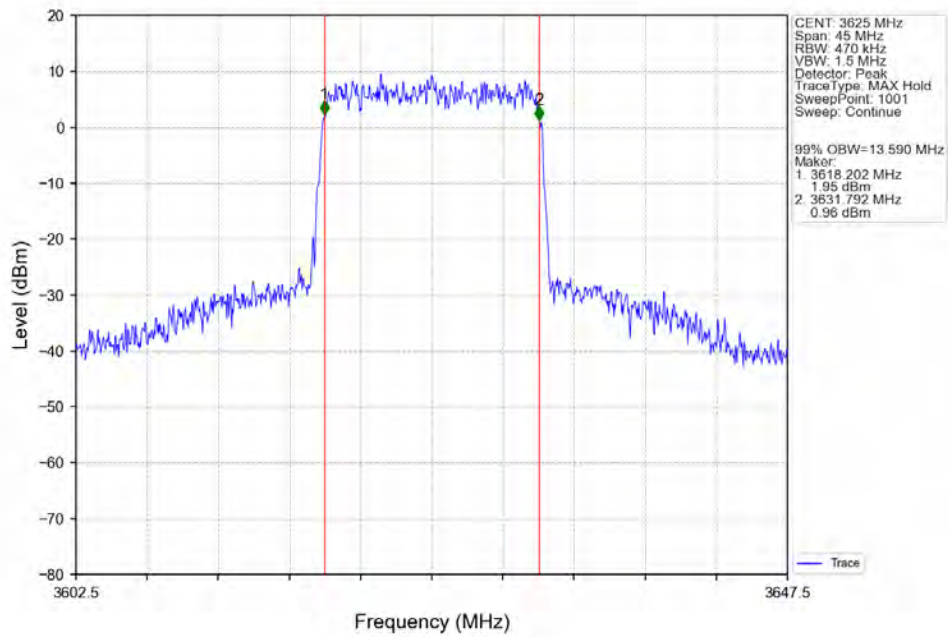
Band48 10MHz QPSK MCH 3625MHz RB 50 0 NTV



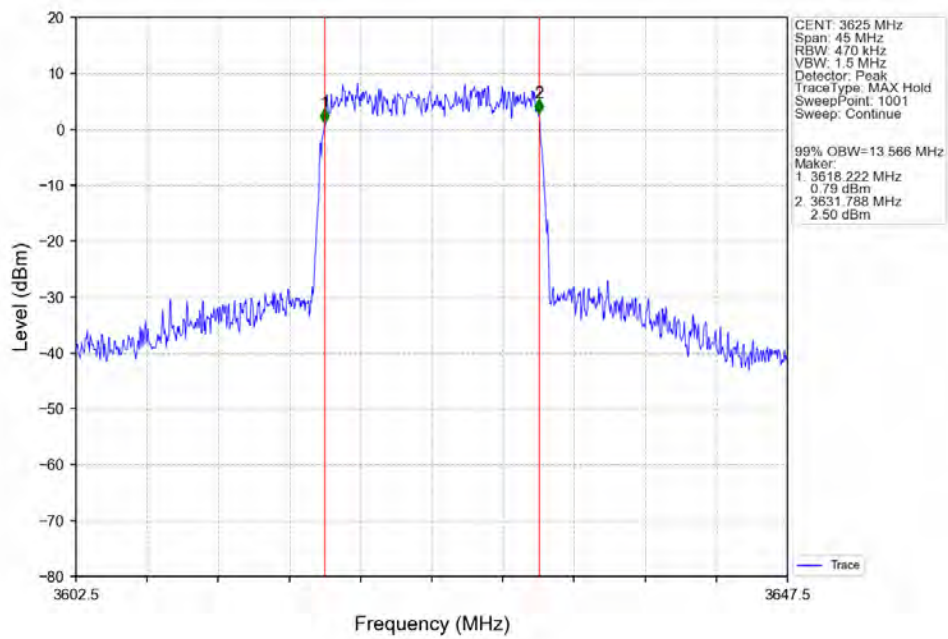
Band48 10MHz 16QAM MCH 3625MHz RB 50 0 NTV



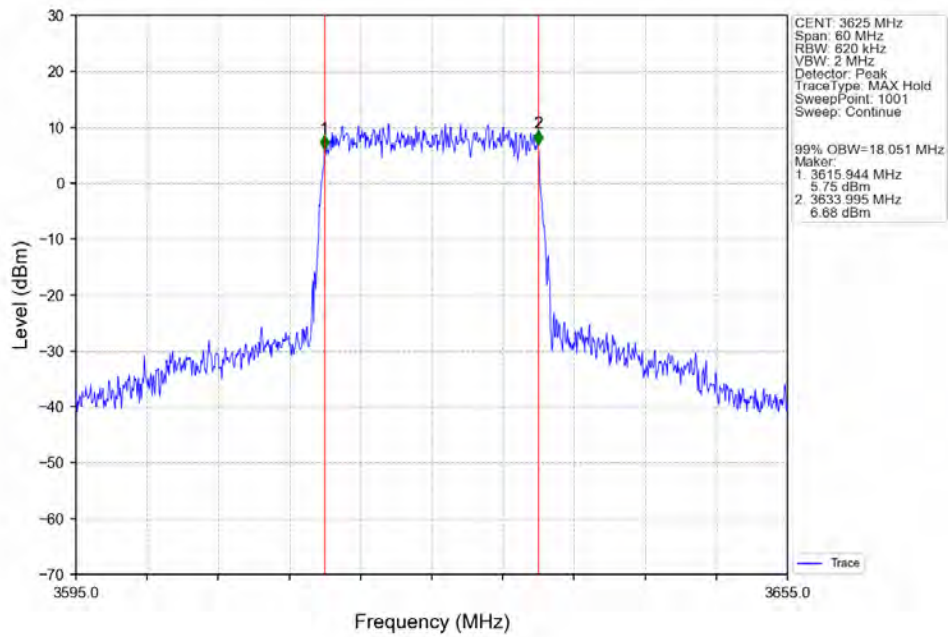
Band48 15MHz QPSK MCH 3625MHz RB 75 0 NTNV



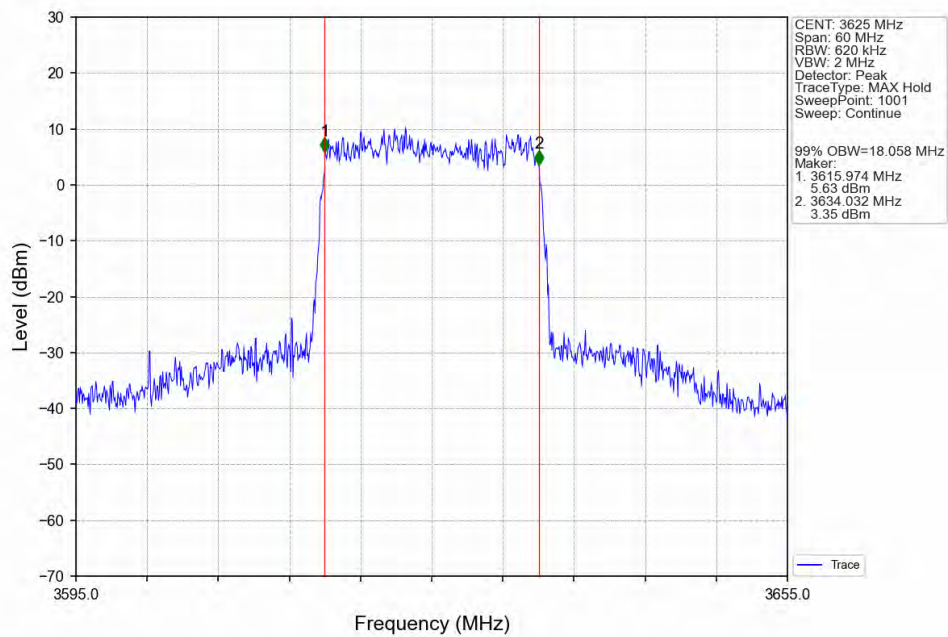
Band48 15MHz 16QAM MCH 3625MHz RB 75 0 NTNV



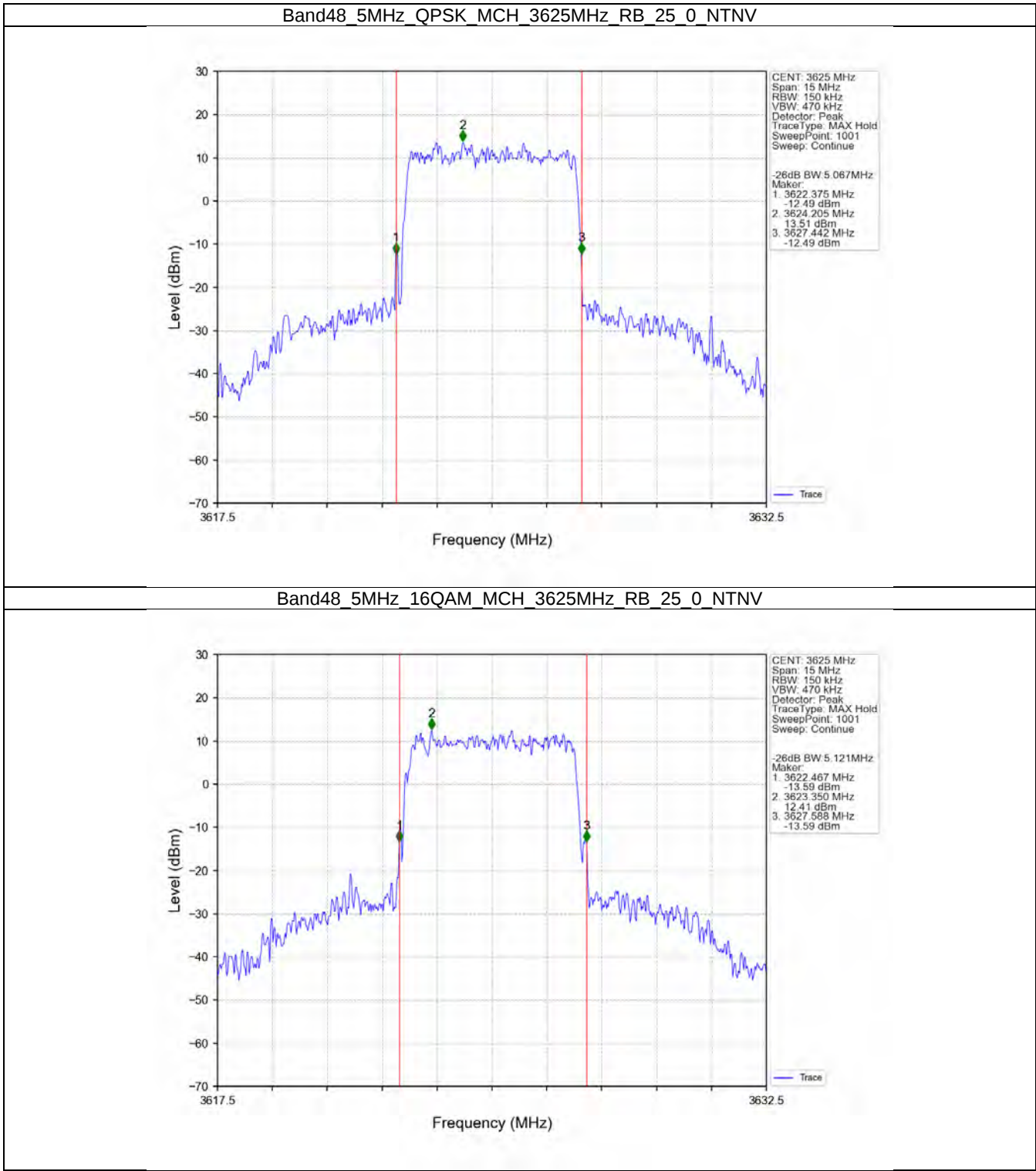
Band48 20MHz QPSK MCH 3625MHz RB 100 0 NTN



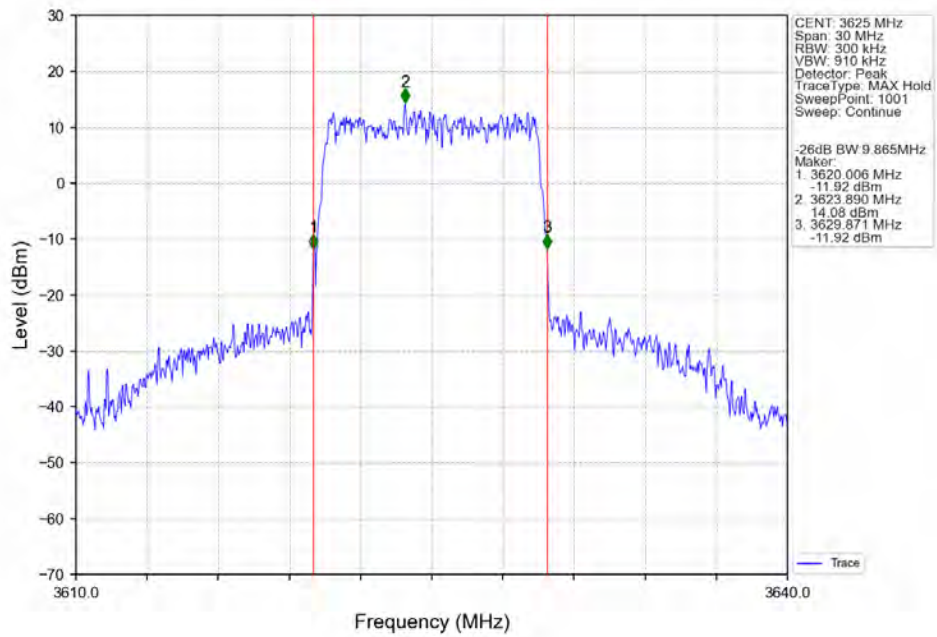
Band48 20MHz 16QAM MCH 3625MHz RB 100 0 NTN



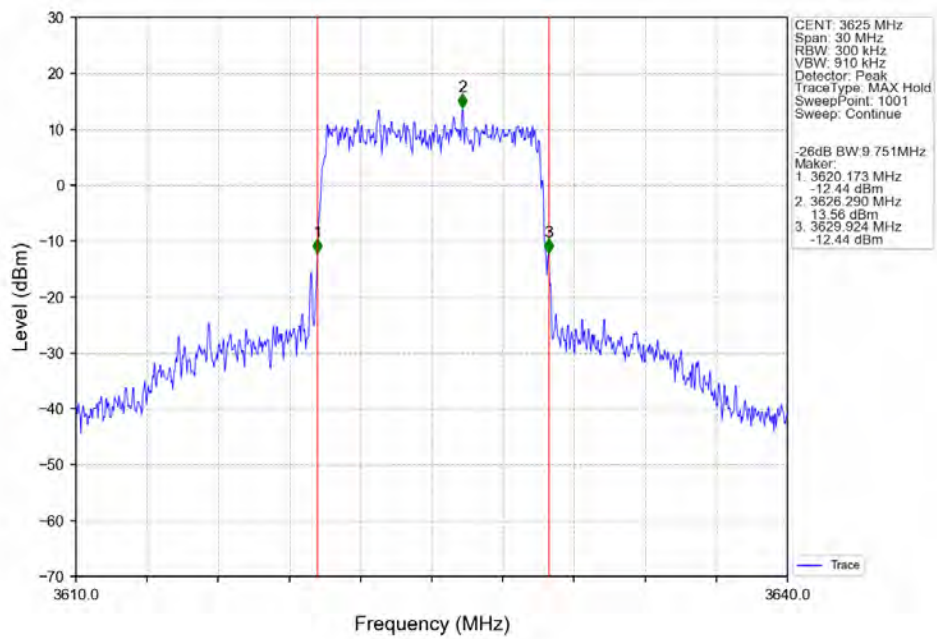
3.2.2 Band48_XDB



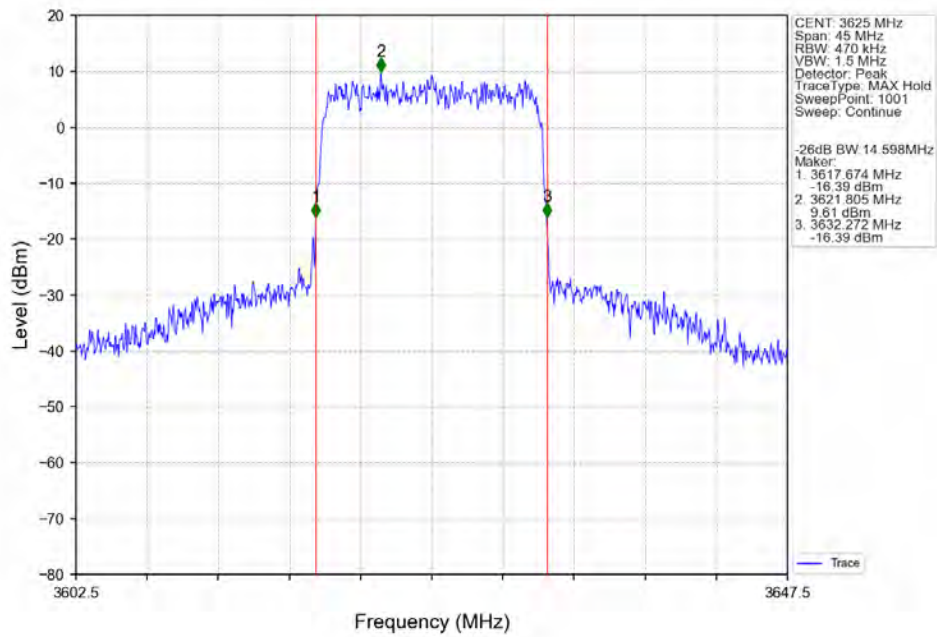
Band48 10MHz QPSK MCH 3625MHz RB 50 0 NTV



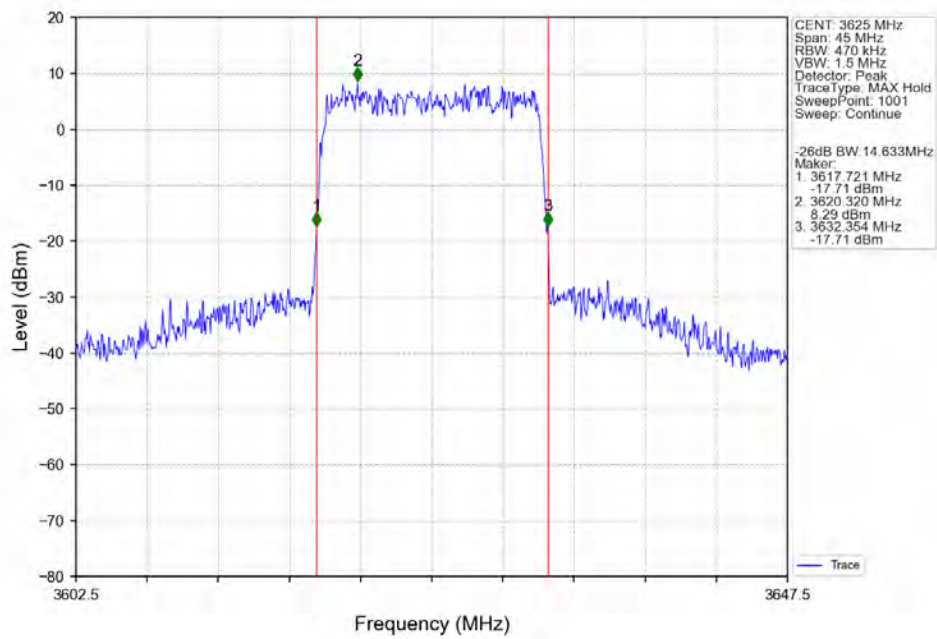
Band48 10MHz 16QAM MCH 3625MHz RB 50 0 NTV



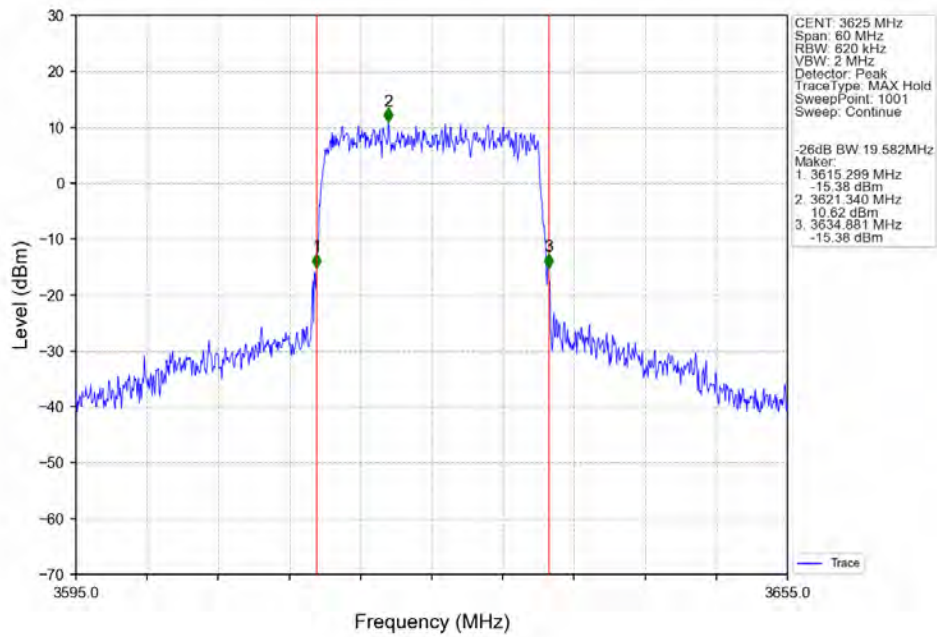
Band48 15MHz QPSK MCH 3625MHz RB 75 0 NTNV



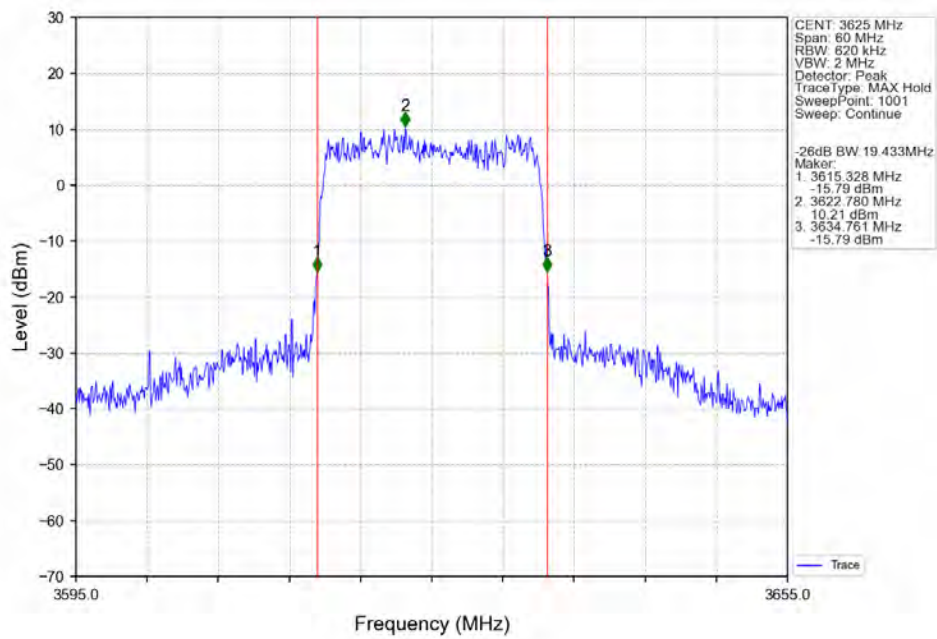
Band48 15MHz 16QAM MCH 3625MHz RB 75 0 NTNV



Band48 20MHz QPSK MCH 3625MHz RB 100 0 NTNV



Band48 20MHz 16QAM MCH 3625MHz RB 100 0 NTNV



4. Peak-Average Ratio

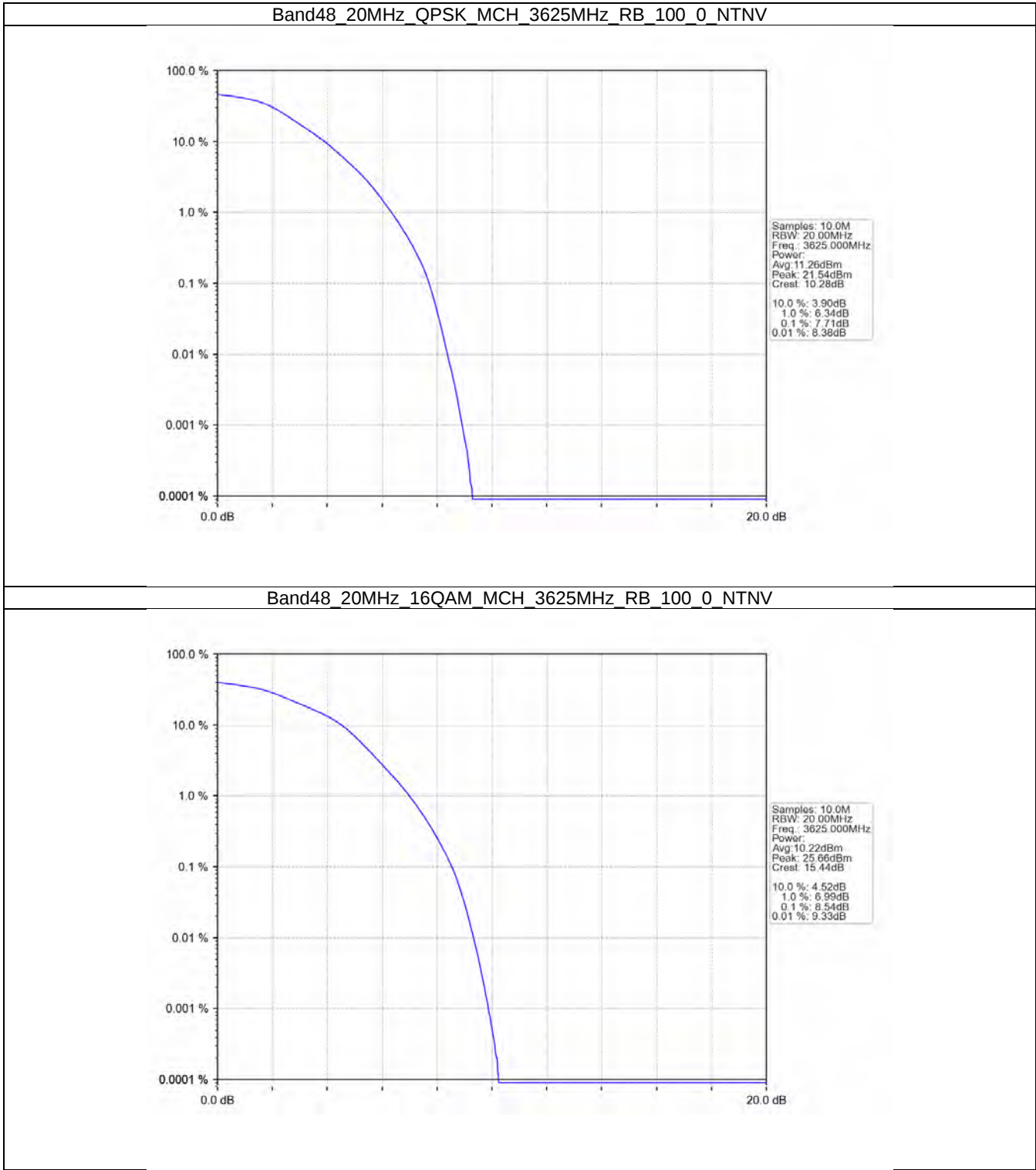
4.1 Test Result

4.1.1 B48_20MHz

Band: 48 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3625	100	0	7.71	<=13	Pass
16QAM	3625	100	0	8.54	<=13	Pass

4.2 Test Graph

4.2.1 B48_20MHz



5. Spurious Emission

5.1 Test Result

5.1.1 B48_5MHz

Band: 48 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3552.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B48_10MHz

Band: 48 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3555	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
	3695	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B48_15MHz

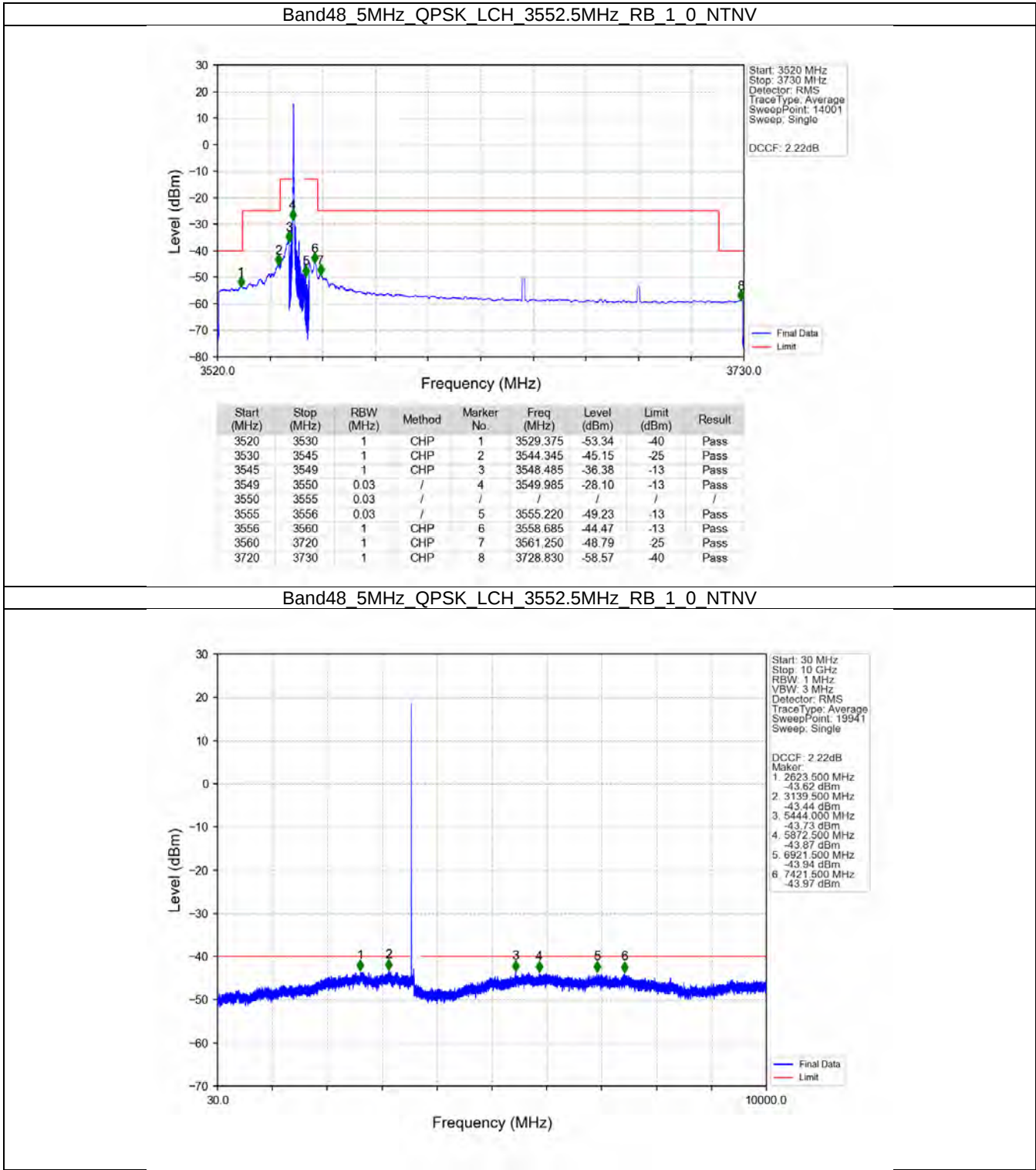
Band: 48 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3557.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
	3692.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.4 B48_20MHz

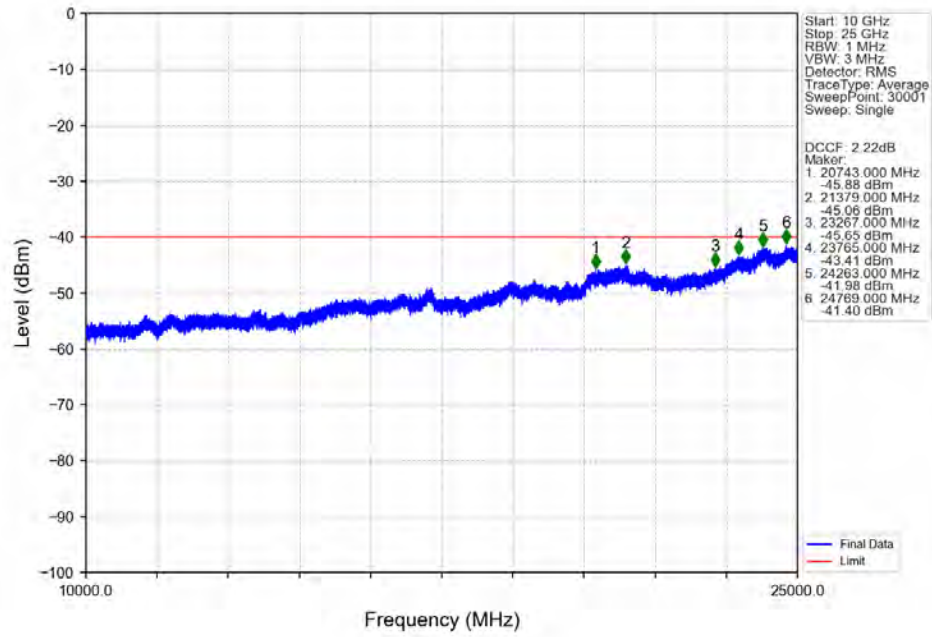
Band: 48 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3560	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
	3690	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

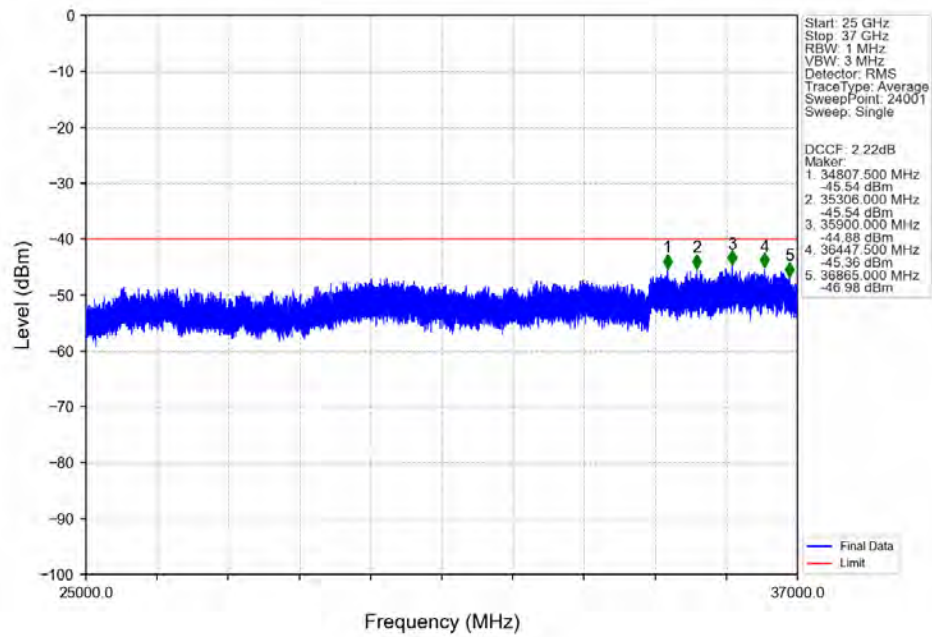
5.2.1 B48_5MHz



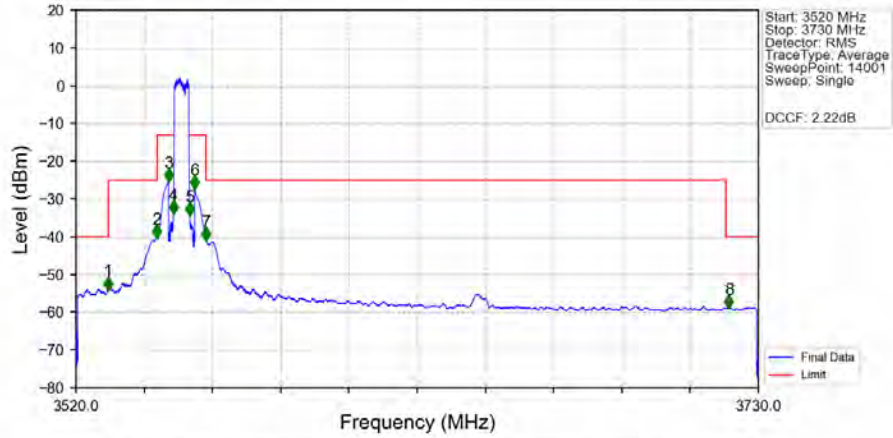
Band48 5MHz QPSK LCH 3552.5MHz RB 1 0 NTNV



Band48 5MHz QPSK LCH 3552.5MHz RB 1 0 NTNV

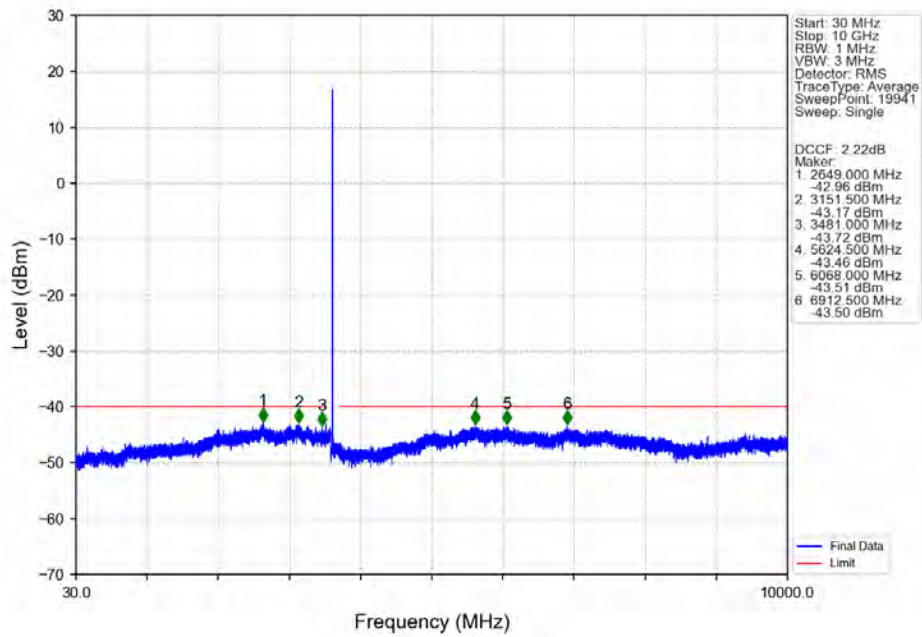


Band48 5MHz QPSK LCH 3552.5MHz RB 25 0 NTNV

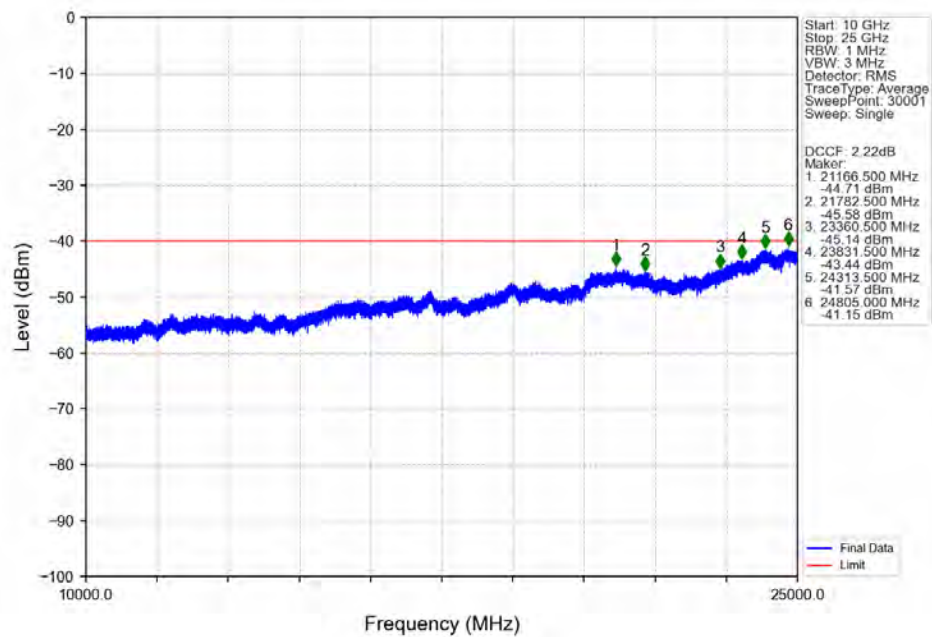


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.840	-53.94	-40	Pass
3530	3545	1	CHP	2	3544.915	-40.20	-25	Pass
3545	3549	1	CHP	3	3548.500	-25.16	-13	Pass
3549	3550	0.05	CHP	4	3549.985	-33.80	-13	Pass
3550	3555	0.05	CHP	/	/	/	/	/
3555	3556	0.05	CHP	5	3555.010	-34.12	-13	Pass
3556	3560	1	CHP	6	3556.510	-27.08	-13	Pass
3560	3720	1	CHP	7	3560.050	-40.78	-25	Pass
3720	3730	1	CHP	8	3720.925	-58.74	-40	Pass

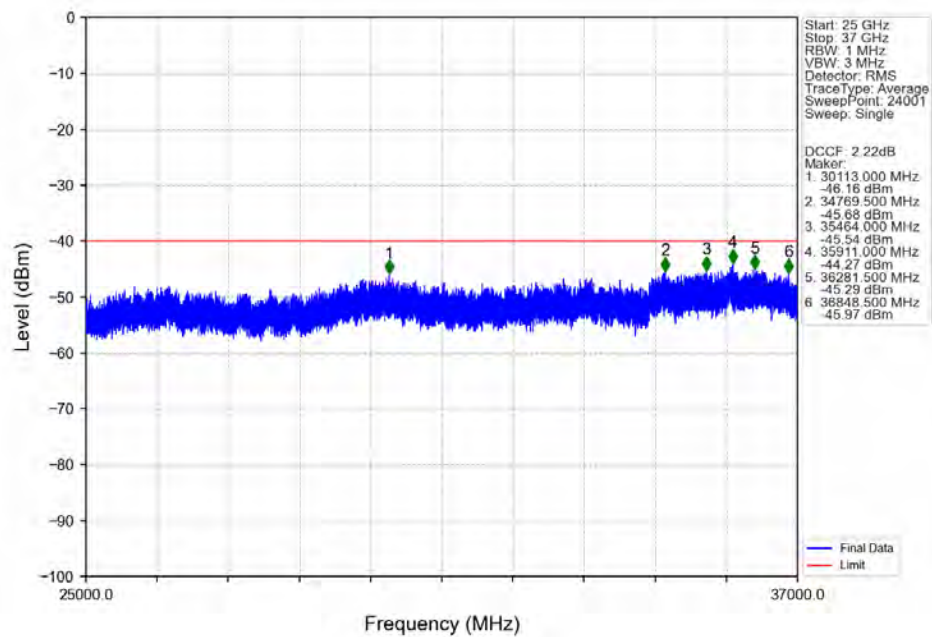
Band48 5MHz QPSK MCH 3625MHz RB 1 0 NTNV



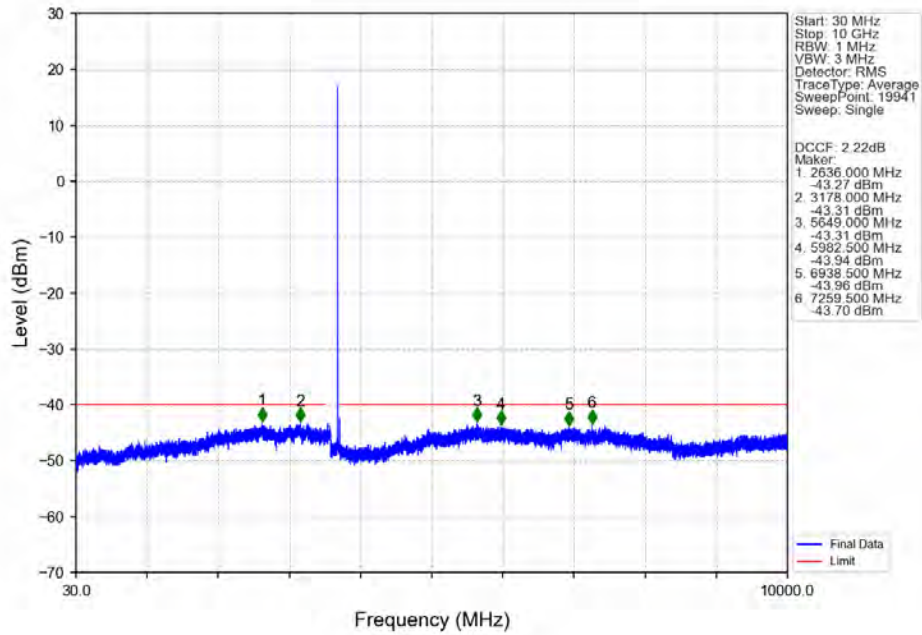
Band48 5MHz QPSK MCH 3625MHz RB 1 0 NTNV



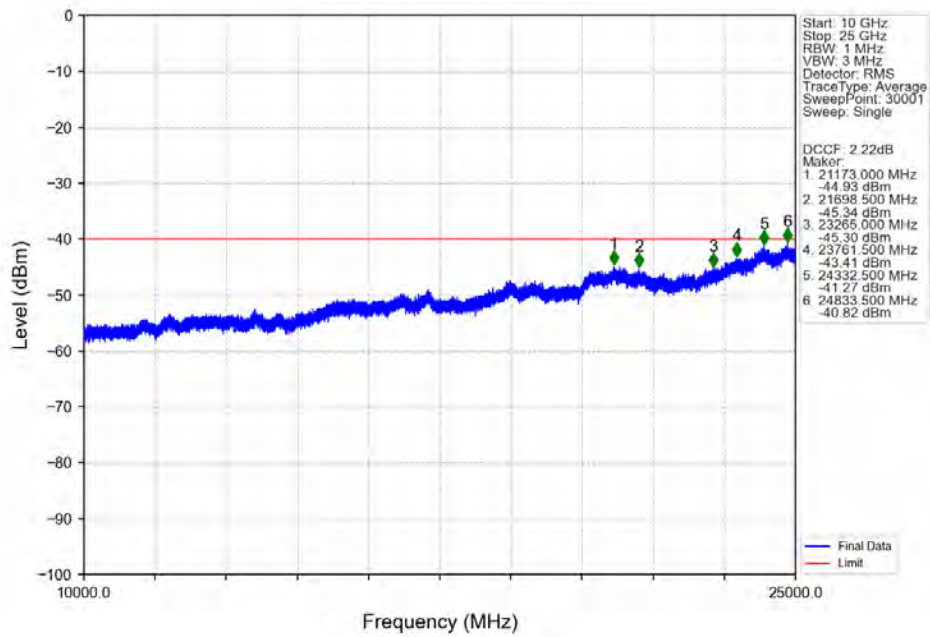
Band48 5MHz QPSK MCH 3625MHz RB 1 0 NTNV



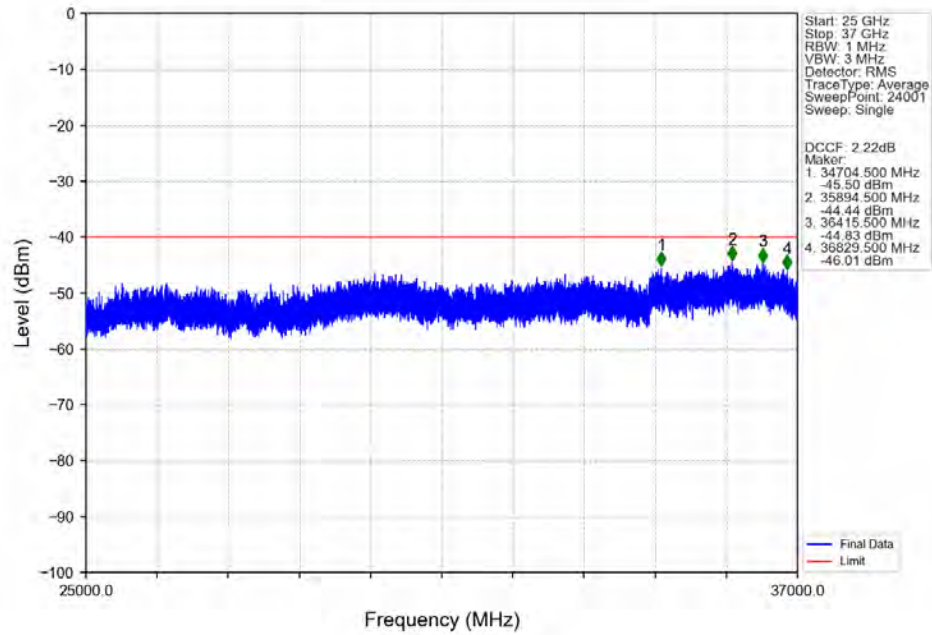
Band48 5MHz QPSK HCH 3697.5MHz RB 1 0 NTV



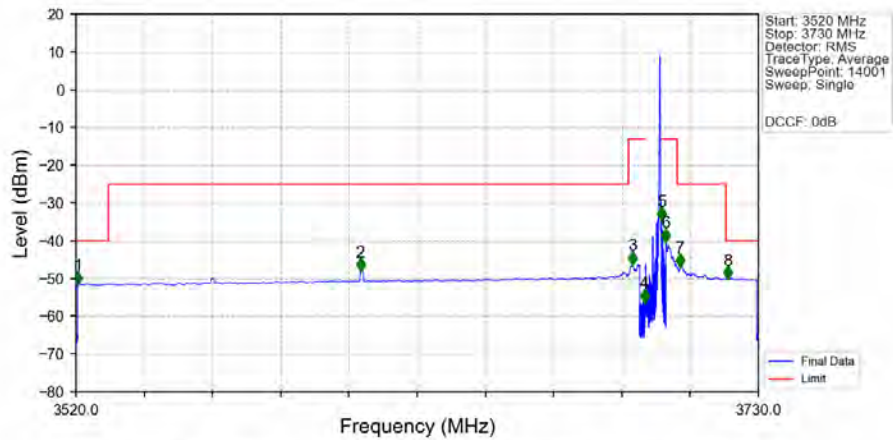
Band48 5MHz QPSK HCH 3697.5MHz RB 1 0 NTV



Band48 5MHz QPSK HCH 3697.5MHz RB 1 0 NTV

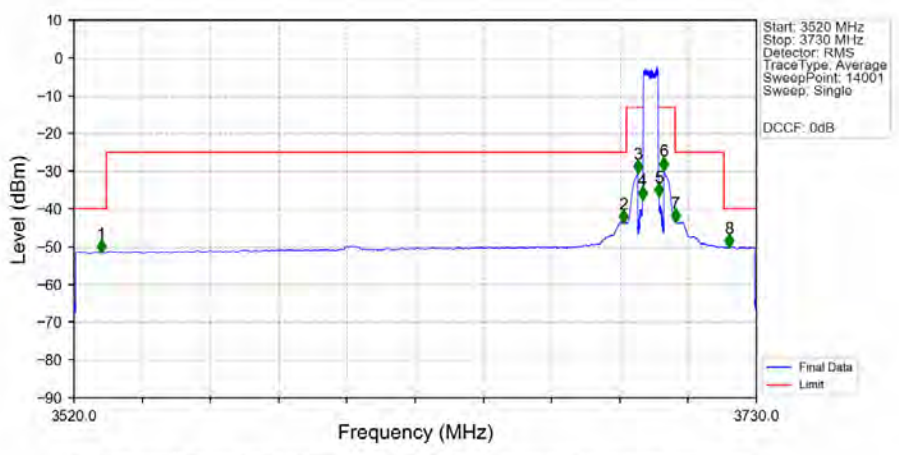


Band48 5MHz QPSK HCH 3697.5MHz RB 1 24 NTV



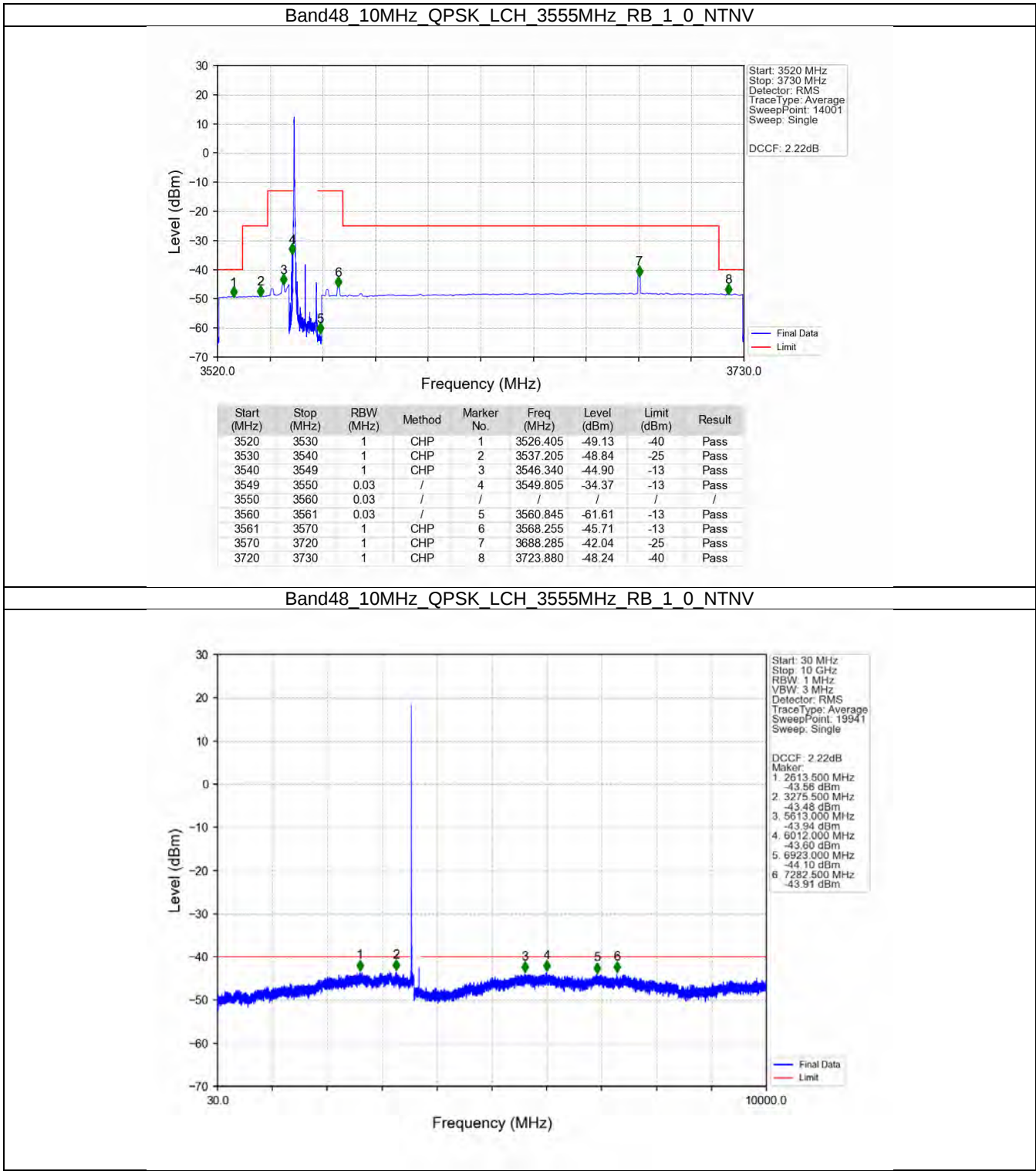
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3520.585	-51.39	-40	Pass
3530	3690	1	CHP	2	3607.540	-47.90	-25	Pass
3690	3694	1	CHP	3	3691.285	-46.05	-13	Pass
3694	3695	0.03	/	4	3694.975	-56.08	-13	Pass
3695	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.135	-34.45	-13	Pass
3701	3705	1	CHP	6	3701.500	-40.03	-13	Pass
3705	3720	1	CHP	7	3705.955	-46.78	25	Pass
3720	3730	1	CHP	8	3720.595	-49.95	-40	Pass

Band48 5MHz QPSK HCH 3697.5MHz RB 25 0 NTV

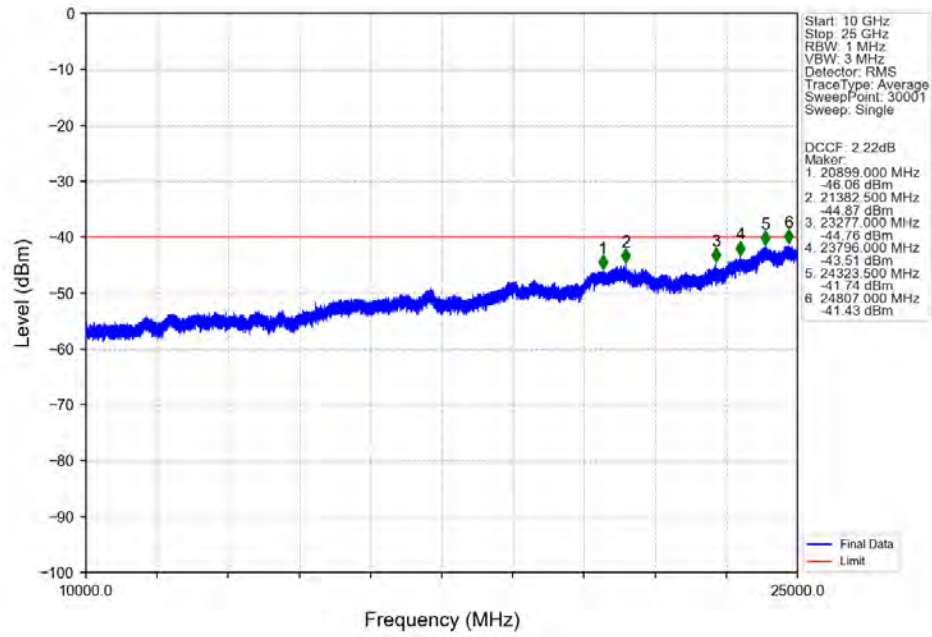


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.370	-51.41	-40	Pass
3530	3690	1	CHP	2	3689.035	-43.51	-25	Pass
3690	3694	1	CHP	3	3693.490	-30.24	-13	Pass
3694	3695	0.05	CHP	4	3694.990	-37.26	-13	Pass
3695	3700	0.05	CHP	/	/	/	/	/
3700	3701	0.05	CHP	5	3700.015	-36.49	-13	Pass
3701	3705	1	CHP	6	3701.500	-29.56	-13	Pass
3705	3720	1	CHP	7	3705.085	-43.26	-25	Pass
3720	3730	1	CHP	8	3721.465	-49.94	-40	Pass

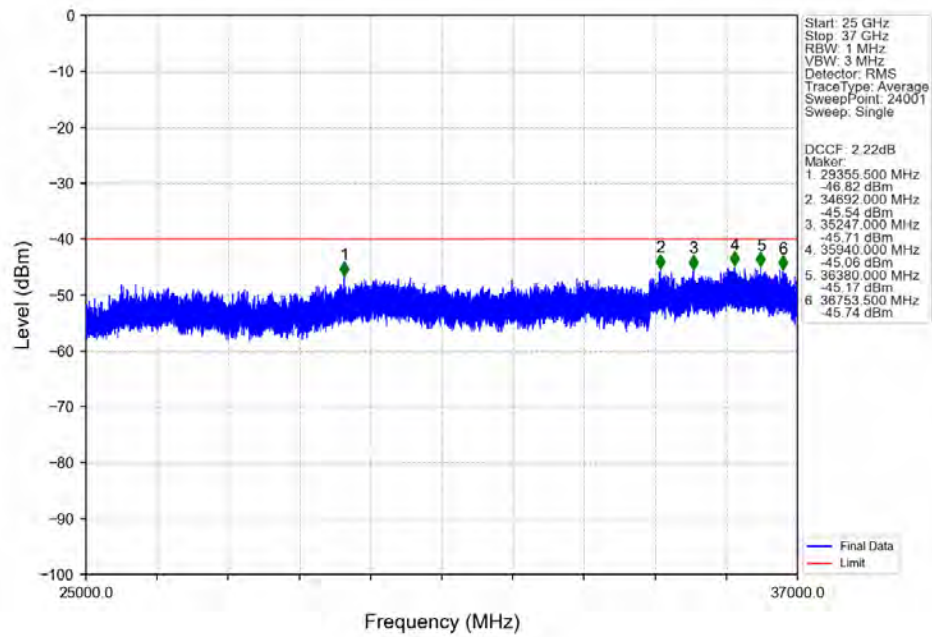
5.2.2 B48_10MHz



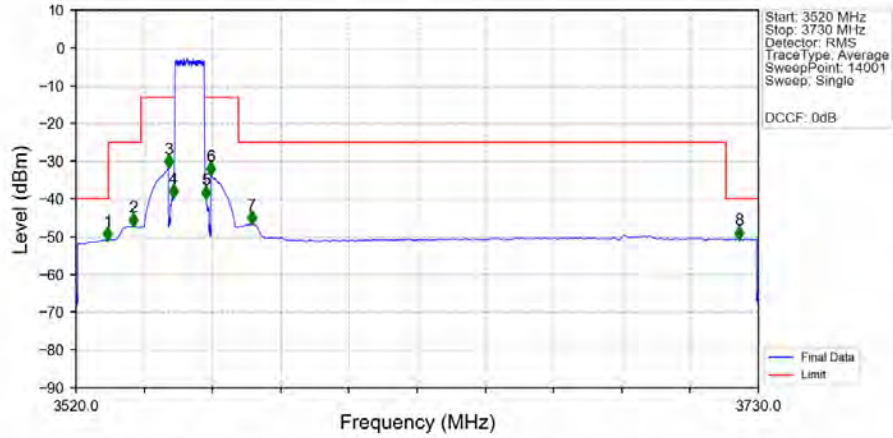
Band48 10MHz QPSK LCH 3555MHz RB 1 0 NTNV



Band48 10MHz QPSK LCH 3555MHz RB 1 0 NTNV

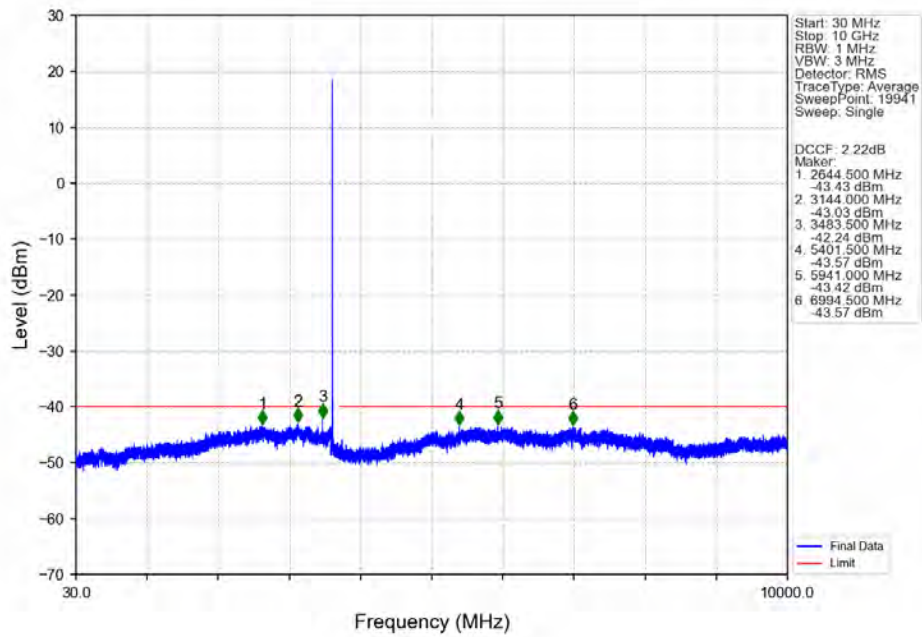


Band48 10MHz QPSK LCH 3555MHz RB 50 0 NTV

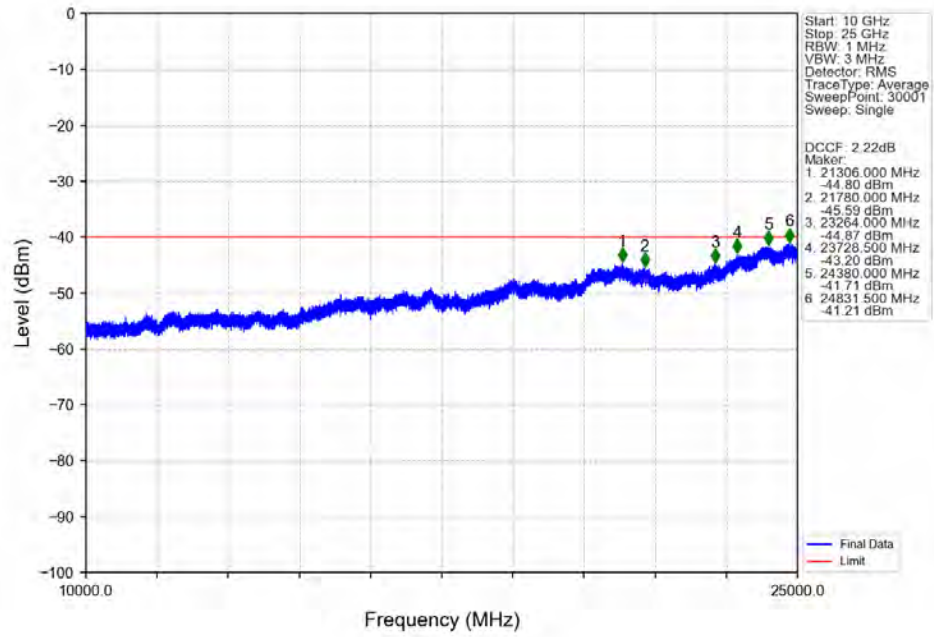


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.795	-50.79	-40	Pass
3530	3540	1	CHP	2	3537.565	-47.09	-25	Pass
3540	3549	1	CHP	3	3548.500	-31.62	-13	Pass
3549	3550	0.098	CHP	4	3549.955	-39.55	-13	Pass
3550	3560	0.098	CHP	/	/	/	/	/
3560	3561	0.098	CHP	5	3560.005	-39.82	-13	Pass
3561	3570	1	CHP	6	3561.505	-33.48	-13	Pass
3570	3720	1	CHP	7	3574.090	-46.59	-25	Pass
3720	3730	1	CHP	8	3724.105	-50.45	-40	Pass

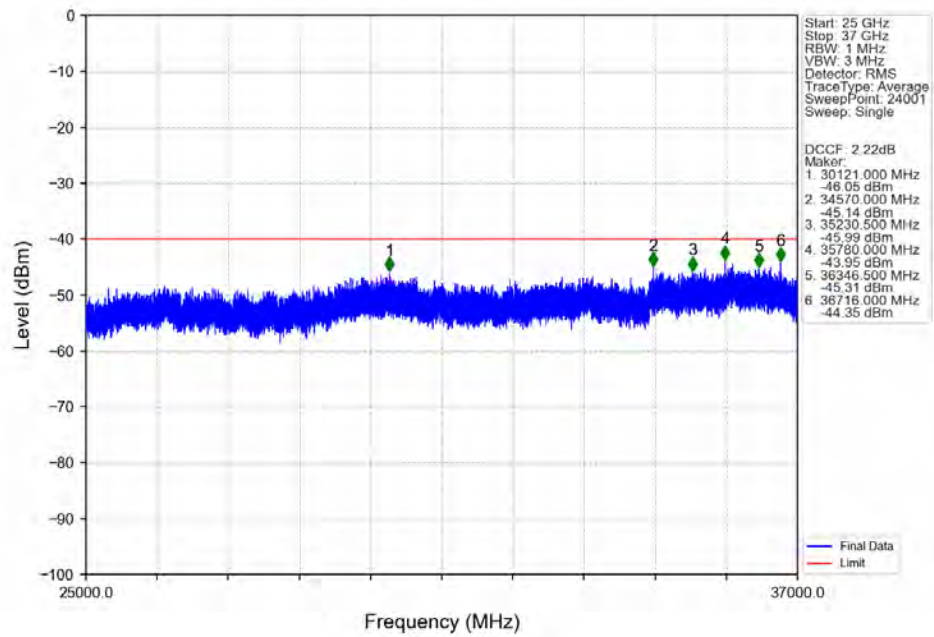
Band48 10MHz QPSK MCH 3625MHz RB 1 0 NTV



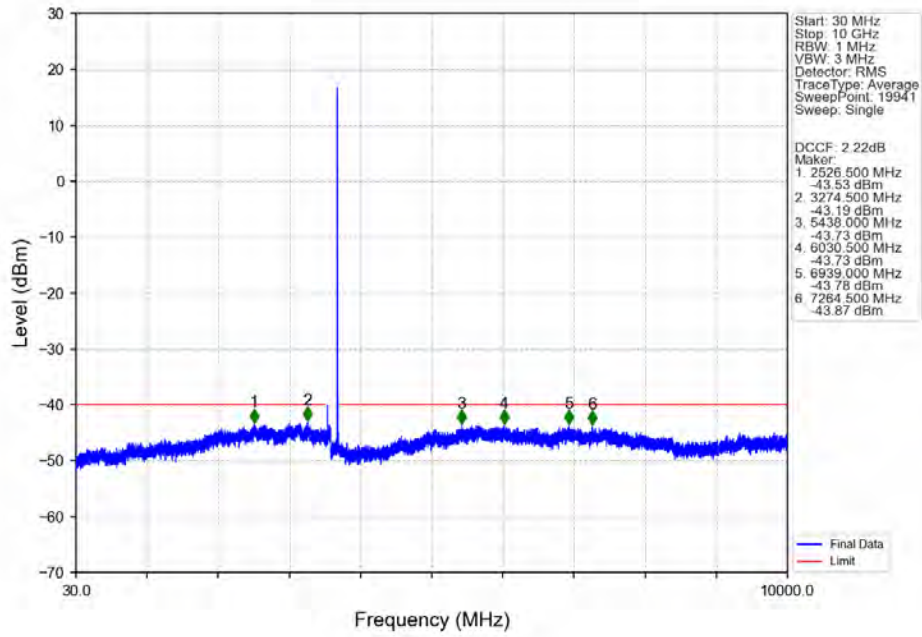
Band48 10MHz QPSK MCH 3625MHz RB 1 0 NTNV



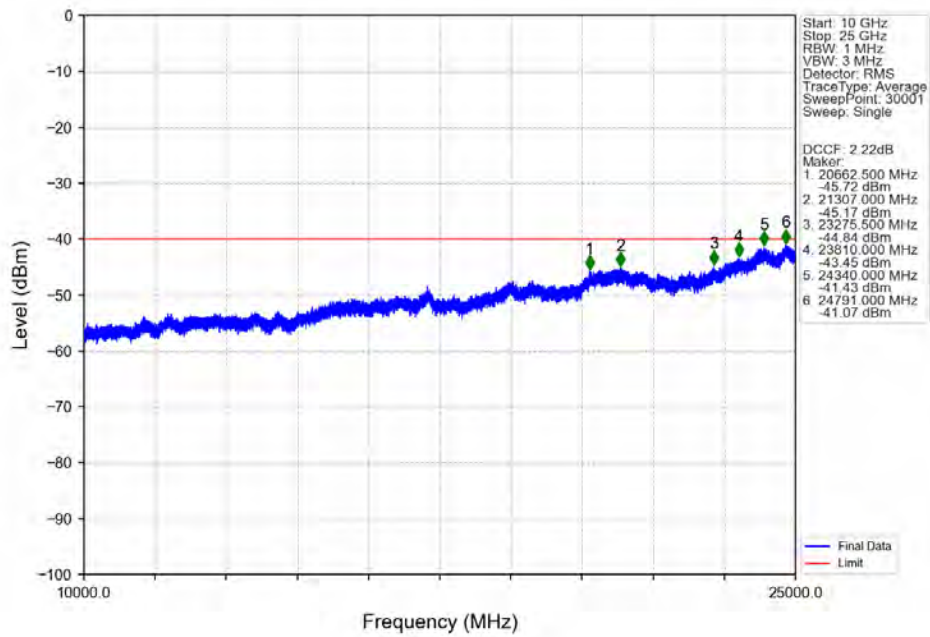
Band48 10MHz QPSK MCH 3625MHz RB 1 0 NTNV



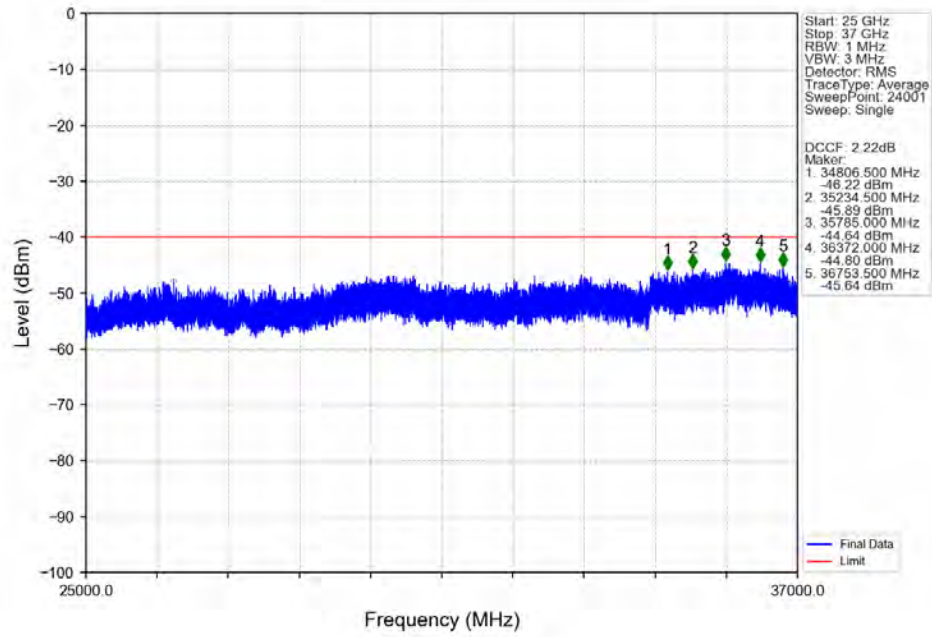
Band48 10MHz QPSK HCH 3695MHz RB 1 0 NTNV



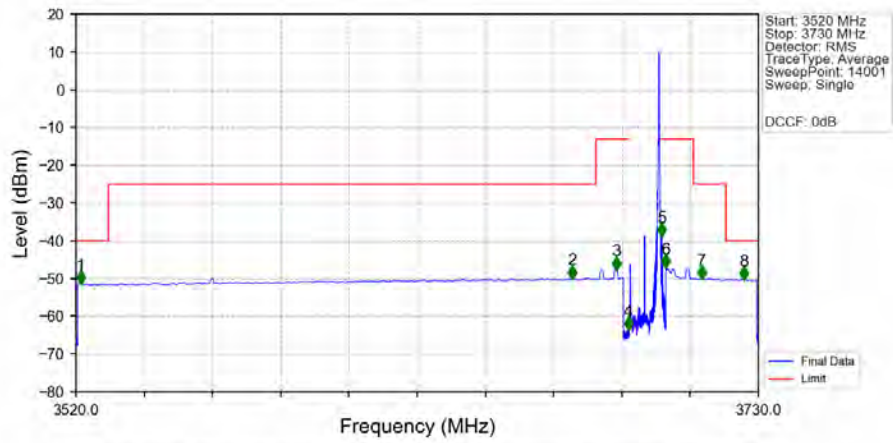
Band48 10MHz QPSK HCH 3695MHz RB 1 0 NTNV



Band48 10MHz QPSK HCH 3695MHz RB 1 0 NTNV

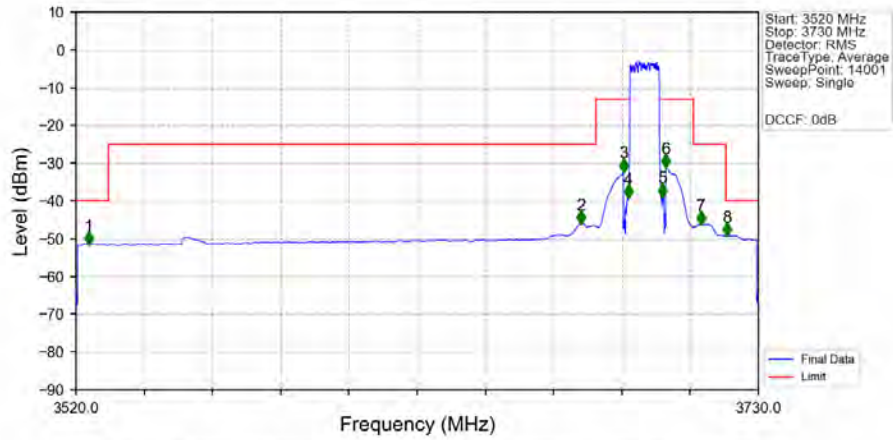


Band48 10MHz QPSK HCH 3695MHz RB 1 49 NTNV



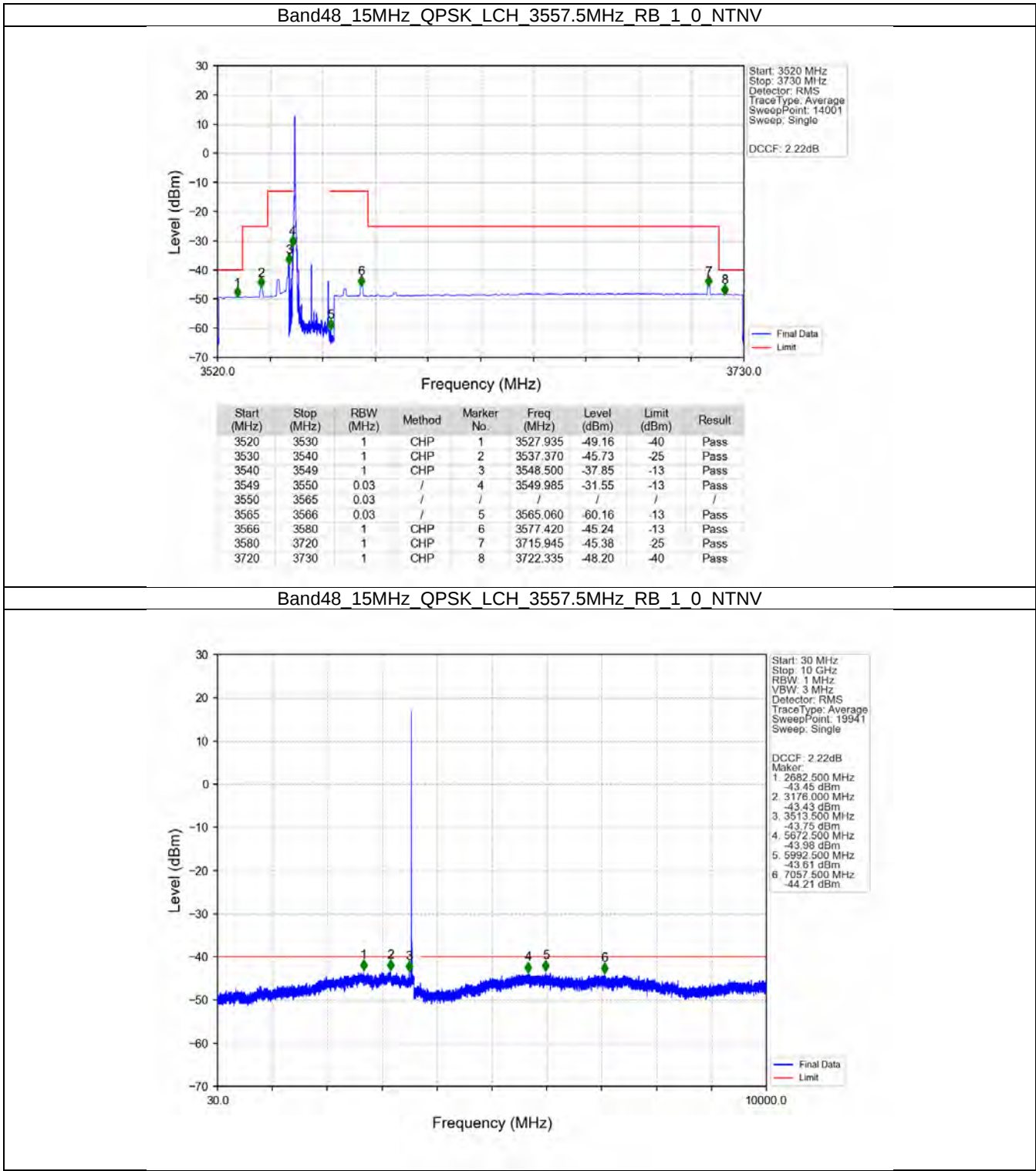
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3521.470	-51.33	-40	Pass
3530	3680	1	CHP	2	3672.685	-49.86	-25	Pass
3680	3689	1	CHP	3	3686.305	-47.55	-13	Pass
3689	3690	0.03	/	4	3689.995	-63.48	-13	Pass
3690	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.180	-38.66	-13	Pass
3701	3710	1	CHP	6	3701.515	-46.97	-13	Pass
3710	3720	1	CHP	7	3712.585	-49.98	-25	Pass
3720	3730	1	CHP	8	3725.545	-50.14	-40	Pass

Band48 10MHz QPSK HCH 3695MHz RB 50 0 NTV

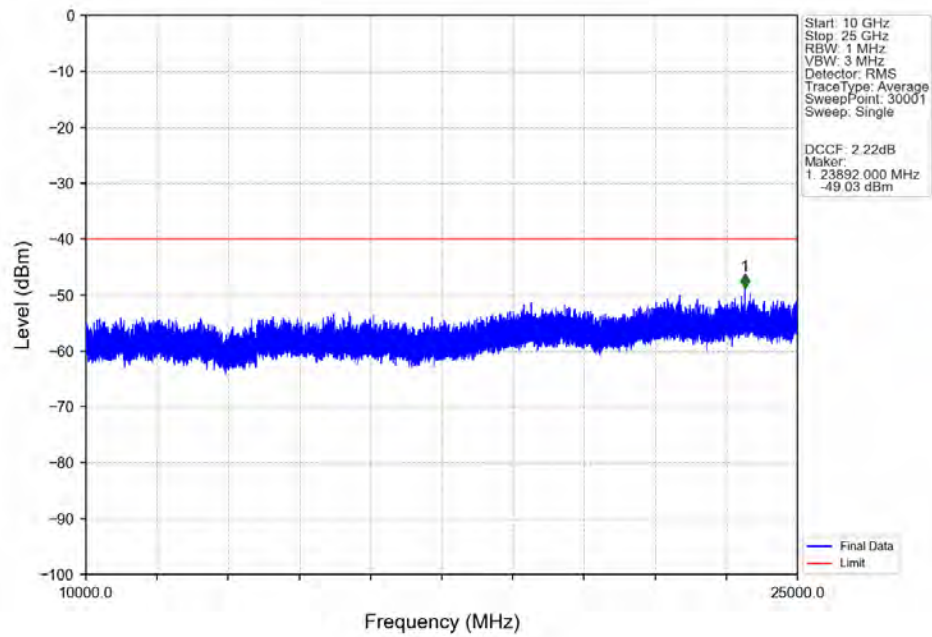


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3523.855	-51.43	-40	Pass
3530	3680	1	CHP	2	3675.505	-45.82	-25	Pass
3680	3689	1	CHP	3	3688.495	-32.08	-13	Pass
3689	3690	0.098	CHP	4	3689.965	-39.10	-13	Pass
3690	3700	0.098	CHP	/	/	/	/	/
3700	3701	0.098	CHP	5	3700.525	-38.72	13	Pass
3701	3710	1	CHP	6	3701.500	-30.87	-13	Pass
3710	3720	1	CHP	7	3712.300	-46.15	-25	Pass
3720	3730	1	CHP	8	3720.355	-49.08	-40	Pass

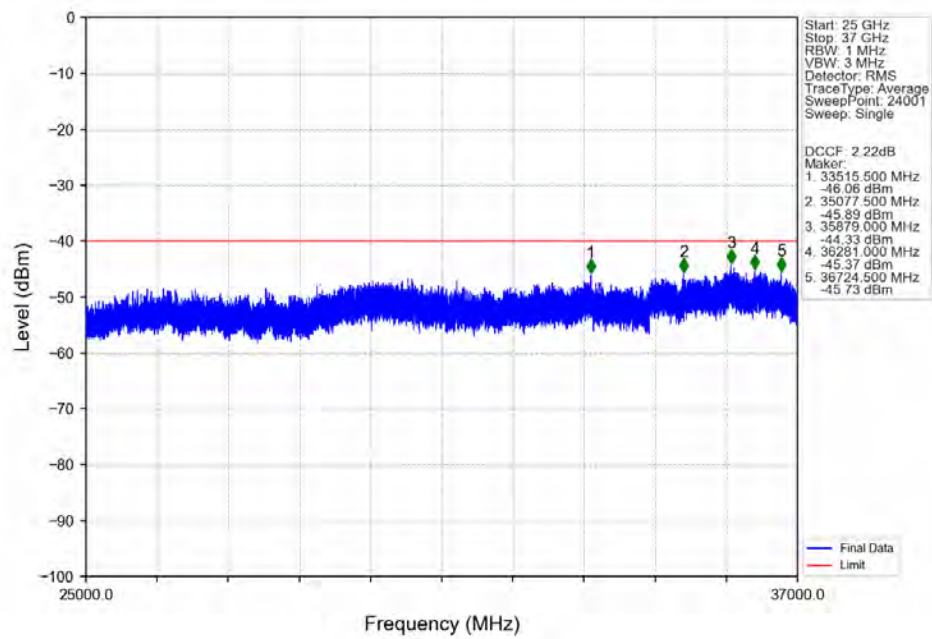
5.2.3 B48_15MHz



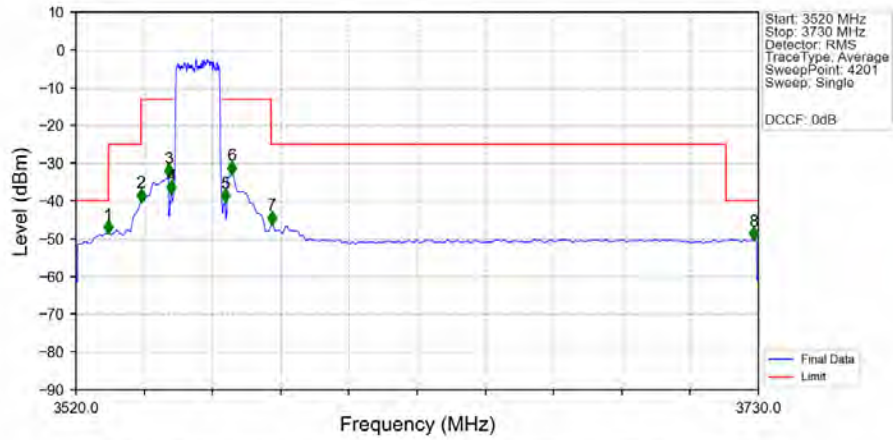
Band48 15MHz QPSK LCH 3557.5MHz RB 1 0 NTNV



Band48 15MHz QPSK LCH 3557.5MHz RB 1 0 NTNV

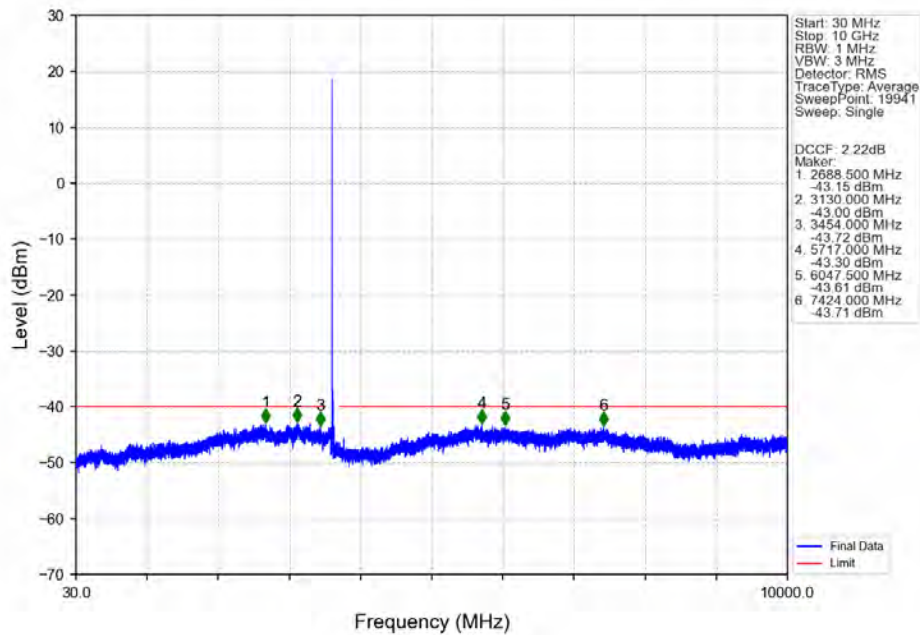


Band48 15MHz QPSK LCH 3557.5MHz RB 75 0 NTNV

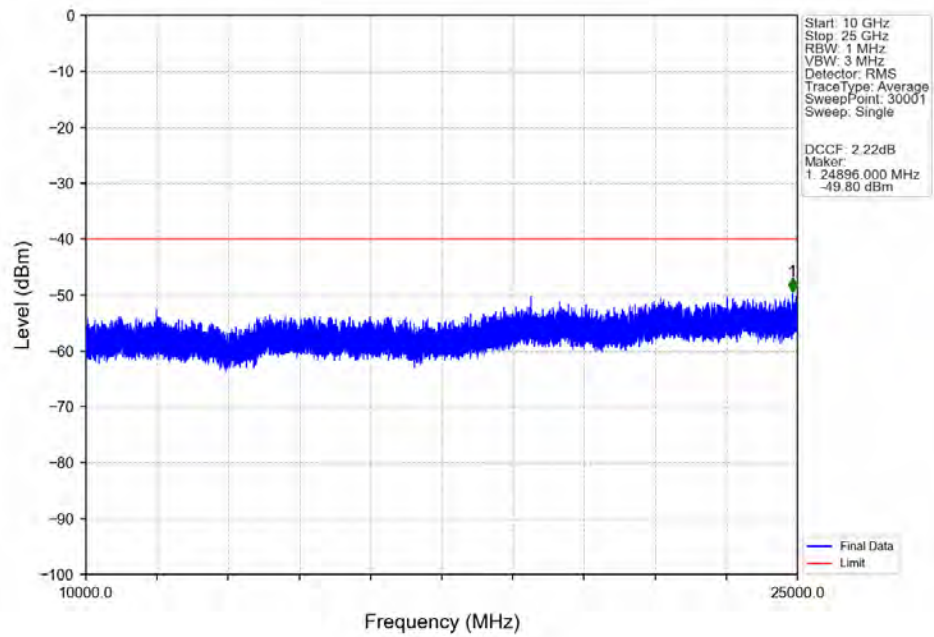


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.850	-48.51	-40	Pass
3530	3540	1	CHP	2	3540.000	-39.99	-25	Pass
3540	3549	1	CHP	3	3548.500	-33.55	-13	Pass
3549	3550	0.148	CHP	4	3549.350	-37.93	-13	Pass
3550	3565	0.148	CHP	/	/	/	/	/
3565	3566	0.148	CHP	5	3565.800	-40.09	-13	Pass
3566	3580	1	CHP	6	3567.950	-32.74	-13	Pass
3580	3720	1	CHP	7	3580.200	-46.01	-25	Pass
3720	3730	1	CHP	8	3728.450	-50.20	-40	Pass

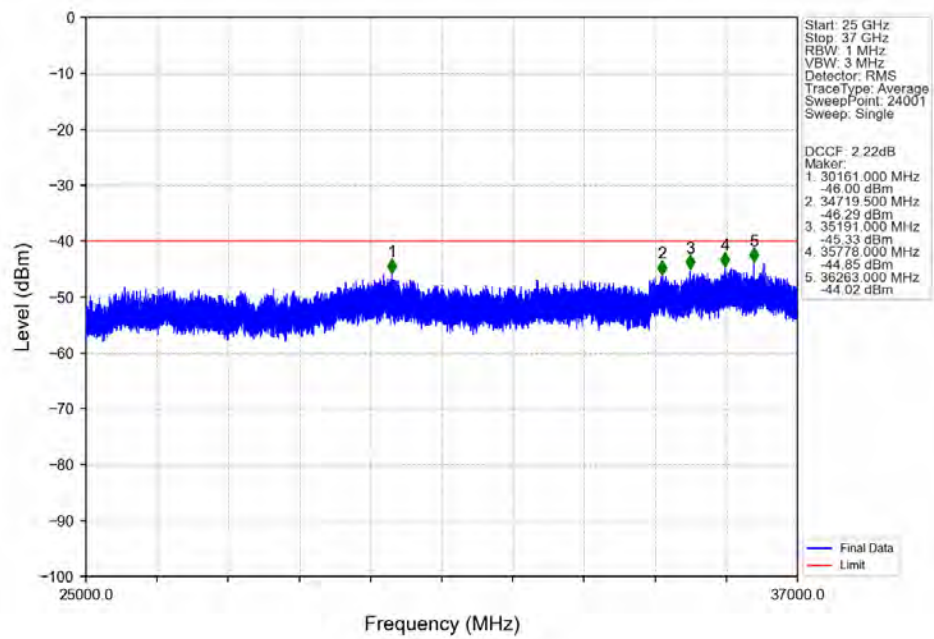
Band48 15MHz QPSK MCH 3625MHz RB 1 0 NTNV



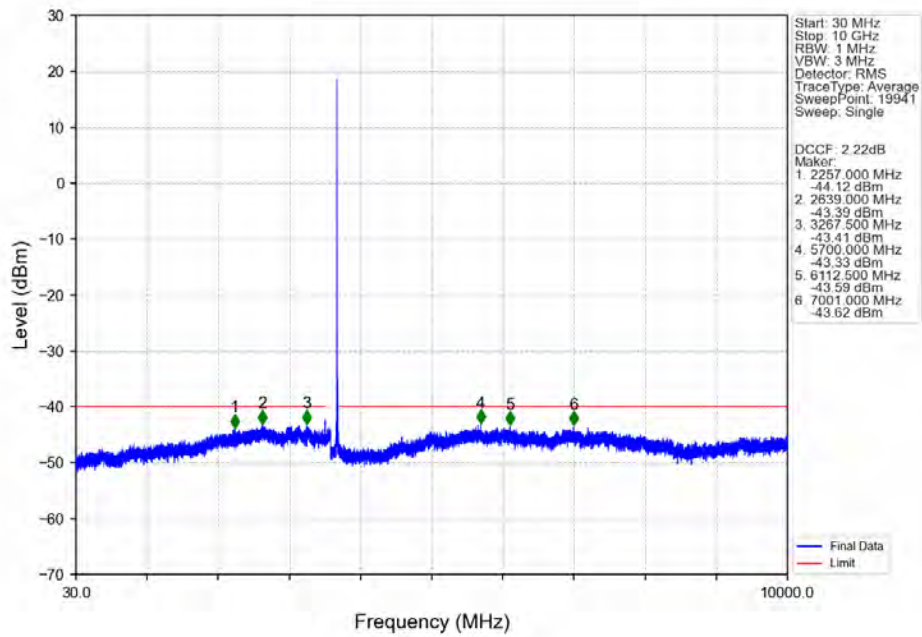
Band48 15MHz QPSK MCH 3625MHz RB 1 0 NTNV



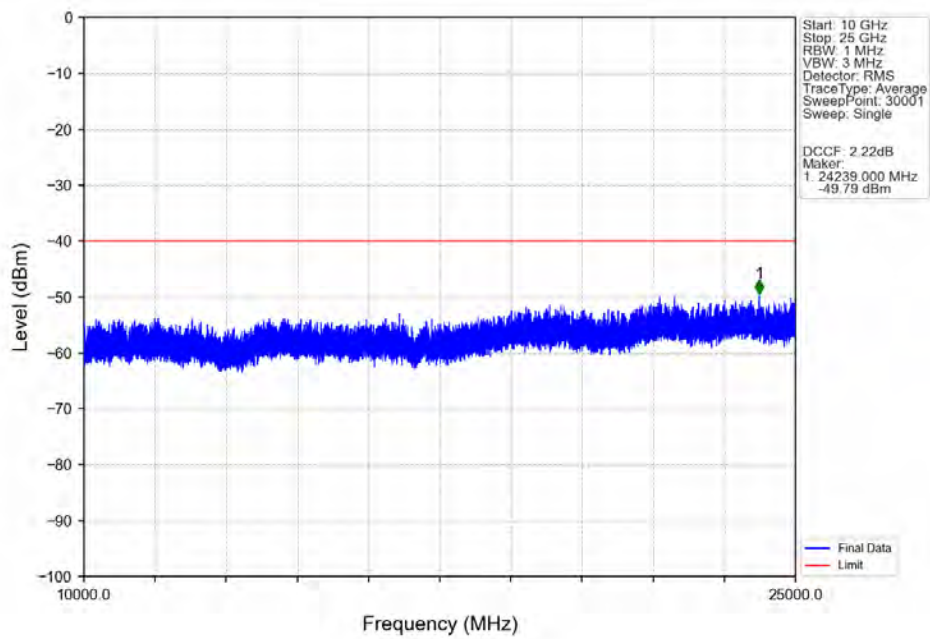
Band48 15MHz QPSK MCH 3625MHz RB 1 0 NTNV



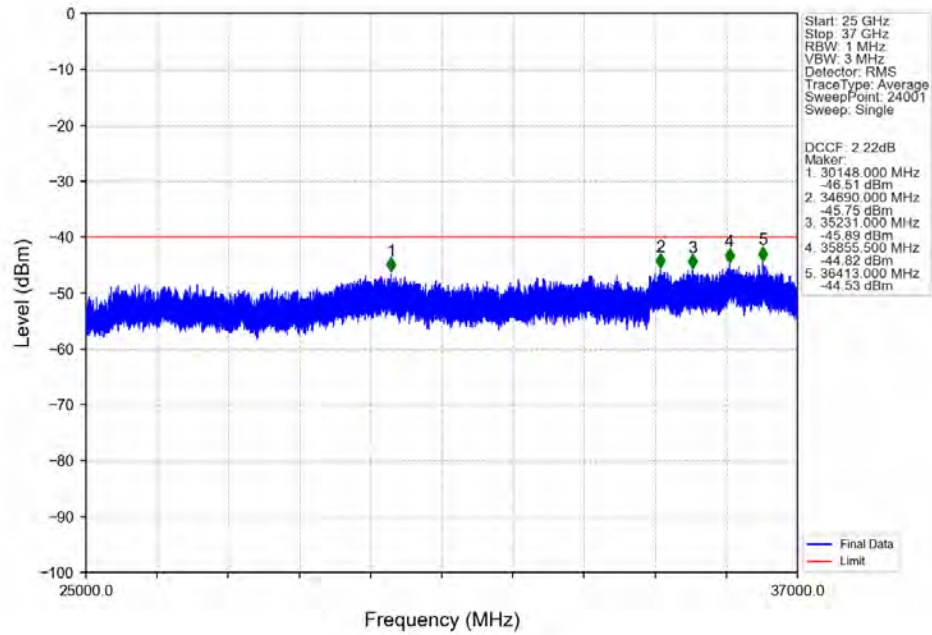
Band48 15MHz QPSK HCH 3692.5MHz RB 1 0 NTNV



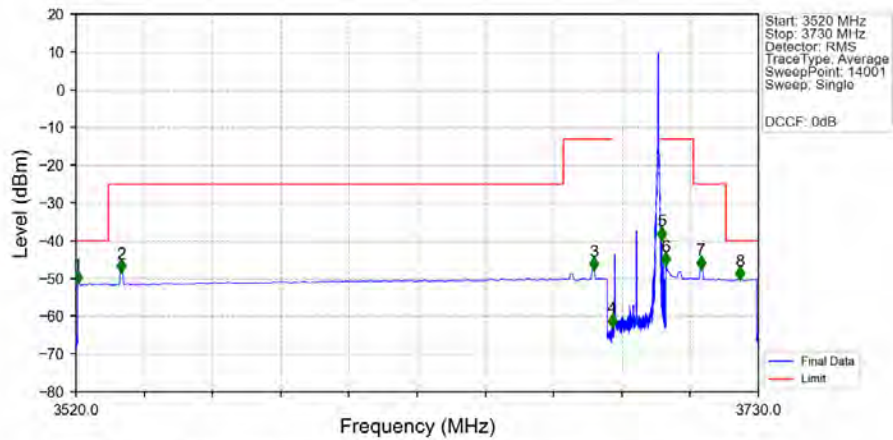
Band48 15MHz QPSK HCH 3692.5MHz RB 1 0 NTNV



Band48 15MHz QPSK HCH 3692.5MHz RB 1 0 NTNV

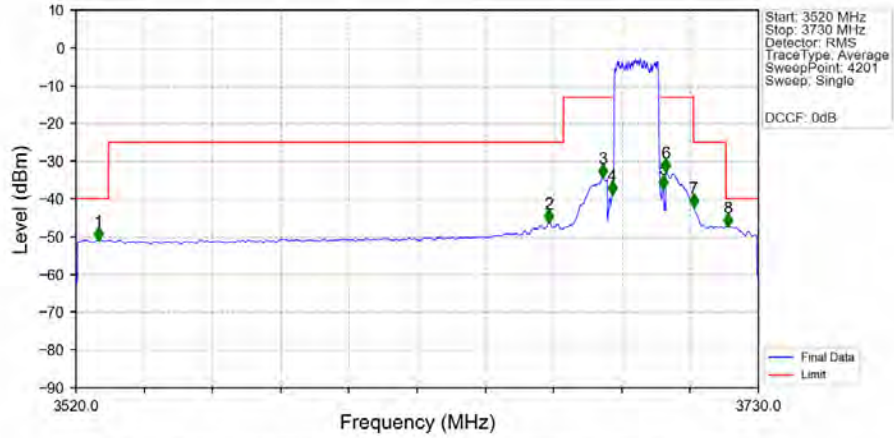


Band48 15MHz QPSK HCH 3692.5MHz RB 1 74 NTNV



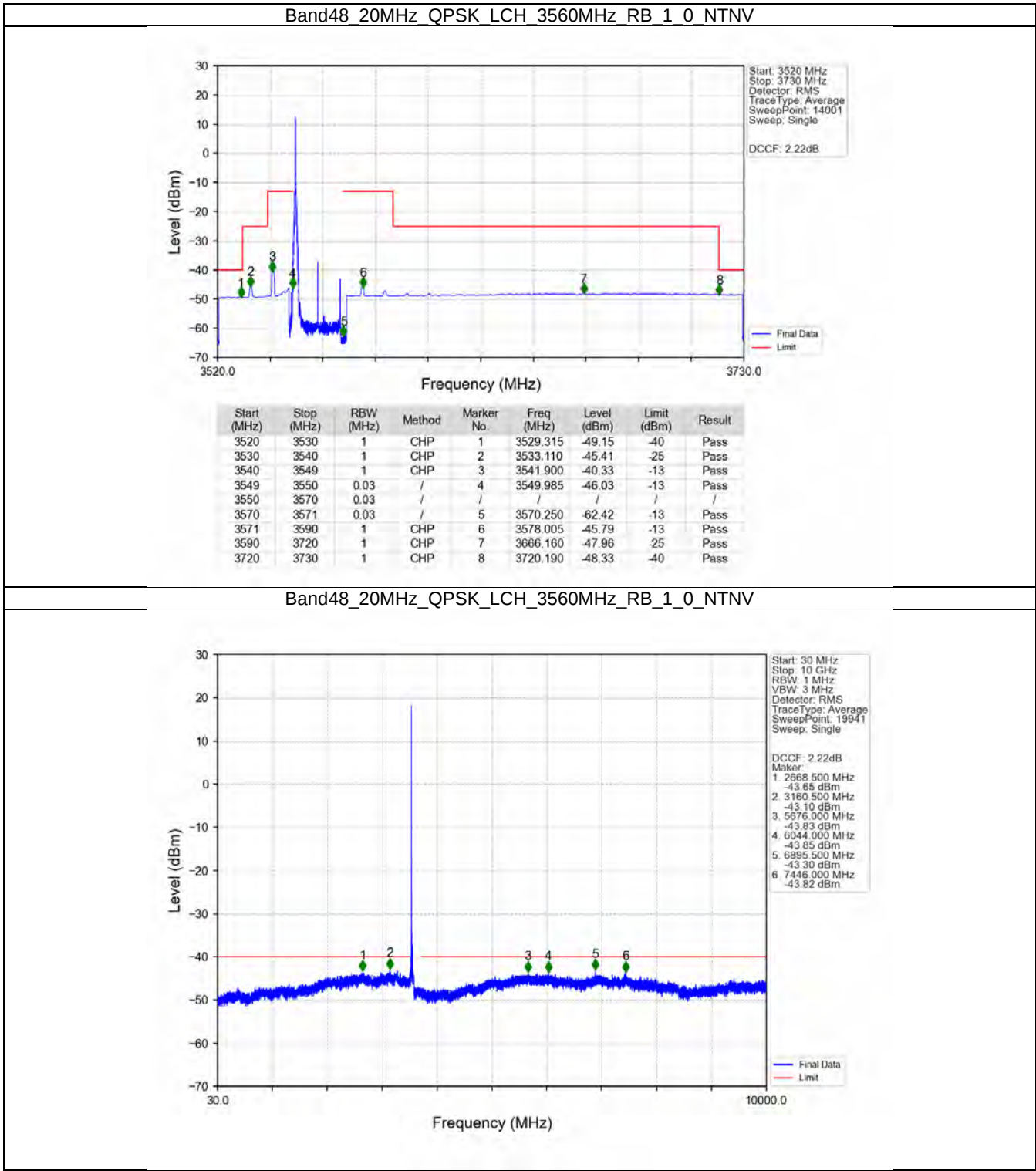
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3520.510	-51.33	-40	Pass
3530	3670	1	CHP	2	3534.010	-48.30	-25	Pass
3670	3684	1	CHP	3	3679.255	-47.64	-13	Pass
3684	3685	0.03	/	4	3684.955	-62.71	-13	Pass
3685	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.105	-39.63	-13	Pass
3701	3710	1	CHP	6	3701.500	-46.33	-13	Pass
3710	3720	1	CHP	7	3712.375	-47.32	-25	Pass
3720	3730	1	CHP	8	3724.225	-50.25	-40	Pass

Band48 15MHz QPSK HCH 3692.5MHz RB 75 0 NTNV

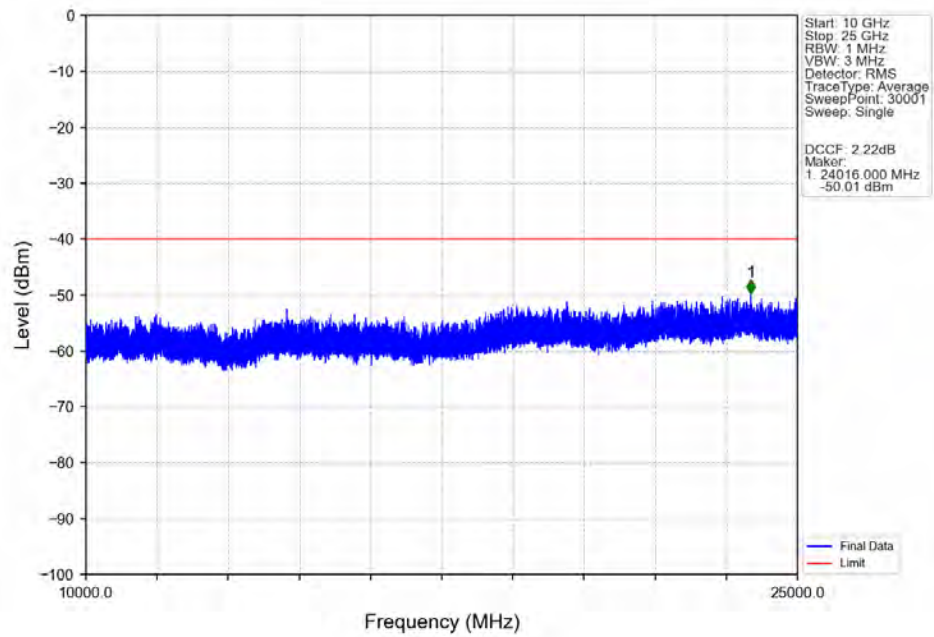


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3526.950	-50.75	-40	Pass
3530	3670	1	CHP	2	3665.400	-46.09	-25	Pass
3670	3684	1	CHP	3	3682.050	-34.15	-13	Pass
3684	3685	0.148	CHP	4	3684.950	-38.65	-13	Pass
3685	3700	0.148	CHP	/	/	/	/	/
3700	3701	0.148	CHP	5	3700.600	-37.03	13	Pass
3701	3710	1	CHP	6	3701.500	-32.64	-13	Pass
3710	3720	1	CHP	7	3710.050	-42.06	-25	Pass
3720	3730	1	CHP	8	3720.550	-47.23	-40	Pass

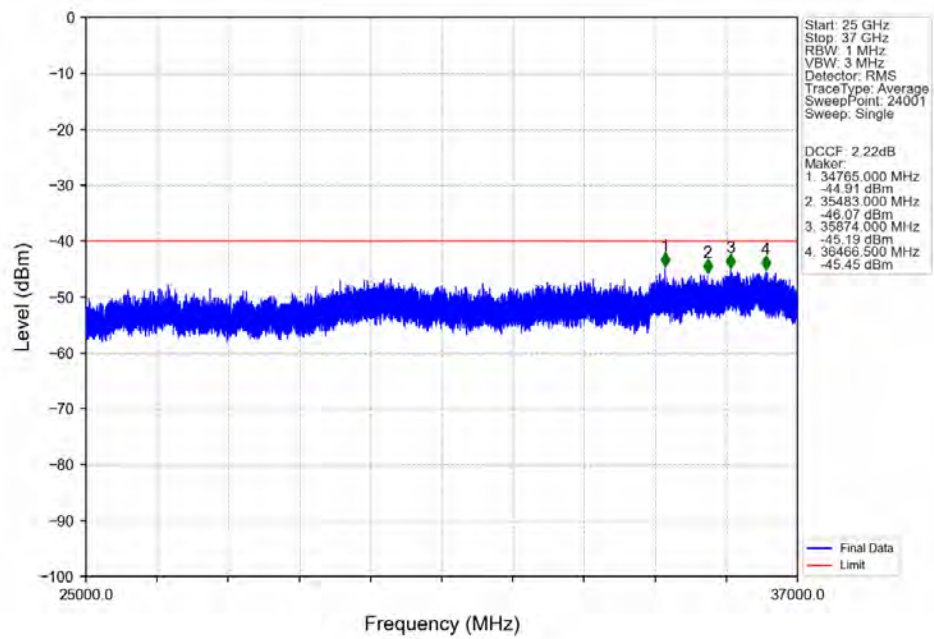
5.2.4 B48_20MHz



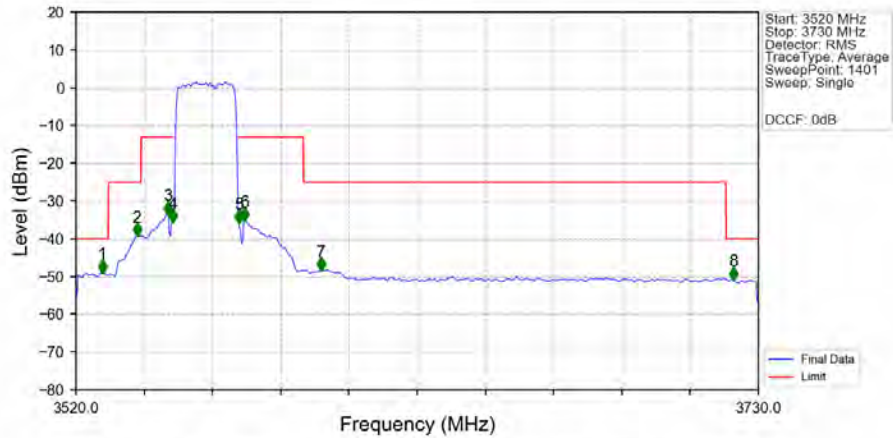
Band48 20MHz QPSK LCH 3560MHz RB 1 0 NTN



Band48 20MHz QPSK LCH 3560MHz RB 1 0 NTN

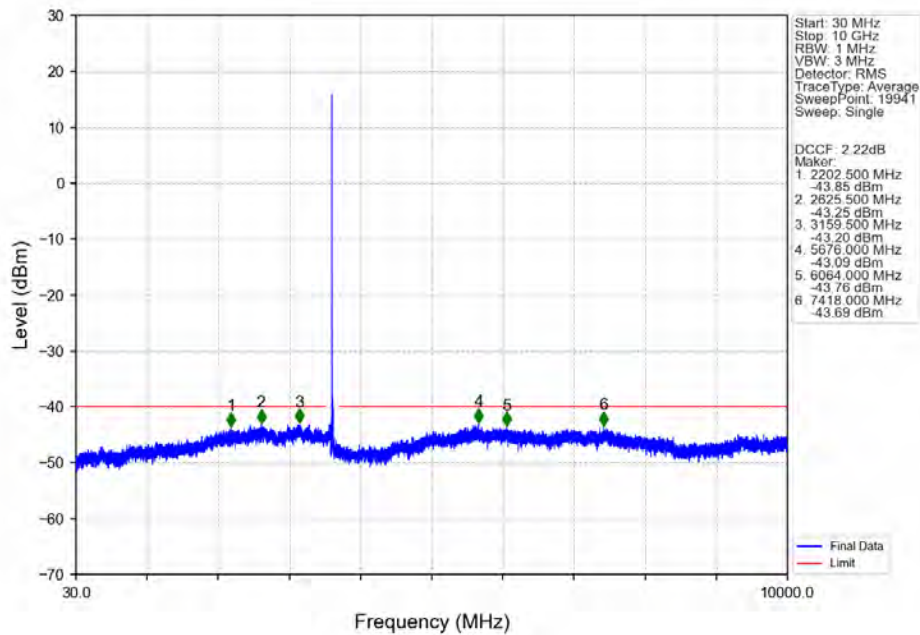


Band48 20MHz QPSK LCH 3560MHz RB 100 0 NTNV

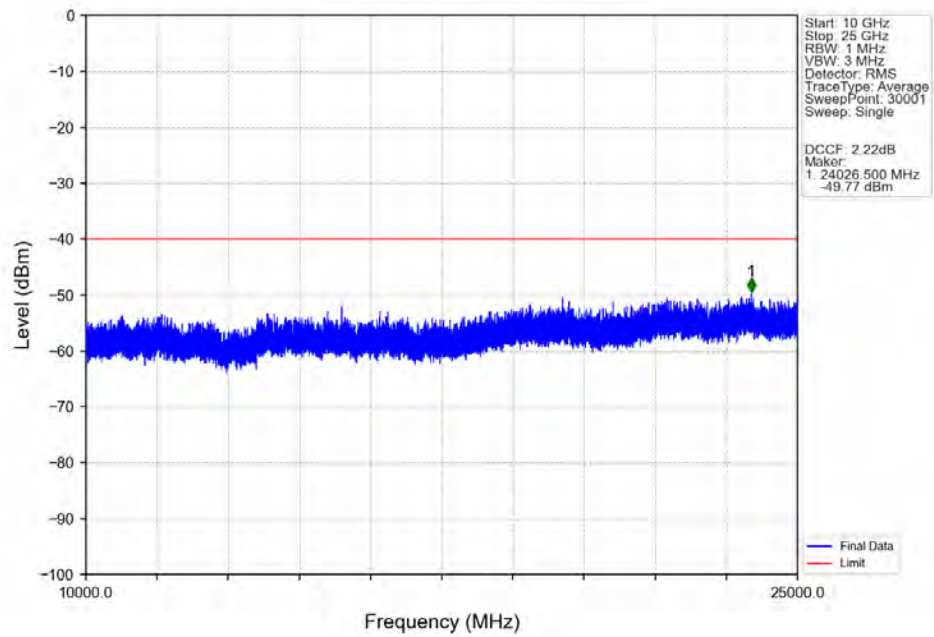


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.100	-48.82	-40	Pass
3530	3540	1	CHP	2	3538.750	-39.04	-25	Pass
3540	3549	1	CHP	3	3548.200	-33.42	-13	Pass
3549	3550	0.6	CHP	4	3549.850	-35.43	-13	Pass
3550	3570	0.6	CHP	/	/	/	/	/
3570	3571	0.6	CHP	5	3570.100	-35.61	13	Pass
3571	3590	1	CHP	6	3571.900	-35.05	-13	Pass
3590	3720	1	CHP	7	3595.450	-48.23	-25	Pass
3720	3730	1	CHP	8	3722.200	-50.71	-40	Pass

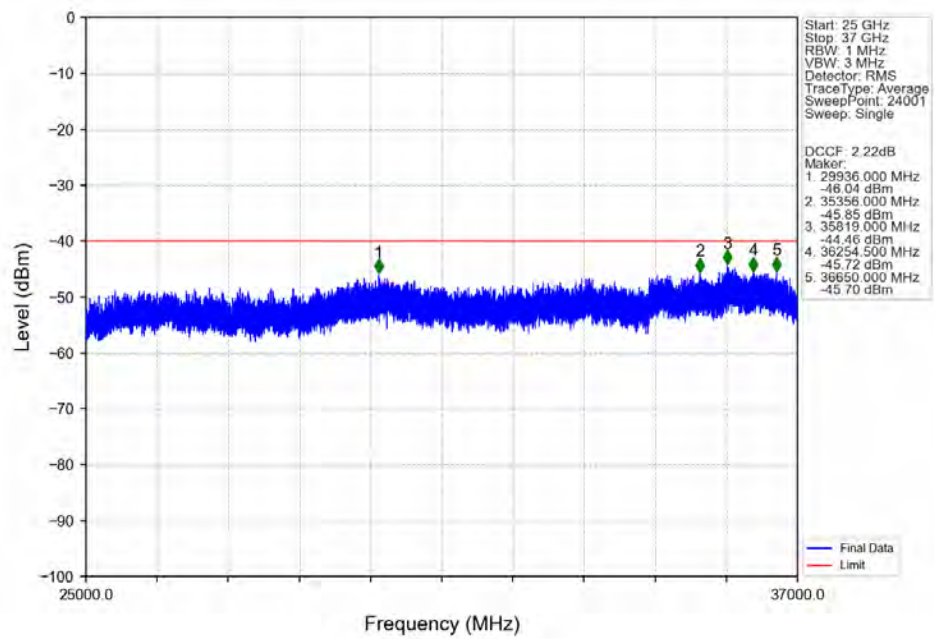
Band48 20MHz QPSK MCH 3625MHz RB 1 0 NTNV



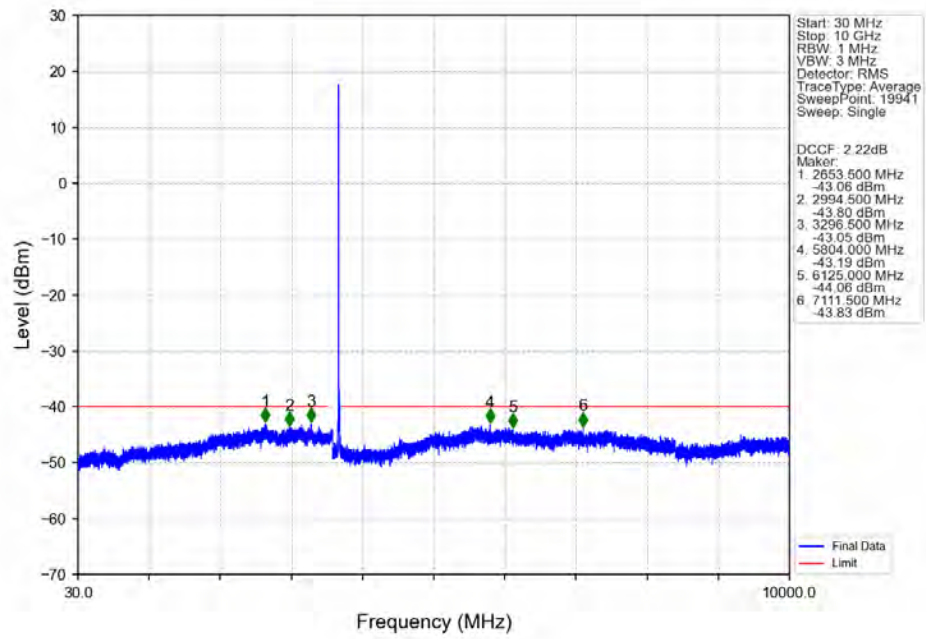
Band48 20MHz QPSK MCH 3625MHz RB 1 0 NTNV



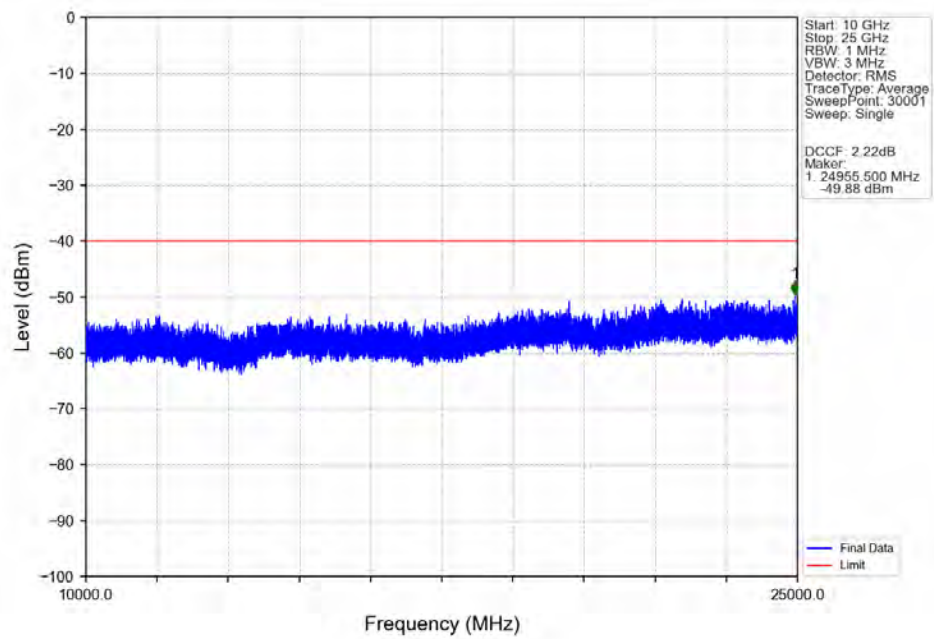
Band48 20MHz QPSK MCH 3625MHz RB 1 0 NTNV



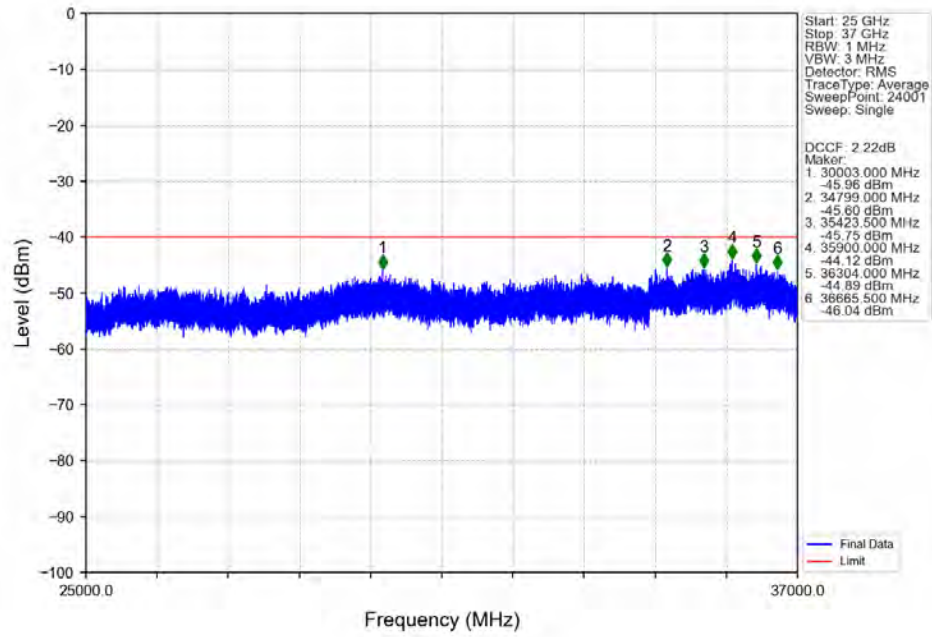
Band48 20MHz QPSK HCH 3690MHz RB 1 0 NTNV



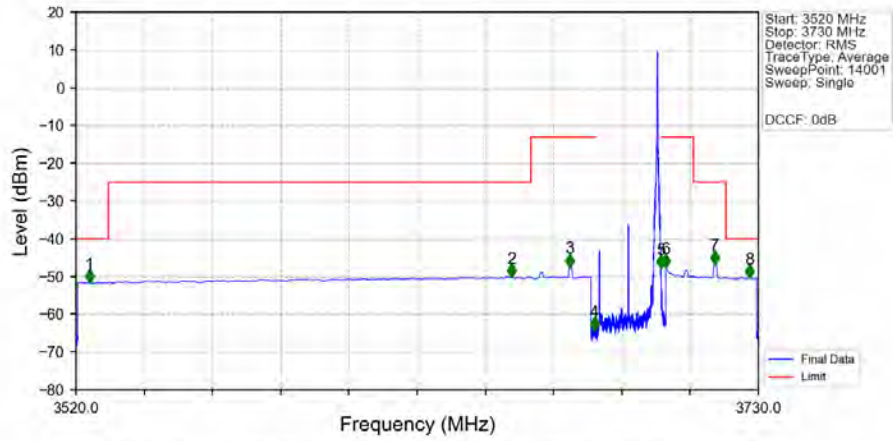
Band48 20MHz QPSK HCH 3690MHz RB 1 0 NTNV



Band48 20MHz QPSK HCH 3690MHz RB 1 0 NTNV

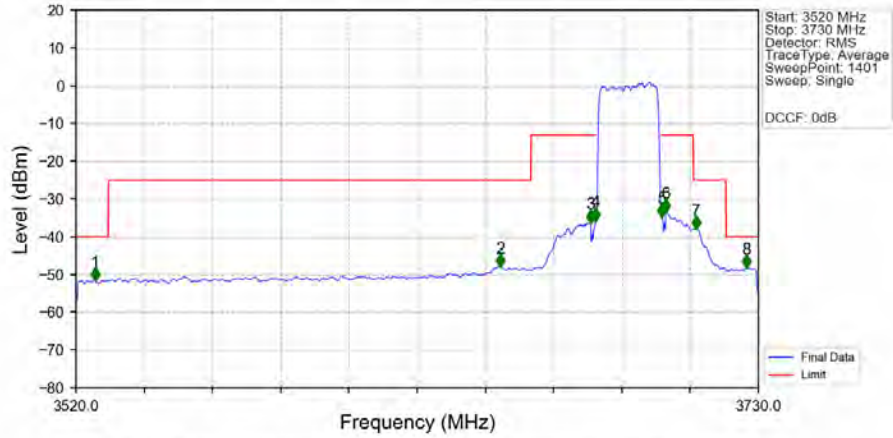


Band48 20MHz QPSK HCH 3690MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3524.110	-51.53	-40	Pass
3530	3660	1	CHP	2	3654.160	-49.93	-25	Pass
3660	3679	1	CHP	3	3671.890	-47.32	-13	Pass
3679	3680	0.03	/	4	3679.570	-64.08	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.030	-47.63	-13	Pass
3701	3710	1	CHP	6	3701.500	-47.46	-13	Pass
3710	3720	1	CHP	7	3716.665	-46.61	-25	Pass
3720	3730	1	CHP	8	3727.255	-50.26	-40	Pass

Band48 20MHz QPSK HCH 3690MHz RB 100 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.850	-51.48	-40	Pass
3530	3660	1	CHP	2	3650.650	-47.83	-25	Pass
3660	3679	1	CHP	3	3678.400	-36.22	-13	Pass
3679	3680	0.6	CHP	4	3679.900	-35.54	-13	Pass
3680	3700	0.6	CHP	/	/	/	/	/
3700	3701	0.6	CHP	5	3700.150	-34.54	13	Pass
3701	3710	1	CHP	6	3701.500	-33.26	-13	Pass
3710	3720	1	CHP	7	3710.950	-37.88	25	Pass
3720	3730	1	CHP	8	3726.250	-48.03	-40	Pass

6. Field Strength of Spurious Radiation

LTE Band 48-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7102.0	-59.38	-40	-19.38	-65.71	4.92	11.25	Horizontal	Pass
10653.0	-55.52	-40	-15.52	-63.08	5.61	13.17	Horizontal	Pass
14204.0	-54.2	-40	-14.2	-62.2	6.46	14.46	Horizontal	Pass
7102.0	-59.56	-40	-19.56	-65.89	4.92	11.25	Vertical	Pass
10653.0	-55.73	-40	-15.73	-63.29	5.61	13.17	Vertical	Pass
14204.0	-54.63	-40	-14.63	-62.63	6.46	14.46	Vertical	Pass

LTE Band 48-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7232.0	-59.35	-40	-19.35	-65.83	4.93	11.41	Horizontal	Pass
10848.0	-54.53	-40	-14.53	-62.04	5.71	13.22	Horizontal	Pass
14464.0	-53.8	-40	-13.8	-61.61	6.61	14.42	Horizontal	Pass
7232.0	-59.31	-40	-19.31	-65.79	4.93	11.41	Vertical	Pass
10848.0	-52.07	-40	-12.07	-59.58	5.71	13.22	Vertical	Pass
14464.0	-54.26	-40	-14.26	-62.07	6.61	14.42	Vertical	Pass

LTE Band 48-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7362.0	-59.38	-40	-19.38	-66.02	4.93	11.57	Horizontal	Pass
11043.0	-54.98	-40	-14.98	-62.46	5.79	13.27	Horizontal	Pass
14724.0	-54.7	-40	-14.7	-62.33	6.83	14.46	Horizontal	Pass
7362.0	-57.5	-40	-17.5	-64.14	4.93	11.57	Vertical	Pass
11043.0	-53.83	-40	-13.83	-61.31	5.79	13.27	Vertical	Pass
14724.0	-54.6	-40	-14.6	-62.23	6.83	14.46	Vertical	Pass