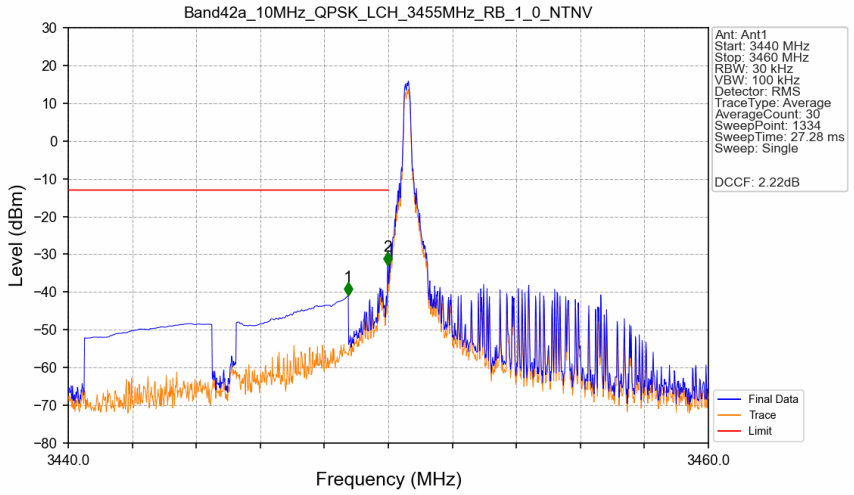
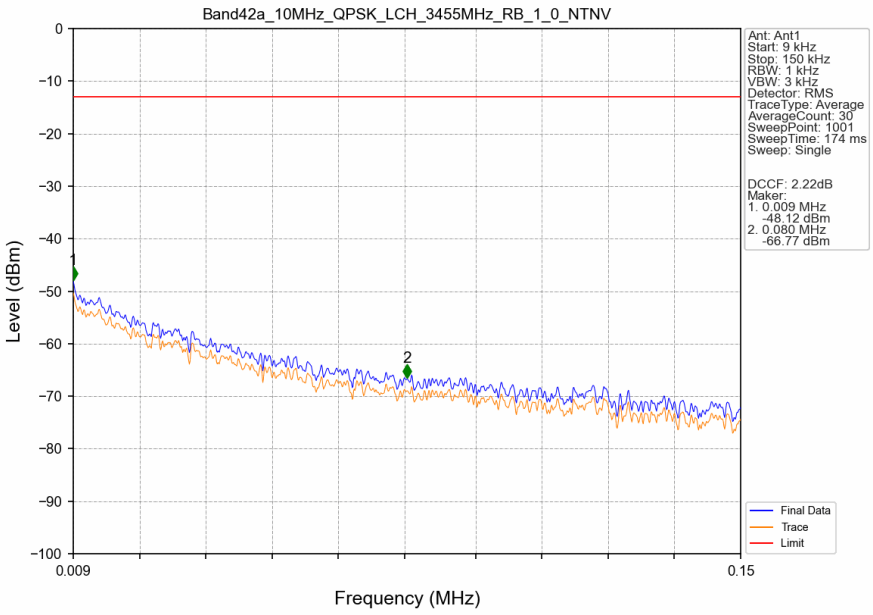
5.2.2 B42a_10MHz

Band42a_10MHz_QPSK_LCH_3455MHz_RB_1_0_NTNV

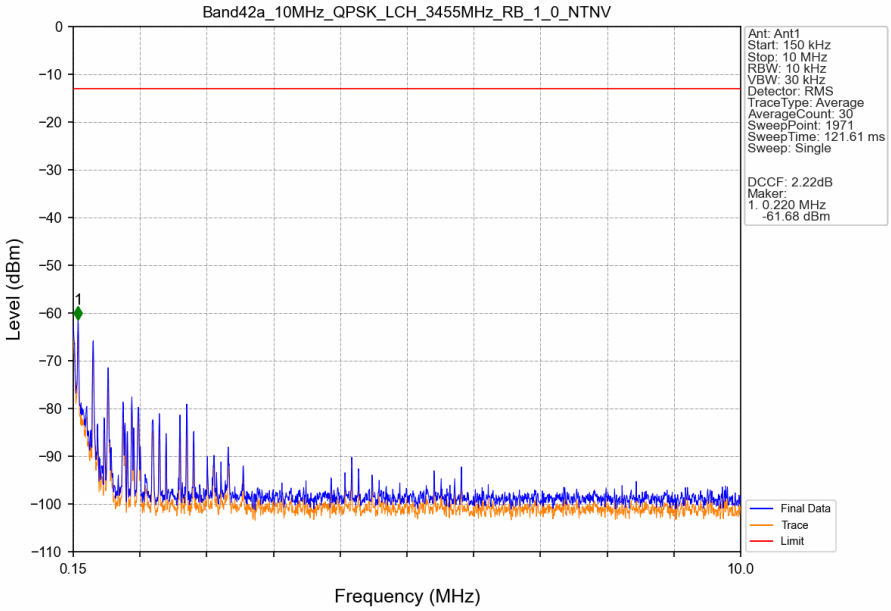


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3440	3449	0.5	CHP	1	3448.747	-40.93	-13	Pass
3449	3450	0.03	/	2	3449.977	-32.84	-13	Pass
3450	3460	0.03	/	/	/	/	/	/

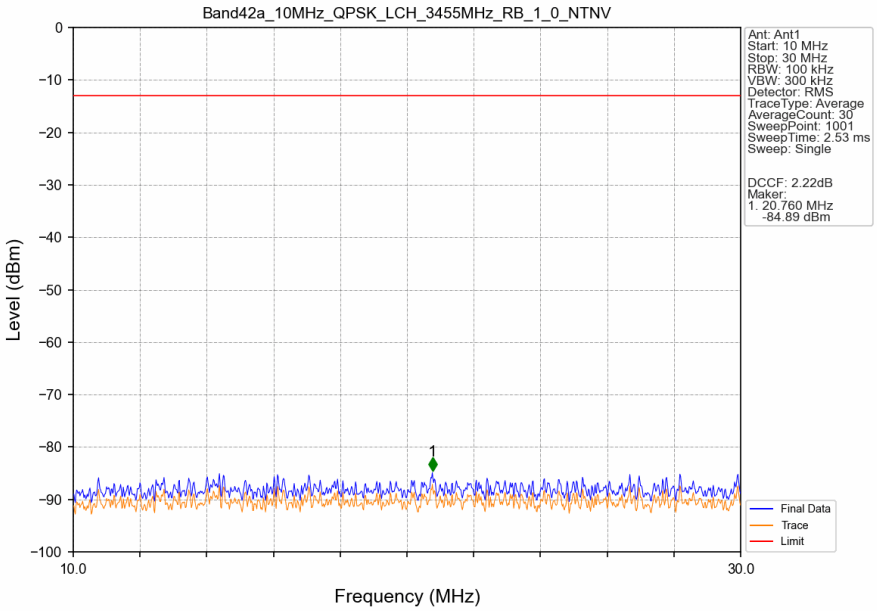
Band42a_10MHz_QPSK_LCH_3455MHz_RB_1_0_NTNV



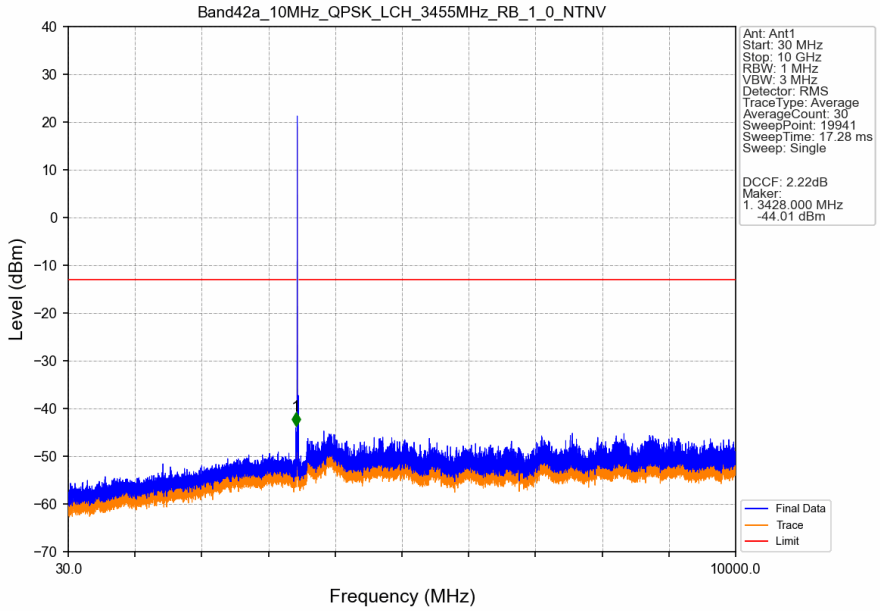
Band42a_10MHz_QPSK_LCH_3455MHz_RB_1_0_NTNV



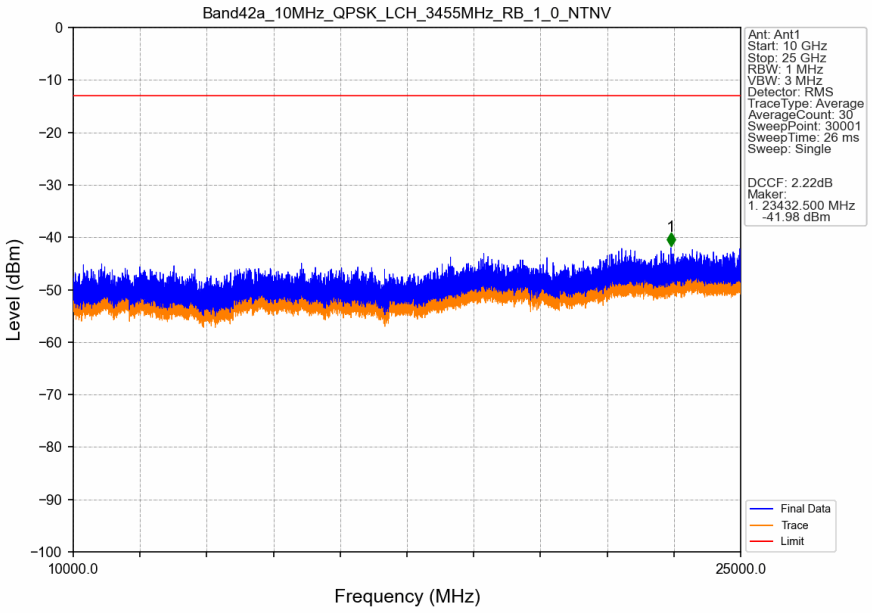
Band42a_10MHz_QPSK_LCH_3455MHz_RB_1_0_NTNV



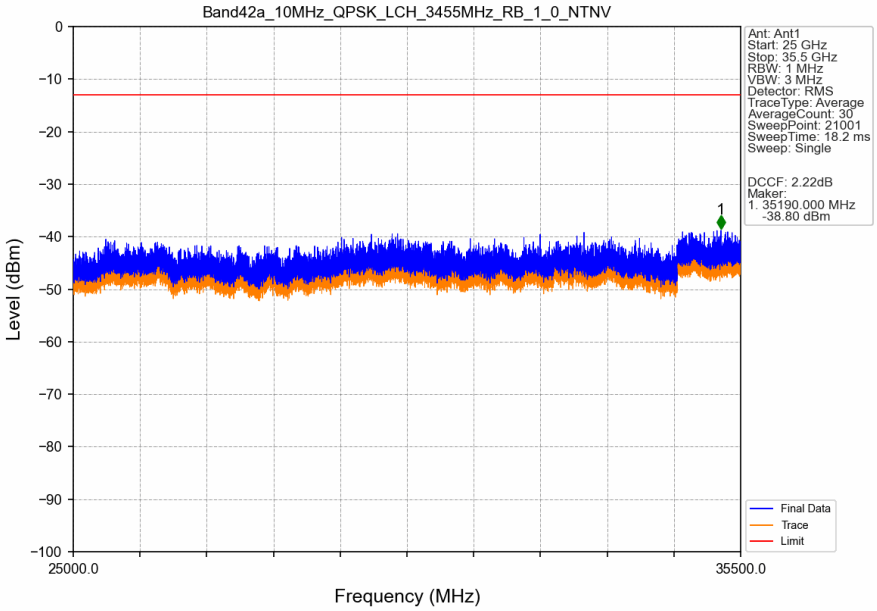
Band42a_10MHz_QPSK_LCH_3455MHz_RB_1_0_NTNV



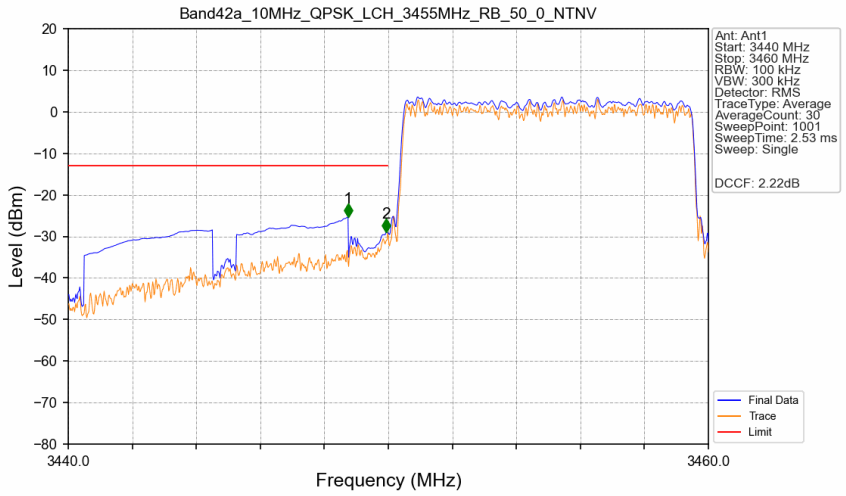
Band42a_10MHz_QPSK_LCH_3455MHz_RB_1_0_NTNV



Band42a_10MHz_QPSK_LCH_3455MHz_RB_1_0_NTNV

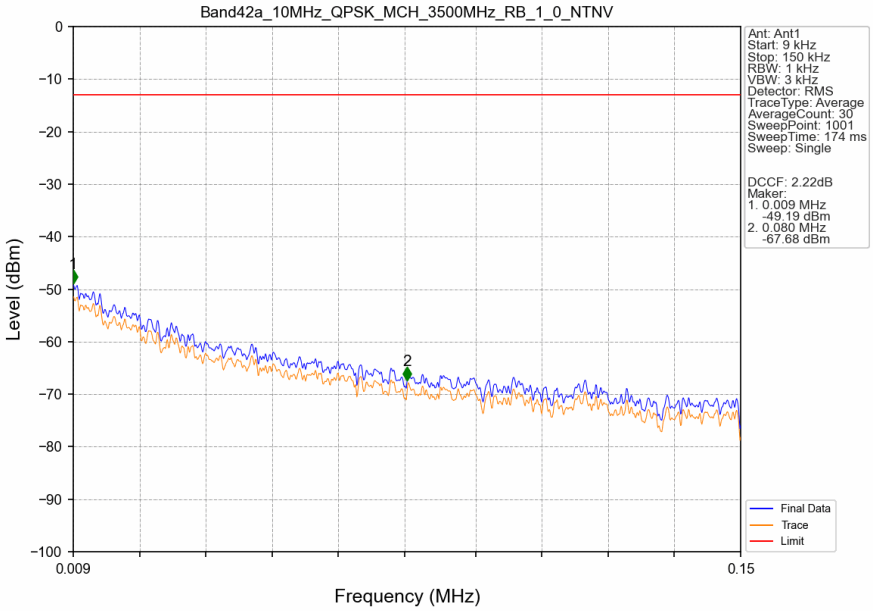


Band42a_10MHz_QPSK_LCH_3455MHz_RB_50_0_NTNV

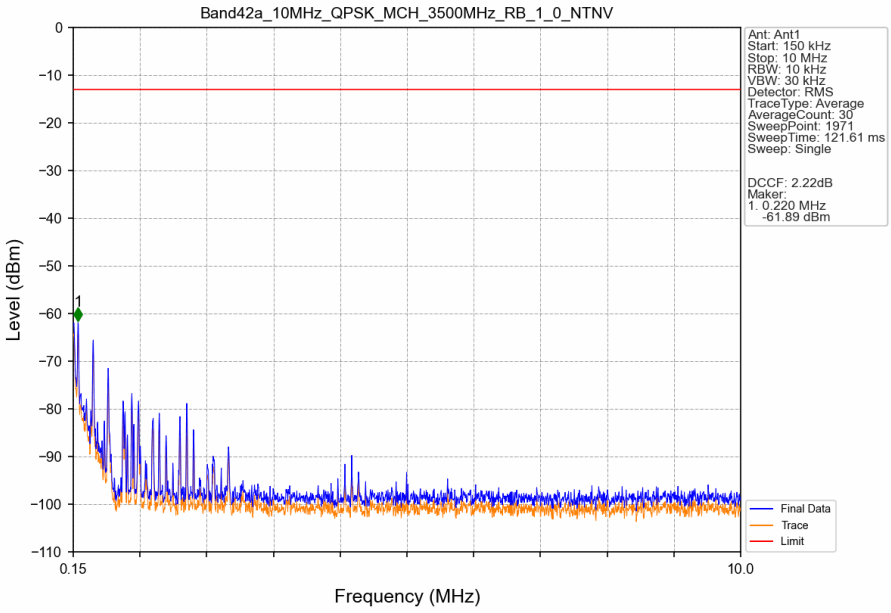


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3440	3449	0.5	CHP	1	3448.740	-25.38	-13	Pass
3449	3450	0.102	CHP	2	3449.940	-28.91	-13	Pass
3450	3460	0.102	CHP	/	/	/	/	/

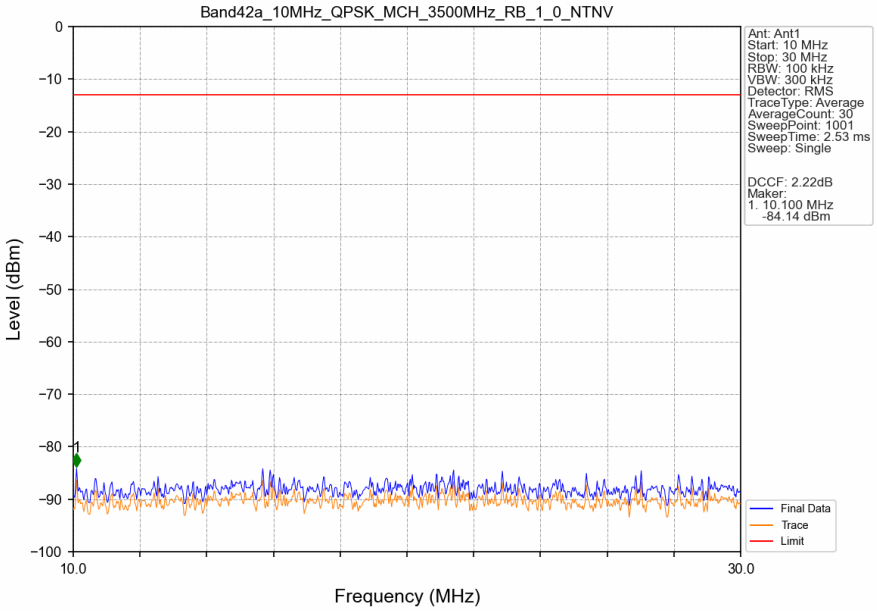
Band42a_10MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



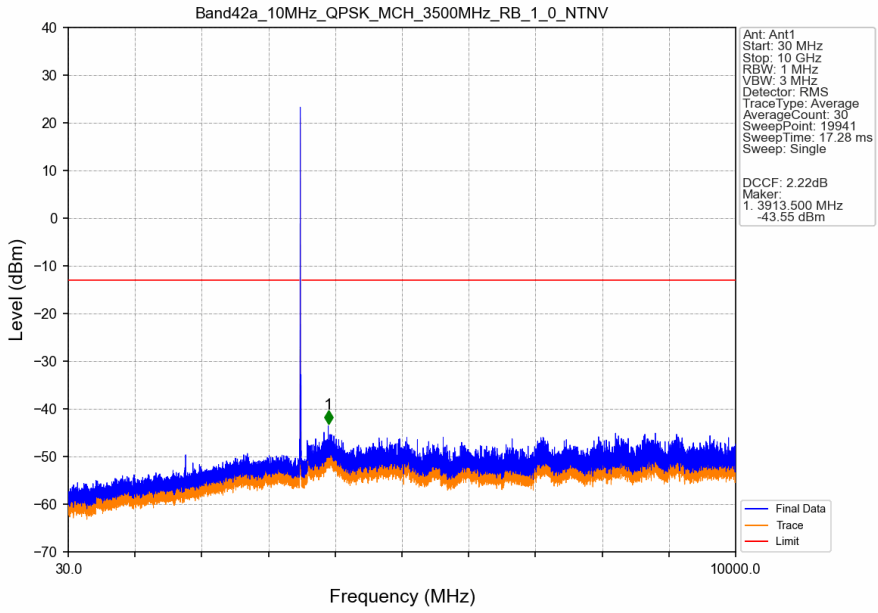
Band42a_10MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



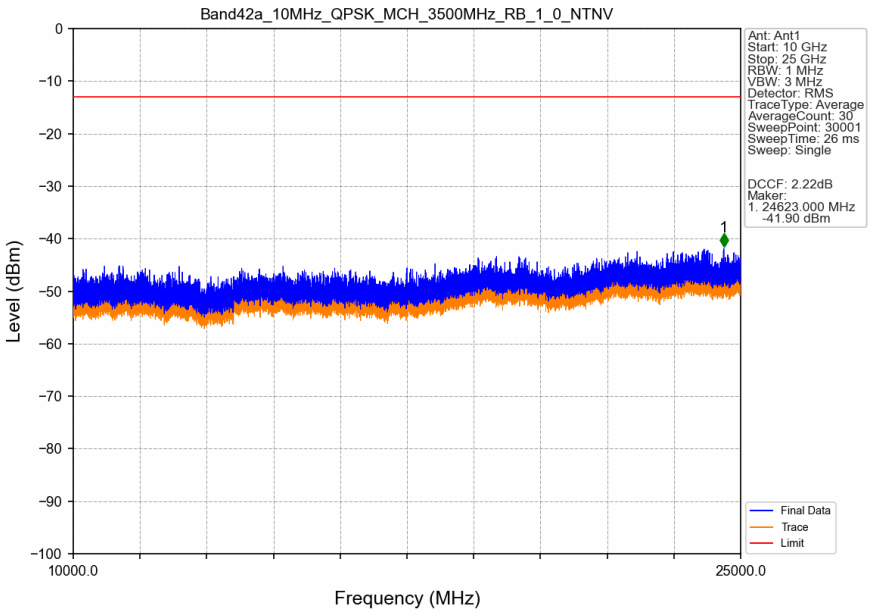
Band42a_10MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



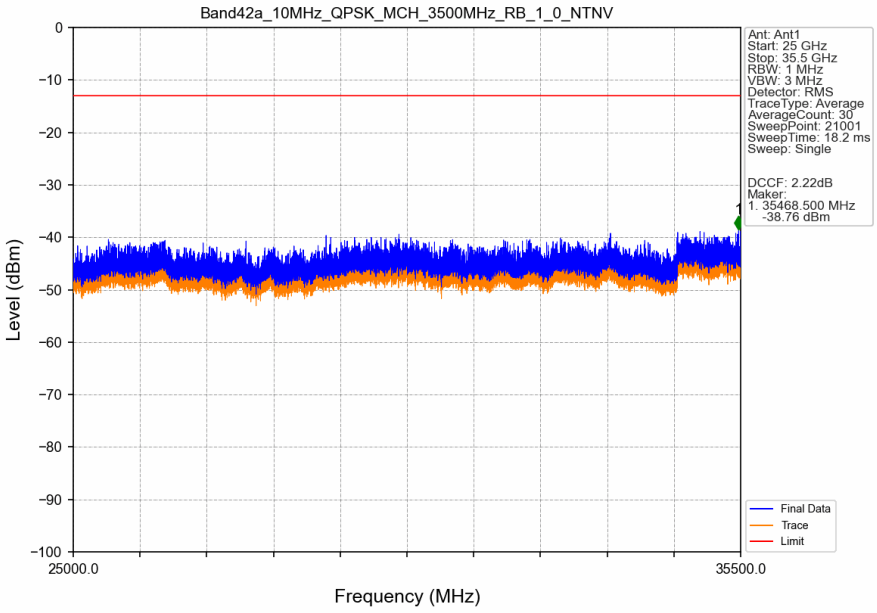
Band42a_10MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



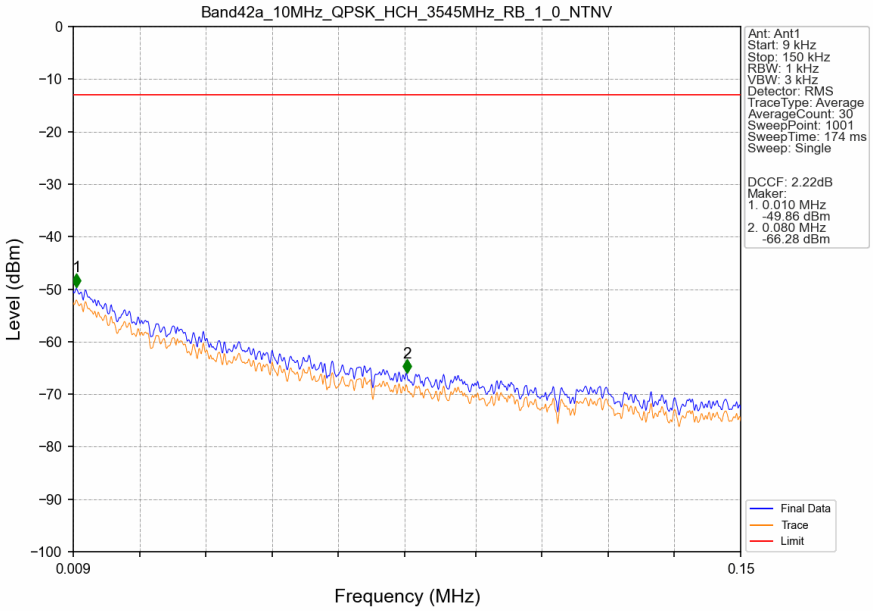
Band42a_10MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



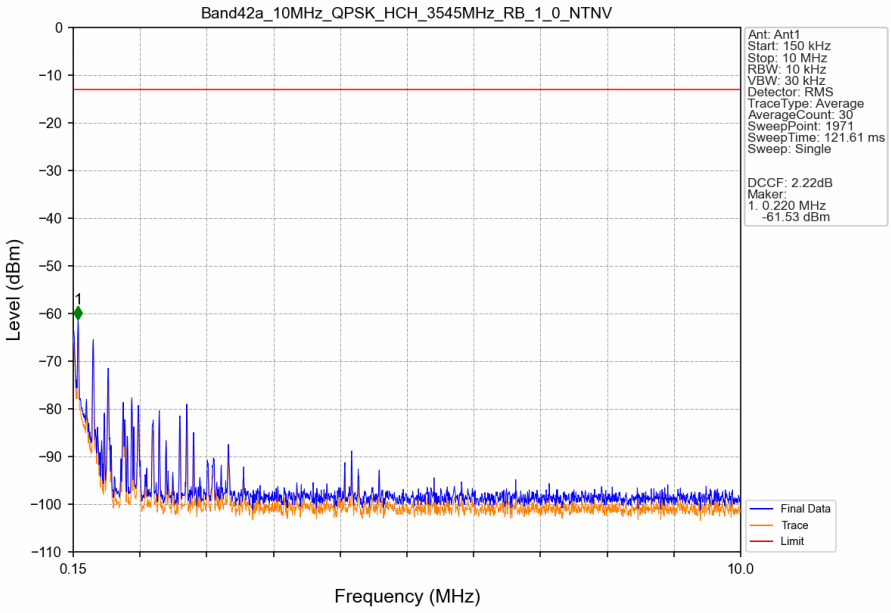
Band42a_10MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



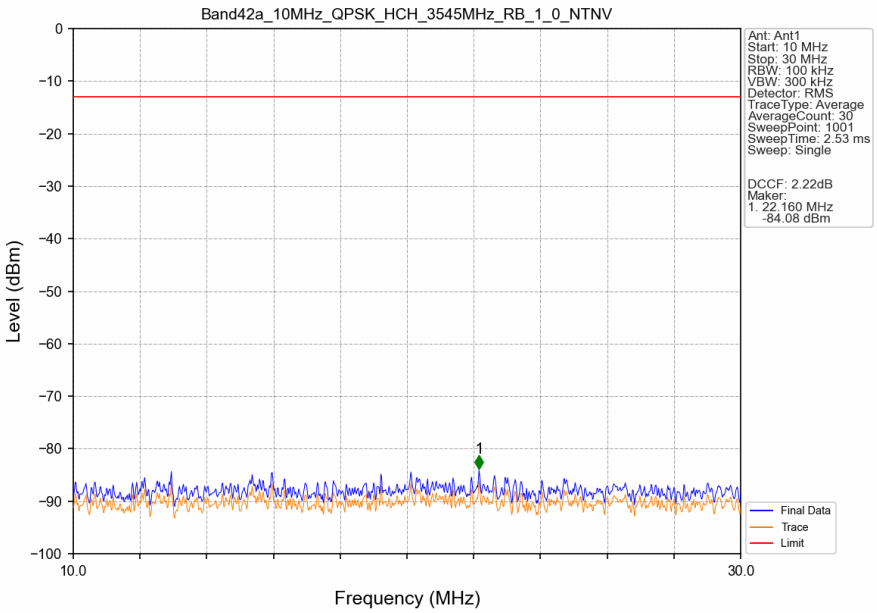
Band42a_10MHz_QPSK_HCH_3545MHz_RB_1_0_NTNV



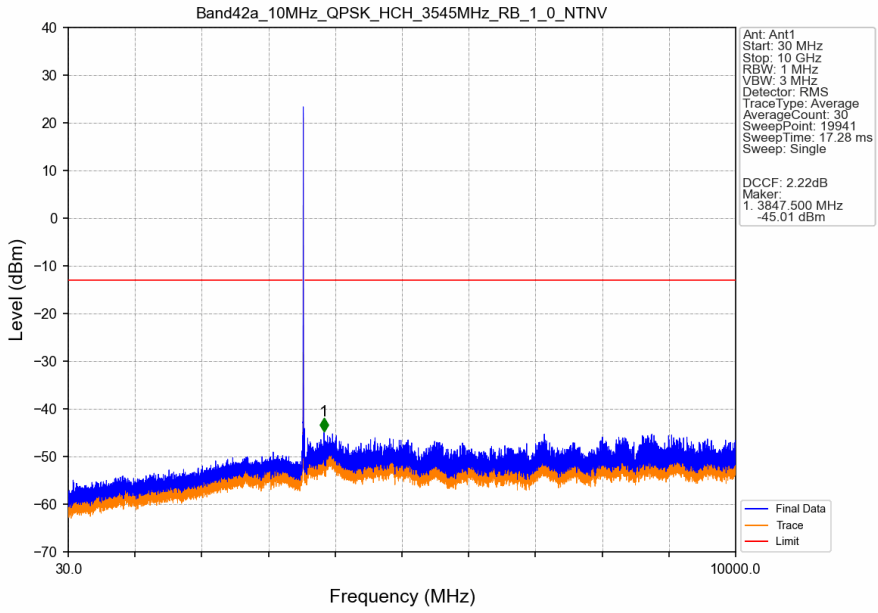
Band42a_10MHz_QPSK_HCH_3545MHz_RB_1_0_NTNV



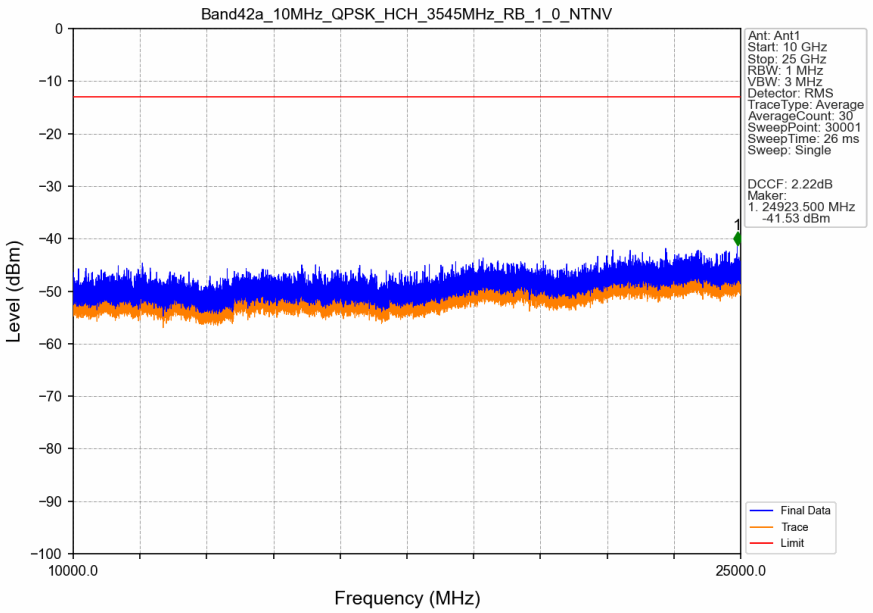
Band42a_10MHz_QPSK_HCH_3545MHz_RB_1_0_NTNV



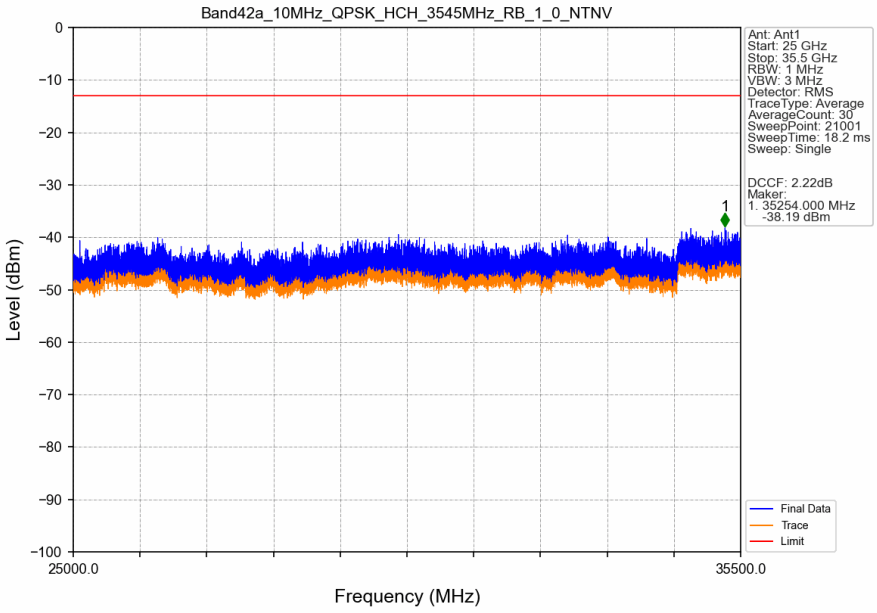
Band42a_10MHz_QPSK_HCH_3545MHz_RB_1_0_NTNV



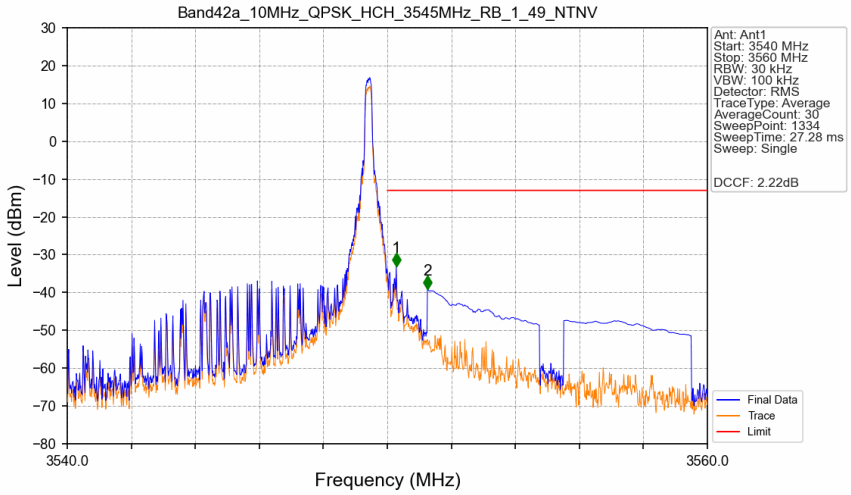
Band42a_10MHz_QPSK_HCH_3545MHz_RB_1_0_NTNV



Band42a_10MHz_QPSK_HCH_3545MHz_RB_1_0_NTNV

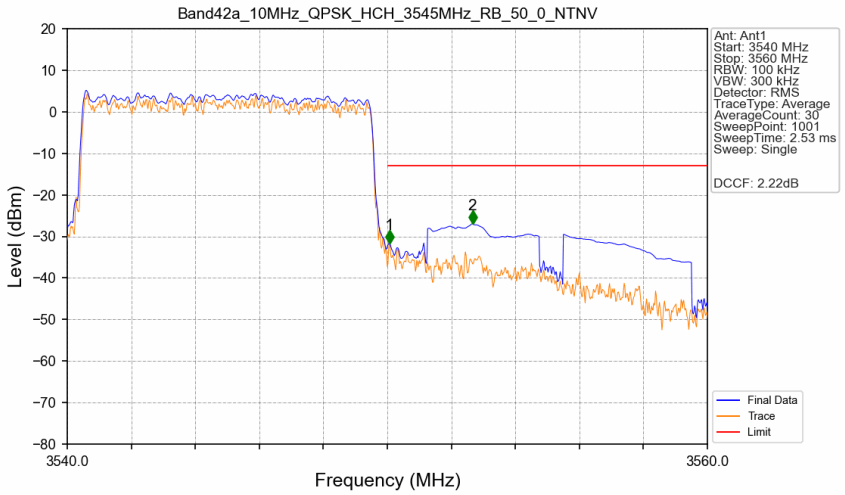


Band42a_10MHz_QPSK_HCH_3545MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3540	3550	0.03	/	/	/	/	/	/
3550	3551	0.03	/	1	3550.278	-32.99	-13	Pass
3551	3560	1	CHP	2	3551.253	-39.09	-13	Pass

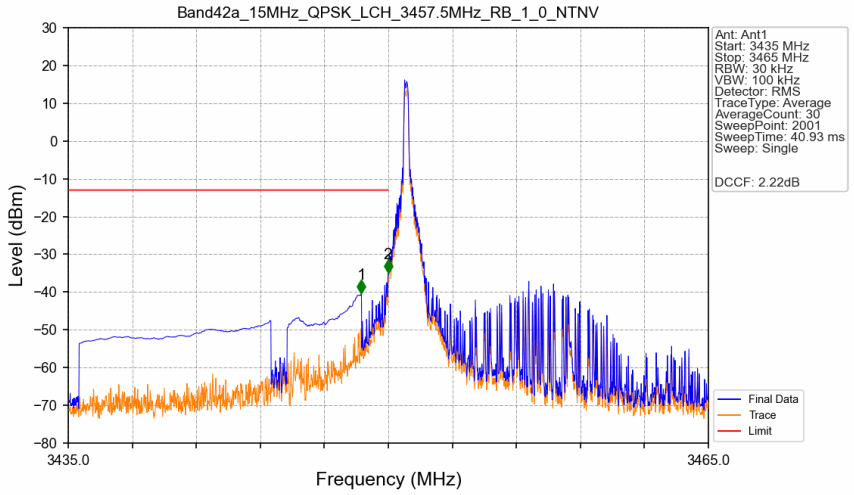
Band42a_10MHz_QPSK_HCH_3545MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3540	3550	0.102	CHP	/	/	/	/	/
3550	3551	0.102	CHP	1	3550.060	-31.65	-13	Pass
3551	3560	1	CHP	2	3552.660	-26.96	-13	Pass

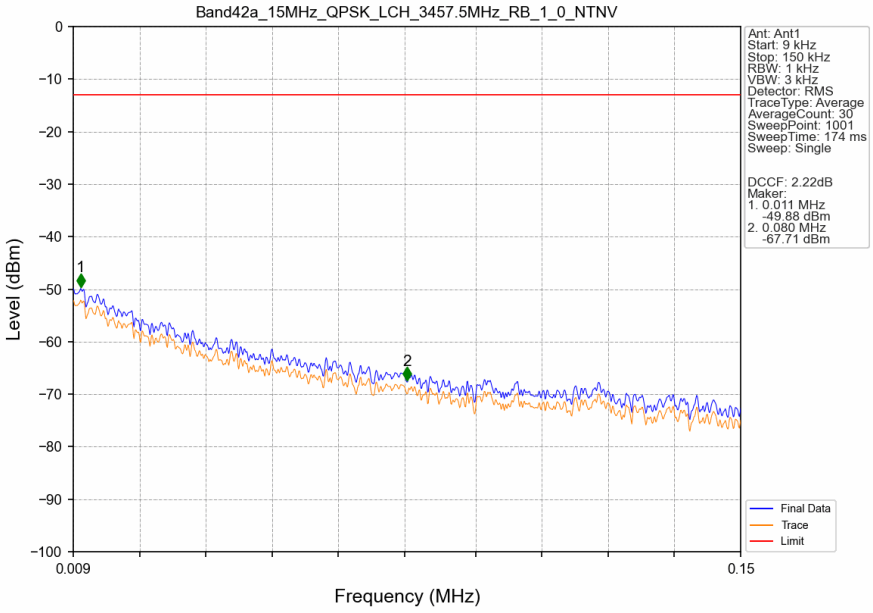
5.2.3 B42a_15MHz

Band42a_15MHz_QPSK_LCH_3457.5MHz_RB_1_0_NTNV

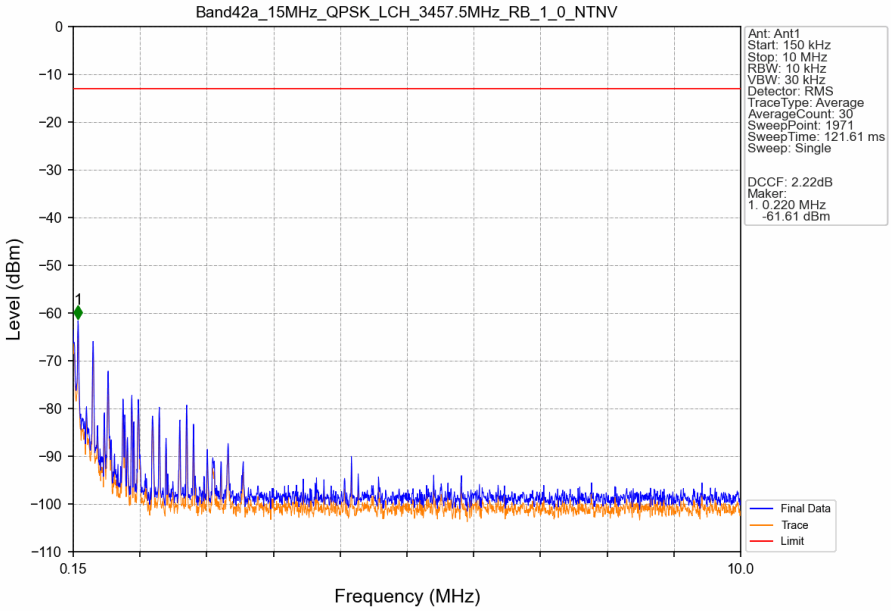


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3435	3449	0.5	CHP	1	3448.740	-40.25	-13	Pass
3449	3450	0.03	/	2	3449.985	-34.82	-13	Pass
3450	3465	0.03	/	/	/	/	/	/

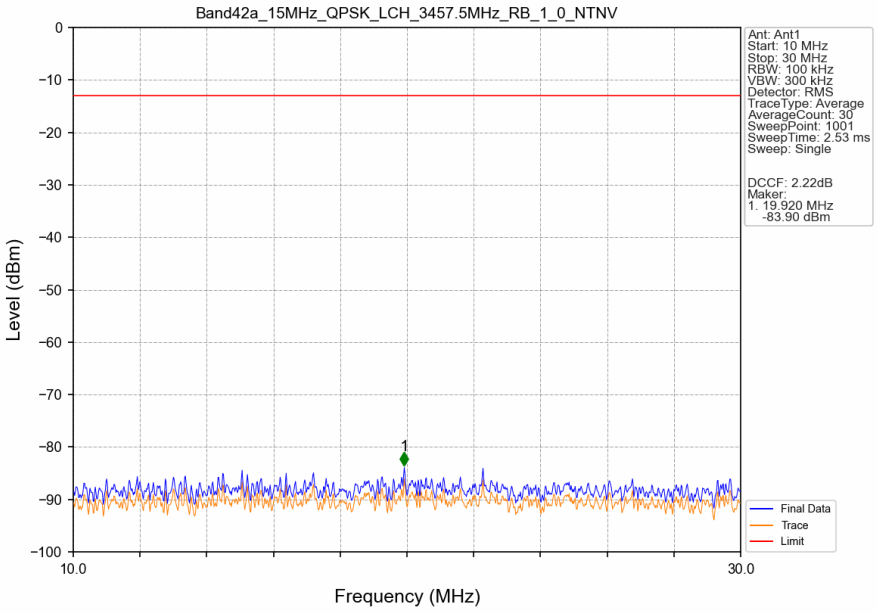
Band42a_15MHz_QPSK_LCH_3457.5MHz_RB_1_0_NTNV



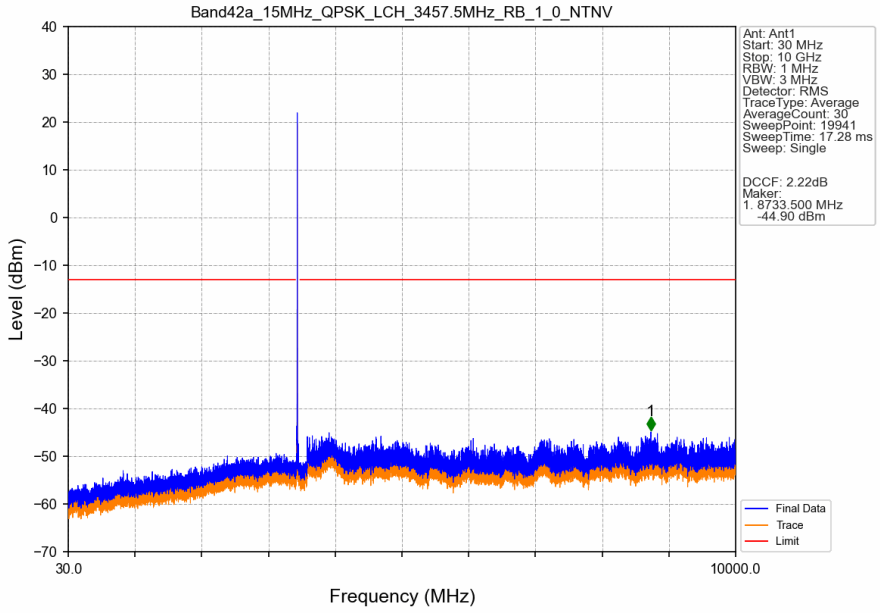
Band42a_15MHz_QPSK_LCH_3457.5MHz_RB_1_0_NTNV



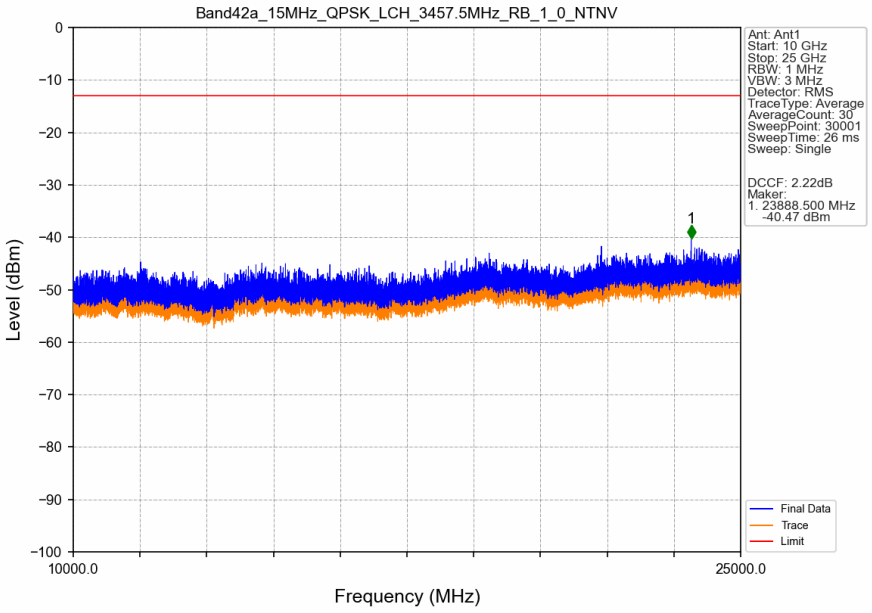
Band42a_15MHz_QPSK_LCH_3457.5MHz_RB_1_0_NTNV



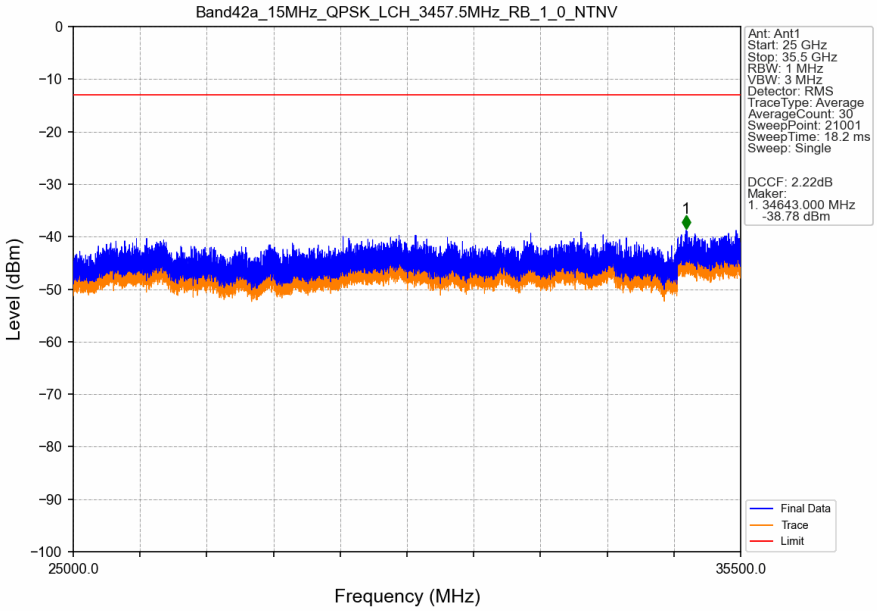
Band42a_15MHz_QPSK_LCH_3457.5MHz_RB_1_0_NTNV



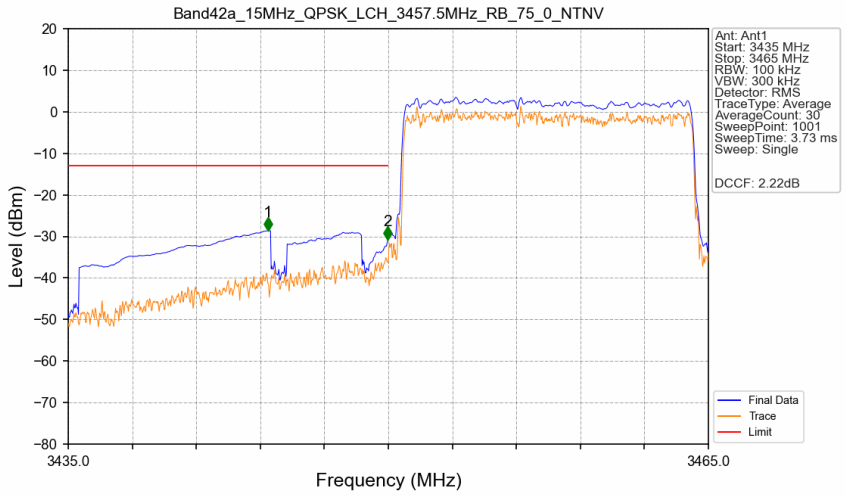
Band42a_15MHz_QPSK_LCH_3457.5MHz_RB_1_0_NTNV



Band42a_15MHz_QPSK_LCH_3457.5MHz_RB_1_0_NTNV

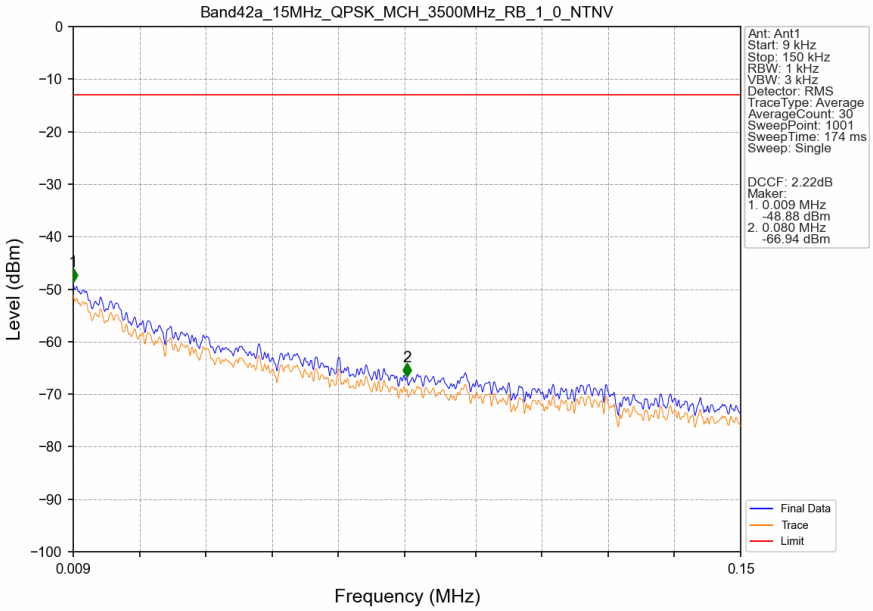


Band42a_15MHz_QPSK_LCH_3457.5MHz_RB_75_0_NTNV

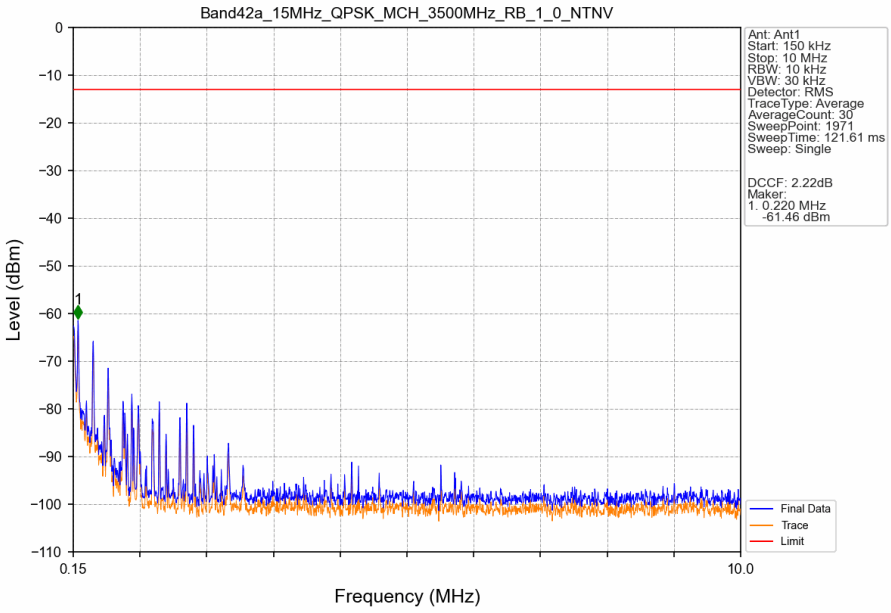


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3435	3449	0.5	CHP	1	3444.360	-28.61	-13	Pass
3449	3450	0.151	CHP	2	3449.970	-30.82	-13	Pass
3450	3465	0.151	CHP	/	/	/	/	/

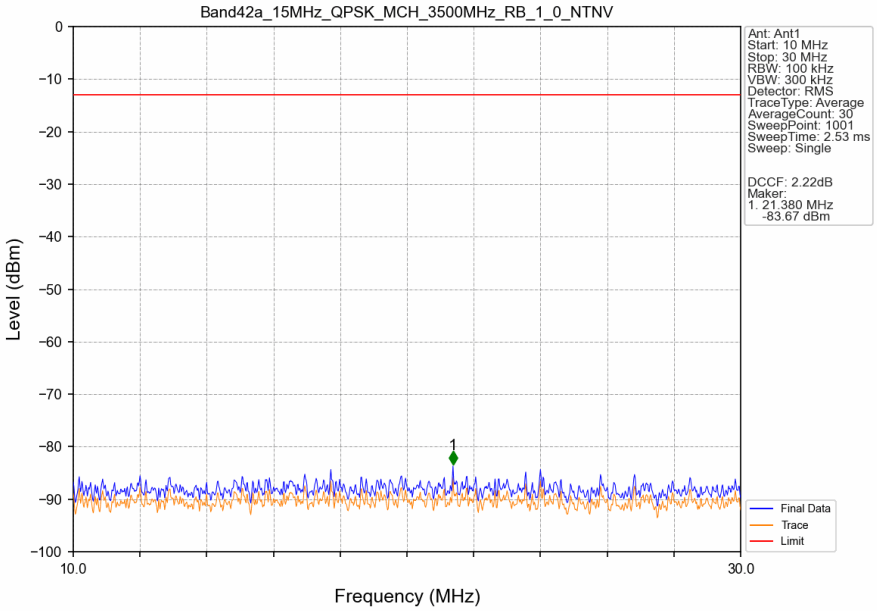
Band42a_15MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



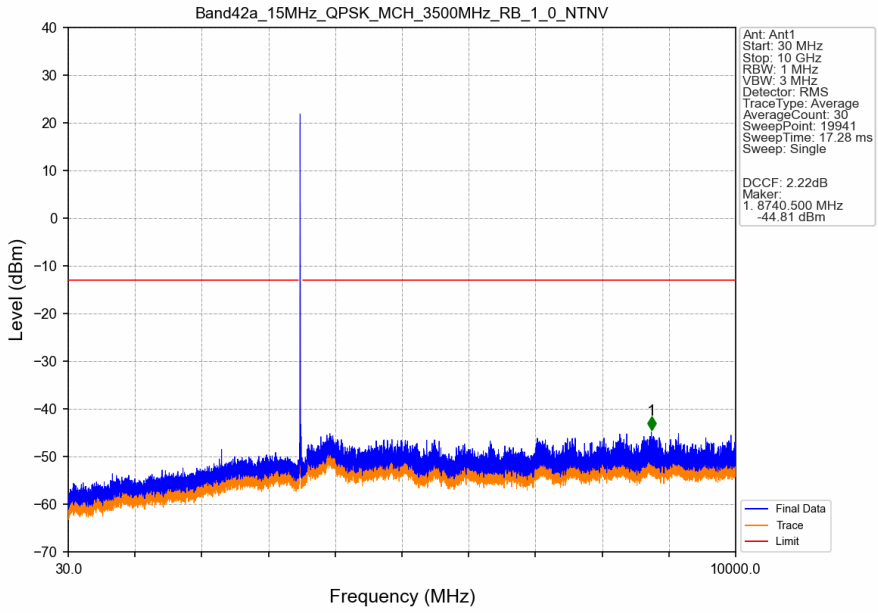
Band42a_15MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



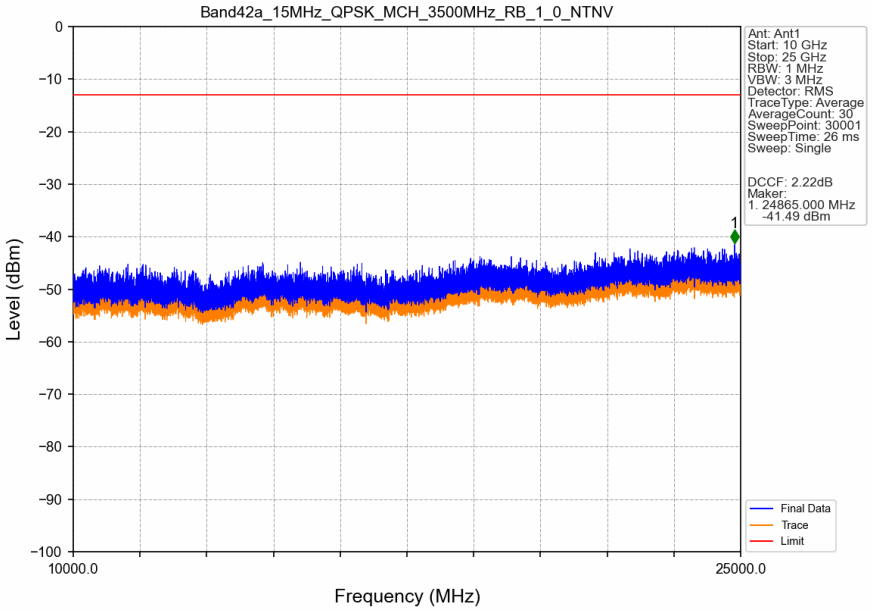
Band42a_15MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



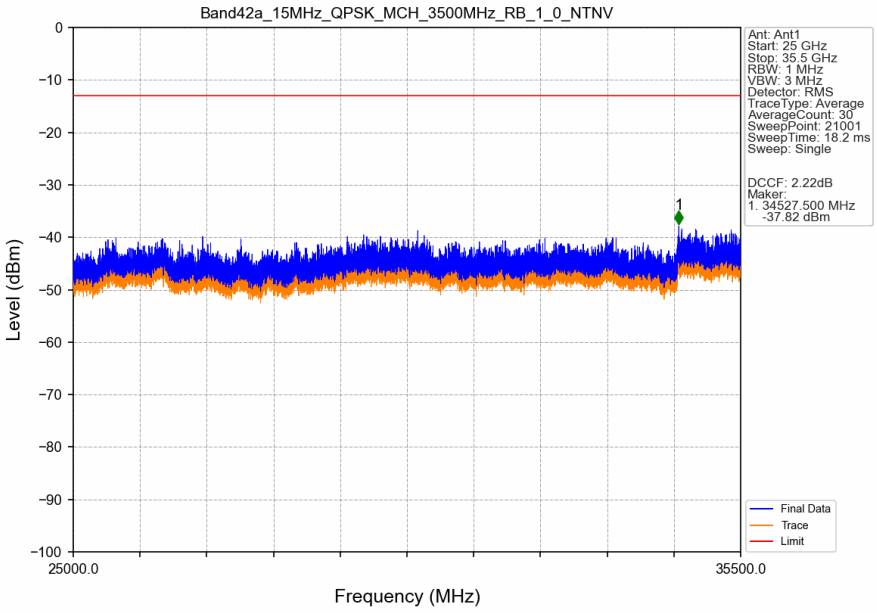
Band42a_15MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



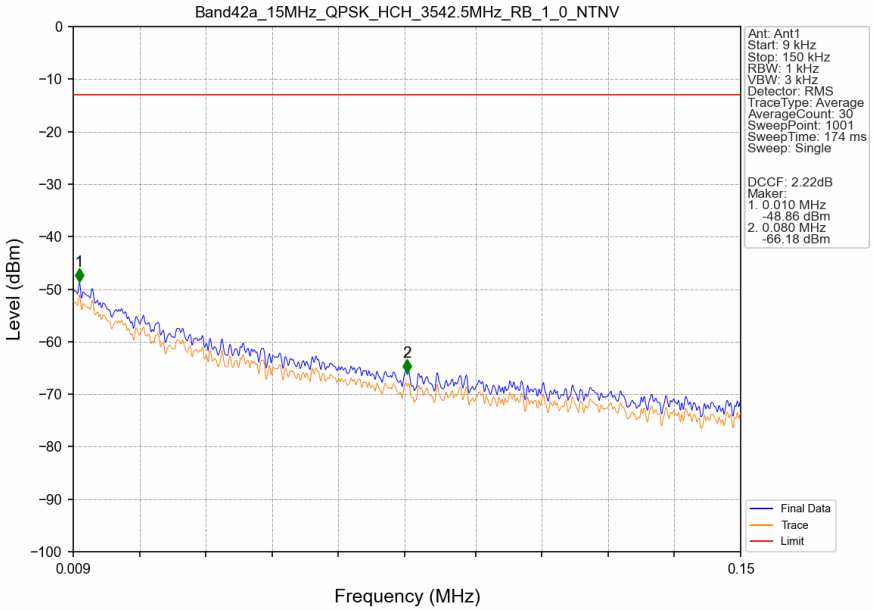
Band42a_15MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



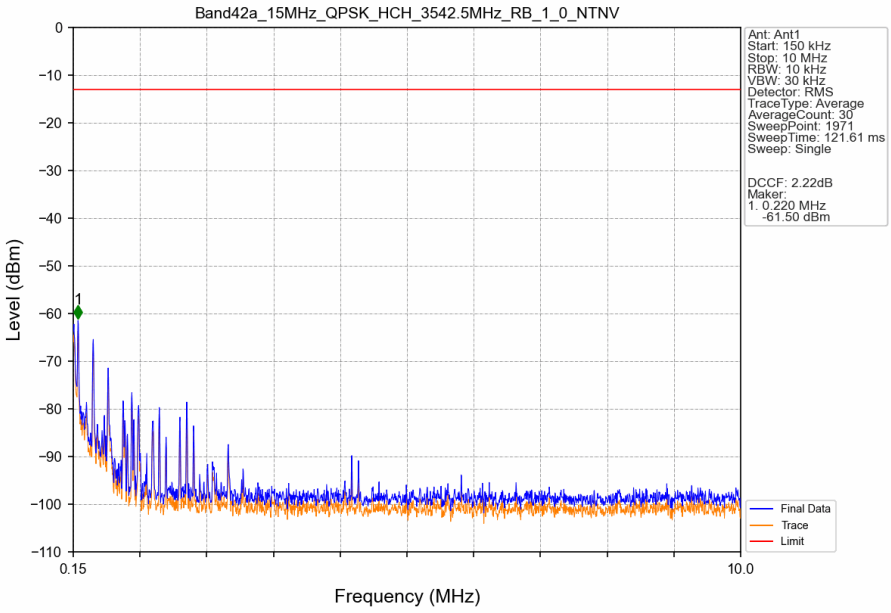
Band42a_15MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV

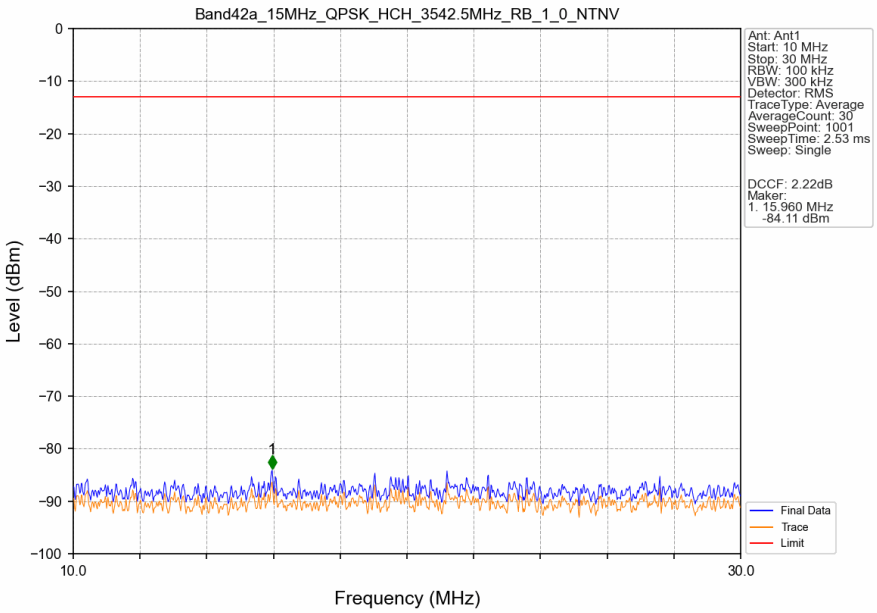


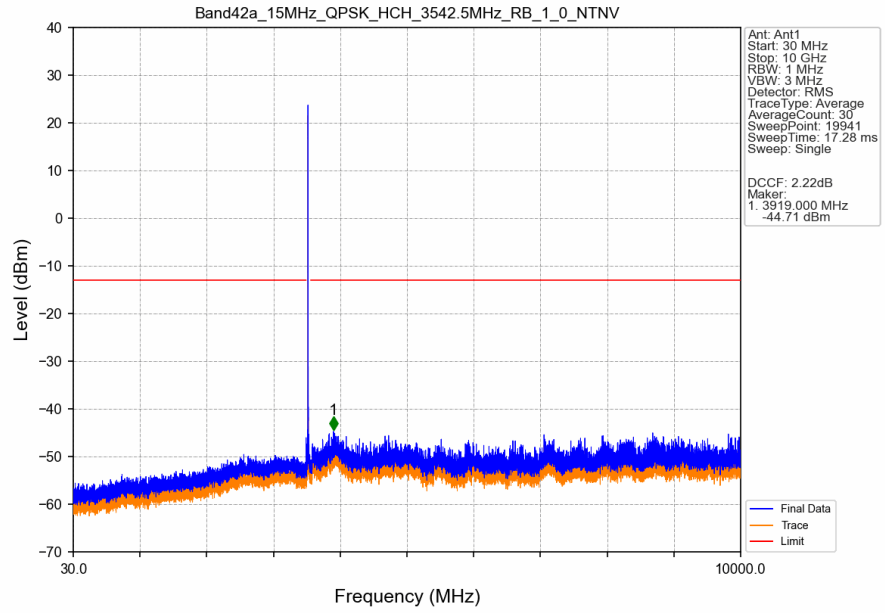
Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_1_0_NTNV



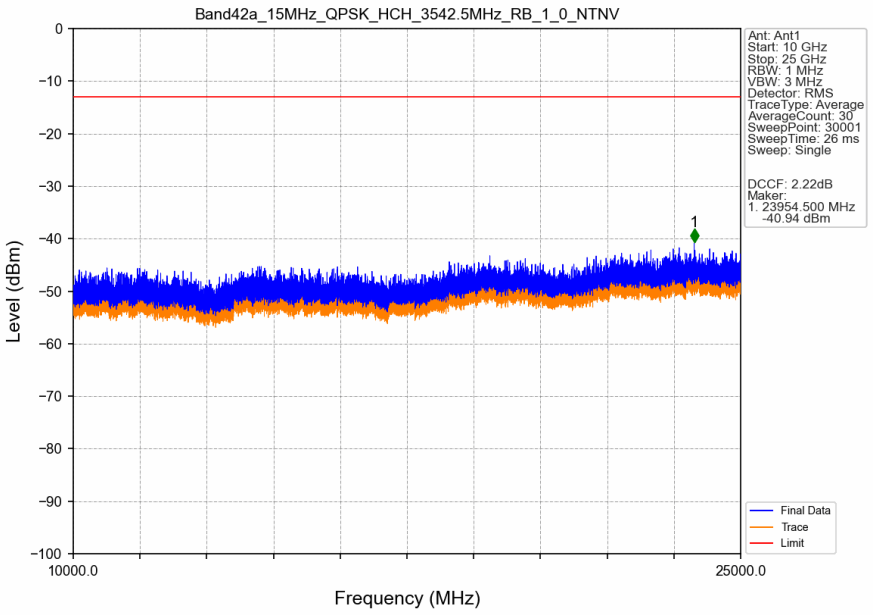
Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_1_0_NTNV



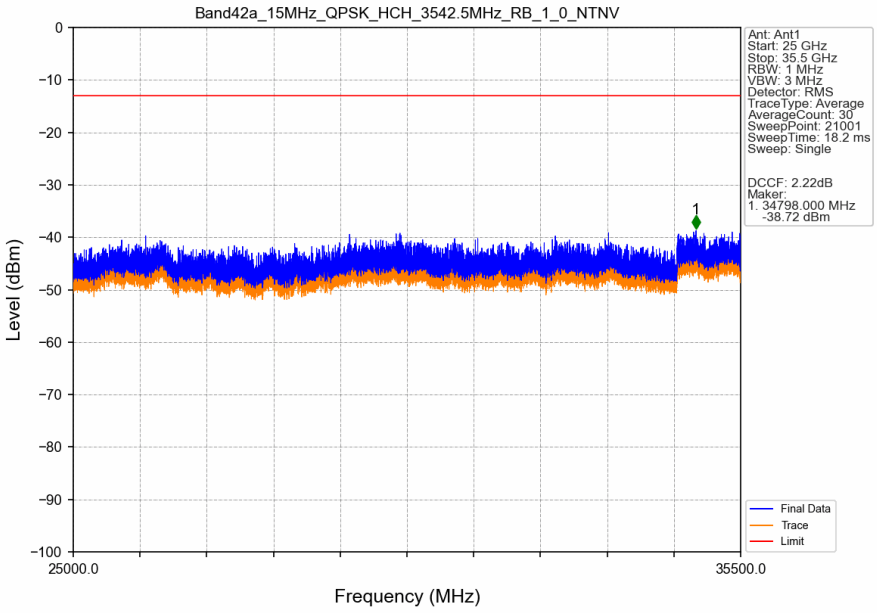
Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_1_0_NTNV


Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_1_0_NTNV


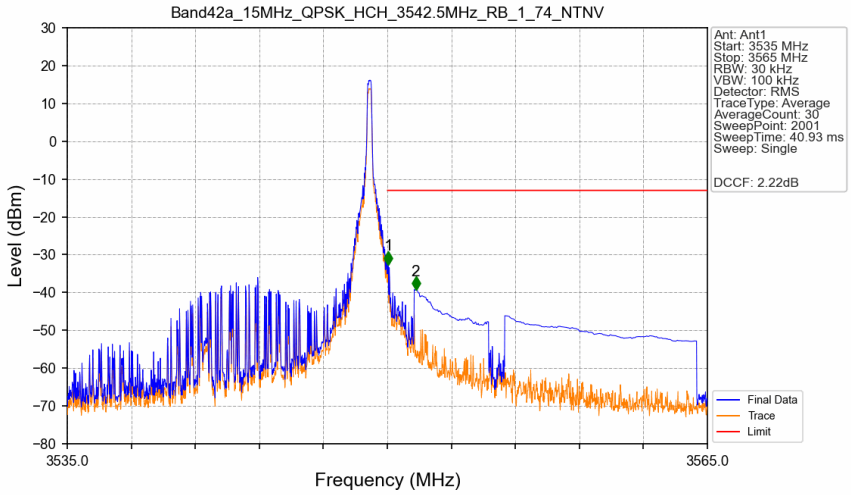
Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_1_0_NTNV



Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_1_0_NTNV

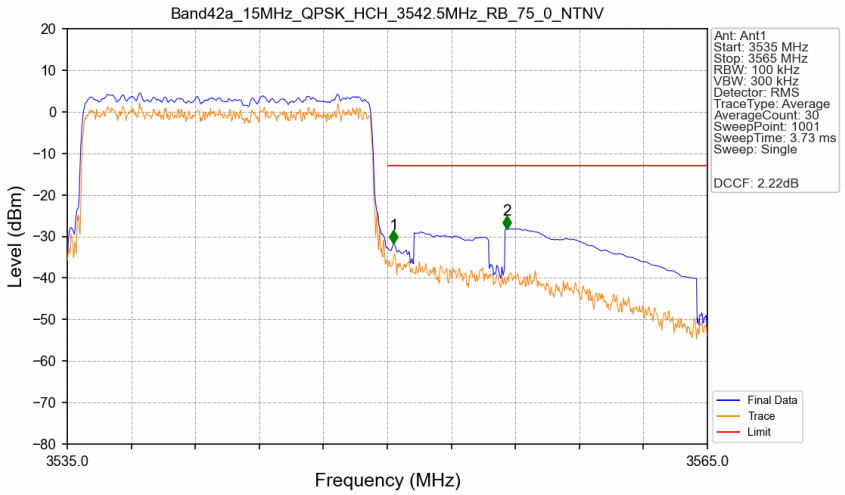


Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3535	3550	0.03	/	/	/	/	/	/
3550	3551	0.03	/	1	3550.045	-32.56	-13	Pass
3551	3565	1	CHP	2	3551.335	-39.20	-13	Pass

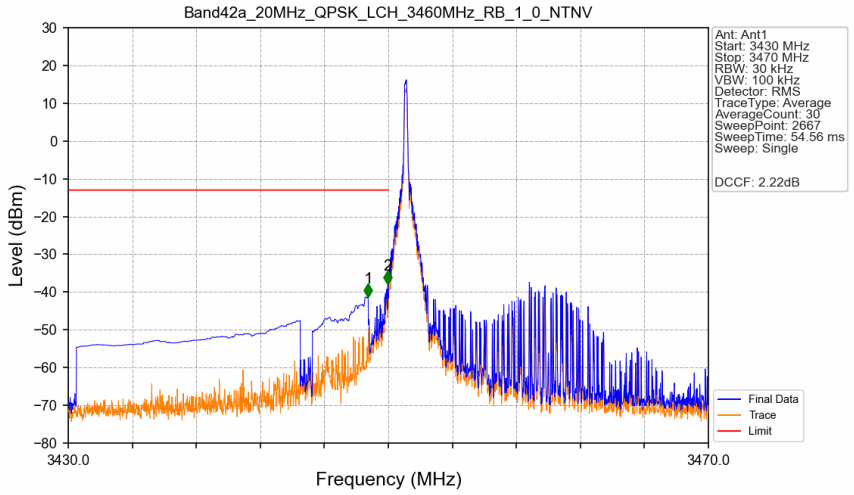
Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3535	3550	0.152	CHP	/	/	/	/	/
3550	3551	0.152	CHP	1	3550.300	-31.71	-13	Pass
3551	3565	1	CHP	2	3555.610	-28.14	-13	Pass

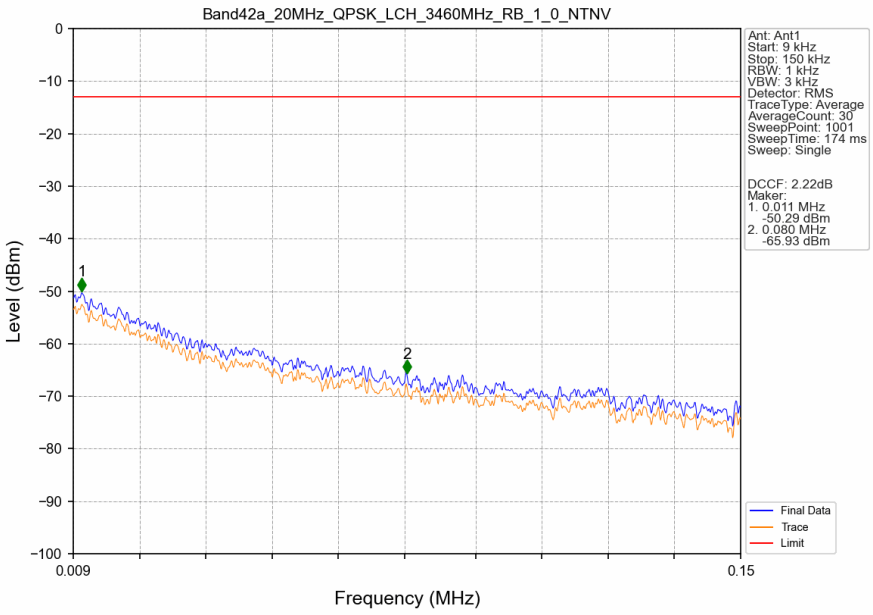
5.2.4 B42a_20MHz

Band42a_20MHz_QPSK_LCH_3460MHz_RB_1_0_NTNV

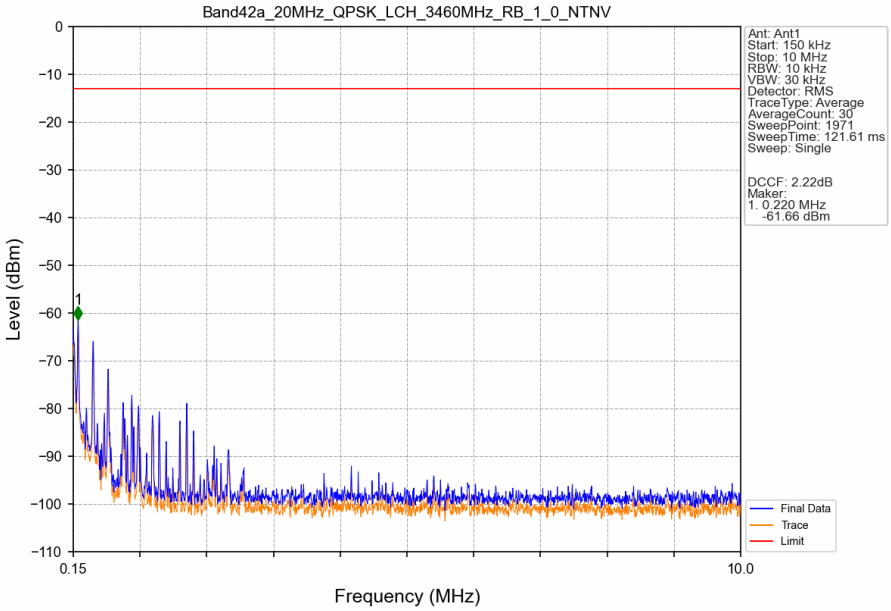


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3430	3449	0.5	CHP	1	3448.740	-41.27	-13	Pass
3449	3450	0.03	/	2	3449.970	-37.92	-13	Pass
3450	3470	0.03	/	/	/	/	/	/

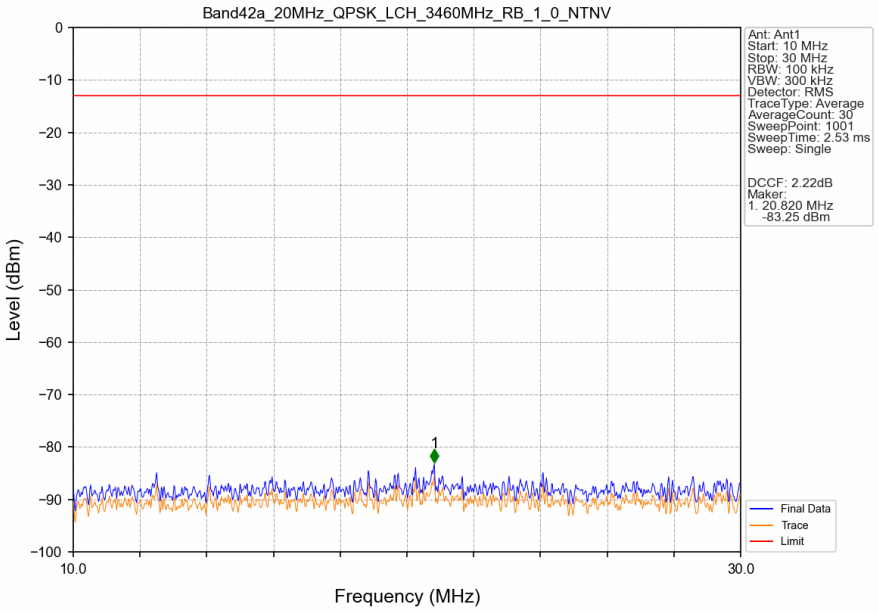
Band42a_20MHz_QPSK_LCH_3460MHz_RB_1_0_NTNV



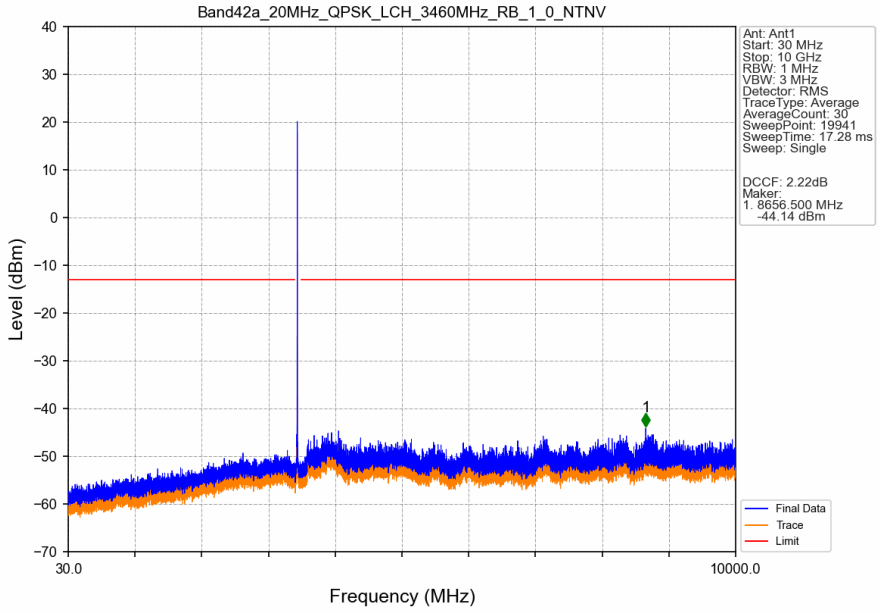
Band42a_20MHz_QPSK_LCH_3460MHz_RB_1_0_NTNV



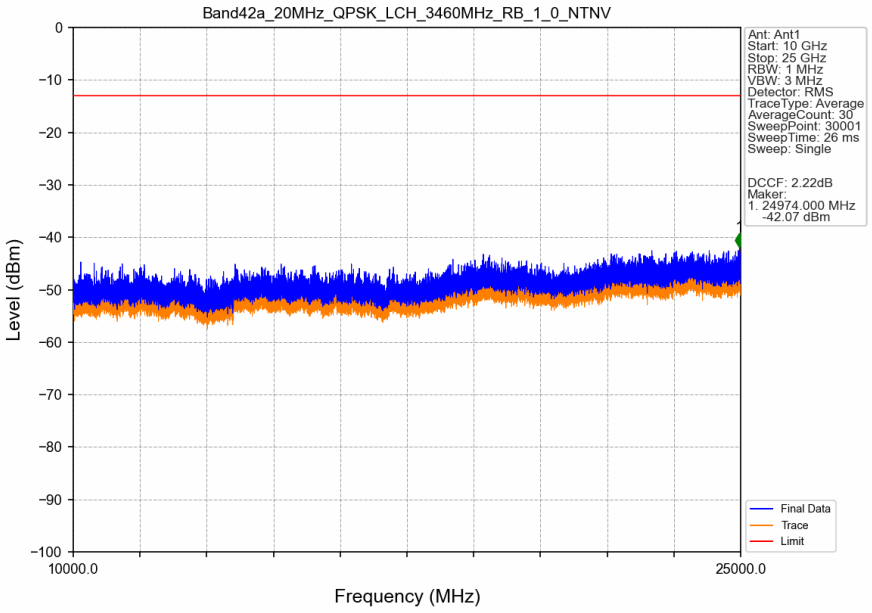
Band42a_20MHz_QPSK_LCH_3460MHz_RB_1_0_NTNV



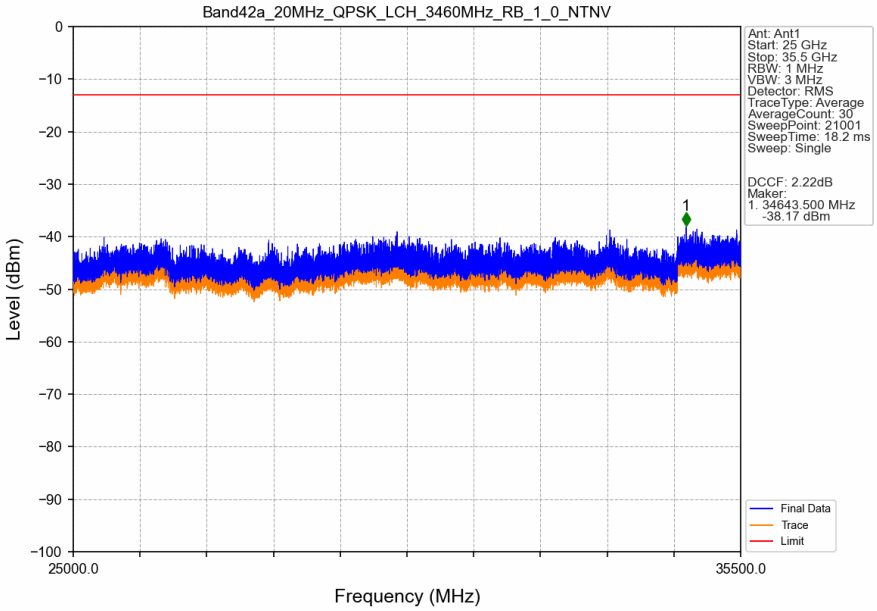
Band42a_20MHz_QPSK_LCH_3460MHz_RB_1_0_NTNV



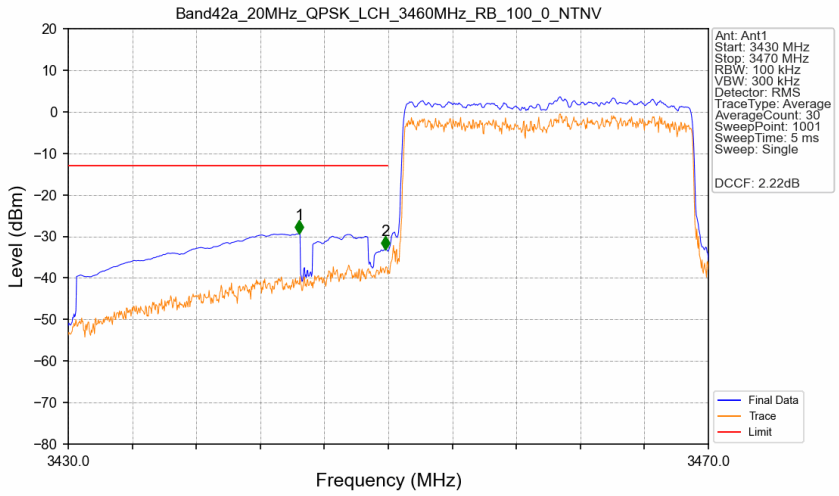
Band42a_20MHz_QPSK_LCH_3460MHz_RB_1_0_NTNV



Band42a_20MHz_QPSK_LCH_3460MHz_RB_1_0_NTNV

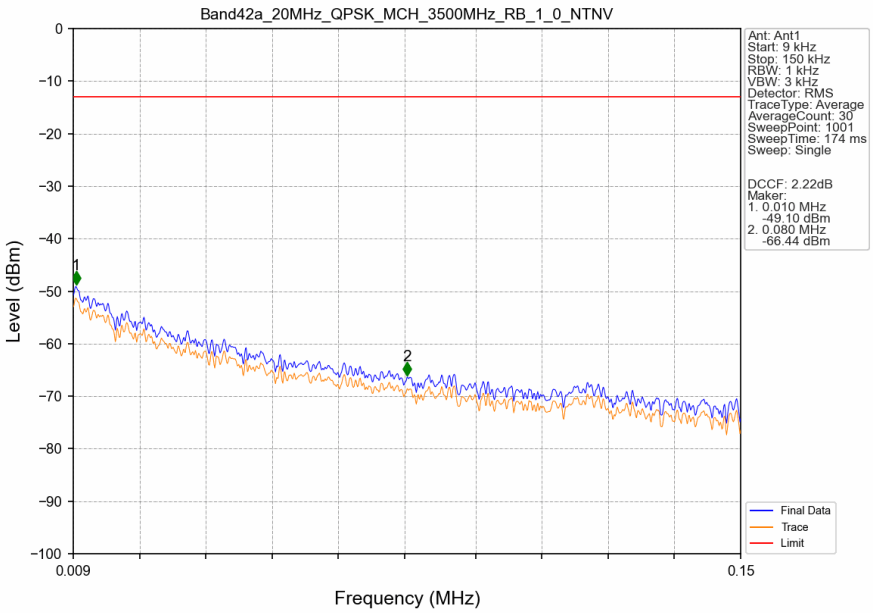


Band42a_20MHz_QPSK_LCH_3460MHz_RB_100_0_NTNV

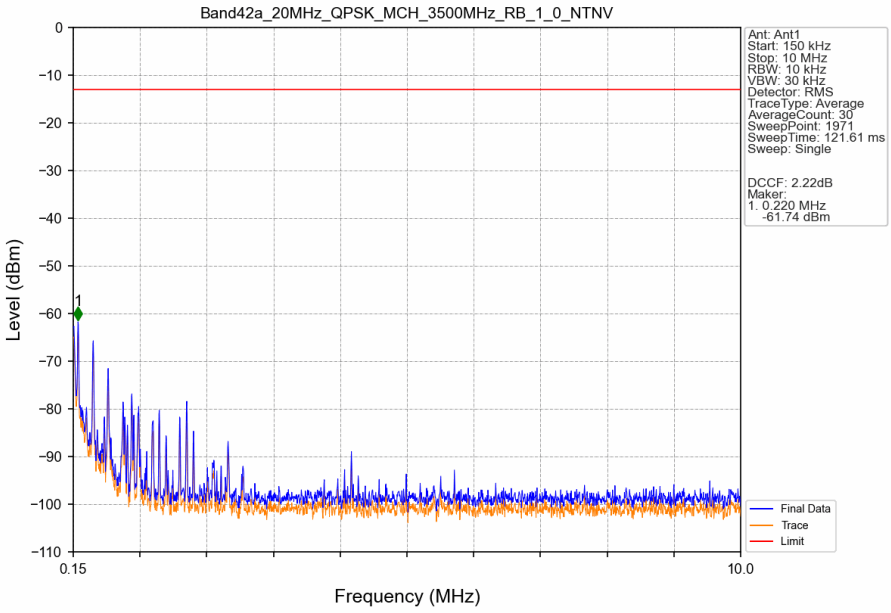


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3430	3449	0.5	CHP	1	3444.440	-29.28	-13	Pass
3449	3450	0.199	CHP	2	3449.800	-33.17	-13	Pass
3450	3470	0.199	CHP	/	/	/	/	/

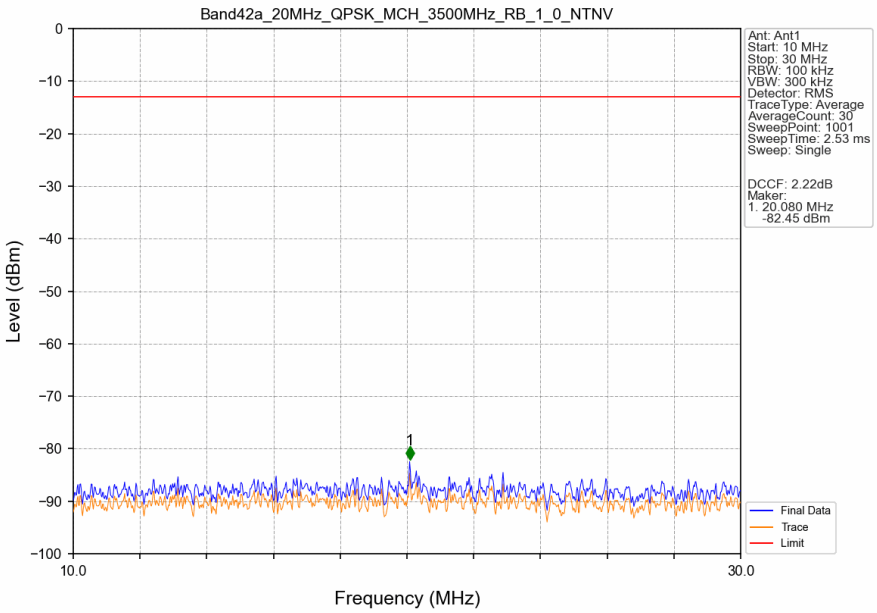
Band42a_20MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



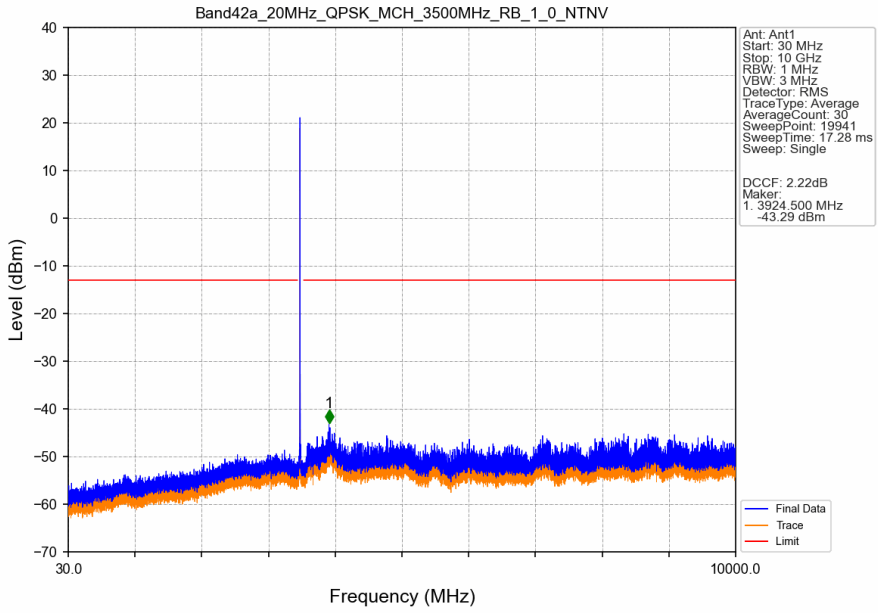
Band42a_20MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



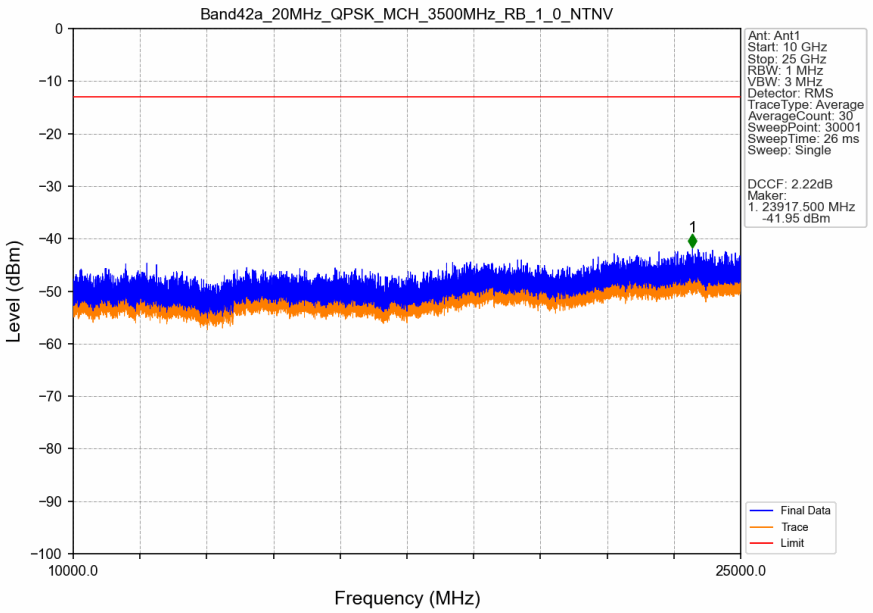
Band42a_20MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



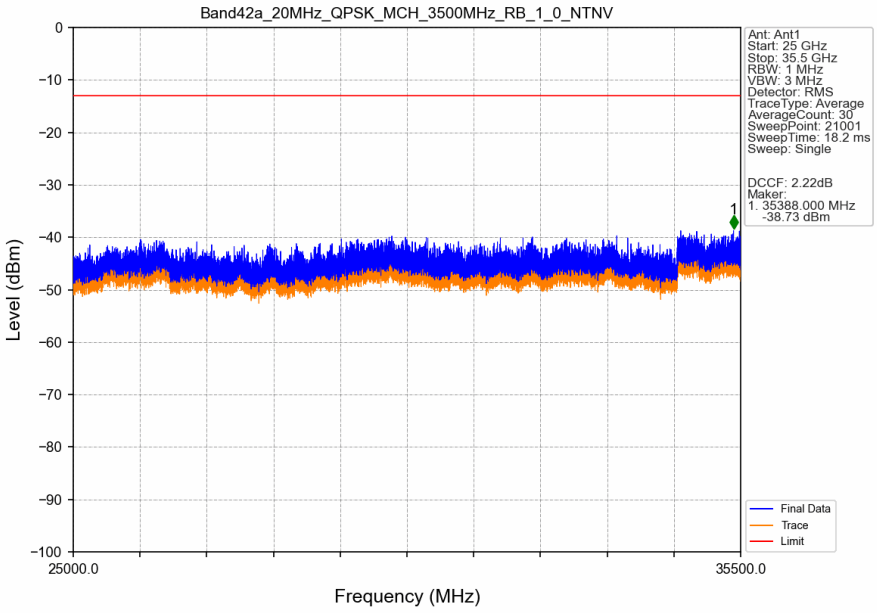
Band42a_20MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



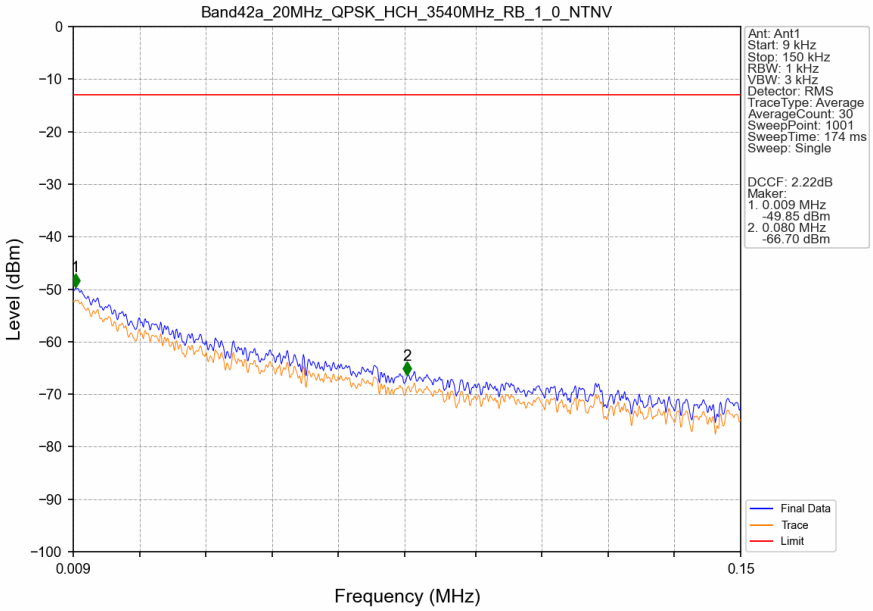
Band42a_20MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



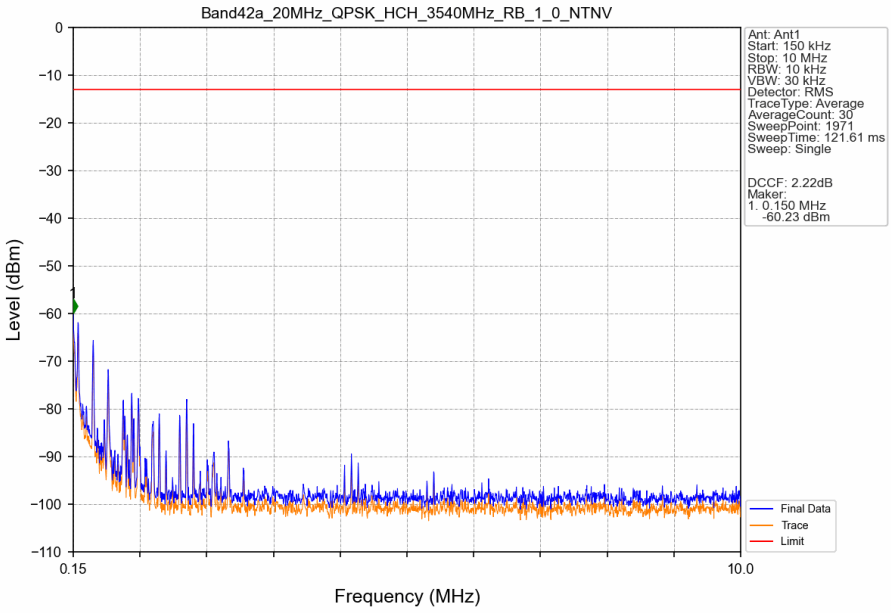
Band42a_20MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



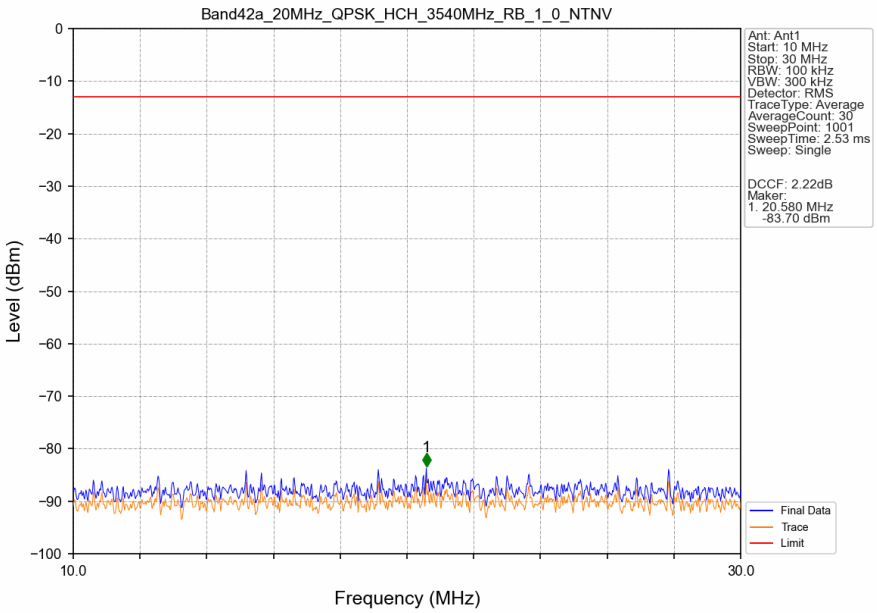
Band42a_20MHz_QPSK_HCH_3540MHz_RB_1_0_NTNV



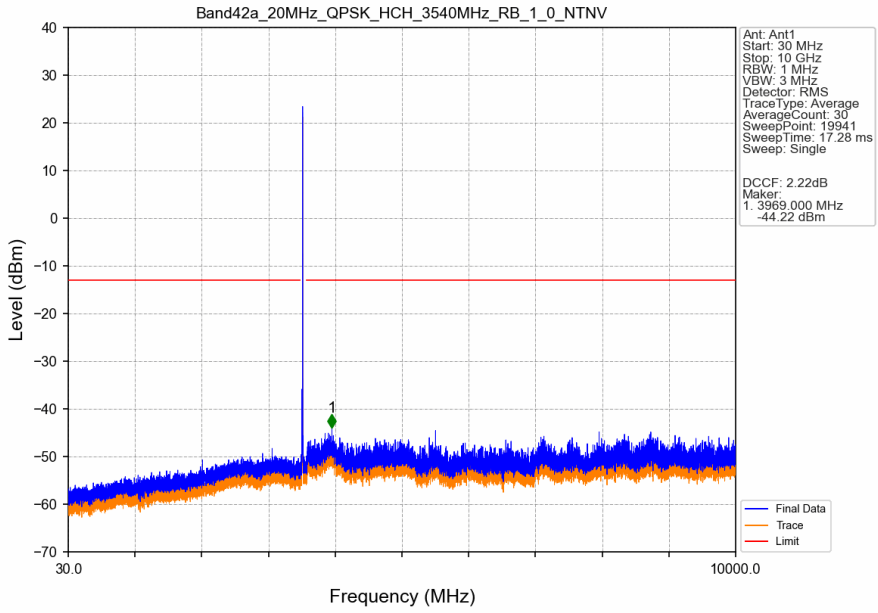
Band42a_20MHz_QPSK_HCH_3540MHz_RB_1_0_NTNV



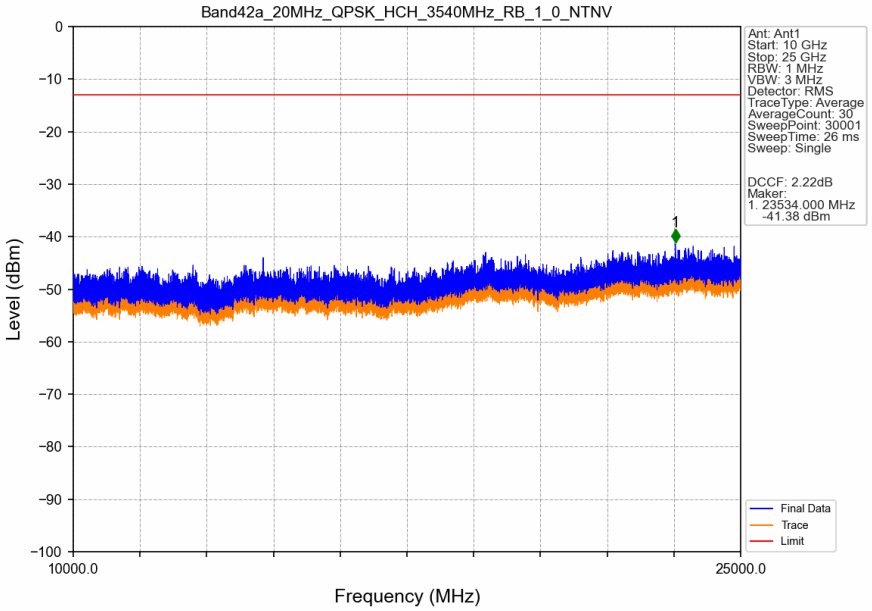
Band42a_20MHz_QPSK_HCH_3540MHz_RB_1_0_NTNV



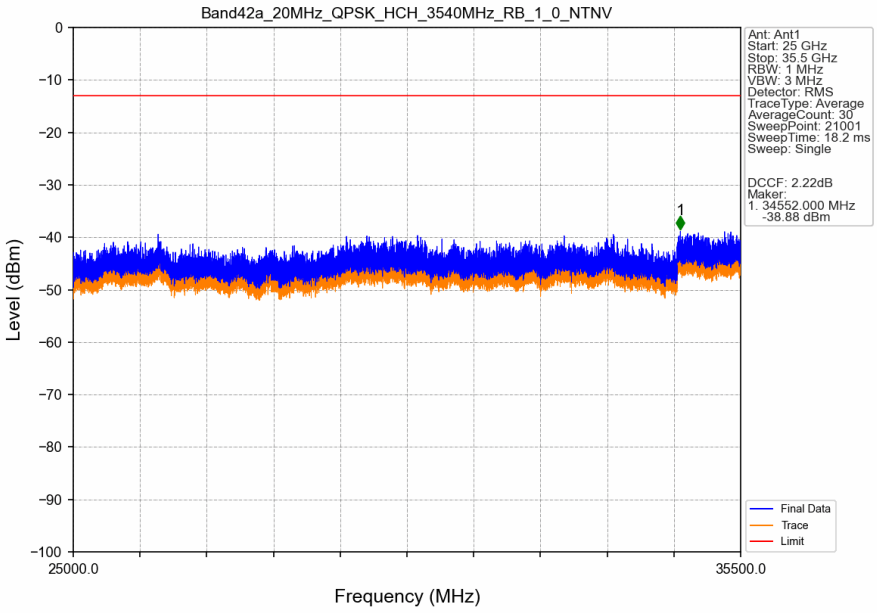
Band42a_20MHz_QPSK_HCH_3540MHz_RB_1_0_NTNV



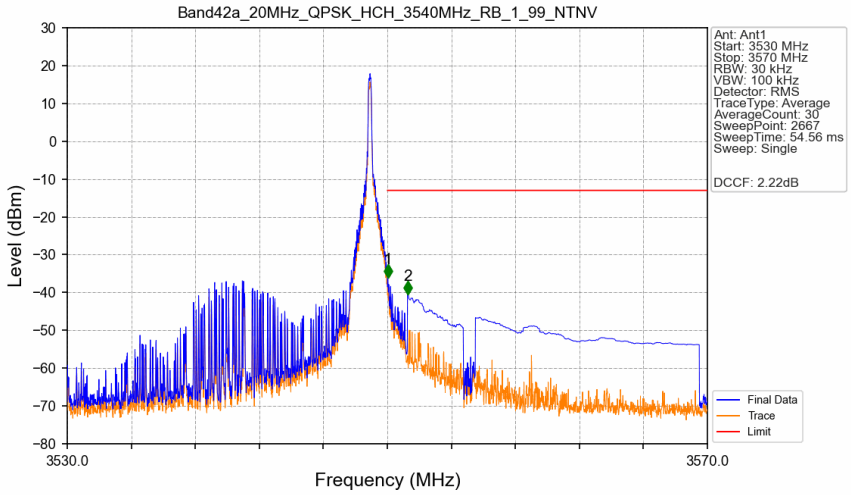
Band42a_20MHz_QPSK_HCH_3540MHz_RB_1_0_NTNV



Band42a_20MHz_QPSK_HCH_3540MHz_RB_1_0_NTNV

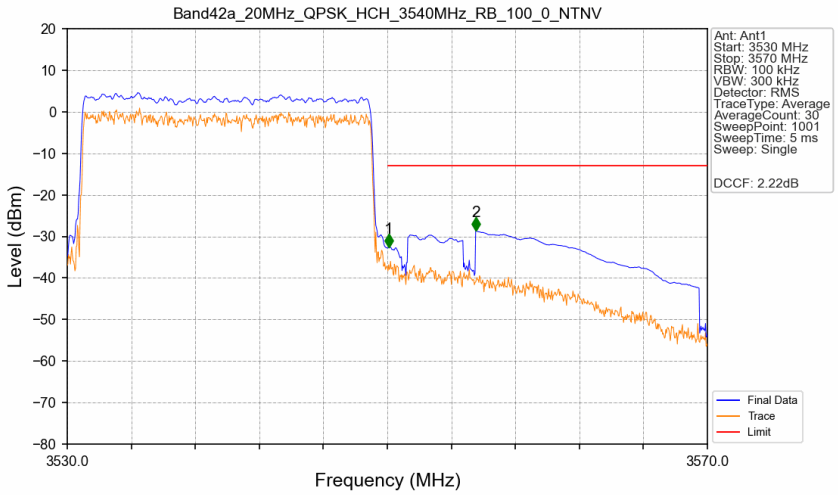


Band42a_20MHz_QPSK_HCH_3540MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3530	3550	0.03	/	/	/	/	/	/
3550	3551	0.03	/	1	3550.030	-35.97	-13	Pass
3551	3570	1	CHP	2	3551.290	-40.52	-13	Pass

Band42a_20MHz_QPSK_HCH_3540MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3530	3550	0.2	CHP	/	/	/	/	/
3550	3551	0.2	CHP	1	3550.080	-32.56	-13	Pass
3551	3570	1	CHP	2	3555.520	-28.54	-13	Pass

6. Adjacent Channel Leakage Ratio

6.1 Test Result

6.1.1 B42a_5MHz

Band: 42a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3452.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3547.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	3452.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3547.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.2 B42a_10MHz

Band: 42a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3455	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3545	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	3455	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3545	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.3 B42a_15MHz

Band: 42a / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3457.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3542.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	3457.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3542.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

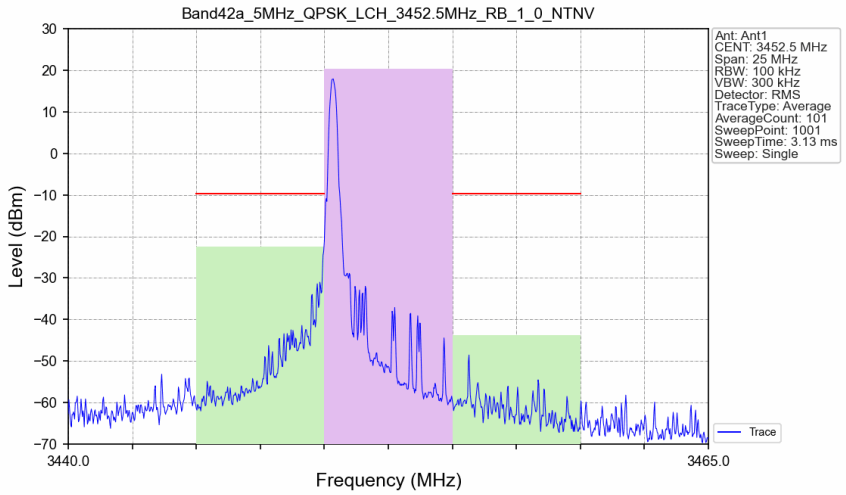
6.1.4 B42a_20MHz

Band: 42a / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3460	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3540	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	3460	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3540	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

6.2 Test Graph

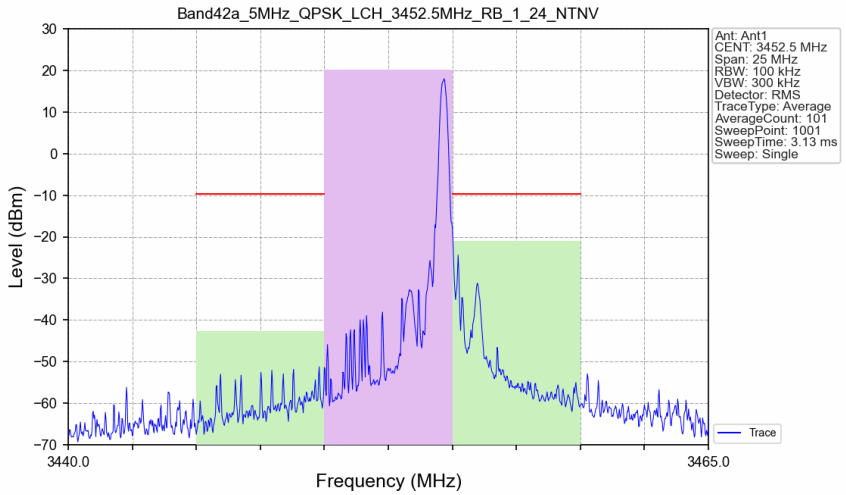
6.2.1 B42a_5MHz

Band42a_5MHz_QPSK_LCH_3452.5MHz_RB_1_0_NTNV



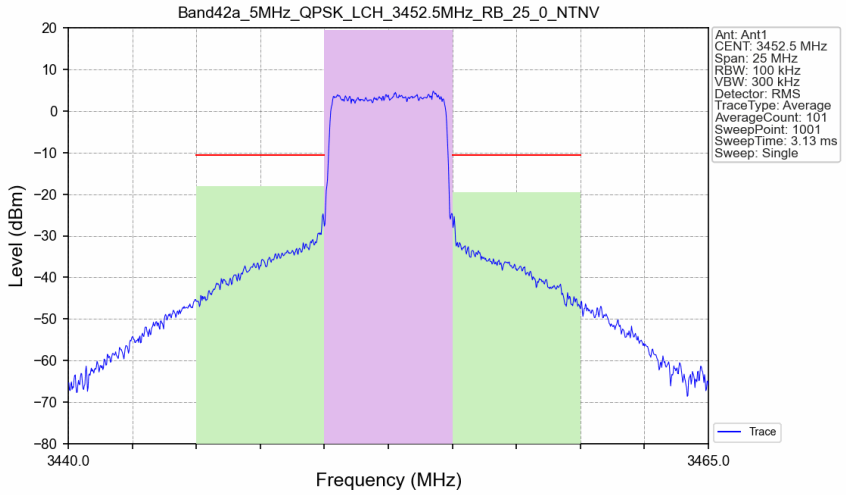
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	20.28	/	/	/	/
Adjacent	-5	5.00	-22.43	-42.71	-30	12.71	Pass
Adjacent	5	5.00	-43.77	-64.05	-30	34.05	Pass

Band42a_5MHz_QPSK_LCH_3452.5MHz_RB_1_24_NTNV



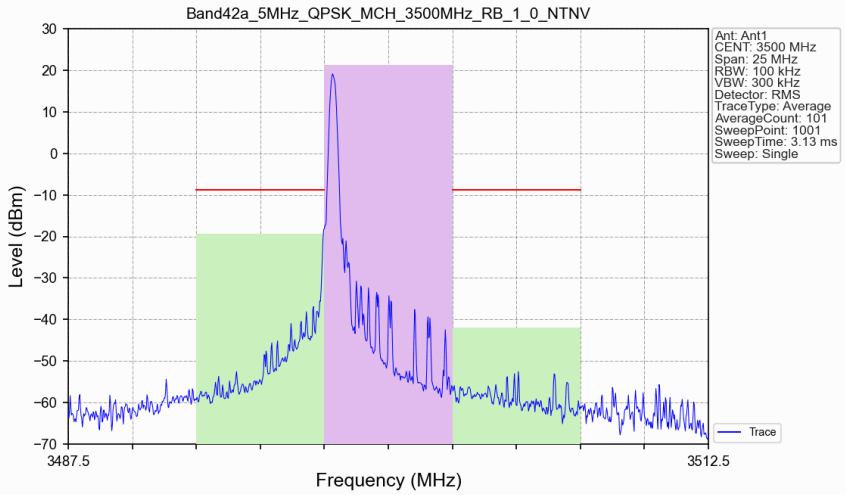
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	20.22	/	/	/	/
Adjacent	-5	5.00	-42.73	-62.95	-30	32.95	Pass
Adjacent	5	5.00	-21.03	-41.25	-30	11.25	Pass

Band42a_5MHz_QPSK_LCH_3452.5MHz_RB_25_0_NTNV



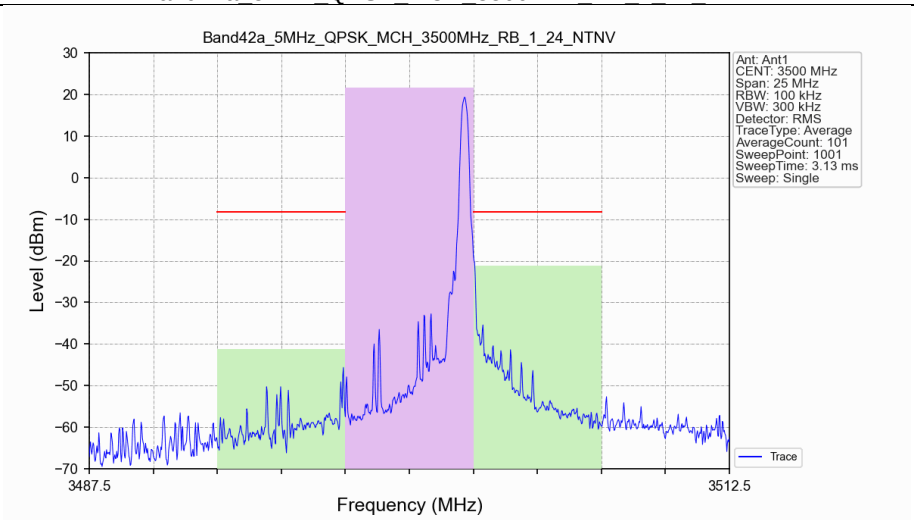
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	19.39	/	/	/	/
Adjacent	-5	5.00	-18.15	-37.54	-30	7.54	Pass
Adjacent	5	5.00	-19.47	-38.86	-30	8.86	Pass

Band42a_5MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



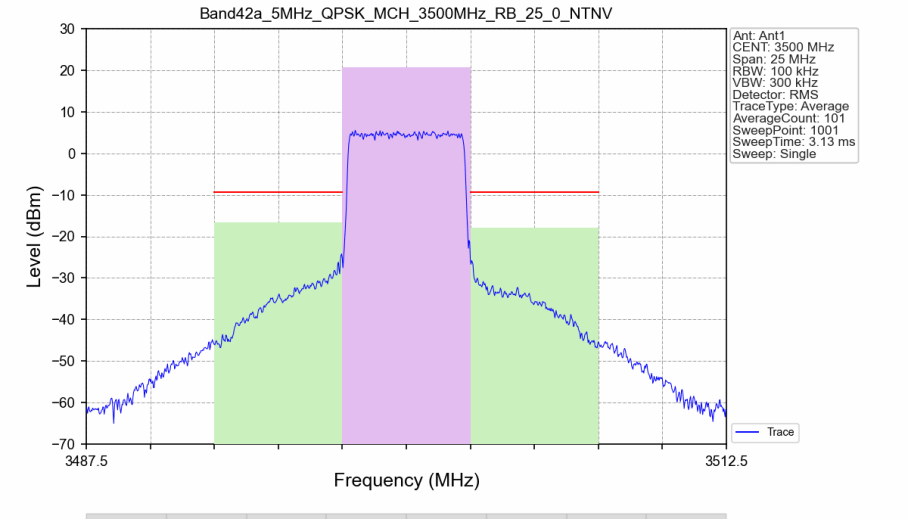
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	21.19	/	/	/	/
Adjacent	-5	5.00	-19.45	-40.64	-30	10.64	Pass
Adjacent	5	5.00	-42.01	-63.20	-30	33.20	Pass

Band42a_5MHz_QPSK_MCH_3500MHz_RB_1_24_NTNV



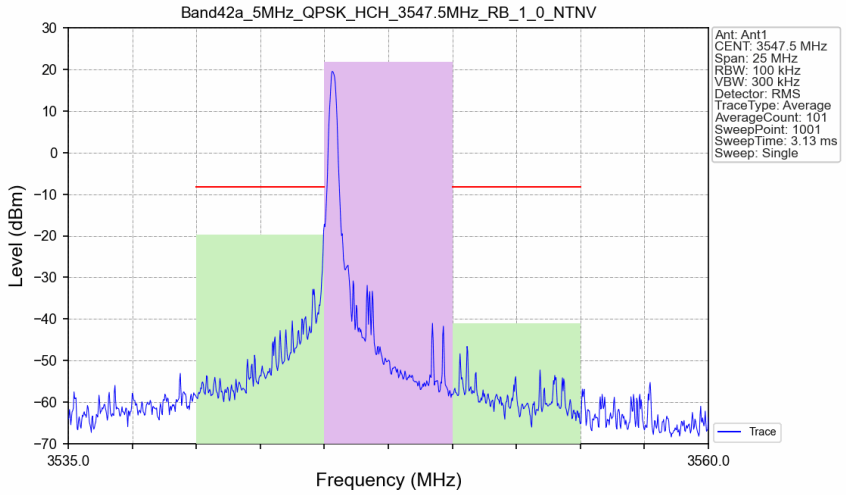
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	21.67	/	/	/	/
Adjacent	-5	5.00	-41.30	-62.97	-30	32.97	Pass
Adjacent	5	5.00	-21.18	-42.85	-30	12.85	Pass

Band42a_5MHz_QPSK_MCH_3500MHz_RB_25_0_NTNV



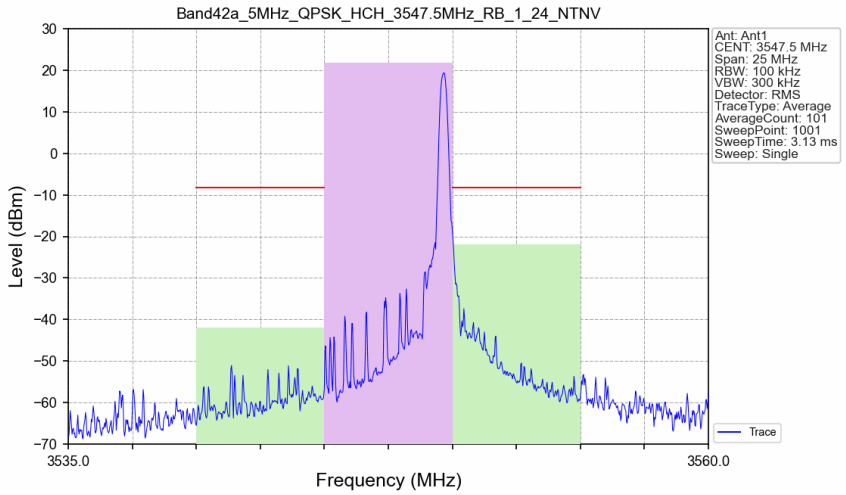
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	20.74	/	/	/	/
Adjacent	-5	5.00	-16.63	-37.37	-30	7.37	Pass
Adjacent	5	5.00	-17.92	-38.66	-30	8.66	Pass

Band42a_5MHz_QPSK_HCH_3547.5MHz_RB_1_0_NTNV



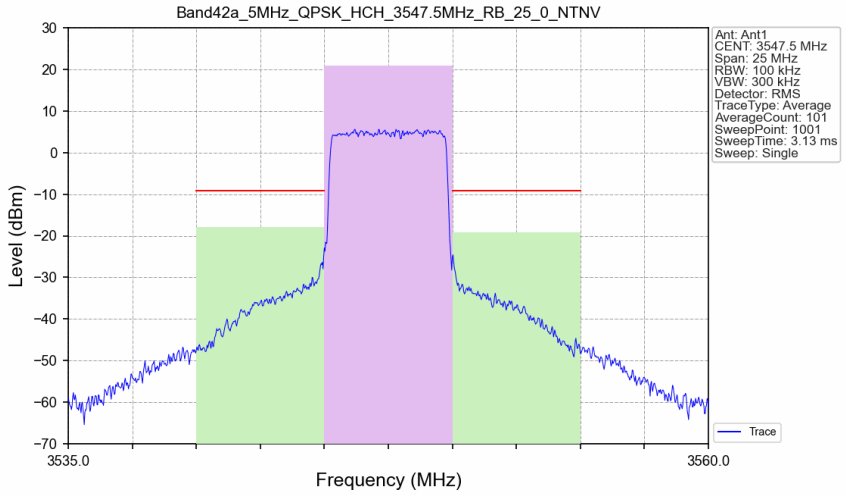
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	21.72	/	/	/	/
Adjacent	-5	5.00	-19.78	-41.50	-30	11.50	Pass
Adjacent	5	5.00	-41.09	-62.81	-30	32.81	Pass

Band42a_5MHz_QPSK_HCH_3547.5MHz_RB_1_24_NTNV



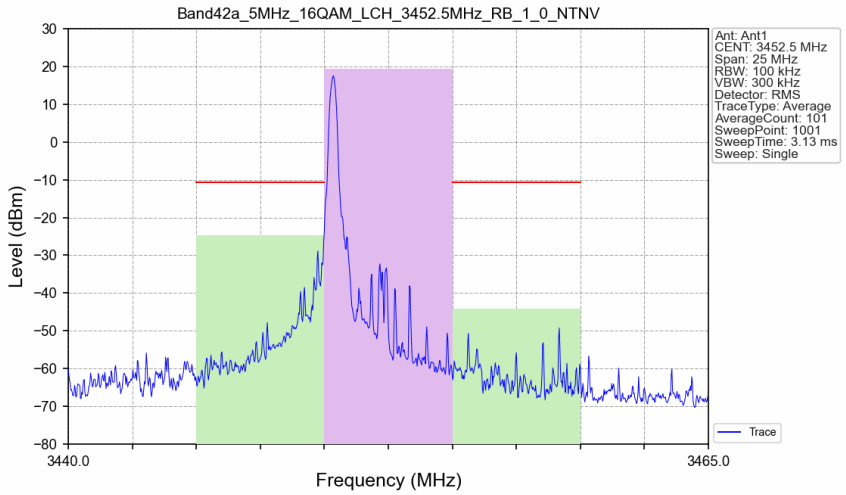
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	21.83	/	/	/	/
Adjacent	-5	5.00	-41.98	-63.81	-30	33.81	Pass
Adjacent	5	5.00	-21.87	-43.70	-30	13.70	Pass

Band42a_5MHz_QPSK_HCH_3547.5MHz_RB_25_0_NTNV



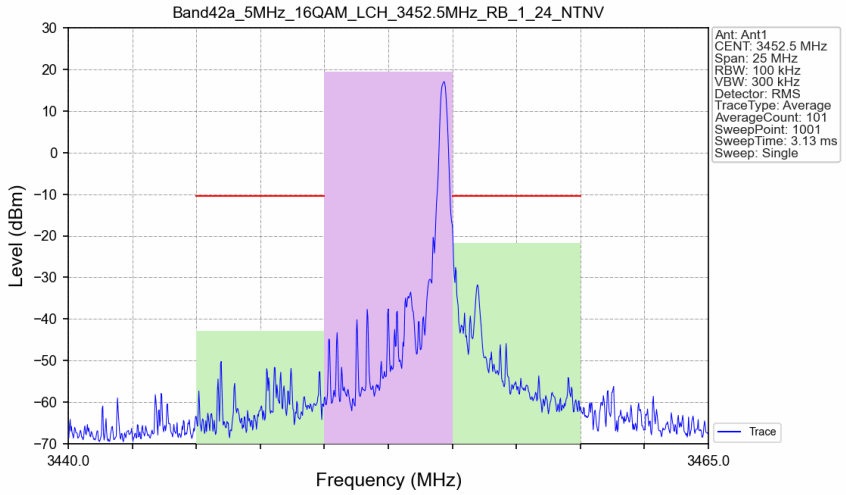
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	20.89	/	/	/	/
Adjacent	-5	5.00	-17.85	-38.74	-30	8.74	Pass
Adjacent	5	5.00	-19.09	-39.98	-30	9.98	Pass

Band42a_5MHz_16QAM_LCH_3452.5MHz_RB_1_0_NTNV



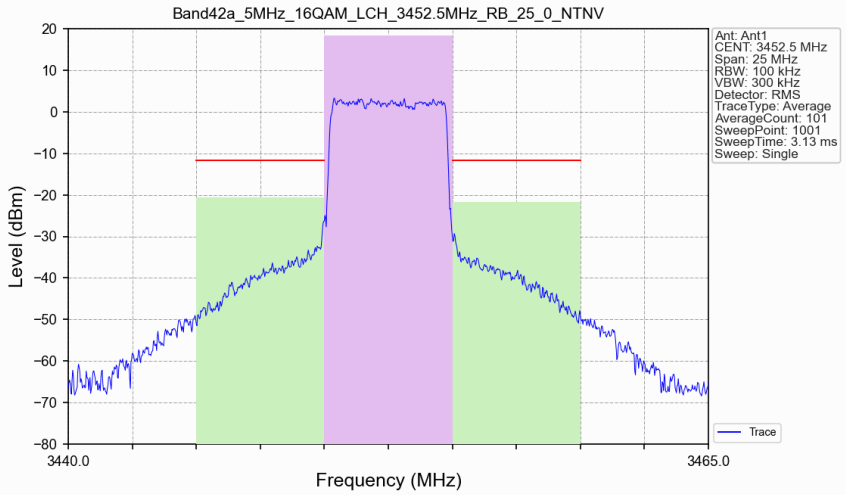
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	19.41	/	/	/	/
Adjacent	-5	5.00	-24.72	-44.13	-30	14.13	Pass
Adjacent	5	5.00	-44.09	-63.50	-30	33.50	Pass

Band42a_5MHz_16QAM_LCH_3452.5MHz_RB_1_24_NTNV



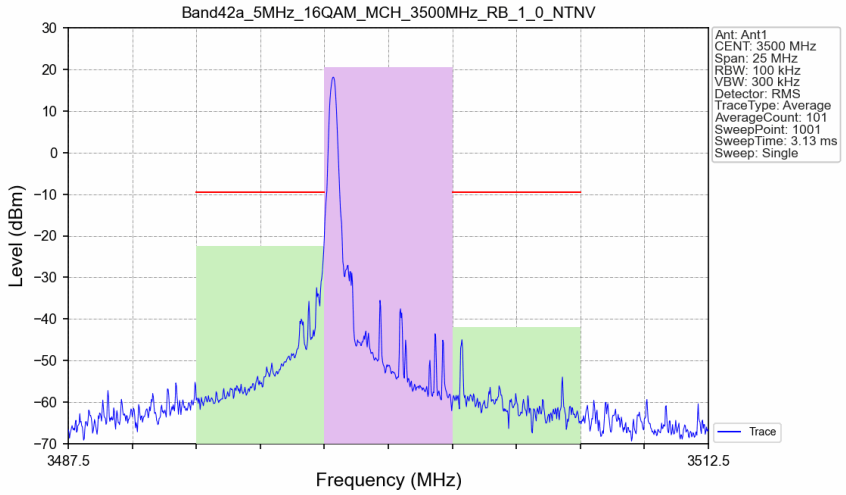
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	19.52	/	/	/	/
Adjacent	-5	5.00	-42.95	-62.47	-30	32.47	Pass
Adjacent	5	5.00	-21.74	-41.26	-30	11.26	Pass

Band42a_5MHz_16QAM_LCH_3452.5MHz_RB_25_0_NTNV



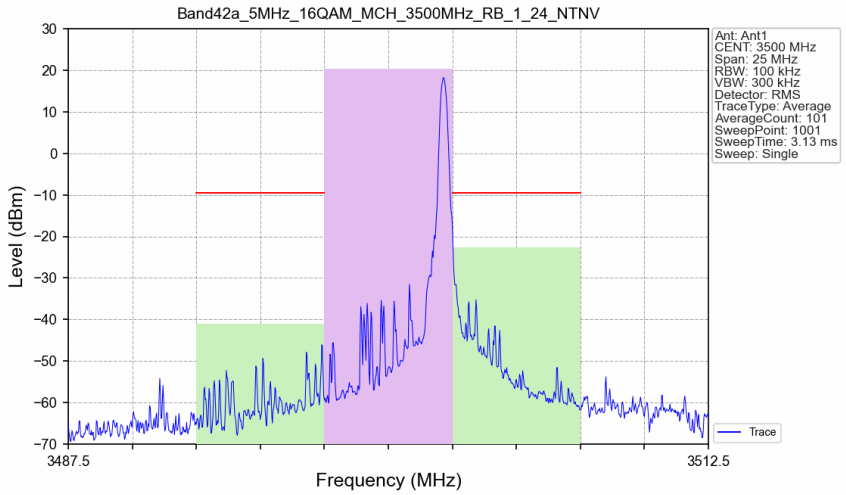
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	18.28	/	/	/	/
Adjacent	-5	5.00	-20.62	-38.90	-30	8.90	Pass
Adjacent	5	5.00	-21.76	-40.04	-30	10.04	Pass

Band42a_5MHz_16QAM_MCH_3500MHz_RB_1_0_NTNV



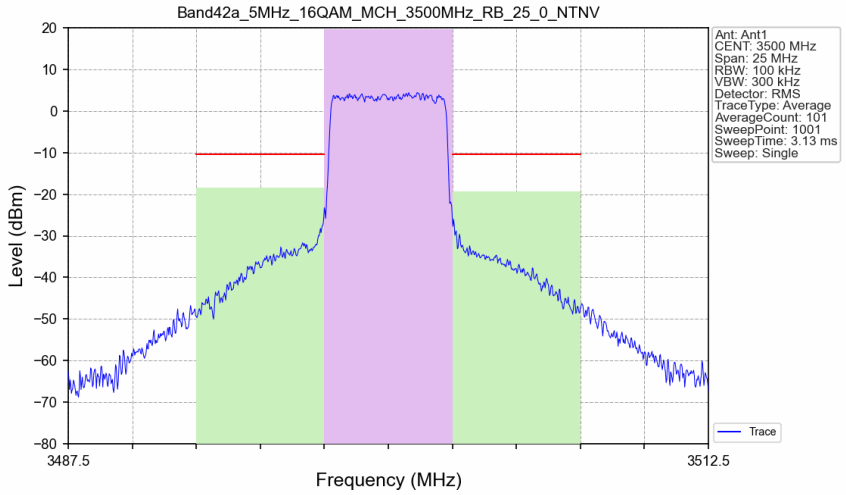
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	20.49	/	/	/	/
Adjacent	-5	5.00	-22.50	-42.99	-30	12.99	Pass
Adjacent	5	5.00	-41.99	-62.48	-30	32.48	Pass

Band42a_5MHz_16QAM_MCH_3500MHz_RB_1_24_NTNV



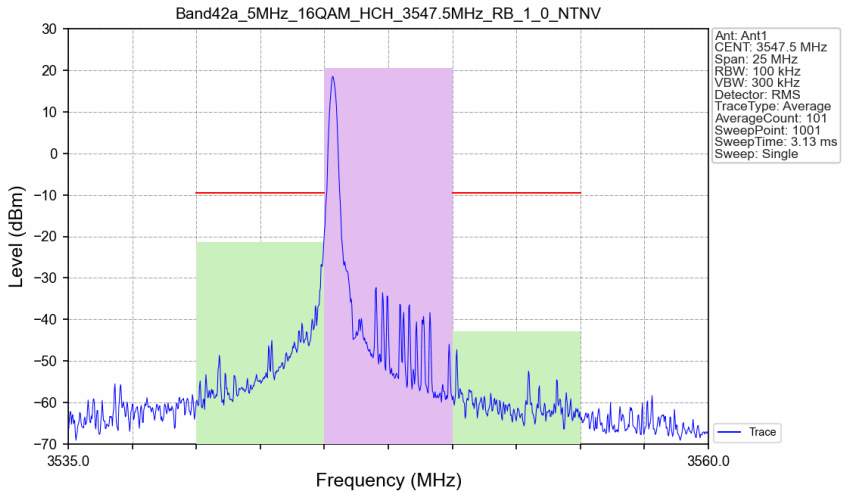
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	20.41	/	/	/	/
Adjacent	-5	5.00	-41.04	-61.45	-30	31.45	Pass
Adjacent	5	5.00	-22.72	-43.13	-30	13.13	Pass

Band42a_5MHz_16QAM_MCH_3500MHz_RB_25_0_NTNV



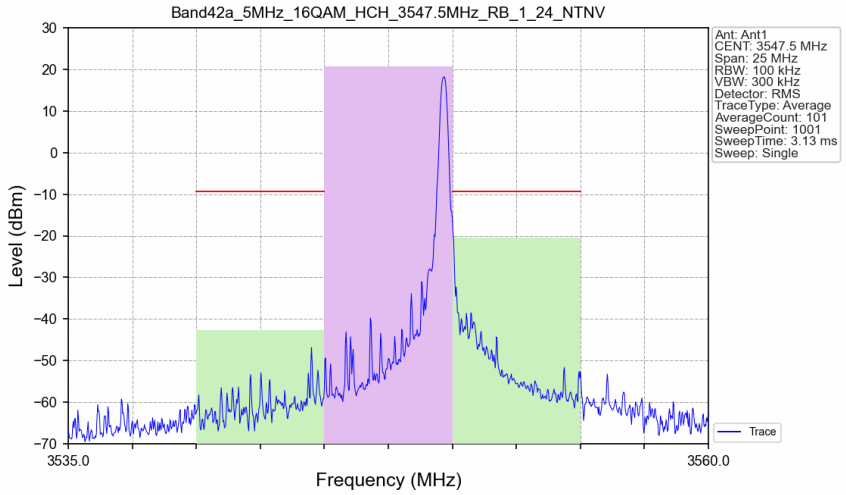
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	19.55	/	/	/	/
Adjacent	-5	5.00	-18.39	-37.94	-30	7.94	Pass
Adjacent	5	5.00	-19.39	-38.94	-30	8.94	Pass

Band42a_5MHz_16QAM_HCH_3547.5MHz_RB_1_0_NTNV



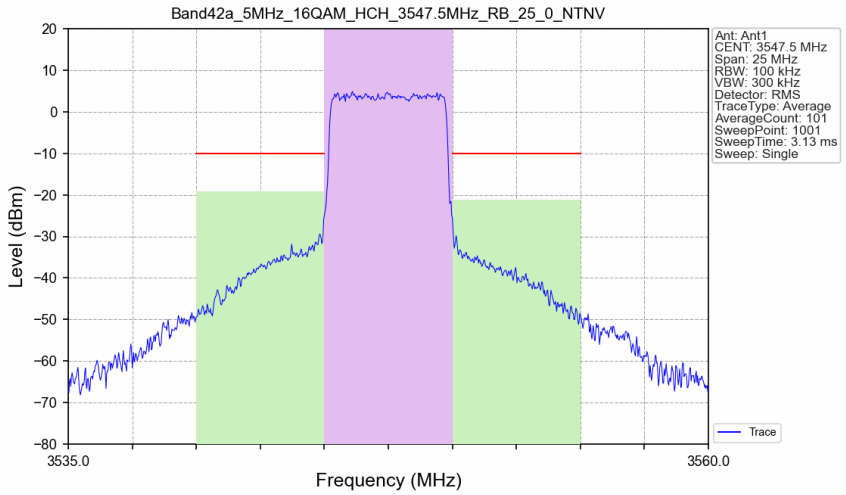
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	20.48	/	/	/	/
Adjacent	-5	5.00	-21.31	-41.79	-30	11.79	Pass
Adjacent	5	5.00	-42.95	-63.43	-30	33.43	Pass

Band42a_5MHz_16QAM_HCH_3547.5MHz_RB_1_24_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	20.67	/	/	/	/
Adjacent	-5	5.00	-42.66	-63.33	-30	33.33	Pass
Adjacent	5	5.00	-20.51	-41.18	-30	11.18	Pass

Band42a_5MHz_16QAM_HCH_3547.5MHz_RB_25_0_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	19.89	/	/	/	/
Adjacent	-5	5.00	-19.20	-39.09	-30	9.09	Pass
Adjacent	5	5.00	-21.13	-41.02	-30	11.02	Pass