1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B7_5MHz_EIRP

Band: 7 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	22.57	1.34	23.91	<=33.01	Pass
			13	22.20	1.34	23.54	<=33.01	Pass
			24	22.08	1.34	23.42	<=33.01	Pass
		12	0	21.07	1.34	22.41	<=33.01	Pass
			6	21.14	1.34	22.48	<=33.01	Pass
			13	21.08	1.34	22.42	<=33.01	Pass
		25	0	21.06	1.34	22.40	<=33.01	Pass
	2535	1	0	21.87	1.34	23.21	<=33.01	Pass
			13	21.99	1.34	23.33	<=33.01	Pass
			24	21.90	1.34	23.24	<=33.01	Pass
		12	0	20.89	1.34	22.23	<=33.01	Pass
			6	20.96	1.34	22.30	<=33.01	Pass
			13	20.86	1.34	22.20	<=33.01	Pass
		25	0	20.88	1.34	22.22	<=33.01	Pass
	2567.5	1	0	21.59	1.34	22.93	<=33.01	Pass
			13	21.70	1.34	23.04	<=33.01	Pass
			24	21.57	1.34	22.91	<=33.01	Pass
		12	0	20.65	1.34	21.99	<=33.01	Pass
			6	20.66	1.34	22.00	<=33.01	Pass
			13	20.58	1.34	21.92	<=33.01	Pass
		25	0	20.57	1.34	21.91	<=33.01	Pass
16QAM	2502.5	1	0	21.08	1.34	22.42	<=33.01	Pass
			13	21.19	1.34	22.53	<=33.01	Pass
			24	21.13	1.34	22.47	<=33.01	Pass
		12	0	19.97	1.34	21.31	<=33.01	Pass
			6	20.09	1.34	21.43	<=33.01	Pass
			13	20.01	1.34	21.35	<=33.01	Pass
		25	0	20.08	1.34	21.42	<=33.01	Pass
	2535	1	0	21.04	1.34	22.38	<=33.01	Pass
			13	21.17	1.34	22.51	<=33.01	Pass
			24	21.04	1.34	22.38	<=33.01	Pass
		12	0	19.89	1.34	21.23	<=33.01	Pass
			6	19.93	1.34	21.27	<=33.01	Pass
			13	19.82	1.34	21.16	<=33.01	Pass
		25	0	19.83	1.34	21.17	<=33.01	Pass
	2567.5	1	0	20.33	1.34	21.67	<=33.01	Pass
			13	20.46	1.34	21.80	<=33.01	Pass
			24	20.34	1.34	21.68	<=33.01	Pass
		12	0	19.55	1.34	20.89	<=33.01	Pass
			6	19.56	1.34	20.90	<=33.01	Pass
			13	19.45	1.34	20.79	<=33.01	Pass
		25	0	19.55	1.34	20.89	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	22.04	1.34	23.38	<=33.01	Pass
			25	22.31	1.34	23.65	<=33.01	Pass
			49	22.10	1.34	23.44	<=33.01	Pass
		25	0	21.10	1.34	22.44	<=33.01	Pass
			13	21.17	1.34	22.51	<=33.01	Pass
			25	21.17	1.34	22.51	<=33.01	Pass
		50	0	21.12	1.34	22.46	<=33.01	Pass
	2535	1	0	21.97	1.34	23.31	<=33.01	Pass
			25	22.20	1.34	23.54	<=33.01	Pass
			49	21.90	1.34	23.24	<=33.01	Pass
		25	0	21.02	1.34	22.36	<=33.01	Pass
			13	20.97	1.34	22.31	<=33.01	Pass
			25	20.95	1.34	22.29	<=33.01	Pass
		50	0	21.00	1.34	22.34	<=33.01	Pass
	2565	1	0	21.71	1.34	23.05	<=33.01	Pass
			25	21.93	1.34	23.27	<=33.01	Pass
			49	21.69	1.34	23.03	<=33.01	Pass
		25	0	20.74	1.34	22.08	<=33.01	Pass
			13	20.69	1.34	22.03	<=33.01	Pass
			25	20.59	1.34	21.93	<=33.01	Pass
		50	0	20.64	1.34	21.98	<=33.01	Pass
16QAM	2505	1	0	21.16	1.34	22.50	<=33.01	Pass
			25	21.45	1.34	22.79	<=33.01	Pass
			49	21.21	1.34	22.55	<=33.01	Pass
		25	0	20.07	1.34	21.41	<=33.01	Pass
			13	20.16	1.34	21.50	<=33.01	Pass
			25	20.15	1.34	21.49	<=33.01	Pass
		50	0	20.12	1.34	21.46	<=33.01	Pass
	2535	1	0	21.33	1.34	22.67	<=33.01	Pass
			25	21.55	1.34	22.89	<=33.01	Pass
			49	21.37	1.34	22.71	<=33.01	Pass
		25	0	20.02	1.34	21.36	<=33.01	Pass
			13	20.01	1.34	21.35	<=33.01	Pass
			25	19.97	1.34	21.31	<=33.01	Pass
		50	0	19.96	1.34	21.30	<=33.01	Pass
	2565	1	0	20.57	1.34	21.91	<=33.01	Pass
			25	20.78	1.34	22.12	<=33.01	Pass
			49	20.54	1.34	21.88	<=33.01	Pass
		25	0	19.72	1.34	21.06	<=33.01	Pass
			13	19.67	1.34	21.01	<=33.01	Pass
			25	19.60	1.34	20.94	<=33.01	Pass
		50	0	19.61	1.34	20.95	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	21.88	1.34	23.22	<=33.01	Pass
			38	22.13	1.34	23.47	<=33.01	Pass
			74	21.88	1.34	23.22	<=33.01	Pass
		36	0	21.11	1.34	22.45	<=33.01	Pass
			18	21.15	1.34	22.49	<=33.01	Pass
			39	21.15	1.34	22.49	<=33.01	Pass
		75	0	21.14	1.34	22.48	<=33.01	Pass
	2535	1	0	21.84	1.34	23.18	<=33.01	Pass
			38	21.97	1.34	23.31	<=33.01	Pass
			74	21.72	1.34	23.06	<=33.01	Pass
		36	0	21.08	1.34	22.42	<=33.01	Pass
			18	21.04	1.34	22.38	<=33.01	Pass
			39	20.97	1.34	22.31	<=33.01	Pass
		75	0	21.02	1.34	22.36	<=33.01	Pass
	2562.5	1	0	21.58	1.34	22.92	<=33.01	Pass
			38	21.78	1.34	23.12	<=33.01	Pass
			74	21.51	1.34	22.85	<=33.01	Pass
		36	0	20.81	1.34	22.15	<=33.01	Pass
			18	20.79	1.34	22.13	<=33.01	Pass
			39	20.68	1.34	22.02	<=33.01	Pass
		75	0	20.74	1.34	22.08	<=33.01	Pass
16QAM	2507.5	1	0	20.97	1.34	22.31	<=33.01	Pass
			38	21.26	1.34	22.60	<=33.01	Pass
			74	20.99	1.34	22.33	<=33.01	Pass
		36	0	20.03	1.34	21.37	<=33.01	Pass
			18	20.08	1.34	21.42	<=33.01	Pass
			39	20.10	1.34	21.44	<=33.01	Pass
		75	0	20.10	1.34	21.44	<=33.01	Pass
	2535	1	0	21.20	1.34	22.54	<=33.01	Pass
			38	21.36	1.34	22.70	<=33.01	Pass
			74	21.18	1.34	22.52	<=33.01	Pass
		36	0	19.96	1.34	21.30	<=33.01	Pass
			18	19.97	1.34	21.31	<=33.01	Pass
			39	19.92	1.34	21.26	<=33.01	Pass
		75	0	19.97	1.34	21.31	<=33.01	Pass
	2562.5	1	0	20.76	1.34	22.10	<=33.01	Pass
			38	20.89	1.34	22.23	<=33.01	Pass
			74	20.67	1.34	22.01	<=33.01	Pass
		36	0	19.68	1.34	21.02	<=33.01	Pass
			18	19.65	1.34	20.99	<=33.01	Pass
			39	19.53	1.34	20.87	<=33.01	Pass
		75	0	19.64	1.34	20.98	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	21.72	1.34	23.06	<=33.01	Pass
			50	22.25	1.34	23.59	<=33.01	Pass
			99	21.72	1.34	23.06	<=33.01	Pass
		50	0	21.00	1.34	22.34	<=33.01	Pass
			25	21.03	1.34	22.37	<=33.01	Pass
			50	21.08	1.34	22.42	<=33.01	Pass
		100	0	21.00	1.34	22.34	<=33.01	Pass
	2535	1	0	21.69	1.34	23.03	<=33.01	Pass
			50	22.13	1.34	23.47	<=33.01	Pass
			99	21.57	1.34	22.91	<=33.01	Pass
		50	0	21.01	1.34	22.35	<=33.01	Pass
			25	20.95	1.34	22.29	<=33.01	Pass
			50	20.85	1.34	22.19	<=33.01	Pass
		100	0	20.97	1.34	22.31	<=33.01	Pass
	2560	1	0	21.44	1.34	22.78	<=33.01	Pass
			50	21.90	1.34	23.24	<=33.01	Pass
			99	21.38	1.34	22.72	<=33.01	Pass
		50	0	20.75	1.34	22.09	<=33.01	Pass
			25	20.65	1.34	21.99	<=33.01	Pass
			50	20.43	1.34	21.77	<=33.01	Pass
		100	0	20.63	1.34	21.97	<=33.01	Pass
16QAM	2510	1	0	21.11	1.34	22.45	<=33.01	Pass
			50	21.73	1.34	23.07	<=33.01	Pass
			99	21.17	1.34	22.51	<=33.01	Pass
		50	0	19.98	1.34	21.32	<=33.01	Pass
			25	20.03	1.34	21.37	<=33.01	Pass
			50	20.05	1.34	21.39	<=33.01	Pass
		100	0	20.03	1.34	21.37	<=33.01	Pass
	2535	1	0	20.72	1.34	22.06	<=33.01	Pass
			50	21.19	1.34	22.53	<=33.01	Pass
			99	20.69	1.34	22.03	<=33.01	Pass
		50	0	19.97	1.34	21.31	<=33.01	Pass
			25	19.88	1.34	21.22	<=33.01	Pass
			50	19.78	1.34	21.12	<=33.01	Pass
		100	0	19.93	1.34	21.27	<=33.01	Pass
	2560	1	0	20.62	1.34	21.96	<=33.01	Pass
			50	21.00	1.34	22.34	<=33.01	Pass
			99	20.53	1.34	21.87	<=33.01	Pass
		50	0	19.71	1.34	21.05	<=33.01	Pass
			25	19.61	1.34	20.95	<=33.01	Pass
			50	19.37	1.34	20.71	<=33.01	Pass
		100	0	19.60	1.34	20.94	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2502.5	25	0	20	3.27	1.245	0.0005	-2.5 to 2.5	Pass
					3.85	-7.539	-0.0030	-2.5 to 2.5	Pass
					4.43	-10.958	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	0.615	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-9.570	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-7.038	-0.0028	-2.5 to 2.5	Pass
				0	3.85	2.732	0.0011	-2.5 to 2.5	Pass
				10	3.85	-6.237	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-3.462	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-11.759	-0.0047	-2.5 to 2.5	Pass
				50	3.85	1.960	0.0008	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	8.411	0.0033	-2.5 to 2.5	Pass
					3.85	-3.862	-0.0015	-2.5 to 2.5	Pass
					4.43	-3.791	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-4.663	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-4.635	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-8.640	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-7.396	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-7.854	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-3.076	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-9.370	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-9.327	-0.0037	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	3.161	0.0012	-2.5 to 2.5	Pass
					3.85	-6.495	-0.0025	-2.5 to 2.5	Pass
					4.43	-8.540	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-1.688	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-10.958	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-2.317	-0.0009	-2.5 to 2.5	Pass
				0	3.85	7.281	0.0028	-2.5 to 2.5	Pass
				10	3.85	-2.661	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-7.911	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-5.507	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-3.705	-0.0014	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	-0.701	-0.0003	-2.5 to 2.5	Pass
					3.85	-1.359	-0.0005	-2.5 to 2.5	Pass
					4.43	-4.964	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-7.796	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-4.377	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-1.431	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-4.463	-0.0018	-2.5 to 2.5	Pass
				10	3.85	11.044	0.0044	-2.5 to 2.5	Pass
				30	3.85	-5.422	-0.0022	-2.5 to 2.5	Pass
				40	3.85	0.701	0.0003	-2.5 to 2.5	Pass
				50	3.85	-7.153	-0.0029	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-4.950	-0.0020	-2.5 to 2.5	Pass
					3.85	-6.423	-0.0025	-2.5 to 2.5	Pass
					4.43	-1.187	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-6.251	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-6.838	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-17.209	-0.0068	-2.5 to 2.5	Pass

				0	3.85	-0.858	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.674	-0.0007	-2.5 to 2.5	Pass
				30	3.85	4.563	0.0018	-2.5 to 2.5	Pass
				40	3.85	7.038	0.0028	-2.5 to 2.5	Pass
				50	3.85	0.973	0.0004	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-2.689	-0.0010	-2.5 to 2.5	Pass
					3.85	-13.990	-0.0054	-2.5 to 2.5	Pass
					4.43	2.289	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-4.878	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-8.740	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	2.418	0.0009	-2.5 to 2.5	Pass
				0	3.85	-11.516	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-5.794	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-7.882	-0.0031	-2.5 to 2.5	Pass
				40	3.85	4.864	0.0019	-2.5 to 2.5	Pass
				50	3.85	-12.188	-0.0047	-2.5 to 2.5	Pass

2.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2505	50	0	20	3.27	-5.908	-0.0024	-2.5 to 2.5	Pass
					3.85	-2.575	-0.0010	-2.5 to 2.5	Pass
					4.43	-9.255	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-0.715	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.515	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-9.813	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-1.917	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-5.794	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-3.948	-0.0016	-2.5 to 2.5	Pass
				40	3.85	1.945	0.0008	-2.5 to 2.5	Pass
				50	3.85	0.029	0.0000	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-2.861	-0.0011	-2.5 to 2.5	Pass
					3.85	-5.693	-0.0022	-2.5 to 2.5	Pass
					4.43	0.372	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-4.292	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	4.220	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-12.059	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-4.306	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-6.866	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				40	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.601	-0.0002	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	3.777	0.0015	-2.5 to 2.5	Pass
					3.85	-3.219	-0.0013	-2.5 to 2.5	Pass
					4.43	-6.380	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-6.294	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-4.721	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-10.557	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-1.688	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-6.366	-0.0025	-2.5 to 2.5	Pass
				30	3.85	1.173	0.0005	-2.5 to 2.5	Pass
				40	3.85	-7.582	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-1.202	-0.0005	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.27	-2.432	-0.0010	-2.5 to 2.5	Pass
					3.85	-3.505	-0.0014	-2.5 to 2.5	Pass
					4.43	-7.267	-0.0029	-2.5 to 2.5	Pass

				-30	3.85	2.246	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.901	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-5.021	-0.0020	-2.5 to 2.5	Pass
				0	3.85	9.770	0.0039	-2.5 to 2.5	Pass
				10	3.85	-4.950	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-2.160	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.472	-0.0002	-2.5 to 2.5	Pass
				50	3.85	4.091	0.0016	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-6.094	-0.0024	-2.5 to 2.5	Pass
					3.85	-3.977	-0.0016	-2.5 to 2.5	Pass
					4.43	-9.198	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-1.545	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.974	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-5.651	-0.0022	-2.5 to 2.5	Pass
				0	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				10	3.85	-9.627	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-9.370	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-3.333	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-2.403	-0.0009	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-15.292	-0.0060	-2.5 to 2.5	Pass
					3.85	-4.249	-0.0017	-2.5 to 2.5	Pass
					4.43	-1.330	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-7.939	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-12.660	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.85	-3.548	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-2.747	-0.0011	-2.5 to 2.5	Pass
				30	3.85	0.358	0.0001	-2.5 to 2.5	Pass
				40	3.85	5.322	0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.130	-0.0004	-2.5 to 2.5	Pass

2.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2507.5	75	0	20	3.27	-10.200	-0.0041	-2.5 to 2.5	Pass
					3.85	-10.242	-0.0041	-2.5 to 2.5	Pass
					4.43	-0.300	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-9.985	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	6.638	0.0026	-2.5 to 2.5	Pass
				-10	3.85	0.801	0.0003	-2.5 to 2.5	Pass
				0	3.85	-1.488	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-9.871	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-4.220	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-3.133	-0.0012	-2.5 to 2.5	Pass
				50	3.85	3.262	0.0013	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	0.901	0.0004	-2.5 to 2.5	Pass
					3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
					4.43	-2.646	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.575	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.246	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-9.484	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-9.828	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-10.171	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-5.078	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-2.975	-0.0012	-2.5 to 2.5	Pass
				50	3.85	0.200	0.0001	-2.5 to 2.5	Pass

	2562.5	75	0	20	3.27	2.103	0.0008	-2.5 to 2.5	Pass
					3.85	-3.090	-0.0012	-2.5 to 2.5	Pass
					4.43	-7.582	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-9.298	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-6.480	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-5.379	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-2.546	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-3.519	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-0.844	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-2.046	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-4.935	-0.0019	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.27	-1.230	-0.0005	-2.5 to 2.5	Pass
					3.85	0.930	0.0004	-2.5 to 2.5	Pass
					4.43	4.907	0.0020	-2.5 to 2.5	Pass
				-30	3.85	-4.649	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	1.402	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.544	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.887	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.558	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.658	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-3.533	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-6.595	-0.0026	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-3.161	-0.0012	-2.5 to 2.5	Pass
					3.85	0.329	0.0001	-2.5 to 2.5	Pass
					4.43	-5.078	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-4.363	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-7.982	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-3.748	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-10.014	-0.0040	-2.5 to 2.5	Pass
				10	3.85	0.272	0.0001	-2.5 to 2.5	Pass
				30	3.85	-1.845	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-4.835	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-3.462	-0.0014	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	-6.695	-0.0026	-2.5 to 2.5	Pass
					3.85	-8.111	-0.0032	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-4.435	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-7.925	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-12.889	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-1.402	-0.0005	-2.5 to 2.5	Pass
				30	3.85	2.532	0.0010	-2.5 to 2.5	Pass
				40	3.85	-4.249	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.029	0.0000	-2.5 to 2.5	Pass

2.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2510	100	0	20	3.27	-8.998	-0.0036	-2.5 to 2.5	Pass
					3.85	-6.294	-0.0025	-2.5 to 2.5	Pass
					4.43	-11.373	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-0.958	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-5.736	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-10.829	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-6.037	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-9.742	-0.0039	-2.5 to 2.5	Pass

				30	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.502	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-5.479	-0.0022	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	1.016	0.0004	-2.5 to 2.5	Pass
					3.85	-2.890	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.848	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-6.409	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-3.848	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	2.003	0.0008	-2.5 to 2.5	Pass
				0	3.85	4.263	0.0017	-2.5 to 2.5	Pass
				10	3.85	-0.744	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-6.208	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-3.390	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-10.271	-0.0041	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-7.339	-0.0029	-2.5 to 2.5	Pass
					3.85	-7.367	-0.0029	-2.5 to 2.5	Pass
					4.43	-9.398	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-1.159	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-9.599	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-8.855	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-6.194	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-2.432	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-3.991	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-7.339	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-8.883	-0.0035	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.27	-10.386	-0.0041	-2.5 to 2.5	Pass
					3.85	-7.010	-0.0028	-2.5 to 2.5	Pass
					4.43	-6.938	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-7.424	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-8.111	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-12.217	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-4.478	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-5.507	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-4.463	-0.0018	-2.5 to 2.5	Pass
				40	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				50	3.85	-7.710	-0.0031	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	10.300	0.0041	-2.5 to 2.5	Pass
					3.85	-2.532	-0.0010	-2.5 to 2.5	Pass
					4.43	-8.068	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-9.584	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-1.245	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-4.849	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-3.047	-0.0012	-2.5 to 2.5	Pass
				10	3.85	2.217	0.0009	-2.5 to 2.5	Pass
				30	3.85	-5.622	-0.0022	-2.5 to 2.5	Pass
				40	3.85	7.138	0.0028	-2.5 to 2.5	Pass
				50	3.85	-5.136	-0.0020	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-2.818	-0.0011	-2.5 to 2.5	Pass
					3.85	-10.114	-0.0040	-2.5 to 2.5	Pass
					4.43	1.502	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-6.065	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	0.629	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-2.503	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-10.400	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-10.128	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-5.279	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-5.465	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-5.250	-0.0021	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	25	0	Refer To Test Graph		Pass
16QAM	2535	25	0	Refer To Test Graph		Pass

3.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	50	0	Refer To Test Graph		Pass
16QAM	2535	50	0	Refer To Test Graph		Pass

3.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	75	0	Refer To Test Graph		Pass
16QAM	2535	75	0	Refer To Test Graph		Pass

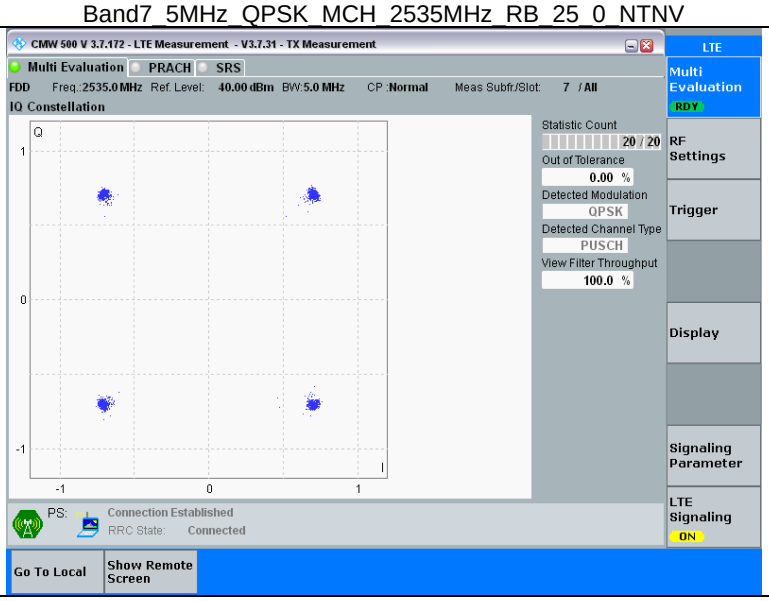
3.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	Refer To Test Graph		Pass
16QAM	2535	100	0	Refer To Test Graph		Pass

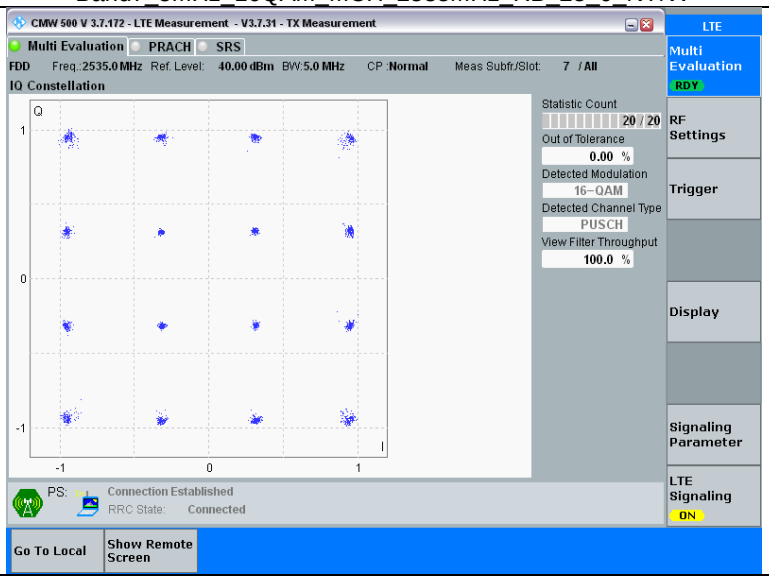
3.2 Test Graph

3.2.1 B7_5MHz

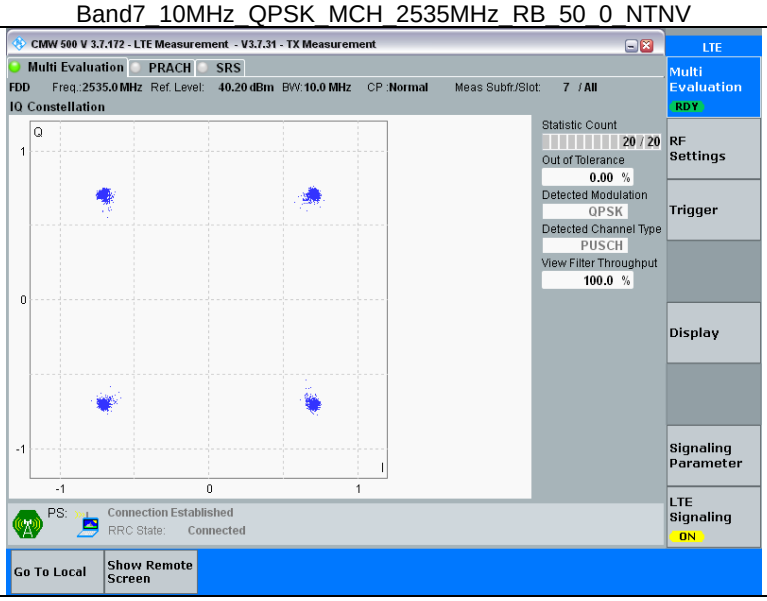
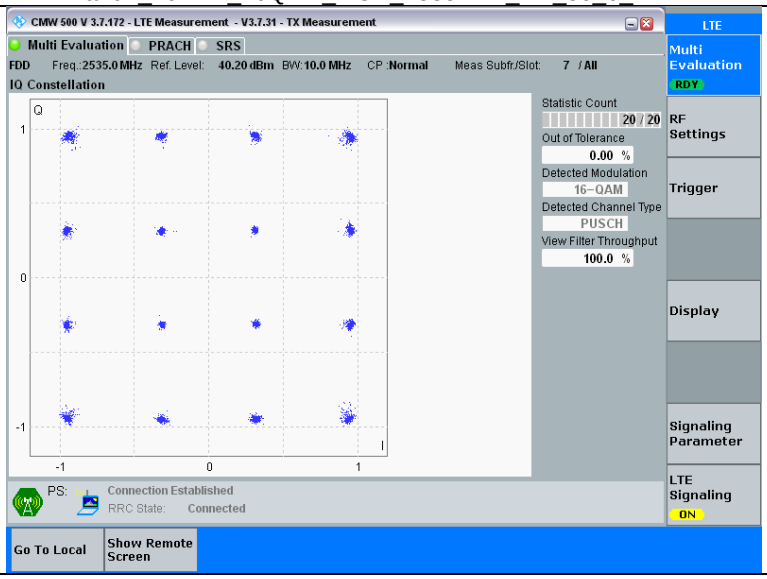
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



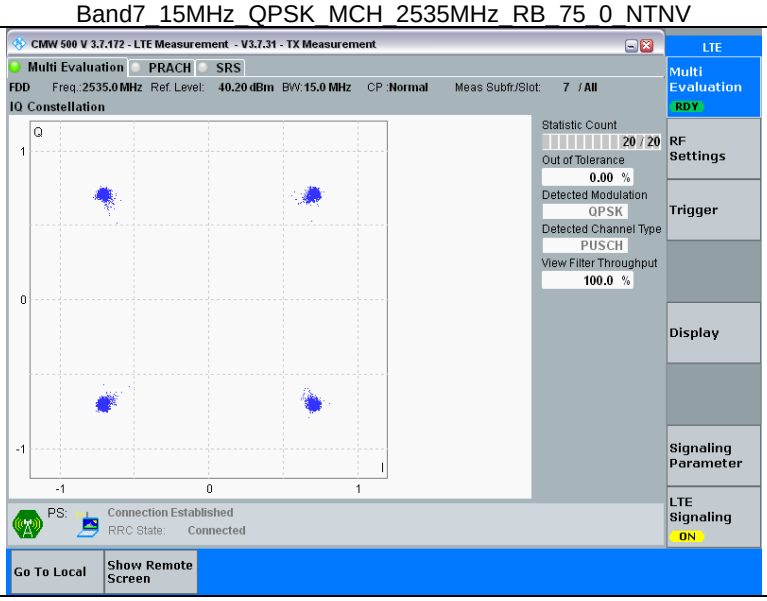
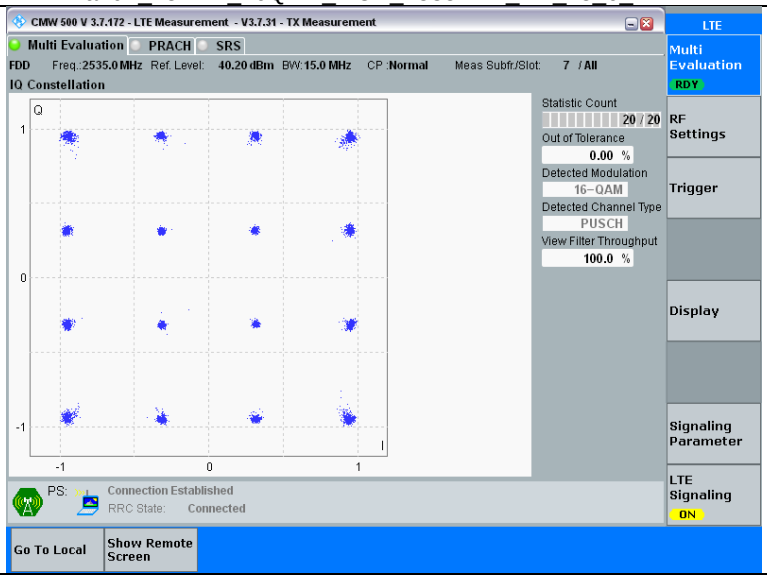
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



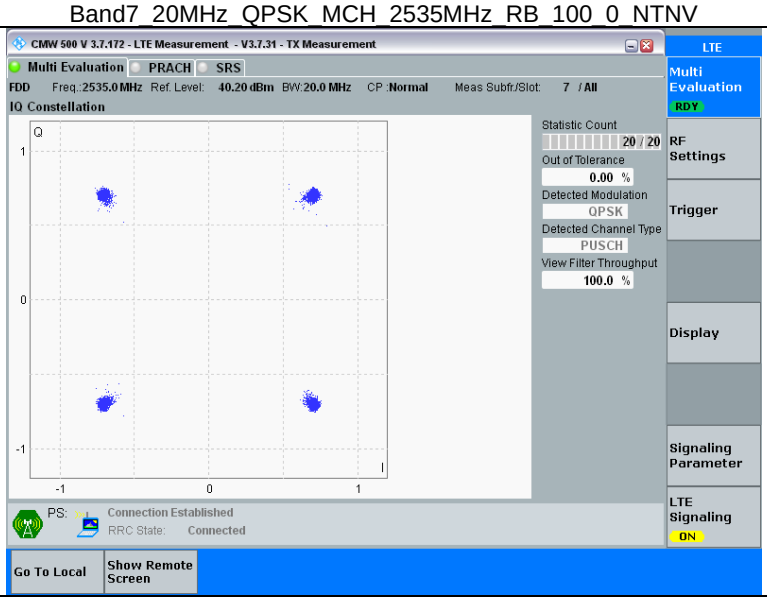
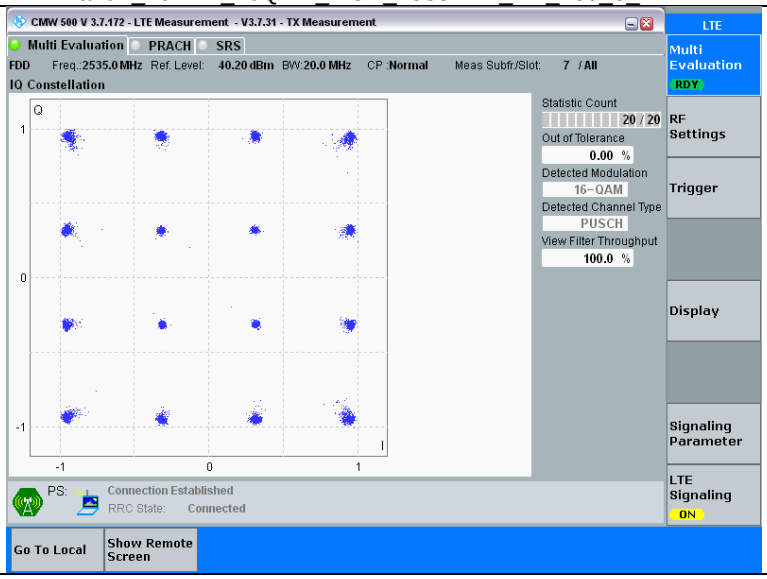
3.2.2 B7_10MHz

Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV

Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV


3.2.3 B7_15MHz

Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV

Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV


3.2.4 B7_20MHz

Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV

Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV


4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band7_OBW

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.536	/	Pass
		2535	25	0	4.536	/	Pass
		2567.5	25	0	4.548	/	Pass
	16QAM	2502.5	25	0	4.543	/	Pass
		2535	25	0	4.551	/	Pass
		2567.5	25	0	4.531	/	Pass
10	QPSK	2505	50	0	9.052	/	Pass
		2535	50	0	9.075	/	Pass
		2565	50	0	9.047	/	Pass
	16QAM	2505	50	0	9.066	/	Pass
		2535	50	0	9.061	/	Pass
		2565	50	0	9.076	/	Pass
15	QPSK	2507.5	75	0	13.618	/	Pass
		2535	75	0	13.621	/	Pass
		2562.5	75	0	13.570	/	Pass
	16QAM	2507.5	75	0	13.622	/	Pass
		2535	75	0	13.617	/	Pass
		2562.5	75	0	13.609	/	Pass
20	QPSK	2510	100	0	18.171	/	Pass
		2535	100	0	18.174	/	Pass
		2560	100	0	18.183	/	Pass
	16QAM	2510	100	0	18.185	/	Pass
		2535	100	0	18.176	/	Pass
		2560	100	0	18.039	/	Pass

4.1.2 Band7_XDB

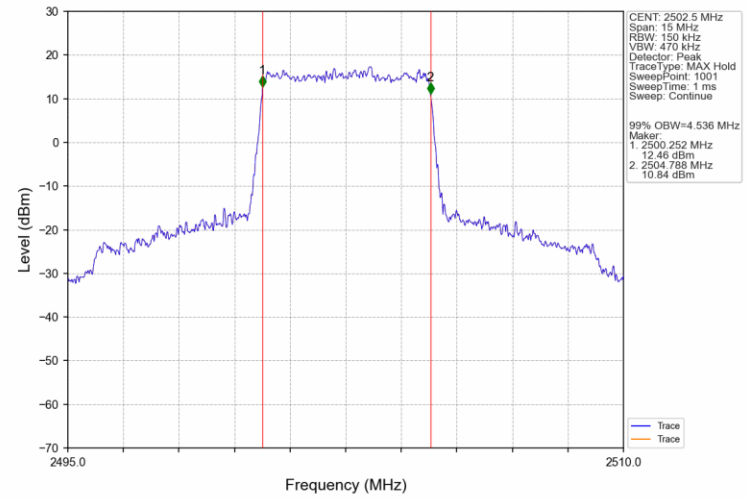
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.009	/	Pass
		2535	25	0	5.008	/	Pass
		2567.5	25	0	5.015	/	Pass
	16QAM	2502.5	25	0	5.018	/	Pass
		2535	25	0	5.010	/	Pass
		2567.5	25	0	5.029	/	Pass
10	QPSK	2505	50	0	9.921	/	Pass
		2535	50	0	9.916	/	Pass
		2565	50	0	9.946	/	Pass
	16QAM	2505	50	0	9.967	/	Pass
		2535	50	0	9.912	/	Pass
		2565	50	0	9.913	/	Pass
15	QPSK	2507.5	75	0	15.049	/	Pass
		2535	75	0	14.963	/	Pass
		2562.5	75	0	14.869	/	Pass

	16QAM	2507.5	75	0	14.963	/	Pass
		2535	75	0	14.850	/	Pass
		2562.5	75	0	14.860	/	Pass
20	QPSK	2510	100	0	19.868	/	Pass
		2535	100	0	19.826	/	Pass
		2560	100	0	19.710	/	Pass
	16QAM	2510	100	0	19.752	/	Pass
		2535	100	0	19.744	/	Pass
		2560	100	0	19.647	/	Pass

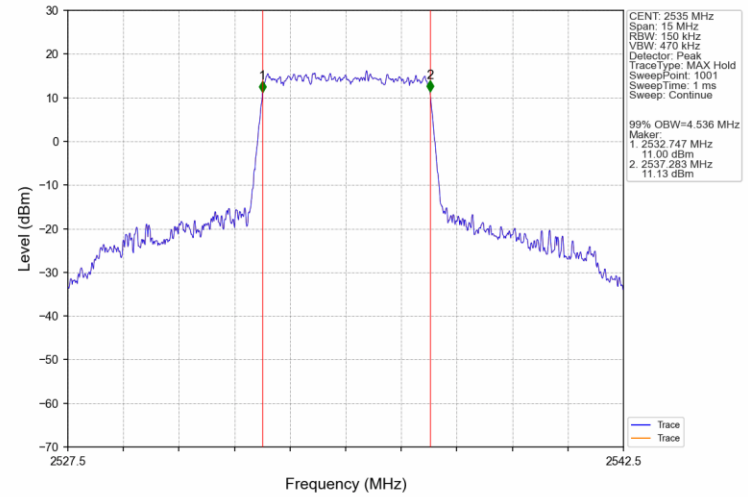
4.2 Test Graph

4.2.1 Band7_OBW

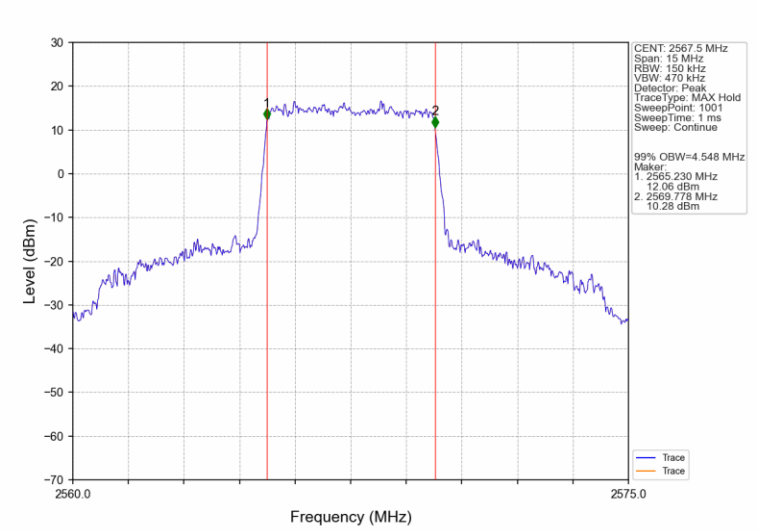
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



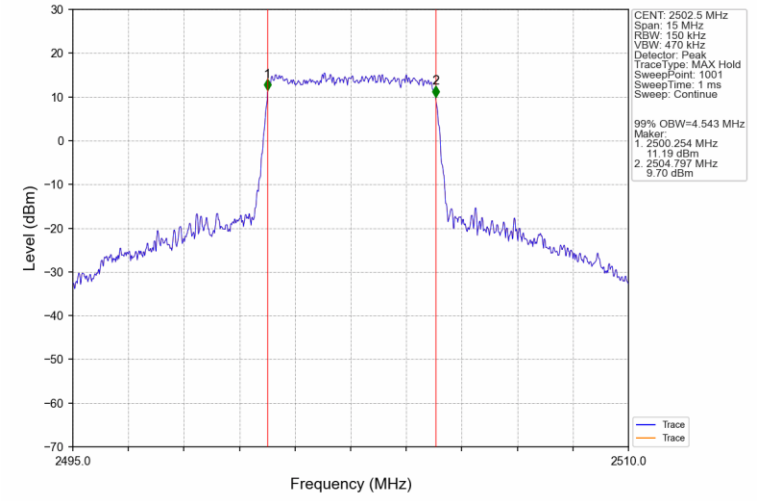
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



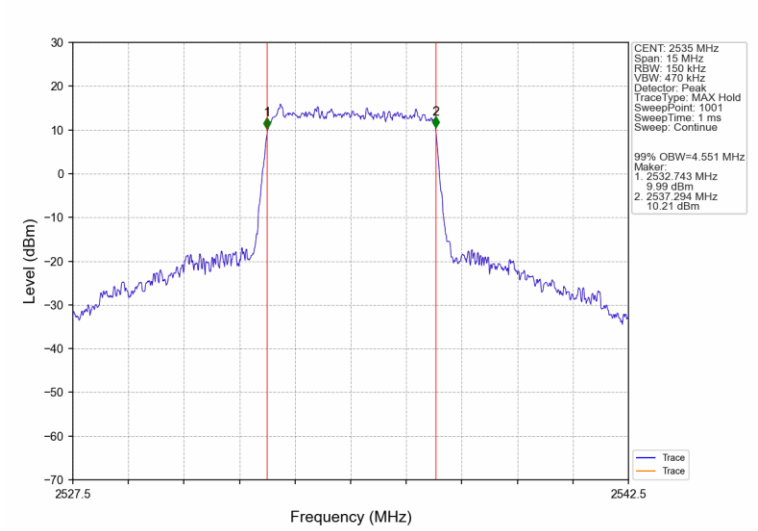
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



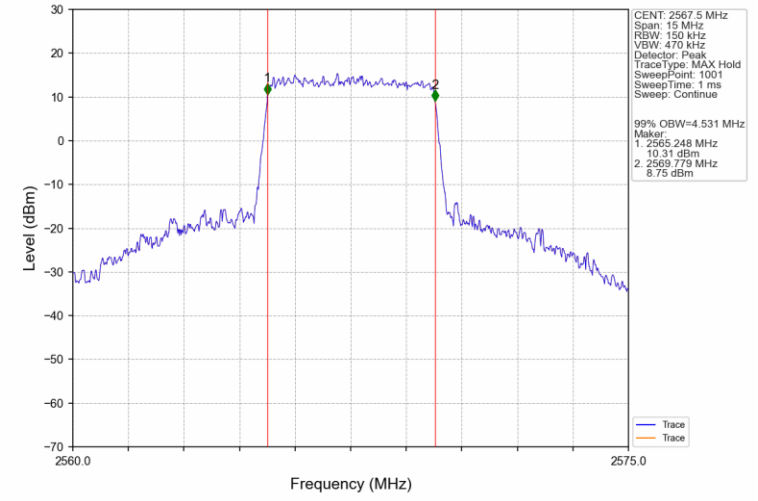
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



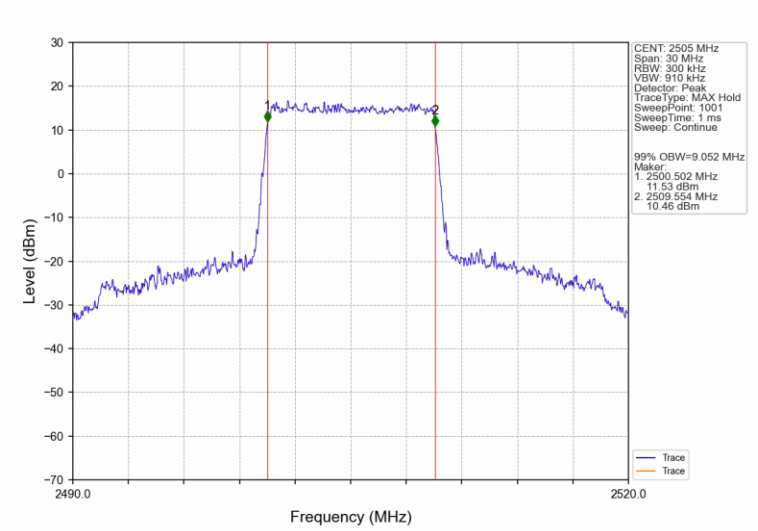
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



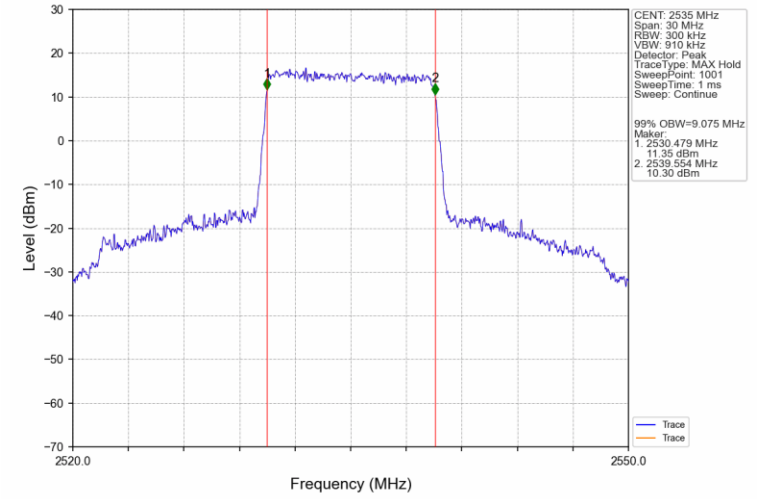
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



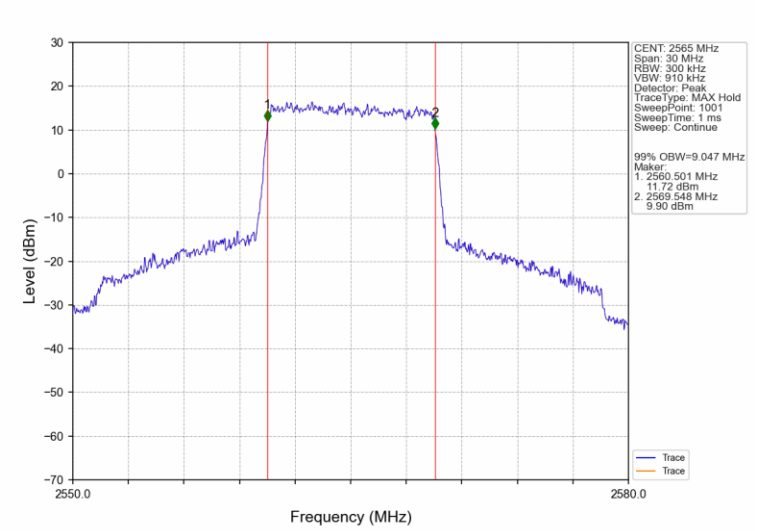
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



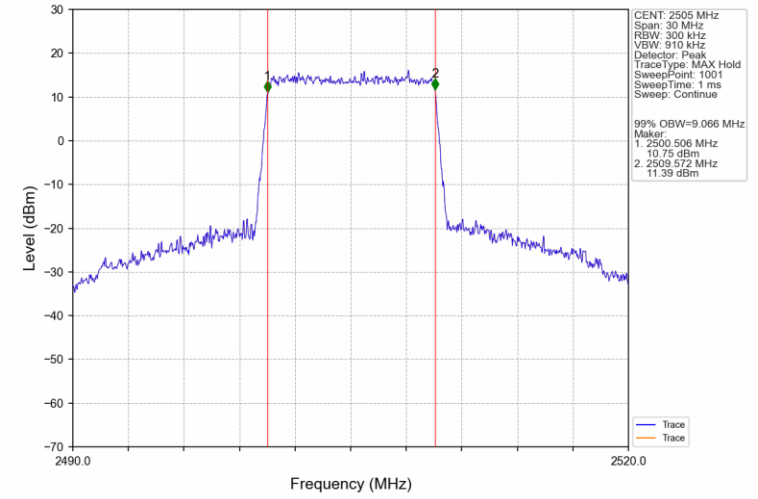
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



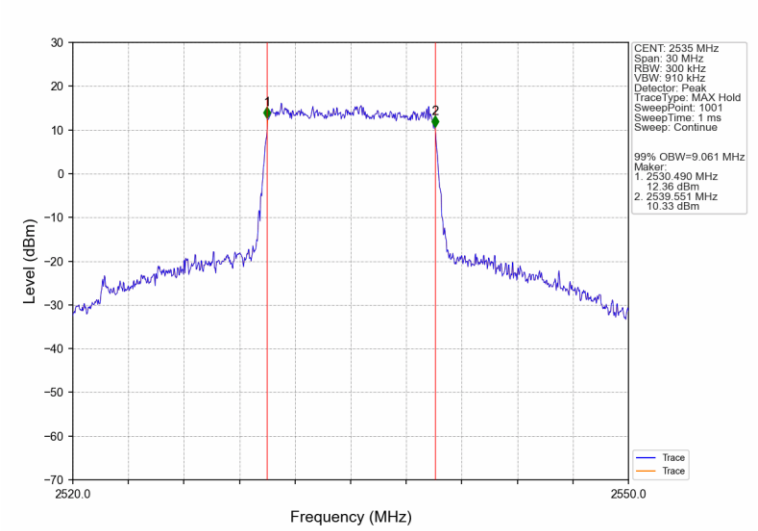
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



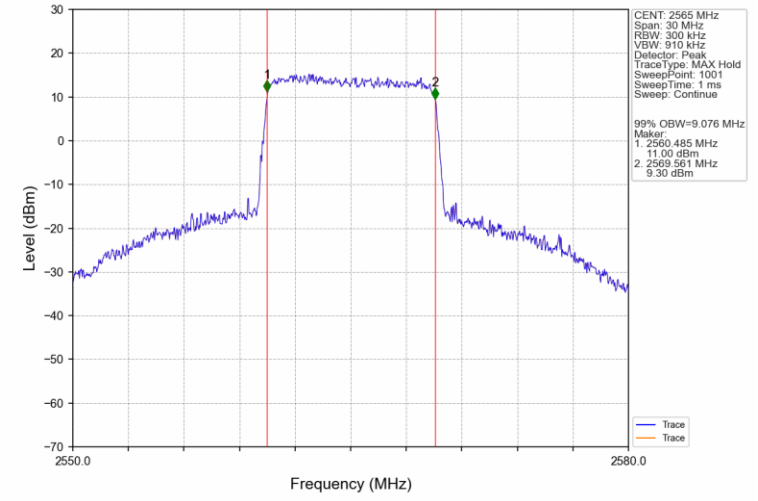
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



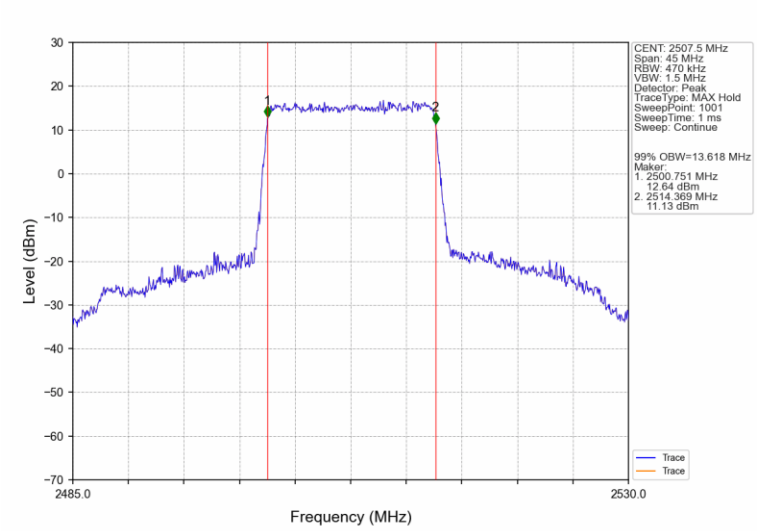
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



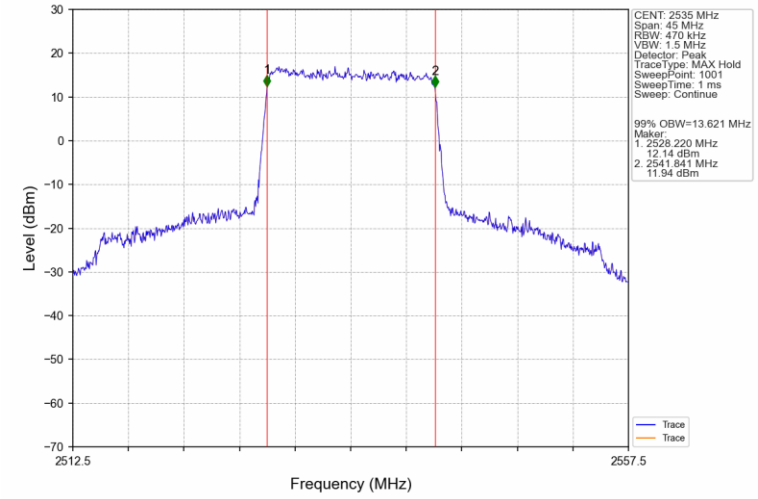
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV

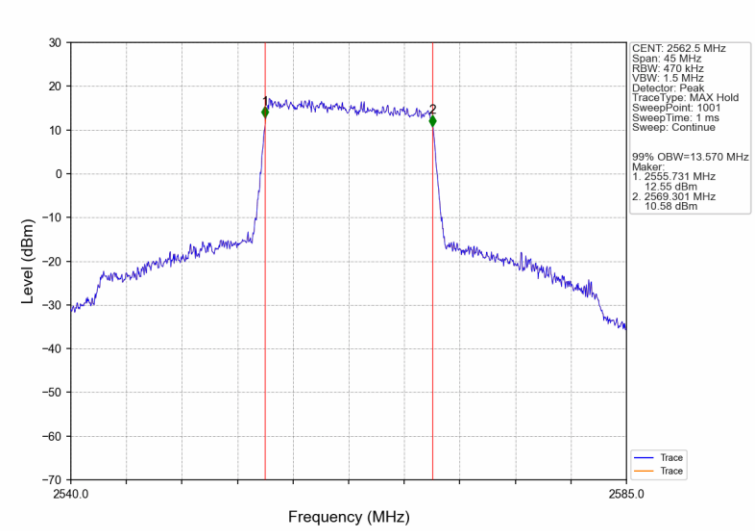
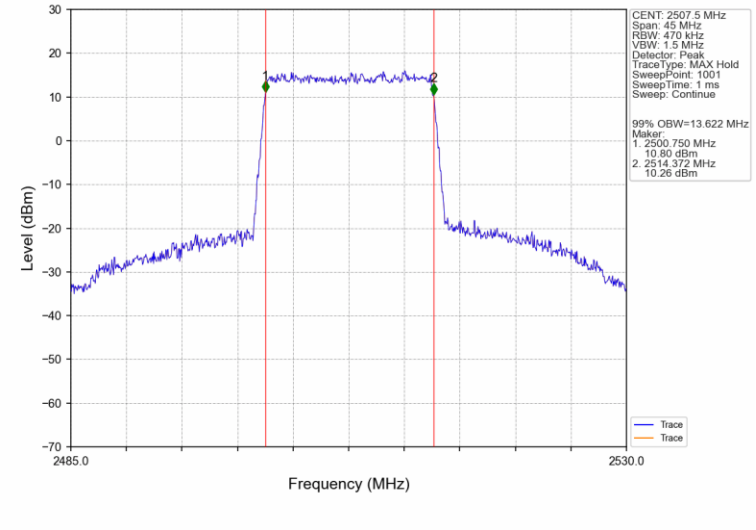


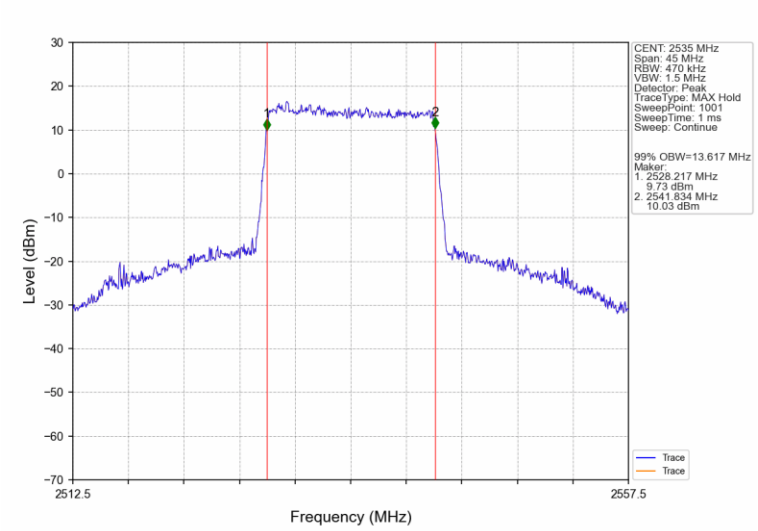
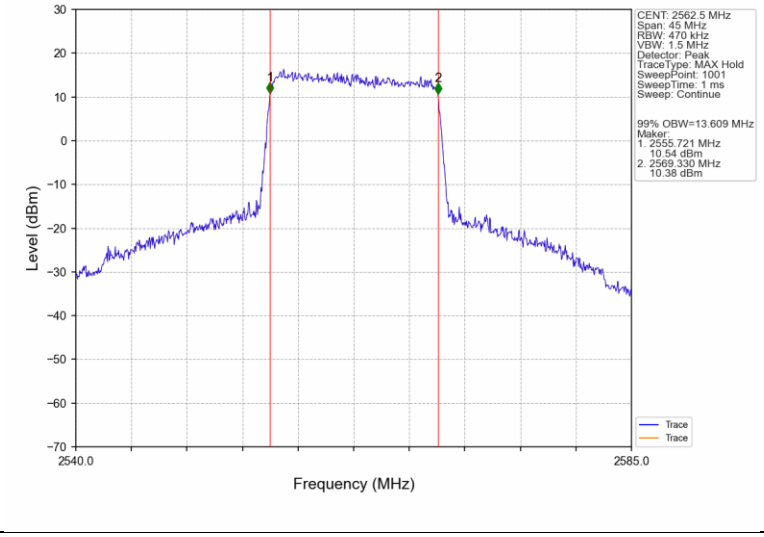
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

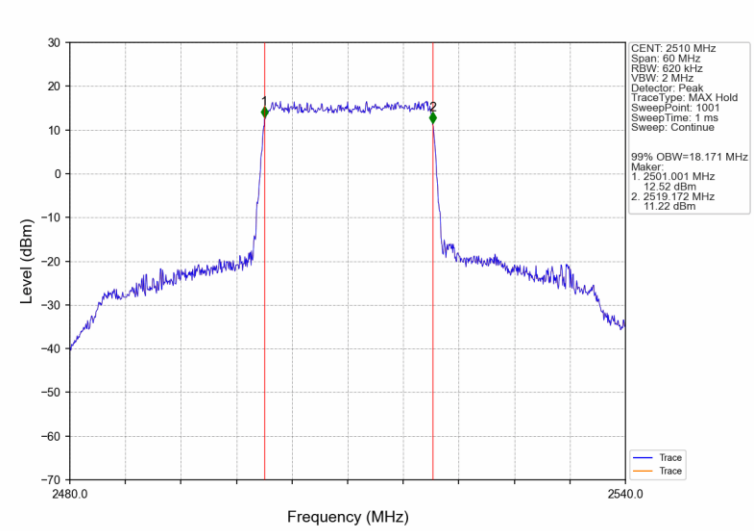
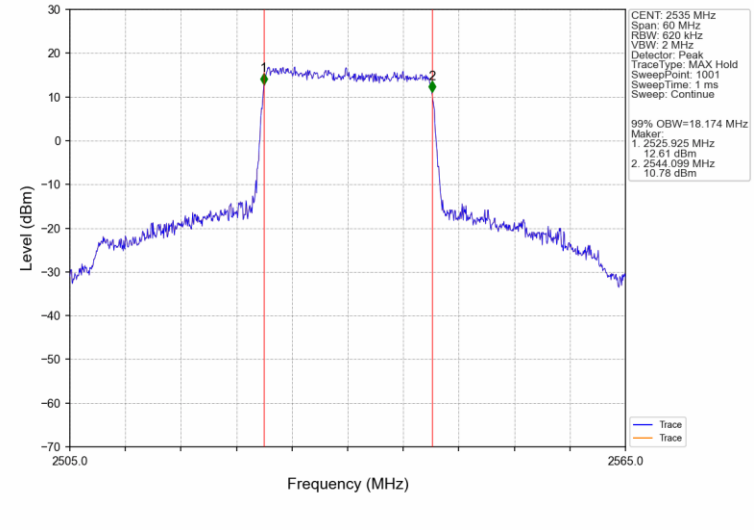


Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV

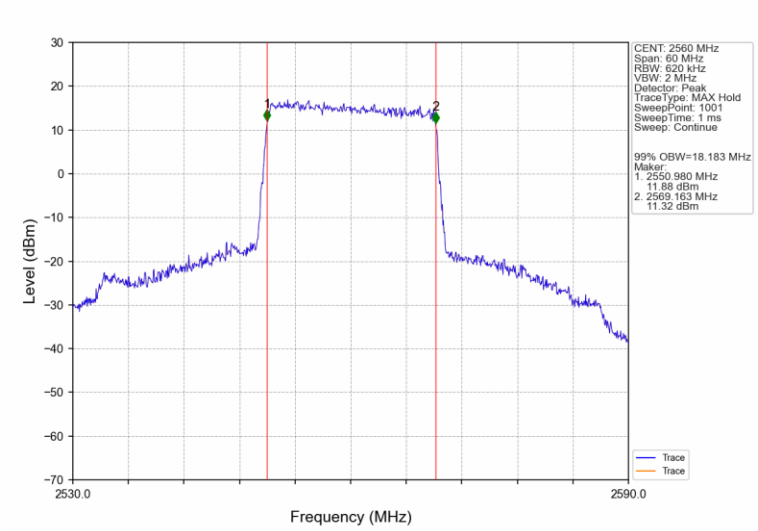


Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV

Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV


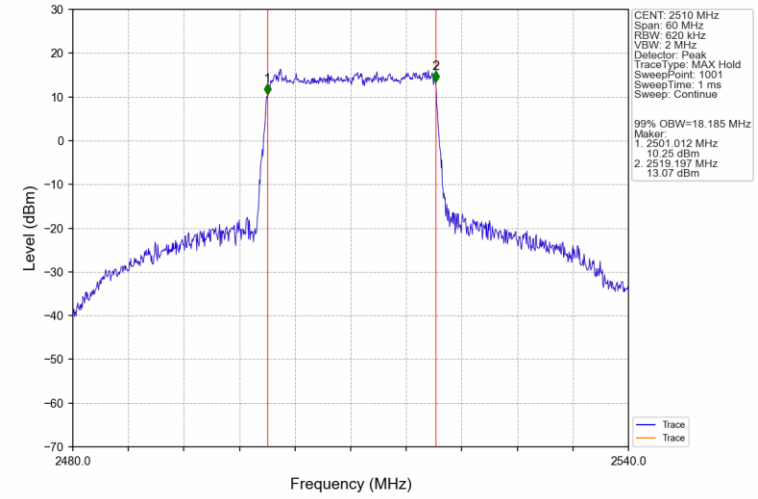
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV

Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV


Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV

Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV


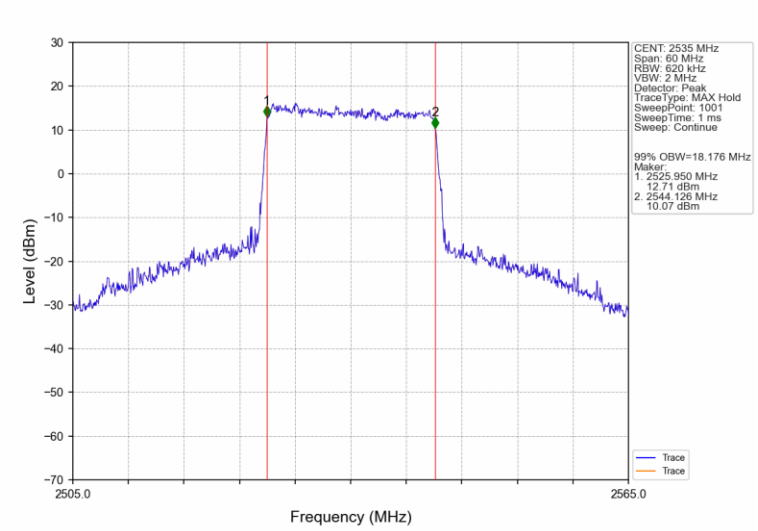
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



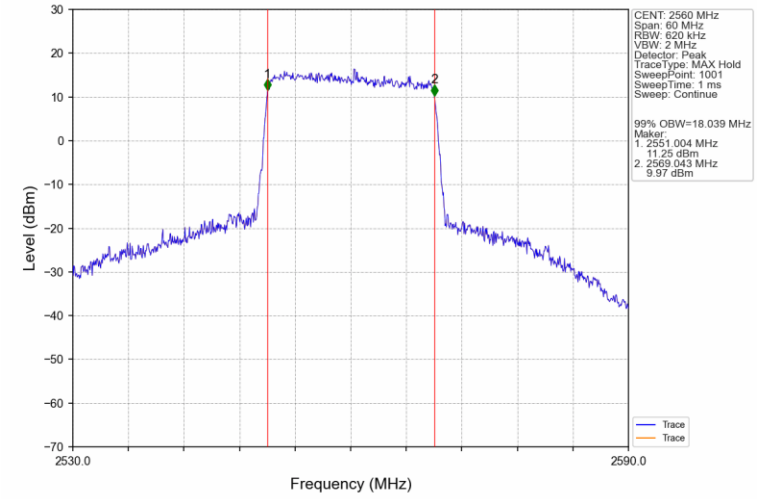
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



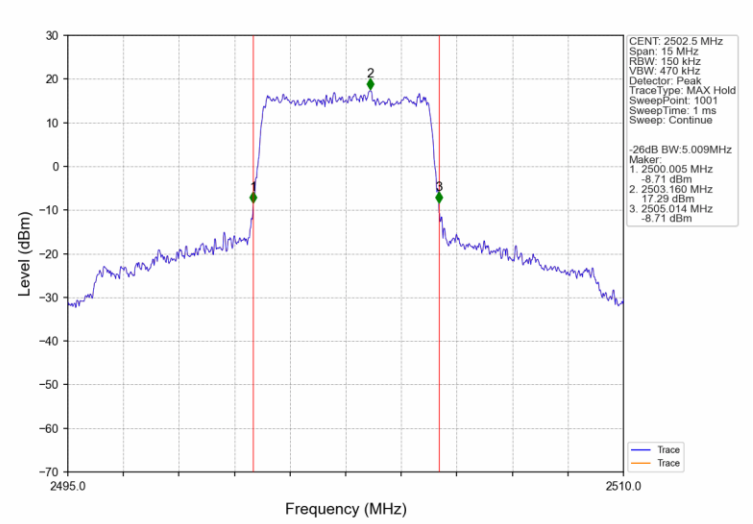
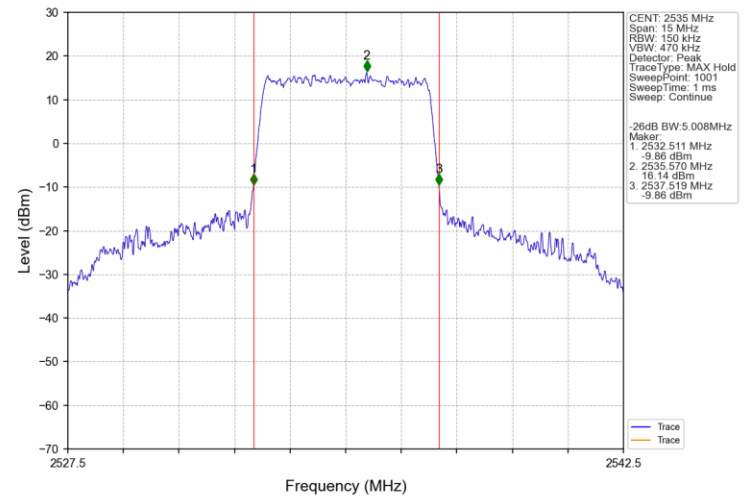
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



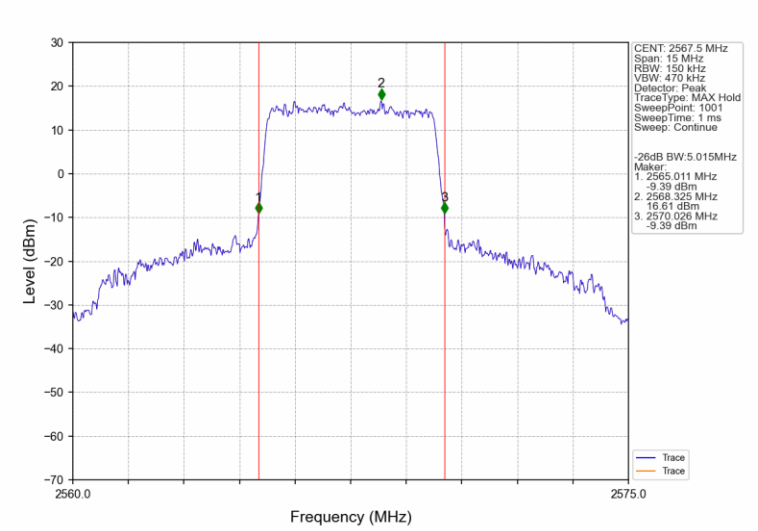
Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



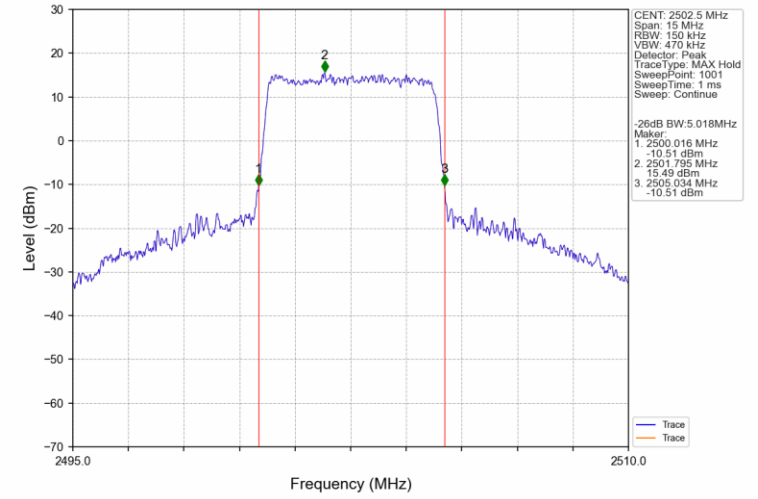
4.2.2 Band7_XDB

Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV


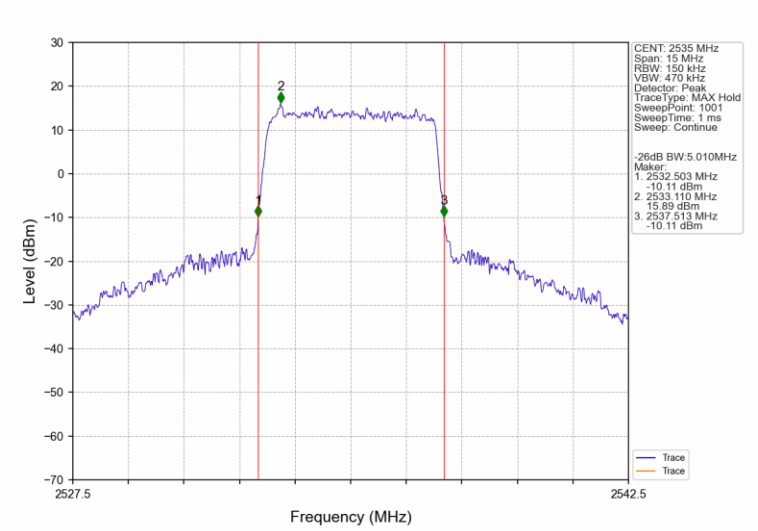
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



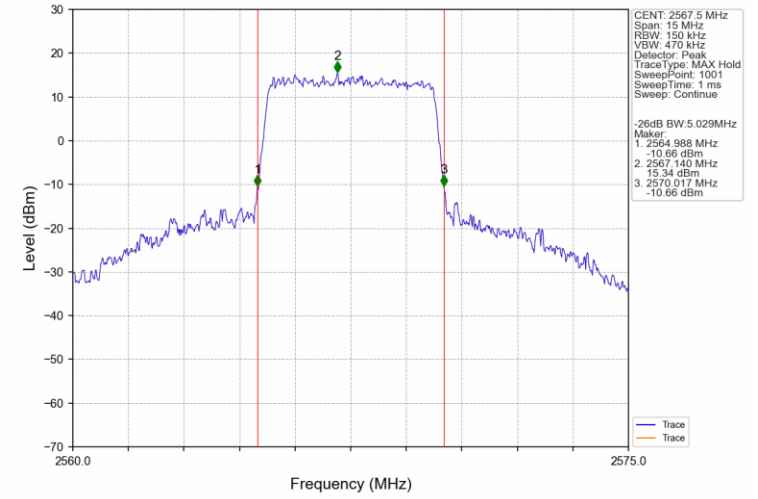
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



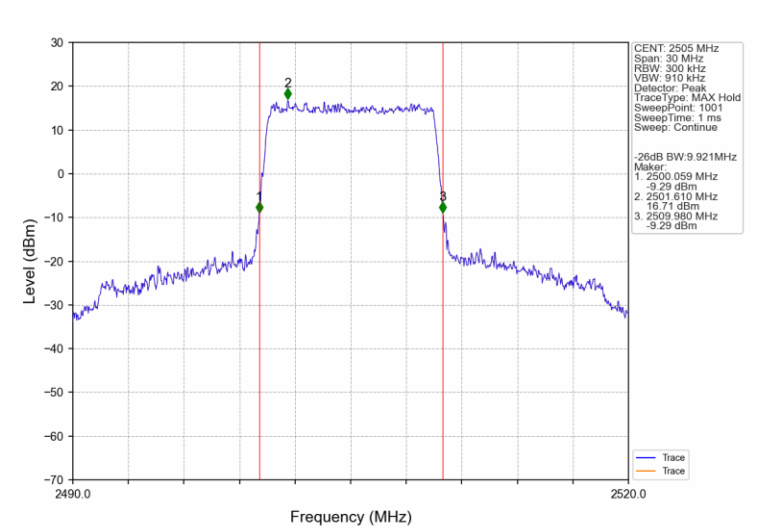
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



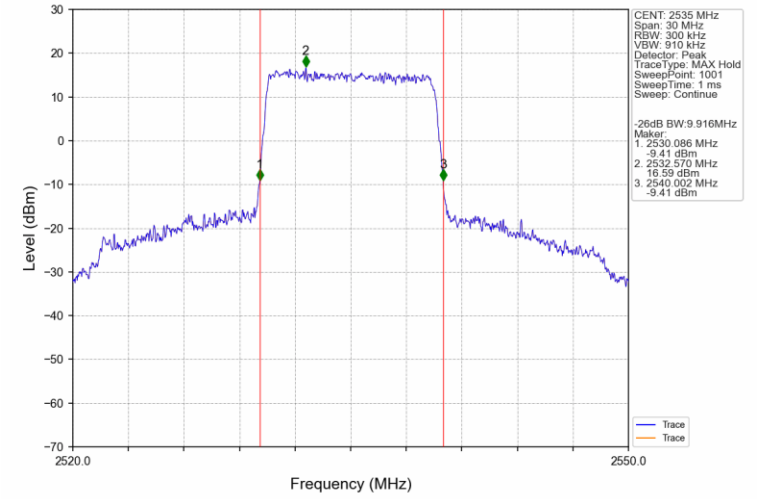
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



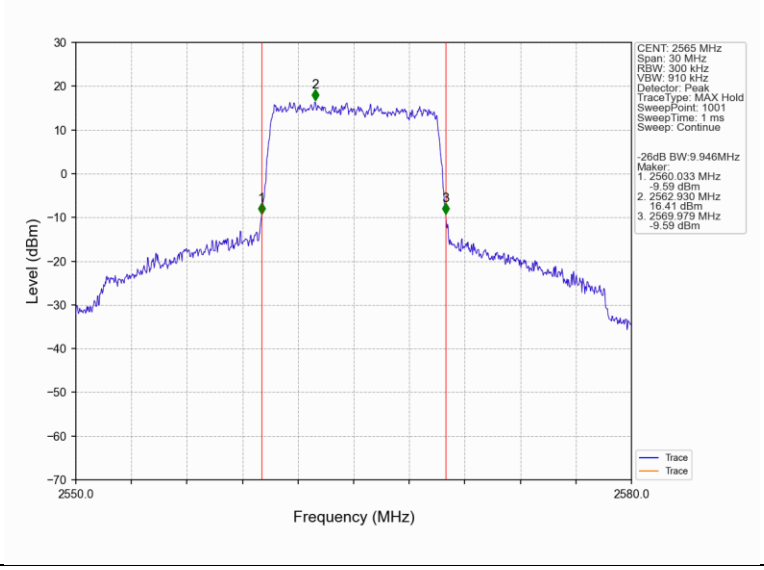
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



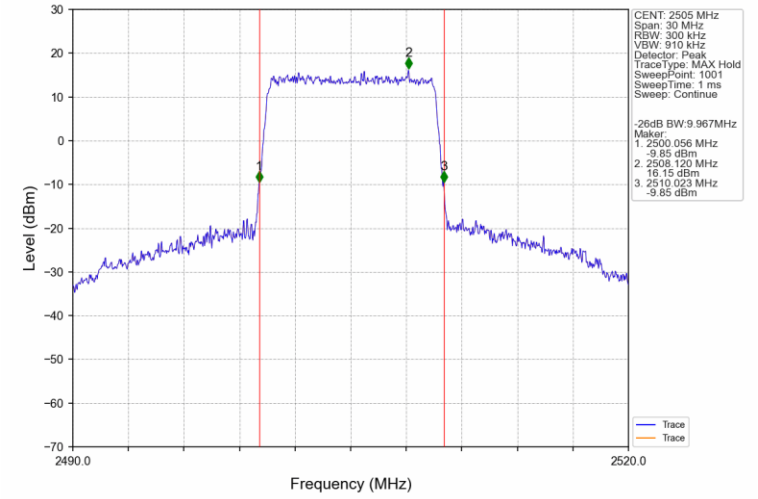
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



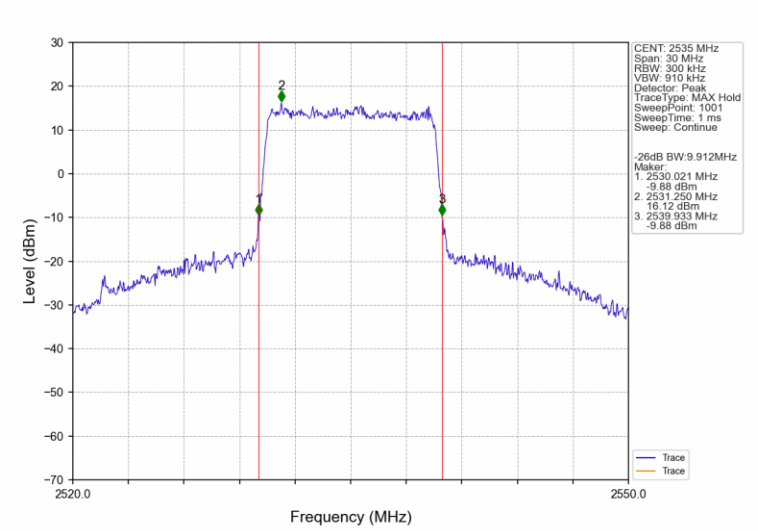
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



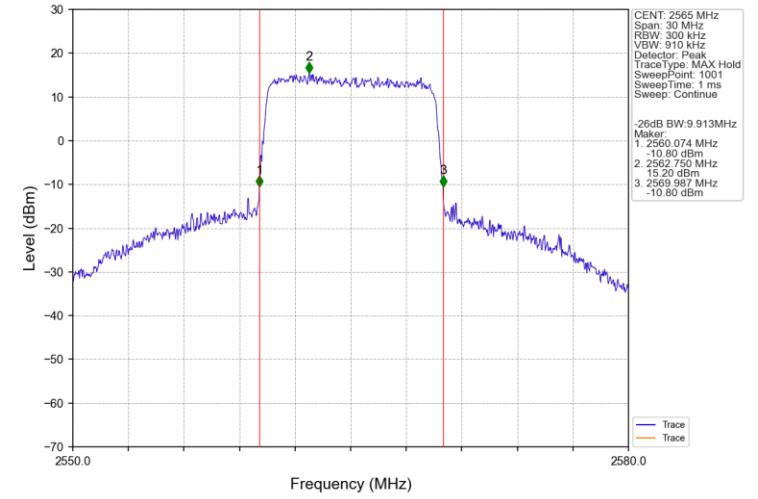
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV

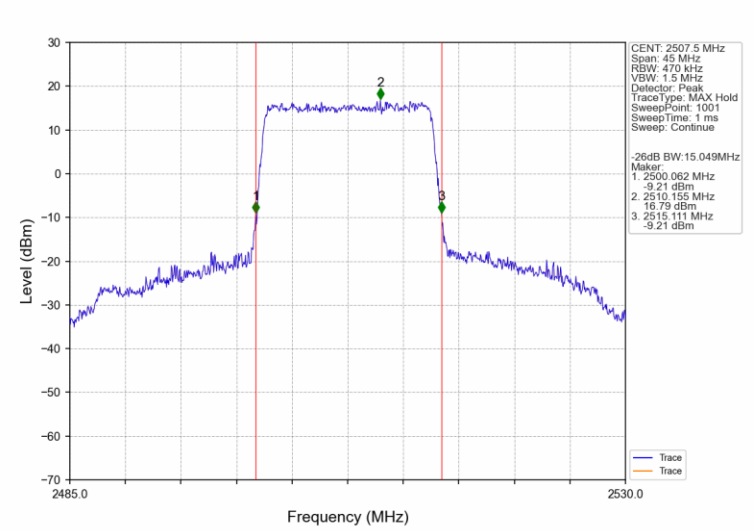
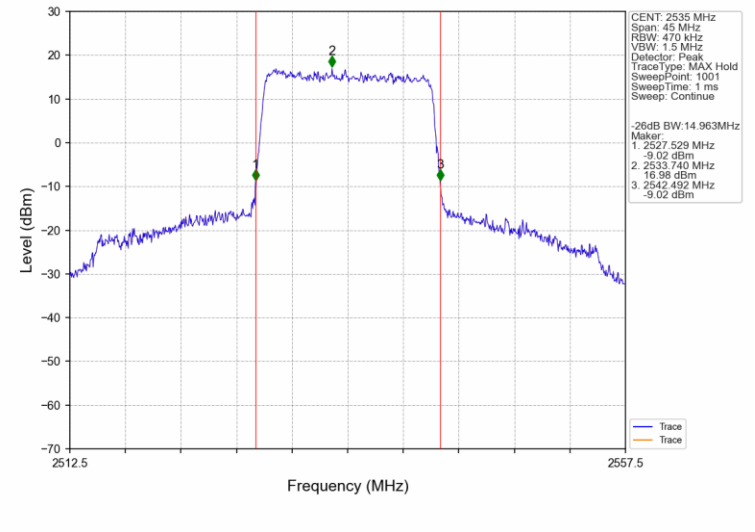


Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV

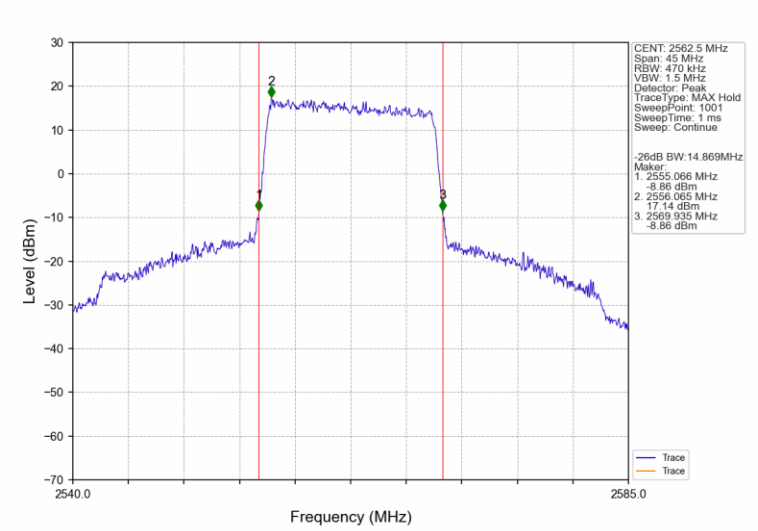


Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV

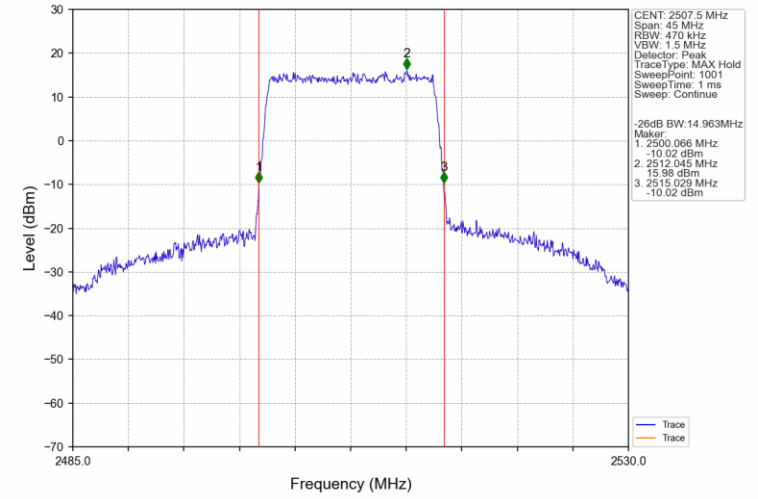


Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV


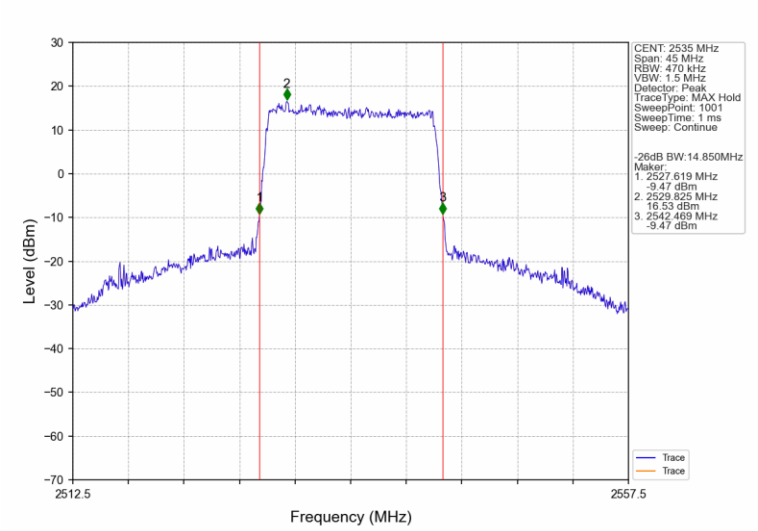
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



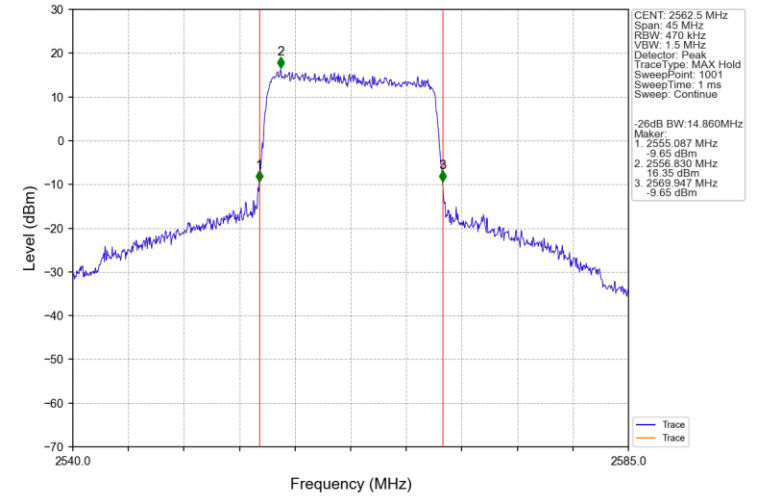
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV

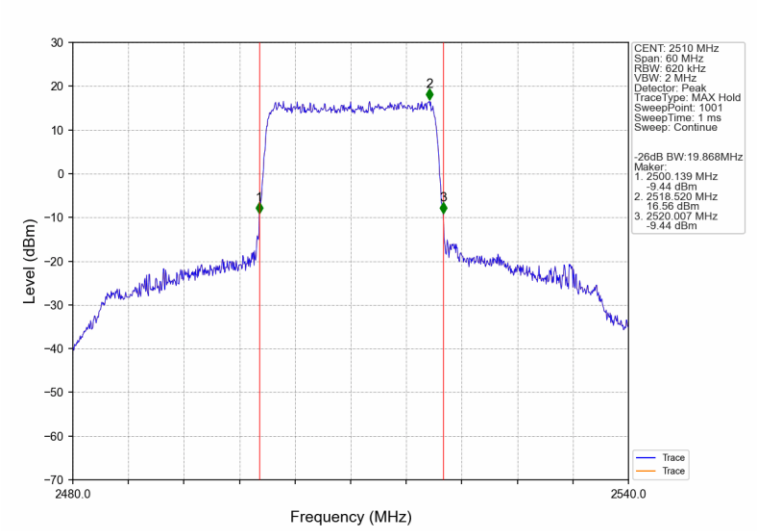
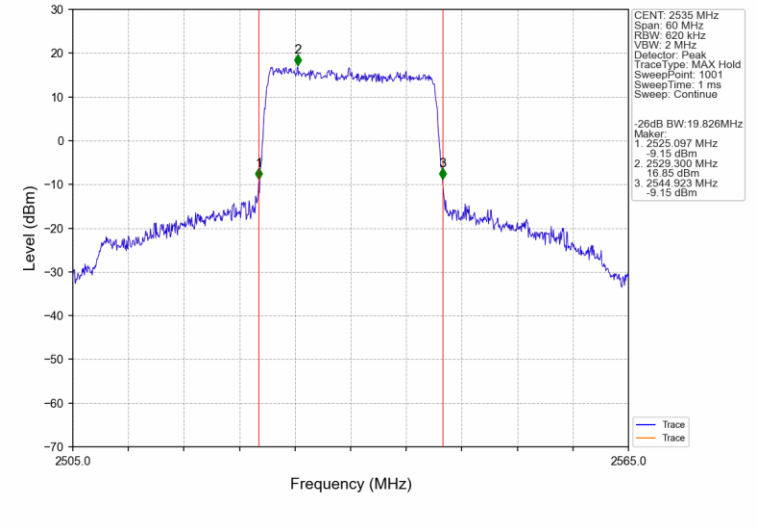


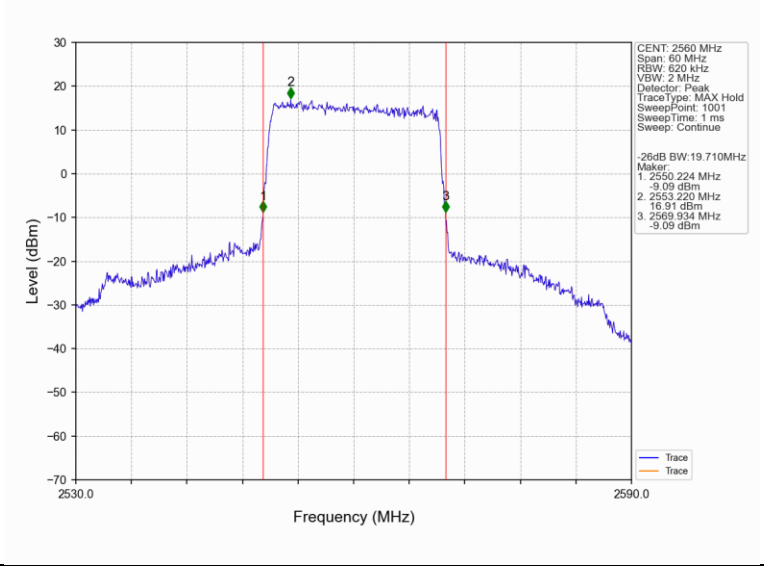
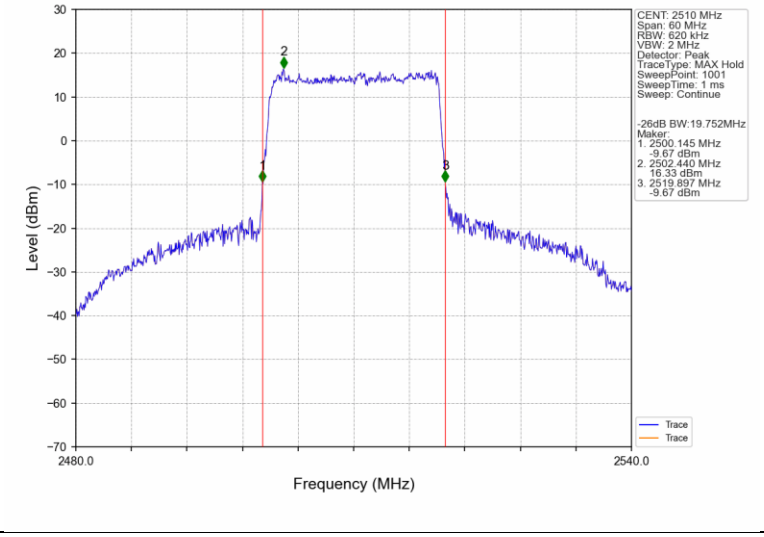
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



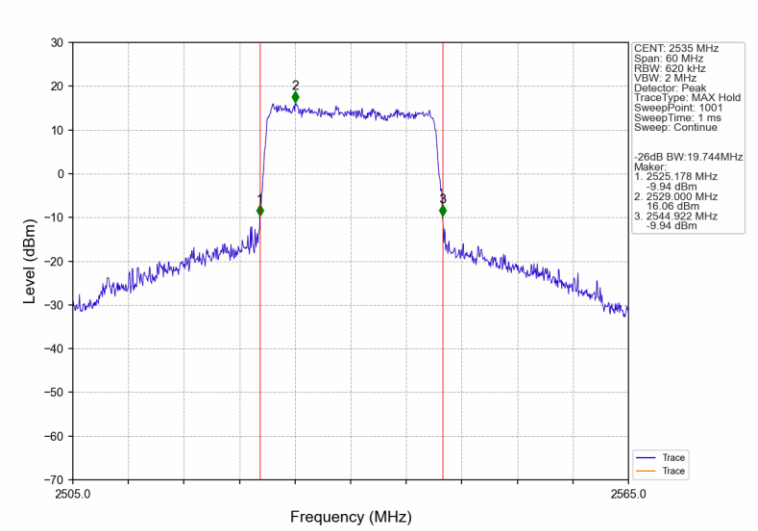
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



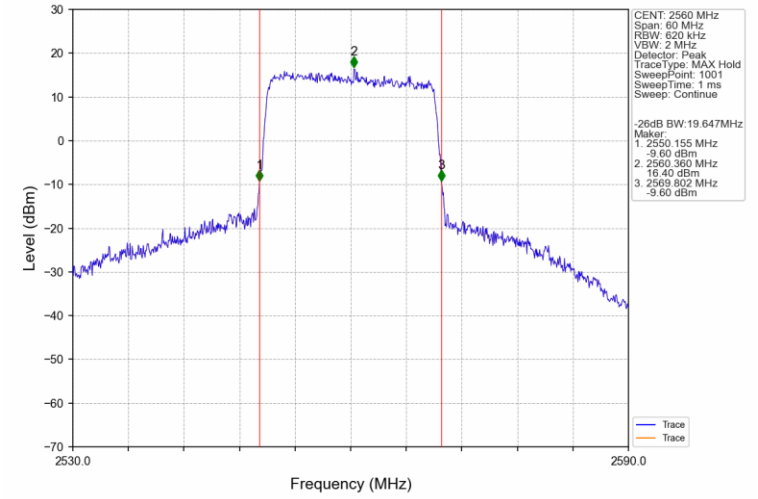
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV

Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV


Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV

Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV


Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	25	0	5.12	<=13	Pass
	2535	25	0	5.07	<=13	Pass
	2567.5	25	0	4.90	<=13	Pass
16QAM	2502.5	25	0	5.82	<=13	Pass
	2535	25	0	5.76	<=13	Pass
	2567.5	25	0	5.57	<=13	Pass

5.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	50	0	5.27	<=13	Pass
	2535	50	0	5.06	<=13	Pass
	2565	50	0	4.87	<=13	Pass
16QAM	2505	50	0	6.02	<=13	Pass
	2535	50	0	5.77	<=13	Pass
	2565	50	0	5.61	<=13	Pass

5.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	5.11	<=13	Pass
	2535	75	0	5.04	<=13	Pass
	2562.5	75	0	4.93	<=13	Pass
16QAM	2507.5	75	0	6.12	<=13	Pass
	2535	75	0	5.94	<=13	Pass
	2562.5	75	0	5.86	<=13	Pass

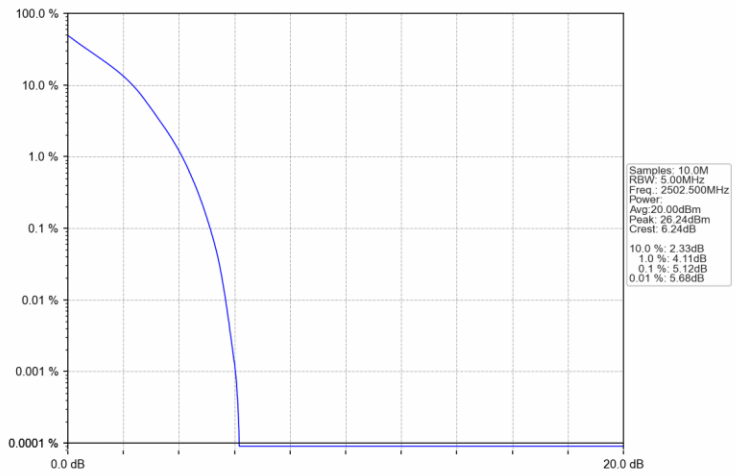
5.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.64	<=13	Pass
	2535	100	0	5.71	<=13	Pass
	2560	100	0	5.67	<=13	Pass
16QAM	2510	100	0	6.63	<=13	Pass
	2535	100	0	6.55	<=13	Pass
	2560	100	0	6.47	<=13	Pass

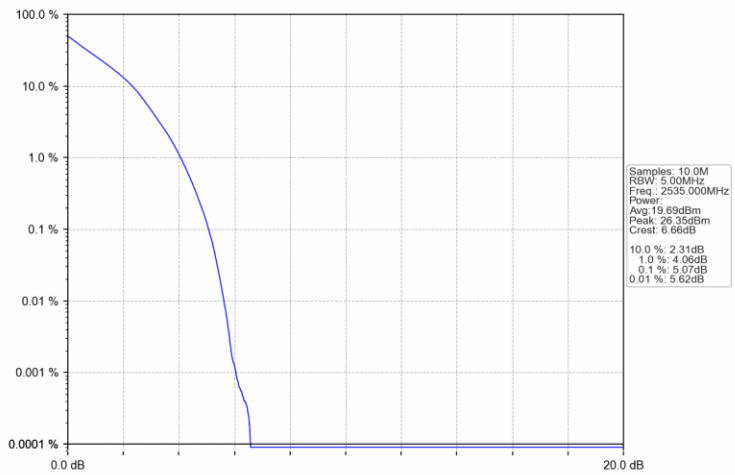
5.2 Test Graph

5.2.1 B7_5MHz

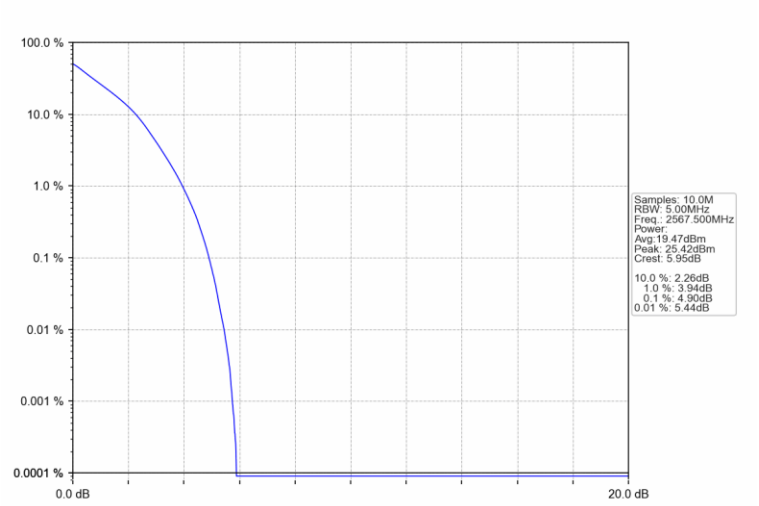
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV