

Appendix Test Data for LTE_band_38

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B38_5MHz_EIRP

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	21.48	1.70	23.18	<=33.01	Pass
			13	21.59	1.70	23.29	<=33.01	Pass
			24	21.45	1.70	23.15	<=33.01	Pass
		12	0	20.48	1.70	22.18	<=33.01	Pass
			6	20.55	1.70	22.25	<=33.01	Pass
			13	20.44	1.70	22.14	<=33.01	Pass
		25	0	20.43	1.70	22.13	<=33.01	Pass
	2595	1	0	21.32	1.70	23.02	<=33.01	Pass
			13	21.36	1.70	23.06	<=33.01	Pass
			24	21.22	1.70	22.92	<=33.01	Pass
		12	0	20.25	1.70	21.95	<=33.01	Pass
			6	20.33	1.70	22.03	<=33.01	Pass
			13	20.18	1.70	21.88	<=33.01	Pass
		25	0	20.19	1.70	21.89	<=33.01	Pass
	2617.5	1	0	21.05	1.70	22.75	<=33.01	Pass
			13	21.15	1.70	22.85	<=33.01	Pass
			24	21.01	1.70	22.71	<=33.01	Pass
		12	0	19.99	1.70	21.69	<=33.01	Pass
			6	19.98	1.70	21.68	<=33.01	Pass
			13	19.86	1.70	21.56	<=33.01	Pass
		25	0	19.91	1.70	21.61	<=33.01	Pass
16QAM	2572.5	1	0	20.41	1.70	22.11	<=33.01	Pass
			13	20.52	1.70	22.22	<=33.01	Pass
			24	20.35	1.70	22.05	<=33.01	Pass
		12	0	19.42	1.70	21.12	<=33.01	Pass
			6	19.55	1.70	21.25	<=33.01	Pass
			13	19.45	1.70	21.15	<=33.01	Pass
		25	0	19.36	1.70	21.06	<=33.01	Pass
	2595	1	0	20.30	1.70	22.00	<=33.01	Pass
			13	20.25	1.70	21.95	<=33.01	Pass
			24	20.29	1.70	21.99	<=33.01	Pass
		12	0	19.20	1.70	20.90	<=33.01	Pass
			6	19.25	1.70	20.95	<=33.01	Pass
			13	19.04	1.70	20.74	<=33.01	Pass
		25	0	19.20	1.70	20.90	<=33.01	Pass
	2617.5	1	0	19.88	1.70	21.58	<=33.01	Pass
			13	20.18	1.70	21.88	<=33.01	Pass
			24	20.05	1.70	21.75	<=33.01	Pass
		12	0	18.78	1.70	20.48	<=33.01	Pass
			6	18.82	1.70	20.52	<=33.01	Pass
			13	18.69	1.70	20.39	<=33.01	Pass
		25	0	18.81	1.70	20.51	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B38_10MHz_EIRP

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	21.54	1.70	23.24	<=33.01	Pass
			25	21.72	1.70	23.42	<=33.01	Pass
			49	21.49	1.70	23.19	<=33.01	Pass
		25	0	20.59	1.70	22.29	<=33.01	Pass
			13	20.49	1.70	22.19	<=33.01	Pass
			25	20.48	1.70	22.18	<=33.01	Pass
		50	0	20.48	1.70	22.18	<=33.01	Pass
	2595	1	0	21.41	1.70	23.11	<=33.01	Pass
			25	21.53	1.70	23.23	<=33.01	Pass
			49	21.23	1.70	22.93	<=33.01	Pass
		25	0	20.37	1.70	22.07	<=33.01	Pass
			13	20.32	1.70	22.02	<=33.01	Pass
			25	20.20	1.70	21.90	<=33.01	Pass
		50	0	20.30	1.70	22.00	<=33.01	Pass
	2615	1	0	21.12	1.70	22.82	<=33.01	Pass
			25	21.26	1.70	22.96	<=33.01	Pass
			49	20.96	1.70	22.66	<=33.01	Pass
		25	0	20.03	1.70	21.73	<=33.01	Pass
			13	19.98	1.70	21.68	<=33.01	Pass
			25	19.92	1.70	21.62	<=33.01	Pass
		50	0	19.93	1.70	21.63	<=33.01	Pass
16QAM	2575	1	0	20.20	1.70	21.90	<=33.01	Pass
			25	20.87	1.70	22.57	<=33.01	Pass
			49	20.56	1.70	22.26	<=33.01	Pass
		25	0	19.56	1.70	21.26	<=33.01	Pass
			13	19.44	1.70	21.14	<=33.01	Pass
			25	19.43	1.70	21.13	<=33.01	Pass
		50	0	19.48	1.70	21.18	<=33.01	Pass
	2595	1	0	20.29	1.70	21.99	<=33.01	Pass
			25	20.27	1.70	21.97	<=33.01	Pass
			49	20.08	1.70	21.78	<=33.01	Pass
		25	0	19.34	1.70	21.04	<=33.01	Pass
			13	19.26	1.70	20.96	<=33.01	Pass
			25	19.20	1.70	20.90	<=33.01	Pass
		50	0	19.23	1.70	20.93	<=33.01	Pass
	2615	1	0	19.68	1.70	21.38	<=33.01	Pass
			25	20.21	1.70	21.91	<=33.01	Pass
			49	19.92	1.70	21.62	<=33.01	Pass
		25	0	19.04	1.70	20.74	<=33.01	Pass
			13	18.87	1.70	20.57	<=33.01	Pass
			25	18.83	1.70	20.53	<=33.01	Pass
		50	0	18.79	1.70	20.49	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B38_15MHz_EIRP

Band: 38 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2577.5	1	0	21.39	1.70	23.09	<=33.01	Pass
			38	21.47	1.70	23.17	<=33.01	Pass
			74	21.29	1.70	22.99	<=33.01	Pass
		36	0	20.54	1.70	22.24	<=33.01	Pass
			18	20.52	1.70	22.22	<=33.01	Pass
			39	20.43	1.70	22.13	<=33.01	Pass
		75	0	20.48	1.70	22.18	<=33.01	Pass
	2595	1	0	21.23	1.70	22.93	<=33.01	Pass
			38	21.41	1.70	23.11	<=33.01	Pass
			74	21.04	1.70	22.74	<=33.01	Pass
		36	0	20.43	1.70	22.13	<=33.01	Pass
			18	20.37	1.70	22.07	<=33.01	Pass
			39	20.23	1.70	21.93	<=33.01	Pass
		75	0	20.32	1.70	22.02	<=33.01	Pass
	2612.5	1	0	20.85	1.70	22.55	<=33.01	Pass
			38	21.06	1.70	22.76	<=33.01	Pass
			74	20.79	1.70	22.49	<=33.01	Pass
		36	0	20.14	1.70	21.84	<=33.01	Pass
			18	20.11	1.70	21.81	<=33.01	Pass
			39	20.03	1.70	21.73	<=33.01	Pass
		75	0	20.06	1.70	21.76	<=33.01	Pass
16QAM	2577.5	1	0	20.23	1.70	21.93	<=33.01	Pass
			38	20.41	1.70	22.11	<=33.01	Pass
			74	20.62	1.70	22.32	<=33.01	Pass
		36	0	19.43	1.70	21.13	<=33.01	Pass
			18	19.53	1.70	21.23	<=33.01	Pass
			39	19.38	1.70	21.08	<=33.01	Pass
		75	0	19.43	1.70	21.13	<=33.01	Pass
	2595	1	0	19.96	1.70	21.66	<=33.01	Pass
			38	20.07	1.70	21.77	<=33.01	Pass
			74	19.70	1.70	21.40	<=33.01	Pass
		36	0	19.30	1.70	21.00	<=33.01	Pass
			18	19.32	1.70	21.02	<=33.01	Pass
			39	19.12	1.70	20.82	<=33.01	Pass
		75	0	19.21	1.70	20.91	<=33.01	Pass
	2612.5	1	0	19.90	1.70	21.60	<=33.01	Pass
			38	20.04	1.70	21.74	<=33.01	Pass
			74	19.49	1.70	21.19	<=33.01	Pass
		36	0	19.00	1.70	20.70	<=33.01	Pass
			18	18.94	1.70	20.64	<=33.01	Pass
			39	18.83	1.70	20.53	<=33.01	Pass
		75	0	18.90	1.70	20.60	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B38_20MHz_EIRP

Band: 38 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2580	1	0	21.23	1.70	22.93	<=33.01	Pass
			50	21.65	1.70	23.35	<=33.01	Pass
			99	21.14	1.70	22.84	<=33.01	Pass
		50	0	20.49	1.70	22.19	<=33.01	Pass
			25	20.44	1.70	22.14	<=33.01	Pass
			50	20.31	1.70	22.01	<=33.01	Pass
		100	0	20.45	1.70	22.15	<=33.01	Pass
			0	21.14	1.70	22.84	<=33.01	Pass
			50	21.51	1.70	23.21	<=33.01	Pass
	2595	1	99	20.84	1.70	22.54	<=33.01	Pass
			0	20.34	1.70	22.04	<=33.01	Pass
			25	20.25	1.70	21.95	<=33.01	Pass
		50	50	20.04	1.70	21.74	<=33.01	Pass
			0	20.22	1.70	21.92	<=33.01	Pass
			0	20.87	1.70	22.57	<=33.01	Pass
		100	50	21.25	1.70	22.95	<=33.01	Pass
			99	20.77	1.70	22.47	<=33.01	Pass
			0	20.04	1.70	21.74	<=33.01	Pass
	2610	50	25	19.89	1.70	21.59	<=33.01	Pass
			50	19.76	1.70	21.46	<=33.01	Pass
		100	0	19.89	1.70	21.59	<=33.01	Pass
16QAM	2580	1	0	20.36	1.70	22.06	<=33.01	Pass
			50	20.61	1.70	22.31	<=33.01	Pass
			99	20.20	1.70	21.90	<=33.01	Pass
		50	0	19.47	1.70	21.17	<=33.01	Pass
			25	19.30	1.70	21.00	<=33.01	Pass
			50	19.31	1.70	21.01	<=33.01	Pass
		100	0	19.40	1.70	21.10	<=33.01	Pass
			0	19.78	1.70	21.48	<=33.01	Pass
			50	20.17	1.70	21.87	<=33.01	Pass
	2595	1	99	19.49	1.70	21.19	<=33.01	Pass
			0	19.30	1.70	21.00	<=33.01	Pass
			25	19.20	1.70	20.90	<=33.01	Pass
		50	50	19.01	1.70	20.71	<=33.01	Pass
			0	19.22	1.70	20.92	<=33.01	Pass
			0	19.76	1.70	21.46	<=33.01	Pass
		100	50	20.29	1.70	21.99	<=33.01	Pass
			99	19.65	1.70	21.35	<=33.01	Pass
			0	18.94	1.70	20.64	<=33.01	Pass
	2610	50	25	18.88	1.70	20.58	<=33.01	Pass
			50	18.71	1.70	20.41	<=33.01	Pass
		100	0	18.86	1.70	20.56	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B38_5MHz

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	3.23	-11.415	-0.0044	-2.5 to 2.5	Pass
					3.80	-34.847	-0.0135	-2.5 to 2.5	Pass
					4.37	-56.520	-0.0220	-2.5 to 2.5	Pass
				-30	3.80	-65.832	-0.0256	-2.5 to 2.5	Pass
				-20	3.80	184.565	0.0717	-2.5 to 2.5	Pass
				-10	3.80	562.906	0.2188	-2.5 to 2.5	Pass
				0	3.80	561.547	0.2183	-2.5 to 2.5	Pass
				10	3.80	559.130	0.2173	-2.5 to 2.5	Pass
				30	3.80	555.167	0.2158	-2.5 to 2.5	Pass
				40	3.80	546.355	0.2124	-2.5 to 2.5	Pass
				50	3.80	551.362	0.2143	-2.5 to 2.5	Pass
	2595	25	0	20	3.23	-9.913	-0.0038	-2.5 to 2.5	Pass
					3.80	-9.456	-0.0036	-2.5 to 2.5	Pass
					4.37	-18.125	-0.0070	-2.5 to 2.5	Pass
				-30	3.80	-19.026	-0.0073	-2.5 to 2.5	Pass
				-20	3.80	-12.116	-0.0047	-2.5 to 2.5	Pass
				-10	3.80	-13.289	-0.0051	-2.5 to 2.5	Pass
				0	3.80	-9.012	-0.0035	-2.5 to 2.5	Pass
				10	3.80	-4.849	-0.0019	-2.5 to 2.5	Pass
				30	3.80	-9.599	-0.0037	-2.5 to 2.5	Pass
				40	3.80	-13.218	-0.0051	-2.5 to 2.5	Pass
				50	3.80	-2.775	-0.0011	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.23	22.759	0.0087	-2.5 to 2.5	Pass
					3.80	17.166	0.0066	-2.5 to 2.5	Pass
					4.37	7.997	0.0031	-2.5 to 2.5	Pass
				-30	3.80	22.817	0.0087	-2.5 to 2.5	Pass
				-20	3.80	23.589	0.0090	-2.5 to 2.5	Pass
				-10	3.80	23.775	0.0091	-2.5 to 2.5	Pass
				0	3.80	27.480	0.0105	-2.5 to 2.5	Pass
				10	3.80	13.390	0.0051	-2.5 to 2.5	Pass
				30	3.80	9.227	0.0035	-2.5 to 2.5	Pass
				40	3.80	2.561	0.0010	-2.5 to 2.5	Pass
				50	3.80	5.822	0.0022	-2.5 to 2.5	Pass
16QAM	2572.5	25	0	20	3.23	539.861	0.2099	-2.5 to 2.5	Pass
					3.80	559.259	0.2174	-2.5 to 2.5	Pass
					4.37	558.744	0.2172	-2.5 to 2.5	Pass
				-30	3.80	539.517	0.2097	-2.5 to 2.5	Pass
				-20	3.80	553.865	0.2153	-2.5 to 2.5	Pass
				-10	3.80	554.509	0.2156	-2.5 to 2.5	Pass
				0	3.80	534.411	0.2077	-2.5 to 2.5	Pass
				10	3.80	-22.945	-0.0089	-2.5 to 2.5	Pass
				30	3.80	-44.088	-0.0171	-2.5 to 2.5	Pass
				40	3.80	-52.400	-0.0204	-2.5 to 2.5	Pass
				50	3.80	-63.257	-0.0246	-2.5 to 2.5	Pass
	2595	25	0	20	3.23	-15.421	-0.0059	-2.5 to 2.5	Pass
					3.80	-4.950	-0.0019	-2.5 to 2.5	Pass
					4.37	-4.435	-0.0017	-2.5 to 2.5	Pass
				-30	3.80	-17.352	-0.0067	-2.5 to 2.5	Pass
				-20	3.80	-15.736	-0.0061	-2.5 to 2.5	Pass
				-10	3.80	-15.993	-0.0062	-2.5 to 2.5	Pass

				0	3.80	2.503	0.0010	-2.5 to 2.5	Pass
				10	3.80	-5.765	-0.0022	-2.5 to 2.5	Pass
				30	3.80	1.845	0.0007	-2.5 to 2.5	Pass
				40	3.80	-8.612	-0.0033	-2.5 to 2.5	Pass
				50	3.80	3.333	0.0013	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.23	8.454	0.0032	-2.5 to 2.5	Pass
					3.80	19.770	0.0076	-2.5 to 2.5	Pass
					4.37	20.657	0.0079	-2.5 to 2.5	Pass
				-30	3.80	14.048	0.0054	-2.5 to 2.5	Pass
				-20	3.80	22.001	0.0084	-2.5 to 2.5	Pass
				-10	3.80	12.274	0.0047	-2.5 to 2.5	Pass
				0	3.80	26.321	0.0101	-2.5 to 2.5	Pass
				10	3.80	20.299	0.0078	-2.5 to 2.5	Pass
				30	3.80	22.144	0.0085	-2.5 to 2.5	Pass
				40	3.80	33.059	0.0126	-2.5 to 2.5	Pass
				50	3.80	6.480	0.0025	-2.5 to 2.5	Pass

2.1.2 B38_10MHz

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	3.23	-18.296	-0.0071	-2.5 to 2.5	Pass
					3.80	-12.274	-0.0048	-2.5 to 2.5	Pass
					4.37	-10.586	-0.0041	-2.5 to 2.5	Pass
				-30	3.80	-18.611	-0.0072	-2.5 to 2.5	Pass
				-20	3.80	-8.411	-0.0033	-2.5 to 2.5	Pass
				-10	3.80	-6.809	-0.0026	-2.5 to 2.5	Pass
				0	3.80	-14.949	-0.0058	-2.5 to 2.5	Pass
				10	3.80	-6.466	-0.0025	-2.5 to 2.5	Pass
				30	3.80	-11.702	-0.0045	-2.5 to 2.5	Pass
				40	3.80	-4.478	-0.0017	-2.5 to 2.5	Pass
				50	3.80	-6.752	-0.0026	-2.5 to 2.5	Pass
	2595	50	0	20	3.23	-9.084	-0.0035	-2.5 to 2.5	Pass
					3.80	-13.046	-0.0050	-2.5 to 2.5	Pass
					4.37	-5.579	-0.0021	-2.5 to 2.5	Pass
				-30	3.80	-10.443	-0.0040	-2.5 to 2.5	Pass
				-20	3.80	-8.254	-0.0032	-2.5 to 2.5	Pass
				-10	3.80	-5.779	-0.0022	-2.5 to 2.5	Pass
				0	3.80	-2.904	-0.0011	-2.5 to 2.5	Pass
				10	3.80	-2.174	-0.0008	-2.5 to 2.5	Pass
				30	3.80	-9.069	-0.0035	-2.5 to 2.5	Pass
				40	3.80	-3.104	-0.0012	-2.5 to 2.5	Pass
				50	3.80	-5.479	-0.0021	-2.5 to 2.5	Pass
	2615	50	0	20	3.23	-9.499	-0.0036	-2.5 to 2.5	Pass
					3.80	-11.687	-0.0045	-2.5 to 2.5	Pass
					4.37	-6.351	-0.0024	-2.5 to 2.5	Pass
				-30	3.80	-0.114	0.0000	-2.5 to 2.5	Pass
				-20	3.80	-6.094	-0.0023	-2.5 to 2.5	Pass
				-10	3.80	5.937	0.0023	-2.5 to 2.5	Pass
				0	3.80	0.114	0.0000	-2.5 to 2.5	Pass
				10	3.80	-20.142	-0.0077	-2.5 to 2.5	Pass
				30	3.80	-5.622	-0.0021	-2.5 to 2.5	Pass
				40	3.80	-4.835	-0.0018	-2.5 to 2.5	Pass
16QAM	2575	50	0	20	3.23	-9.327	-0.0036	-2.5 to 2.5	Pass
					3.80	0.858	0.0003	-2.5 to 2.5	Pass
					4.37	-3.834	-0.0015	-2.5 to 2.5	Pass
				-30	3.80	-14.219	-0.0055	-2.5 to 2.5	Pass
				-20	3.80	-10.629	-0.0041	-2.5 to 2.5	Pass
				-10	3.80	-13.361	-0.0052	-2.5 to 2.5	Pass
				0	3.80	-14.920	-0.0058	-2.5 to 2.5	Pass
				10	3.80	-12.460	-0.0048	-2.5 to 2.5	Pass
				30	3.80	-18.311	-0.0071	-2.5 to 2.5	Pass
				40	3.80	-0.329	-0.0001	-2.5 to 2.5	Pass
				50	3.80	-11.845	-0.0046	-2.5 to 2.5	Pass
	2595	50	0	20	3.23	-4.678	-0.0018	-2.5 to 2.5	Pass
					3.80	-6.566	-0.0025	-2.5 to 2.5	Pass
					4.37	-9.499	-0.0037	-2.5 to 2.5	Pass
				-30	3.80	-6.537	-0.0025	-2.5 to 2.5	Pass
				-20	3.80	-8.411	-0.0032	-2.5 to 2.5	Pass
				-10	3.80	-1.259	-0.0005	-2.5 to 2.5	Pass
				0	3.80	-6.466	-0.0025	-2.5 to 2.5	Pass
				10	3.80	-6.022	-0.0023	-2.5 to 2.5	Pass
				30	3.80	-13.018	-0.0050	-2.5 to 2.5	Pass
				40	3.80	2.289	0.0009	-2.5 to 2.5	Pass
				50	3.80	-18.096	-0.0070	-2.5 to 2.5	Pass

	2615	50	0	20	3.23	-5.465	-0.0021	-2.5 to 2.5	Pass
					3.80	-3.920	-0.0015	-2.5 to 2.5	Pass
					4.37	-6.480	-0.0025	-2.5 to 2.5	Pass
				-30	3.80	-7.095	-0.0027	-2.5 to 2.5	Pass
				-20	3.80	-6.881	-0.0026	-2.5 to 2.5	Pass
				-10	3.80	-4.234	-0.0016	-2.5 to 2.5	Pass
				0	3.80	-8.197	-0.0031	-2.5 to 2.5	Pass
				10	3.80	1.073	0.0004	-2.5 to 2.5	Pass
				30	3.80	-20.328	-0.0078	-2.5 to 2.5	Pass
				40	3.80	-9.928	-0.0038	-2.5 to 2.5	Pass
				50	3.80	-9.699	-0.0037	-2.5 to 2.5	Pass

2.1.3 B38_15MHz

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	3.23	-10.214	-0.0040	-2.5 to 2.5	Pass
					3.80	-9.727	-0.0038	-2.5 to 2.5	Pass
					4.37	-6.108	-0.0024	-2.5 to 2.5	Pass
				-30	3.80	-4.621	-0.0018	-2.5 to 2.5	Pass
				-20	3.80	-8.597	-0.0033	-2.5 to 2.5	Pass
				-10	3.80	-8.211	-0.0032	-2.5 to 2.5	Pass
				0	3.80	-6.251	-0.0024	-2.5 to 2.5	Pass
				10	3.80	-7.725	-0.0030	-2.5 to 2.5	Pass
				30	3.80	-15.879	-0.0062	-2.5 to 2.5	Pass
				40	3.80	-3.433	-0.0013	-2.5 to 2.5	Pass
				50	3.80	-2.503	-0.0010	-2.5 to 2.5	Pass
	2595	75	0	20	3.23	-8.554	-0.0033	-2.5 to 2.5	Pass
					3.80	-10.371	-0.0040	-2.5 to 2.5	Pass
					4.37	-11.415	-0.0044	-2.5 to 2.5	Pass
				-30	3.80	-14.091	-0.0054	-2.5 to 2.5	Pass
				-20	3.80	-14.062	-0.0054	-2.5 to 2.5	Pass
				-10	3.80	-16.394	-0.0063	-2.5 to 2.5	Pass
				0	3.80	-10.901	-0.0042	-2.5 to 2.5	Pass
				10	3.80	-11.001	-0.0042	-2.5 to 2.5	Pass
				30	3.80	-13.032	-0.0050	-2.5 to 2.5	Pass
				40	3.80	-11.501	-0.0044	-2.5 to 2.5	Pass
				50	3.80	-5.565	-0.0021	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.23	-14.548	-0.0056	-2.5 to 2.5	Pass
					3.80	-12.703	-0.0049	-2.5 to 2.5	Pass
					4.37	-8.998	-0.0034	-2.5 to 2.5	Pass
				-30	3.80	-4.520	-0.0017	-2.5 to 2.5	Pass
				-20	3.80	-6.223	-0.0024	-2.5 to 2.5	Pass
				-10	3.80	-3.119	-0.0012	-2.5 to 2.5	Pass
				0	3.80	-19.484	-0.0075	-2.5 to 2.5	Pass
				10	3.80	-9.298	-0.0036	-2.5 to 2.5	Pass
				30	3.80	-6.781	-0.0026	-2.5 to 2.5	Pass
				40	3.80	-5.322	-0.0020	-2.5 to 2.5	Pass
16QAM	2577.5	75	0	20	3.23	-10.829	-0.0042	-2.5 to 2.5	Pass
					3.80	-0.701	-0.0003	-2.5 to 2.5	Pass
					4.37	-10.171	-0.0039	-2.5 to 2.5	Pass
				-30	3.80	-4.005	-0.0016	-2.5 to 2.5	Pass
				-20	3.80	-5.550	-0.0022	-2.5 to 2.5	Pass
				-10	3.80	-6.280	-0.0024	-2.5 to 2.5	Pass
				0	3.80	-4.749	-0.0018	-2.5 to 2.5	Pass
				10	3.80	-8.926	-0.0035	-2.5 to 2.5	Pass
				30	3.80	-12.331	-0.0048	-2.5 to 2.5	Pass
				40	3.80	-2.003	-0.0008	-2.5 to 2.5	Pass
				50	3.80	-11.315	-0.0044	-2.5 to 2.5	Pass
	2595	75	0	20	3.23	-9.642	-0.0037	-2.5 to 2.5	Pass
					3.80	-8.140	-0.0031	-2.5 to 2.5	Pass
					4.37	-12.302	-0.0047	-2.5 to 2.5	Pass
				-30	3.80	-12.674	-0.0049	-2.5 to 2.5	Pass
				-20	3.80	-5.007	-0.0019	-2.5 to 2.5	Pass
				-10	3.80	-14.377	-0.0055	-2.5 to 2.5	Pass
				0	3.80	-1.674	-0.0006	-2.5 to 2.5	Pass
				10	3.80	-8.340	-0.0032	-2.5 to 2.5	Pass
				30	3.80	-2.160	-0.0008	-2.5 to 2.5	Pass
				40	3.80	-6.795	-0.0026	-2.5 to 2.5	Pass
				50	3.80	-7.539	-0.0029	-2.5 to 2.5	Pass

	2612.5	75	0	20	3.23	-8.497	-0.0033	-2.5 to 2.5	Pass
					3.80	-9.942	-0.0038	-2.5 to 2.5	Pass
					4.37	-12.360	-0.0047	-2.5 to 2.5	Pass
				-30	3.80	-10.715	-0.0041	-2.5 to 2.5	Pass
				-20	3.80	-5.193	-0.0020	-2.5 to 2.5	Pass
				-10	3.80	-11.930	-0.0046	-2.5 to 2.5	Pass
				0	3.80	-6.123	-0.0023	-2.5 to 2.5	Pass
				10	3.80	-8.039	-0.0031	-2.5 to 2.5	Pass
				30	3.80	-11.716	-0.0045	-2.5 to 2.5	Pass
				40	3.80	-4.821	-0.0018	-2.5 to 2.5	Pass
				50	3.80	-4.020	-0.0015	-2.5 to 2.5	Pass

2.1.4 B38_20MHz

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	3.23	-25.907	-0.0100	-2.5 to 2.5	Pass
					3.80	-9.956	-0.0039	-2.5 to 2.5	Pass
					4.37	-11.745	-0.0046	-2.5 to 2.5	Pass
				-30	3.80	-11.888	-0.0046	-2.5 to 2.5	Pass
				-20	3.80	-16.108	-0.0062	-2.5 to 2.5	Pass
				-10	3.80	-8.283	-0.0032	-2.5 to 2.5	Pass
				0	3.80	-12.746	-0.0049	-2.5 to 2.5	Pass
				10	3.80	-19.369	-0.0075	-2.5 to 2.5	Pass
				30	3.80	-13.118	-0.0051	-2.5 to 2.5	Pass
				40	3.80	-8.454	-0.0033	-2.5 to 2.5	Pass
				50	3.80	-14.048	-0.0054	-2.5 to 2.5	Pass
	2595	100	0	20	3.23	-8.326	-0.0032	-2.5 to 2.5	Pass
					3.80	-12.903	-0.0050	-2.5 to 2.5	Pass
					4.37	-4.206	-0.0016	-2.5 to 2.5	Pass
				-30	3.80	-15.450	-0.0060	-2.5 to 2.5	Pass
				-20	3.80	-7.882	-0.0030	-2.5 to 2.5	Pass
				-10	3.80	-12.460	-0.0048	-2.5 to 2.5	Pass
				0	3.80	-11.745	-0.0045	-2.5 to 2.5	Pass
				10	3.80	-4.621	-0.0018	-2.5 to 2.5	Pass
				30	3.80	-13.704	-0.0053	-2.5 to 2.5	Pass
				40	3.80	-8.240	-0.0032	-2.5 to 2.5	Pass
				50	3.80	0.257	0.0001	-2.5 to 2.5	Pass
	2610	100	0	20	3.23	-5.078	-0.0019	-2.5 to 2.5	Pass
					3.80	-8.683	-0.0033	-2.5 to 2.5	Pass
					4.37	-9.441	-0.0036	-2.5 to 2.5	Pass
				-30	3.80	-5.479	-0.0021	-2.5 to 2.5	Pass
				-20	3.80	-5.608	-0.0021	-2.5 to 2.5	Pass
				-10	3.80	-3.762	-0.0014	-2.5 to 2.5	Pass
				0	3.80	1.459	0.0006	-2.5 to 2.5	Pass
				10	3.80	-6.108	-0.0023	-2.5 to 2.5	Pass
				30	3.80	-10.271	-0.0039	-2.5 to 2.5	Pass
				40	3.80	-3.576	-0.0014	-2.5 to 2.5	Pass
16QAM	2580	100	0	20	3.23	-8.769	-0.0034	-2.5 to 2.5	Pass
					3.80	-6.709	-0.0026	-2.5 to 2.5	Pass
					4.37	-7.839	-0.0030	-2.5 to 2.5	Pass
				-30	3.80	-3.176	-0.0012	-2.5 to 2.5	Pass
				-20	3.80	-9.985	-0.0039	-2.5 to 2.5	Pass
				-10	3.80	-18.010	-0.0070	-2.5 to 2.5	Pass
				0	3.80	-6.351	-0.0025	-2.5 to 2.5	Pass
				10	3.80	-9.370	-0.0036	-2.5 to 2.5	Pass
				30	3.80	-14.148	-0.0055	-2.5 to 2.5	Pass
				40	3.80	-11.115	-0.0043	-2.5 to 2.5	Pass
				50	3.80	-5.078	-0.0020	-2.5 to 2.5	Pass
	2595	100	0	20	3.23	-7.324	-0.0028	-2.5 to 2.5	Pass
					3.80	-7.725	-0.0030	-2.5 to 2.5	Pass
					4.37	-10.972	-0.0042	-2.5 to 2.5	Pass
				-30	3.80	-10.042	-0.0039	-2.5 to 2.5	Pass
				-20	3.80	-7.181	-0.0028	-2.5 to 2.5	Pass
				-10	3.80	-11.129	-0.0043	-2.5 to 2.5	Pass
				0	3.80	-10.357	-0.0040	-2.5 to 2.5	Pass
				10	3.80	-9.513	-0.0037	-2.5 to 2.5	Pass
				30	3.80	-9.027	-0.0035	-2.5 to 2.5	Pass
				40	3.80	-10.486	-0.0040	-2.5 to 2.5	Pass
				50	3.80	-11.587	-0.0045	-2.5 to 2.5	Pass

	2610	100	0	20	3.23	-6.909	-0.0026	-2.5 to 2.5	Pass
					3.80	-5.064	-0.0019	-2.5 to 2.5	Pass
					4.37	-7.424	-0.0028	-2.5 to 2.5	Pass
				-30	3.80	-16.179	-0.0062	-2.5 to 2.5	Pass
				-20	3.80	-1.073	-0.0004	-2.5 to 2.5	Pass
				-10	3.80	-5.293	-0.0020	-2.5 to 2.5	Pass
				0	3.80	-3.276	-0.0013	-2.5 to 2.5	Pass
				10	3.80	-2.861	-0.0011	-2.5 to 2.5	Pass
				30	3.80	-4.077	-0.0016	-2.5 to 2.5	Pass
				40	3.80	-4.263	-0.0016	-2.5 to 2.5	Pass
				50	3.80	-4.377	-0.0017	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz / NTNV						
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 B38_10MHz

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

3.1.3 B38_15MHz

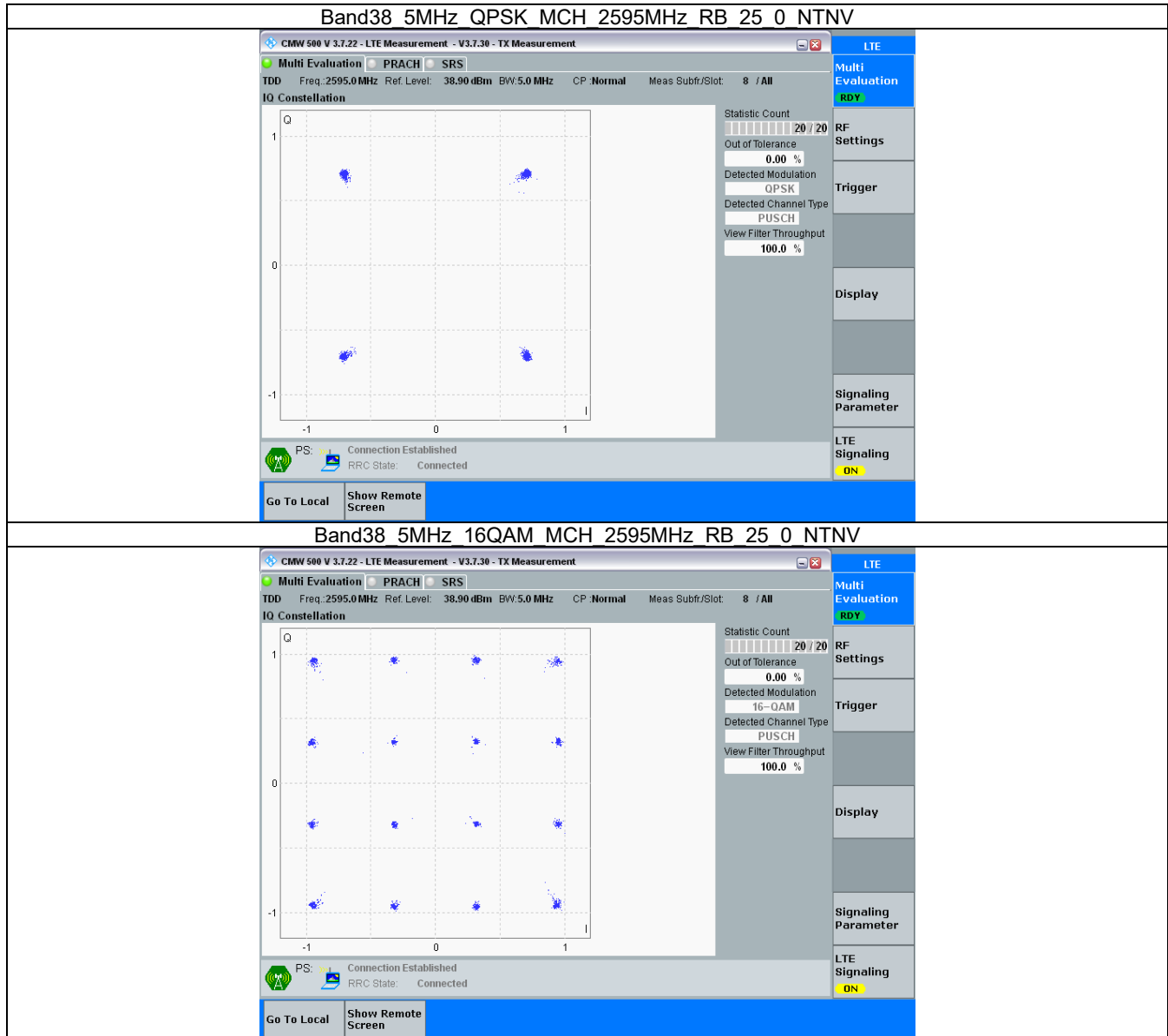
Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2595	75	0	Refer To Test Graph		Pass
16QAM	2595	75	0	Refer To Test Graph		Pass

3.1.4 B38_20MHz

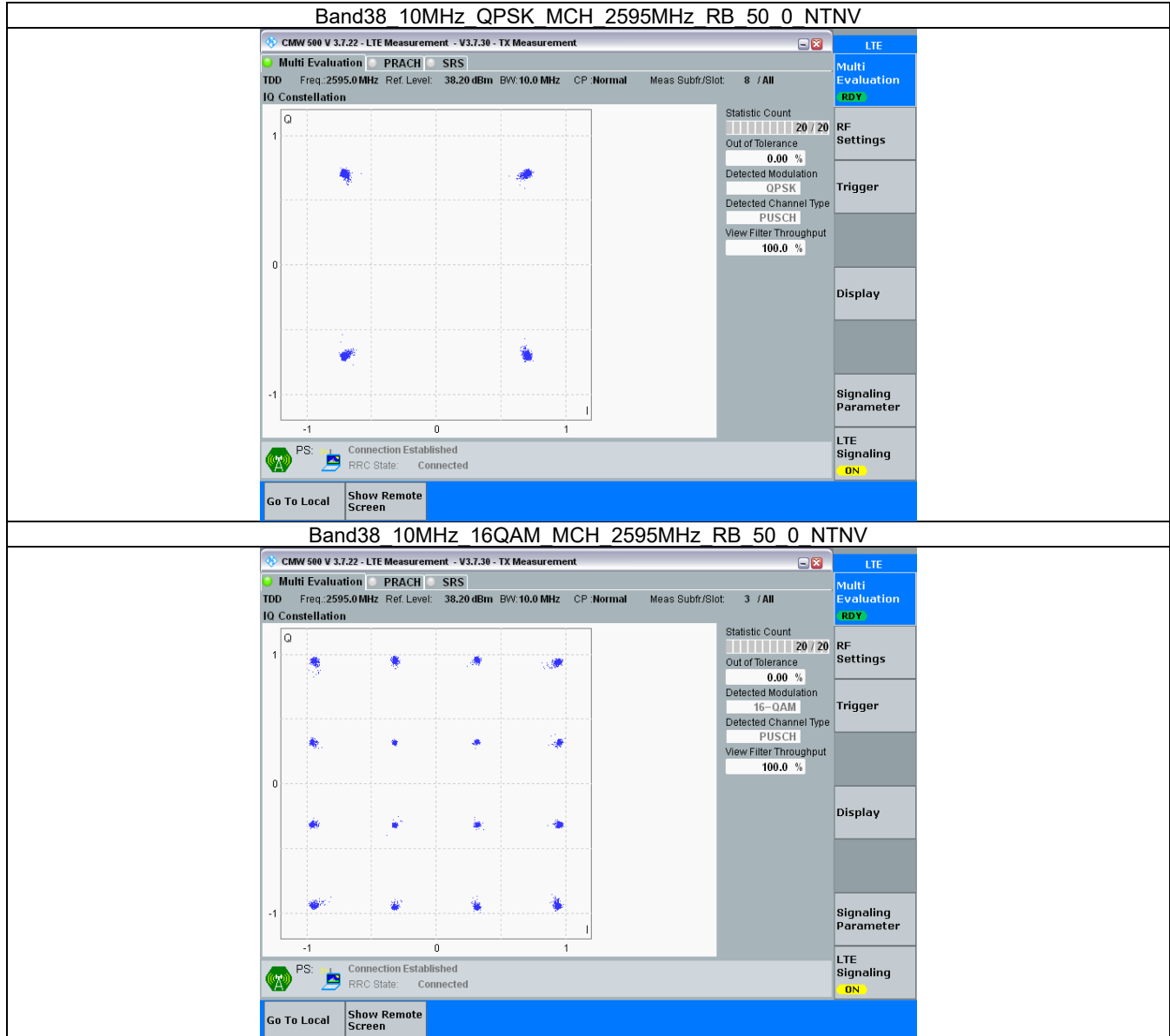
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2595	100	0	Refer To Test Graph		Pass
16QAM	2595	100	0	Refer To Test Graph		Pass

3.2 Test Graph

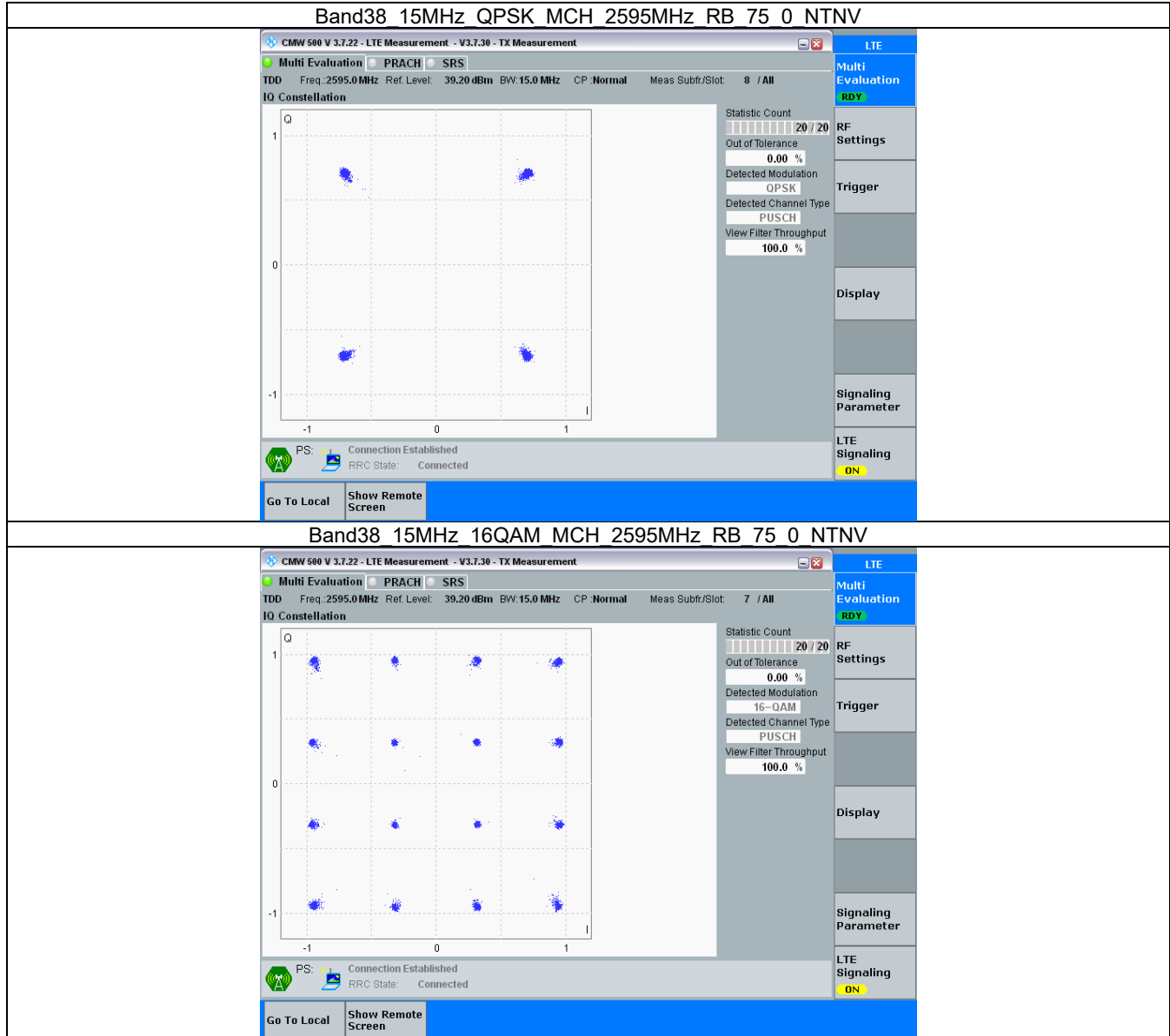
3.2.1 B38_5MHz



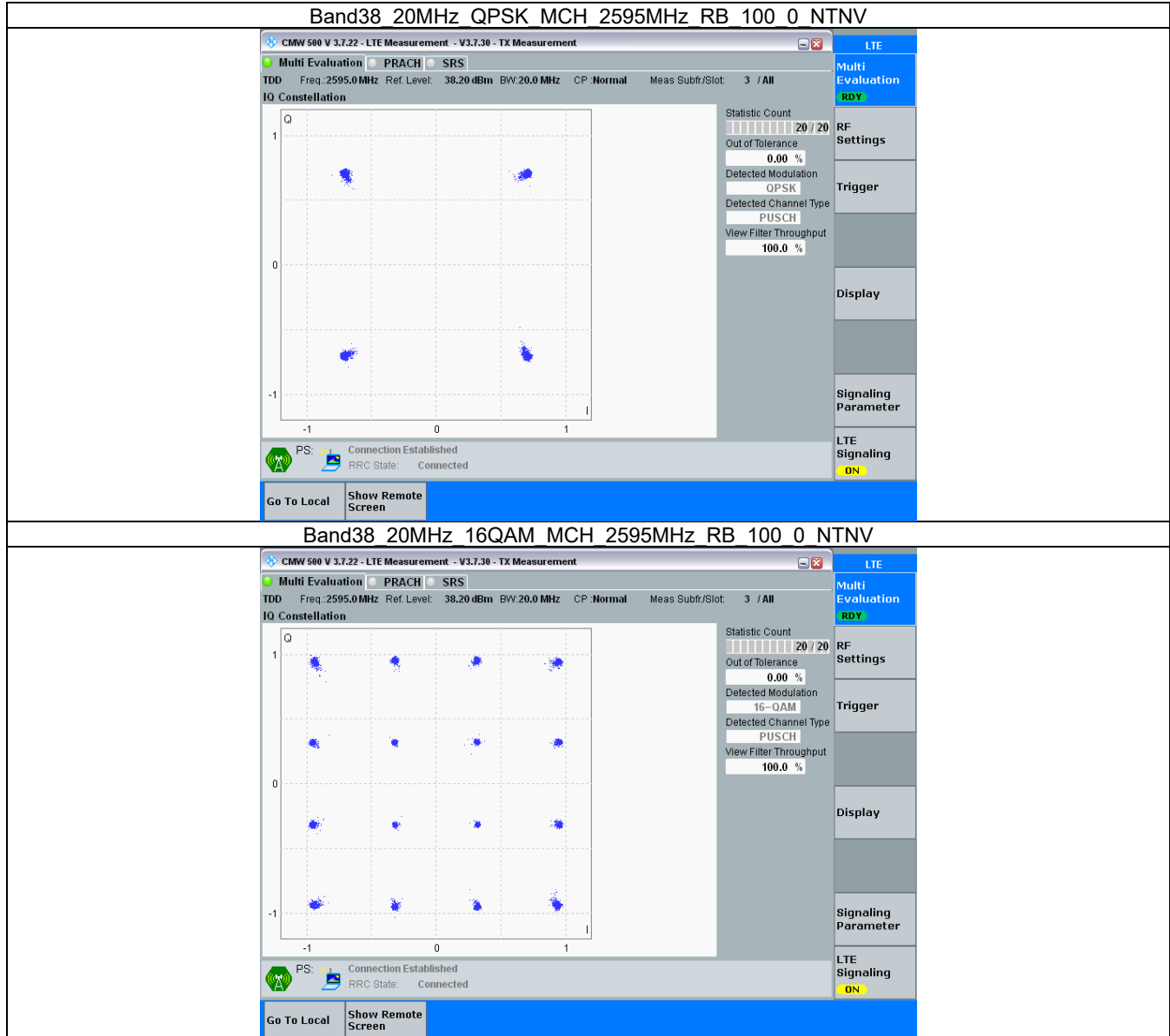
3.2.2 B38_10MHz



3.2.3 B38_15MHz



3.2.4 B38_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band38_OBW

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	4.555	/	Pass
		2595	25	0	4.539	/	Pass
		2617.5	25	0	4.559	/	Pass
	16QAM	2572.5	25	0	4.569	/	Pass
		2595	25	0	4.537	/	Pass
		2617.5	25	0	4.544	/	Pass
10	QPSK	2575	50	0	9.090	/	Pass
		2595	50	0	9.074	/	Pass
		2615	50	0	9.081	/	Pass
	16QAM	2575	50	0	9.077	/	Pass
		2595	50	0	9.040	/	Pass
		2615	50	0	9.105	/	Pass
15	QPSK	2577.5	75	0	13.572	/	Pass
		2595	75	0	13.588	/	Pass
		2612.5	75	0	13.640	/	Pass
	16QAM	2577.5	75	0	13.671	/	Pass
		2595	75	0	13.610	/	Pass
		2612.5	75	0	13.676	/	Pass
20	QPSK	2580	100	0	18.147	/	Pass
		2595	100	0	18.146	/	Pass
		2610	100	0	18.205	/	Pass
	16QAM	2580	100	0	18.141	/	Pass
		2595	100	0	18.184	/	Pass
		2610	100	0	18.138	/	Pass

4.1.2 Band38_XDB

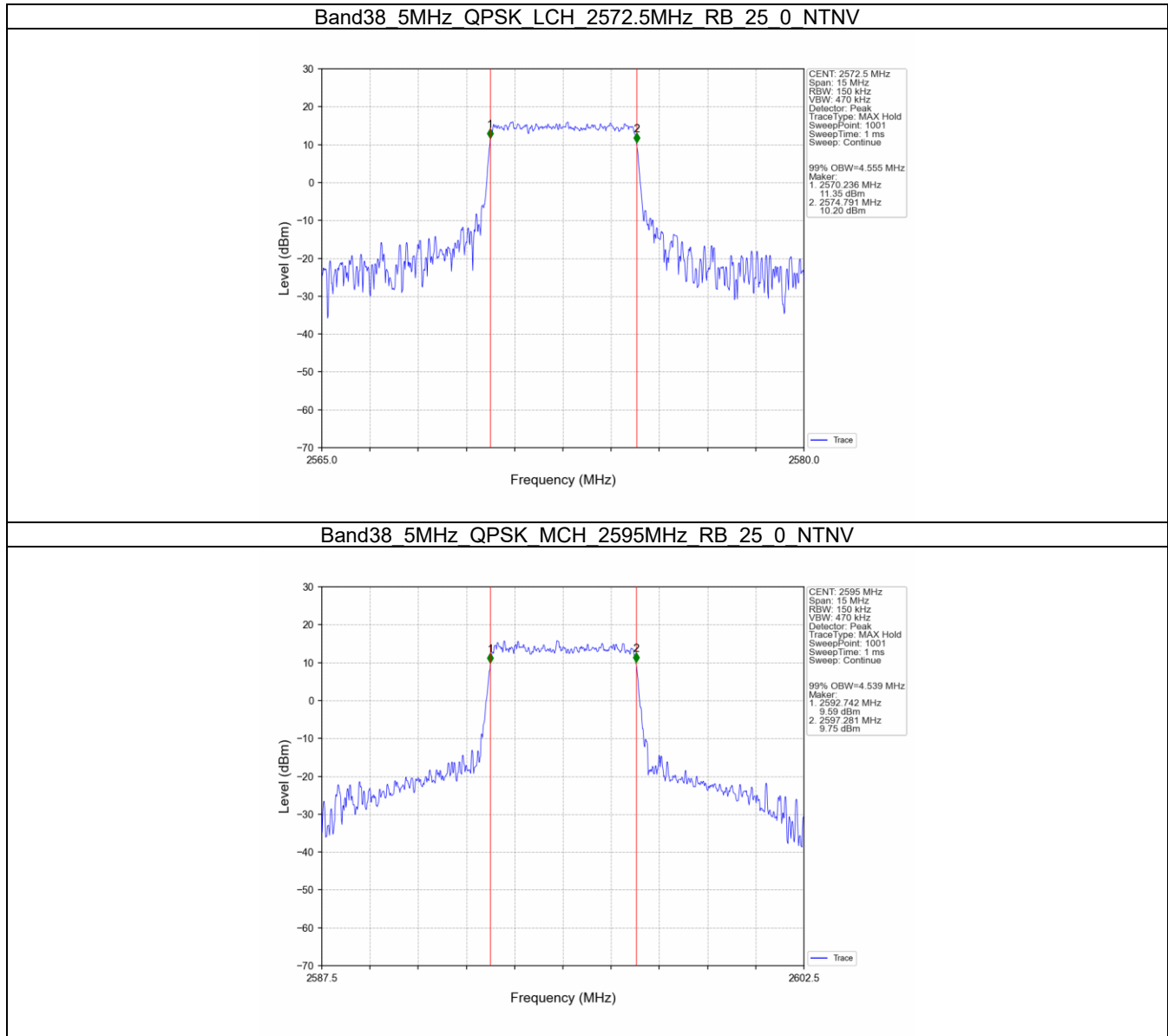
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	5.519	/	Pass
		2595	25	0	5.063	/	Pass
		2617.5	25	0	5.328	/	Pass
	16QAM	2572.5	25	0	5.272	/	Pass
		2595	25	0	5.103	/	Pass
		2617.5	25	0	5.041	/	Pass
10	QPSK	2575	50	0	10.305	/	Pass
		2595	50	0	10.792	/	Pass
		2615	50	0	10.946	/	Pass
	16QAM	2575	50	0	11.552	/	Pass
		2595	50	0	10.581	/	Pass
		2615	50	0	9.887	/	Pass
15	QPSK	2577.5	75	0	15.592	/	Pass
		2595	75	0	15.250	/	Pass
		2612.5	75	0	15.370	/	Pass
	16QAM	2577.5	75	0	17.268	/	Pass
		2595	75	0	16.000	/	Pass
		2612.5	75	0	16.278	/	Pass
20	QPSK	2580	100	0	21.161	/	Pass



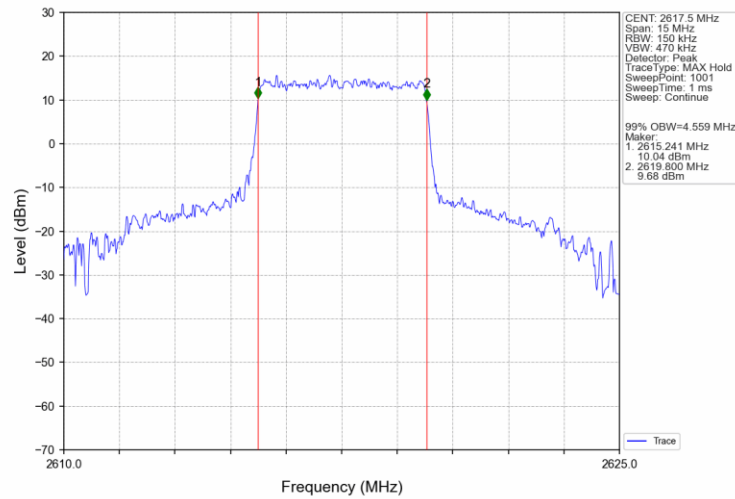
		2595	100	0	20.271	/	Pass
		2610	100	0	20.196	/	Pass
	16QAM	2580	100	0	21.268	/	Pass
		2595	100	0	22.490	/	Pass
		2610	100	0	20.786	/	Pass

4.2 Test Graph

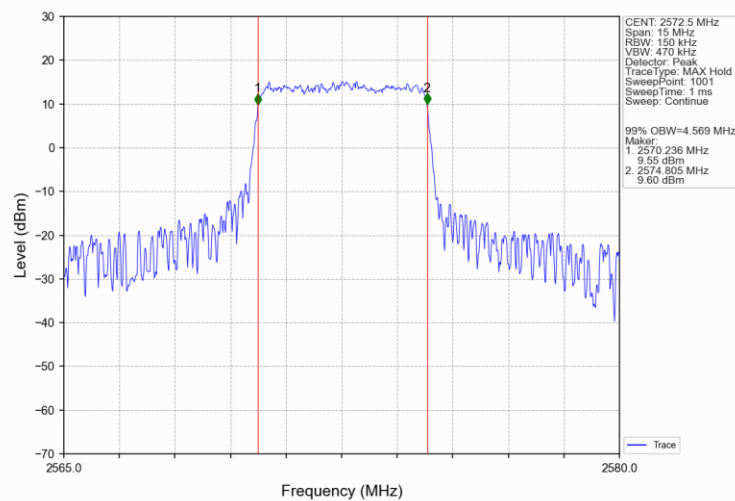
4.2.1 Band38_OBW



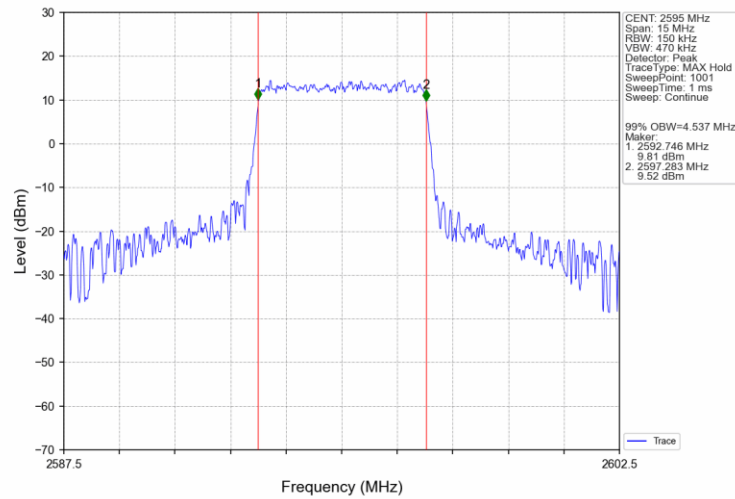
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



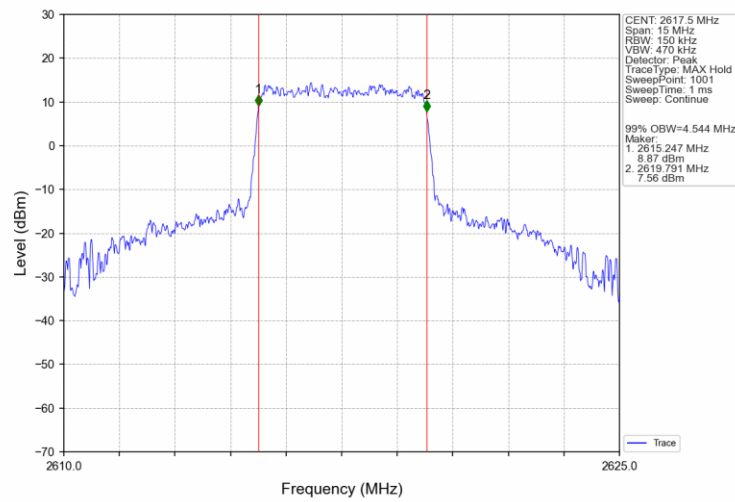
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



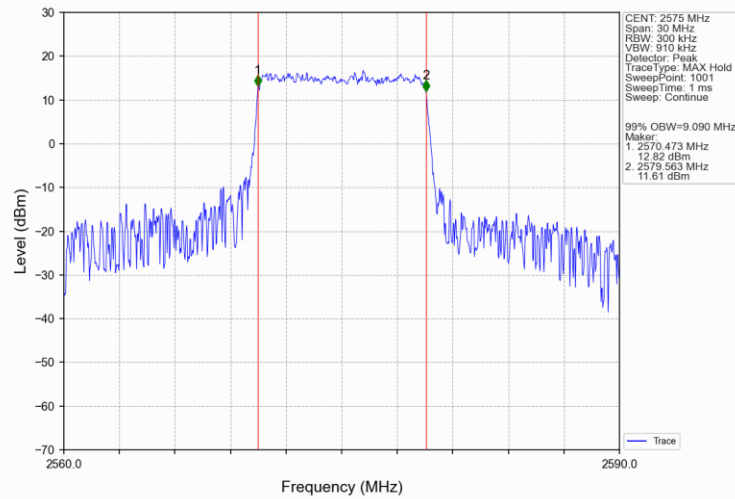
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



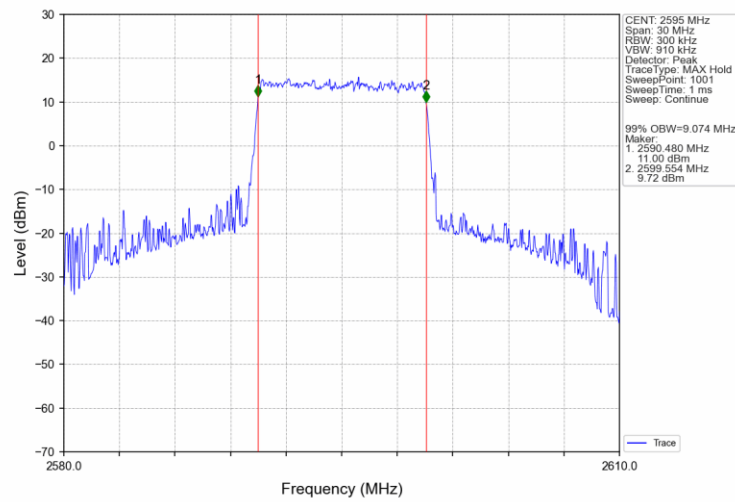
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



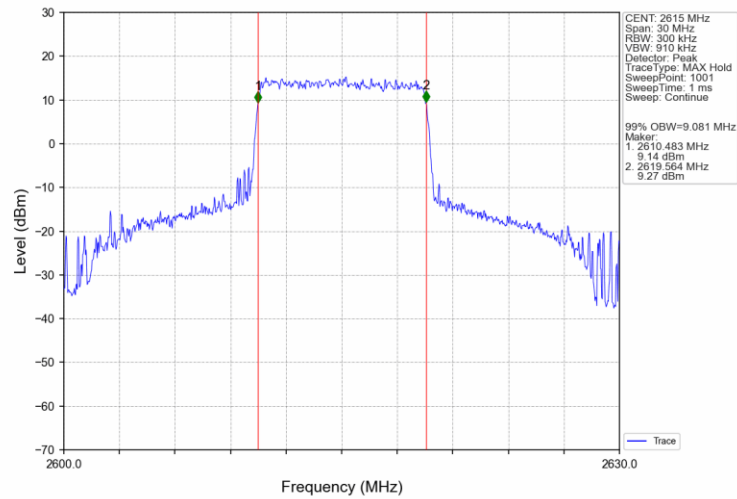
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



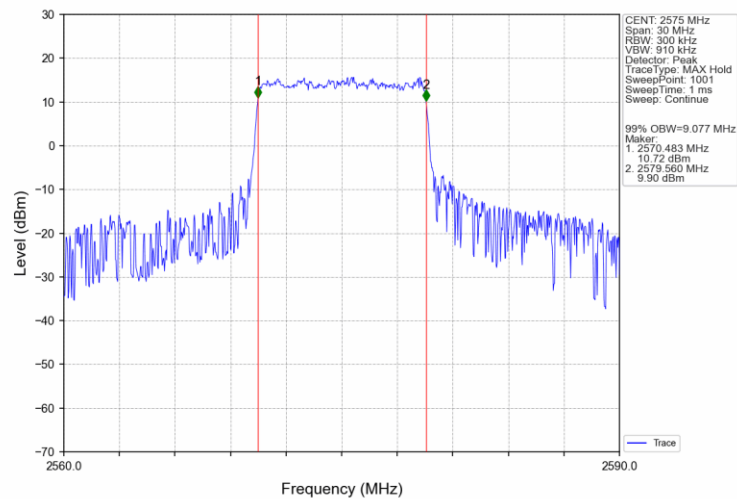
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



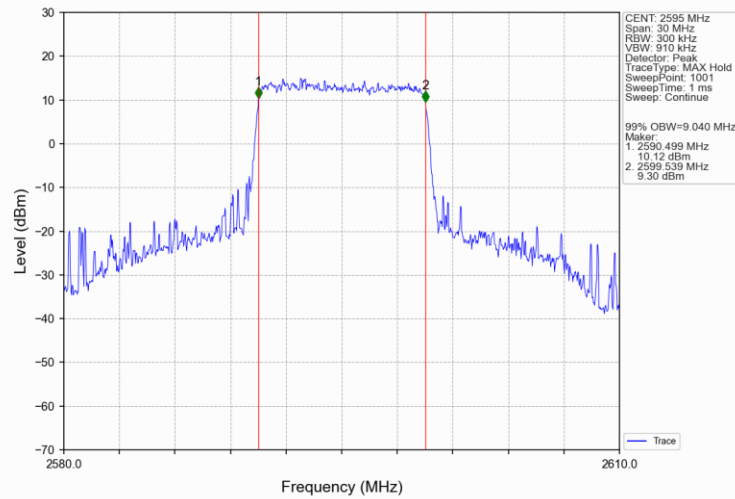
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



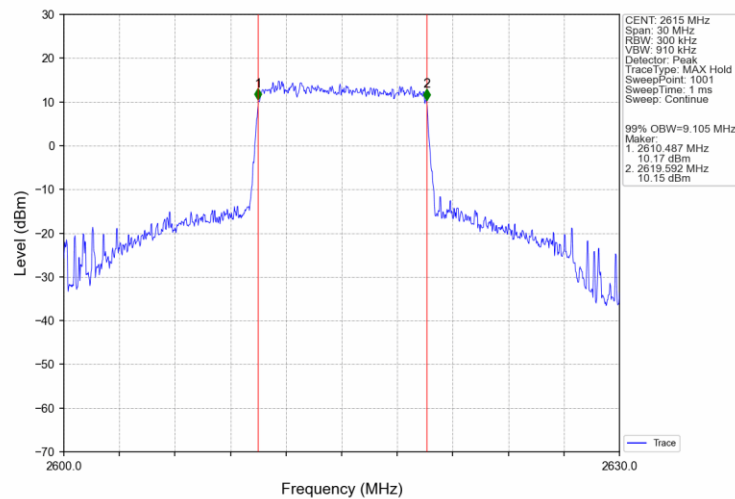
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



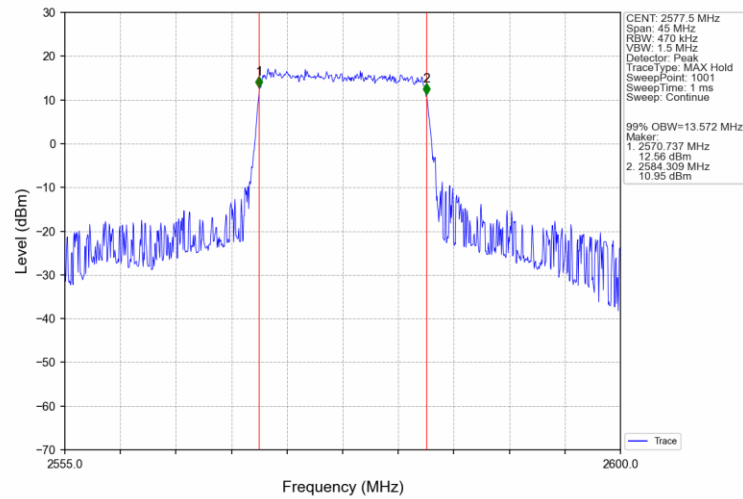
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



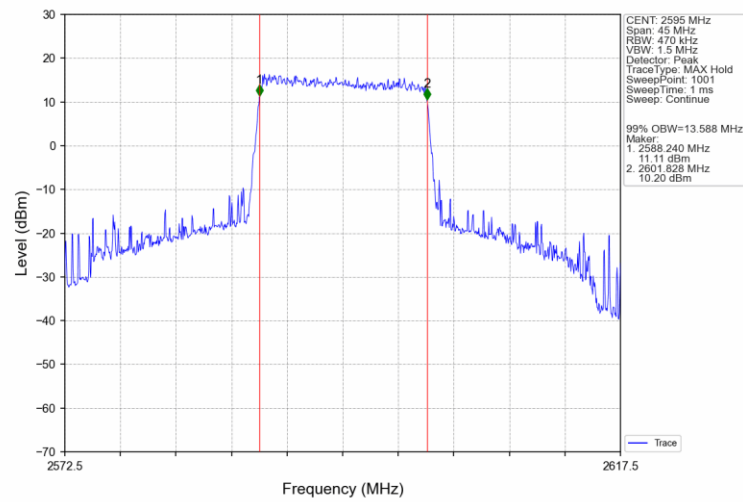
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



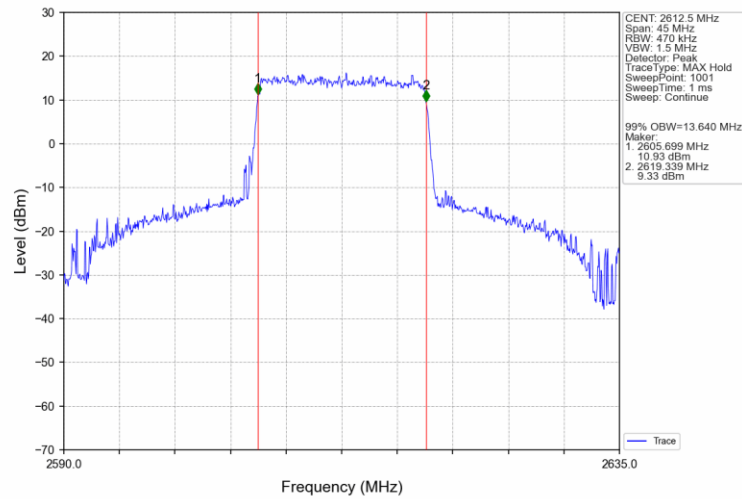
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



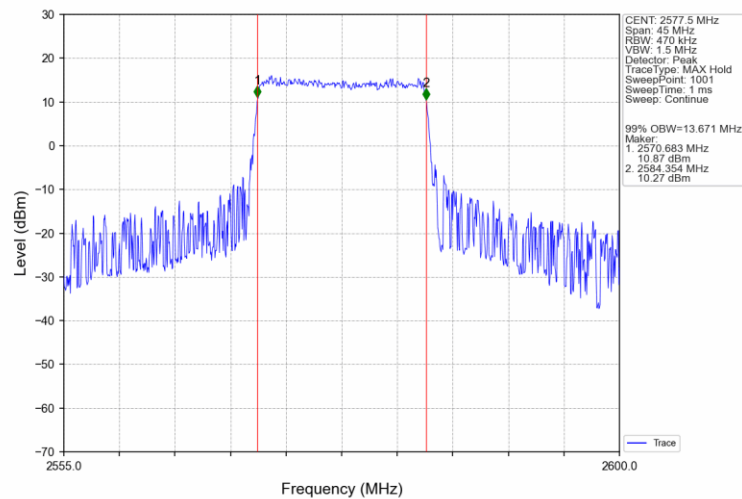
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



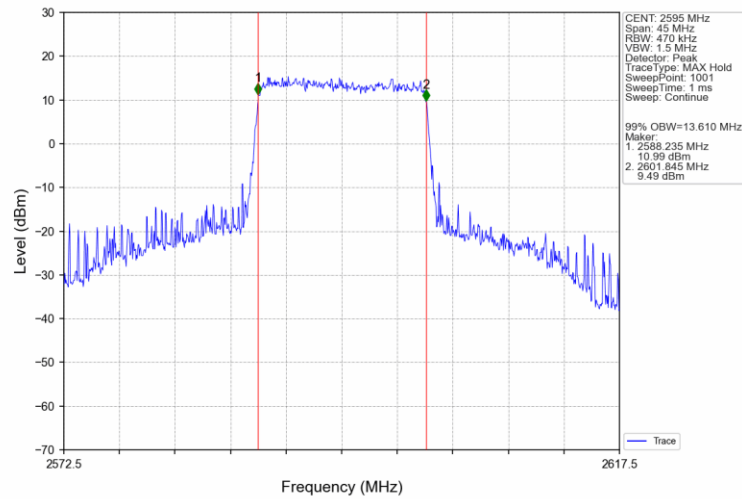
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



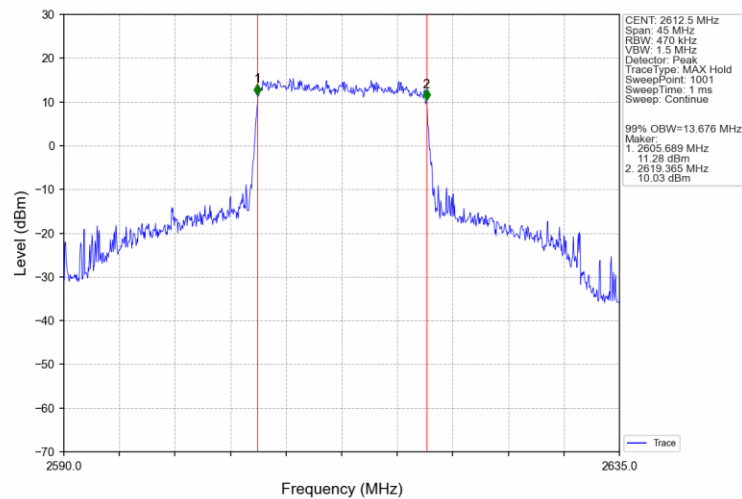
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



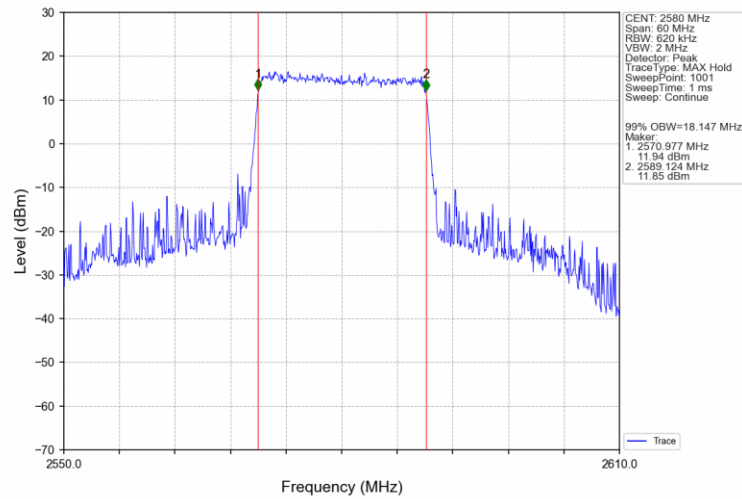
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



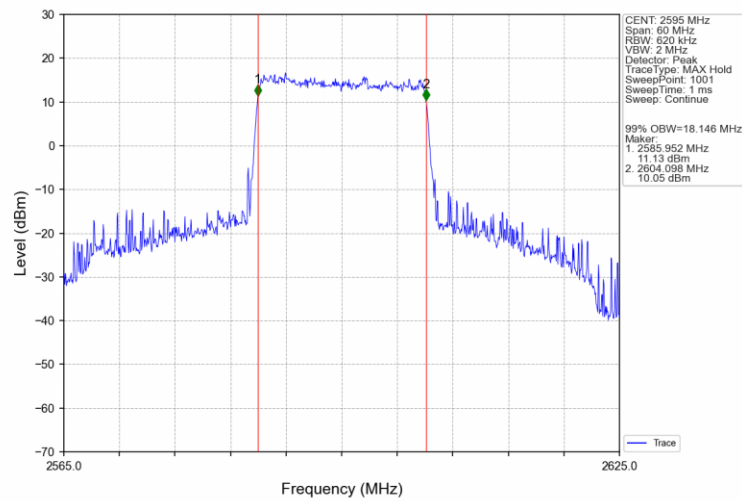
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



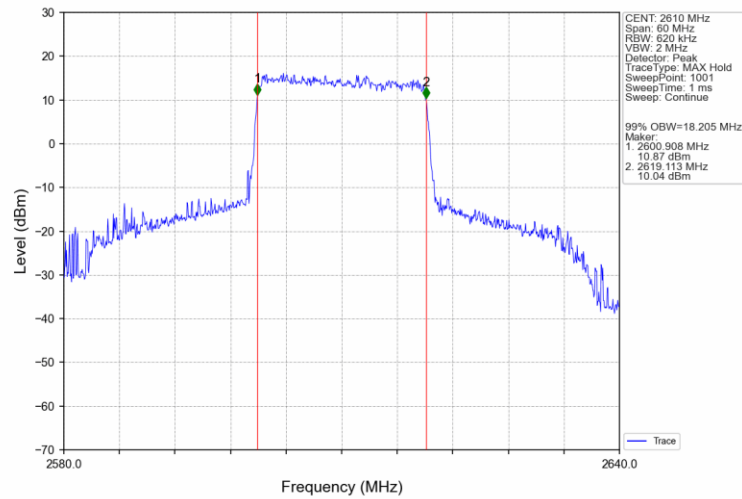
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



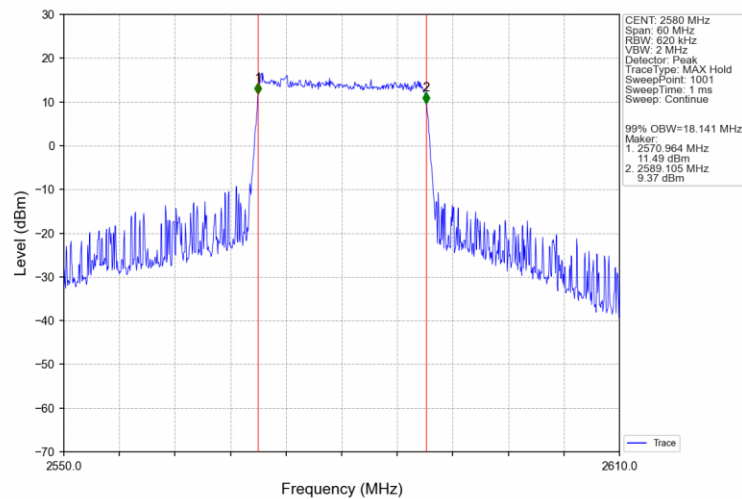
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



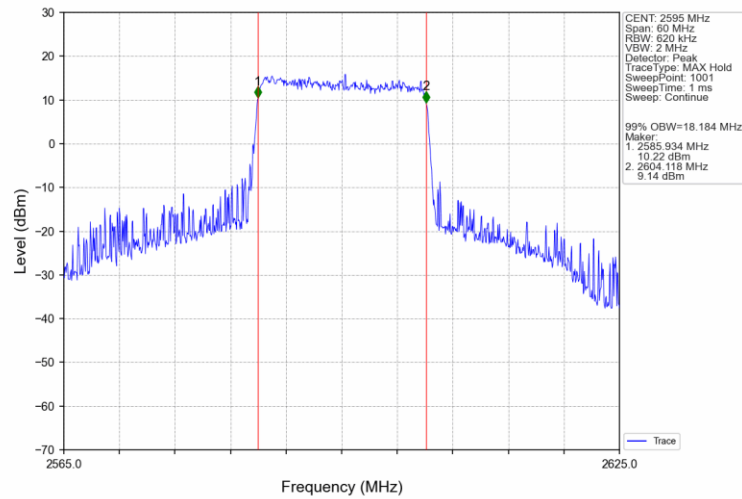
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



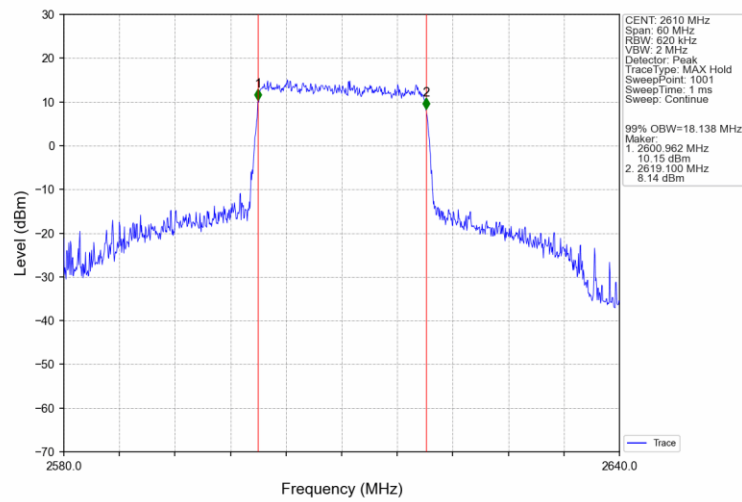
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV

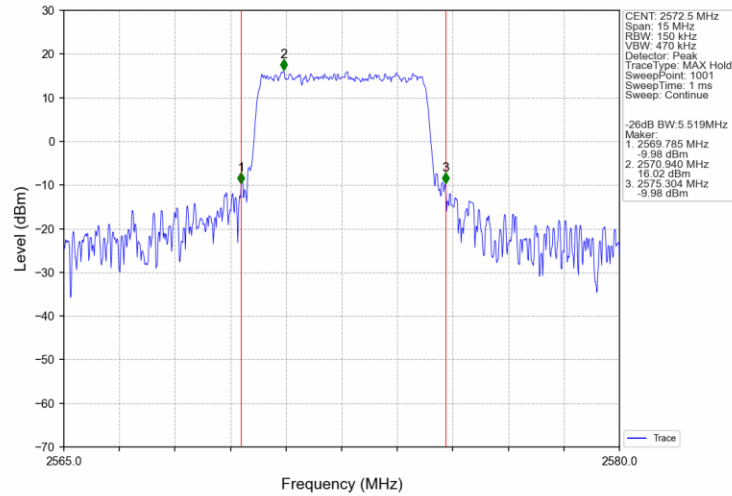


Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV

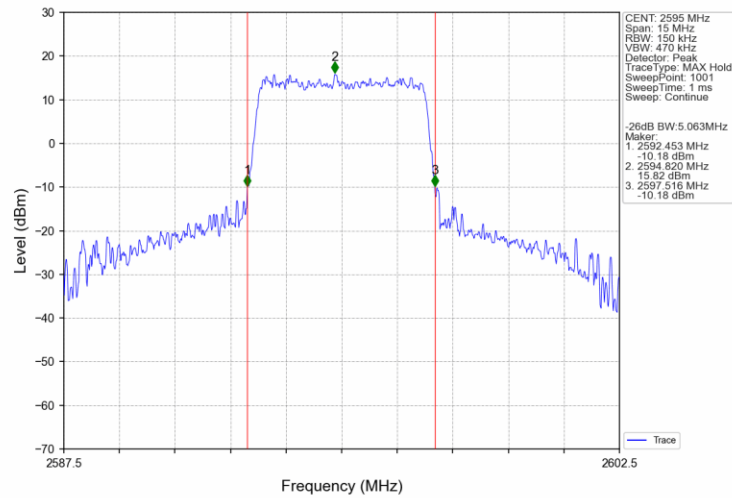


4.2.2 Band38_XDB

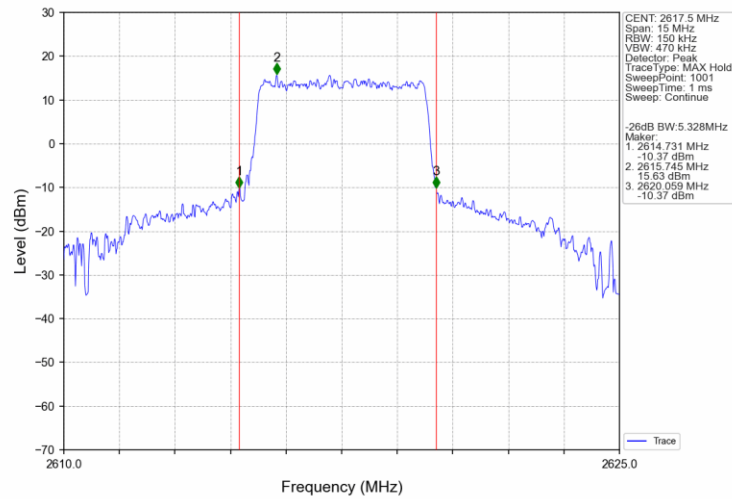
Band38 5MHz QPSK LCH 2572.5MHz RB 25 0 NTNV



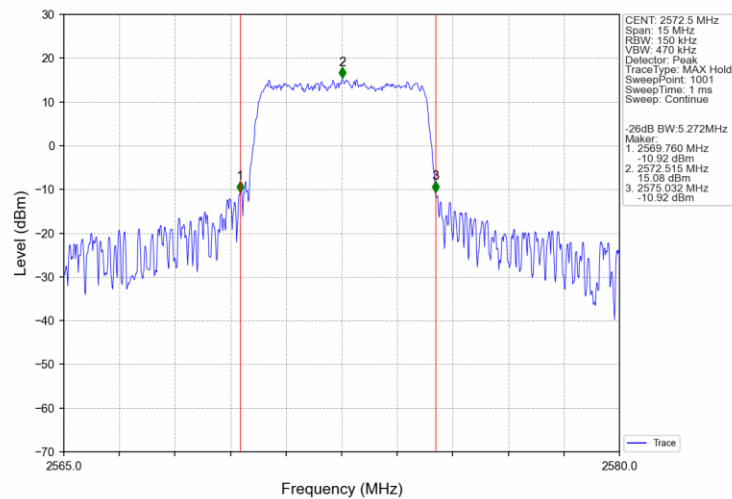
Band38 5MHz QPSK MCH 2595MHz RB 25 0 NTNV



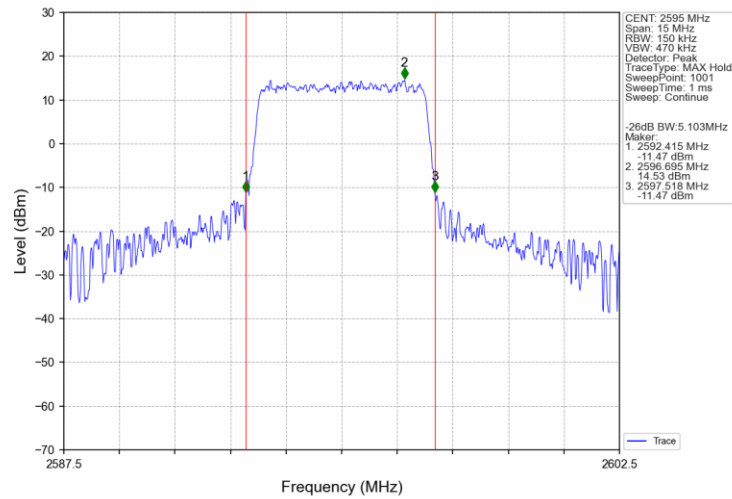
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



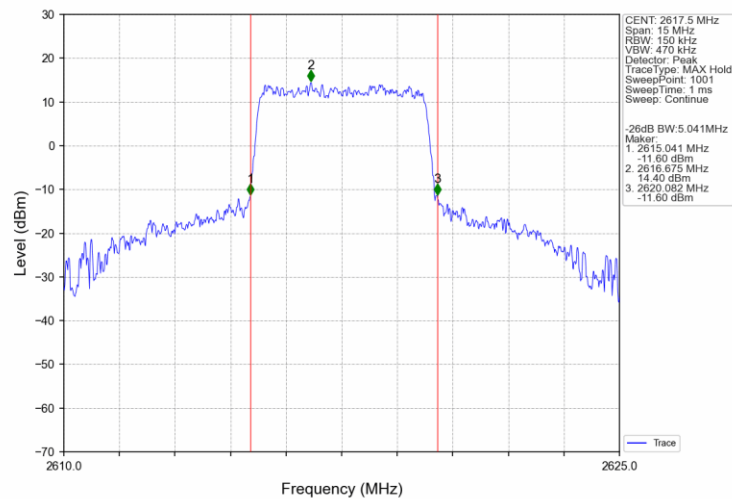
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



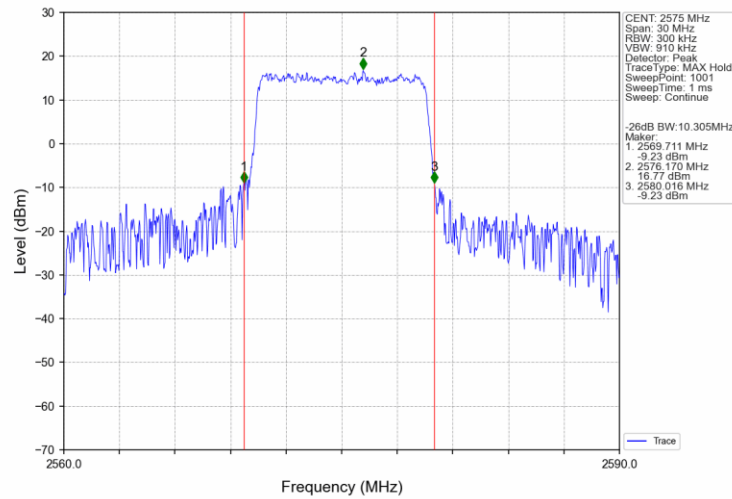
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



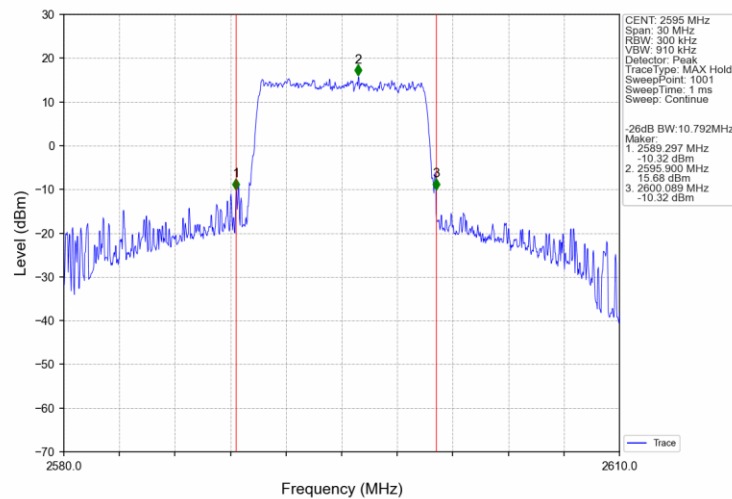
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



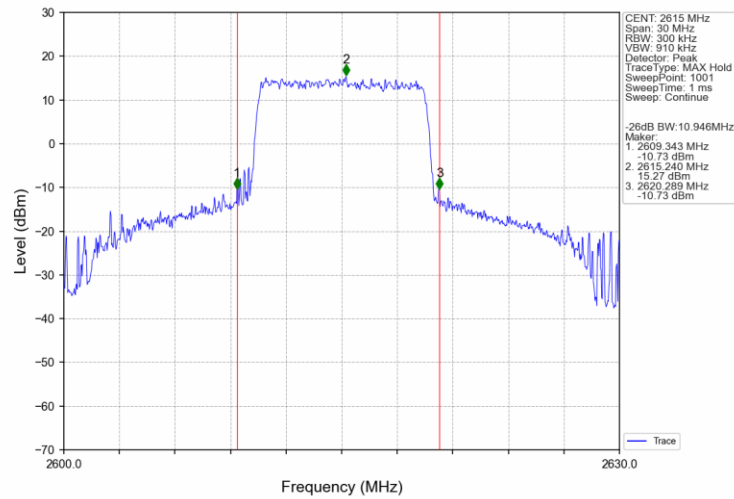
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



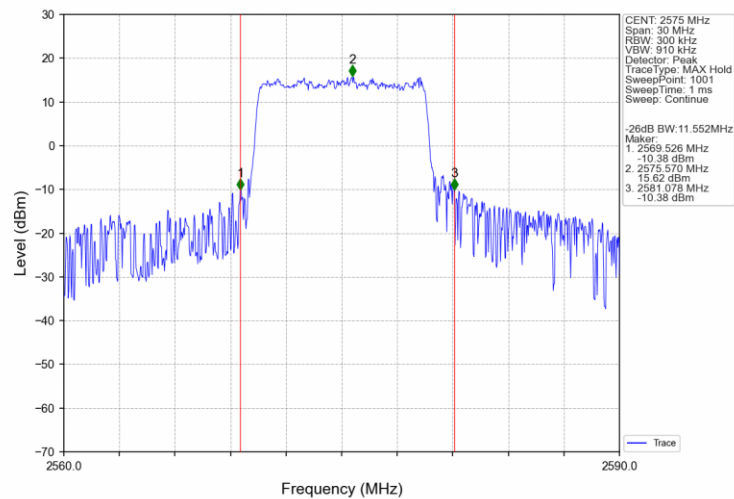
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



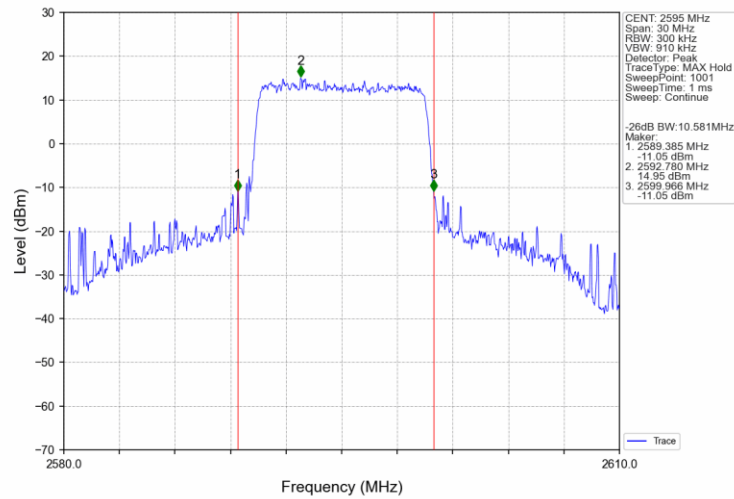
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



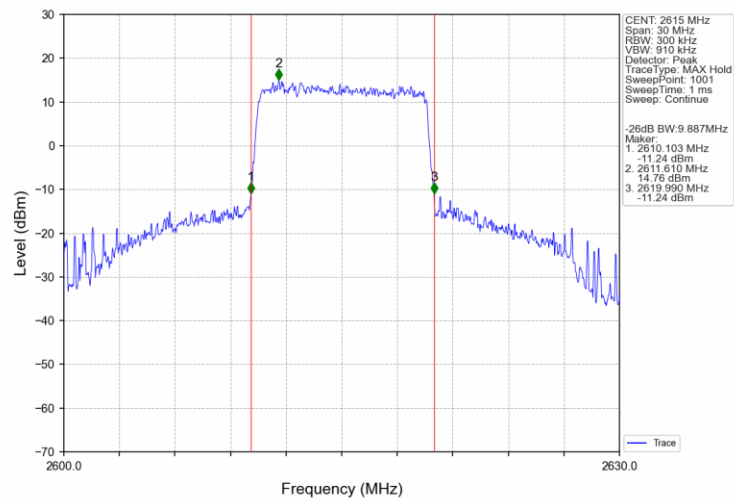
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



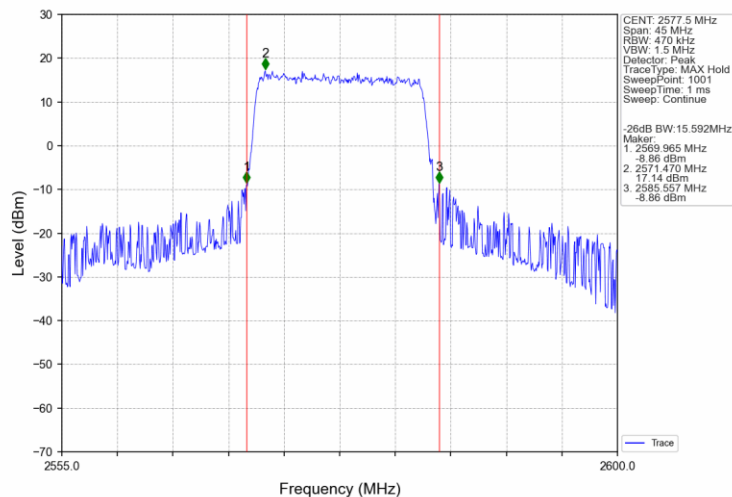
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



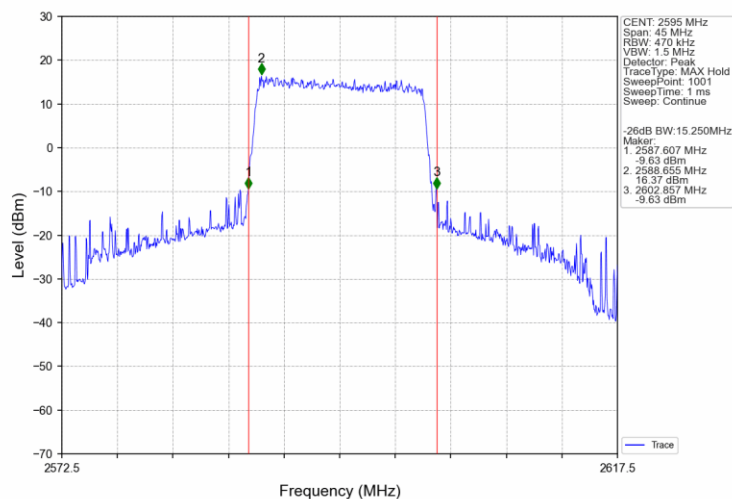
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



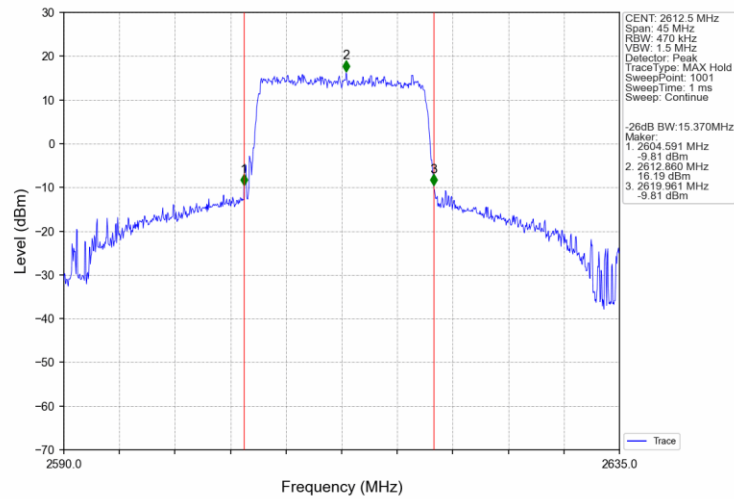
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



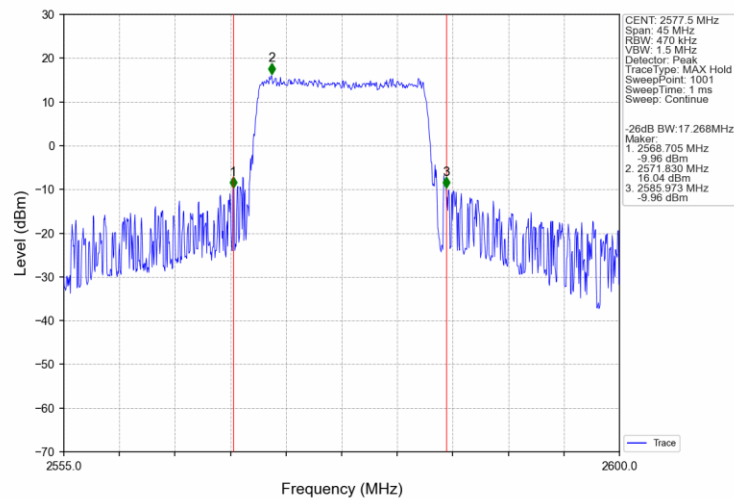
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



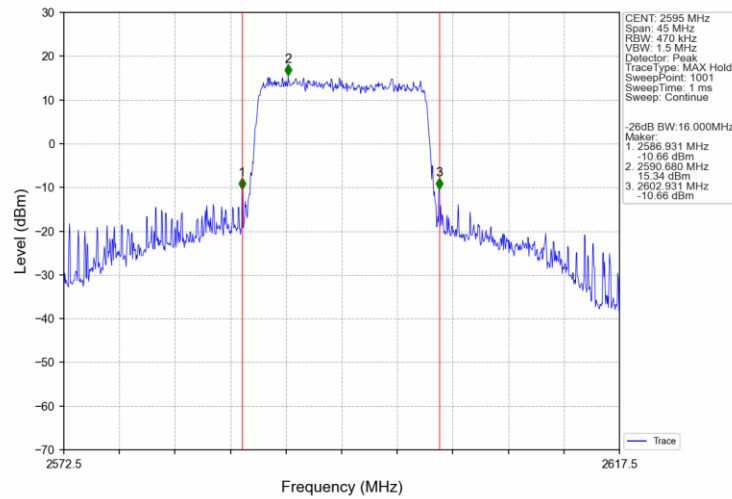
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



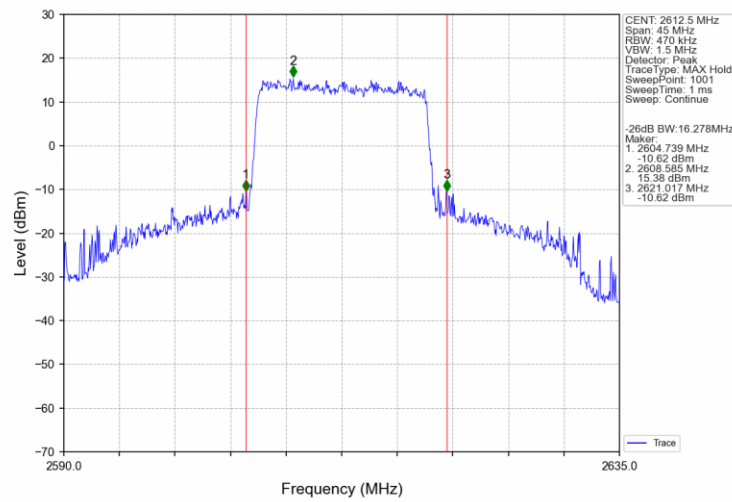
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



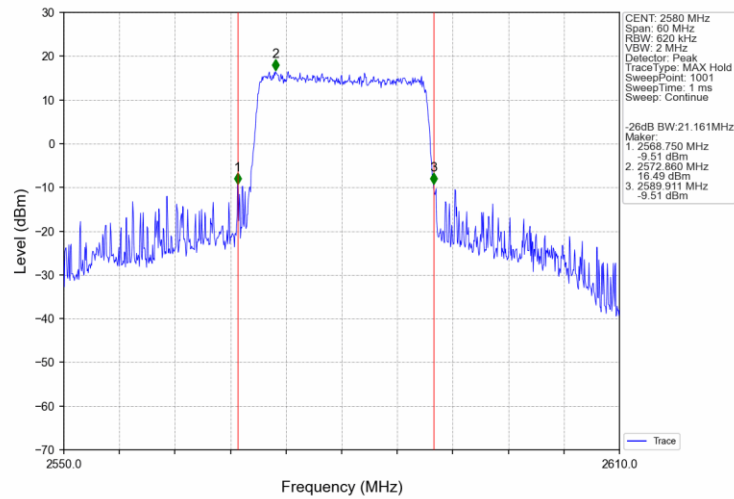
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



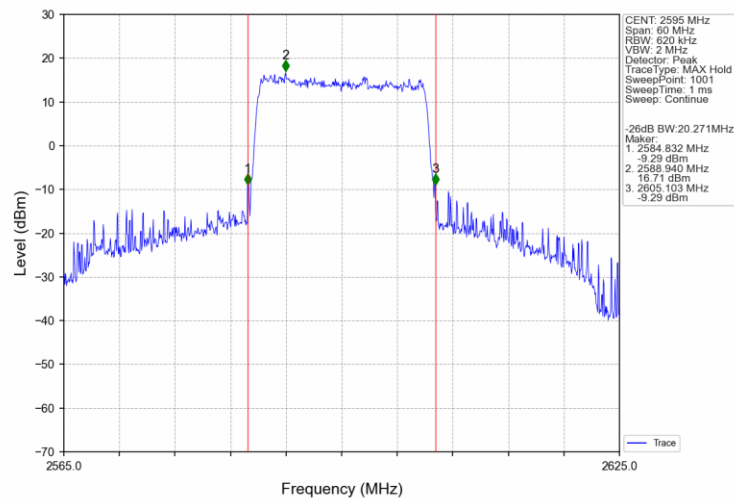
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



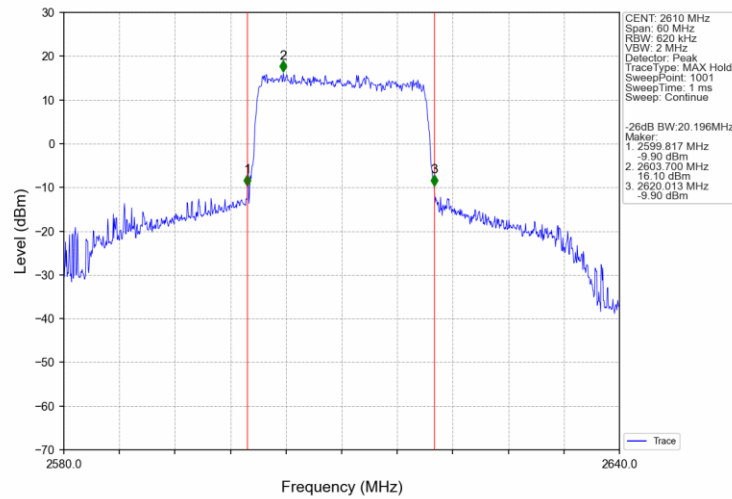
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



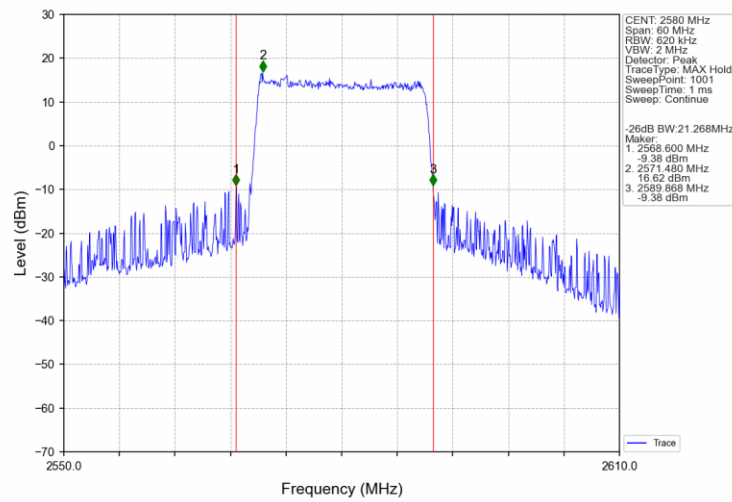
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



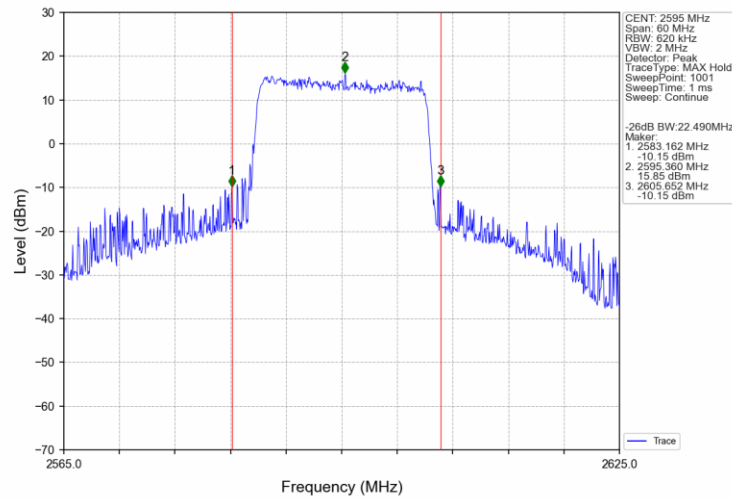
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



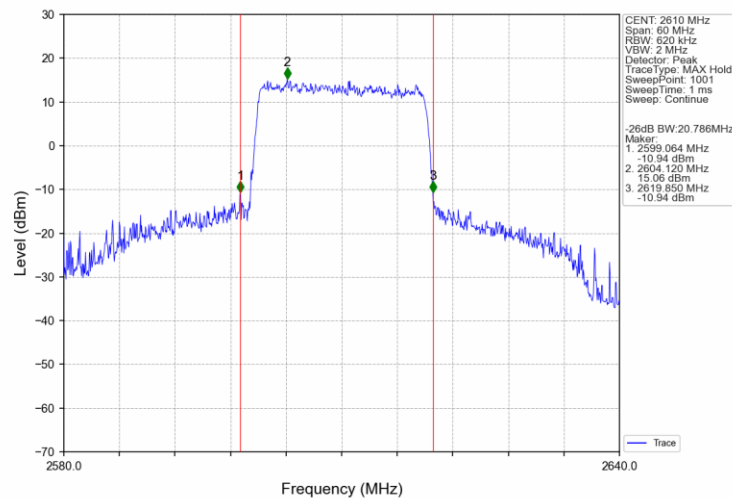
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2572.5	25	0	7.43	<=13	Pass
	2595	25	0	7.12	<=13	Pass
	2617.5	25	0	6.63	<=13	Pass
16QAM	2572.5	25	0	8.07	<=13	Pass
	2595	25	0	7.79	<=13	Pass
	2617.5	25	0	7.29	<=13	Pass

5.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	50	0	7.54	<=13	Pass
	2595	50	0	7.15	<=13	Pass
	2615	50	0	6.77	<=13	Pass
16QAM	2575	50	0	8.15	<=13	Pass
	2595	50	0	7.83	<=13	Pass
	2615	50	0	7.52	<=13	Pass

5.1.3 B38_15MHz

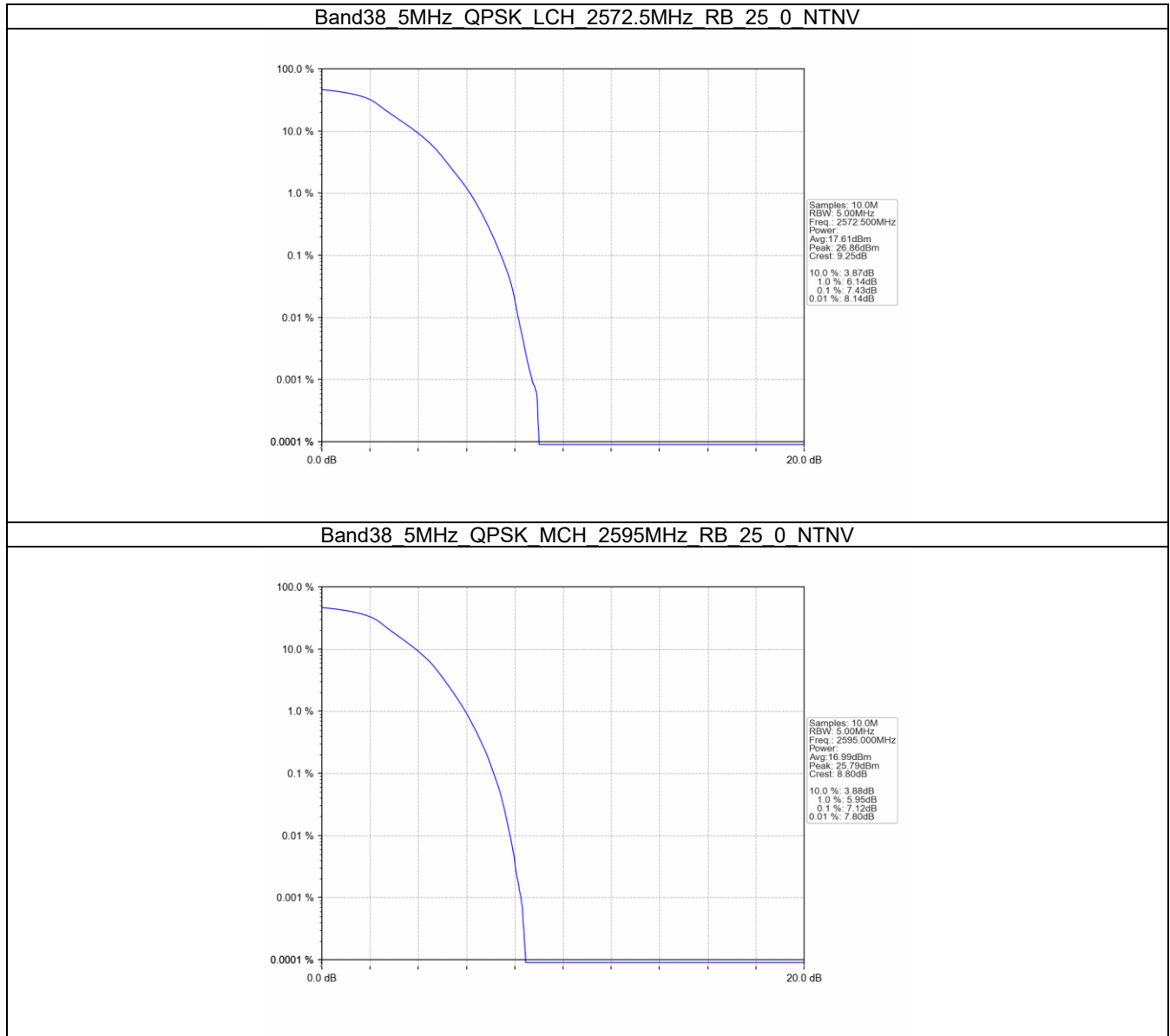
Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	75	0	7.37	<=13	Pass
	2595	75	0	7.26	<=13	Pass
	2612.5	75	0	7.14	<=13	Pass
16QAM	2577.5	75	0	8.07	<=13	Pass
	2595	75	0	7.98	<=13	Pass
	2612.5	75	0	7.62	<=13	Pass

5.1.4 B38_20MHz

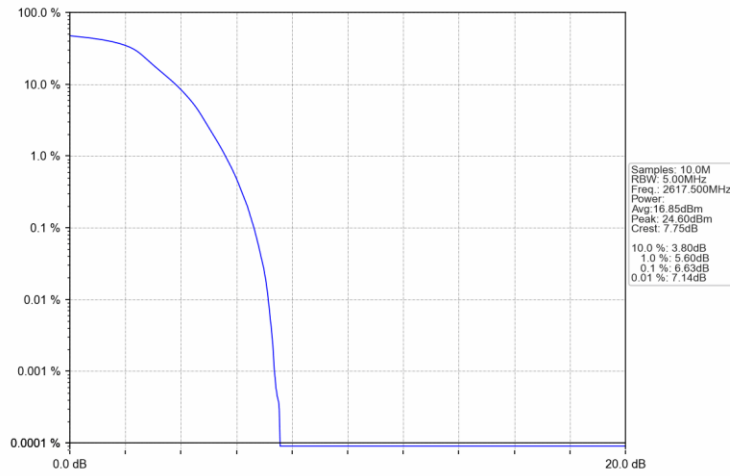
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	100	0	7.69	<=13	Pass
	2595	100	0	7.76	<=13	Pass
	2610	100	0	7.73	<=13	Pass
16QAM	2580	100	0	8.41	<=13	Pass
	2595	100	0	8.39	<=13	Pass
	2610	100	0	8.53	<=13	Pass

5.2 Test Graph

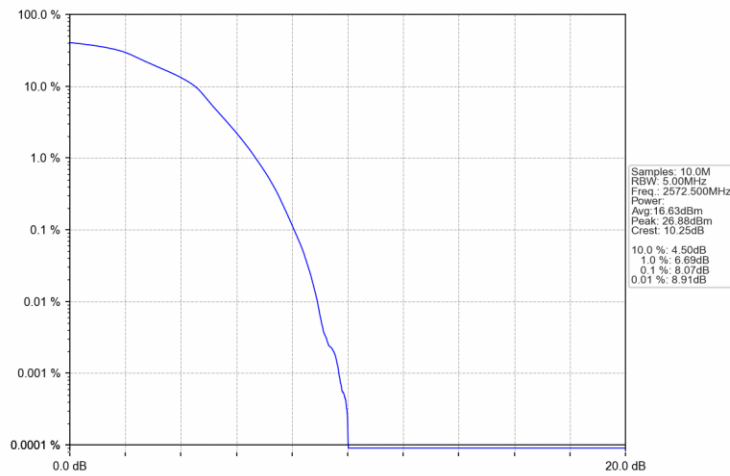
5.2.1 B38_5MHz



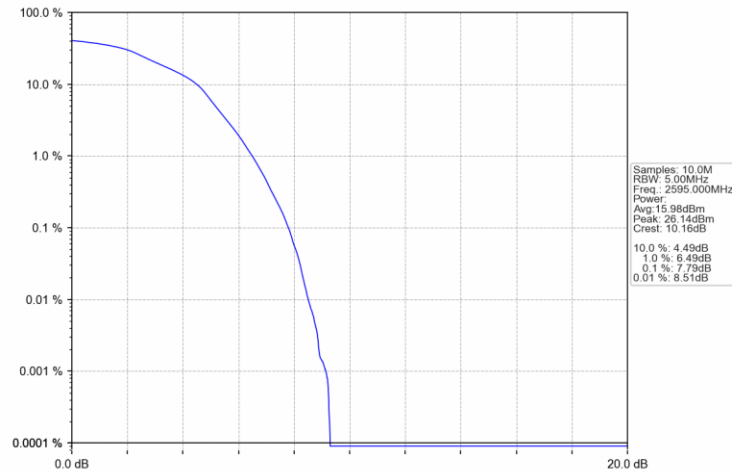
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



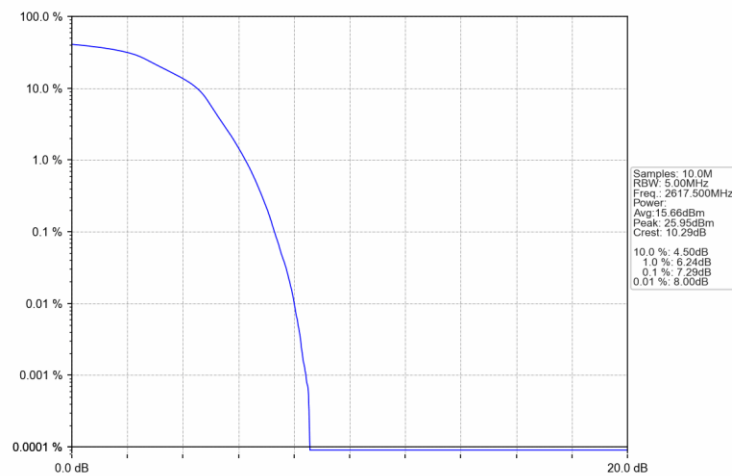
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV

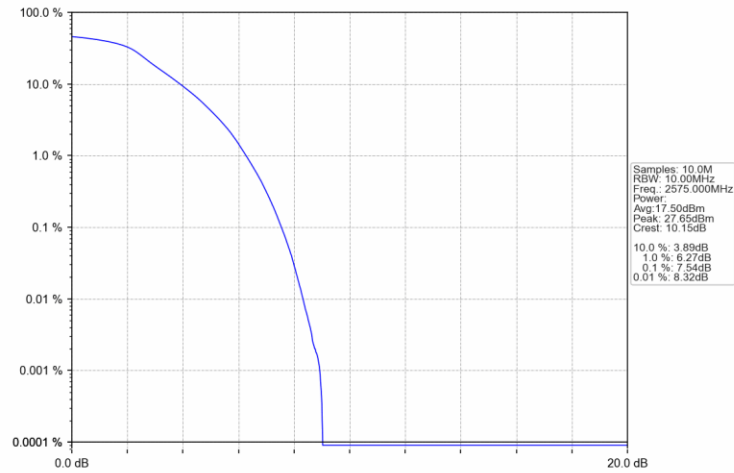


Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV

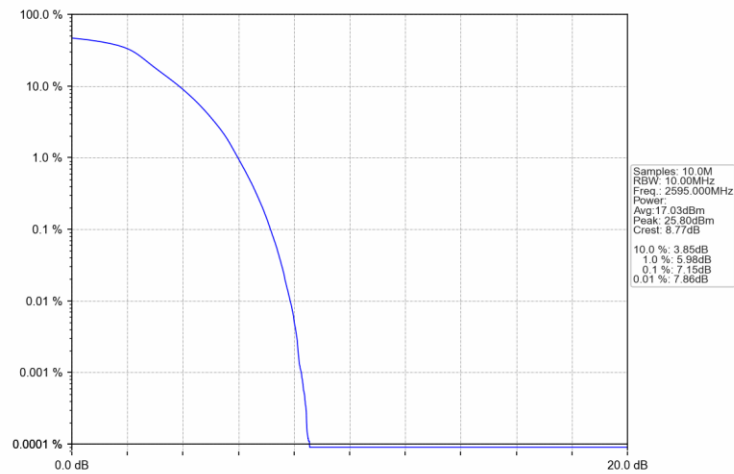


5.2.2 B38_10MHz

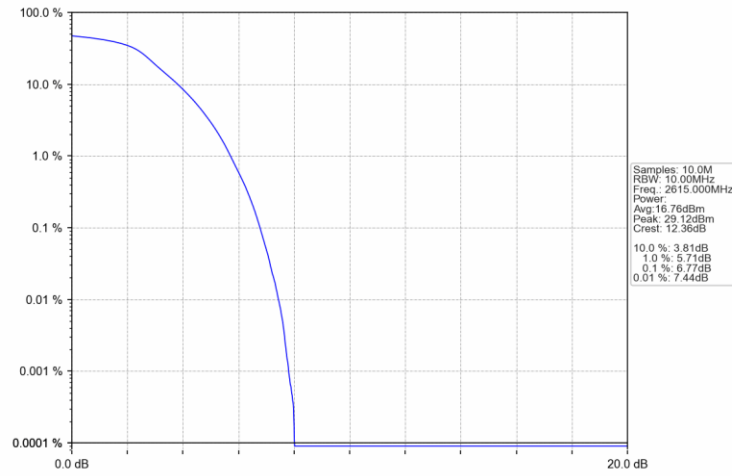
Band38 10MHz QPSK LCH 2575MHz RB 50 0 NTV



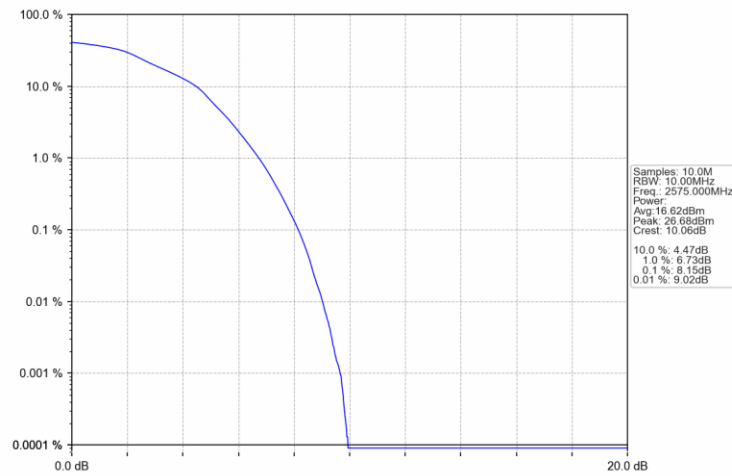
Band38 10MHz QPSK MCH 2595MHz RB 50 0 NTV



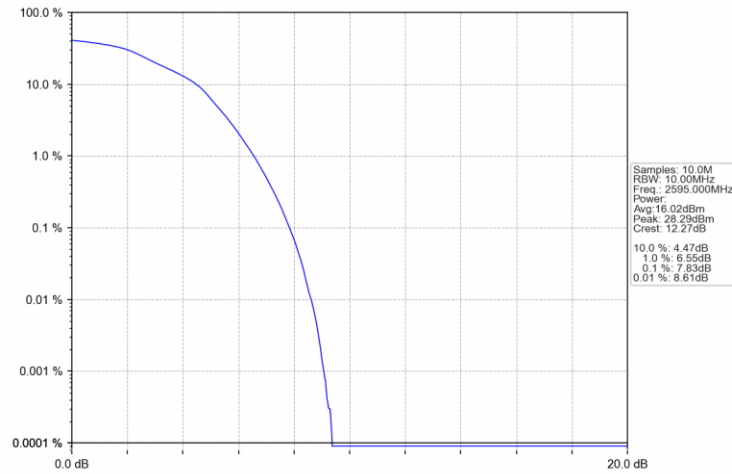
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



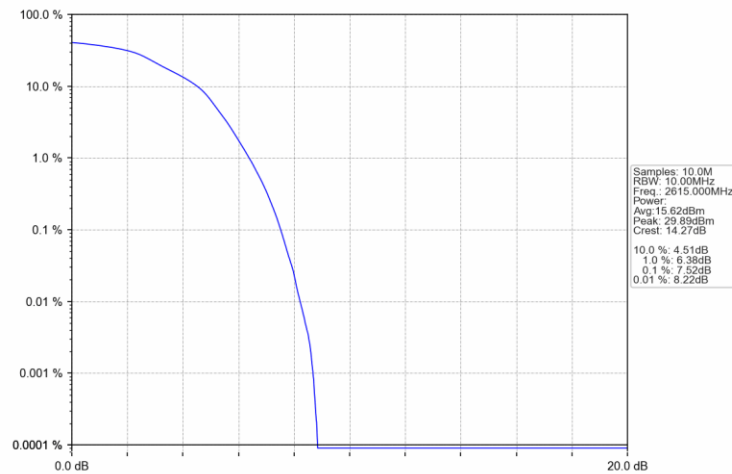
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV

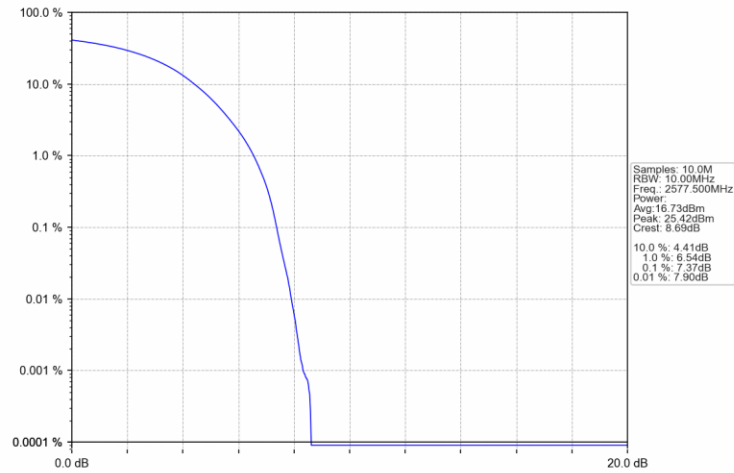


Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV

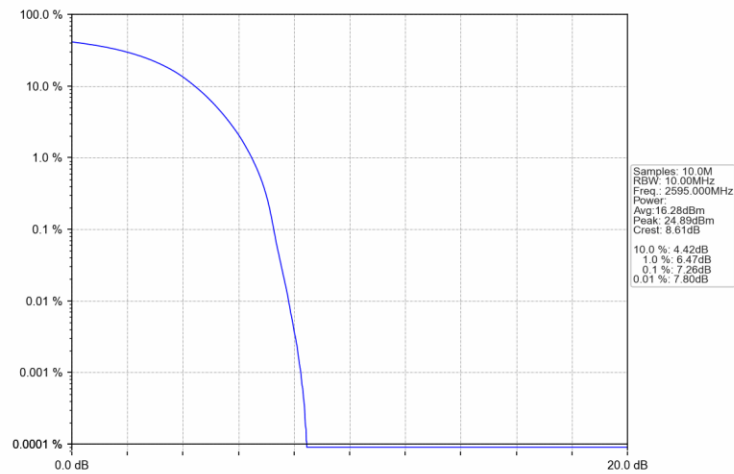


5.2.3 B38_15MHz

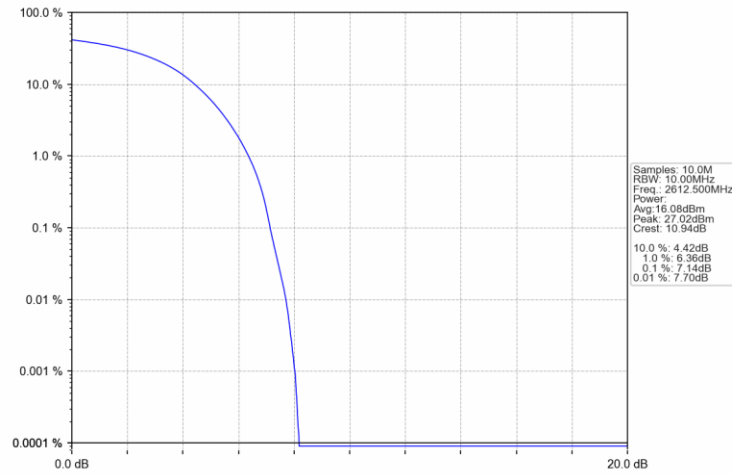
Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV



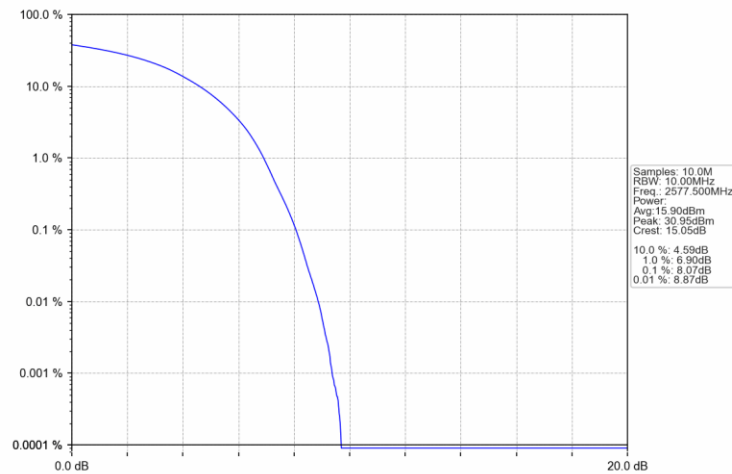
Band38 15MHz QPSK MCH 2595MHz RB 75 0 NTNV



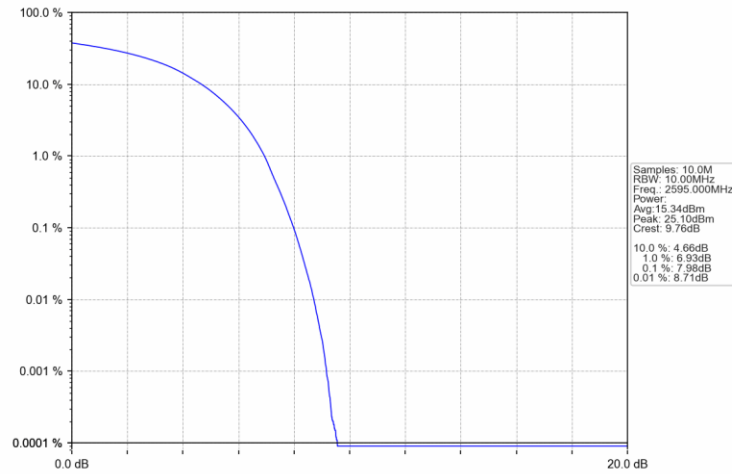
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



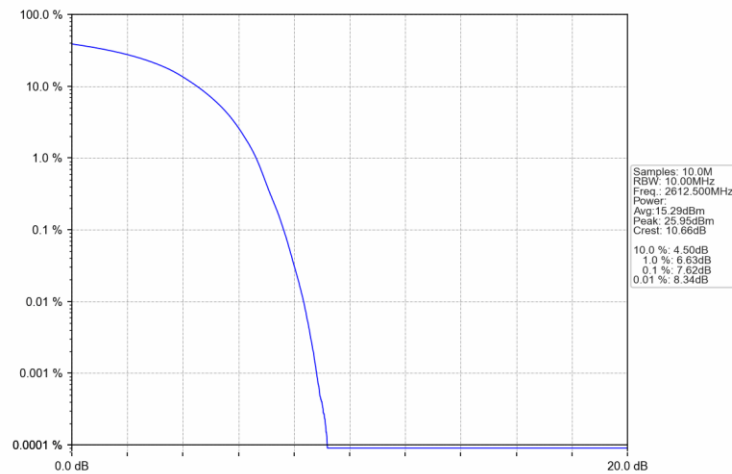
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV

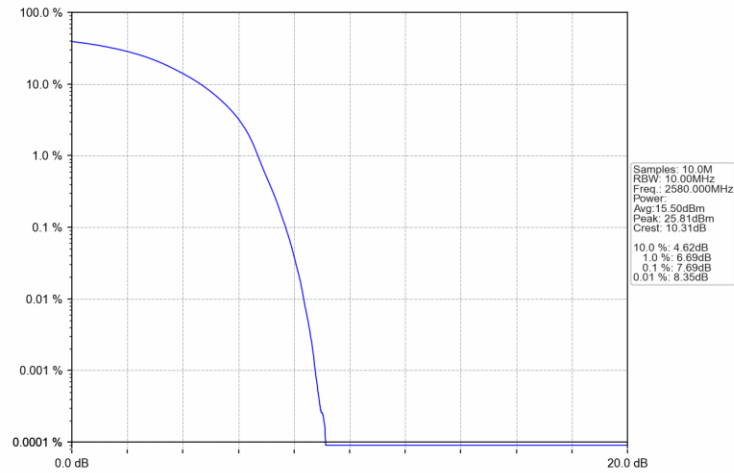


Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV

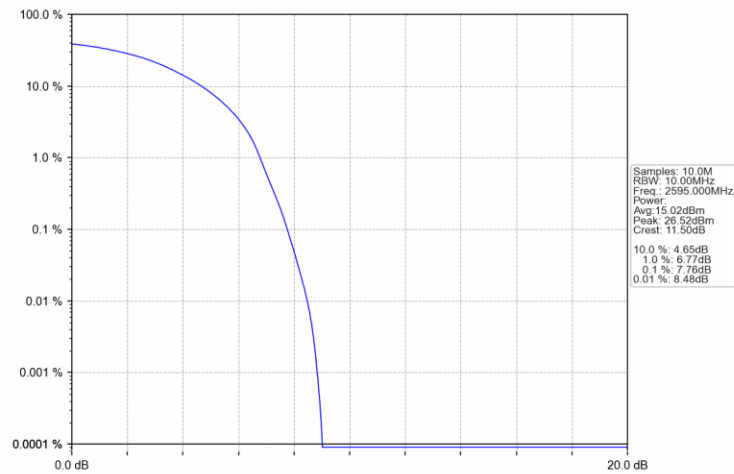


5.2.4 B38_20MHz

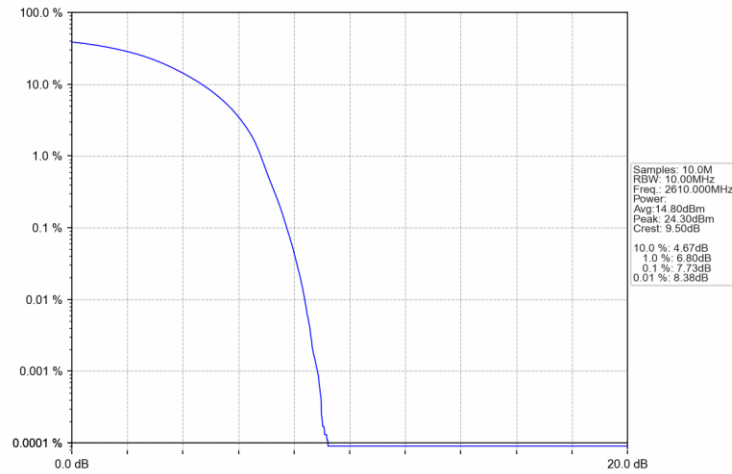
Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTN



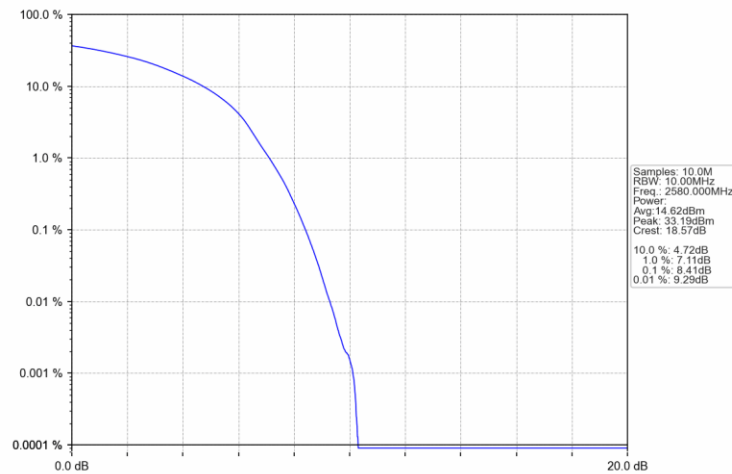
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTN



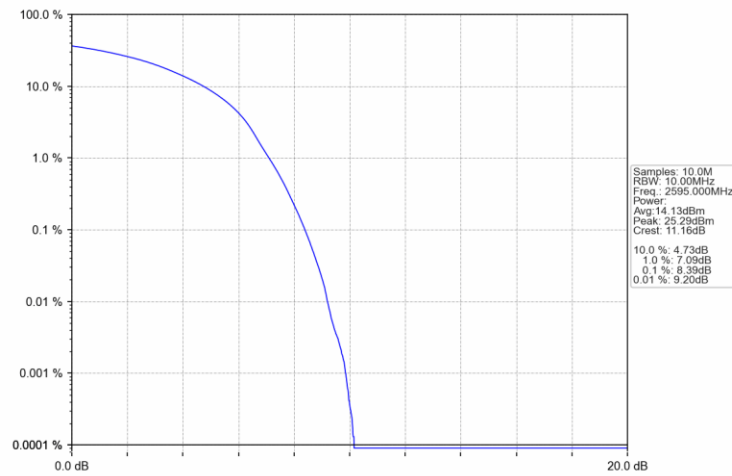
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



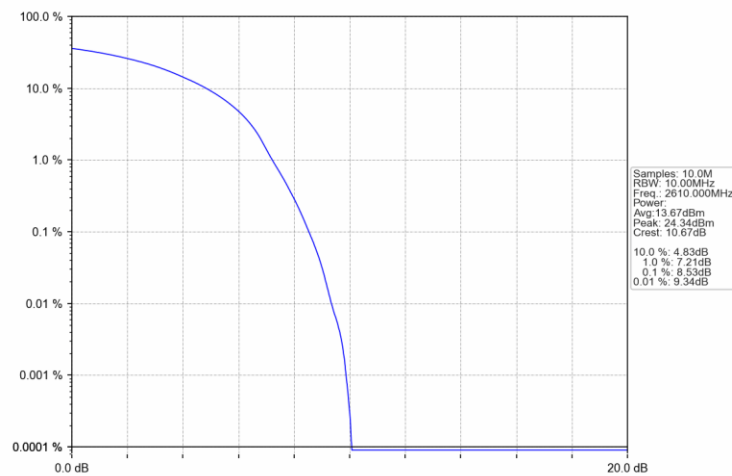
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz / NTV					
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
	2617.5	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	2572.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2617.5	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 B38_10MHz

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

6.1.3 B38_15MHz

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

6.1.4 B38_20MHz

Band: 38 / Bandwidth: 20MHz / NTNV						
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