

1. Duty Cycle

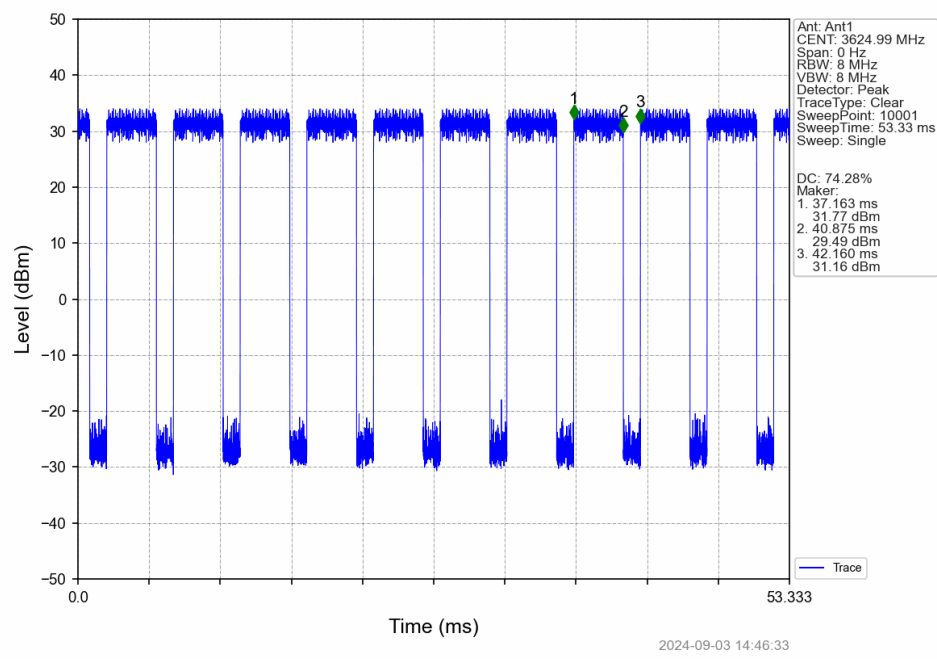
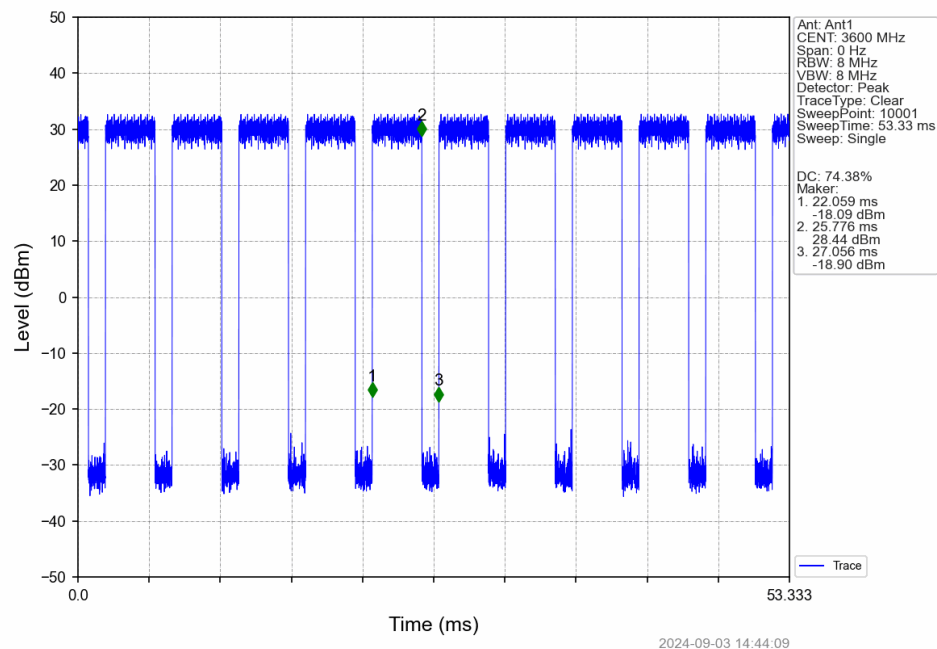
1.1 Test Result

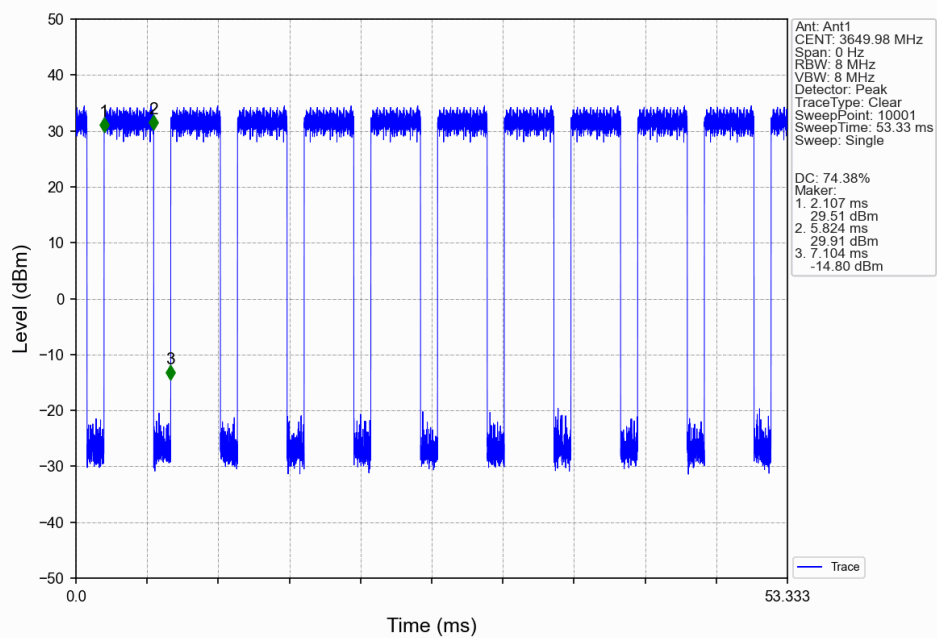
1.1.1 30_Single_Ant1

Band n48 Single NTN Ant1							
BW (MHz)	DL Frequency (MHz)	Test Mode	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
CC1:100	CC1:3600	NR-FR1-TM1.1	3.717	4.997	74.38	1.29	0.11
	CC1:3624.99	NR-FR1-TM1.1	3.712	4.997	74.28	1.29	0.11
	CC1:3649.98	NR-FR1-TM1.1	3.717	4.997	74.38	1.29	0.11

1.2 Test Graph

1.2.1 30_Single_Ant1





2024-09-03 14:49:46

2. Effective (Isotropic) Radiated Power Output Data

2.1 Test Result

2.1.1 30_Single_Power

Band n48 Single NTN								
BW (MHz)	DL Frequency (MHz)	Test Mode	Ant No.	Conducted Power (dBm)	EIRP (dBm)			Verdict
				CC1		Total	Limit	
CC1:100	CC1:3600	NR-FR1-TM1.1	1	33.76	48.76	48.76	/	Pass
			2	32.61	47.61	47.61	/	Pass
			3	31.50	46.50	46.50	/	Pass
			4	34.02	49.02	49.02	/	Pass
			Sum	39.10	54.10	54.10	/	Pass
	CC1:3624.99	NR-FR1-TM1.1	1	33.97	48.97	48.97	/	Pass
			2	30.98	45.98	45.98	/	Pass
			3	33.66	48.66	48.66	/	Pass
			4	34.45	49.45	49.45	/	Pass
			Sum	39.47	54.47	54.47	/	Pass
	CC1:3649.98	NR-FR1-TM1.1	1	34.20	49.20	49.20	/	Pass
			2	33.28	48.28	48.28	/	Pass
			3	33.99	48.99	48.99	/	Pass
			4	34.74	49.74	49.74	/	Pass
			Sum	40.10	55.10	55.10	/	Pass

2.1.2 30_Single_Power2

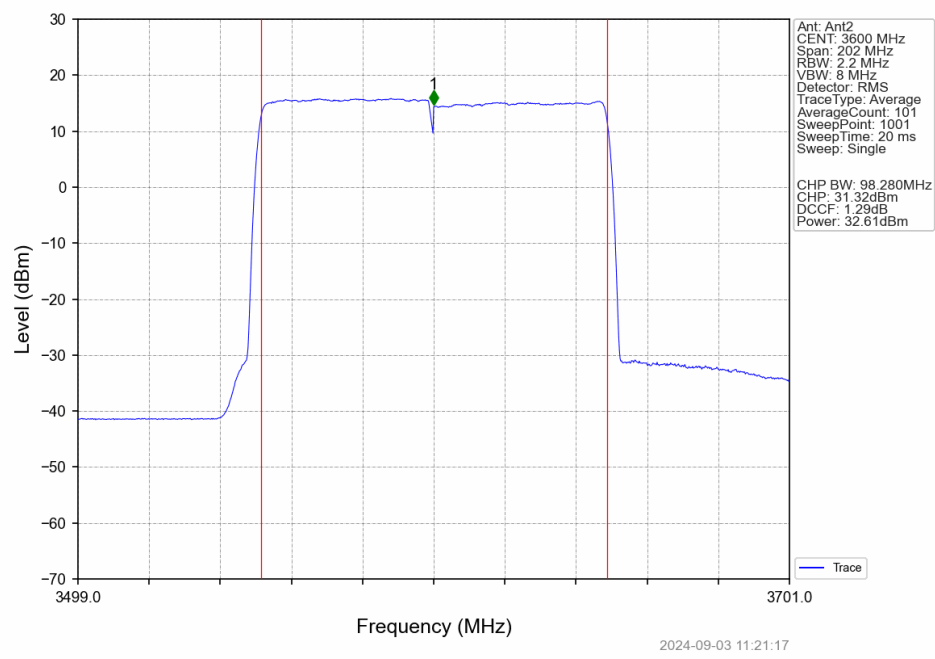
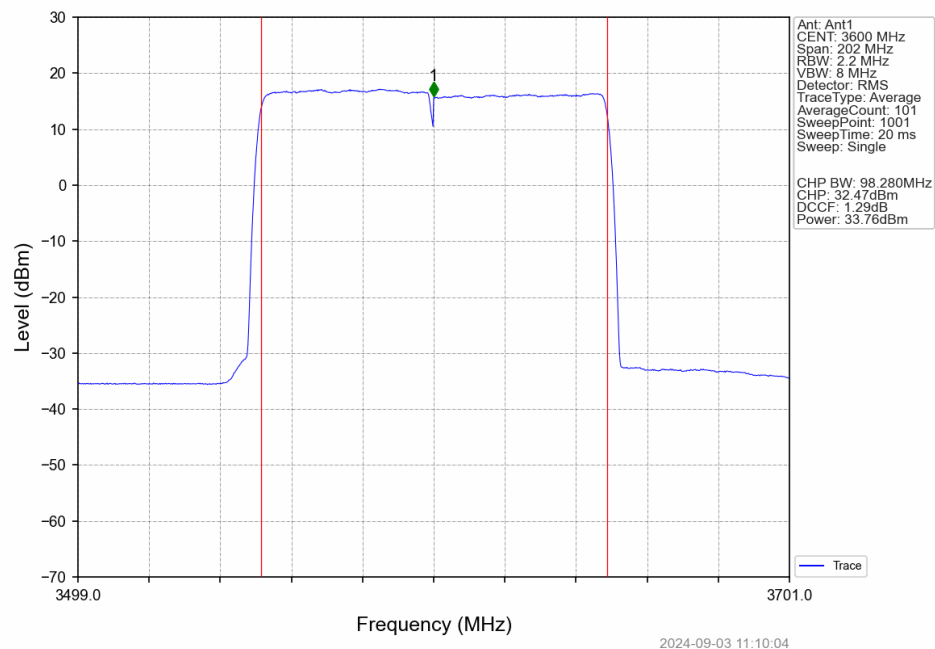
Band n48 Single NTN								
BW (MHz)	DL Frequency (MHz)	Test Mode	Ant No.	Conducted Power (dBm/MHz)	EIRP (dBm/MHz)			Verdict
				CC1		Total	Limit	
CC1:100	CC1:3600	NR-FR1-TM1.1	1	15.03	30.03	/	/	Pass
			2	15.50	30.50	/	/	Pass
			3	14.63	29.63	/	/	Pass
			4	15.54	30.54	/	/	Pass
			Sum	21.21	36.21	/	<=37	Pass
	CC1:3624.99	NR-FR1-TM1.1	1	15.09	30.09	/	/	Pass
			2	13.18	28.18	/	/	Pass
			3	14.67	29.67	/	/	Pass
			4	15.55	30.55	/	/	Pass
			Sum	20.73	35.73	/	<=37	Pass
	CC1:3649.98	NR-FR1-TM1.1	1	15.41	30.41	/	/	Pass
			2	15.53	30.53	/	/	Pass
			3	14.96	29.96	/	/	Pass
			4	15.73	30.73	/	/	Pass
			Sum	21.44	36.44	/	<=37	Pass

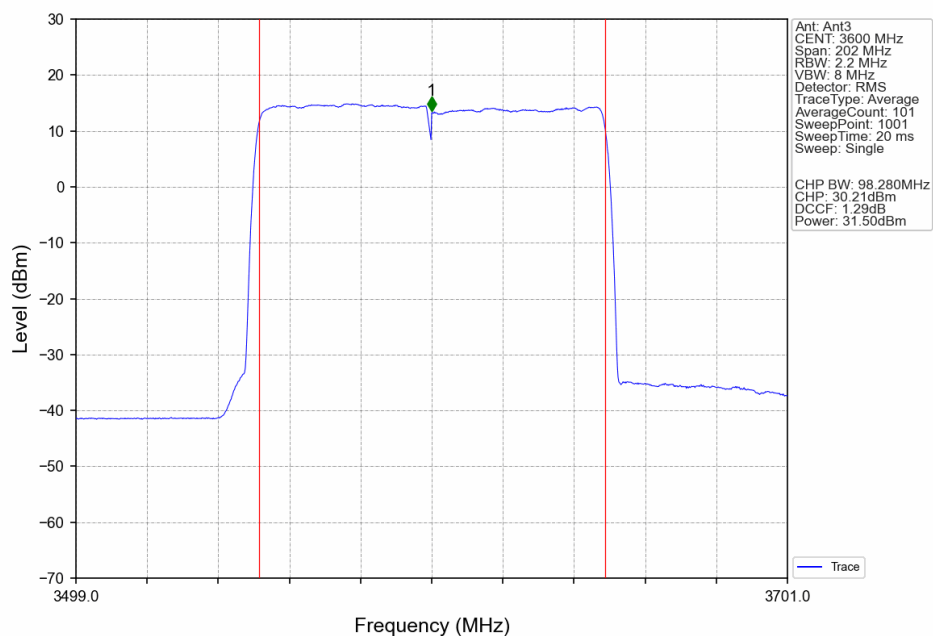
2.1.3 30_Single_Power3

Band n48 Single NTN							
BW (MHz)	DL Frequency (MHz)	Test Mode	Ant No.	Conducted Power (dBm/10MHz)	EIRP (dBm/10MHz)		Verdict
				CC1	Total	Limit	
CC1:100	CC1:3600	NR-FR1-TM1.1	1	23.24	38.24	/	Pass
			2	24.10	39.10	/	Pass
			3	23.19	38.19	/	Pass
			4	23.92	38.92	/	Pass
			Sum	29.65	44.65	/	Pass
	CC1:3624.99	NR-FR1-TM1.1	1	23.97	38.97	/	Pass
			2	23.49	38.49	/	Pass
			3	23.67	38.67	/	Pass
			4	24.59	39.59	/	Pass
			Sum	29.97	44.97	/	Pass
	CC1:3649.98	NR-FR1-TM1.1	1	24.41	39.41	/	Pass
			2	24.69	39.69	/	Pass
			3	24.10	39.10	/	Pass
			4	24.87	39.87	/	Pass
			Sum	30.55	45.55	/	Pass

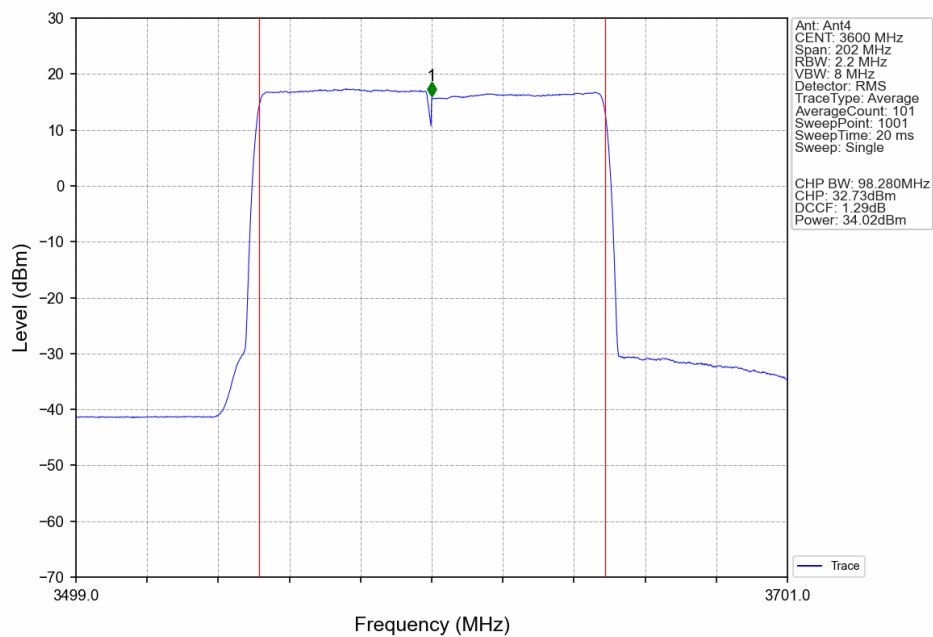
2.2 Test Graph

2.2.1 30_Single_Power

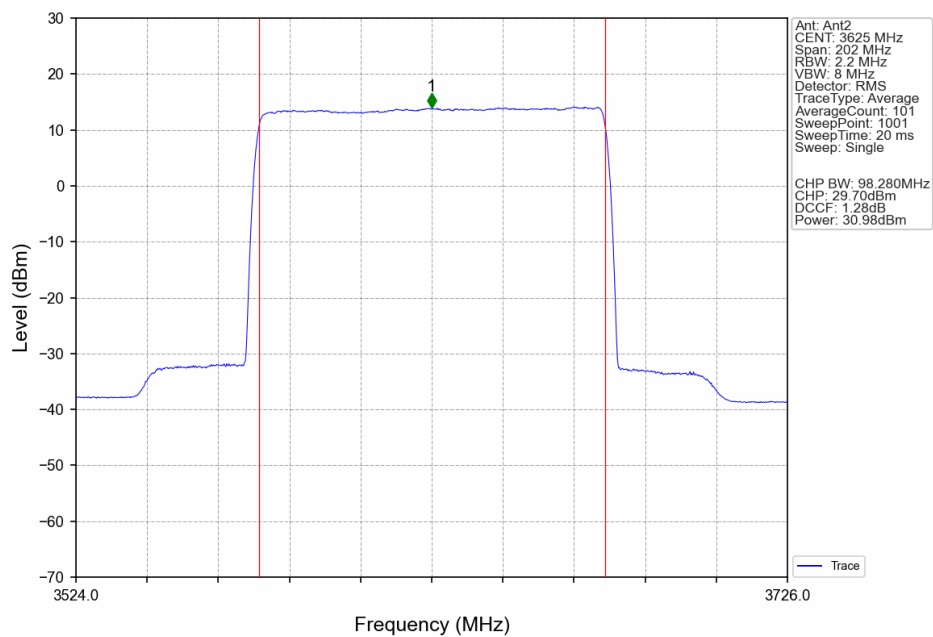
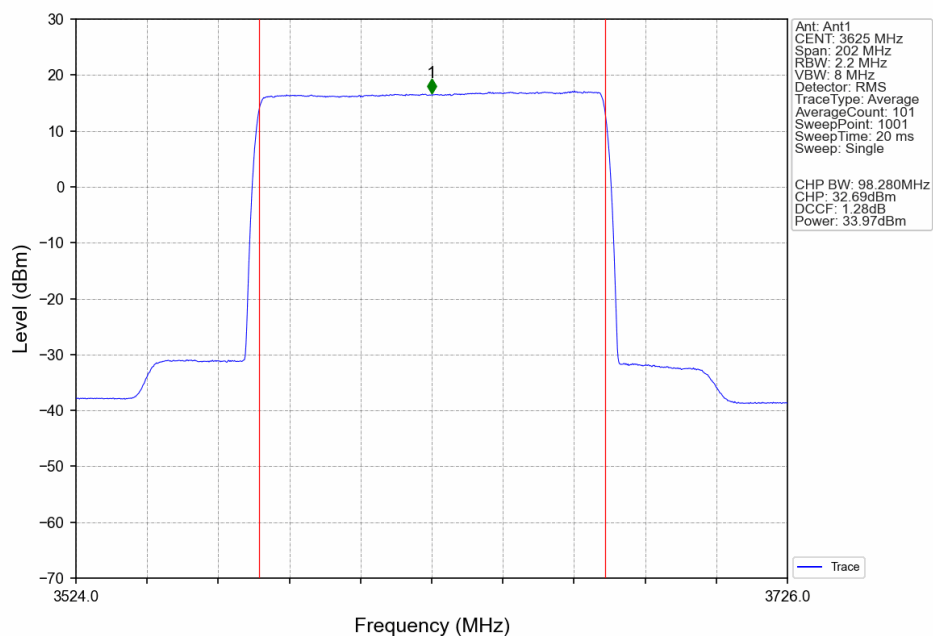


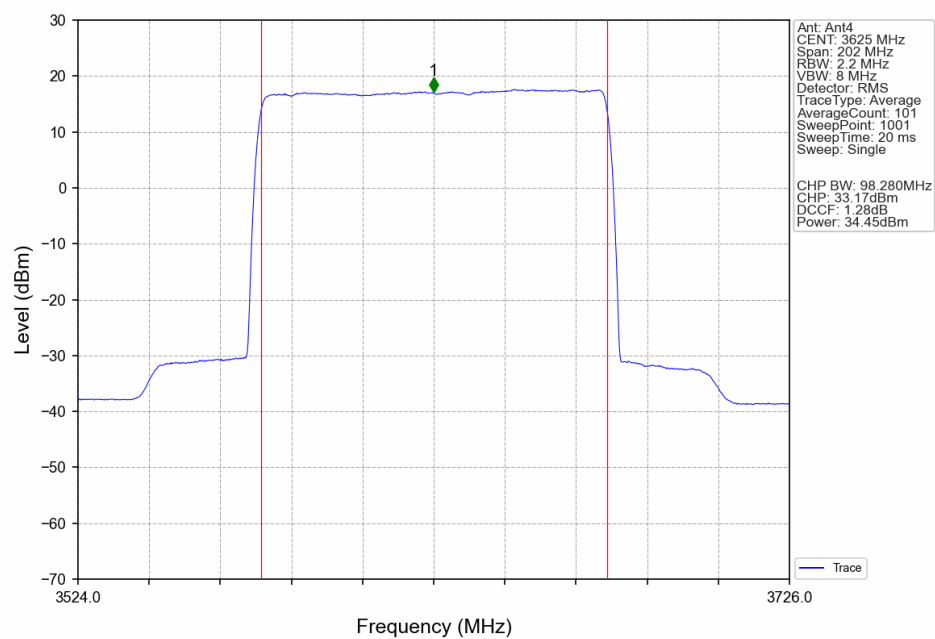
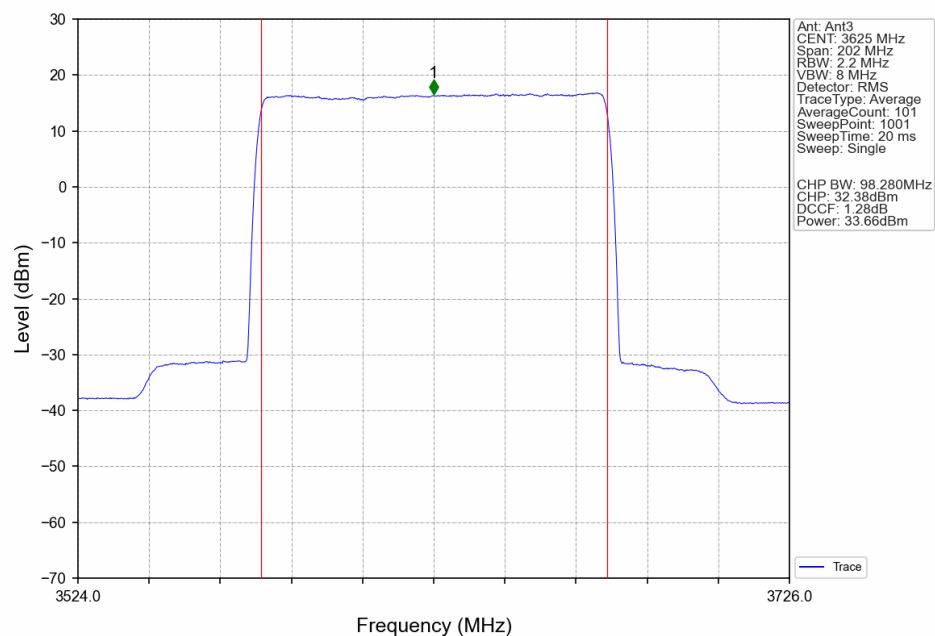


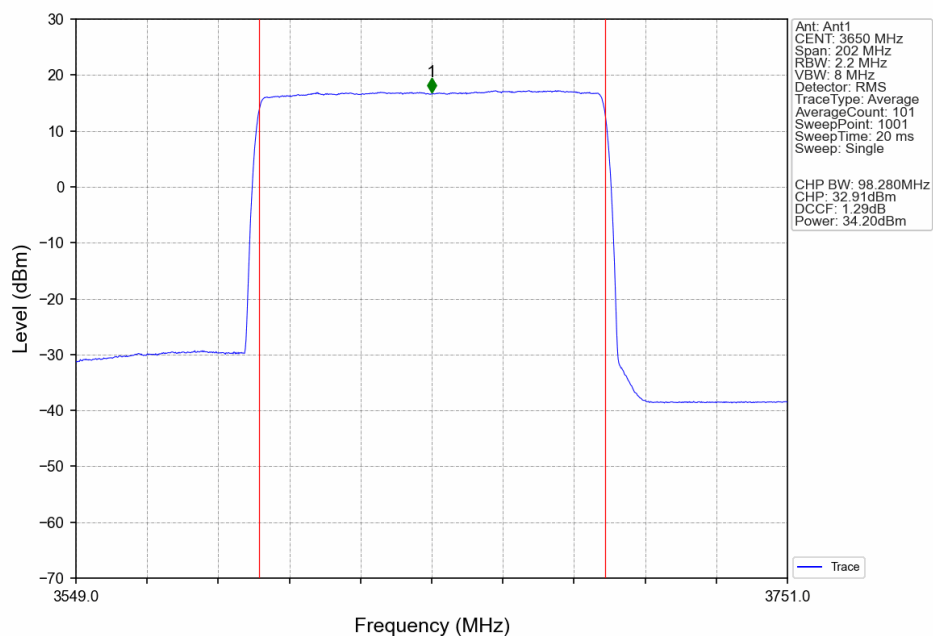
2024-09-03 11:29:04



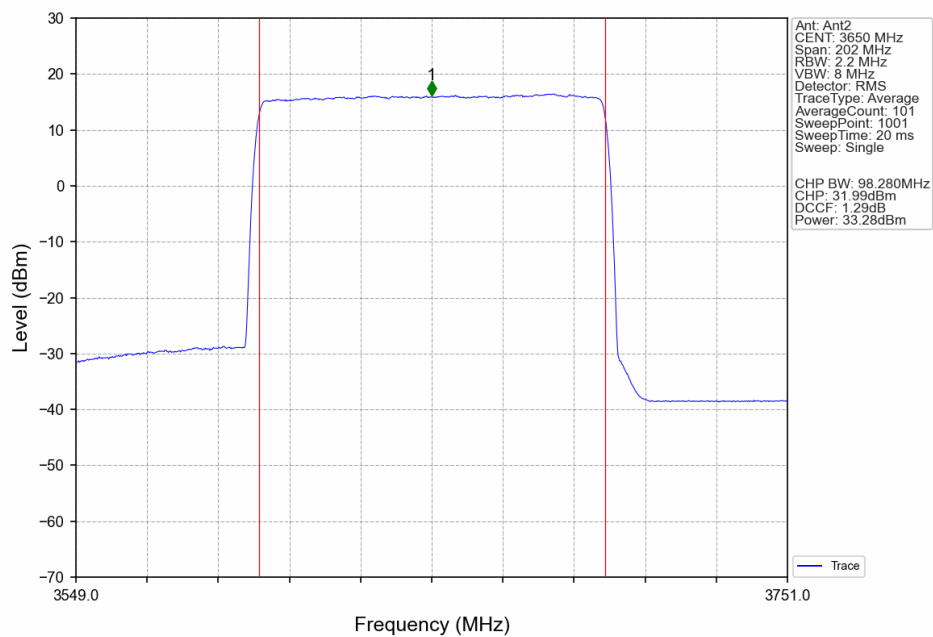
2024-09-03 11:35:43



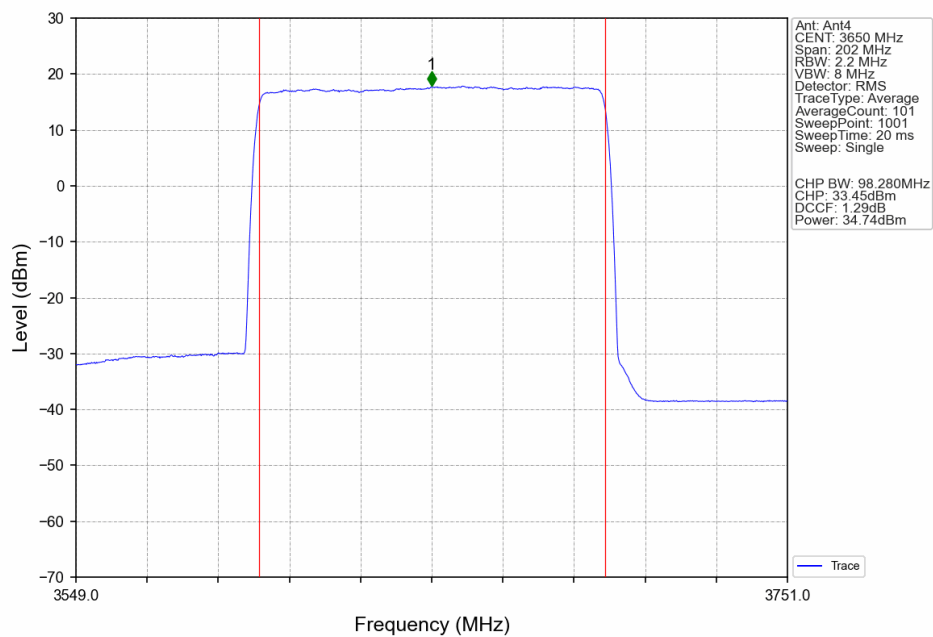
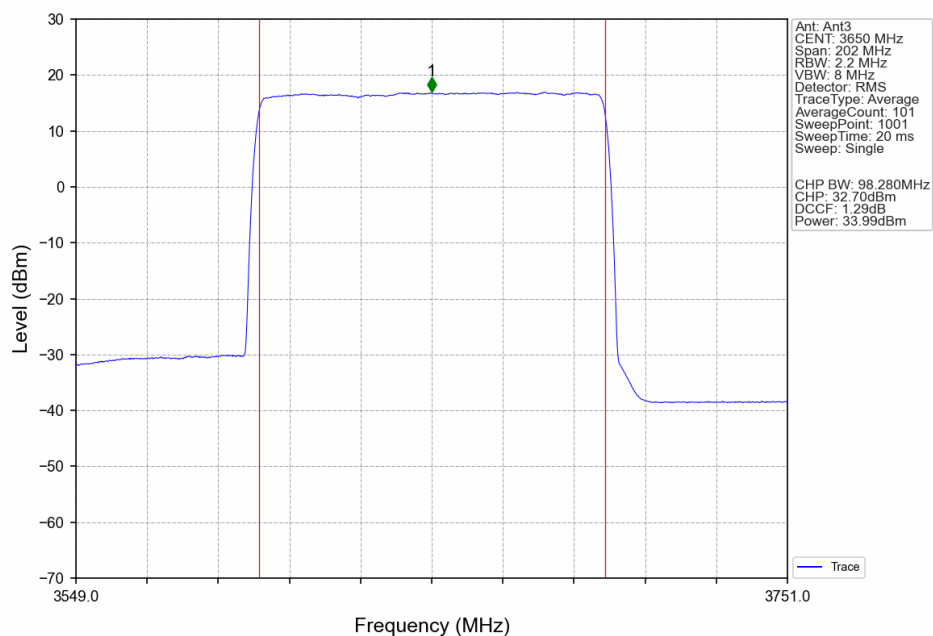




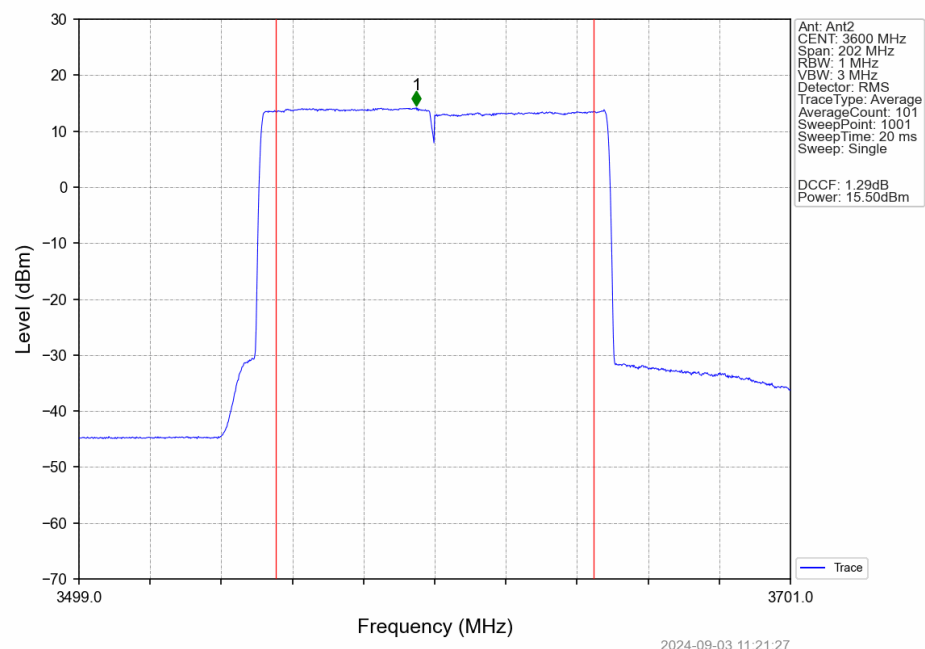
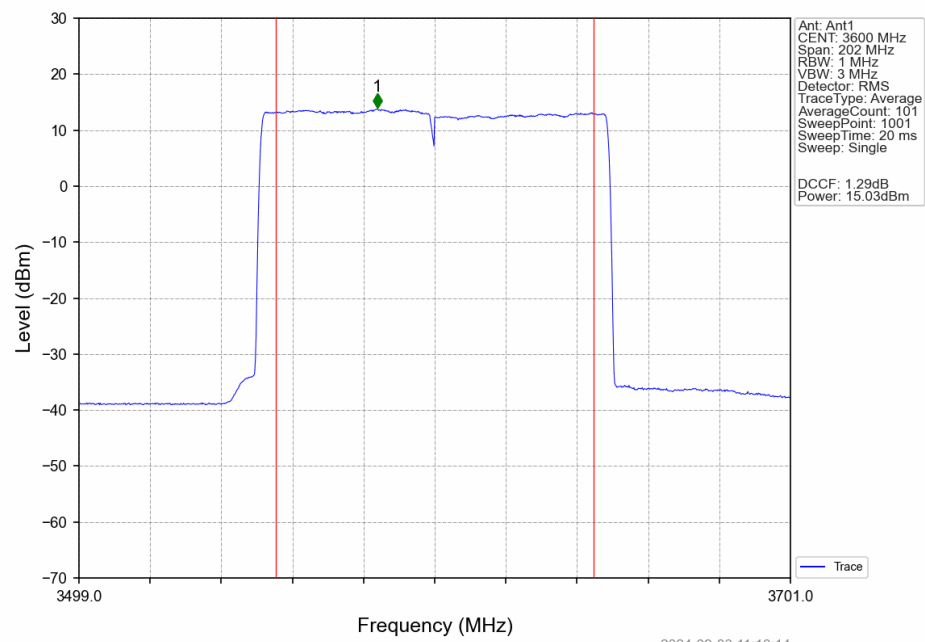
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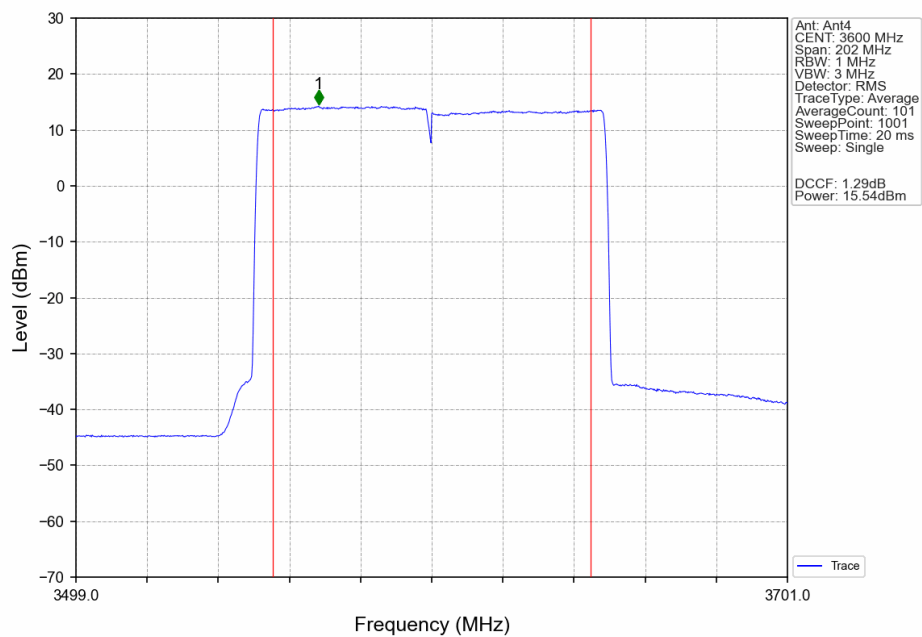
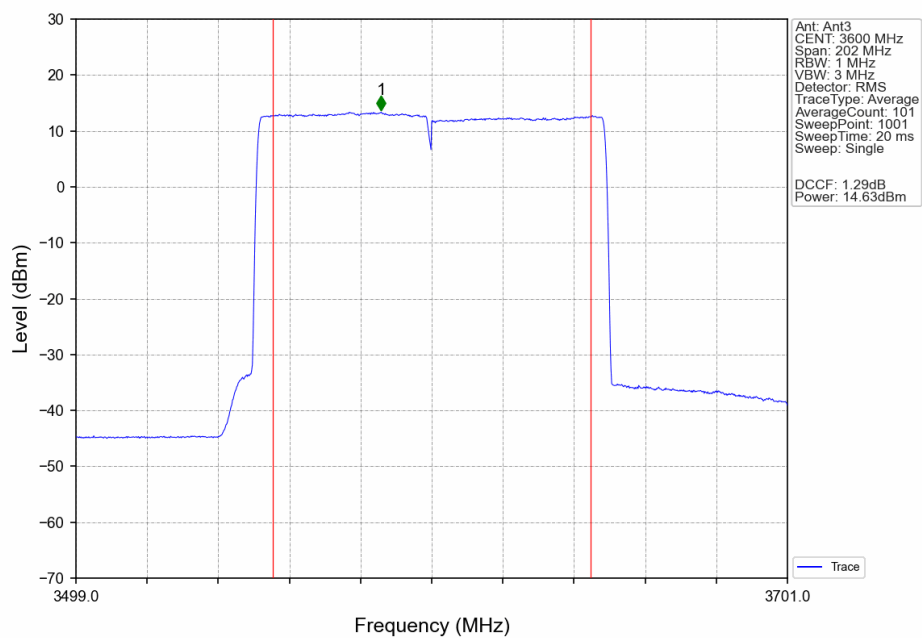


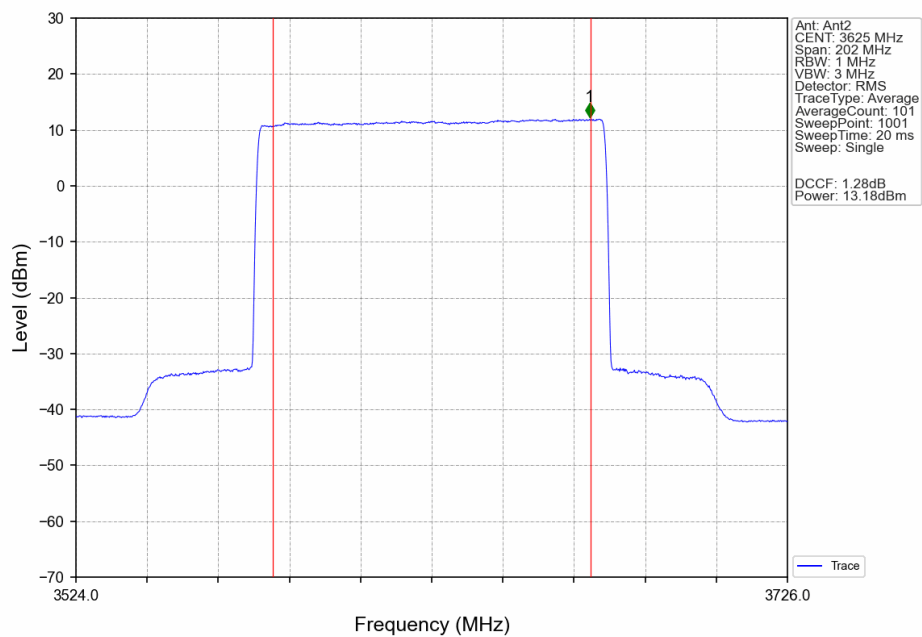
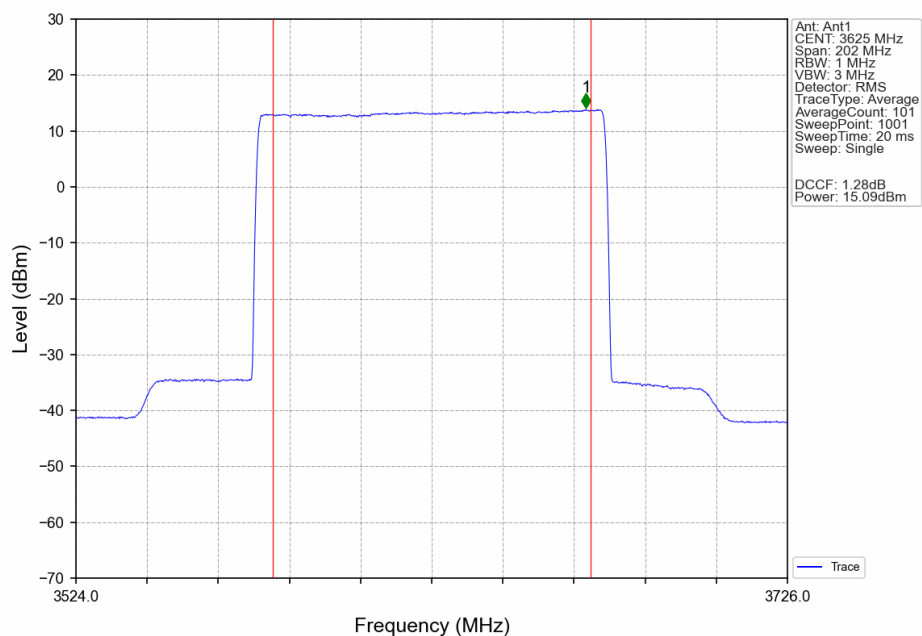
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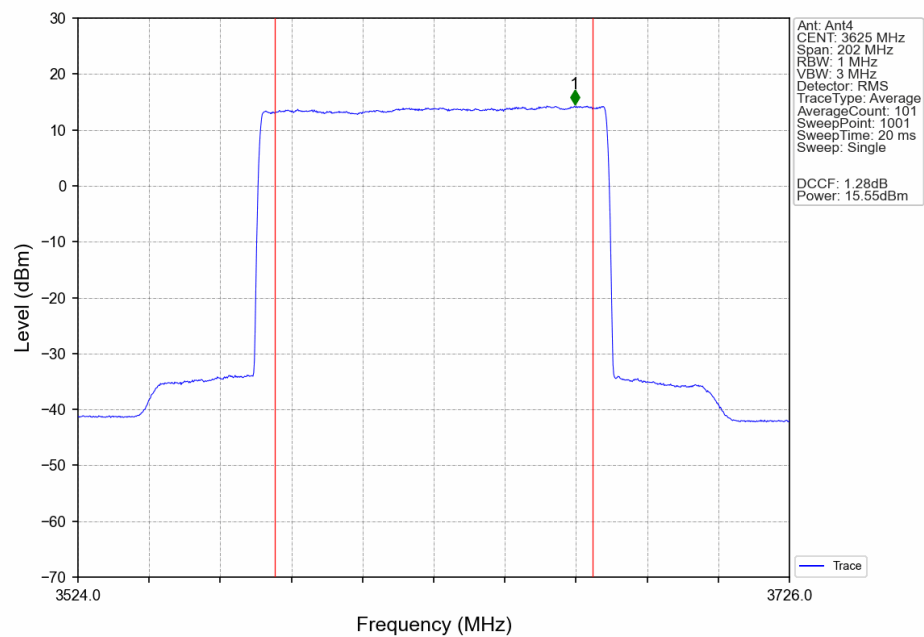
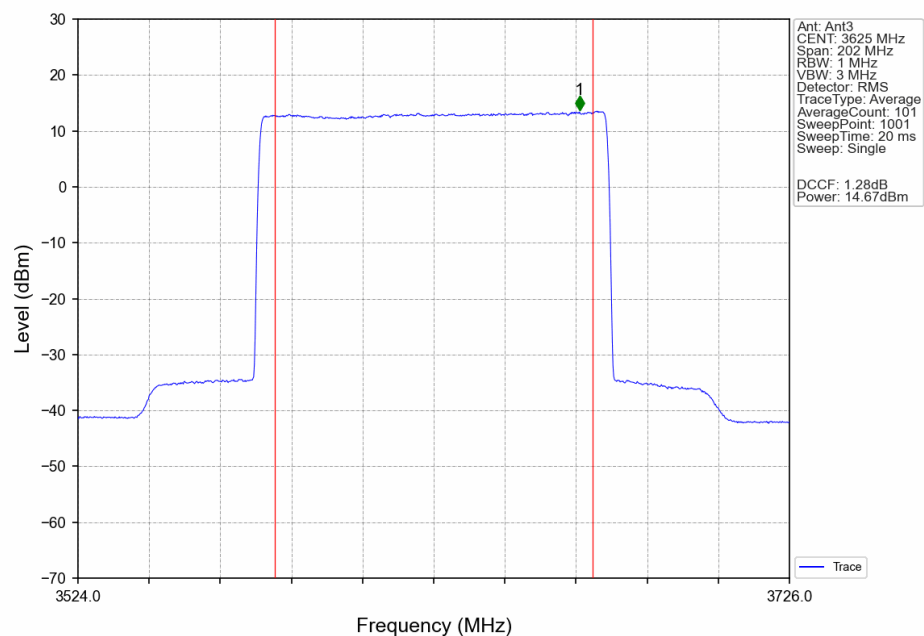


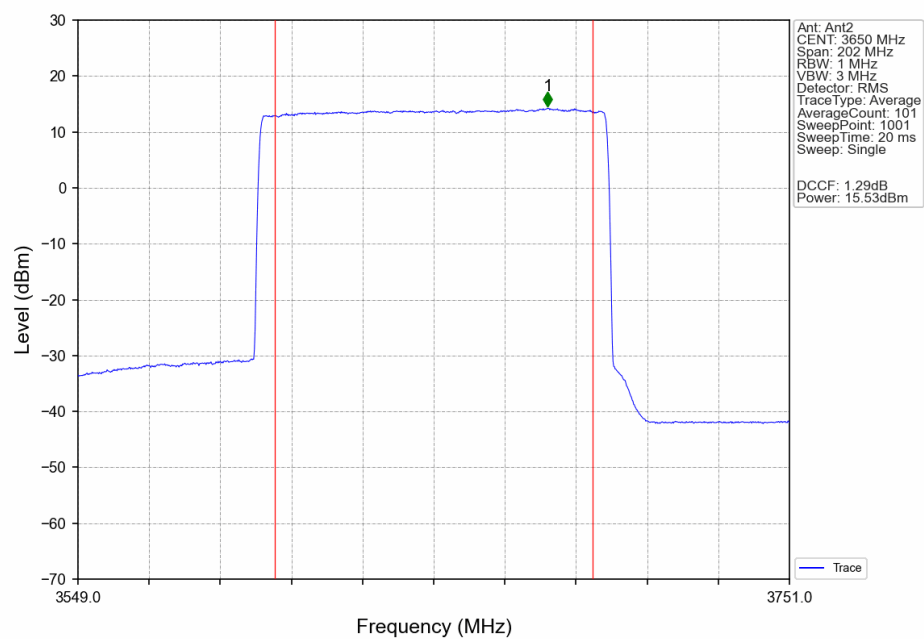
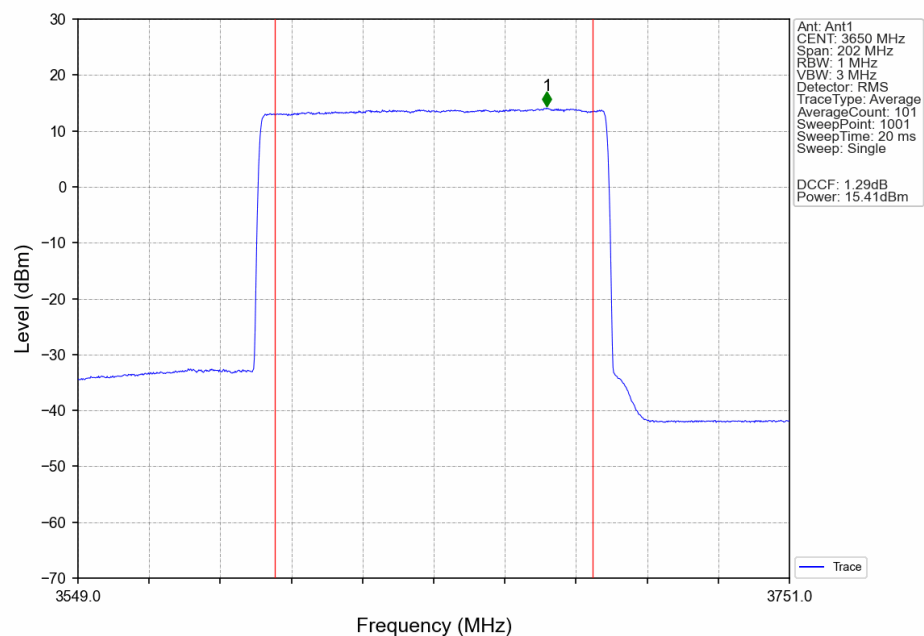
2.2.2 30_Single_Power2

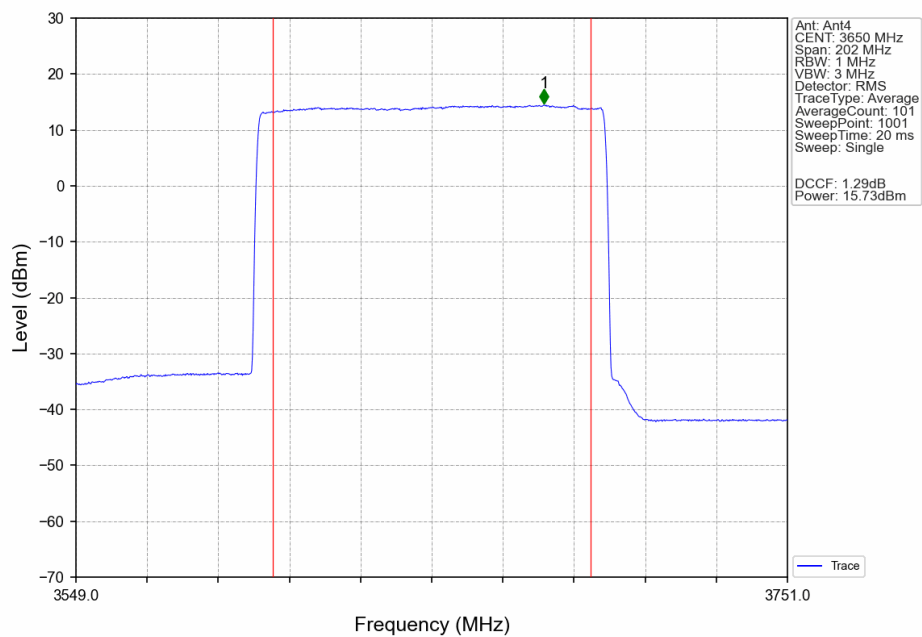
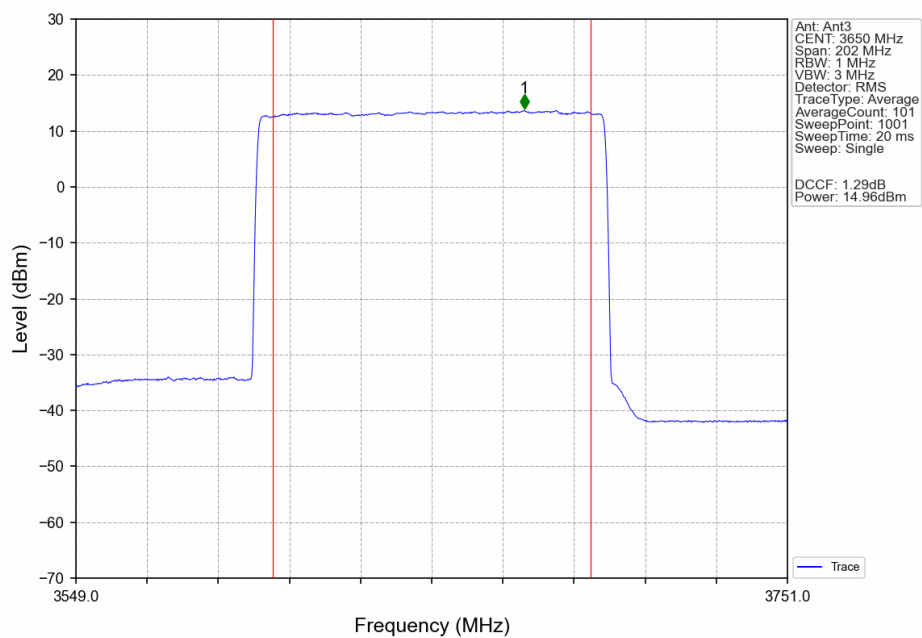




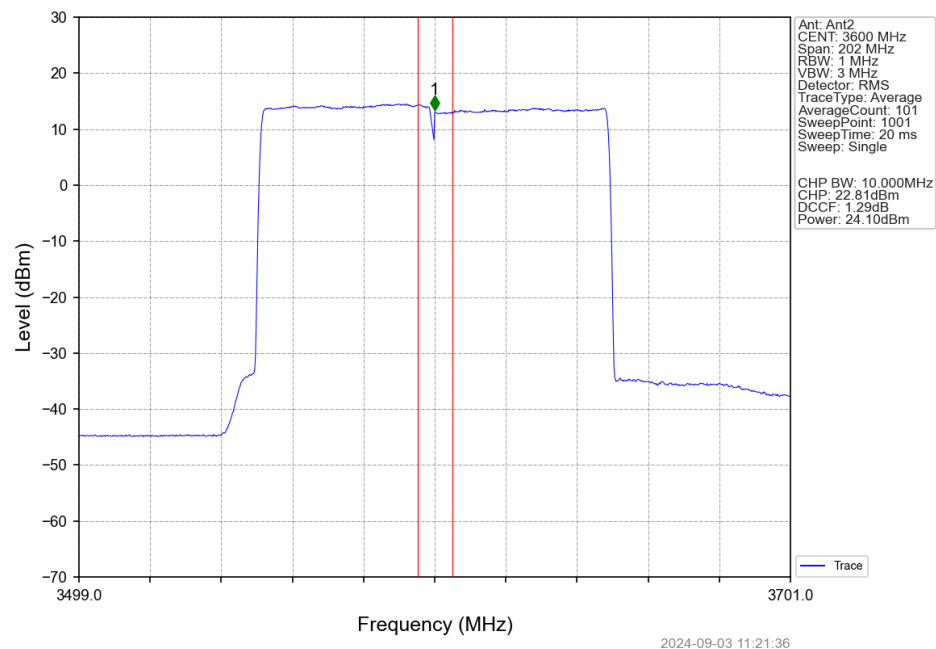
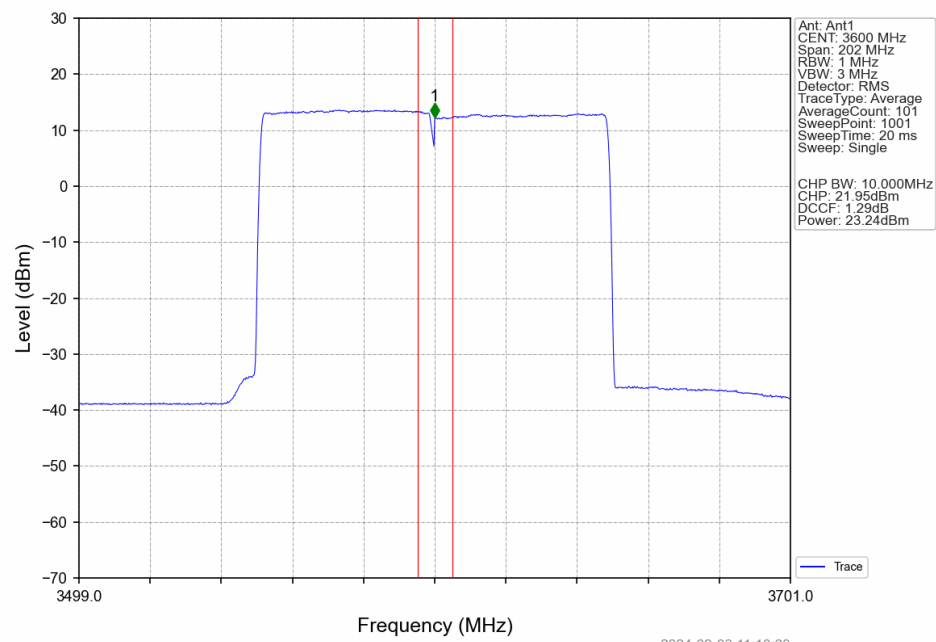


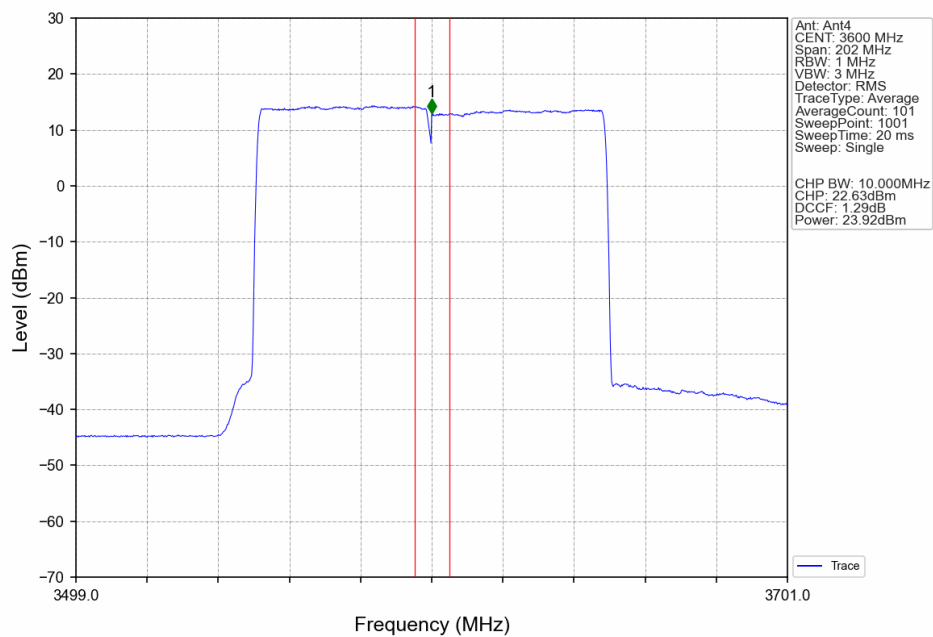
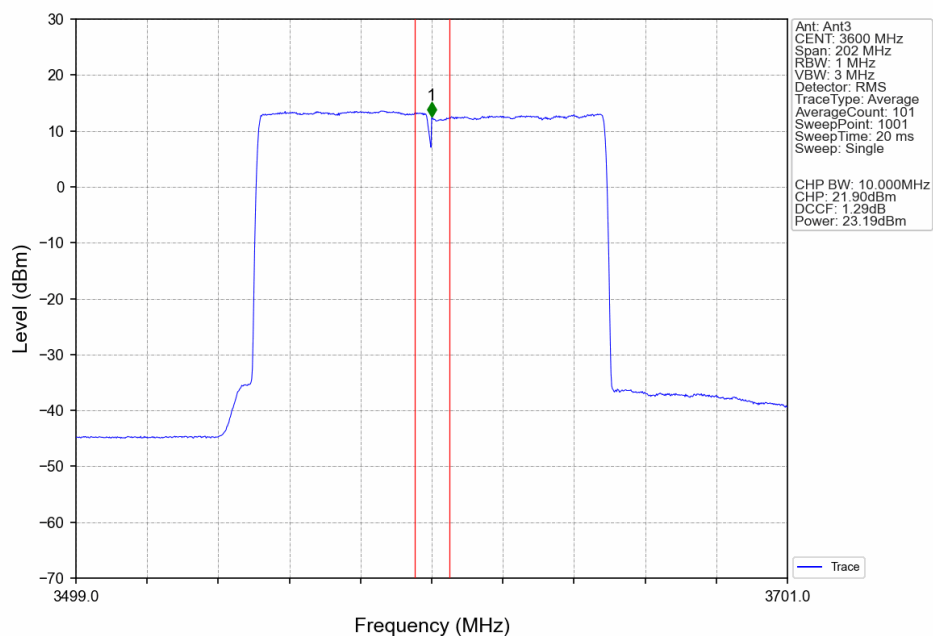


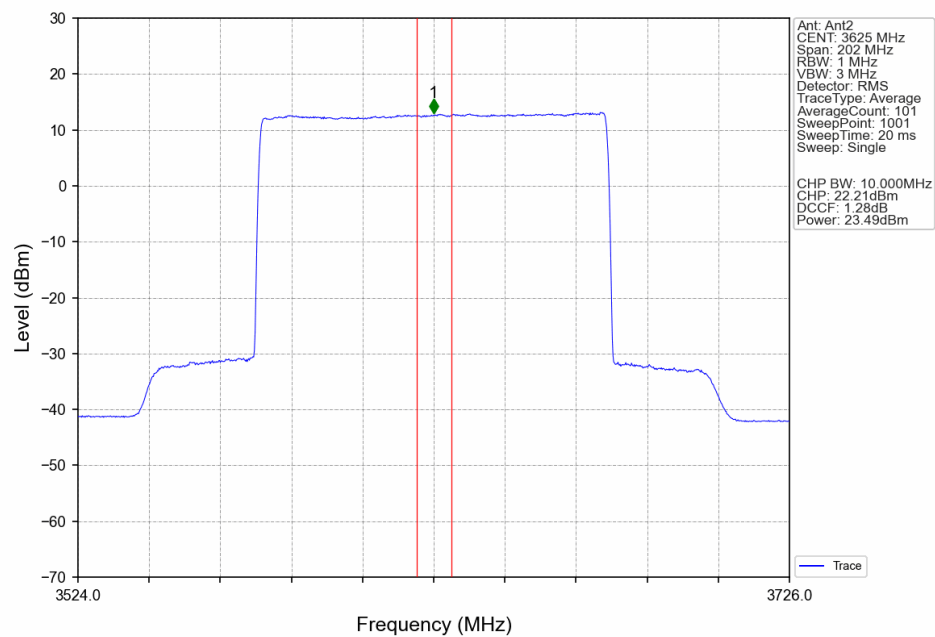
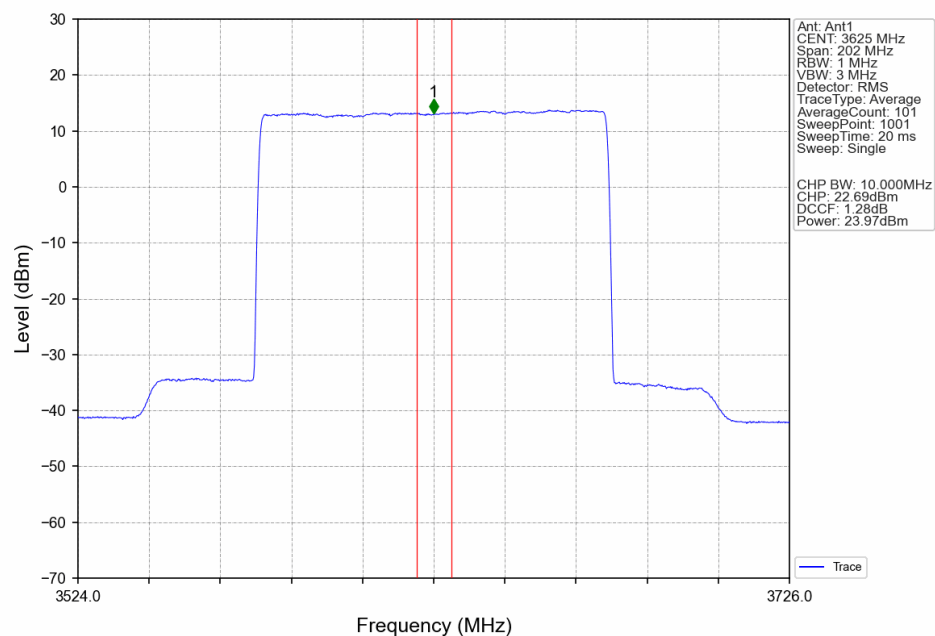


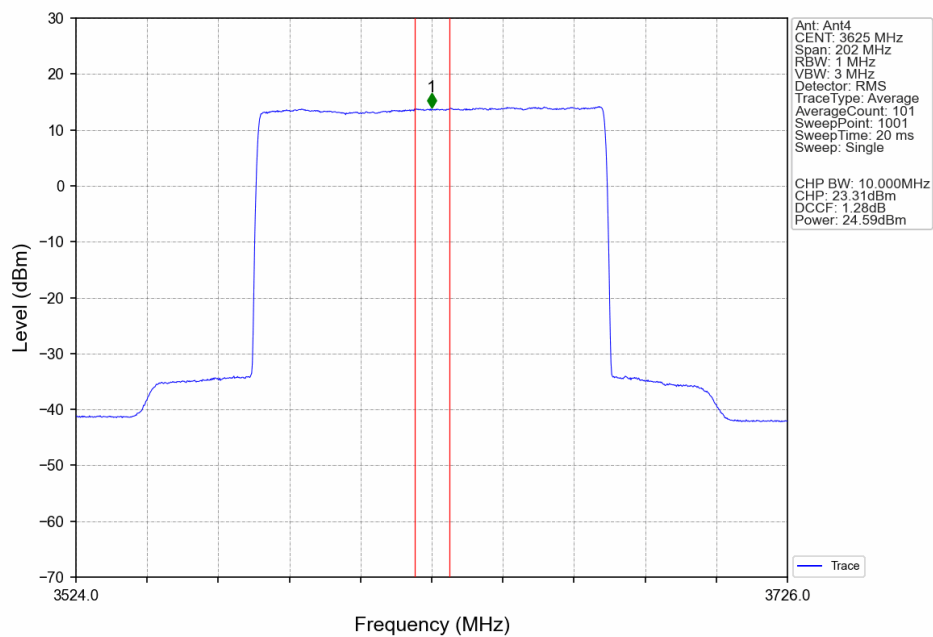
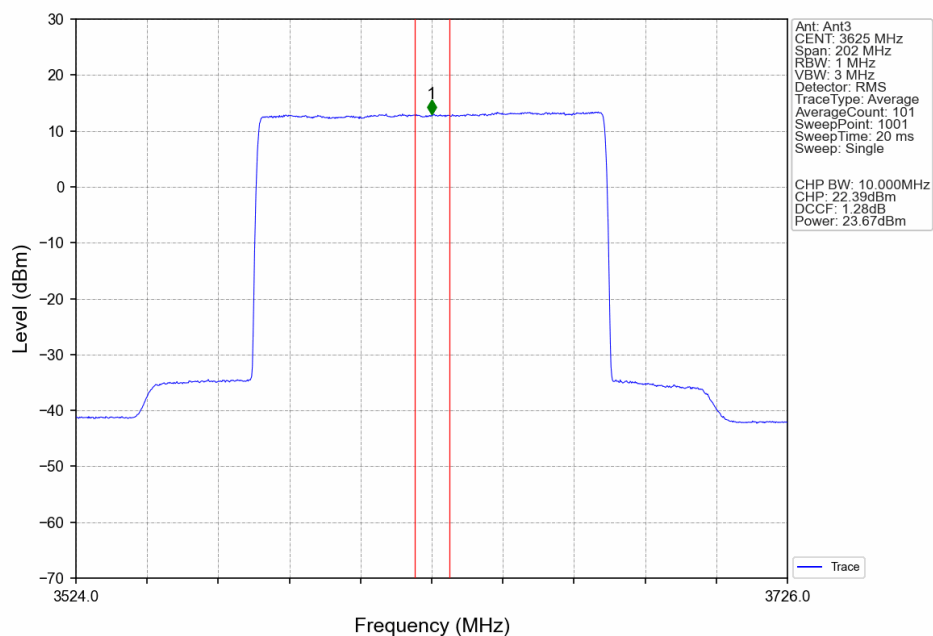


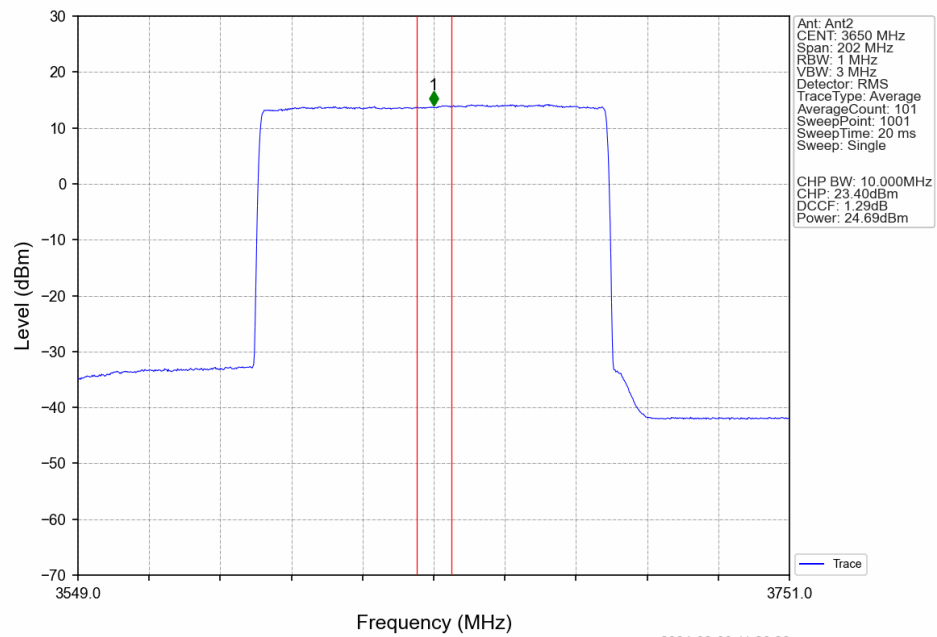
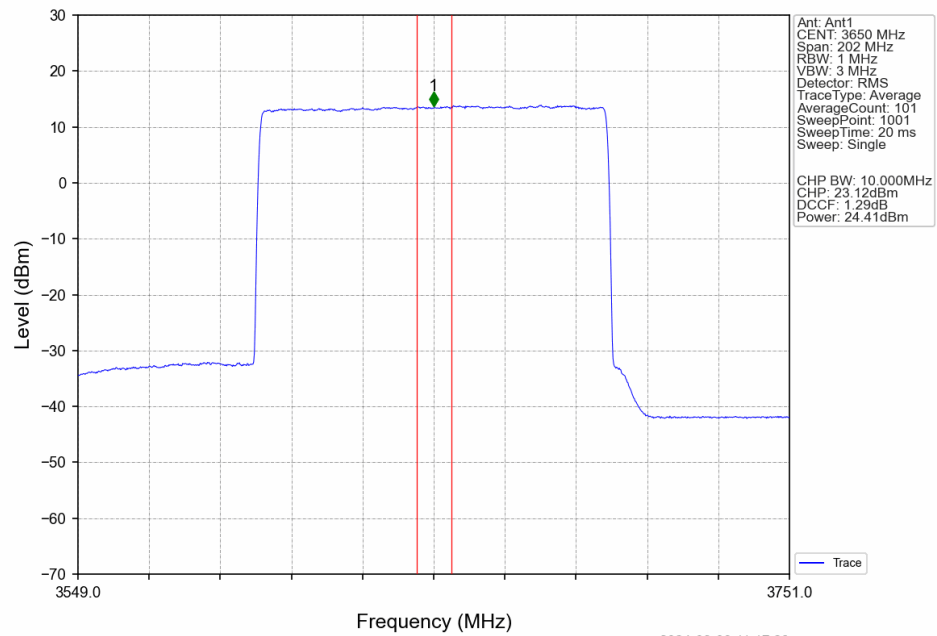
2.2.3 30_Single_Power3

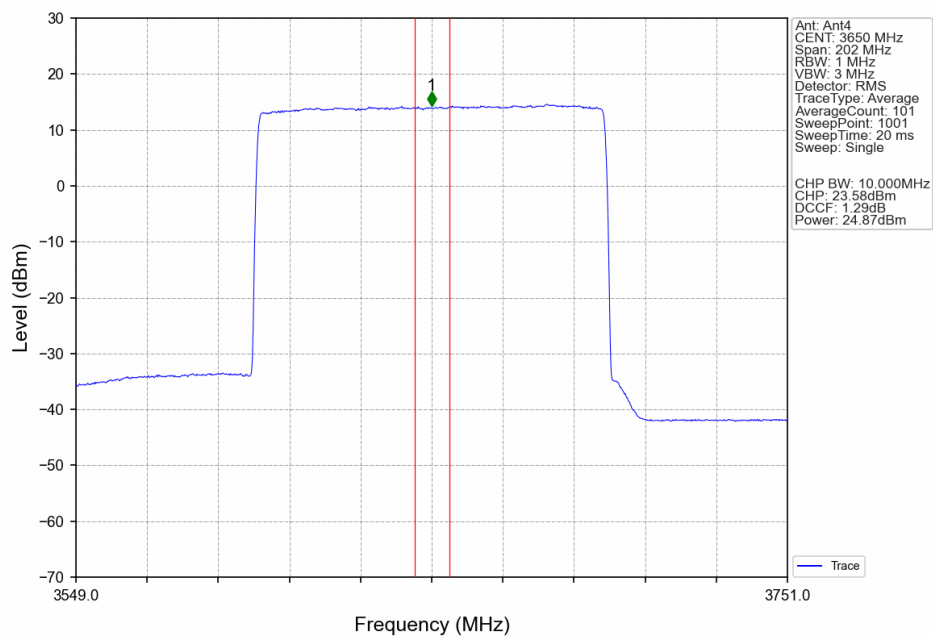
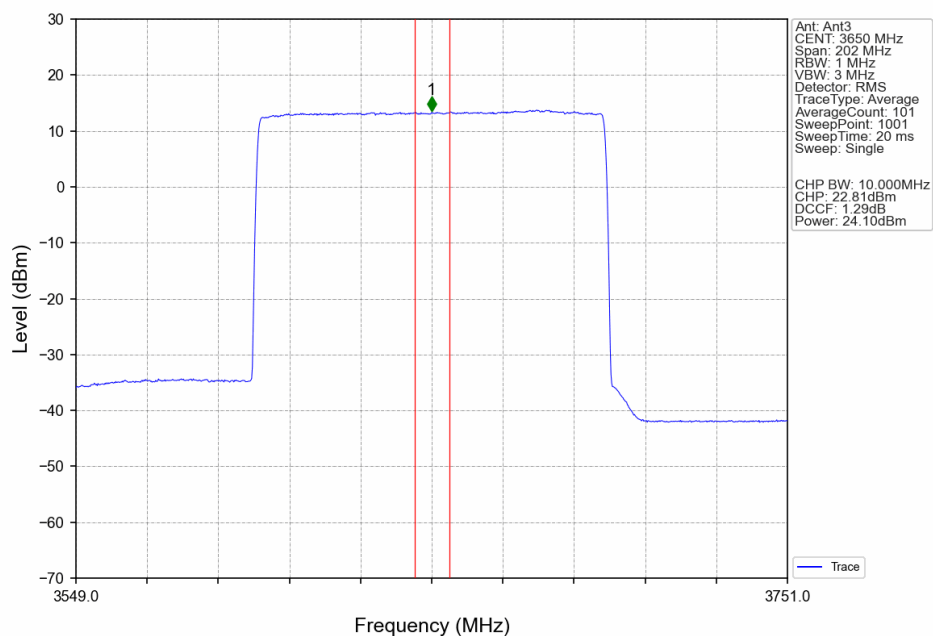












3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_Single_OBW

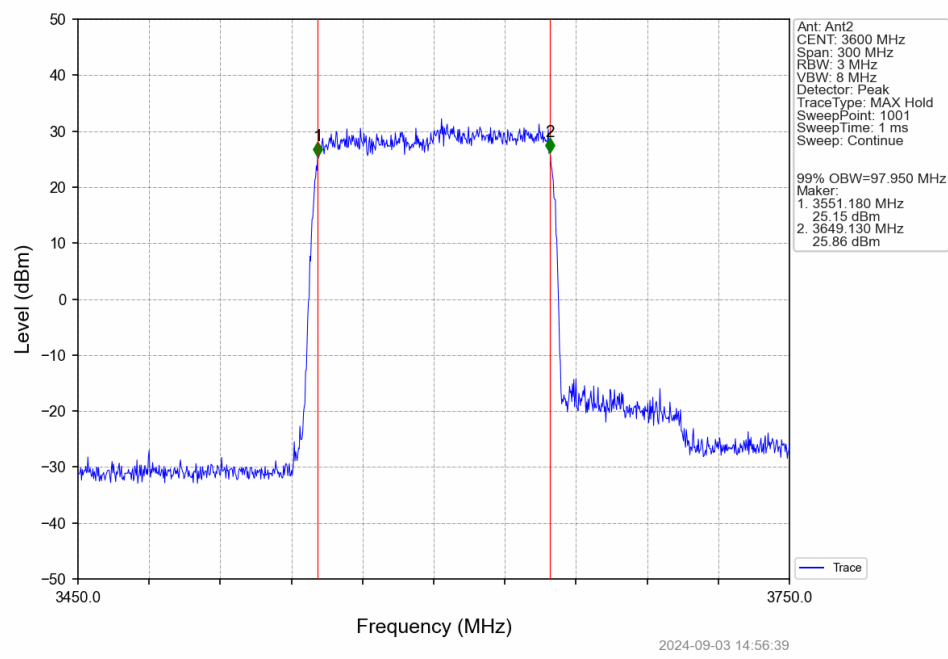
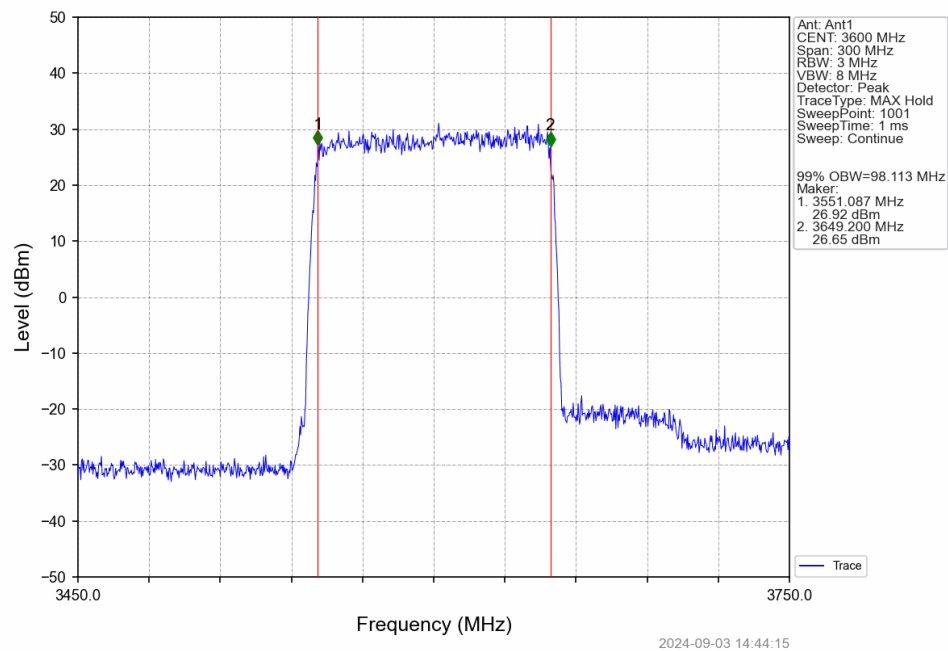
Band n48 Single NTN						
BW (MHz)	DL Frequency (MHz)	Test Mode	Ant No.	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
CC1:100	CC1:3600	NR-FR1-TM1.1	1	98.11	/	Pass
			2	97.95	/	Pass
			3	98.09	/	Pass
			4	97.99	/	Pass
	CC1:3624.99	NR-FR1-TM1.1	1	98.22	/	Pass
			2	97.73	/	Pass
			3	98.13	/	Pass
			4	97.75	/	Pass
	CC1:3649.98	NR-FR1-TM1.1	1	98.16	/	Pass
			2	98.11	/	Pass
			3	97.88	/	Pass
			4	98.00	/	Pass

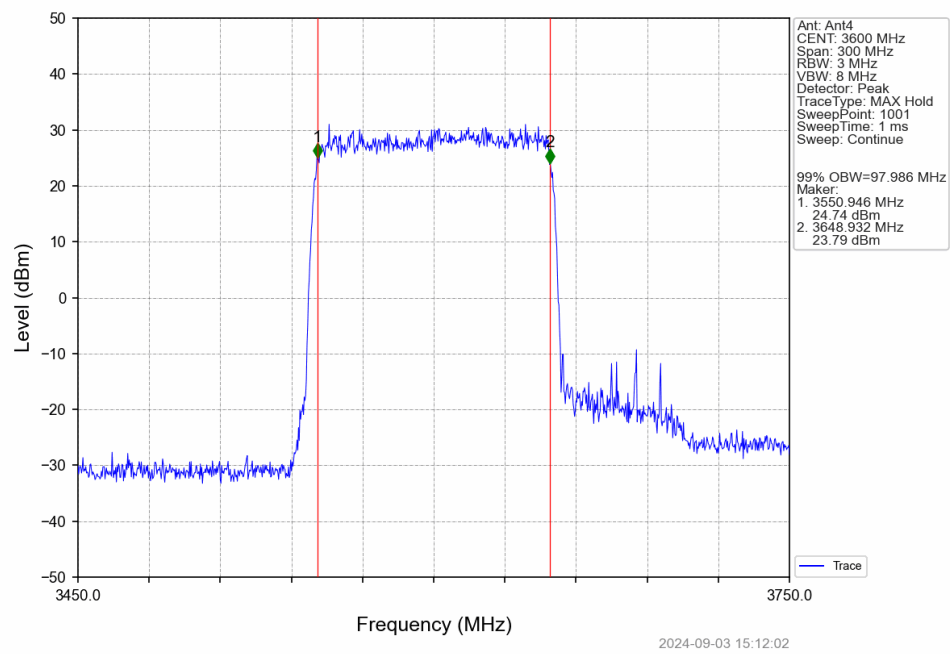
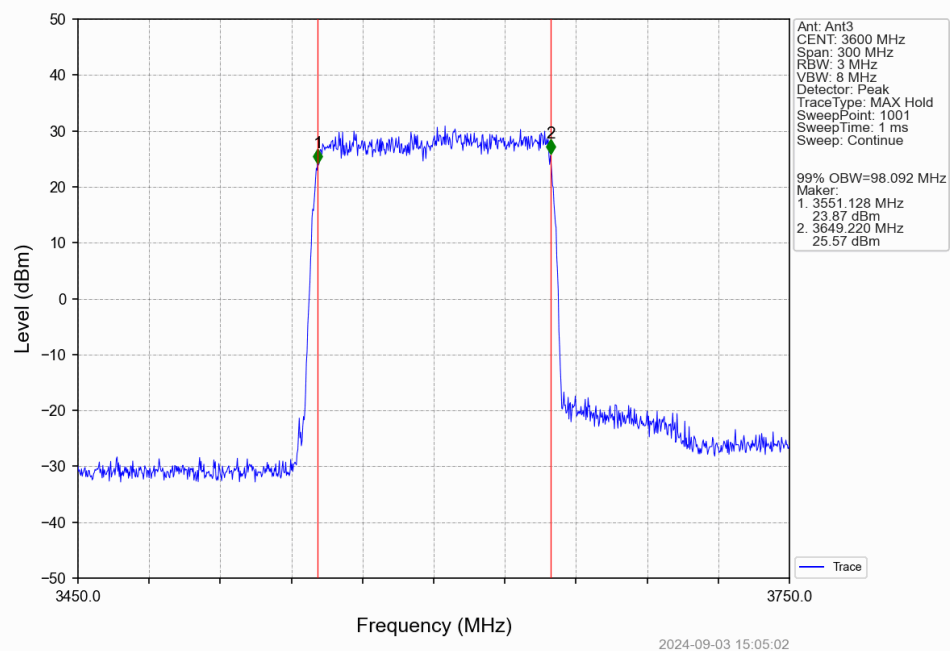
3.1.2 30_Single_XDB

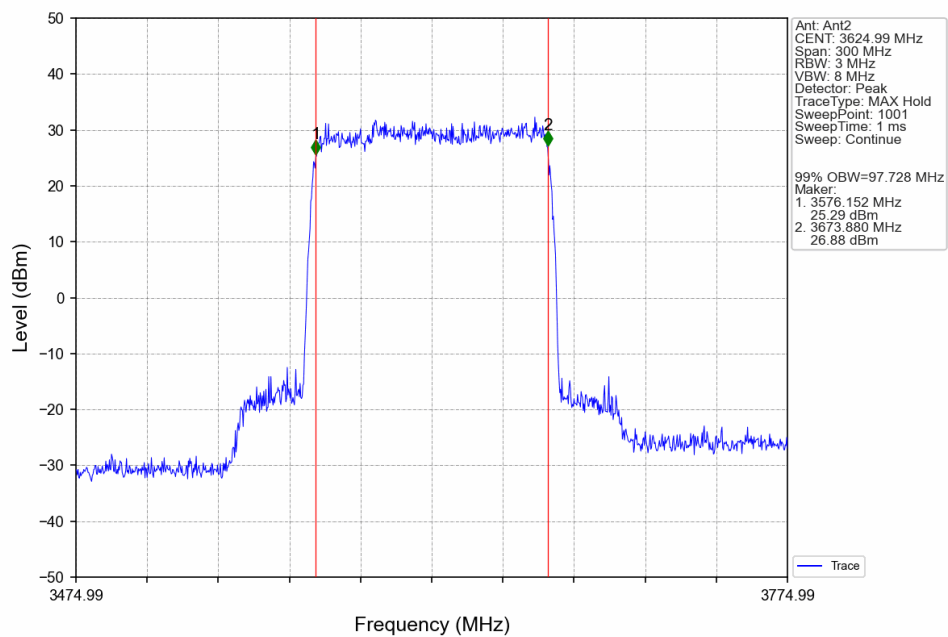
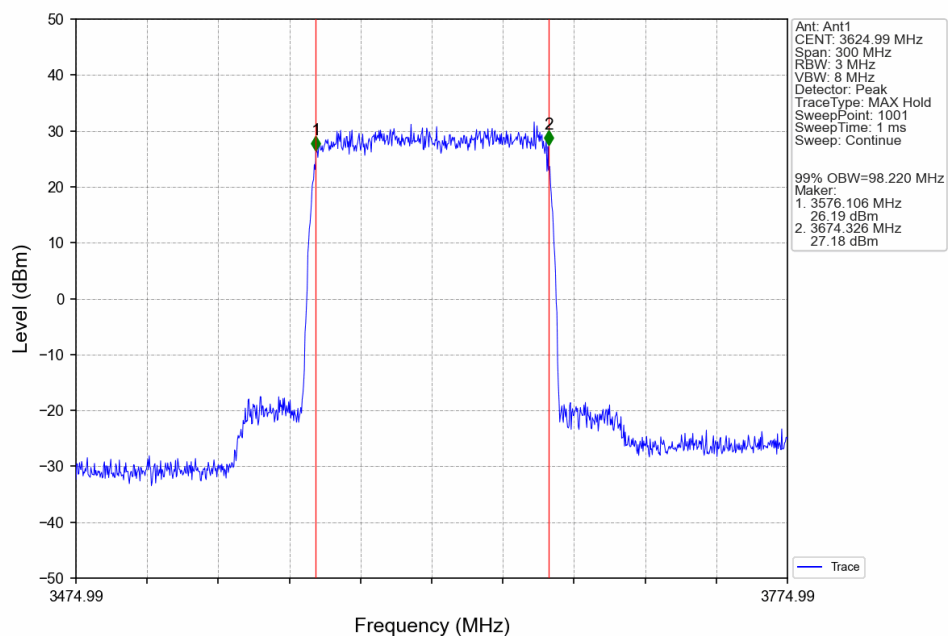
Band n48 Single NTN						
BW (MHz)	DL Frequency (MHz)	Test Mode	Ant No.	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
CC1:100	CC1:3600	NR-FR1-TM1.1	1	104.38	/	Pass
			2	104.49	/	Pass
			3	104.28	/	Pass
			4	104.52	/	Pass
	CC1:3624.99	NR-FR1-TM1.1	1	104.50	/	Pass
			2	104.60	/	Pass
			3	104.45	/	Pass
			4	104.52	/	Pass
	CC1:3649.98	NR-FR1-TM1.1	1	104.29	/	Pass
			2	104.42	/	Pass
			3	104.21	/	Pass
			4	104.19	/	Pass

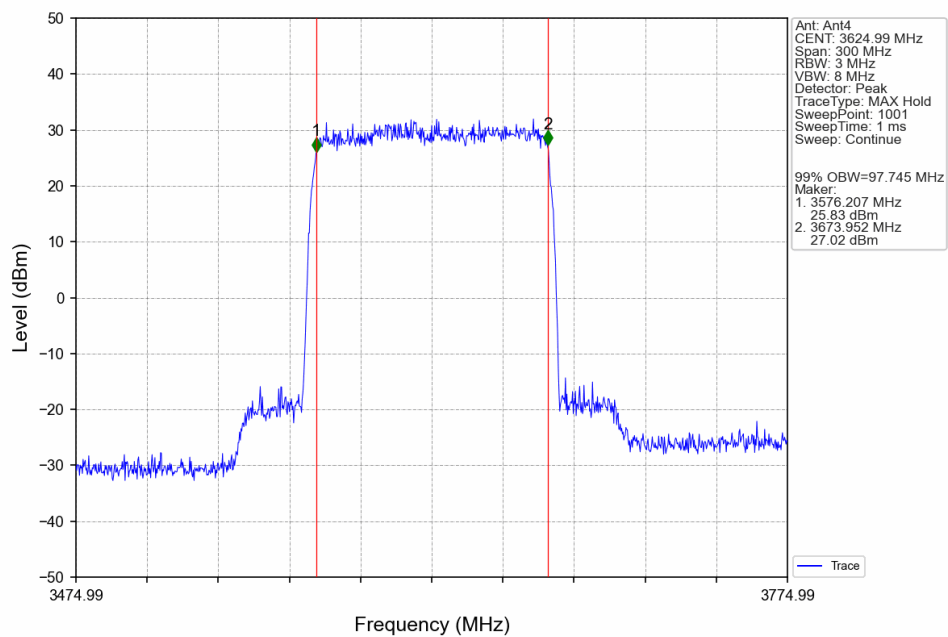
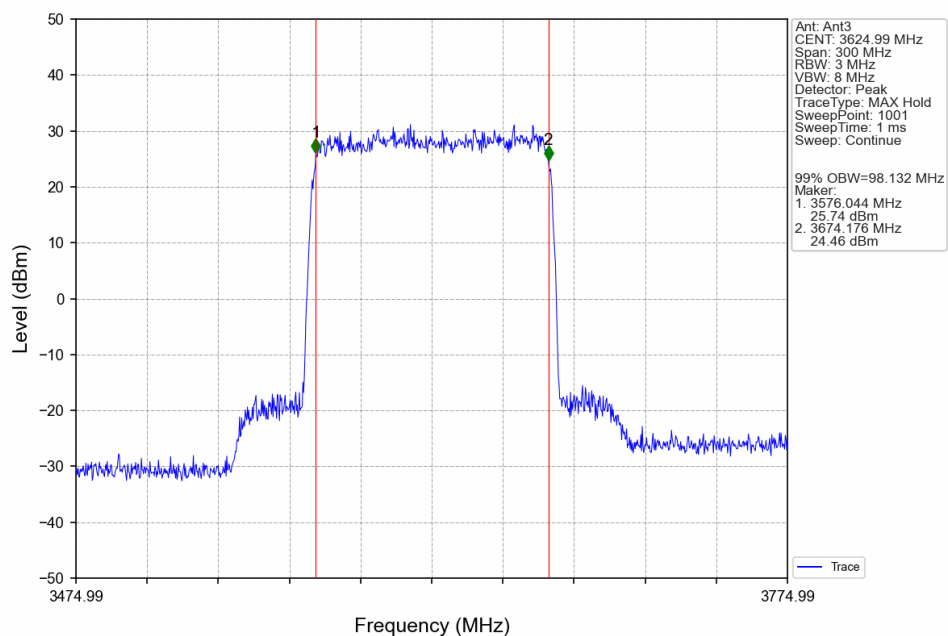
3.2 Test Graph

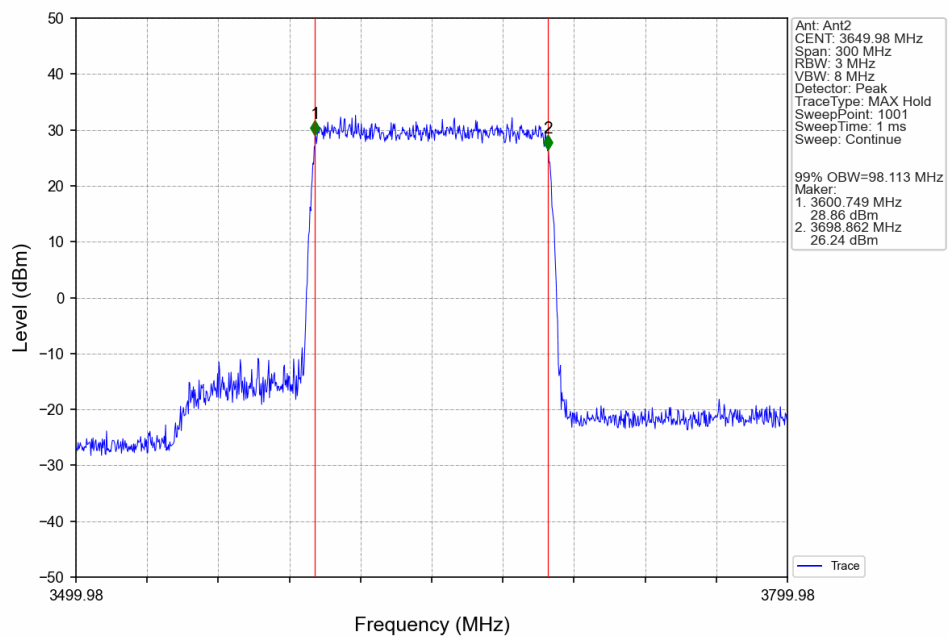
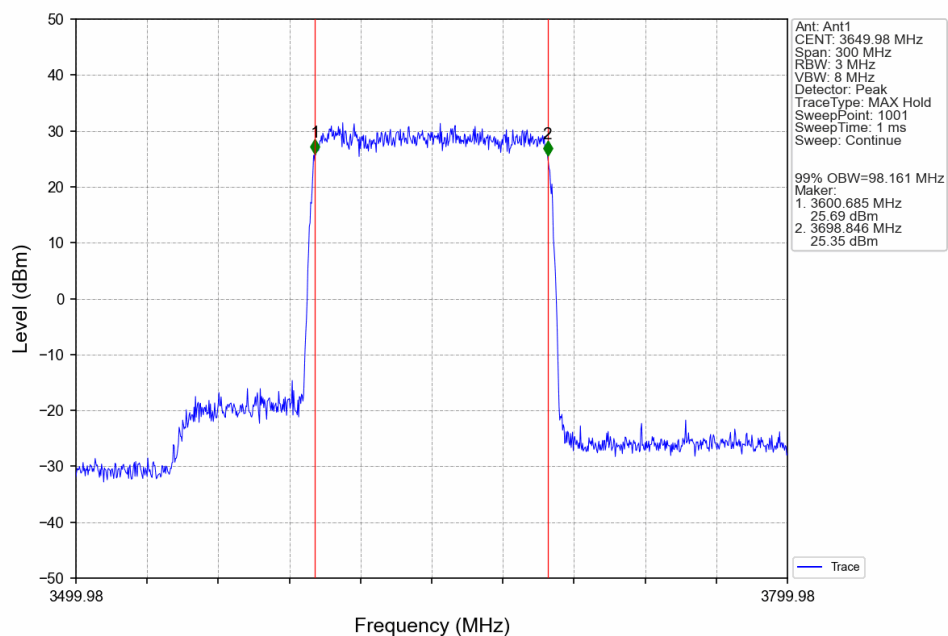
3.2.1 30_Single_OBW

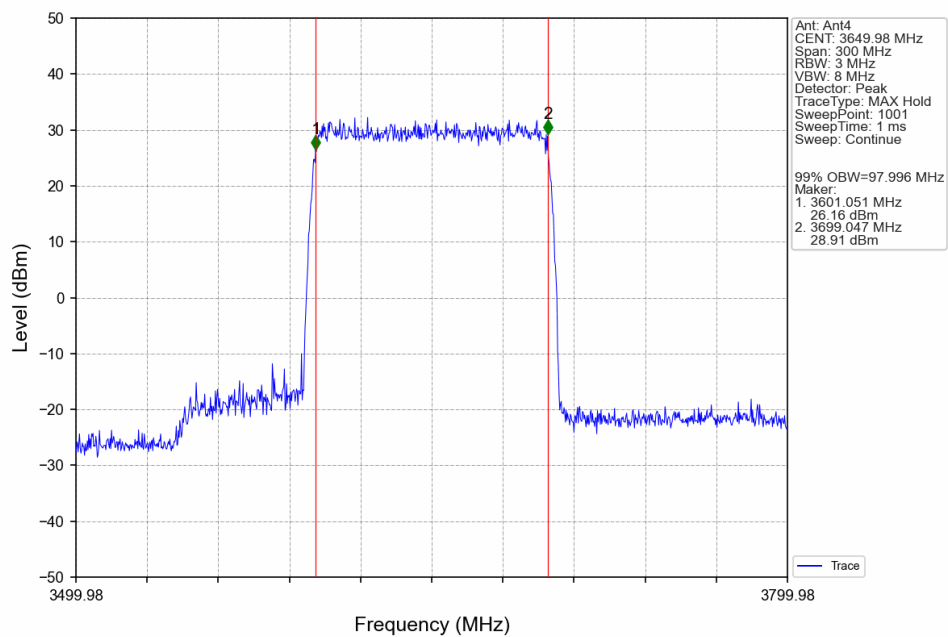
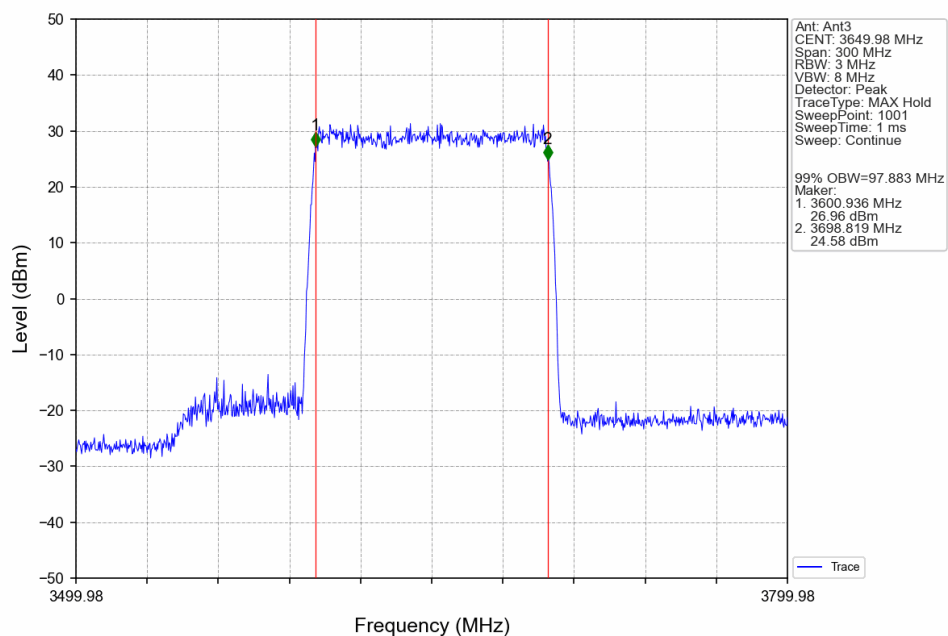




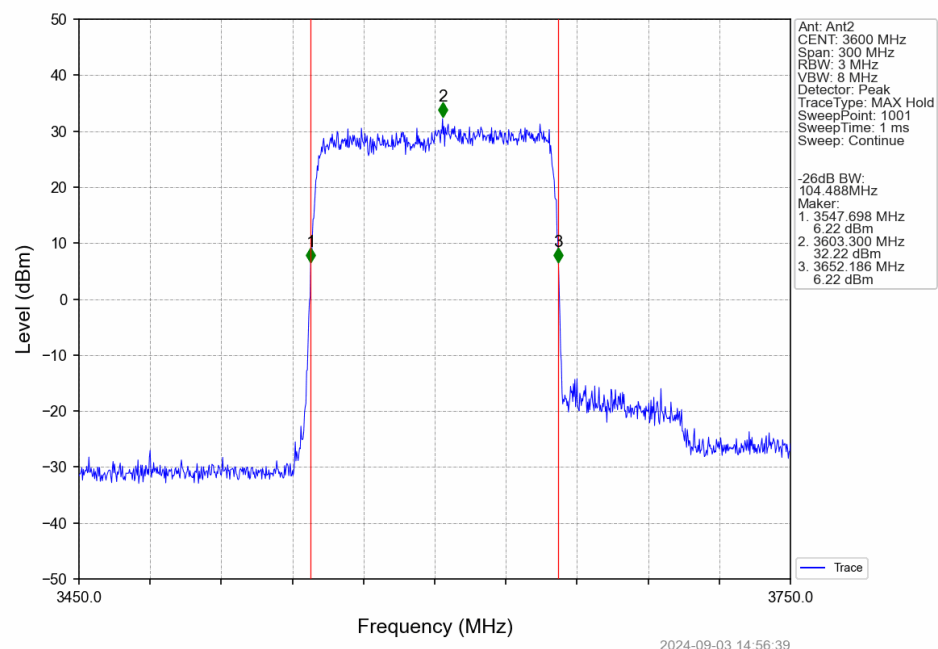
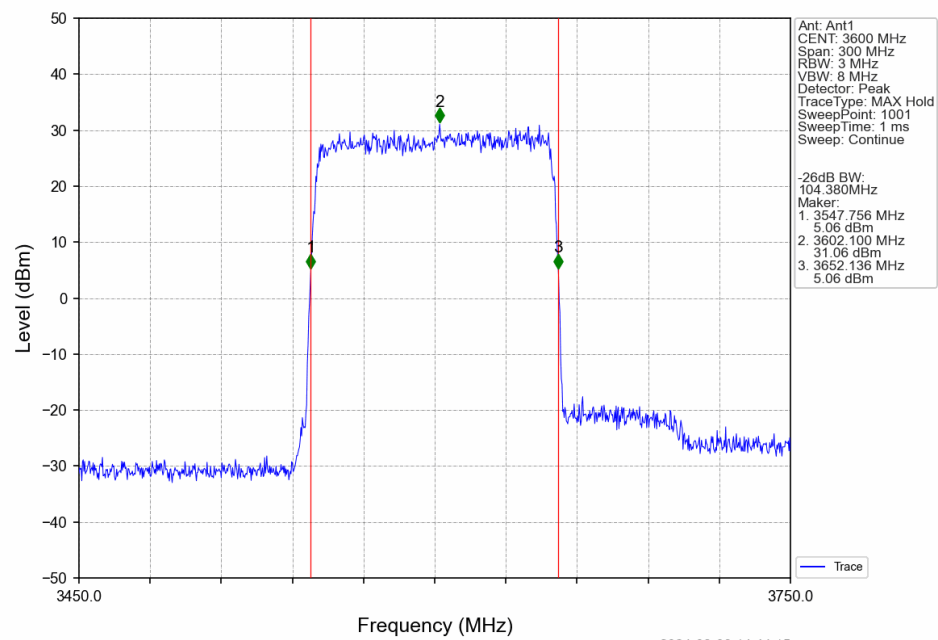


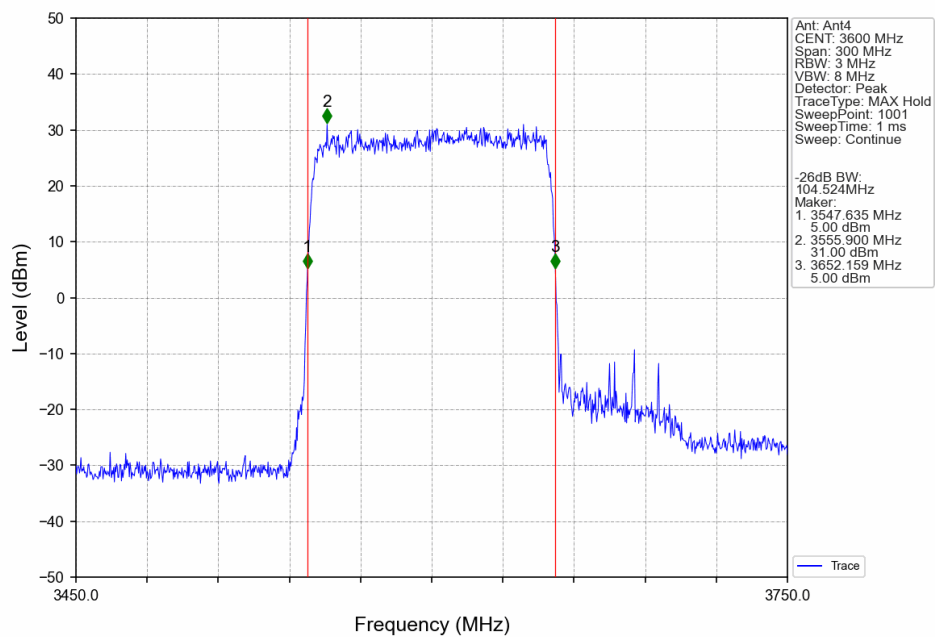
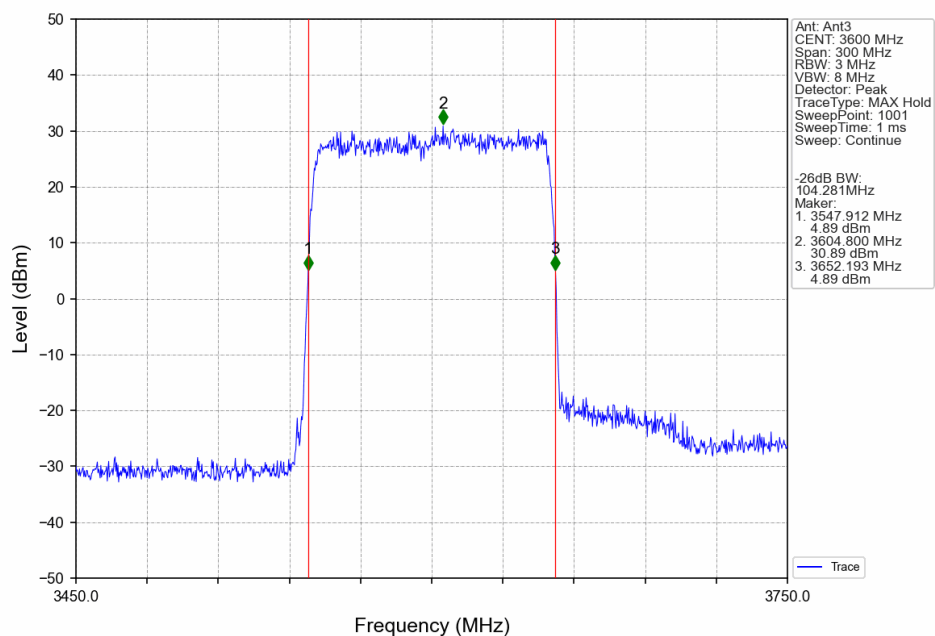


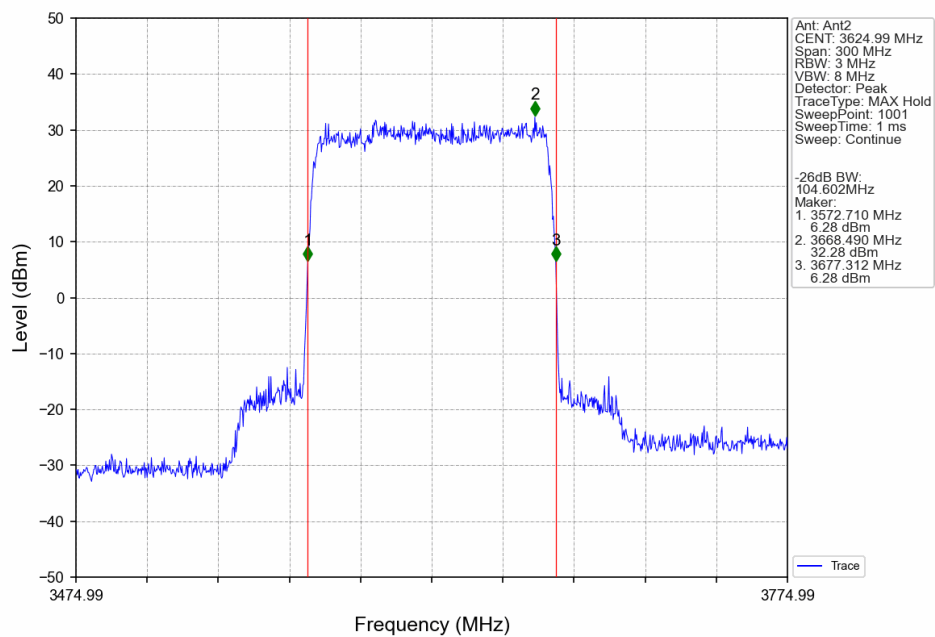
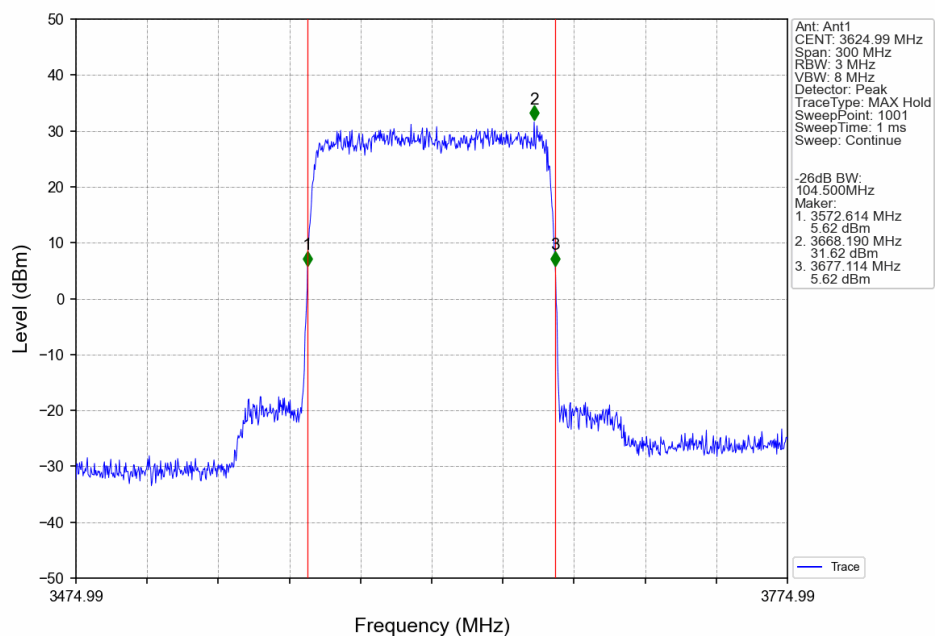


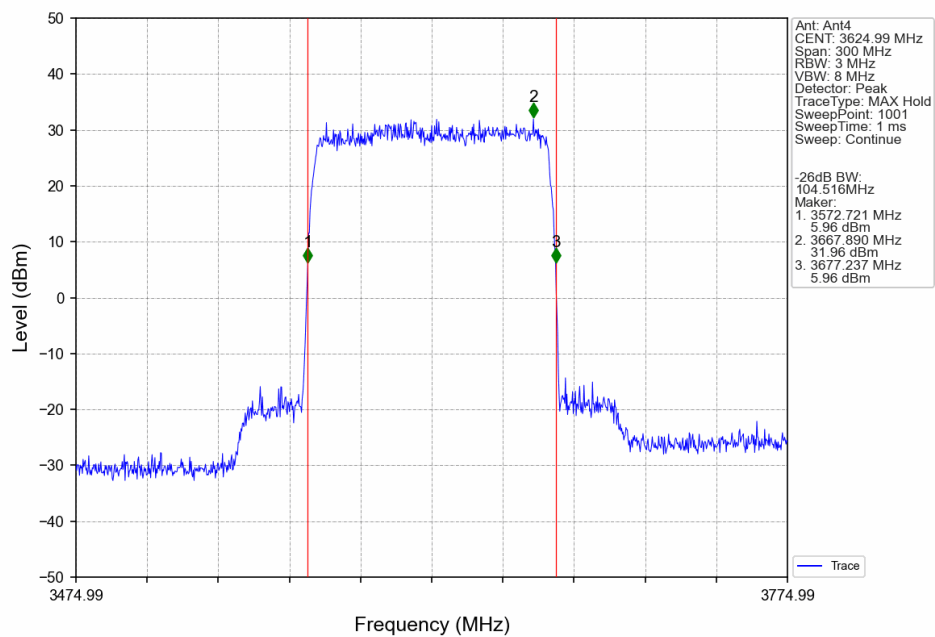
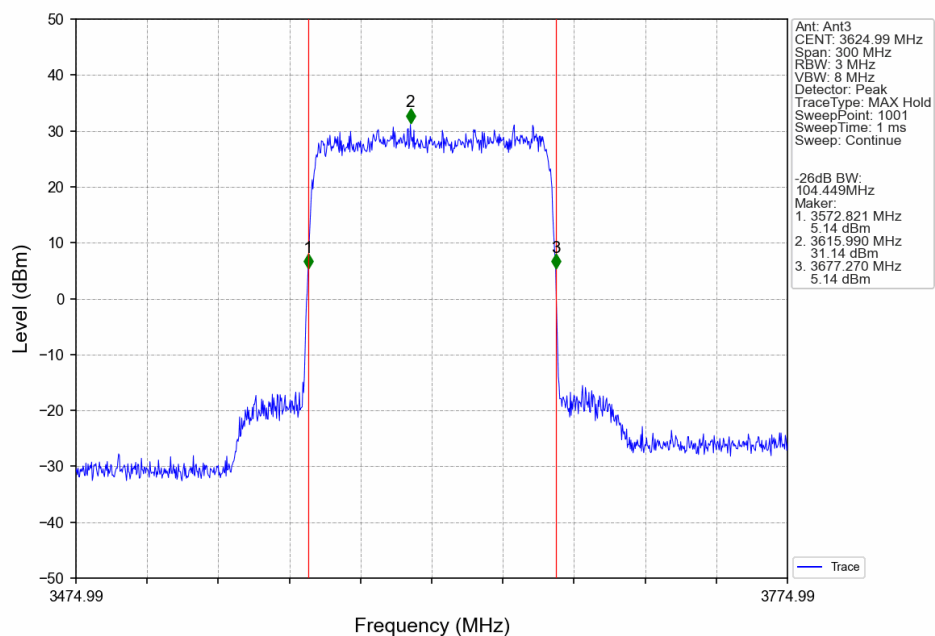


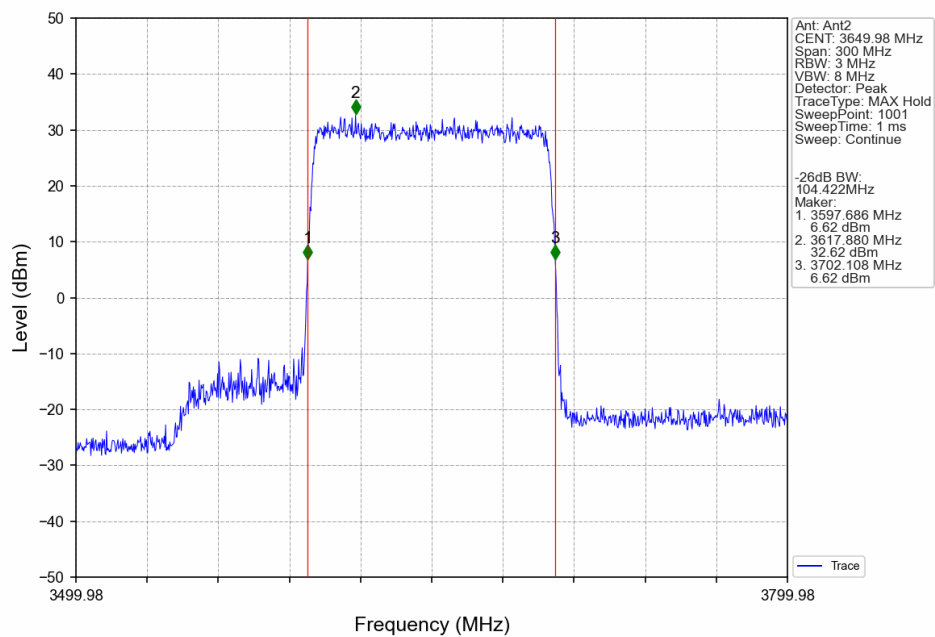
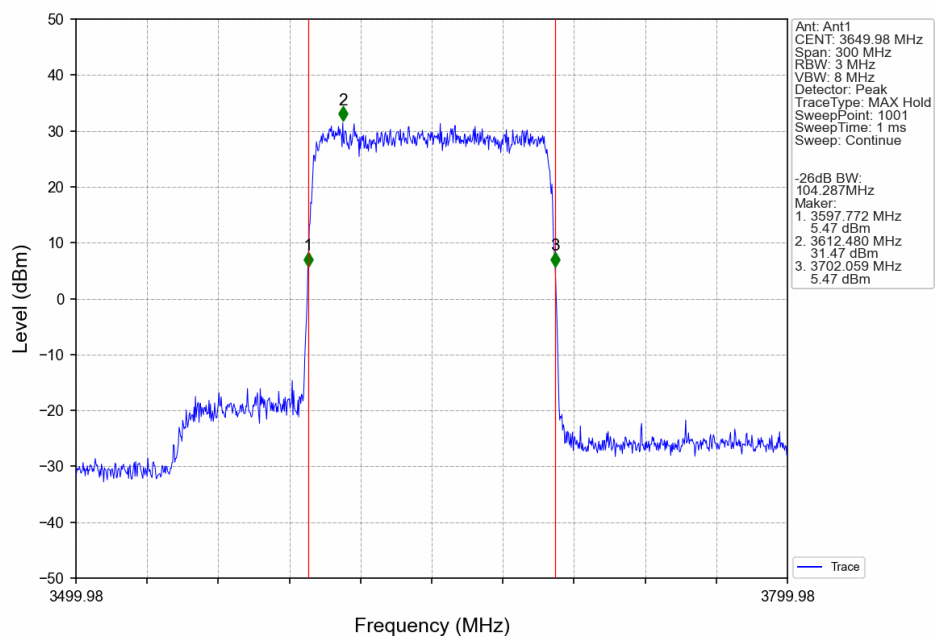
3.2.2 30_Single_XDB

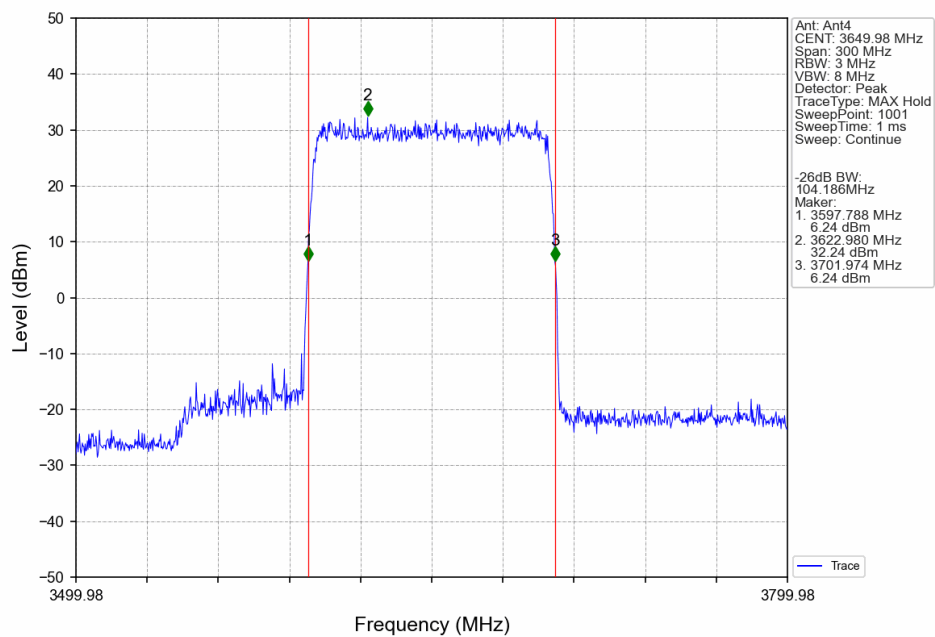
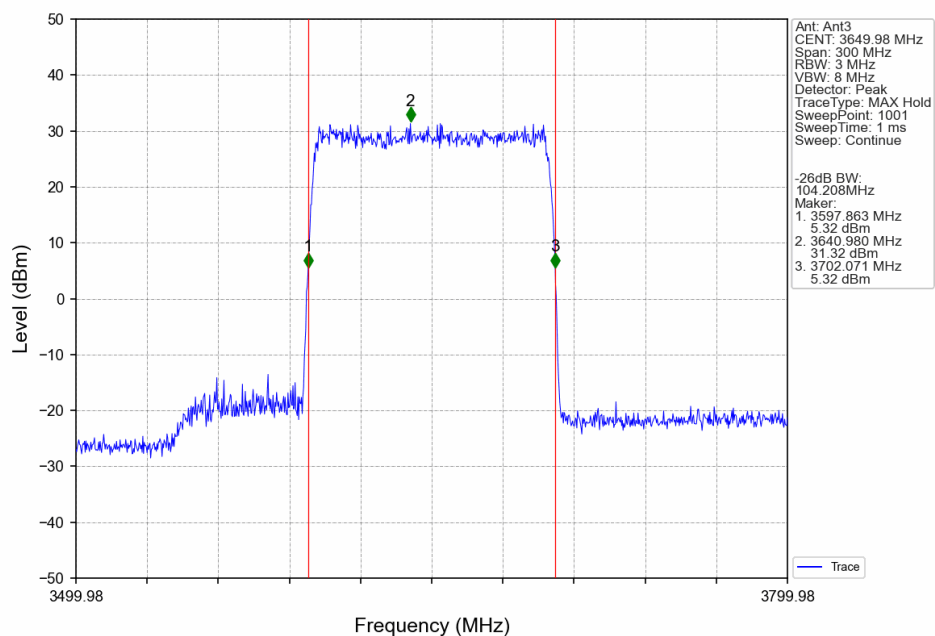












4. Spurious Emission

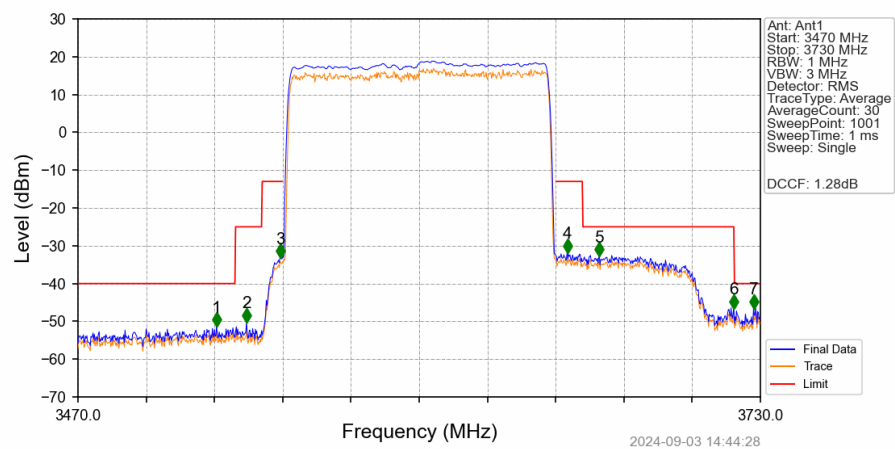
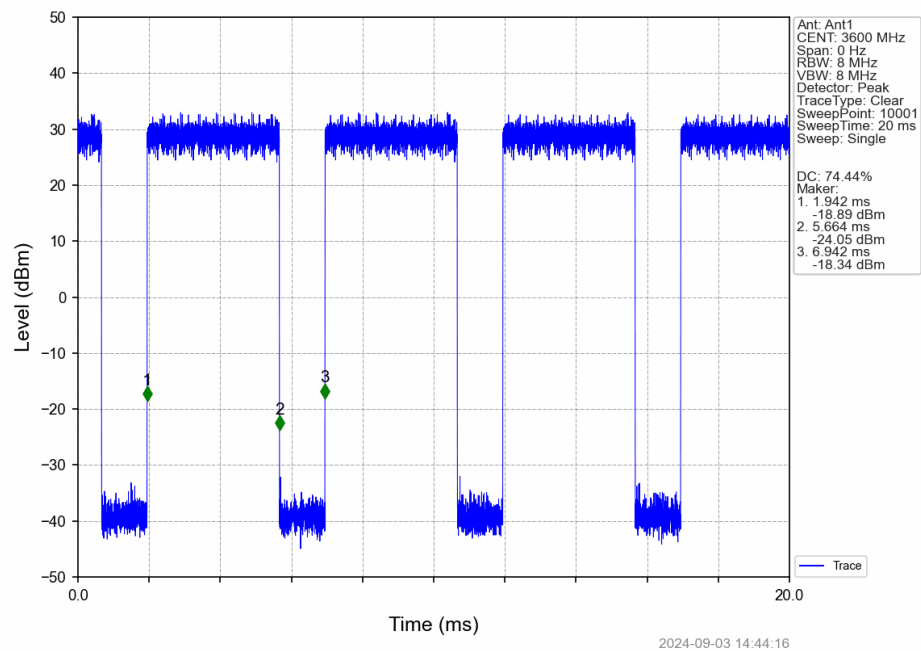
4.1 Test Result

4.1.1 30_Single

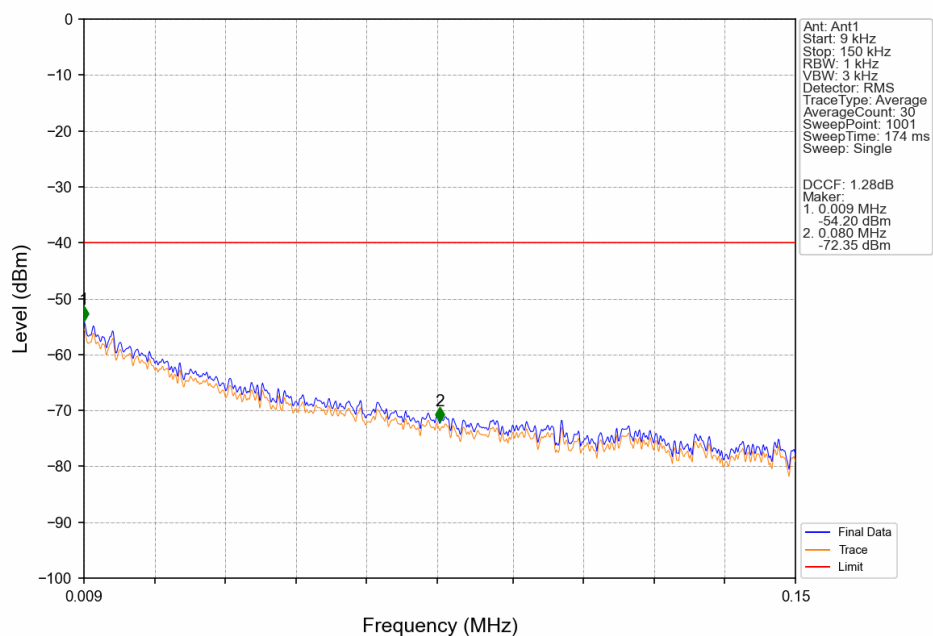
Band n48 Single NTN Ant1						
BW (MHz)	DL Frequency (MHz)	Test Mode	Ant No.	Spurious Emission		Verdict
				Result	Limit	
CC1:100	CC1:3600	NR-FR1-TM1.1	1	Refer To Test Graph		Pass
			2	Refer To Test Graph		Pass
			3	Refer To Test Graph		Pass
			4	Refer To Test Graph		Pass
			Sum	Refer To Test Graph		Pass
	CC1:3624.99	NR-FR1-TM1.1	1	Refer To Test Graph		Pass
			2	Refer To Test Graph		Pass
			3	Refer To Test Graph		Pass
			4	Refer To Test Graph		Pass
			Sum	Refer To Test Graph		Pass
	CC1:3649.98	NR-FR1-TM1.1	1	Refer To Test Graph		Pass
			2	Refer To Test Graph		Pass
			3	Refer To Test Graph		Pass
			4	Refer To Test Graph		Pass
			Sum	Refer To Test Graph		Pass

4.2 Test Graph

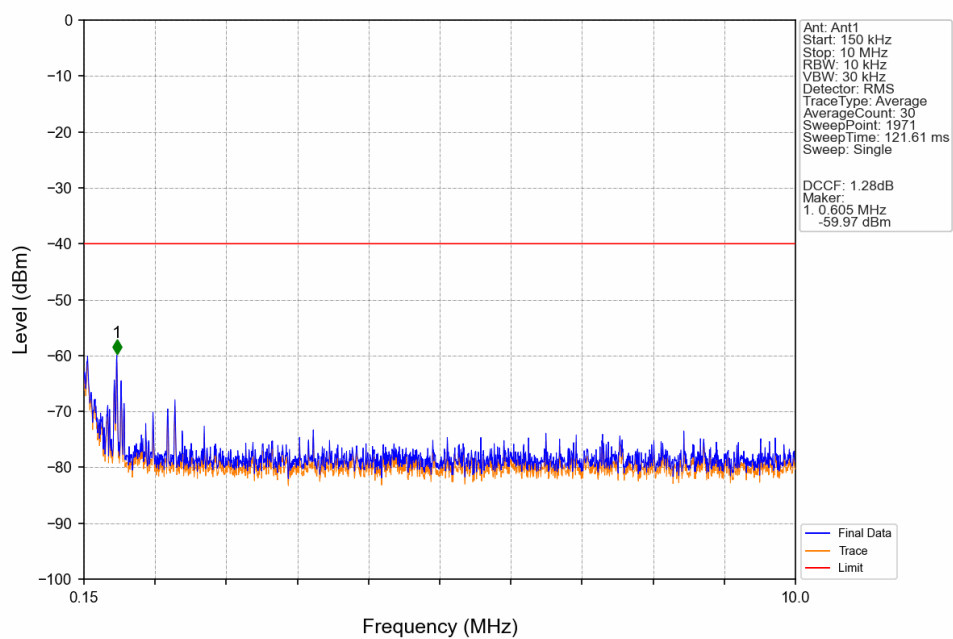
4.2.1 30_Single



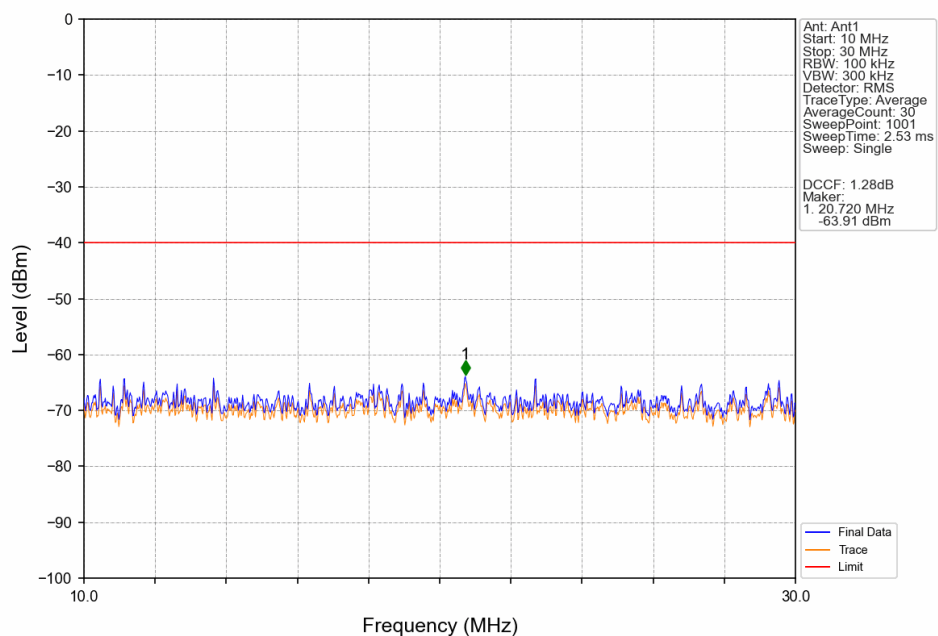
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3470	3530	1	/	1	3522.780	-51.13	-40	Pass
3530	3540	1	/	2	3534.220	-49.92	-25	Pass
3540	3547.81	1.474	/	3	3547.220	-32.97	-13	Pass
3547.81	3652.19	1.474	CHP	/	/	/	/	/
3652.19	3662.19	1	/	4	3656.420	-31.56	-13	Pass
3662.19	3720	1	/	5	3668.640	-32.50	-25	Pass
3720	3720	1	/	6	3719.860	-46.29	-25	Pass
3720	3730	1	/	7	3727.400	-46.31	-40	Pass



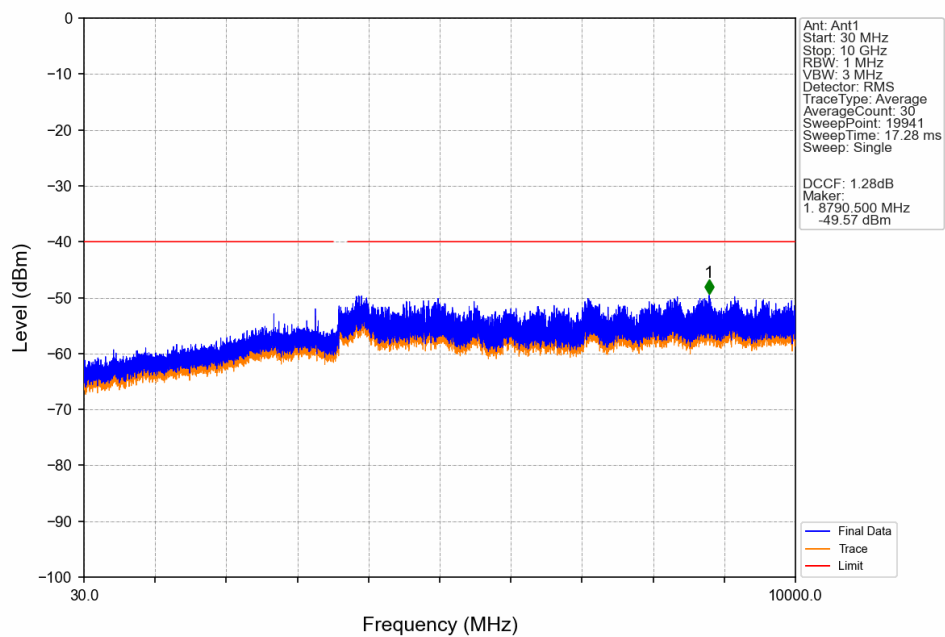
2024-09-03 17:06:42



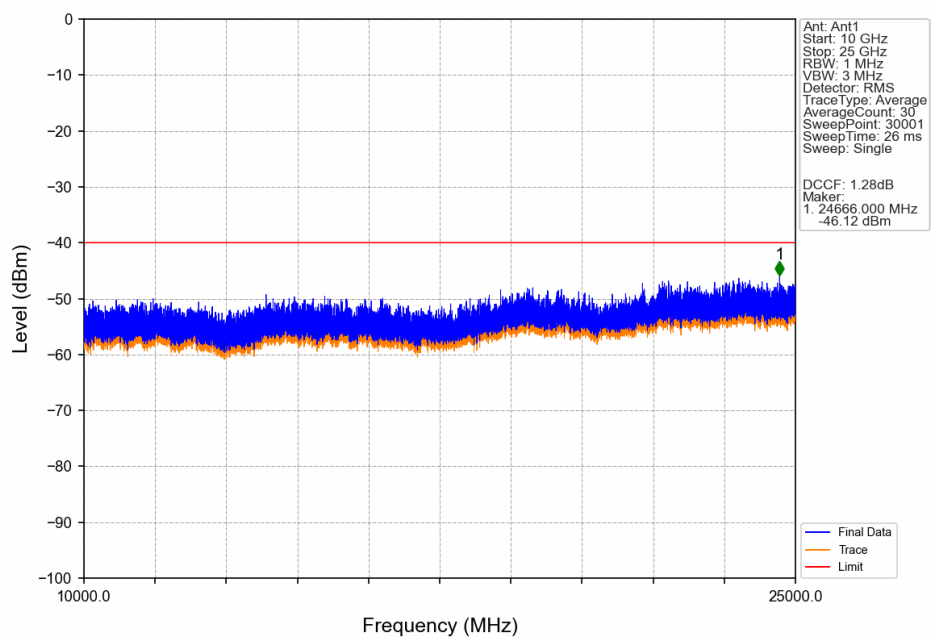
2024-09-03 14:44:39



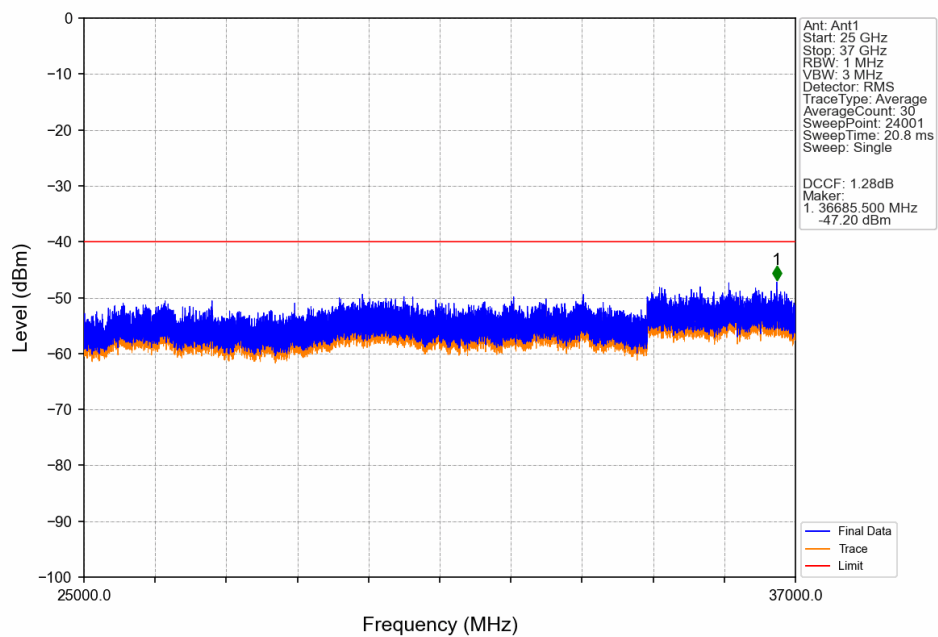
2024-09-03 14:44:41



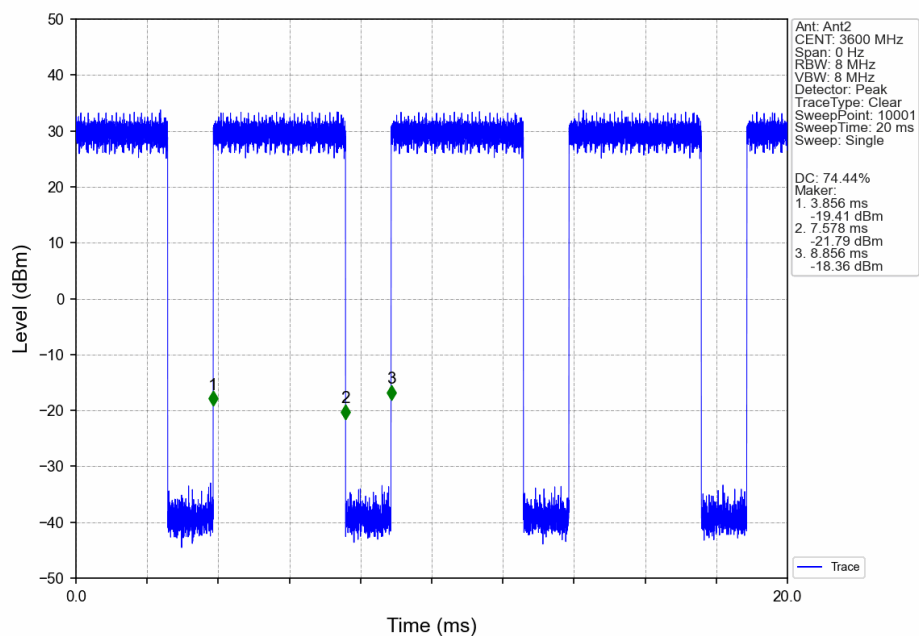
2024-09-03 17:06:49



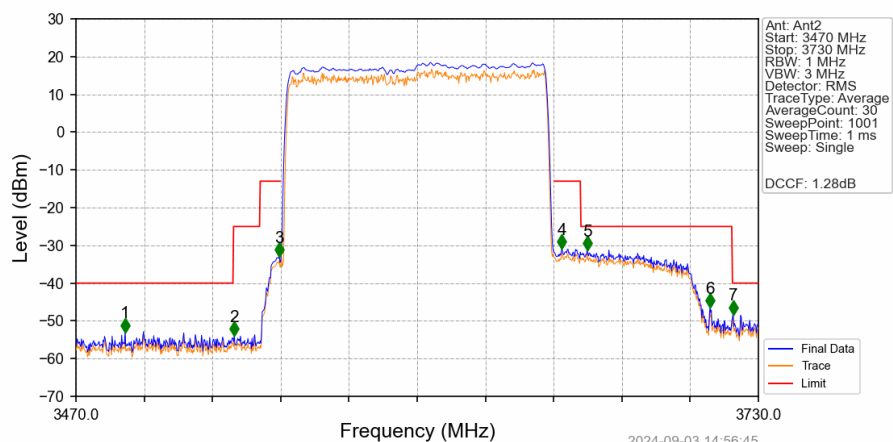
2024-09-03 17:06:58



2024-09-03 17:21:11

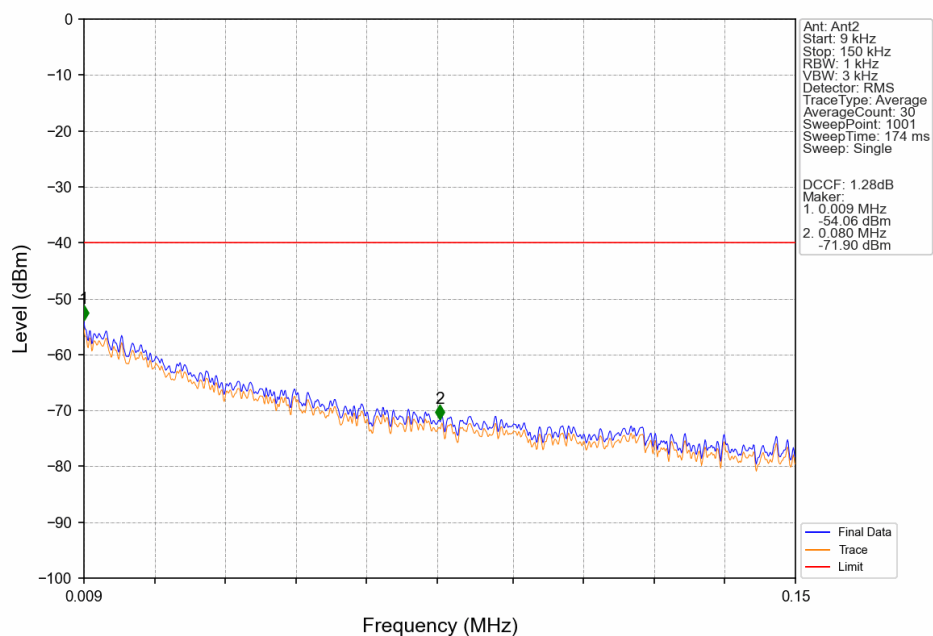


2024-09-03 14:56:40

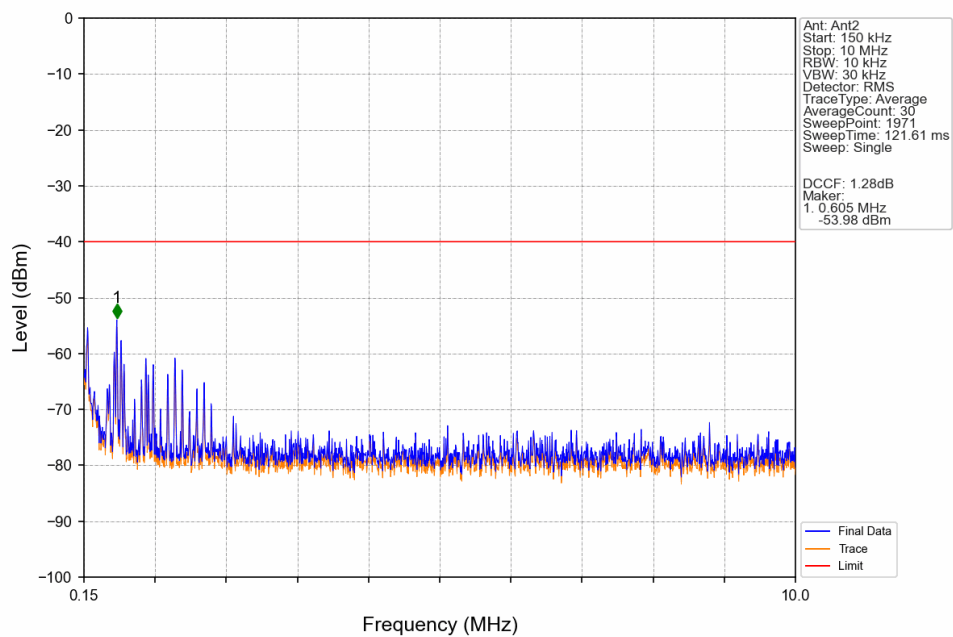


2024-09-03 14:56:45

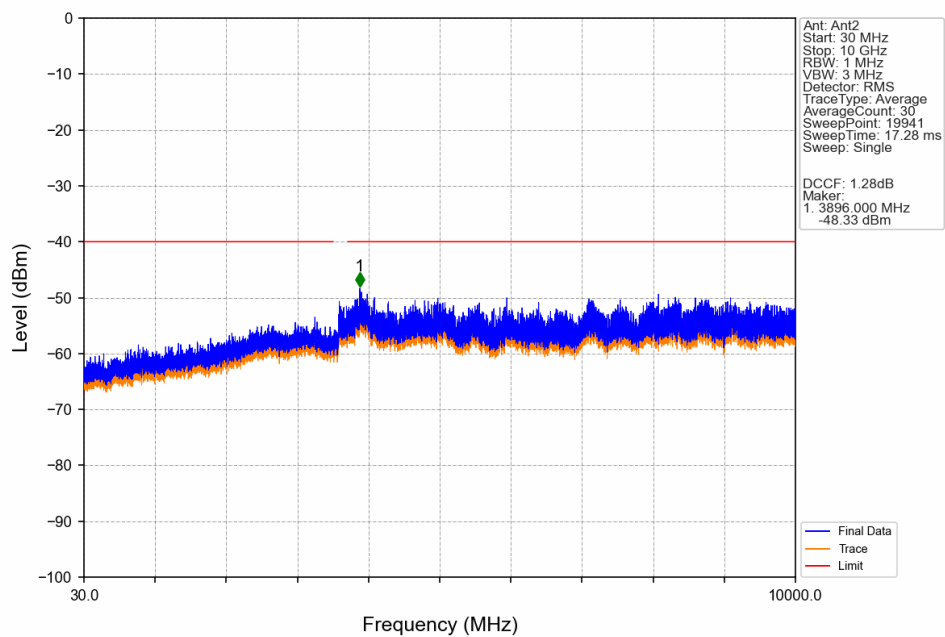
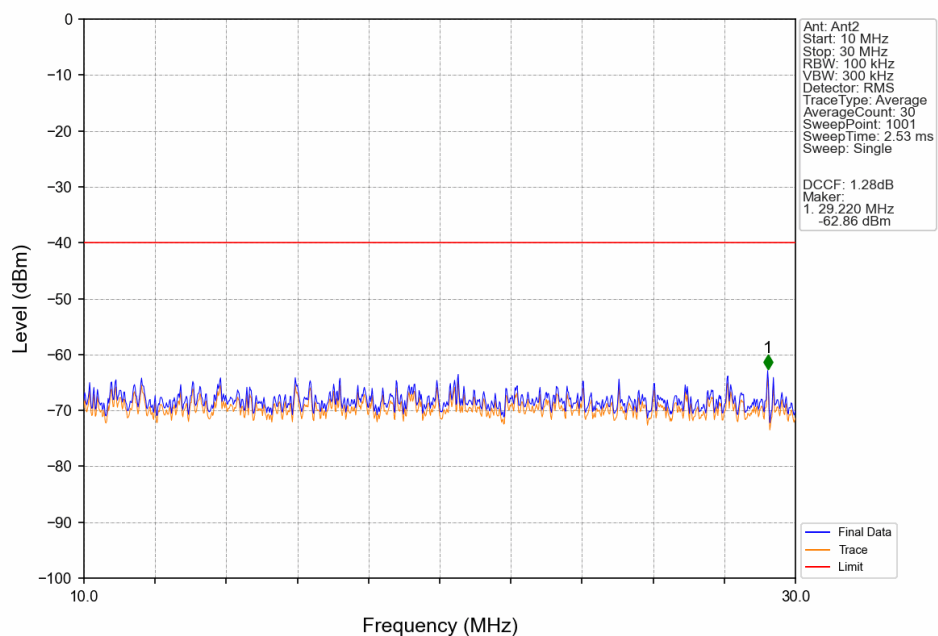
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3470	3530	1	/	1	3488.720	-52.70	-40	Pass
3530	3540	1	/	2	3530.320	-53.64	-25	Pass
3540	3547.756	1.474	/	3	3547.480	-32.72	-13	Pass
3547.756	3652.244	1.474	CHP	/	/	/	/	/
3652.244	3662.244	1	/	4	3655.120	-30.64	-13	Pass
3662.244	3720	1	/	5	3664.740	-31.02	-25	Pass
3720	3720	1	/	6	3711.540	-46.19	-25	Pass
3720	3730	1	/	7	3720.380	-48.01	-40	Pass

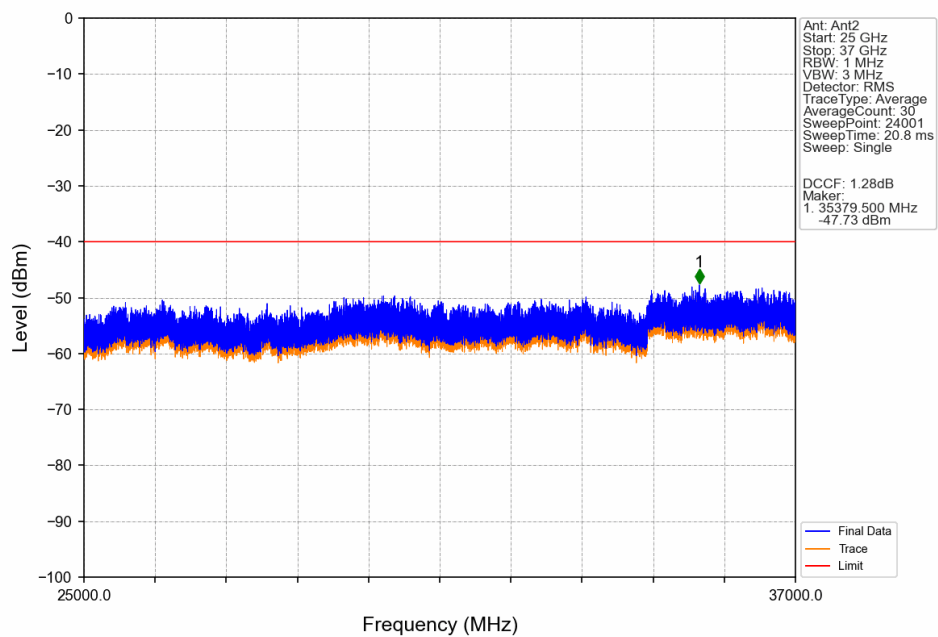
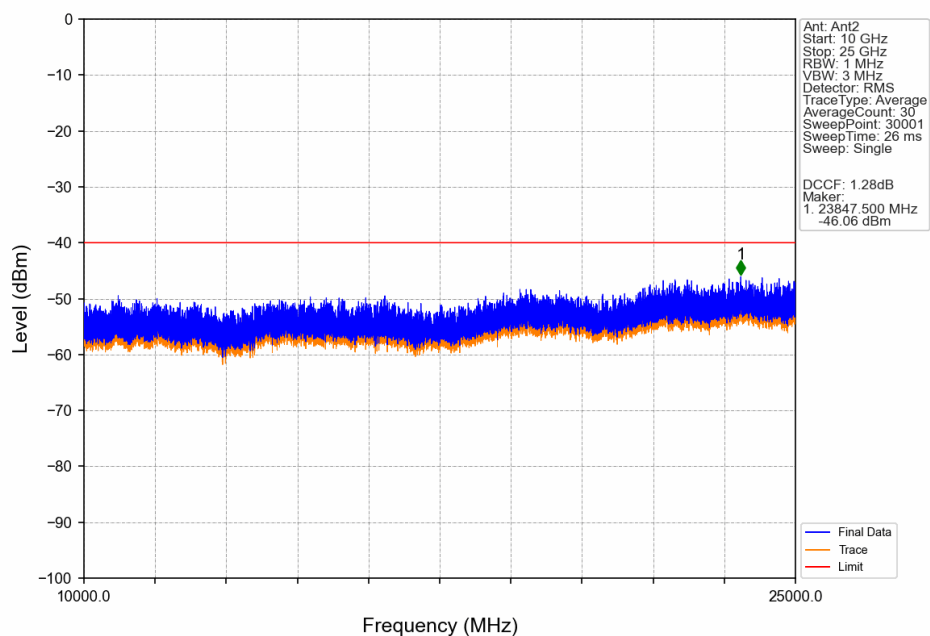


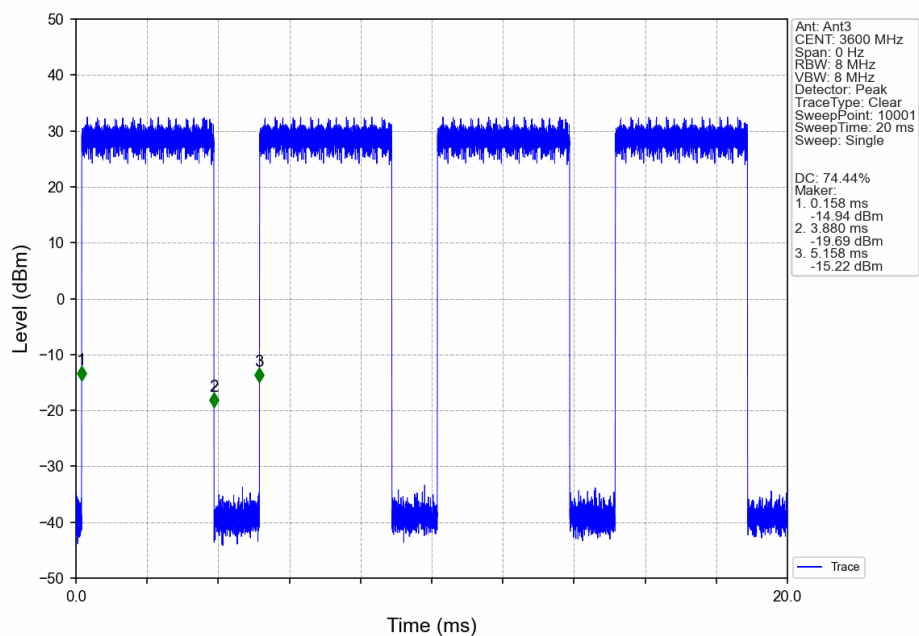
2024-09-03 17:10:12



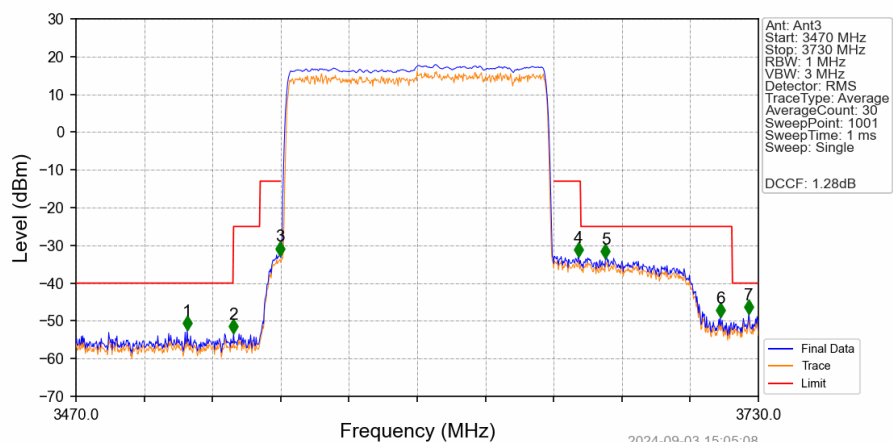
2024-09-03 14:56:56





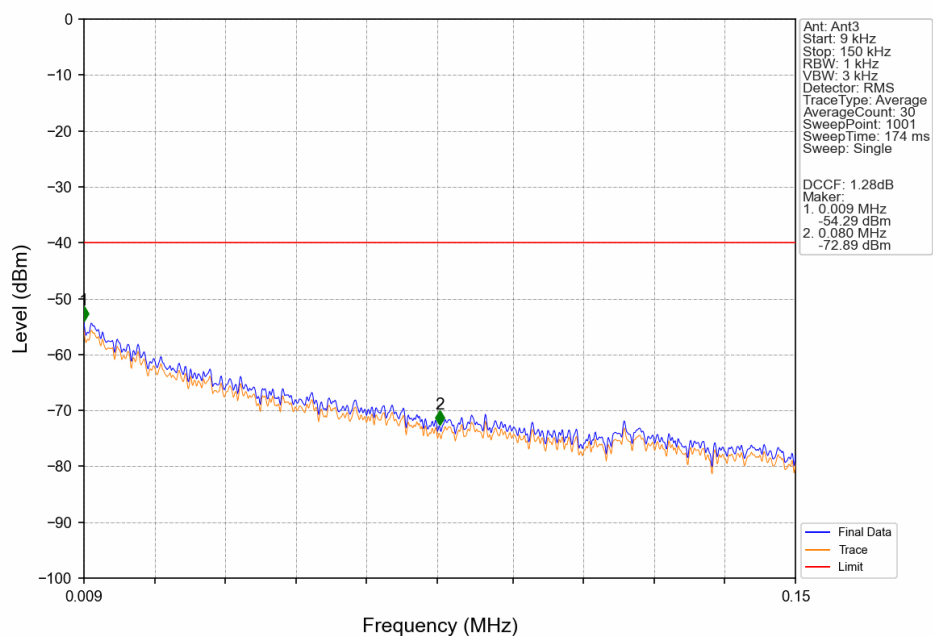


2024-09-03 15:05:04

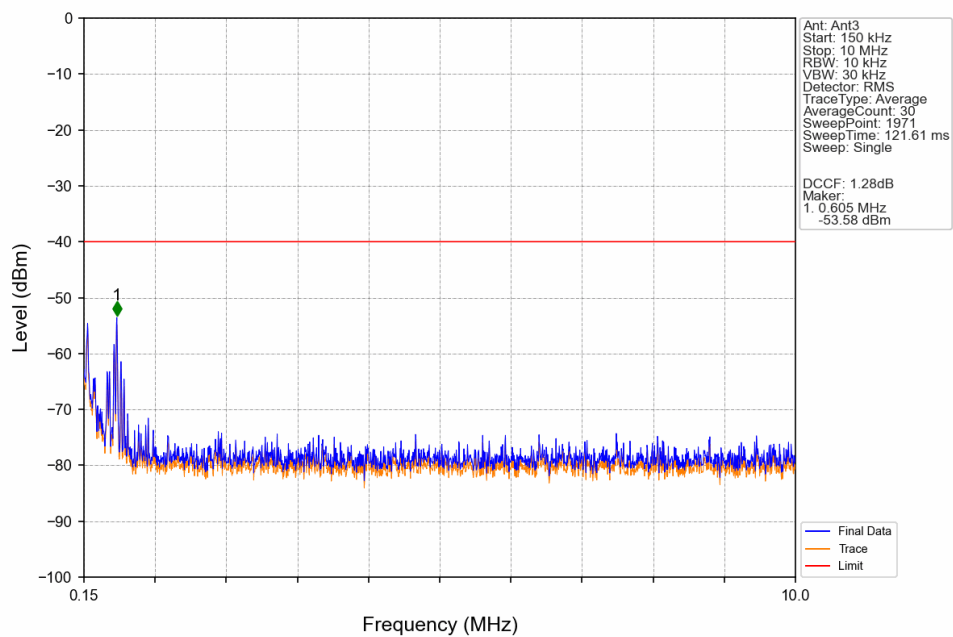


2024-09-03 15:05:08

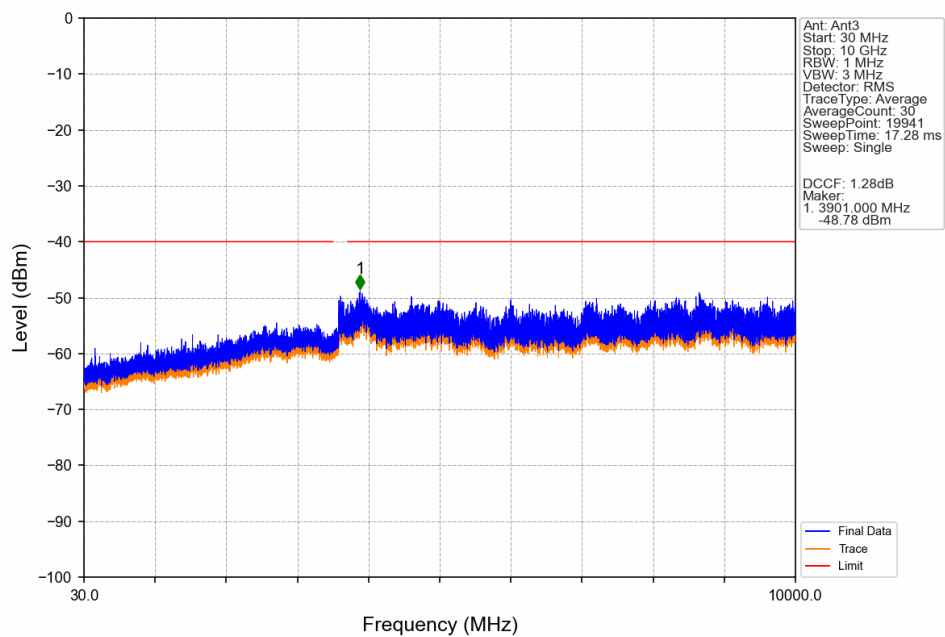
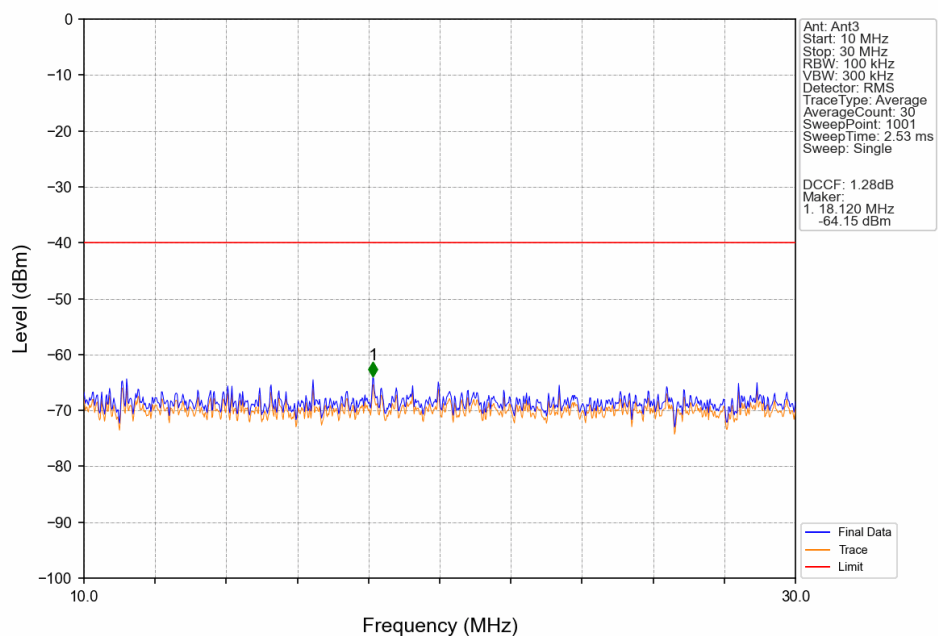
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3470	3530	1	/	1	3512.380	-52.21	-40	Pass
3530	3540	1	/	2	3530.060	-53.05	-25	Pass
3540	3547.86	1.474	/	3	3547.740	-32.41	-13	Pass
3547.86	3652.141	1.474	CHP	/	/	/	/	/
3652.141	3662.141	1	/	4	3661.360	-32.76	-13	Pass
3662.141	3720	1	/	5	3671.760	-33.13	-25	Pass
3720	3720	1	/	6	3715.440	-48.73	-25	Pass
3720	3730	1	/	7	3726.360	-47.93	-40	Pass

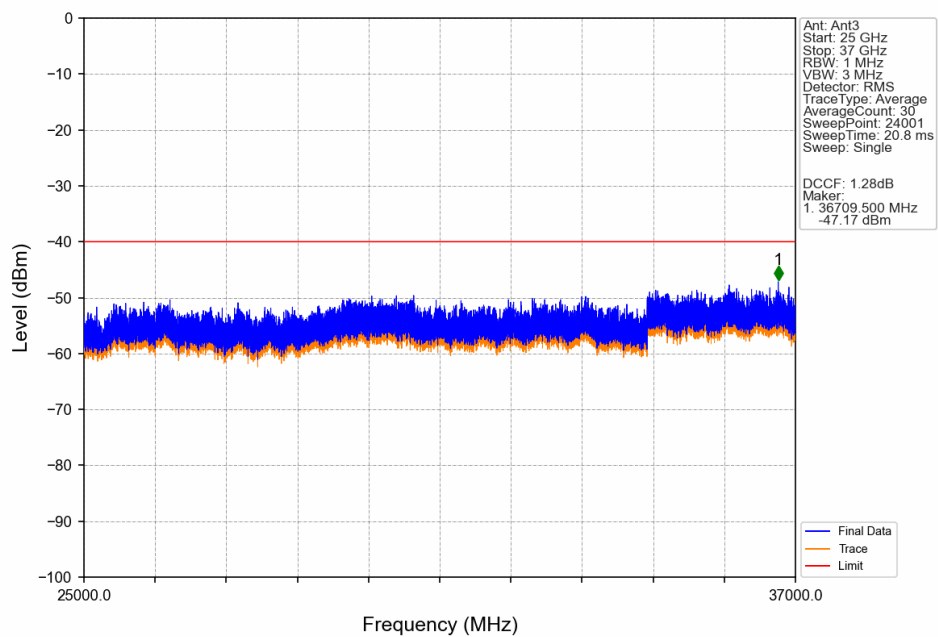
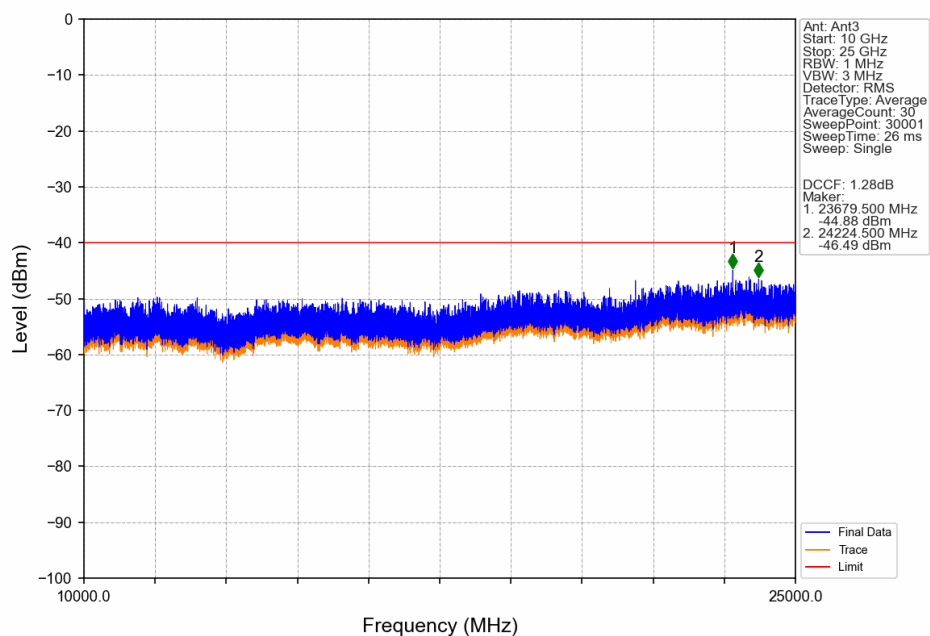


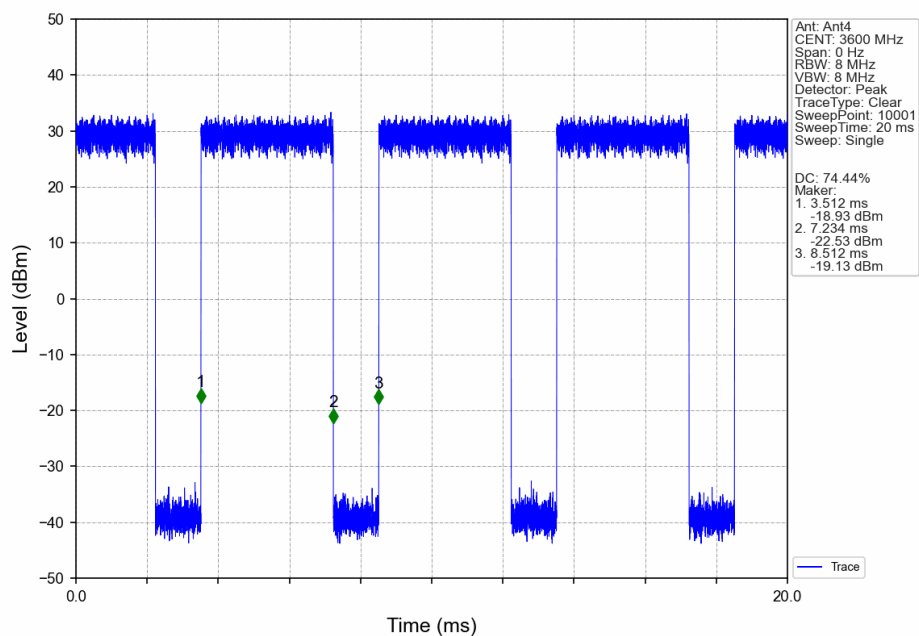
2024-09-03 17:13:31



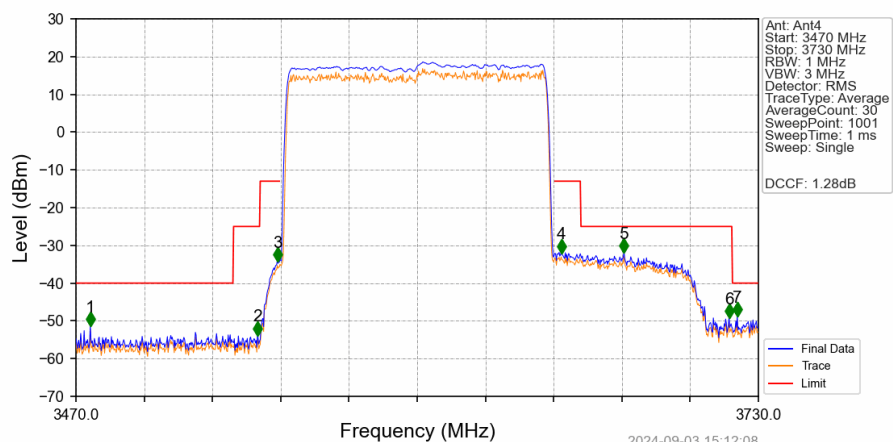
2024-09-03 15:05:20





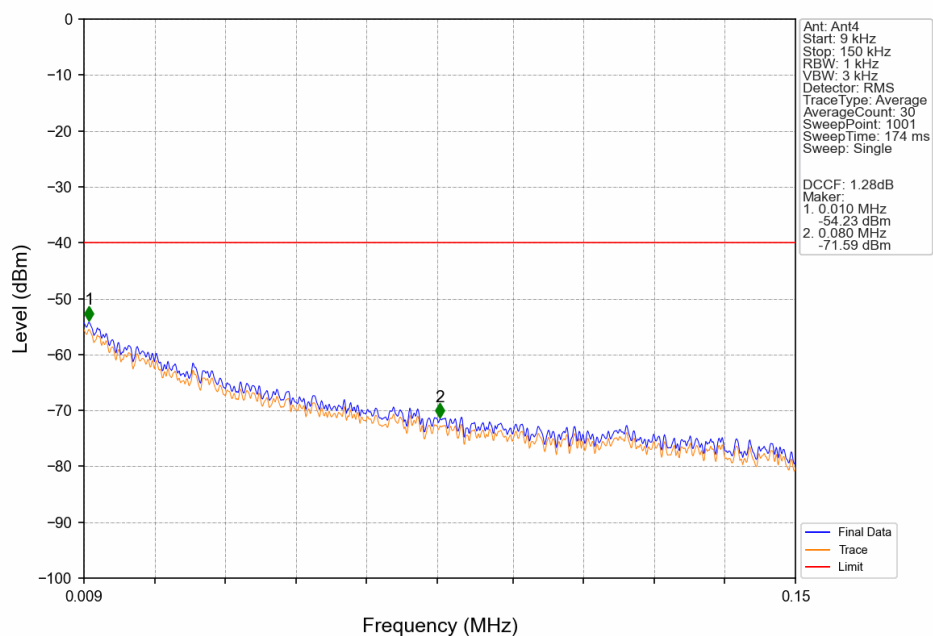


2024-09-03 15:12:03

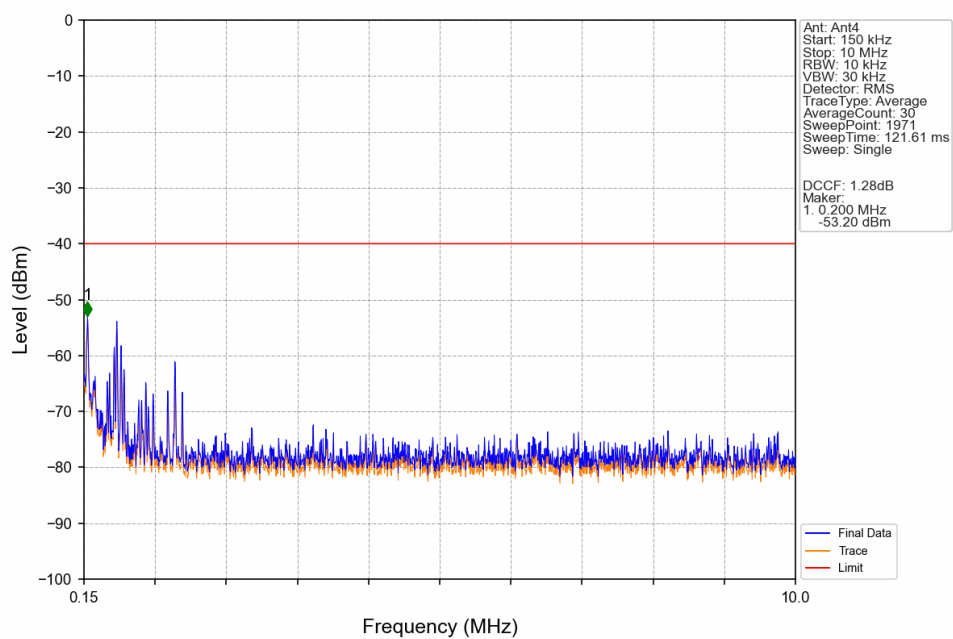


2024-09-03 15:12:08

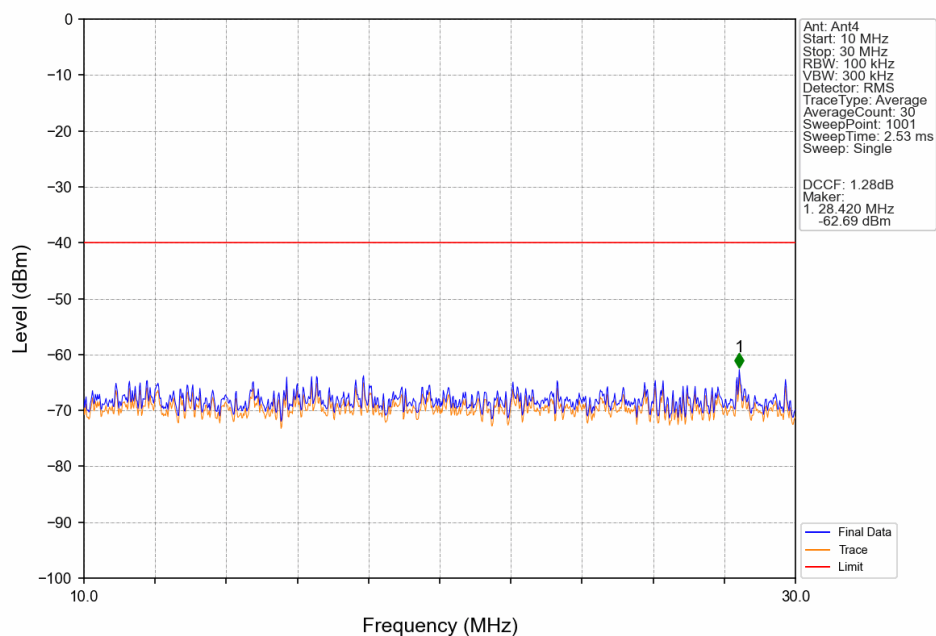
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3470	3530	1	/	1	3475.460	-51.06	-40	Pass
3530	3540	1	/	2	3539.160	-53.54	-25	Pass
3540	3547.738	1.474	/	3	3546.700	-34.04	-13	Pass
3547.738	3652.262	1.474	CHP	/	/	/	/	/
3652.262	3662.262	1	/	4	3654.860	-31.79	-13	Pass
3662.262	3720	1	/	5	3678.780	-31.67	-25	Pass
3720	3720	1	/	6	3718.820	-48.89	-25	Pass
3720	3730	1	/	7	3721.940	-48.55	-40	Pass



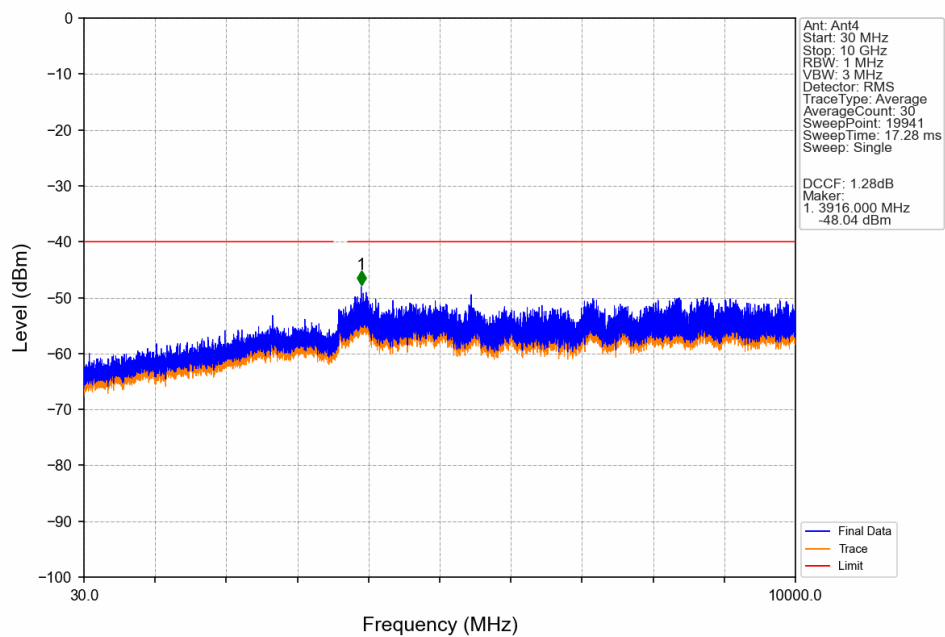
2024-09-03 17:15:49



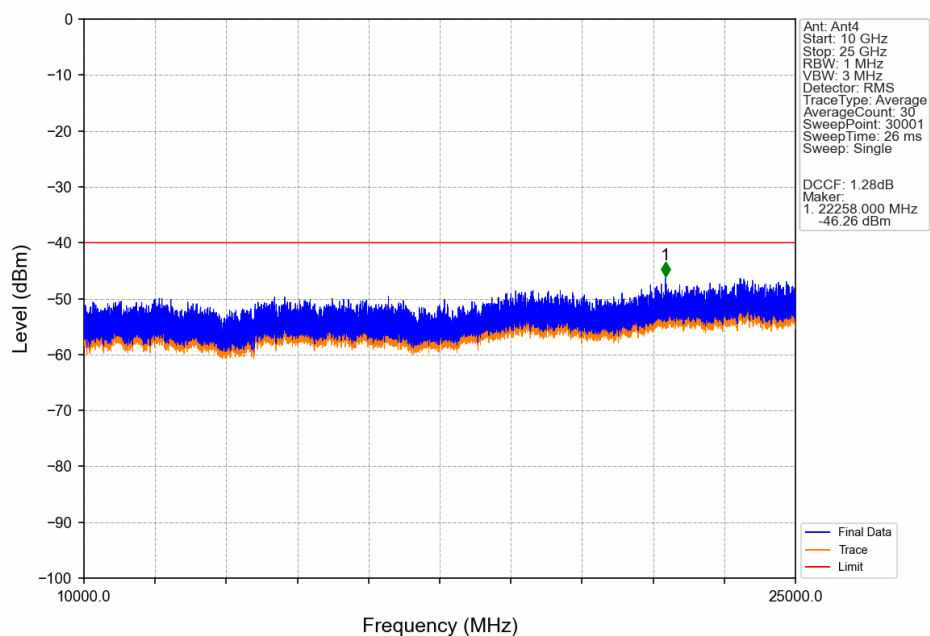
2024-09-03 15:12:20



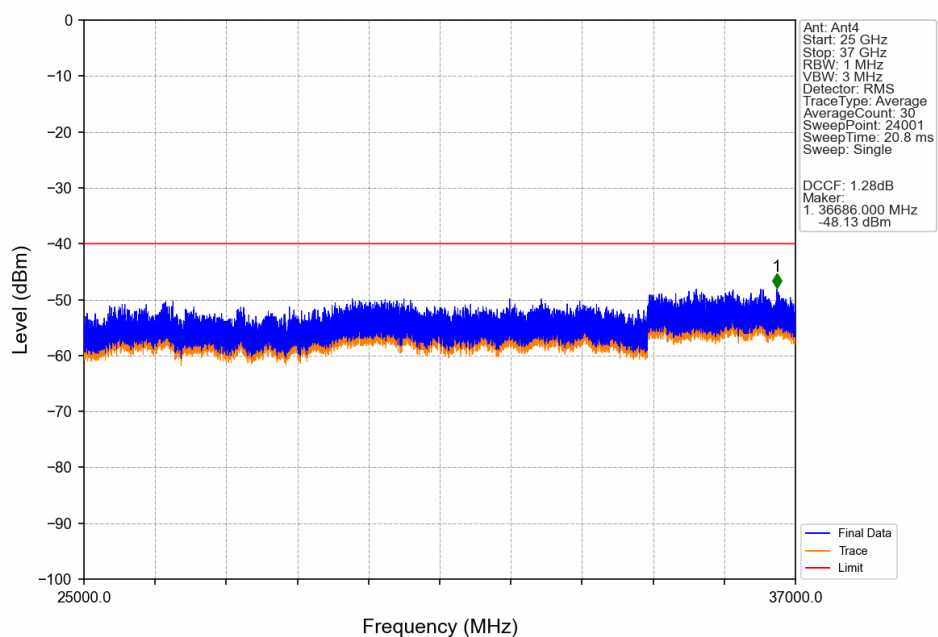
2024-09-03 15:12:21



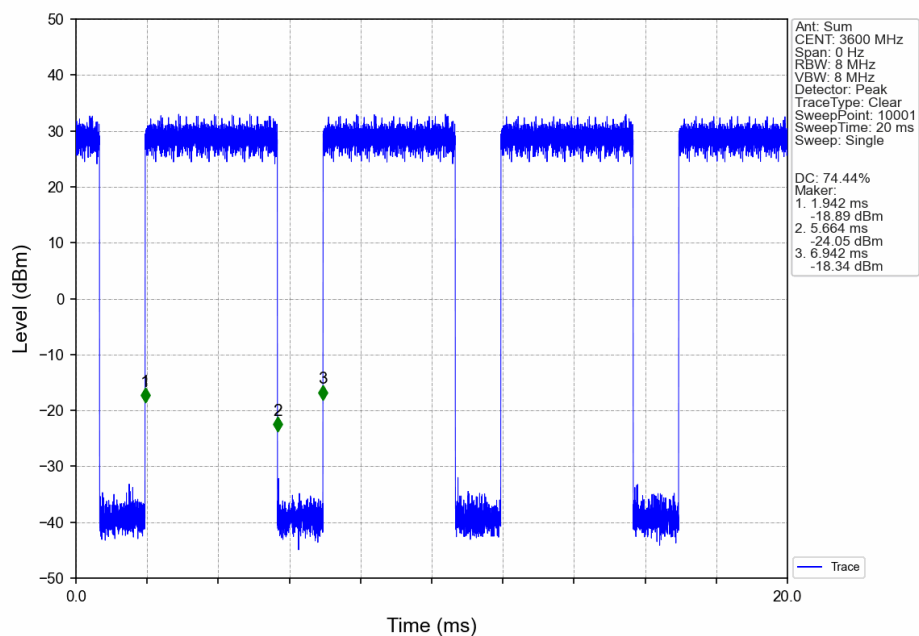
2024-09-03 17:15:56



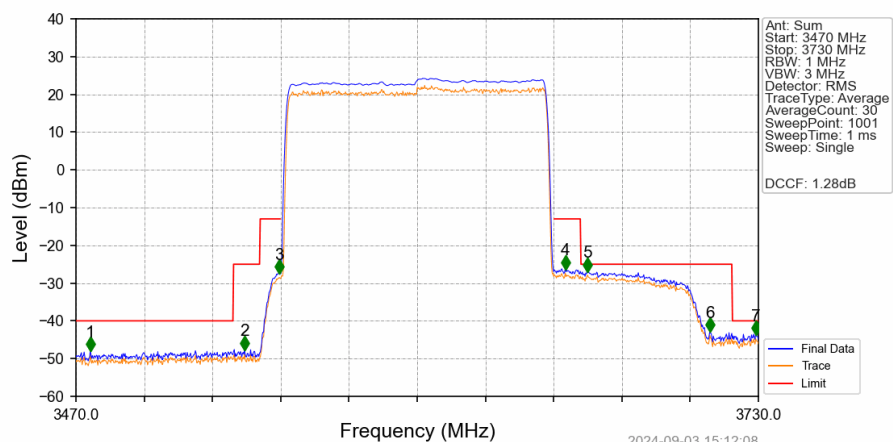
2024-09-03 17:16:05



2024-09-03 17:23:27



2024-09-03 14:44:16



2024-09-03 15:12:08

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3470	3530	1	/	1	3475.460	-47.67	-40	Pass
3530	3540	1	/	2	3534.220	-47.43	-25	Pass
3540	3547.756	1.474	/	3	3547.480	-27.24	-13	Pass
3547.756	3652.244	1.474	CHP	/	/	/	/	/
3652.244	3662.244	1	/	4	3656.420	-26.05	-13	Pass
3662.244	3720	1	/	5	3664.740	-26.66	-25	Pass
3720	3720	1	/	6	3711.540	-42.58	-25	Pass
3720	3730	1	/	7	3728.960	-43.41	-40	Pass