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	20.43	-1.01	19.42	<=33.01	Pass
			13	20.54	-1.01	19.53	<=33.01	Pass
			24	20.53	-1.01	19.52	<=33.01	Pass
		12	0	19.49	-1.01	18.48	<=33.01	Pass
			6	19.56	-1.01	18.55	<=33.01	Pass
			13	19.48	-1.01	18.47	<=33.01	Pass
		25	0	19.57	-1.01	18.56	<=33.01	Pass
	2535	1	0	20.40	-1.01	19.39	<=33.01	Pass
			13	18.27	-1.01	17.26	<=33.01	Pass
			24	18.34	-1.01	17.33	<=33.01	Pass
		12	0	17.40	-1.01	16.39	<=33.01	Pass
			6	17.38	-1.01	16.37	<=33.01	Pass
			13	19.39	-1.01	18.38	<=33.01	Pass
		25	0	17.42	-1.01	16.41	<=33.01	Pass
	2567.5	1	0	20.73	-1.01	19.72	<=33.01	Pass
			13	18.82	-1.01	17.81	<=33.01	Pass
			24	18.85	-1.01	17.84	<=33.01	Pass
		12	0	17.89	-1.01	16.88	<=33.01	Pass
			6	19.88	-1.01	18.87	<=33.01	Pass
			13	17.93	-1.01	16.92	<=33.01	Pass
		25	0	19.93	-1.01	18.92	<=33.01	Pass
16QAM	2502.5	1	0	19.42	-1.01	18.41	<=33.01	Pass
			13	19.50	-1.01	18.49	<=33.01	Pass
			24	19.49	-1.01	18.48	<=33.01	Pass
		12	0	18.76	-1.01	17.75	<=33.01	Pass
			6	18.81	-1.01	17.80	<=33.01	Pass
			13	18.63	-1.01	17.62	<=33.01	Pass
		25	0	18.61	-1.01	17.60	<=33.01	Pass
	2535	1	0	16.87	-1.01	15.86	<=33.01	Pass
			13	16.87	-1.01	15.86	<=33.01	Pass
			24	16.93	-1.01	15.92	<=33.01	Pass
		12	0	16.60	-1.01	15.59	<=33.01	Pass
			6	18.63	-1.01	17.62	<=33.01	Pass
			13	17.87	-1.01	16.86	<=33.01	Pass
		25	0	16.61	-1.01	15.60	<=33.01	Pass
	2567.5	1	0	17.86	-1.01	16.85	<=33.01	Pass
			13	17.92	-1.01	16.91	<=33.01	Pass
			24	17.92	-1.01	16.91	<=33.01	Pass
		12	0	17.45	-1.01	16.44	<=33.01	Pass
			6	19.13	-1.01	18.12	<=33.01	Pass
			13	17.14	-1.01	16.13	<=33.01	Pass
		25	0	18.48	-1.01	17.47	<=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	20.49	-1.01	19.48	<=33.01	Pass
			25	20.55	-1.01	19.54	<=33.01	Pass
			49	20.50	-1.01	19.49	<=33.01	Pass
		25	0	19.57	-1.01	18.56	<=33.01	Pass
			13	19.55	-1.01	18.54	<=33.01	Pass
			25	19.49	-1.01	18.48	<=33.01	Pass
		50	0	19.63	-1.01	18.62	<=33.01	Pass
	2535	1	0	20.32	-1.01	19.31	<=33.01	Pass
			25	18.34	-1.01	17.33	<=33.01	Pass
			49	18.44	-1.01	17.43	<=33.01	Pass
		25	0	17.36	-1.01	16.35	<=33.01	Pass
			13	17.49	-1.01	16.48	<=33.01	Pass
			25	17.48	-1.01	16.47	<=33.01	Pass
		50	0	17.42	-1.01	16.41	<=33.01	Pass
	2565	1	0	20.84	-1.01	19.83	<=33.01	Pass
			25	18.91	-1.01	17.90	<=33.01	Pass
			49	19.00	-1.01	17.99	<=33.01	Pass
		25	0	17.88	-1.01	16.87	<=33.01	Pass
			13	17.85	-1.01	16.84	<=33.01	Pass
			25	17.90	-1.01	16.89	<=33.01	Pass
		50	0	17.91	-1.01	16.90	<=33.01	Pass
16QAM	2505	1	0	19.48	-1.01	18.47	<=33.01	Pass
			25	19.56	-1.01	18.55	<=33.01	Pass
			49	19.49	-1.01	18.48	<=33.01	Pass
		25	0	18.84	-1.01	17.83	<=33.01	Pass
			13	18.89	-1.01	17.88	<=33.01	Pass
			25	18.77	-1.01	17.76	<=33.01	Pass
		50	0	18.82	-1.01	17.81	<=33.01	Pass
	2535	1	0	18.25	-1.01	17.24	<=33.01	Pass
			25	18.35	-1.01	17.34	<=33.01	Pass
			49	18.45	-1.01	17.44	<=33.01	Pass
		25	0	16.75	-1.01	15.74	<=33.01	Pass
			13	16.82	-1.01	15.81	<=33.01	Pass
			25	16.75	-1.01	15.74	<=33.01	Pass
		50	0	16.62	-1.01	15.61	<=33.01	Pass
	2565	1	0	18.11	-1.01	17.10	<=33.01	Pass
			25	20.20	-1.01	19.19	<=33.01	Pass
			49	18.28	-1.01	17.27	<=33.01	Pass
		25	0	17.66	-1.01	16.65	<=33.01	Pass
			13	17.47	-1.01	16.46	<=33.01	Pass
			25	17.57	-1.01	16.56	<=33.01	Pass
		50	0	17.77	-1.01	16.76	<=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	20.36	-1.01	19.35	<=33.01	Pass
			38	20.37	-1.01	19.36	<=33.01	Pass
			74	20.34	-1.01	19.33	<=33.01	Pass
		36	0	19.60	-1.01	18.59	<=33.01	Pass
			18	19.47	-1.01	18.46	<=33.01	Pass

			39	19.44	-1.01	18.43	<=33.01	Pass
		75	0	19.51	-1.01	18.50	<=33.01	Pass
	2535	1	0	20.40	-1.01	19.39	<=33.01	Pass
			38	18.36	-1.01	17.35	<=33.01	Pass
			74	18.47	-1.01	17.46	<=33.01	Pass
		36	0	17.41	-1.01	16.40	<=33.01	Pass
			18	17.42	-1.01	16.41	<=33.01	Pass
			39	17.51	-1.01	16.50	<=33.01	Pass
		75	0	17.46	-1.01	16.45	<=33.01	Pass
	2562.5	1	0	20.69	-1.01	19.68	<=33.01	Pass
			38	18.79	-1.01	17.78	<=33.01	Pass
			74	18.94	-1.01	17.93	<=33.01	Pass
		36	0	17.94	-1.01	16.93	<=33.01	Pass
			18	17.91	-1.01	16.90	<=33.01	Pass
			39	18.02	-1.01	17.01	<=33.01	Pass
		75	0	19.96	-1.01	18.95	<=33.01	Pass
16QAM	2507.5	1	0	19.75	-1.01	18.74	<=33.01	Pass
			38	19.68	-1.01	18.67	<=33.01	Pass
			74	19.64	-1.01	18.63	<=33.01	Pass
		36	0	18.79	-1.01	17.78	<=33.01	Pass
			18	18.69	-1.01	17.68	<=33.01	Pass
			39	18.54	-1.01	17.53	<=33.01	Pass
		75	0	18.62	-1.01	17.61	<=33.01	Pass
	2535	1	0	17.71	-1.01	16.70	<=33.01	Pass
			38	17.86	-1.01	16.85	<=33.01	Pass
			74	17.98	-1.01	16.97	<=33.01	Pass
		36	0	16.68	-1.01	15.67	<=33.01	Pass
			18	16.39	-1.01	15.38	<=33.01	Pass
			39	16.74	-1.01	15.73	<=33.01	Pass
		75	0	16.59	-1.01	15.58	<=33.01	Pass
	2562.5	1	0	18.32	-1.01	17.31	<=33.01	Pass
			38	18.47	-1.01	17.46	<=33.01	Pass
			74	18.52	-1.01	17.51	<=33.01	Pass
		36	0	19.10	-1.01	18.09	<=33.01	Pass
			18	17.61	-1.01	16.60	<=33.01	Pass
			39	17.53	-1.01	16.52	<=33.01	Pass
		75	0	18.52	-1.01	17.51	<=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	20.54	-1.01	19.53	<=33.01	Pass
			50	20.58	-1.01	19.57	<=33.01	Pass
			99	20.52	-1.01	19.51	<=33.01	Pass
		50	0	19.37	-1.01	18.36	<=33.01	Pass
			25	19.42	-1.01	18.41	<=33.01	Pass
			50	19.35	-1.01	18.34	<=33.01	Pass
		100	0	19.50	-1.01	18.49	<=33.01	Pass
	2535	1	0	18.25	-1.01	17.24	<=33.01	Pass
			50	18.37	-1.01	17.36	<=33.01	Pass
			99	18.58	-1.01	17.57	<=33.01	Pass
		50	0	17.33	-1.01	16.32	<=33.01	Pass
			25	17.47	-1.01	16.46	<=33.01	Pass
			50	17.56	-1.01	16.55	<=33.01	Pass

		100	0	17.41	-1.01	16.40	<=33.01	Pass
	2560	1	0	20.84	-1.01	19.83	<=33.01	Pass
			50	18.90	-1.01	17.89	<=33.01	Pass
			99	19.12	-1.01	18.11	<=33.01	Pass
		50	0	17.88	-1.01	16.87	<=33.01	Pass
			25	17.95	-1.01	16.94	<=33.01	Pass
			50	17.94	-1.01	16.93	<=33.01	Pass
		100	0	17.92	-1.01	16.91	<=33.01	Pass
16QAM	2510	1	0	20.08	-1.01	19.07	<=33.01	Pass
			50	18.03	-1.01	17.02	<=33.01	Pass
			99	19.94	-1.01	18.93	<=33.01	Pass
		50	0	16.56	-1.01	15.55	<=33.01	Pass
			25	18.57	-1.01	17.56	<=33.01	Pass
			50	18.47	-1.01	17.46	<=33.01	Pass
		100	0	18.71	-1.01	17.70	<=33.01	Pass
	2535	1	0	17.68	-1.01	16.67	<=33.01	Pass
			50	17.86	-1.01	16.85	<=33.01	Pass
			99	18.04	-1.01	17.03	<=33.01	Pass
		50	0	16.48	-1.01	15.47	<=33.01	Pass
			25	16.88	-1.01	15.87	<=33.01	Pass
			50	16.81	-1.01	15.80	<=33.01	Pass
		100	0	16.58	-1.01	15.57	<=33.01	Pass
	2560	1	0	17.68	-1.01	16.67	<=33.01	Pass
			50	17.94	-1.01	16.93	<=33.01	Pass
			99	17.99	-1.01	16.98	<=33.01	Pass
		50	0	18.57	-1.01	17.56	<=33.01	Pass
			25	17.45	-1.01	16.44	<=33.01	Pass
			50	16.73	-1.01	15.72	<=33.01	Pass
		100	0	17.36	-1.01	16.35	<=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	-0.815	-0.0003	-2.5 to 2.5	Pass
					3.85	-2.975	-0.0012	-2.5 to 2.5	Pass
					4.43	-0.358	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-2.303	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-1.574	-0.0006	-2.5 to 2.5	Pass
				0	3.85	0.987	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.343	0.0001	-2.5 to 2.5	Pass
				40	3.85	0.486	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.086	0.0000	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	0.973	0.0004	-2.5 to 2.5	Pass
					3.85	4.706	0.0019	-2.5 to 2.5	Pass
					4.43	2.775	0.0011	-2.5 to 2.5	Pass
				-30	3.85	4.535	0.0018	-2.5 to 2.5	Pass
				-20	3.85	4.606	0.0018	-2.5 to 2.5	Pass

				-10	3.85	-1.130	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.659	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-1.731	-0.0007	-2.5 to 2.5	Pass
				30	3.85	0.587	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				50	3.85	1.731	0.0007	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	1.531	0.0006	-2.5 to 2.5	Pass
					3.85	-1.745	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.229	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-1.531	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-1.645	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.760	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-1.316	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.887	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-2.060	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.730	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-2.704	-0.0011	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	-4.478	-0.0018	-2.5 to 2.5	Pass
					3.85	-5.994	-0.0024	-2.5 to 2.5	Pass
					4.43	-5.293	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-6.266	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-4.435	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-5.593	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-4.992	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-4.992	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-5.836	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-5.064	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-6.208	-0.0025	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-3.619	-0.0014	-2.5 to 2.5	Pass
					3.85	-3.033	-0.0012	-2.5 to 2.5	Pass
					4.43	-5.550	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-2.832	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-4.535	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.532	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-3.719	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-3.762	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-4.635	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-3.419	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.204	-0.0013	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	1.116	0.0004	-2.5 to 2.5	Pass
					3.85	2.489	0.0010	-2.5 to 2.5	Pass
					4.43	2.174	0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.675	0.0010	-2.5 to 2.5	Pass
				-20	3.85	3.705	0.0014	-2.5 to 2.5	Pass
				-10	3.85	5.465	0.0021	-2.5 to 2.5	Pass
				0	3.85	4.005	0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.818	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.130	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-2.217	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.545	-0.0006	-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	1.845	0.0007	-2.5 to 2.5	Pass

					3.85	1.459	0.0006	-2.5 to 2.5	Pass
					4.43	0.844	0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.259	0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.631	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.044	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.129	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.901	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.544	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-1.774	-0.0007	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-1.945	-0.0008	-2.5 to 2.5	Pass
					3.85	-1.016	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.658	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-1.359	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-3.905	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-4.492	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-2.904	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-5.379	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-5.250	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-5.894	-0.0023	-2.5 to 2.5	Pass
				50	3.85	0.358	0.0001	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-1.559	-0.0006	-2.5 to 2.5	Pass
					3.85	-3.047	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.247	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-5.207	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-5.264	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-2.832	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-4.377	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-4.935	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.875	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-3.076	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-3.591	-0.0014	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.27	-0.358	-0.0001	-2.5 to 2.5	Pass
					3.85	-2.632	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.602	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-2.332	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-2.489	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-1.516	-0.0006	-2.5 to 2.5	Pass
				0	3.85	0.472	0.0002	-2.5 to 2.5	Pass
				10	3.85	1.631	0.0007	-2.5 to 2.5	Pass
				30	3.85	1.874	0.0007	-2.5 to 2.5	Pass
				40	3.85	-2.775	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.289	-0.0009	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-3.247	-0.0013	-2.5 to 2.5	Pass
					3.85	-3.691	-0.0015	-2.5 to 2.5	Pass
					4.43	-3.319	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-1.760	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-3.104	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-3.405	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.990	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-3.991	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-2.933	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-2.303	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-3.061	-0.0012	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-5.493	-0.0021	-2.5 to 2.5	Pass
					3.85	-2.875	-0.0011	-2.5 to 2.5	Pass
					4.43	-1.674	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-4.520	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-5.307	-0.0021	-2.5 to 2.5	Pass

				-10	3.85	-4.134	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-4.807	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-1.688	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-3.548	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-4.063	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-4.249	-0.0017	-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	-0.286	-0.0001	-2.5 to 2.5	Pass
					3.85	-1.860	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.230	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-2.689	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	0.601	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.486	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-3.262	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-1.717	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.847	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.046	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-2.918	-0.0012	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-1.259	-0.0005	-2.5 to 2.5	Pass
					3.85	-2.031	-0.0008	-2.5 to 2.5	Pass
					4.43	-3.204	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-3.920	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.861	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-3.033	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-4.220	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-4.292	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-3.991	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-4.120	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.963	-0.0016	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	0.515	0.0002	-2.5 to 2.5	Pass
					3.85	0.916	0.0004	-2.5 to 2.5	Pass
					4.43	-0.529	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.329	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.529	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.815	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.200	0.0001	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.27	0.801	0.0003	-2.5 to 2.5	Pass
					3.85	2.575	0.0010	-2.5 to 2.5	Pass
					4.43	1.745	0.0007	-2.5 to 2.5	Pass
				-30	3.85	1.831	0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.745	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.717	0.0007	-2.5 to 2.5	Pass
				0	3.85	2.718	0.0011	-2.5 to 2.5	Pass
				10	3.85	1.588	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.717	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.243	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.401	0.0002	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-1.230	-0.0005	-2.5 to 2.5	Pass

					3.85	-0.730	-0.0003	-2.5 to 2.5	Pass
					4.43	-1.187	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.629	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.114	0.0000	-2.5 to 2.5	Pass
				10	3.85	-1.731	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.717	-0.0007	-2.5 to 2.5	Pass
				40	3.85	1.159	0.0005	-2.5 to 2.5	Pass
				50	3.85	-2.203	-0.0009	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	-5.436	-0.0021	-2.5 to 2.5	Pass
					3.85	-6.123	-0.0024	-2.5 to 2.5	Pass
					4.43	-6.423	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-6.294	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-5.536	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-2.346	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.988	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-3.219	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-2.890	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-2.332	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-1.044	-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	0.486	0.0002	-2.5 to 2.5	Pass
					3.85	0.429	0.0002	-2.5 to 2.5	Pass
					4.43	0.887	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.315	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				0	3.85	1.230	0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.372	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.801	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.944	0.0004	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	3.147	0.0012	-2.5 to 2.5	Pass
					3.85	3.834	0.0015	-2.5 to 2.5	Pass
					4.43	1.402	0.0006	-2.5 to 2.5	Pass
				-30	3.85	2.460	0.0010	-2.5 to 2.5	Pass
				-20	3.85	5.636	0.0022	-2.5 to 2.5	Pass
				-10	3.85	2.847	0.0011	-2.5 to 2.5	Pass
				0	3.85	2.003	0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.629	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				40	3.85	2.332	0.0009	-2.5 to 2.5	Pass
				50	3.85	0.315	0.0001	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	0.200	0.0001	-2.5 to 2.5	Pass
					3.85	0.873	0.0003	-2.5 to 2.5	Pass
					4.43	0.629	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.901	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.502	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-2.689	-0.0011	-2.5 to 2.5	Pass

				30	3.85	-1.402	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-3.605	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-2.904	-0.0011	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.27	0.672	0.0003	-2.5 to 2.5	Pass
					3.85	-0.286	-0.0001	-2.5 to 2.5	Pass
					4.43	0.143	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.472	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.901	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.358	0.0001	-2.5 to 2.5	Pass
				0	3.85	1.459	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.930	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.343	-0.0001	-2.5 to 2.5	Pass
				40	3.85	1.488	0.0006	-2.5 to 2.5	Pass
				50	3.85	0.143	0.0001	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-1.159	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.129	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-2.174	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.544	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-1.459	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.831	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-3.190	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.544	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-3.262	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.018	-0.0012	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-0.772	-0.0003	-2.5 to 2.5	Pass
					3.85	-1.316	-0.0005	-2.5 to 2.5	Pass
					4.43	-0.215	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.458	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-3.490	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-4.234	-0.0017	-2.5 to 2.5	Pass
				10	3.85	0.172	0.0001	-2.5 to 2.5	Pass
				30	3.85	-2.332	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-3.047	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-1.559	-0.0006	-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

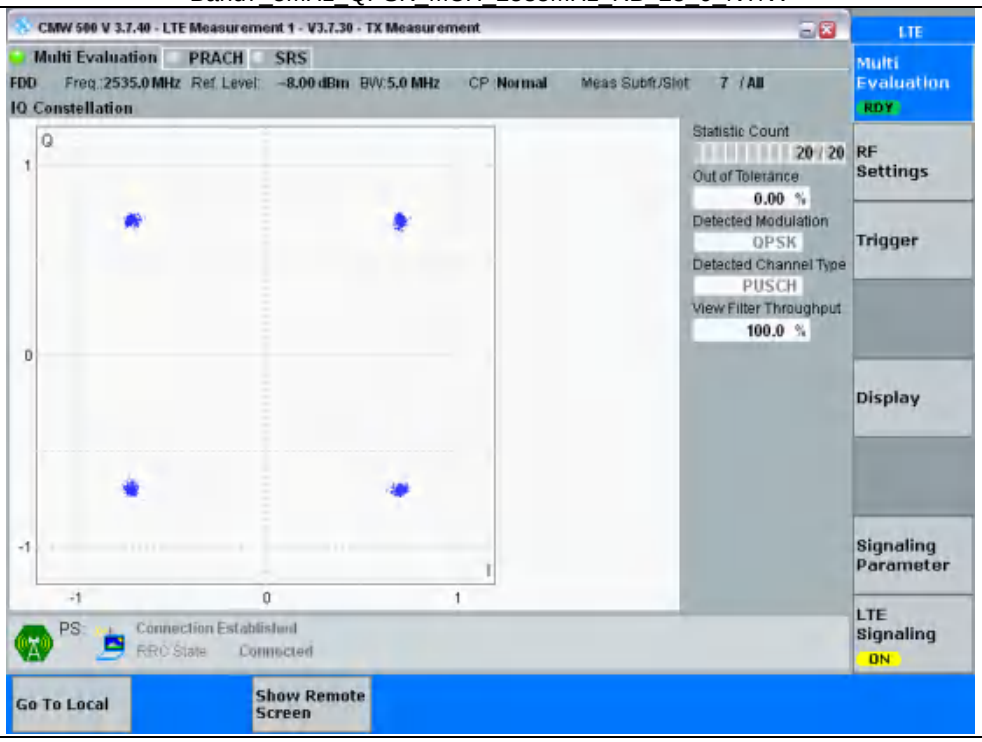
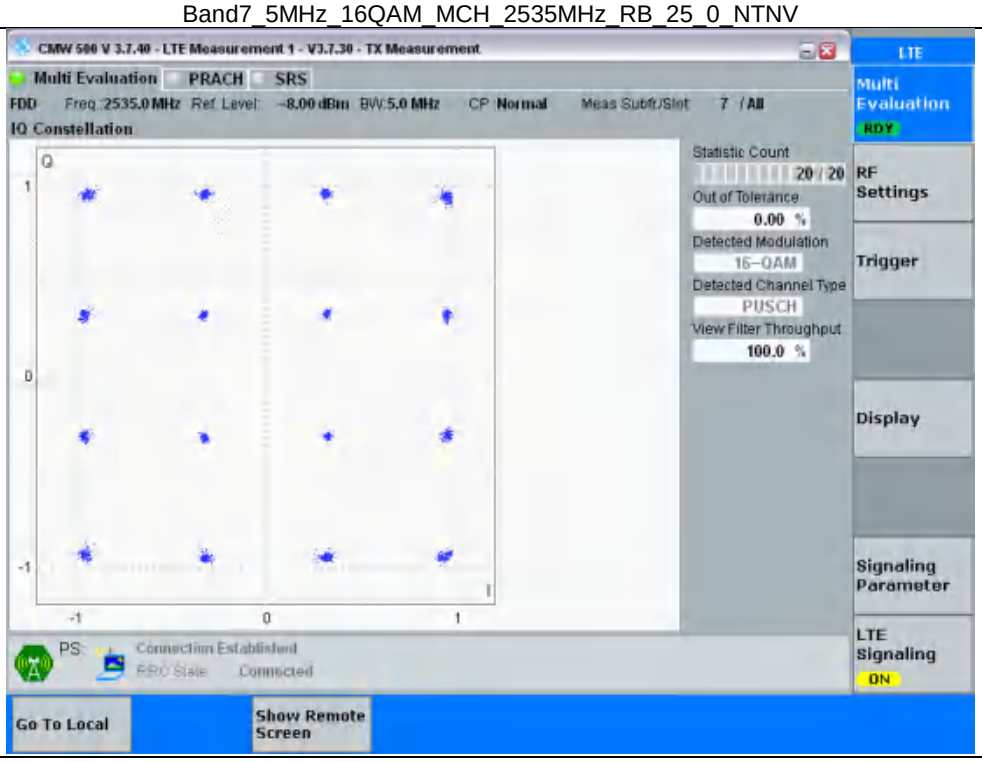
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	75	0	Refer To Test Graph		Pass
16QAM	2535	75	0	Refer To Test Graph		Pass

3.1.4 B7_20MHz

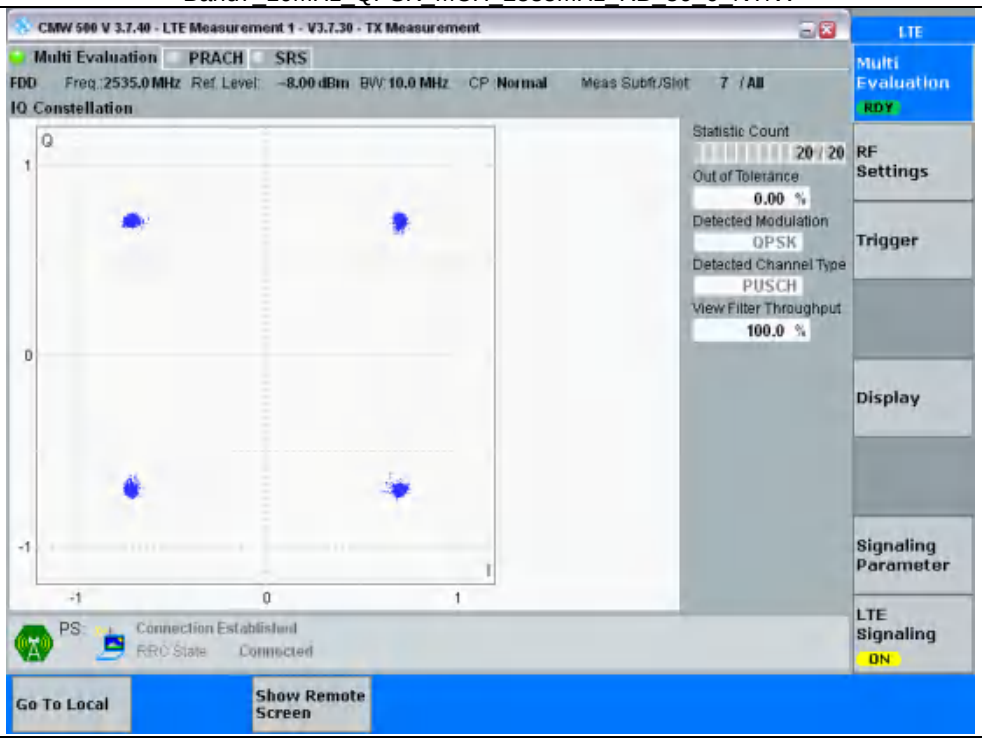
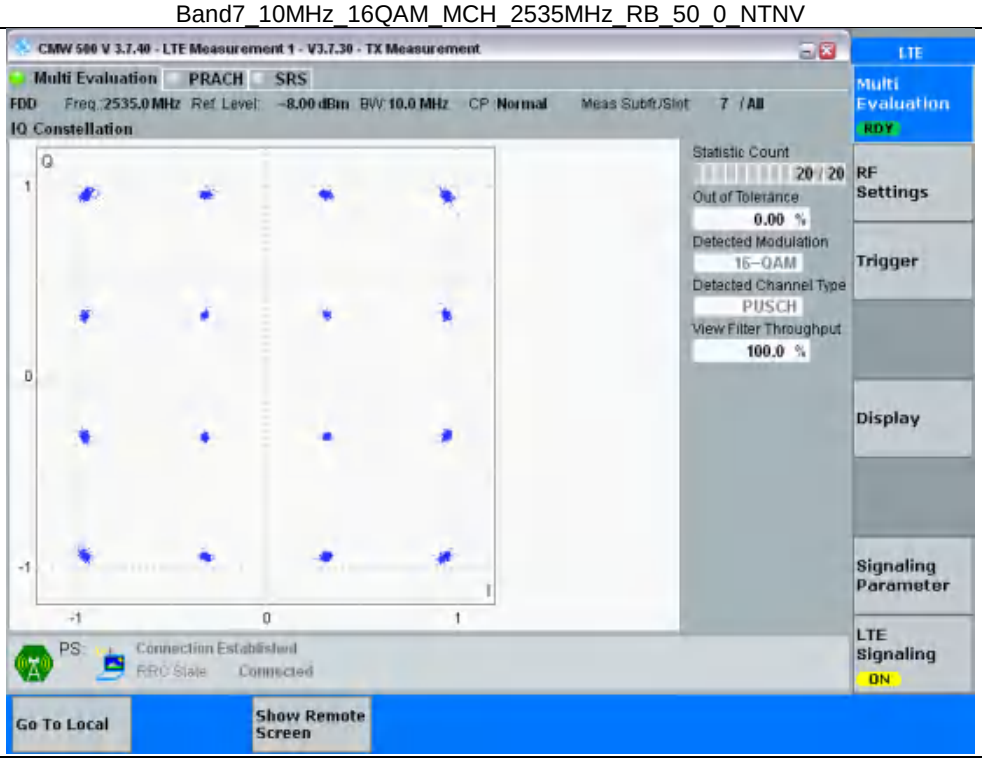
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	Refer To Test Graph		Pass
16QAM	2535	100	0	Refer To Test Graph		Pass

3.2 Test Graph

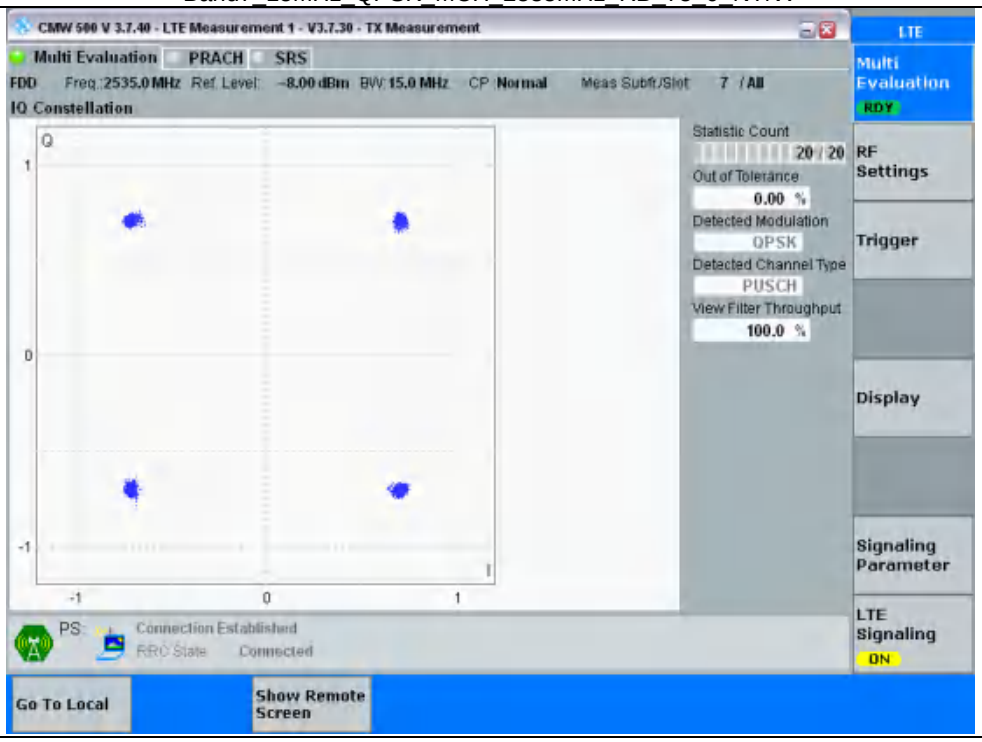
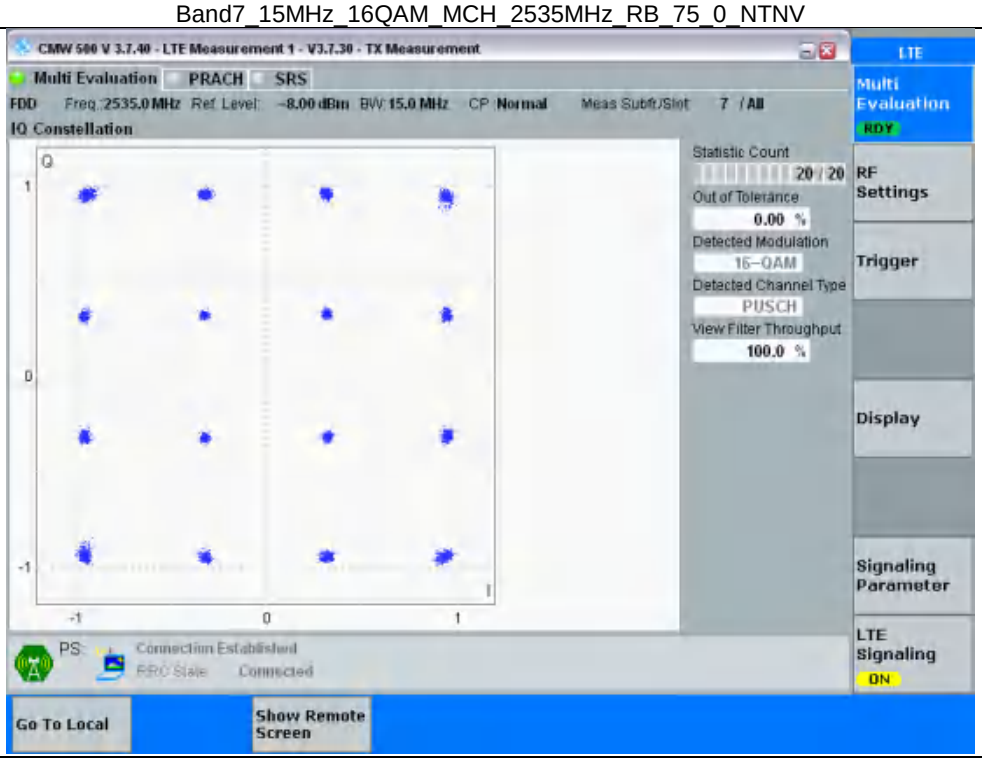
3.2.1 B7_5MHz

Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV

Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV


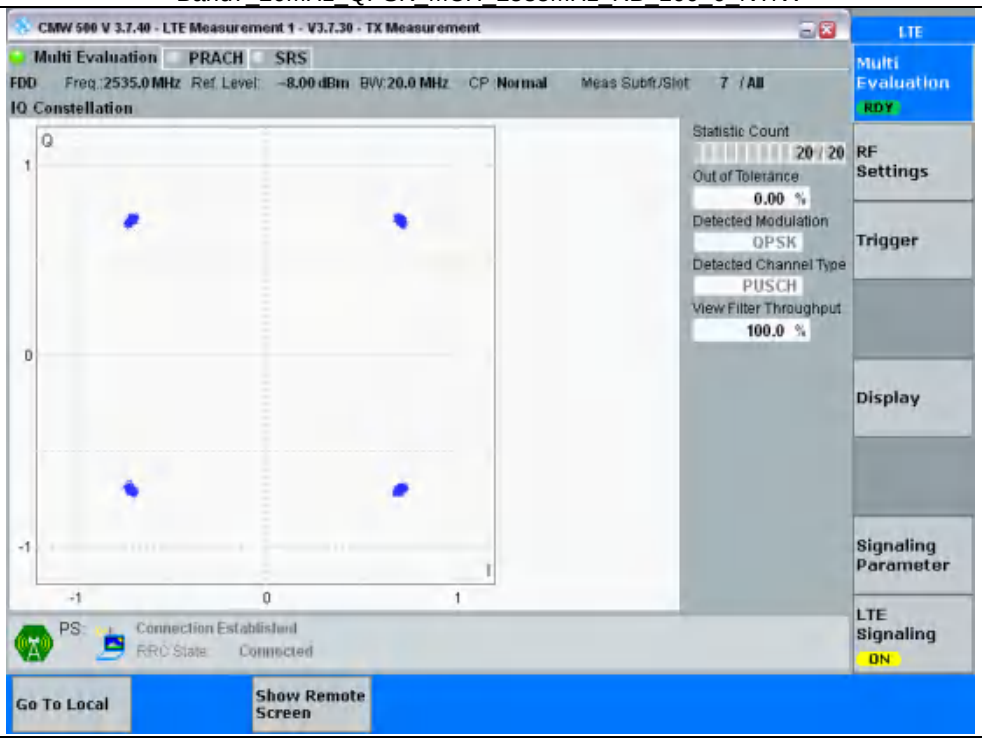
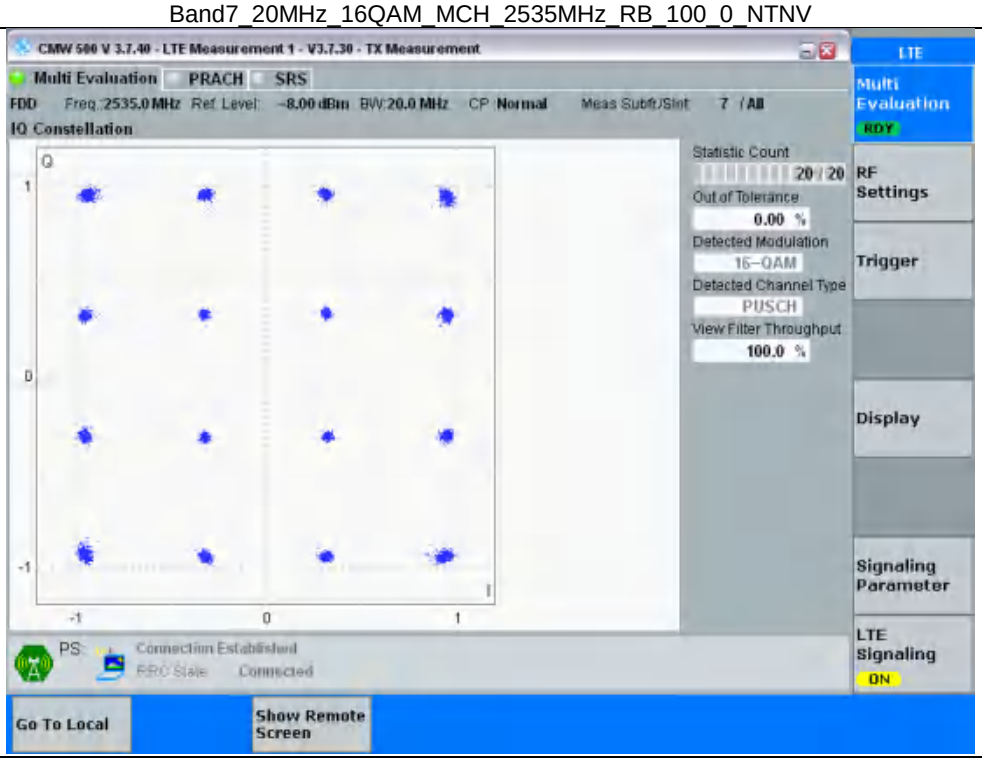
3.2.2 B7_10MHz

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	4.572	/	Pass
		2567.5	25	0	4.543	/	Pass
	16QAM	2502.5	25	0	4.553	/	Pass
		2535	25	0	4.545	/	Pass
		2567.5	25	0	4.590	/	Pass
10	QPSK	2505	50	0	9.071	/	Pass
		2535	50	0	9.063	/	Pass
		2565	50	0	9.070	/	Pass
	16QAM	2505	50	0	9.054	/	Pass
		2535	50	0	9.058	/	Pass
		2565	50	0	9.083	/	Pass
15	QPSK	2507.5	75	0	13.555	/	Pass
		2535	75	0	13.554	/	Pass
		2562.5	75	0	13.572	/	Pass
	16QAM	2507.5	75	0	13.541	/	Pass
		2535	75	0	13.583	/	Pass
		2562.5	75	0	13.543	/	Pass
20	QPSK	2510	100	0	18.086	/	Pass
		2535	100	0	18.027	/	Pass
		2560	100	0	18.067	/	Pass
	16QAM	2510	100	0	18.089	/	Pass
		2535	100	0	18.051	/	Pass
		2560	100	0	18.088	/	Pass

4.1.2 Band7_XDB

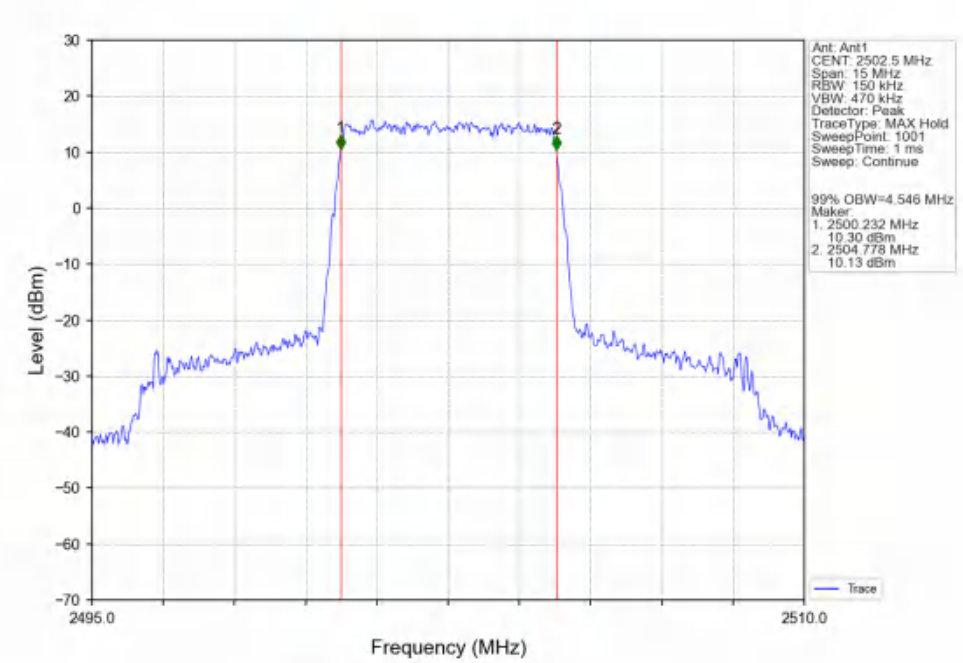
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.037	/	Pass
		2535	25	0	5.077	/	Pass
		2567.5	25	0	5.063	/	Pass
	16QAM	2502.5	25	0	5.071	/	Pass
		2535	25	0	5.063	/	Pass
		2567.5	25	0	5.090	/	Pass
10	QPSK	2505	50	0	10.073	/	Pass
		2535	50	0	10.142	/	Pass
		2565	50	0	10.062	/	Pass
	16QAM	2505	50	0	10.122	/	Pass
		2535	50	0	10.096	/	Pass
		2565	50	0	10.090	/	Pass
15	QPSK	2507.5	75	0	15.071	/	Pass
		2535	75	0	15.140	/	Pass

		2562.5	75	0	15.100	/	Pass
	16QAM	2507.5	75	0	15.198	/	Pass
		2535	75	0	15.137	/	Pass
		2562.5	75	0	15.022	/	Pass
20	QPSK	2510	100	0	20.113	/	Pass
		2535	100	0	20.046	/	Pass
		2560	100	0	19.975	/	Pass
	16QAM	2510	100	0	20.010	/	Pass
		2535	100	0	19.936	/	Pass
		2560	100	0	20.086	/	Pass

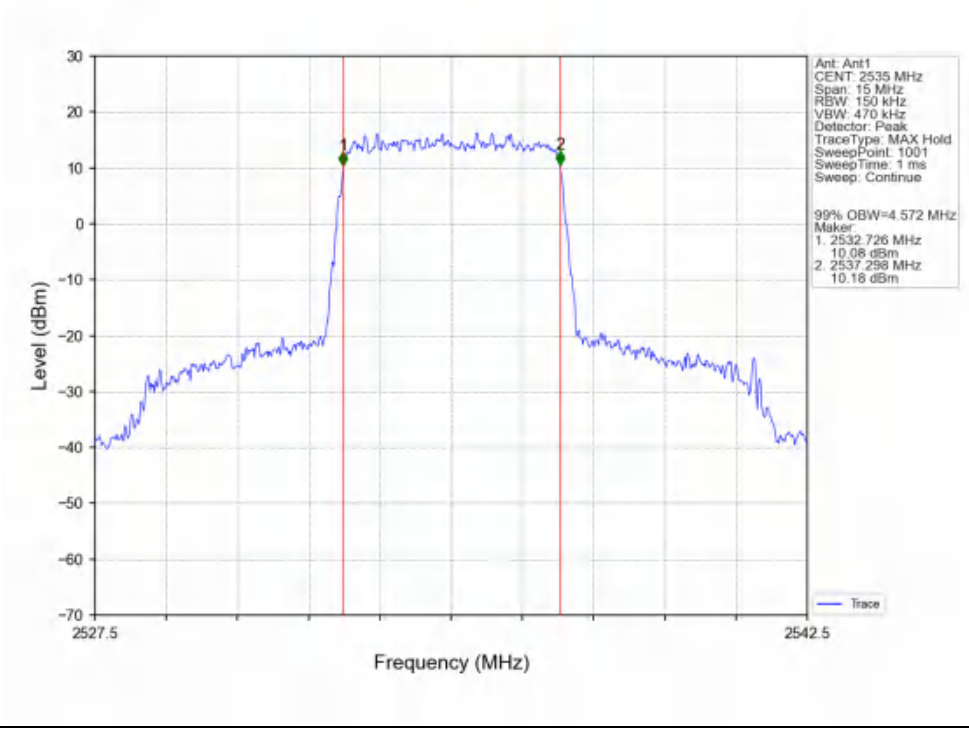
4.2 Test Graph

4.2.1 Band7_OBW

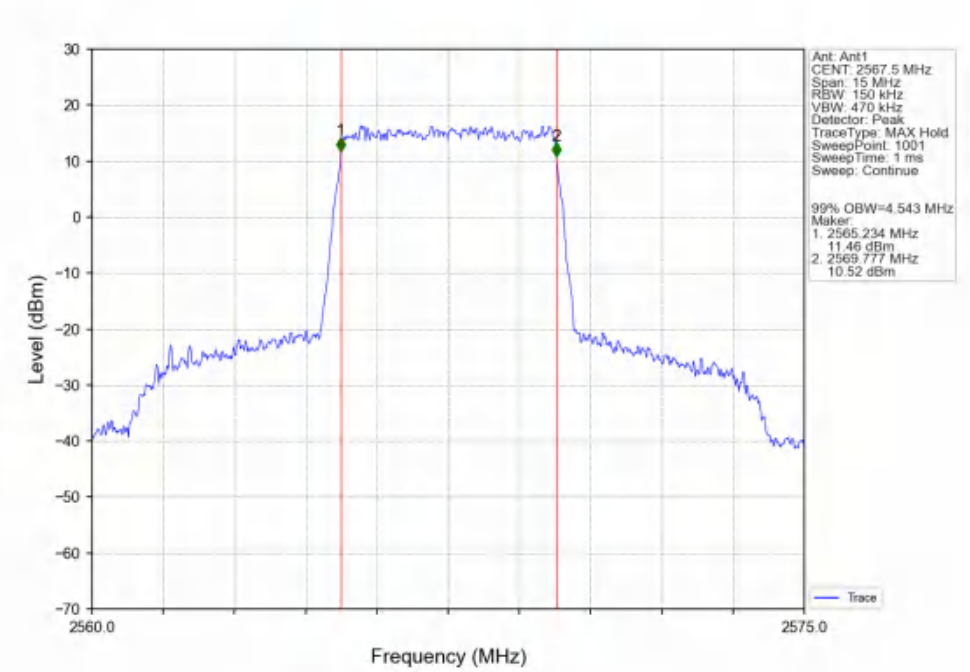
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



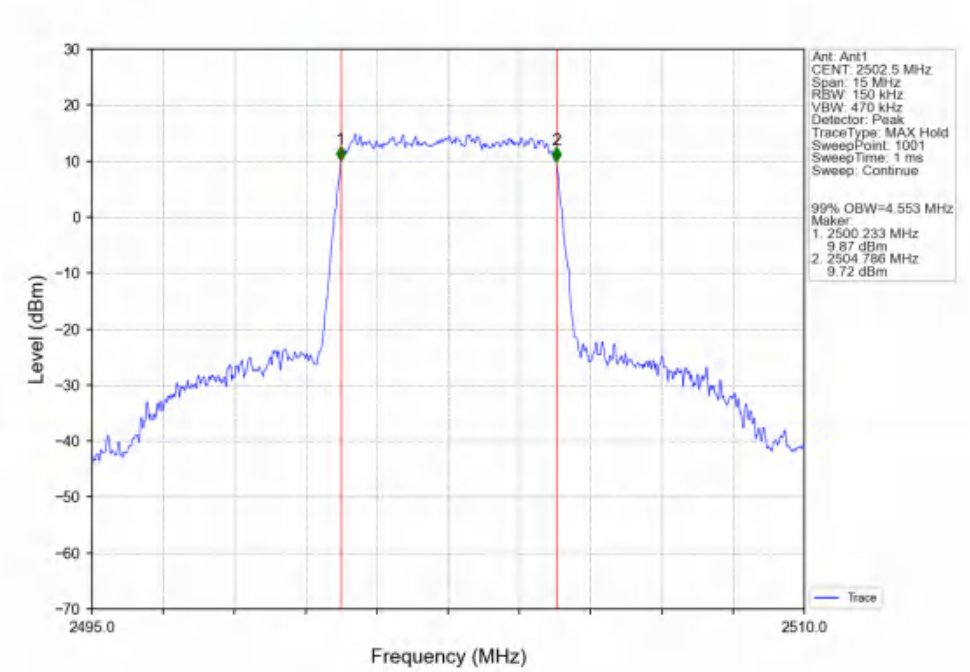
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



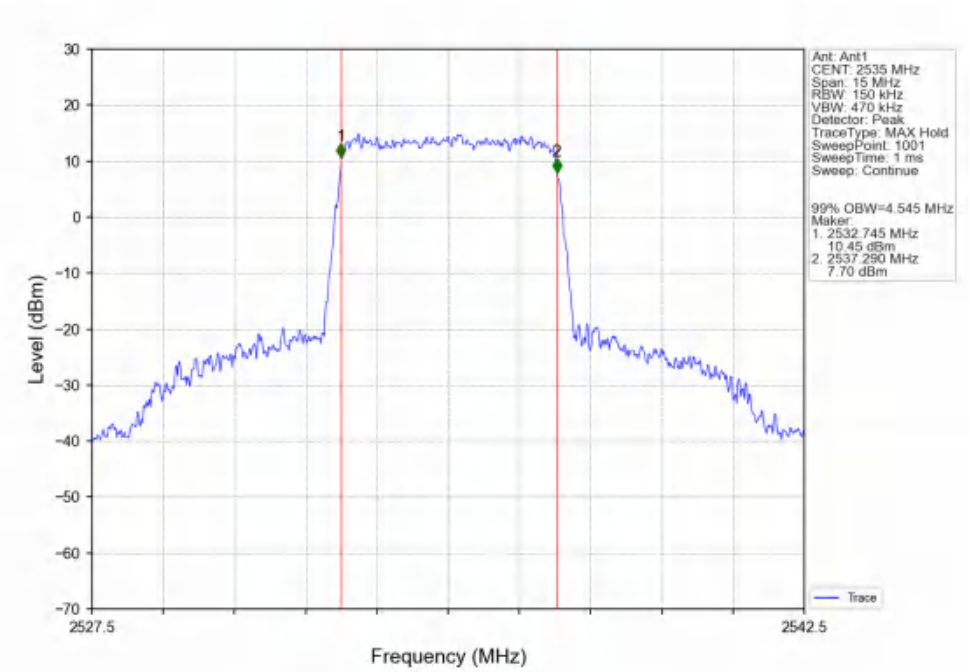
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



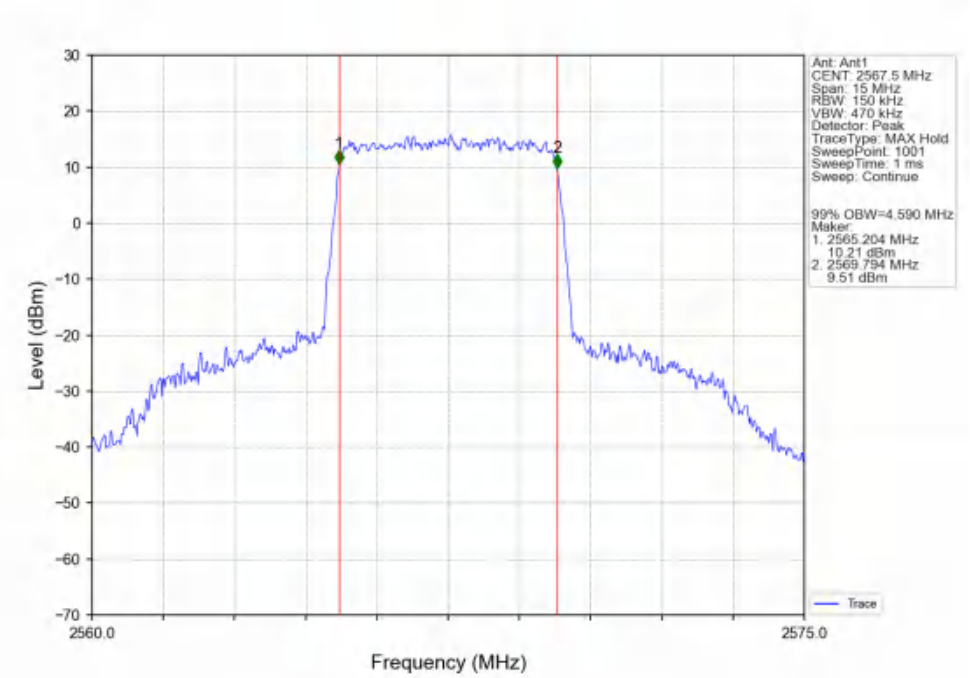
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



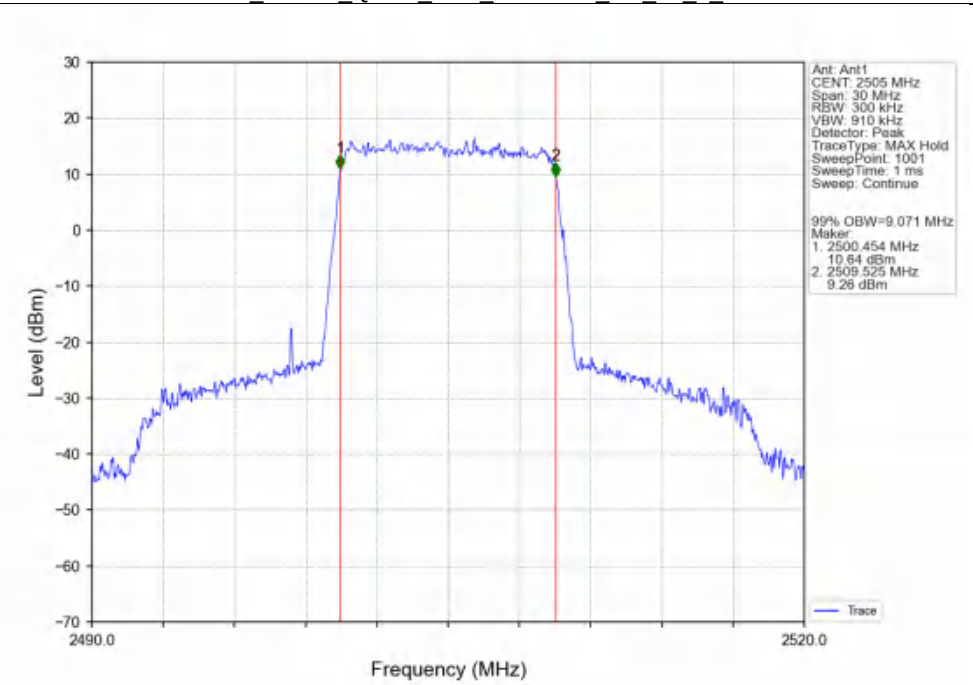
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



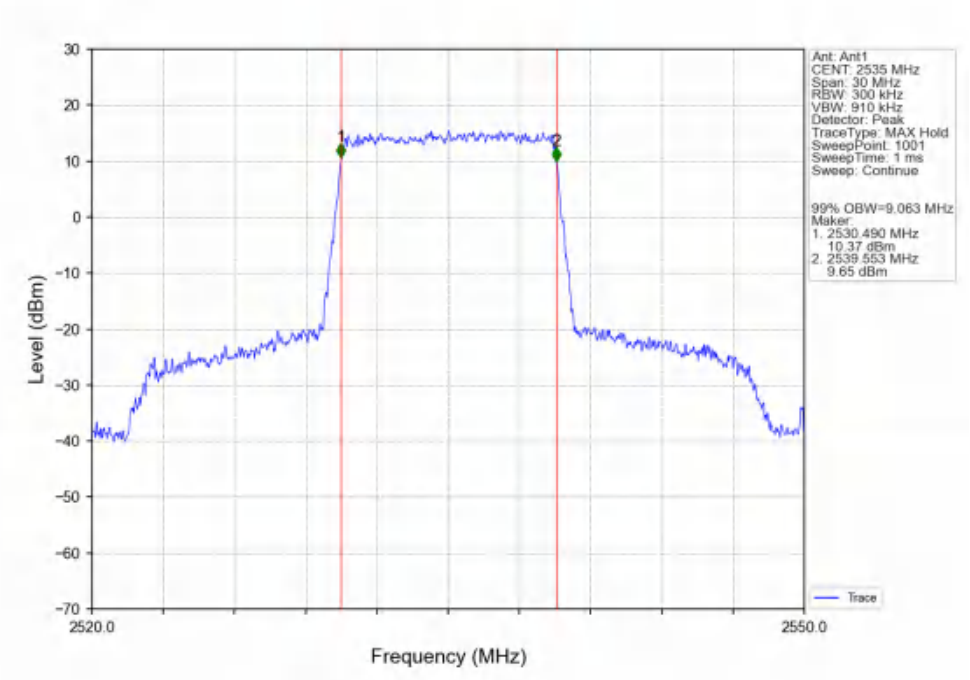
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



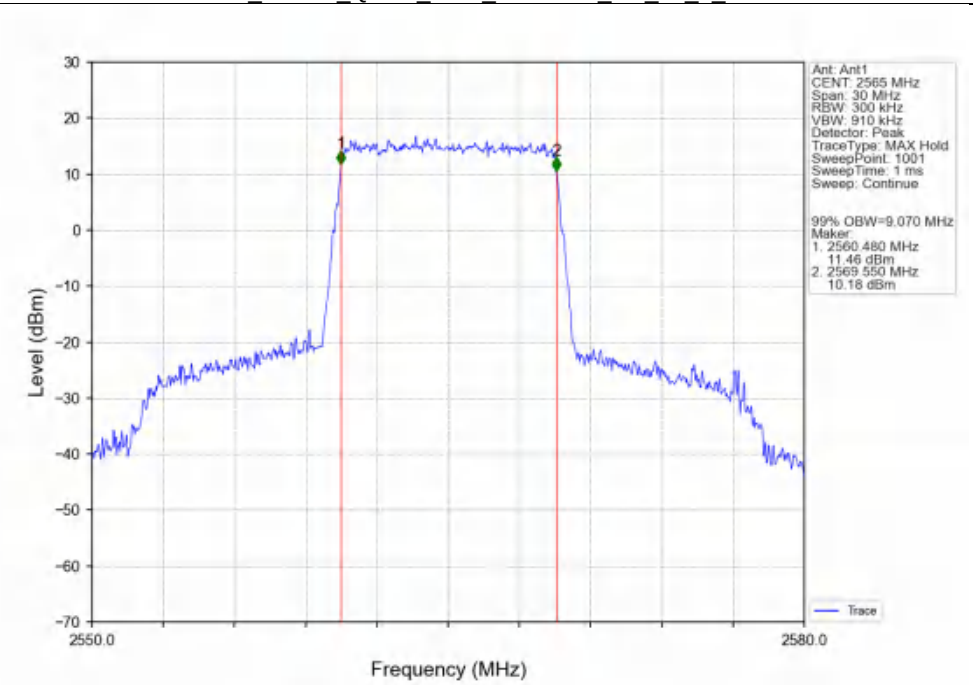
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



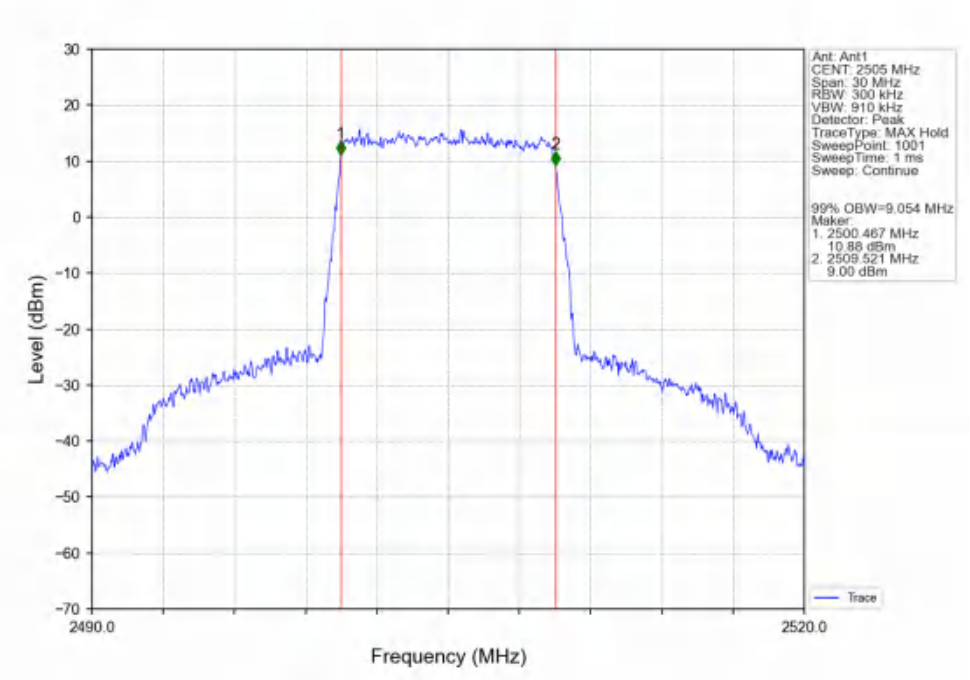
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



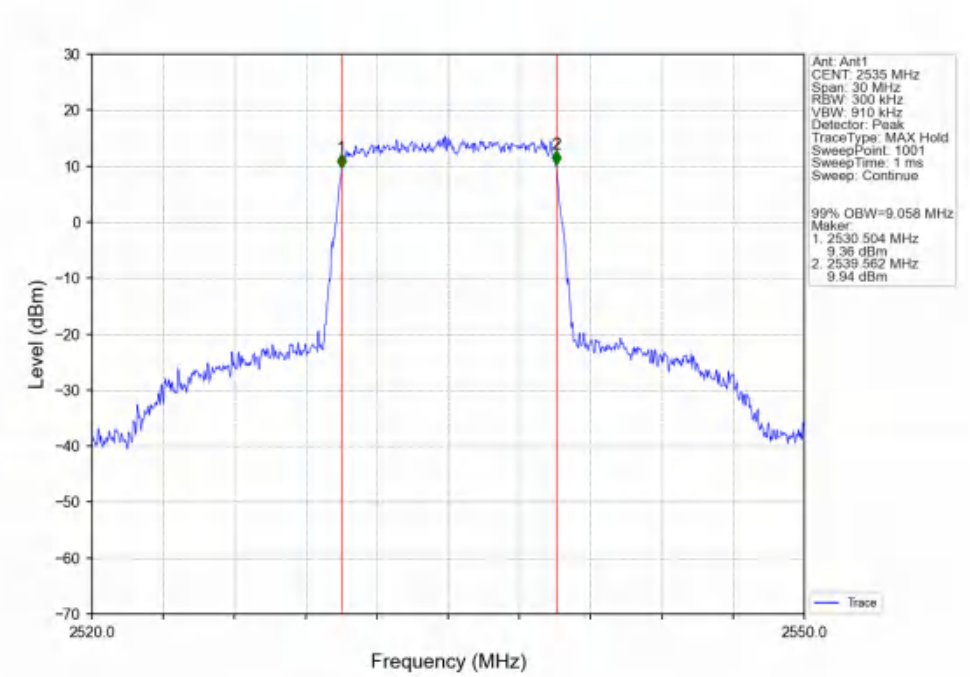
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



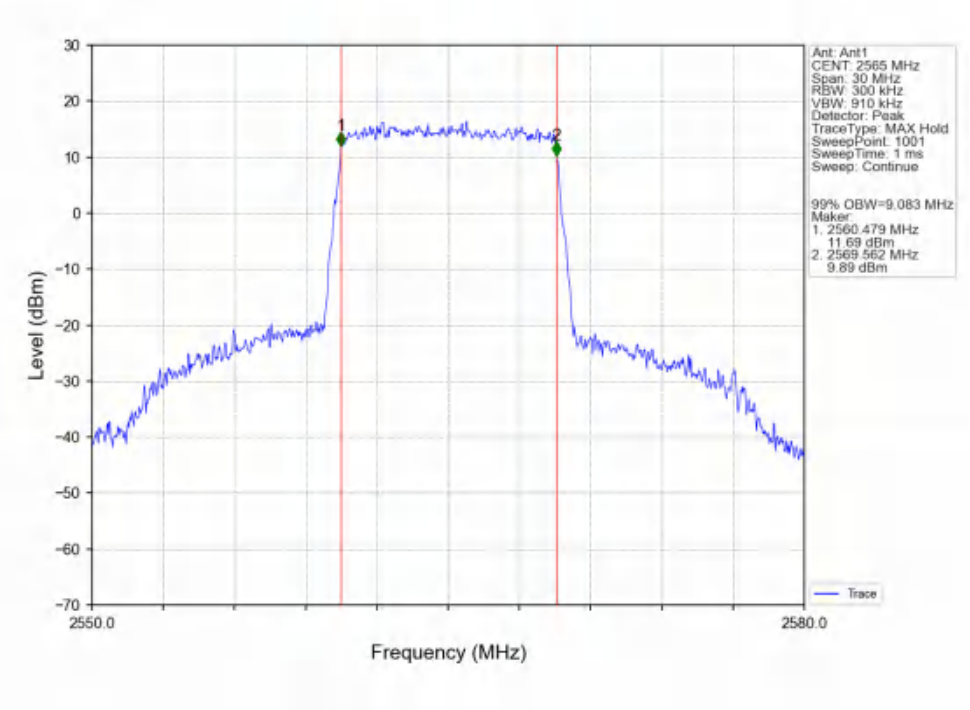
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



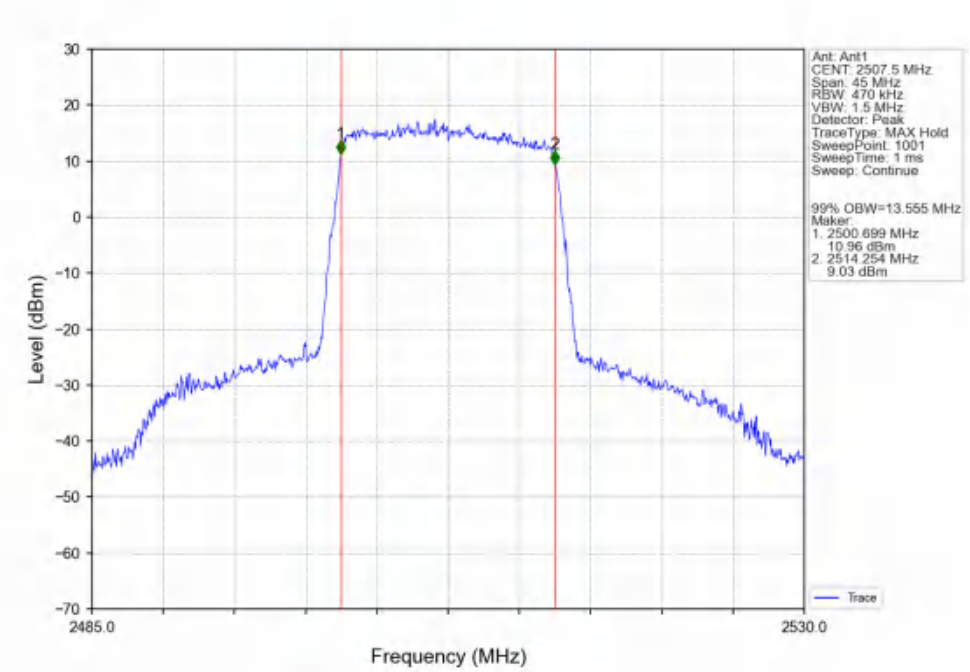
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



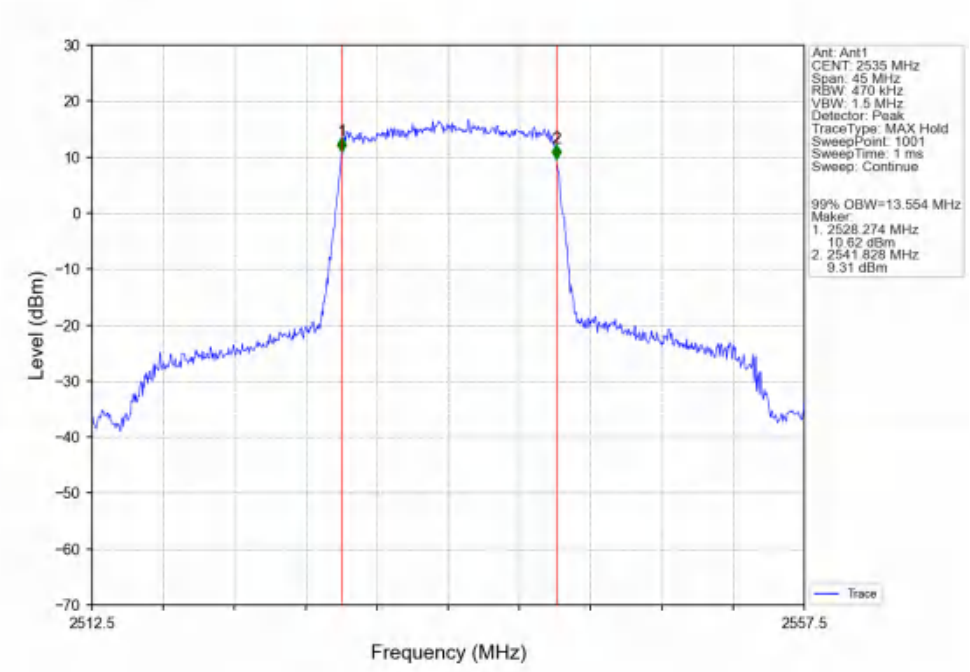
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



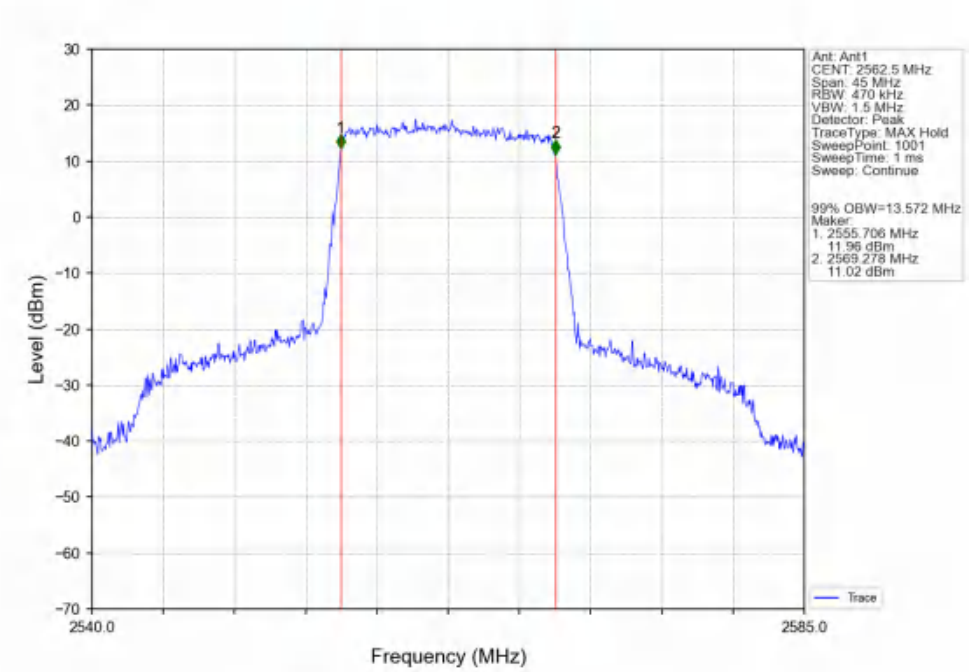
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



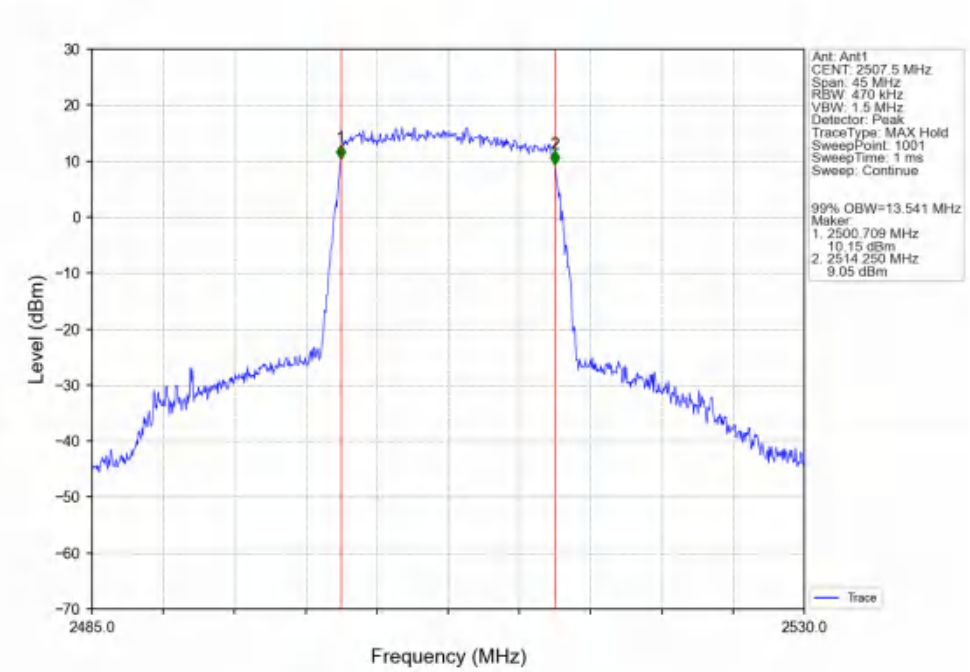
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



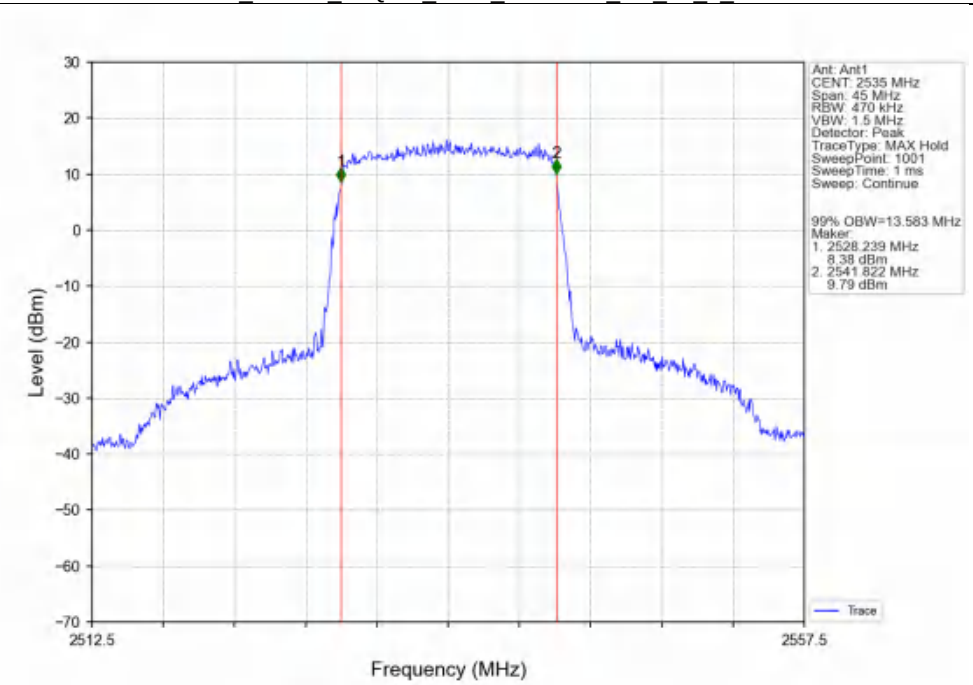
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



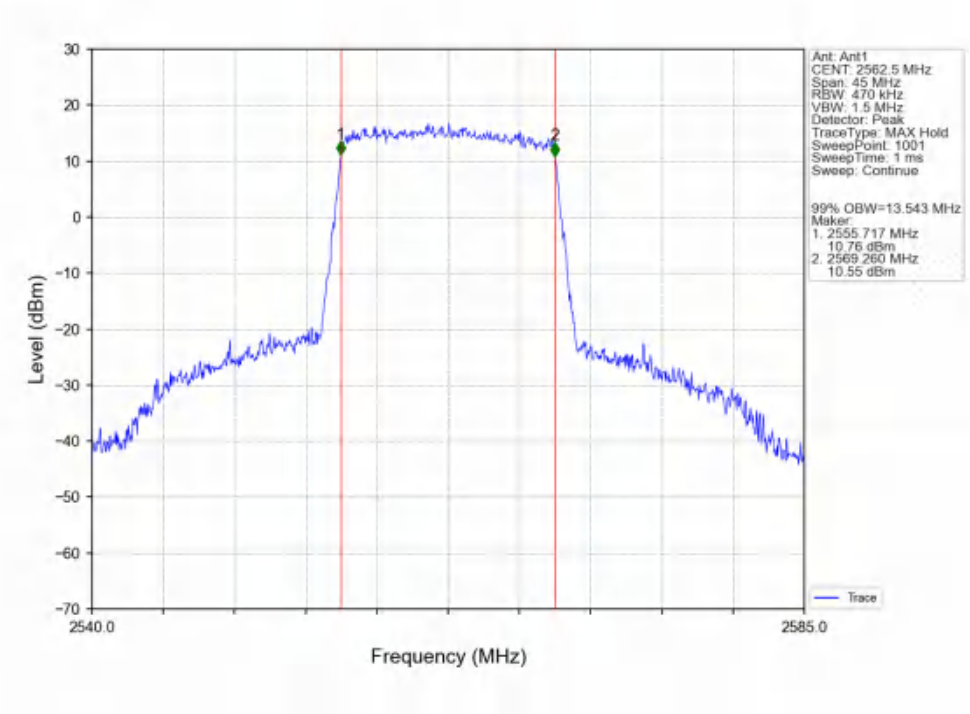
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



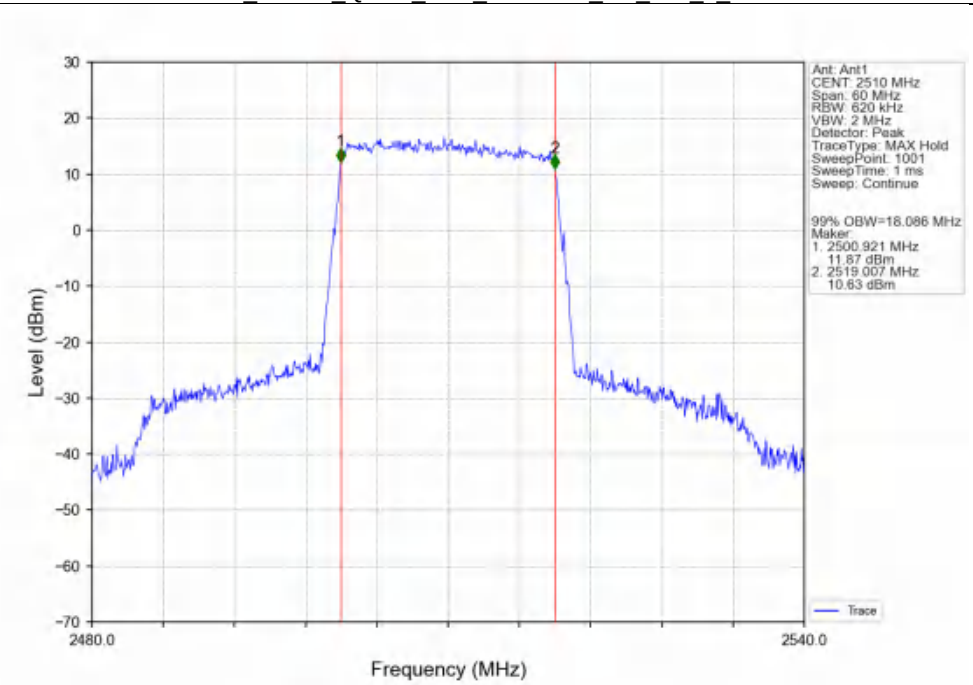
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



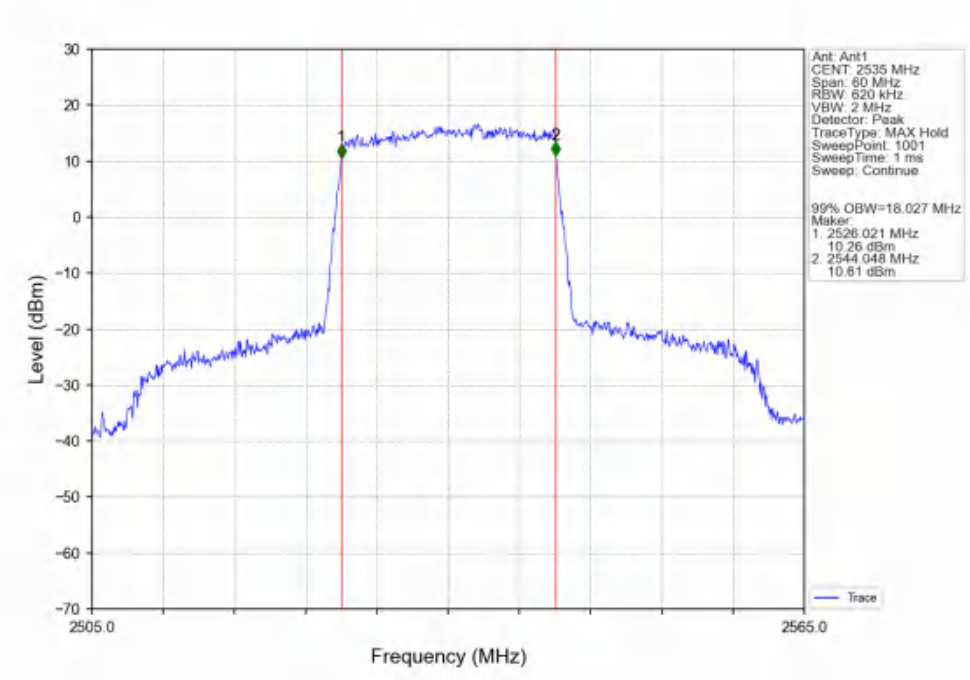
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



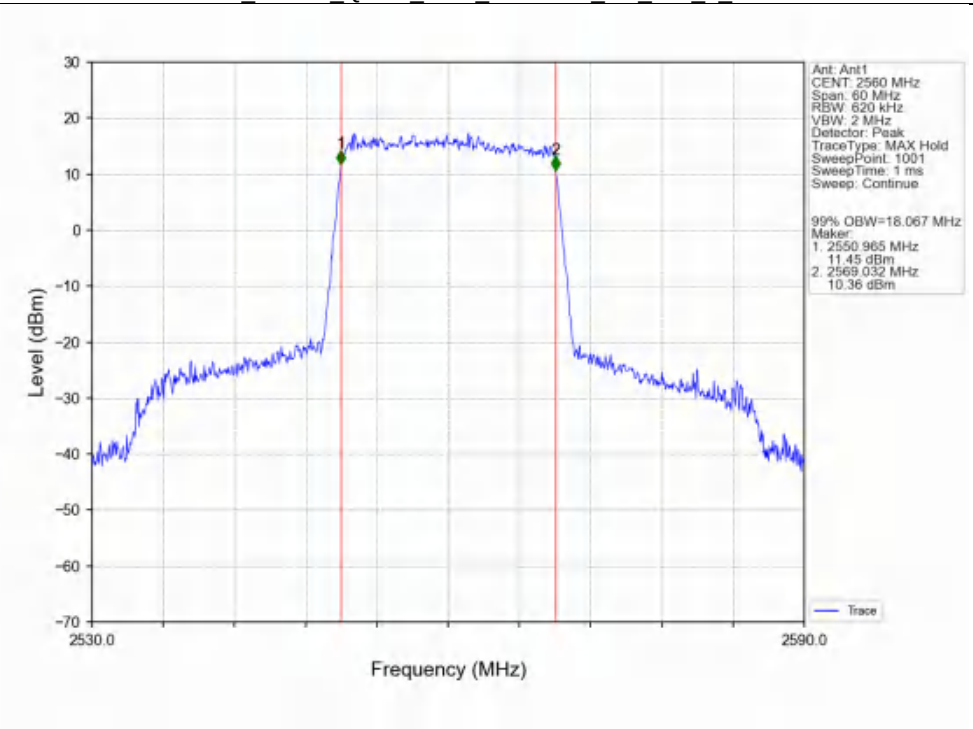
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



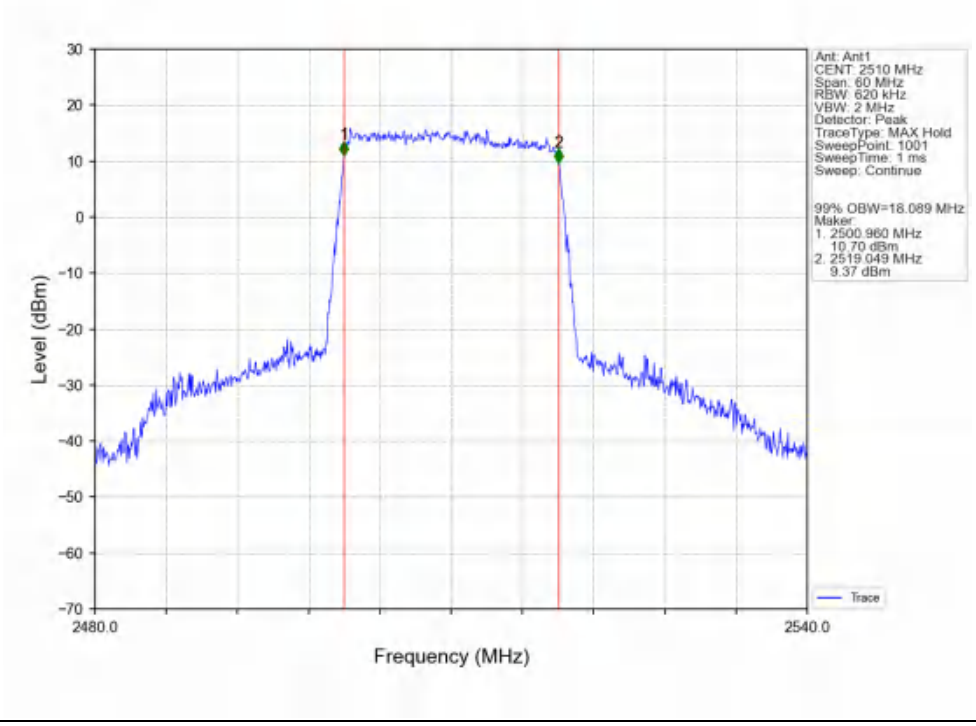
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



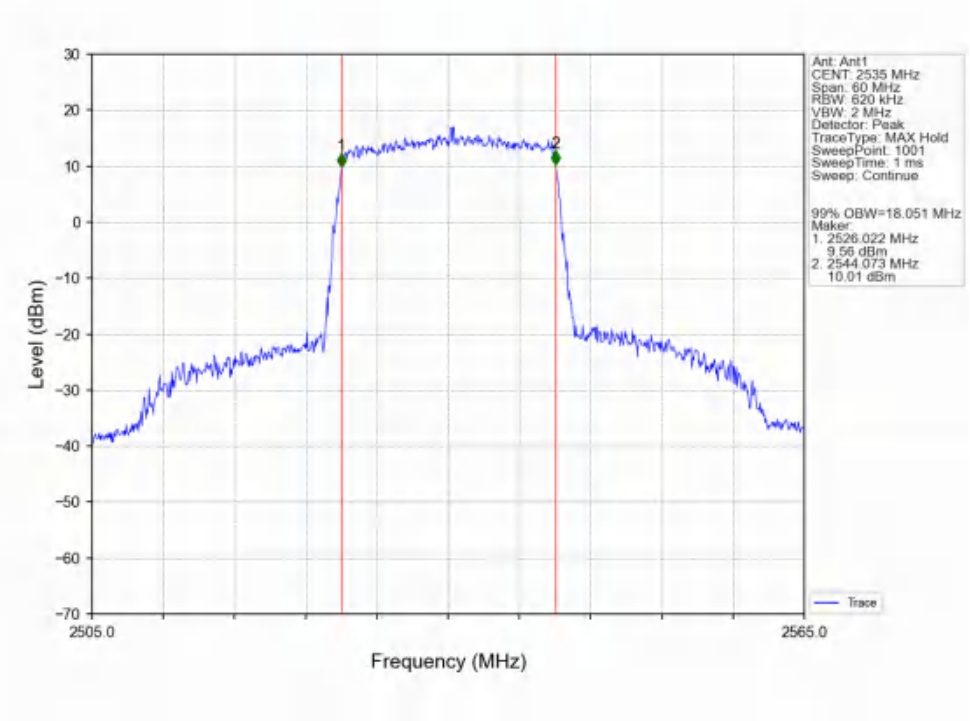
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



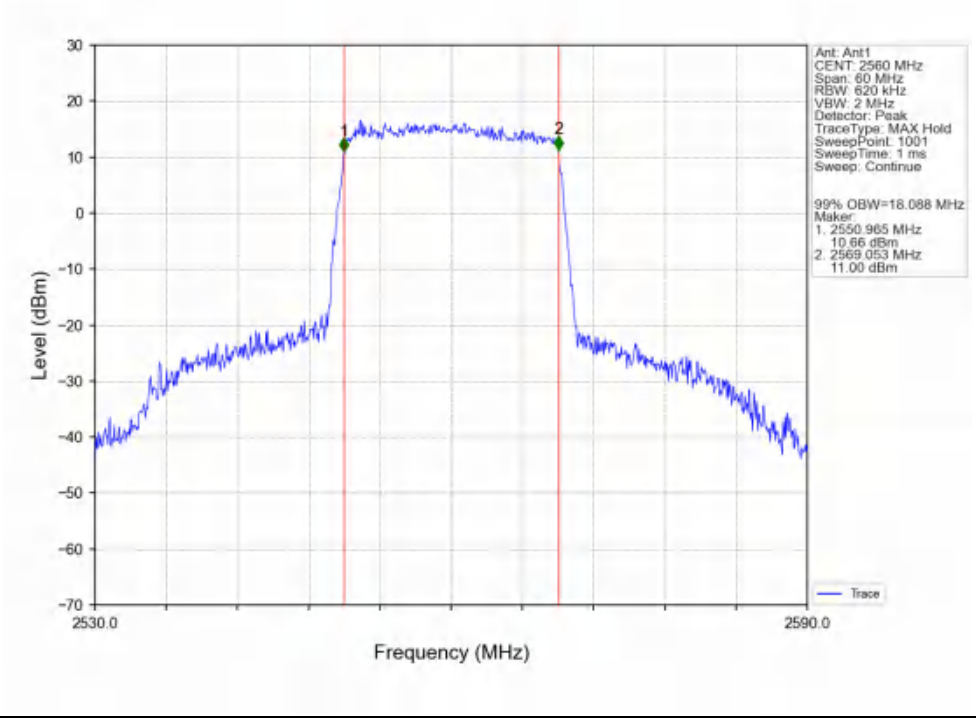
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV

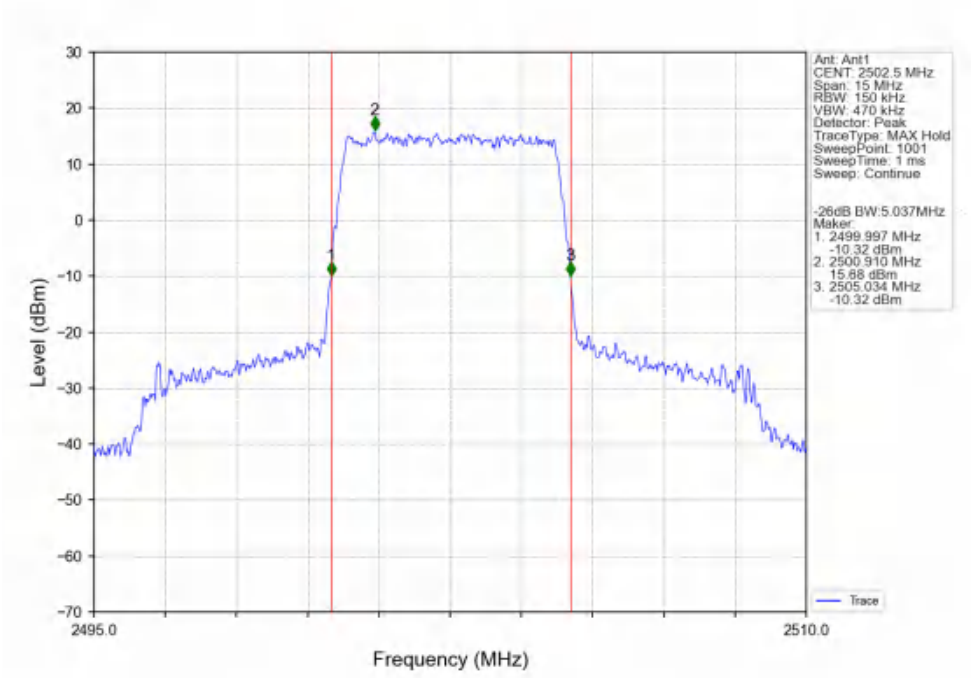


Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV

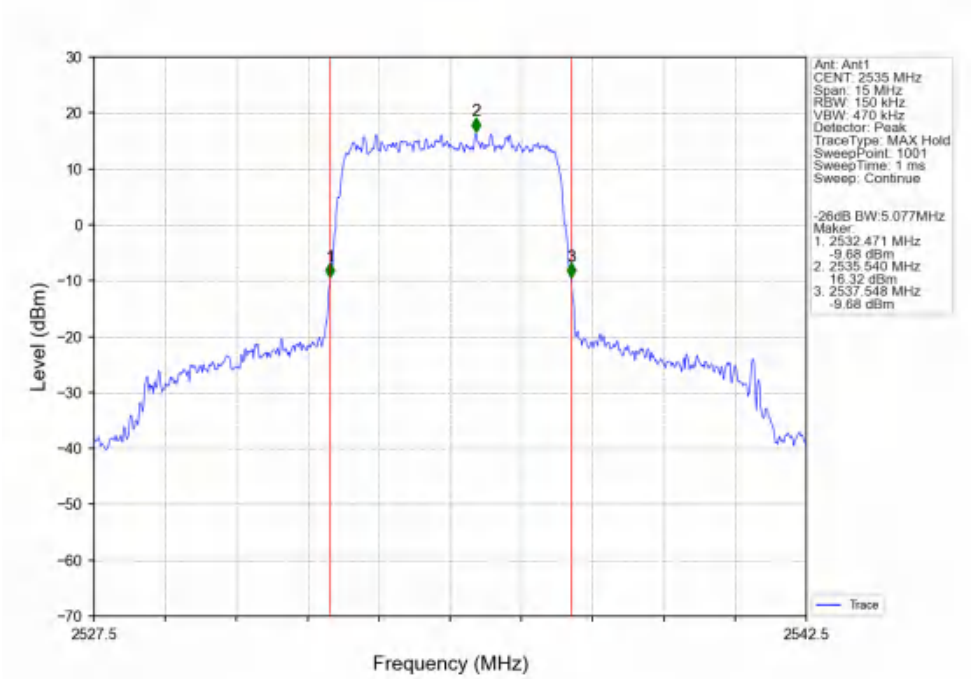


4.2.2 Band7_XDB

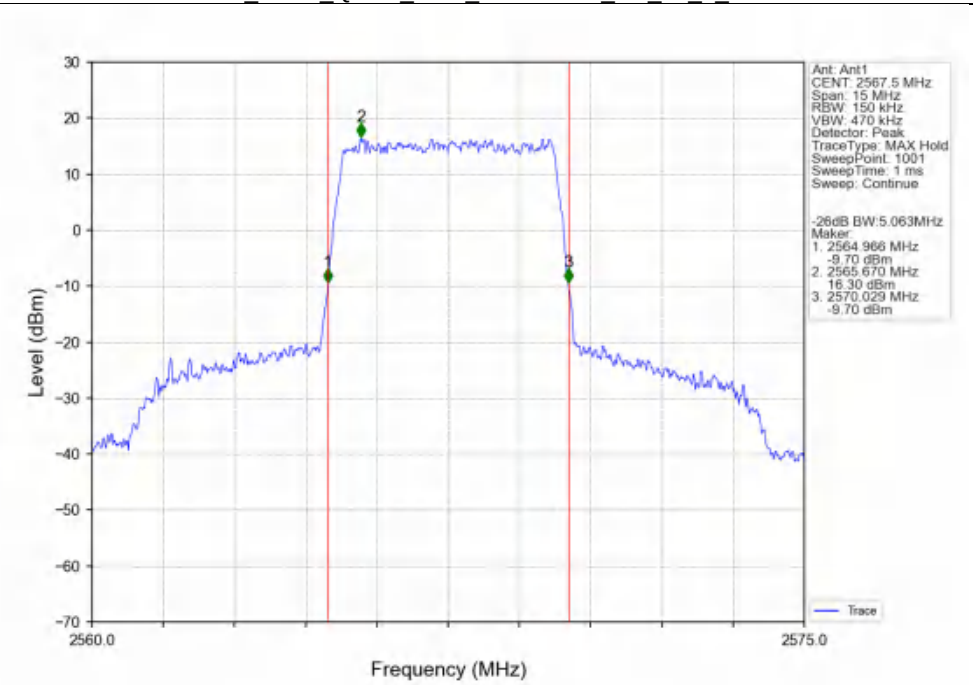
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



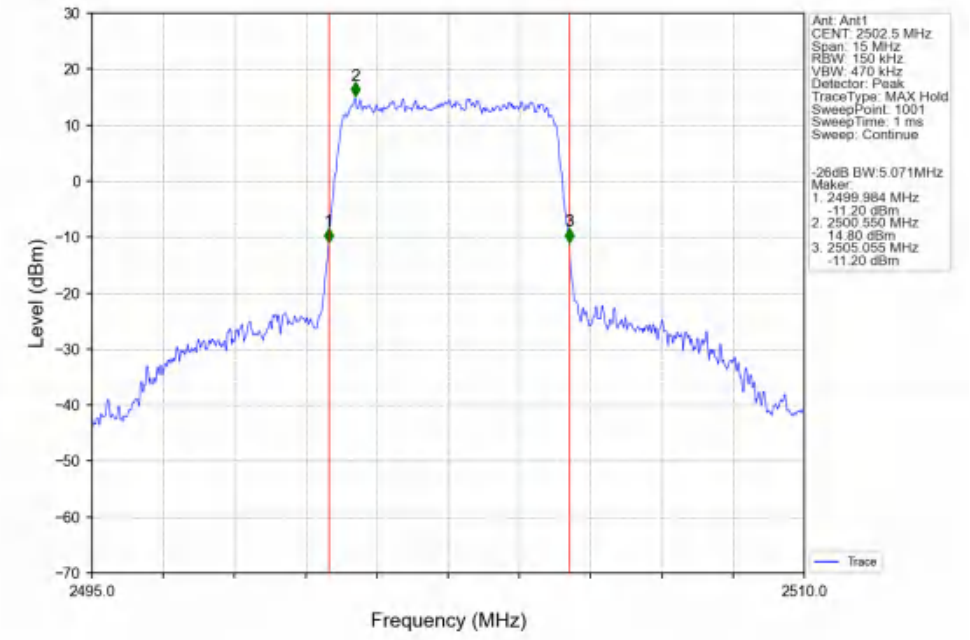
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



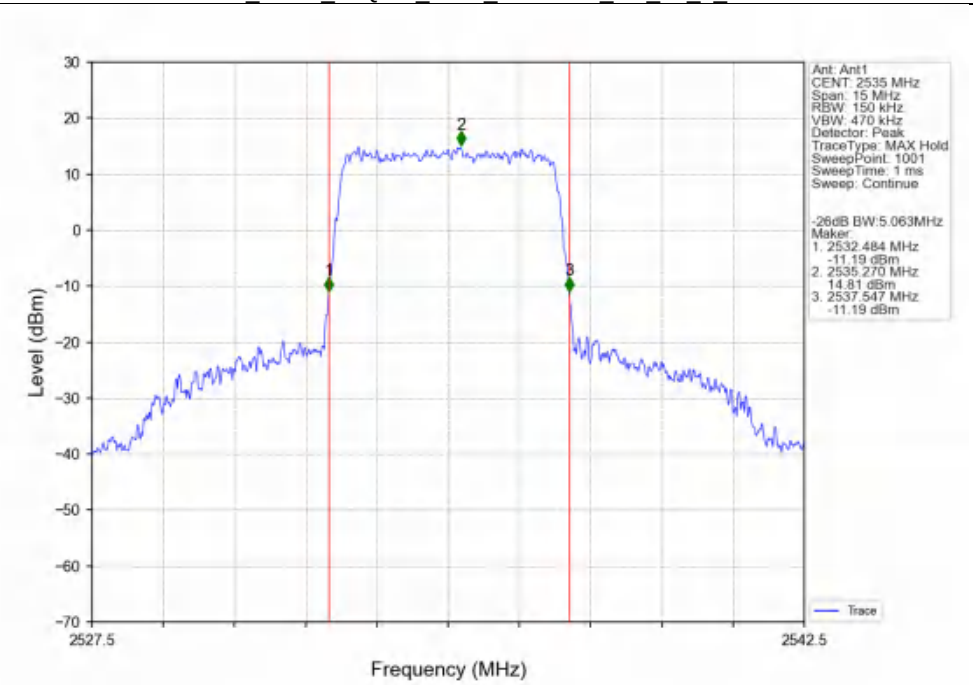
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



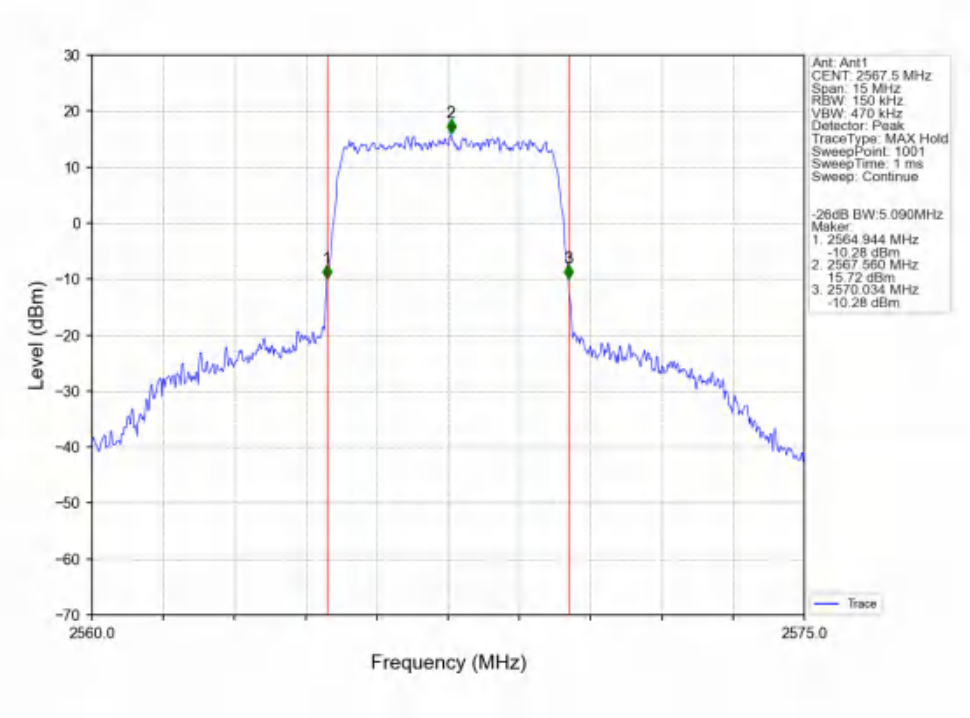
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



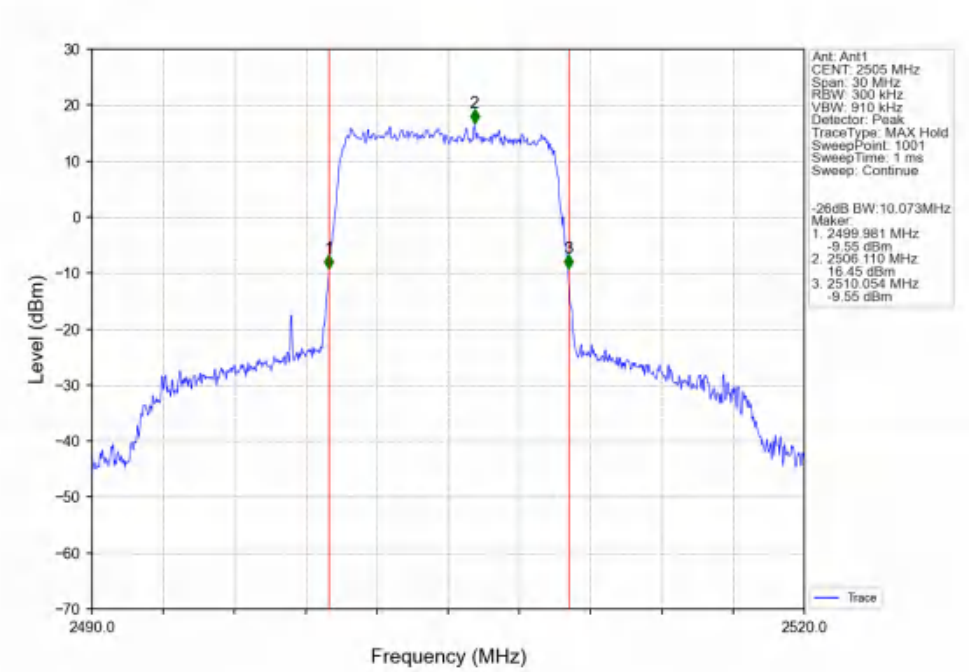
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



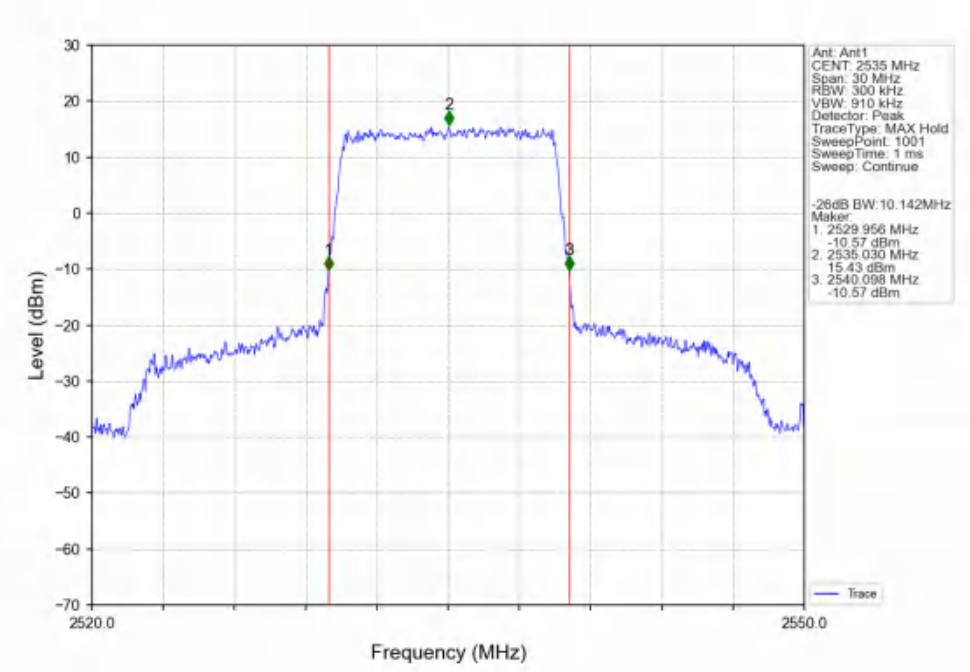
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



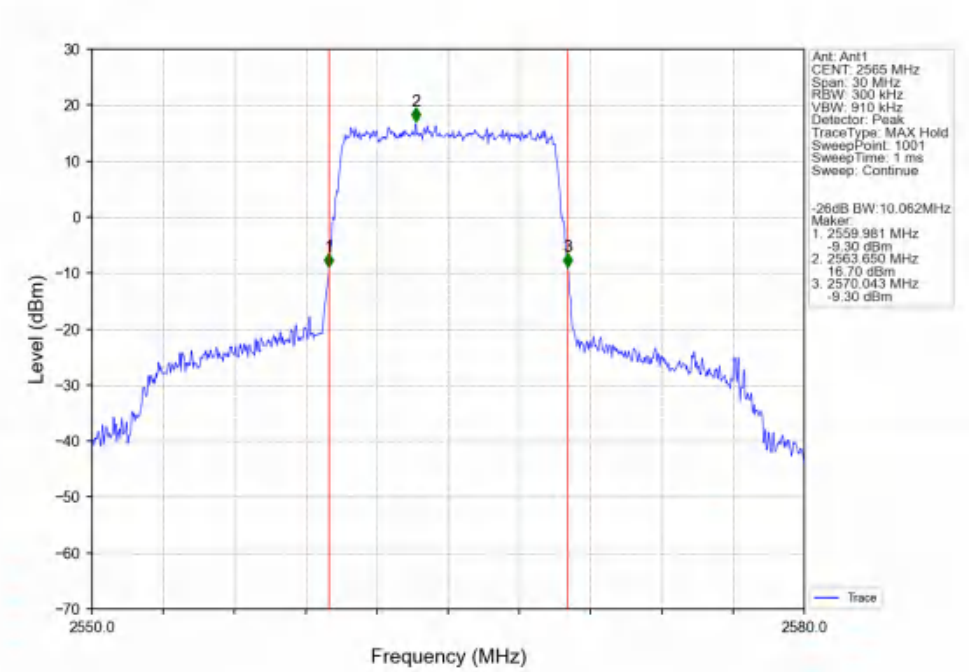
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



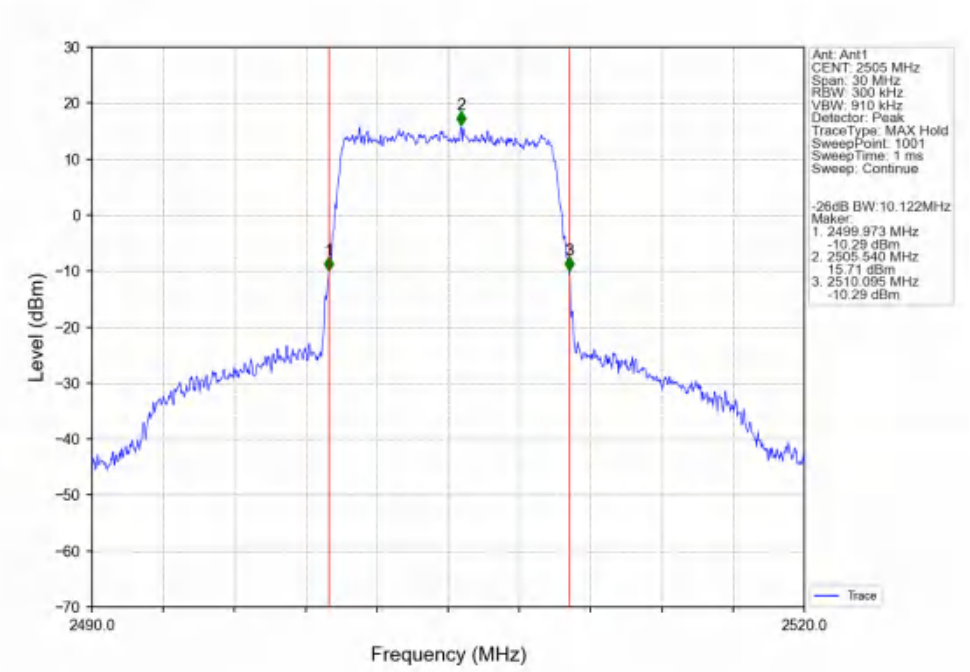
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



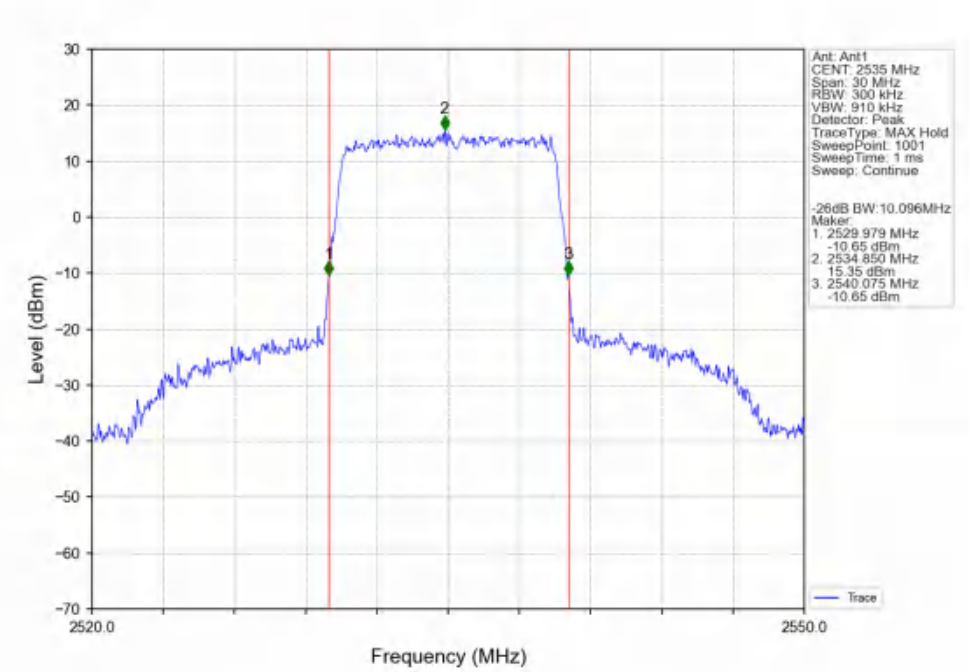
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



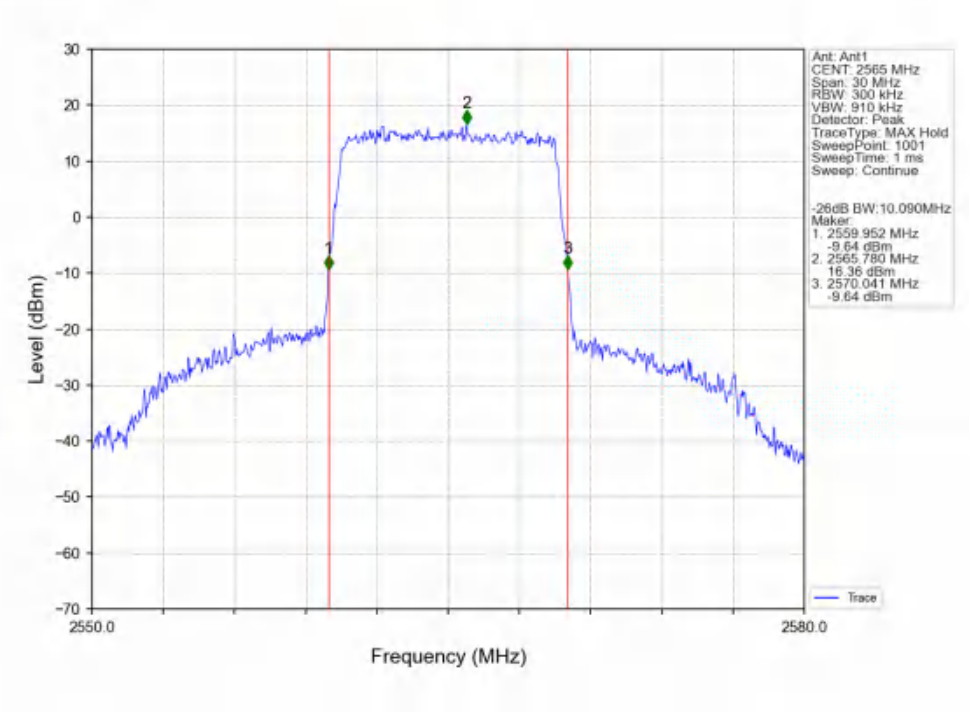
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



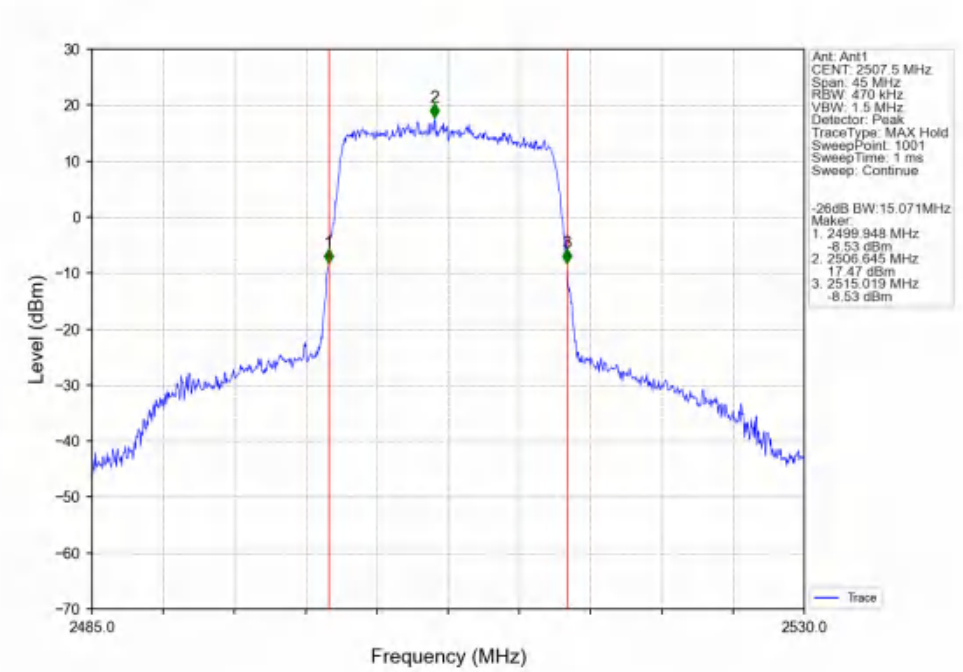
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



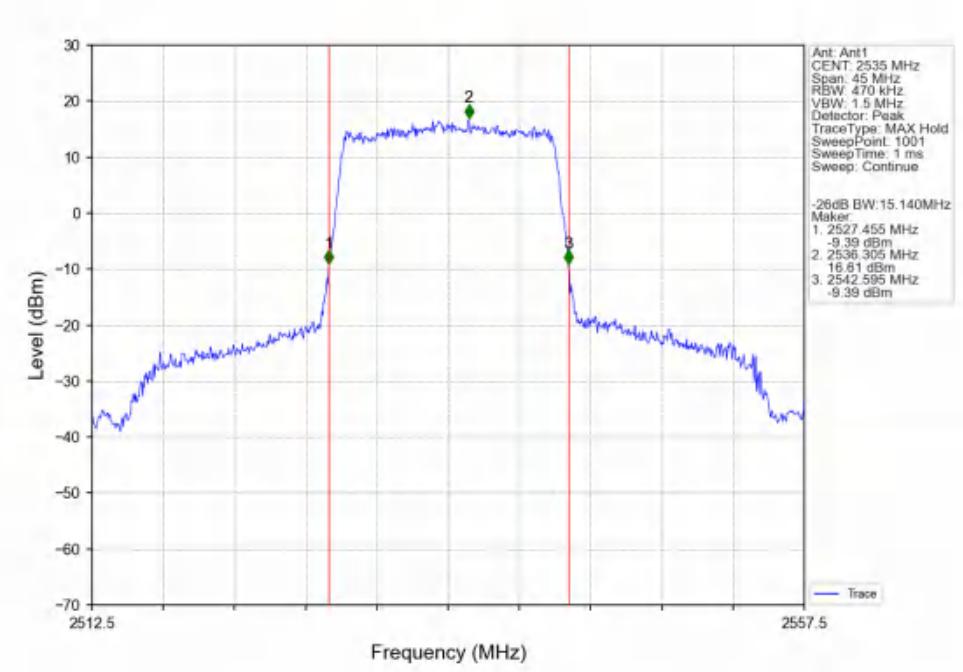
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



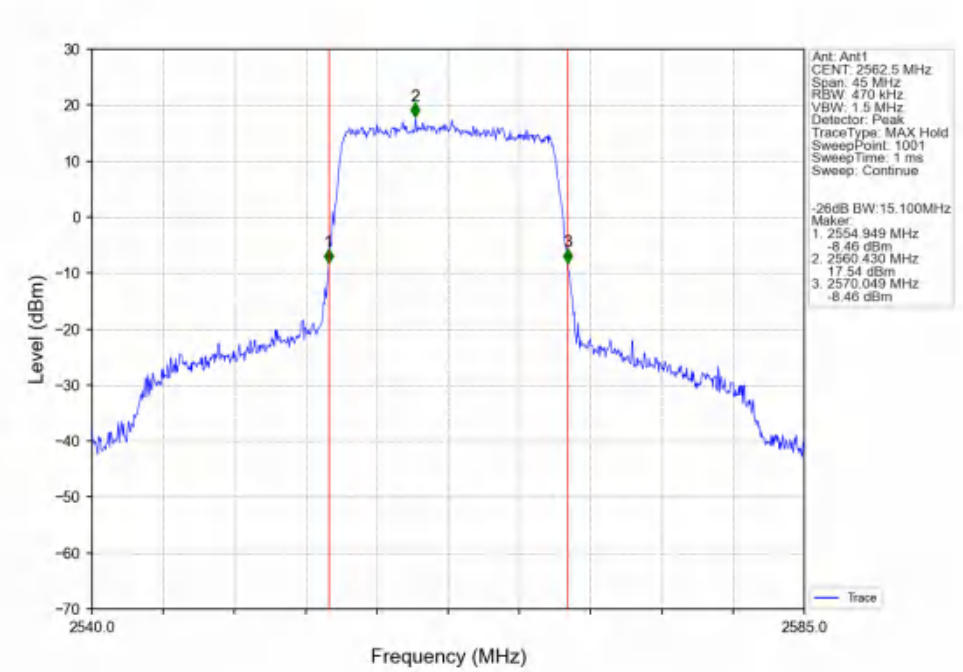
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



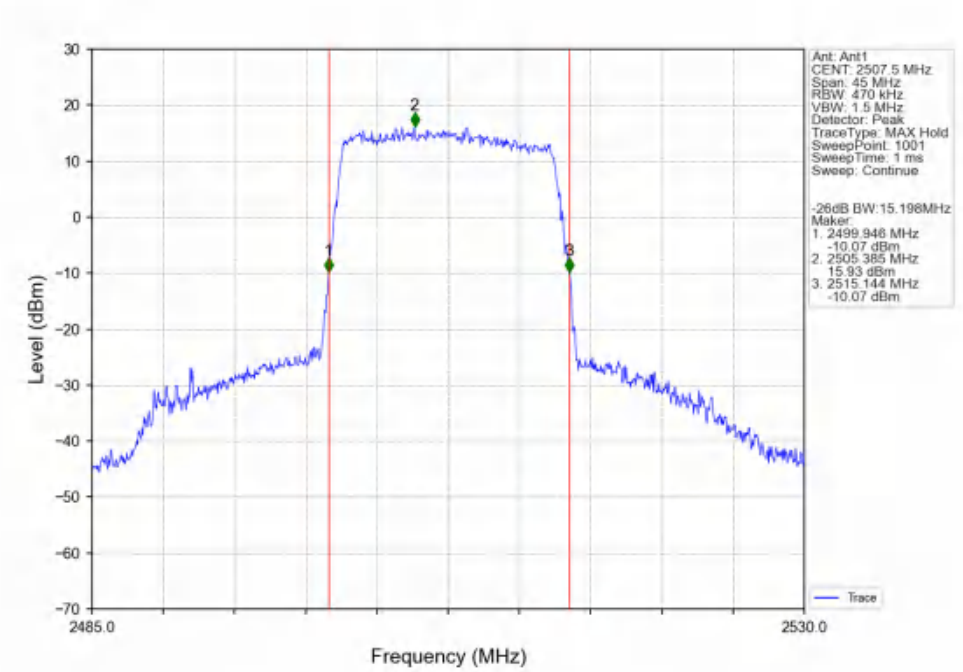
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



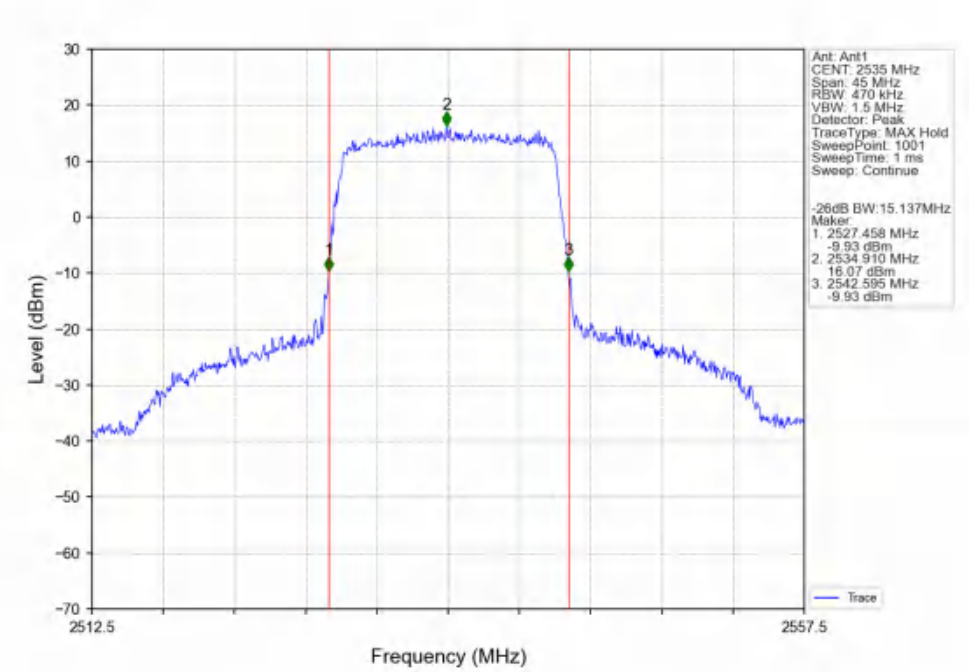
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



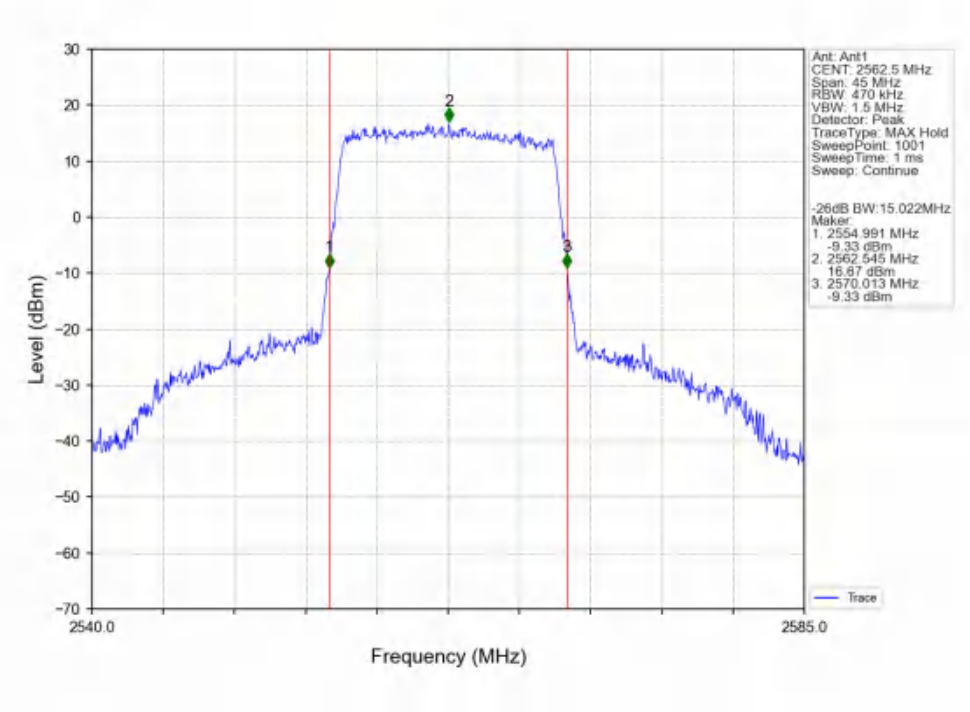
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



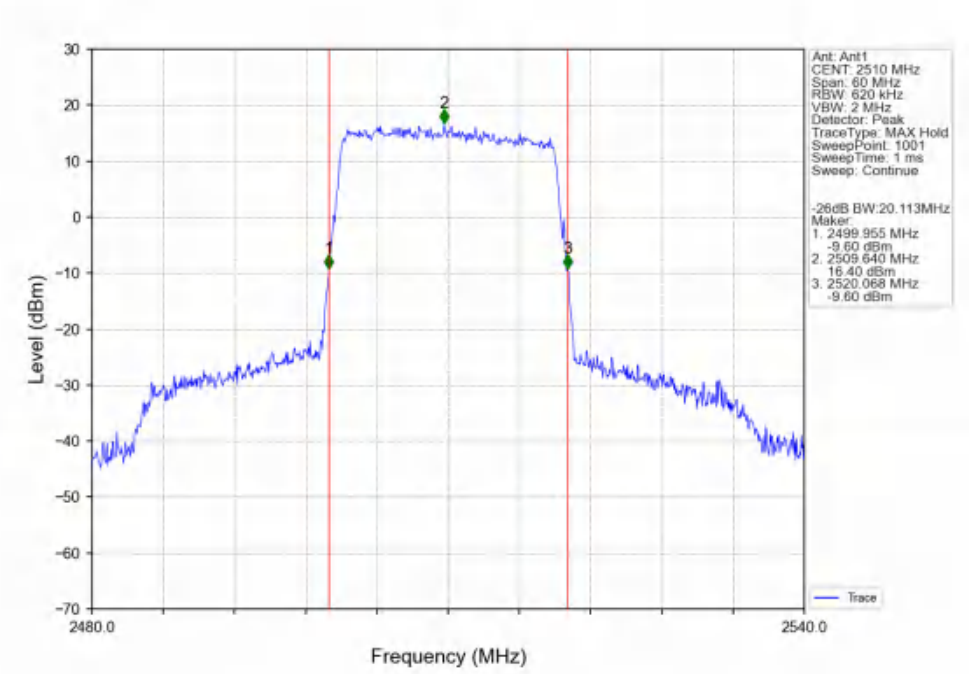
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



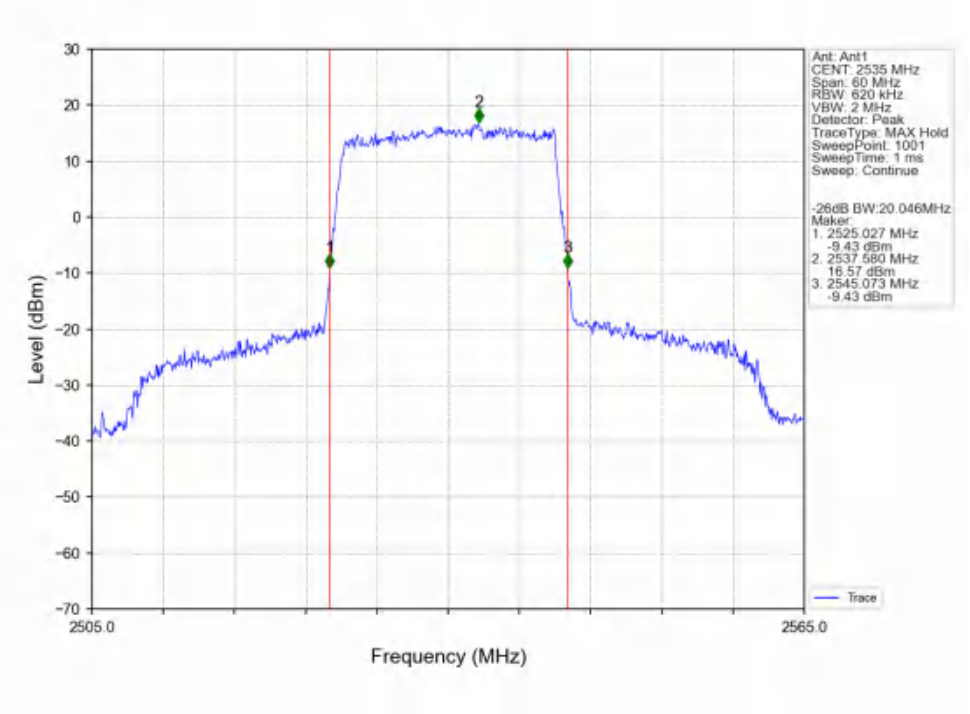
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



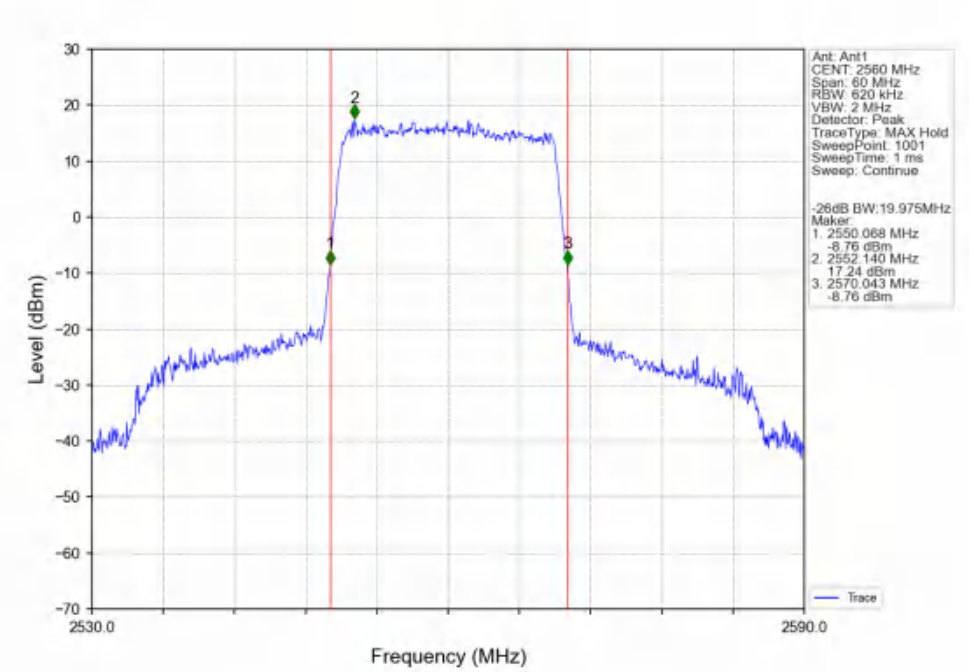
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



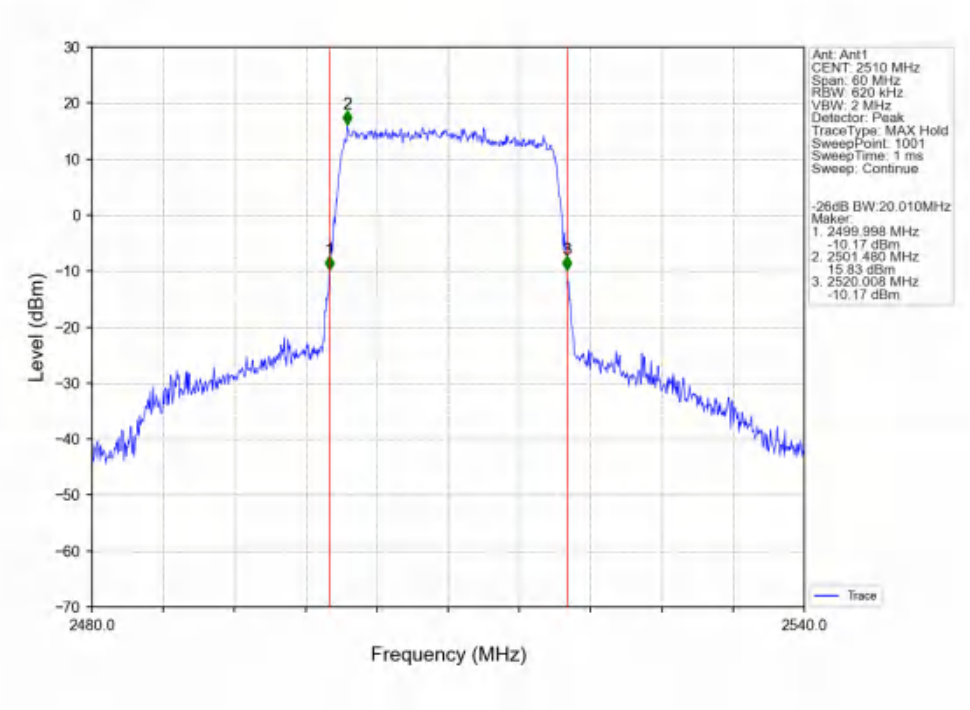
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



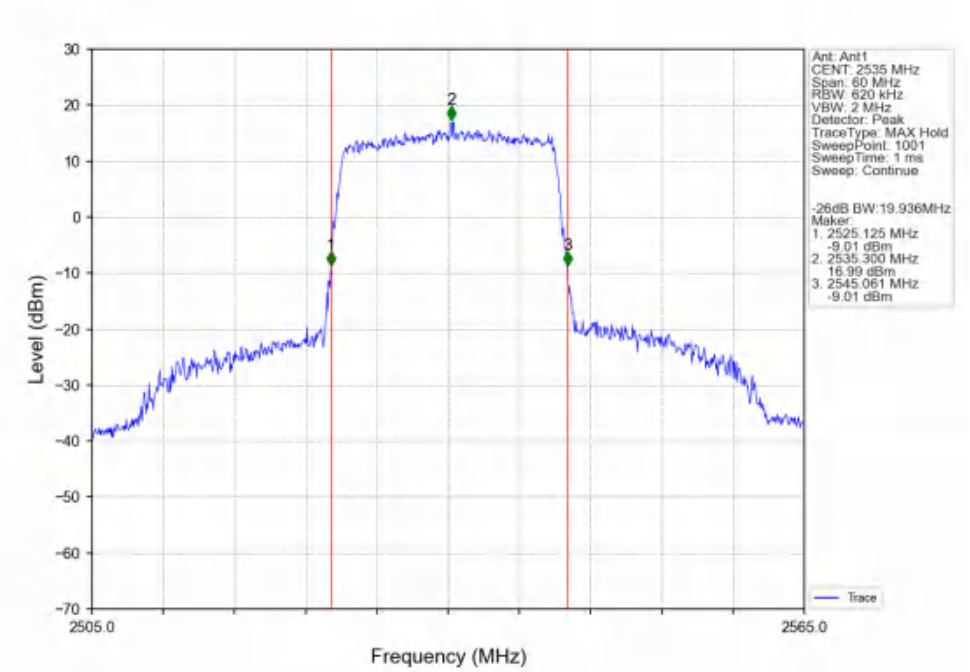
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



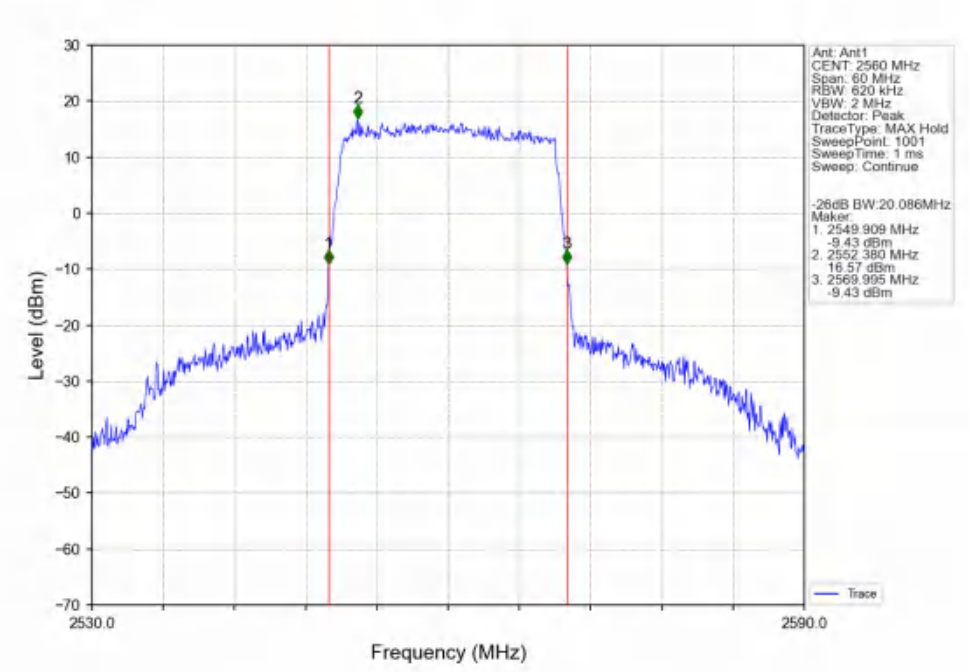
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



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	5.38	<=13	Pass
	2535	25	0	5.20	<=13	Pass
	2567.5	25	0	5.14	<=13	Pass
16QAM	2502.5	25	0	6.03	<=13	Pass
	2535	25	0	6.13	<=13	Pass
	2567.5	25	0	5.91	<=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	5.32	<=13	Pass
	2535	50	0	5.56	<=13	Pass
	2565	50	0	5.42	<=13	Pass
16QAM	2505	50	0	6.06	<=13	Pass
	2535	50	0	6.49	<=13	Pass
	2565	50	0	5.94	<=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	5.46	<=13	Pass
	2535	75	0	5.51	<=13	Pass
	2562.5	75	0	5.48	<=13	Pass
16QAM	2507.5	75	0	6.00	<=13	Pass
	2535	75	0	6.44	<=13	Pass
	2562.5	75	0	5.87	<=13	Pass

5.1.4 B7_20MHz

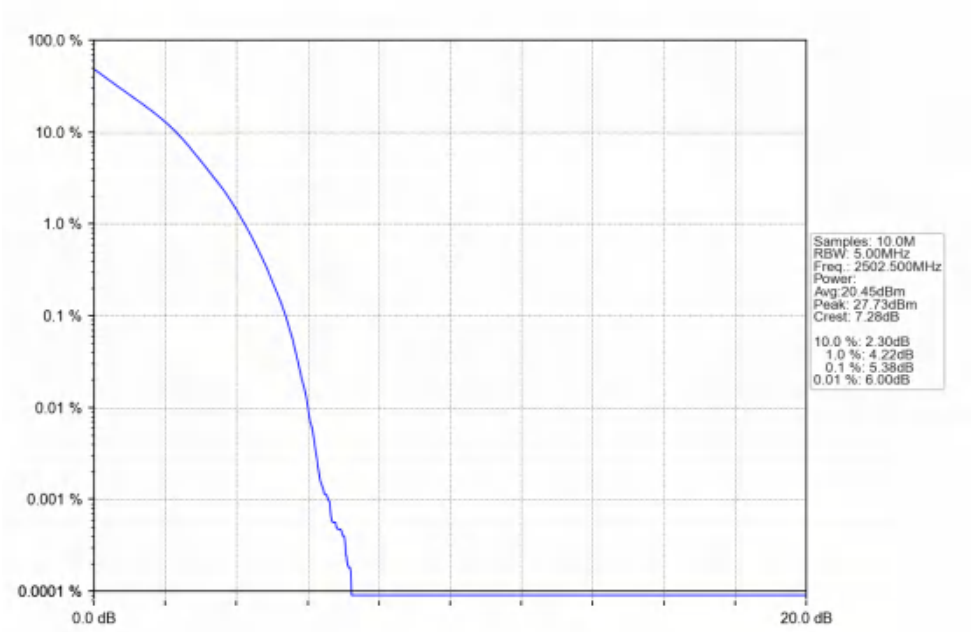
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.39	<=13	Pass
	2535	100	0	5.60	<=13	Pass
	2560	100	0	5.41	<=13	Pass
16QAM	2510	100	0	6.10	<=13	Pass
	2535	100	0	6.38	<=13	Pass

	2560	100	0	5.95	<=13	Pass

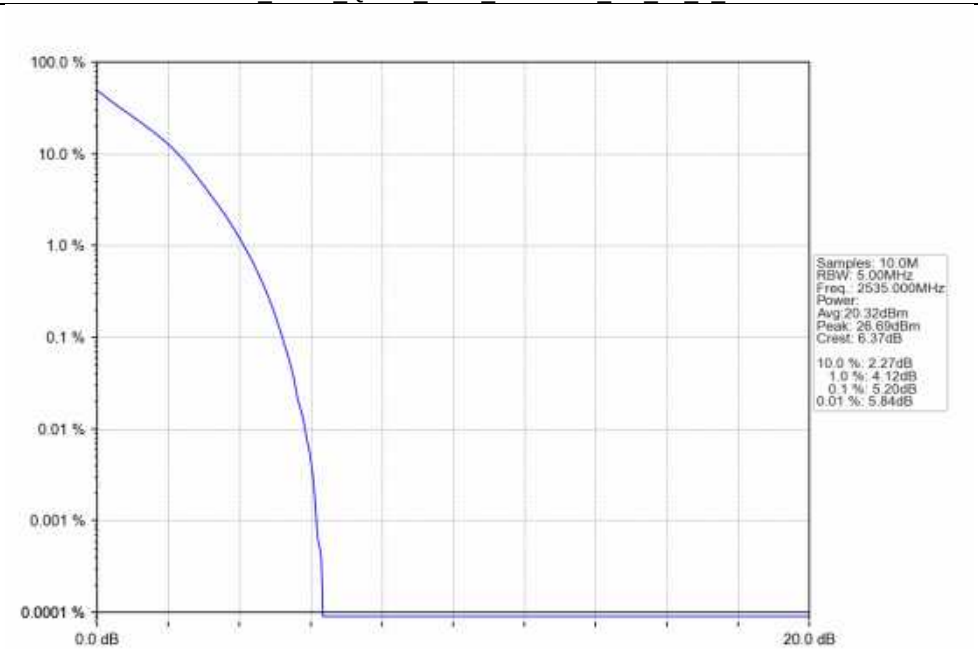
5.2 Test Graph

5.2.1 B7_5MHz

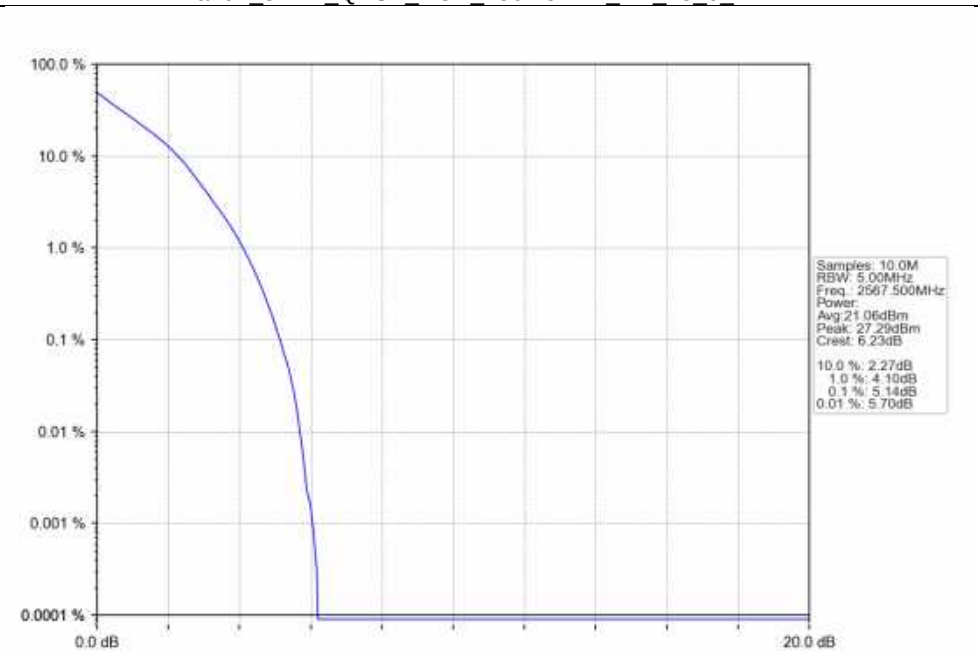
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



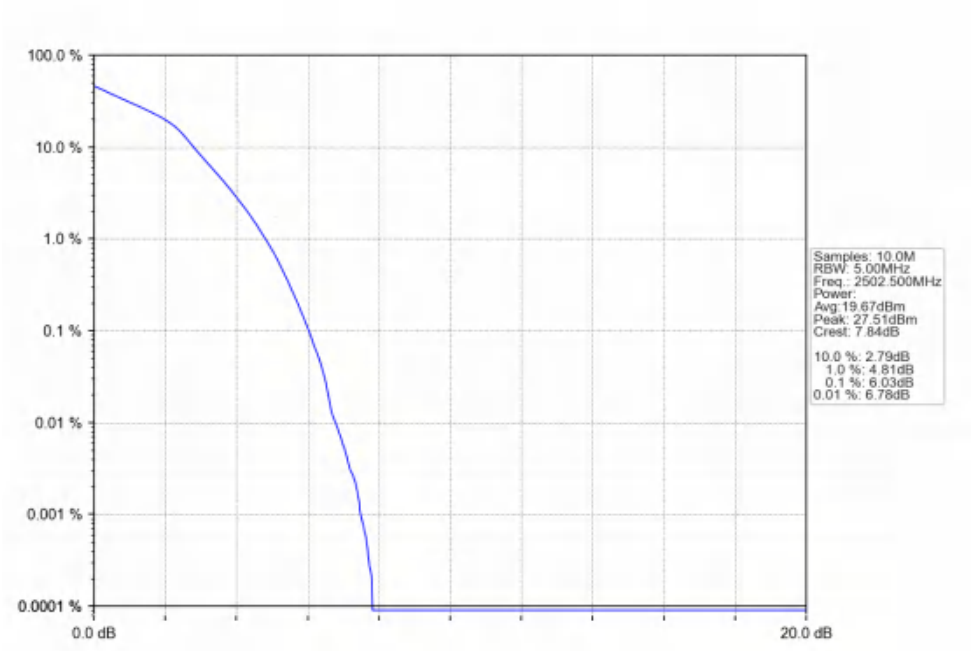
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



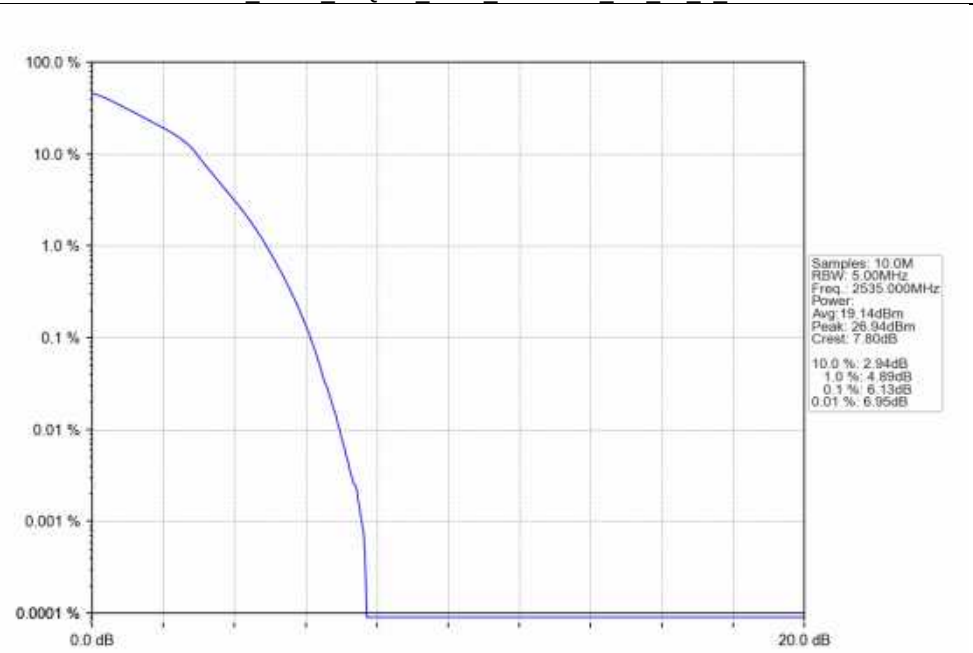
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



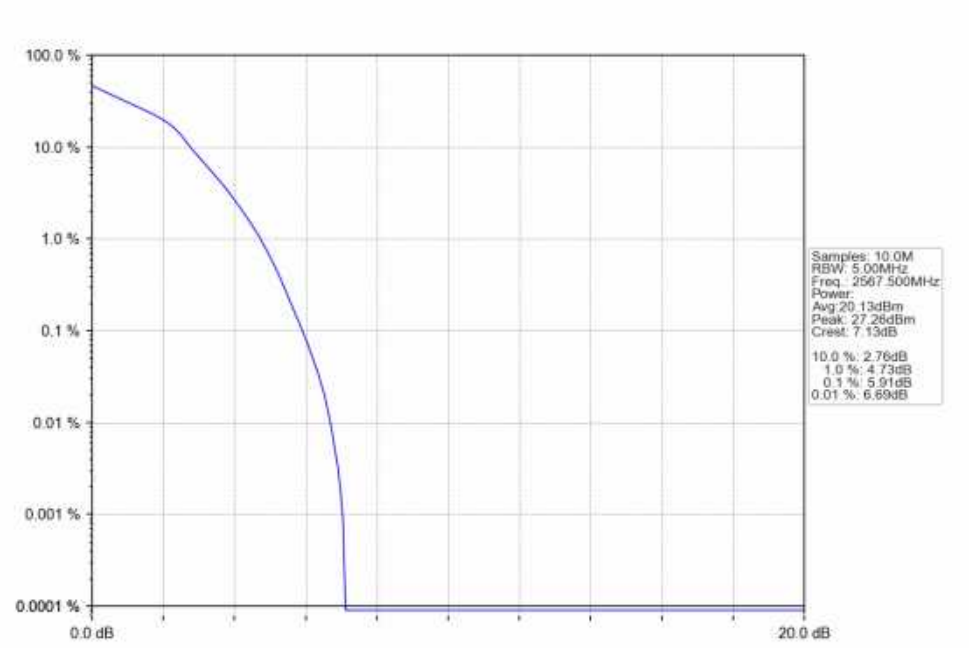
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV

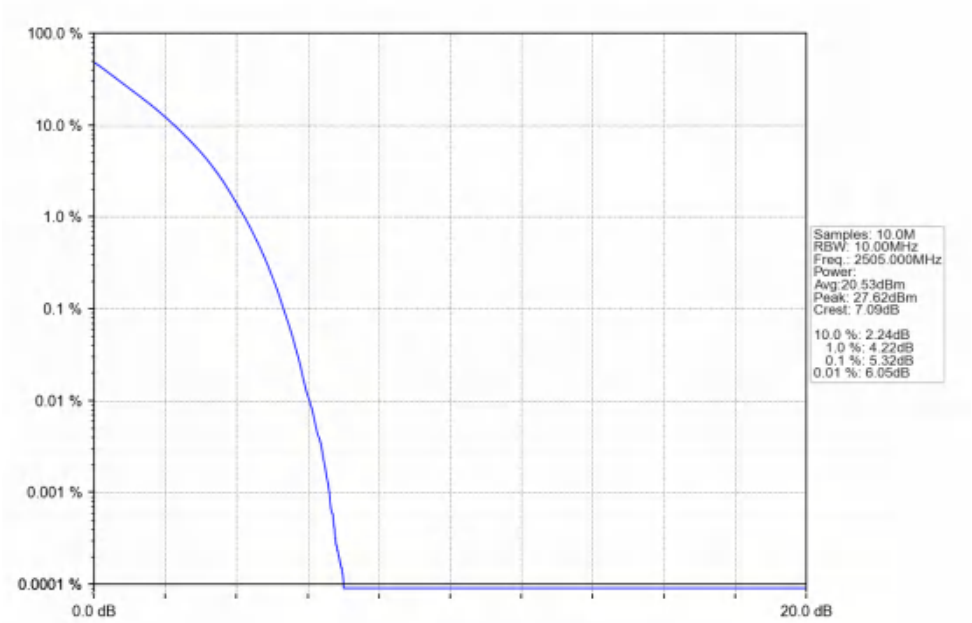


Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV

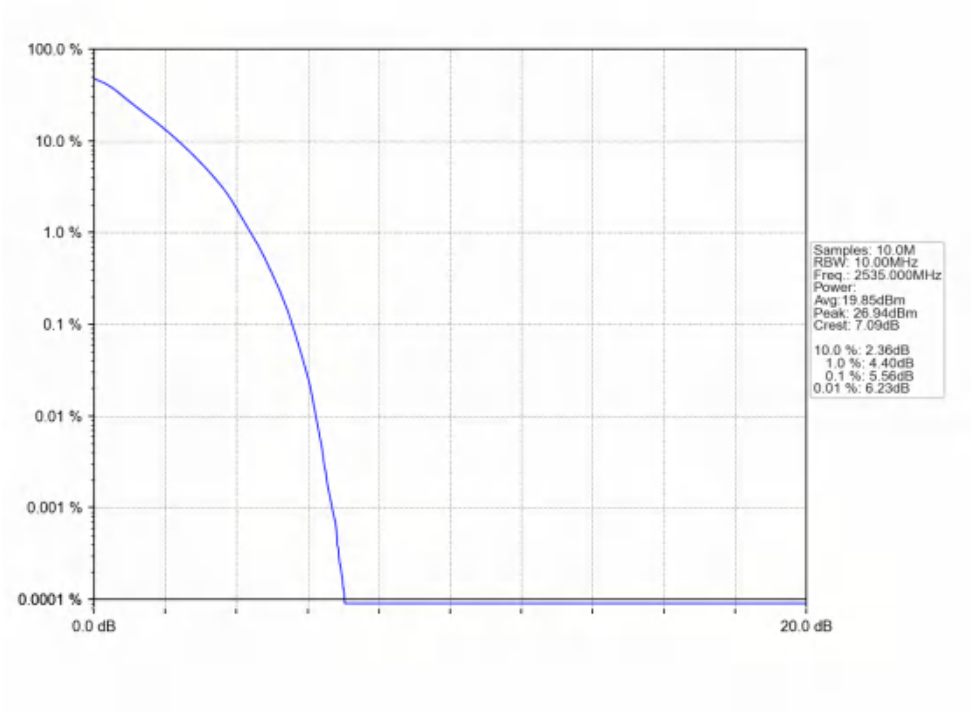


5.2.2 B7_10MHz

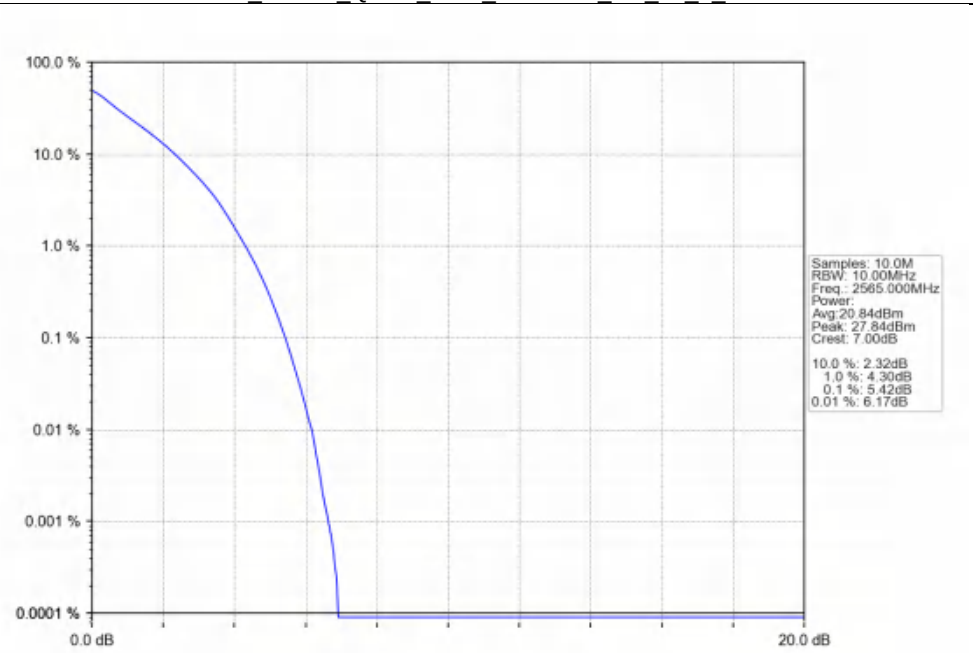
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



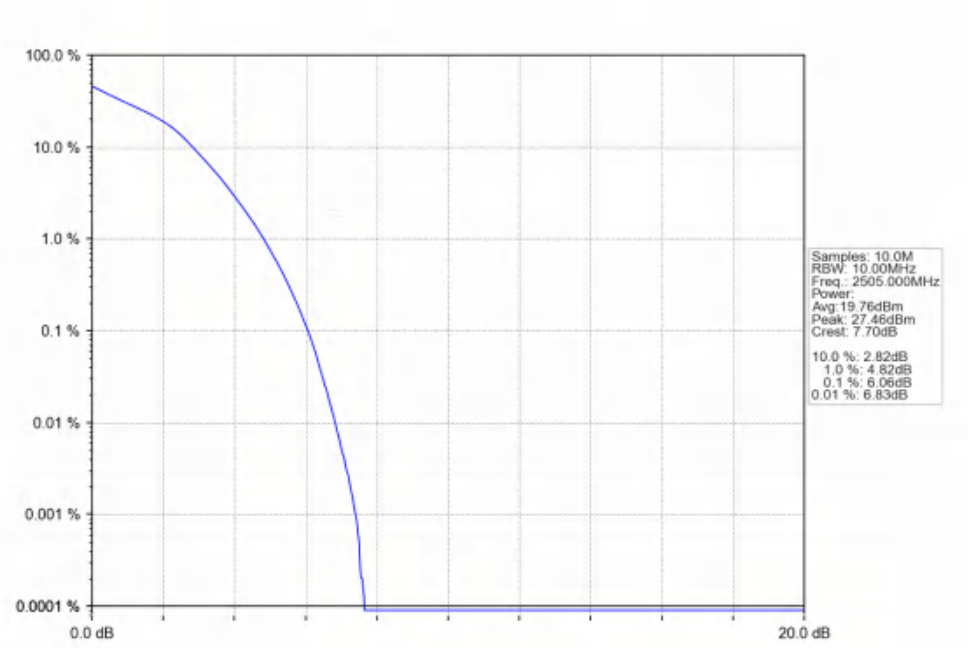
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



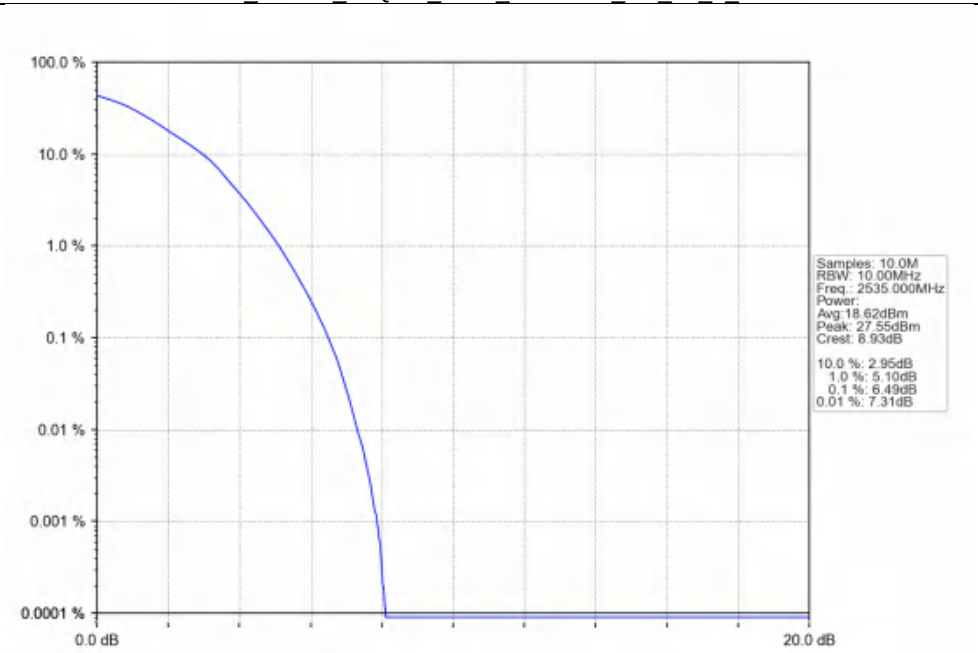
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



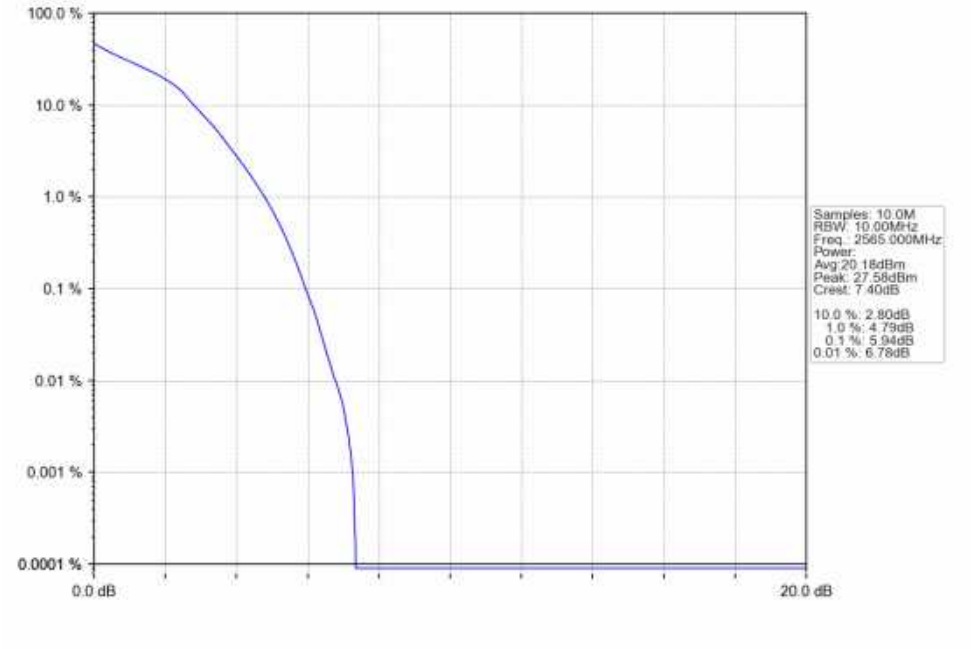
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV

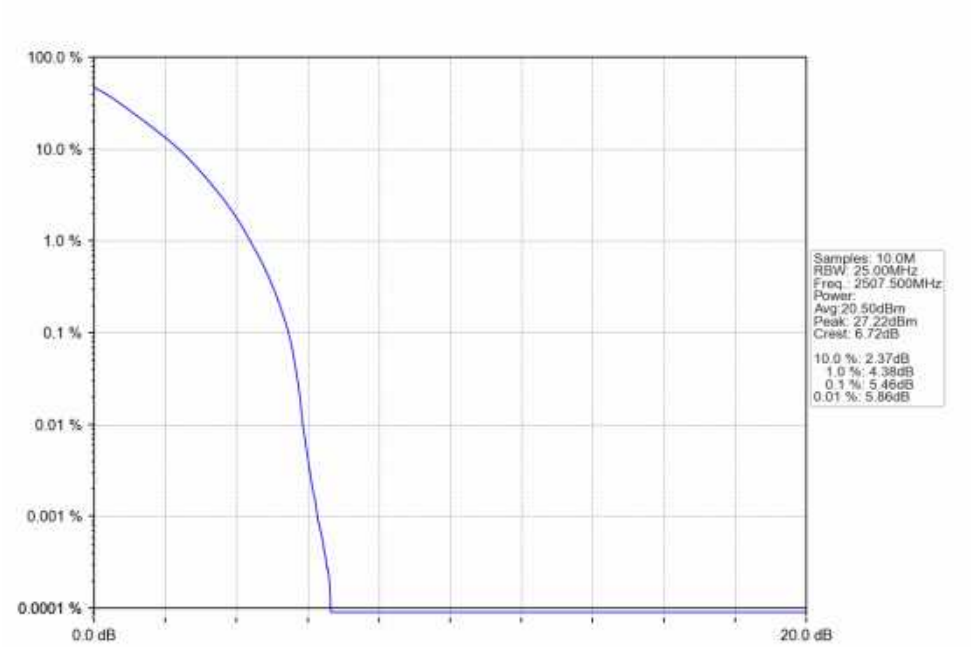


Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV

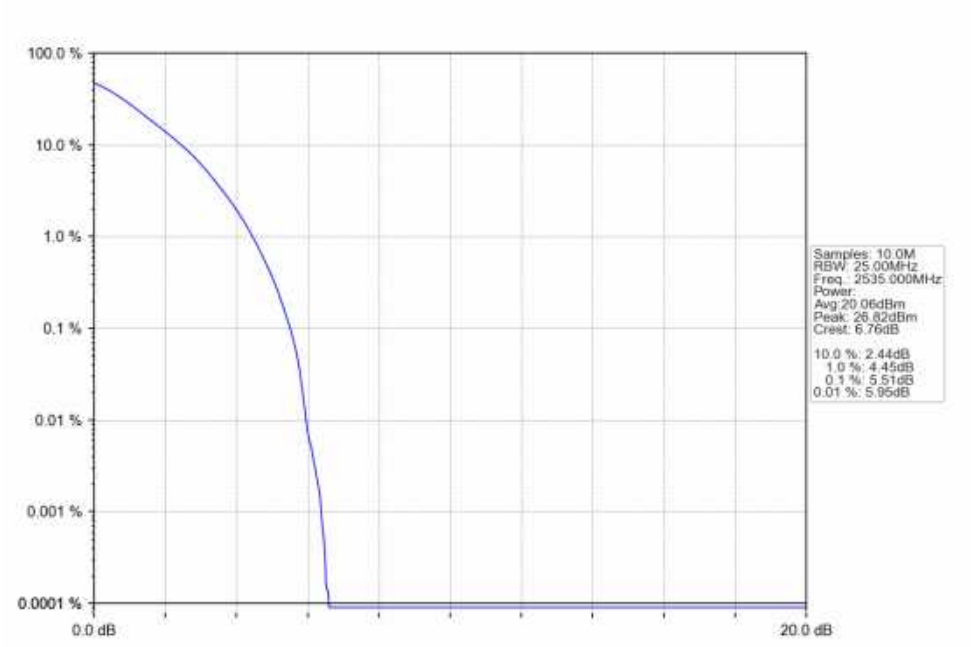


5.2.3 B7_15MHz

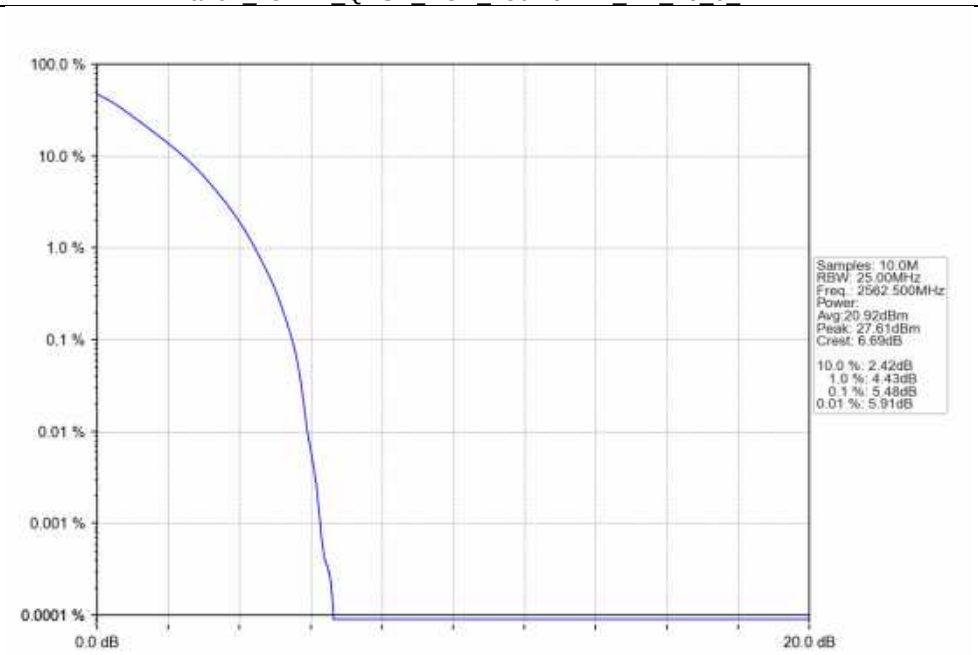
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



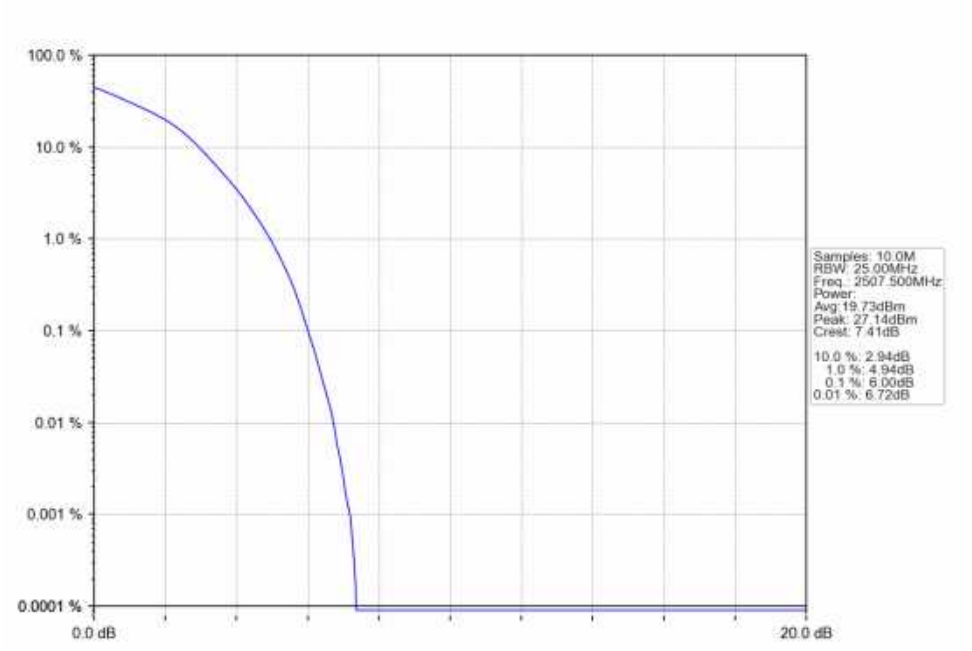
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



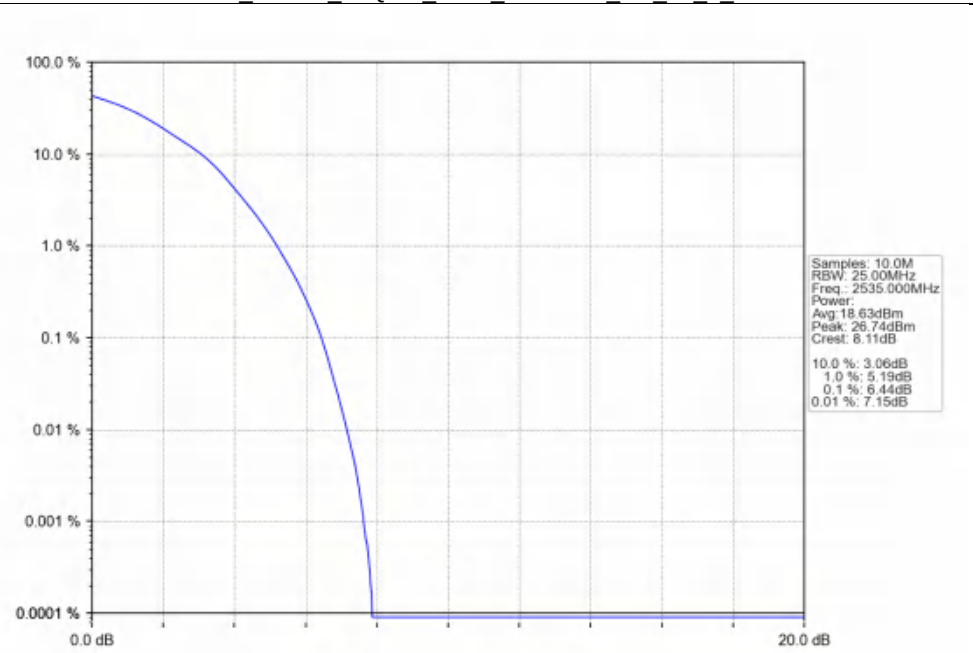
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



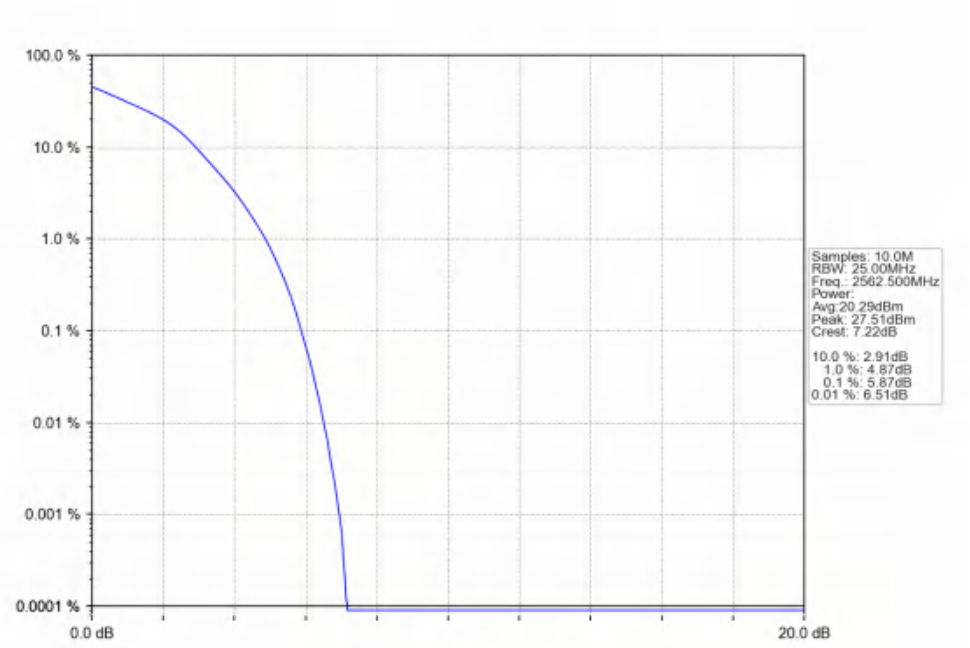
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV

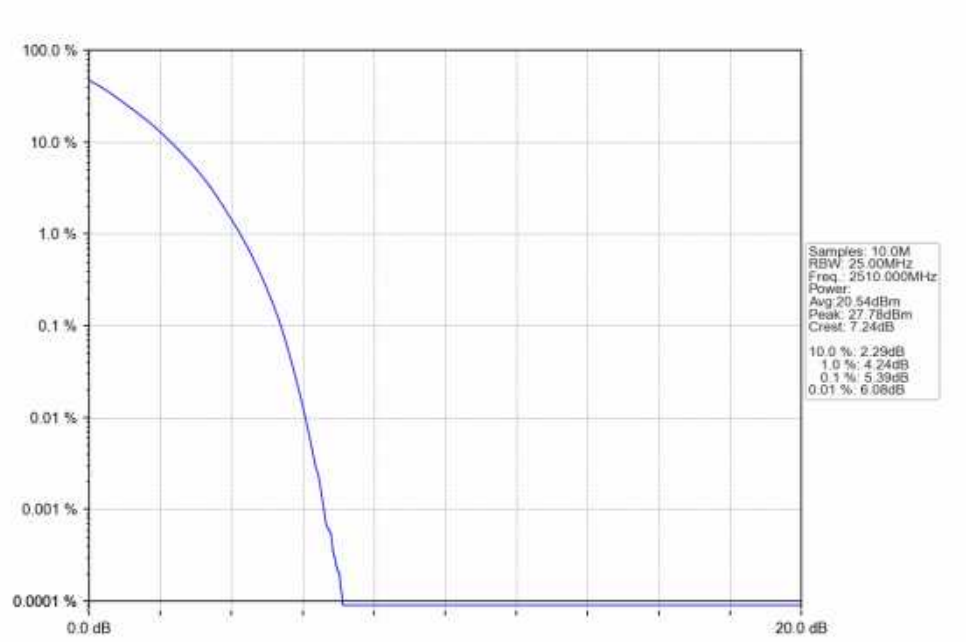


Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV

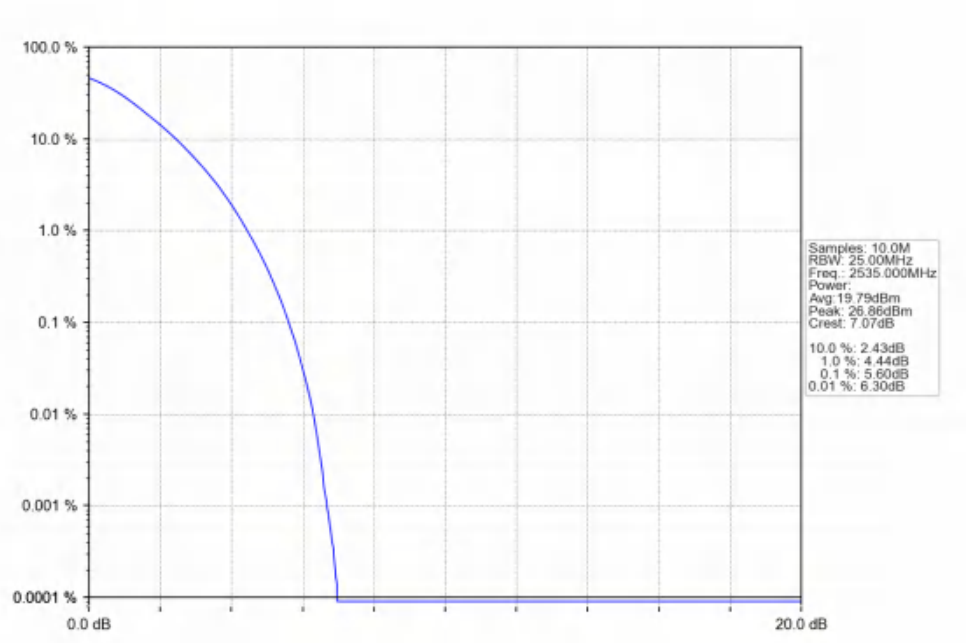


5.2.4 B7_20MHz

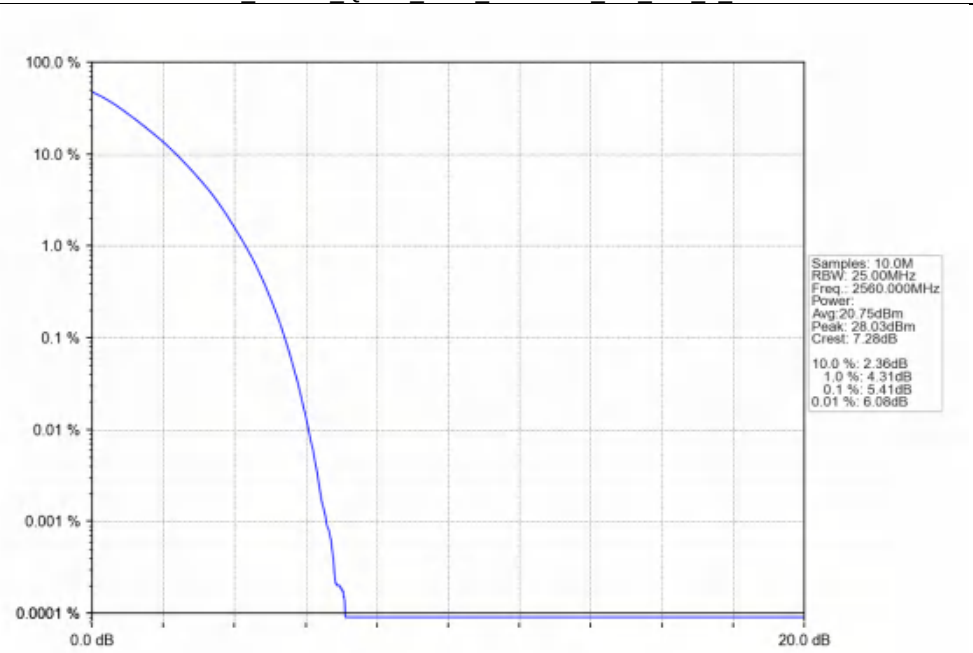
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



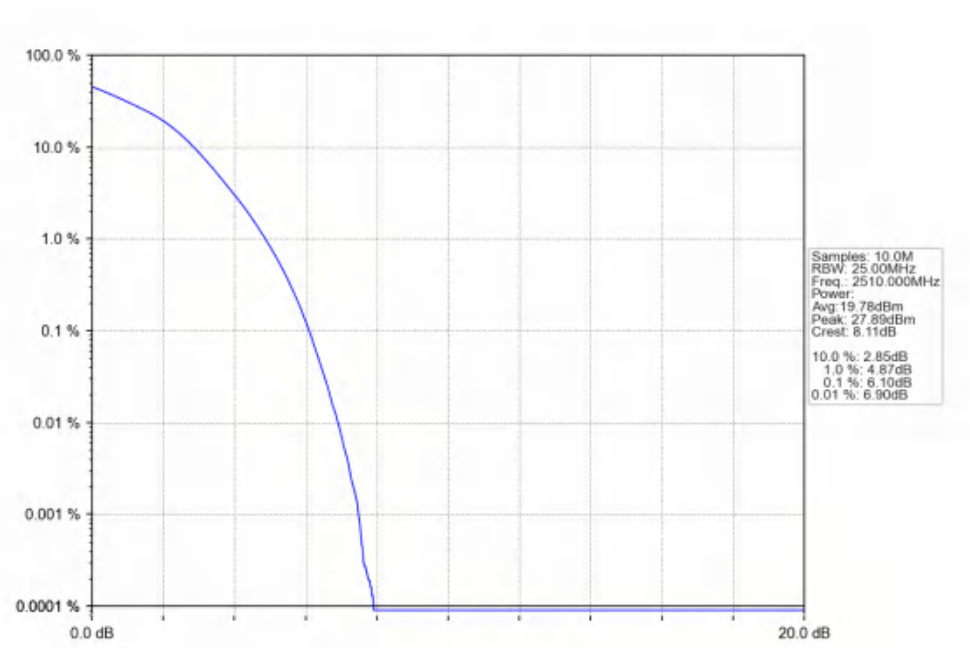
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



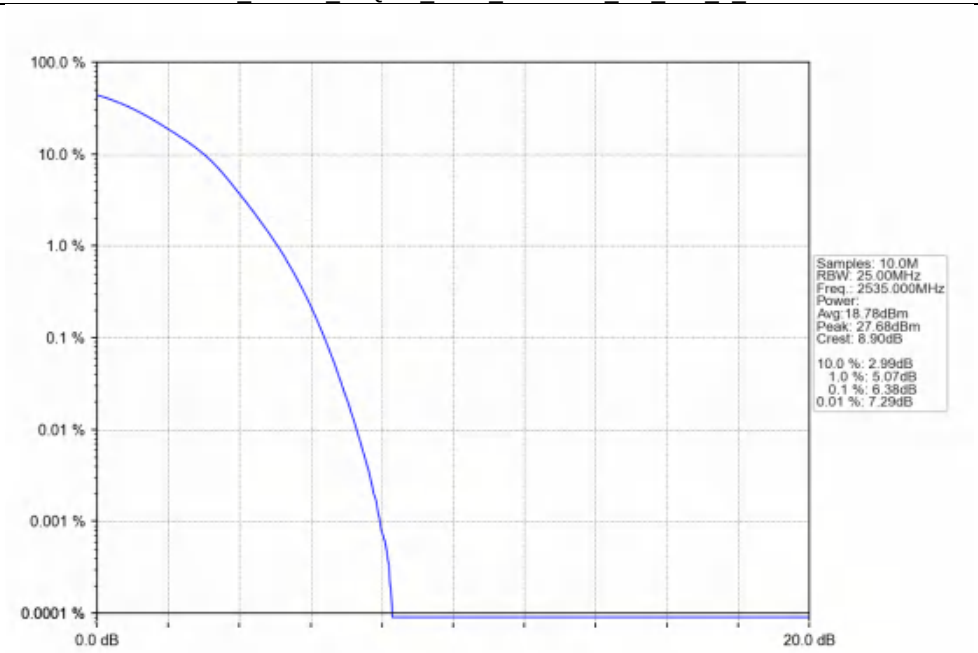
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



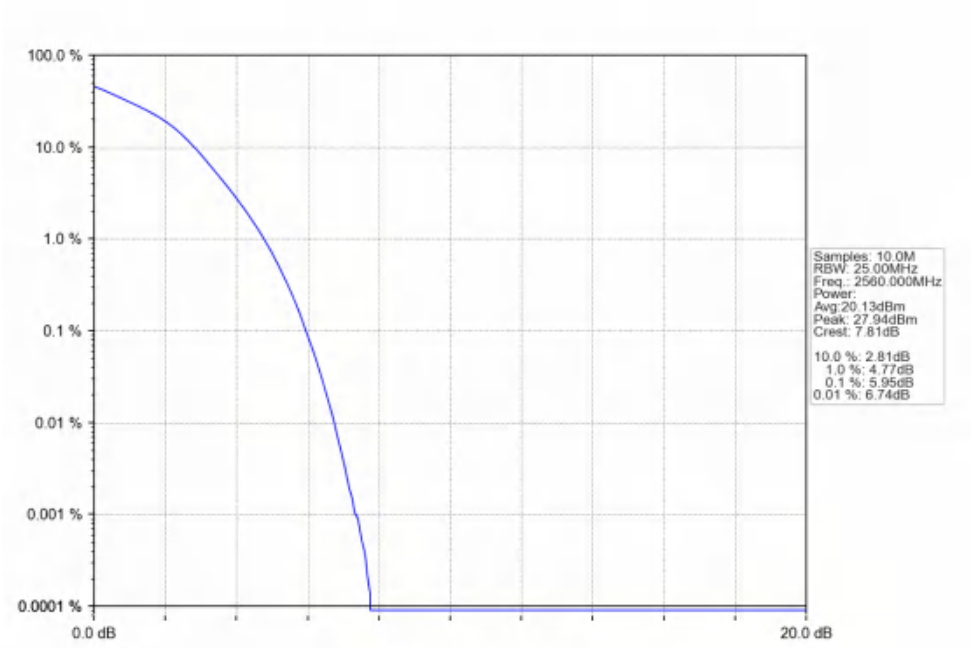
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



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

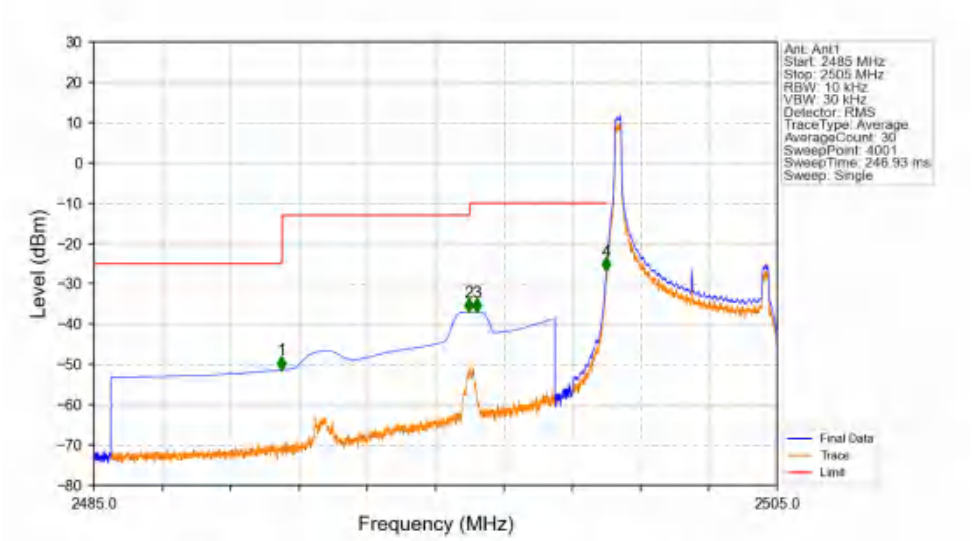
6.1.4 B7_20MHz

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

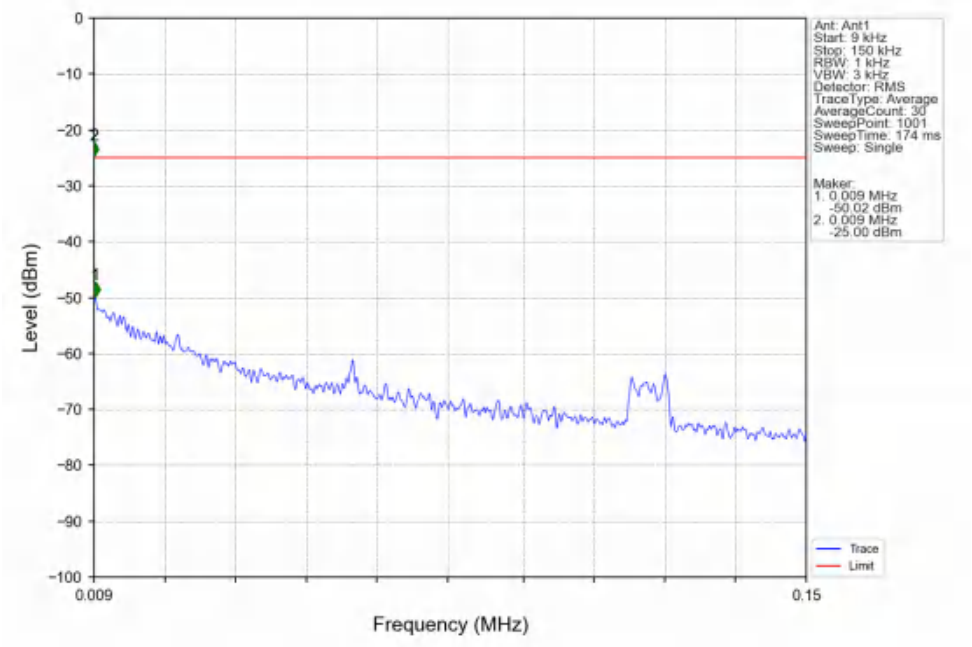
6.2.1 B7_5MHz

Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

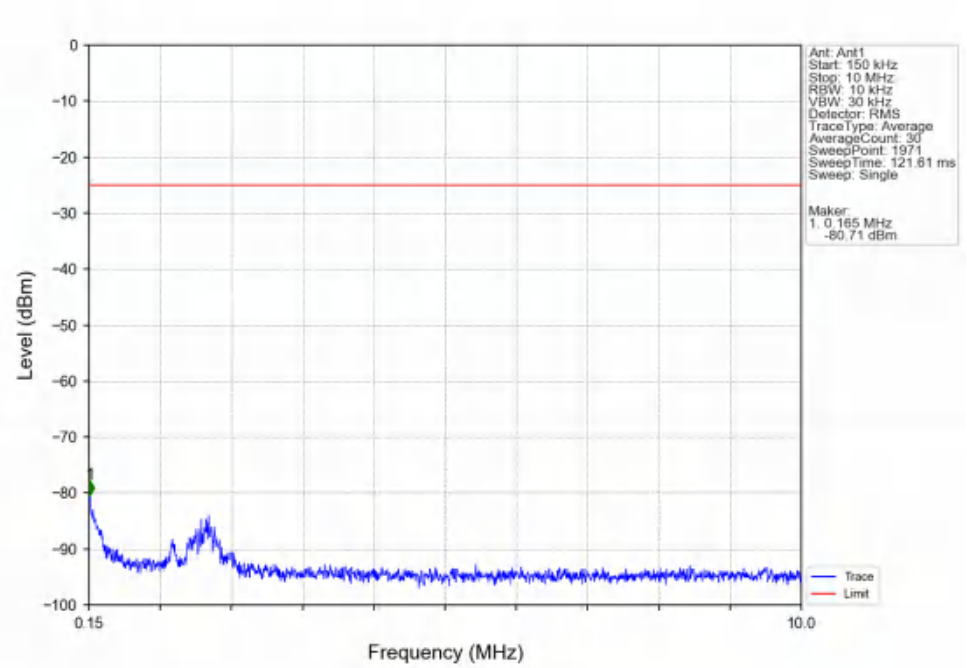


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-51.39	-25	Pass
2490.5	2496	1	CHP	2	2495.980	-37.04	-13	Pass
2496	2499	1	CHP	3	2496.200	-36.98	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-26.87	-10	Pass
2500	2505	0.02	CHP	/	/	/	/	/

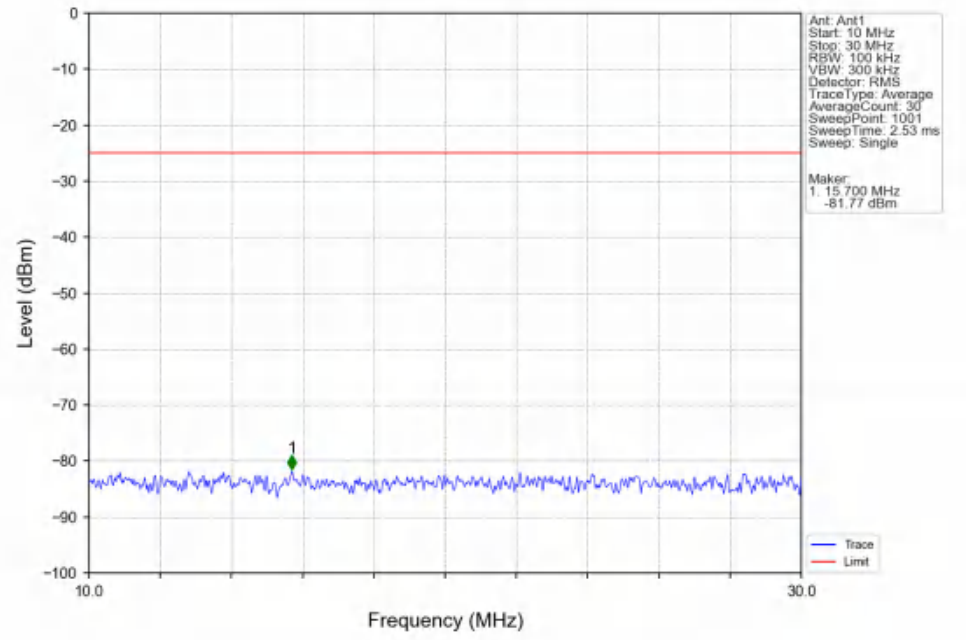
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



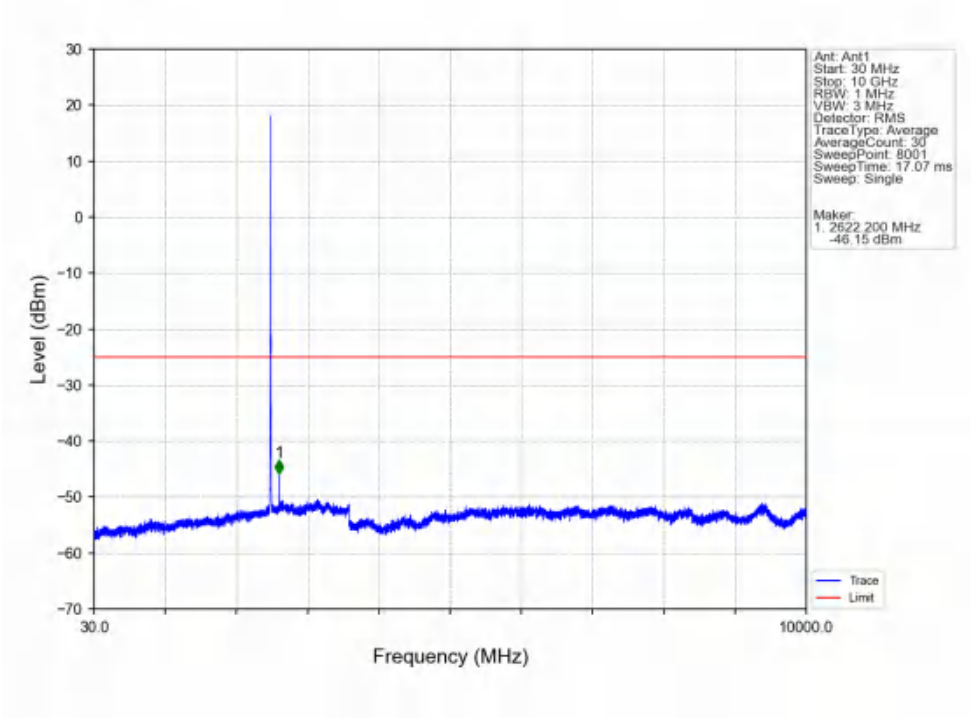
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



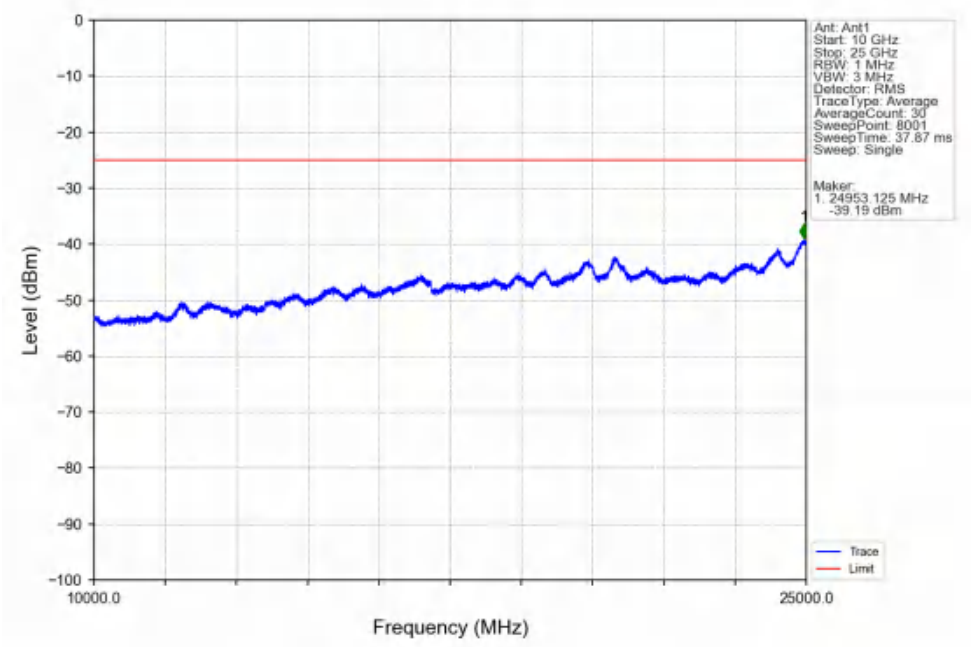
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



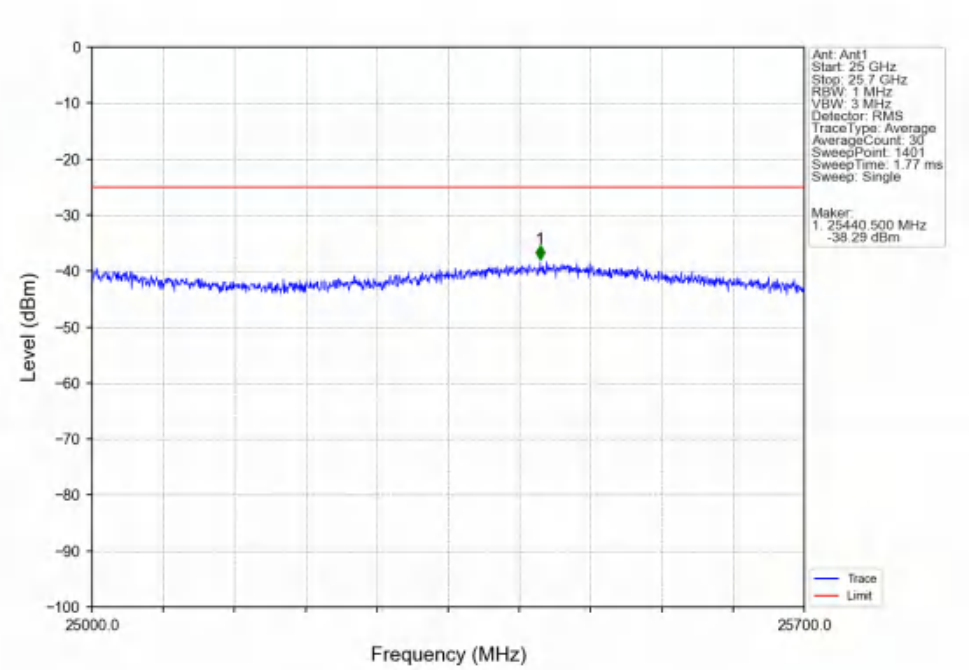
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



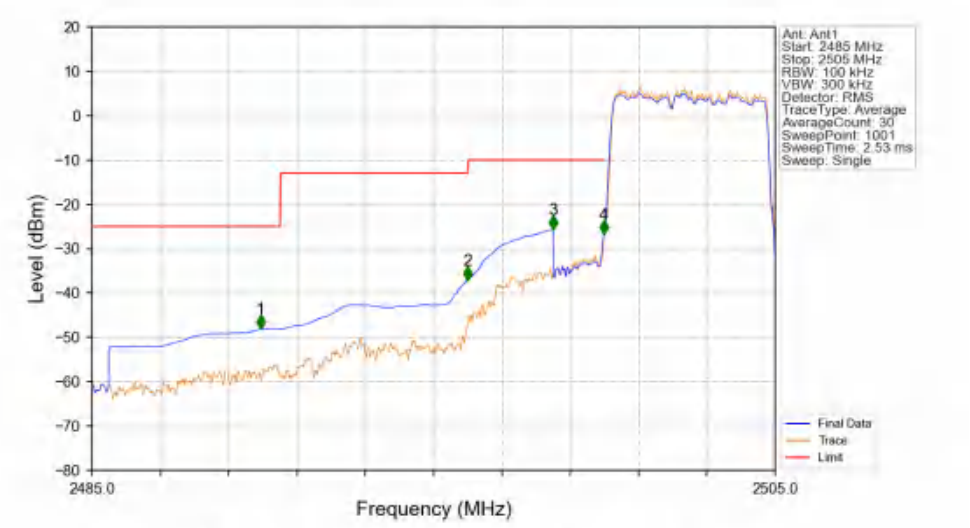
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

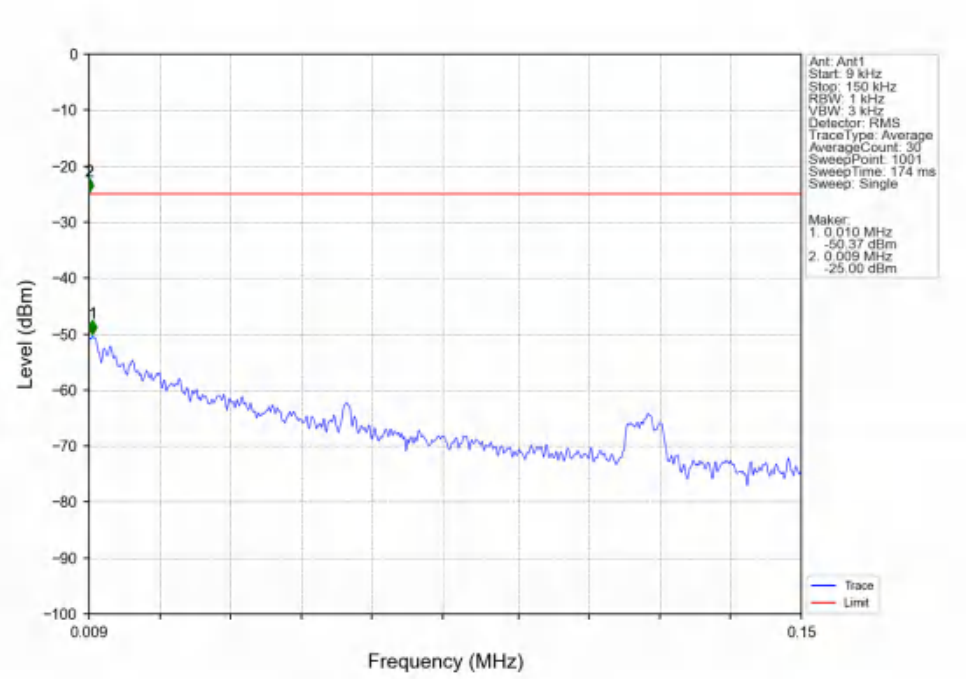


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

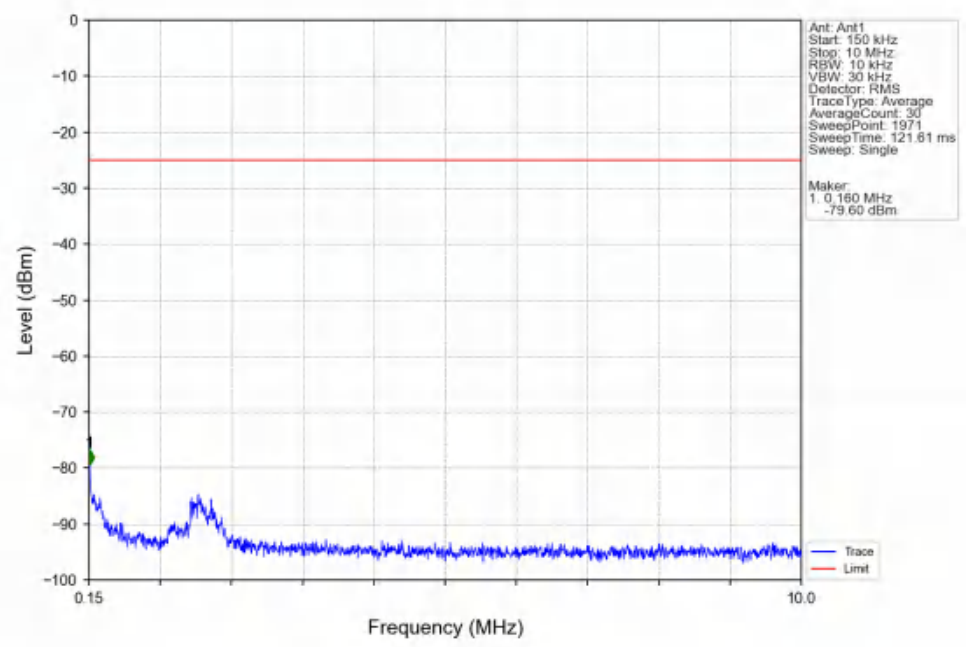


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.940	-48.10	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-37.08	-13	Pass
2496	2499	1	CHP	3	2498.500	-25.75	-10	Pass
2499	2500	0.101	CHP	4	2499.980	-26.84	-10	Pass
2500	2505	0.101	CHP	/	/	/	/	/

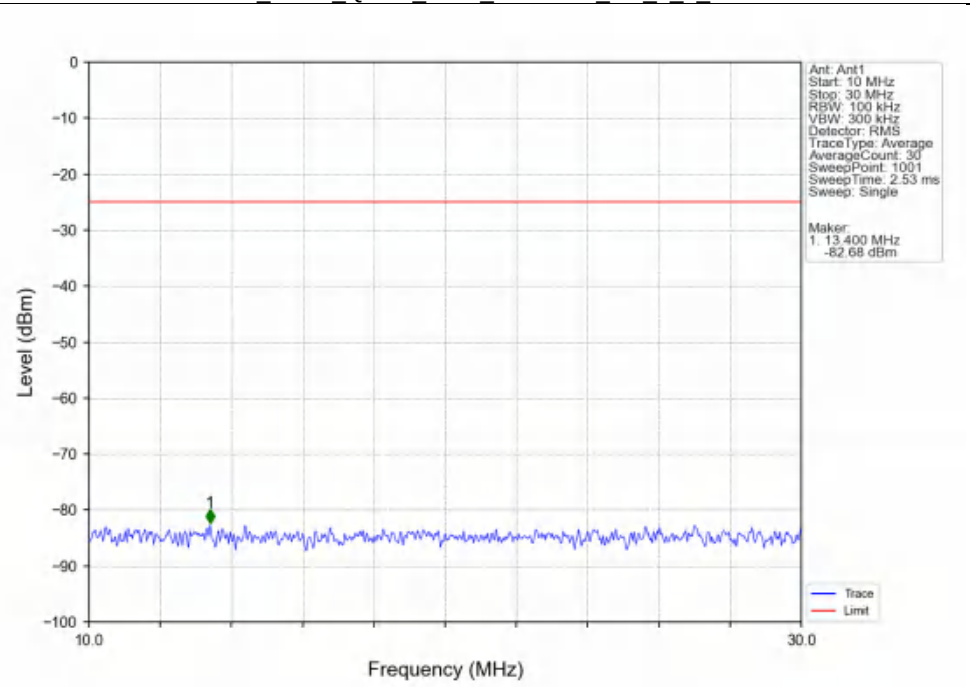
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



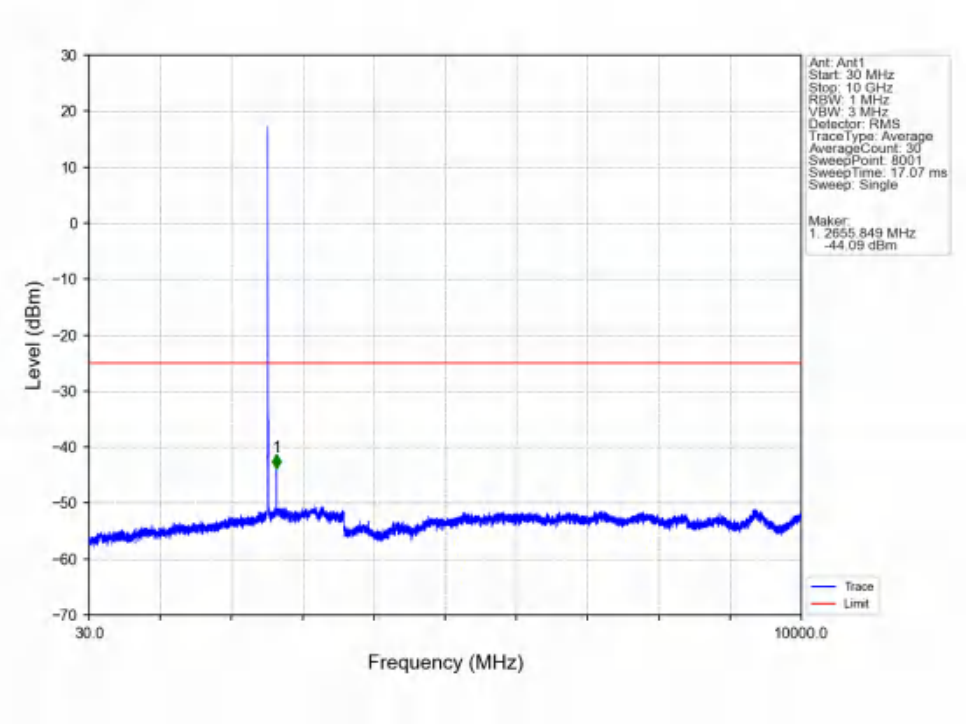
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



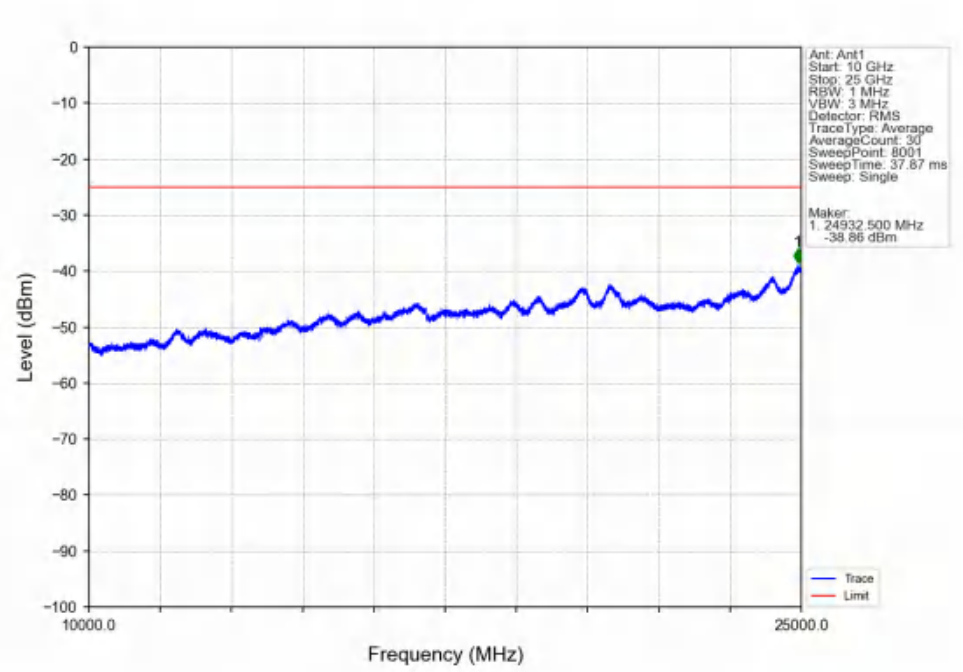
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



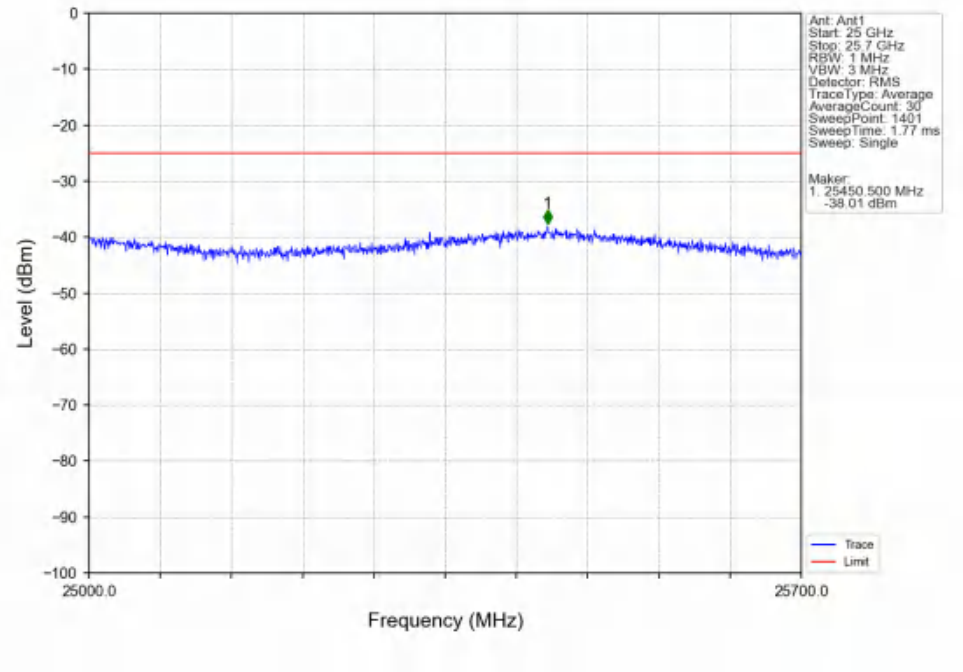
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

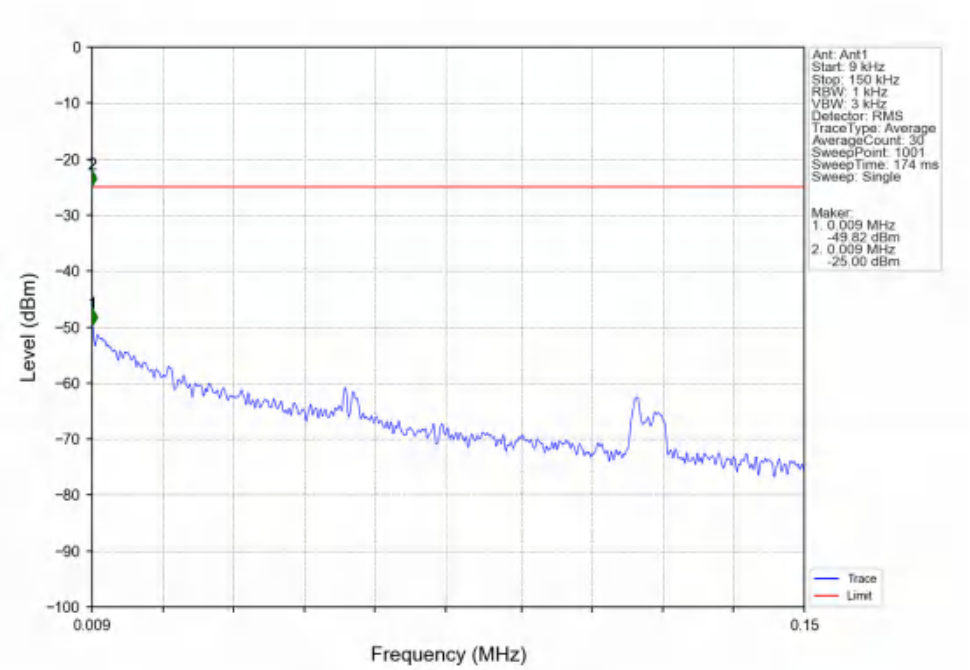
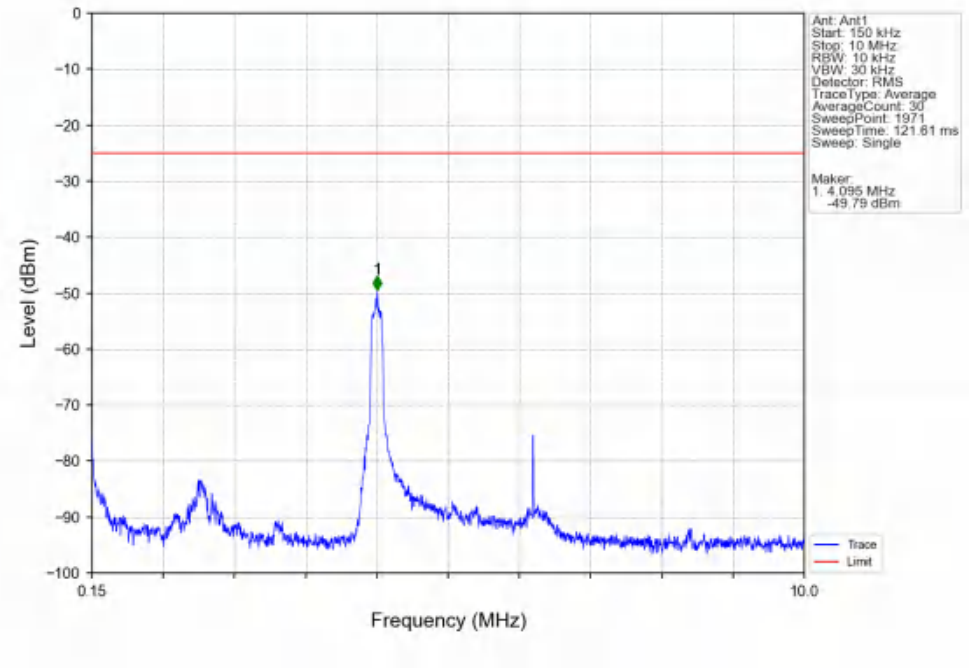


Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

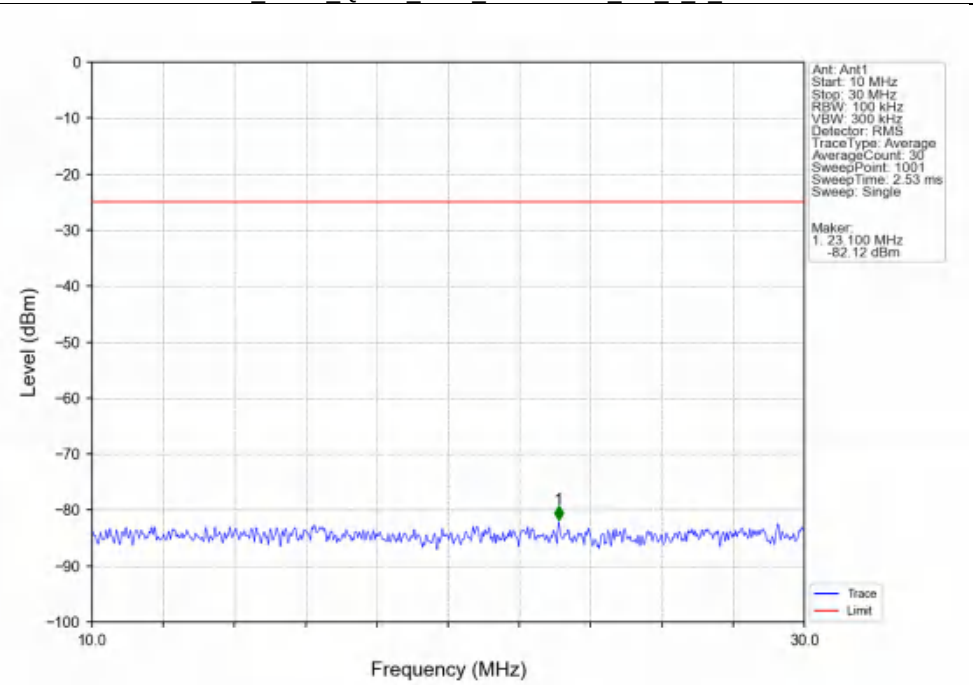


Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

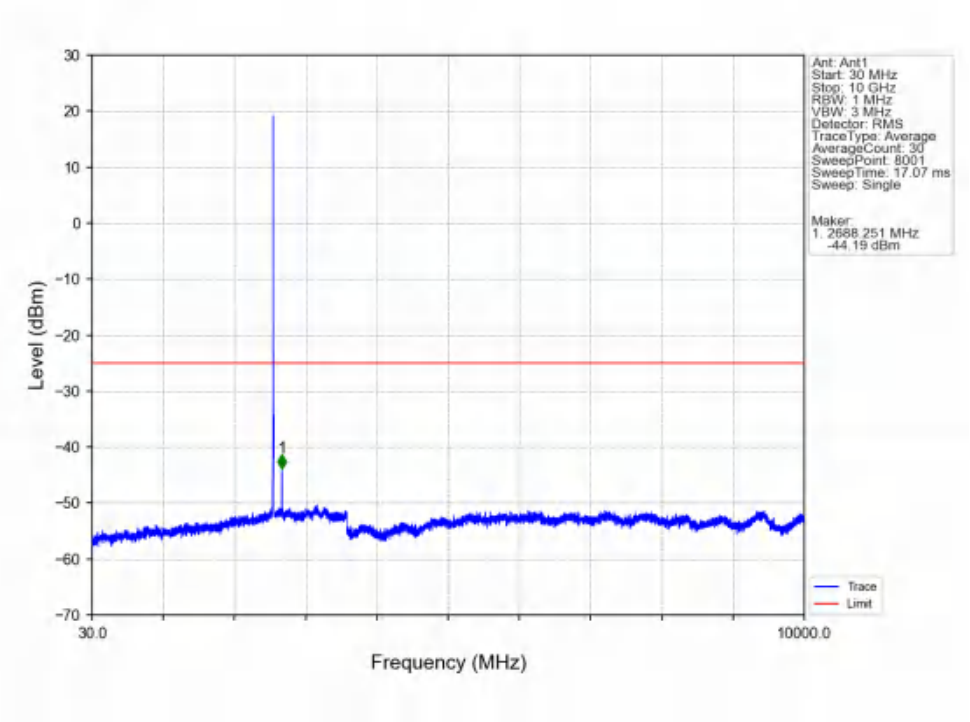


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV


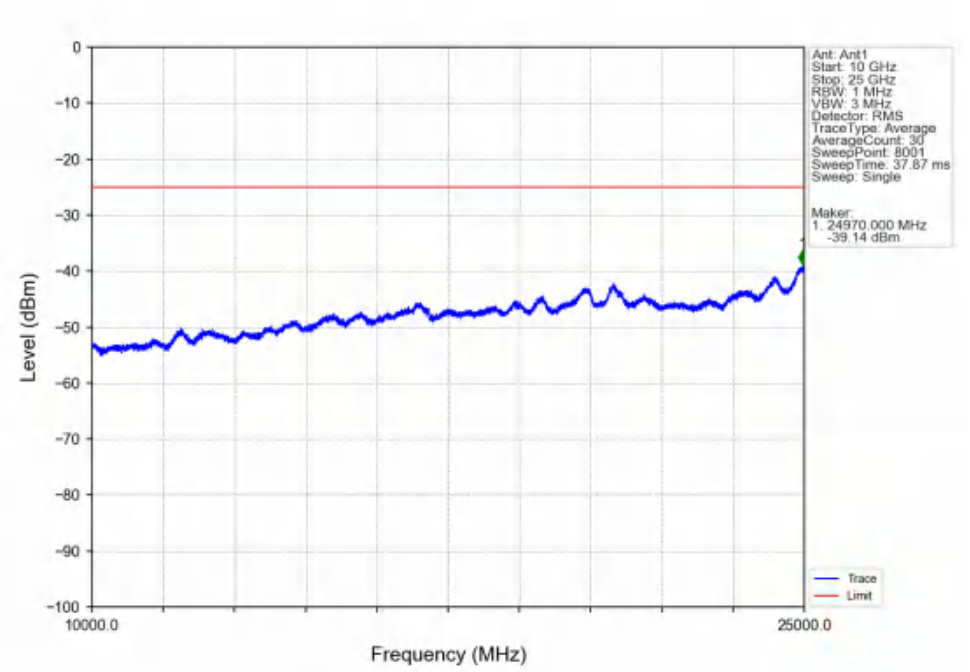
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



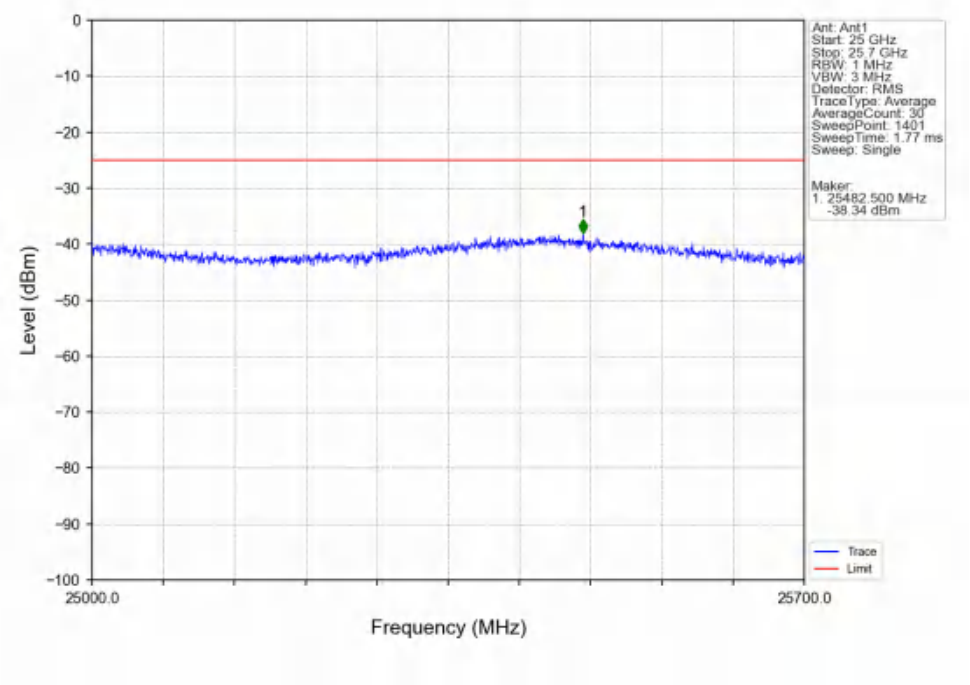
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



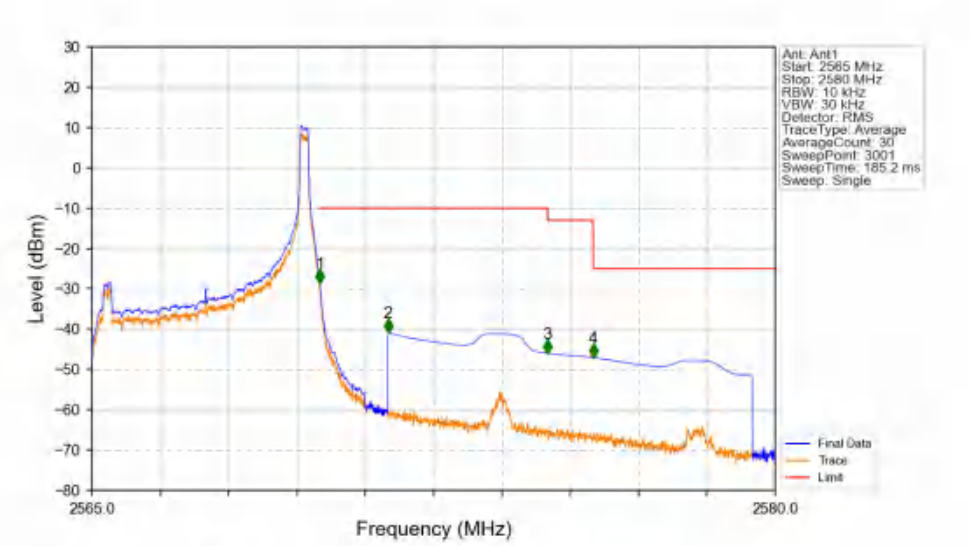
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

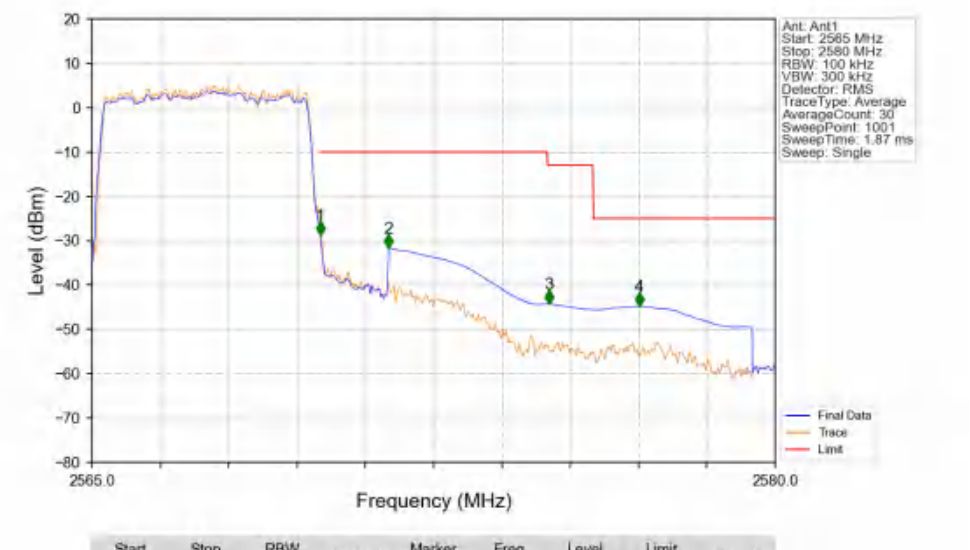


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



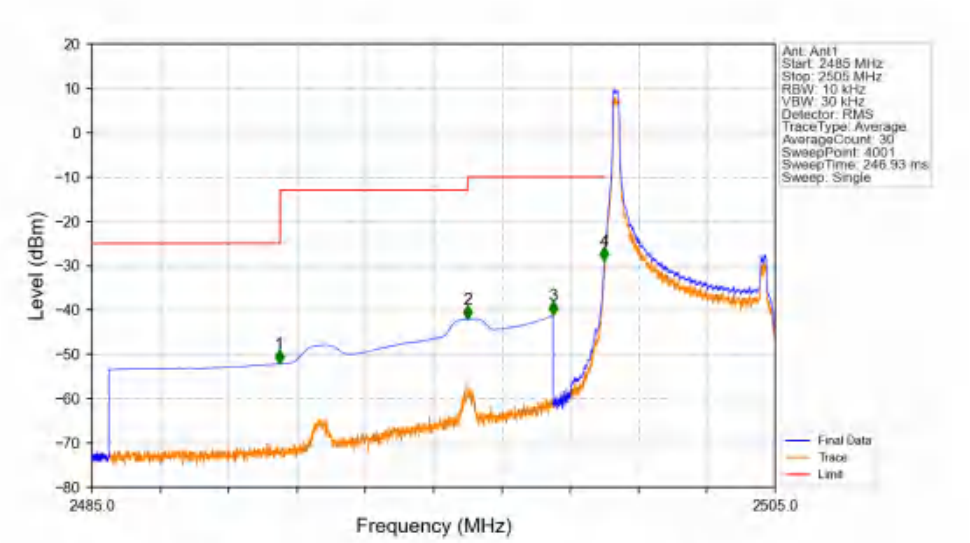
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-28.74	-10	Pass
2571	2575	1	CHP	2	2571.500	-40.89	-10	Pass
2575	2576	1	CHP	3	2575.005	-46.00	-13	Pass
2576	2580	1	CHP	4	2576.005	-47.12	-25	Pass

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



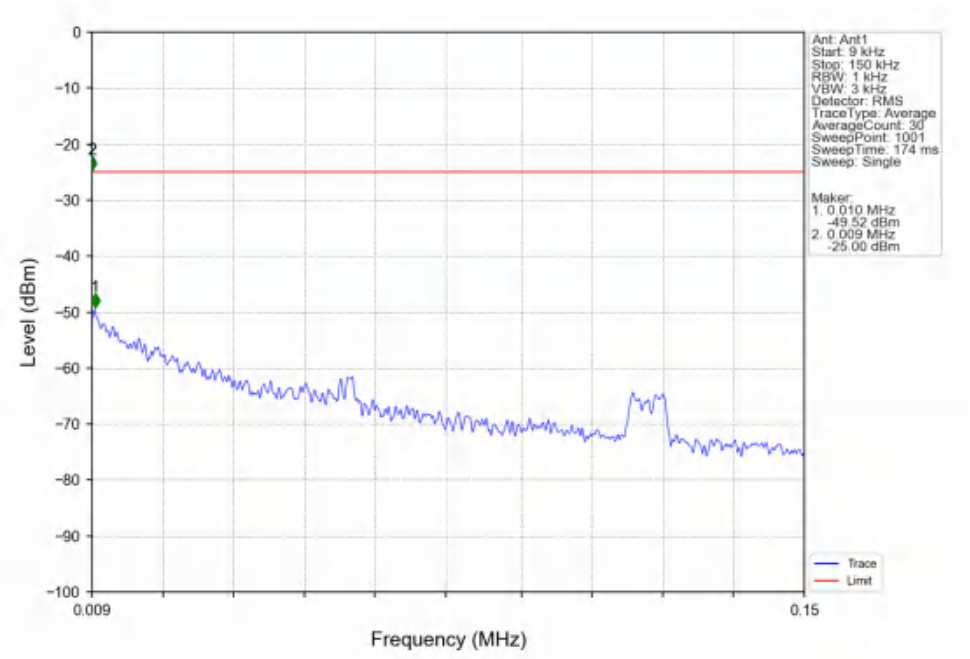
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.101	CHP	/	/	/	/	/
2570	2571	0.101	CHP	1	2570.010	-28.71	-10	Pass
2571	2575	1	CHP	2	2571.510	-31.66	-10	Pass
2575	2576	1	CHP	3	2575.035	-44.24	-13	Pass
2576	2580	1	CHP	4	2577.015	-44.84	-25	Pass

Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV

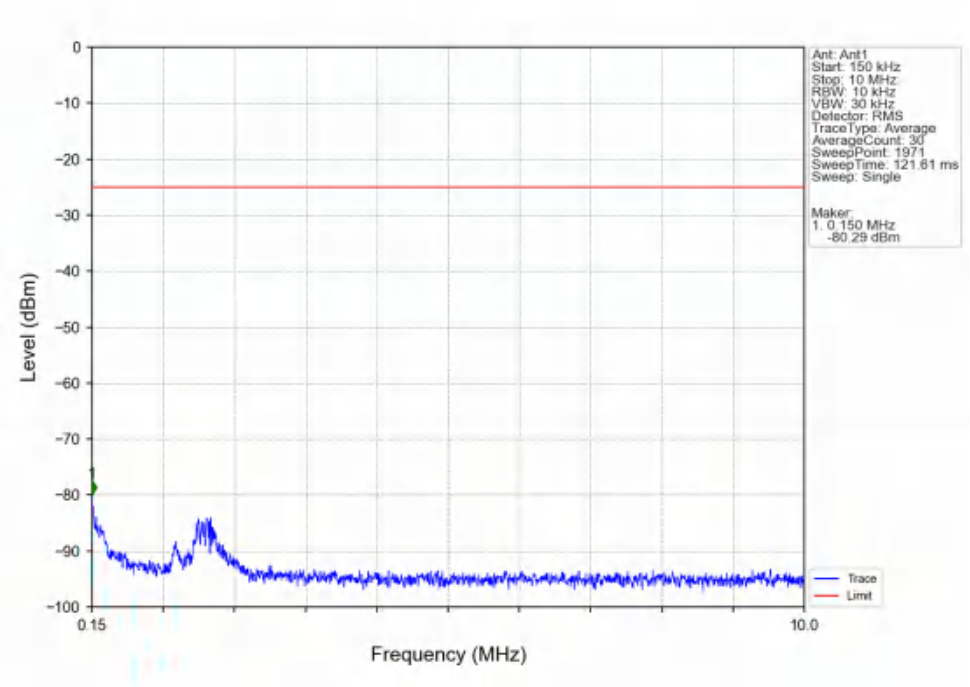


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.480	-52.16	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-42.13	-13	Pass
2496	2499	1	CHP	3	2498.500	-41.21	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-28.87	-10	Pass
2500	2505	0.02	CHP	/	/	/	/	/

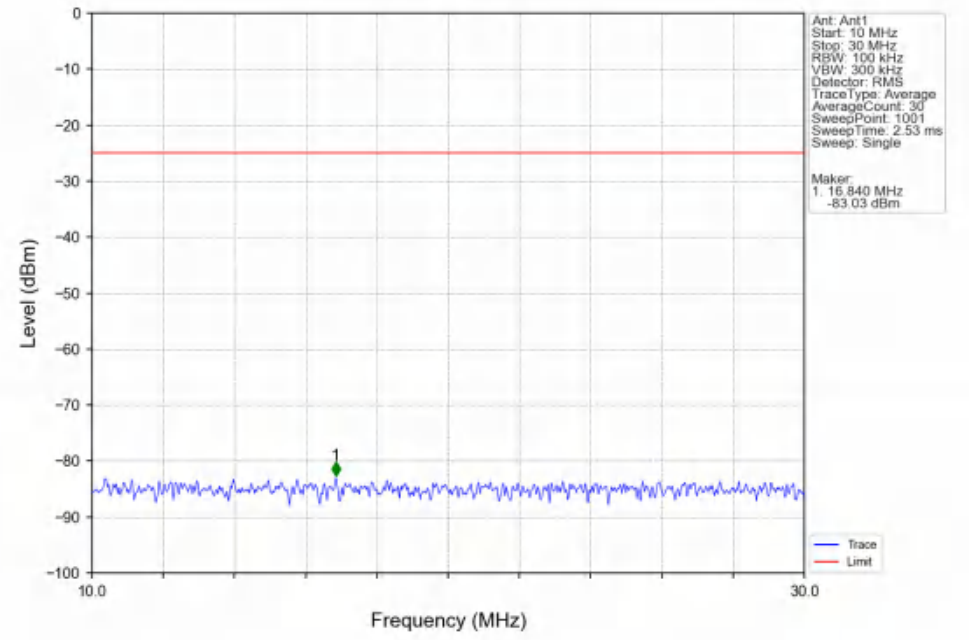
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



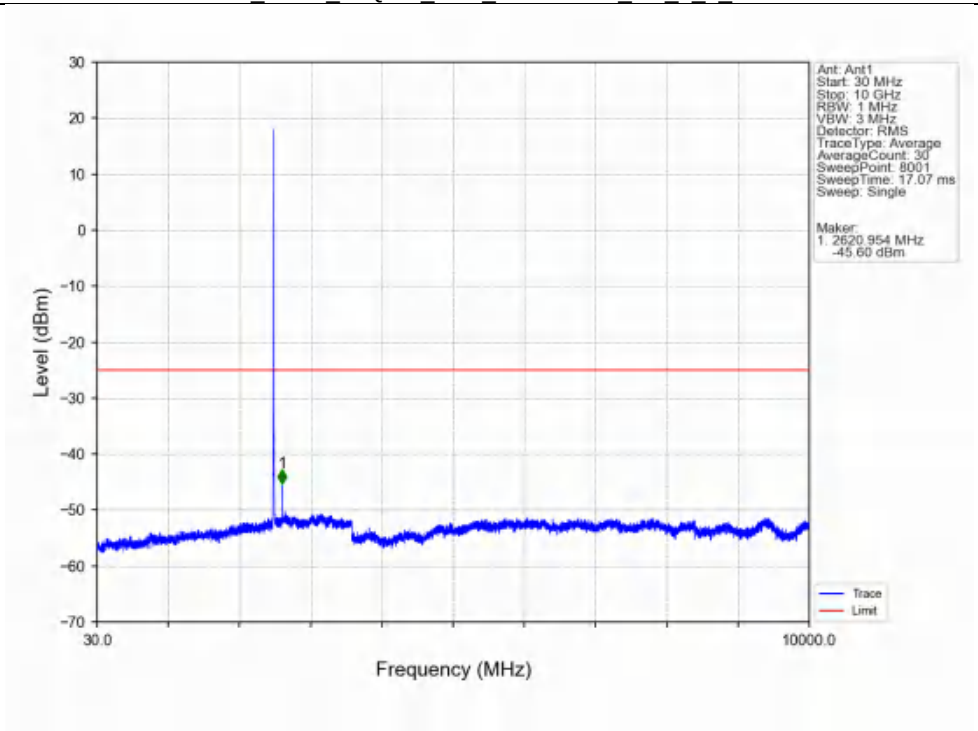
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



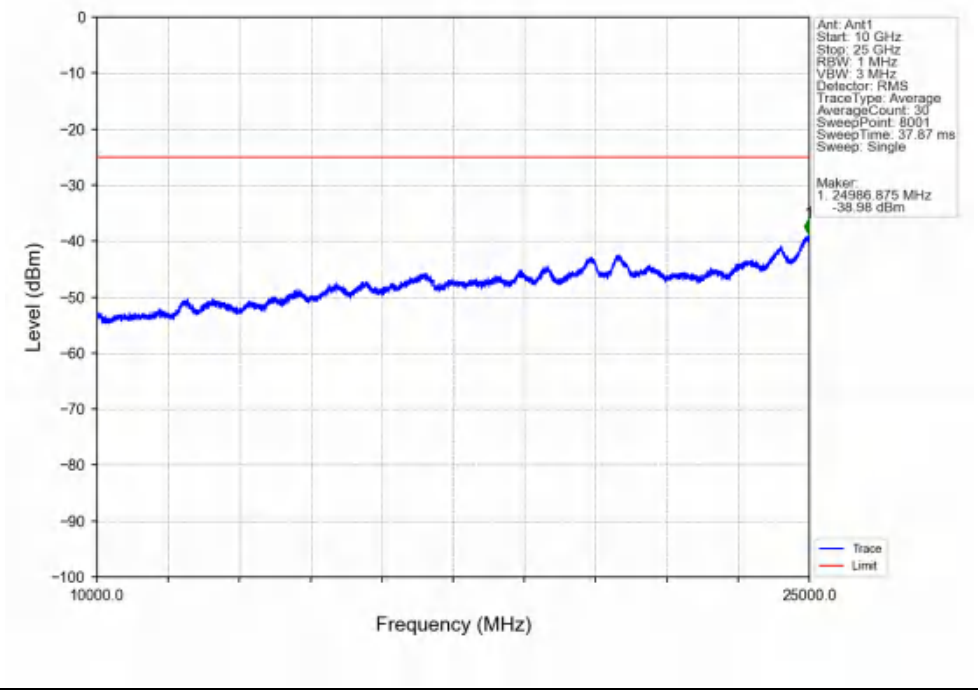
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



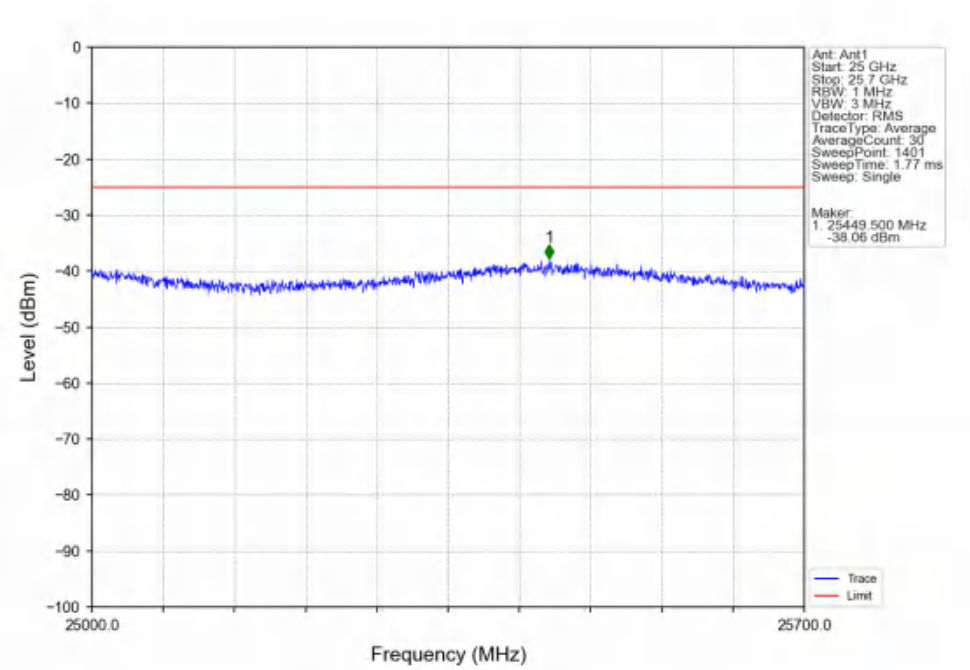
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



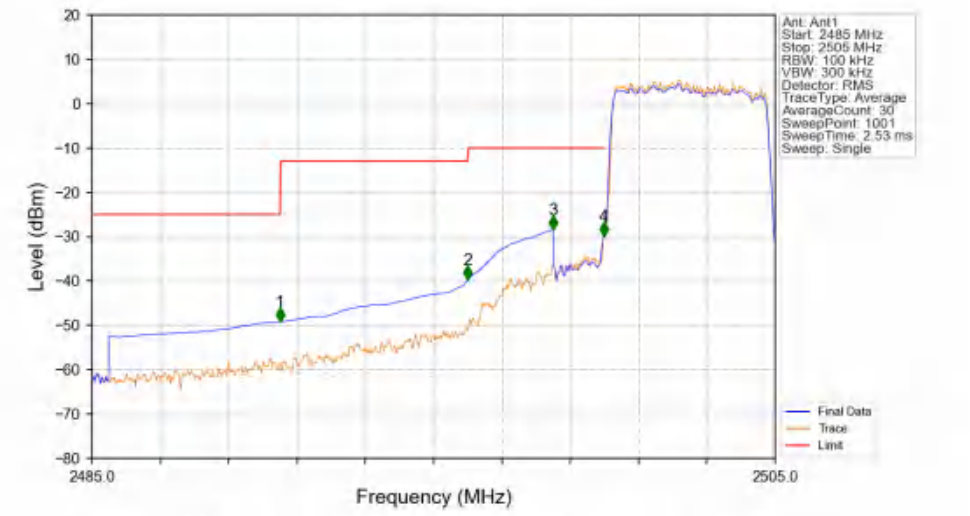
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV

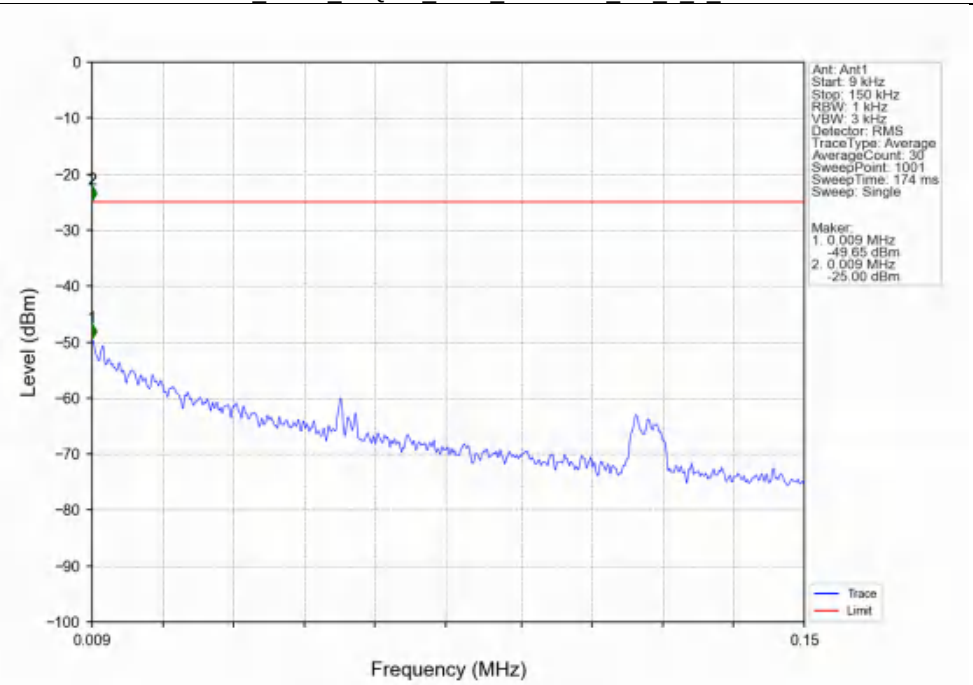


Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV

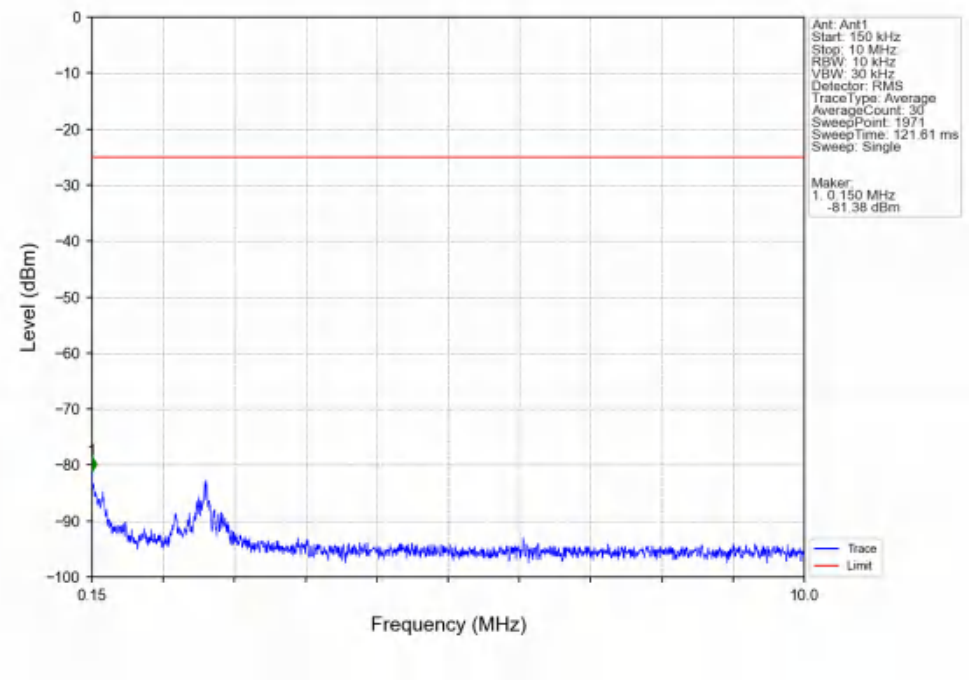


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-49.16	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-39.76	-13	Pass
2496	2499	1	CHP	3	2498.500	-28.36	-10	Pass
2499	2500	0.101	CHP	4	2499.980	-29.88	-10	Pass
2500	2505	0.101	CHP	/	/	/	/	/

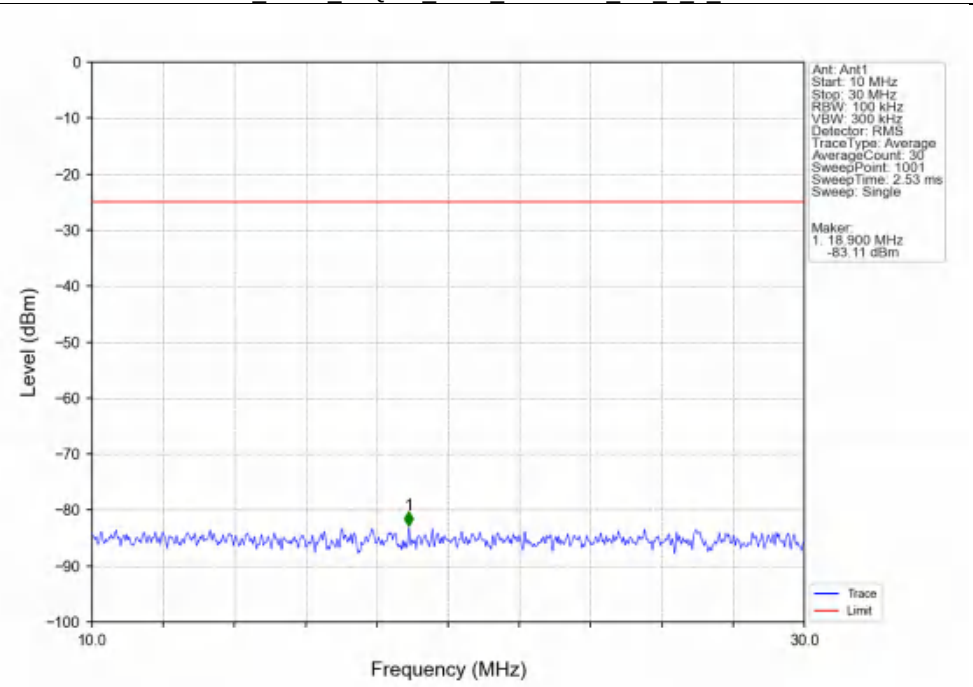
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



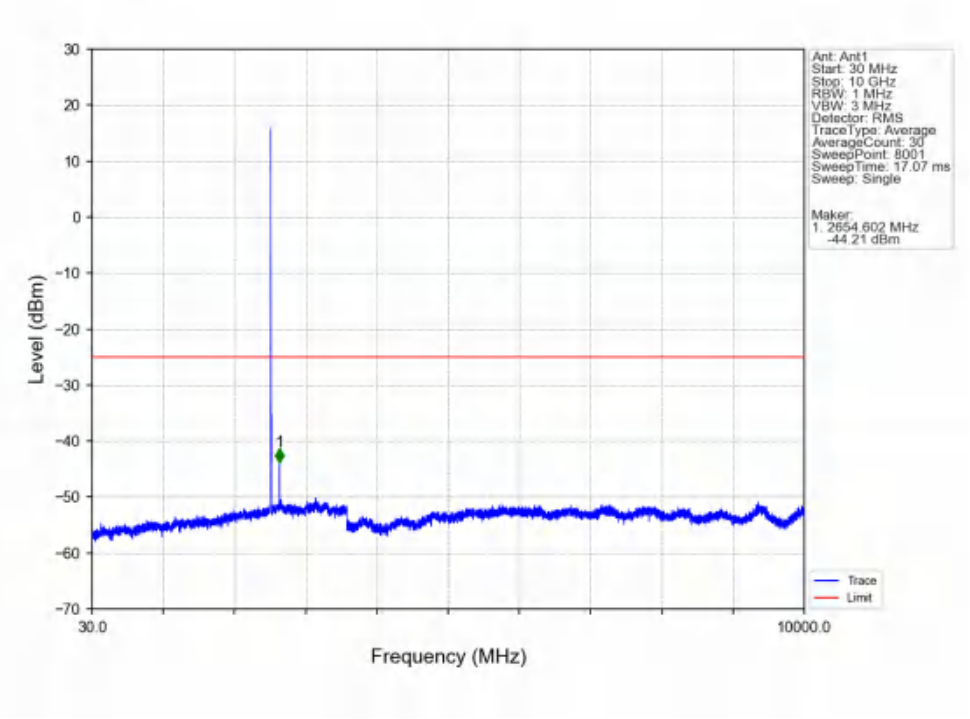
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



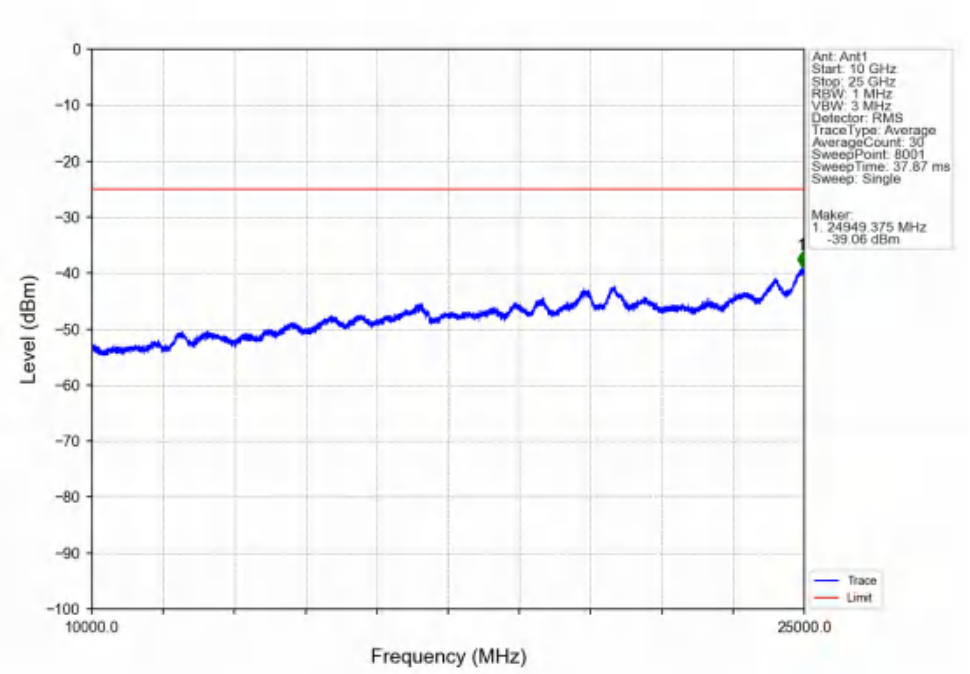
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



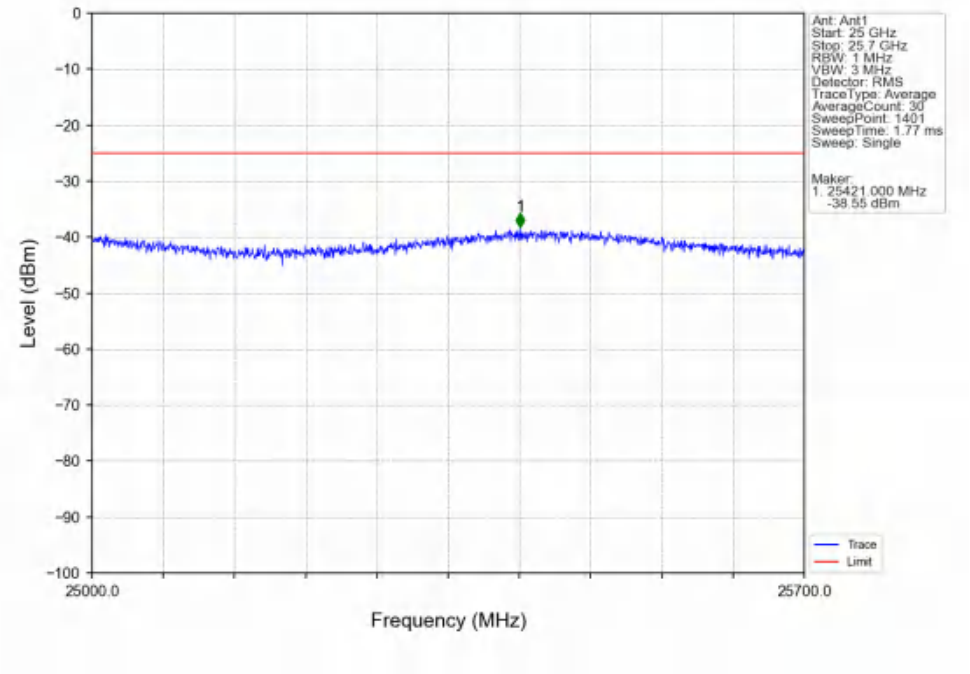
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



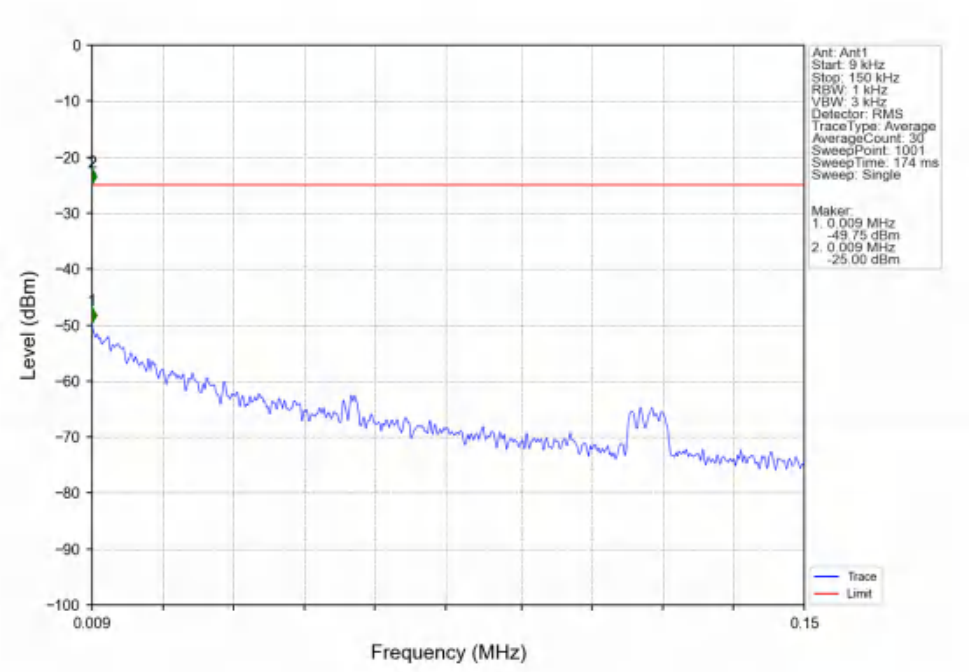
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



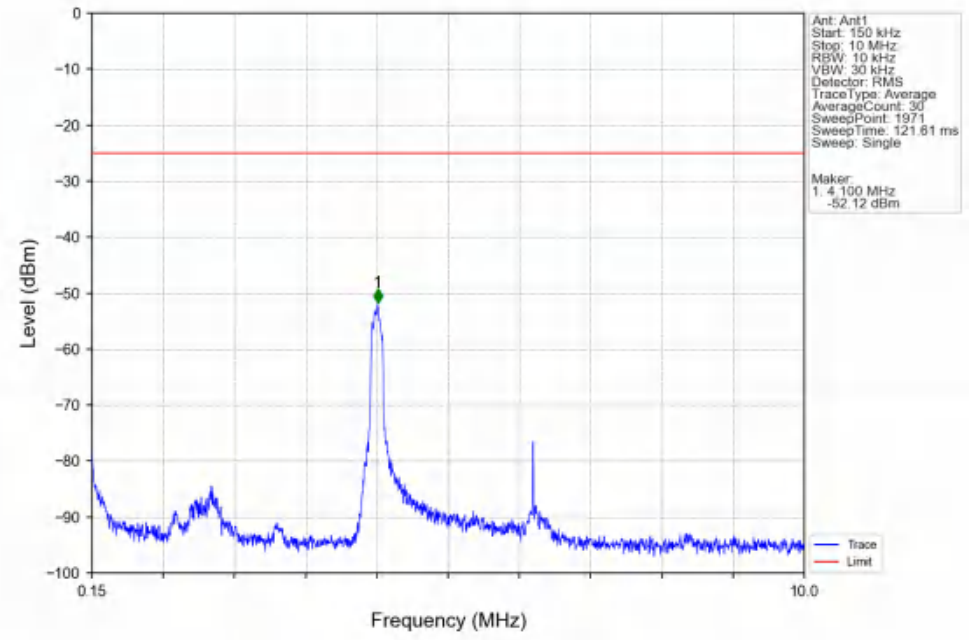
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



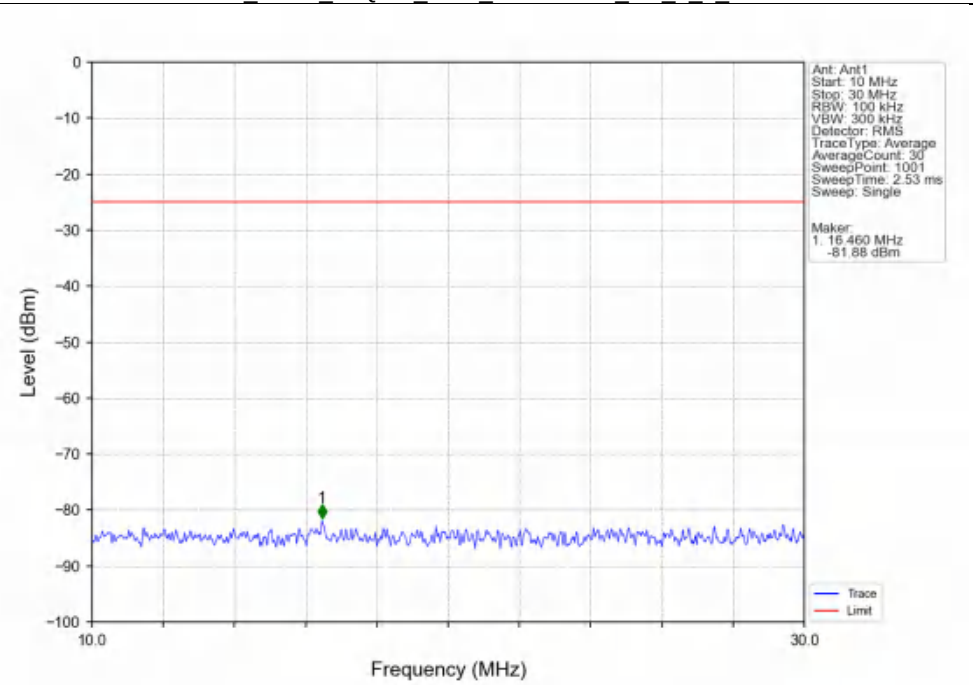
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



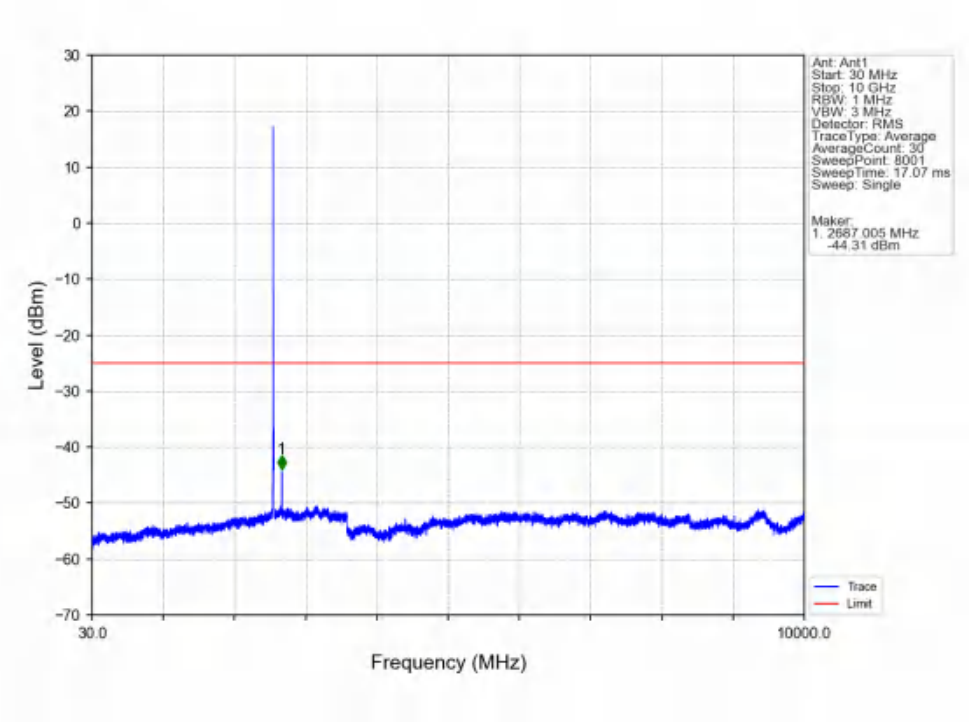
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



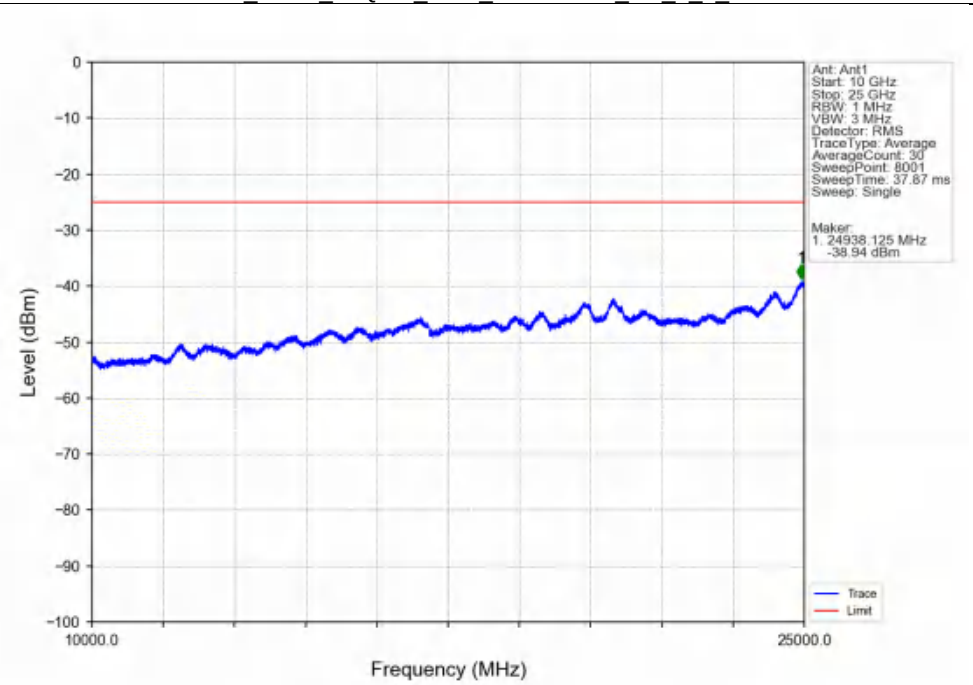
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



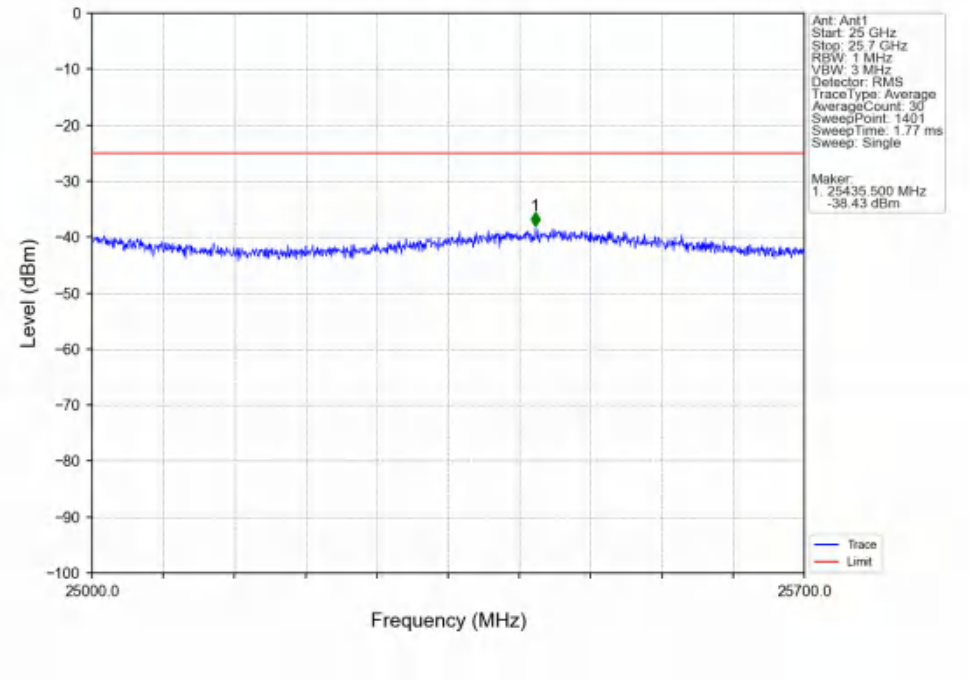
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



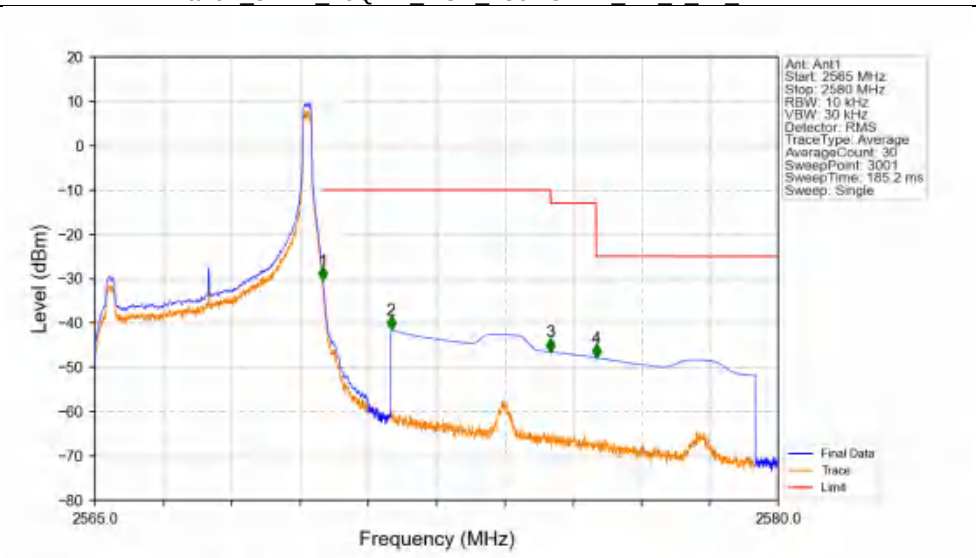
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV

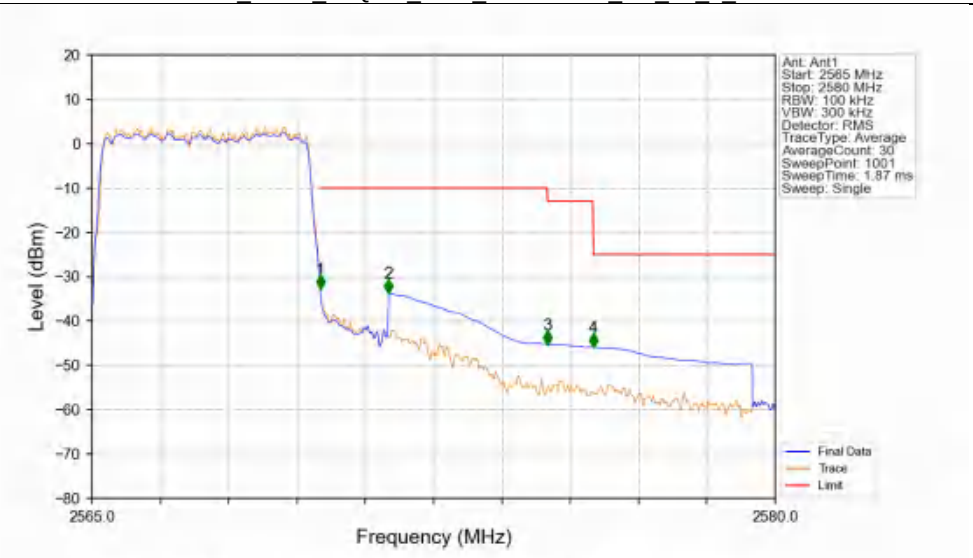


Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-30.36	-10	Pass
2571	2575	1	CHP	2	2571.500	-41.48	-10	Pass
2575	2576	1	CHP	3	2575.005	-46.52	-13	Pass
2576	2580	1	CHP	4	2576.005	-47.84	-25	Pass

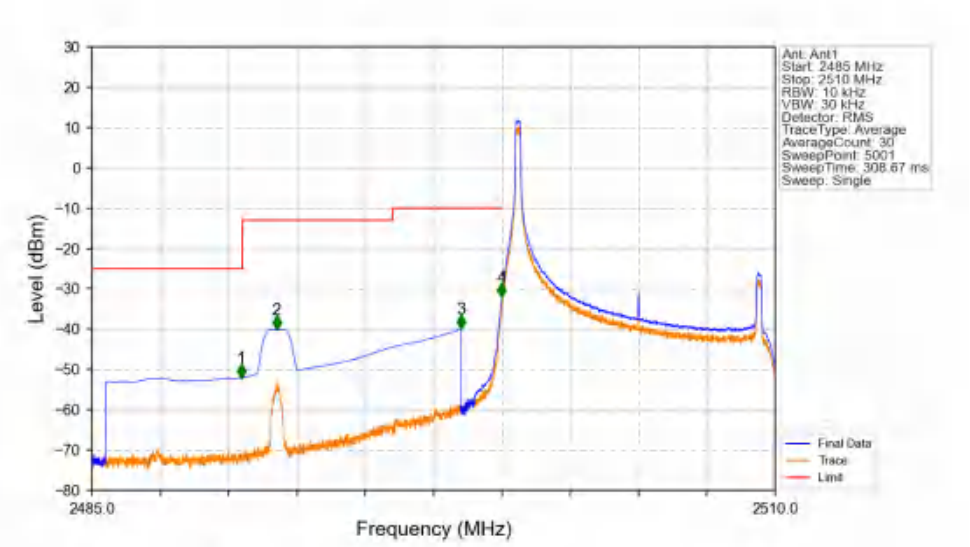
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.102	CHP	/	/	/	/	/
2570	2571	0.102	CHP	1	2570.010	-32.73	-10	Pass
2571	2575	1	CHP	2	2571.510	-33.70	-10	Pass
2575	2576	1	CHP	3	2575.005	-45.26	-13	Pass
2576	2580	1	CHP	4	2576.010	-45.92	-25	Pass

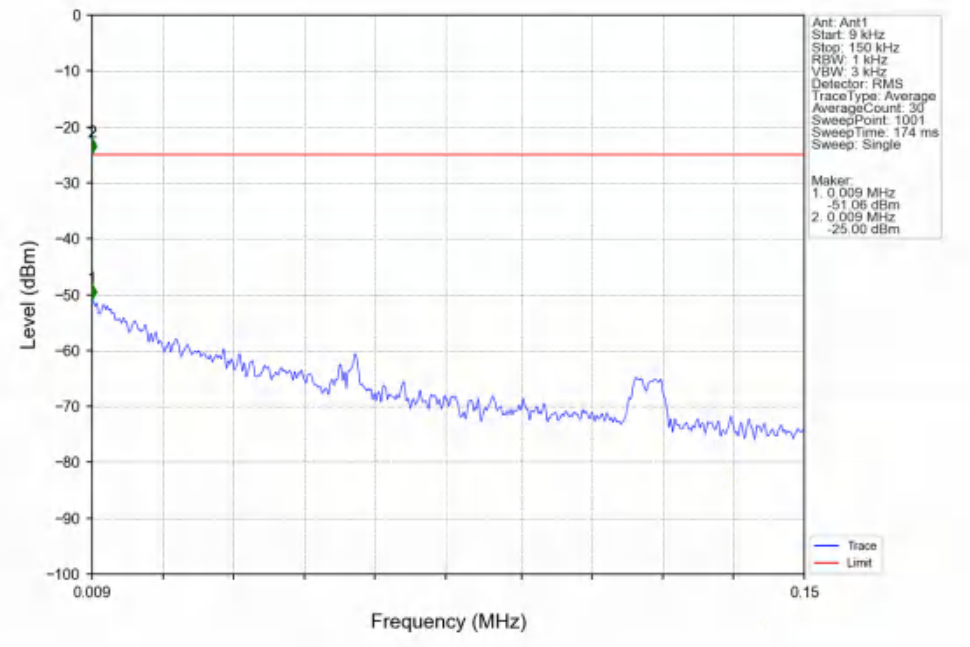
6.2.2 B7_10MHz

Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

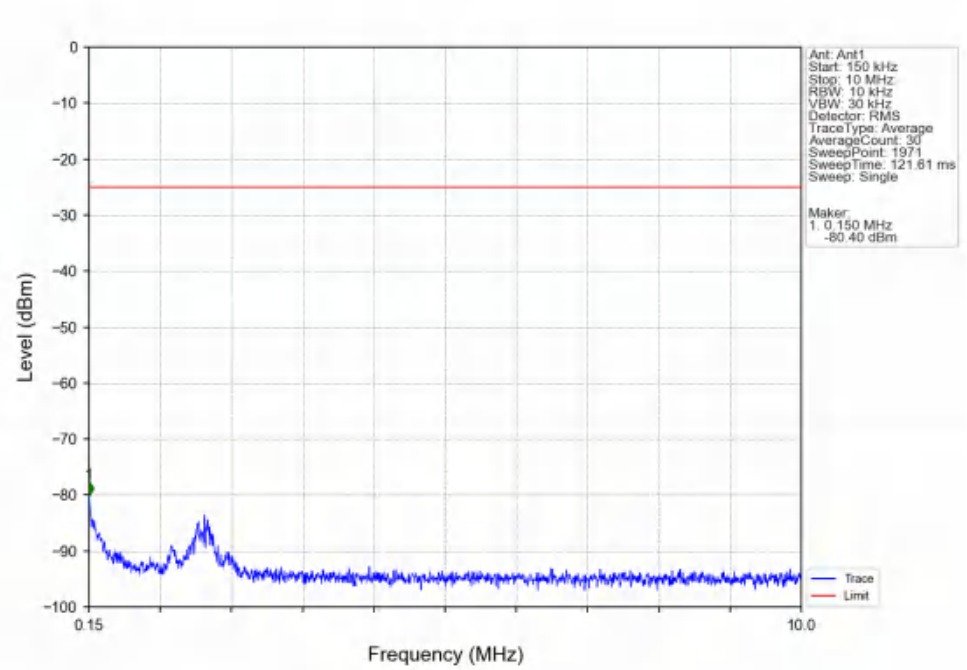


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.465	-52.06	-25	Pass
2490.5	2496	1	CHP	2	2491.755	-40.14	-13	Pass
2496	2499	1	CHP	3	2498.500	-39.87	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-31.97	-10	Pass
2500	2510	0.02	CHP	/	/	/	/	/

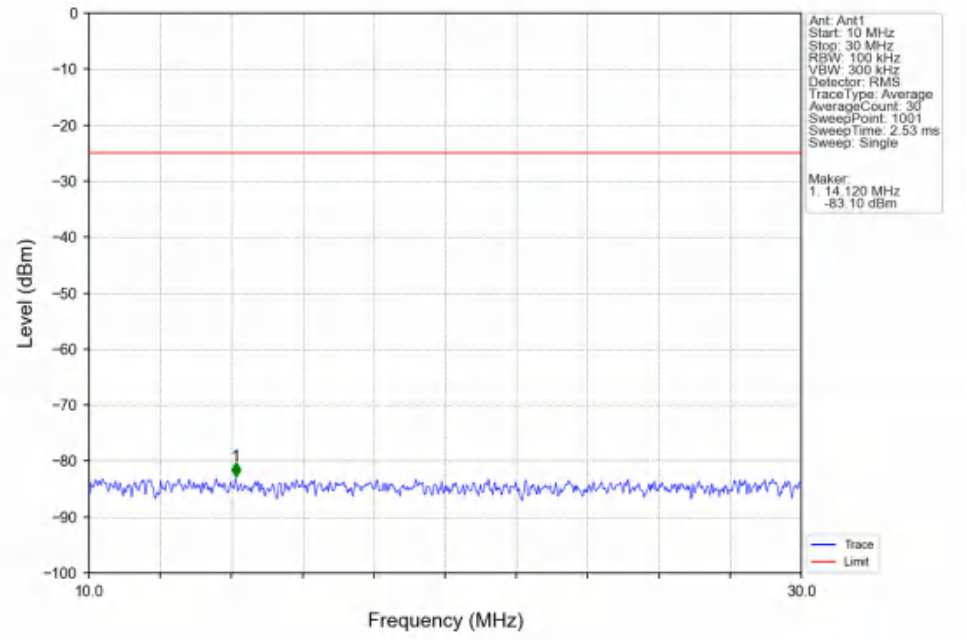
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



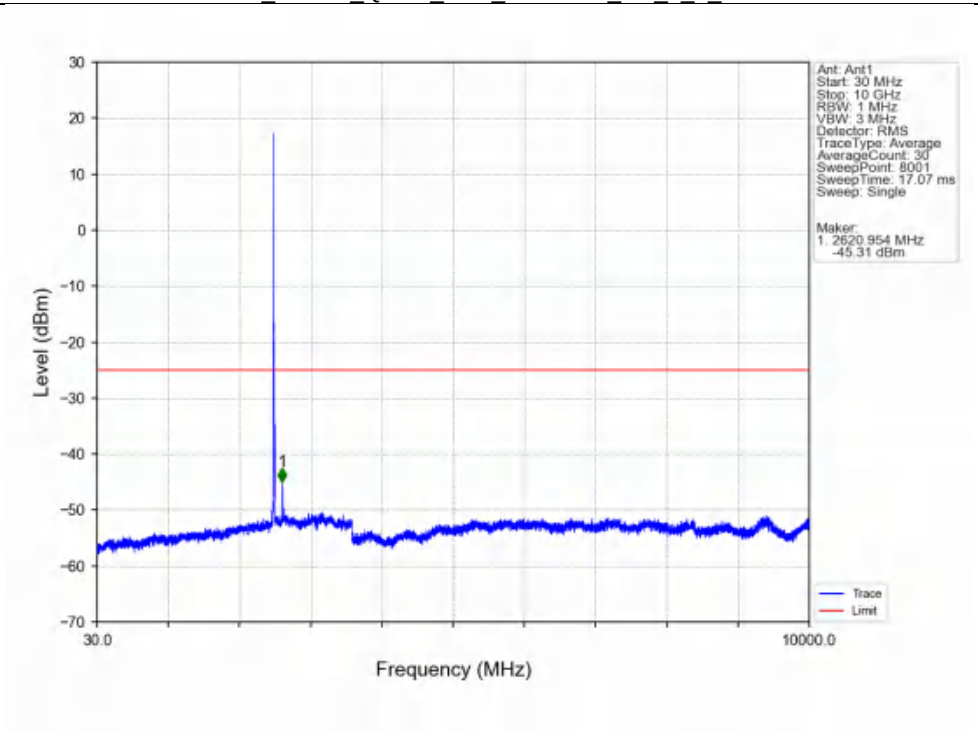
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



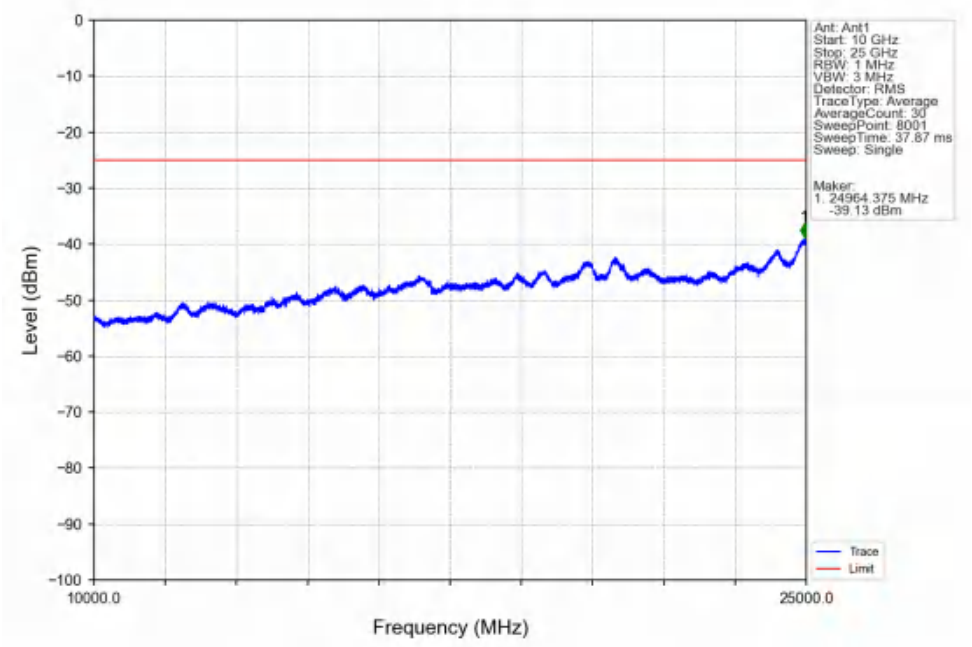
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



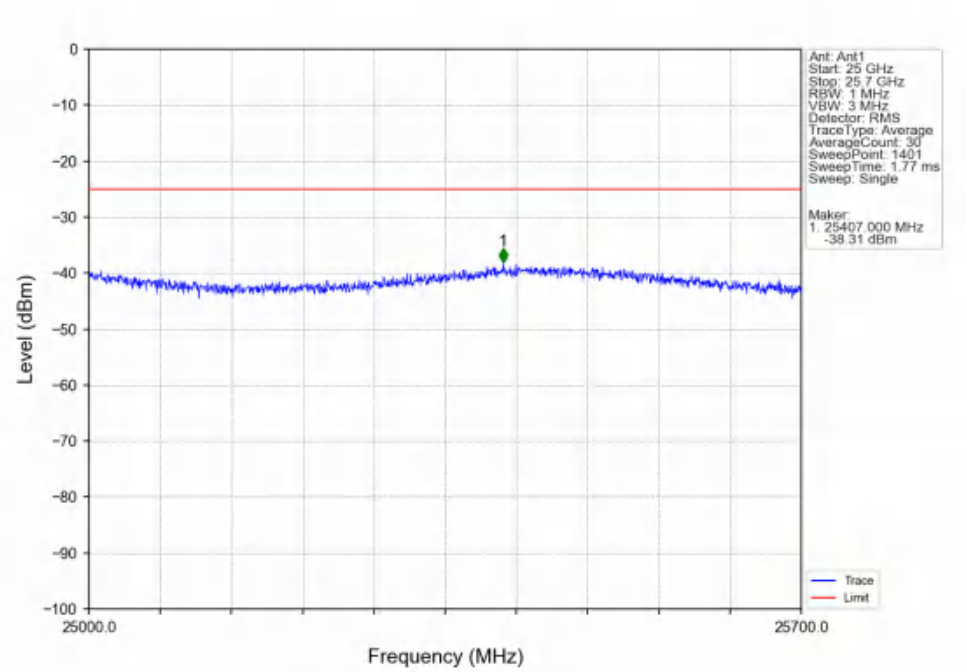
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



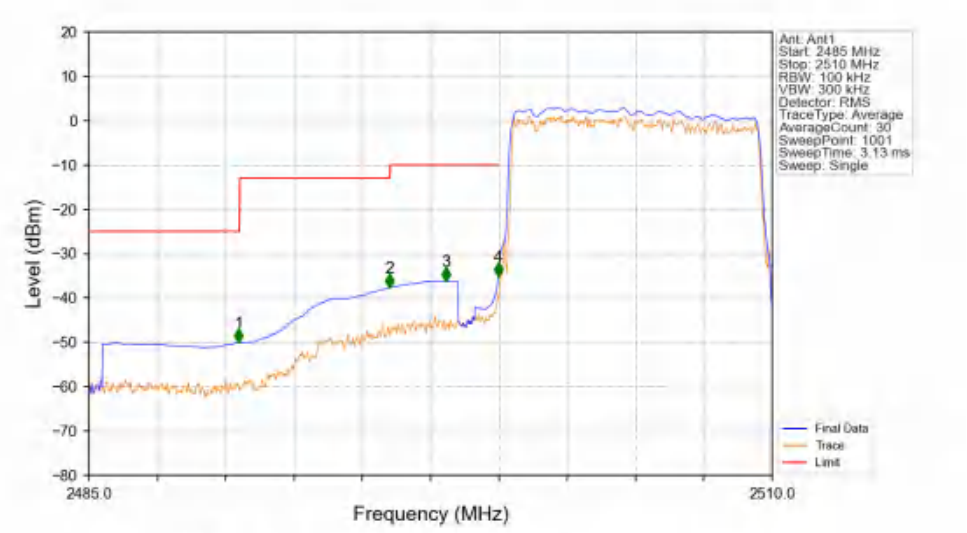
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

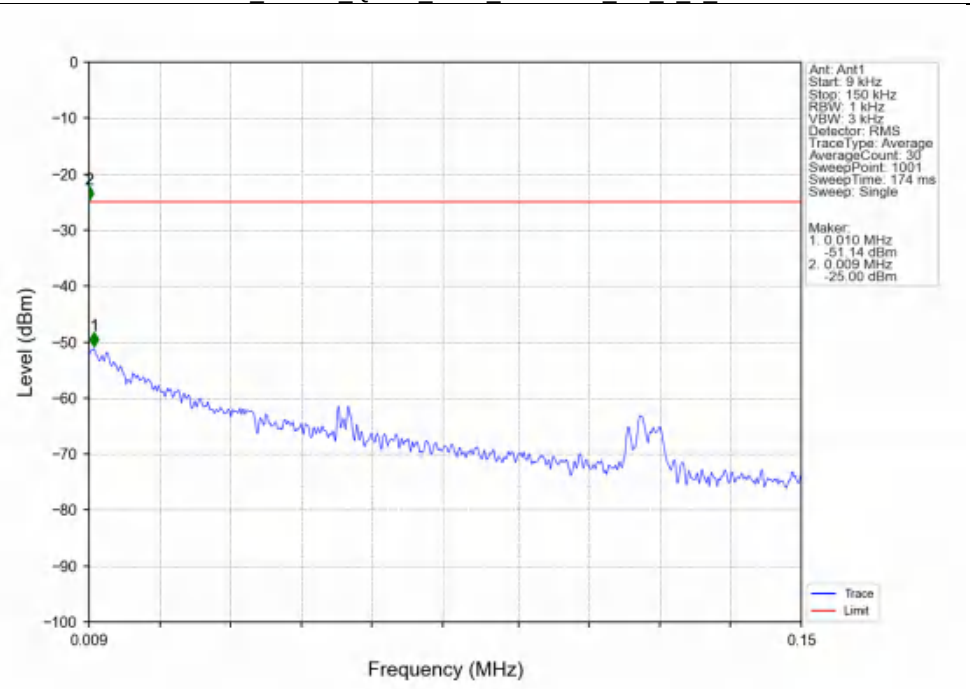


Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV

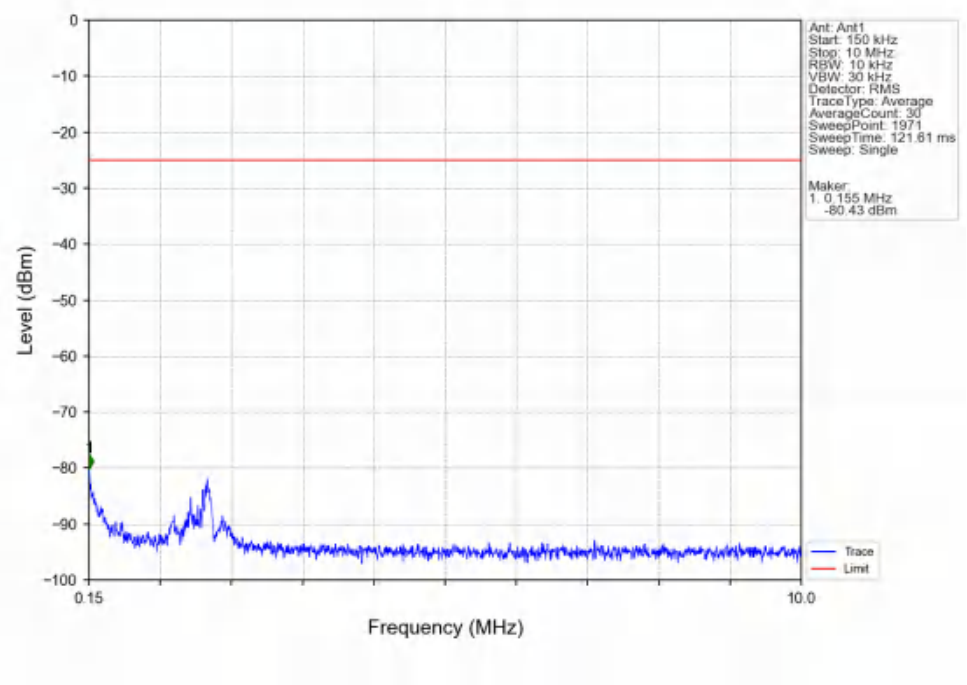


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.475	-50.00	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-37.66	-13	Pass
2496	2499	1	CHP	3	2498.075	-36.20	-10	Pass
2499	2500	0.201	CHP	4	2499.975	-35.06	-10	Pass
2500	2510	0.201	CHP	/	/	/	/	/

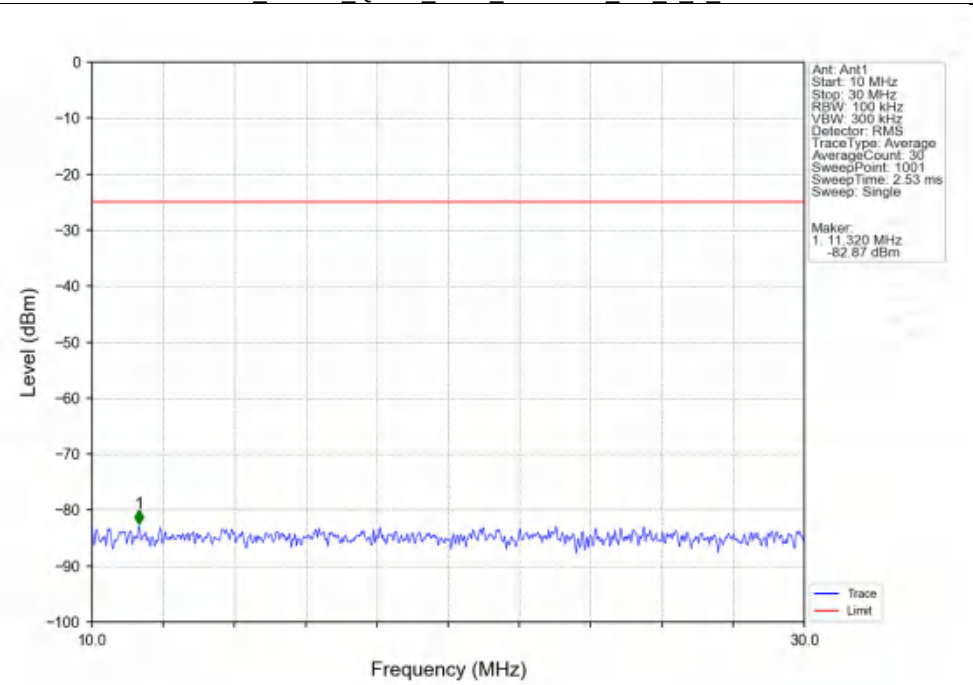
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



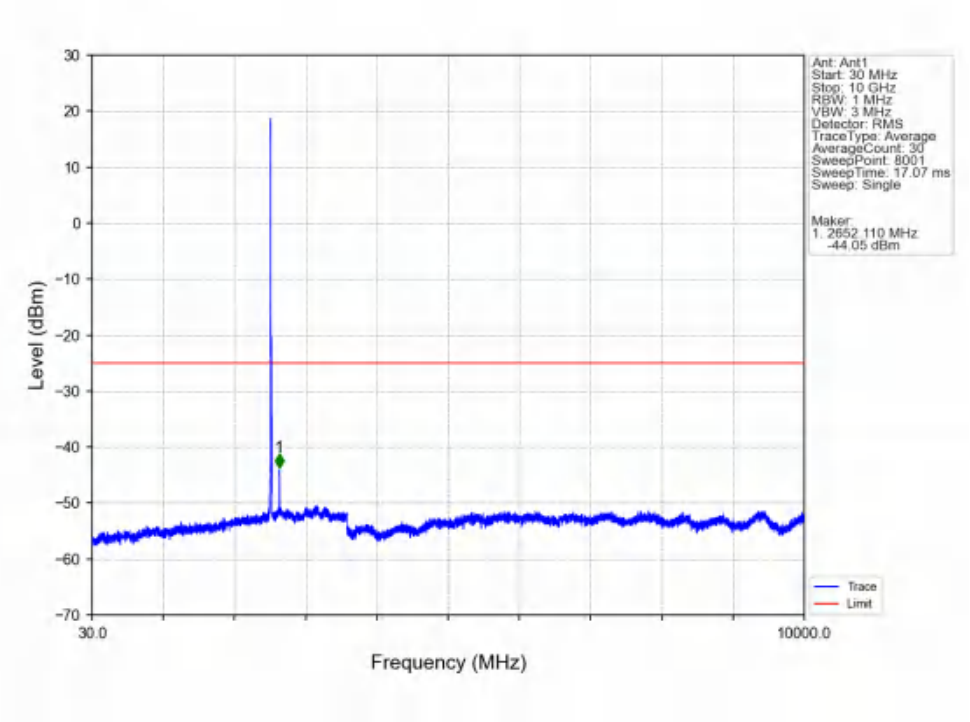
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



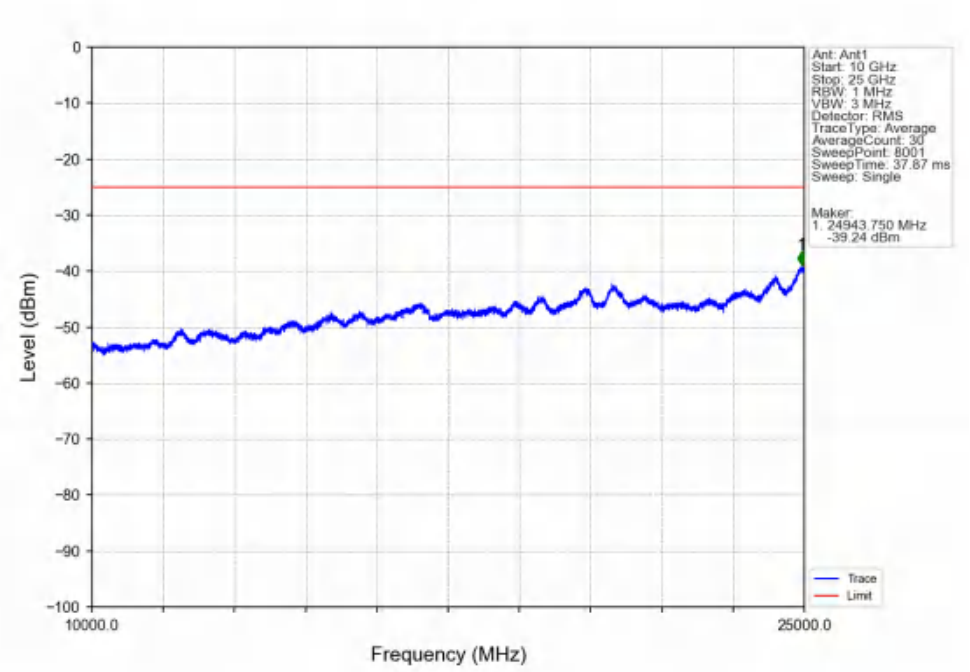
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



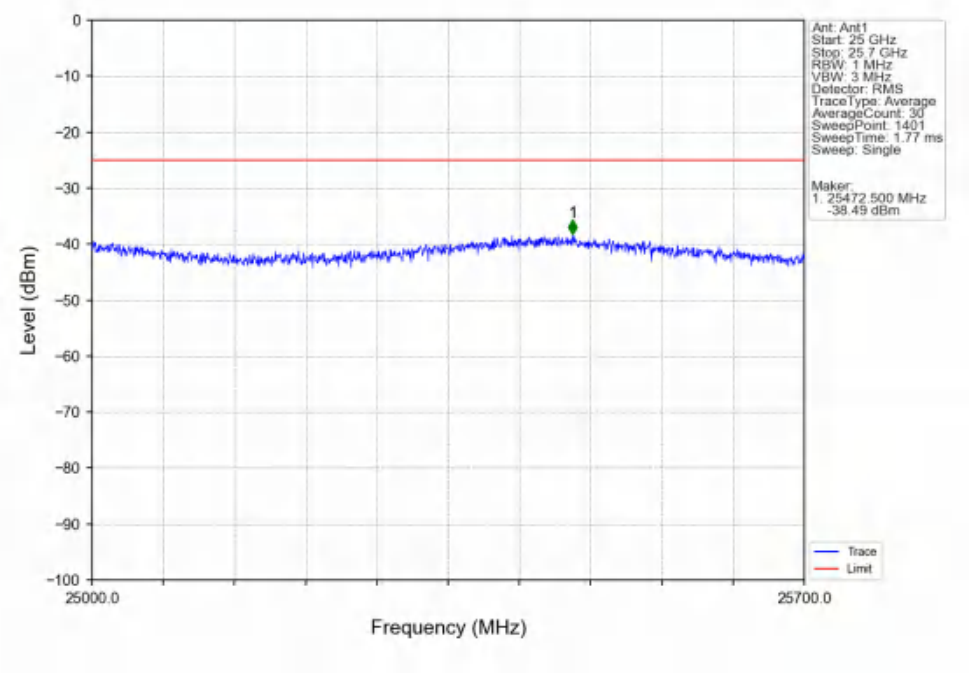
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



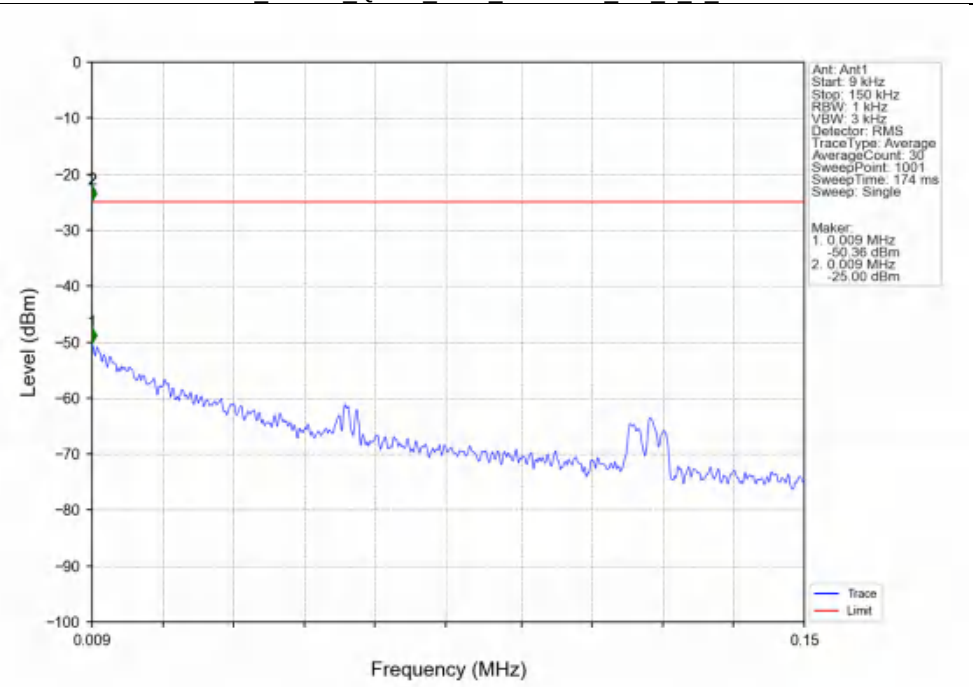
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



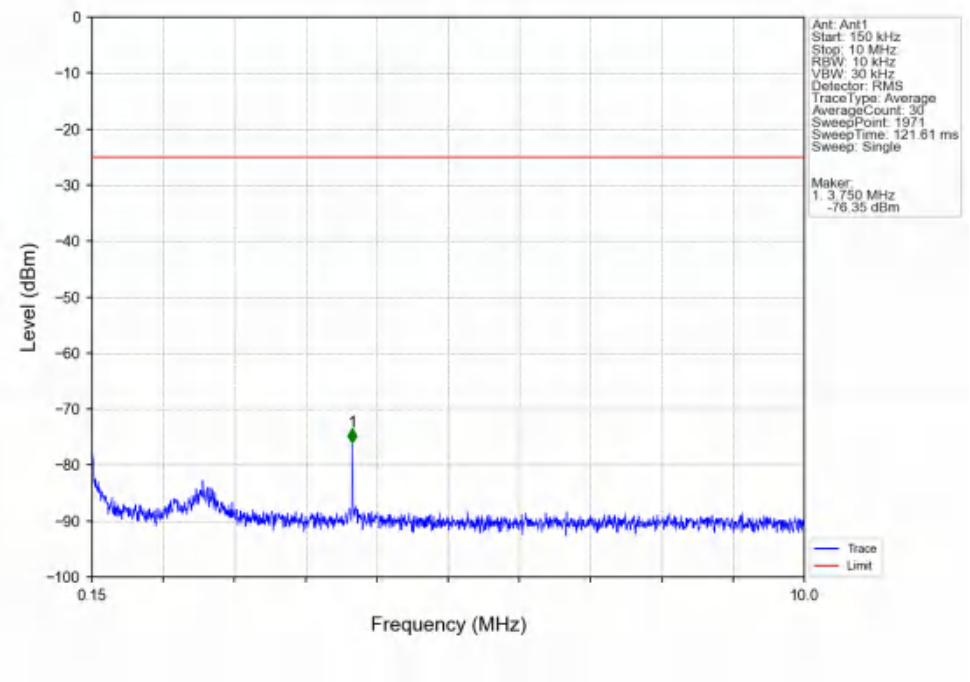
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



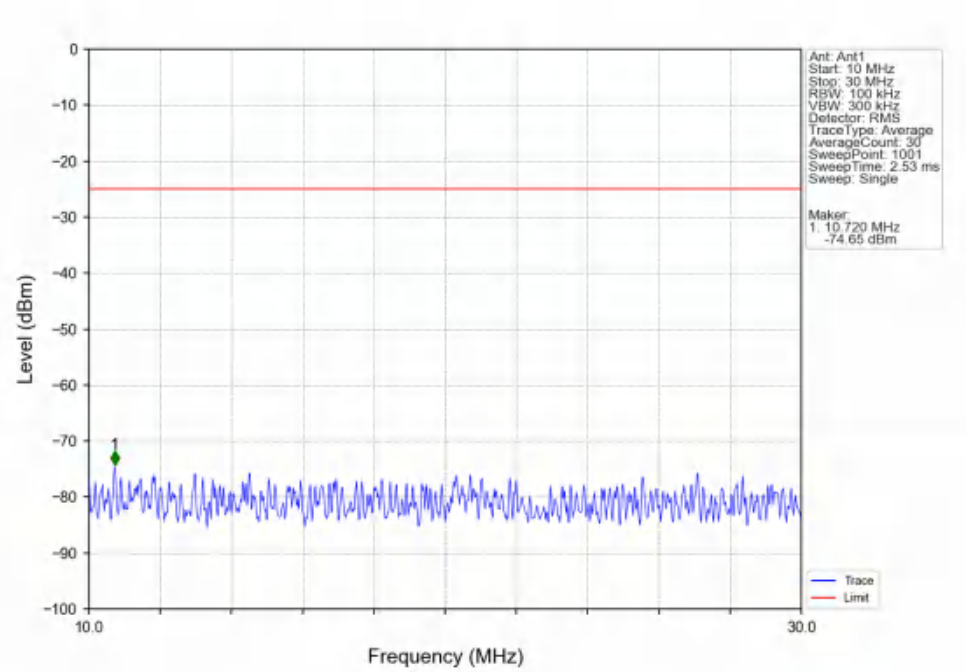
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



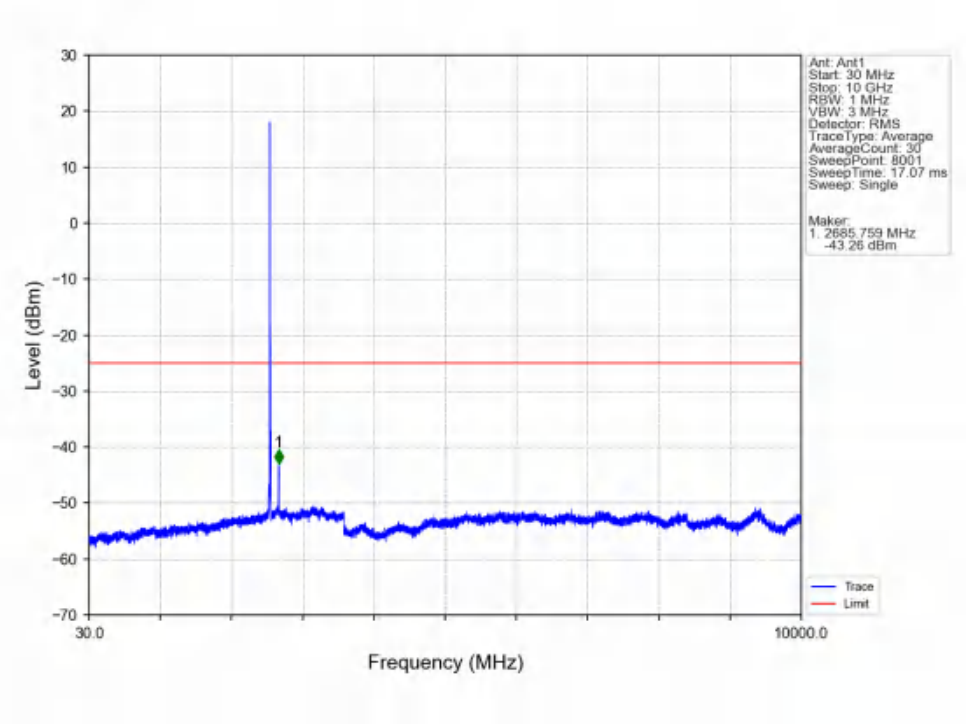
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



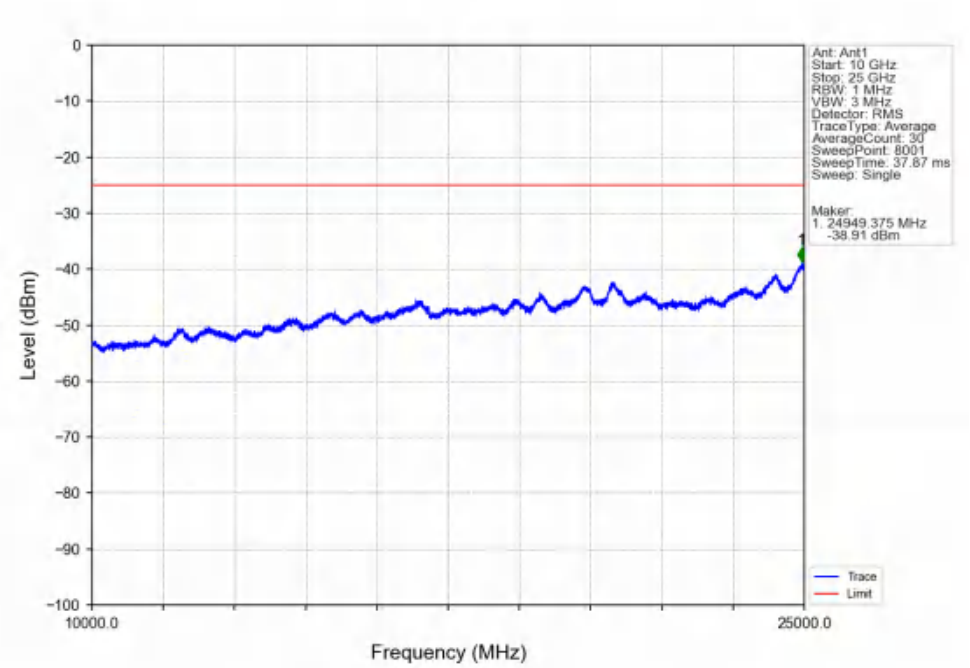
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



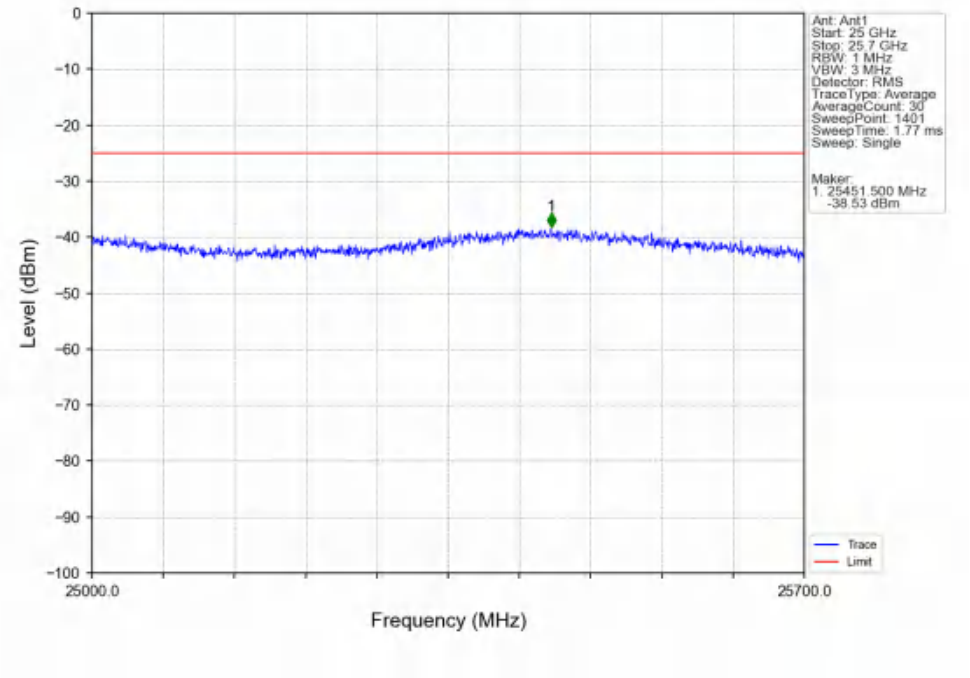
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



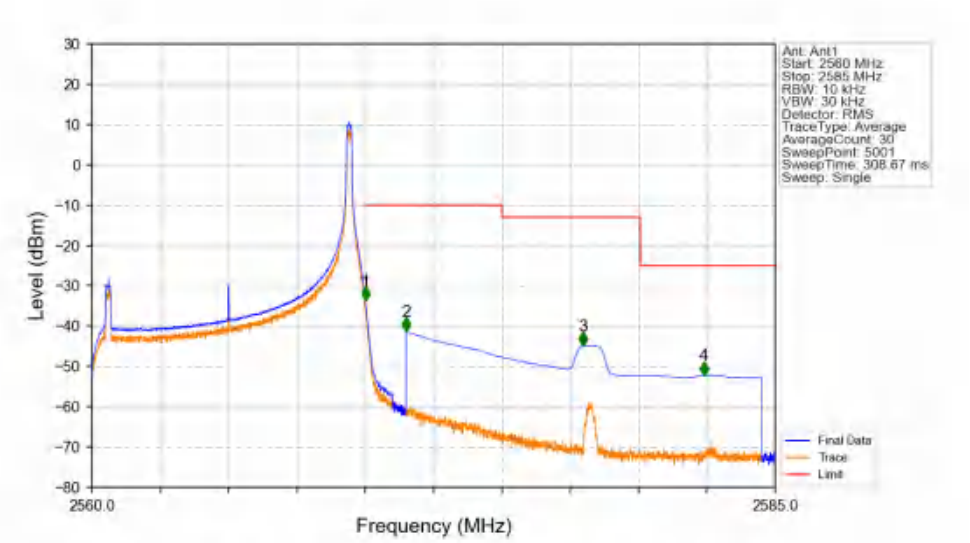
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

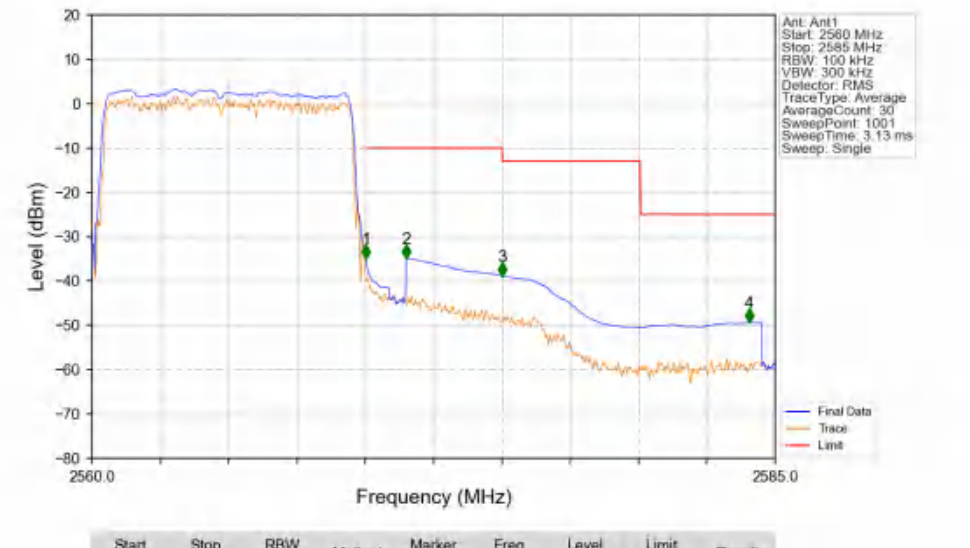


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-33.75	-10	Pass
2571	2575	1	CHP	2	2571.500	-41.30	-10	Pass
2575	2580.062	1	CHP	3	2577.980	-44.90	-13	Pass
2580.062	2585	1	CHP	4	2582.395	-52.19	-25	Pass

Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.201	CHP	/	/	/	/	/
2570	2571	0.201	CHP	1	2570.025	-34.94	-10	Pass
2571	2575	1	CHP	2	2571.500	-34.96	-10	Pass
2575	2580.062	1	CHP	3	2575.025	-38.97	-13	Pass
2580.062	2585	1	CHP	4	2584.050	-49.37	-25	Pass