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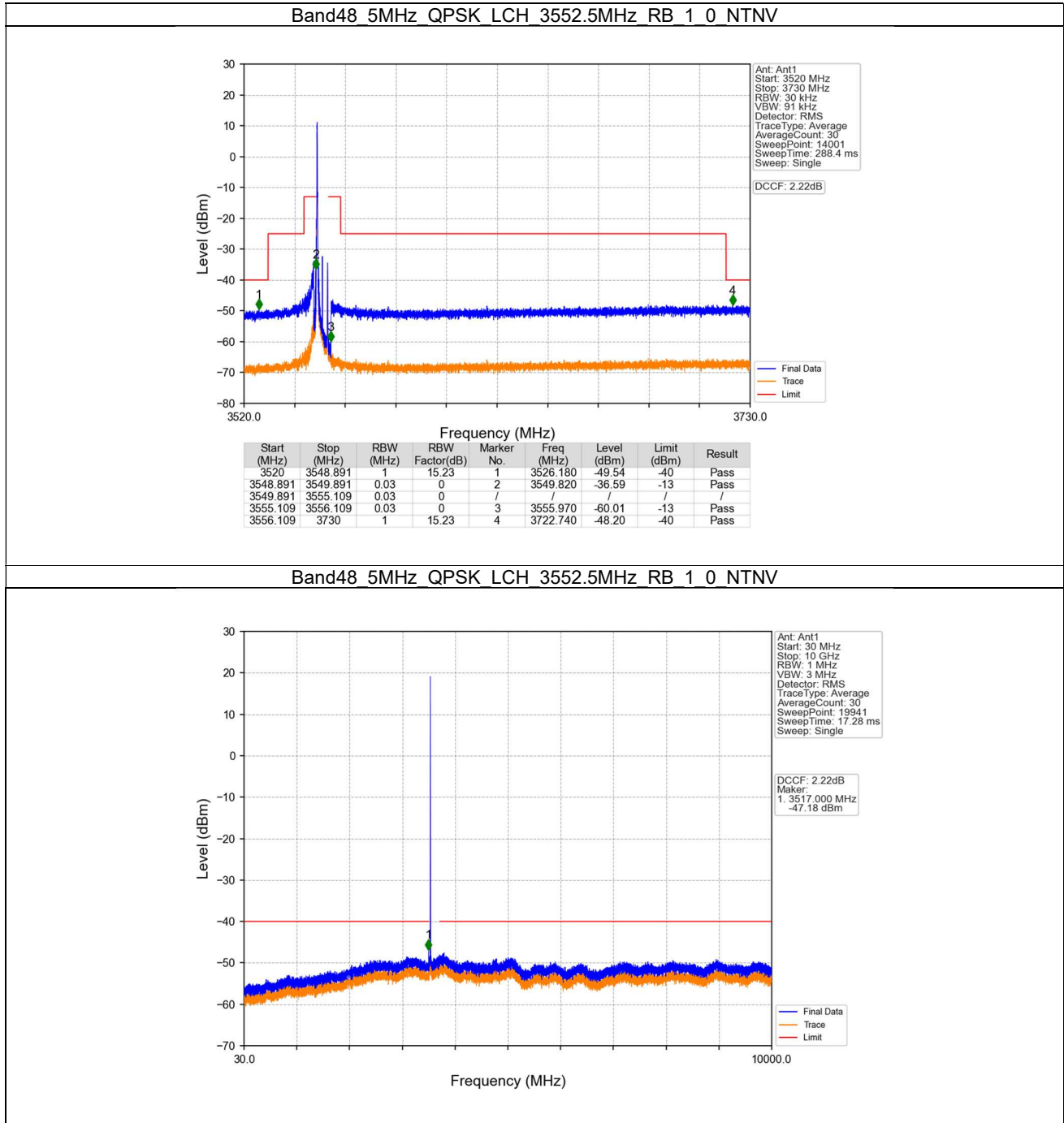
## 1. Spurious Emission

### 1.1 B48\_5MHz

#### 1.1.1 Test Result

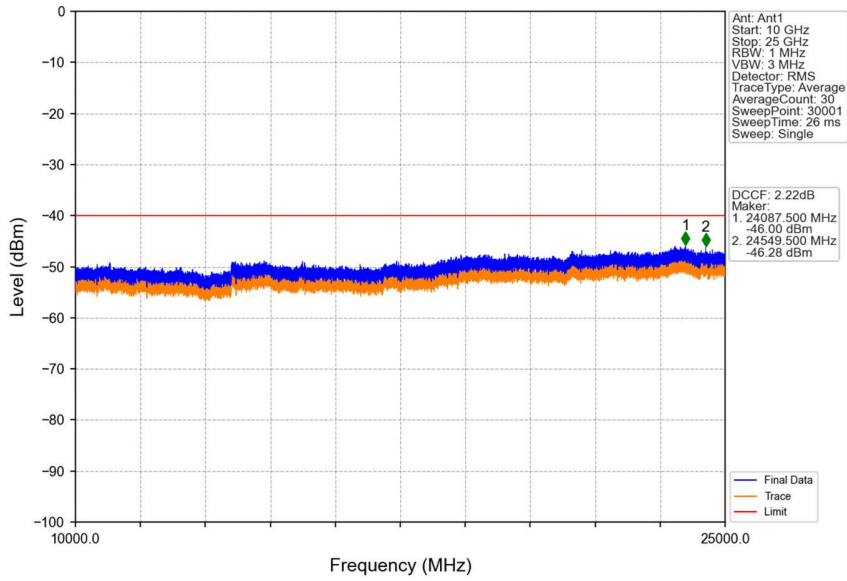
Band: 48 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3552.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	3697.5	1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	3552.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	3697.5	1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	3552.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	3697.5	1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

### 1.1.2 Test Graph

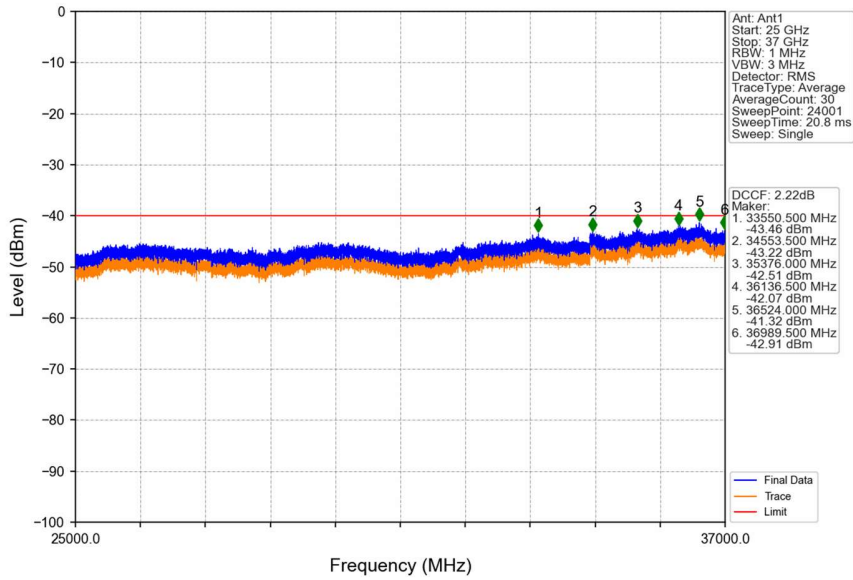




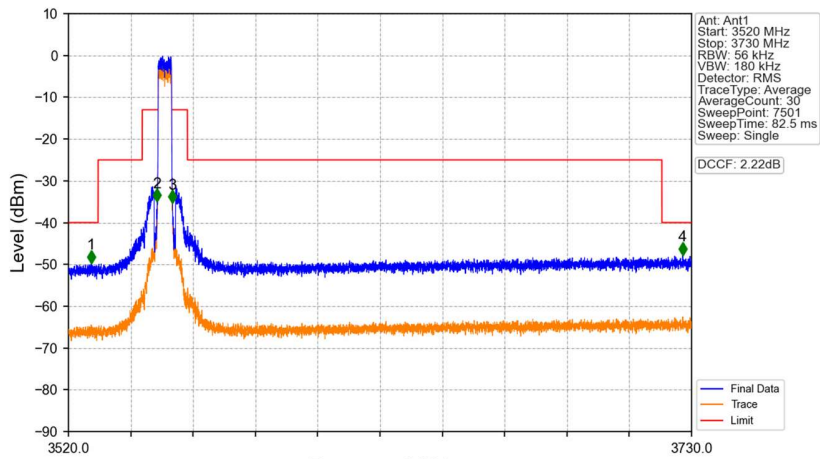
Band48\_5MHz\_QPSK\_LCH\_3552.5MHz\_RB\_1\_0\_NTNV



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

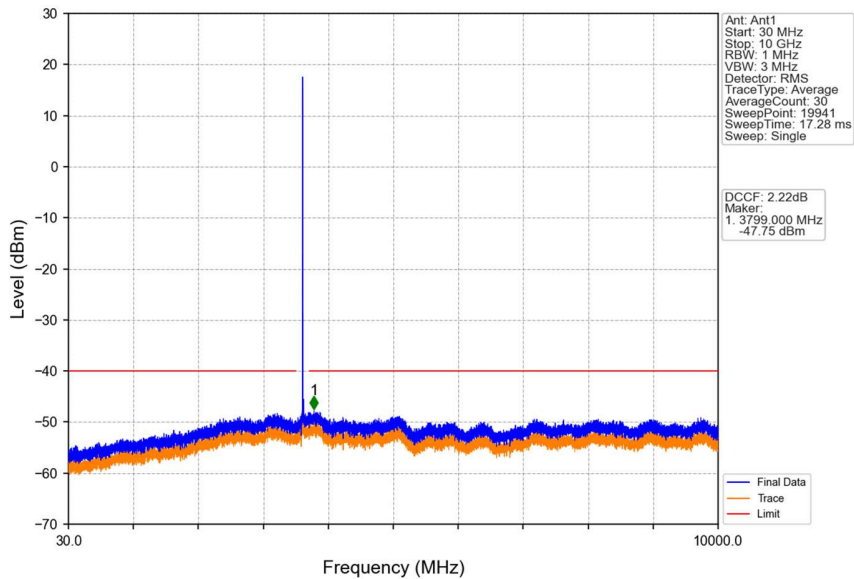


Band48\_5MHz\_QPSK\_LCH\_3552.5MHz\_RB\_25\_0\_NTNV



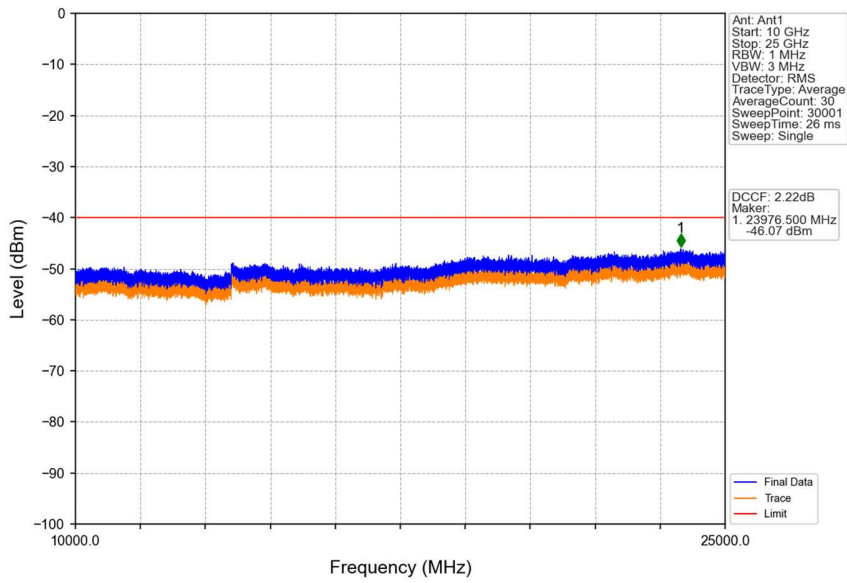
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3548.891	1	12.52	1	3527.672	-49.70	-40	Pass
3548.891	3549.891	0.056	0	2	3549.876	-34.98	-13	Pass
3549.891	3555.109	0.056	0	/	/	/	/	/
3555.109	3556.109	0.056	0	3	3555.112	-35.30	-13	Pass
3556.109	3730	1	12.52	4	3727.032	-47.77	-40	Pass

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

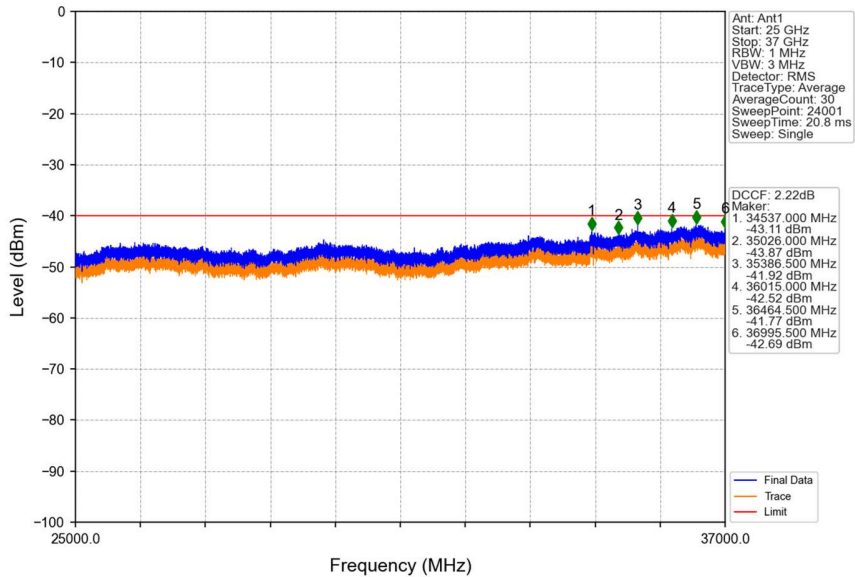




Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV

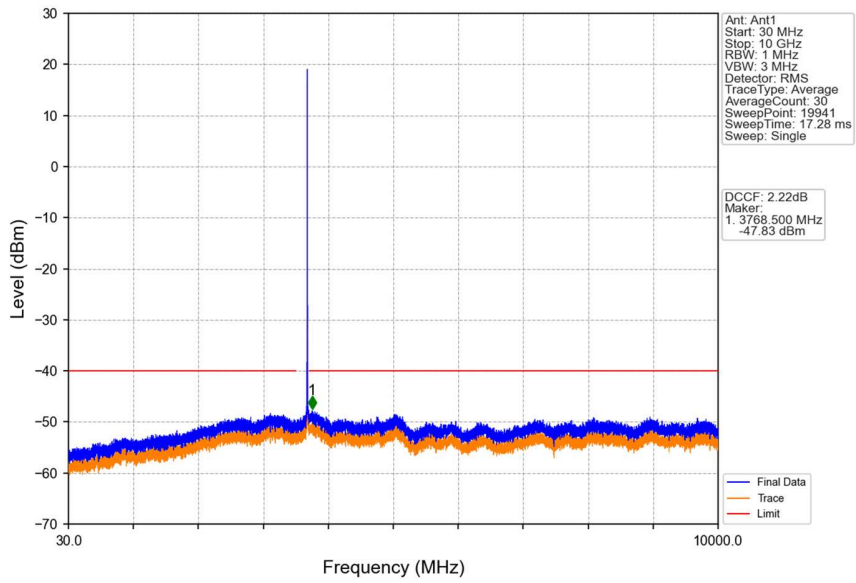


Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV

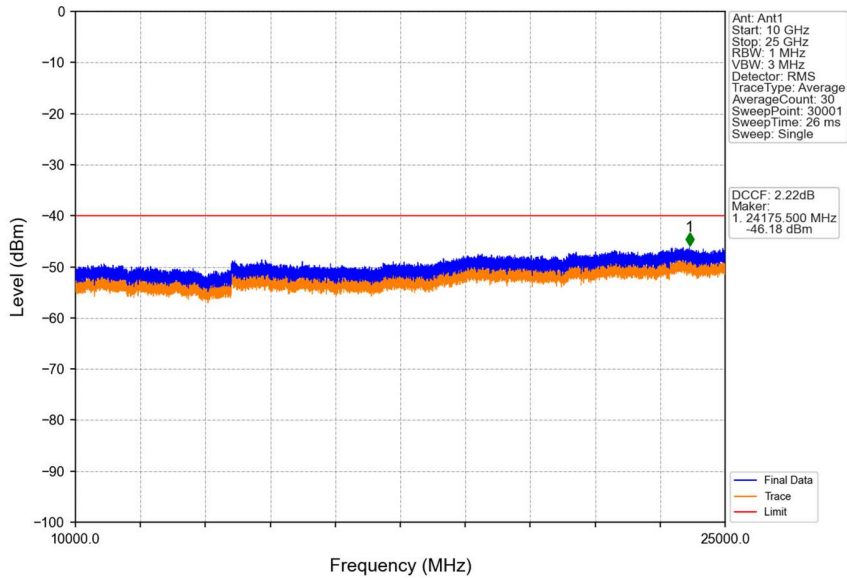




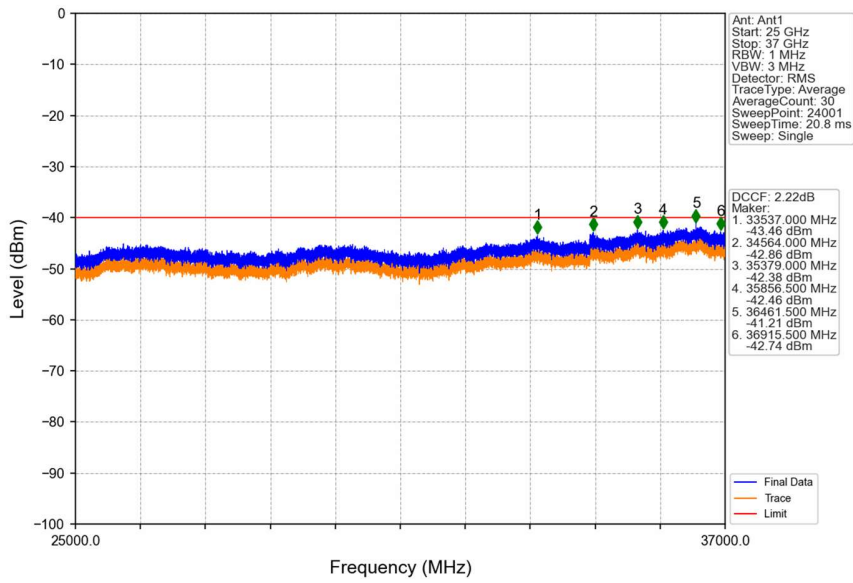
Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_1\_0\_NTNV



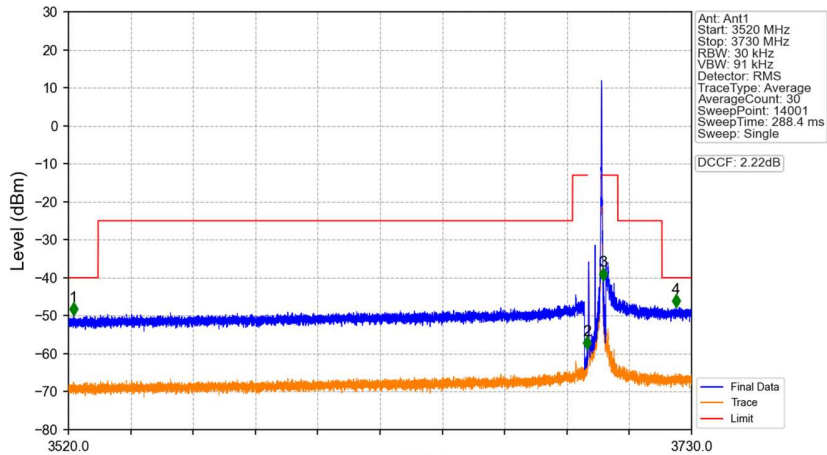
Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_1\_0\_NTNV



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



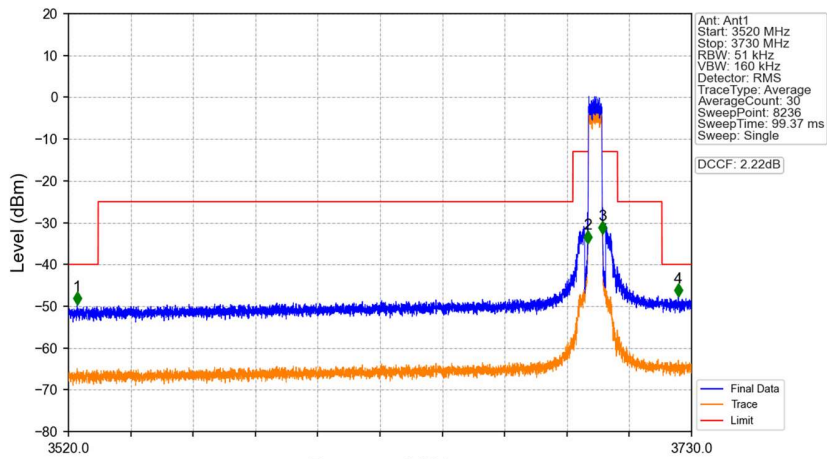
Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_1\_24\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3693.884	1	15.23	1	3521.740	-50.01	-40	Pass
3693.884	3694.884	0.03	0	2	3694.810	-58.86	-13	Pass
3694.884	3700.116	0.03	0	/	/	/	/	/
3700.116	3701.116	0.03	0	3	3700.135	-40.73	-13	Pass
3701.116	3730	1	15.23	4	3724.690	-47.77	-40	Pass

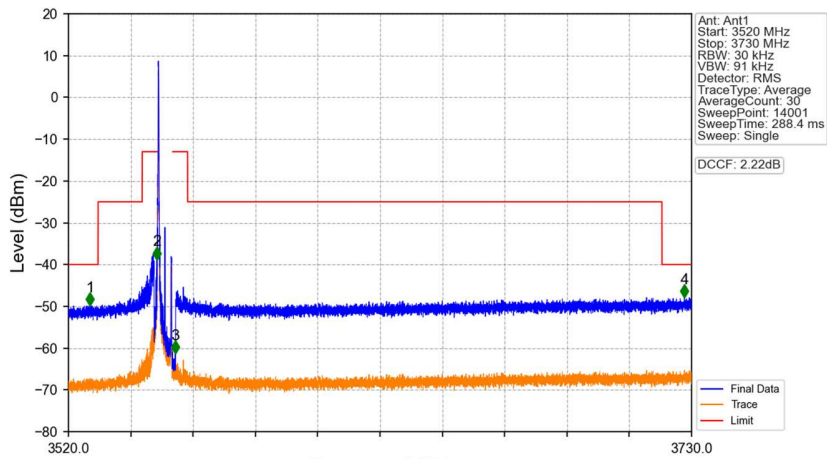


Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



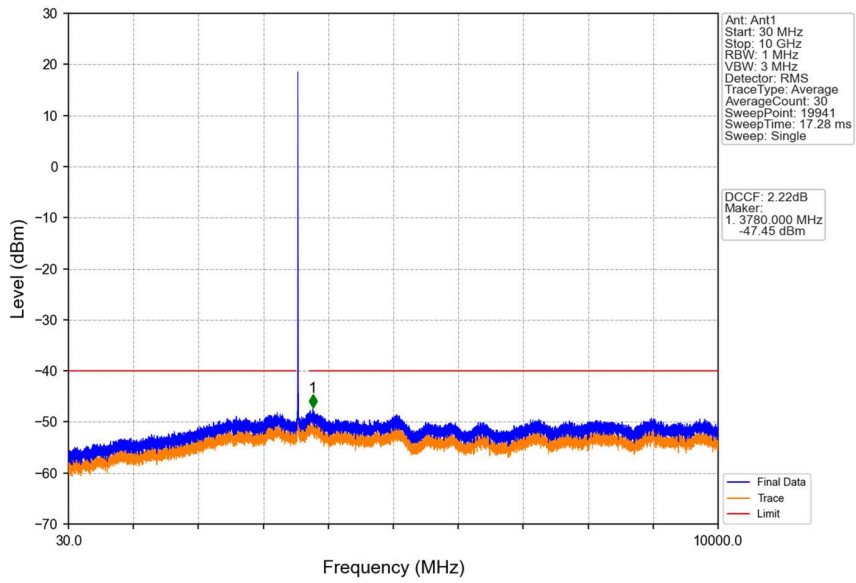
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3693.98	1	12.92	1	3522.907	-49.73	-40	Pass
3693.98	3694.98	0.051	0	2	3694.962	-34.95	-13	Pass
3694.98	3700.021	0.051	0	3	3700.036	-32.78	-13	Pass
3700.021	3701.021	0.051	0	4	3725.537	-47.78	-40	Pass

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

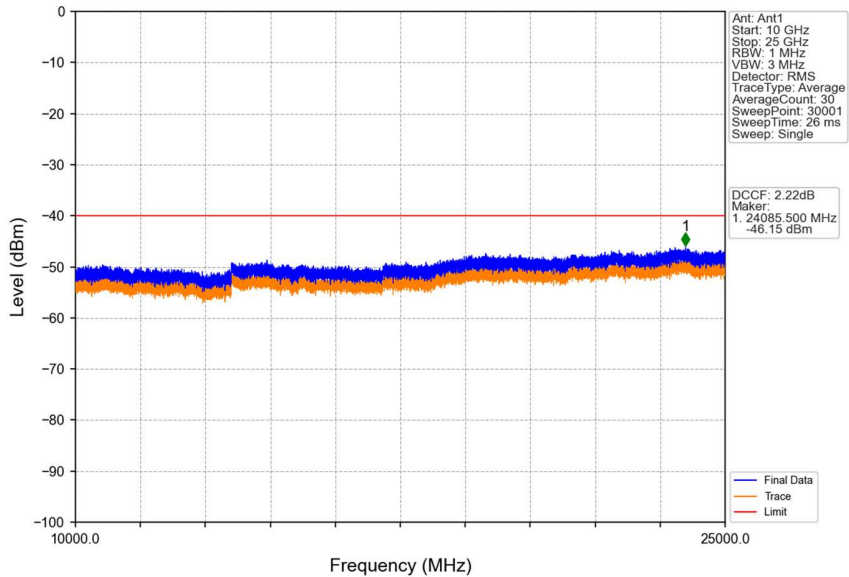


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3548.859	1	15.23	1	3527.290	-49.79	-40	Pass
3548.859	3549.859	0.03	0	2	3549.835	-38.84	-13	Pass
3549.859	3555.141	0.03	0	3	3556.015	-61.28	-13	Pass
3555.141	3556.141	0.03	0	4	3727.585	-47.88	-40	Pass

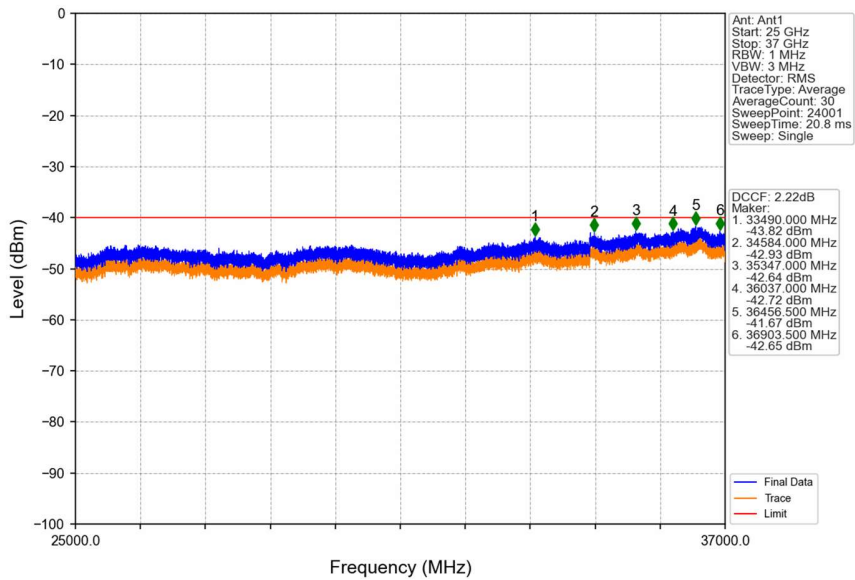
Band48\_5MHz\_16QAM\_LCH\_3552.5MHz\_RB\_1\_0\_NTNV



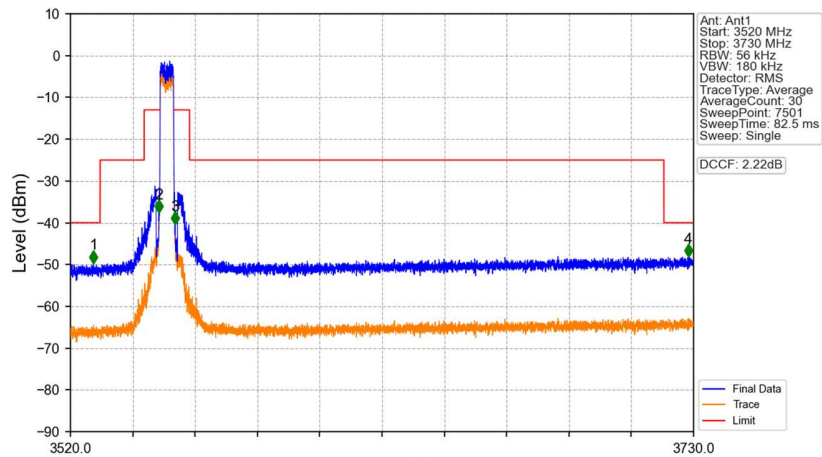
Band48\_5MHz\_16QAM\_LCH\_3552.5MHz\_RB\_1\_0\_NTNV



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

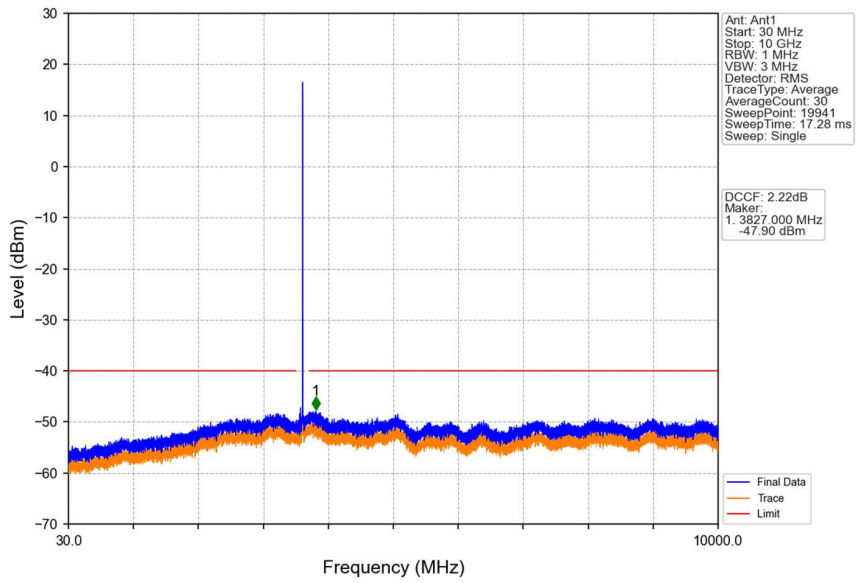


Band48\_5MHz\_16QAM\_LCH\_3552.5MHz\_RB\_25\_0\_NTNV

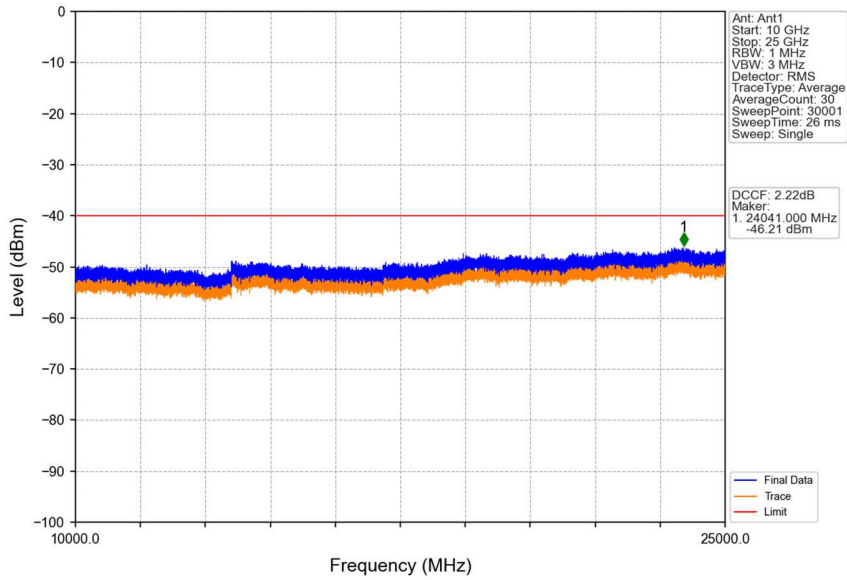


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3548.864	1	12.52	1	3527.784	-49.73	-40	Pass
3548.864	3549.864	0.056	0	2	3549.820	-37.70	-13	Pass
3549.864	3555.136	0.056	0	/	/	/	/	/
3555.136	3556.136	0.056	0	3	3555.224	-40.43	-13	Pass
3556.136	3730	1	12.52	4	3728.264	-48.18	-40	Pass

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

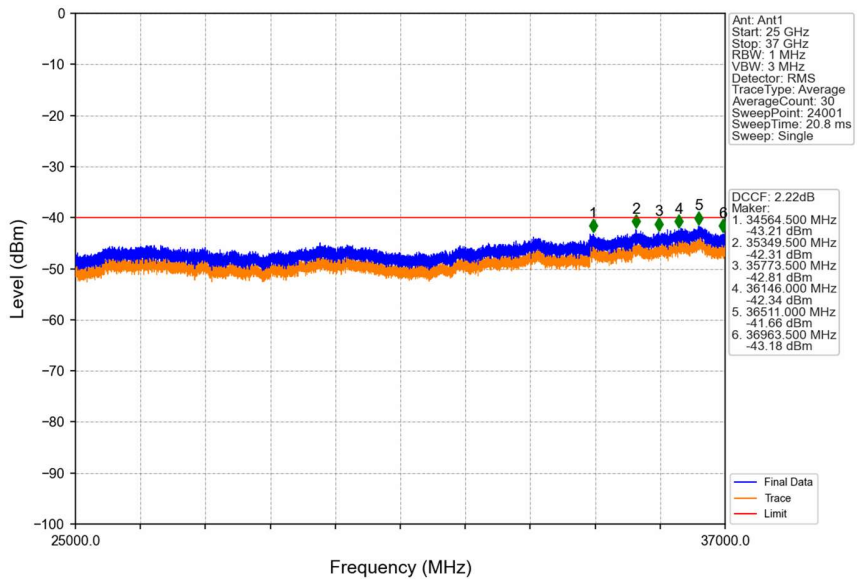


Band48\_5MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV

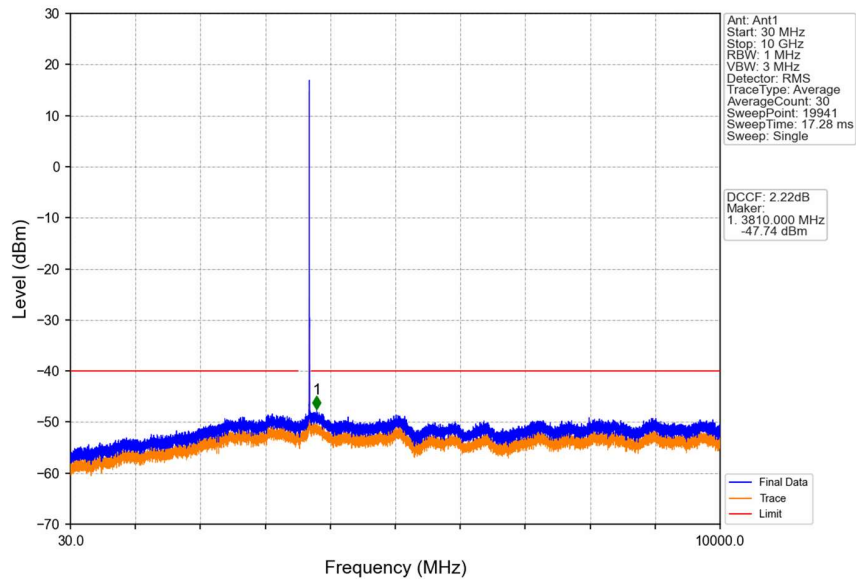




Band48\_5MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV

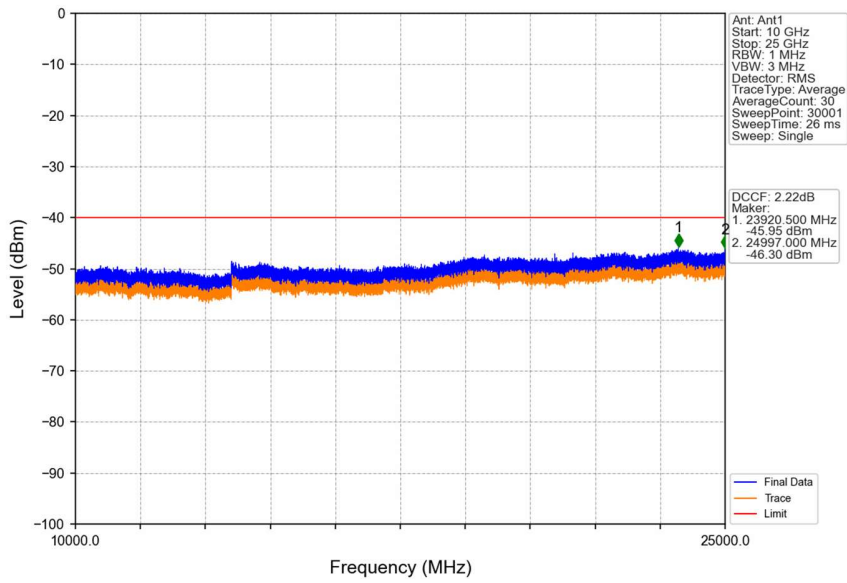


Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_1\_0\_NTNV

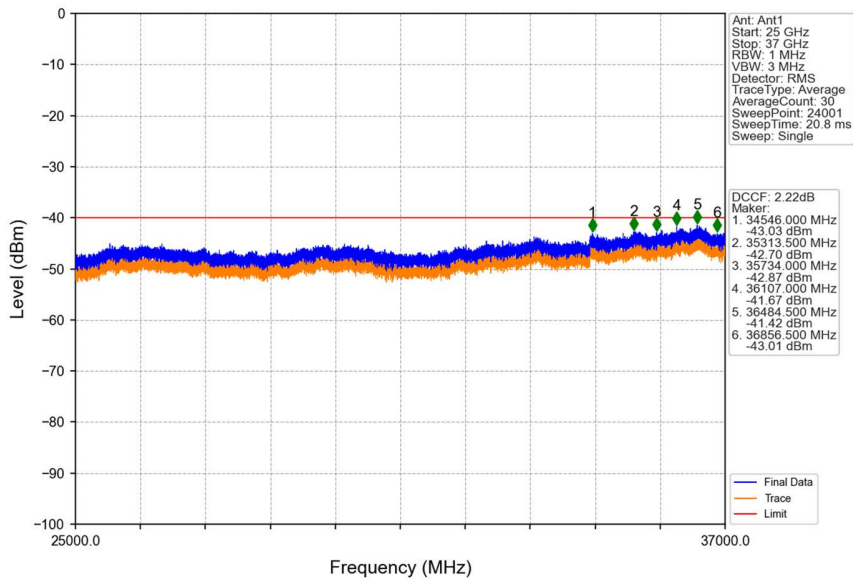




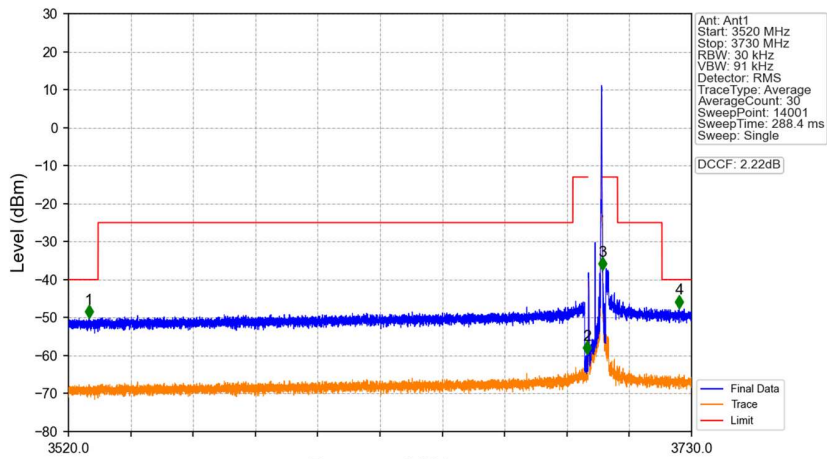
Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_1\_0\_NTNV



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

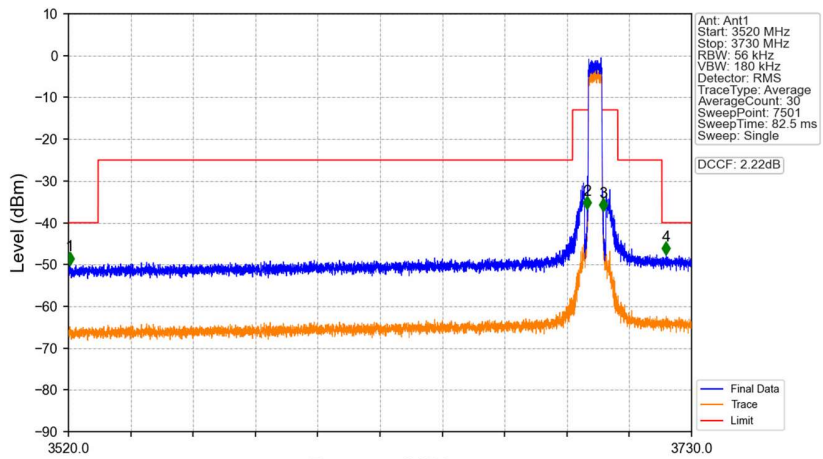


Band48\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_1\_24\_NTNV



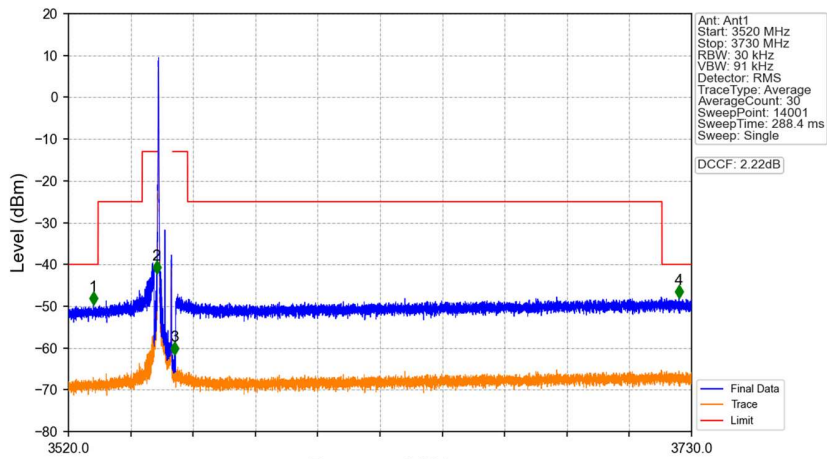
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3693.969	1	15.23	1	3526.960	-50.14	-40	Pass
3693.969	3694.969	0.03	0	2	3694.750	-59.68	-13	Pass
3694.969	3700.032	0.03	0	3	/	/	/	/
3700.032	3701.032	0.03	0	3	3700.045	-37.45	-13	Pass
3701.032	3730	1	15.23	4	3725.860	-47.51	-40	Pass

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



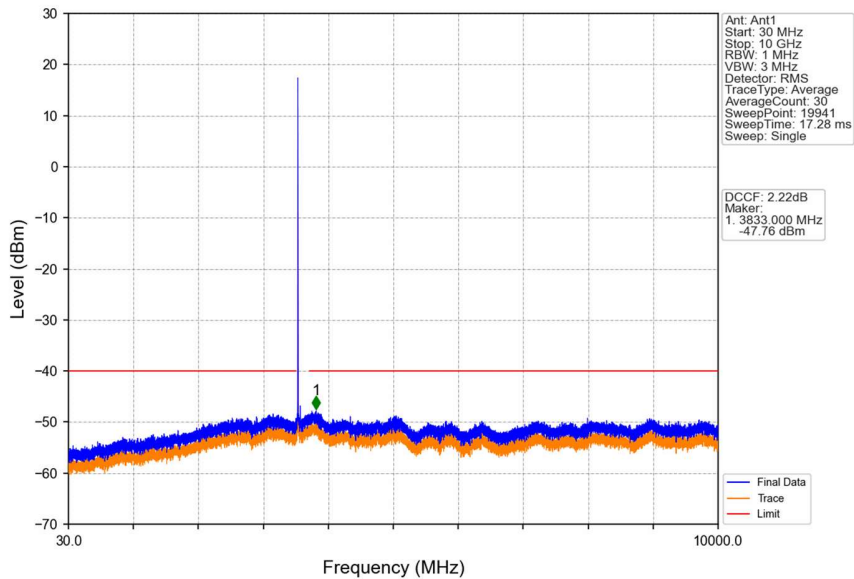
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3693.884	1	12.52	1	3520.476	-50.06	-40	Pass
3693.884	3694.884	0.056	0	2	3694.832	-36.74	-13	Pass
3694.884	3700.116	0.056	0	3	/	/	/	/
3700.116	3701.116	0.056	0	3	3700.180	-37.24	-13	Pass
3701.116	3730	1	12.52	4	3721.432	-47.68	-40	Pass

Band48\_5MHz\_64QAM\_LCH\_3552.5MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3548.859	1	15.23	1	3528.355	-49.62	-40	Pass
3548.859	3549.859	0.03	0	2	3549.670	-42.24	-13	Pass
3549.859	3555.141	0.03	0	/	/	/	/	/
3555.141	3556.141	0.03	0	3	3555.745	-61.71	-13	Pass
3556.141	3730	1	15.23	4	3725.740	-48.04	-40	Pass

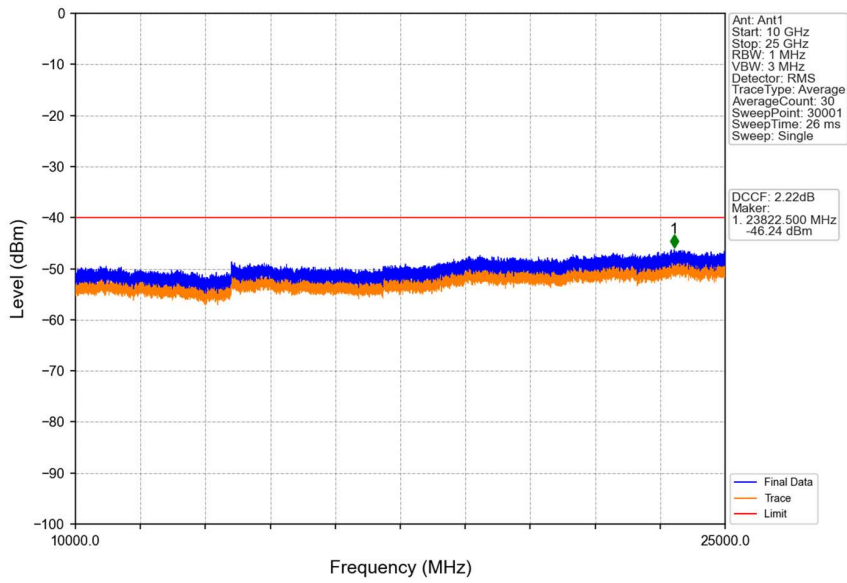
Band48\_5MHz\_64QAM\_LCH\_3552.5MHz\_RB\_1\_0\_NTNV



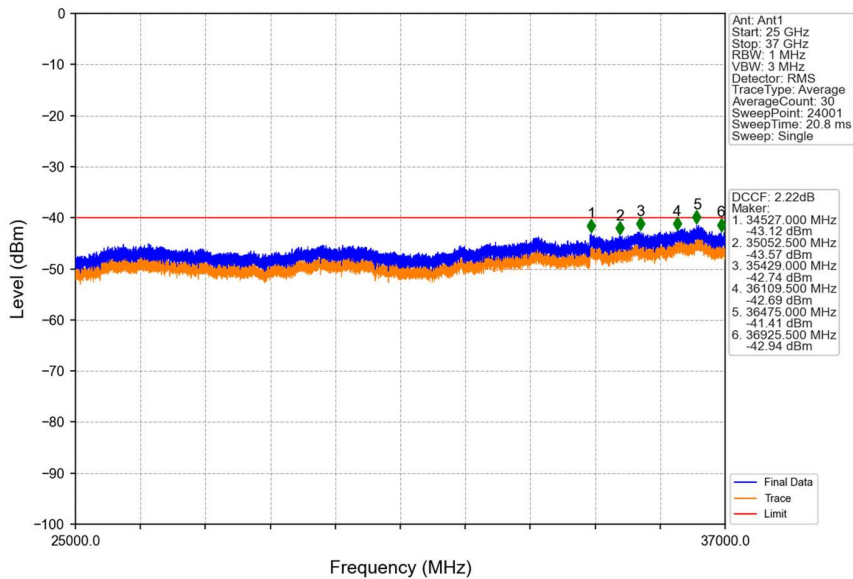




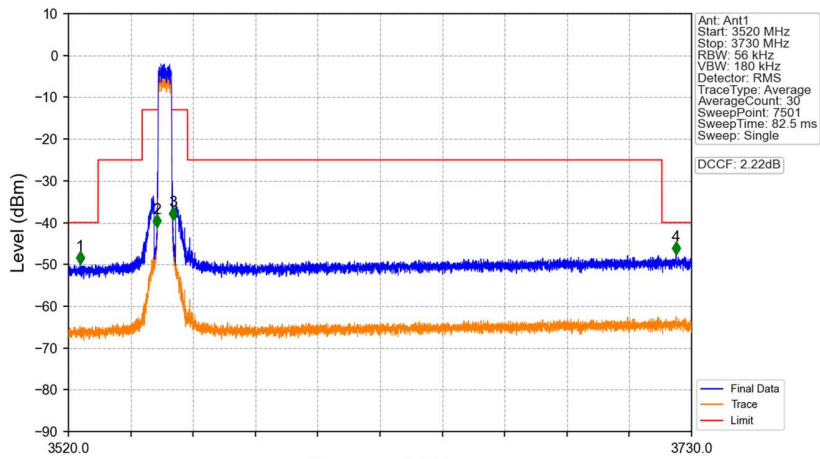
Band48\_5MHz\_64QAM\_LCH\_3552.5MHz\_RB\_1\_0\_NTNV



Band48\_5MHz\_64QAM\_LCH\_3552.5MHz\_RB\_1\_0\_NTNV

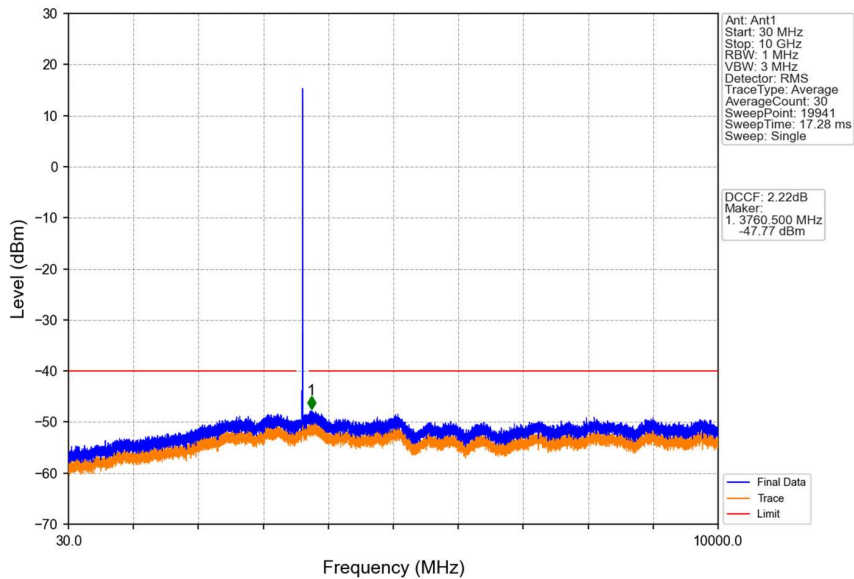


Band48\_5MHz\_64QAM\_LCH\_3552.5MHz\_RB\_25\_0\_NTNV



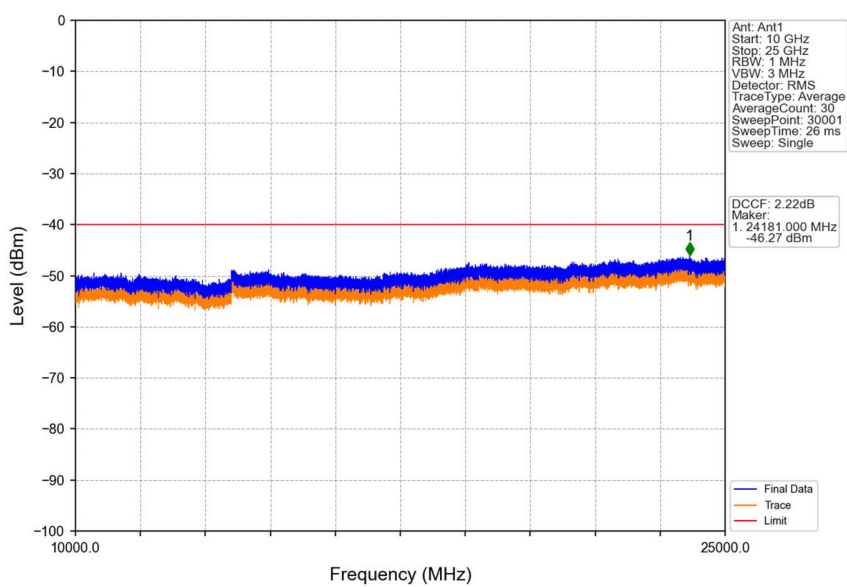
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3548.864	1	12.52	1	3523.892	-49.91	-40	Pass
3548.864	3549.864	0.056	0	2	3549.848	-41.15	-13	Pass
3549.864	3555.136	0.056	0	/	/	/	/	/
3555.136	3556.136	0.056	0	3	3555.168	-39.34	-13	Pass
3556.136	3730	1	12.52	4	3724.764	-47.73	-40	Pass

Band48\_5MHz\_64QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV

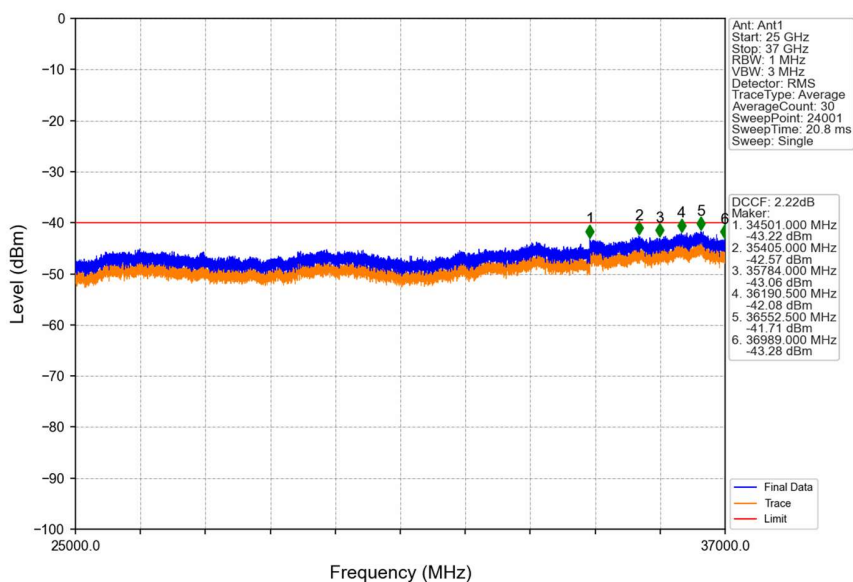




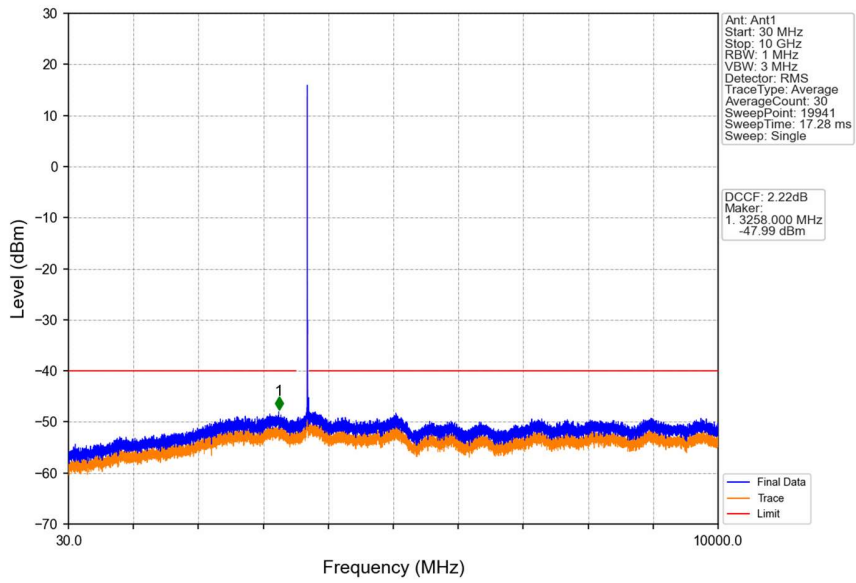
Band48\_5MHz\_64QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV



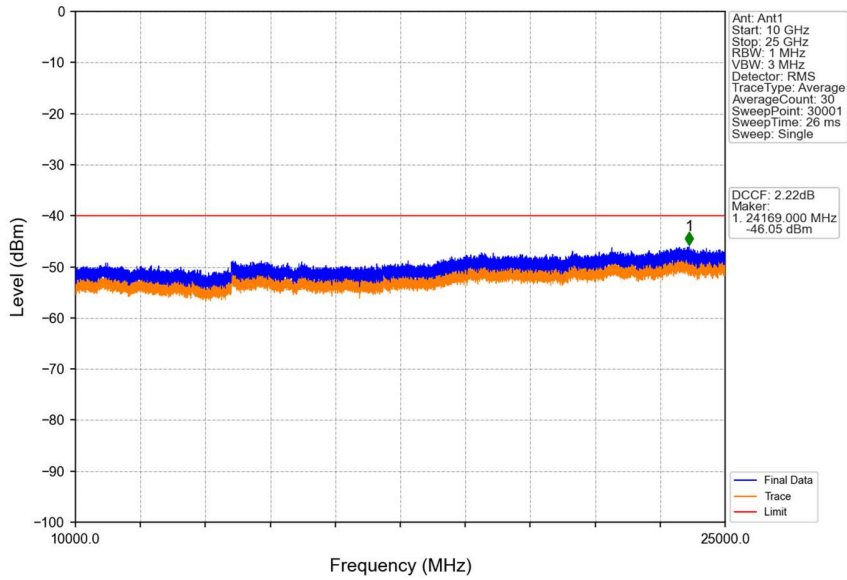
Band48\_5MHz\_64QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV



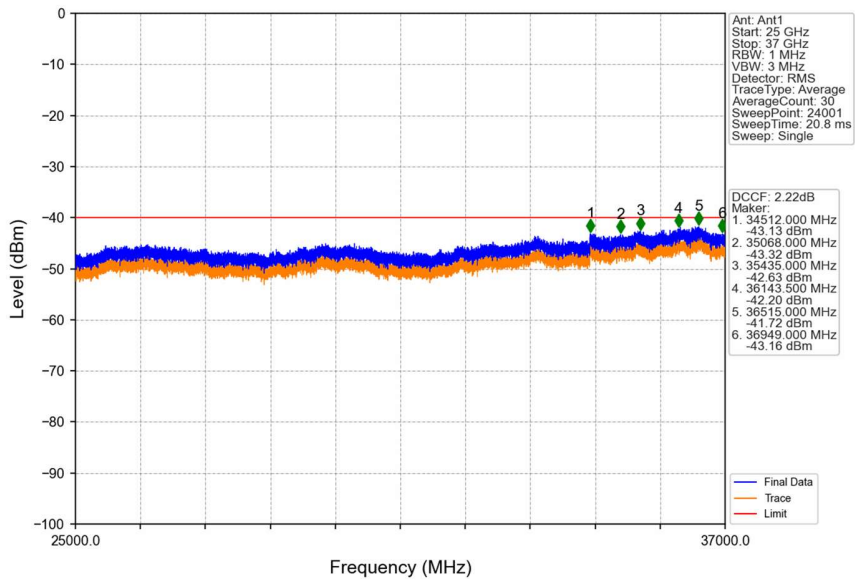
Band48\_5MHz\_64QAM\_HCH\_3697.5MHz\_RB\_1\_0\_NTNV



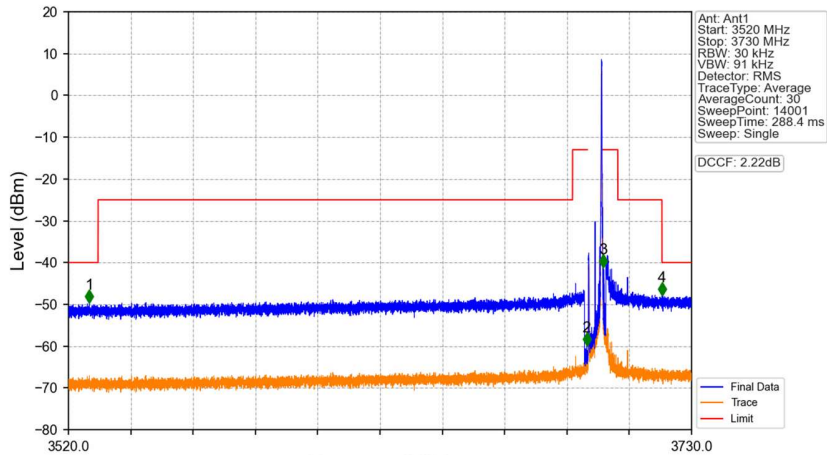
Band48\_5MHz\_64QAM\_HCH\_3697.5MHz\_RB\_1\_0\_NTNV



Band48\_5MHz\_64QAM\_HCH\_3697.5MHz\_RB\_1\_0\_NTNV

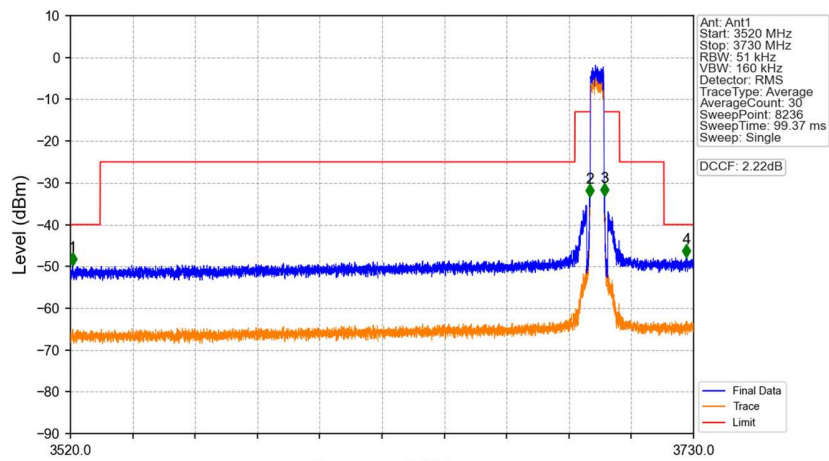


Band48\_5MHz\_64QAM\_HCH\_3697.5MHz\_RB\_1\_24\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3693.884	1	15.23	1	3527.065	-49.66	-40	Pass
3693.884	3694.884	0.03	0	2	3694.645	-59.86	-13	Pass
3694.884	3700.116	0.03	0	/	/	/	/	/
3700.116	3701.116	0.03	0	3	3700.165	-41.26	-13	Pass
3701.116	3730	1	15.23	4	3720.055	-47.97	-40	Pass

Band48\_5MHz\_64QAM\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3693.969	1	12.92	1	3520.740	-49.85	-40	Pass
3693.969	3694.969	0.051	0	2	3694.936	-33.39	-13	Pass
3694.969	3700.032	0.051	0	/	/	/	/	/
3700.032	3701.032	0.051	0	3	3700.062	-33.17	-13	Pass
3701.032	3730	1	12.92	4	3727.552	-47.92	-40	Pass

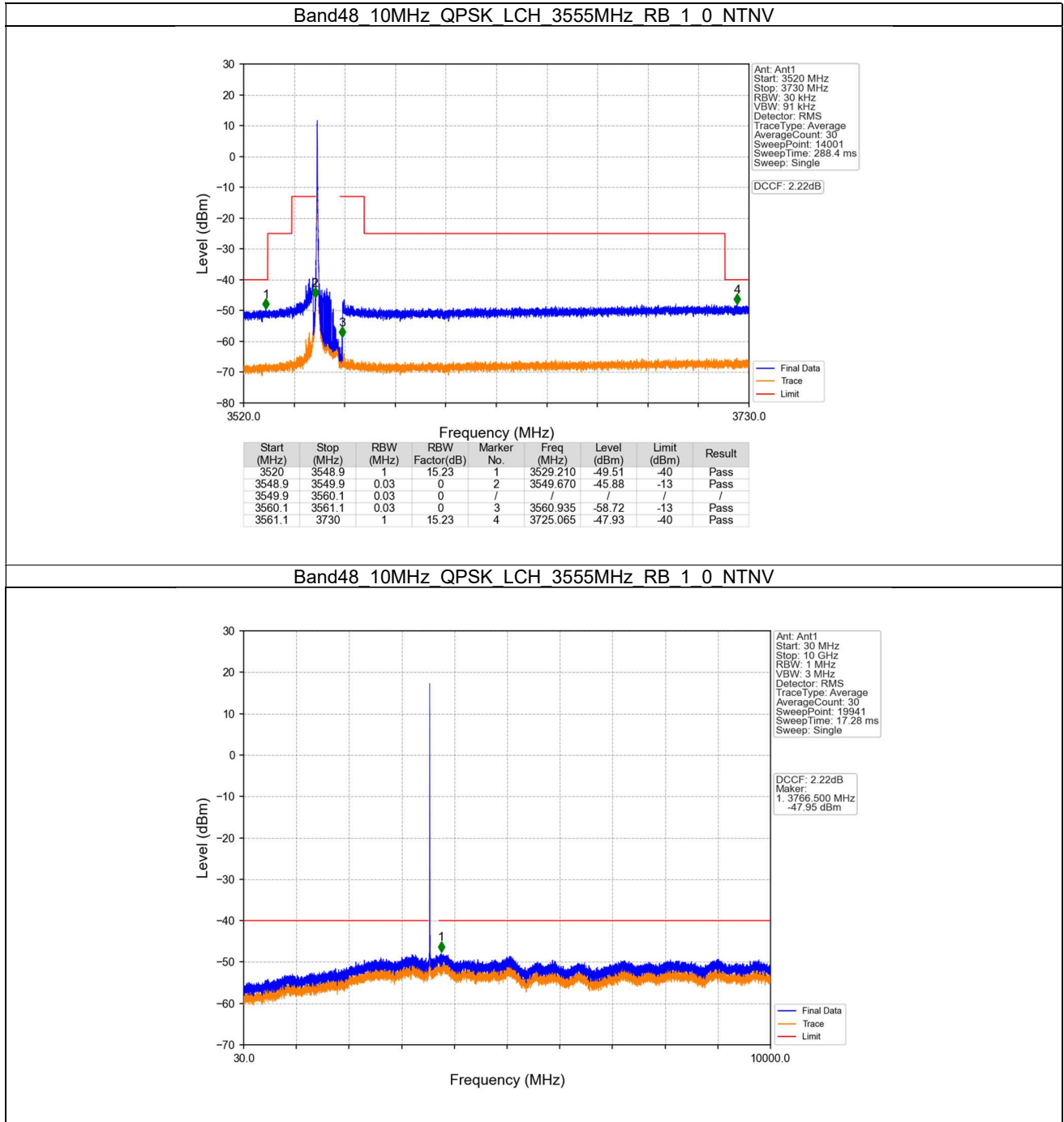


### 1.2 B48\_10MHz

#### 1.2.1 Test Result

Band: 48 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3555	1	0	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
	3625	1	0	Refer To Test Graph	Pass	
		1	0	Refer To Test Graph	Pass	
	3695	1	49	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
16QAM	3555	1	0	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
	3625	1	0	Refer To Test Graph	Pass	
		1	0	Refer To Test Graph	Pass	
	3695	1	49	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
64QAM	3555	1	0	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
	3625	1	0	Refer To Test Graph	Pass	
		1	0	Refer To Test Graph	Pass	
	3695	1	49	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	

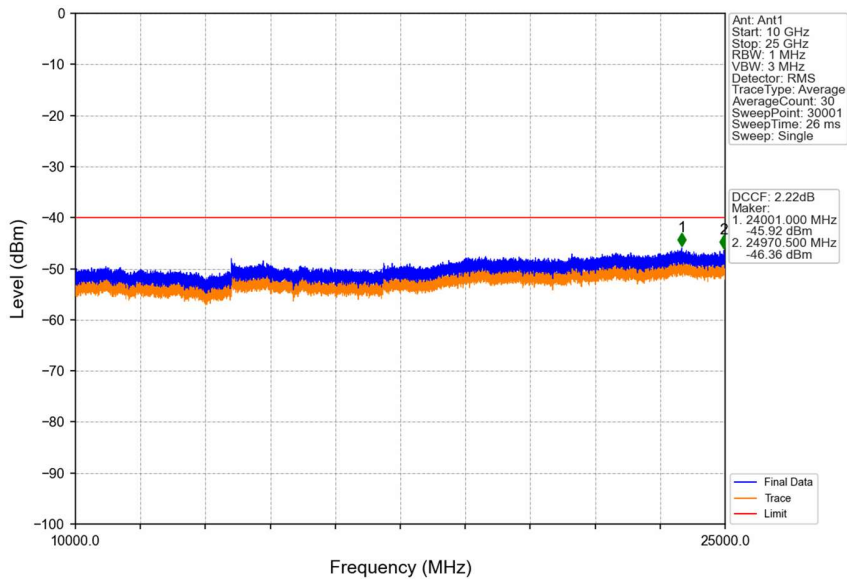
### 1.2.2 Test Graph







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



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

