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	23.99	-3.61	20.38	<=33.01	Pass
			13	24.03	-3.61	20.42	<=33.01	Pass
			24	23.92	-3.61	20.31	<=33.01	Pass
		12	0	22.94	-3.61	19.33	<=33.01	Pass
			6	23.00	-3.61	19.39	<=33.01	Pass
			13	22.96	-3.61	19.35	<=33.01	Pass
		25	0	22.96	-3.61	19.35	<=33.01	Pass
	2535	1	0	23.76	-3.61	20.15	<=33.01	Pass
			13	23.83	-3.61	20.22	<=33.01	Pass
			24	23.75	-3.61	20.14	<=33.01	Pass
		12	0	22.86	-3.61	19.25	<=33.01	Pass
			6	22.84	-3.61	19.23	<=33.01	Pass
			13	22.82	-3.61	19.21	<=33.01	Pass
		25	0	22.83	-3.61	19.22	<=33.01	Pass
	2567.5	1	0	23.49	-3.61	19.88	<=33.01	Pass
			13	23.57	-3.61	19.96	<=33.01	Pass
			24	23.46	-3.61	19.85	<=33.01	Pass
		12	0	22.57	-3.61	18.96	<=33.01	Pass
			6	22.60	-3.61	18.99	<=33.01	Pass
			13	22.54	-3.61	18.93	<=33.01	Pass
		25	0	22.57	-3.61	18.96	<=33.01	Pass
16QAM	2502.5	1	0	23.13	-3.61	19.52	<=33.01	Pass
			13	23.25	-3.61	19.64	<=33.01	Pass
			24	23.15	-3.61	19.54	<=33.01	Pass
		12	0	21.91	-3.61	18.30	<=33.01	Pass
			6	22.00	-3.61	18.39	<=33.01	Pass
			13	21.95	-3.61	18.34	<=33.01	Pass
		25	0	21.96	-3.61	18.35	<=33.01	Pass
	2535	1	0	22.63	-3.61	19.02	<=33.01	Pass
			13	22.73	-3.61	19.12	<=33.01	Pass
			24	22.62	-3.61	19.01	<=33.01	Pass
		12	0	21.83	-3.61	18.22	<=33.01	Pass
			6	21.87	-3.61	18.26	<=33.01	Pass
			13	21.79	-3.61	18.18	<=33.01	Pass
		25	0	21.84	-3.61	18.23	<=33.01	Pass
	2567.5	1	0	22.62	-3.61	19.01	<=33.01	Pass
			13	22.70	-3.61	19.09	<=33.01	Pass
			24	22.60	-3.61	18.99	<=33.01	Pass
		12	0	21.55	-3.61	17.94	<=33.01	Pass
			6	21.57	-3.61	17.96	<=33.01	Pass
			13	21.49	-3.61	17.88	<=33.01	Pass
		25	0	21.61	-3.61	18.00	<=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	23.91	-1.21	20.30	<=33.01	Pass
			25	23.96	-1.21	20.35	<=33.01	Pass
			49	23.97	-1.21	20.36	<=33.01	Pass
		25	0	22.93	-1.21	19.32	<=33.01	Pass
			13	23.01	-1.21	19.40	<=33.01	Pass
			25	22.99	-1.21	19.38	<=33.01	Pass
		50	0	22.99	-1.21	19.38	<=33.01	Pass
	2535	1	0	23.85	-1.21	20.24	<=33.01	Pass
			25	23.86	-1.21	20.25	<=33.01	Pass
			49	23.85	-1.21	20.24	<=33.01	Pass
		25	0	22.91	-1.21	19.30	<=33.01	Pass
			13	22.91	-1.21	19.30	<=33.01	Pass
			25	22.85	-1.21	19.24	<=33.01	Pass
		50	0	22.91	-1.21	19.30	<=33.01	Pass
	2565	1	0	23.52	-1.21	19.91	<=33.01	Pass
			25	23.55	-1.21	19.94	<=33.01	Pass
			49	23.53	-1.21	19.92	<=33.01	Pass
		25	0	22.68	-1.21	19.07	<=33.01	Pass
			13	22.65	-1.21	19.04	<=33.01	Pass
			25	22.58	-1.21	18.97	<=33.01	Pass
		50	0	22.62	-1.21	19.01	<=33.01	Pass
16QAM	2505	1	0	23.37	-1.21	19.76	<=33.01	Pass
			25	23.48	-1.21	19.87	<=33.01	Pass
			49	23.53	-1.21	19.92	<=33.01	Pass
		25	0	21.96	-1.21	18.35	<=33.01	Pass
			13	22.05	-1.21	18.44	<=33.01	Pass
			25	22.05	-1.21	18.44	<=33.01	Pass
		50	0	21.97	-1.21	18.36	<=33.01	Pass
	2535	1	0	22.89	-1.21	19.28	<=33.01	Pass
			25	22.90	-1.21	19.29	<=33.01	Pass
			49	22.90	-1.21	19.29	<=33.01	Pass
		25	0	21.99	-1.21	18.38	<=33.01	Pass
			13	22.00	-1.21	18.39	<=33.01	Pass
			25	21.96	-1.21	18.35	<=33.01	Pass
		50	0	21.89	-1.21	18.28	<=33.01	Pass
	2565	1	0	22.76	-1.21	19.15	<=33.01	Pass
			25	22.78	-1.21	19.17	<=33.01	Pass
			49	22.75	-1.21	19.14	<=33.01	Pass
		25	0	21.72	-1.21	18.11	<=33.01	Pass
			13	21.71	-1.21	18.10	<=33.01	Pass
			25	21.60	-1.21	17.99	<=33.01	Pass
		50	0	21.64	-1.21	18.03	<=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	23.80	-1.21	20.19	<=33.01	Pass
			38	23.98	-1.21	20.37	<=33.01	Pass
			74	23.90	-1.21	20.29	<=33.01	Pass
		36	0	22.89	-1.21	19.28	<=33.01	Pass
			18	22.98	-1.21	19.37	<=33.01	Pass

			39	23.01	-1.21	19.40	<=33.01	Pass
		75	0	22.97	-1.21	19.36	<=33.01	Pass
	2535	1	0	23.76	-1.21	20.15	<=33.01	Pass
			38	23.84	-1.21	20.23	<=33.01	Pass
			74	23.78	-1.21	20.17	<=33.01	Pass
		36	0	22.86	-1.21	19.25	<=33.01	Pass
			18	22.85	-1.21	19.24	<=33.01	Pass
			39	22.83	-1.21	19.22	<=33.01	Pass
		75	0	22.88	-1.21	19.27	<=33.01	Pass
	2562.5	1	0	23.51	-1.21	19.90	<=33.01	Pass
			38	23.61	-1.21	20.00	<=33.01	Pass
			74	23.47	-1.21	19.86	<=33.01	Pass
		36	0	22.61	-1.21	19.00	<=33.01	Pass
			18	22.65	-1.21	19.04	<=33.01	Pass
			39	22.55	-1.21	18.94	<=33.01	Pass
		75	0	22.65	-1.21	19.04	<=33.01	Pass
16QAM	2507.5	1	0	23.30	-1.21	19.69	<=33.01	Pass
			38	23.50	-1.21	19.89	<=33.01	Pass
			74	23.44	-1.21	19.83	<=33.01	Pass
		36	0	21.90	-1.21	18.29	<=33.01	Pass
			18	22.01	-1.21	18.40	<=33.01	Pass
			39	22.04	-1.21	18.43	<=33.01	Pass
		75	0	21.93	-1.21	18.32	<=33.01	Pass
	2535	1	0	23.13	-1.21	19.52	<=33.01	Pass
			38	23.22	-1.21	19.61	<=33.01	Pass
			74	23.17	-1.21	19.56	<=33.01	Pass
		36	0	21.87	-1.21	18.26	<=33.01	Pass
			18	21.88	-1.21	18.27	<=33.01	Pass
			39	21.83	-1.21	18.22	<=33.01	Pass
		75	0	21.86	-1.21	18.25	<=33.01	Pass
	2562.5	1	0	22.77	-1.21	19.16	<=33.01	Pass
			38	22.85	-1.21	19.24	<=33.01	Pass
			74	22.70	-1.21	19.09	<=33.01	Pass
		36	0	21.66	-1.21	18.05	<=33.01	Pass
			18	21.69	-1.21	18.08	<=33.01	Pass
			39	21.58	-1.21	17.97	<=33.01	Pass
		75	0	21.65	-1.21	18.04	<=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	23.72	-1.21	20.11	<=33.01	Pass
			50	23.99	-1.21	20.38	<=33.01	Pass
			99	23.85	-1.21	20.24	<=33.01	Pass
		50	0	22.86	-1.21	19.25	<=33.01	Pass
			25	22.99	-1.21	19.38	<=33.01	Pass
			50	23.01	-1.21	19.40	<=33.01	Pass
		100	0	22.91	-1.21	19.30	<=33.01	Pass
	2535	1	0	23.73	-1.21	20.12	<=33.01	Pass
			50	23.90	-1.21	20.29	<=33.01	Pass
			99	23.75	-1.21	20.14	<=33.01	Pass
		50	0	22.96	-1.21	19.35	<=33.01	Pass
			25	22.92	-1.21	19.31	<=33.01	Pass
			50	22.84	-1.21	19.23	<=33.01	Pass
		100	0	22.86	-1.21	19.25	<=33.01	Pass

	2560	1	0	23.49	-1.21	19.88	<=33.01	Pass
			50	23.65	-1.21	20.04	<=33.01	Pass
			99	23.46	-1.21	19.85	<=33.01	Pass
		50	0	22.65	-1.21	19.04	<=33.01	Pass
			25	22.76	-1.21	19.15	<=33.01	Pass
			50	22.54	-1.21	18.93	<=33.01	Pass
		100	0	22.57	-1.21	18.96	<=33.01	Pass
16QAM	2510	1	0	22.98	-1.21	19.37	<=33.01	Pass
			50	23.25	-1.21	19.64	<=33.01	Pass
			99	23.11	-1.21	19.50	<=33.01	Pass
		50	0	21.87	-1.21	18.26	<=33.01	Pass
			25	22.03	-1.21	18.42	<=33.01	Pass
			50	22.02	-1.21	18.41	<=33.01	Pass
		100	0	21.94	-1.21	18.33	<=33.01	Pass
	2535	1	0	23.03	-1.21	19.42	<=33.01	Pass
			50	23.21	-1.21	19.60	<=33.01	Pass
			99	23.02	-1.21	19.41	<=33.01	Pass
		50	0	21.95	-1.21	18.34	<=33.01	Pass
			25	21.90	-1.21	18.29	<=33.01	Pass
			50	21.81	-1.21	18.20	<=33.01	Pass
		100	0	21.88	-1.21	18.27	<=33.01	Pass
	2560	1	0	23.08	-1.21	19.47	<=33.01	Pass
			50	23.23	-1.21	19.62	<=33.01	Pass
			99	23.05	-1.21	19.44	<=33.01	Pass
		50	0	21.61	-1.21	18.00	<=33.01	Pass
			25	21.73	-1.21	18.12	<=33.01	Pass
			50	21.56	-1.21	17.95	<=33.01	Pass
		100	0	21.57	-1.21	17.96	<=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	-2.503	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.587	-0.0002	-2.5 to 2.5	Pass
					4.43	-1.831	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-2.446	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-5.608	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-3.018	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-4.535	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-2.275	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-2.775	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.589	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-4.721	-0.0019	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-7.095	-0.0028	-2.5 to 2.5	Pass
					3.85	-4.377	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.090	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-1.431	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-2.432	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.688	-0.0007	-2.5 to 2.5	Pass

				0	3.85	0.958	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.358	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-3.147	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-2.804	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-5.665	-0.0022	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-3.576	-0.0014	-2.5 to 2.5	Pass
					3.85	-3.376	-0.0013	-2.5 to 2.5	Pass
					4.43	-4.678	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.819	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-5.522	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-5.679	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-4.349	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-3.204	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-6.108	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-6.180	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-3.219	-0.0013	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	-4.449	-0.0018	-2.5 to 2.5	Pass
					3.85	-9.842	-0.0039	-2.5 to 2.5	Pass
					4.43	-2.947	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-0.987	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-4.249	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-2.389	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-3.777	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-6.723	-0.0027	-2.5 to 2.5	Pass
				30	3.85	0.815	0.0003	-2.5 to 2.5	Pass
				40	3.85	-9.799	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-2.804	-0.0011	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-2.131	-0.0008	-2.5 to 2.5	Pass
					3.85	-3.748	-0.0015	-2.5 to 2.5	Pass
					4.43	-3.848	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-4.907	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-3.662	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				0	3.85	-7.553	-0.0030	-2.5 to 2.5	Pass
				10	3.85	0.987	0.0004	-2.5 to 2.5	Pass
				30	3.85	-5.422	-0.0021	-2.5 to 2.5	Pass
				40	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				50	3.85	-3.963	-0.0016	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-3.262	-0.0013	-2.5 to 2.5	Pass
					3.85	-6.537	-0.0025	-2.5 to 2.5	Pass
					4.43	-1.960	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-4.435	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.548	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	1.945	0.0008	-2.5 to 2.5	Pass
				0	3.85	-8.068	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-0.572	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-2.961	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				50	3.85	2.761	0.0011	-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	-0.572	-0.0002	-2.5 to 2.5	Pass
					3.85	-3.033	-0.0012	-2.5 to 2.5	Pass
					4.43	0.257	0.0001	-2.5 to 2.5	Pass

				-30	3.85	-0.916	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-3.090	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-3.219	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.316	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.531	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-3.433	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-2.403	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.616	-0.0006	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	0.758	0.0003	-2.5 to 2.5	Pass
					3.85	-2.046	-0.0008	-2.5 to 2.5	Pass
					4.43	-2.446	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-2.432	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.702	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.287	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.874	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-2.446	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.974	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.815	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-4.578	-0.0018	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-1.130	-0.0004	-2.5 to 2.5	Pass
					3.85	-1.874	-0.0007	-2.5 to 2.5	Pass
					4.43	-2.875	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.074	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.059	0.0004	-2.5 to 2.5	Pass
				-10	3.85	1.903	0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.715	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.745	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.887	-0.0003	-2.5 to 2.5	Pass
				40	3.85	0.744	0.0003	-2.5 to 2.5	Pass
				50	3.85	-3.819	-0.0015	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.27	-1.001	-0.0004	-2.5 to 2.5	Pass
					3.85	-2.432	-0.0010	-2.5 to 2.5	Pass
					4.43	-0.358	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.901	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	3.176	0.0013	-2.5 to 2.5	Pass
				-10	3.85	-1.316	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.373	-0.0005	-2.5 to 2.5	Pass
				10	3.85	0.501	0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.345	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-1.473	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-1.101	-0.0004	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-3.247	-0.0013	-2.5 to 2.5	Pass
					3.85	-3.090	-0.0012	-2.5 to 2.5	Pass
					4.43	-4.048	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-1.516	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-2.832	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.672	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-4.034	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.187	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.016	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.731	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-2.975	-0.0012	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-1.760	-0.0007	-2.5 to 2.5	Pass
					3.85	-3.076	-0.0012	-2.5 to 2.5	Pass
					4.43	-2.003	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-3.963	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-3.548	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-4.849	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-2.947	-0.0011	-2.5 to 2.5	Pass

				10	3.85	-0.844	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.758	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.845	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-3.791	-0.0015	-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	-3.376	-0.0013	-2.5 to 2.5	Pass
					3.85	-1.473	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.744	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.016	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.873	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.315	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.302	-0.0005	-2.5 to 2.5	Pass
				30	3.85	0.887	0.0004	-2.5 to 2.5	Pass
				40	3.85	-4.435	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-1.116	-0.0004	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-2.561	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.43	-2.217	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.930	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-2.346	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-2.403	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-4.449	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-3.576	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-3.533	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-3.676	-0.0015	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	-2.446	-0.0010	-2.5 to 2.5	Pass
					3.85	-6.037	-0.0024	-2.5 to 2.5	Pass
					4.43	-3.119	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-3.304	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-2.832	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-5.393	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-3.362	-0.0013	-2.5 to 2.5	Pass
				10	3.85	0.944	0.0004	-2.5 to 2.5	Pass
				30	3.85	-3.877	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.303	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.802	-0.0007	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.27	-0.529	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.502	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.101	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-2.861	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-2.260	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-2.146	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.388	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-2.089	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.760	-0.0007	-2.5 to 2.5	Pass
				50	3.85	0.443	0.0002	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-5.007	-0.0020	-2.5 to 2.5	Pass
					3.85	-4.106	-0.0016	-2.5 to 2.5	Pass
					4.43	-3.676	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.403	-0.0009	-2.5 to 2.5	Pass

				-20	3.85	-1.287	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-4.549	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.702	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.744	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-3.762	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-3.877	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.917	-0.0008	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	0.086	0.0000	-2.5 to 2.5	Pass
					3.85	0.401	0.0002	-2.5 to 2.5	Pass
					4.43	-2.718	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.629	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-3.061	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	1.259	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.615	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-3.304	-0.0013	-2.5 to 2.5	Pass
				50	3.85	0.930	0.0004	-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	0.100	0.0000	-2.5 to 2.5	Pass
					3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.916	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.473	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-3.133	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.990	-0.0012	-2.5 to 2.5	Pass
				0	3.85	0.329	0.0001	-2.5 to 2.5	Pass
				10	3.85	-4.663	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.346	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-2.403	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.772	-0.0003	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-7.052	-0.0028	-2.5 to 2.5	Pass
					3.85	-6.123	-0.0024	-2.5 to 2.5	Pass
					4.43	-2.747	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-3.819	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-3.262	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-2.389	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.802	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.658	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-2.303	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-1.945	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-6.251	-0.0025	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-5.651	-0.0022	-2.5 to 2.5	Pass
					3.85	-3.490	-0.0014	-2.5 to 2.5	Pass
					4.43	-3.920	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-6.881	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-8.225	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-4.234	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-3.576	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-4.907	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-6.909	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-5.336	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-4.807	-0.0019	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.27	-0.315	-0.0001	-2.5 to 2.5	Pass

					3.85	-3.819	-0.0015	-2.5 to 2.5	Pass
					4.43	1.431	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-1.945	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-4.020	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.017	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.688	-0.0007	-2.5 to 2.5	Pass
				40	3.85	0.114	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.029	0.0000	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-1.087	-0.0004	-2.5 to 2.5	Pass
					3.85	-6.022	-0.0024	-2.5 to 2.5	Pass
					4.43	-4.148	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-4.106	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-1.245	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-3.605	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-5.908	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-0.930	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-3.376	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-4.277	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-2.847	-0.0011	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-2.947	-0.0012	-2.5 to 2.5	Pass
					3.85	-1.388	-0.0005	-2.5 to 2.5	Pass
					4.43	-3.333	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-3.548	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-7.482	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-4.821	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-3.877	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-6.108	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.661	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-3.548	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-6.180	-0.0024	-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

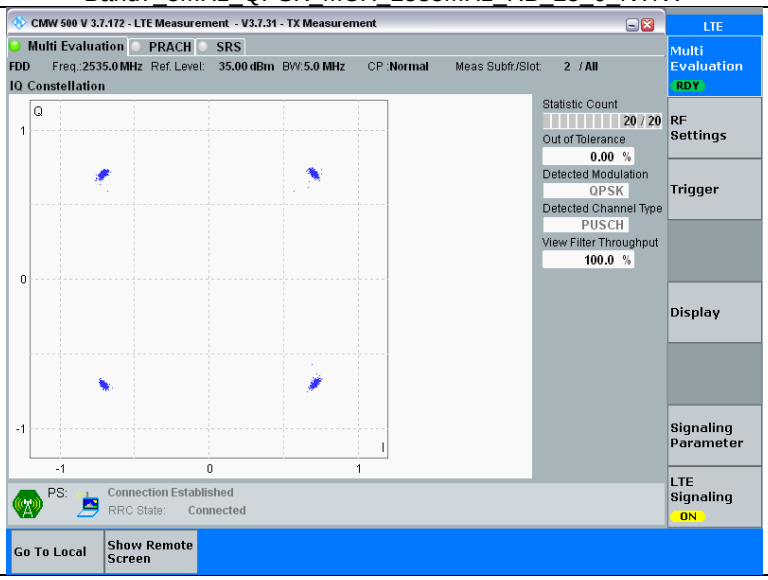
3.1.4 B7_20MHz

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

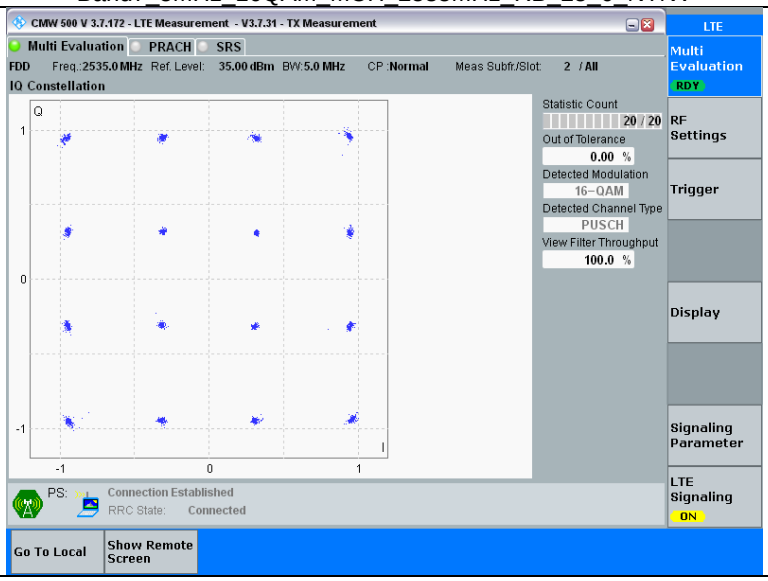
3.2 Test Graph

3.2.1 B7_5MHz

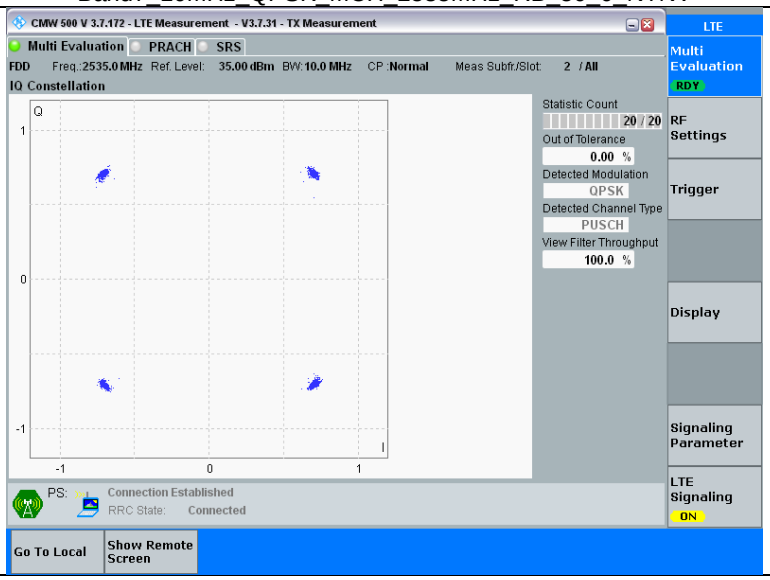
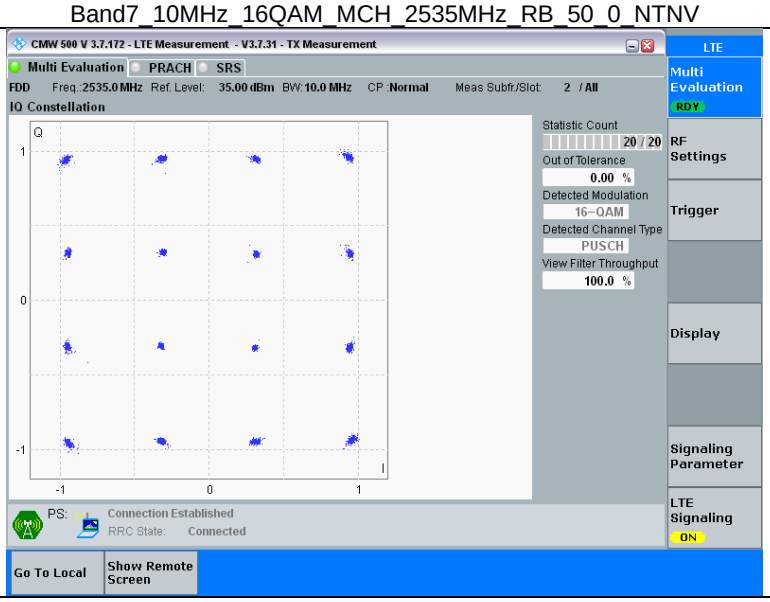
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



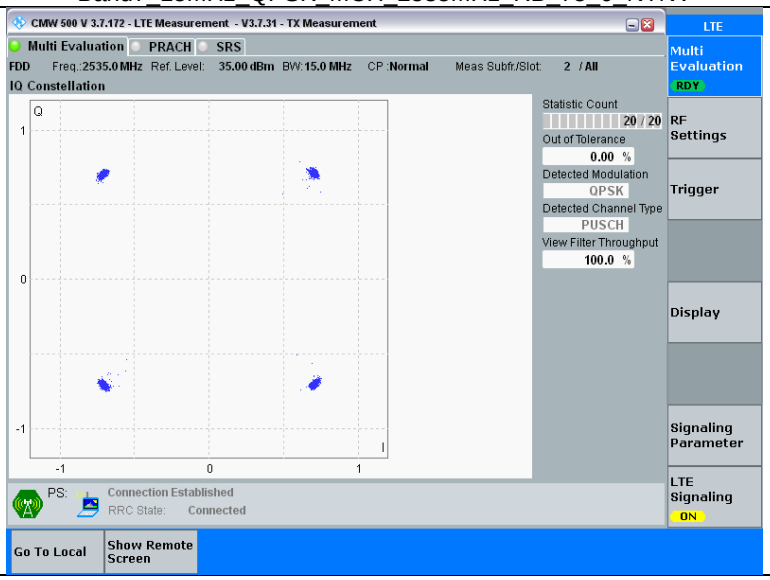
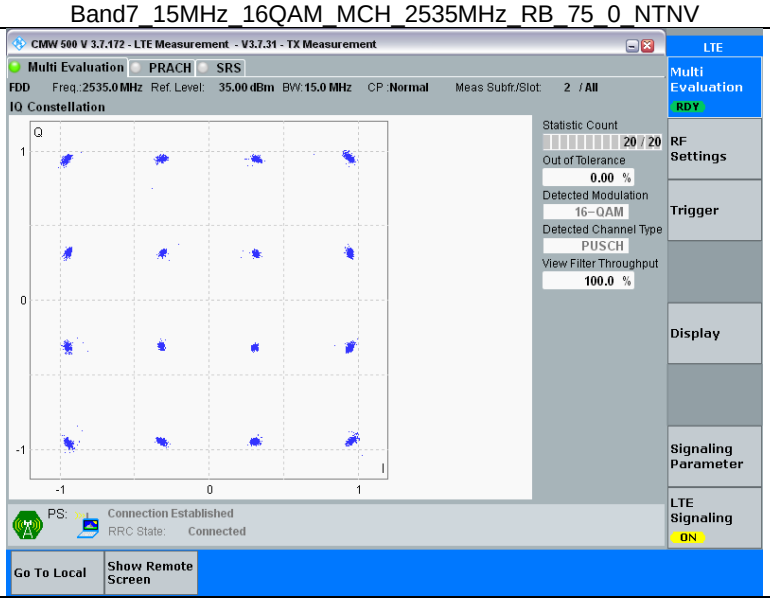
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



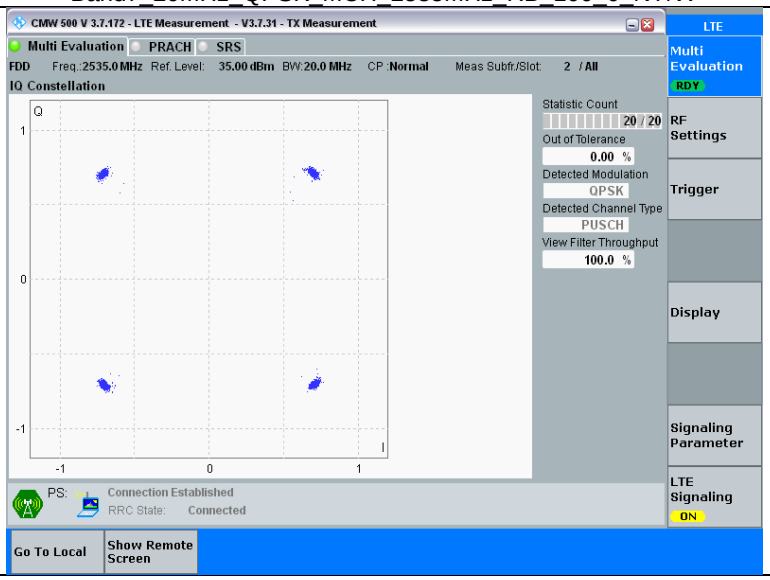
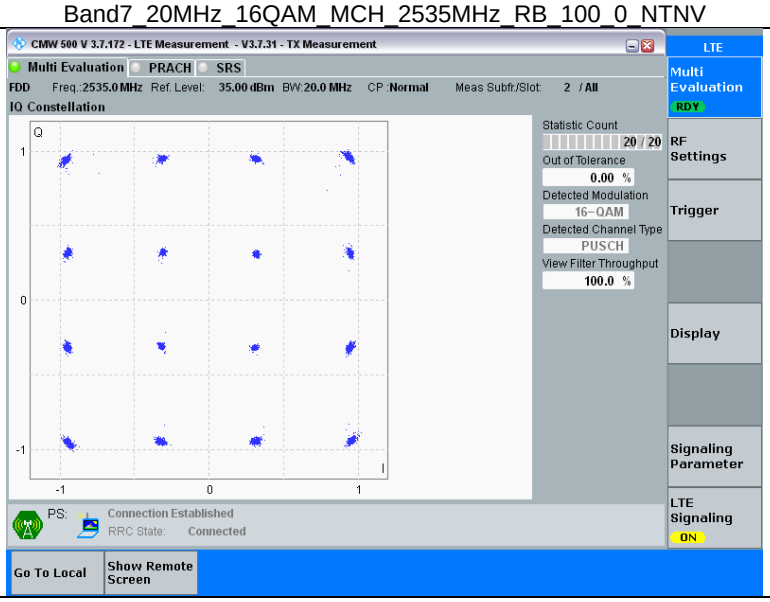
3.2.2 B7_10MHz

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	4.541	/	Pass
		2535	25	0	4.551	/	Pass
		2567.5	25	0	4.558	/	Pass
	16QAM	2502.5	25	0	4.549	/	Pass
		2535	25	0	4.564	/	Pass
		2567.5	25	0	4.534	/	Pass
10	QPSK	2505	50	0	9.063	/	Pass
		2535	50	0	9.073	/	Pass
		2565	50	0	9.053	/	Pass
	16QAM	2505	50	0	9.051	/	Pass
		2535	50	0	9.026	/	Pass
		2565	50	0	9.047	/	Pass
15	QPSK	2507.5	75	0	13.560	/	Pass
		2535	75	0	13.579	/	Pass
		2562.5	75	0	13.566	/	Pass
	16QAM	2507.5	75	0	13.584	/	Pass
		2535	75	0	13.613	/	Pass
		2562.5	75	0	13.586	/	Pass
20	QPSK	2510	100	0	18.015	/	Pass
		2535	100	0	18.056	/	Pass
		2560	100	0	18.095	/	Pass
	16QAM	2510	100	0	18.031	/	Pass
		2535	100	0	18.117	/	Pass
		2560	100	0	18.014	/	Pass

4.1.2 Band7_XDB

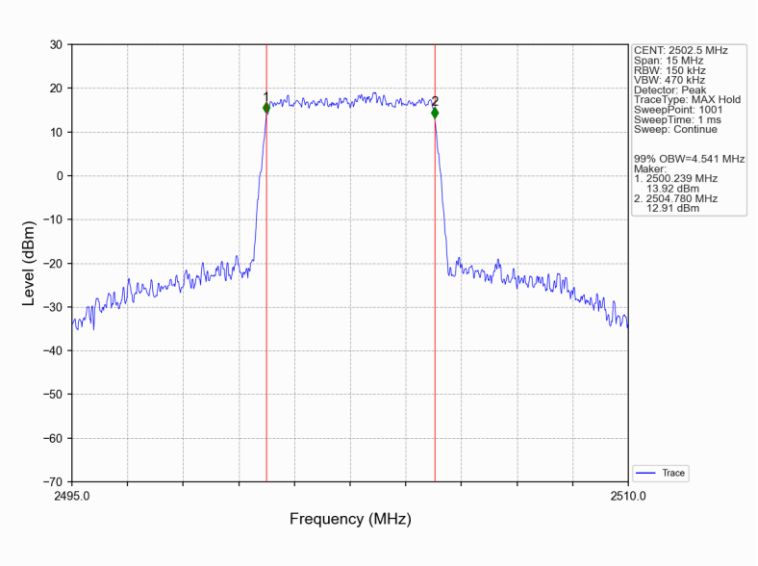
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.020	/	Pass
		2535	25	0	4.993	/	Pass
		2567.5	25	0	4.976	/	Pass
	16QAM	2502.5	25	0	5.032	/	Pass
		2535	25	0	4.988	/	Pass
		2567.5	25	0	4.986	/	Pass
10	QPSK	2505	50	0	9.933	/	Pass
		2535	50	0	9.951	/	Pass
		2565	50	0	9.877	/	Pass
	16QAM	2505	50	0	9.871	/	Pass
		2535	50	0	9.934	/	Pass
		2565	50	0	9.897	/	Pass
15	QPSK	2507.5	75	0	15.262	/	Pass
		2535	75	0	14.798	/	Pass
		2562.5	75	0	14.816	/	Pass

	16QAM	2507.5	75	0	14.848	/	Pass
		2535	75	0	14.834	/	Pass
		2562.5	75	0	14.856	/	Pass
20	QPSK	2510	100	0	19.631	/	Pass
		2535	100	0	19.735	/	Pass
		2560	100	0	19.718	/	Pass
	16QAM	2510	100	0	19.753	/	Pass
		2535	100	0	19.652	/	Pass
		2560	100	0	19.577	/	Pass

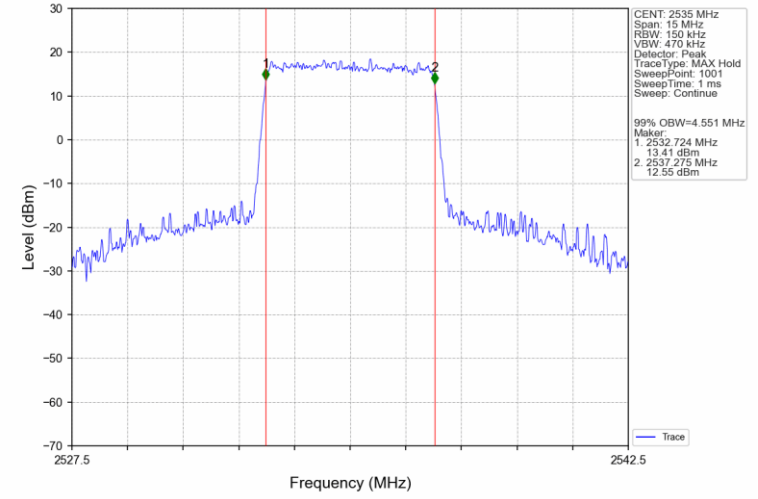
4.2 Test Graph

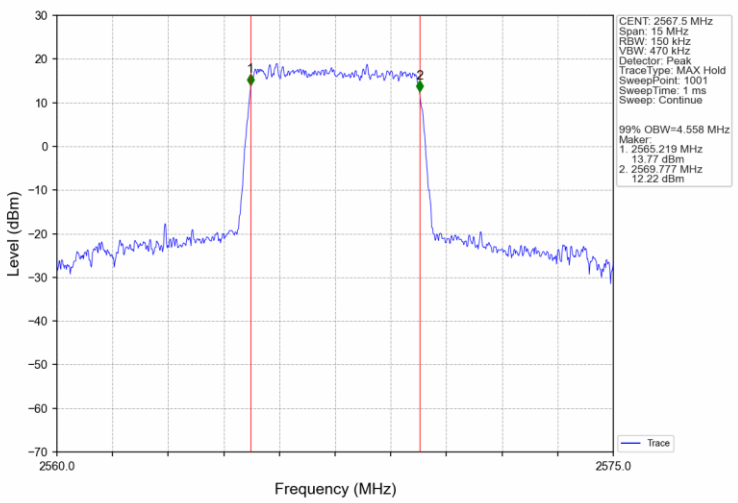
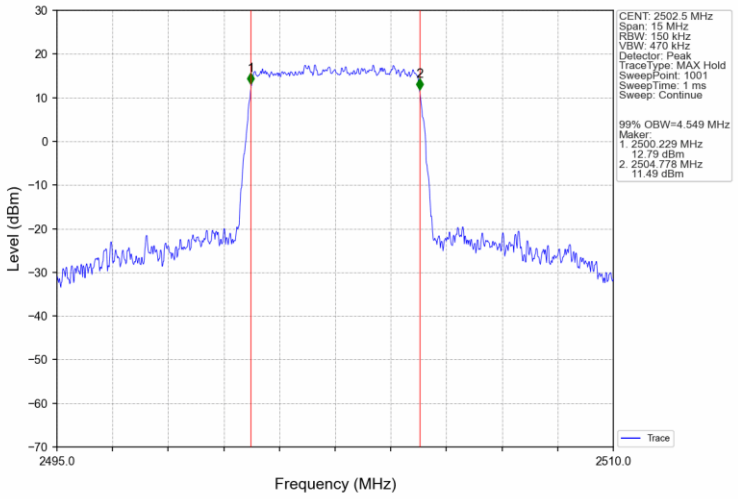
4.2.1 Band7_OBW

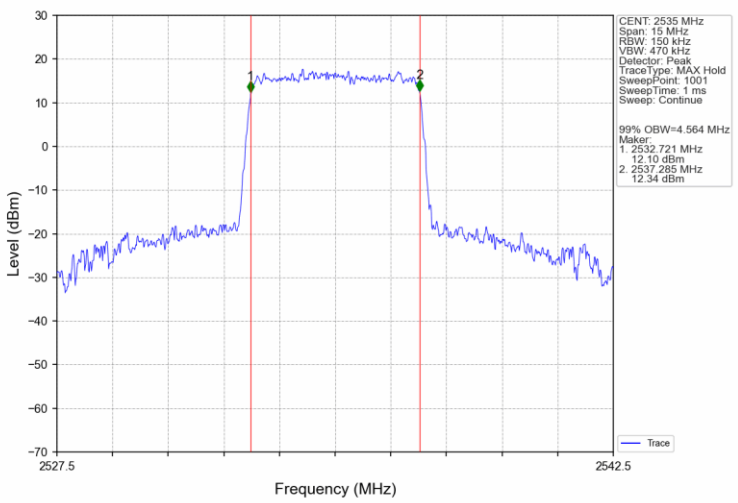
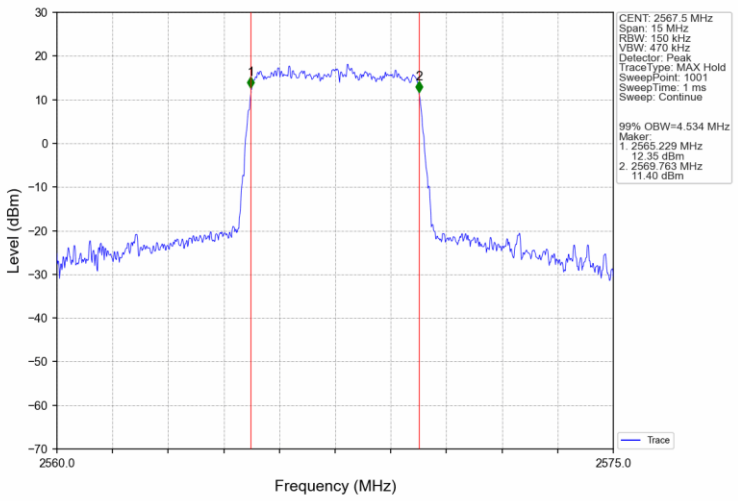
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



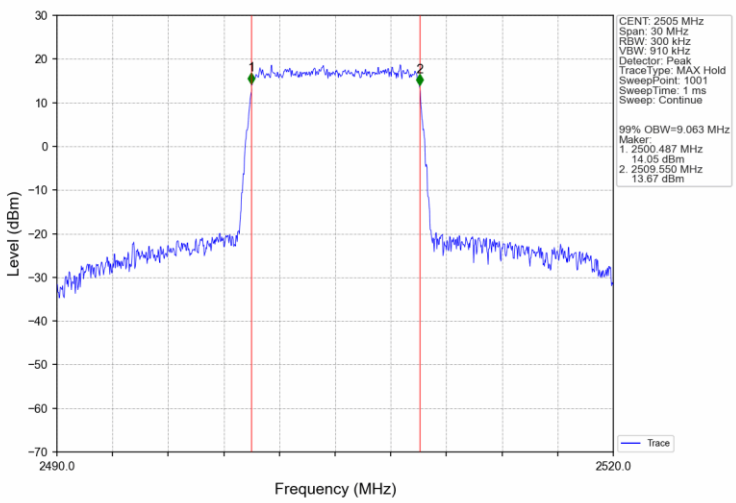
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



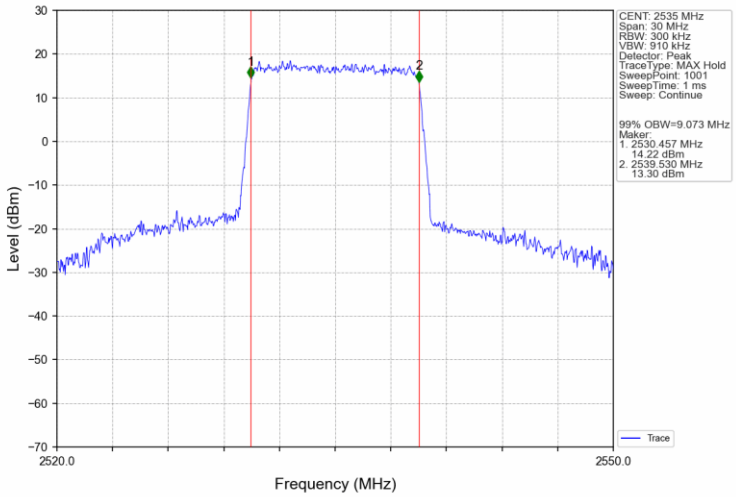
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV

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


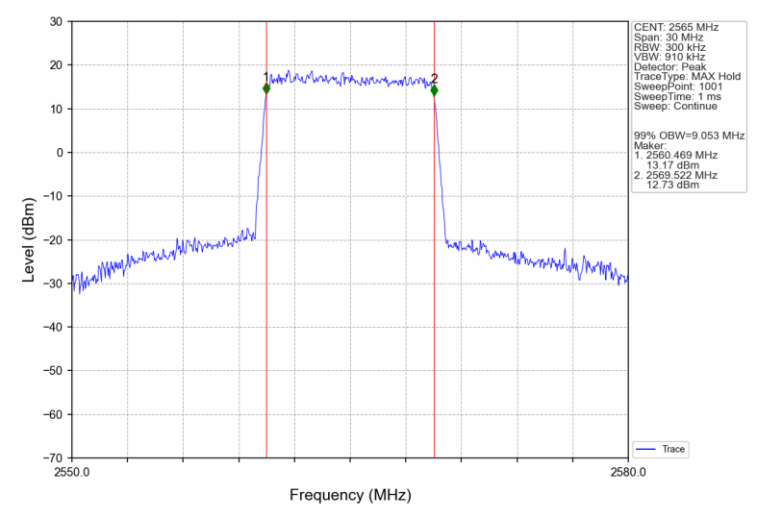
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



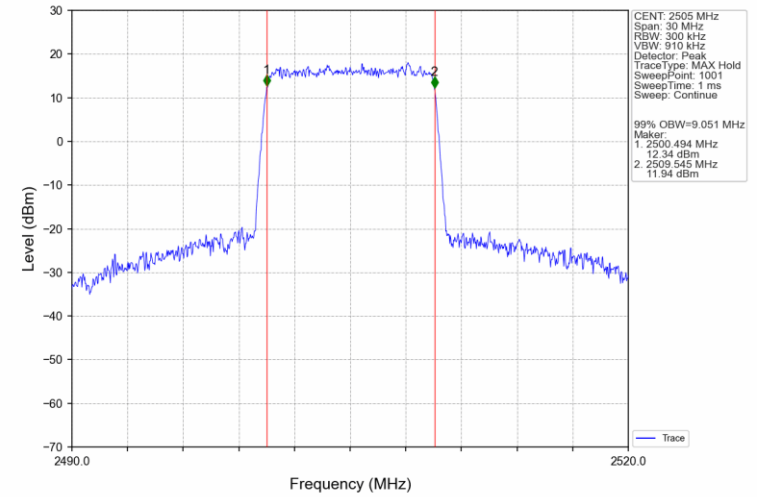
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV

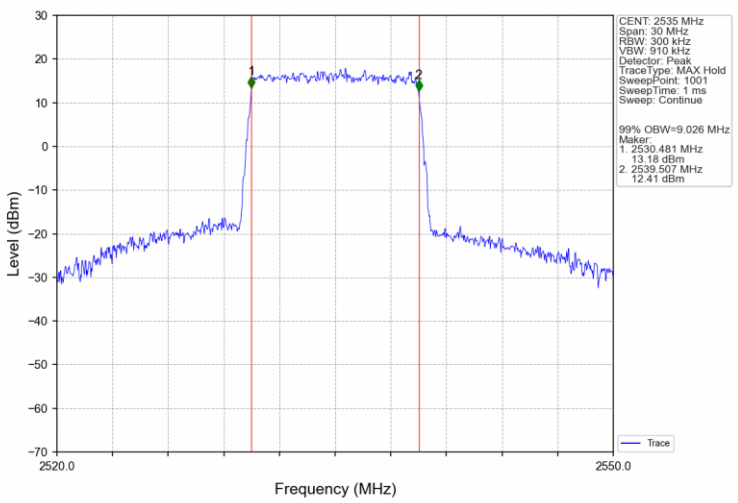
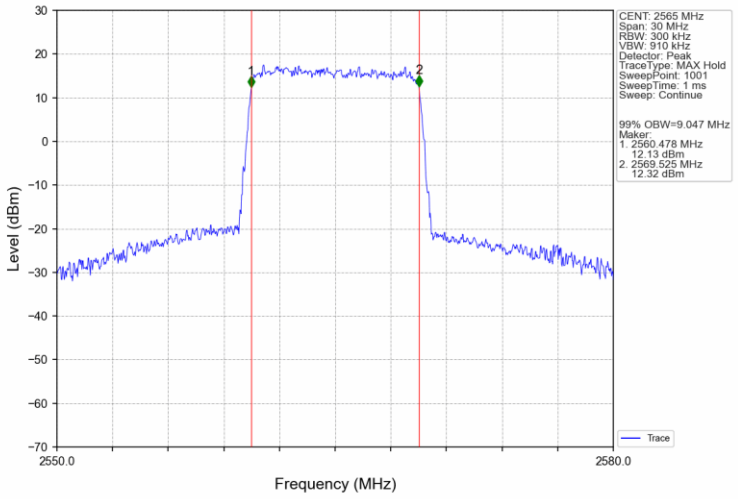


Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV

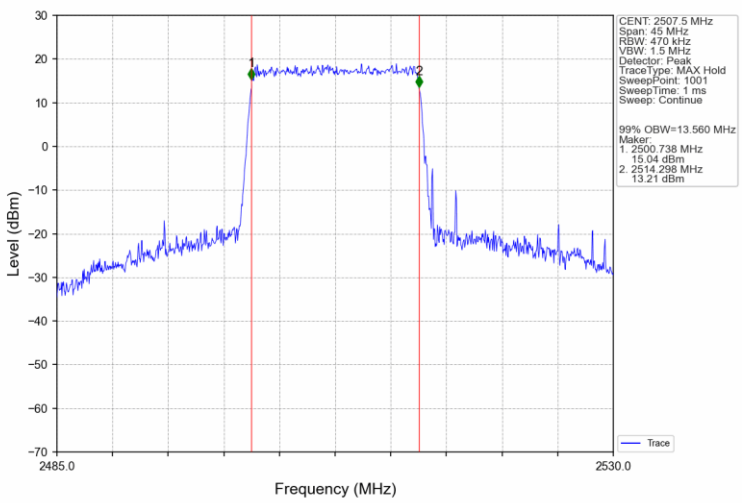


Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV

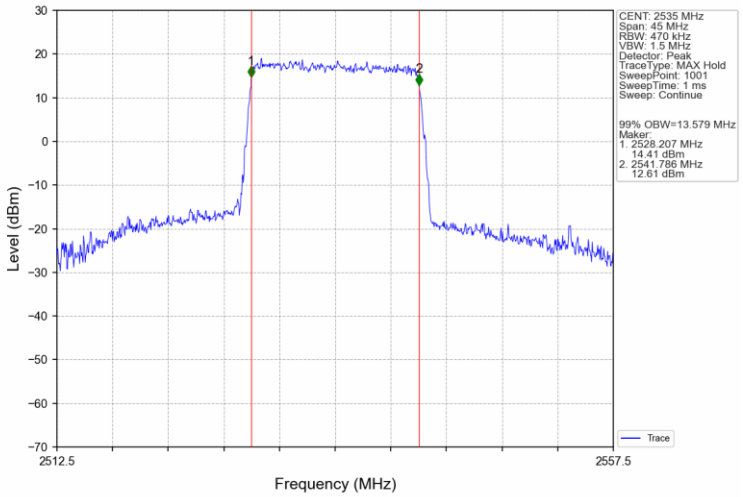


Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV

Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV


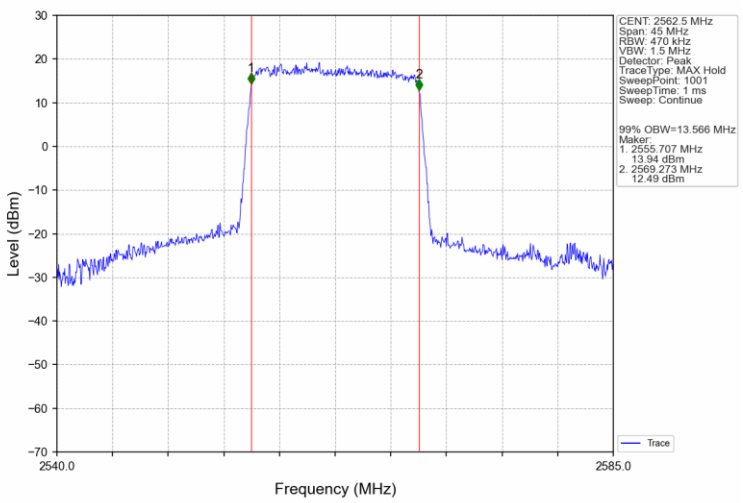
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



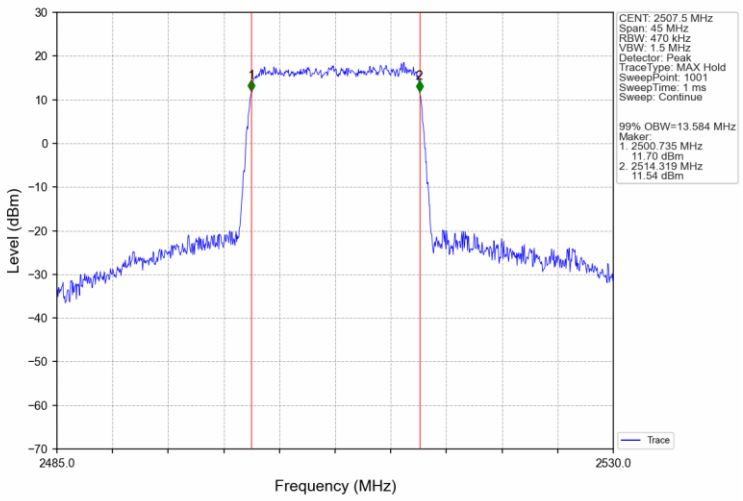
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV

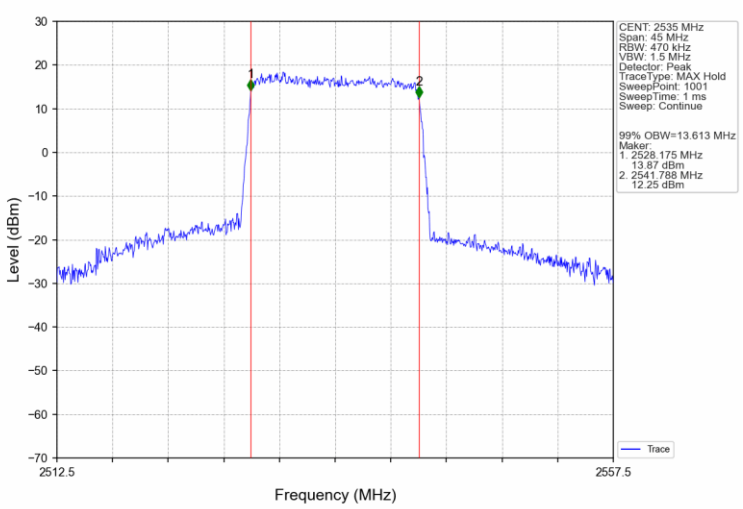
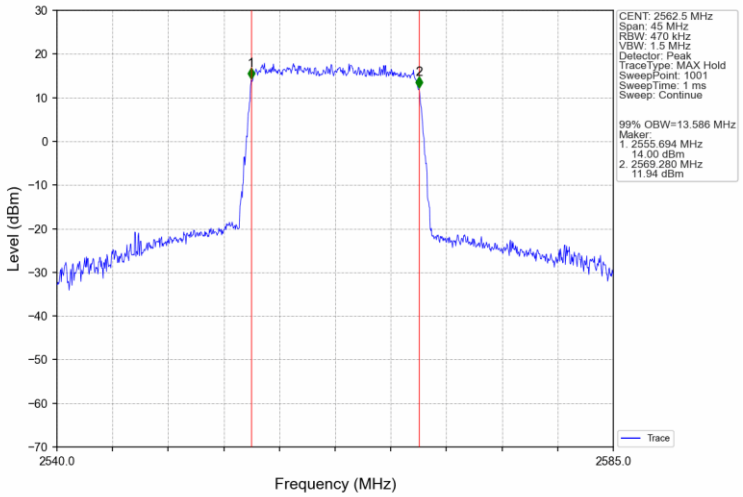


Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV

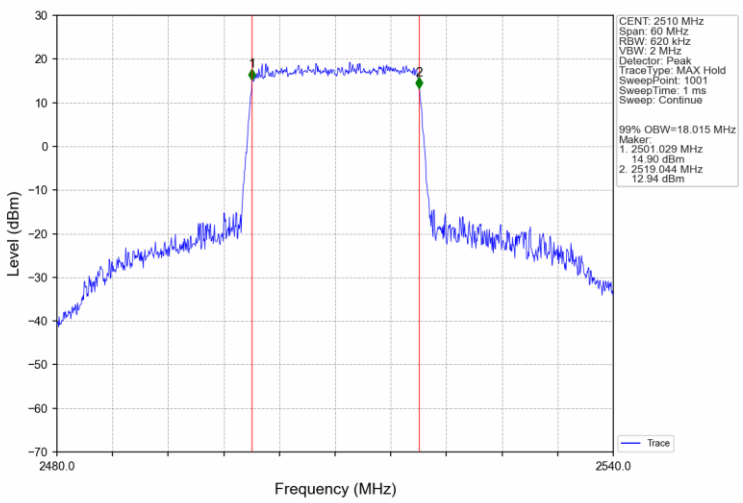


Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV

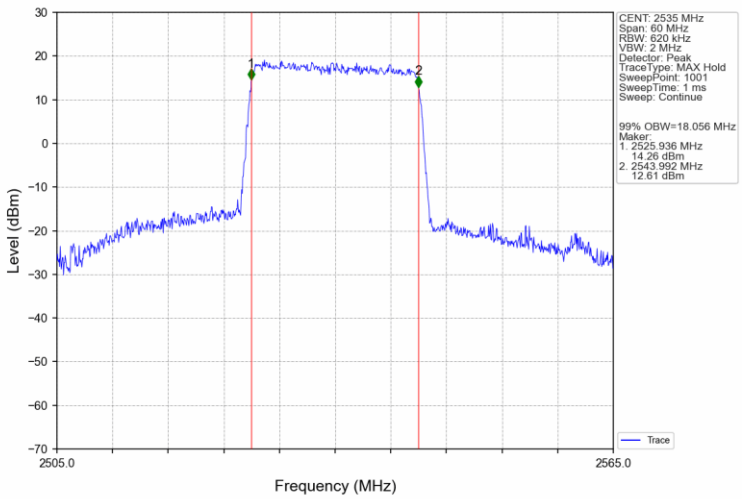


Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV

Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV


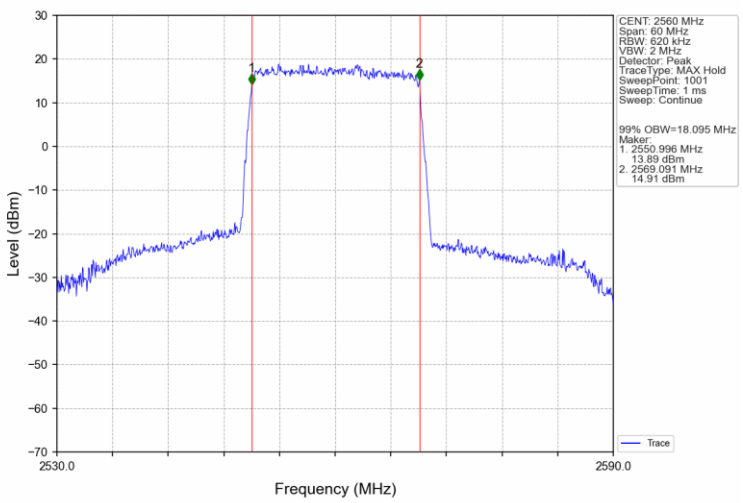
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



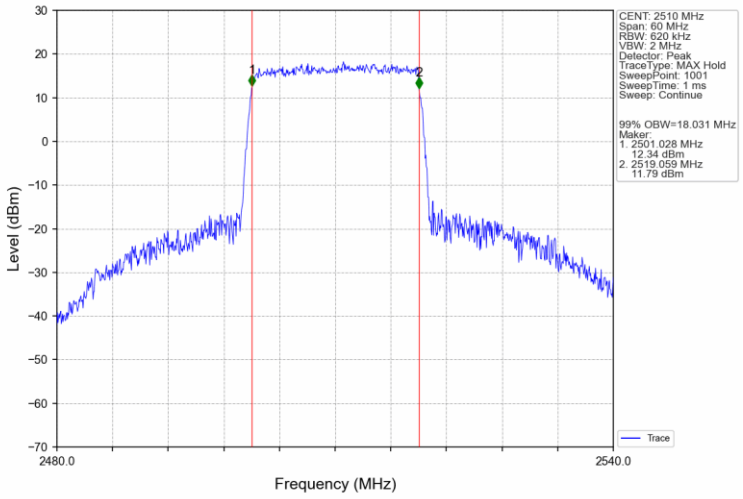
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



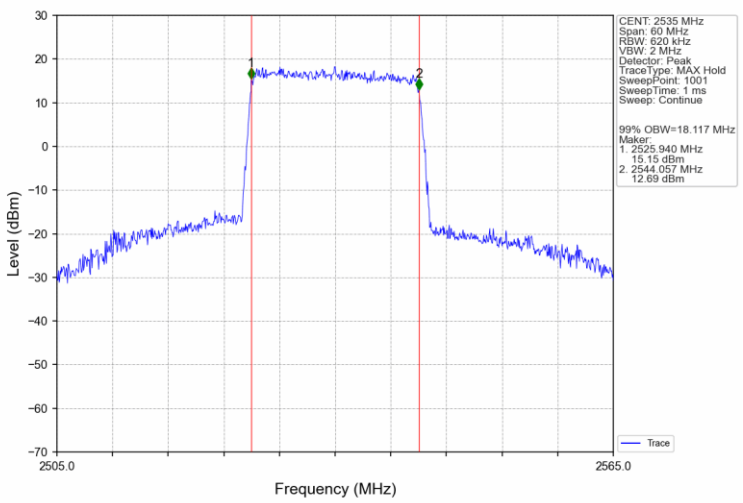
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



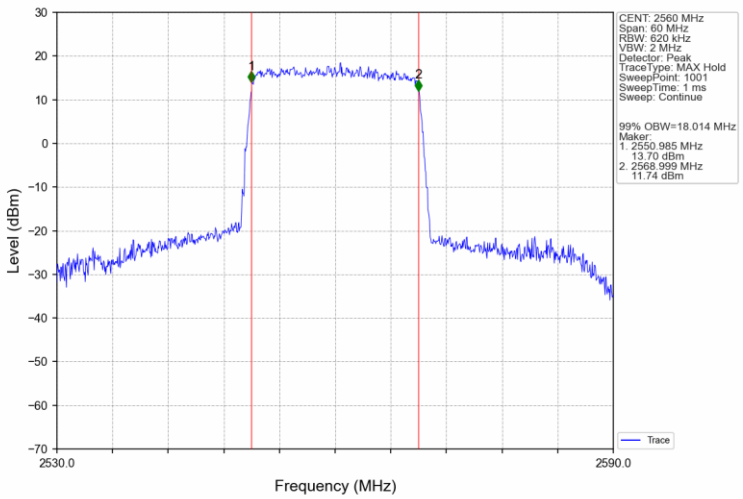
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV

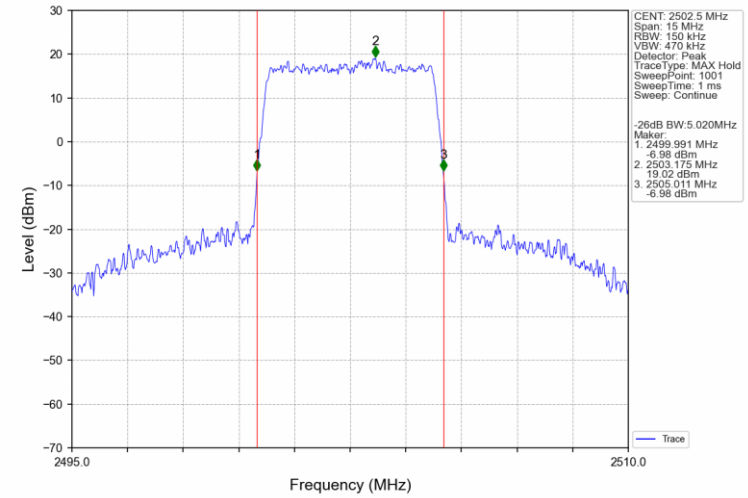


Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV

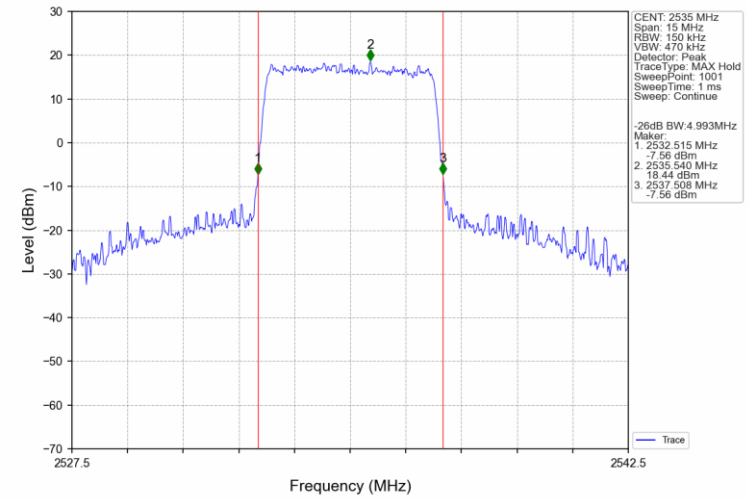


4.2.2 Band7_XDB

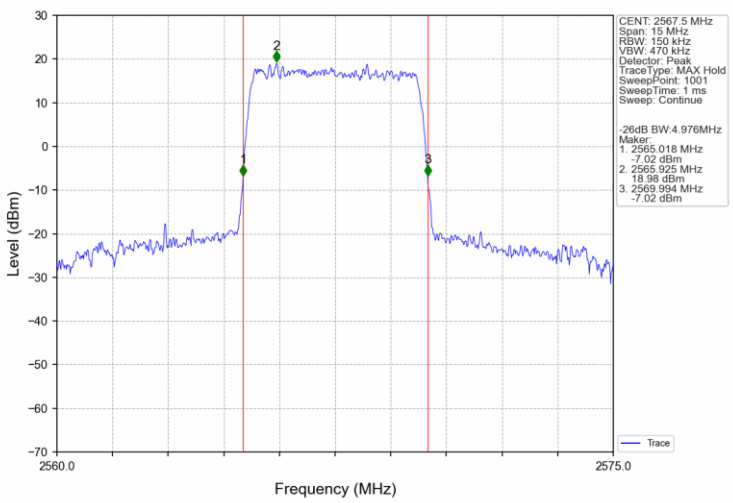
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



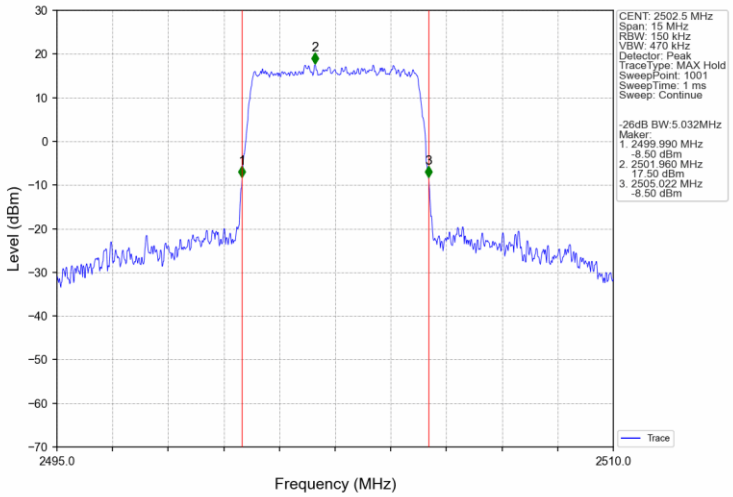
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



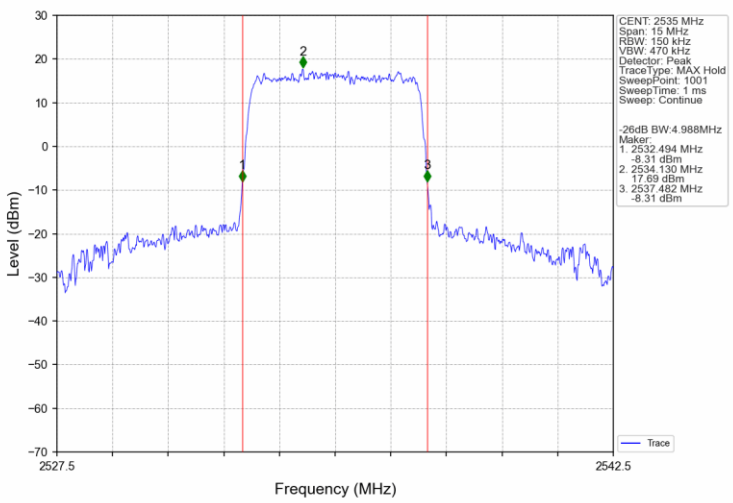
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



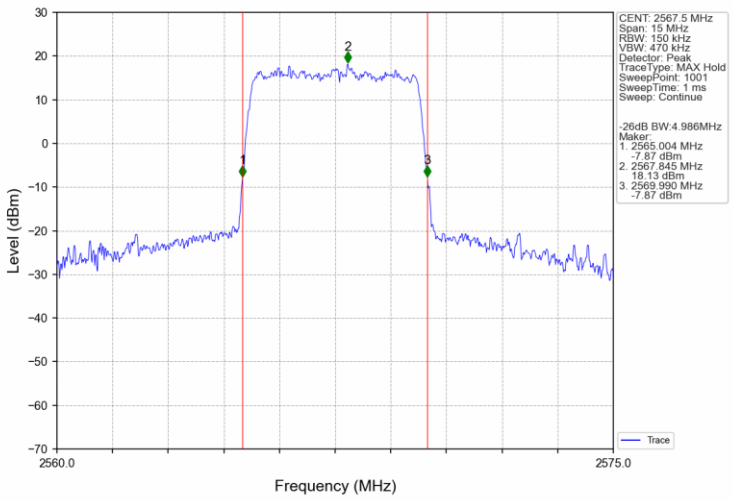
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



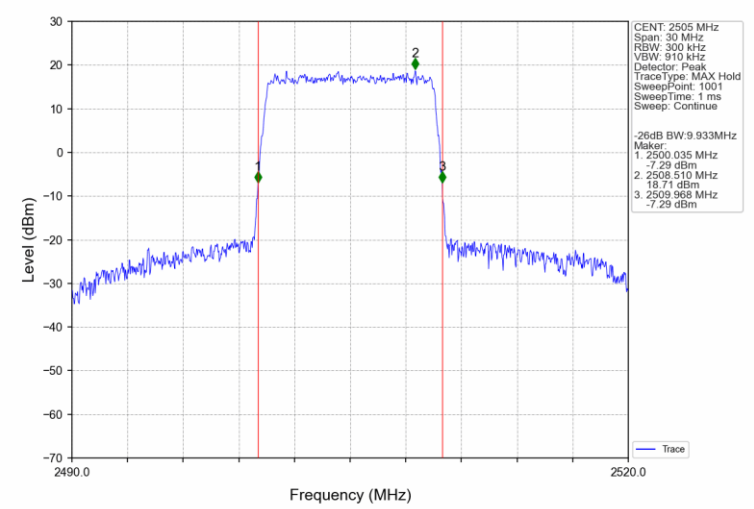
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



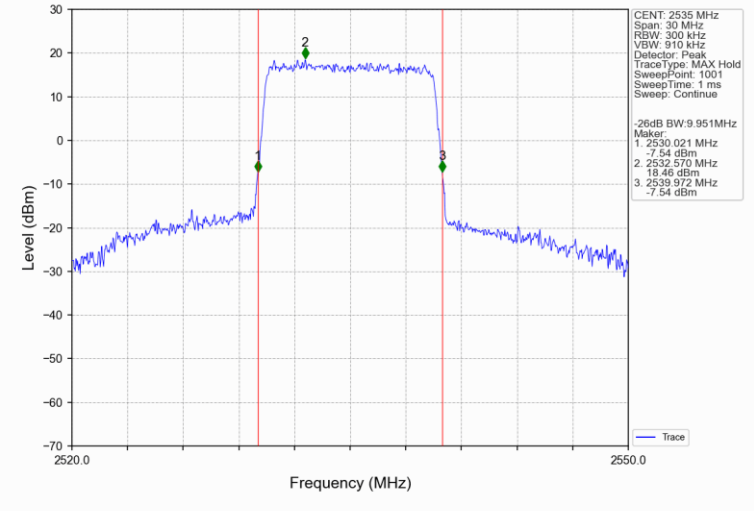
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



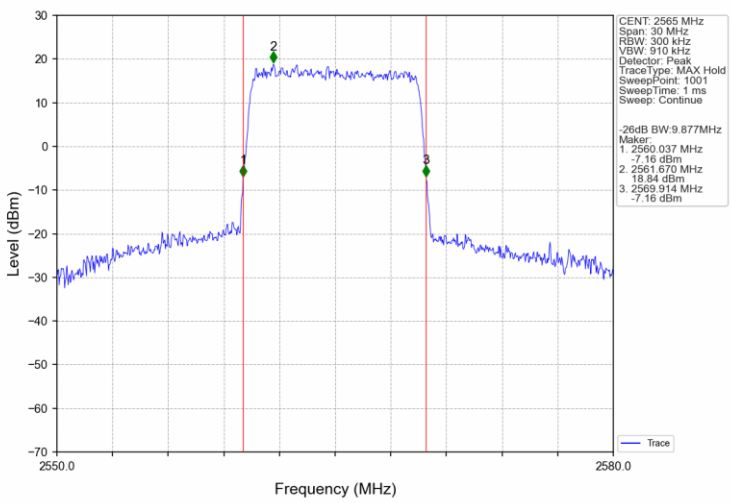
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



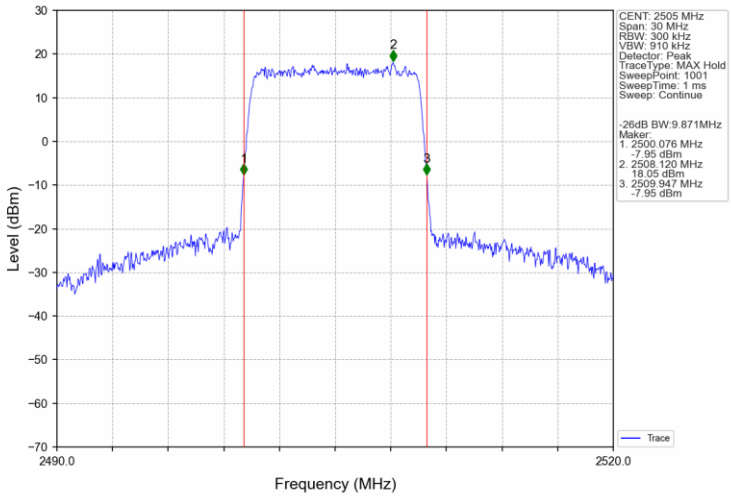
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



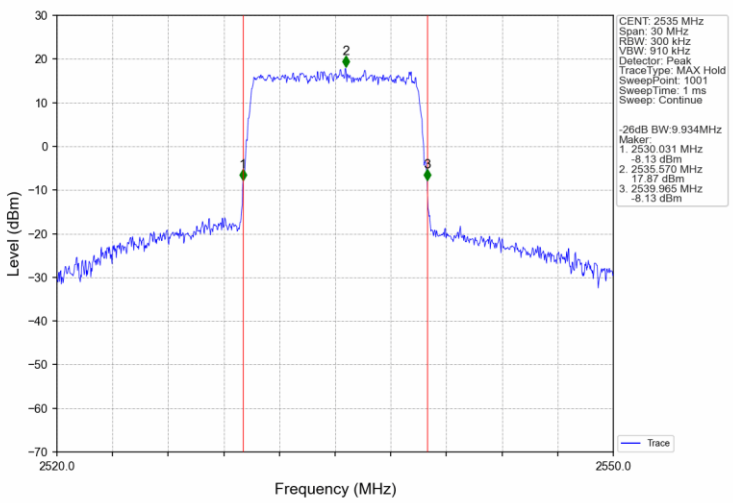
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



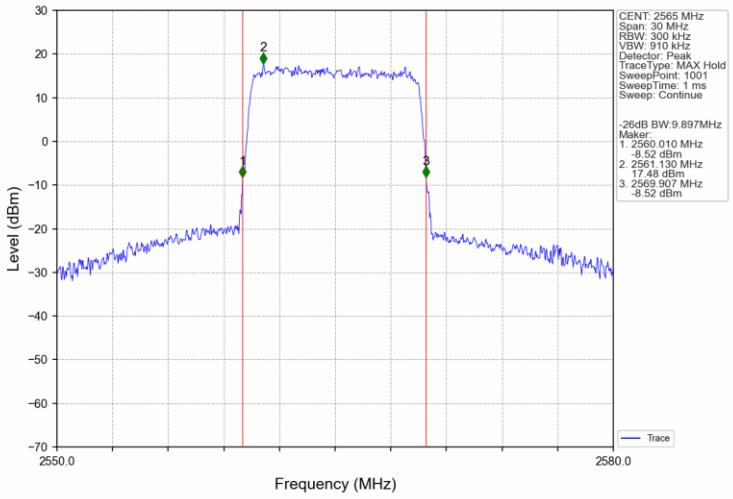
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



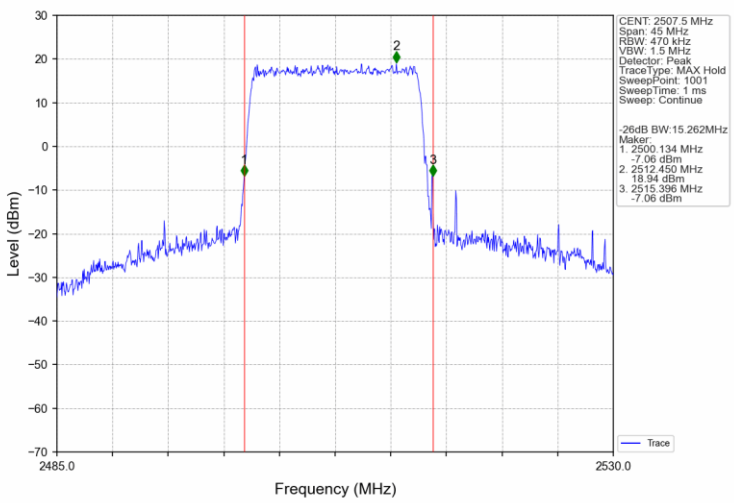
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



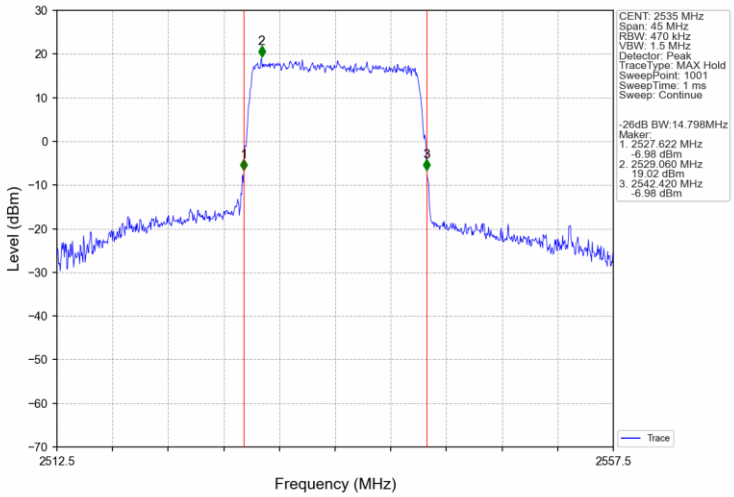
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



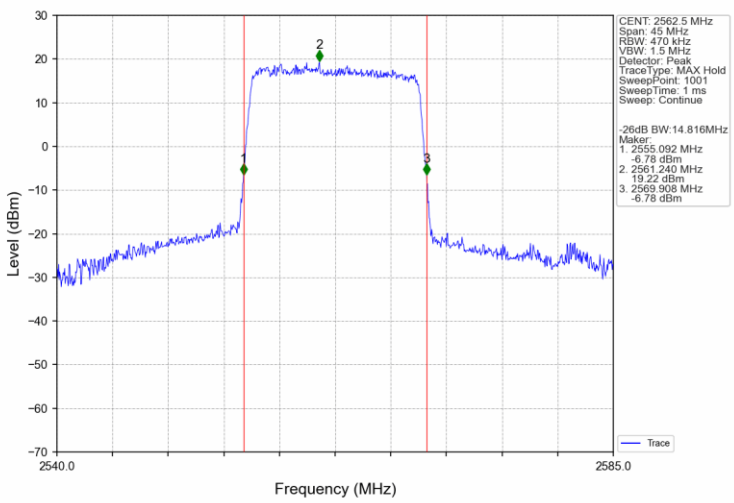
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



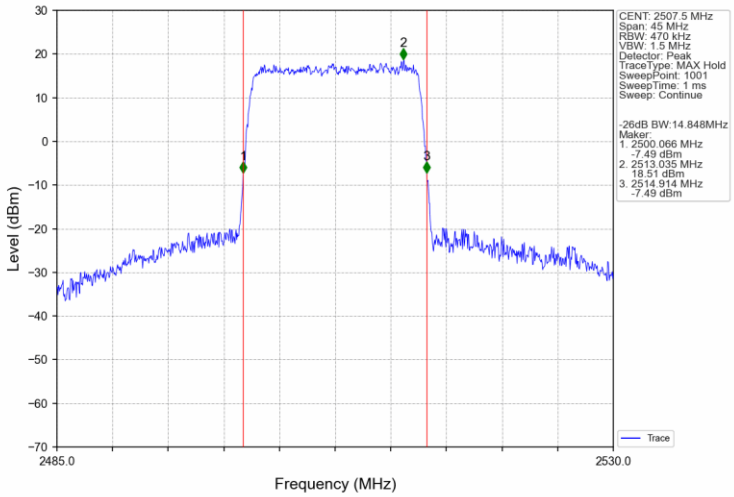
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV

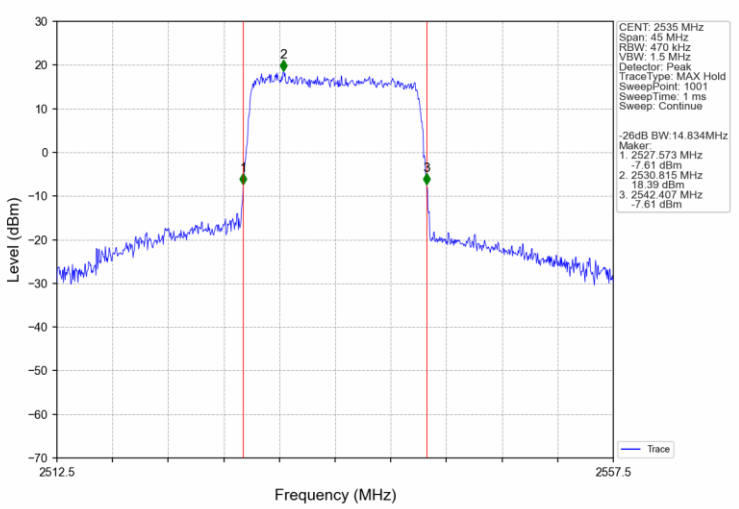
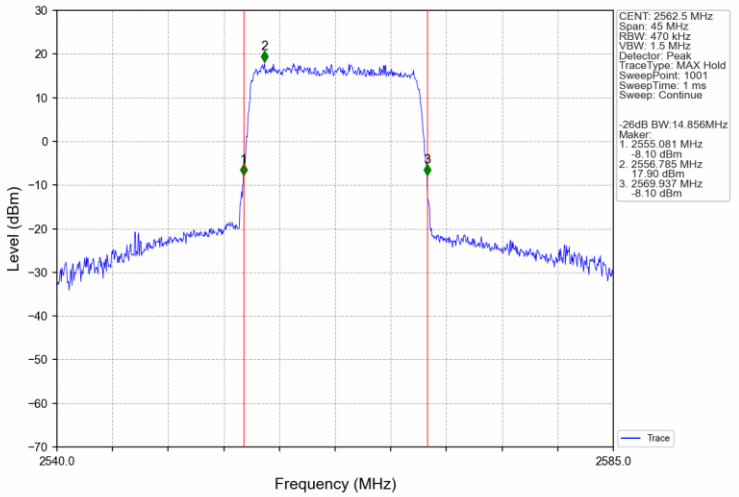


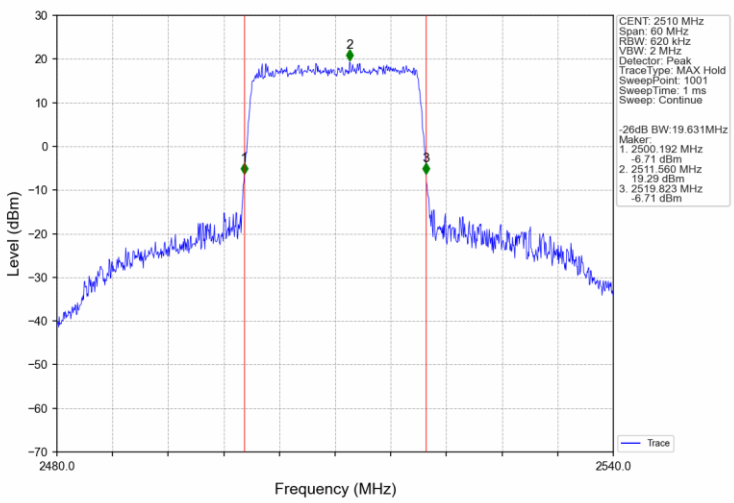
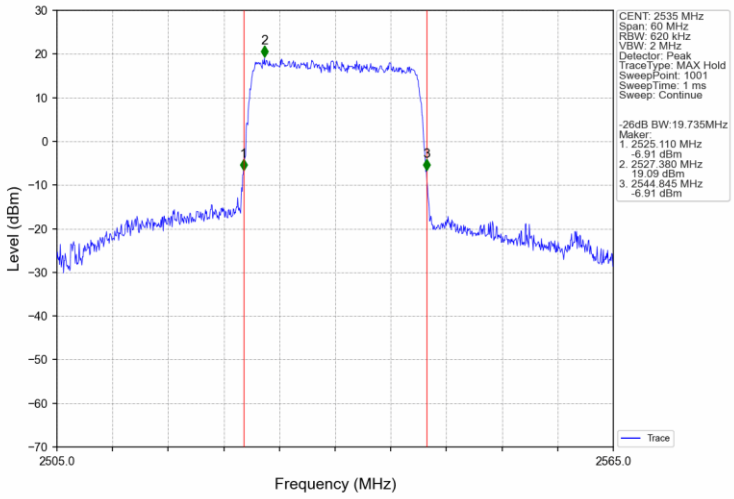
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



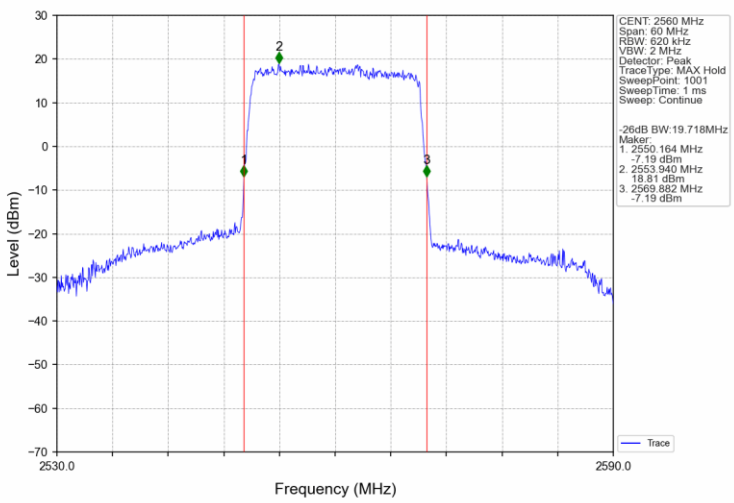
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



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