

1. Effective (Isotropic) Radiated Power Output Data

1.1 B40_5MHz_EIRP

1.1.1 Test Result

Band: 40 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2302.5	1	0	23.13	0.71	23.84	/	Pass
			13	23.34	0.71	24.05	/	Pass
			24	23.06	0.71	23.77	/	Pass
		12	0	21.73	0.71	22.44	/	Pass
			6	21.75	0.71	22.46	/	Pass
			13	21.71	0.71	22.42	/	Pass
		25	0	21.64	0.71	22.35	/	Pass
	2350	1	0	22.30	0.71	23.01	/	Pass
			13	22.57	0.71	23.28	/	Pass
			24	22.35	0.71	23.06	/	Pass
		12	0	21.44	0.71	22.15	/	Pass
			6	21.50	0.71	22.21	/	Pass
			13	21.39	0.71	22.10	/	Pass
		25	0	21.40	0.71	22.11	/	Pass
	2397.5	1	0	22.42	0.71	23.13	/	Pass
			13	22.62	0.71	23.33	/	Pass
			24	22.52	0.71	23.23	/	Pass
		12	0	21.58	0.71	22.29	/	Pass
			6	21.61	0.71	22.32	/	Pass
			13	21.43	0.71	22.14	/	Pass
		25	0	21.59	0.71	22.30	/	Pass
16QAM	2302.5	1	0	21.94	0.71	22.65	/	Pass
			13	21.80	0.71	22.51	/	Pass
			24	21.64	0.71	22.35	/	Pass
		12	0	20.62	0.71	21.33	/	Pass
			6	20.66	0.71	21.37	/	Pass
			13	20.56	0.71	21.27	/	Pass
		25	0	20.64	0.71	21.35	/	Pass
	2350	1	0	21.46	0.71	22.17	/	Pass
			13	21.53	0.71	22.24	/	Pass
			24	21.60	0.71	22.31	/	Pass
		12	0	20.37	0.71	21.08	/	Pass
			6	20.40	0.71	21.11	/	Pass
			13	20.39	0.71	21.10	/	Pass
		25	0	20.42	0.71	21.13	/	Pass
	2397.5	1	0	21.30	0.71	22.01	/	Pass
			13	21.69	0.71	22.40	/	Pass
			24	21.57	0.71	22.28	/	Pass
		12	0	20.56	0.71	21.27	/	Pass
			6	20.60	0.71	21.31	/	Pass
			13	20.53	0.71	21.24	/	Pass
		25	0	20.45	0.71	21.16	/	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B40_10MHz_EIRP

1.2.1 Test Result

Band: 40 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2305	1	0	22.60	0.71	23.31	/	Pass
			25	22.81	0.71	23.52	/	Pass
			49	22.76	0.71	23.47	/	Pass
		25	0	21.65	0.71	22.36	/	Pass
			13	21.76	0.71	22.47	/	Pass
			25	21.80	0.71	22.51	/	Pass
		50	0	21.71	0.71	22.42	/	Pass
	2350	1	0	22.48	0.71	23.19	/	Pass
			25	22.47	0.71	23.18	/	Pass
			49	22.45	0.71	23.16	/	Pass
		25	0	21.50	0.71	22.21	/	Pass
			13	21.44	0.71	22.15	/	Pass
			25	21.50	0.71	22.21	/	Pass
		50	0	21.54	0.71	22.25	/	Pass
	2395	1	0	22.51	0.71	23.22	/	Pass
			25	22.58	0.71	23.29	/	Pass
			49	22.59	0.71	23.30	/	Pass
		25	0	21.50	0.71	22.21	/	Pass
			13	21.63	0.71	22.34	/	Pass
			25	21.60	0.71	22.31	/	Pass
		50	0	21.50	0.71	22.21	/	Pass
16QAM	2305	1	0	21.63	0.71	22.34	/	Pass
			25	21.67	0.71	22.38	/	Pass
			49	21.58	0.71	22.29	/	Pass
		25	0	20.55	0.71	21.26	/	Pass
			13	20.70	0.71	21.41	/	Pass
			25	20.62	0.71	21.33	/	Pass
		50	0	20.56	0.71	21.27	/	Pass
	2350	1	0	21.32	0.71	22.03	/	Pass
			25	21.32	0.71	22.03	/	Pass
			49	21.26	0.71	21.97	/	Pass
		25	0	20.48	0.71	21.19	/	Pass
			13	20.51	0.71	21.22	/	Pass
			25	20.51	0.71	21.22	/	Pass
		50	0	20.42	0.71	21.13	/	Pass
	2395	1	0	21.39	0.71	22.10	/	Pass
			25	21.62	0.71	22.33	/	Pass
			49	21.57	0.71	22.28	/	Pass
		25	0	20.53	0.71	21.24	/	Pass
			13	20.60	0.71	21.31	/	Pass
			25	20.50	0.71	21.21	/	Pass
		50	0	20.48	0.71	21.19	/	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B40_15MHz_EIRP

1.3.1 Test Result

Band: 40 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit		
QPSK	2307.5	1	0	22.63	0.71	23.34	/	Pass	
			38	22.72	0.71	23.43	/	Pass	
			74	22.66	0.71	23.37	/	Pass	
		36	0	21.67	0.71	22.38	/	Pass	
			18	21.77	0.71	22.48	/	Pass	
			39	21.73	0.71	22.44	/	Pass	
		75	0	21.76	0.71	22.47	/	Pass	
		2350	1	0	22.51	0.71	23.22	/	Pass
				38	22.44	0.71	23.15	/	Pass
	74			22.38	0.71	23.09	/	Pass	
	36		0	21.51	0.71	22.22	/	Pass	
			18	21.56	0.71	22.27	/	Pass	
			39	21.44	0.71	22.15	/	Pass	
	75		0	21.41	0.71	22.12	/	Pass	
	2392.5		1	0	22.56	0.71	23.27	/	Pass
				38	22.76	0.71	23.47	/	Pass
		74		22.61	0.71	23.32	/	Pass	
		36	0	21.62	0.71	22.33	/	Pass	
			18	21.60	0.71	22.31	/	Pass	
			39	21.59	0.71	22.30	/	Pass	
		75	0	21.63	0.71	22.34	/	Pass	
16QAM		2307.5	1	0	21.48	0.71	22.19	/	Pass
				38	21.59	0.71	22.30	/	Pass
	74			21.72	0.71	22.43	/	Pass	
	36		0	20.55	0.71	21.26	/	Pass	
			18	20.70	0.71	21.41	/	Pass	
			39	20.71	0.71	21.42	/	Pass	
	75		0	20.64	0.71	21.35	/	Pass	
	2350	1	0	21.76	0.71	22.47	/	Pass	
			38	21.32	0.71	22.03	/	Pass	
			74	21.20	0.71	21.91	/	Pass	
		36	0	20.52	0.71	21.23	/	Pass	
			18	20.45	0.71	21.16	/	Pass	
			39	20.37	0.71	21.08	/	Pass	
		75	0	20.49	0.71	21.20	/	Pass	
	2392.5	1	0	21.34	0.71	22.05	/	Pass	
			38	21.48	0.71	22.19	/	Pass	
			74	21.34	0.71	22.05	/	Pass	
		36	0	20.54	0.71	21.25	/	Pass	
			18	20.53	0.71	21.24	/	Pass	
			39	20.52	0.71	21.23	/	Pass	
		75	0	20.59	0.71	21.30	/	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.4 B40_20MHz_EIRP

1.4.1 Test Result

Band: 40 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2310	1	0	22.65	0.71	23.36	/	Pass
			50	22.71	0.71	23.42	/	Pass
			99	22.63	0.71	23.34	/	Pass
		50	0	21.48	0.71	22.19	/	Pass

16QAM	2350	100	25	21.82	0.71	22.53	/	Pass
			50	21.68	0.71	22.39	/	Pass
			0	21.58	0.71	22.29	/	Pass
		1	0	22.39	0.71	23.10	/	Pass
			50	22.61	0.71	23.32	/	Pass
			99	22.35	0.71	23.06	/	Pass
		50	0	21.46	0.71	22.17	/	Pass
			25	21.58	0.71	22.29	/	Pass
			50	21.45	0.71	22.16	/	Pass
		100	0	21.40	0.71	22.11	/	Pass
	2390	1	0	22.43	0.71	23.14	/	Pass
			50	22.60	0.71	23.31	/	Pass
			99	22.48	0.71	23.19	/	Pass
		50	0	21.51	0.71	22.22	/	Pass
			25	21.65	0.71	22.36	/	Pass
			50	21.52	0.71	22.23	/	Pass
		100	0	21.57	0.71	22.28	/	Pass
	2310	1	0	21.67	0.71	22.38	/	Pass
			50	21.47	0.71	22.18	/	Pass
			99	21.28	0.71	21.99	/	Pass
		50	0	20.46	0.71	21.17	/	Pass
			25	20.67	0.71	21.38	/	Pass
			50	20.68	0.71	21.39	/	Pass
		100	0	20.60	0.71	21.31	/	Pass
	2350	1	0	21.71	0.71	22.42	/	Pass
			50	21.61	0.71	22.32	/	Pass
			99	21.35	0.71	22.06	/	Pass
		50	0	20.41	0.71	21.12	/	Pass
			25	20.52	0.71	21.23	/	Pass
			50	20.42	0.71	21.13	/	Pass
		100	0	20.40	0.71	21.11	/	Pass
	2390	1	0	21.46	0.71	22.17	/	Pass
			50	21.18	0.71	21.89	/	Pass
			99	21.49	0.71	22.20	/	Pass
		50	0	20.57	0.71	21.28	/	Pass
			25	20.57	0.71	21.28	/	Pass
			50	20.46	0.71	21.17	/	Pass
		100	0	20.50	0.71	21.21	/	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 B40_5MHz

2.1.1 Test Result

Band: 40 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2302.5	25	0	20	3.27	35.090	0.0152	-2.5 to 2.5	Pass
					3.85	33.531	0.0146	-2.5 to 2.5	Pass
					4.43	15.721	0.0068	-2.5 to 2.5	Pass
				-30	3.85	7.639	0.0033	-2.5 to 2.5	Pass
				-20	3.85	-11.630	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-13.404	-0.0058	-2.5 to 2.5	Pass

				0	3.85	-28.424	-0.0123	-2.5 to 2.5	Pass
				10	3.85	-31.028	-0.0135	-2.5 to 2.5	Pass
				30	3.85	-33.875	-0.0147	-2.5 to 2.5	Pass
				40	3.85	-48.208	-0.0209	-2.5 to 2.5	Pass
				50	3.85	-49.253	-0.0214	-2.5 to 2.5	Pass
	2350	25	0	20	3.27	28.381	0.0121	-2.5 to 2.5	Pass
					3.85	40.956	0.0174	-2.5 to 2.5	Pass
					4.43	28.696	0.0122	-2.5 to 2.5	Pass
				-30	3.85	34.132	0.0145	-2.5 to 2.5	Pass
				-20	3.85	31.400	0.0134	-2.5 to 2.5	Pass
				-10	3.85	17.624	0.0075	-2.5 to 2.5	Pass
				0	3.85	24.719	0.0105	-2.5 to 2.5	Pass
				10	3.85	12.159	0.0052	-2.5 to 2.5	Pass
				30	3.85	20.957	0.0089	-2.5 to 2.5	Pass
				40	3.85	17.967	0.0076	-2.5 to 2.5	Pass
				50	3.85	15.864	0.0068	-2.5 to 2.5	Pass
	2397.5	25	0	20	3.27	20.142	0.0084	-2.5 to 2.5	Pass
					3.85	44.732	0.0187	-2.5 to 2.5	Pass
					4.43	31.857	0.0133	-2.5 to 2.5	Pass
				-30	3.85	30.842	0.0129	-2.5 to 2.5	Pass
				-20	3.85	39.840	0.0166	-2.5 to 2.5	Pass
				-10	3.85	25.549	0.0107	-2.5 to 2.5	Pass
				0	3.85	45.176	0.0188	-2.5 to 2.5	Pass
				10	3.85	48.380	0.0202	-2.5 to 2.5	Pass
				30	3.85	30.985	0.0129	-2.5 to 2.5	Pass
				40	3.85	-4.821	-0.0020	-2.5 to 2.5	Pass
				50	3.85	10.815	0.0045	-2.5 to 2.5	Pass
16QAM	2302.5	25	0	20	3.27	-43.573	-0.0189	-2.5 to 2.5	Pass
					3.85	-48.866	-0.0212	-2.5 to 2.5	Pass
					4.43	-31.700	-0.0138	-2.5 to 2.5	Pass
				-30	3.85	-27.795	-0.0121	-2.5 to 2.5	Pass
				-20	3.85	-30.441	-0.0132	-2.5 to 2.5	Pass
				-10	3.85	-18.182	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-19.069	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-10.228	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-9.484	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-11.573	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-3.276	-0.0014	-2.5 to 2.5	Pass
	2350	25	0	20	3.27	1.101	0.0005	-2.5 to 2.5	Pass
					3.85	15.721	0.0067	-2.5 to 2.5	Pass
					4.43	9.871	0.0042	-2.5 to 2.5	Pass
				-30	3.85	27.337	0.0116	-2.5 to 2.5	Pass
				-20	3.85	19.784	0.0084	-2.5 to 2.5	Pass
				-10	3.85	25.306	0.0108	-2.5 to 2.5	Pass
				0	3.85	40.183	0.0171	-2.5 to 2.5	Pass
				10	3.85	33.574	0.0143	-2.5 to 2.5	Pass
				30	3.85	38.509	0.0164	-2.5 to 2.5	Pass
				40	3.85	3.004	0.0013	-2.5 to 2.5	Pass
				50	3.85	-5.622	-0.0024	-2.5 to 2.5	Pass
	2397.5	25	0	20	3.27	11.673	0.0049	-2.5 to 2.5	Pass
					3.85	3.490	0.0015	-2.5 to 2.5	Pass
					4.43	27.494	0.0115	-2.5 to 2.5	Pass
				-30	3.85	21.000	0.0088	-2.5 to 2.5	Pass
				-20	3.85	42.214	0.0176	-2.5 to 2.5	Pass
				-10	3.85	49.281	0.0206	-2.5 to 2.5	Pass
				0	3.85	3.476	0.0014	-2.5 to 2.5	Pass
				10	3.85	9.871	0.0041	-2.5 to 2.5	Pass
				30	3.85	15.779	0.0066	-2.5 to 2.5	Pass

				40	3.85	2.732	0.0011	-2.5 to 2.5	Pass
				50	3.85	9.198	0.0038	-2.5 to 2.5	Pass

2.2 B40_10MHz

2.2.1 Test Result

Band: 40 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2305	50	0	20	3.27	9.441	0.0041	-2.5 to 2.5	Pass
					3.85	6.423	0.0028	-2.5 to 2.5	Pass
					4.43	-24.948	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-25.477	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-39.110	-0.0170	-2.5 to 2.5	Pass
				-10	3.85	-47.350	-0.0205	-2.5 to 2.5	Pass
				0	3.85	-11.001	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-18.325	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-35.877	-0.0156	-2.5 to 2.5	Pass
				40	3.85	-40.755	-0.0177	-2.5 to 2.5	Pass
				50	3.85	-52.514	-0.0228	-2.5 to 2.5	Pass
	2350	50	0	20	3.27	34.947	0.0149	-2.5 to 2.5	Pass
					3.85	33.903	0.0144	-2.5 to 2.5	Pass
					4.43	11.444	0.0049	-2.5 to 2.5	Pass
				-30	3.85	-3.862	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	1.645	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-16.980	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-26.422	-0.0112	-2.5 to 2.5	Pass
				10	3.85	-33.560	-0.0143	-2.5 to 2.5	Pass
				30	3.85	-27.595	-0.0117	-2.5 to 2.5	Pass
				40	3.85	-31.013	-0.0132	-2.5 to 2.5	Pass
				50	3.85	-48.451	-0.0206	-2.5 to 2.5	Pass
	2395	50	0	20	3.27	24.347	0.0102	-2.5 to 2.5	Pass
					3.85	21.029	0.0088	-2.5 to 2.5	Pass
					4.43	31.528	0.0132	-2.5 to 2.5	Pass
				-30	3.85	30.541	0.0128	-2.5 to 2.5	Pass
				-20	3.85	20.742	0.0087	-2.5 to 2.5	Pass
				-10	3.85	17.724	0.0074	-2.5 to 2.5	Pass
				0	3.85	20.170	0.0084	-2.5 to 2.5	Pass
				10	3.85	30.527	0.0127	-2.5 to 2.5	Pass
				30	3.85	29.097	0.0121	-2.5 to 2.5	Pass
				40	3.85	24.190	0.0101	-2.5 to 2.5	Pass
16QAM	2305	50	0	20	3.27	-53.329	-0.0231	-2.5 to 2.5	Pass
					3.85	-34.032	-0.0148	-2.5 to 2.5	Pass
					4.43	-42.443	-0.0184	-2.5 to 2.5	Pass
				-30	3.85	-40.083	-0.0174	-2.5 to 2.5	Pass
				-20	3.85	-20.585	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-27.165	-0.0118	-2.5 to 2.5	Pass
				0	3.85	-27.509	-0.0119	-2.5 to 2.5	Pass
				10	3.85	-27.995	-0.0121	-2.5 to 2.5	Pass
				30	3.85	-20.428	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-5.879	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-14.663	-0.0064	-2.5 to 2.5	Pass
	2350	50	0	20	3.27	-54.216	-0.0231	-2.5 to 2.5	Pass
					3.85	-48.752	-0.0207	-2.5 to 2.5	Pass

					4.43	-28.539	-0.0121	-2.5 to 2.5	Pass
				-30	3.85	-32.158	-0.0137	-2.5 to 2.5	Pass
				-20	3.85	-29.311	-0.0125	-2.5 to 2.5	Pass
				-10	3.85	-13.990	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-21.172	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-5.708	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-30.713	-0.0131	-2.5 to 2.5	Pass
				40	3.85	-25.907	-0.0110	-2.5 to 2.5	Pass
				50	3.85	-22.087	-0.0094	-2.5 to 2.5	Pass
	2395	50	0	20	3.27	26.536	0.0111	-2.5 to 2.5	Pass
					3.85	29.283	0.0122	-2.5 to 2.5	Pass
					4.43	36.736	0.0153	-2.5 to 2.5	Pass
				-30	3.85	-13.490	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	5.708	0.0024	-2.5 to 2.5	Pass
				-10	3.85	9.141	0.0038	-2.5 to 2.5	Pass
				0	3.85	18.010	0.0075	-2.5 to 2.5	Pass
				10	3.85	19.512	0.0081	-2.5 to 2.5	Pass
				30	3.85	33.216	0.0139	-2.5 to 2.5	Pass
				40	3.85	31.958	0.0133	-2.5 to 2.5	Pass
				50	3.85	15.121	0.0063	-2.5 to 2.5	Pass

2.3 B40_15MHz

2.3.1 Test Result

Band: 40 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2307.5	75	0	20	3.27	6.638	0.0029	-2.5 to 2.5	Pass
					3.85	2.561	0.0011	-2.5 to 2.5	Pass
					4.43	-16.923	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-24.934	-0.0108	-2.5 to 2.5	Pass
				-20	3.85	-26.193	-0.0114	-2.5 to 2.5	Pass
				-10	3.85	-49.167	-0.0213	-2.5 to 2.5	Pass
				0	3.85	-58.680	-0.0254	-2.5 to 2.5	Pass
				10	3.85	-0.958	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-4.292	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-18.253	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-10.271	-0.0045	-2.5 to 2.5	Pass
	2350	75	0	20	3.27	0.930	0.0004	-2.5 to 2.5	Pass
					3.85	7.496	0.0032	-2.5 to 2.5	Pass
					4.43	-20.785	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-21.658	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-35.105	-0.0149	-2.5 to 2.5	Pass
				-10	3.85	-56.620	-0.0241	-2.5 to 2.5	Pass
				0	3.85	-16.966	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-24.347	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-30.785	-0.0131	-2.5 to 2.5	Pass
				40	3.85	-36.922	-0.0157	-2.5 to 2.5	Pass
				50	3.85	-32.201	-0.0137	-2.5 to 2.5	Pass
	2392.5	75	0	20	3.27	9.184	0.0038	-2.5 to 2.5	Pass
					3.85	15.635	0.0065	-2.5 to 2.5	Pass
					4.43	9.828	0.0041	-2.5 to 2.5	Pass
				-30	3.85	12.717	0.0053	-2.5 to 2.5	Pass
				-20	3.85	30.112	0.0126	-2.5 to 2.5	Pass
				-10	3.85	12.589	0.0053	-2.5 to 2.5	Pass

16QAM				0	3.85	15.221	0.0064	-2.5 to 2.5	Pass
				10	3.85	16.880	0.0071	-2.5 to 2.5	Pass
				30	3.85	18.525	0.0077	-2.5 to 2.5	Pass
				40	3.85	35.849	0.0150	-2.5 to 2.5	Pass
				50	3.85	23.618	0.0099	-2.5 to 2.5	Pass
	2307.5	75	0	20	3.27	-8.283	-0.0036	-2.5 to 2.5	Pass
					3.85	-1.431	-0.0006	-2.5 to 2.5	Pass
					4.43	-7.467	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-1.559	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	17.266	0.0075	-2.5 to 2.5	Pass
				-10	3.85	25.020	0.0108	-2.5 to 2.5	Pass
				0	3.85	12.803	0.0055	-2.5 to 2.5	Pass
				10	3.85	37.851	0.0164	-2.5 to 2.5	Pass
				30	3.85	39.325	0.0170	-2.5 to 2.5	Pass
				40	3.85	45.748	0.0198	-2.5 to 2.5	Pass
				50	3.85	3.777	0.0016	-2.5 to 2.5	Pass
	2350	75	0	20	3.27	-33.531	-0.0143	-2.5 to 2.5	Pass
					3.85	-28.167	-0.0120	-2.5 to 2.5	Pass
					4.43	-25.764	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-17.009	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-24.319	-0.0103	-2.5 to 2.5	Pass
				-10	3.85	-5.422	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-5.150	-0.0022	-2.5 to 2.5	Pass
				10	3.85	0.730	0.0003	-2.5 to 2.5	Pass
				30	3.85	3.791	0.0016	-2.5 to 2.5	Pass
				40	3.85	9.356	0.0040	-2.5 to 2.5	Pass
				50	3.85	-2.518	-0.0011	-2.5 to 2.5	Pass
	2392.5	75	0	20	3.27	27.566	0.0115	-2.5 to 2.5	Pass
					3.85	-0.958	-0.0004	-2.5 to 2.5	Pass
					4.43	17.853	0.0075	-2.5 to 2.5	Pass
				-30	3.85	11.015	0.0046	-2.5 to 2.5	Pass
				-20	3.85	14.834	0.0062	-2.5 to 2.5	Pass
				-10	3.85	29.511	0.0123	-2.5 to 2.5	Pass
				0	3.85	15.936	0.0067	-2.5 to 2.5	Pass
				10	3.85	24.304	0.0102	-2.5 to 2.5	Pass
				30	3.85	26.793	0.0112	-2.5 to 2.5	Pass
				40	3.85	38.209	0.0160	-2.5 to 2.5	Pass
				50	3.85	45.433	0.0190	-2.5 to 2.5	Pass

2.4 B40_20MHz

2.4.1 Test Result

Band: 40 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2310	100	0	20	3.27	21.343	0.0092	-2.5 to 2.5	Pass
					3.85	15.450	0.0067	-2.5 to 2.5	Pass
					4.43	-3.405	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-8.540	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-9.055	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-21.029	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-25.449	-0.0110	-2.5 to 2.5	Pass
				10	3.85	-23.947	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-17.495	-0.0076	-2.5 to 2.5	Pass
				40	3.85	-29.683	-0.0128	-2.5 to 2.5	Pass

	2350	100	0	50	3.85	-29.769	-0.0129	-2.5 to 2.5	Pass
				20	3.27	14.176	0.0060	-2.5 to 2.5	Pass
					3.85	-12.589	-0.0054	-2.5 to 2.5	Pass
					4.43	-41.656	-0.0177	-2.5 to 2.5	Pass
				-30	3.85	-47.007	-0.0200	-2.5 to 2.5	Pass
				-20	3.85	-24.548	-0.0104	-2.5 to 2.5	Pass
				-10	3.85	-22.645	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-46.835	-0.0199	-2.5 to 2.5	Pass
				10	3.85	-42.286	-0.0180	-2.5 to 2.5	Pass
				30	3.85	-14.234	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-20.828	-0.0089	-2.5 to 2.5	Pass
				50	3.85	-18.840	-0.0080	-2.5 to 2.5	Pass
	2390	100	0	20	3.27	17.996	0.0075	-2.5 to 2.5	Pass
					3.85	33.531	0.0140	-2.5 to 2.5	Pass
					4.43	23.704	0.0099	-2.5 to 2.5	Pass
				-30	3.85	37.279	0.0156	-2.5 to 2.5	Pass
				-20	3.85	27.795	0.0116	-2.5 to 2.5	Pass
				-10	3.85	39.411	0.0165	-2.5 to 2.5	Pass
				0	3.85	31.829	0.0133	-2.5 to 2.5	Pass
				10	3.85	46.520	0.0195	-2.5 to 2.5	Pass
				30	3.85	32.716	0.0137	-2.5 to 2.5	Pass
				40	3.85	5.350	0.0022	-2.5 to 2.5	Pass
				50	3.85	3.734	0.0016	-2.5 to 2.5	Pass
16QAM	2310	100	0	20	3.27	-20.370	-0.0088	-2.5 to 2.5	Pass
					3.85	-22.073	-0.0096	-2.5 to 2.5	Pass
					4.43	-3.920	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-1.330	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-10.715	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-11.716	-0.0051	-2.5 to 2.5	Pass
				0	3.85	8.526	0.0037	-2.5 to 2.5	Pass
				10	3.85	15.292	0.0066	-2.5 to 2.5	Pass
				30	3.85	22.230	0.0096	-2.5 to 2.5	Pass
				40	3.85	28.811	0.0125	-2.5 to 2.5	Pass
				50	3.85	33.116	0.0143	-2.5 to 2.5	Pass
	2350	100	0	20	3.27	-32.430	-0.0138	-2.5 to 2.5	Pass
					3.85	-17.753	-0.0076	-2.5 to 2.5	Pass
					4.43	-19.941	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-13.390	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-4.048	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	15.349	0.0065	-2.5 to 2.5	Pass
				0	3.85	14.176	0.0060	-2.5 to 2.5	Pass
				10	3.85	18.911	0.0080	-2.5 to 2.5	Pass
				30	3.85	12.088	0.0051	-2.5 to 2.5	Pass
				40	3.85	24.018	0.0102	-2.5 to 2.5	Pass
				50	3.85	28.896	0.0123	-2.5 to 2.5	Pass
	2390	100	0	20	3.27	18.983	0.0079	-2.5 to 2.5	Pass
					3.85	20.657	0.0086	-2.5 to 2.5	Pass
					4.43	29.211	0.0122	-2.5 to 2.5	Pass
				-30	3.85	12.059	0.0050	-2.5 to 2.5	Pass
				-20	3.85	8.998	0.0038	-2.5 to 2.5	Pass
				-10	3.85	16.823	0.0070	-2.5 to 2.5	Pass
				0	3.85	38.195	0.0160	-2.5 to 2.5	Pass
				10	3.85	44.189	0.0185	-2.5 to 2.5	Pass
				30	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				40	3.85	14.777	0.0062	-2.5 to 2.5	Pass
				50	3.85	25.692	0.0107	-2.5 to 2.5	Pass

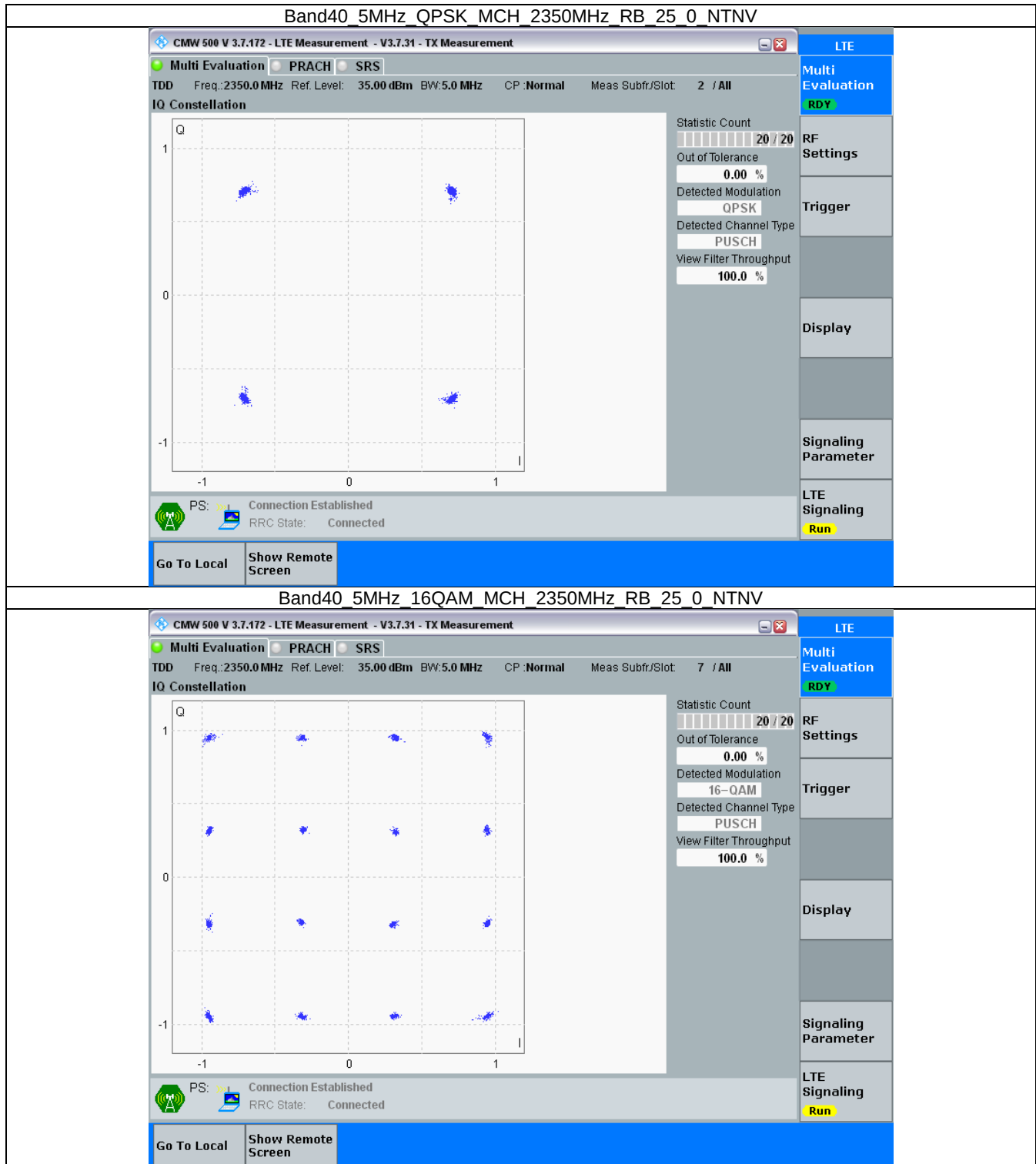
3. Modulation Characteristics

3.1 B40_5MHz

3.1.1 Test Result

Band: 40 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2350	25	0	Refer To Test Graph		Pass
16QAM	2350	25	0	Refer To Test Graph		Pass

3.1.2 Test Graph

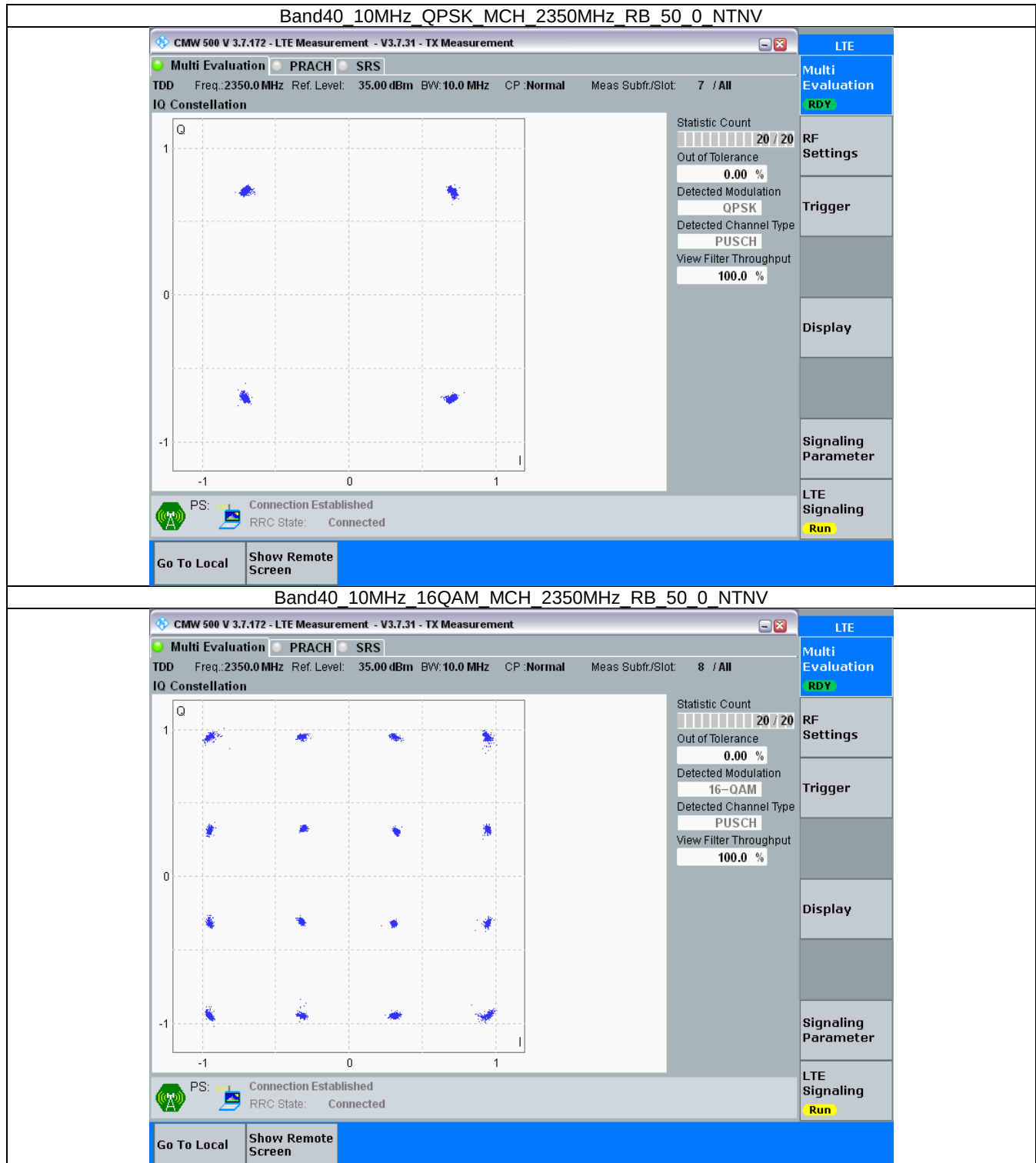


3.2 B40_10MHz

3.2.1 Test Result

Band: 40 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	2350	50	0	Refer To Test Graph	
16QAM	2350	50	0	Refer To Test Graph	
					Verdict
					Pass
					Pass

3.2.2 Test Graph

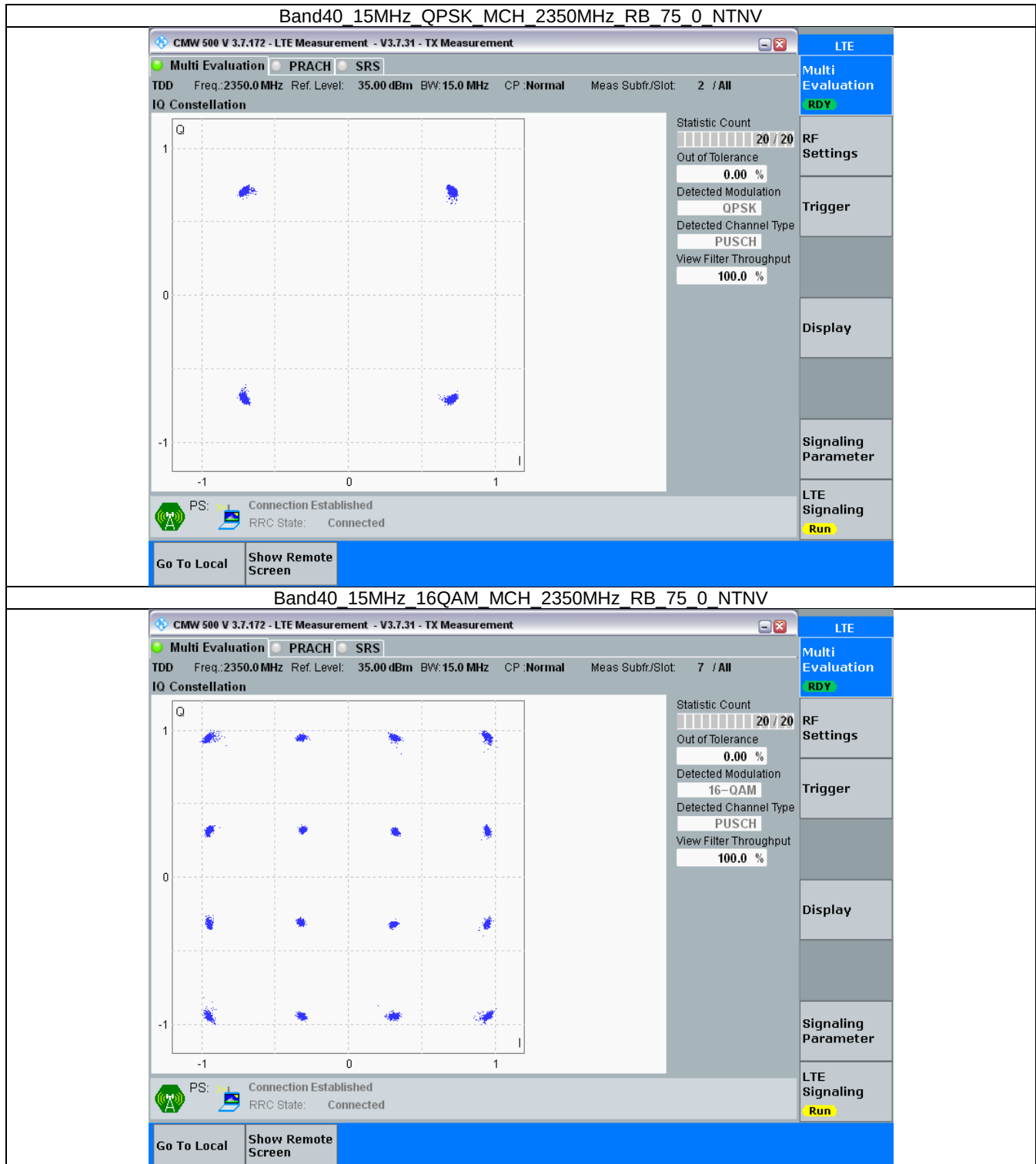


3.3 B40_15MHz

3.3.1 Test Result

Band: 40 / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	2350	75	0	Refer To Test Graph	
16QAM	2350	75	0	Refer To Test Graph	
					Verdict
					Pass
					Pass

3.3.2 Test Graph

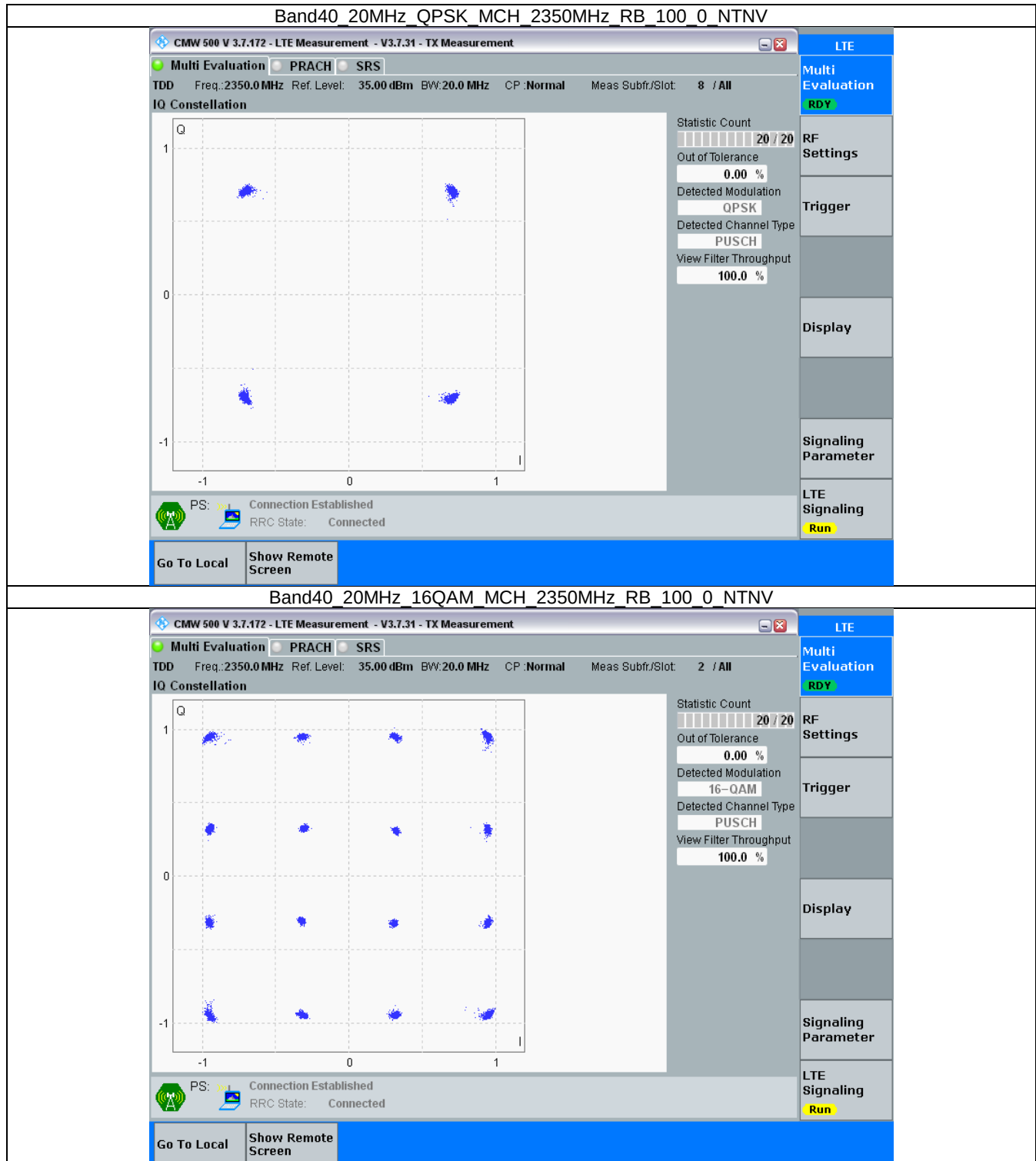


3.4 B40_20MHz

3.4.1 Test Result

Band: 40 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	2350	100	0	Refer To Test Graph	
16QAM	2350	100	0	Refer To Test Graph	
					Verdict
					Pass
					Pass

3.4.2 Test Graph



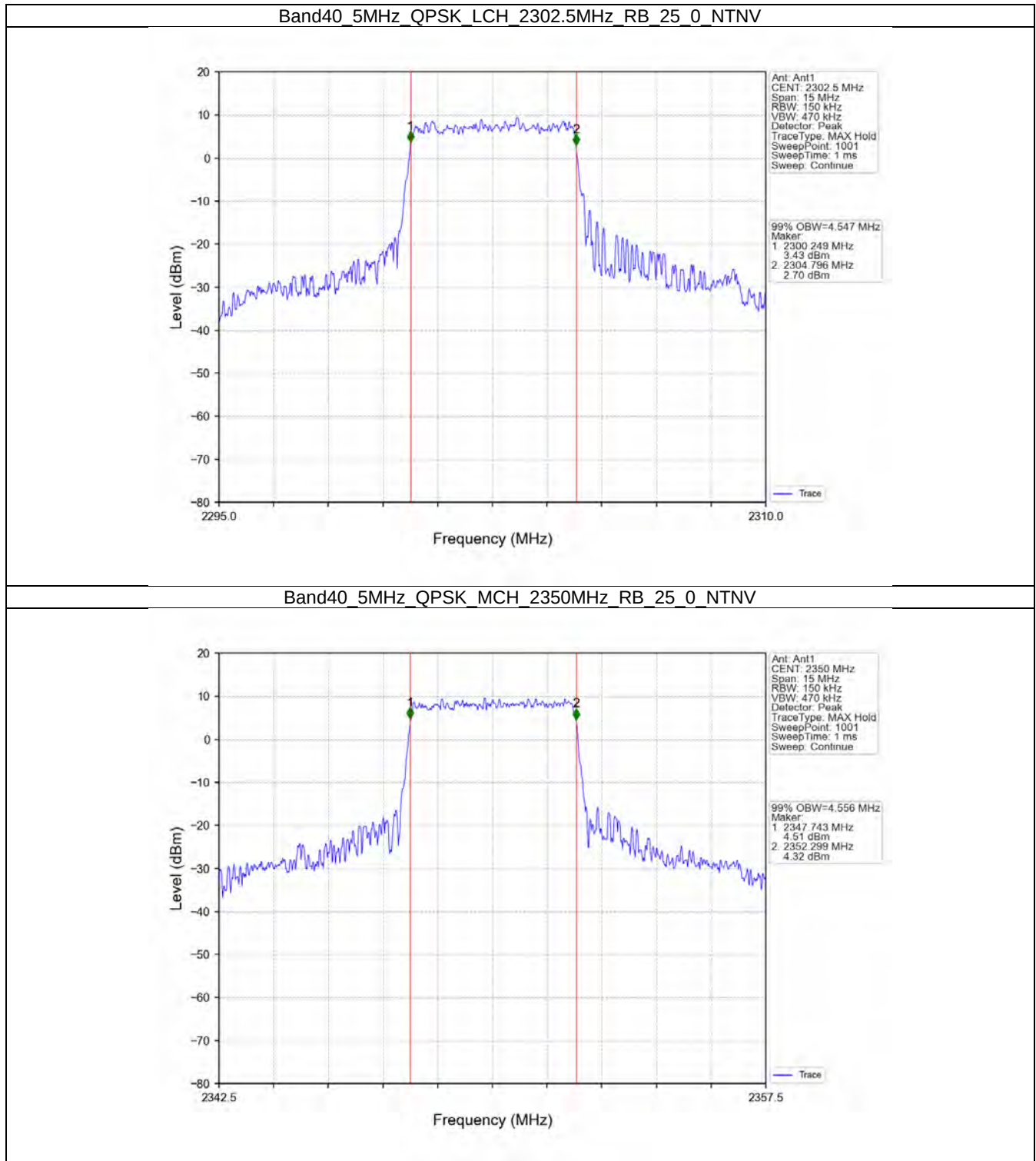
4. 99% & 26dB Bandwidth

4.1 Band40_OBW

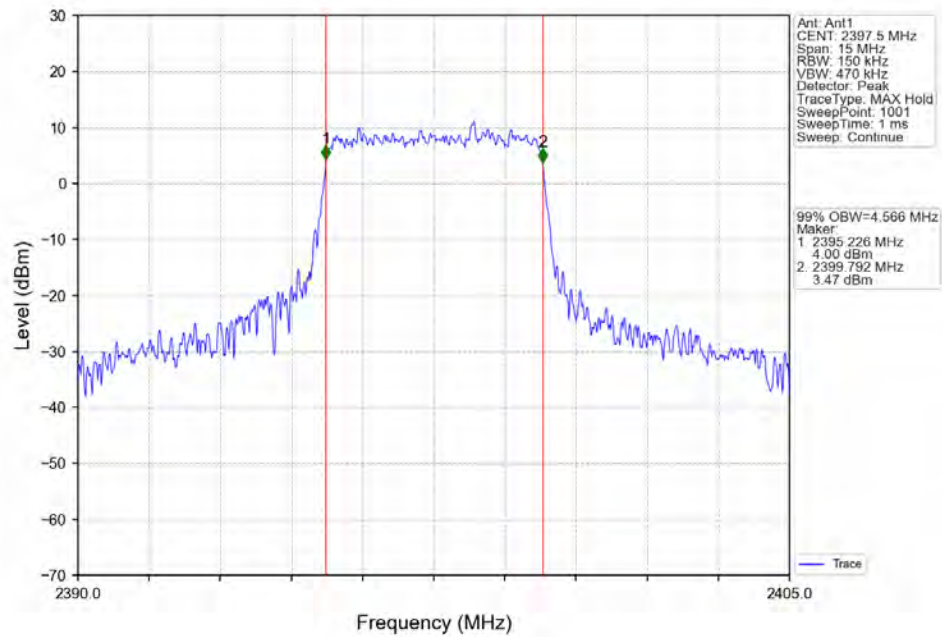
4.1.1 Test Result

Band: 40 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2302.5	25	0	4.547	/	Pass
		2350	25	0	4.556	/	Pass
		2397.5	25	0	4.566	/	Pass
	16QAM	2302.5	25	0	4.561	/	Pass
		2350	25	0	4.603	/	Pass
		2397.5	25	0	4.571	/	Pass
10	QPSK	2305	50	0	9.028	/	Pass
		2350	50	0	9.120	/	Pass
		2395	50	0	9.078	/	Pass
	16QAM	2305	50	0	9.089	/	Pass
		2350	50	0	9.066	/	Pass
		2395	50	0	9.061	/	Pass
15	QPSK	2307.5	75	0	13.637	/	Pass
		2350	75	0	13.637	/	Pass
		2392.5	75	0	13.591	/	Pass
	16QAM	2307.5	75	0	13.512	/	Pass
		2350	75	0	13.656	/	Pass
		2392.5	75	0	13.666	/	Pass
20	QPSK	2310	100	0	18.157	/	Pass
		2350	100	0	18.157	/	Pass
		2390	100	0	18.139	/	Pass
	16QAM	2310	100	0	18.064	/	Pass
		2350	100	0	18.207	/	Pass
		2390	100	0	18.152	/	Pass

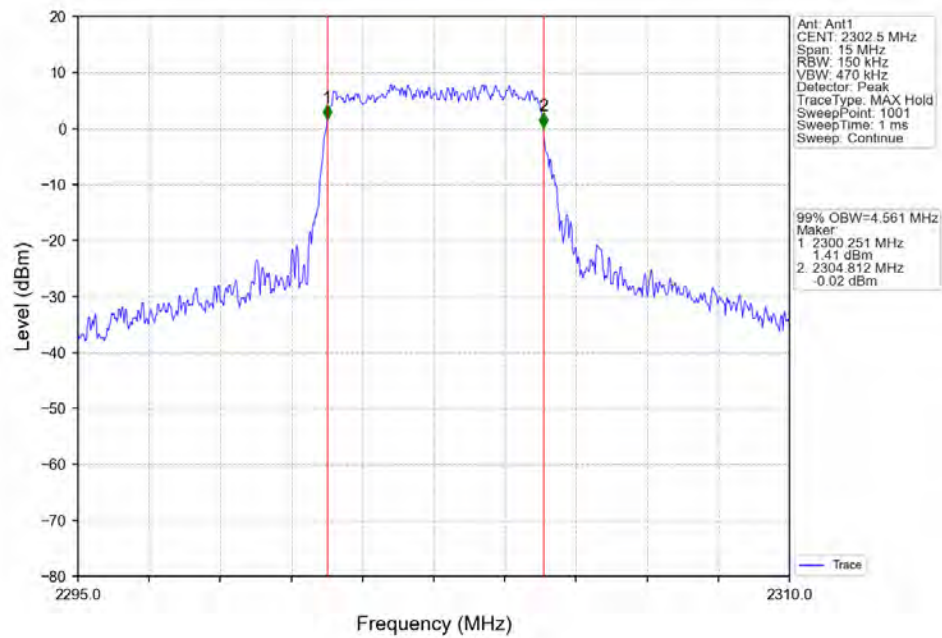
4.1.2 Test Graph



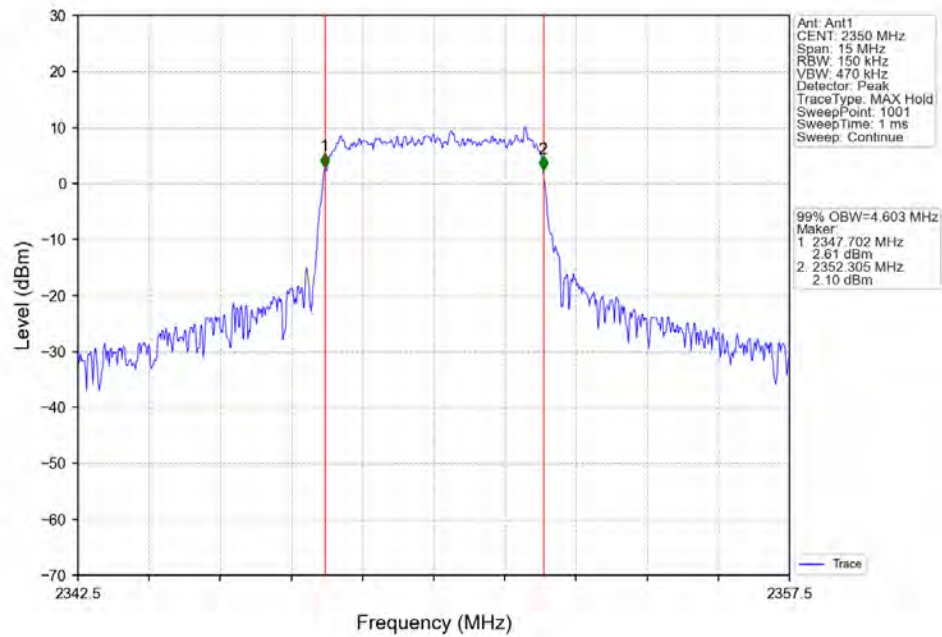
Band40_5MHz_QPSK_HCH_2397.5MHz_RB_25_0_NTNV



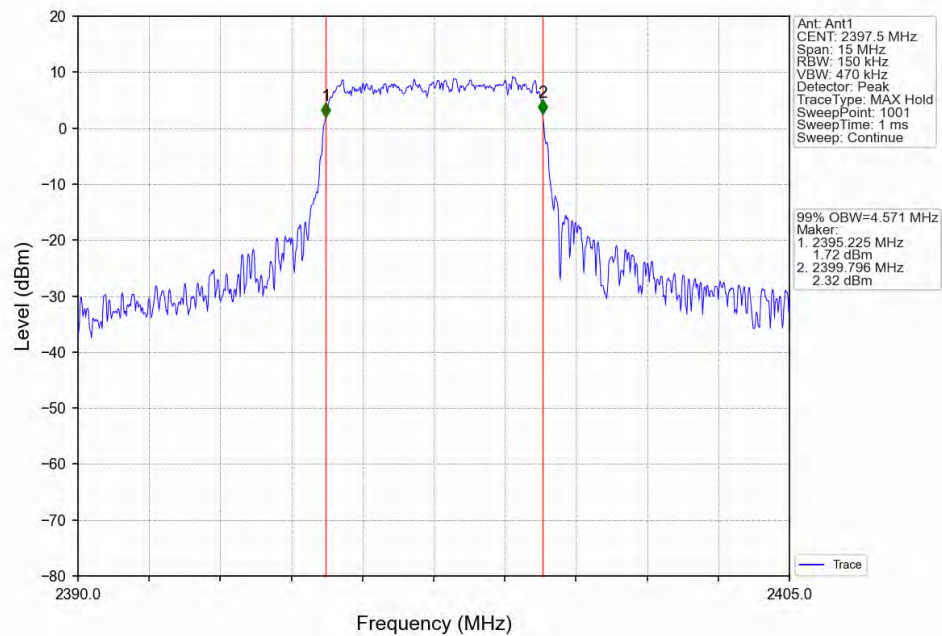
Band40_5MHz_16QAM_LCH_2302.5MHz_RB_25_0_NTNV



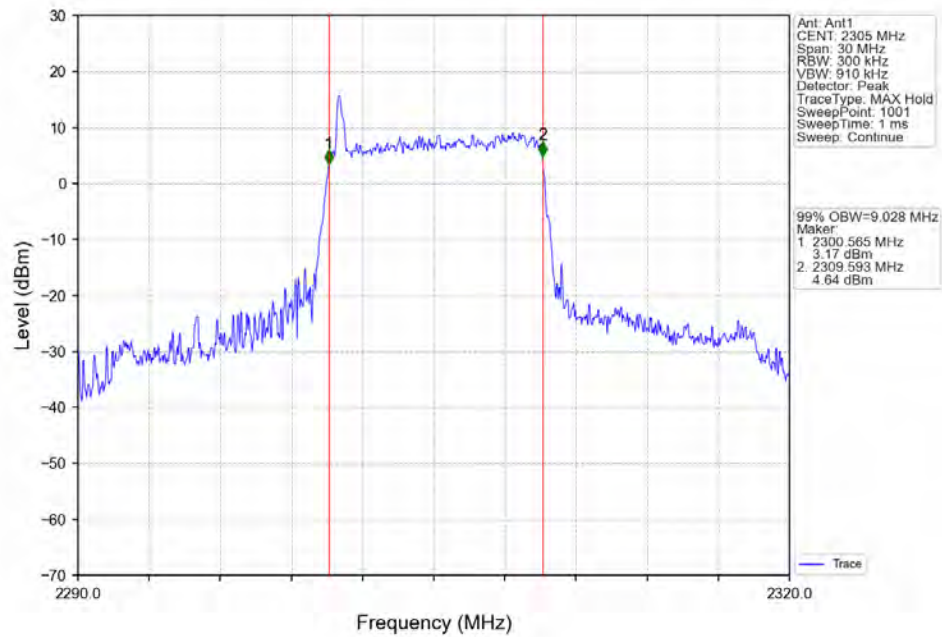
Band40_5MHz_16QAM_MCH_2350MHz_RB_25_0_NTNV



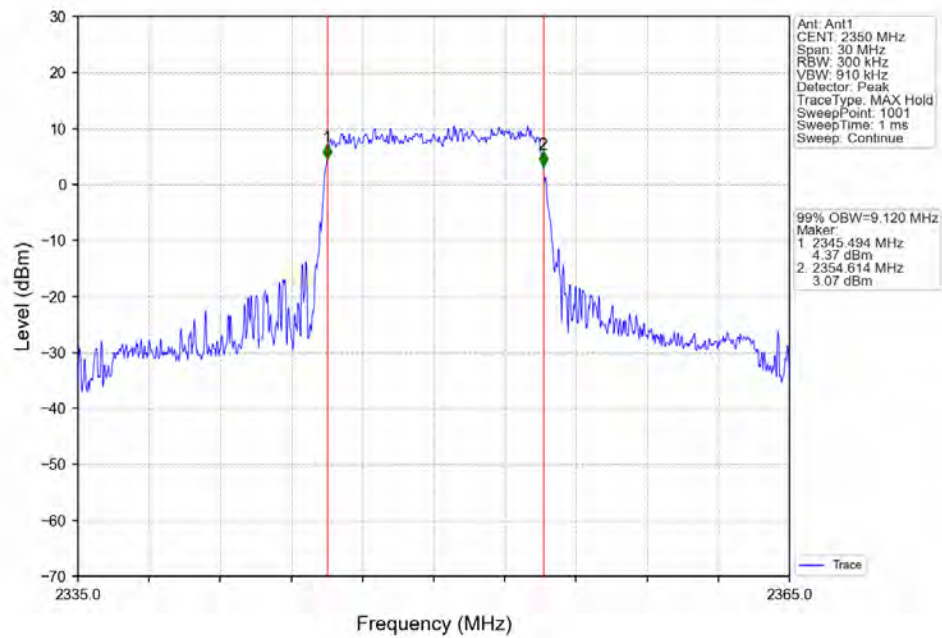
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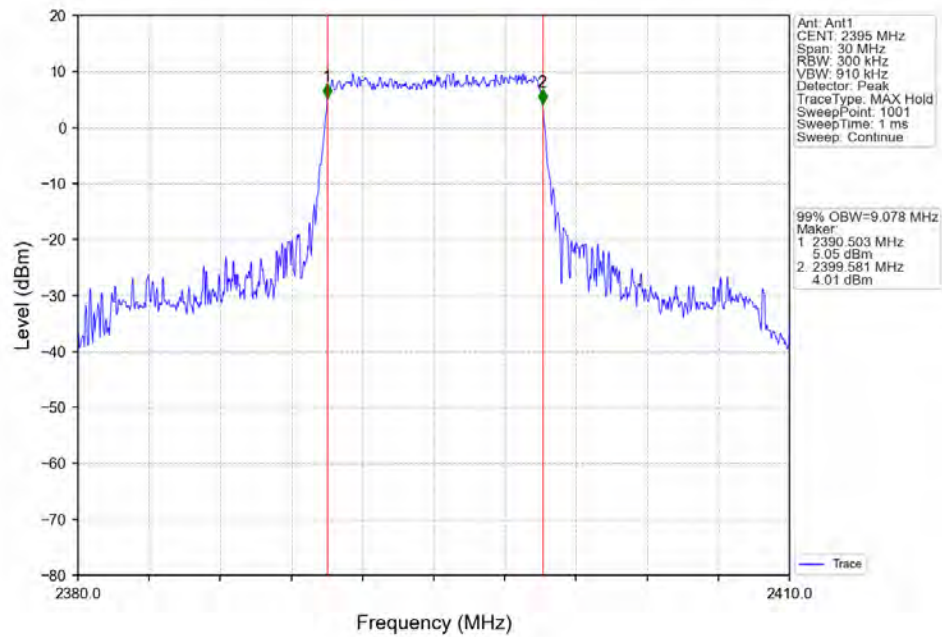
Band40_10MHz_QPSK_LCH_2305MHz_RB_50_0_NTNV



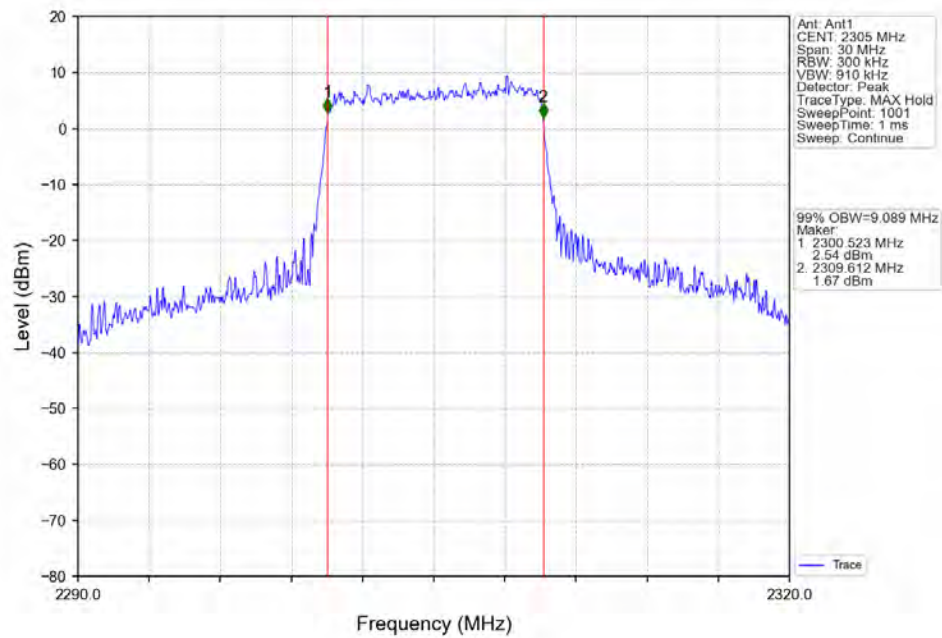
Band40_10MHz_QPSK_MCH_2350MHz_RB_50_0_NTNV



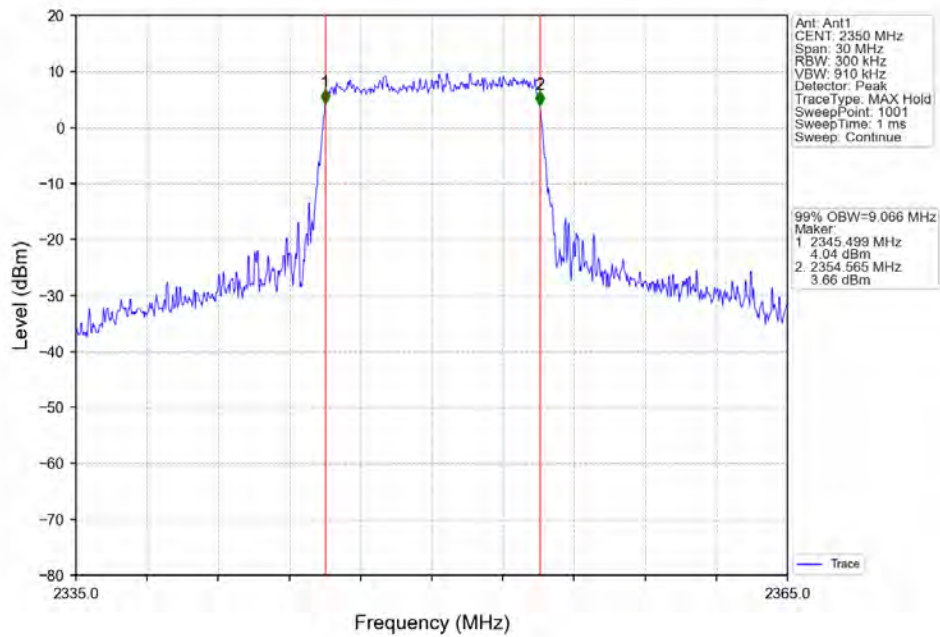
Band40_10MHz_QPSK_HCH_2395MHz_RB_50_0_NTNV



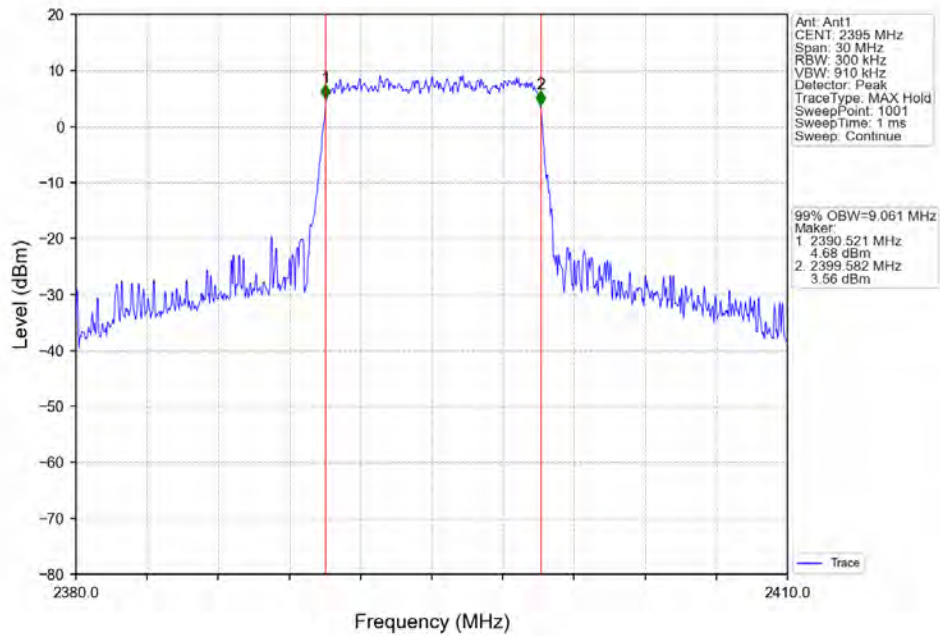
Band40_10MHz_16QAM_LCH_2305MHz_RB_50_0_NTNV



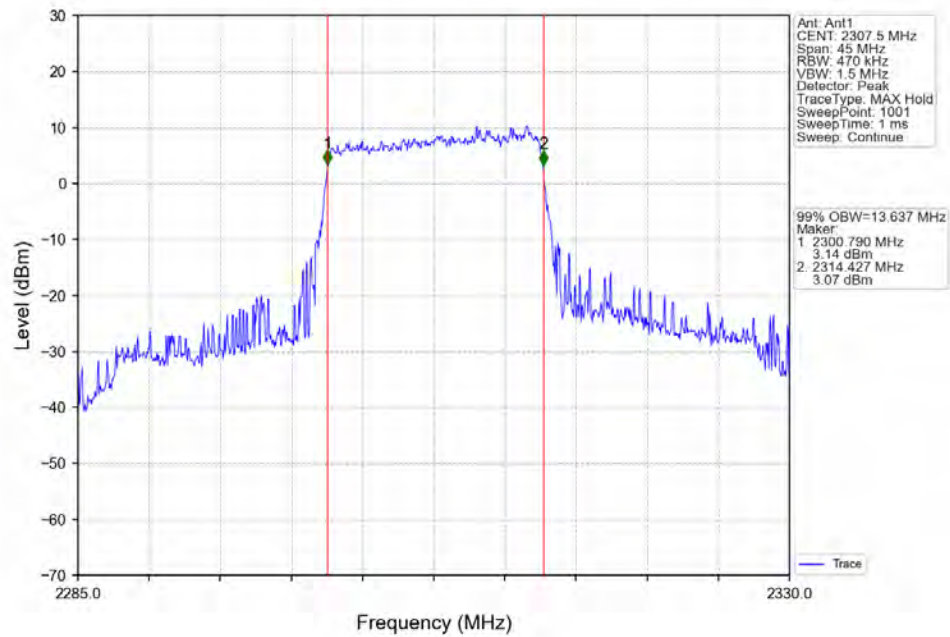
Band40_10MHz_16QAM_MCH_2350MHz_RB_50_0_NTNV



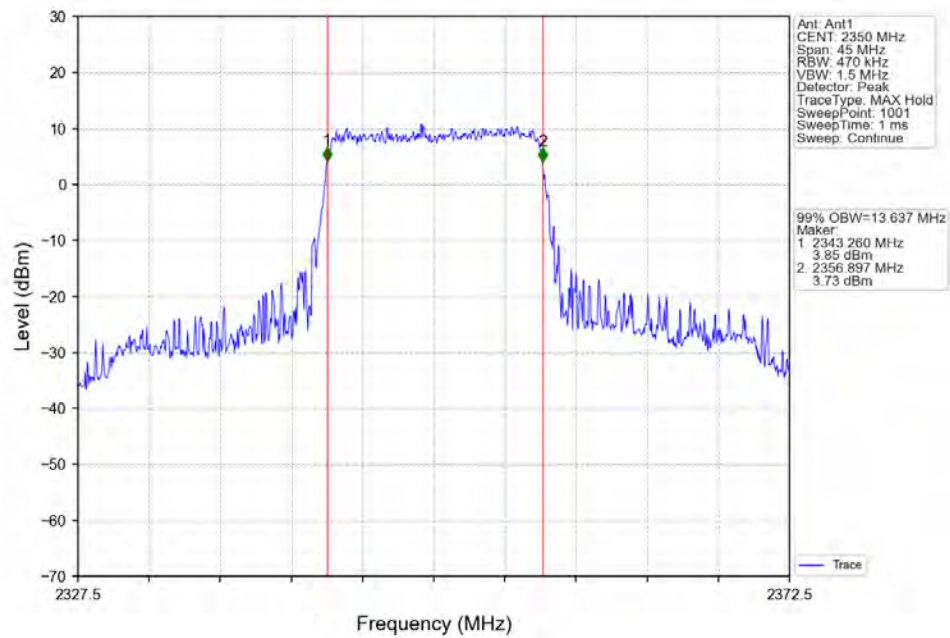
Band40_10MHz_16QAM_HCH_2395MHz_RB_50_0_NTNV



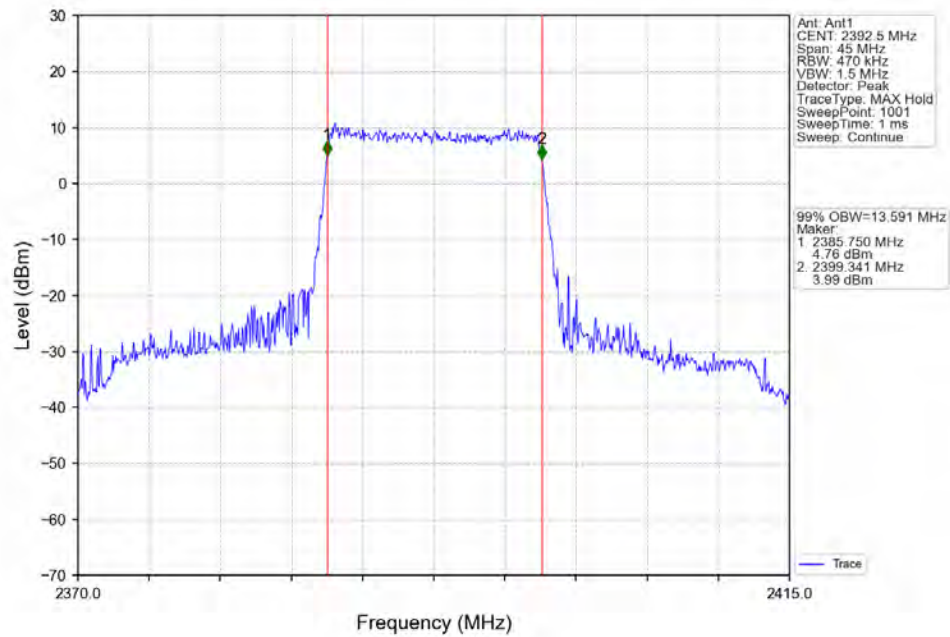
Band40_15MHz_QPSK_LCH_2307.5MHz_RB_75_0_NTNV



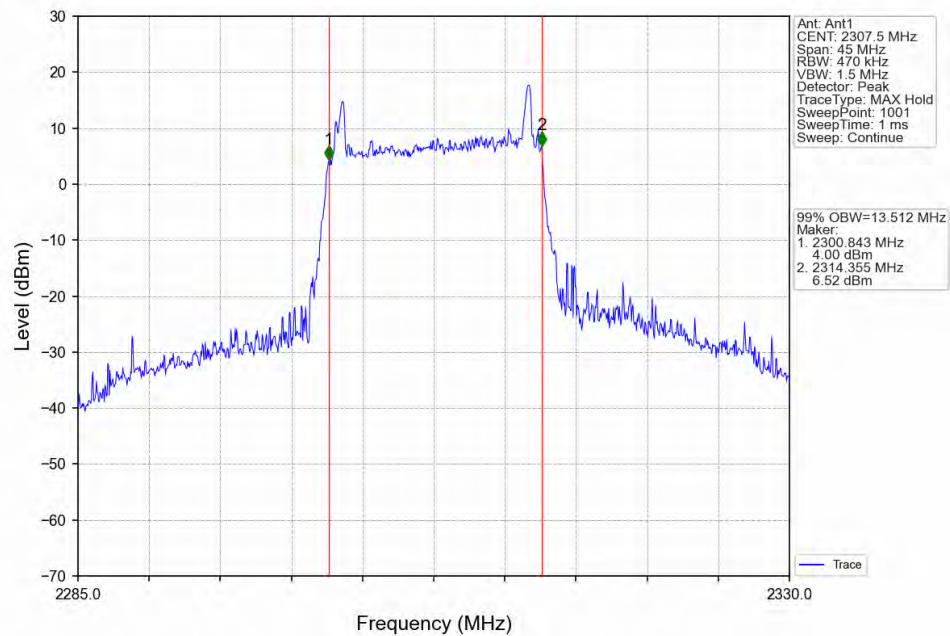
Band40_15MHz_QPSK_MCH_2350MHz_RB_75_0_NTNV



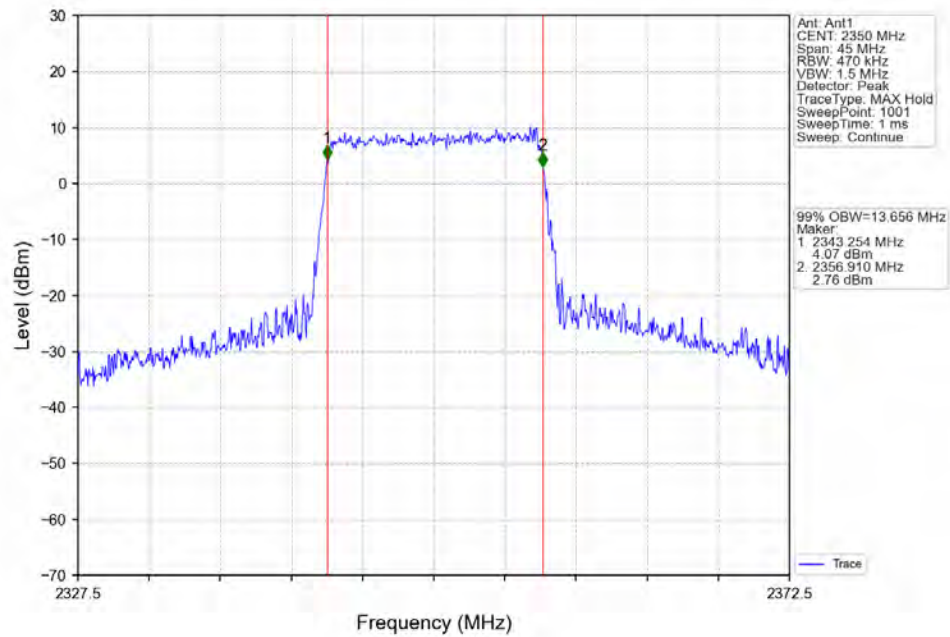
Band40_15MHz_QPSK_HCH_2392.5MHz_RB_75_0_NTNV



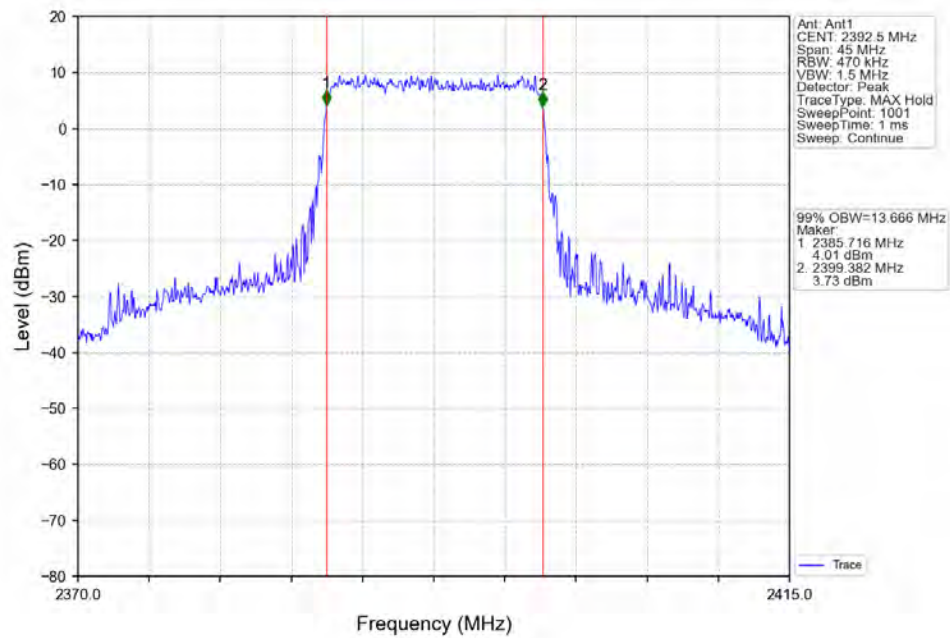
Band40_15MHz_16QAM_LCH_2307.5MHz_RB_75_0_NTNV



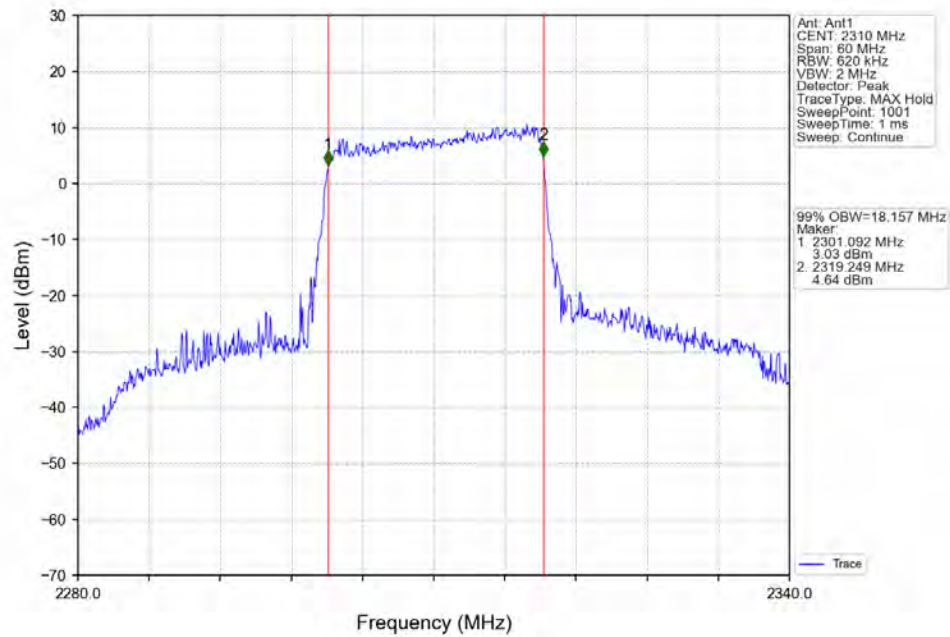
Band40_15MHz_16QAM_MCH_2350MHz_RB_75_0_NTNV



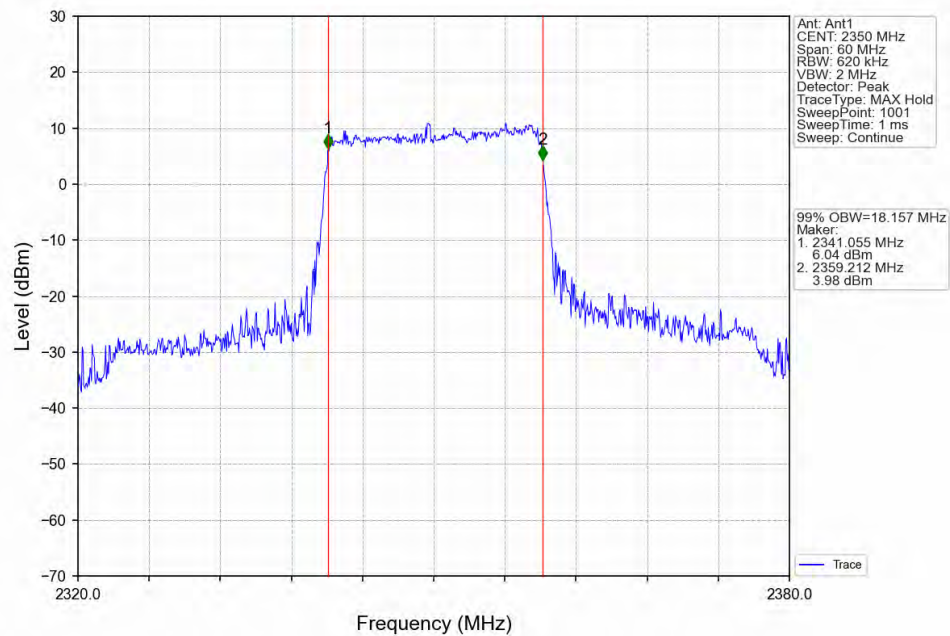
Band40_15MHz_16QAM_HCH_2392.5MHz_RB_75_0_NTNV



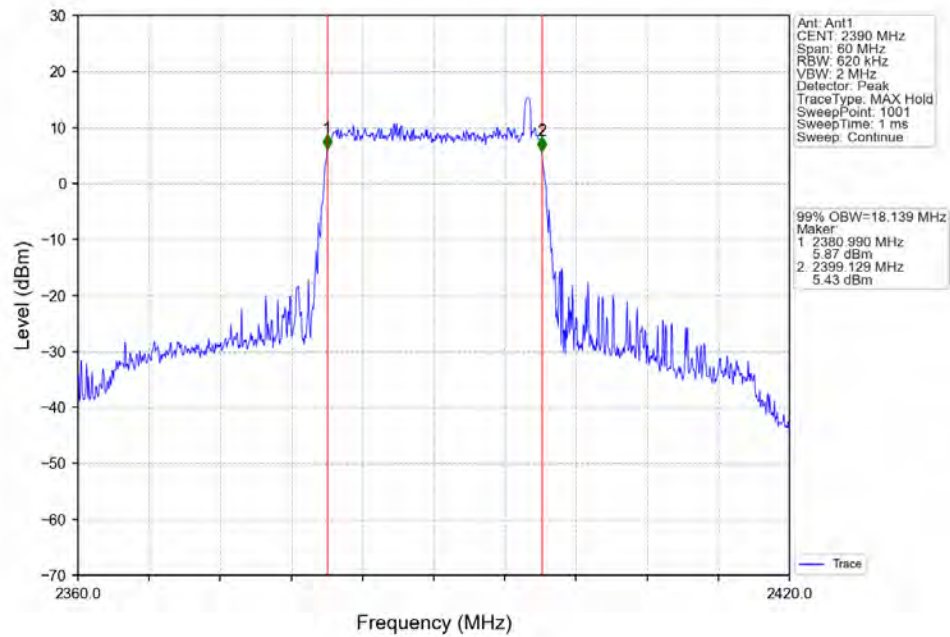
Band40_20MHz_QPSK_LCH_2310MHz_RB_100_0_NTNV



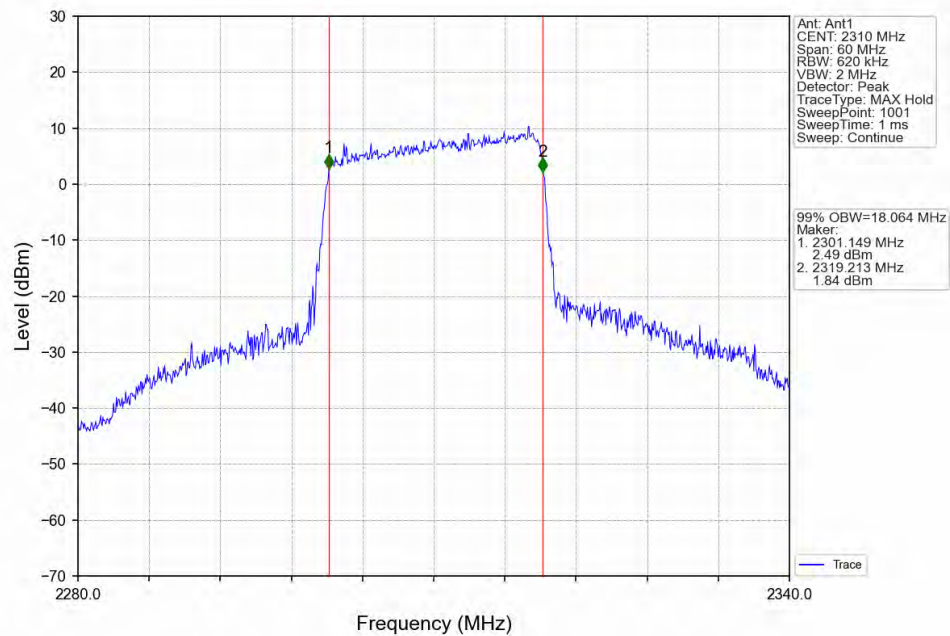
Band40_20MHz_QPSK_MCH_2350MHz_RB_100_0_NTNV



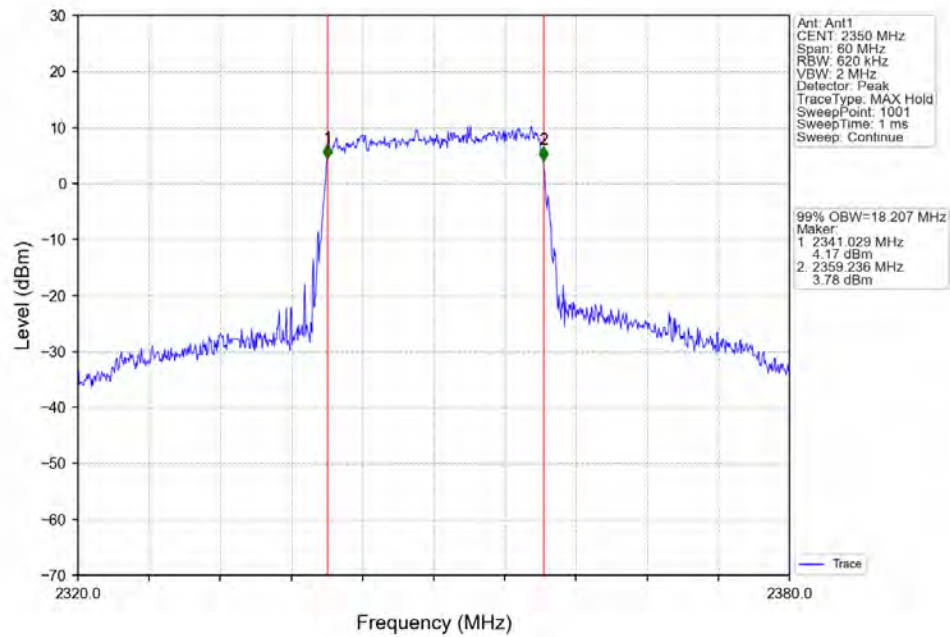
Band40_20MHz_QPSK_HCH_2390MHz_RB_100_0_NTNV



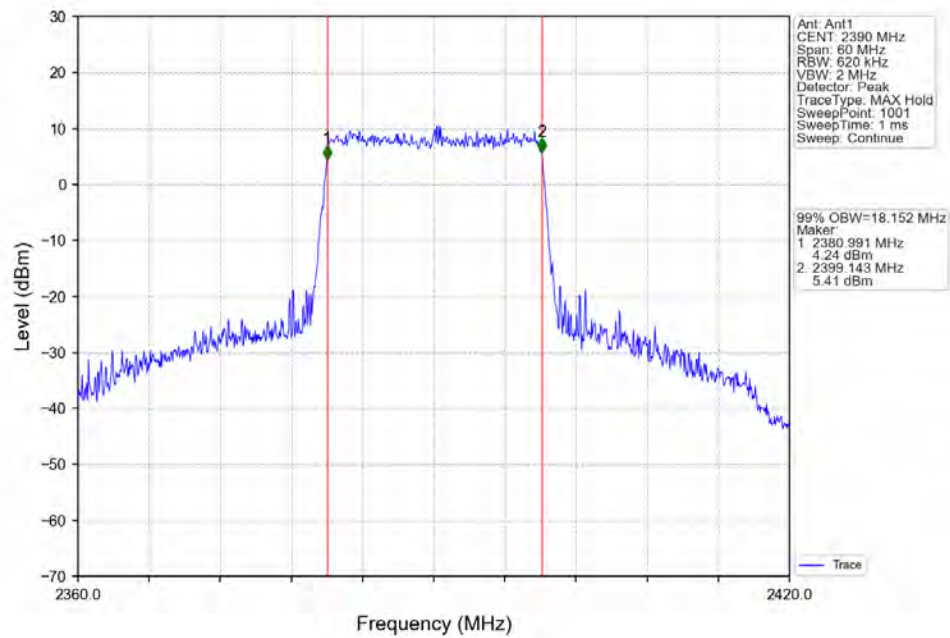
Band40_20MHz_16QAM_LCH_2310MHz_RB_100_0_NTNV



Band40_20MHz_16QAM_MCH_2350MHz_RB_100_0_NTNV



Band40_20MHz_16QAM_HCH_2390MHz_RB_100_0_NTNV

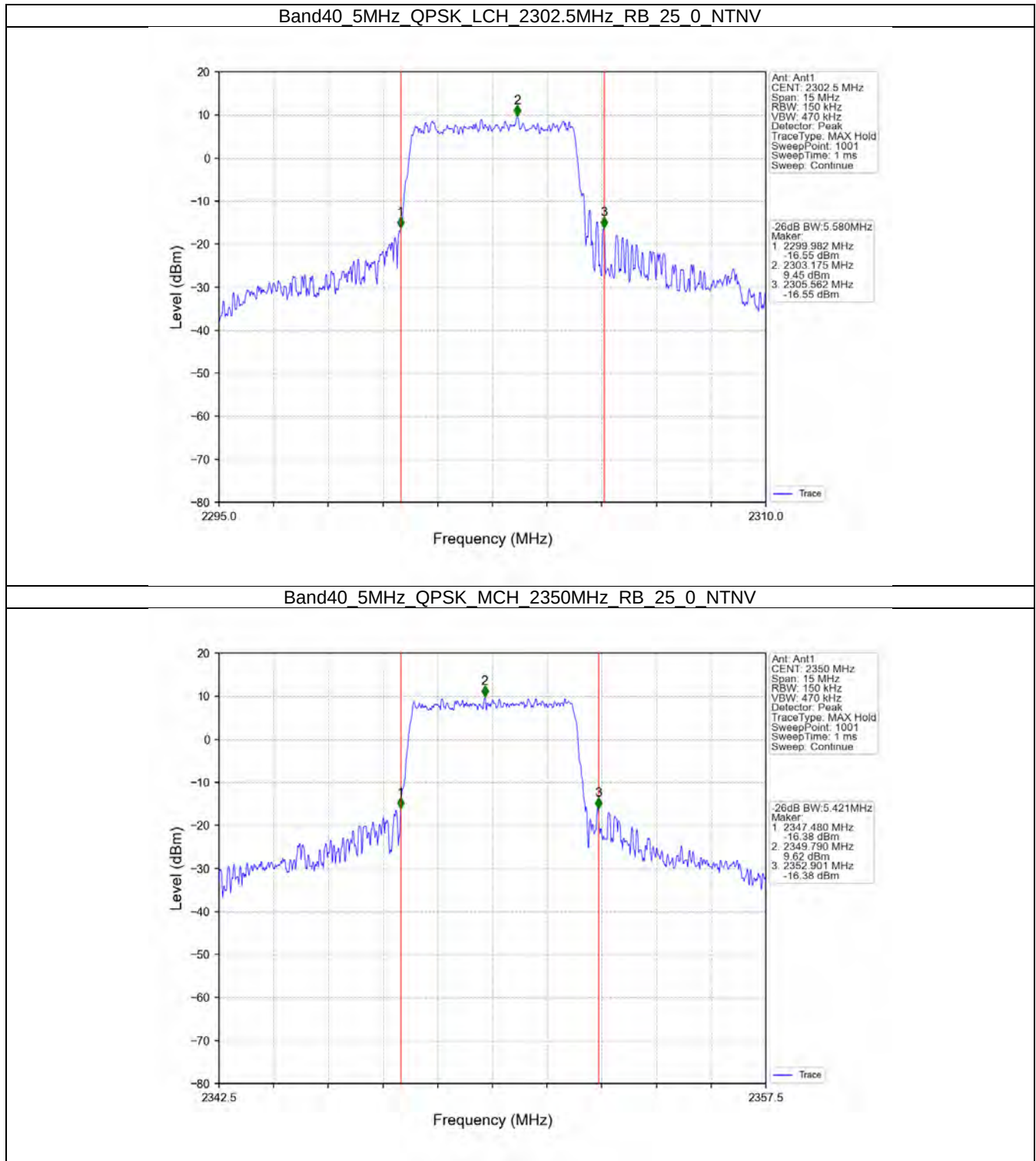


4.2 Band40_XDB

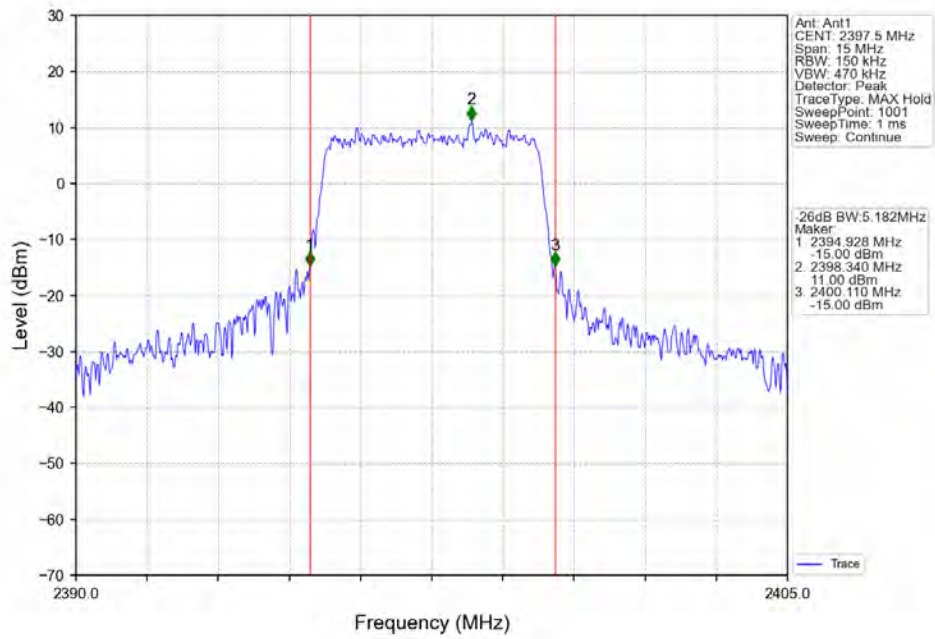
4.2.1 Test Result

Band: 40 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2302.5	25	0	5.580	/	Pass
		2350	25	0	5.421	/	Pass
		2397.5	25	0	5.182	/	Pass
	16QAM	2302.5	25	0	5.470	/	Pass
		2350	25	0	5.366	/	Pass
		2397.5	25	0	5.557	/	Pass
10	QPSK	2305	50	0	9.780	/	Pass
		2350	50	0	11.055	/	Pass
		2395	50	0	10.355	/	Pass
	16QAM	2305	50	0	10.280	/	Pass
		2350	50	0	10.849	/	Pass
		2395	50	0	10.094	/	Pass
15	QPSK	2307.5	75	0	18.179	/	Pass
		2350	75	0	16.418	/	Pass
		2392.5	75	0	15.125	/	Pass
	16QAM	2307.5	75	0	14.414	/	Pass
		2350	75	0	15.308	/	Pass
		2392.5	75	0	15.677	/	Pass
20	QPSK	2310	100	0	20.368	/	Pass
		2350	100	0	20.673	/	Pass
		2390	100	0	19.634	/	Pass
	16QAM	2310	100	0	20.020	/	Pass
		2350	100	0	20.545	/	Pass
		2390	100	0	19.948	/	Pass

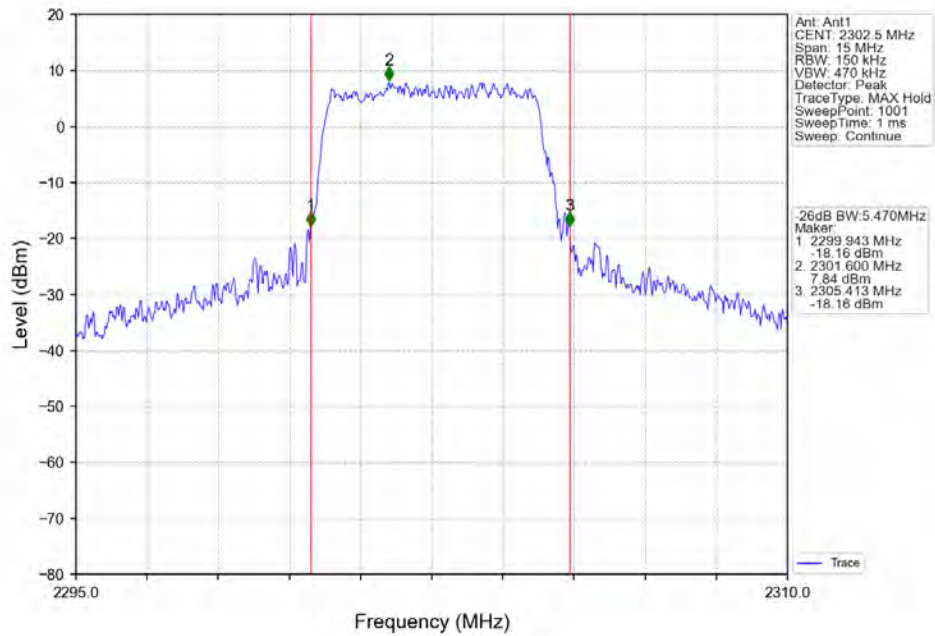
4.2.2 Test Graph



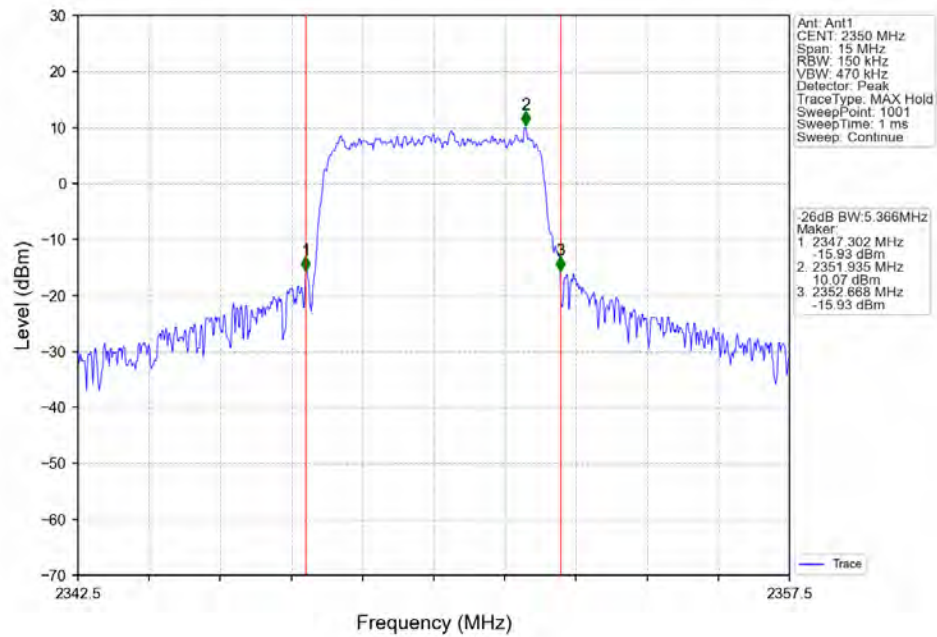
Band40_5MHz_QPSK_HCH_2397.5MHz_RB_25_0_NTNV



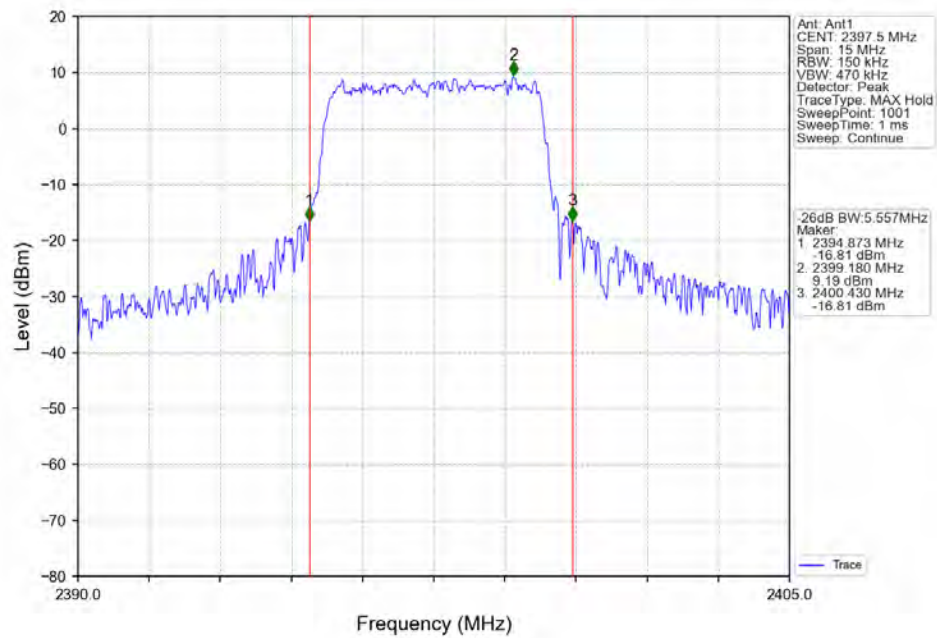
Band40_5MHz_16QAM_LCH_2302.5MHz_RB_25_0_NTNV



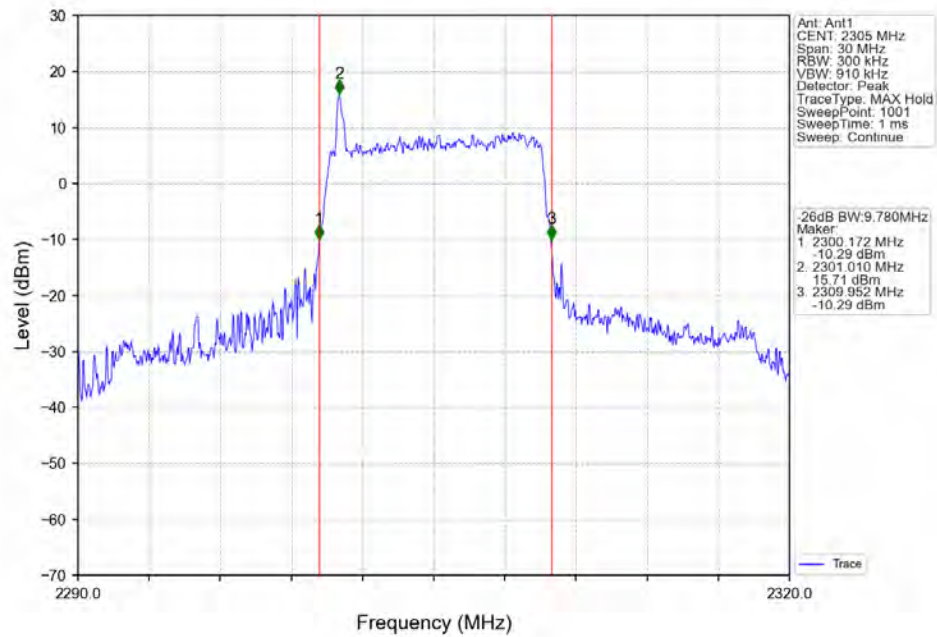
Band40_5MHz_16QAM_MCH_2350MHz_RB_25_0_NTNV



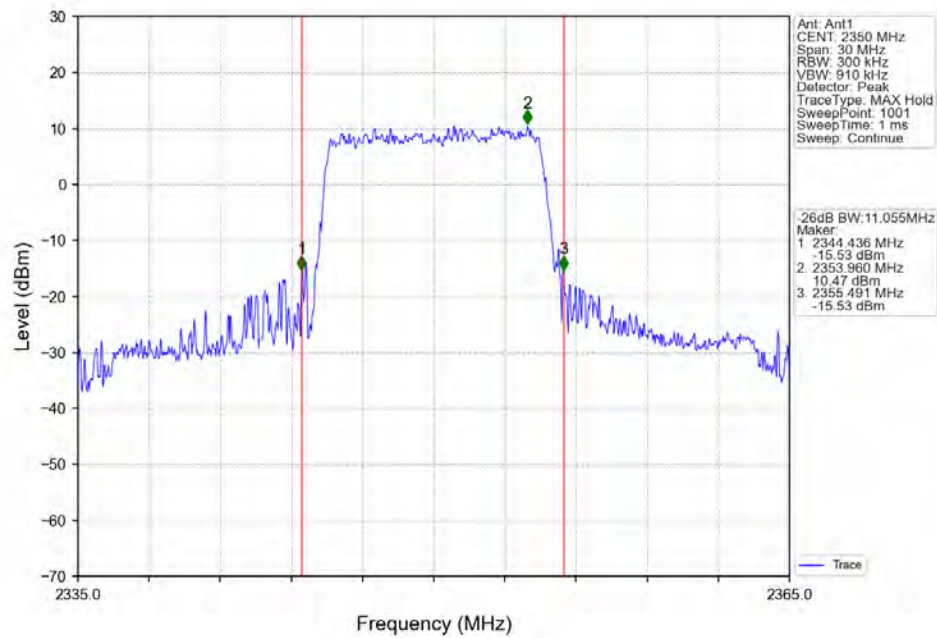
Band40_5MHz_16QAM_HCH_2397.5MHz_RB_25_0_NTNV



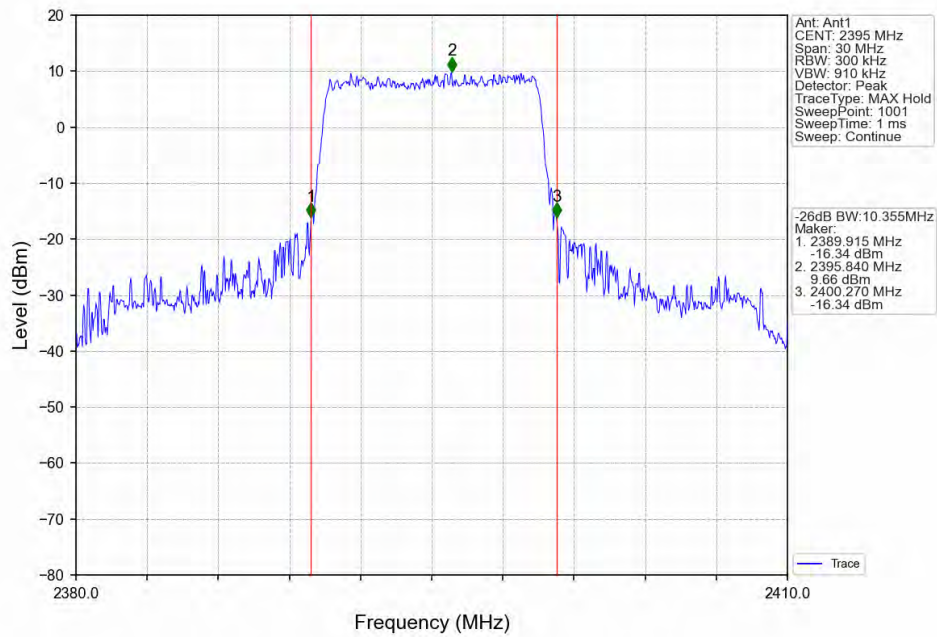
Band40_10MHz_QPSK_LCH_2305MHz_RB_50_0_NTNV



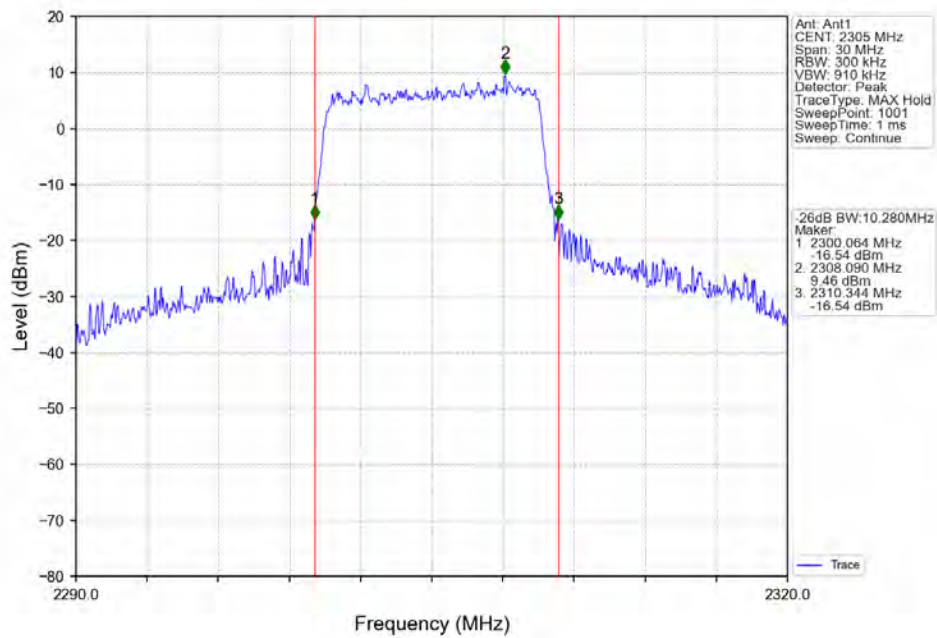
Band40_10MHz_QPSK_MCH_2350MHz_RB_50_0_NTNV



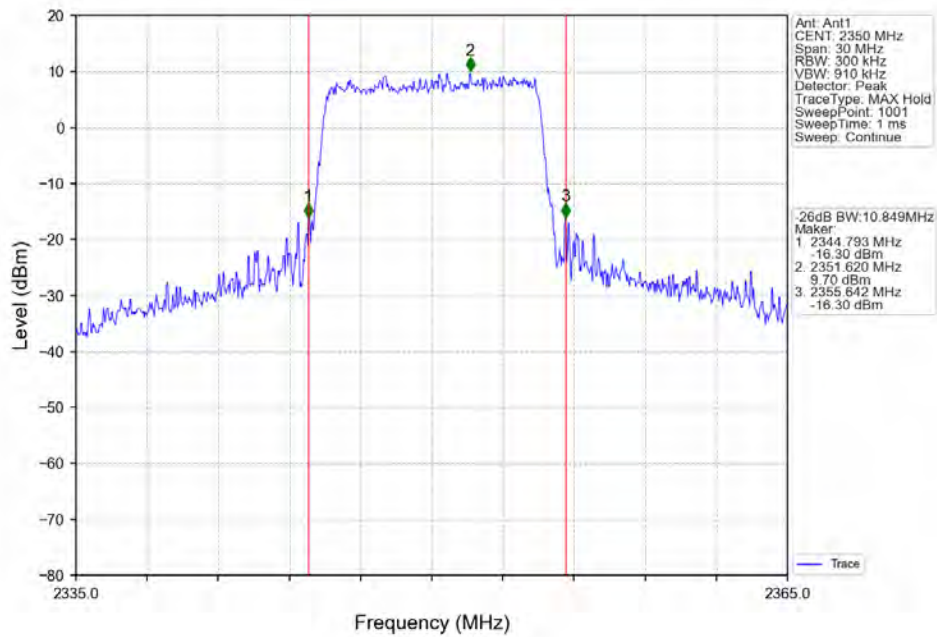
Band40_10MHz_QPSK_HCH_2395MHz_RB_50_0_NTNV



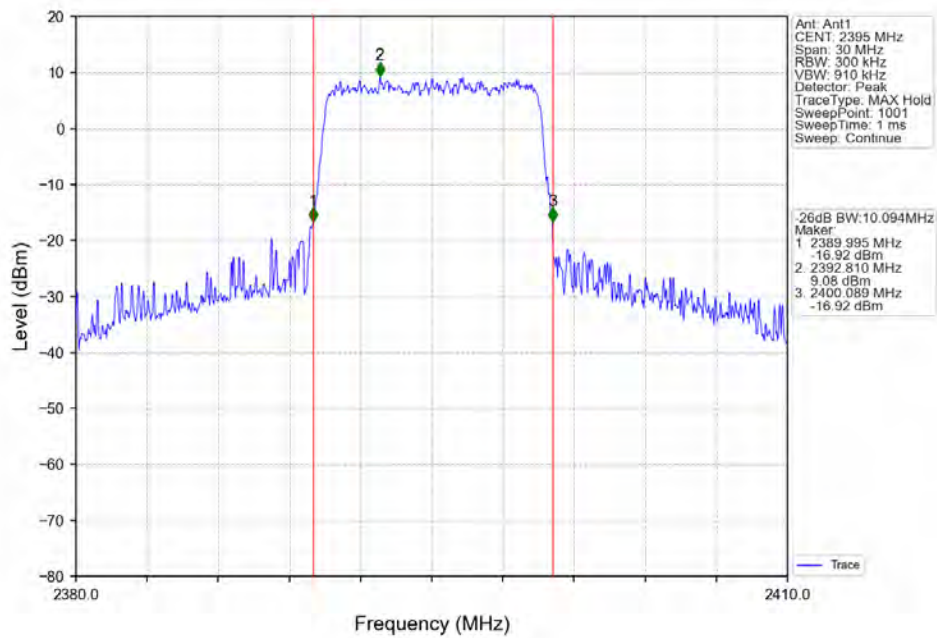
Band40_10MHz_16QAM_LCH_2305MHz_RB_50_0_NTNV



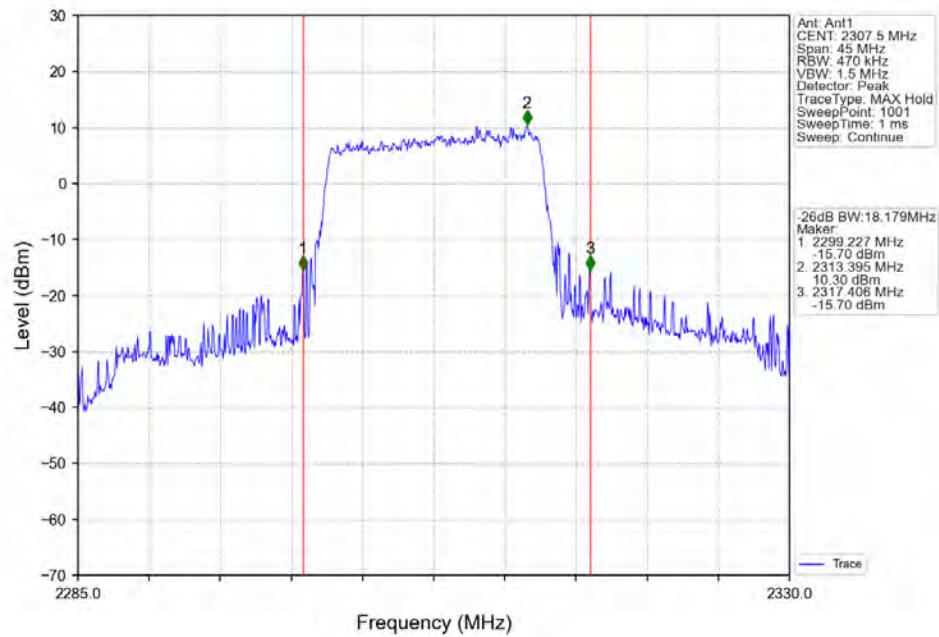
Band40_10MHz_16QAM_MCH_2350MHz_RB_50_0_NTNV



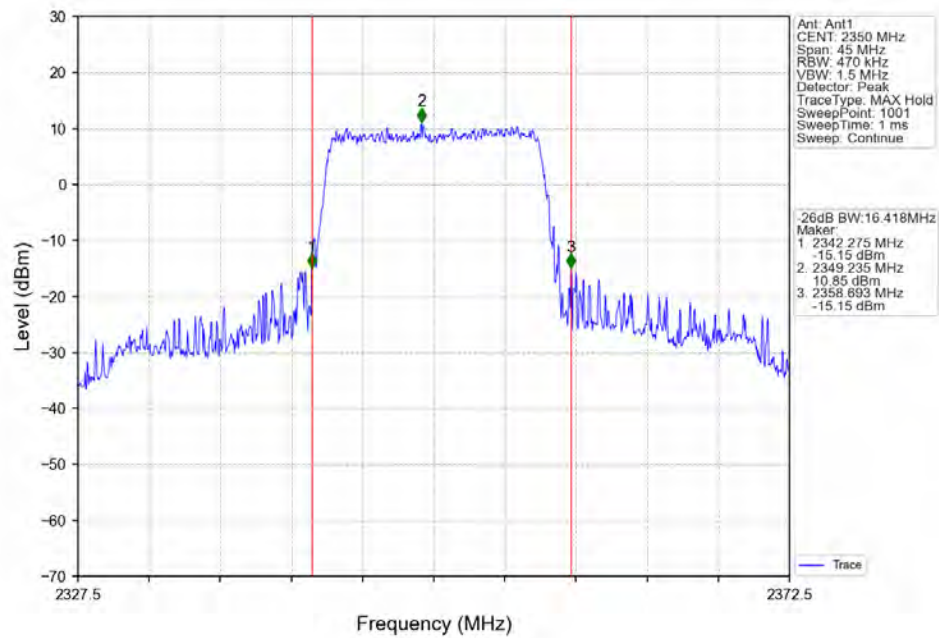
Band40_10MHz_16QAM_HCH_2395MHz_RB_50_0_NTNV



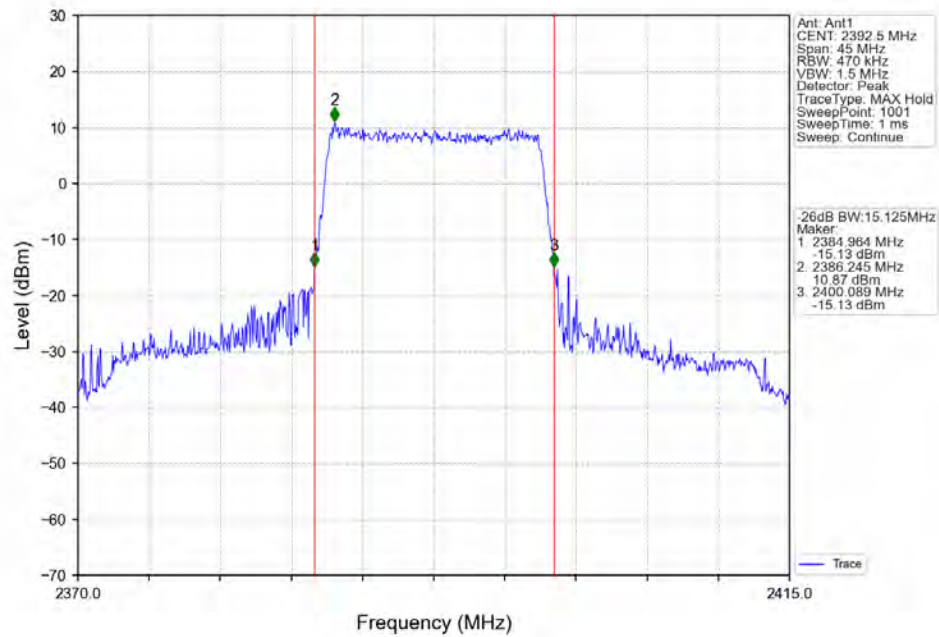
Band40_15MHz_QPSK_LCH_2307.5MHz_RB_75_0_NTNV



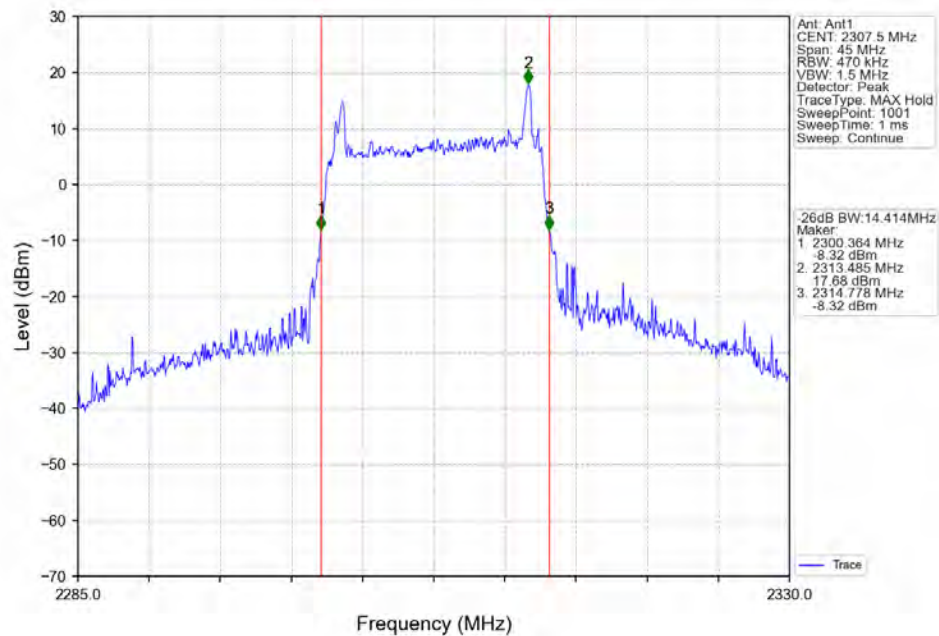
Band40_15MHz_QPSK_MCH_2350MHz_RB_75_0_NTNV



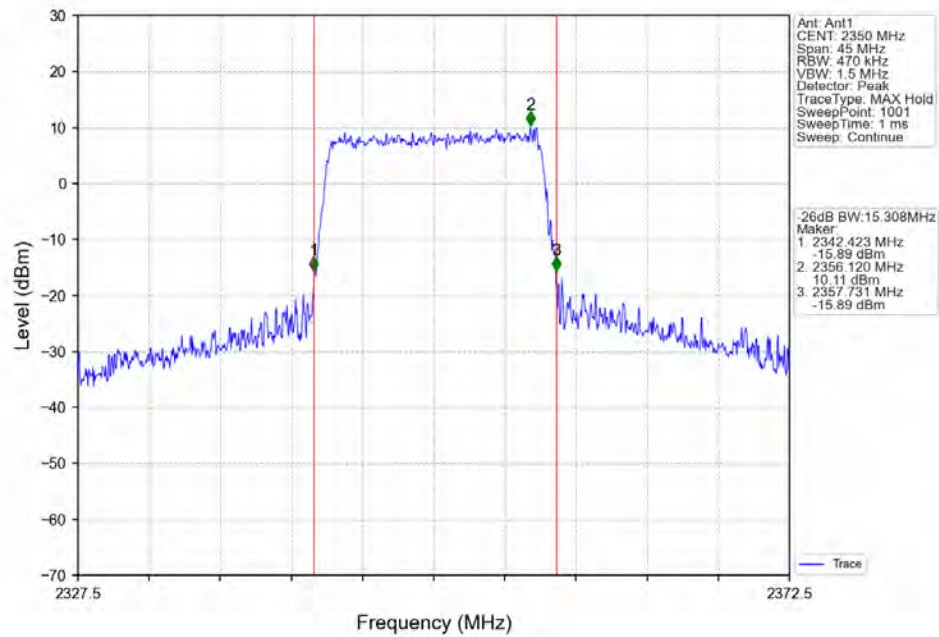
Band40_15MHz_QPSK_HCH_2392.5MHz_RB_75_0_NTNV



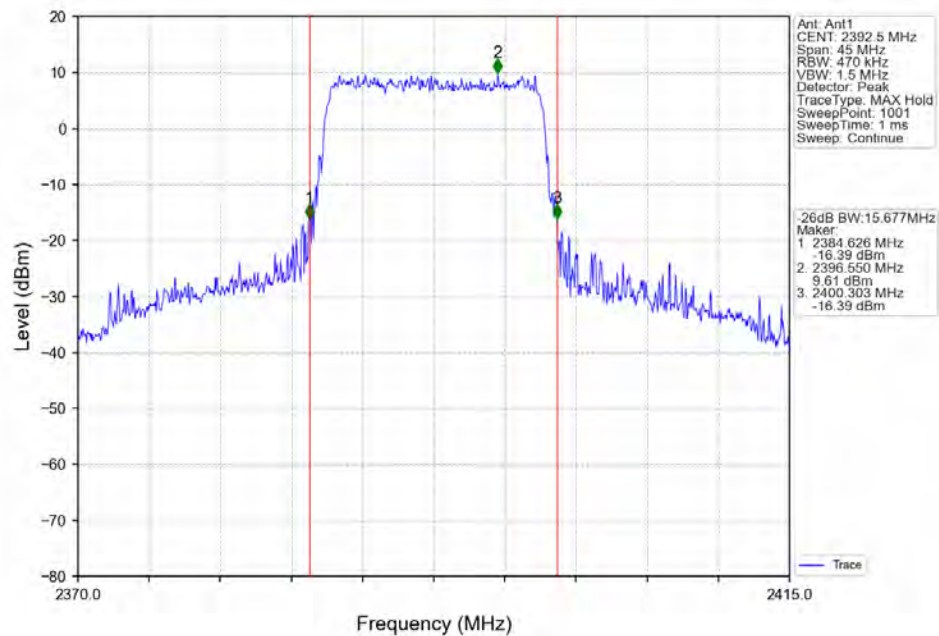
Band40_15MHz_16QAM_LCH_2307.5MHz_RB_75_0_NTNV



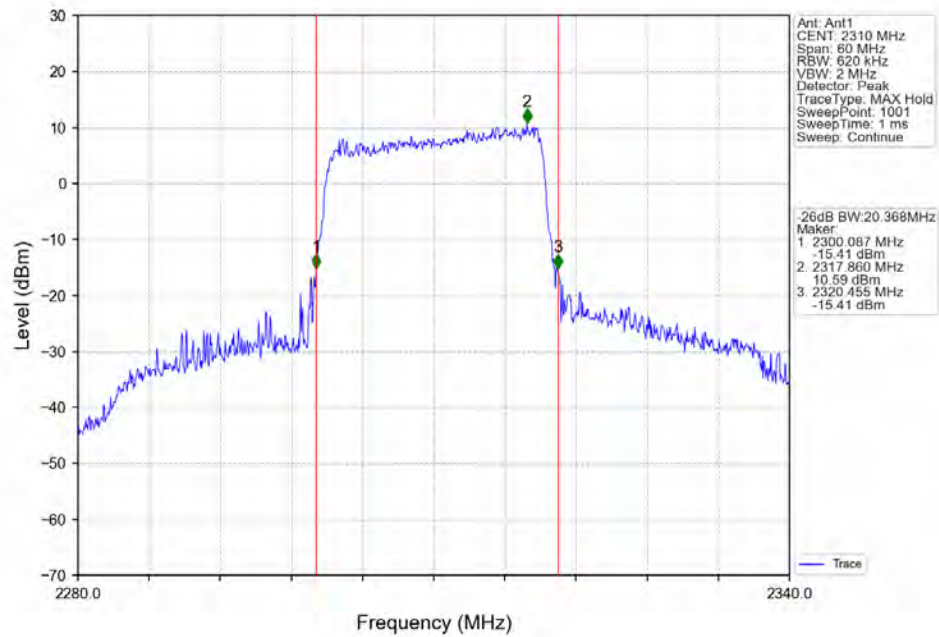
Band40_15MHz_16QAM_MCH_2350MHz_RB_75_0_NTNV



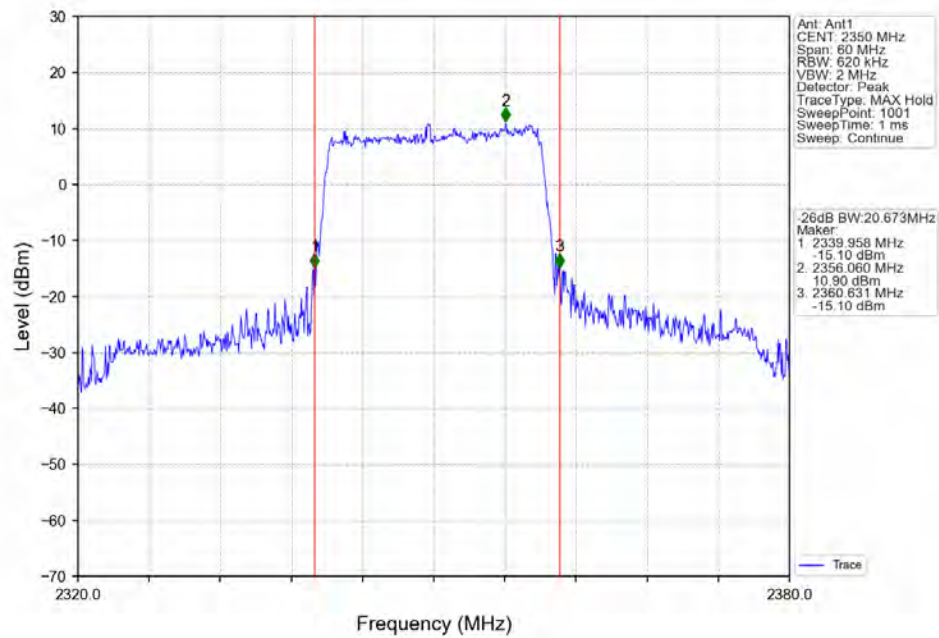
Band40_15MHz_16QAM_HCH_2392.5MHz_RB_75_0_NTNV



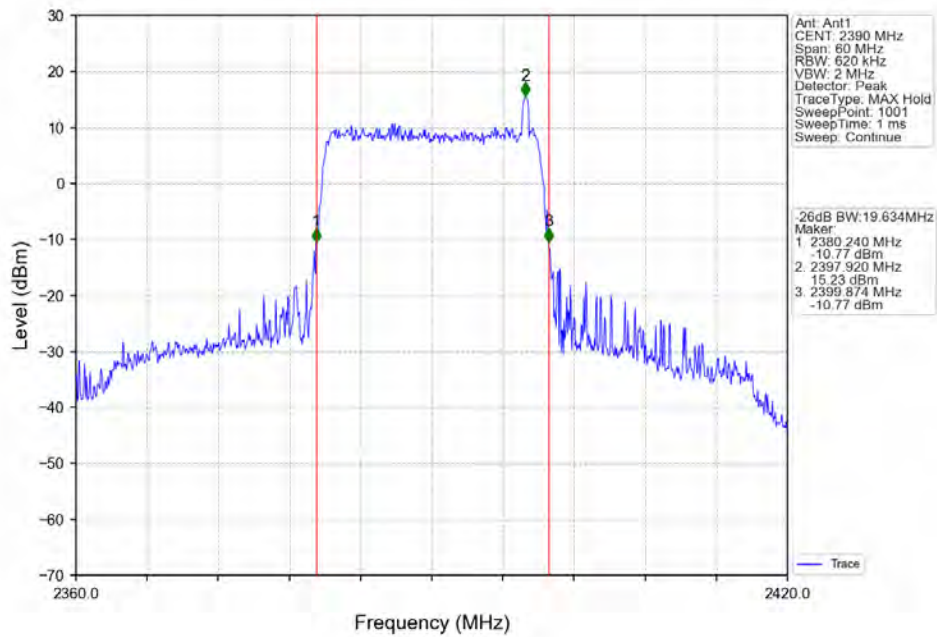
Band40_20MHz_QPSK_LCH_2310MHz_RB_100_0_NTNV



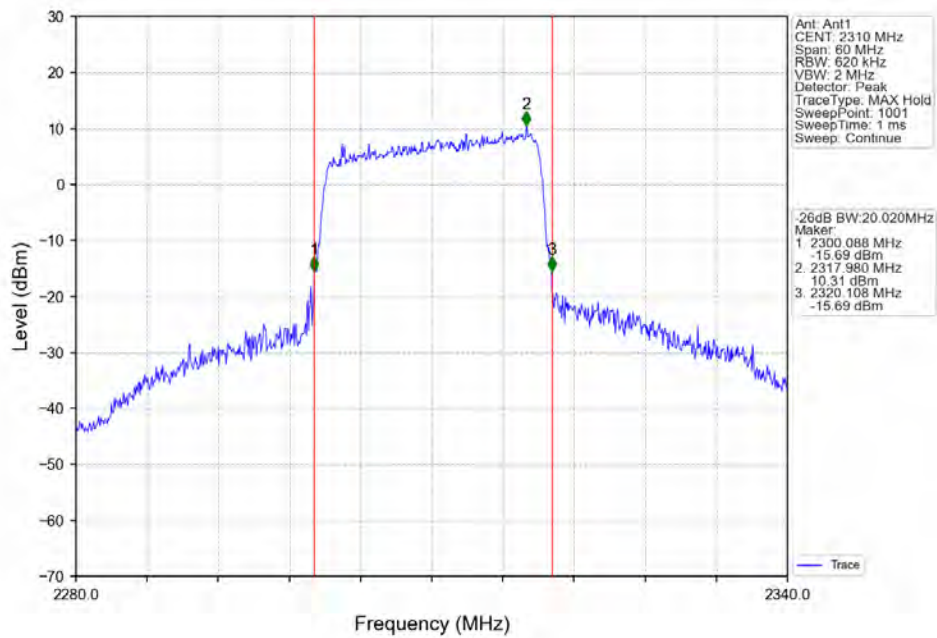
Band40_20MHz_QPSK_MCH_2350MHz_RB_100_0_NTNV



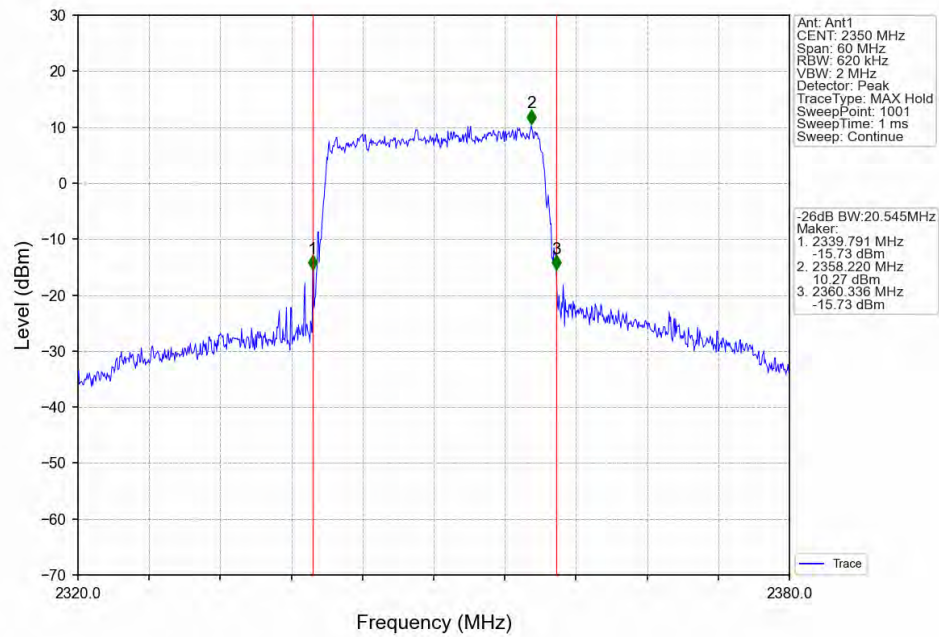
Band40_20MHz_QPSK_HCH_2390MHz_RB_100_0_NTNV



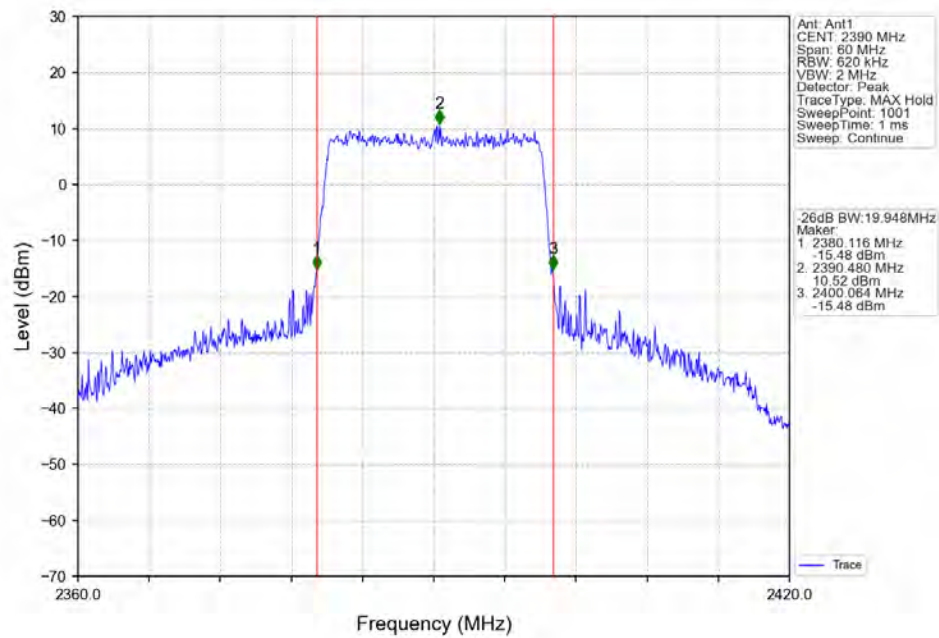
Band40_20MHz_16QAM_LCH_2310MHz_RB_100_0_NTNV



Band40_20MHz_16QAM_MCH_2350MHz_RB_100_0_NTNV



Band40_20MHz_16QAM_HCH_2390MHz_RB_100_0_NTNV



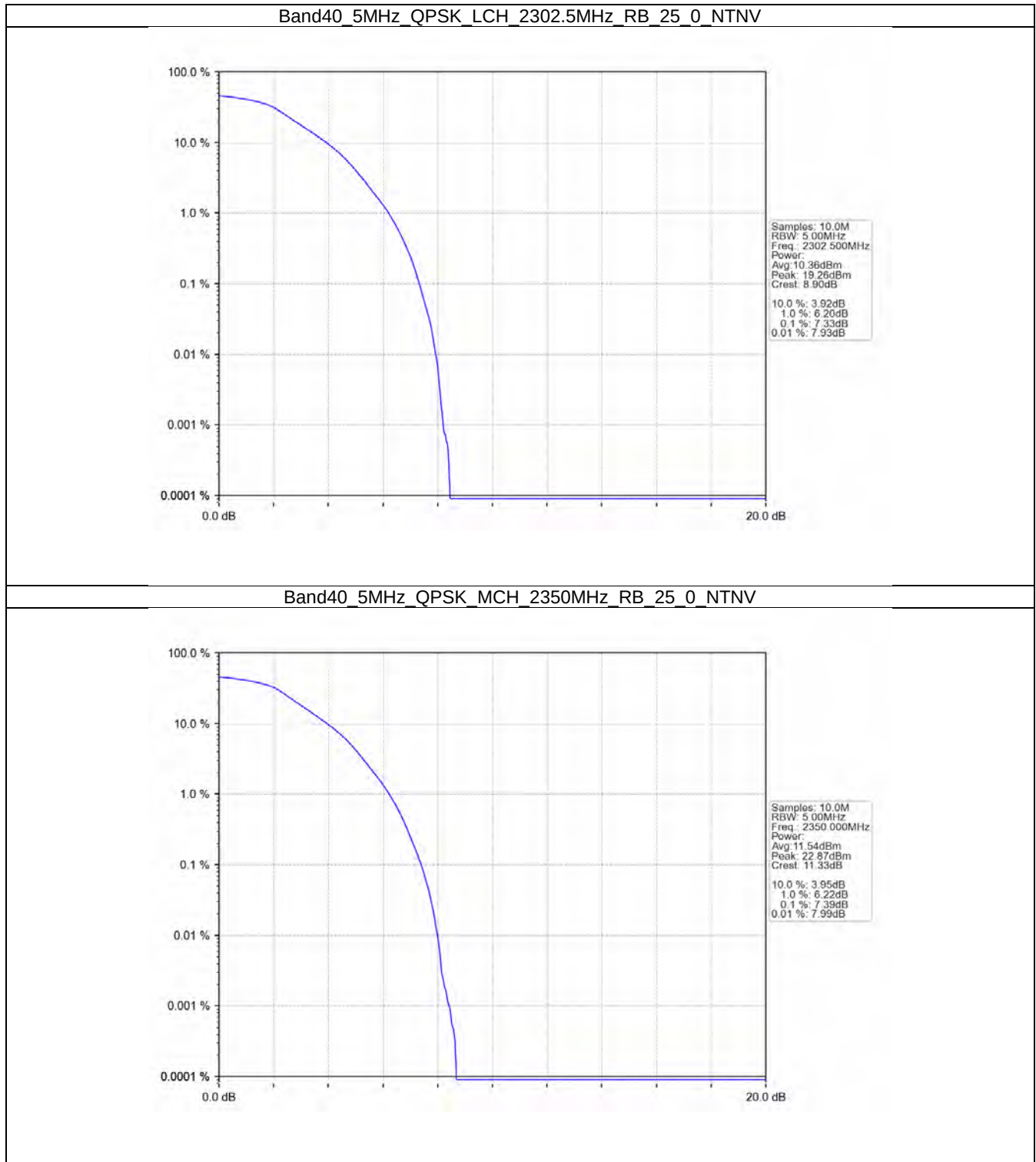
5. Peak-Average Ratio

5.1 B40_5MHz

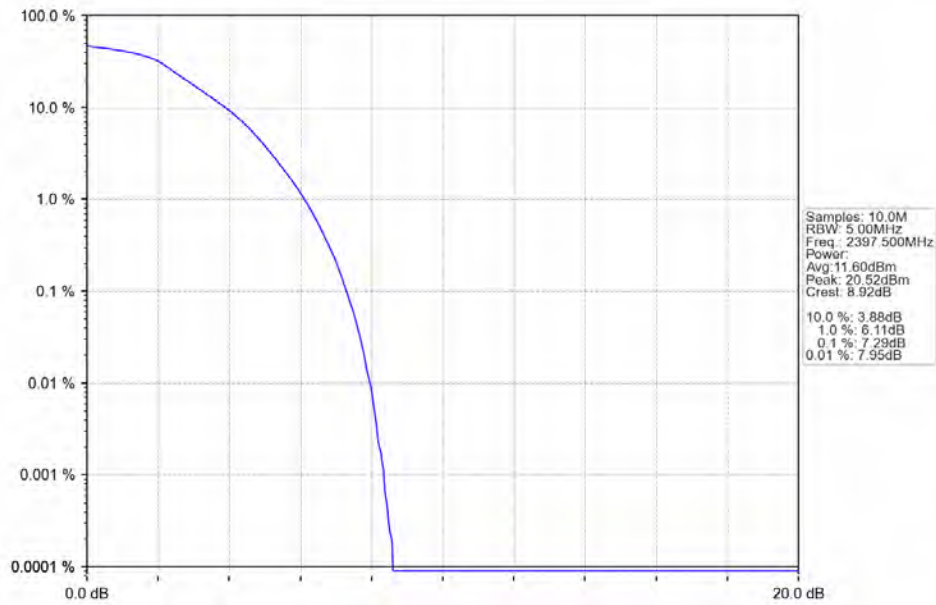
5.1.1 Test Result

Band: 40 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2302.5	25	0	7.33	<=13	Pass
	2350	25	0	7.39	<=13	Pass
	2397.5	25	0	7.29	<=13	Pass
16QAM	2302.5	25	0	8.03	<=13	Pass
	2350	25	0	8.00	<=13	Pass
	2397.5	25	0	8.09	<=13	Pass

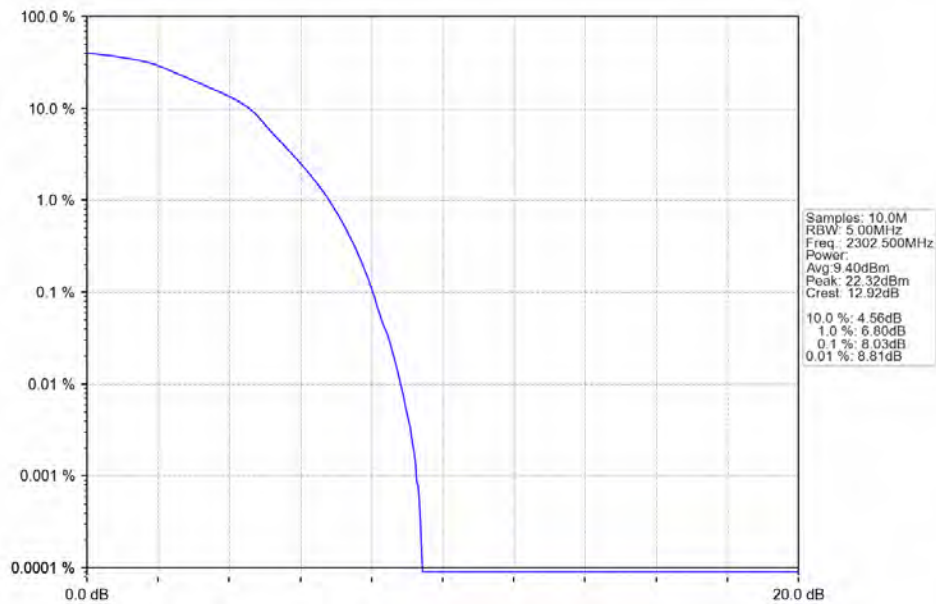
5.1.2 Test Graph



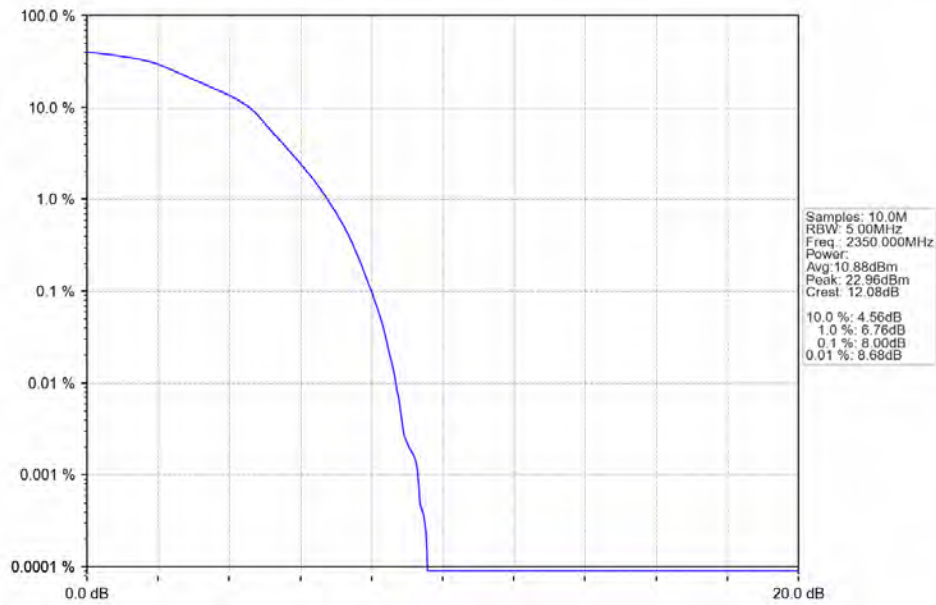
Band40_5MHz_QPSK_HCH_2397.5MHz_RB_25_0_NTNV



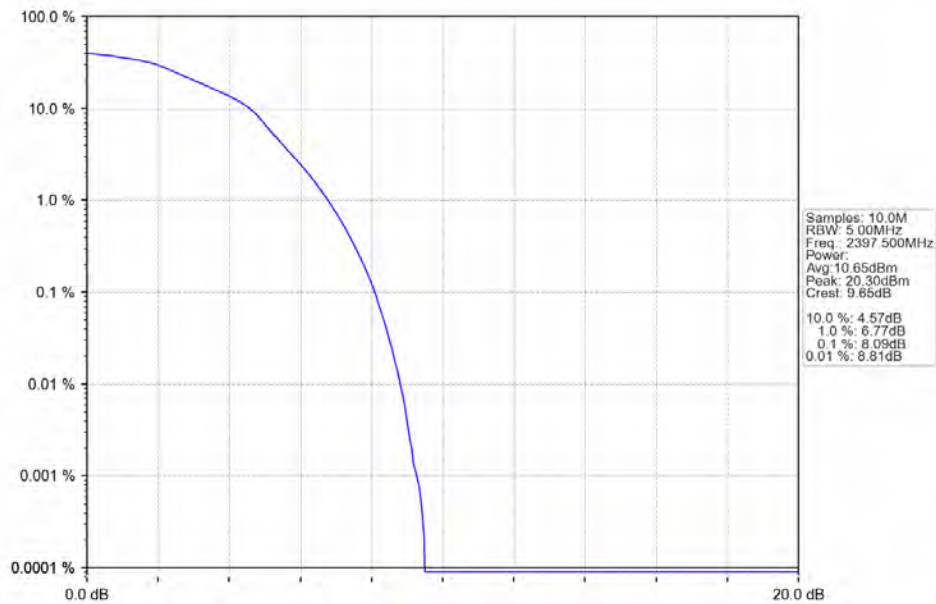
Band40_5MHz_16QAM_LCH_2302.5MHz_RB_25_0_NTNV



Band40_5MHz_16QAM_MCH_2350MHz_RB_25_0_NTNV



Band40_5MHz_16QAM_HCH_2397.5MHz_RB_25_0_NTNV

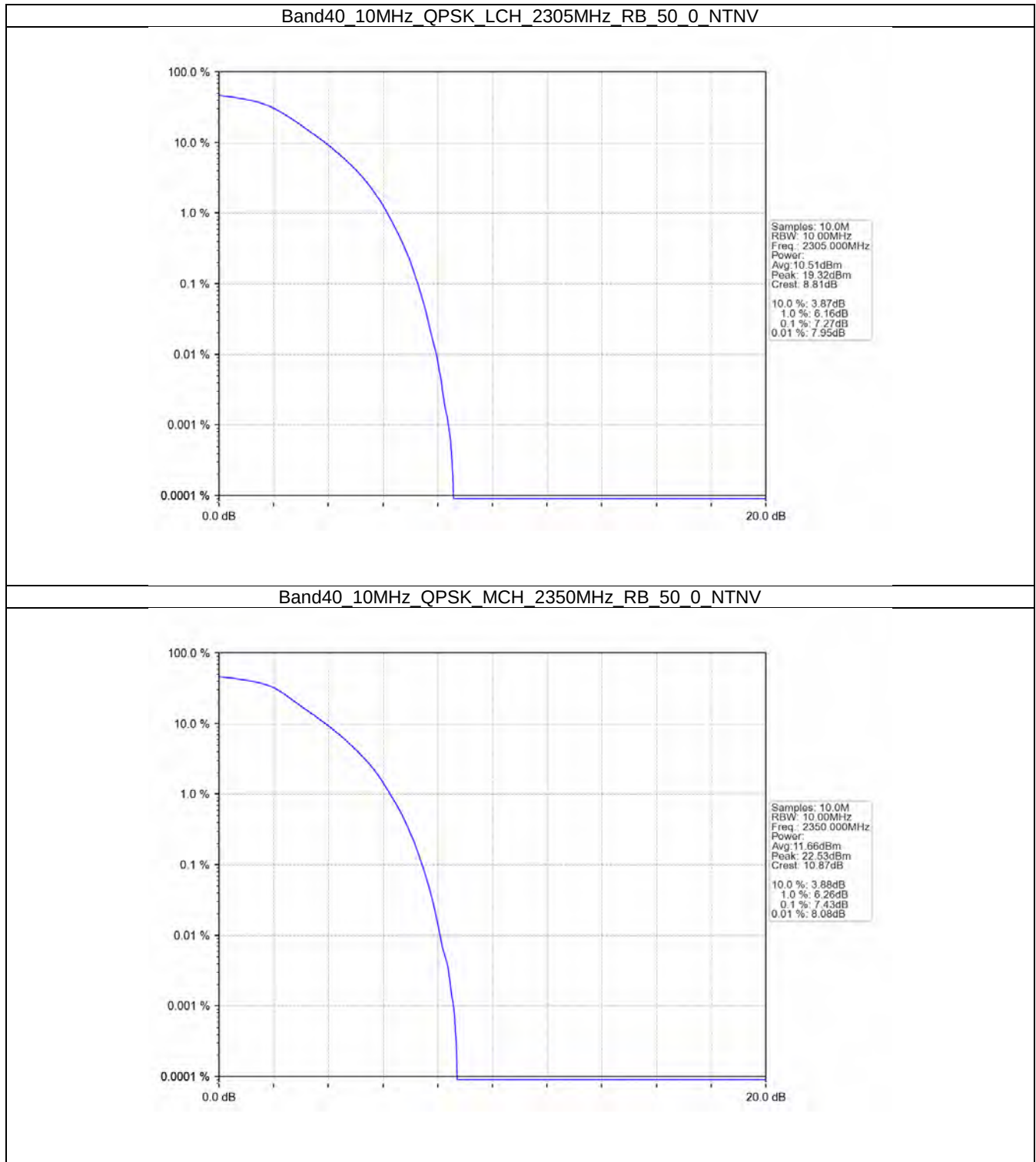


5.2 B40_10MHz

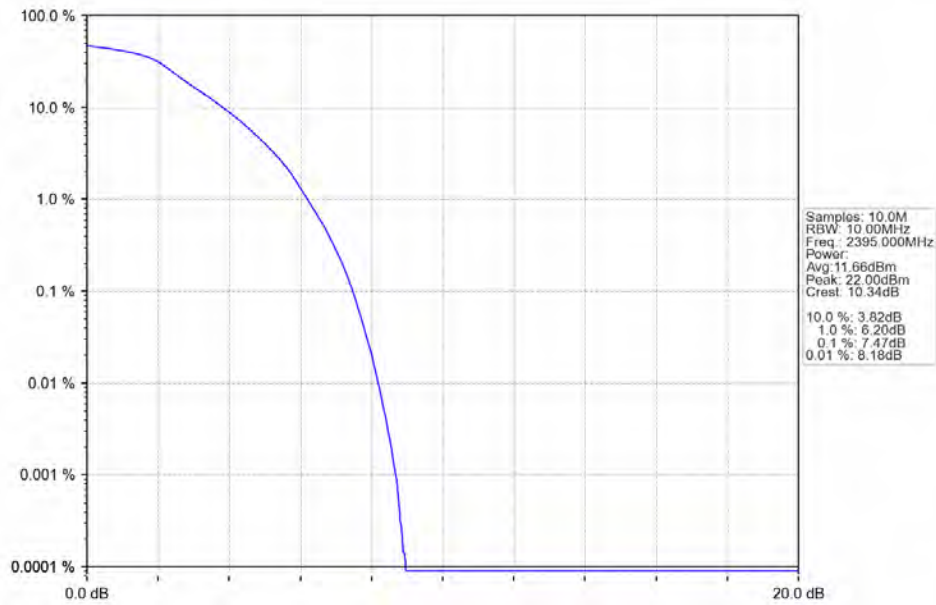
5.2.1 Test Result

Band: 40 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2305	50	0	7.27	<=13	Pass
	2350	50	0	7.43	<=13	Pass
	2395	50	0	7.47	<=13	Pass
16QAM	2305	50	0	8.02	<=13	Pass
	2350	50	0	8.08	<=13	Pass
	2395	50	0	8.23	<=13	Pass

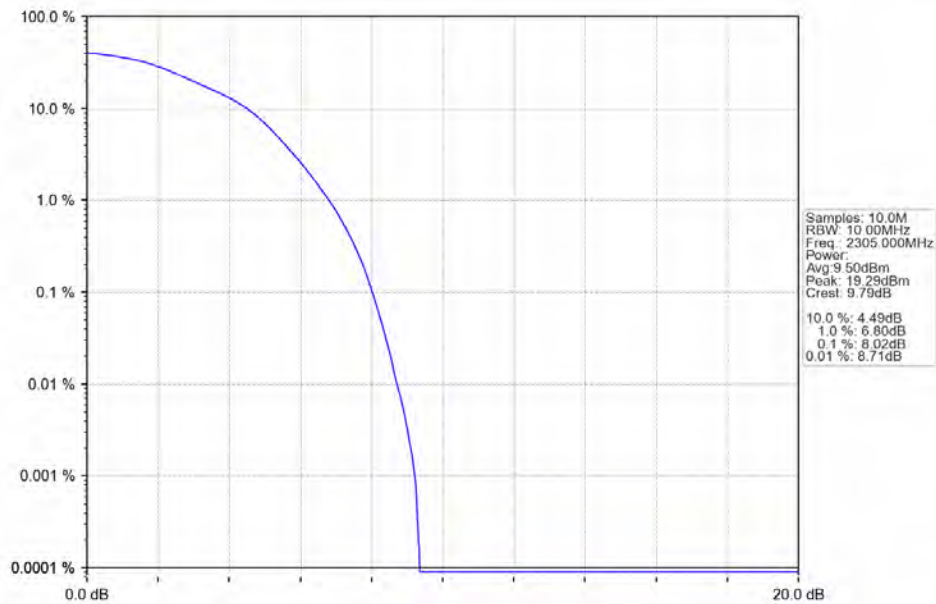
5.2.2 Test Graph



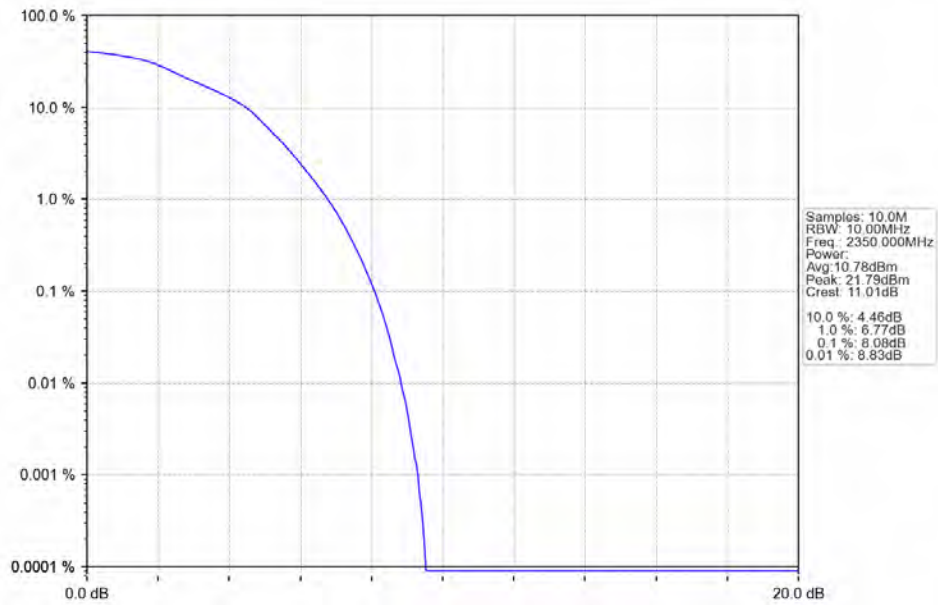
Band40_10MHz_QPSK_HCH_2395MHz_RB_50_0_NTNV



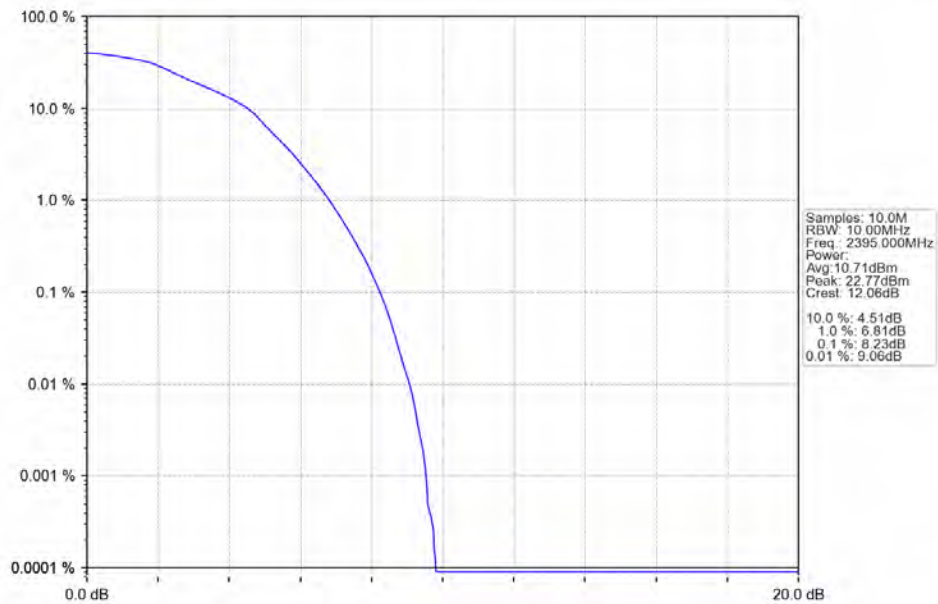
Band40_10MHz_16QAM_LCH_2305MHz_RB_50_0_NTNV



Band40_10MHz_16QAM_MCH_2350MHz_RB_50_0_NTNV



Band40_10MHz_16QAM_HCH_2395MHz_RB_50_0_NTNV

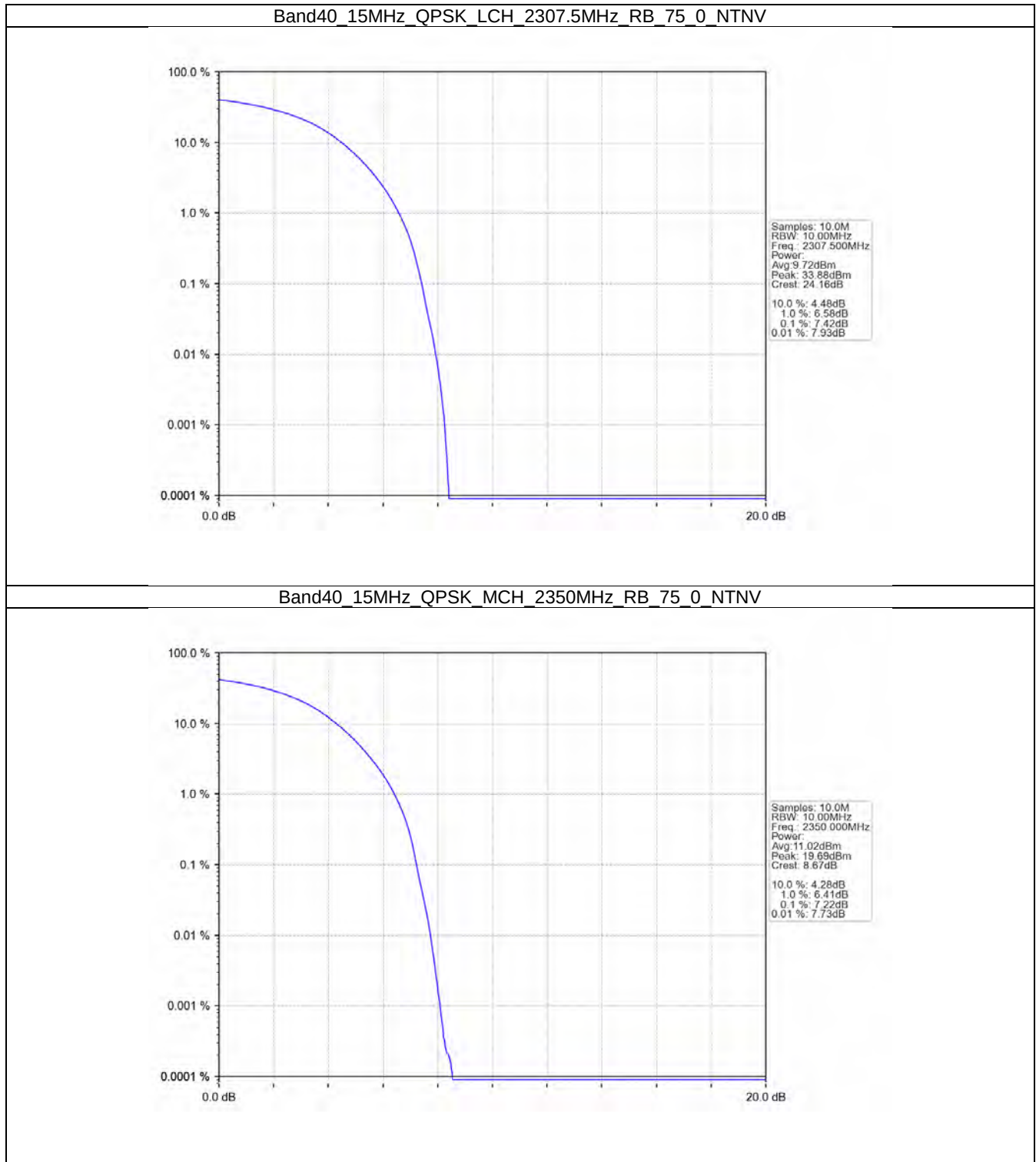


5.3 B40_15MHz

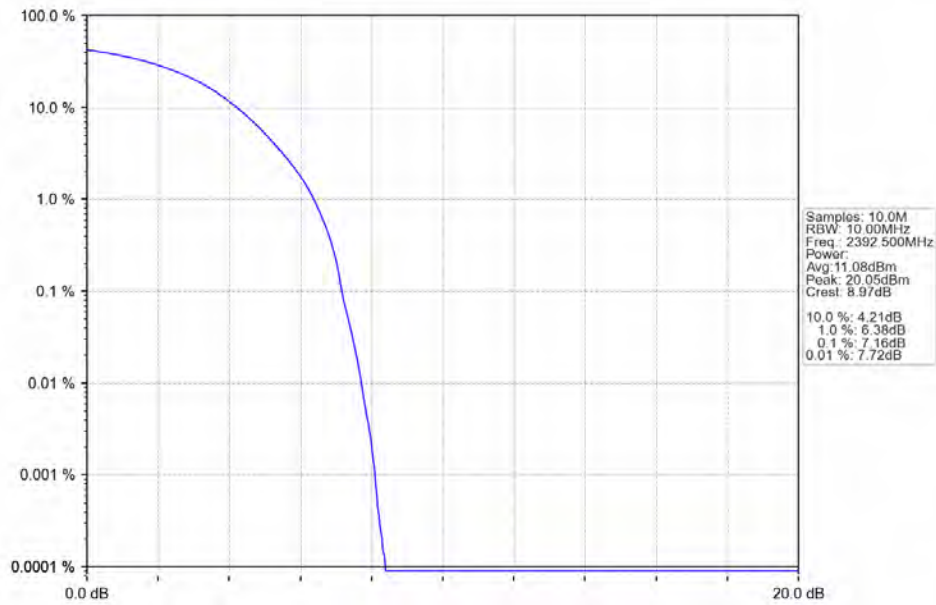
5.3.1 Test Result

Band: 40 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2307.5	75	0	7.42	<=13	Pass
	2350	75	0	7.22	<=13	Pass
	2392.5	75	0	7.16	<=13	Pass
16QAM	2307.5	75	0	8.15	<=13	Pass
	2350	75	0	8.05	<=13	Pass
	2392.5	75	0	8.24	<=13	Pass

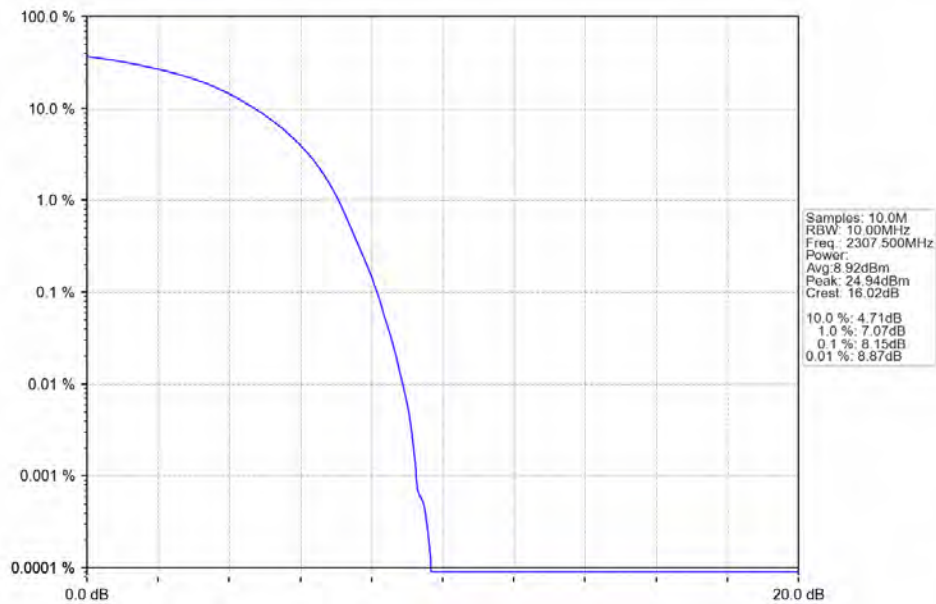
5.3.2 Test Graph



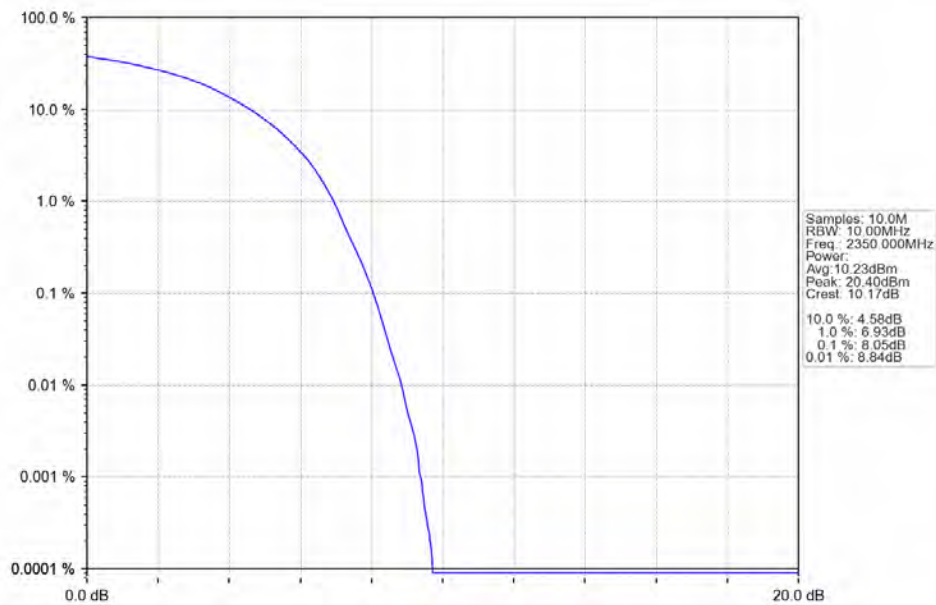
Band40_15MHz_QPSK_HCH_2392.5MHz_RB_75_0_NTNV



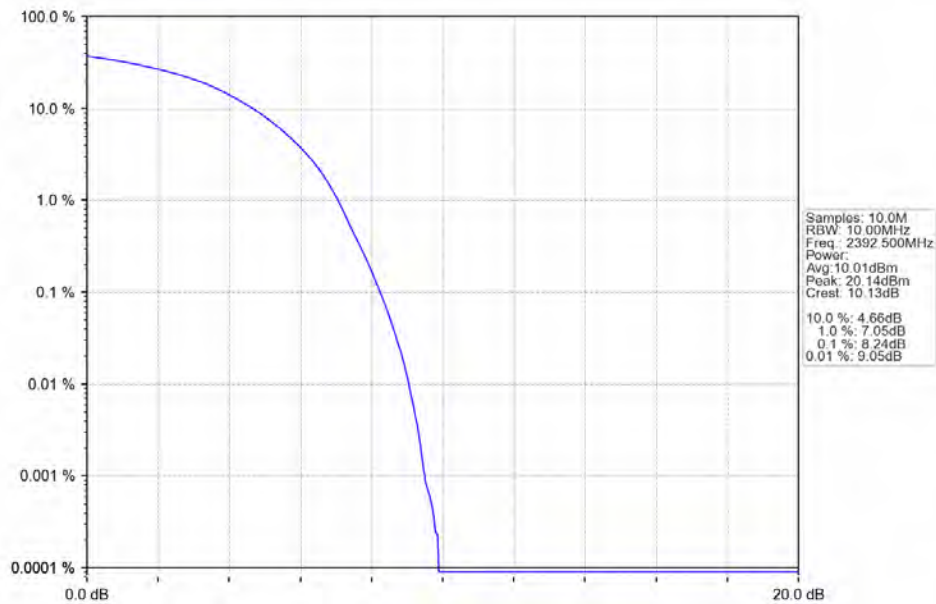
Band40_15MHz_16QAM_LCH_2307.5MHz_RB_75_0_NTNV



Band40_15MHz_16QAM_MCH_2350MHz_RB_75_0_NTNV



Band40_15MHz_16QAM_HCH_2392.5MHz_RB_75_0_NTNV

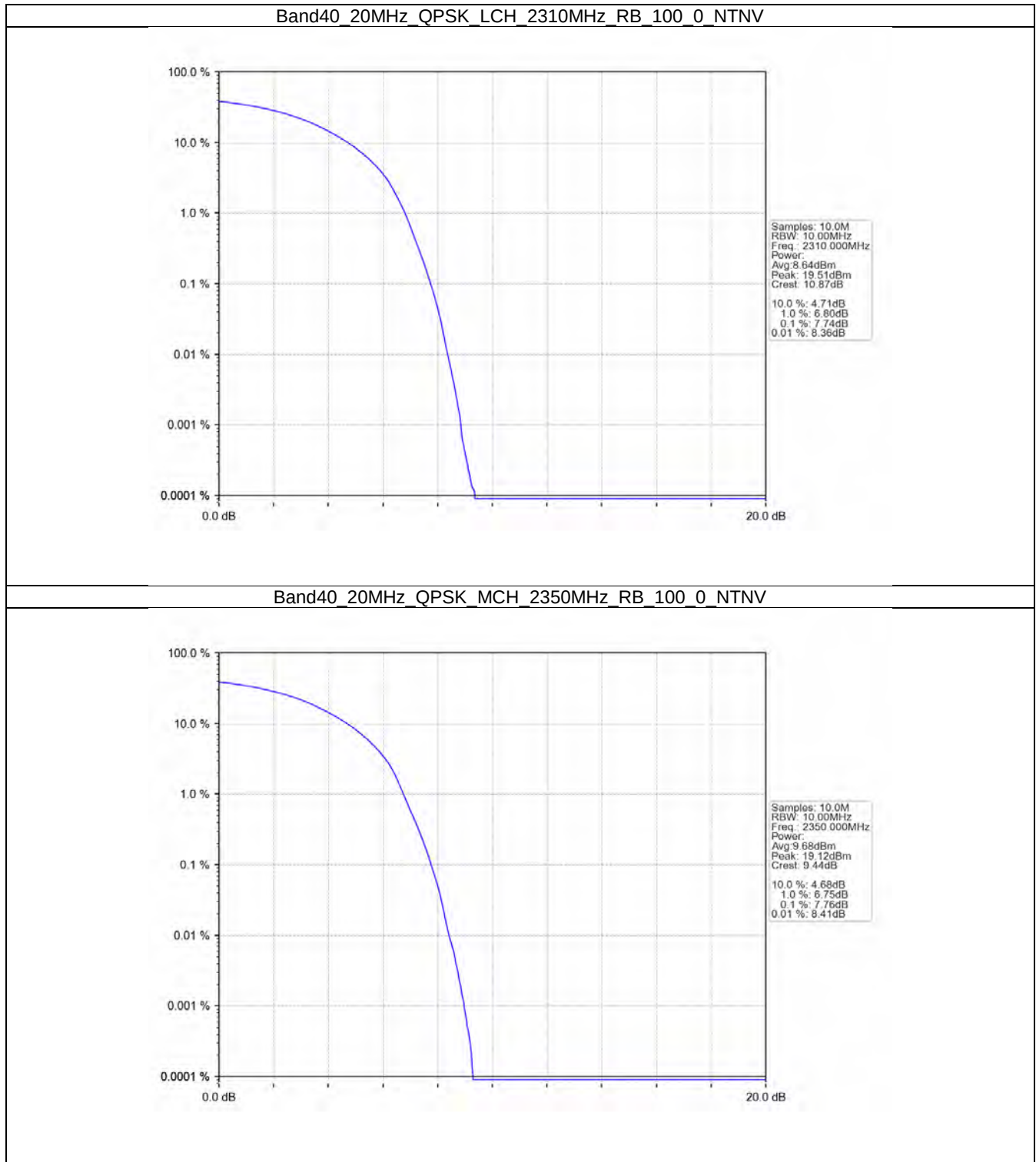


5.4 B40_20MHz

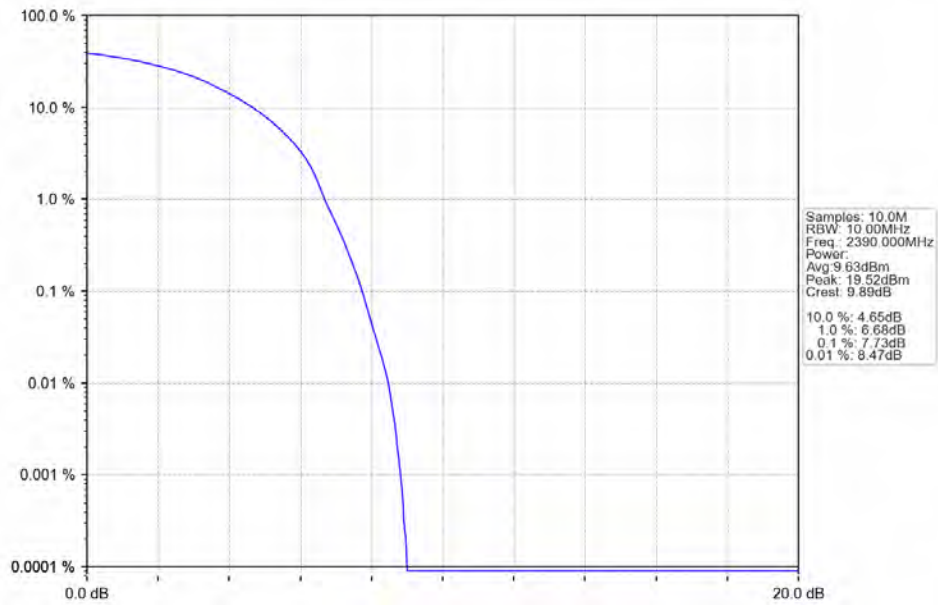
5.4.1 Test Result

Band: 40 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	100	0	7.74	<=13	Pass
	2350	100	0	7.76	<=13	Pass
	2390	100	0	7.73	<=13	Pass
16QAM	2310	100	0	8.70	<=13	Pass
	2350	100	0	8.44	<=13	Pass
	2390	100	0	8.61	<=13	Pass

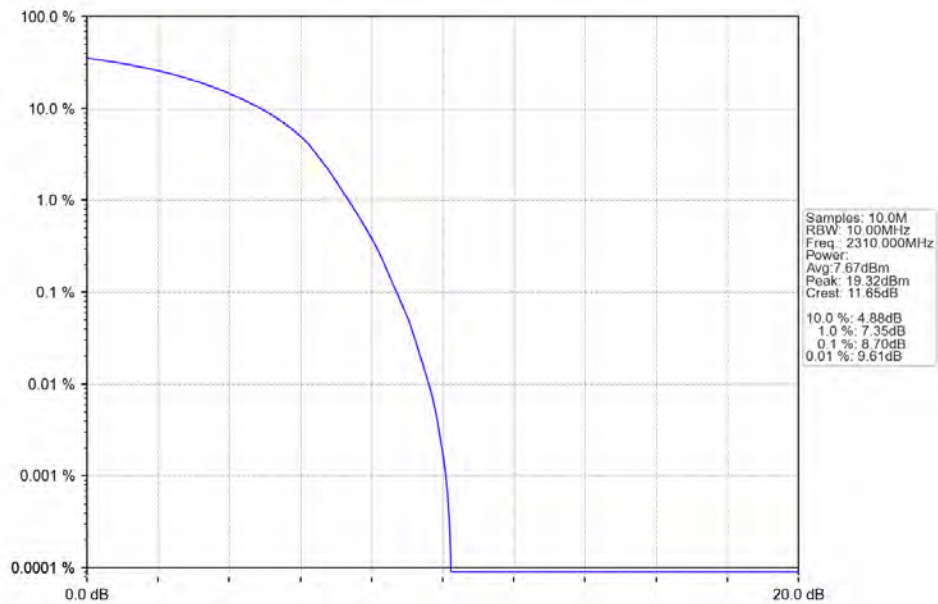
5.4.2 Test Graph



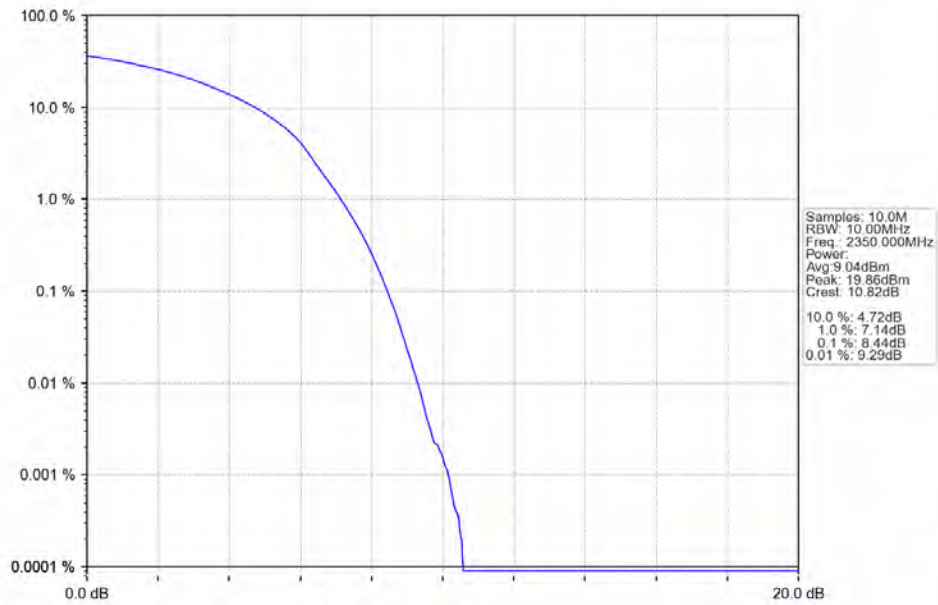
Band40_20MHz_QPSK_HCH_2390MHz_RB_100_0_NTNV



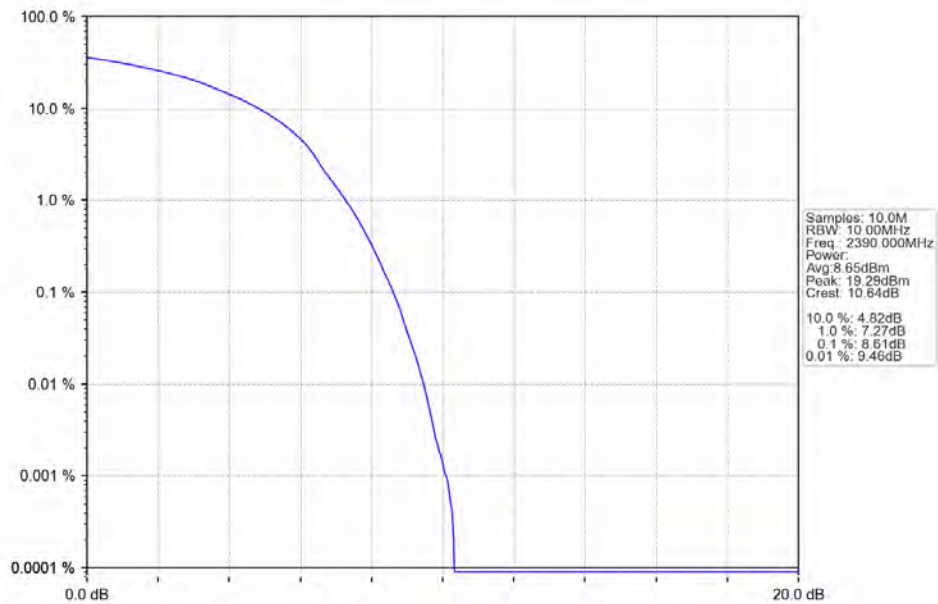
Band40_20MHz_16QAM_LCH_2310MHz_RB_100_0_NTNV



Band40_20MHz_16QAM_MCH_2350MHz_RB_100_0_NTNV



Band40_20MHz_16QAM_HCH_2390MHz_RB_100_0_NTNV



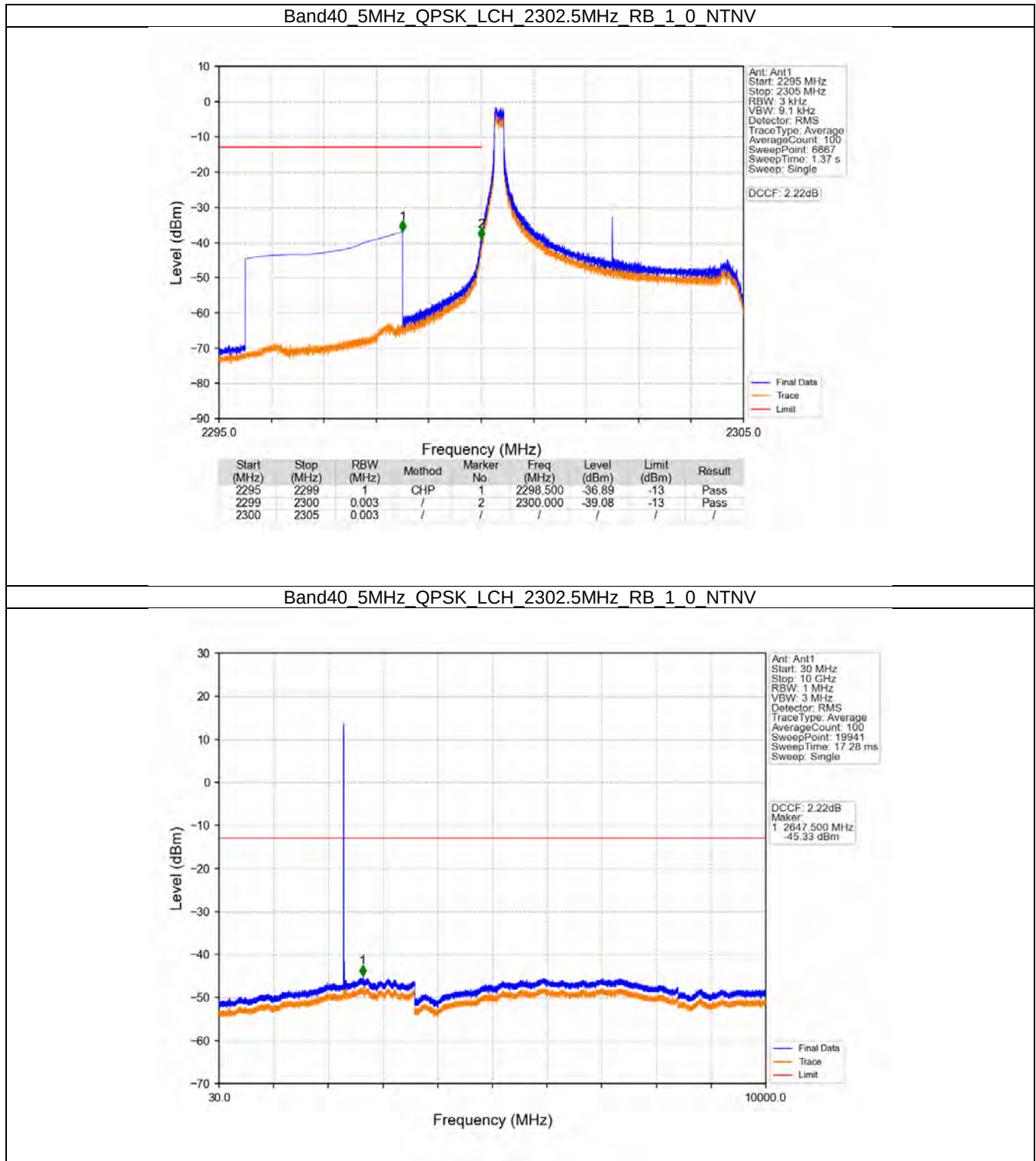
6. Spurious Emission

6.1 B40_5MHz

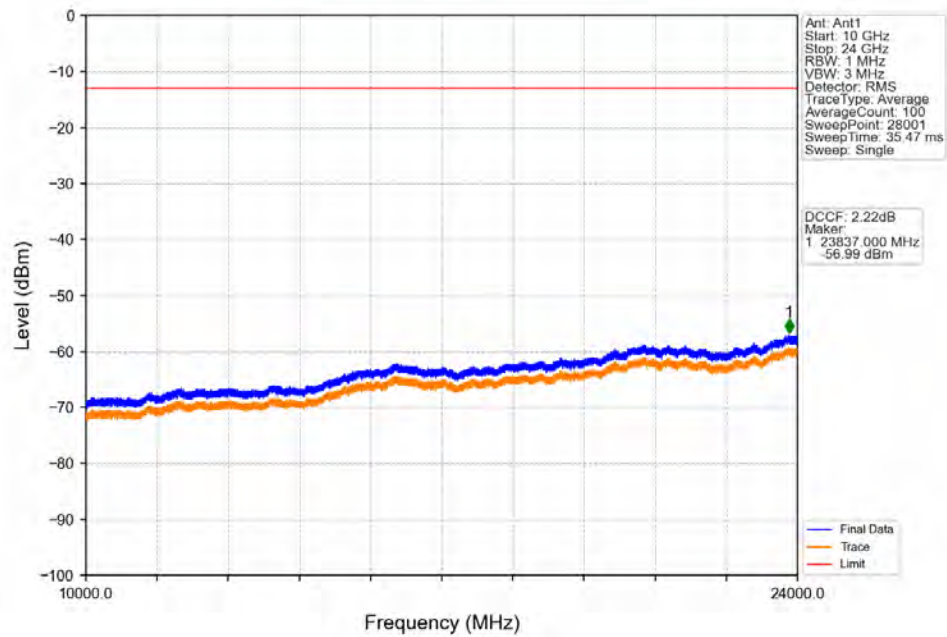
6.1.1 Test Result

Band: 40 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2302.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2397.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2302.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2397.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

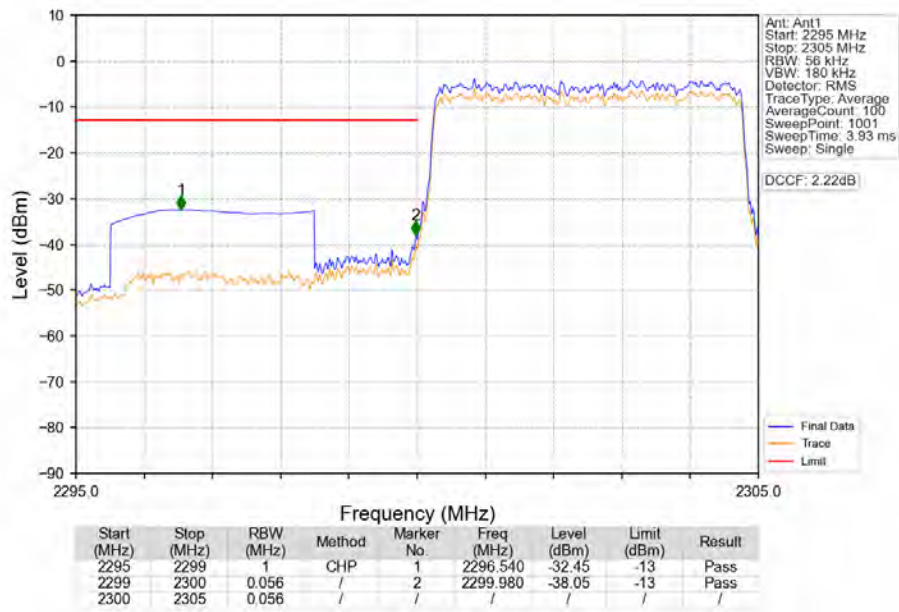
6.1.2 Test Graph



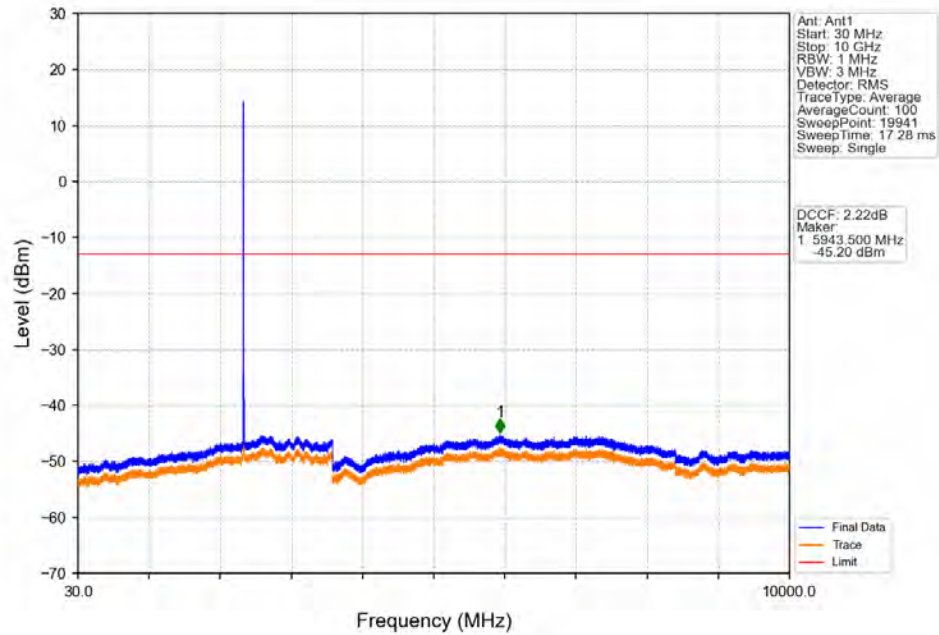
Band40_5MHz_QPSK_LCH_2302.5MHz_RB_1_0_NTNV



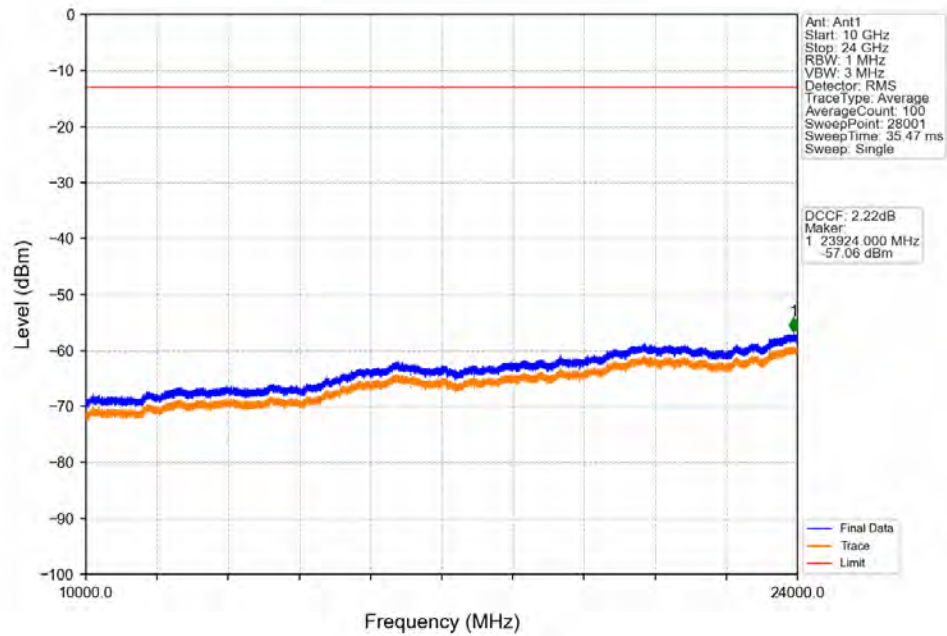
Band40_5MHz_QPSK_LCH_2302.5MHz_RB_25_0_NTNV



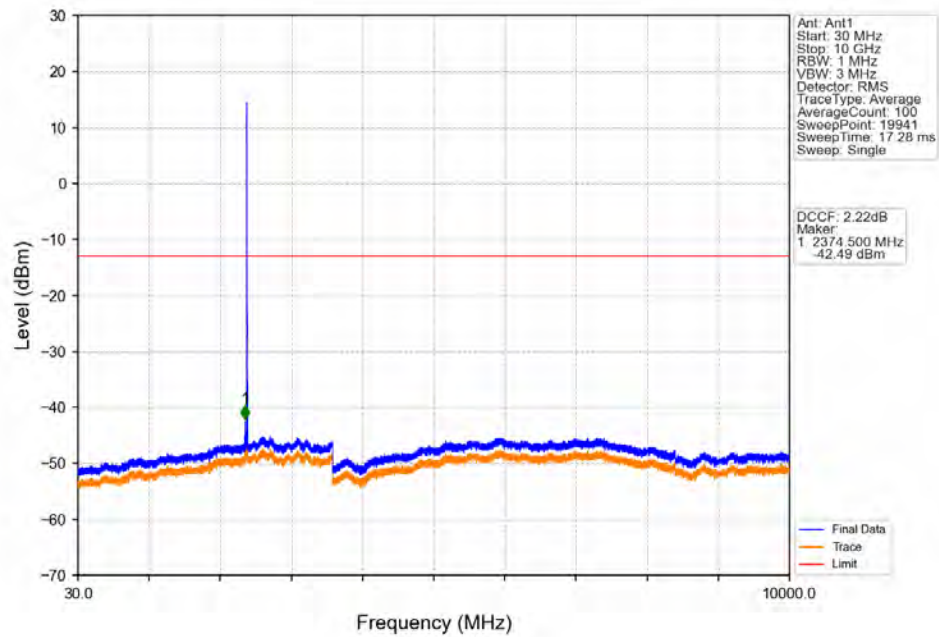
Band40_5MHz_QPSK_MCH_2350MHz_RB_1_0_NTNV



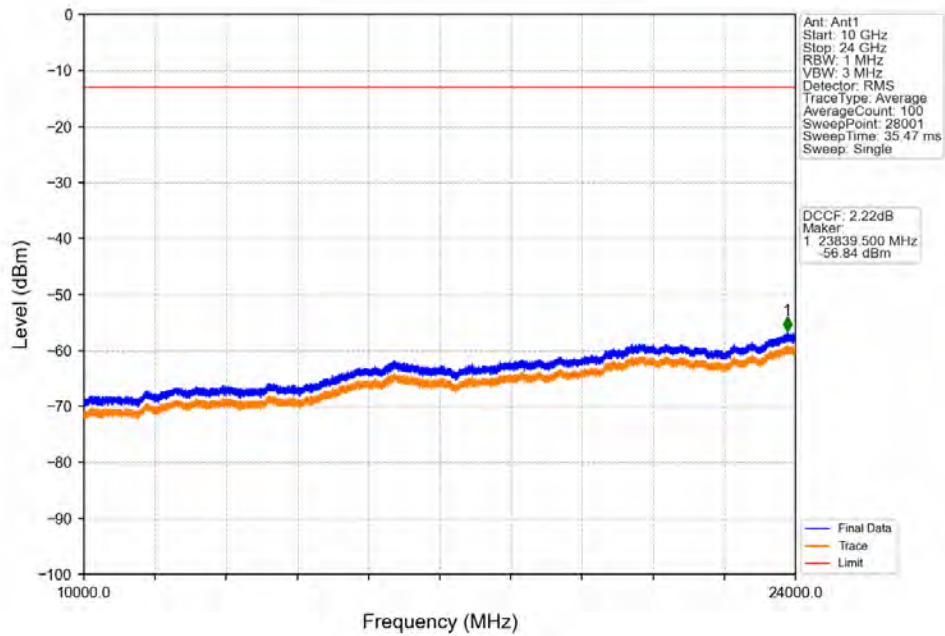
Band40_5MHz_QPSK_MCH_2350MHz_RB_1_0_NTNV



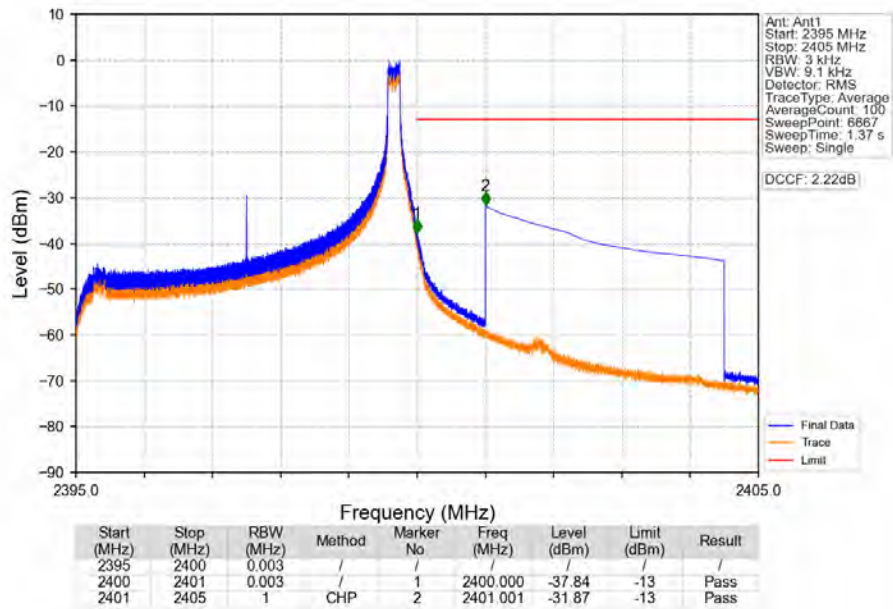
Band40_5MHz_QPSK_HCH_2397.5MHz_RB_1_0_NTNV



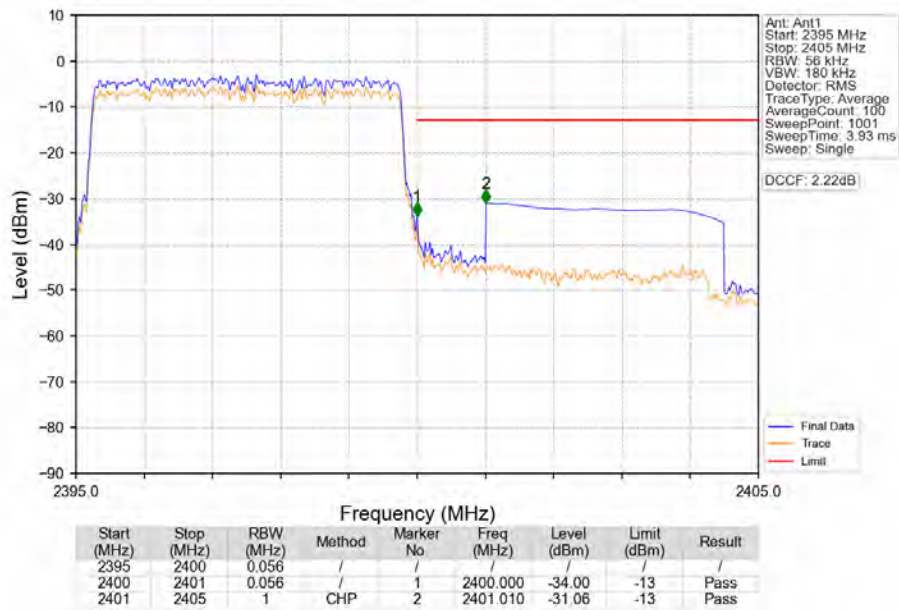
Band40_5MHz_QPSK_HCH_2397.5MHz_RB_1_0_NTNV



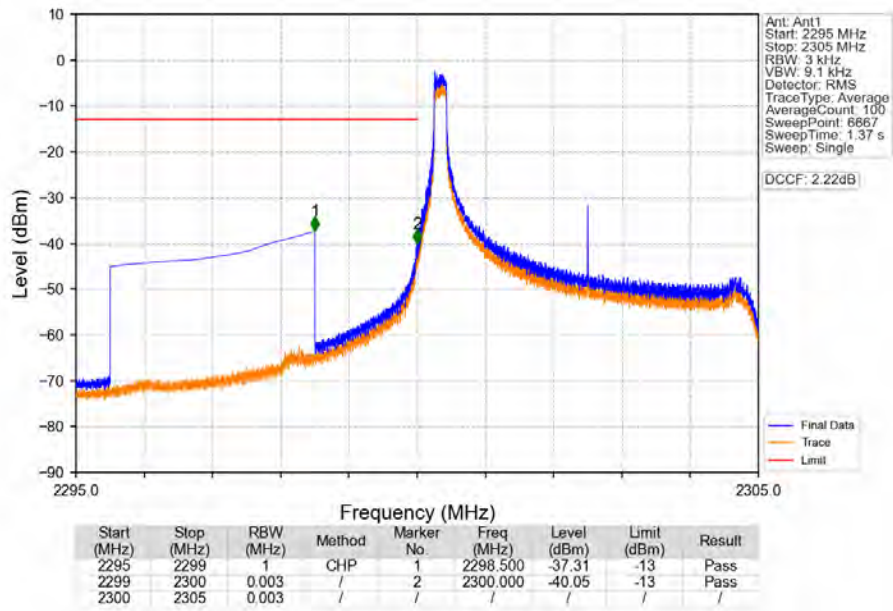
Band40_5MHz_QPSK_HCH_2397.5MHz_RB_1_24_NTNV



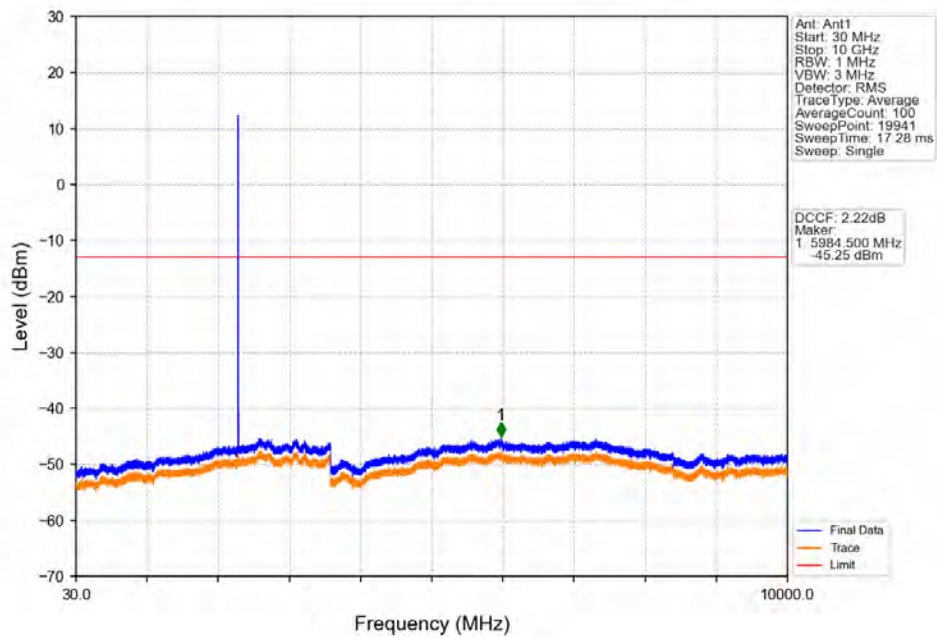
Band40_5MHz_QPSK_HCH_2397.5MHz_RB_25_0_NTNV



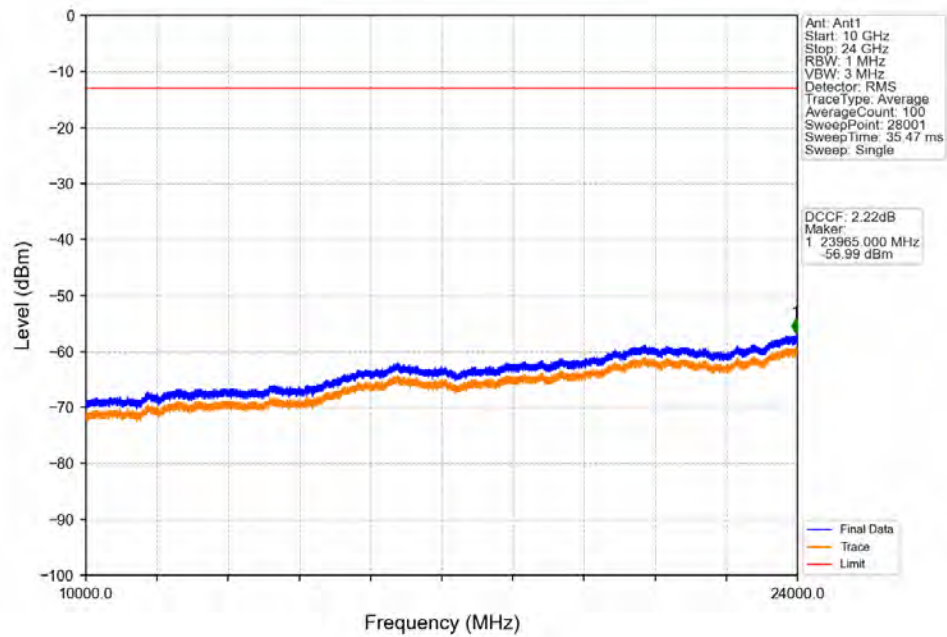
Band40_5MHz_16QAM_LCH_2302.5MHz_RB_1_0_NTNV



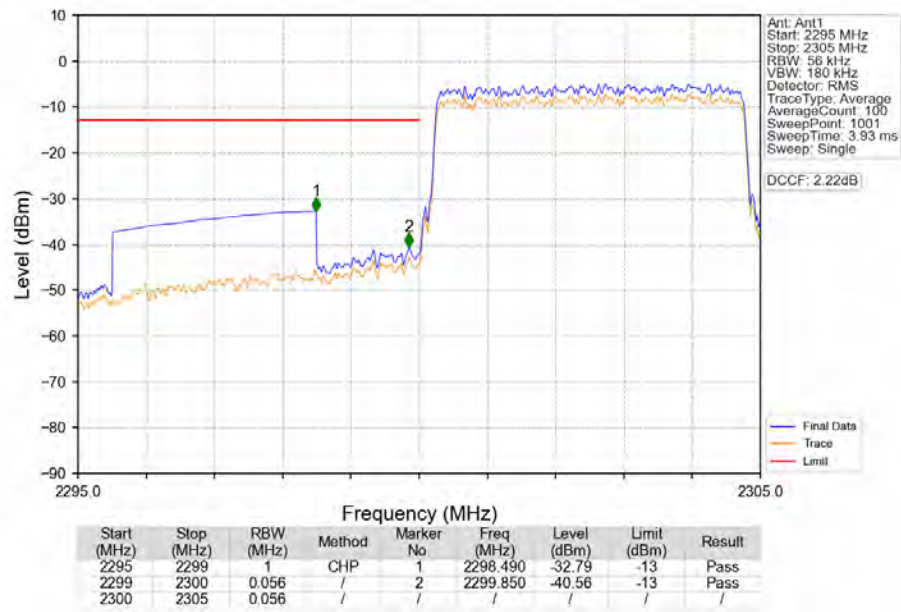
Band40_5MHz_16QAM_LCH_2302.5MHz_RB_1_0_NTNV



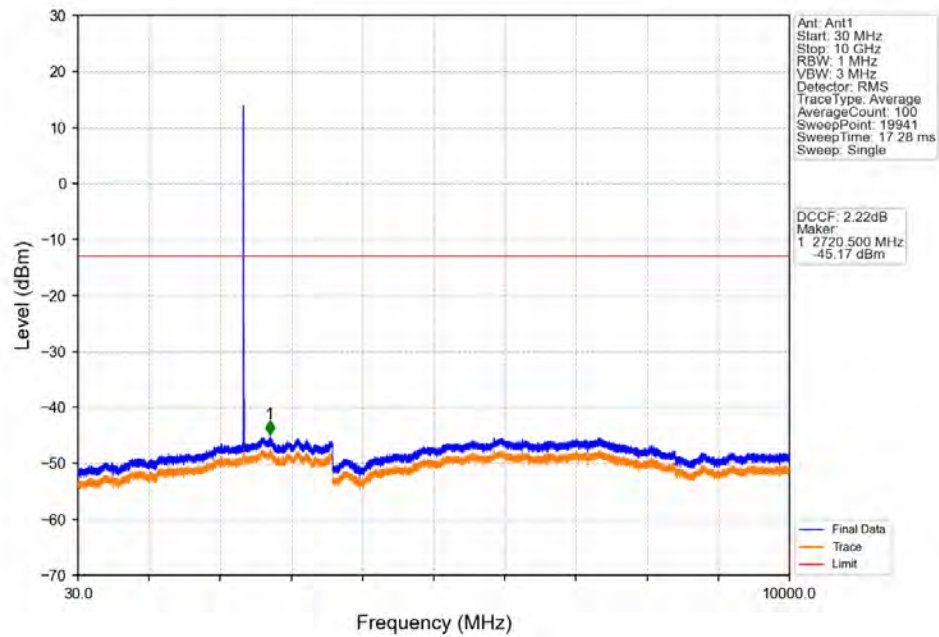
Band40_5MHz_16QAM_LCH_2302.5MHz_RB_1_0_NTNV



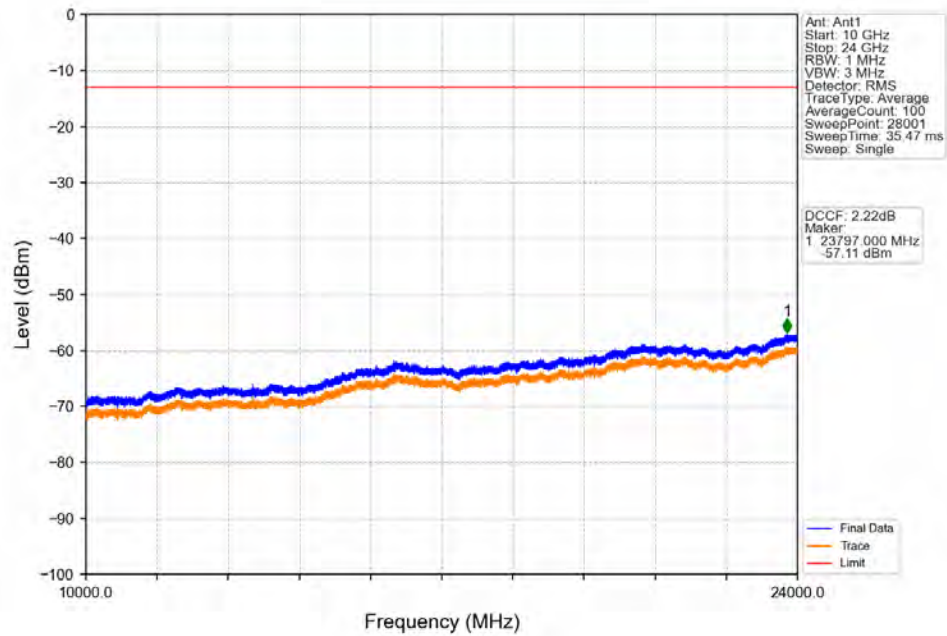
Band40_5MHz_16QAM_LCH_2302.5MHz_RB_25_0_NTNV



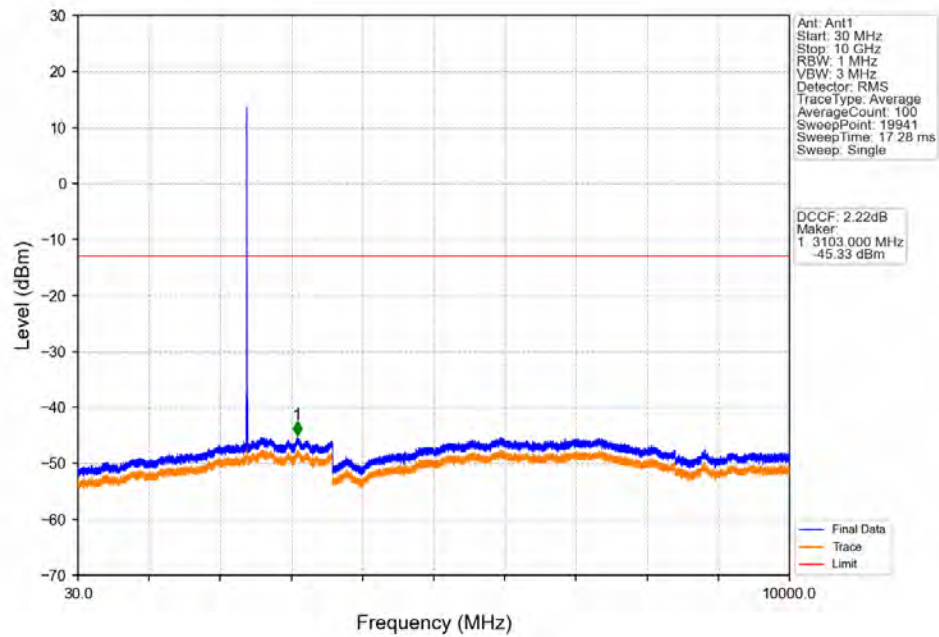
Band40_5MHz_16QAM_MCH_2350MHz_RB_1_0_NTNV



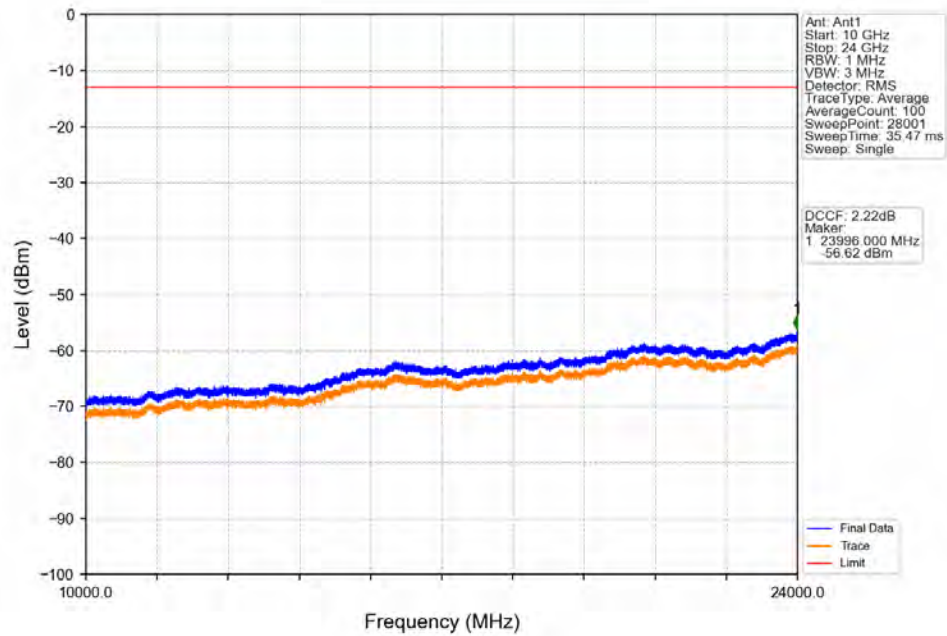
Band40_5MHz_16QAM_MCH_2350MHz_RB_1_0_NTNV



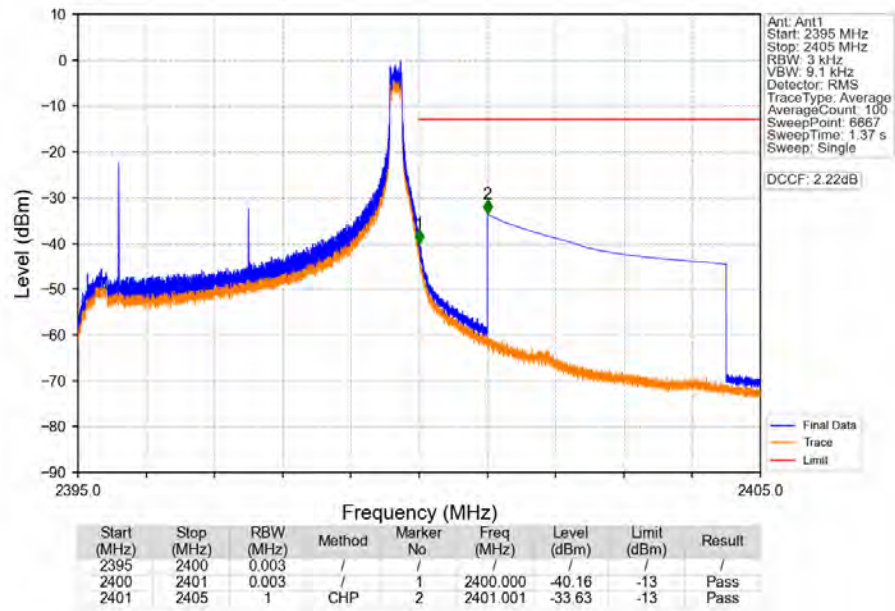
Band40_5MHz_16QAM_HCH_2397.5MHz_RB_1_0_NTNV



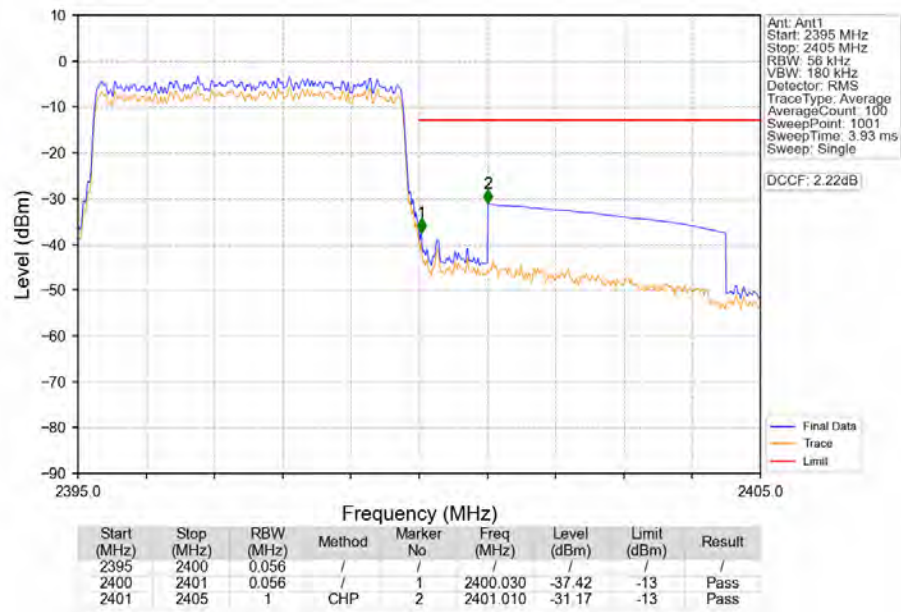
Band40_5MHz_16QAM_HCH_2397.5MHz_RB_1_0_NTNV



Band40_5MHz_16QAM_HCH_2397.5MHz_RB_1_24_NTNV



Band40_5MHz_16QAM_HCH_2397.5MHz_RB_25_0_NTNV

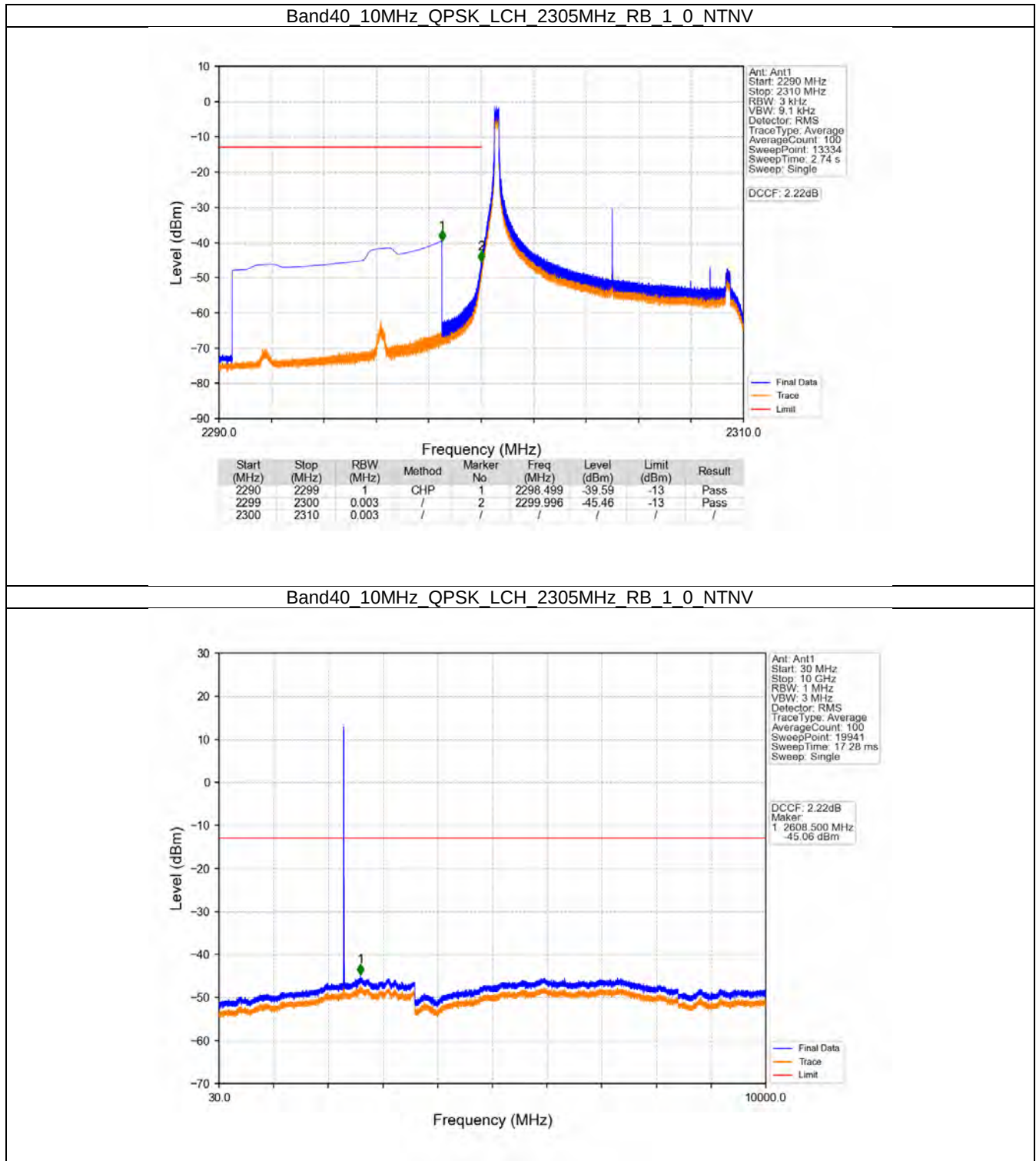


6.2 B40_10MHz

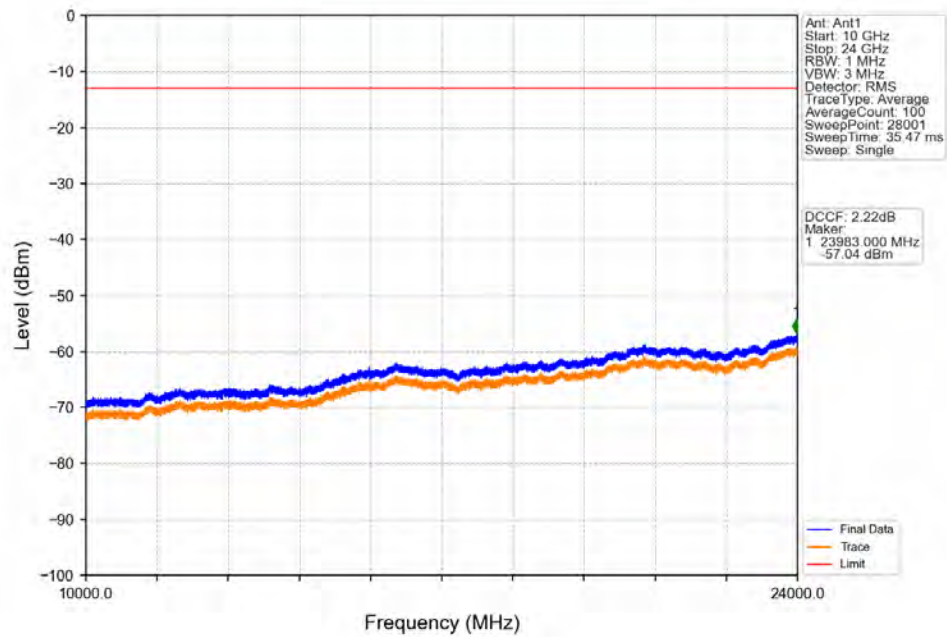
6.2.1 Test Result

Band: 40 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2305	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2350	1	0	Refer To Test Graph		Pass
	2395	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2305	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2350	1	0	Refer To Test Graph		Pass
	2395	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

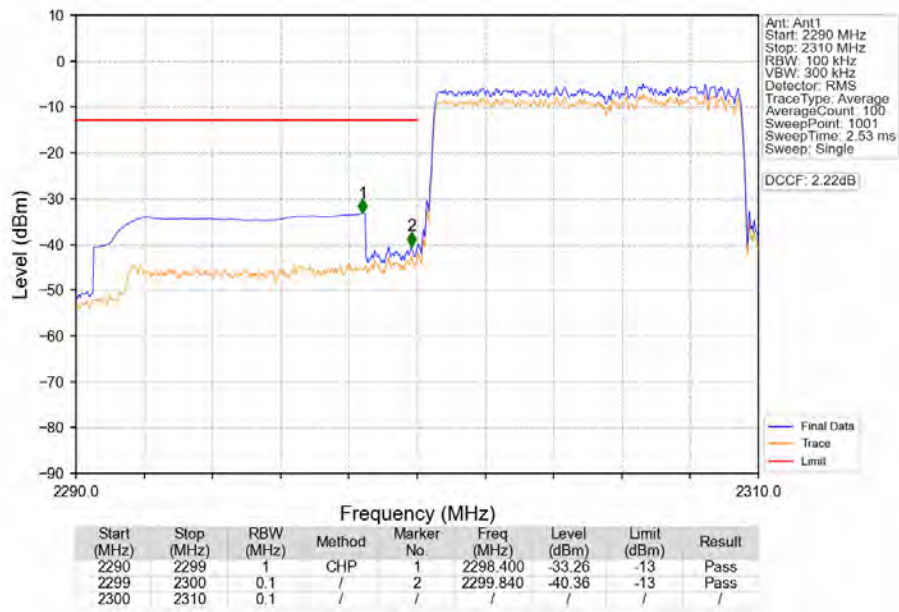
6.2.2 Test Graph



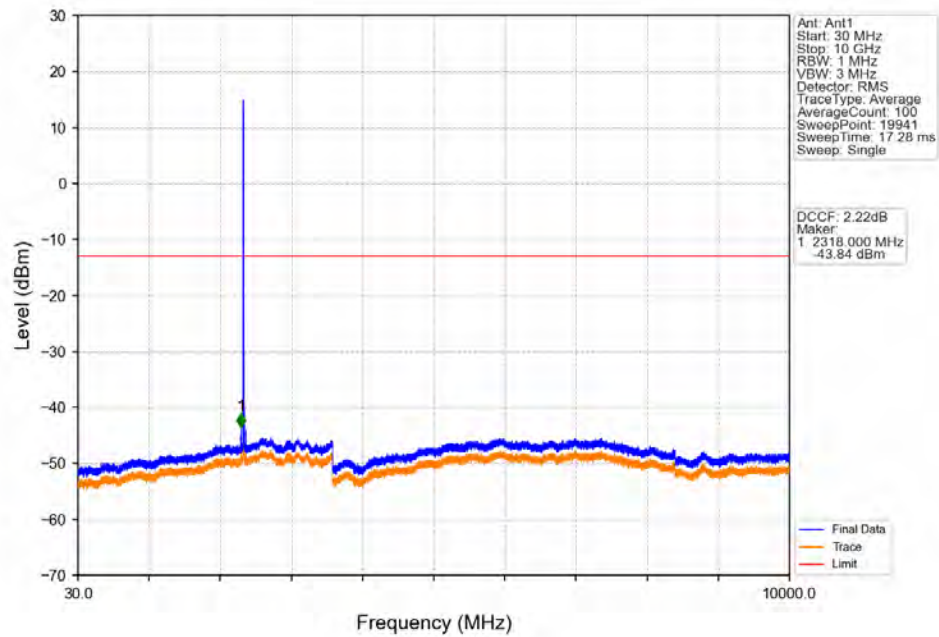
Band40_10MHz_QPSK_LCH_2305MHz_RB_1_0_NTNV



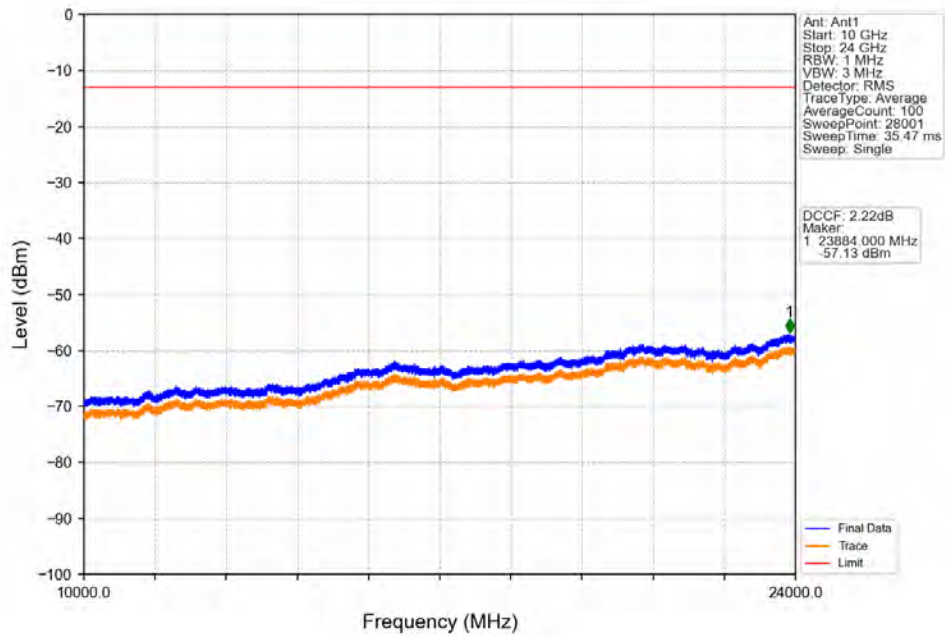
Band40_10MHz_QPSK_LCH_2305MHz_RB_50_0_NTNV



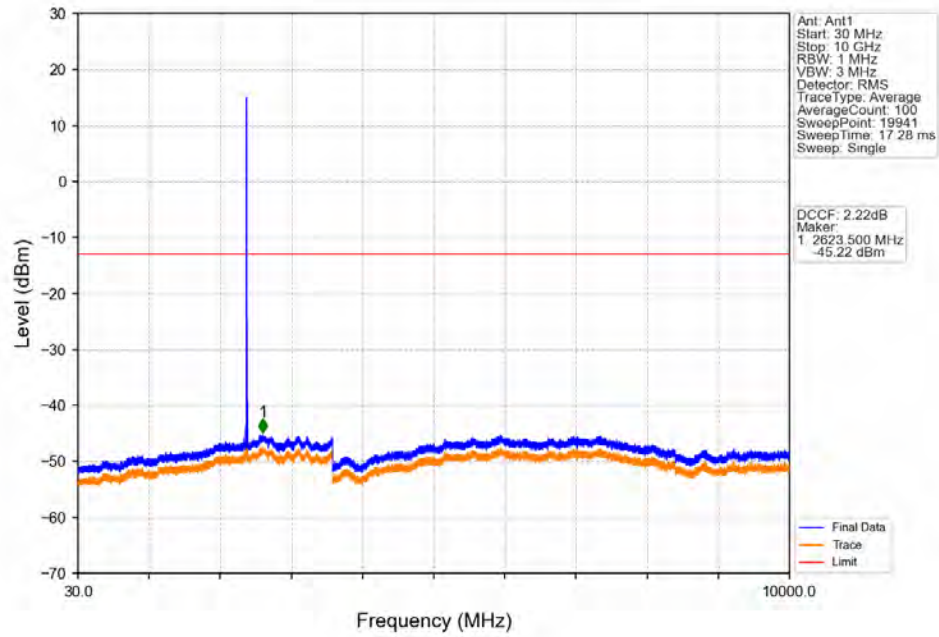
Band40_10MHz_QPSK_MCH_2350MHz_RB_1_0_NTNV



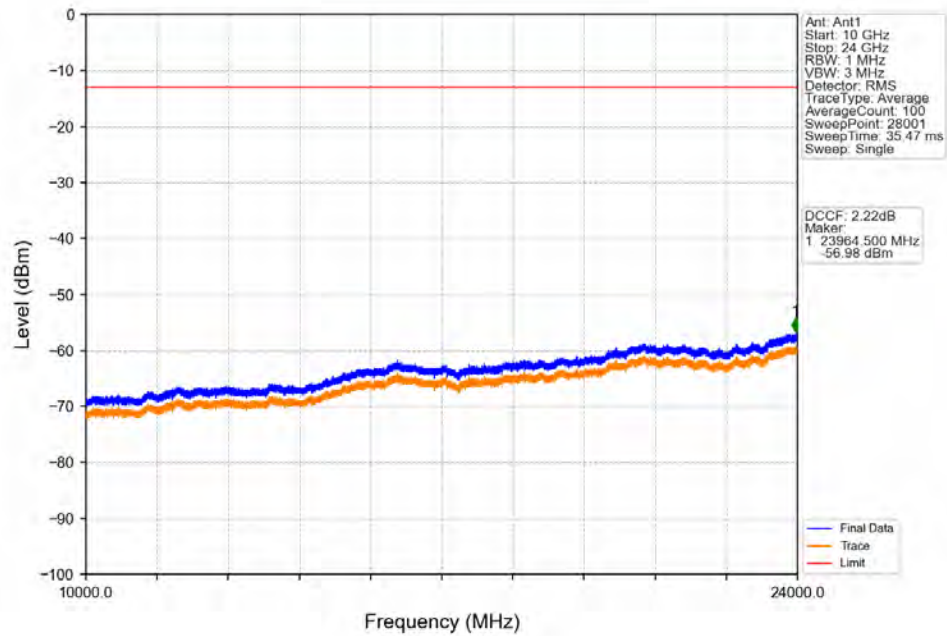
Band40_10MHz_QPSK_MCH_2350MHz_RB_1_0_NTNV



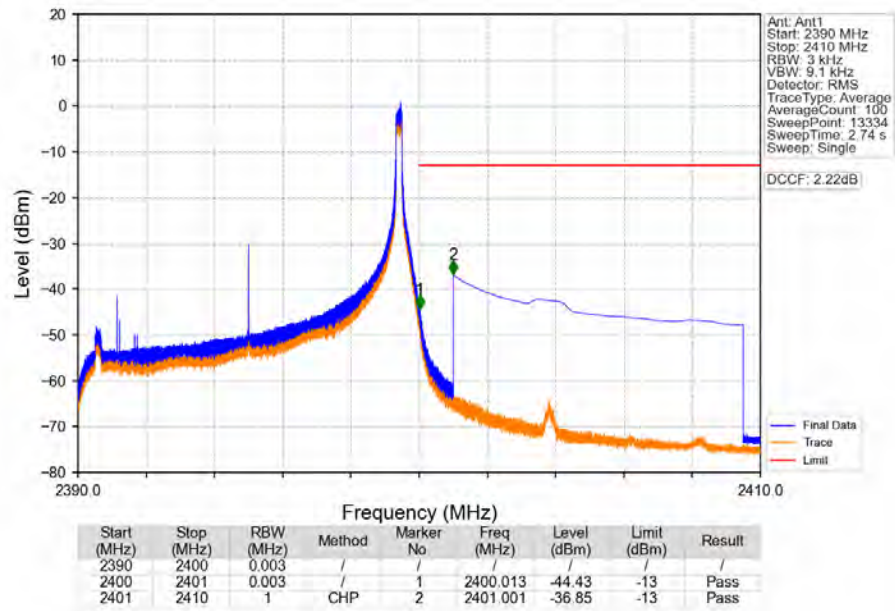
Band40_10MHz_QPSK_HCH_2395MHz_RB_1_0_NTNV



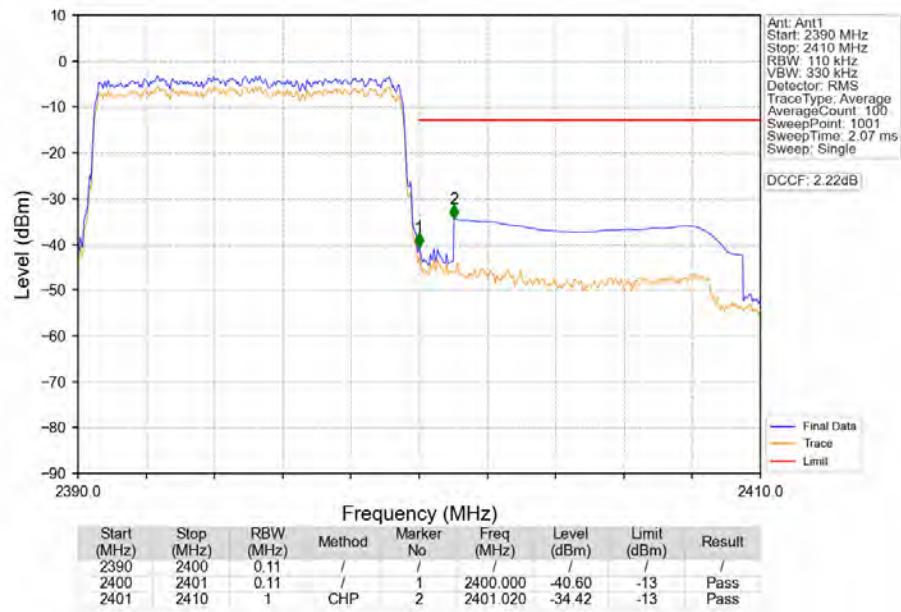
Band40_10MHz_QPSK_HCH_2395MHz_RB_1_0_NTNV



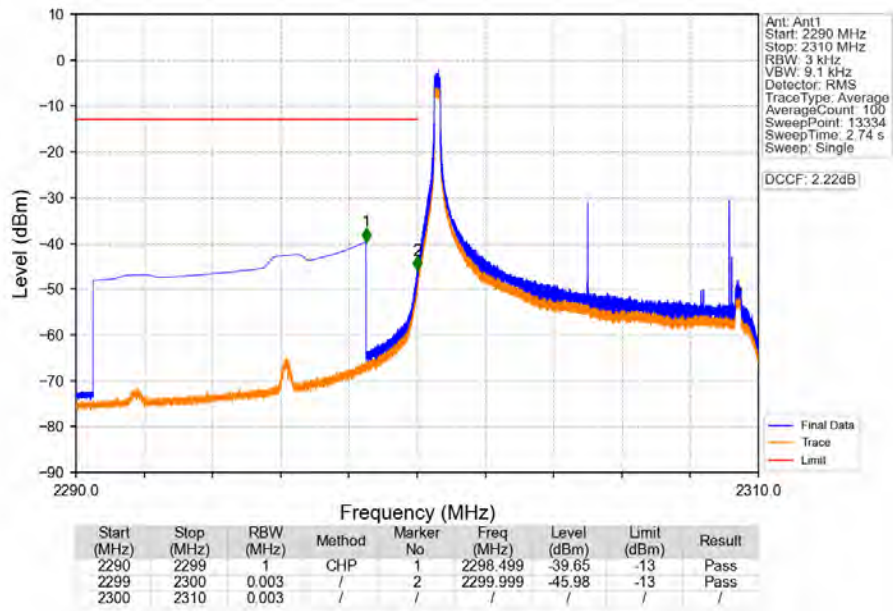
Band40_10MHz_QPSK_HCH_2395MHz_RB_1_49_NTNV



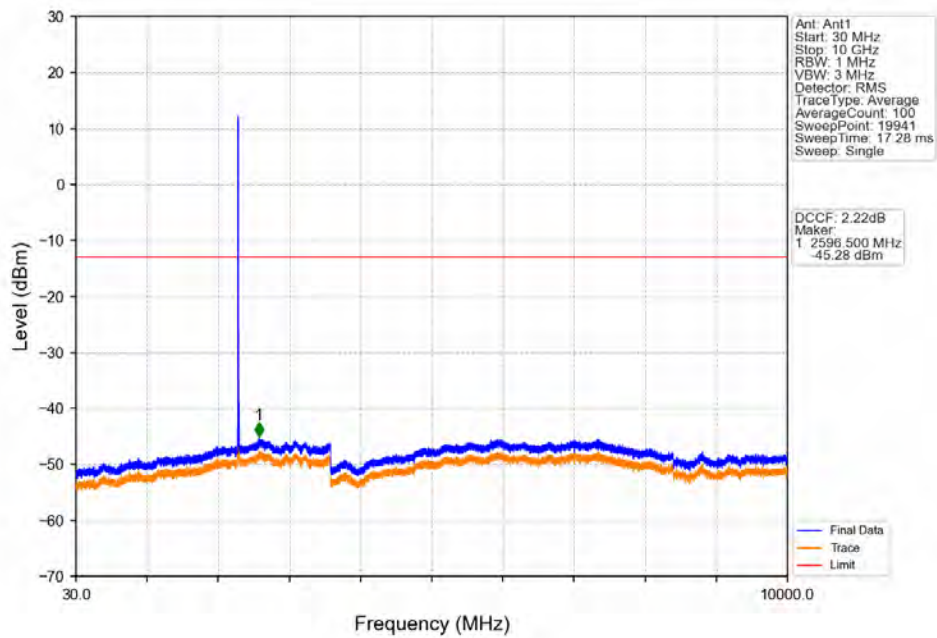
Band40_10MHz_QPSK_HCH_2395MHz_RB_50_0_NTNV



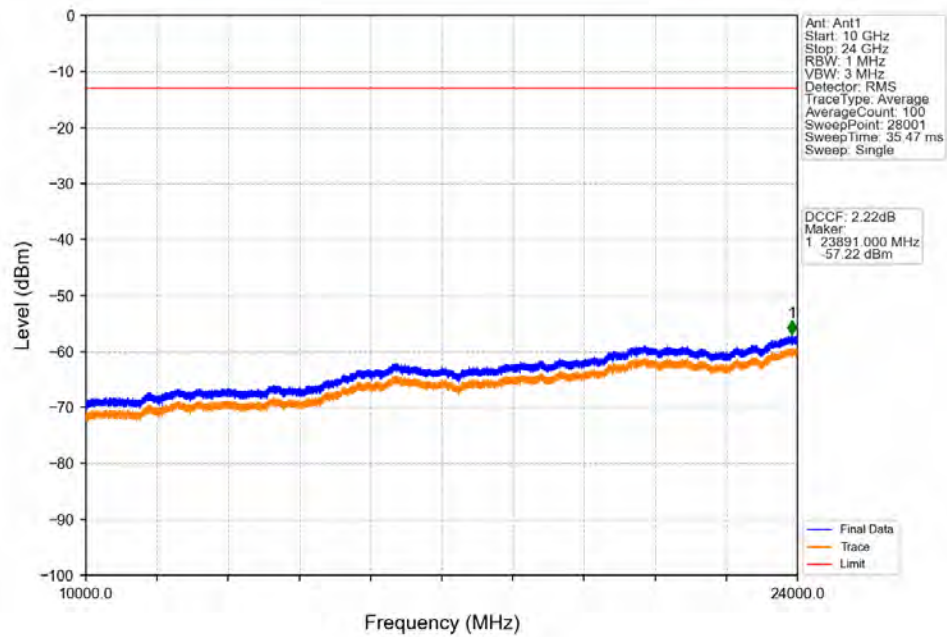
Band40_10MHz_16QAM_LCH_2305MHz_RB_1_0_NTNV



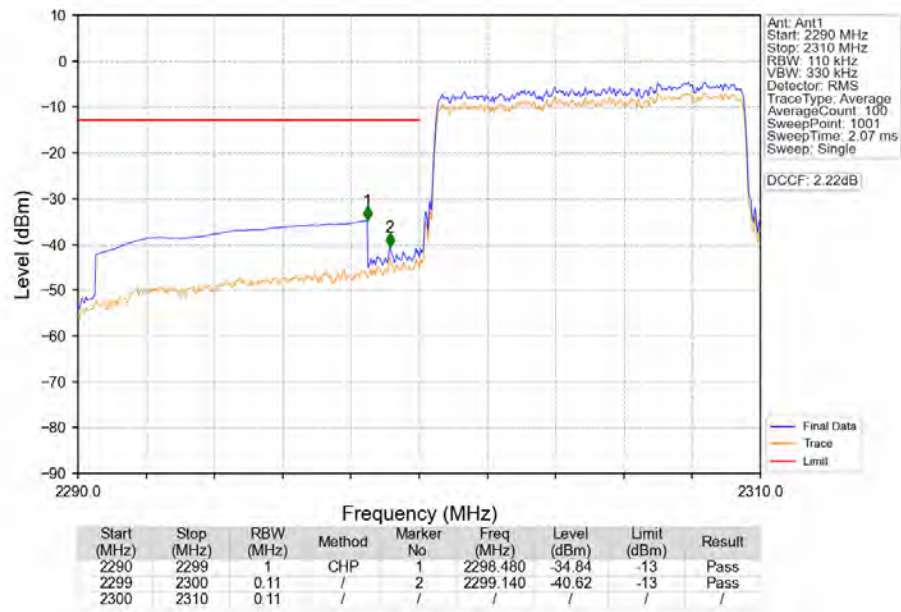
Band40_10MHz_16QAM_LCH_2305MHz_RB_1_0_NTNV



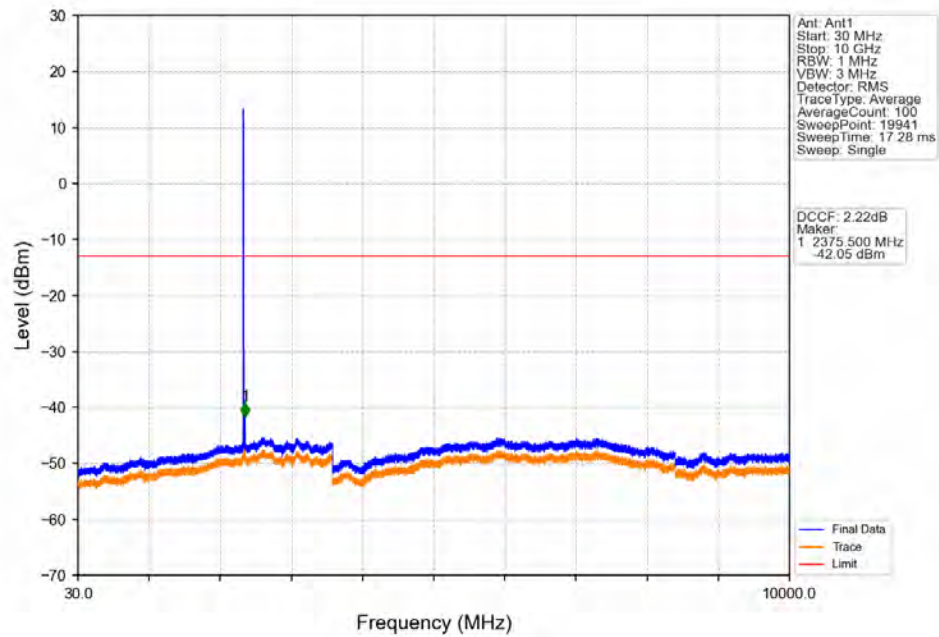
Band40_10MHz_16QAM_LCH_2305MHz_RB_1_0_NTNV



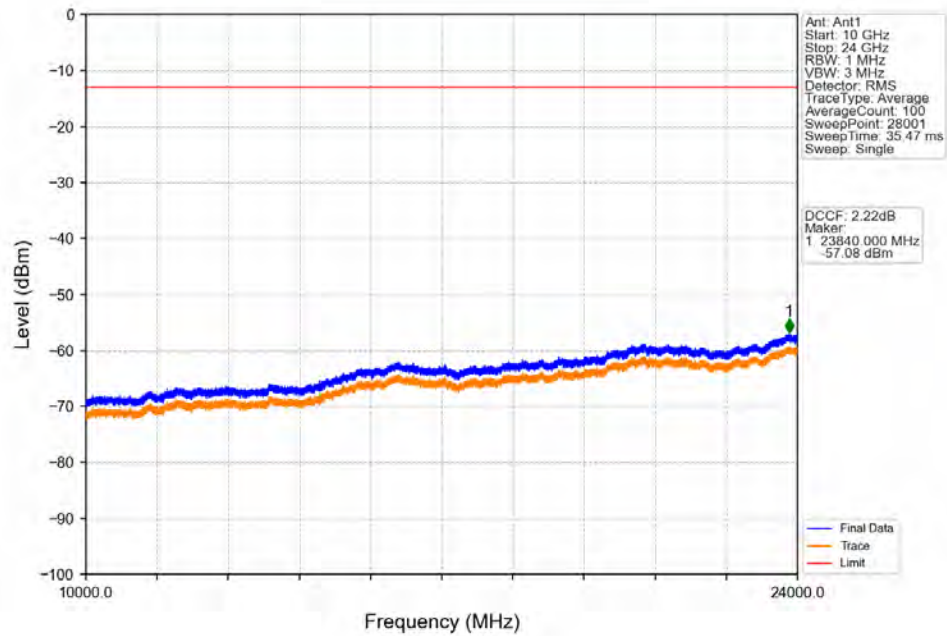
Band40_10MHz_16QAM_LCH_2305MHz_RB_50_0_NTNV



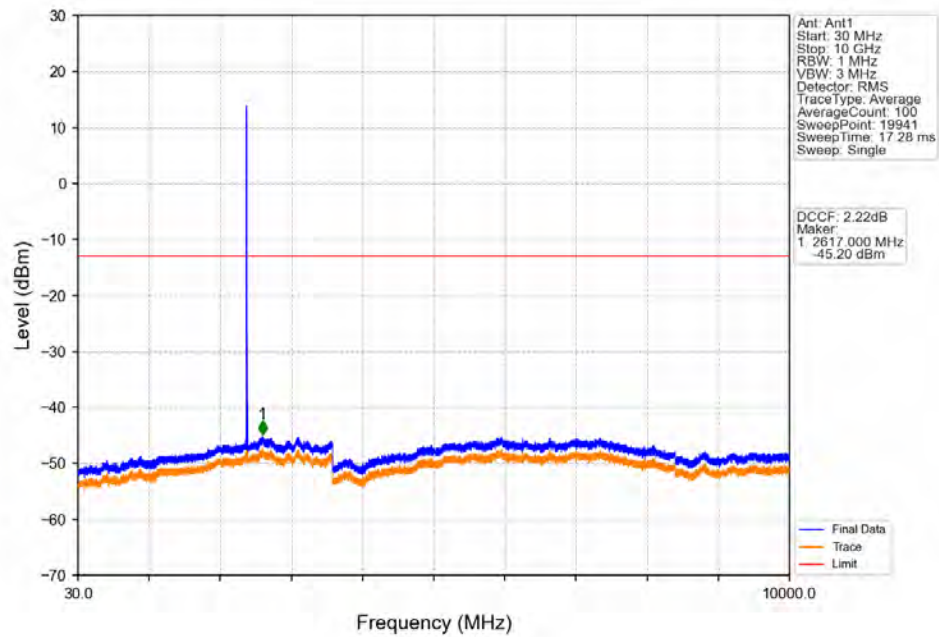
Band40_10MHz_16QAM_MCH_2350MHz_RB_1_0_NTNV



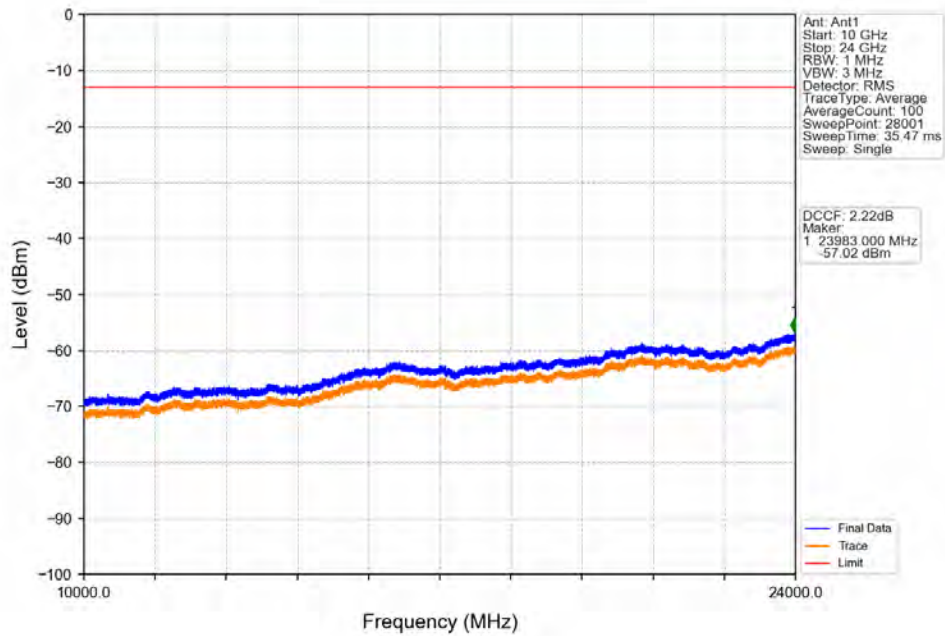
Band40_10MHz_16QAM_MCH_2350MHz_RB_1_0_NTNV



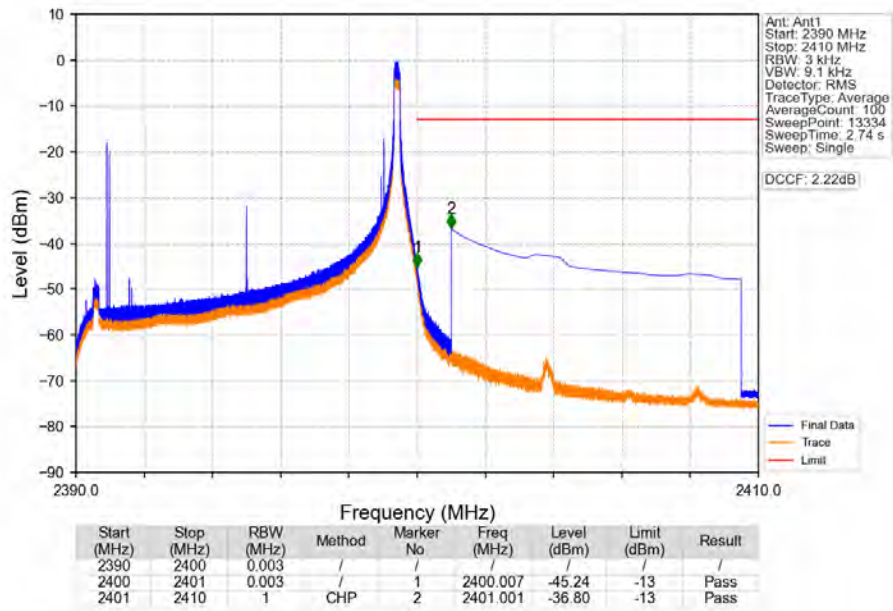
Band40_10MHz_16QAM_HCH_2395MHz_RB_1_0_NTNV



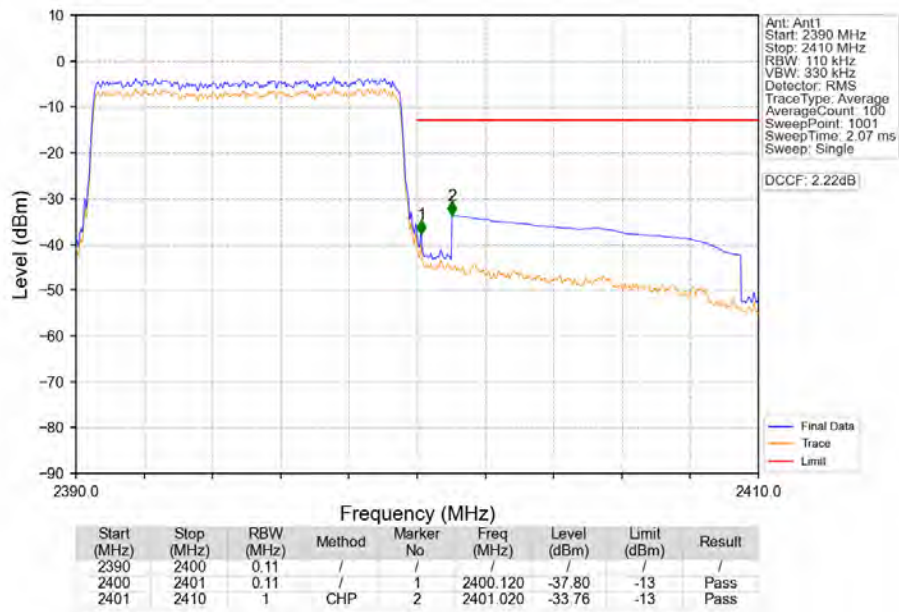
Band40_10MHz_16QAM_HCH_2395MHz_RB_1_0_NTNV



Band40_10MHz_16QAM_HCH_2395MHz_RB_1_49_NTNV



Band40_10MHz_16QAM_HCH_2395MHz_RB_50_0_NTNV

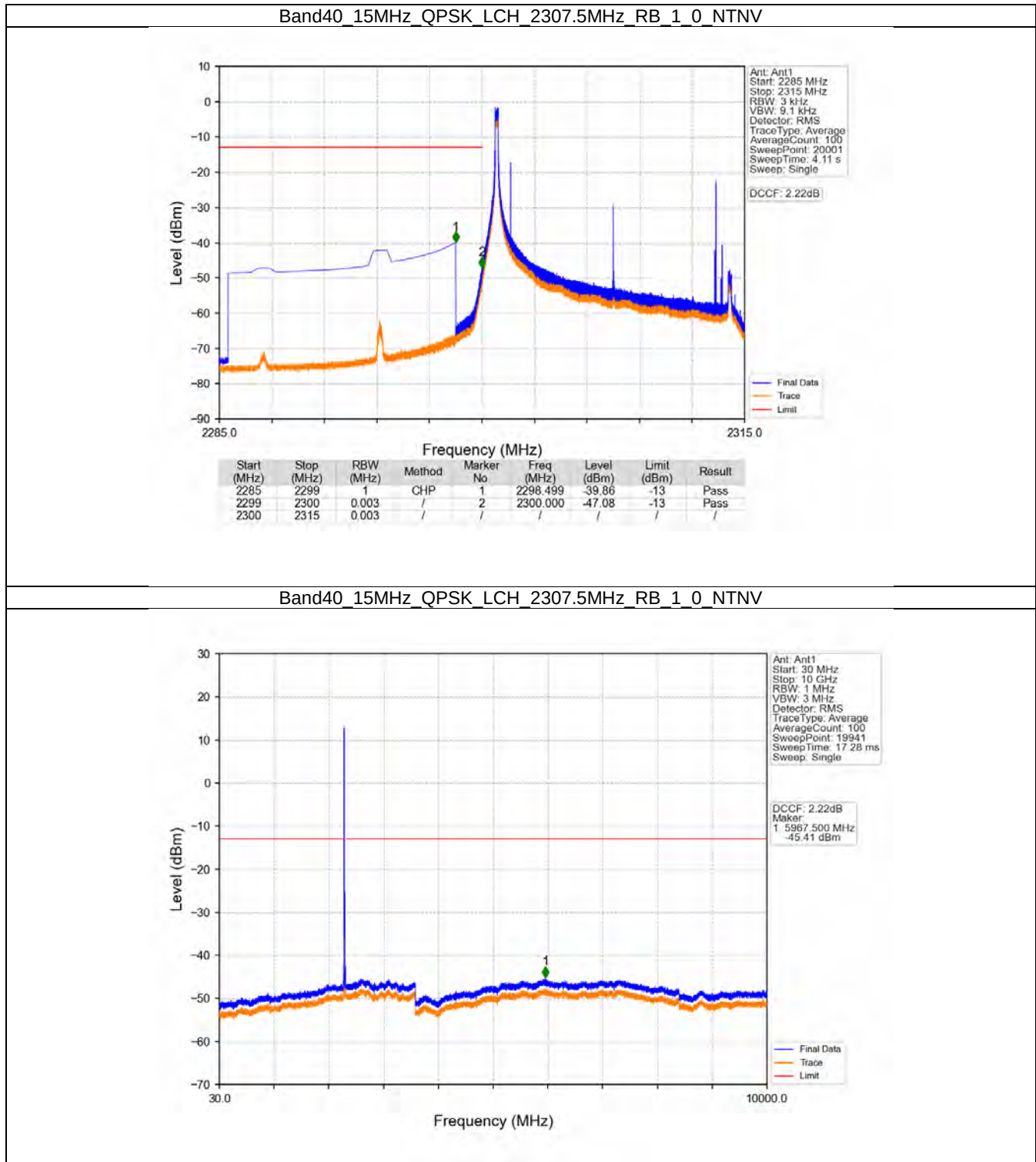


6.3 B40_15MHz

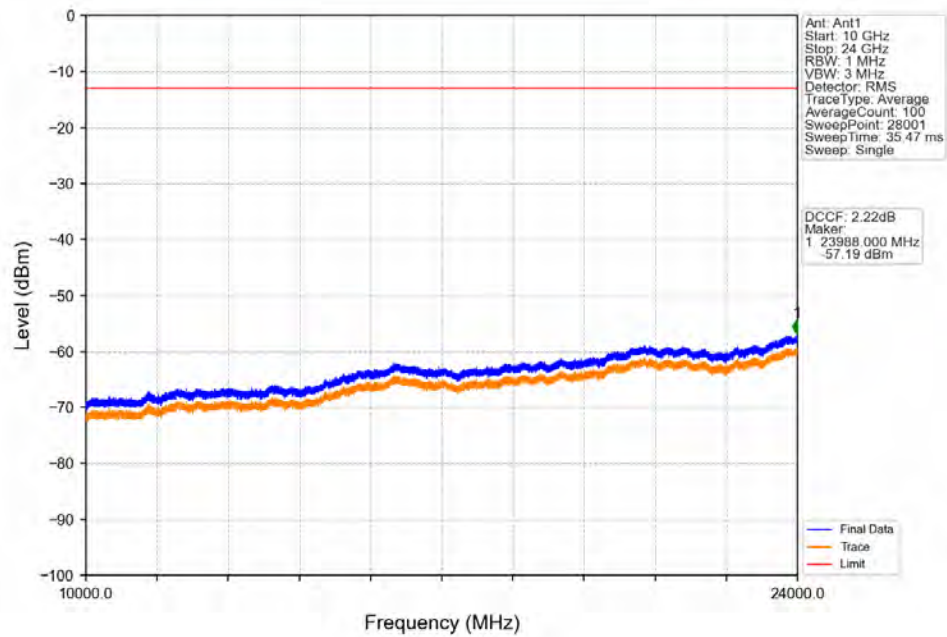
6.3.1 Test Result

Band: 40 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2307.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2350	1	0	Refer To Test Graph		Pass
	2392.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2307.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2350	1	0	Refer To Test Graph		Pass
	2392.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

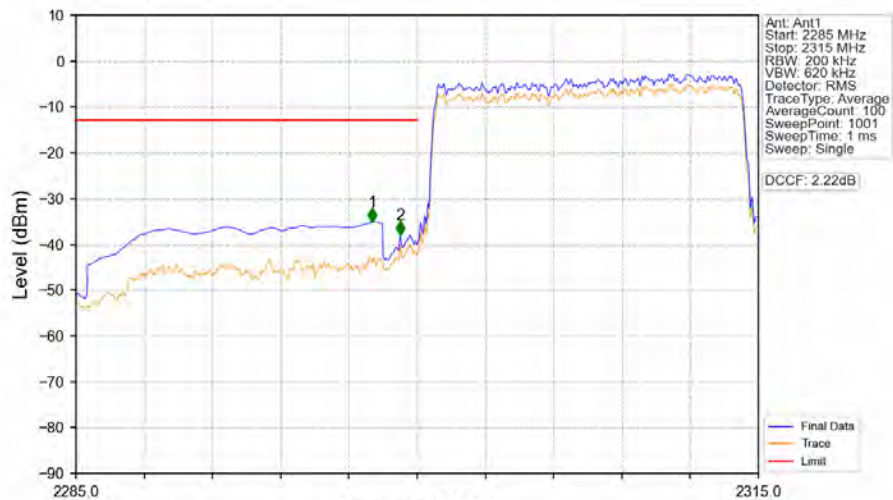
6.3.2 Test Graph



Band40_15MHz_QPSK_LCH_2307.5MHz_RB_1_0_NTNV

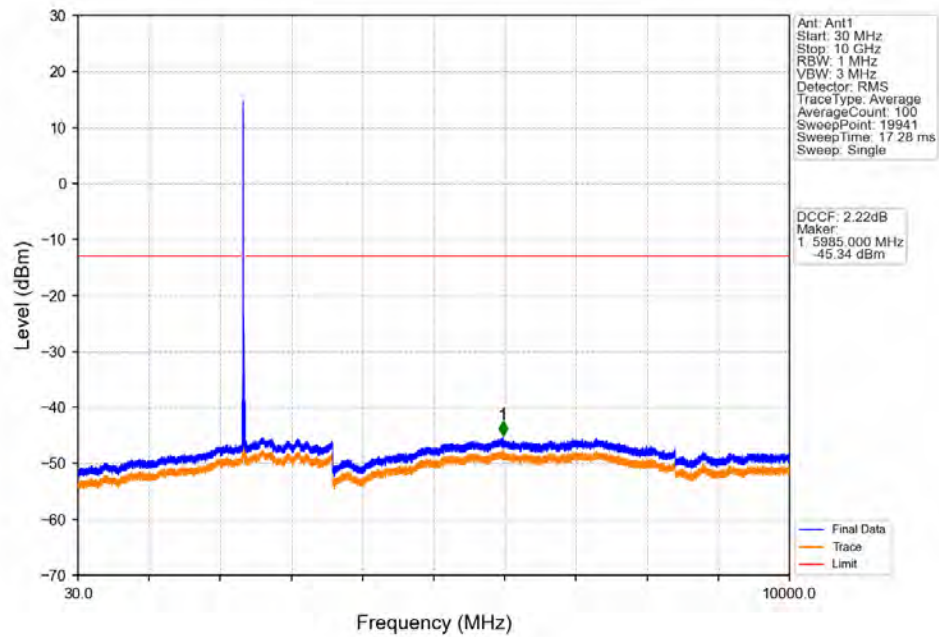


Band40_15MHz_QPSK_LCH_2307.5MHz_RB_75_0_NTNV

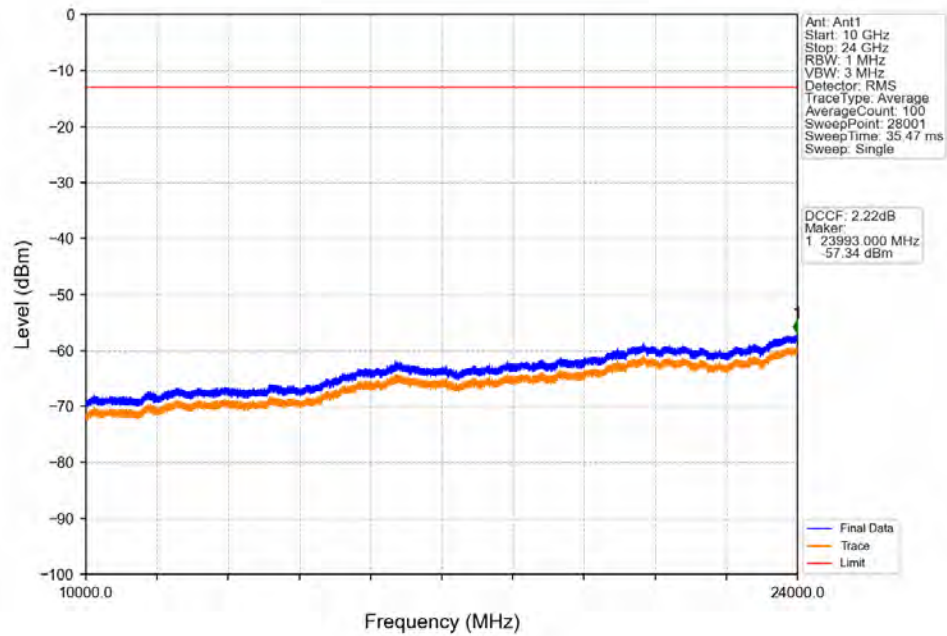


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2285	2299	1	CHP	1	2288.020	-35.10	-13	Pass
2299	2300	0.2	/	2	2299.250	-38.05	-13	Pass
2300	2315	0.2	/	/	/	/	/	/

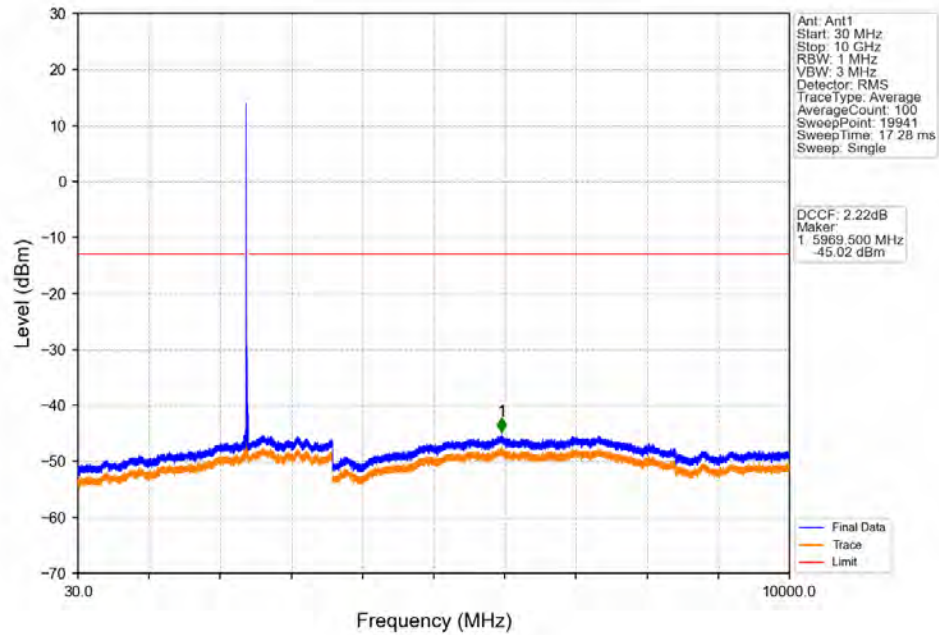
Band40_15MHz_QPSK_MCH_2350MHz_RB_1_0_NTNV



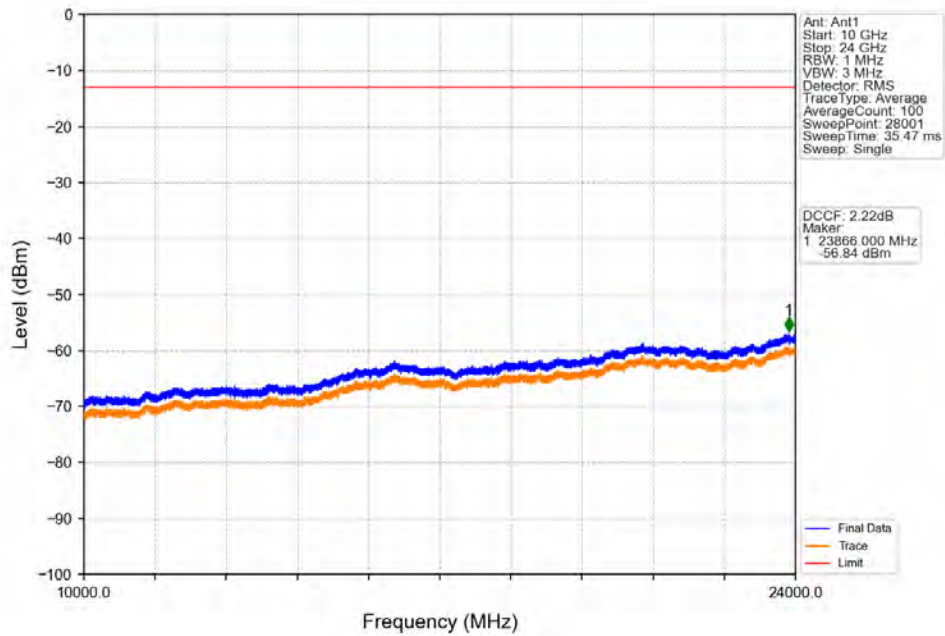
Band40_15MHz_QPSK_MCH_2350MHz_RB_1_0_NTNV



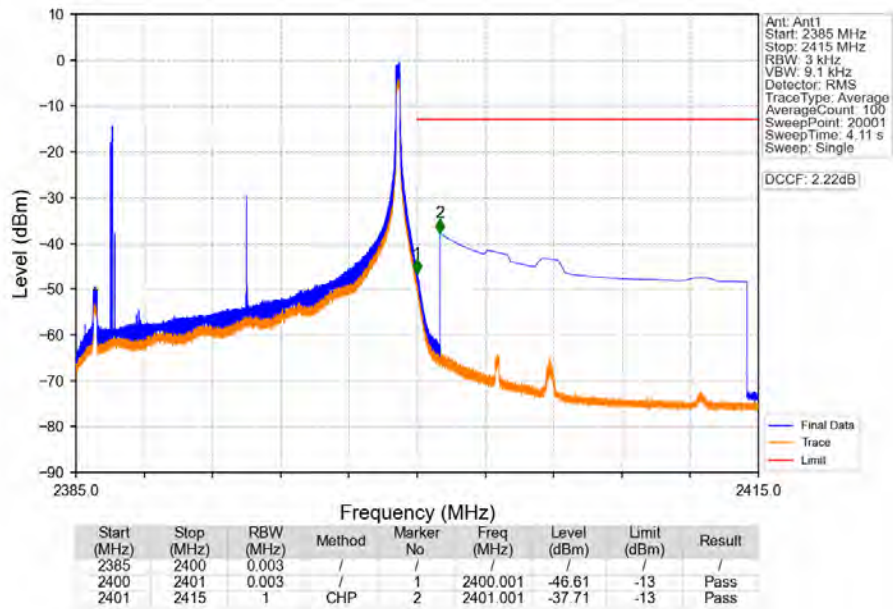
Band40_15MHz_QPSK_HCH_2392.5MHz_RB_1_0_NTNV



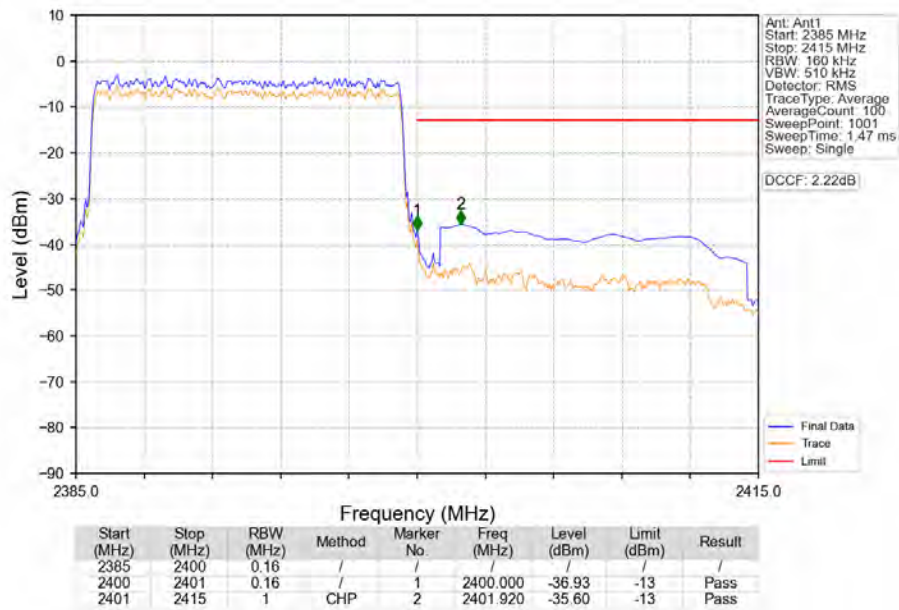
Band40_15MHz_QPSK_HCH_2392.5MHz_RB_1_0_NTNV



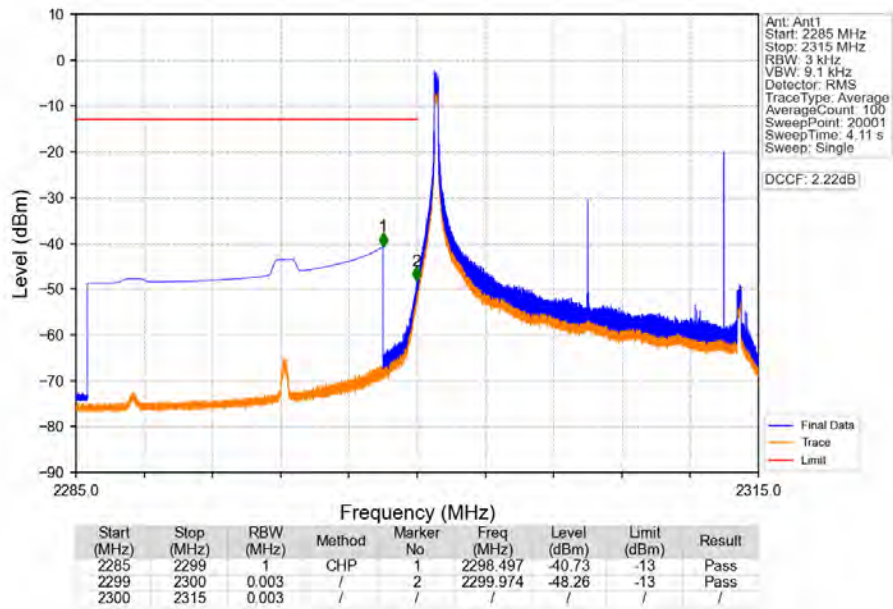
Band40_15MHz_QPSK_HCH_2392.5MHz_RB_1_74_NTNV



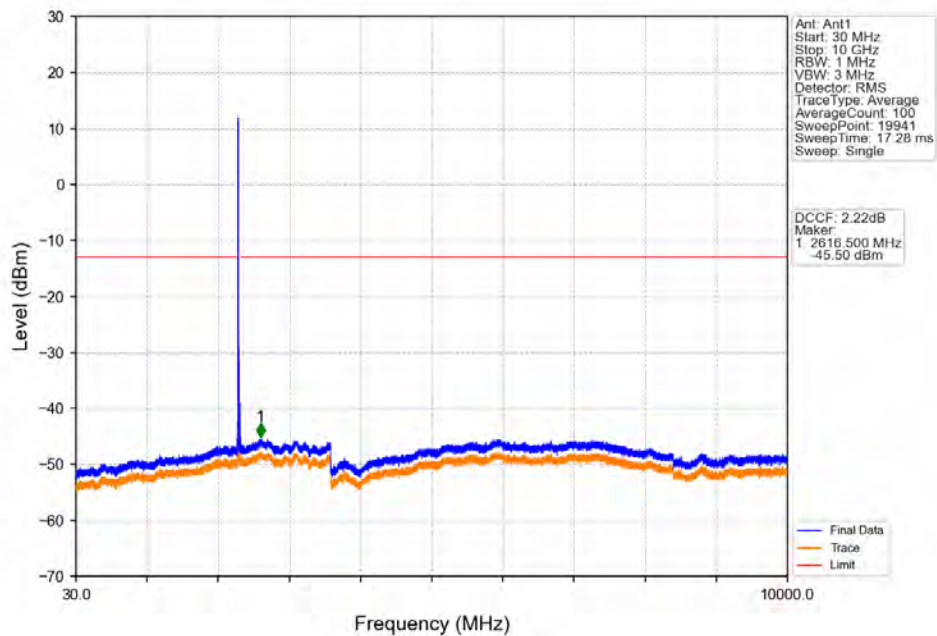
Band40_15MHz_QPSK_HCH_2392.5MHz_RB_75_0_NTNV



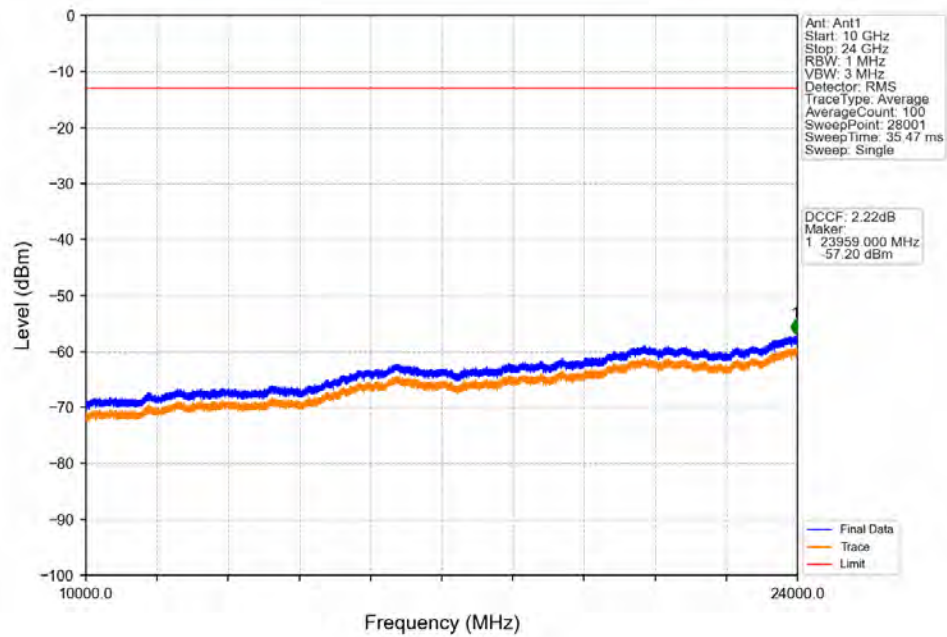
Band40_15MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV



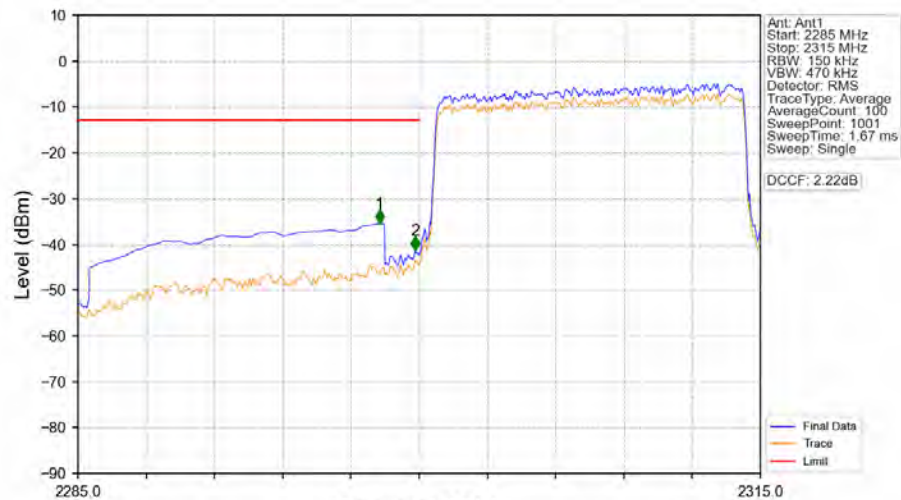
Band40_15MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV



Band40_15MHz_16QAM_LCH_2307.5MHz_RB_1_0_NTNV

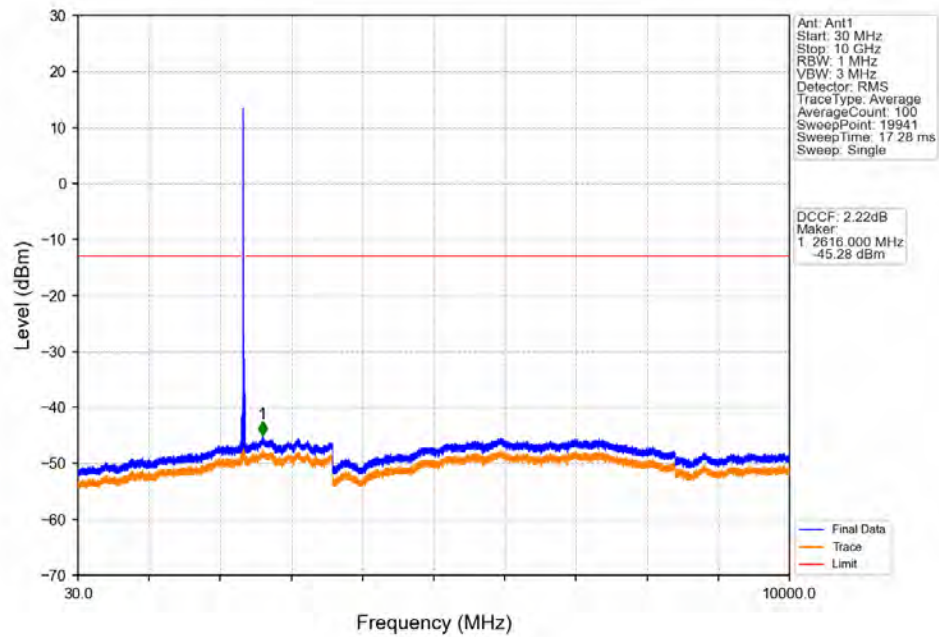


Band40_15MHz_16QAM_LCH_2307.5MHz_RB_75_0_NTNV

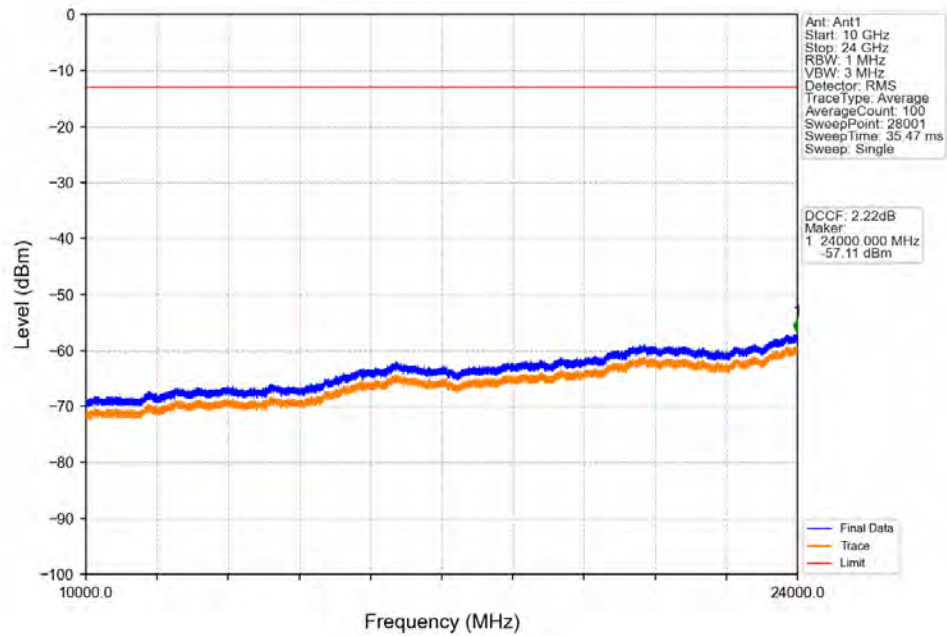


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2285	2299	0.15	CHP	1	2298.260	-35.47	-13	Pass
2299	2300	0.15	/	2	2299.820	-41.27	-13	Pass
2300	2315	0.15	/	/	/	/	/	/

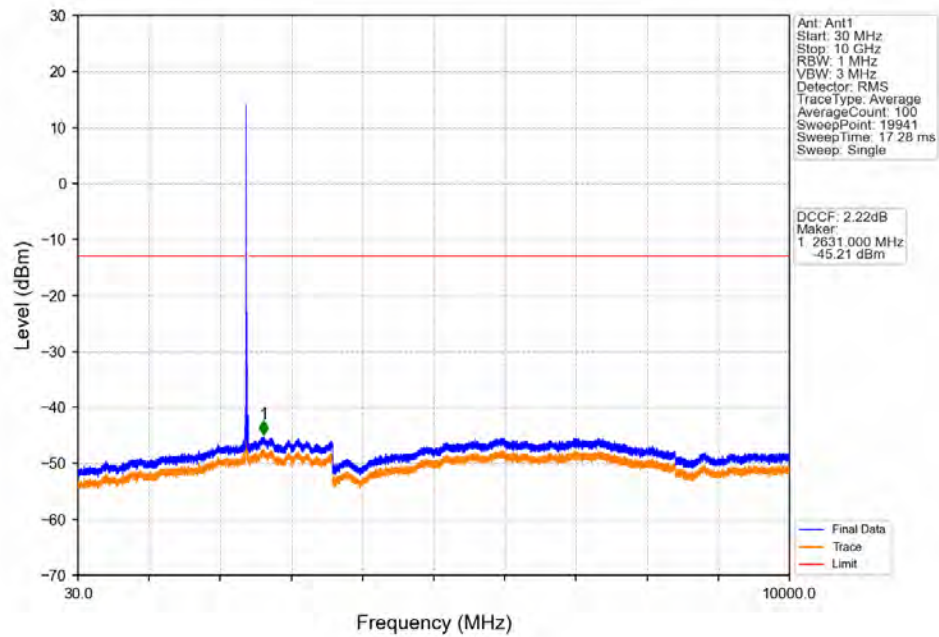
Band40_15MHz_16QAM_MCH_2350MHz_RB_1_0_NTNV



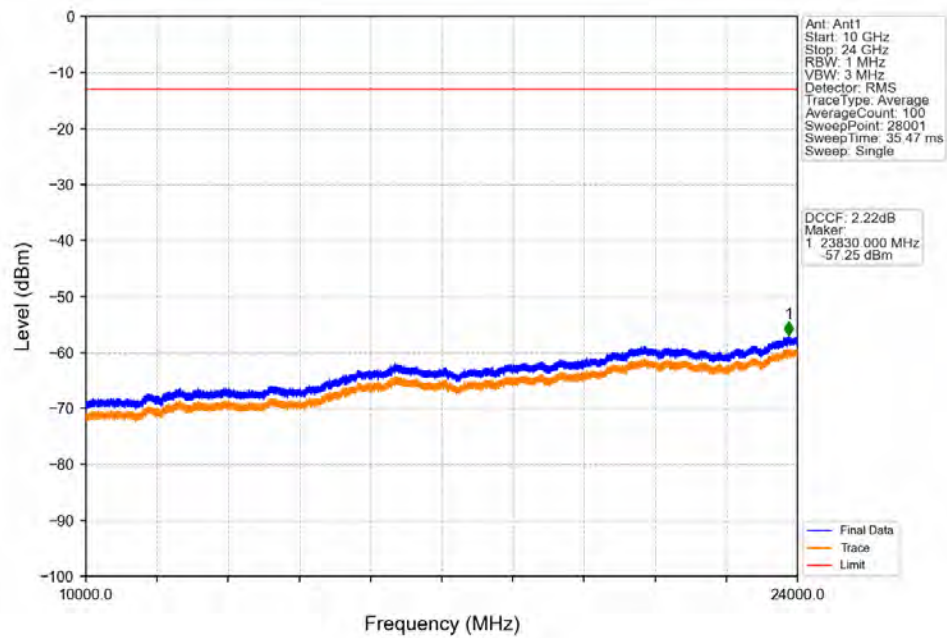
Band40_15MHz_16QAM_MCH_2350MHz_RB_1_0_NTNV



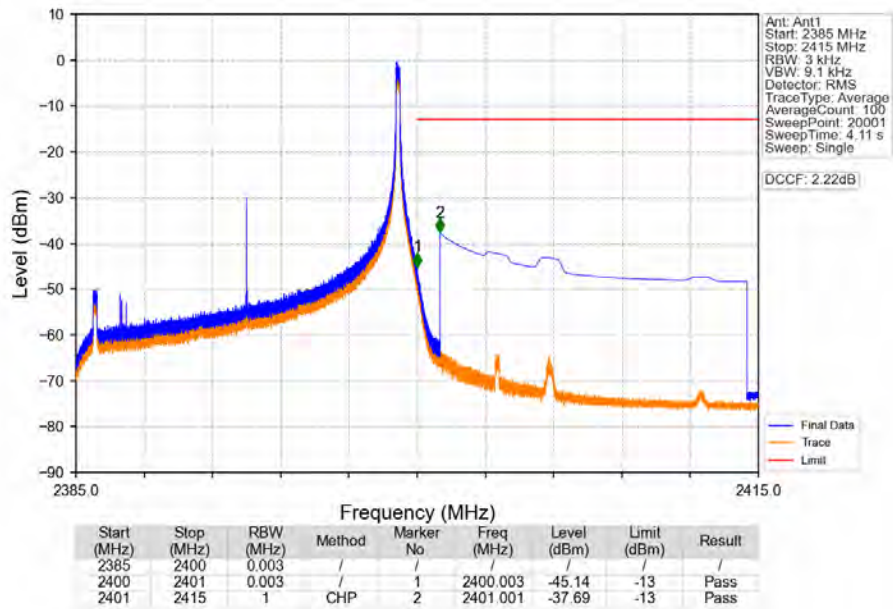
Band40_15MHz_16QAM_HCH_2392.5MHz_RB_1_0_NTNV



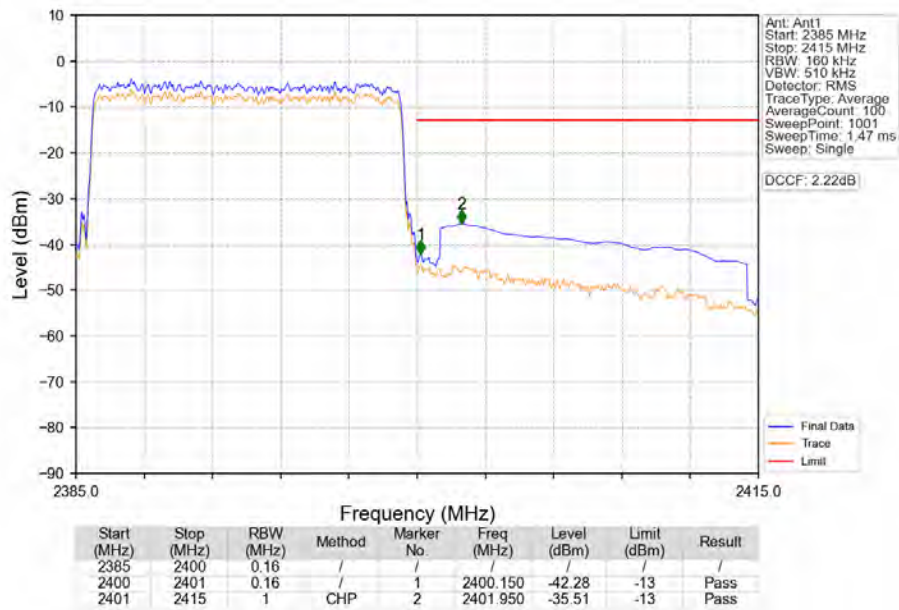
Band40_15MHz_16QAM_HCH_2392.5MHz_RB_1_0_NTNV



Band40_15MHz_16QAM_HCH_2392.5MHz_RB_1_74_NTNV



Band40_15MHz_16QAM_HCH_2392.5MHz_RB_75_0_NTNV

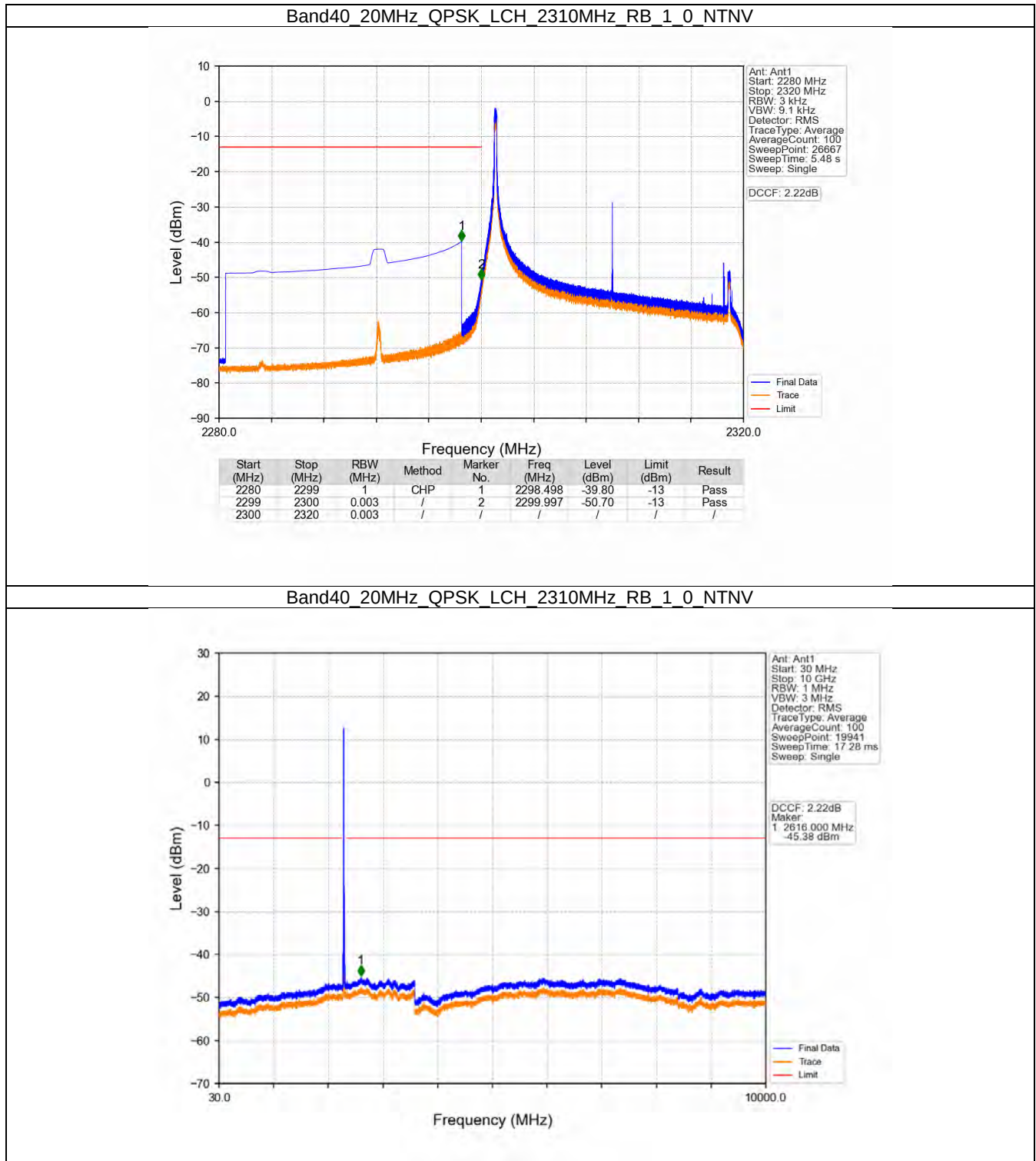


6.4 B40_20MHz

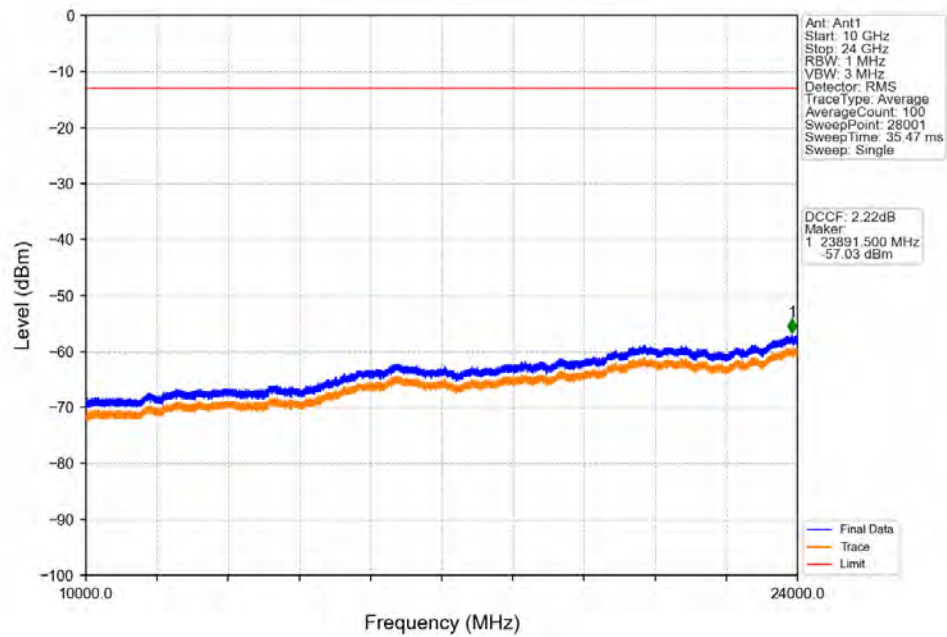
6.4.1 Test Result

Band: 40 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2350	1	0	Refer To Test Graph		Pass
	2390	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2310	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2350	1	0	Refer To Test Graph		Pass
	2390	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

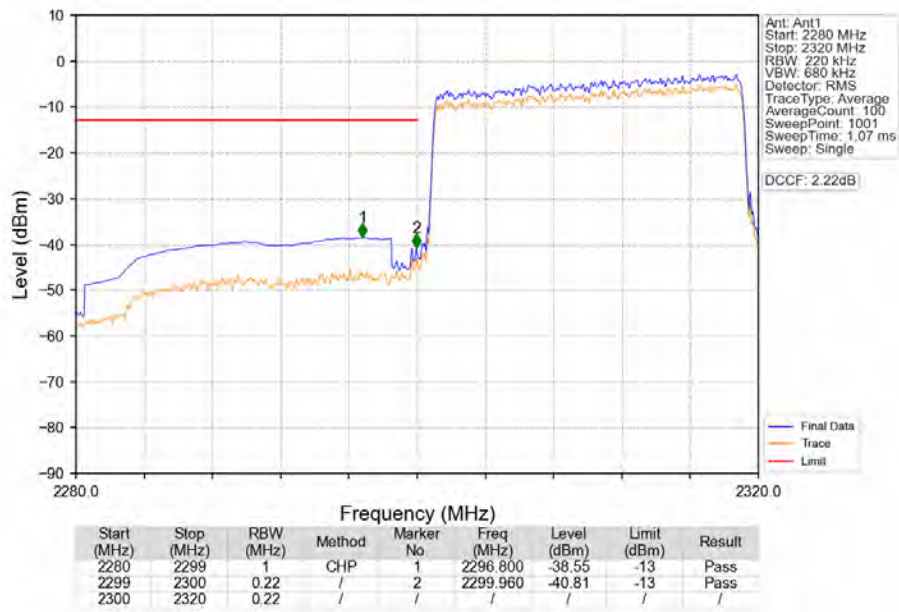
6.4.2 Test Graph



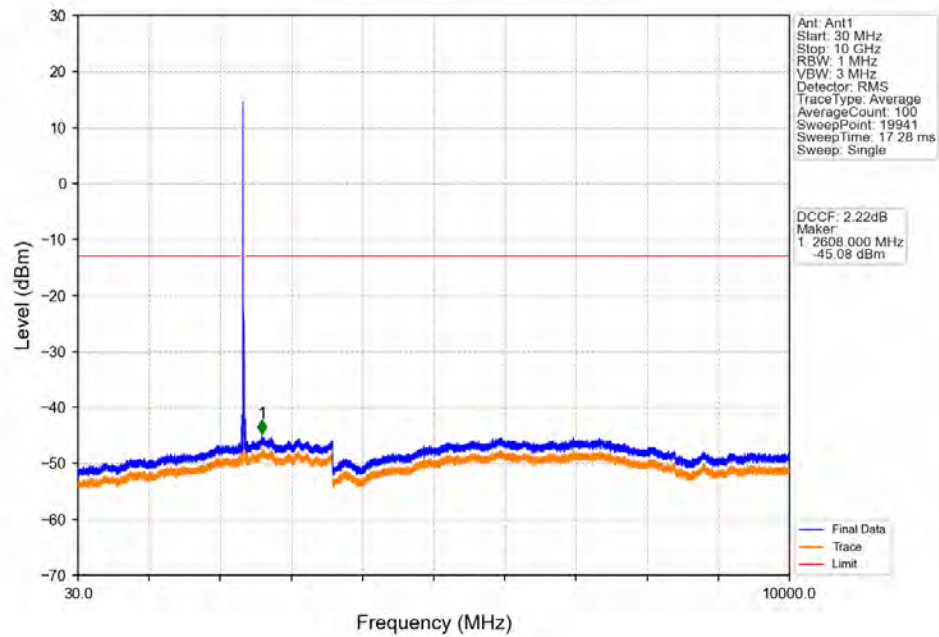
Band40_20MHz_QPSK_LCH_2310MHz_RB_1_0_NTNV



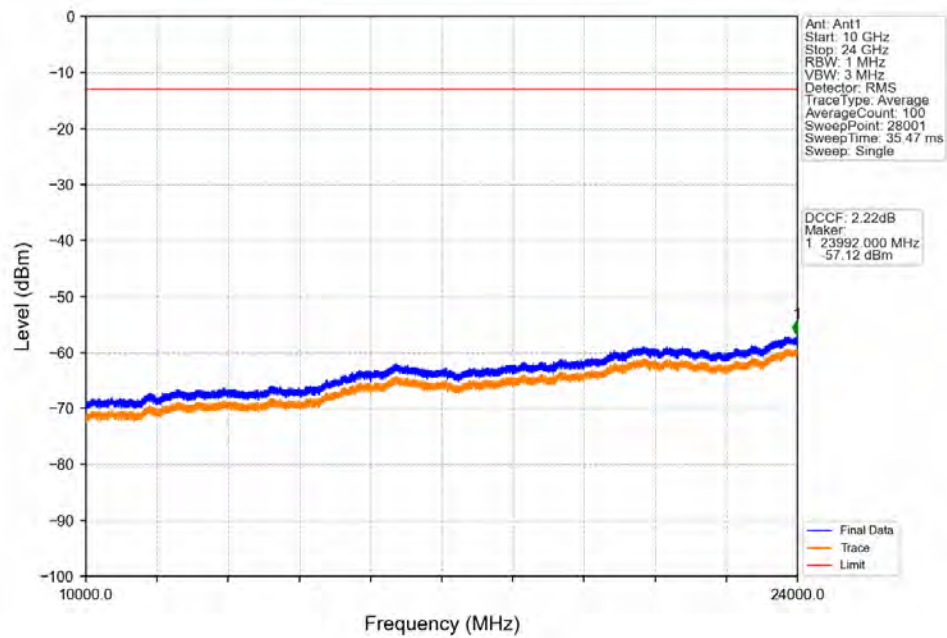
Band40_20MHz_QPSK_LCH_2310MHz_RB_100_0_NTNV



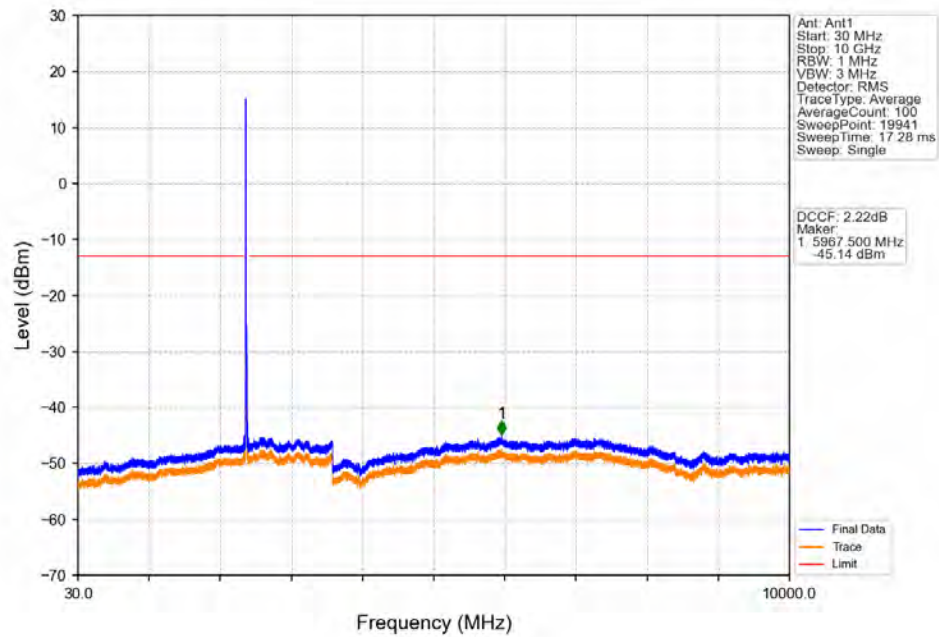
Band40_20MHz_QPSK_MCH_2350MHz_RB_1_0_NTNV



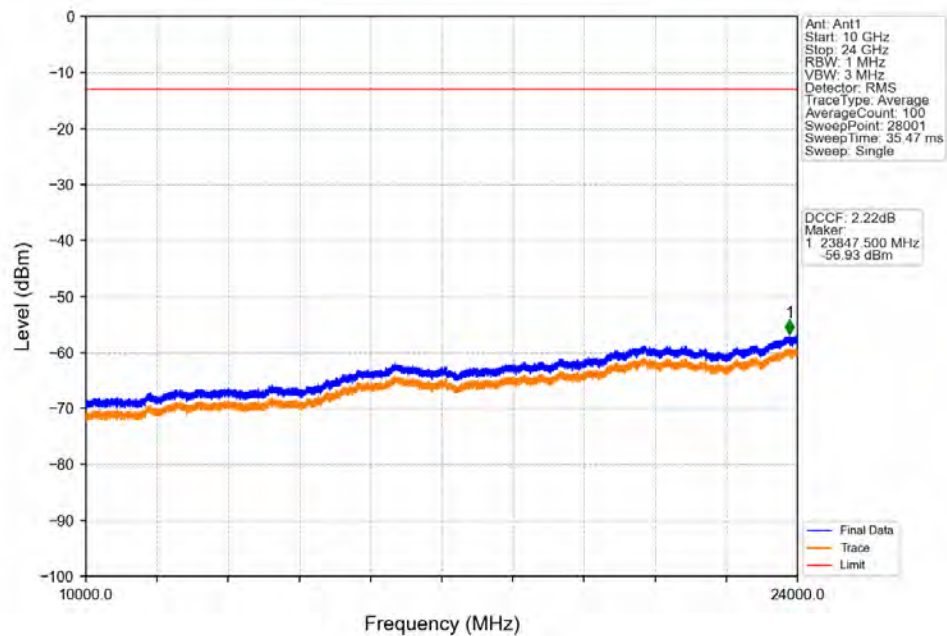
Band40_20MHz_QPSK_MCH_2350MHz_RB_1_0_NTNV



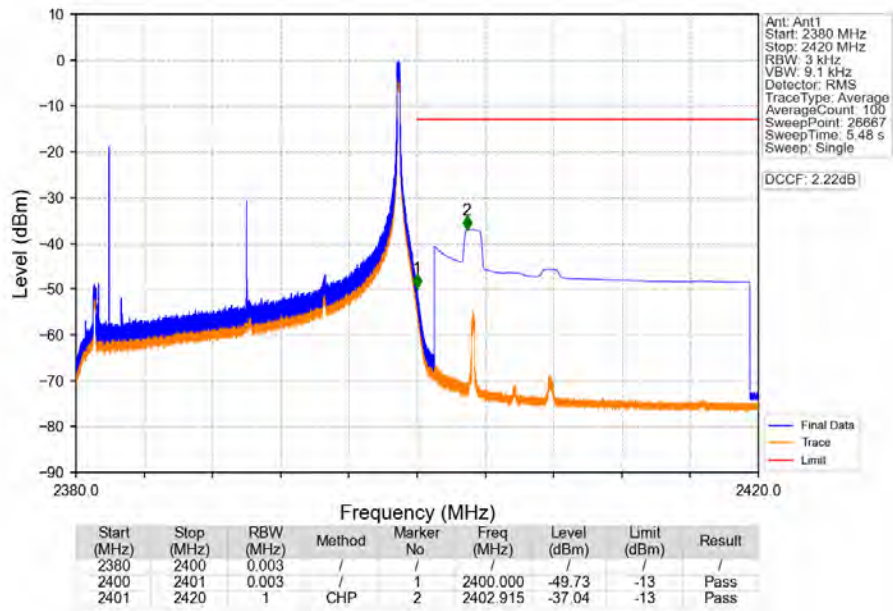
Band40_20MHz_QPSK_HCH_2390MHz_RB_1_0_NTNV



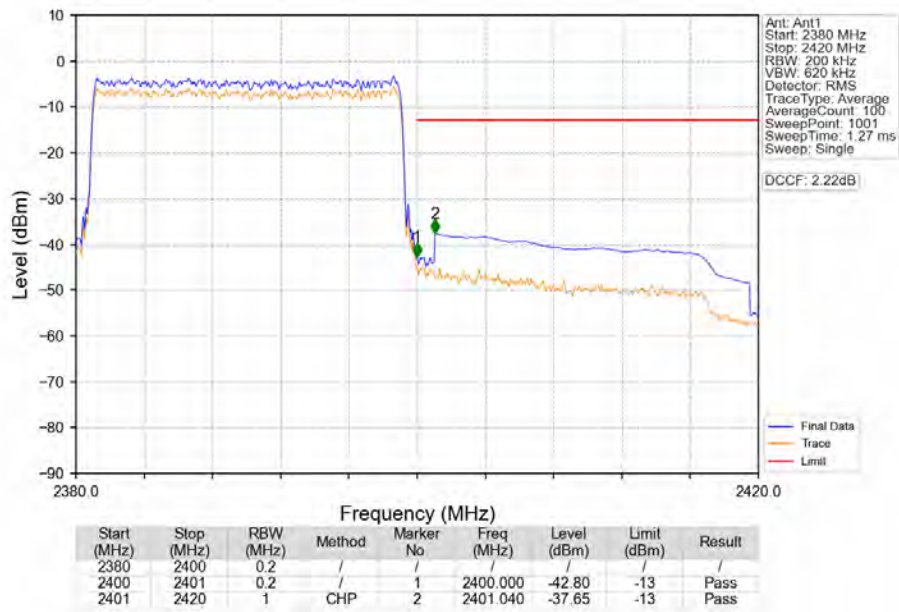
Band40_20MHz_QPSK_HCH_2390MHz_RB_1_0_NTNV



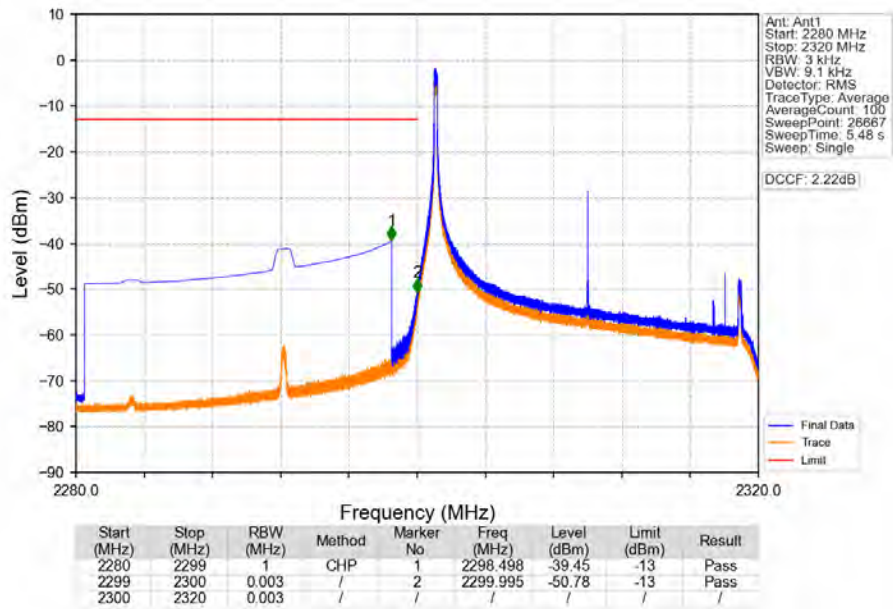
Band40_20MHz_QPSK_HCH_2390MHz_RB_1_99_NTNV



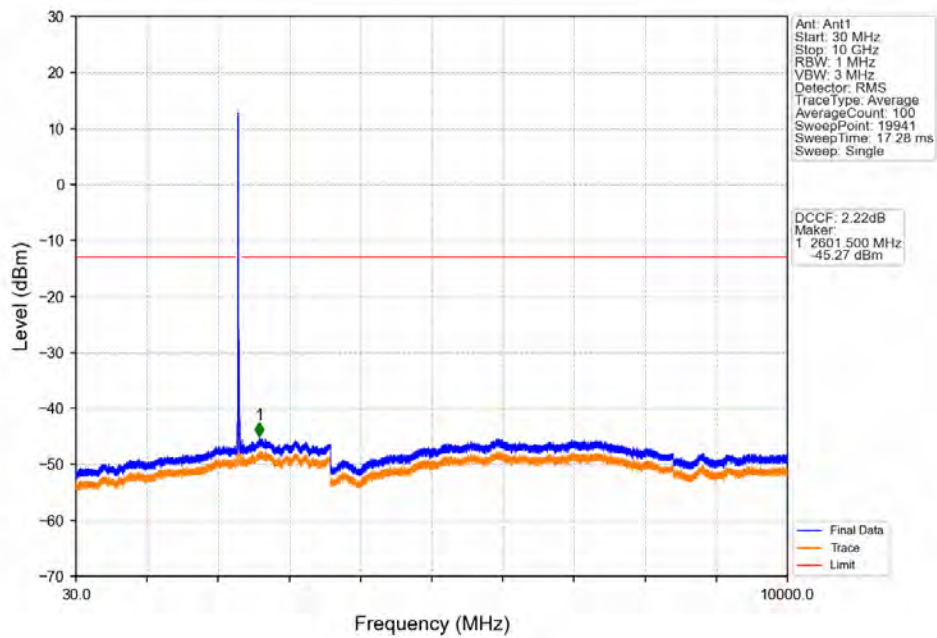
Band40_20MHz_QPSK_HCH_2390MHz_RB_100_0_NTNV



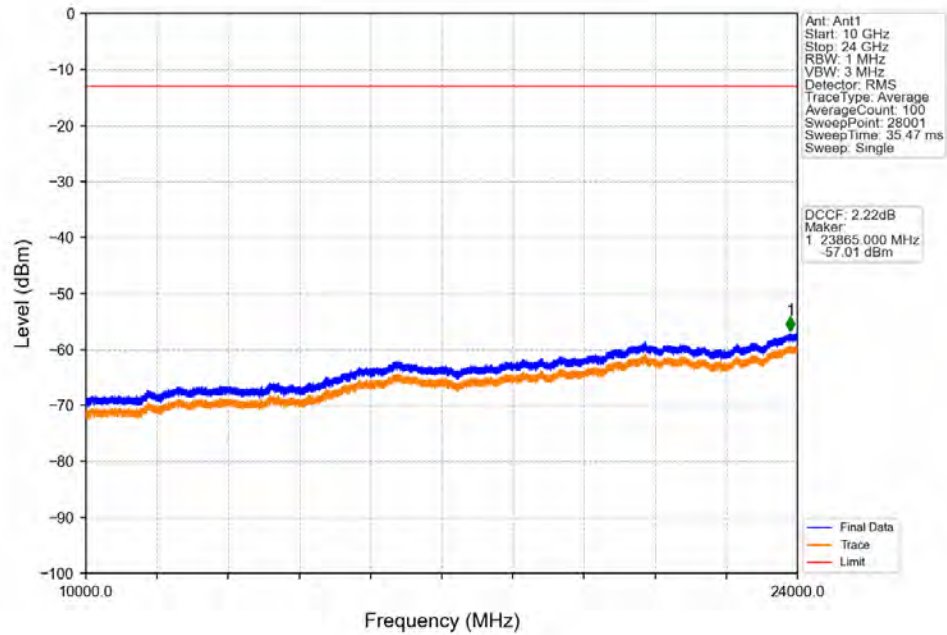
Band40_20MHz_16QAM_LCH_2310MHz_RB_1_0_NTNV



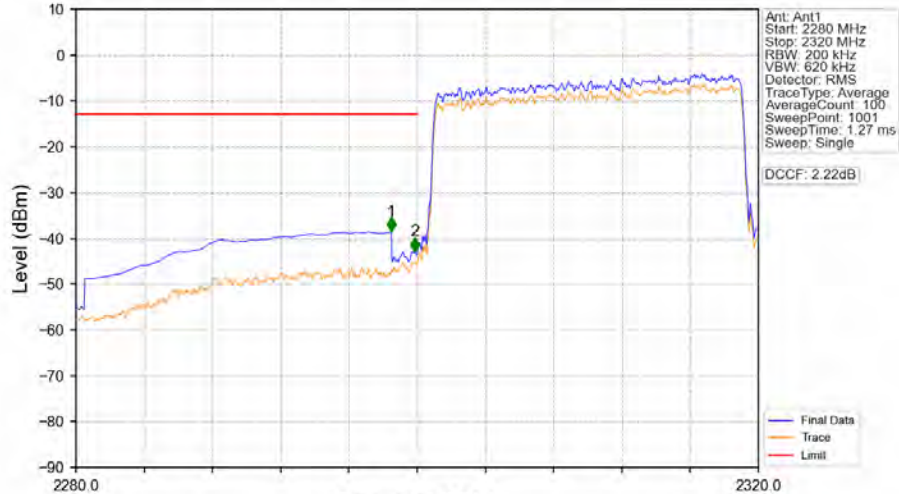
Band40_20MHz_16QAM_LCH_2310MHz_RB_1_0_NTNV



Band40_20MHz_16QAM_LCH_2310MHz_RB_1_0_NTNV

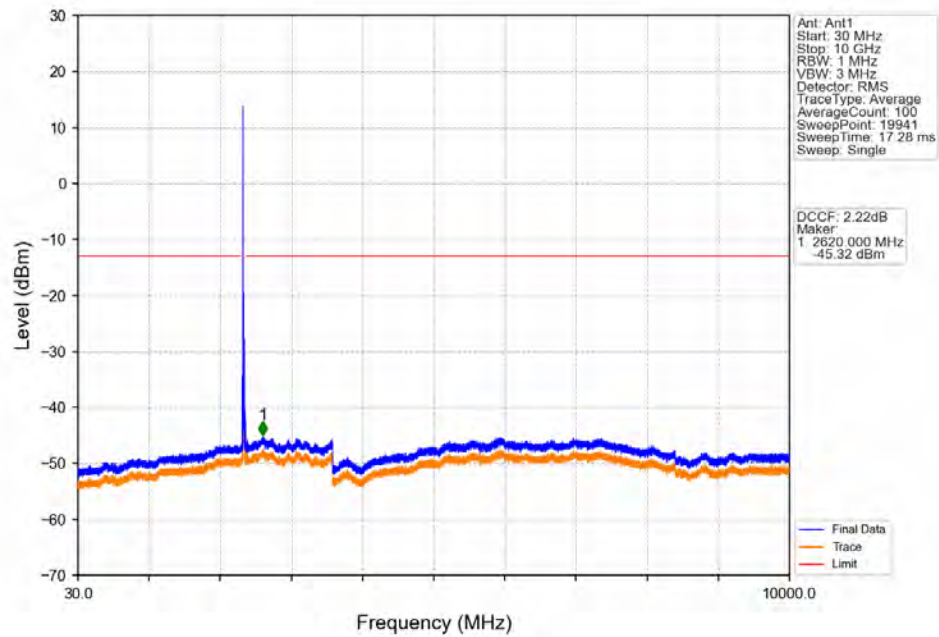


Band40_20MHz_16QAM_LCH_2310MHz_RB_100_0_NTNV

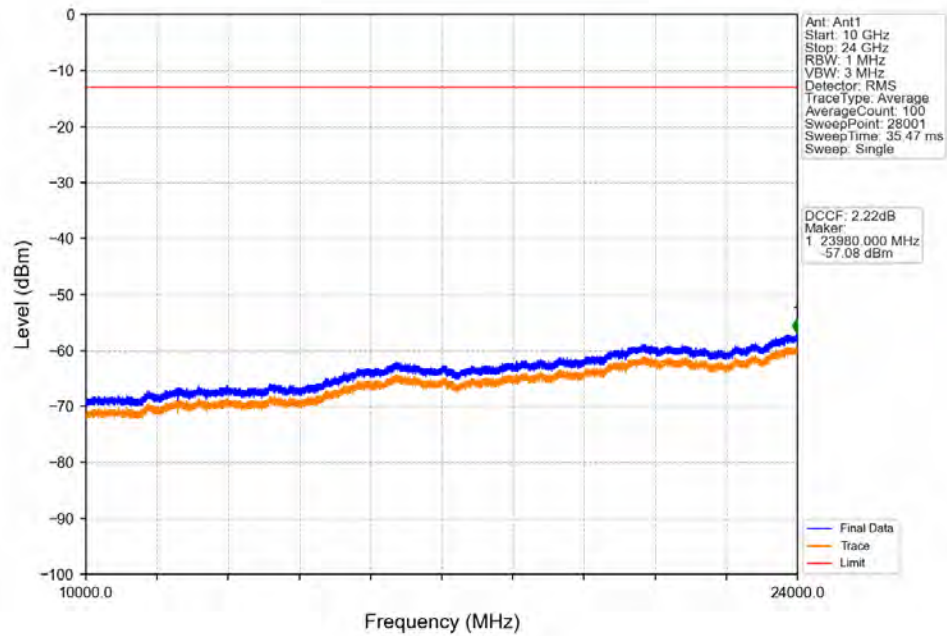


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2280	2299	1	CHP	1	2298.480	-38.52	-13	Pass
2299	2300	0.2	/	2	2299.880	-42.85	-13	Pass
2300	2320	0.2	/	/	/	/	/	/

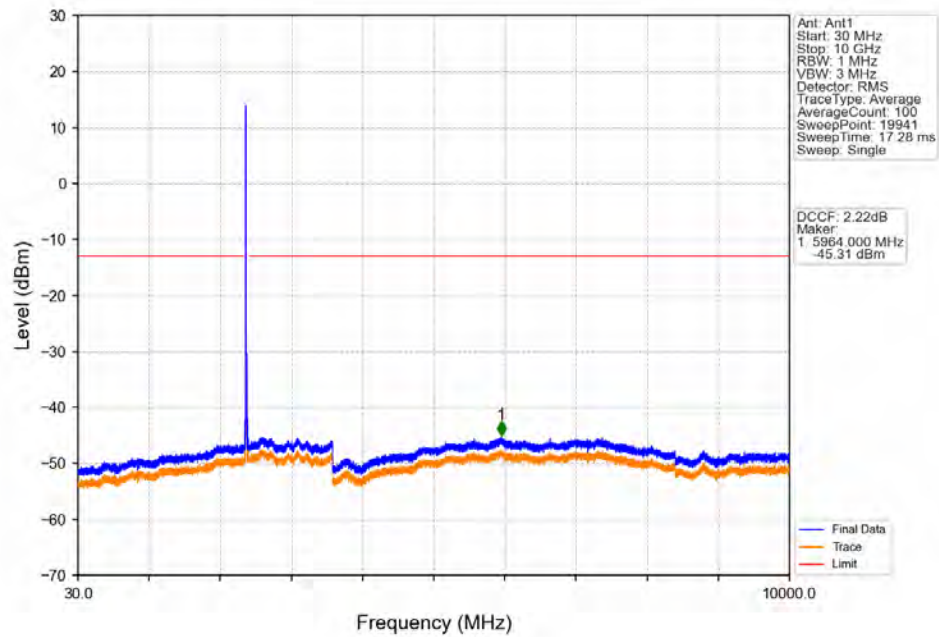
Band40_20MHz_16QAM_MCH_2350MHz_RB_1_0_NTNV



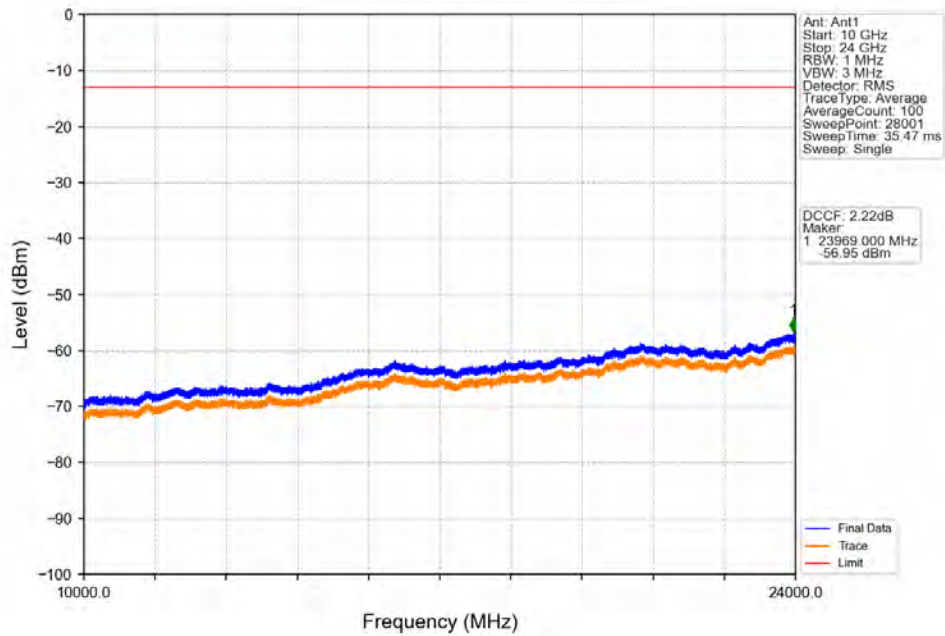
Band40_20MHz_16QAM_MCH_2350MHz_RB_1_0_NTNV



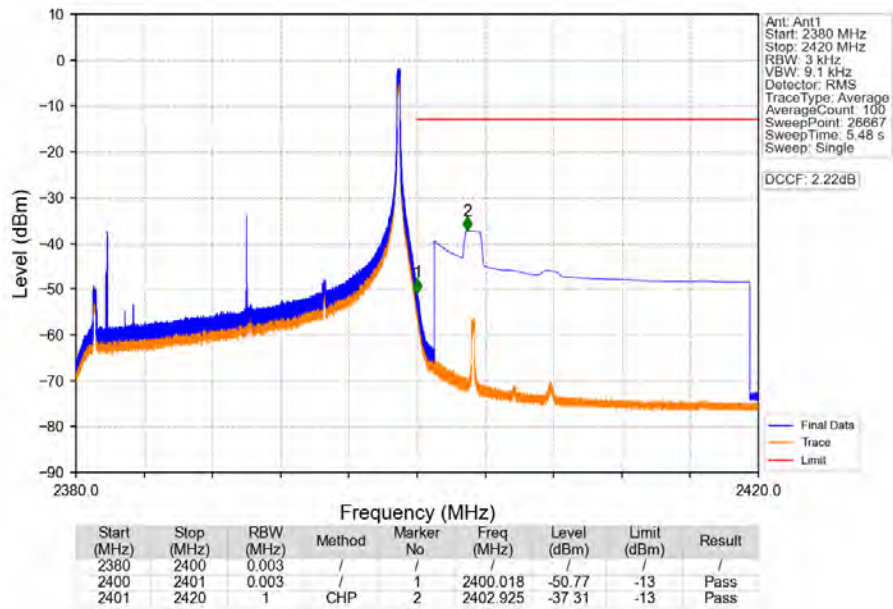
Band40_20MHz_16QAM_HCH_2390MHz_RB_1_0_NTNV



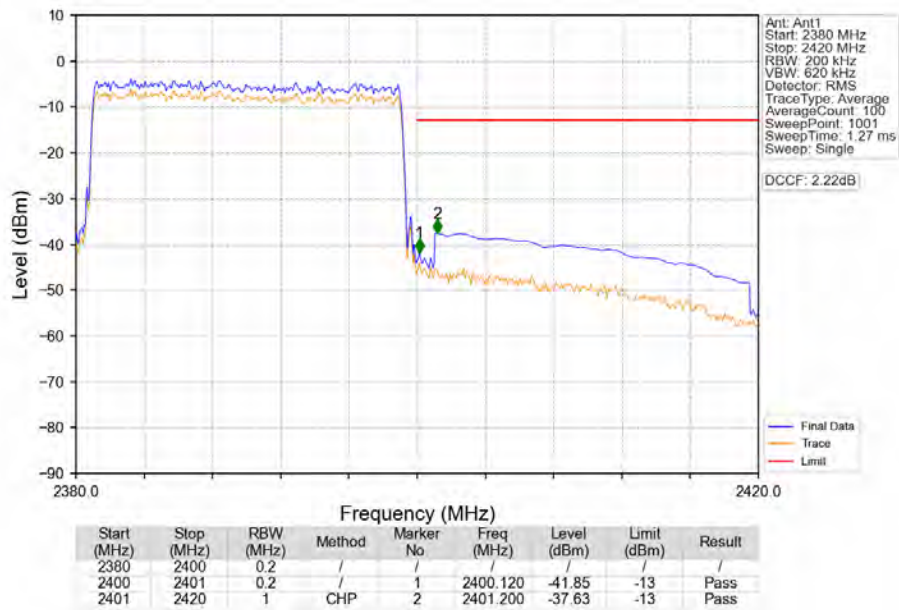
Band40_20MHz_16QAM_HCH_2390MHz_RB_1_0_NTNV



Band40_20MHz_16QAM_HCH_2390MHz_RB_1_99_NTNV



Band40_20MHz_16QAM_HCH_2390MHz_RB_100_0_NTNV



7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
40	5	2302.5	2397.5	0.2158	0.0214	ppm	4M57G7D	27D	23.34
40	5	2302.5	2397.5	0.2158	0.0214	ppm	4M57G7D	27D	23.34
40	5	2302.5	2397.5	0.2158	0.0214	ppm	4M57G7D	27D	23.34
40	5	2302.5	2397.5	0.2158	0.0214	ppm	4M57G7D	27D	23.34
40	5	2302.5	2397.5	0.2158	0.0214	ppm	4M57G7D	27D	23.34
40	5	2302.5	2397.5	0.2158	0.0214	ppm	4M57G7D	27D	23.34
40	5	2302.5	2397.5	0.2158	0.0214	ppm	4M57G7D	27D	23.34
40	5	2302.5	2397.5	0.1563	0.0212	ppm	4M60W7D	27D	21.94
40	5	2302.5	2397.5	0.1563	0.0212	ppm	4M60W7D	27D	21.94
40	5	2302.5	2397.5	0.1563	0.0212	ppm	4M60W7D	27D	21.94
40	5	2302.5	2397.5	0.1563	0.0212	ppm	4M60W7D	27D	21.94
40	5	2302.5	2397.5	0.1563	0.0212	ppm	4M60W7D	27D	21.94
40	5	2302.5	2397.5	0.1563	0.0212	ppm	4M60W7D	27D	21.94
40	10	2305	2395	0.1910	0.0228	ppm	9M12G7D	27D	22.81
40	10	2305	2395	0.1910	0.0228	ppm	9M12G7D	27D	22.81
40	10	2305	2395	0.1910	0.0228	ppm	9M12G7D	27D	22.81
40	10	2305	2395	0.1910	0.0228	ppm	9M12G7D	27D	22.81
40	10	2305	2395	0.1910	0.0228	ppm	9M12G7D	27D	22.81
40	10	2305	2395	0.1910	0.0228	ppm	9M12G7D	27D	22.81
40	10	2305	2395	0.1469	0.0231	ppm	9M09W7D	27D	21.67
40	10	2305	2395	0.1469	0.0231	ppm	9M09W7D	27D	21.67
40	10	2305	2395	0.1469	0.0231	ppm	9M09W7D	27D	21.67
40	10	2305	2395	0.1469	0.0231	ppm	9M09W7D	27D	21.67
40	10	2305	2395	0.1469	0.0231	ppm	9M09W7D	27D	21.67
40	10	2305	2395	0.1469	0.0231	ppm	9M09W7D	27D	21.67
40	15	2307.5	2392.5	0.1888	0.0254	ppm	13M6G7D	27D	22.76
40	15	2307.5	2392.5	0.1888	0.0254	ppm	13M6G7D	27D	22.76
40	15	2307.5	2392.5	0.1888	0.0254	ppm	13M6G7D	27D	22.76
40	15	2307.5	2392.5	0.1888	0.0254	ppm	13M6G7D	27D	22.76
40	15	2307.5	2392.5	0.1888	0.0254	ppm	13M6G7D	27D	22.76
40	15	2307.5	2392.5	0.1888	0.0254	ppm	13M6G7D	27D	22.76
40	15	2307.5	2392.5	0.1500	0.0198	ppm	13M7W7D	27D	21.76
40	15	2307.5	2392.5	0.1500	0.0198	ppm	13M7W7D	27D	21.76
40	15	2307.5	2392.5	0.1500	0.0198	ppm	13M7W7D	27D	21.76
40	15	2307.5	2392.5	0.1500	0.0198	ppm	13M7W7D	27D	21.76
40	15	2307.5	2392.5	0.1500	0.0198	ppm	13M7W7D	27D	21.76
40	15	2307.5	2392.5	0.1500	0.0198	ppm	13M7W7D	27D	21.76
40	20	2310	2390	0.1866	0.0200	ppm	18M2G7D	27D	22.71
40	20	2310	2390	0.1866	0.0200	ppm	18M2G7D	27D	22.71
40	20	2310	2390	0.1866	0.0200	ppm	18M2G7D	27D	22.71

40	20	2310	2390	0.1866	0.0200	ppm	18M2G7D	27D	22.71
40	20	2310	2390	0.1866	0.0200	ppm	18M2G7D	27D	22.71
40	20	2310	2390	0.1866	0.0200	ppm	18M2G7D	27D	22.71
40	20	2310	2390	0.1866	0.0200	ppm	18M2G7D	27D	22.71
40	20	2310	2390	0.1483	0.0185	ppm	18M2W7D	27D	21.71
40	20	2310	2390	0.1483	0.0185	ppm	18M2W7D	27D	21.71
40	20	2310	2390	0.1483	0.0185	ppm	18M2W7D	27D	21.71
40	20	2310	2390	0.1483	0.0185	ppm	18M2W7D	27D	21.71
40	20	2310	2390	0.1483	0.0185	ppm	18M2W7D	27D	21.71
40	20	2310	2390	0.1483	0.0185	ppm	18M2W7D	27D	21.71
40	20	2310	2390	0.1483	0.0185	ppm	18M2W7D	27D	21.71

7.2 Form731_EIRP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
40	5	2302.5	2397.5	0.2541	0.0214	ppm	4M57G7D	27D	24.05
40	5	2302.5	2397.5	0.2541	0.0214	ppm	4M57G7D	27D	24.05
40	5	2302.5	2397.5	0.2541	0.0214	ppm	4M57G7D	27D	24.05
40	5	2302.5	2397.5	0.2541	0.0214	ppm	4M57G7D	27D	24.05
40	5	2302.5	2397.5	0.2541	0.0214	ppm	4M57G7D	27D	24.05
40	5	2302.5	2397.5	0.2541	0.0214	ppm	4M57G7D	27D	24.05
40	5	2302.5	2397.5	0.2541	0.0212	ppm	4M57G7D	27D	24.05
40	5	2302.5	2397.5	0.1841	0.0212	ppm	4M60W7D	27D	22.65
40	5	2302.5	2397.5	0.1841	0.0212	ppm	4M60W7D	27D	22.65
40	5	2302.5	2397.5	0.1841	0.0212	ppm	4M60W7D	27D	22.65
40	5	2302.5	2397.5	0.1841	0.0212	ppm	4M60W7D	27D	22.65
40	5	2302.5	2397.5	0.1841	0.0212	ppm	4M60W7D	27D	22.65
40	5	2302.5	2397.5	0.1841	0.0212	ppm	4M60W7D	27D	22.65
40	5	2302.5	2397.5	0.1841	0.0212	ppm	4M60W7D	27D	22.65
40	10	2305	2395	0.2249	0.0228	ppm	9M12G7D	27D	23.52
40	10	2305	2395	0.2249	0.0228	ppm	9M12G7D	27D	23.52
40	10	2305	2395	0.2249	0.0228	ppm	9M12G7D	27D	23.52
40	10	2305	2395	0.2249	0.0228	ppm	9M12G7D	27D	23.52
40	10	2305	2395	0.2249	0.0228	ppm	9M12G7D	27D	23.52
40	10	2305	2395	0.2249	0.0228	ppm	9M12G7D	27D	23.52
40	10	2305	2395	0.2249	0.0228	ppm	9M12G7D	27D	23.52
40	10	2305	2395	0.1730	0.0231	ppm	9M09W7D	27D	22.38
40	10	2305	2395	0.1730	0.0231	ppm	9M09W7D	27D	22.38
40	10	2305	2395	0.1730	0.0231	ppm	9M09W7D	27D	22.38
40	10	2305	2395	0.1730	0.0231	ppm	9M09W7D	27D	22.38
40	10	2305	2395	0.1730	0.0231	ppm	9M09W7D	27D	22.38
40	10	2305	2395	0.1730	0.0231	ppm	9M09W7D	27D	22.38
40	10	2305	2395	0.1730	0.0231	ppm	9M09W7D	27D	22.38
40	15	2307.5	2392.5	0.2223	0.0254	ppm	13M6G7D	27D	23.47
40	15	2307.5	2392.5	0.2223	0.0254	ppm	13M6G7D	27D	23.47
40	15	2307.5	2392.5	0.2223	0.0254	ppm	13M6G7D	27D	23.47
40	15	2307.5	2392.5	0.2223	0.0254	ppm	13M6G7D	27D	23.47
40	15	2307.5	2392.5	0.2223	0.0254	ppm	13M6G7D	27D	23.47
40	15	2307.5	2392.5	0.2223	0.0254	ppm	13M6G7D	27D	23.47
40	15	2307.5	2392.5	0.2223	0.0254	ppm	13M6G7D	27D	23.47
40	15	2307.5	2392.5	0.1766	0.0198	ppm	13M7W7D	27D	22.47
40	15	2307.5	2392.5	0.1766	0.0198	ppm	13M7W7D	27D	22.47

[illegible]