

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B48_5MHz_EIRP

Band: 48 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
64QAM	3552.5	1	0	20.03	1.00	21.03	/	Pass
			13	20.43	1.00	21.43	/	Pass
			24	19.98	1.00	20.98	/	Pass
		12	0	19.18	1.00	20.18	/	Pass
			6	19.18	1.00	20.18	/	Pass
			13	19.14	1.00	20.14	/	Pass
		25	0	19.02	1.00	20.02	/	Pass
	3625	1	0	20.82	1.00	21.82	/	Pass
			13	21.03	1.00	22.03	/	Pass
			24	20.66	1.00	21.66	/	Pass
		12	0	19.84	1.00	20.84	/	Pass
			6	19.95	1.00	20.95	/	Pass
			13	19.88	1.00	20.88	/	Pass
		25	0	19.87	1.00	20.87	/	Pass
	3697.5	1	0	20.99	1.00	21.99	/	Pass
			13	20.83	1.00	21.83	/	Pass
			24	21.09	1.00	22.09	/	Pass
		12	0	20.04	1.00	21.04	/	Pass
			6	20.05	1.00	21.05	/	Pass
			13	20.10	1.00	21.10	/	Pass
		25	0	20.00	1.00	21.00	/	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B48_5MHz_EIRP/10MHz

Band: 48 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
64QAM	3552.5	1	0	19.35	1.00	20.35	<=23	Pass
			13	19.36	1.00	20.36	<=23	Pass
			24	19.54	1.00	20.54	<=23	Pass
		12	0	18.44	1.00	19.44	<=23	Pass
			6	18.21	1.00	19.21	<=23	Pass
			13	18.31	1.00	19.31	<=23	Pass
		25	0	18.14	1.00	19.14	<=23	Pass
	3625	1	0	19.78	1.00	20.78	<=23	Pass
			13	20.11	1.00	21.11	<=23	Pass
			24	19.96	1.00	20.96	<=23	Pass
		12	0	19.20	1.00	20.20	<=23	Pass
			6	18.78	1.00	19.78	<=23	Pass
			13	18.88	1.00	19.88	<=23	Pass
		25	0	19.09	1.00	20.09	<=23	Pass
	3697.5	1	0	19.55	1.00	20.55	<=23	Pass
			13	19.65	1.00	20.65	<=23	Pass
			24	19.73	1.00	20.73	<=23	Pass

		12	0	18.53	1.00	19.53	<=23	Pass
			6	18.44	1.00	19.44	<=23	Pass
			13	18.77	1.00	19.77	<=23	Pass
		25	0	18.59	1.00	19.59	<=23	Pass

Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15

1.1.3 B48_10MHz_EIRP

Band: 48 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
64QAM	3555	1	0	20.35	1.00	21.35	/	Pass
			25	19.53	1.00	20.53	/	Pass
			49	19.79	1.00	20.79	/	Pass
		25	0	19.08	1.00	20.08	/	Pass
			13	19.11	1.00	20.11	/	Pass
			25	19.04	1.00	20.04	/	Pass
		50	0	19.17	1.00	20.17	/	Pass
	3625	1	0	21.12	1.00	22.12	/	Pass
			25	21.22	1.00	22.22	/	Pass
			49	21.24	1.00	22.24	/	Pass
		25	0	19.90	1.00	20.90	/	Pass
			13	19.93	1.00	20.93	/	Pass
			25	19.89	1.00	20.89	/	Pass
		50	0	19.88	1.00	20.88	/	Pass
	3695	1	0	20.77	1.00	21.77	/	Pass
			25	20.66	1.00	21.66	/	Pass
			49	20.60	1.00	21.60	/	Pass
		25	0	20.16	1.00	21.16	/	Pass
			13	19.94	1.00	20.94	/	Pass
			25	19.92	1.00	20.92	/	Pass
		50	0	20.13	1.00	21.13	/	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B48_10MHz_EIRP/10MHz

Band: 48 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
64QAM	3555	1	0	19.17	1.00	20.17	<=23	Pass
			25	19.20	1.00	20.20	<=23	Pass
			49	19.11	1.00	20.11	<=23	Pass
		25	0	18.61	1.00	19.61	<=23	Pass
			13	18.16	1.00	19.16	<=23	Pass
			25	18.59	1.00	19.59	<=23	Pass
		50	0	18.38	1.00	19.38	<=23	Pass
	3625	1	0	20.49	1.00	21.49	<=23	Pass
			25	21.35	1.00	22.35	<=23	Pass
			49	17.78	1.00	18.78	<=23	Pass
		25	0	19.97	1.00	20.97	<=23	Pass
			13	20.11	1.00	21.11	<=23	Pass
			25	19.41	1.00	20.41	<=23	Pass
		50	0	19.27	1.00	20.27	<=23	Pass

	3695	1	0	20.21	1.00	21.21	<=23	Pass
			25	19.69	1.00	20.69	<=23	Pass
			49	19.98	1.00	20.98	<=23	Pass
		25	0	18.87	1.00	19.87	<=23	Pass
			13	19.93	1.00	20.93	<=23	Pass
			25	18.89	1.00	19.89	<=23	Pass
		50	0	18.83	1.00	19.83	<=23	Pass

Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15

1.1.5 B48_15MHz_EIRP

Band: 48 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
64QAM	3557.5	1	0	20.22	1.00	21.22	/	Pass
			38	20.25	1.00	21.25	/	Pass
			74	20.34	1.00	21.34	/	Pass
		36	0	19.08	1.00	20.08	/	Pass
			18	19.19	1.00	20.19	/	Pass
			39	19.07	1.00	20.07	/	Pass
		75	0	19.08	1.00	20.08	/	Pass
	3625	1	0	20.98	1.00	21.98	/	Pass
			38	21.11	1.00	22.11	/	Pass
			74	20.60	1.00	21.60	/	Pass
		36	0	19.84	1.00	20.84	/	Pass
			18	19.88	1.00	20.88	/	Pass
			39	19.89	1.00	20.89	/	Pass
		75	0	19.89	1.00	20.89	/	Pass
	3692.5	1	0	21.23	1.00	22.23	/	Pass
			38	21.17	1.00	22.17	/	Pass
			74	21.02	1.00	22.02	/	Pass
		36	0	20.09	1.00	21.09	/	Pass
			18	20.11	1.00	21.11	/	Pass
			39	20.05	1.00	21.05	/	Pass
		75	0	20.11	1.00	21.11	/	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B48_15MHz_EIRP/10MHz

Band: 48 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
64QAM	3557.5	1	0	19.31	1.00	20.31	<=23	Pass
			38	19.53	1.00	20.53	<=23	Pass
			74	19.77	1.00	20.77	<=23	Pass
		36	0	18.26	1.00	19.26	<=23	Pass
			18	18.31	1.00	19.31	<=23	Pass
			39	18.43	1.00	19.43	<=23	Pass
		75	0	17.05	1.00	18.05	<=23	Pass
	3625	1	0	20.30	1.00	21.30	<=23	Pass
			38	21.16	1.00	22.16	<=23	Pass
			74	20.52	1.00	21.52	<=23	Pass
		36	0	19.03	1.00	20.03	<=23	Pass

			18	20.52	1.00	21.52	<=23	Pass
			39	19.62	1.00	20.62	<=23	Pass
		75	0	17.91	1.00	18.91	<=23	Pass
	3692.5	1	0	19.40	1.00	20.40	<=23	Pass
			38	20.18	1.00	21.18	<=23	Pass
			74	19.88	1.00	20.88	<=23	Pass
		36	0	17.79	1.00	18.79	<=23	Pass
			18	18.55	1.00	19.55	<=23	Pass
			39	19.76	1.00	20.76	<=23	Pass
		75	0	17.86	1.00	18.86	<=23	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15								

1.1.7 B48_20MHz_EIRP

Band: 48 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
64QAM	3560	1	0	20.27	1.00	21.27	/	Pass
			50	19.98	1.00	20.98	/	Pass
			99	20.14	1.00	21.14	/	Pass
		50	0	19.15	1.00	20.15	/	Pass
			25	19.19	1.00	20.19	/	Pass
			50	19.25	1.00	20.25	/	Pass
		100	0	19.27	1.00	20.27	/	Pass
	3625	1	0	20.91	1.00	21.91	/	Pass
			50	20.48	1.00	21.48	/	Pass
			99	20.71	1.00	21.71	/	Pass
		50	0	19.97	1.00	20.97	/	Pass
			25	20.01	1.00	21.01	/	Pass
			50	19.98	1.00	20.98	/	Pass
		100	0	19.92	1.00	20.92	/	Pass
	3690	1	0	20.88	1.00	21.88	/	Pass
			50	20.92	1.00	21.92	/	Pass
			99	21.00	1.00	22.00	/	Pass
		50	0	20.20	1.00	21.20	/	Pass
			25	20.22	1.00	21.22	/	Pass
			50	20.14	1.00	21.14	/	Pass
		100	0	20.11	1.00	21.11	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.8 B48_20MHz_EIRP/10MHz

Band: 48 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
64QAM	3560	1	0	19.58	1.00	20.58	<=23	Pass
			50	19.65	1.00	20.65	<=23	Pass
			99	20.17	1.00	21.17	<=23	Pass
		50	0	18.51	1.00	19.51	<=23	Pass
			25	18.68	1.00	19.68	<=23	Pass
			50	18.68	1.00	19.68	<=23	Pass
		100	0	16.22	1.00	17.22	<=23	Pass
	3625	1	0	19.61	1.00	20.61	<=23	Pass

			50	20.73	1.00	21.73	<=23	Pass
			99	19.50	1.00	20.50	<=23	Pass
		50	0	18.96	1.00	19.96	<=23	Pass
			25	19.30	1.00	20.30	<=23	Pass
			50	18.69	1.00	19.69	<=23	Pass
		100	0	15.81	1.00	16.81	<=23	Pass
	3690	1	0	18.40	1.00	19.40	<=23	Pass
			50	17.72	1.00	18.72	<=23	Pass
			99	18.30	1.00	19.30	<=23	Pass
		50	0	18.74	1.00	19.74	<=23	Pass
			25	18.03	1.00	19.03	<=23	Pass
			50	17.37	1.00	18.37	<=23	Pass
		100	0	15.40	1.00	16.40	<=23	Pass
		Note1: EIRP/10MHz=Conducted Power+Antenna Gain-2.15						

2. Frequency Stability

2.1 Test Result

2.1.1 B48_5MHz

Band: 48 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	3552.5	25	0	20	3.27	-6.566	-0.0018	-2.5 to 2.5	Pass
					3.85	-1.802	-0.0005	-2.5 to 2.5	Pass
					4.43	-0.572	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	3.018	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-4.606	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-1.945	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-3.476	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.472	-0.0001	-2.5 to 2.5	Pass
				30	3.85	3.705	0.0010	-2.5 to 2.5	Pass
				40	3.85	0.558	0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.730	-0.0002	-2.5 to 2.5	Pass
	3625	25	0	20	3.27	2.990	0.0008	-2.5 to 2.5	Pass
					3.85	1.144	0.0003	-2.5 to 2.5	Pass
					4.43	6.437	0.0018	-2.5 to 2.5	Pass
				-30	3.85	6.623	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.187	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.944	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-4.635	-0.0013	-2.5 to 2.5	Pass
				10	3.85	0.157	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				40	3.85	-4.005	-0.0011	-2.5 to 2.5	Pass
				50	3.85	1.116	0.0003	-2.5 to 2.5	Pass
	3697.5	25	0	20	3.27	3.433	0.0009	-2.5 to 2.5	Pass
					3.85	0.257	0.0001	-2.5 to 2.5	Pass
					4.43	0.114	0.0000	-2.5 to 2.5	Pass
				-30	3.85	2.403	0.0006	-2.5 to 2.5	Pass
				-20	3.85	5.479	0.0015	-2.5 to 2.5	Pass
				-10	3.85	1.259	0.0003	-2.5 to 2.5	Pass
				0	3.85	2.289	0.0006	-2.5 to 2.5	Pass
				10	3.85	2.460	0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.372	-0.0001	-2.5 to 2.5	Pass
				40	3.85	3.333	0.0009	-2.5 to 2.5	Pass
				50	3.85	4.463	0.0012	-2.5 to 2.5	Pass

2.1.2 B48_10MHz

Band: 48 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	3555	50	0	20	3.27	-4.334	-0.0012	-2.5 to 2.5	Pass
					3.85	2.589	0.0007	-2.5 to 2.5	Pass
					4.43	-2.303	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.401	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.502	-0.0004	-2.5 to 2.5	Pass

				0	3.85	0.701	0.0002	-2.5 to 2.5	Pass
				10	3.85	-2.160	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.187	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-2.103	-0.0006	-2.5 to 2.5	Pass
				50	3.85	0.916	0.0003	-2.5 to 2.5	Pass
	3625	50	0	20	3.27	-1.144	-0.0003	-2.5 to 2.5	Pass
					3.85	0.916	0.0003	-2.5 to 2.5	Pass
					4.43	0.687	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-3.448	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.602	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-3.004	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.529	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.974	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-2.260	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.788	-0.0005	-2.5 to 2.5	Pass
				50	3.85	1.917	0.0005	-2.5 to 2.5	Pass
	3695	50	0	20	3.27	-2.503	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.615	-0.0002	-2.5 to 2.5	Pass
					4.43	-2.289	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-1.016	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-1.059	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.658	0.0002	-2.5 to 2.5	Pass
				0	3.85	2.446	0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.758	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.760	-0.0005	-2.5 to 2.5	Pass
				40	3.85	2.832	0.0008	-2.5 to 2.5	Pass
				50	3.85	-2.890	-0.0008	-2.5 to 2.5	Pass

2.1.3 B48_15MHz

Band: 48 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	3557.5	75	0	20	3.27	1.159	0.0003	-2.5 to 2.5	Pass
					3.85	-4.406	-0.0012	-2.5 to 2.5	Pass
					4.43	-4.392	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	0.987	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-2.217	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.901	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.731	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-2.747	-0.0008	-2.5 to 2.5	Pass
				50	3.85	0.529	0.0001	-2.5 to 2.5	Pass
	3625	75	0	20	3.27	-1.044	-0.0003	-2.5 to 2.5	Pass
					3.85	1.245	0.0003	-2.5 to 2.5	Pass
					4.43	-2.689	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-4.363	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-0.157	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.873	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.944	0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.887	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.401	0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.516	-0.0004	-2.5 to 2.5	Pass
				50	3.85	1.974	0.0005	-2.5 to 2.5	Pass

	3692.5	75	0	20	3.27	2.561	0.0007	-2.5 to 2.5	Pass
					3.85	-0.815	-0.0002	-2.5 to 2.5	Pass
					4.43	-1.044	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.931	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-3.734	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.130	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-1.616	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-2.003	-0.0005	-2.5 to 2.5	Pass
				30	3.85	3.276	0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.588	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.445	-0.0004	-2.5 to 2.5	Pass

2.1.4 B48_20MHz

Band: 48 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
64QAM	3560	100	0	20	3.27	-7.010	-0.0020	-2.5 to 2.5	Pass
					3.85	-0.315	-0.0001	-2.5 to 2.5	Pass
					4.43	0.815	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-4.034	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-5.364	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.818	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-4.392	-0.0012	-2.5 to 2.5	Pass
				30	3.85	0.458	0.0001	-2.5 to 2.5	Pass
				40	3.85	0.515	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.772	-0.0002	-2.5 to 2.5	Pass
	3625	100	0	20	3.27	-0.787	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.300	-0.0001	-2.5 to 2.5	Pass
					4.43	0.100	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.658	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-1.459	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.187	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.502	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.644	-0.0002	-2.5 to 2.5	Pass
				40	3.85	1.516	0.0004	-2.5 to 2.5	Pass
				50	3.85	-2.232	-0.0006	-2.5 to 2.5	Pass
	3690	100	0	20	3.27	-4.306	-0.0012	-2.5 to 2.5	Pass
					3.85	-3.090	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.631	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-3.777	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.815	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.973	-0.0003	-2.5 to 2.5	Pass
				0	3.85	0.758	0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.358	-0.0001	-2.5 to 2.5	Pass
				30	3.85	0.615	0.0002	-2.5 to 2.5	Pass
				40	3.85	-1.316	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.687	-0.0002	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band48_OBW

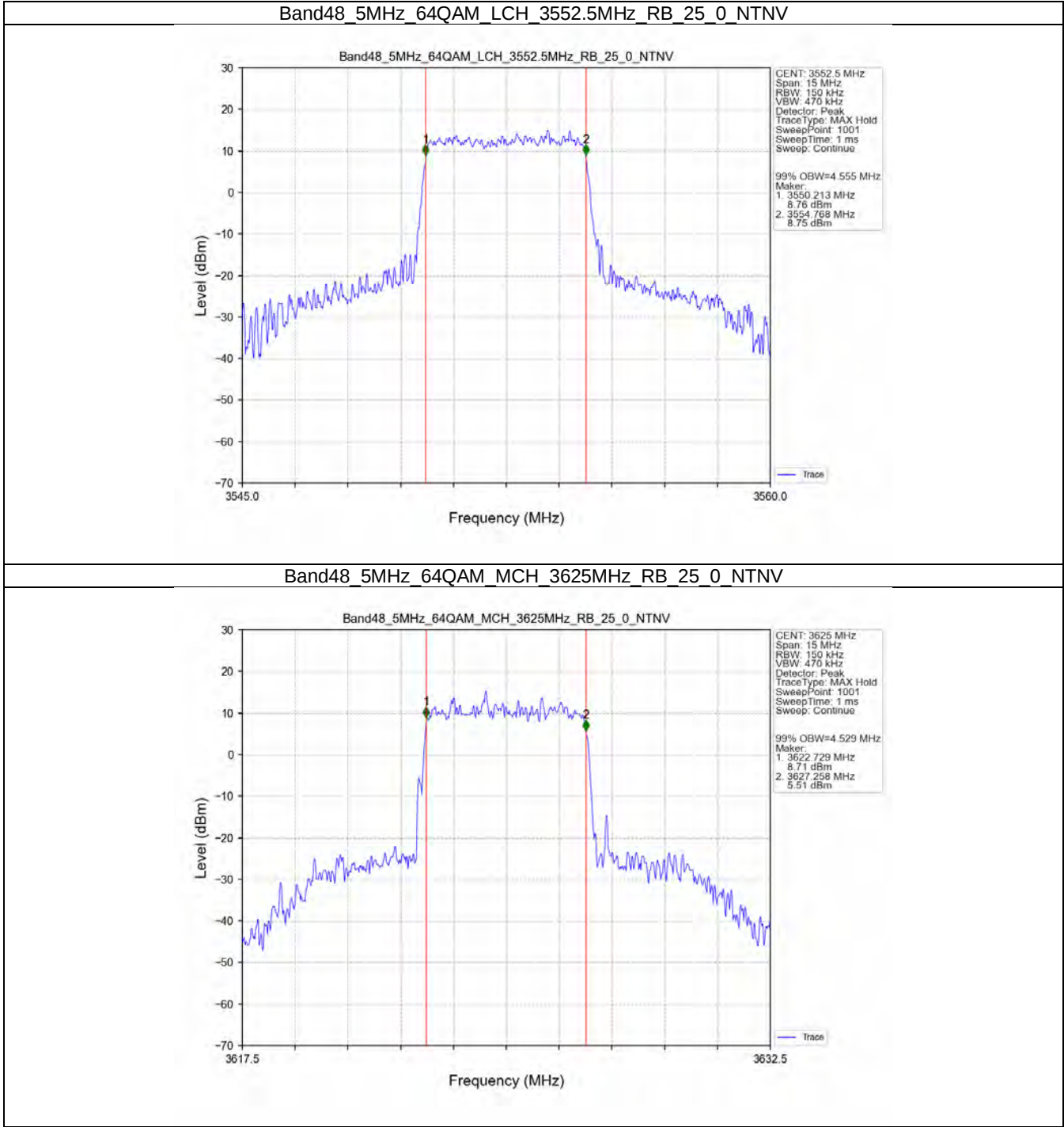
Band: 48 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	64QAM	3552.5	25	0	4.555	/	Pass
		3625	25	0	4.529	/	Pass
		3697.5	25	0	4.550	/	Pass
10	64QAM	3555	50	0	9.071	/	Pass
		3625	50	0	9.042	/	Pass
		3695	50	0	9.080	/	Pass
15	64QAM	3557.5	75	0	13.568	/	Pass
		3625	75	0	13.490	/	Pass
		3692.5	75	0	13.495	/	Pass
20	64QAM	3560	100	0	18.020	/	Pass
		3625	100	0	18.046	/	Pass
		3690	100	0	18.032	/	Pass

3.1.2 Band48_XDB

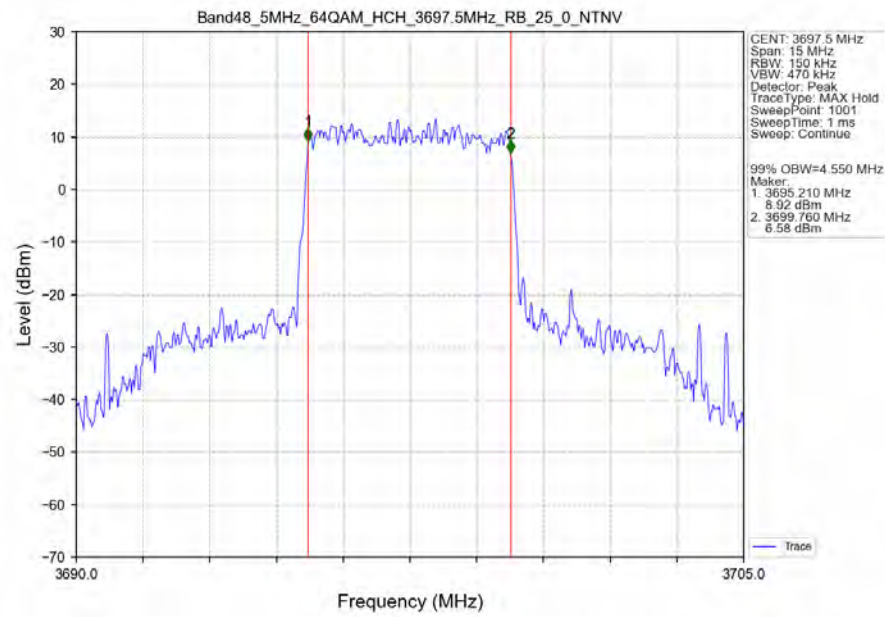
Band: 48 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	64QAM	3552.5	25	0	5.065	/	Pass
		3625	25	0	4.949	/	Pass
		3697.5	25	0	4.907	/	Pass
10	64QAM	3555	50	0	9.923	/	Pass
		3625	50	0	9.805	/	Pass
		3695	50	0	9.731	/	Pass
15	64QAM	3557.5	75	0	15.020	/	Pass
		3625	75	0	14.750	/	Pass
		3692.5	75	0	14.723	/	Pass
20	64QAM	3560	100	0	19.733	/	Pass
		3625	100	0	19.355	/	Pass
		3690	100	0	19.346	/	Pass

3.2 Test Graph

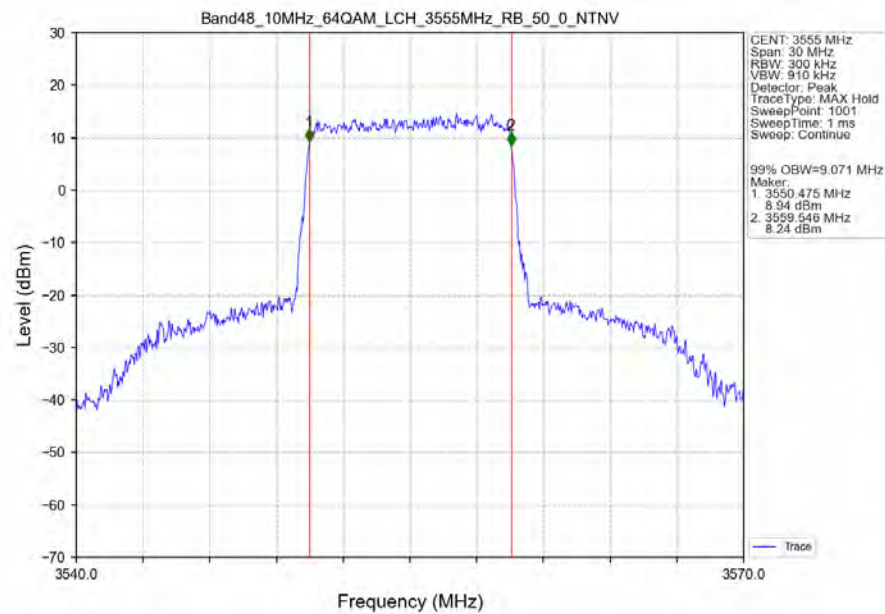
3.2.1 Band48_OBW



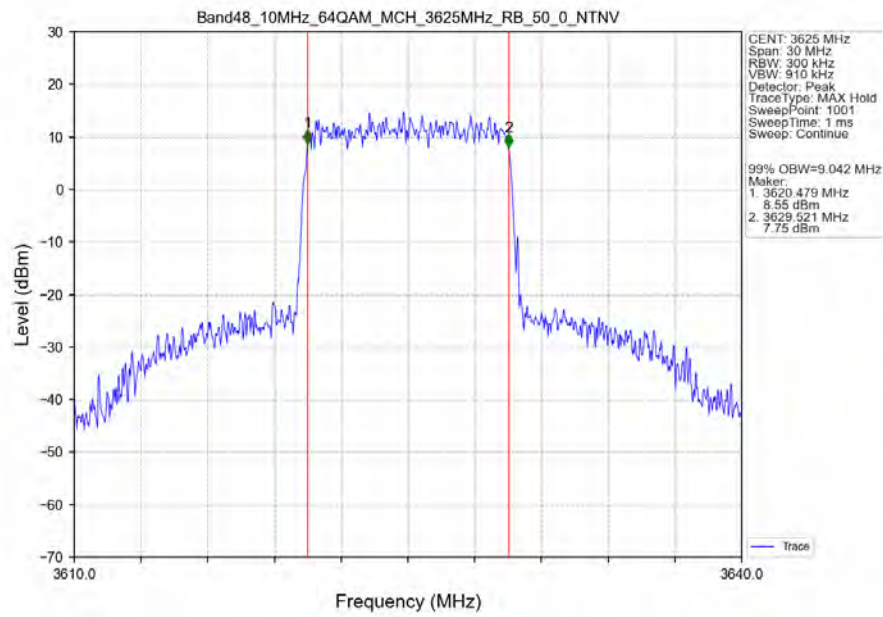
Band48_5MHz_64QAM_HCH_3697.5MHz_RB_25_0_NTNV



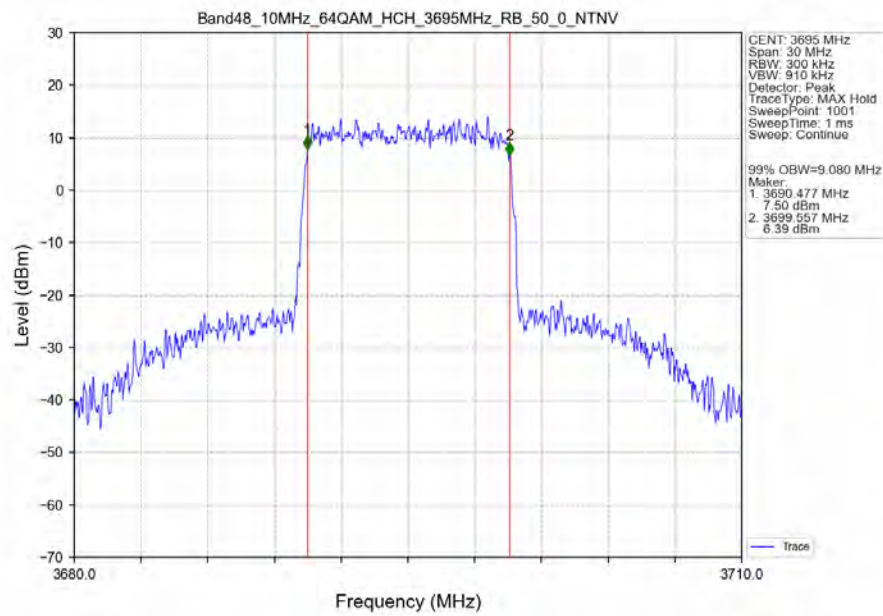
Band48_10MHz_64QAM_LCH_3555MHz_RB_50_0_NTNV



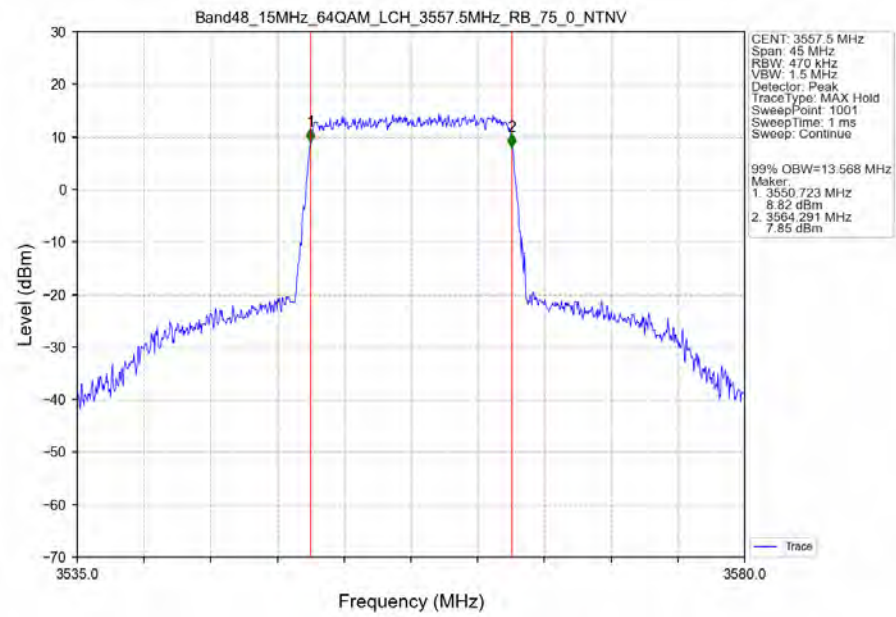
Band48_10MHz_64QAM_MCH_3625MHz_RB_50_0_NTNV



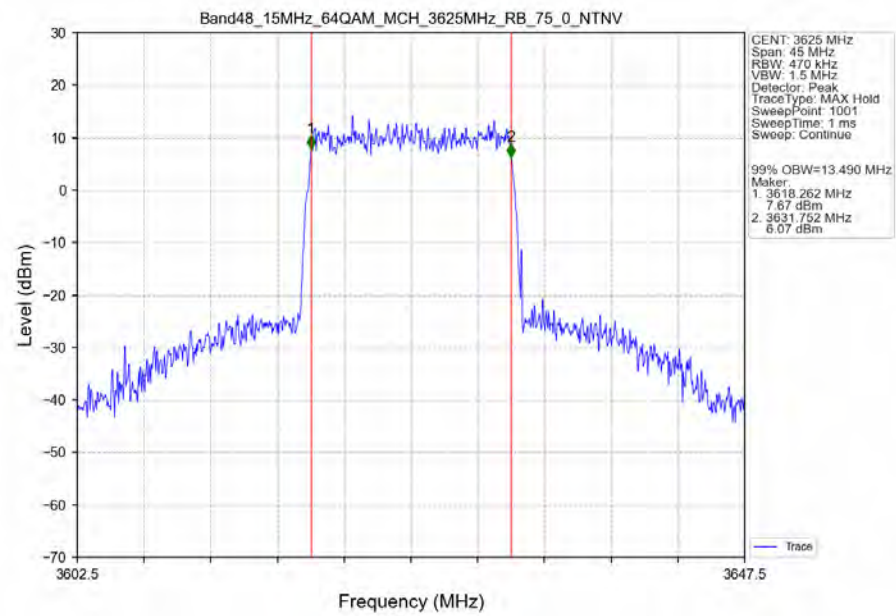
Band48_10MHz_64QAM_HCH_3695MHz_RB_50_0_NTNV



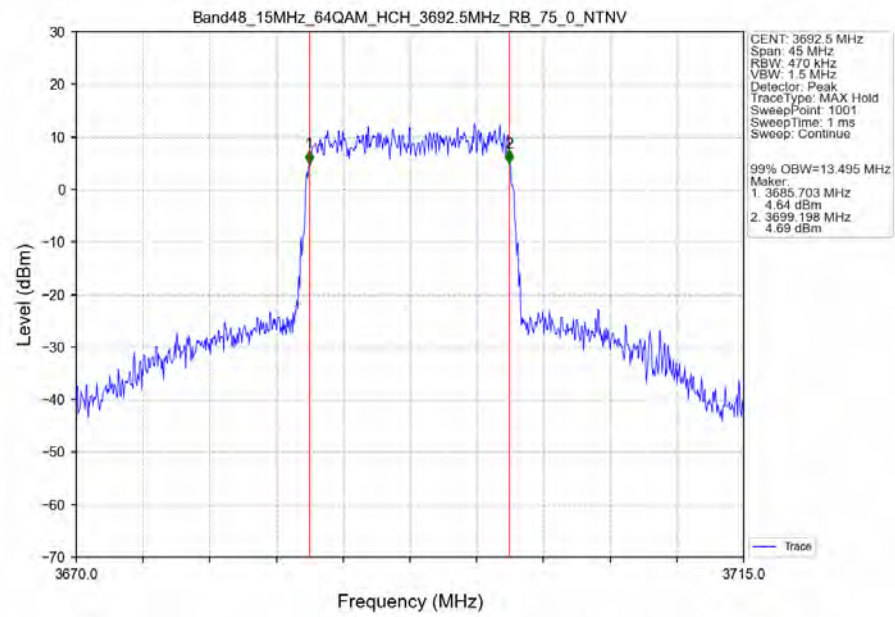
Band48_15MHz_64QAM_LCH_3557.5MHz_RB_75_0_NTNV



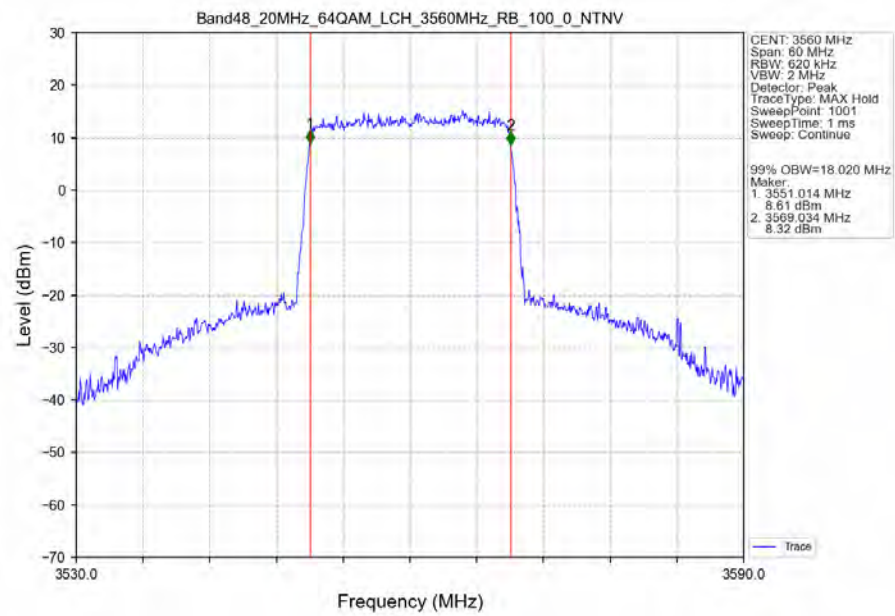
Band48_15MHz_64QAM_MCH_3625MHz_RB_75_0_NTNV



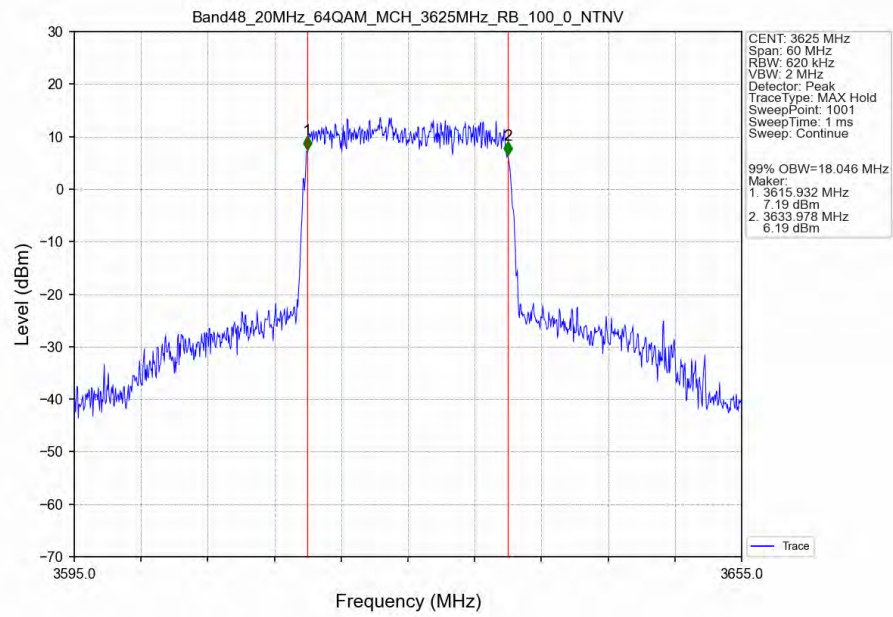
Band48_15MHz_64QAM_HCH_3692.5MHz_RB_75_0_NTNV



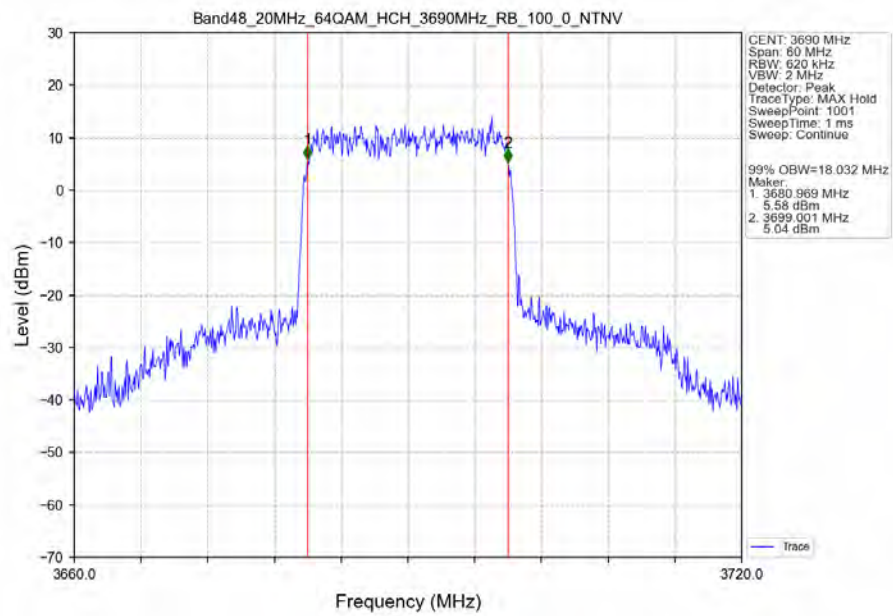
Band48_20MHz_64QAM_LCH_3560MHz_RB_100_0_NTNV



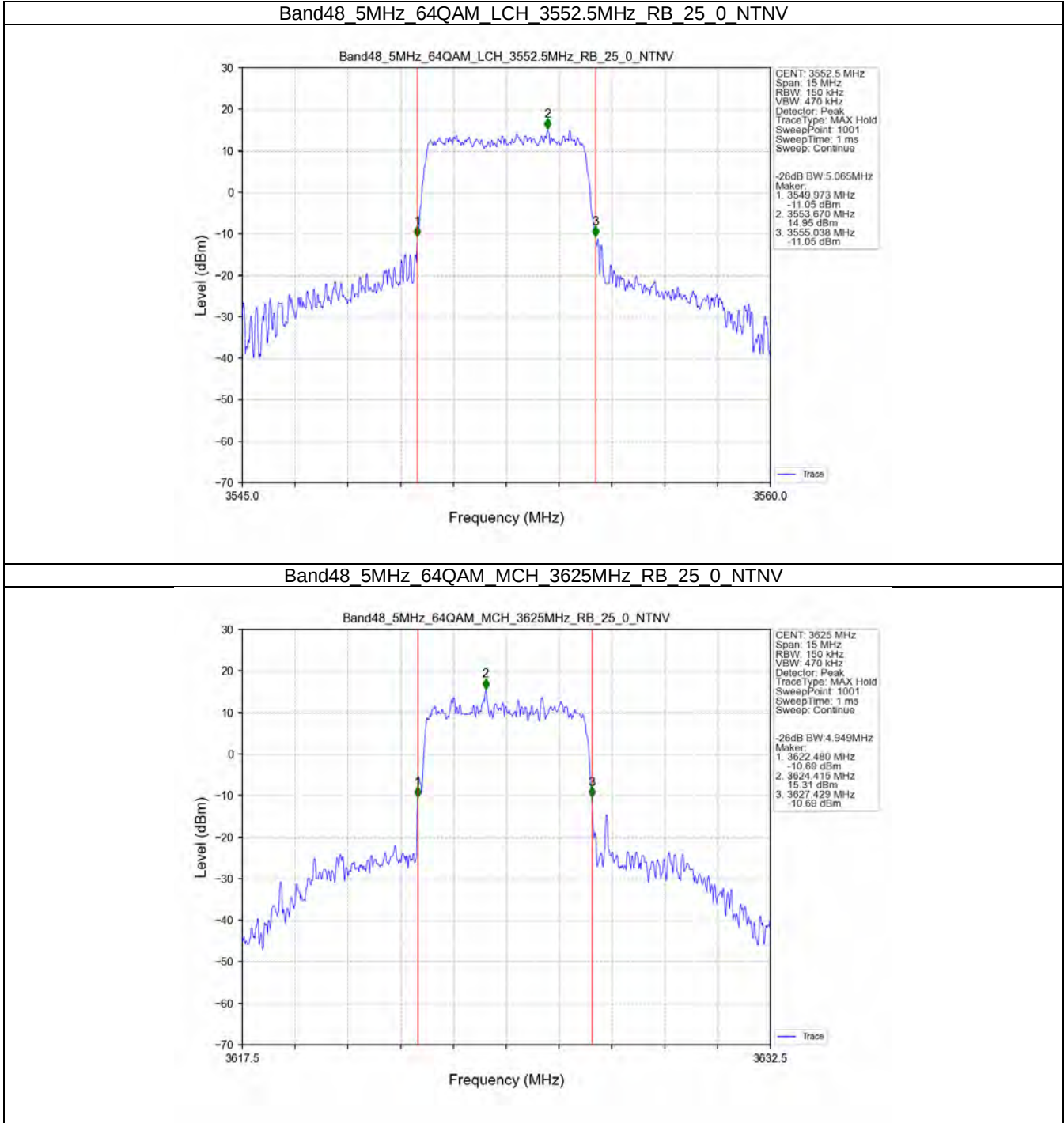
Band48_20MHz_64QAM_MCH_3625MHz_RB_100_0_NTNV



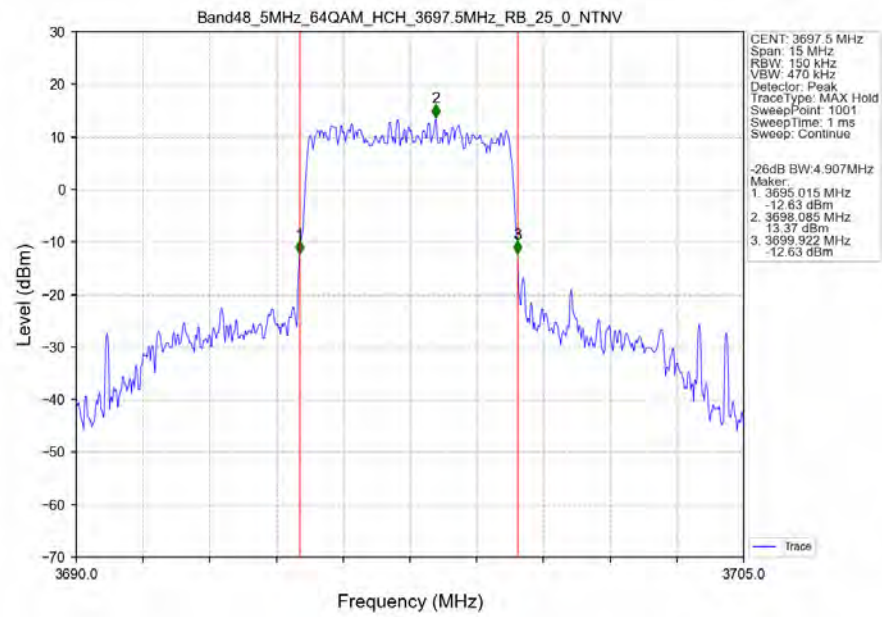
Band48_20MHz_64QAM_HCH_3690MHz_RB_100_0_NTNV



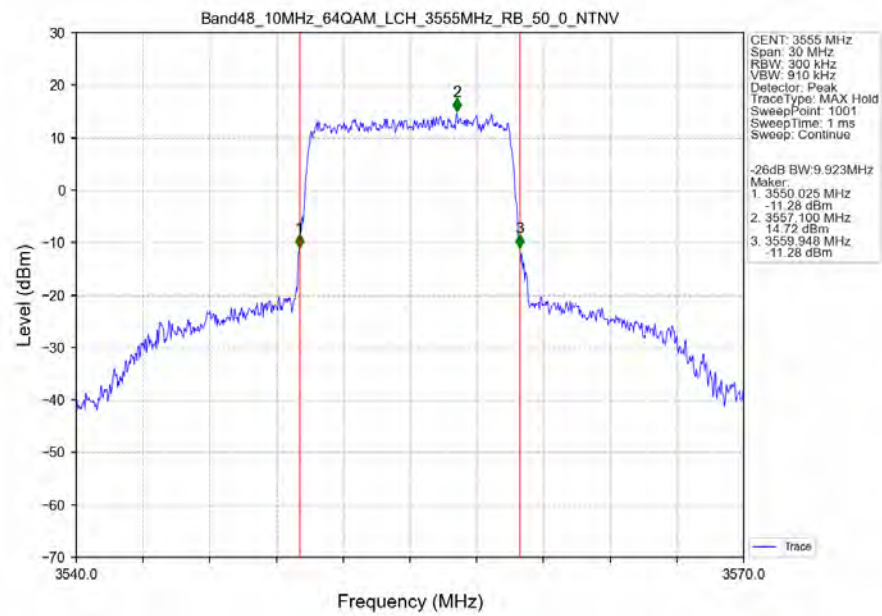
3.2.2 Band48_XDB



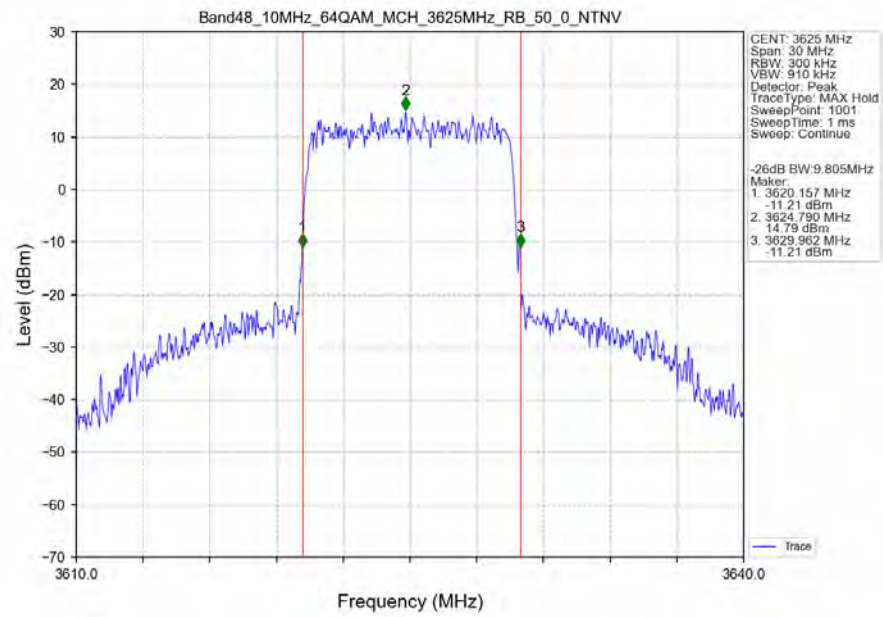
Band48_5MHz_64QAM_HCH_3697.5MHz_RB_25_0_NTNV



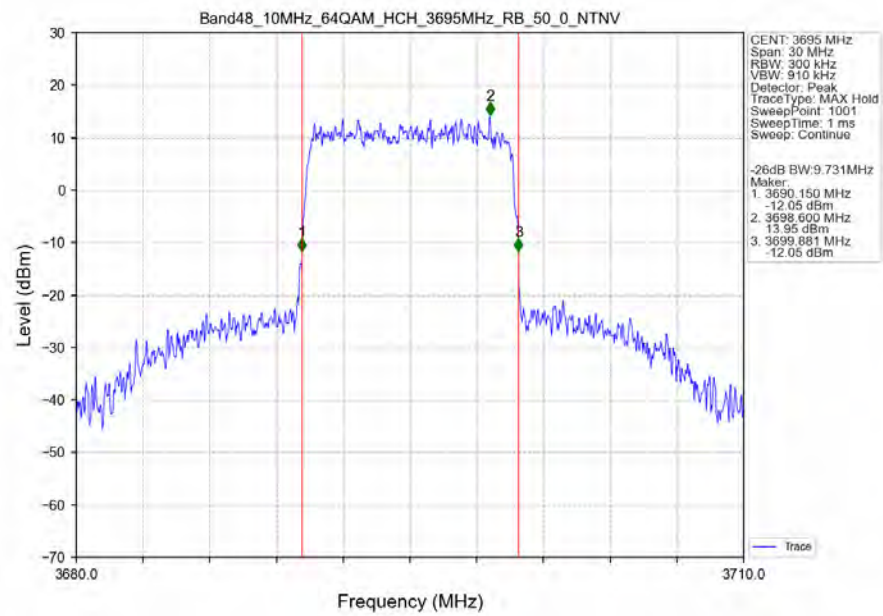
Band48_10MHz_64QAM_LCH_3555MHz_RB_50_0_NTNV



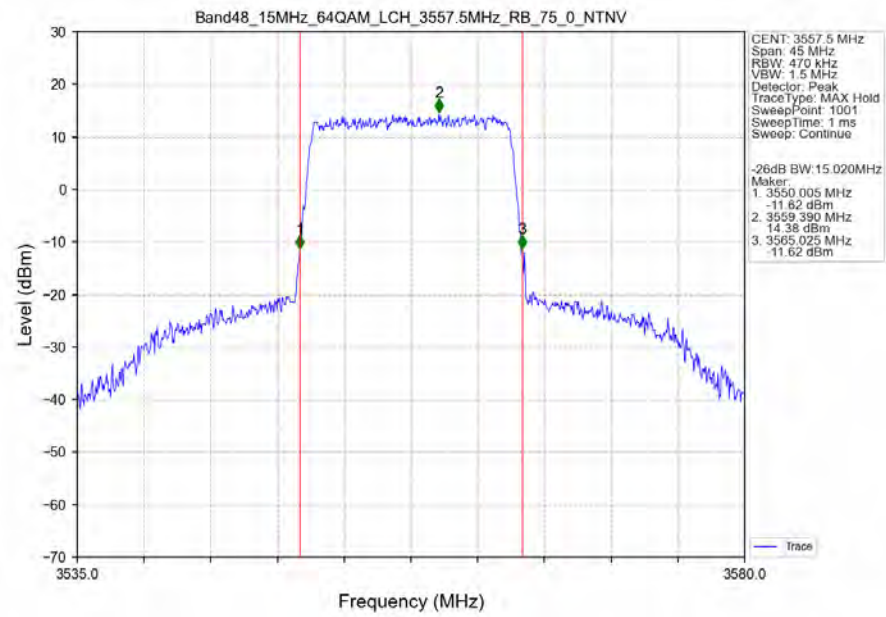
Band48_10MHz_64QAM_MCH_3625MHz_RB_50_0_NTNV



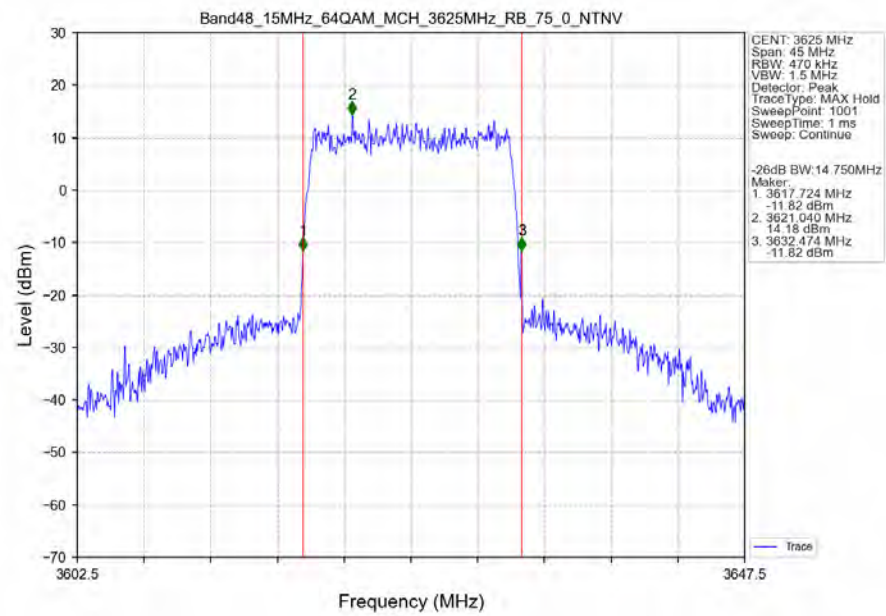
Band48_10MHz_64QAM_HCH_3695MHz_RB_50_0_NTNV



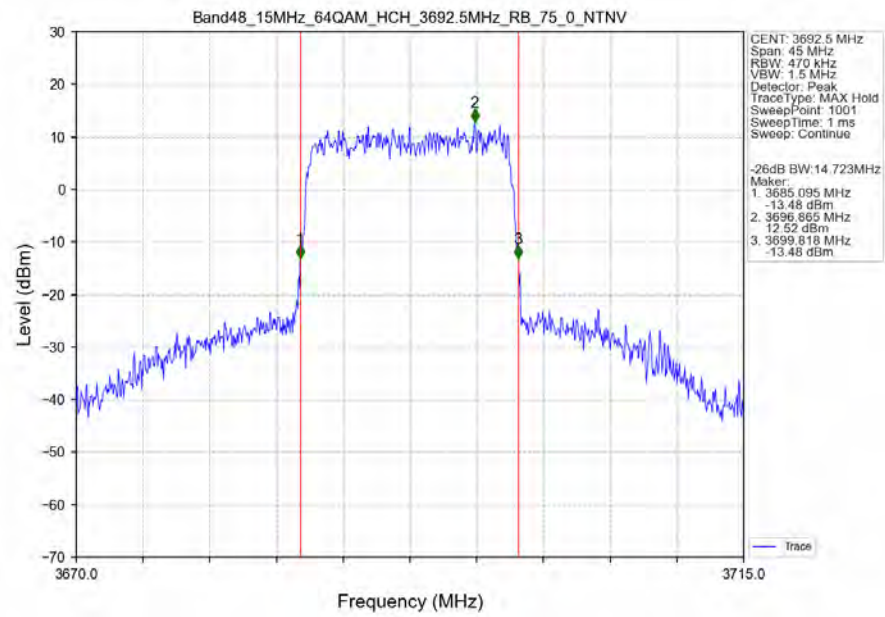
Band48_15MHz_64QAM_LCH_3557.5MHz_RB_75_0_NTNV



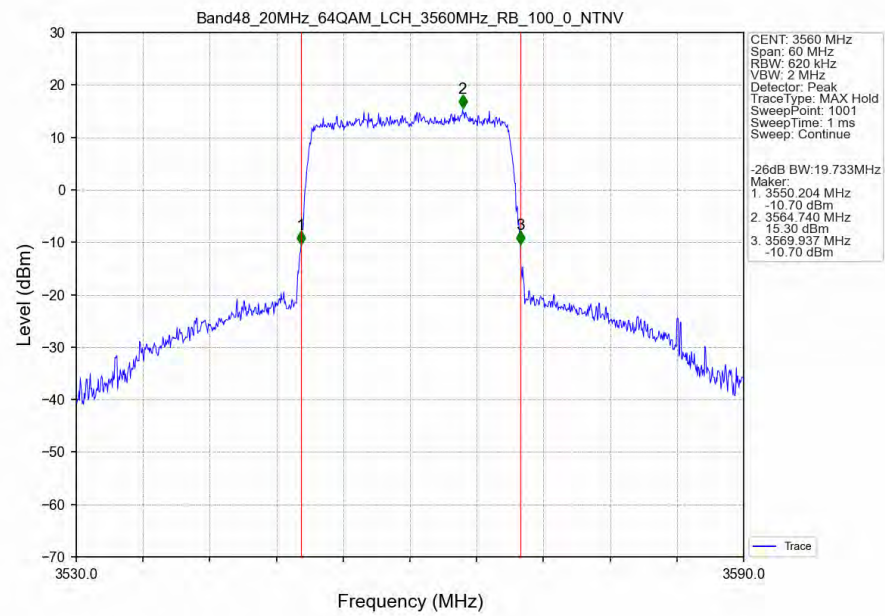
Band48_15MHz_64QAM_MCH_3625MHz_RB_75_0_NTNV



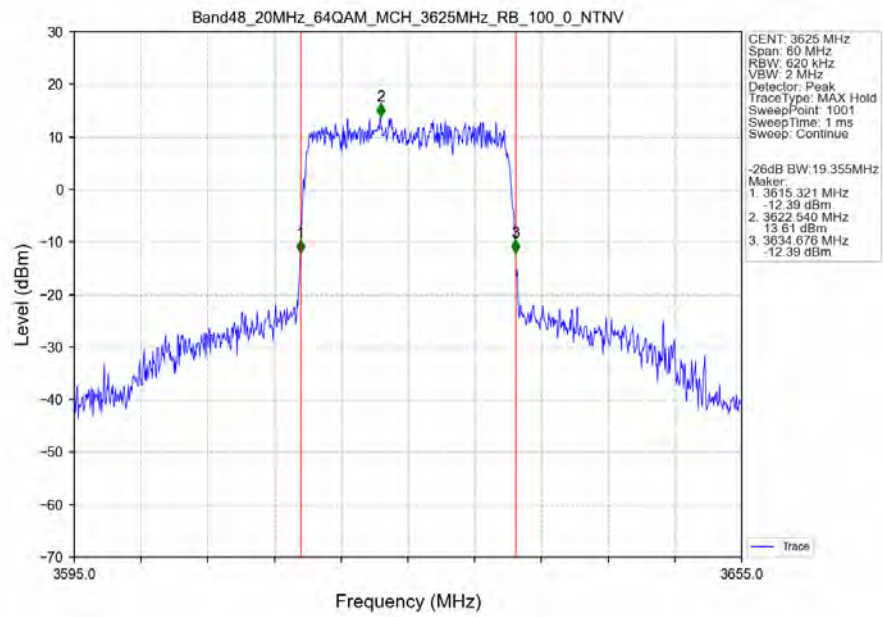
Band48_15MHz_64QAM_HCH_3692.5MHz_RB_75_0_NTNV



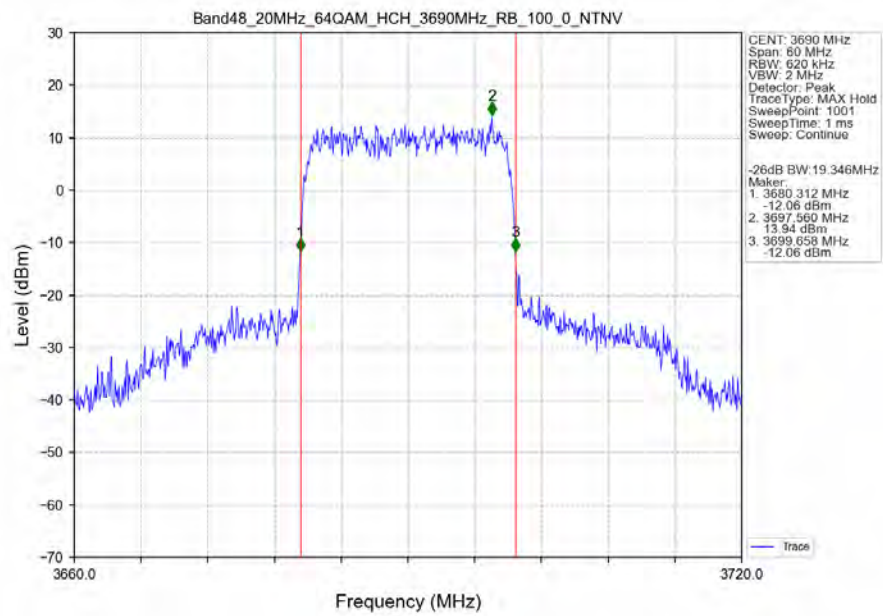
Band48_20MHz_64QAM_LCH_3560MHz_RB_100_0_NTNV



Band48_20MHz_64QAM_MCH_3625MHz_RB_100_0_NTNV



Band48_20MHz_64QAM_HCH_3690MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B48_5MHz

Band: 48 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	3552.5	25	0	8.95	<=13	Pass
	3625	25	0	9.01	<=13	Pass
	3697.5	25	0	8.92	<=13	Pass

4.1.2 B48_10MHz

Band: 48 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	3555	50	0	8.88	<=13	Pass
	3625	50	0	8.93	<=13	Pass
	3695	50	0	8.82	<=13	Pass

4.1.3 B48_15MHz

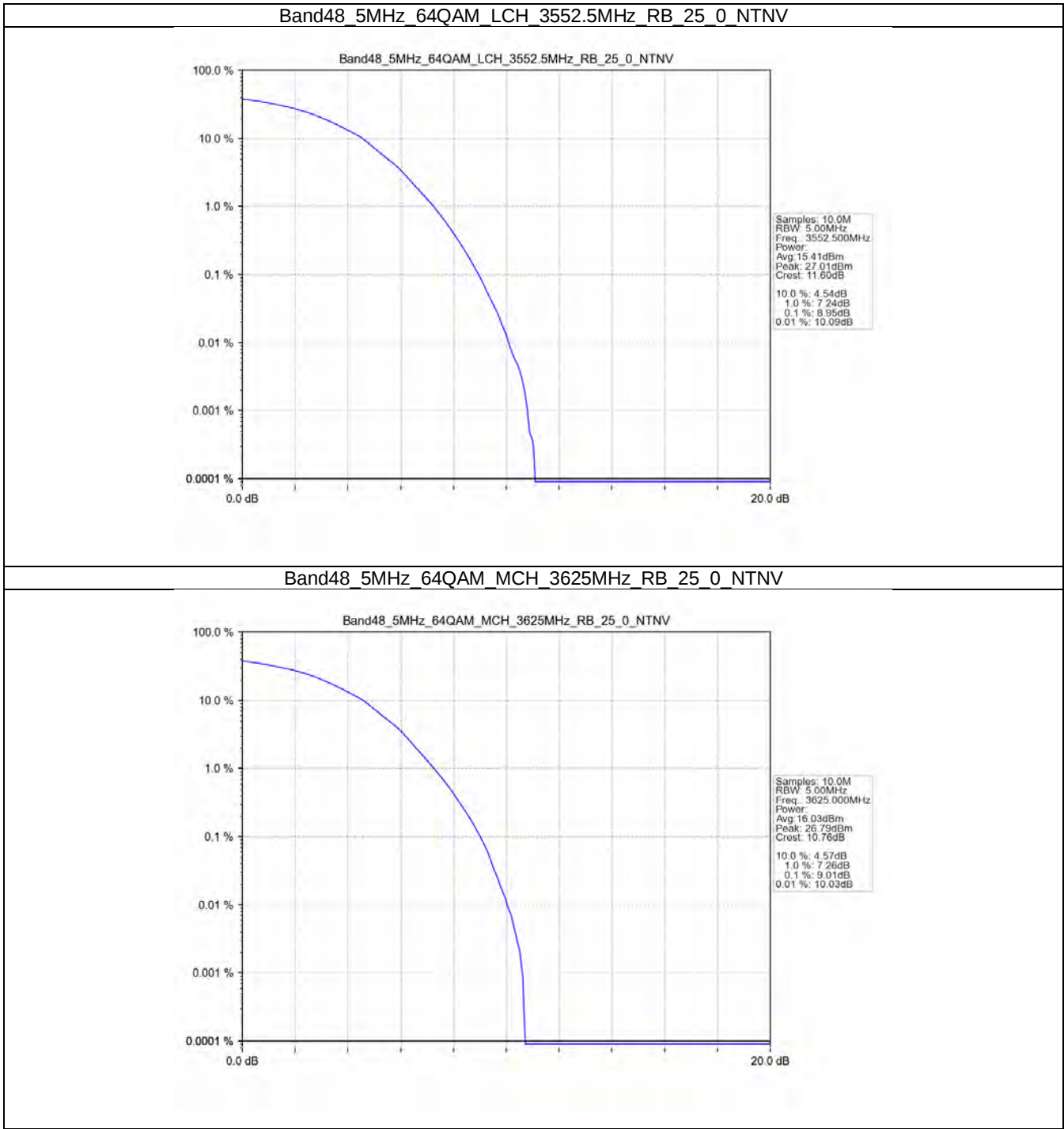
Band: 48 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	3557.5	75	0	8.98	<=13	Pass
	3625	75	0	8.74	<=13	Pass
	3692.5	75	0	8.64	<=13	Pass

4.1.4 B48_20MHz

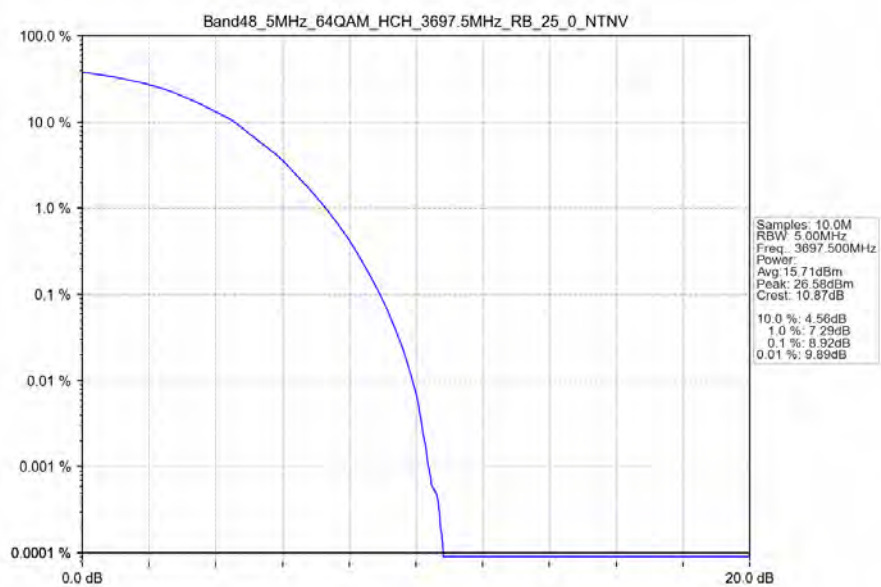
Band: 48 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
64QAM	3560	100	0	9.00	<=13	Pass
	3625	100	0	8.62	<=13	Pass
	3690	100	0	8.65	<=13	Pass

4.2 Test Graph

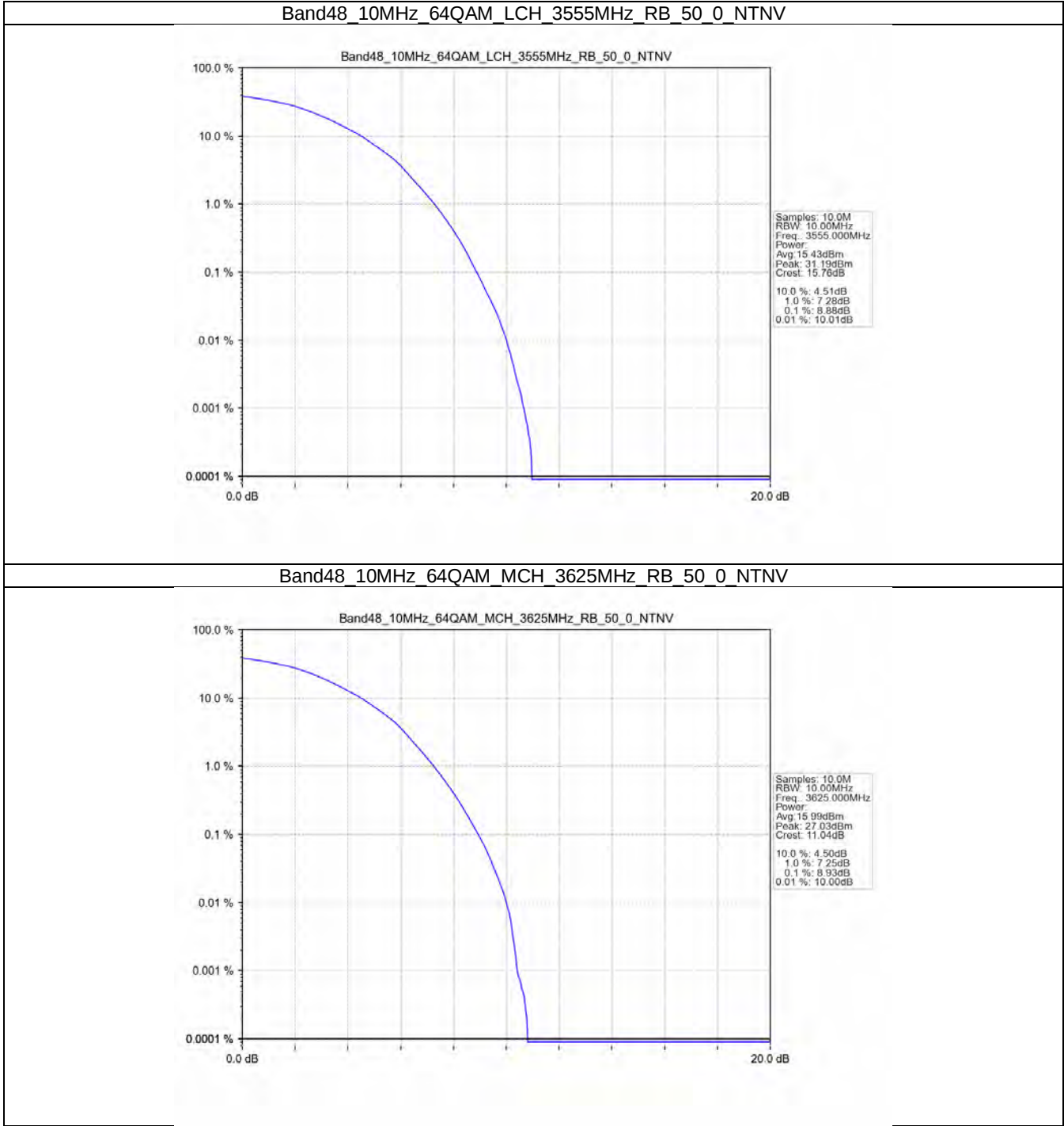
4.2.1 B48_5MHz



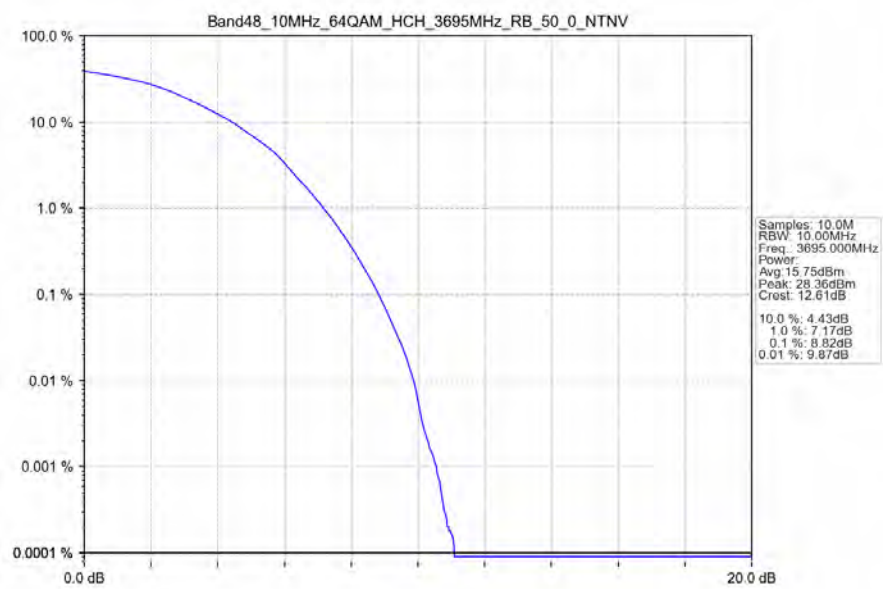
Band48_5MHz_64QAM_HCH_3697.5MHz_RB_25_0_NTNV



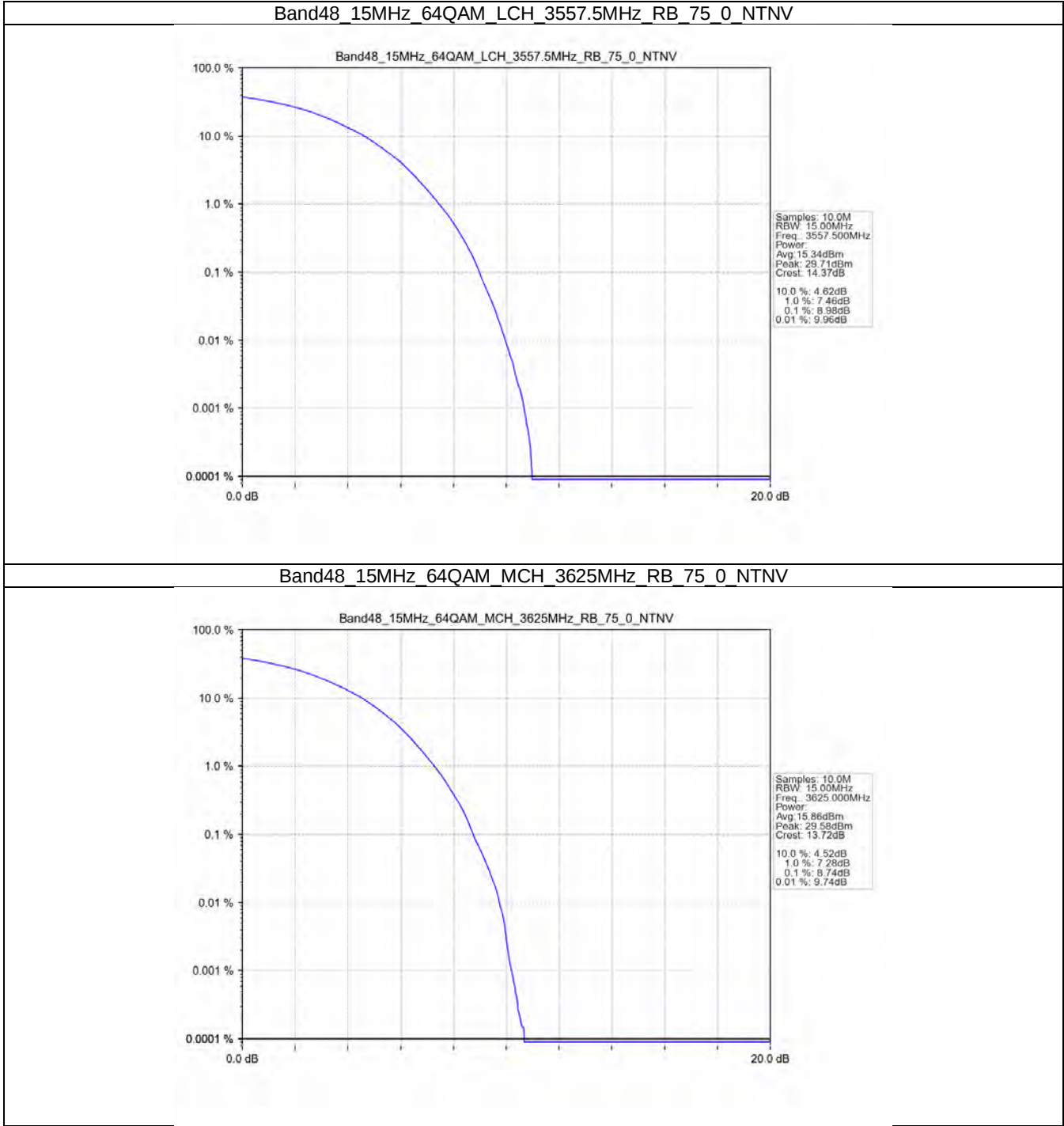
4.2.2 B48_10MHz



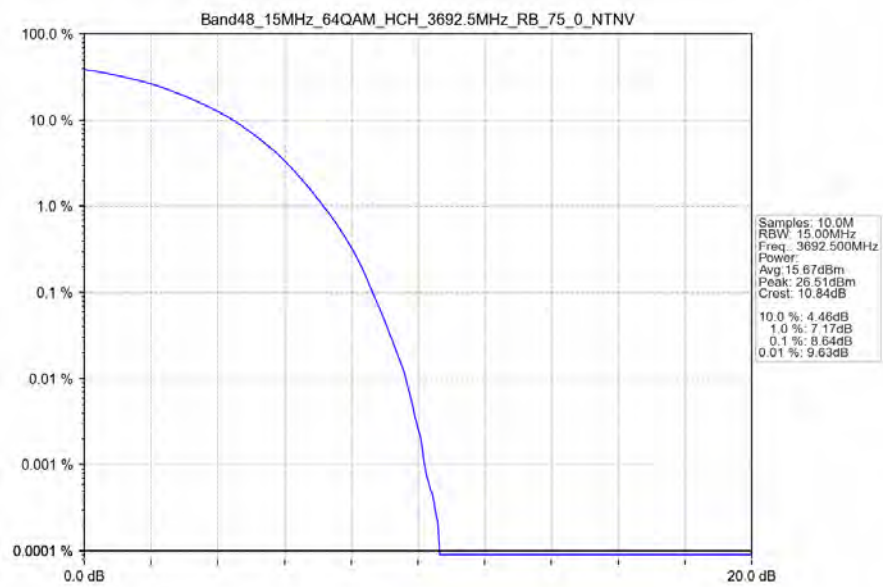
Band48 10MHz 64QAM HCH 3695MHz RB 50 0 NTN



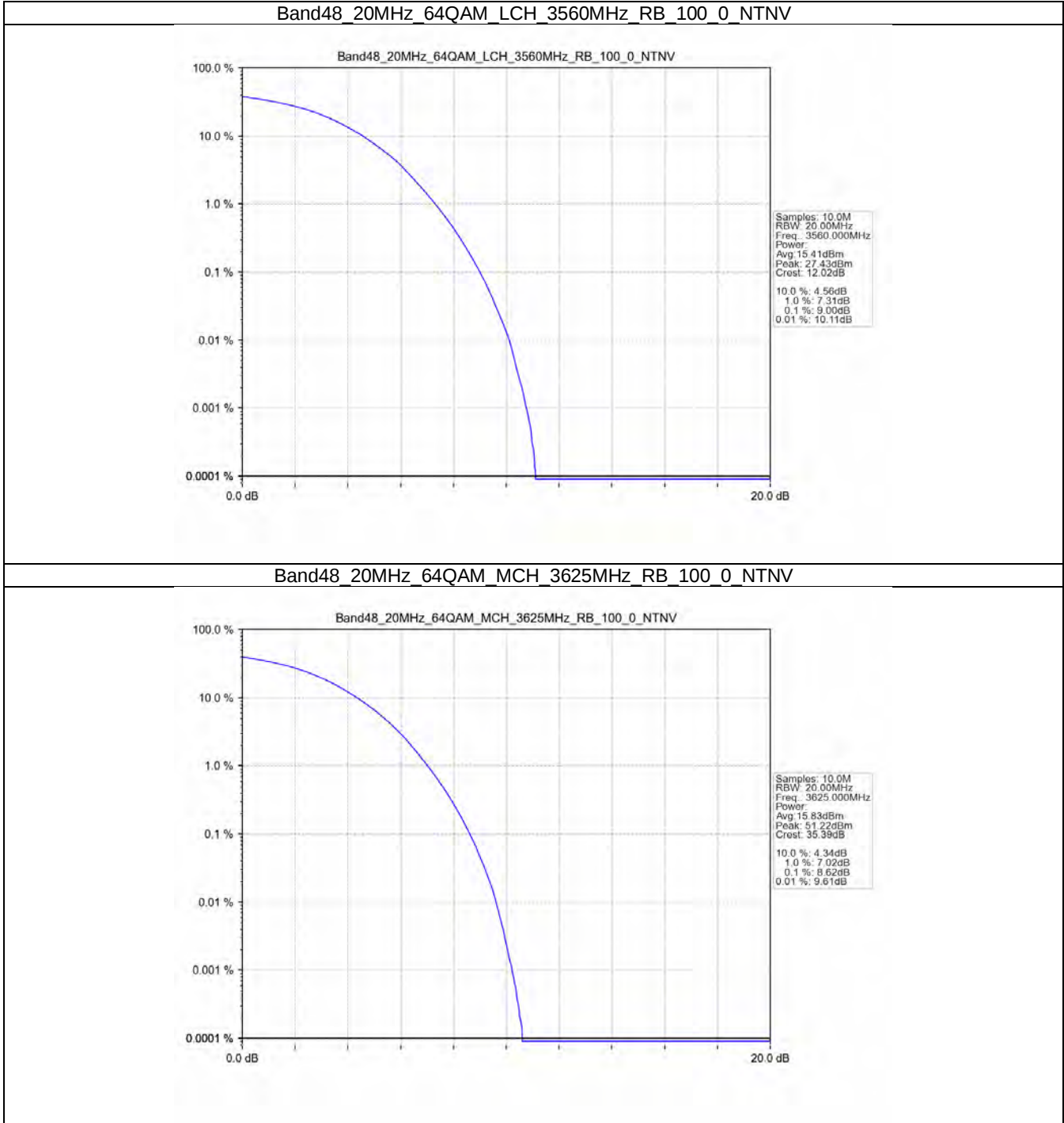
4.2.3 B48_15MHz



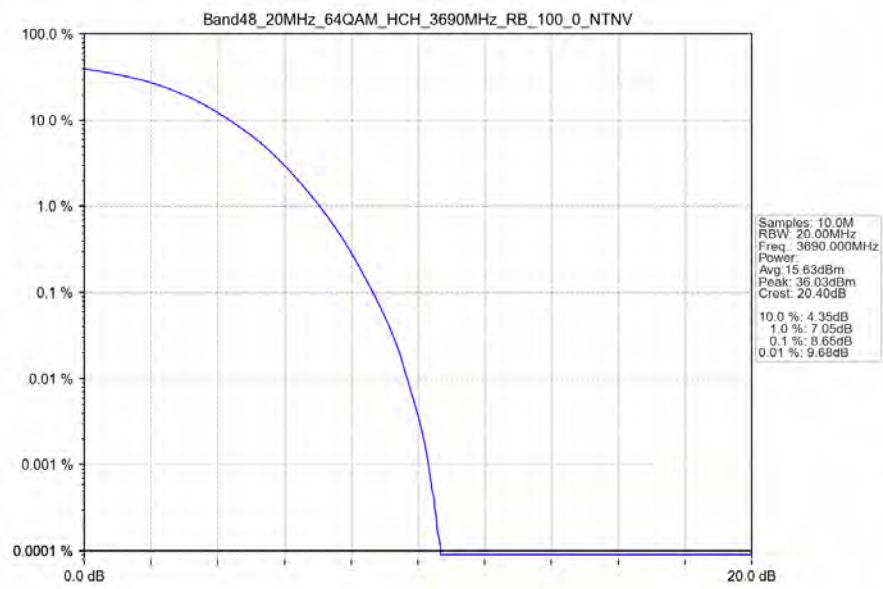
Band48_15MHz_64QAM_HCH_3692.5MHz_RB_75_0_NTNV



4.2.4 B48_20MHz



Band48_20MHz_64QAM_HCH_3690MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B48_5MHz

Band: 48 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
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

5.1.2 B48_10MHz

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

5.1.3 B48_15MHz

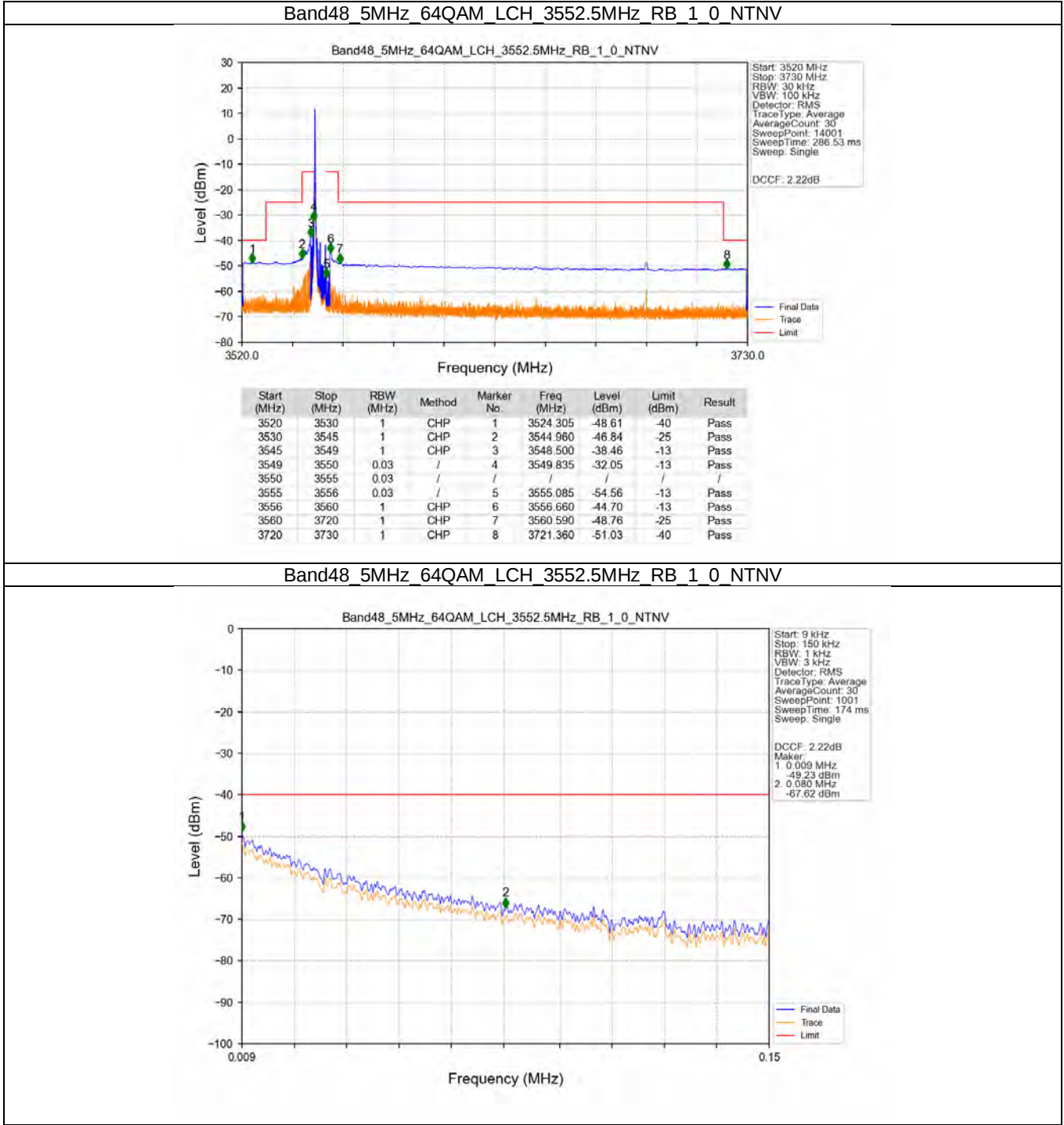
Band: 48 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
64QAM	3557.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			74	Refer To Test 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

5.1.4 B48_20MHz

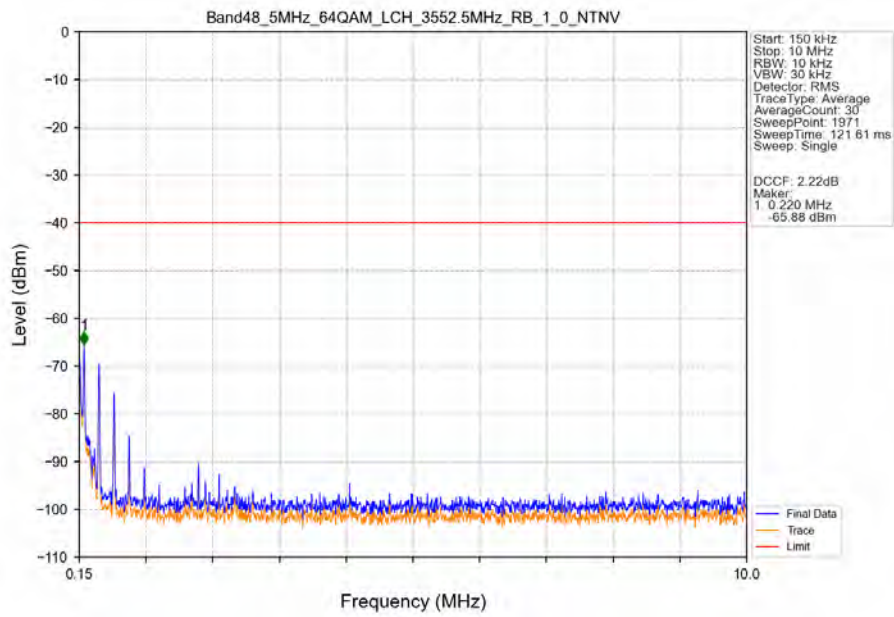
Band: 48 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
64QAM	3560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			99	Refer To Test 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

5.2 Test Graph

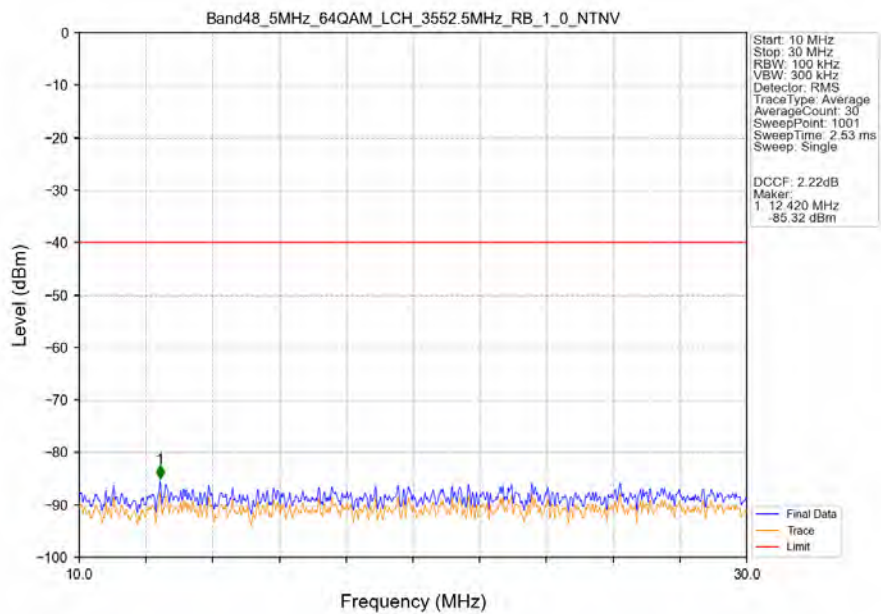
5.2.1 B48_5MHz



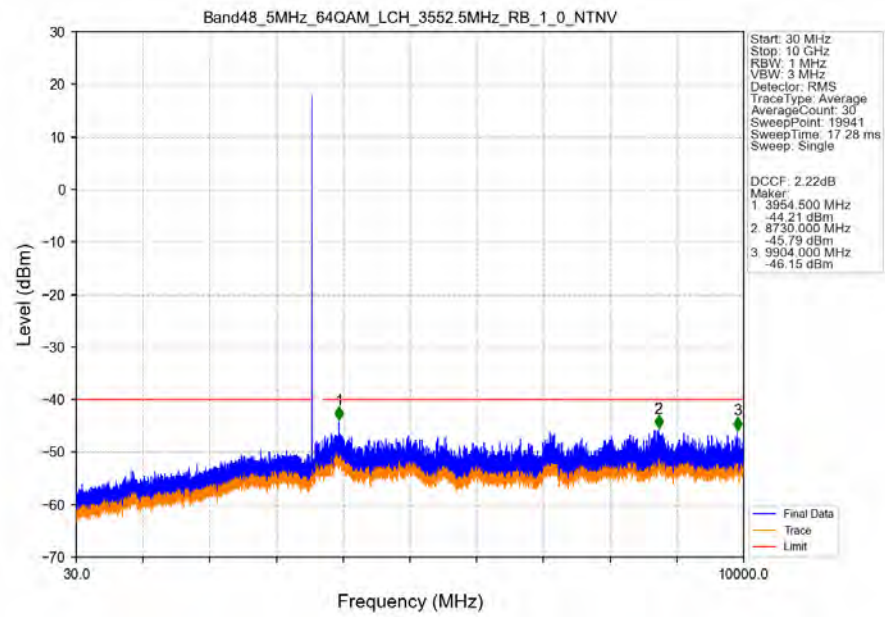
Band48_5MHz_64QAM_LCH_3552.5MHz_RB_1_0_NTNV



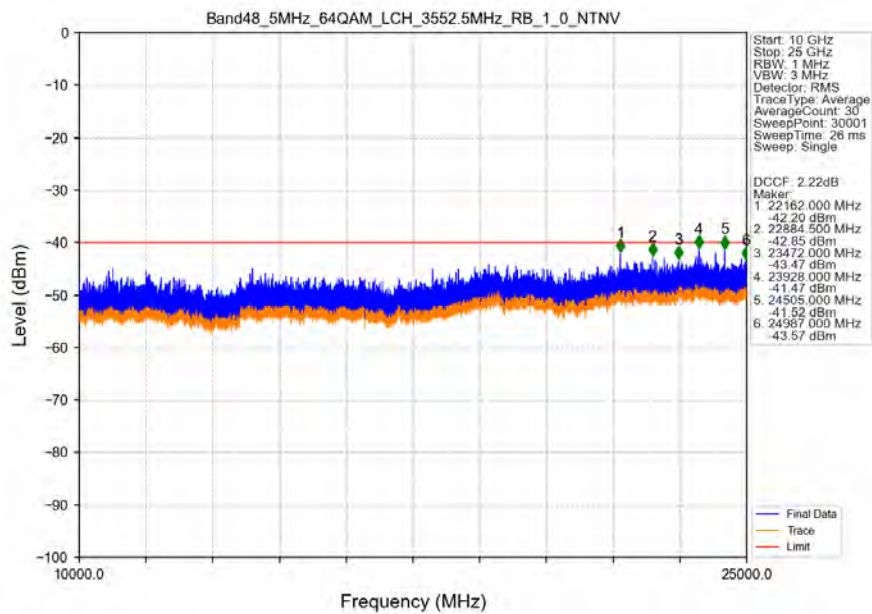
Band48_5MHz_64QAM_LCH_3552.5MHz_RB_1_0_NTNV



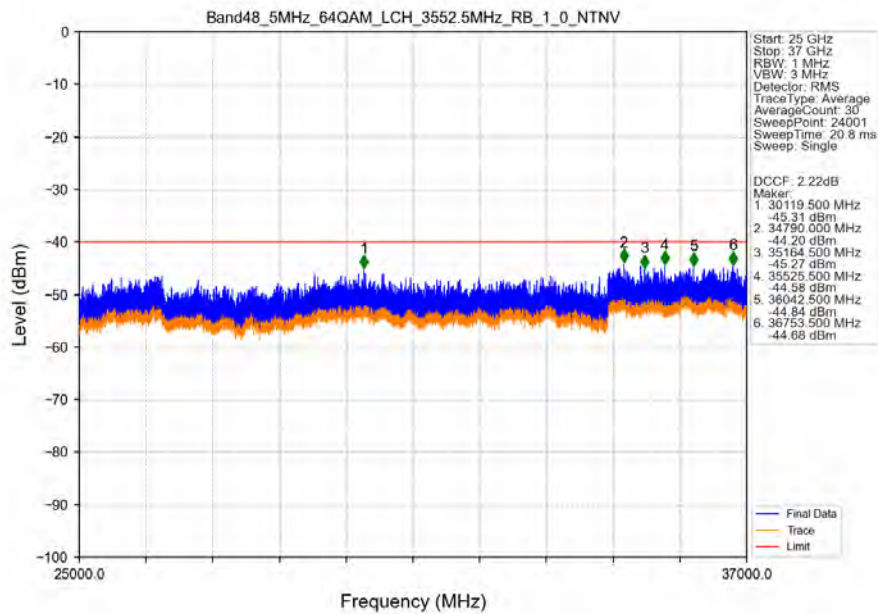
Band48_5MHz_64QAM_LCH_3552.5MHz_RB_1_0_NTNV



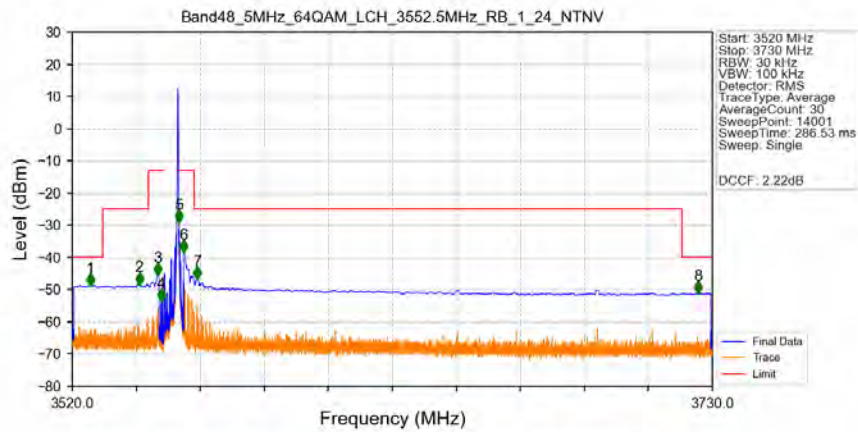
Band48_5MHz_64QAM_LCH_3552.5MHz_RB_1_0_NTNV



Band48_5MHz_64QAM_LCH_3552.5MHz_RB_1_0_NTNV

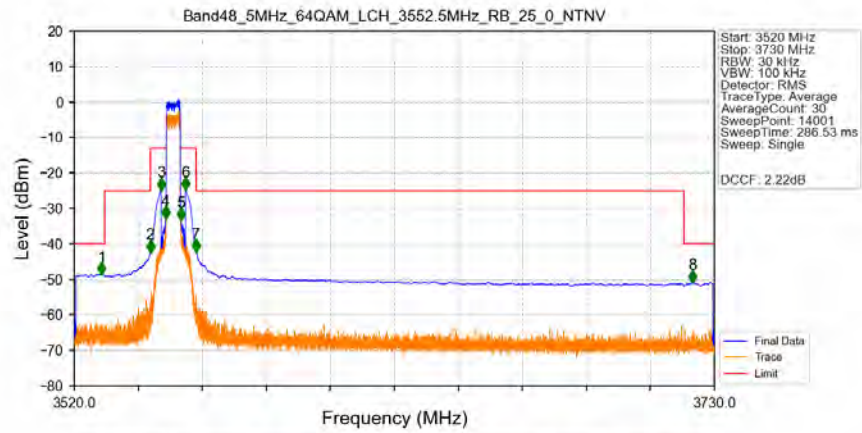


Band48_5MHz_64QAM_LCH_3552.5MHz_RB_1_24_NTNV



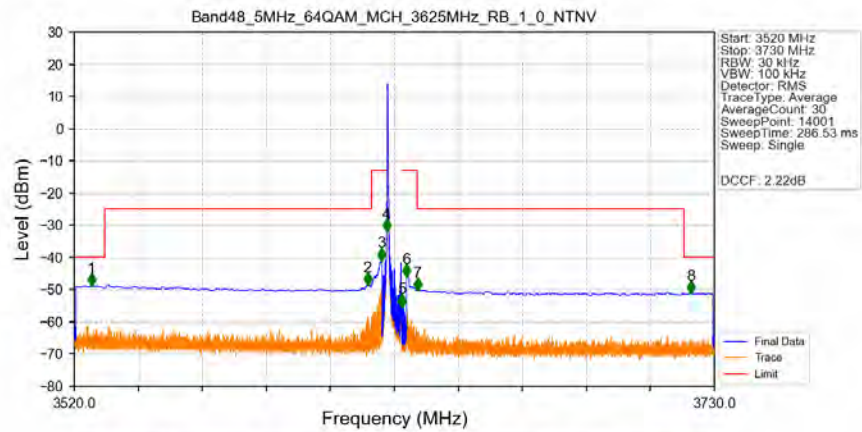
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.865	-48.62	-40	Pass
3530	3545	1	CHP	2	3541.990	-48.27	-25	Pass
3545	3549	1	CHP	3	3548.065	-45.42	-13	Pass
3549	3550	0.03	/	4	3549.280	-53.41	-13	Pass
3550	3555	0.03	/	/	/	/	/	/
3555	3556	0.03	/	5	3555.010	-28.91	-13	Pass
3556	3560	1	CHP	6	3556.555	-38.30	-13	Pass
3560	3720	1	CHP	7	3561.070	-46.59	-25	Pass
3720	3730	1	CHP	8	3725.215	-51.02	-40	Pass

Band48 5MHz 64QAM LCH 3552.5MHz RB 25_0 NTN



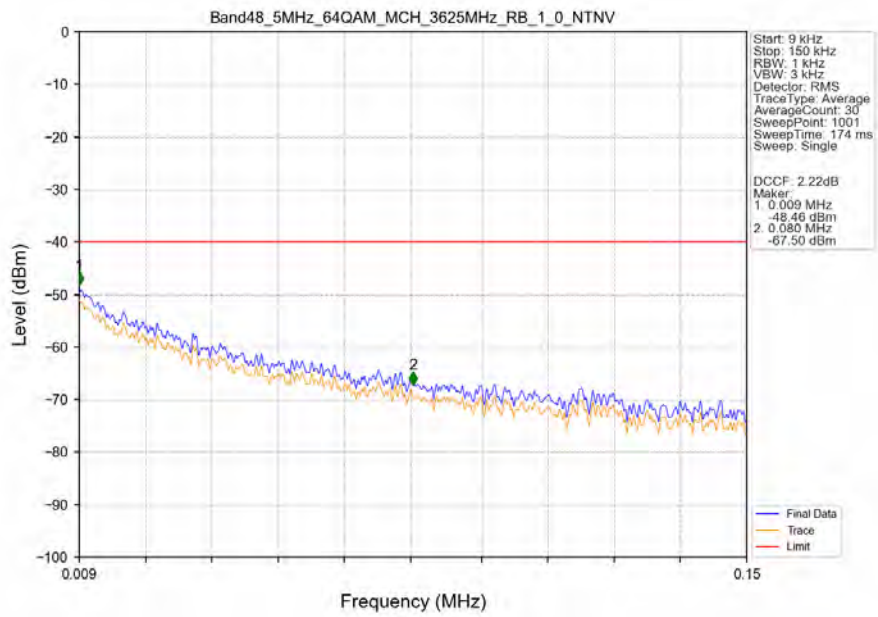
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.030	-48.47	-40	Pass
3530	3545	1	CHP	2	3544.990	-42.17	-25	Pass
3545	3549	1	CHP	3	3548.500	-24.69	-13	Pass
3549	3550	0.051	CHP	4	3549.970	-32.74	-13	Pass
3550	3555	0.051	CHP	/	/	/	/	/
3555	3556	0.051	CHP	5	3555.010	-33.09	-13	Pass
3556	3560	1	CHP	6	3556.510	-24.53	-13	Pass
3560	3720	1	CHP	7	3560.005	-42.10	-25	Pass
3720	3730	1	CHP	8	3722.860	-50.74	-40	Pass

Band48 5MHz 64QAM MCH 3625MHz RB 1_0 NTN

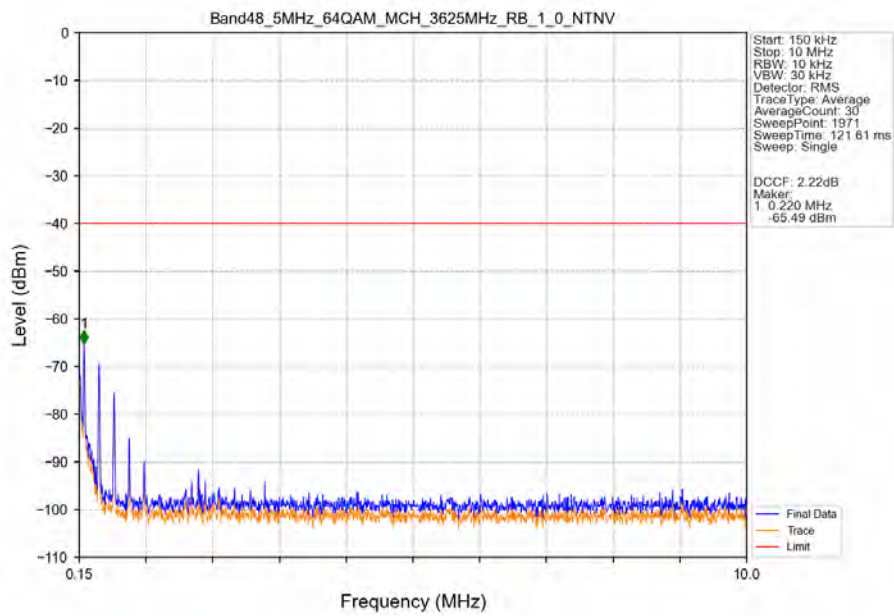


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.655	-48.70	-40	Pass
3530	3617.5	1	CHP	2	3616.195	-48.33	-25	Pass
3617.5	3621.5	1	CHP	3	3620.725	-40.76	-13	Pass
3621.5	3622.5	0.03	/	4	3622.495	-31.76	-13	Pass
3622.5	3627.5	0.03	/	/	/	/	/	/
3627.5	3628.5	0.03	/	5	3627.565	-55.07	-13	Pass
3628.5	3632.5	1	CHP	6	3629.005	-45.74	-13	Pass
3632.5	3720	1	CHP	7	3632.710	-50.10	-25	Pass
3720	3730	1	CHP	8	3722.335	-50.95	-40	Pass

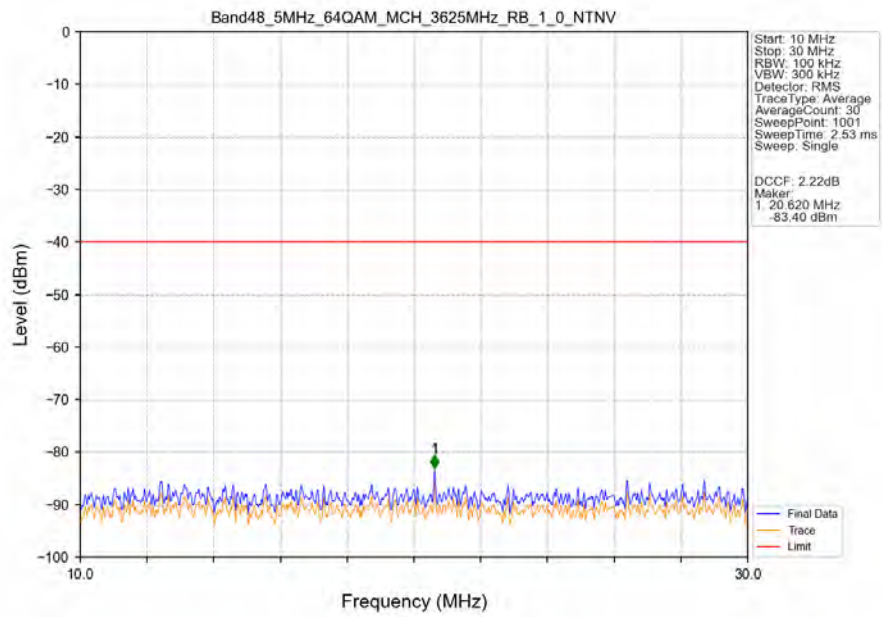
Band48_5MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



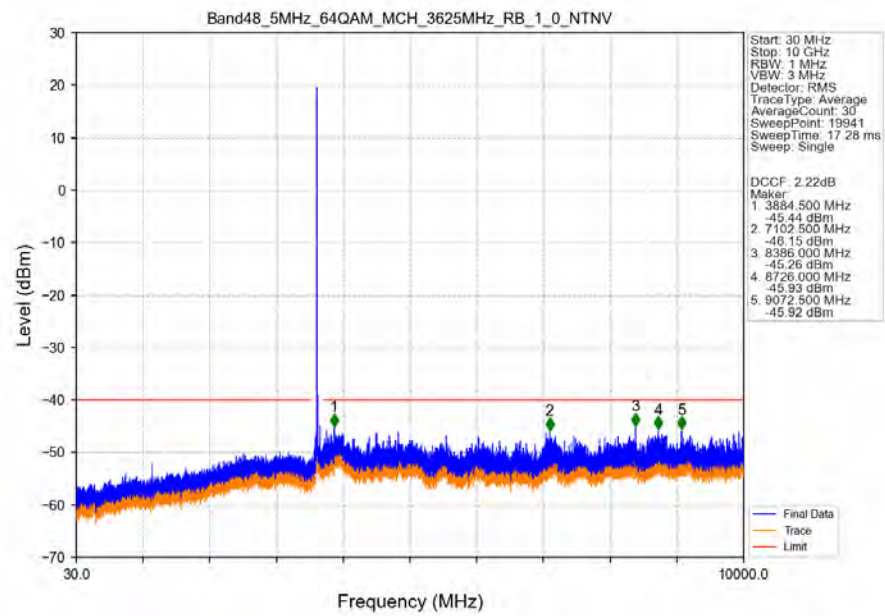
Band48_5MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



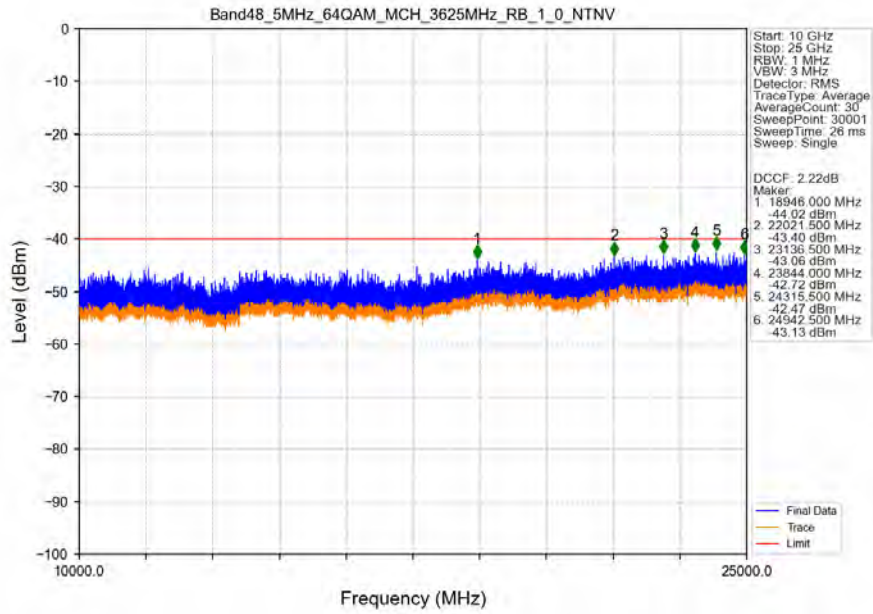
Band48_5MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



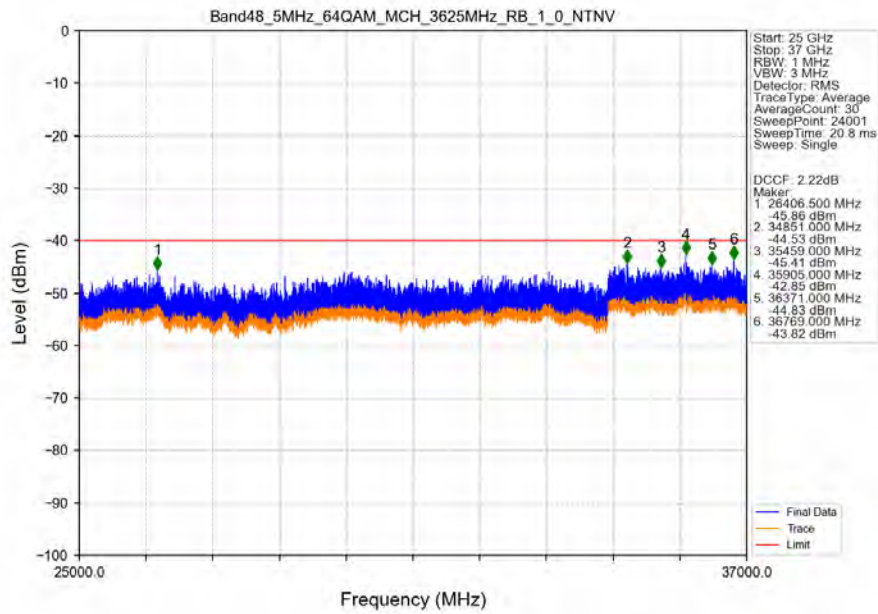
Band48_5MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



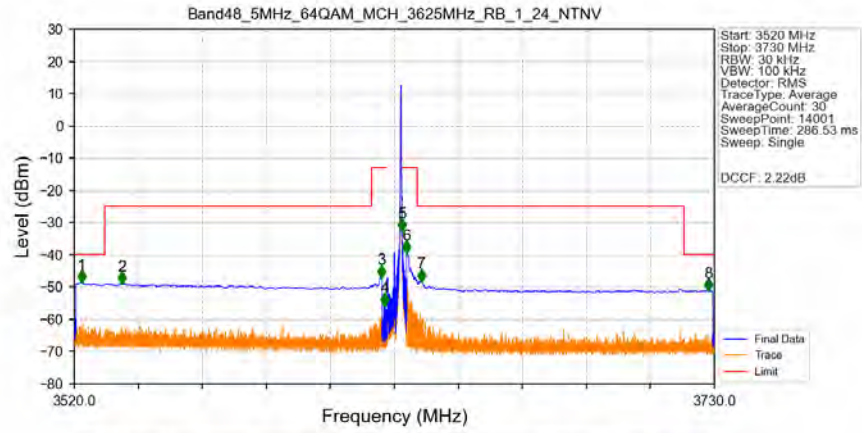
Band48_5MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



Band48_5MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV

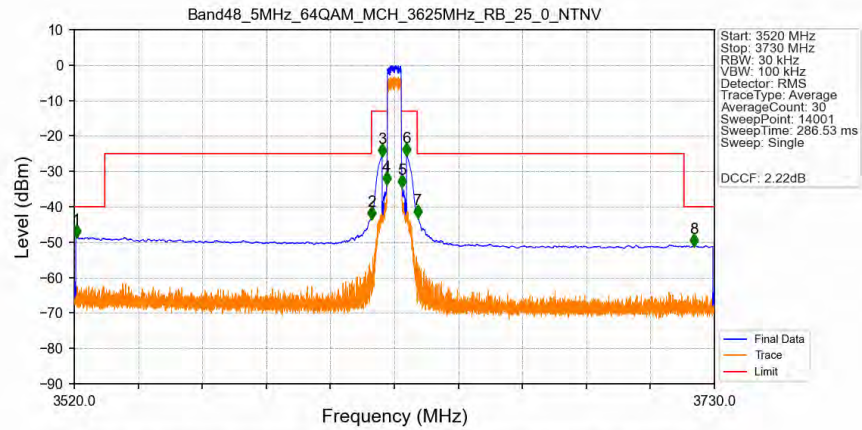


Band48 5MHz 64QAM MCH 3625MHz RB 1 24 NTNV



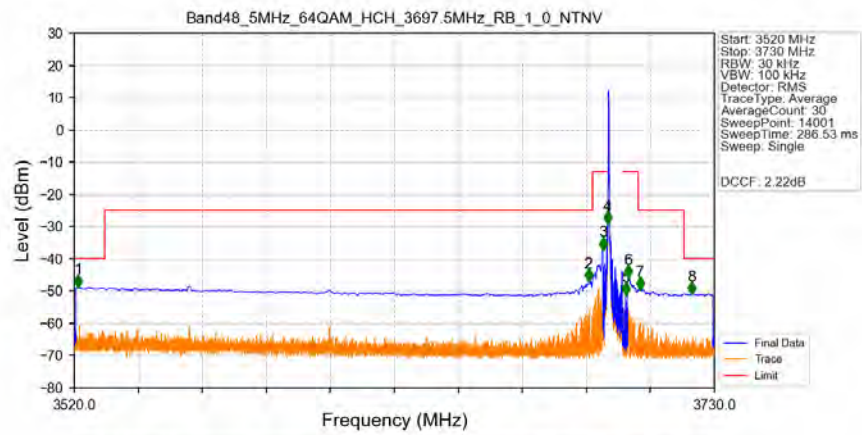
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3522.370	-48.38	-40	Pass
3530	3617.5	1	CHP	2	3535.705	-48.88	-25	Pass
3617.5	3621.5	1	CHP	3	3620.695	-46.88	-13	Pass
3621.5	3622.5	0.03	/	4	3621.895	-55.55	-13	Pass
3622.5	3627.5	0.03	/	/	/	/	/	/
3627.5	3628.5	0.03	/	5	3627.505	-32.46	-13	Pass
3628.5	3632.5	1	CHP	6	3629.005	-39.19	-13	Pass
3632.5	3720	1	CHP	7	3633.985	-48.05	-25	Pass
3720	3730	1	CHP	8	3728.080	-51.03	-40	Pass

Band48 5MHz 64QAM MCH 3625MHz RB 25 0 NTNV

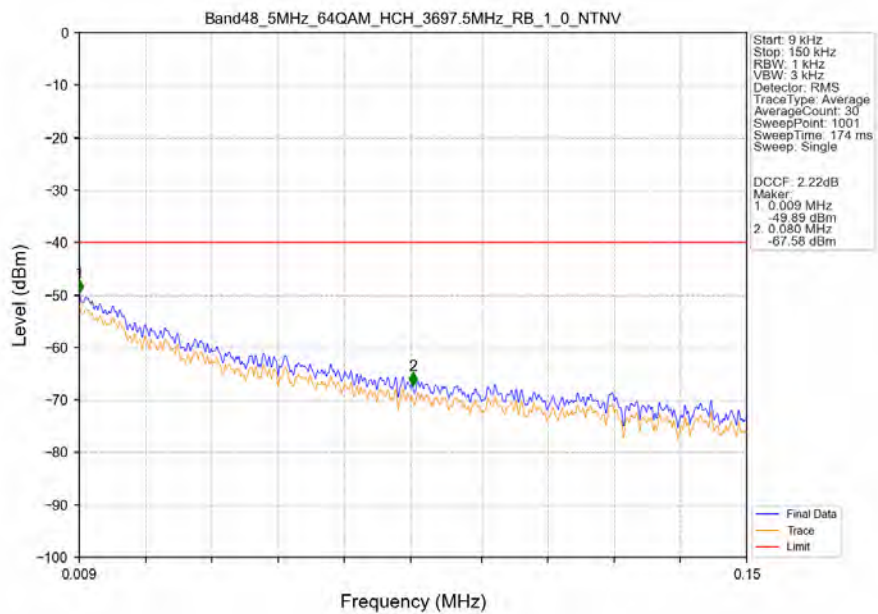


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3520.690	-48.38	-40	Pass
3530	3617.5	1	CHP	2	3617.500	-43.38	-25	Pass
3617.5	3621.5	1	CHP	3	3620.995	-25.60	-13	Pass
3621.5	3622.5	0.049	CHP	4	3622.495	-33.53	-13	Pass
3622.5	3627.5	0.049	CHP	/	/	/	/	/
3627.5	3628.5	0.049	CHP	5	3627.505	-34.39	-13	Pass
3628.5	3632.5	1	CHP	6	3629.005	-25.44	-13	Pass
3632.5	3720	1	CHP	7	3632.680	-42.90	-25	Pass
3720	3730	1	CHP	8	3723.280	-51.00	-40	Pass

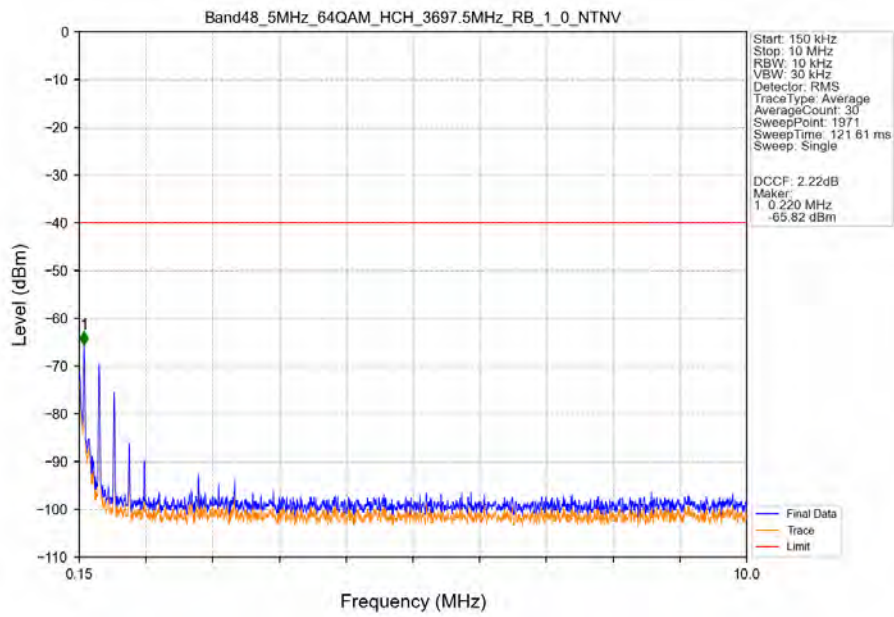
Band48_5MHz_64QAM_HCH_3697.5MHz_RB_1_0_NTNV



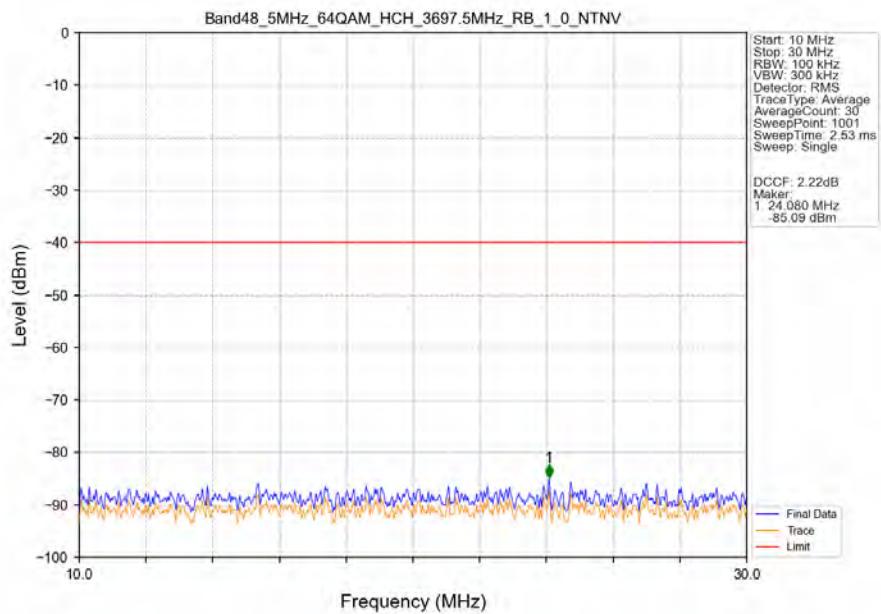
Band48_5MHz_64QAM_HCH_3697.5MHz_RB_1_0_NTNV



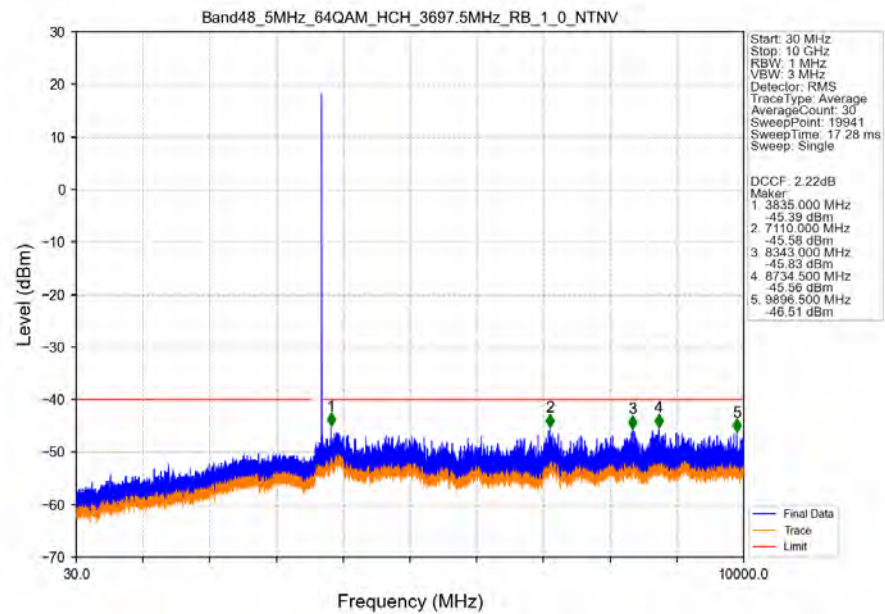
Band48_5MHz_64QAM_HCH_3697.5MHz_RB_1_0_NTNV



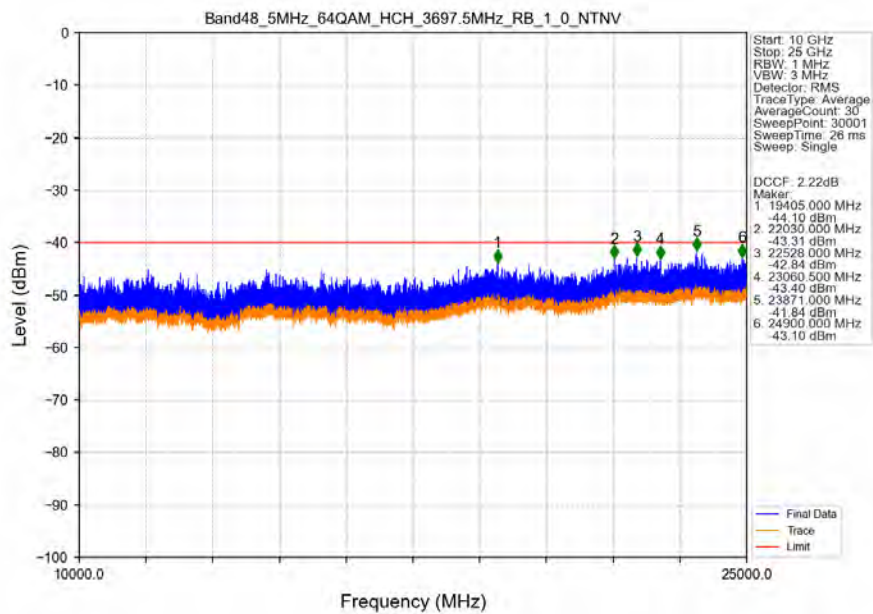
Band48_5MHz_64QAM_HCH_3697.5MHz_RB_1_0_NTNV



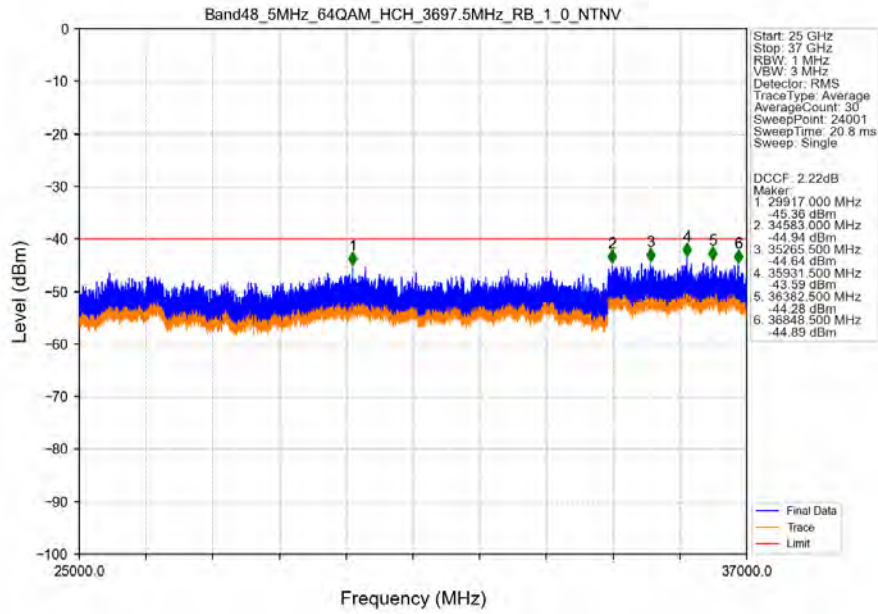
Band48_5MHz_64QAM_HCH_3697.5MHz_RB_1_0_NTNV



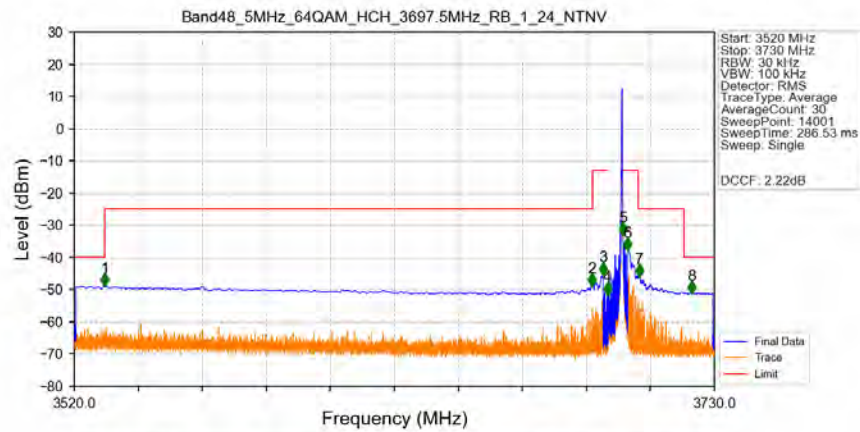
Band48_5MHz_64QAM_HCH_3697.5MHz_RB_1_0_NTNV



Band48_5MHz_64QAM_HCH_3697.5MHz_RB_1_0_NTNV

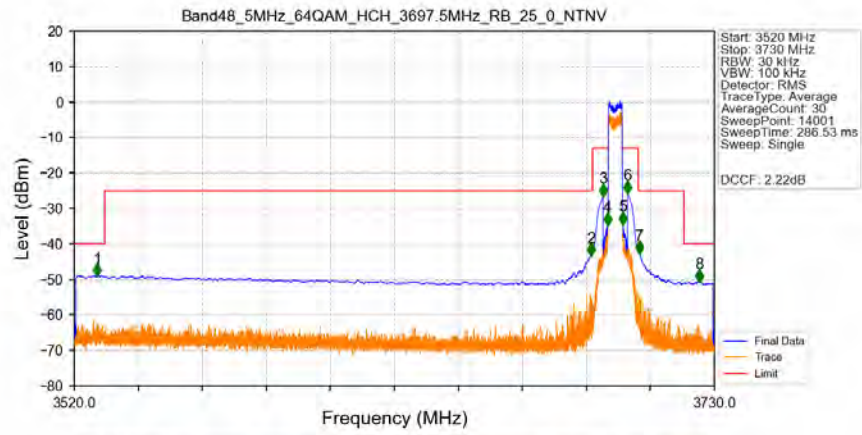


Band48_5MHz_64QAM_HCH_3697.5MHz_RB_1_24_NTNV



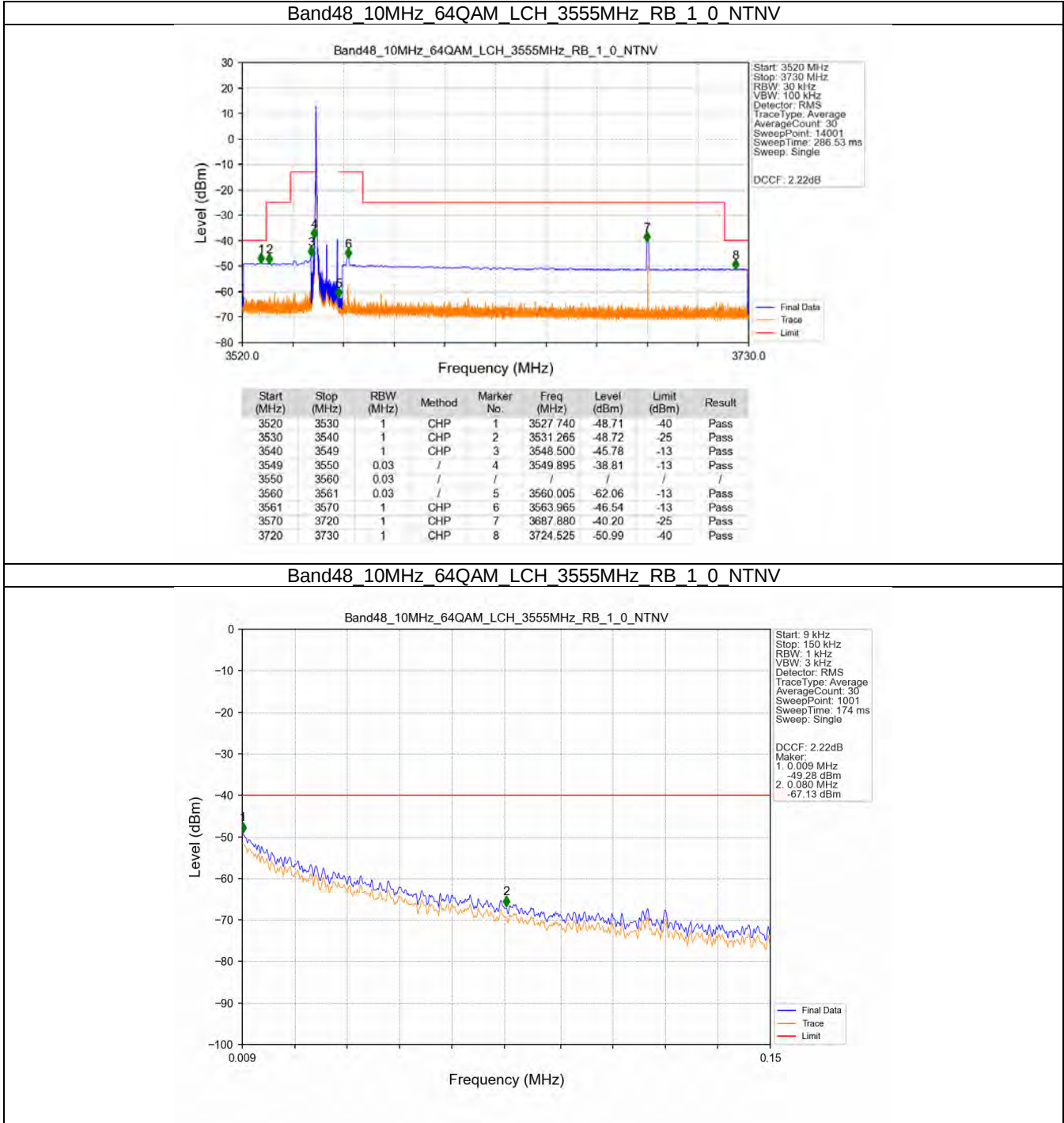
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.975	-48.68	-40	Pass
3530	3690	1	CHP	2	3689.830	-48.59	-25	Pass
3690	3694	1	CHP	3	3693.490	-45.22	-13	Pass
3694	3695	0.03	/	4	3694.990	-51.34	-13	Pass
3695	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.015	-32.87	-13	Pass
3701	3705	1	CHP	6	3701.575	-37.55	-13	Pass
3705	3720	1	CHP	7	3705.475	-45.74	-25	Pass
3720	3730	1	CHP	8	3722.470	-50.99	-40	Pass

Band48 5MHz 64QAM HCH 3697.5MHz RB 25_0_NTNV

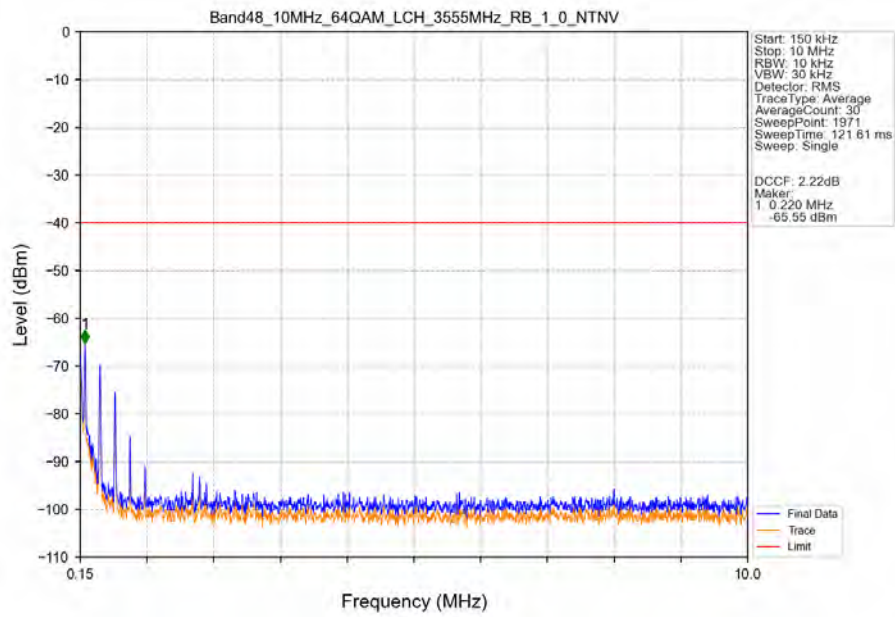


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3527.470	-48.87	-40	Pass
3530	3690	1	CHP	2	3689.545	-43.08	-25	Pass
3690	3694	1	CHP	3	3693.490	-26.37	-13	Pass
3694	3695	0.049	CHP	4	3694.990	-34.51	-13	Pass
3695	3700	0.049	CHP	/	/	/	/	/
3700	3701	0.049	CHP	5	3700.015	-34.27	-13	Pass
3701	3705	1	CHP	6	3701.500	-25.55	-13	Pass
3705	3720	1	CHP	7	3705.400	-42.57	-25	Pass
3720	3730	1	CHP	8	3725.140	-50.52	-40	Pass

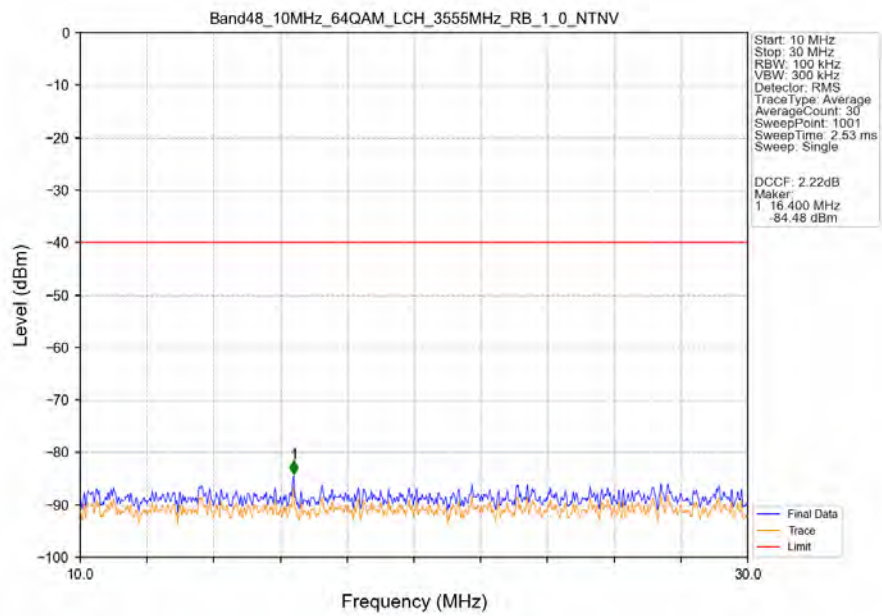
5.2.2 B48_10MHz



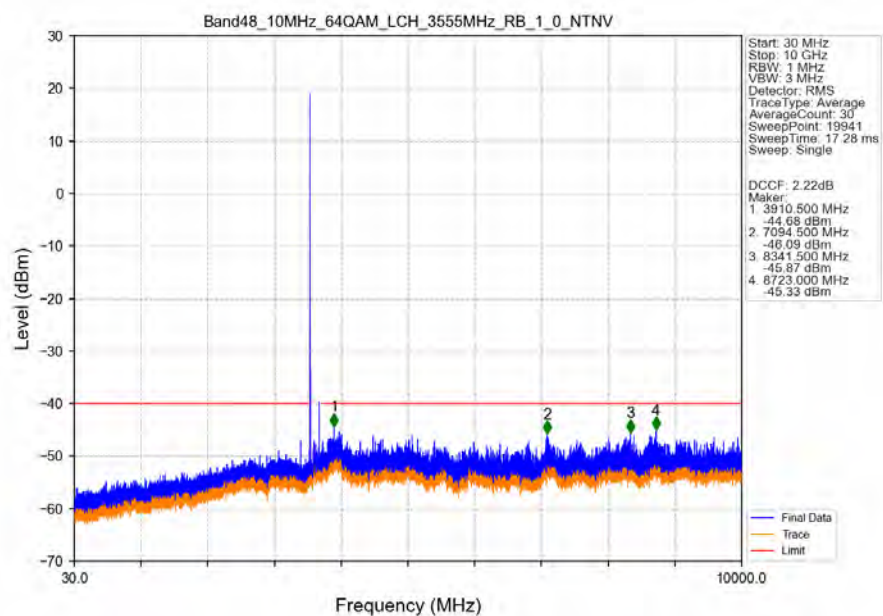
Band48_10MHz_64QAM_LCH_3555MHz_RB_1_0_NTNV



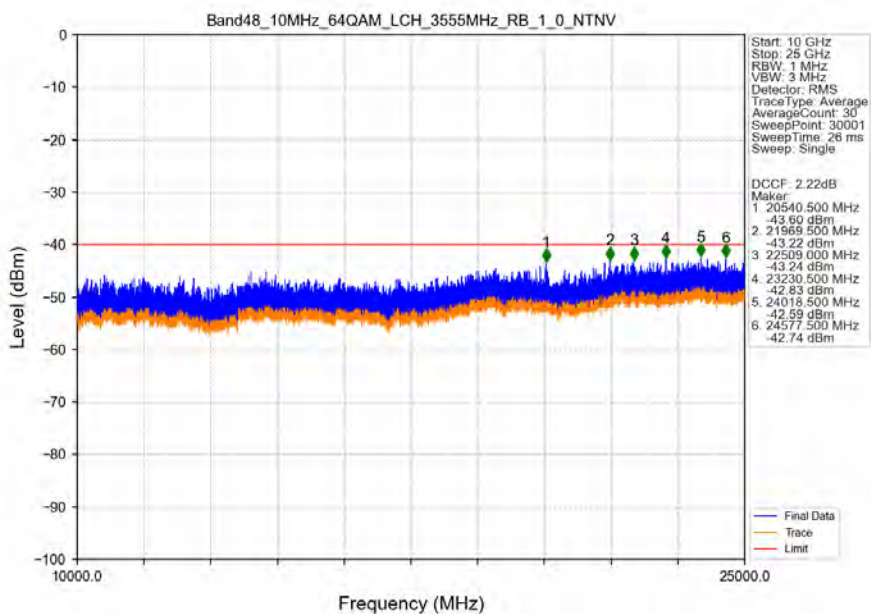
Band48_10MHz_64QAM_LCH_3555MHz_RB_1_0_NTNV



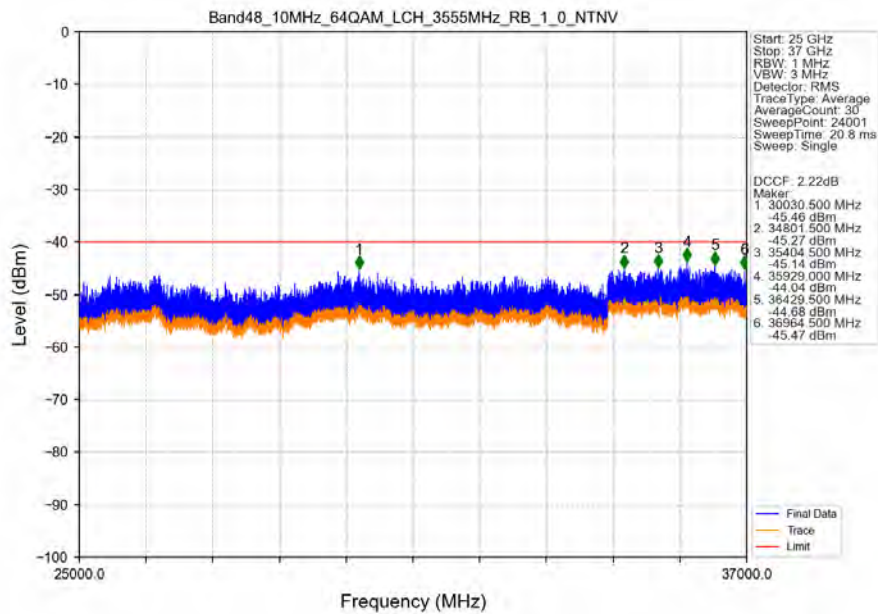
Band48_10MHz_64QAM_LCH_3555MHz_RB_1_0_NTNV



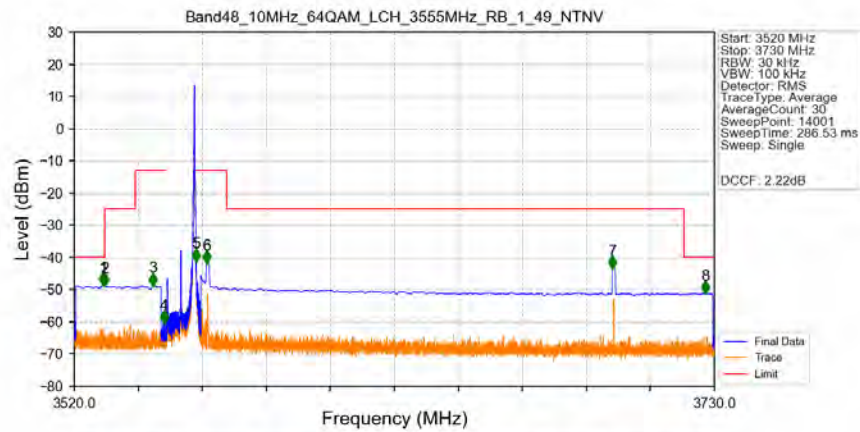
Band48_10MHz_64QAM_LCH_3555MHz_RB_1_0_NTNV



Band48_10MHz_64QAM_LCH_3555MHz_RB_1_0_NTNV

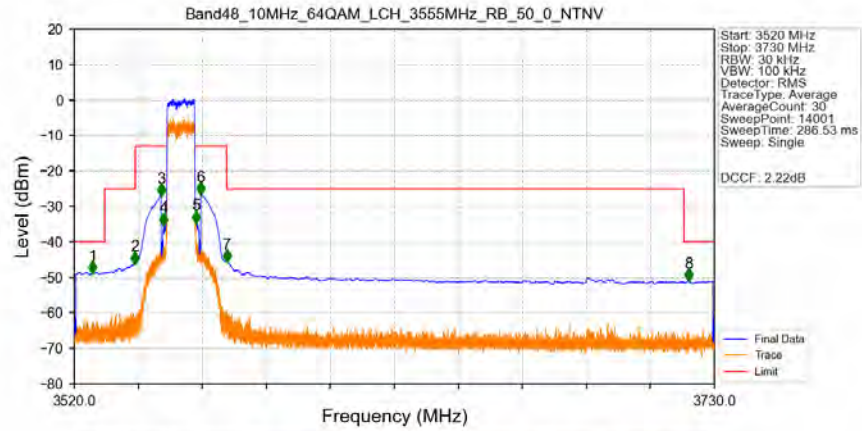


Band48_10MHz_64QAM_LCH_3555MHz_RB_1_49_NTNV



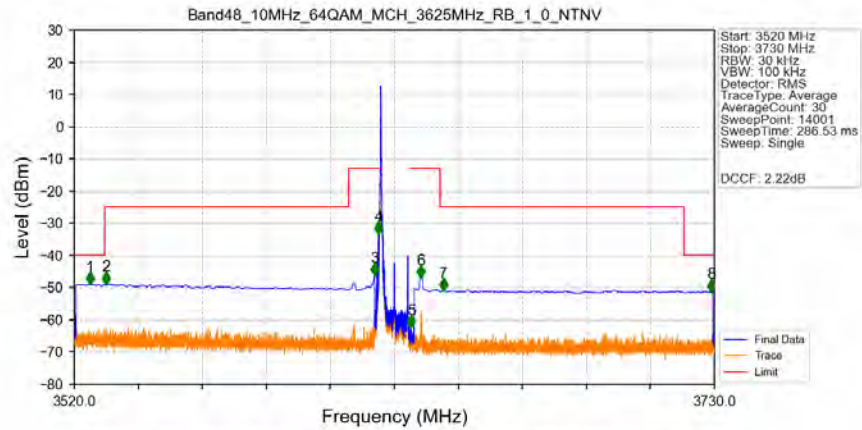
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.525	-48.48	-40	Pass
3530	3540	1	CHP	2	3530.005	-48.64	-25	Pass
3540	3549	1	CHP	3	3545.860	-48.55	-13	Pass
3549	3550	0.03	/	4	3549.475	-60.20	-13	Pass
3550	3560	0.03	/	/	/	/	/	/
3560	3561	0.03	/	5	3560.020	-40.97	-13	Pass
3561	3570	1	CHP	6	3563.485	-41.65	-13	Pass
3570	3720	1	CHP	7	3696.610	-43.20	-25	Pass
3720	3730	1	CHP	8	3727.075	-51.06	-40	Pass

Band48_10MHz_64QAM_LCH_3555MHz_RB_50_0_NTNV



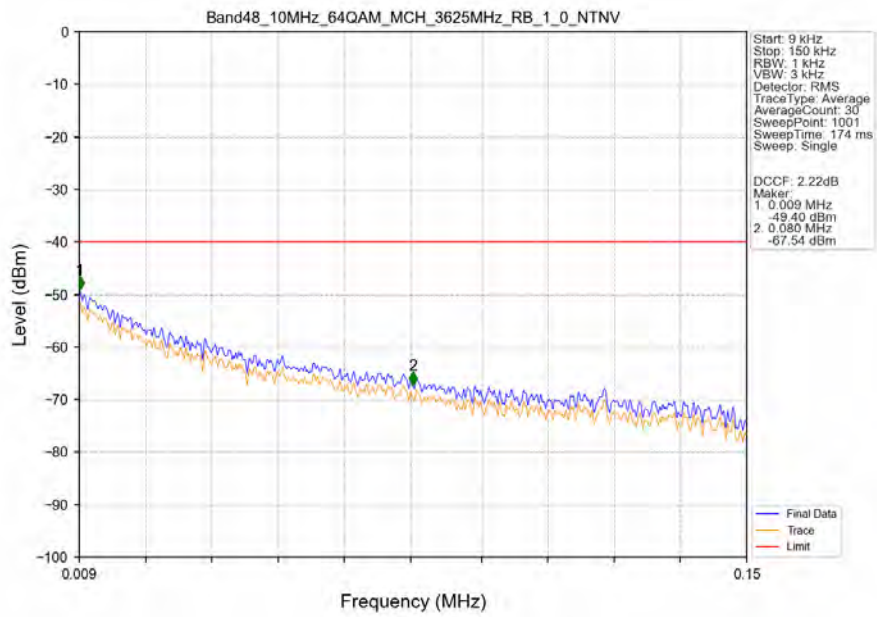
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3526.060	-48.64	-40	Pass
3530	3540	1	CHP	2	3539.800	-46.02	-25	Pass
3540	3549	1	CHP	3	3548.500	-26.85	-13	Pass
3549	3550	0.099	CHP	4	3549.400	-35.13	-13	Pass
3550	3560	0.099	CHP	/	/	/	/	/
3560	3561	0.099	CHP	5	3560.005	-34.52	-13	Pass
3561	3570	1	CHP	6	3561.520	-26.53	-13	Pass
3570	3720	1	CHP	7	3570.070	-45.46	-25	Pass
3720	3730	1	CHP	8	3721.495	-50.86	-40	Pass

Band48_10MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV

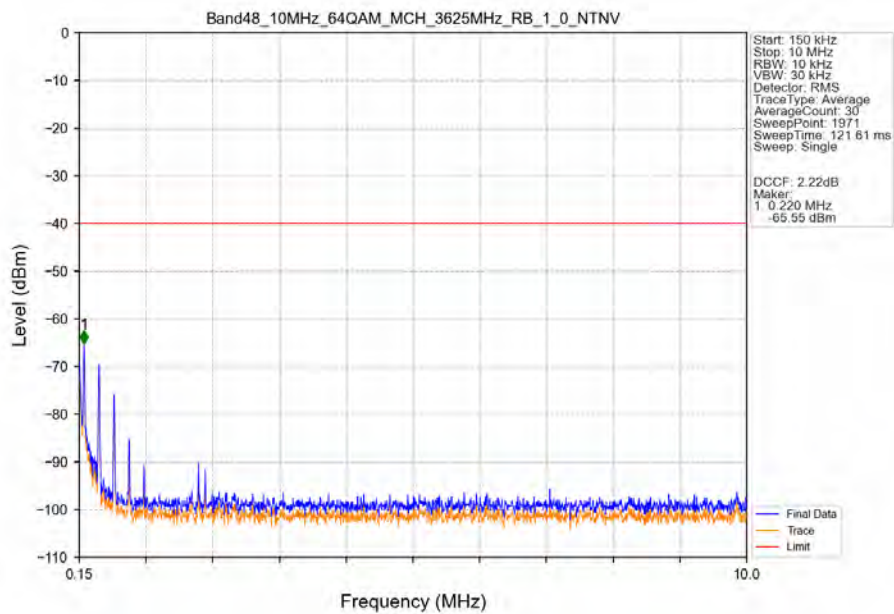


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.130	-48.81	-40	Pass
3530	3610	1	CHP	2	3530.365	-48.73	-25	Pass
3610	3619	1	CHP	3	3618.490	-46.10	-13	Pass
3619	3620	0.03	/	4	3619.825	-33.12	-13	Pass
3620	3630	0.03	/	/	/	/	/	/
3630	3631	0.03	/	5	3630.580	-62.33	-13	Pass
3631	3640	1	CHP	6	3633.610	-46.74	-13	Pass
3640	3720	1	CHP	7	3641.170	-50.76	-25	Pass
3720	3730	1	CHP	8	3728.950	-51.09	-40	Pass

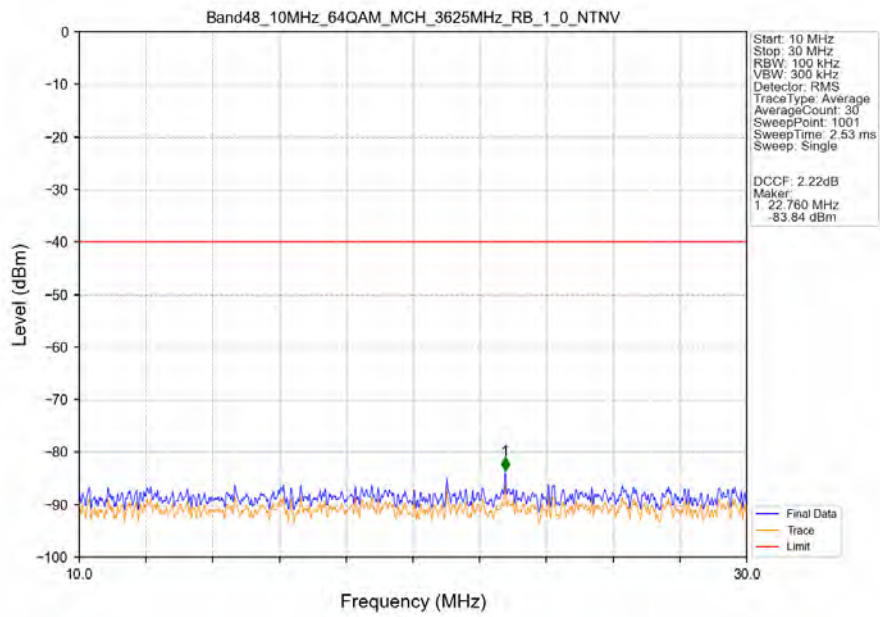
Band48_10MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



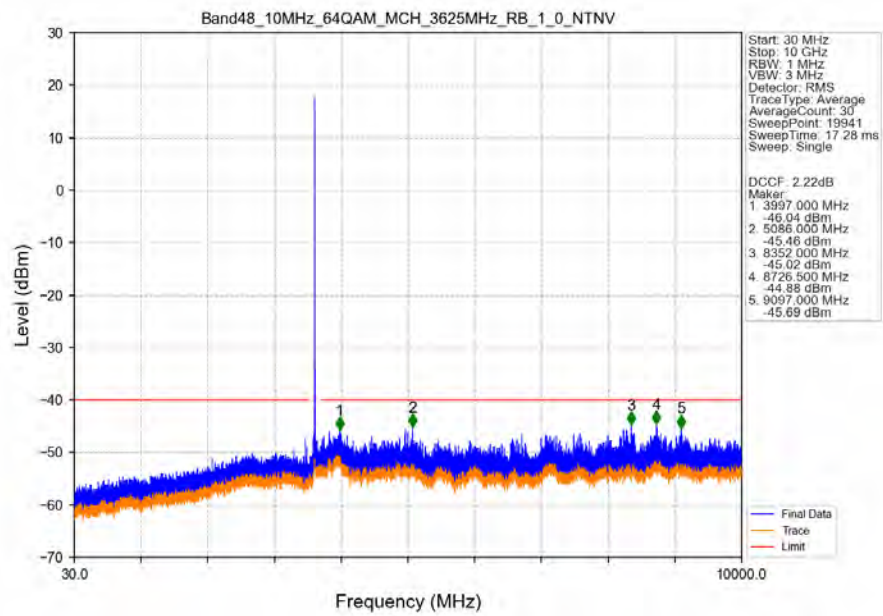
Band48_10MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



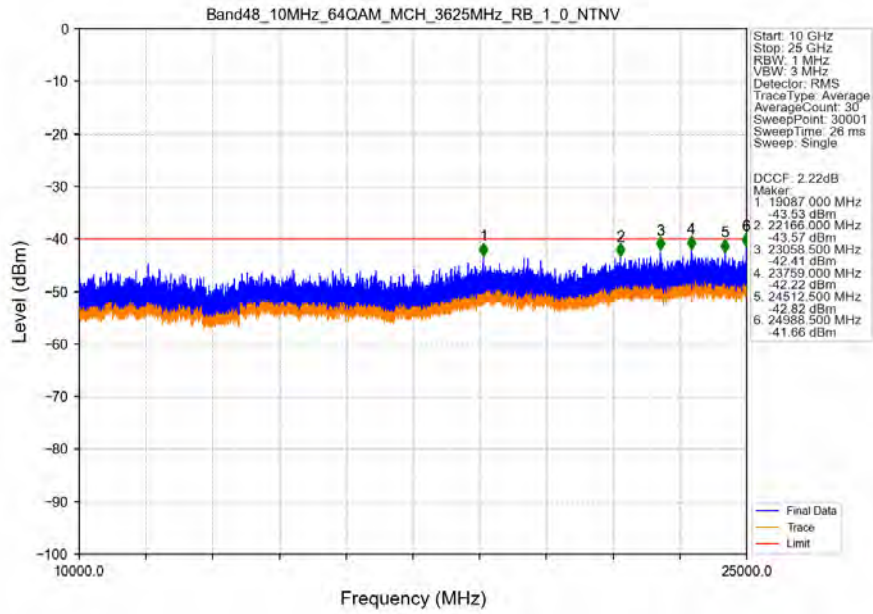
Band48_10MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



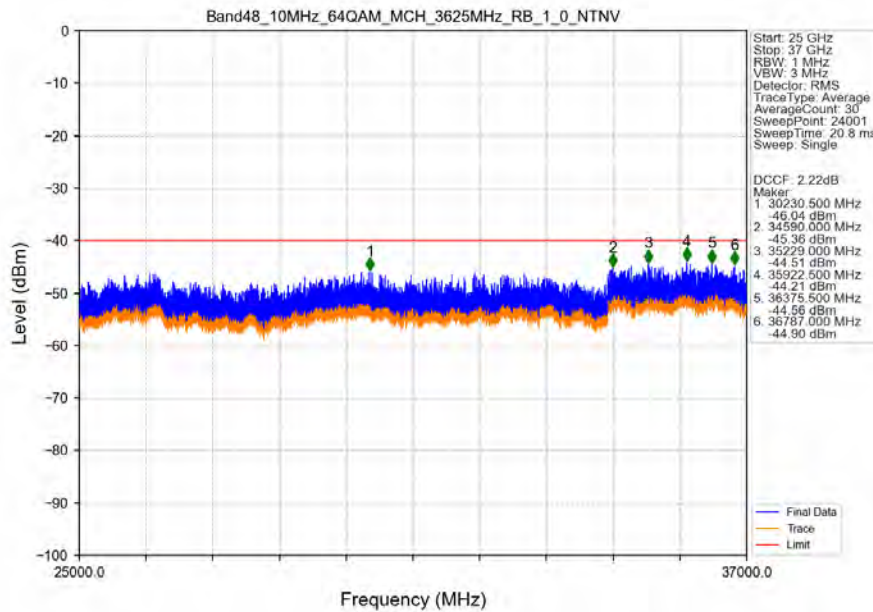
Band48_10MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



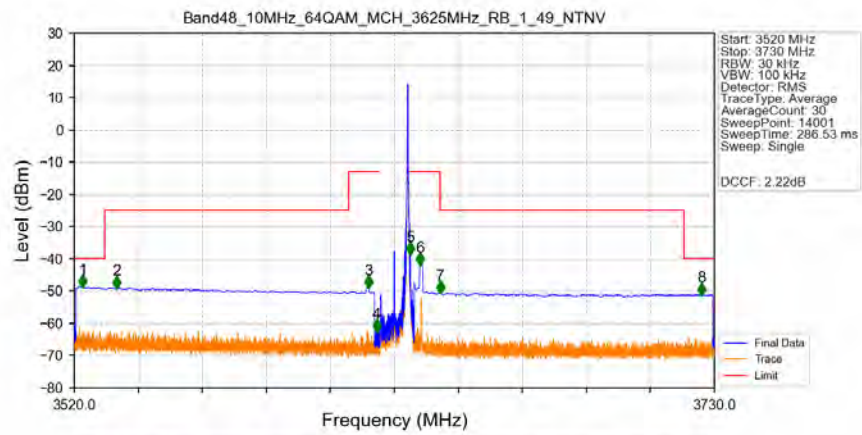
Band48_10MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



Band48_10MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV

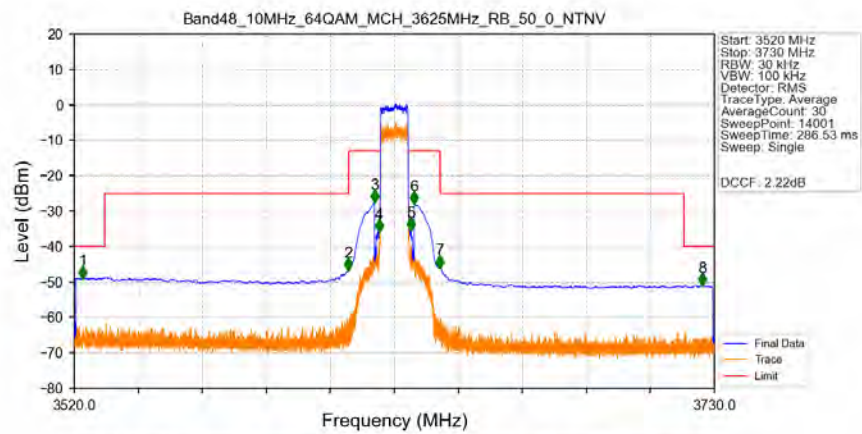


Band48 10MHz 64QAM MCH 3625MHz RB 1 49 NTNV



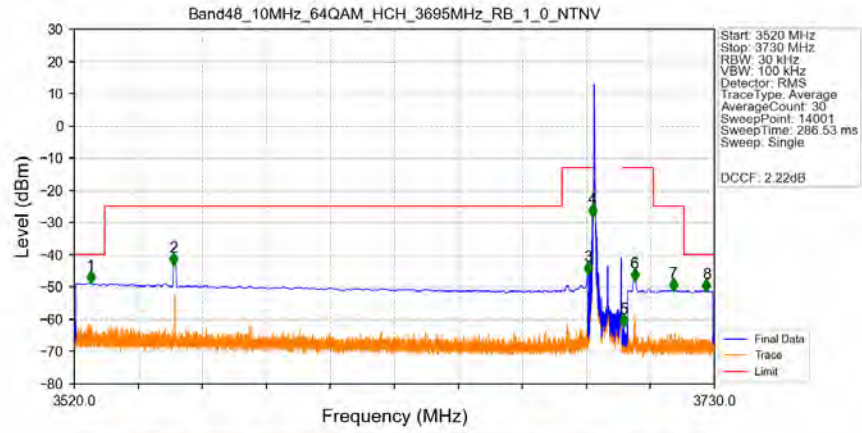
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3522.835	-48.56	-40	Pass
3530	3610	1	CHP	2	3533.995	-48.97	-25	Pass
3610	3619	1	CHP	3	3616.480	-48.95	-13	Pass
3619	3620	0.03	/	4	3619.285	-62.35	-13	Pass
3620	3630	0.03	/	/	/	/	/	/
3630	3631	0.03	/	5	3630.220	-38.60	-13	Pass
3631	3640	1	CHP	6	3633.490	-41.82	-13	Pass
3640	3720	1	CHP	7	3640.165	-50.55	-25	Pass
3720	3730	1	CHP	8	3725.830	-51.09	-40	Pass

Band48 10MHz 64QAM MCH 3625MHz RB 50 0 NTNV



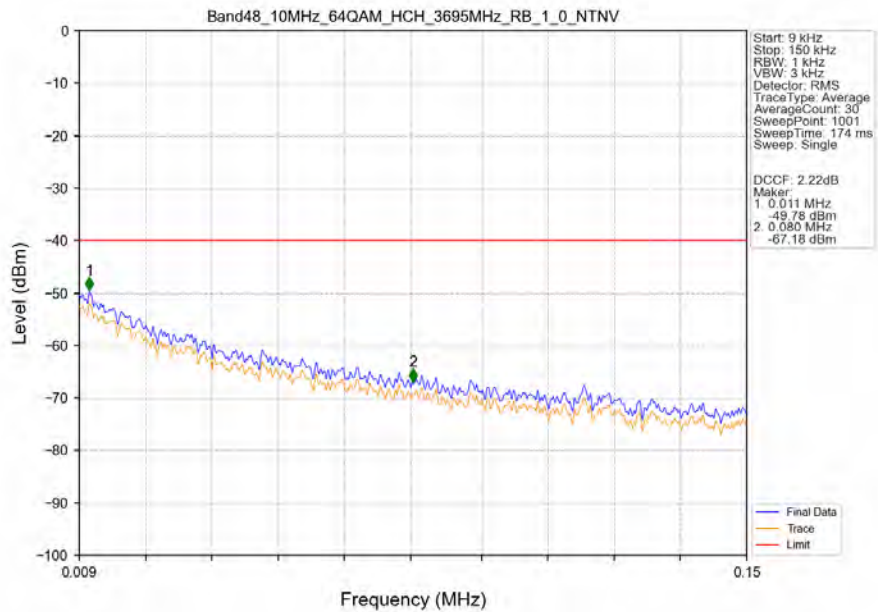
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3522.850	-48.81	-40	Pass
3530	3610	1	CHP	2	3609.940	-46.61	-25	Pass
3610	3619	1	CHP	3	3618.490	-27.30	-13	Pass
3619	3620	0.098	CHP	4	3619.990	-35.71	-13	Pass
3620	3630	0.098	CHP	/	/	/	/	/
3630	3631	0.098	CHP	5	3630.475	-35.18	-13	Pass
3631	3640	1	CHP	6	3631.510	-27.75	-13	Pass
3640	3720	1	CHP	7	3640.015	-45.85	-25	Pass
3720	3730	1	CHP	8	3726.100	-50.86	-40	Pass

Band48_10MHz_64QAM_HCH_3695MHz_RB_1_0_NTNV

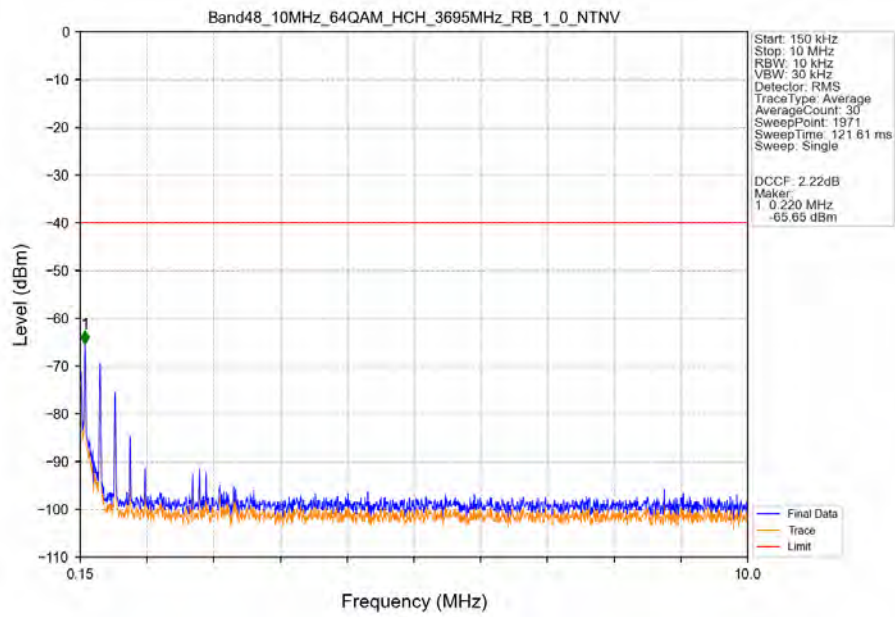


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.385	-48.64	-40	Pass
3530	3680	1	CHP	2	3552.595	-43.03	-25	Pass
3680	3689	1	CHP	3	3688.495	-45.60	-13	Pass
3689	3690	0.03	/	4	3689.935	-28.00	-13	Pass
3690	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.135	-62.04	-13	Pass
3701	3710	1	CHP	6	3703.825	-47.89	-13	Pass
3710	3720	1	CHP	7	3716.605	-50.99	-25	Pass
3720	3730	1	CHP	8	3727.390	-51.14	-40	Pass

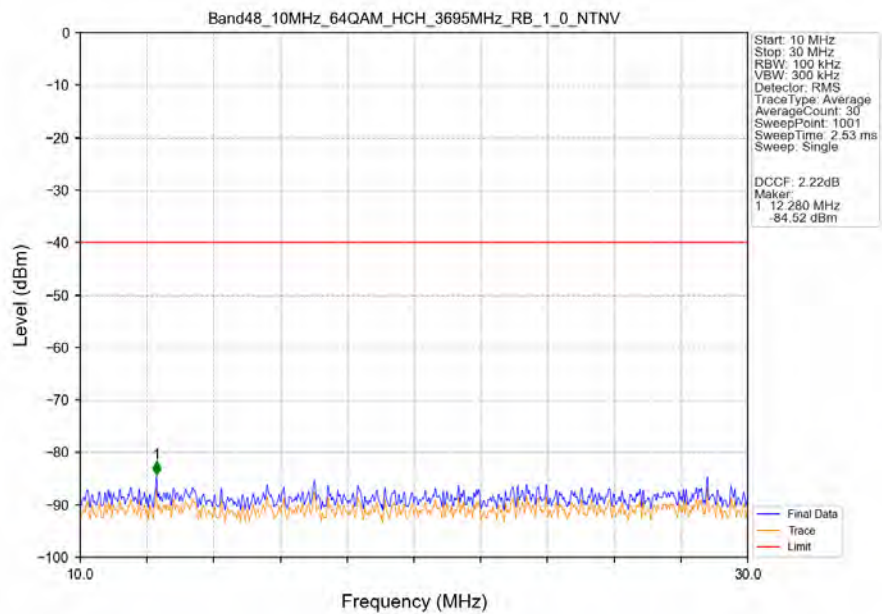
Band48_10MHz_64QAM_HCH_3695MHz_RB_1_0_NTNV



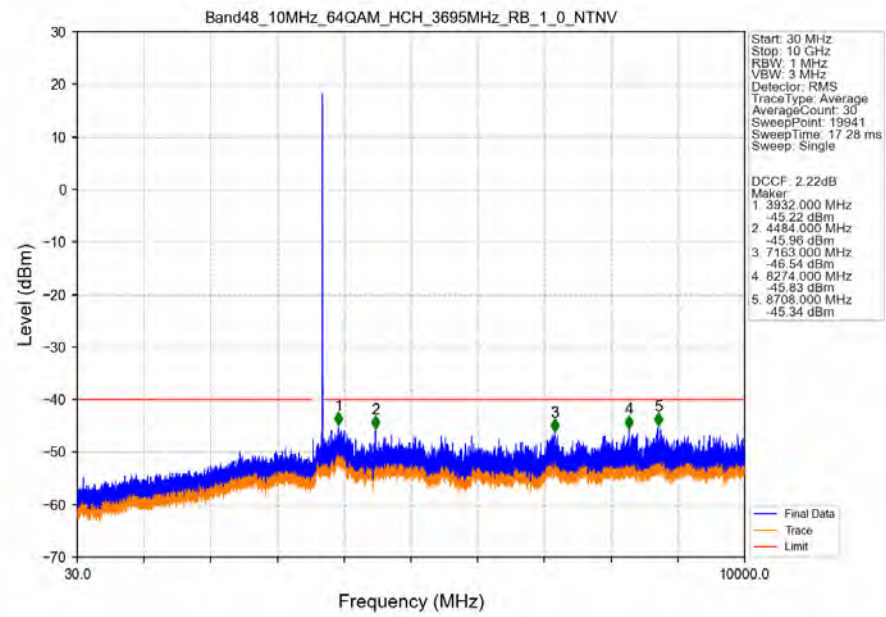
Band48_10MHz_64QAM_HCH_3695MHz_RB_1_0_NTNV



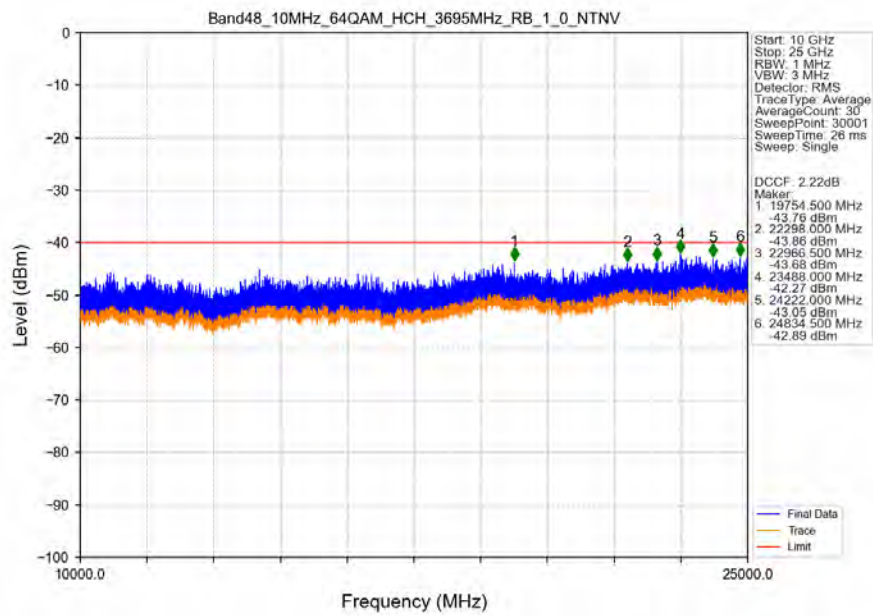
Band48_10MHz_64QAM_HCH_3695MHz_RB_1_0_NTNV



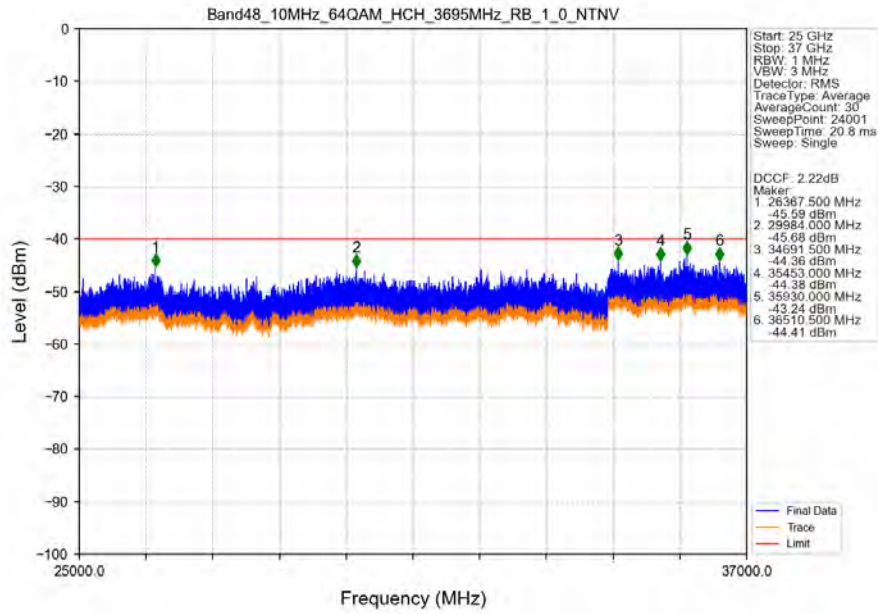
Band48_10MHz_64QAM_HCH_3695MHz_RB_1_0_NTNV



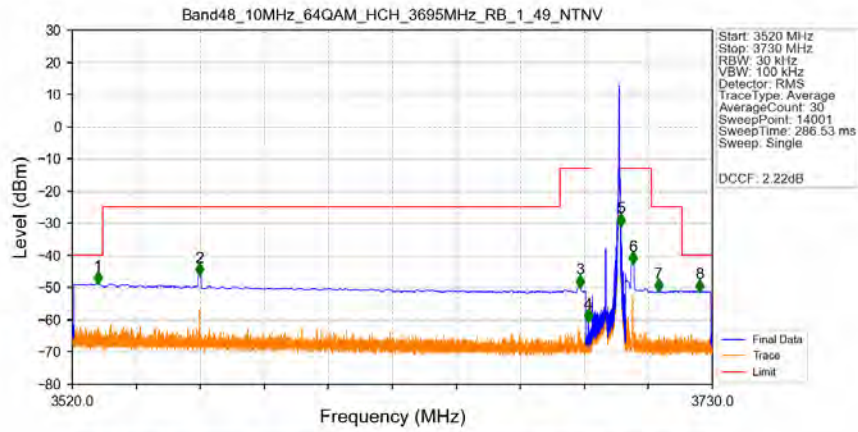
Band48_10MHz_64QAM_HCH_3695MHz_RB_1_0_NTNV



Band48_10MHz_64QAM_HCH_3695MHz_RB_1_0_NTNV

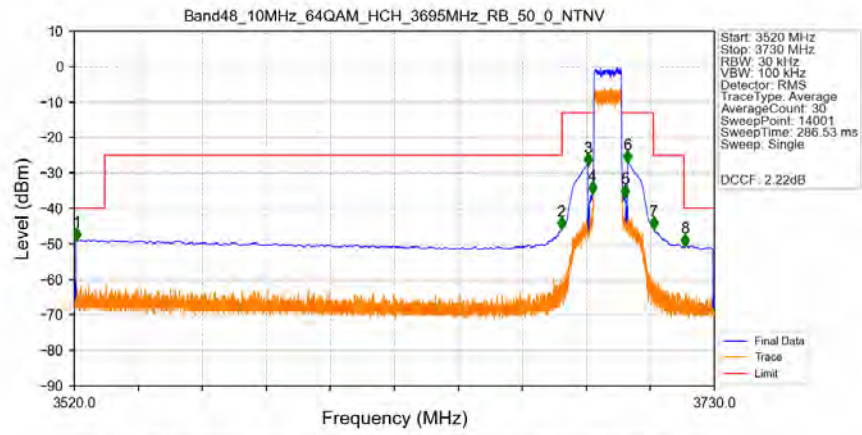


Band48_10MHz_64QAM_HCH_3695MHz_RB_1_49_NTNV



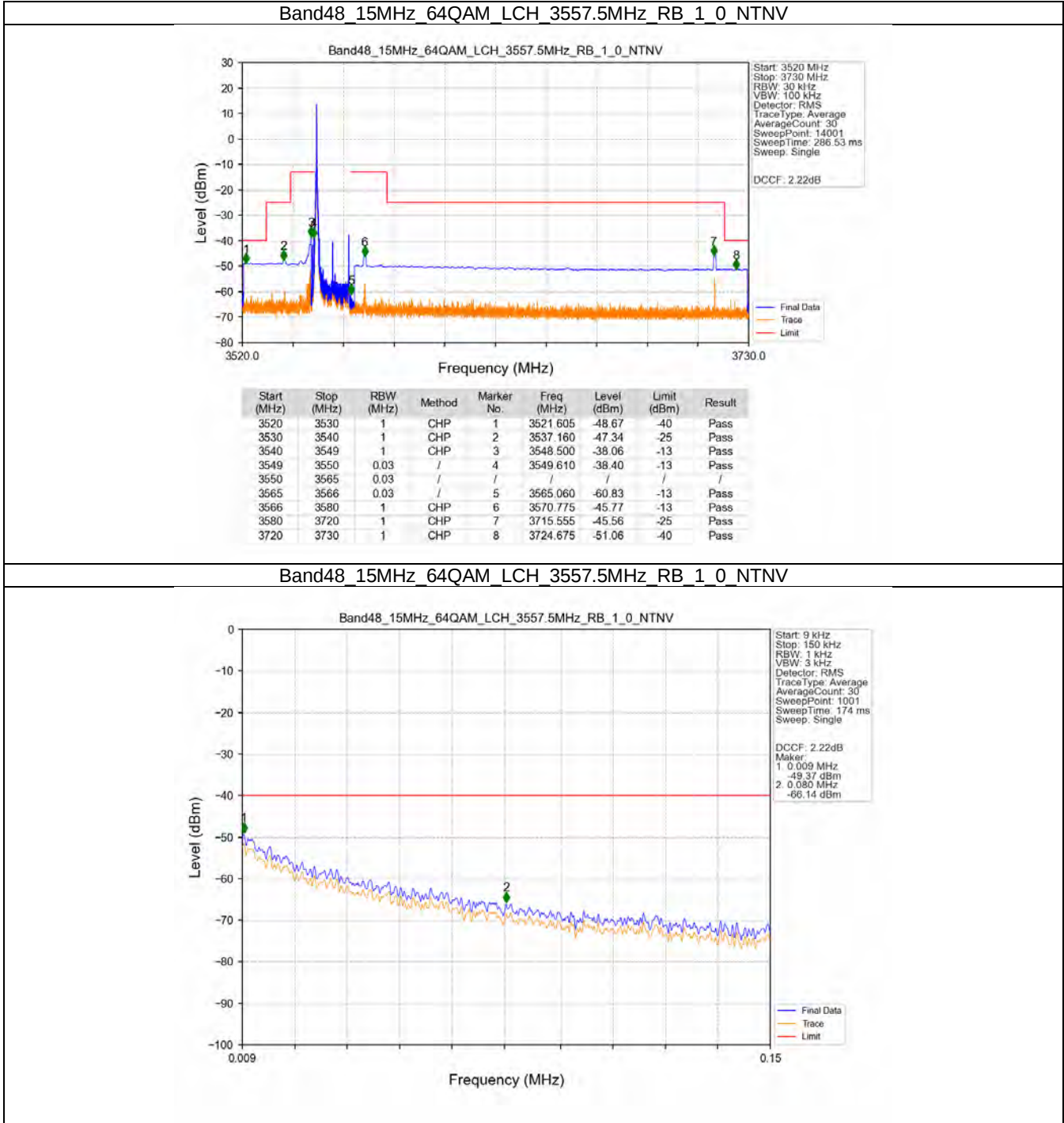
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.430	-48.60	-40	Pass
3530	3680	1	CHP	2	3561.730	-45.98	-25	Pass
3680	3689	1	CHP	3	3686.470	-49.68	-13	Pass
3689	3690	0.03	/	4	3689.215	-60.35	-13	Pass
3690	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.030	-30.67	-13	Pass
3701	3710	1	CHP	6	3703.975	-42.58	-13	Pass
3710	3720	1	CHP	7	3712.255	-50.99	-25	Pass
3720	3730	1	CHP	8	3725.680	-51.07	-40	Pass

Band48 10MHz 64QAM HCH 3695MHz RB 50 0 NTN

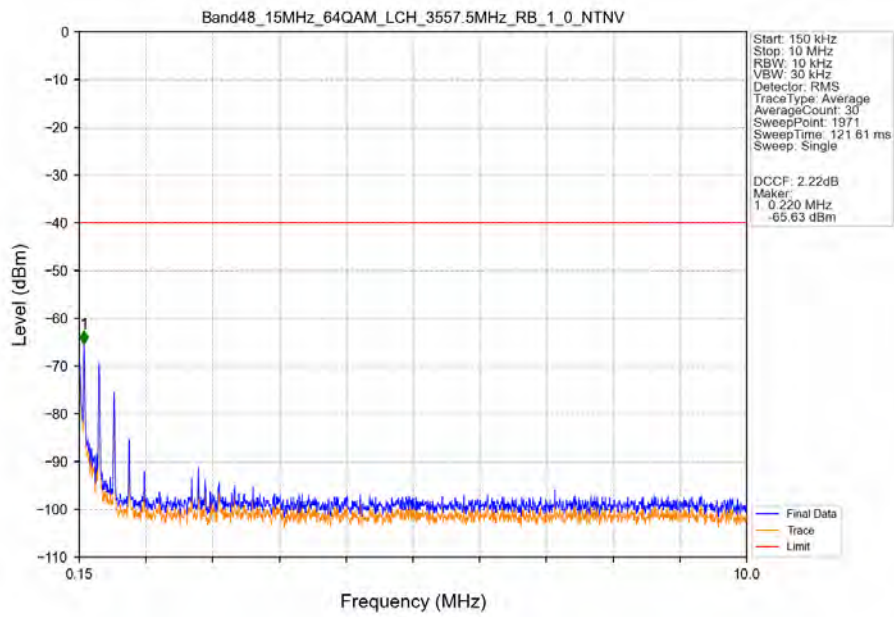


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3520.795	-48.80	-40	Pass
3530	3680	1	CHP	2	3679.750	-45.69	-25	Pass
3680	3689	1	CHP	3	3688.495	-27.71	-13	Pass
3689	3690	0.097	CHP	4	3689.995	-35.66	-13	Pass
3690	3700	0.097	CHP	/	/	/	/	/
3700	3701	0.097	CHP	5	3700.600	-36.60	-13	Pass
3701	3710	1	CHP	6	3701.500	-26.92	-13	Pass
3710	3720	1	CHP	7	3710.050	-45.69	-25	Pass
3720	3730	1	CHP	8	3720.415	-50.47	-40	Pass

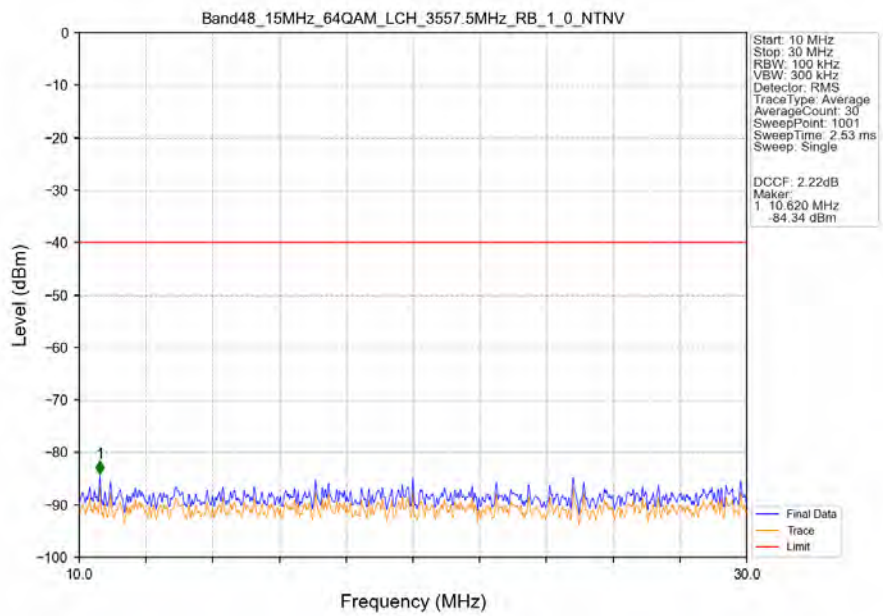
5.2.3 B48_15MHz



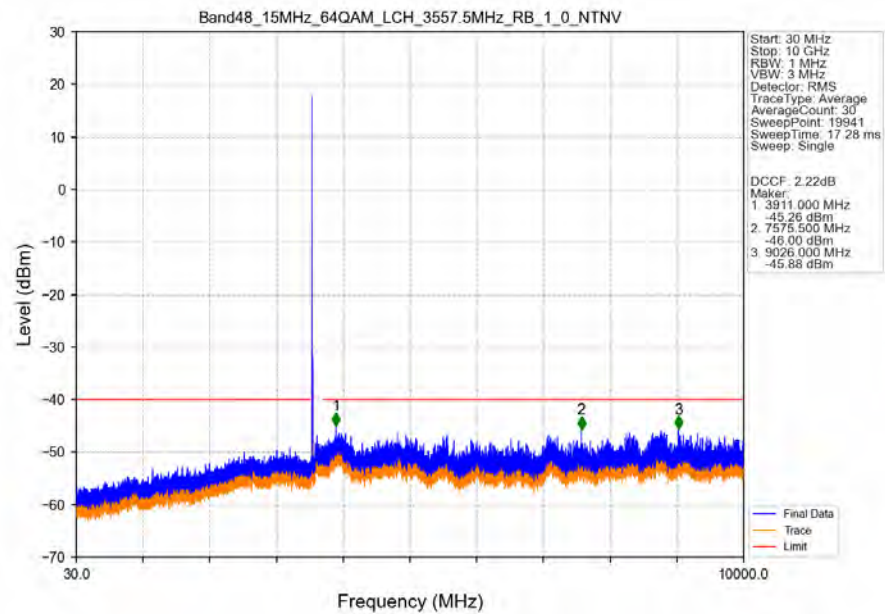
Band48_15MHz_64QAM_LCH_3557.5MHz_RB_1_0_NTNV



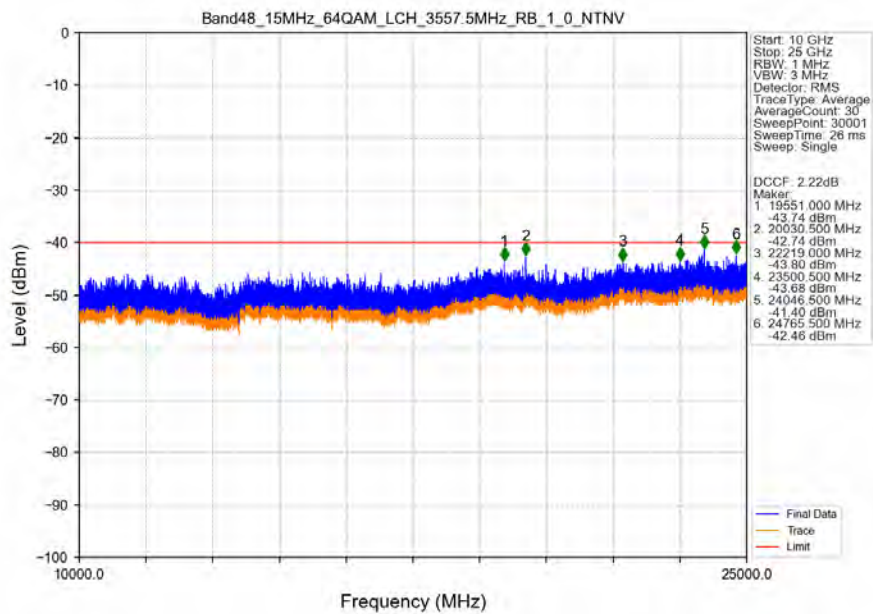
Band48_15MHz_64QAM_LCH_3557.5MHz_RB_1_0_NTNV



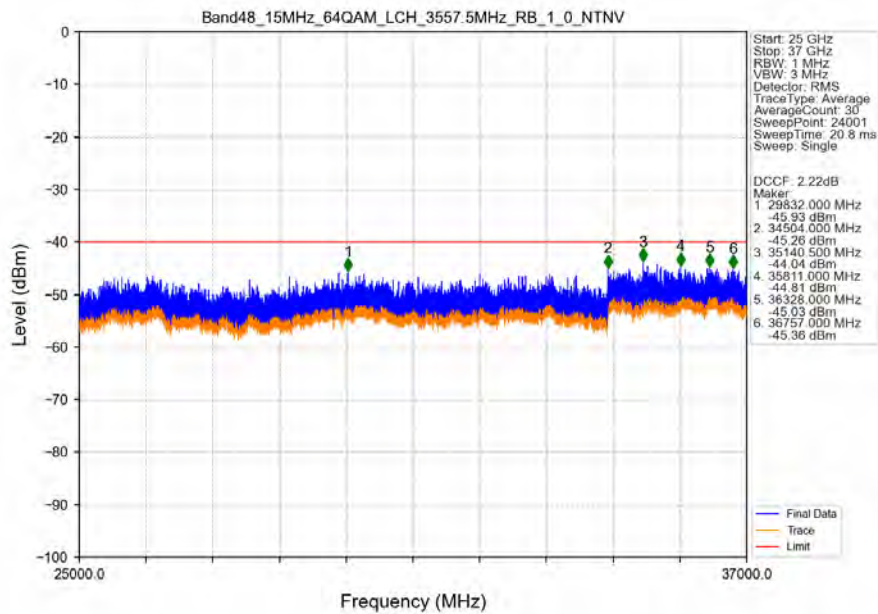
Band48_15MHz_64QAM_LCH_3557.5MHz_RB_1_0_NTNV



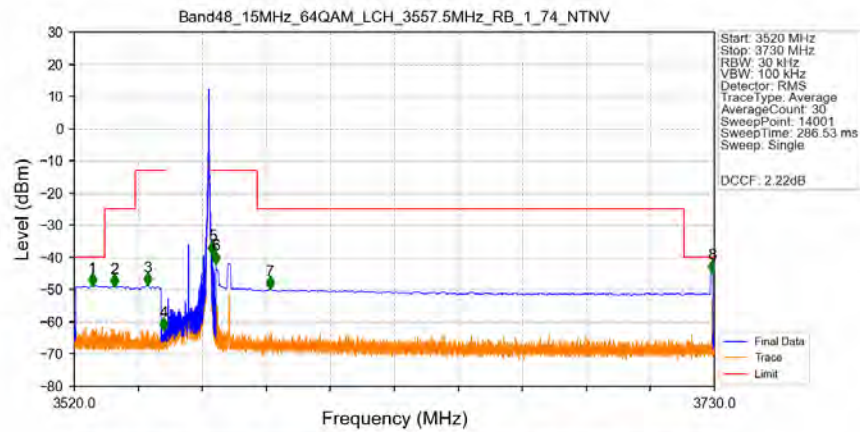
Band48_15MHz_64QAM_LCH_3557.5MHz_RB_1_0_NTNV



Band48_15MHz_64QAM_LCH_3557.5MHz_RB_1_0_NTNV

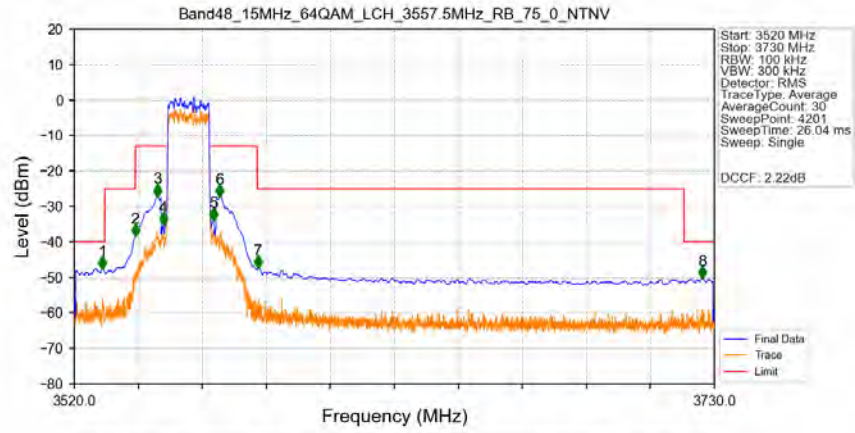


Band48_15MHz_64QAM_LCH_3557.5MHz_RB_1_74_NTNV

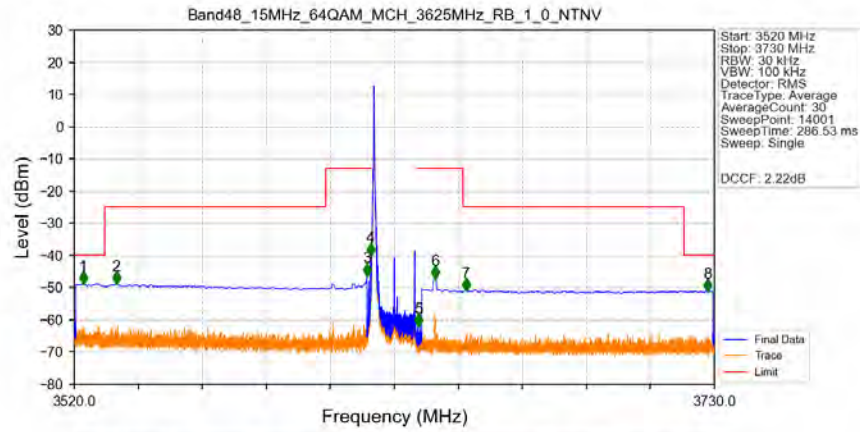


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.865	-48.66	-40	Pass
3530	3540	1	CHP	2	3533.080	-48.81	-25	Pass
3540	3549	1	CHP	3	3544.030	-48.40	-13	Pass
3549	3550	0.03	/	4	3549.400	-62.36	-13	Pass
3550	3565	0.03	/	/	/	/	/	/
3565	3566	0.03	/	5	3565.285	-38.66	-13	Pass
3566	3580	1	CHP	6	3566.500	-41.70	-13	Pass
3580	3720	1	CHP	7	3584.320	-49.62	-25	Pass
3720	3730	1	CHP	8	3729.340	-44.50	-40	Pass

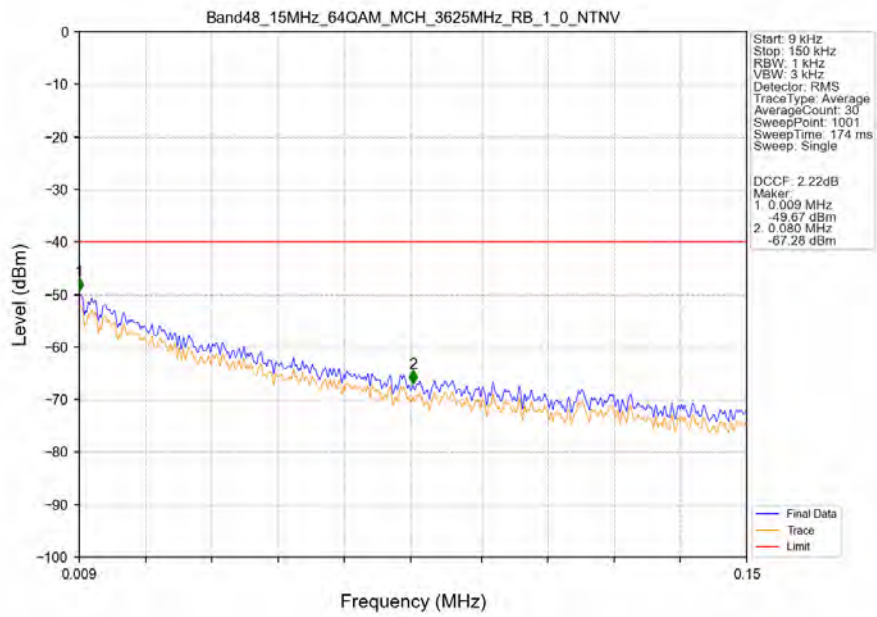
Band48_15MHz_64QAM_LCH_3557.5MHz_RB_75_0_NTNV



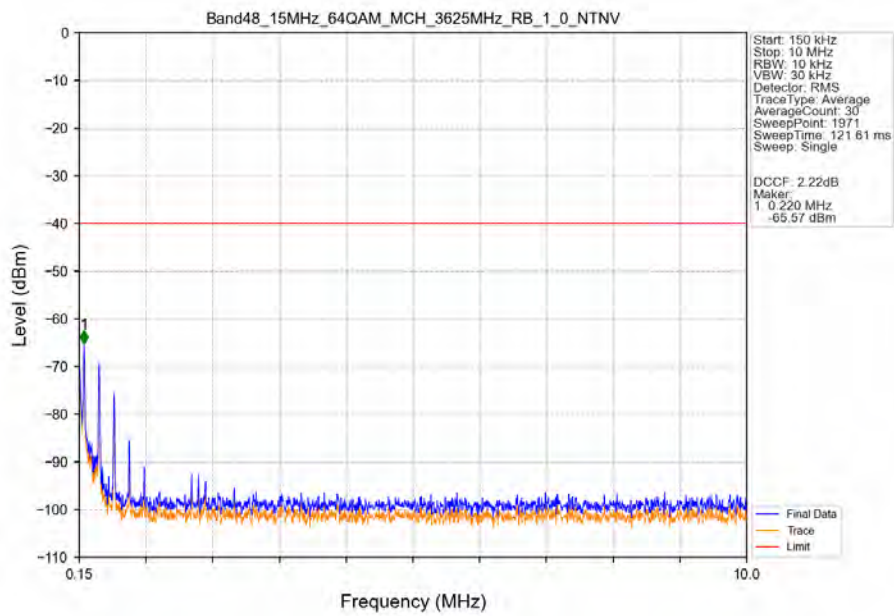
Band48_15MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



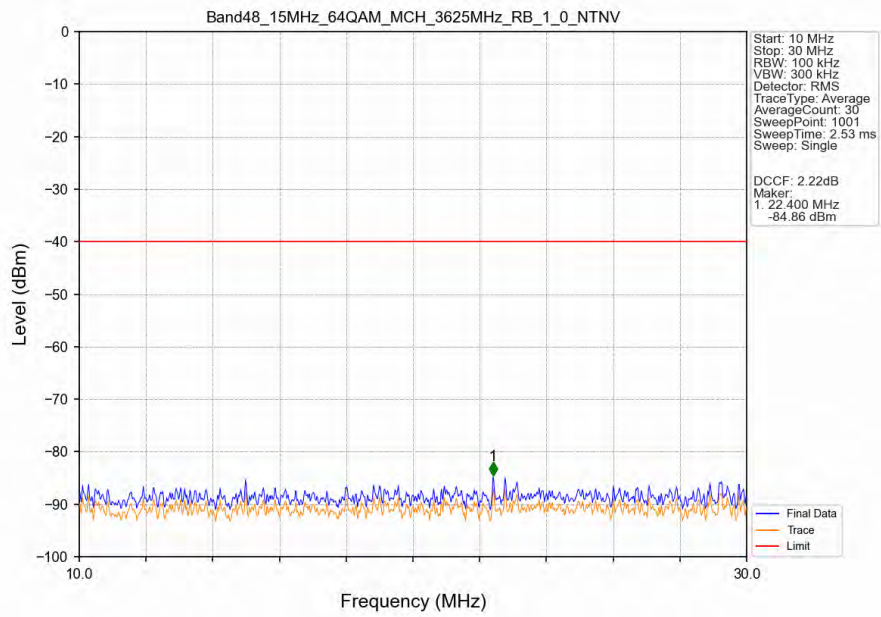
Band48_15MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



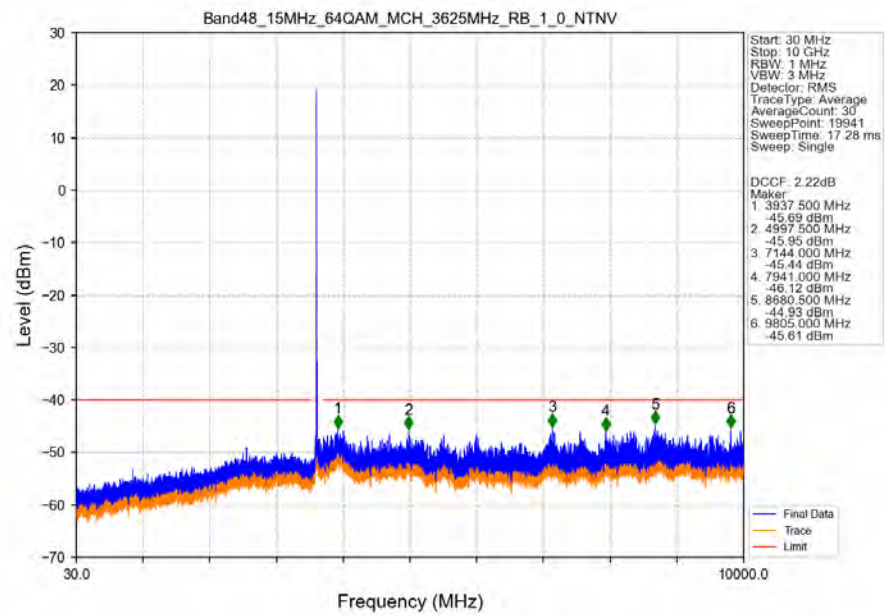
Band48_15MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



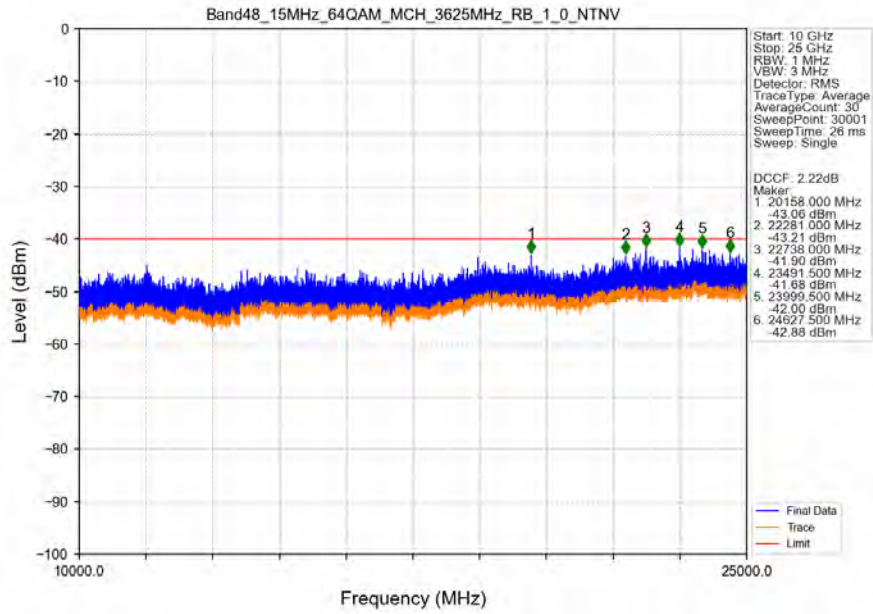
Band48_15MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



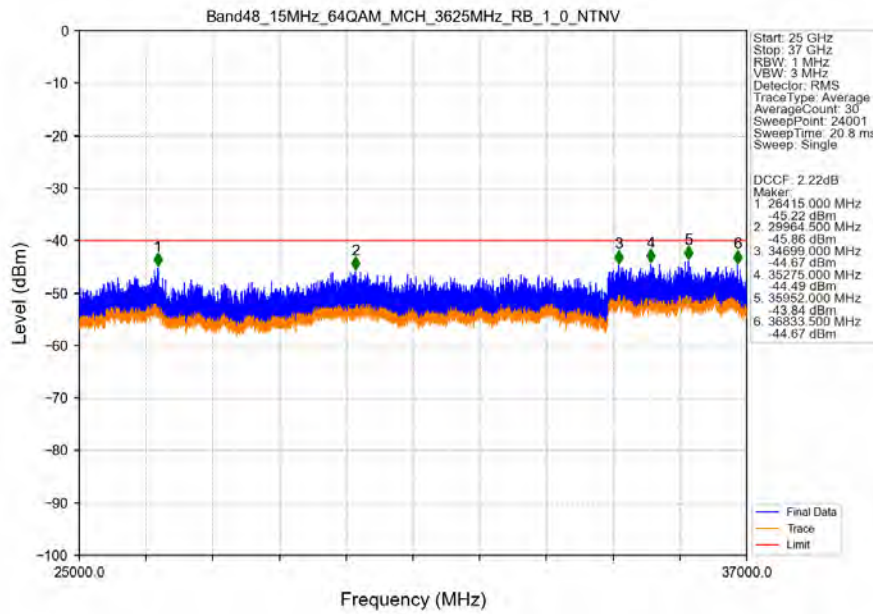
Band48_15MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



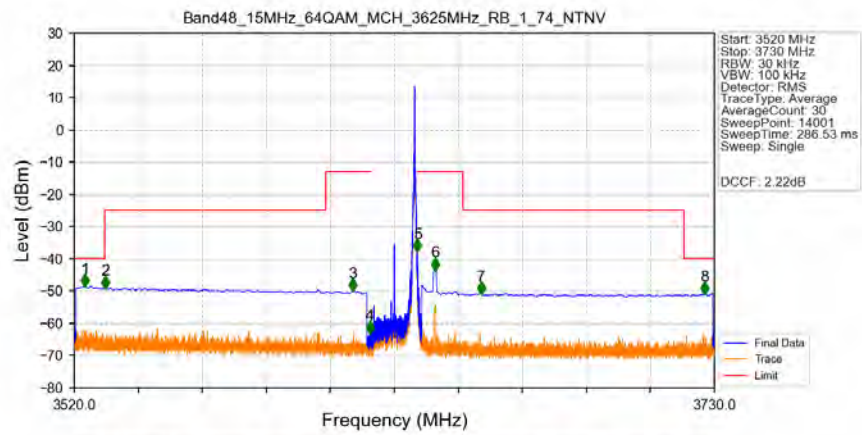
Band48_15MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



Band48_15MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV

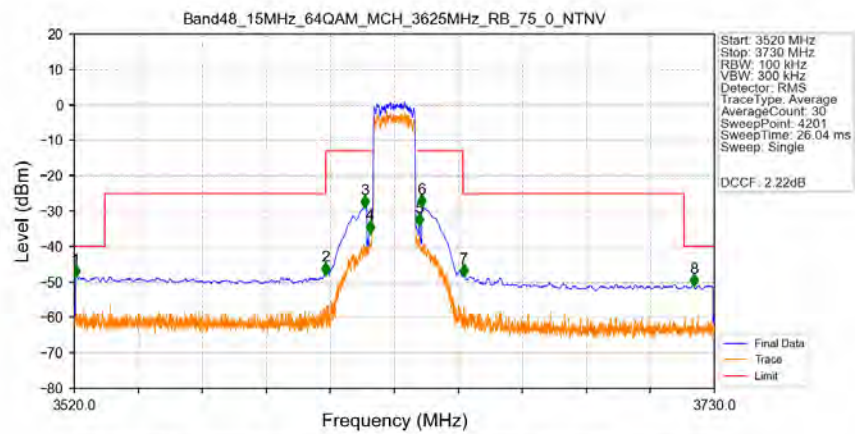


Band48 15MHz 64QAM MCH 3625MHz RB 1 74 NTN



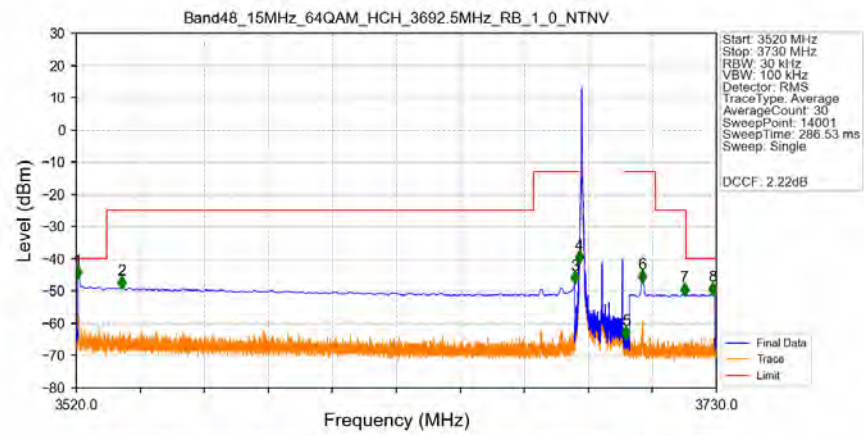
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3523.555	-48.44	-40	Pass
3530	3602.5	1	CHP	2	3530.290	-49.02	-25	Pass
3602.5	3616.5	1	CHP	3	3611.440	-49.85	-13	Pass
3616.5	3617.5	0.03	/	4	3617.065	-62.85	-13	Pass
3617.5	3632.5	0.03	/	/	/	/	/	/
3632.5	3633.5	0.03	/	5	3632.545	-37.56	-13	Pass
3633.5	3647.5	1	CHP	6	3638.425	-43.32	-13	Pass
3647.5	3720	1	CHP	7	3653.440	-50.77	-25	Pass
3720	3730	1	CHP	8	3726.880	-50.67	-40	Pass

Band48 15MHz 64QAM MCH 3625MHz RB 75 0 NTN



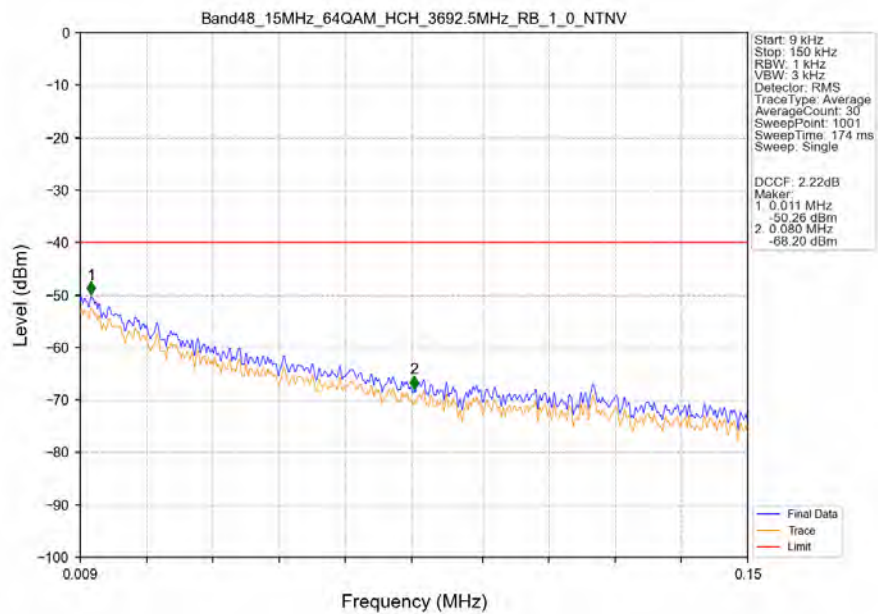
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3520.500	-48.43	-40	Pass
3530	3602.5	1	CHP	2	3602.450	-47.76	-25	Pass
3602.5	3616.5	1	CHP	3	3615.350	-28.86	-13	Pass
3616.5	3617.5	0.148	CHP	4	3616.950	-36.00	-13	Pass
3617.5	3632.5	0.148	CHP	/	/	/	/	/
3632.5	3633.5	0.148	CHP	5	3633.250	-34.02	-13	Pass
3633.5	3647.5	1	CHP	6	3634.000	-28.69	-13	Pass
3647.5	3720	1	CHP	7	3647.750	-48.25	-25	Pass
3720	3730	1	CHP	8	3723.200	-50.99	-40	Pass

Band48_15MHz_64QAM_HCH_3692.5MHz_RB_1_0_NTNV

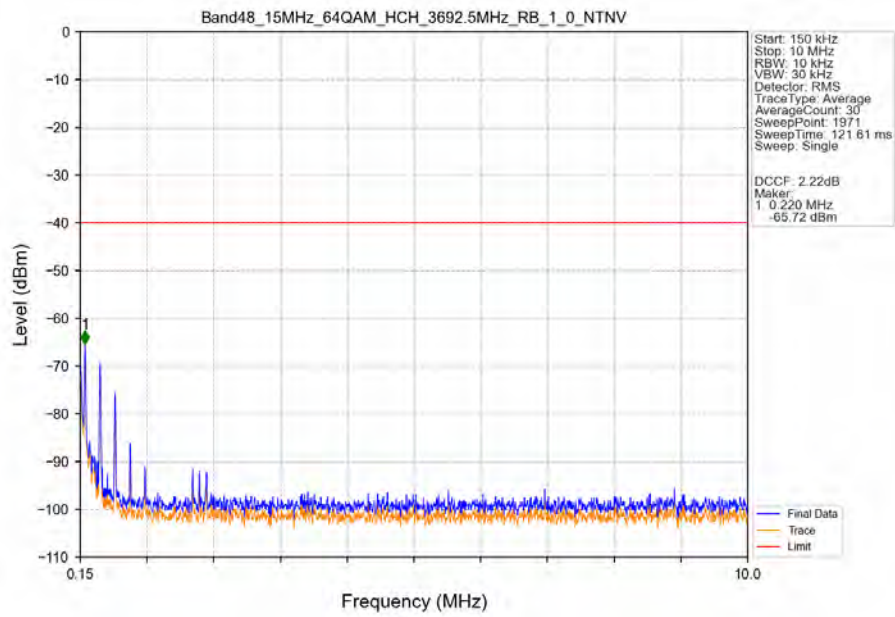


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3520.510	-45.78	-40	Pass
3530	3670	1	CHP	2	3534.850	-48.96	-25	Pass
3670	3684	1	CHP	3	3683.500	-47.41	-13	Pass
3684	3685	0.03	/	4	3684.970	-41.19	-13	Pass
3685	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.330	-64.48	-13	Pass
3701	3710	1	CHP	6	3705.700	-47.13	-13	Pass
3710	3720	1	CHP	7	3719.470	-51.08	-25	Pass
3720	3730	1	CHP	8	3728.725	-50.87	-40	Pass

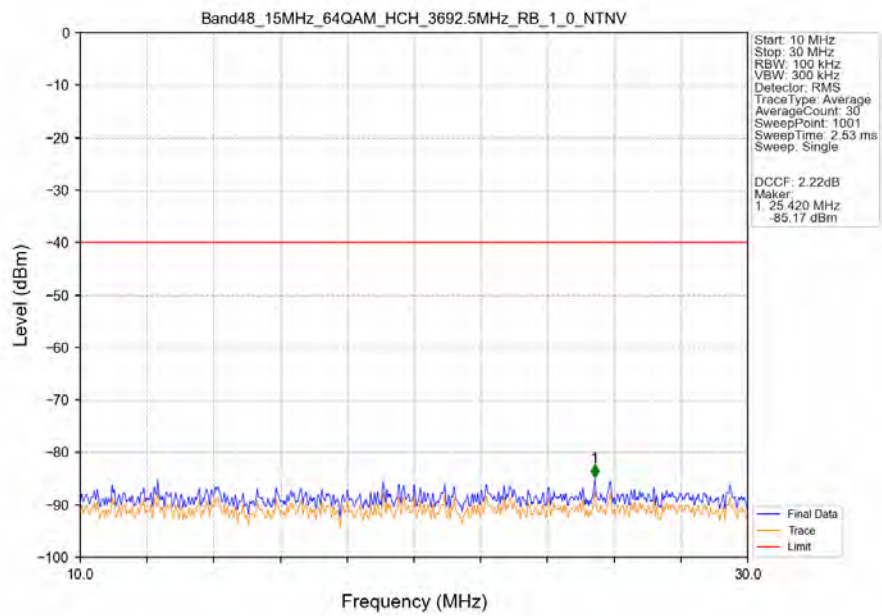
Band48_15MHz_64QAM_HCH_3692.5MHz_RB_1_0_NTNV



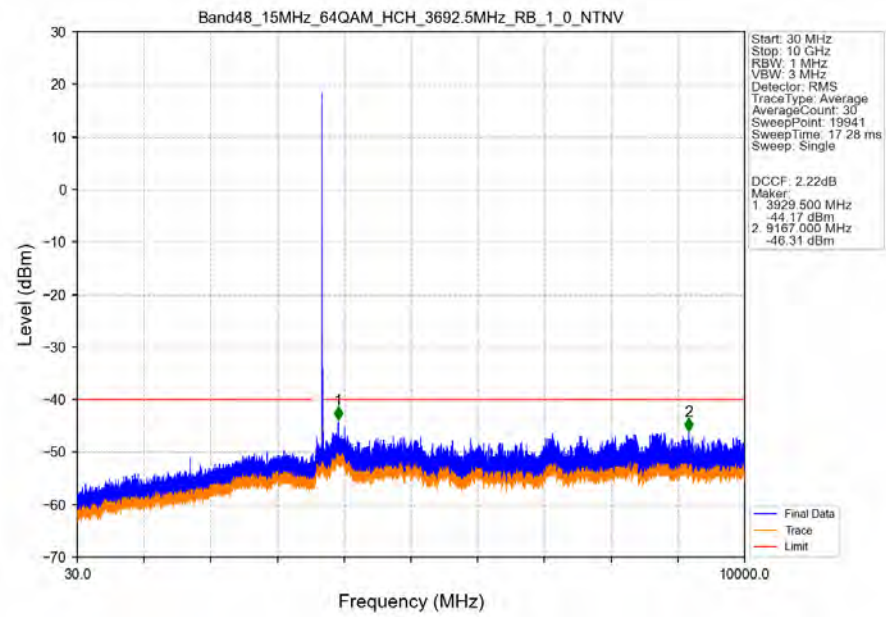
Band48_15MHz_64QAM_HCH_3692.5MHz_RB_1_0_NTNV



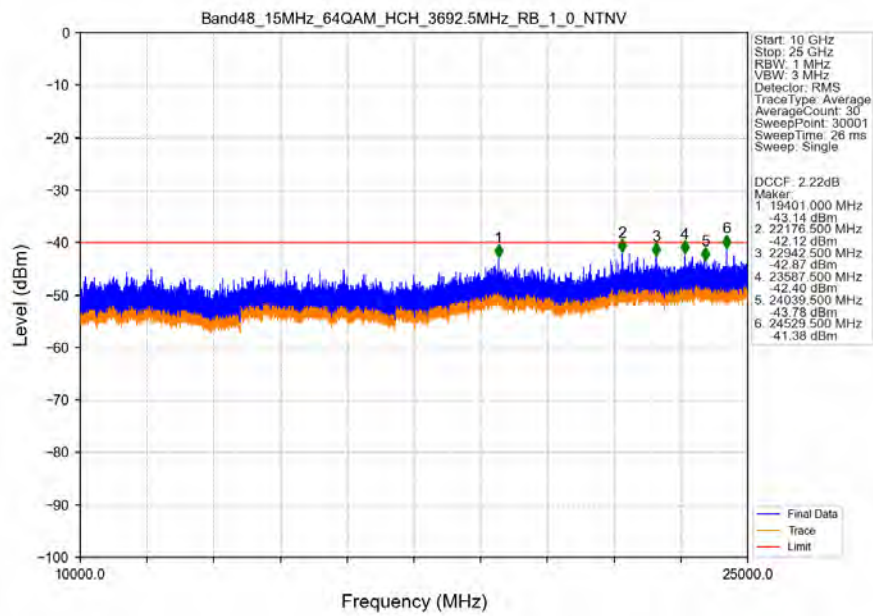
Band48_15MHz_64QAM_HCH_3692.5MHz_RB_1_0_NTNV



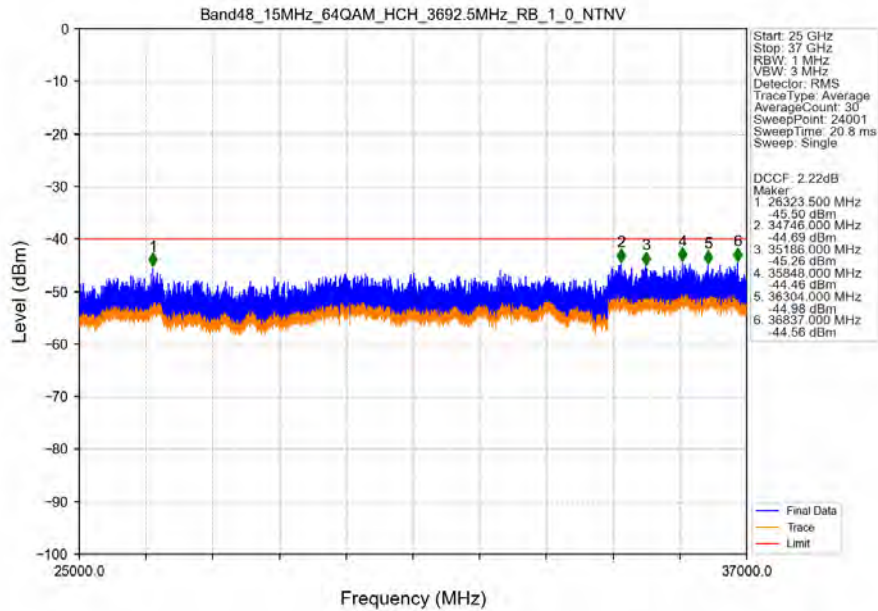
Band48_15MHz_64QAM_HCH_3692.5MHz_RB_1_0_NTNV



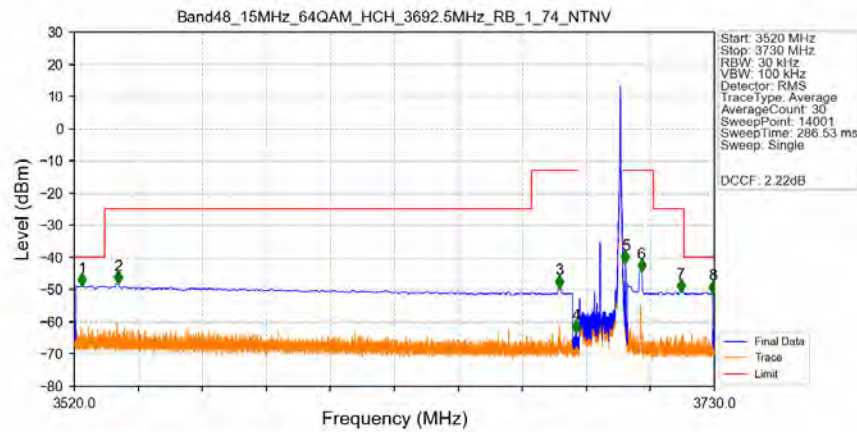
Band48_15MHz_64QAM_HCH_3692.5MHz_RB_1_0_NTNV



Band48_15MHz_64QAM_HCH_3692.5MHz_RB_1_0_NTNV

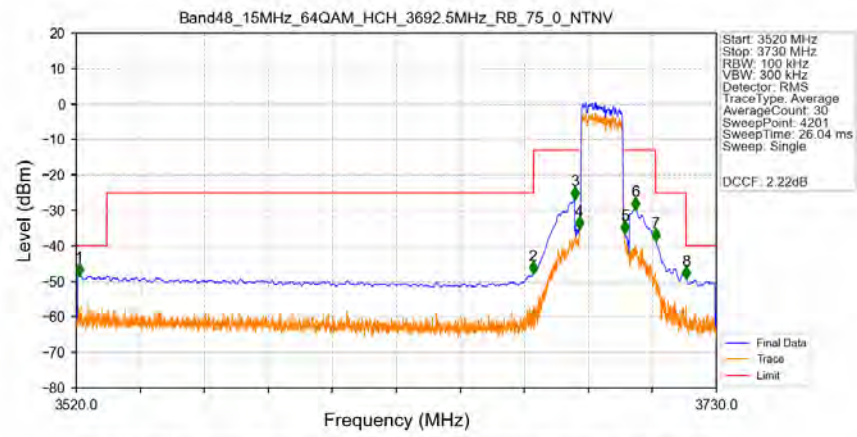


Band48_15MHz_64QAM_HCH_3692.5MHz_RB_1_74_NTNV



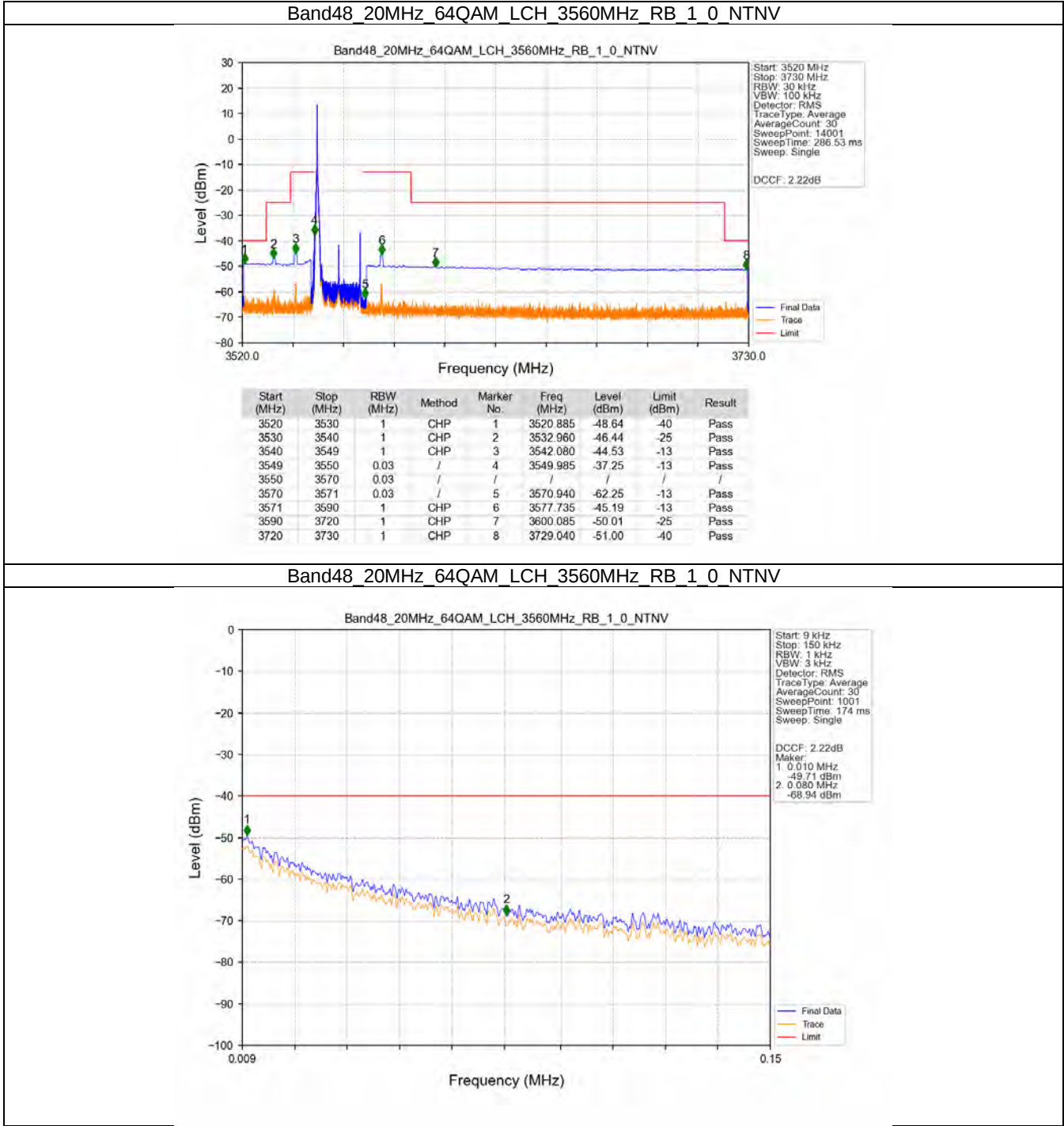
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3522.580	-48.70	-40	Pass
3530	3670	1	CHP	2	3534.355	-47.92	-25	Pass
3670	3684	1	CHP	3	3679.165	-49.25	-13	Pass
3684	3685	0.03	/	4	3684.595	-63.14	-13	Pass
3685	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.810	-41.54	-13	Pass
3701	3710	1	CHP	6	3706.060	-44.19	-13	Pass
3710	3720	1	CHP	7	3719.125	-50.57	-25	Pass
3720	3730	1	CHP	8	3729.490	-50.90	-40	Pass

Band48_15MHz_64QAM_HCH_3692.5MHz_RB_75_0_NTNV

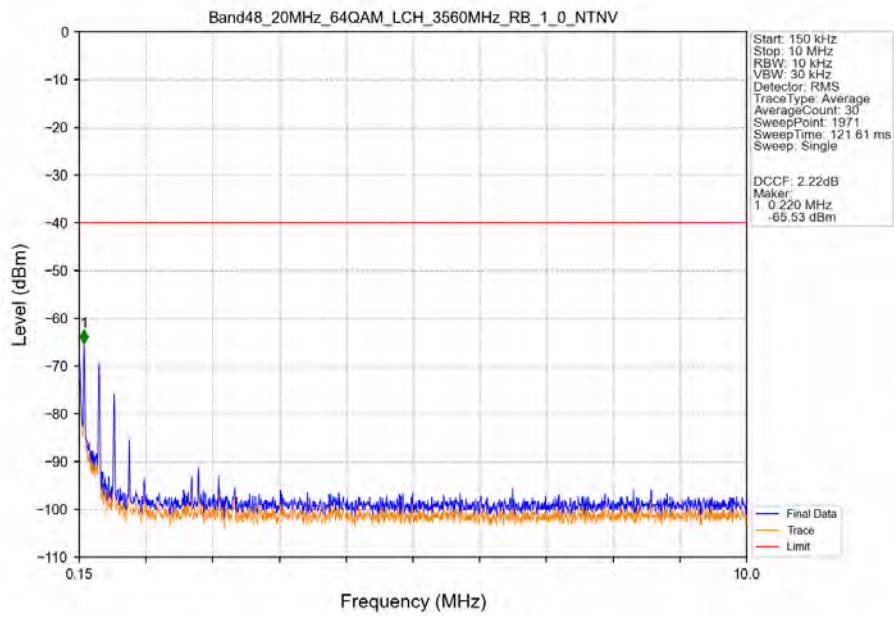


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3520.950	-48.17	-40	Pass
3530	3670	1	CHP	2	3669.850	-47.70	-25	Pass
3670	3684	1	CHP	3	3683.500	-26.62	-13	Pass
3684	3685	0.147	CHP	4	3684.950	-34.98	-13	Pass
3685	3700	0.147	CHP	/	/	/	/	/
3700	3701	0.147	CHP	5	3700.050	-36.35	-13	Pass
3701	3710	1	CHP	6	3703.450	-29.57	-13	Pass
3710	3720	1	CHP	7	3710.050	-38.39	-25	Pass
3720	3730	1	CHP	8	3720.050	-49.13	-40	Pass

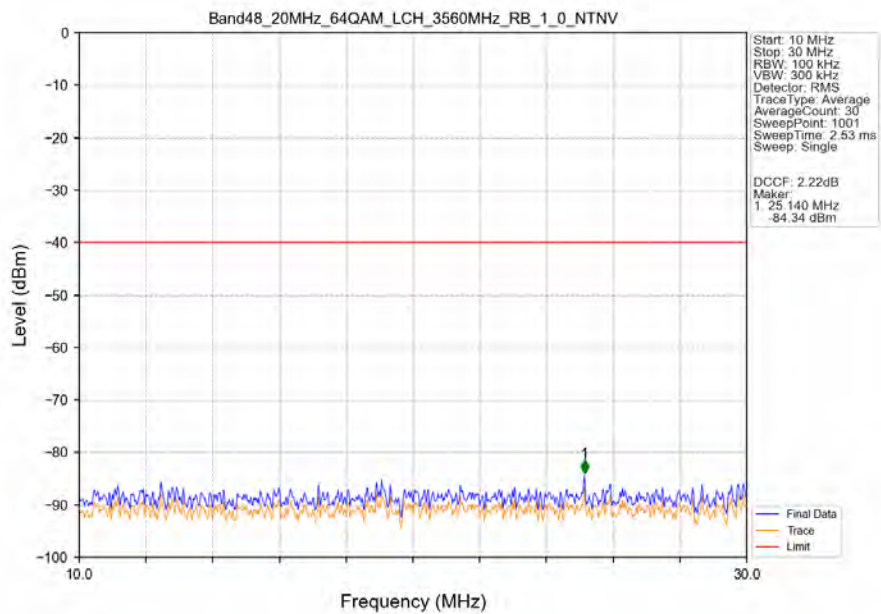
5.2.4 B48_20MHz



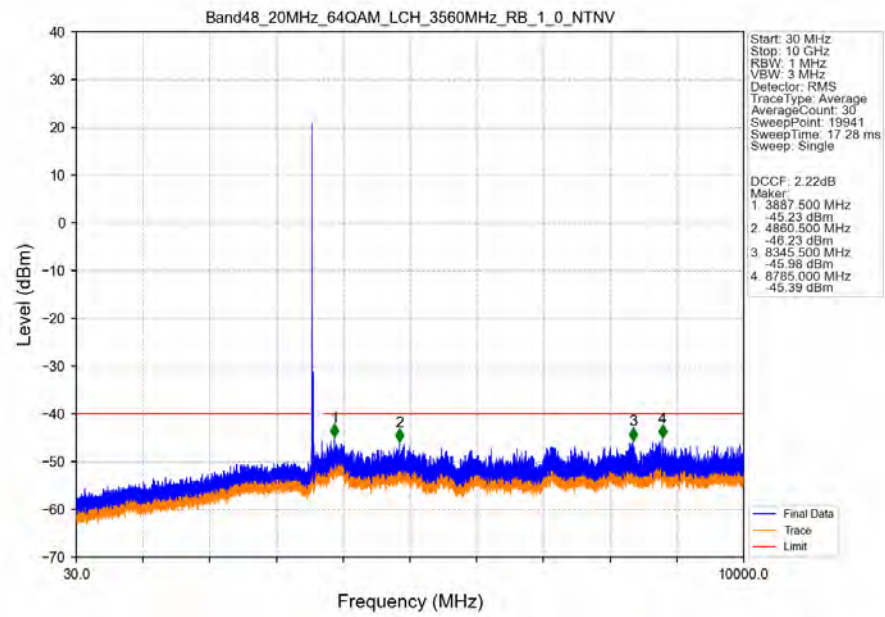
Band48_20MHz_64QAM_LCH_3560MHz_RB_1_0_NTNV



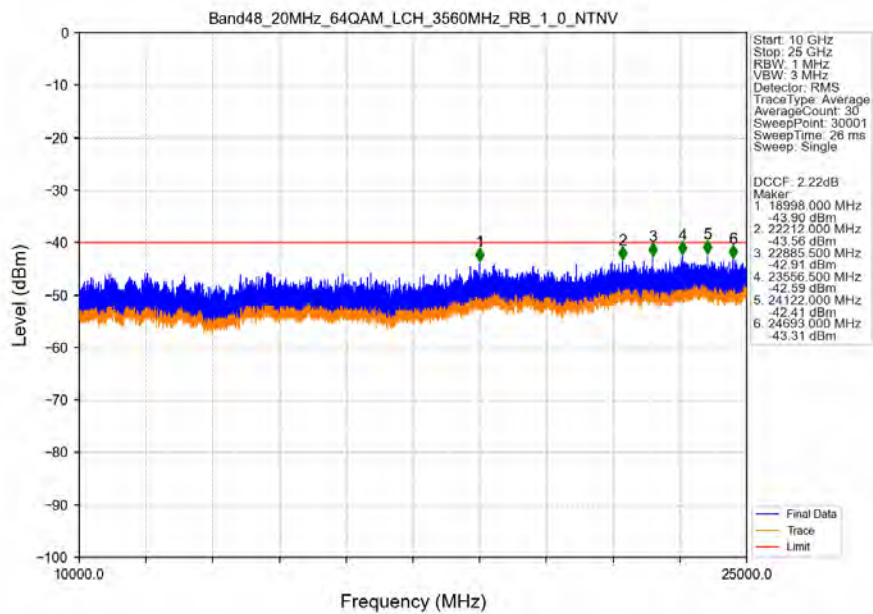
Band48_20MHz_64QAM_LCH_3560MHz_RB_1_0_NTNV



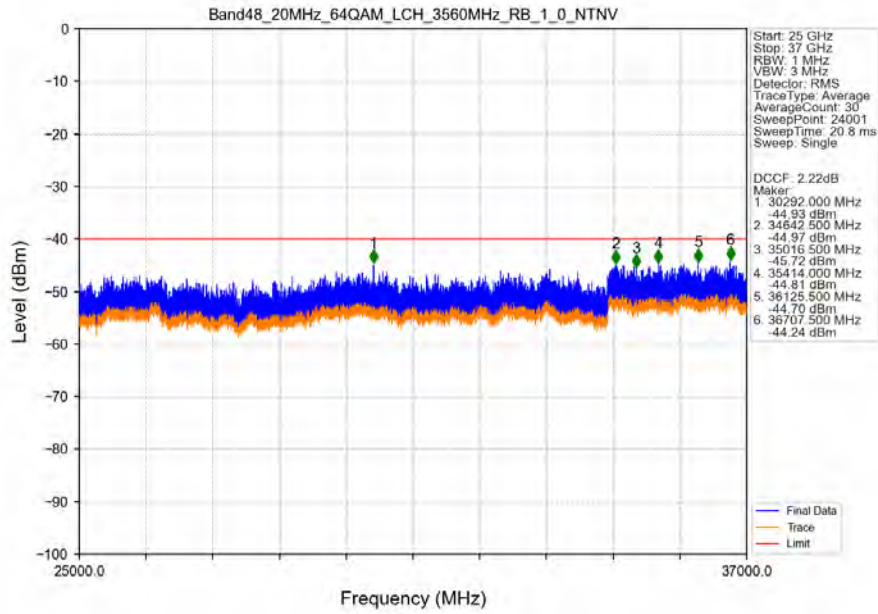
Band48_20MHz_64QAM_LCH_3560MHz_RB_1_0_NTNV



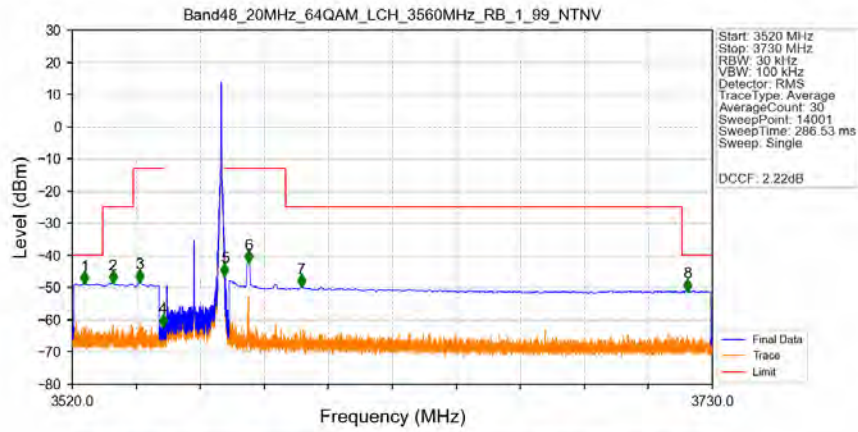
Band48_20MHz_64QAM_LCH_3560MHz_RB_1_0_NTNV



Band48_20MHz_64QAM_LCH_3560MHz_RB_1_0_NTNV

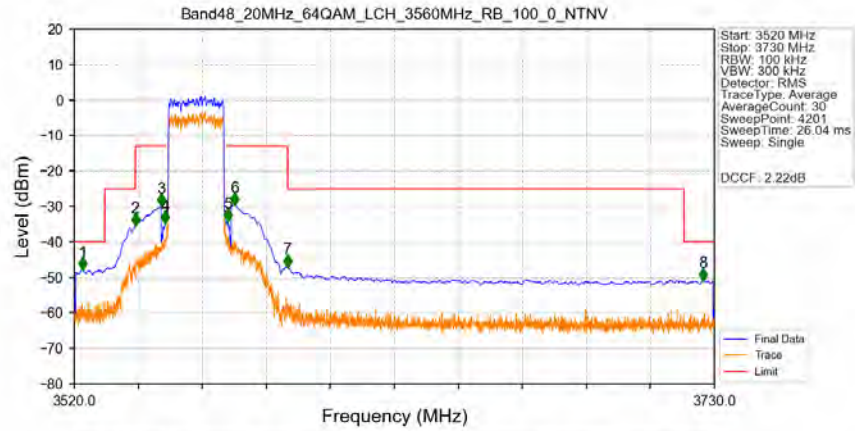


Band48_20MHz_64QAM_LCH_3560MHz_RB_1_99_NTNV



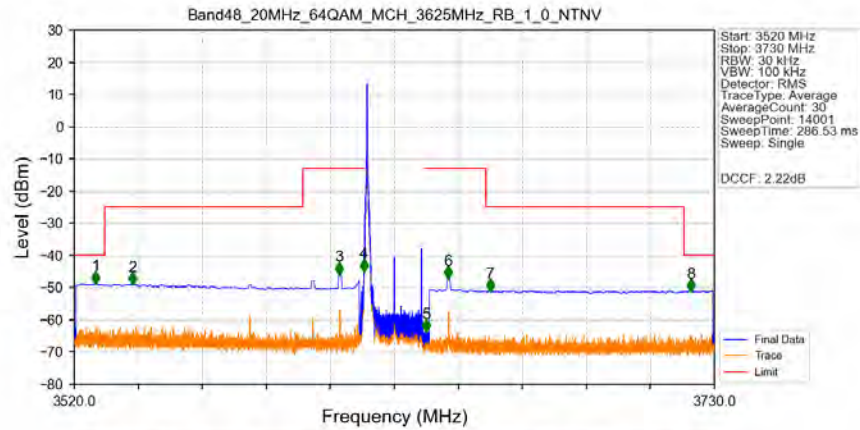
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3524.050	-48.59	-40	Pass
3530	3540	1	CHP	2	3533.320	-48.45	-25	Pass
3540	3549	1	CHP	3	3542.080	-48.07	-13	Pass
3549	3550	0.03	/	4	3549.760	-61.91	-13	Pass
3550	3570	0.03	/	/	/	/	/	/
3570	3571	0.03	/	5	3570.010	-46.15	-13	Pass
3571	3590	1	CHP	6	3577.945	-42.03	-13	Pass
3590	3720	1	CHP	7	3595.270	-49.65	-25	Pass
3720	3730	1	CHP	8	3721.885	-50.85	-40	Pass

Band48_20MHz_64QAM_LCH_3560MHz_RB_100_0_NTNV



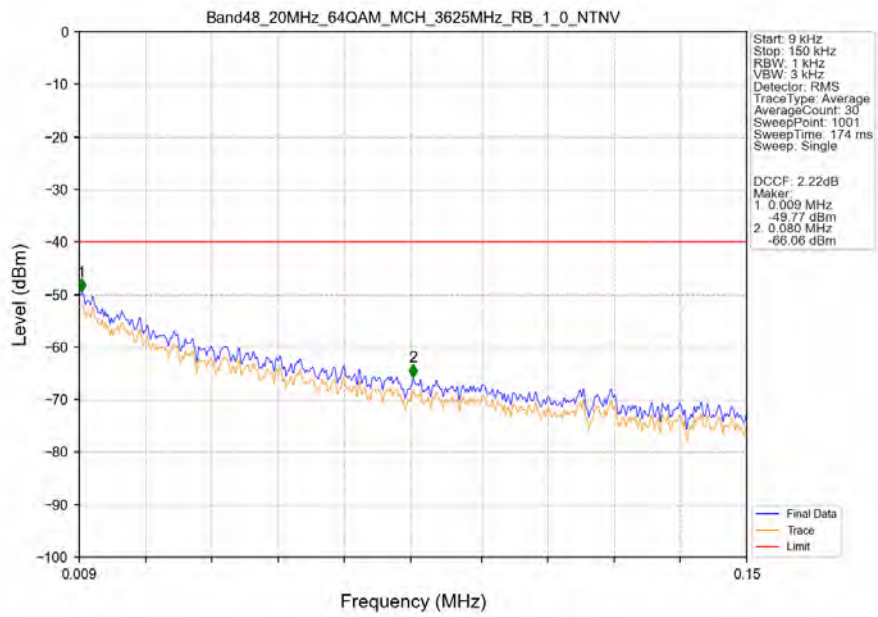
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3522.850	-47.65	-40	Pass
3530	3540	1	CHP	2	3540.000	-35.28	-25	Pass
3540	3549	1	CHP	3	3548.500	-29.74	-13	Pass
3549	3550	0.197	CHP	4	3549.900	-34.53	-13	Pass
3550	3570	0.197	CHP	/	/	/	/	/
3570	3571	0.197	CHP	5	3570.300	-33.98	-13	Pass
3571	3590	1	CHP	6	3572.650	-29.45	-13	Pass
3590	3720	1	CHP	7	3590.050	-46.90	-25	Pass
3720	3730	1	CHP	8	3726.300	-50.73	-40	Pass

Band48_20MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV

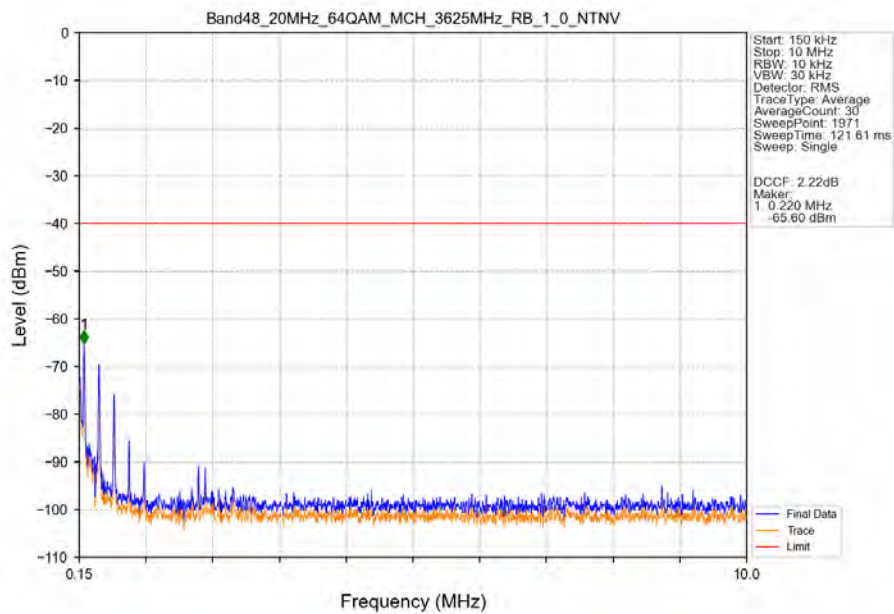


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3526.990	-48.54	-40	Pass
3530	3595	1	CHP	2	3539.080	-48.81	-25	Pass
3595	3614	1	CHP	3	3606.910	-45.67	-13	Pass
3614	3615	0.03	/	4	3614.950	-44.77	-13	Pass
3615	3635	0.03	/	/	/	/	/	/
3635	3636	0.03	/	5	3635.335	-63.45	-13	Pass
3636	3655	1	CHP	6	3642.745	-46.91	-13	Pass
3655	3720	1	CHP	7	3656.455	-50.91	-25	Pass
3720	3730	1	CHP	8	3722.335	-50.91	-40	Pass

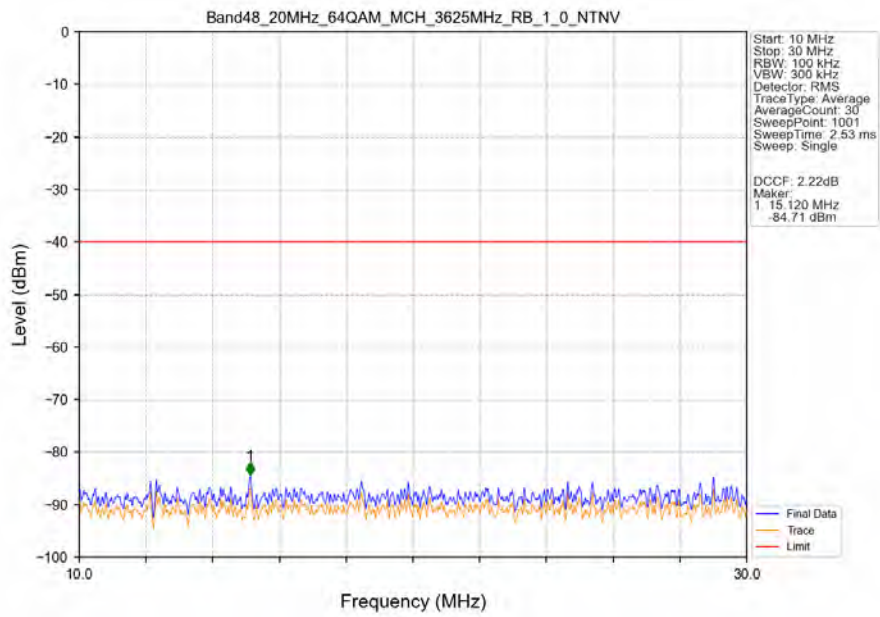
Band48_20MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



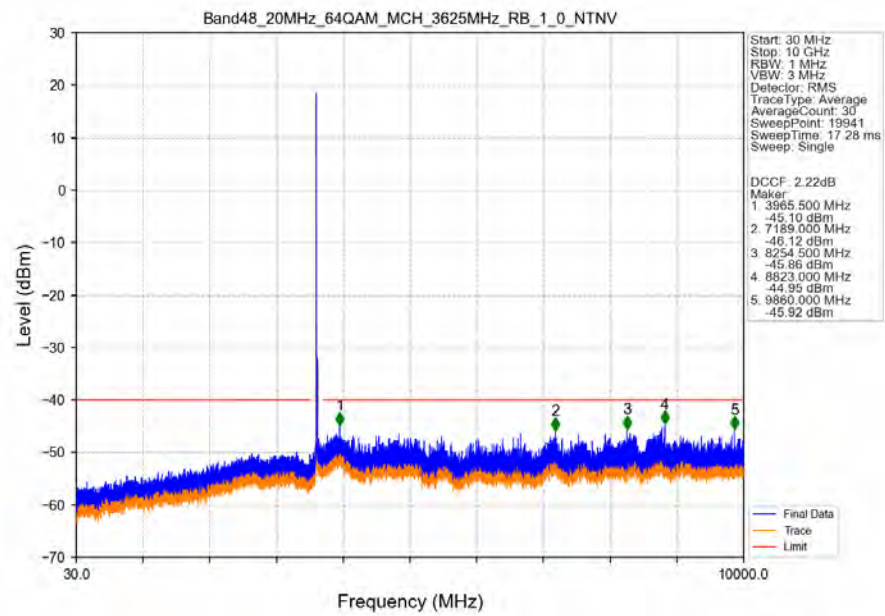
Band48_20MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



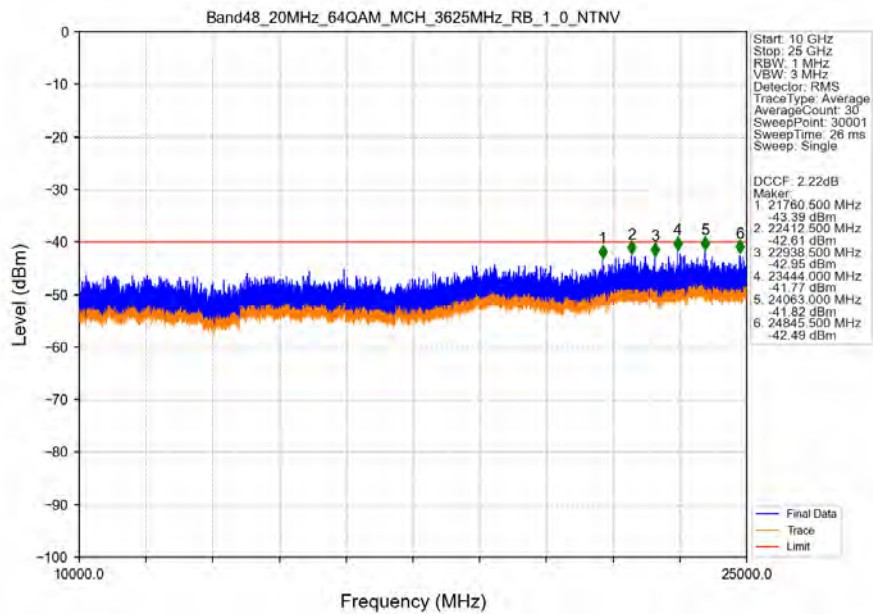
Band48_20MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



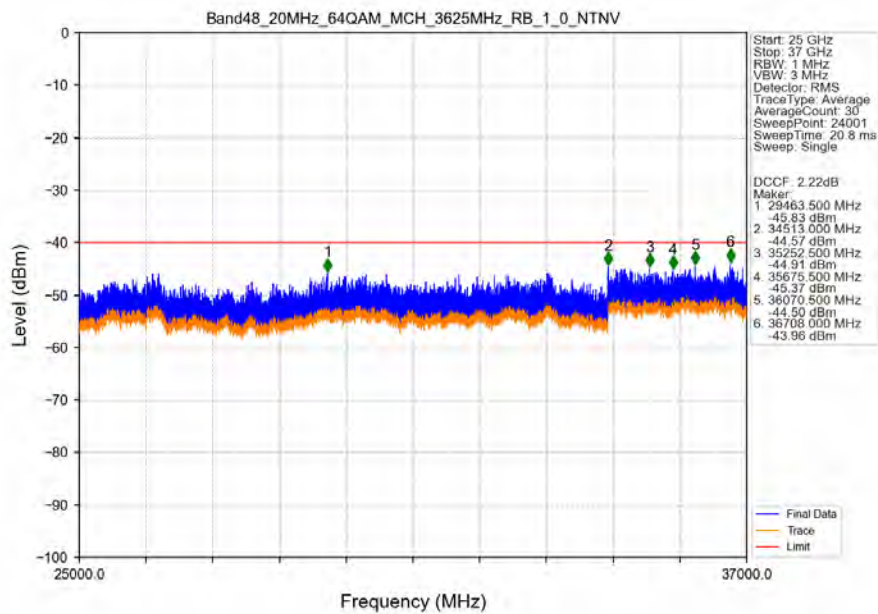
Band48_20MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



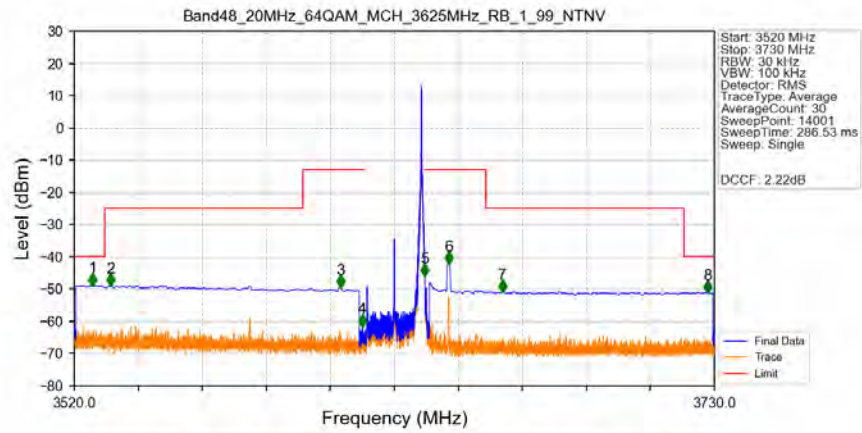
Band48_20MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



Band48_20MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV

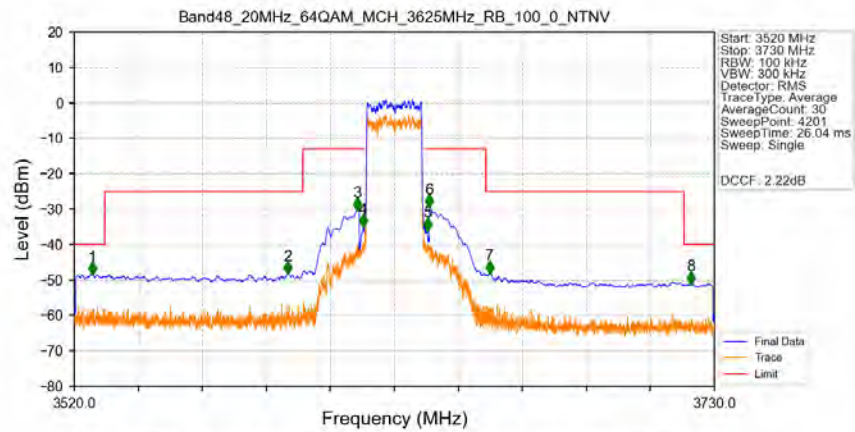


Band48_20MHz_64QAM_MCH_3625MHz_RB_1_99_NTNV



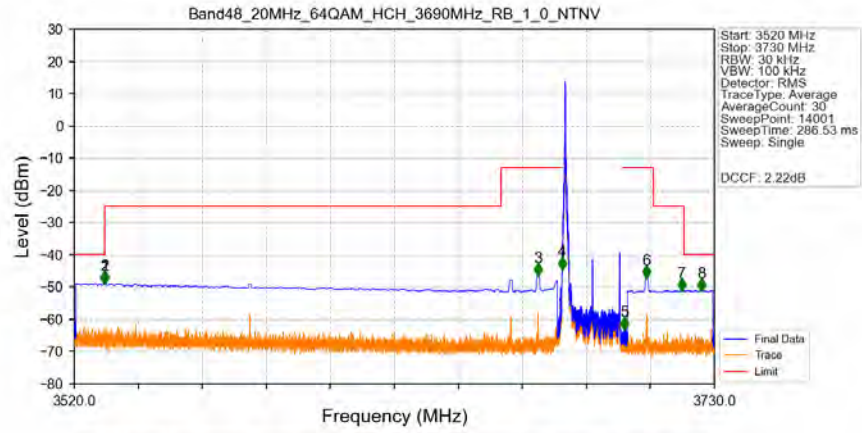
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3526.030	-48.78	-40	Pass
3530	3595	1	CHP	2	3531.940	-48.90	-25	Pass
3595	3614	1	CHP	3	3607.330	-49.27	-13	Pass
3614	3615	0.03	/	4	3614.560	-61.45	-13	Pass
3615	3635	0.03	/	/	/	/	/	/
3635	3636	0.03	/	5	3635.020	-45.80	-13	Pass
3636	3655	1	CHP	6	3642.940	-42.00	-13	Pass
3655	3720	1	CHP	7	3660.415	-50.78	-25	Pass
3720	3730	1	CHP	8	3727.660	-50.93	-40	Pass

Band48_20MHz_64QAM_MCH_3625MHz_RB_100_0_NTNV

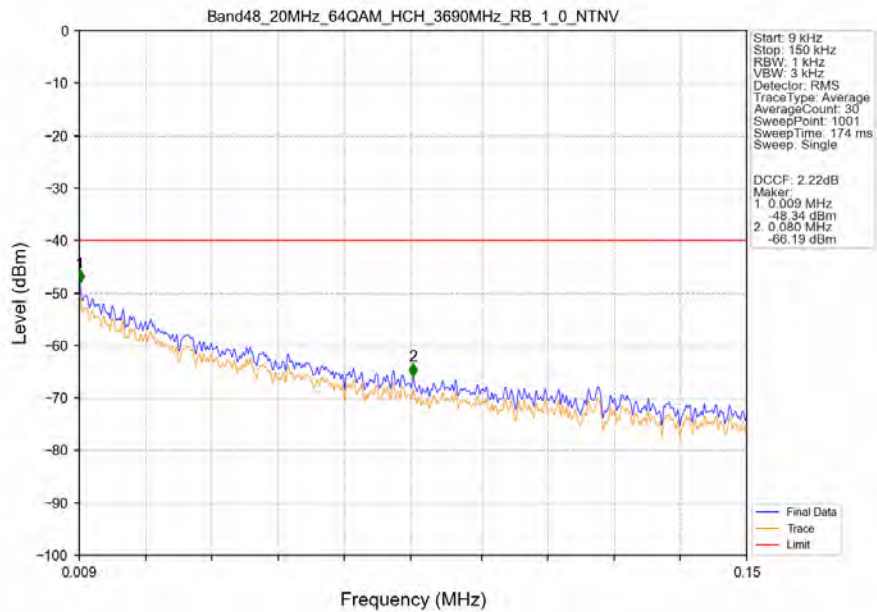


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.900	-48.23	-40	Pass
3530	3595	1	CHP	2	3590.050	-48.01	-25	Pass
3595	3614	1	CHP	3	3612.900	-30.13	-13	Pass
3614	3615	0.194	CHP	4	3614.800	-34.75	-13	Pass
3615	3635	0.194	CHP	/	/	/	/	/
3635	3636	0.194	CHP	5	3635.900	-35.78	-13	Pass
3636	3655	1	CHP	6	3636.500	-29.25	-13	Pass
3655	3720	1	CHP	7	3656.300	-47.94	-25	Pass
3720	3730	1	CHP	8	3722.350	-50.95	-40	Pass

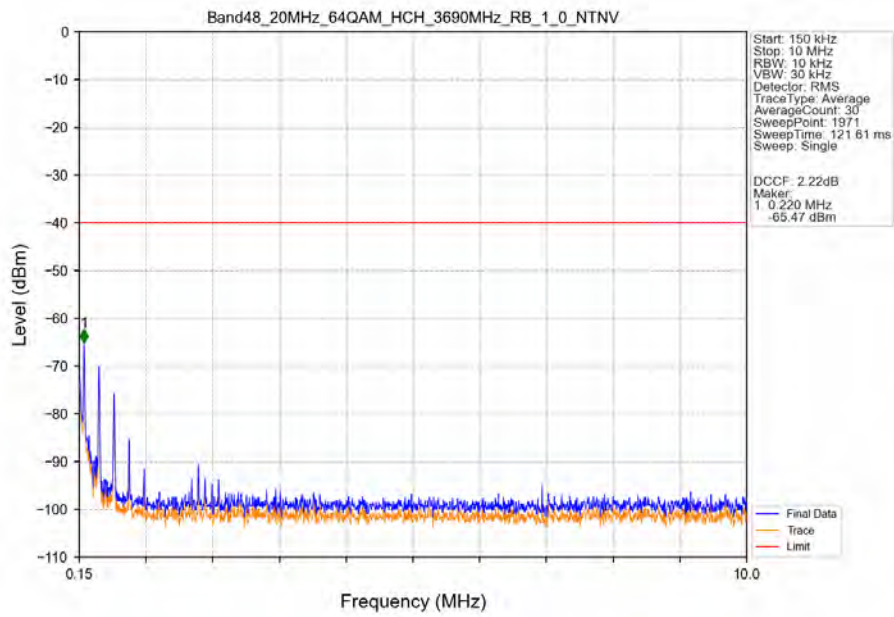
Band48_20MHz_64QAM_HCH_3690MHz_RB_1_0_NTNV



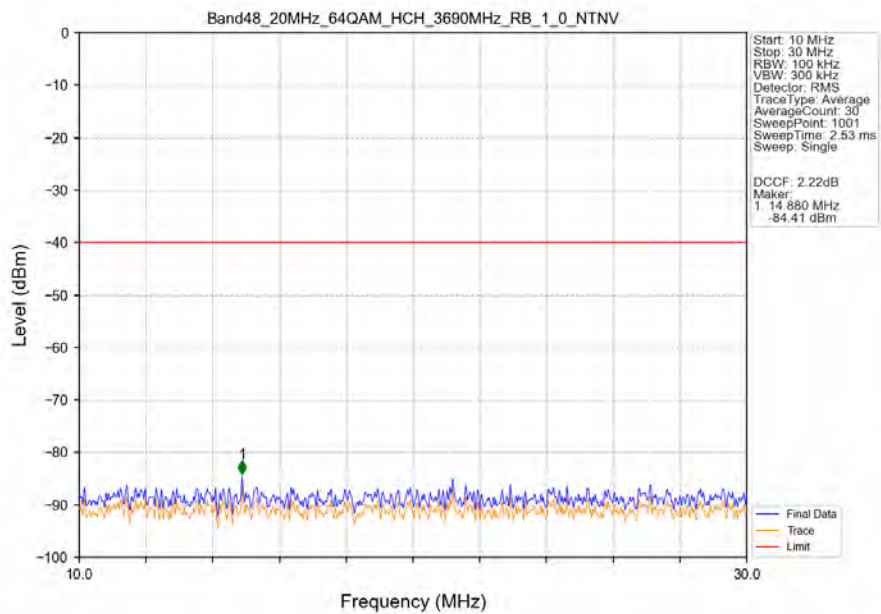
Band48_20MHz_64QAM_HCH_3690MHz_RB_1_0_NTNV



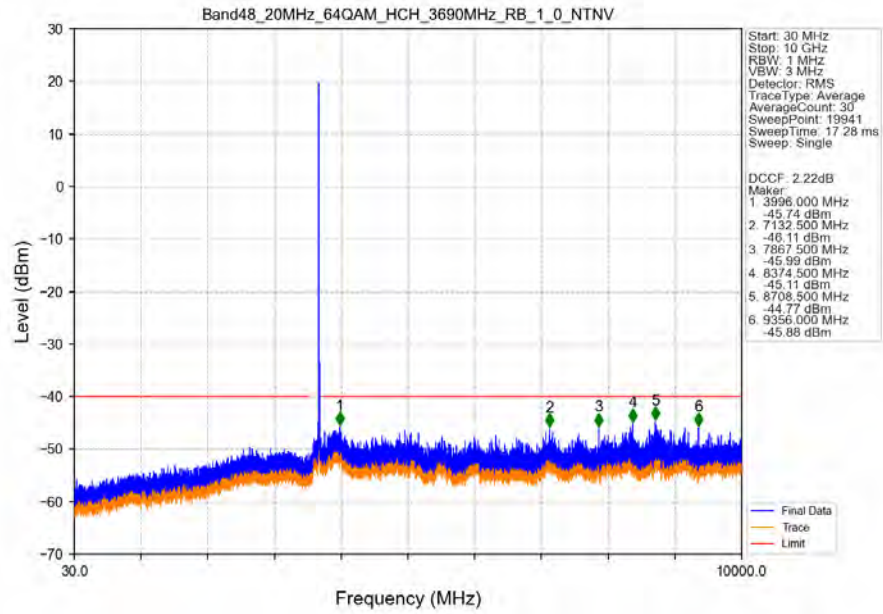
Band48_20MHz_64QAM_HCH_3690MHz_RB_1_0_NTNV



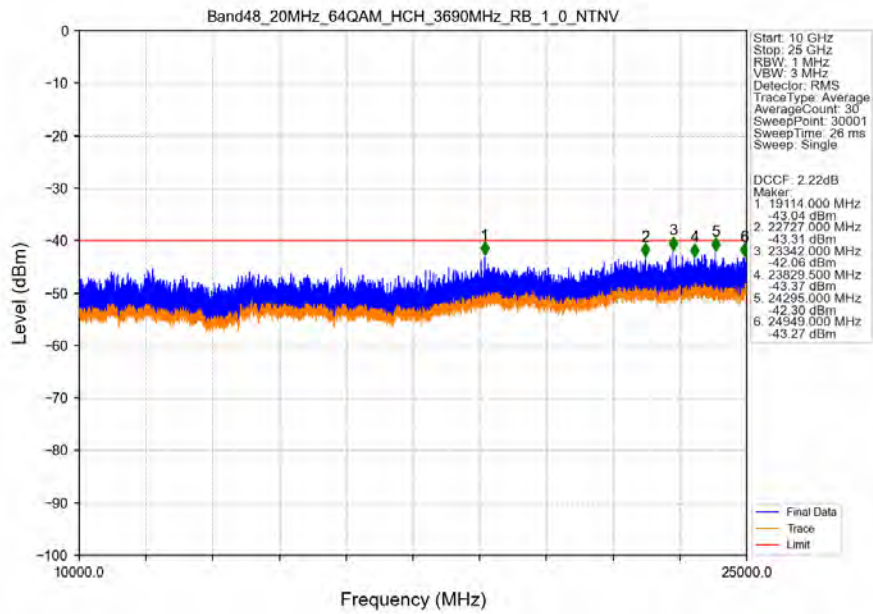
Band48_20MHz_64QAM_HCH_3690MHz_RB_1_0_NTNV



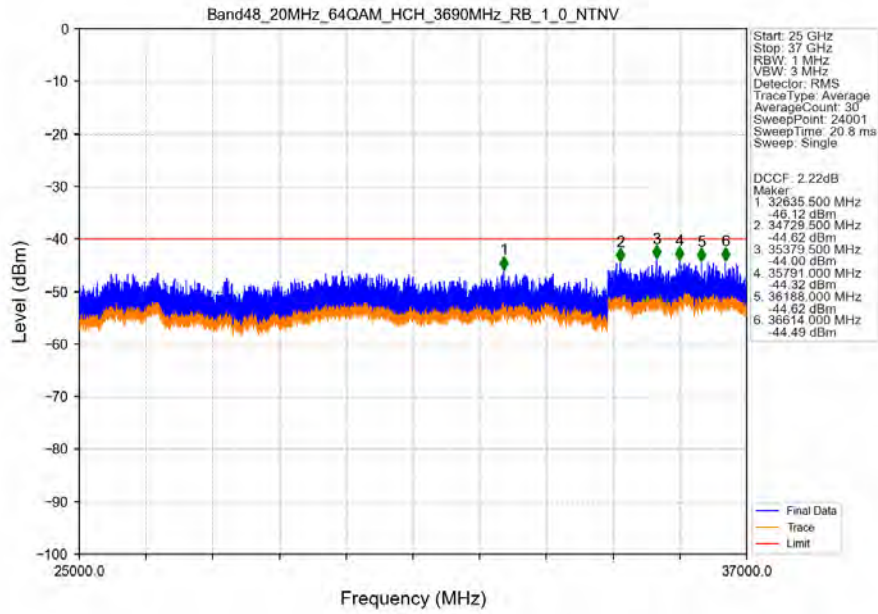
Band48_20MHz_64QAM_HCH_3690MHz_RB_1_0_NTNV



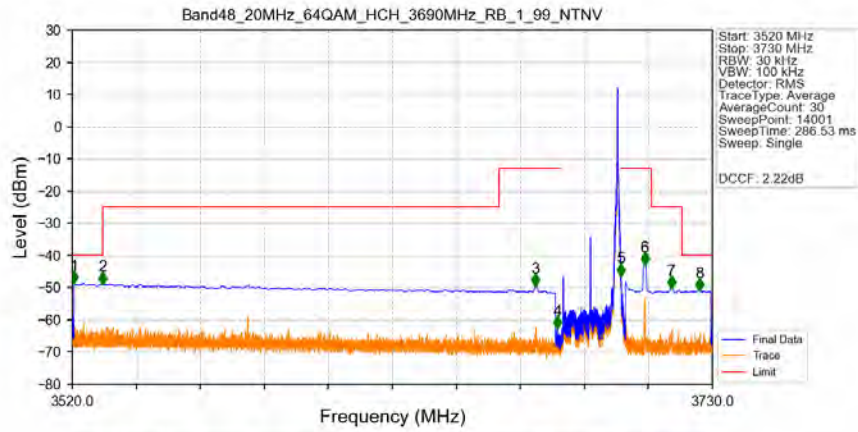
Band48_20MHz_64QAM_HCH_3690MHz_RB_1_0_NTNV



Band48_20MHz_64QAM_HCH_3690MHz_RB_1_0_NTNV

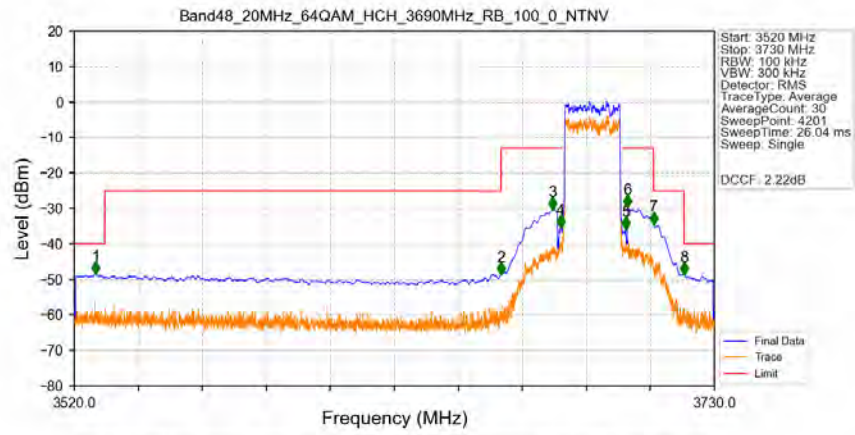


Band48_20MHz_64QAM_HCH_3690MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3520.555	-48.41	-40	Pass
3530	3660	1	CHP	2	3530.020	-48.72	-25	Pass
3660	3679	1	CHP	3	3672.025	-49.41	-13	Pass
3679	3680	0.03	/	4	3679.195	-62.50	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.015	-46.20	-13	Pass
3701	3710	1	CHP	6	3707.785	-42.79	-13	Pass
3710	3720	1	CHP	7	3716.485	-50.05	-25	Pass
3720	3730	1	CHP	8	3725.815	-50.69	-40	Pass

Band48_20MHz_64QAM_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	3527.050	-48.23	-40	Pass
3530	3660	1	CHP	2	3660.000	-48.49	-25	Pass
3660	3679	1	CHP	3	3676.950	-30.07	-13	Pass
3679	3680	0.193	CHP	4	3679.550	-35.28	-13	Pass
3680	3700	0.193	CHP	/	/	/	/	/
3700	3701	0.193	CHP	5	3700.900	-35.72	-13	Pass
3701	3710	1	CHP	6	3701.500	-29.55	-13	Pass
3710	3720	1	CHP	7	3710.050	-34.29	-25	Pass
3720	3730	1	CHP	8	3720.100	-48.51	-40	Pass

6. Adjacent Channel Leakage Ratio

6.1 Test Result

6.1.1 B48_5MHz

Band: 48 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
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

6.1.2 B48_10MHz

Band: 48 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
64QAM	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	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.3 B48_15MHz

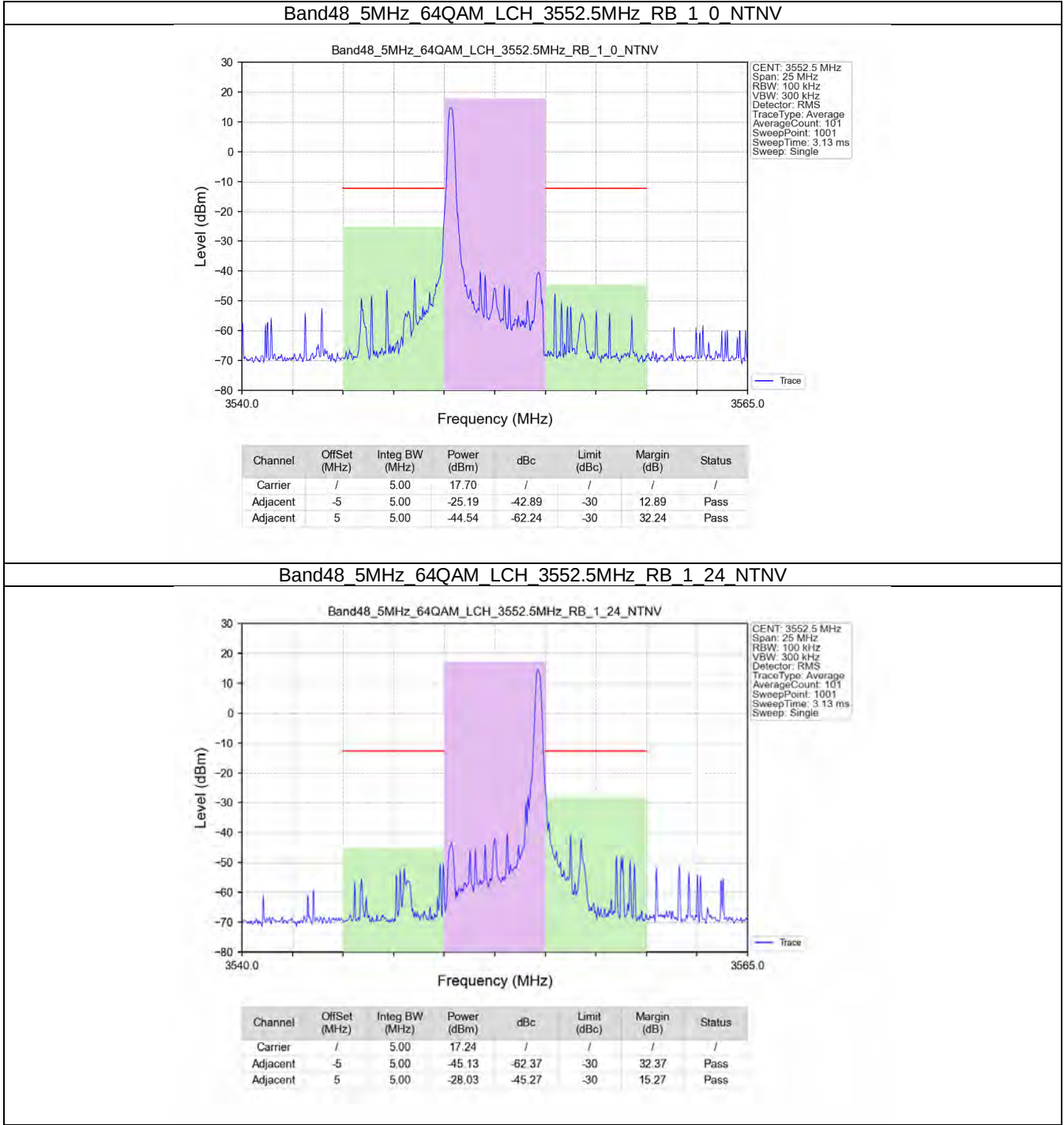
Band: 48 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
64QAM	3557.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			74	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

6.1.4 B48_20MHz

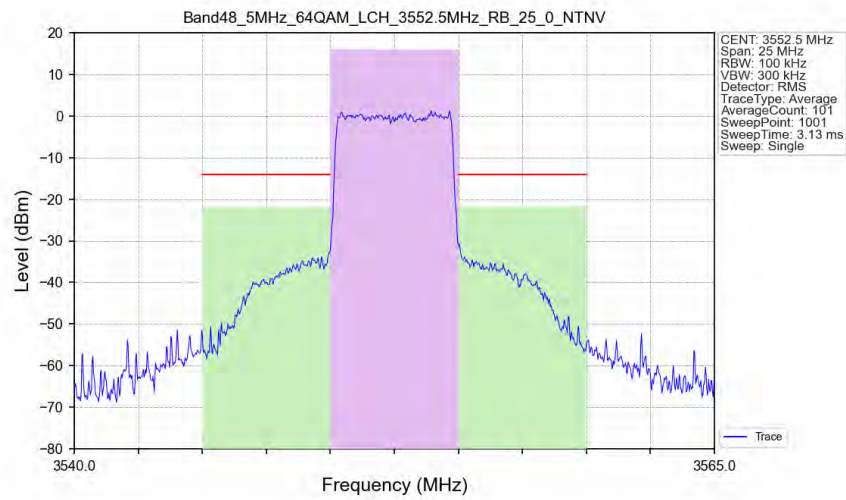
Band: 48 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
64QAM	3560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3625	1	0	Refer To Test Graph		Pass
			99	Refer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

6.2 Test Graph

6.2.1 B48_5MHz

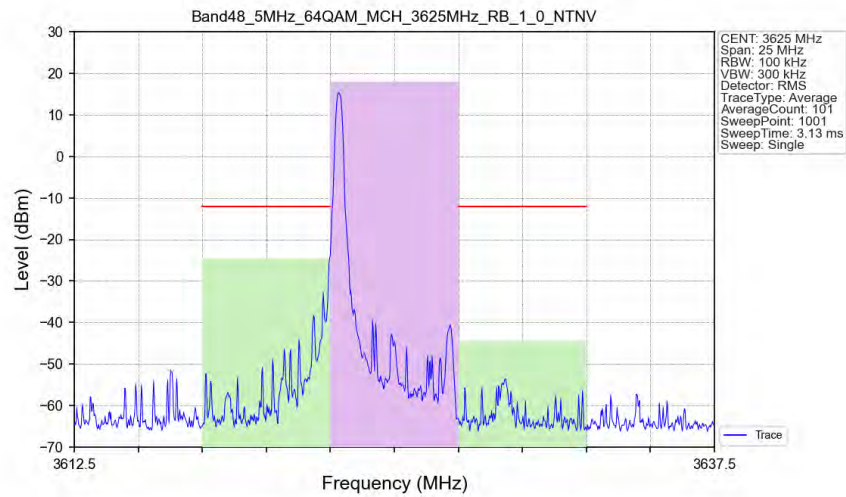


Band48 5MHz 64QAM LCH 3552.5MHz RB 25_0 NTN



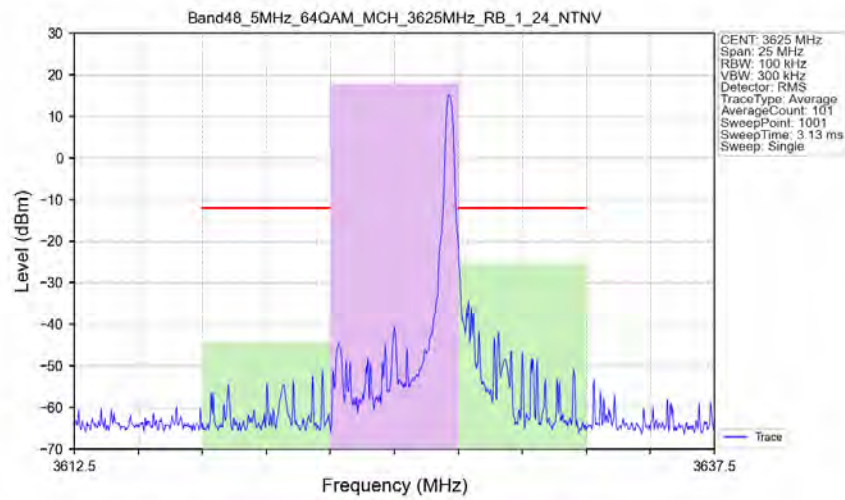
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	16.01	/	/	/	/
Adjacent	-5	5.00	-21.98	-37.99	-30	7.99	Pass
Adjacent	5	5.00	-21.76	-37.77	-30	7.77	Pass

Band48 5MHz 64QAM MCH 3625MHz RB 1_0 NTN



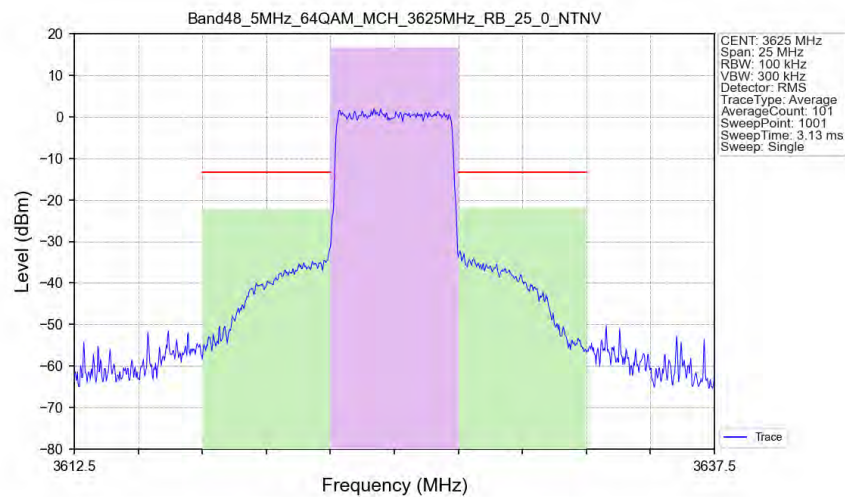
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	17.94	/	/	/	/
Adjacent	-5	5.00	-24.67	-42.61	-30	12.61	Pass
Adjacent	5	5.00	-44.49	-62.43	-30	32.43	Pass

Band48 5MHz 64QAM MCH 3625MHz RB 1 24 NTNV



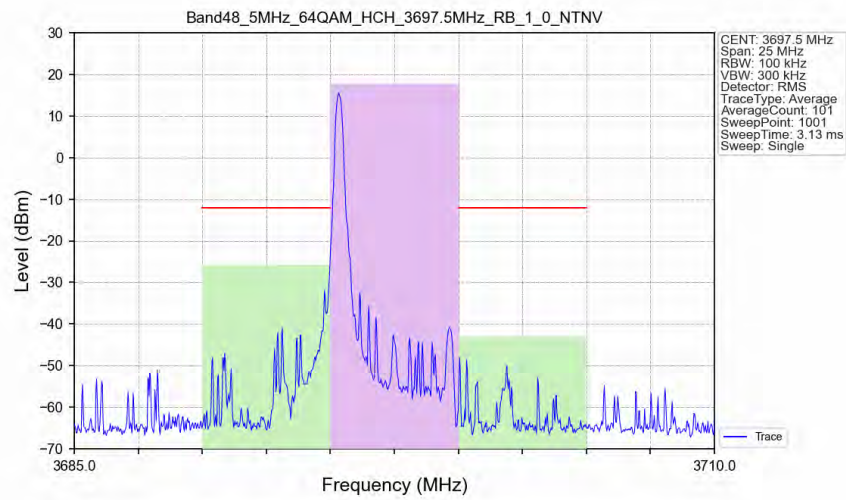
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	17.89	/	/	/	/
Adjacent	-5	5.00	-44.16	-62.05	-30	32.05	Pass
Adjacent	5	5.00	-25.15	-43.04	-30	13.04	Pass

Band48 5MHz 64QAM MCH 3625MHz RB 25 0 NTNV



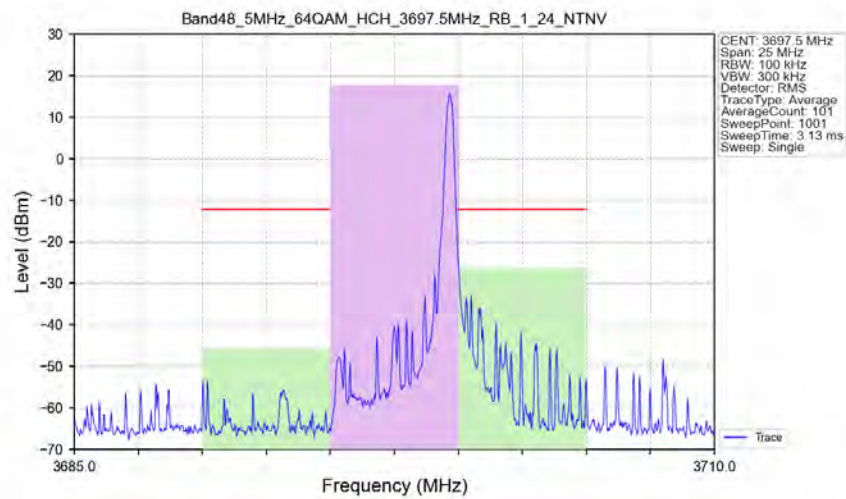
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	16.64	/	/	/	/
Adjacent	-5	5.00	-22.22	-38.86	-30	8.86	Pass
Adjacent	5	5.00	-21.93	-38.57	-30	8.57	Pass

Band48 5MHz 64QAM HCH 3697.5MHz RB 1 0 NTN



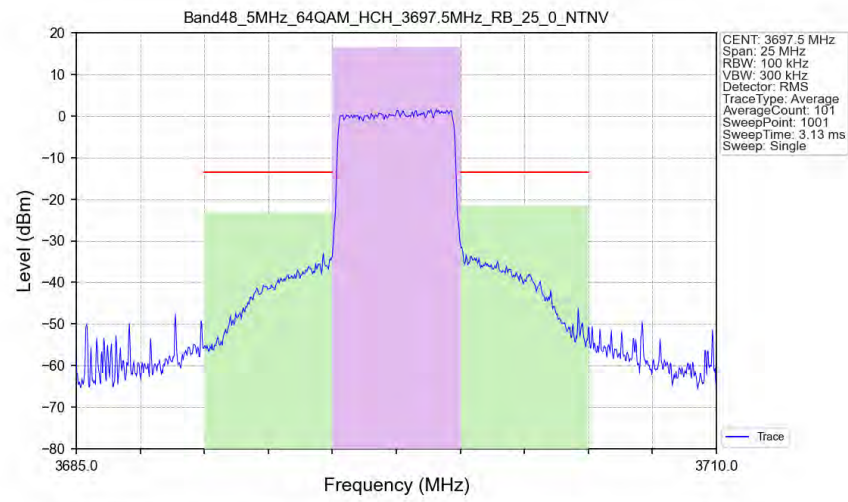
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	17.84	/	/	/	/
Adjacent	-5	5.00	-25.69	-43.53	-30	13.53	Pass
Adjacent	5	5.00	-43.09	-60.93	-30	30.93	Pass

Band48 5MHz 64QAM HCH 3697.5MHz RB 1 24 NTN



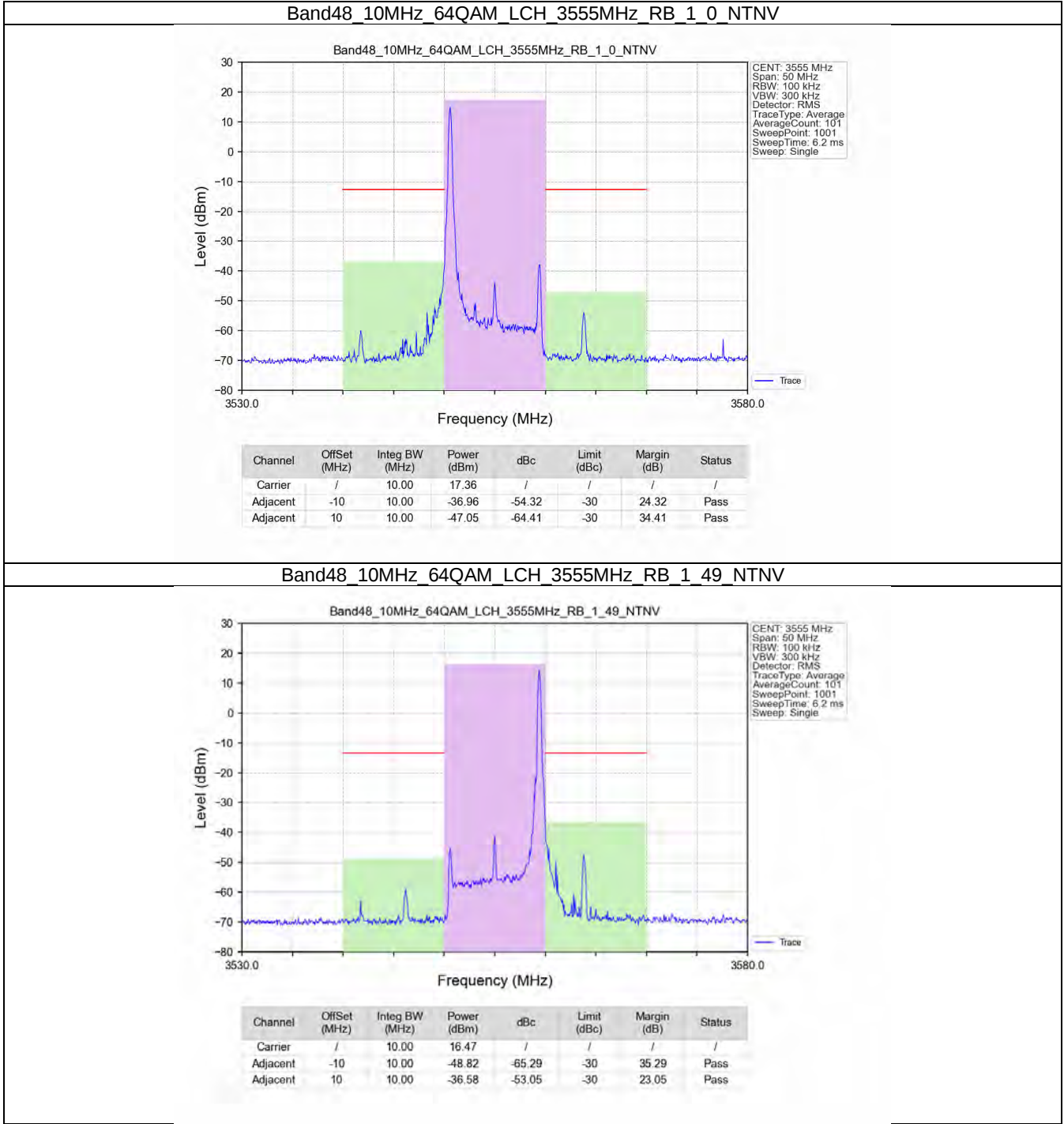
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	17.77	/	/	/	/
Adjacent	-5	5.00	-45.84	-63.61	-30	33.61	Pass
Adjacent	5	5.00	-26.30	-44.07	-30	14.07	Pass

Band48 5MHz 64QAM HCH 3697.5MHz RB 25_0_NTNV

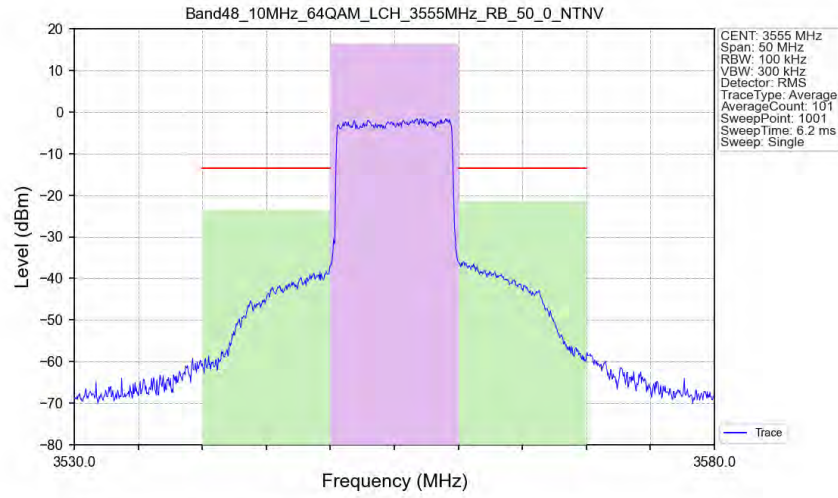


Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	16.56	/	/	/	/
Adjacent	-5	5.00	-23.23	-39.79	-30	9.79	Pass
Adjacent	5	5.00	-21.57	-38.13	-30	8.13	Pass

6.2.2 B48_10MHz

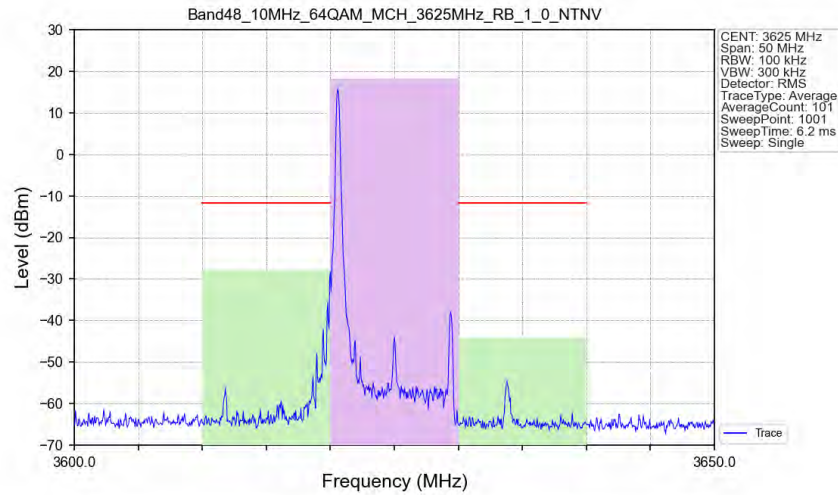


Band48_10MHz_64QAM_LCH_3555MHz_RB_50_0_NTNV



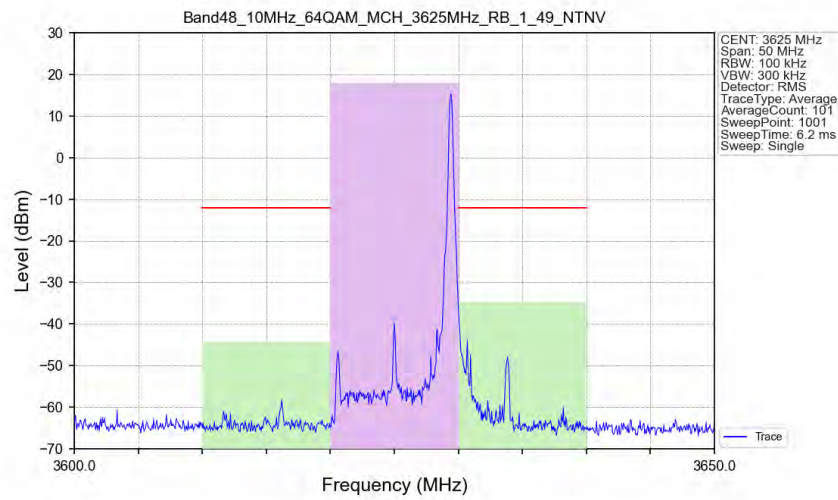
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	16.41	/	/	/	/
Adjacent	-10	10.00	-23.60	-40.01	-30	10.01	Pass
Adjacent	10	10.00	-21.38	-37.79	-30	7.79	Pass

Band48_10MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



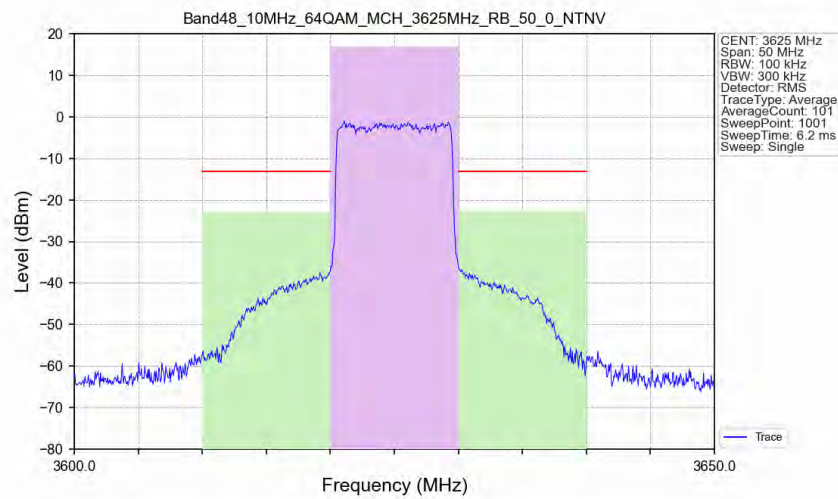
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	18.21	/	/	/	/
Adjacent	-10	10.00	-27.94	-46.15	-30	16.15	Pass
Adjacent	10	10.00	-44.08	-62.29	-30	32.29	Pass

Band48 10MHz 64QAM MCH 3625MHz RB 1 49 NTNV



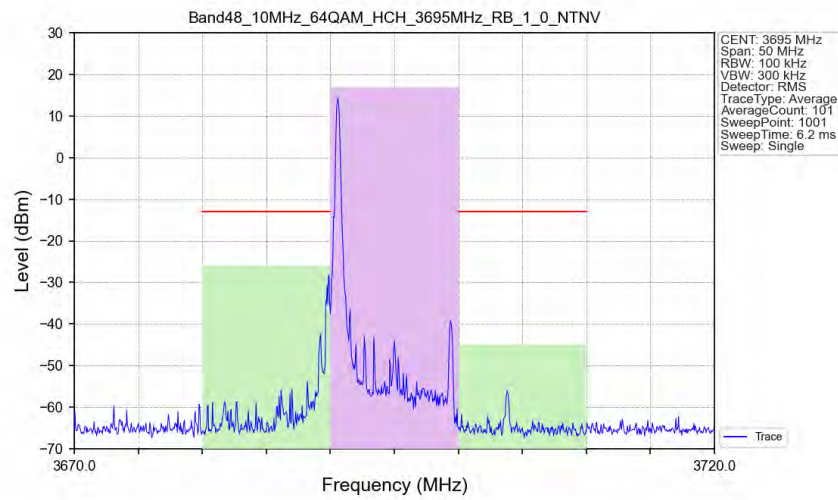
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	17.89	/	/	/	/
Adjacent	-10	10.00	-44.35	-62.24	-30	32.24	Pass
Adjacent	10	10.00	-34.62	-52.51	-30	22.51	Pass

Band48 10MHz 64QAM MCH 3625MHz RB 50 0 NTNV



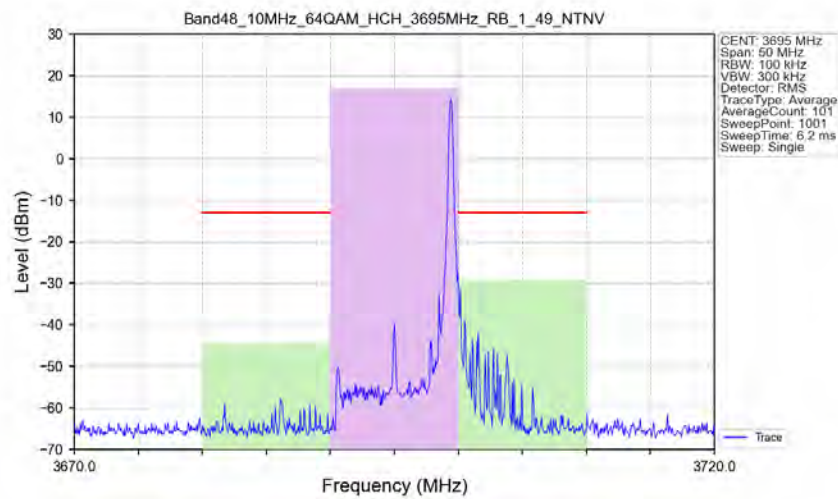
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	16.82	/	/	/	/
Adjacent	-10	10.00	-22.91	-39.73	-30	9.73	Pass
Adjacent	10	10.00	-22.63	-39.45	-30	9.45	Pass

Band48_10MHz_64QAM_HCH_3695MHz_RB_1_0_NTNV



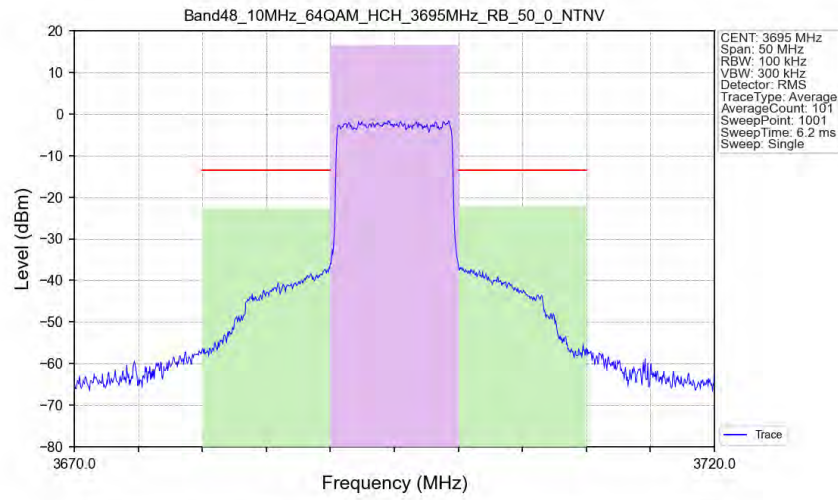
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	16.94	/	/	/	/
Adjacent	-10	10.00	-25.91	-42.85	-30	12.85	Pass
Adjacent	10	10.00	-44.88	-61.82	-30	31.82	Pass

Band48_10MHz_64QAM_HCH_3695MHz_RB_1_49_NTNV



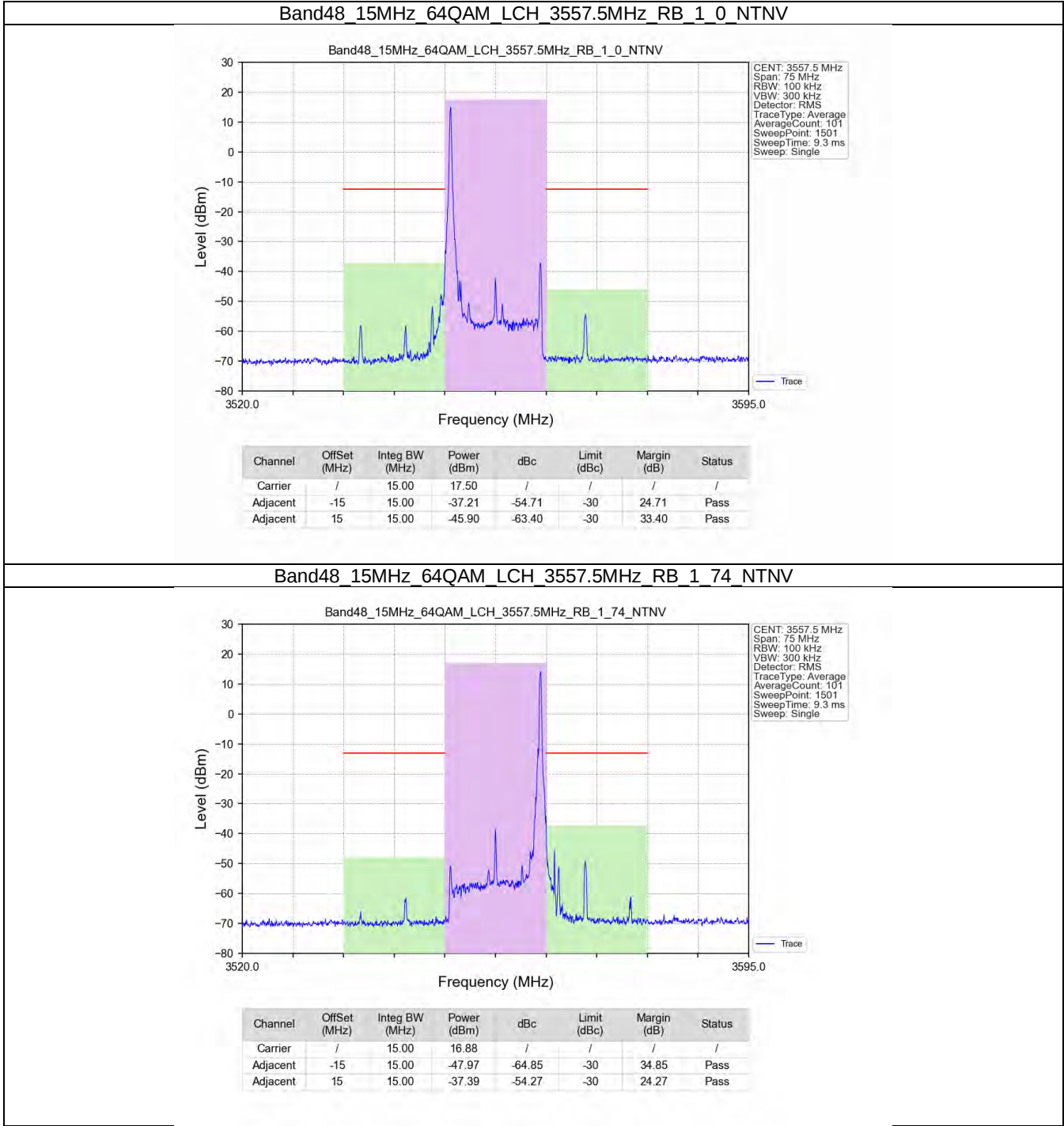
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	16.94	/	/	/	/
Adjacent	-10	10.00	-44.59	-61.53	-30	31.53	Pass
Adjacent	10	10.00	-29.21	-46.15	-30	16.15	Pass

Band48 10MHz 64QAM HCH 3695MHz RB 50 0 NTV

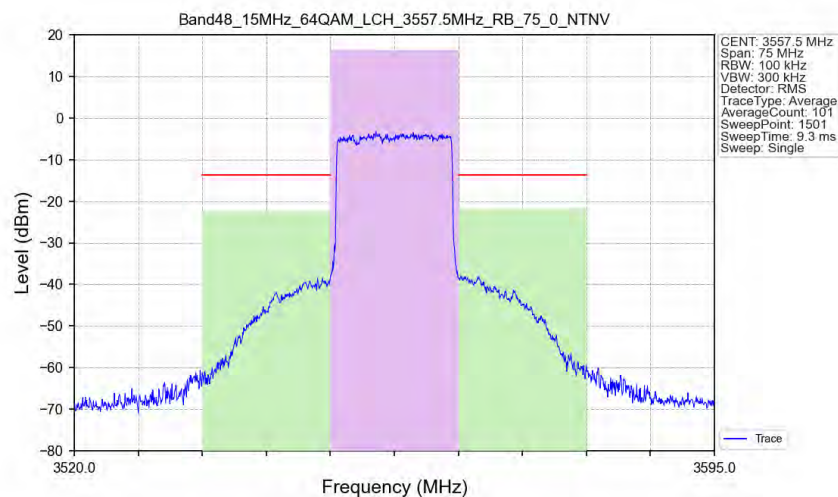


Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	16.52	/	/	/	/
Adjacent	-10	10.00	-22.65	-39.17	-30	9.17	Pass
Adjacent	10	10.00	-22.07	-38.59	-30	8.59	Pass

6.2.3 B48_15MHz

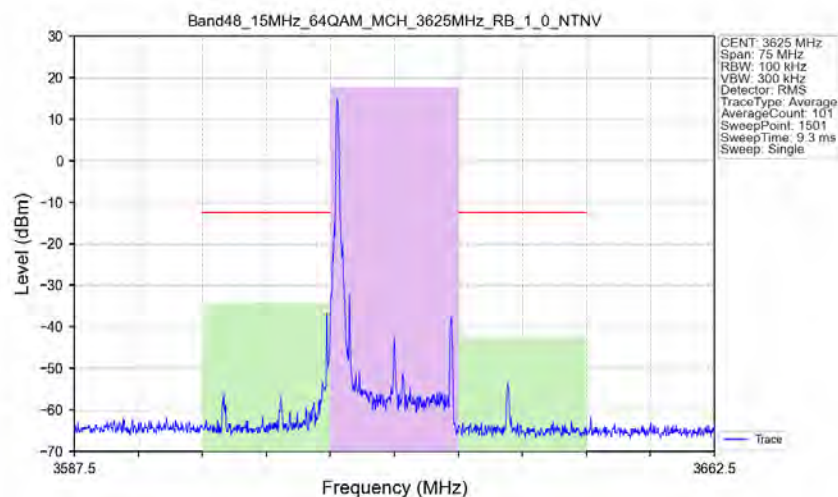


Band48_15MHz_64QAM_LCH_3557.5MHz_RB_75_0_NTNV



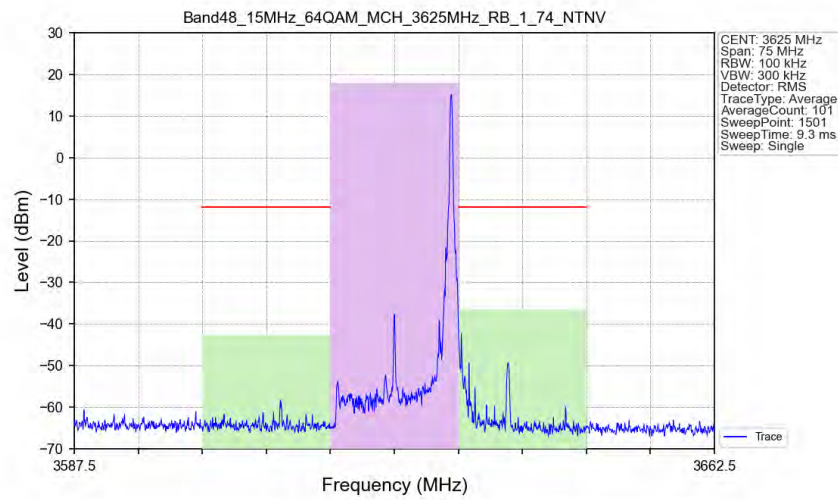
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	16.27	/	/	/	/
Adjacent	-15	15.00	-22.42	-38.69	-30	8.69	Pass
Adjacent	15	15.00	-21.74	-38.01	-30	8.01	Pass

Band48_15MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



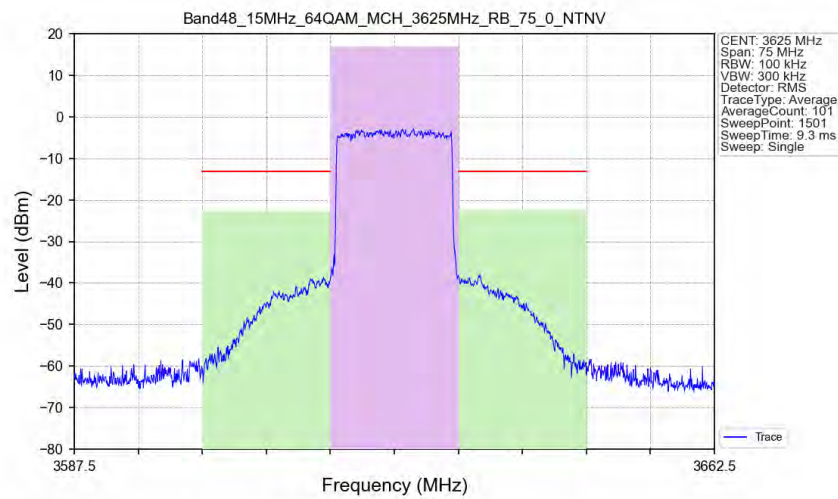
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	17.59	/	/	/	/
Adjacent	-15	15.00	-34.09	-51.68	-30	21.68	Pass
Adjacent	15	15.00	-42.55	-60.14	-30	30.14	Pass

Band48 15MHz 64QAM MCH 3625MHz RB 1 74 NTN



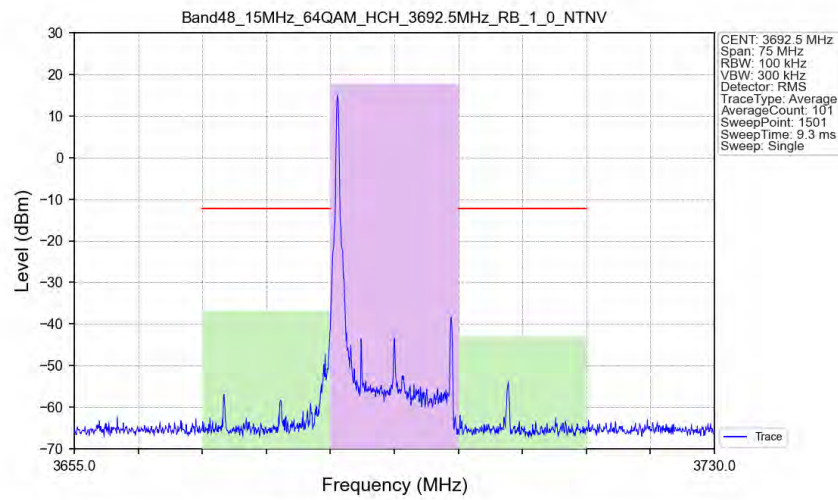
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	18.02	/	/	/	/
Adjacent	-15	15.00	-42.72	-60.74	-30	30.74	Pass
Adjacent	15	15.00	-36.46	-54.48	-30	24.48	Pass

Band48 15MHz 64QAM MCH 3625MHz RB 75 0 NTN



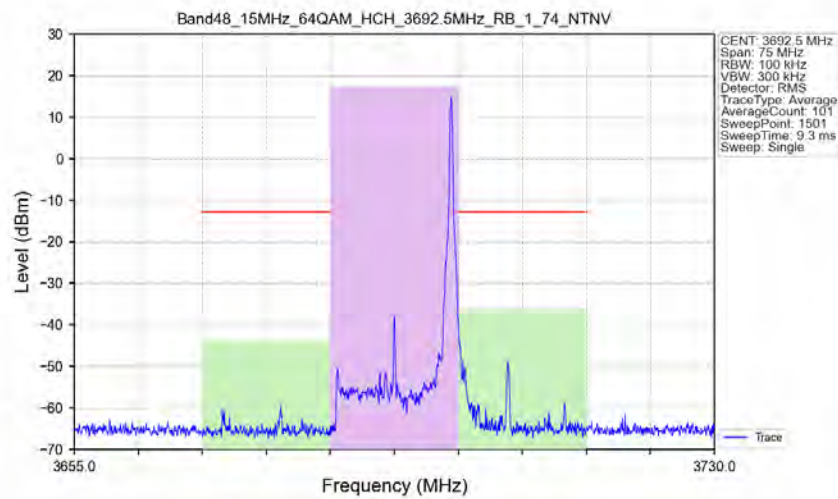
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	16.86	/	/	/	/
Adjacent	-15	15.00	-22.70	-39.56	-30	9.56	Pass
Adjacent	15	15.00	-22.38	-39.24	-30	9.24	Pass

Band48_15MHz_64QAM_HCH_3692.5MHz_RB_1_0_NTNV



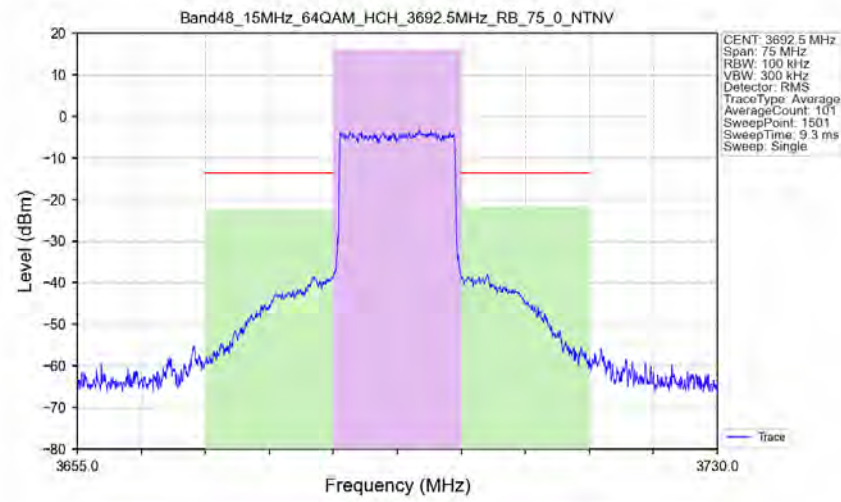
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	17.81	/	/	/	/
Adjacent	-15	15.00	-36.79	-54.60	-30	24.60	Pass
Adjacent	15	15.00	-43.10	-60.91	-30	30.91	Pass

Band48_15MHz_64QAM_HCH_3692.5MHz_RB_1_74_NTNV



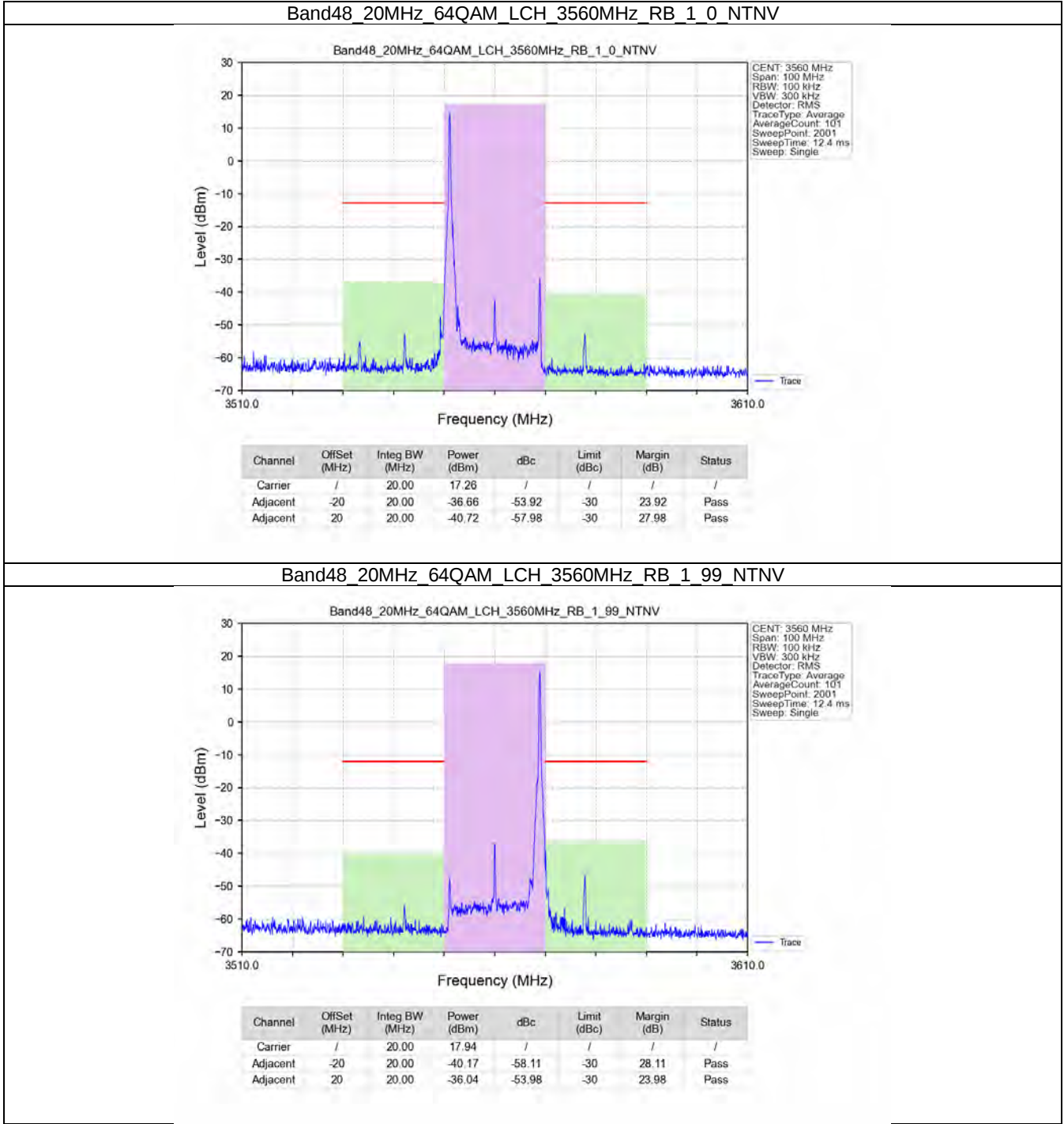
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	17.28	/	/	/	/
Adjacent	-15	15.00	-43.73	-61.01	-30	31.01	Pass
Adjacent	15	15.00	-36.03	-53.31	-30	23.31	Pass

Band48_15MHz_64QAM_HCH_3692.5MHz_RB_75_0_NTNV

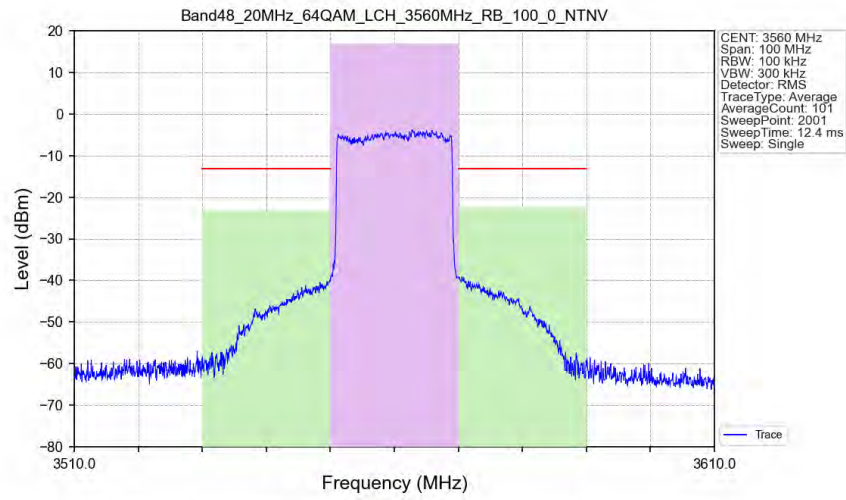


Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	16.25	/	/	/	/
Adjacent	-15	15.00	-22.39	-38.64	-30	8.64	Pass
Adjacent	15	15.00	-21.70	-37.95	-30	7.95	Pass

6.2.4 B48_20MHz

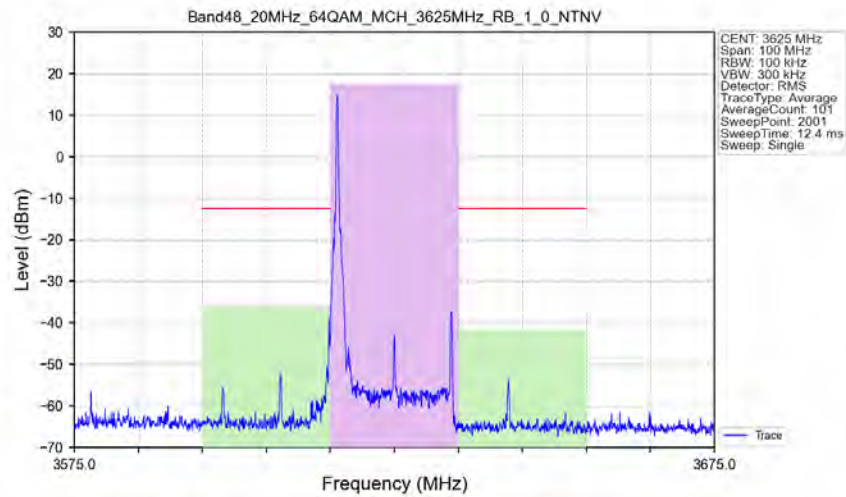


Band48_20MHz_64QAM_LCH_3560MHz_RB_100_0_NTNV



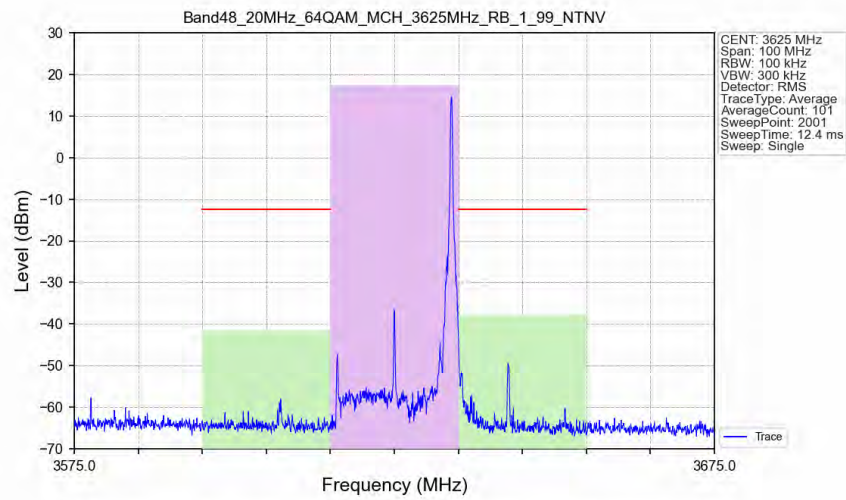
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	16.83	/	/	/	/
Adjacent	-20	20.00	-23.21	-40.04	-30	10.04	Pass
Adjacent	20	20.00	-22.35	-39.18	-30	9.18	Pass

Band48_20MHz_64QAM_MCH_3625MHz_RB_1_0_NTNV



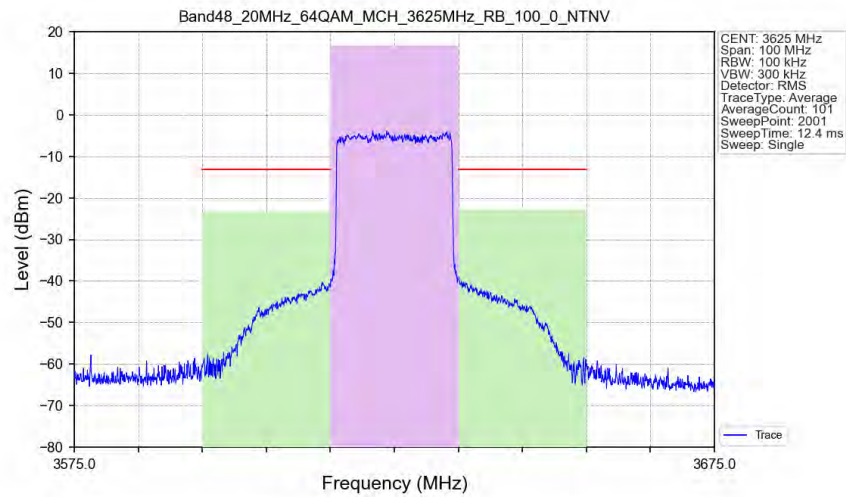
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	17.49	/	/	/	/
Adjacent	-20	20.00	-35.76	-53.25	-30	23.25	Pass
Adjacent	20	20.00	-41.69	-59.18	-30	29.18	Pass

Band48_20MHz_64QAM_MCH_3625MHz_RB_1_99_NTNV



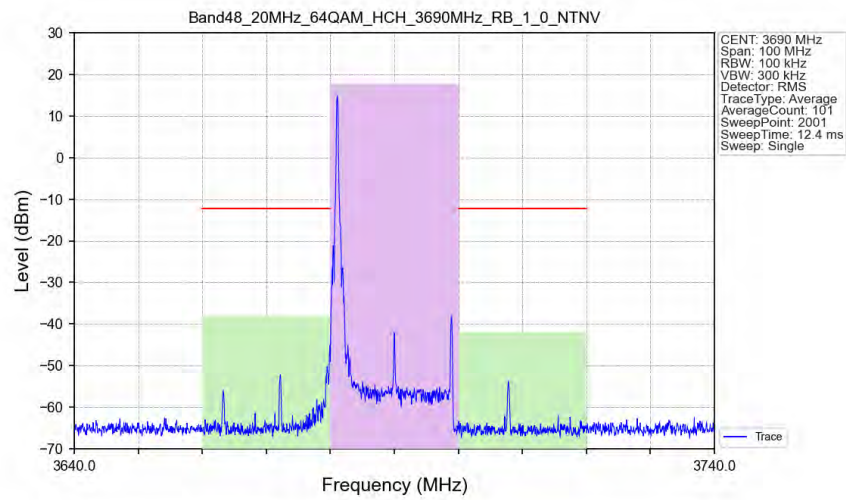
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	17.51	/	/	/	/
Adjacent	-20	20.00	-41.51	-59.02	-30	29.02	Pass
Adjacent	20	20.00	-37.82	-55.33	-30	25.33	Pass

Band48_20MHz_64QAM_MCH_3625MHz_RB_100_0_NTNV



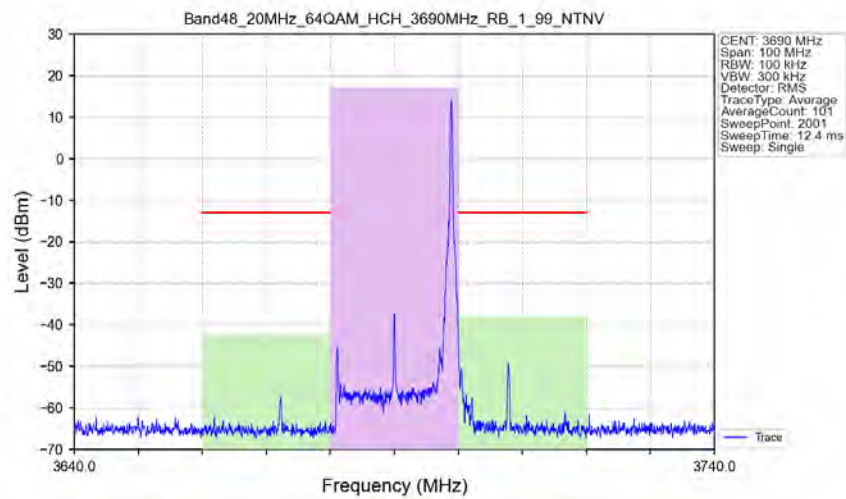
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	16.76	/	/	/	/
Adjacent	-20	20.00	-23.42	-40.18	-30	10.18	Pass
Adjacent	20	20.00	-22.86	-39.62	-30	9.62	Pass

Band48_20MHz_64QAM_HCH_3690MHz_RB_1_0_NTNV



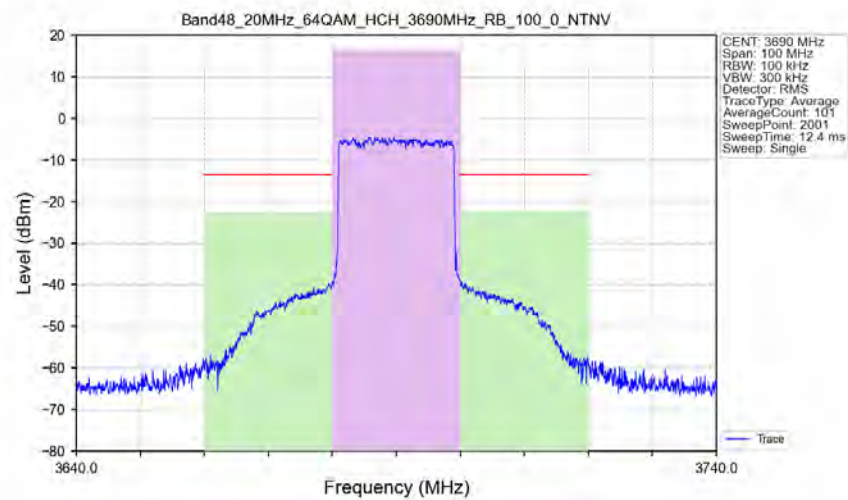
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	17.77	/	/	/	/
Adjacent	-20	20.00	-38.06	-55.83	-30	25.83	Pass
Adjacent	20	20.00	-41.98	-59.75	-30	29.75	Pass

Band48_20MHz_64QAM_HCH_3690MHz_RB_1_99_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	17.08	/	/	/	/
Adjacent	-20	20.00	-42.35	-59.43	-30	29.43	Pass
Adjacent	20	20.00	-38.03	-55.11	-30	25.11	Pass

Band48_20MHz_64QAM_HCH_3690MHz_RB_100_0_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	16.53	/	/	/	/
Adjacent	-20	20.00	-22.56	-39.09	-30	9.09	Pass
Adjacent	20	20.00	-22.30	-38.83	-30	8.83	Pass

7. Field Strength of Spurious Radiation

LTE Band 48-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7102.0	-57.14	-40	-17.14	-63.47	4.92	11.25	Horizontal	Pass
10653.0	-56.48	-40	-16.48	-64.04	5.61	13.17	Horizontal	Pass
14204.0	-55.2	-40	-15.2	-63.2	6.46	14.46	Horizontal	Pass
7102.0	-54.73	-40	-14.73	-61.06	4.92	11.25	Vertical	Pass
10653.0	-55.34	-40	-15.34	-62.9	5.61	13.17	Vertical	Pass
14204.0	-55.48	-40	-15.48	-63.48	6.46	14.46	Vertical	Pass

LTE Band 48-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7232.0	-57.54	-40	-17.54	-64.02	4.93	11.41	Horizontal	Pass
10848.0	-56.46	-40	-16.46	-63.97	5.71	13.22	Horizontal	Pass
14464.0	-54.78	-40	-14.78	-62.59	6.61	14.42	Horizontal	Pass
7232.0	-52.58	-40	-12.58	-59.06	4.93	11.41	Vertical	Pass
10848.0	-55.49	-40	-15.49	-63.0	5.71	13.22	Vertical	Pass
14464.0	-54.33	-40	-14.33	-62.14	6.61	14.42	Vertical	Pass

LTE Band 48-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7362.0	-55.33	-40	-15.33	-61.97	4.93	11.57	Horizontal	Pass
11043.0	-55.35	-40	-15.35	-62.83	5.79	13.27	Horizontal	Pass
14724.0	-56.0	-40	-16.0	-63.63	6.83	14.46	Horizontal	Pass
7362.0	-55.11	-40	-15.11	-61.75	4.93	11.57	Vertical	Pass
11043.0	-53.86	-40	-13.86	-61.34	5.79	13.27	Vertical	Pass
14724.0	-55.8	-40	-15.8	-63.43	6.83	14.46	Vertical	Pass