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	22.60	1.39	23.99	<=33.01	Pass
			13	22.75	1.39	24.14	<=33.01	Pass
			24	22.69	1.39	24.08	<=33.01	Pass
		12	0	21.69	1.39	23.08	<=33.01	Pass
			6	21.77	1.39	23.16	<=33.01	Pass
			13	21.64	1.39	23.03	<=33.01	Pass
		25	0	21.70	1.39	23.09	<=33.01	Pass
	2535	1	0	22.91	1.39	24.30	<=33.01	Pass
			13	23.08	1.39	24.47	<=33.01	Pass
			24	22.98	1.39	24.37	<=33.01	Pass
		12	0	21.97	1.39	23.36	<=33.01	Pass
			6	22.02	1.39	23.41	<=33.01	Pass
			13	21.99	1.39	23.38	<=33.01	Pass
		25	0	22.00	1.39	23.39	<=33.01	Pass
	2567.5	1	0	23.15	1.39	24.54	<=33.01	Pass
			13	23.34	1.39	24.73	<=33.01	Pass
			24	23.22	1.39	24.61	<=33.01	Pass
		12	0	22.16	1.39	23.55	<=33.01	Pass
			6	22.21	1.39	23.60	<=33.01	Pass
			13	22.15	1.39	23.54	<=33.01	Pass
		25	0	22.13	1.39	23.52	<=33.01	Pass
16QAM	2502.5	1	0	21.69	1.39	23.08	<=33.01	Pass
			13	21.89	1.39	23.28	<=33.01	Pass
			24	21.82	1.39	23.21	<=33.01	Pass
		12	0	20.68	1.39	22.07	<=33.01	Pass
			6	20.77	1.39	22.16	<=33.01	Pass
			13	20.69	1.39	22.08	<=33.01	Pass
		25	0	20.77	1.39	22.16	<=33.01	Pass
	2535	1	0	22.15	1.39	23.54	<=33.01	Pass
			13	22.30	1.39	23.69	<=33.01	Pass
			24	22.23	1.39	23.62	<=33.01	Pass
		12	0	21.07	1.39	22.46	<=33.01	Pass
			6	21.13	1.39	22.52	<=33.01	Pass
			13	21.04	1.39	22.43	<=33.01	Pass
		25	0	21.04	1.39	22.43	<=33.01	Pass
	2567.5	1	0	21.92	1.39	23.31	<=33.01	Pass
			13	22.04	1.39	23.43	<=33.01	Pass
			24	21.94	1.39	23.33	<=33.01	Pass
		12	0	21.16	1.39	22.55	<=33.01	Pass
			6	21.20	1.39	22.59	<=33.01	Pass
			13	21.13	1.39	22.52	<=33.01	Pass
		25	0	21.17	1.39	22.56	<=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	22.70	1.39	24.09	<=33.01	Pass
			25	22.86	1.39	24.25	<=33.01	Pass
			49	22.91	1.39	24.30	<=33.01	Pass
		25	0	21.78	1.39	23.17	<=33.01	Pass
			13	21.81	1.39	23.20	<=33.01	Pass
			25	21.86	1.39	23.25	<=33.01	Pass
		50	0	21.84	1.39	23.23	<=33.01	Pass
	2535	1	0	22.98	1.39	24.37	<=33.01	Pass
			25	23.06	1.39	24.45	<=33.01	Pass
			49	23.08	1.39	24.47	<=33.01	Pass
		25	0	22.04	1.39	23.43	<=33.01	Pass
			13	22.06	1.39	23.45	<=33.01	Pass
			25	22.01	1.39	23.40	<=33.01	Pass
		50	0	22.03	1.39	23.42	<=33.01	Pass
	2565	1	0	23.23	1.39	24.62	<=33.01	Pass
			25	23.33	1.39	24.72	<=33.01	Pass
			49	23.37	1.39	24.76	<=33.01	Pass
		25	0	22.13	1.39	23.52	<=33.01	Pass
			13	22.22	1.39	23.61	<=33.01	Pass
			25	22.16	1.39	23.55	<=33.01	Pass
		50	0	22.17	1.39	23.56	<=33.01	Pass
16QAM	2505	1	0	21.71	1.39	23.10	<=33.01	Pass
			25	21.88	1.39	23.27	<=33.01	Pass
			49	21.87	1.39	23.26	<=33.01	Pass
		25	0	20.87	1.39	22.26	<=33.01	Pass
			13	20.93	1.39	22.32	<=33.01	Pass
			25	20.93	1.39	22.32	<=33.01	Pass
		50	0	20.83	1.39	22.22	<=33.01	Pass
	2535	1	0	22.14	1.39	23.53	<=33.01	Pass
			25	22.21	1.39	23.60	<=33.01	Pass
			49	22.24	1.39	23.63	<=33.01	Pass
		25	0	21.15	1.39	22.54	<=33.01	Pass
			13	21.14	1.39	22.53	<=33.01	Pass
			25	21.07	1.39	22.46	<=33.01	Pass
		50	0	21.06	1.39	22.45	<=33.01	Pass
	2565	1	0	22.59	1.39	23.98	<=33.01	Pass
			25	22.64	1.39	24.03	<=33.01	Pass
			49	22.58	1.39	23.97	<=33.01	Pass
		25	0	21.19	1.39	22.58	<=33.01	Pass
			13	21.31	1.39	22.70	<=33.01	Pass
			25	21.25	1.39	22.64	<=33.01	Pass
		50	0	21.23	1.39	22.62	<=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	22.55	1.39	23.94	<=33.01	Pass
			38	22.81	1.39	24.20	<=33.01	Pass
			74	22.84	1.39	24.23	<=33.01	Pass
		36	0	21.73	1.39	23.12	<=33.01	Pass

			18	21.80	1.39	23.19	<=33.01	Pass
			39	21.86	1.39	23.25	<=33.01	Pass
		75	0	21.85	1.39	23.24	<=33.01	Pass
	2535	1	0	22.92	1.39	24.31	<=33.01	Pass
			38	23.07	1.39	24.46	<=33.01	Pass
			74	23.09	1.39	24.48	<=33.01	Pass
		36	0	22.07	1.39	23.46	<=33.01	Pass
			18	22.11	1.39	23.50	<=33.01	Pass
			39	22.04	1.39	23.43	<=33.01	Pass
		75	0	22.12	1.39	23.51	<=33.01	Pass
	2562.5	1	0	23.14	1.39	24.53	<=33.01	Pass
			38	23.40	1.39	24.79	<=33.01	Pass
			74	23.37	1.39	24.76	<=33.01	Pass
		36	0	22.21	1.39	23.60	<=33.01	Pass
			18	22.32	1.39	23.71	<=33.01	Pass
			39	22.36	1.39	23.75	<=33.01	Pass
		75	0	22.30	1.39	23.69	<=33.01	Pass
16QAM	2507.5	1	0	21.77	1.39	23.16	<=33.01	Pass
			38	22.03	1.39	23.42	<=33.01	Pass
			74	21.95	1.39	23.34	<=33.01	Pass
		36	0	20.75	1.39	22.14	<=33.01	Pass
			18	20.84	1.39	22.23	<=33.01	Pass
			39	20.87	1.39	22.26	<=33.01	Pass
		75	0	20.85	1.39	22.24	<=33.01	Pass
	2535	1	0	22.32	1.39	23.71	<=33.01	Pass
			38	22.52	1.39	23.91	<=33.01	Pass
			74	22.56	1.39	23.95	<=33.01	Pass
		36	0	21.09	1.39	22.48	<=33.01	Pass
			18	21.13	1.39	22.52	<=33.01	Pass
			39	21.05	1.39	22.44	<=33.01	Pass
		75	0	21.11	1.39	22.50	<=33.01	Pass
	2562.5	1	0	22.34	1.39	23.73	<=33.01	Pass
			38	22.47	1.39	23.86	<=33.01	Pass
			74	22.32	1.39	23.71	<=33.01	Pass
		36	0	21.17	1.39	22.56	<=33.01	Pass
			18	21.29	1.39	22.68	<=33.01	Pass
			39	21.32	1.39	22.71	<=33.01	Pass
		75	0	21.24	1.39	22.63	<=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	22.49	1.39	23.88	<=33.01	Pass
			50	22.88	1.39	24.27	<=33.01	Pass
			99	22.86	1.39	24.25	<=33.01	Pass
		50	0	21.73	1.39	23.12	<=33.01	Pass
			25	21.87	1.39	23.26	<=33.01	Pass
			50	21.97	1.39	23.36	<=33.01	Pass
		100	0	21.83	1.39	23.22	<=33.01	Pass
	2535	1	0	22.83	1.39	24.22	<=33.01	Pass
			50	23.10	1.39	24.49	<=33.01	Pass
			99	23.06	1.39	24.45	<=33.01	Pass
		50	0	22.02	1.39	23.41	<=33.01	Pass

			25	22.06	1.39	23.45	<=33.01	Pass
			50	21.92	1.39	23.31	<=33.01	Pass
		100	0	21.98	1.39	23.37	<=33.01	Pass
	2560	1	0	22.95	1.39	24.34	<=33.01	Pass
			50	23.29	1.39	24.68	<=33.01	Pass
			99	23.26	1.39	24.65	<=33.01	Pass
		50	0	22.06	1.39	23.45	<=33.01	Pass
			25	22.32	1.39	23.71	<=33.01	Pass
			50	22.25	1.39	23.64	<=33.01	Pass
		100	0	22.18	1.39	23.57	<=33.01	Pass
16QAM	2510	1	0	21.70	1.39	23.09	<=33.01	Pass
			50	22.04	1.39	23.43	<=33.01	Pass
			99	22.00	1.39	23.39	<=33.01	Pass
		50	0	20.74	1.39	22.13	<=33.01	Pass
			25	20.91	1.39	22.30	<=33.01	Pass
			50	21.04	1.39	22.43	<=33.01	Pass
		100	0	20.87	1.39	22.26	<=33.01	Pass
	2535	1	0	22.03	1.39	23.42	<=33.01	Pass
			50	22.33	1.39	23.72	<=33.01	Pass
			99	22.31	1.39	23.70	<=33.01	Pass
		50	0	21.07	1.39	22.46	<=33.01	Pass
			25	21.12	1.39	22.51	<=33.01	Pass
			50	20.95	1.39	22.34	<=33.01	Pass
		100	0	21.06	1.39	22.45	<=33.01	Pass
	2560	1	0	22.42	1.39	23.81	<=33.01	Pass
			50	22.66	1.39	24.05	<=33.01	Pass
			99	22.50	1.39	23.89	<=33.01	Pass
		50	0	21.10	1.39	22.49	<=33.01	Pass
			25	21.25	1.39	22.64	<=33.01	Pass
			50	21.23	1.39	22.62	<=33.01	Pass
		100	0	21.19	1.39	22.58	<=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	-1.717	-0.0007	-2.5 to 2.5	Pass
					3.85	6.208	0.0025	-2.5 to 2.5	Pass
					4.43	4.206	0.0017	-2.5 to 2.5	Pass
				-30	3.85	-3.076	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-0.587	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-5.164	-0.0021	-2.5 to 2.5	Pass
				0	3.85	3.834	0.0015	-2.5 to 2.5	Pass
				10	3.85	-13.704	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-2.317	-0.0009	-2.5 to 2.5	Pass
				50	3.85	3.891	0.0016	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-7.811	-0.0031	-2.5 to 2.5	Pass
					3.85	-15.821	-0.0062	-2.5 to 2.5	Pass

					4.43	-12.131	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	2.246	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-9.441	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	14.820	0.0058	-2.5 to 2.5	Pass
				0	3.85	-0.587	-0.0002	-2.5 to 2.5	Pass
				10	3.85	7.253	0.0029	-2.5 to 2.5	Pass
				30	3.85	-1.988	-0.0008	-2.5 to 2.5	Pass
				40	3.85	2.761	0.0011	-2.5 to 2.5	Pass
				50	3.85	-8.225	-0.0032	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-24.934	-0.0097	-2.5 to 2.5	Pass
					3.85	-6.495	-0.0025	-2.5 to 2.5	Pass
					4.43	-16.079	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-5.908	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-7.639	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-11.001	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-10.371	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-5.479	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-17.638	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-10.185	-0.0040	-2.5 to 2.5	Pass
				50	3.85	5.550	0.0022	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	-0.772	-0.0003	-2.5 to 2.5	Pass
					3.85	-11.058	-0.0044	-2.5 to 2.5	Pass
					4.43	4.377	0.0017	-2.5 to 2.5	Pass
				-30	3.85	1.988	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-4.792	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	2.103	0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.715	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-2.532	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-6.037	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-8.769	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-4.635	-0.0019	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	3.676	0.0015	-2.5 to 2.5	Pass
					3.85	9.871	0.0039	-2.5 to 2.5	Pass
					4.43	-11.787	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-3.290	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-19.398	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	4.764	0.0019	-2.5 to 2.5	Pass
				0	3.85	-8.712	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-13.647	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-8.597	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-14.205	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-5.279	-0.0021	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	3.448	0.0013	-2.5 to 2.5	Pass
					3.85	-4.177	-0.0016	-2.5 to 2.5	Pass
					4.43	-9.155	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-2.203	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	2.174	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-3.848	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-11.544	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-2.632	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-10.457	-0.0041	-2.5 to 2.5	Pass
				40	3.85	8.397	0.0033	-2.5 to 2.5	Pass
				50	3.85	5.522	0.0022	-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	1.688	0.0007	-2.5 to 2.5	Pass
					3.85	-2.990	-0.0012	-2.5 to 2.5	Pass
					4.43	-6.194	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-6.523	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-5.178	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-5.236	-0.0021	-2.5 to 2.5	Pass
				0	3.85	0.844	0.0003	-2.5 to 2.5	Pass
				10	3.85	-10.686	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-11.530	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-14.305	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-4.363	-0.0017	-2.5 to 2.5	Pass
					3.85	-4.706	-0.0019	-2.5 to 2.5	Pass
					4.43	-1.216	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-3.490	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-3.033	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-4.663	-0.0018	-2.5 to 2.5	Pass
				0	3.85	4.892	0.0019	-2.5 to 2.5	Pass
				10	3.85	-13.947	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-10.400	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-7.553	-0.0030	-2.5 to 2.5	Pass
				50	3.85	3.490	0.0014	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-2.260	-0.0009	-2.5 to 2.5	Pass
					3.85	-2.203	-0.0009	-2.5 to 2.5	Pass
					4.43	3.462	0.0013	-2.5 to 2.5	Pass
				-30	3.85	0.944	0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.659	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-8.211	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-5.579	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-6.566	-0.0026	-2.5 to 2.5	Pass
				30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.431	-0.0006	-2.5 to 2.5	Pass
				50	3.85	0.701	0.0003	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.27	-1.473	-0.0006	-2.5 to 2.5	Pass
					3.85	-8.626	-0.0034	-2.5 to 2.5	Pass
					4.43	-6.123	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-3.219	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-3.548	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-10.557	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-1.931	-0.0008	-2.5 to 2.5	Pass
				10	3.85	1.216	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.329	0.0001	-2.5 to 2.5	Pass
				40	3.85	8.326	0.0033	-2.5 to 2.5	Pass
				50	3.85	0.072	0.0000	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-7.553	-0.0030	-2.5 to 2.5	Pass
					3.85	-3.576	-0.0014	-2.5 to 2.5	Pass
					4.43	-3.047	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-4.234	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-9.356	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-1.287	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-4.849	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-4.649	-0.0018	-2.5 to 2.5	Pass
				30	3.85	0.758	0.0003	-2.5 to 2.5	Pass
				40	3.85	-3.304	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.431	-0.0006	-2.5 to 2.5	Pass

	2565	50	0	20	3.27	3.877	0.0015	-2.5 to 2.5	Pass
					3.85	4.191	0.0016	-2.5 to 2.5	Pass
					4.43	0.215	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-7.868	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	1.259	0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.359	0.0005	-2.5 to 2.5	Pass
				0	3.85	-5.908	-0.0023	-2.5 to 2.5	Pass
				10	3.85	2.060	0.0008	-2.5 to 2.5	Pass
				30	3.85	-10.414	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-2.518	-0.0010	-2.5 to 2.5	Pass
				50	3.85	-6.480	-0.0025	-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	-2.503	-0.0010	-2.5 to 2.5	Pass
					3.85	8.211	0.0033	-2.5 to 2.5	Pass
					4.43	3.033	0.0012	-2.5 to 2.5	Pass
				-30	3.85	-6.523	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-9.227	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-1.059	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-2.146	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-5.436	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.688	-0.0007	-2.5 to 2.5	Pass
				40	3.85	1.974	0.0008	-2.5 to 2.5	Pass
				50	3.85	-4.249	-0.0017	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	0.916	0.0004	-2.5 to 2.5	Pass
					3.85	1.602	0.0006	-2.5 to 2.5	Pass
					4.43	-1.960	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.988	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-14.963	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	1.845	0.0007	-2.5 to 2.5	Pass
				0	3.85	1.187	0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.917	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-2.003	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-3.791	-0.0015	-2.5 to 2.5	Pass
				50	3.85	1.302	0.0005	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	-1.559	-0.0006	-2.5 to 2.5	Pass
					3.85	-6.223	-0.0024	-2.5 to 2.5	Pass
					4.43	-5.937	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	6.852	0.0027	-2.5 to 2.5	Pass
				-20	3.85	-4.163	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.317	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-5.178	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-7.825	-0.0031	-2.5 to 2.5	Pass
				30	3.85	3.562	0.0014	-2.5 to 2.5	Pass
				40	3.85	-6.166	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-2.503	-0.0010	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.27	-3.719	-0.0015	-2.5 to 2.5	Pass
					3.85	4.420	0.0018	-2.5 to 2.5	Pass
					4.43	-4.063	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	2.503	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-8.183	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	0.958	0.0004	-2.5 to 2.5	Pass

				0	3.85	-0.858	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.701	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-2.775	-0.0011	-2.5 to 2.5	Pass
				40	3.85	3.905	0.0016	-2.5 to 2.5	Pass
				50	3.85	-0.801	-0.0003	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-2.532	-0.0010	-2.5 to 2.5	Pass
					3.85	6.094	0.0024	-2.5 to 2.5	Pass
					4.43	-4.392	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-7.296	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-3.748	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-5.937	-0.0023	-2.5 to 2.5	Pass
				0	3.85	2.232	0.0009	-2.5 to 2.5	Pass
				10	3.85	-4.849	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-6.995	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-2.990	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-3.376	-0.0013	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	-1.287	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.473	-0.0006	-2.5 to 2.5	Pass
					4.43	-1.802	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-4.721	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	7.224	0.0028	-2.5 to 2.5	Pass
				-10	3.85	-5.150	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-8.039	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-5.822	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-0.744	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.674	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-8.483	-0.0033	-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	-5.078	-0.0020	-2.5 to 2.5	Pass
					3.85	0.358	0.0001	-2.5 to 2.5	Pass
					4.43	1.602	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-15.035	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-2.789	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-5.007	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-3.705	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-8.583	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-4.077	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-8.097	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-10.114	-0.0040	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-9.570	-0.0038	-2.5 to 2.5	Pass
					3.85	-4.706	-0.0019	-2.5 to 2.5	Pass
					4.43	-3.920	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-4.964	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-2.747	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-14.291	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-17.481	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-6.537	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-1.416	-0.0006	-2.5 to 2.5	Pass
				40	3.85	3.633	0.0014	-2.5 to 2.5	Pass
				50	3.85	-3.633	-0.0014	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-10.786	-0.0042	-2.5 to 2.5	Pass

					3.85	-3.433	-0.0013	-2.5 to 2.5	Pass
					4.43	-3.662	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-8.254	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-0.958	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.074	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-7.396	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-0.315	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-7.339	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-13.862	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-7.052	-0.0028	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.27	0.200	0.0001	-2.5 to 2.5	Pass
					3.85	8.440	0.0034	-2.5 to 2.5	Pass
					4.43	-0.629	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-3.433	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	1.888	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-12.431	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-5.708	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-1.917	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-1.431	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.587	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-4.106	-0.0016	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-4.435	-0.0017	-2.5 to 2.5	Pass
					3.85	7.181	0.0028	-2.5 to 2.5	Pass
					4.43	-5.980	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-10.543	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-7.553	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-5.608	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-3.562	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-4.292	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-1.860	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-13.919	-0.0055	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-5.665	-0.0022	-2.5 to 2.5	Pass
					3.85	-4.935	-0.0019	-2.5 to 2.5	Pass
					4.43	-5.307	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-5.507	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-5.422	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-9.599	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-8.941	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-6.795	-0.0027	-2.5 to 2.5	Pass
				30	3.85	5.035	0.0020	-2.5 to 2.5	Pass
				40	3.85	-4.106	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-5.465	-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

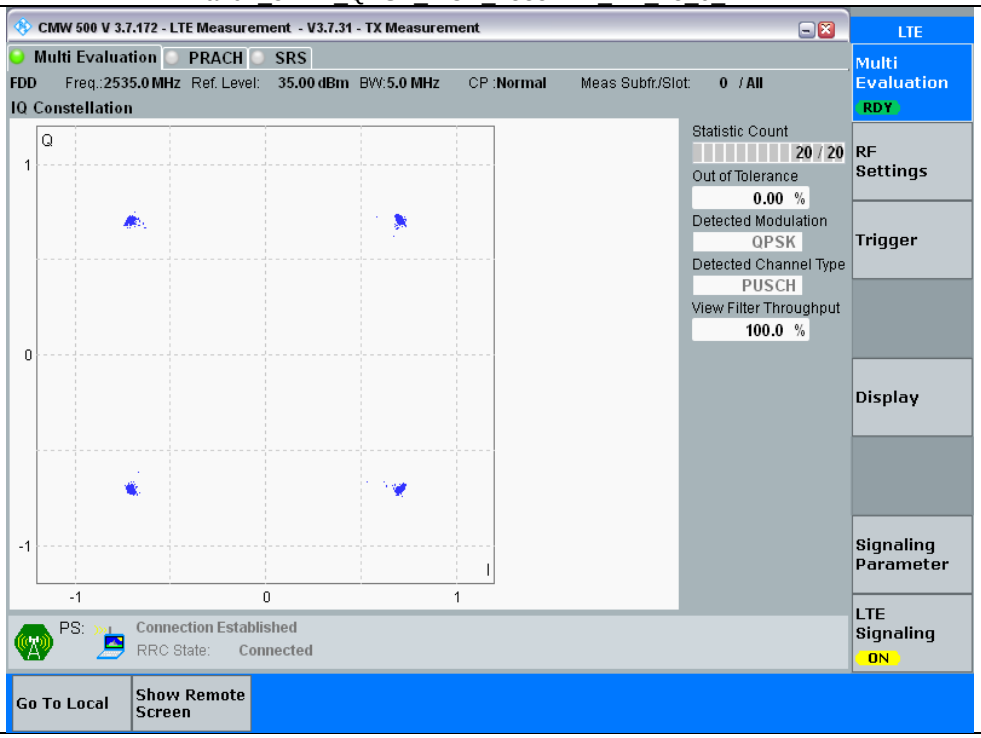
3.1.4 B7_20MHz

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

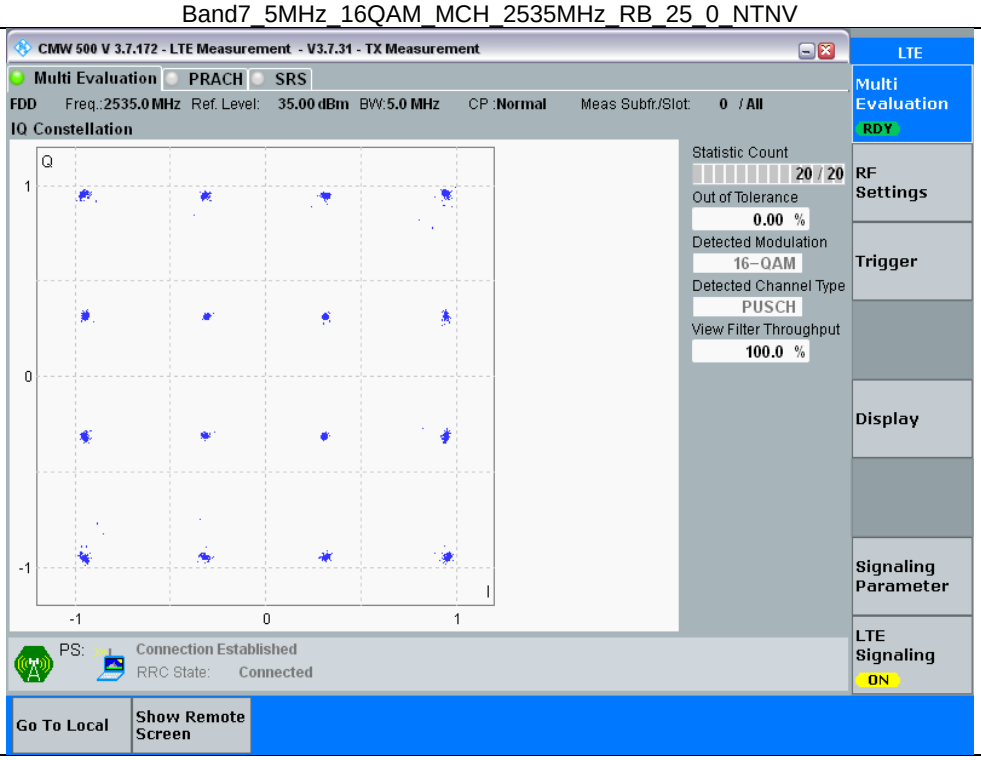
3.2 Test Graph

3.2.1 B7_5MHz

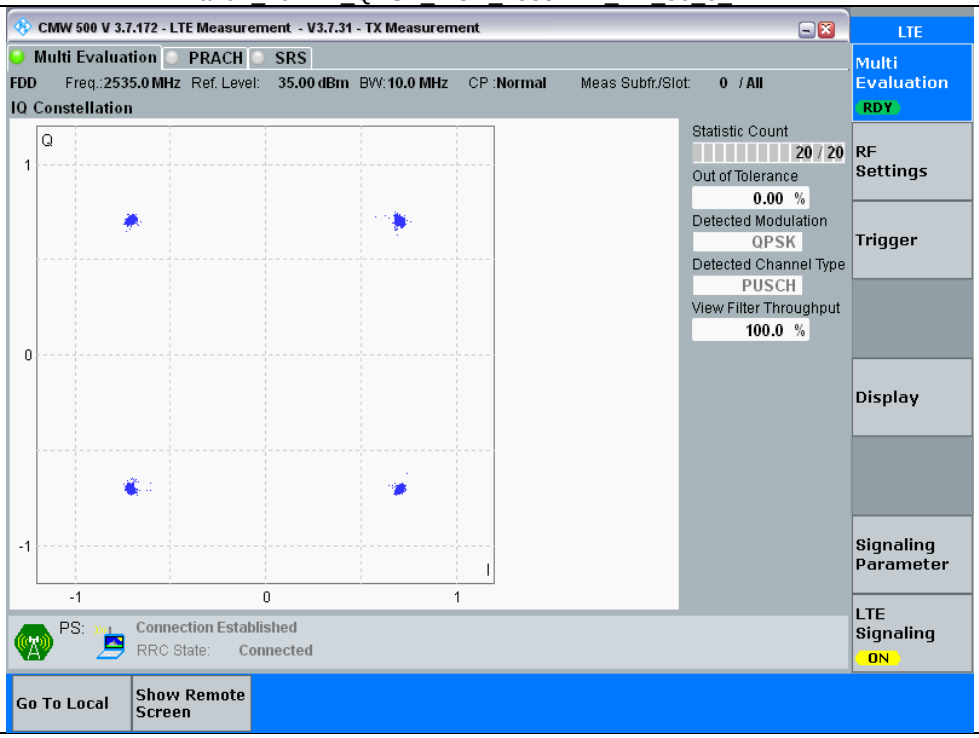
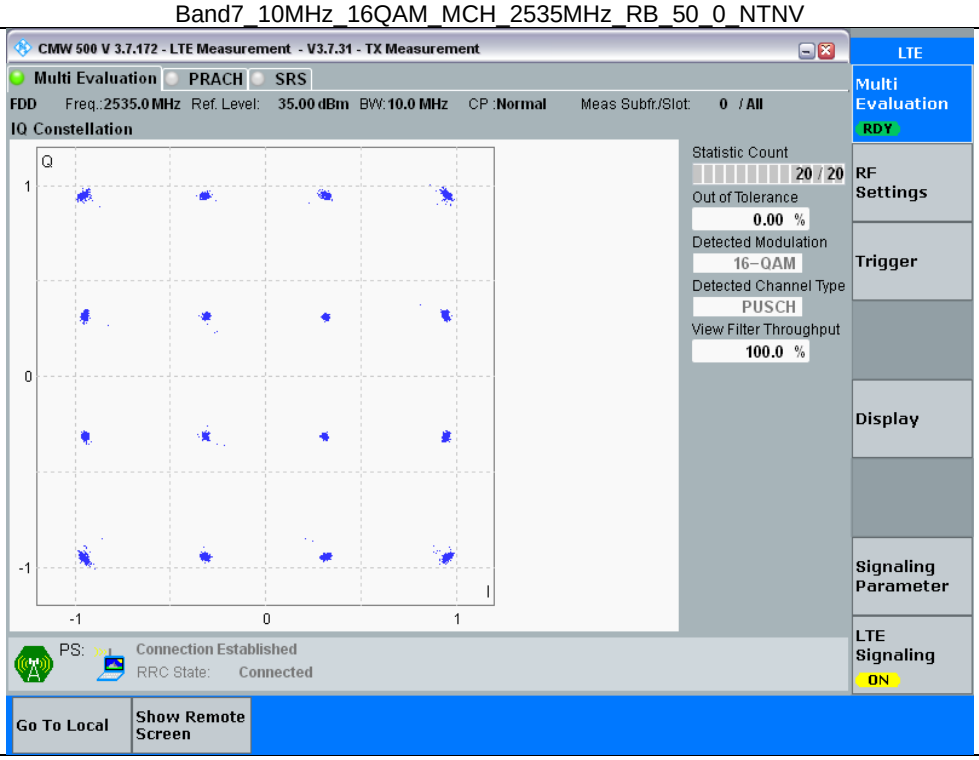
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



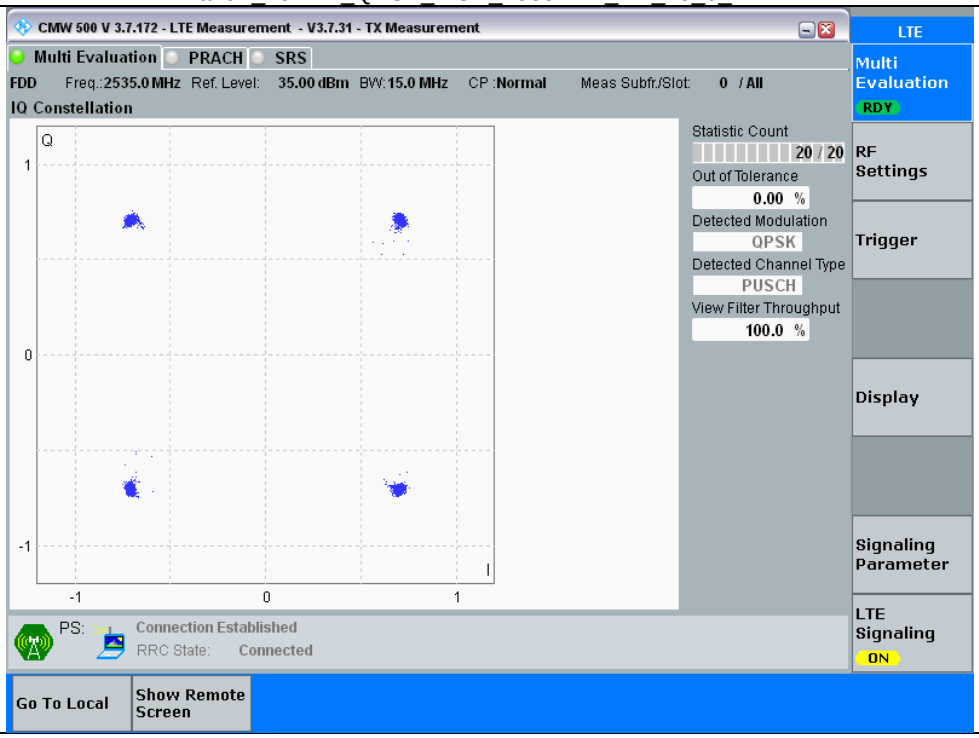
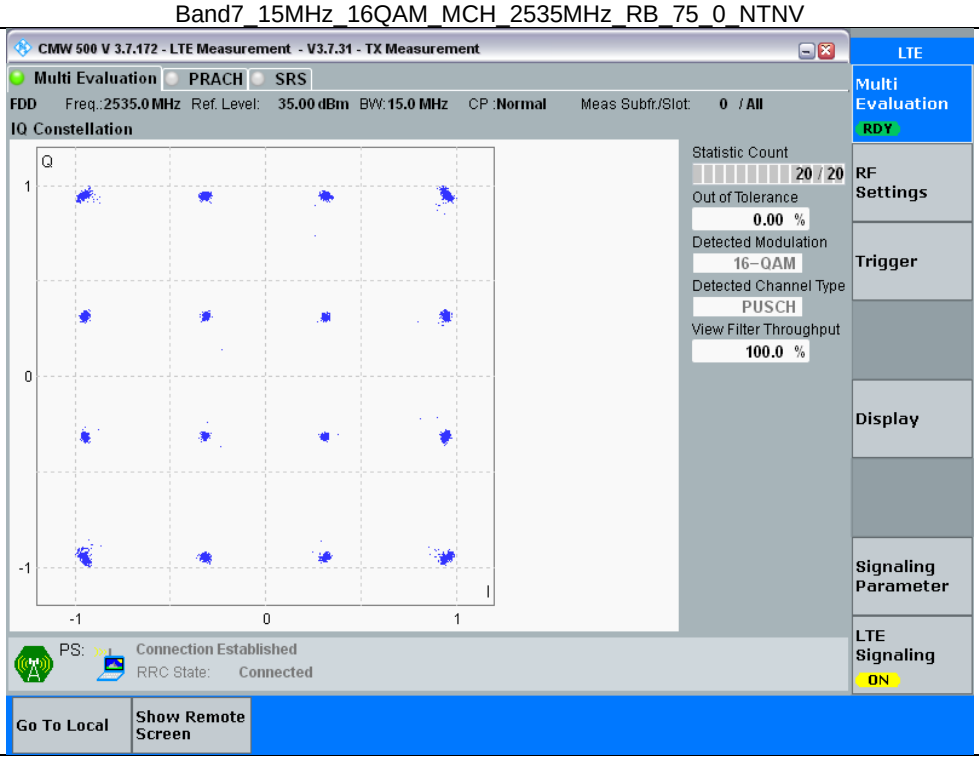
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



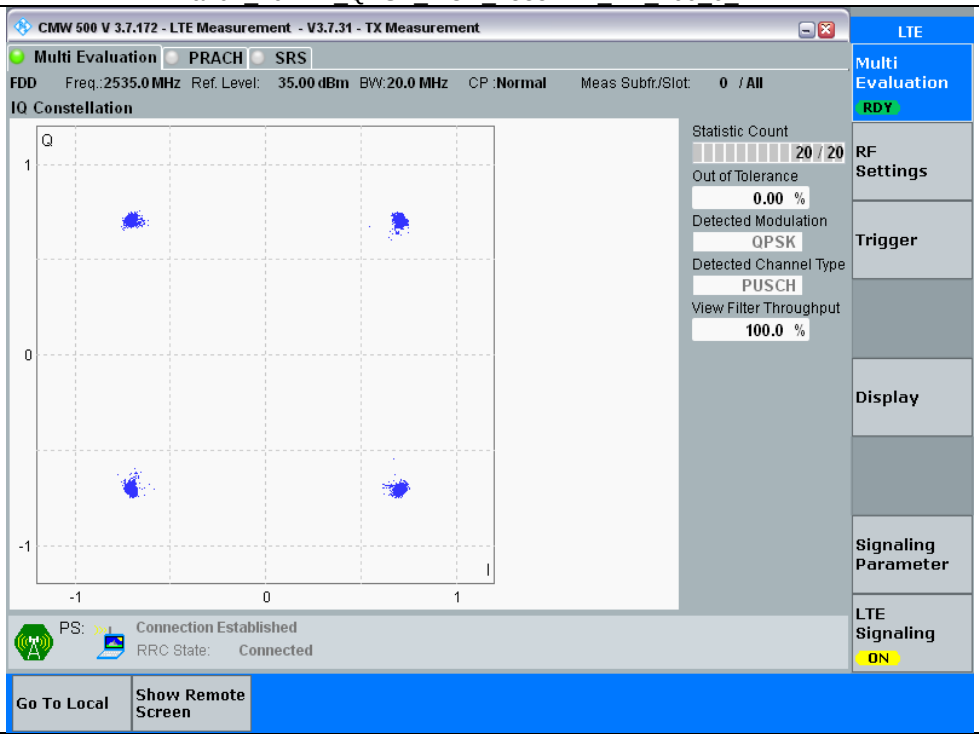
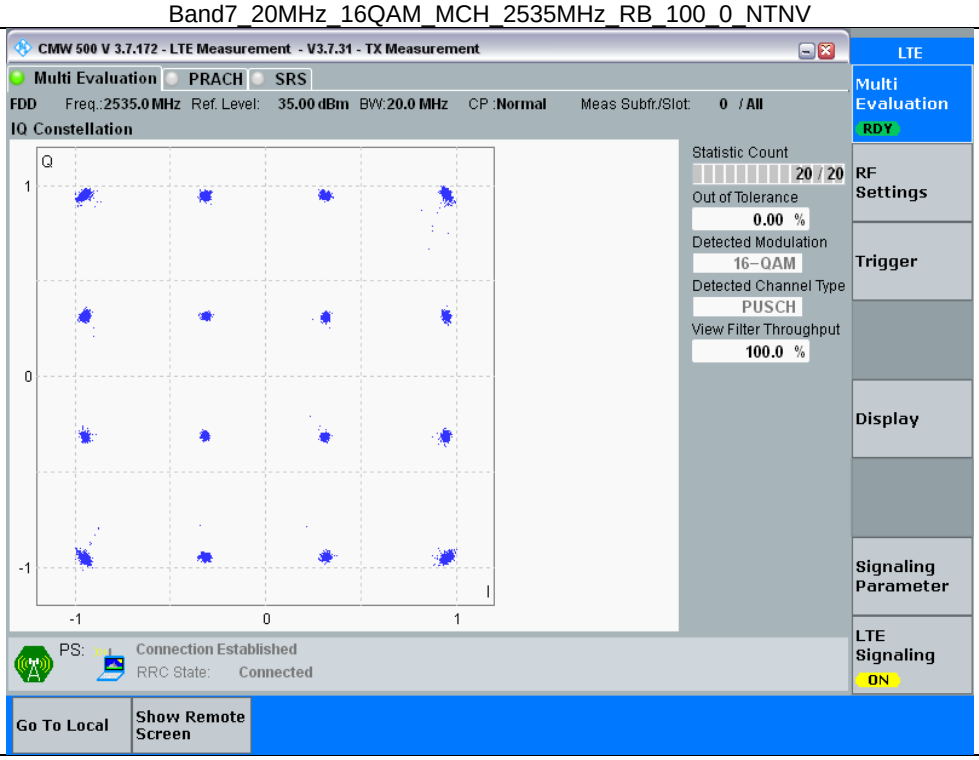
3.2.2 B7_10MHz

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	4.546	/	Pass
		2535	25	0	4.538	/	Pass
		2567.5	25	0	4.576	/	Pass
	16QAM	2502.5	25	0	4.551	/	Pass
		2535	25	0	4.566	/	Pass
		2567.5	25	0	4.556	/	Pass
10	QPSK	2505	50	0	9.064	/	Pass
		2535	50	0	9.063	/	Pass
		2565	50	0	9.041	/	Pass
	16QAM	2505	50	0	9.090	/	Pass
		2535	50	0	9.048	/	Pass
		2565	50	0	9.060	/	Pass
15	QPSK	2507.5	75	0	13.575	/	Pass
		2535	75	0	13.568	/	Pass
		2562.5	75	0	13.568	/	Pass
	16QAM	2507.5	75	0	13.601	/	Pass
		2535	75	0	13.551	/	Pass
		2562.5	75	0	13.586	/	Pass
20	QPSK	2510	100	0	18.120	/	Pass
		2535	100	0	18.074	/	Pass
		2560	100	0	18.106	/	Pass
	16QAM	2510	100	0	18.093	/	Pass
		2535	100	0	18.096	/	Pass
		2560	100	0	18.114	/	Pass

4.1.2 Band7_XDB

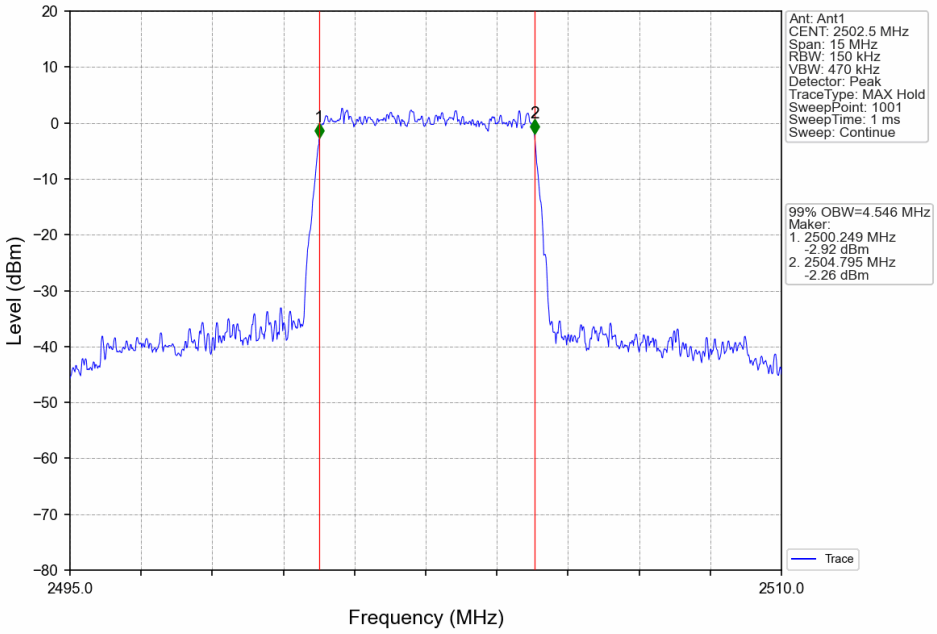
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.985	/	Pass
		2535	25	0	4.986	/	Pass
		2567.5	25	0	5.024	/	Pass
	16QAM	2502.5	25	0	5.028	/	Pass
		2535	25	0	4.984	/	Pass
		2567.5	25	0	4.992	/	Pass
10	QPSK	2505	50	0	9.965	/	Pass
		2535	50	0	9.858	/	Pass
		2565	50	0	9.877	/	Pass
	16QAM	2505	50	0	9.907	/	Pass
		2535	50	0	9.894	/	Pass
		2565	50	0	9.934	/	Pass
15	QPSK	2507.5	75	0	14.895	/	Pass

		2535	75	0	14.847	/	Pass
		2562.5	75	0	14.965	/	Pass
	16QAM	2507.5	75	0	14.879	/	Pass
		2535	75	0	14.803	/	Pass
		2562.5	75	0	14.838	/	Pass
20	QPSK	2510	100	0	19.802	/	Pass
		2535	100	0	19.511	/	Pass
		2560	100	0	19.739	/	Pass
	16QAM	2510	100	0	19.677	/	Pass
		2535	100	0	19.644	/	Pass
		2560	100	0	19.724	/	Pass

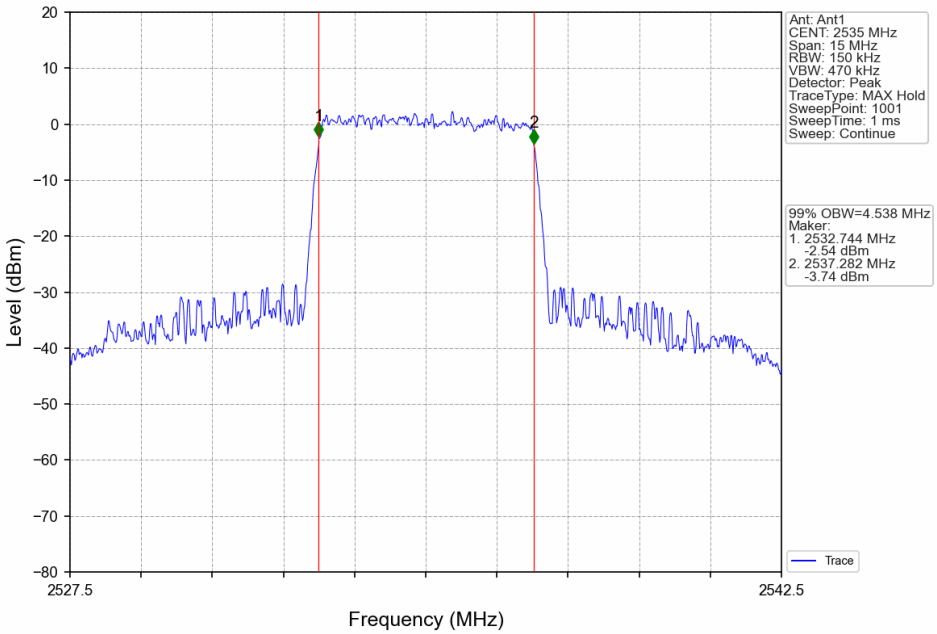
4.2 Test Graph

4.2.1 Band7_OBW

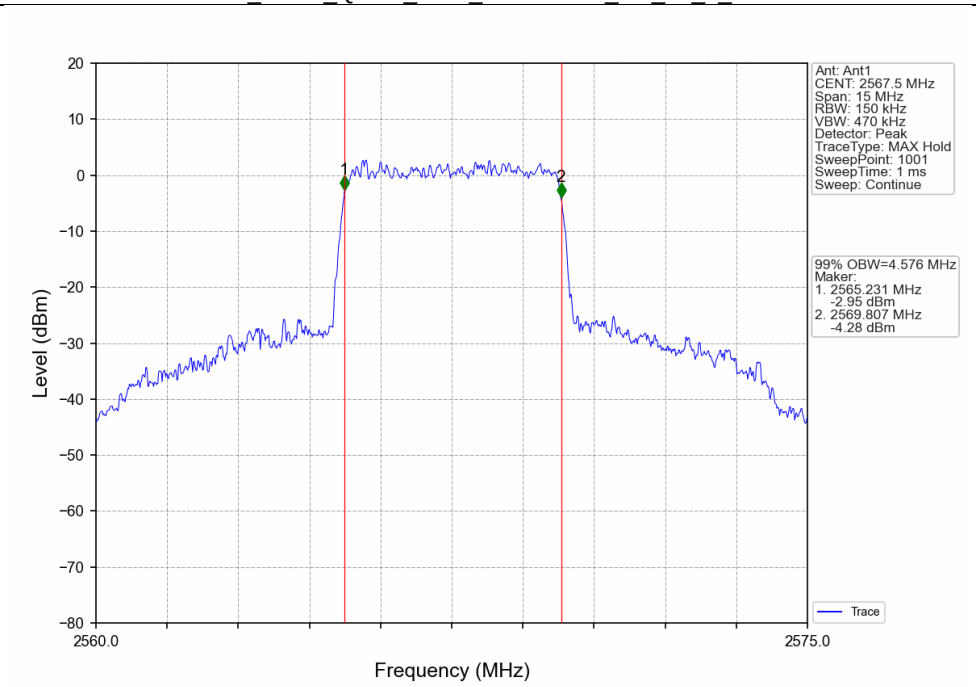
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



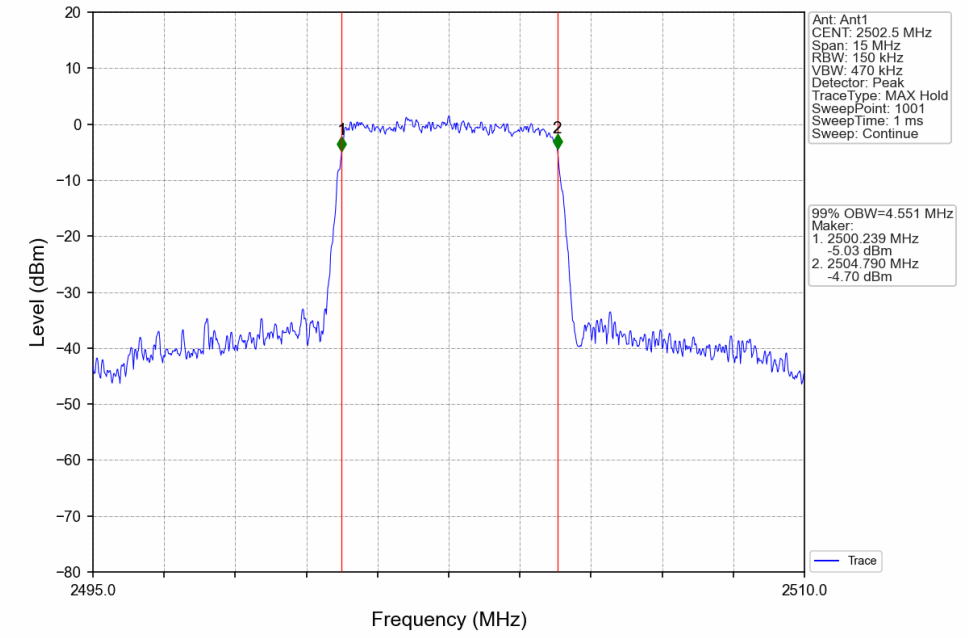
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



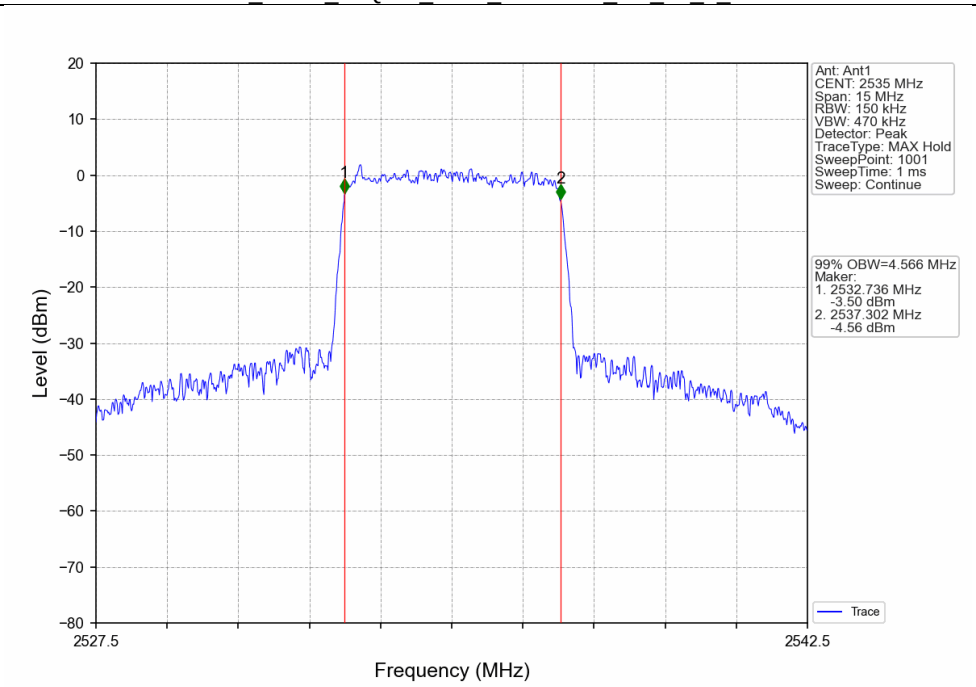
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



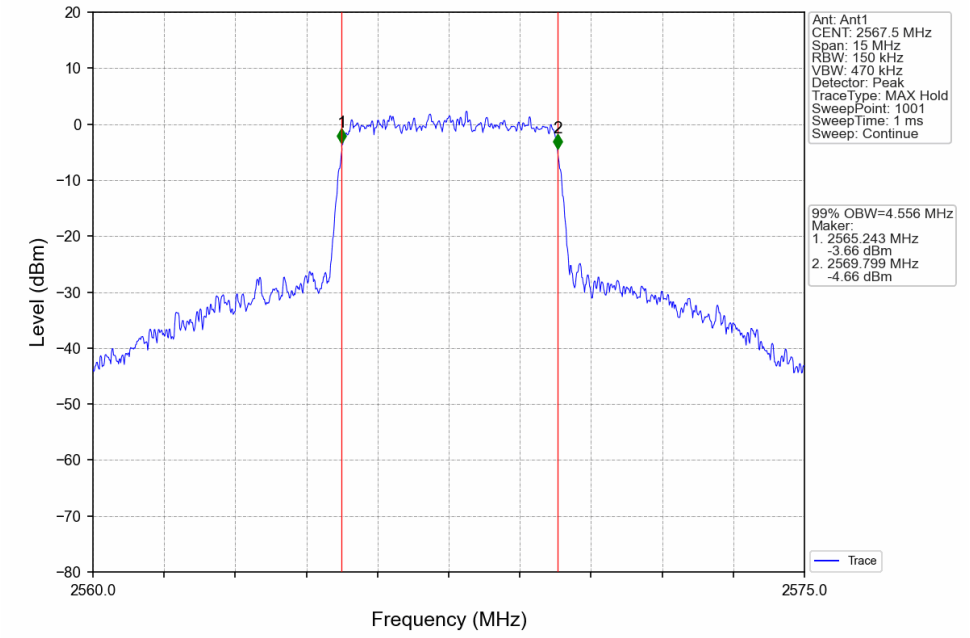
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



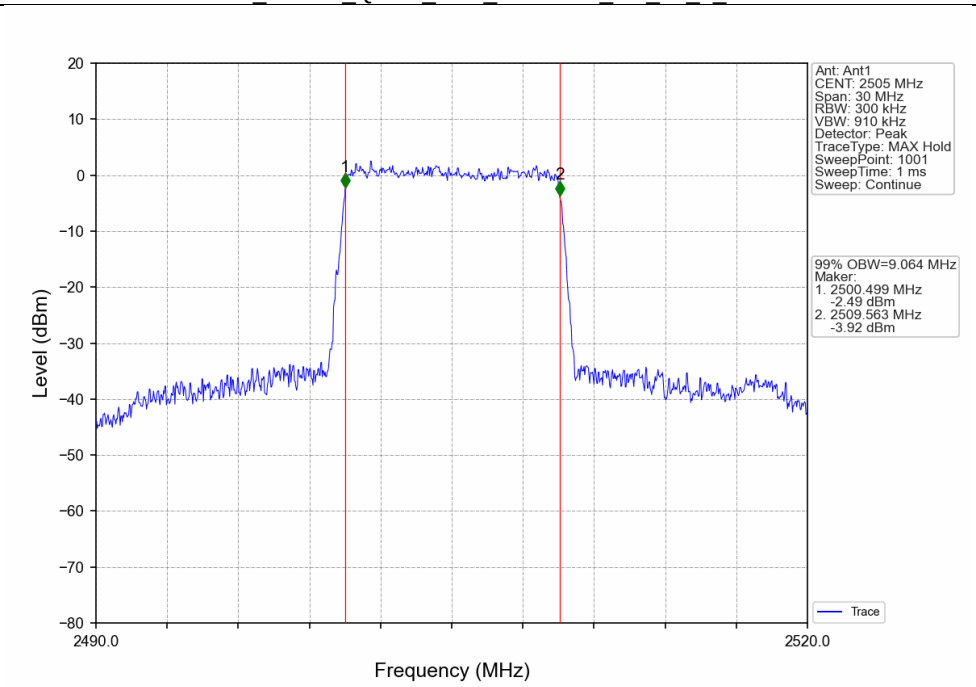
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



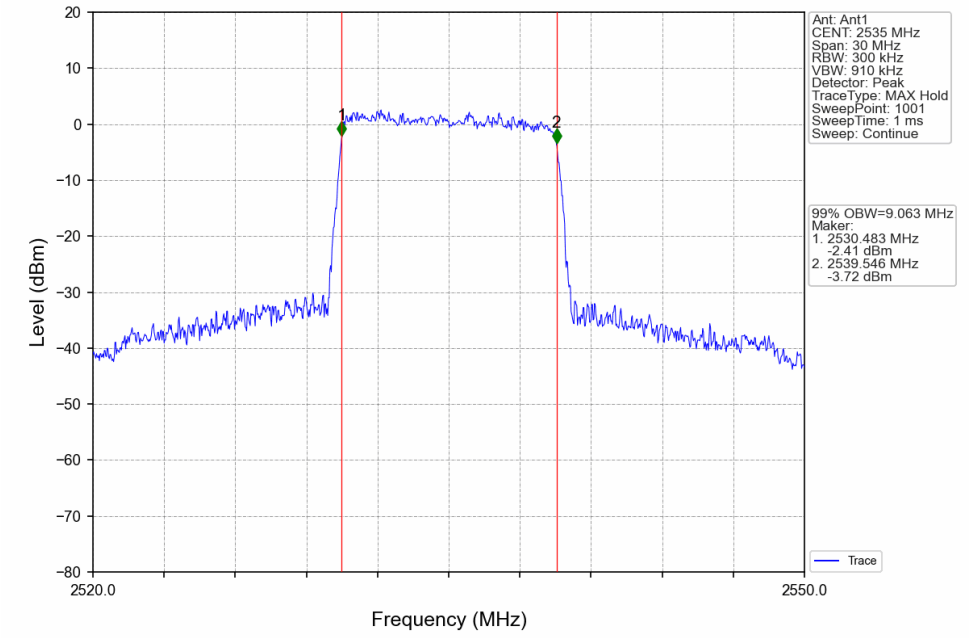
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



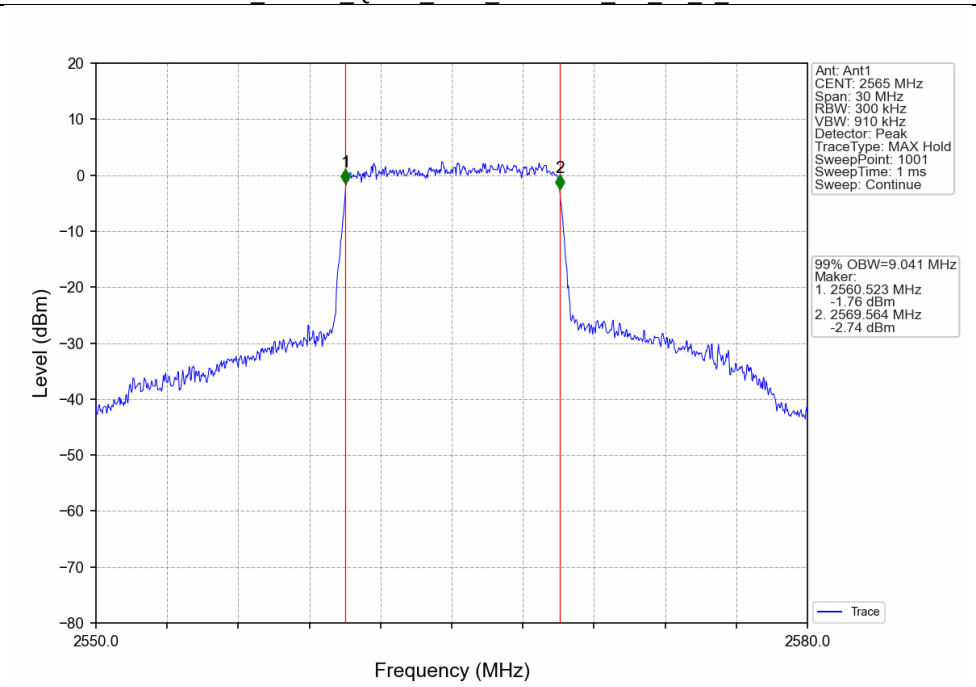
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



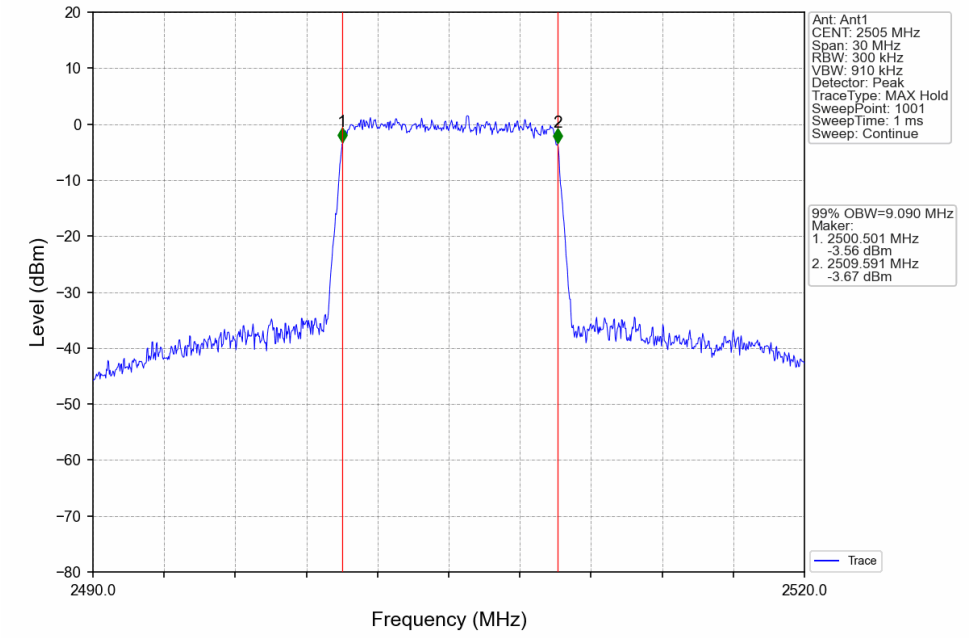
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



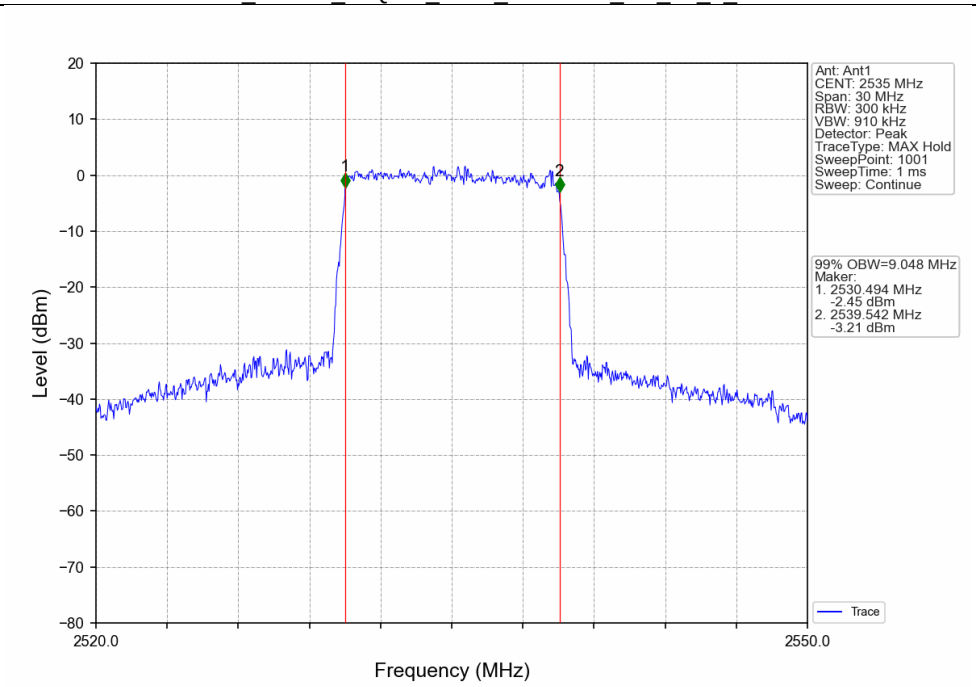
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



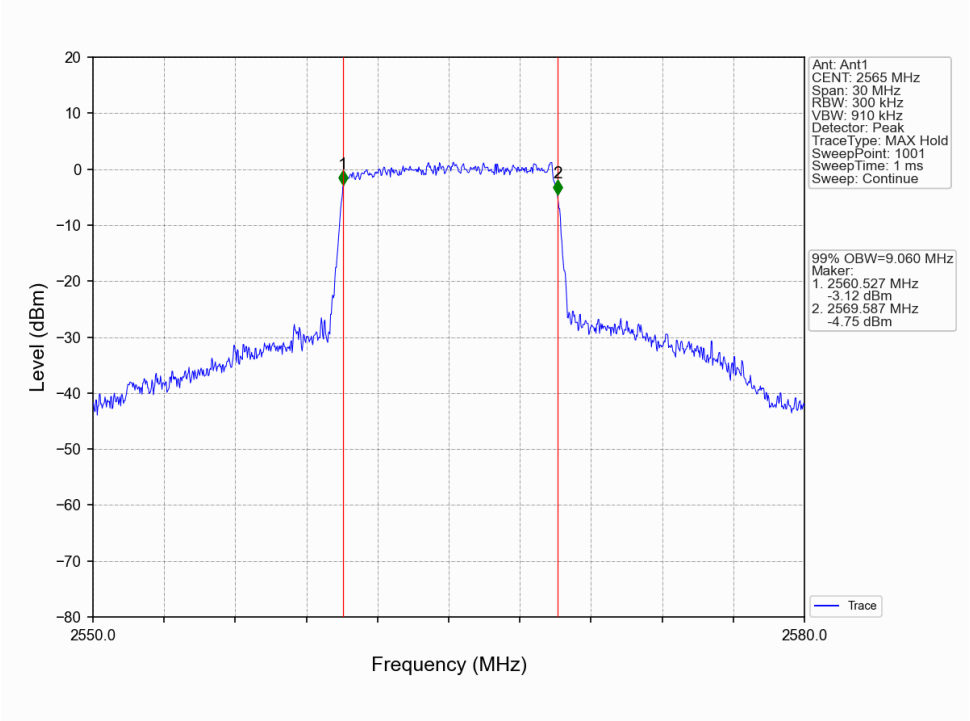
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



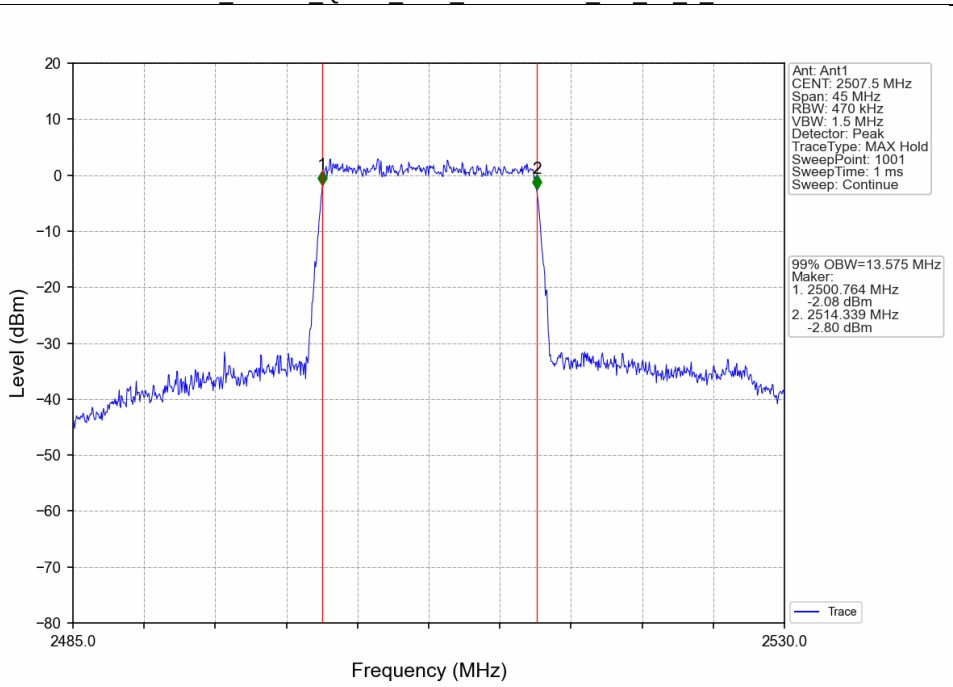
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



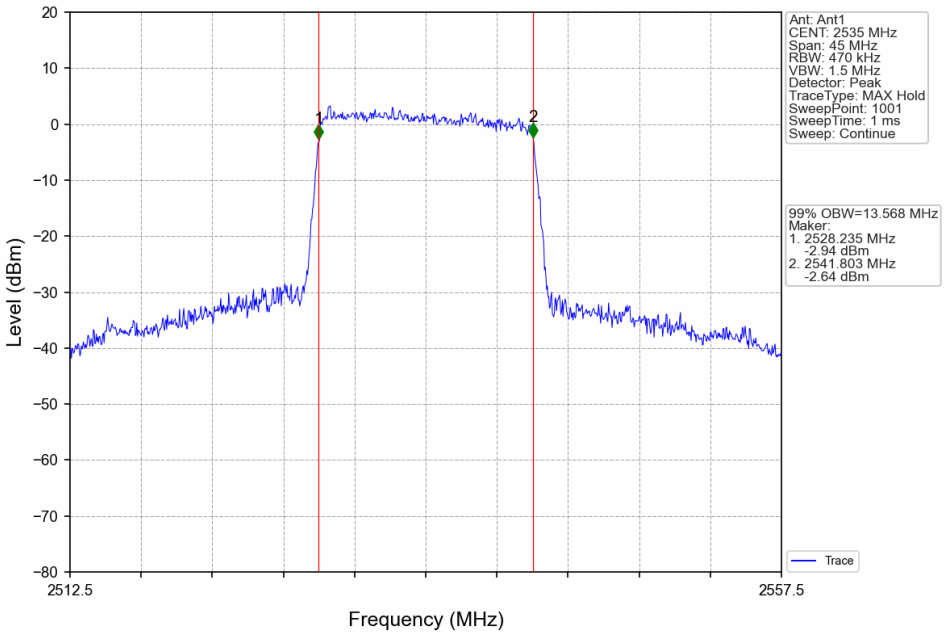
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



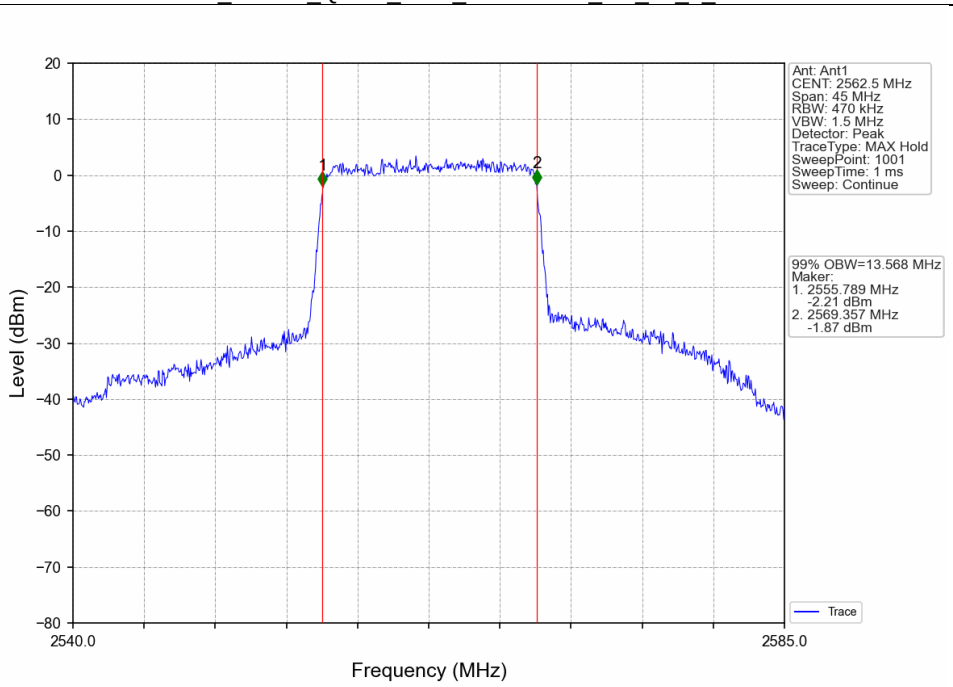
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



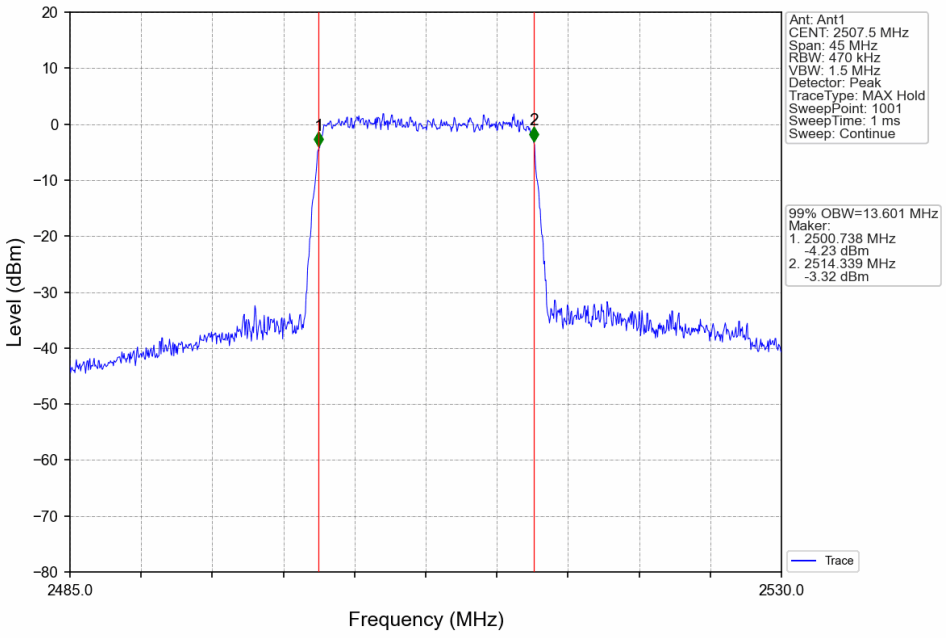
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



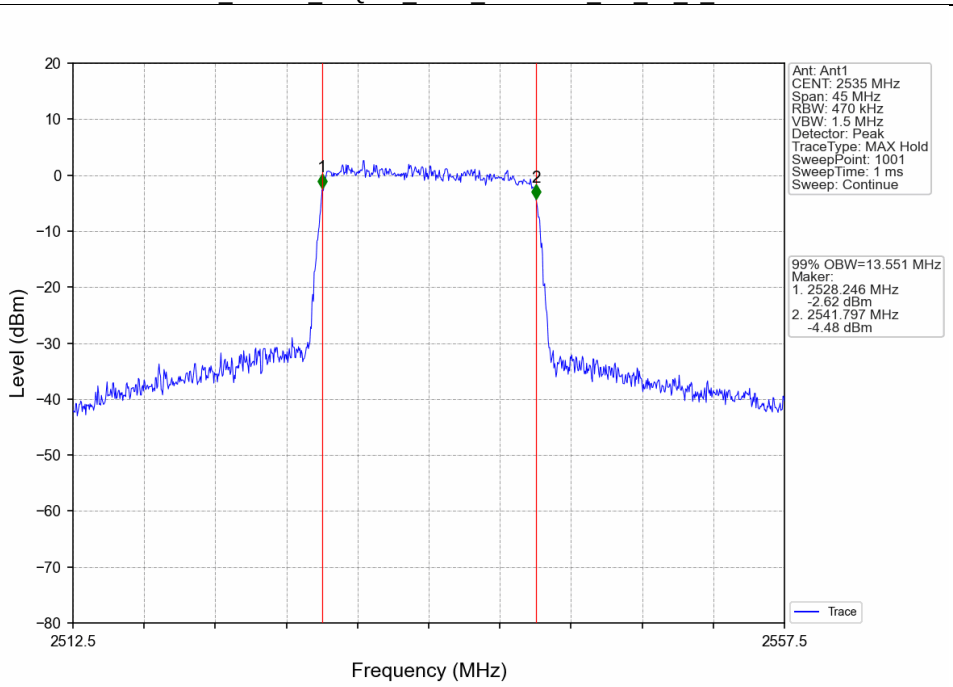
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



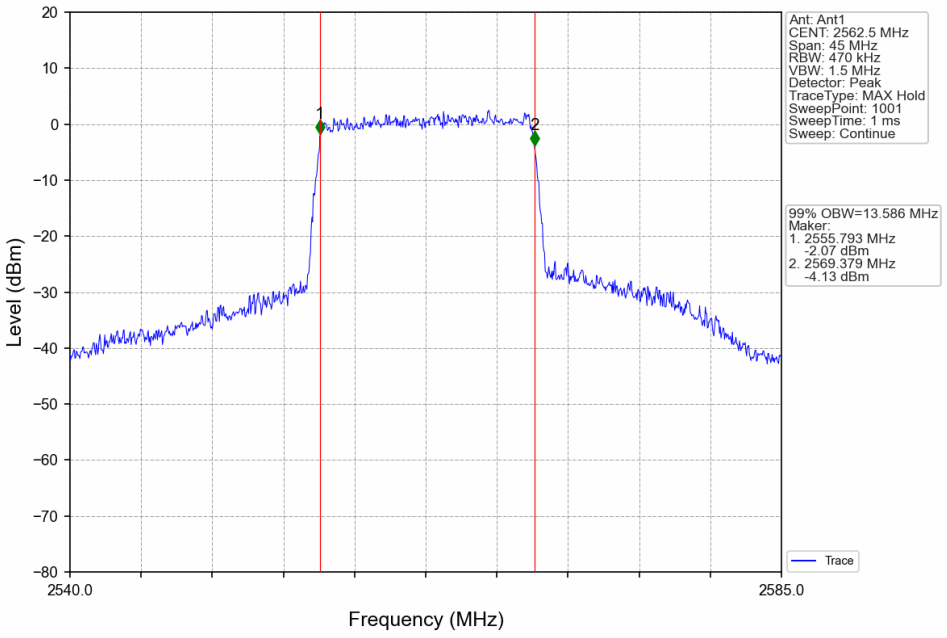
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



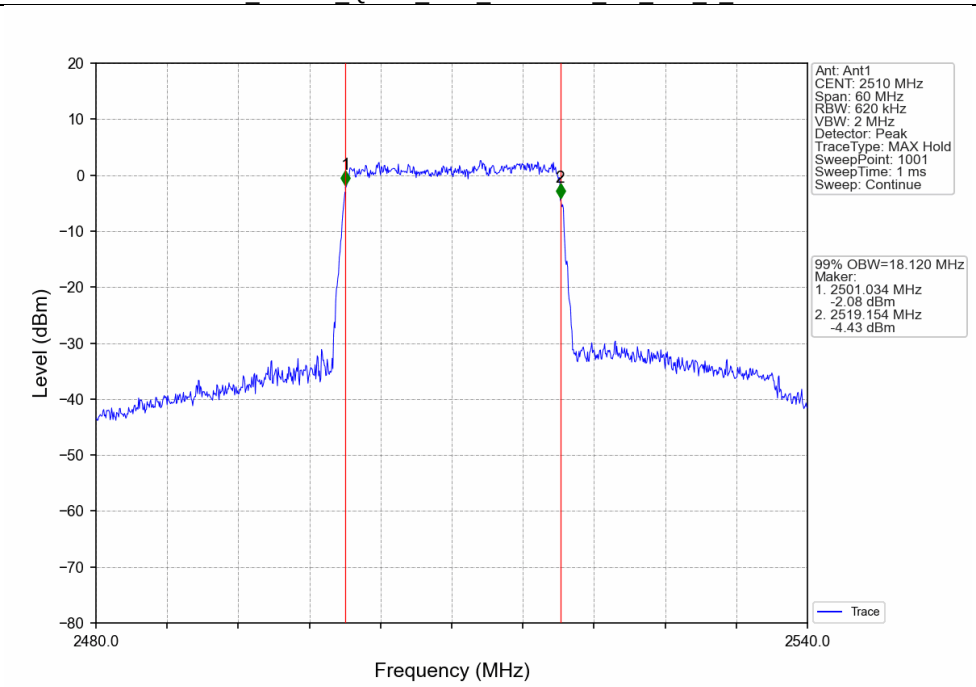
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



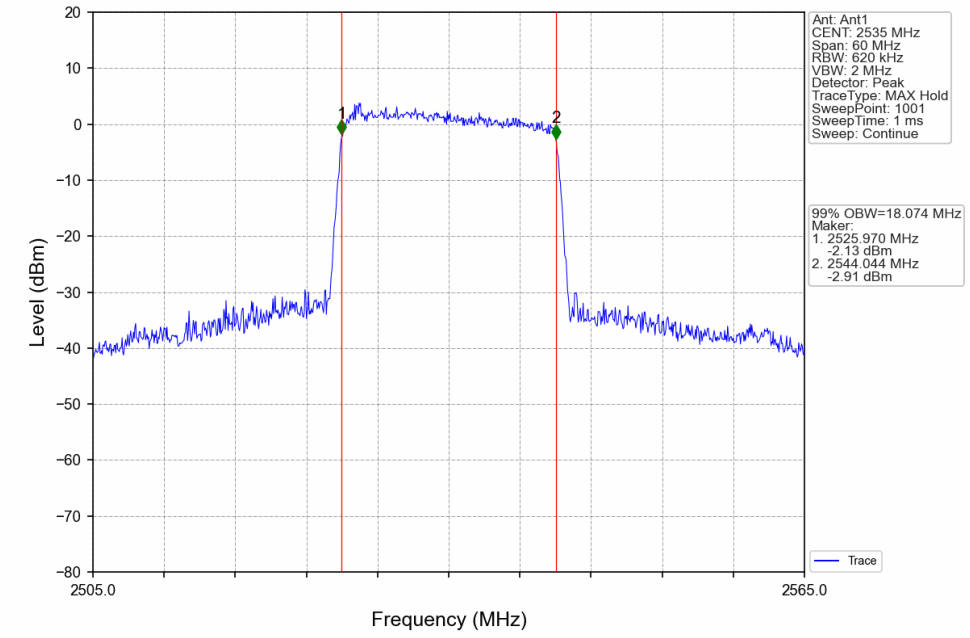
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



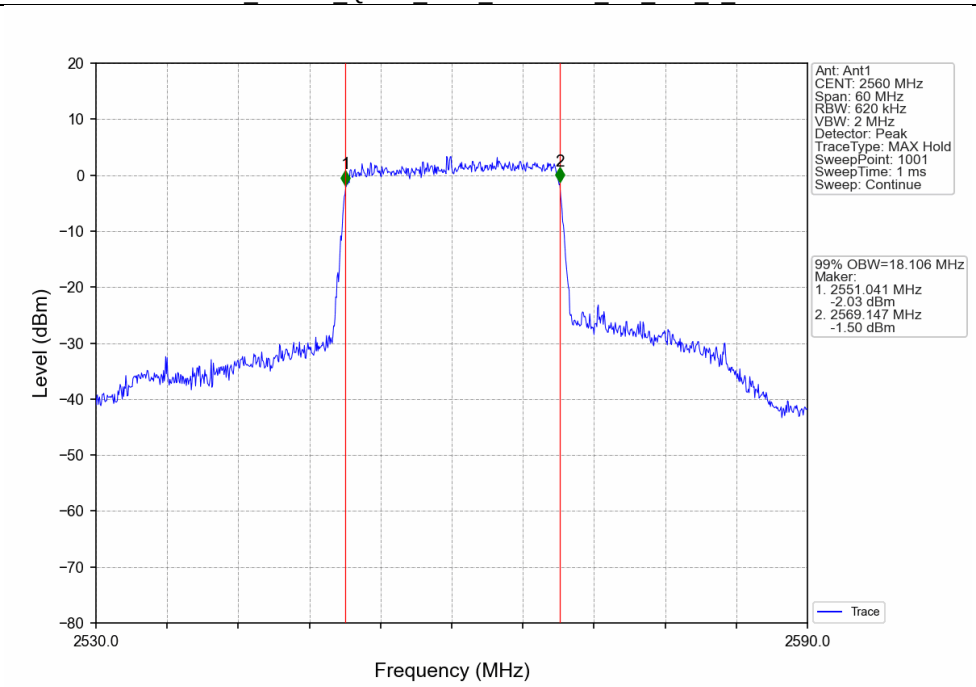
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



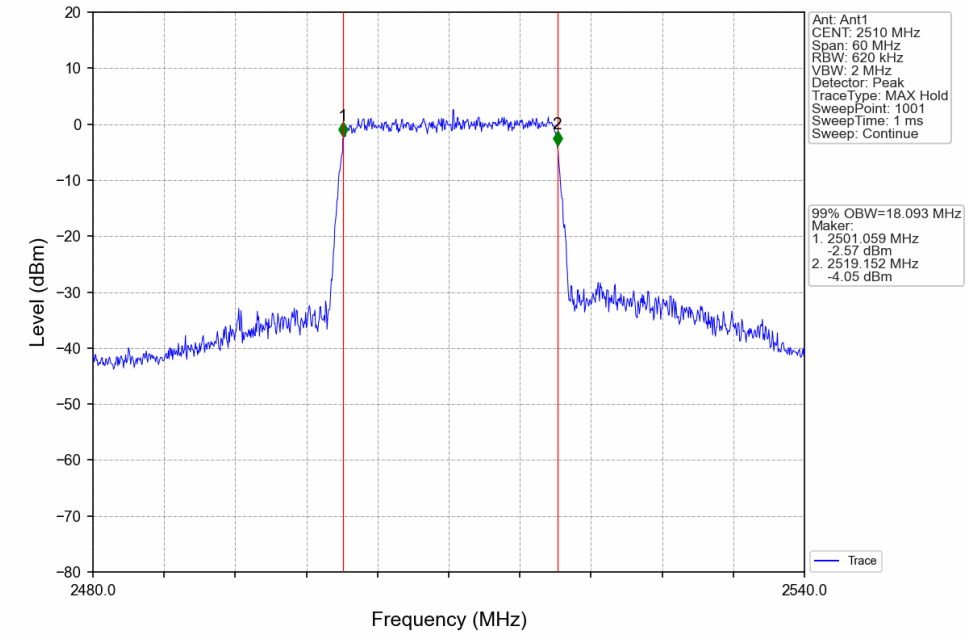
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



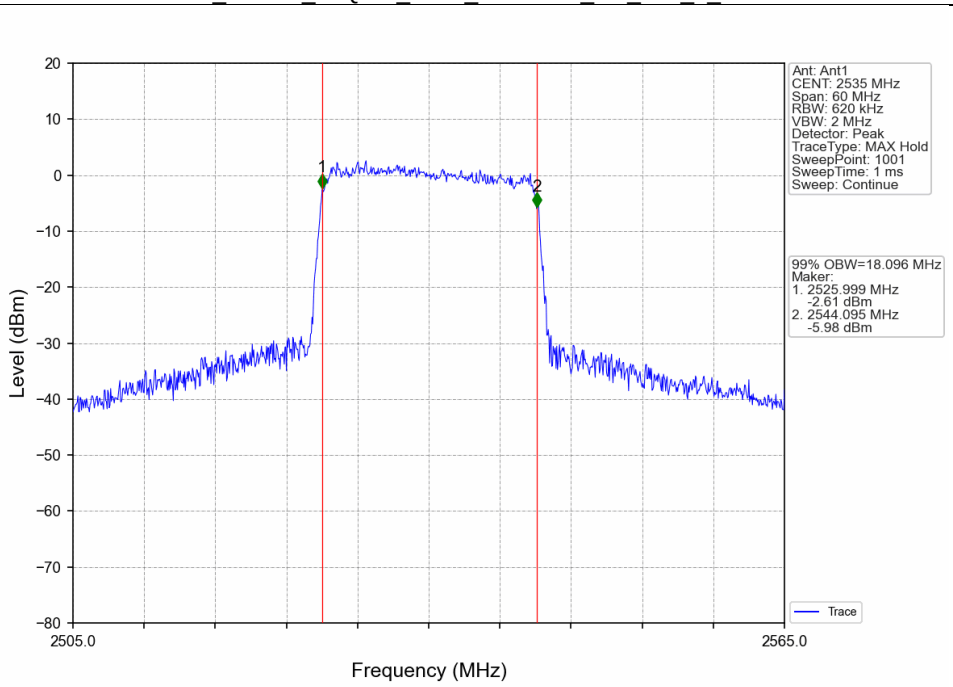
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



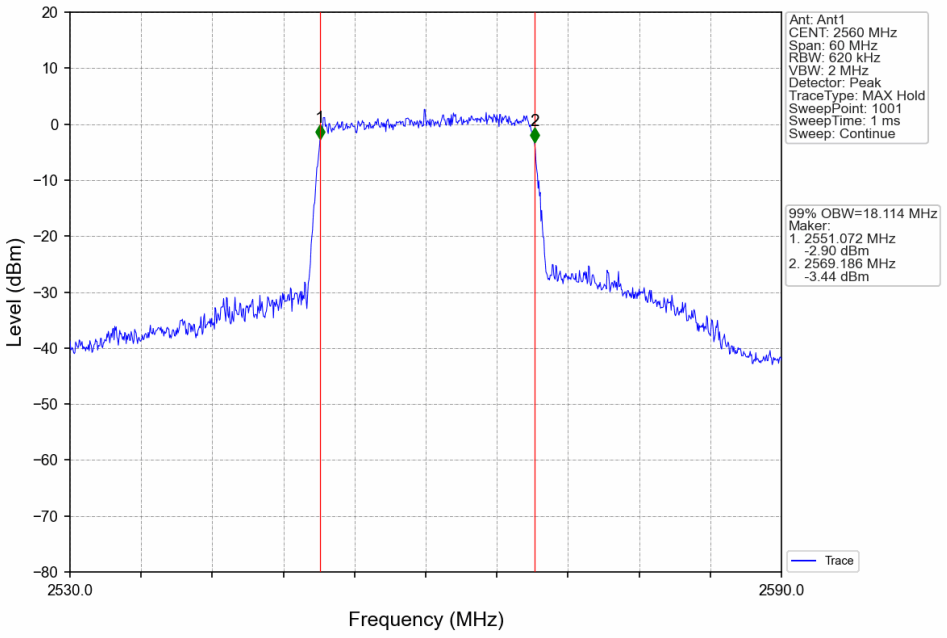
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV

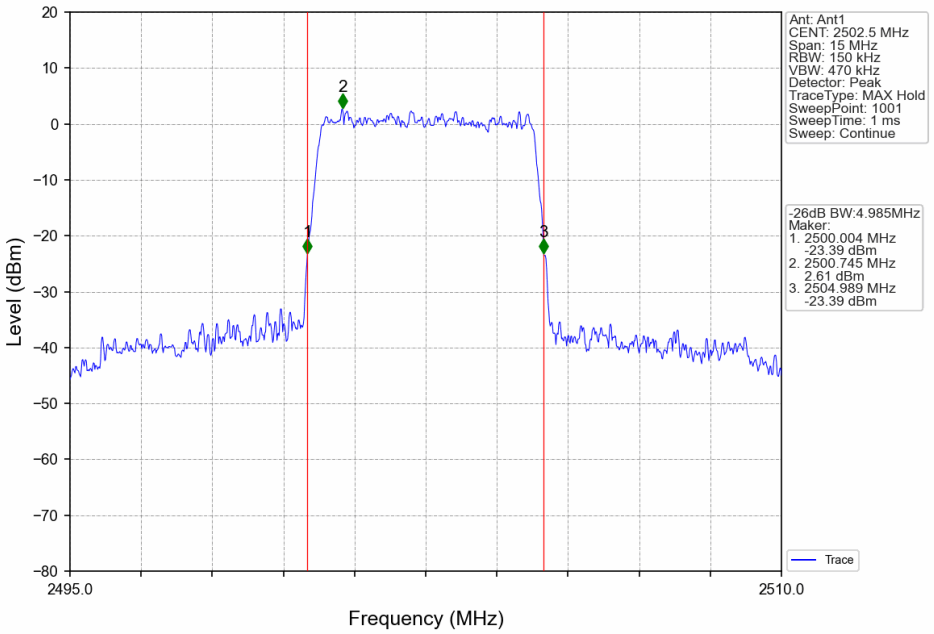


Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV

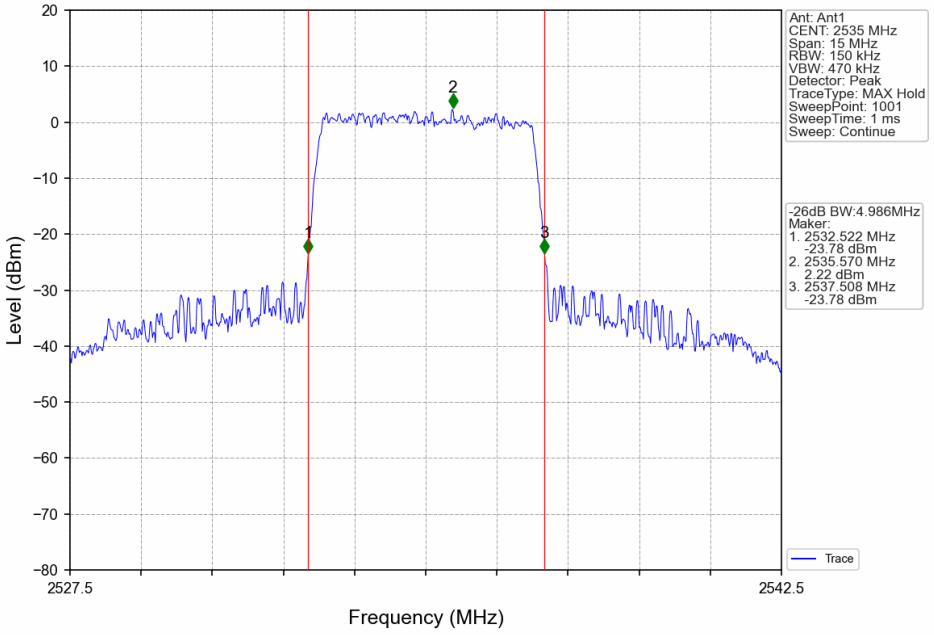


4.2.2 Band7_XDB

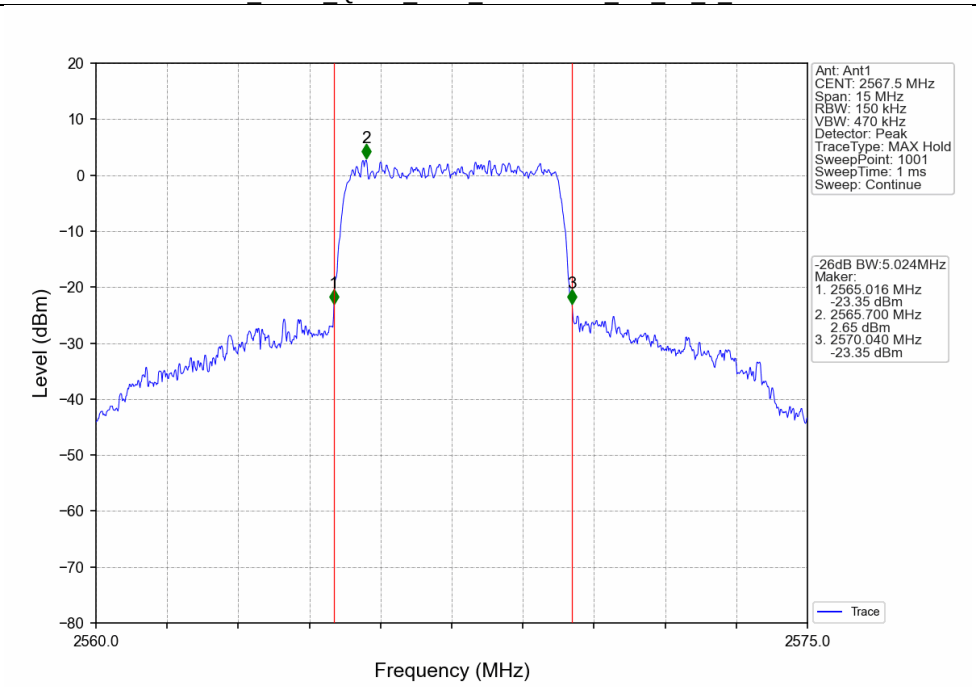
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



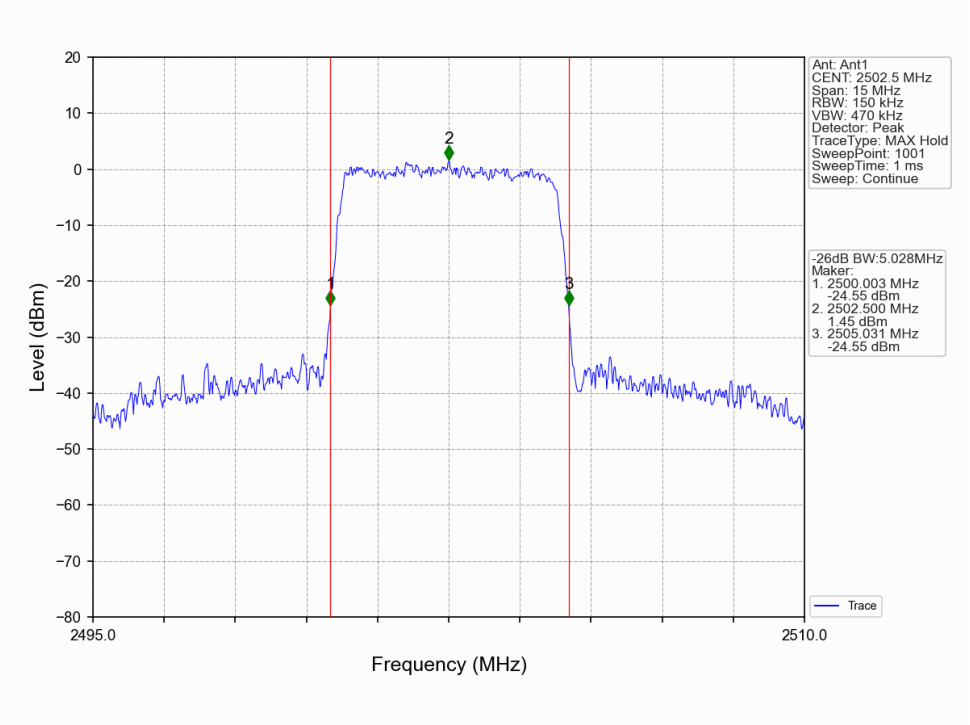
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



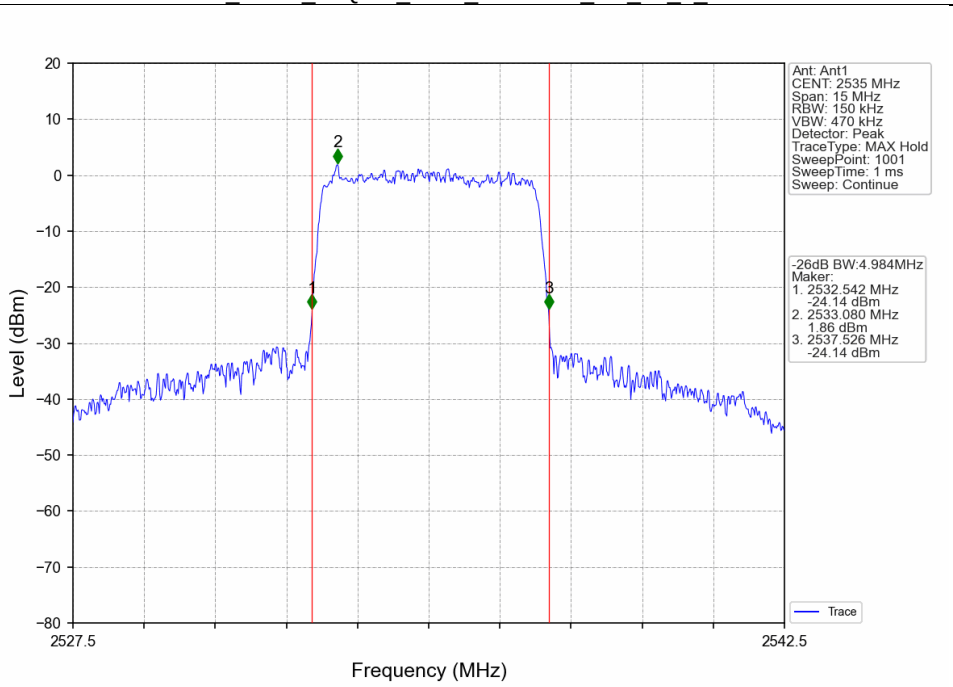
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



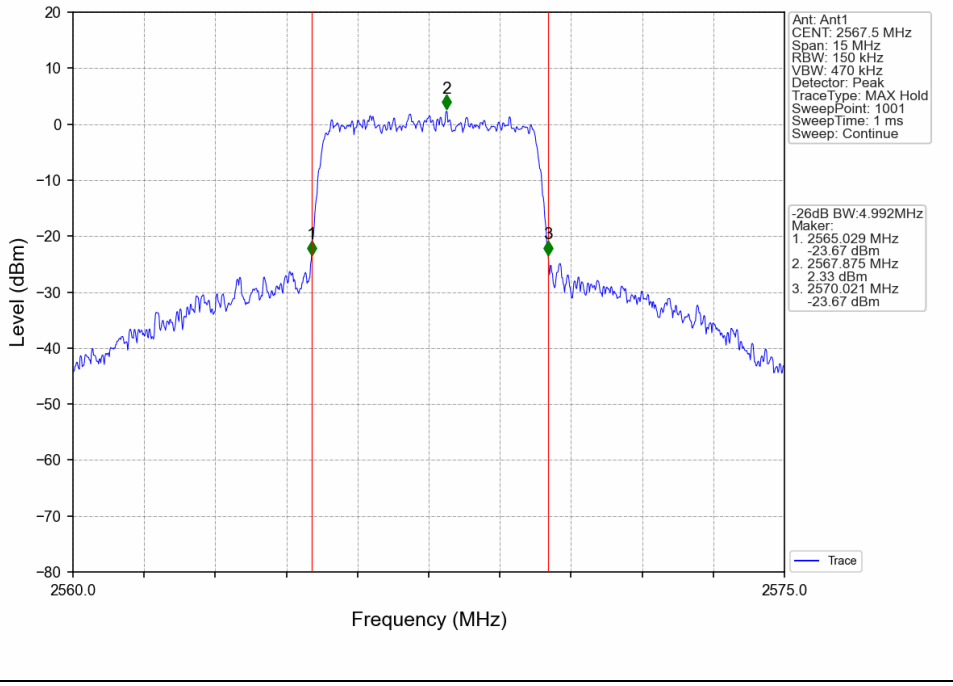
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



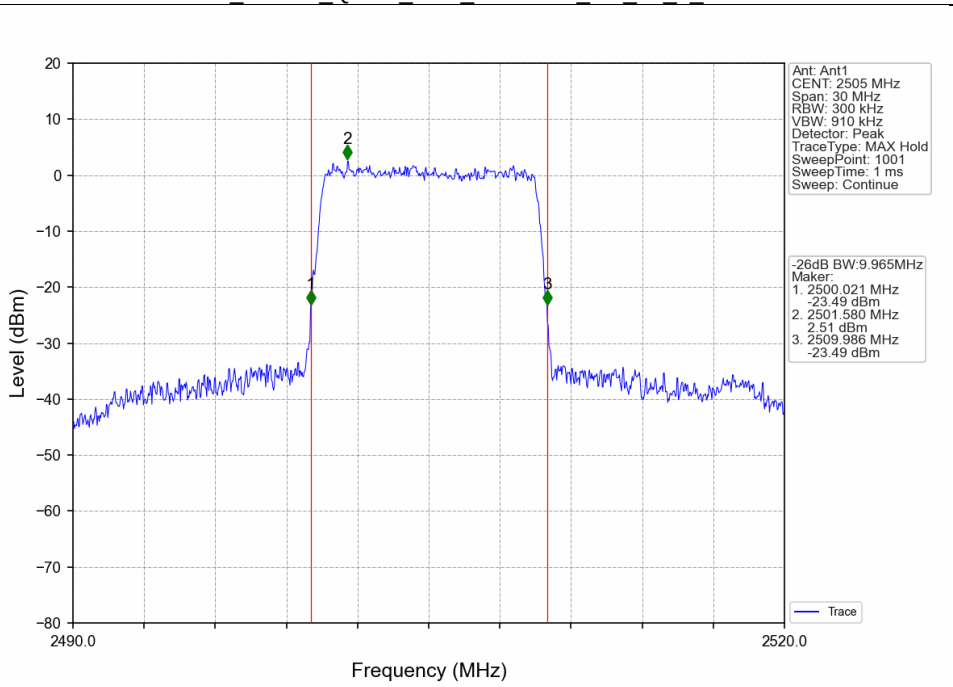
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



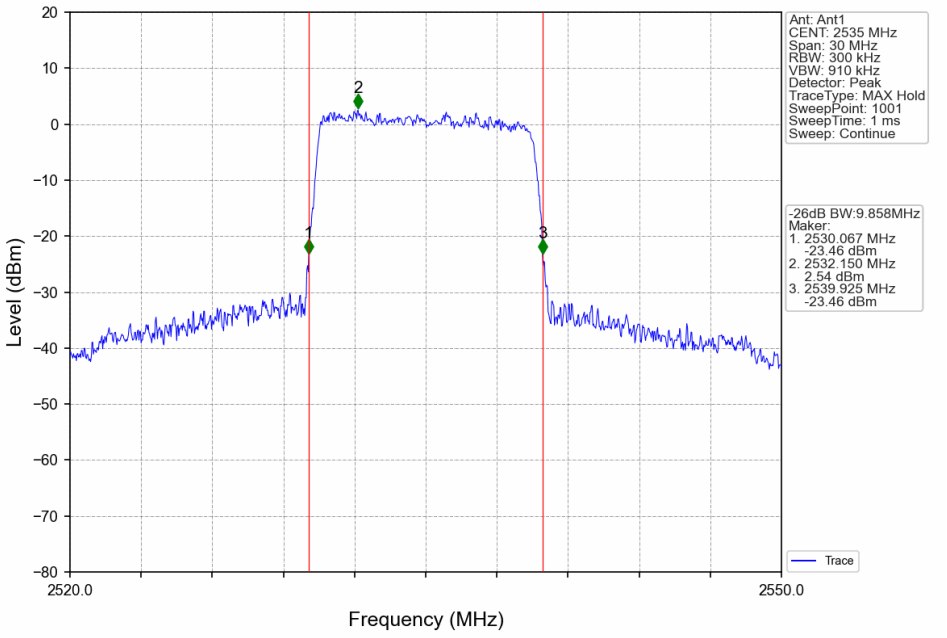
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



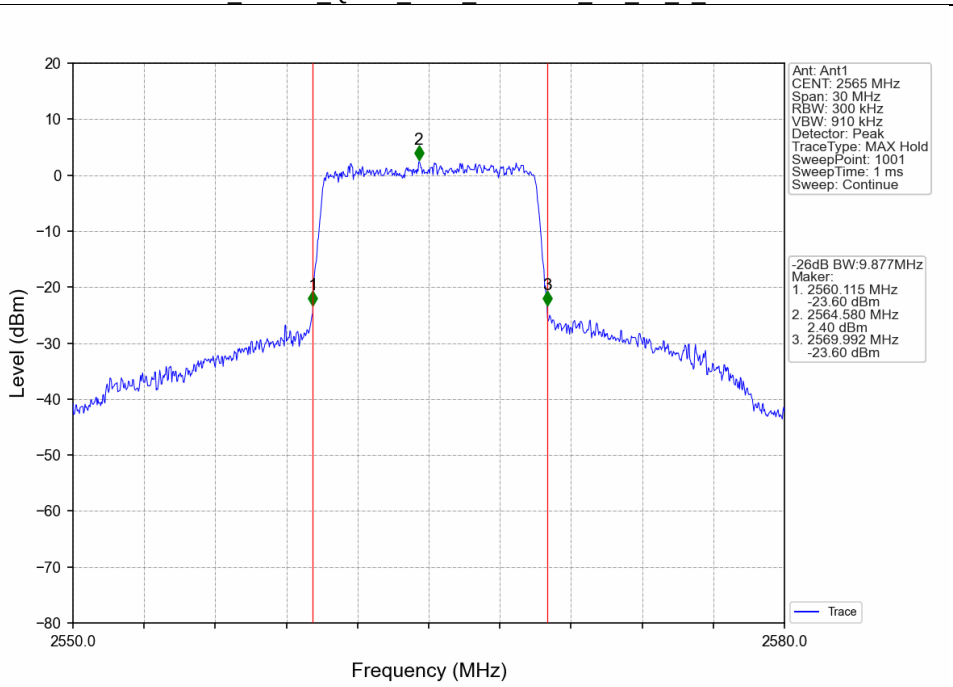
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



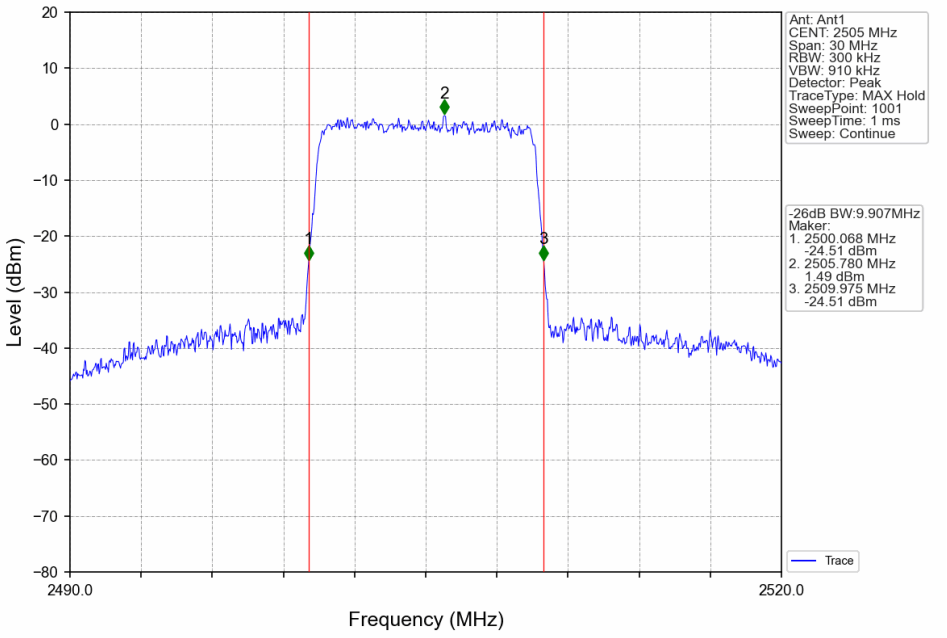
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



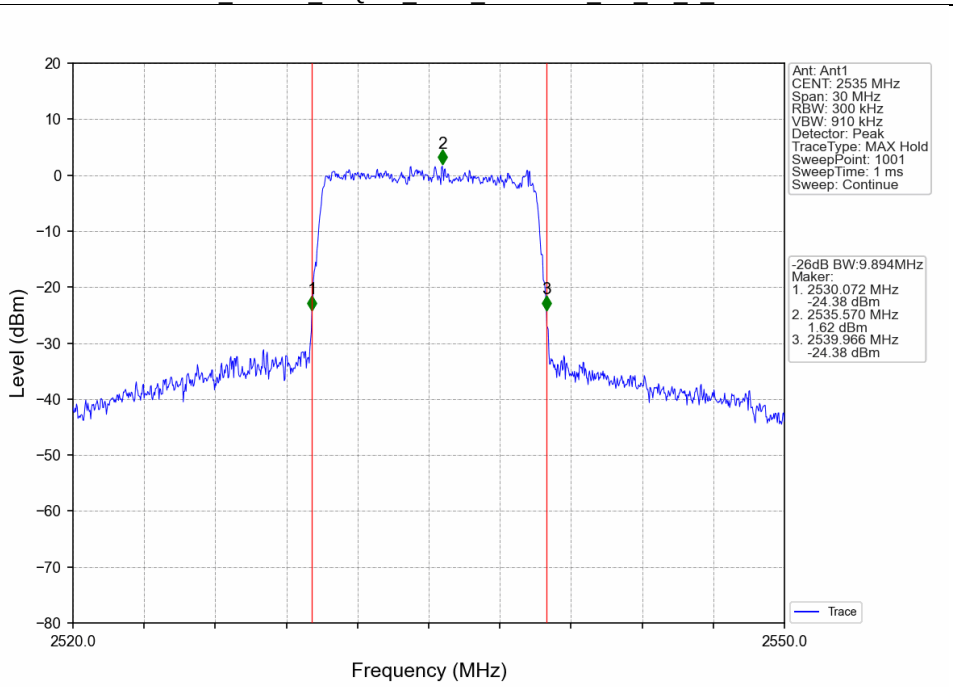
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



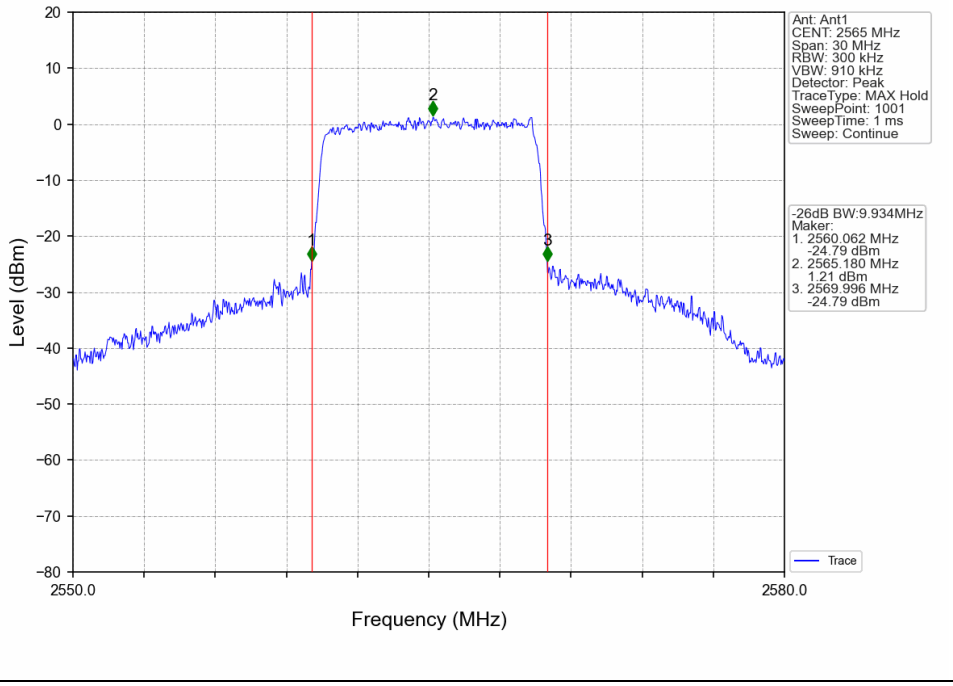
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



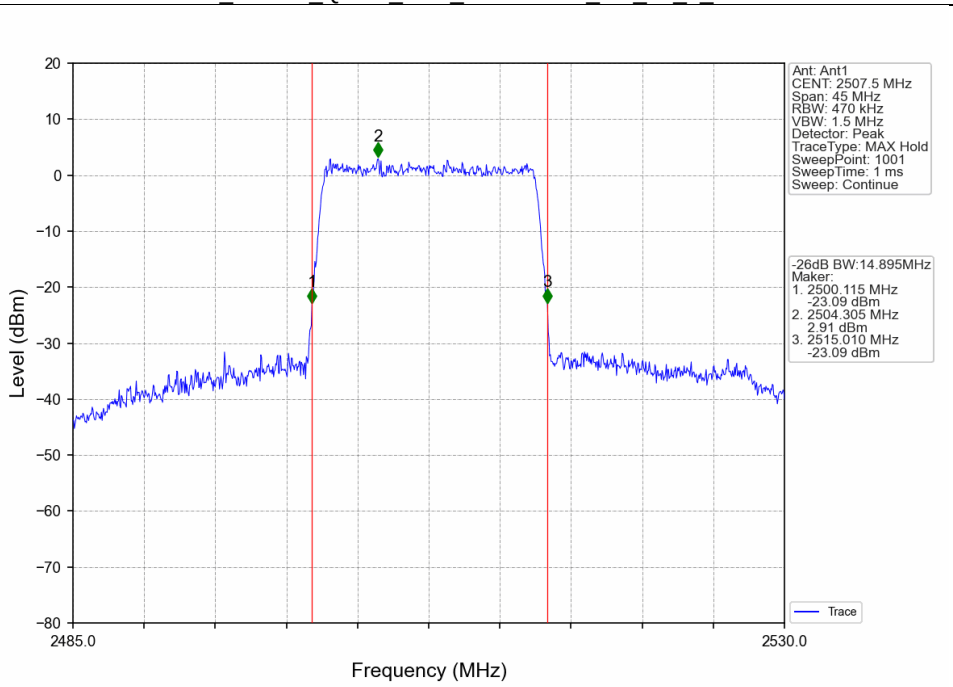
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



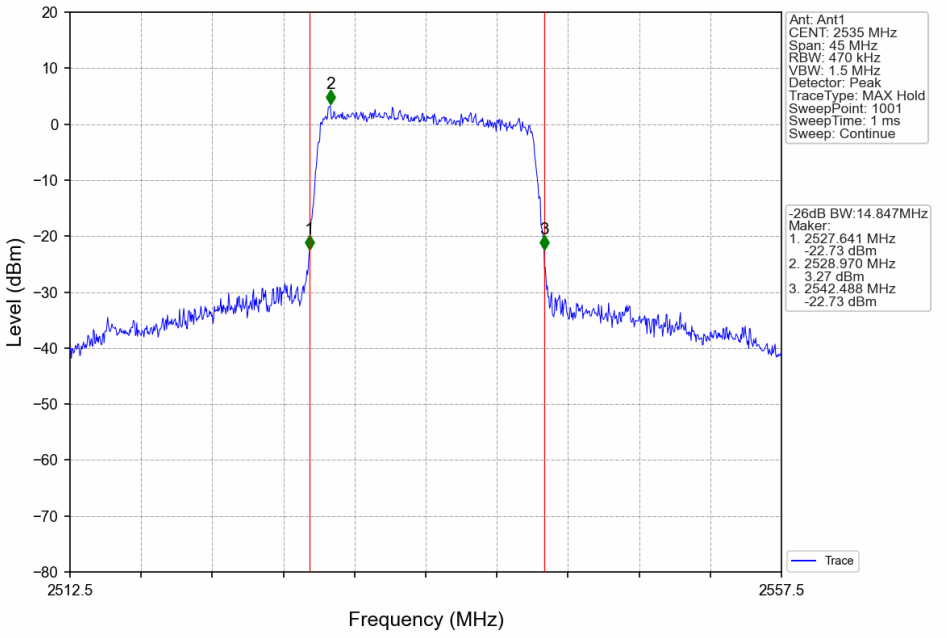
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



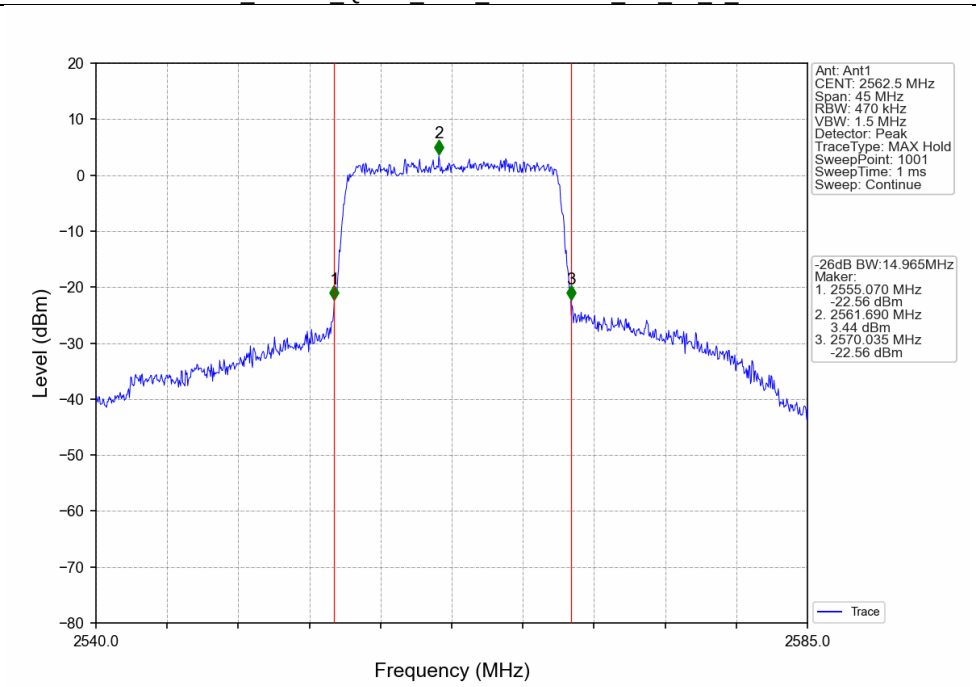
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



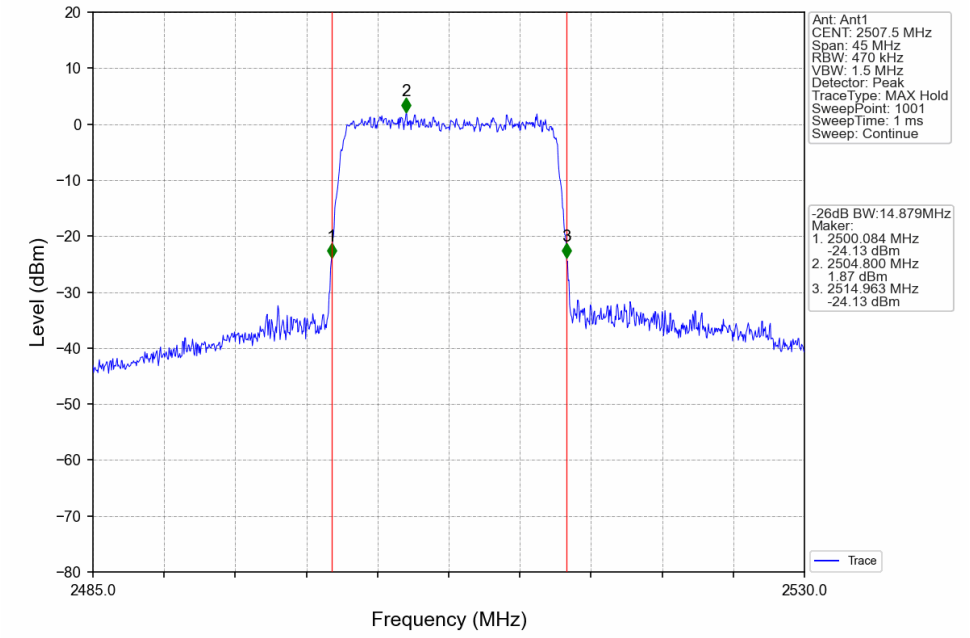
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



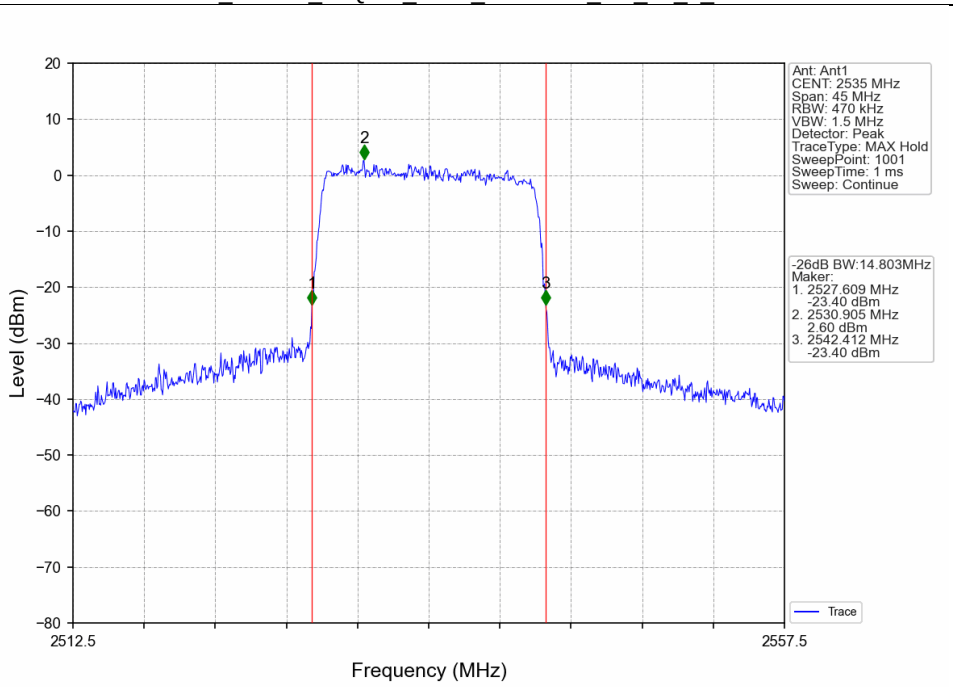
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



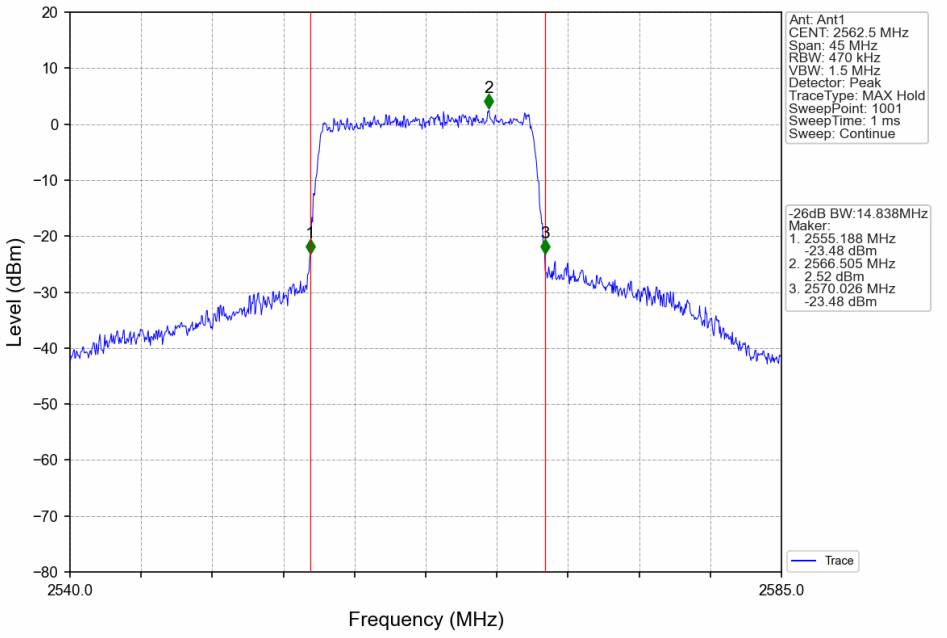
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



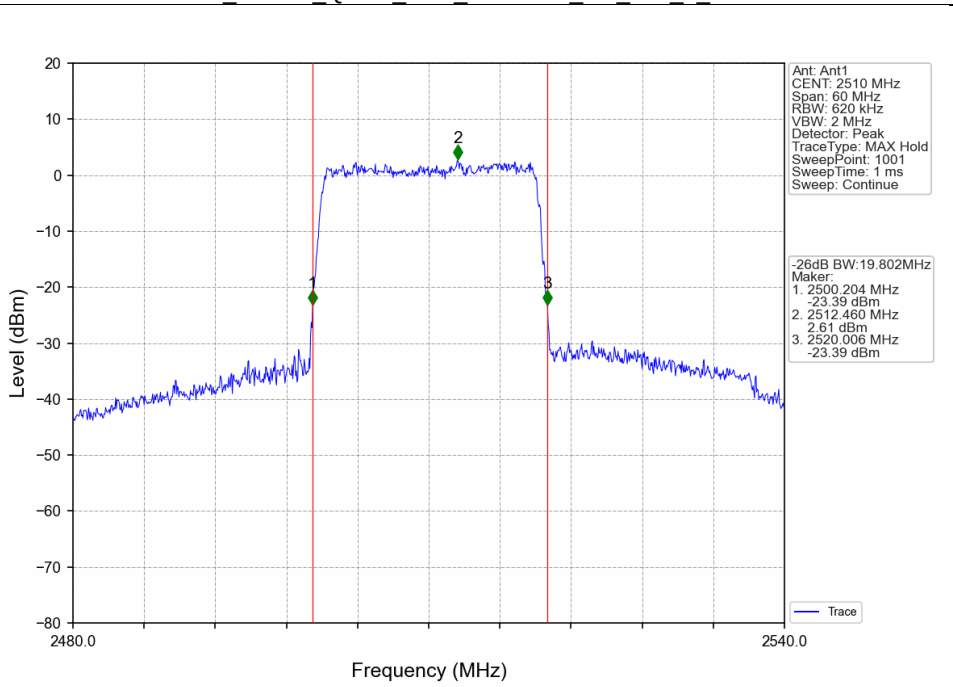
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



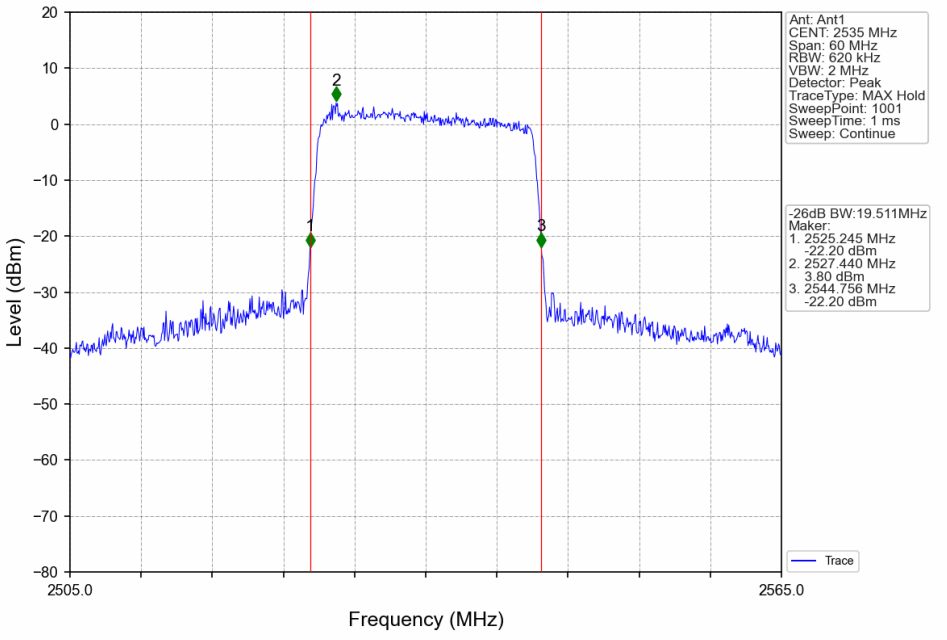
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



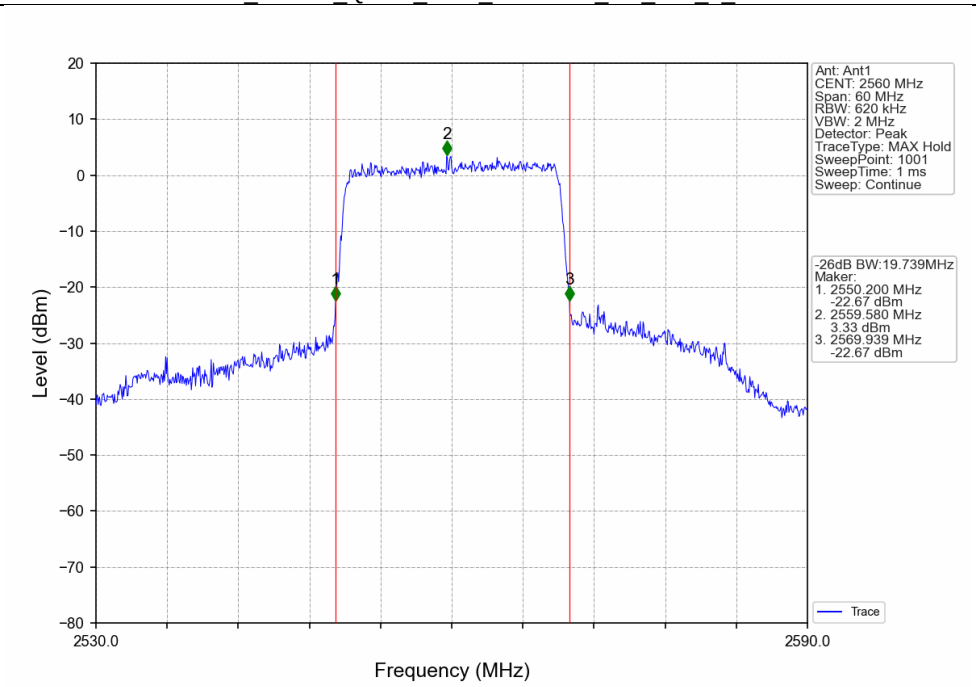
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



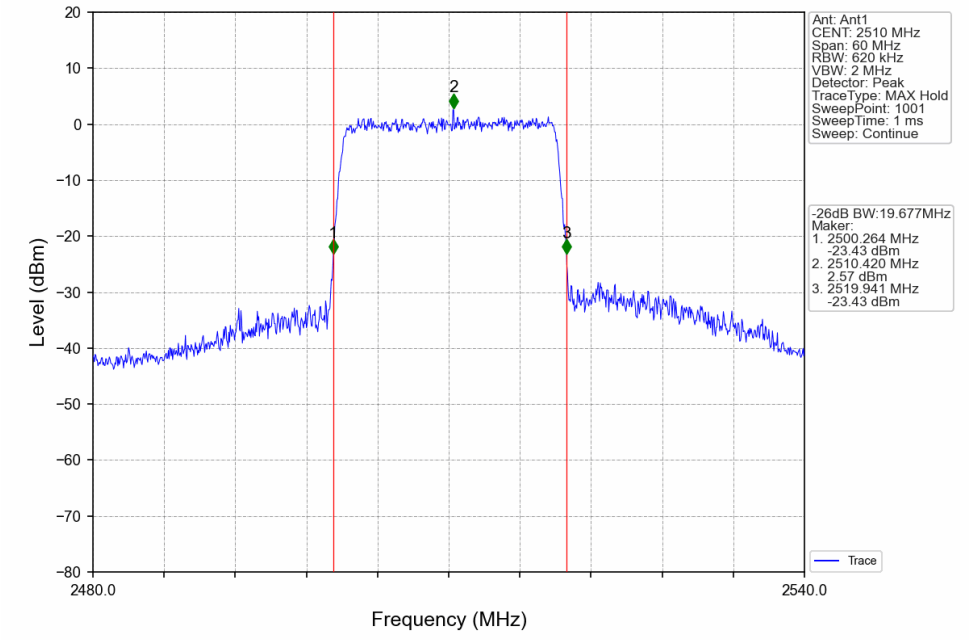
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



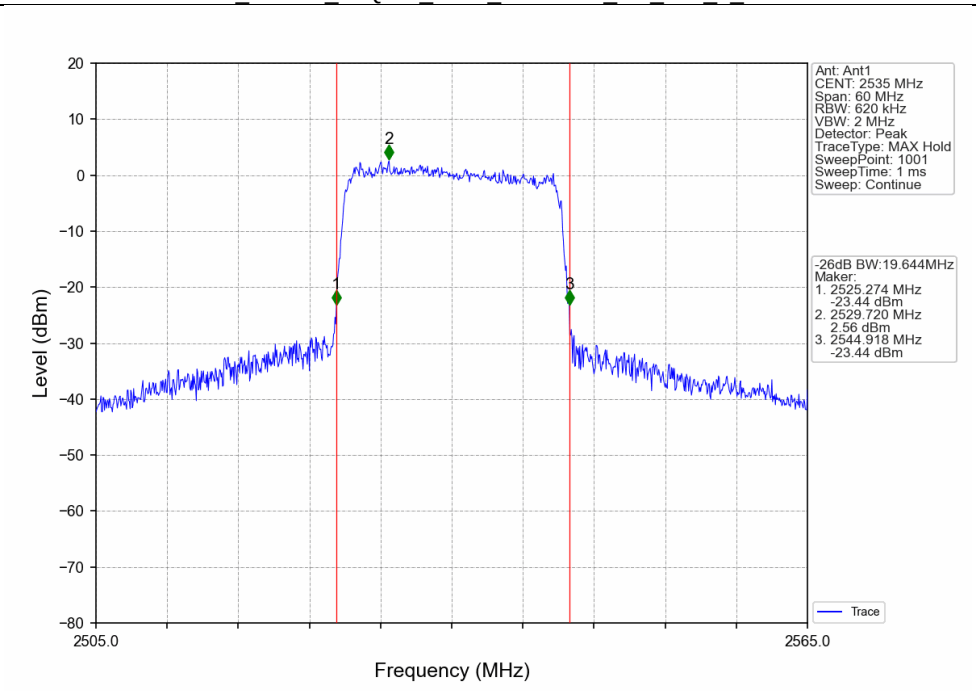
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



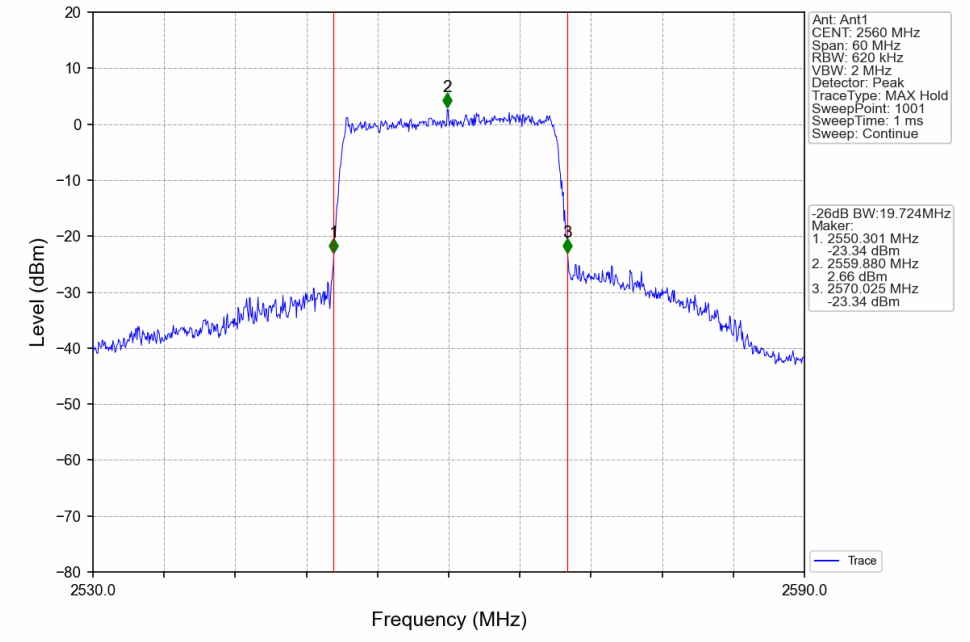
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



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	5.55	<=13	Pass
	2535	25	0	5.28	<=13	Pass
	2567.5	25	0	4.83	<=13	Pass
16QAM	2502.5	25	0	6.30	<=13	Pass
	2535	25	0	6.02	<=13	Pass
	2567.5	25	0	5.58	<=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	5.54	<=13	Pass
	2535	50	0	5.23	<=13	Pass
	2565	50	0	4.90	<=13	Pass
16QAM	2505	50	0	6.33	<=13	Pass
	2535	50	0	6.04	<=13	Pass
	2565	50	0	5.72	<=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	5.19	<=13	Pass
	2535	75	0	5.05	<=13	Pass
	2562.5	75	0	4.99	<=13	Pass
16QAM	2507.5	75	0	6.17	<=13	Pass
	2535	75	0	6.09	<=13	Pass
	2562.5	75	0	5.99	<=13	Pass

5.1.4 B7_20MHz

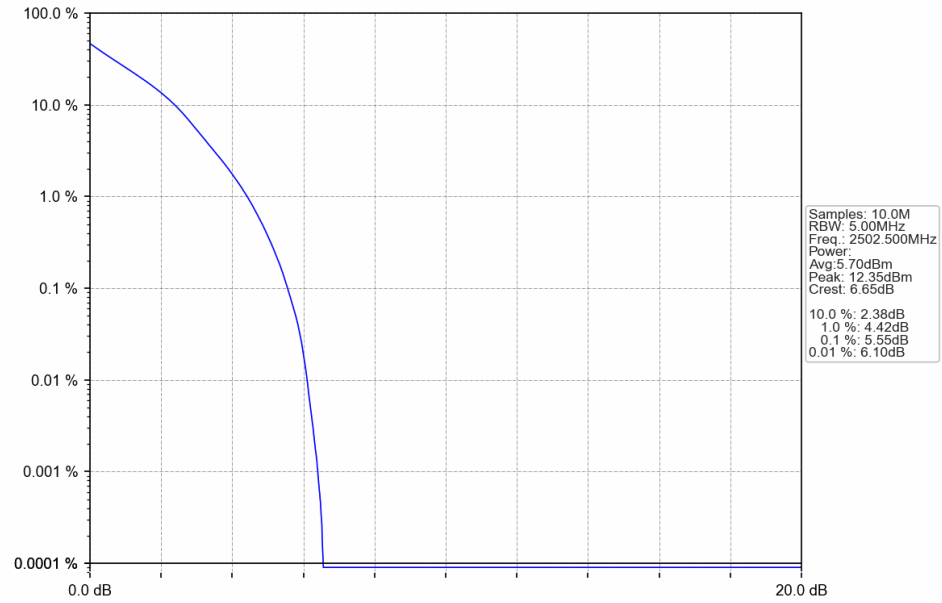
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.68	<=13	Pass
	2535	100	0	5.61	<=13	Pass
	2560	100	0	5.65	<=13	Pass
16QAM	2510	100	0	6.60	<=13	Pass

	2535	100	0	6.61	<=13	Pass
	2560	100	0	6.55	<=13	Pass

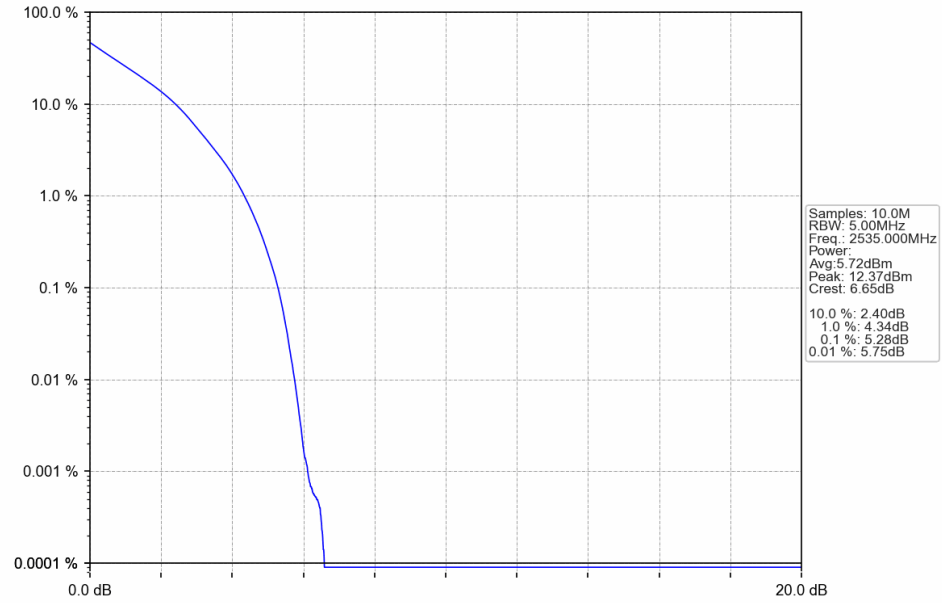
5.2 Test Graph

5.2.1 B7_5MHz

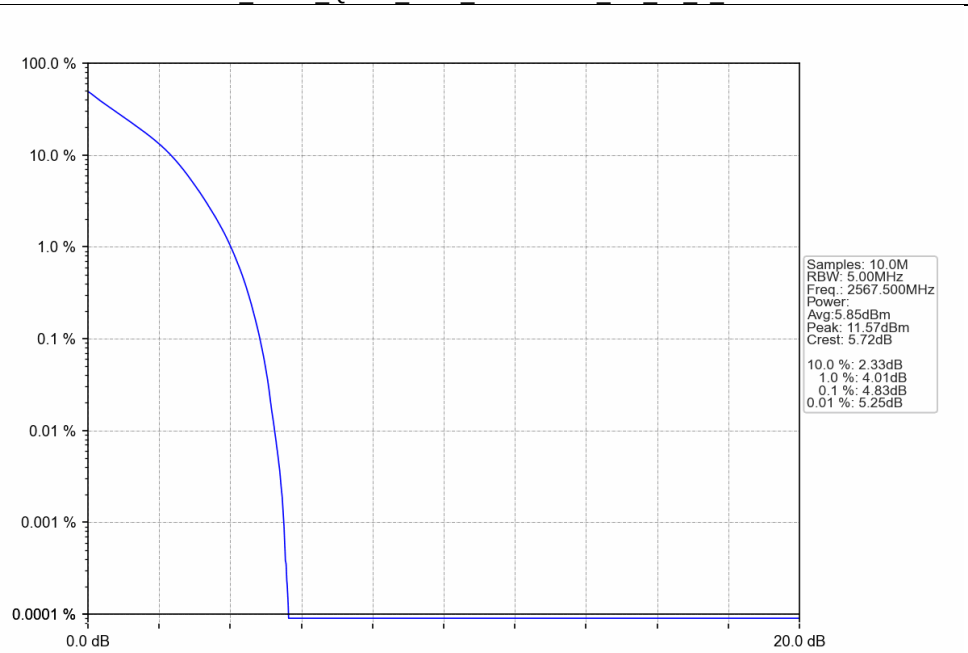
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



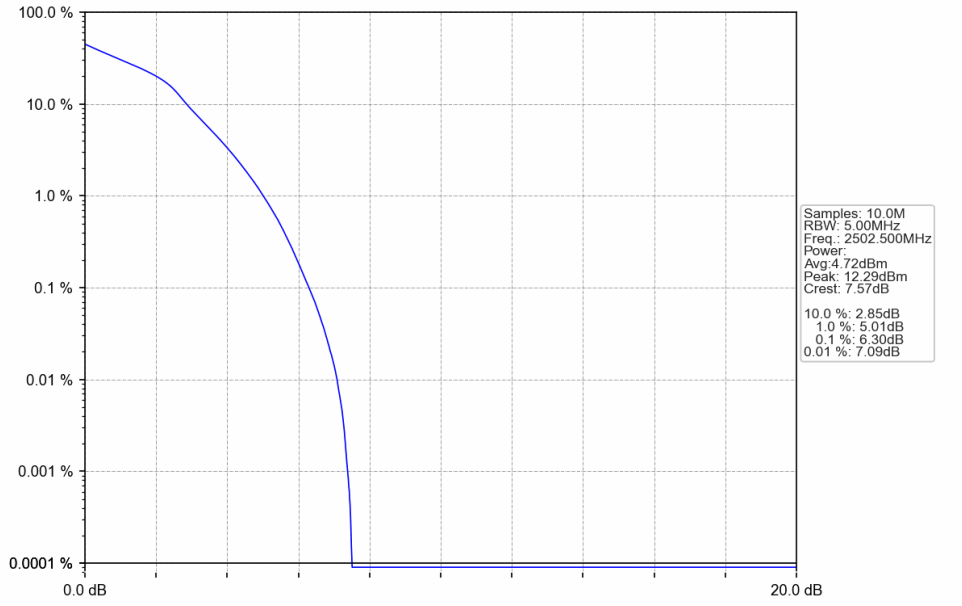
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



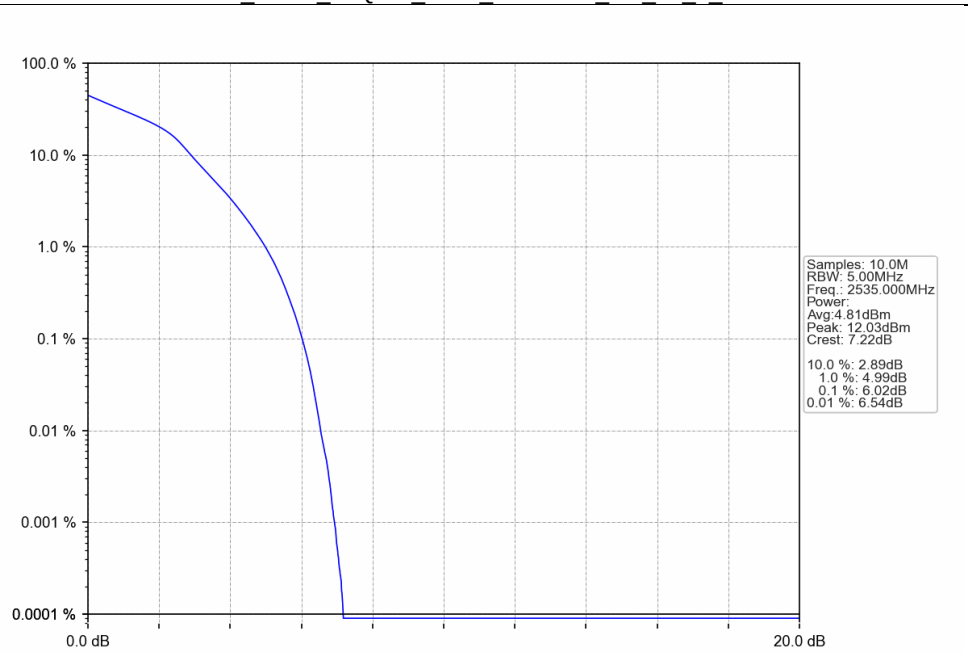
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



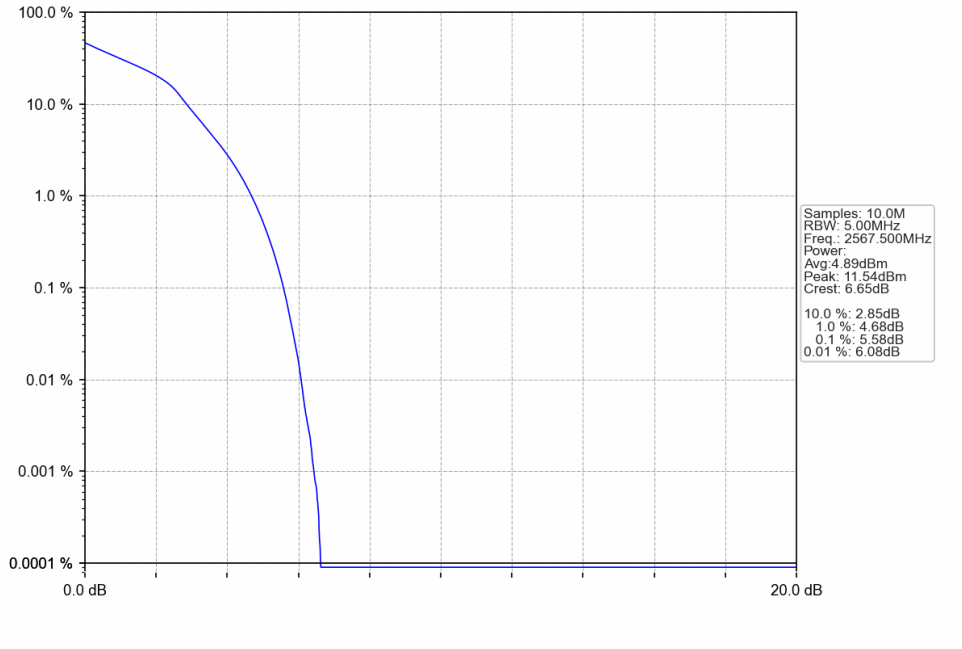
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV

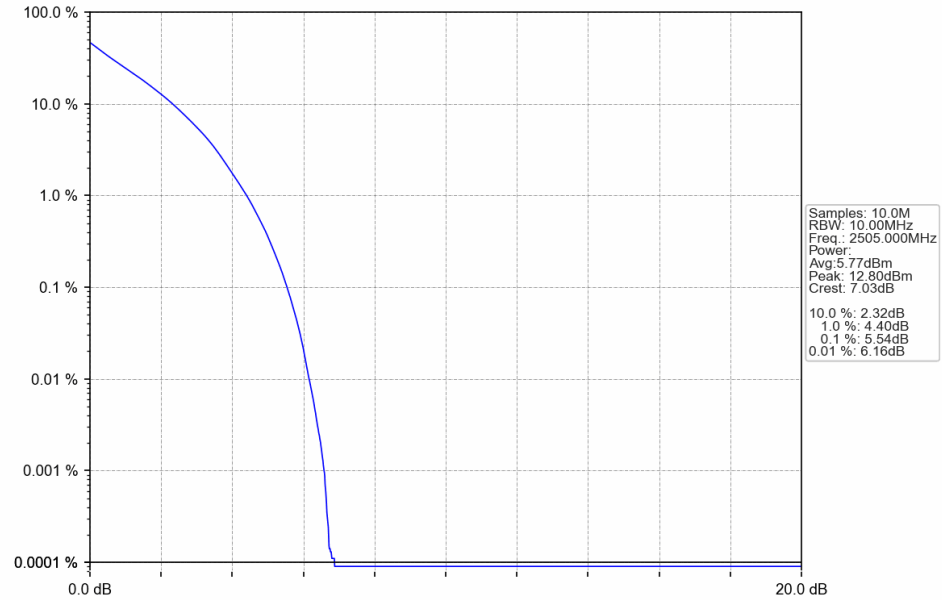


Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV

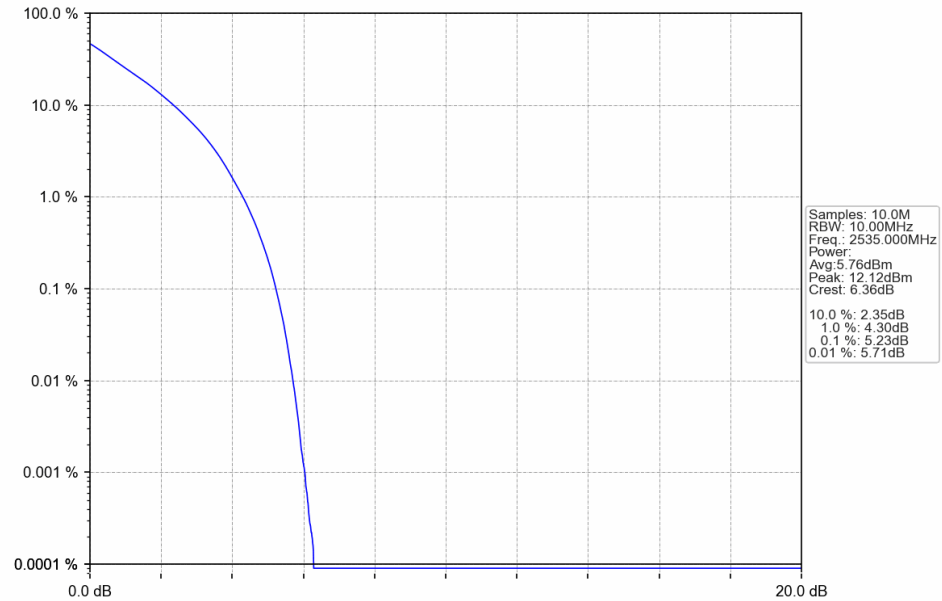


5.2.2 B7_10MHz

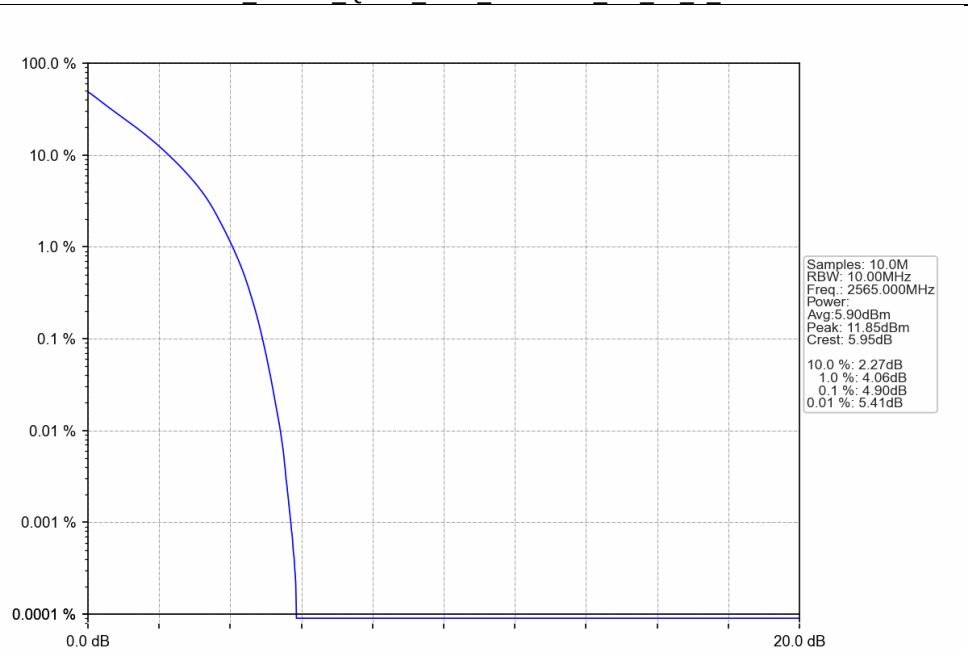
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



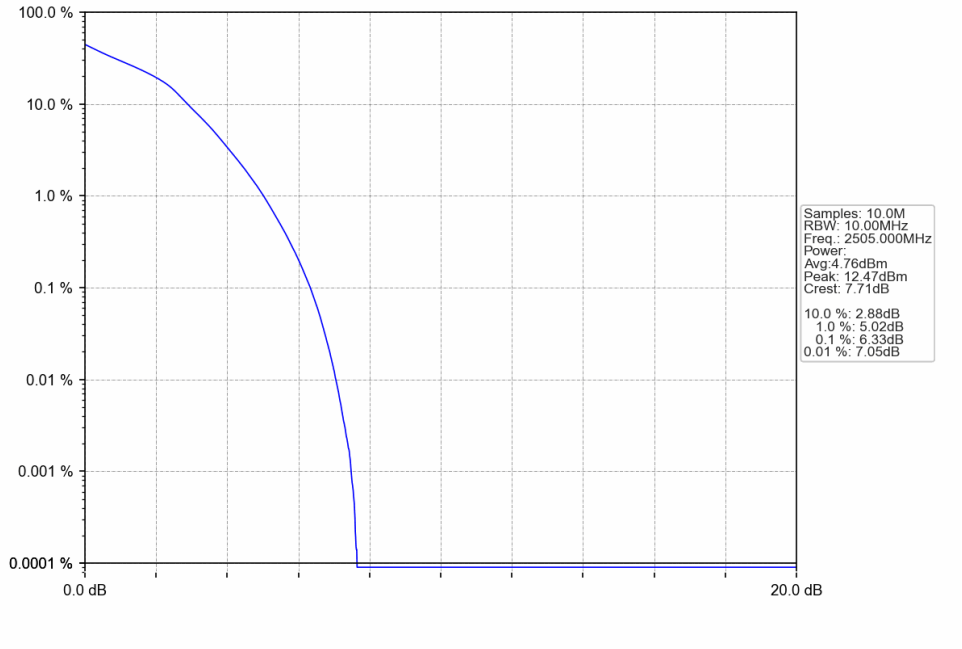
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



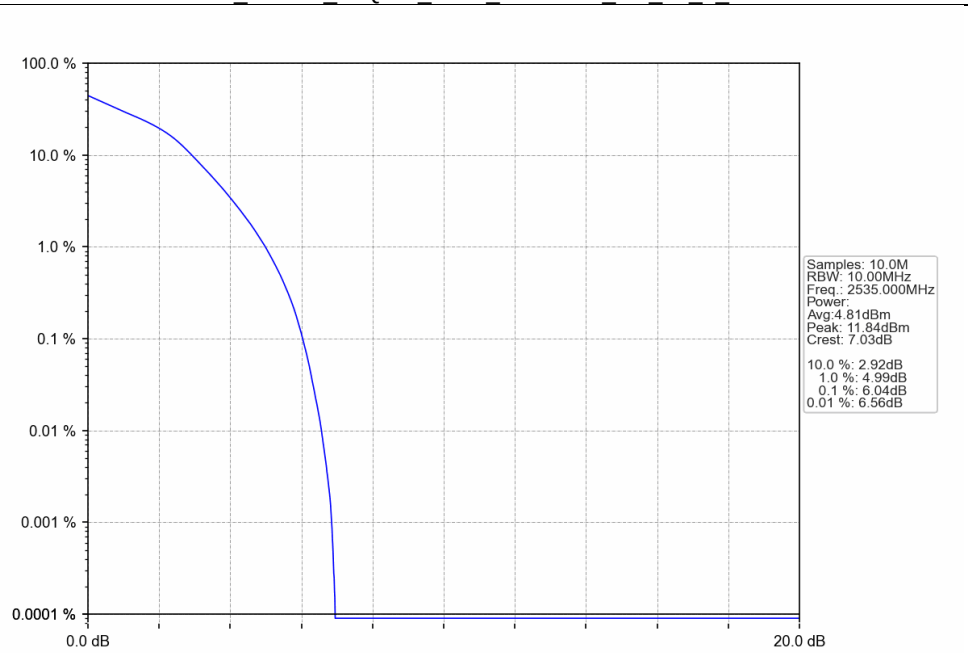
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



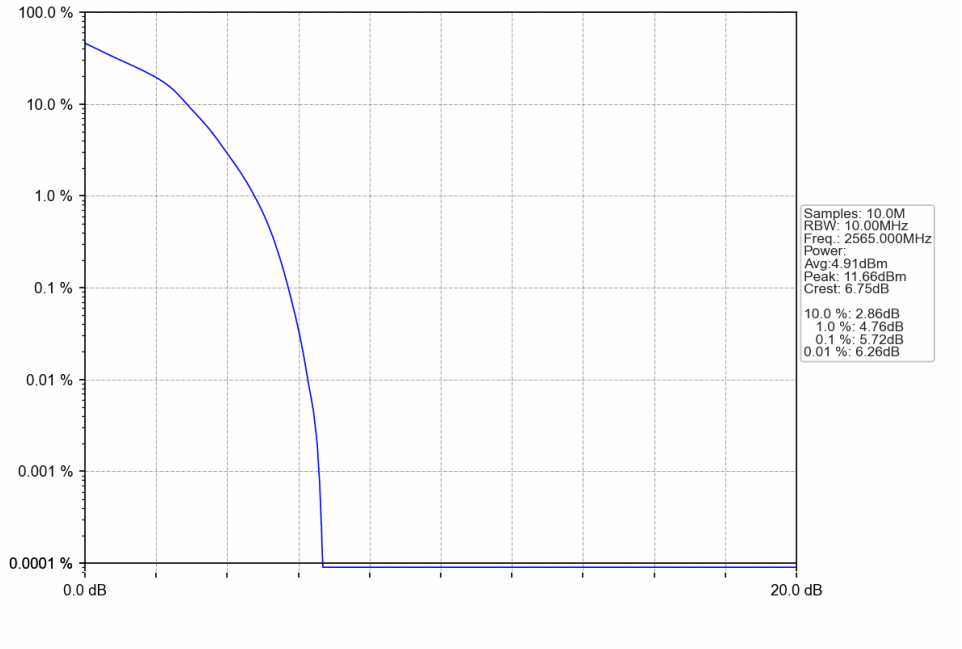
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV

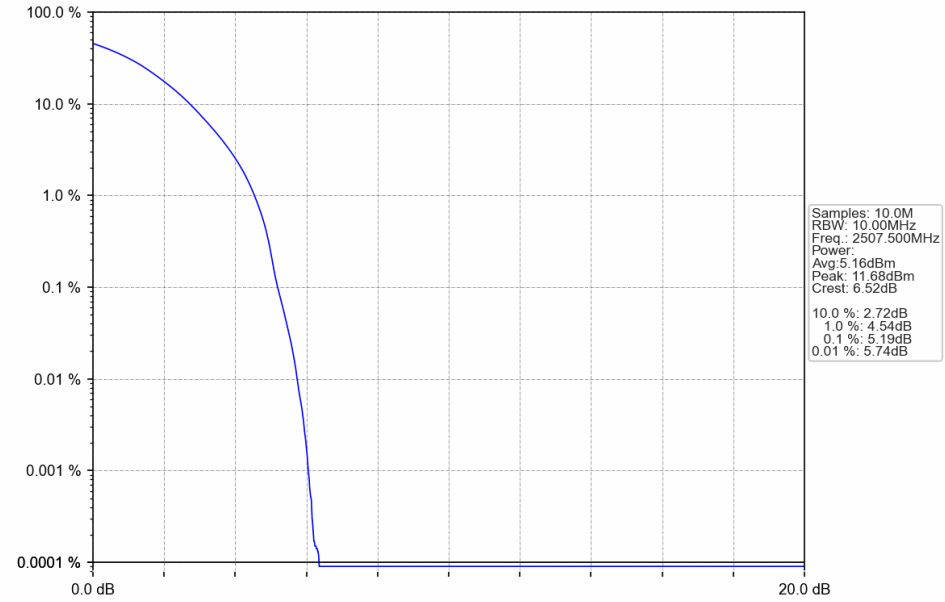


Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV

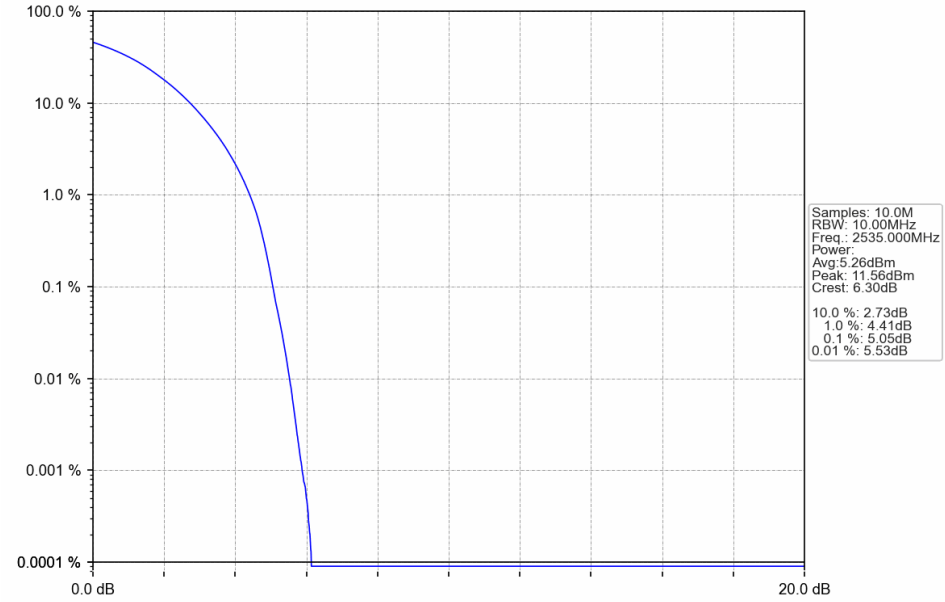


5.2.3 B7_15MHz

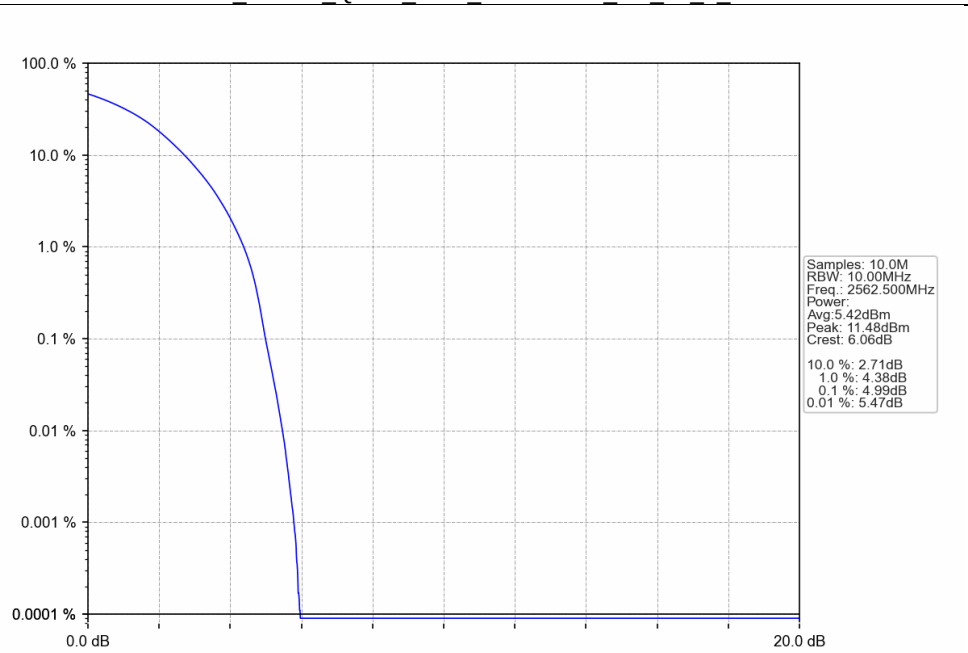
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



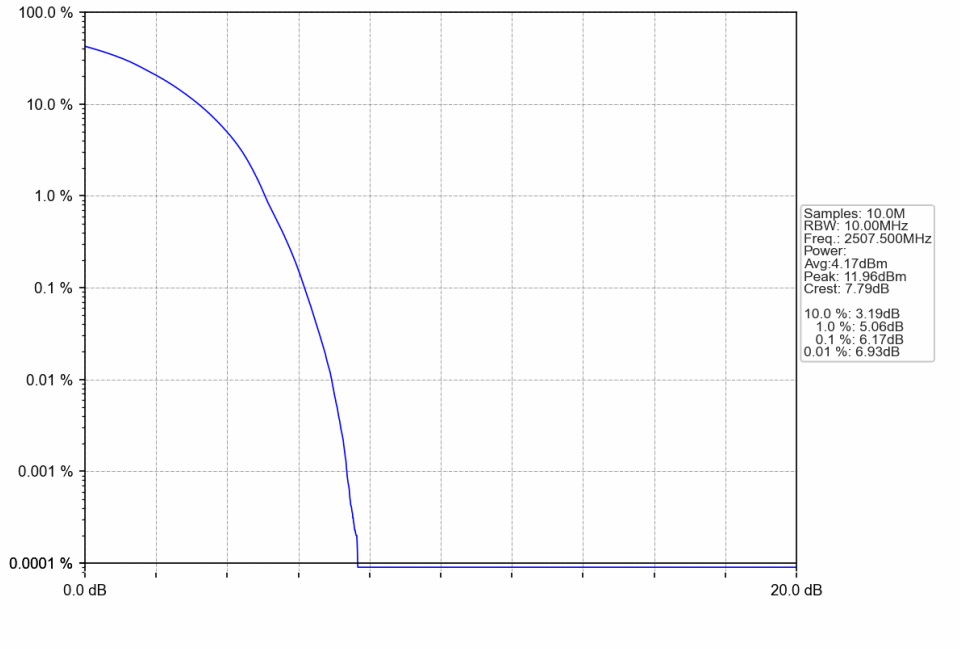
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



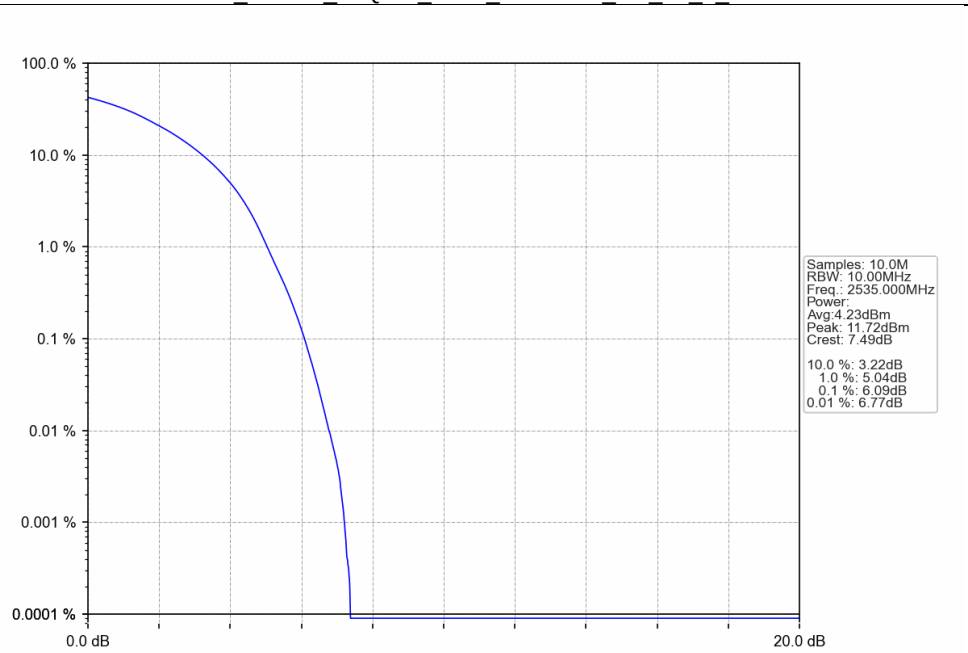
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



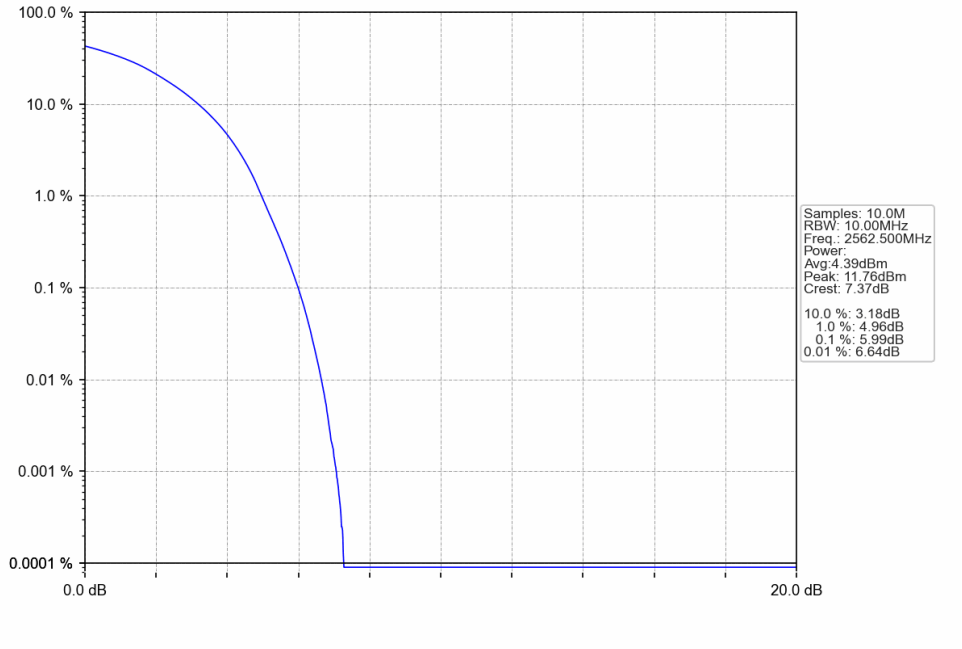
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV

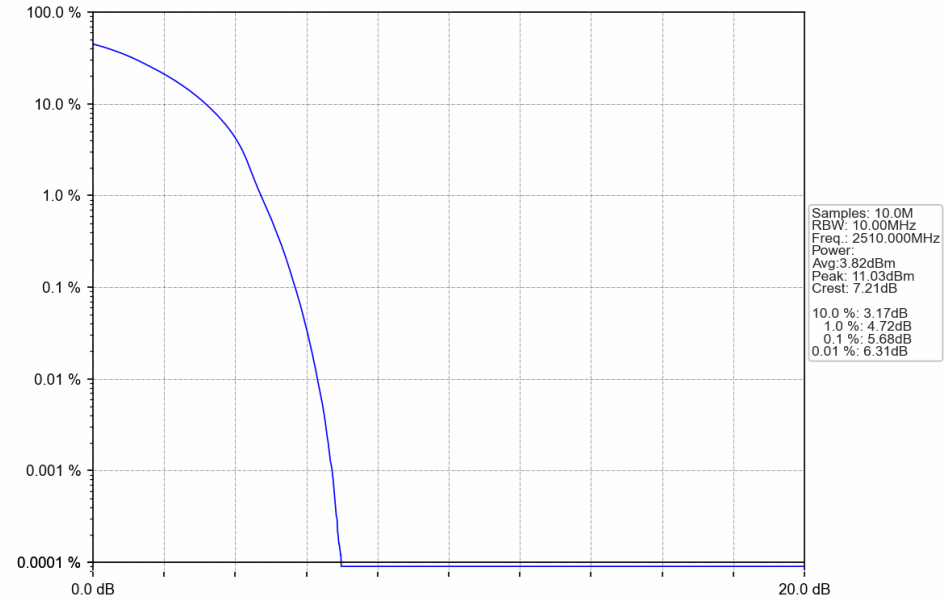


Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV

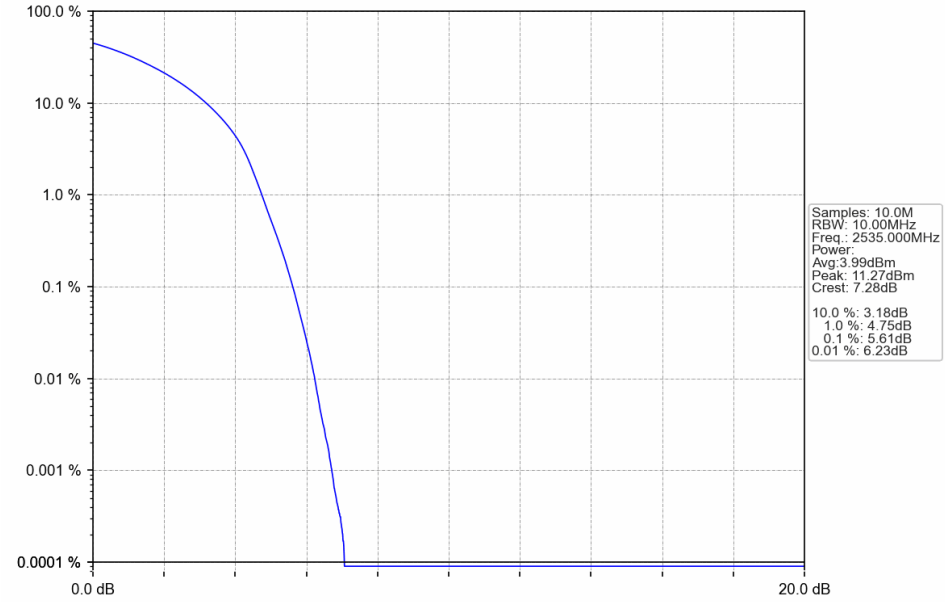


5.2.4 B7_20MHz

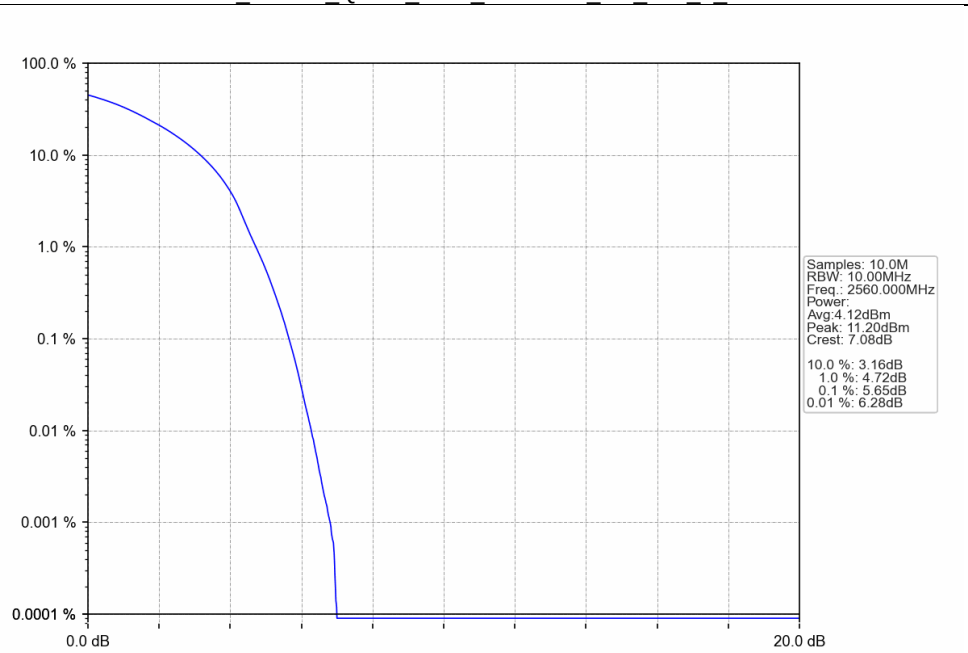
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



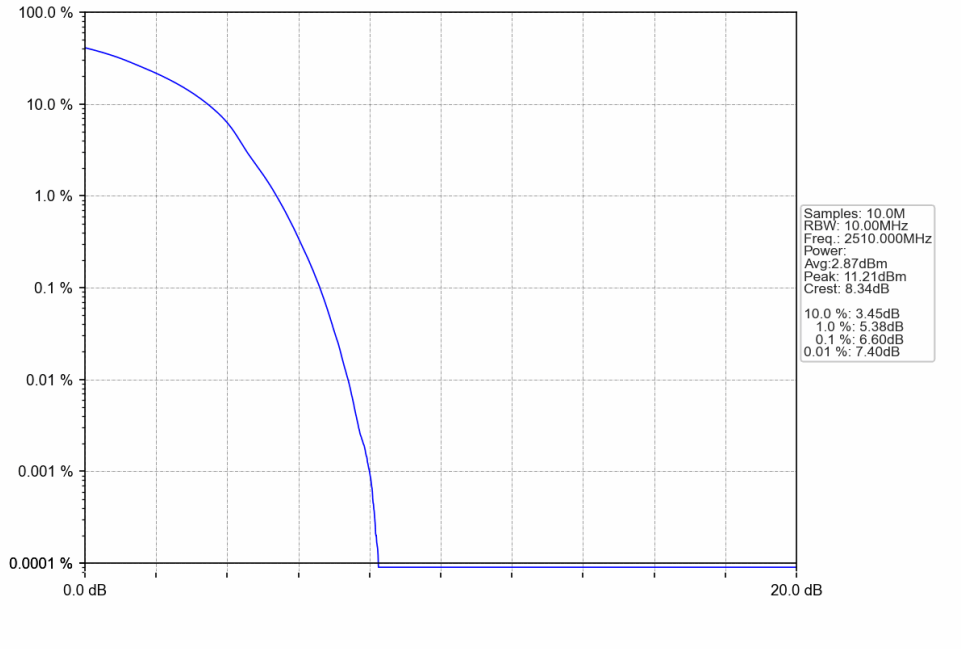
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



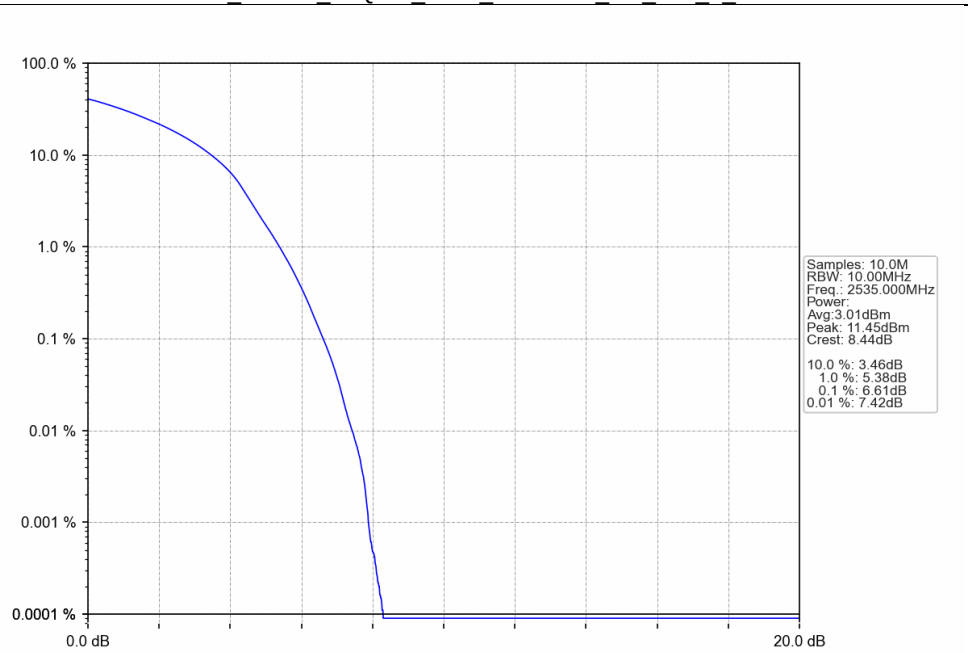
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



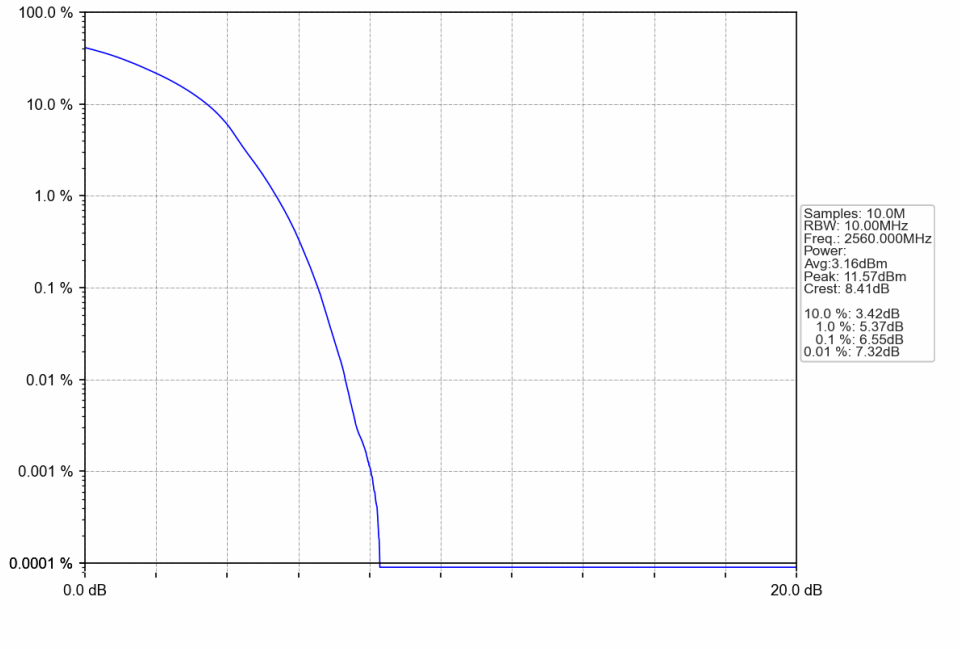
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

16QAM	2507.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
	2562.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

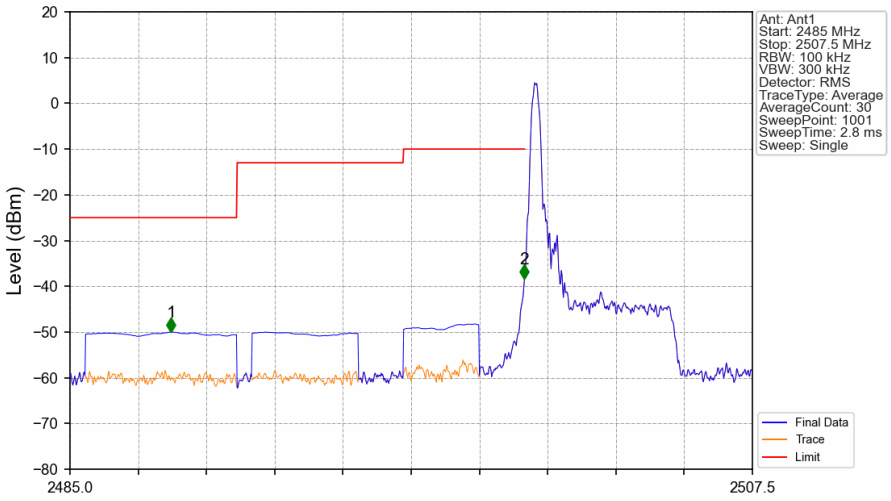
6.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

6.2 Test Graph

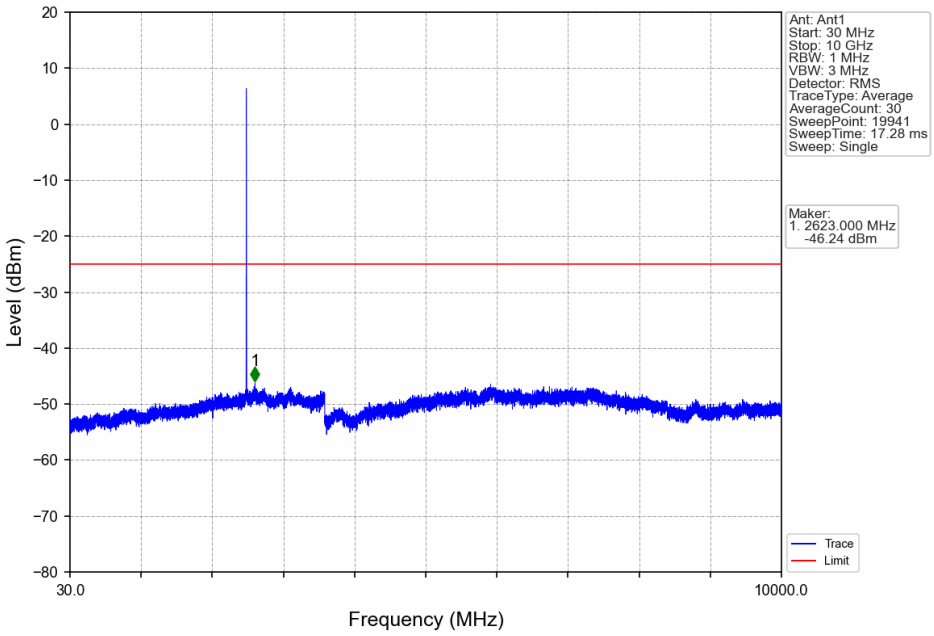
6.2.1 B7_5MHz

Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

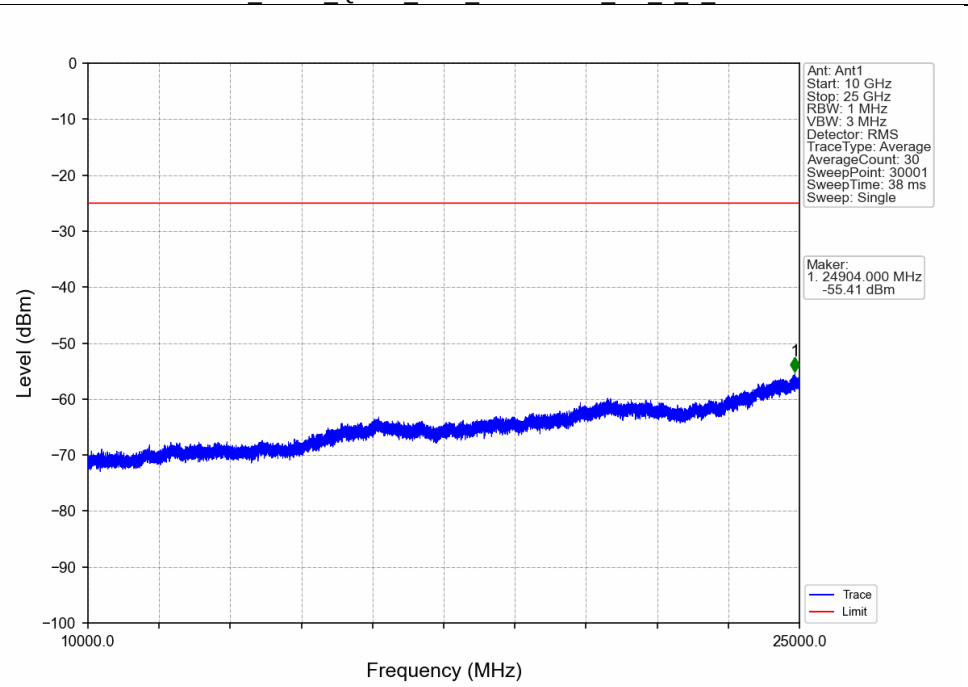


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2488.330	-50.02	-25	Pass
2499	2500	0.1	/	2	2499.985	-38.37	-10	Pass
2500	2507.5	0.1	/	/	/	/	/	/

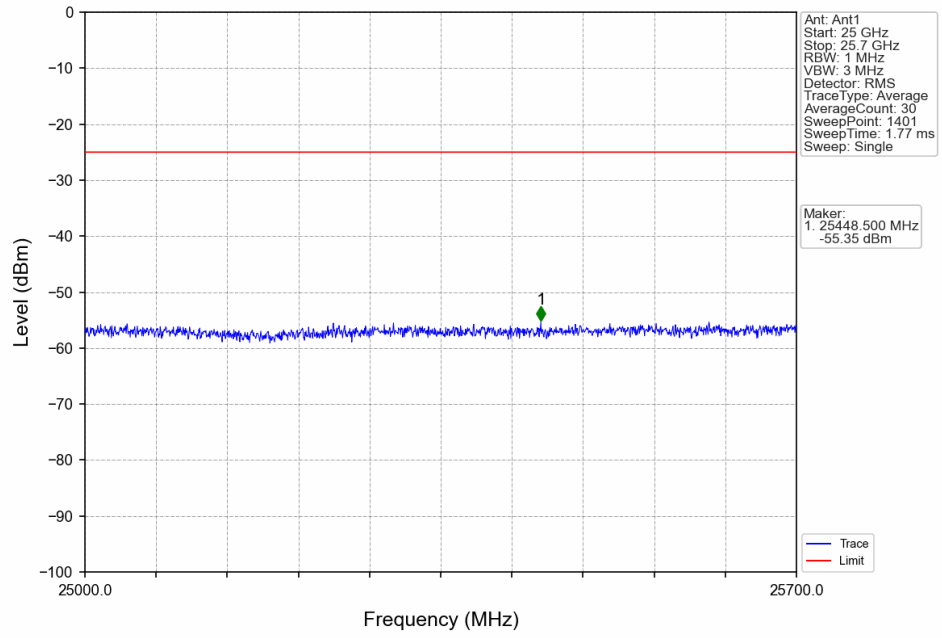
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



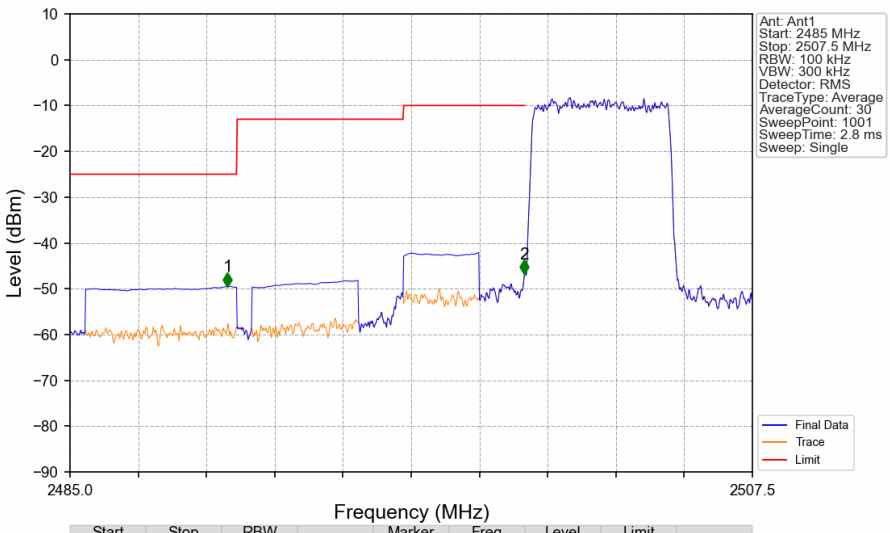
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

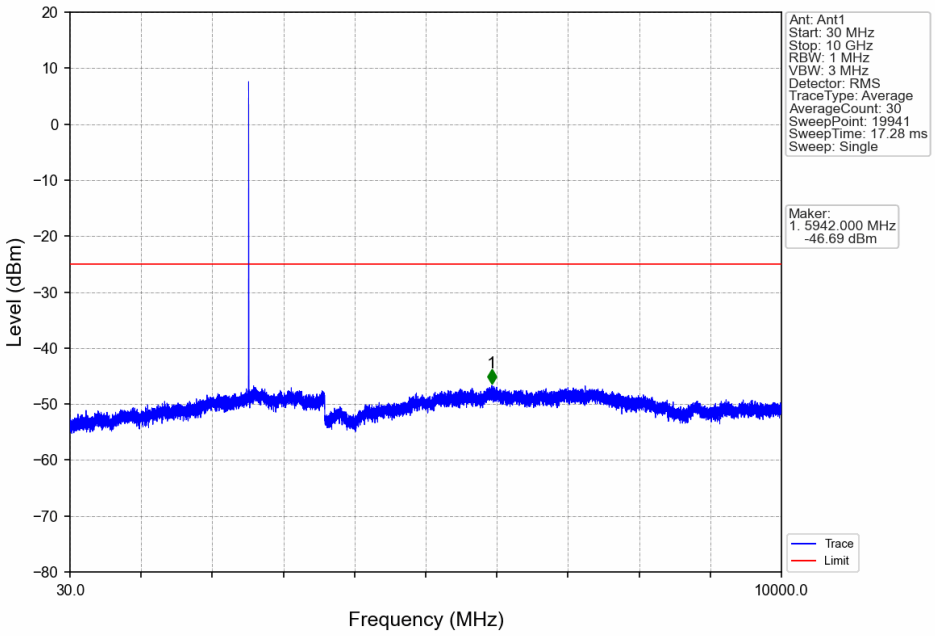


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

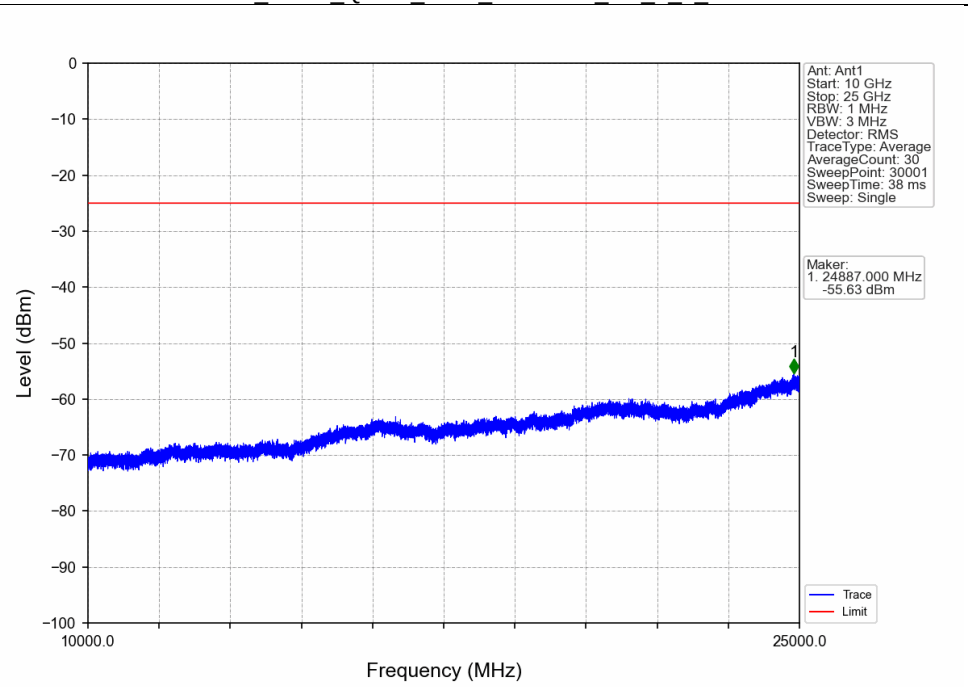


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2490.198	-49.52	-25	Pass
2499	2500	0.1	/	2	2499.985	-46.75	-10	Pass
2500	2507.5	0.1	/	/	/	/	/	/

Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV