

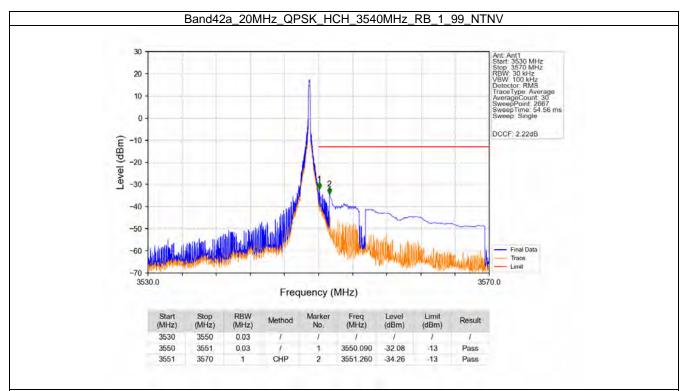
Final Data
Trace
Limit

26500.0

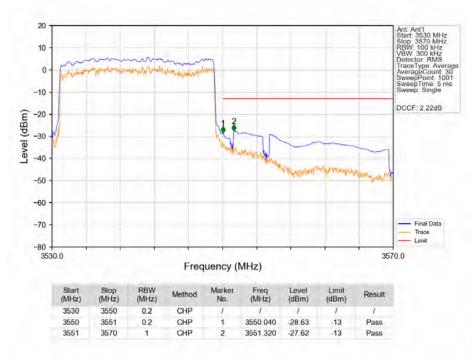
-80

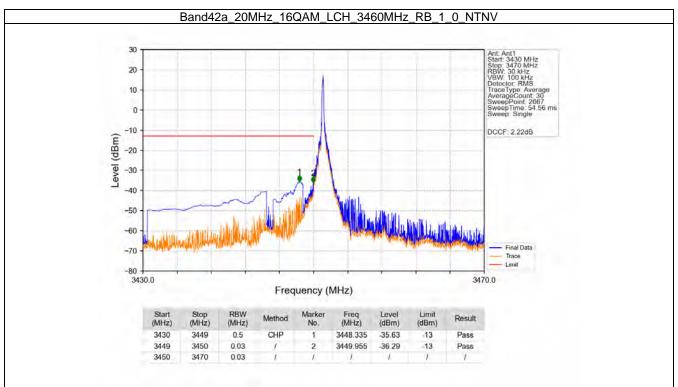
-90

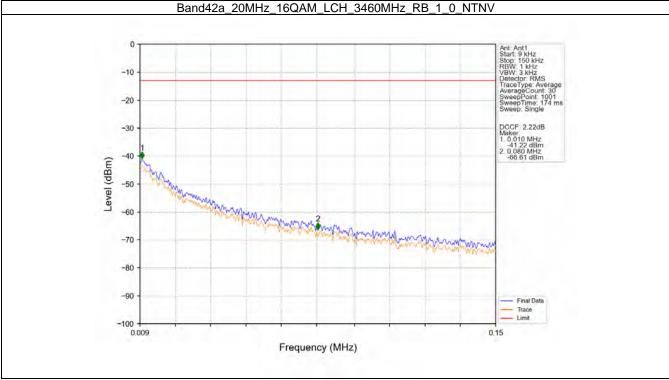
-100 - 25000.0

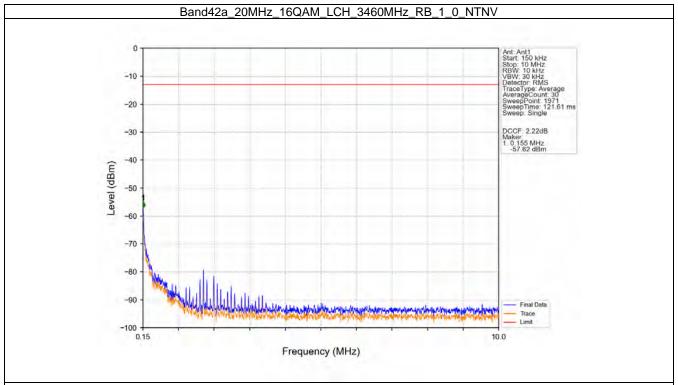


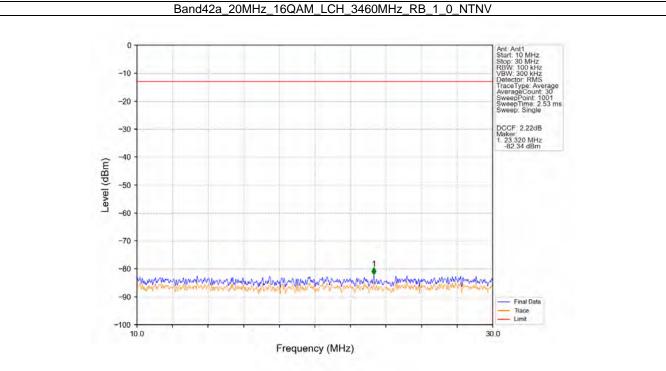


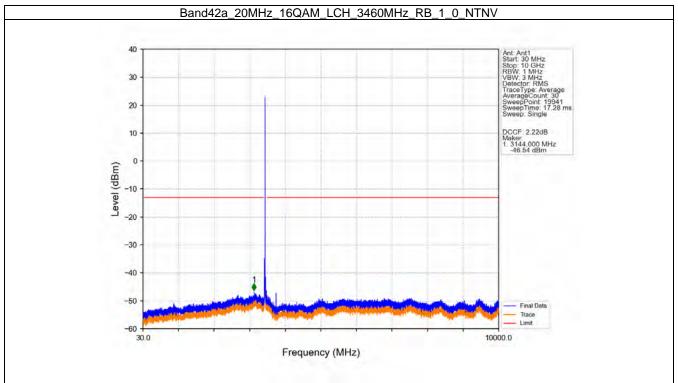


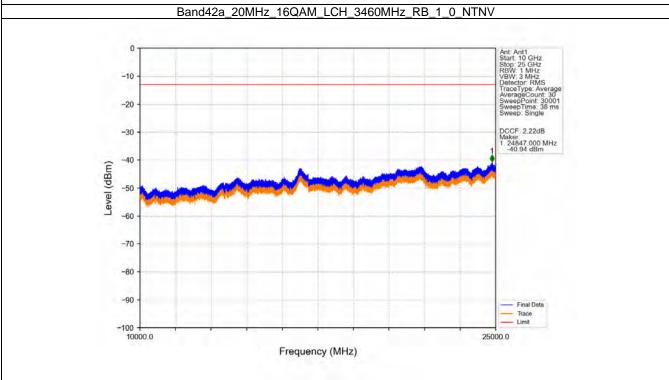


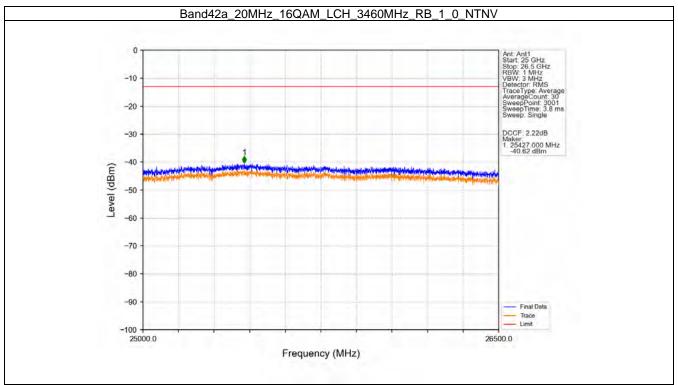


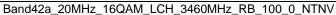


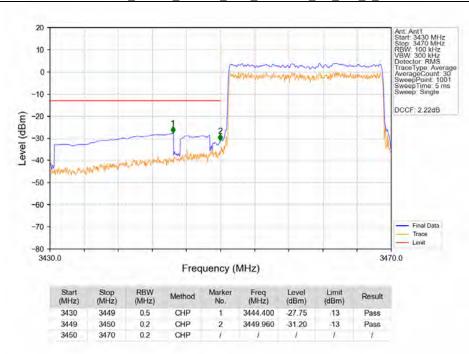


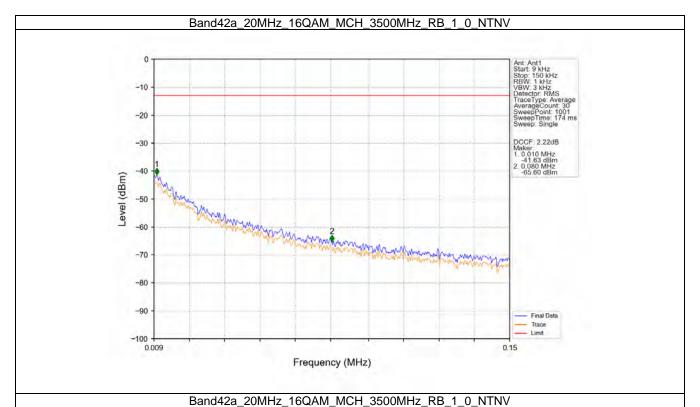


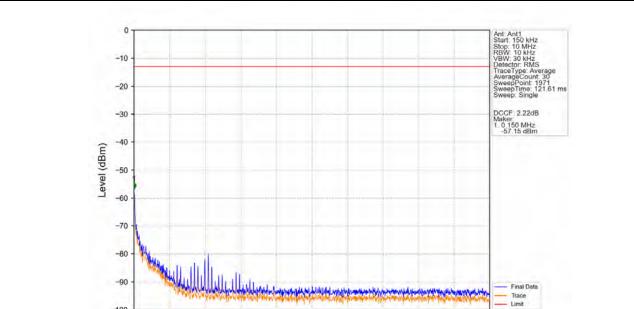






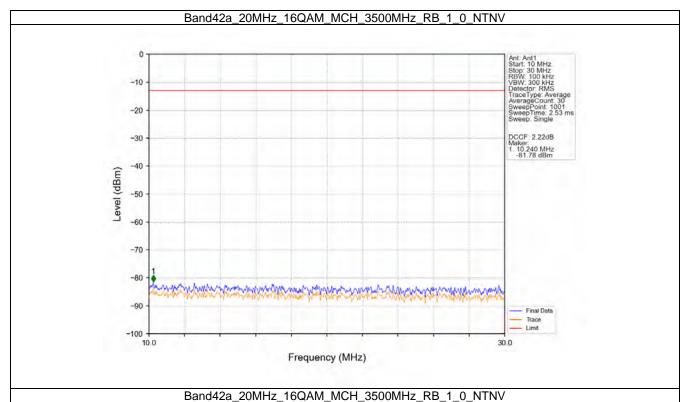


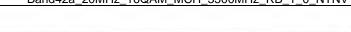


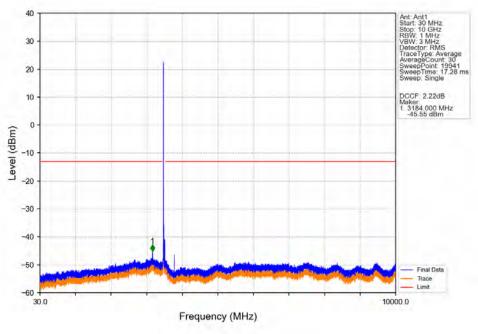


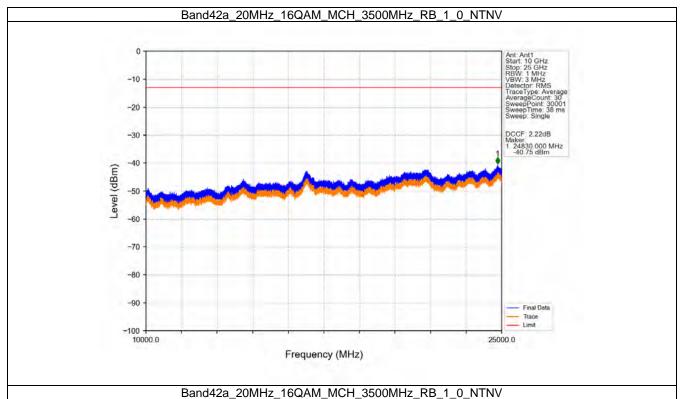
10.0

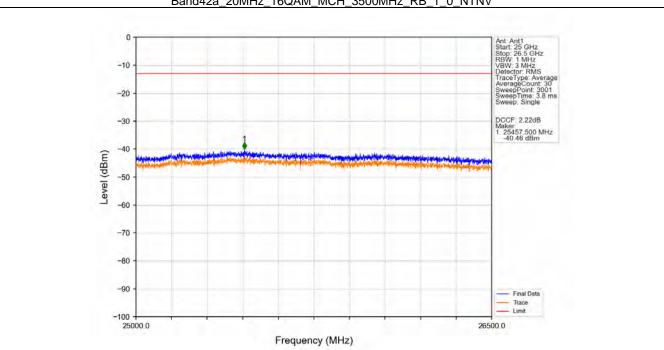
-100 | 0.15

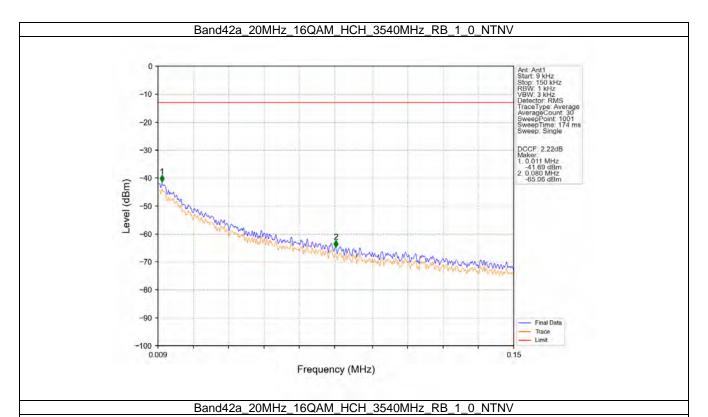




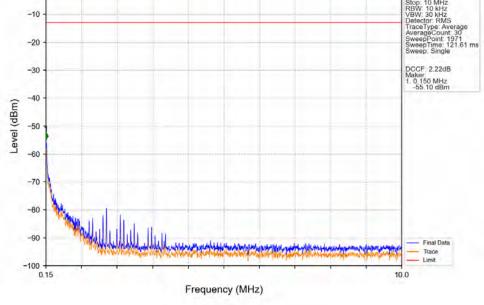


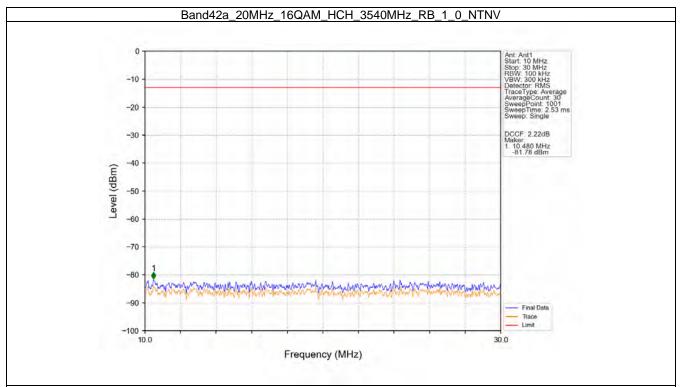


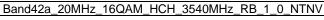


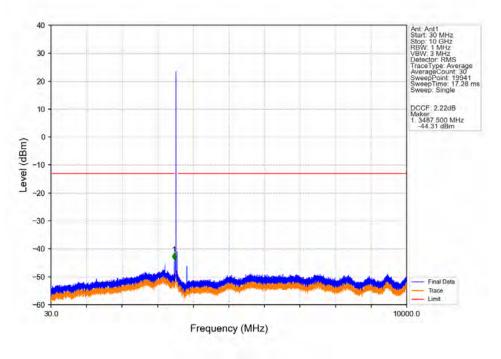


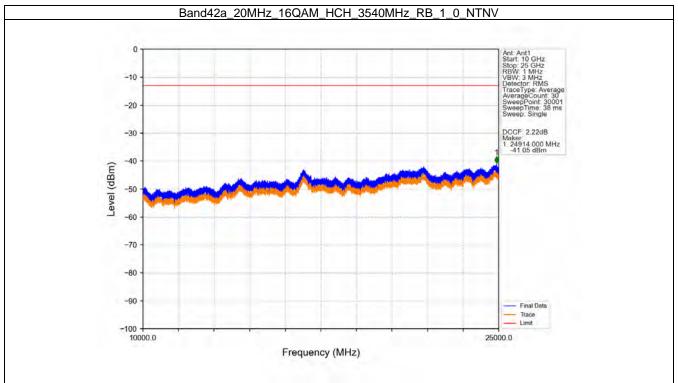


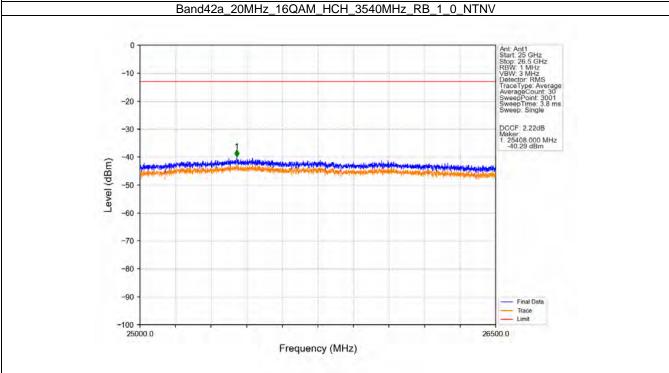


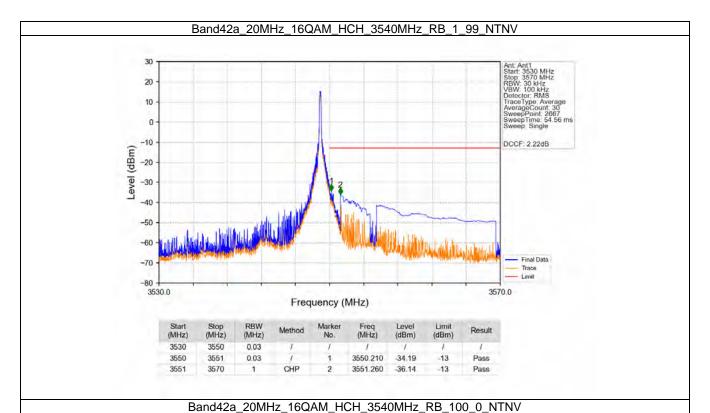


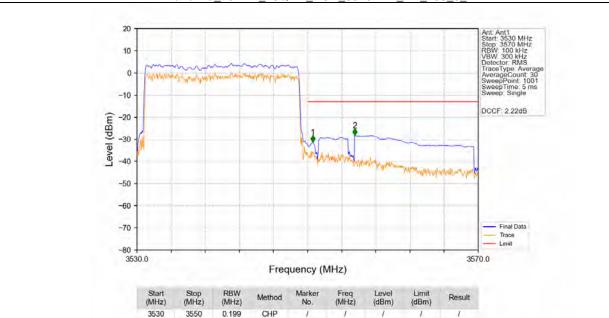












3550.600

3555.520

-31.37

-28.27

3550

3551

3551

3570

0.199

1

CHP

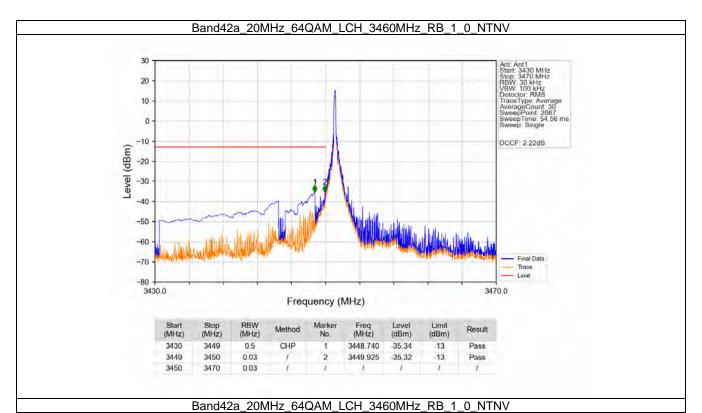
CHP

Pass

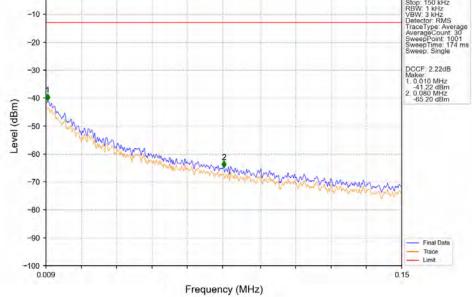
Pass

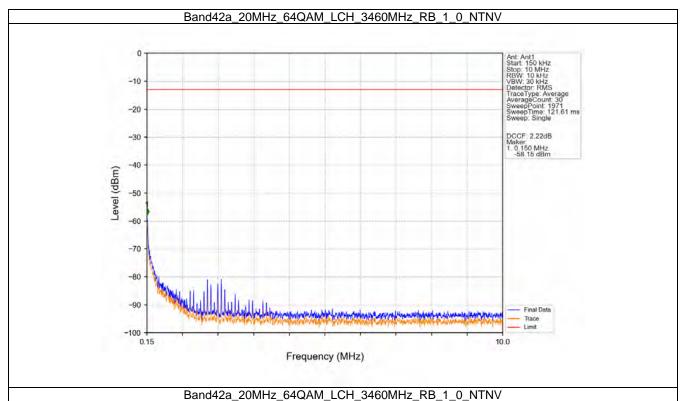
-13

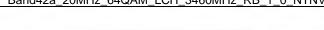
-13

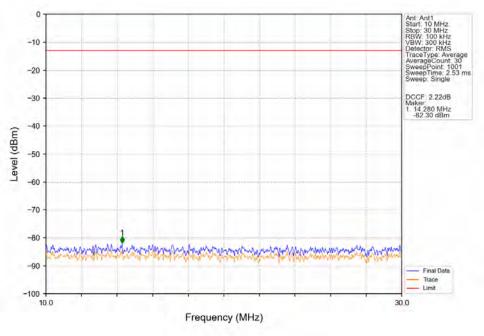


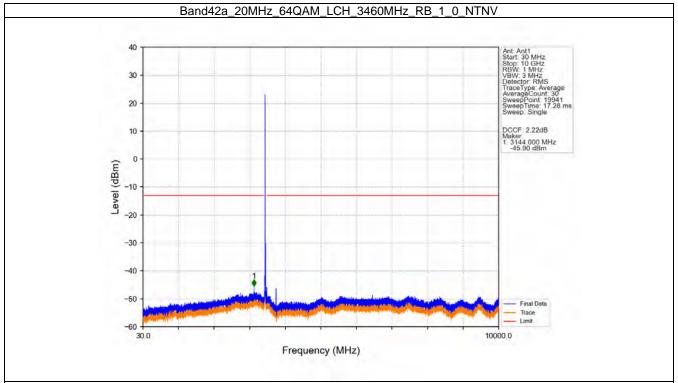


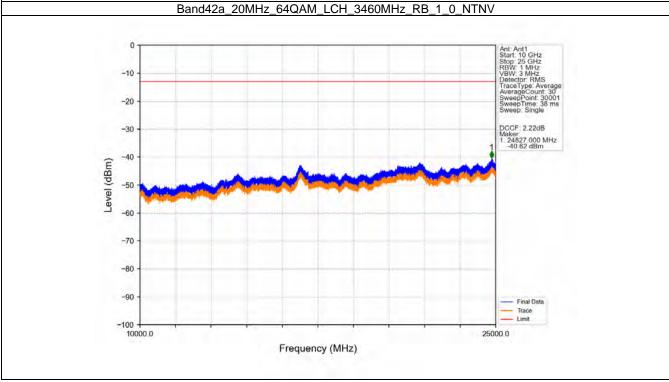


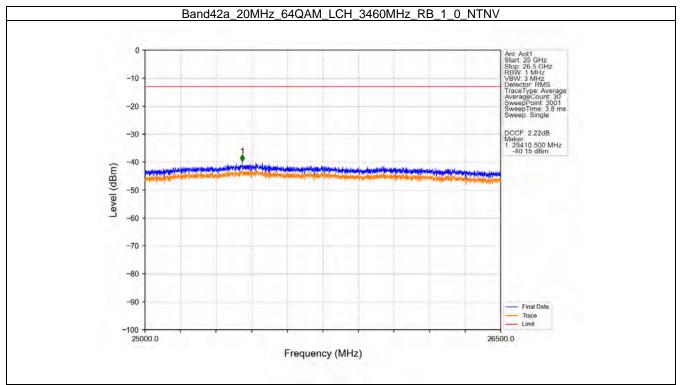


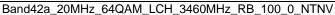


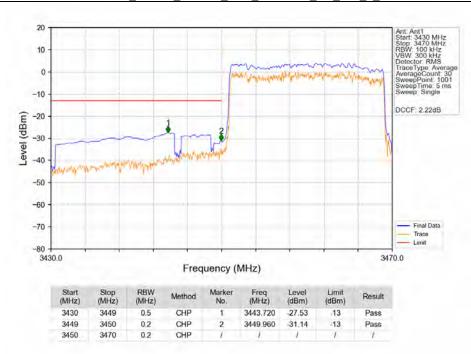


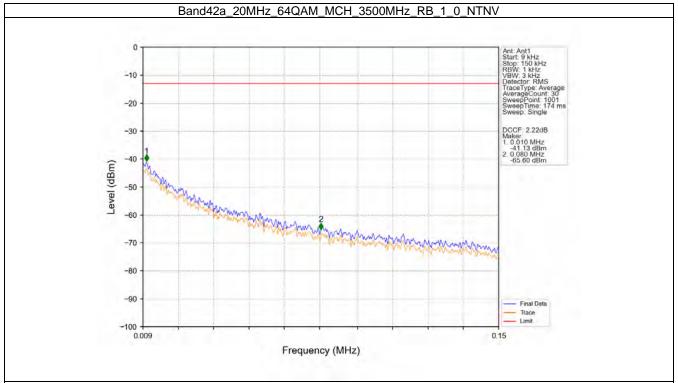


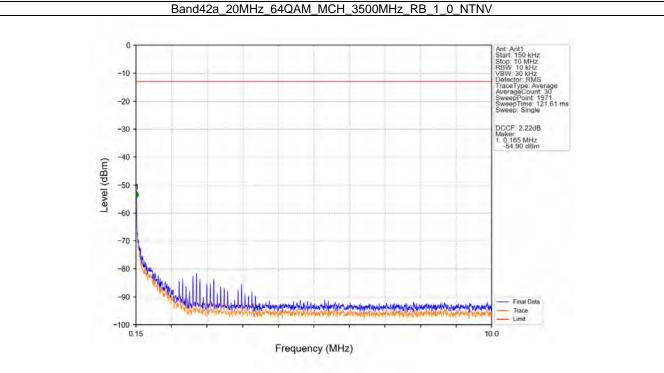


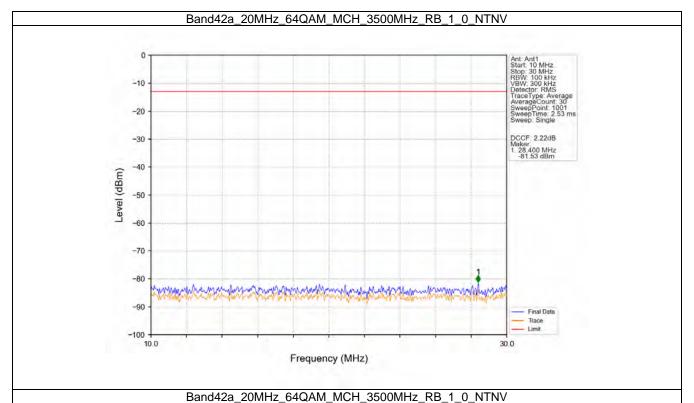


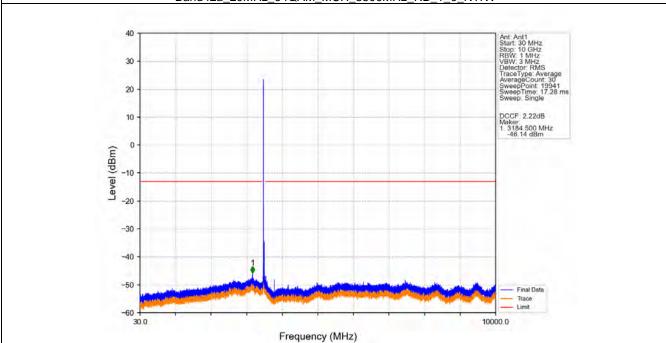


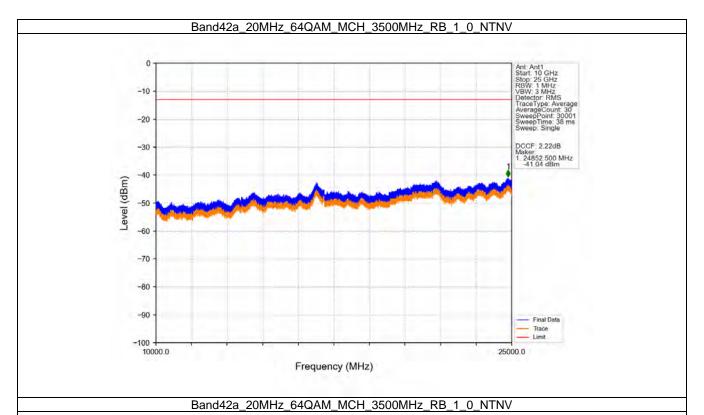


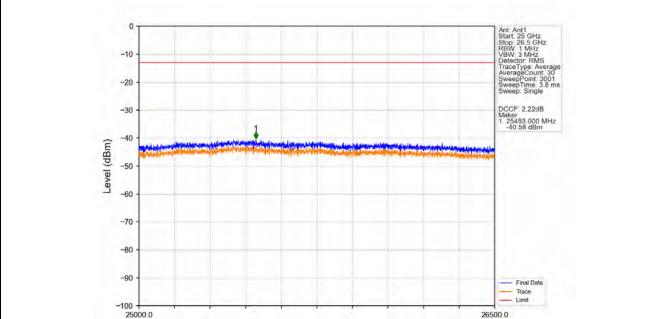




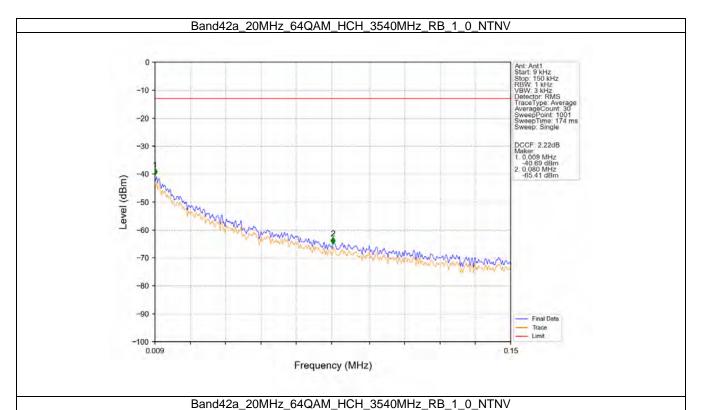








26500.0

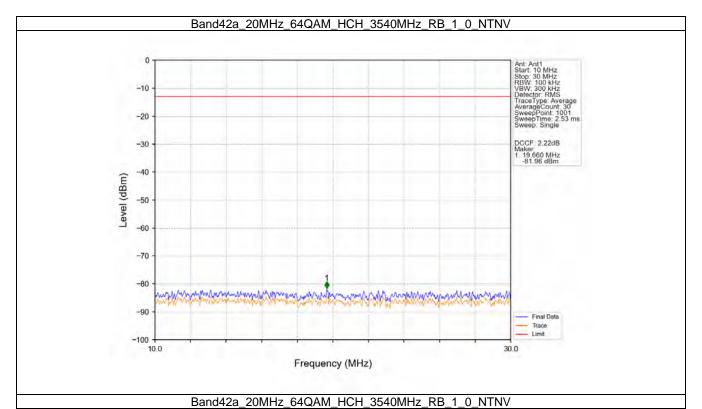


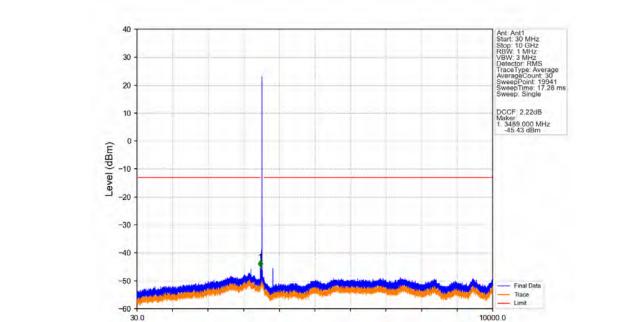


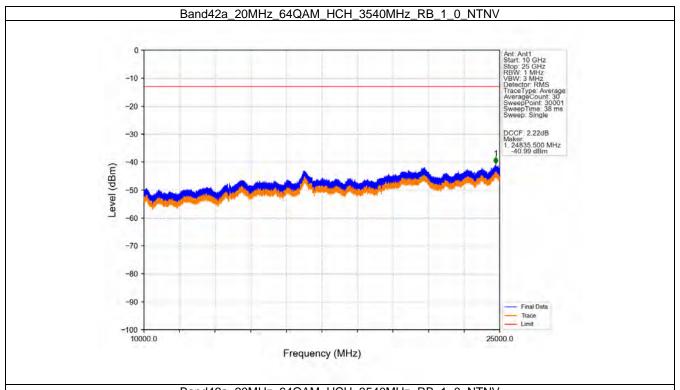
-100 | 0.15

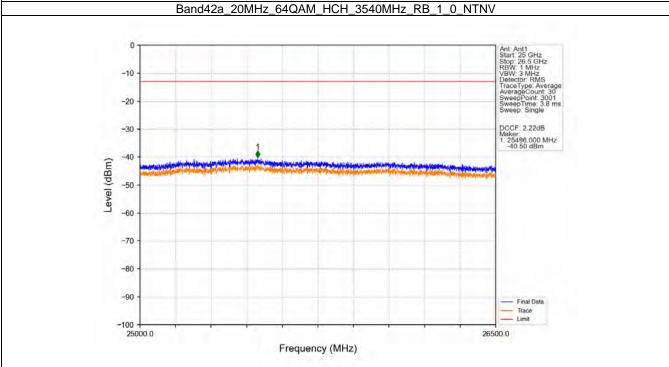
Trace Limit

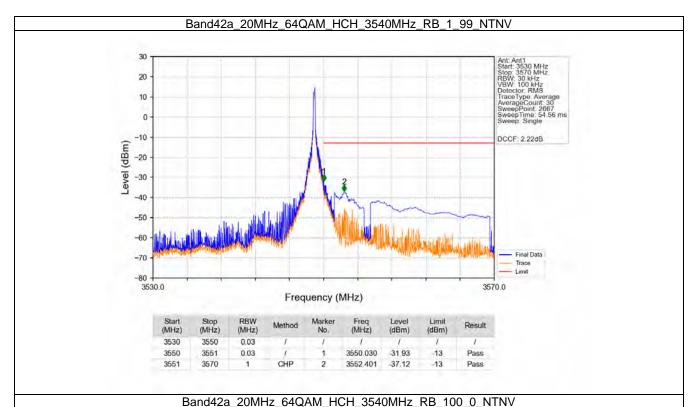
10.0





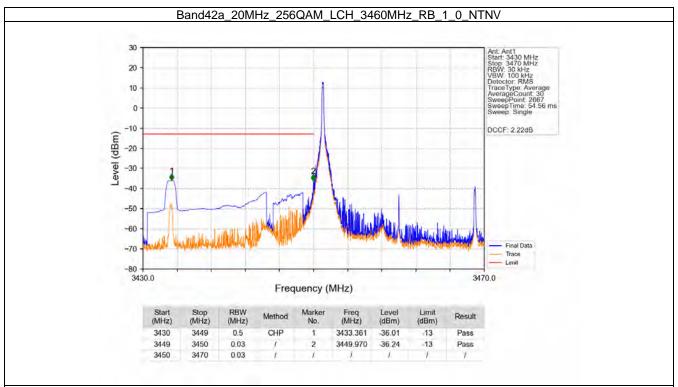


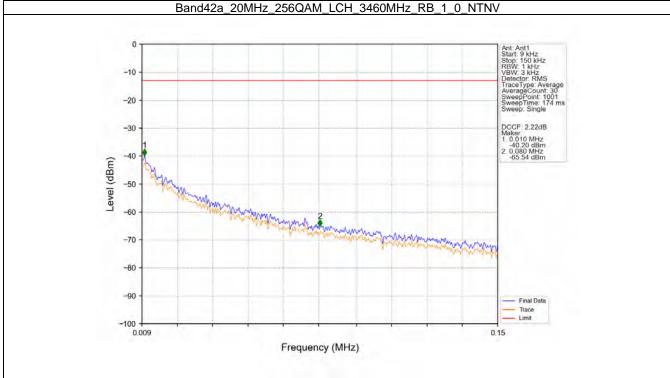


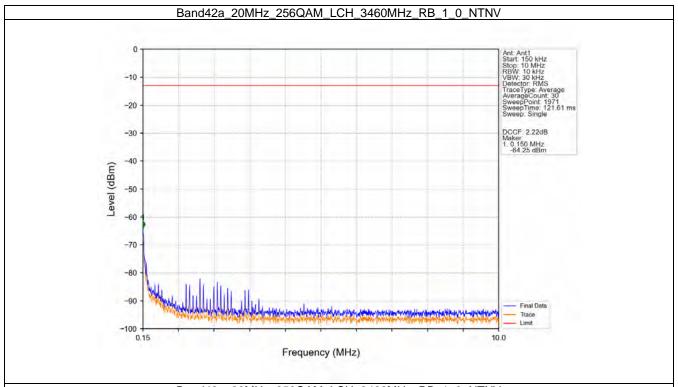


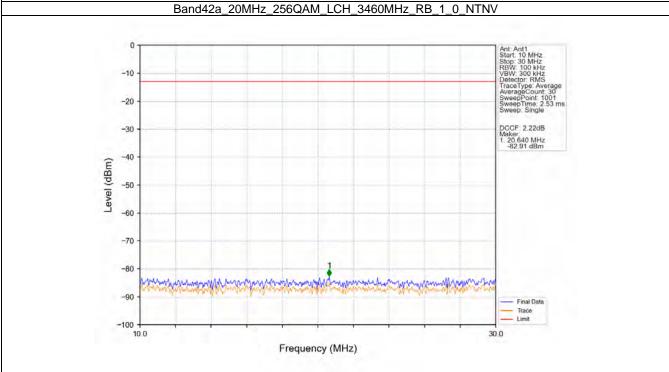
BATIG42a_2UMID2_04QAM_IDCH_354UMID2_RB_100_0_NTINV

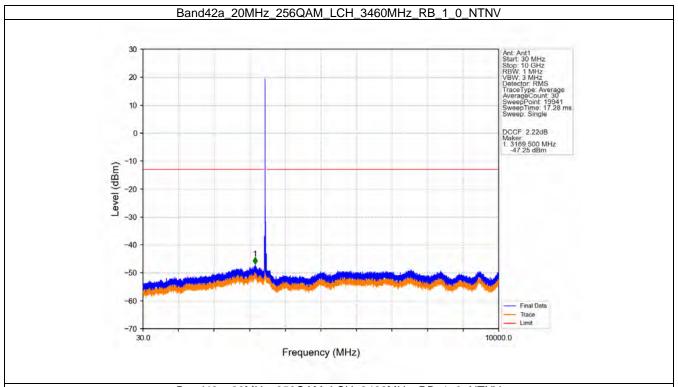


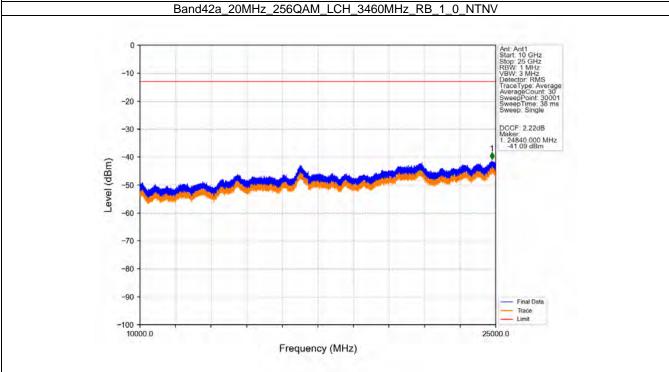


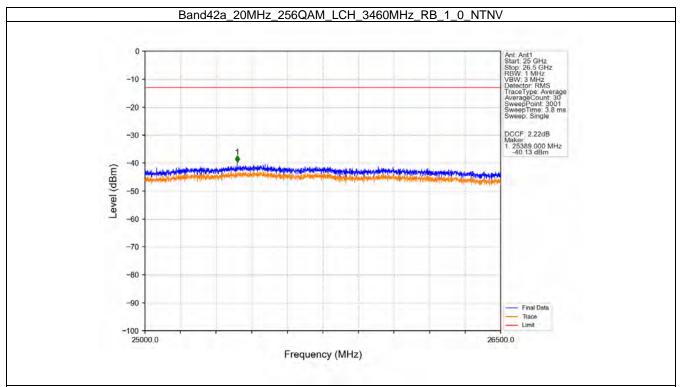


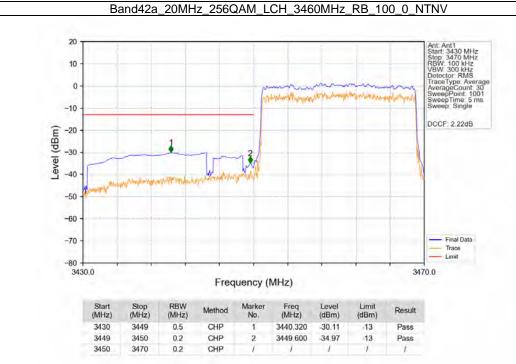


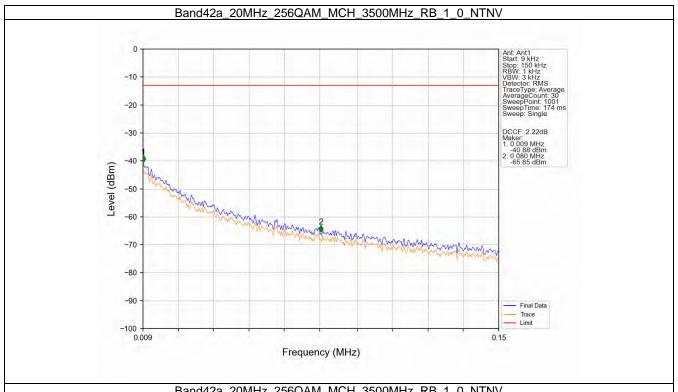


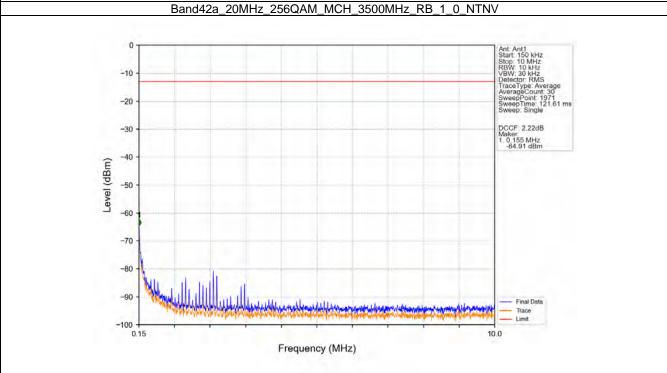


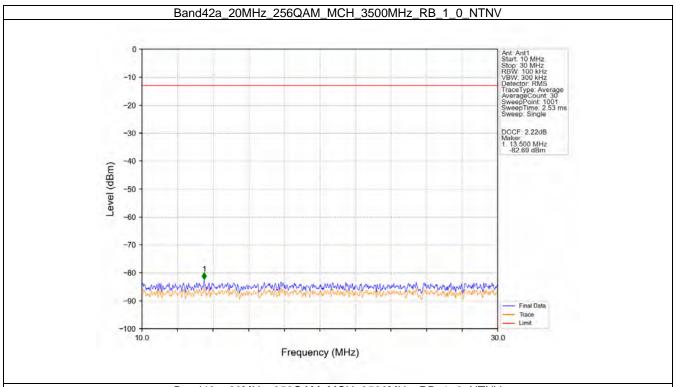


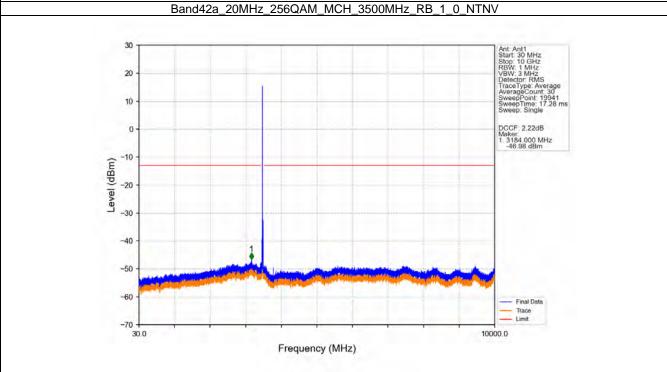


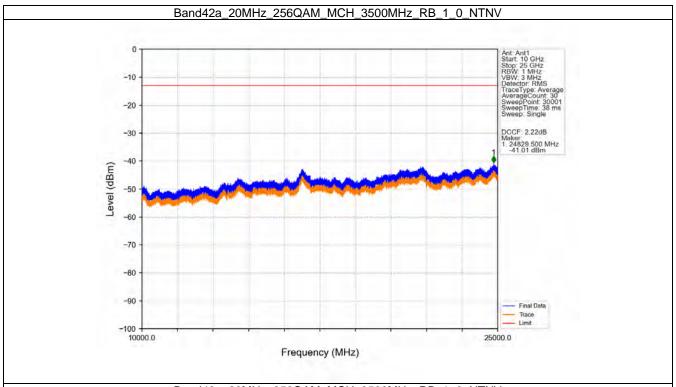


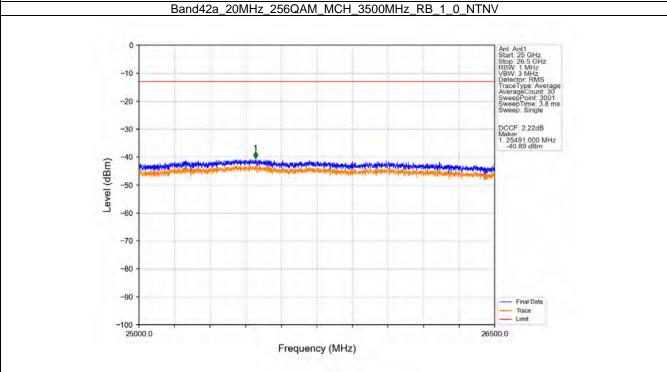


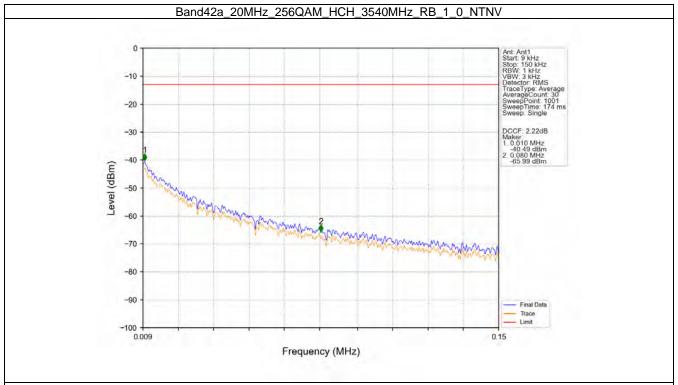


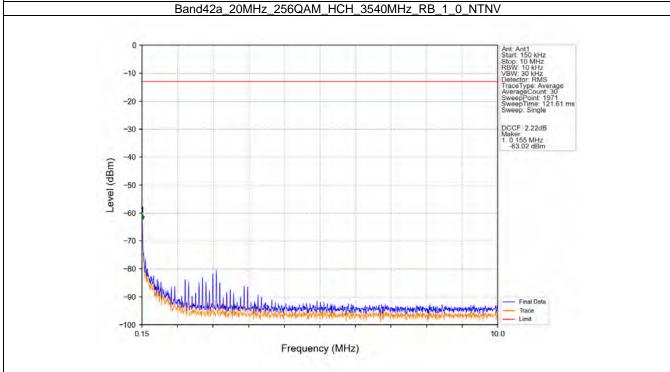


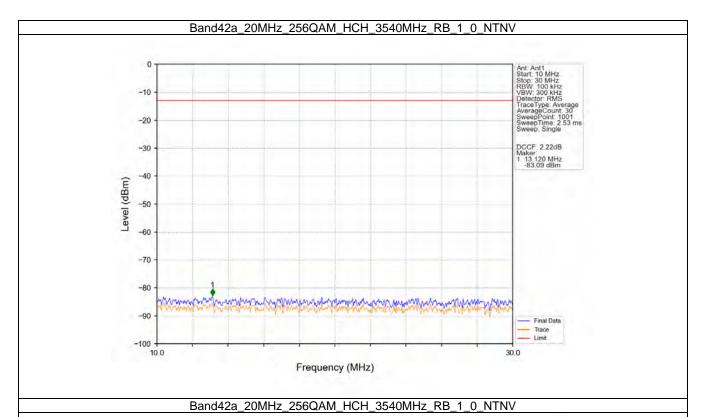


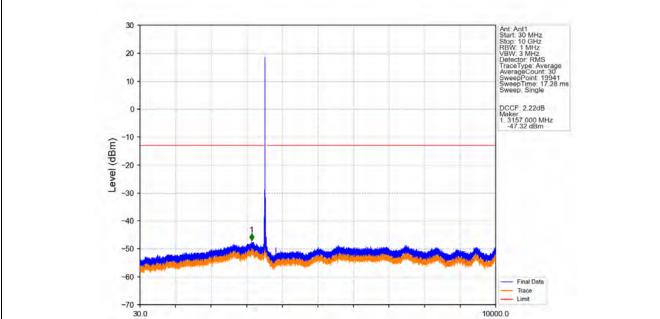


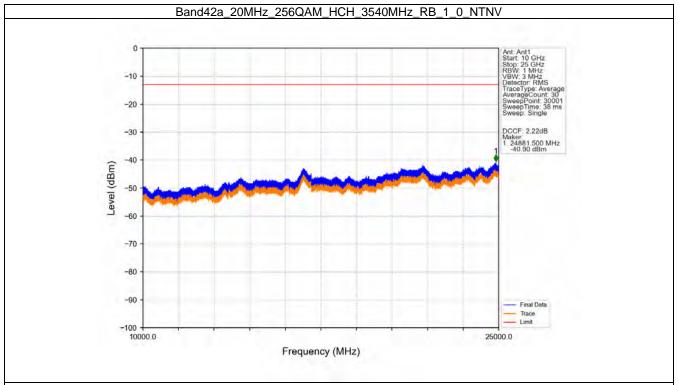


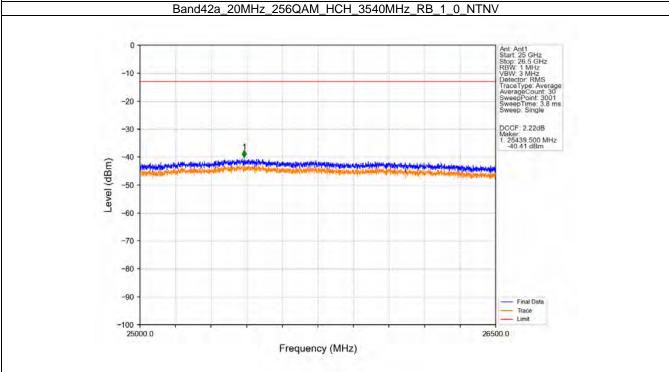


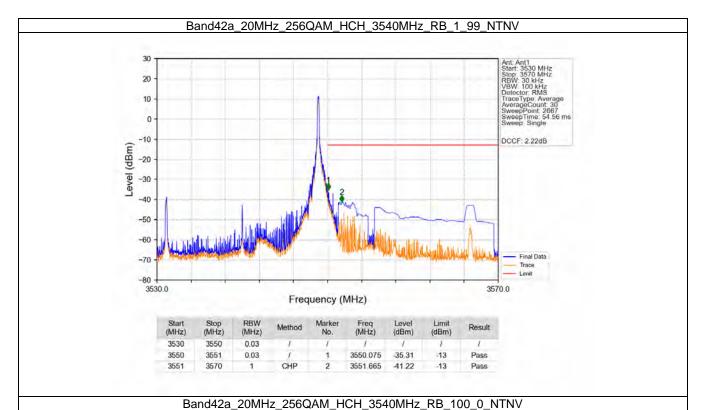




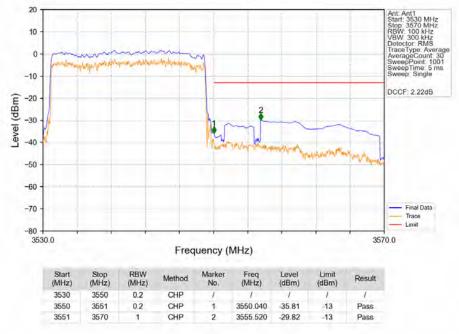








20 T



7. Adjacent Channel Leakage Ratio

7.1 Test Result

7.1.1 B42a_5MHz

		l l	Band: 42a / Bandv	vidth: 5MHz / NTNV	
Modulation	Frequency	RB Allocation		Adjacent Channel Leakage Ratio	Verdict
	(MHz)	Size	Offset	Result Limit	verdict
QPSK	3452.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	
		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	
		25	0 Refer To Test Graph		Pass
	3452.5	1	0	Refer To Test Graph	Pass
			24		
		25	0		
	3500	1	0	Refer To Test Graph	Pass
16QAM			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
64QAM	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
256QAM	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

7.1.2 B42a_10MHz

		Ba	and: 42a / Band	lwidth: 10MHz / NTNV		
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		\/avaliat
		Size	Offset	Result	Limit	Verdict
QPSK	3455	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

		1	0	Refer To Test Graph	Pass
3500		1	49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
		4	0	Refer To Test Graph	Pass
	3545	1	49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
	3455	1	49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
16QAM	3500	1	49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
		4	0	Refer To Test Graph	Pass
	3545	1	49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	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
64QAM			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
	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
256QAM			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

7.1.3 B42a_15MHz

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

		1	0	Refer To Test Graph	Pass
	3457.5	'	74	Refer To Test Graph	Pass
64QAM		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
	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
256QAM			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	3542.5	3542.5	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass

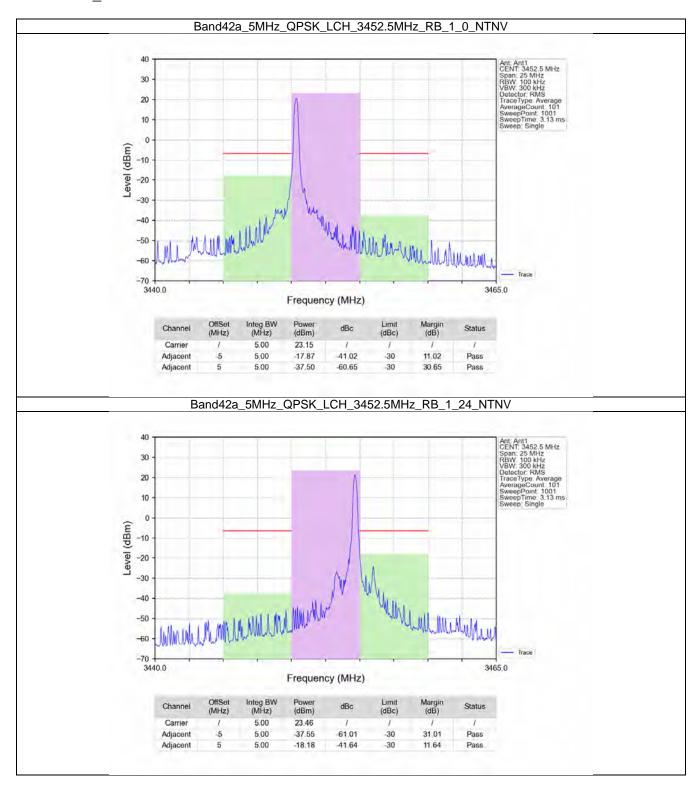
7.1.4 B42a_20MHz

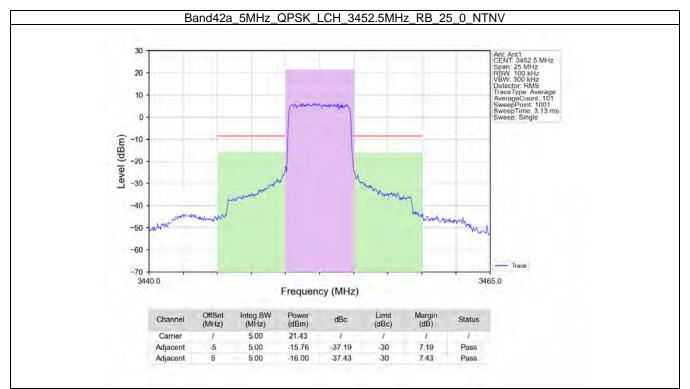
				ridth: 20MHz / NTNV	1
Modulation	Frequency	RB Allocation		Adjacent Channel Leakage Ratio	Verdict
	(MHz)	Size	Offset	Result Limit	
		1	0	Refer To Test Graph	Pass
	3460		99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
QPSK	3500	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	3540	·	99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	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
16QAM			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
	3460	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
64QAM	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
	3460	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
0500 444		100	0	Refer To Test Graph	Pass
256QAM -	3500	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

		4	0	Refer To Test Graph	Pass
	3540	1	99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

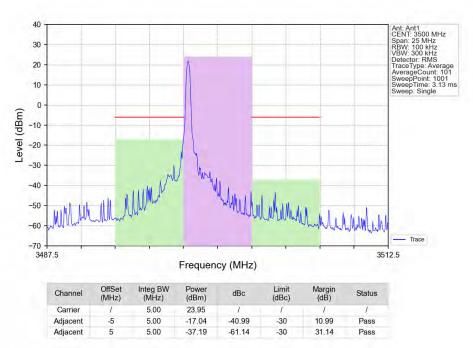
7.2 Test Graph

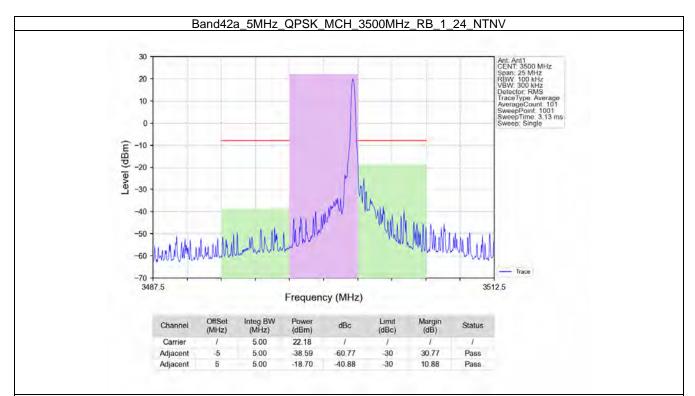
7.2.1 B42a_5MHz



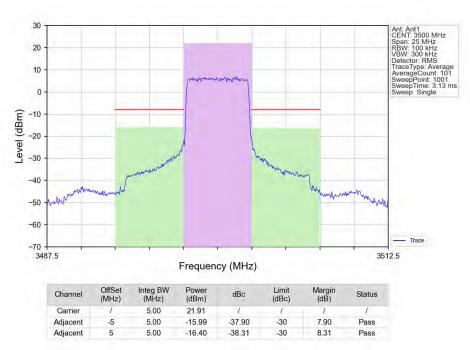


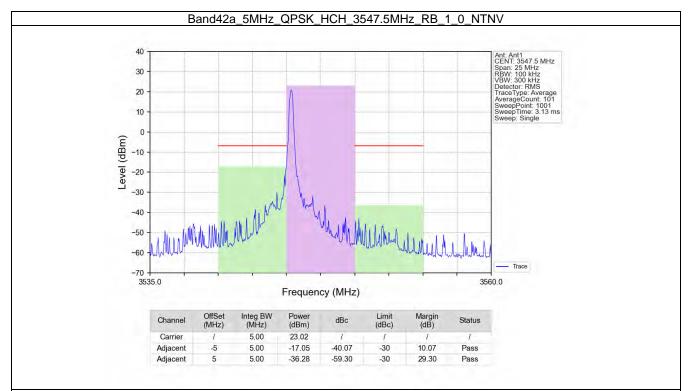




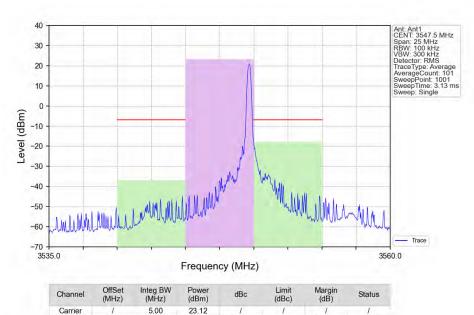








Band42a_5MHz_QPSK_HCH_3547.5MHz_RB_1_24_NTNV



-60.07

-40.93

-30

-30

30.07

10.93

Pass

Pass

Adjacent

Adjacent

-5

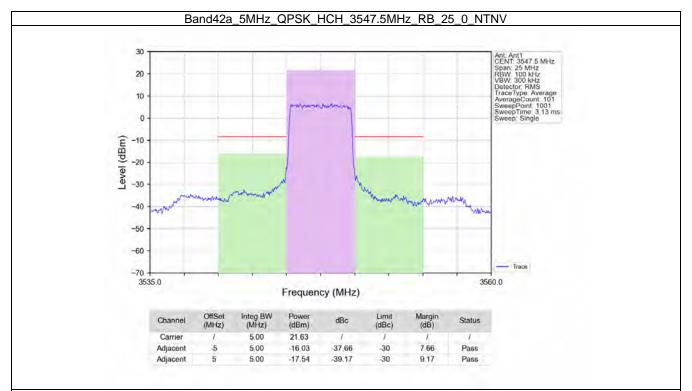
5

5.00

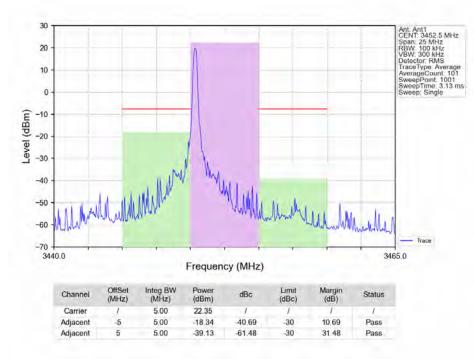
5.00

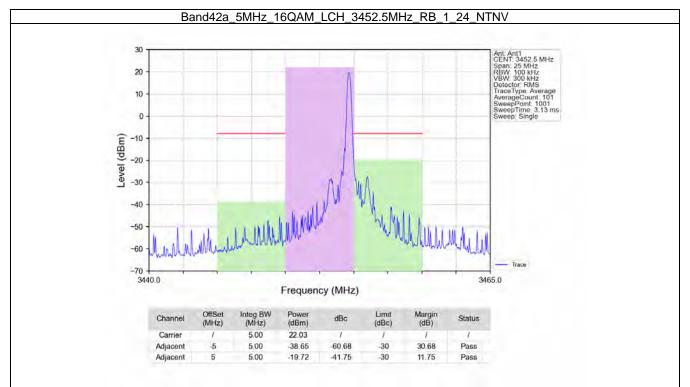
-36.95

-17.81

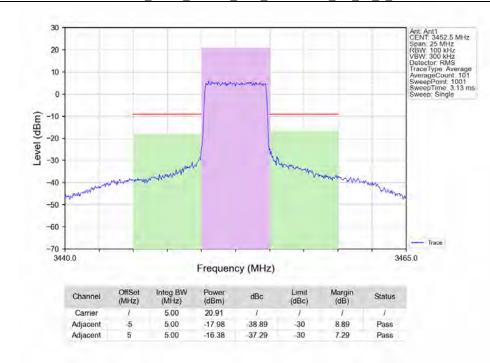


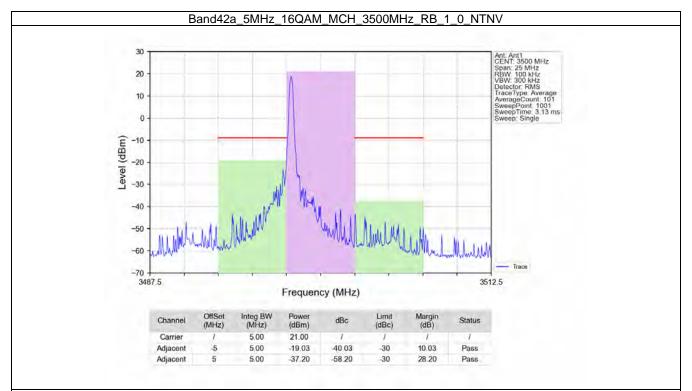




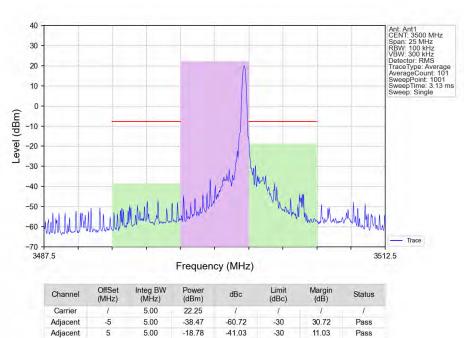


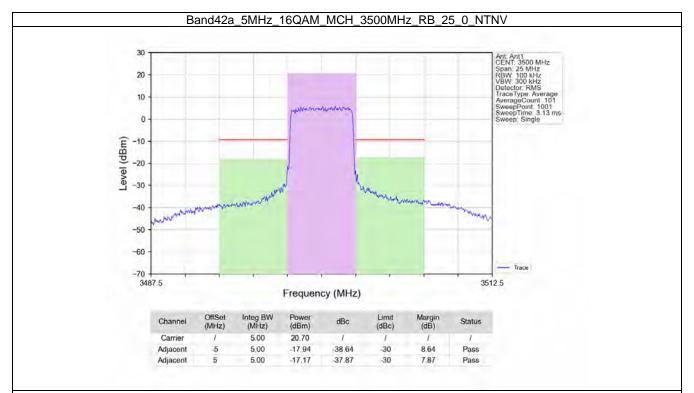
Band42a 5MHz 16QAM LCH 3452.5MHz RB 25 0 NTNV

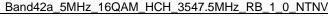


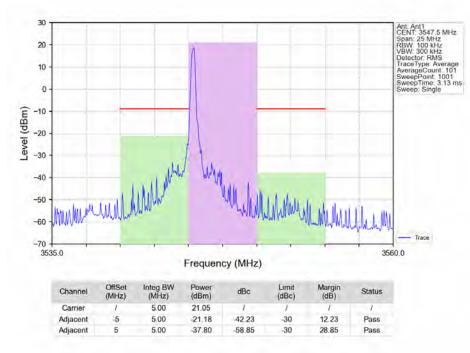


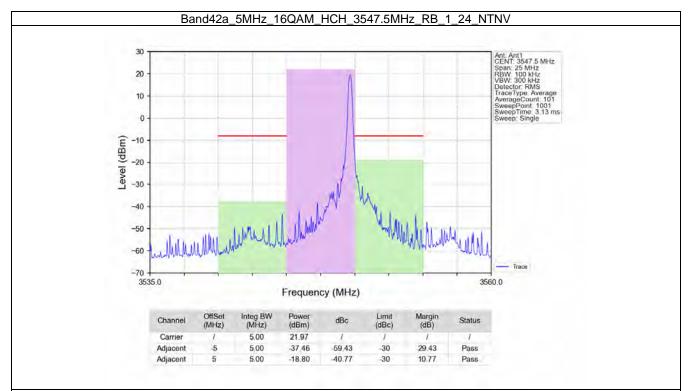
Band42a_5MHz_16QAM_MCH_3500MHz_RB_1_24_NTNV



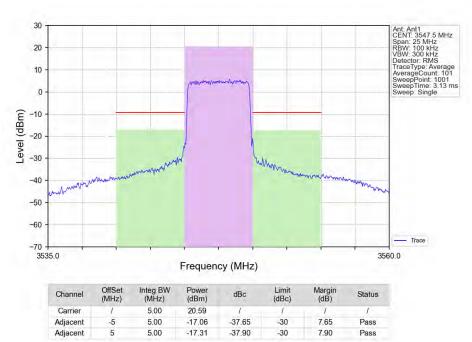


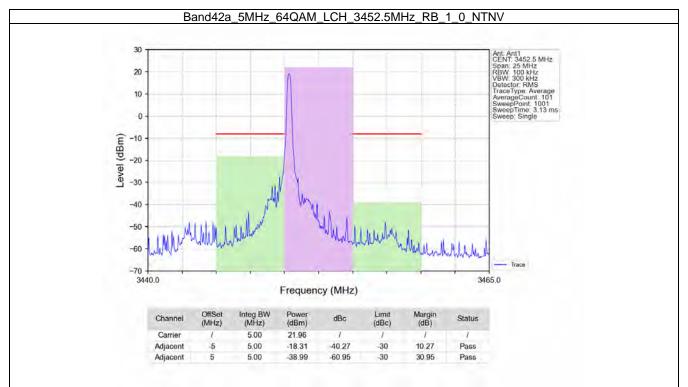




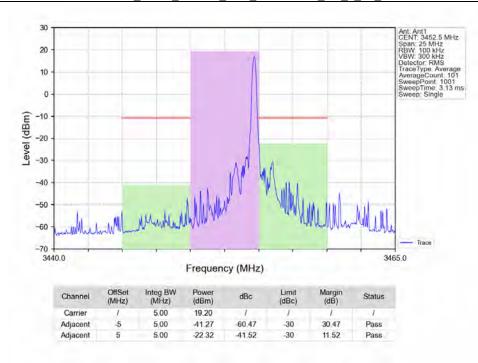


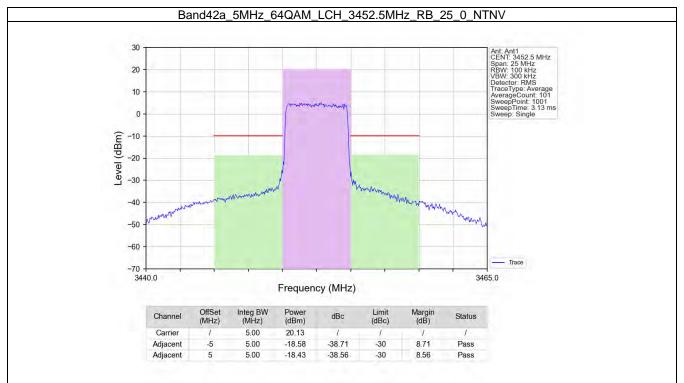
Band42a_5MHz_16QAM_HCH_3547.5MHz_RB_25_0_NTNV

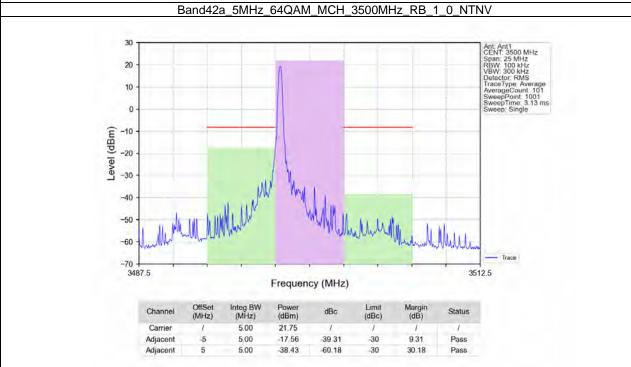


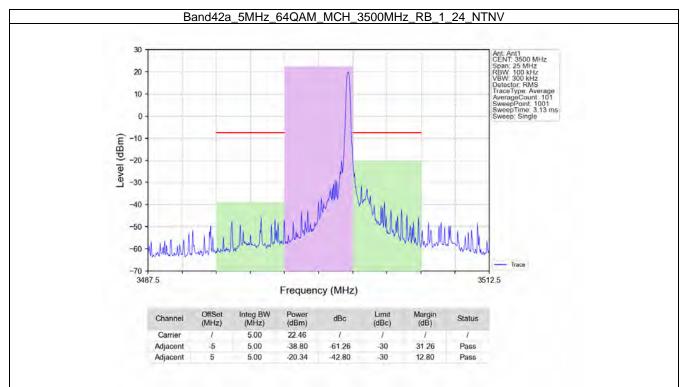


Band42a 5MHz 64QAM LCH 3452.5MHz RB 1 24 NTNV

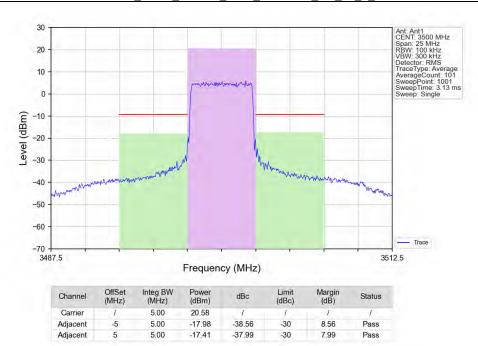


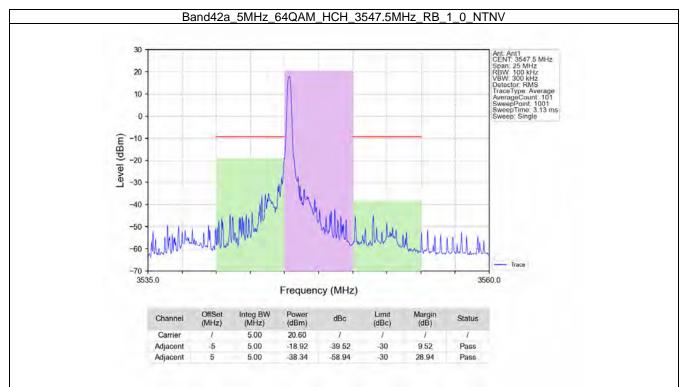




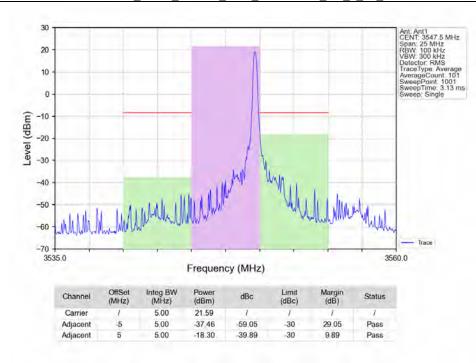


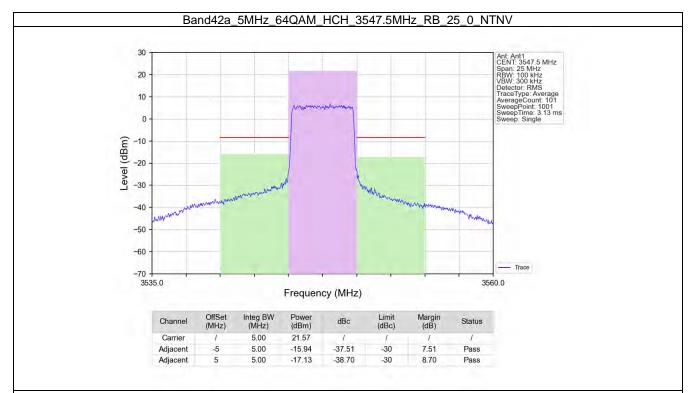




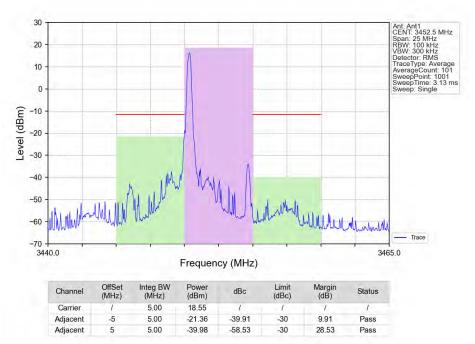


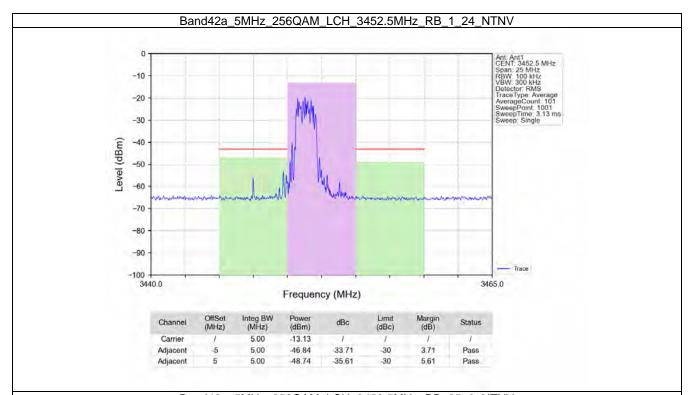
Band42a 5MHz 64QAM HCH 3547.5MHz RB 1 24 NTNV

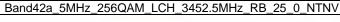


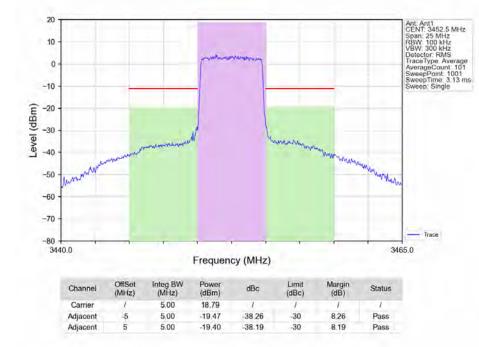


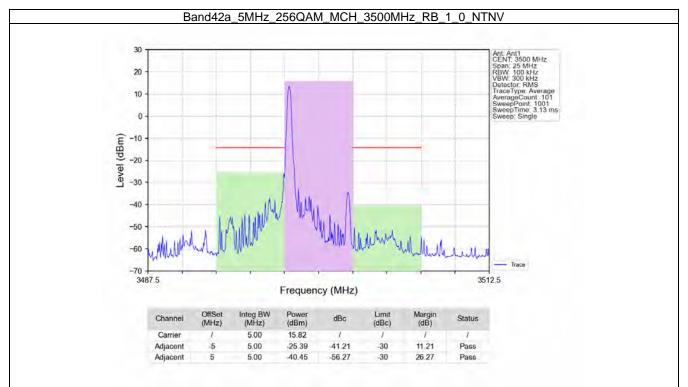




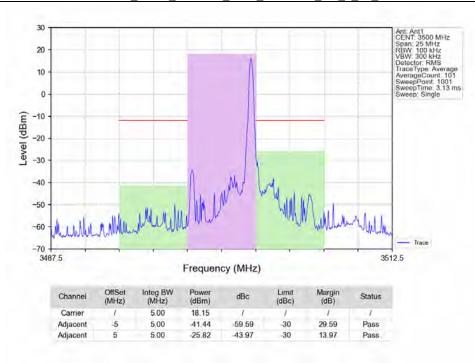


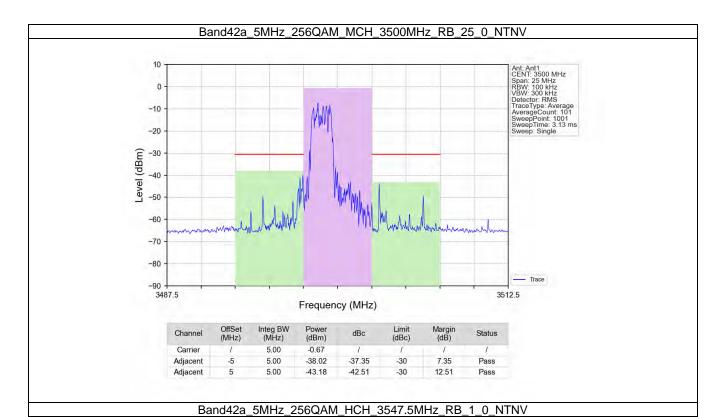


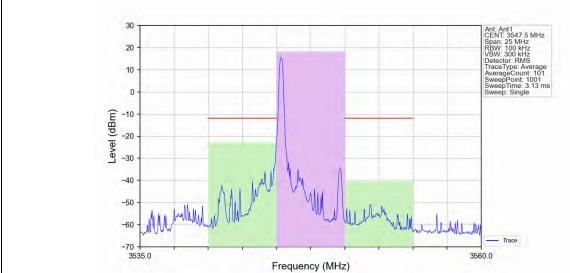




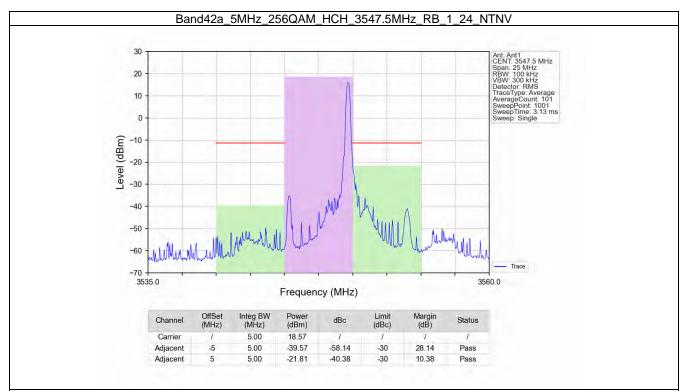
Band42a 5MHz 256QAM MCH 3500MHz RB 1 24 NTNV



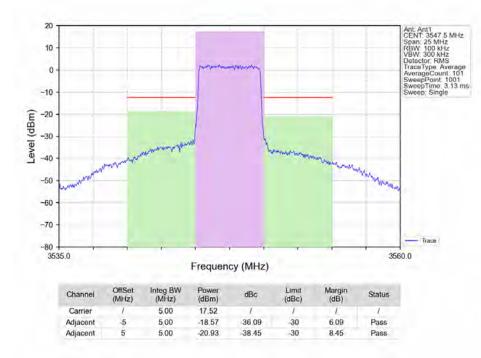




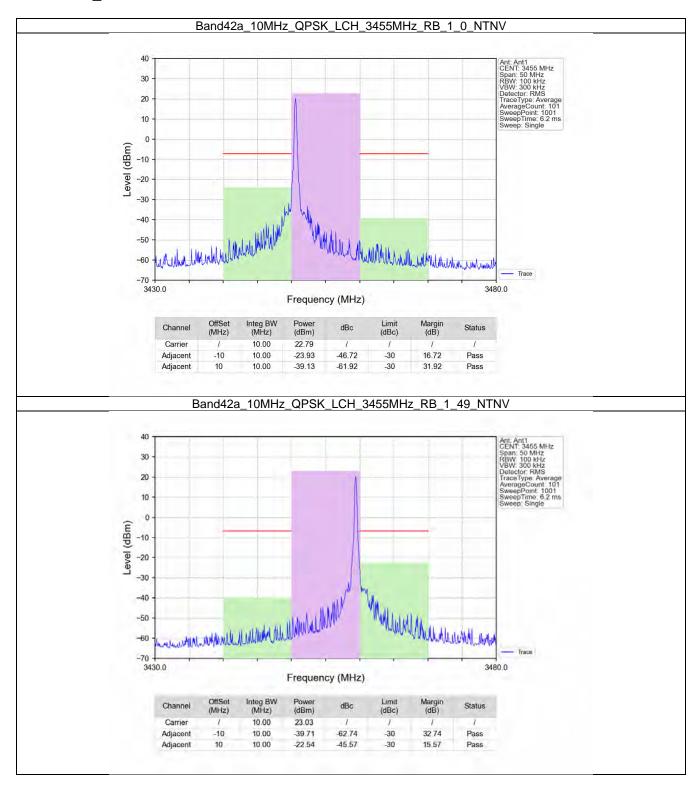
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	-1	5.00	18.18	1	1	1	1
Adjacent	-5	5.00	-22.85	-41.03	-30	11.03	Pass
Adjacent	5	5.00	-40.44	-58.62	-30	28.62	Pass

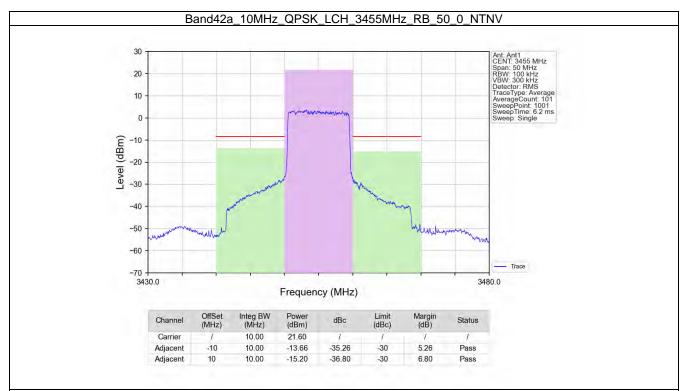


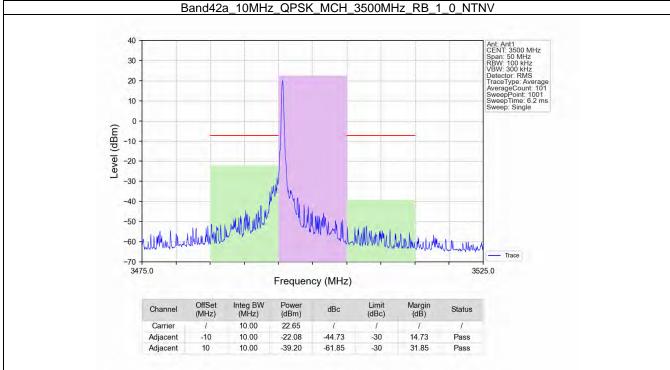


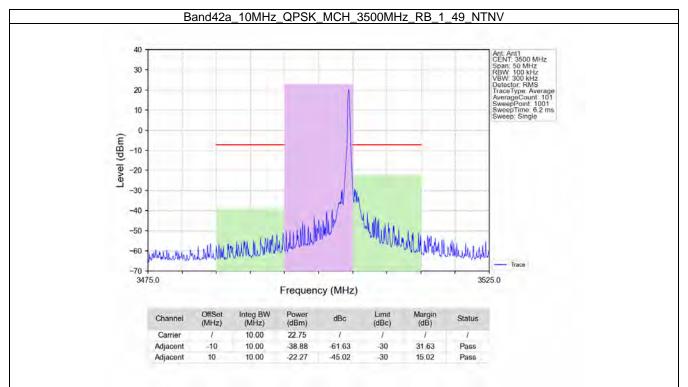


7.2.2 B42a_10MHz

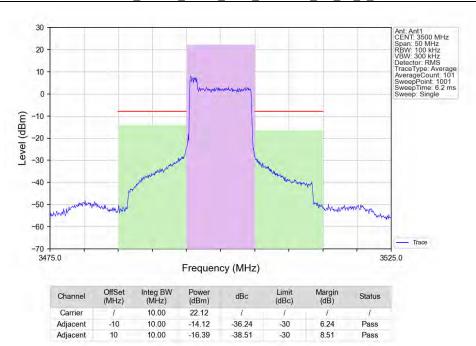


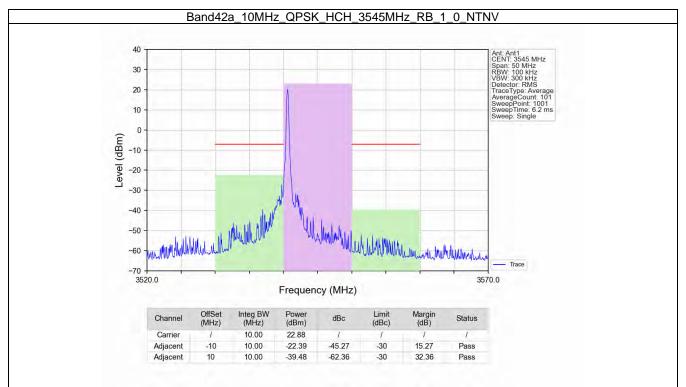




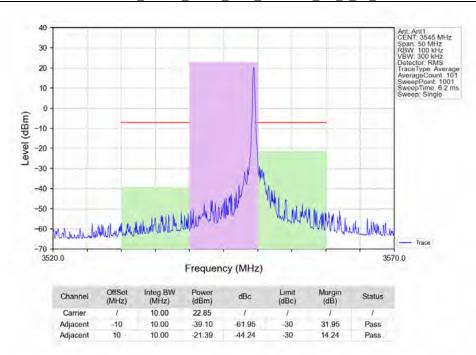


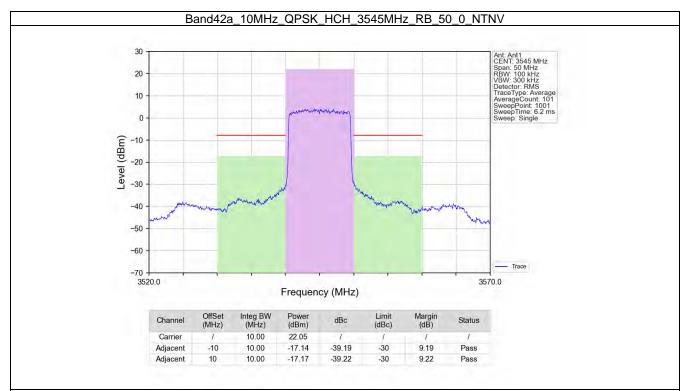
Band42a 10MHz QPSK MCH 3500MHz RB 50 0 NTNV



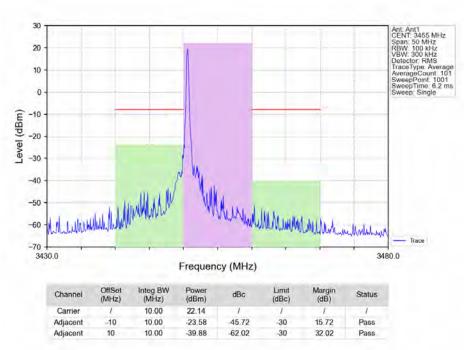


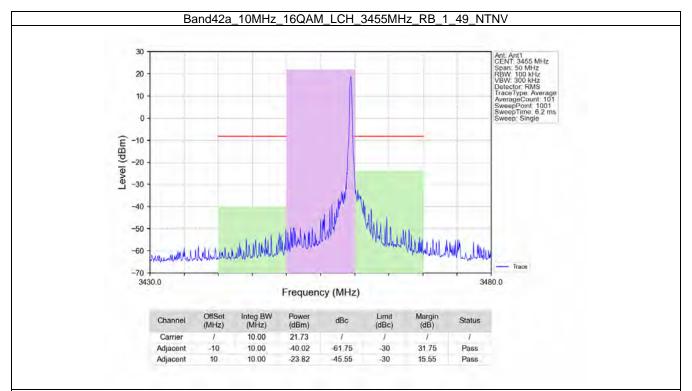
Band42a 10MHz QPSK HCH 3545MHz RB 1 49 NTNV



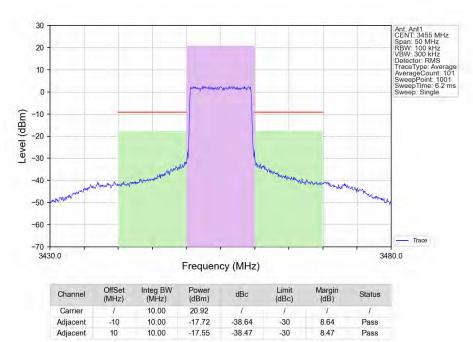


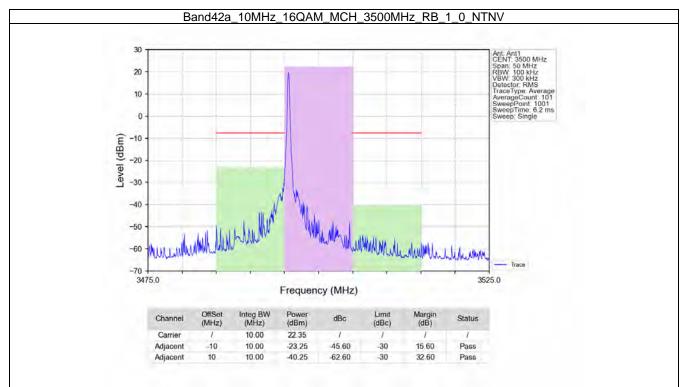
Band42a_10MHz_16QAM_LCH_3455MHz_RB_1_0_NTNV



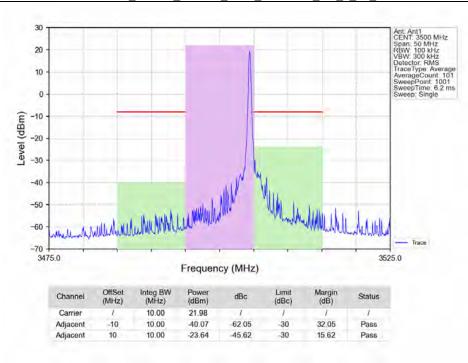


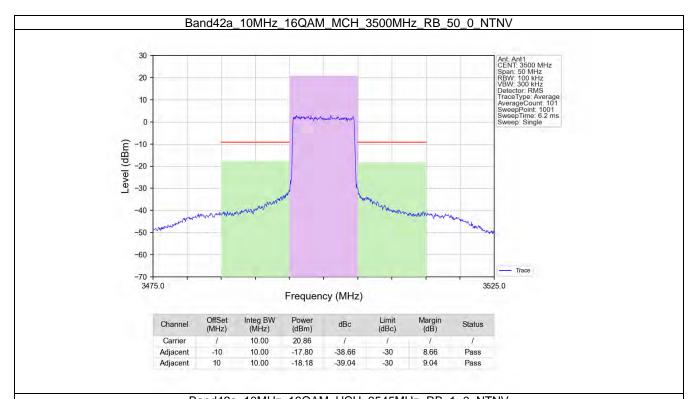




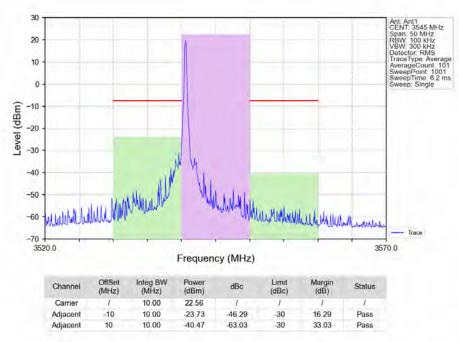


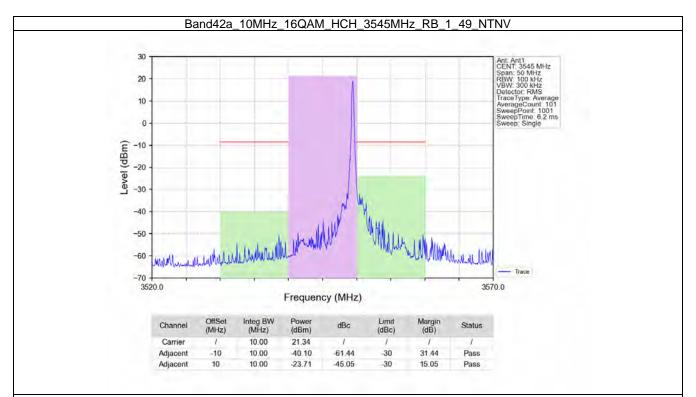
Band42a 10MHz 16QAM MCH 3500MHz RB 1 49 NTNV

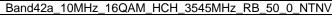


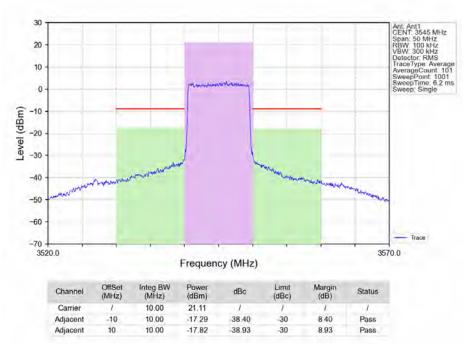


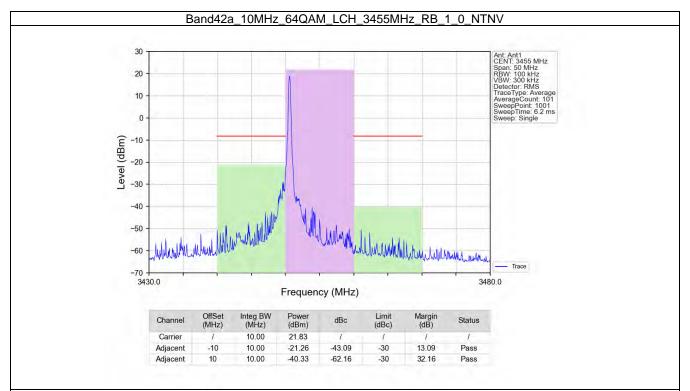
Band42a_10MHz_16QAM_HCH_3545MHz_RB_1_0_NTNV



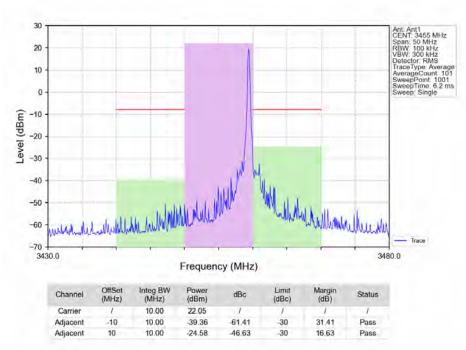


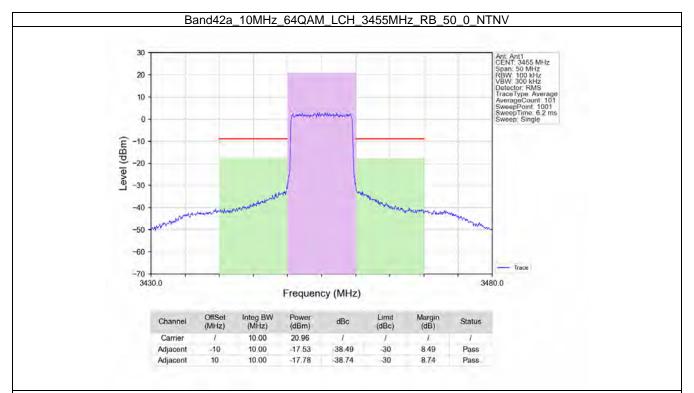




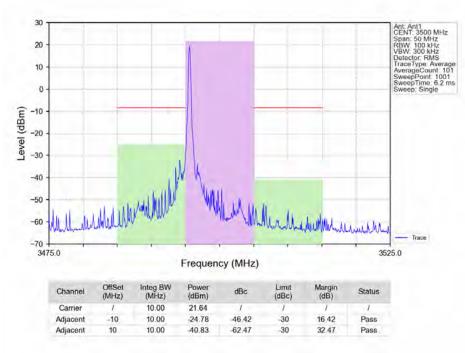


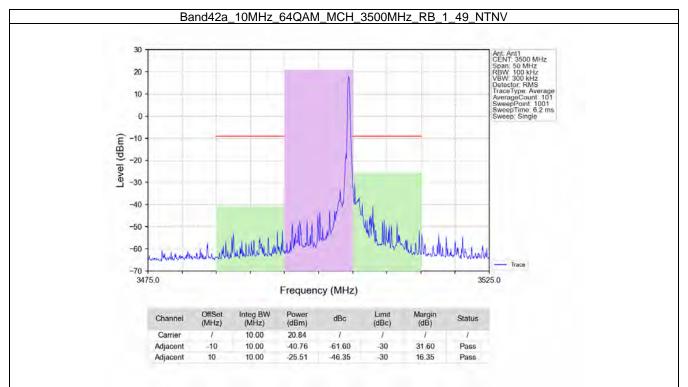




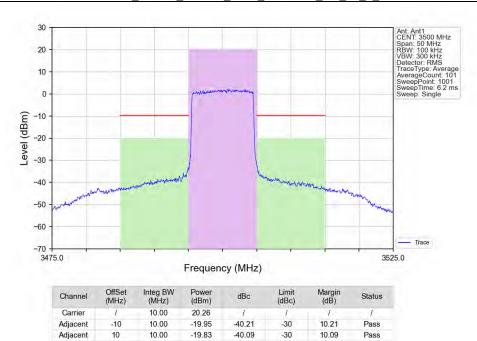


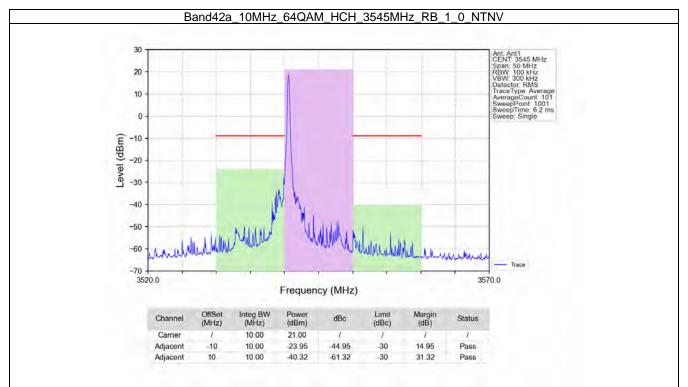
Band42a_10MHz_64QAM_MCH_3500MHz_RB_1_0_NTNV



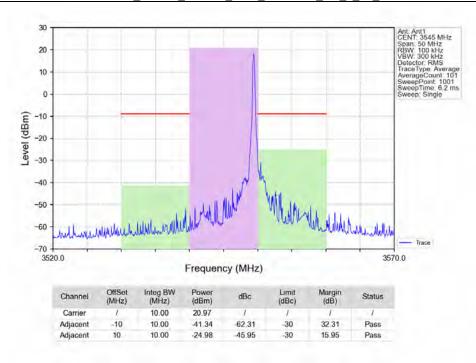


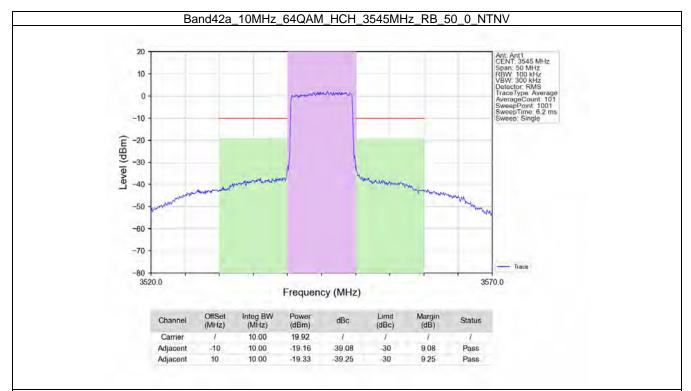
Band42a 10MHz 64QAM MCH 3500MHz RB 50 0 NTNV



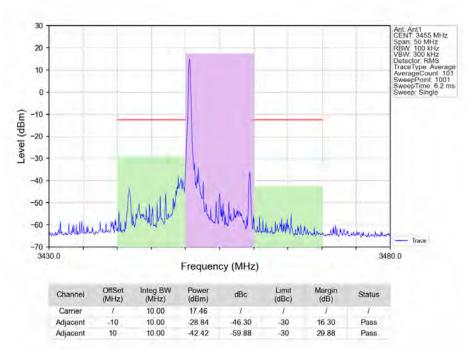


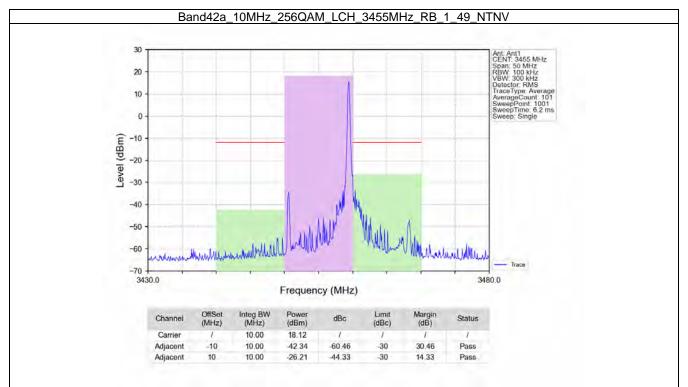
Band42a 10MHz 64QAM HCH 3545MHz RB 1 49 NTNV



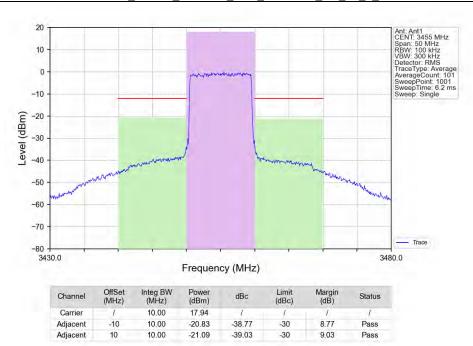


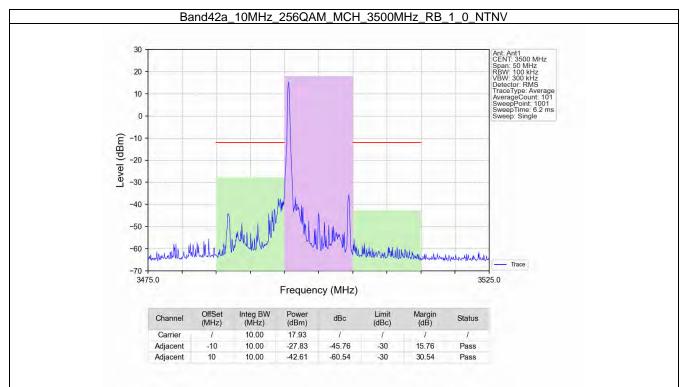
Band42a_10MHz_256QAM_LCH_3455MHz_RB_1_0_NTNV



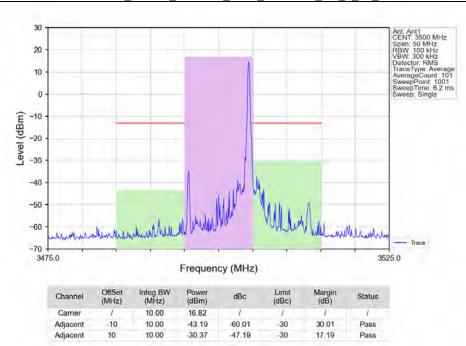


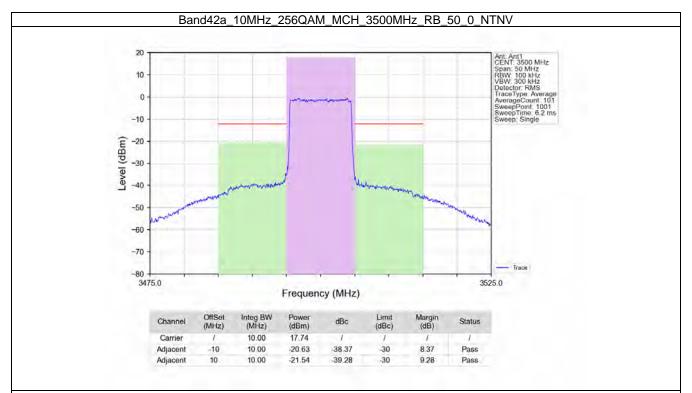
Band42a 10MHz 256QAM LCH 3455MHz RB 50 0 NTNV



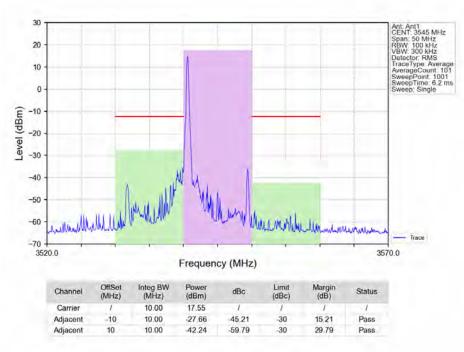


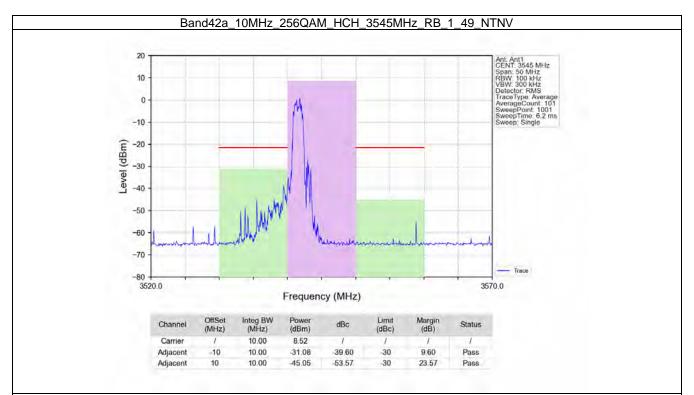
Band42a_10MHz_256QAM_MCH_3500MHz_RB_1_49_NTNV



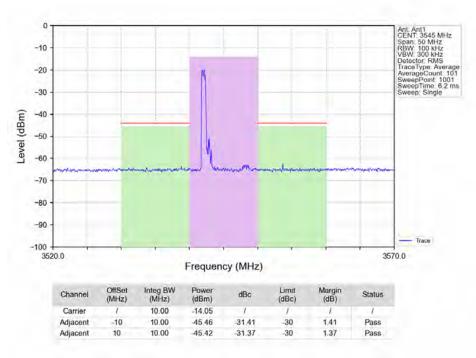


Band42a_10MHz_256QAM_HCH_3545MHz_RB_1_0_NTNV

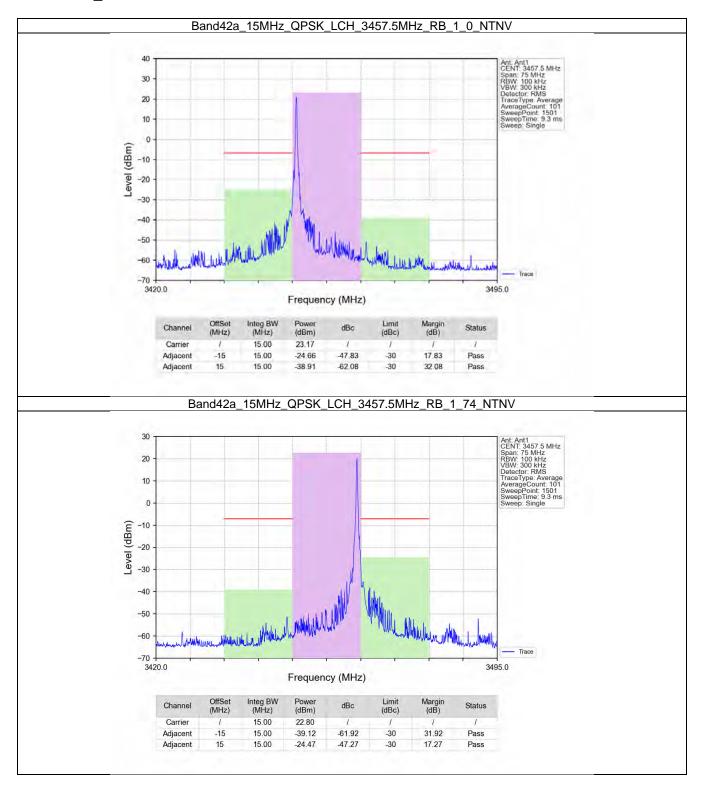


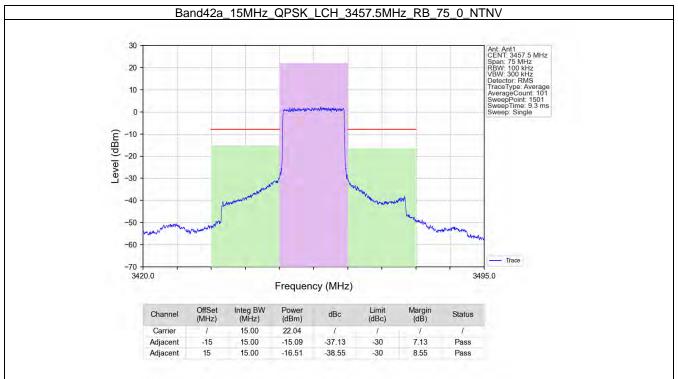


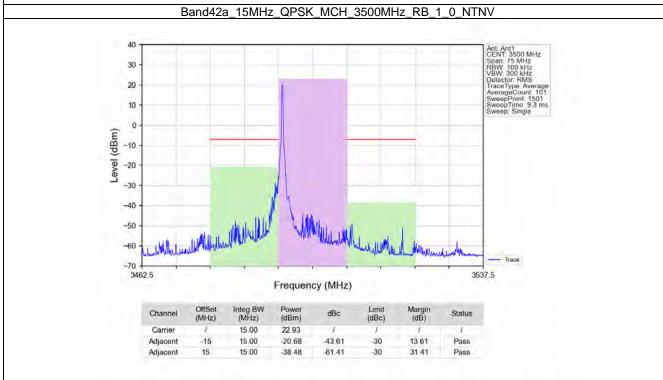


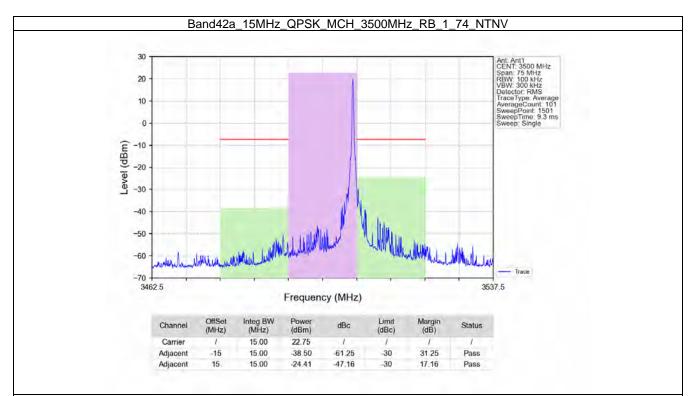


7.2.3 B42a_15MHz

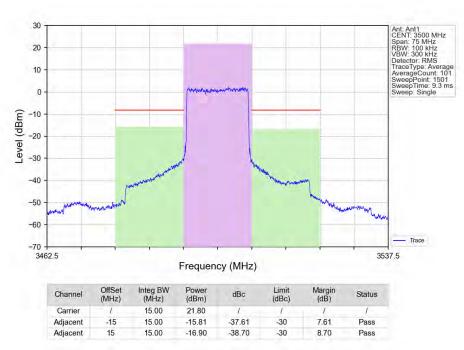


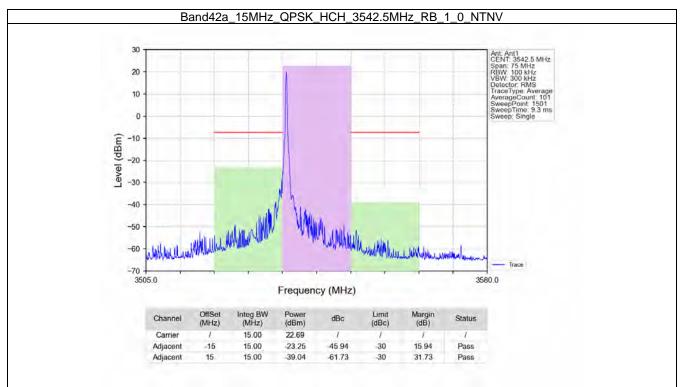




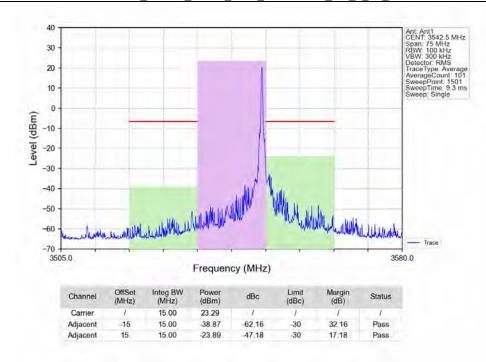


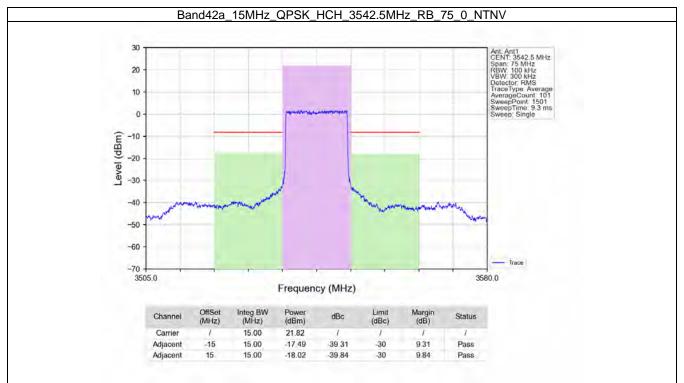




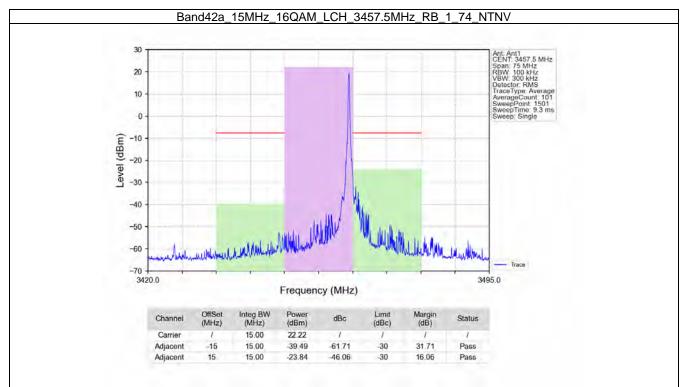


Band42a 15MHz QPSK HCH 3542.5MHz RB 1_74 NTNV

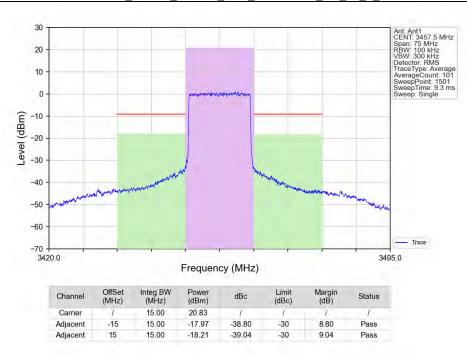


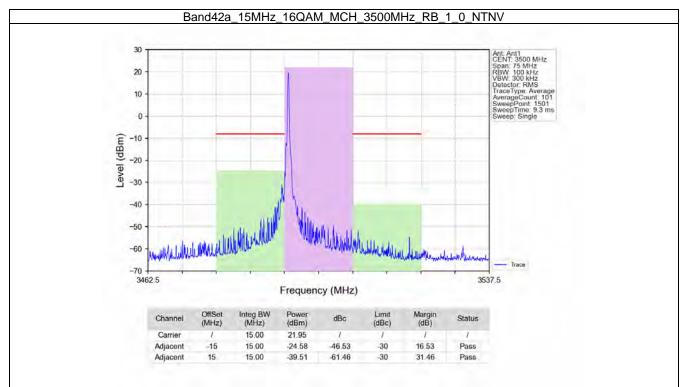


Band42a 15MHz 16QAM LCH 3457.5MHz RB 1 0 NTNV 30 Ant: Ant1 CENT: 3457.5 MHz Span: 75 MHz RBW: 100 kHz VBW: 300 kHz Detector: RMS TraceType: Average AverageCount: 101 SweepPoint: 1501 SweepTime: 9.3 ms Sweep; Single 20 10 0 Level (dBm) -10 -20 -30 -40 -50 -60 -70 3420.0 3495.0 Frequency (MHz) OffSet (MHz) Integ BW (MHz) Limit Margin (dB) Channel Status dBc (dBm) (dBc) Carrier 15.00 21.61 Adjacent -15 15.00 -24.48 46 09 -30 16.09 Pass -39.21 -60.82 Adjacent 15 15.00 -30 30.82 Pass

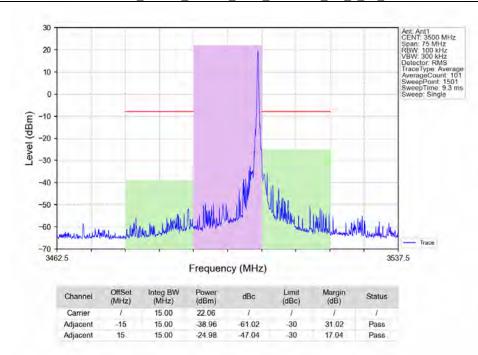


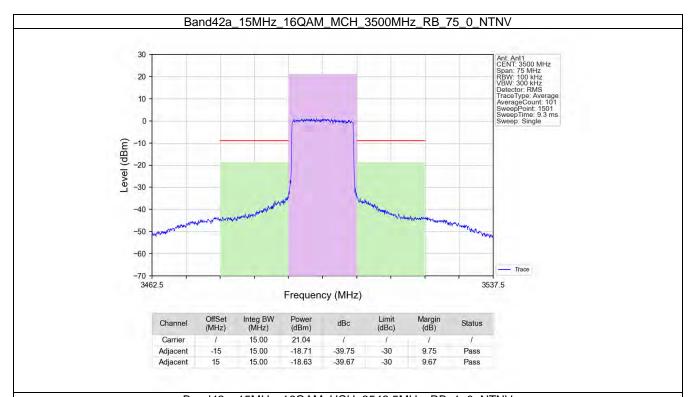
Band42a 15MHz 16QAM LCH 3457.5MHz RB 75 0 NTNV



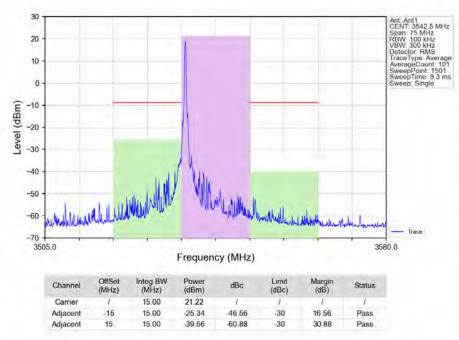


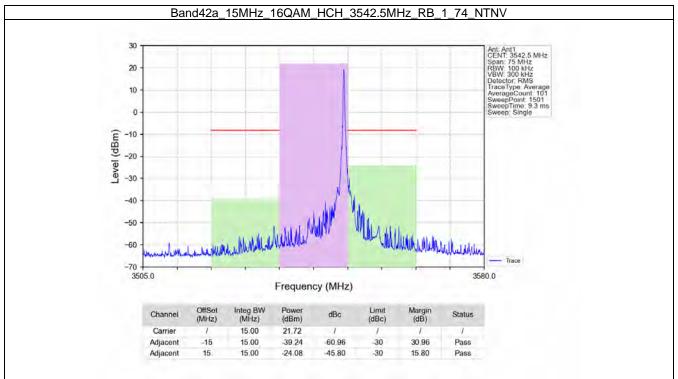
Band42a 15MHz 16QAM MCH 3500MHz RB 1 74 NTNV

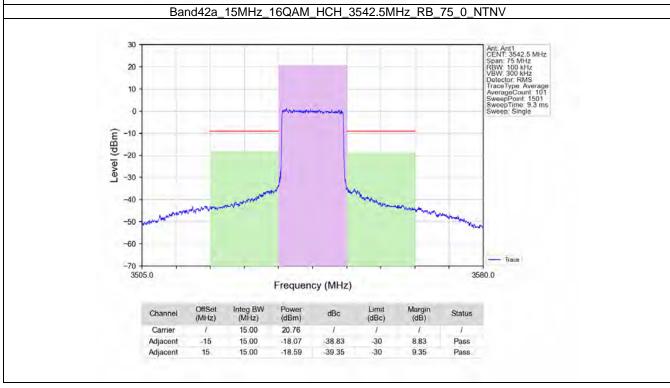


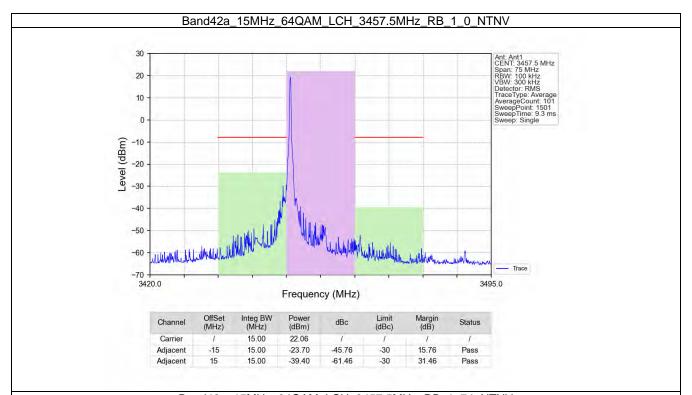


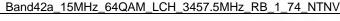
Band42a_15MHz_16QAM_HCH_3542.5MHz_RB_1_0_NTNV

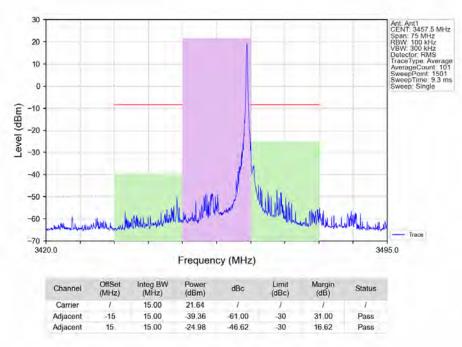


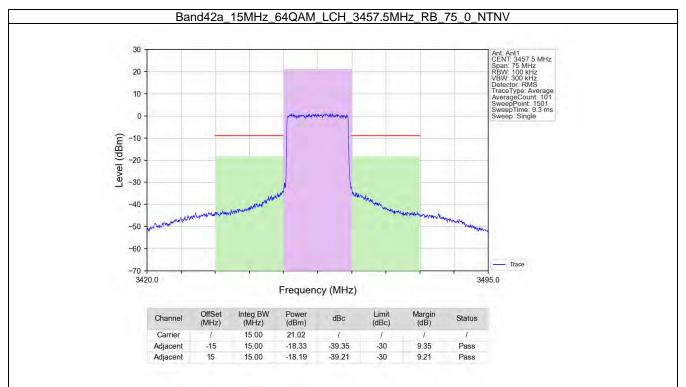




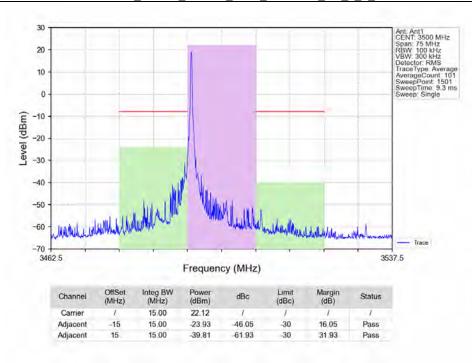


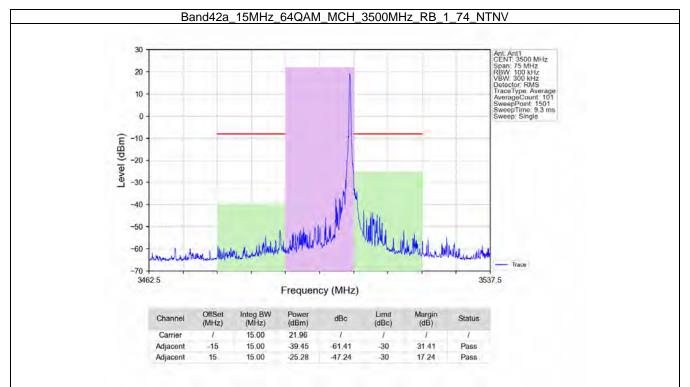




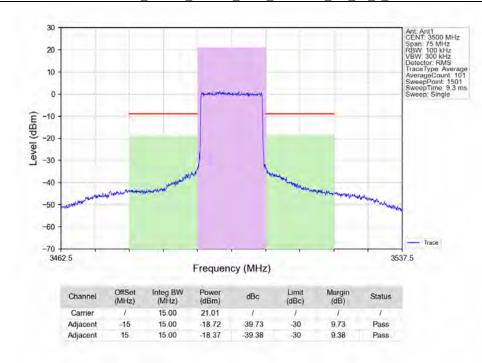


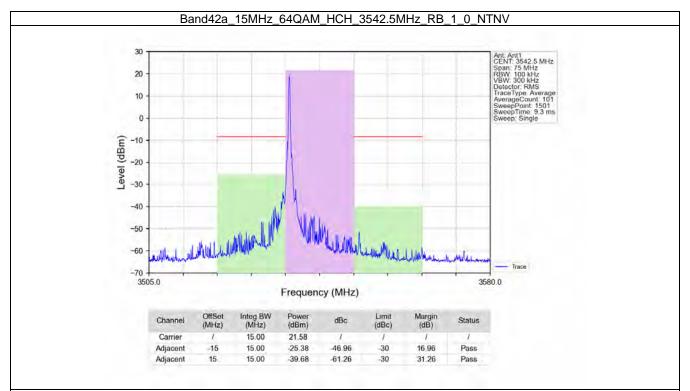
Band42a_15MHz_64QAM_MCH_3500MHz_RB_1_0_NTNV



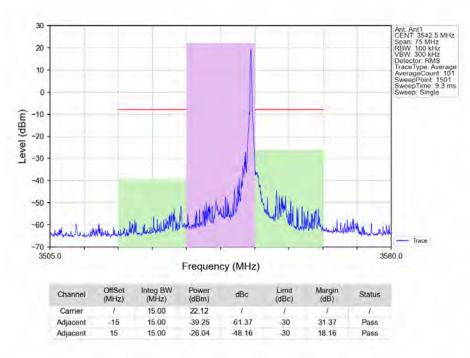


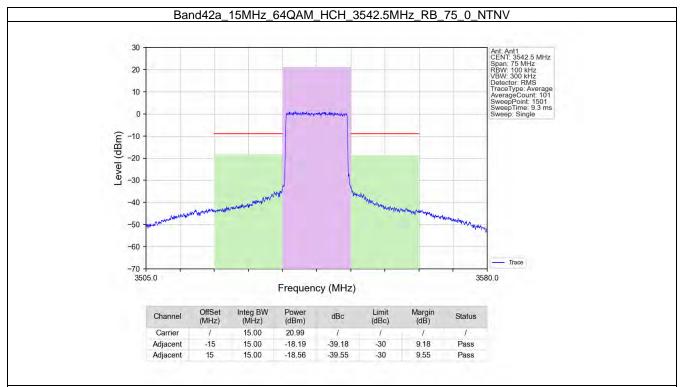
Band42a 15MHz 64QAM MCH 3500MHz RB 75 0 NTNV



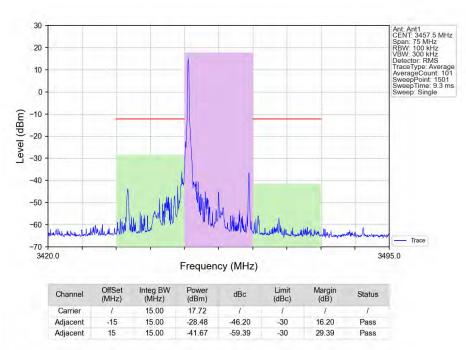


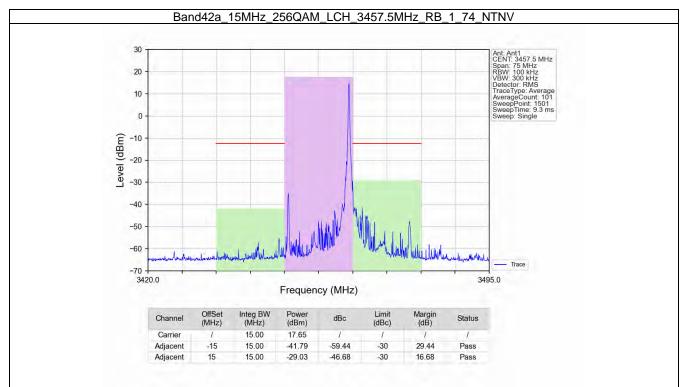




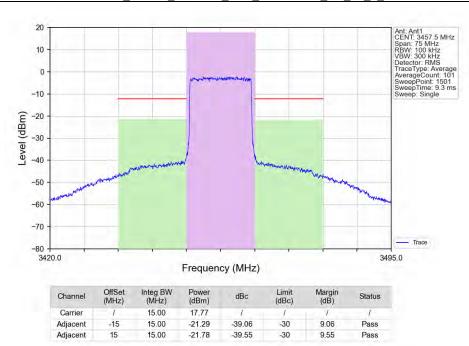


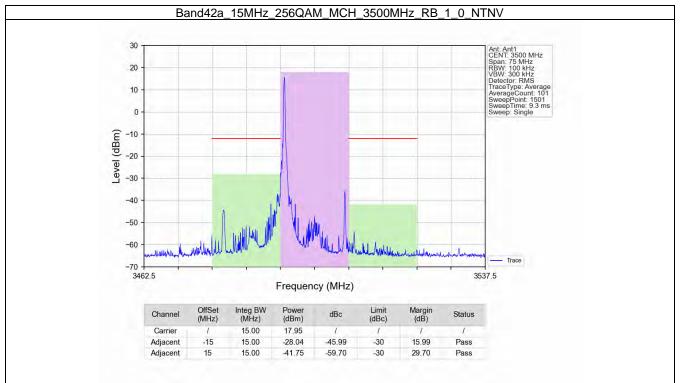




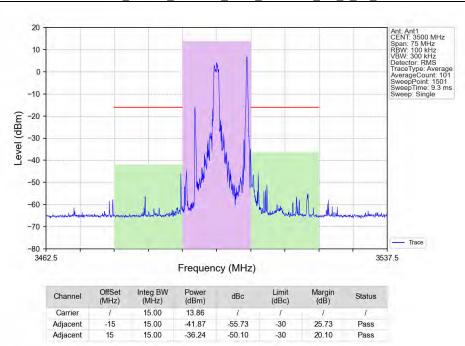


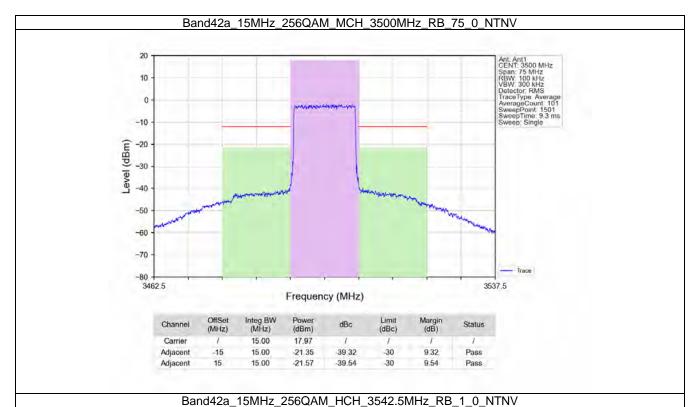
Band42a_15MHz_256QAM_LCH_3457.5MHz_RB_75_0_NTNV

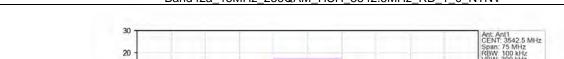


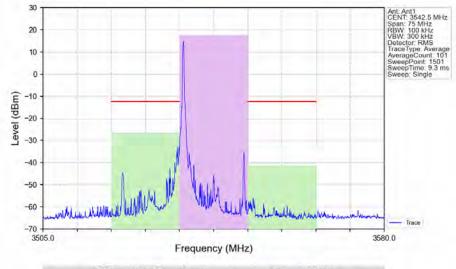


Band42a_15MHz_256QAM_MCH_3500MHz_RB_1_74_NTNV

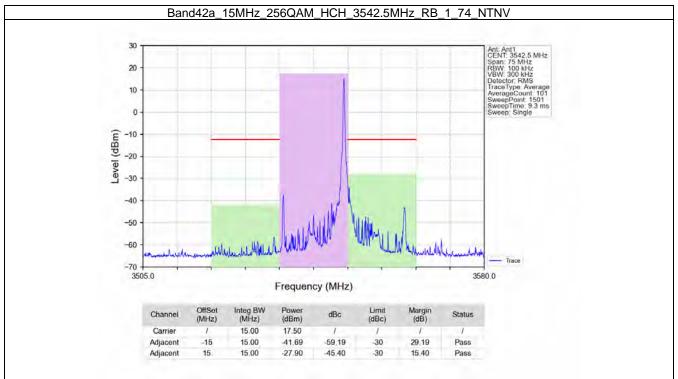


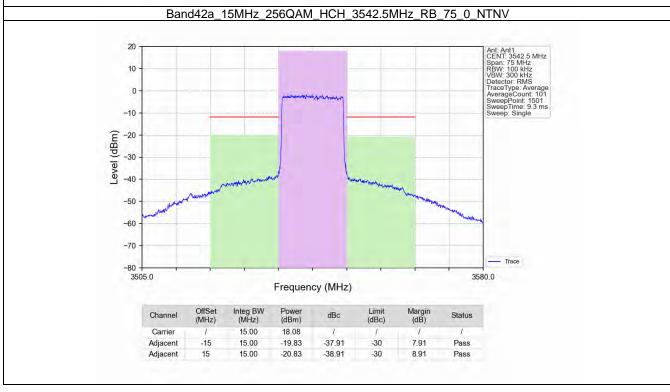




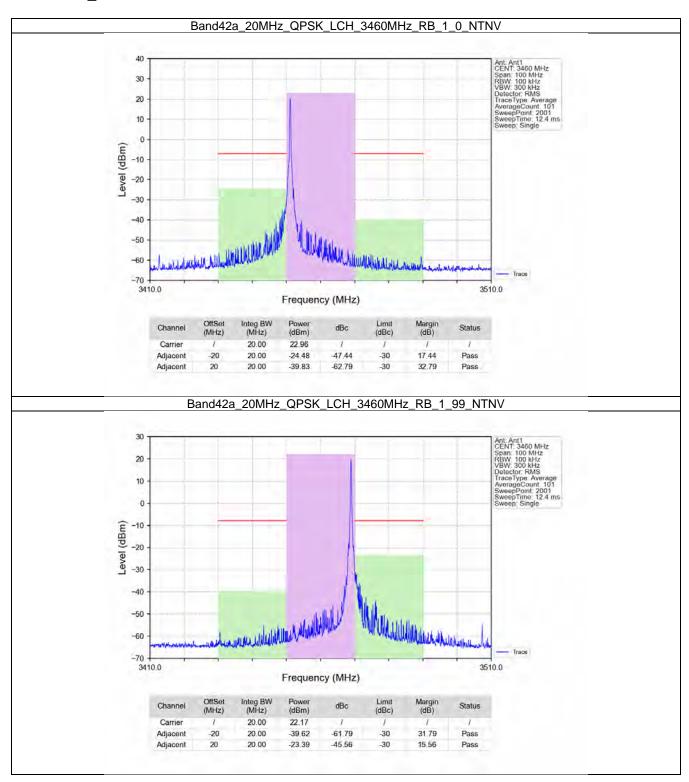


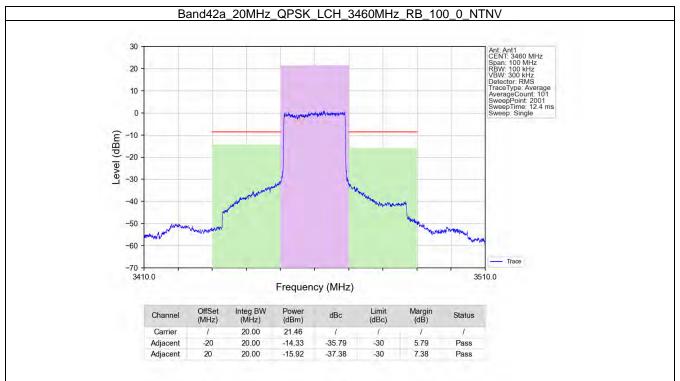
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	1	15.00	17.56	1	1	T	1
Adjacent	-15	15.00	-26.48	-44.04	-30	14.04	Pass
Adjacent	15	15.00	-41.45	-59.01	-30	29.01	Pass



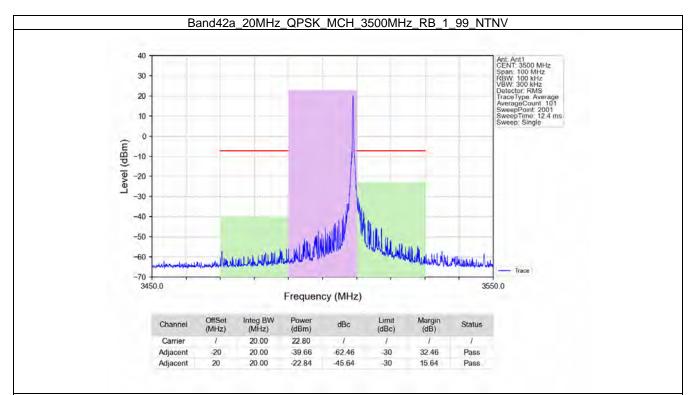


7.2.4 B42a_20MHz

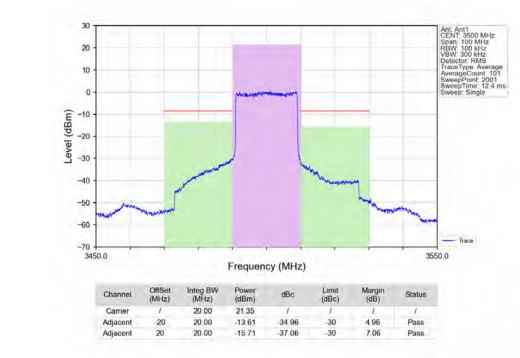


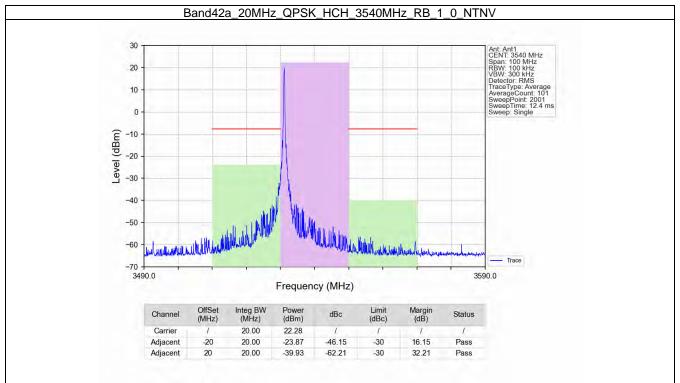


Band42a 20MHz QPSK MCH 3500MHz RB 1 0 NTNV 40 Ant: Ant1 CENT: 3500 MHz Span: 100 MHz RBW: 100 kHz VBW: 300 kHz Detector: RMS Trace Type: Average AverageCount: 101 SweepPoint: 2001 SweepTime: 12.4 ms Sweep; Single 30 20 10 Level (dBm) -10 -20 -30 -40 -50 -60 -70 3450.0 3550.0 Frequency (MHz) OffSet (MHz) Integ BW (MHz) Limit Margin (dB) Channel Status dBc (dBm) (dBc) Carrier 20.00 23.31 -30 20.00 -23.50 46.81 16.81 Pass Adjacent -20 -39.53 Adjacent 20 20.00 -62.84 -30 32.84 Pass

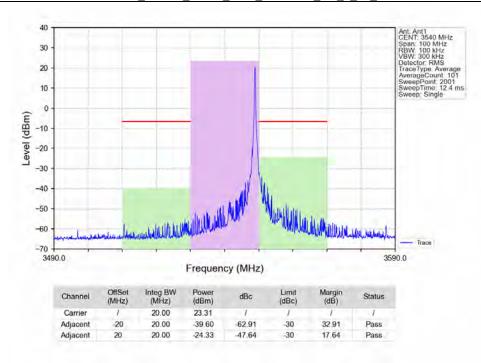


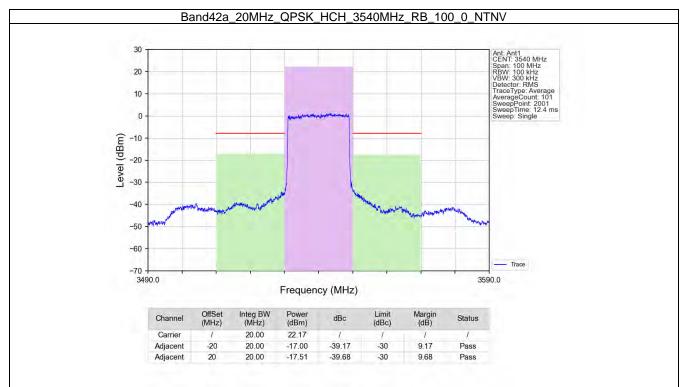




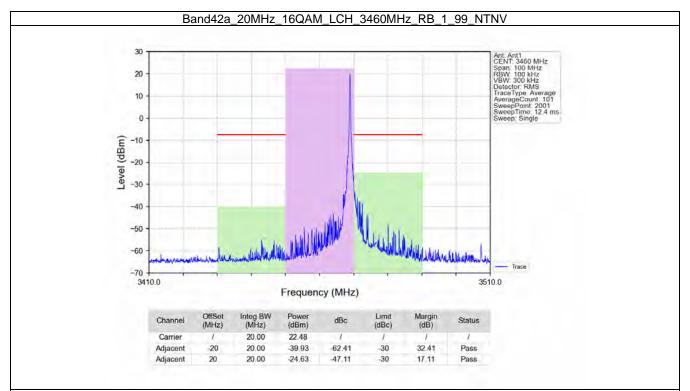


Band42a 20MHz QPSK HCH 3540MHz RB 1 99 NTNV

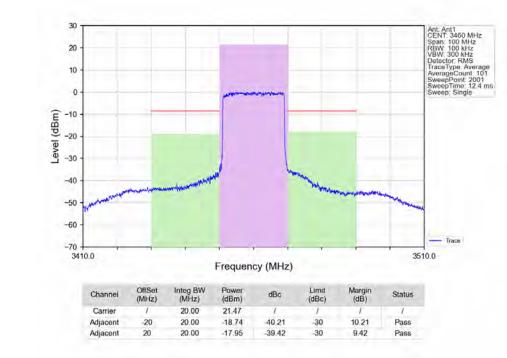


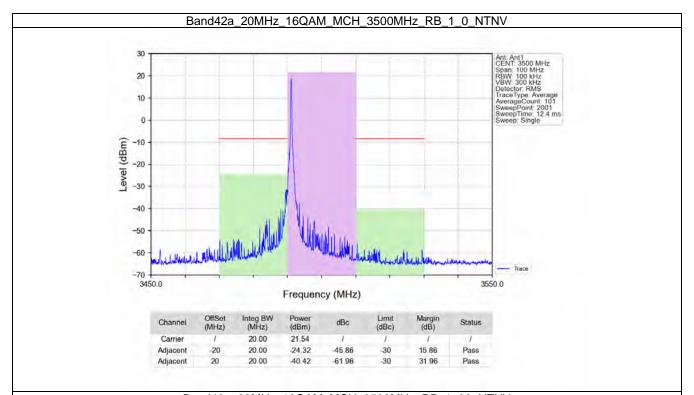


Band42a 20MHz 16QAM LCH 3460MHz RB 1 0 NTNV 40 Ant: Ant1 CENT: 3460 MHz Span: 100 MHz RBW: 100 kHz VBW: 300 kHz Detector: RMS TraceType Average AverageCount: 101 SweepPoint: 2001 SweepTime: 12.4 ms Sweep; Single 30 20 10 Level (dBm) -10 -20 -30 -40 -50 -60 -70 3410.0 3510.0 Frequency (MHz) Integ BW (MHz) OffSet Power (dBm) Limit (dBc) Margin (dB) Channel Status dBc (MHz) Carrier 20.00 22.83 46.87 -30 16.87 20.00 -24.04 Pass Adjacent -20 -39.98 Adjacent 20 20.00 -62.81 -30 32.81 Pass

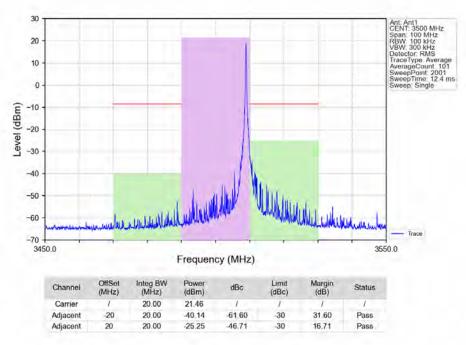


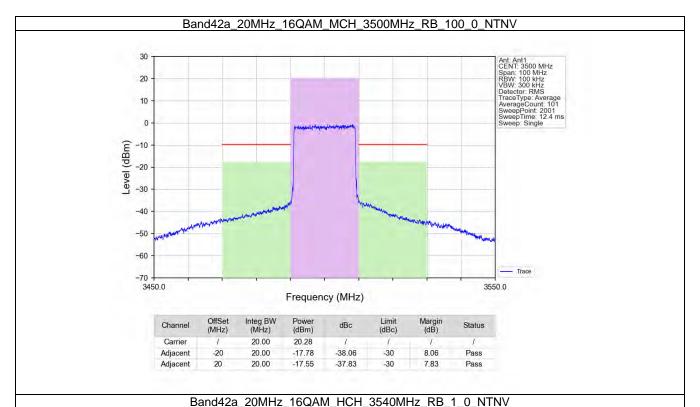


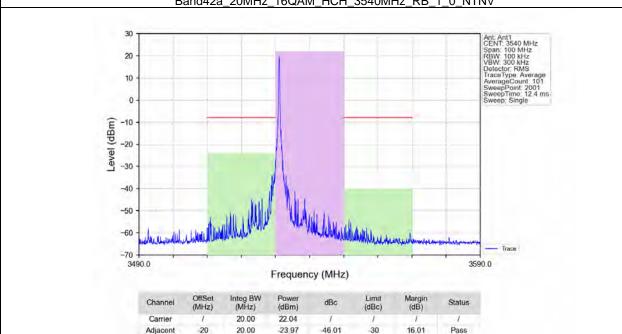




Band42a_20MHz_16QAM_MCH_3500MHz_RB_1_99_NTNV







Adjacent

20

20.00

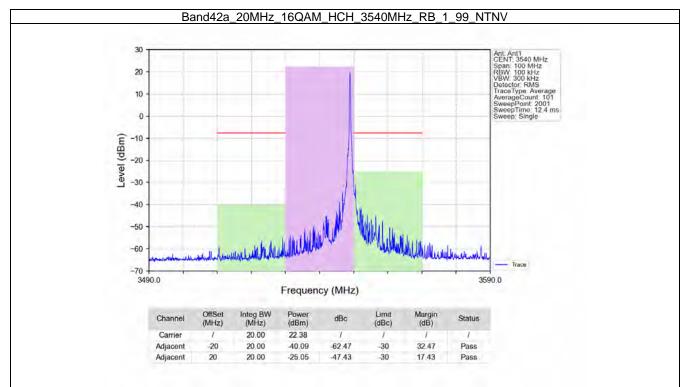
40.01

-62.05

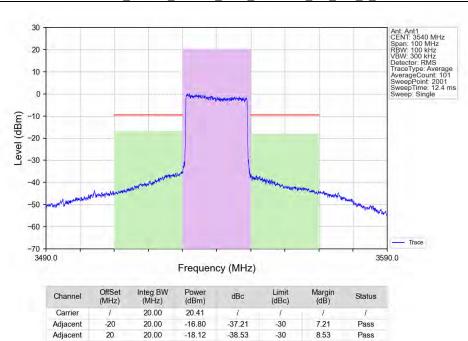
-30

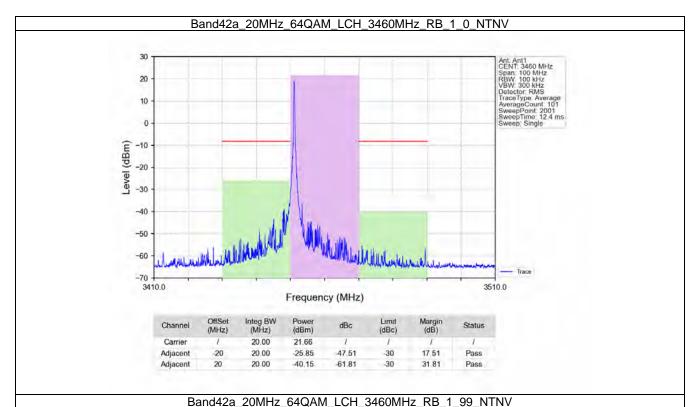
32.05

Pass



Band42a 20MHz 16QAM HCH 3540MHz RB 100 0 NTNV





Band42a_20MH2_64QAM_LCH_3460MH2_RB_1_99_NTNV

