

1. Effective (Isotropic) Radiated Power Output Data

1.1 B38_5MHz_EIRP

1.1.1 Test Result

Band: 38 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2572.5	1	0	22.58	0.72	23.30	<=33.01	Pass
			13	22.64	0.72	23.36	<=33.01	Pass
			24	22.56	0.72	23.28	<=33.01	Pass
		12	0	21.54	0.72	22.26	<=33.01	Pass
			6	21.70	0.72	22.42	<=33.01	Pass
			13	21.65	0.72	22.37	<=33.01	Pass
		25	0	21.68	0.72	22.40	<=33.01	Pass
	2595	1	0	22.59	0.72	23.31	<=33.01	Pass
			13	22.69	0.72	23.41	<=33.01	Pass
			24	22.55	0.72	23.27	<=33.01	Pass
		12	0	21.44	0.72	22.16	<=33.01	Pass
			6	21.61	0.72	22.33	<=33.01	Pass
			13	21.52	0.72	22.24	<=33.01	Pass
		25	0	21.40	0.72	22.12	<=33.01	Pass
	2617.5	1	0	22.23	0.72	22.95	<=33.01	Pass
			13	22.29	0.72	23.01	<=33.01	Pass
			24	22.43	0.72	23.15	<=33.01	Pass
		12	0	21.22	0.72	21.94	<=33.01	Pass
			6	21.31	0.72	22.03	<=33.01	Pass
			13	21.41	0.72	22.13	<=33.01	Pass
		25	0	21.41	0.72	22.13	<=33.01	Pass
16QAM	2572.5	1	0	21.56	0.72	22.28	<=33.01	Pass
			13	21.77	0.72	22.49	<=33.01	Pass
			24	21.71	0.72	22.43	<=33.01	Pass
		12	0	20.58	0.72	21.30	<=33.01	Pass
			6	20.76	0.72	21.48	<=33.01	Pass
			13	20.55	0.72	21.27	<=33.01	Pass
		25	0	20.77	0.72	21.49	<=33.01	Pass
	2595	1	0	21.83	0.72	22.55	<=33.01	Pass
			13	21.49	0.72	22.21	<=33.01	Pass
			24	21.75	0.72	22.47	<=33.01	Pass
		12	0	20.46	0.72	21.18	<=33.01	Pass
			6	20.51	0.72	21.23	<=33.01	Pass
			13	20.56	0.72	21.28	<=33.01	Pass
		25	0	20.45	0.72	21.17	<=33.01	Pass
	2617.5	1	0	21.28	0.72	22.00	<=33.01	Pass
			13	21.56	0.72	22.28	<=33.01	Pass
			24	21.40	0.72	22.12	<=33.01	Pass
		12	0	20.37	0.72	21.09	<=33.01	Pass
			6	20.43	0.72	21.15	<=33.01	Pass
			13	20.38	0.72	21.10	<=33.01	Pass
		25	0	20.46	0.72	21.18	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B38_10MHz_EIRP

1.2.1 Test Result

Band: 38 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2575	1	0	22.69	0.72	23.41	<=33.01	Pass
			25	22.77	0.72	23.49	<=33.01	Pass
			49	22.60	0.72	23.32	<=33.01	Pass
		25	0	21.64	0.72	22.36	<=33.01	Pass
			13	21.68	0.72	22.40	<=33.01	Pass
			25	21.58	0.72	22.30	<=33.01	Pass
		50	0	21.69	0.72	22.41	<=33.01	Pass
	2595	1	0	22.52	0.72	23.24	<=33.01	Pass
			25	22.46	0.72	23.18	<=33.01	Pass
			49	22.61	0.72	23.33	<=33.01	Pass
		25	0	21.61	0.72	22.33	<=33.01	Pass
			13	21.46	0.72	22.18	<=33.01	Pass
			25	21.54	0.72	22.26	<=33.01	Pass
		50	0	21.45	0.72	22.17	<=33.01	Pass
	2615	1	0	22.34	0.72	23.06	<=33.01	Pass
			25	22.60	0.72	23.32	<=33.01	Pass
			49	22.36	0.72	23.08	<=33.01	Pass
		25	0	21.28	0.72	22.00	<=33.01	Pass
			13	21.30	0.72	22.02	<=33.01	Pass
			25	21.32	0.72	22.04	<=33.01	Pass
		50	0	21.31	0.72	22.03	<=33.01	Pass
16QAM	2575	1	0	21.49	0.72	22.21	<=33.01	Pass
			25	21.73	0.72	22.45	<=33.01	Pass
			49	21.67	0.72	22.39	<=33.01	Pass
		25	0	20.64	0.72	21.36	<=33.01	Pass
			13	20.69	0.72	21.41	<=33.01	Pass
			25	20.70	0.72	21.42	<=33.01	Pass
		50	0	20.60	0.72	21.32	<=33.01	Pass
	2595	1	0	21.20	0.72	21.92	<=33.01	Pass
			25	21.84	0.72	22.56	<=33.01	Pass
			49	21.41	0.72	22.13	<=33.01	Pass
		25	0	20.55	0.72	21.27	<=33.01	Pass
			13	20.63	0.72	21.35	<=33.01	Pass
			25	20.56	0.72	21.28	<=33.01	Pass
	50	0	20.47	0.72	21.19	<=33.01	Pass	
	2615	1	0	21.18	0.72	21.90	<=33.01	Pass
			25	21.35	0.72	22.07	<=33.01	Pass
			49	21.22	0.72	21.94	<=33.01	Pass
		25	0	20.46	0.72	21.18	<=33.01	Pass
13			20.47	0.72	21.19	<=33.01	Pass	
25			20.39	0.72	21.11	<=33.01	Pass	
50		0	20.35	0.72	21.07	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B38_15MHz_EIRP

1.3.1 Test Result

Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit		
QPSK	2577.5	1	0	23.05	0.72	23.77	<=33.01	Pass	
			38	22.77	0.72	23.49	<=33.01	Pass	
			74	22.61	0.72	23.33	<=33.01	Pass	
		36	0	21.59	0.72	22.31	<=33.01	Pass	
			18	21.52	0.72	22.24	<=33.01	Pass	
			39	21.64	0.72	22.36	<=33.01	Pass	
		75	0	21.64	0.72	22.36	<=33.01	Pass	
		2595	1	0	23.15	0.72	23.87	<=33.01	Pass
				38	22.55	0.72	23.27	<=33.01	Pass
	74			22.51	0.72	23.23	<=33.01	Pass	
	36		0	21.43	0.72	22.15	<=33.01	Pass	
			18	21.44	0.72	22.16	<=33.01	Pass	
			39	21.47	0.72	22.19	<=33.01	Pass	
	75		0	21.53	0.72	22.25	<=33.01	Pass	
	2612.5		1	0	22.78	0.72	23.50	<=33.01	Pass
				38	22.39	0.72	23.11	<=33.01	Pass
		74		22.27	0.72	22.99	<=33.01	Pass	
		36	0	21.20	0.72	21.92	<=33.01	Pass	
			18	21.31	0.72	22.03	<=33.01	Pass	
			39	21.27	0.72	21.99	<=33.01	Pass	
		75	0	21.43	0.72	22.15	<=33.01	Pass	
16QAM		2577.5	1	0	22.32	0.72	23.04	<=33.01	Pass
				38	22.00	0.72	22.72	<=33.01	Pass
	74			21.92	0.72	22.64	<=33.01	Pass	
	36		0	20.50	0.72	21.22	<=33.01	Pass	
			18	20.55	0.72	21.27	<=33.01	Pass	
			39	20.56	0.72	21.28	<=33.01	Pass	
	75		0	20.53	0.72	21.25	<=33.01	Pass	
	2595	1	0	21.83	0.72	22.55	<=33.01	Pass	
			38	21.43	0.72	22.15	<=33.01	Pass	
			74	21.19	0.72	21.91	<=33.01	Pass	
		36	0	20.48	0.72	21.20	<=33.01	Pass	
			18	20.50	0.72	21.22	<=33.01	Pass	
			39	20.40	0.72	21.12	<=33.01	Pass	
		75	0	20.56	0.72	21.28	<=33.01	Pass	
	2612.5	1	0	21.68	0.72	22.40	<=33.01	Pass	
			38	21.31	0.72	22.03	<=33.01	Pass	
			74	21.16	0.72	21.88	<=33.01	Pass	
		36	0	20.27	0.72	20.99	<=33.01	Pass	
			18	20.47	0.72	21.19	<=33.01	Pass	
			39	20.33	0.72	21.05	<=33.01	Pass	
		75	0	20.32	0.72	21.04	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.4 B38_20MHz_EIRP

1.4.1 Test Result

Band: 38 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2580	1	0	22.57	0.72	23.29	<=33.01	Pass
			50	22.61	0.72	23.33	<=33.01	Pass
			99	22.44	0.72	23.16	<=33.01	Pass
		50	0	21.44	0.72	22.16	<=33.01	Pass

16QAM	2595	100	25	21.75	0.72	22.47	<=33.01	Pass
			50	21.65	0.72	22.37	<=33.01	Pass
			0	21.48	0.72	22.20	<=33.01	Pass
		1	0	22.55	0.72	23.27	<=33.01	Pass
			50	22.50	0.72	23.22	<=33.01	Pass
			99	22.29	0.72	23.01	<=33.01	Pass
		50	0	21.61	0.72	22.33	<=33.01	Pass
			25	21.50	0.72	22.22	<=33.01	Pass
			50	21.51	0.72	22.23	<=33.01	Pass
		100	0	21.40	0.72	22.12	<=33.01	Pass
	2610	1	0	22.22	0.72	22.94	<=33.01	Pass
			50	22.40	0.72	23.12	<=33.01	Pass
			99	22.25	0.72	22.97	<=33.01	Pass
		50	0	21.37	0.72	22.09	<=33.01	Pass
			25	21.47	0.72	22.19	<=33.01	Pass
			50	21.29	0.72	22.01	<=33.01	Pass
		100	0	21.25	0.72	21.97	<=33.01	Pass
	2580	1	0	21.01	0.72	21.73	<=33.01	Pass
			50	21.80	0.72	22.52	<=33.01	Pass
			99	21.64	0.72	22.36	<=33.01	Pass
		50	0	20.50	0.72	21.22	<=33.01	Pass
			25	20.73	0.72	21.45	<=33.01	Pass
			50	20.69	0.72	21.41	<=33.01	Pass
		100	0	20.54	0.72	21.26	<=33.01	Pass
	2595	1	0	21.22	0.72	21.94	<=33.01	Pass
			50	21.27	0.72	21.99	<=33.01	Pass
			99	21.41	0.72	22.13	<=33.01	Pass
		50	0	20.69	0.72	21.41	<=33.01	Pass
			25	20.65	0.72	21.37	<=33.01	Pass
			50	20.57	0.72	21.29	<=33.01	Pass
		100	0	20.55	0.72	21.27	<=33.01	Pass
	2610	1	0	21.17	0.72	21.89	<=33.01	Pass
			50	21.32	0.72	22.04	<=33.01	Pass
			99	21.13	0.72	21.85	<=33.01	Pass
		50	0	20.39	0.72	21.11	<=33.01	Pass
			25	20.51	0.72	21.23	<=33.01	Pass
			50	20.45	0.72	21.17	<=33.01	Pass
		100	0	20.30	0.72	21.02	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 B38_5MHz

2.1.1 Test Result

Band: 38 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2572.5	25	0	20	3.27	25.606	0.0100	-2.5 to 2.5	Pass
					3.85	17.209	0.0067	-2.5 to 2.5	Pass
					4.43	35.491	0.0138	-2.5 to 2.5	Pass
				-30	3.85	18.325	0.0071	-2.5 to 2.5	Pass
				-20	3.85	36.120	0.0140	-2.5 to 2.5	Pass
				-10	3.85	-17.724	-0.0069	-2.5 to 2.5	Pass

				0	3.85	2.761	0.0011	-2.5 to 2.5	Pass
				10	3.85	9.084	0.0035	-2.5 to 2.5	Pass
				30	3.85	25.406	0.0099	-2.5 to 2.5	Pass
				40	3.85	24.118	0.0094	-2.5 to 2.5	Pass
				50	3.85	33.832	0.0132	-2.5 to 2.5	Pass
	2595	25	0	20	3.27	14.648	0.0056	-2.5 to 2.5	Pass
					3.85	19.197	0.0074	-2.5 to 2.5	Pass
					4.43	12.302	0.0047	-2.5 to 2.5	Pass
				-30	3.85	6.051	0.0023	-2.5 to 2.5	Pass
				-20	3.85	12.817	0.0049	-2.5 to 2.5	Pass
				-10	3.85	10.428	0.0040	-2.5 to 2.5	Pass
				0	3.85	2.990	0.0012	-2.5 to 2.5	Pass
				10	3.85	1.688	0.0007	-2.5 to 2.5	Pass
				30	3.85	2.046	0.0008	-2.5 to 2.5	Pass
				40	3.85	-14.906	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-0.486	-0.0002	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.27	24.848	0.0095	-2.5 to 2.5	Pass
					3.85	40.770	0.0156	-2.5 to 2.5	Pass
					4.43	25.849	0.0099	-2.5 to 2.5	Pass
				-30	3.85	31.414	0.0120	-2.5 to 2.5	Pass
				-20	3.85	17.738	0.0068	-2.5 to 2.5	Pass
				-10	3.85	6.323	0.0024	-2.5 to 2.5	Pass
				0	3.85	0.315	0.0001	-2.5 to 2.5	Pass
				10	3.85	-3.247	-0.0012	-2.5 to 2.5	Pass
				30	3.85	8.726	0.0033	-2.5 to 2.5	Pass
				40	3.85	-9.313	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-13.947	-0.0053	-2.5 to 2.5	Pass
16QAM	2572.5	25	0	20	3.27	22.101	0.0086	-2.5 to 2.5	Pass
					3.85	36.635	0.0142	-2.5 to 2.5	Pass
					4.43	5.922	0.0023	-2.5 to 2.5	Pass
				-30	3.85	31.142	0.0121	-2.5 to 2.5	Pass
				-20	3.85	38.309	0.0149	-2.5 to 2.5	Pass
				-10	3.85	17.838	0.0069	-2.5 to 2.5	Pass
				0	3.85	30.627	0.0119	-2.5 to 2.5	Pass
				10	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				30	3.85	24.362	0.0095	-2.5 to 2.5	Pass
				40	3.85	35.677	0.0139	-2.5 to 2.5	Pass
				50	3.85	-2.890	-0.0011	-2.5 to 2.5	Pass
	2595	25	0	20	3.27	-2.575	-0.0010	-2.5 to 2.5	Pass
					3.85	7.968	0.0031	-2.5 to 2.5	Pass
					4.43	19.584	0.0075	-2.5 to 2.5	Pass
				-30	3.85	13.332	0.0051	-2.5 to 2.5	Pass
				-20	3.85	33.832	0.0130	-2.5 to 2.5	Pass
				-10	3.85	41.156	0.0159	-2.5 to 2.5	Pass
				0	3.85	48.580	0.0187	-2.5 to 2.5	Pass
				10	3.85	18.296	0.0071	-2.5 to 2.5	Pass
				30	3.85	27.094	0.0104	-2.5 to 2.5	Pass
				40	3.85	26.522	0.0102	-2.5 to 2.5	Pass
				50	3.85	39.239	0.0151	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.27	1.459	0.0006	-2.5 to 2.5	Pass
					3.85	9.613	0.0037	-2.5 to 2.5	Pass
					4.43	22.845	0.0087	-2.5 to 2.5	Pass
				-30	3.85	24.676	0.0094	-2.5 to 2.5	Pass
				-20	3.85	42.171	0.0161	-2.5 to 2.5	Pass
				-10	3.85	38.438	0.0147	-2.5 to 2.5	Pass
				0	3.85	62.399	0.0238	-2.5 to 2.5	Pass
				10	3.85	27.967	0.0107	-2.5 to 2.5	Pass
				30	3.85	25.249	0.0096	-2.5 to 2.5	Pass

				40	3.85	30.985	0.0118	-2.5 to 2.5	Pass
				50	3.85	48.580	0.0186	-2.5 to 2.5	Pass

2.2 B38_10MHz

2.2.1 Test Result

Band: 38 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2575	50	0	20	3.27	21.801	0.0085	-2.5 to 2.5	Pass
					3.85	18.439	0.0072	-2.5 to 2.5	Pass
					4.43	-0.587	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-6.037	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-18.053	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-43.287	-0.0168	-2.5 to 2.5	Pass
				0	3.85	-47.636	-0.0185	-2.5 to 2.5	Pass
				10	3.85	-44.260	-0.0172	-2.5 to 2.5	Pass
				30	3.85	1.473	0.0006	-2.5 to 2.5	Pass
				40	3.85	-5.279	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-15.435	-0.0060	-2.5 to 2.5	Pass
	2595	50	0	20	3.27	43.945	0.0169	-2.5 to 2.5	Pass
					3.85	21.815	0.0084	-2.5 to 2.5	Pass
					4.43	19.827	0.0076	-2.5 to 2.5	Pass
				-30	3.85	-11.873	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-14.219	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-35.419	-0.0136	-2.5 to 2.5	Pass
				0	3.85	-46.506	-0.0179	-2.5 to 2.5	Pass
				10	3.85	-42.472	-0.0164	-2.5 to 2.5	Pass
				30	3.85	-30.584	-0.0118	-2.5 to 2.5	Pass
				40	3.85	-39.339	-0.0152	-2.5 to 2.5	Pass
				50	3.85	-45.304	-0.0175	-2.5 to 2.5	Pass
	2615	50	0	20	3.27	14.491	0.0055	-2.5 to 2.5	Pass
					3.85	11.687	0.0045	-2.5 to 2.5	Pass
					4.43	-8.726	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-28.353	-0.0108	-2.5 to 2.5	Pass
				-20	3.85	-32.701	-0.0125	-2.5 to 2.5	Pass
				-10	3.85	-46.005	-0.0176	-2.5 to 2.5	Pass
				0	3.85	2.990	0.0011	-2.5 to 2.5	Pass
				10	3.85	5.021	0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.275	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-8.798	-0.0034	-2.5 to 2.5	Pass
16QAM	2575	50	0	20	3.27	-8.526	-0.0033	-2.5 to 2.5	Pass
					3.85	1.101	0.0004	-2.5 to 2.5	Pass
					4.43	13.318	0.0052	-2.5 to 2.5	Pass
				-30	3.85	15.750	0.0061	-2.5 to 2.5	Pass
				-20	3.85	24.648	0.0096	-2.5 to 2.5	Pass
				-10	3.85	28.667	0.0111	-2.5 to 2.5	Pass
				0	3.85	36.793	0.0143	-2.5 to 2.5	Pass
				10	3.85	37.766	0.0147	-2.5 to 2.5	Pass
				30	3.85	43.316	0.0168	-2.5 to 2.5	Pass
				40	3.85	0.830	0.0003	-2.5 to 2.5	Pass
				50	3.85	-6.566	-0.0025	-2.5 to 2.5	Pass
	2595	50	0	20	3.27	-13.719	-0.0053	-2.5 to 2.5	Pass
					3.85	0.329	0.0001	-2.5 to 2.5	Pass

					4.43	11.444	0.0044	-2.5 to 2.5	Pass
				-30	3.85	6.723	0.0026	-2.5 to 2.5	Pass
				-20	3.85	23.675	0.0091	-2.5 to 2.5	Pass
				-10	3.85	16.279	0.0063	-2.5 to 2.5	Pass
				0	3.85	21.429	0.0083	-2.5 to 2.5	Pass
				10	3.85	27.781	0.0107	-2.5 to 2.5	Pass
				30	3.85	30.541	0.0118	-2.5 to 2.5	Pass
				40	3.85	40.555	0.0156	-2.5 to 2.5	Pass
				50	3.85	44.389	0.0171	-2.5 to 2.5	Pass
	2615	50	0	20	3.27	-23.460	-0.0090	-2.5 to 2.5	Pass
					3.85	-14.420	-0.0055	-2.5 to 2.5	Pass
					4.43	-5.708	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-9.799	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-2.418	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	5.064	0.0019	-2.5 to 2.5	Pass
				0	3.85	7.353	0.0028	-2.5 to 2.5	Pass
				10	3.85	13.533	0.0052	-2.5 to 2.5	Pass
				30	3.85	7.939	0.0030	-2.5 to 2.5	Pass
				40	3.85	13.289	0.0051	-2.5 to 2.5	Pass
				50	3.85	9.041	0.0035	-2.5 to 2.5	Pass

2.3 B38_15MHz

2.3.1 Test Result

Band: 38 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2577.5	75	0	20	3.27	38.009	0.0147	-2.5 to 2.5	Pass
					3.85	24.705	0.0096	-2.5 to 2.5	Pass
					4.43	21.944	0.0085	-2.5 to 2.5	Pass
				-30	3.85	7.467	0.0029	-2.5 to 2.5	Pass
				-20	3.85	-6.094	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-12.760	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-26.665	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-26.565	-0.0103	-2.5 to 2.5	Pass
				30	3.85	-48.065	-0.0186	-2.5 to 2.5	Pass
				40	3.85	-50.025	-0.0194	-2.5 to 2.5	Pass
				50	3.85	-41.456	-0.0161	-2.5 to 2.5	Pass
	2595	75	0	20	3.27	20.585	0.0079	-2.5 to 2.5	Pass
					3.85	16.851	0.0065	-2.5 to 2.5	Pass
					4.43	8.612	0.0033	-2.5 to 2.5	Pass
				-30	3.85	-24.676	-0.0095	-2.5 to 2.5	Pass
				-20	3.85	-41.385	-0.0159	-2.5 to 2.5	Pass
				-10	3.85	-54.073	-0.0208	-2.5 to 2.5	Pass
				0	3.85	-11.888	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-26.851	-0.0103	-2.5 to 2.5	Pass
				30	3.85	-46.735	-0.0180	-2.5 to 2.5	Pass
				40	3.85	-40.741	-0.0157	-2.5 to 2.5	Pass
				50	3.85	-45.104	-0.0174	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.27	4.377	0.0017	-2.5 to 2.5	Pass
					3.85	-24.920	-0.0095	-2.5 to 2.5	Pass
					4.43	-36.778	-0.0141	-2.5 to 2.5	Pass
				-30	3.85	-42.057	-0.0161	-2.5 to 2.5	Pass
				-20	3.85	5.007	0.0019	-2.5 to 2.5	Pass
				-10	3.85	-9.499	-0.0036	-2.5 to 2.5	Pass

				0	3.85	-19.498	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-25.134	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-27.423	-0.0105	-2.5 to 2.5	Pass
				40	3.85	-43.044	-0.0165	-2.5 to 2.5	Pass
				50	3.85	-43.674	-0.0167	-2.5 to 2.5	Pass
16QAM	2577.5	75	0	20	3.27	-44.746	-0.0174	-2.5 to 2.5	Pass
					3.85	-43.774	-0.0170	-2.5 to 2.5	Pass
					4.43	-25.978	-0.0101	-2.5 to 2.5	Pass
				-30	3.85	-21.315	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-14.863	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	0.501	0.0002	-2.5 to 2.5	Pass
				0	3.85	3.262	0.0013	-2.5 to 2.5	Pass
				10	3.85	2.789	0.0011	-2.5 to 2.5	Pass
				30	3.85	8.440	0.0033	-2.5 to 2.5	Pass
				40	3.85	24.433	0.0095	-2.5 to 2.5	Pass
				50	3.85	15.078	0.0058	-2.5 to 2.5	Pass
	2595	75	0	20	3.27	9.255	0.0036	-2.5 to 2.5	Pass
					3.85	15.593	0.0060	-2.5 to 2.5	Pass
					4.43	20.542	0.0079	-2.5 to 2.5	Pass
				-30	3.85	24.247	0.0093	-2.5 to 2.5	Pass
				-20	3.85	34.547	0.0133	-2.5 to 2.5	Pass
				-10	3.85	37.322	0.0144	-2.5 to 2.5	Pass
				0	3.85	44.403	0.0171	-2.5 to 2.5	Pass
				10	3.85	46.134	0.0178	-2.5 to 2.5	Pass
				30	3.85	-20.843	-0.0080	-2.5 to 2.5	Pass
				40	3.85	-12.546	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-15.392	-0.0059	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.27	-47.736	-0.0183	-2.5 to 2.5	Pass
					3.85	-45.905	-0.0176	-2.5 to 2.5	Pass
					4.43	-39.368	-0.0151	-2.5 to 2.5	Pass
				-30	3.85	-28.424	-0.0109	-2.5 to 2.5	Pass
				-20	3.85	-26.321	-0.0101	-2.5 to 2.5	Pass
				-10	3.85	-18.768	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-15.192	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-5.221	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-8.740	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				50	3.85	-5.221	-0.0020	-2.5 to 2.5	Pass

2.4 B38_20MHz

2.4.1 Test Result

Band: 38 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2580	100	0	20	3.27	19.140	0.0074	-2.5 to 2.5	Pass
					3.85	10.586	0.0041	-2.5 to 2.5	Pass
					4.43	-12.932	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-21.257	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-21.729	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-46.320	-0.0180	-2.5 to 2.5	Pass
				0	3.85	-44.818	-0.0174	-2.5 to 2.5	Pass
				10	3.85	-30.971	-0.0120	-2.5 to 2.5	Pass
				30	3.85	-17.495	-0.0068	-2.5 to 2.5	Pass
				40	3.85	-36.592	-0.0142	-2.5 to 2.5	Pass

	2595	100	0	50	3.85	-30.956	-0.0120	-2.5 to 2.5	Pass
				20	3.27	31.128	0.0120	-2.5 to 2.5	Pass
					3.85	20.814	0.0080	-2.5 to 2.5	Pass
					4.43	-1.087	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-32.830	-0.0127	-2.5 to 2.5	Pass
				-20	3.85	-51.827	-0.0200	-2.5 to 2.5	Pass
				-10	3.85	-36.778	-0.0142	-2.5 to 2.5	Pass
				0	3.85	-34.275	-0.0132	-2.5 to 2.5	Pass
				10	3.85	-42.686	-0.0164	-2.5 to 2.5	Pass
				30	3.85	-55.532	-0.0214	-2.5 to 2.5	Pass
	2610	100	0	40	3.85	-3.262	-0.0013	-2.5 to 2.5	Pass
				50	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				20	3.27	34.246	0.0131	-2.5 to 2.5	Pass
					3.85	37.909	0.0145	-2.5 to 2.5	Pass
					4.43	4.706	0.0018	-2.5 to 2.5	Pass
				-30	3.85	3.848	0.0015	-2.5 to 2.5	Pass
				-20	3.85	-6.180	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-38.209	-0.0146	-2.5 to 2.5	Pass
				0	3.85	-56.705	-0.0217	-2.5 to 2.5	Pass
				10	3.85	-28.696	-0.0110	-2.5 to 2.5	Pass
16QAM	2580	100	0	30	3.85	-28.553	-0.0109	-2.5 to 2.5	Pass
				40	3.85	-39.139	-0.0150	-2.5 to 2.5	Pass
				50	3.85	-48.823	-0.0187	-2.5 to 2.5	Pass
				20	3.27	-35.248	-0.0137	-2.5 to 2.5	Pass
					3.85	-28.968	-0.0112	-2.5 to 2.5	Pass
					4.43	-24.619	-0.0095	-2.5 to 2.5	Pass
				-30	3.85	-9.012	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-0.343	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-2.689	-0.0010	-2.5 to 2.5	Pass
				0	3.85	7.739	0.0030	-2.5 to 2.5	Pass
	2595	100	0	10	3.85	13.475	0.0052	-2.5 to 2.5	Pass
				30	3.85	14.834	0.0057	-2.5 to 2.5	Pass
				40	3.85	13.790	0.0053	-2.5 to 2.5	Pass
				50	3.85	18.053	0.0070	-2.5 to 2.5	Pass
				20	3.27	-13.261	-0.0051	-2.5 to 2.5	Pass
					3.85	-2.775	-0.0011	-2.5 to 2.5	Pass
					4.43	3.862	0.0015	-2.5 to 2.5	Pass
				-30	3.85	2.747	0.0011	-2.5 to 2.5	Pass
				-20	3.85	22.345	0.0086	-2.5 to 2.5	Pass
				-10	3.85	28.453	0.0110	-2.5 to 2.5	Pass
	2610	100	0	0	3.85	26.879	0.0104	-2.5 to 2.5	Pass
				10	3.85	28.696	0.0111	-2.5 to 2.5	Pass
				30	3.85	27.423	0.0106	-2.5 to 2.5	Pass
				40	3.85	32.687	0.0126	-2.5 to 2.5	Pass
				50	3.85	39.811	0.0153	-2.5 to 2.5	Pass
				20	3.27	-35.920	-0.0138	-2.5 to 2.5	Pass
					3.85	-23.761	-0.0091	-2.5 to 2.5	Pass
					4.43	-14.977	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-10.142	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	3.090	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-0.515	-0.0002	-2.5 to 2.5	Pass
				10	3.85	11.473	0.0044	-2.5 to 2.5	Pass
				30	3.85	11.072	0.0042	-2.5 to 2.5	Pass
				40	3.85	16.508	0.0063	-2.5 to 2.5	Pass
				50	3.85	25.163	0.0096	-2.5 to 2.5	Pass

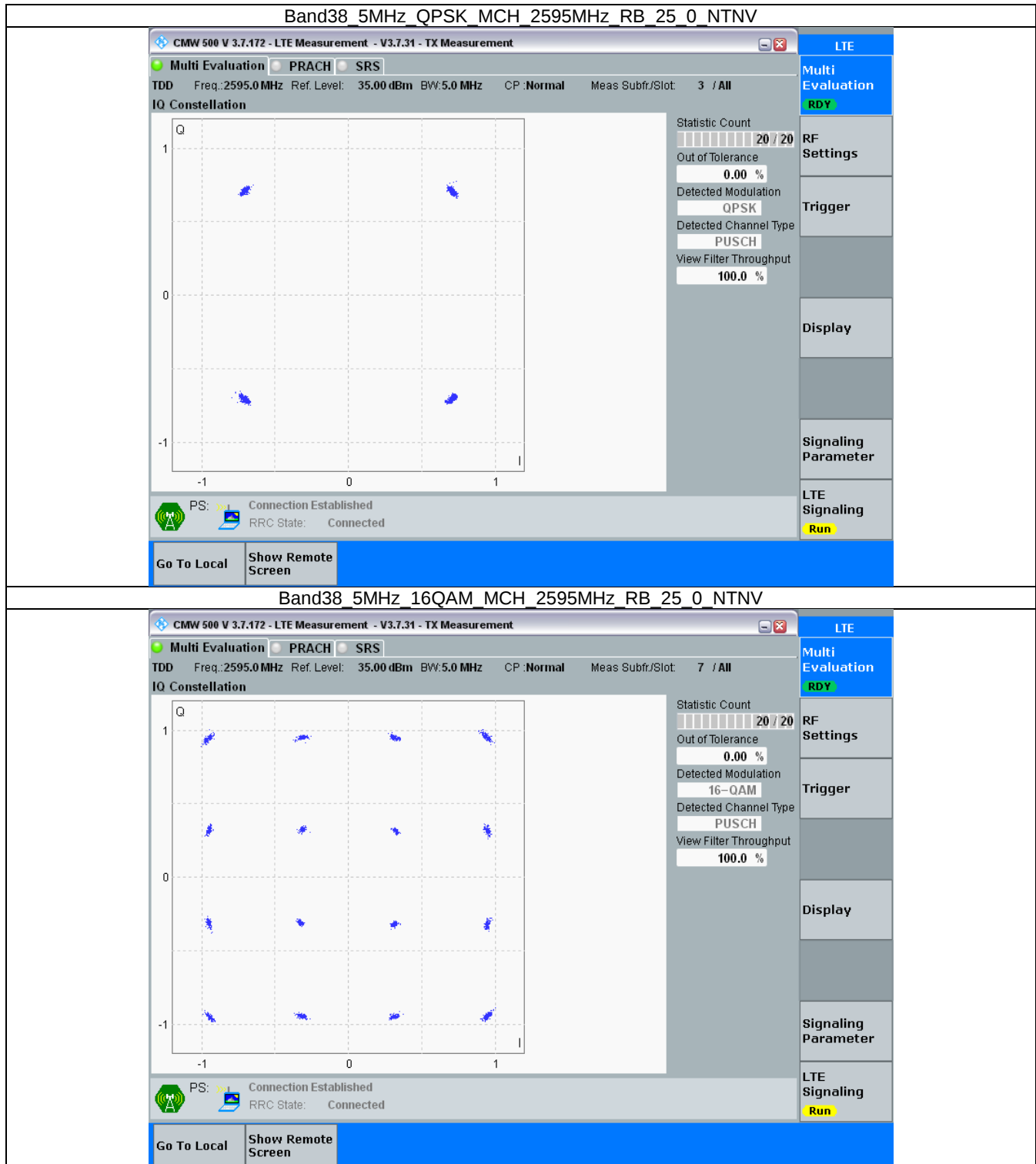
3. Modulation Characteristics

3.1 B38_5MHz

3.1.1 Test Result

Band: 38 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2595	25	0	Refer To Test Graph		Pass
16QAM	2595	25	0	Refer To Test Graph		Pass

3.1.2 Test Graph

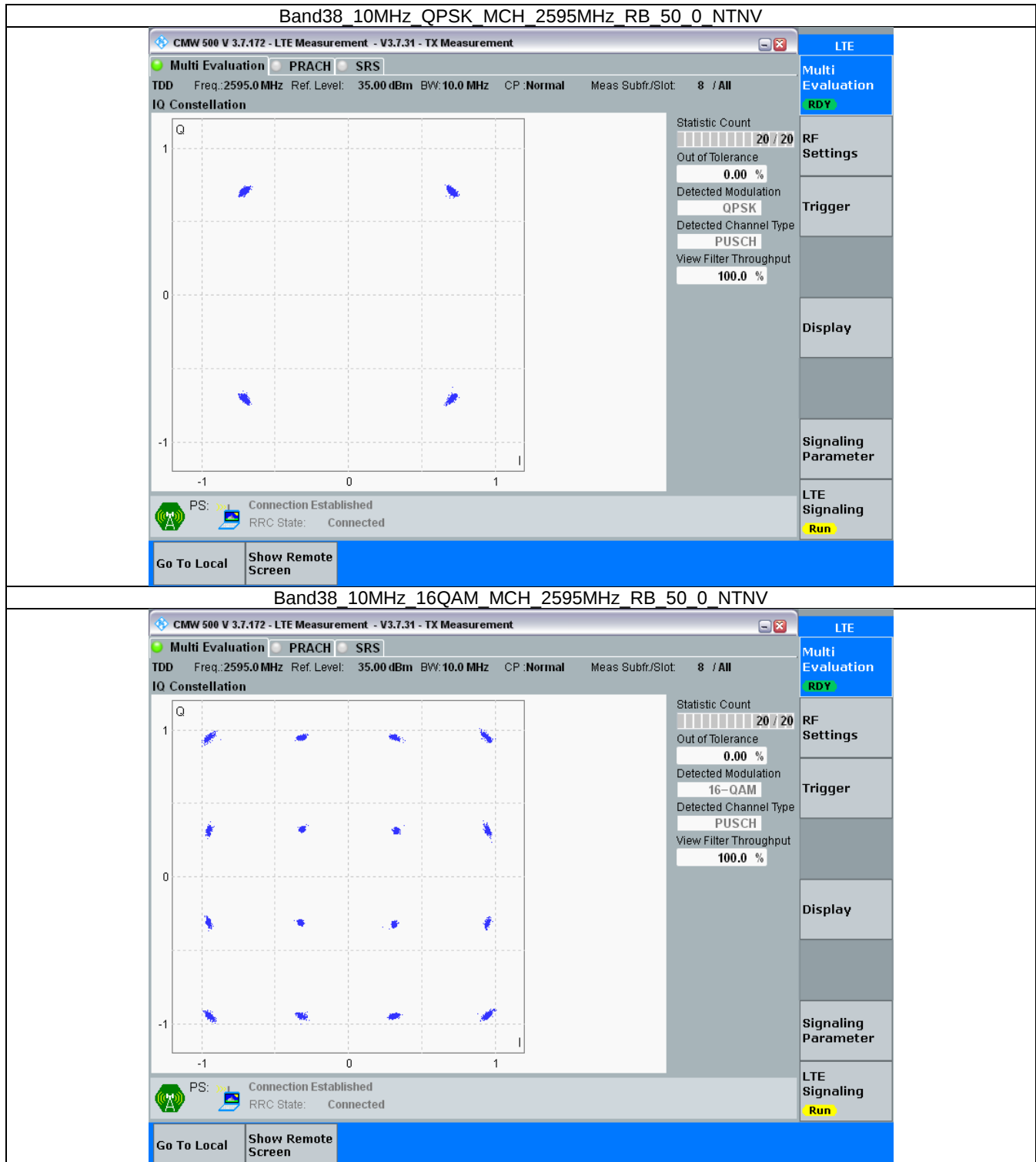


3.2 B38_10MHz

3.2.1 Test Result

Band: 38 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	2595	50	0	Refer To Test Graph	
16QAM	2595	50	0	Refer To Test Graph	
					Verdict
					Pass
					Pass

3.2.2 Test Graph

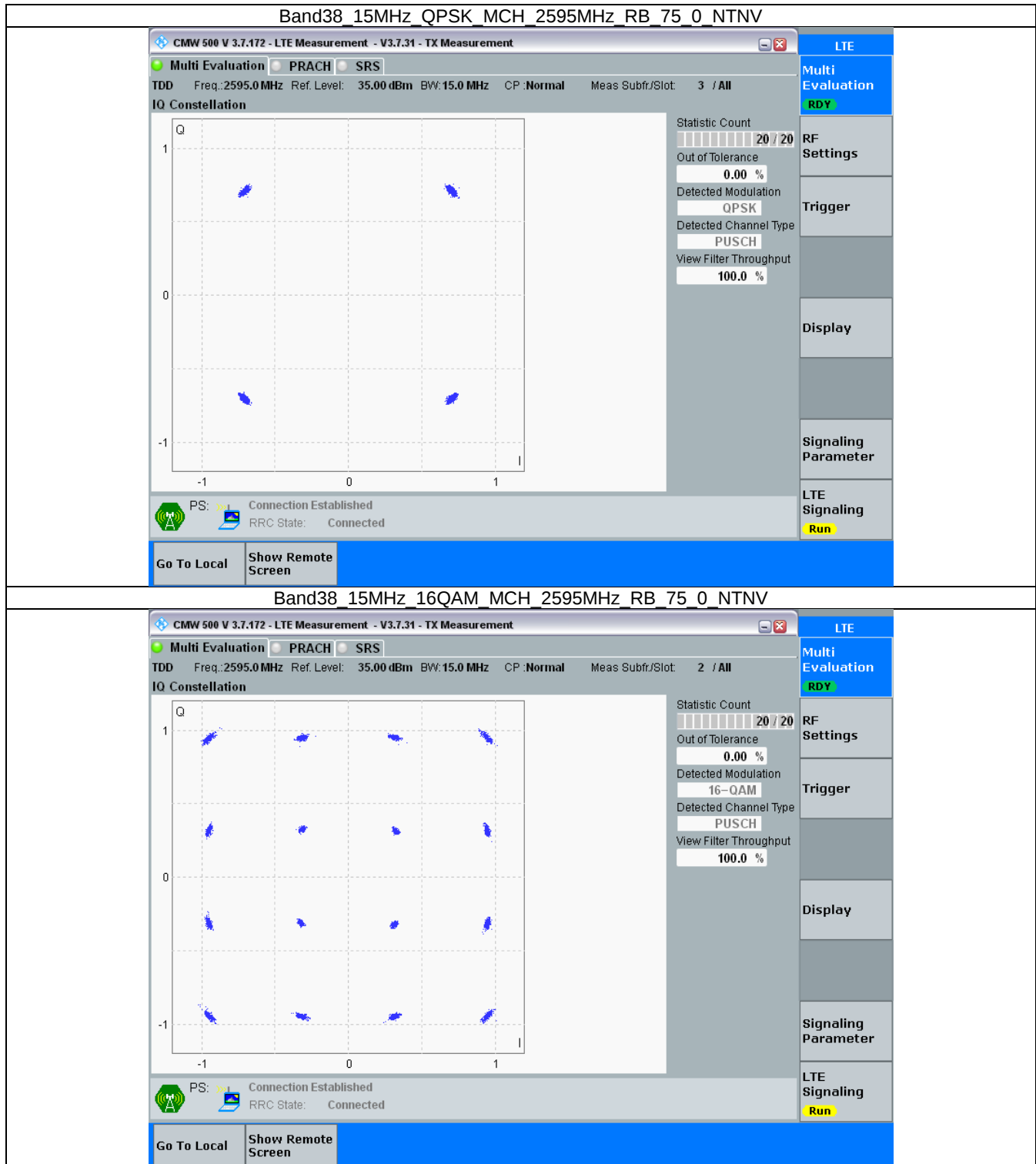


3.3 B38_15MHz

3.3.1 Test Result

Band: 38 / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	2595	75	0	Refer To Test Graph	
16QAM	2595	75	0	Refer To Test Graph	
					Verdict
					Pass
					Pass

3.3.2 Test Graph

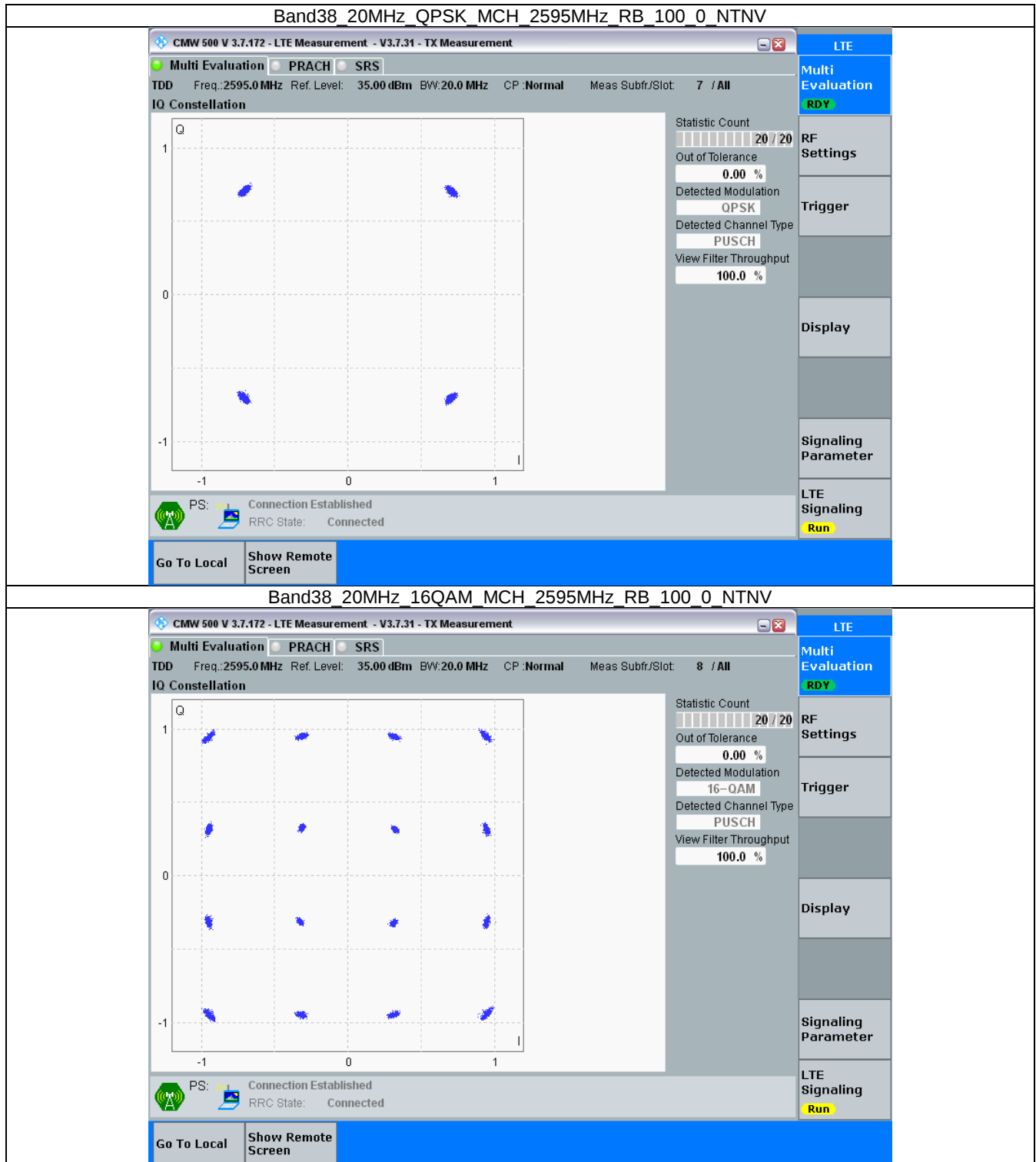


3.4 B38_20MHz

3.4.1 Test Result

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2595	100	0	Refer To Test Graph		Pass
16QAM	2595	100	0	Refer To Test Graph		Pass

3.4.2 Test Graph



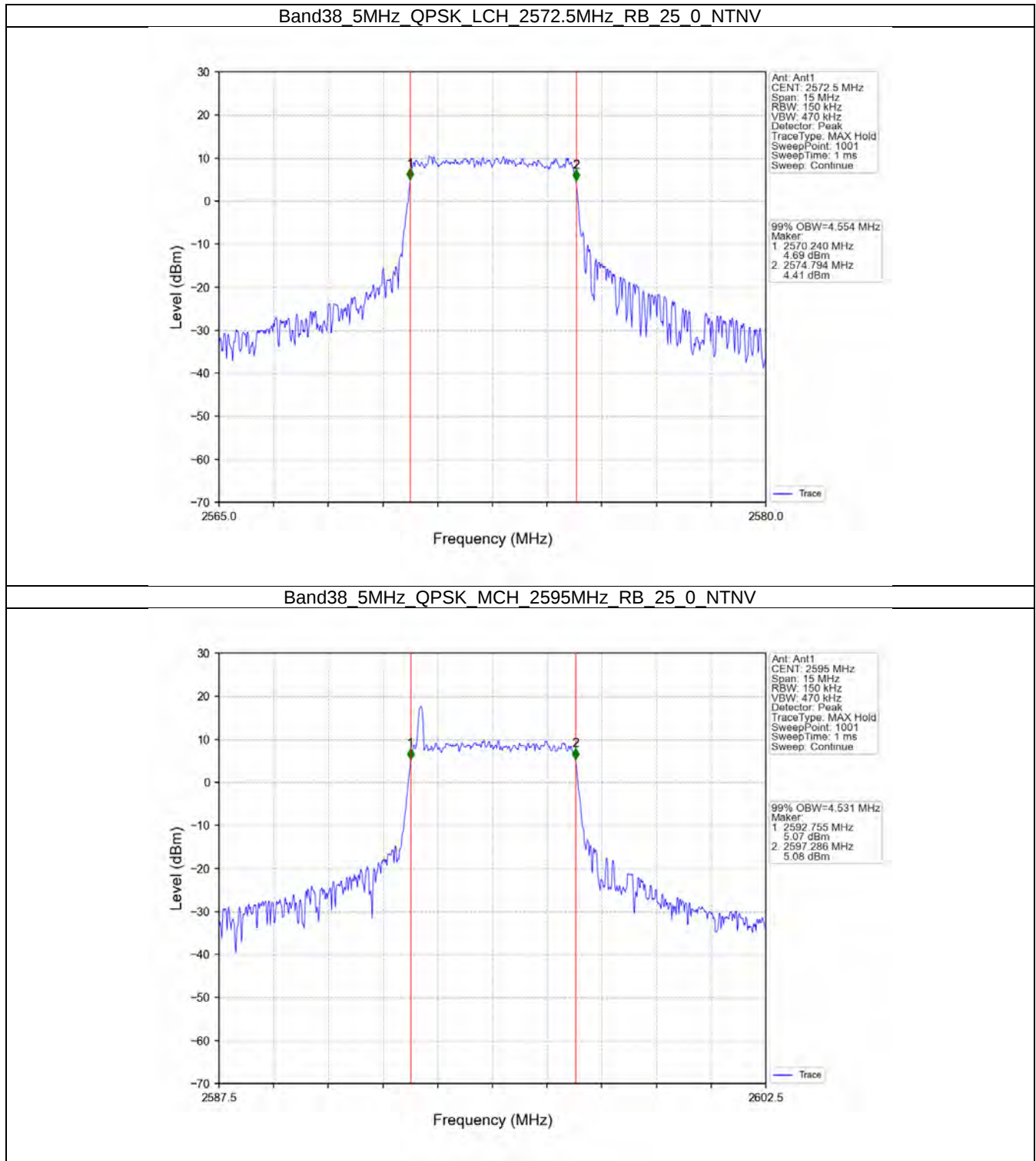
4. 99% & 26dB Bandwidth

4.1 Band38_OBW

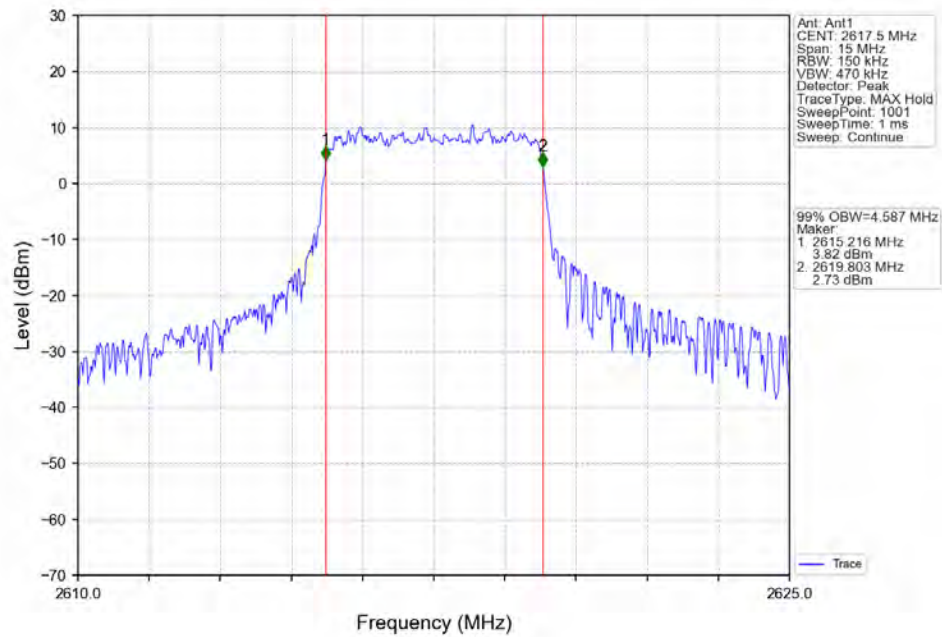
4.1.1 Test Result

Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	4.554	/	Pass
		2595	25	0	4.531	/	Pass
		2617.5	25	0	4.587	/	Pass
	16QAM	2572.5	25	0	4.562	/	Pass
		2595	25	0	4.613	/	Pass
		2617.5	25	0	4.583	/	Pass
10	QPSK	2575	50	0	9.068	/	Pass
		2595	50	0	9.125	/	Pass
		2615	50	0	9.065	/	Pass
	16QAM	2575	50	0	9.096	/	Pass
		2595	50	0	9.074	/	Pass
		2615	50	0	9.062	/	Pass
15	QPSK	2577.5	75	0	13.603	/	Pass
		2595	75	0	13.604	/	Pass
		2612.5	75	0	13.474	/	Pass
	16QAM	2577.5	75	0	13.604	/	Pass
		2595	75	0	13.675	/	Pass
		2612.5	75	0	13.616	/	Pass
20	QPSK	2580	100	0	18.130	/	Pass
		2595	100	0	18.137	/	Pass
		2610	100	0	18.105	/	Pass
	16QAM	2580	100	0	18.121	/	Pass
		2595	100	0	18.127	/	Pass
		2610	100	0	18.173	/	Pass

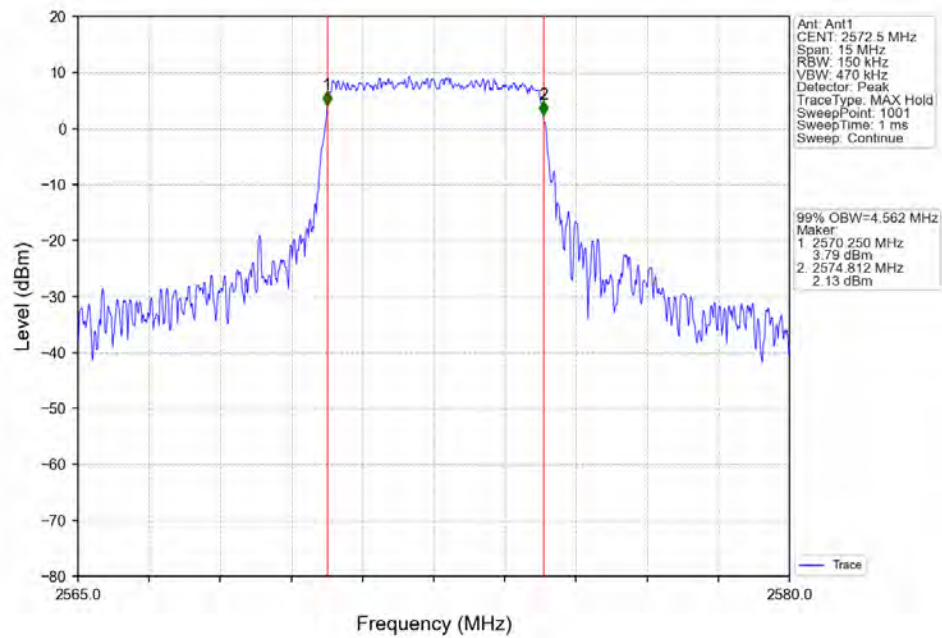
4.1.2 Test Graph



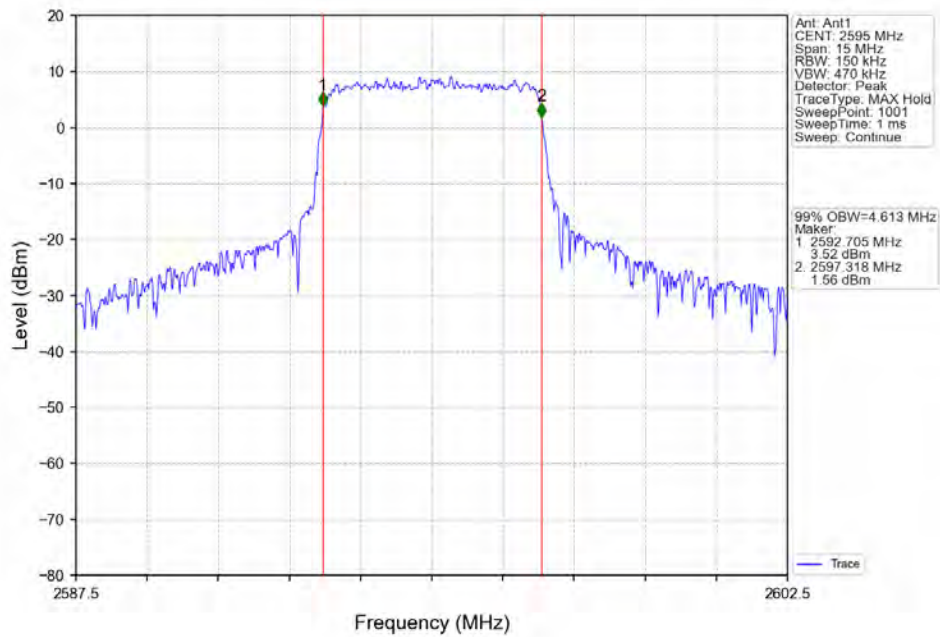
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



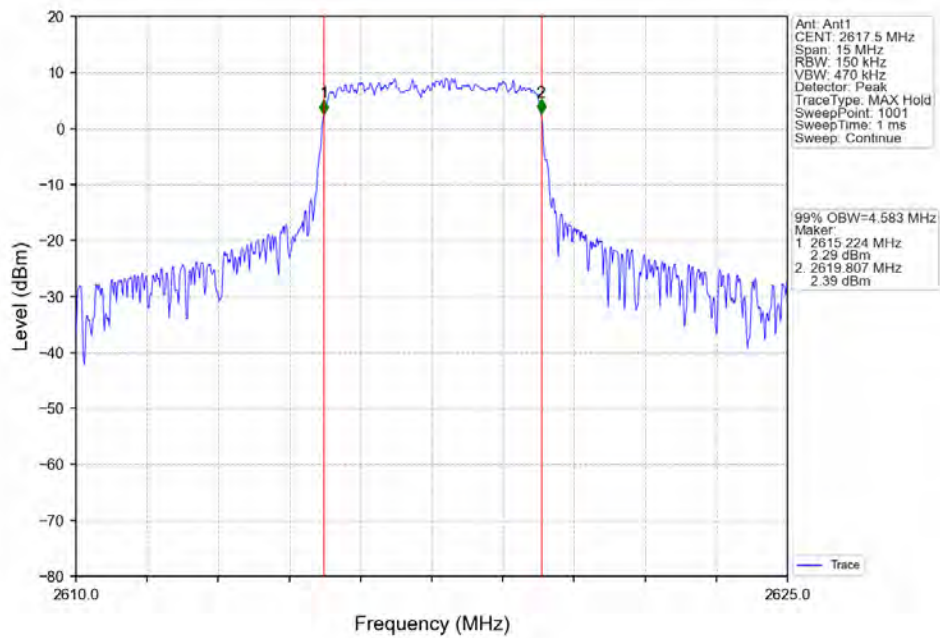
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



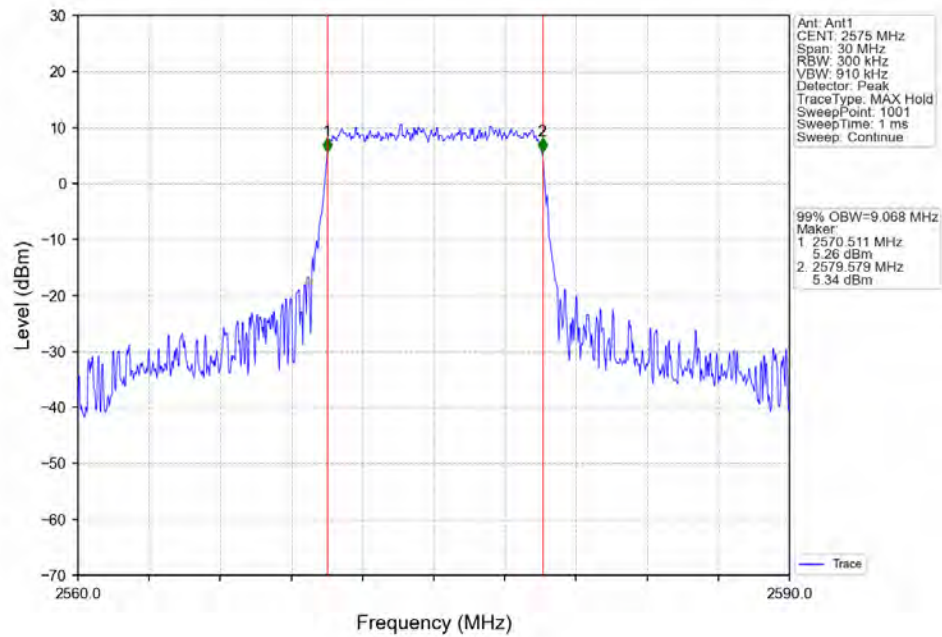
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



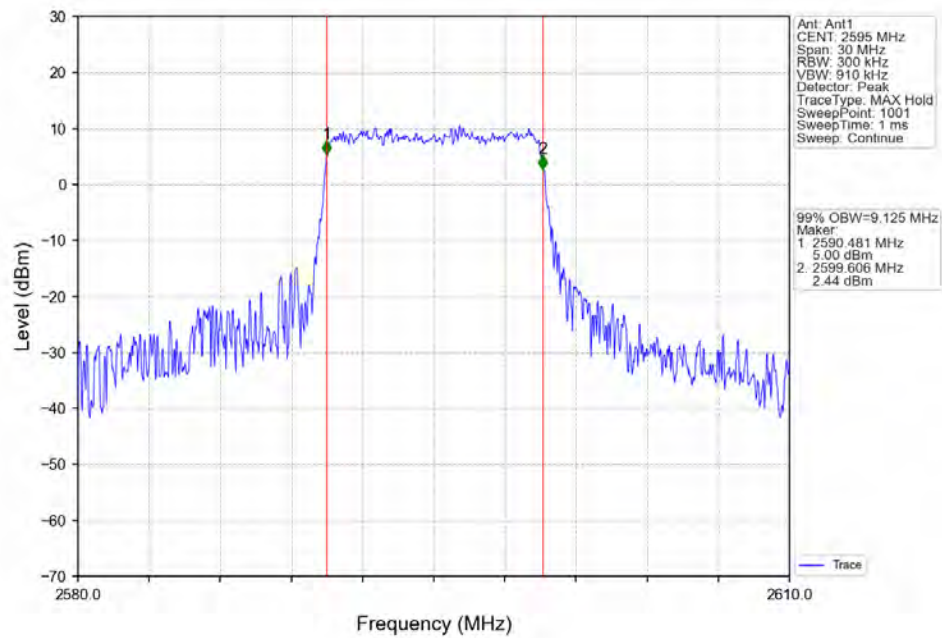
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



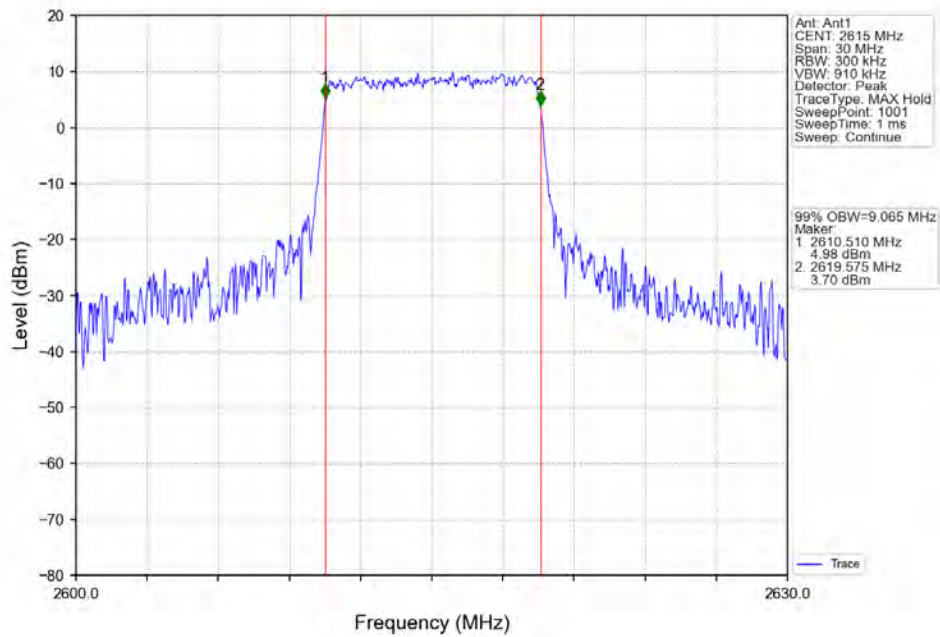
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



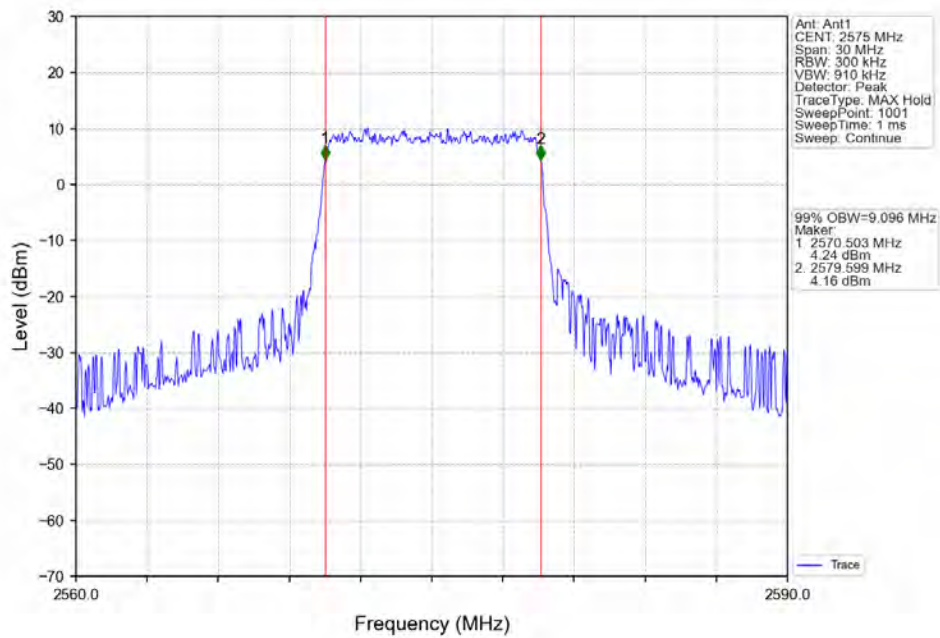
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



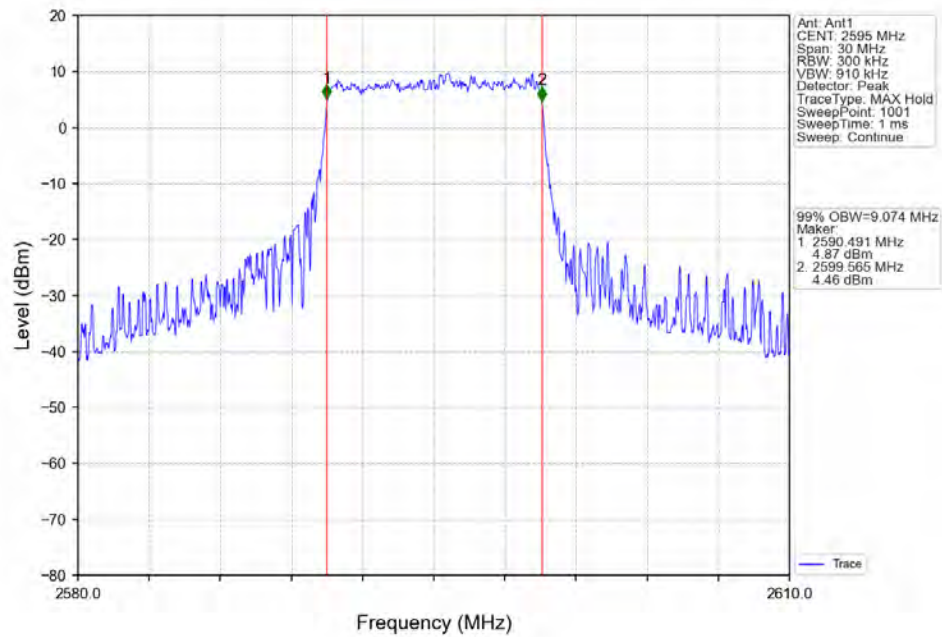
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



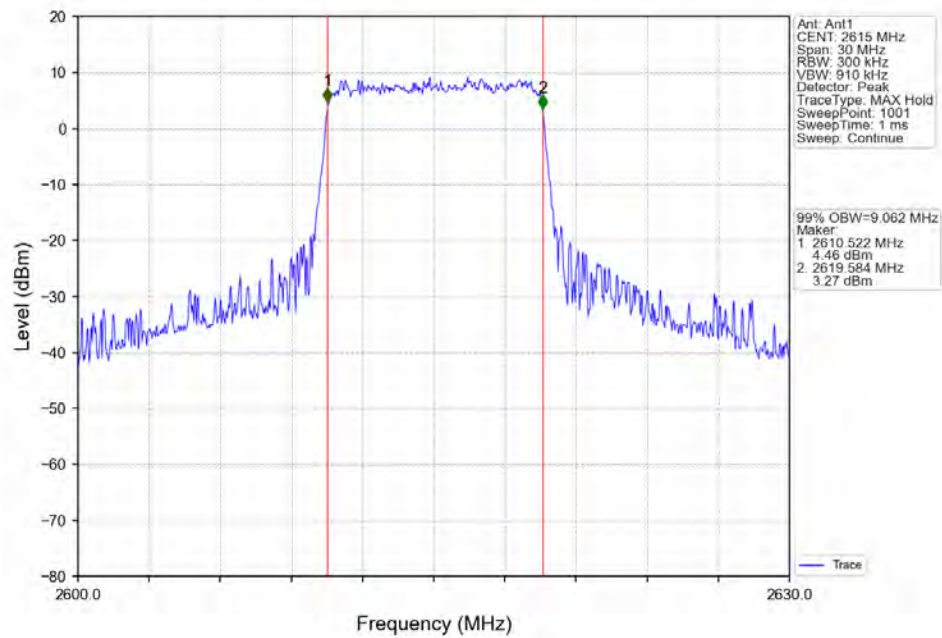
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



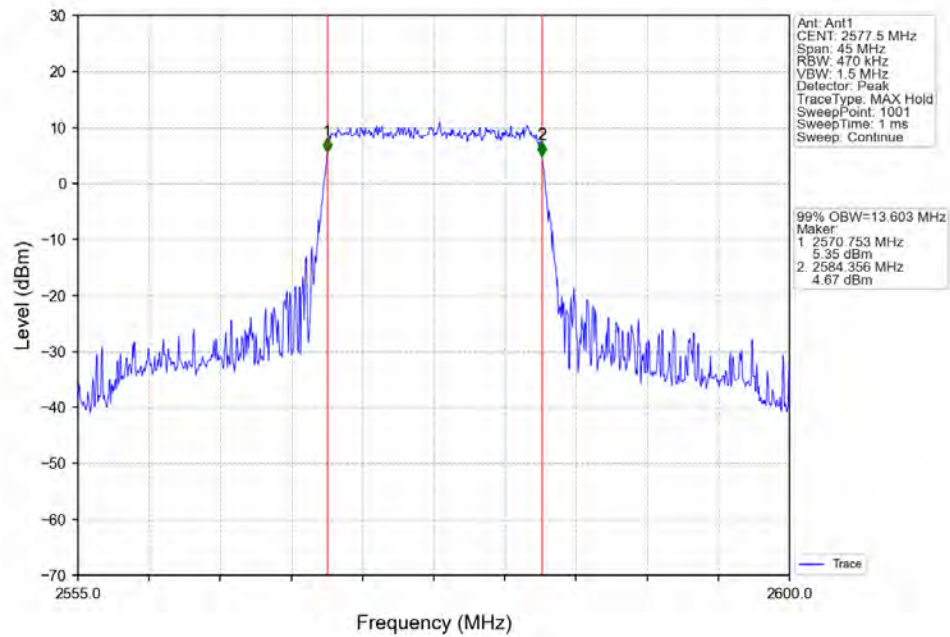
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



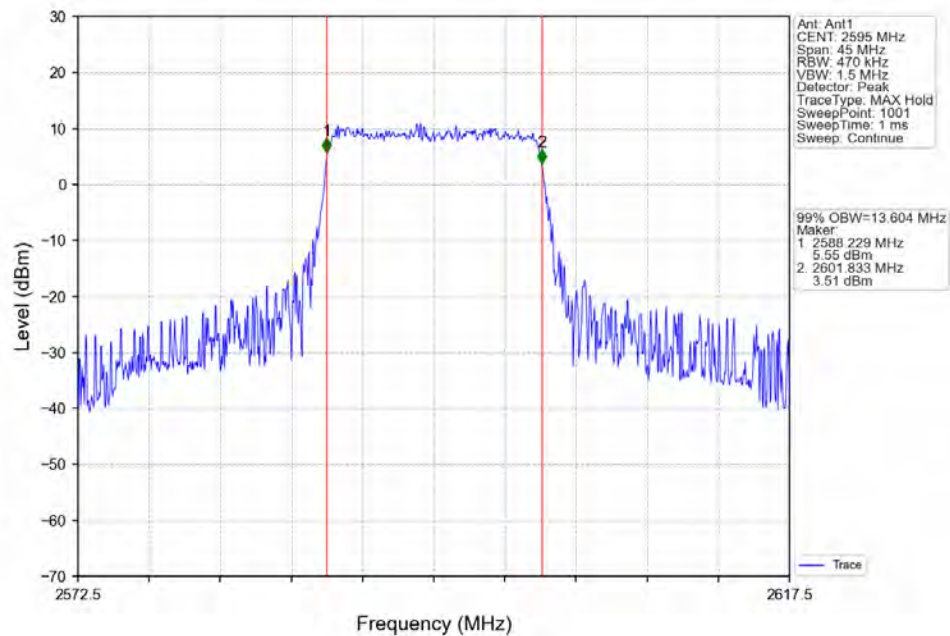
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



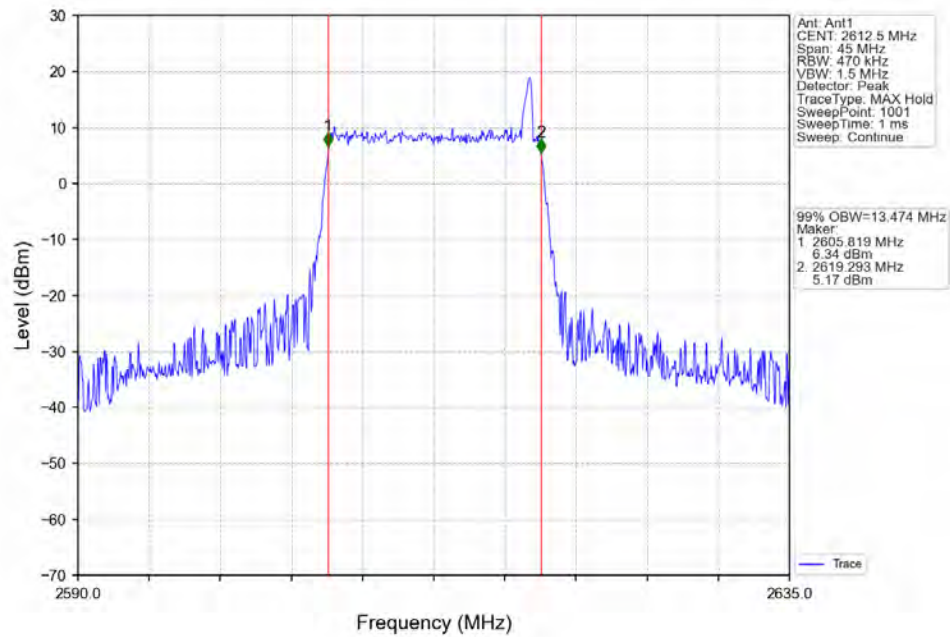
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



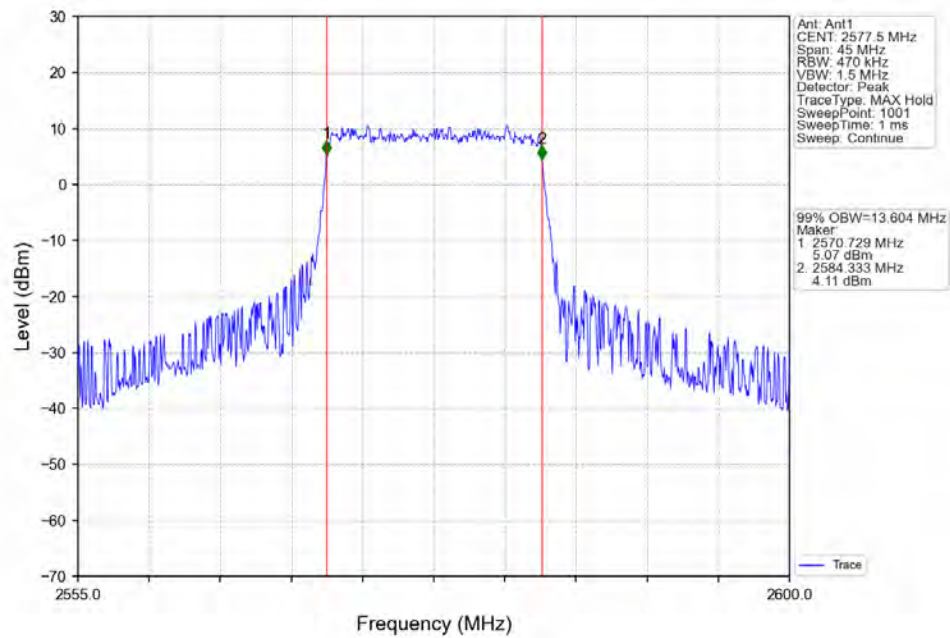
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



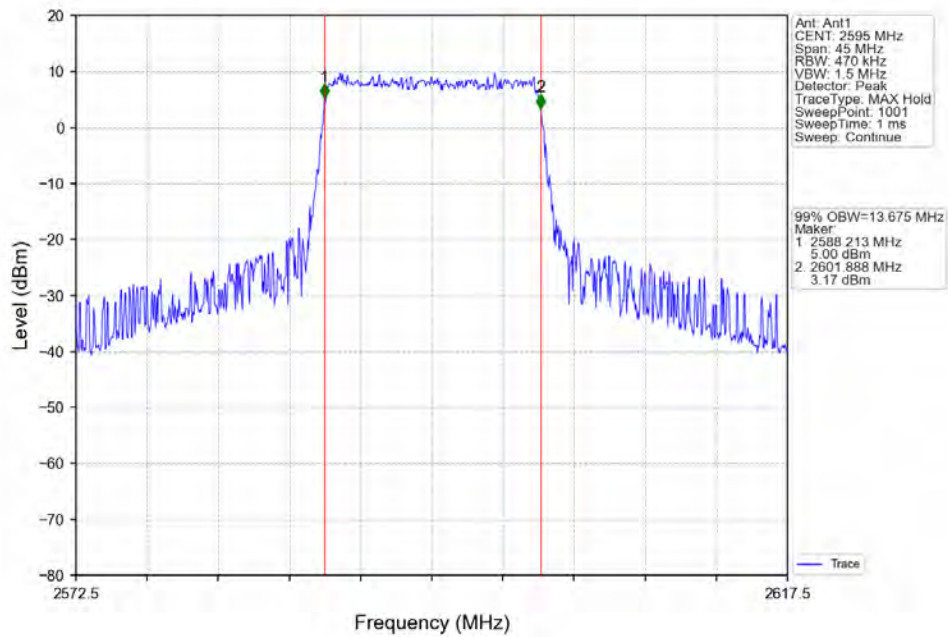
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



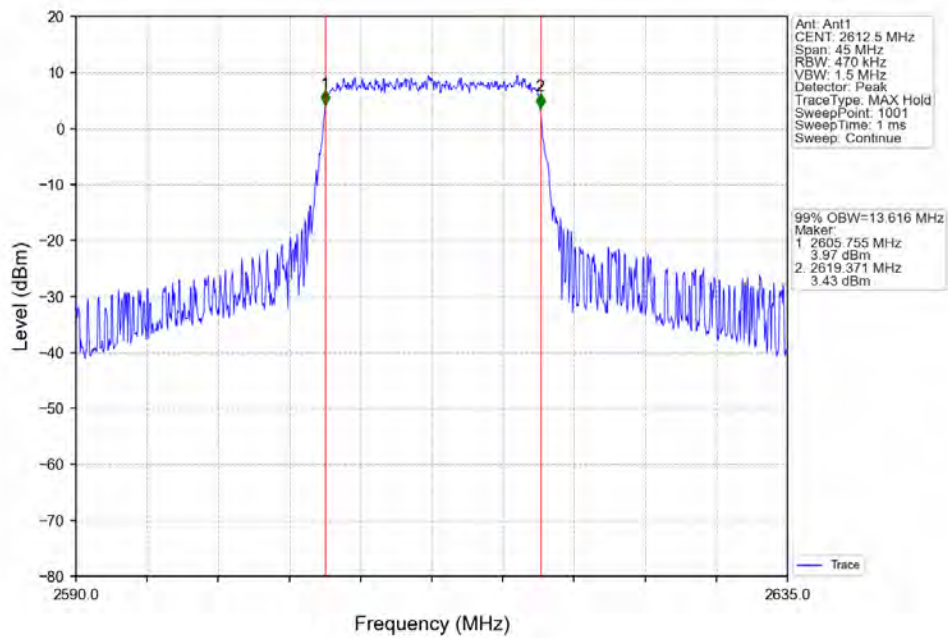
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



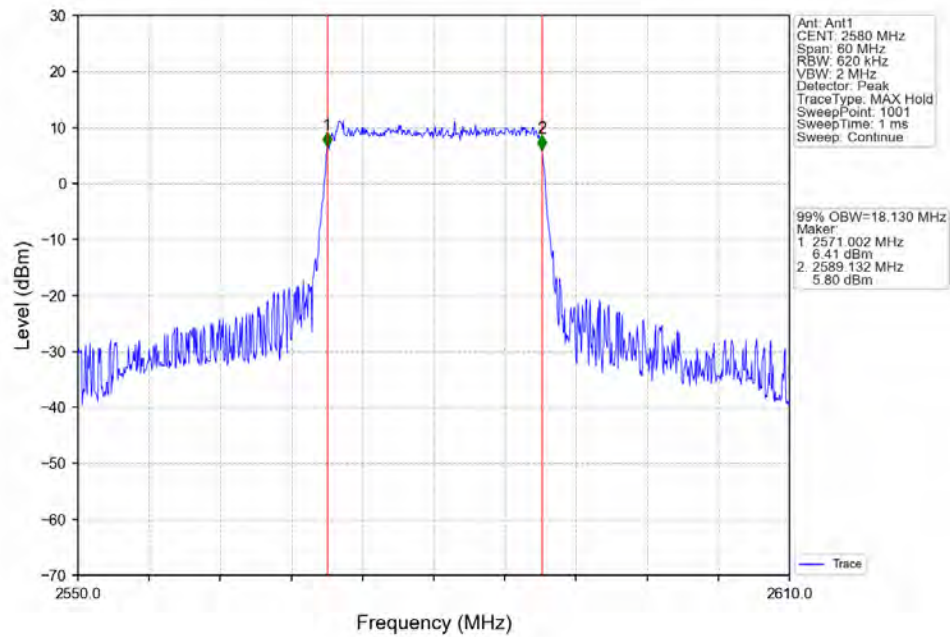
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



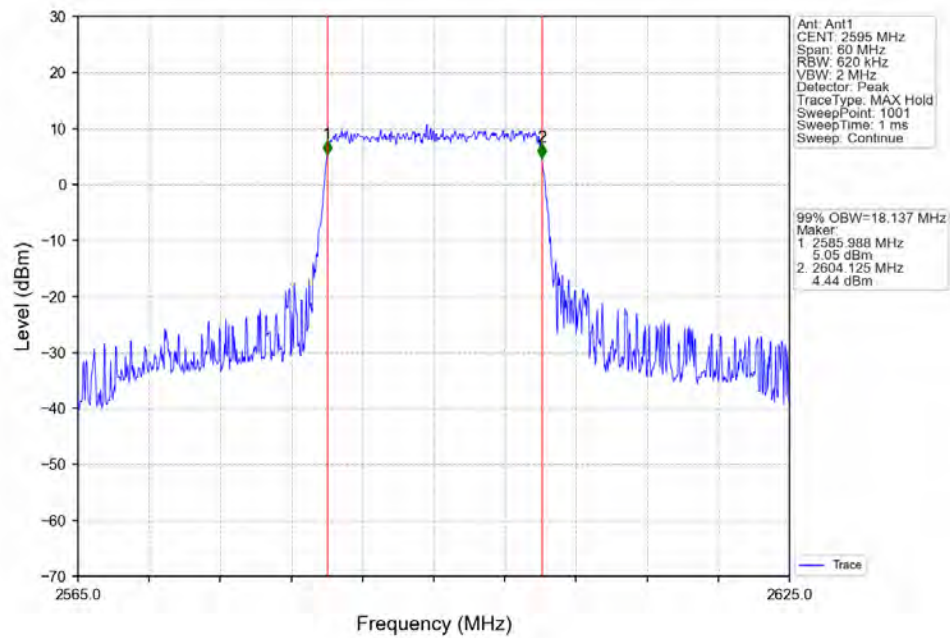
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



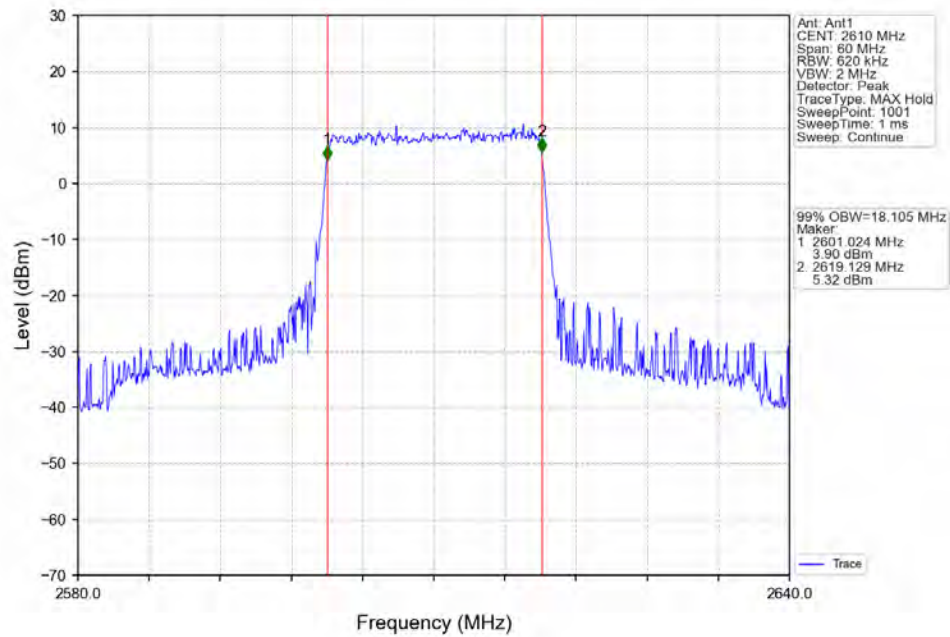
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



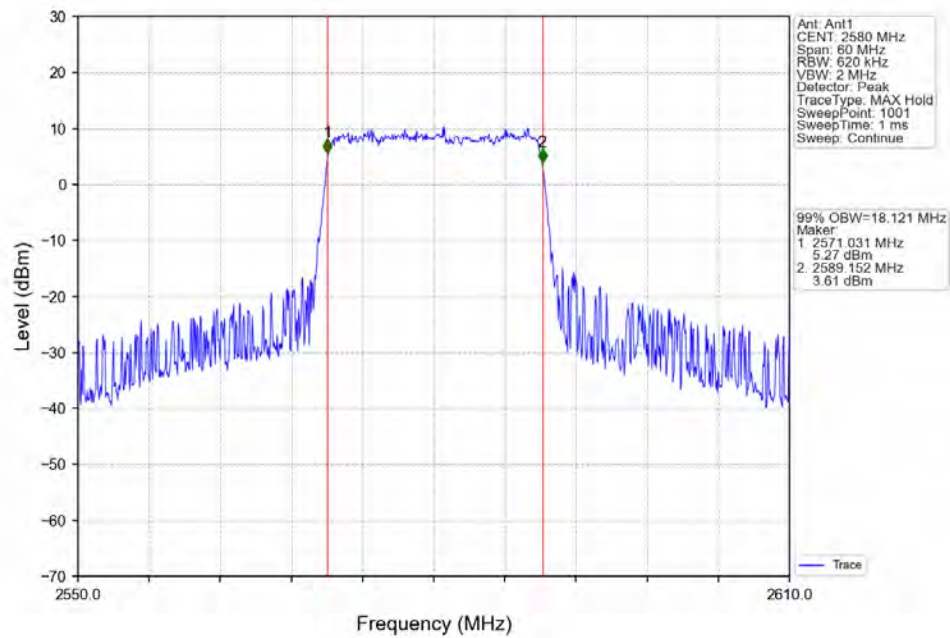
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



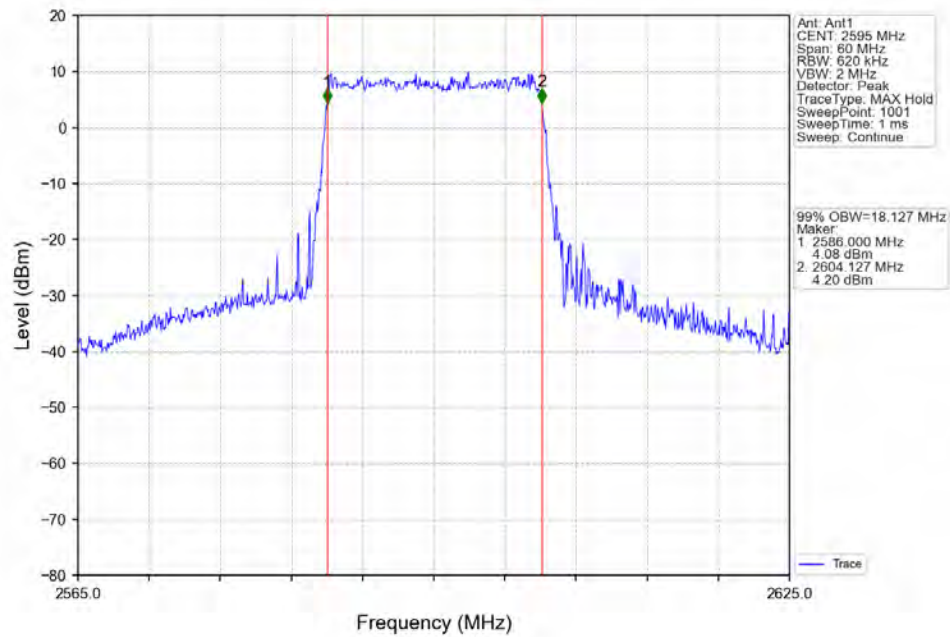
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



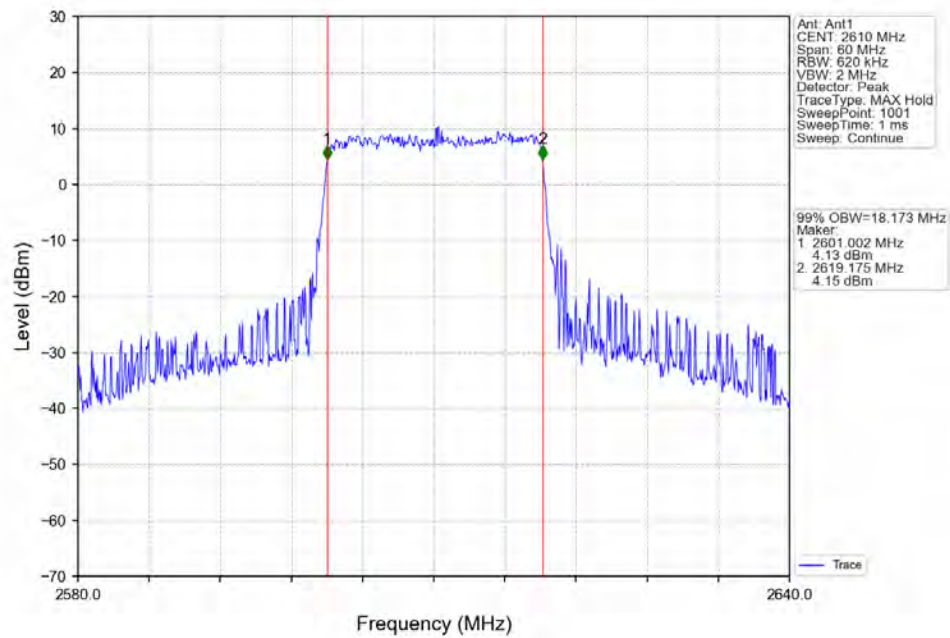
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV

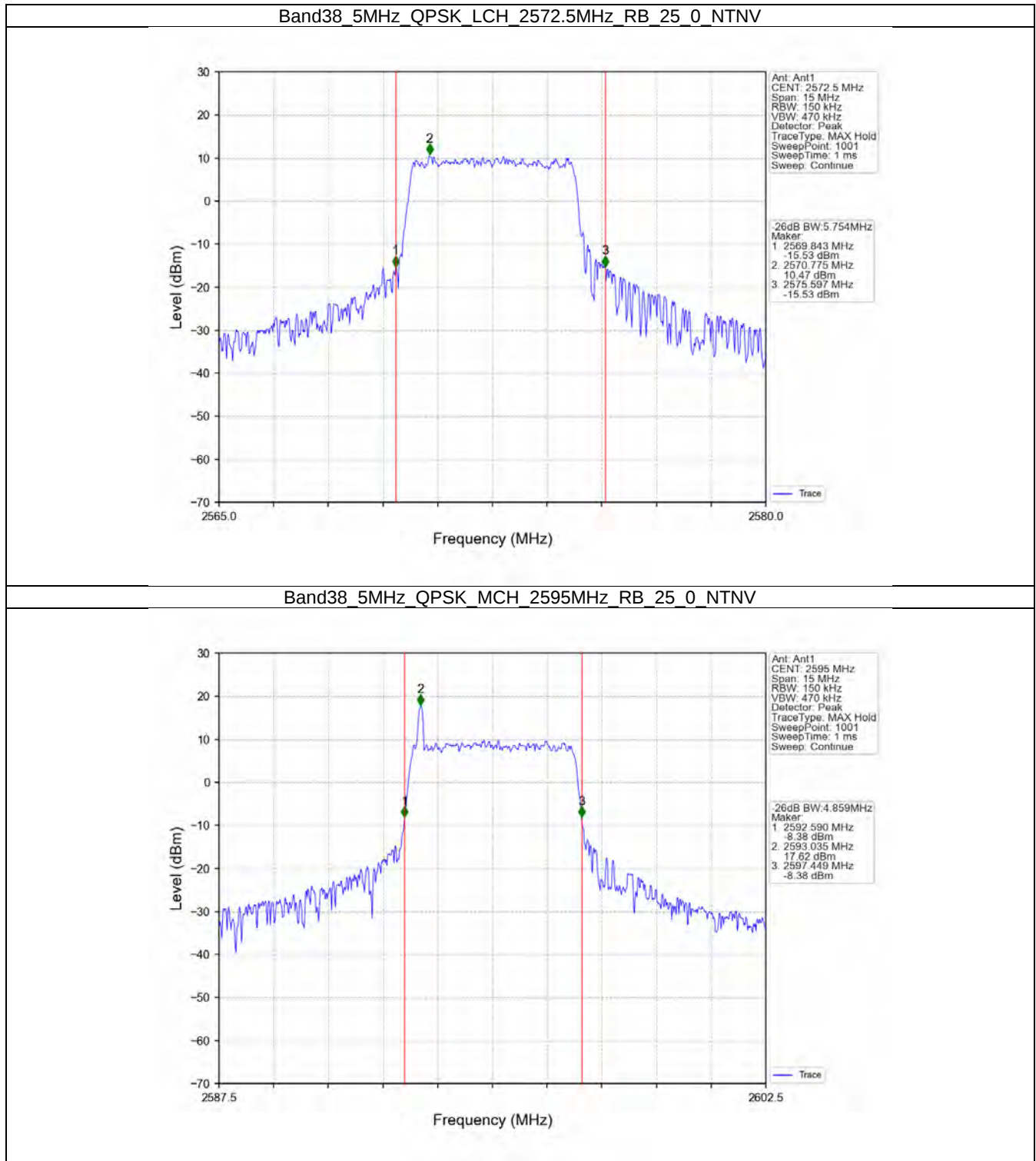


4.2 Band38_XDB

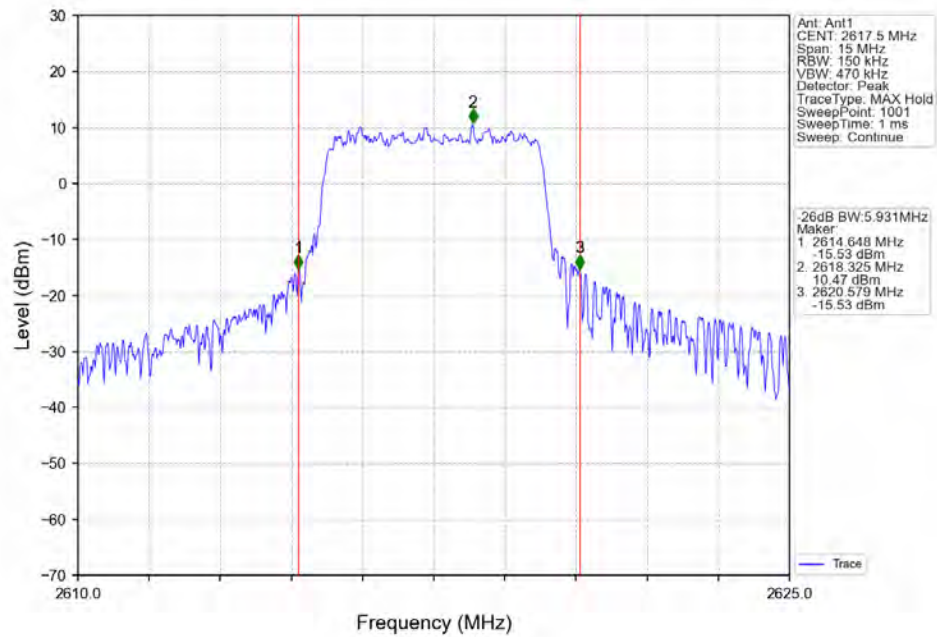
4.2.1 Test Result

Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	5.754	/	Pass
		2595	25	0	4.859	/	Pass
		2617.5	25	0	5.931	/	Pass
	16QAM	2572.5	25	0	5.617	/	Pass
		2595	25	0	5.650	/	Pass
		2617.5	25	0	5.567	/	Pass
10	QPSK	2575	50	0	10.205	/	Pass
		2595	50	0	11.344	/	Pass
		2615	50	0	10.479	/	Pass
	16QAM	2575	50	0	10.489	/	Pass
		2595	50	0	10.702	/	Pass
		2615	50	0	10.037	/	Pass
15	QPSK	2577.5	75	0	15.844	/	Pass
		2595	75	0	16.532	/	Pass
		2612.5	75	0	14.377	/	Pass
	16QAM	2577.5	75	0	16.275	/	Pass
		2595	75	0	15.438	/	Pass
		2612.5	75	0	16.169	/	Pass
20	QPSK	2580	100	0	20.171	/	Pass
		2595	100	0	20.544	/	Pass
		2610	100	0	19.979	/	Pass
	16QAM	2580	100	0	21.741	/	Pass
		2595	100	0	20.902	/	Pass
		2610	100	0	21.058	/	Pass

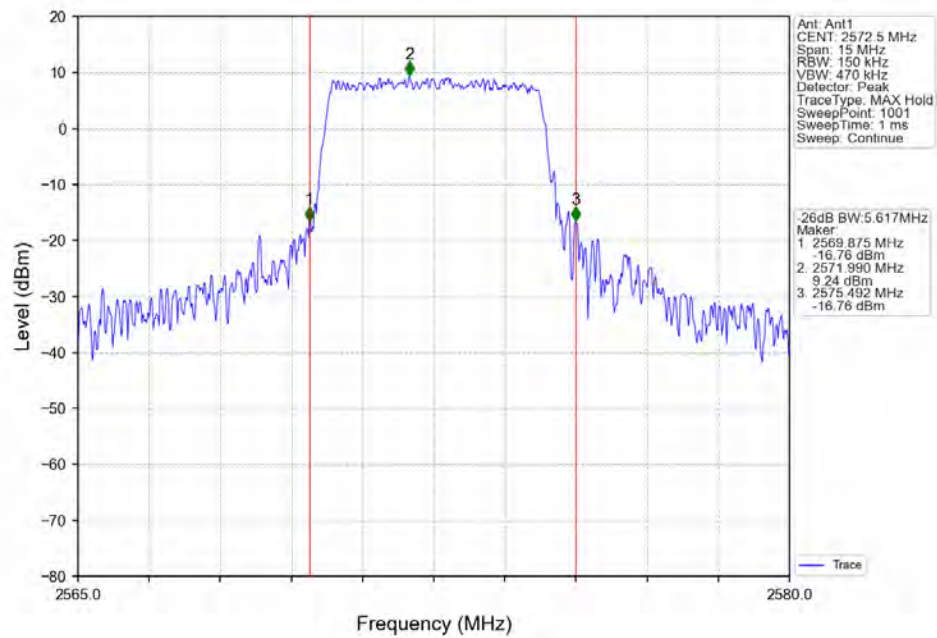
4.2.2 Test Graph



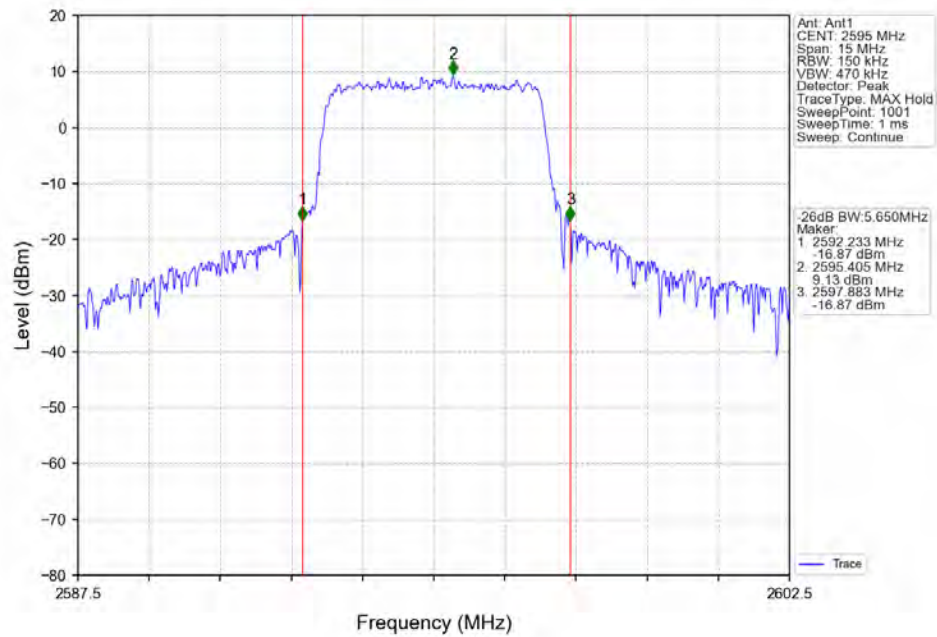
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



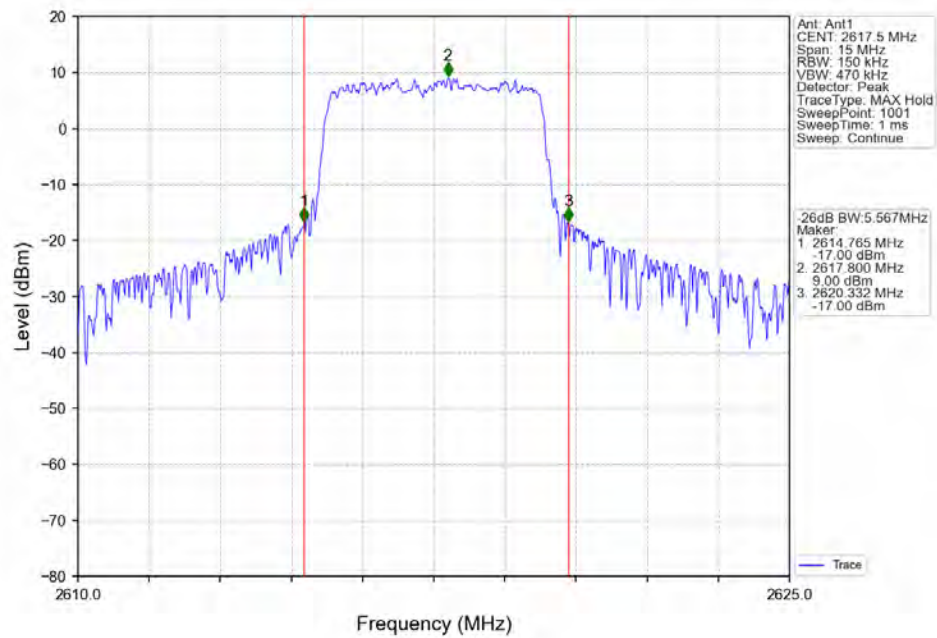
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



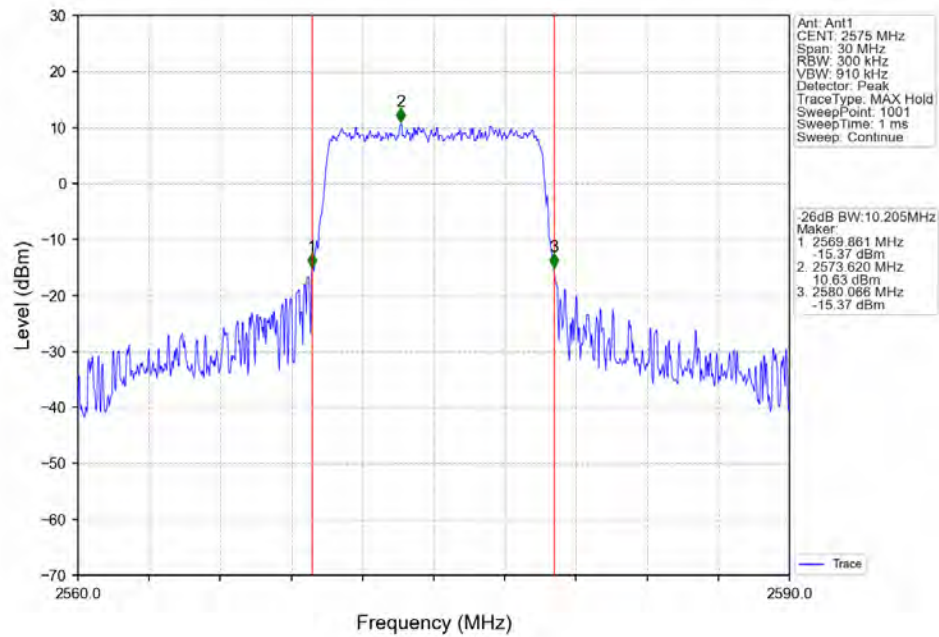
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



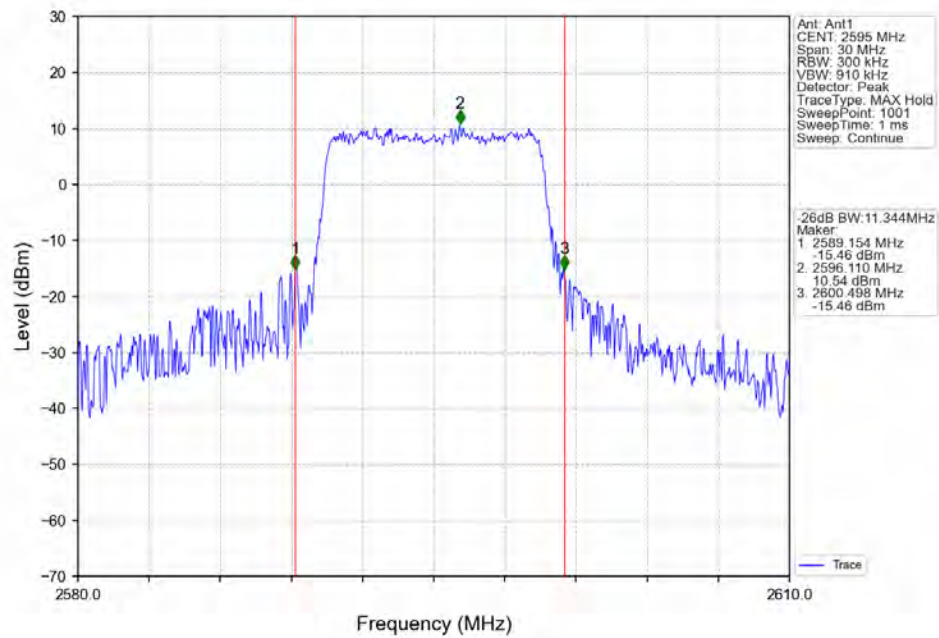
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



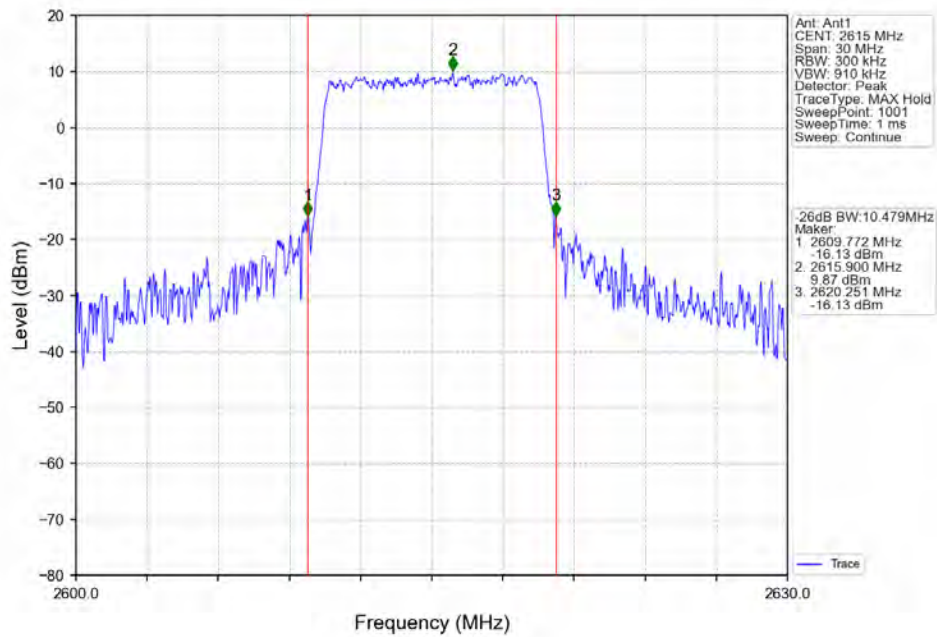
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



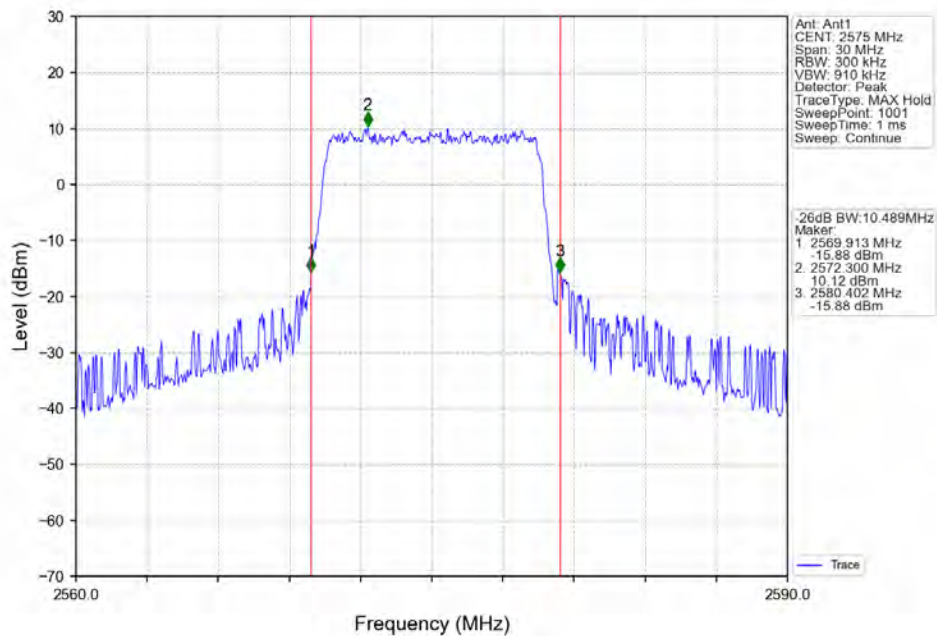
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



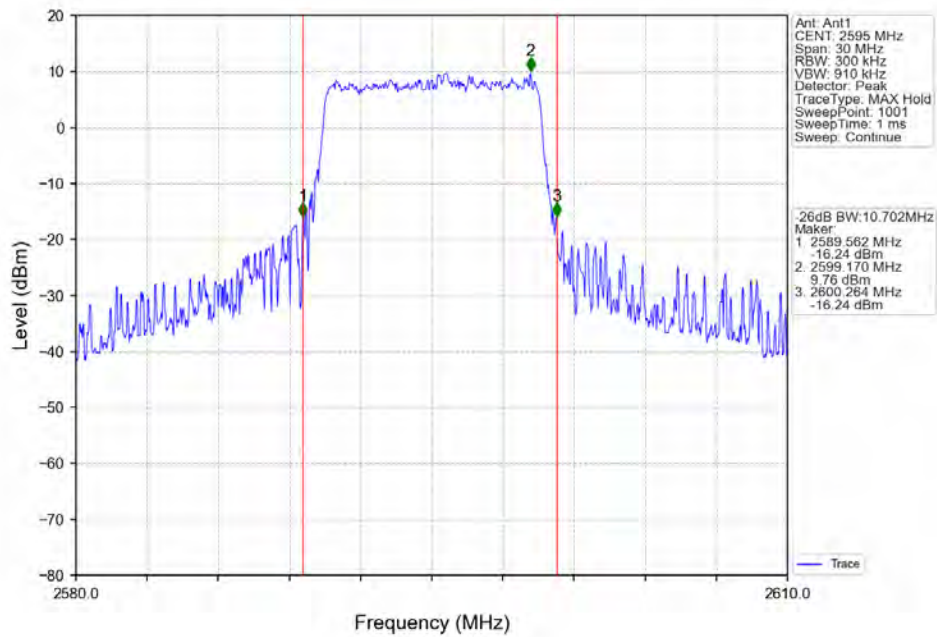
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



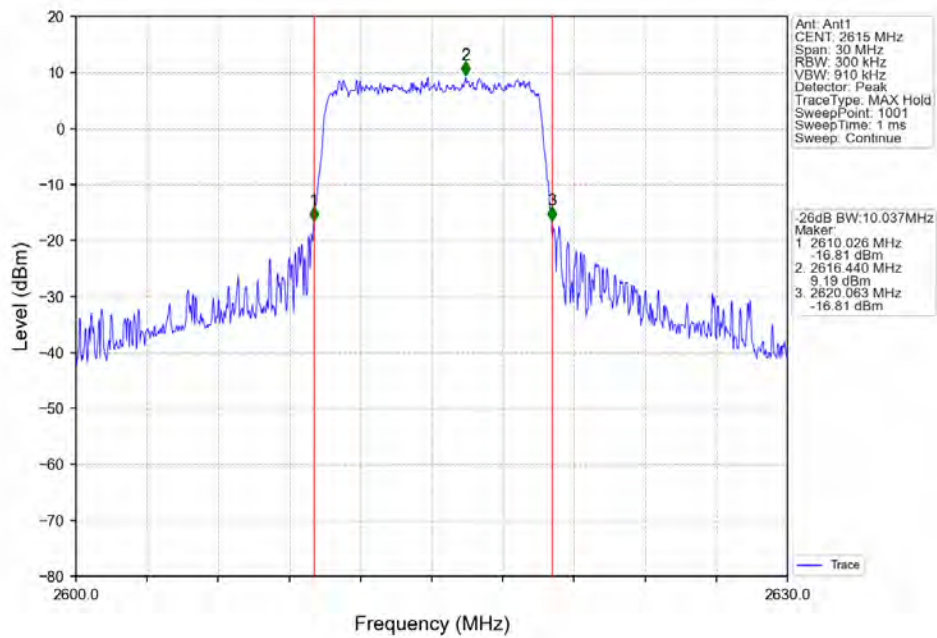
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



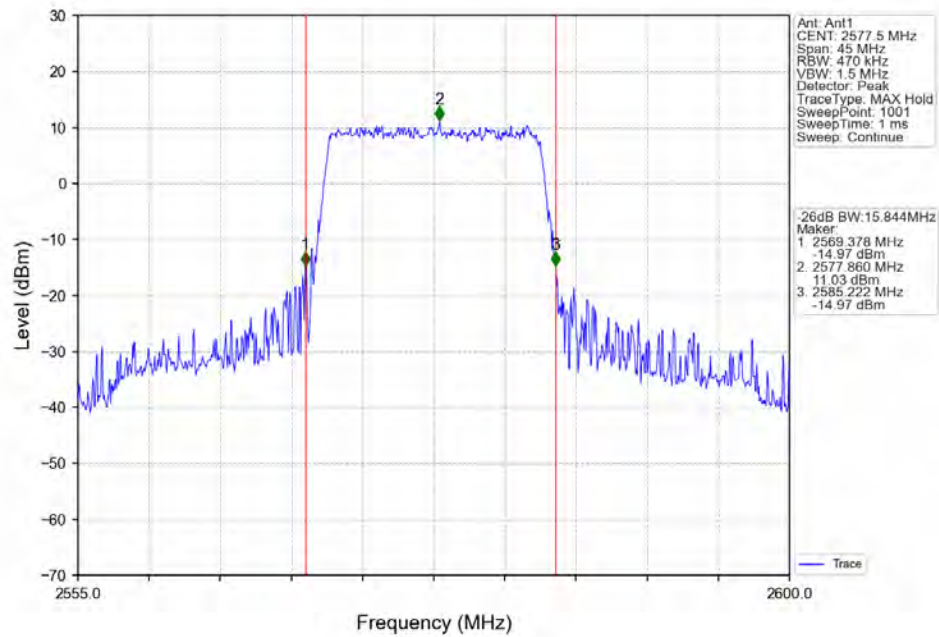
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



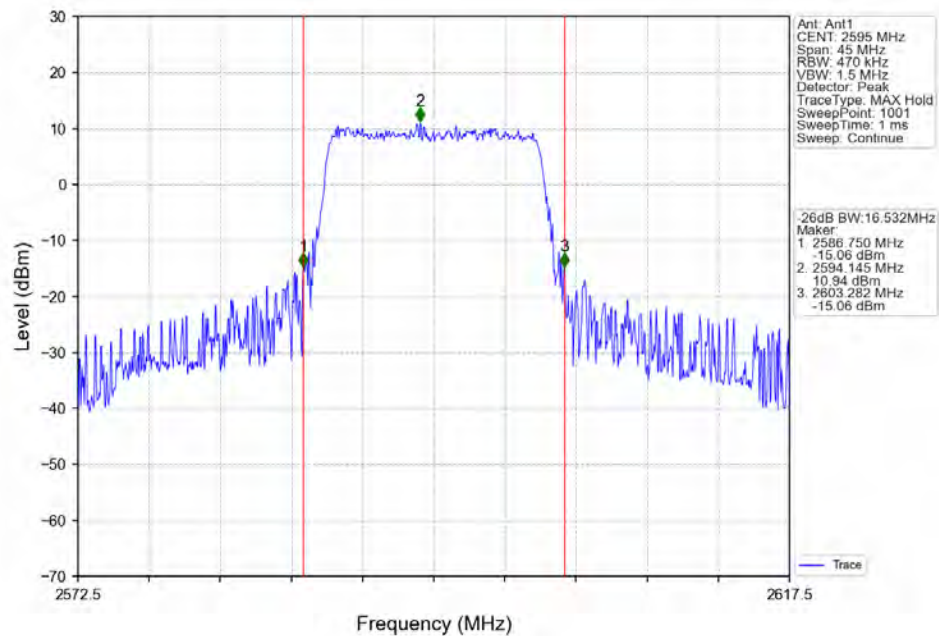
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



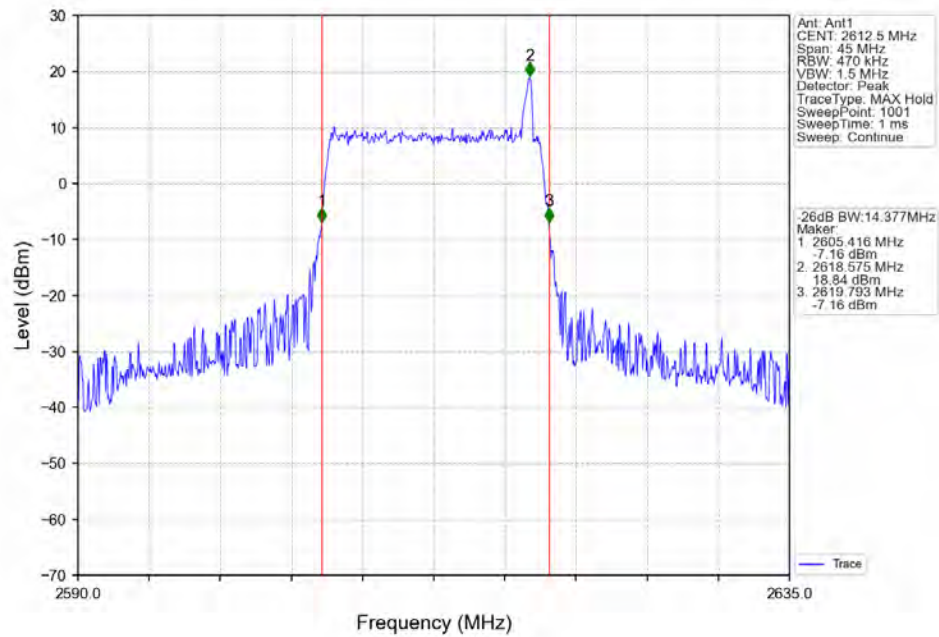
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



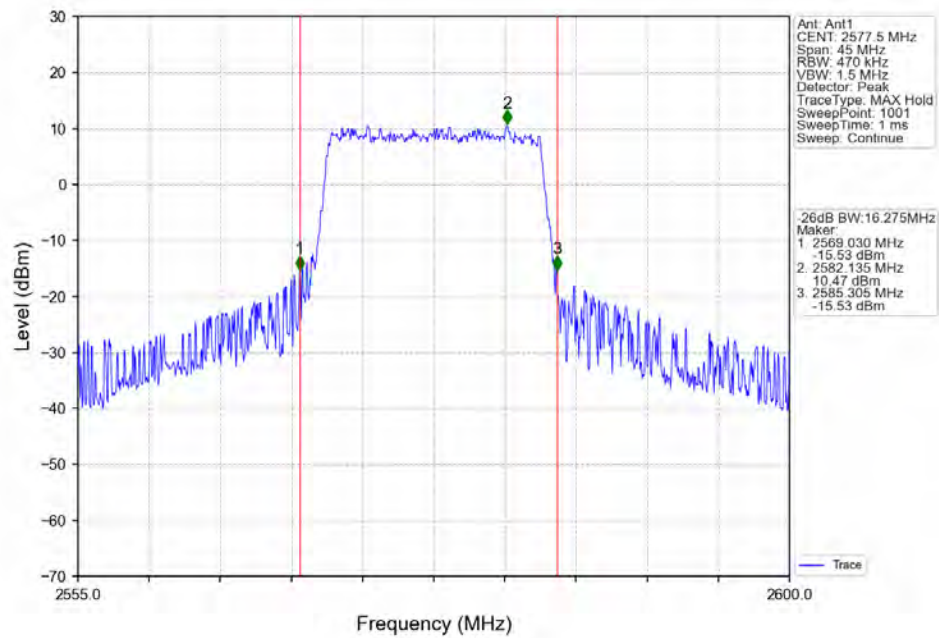
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



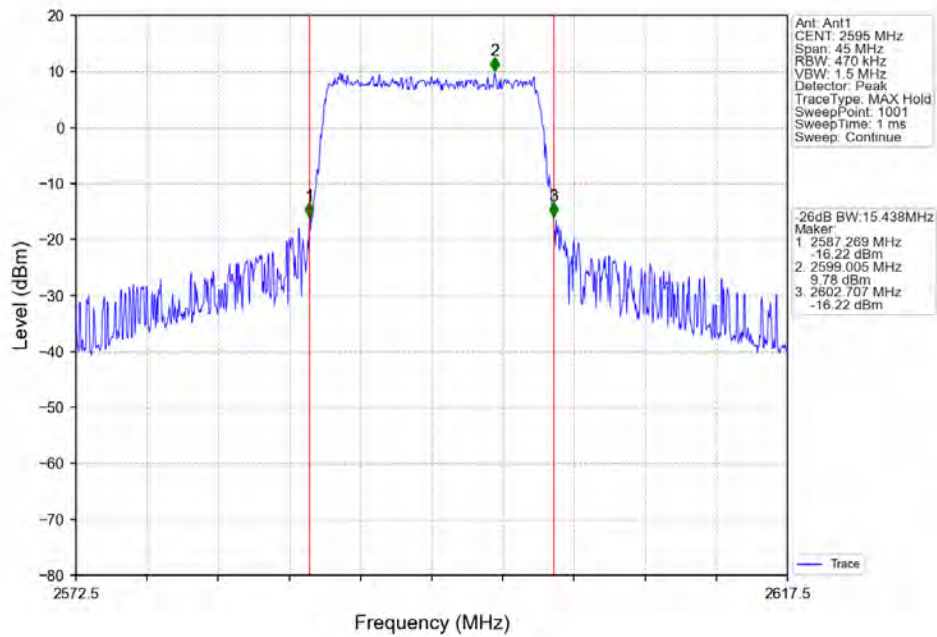
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



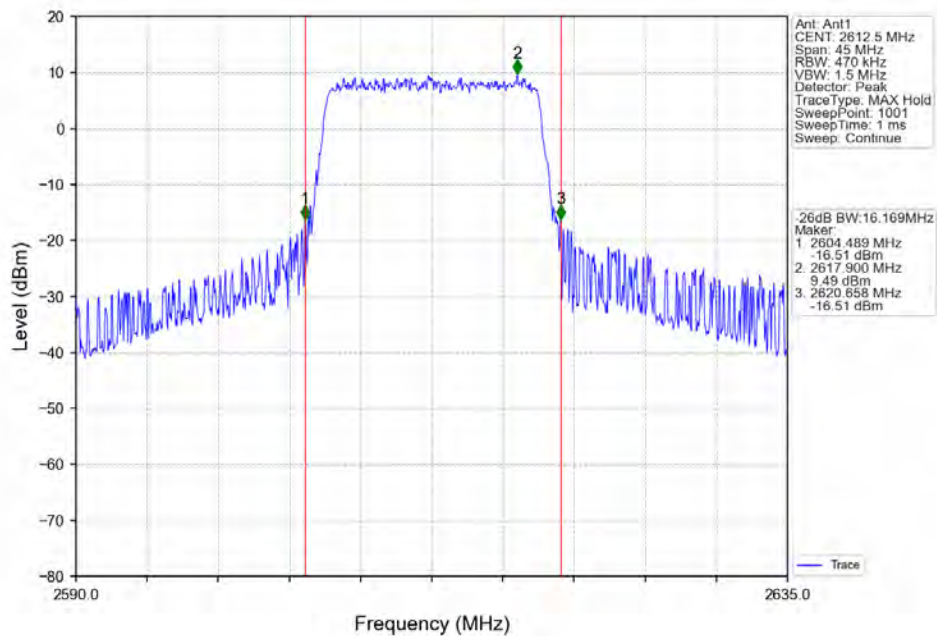
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



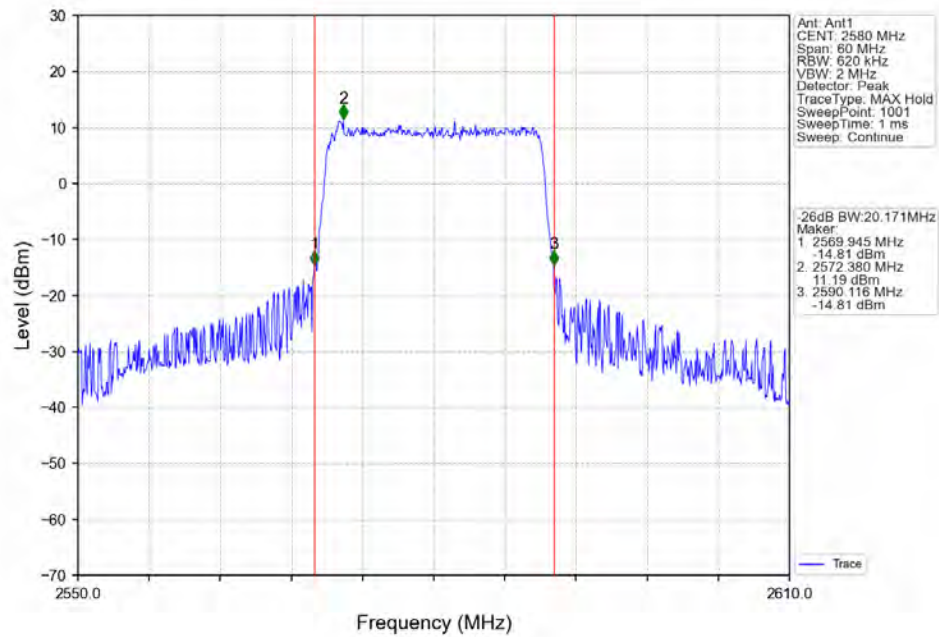
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



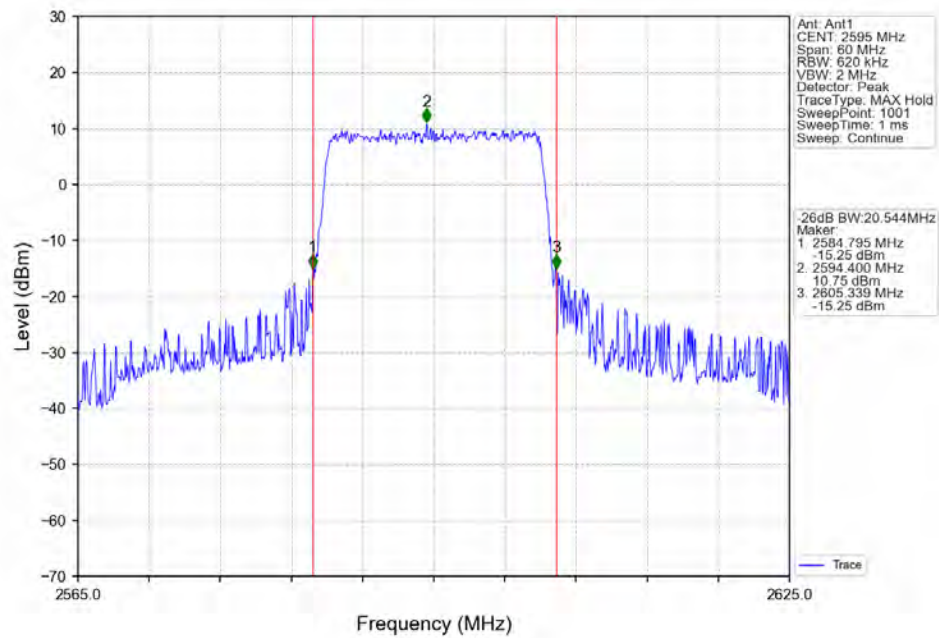
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



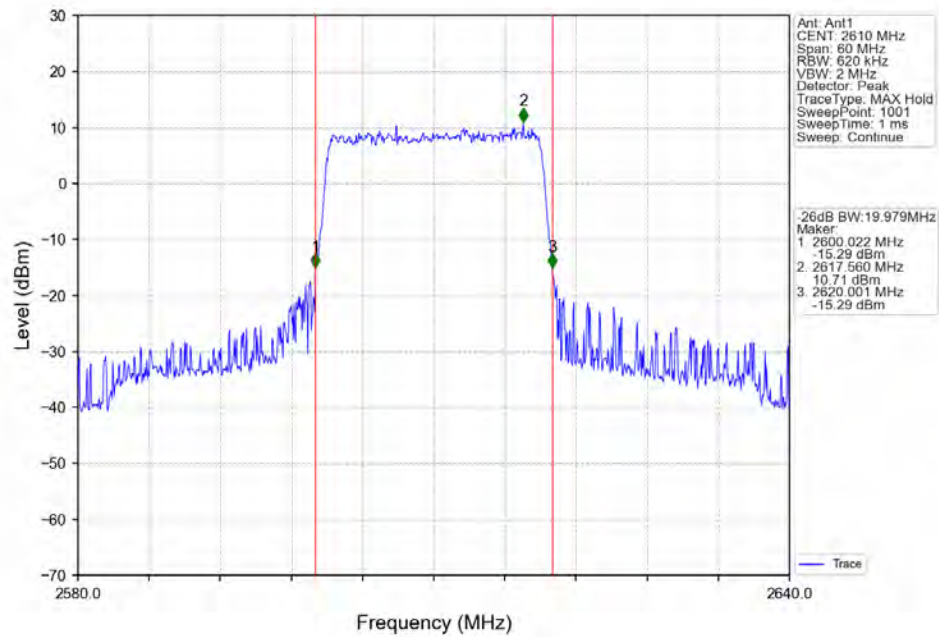
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



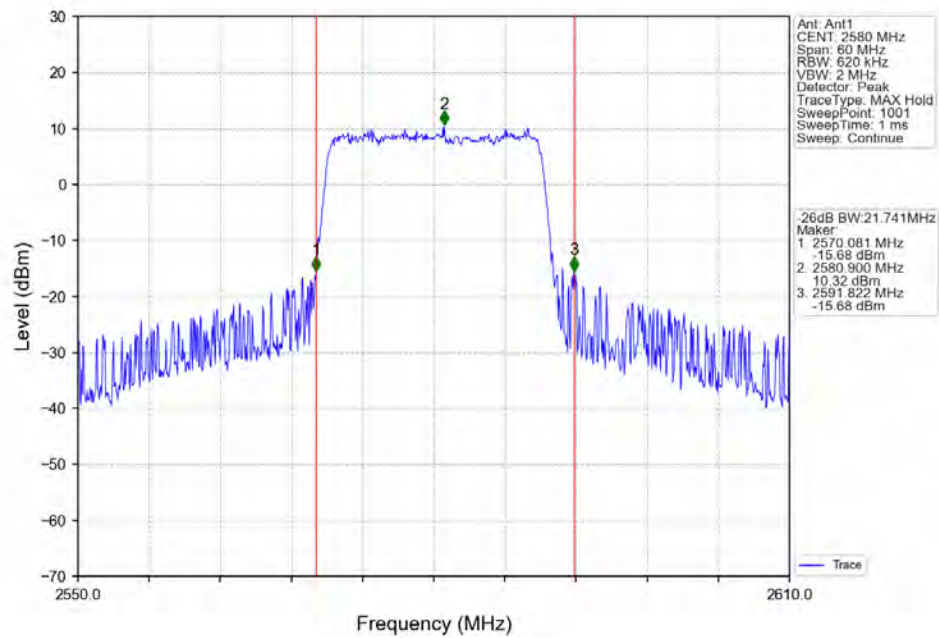
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



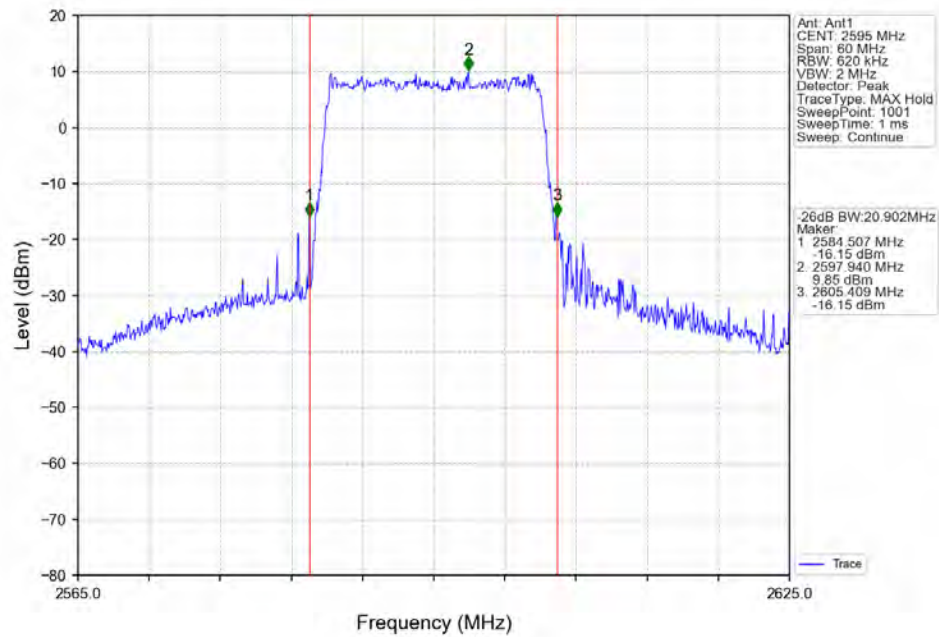
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



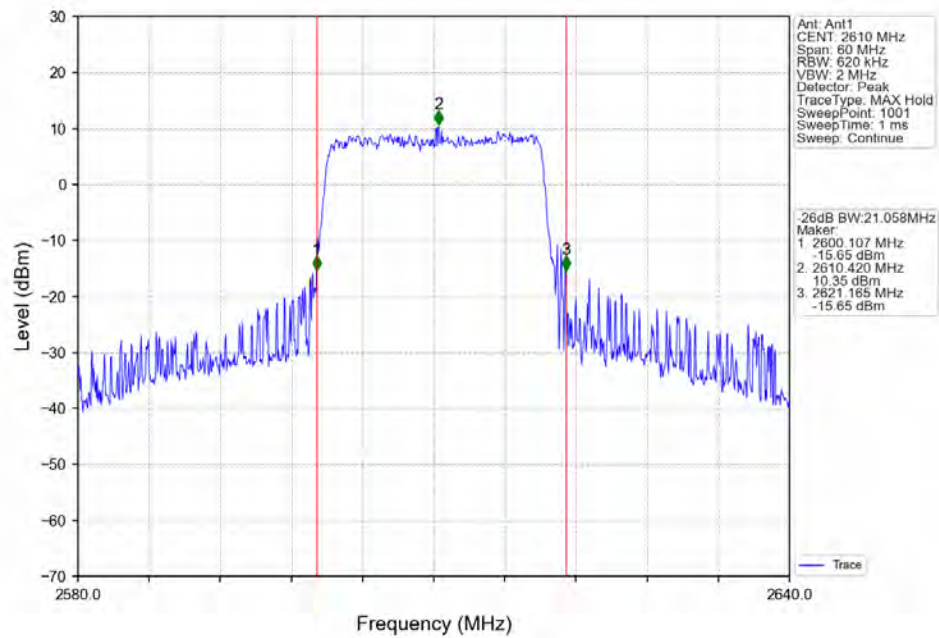
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



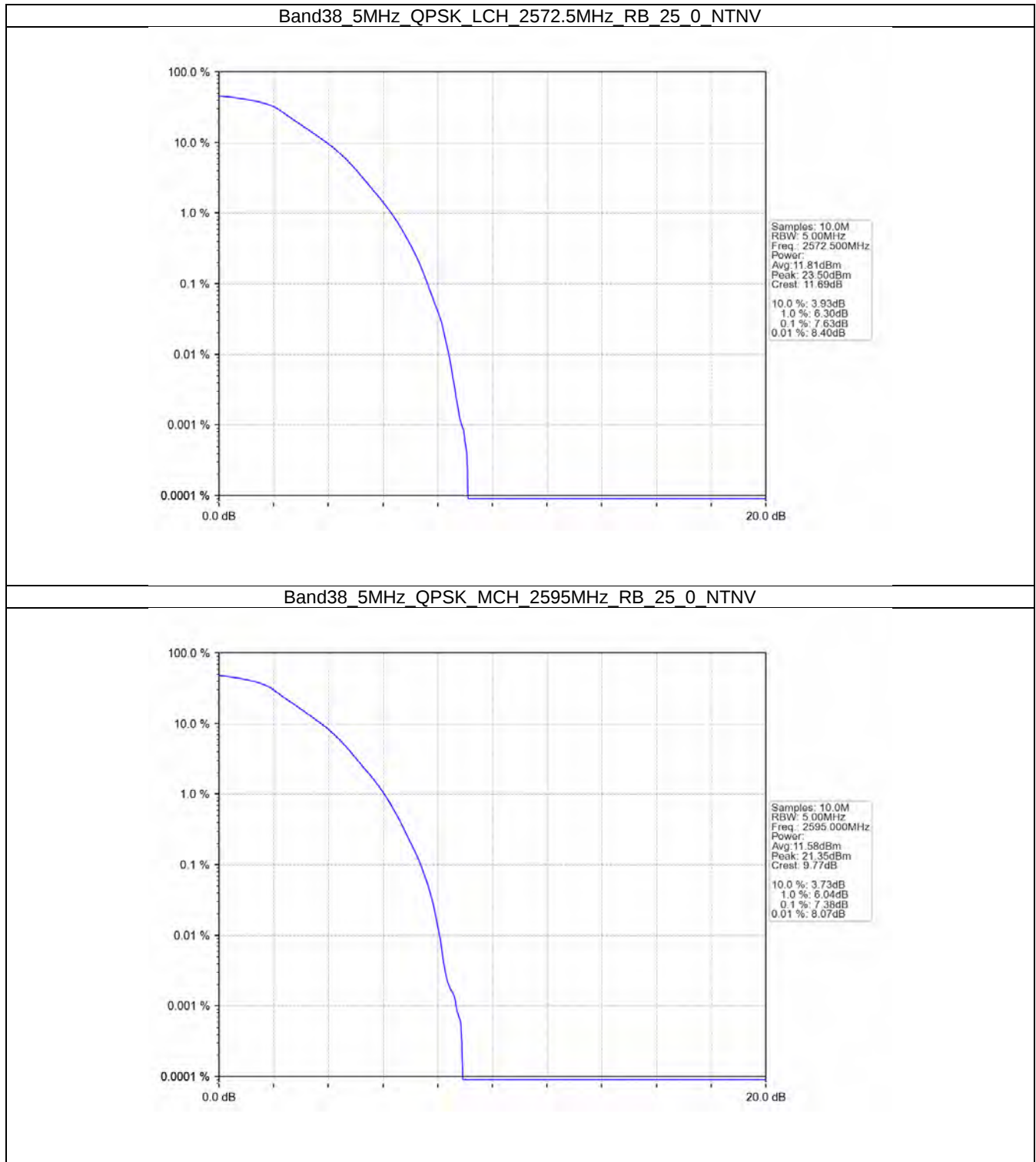
5. Peak-Average Ratio

5.1 B38_5MHz

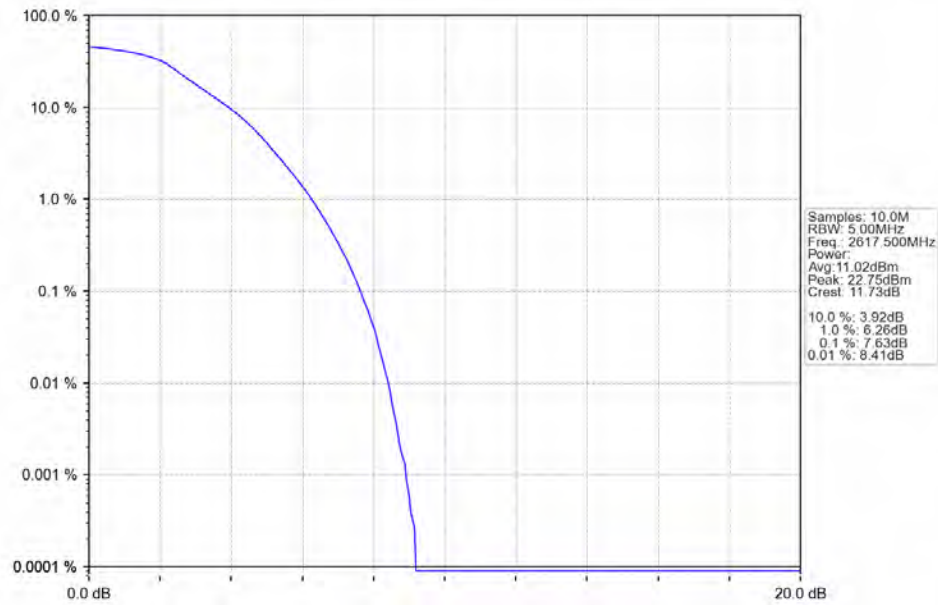
5.1.1 Test Result

Band: 38 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2572.5	25	0	7.63	<=13	Pass
	2595	25	0	7.38	<=13	Pass
	2617.5	25	0	7.63	<=13	Pass
16QAM	2572.5	25	0	8.21	<=13	Pass
	2595	25	0	8.17	<=13	Pass
	2617.5	25	0	8.26	<=13	Pass

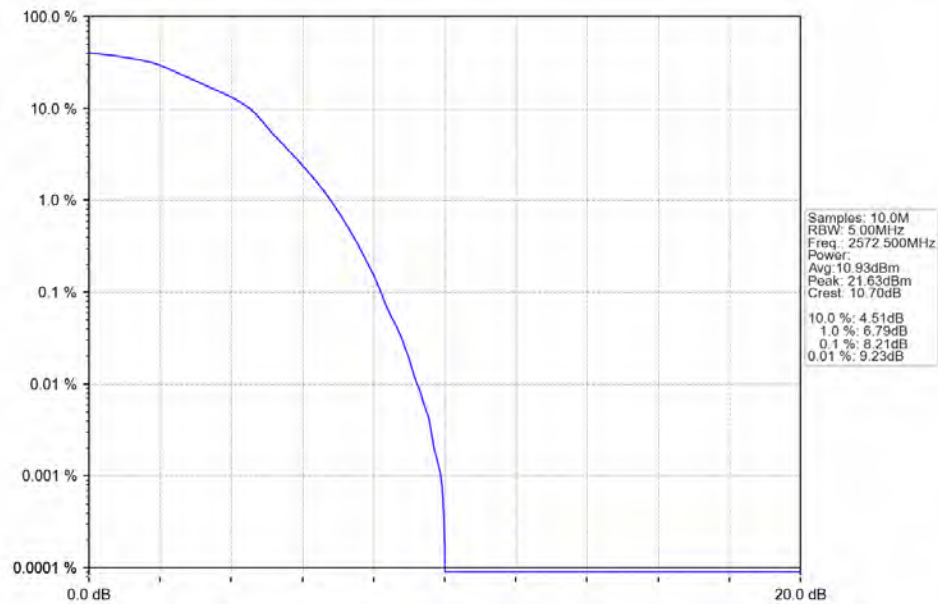
5.1.2 Test Graph



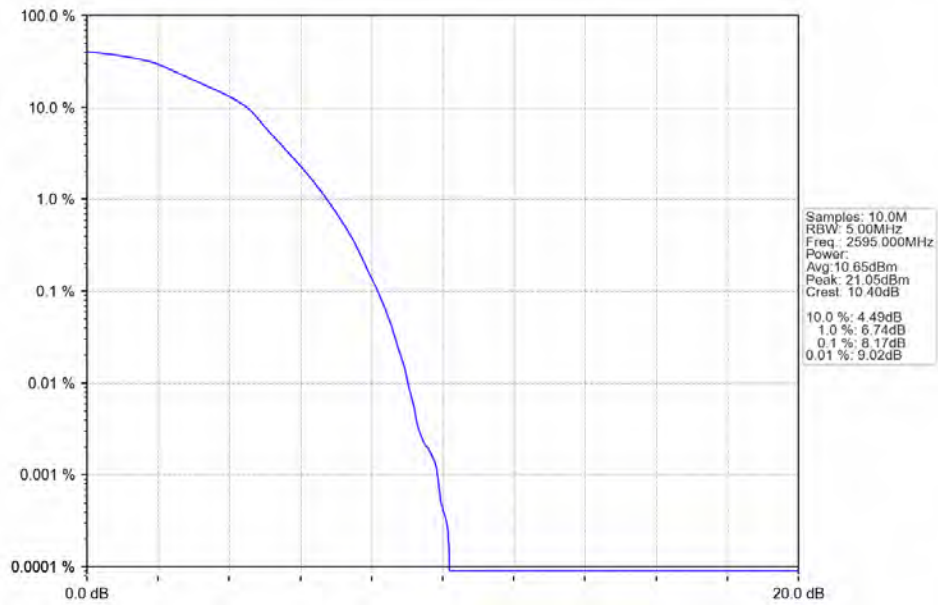
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



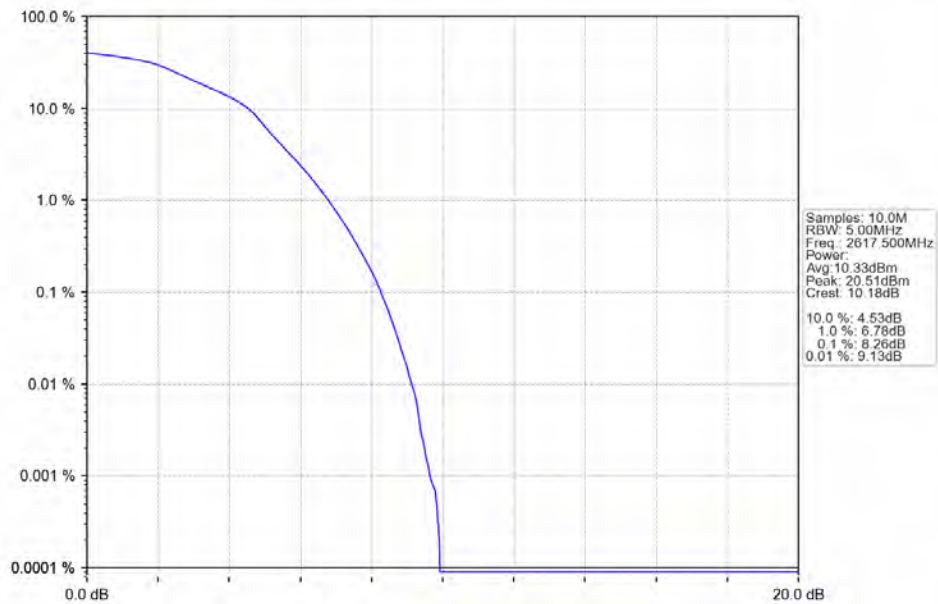
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV

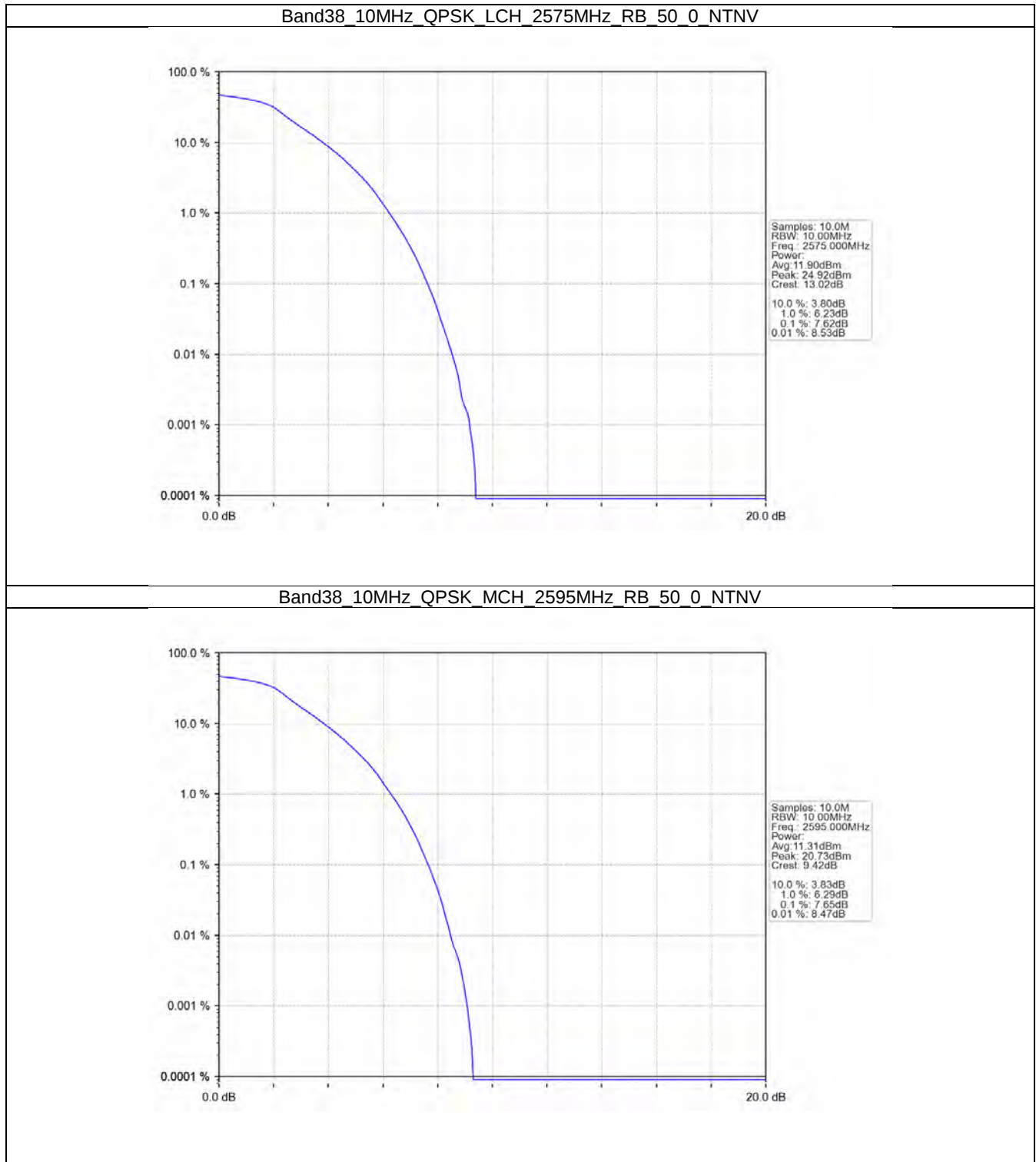


5.2 B38_10MHz

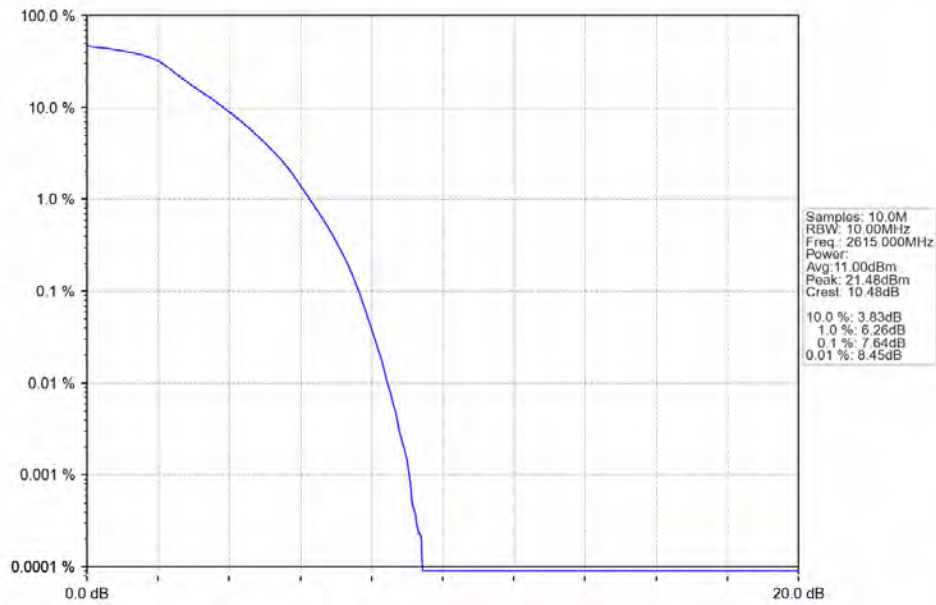
5.2.1 Test Result

Band: 38 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	50	0	7.62	<=13	Pass
	2595	50	0	7.65	<=13	Pass
	2615	50	0	7.64	<=13	Pass
16QAM	2575	50	0	8.37	<=13	Pass
	2595	50	0	8.34	<=13	Pass
	2615	50	0	8.19	<=13	Pass

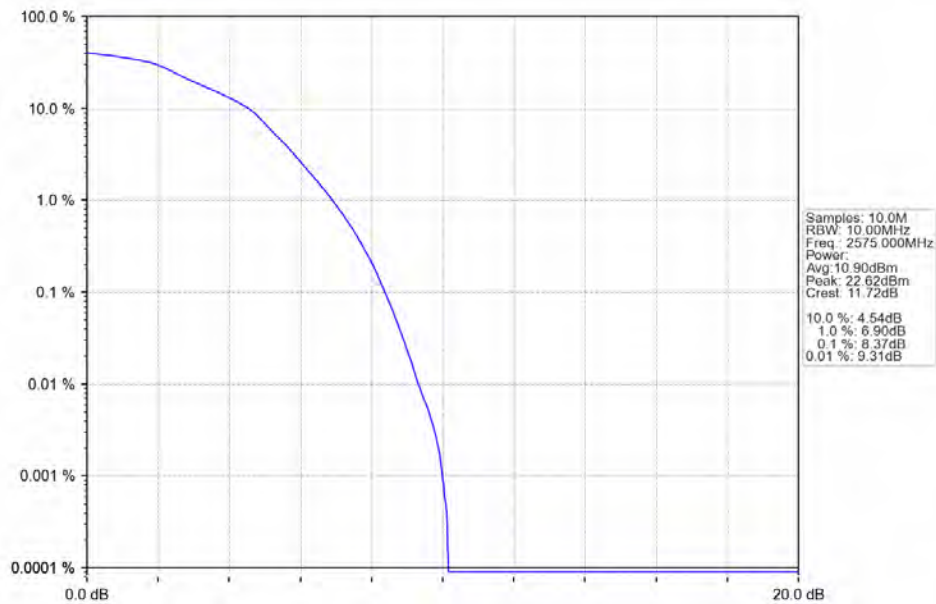
5.2.2 Test Graph



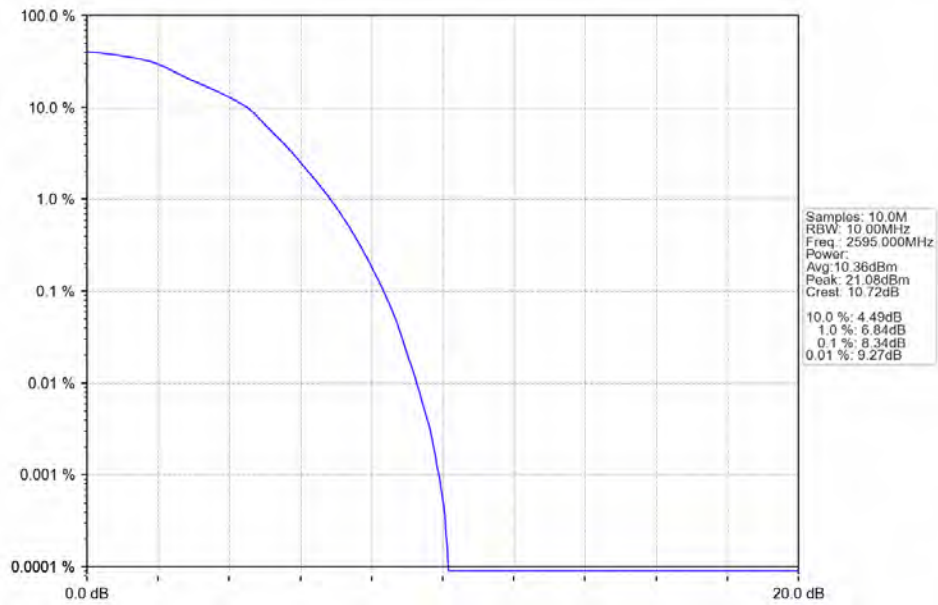
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



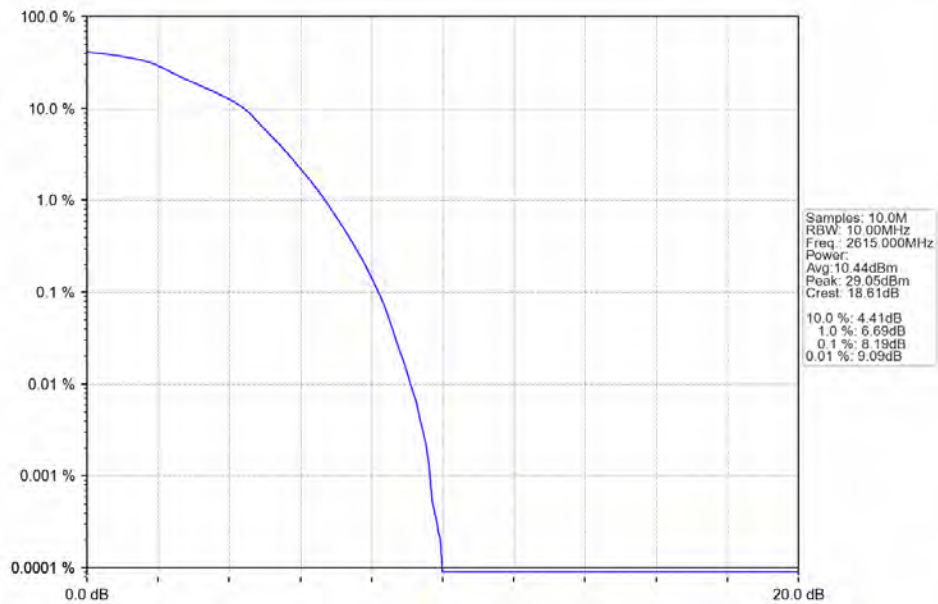
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV

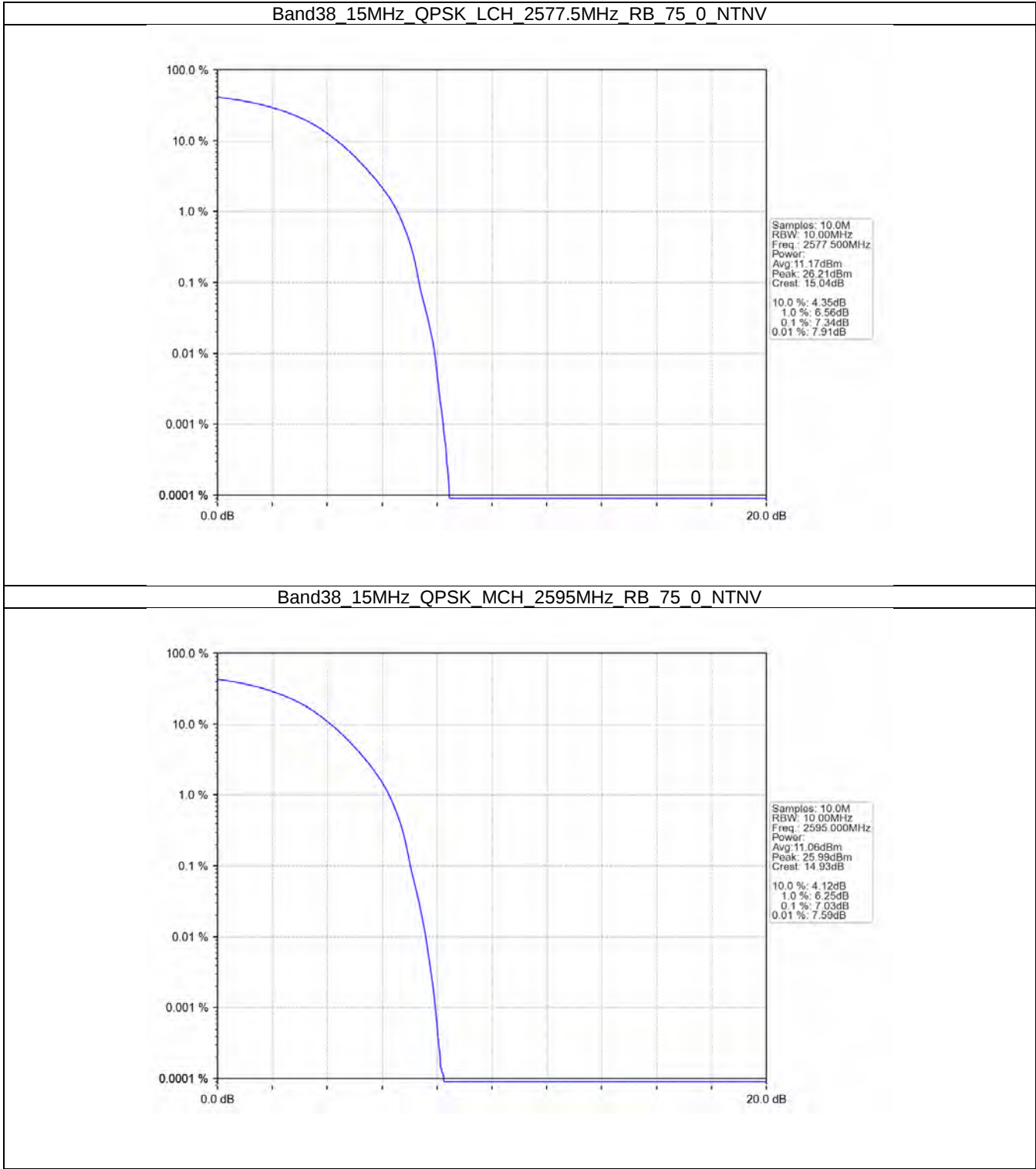


5.3 B38_15MHz

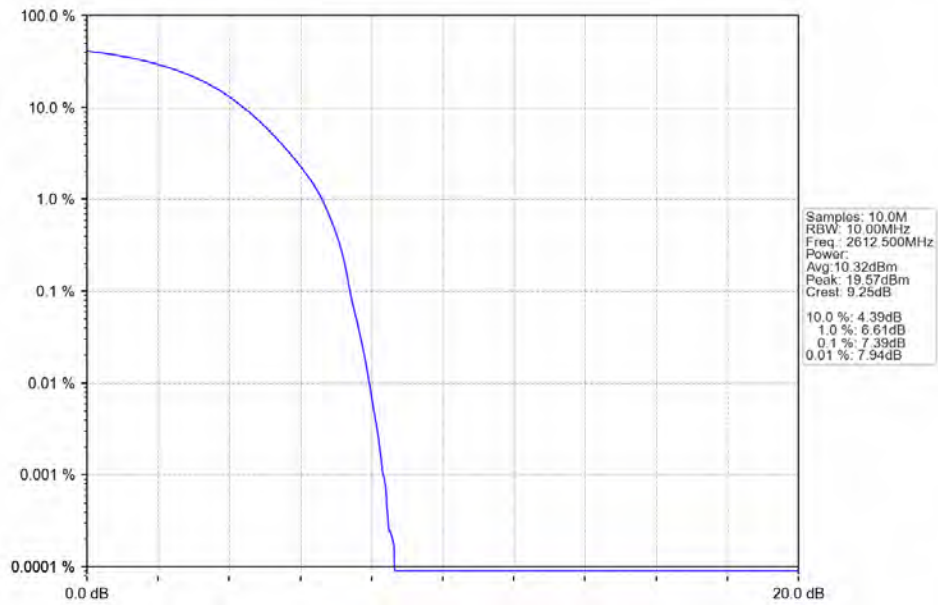
5.3.1 Test Result

Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	75	0	7.34	<=13	Pass
	2595	75	0	7.03	<=13	Pass
	2612.5	75	0	7.39	<=13	Pass
16QAM	2577.5	75	0	8.12	<=13	Pass
	2595	75	0	8.13	<=13	Pass
	2612.5	75	0	8.17	<=13	Pass

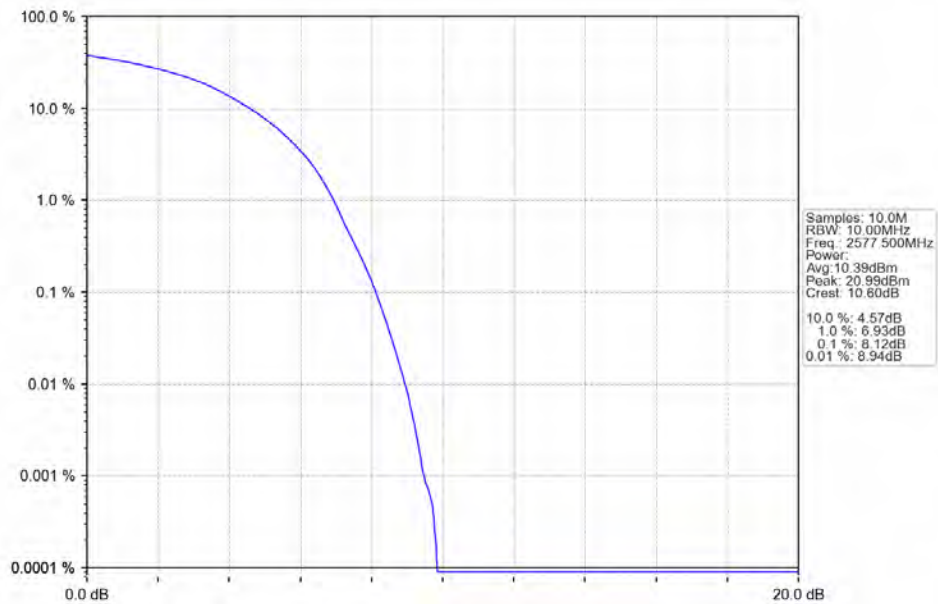
5.3.2 Test Graph



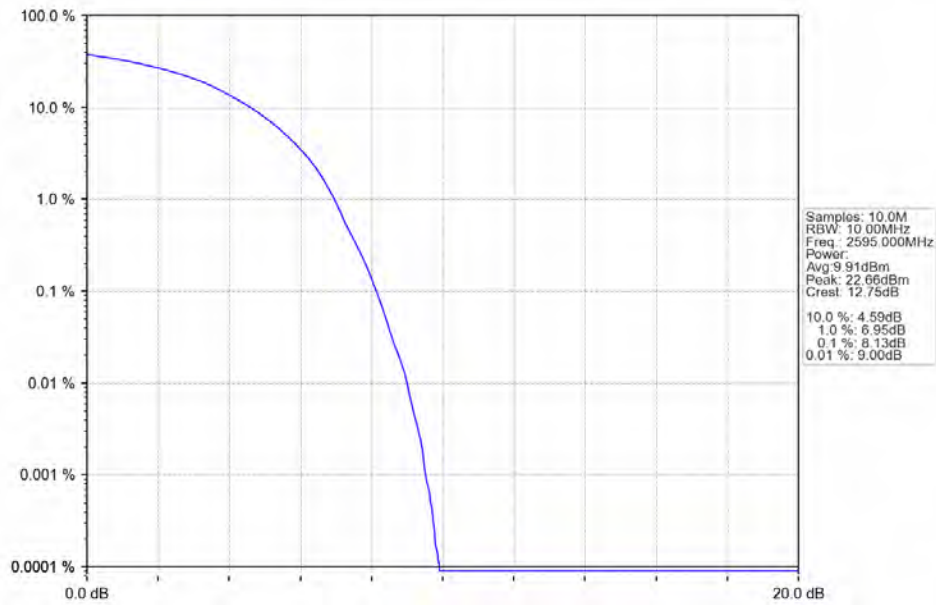
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



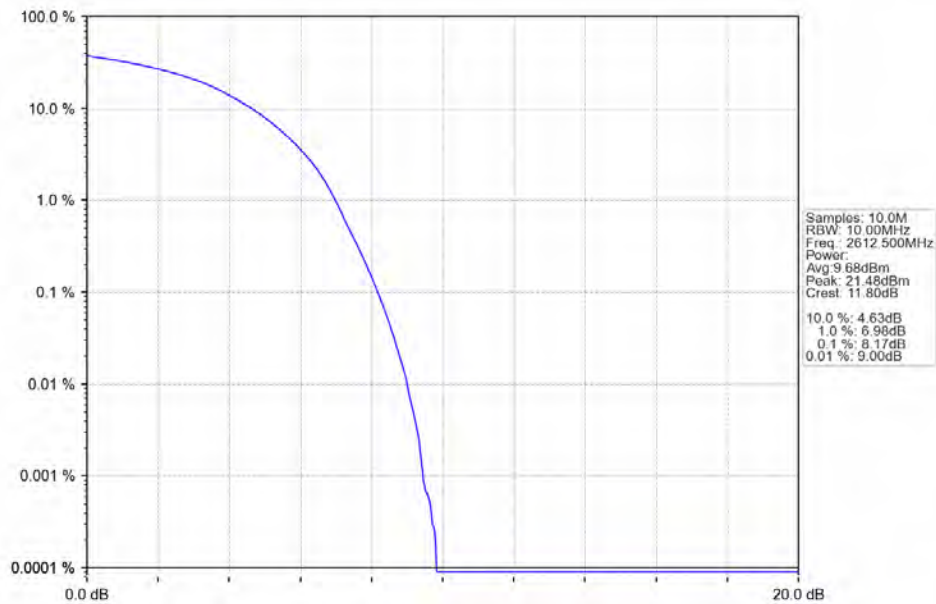
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV

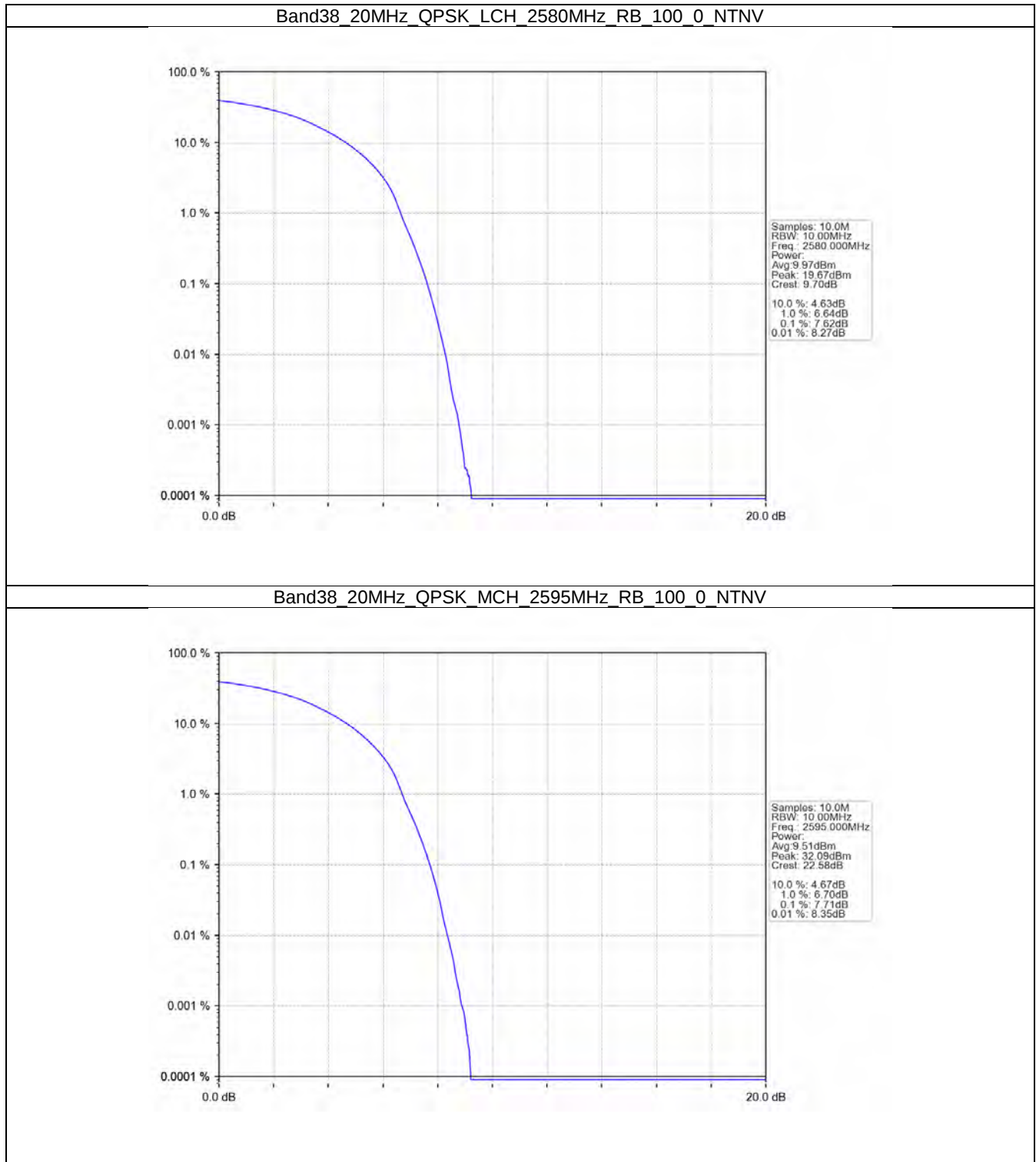


5.4 B38_20MHz

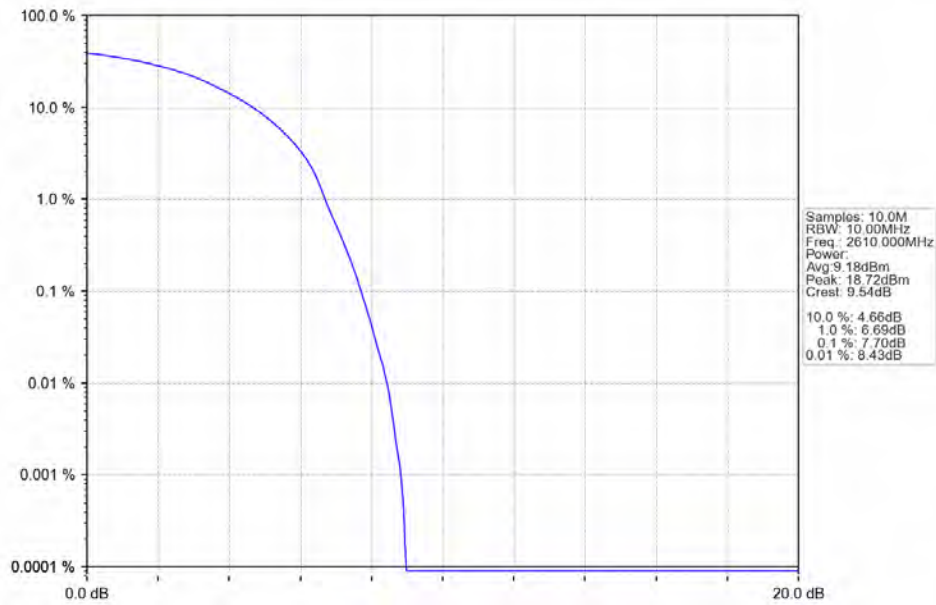
5.4.1 Test Result

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	100	0	7.62	<=13	Pass
	2595	100	0	7.71	<=13	Pass
	2610	100	0	7.70	<=13	Pass
16QAM	2580	100	0	8.69	<=13	Pass
	2595	100	0	8.70	<=13	Pass
	2610	100	0	8.51	<=13	Pass

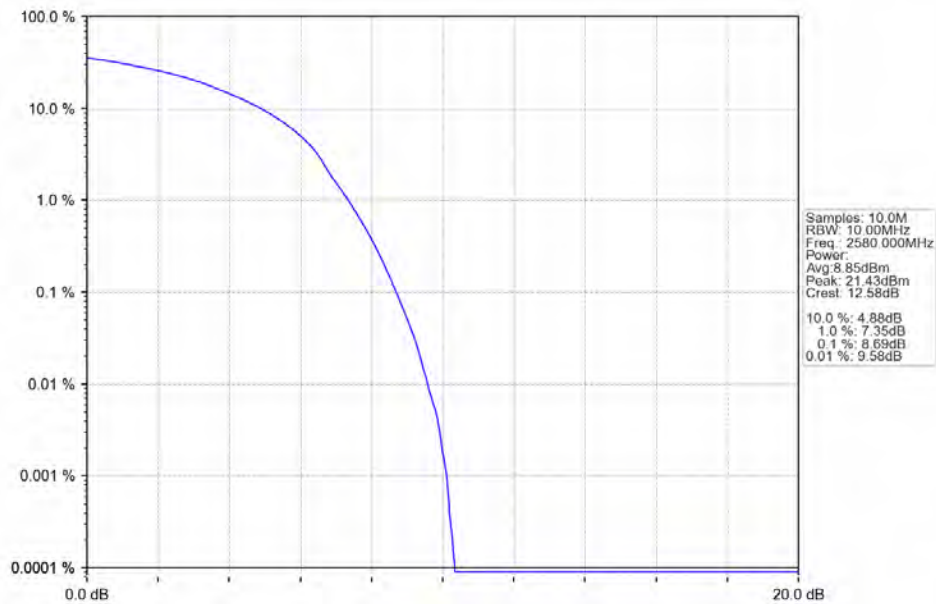
5.4.2 Test Graph



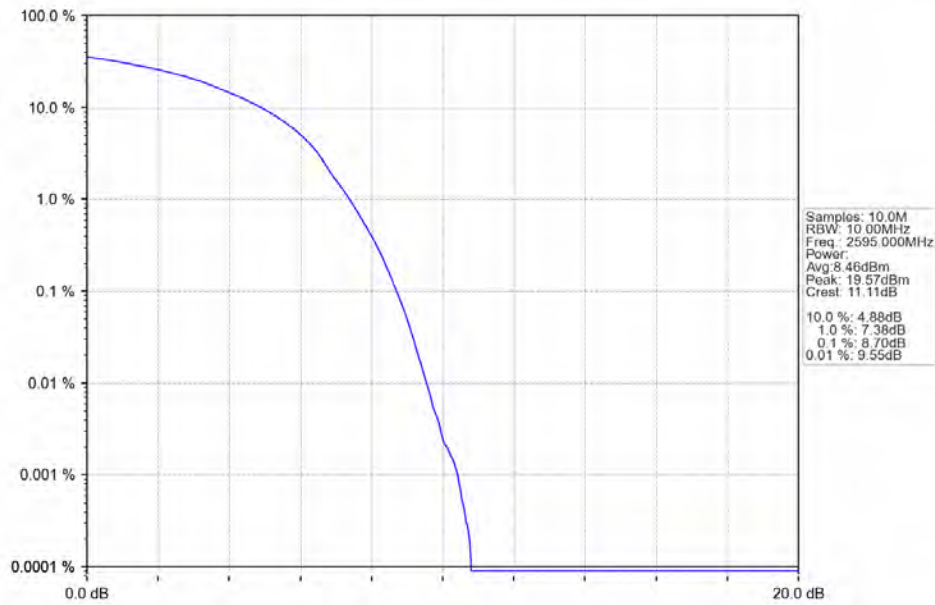
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



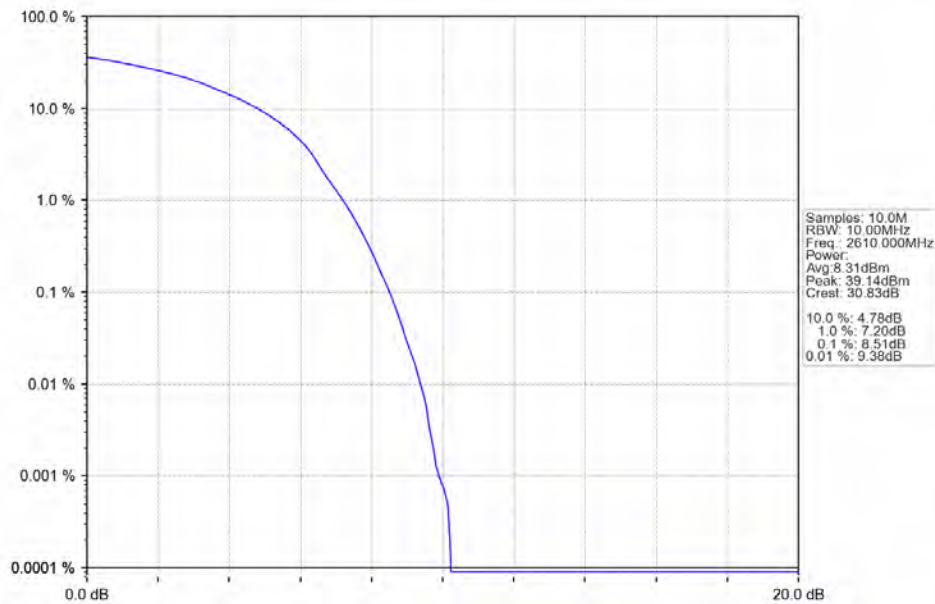
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



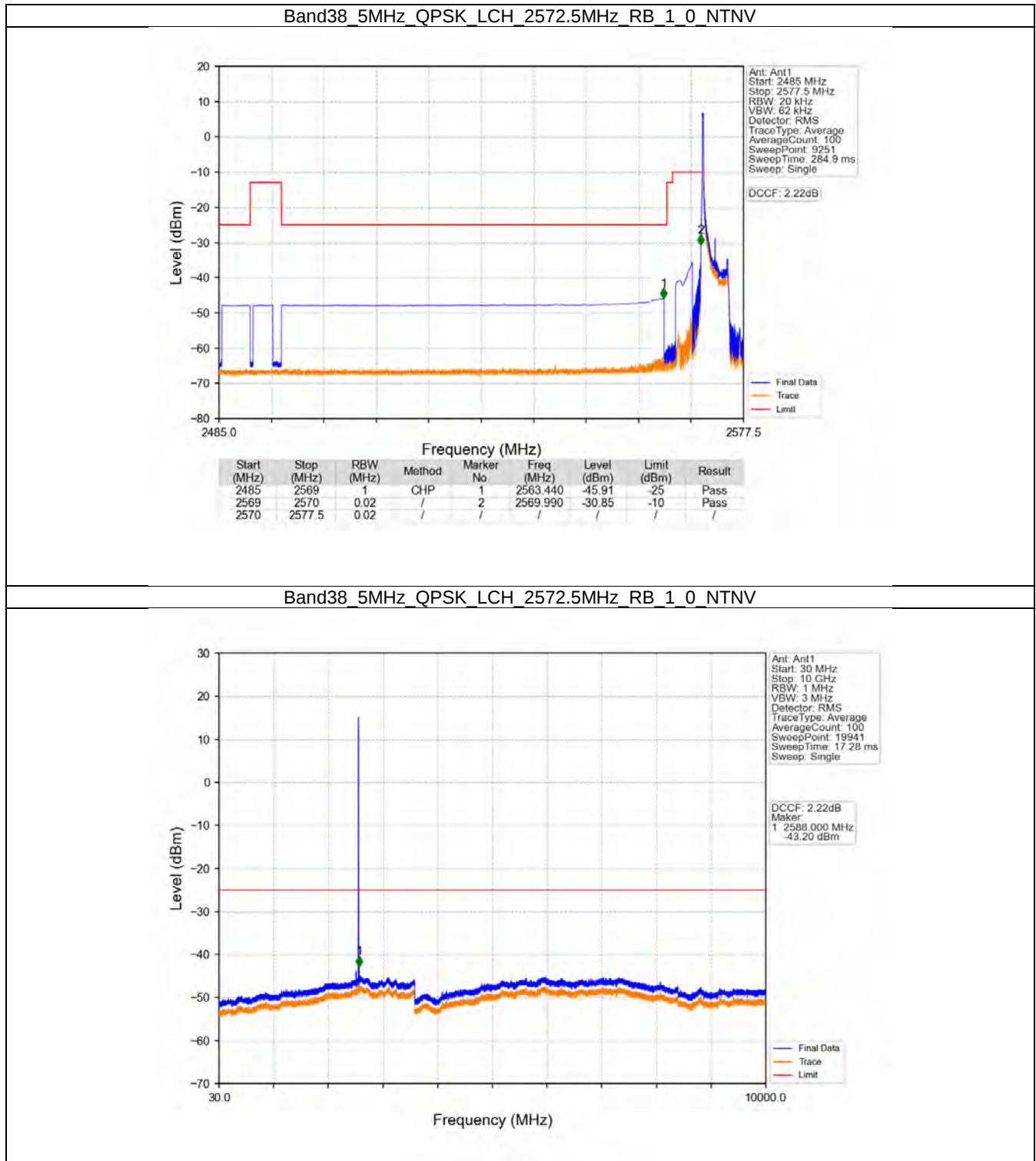
6. Spurious Emission

6.1 B38_5MHz

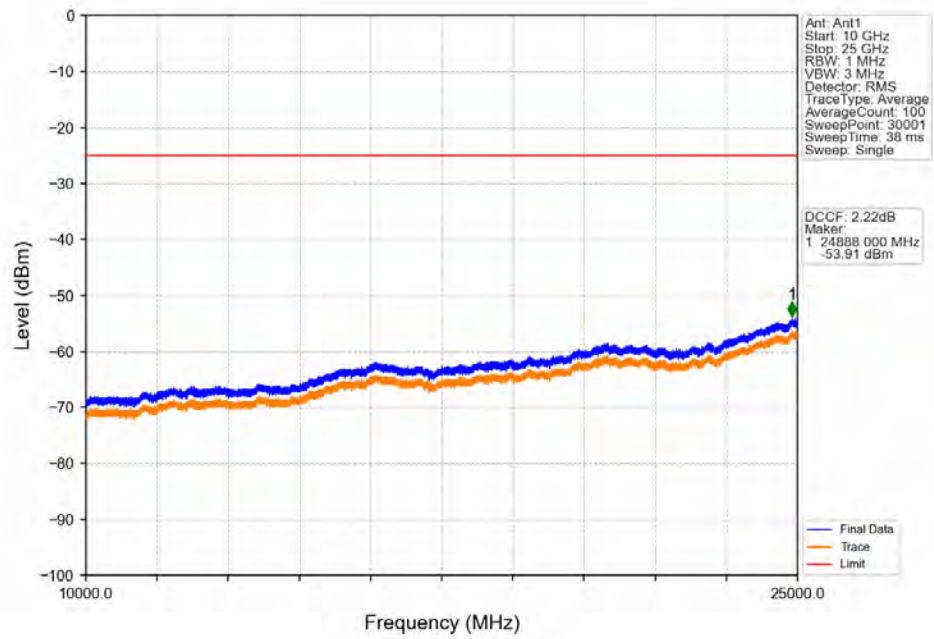
6.1.1 Test Result

Band: 38 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2572.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2595	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
16QAM	2572.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2595	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

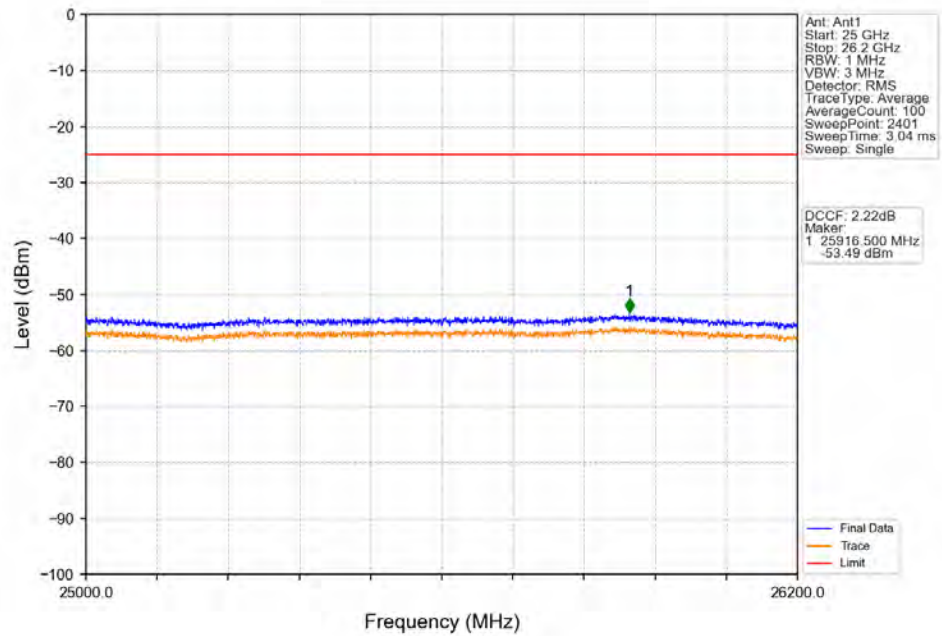
6.1.2 Test Graph



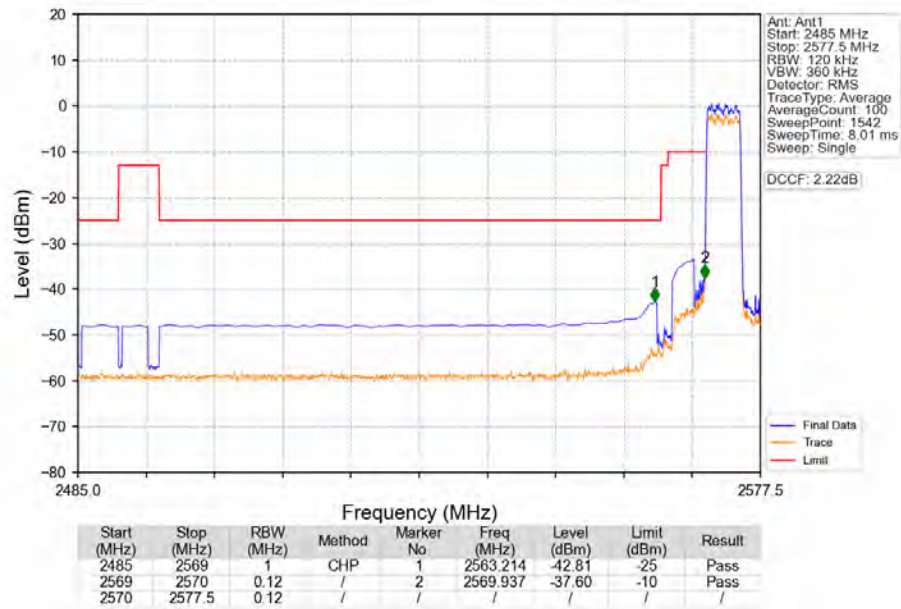
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



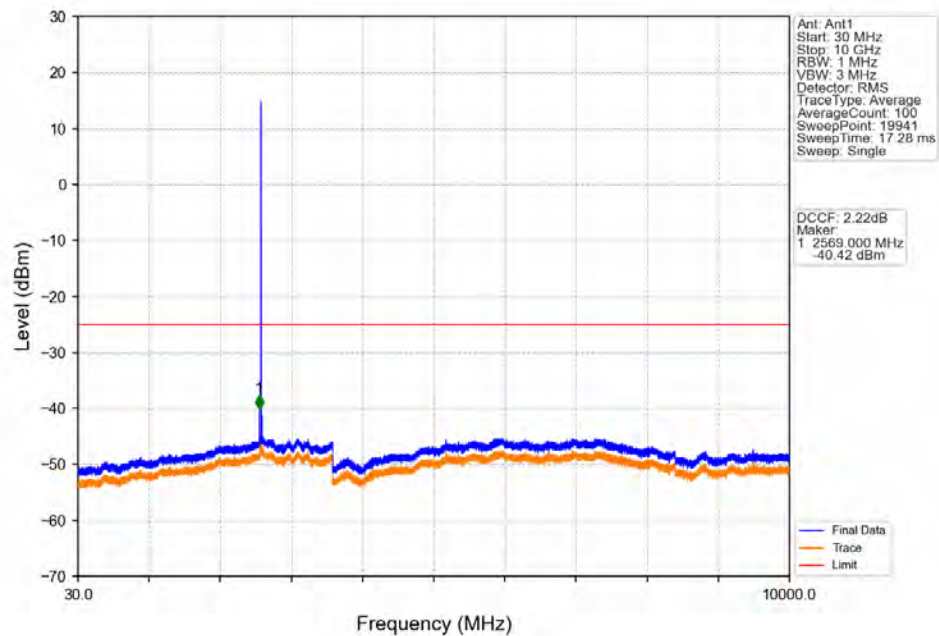
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



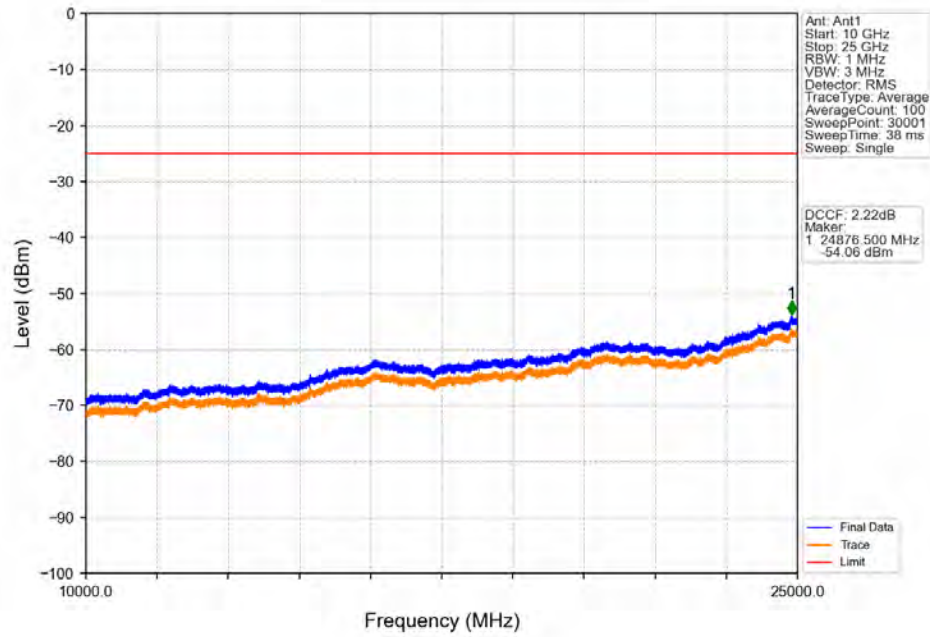
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



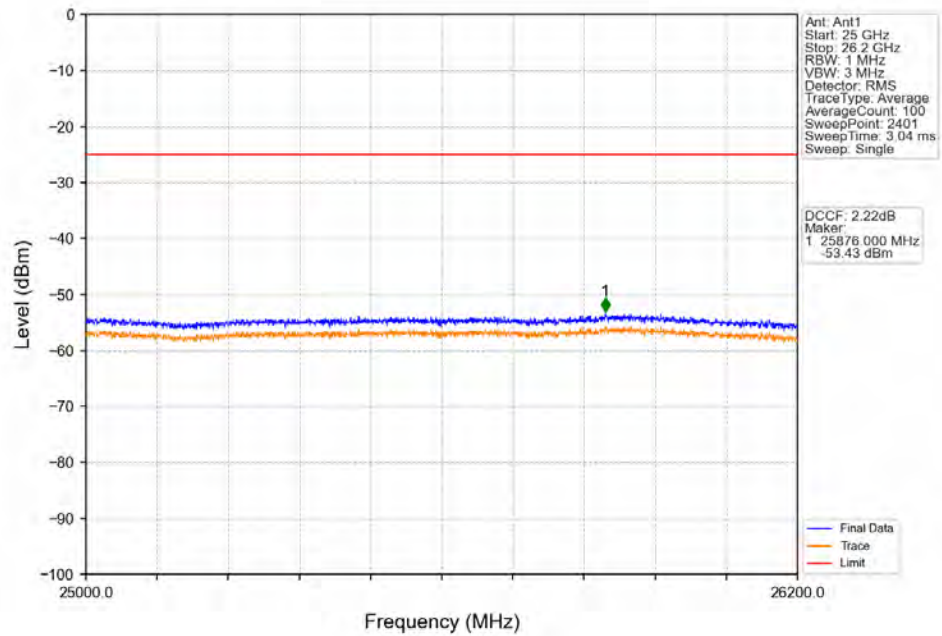
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



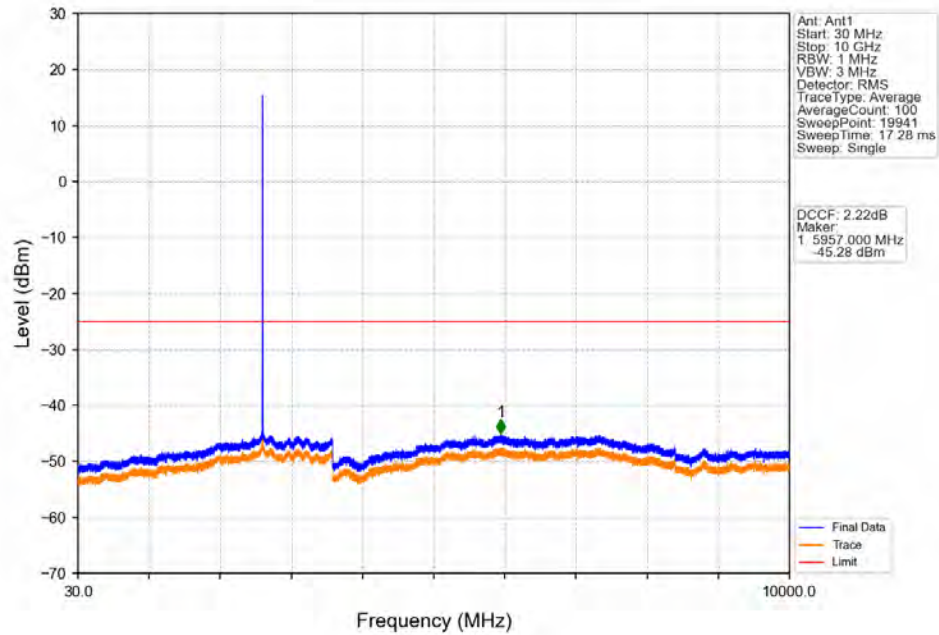
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



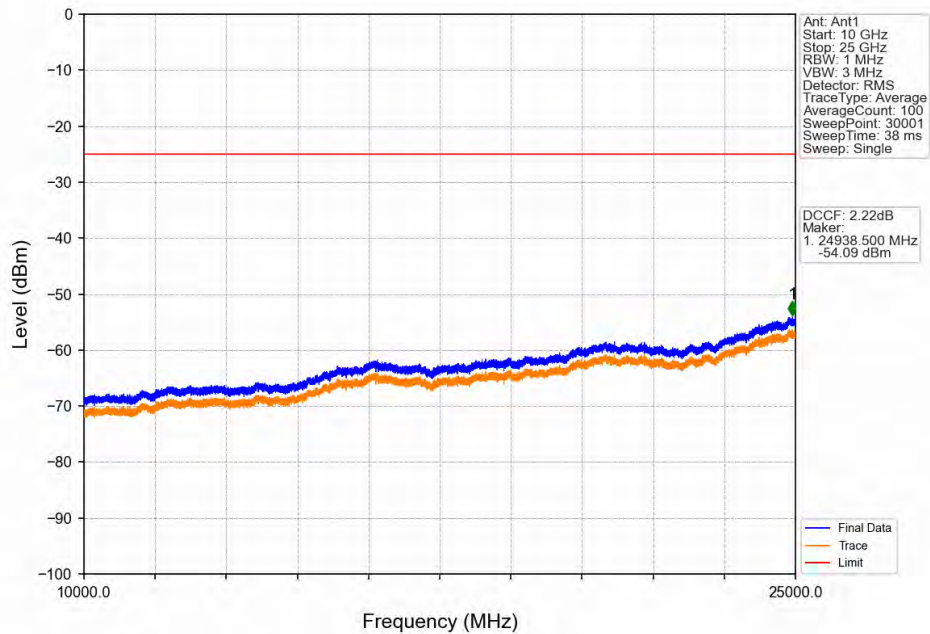
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



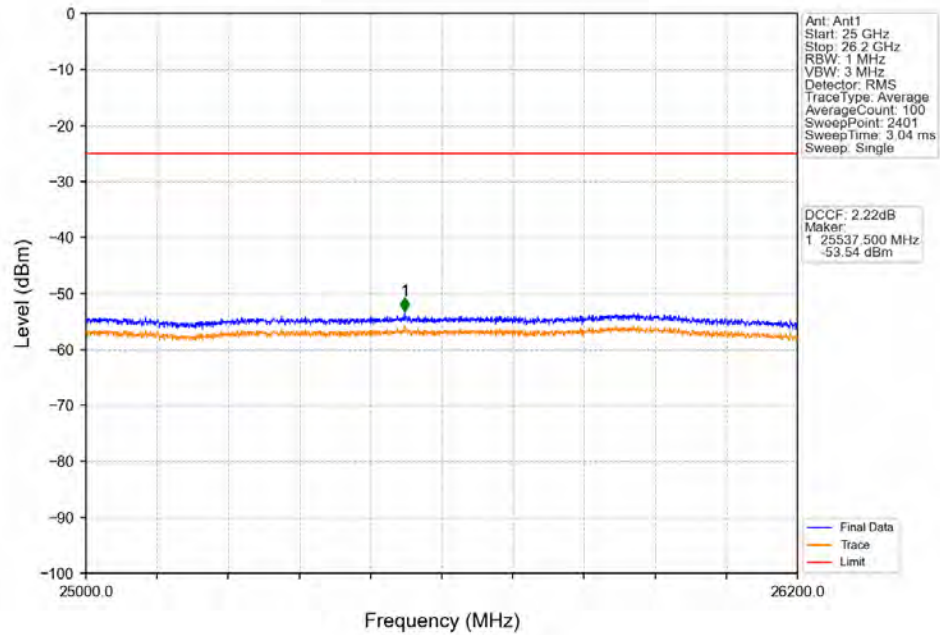
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



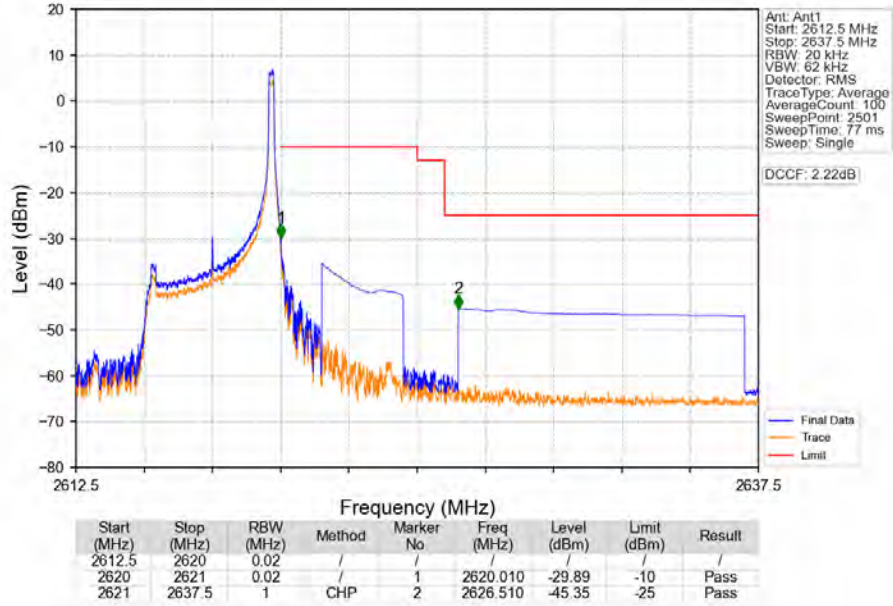
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



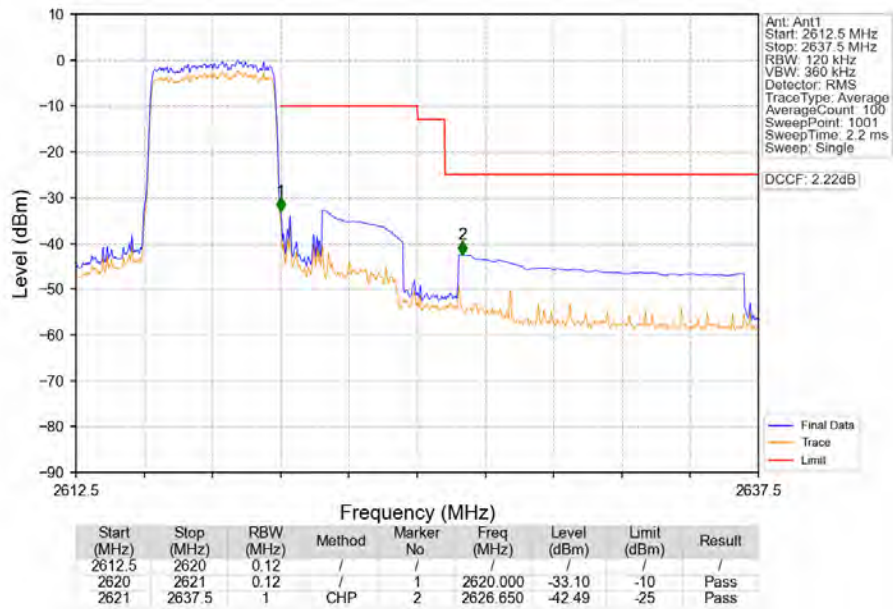
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



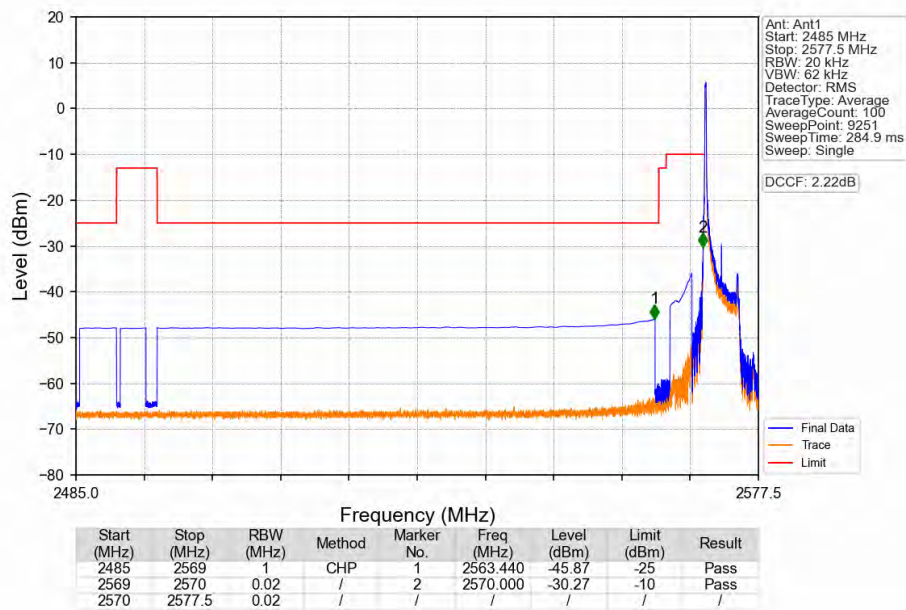
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



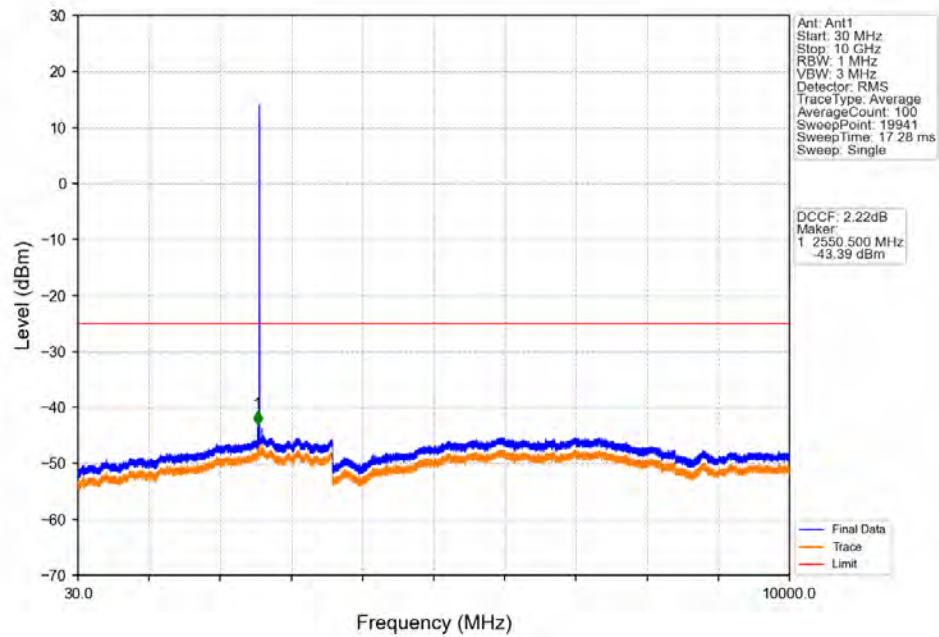
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



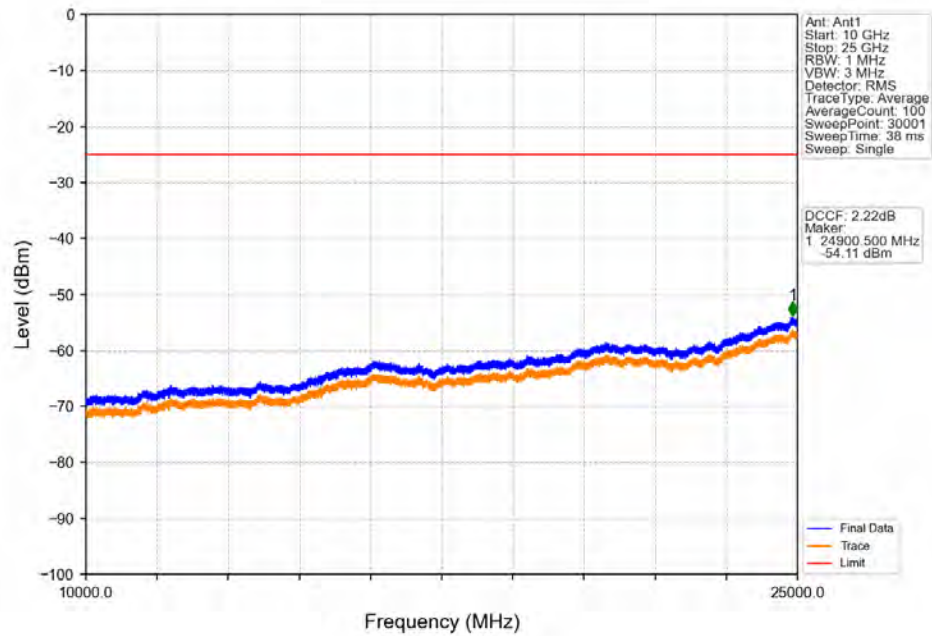
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



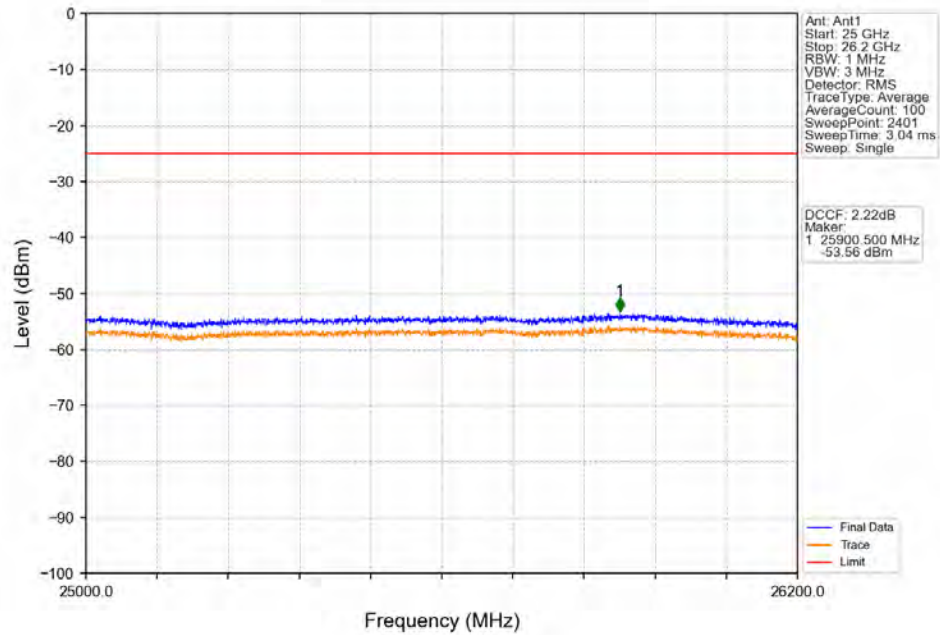
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



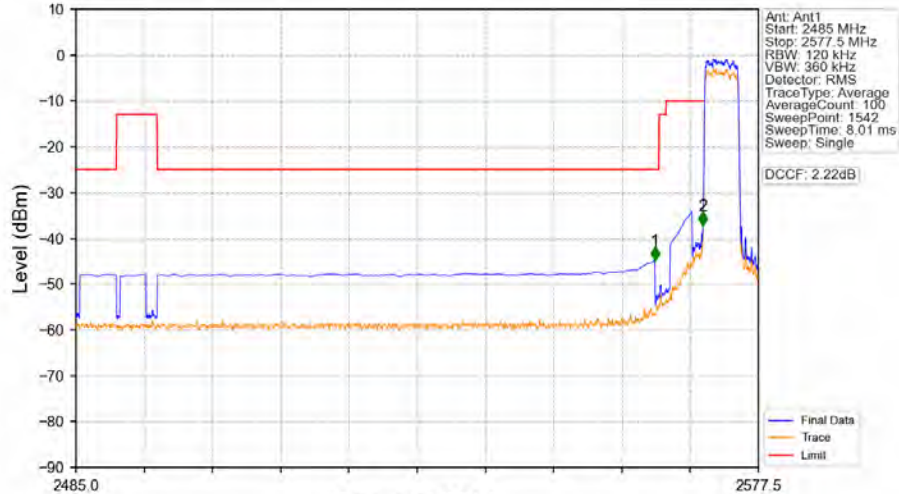
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV

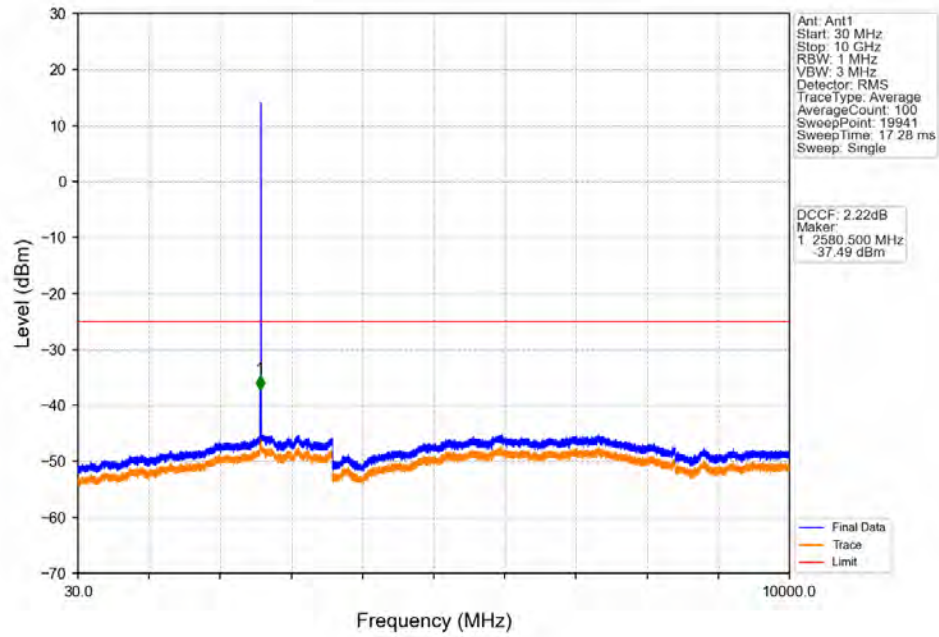


Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV

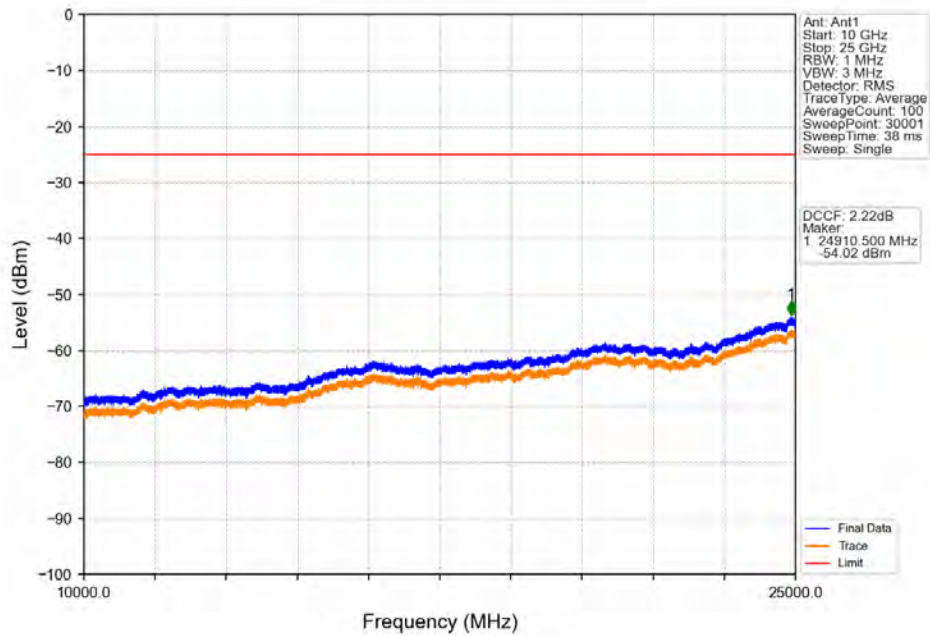


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2563.454	-44.86	-25	Pass
2569	2570	0.12	/	2	2569.997	-37.26	-10	Pass
2570	2577.5	0.12	/	/	/	/	/	/

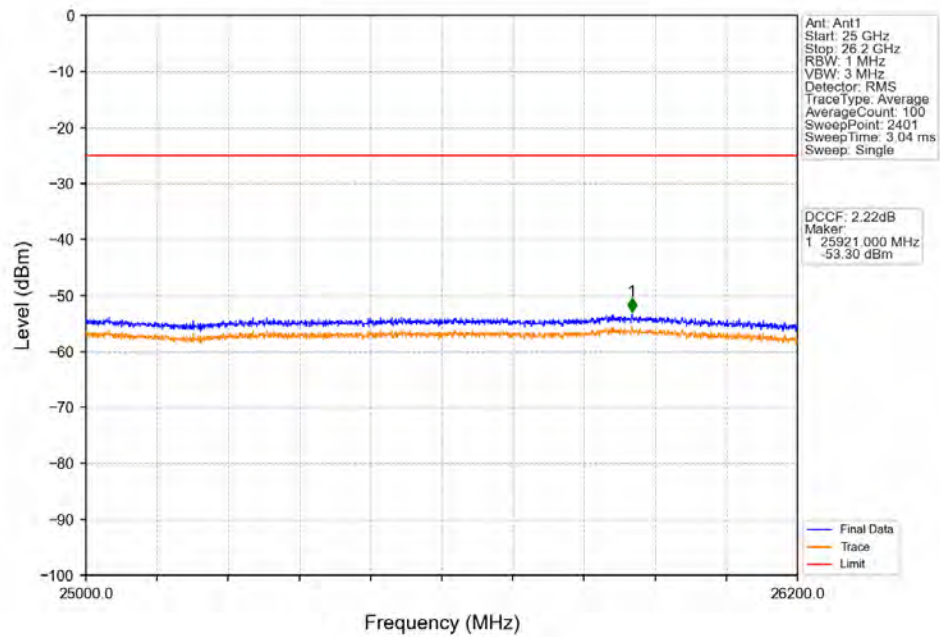
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



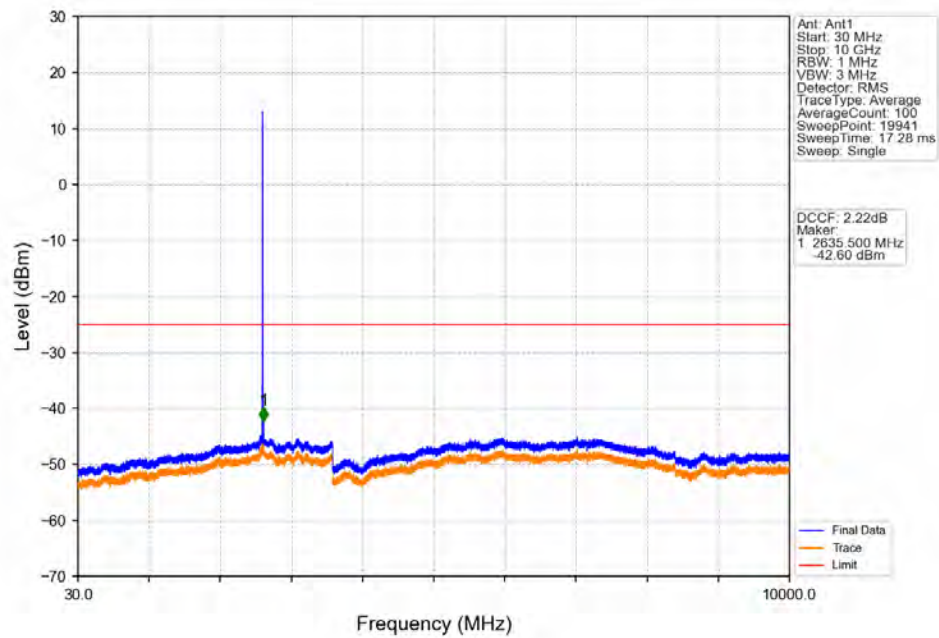
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



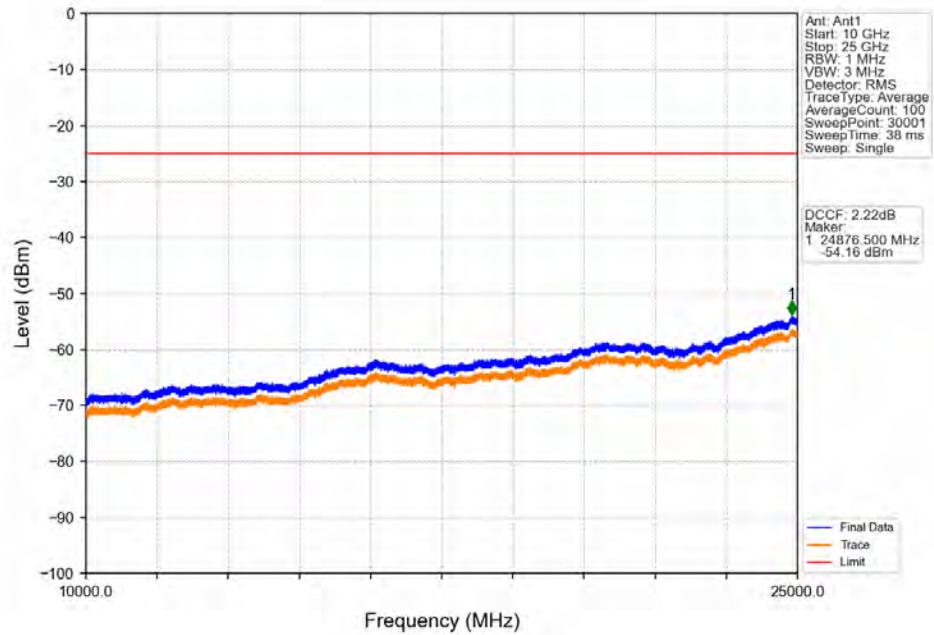
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



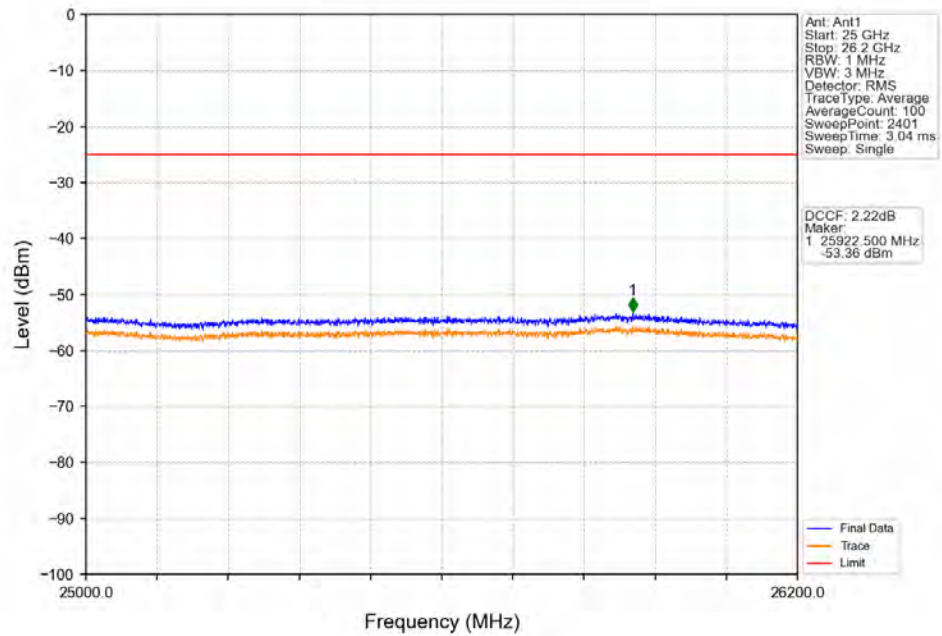
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



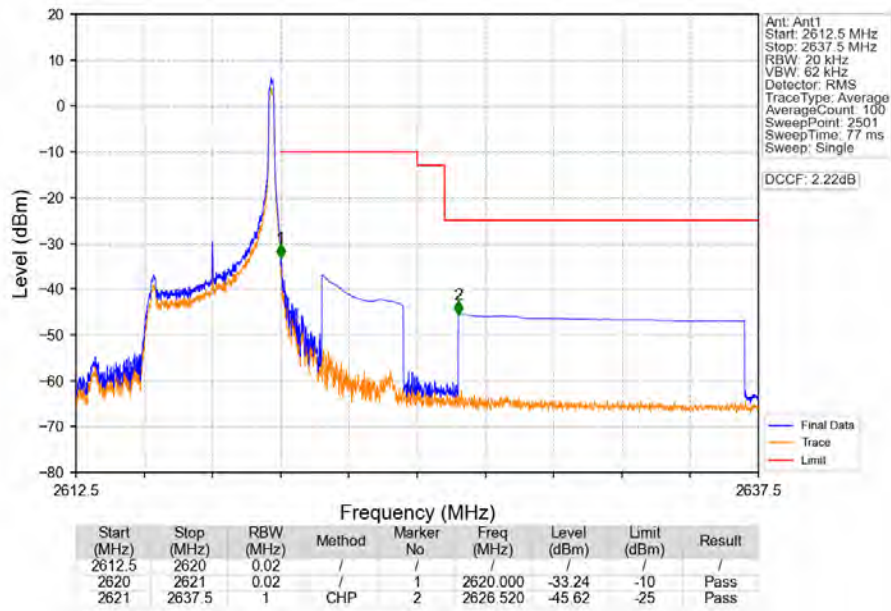
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



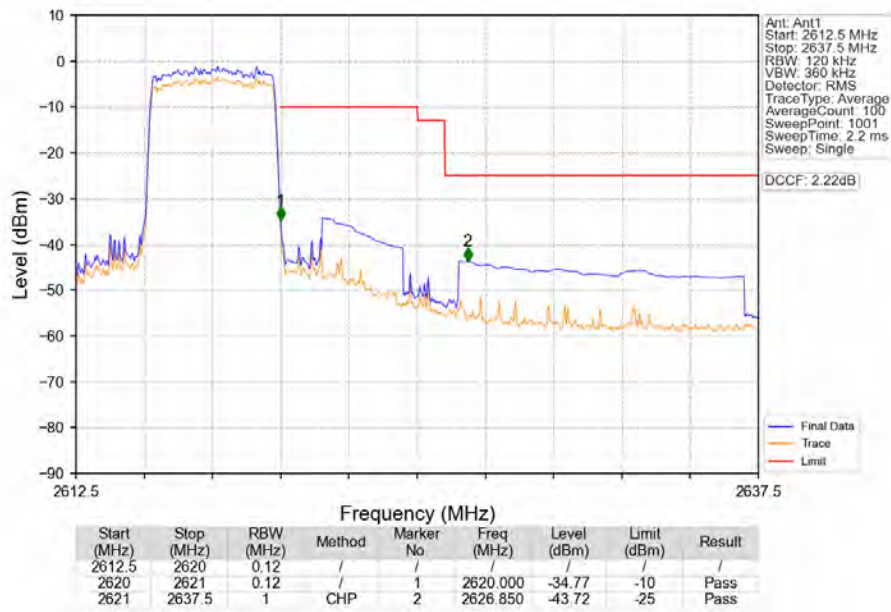
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_24_NTNV



Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



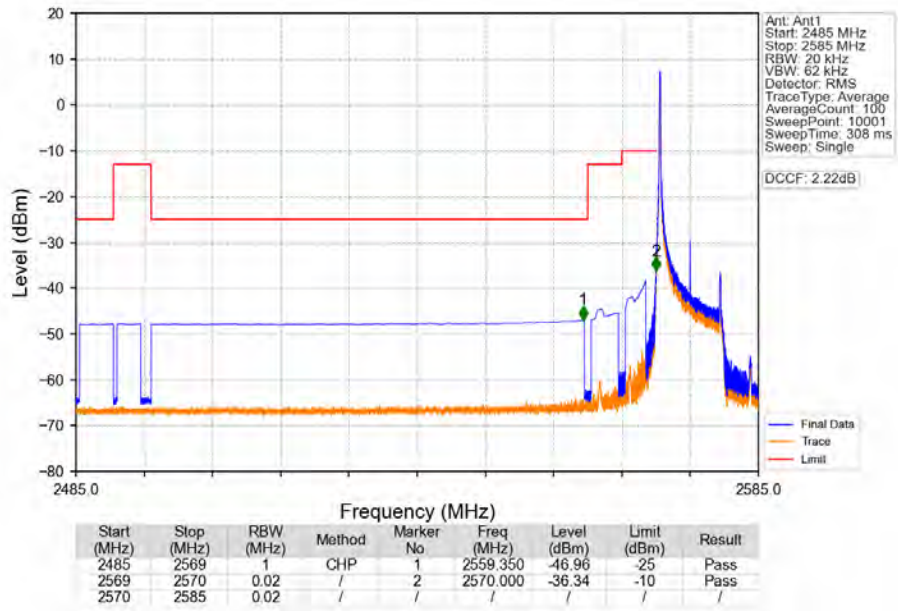
6.2 B38_10MHz

6.2.1 Test Result

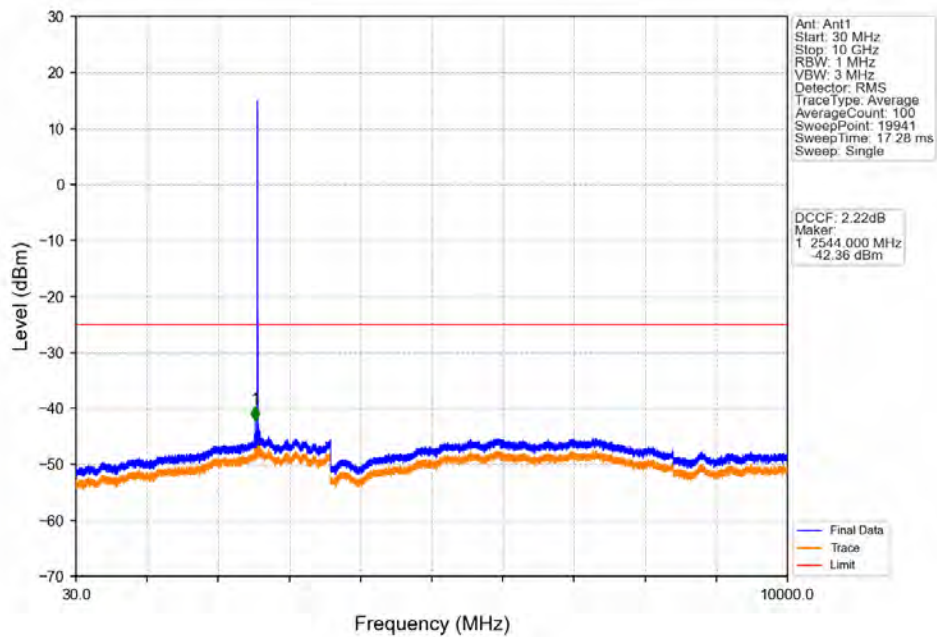
Band: 38 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2615	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2575	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2615	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

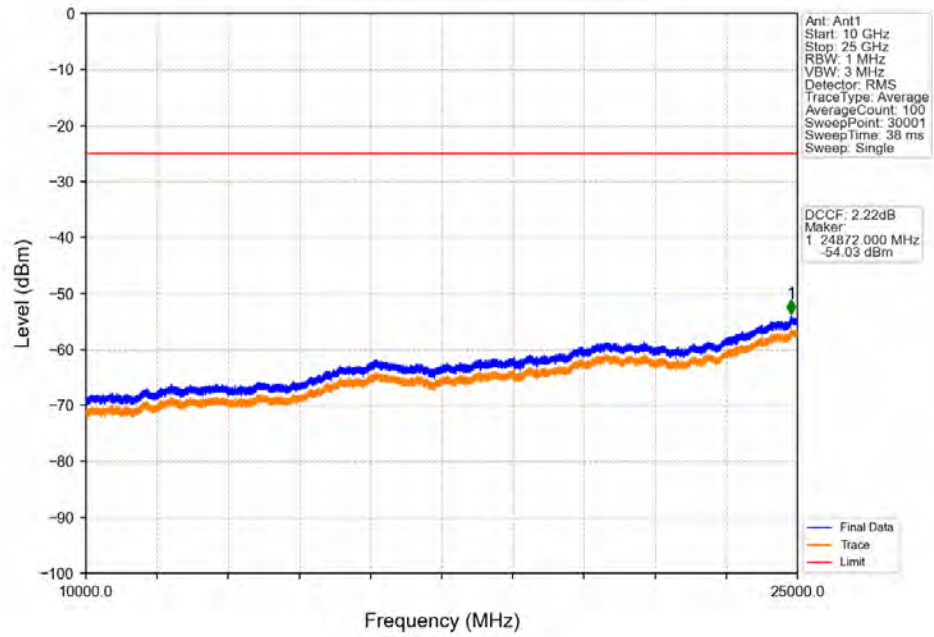
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



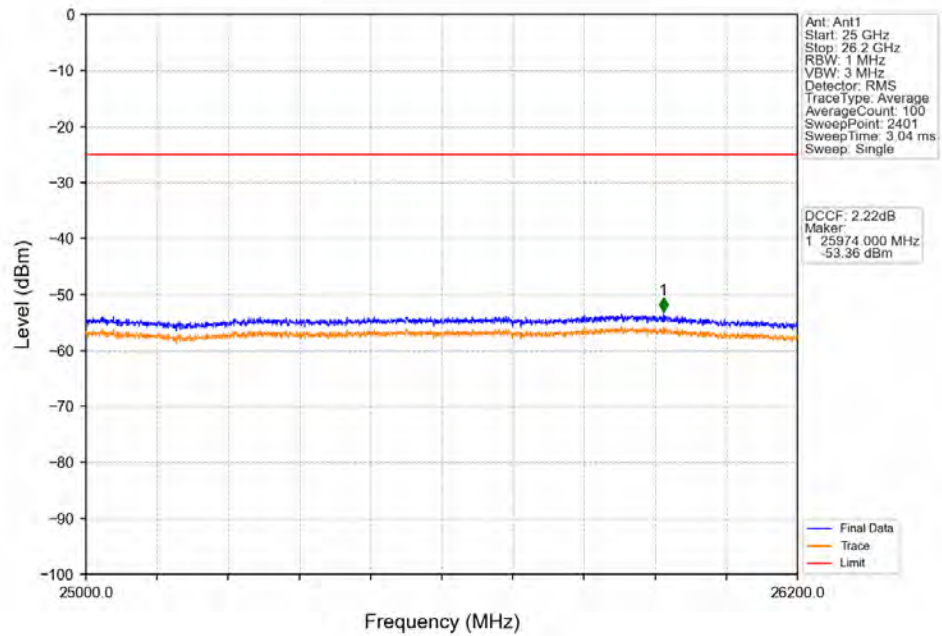
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



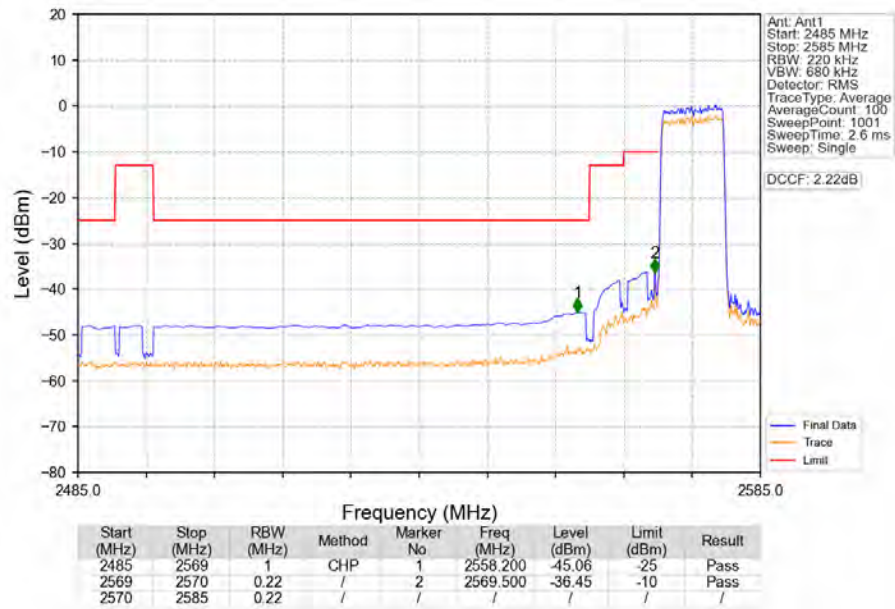
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



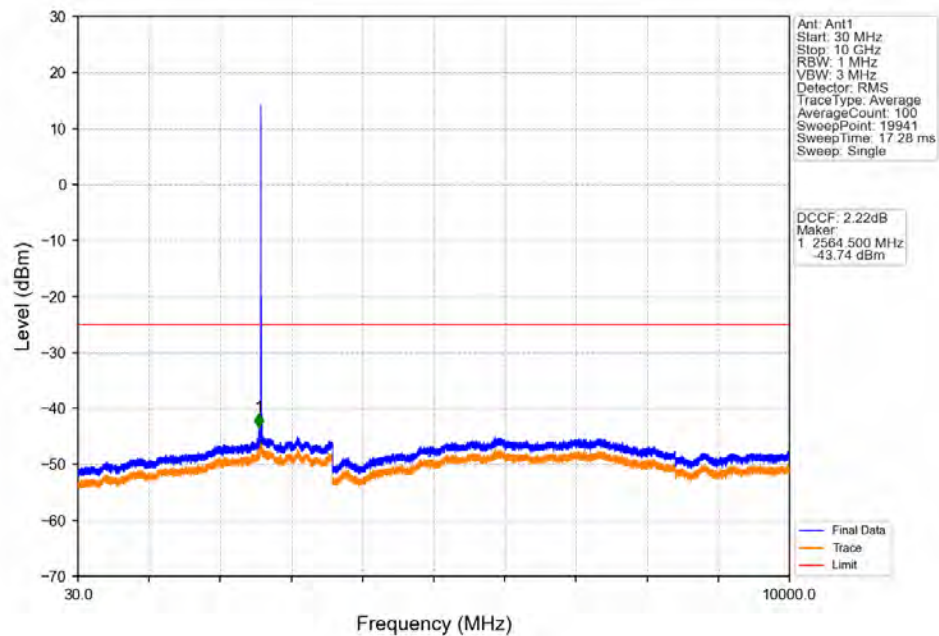
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



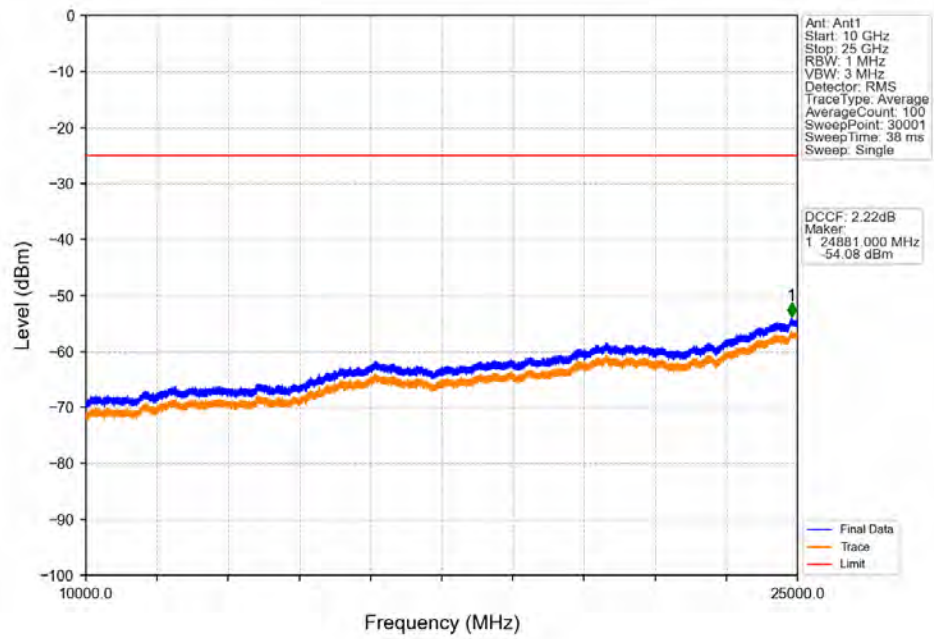
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



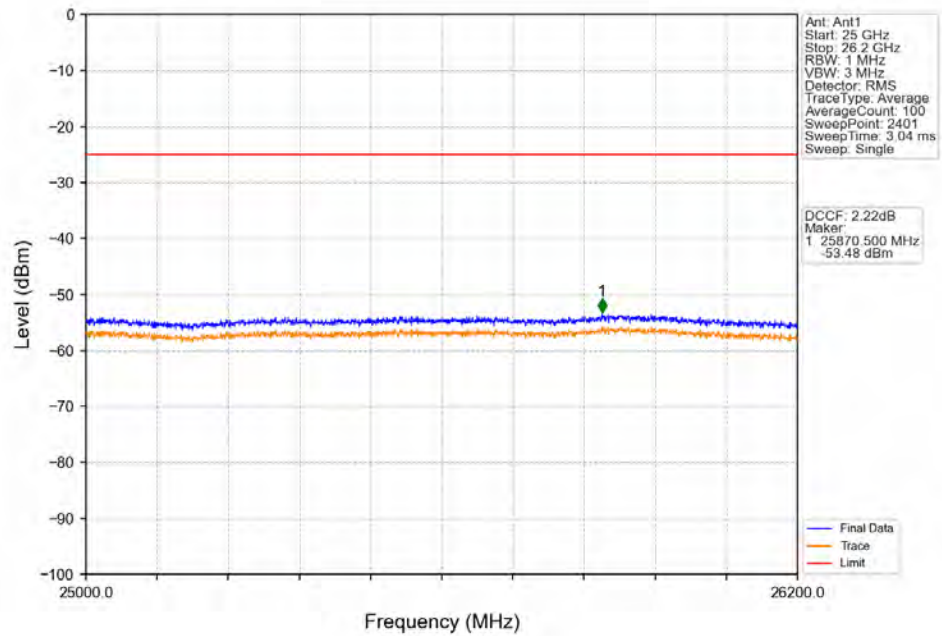
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



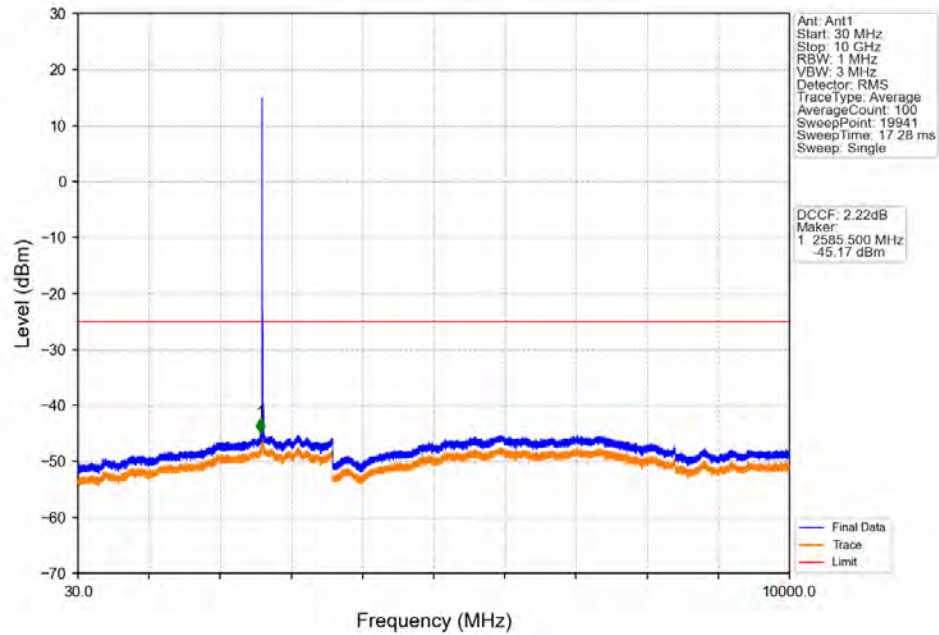
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



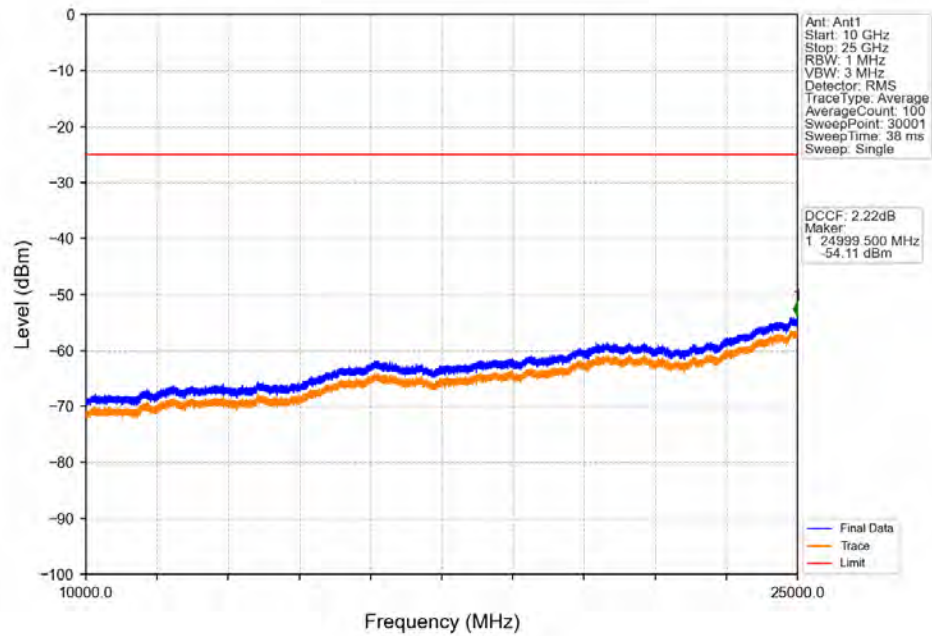
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



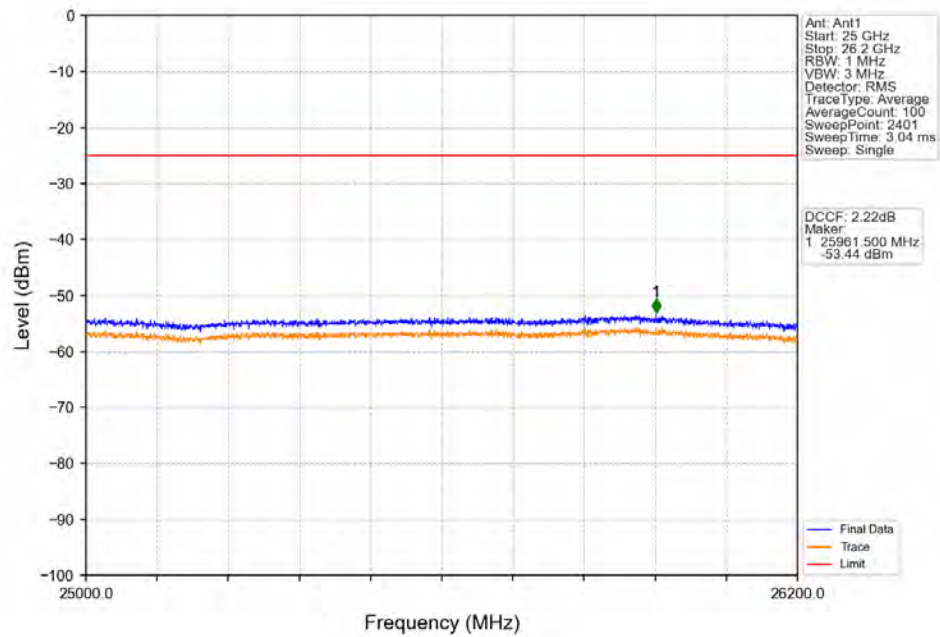
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



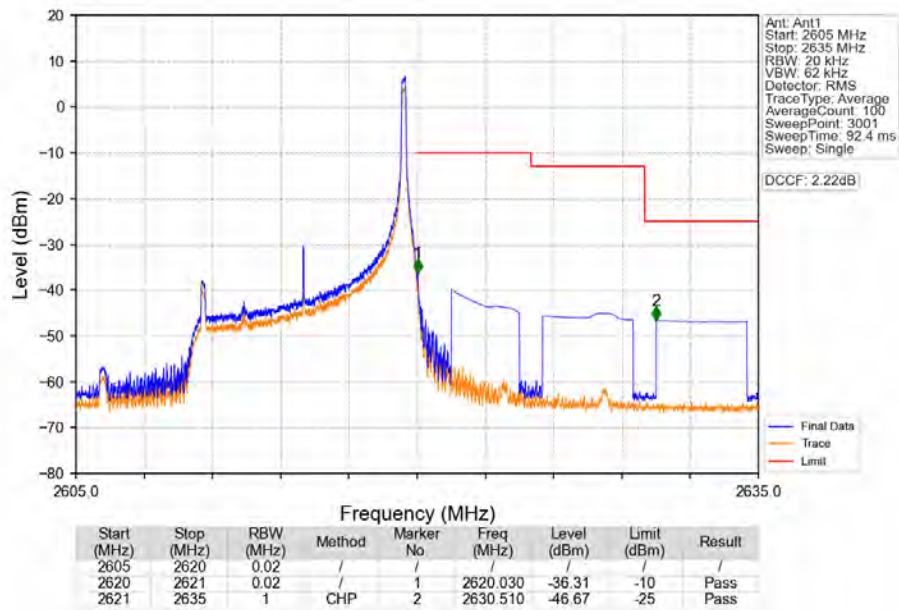
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



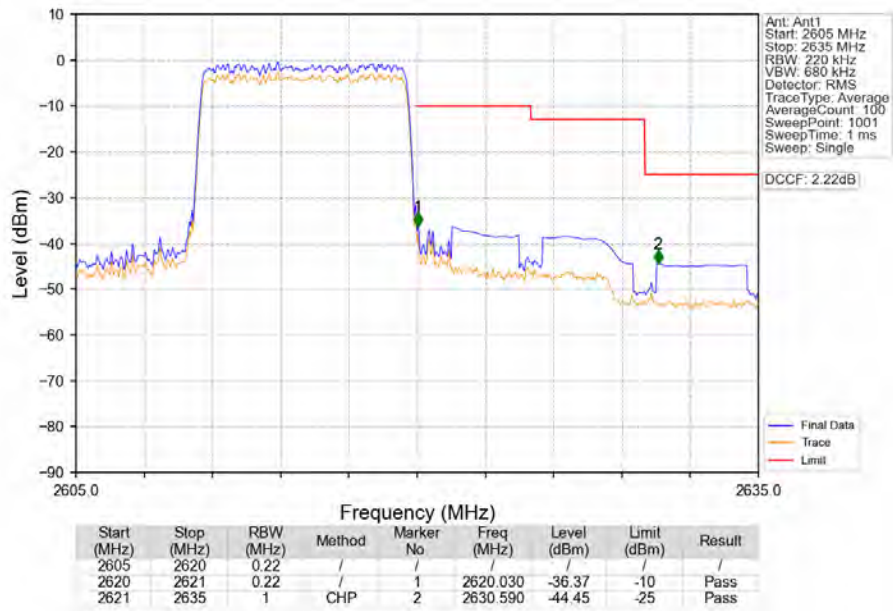
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



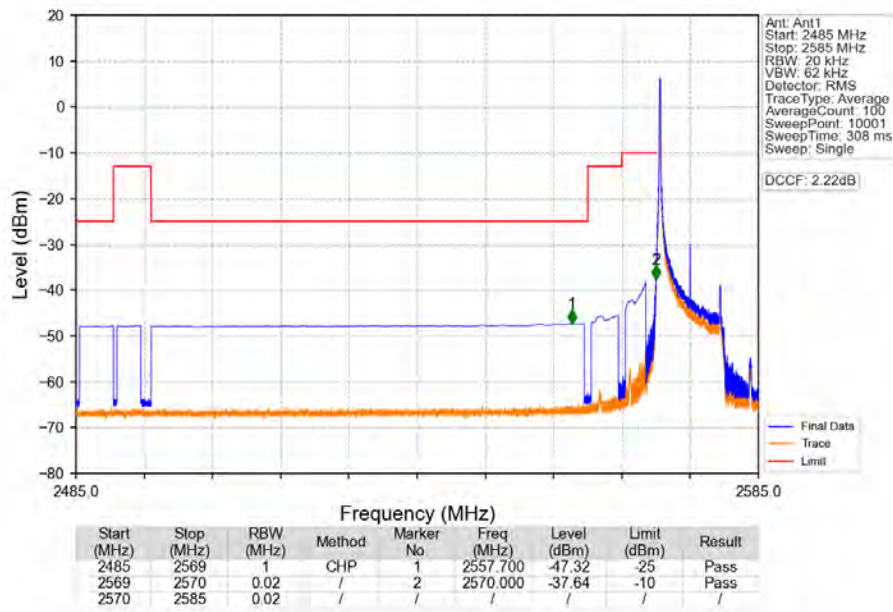
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV



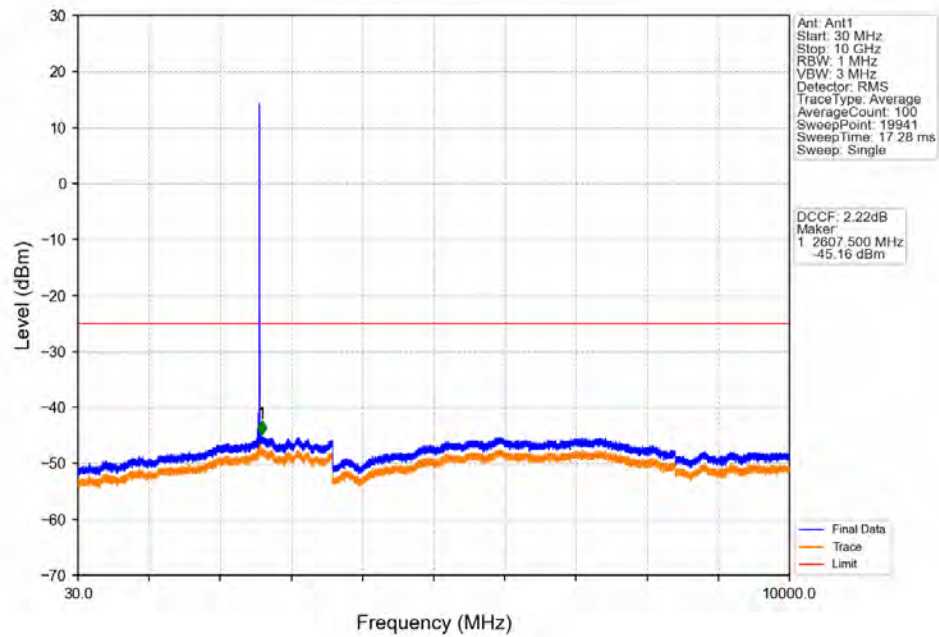
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



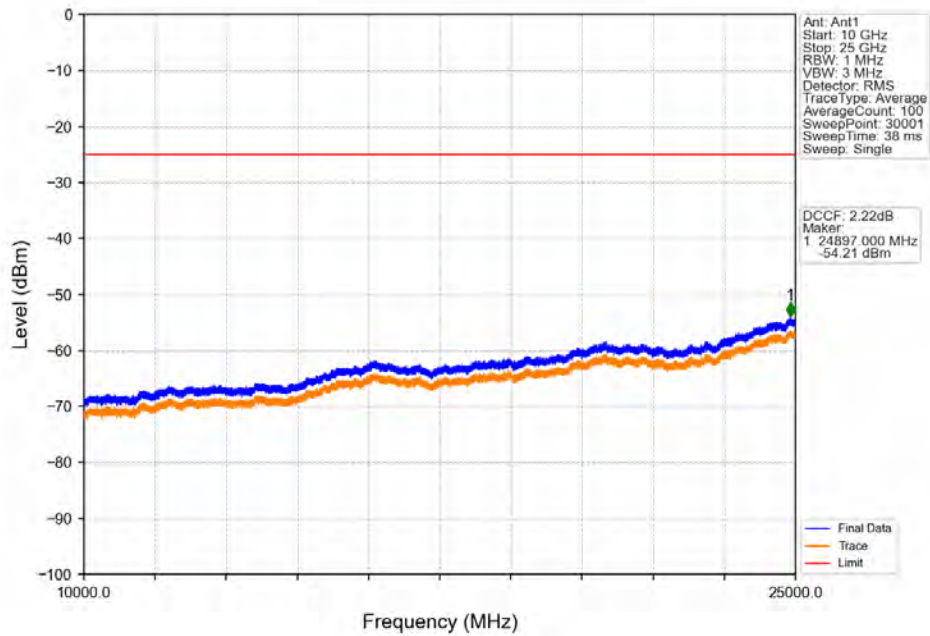
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



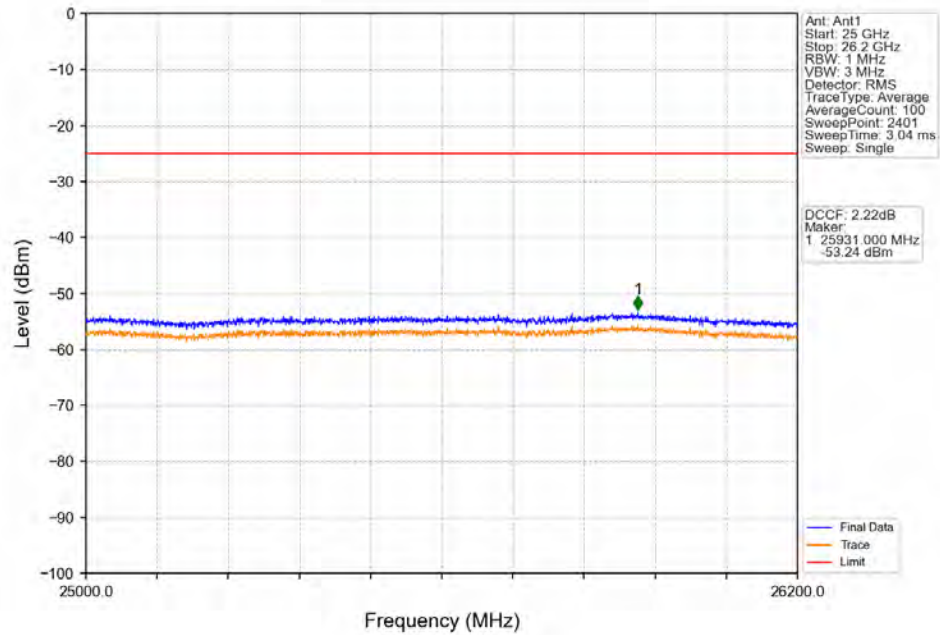
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



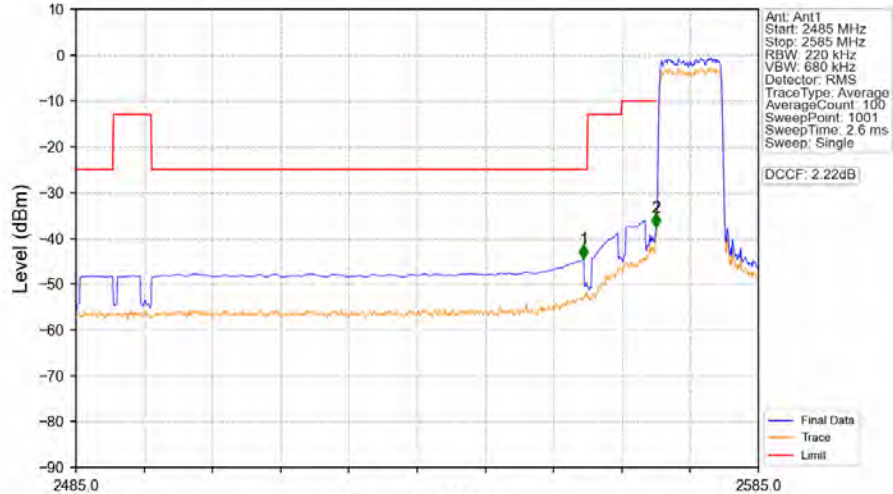
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV

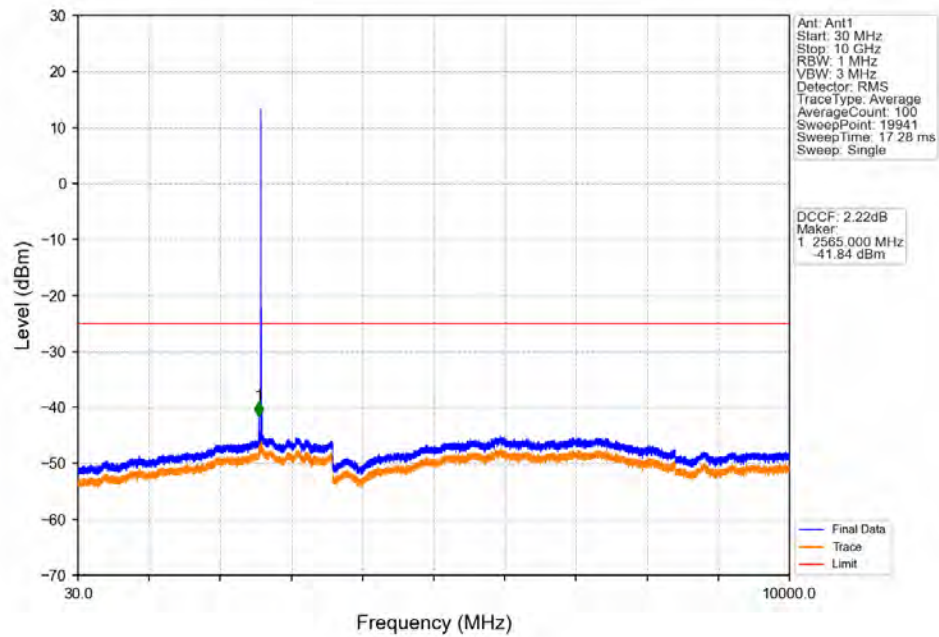


Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV

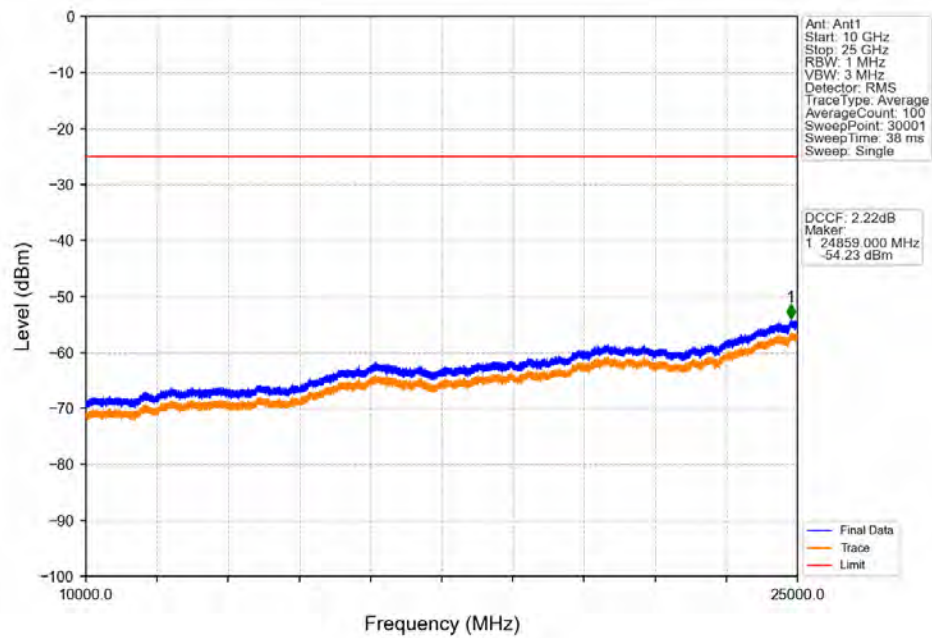


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2559.400	-44.52	-25	Pass
2569	2570	0.22	/	2	2570.000	-37.58	-10	Pass
2570	2585	0.22	/	/	/	/	/	/

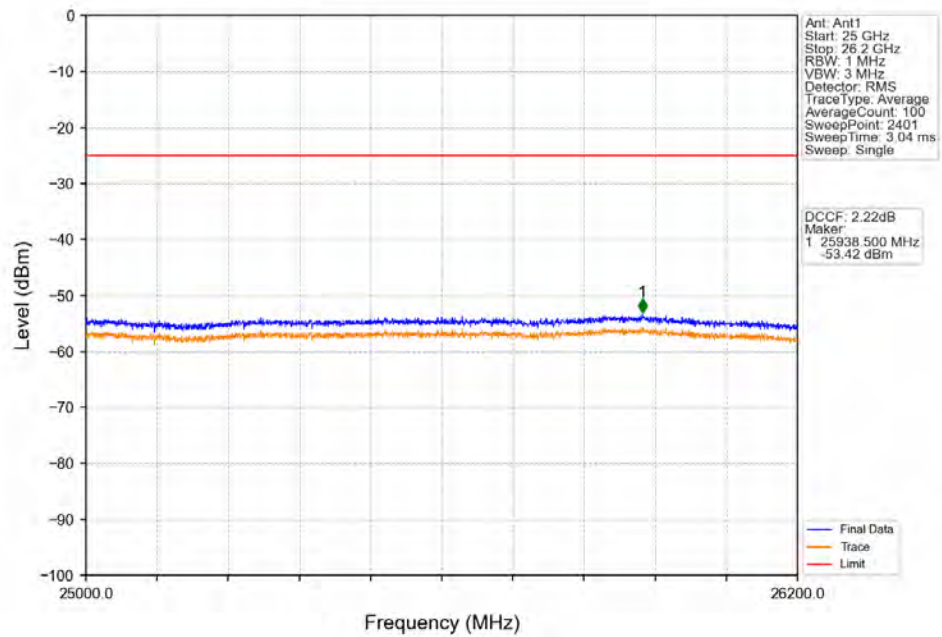
Band38_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



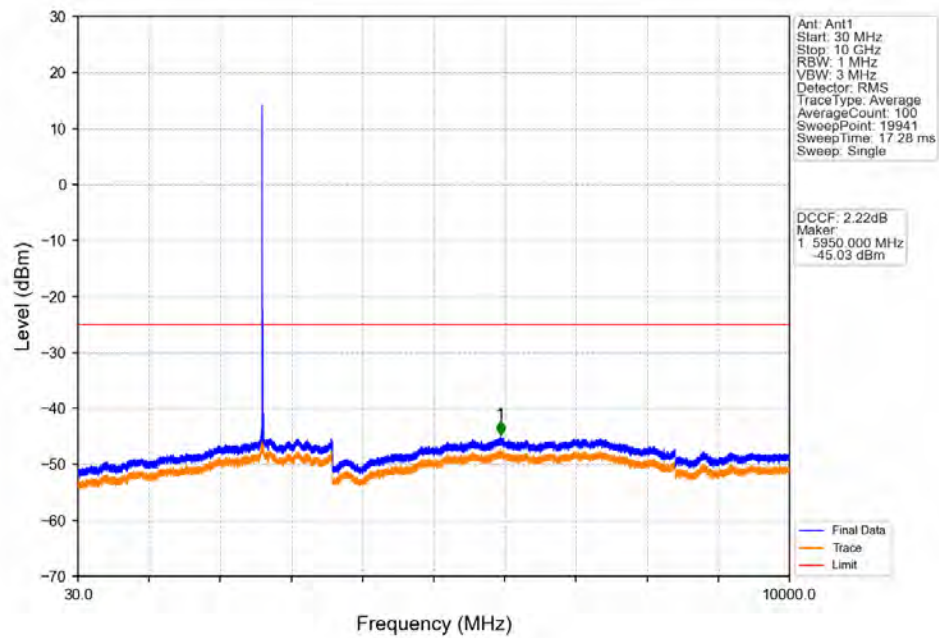
Band38_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



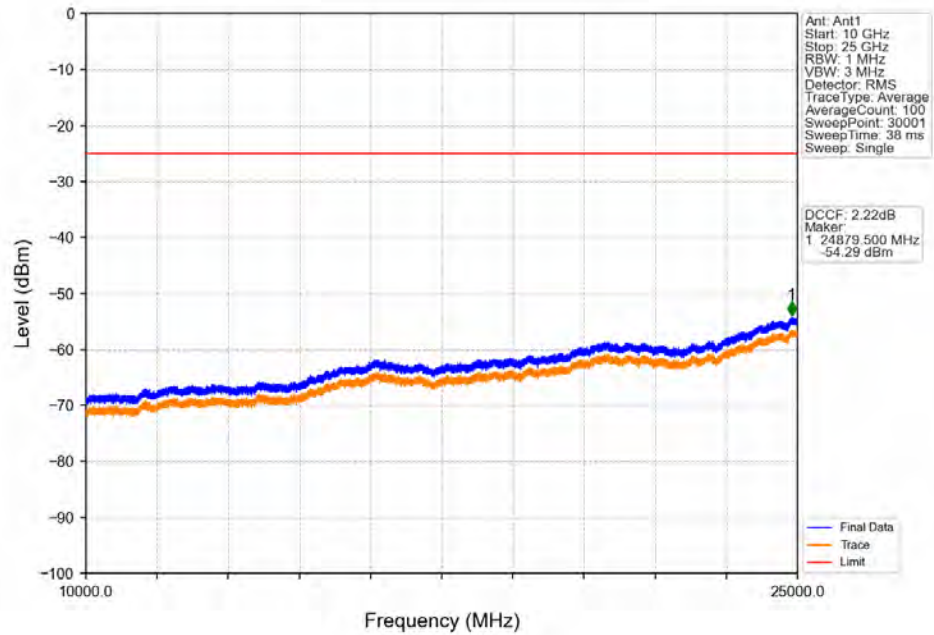
Band38_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



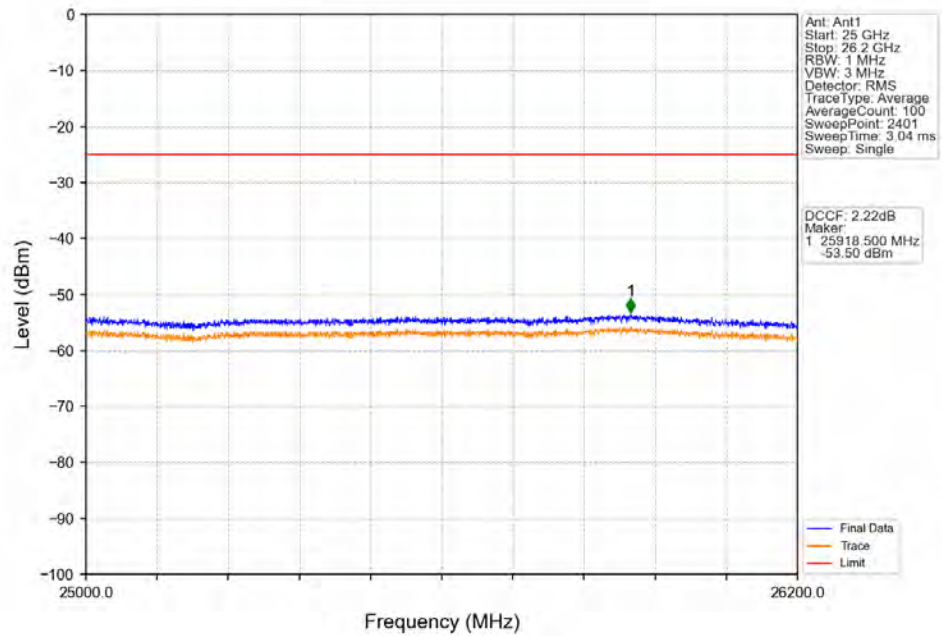
Band38_10MHz_16QAM_HCH_2615MHz_RB_1_0_NTNV



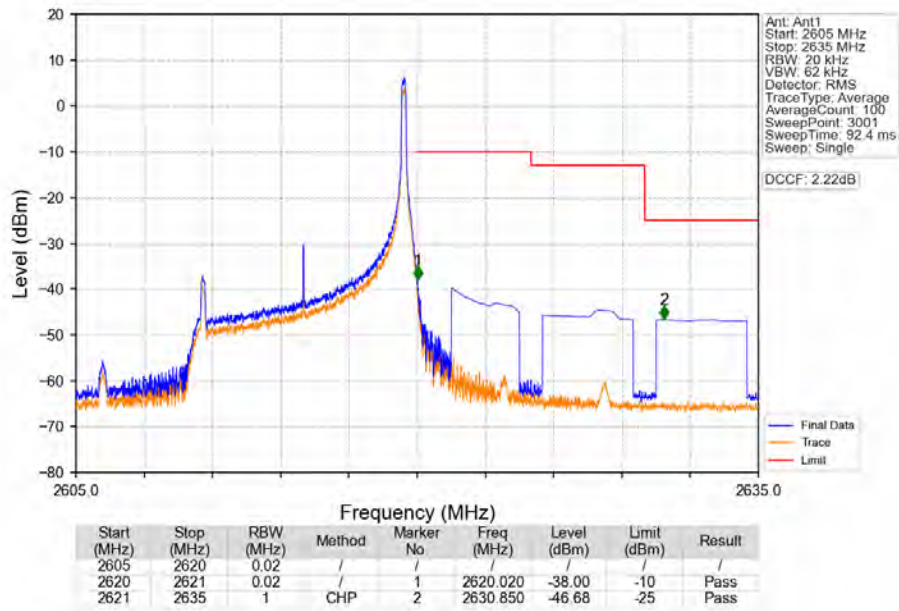
Band38_10MHz_16QAM_HCH_2615MHz_RB_1_0_NTNV



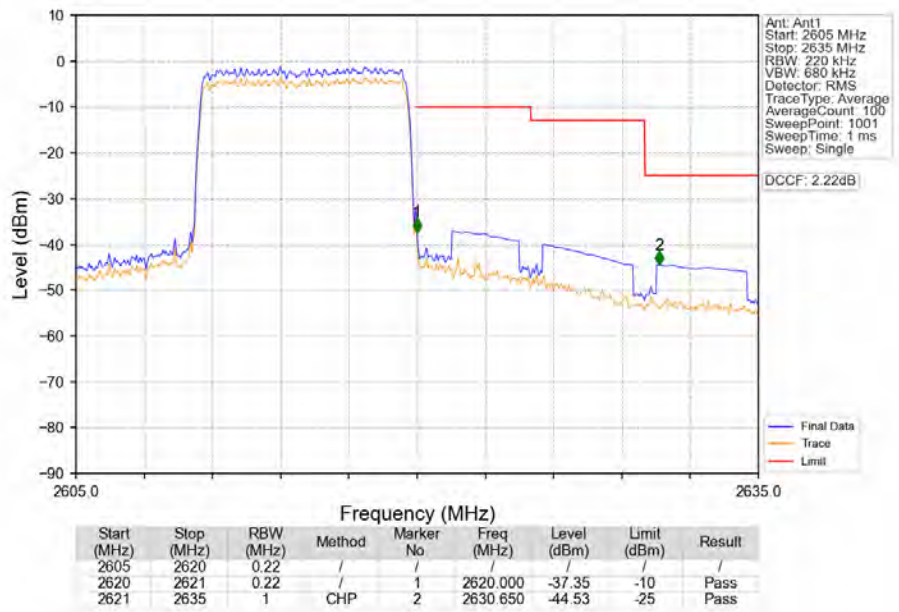
Band38_10MHz_16QAM_HCH_2615MHz_RB_1_0_NTNV



Band38 10MHz 16QAM HCH 2615MHz RB 1 49 NTNV



Band38 10MHz 16QAM HCH 2615MHz RB 50 0 NTNV

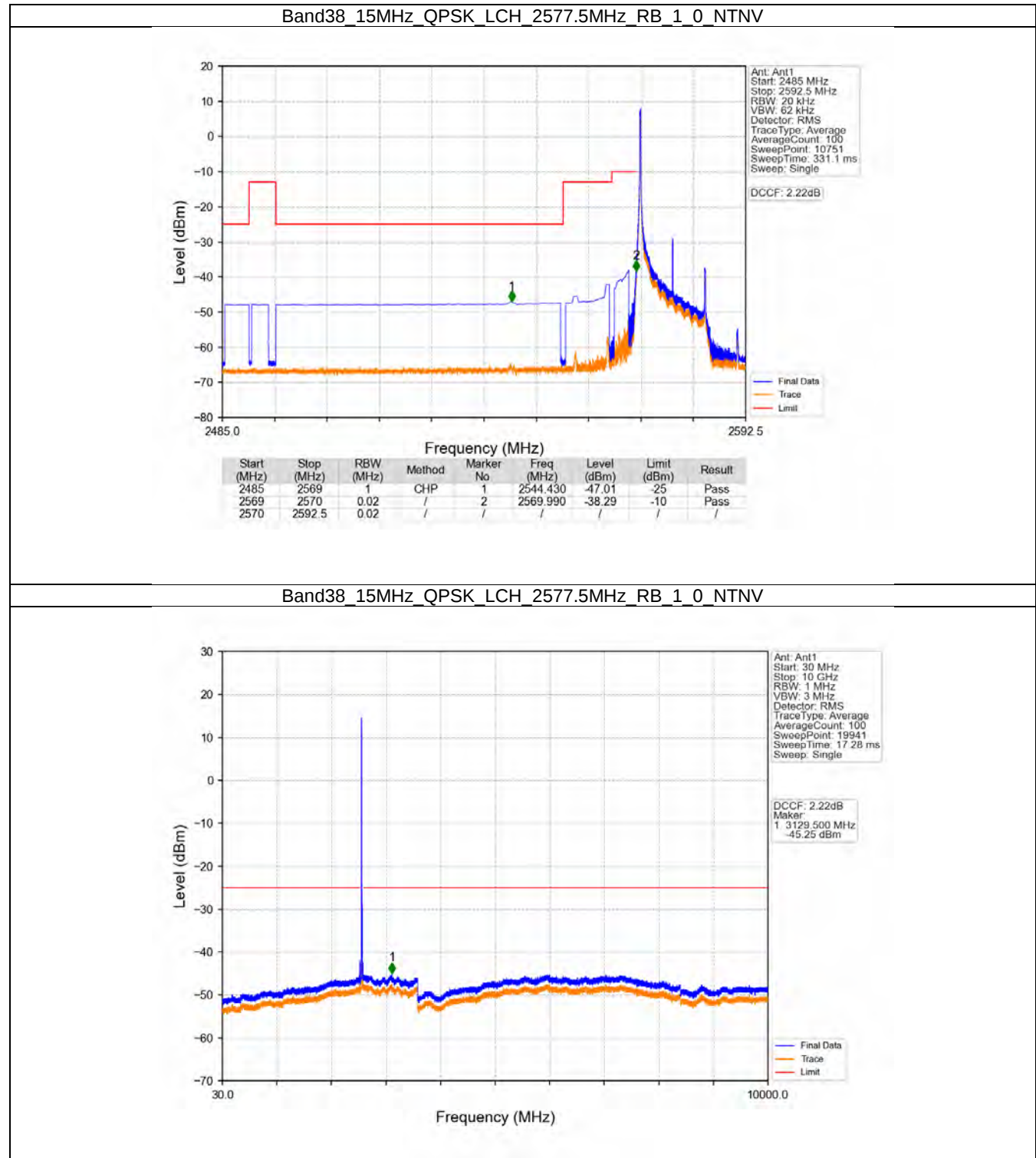


6.3 B38_15MHz

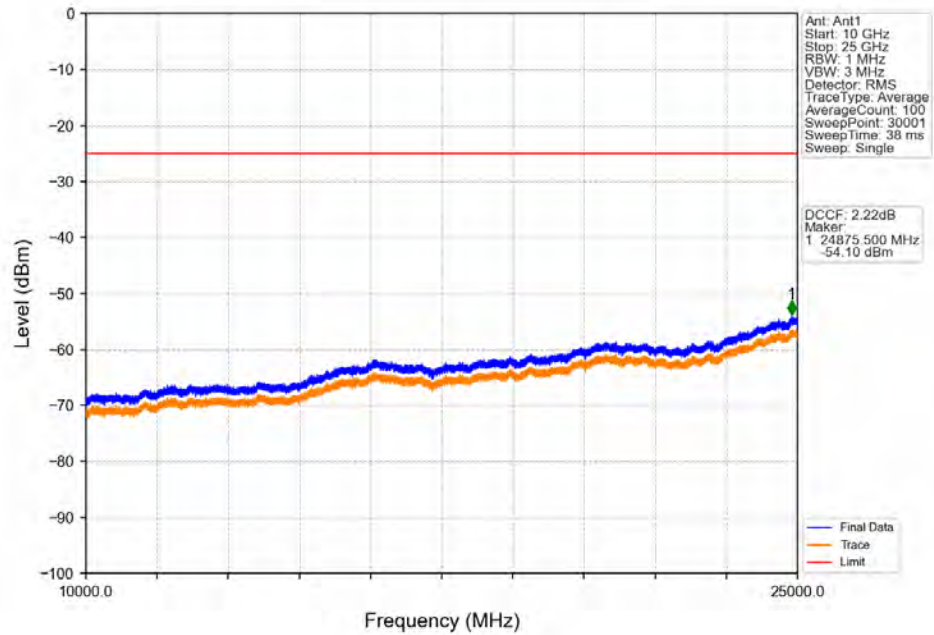
6.3.1 Test Result

Band: 38 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

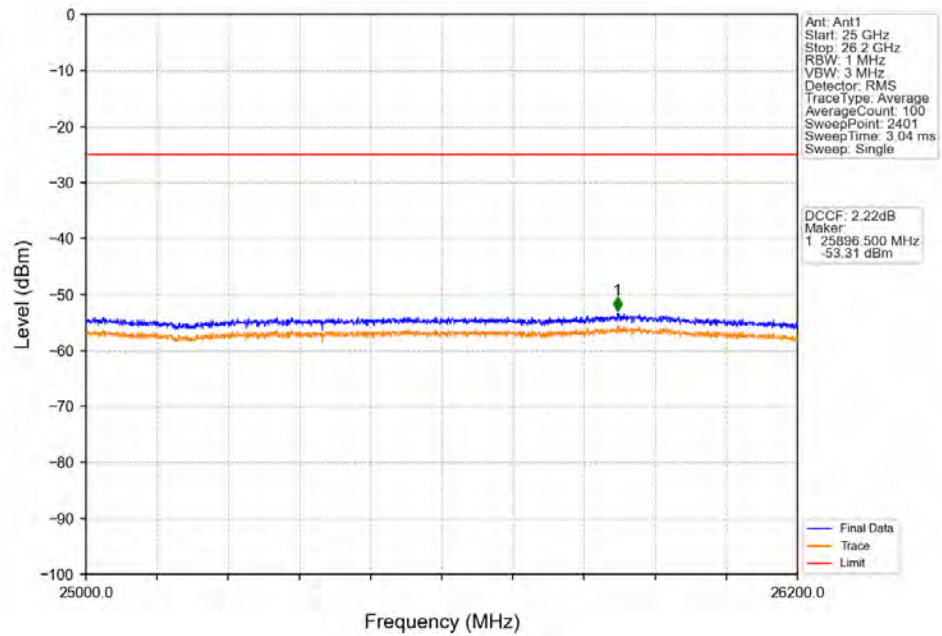
6.3.2 Test Graph



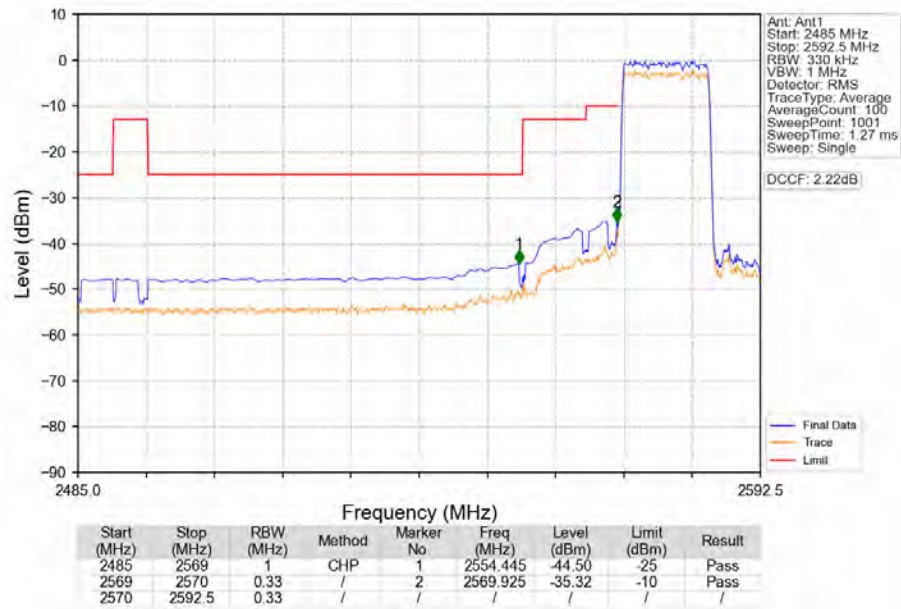
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



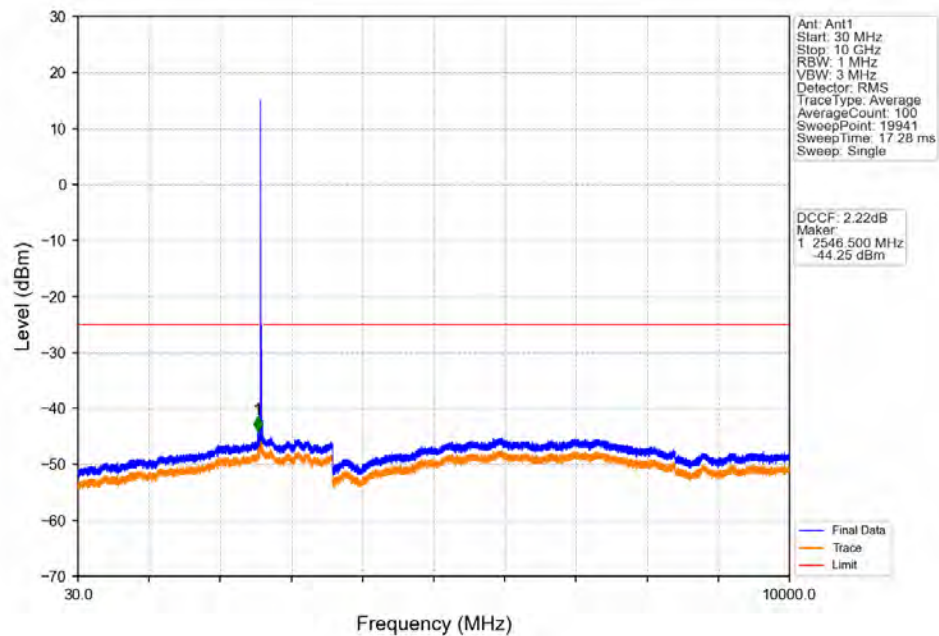
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



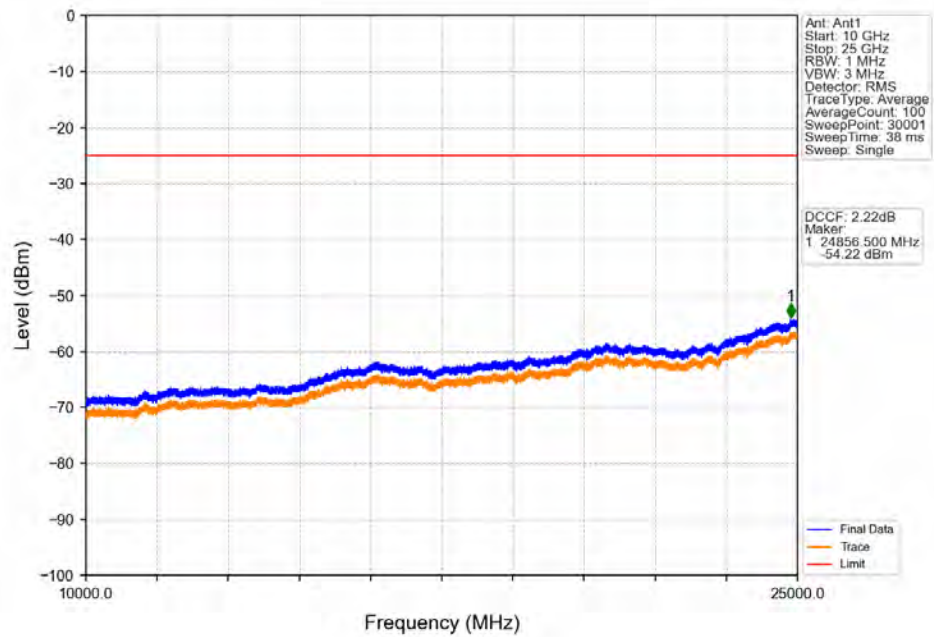
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



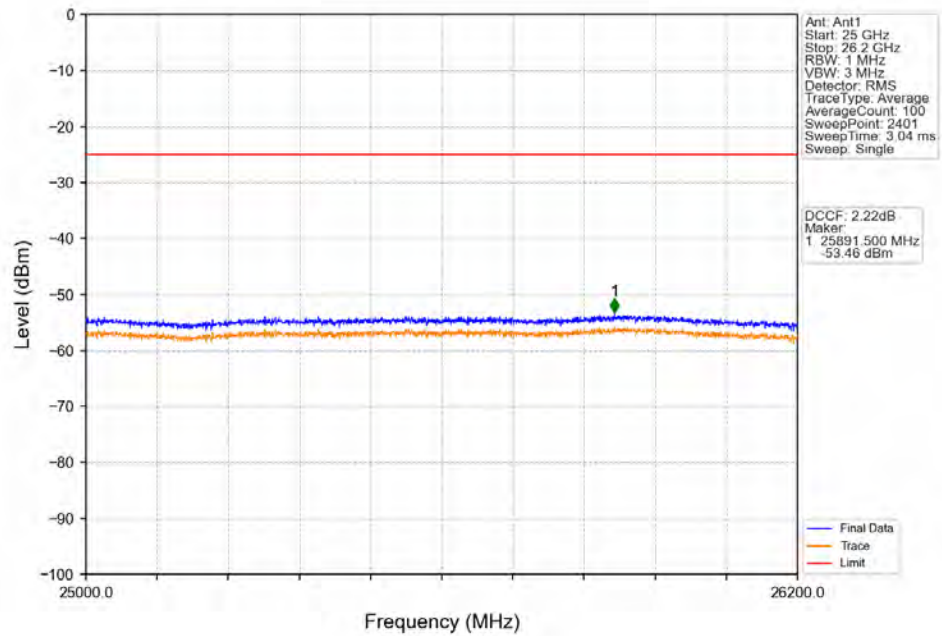
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



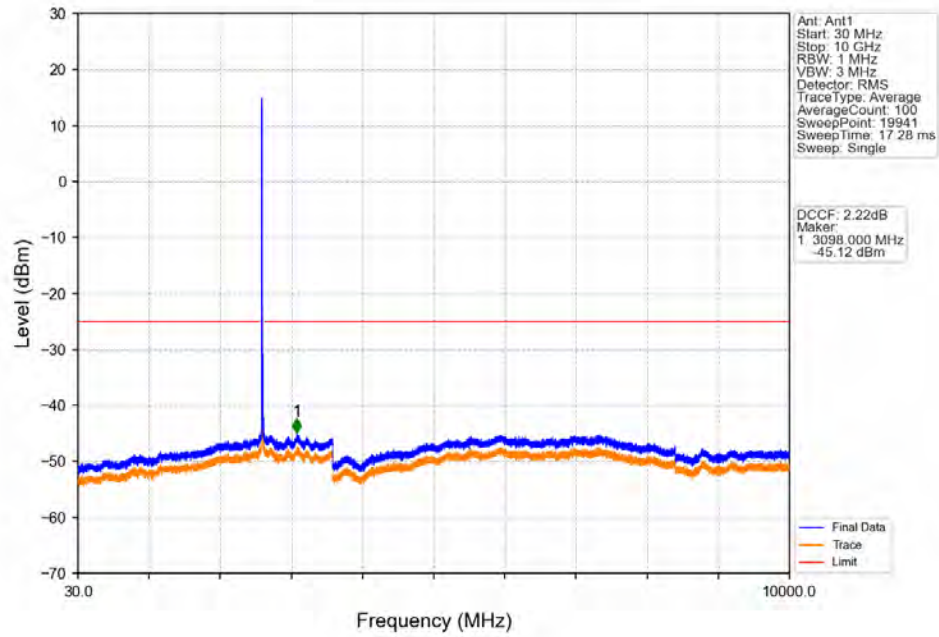
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



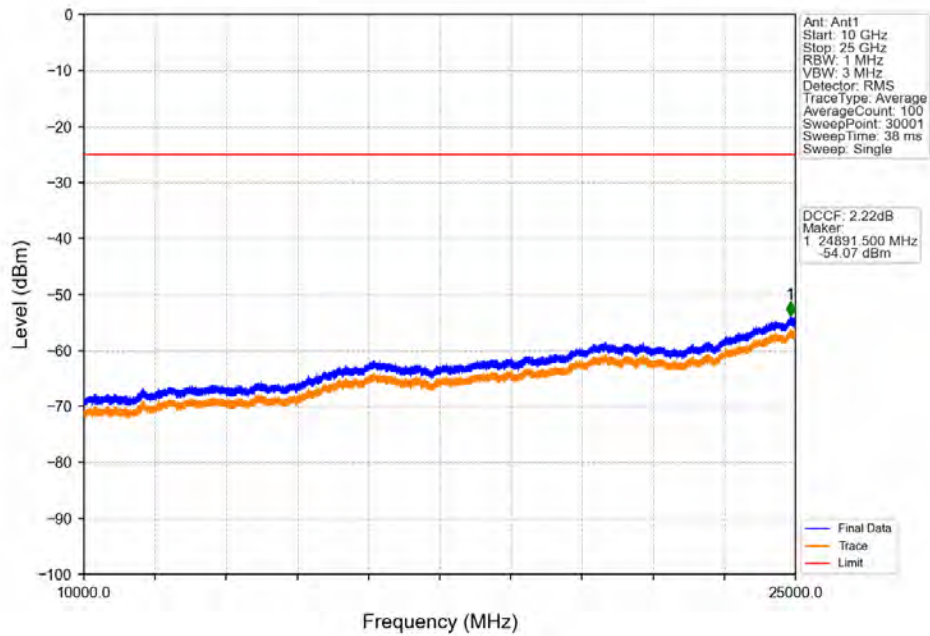
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



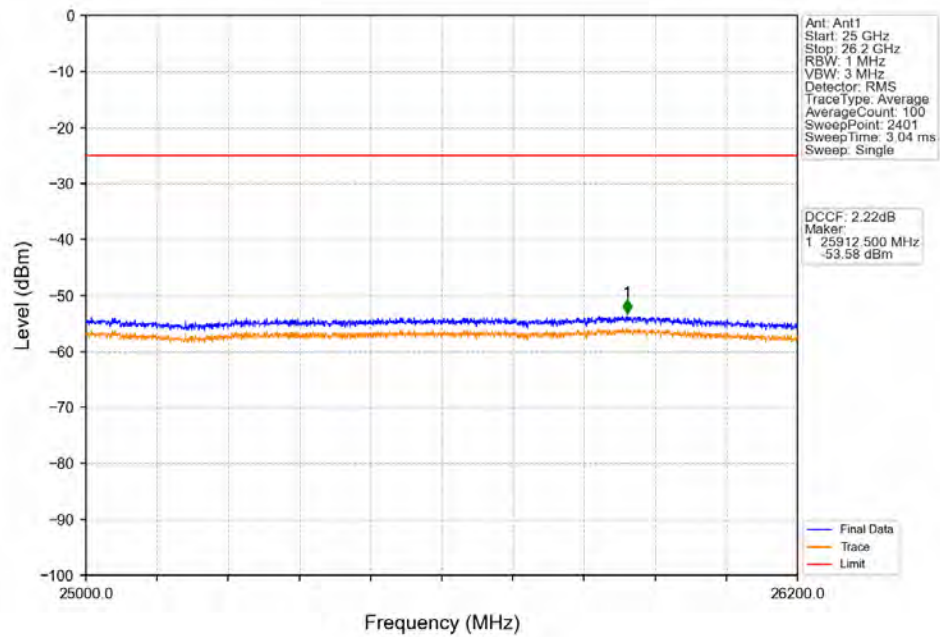
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



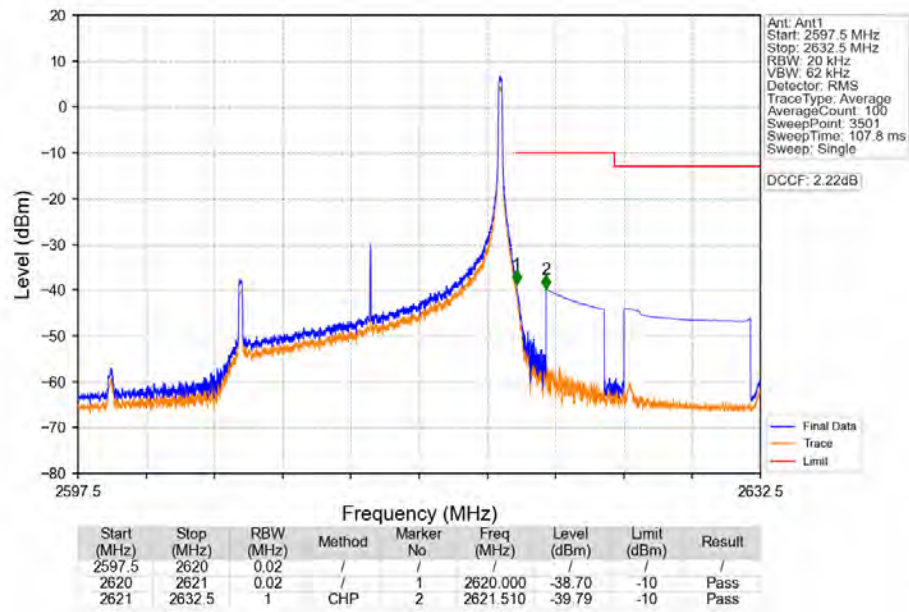
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



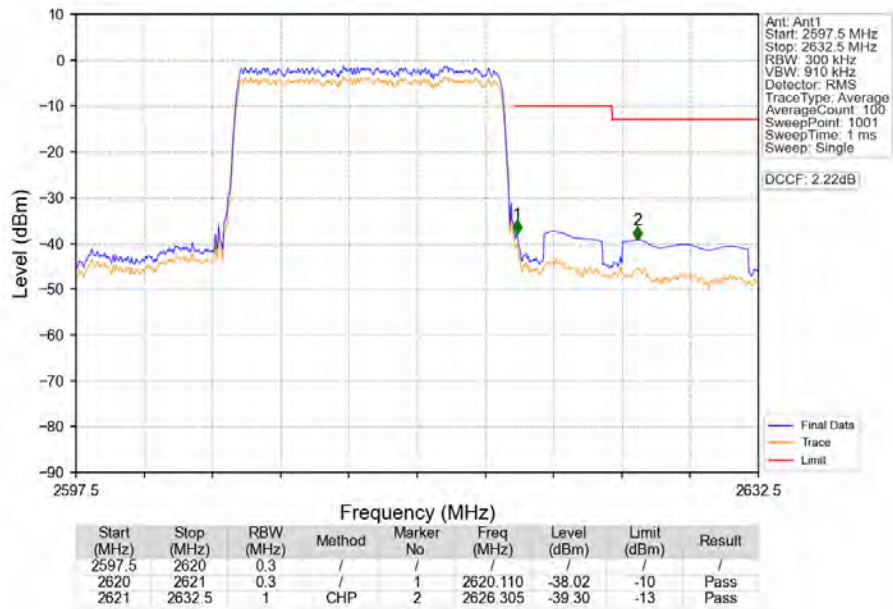
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



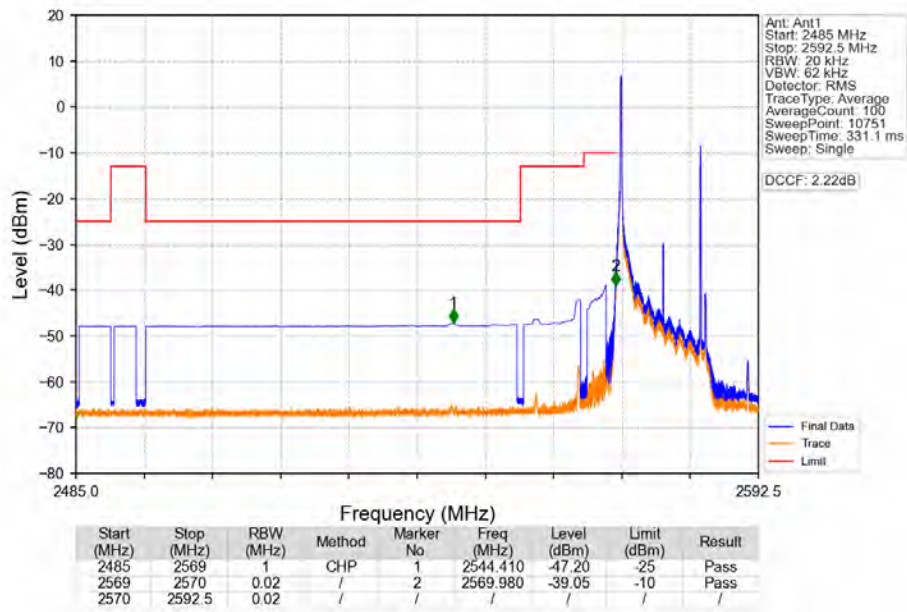
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_74_NTNV



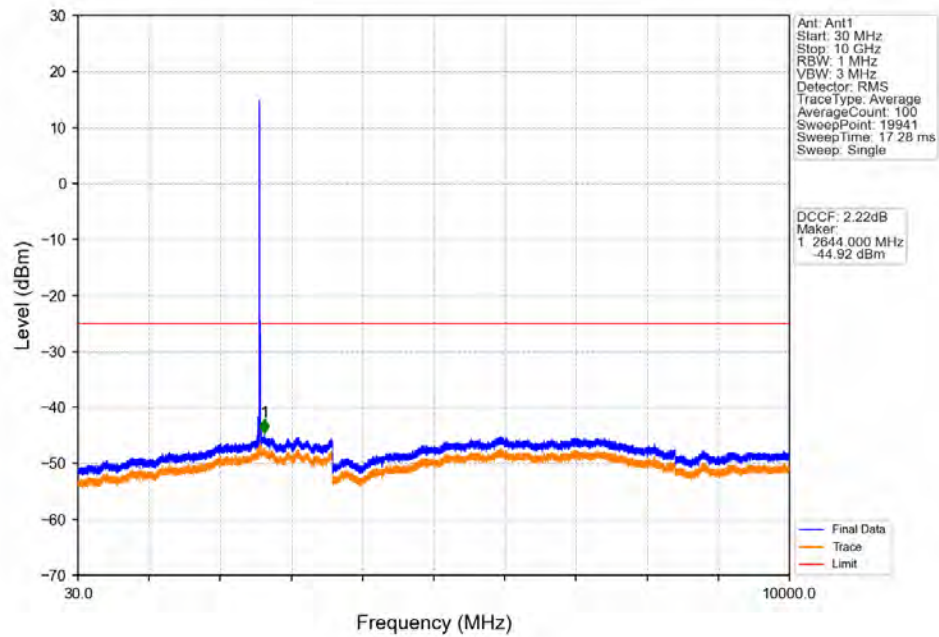
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



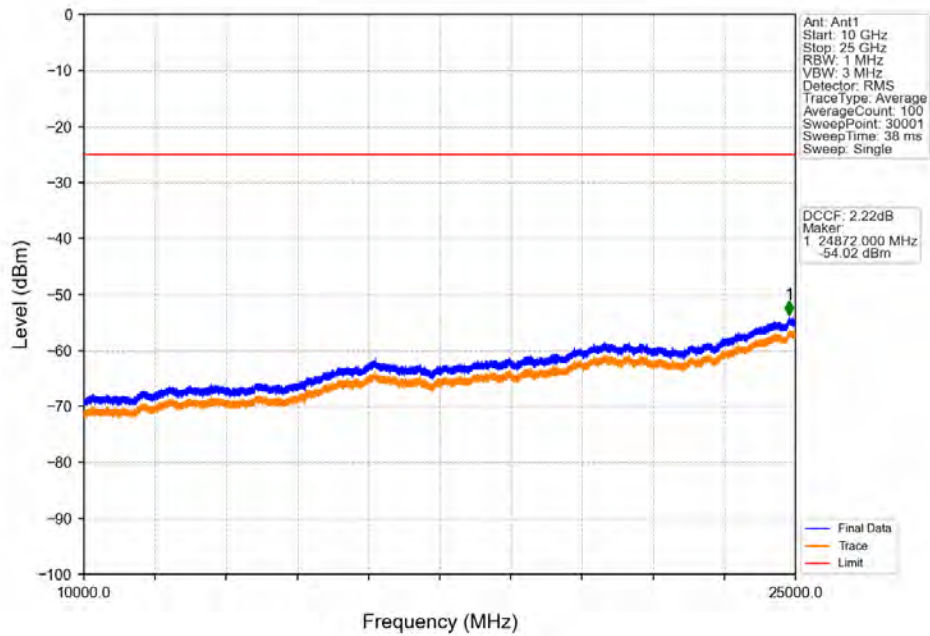
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV



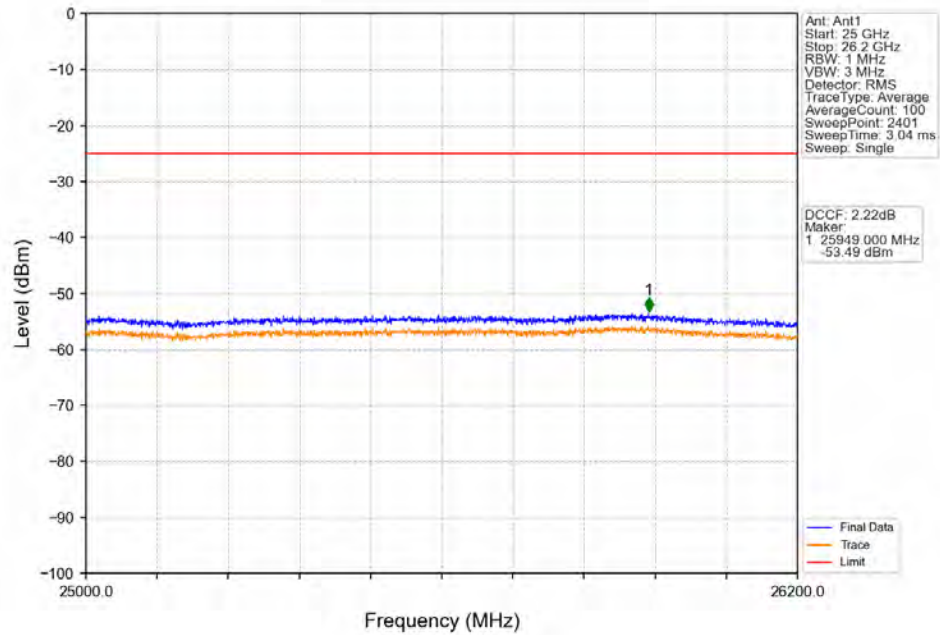
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV



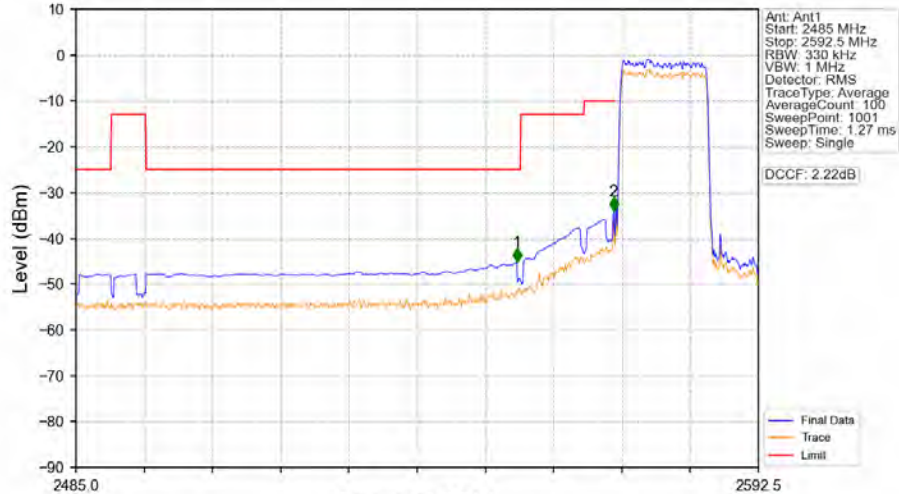
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV

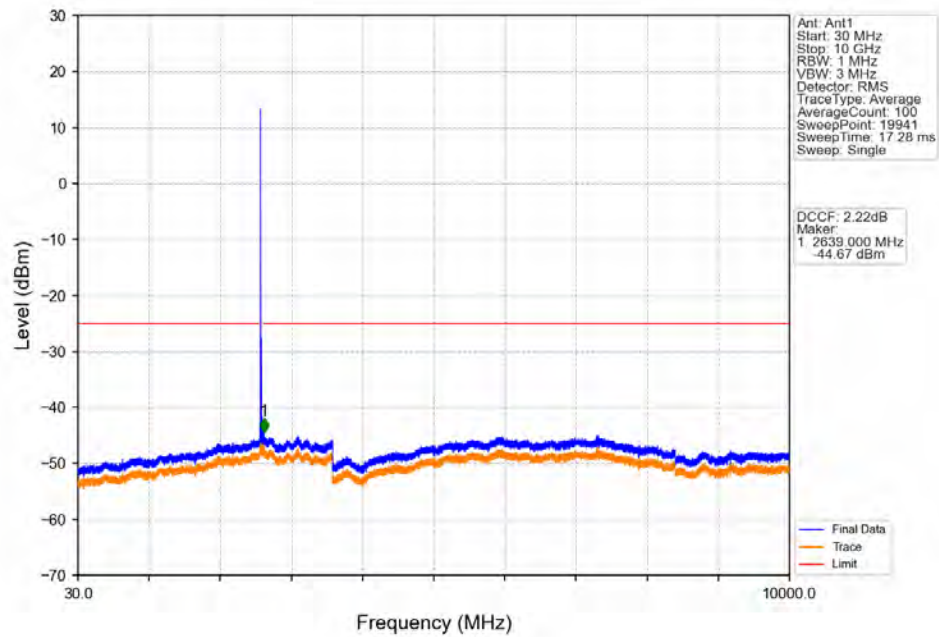


Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV

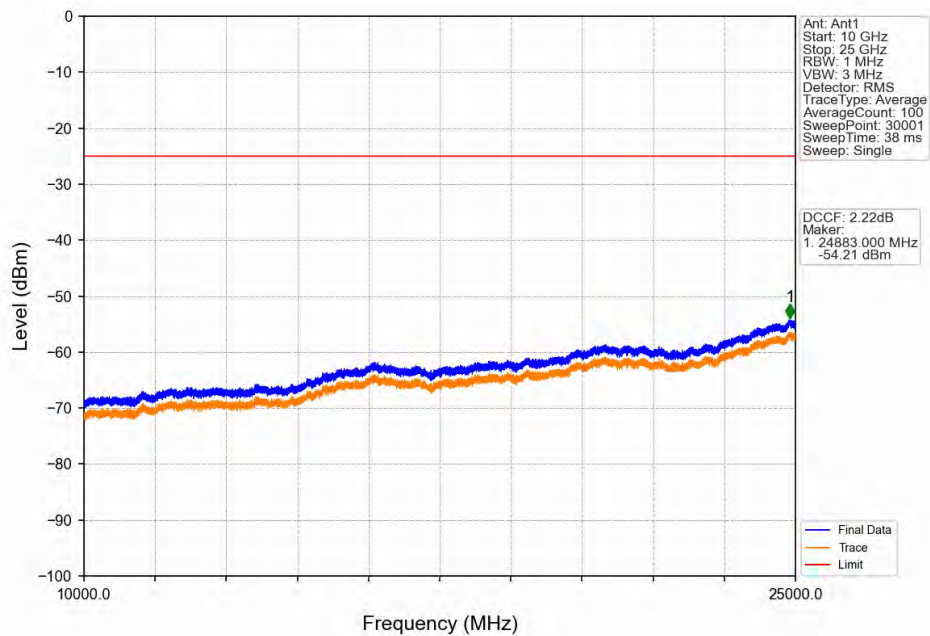


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2554.445	-45.18	-25	Pass
2569	2570	0.33	/	2	2569.710	-34.11	-10	Pass
2570	2592.5	0.33	/	/	/	/	/	/

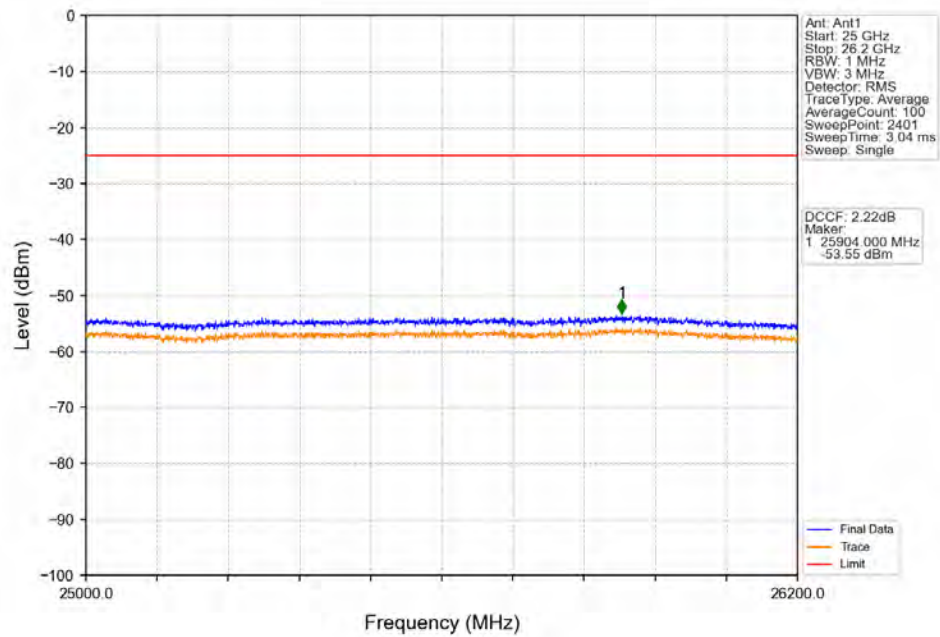
Band38_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



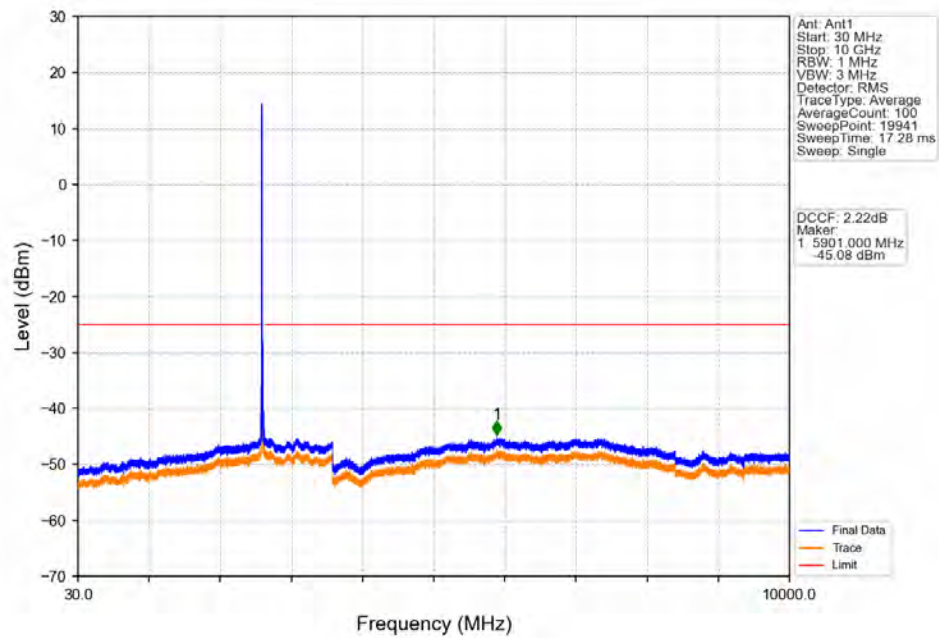
Band38_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



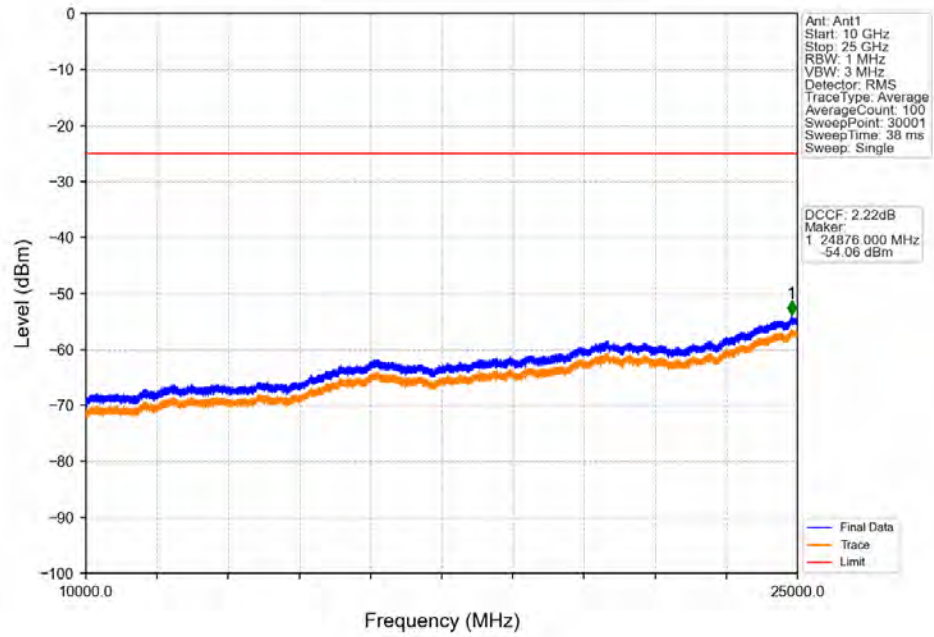
Band38_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



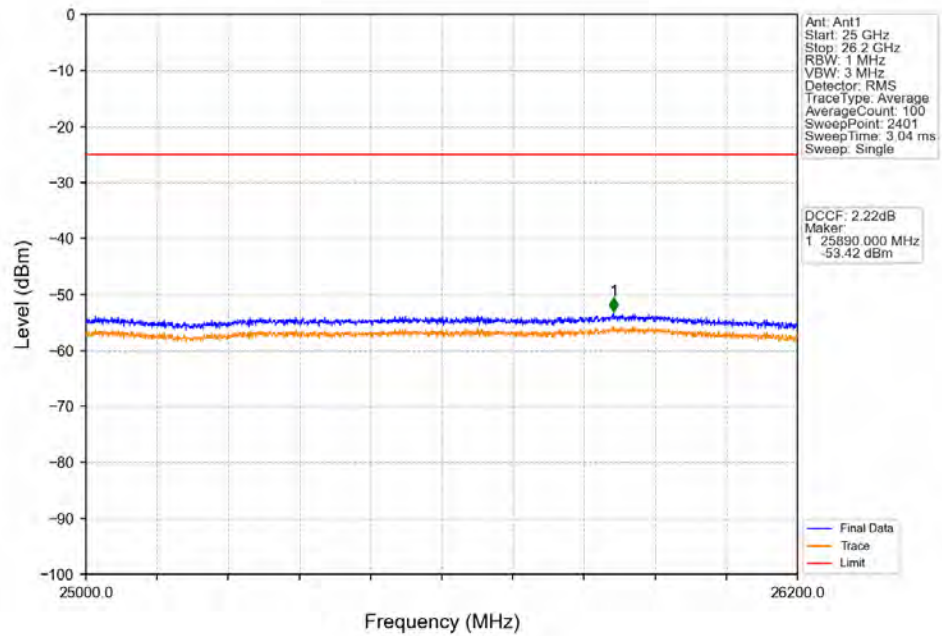
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_0_NTNV



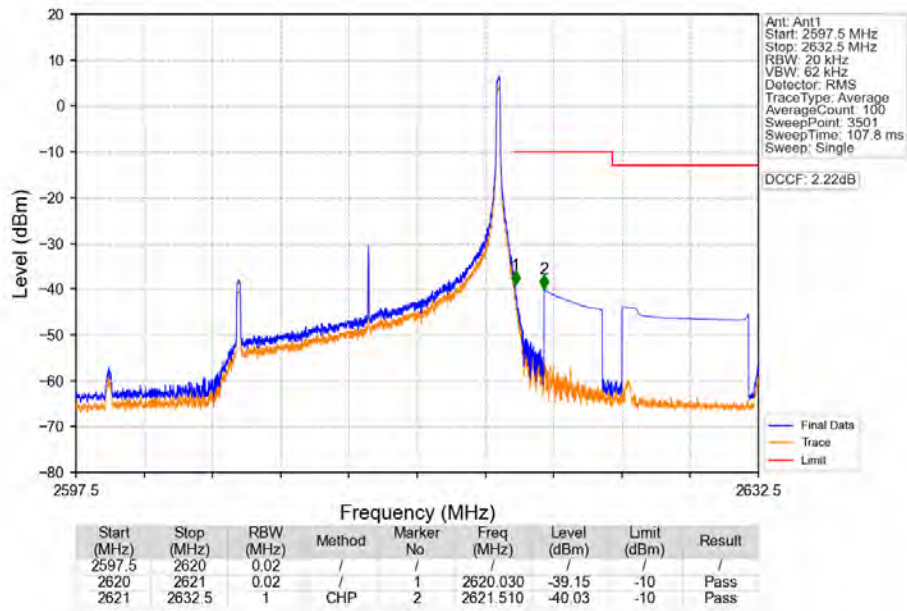
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_0_NTNV



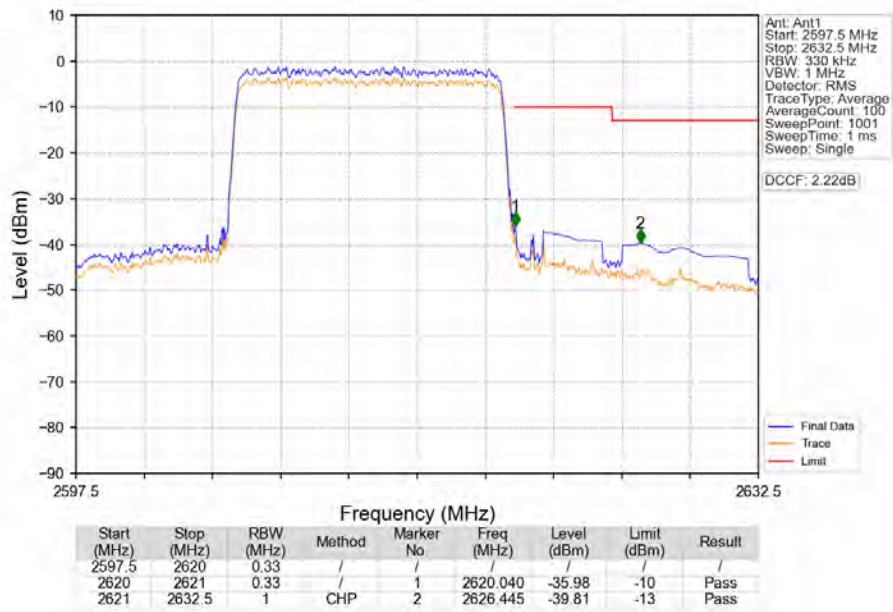
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_74_NTNV



Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



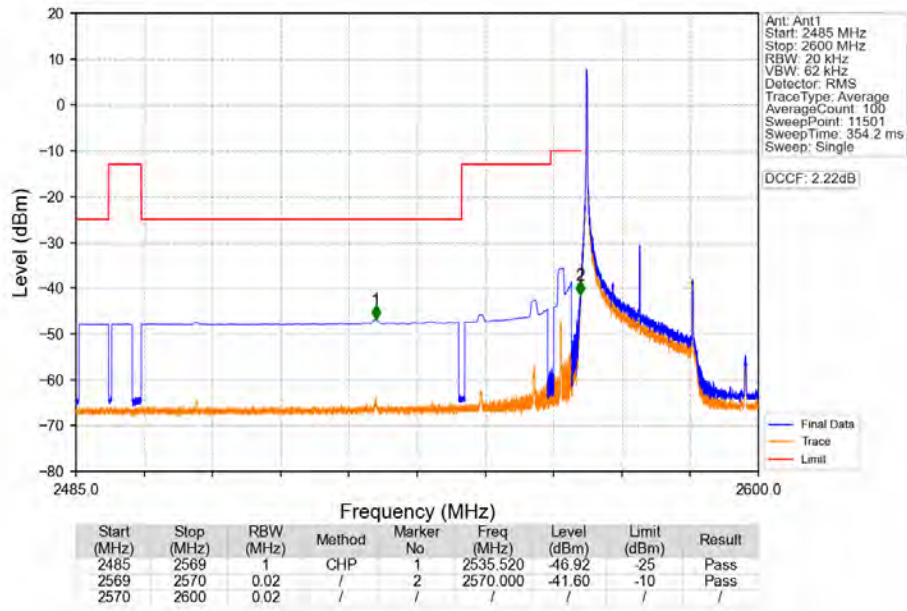
6.4 B38_20MHz

6.4.1 Test Result

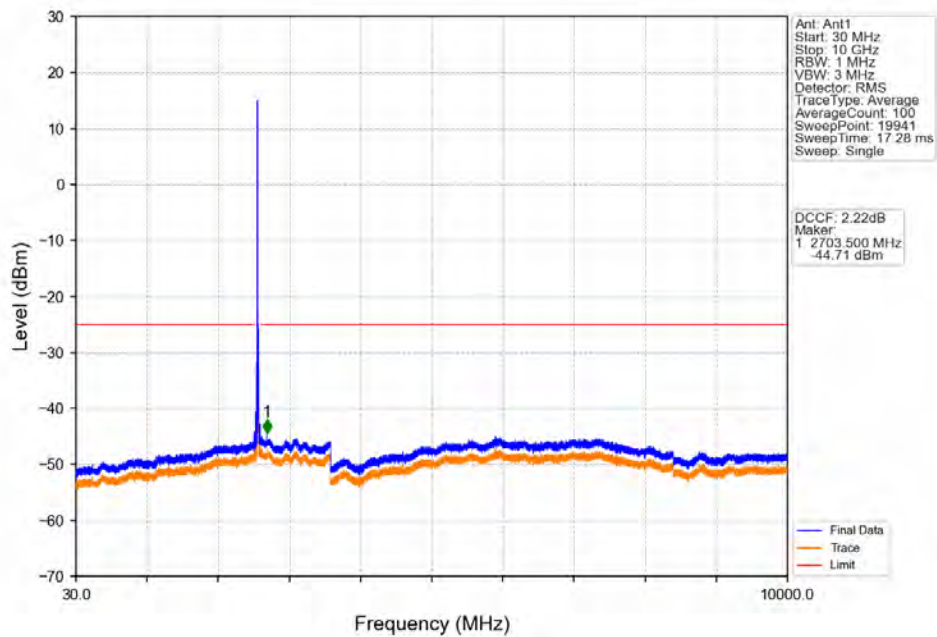
Band: 38 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	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

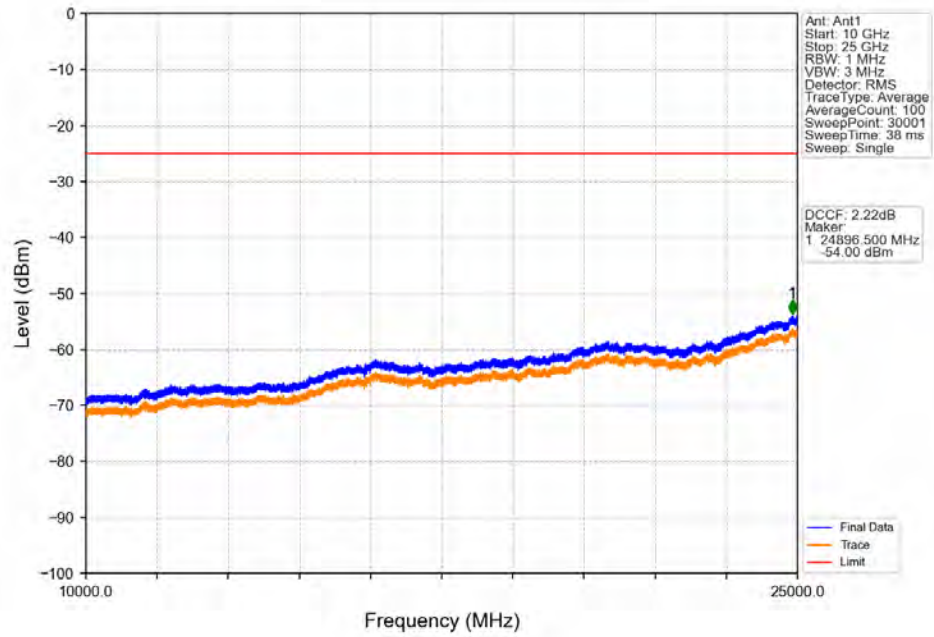
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



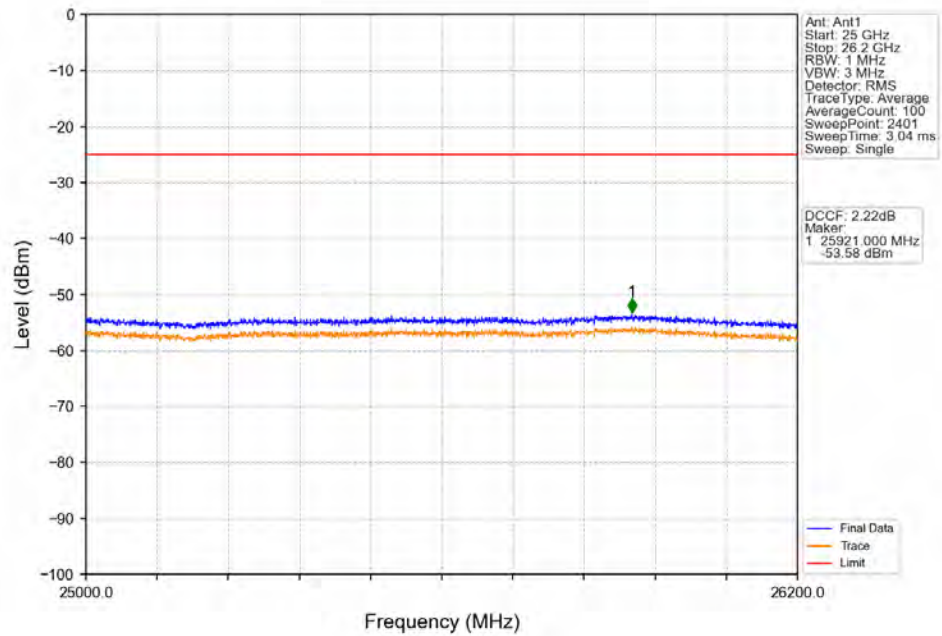
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



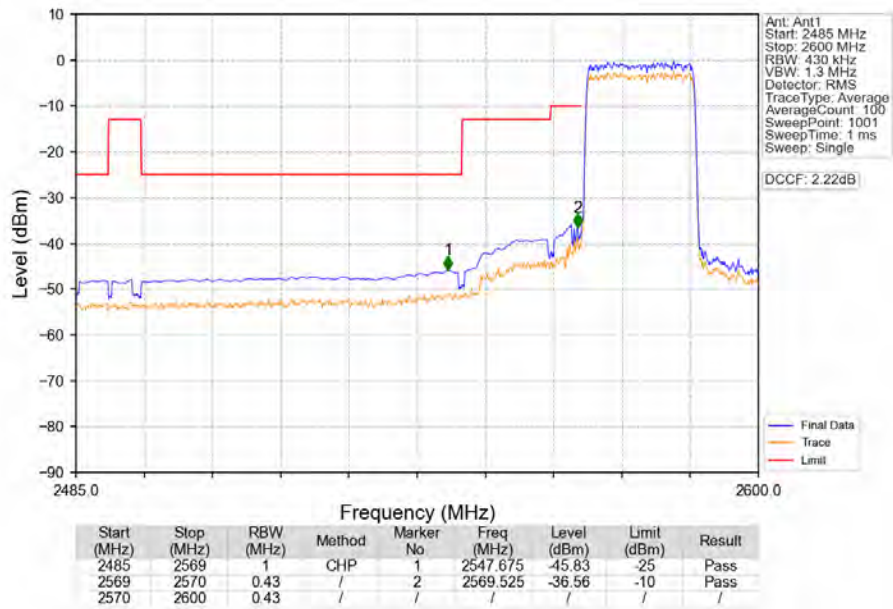
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



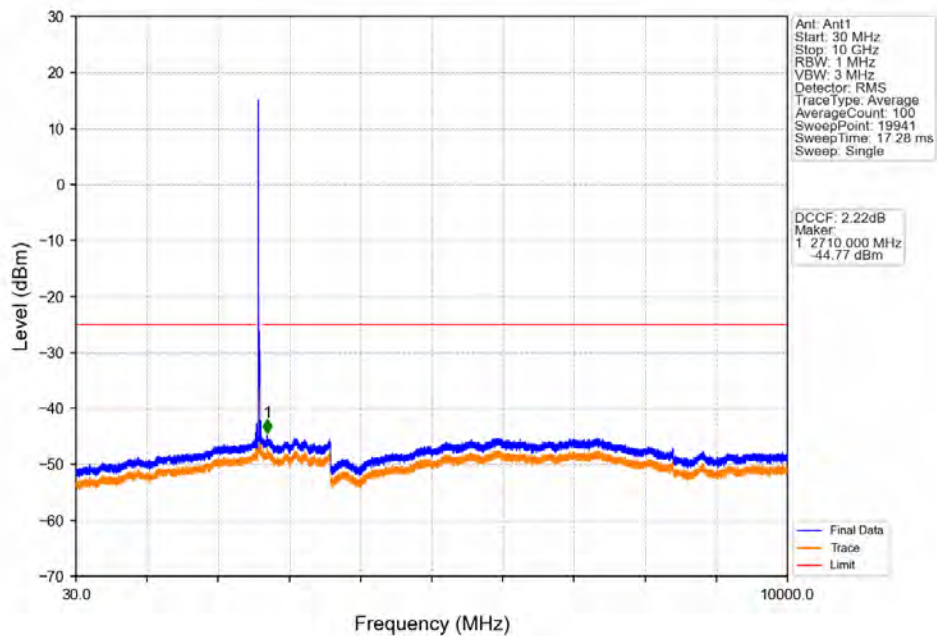
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



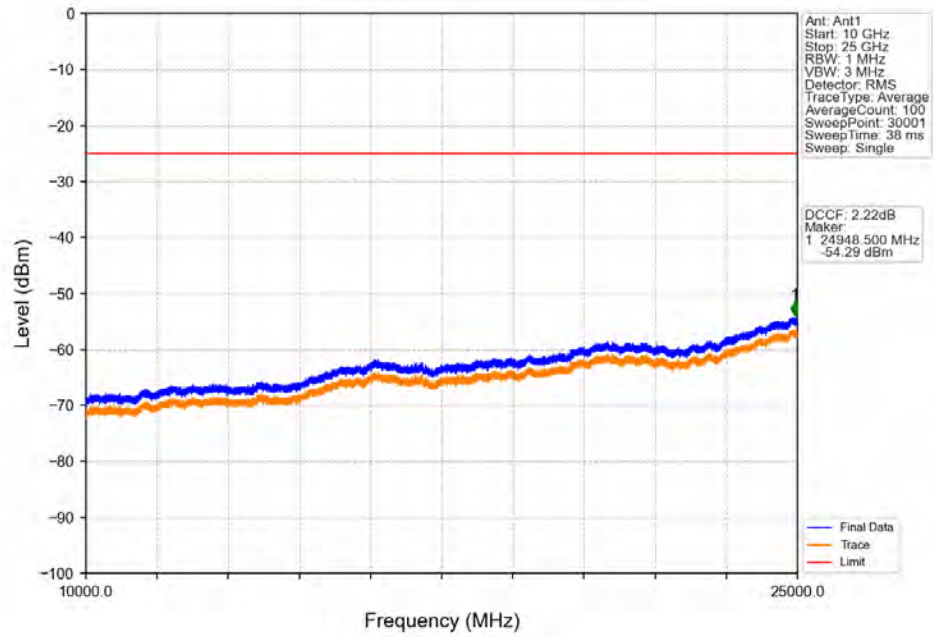
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



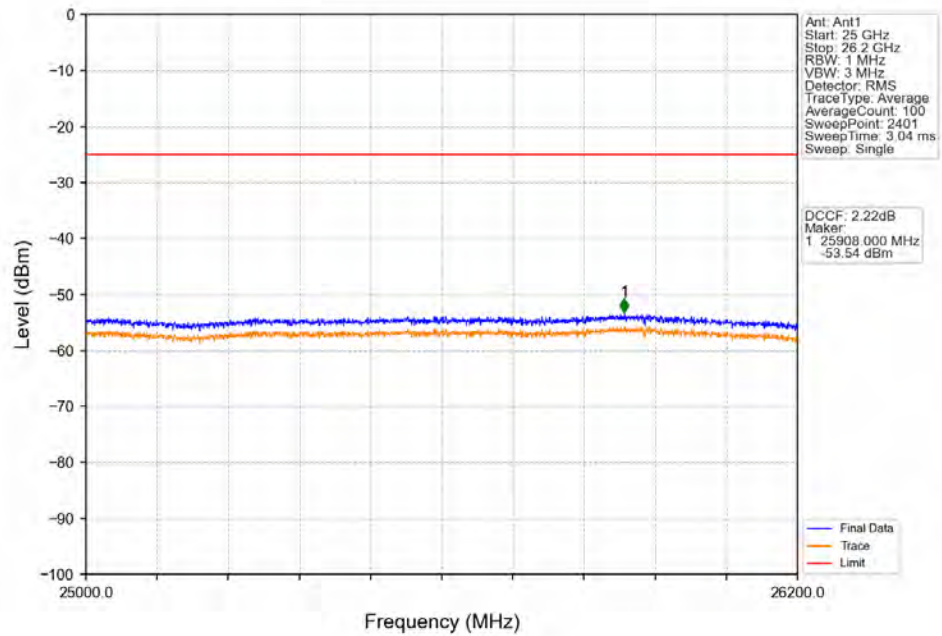
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



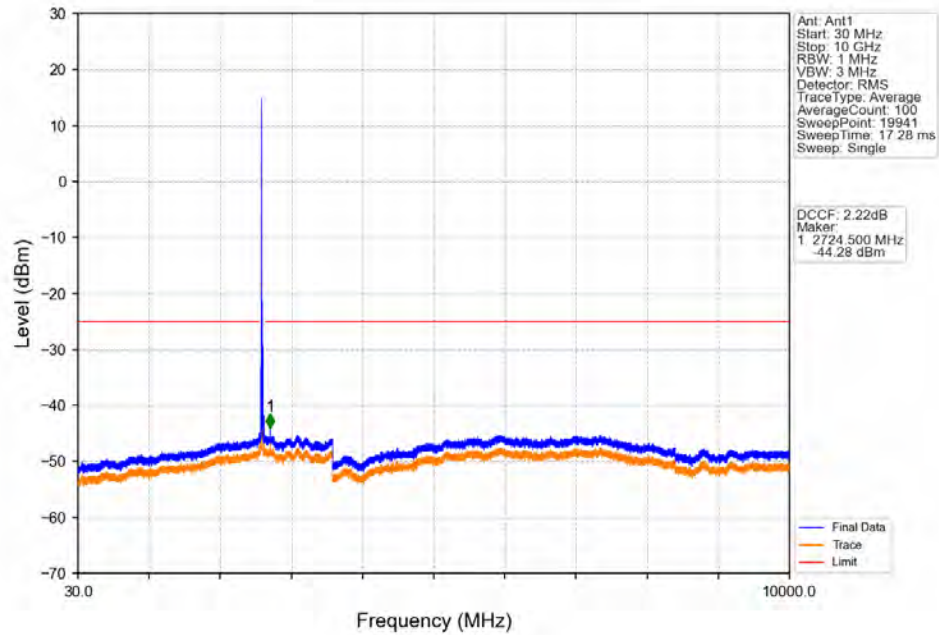
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



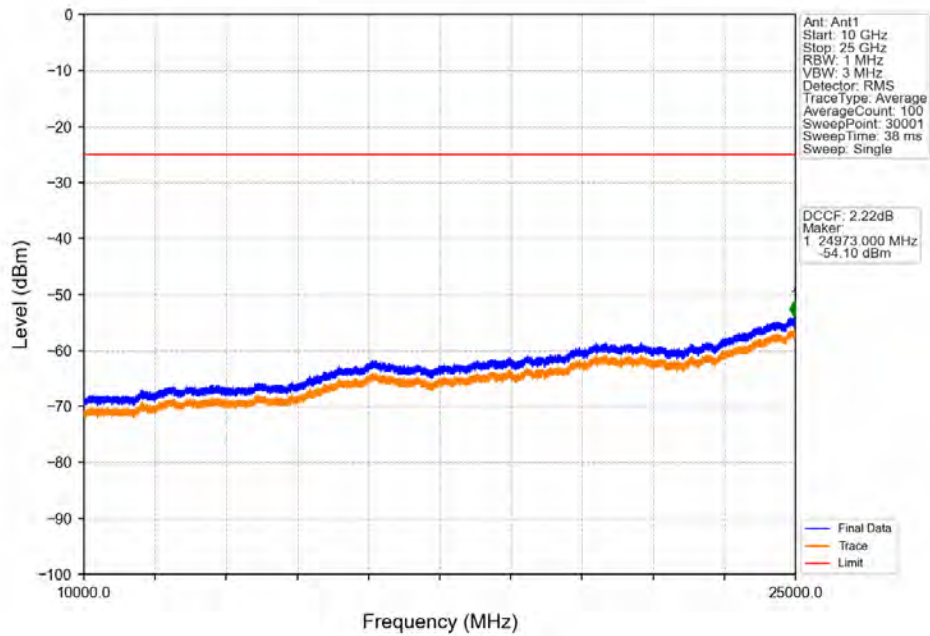
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



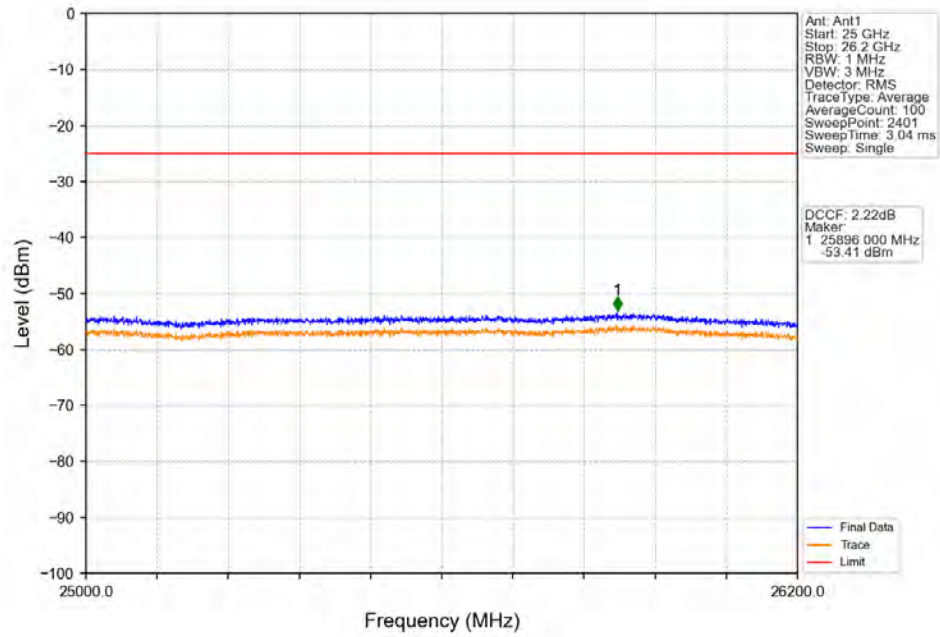
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



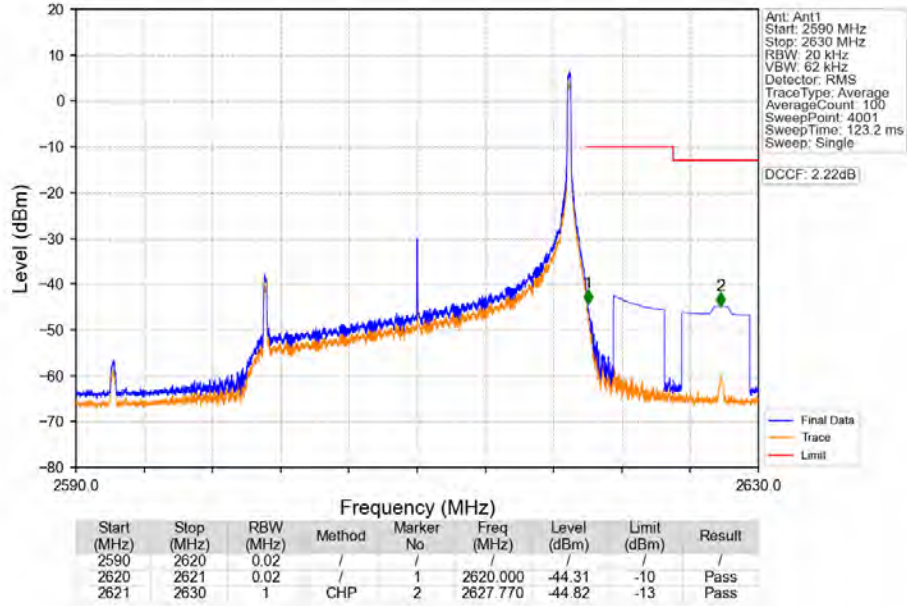
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



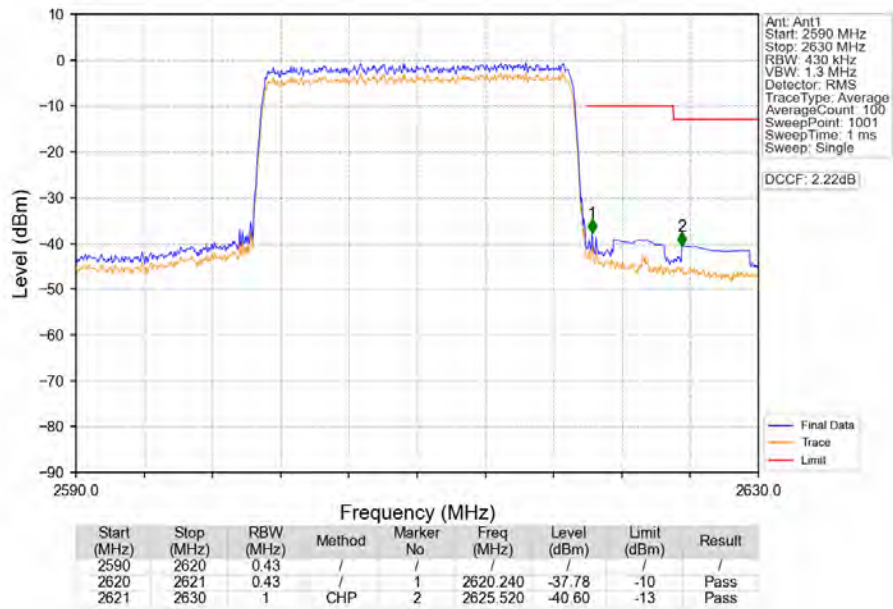
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



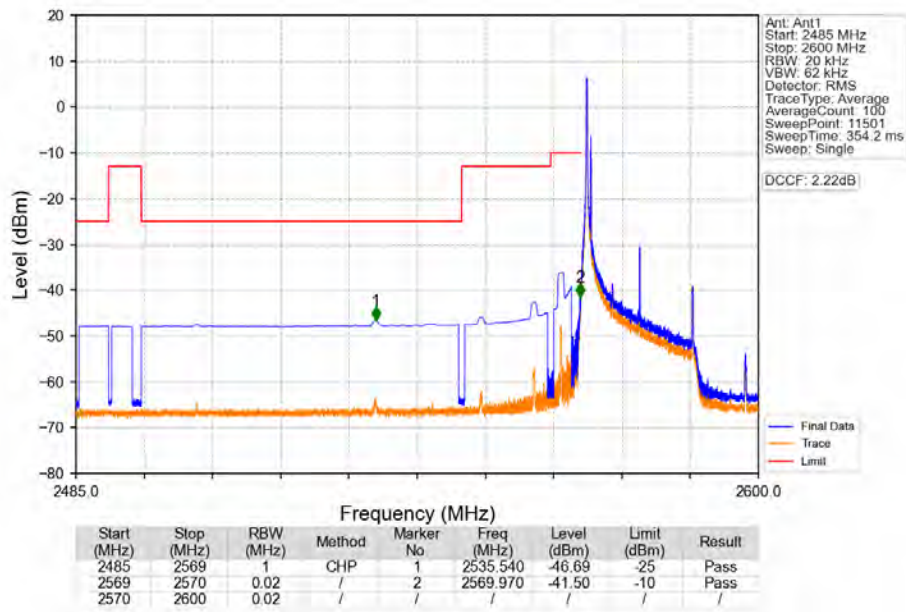
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_99_NTNV



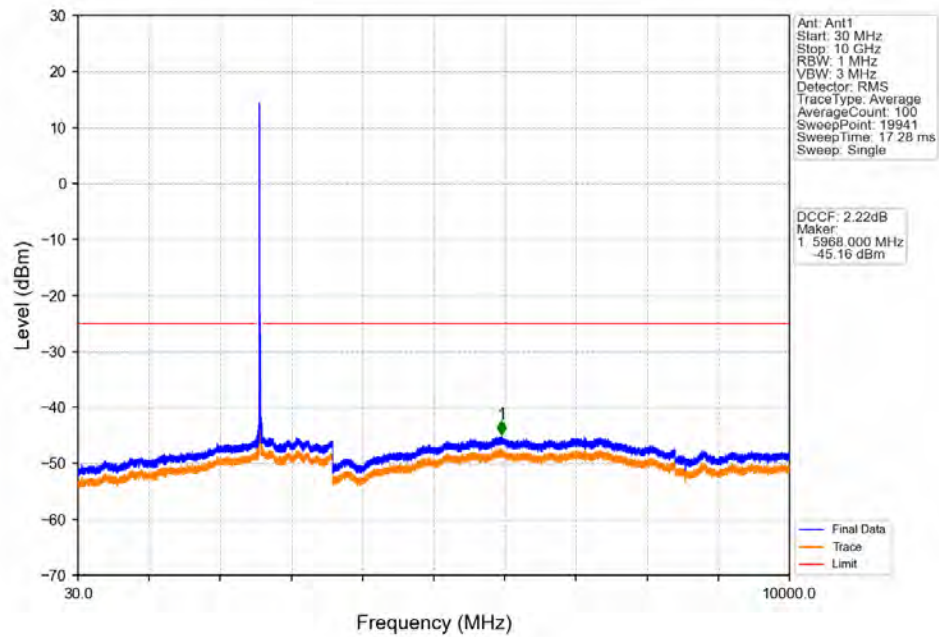
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



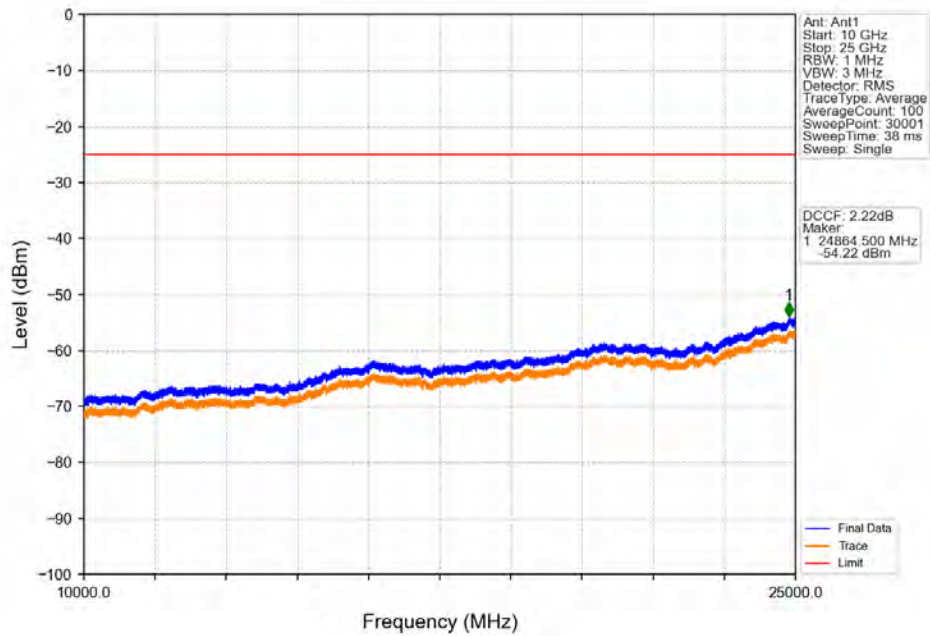
Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



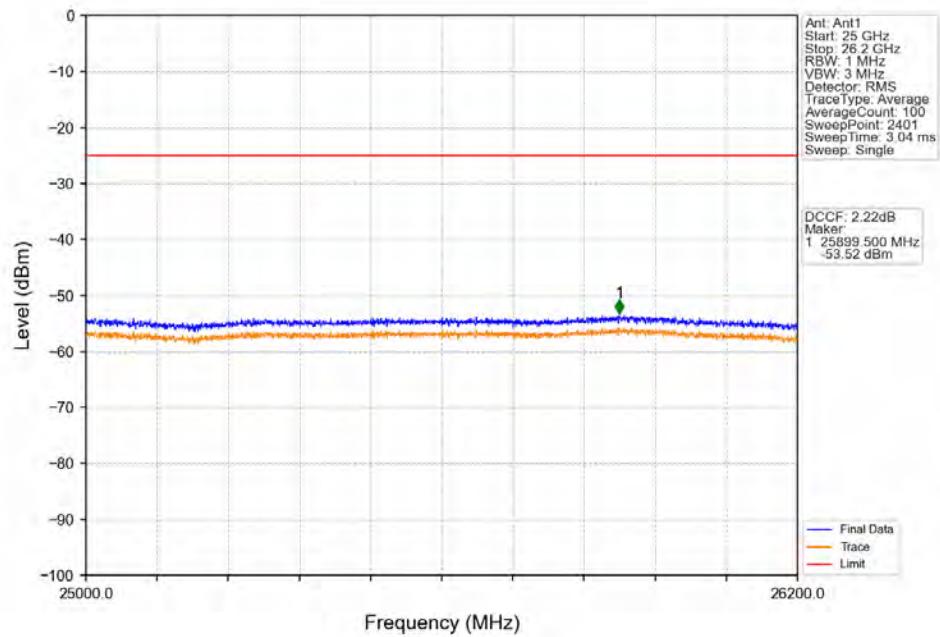
Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



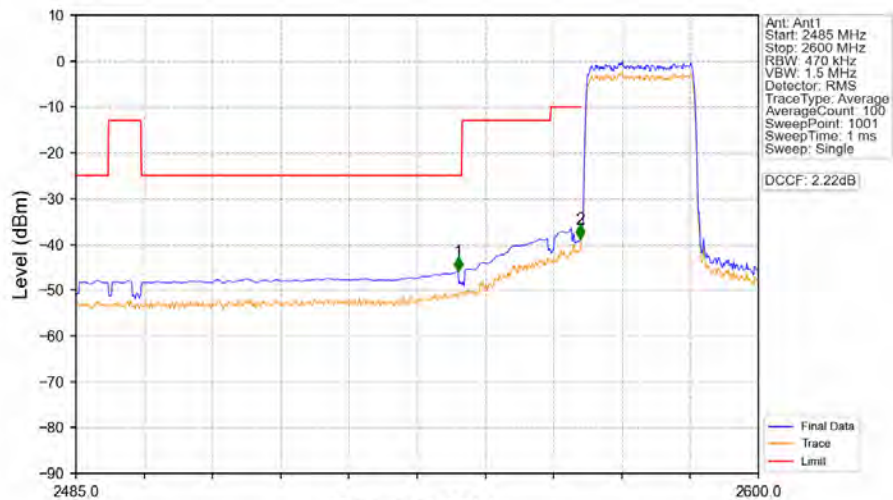
Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV

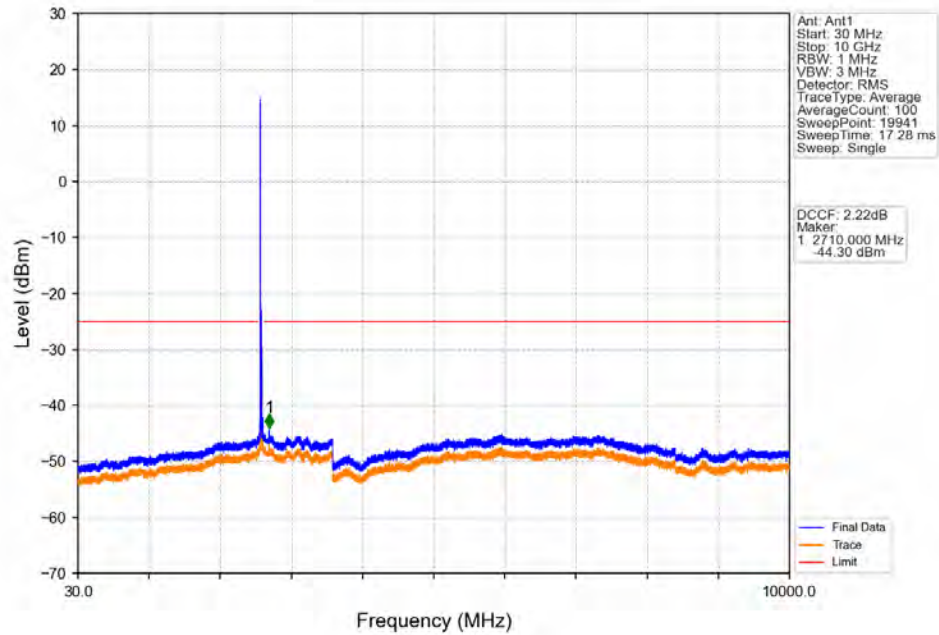


Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV

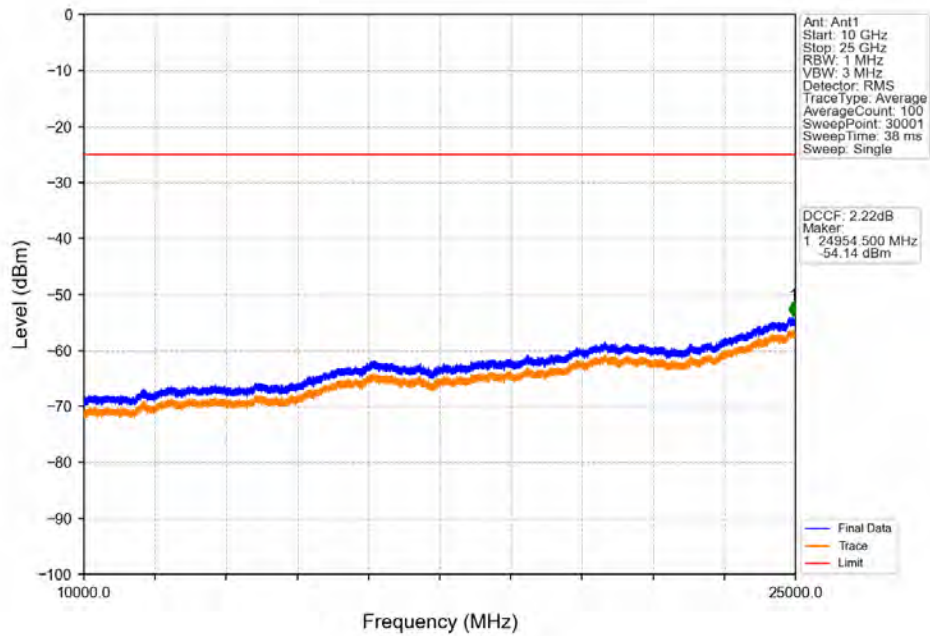


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2549.400	-45.95	-25	Pass
2569	2570	0.47	/	2	2569.985	-38.90	-10	Pass
2570	2600	0.47	/	/	/	/	/	/

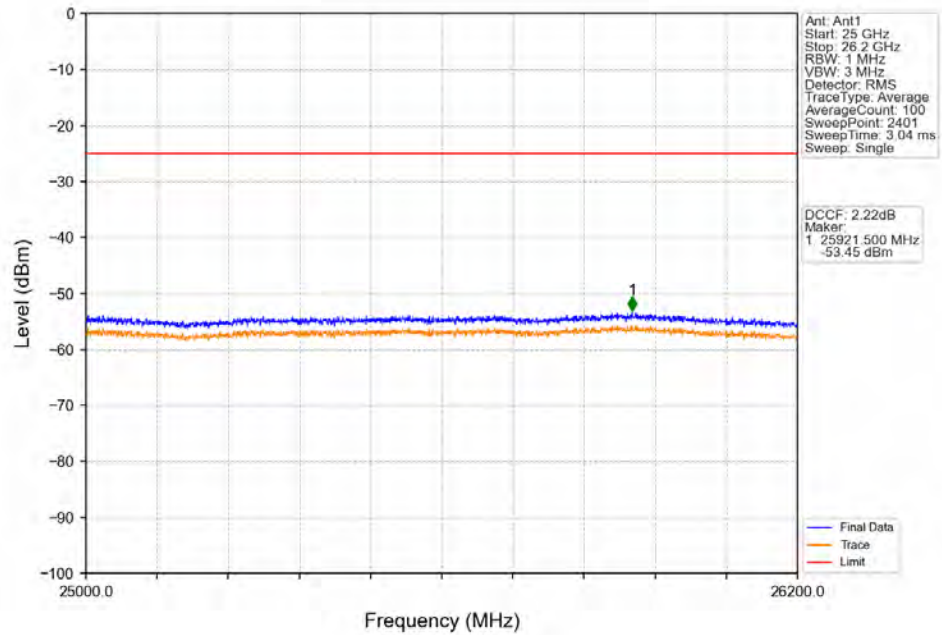
Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



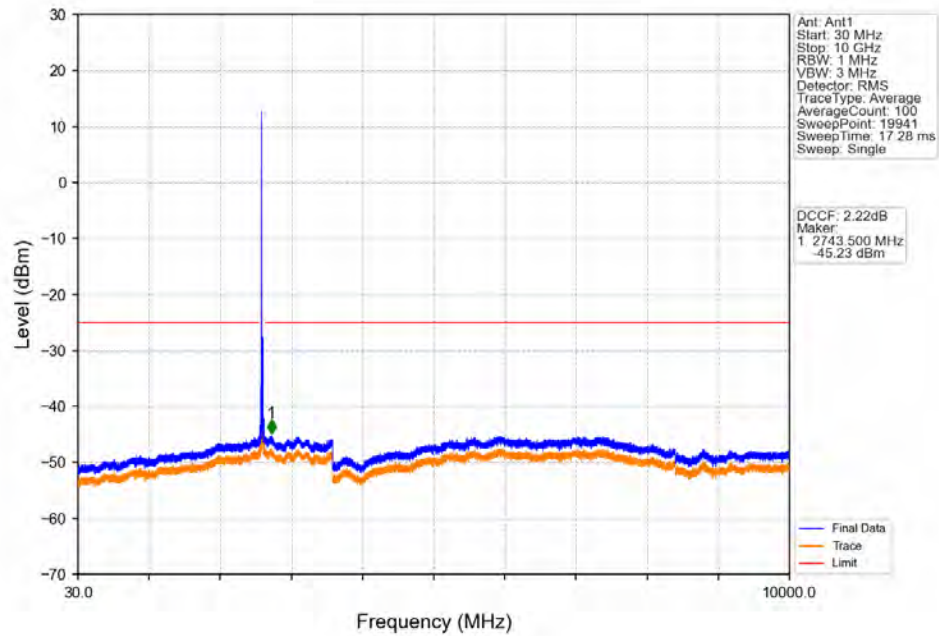
Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



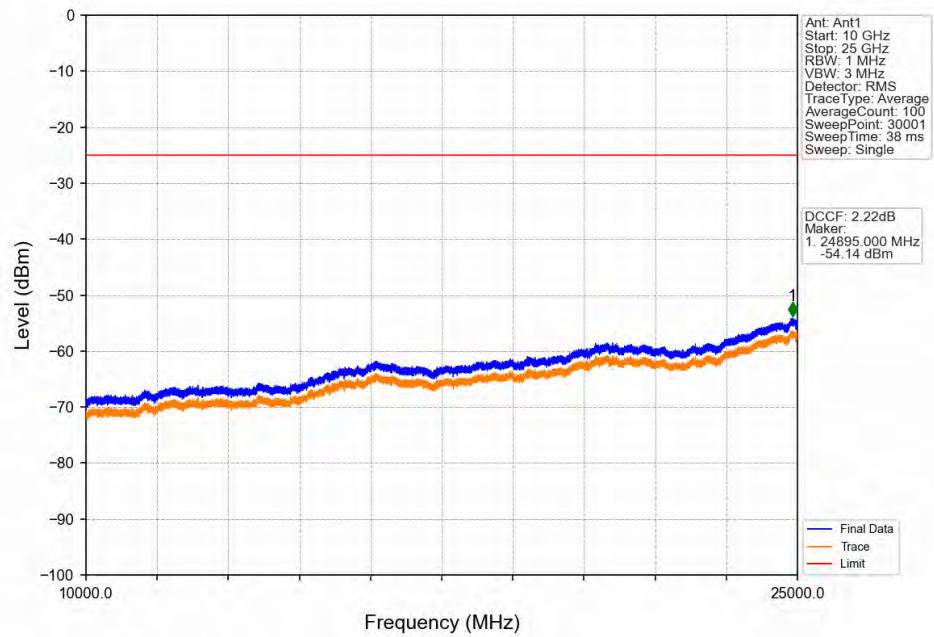
Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



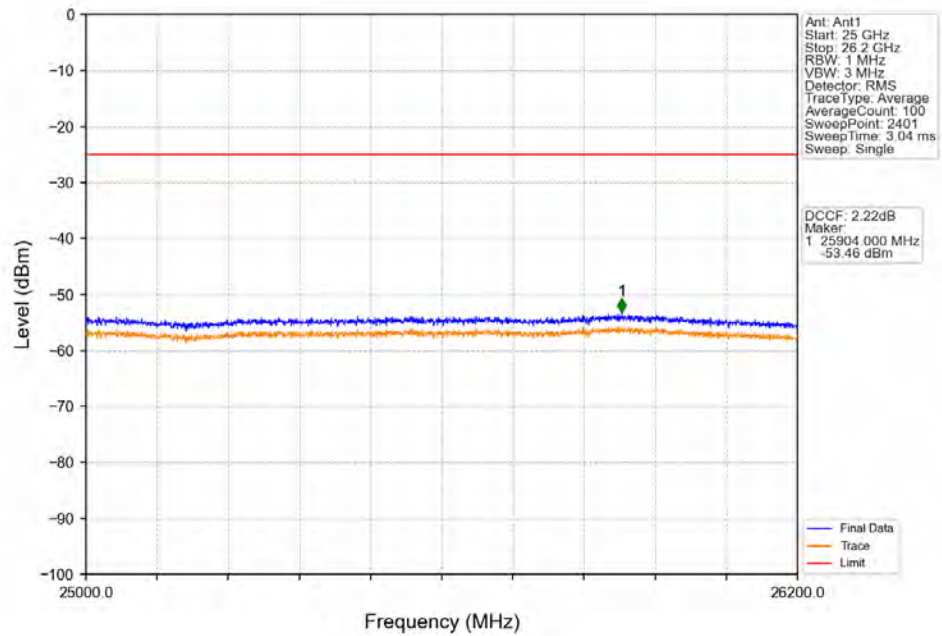
Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV



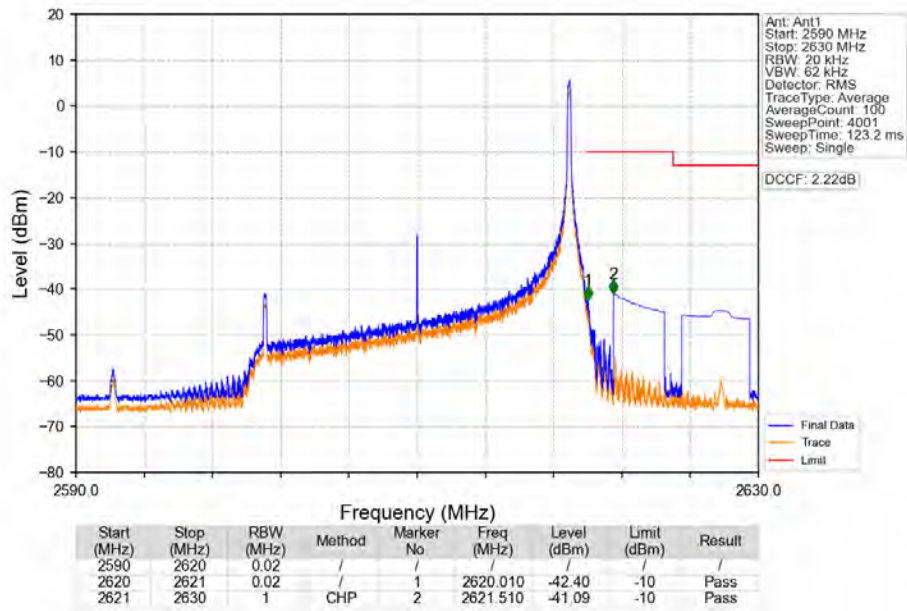
Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV



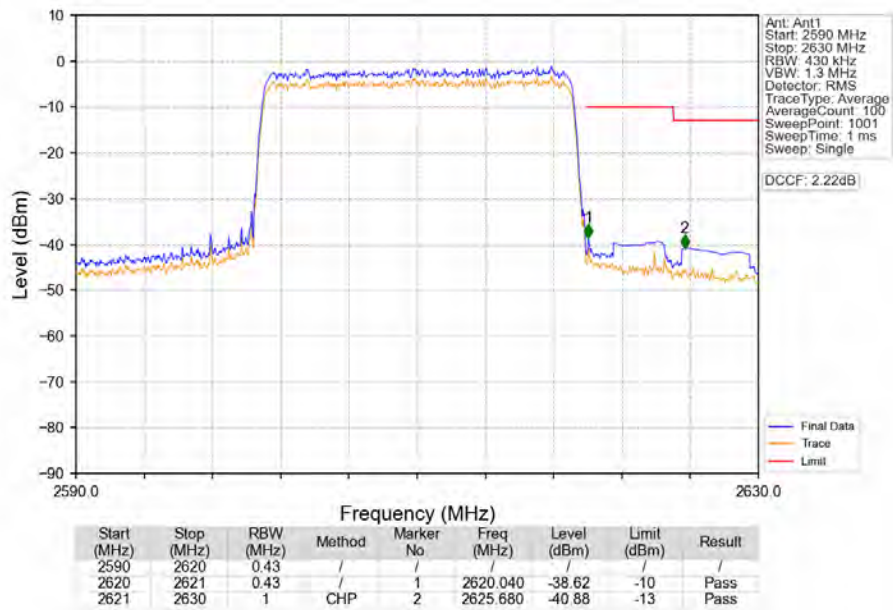
Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_1_99_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_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)
38	5	2572.5	2617.5	0.1858	0.0156	ppm	4M59G7D	27M	22.69
38	5	2572.5	2617.5	0.1858	0.0156	ppm	4M59G7D	27M	22.69
38	5	2572.5	2617.5	0.1858	0.0156	ppm	4M59G7D	27M	22.69
38	5	2572.5	2617.5	0.1858	0.0156	ppm	4M59G7D	27M	22.69
38	5	2572.5	2617.5	0.1858	0.0156	ppm	4M59G7D	27M	22.69
38	5	2572.5	2617.5	0.1858	0.0156	ppm	4M59G7D	27M	22.69
38	5	2572.5	2617.5	0.1858	0.0156	ppm	4M59G7D	27M	22.69
38	5	2572.5	2617.5	0.1524	0.0238	ppm	4M61W7D	27M	21.83
38	5	2572.5	2617.5	0.1524	0.0238	ppm	4M61W7D	27M	21.83
38	5	2572.5	2617.5	0.1524	0.0238	ppm	4M61W7D	27M	21.83
38	5	2572.5	2617.5	0.1524	0.0238	ppm	4M61W7D	27M	21.83
38	5	2572.5	2617.5	0.1524	0.0238	ppm	4M61W7D	27M	21.83
38	5	2572.5	2617.5	0.1524	0.0238	ppm	4M61W7D	27M	21.83
38	5	2572.5	2617.5	0.1524	0.0238	ppm	4M61W7D	27M	21.83
38	10	2575	2615	0.1892	0.0185	ppm	9M12G7D	27M	22.77
38	10	2575	2615	0.1892	0.0185	ppm	9M12G7D	27M	22.77
38	10	2575	2615	0.1892	0.0185	ppm	9M12G7D	27M	22.77
38	10	2575	2615	0.1892	0.0185	ppm	9M12G7D	27M	22.77
38	10	2575	2615	0.1892	0.0185	ppm	9M12G7D	27M	22.77
38	10	2575	2615	0.1892	0.0185	ppm	9M12G7D	27M	22.77
38	10	2575	2615	0.1892	0.0185	ppm	9M12G7D	27M	22.77
38	10	2575	2615	0.1528	0.0171	ppm	9M10W7D	27M	21.84
38	10	2575	2615	0.1528	0.0171	ppm	9M10W7D	27M	21.84
38	10	2575	2615	0.1528	0.0171	ppm	9M10W7D	27M	21.84
38	10	2575	2615	0.1528	0.0171	ppm	9M10W7D	27M	21.84
38	10	2575	2615	0.1528	0.0171	ppm	9M10W7D	27M	21.84
38	10	2575	2615	0.1528	0.0171	ppm	9M10W7D	27M	21.84
38	10	2575	2615	0.1528	0.0171	ppm	9M10W7D	27M	21.84
38	15	2577.5	2612.5	0.2065	0.0208	ppm	13M6G7D	27M	23.15
38	15	2577.5	2612.5	0.2065	0.0208	ppm	13M6G7D	27M	23.15
38	15	2577.5	2612.5	0.2065	0.0208	ppm	13M6G7D	27M	23.15
38	15	2577.5	2612.5	0.2065	0.0208	ppm	13M6G7D	27M	23.15
38	15	2577.5	2612.5	0.2065	0.0208	ppm	13M6G7D	27M	23.15
38	15	2577.5	2612.5	0.2065	0.0208	ppm	13M6G7D	27M	23.15
38	15	2577.5	2612.5	0.2065	0.0208	ppm	13M6G7D	27M	23.15
38	15	2577.5	2612.5	0.1706	0.0183	ppm	13M7W7D	27M	22.32
38	15	2577.5	2612.5	0.1706	0.0183	ppm	13M7W7D	27M	22.32
38	15	2577.5	2612.5	0.1706	0.0183	ppm	13M7W7D	27M	22.32
38	15	2577.5	2612.5	0.1706	0.0183	ppm	13M7W7D	27M	22.32
38	15	2577.5	2612.5	0.1706	0.0183	ppm	13M7W7D	27M	22.32
38	15	2577.5	2612.5	0.1706	0.0183	ppm	13M7W7D	27M	22.32
38	15	2577.5	2612.5	0.1706	0.0183	ppm	13M7W7D	27M	22.32
38	20	2580	2610	0.1824	0.0217	ppm	18M1G7D	27M	22.61
38	20	2580	2610	0.1824	0.0217	ppm	18M1G7D	27M	22.61
38	20	2580	2610	0.1824	0.0217	ppm	18M1G7D	27M	22.61

38	20	2580	2610	0.1824	0.0217	ppm	18M1G7D	27M	22.61
38	20	2580	2610	0.1824	0.0217	ppm	18M1G7D	27M	22.61
38	20	2580	2610	0.1824	0.0217	ppm	18M1G7D	27M	22.61
38	20	2580	2610	0.1824	0.0217	ppm	18M1G7D	27M	22.61
38	20	2580	2610	0.1514	0.0153	ppm	18M2W7D	27M	21.80
38	20	2580	2610	0.1514	0.0153	ppm	18M2W7D	27M	21.80
38	20	2580	2610	0.1514	0.0153	ppm	18M2W7D	27M	21.80
38	20	2580	2610	0.1514	0.0153	ppm	18M2W7D	27M	21.80
38	20	2580	2610	0.1514	0.0153	ppm	18M2W7D	27M	21.80
38	20	2580	2610	0.1514	0.0153	ppm	18M2W7D	27M	21.80
38	20	2580	2610	0.1514	0.0153	ppm	18M2W7D	27M	21.80

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)
38	5	2572.5	2617.5	0.2193	0.0156	ppm	4M59G7D	27M	23.41
38	5	2572.5	2617.5	0.2193	0.0156	ppm	4M59G7D	27M	23.41
38	5	2572.5	2617.5	0.2193	0.0156	ppm	4M59G7D	27M	23.41
38	5	2572.5	2617.5	0.2193	0.0156	ppm	4M59G7D	27M	23.41
38	5	2572.5	2617.5	0.2193	0.0156	ppm	4M59G7D	27M	23.41
38	5	2572.5	2617.5	0.2193	0.0156	ppm	4M59G7D	27M	23.41
38	5	2572.5	2617.5	0.2193	0.0156	ppm	4M59G7D	27M	23.41
38	5	2572.5	2617.5	0.1799	0.0238	ppm	4M61W7D	27M	22.55
38	5	2572.5	2617.5	0.1799	0.0238	ppm	4M61W7D	27M	22.55
38	5	2572.5	2617.5	0.1799	0.0238	ppm	4M61W7D	27M	22.55
38	5	2572.5	2617.5	0.1799	0.0238	ppm	4M61W7D	27M	22.55
38	5	2572.5	2617.5	0.1799	0.0238	ppm	4M61W7D	27M	22.55
38	5	2572.5	2617.5	0.1799	0.0238	ppm	4M61W7D	27M	22.55
38	5	2572.5	2617.5	0.1799	0.0238	ppm	4M61W7D	27M	22.55
38	10	2575	2615	0.2234	0.0185	ppm	9M12G7D	27M	23.49
38	10	2575	2615	0.2234	0.0185	ppm	9M12G7D	27M	23.49
38	10	2575	2615	0.2234	0.0185	ppm	9M12G7D	27M	23.49
38	10	2575	2615	0.2234	0.0185	ppm	9M12G7D	27M	23.49
38	10	2575	2615	0.2234	0.0185	ppm	9M12G7D	27M	23.49
38	10	2575	2615	0.2234	0.0185	ppm	9M12G7D	27M	23.49
38	10	2575	2615	0.1803	0.0171	ppm	9M10W7D	27M	22.56
38	10	2575	2615	0.1803	0.0171	ppm	9M10W7D	27M	22.56
38	10	2575	2615	0.1803	0.0171	ppm	9M10W7D	27M	22.56
38	10	2575	2615	0.1803	0.0171	ppm	9M10W7D	27M	22.56
38	10	2575	2615	0.1803	0.0171	ppm	9M10W7D	27M	22.56
38	10	2575	2615	0.1803	0.0171	ppm	9M10W7D	27M	22.56
38	10	2575	2615	0.1803	0.0171	ppm	9M10W7D	27M	22.56
38	15	2577.5	2612.5	0.2438	0.0208	ppm	13M6G7D	27M	23.87
38	15	2577.5	2612.5	0.2438	0.0208	ppm	13M6G7D	27M	23.87
38	15	2577.5	2612.5	0.2438	0.0208	ppm	13M6G7D	27M	23.87
38	15	2577.5	2612.5	0.2438	0.0208	ppm	13M6G7D	27M	23.87
38	15	2577.5	2612.5	0.2438	0.0208	ppm	13M6G7D	27M	23.87
38	15	2577.5	2612.5	0.2438	0.0208	ppm	13M6G7D	27M	23.87
38	15	2577.5	2612.5	0.2438	0.0208	ppm	13M6G7D	27M	23.87
38	15	2577.5	2612.5	0.2014	0.0183	ppm	13M7W7D	27M	23.04
38	15	2577.5	2612.5	0.2014	0.0183	ppm	13M7W7D	27M	23.04

[illegible]