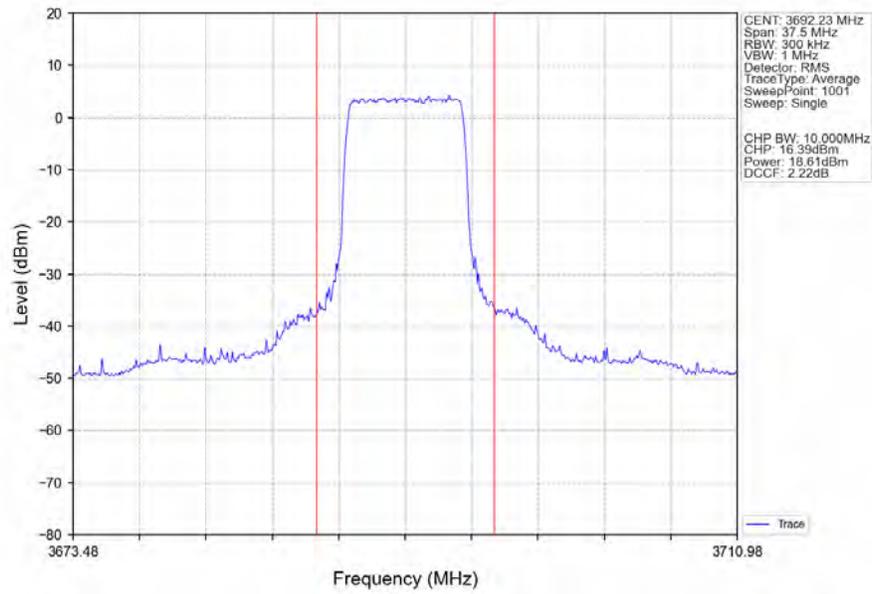
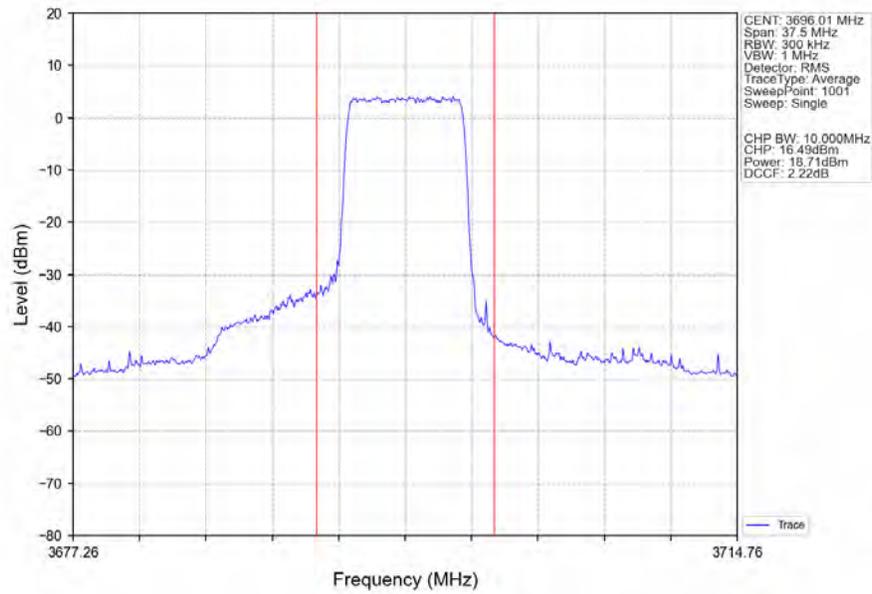


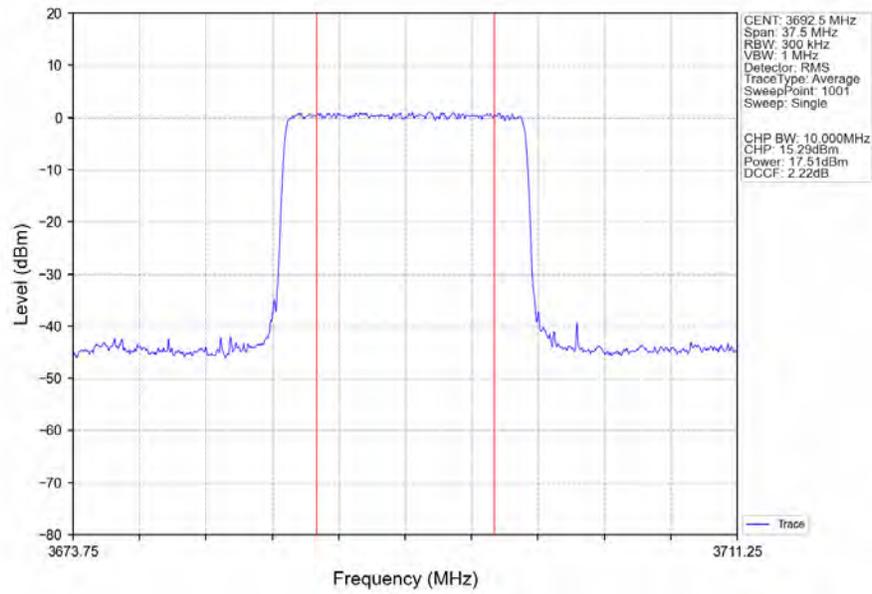
Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_36\_18\_NTNV



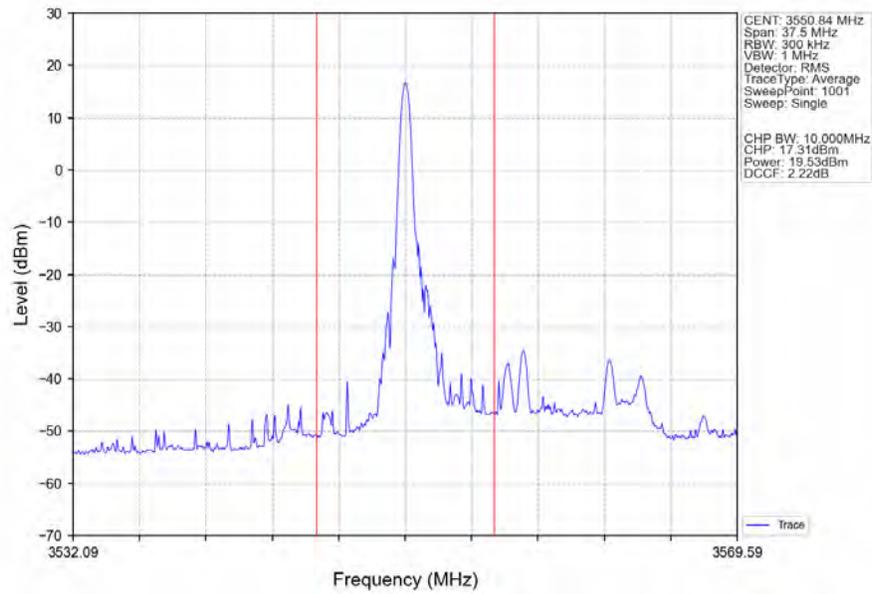
Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_36\_39\_NTNV



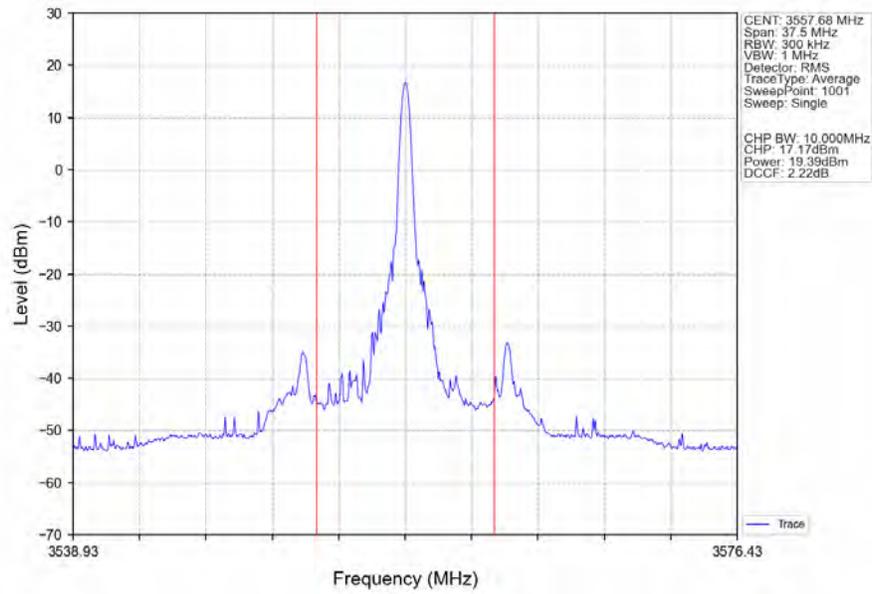
Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV



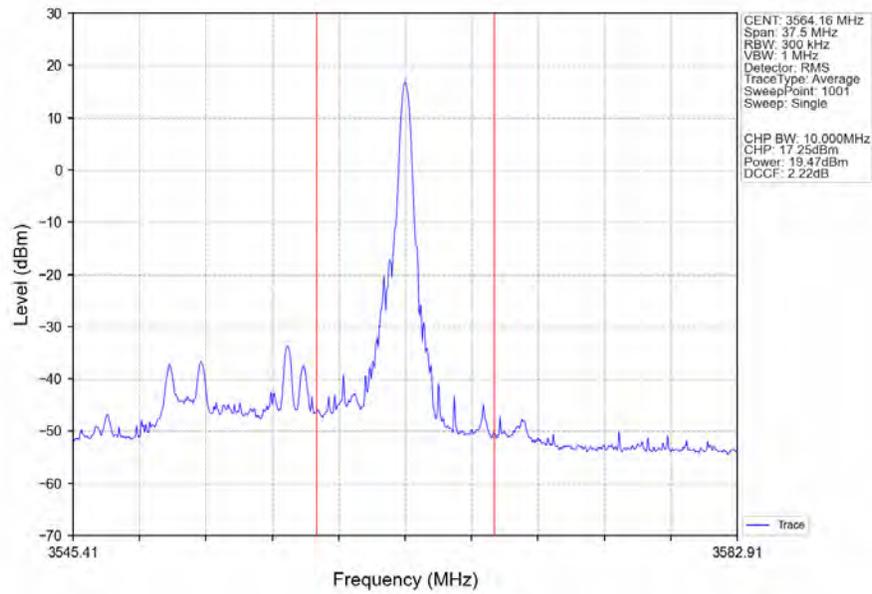
Band48\_15MHz\_16QAM\_LCH\_3557.5MHz\_RB\_1\_0\_NTNV



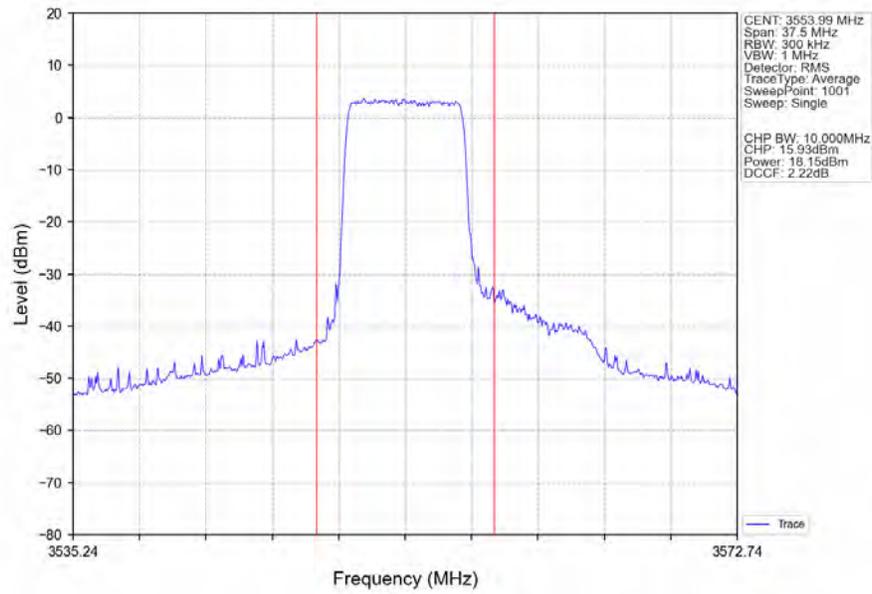
Band48\_15MHz\_16QAM\_LCH\_3557.5MHz\_RB\_1\_38\_NTNV



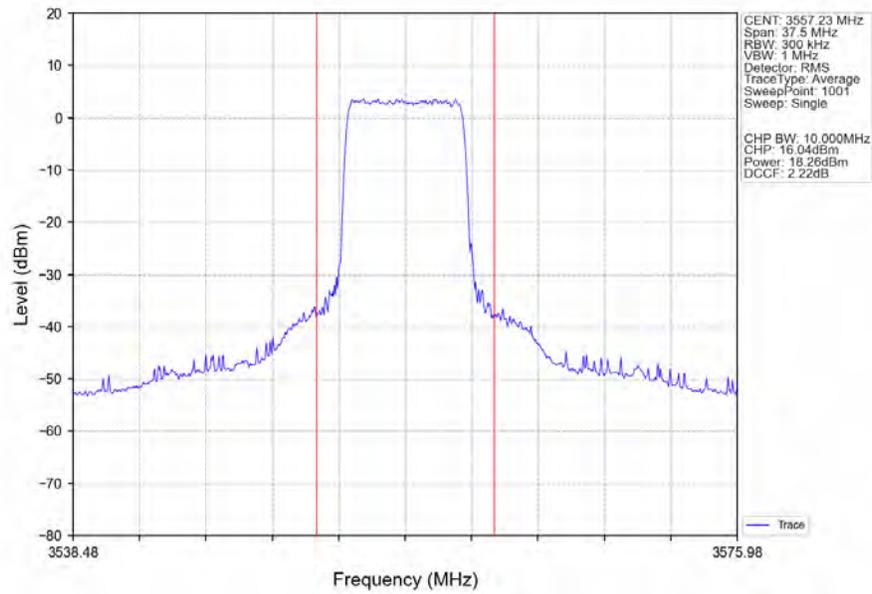
Band48\_15MHz\_16QAM\_LCH\_3557.5MHz\_RB\_1\_74\_NTNV



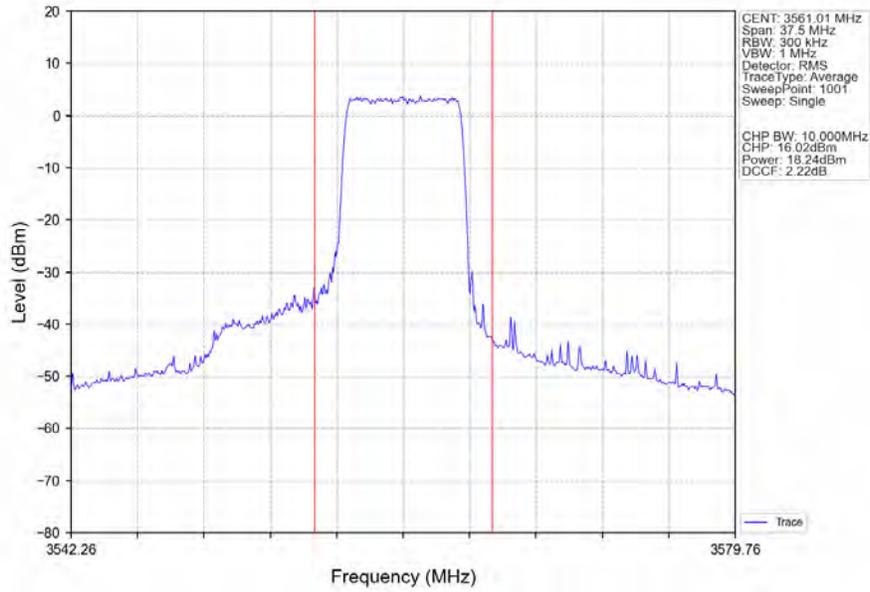
Band48\_15MHz\_16QAM\_LCH\_3557.5MHz\_RB\_36\_0\_NTNV



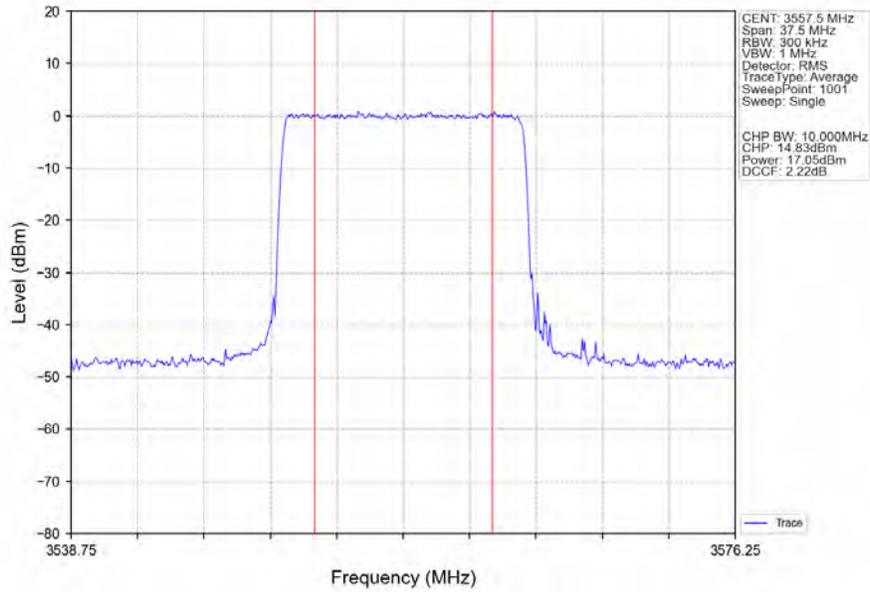
Band48\_15MHz\_16QAM\_LCH\_3557.5MHz\_RB\_36\_18\_NTNV



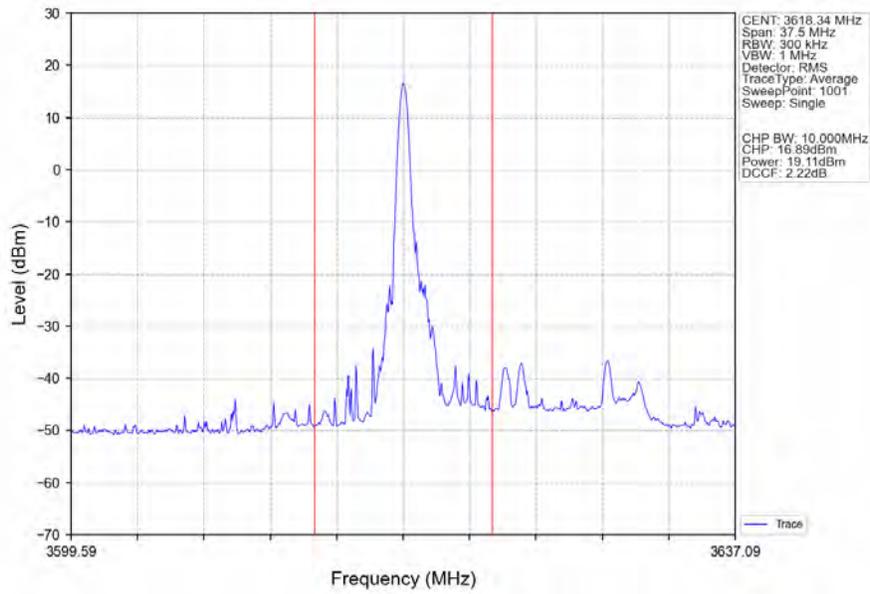
Band48\_15MHz\_16QAM\_LCH\_3557.5MHz\_RB\_36\_39\_NTNV



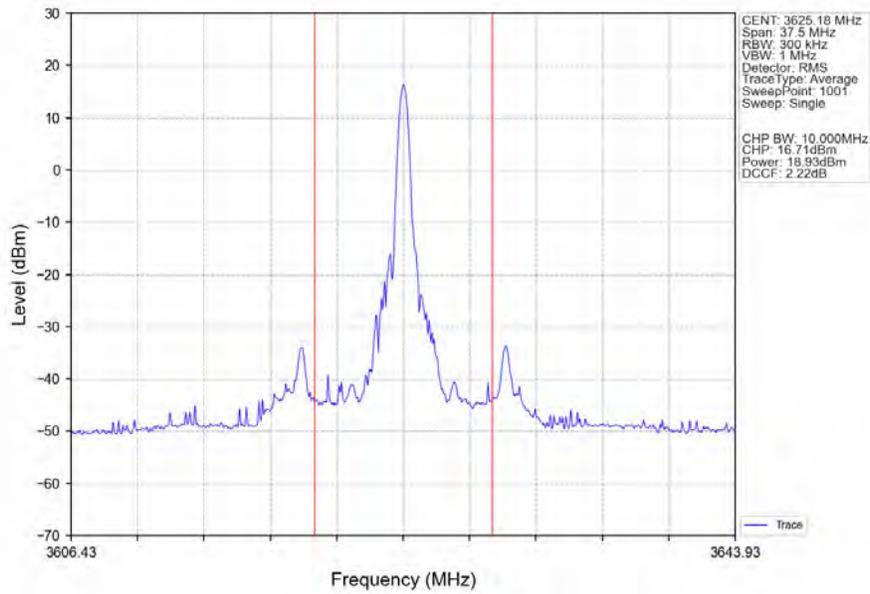
Band48\_15MHz\_16QAM\_LCH\_3557.5MHz\_RB\_75\_0\_NTNV



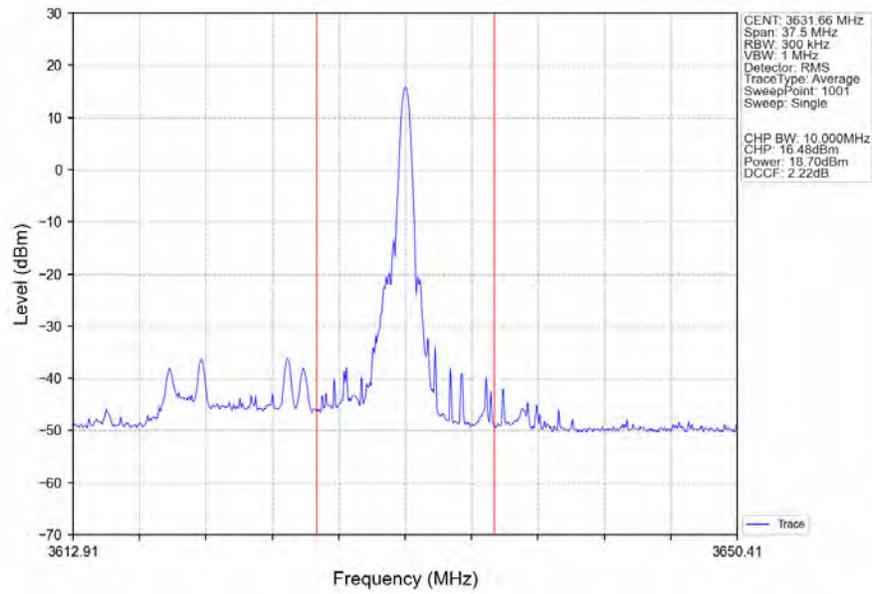
Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV



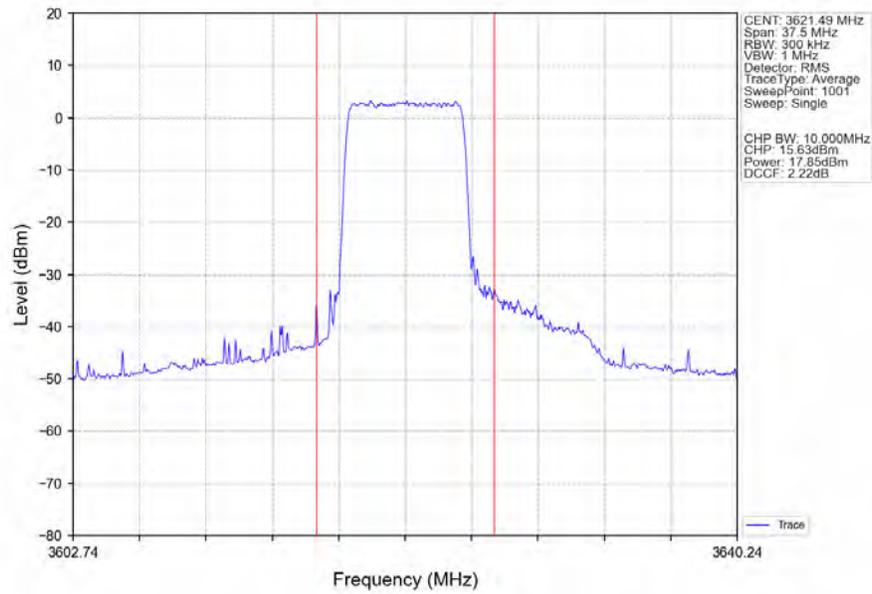
Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_38\_NTNV



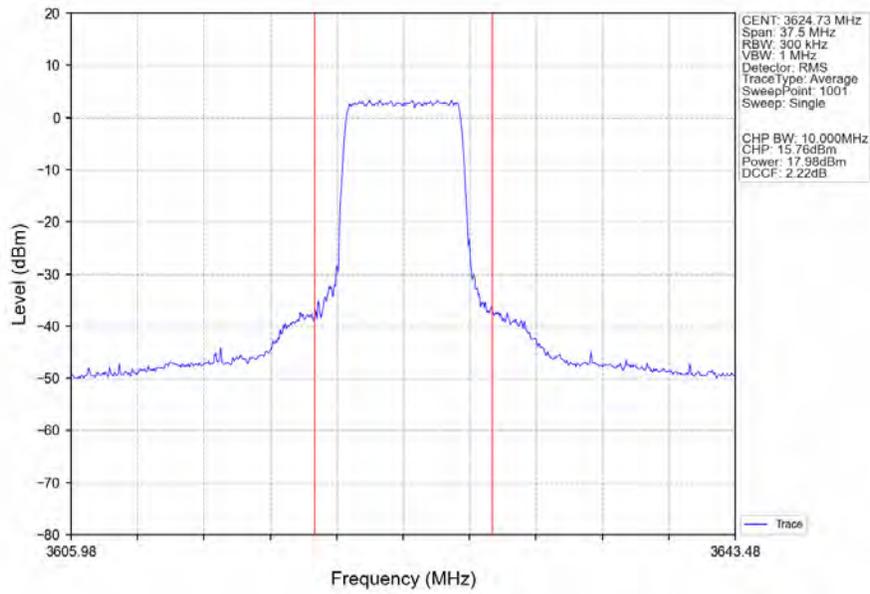
Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_74\_NTNV



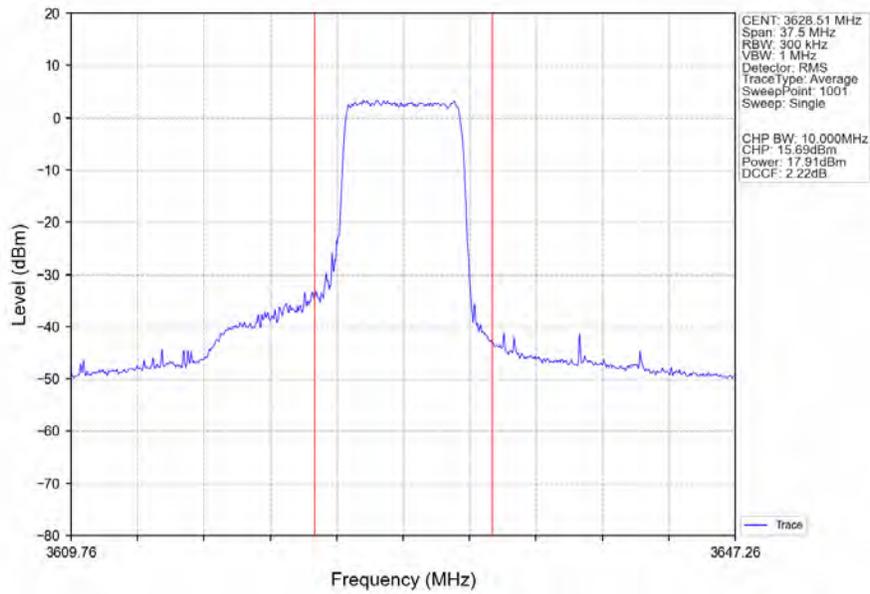
Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_36\_0\_NTNV



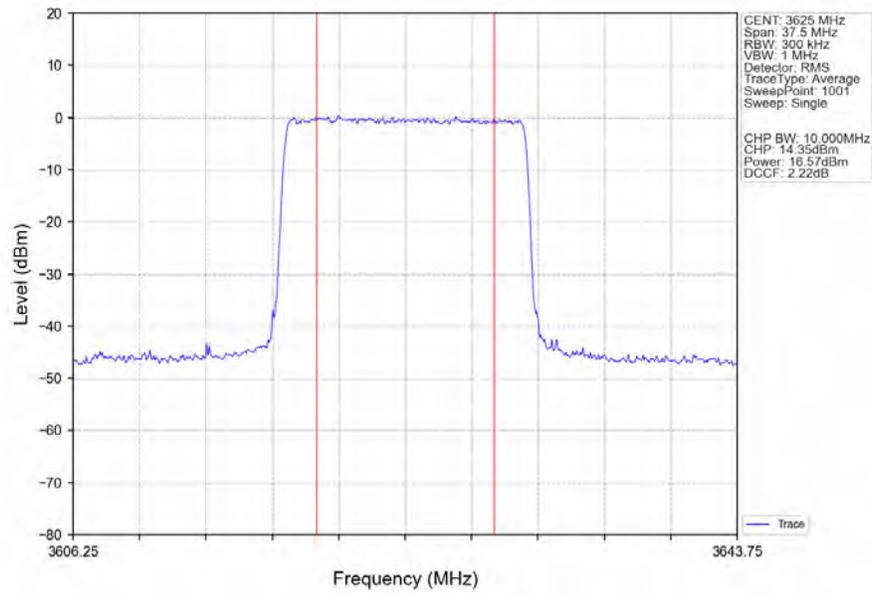
Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_36\_18\_NTNV



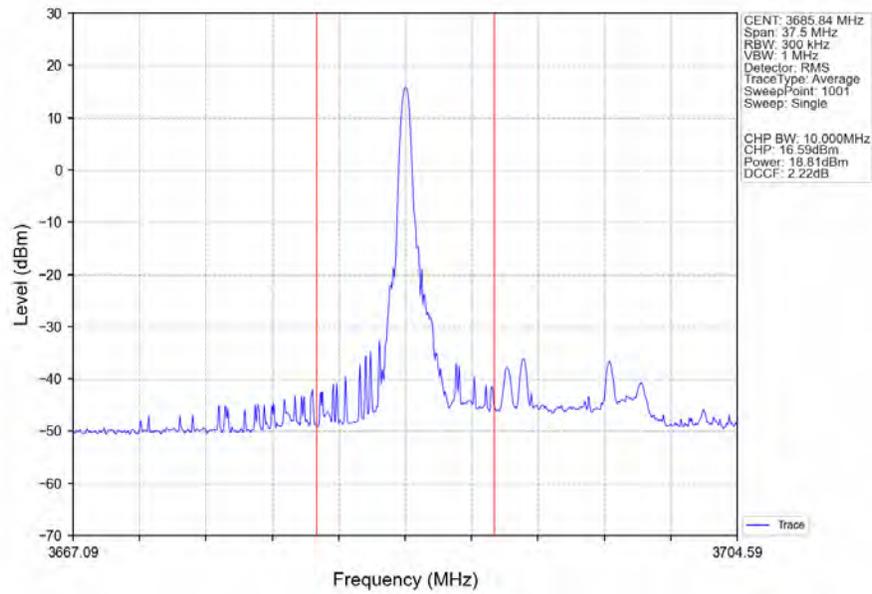
Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_36\_39\_NTNV



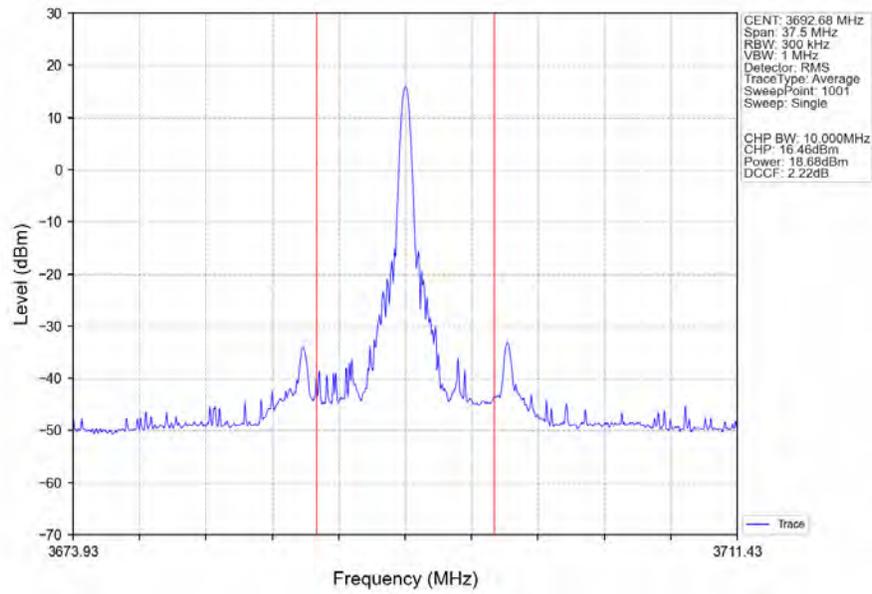
Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_75\_0\_NTNV



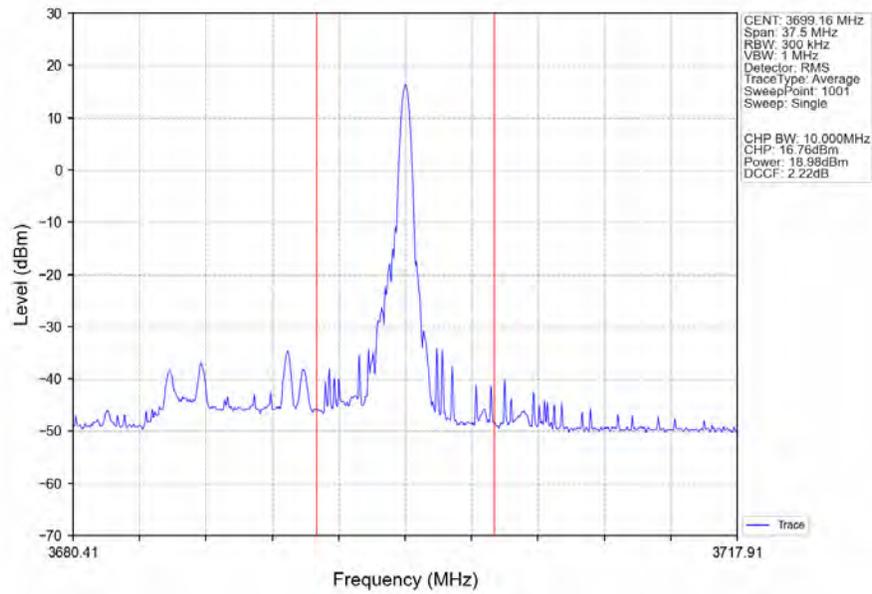
Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_1\_0\_NTNV



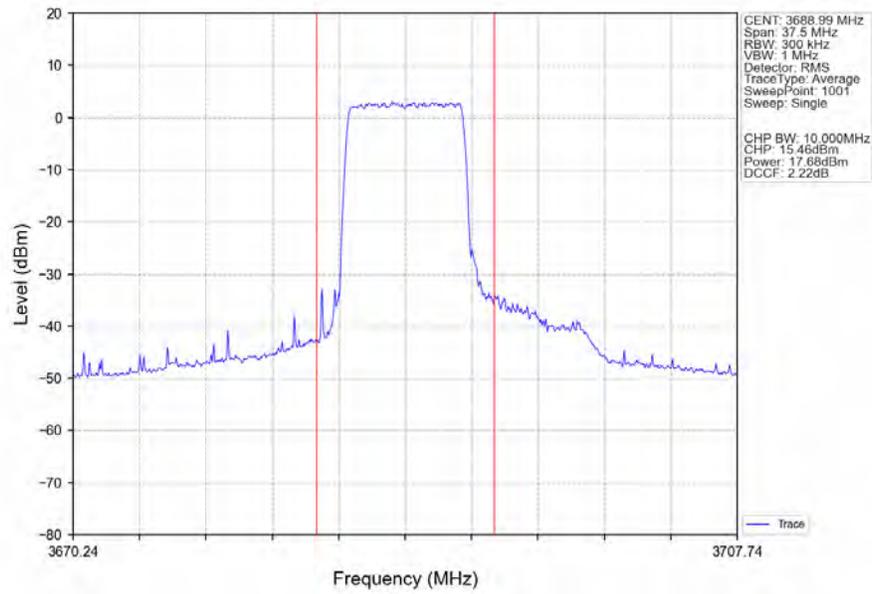
Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_1\_38\_NTNV



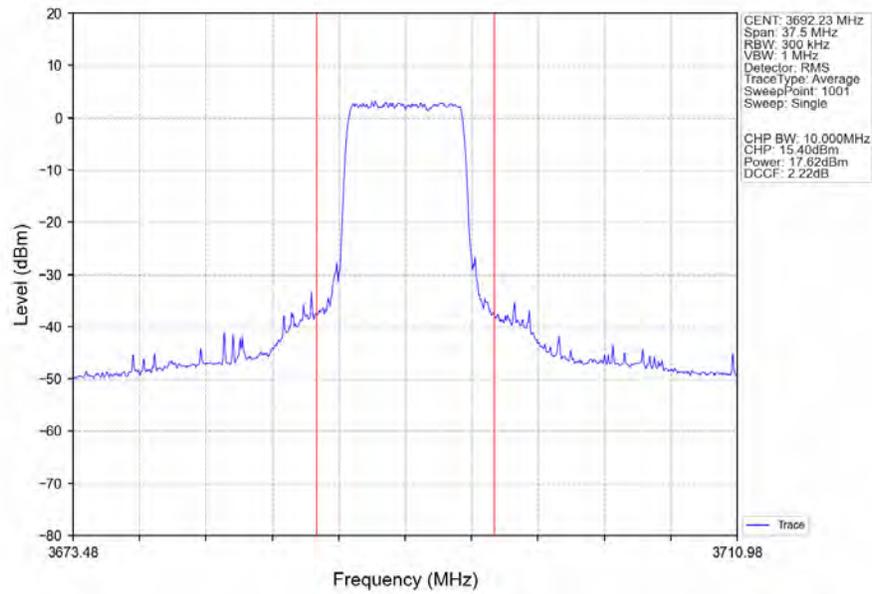
Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_1\_74\_NTNV



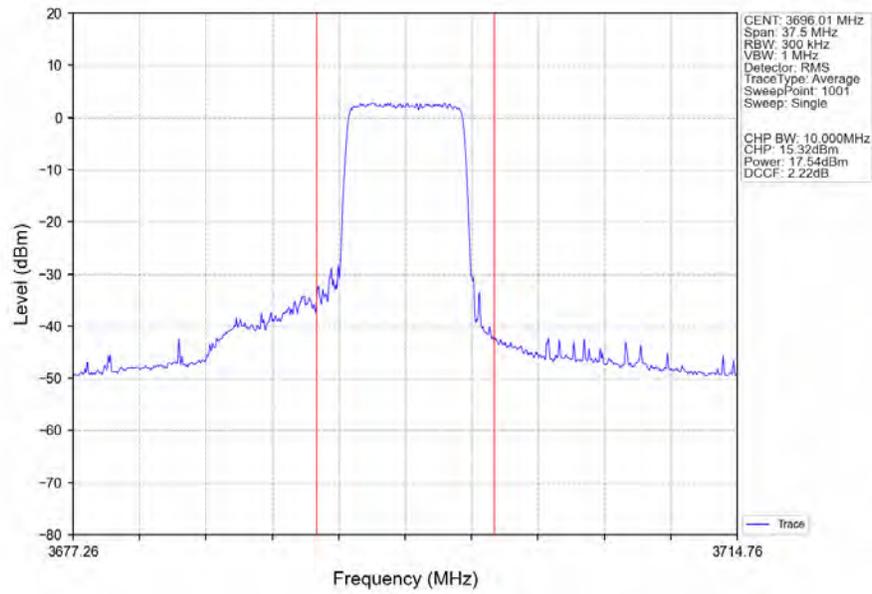
Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_36\_0\_NTNV



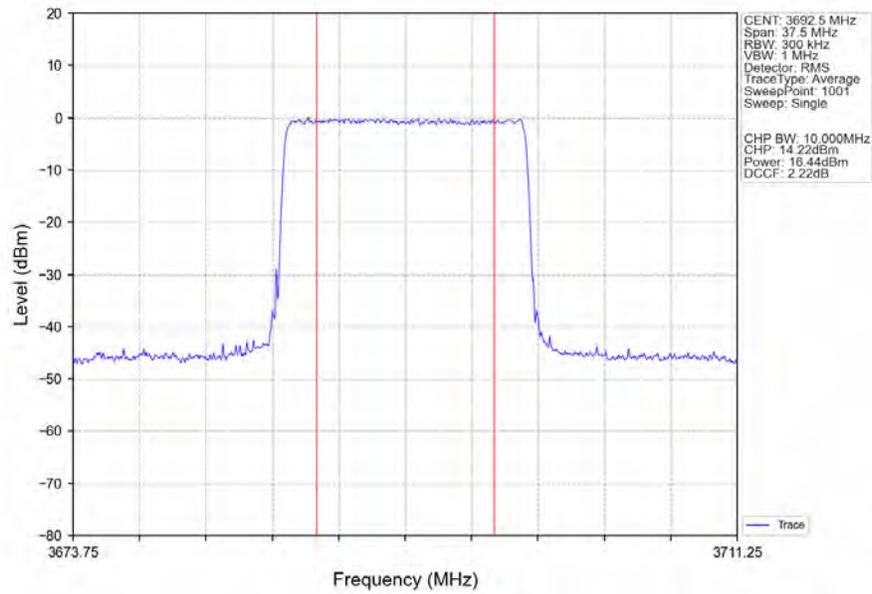
Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_36\_18\_NTNV



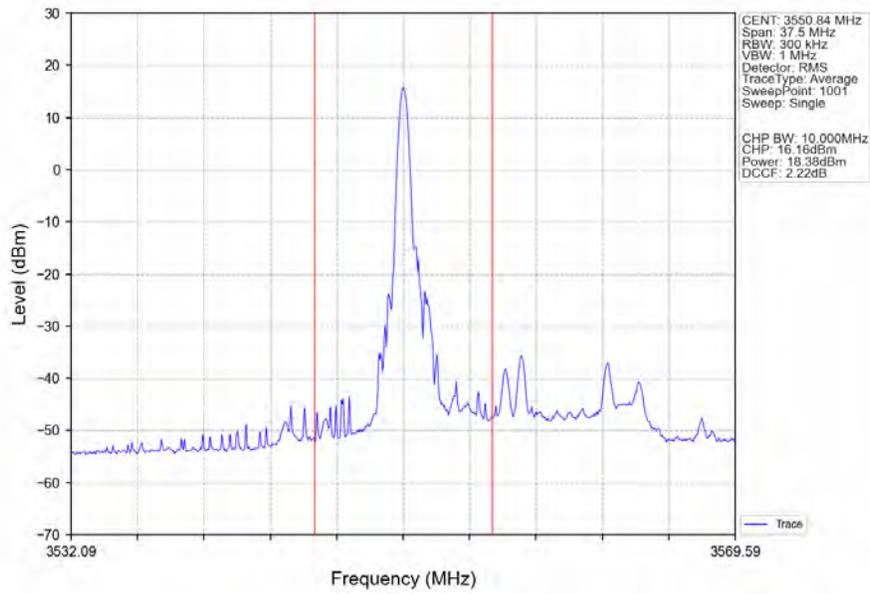
Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_36\_39\_NTNV



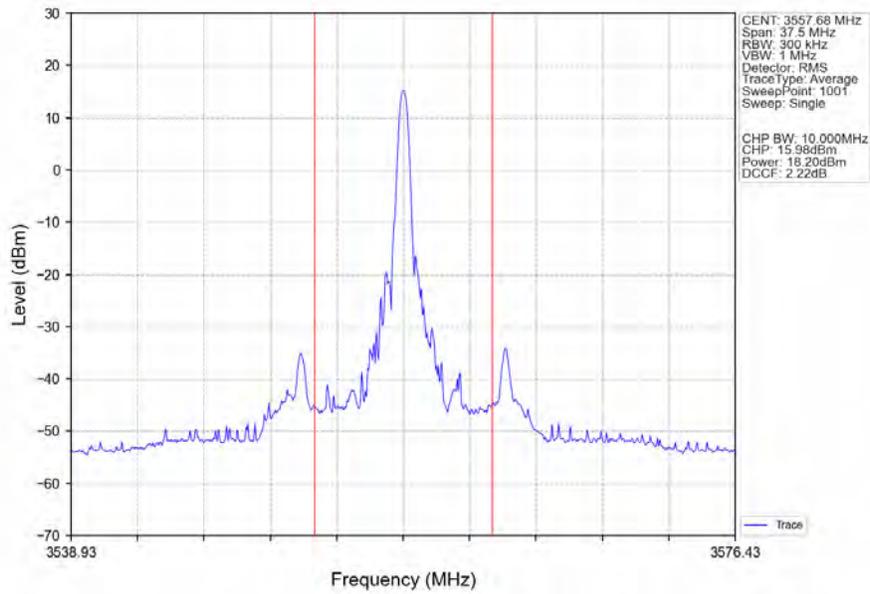
Band48\_15MHz\_16QAM\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV



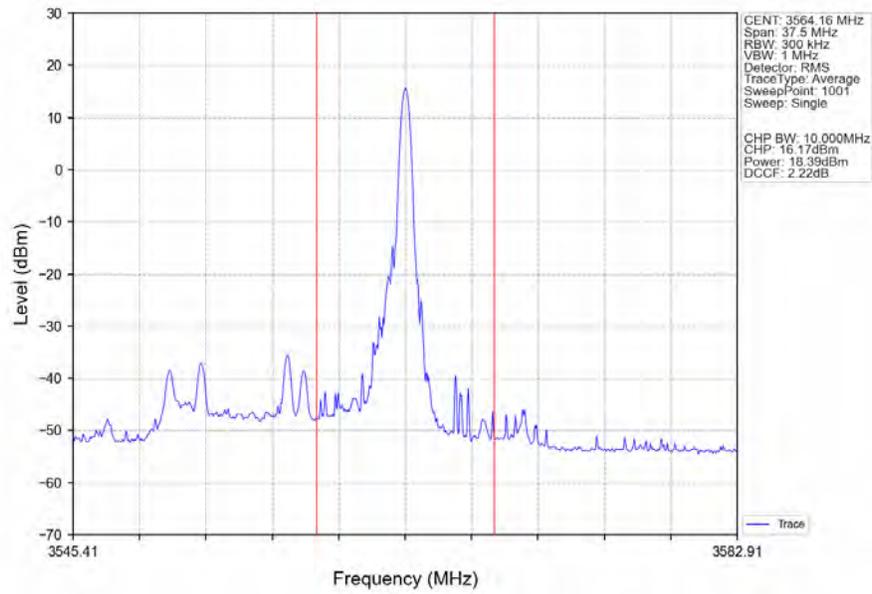
Band48\_15MHz\_64QAM\_LCH\_3557.5MHz\_RB\_1\_0\_NTNV



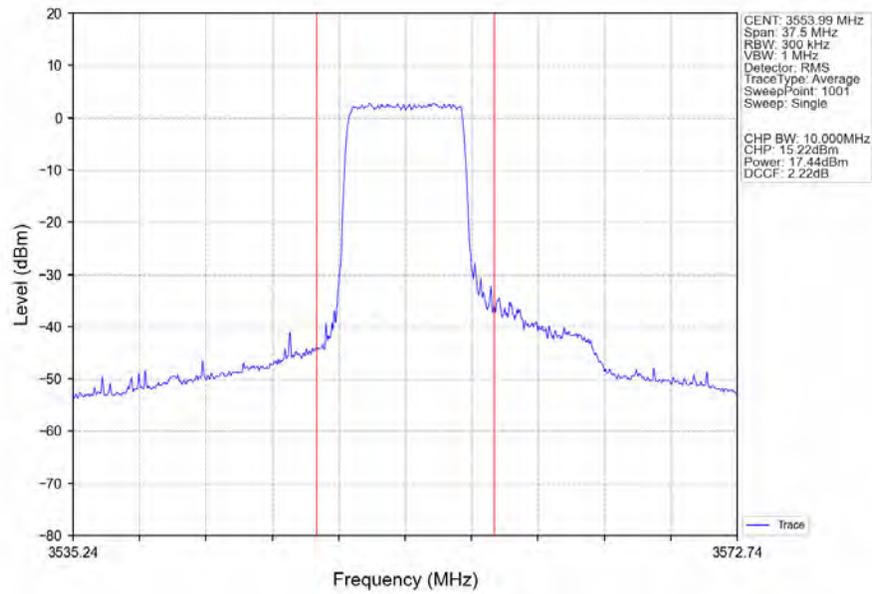
Band48\_15MHz\_64QAM\_LCH\_3557.5MHz\_RB\_1\_38\_NTNV



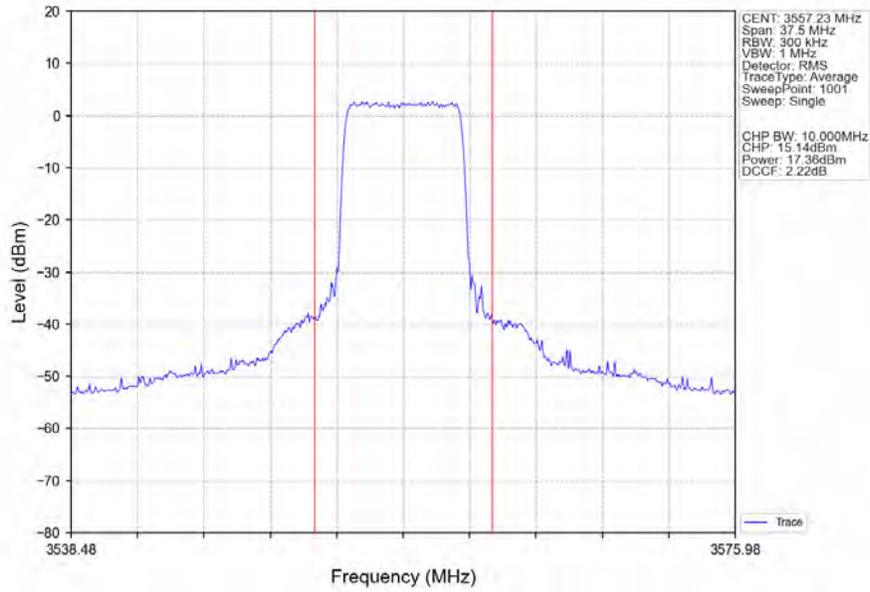
Band48\_15MHz\_64QAM\_LCH\_3557.5MHz\_RB\_1\_74\_NTNV



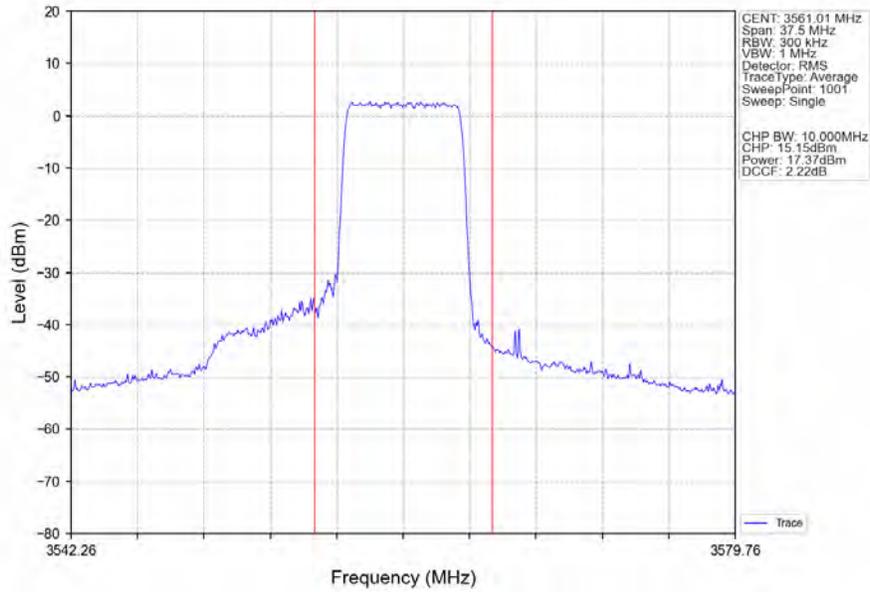
Band48\_15MHz\_64QAM\_LCH\_3557.5MHz\_RB\_36\_0\_NTNV



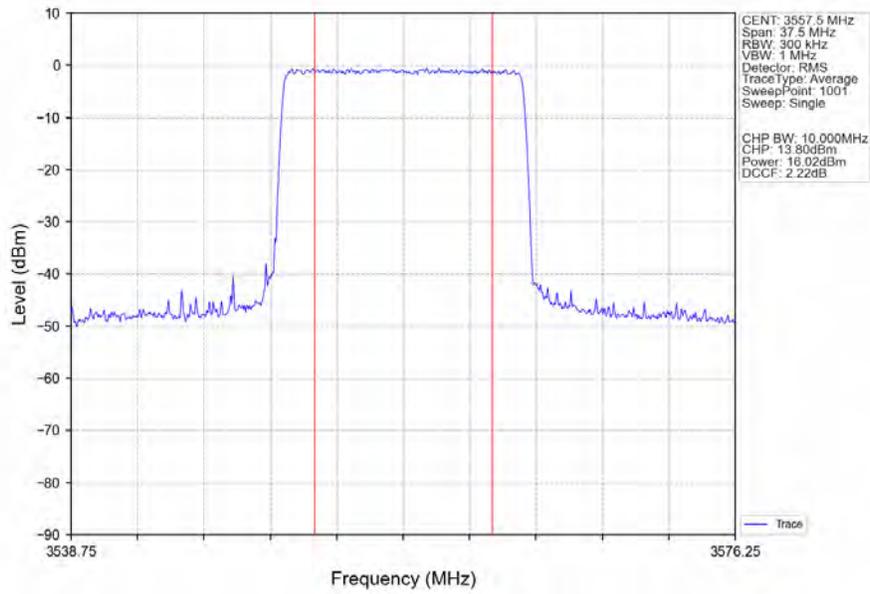
Band48\_15MHz\_64QAM\_LCH\_3557.5MHz\_RB\_36\_18\_NTNV



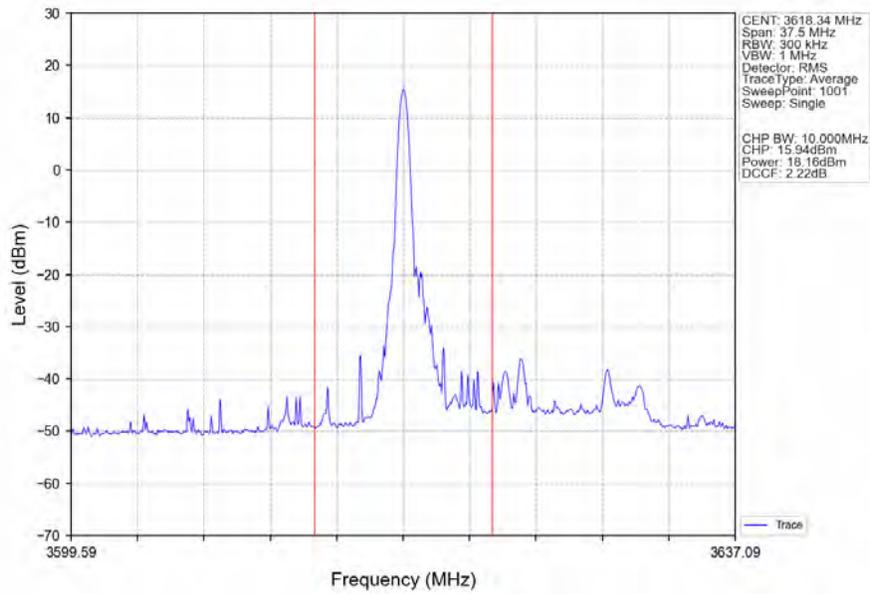
Band48\_15MHz\_64QAM\_LCH\_3557.5MHz\_RB\_36\_39\_NTNV



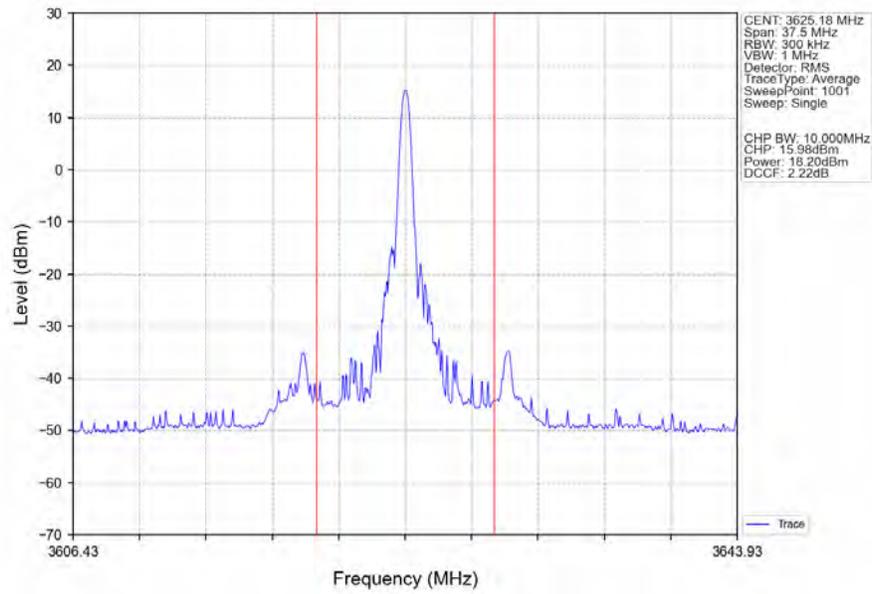
Band48\_15MHz\_64QAM\_LCH\_3557.5MHz\_RB\_75\_0\_NTNV



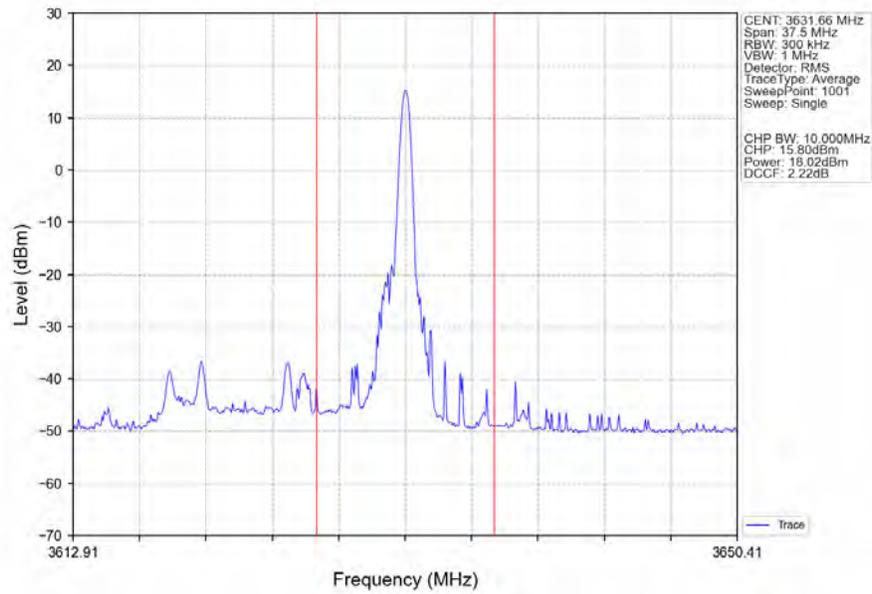
Band48\_15MHz\_64QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV



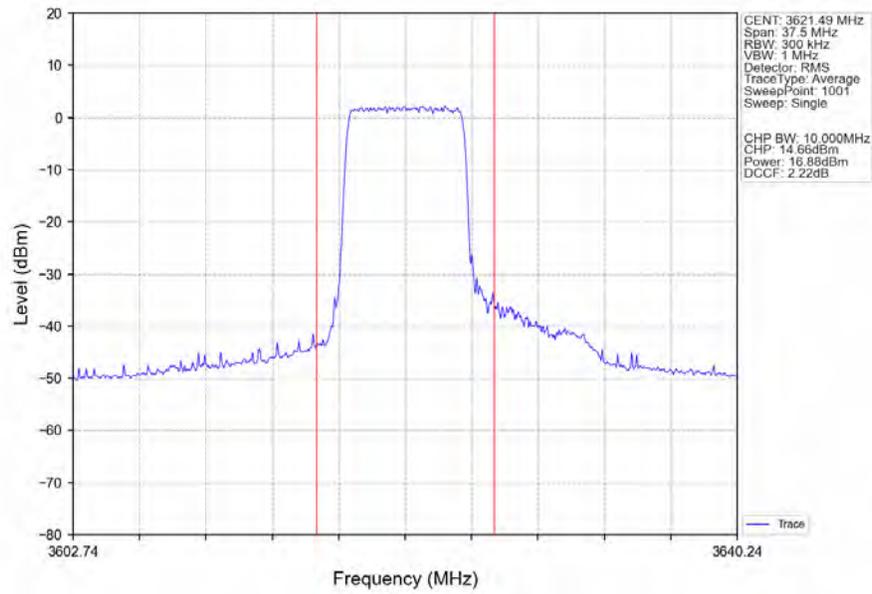
Band48\_15MHz\_64QAM\_MCH\_3625MHz\_RB\_1\_38\_NTNV



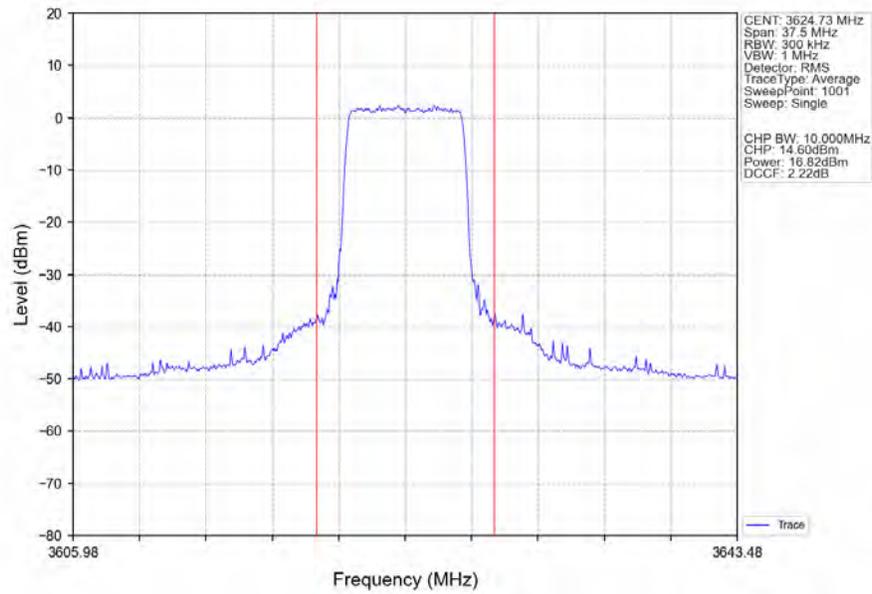
Band48\_15MHz\_64QAM\_MCH\_3625MHz\_RB\_1\_74\_NTNV



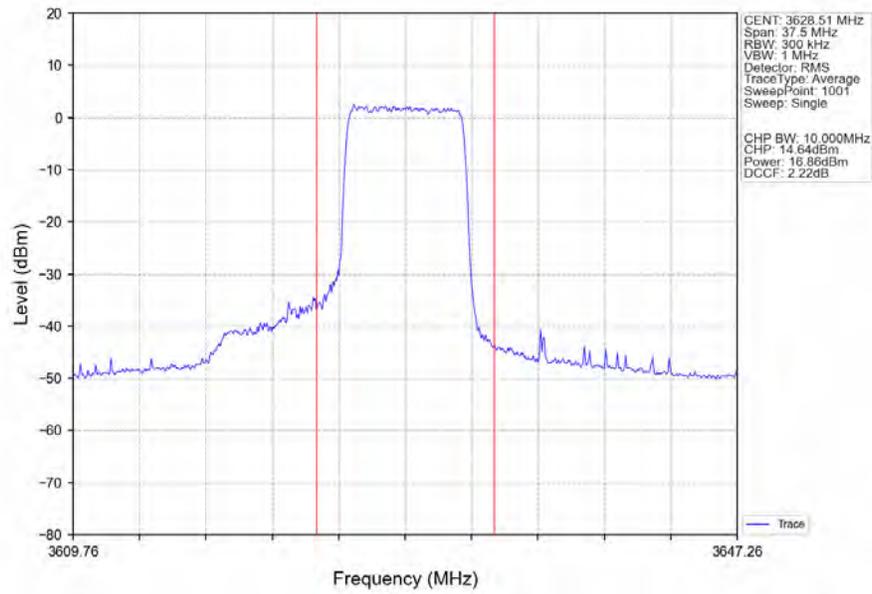
Band48\_15MHz\_64QAM\_MCH\_3625MHz\_RB\_36\_0\_NTNV



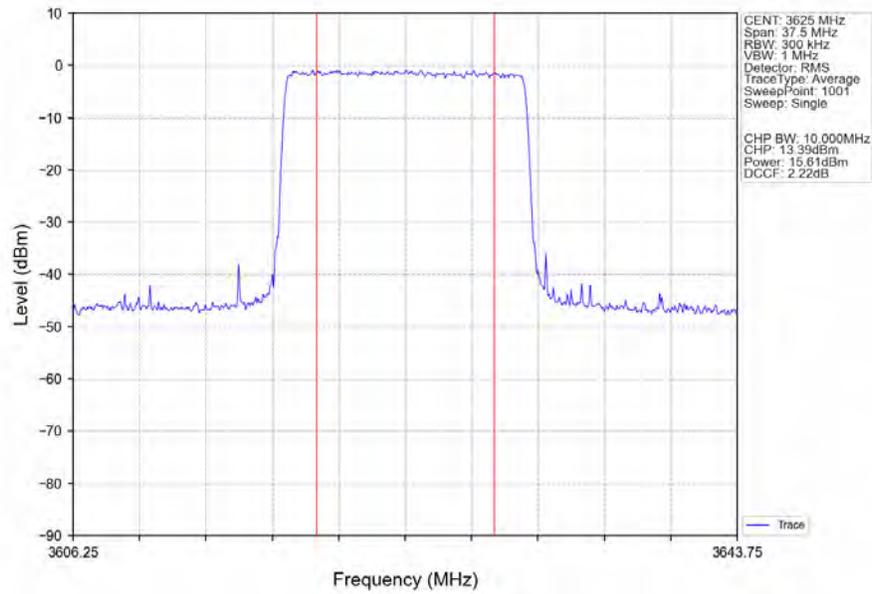
Band48\_15MHz\_64QAM\_MCH\_3625MHz\_RB\_36\_18\_NTNV



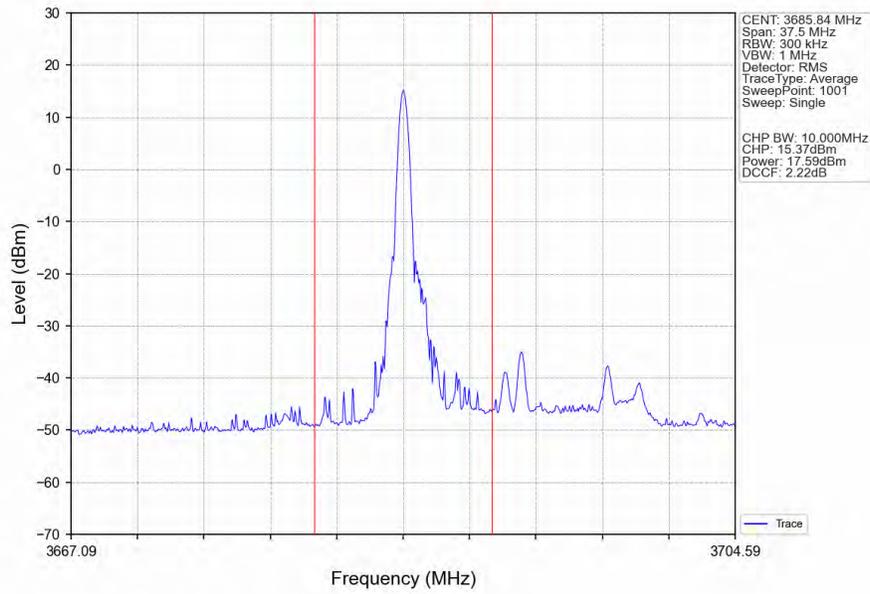
Band48\_15MHz\_64QAM\_MCH\_3625MHz\_RB\_36\_39\_NTNV



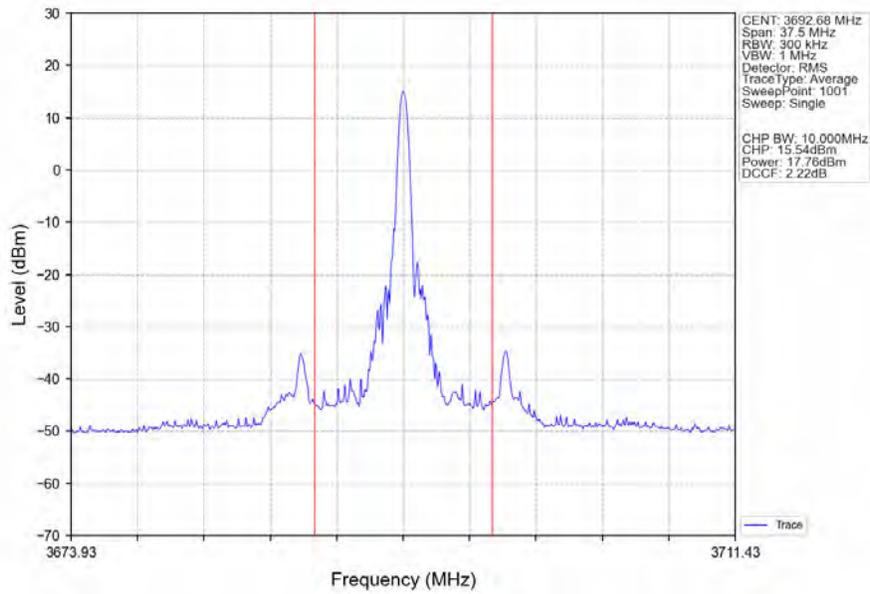
Band48\_15MHz\_64QAM\_MCH\_3625MHz\_RB\_75\_0\_NTNV



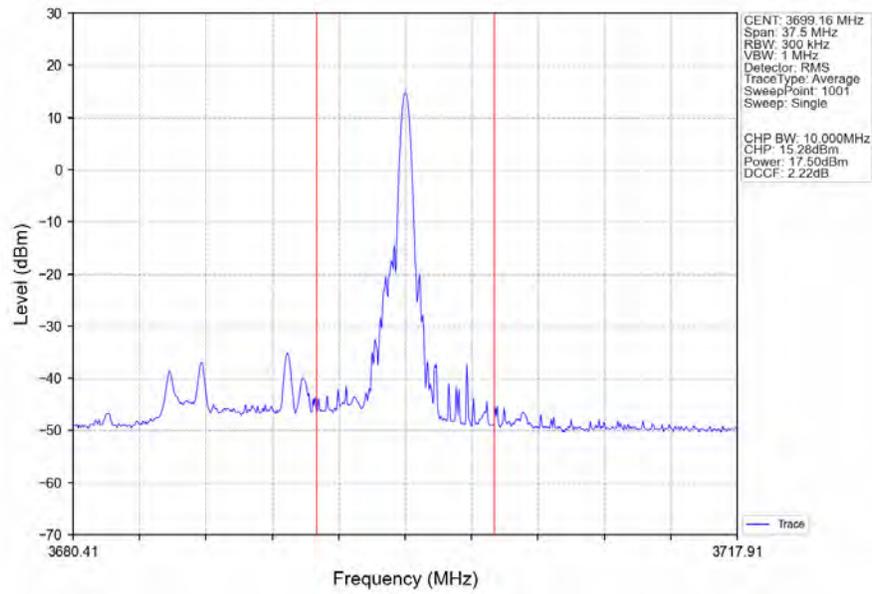
Band48\_15MHz\_64QAM\_HCH\_3692.5MHz\_RB\_1\_0\_NTNV



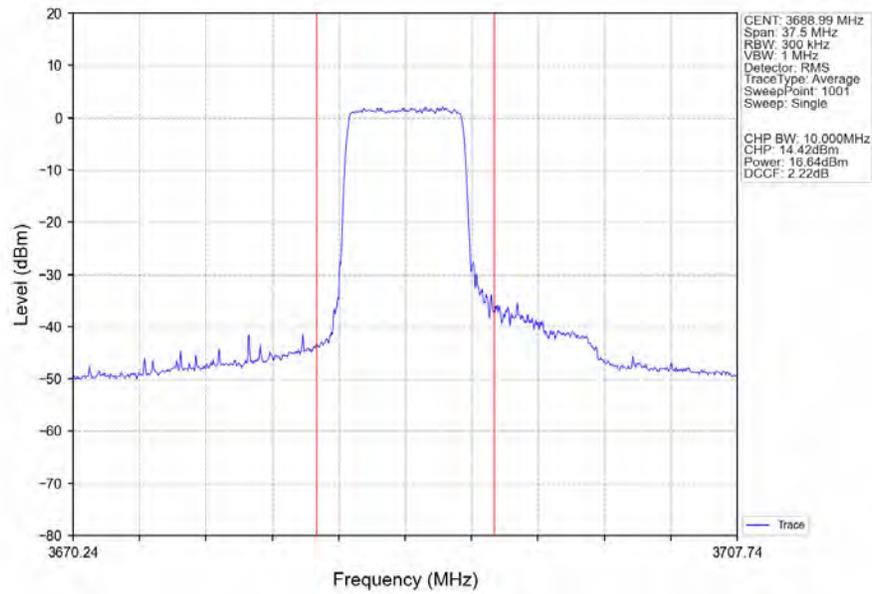
Band48\_15MHz\_64QAM\_HCH\_3692.5MHz\_RB\_1\_38\_NTNV



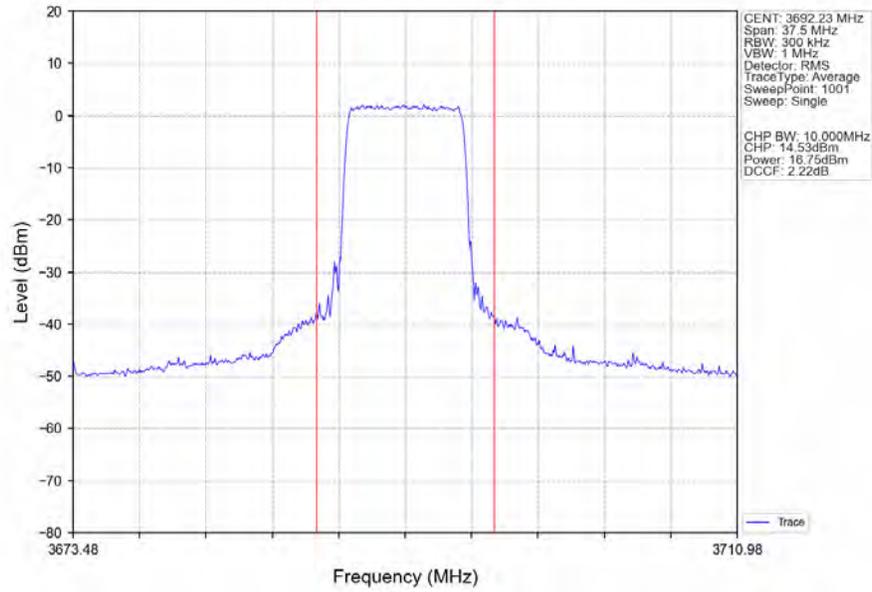
Band48\_15MHz\_64QAM\_HCH\_3692.5MHz\_RB\_1\_74\_NTNV



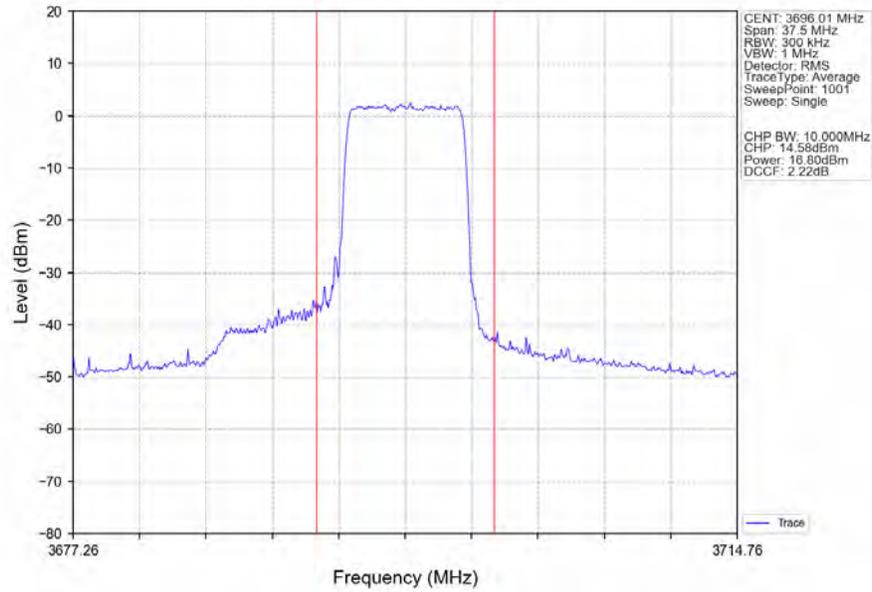
Band48\_15MHz\_64QAM\_HCH\_3692.5MHz\_RB\_36\_0\_NTNV



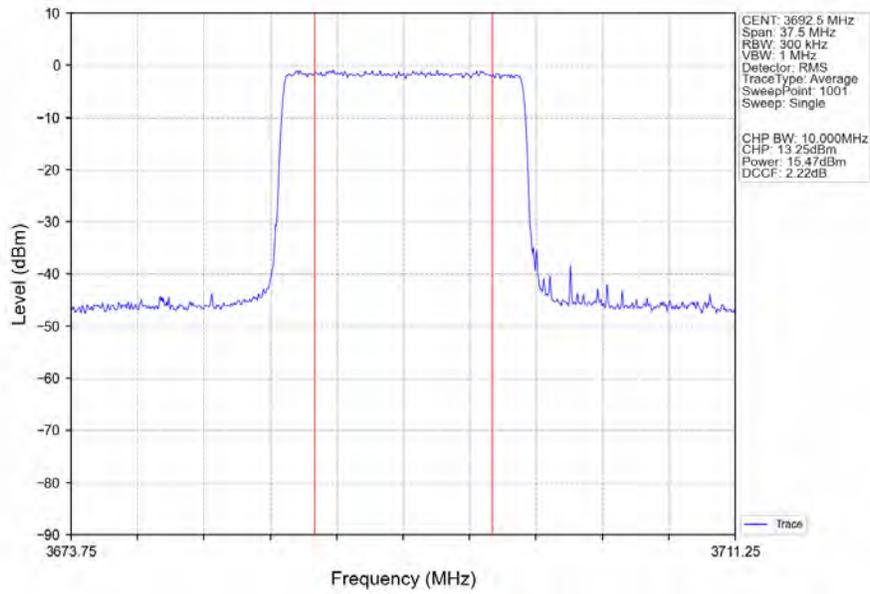
Band48\_15MHz\_64QAM\_HCH\_3692.5MHz\_RB\_36\_18\_NTNV



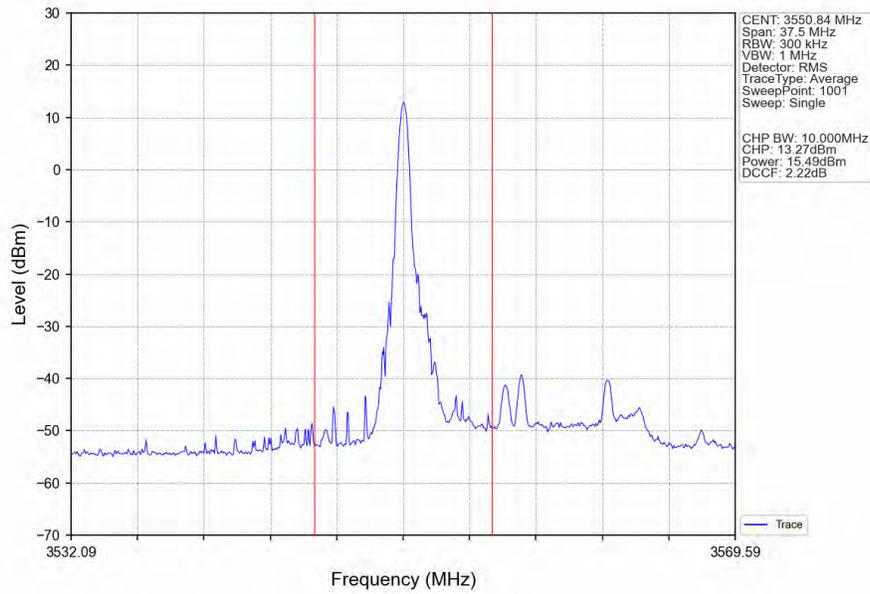
Band48\_15MHz\_64QAM\_HCH\_3692.5MHz\_RB\_36\_39\_NTNV



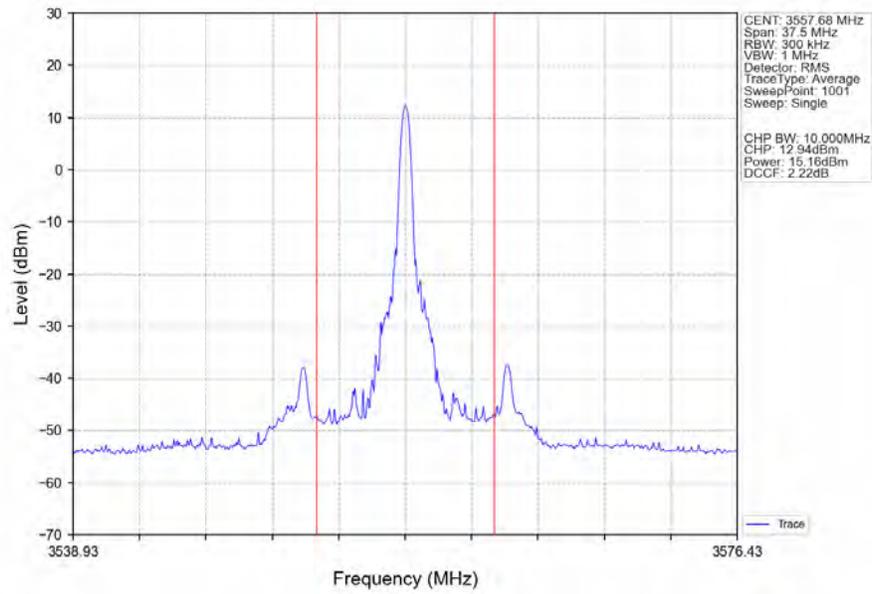
Band48\_15MHz\_64QAM\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV



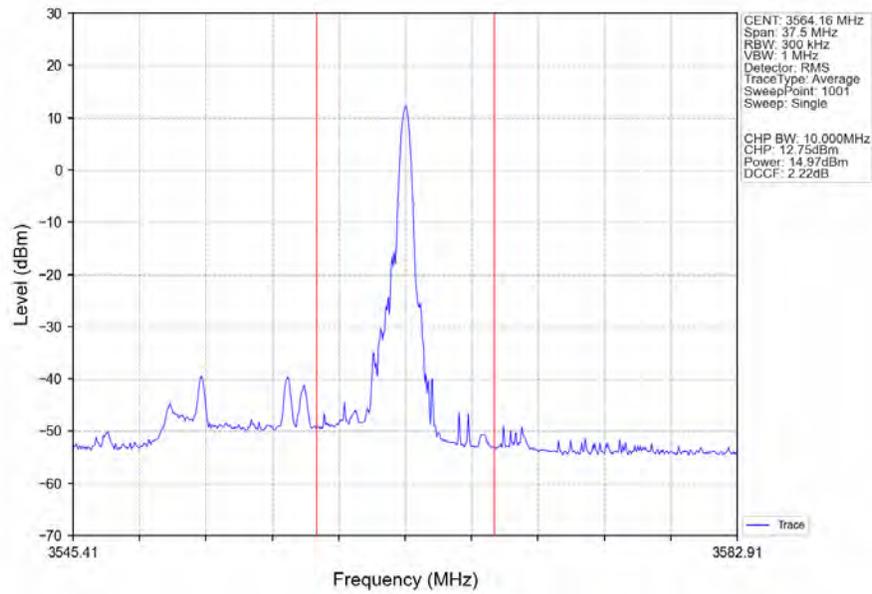
Band48\_15MHz\_256QAM\_LCH\_3557.5MHz\_RB\_1\_0\_NTNV



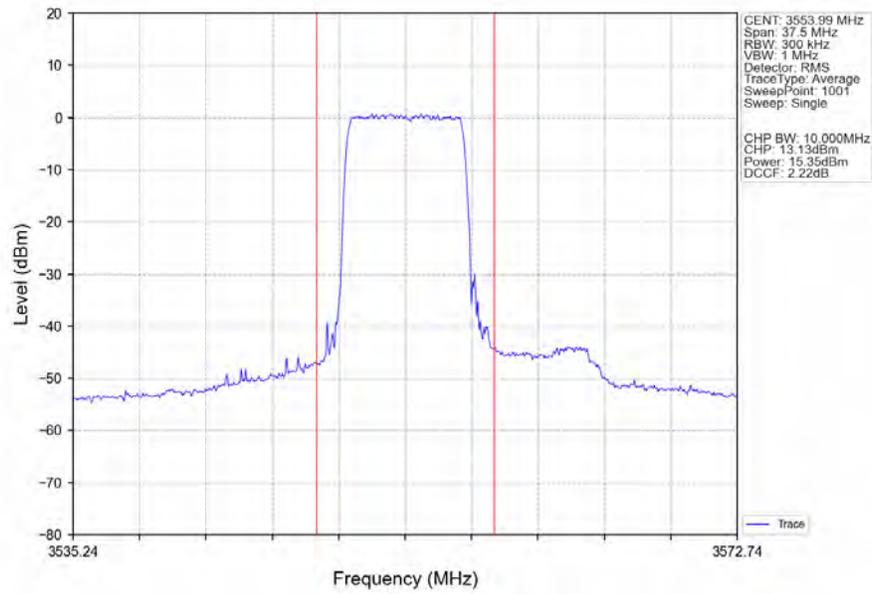
Band48\_15MHz\_256QAM\_LCH\_3557.5MHz\_RB\_1\_38\_NTNV



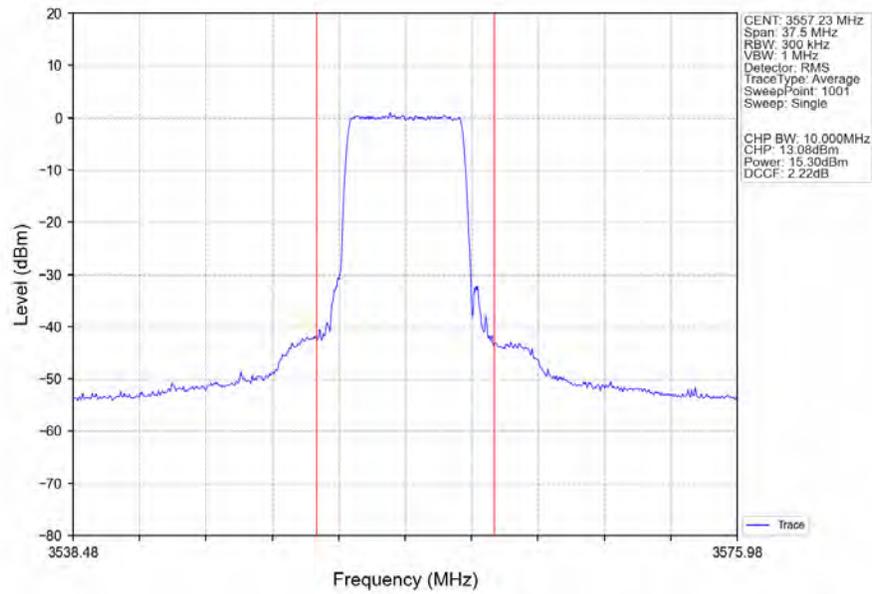
Band48\_15MHz\_256QAM\_LCH\_3557.5MHz\_RB\_1\_74\_NTNV



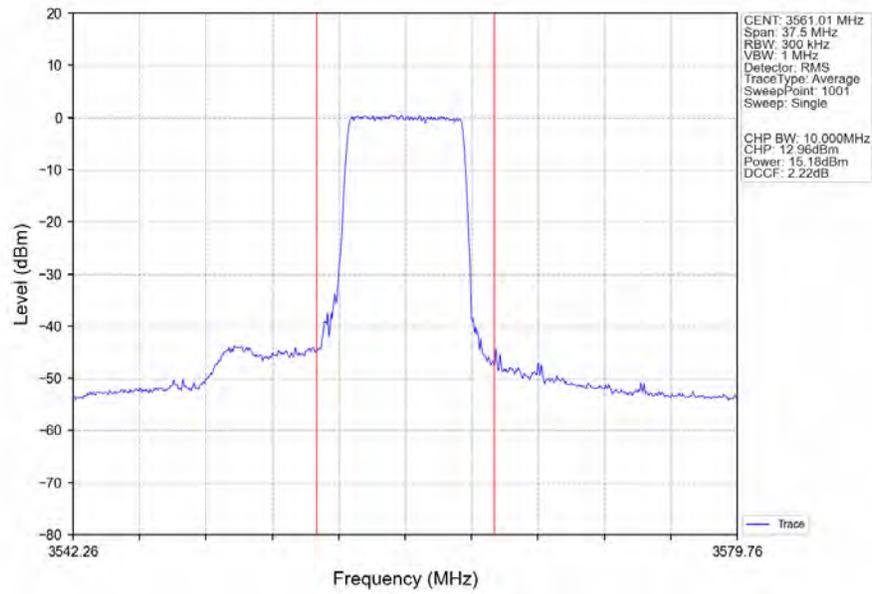
Band48\_15MHz\_256QAM\_LCH\_3557.5MHz\_RB\_36\_0\_NTNV



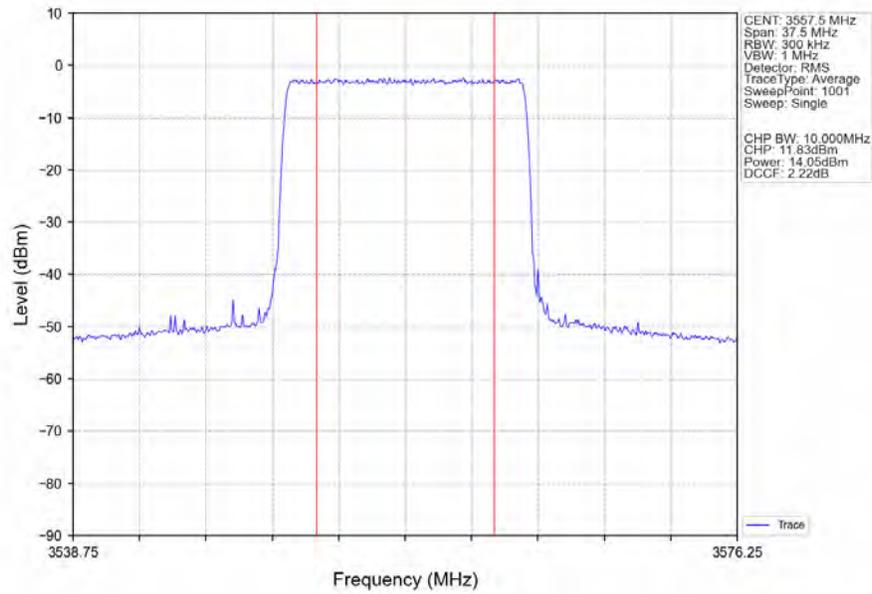
Band48\_15MHz\_256QAM\_LCH\_3557.5MHz\_RB\_36\_18\_NTNV



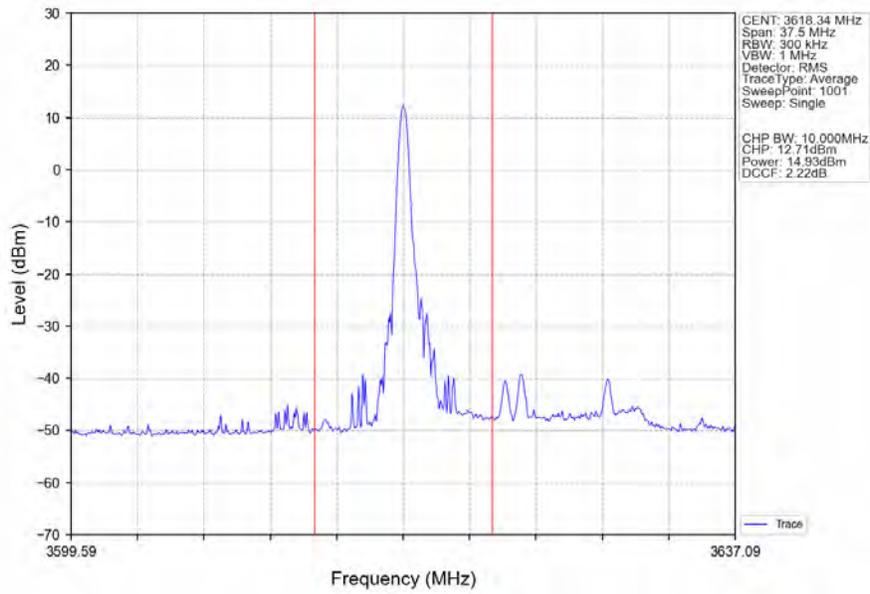
Band48\_15MHz\_256QAM\_LCH\_3557.5MHz\_RB\_36\_39\_NTNV



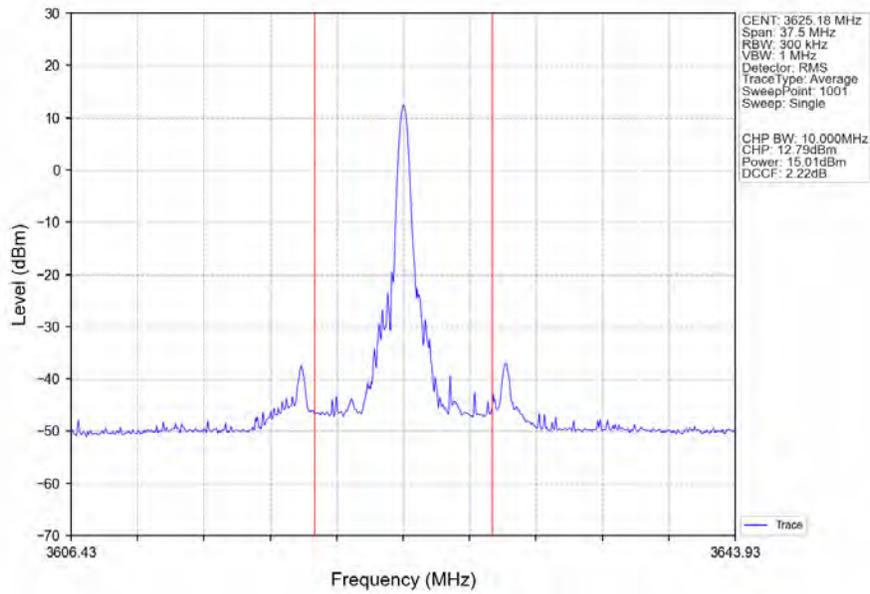
Band48\_15MHz\_256QAM\_LCH\_3557.5MHz\_RB\_75\_0\_NTNV



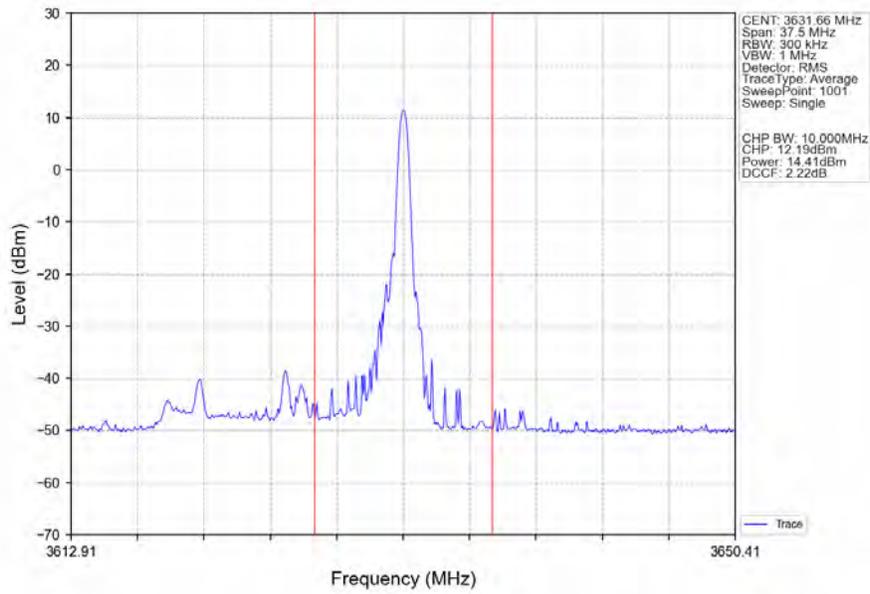
Band48\_15MHz\_256QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV



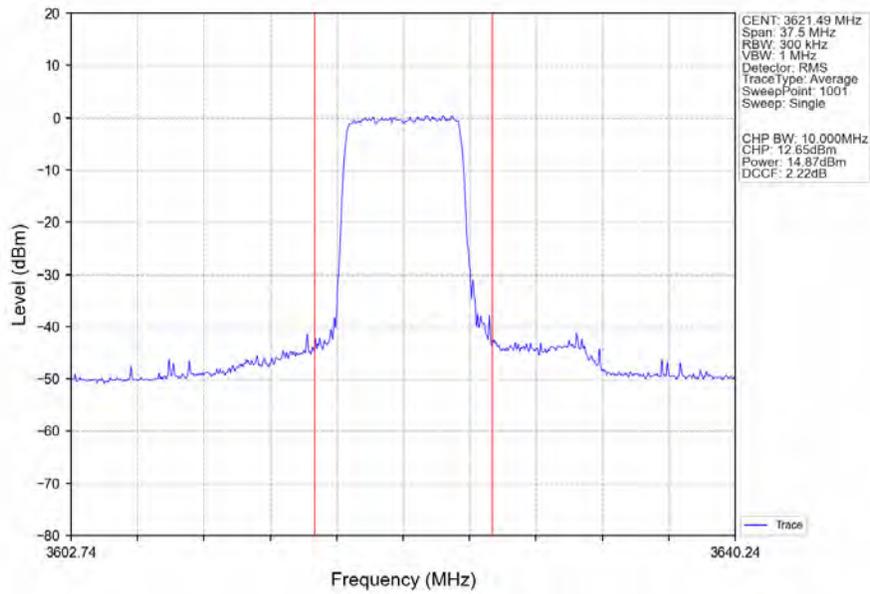
Band48\_15MHz\_256QAM\_MCH\_3625MHz\_RB\_1\_38\_NTNV



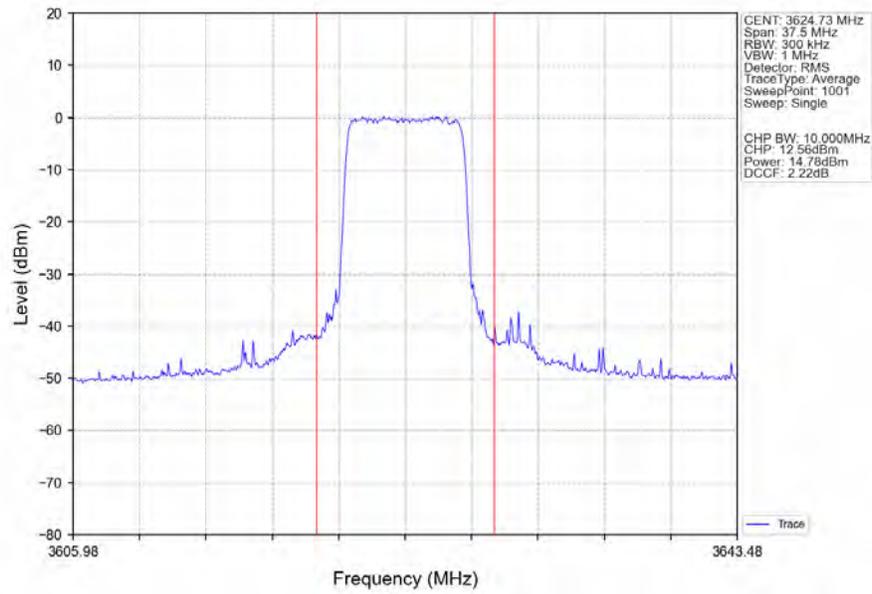
Band48\_15MHz\_256QAM\_MCH\_3625MHz\_RB\_1\_74\_NTNV



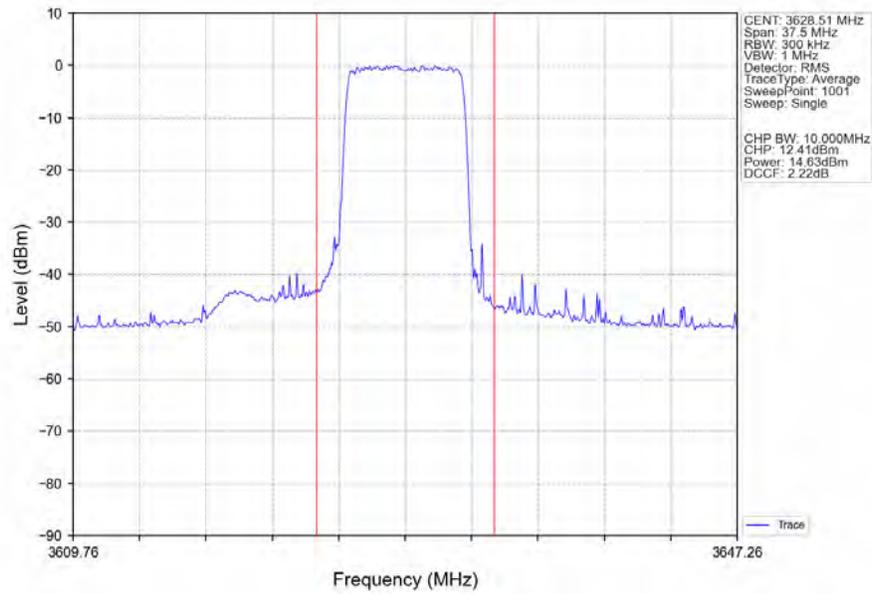
Band48\_15MHz\_256QAM\_MCH\_3625MHz\_RB\_36\_0\_NTNV



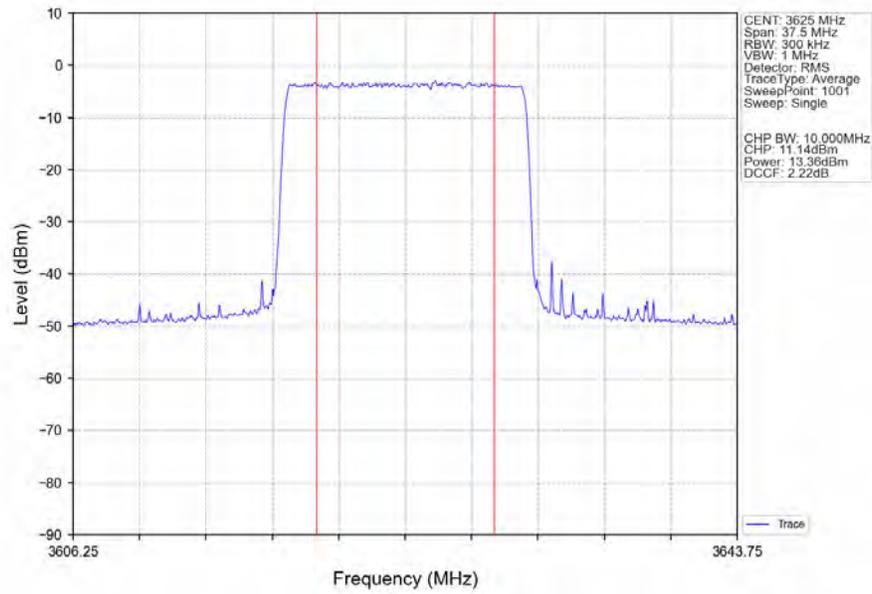
Band48\_15MHz\_256QAM\_MCH\_3625MHz\_RB\_36\_18\_NTNV



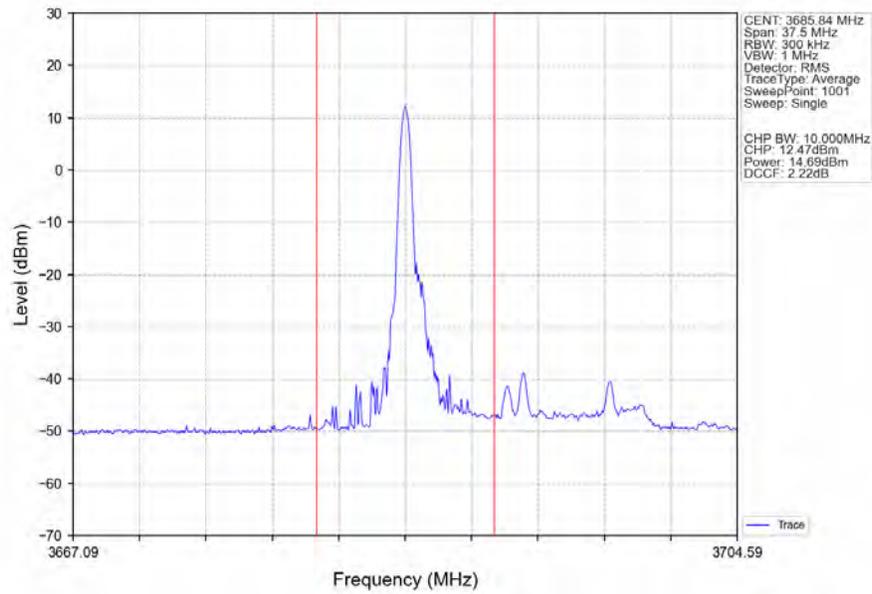
Band48\_15MHz\_256QAM\_MCH\_3625MHz\_RB\_36\_39\_NTNV



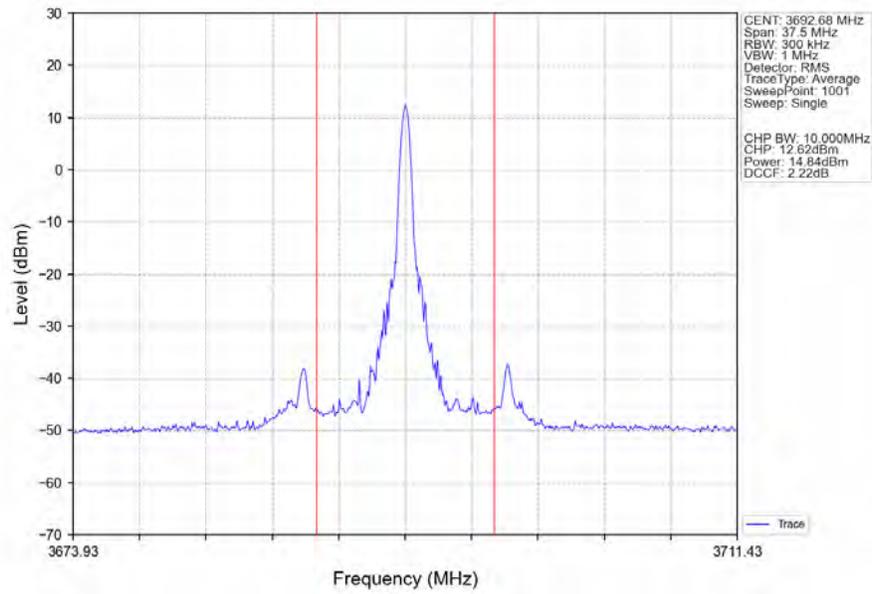
Band48\_15MHz\_256QAM\_MCH\_3625MHz\_RB\_75\_0\_NTNV



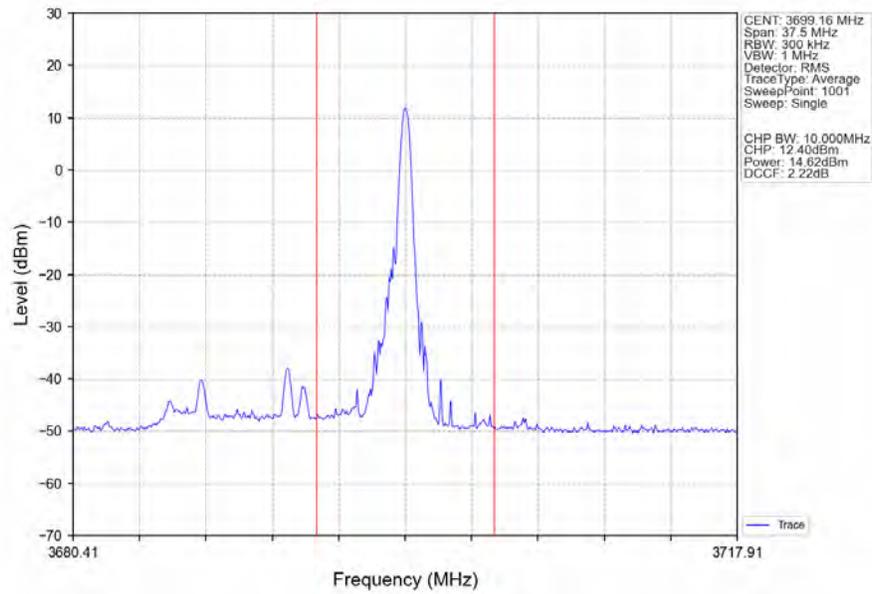
Band48\_15MHz\_256QAM\_HCH\_3692.5MHz\_RB\_1\_0\_NTNV



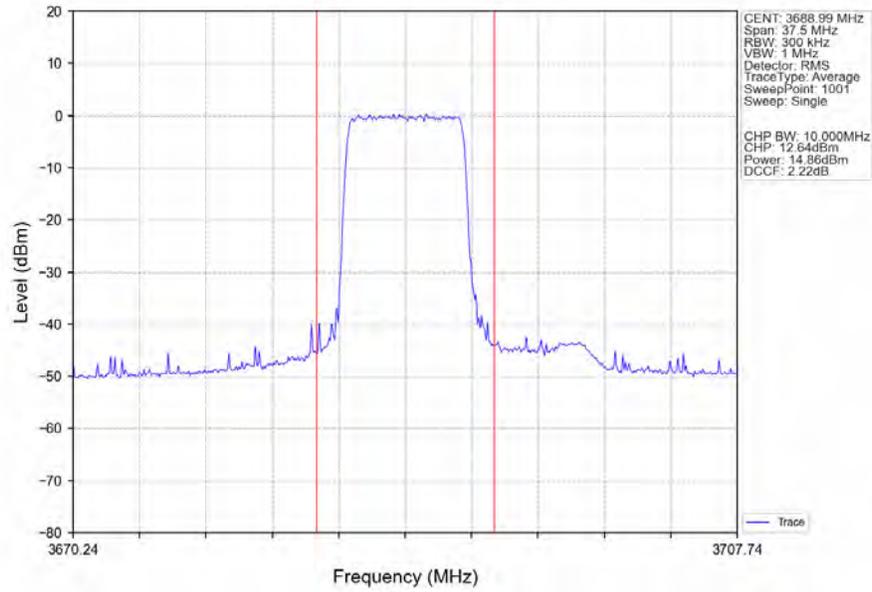
Band48\_15MHz\_256QAM\_HCH\_3692.5MHz\_RB\_1\_38\_NTNV



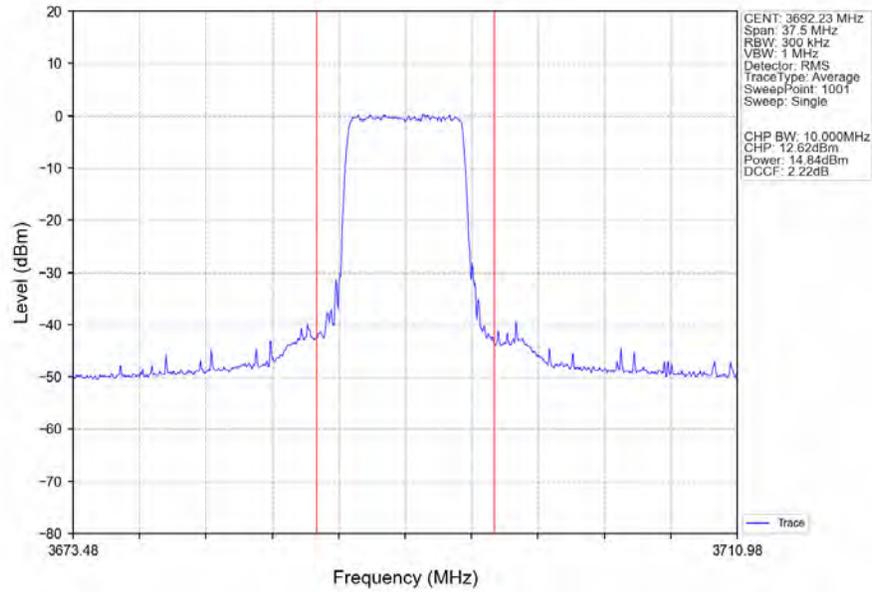
Band48\_15MHz\_256QAM\_HCH\_3692.5MHz\_RB\_1\_74\_NTNV



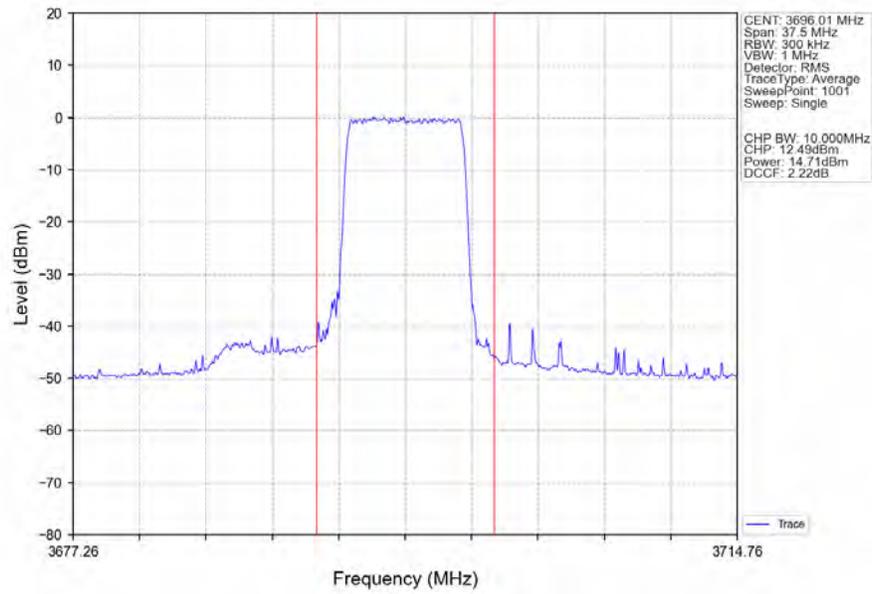
Band48\_15MHz\_256QAM\_HCH\_3692.5MHz\_RB\_36\_0\_NTNV



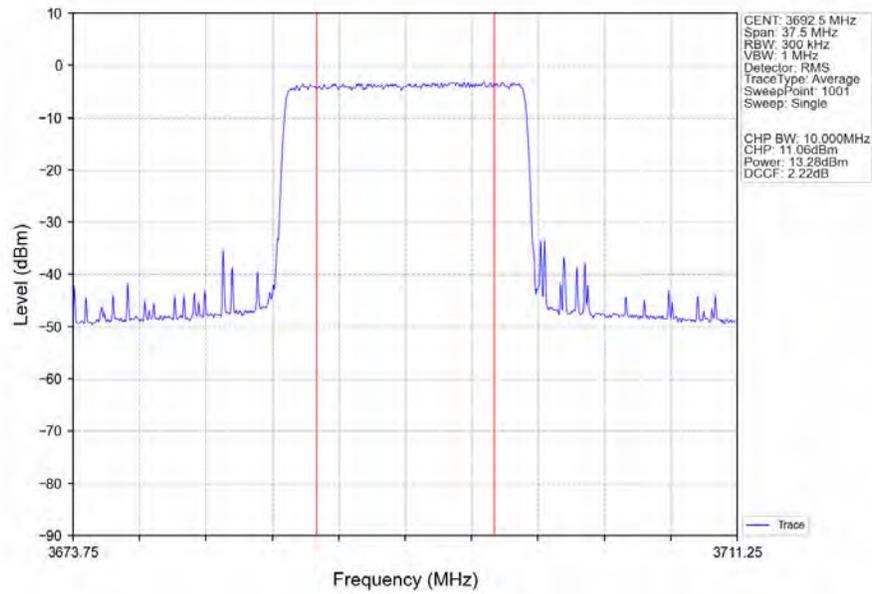
Band48\_15MHz\_256QAM\_HCH\_3692.5MHz\_RB\_36\_18\_NTNV



Band48\_15MHz\_256QAM\_HCH\_3692.5MHz\_RB\_36\_39\_NTNV

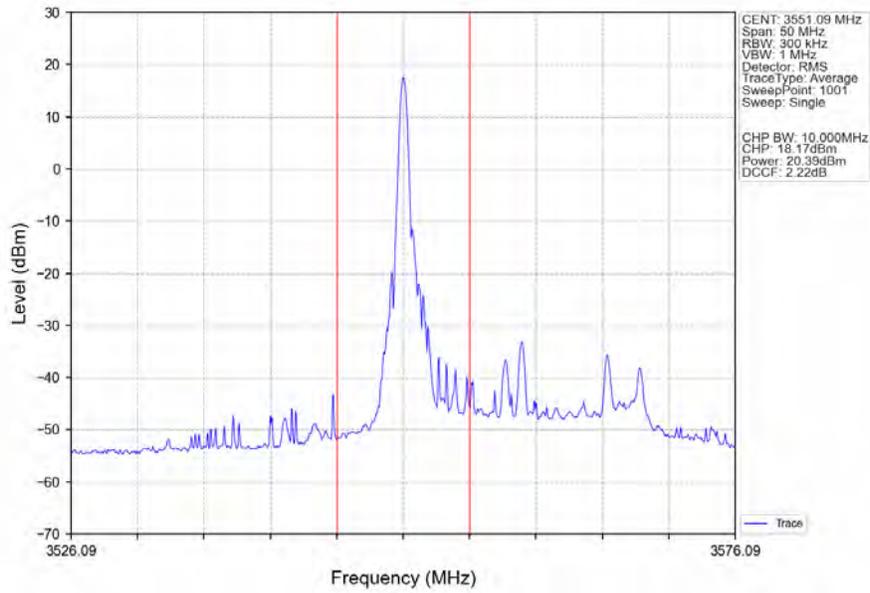


Band48\_15MHz\_256QAM\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV

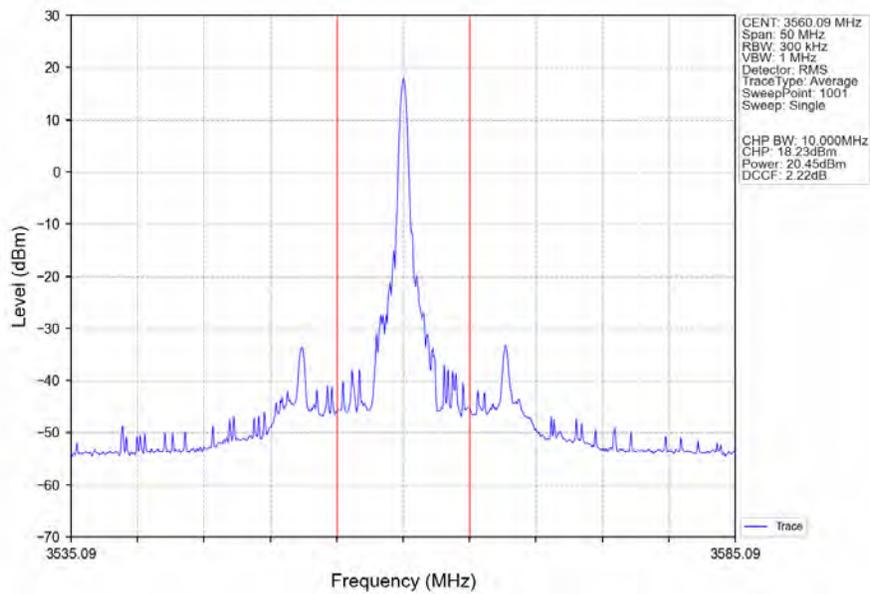


### 1.2.4 B48\_20MHz\_EIRP/10MHz

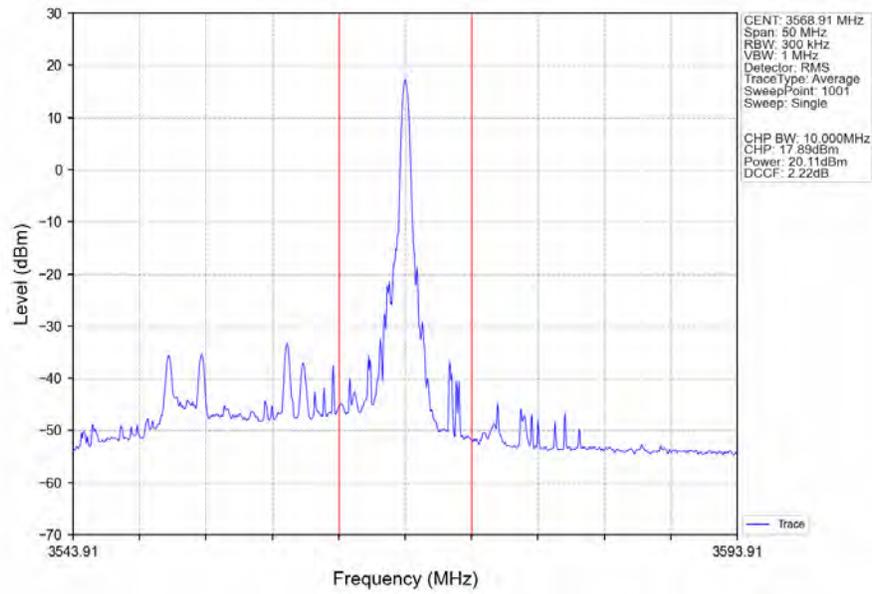
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_1\_0\_NTNV



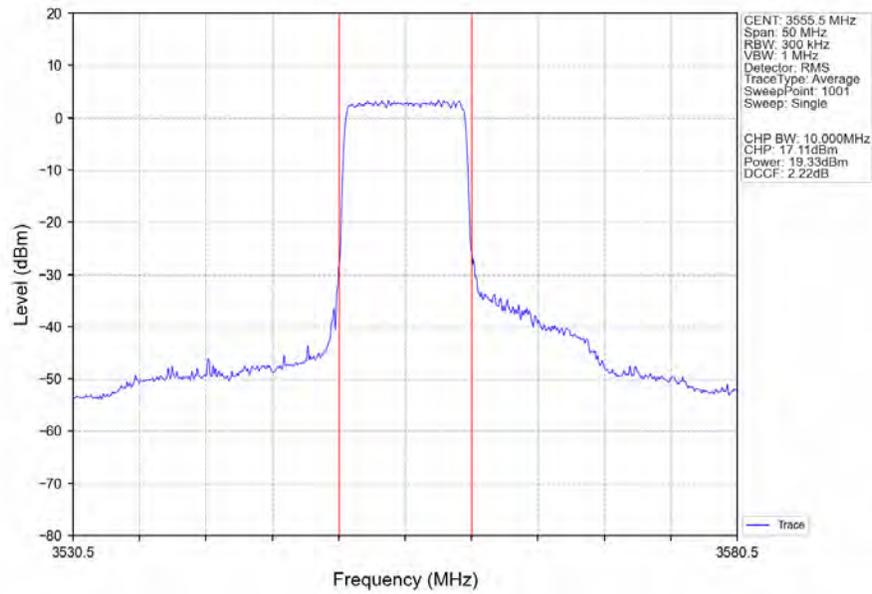
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_1\_50\_NTNV



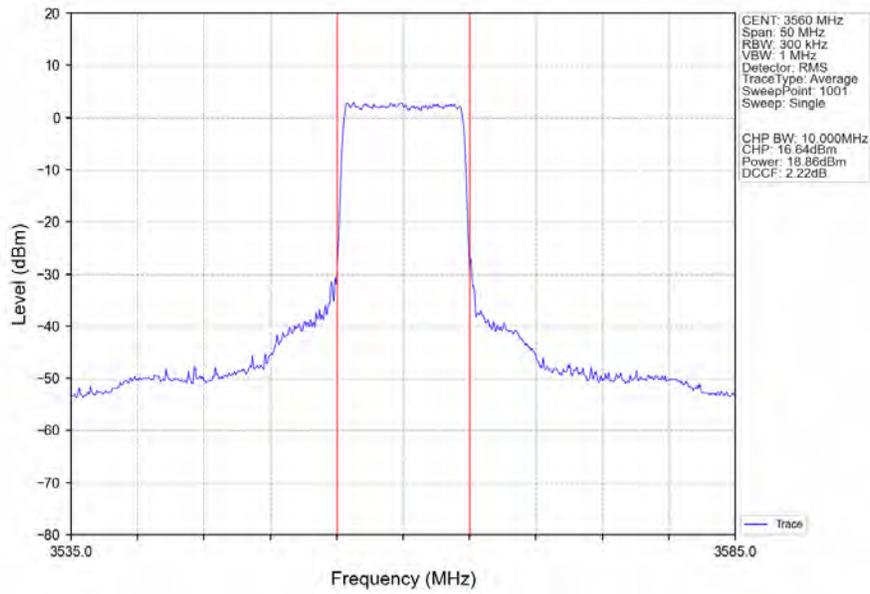
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_1\_99\_NTNV



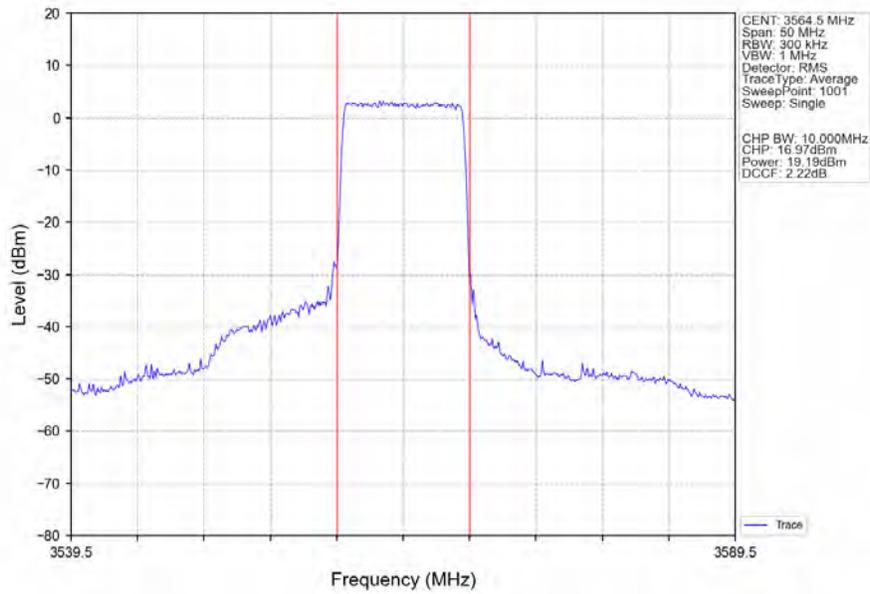
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_50\_0\_NTNV



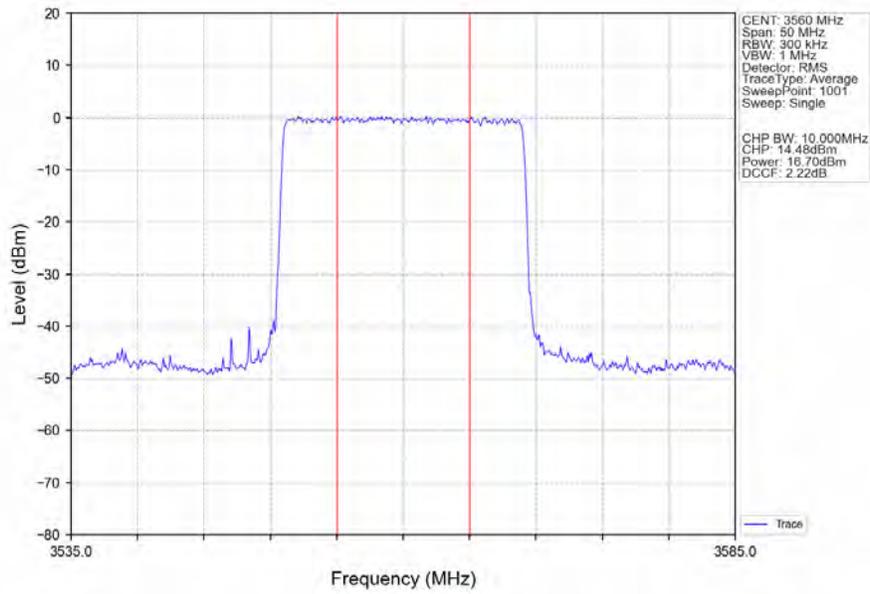
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_50\_25\_NTNV



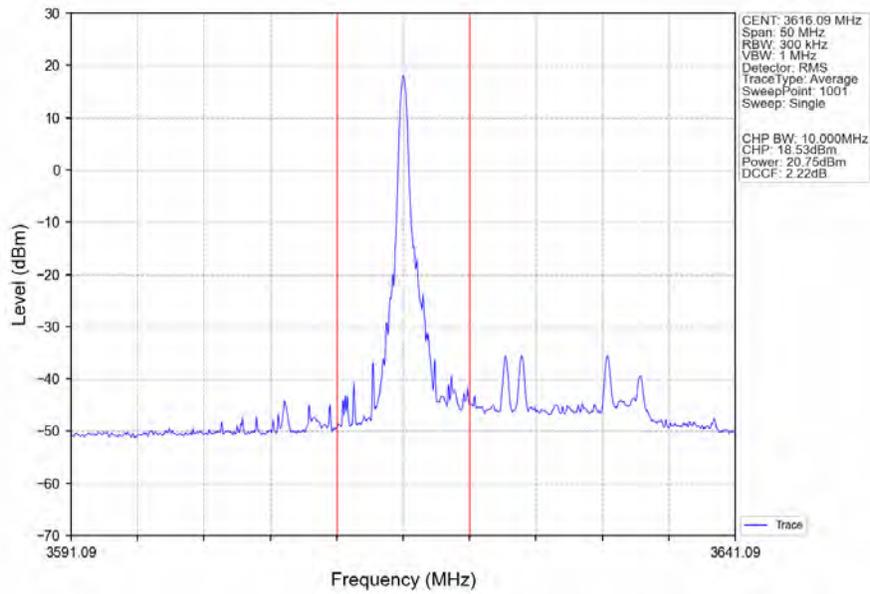
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_50\_50\_NTNV



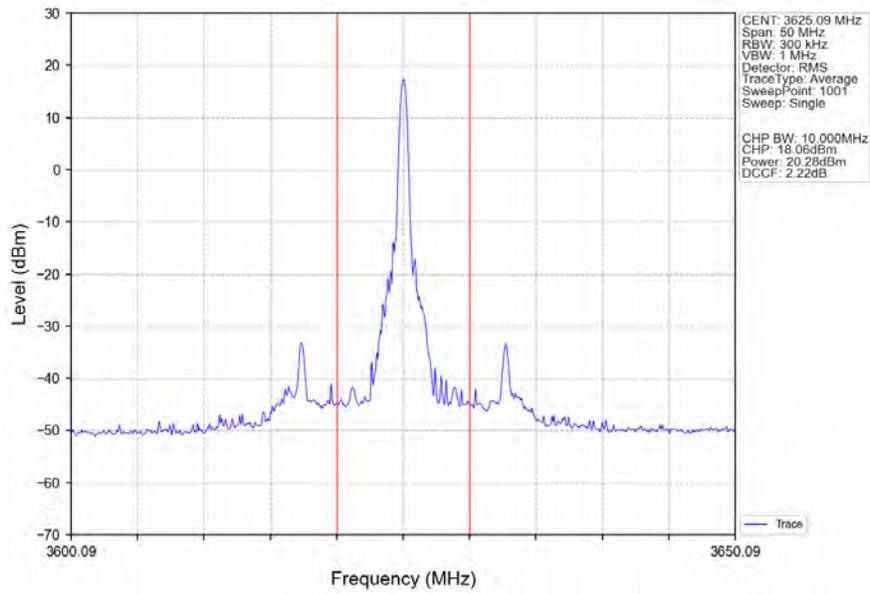
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_100\_0\_NTNV



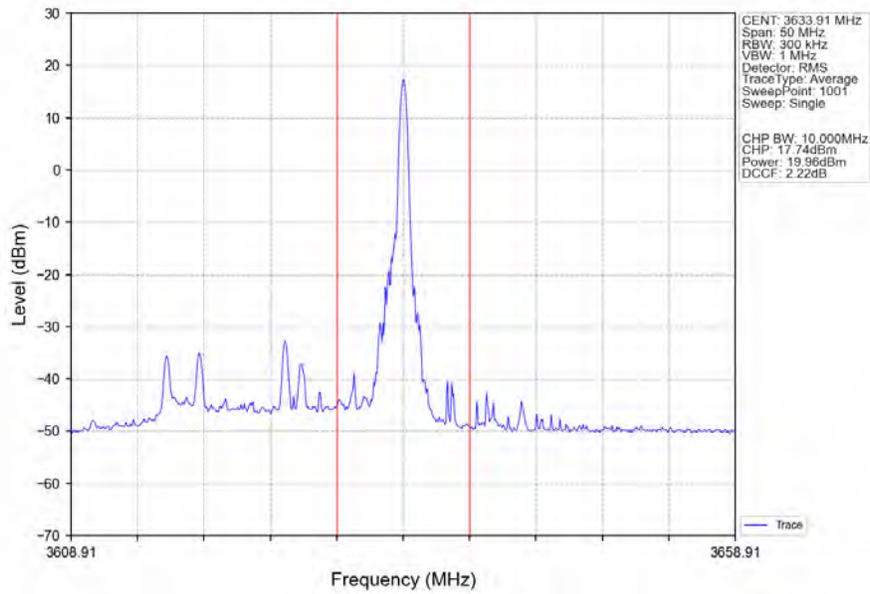
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



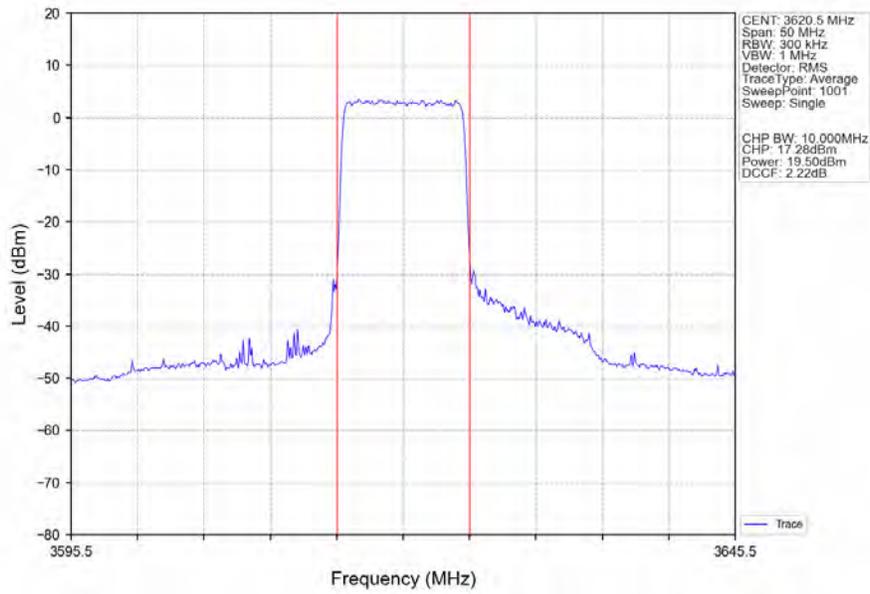
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_50\_NTNV



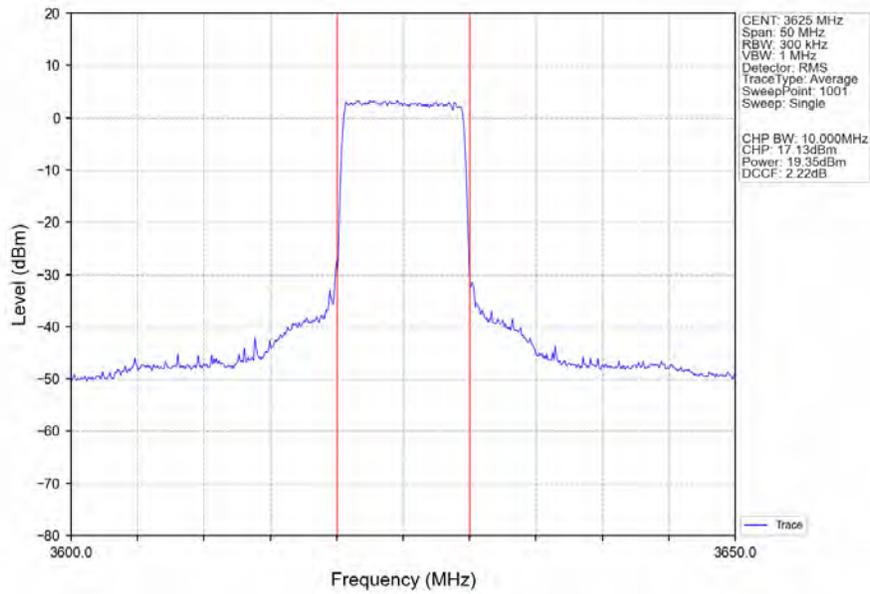
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_99\_NTNV



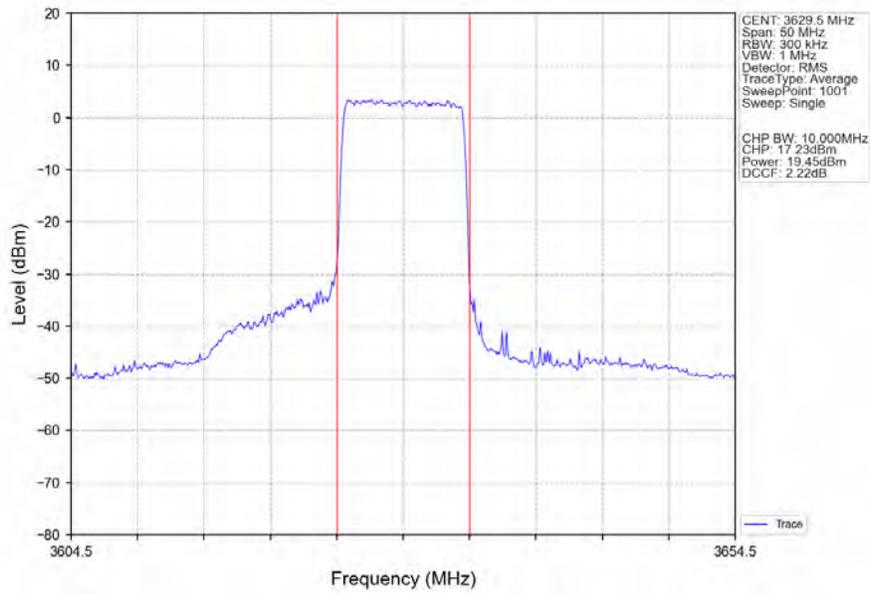
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_50\_0\_NTNV



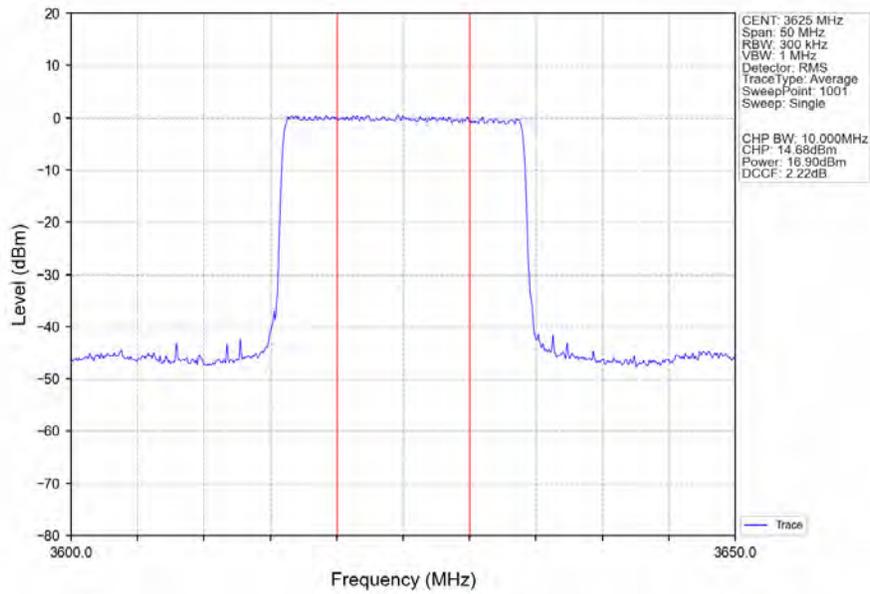
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_50\_25\_NTNV



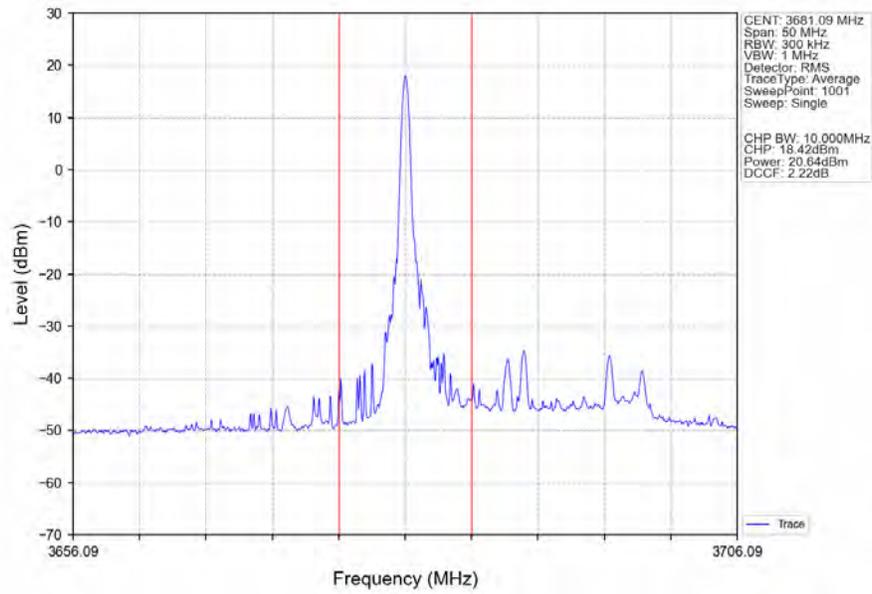
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_50\_50\_NTNV



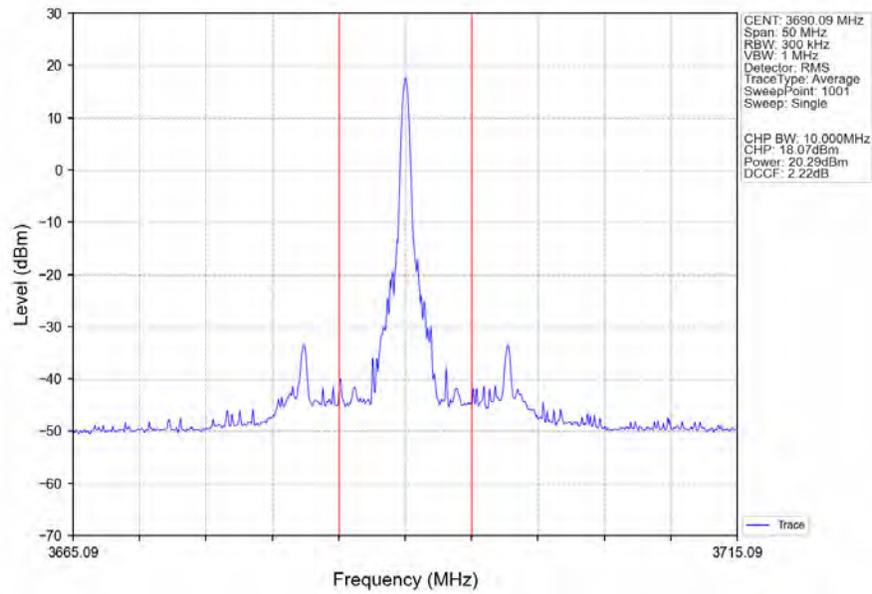
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_100\_0\_NTNV



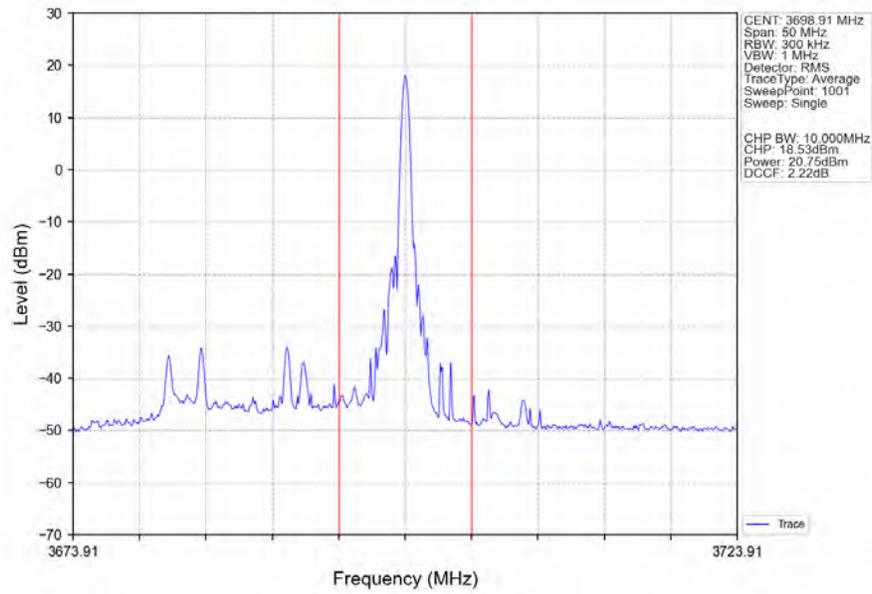
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_0\_NTNV



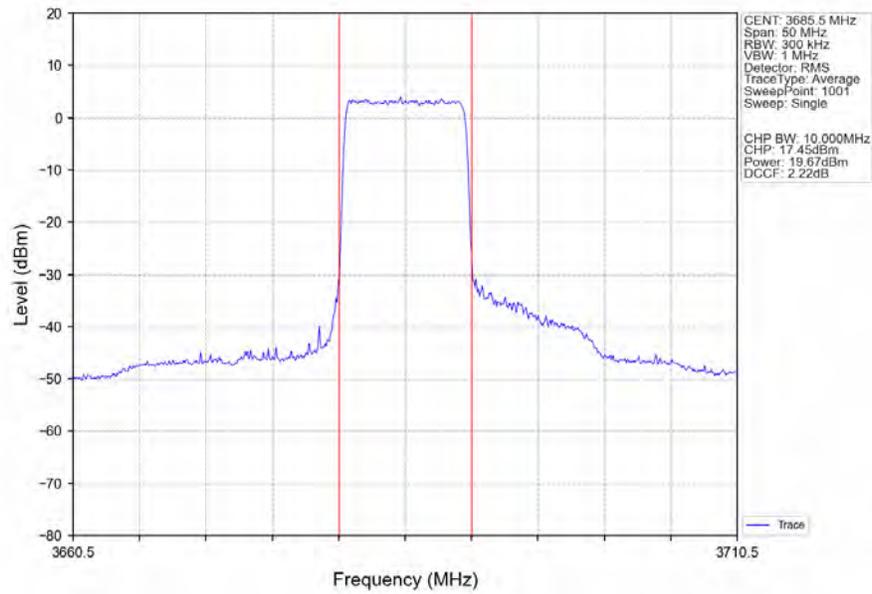
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_50\_NTNV



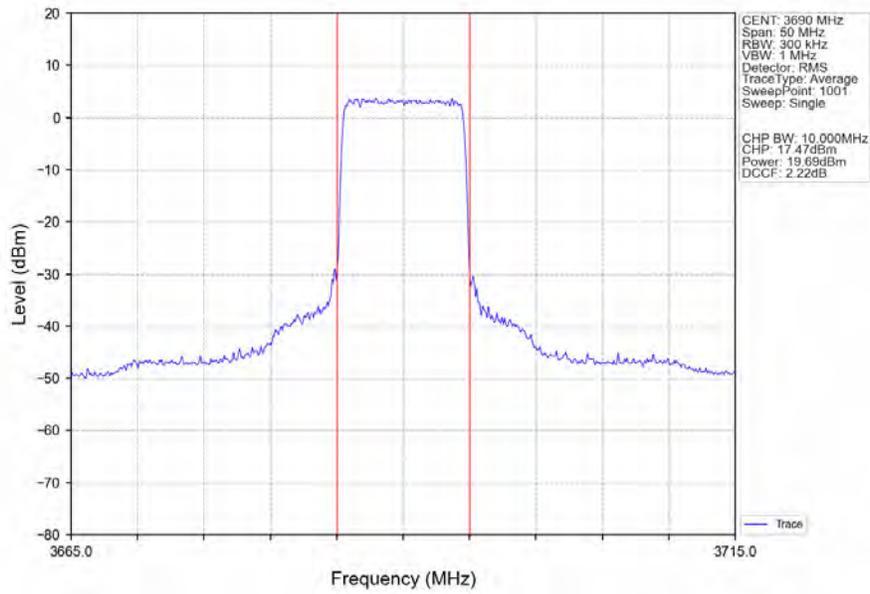
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_99\_NTNV



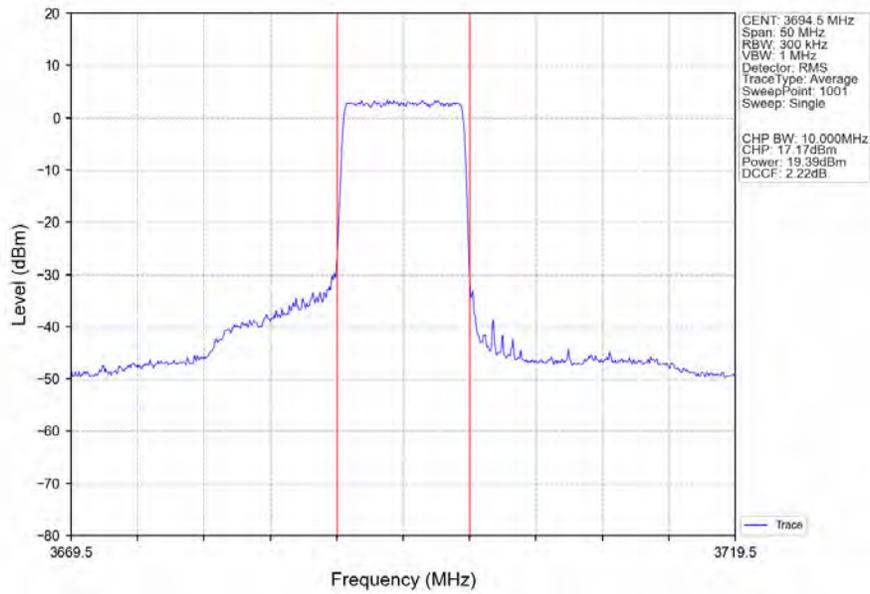
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_50\_0\_NTNV



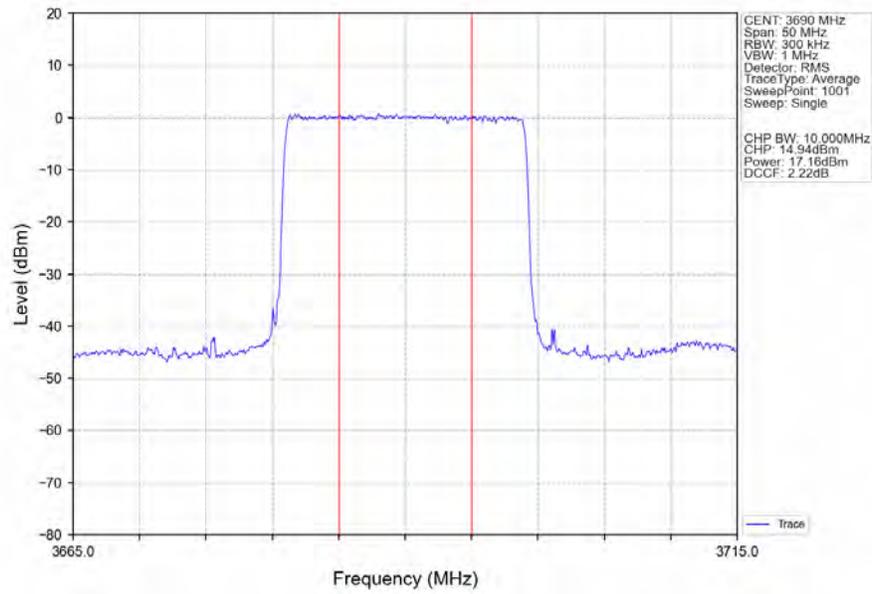
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_50\_25\_NTNV



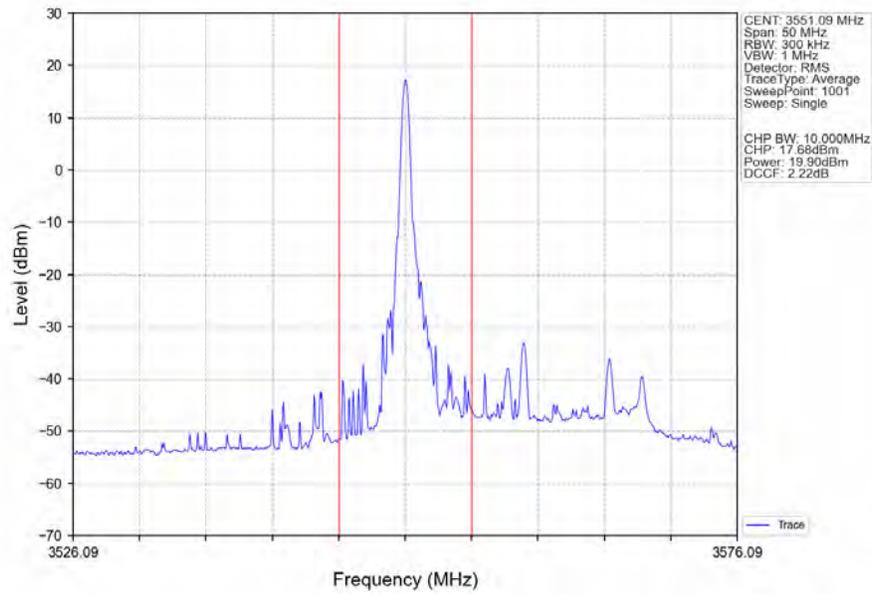
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_50\_50\_NTNV



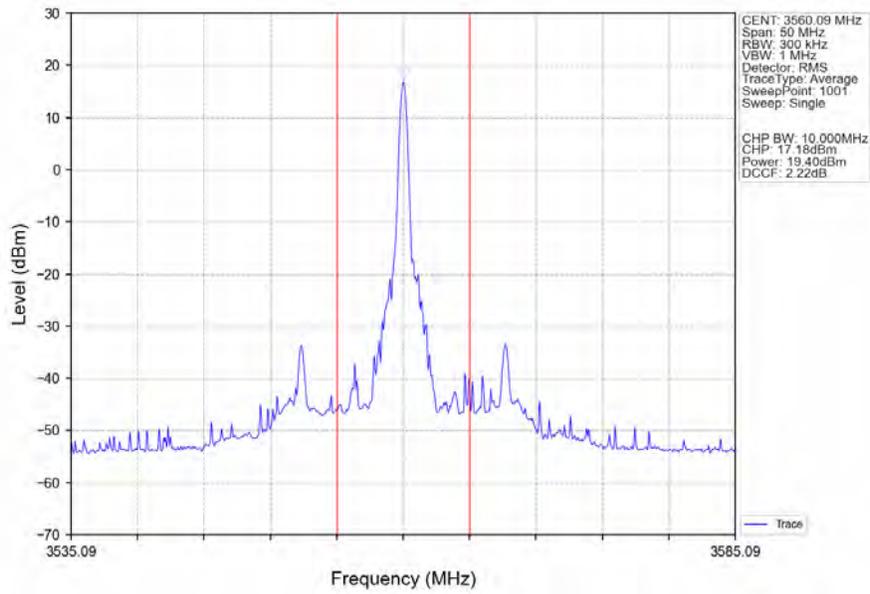
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_100\_0\_NTNV



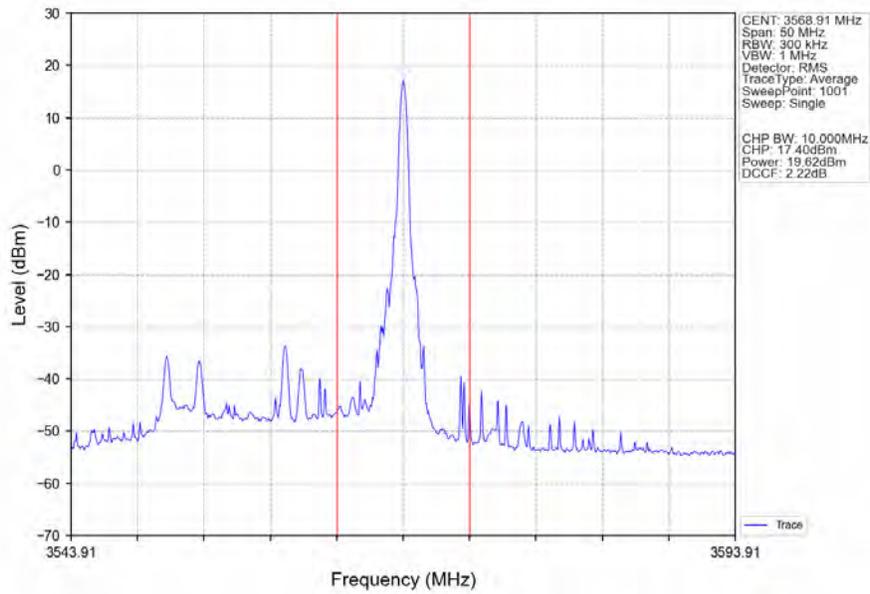
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_1\_0\_NTNV



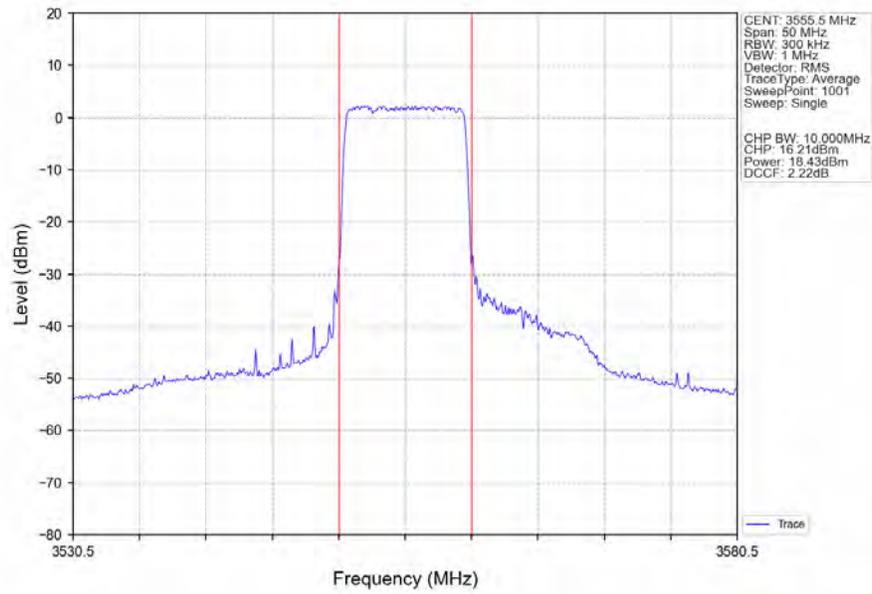
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_1\_50\_NTNV



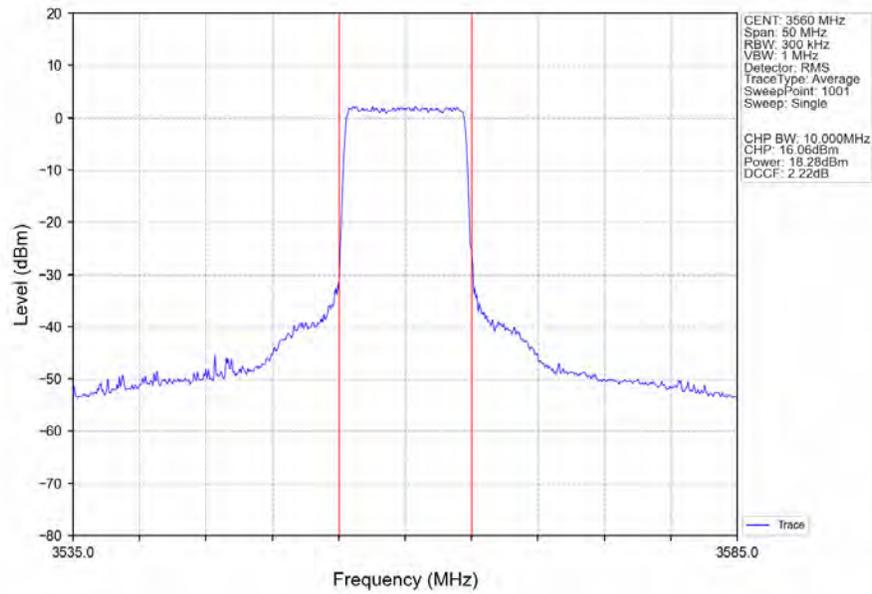
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_1\_99\_NTNV



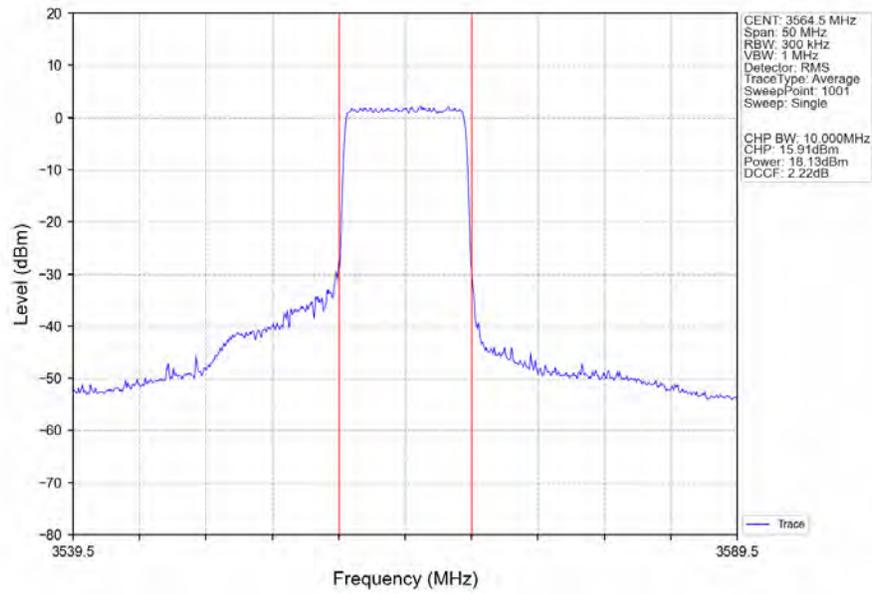
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_50\_0\_NTNV



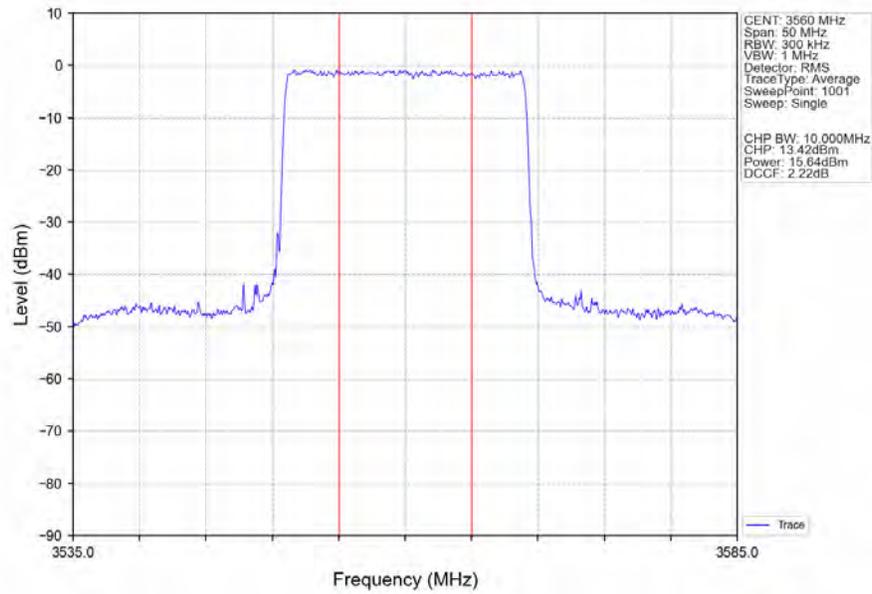
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_50\_25\_NTNV



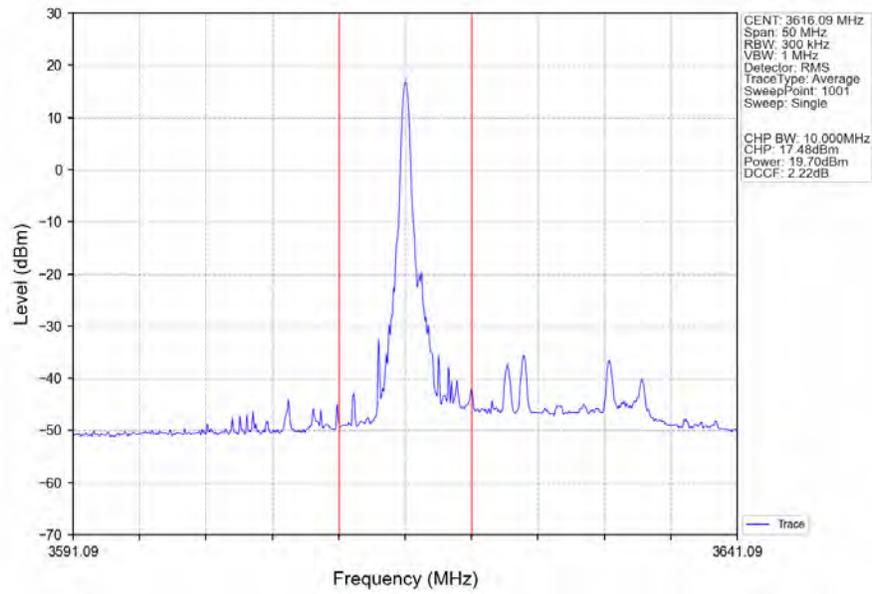
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_50\_50\_NTNV



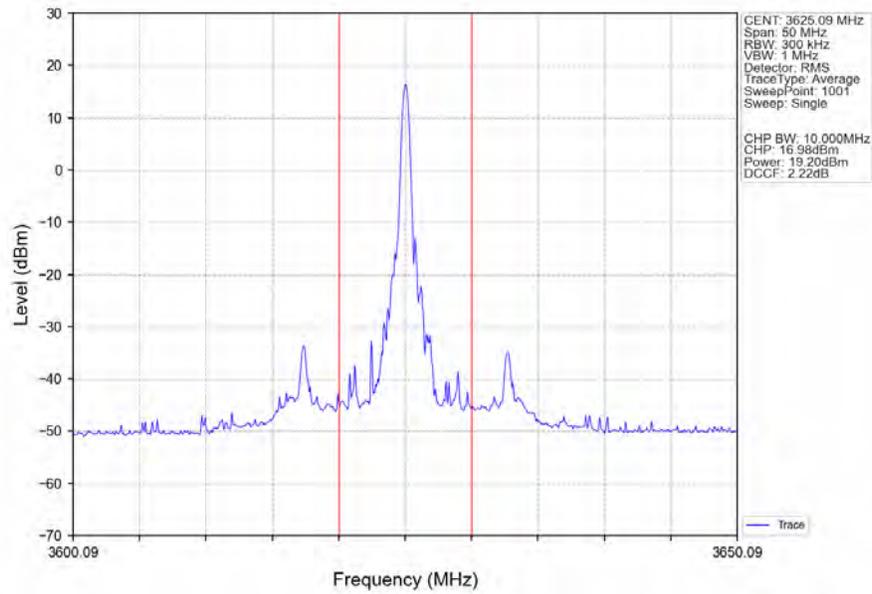
Band48\_20MHz\_16QAM\_LCH\_3560MHz\_RB\_100\_0\_NTNV



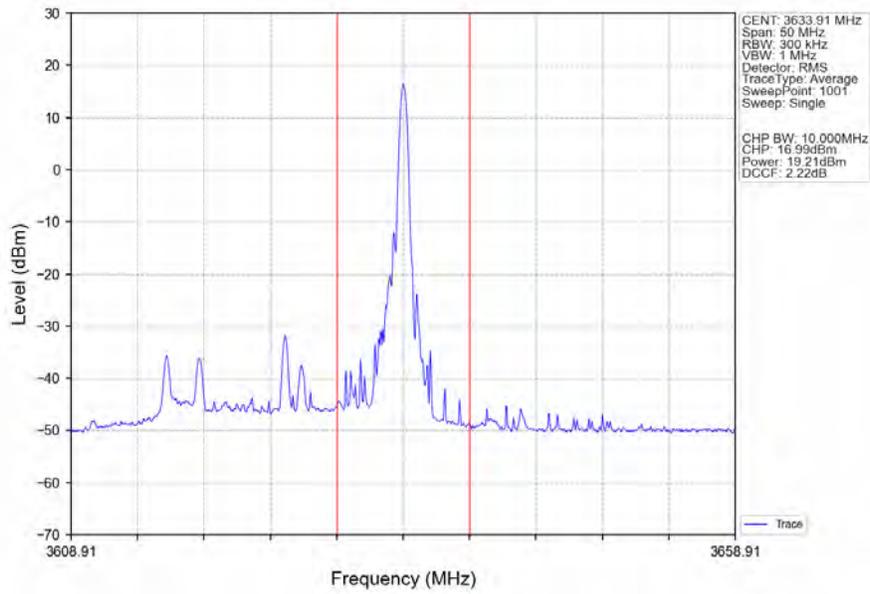
Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV



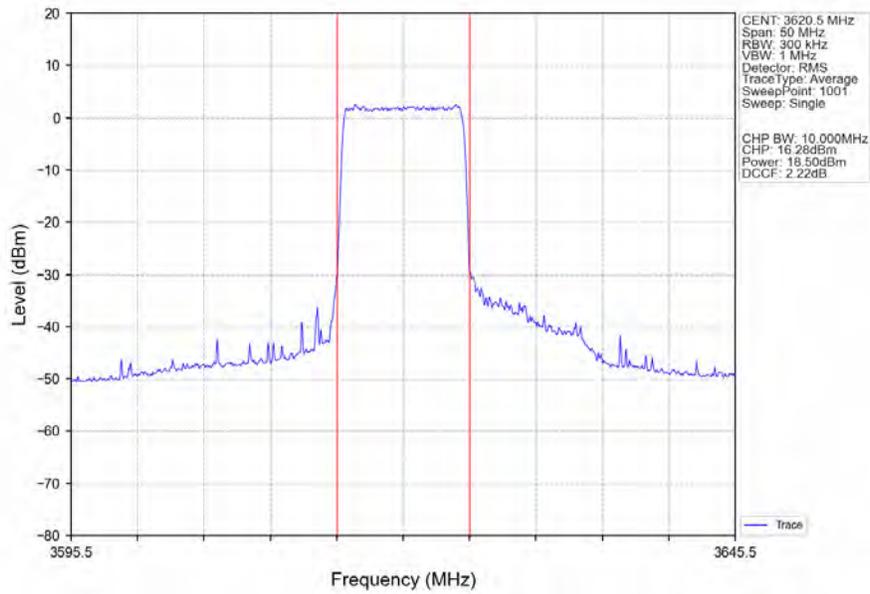
Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_50\_NTNV



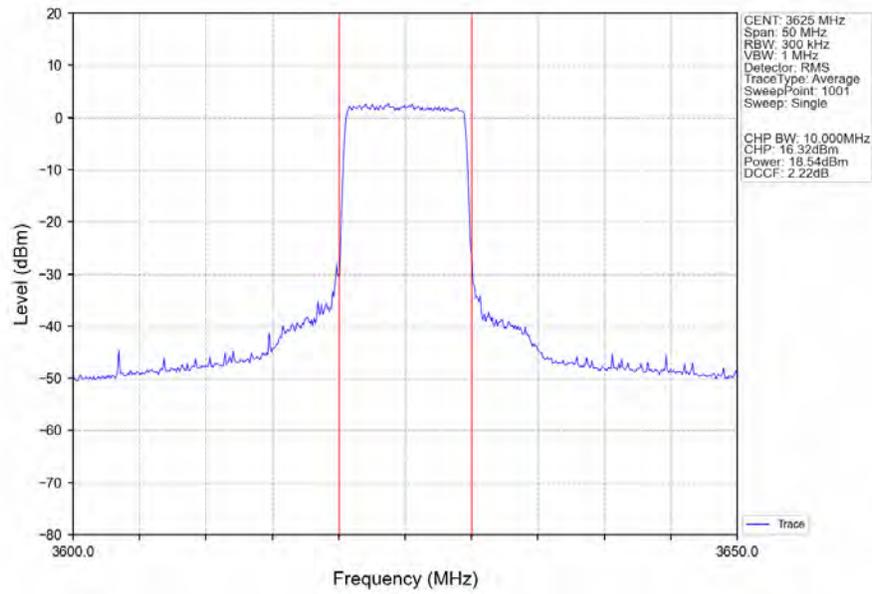
Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_99\_NTNV



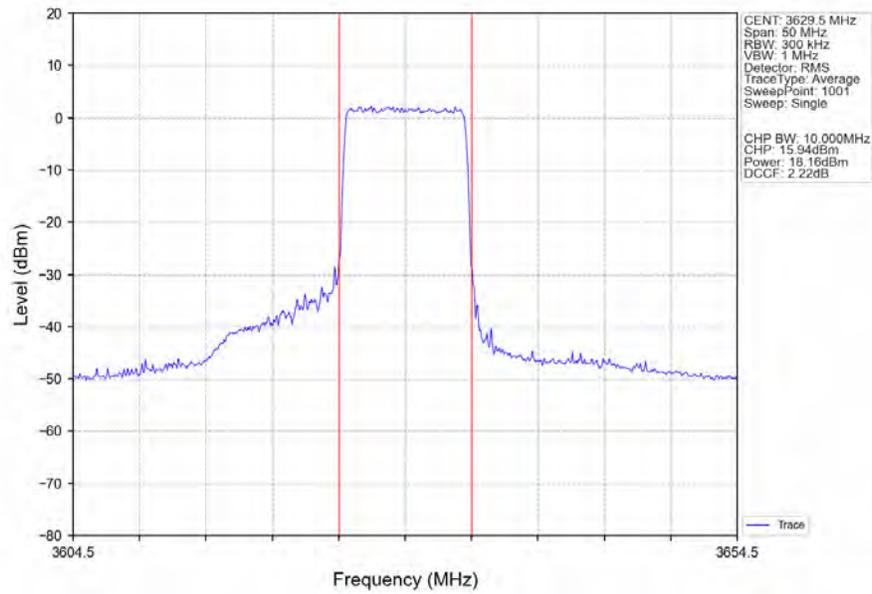
Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_50\_0\_NTNV



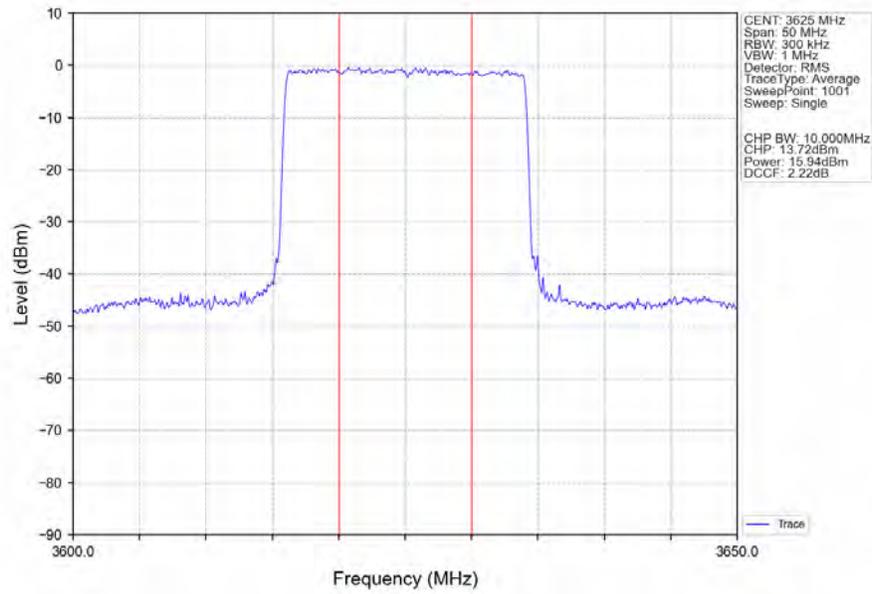
Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_50\_25\_NTNV



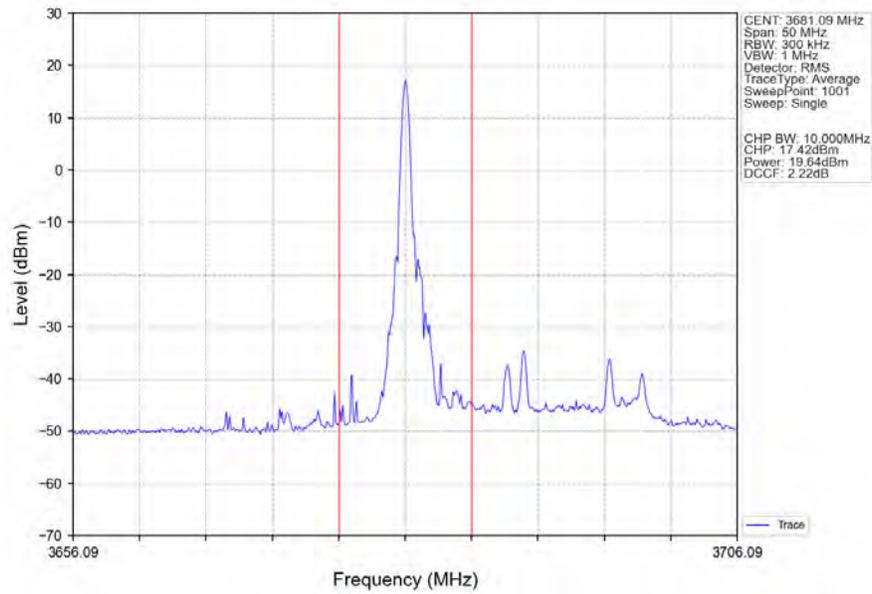
Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_50\_50\_NTNV



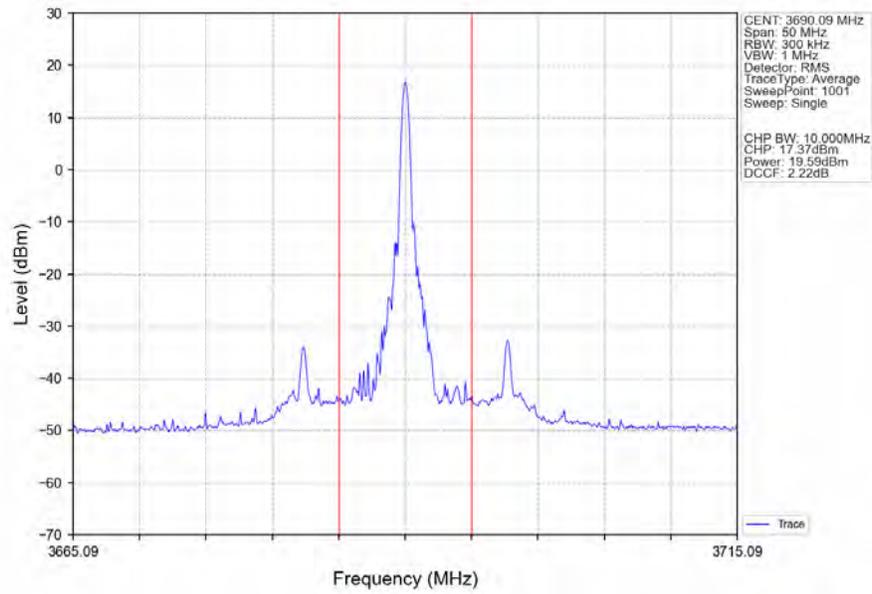
Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



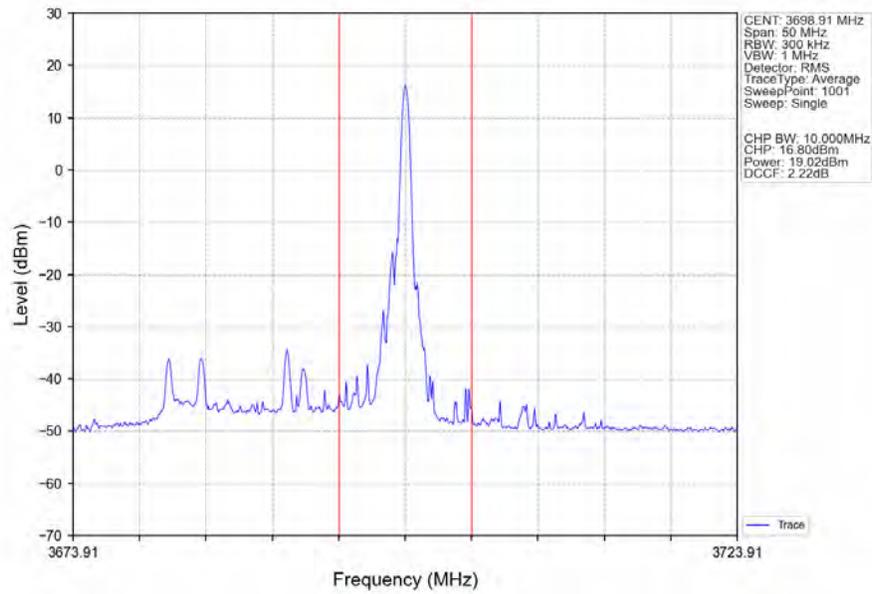
Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_1\_0\_NTNV



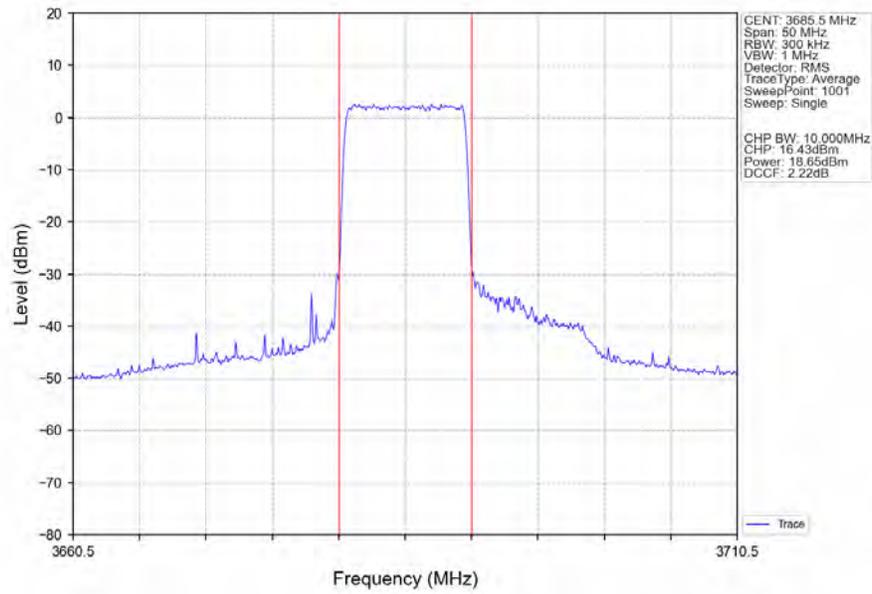
Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_1\_50\_NTNV



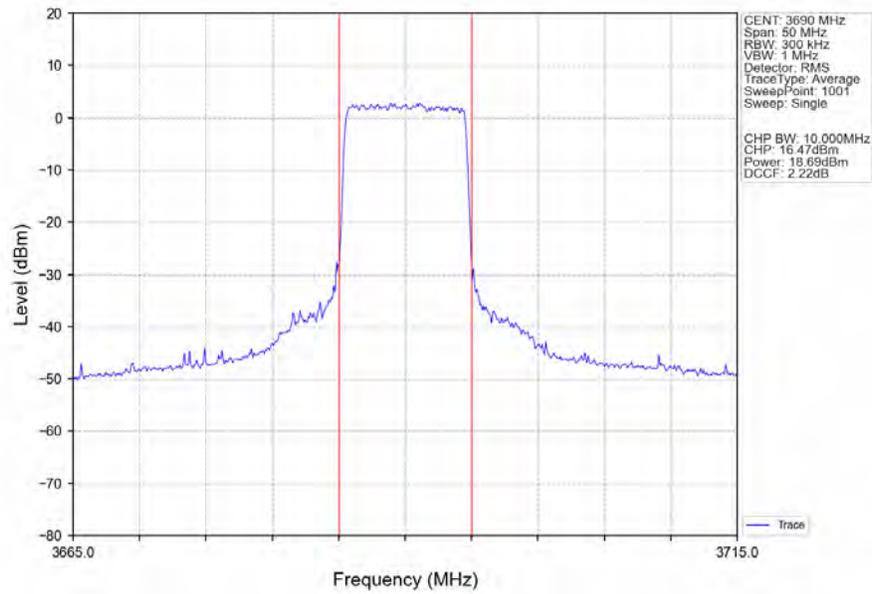
Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_1\_99\_NTNV



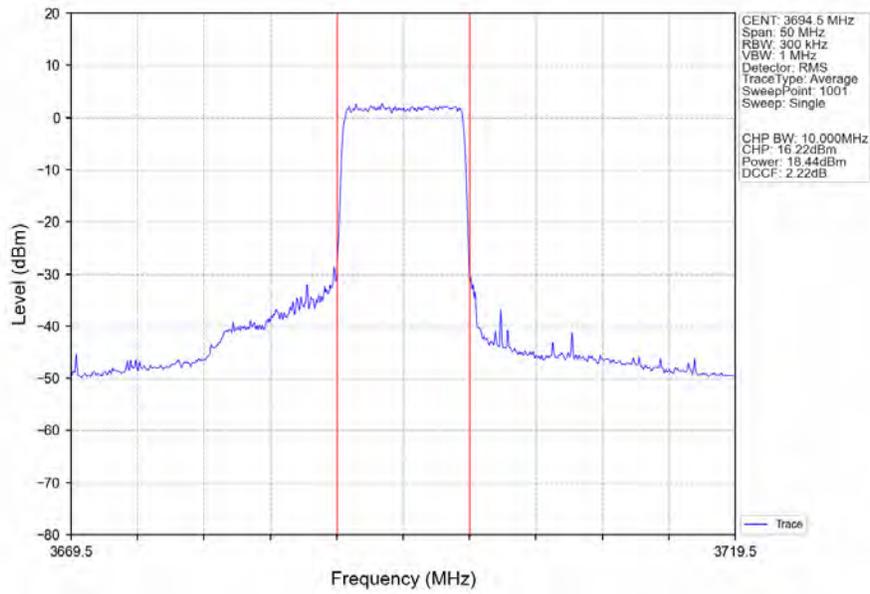
Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_50\_0\_NTNV



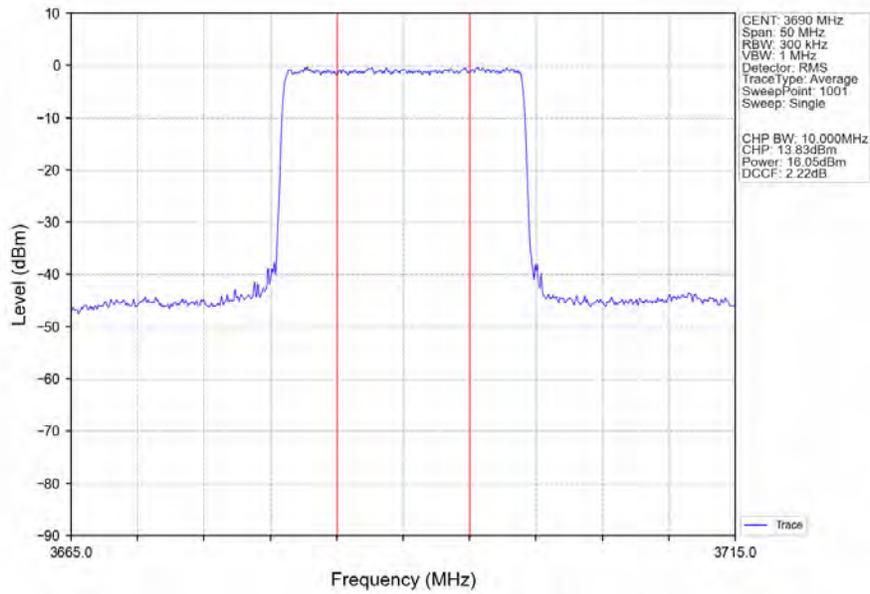
Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_50\_25\_NTNV



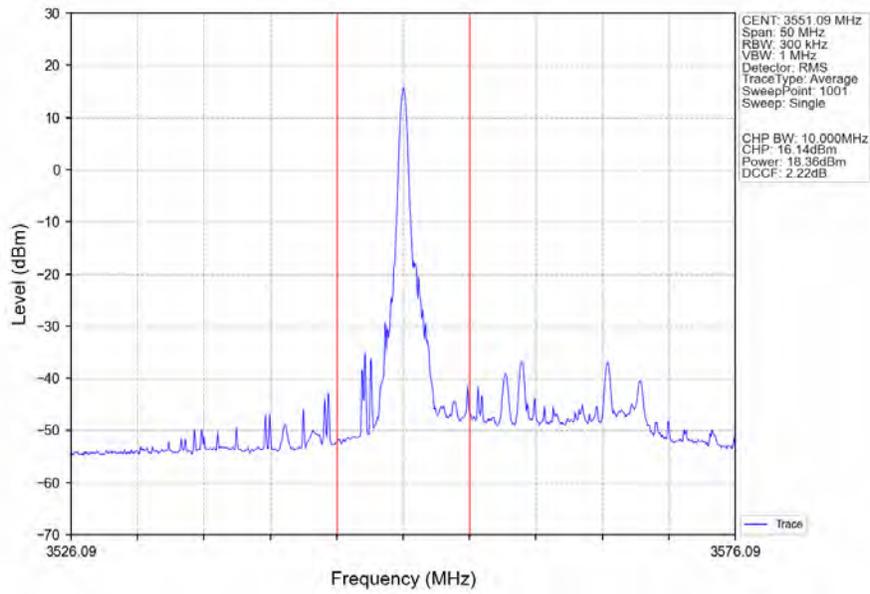
Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_50\_50\_NTNV



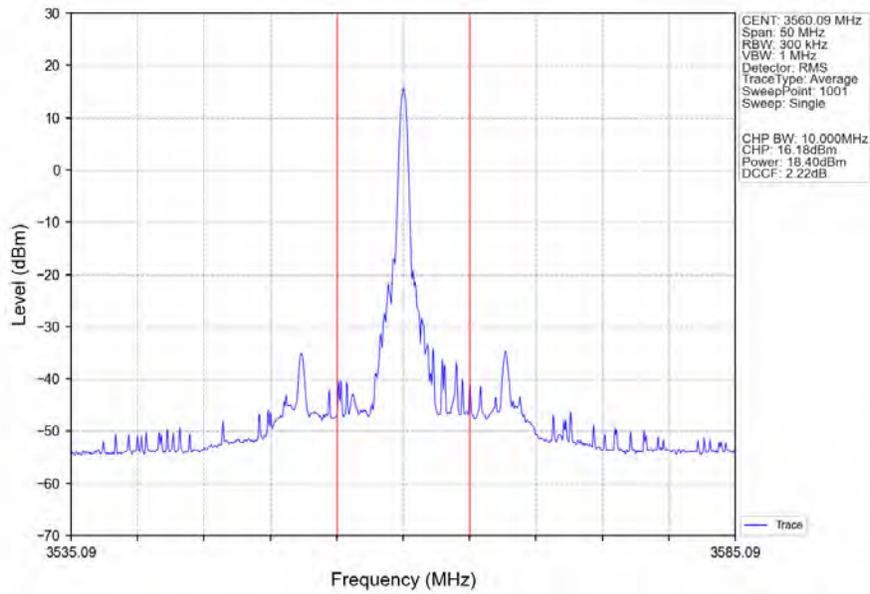
Band48\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_100\_0\_NTNV



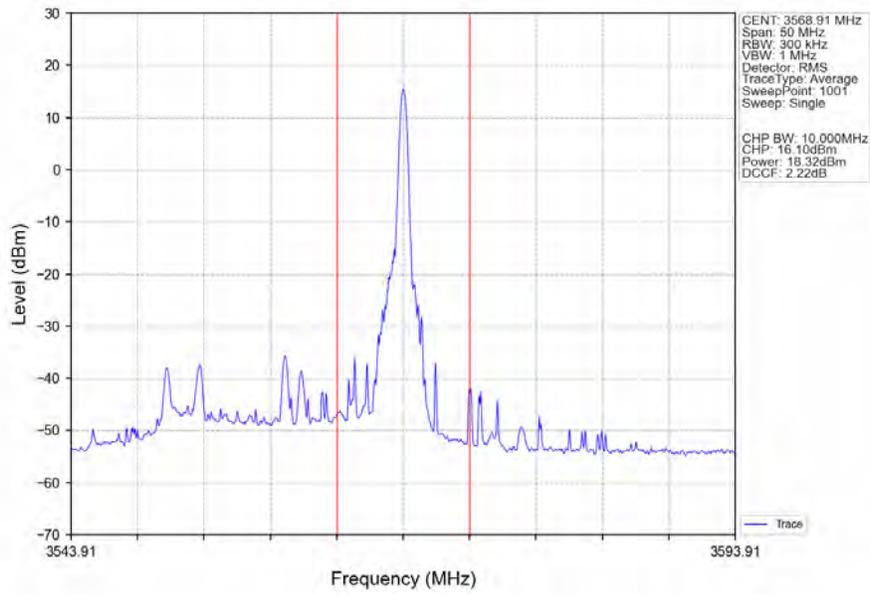
Band48\_20MHz\_64QAM\_LCH\_3560MHz\_RB\_1\_0\_NTNV



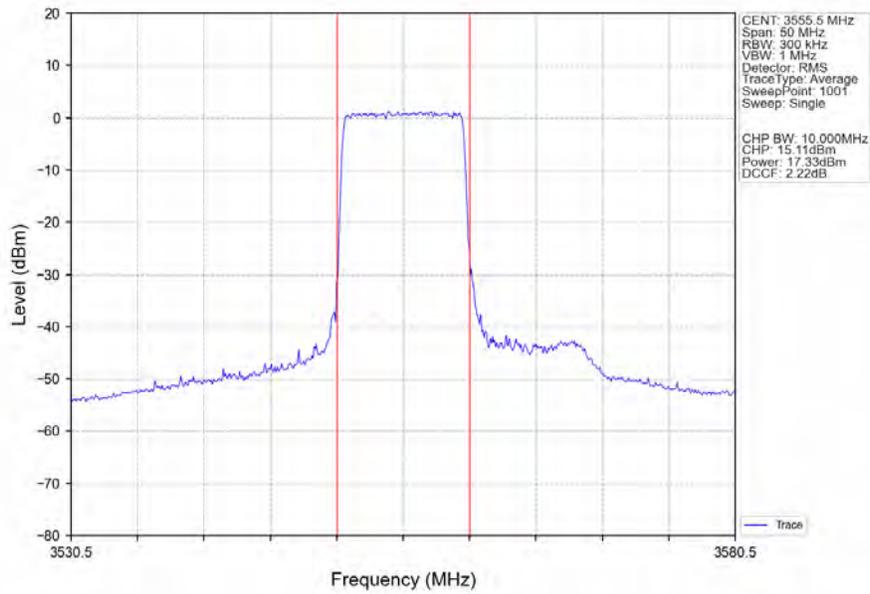
Band48\_20MHz\_64QAM\_LCH\_3560MHz\_RB\_1\_50\_NTNV



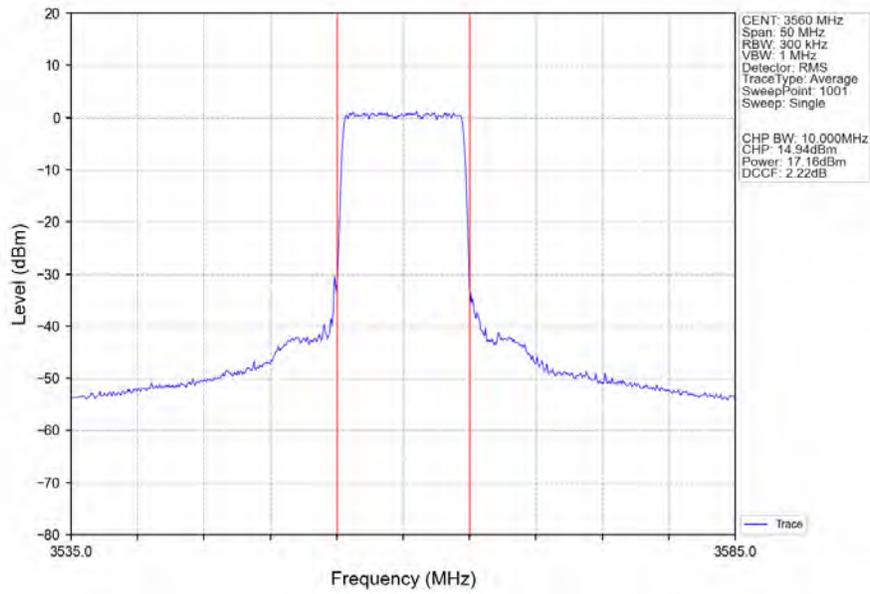
Band48\_20MHz\_64QAM\_LCH\_3560MHz\_RB\_1\_99\_NTNV



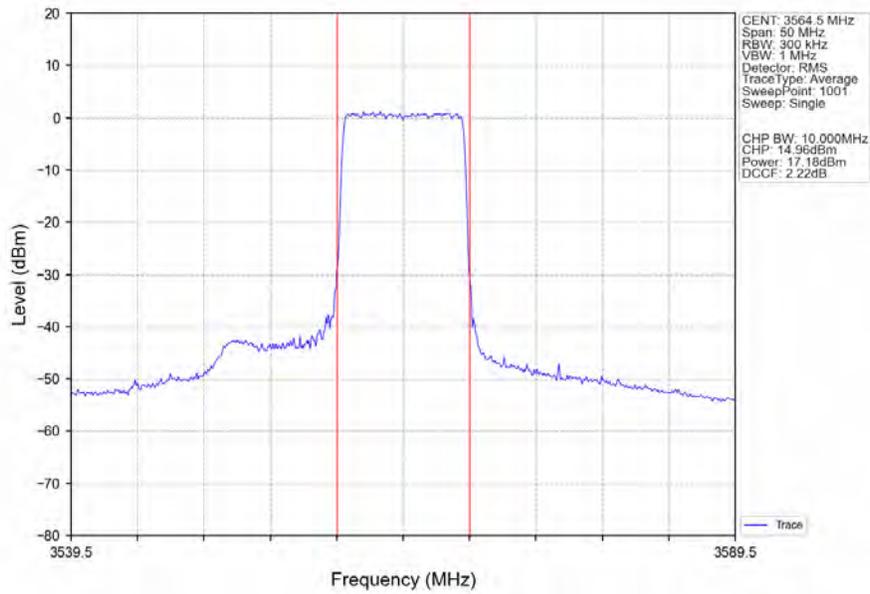
Band48\_20MHz\_64QAM\_LCH\_3560MHz\_RB\_50\_0\_NTNV



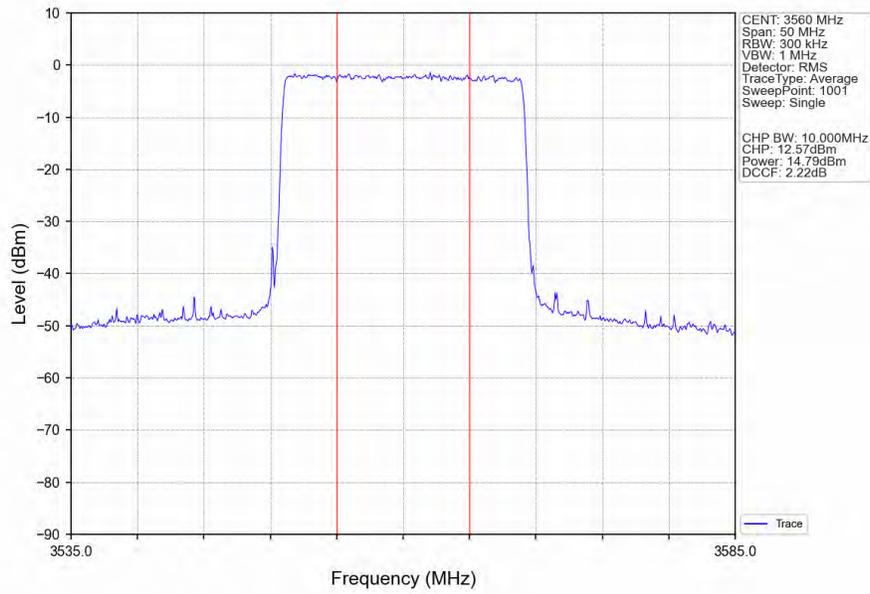
Band48\_20MHz\_64QAM\_LCH\_3560MHz\_RB\_50\_25\_NTNV



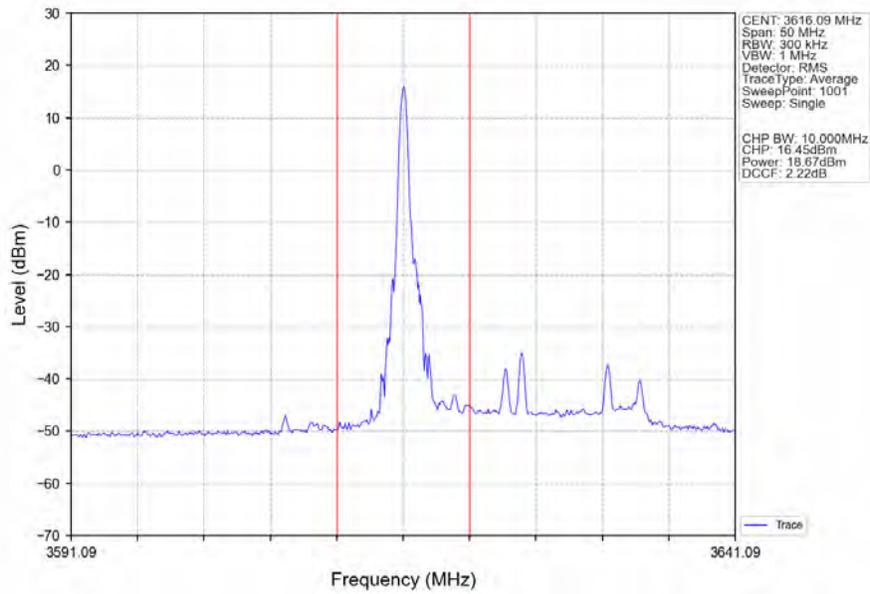
Band48\_20MHz\_64QAM\_LCH\_3560MHz\_RB\_50\_50\_NTNV



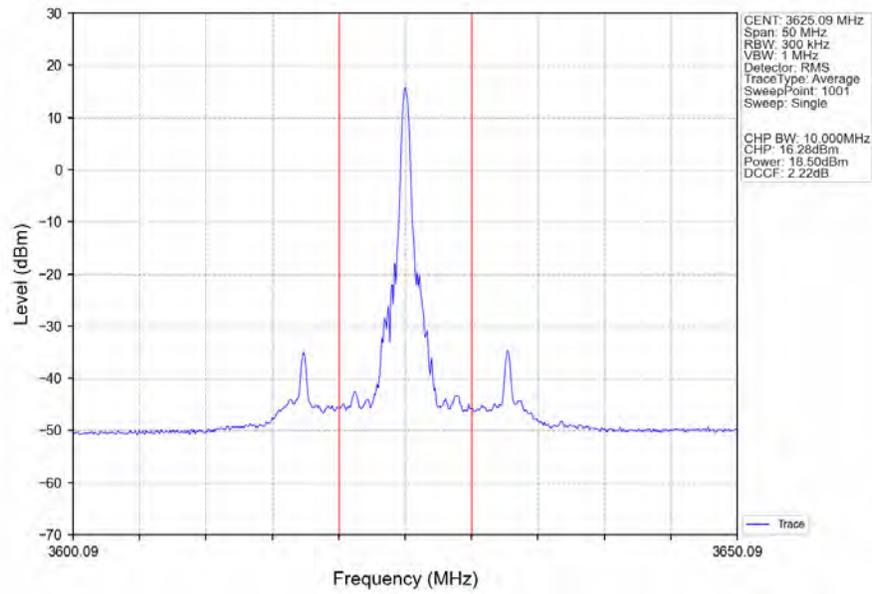
Band48\_20MHz\_64QAM\_LCH\_3560MHz\_RB\_100\_0\_NTNV



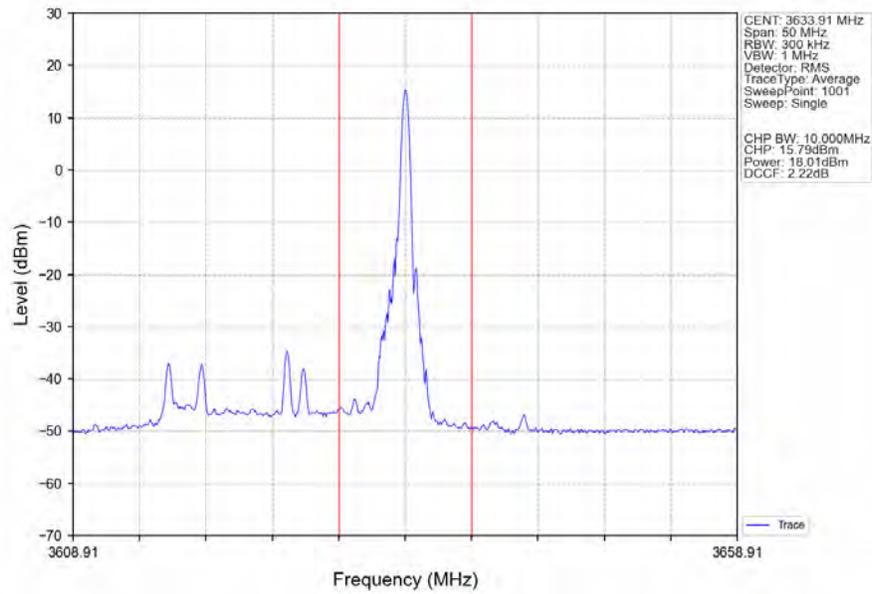
Band48\_20MHz\_64QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV



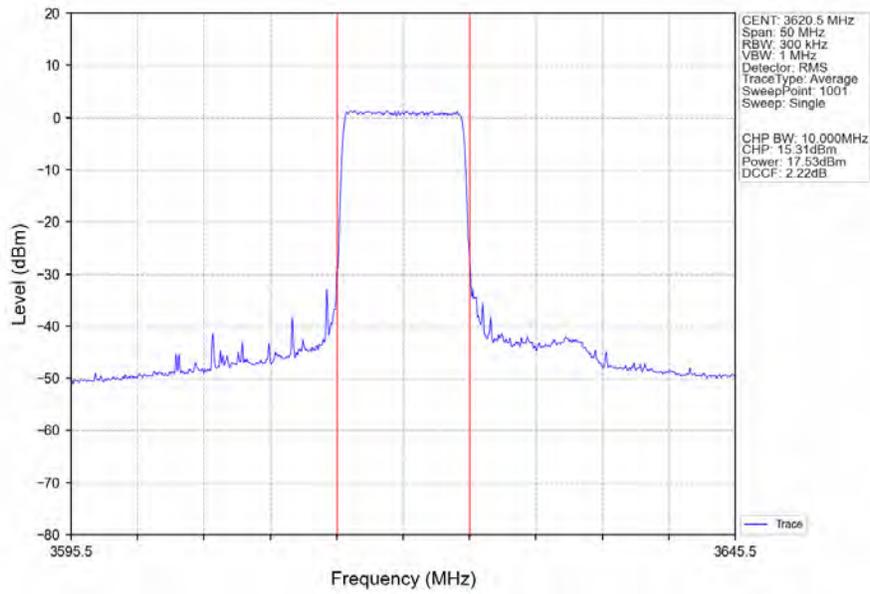
Band48\_20MHz\_64QAM\_MCH\_3625MHz\_RB\_1\_50\_NTNV



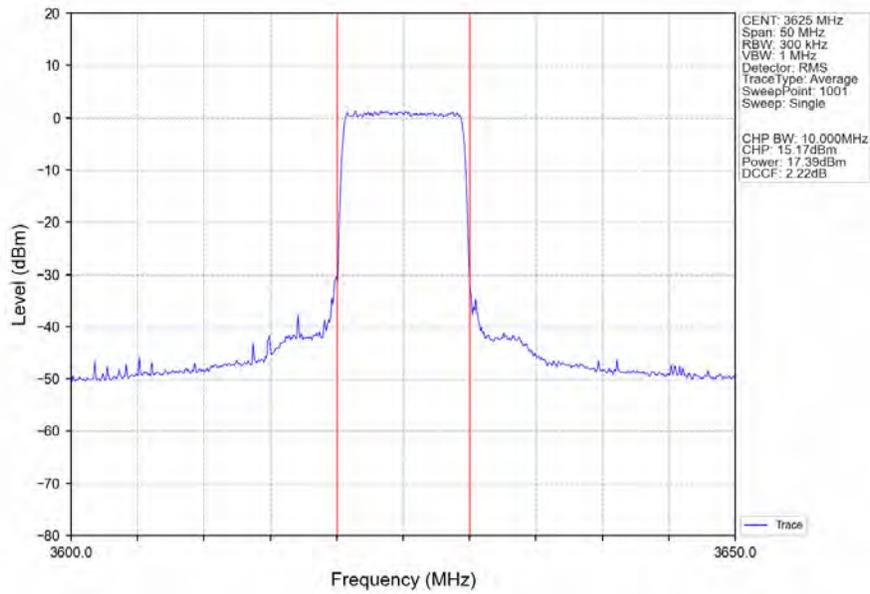
Band48\_20MHz\_64QAM\_MCH\_3625MHz\_RB\_1\_99\_NTNV



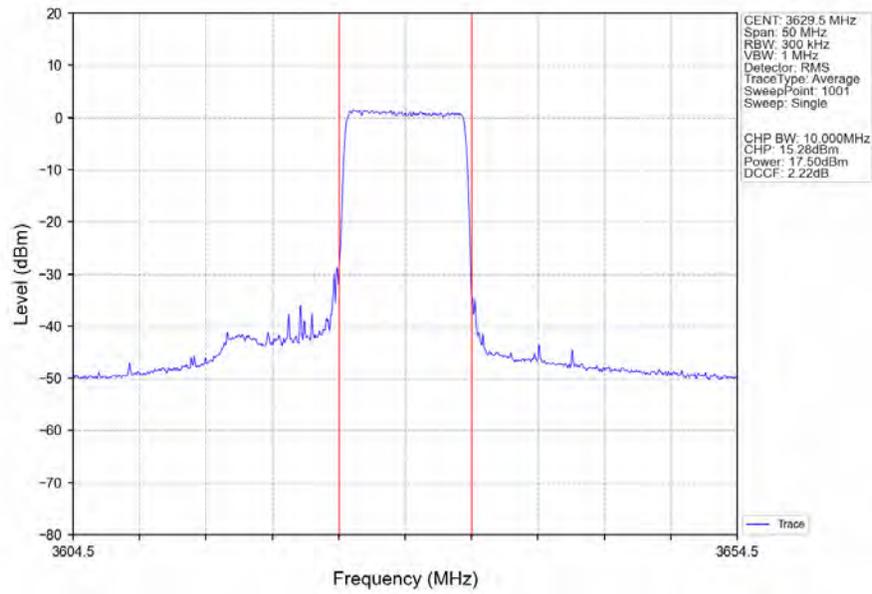
Band48\_20MHz\_64QAM\_MCH\_3625MHz\_RB\_50\_0\_NTNV



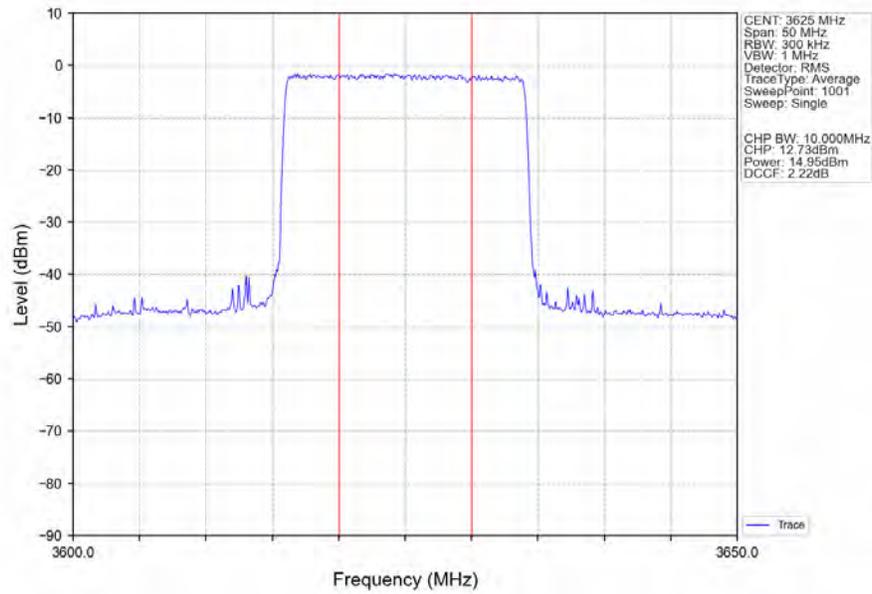
Band48\_20MHz\_64QAM\_MCH\_3625MHz\_RB\_50\_25\_NTNV



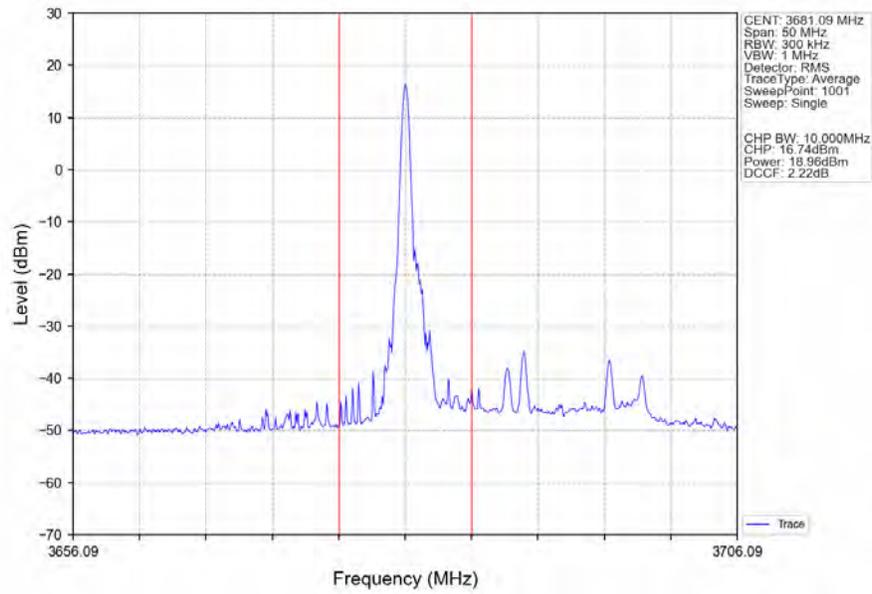
Band48\_20MHz\_64QAM\_MCH\_3625MHz\_RB\_50\_50\_NTNV



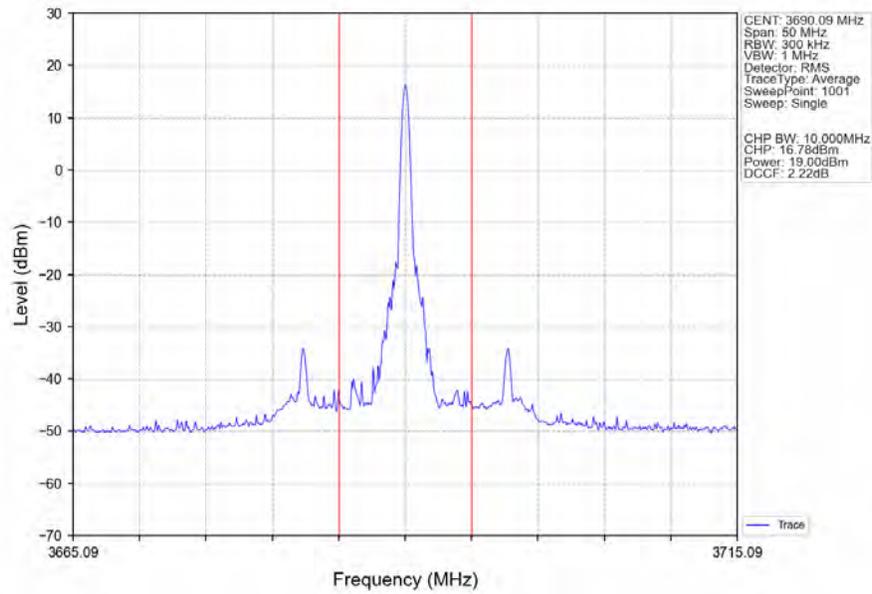
Band48\_20MHz\_64QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



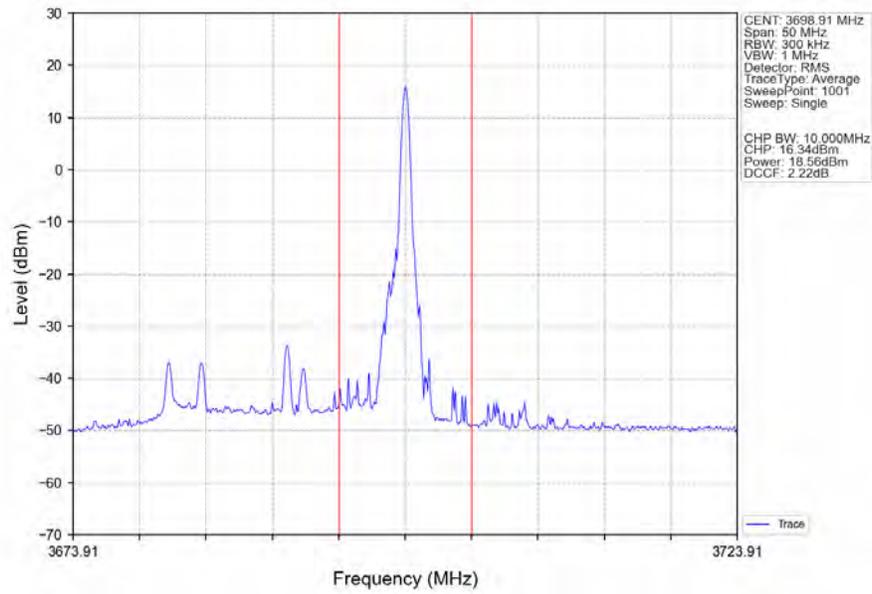
Band48\_20MHz\_64QAM\_HCH\_3690MHz\_RB\_1\_0\_NTNV



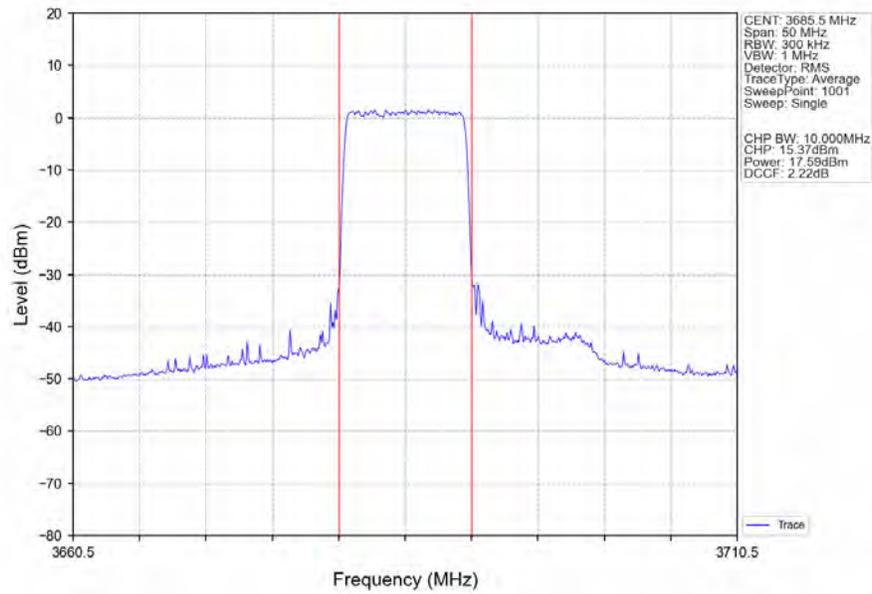
Band48\_20MHz\_64QAM\_HCH\_3690MHz\_RB\_1\_50\_NTNV



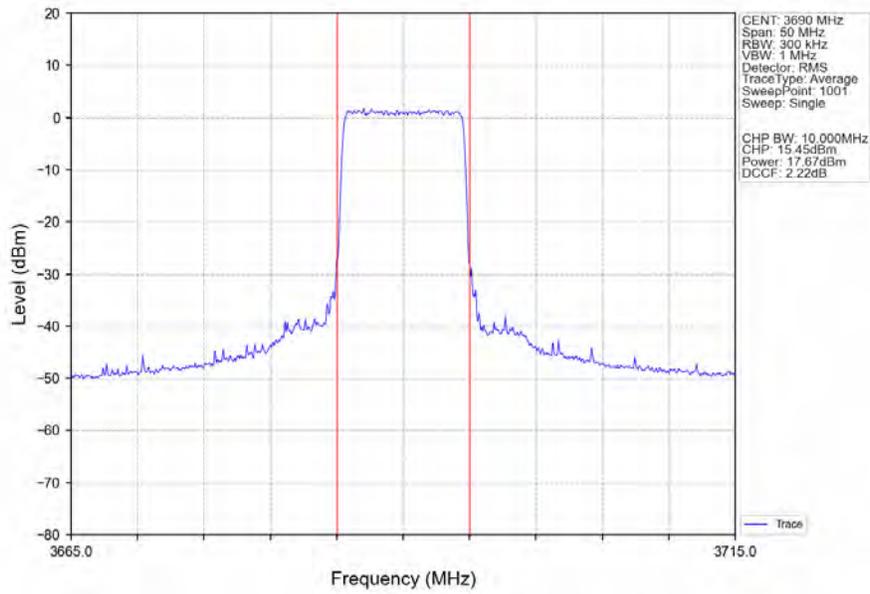
Band48\_20MHz\_64QAM\_HCH\_3690MHz\_RB\_1\_99\_NTNV



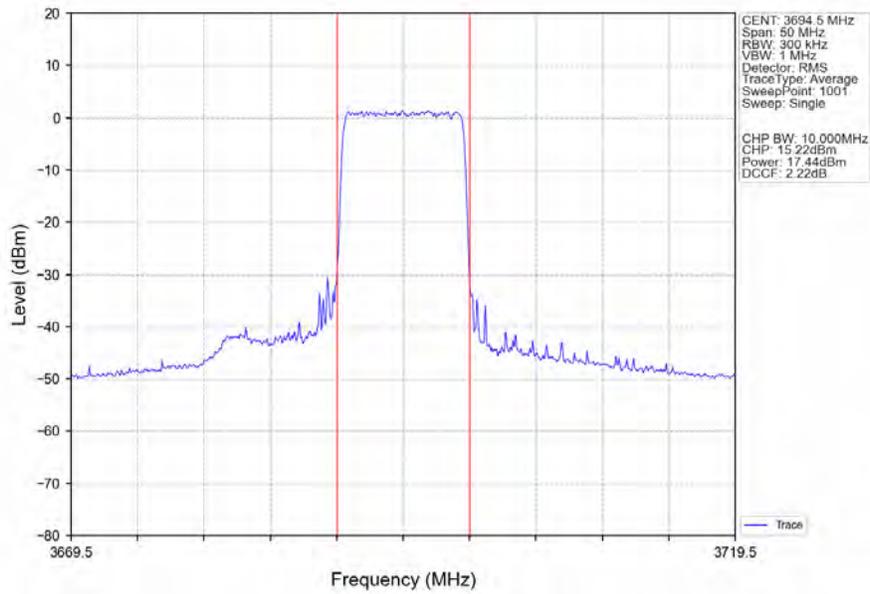
Band48\_20MHz\_64QAM\_HCH\_3690MHz\_RB\_50\_0\_NTNV



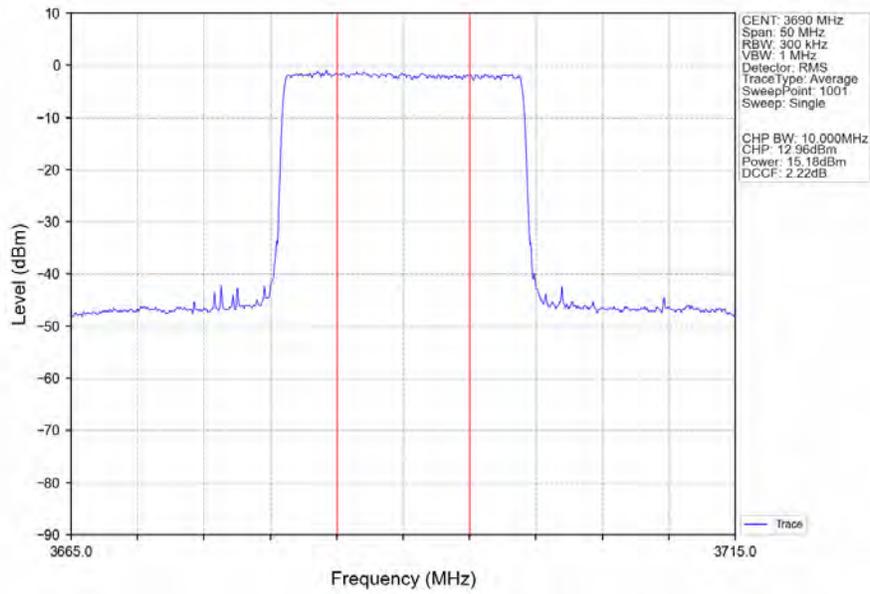
Band48\_20MHz\_64QAM\_HCH\_3690MHz\_RB\_50\_25\_NTNV



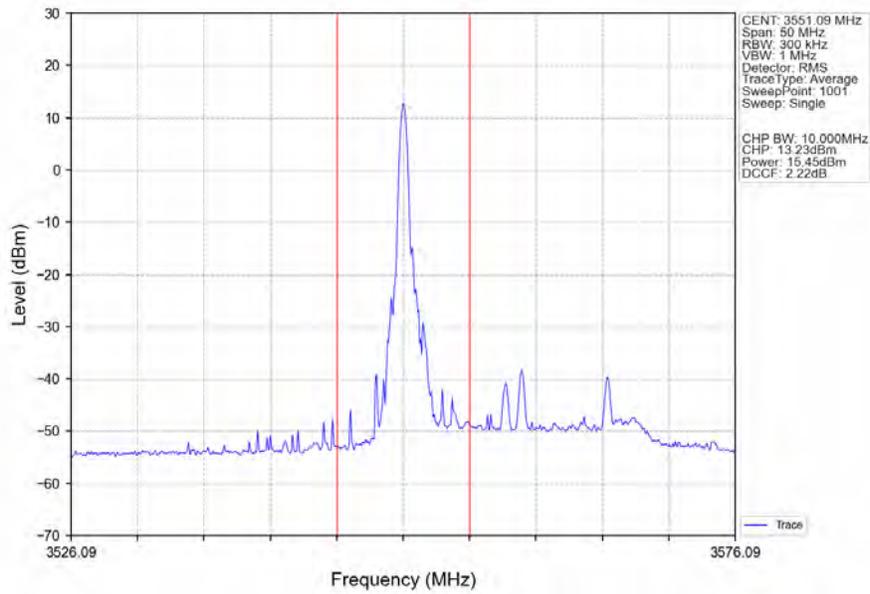
Band48\_20MHz\_64QAM\_HCH\_3690MHz\_RB\_50\_50\_NTNV



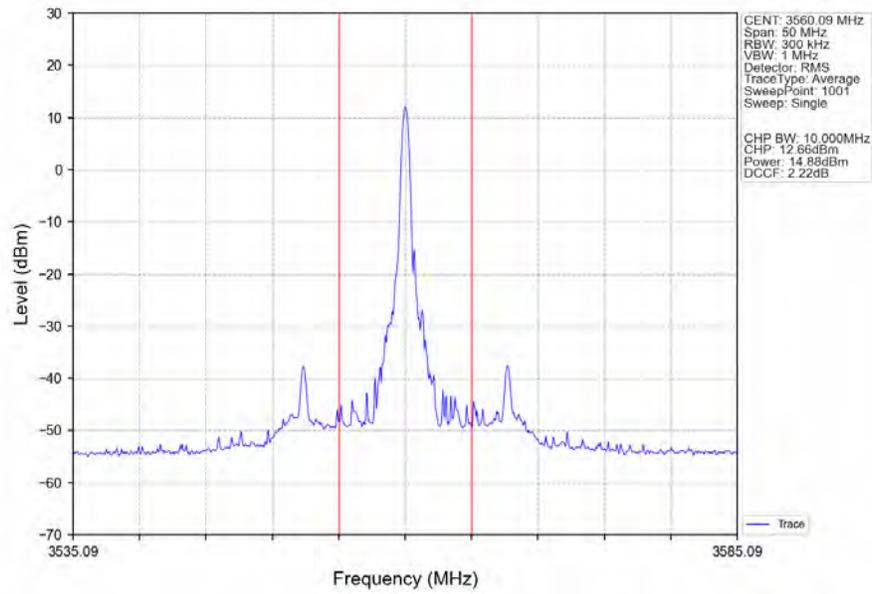
Band48\_20MHz\_64QAM\_HCH\_3690MHz\_RB\_100\_0\_NTNV



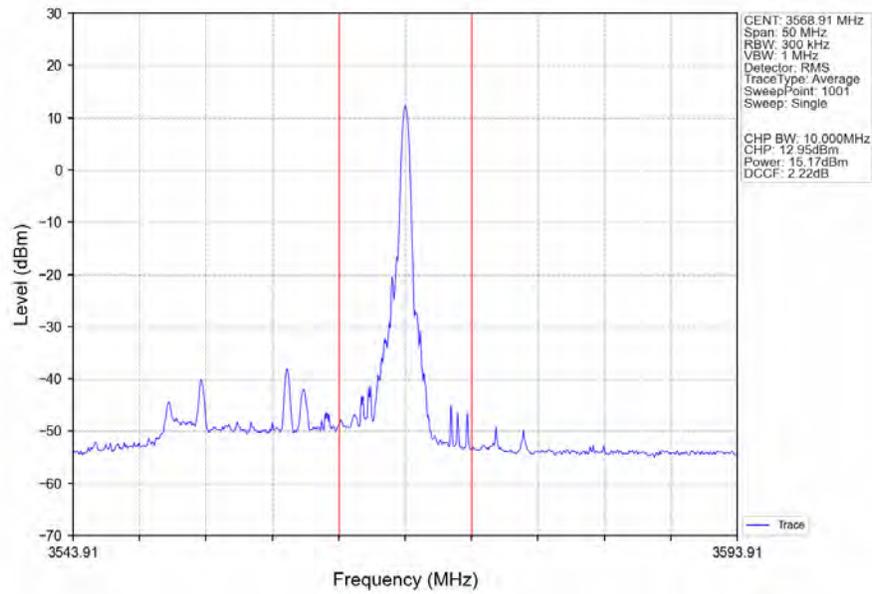
Band48\_20MHz\_256QAM\_LCH\_3560MHz\_RB\_1\_0\_NTNV



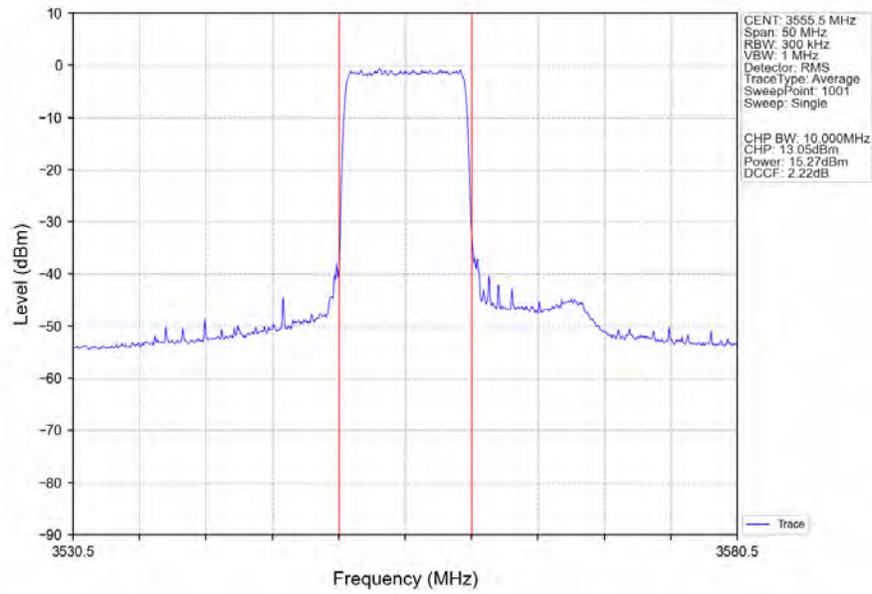
Band48\_20MHz\_256QAM\_LCH\_3560MHz\_RB\_1\_50\_NTNV



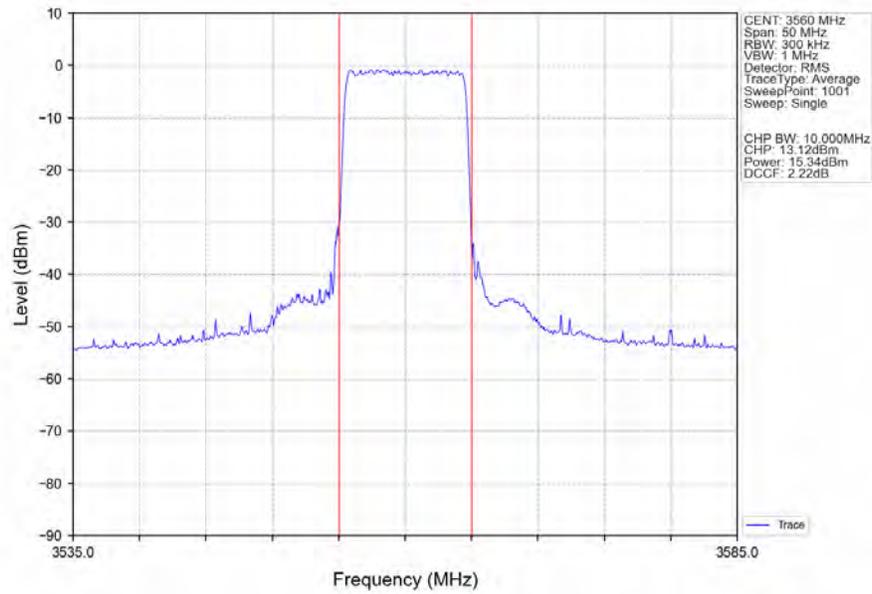
Band48\_20MHz\_256QAM\_LCH\_3560MHz\_RB\_1\_99\_NTNV



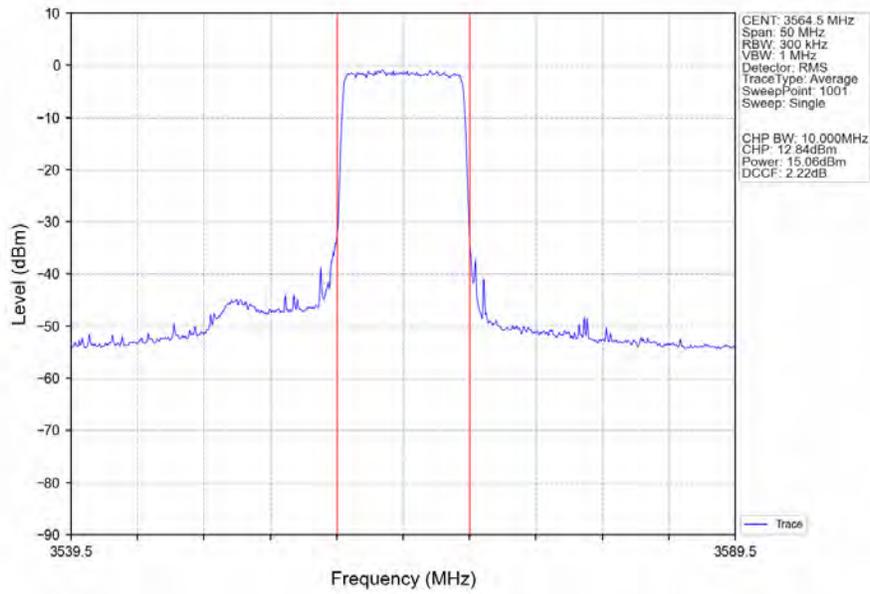
Band48\_20MHz\_256QAM\_LCH\_3560MHz\_RB\_50\_0\_NTNV



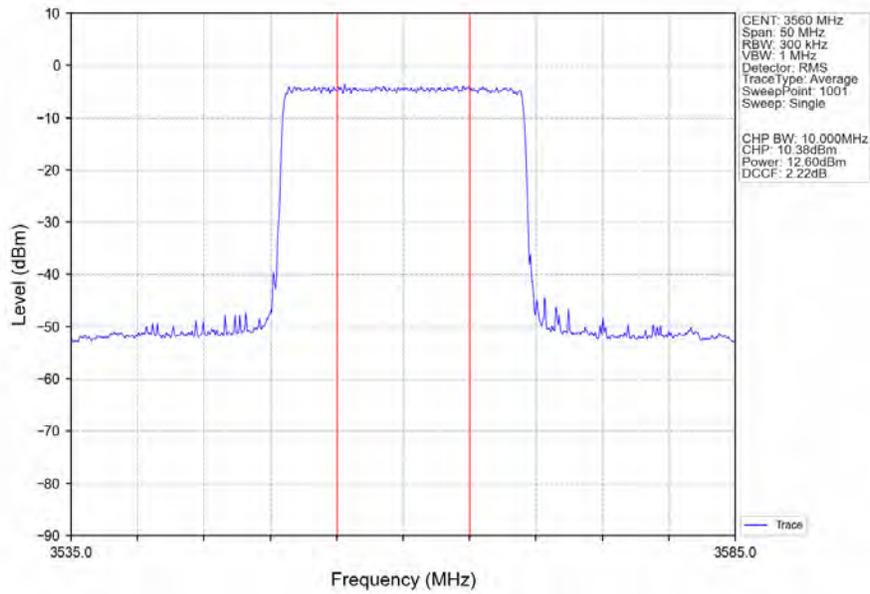
Band48\_20MHz\_256QAM\_LCH\_3560MHz\_RB\_50\_25\_NTNV



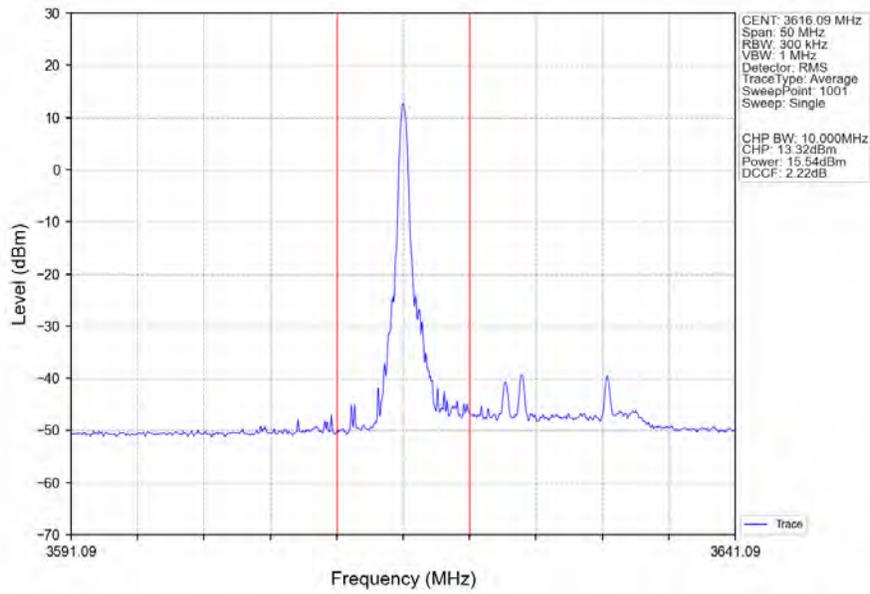
Band48\_20MHz\_256QAM\_LCH\_3560MHz\_RB\_50\_50\_NTNV



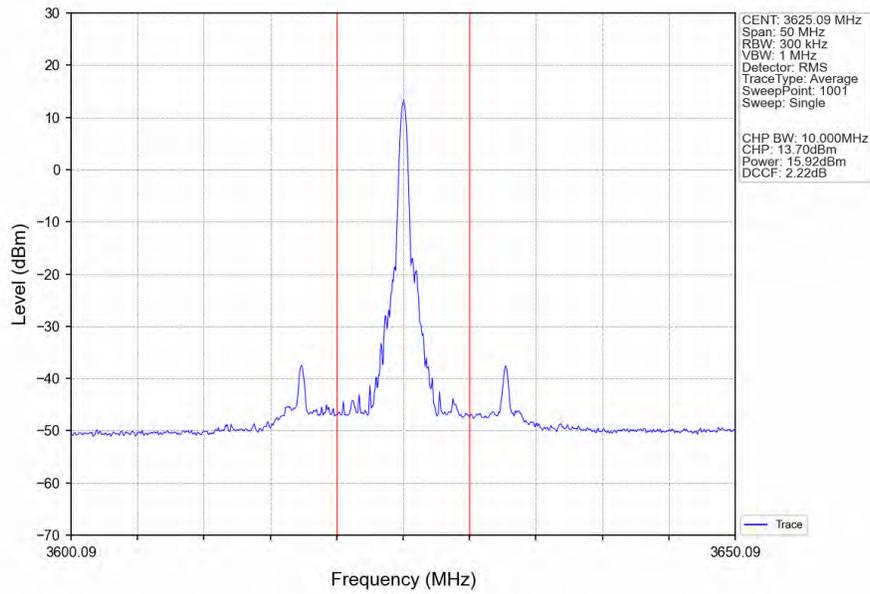
Band48\_20MHz\_256QAM\_LCH\_3560MHz\_RB\_100\_0\_NTNV



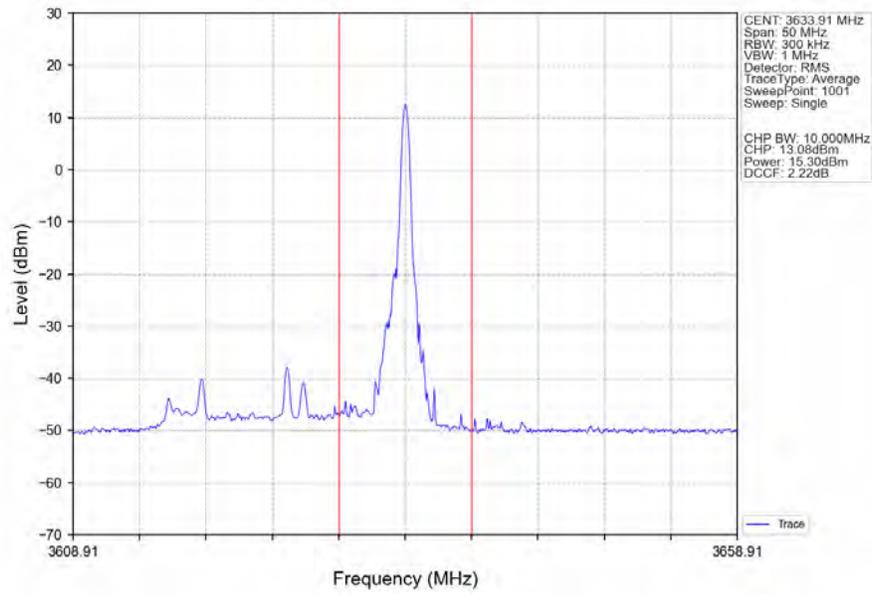
Band48\_20MHz\_256QAM\_MCH\_3625MHz\_RB\_1\_0\_NTNV



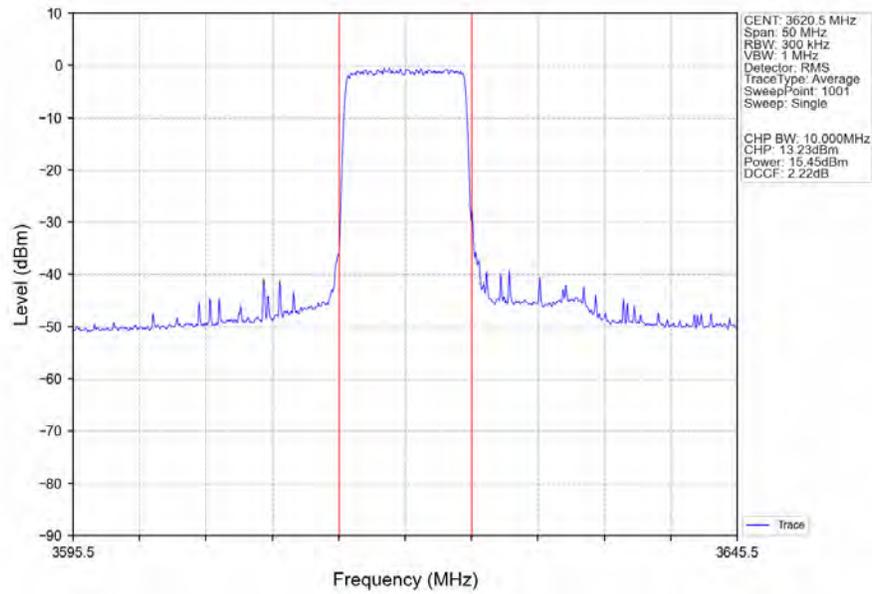
Band48\_20MHz\_256QAM\_MCH\_3625MHz\_RB\_1\_50\_NTNV



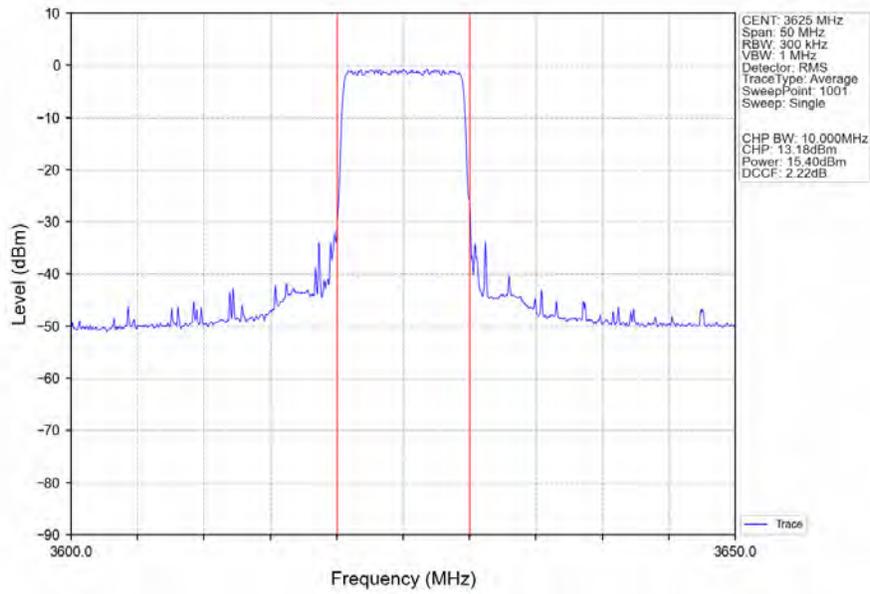
Band48\_20MHz\_256QAM\_MCH\_3625MHz\_RB\_1\_99\_NTNV



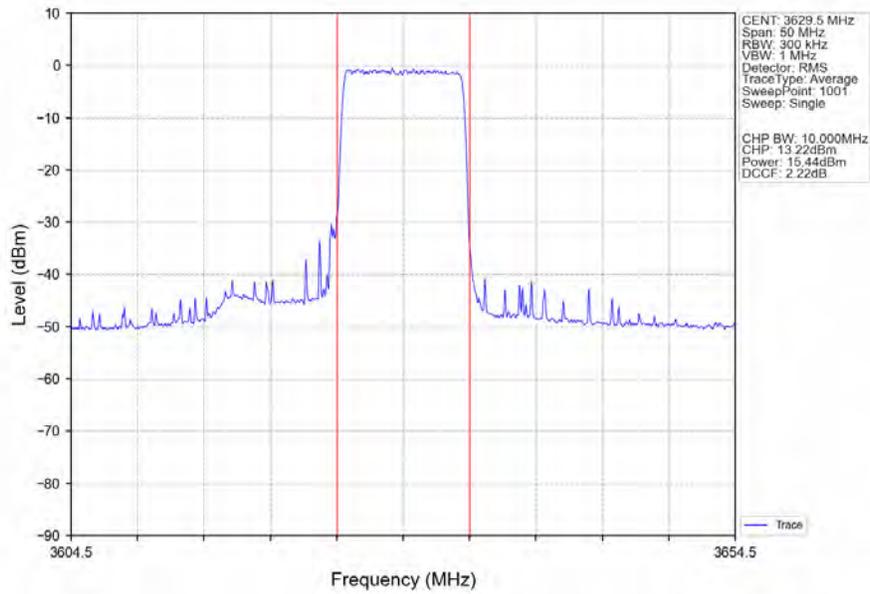
Band48\_20MHz\_256QAM\_MCH\_3625MHz\_RB\_50\_0\_NTNV



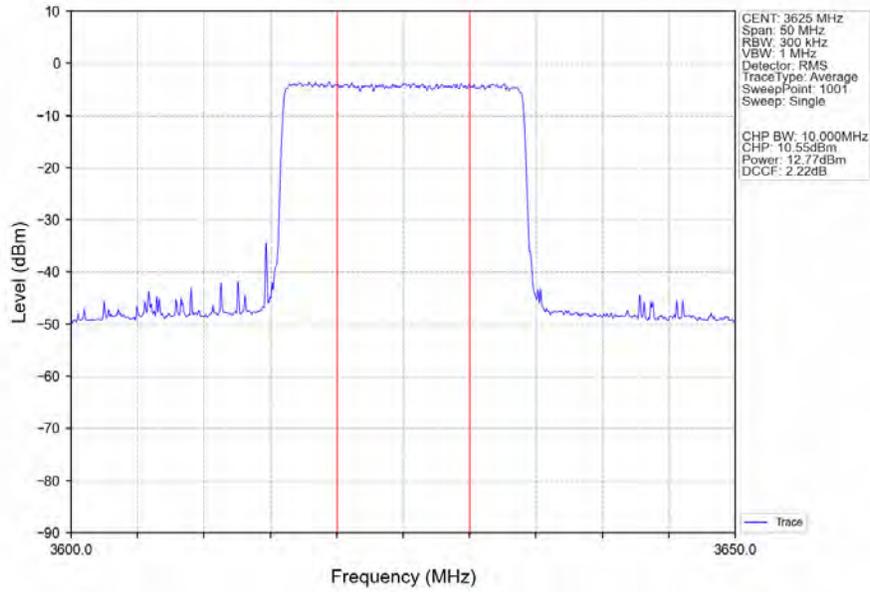
Band48\_20MHz\_256QAM\_MCH\_3625MHz\_RB\_50\_25\_NTNV



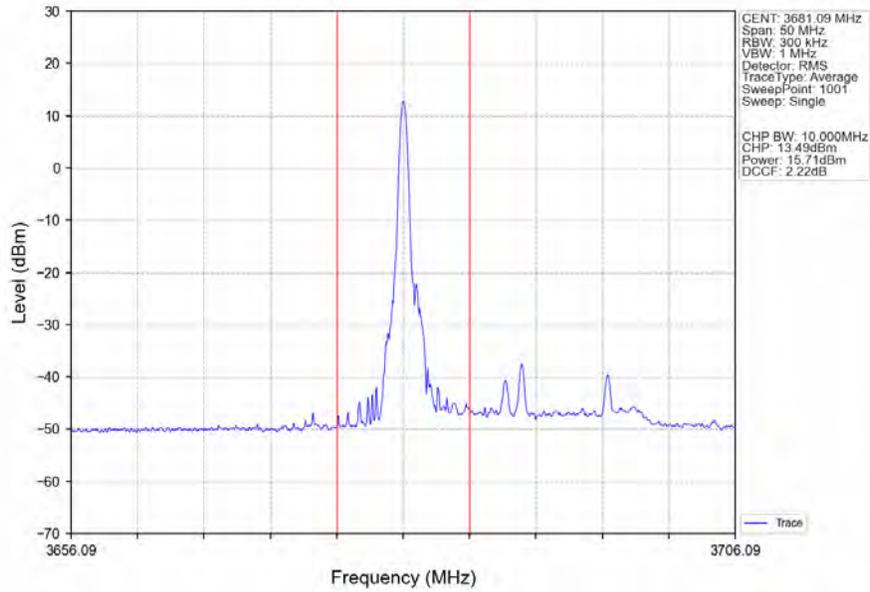
Band48\_20MHz\_256QAM\_MCH\_3625MHz\_RB\_50\_50\_NTNV



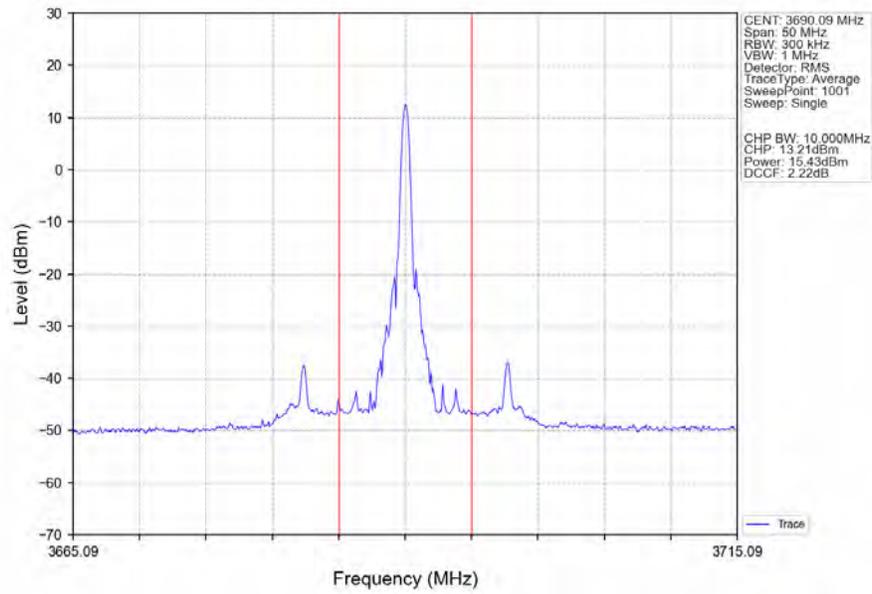
Band48\_20MHz\_256QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



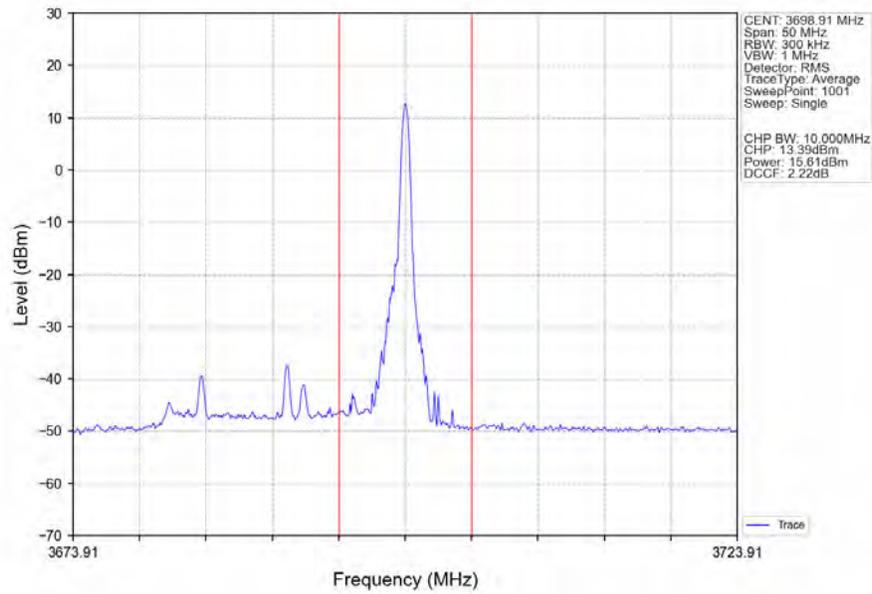
Band48\_20MHz\_256QAM\_HCH\_3690MHz\_RB\_1\_0\_NTNV



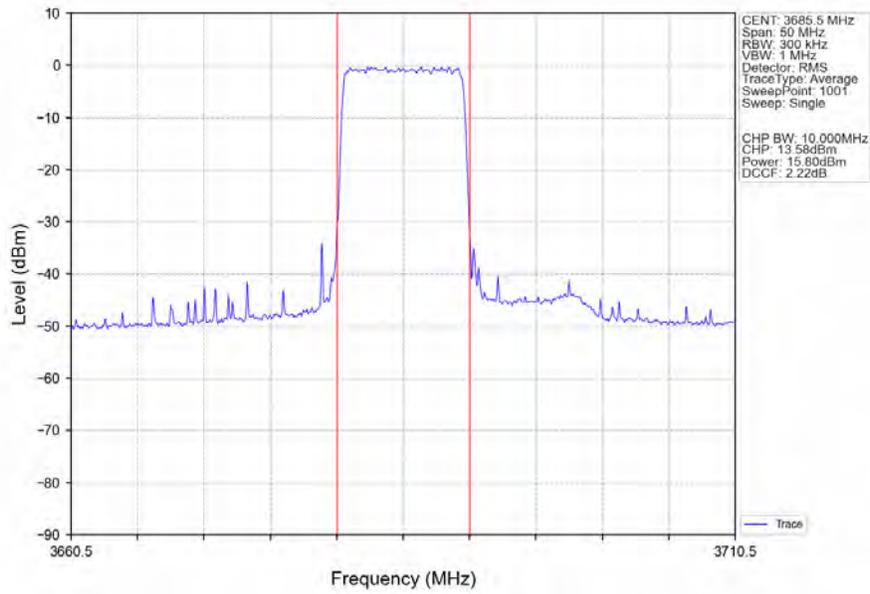
Band48\_20MHz\_256QAM\_HCH\_3690MHz\_RB\_1\_50\_NTNV



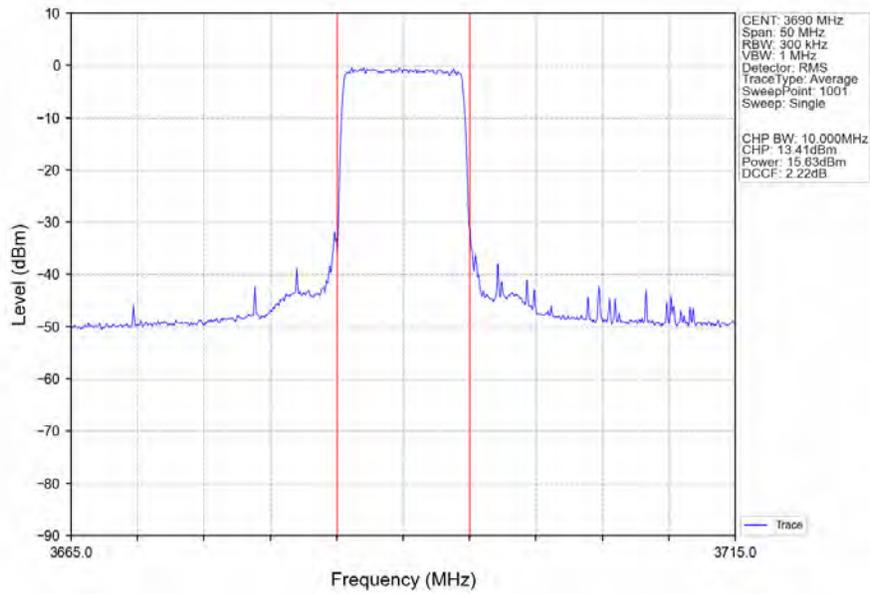
Band48\_20MHz\_256QAM\_HCH\_3690MHz\_RB\_1\_99\_NTNV



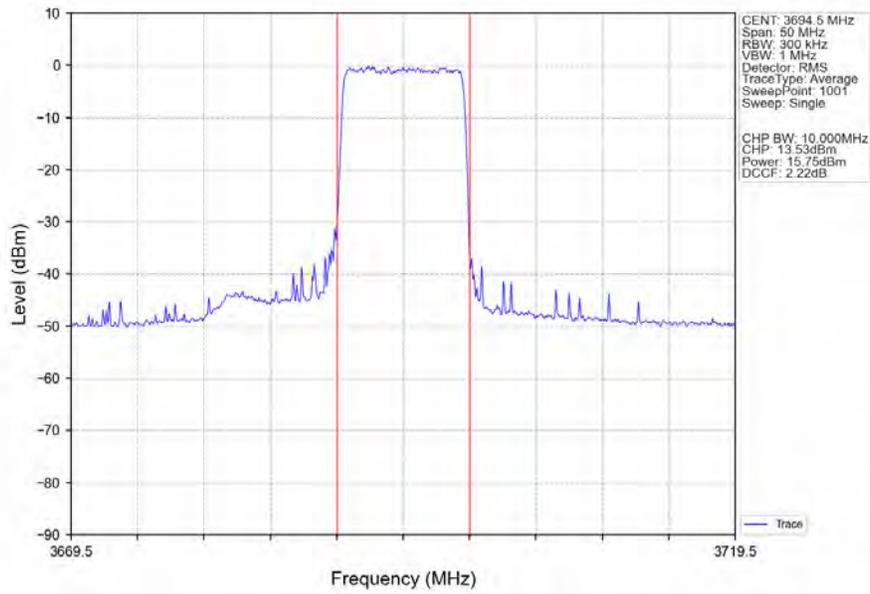
Band48\_20MHz\_256QAM\_HCH\_3690MHz\_RB\_50\_0\_NTNV



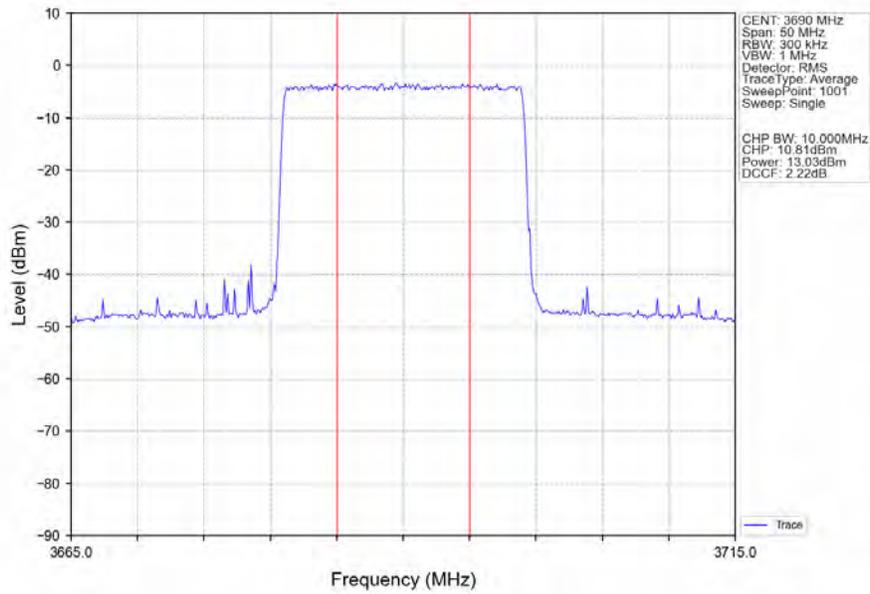
Band48\_20MHz\_256QAM\_HCH\_3690MHz\_RB\_50\_25\_NTNV



Band48\_20MHz\_256QAM\_HCH\_3690MHz\_RB\_50\_50\_NTNV



Band48\_20MHz\_256QAM\_HCH\_3690MHz\_RB\_100\_0\_NTNV



## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B48\_10MHz

Band: 48 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3625	50	0	20	LV	-0.658	-0.0002	-2.5 to 2.5	Pass
					NV	-3.362	-0.0009	-2.5 to 2.5	Pass
					HV	-6.623	-0.0018	-2.5 to 2.5	Pass
				-30	NV	-8.494	-0.0023	-2.5 to 2.5	Pass
					-20	NV	-12.574	-0.0035	-2.5 to 2.5
				-10	NV	-4.663	-0.0013	-2.5 to 2.5	Pass
				0	NV	-3.791	-0.0010	-2.5 to 2.5	Pass
				10	NV	-1.960	-0.0005	-2.5 to 2.5	Pass
				30	NV	-1.616	-0.0004	-2.5 to 2.5	Pass
				40	NV	-5.150	-0.0014	-2.5 to 2.5	Pass
50	NV	-1.702	-0.0005	-2.5 to 2.5	Pass				

## 3. 99% & 26dB Bandwidth

### 3.1 Test Result

#### 3.1.1 Band48\_OBW

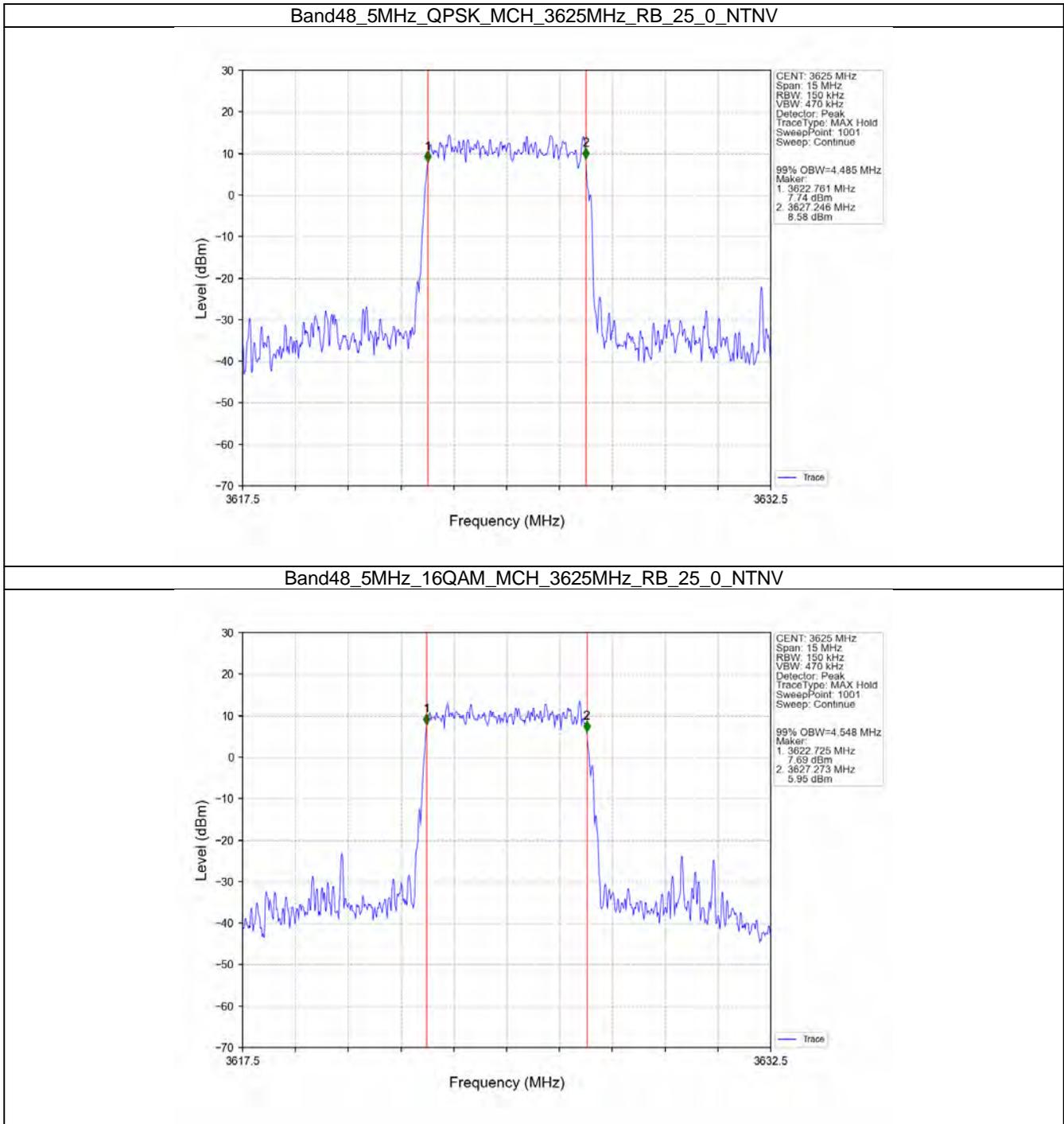
Band: 48 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3625	25	0	4.485	/	Pass
	16QAM	3625	25	0	4.548	/	Pass
10	QPSK	3625	50	0	9.076	/	Pass
	16QAM	3625	50	0	9.071	/	Pass
15	QPSK	3625	75	0	13.580	/	Pass
	16QAM	3625	75	0	13.593	/	Pass
20	QPSK	3625	100	0	18.006	/	Pass
	16QAM	3625	100	0	17.986	/	Pass

#### 3.1.2 Band48\_XDB

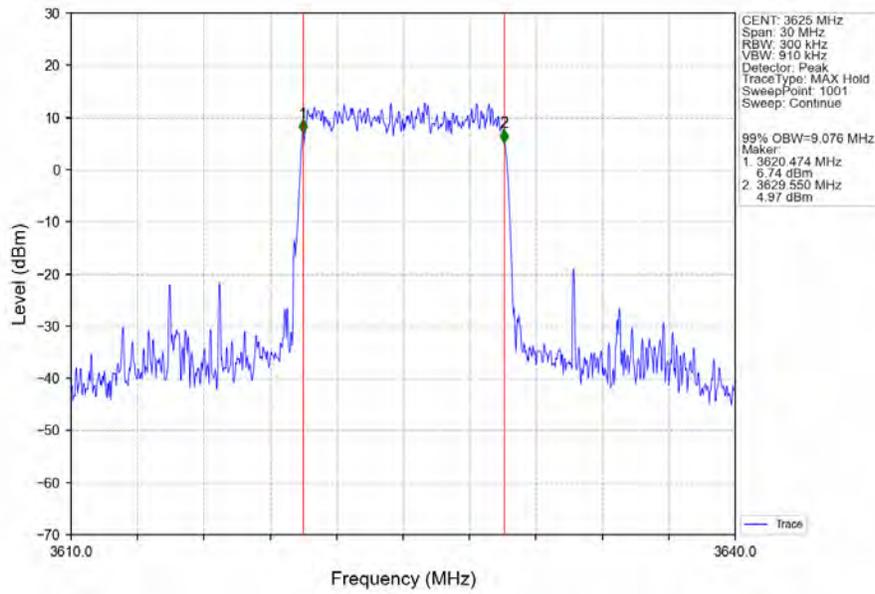
Band: 48 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3625	25	0	4.851	/	Pass
	16QAM	3625	25	0	4.964	/	Pass
10	QPSK	3625	50	0	9.668	/	Pass
	16QAM	3625	50	0	9.717	/	Pass
15	QPSK	3625	75	0	14.591	/	Pass
	16QAM	3625	75	0	14.445	/	Pass
20	QPSK	3625	100	0	19.312	/	Pass
	16QAM	3625	100	0	19.394	/	Pass

### 3.2 Test Graph

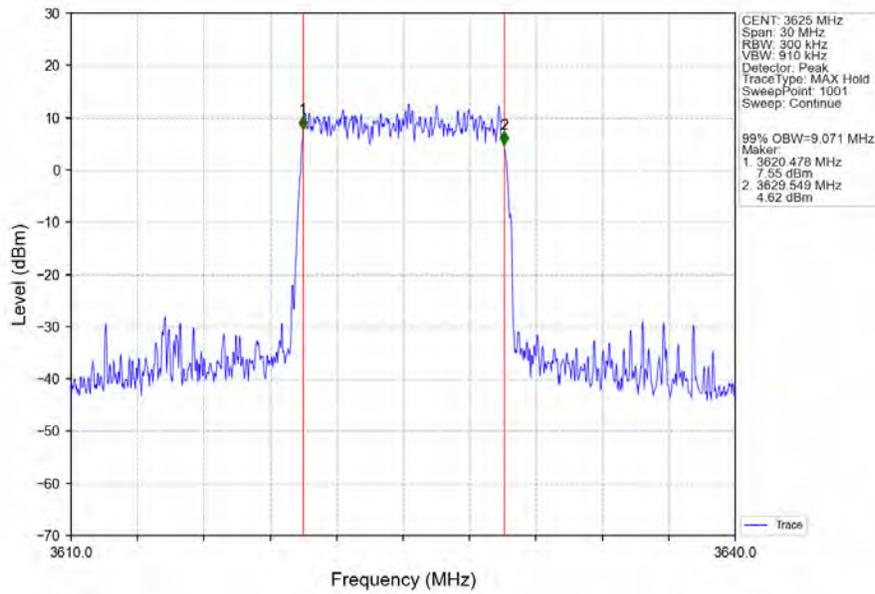
#### 3.2.1 Band48\_OBW



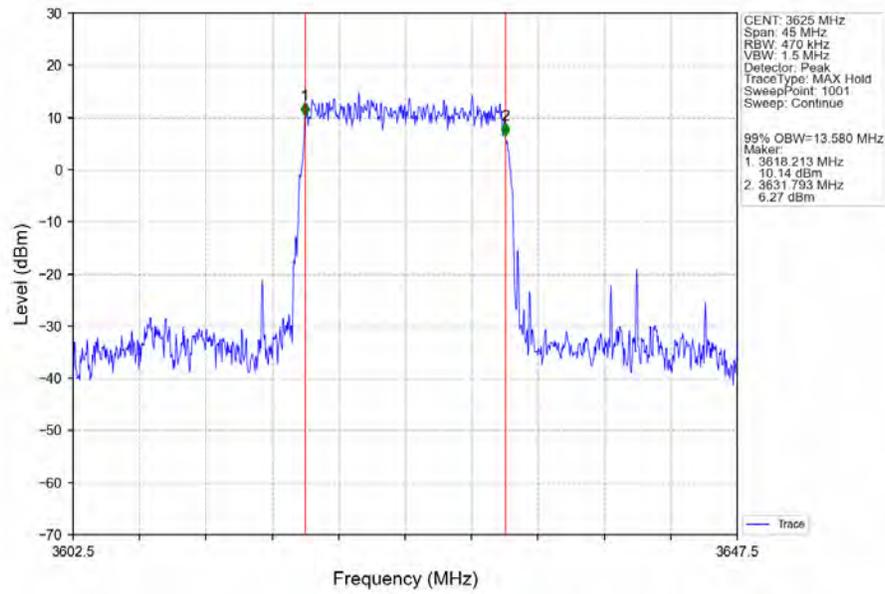
Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_50\_0\_NTNV



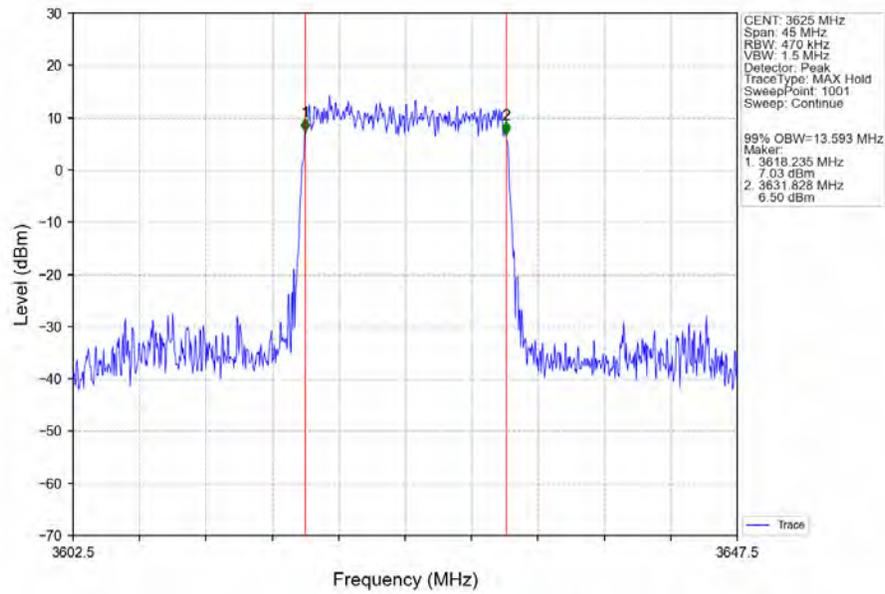
Band48\_10MHz\_16QAM\_MCH\_3625MHz\_RB\_50\_0\_NTNV



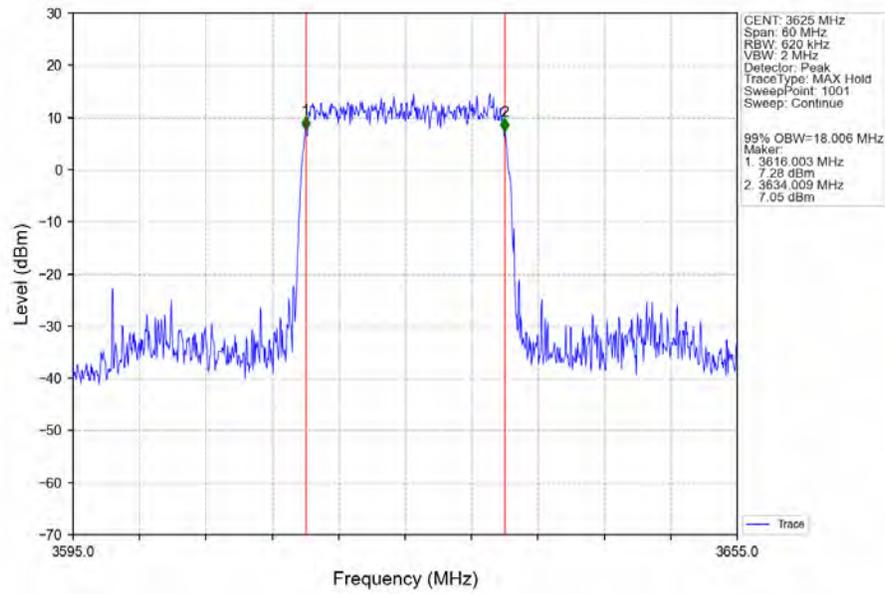
Band48\_15MHz\_QPSK\_MCH\_3625MHz\_RB\_75\_0\_NTNV



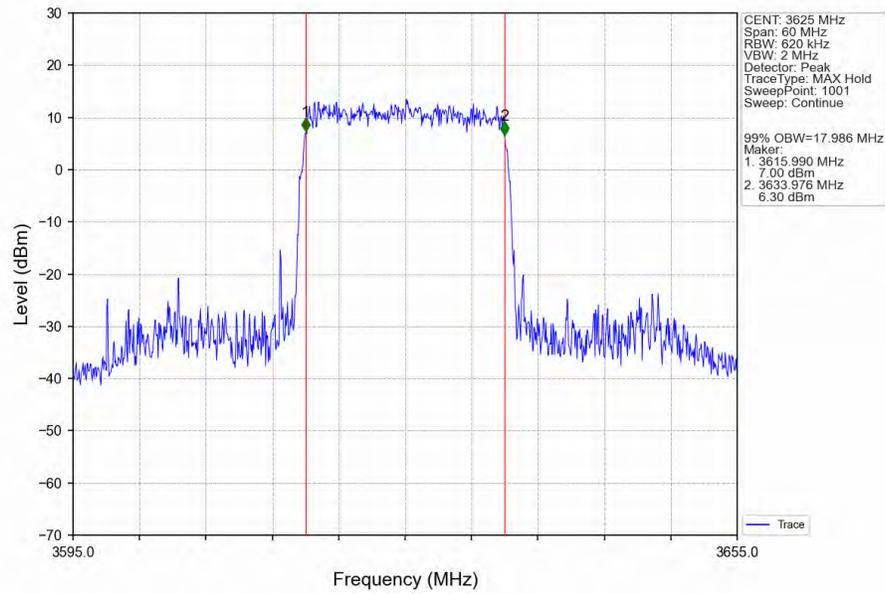
Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_75\_0\_NTNV



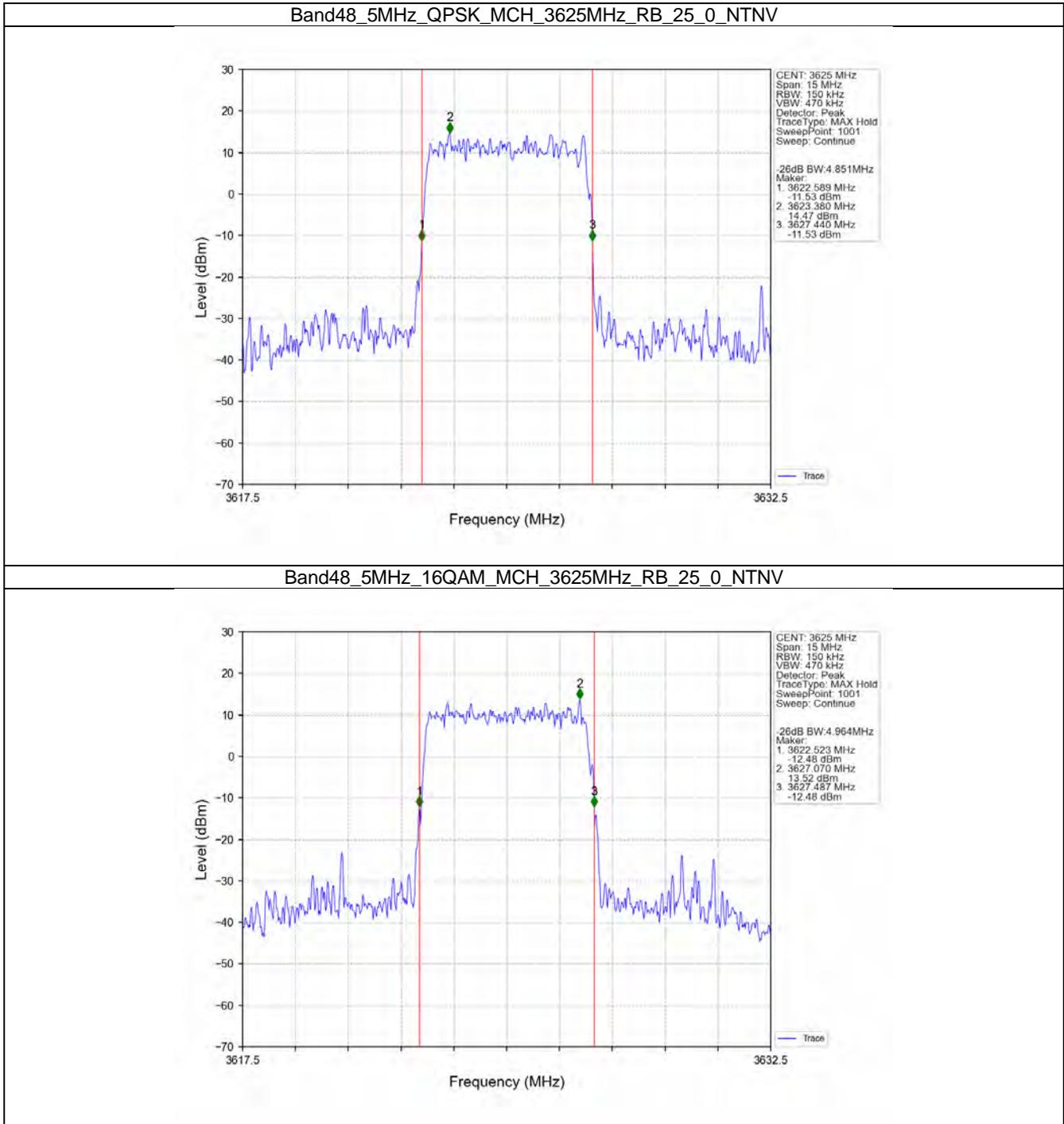
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_100\_0\_NTNV



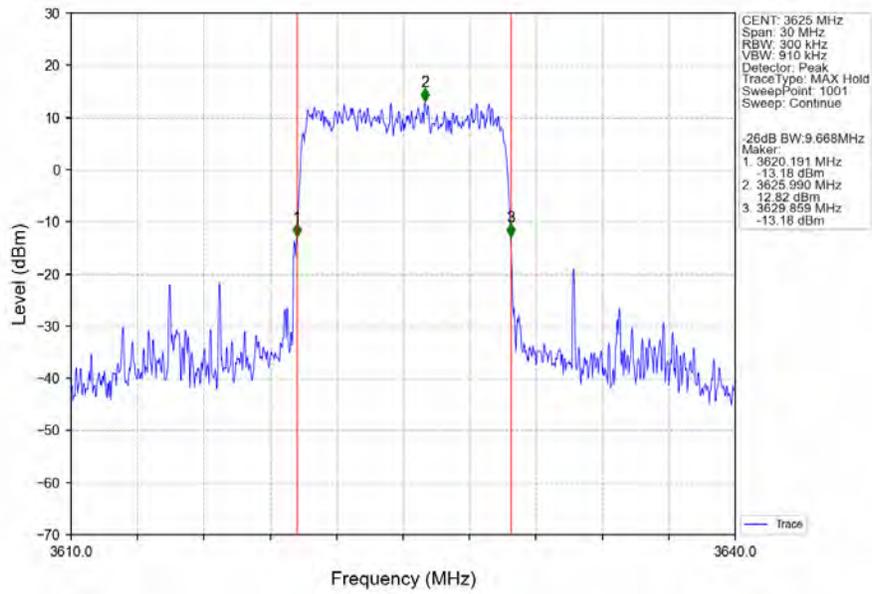
Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



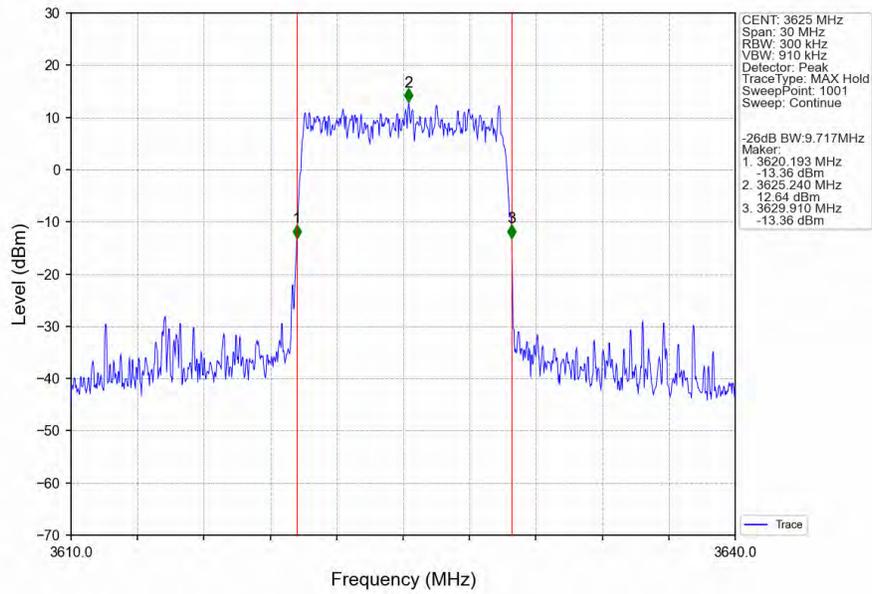
### 3.2.2 Band48\_XDB



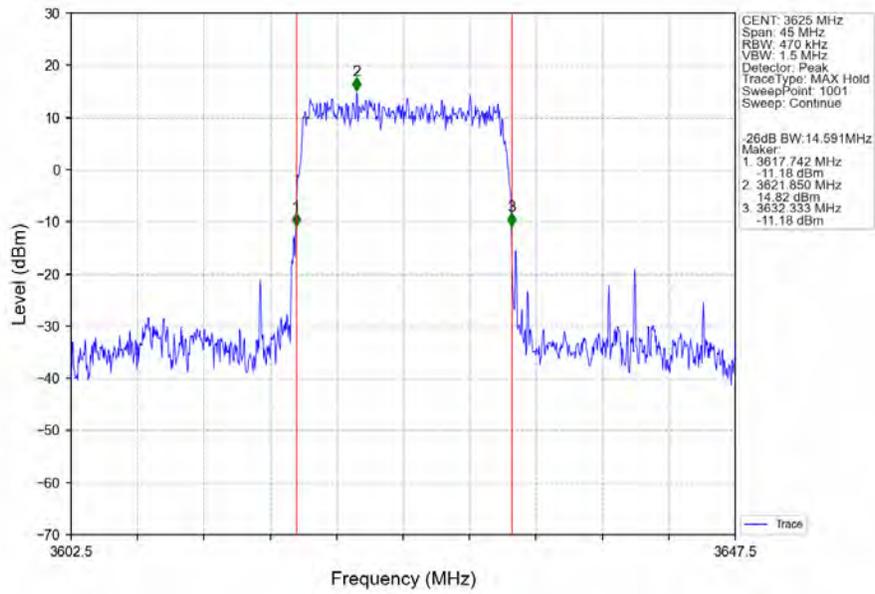
Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_50\_0\_NTNV



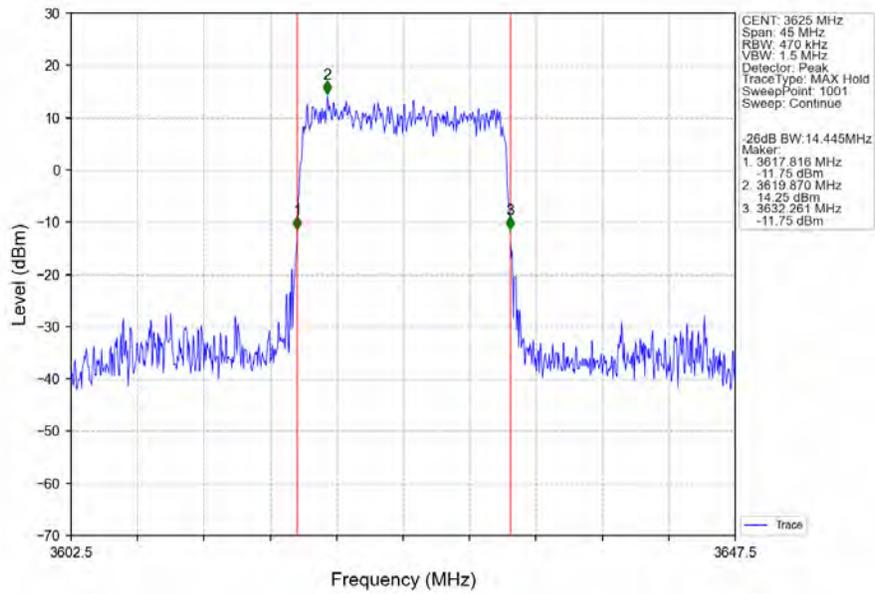
Band48\_10MHz\_16QAM\_MCH\_3625MHz\_RB\_50\_0\_NTNV



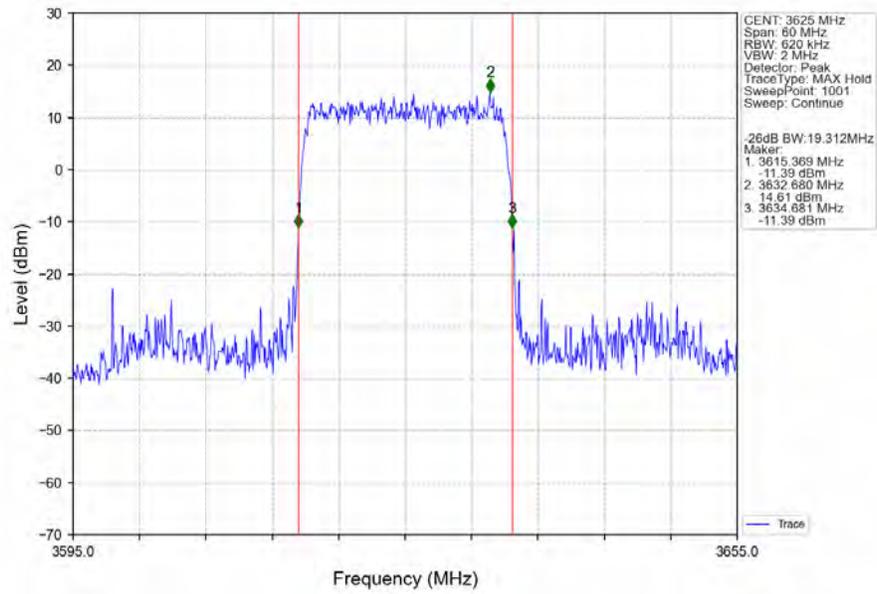
Band48\_15MHz\_QPSK\_MCH\_3625MHz\_RB\_75\_0\_NTNV



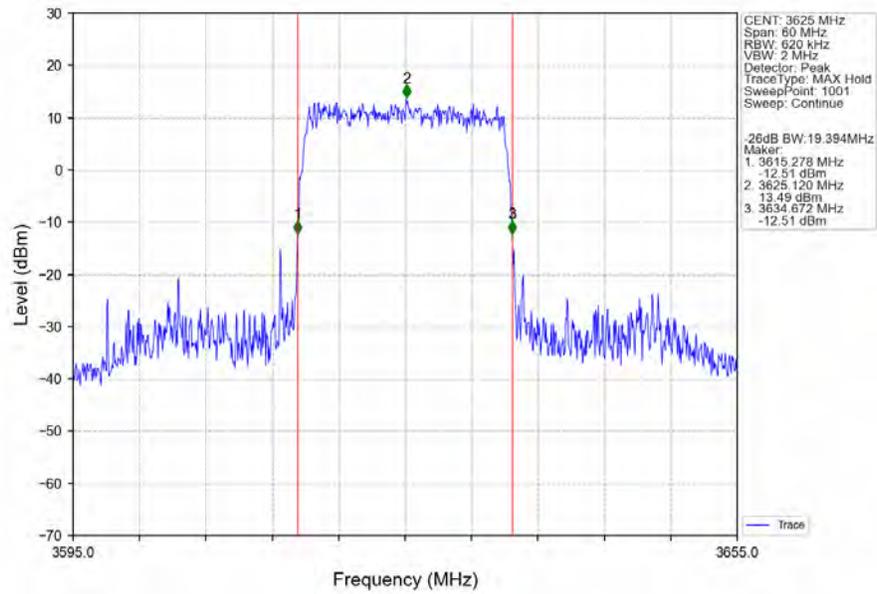
Band48\_15MHz\_16QAM\_MCH\_3625MHz\_RB\_75\_0\_NTNV



Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_100\_0\_NTNV



Band48\_20MHz\_16QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



## 4. Peak-Average Ratio

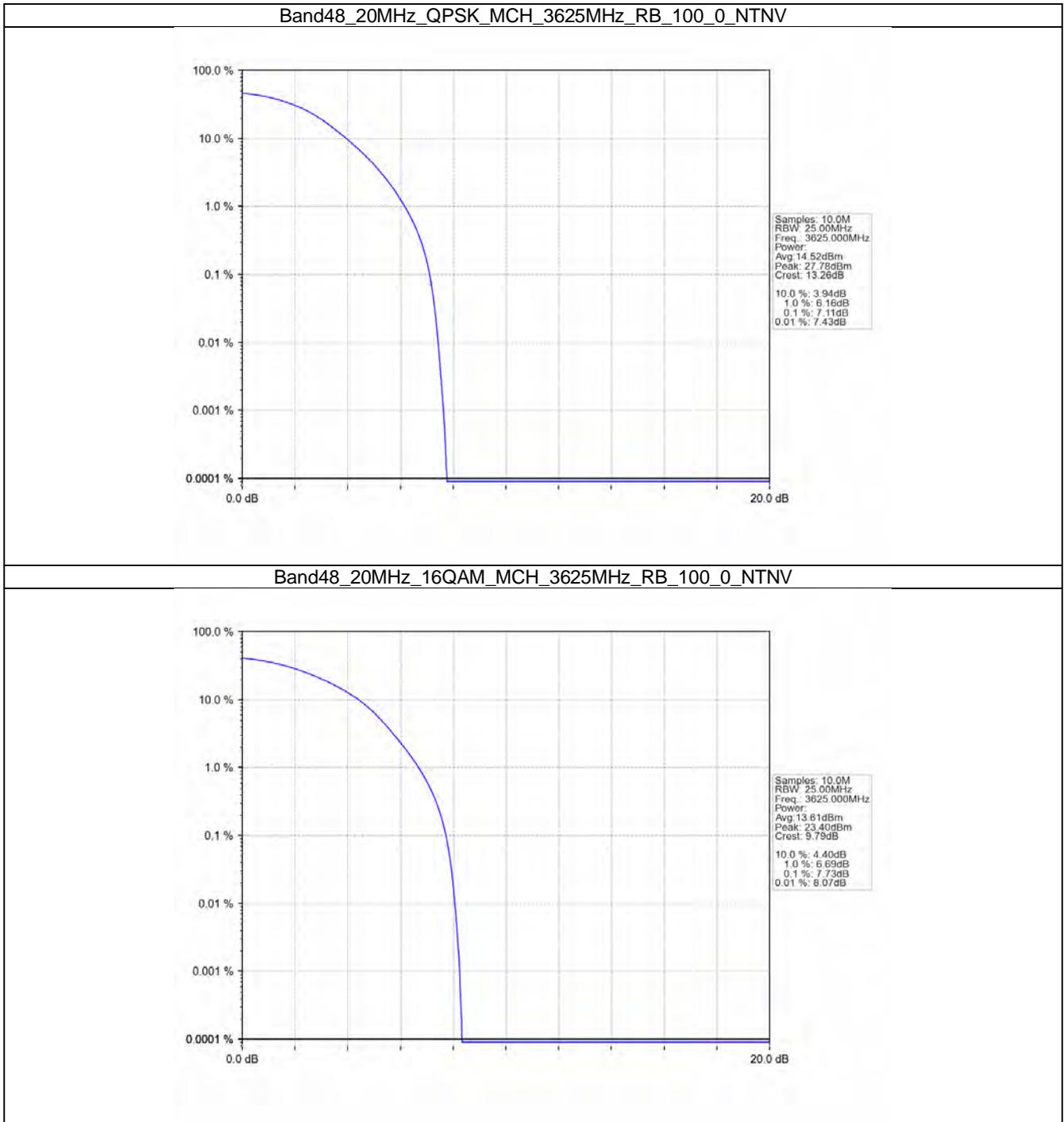
### 4.1 Test Result

#### 4.1.1 B48\_20MHz

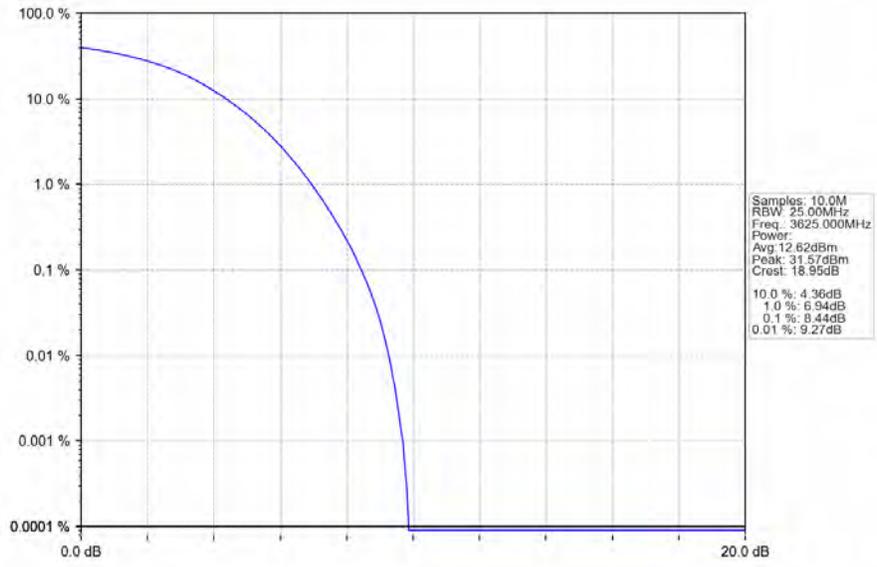
Band: 48 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3625	100	0	7.11	<=13	Pass
16QAM	3625	100	0	7.73	<=13	Pass
64QAM	3625	100	0	8.44	<=13	Pass
256QAM	3625	100	0	8.90	<=13	Pass

## 4.2 Test Graph

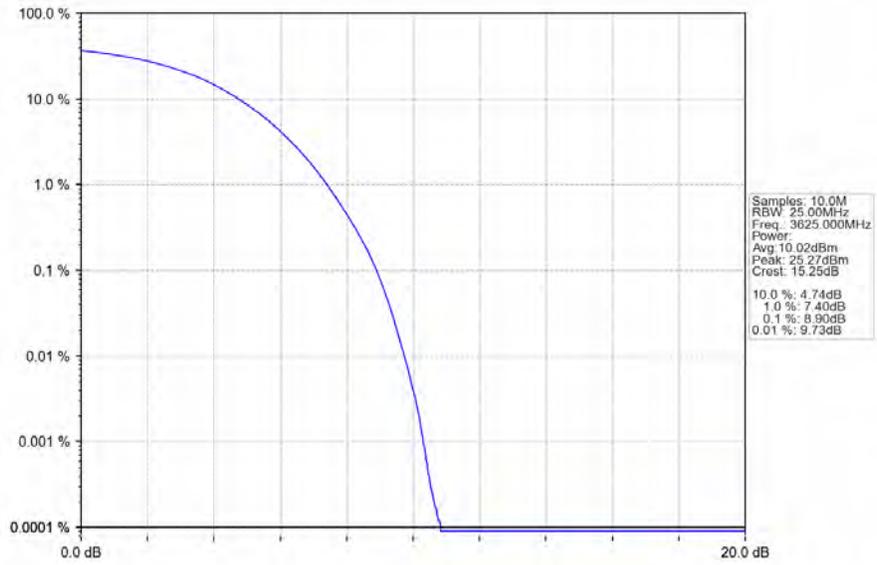
### 4.2.1 B48\_20MHz



Band48\_20MHz\_64QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



Band48\_20MHz\_256QAM\_MCH\_3625MHz\_RB\_100\_0\_NTNV



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 B48\_5MHz

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

#### 5.1.2 B48\_10MHz

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

#### 5.1.3 B48\_15MHz

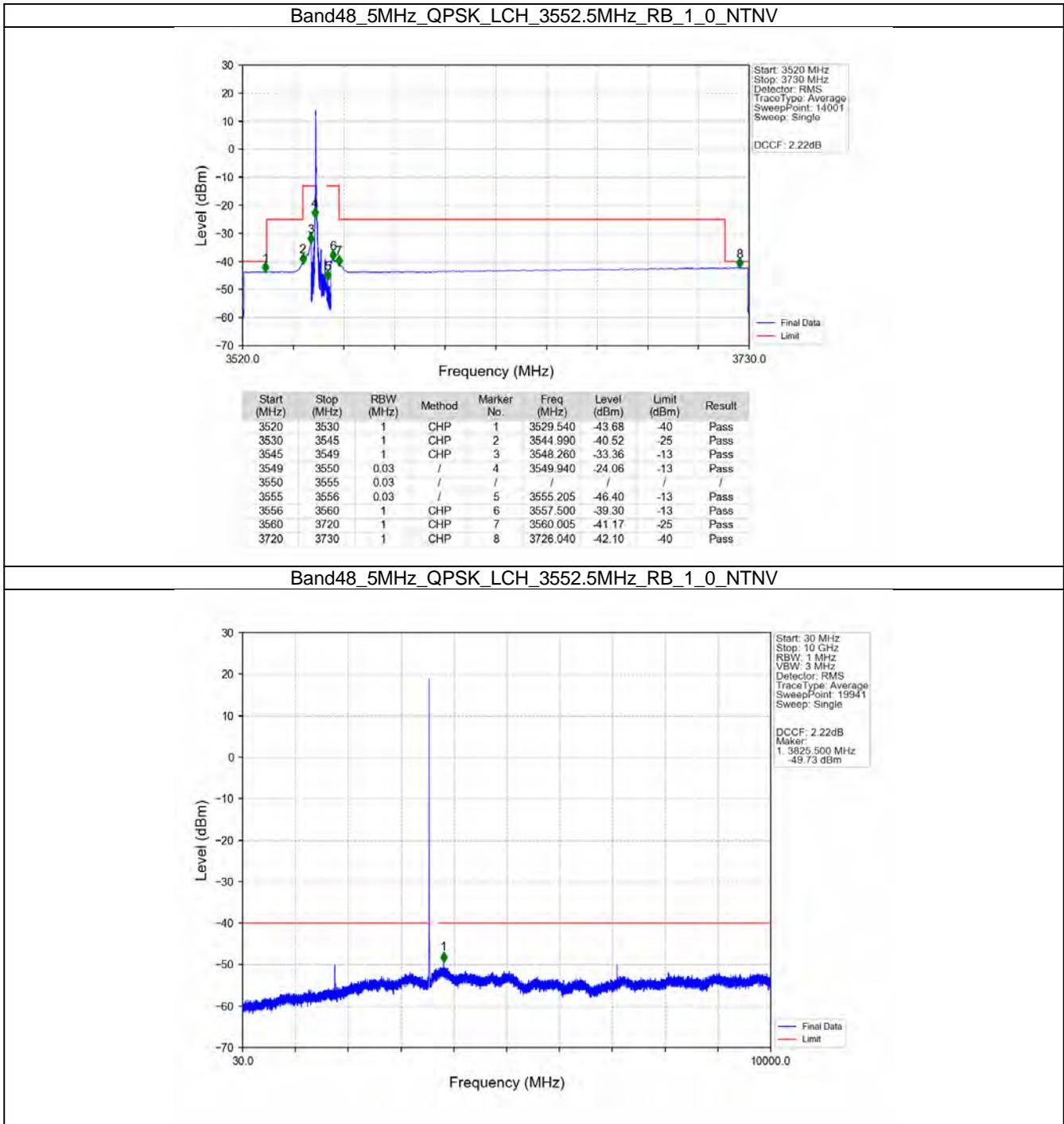
Band: 48 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3557.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
	3692.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

#### 5.1.4 B48\_20MHz

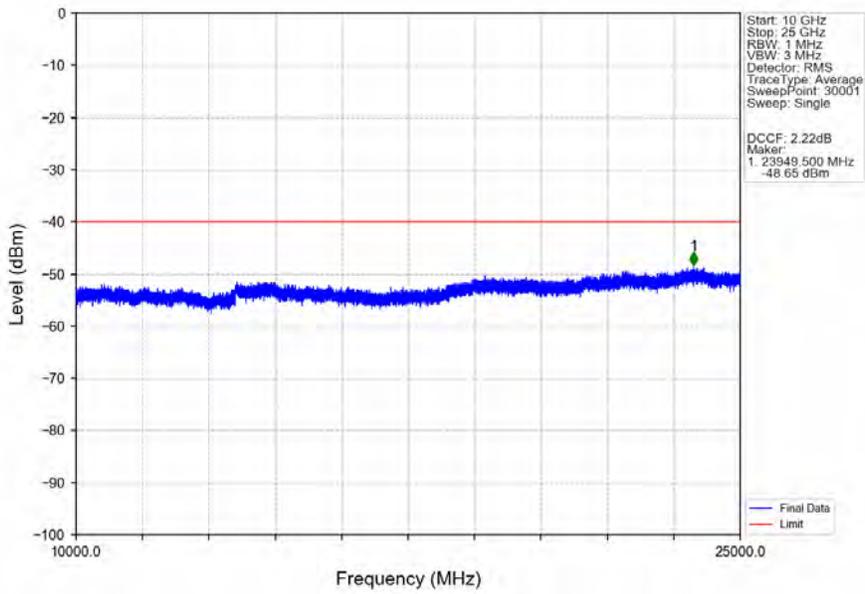
Band: 48 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3560	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
	3690	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

## 5.2 Test Graph

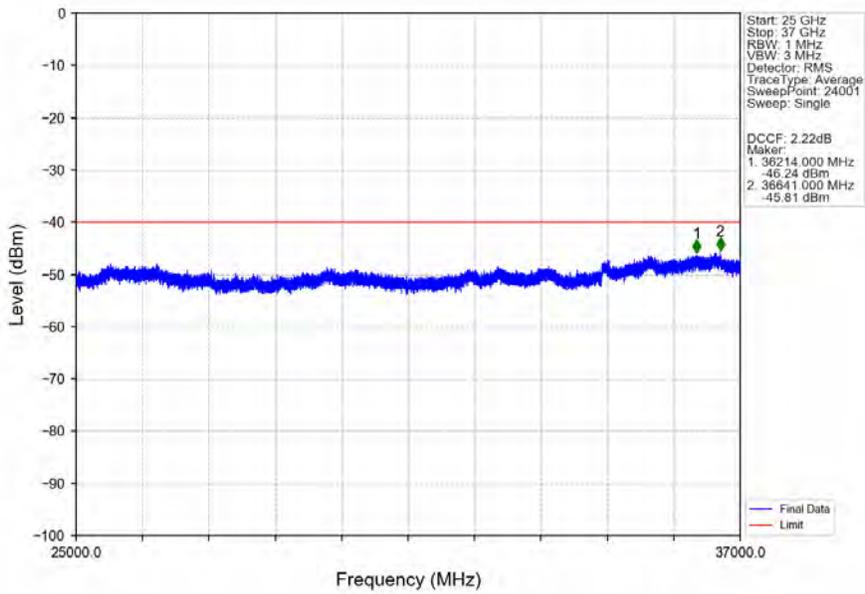
### 5.2.1 B48\_5MHz



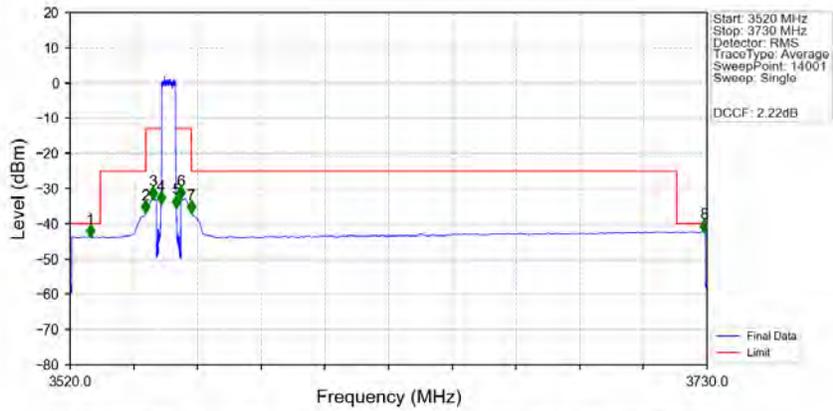
Band48\_5MHz\_QPSK\_LCH\_3552.5MHz\_RB\_1\_0\_NTNV



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

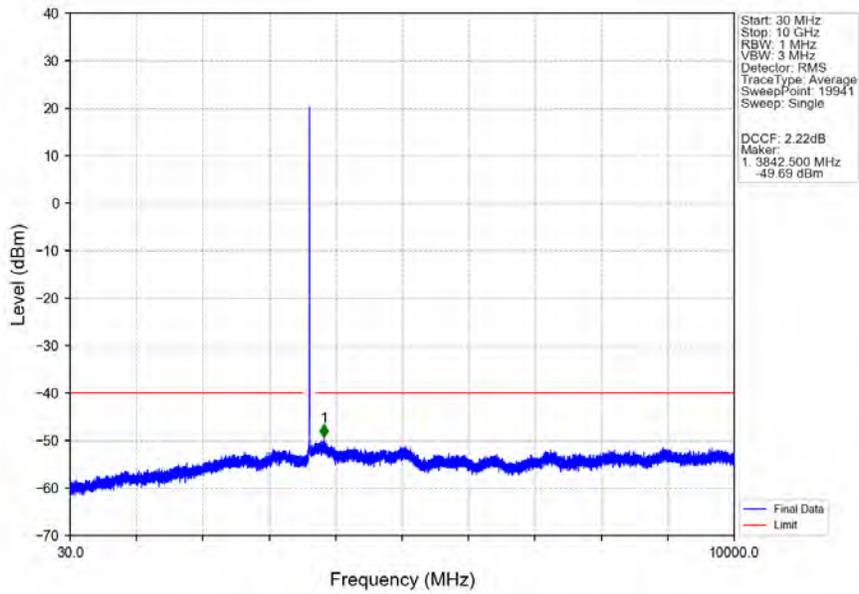


Band48\_5MHz\_QPSK\_LCH\_3552.5MHz\_RB\_25\_0\_NTNV

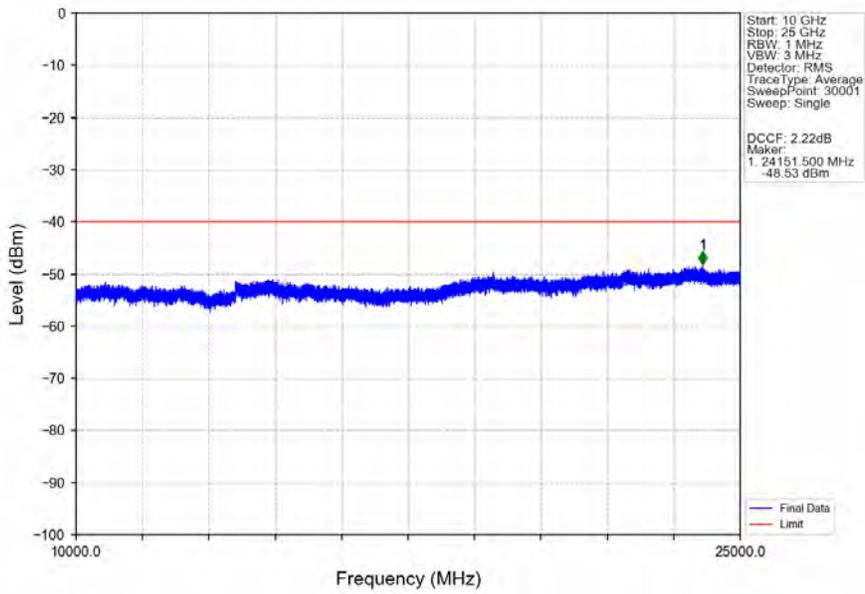


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3526.600	-43.61	-40	Pass
3530	3545	1	CHP	2	3544.915	-36.67	-25	Pass
3545	3549	1	CHP	3	3547.375	-32.76	-13	Pass
3549	3550	0.049	CHP	4	3549.985	-34.14	-13	Pass
3550	3555	0.049	CHP	/	/	/	/	/
3555	3556	0.049	CHP	5	3555.010	-35.17	-13	Pass
3556	3560	1	CHP	6	3556.510	-32.73	-13	Pass
3560	3720	1	CHP	7	3560.005	-36.76	-25	Pass
3720	3730	1	CHP	8	3728.920	-42.16	-40	Pass

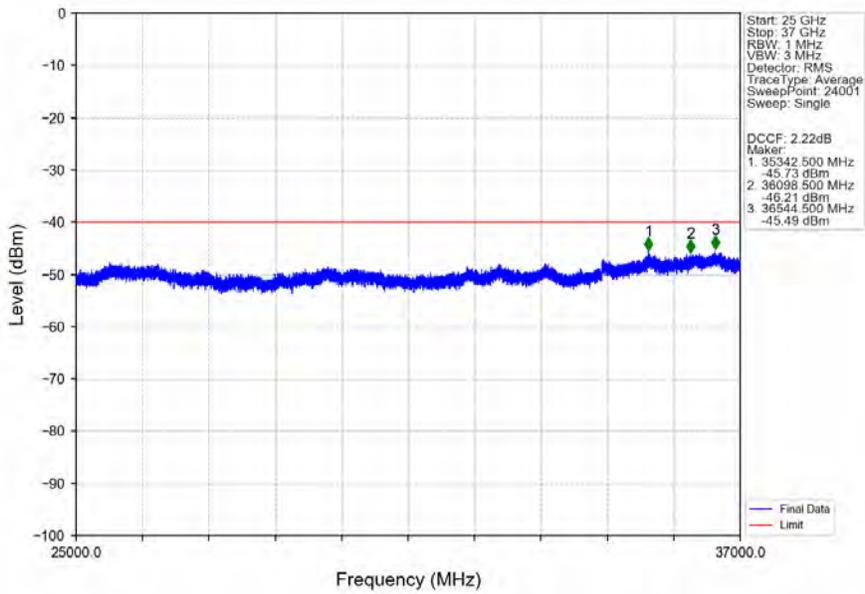
Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



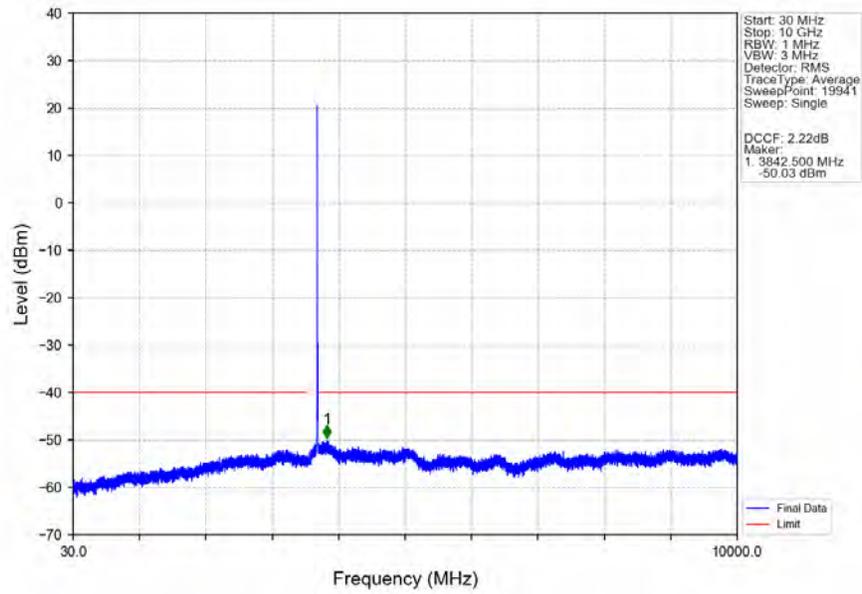
Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



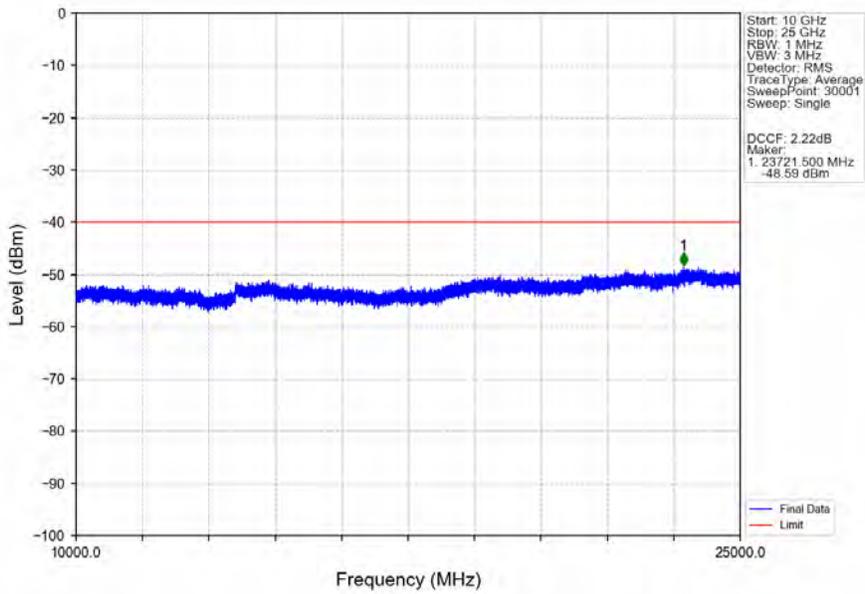
Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



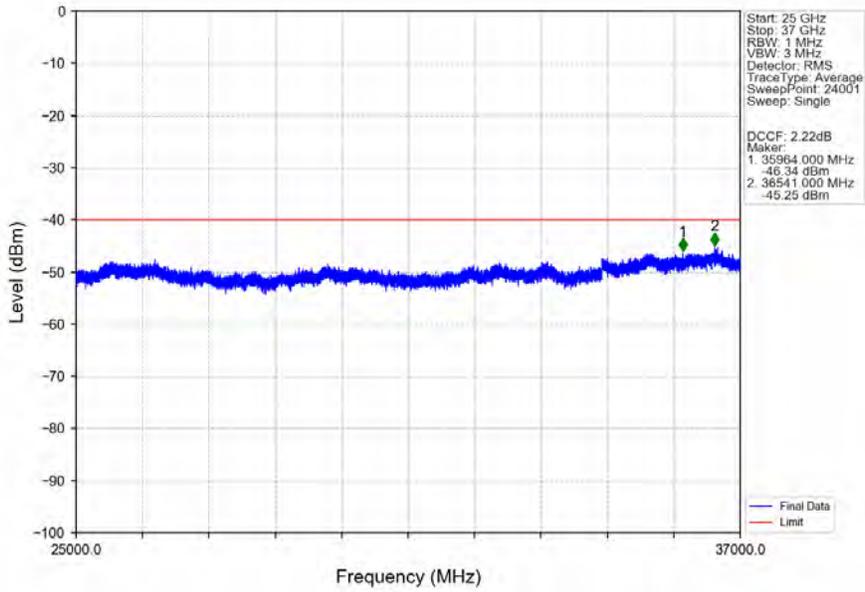
Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_1\_0\_NTNV



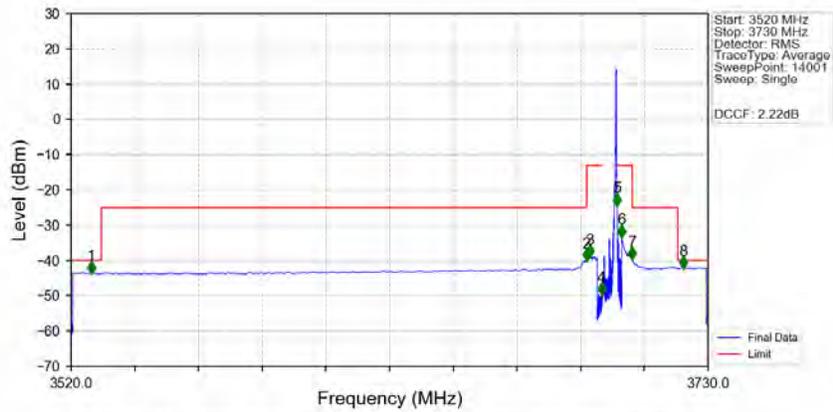
Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_1\_0\_NTNV



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

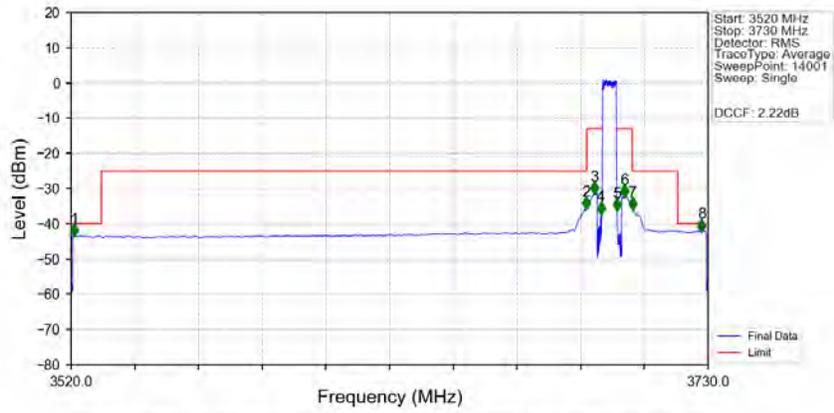


Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_1\_24\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3526.615	-43.50	-40	Pass
3530	3690	1	CHP	2	3689.935	-40.03	-25	Pass
3690	3694	1	CHP	3	3691.120	-38.88	-13	Pass
3694	3695	0.03	/	4	3694.915	-49.65	-13	Pass
3695	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.030	-24.26	-13	Pass
3701	3705	1	CHP	6	3701.500	-33.24	-13	Pass
3705	3720	1	CHP	7	3705.010	-39.55	-25	Pass
3720	3730	1	CHP	8	3721.825	-42.06	-40	Pass

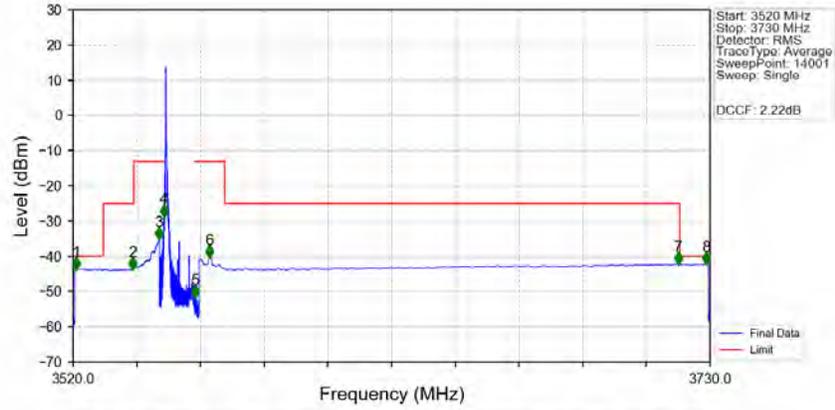
Band48\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3521.080	-43.33	-40	Pass
3530	3690	1	CHP	2	3689.890	-35.68	-25	Pass
3690	3694	1	CHP	3	3692.425	-31.35	-13	Pass
3694	3695	0.049	CHP	4	3694.750	-37.04	-13	Pass
3695	3700	0.049	CHP	/	/	/	/	/
3700	3701	0.049	CHP	5	3700.015	-36.11	-13	Pass
3701	3705	1	CHP	6	3702.550	-32.27	-13	Pass
3705	3720	1	CHP	7	3705.070	-35.89	-25	Pass
3720	3730	1	CHP	8	3727.885	-41.97	-40	Pass

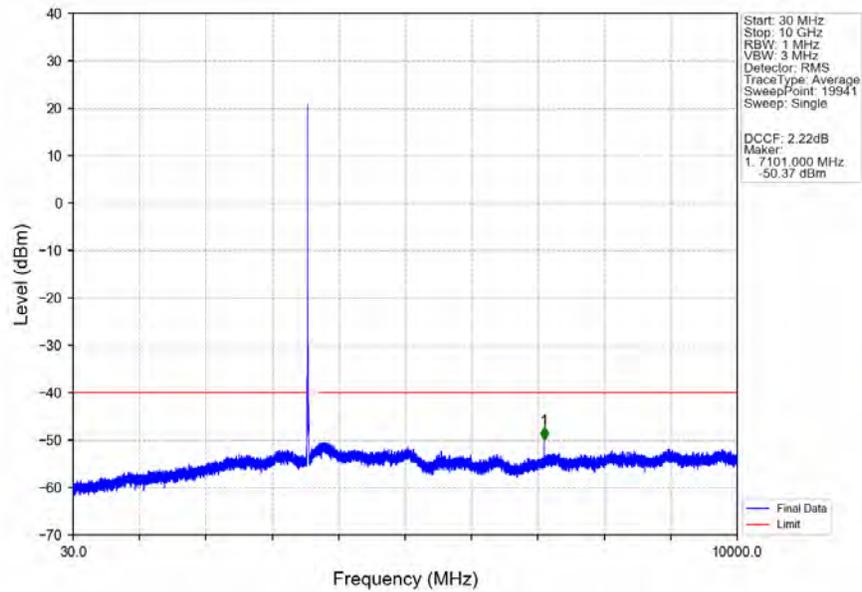
### 5.2.2 B48\_10MHz

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

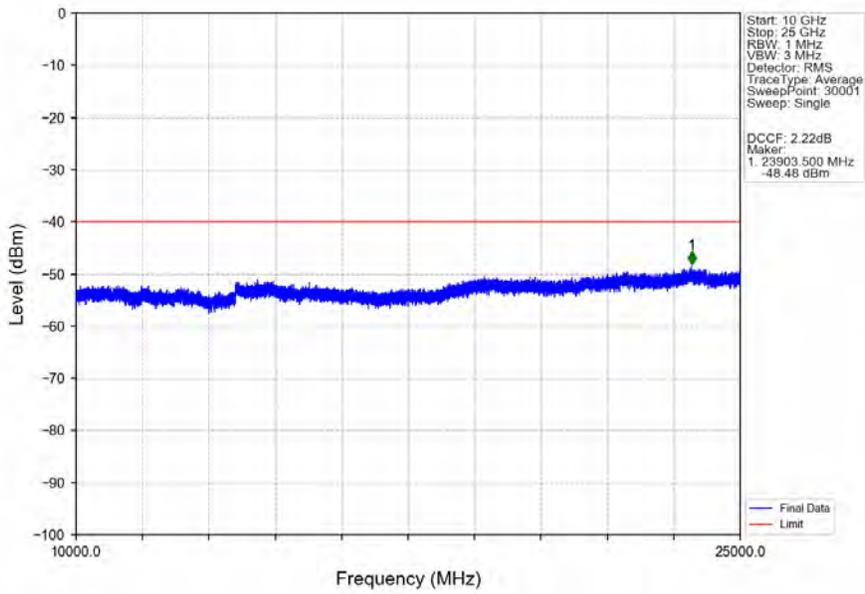


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3521.065	-43.57	-40	Pass
3530	3540	1	CHP	2	3539.680	-43.58	-25	Pass
3540	3549	1	CHP	3	3548.395	-35.00	-13	Pass
3549	3550	0.03	/	4	3549.955	-28.58	-13	Pass
3550	3560	0.03	/	/	/	/	/	/
3560	3561	0.03	/	5	3560.260	-51.59	-13	Pass
3561	3570	1	CHP	6	3564.910	-40.15	-13	Pass
3570	3720	1	CHP	7	3719.500	-42.06	-25	Pass
3720	3730	1	CHP	8	3728.755	-42.09	-40	Pass

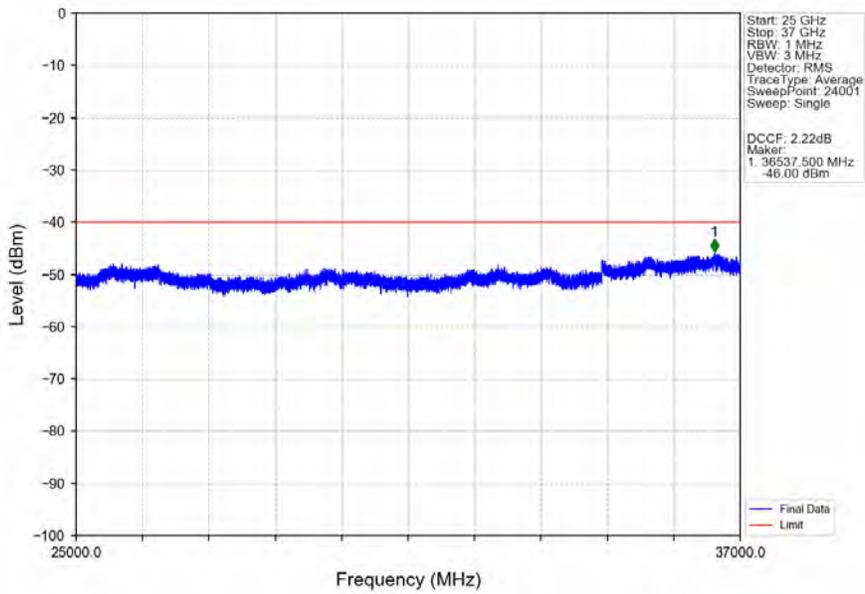
Band48\_10MHz\_QPSK\_LCH\_3555MHz\_RB\_1\_0\_NTNV



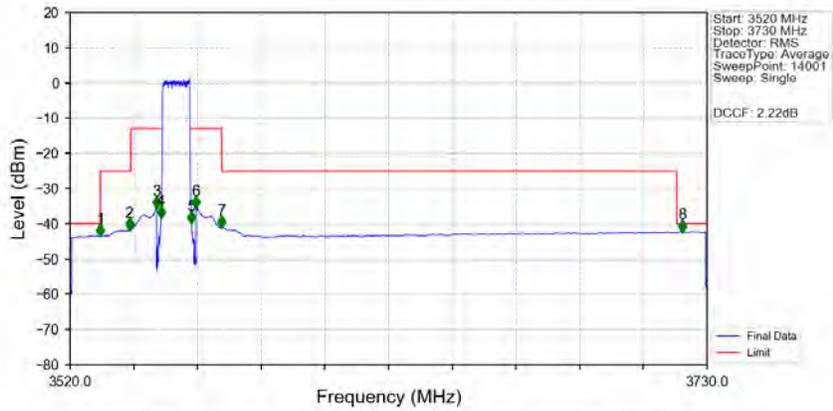
Band48\_10MHz\_QPSK\_LCH\_3555MHz\_RB\_1\_0\_NTNV



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

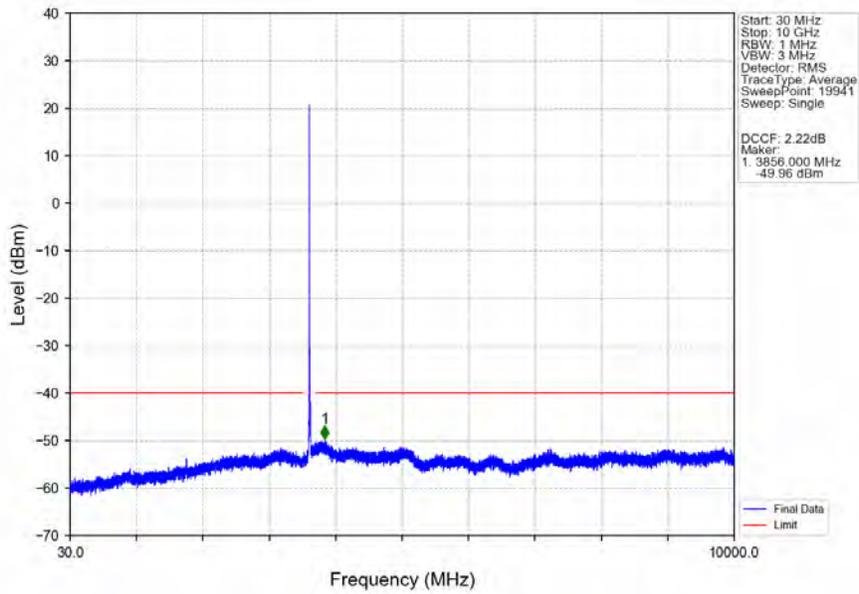


Band48\_10MHz\_QPSK\_LCH\_3555MHz\_RB\_50\_0\_NTNV

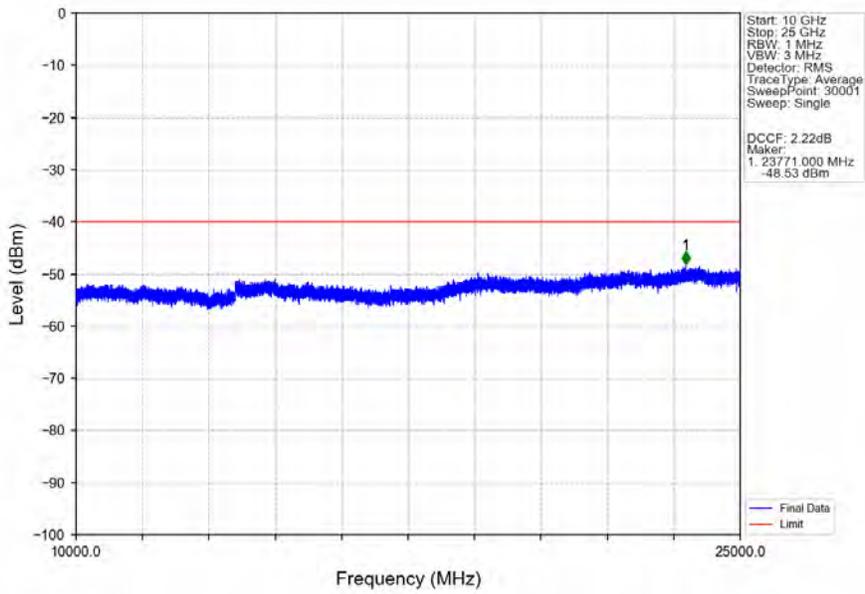


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.960	-43.36	-40	Pass
3530	3540	1	CHP	2	3539.500	-41.69	-25	Pass
3540	3549	1	CHP	3	3548.500	-35.43	-13	Pass
3549	3550	0.097	CHP	4	3549.970	-38.20	-13	Pass
3550	3560	0.097	CHP	/	/	/	/	/
3560	3561	0.097	CHP	5	3560.005	-39.80	-13	Pass
3561	3570	1	CHP	6	3561.505	-35.47	-13	Pass
3570	3720	1	CHP	7	3570.010	-40.99	-25	Pass
3720	3730	1	CHP	8	3721.705	-42.16	-40	Pass

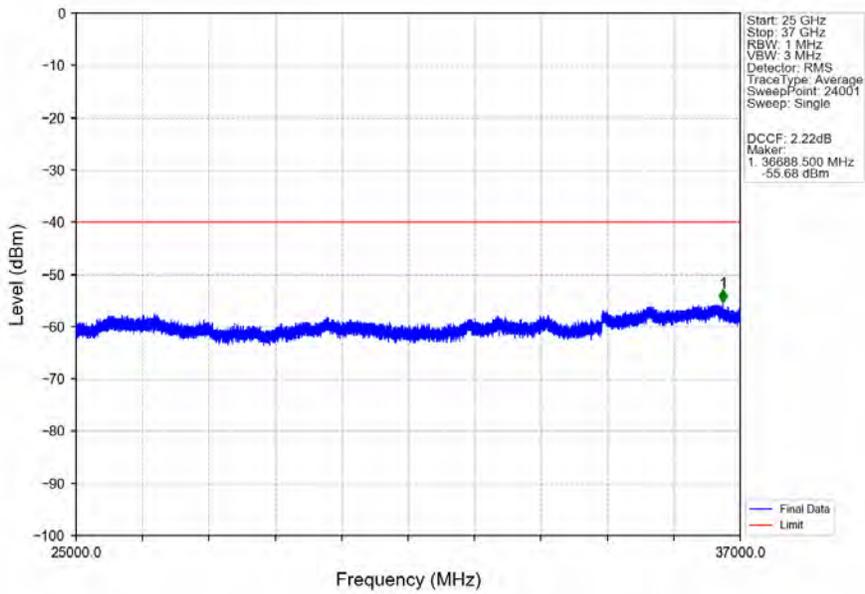
Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



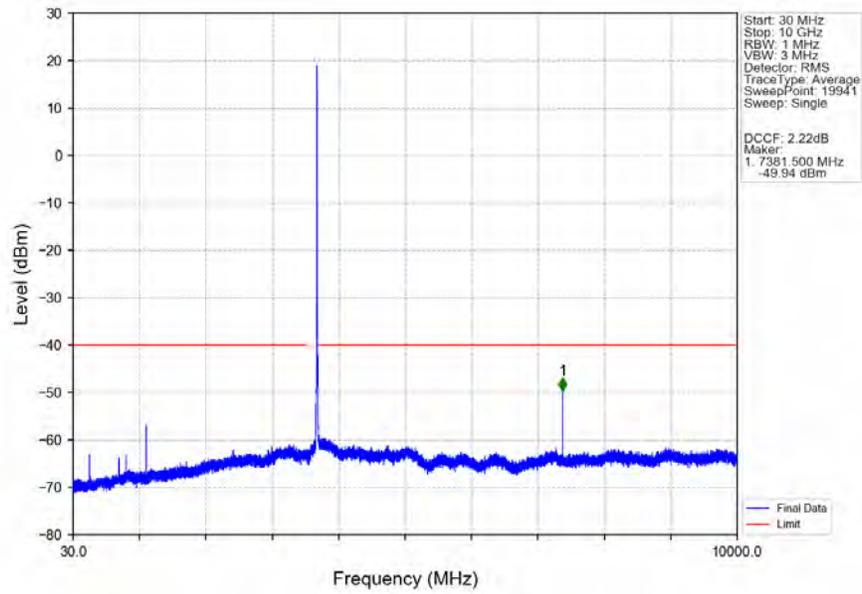
Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



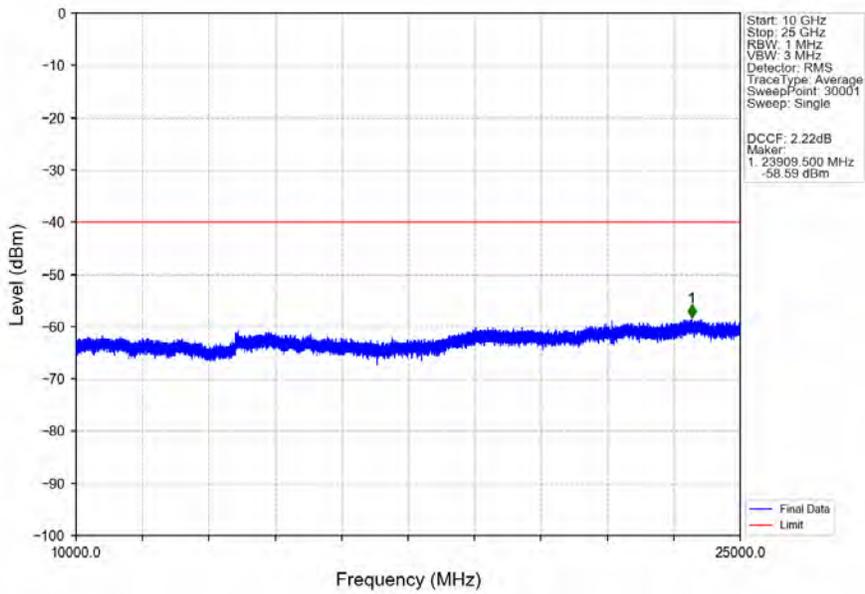
Band48\_10MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



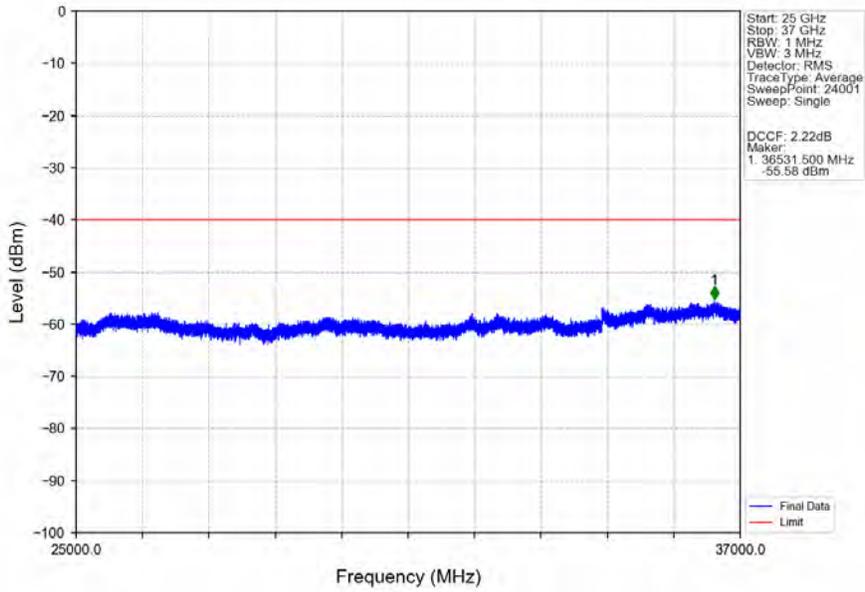
Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_1\_0\_NTNV



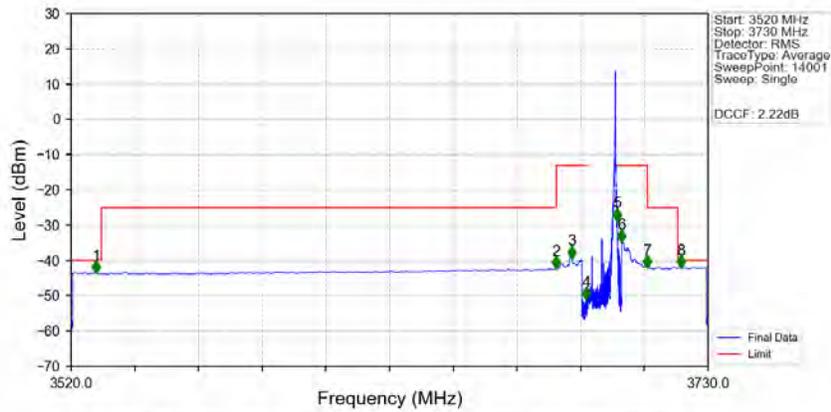
Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_1\_0\_NTNV



Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_1\_0\_NTNV

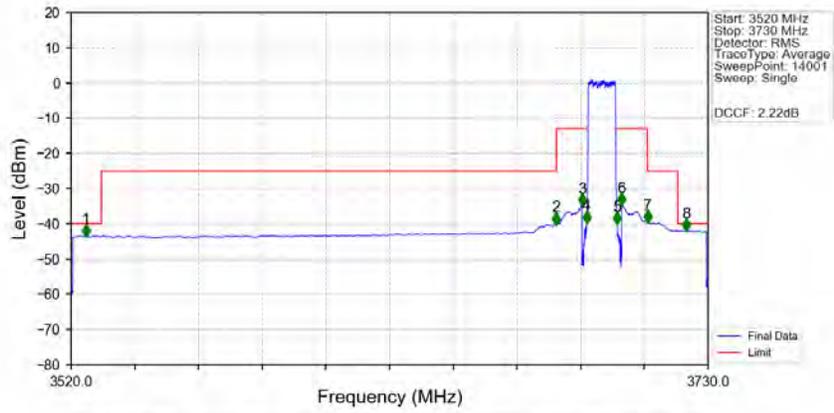


Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_1\_49\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.220	-43.48	-40	Pass
3530	3680	1	CHP	2	3679.885	-42.18	-25	Pass
3680	3689	1	CHP	3	3685.045	-39.27	-13	Pass
3689	3690	0.03	/	4	3689.815	-50.92	-13	Pass
3690	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.015	-28.56	-13	Pass
3701	3710	1	CHP	6	3701.560	-34.67	-13	Pass
3710	3720	1	CHP	7	3710.005	-41.93	-25	Pass
3720	3730	1	CHP	8	3720.970	-41.90	-40	Pass

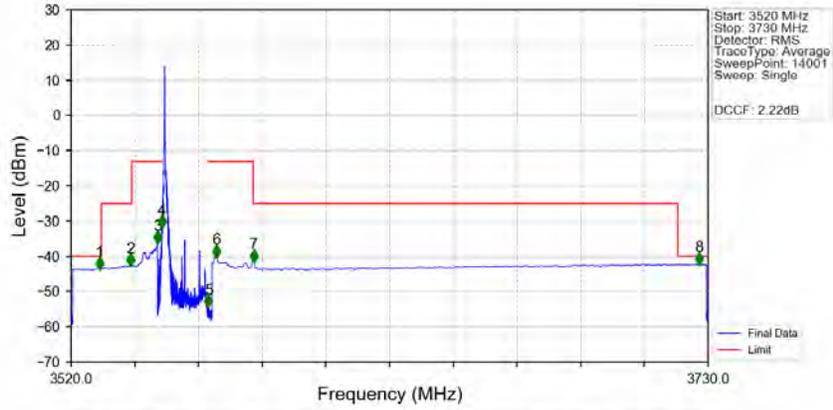
Band48\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3524.875	-43.45	-40	Pass
3530	3680	1	CHP	2	3679.915	-40.06	-25	Pass
3680	3689	1	CHP	3	3688.450	-34.85	-13	Pass
3689	3690	0.097	CHP	4	3689.995	-39.60	-13	Pass
3690	3700	0.097	CHP	/	/	/	/	/
3700	3701	0.097	CHP	5	3700.045	-39.93	-13	Pass
3701	3710	1	CHP	6	3701.515	-34.54	-13	Pass
3710	3720	1	CHP	7	3710.110	-39.48	-25	Pass
3720	3730	1	CHP	8	3722.725	-41.86	-40	Pass

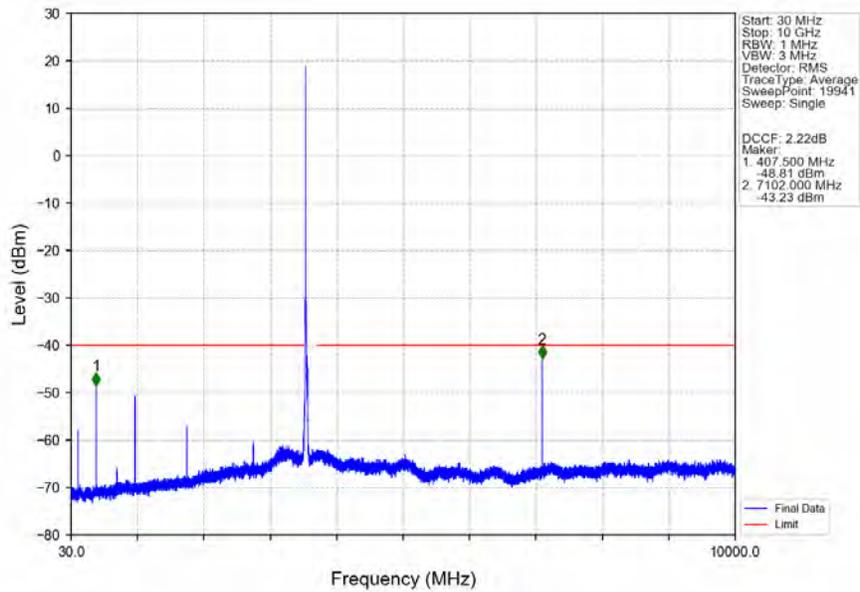
### 5.2.3 B48\_15MHz

Band48\_15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_1\_0\_NTNV

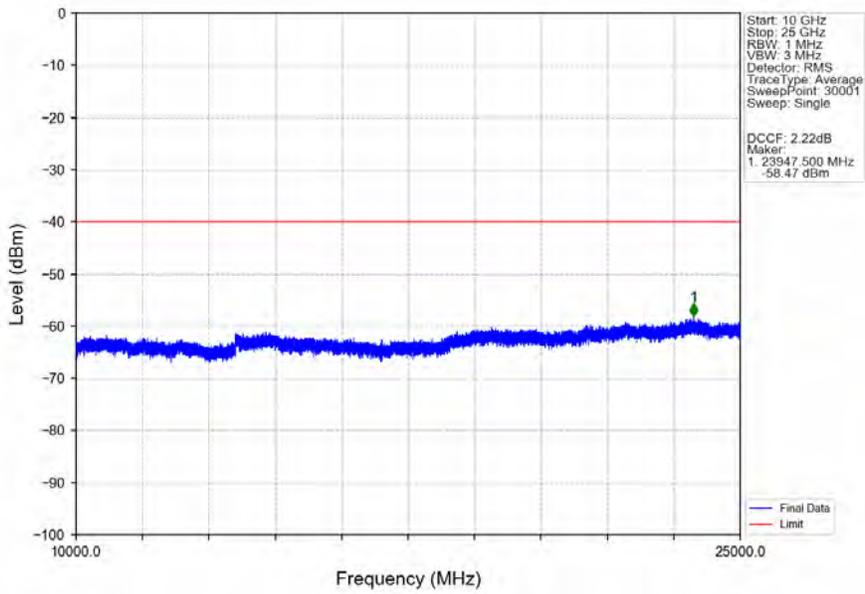


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.420	-43.57	-40	Pass
3530	3540	1	CHP	2	3539.665	-42.58	-25	Pass
3540	3549	1	CHP	3	3548.500	-36.20	-13	Pass
3549	3550	0.03	/	4	3549.970	-31.72	-13	Pass
3550	3565	0.03	/	/	/	/	/	/
3565	3566	0.03	/	5	3565.300	-54.32	-13	Pass
3566	3580	1	CHP	6	3567.925	-40.10	-13	Pass
3580	3720	1	CHP	7	3580.345	-41.36	-25	Pass
3720	3730	1	CHP	8	3726.940	-42.21	-40	Pass

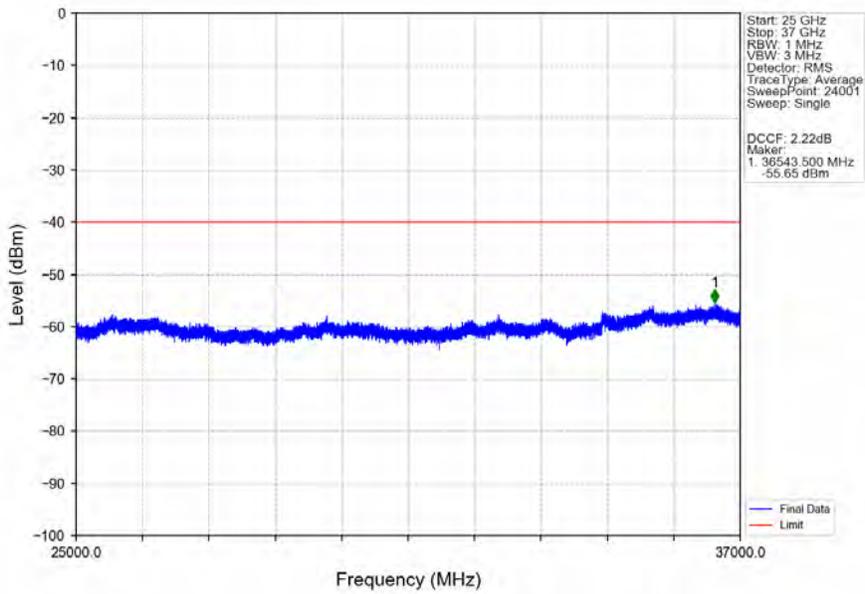
Band48\_15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_1\_0\_NTNV



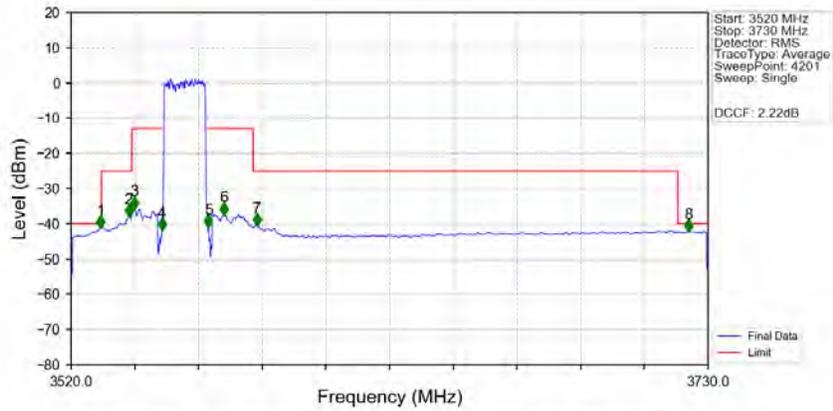
Band48\_15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_1\_0\_NTNV



Band48\_15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_1\_0\_NTNV

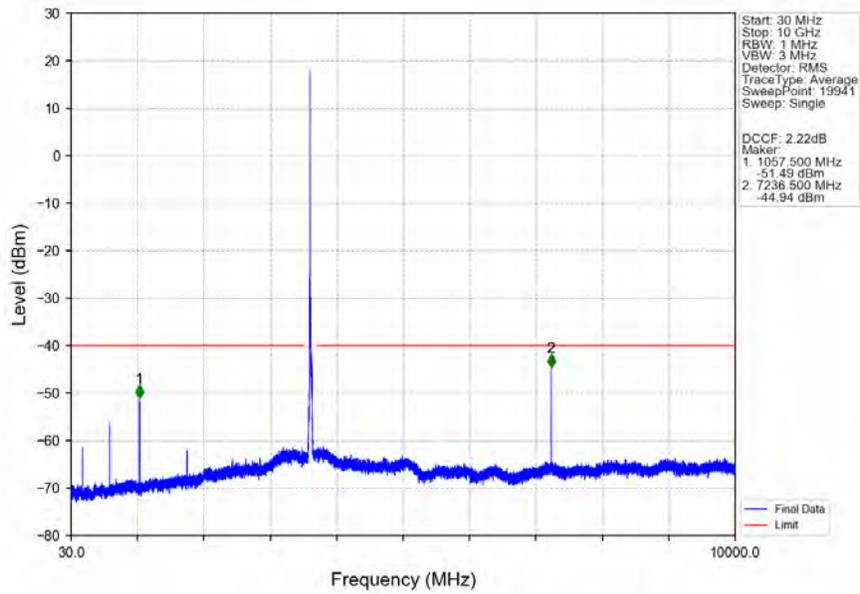


Band48\_15MHz\_QPSK\_LCH\_3557.5MHz\_RB\_75\_0\_NTNV

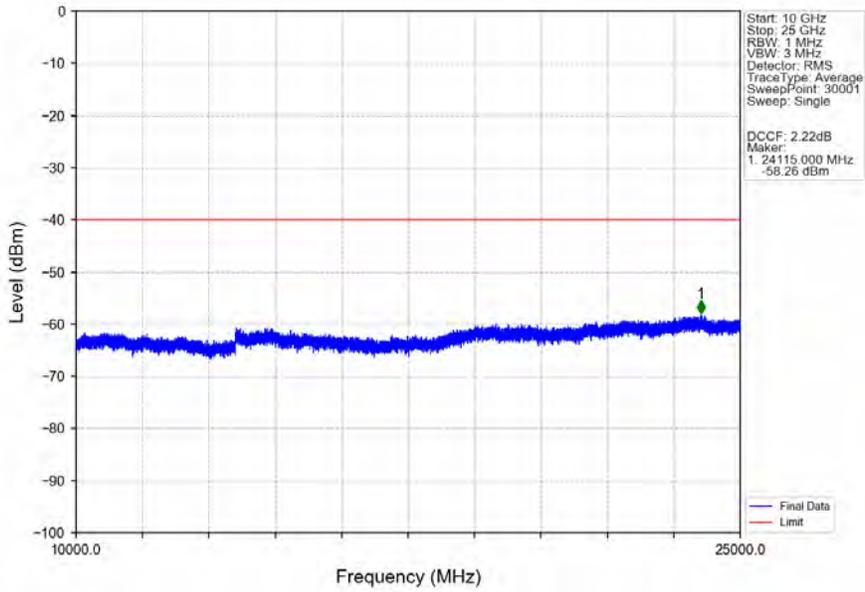


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.750	-40.97	-40	Pass
3530	3540	1	CHP	2	3539.000	-37.81	-25	Pass
3540	3549	1	CHP	3	3540.800	-35.55	-13	Pass
3549	3550	0.146	CHP	4	3549.950	-41.69	-13	Pass
3550	3565	0.146	CHP	/	/	/	/	/
3565	3566	0.146	CHP	5	3565.300	-40.75	-13	Pass
3566	3580	1	CHP	6	3570.350	-37.26	-13	Pass
3580	3720	1	CHP	7	3581.350	-40.31	-25	Pass
3720	3730	1	CHP	8	3723.500	-42.05	-40	Pass

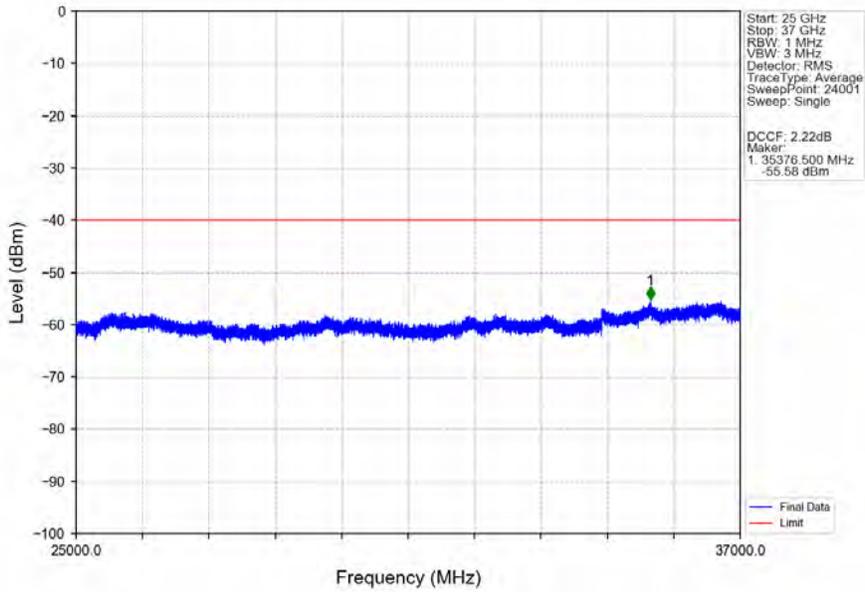
Band48\_15MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



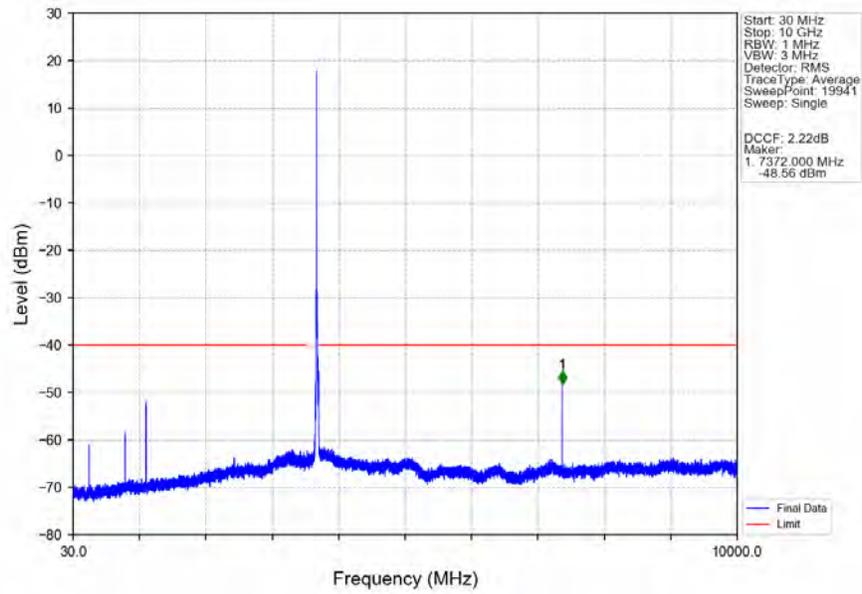
Band48\_15MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



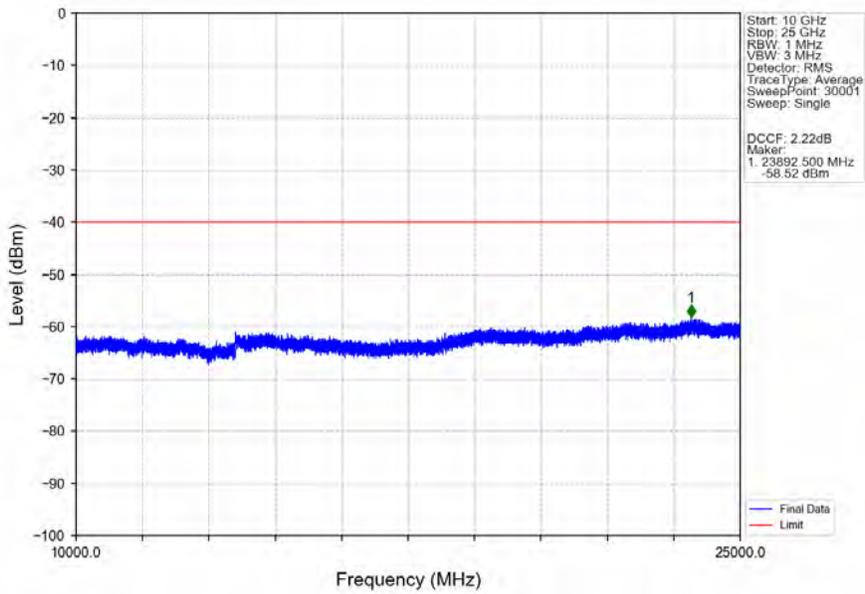
Band48\_15MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



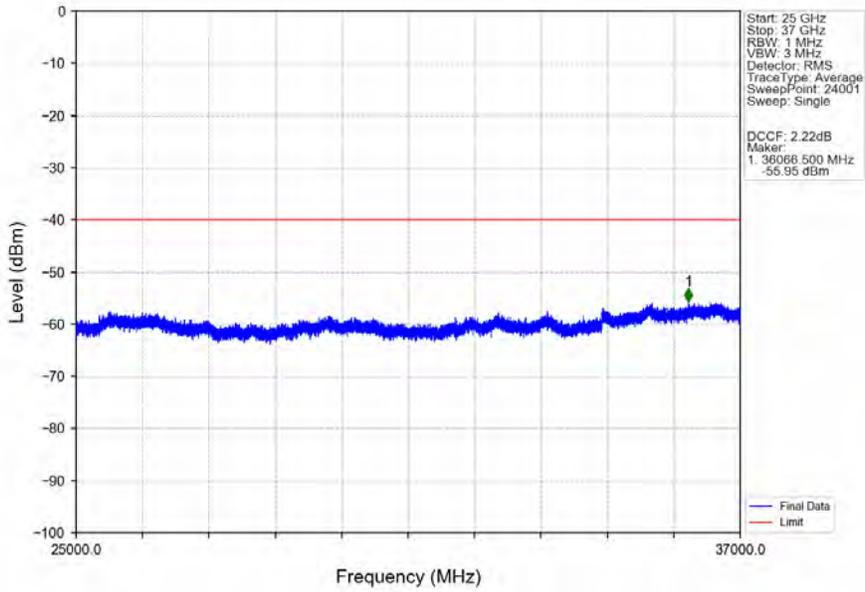
Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_1\_0\_NTNV



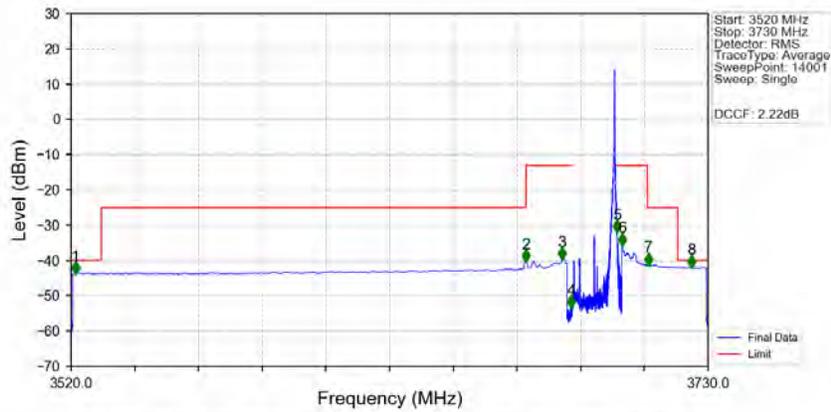
Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_1\_0\_NTNV



Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_1\_0\_NTNV

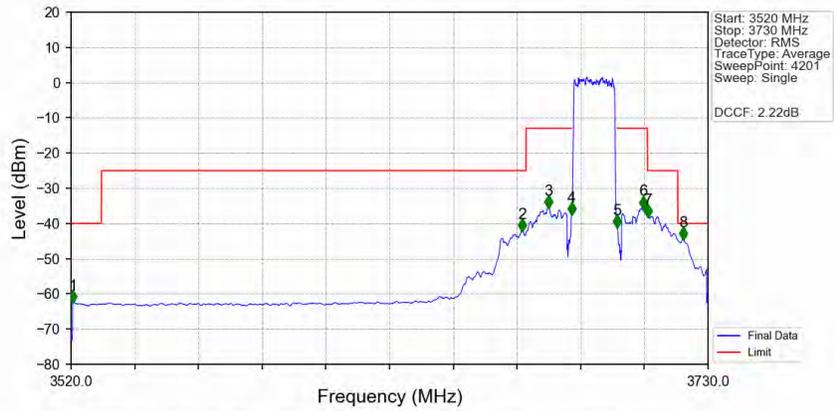


Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_1\_74\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3521.500	-43.59	-40	Pass
3530	3670	1	CHP	2	3669.985	-40.27	-25	Pass
3670	3684	1	CHP	3	3681.925	-39.54	-13	Pass
3684	3685	0.03	/	4	3684.880	-53.22	-13	Pass
3685	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.045	-31.92	-13	Pass
3701	3710	1	CHP	6	3701.635	-35.64	-13	Pass
3710	3720	1	CHP	7	3710.320	-41.18	-25	Pass
3720	3730	1	CHP	8	3724.510	-41.81	-40	Pass

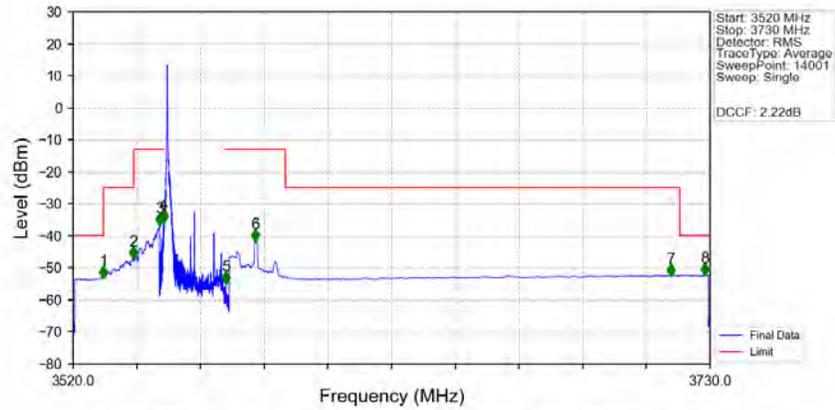
Band48\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_75\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3520.550	-62.43	-40	Pass
3530	3670	1	CHP	2	3668.750	-42.15	-25	Pass
3670	3684	1	CHP	3	3677.300	-35.45	-13	Pass
3684	3685	0.146	CHP	4	3684.950	-37.33	-13	Pass
3685	3700	0.146	CHP	/	/	/	/	/
3700	3701	0.146	CHP	5	3700.050	-41.03	-13	Pass
3701	3710	1	CHP	6	3708.550	-35.56	-13	Pass
3710	3720	1	CHP	7	3710.250	-37.96	-25	Pass
3720	3730	1	CHP	8	3721.700	-44.40	-40	Pass

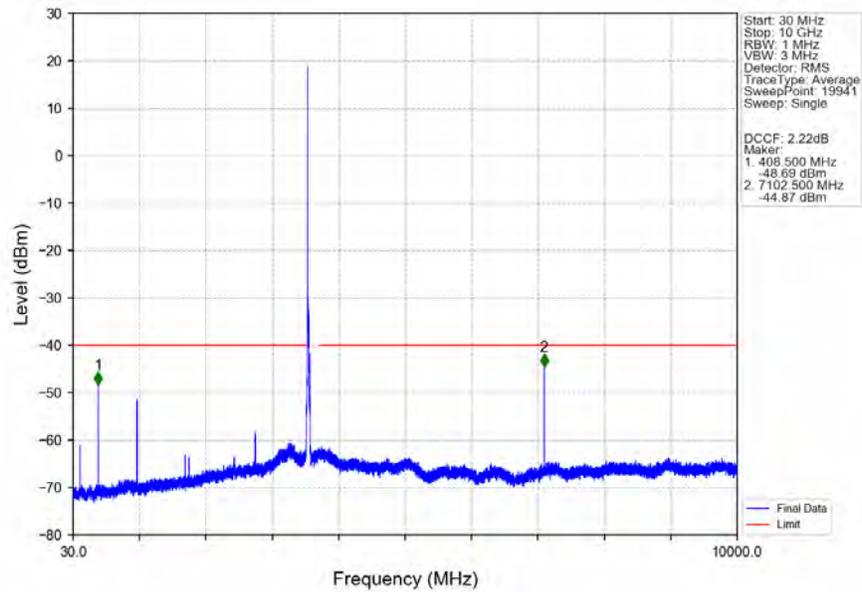
### 5.2.4 B48\_20MHz

Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_1\_0\_NTNV

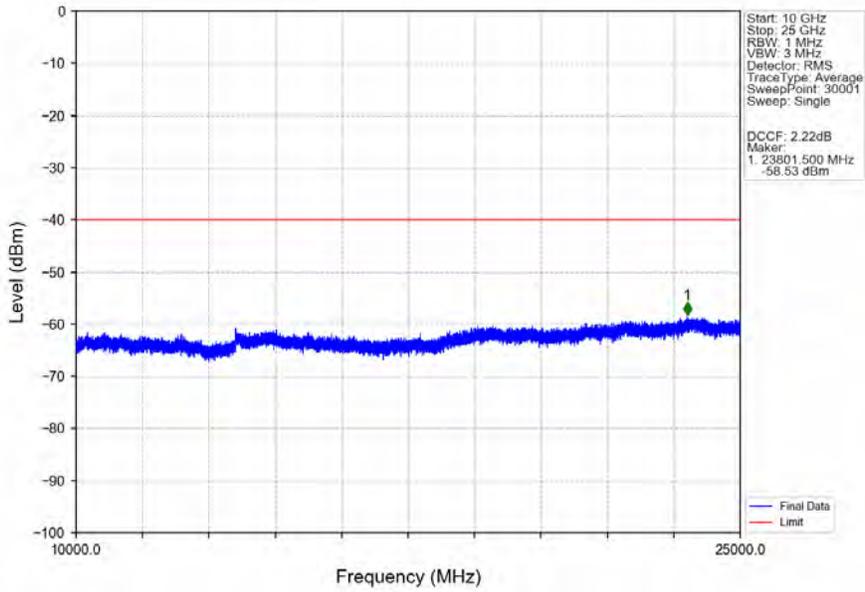


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.990	-53.11	-40	Pass
3530	3540	1	CHP	2	3539.815	-47.01	-25	Pass
3540	3549	1	CHP	3	3548.455	-36.69	-13	Pass
3549	3550	0.03	/	4	3549.940	-35.41	-13	Pass
3550	3570	0.03	/	/	/	/	/	/
3570	3571	0.03	/	5	3570.280	-54.80	-13	Pass
3571	3590	1	CHP	6	3580.060	-41.51	-13	Pass
3590	3720	1	CHP	7	3717.175	-52.33	-25	Pass
3720	3730	1	CHP	8	3728.365	-52.15	-40	Pass

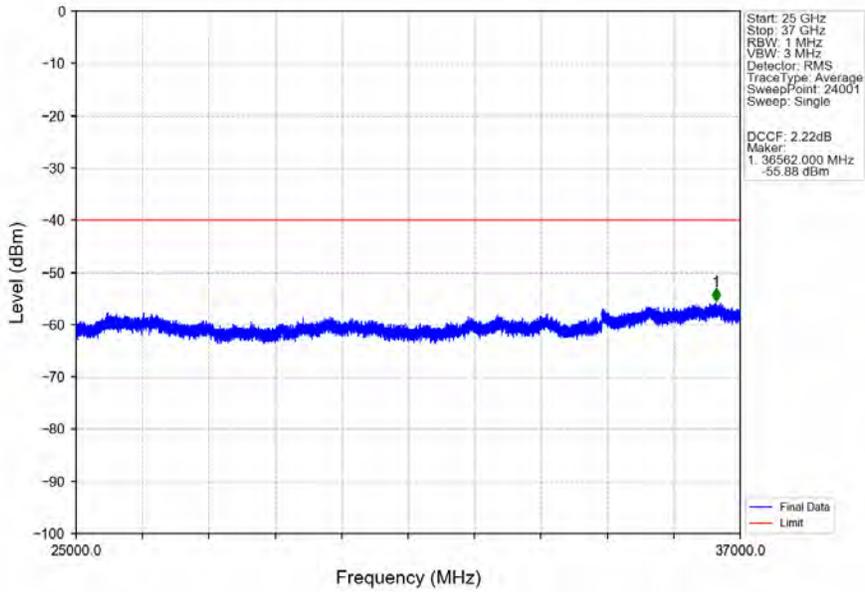
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_1\_0\_NTNV



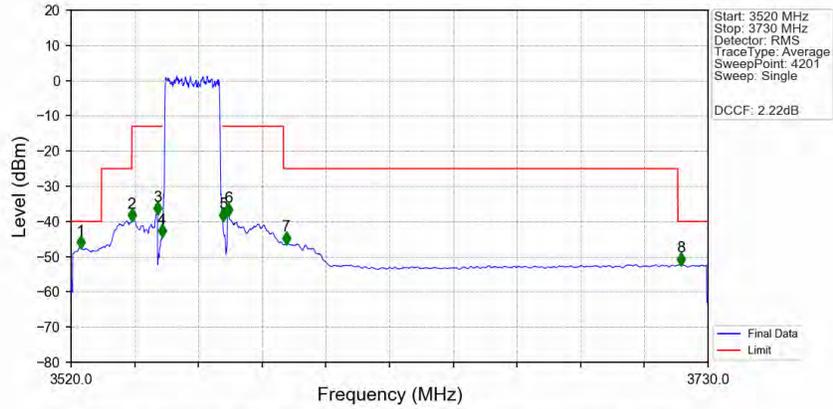
Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_1\_0\_NTNV



Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_1\_0\_NTNV

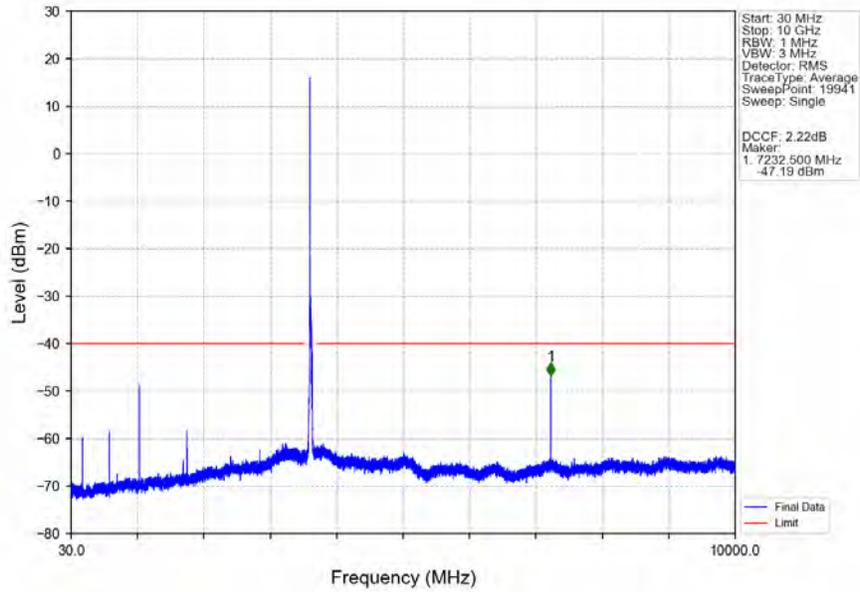


Band48\_20MHz\_QPSK\_LCH\_3560MHz\_RB\_100\_0\_NTNV

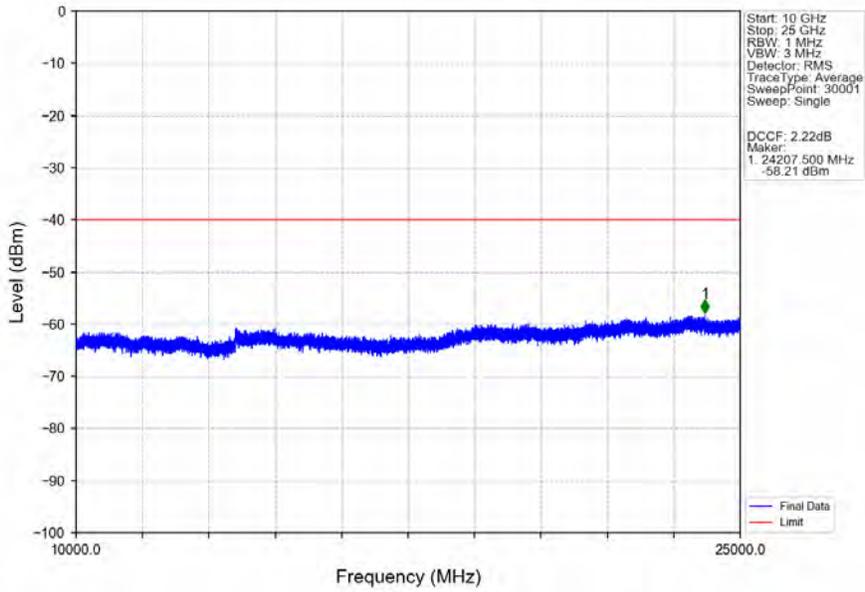


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3523.200	-47.42	-40	Pass
3530	3540	1	CHP	2	3540.000	-39.70	-25	Pass
3540	3549	1	CHP	3	3548.500	-37.74	-13	Pass
3549	3550	0.194	CHP	4	3549.950	-44.21	-13	Pass
3550	3570	0.194	CHP	/	/	/	/	/
3570	3571	0.194	CHP	5	3570.050	-39.73	-13	Pass
3571	3590	1	CHP	6	3571.850	-38.11	-13	Pass
3590	3720	1	CHP	7	3590.900	-46.27	-25	Pass
3720	3730	1	CHP	8	3721.150	-52.24	-40	Pass

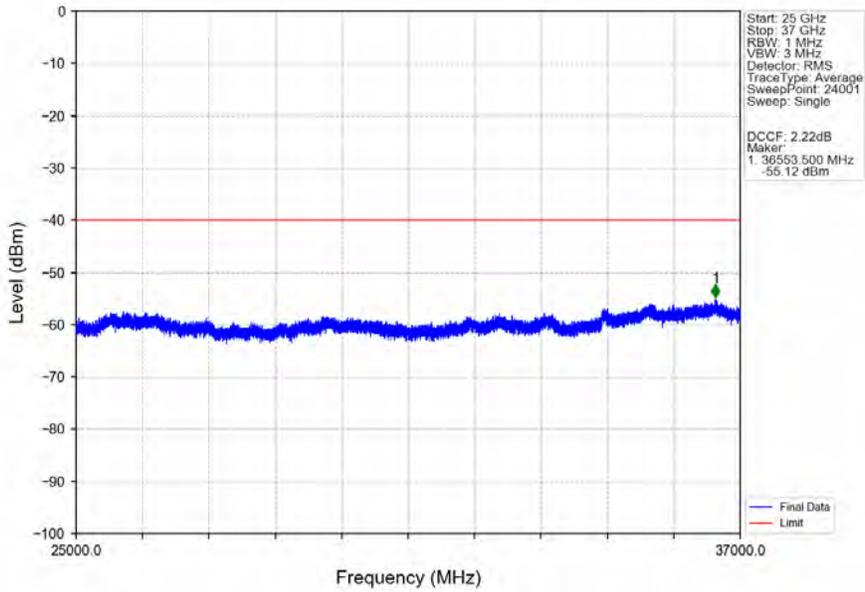
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



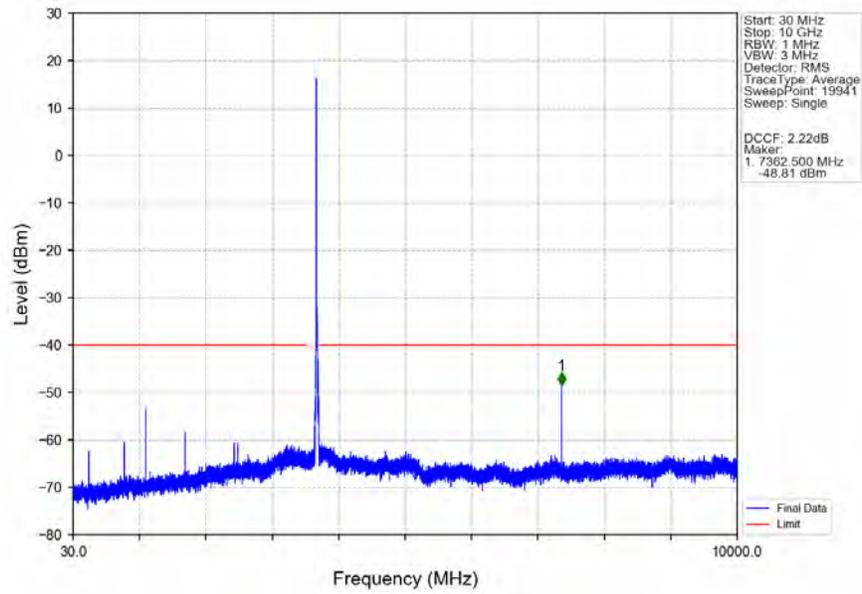
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



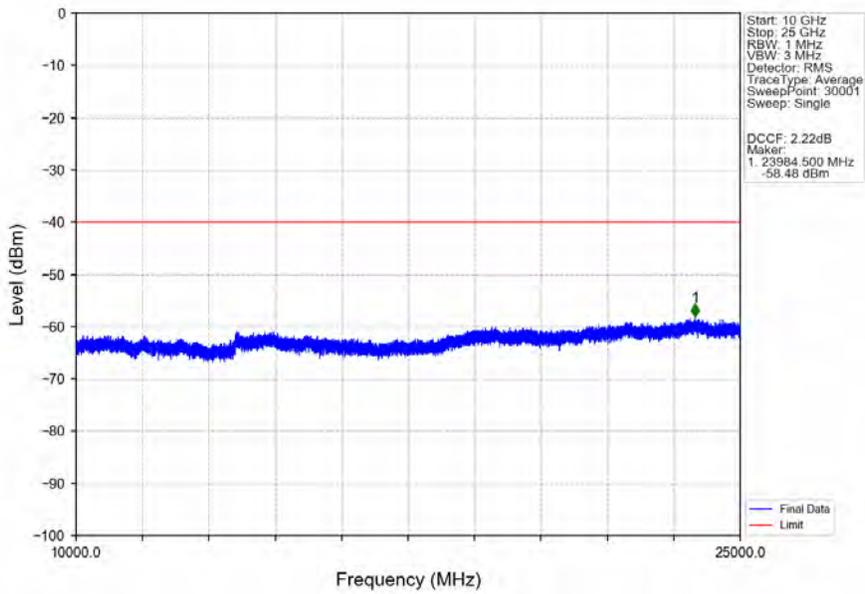
Band48\_20MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_0\_NTNV



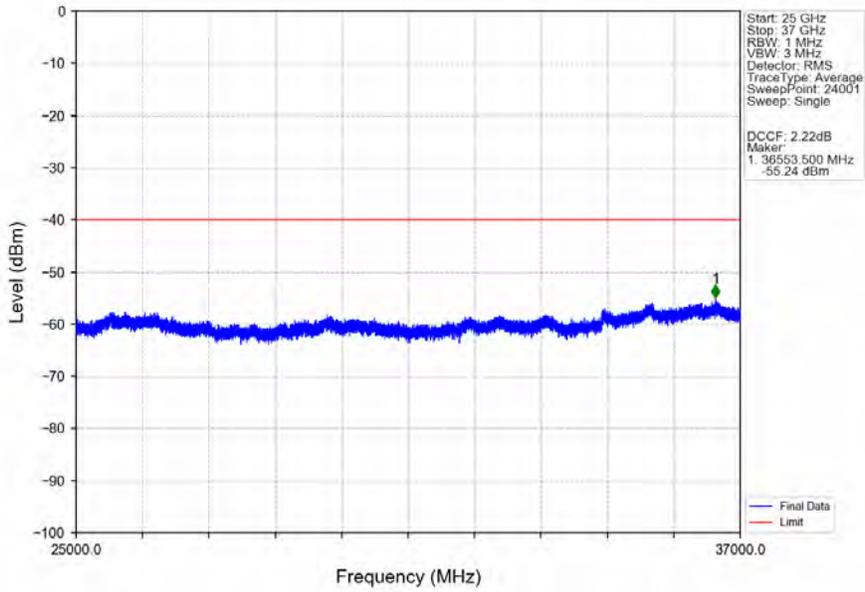
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_0\_NTNV



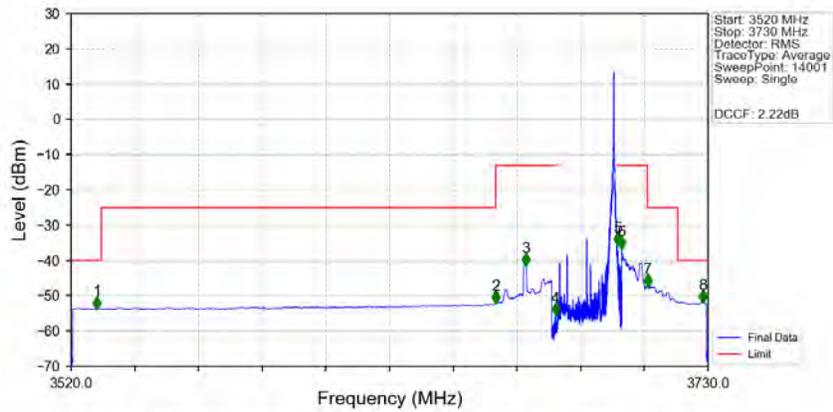
Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_0\_NTNV



Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_0\_NTNV

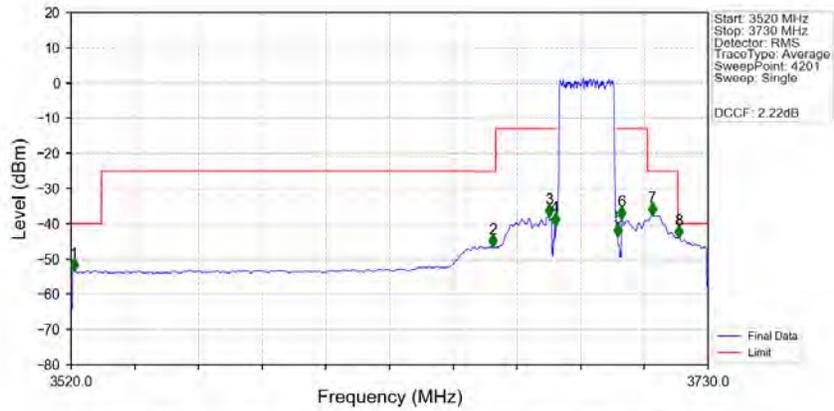


Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_99\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.535	-53.54	-40	Pass
3530	3660	1	CHP	2	3659.095	-51.93	-25	Pass
3660	3679	1	CHP	3	3669.970	-41.22	-13	Pass
3679	3680	0.03	/	4	3679.765	-55.42	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.090	-35.44	-13	Pass
3701	3710	1	CHP	6	3701.500	-36.55	-13	Pass
3710	3720	1	CHP	7	3710.065	-47.28	-25	Pass
3720	3730	1	CHP	8	3728.185	-51.81	-40	Pass

Band48\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_100\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3520.900	-53.26	-40	Pass
3530	3660	1	CHP	2	3658.950	-46.35	-25	Pass
3660	3679	1	CHP	3	3677.550	-37.79	-13	Pass
3679	3680	0.194	CHP	4	3679.500	-40.24	-13	Pass
3680	3700	0.194	CHP	/	/	/	/	/
3700	3701	0.194	CHP	5	3700.100	-43.28	-13	Pass
3701	3710	1	CHP	6	3701.500	-38.40	-13	Pass
3710	3720	1	CHP	7	3711.650	-37.34	-25	Pass
3720	3730	1	CHP	8	3720.250	-43.80	-40	Pass

## 6. Adjacent Channel Leakage Ratio

### 6.1 Test Result

#### 6.1.1 B48\_5MHz

Band: 48 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3552.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	3552.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	3552.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
256QAM	3552.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

#### 6.1.2 B48\_10MHz

Band: 48 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3555	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

	3625	1	0	Refer To Test Graph	Pass	
			49	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
	3695	1	1	0	Refer To Test Graph	Pass
				49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass	
16QAM	3555	1	0	Refer To Test Graph	Pass	
			49	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
	3625	1	1	0	Refer To Test Graph	Pass
				49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass	
	3695	1	1	0	Refer To Test Graph	Pass
				49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass	
	64QAM	3555	1	0	Refer To Test Graph	Pass
				49	Refer To Test Graph	Pass
			50	0	Refer To Test Graph	Pass
3625		1	1	0	Refer To Test Graph	Pass
				49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass	
3695		1	1	0	Refer To Test Graph	Pass
				49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass	
256QAM		3555	1	0	Refer To Test Graph	Pass
				49	Refer To Test Graph	Pass
			50	0	Refer To Test Graph	Pass
	3625	1	1	0	Refer To Test Graph	Pass
				49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass	
	3695	1	1	0	Refer To Test Graph	Pass
				49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass	

### 6.1.3 B48\_15MHz

Band: 48 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3557.5	1	0	Refer To Test Graph	Pass	
			74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
	3625	1	1	0	Refer To Test Graph	Pass
				74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass	
	3692.5	1	1	0	Refer To Test Graph	Pass
				74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass	
16QAM	3557.5	1	0	Refer To Test Graph	Pass	
			74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
	3625	1	1	0	Refer To Test Graph	Pass
				74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass	
	3692.5	1	1	0	Refer To Test Graph	Pass
				74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass	

64QAM	3557.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	3625	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
3692.5	1	0	Refer To Test Graph	Pass	
		74	Refer To Test Graph	Pass	
	75	0	Refer To Test Graph	Pass	
256QAM	3557.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	3625	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	3692.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

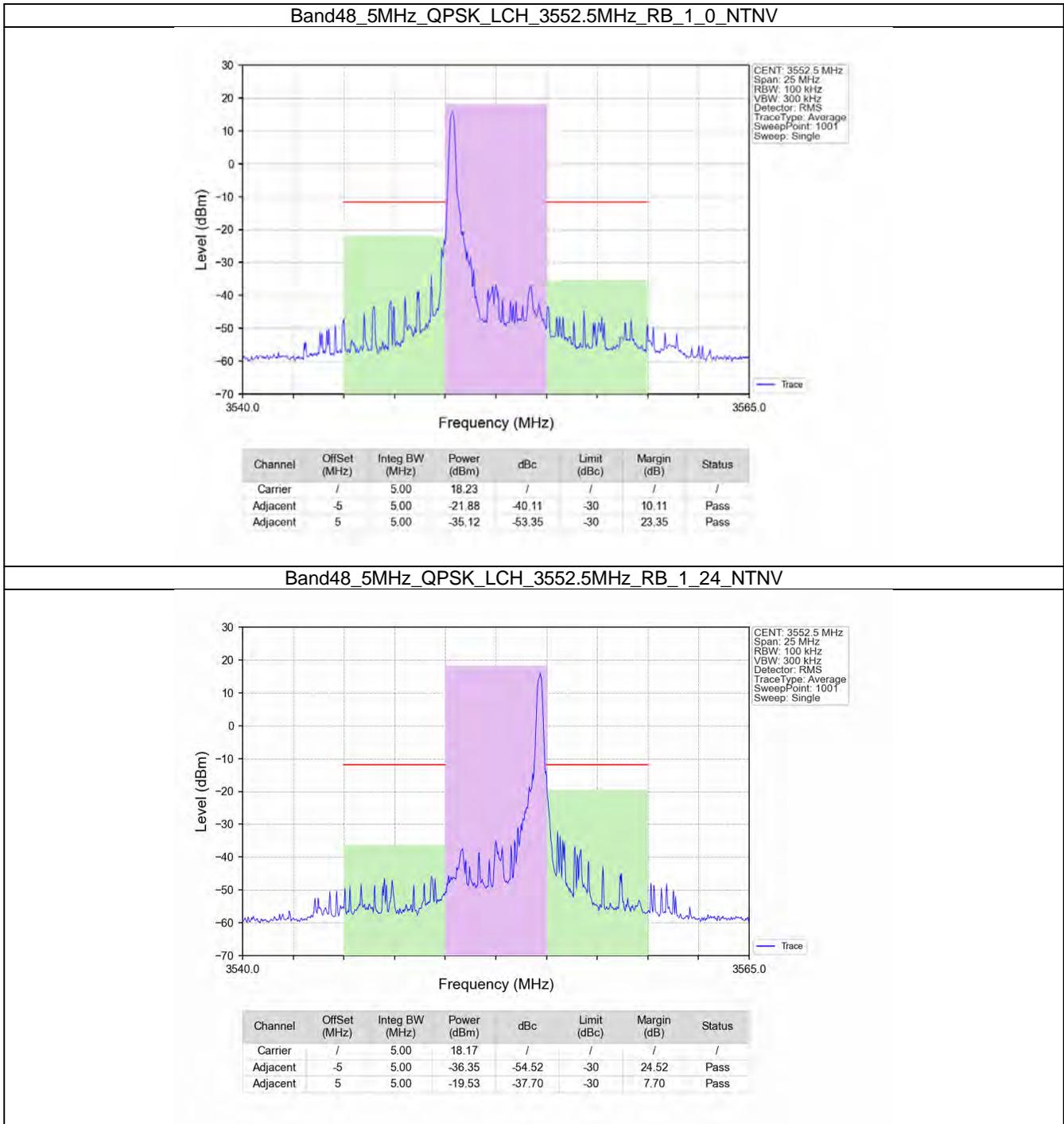
#### 6.1.4 B48\_20MHz

Band: 48 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3560	1	0	Refer To Test Graph	Pass	
			99	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
	3625	1	0	Refer To Test Graph	Pass	
			99	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
3690	1	0	Refer To Test Graph	Pass		
		99	Refer To Test Graph	Pass		
	100	0	Refer To Test Graph	Pass		
16QAM	3560	1	0	Refer To Test Graph	Pass	
			99	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
	3625	1	0	Refer To Test Graph	Pass	
			99	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
3690	1	0	Refer To Test Graph	Pass		
		99	Refer To Test Graph	Pass		
	100	0	Refer To Test Graph	Pass		
64QAM	3560	1	0	Refer To Test Graph	Pass	
			99	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
	3625	1	0	Refer To Test Graph	Pass	
			99	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
3690	1	0	Refer To Test Graph	Pass		
		99	Refer To Test Graph	Pass		
	100	0	Refer To Test Graph	Pass		
256QAM	3560	1	0	Refer To Test Graph	Pass	
			99	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
	3625	1	0	Refer To Test Graph	Pass	
			99	Refer To Test Graph	Pass	
100	0	Refer To Test Graph	Pass			

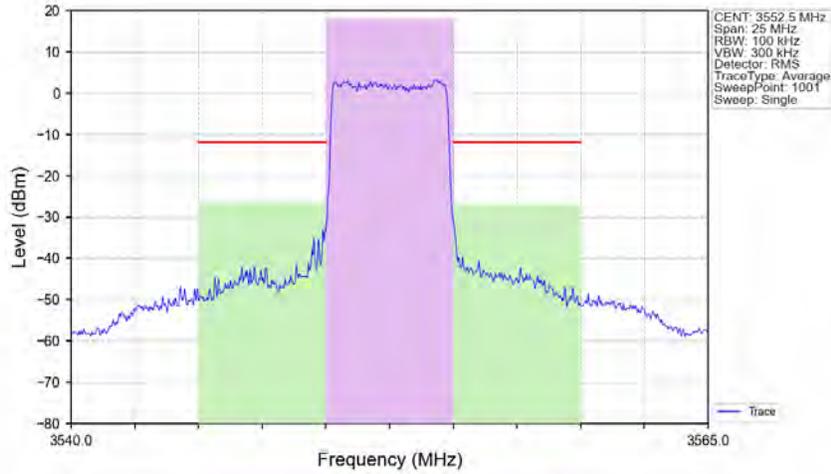
	3690	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

## 6.2 Test Graph

### 6.2.1 B48\_5MHz

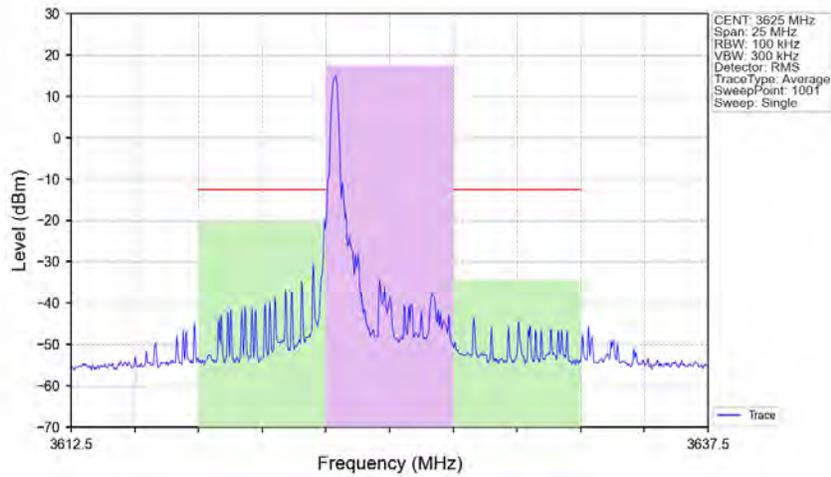


Band48\_5MHz\_QPSK\_LCH\_3552.5MHz\_RB\_25\_0\_NTNV



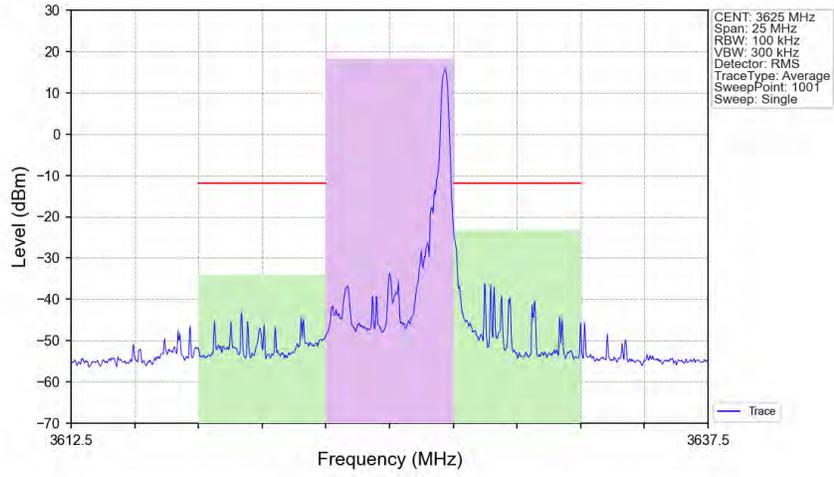
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	18.05	/	/	/	/
Adjacent	-5	5.00	-26.39	-44.44	-30	14.44	Pass
Adjacent	5	5.00	-26.93	-44.98	-30	14.98	Pass

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



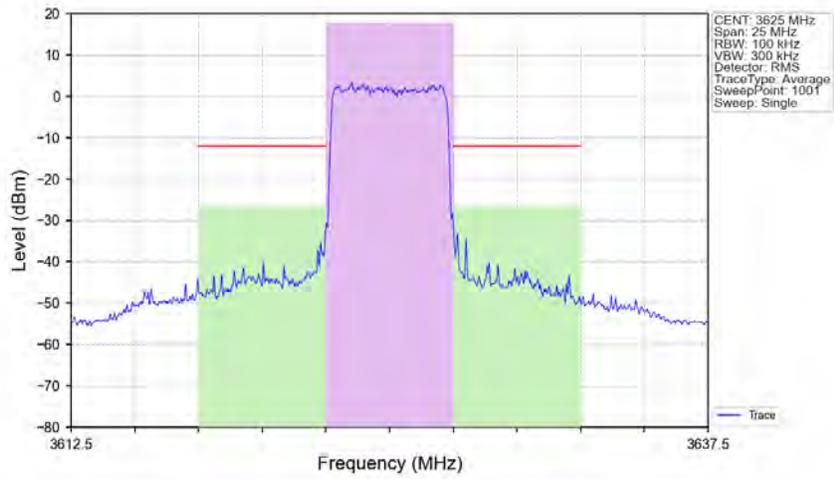
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	17.45	/	/	/	/
Adjacent	-5	5.00	-20.37	-37.82	-30	7.82	Pass
Adjacent	5	5.00	-34.41	-51.86	-30	21.86	Pass

Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_1\_24\_NTNV



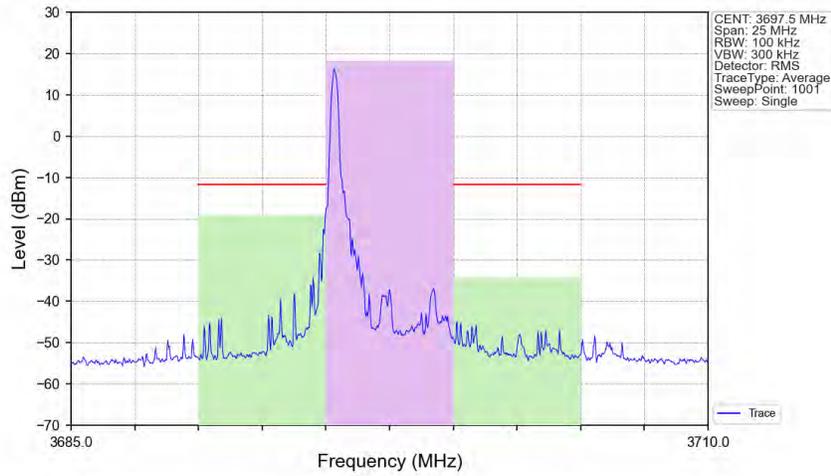
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	18.16	/	/	/	/
Adjacent	-5	5.00	-34.08	-52.24	-30	22.24	Pass
Adjacent	5	5.00	-23.23	-41.39	-30	11.39	Pass

Band48\_5MHz\_QPSK\_MCH\_3625MHz\_RB\_25\_0\_NTNV



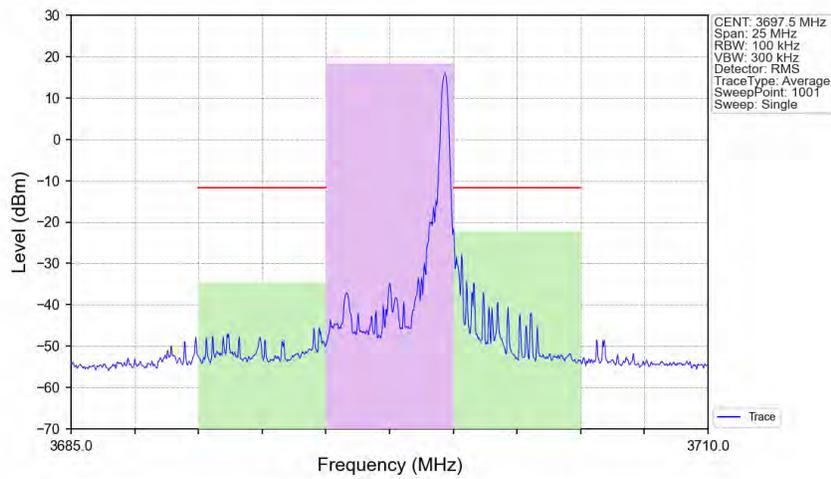
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	17.89	/	/	/	/
Adjacent	-5	5.00	-26.56	-44.45	-30	14.45	Pass
Adjacent	5	5.00	-26.69	-44.58	-30	14.58	Pass

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



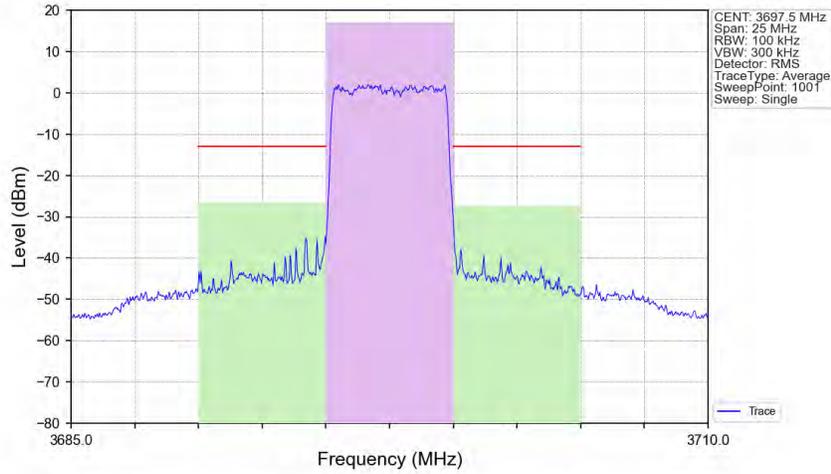
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	18.24	/	/	/	/
Adjacent	-5	5.00	-19.16	-37.40	-30	7.40	Pass
Adjacent	5	5.00	-34.21	-52.45	-30	22.45	Pass

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



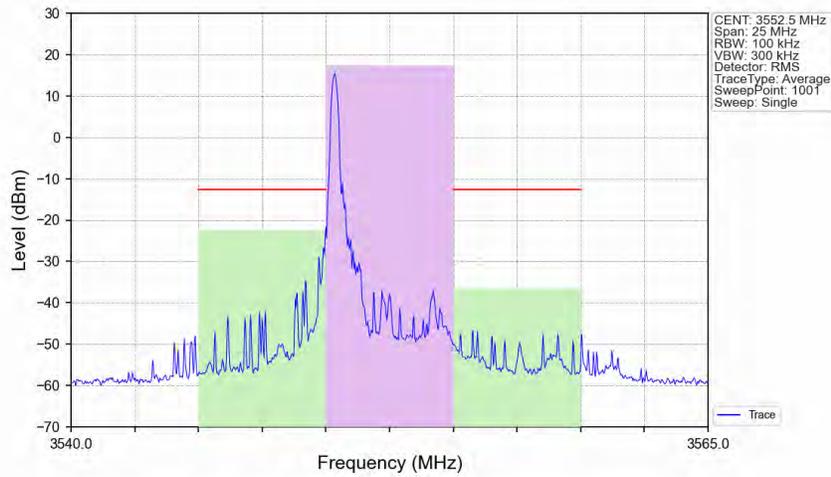
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	18.28	/	/	/	/
Adjacent	-5	5.00	-34.41	-52.69	-30	22.69	Pass
Adjacent	5	5.00	-22.20	-40.48	-30	10.48	Pass

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



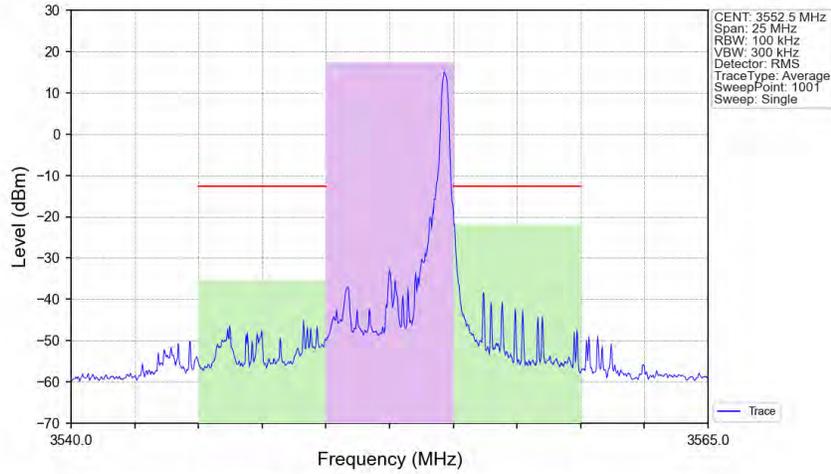
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	17.09	/	/	/	/
Adjacent	-5	5.00	-26.57	-43.66	-30	13.66	Pass
Adjacent	5	5.00	-27.30	-44.39	-30	14.39	Pass

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



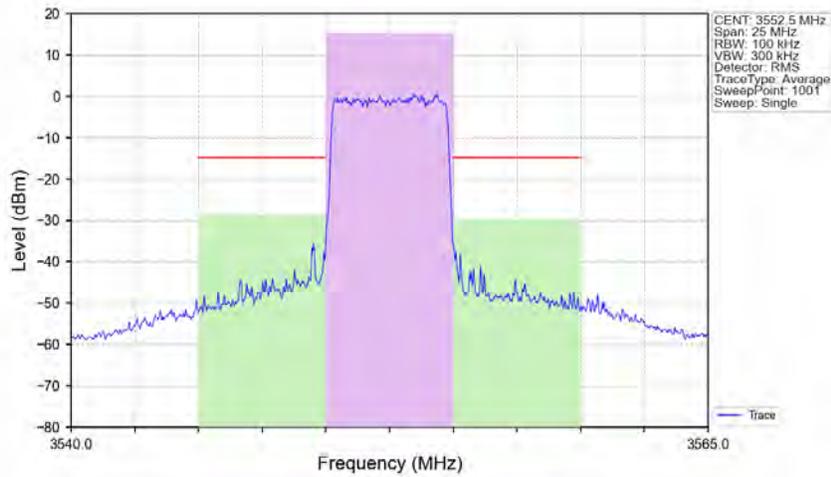
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	17.46	/	/	/	/
Adjacent	-5	5.00	-22.44	-39.90	-30	9.90	Pass
Adjacent	5	5.00	-36.50	-53.96	-30	23.96	Pass

Band48\_5MHz\_16QAM\_LCH\_3552.5MHz\_RB\_1\_24\_NTNV



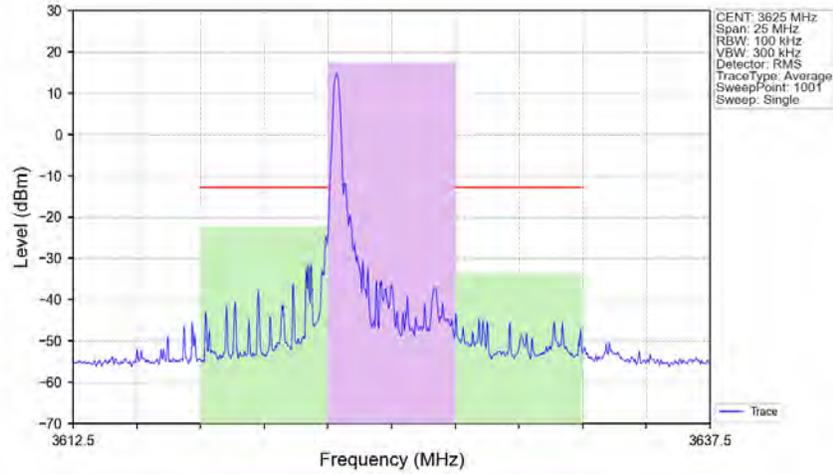
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	17.46	/	/	/	/
Adjacent	-5	5.00	-35.36	-52.82	-30	22.82	Pass
Adjacent	5	5.00	-21.90	-39.36	-30	9.36	Pass

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



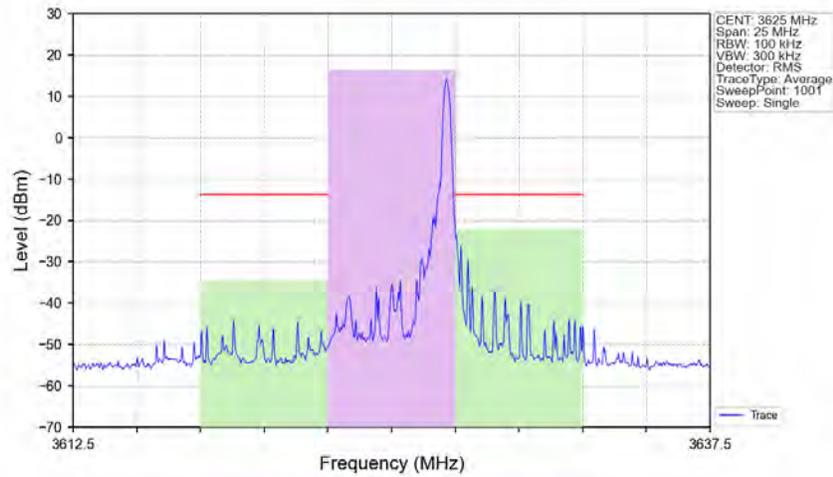
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	15.20	/	/	/	/
Adjacent	-5	5.00	-28.69	-43.89	-30	13.89	Pass
Adjacent	5	5.00	-29.82	-45.02	-30	15.02	Pass

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



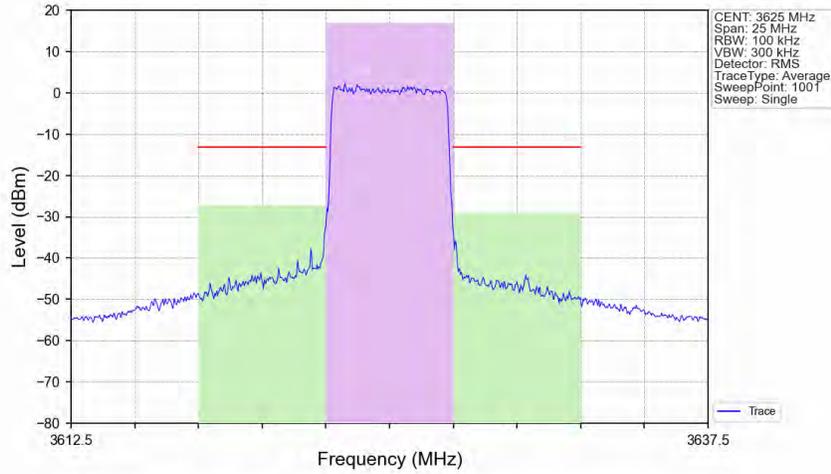
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	17.23	/	/	/	/
Adjacent	-5	5.00	-22.36	-39.59	-30	9.59	Pass
Adjacent	5	5.00	-33.83	-51.06	-30	21.06	Pass

Band48\_5MHz\_16QAM\_MCH\_3625MHz\_RB\_1\_24\_NTNV



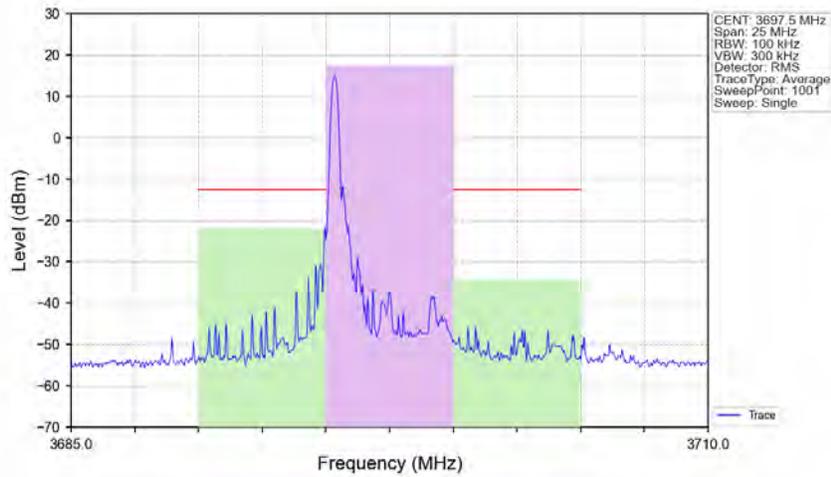
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	16.34	/	/	/	/
Adjacent	-5	5.00	-34.68	-51.02	-30	21.02	Pass
Adjacent	5	5.00	-22.12	-38.46	-30	8.46	Pass

Band48\_5MHz\_16QAM\_MCH\_3625MHz\_RB\_25\_0\_NTNV



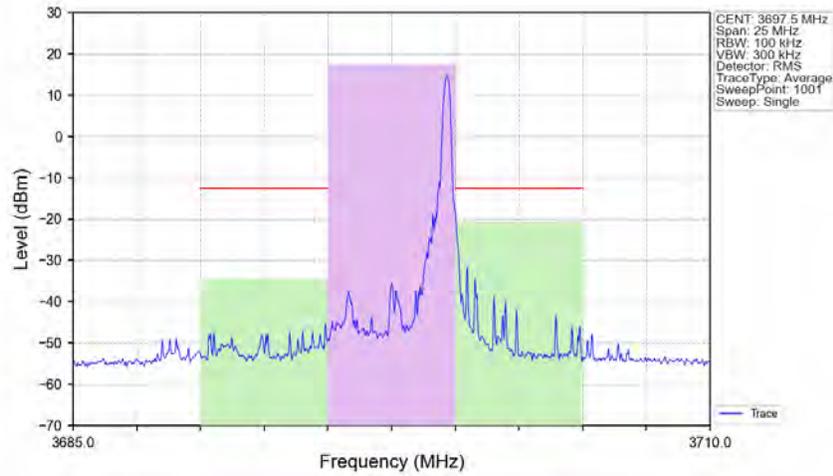
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	16.87	/	/	/	/
Adjacent	-5	5.00	-27.18	-44.05	-30	14.05	Pass
Adjacent	5	5.00	-28.96	-45.83	-30	15.83	Pass

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



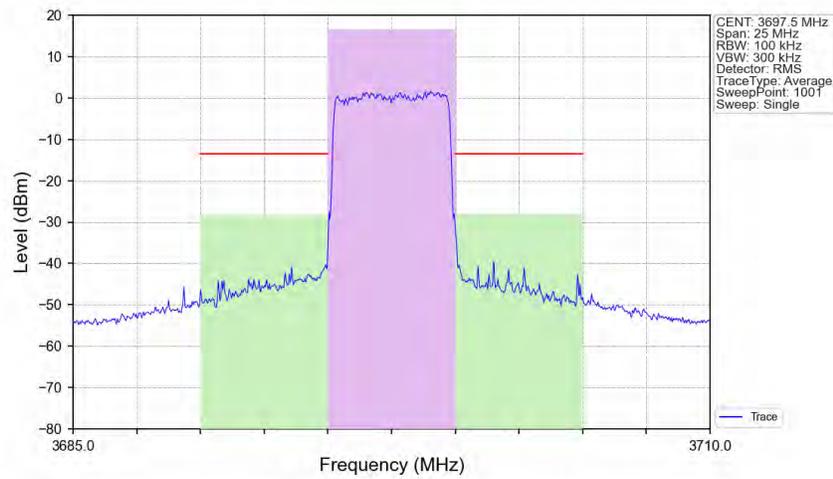
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	17.45	/	/	/	/
Adjacent	-5	5.00	-21.88	-39.33	-30	9.33	Pass
Adjacent	5	5.00	-34.35	-51.80	-30	21.80	Pass

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



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	17.37	/	/	/	/
Adjacent	-5	5.00	-34.52	-51.89	-30	21.89	Pass
Adjacent	5	5.00	-20.77	-38.14	-30	8.14	Pass

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



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	16.48	/	/	/	/
Adjacent	-5	5.00	-28.23	-44.71	-30	14.71	Pass
Adjacent	5	5.00	-28.05	-44.53	-30	14.53	Pass