1. Effective (Isotropic) Radiated Power Output Data

1.1 B7_5MHz_EIRP

1.1.1 Test Result

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	20.16	0.25	20.41	<=33.01	Pass
			13	20.25	0.25	20.50	<=33.01	Pass
			24	20.12	0.25	20.37	<=33.01	Pass
		12	0	19.27	0.25	19.52	<=33.01	Pass
			6	19.26	0.25	19.51	<=33.01	Pass
			13	19.29	0.25	19.54	<=33.01	Pass
		25	0	19.44	0.25	19.69	<=33.01	Pass
	2535	1	0	20.25	0.25	20.50	<=33.01	Pass
			13	20.14	0.25	20.39	<=33.01	Pass
			24	20.24	0.25	20.49	<=33.01	Pass
		12	0	19.19	0.25	19.44	<=33.01	Pass
			6	19.11	0.25	19.36	<=33.01	Pass
			13	19.16	0.25	19.41	<=33.01	Pass
		25	0	19.11	0.25	19.36	<=33.01	Pass
	2567.5	1	0	20.25	0.25	20.50	<=33.01	Pass
			13	20.10	0.25	20.35	<=33.01	Pass
			24	20.13	0.25	20.38	<=33.01	Pass
		12	0	19.05	0.25	19.30	<=33.01	Pass
			6	19.13	0.25	19.38	<=33.01	Pass
			13	19.17	0.25	19.42	<=33.01	Pass
		25	0	19.00	0.25	19.25	<=33.01	Pass
16QAM	2502.5	1	0	19.38	0.25	19.63	<=33.01	Pass
			13	19.44	0.25	19.69	<=33.01	Pass
			24	19.38	0.25	19.63	<=33.01	Pass
		12	0	18.25	0.25	18.50	<=33.01	Pass
			6	18.38	0.25	18.63	<=33.01	Pass
			13	18.37	0.25	18.62	<=33.01	Pass
		25	0	18.46	0.25	18.71	<=33.01	Pass
	2535	1	0	18.93	0.25	19.18	<=33.01	Pass
			13	18.87	0.25	19.12	<=33.01	Pass
			24	18.94	0.25	19.19	<=33.01	Pass
		12	0	18.10	0.25	18.35	<=33.01	Pass
			6	18.01	0.25	18.26	<=33.01	Pass
			13	18.07	0.25	18.32	<=33.01	Pass
		25	0	18.09	0.25	18.34	<=33.01	Pass
	2567.5	1	0	18.15	0.25	18.40	<=33.01	Pass
			13	18.24	0.25	18.49	<=33.01	Pass
			24	18.26	0.25	18.51	<=33.01	Pass
		12	0	18.14	0.25	18.39	<=33.01	Pass
			6	18.07	0.25	18.32	<=33.01	Pass
			13	18.18	0.25	18.43	<=33.01	Pass
		25	0	18.18	0.25	18.43	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B7_10MHz_EIRP

1.2.1 Test Result

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	20.23	0.25	20.48	<=33.01	Pass
			25	20.16	0.25	20.41	<=33.01	Pass
			49	20.27	0.25	20.52	<=33.01	Pass
		25	0	19.31	0.25	19.56	<=33.01	Pass
			13	19.26	0.25	19.51	<=33.01	Pass
			25	19.29	0.25	19.54	<=33.01	Pass
		50	0	19.17	0.25	19.42	<=33.01	Pass
	2535	1	0	20.23	0.25	20.48	<=33.01	Pass
			25	20.11	0.25	20.36	<=33.01	Pass
			49	20.22	0.25	20.47	<=33.01	Pass
		25	0	19.25	0.25	19.50	<=33.01	Pass
			13	19.04	0.25	19.29	<=33.01	Pass
			25	19.20	0.25	19.45	<=33.01	Pass
		50	0	19.04	0.25	19.29	<=33.01	Pass
	2565	1	0	20.07	0.25	20.32	<=33.01	Pass
			25	19.98	0.25	20.23	<=33.01	Pass
			49	20.05	0.25	20.30	<=33.01	Pass
		25	0	18.98	0.25	19.23	<=33.01	Pass
			13	19.10	0.25	19.35	<=33.01	Pass
			25	19.10	0.25	19.35	<=33.01	Pass
		50	0	19.17	0.25	19.42	<=33.01	Pass
16QAM	2505	1	0	19.04	0.25	19.29	<=33.01	Pass
			25	18.96	0.25	19.21	<=33.01	Pass
			49	19.05	0.25	19.30	<=33.01	Pass
		25	0	18.62	0.25	18.87	<=33.01	Pass
			13	18.53	0.25	18.78	<=33.01	Pass
			25	18.52	0.25	18.77	<=33.01	Pass
		50	0	18.36	0.25	18.61	<=33.01	Pass
	2535	1	0	19.31	0.25	19.56	<=33.01	Pass
			25	19.26	0.25	19.51	<=33.01	Pass
			49	19.37	0.25	19.62	<=33.01	Pass
		25	0	18.30	0.25	18.55	<=33.01	Pass
			13	18.35	0.25	18.60	<=33.01	Pass
			25	18.44	0.25	18.69	<=33.01	Pass
		50	0	18.29	0.25	18.54	<=33.01	Pass
	2565	1	0	19.55	0.25	19.80	<=33.01	Pass
			25	19.50	0.25	19.75	<=33.01	Pass
			49	19.57	0.25	19.82	<=33.01	Pass
		25	0	18.12	0.25	18.37	<=33.01	Pass
			13	18.16	0.25	18.41	<=33.01	Pass
			25	18.23	0.25	18.48	<=33.01	Pass
		50	0	18.12	0.25	18.37	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B7_15MHz_EIRP

1.3.1 Test Result

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	20.14	0.25	20.39	<=33.01	Pass
			38	20.21	0.25	20.46	<=33.01	Pass
			74	20.13	0.25	20.38	<=33.01	Pass
		36	0	19.25	0.25	19.50	<=33.01	Pass
			18	19.31	0.25	19.56	<=33.01	Pass
			39	19.30	0.25	19.55	<=33.01	Pass
		75	0	19.26	0.25	19.51	<=33.01	Pass
	2535	1	0	20.22	0.25	20.47	<=33.01	Pass
			38	20.18	0.25	20.43	<=33.01	Pass
			74	20.32	0.25	20.57	<=33.01	Pass
		36	0	19.18	0.25	19.43	<=33.01	Pass
			18	19.20	0.25	19.45	<=33.01	Pass
			39	19.16	0.25	19.41	<=33.01	Pass
		75	0	19.20	0.25	19.45	<=33.01	Pass
	2562.5	1	0	19.91	0.25	20.16	<=33.01	Pass
			38	19.99	0.25	20.24	<=33.01	Pass
			74	20.09	0.25	20.34	<=33.01	Pass
		36	0	19.00	0.25	19.25	<=33.01	Pass
			18	19.13	0.25	19.38	<=33.01	Pass
			39	19.15	0.25	19.40	<=33.01	Pass
		75	0	19.05	0.25	19.30	<=33.01	Pass
16QAM	2507.5	1	0	19.77	0.25	20.02	<=33.01	Pass
			38	19.72	0.25	19.97	<=33.01	Pass
			74	19.72	0.25	19.97	<=33.01	Pass
		36	0	18.35	0.25	18.60	<=33.01	Pass
			18	18.42	0.25	18.67	<=33.01	Pass
			39	18.45	0.25	18.70	<=33.01	Pass
		75	0	18.41	0.25	18.66	<=33.01	Pass
	2535	1	0	20.07	0.25	20.32	<=33.01	Pass
			38	20.01	0.25	20.26	<=33.01	Pass
			74	20.20	0.25	20.45	<=33.01	Pass
		36	0	18.34	0.25	18.59	<=33.01	Pass
			18	18.27	0.25	18.52	<=33.01	Pass
			39	18.37	0.25	18.62	<=33.01	Pass
		75	0	18.36	0.25	18.61	<=33.01	Pass
	2562.5	1	0	19.30	0.25	19.55	<=33.01	Pass
			38	19.24	0.25	19.49	<=33.01	Pass
			74	19.28	0.25	19.53	<=33.01	Pass
		36	0	18.21	0.25	18.46	<=33.01	Pass
			18	18.26	0.25	18.51	<=33.01	Pass
			39	18.26	0.25	18.51	<=33.01	Pass
		75	0	18.17	0.25	18.42	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B7_20MHz_EIRP

1.4.1 Test Result

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	20.48	0.25	20.73	<=33.01	Pass
			50	20.48	0.25	20.73	<=33.01	Pass

			99	20.43	0.25	20.68	<=33.01	Pass
		50	0	19.18	0.25	19.43	<=33.01	Pass
			25	19.27	0.25	19.52	<=33.01	Pass
			50	19.28	0.25	19.53	<=33.01	Pass
		100	0	19.30	0.25	19.55	<=33.01	Pass
	2535	1	0	20.50	0.25	20.75	<=33.01	Pass
			50	20.44	0.25	20.69	<=33.01	Pass
			99	20.61	0.25	20.86	<=33.01	Pass
		50	0	19.21	0.25	19.46	<=33.01	Pass
			25	19.22	0.25	19.47	<=33.01	Pass
			50	19.25	0.25	19.50	<=33.01	Pass
		100	0	19.14	0.25	19.39	<=33.01	Pass
	2560	1	0	19.98	0.25	20.23	<=33.01	Pass
			50	20.01	0.25	20.26	<=33.01	Pass
			99	20.14	0.25	20.39	<=33.01	Pass
		50	0	19.18	0.25	19.43	<=33.01	Pass
			25	19.02	0.25	19.27	<=33.01	Pass
			50	19.16	0.25	19.41	<=33.01	Pass
		100	0	19.11	0.25	19.36	<=33.01	Pass
16QAM	2510	1	0	20.09	0.25	20.34	<=33.01	Pass
			50	20.07	0.25	20.32	<=33.01	Pass
			99	20.01	0.25	20.26	<=33.01	Pass
		50	0	18.40	0.25	18.65	<=33.01	Pass
			25	18.29	0.25	18.54	<=33.01	Pass
			50	18.27	0.25	18.52	<=33.01	Pass
		100	0	18.45	0.25	18.70	<=33.01	Pass
	2535	1	0	19.70	0.25	19.95	<=33.01	Pass
			50	19.73	0.25	19.98	<=33.01	Pass
			99	19.79	0.25	20.04	<=33.01	Pass
		50	0	18.42	0.25	18.67	<=33.01	Pass
			25	18.38	0.25	18.63	<=33.01	Pass
			50	18.51	0.25	18.76	<=33.01	Pass
		100	0	18.10	0.25	18.35	<=33.01	Pass
	2560	1	0	18.97	0.25	19.22	<=33.01	Pass
			50	19.01	0.25	19.26	<=33.01	Pass
			99	19.06	0.25	19.31	<=33.01	Pass
		50	0	18.27	0.25	18.52	<=33.01	Pass
			25	18.15	0.25	18.40	<=33.01	Pass
			50	18.21	0.25	18.46	<=33.01	Pass
		100	0	18.11	0.25	18.36	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B7_5MHz

2.1.1 Test Result

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	7.496	0.0030	-2.5 to 2.5	Pass
					3.85	32.673	0.0131	-2.5 to 2.5	Pass
					4.43	33.016	0.0132	-2.5 to 2.5	Pass

				-30	3.85	42.143	0.0168	-2.5 to 2.5	Pass
				-20	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	12.174	0.0049	-2.5 to 2.5	Pass
				0	3.85	29.397	0.0117	-2.5 to 2.5	Pass
				10	3.85	-5.951	-0.0024	-2.5 to 2.5	Pass
				30	3.85	8.969	0.0036	-2.5 to 2.5	Pass
				40	3.85	22.531	0.0090	-2.5 to 2.5	Pass
				50	3.85	33.331	0.0133	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-6.437	-0.0025	-2.5 to 2.5	Pass
					3.85	-13.175	-0.0052	-2.5 to 2.5	Pass
					4.43	-20.742	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	-23.904	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-29.640	-0.0117	-2.5 to 2.5	Pass
				-10	3.85	-36.922	-0.0146	-2.5 to 2.5	Pass
				0	3.85	-44.632	-0.0176	-2.5 to 2.5	Pass
				10	3.85	13.232	0.0052	-2.5 to 2.5	Pass
				30	3.85	-0.830	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-14.720	-0.0058	-2.5 to 2.5	Pass
				50	3.85	-45.490	-0.0179	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-11.673	-0.0045	-2.5 to 2.5	Pass
					3.85	-14.505	-0.0056	-2.5 to 2.5	Pass
					4.43	-13.204	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-15.950	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-24.948	-0.0097	-2.5 to 2.5	Pass
				-10	3.85	21.400	0.0083	-2.5 to 2.5	Pass
				0	3.85	24.176	0.0094	-2.5 to 2.5	Pass
				10	3.85	22.902	0.0089	-2.5 to 2.5	Pass
				30	3.85	25.105	0.0098	-2.5 to 2.5	Pass
				40	3.85	23.146	0.0090	-2.5 to 2.5	Pass
				50	3.85	20.499	0.0080	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	46.577	0.0186	-2.5 to 2.5	Pass
					3.85	25.749	0.0103	-2.5 to 2.5	Pass
					4.43	19.269	0.0077	-2.5 to 2.5	Pass
				-30	3.85	21.501	0.0086	-2.5 to 2.5	Pass
				-20	3.85	37.022	0.0148	-2.5 to 2.5	Pass
				-10	3.85	-7.796	-0.0031	-2.5 to 2.5	Pass
				0	3.85	3.548	0.0014	-2.5 to 2.5	Pass
				10	3.85	17.109	0.0068	-2.5 to 2.5	Pass
				30	3.85	30.684	0.0123	-2.5 to 2.5	Pass
				40	3.85	41.227	0.0165	-2.5 to 2.5	Pass
				50	3.85	15.092	0.0060	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	31.829	0.0126	-2.5 to 2.5	Pass
					3.85	44.074	0.0174	-2.5 to 2.5	Pass
					4.43	47.050	0.0186	-2.5 to 2.5	Pass
				-30	3.85	16.236	0.0064	-2.5 to 2.5	Pass
				-20	3.85	20.041	0.0079	-2.5 to 2.5	Pass
				-10	3.85	25.892	0.0102	-2.5 to 2.5	Pass
				0	3.85	31.385	0.0124	-2.5 to 2.5	Pass
				10	3.85	31.872	0.0126	-2.5 to 2.5	Pass
				30	3.85	30.098	0.0119	-2.5 to 2.5	Pass
				40	3.85	36.407	0.0144	-2.5 to 2.5	Pass
				50	3.85	43.058	0.0170	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	22.244	0.0087	-2.5 to 2.5	Pass
					3.85	28.052	0.0109	-2.5 to 2.5	Pass
					4.43	38.481	0.0150	-2.5 to 2.5	Pass
				-30	3.85	-15.235	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	43.631	0.0170	-2.5 to 2.5	Pass

				-10	3.85	52.242	0.0203	-2.5 to 2.5	Pass
				0	3.85	22.287	0.0087	-2.5 to 2.5	Pass
				10	3.85	30.298	0.0118	-2.5 to 2.5	Pass
				30	3.85	33.159	0.0129	-2.5 to 2.5	Pass
				40	3.85	18.926	0.0074	-2.5 to 2.5	Pass
				50	3.85	11.659	0.0045	-2.5 to 2.5	Pass

2.2 B7_10MHz

2.2.1 Test Result

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	21.629	0.0086	-2.5 to 2.5	Pass
					3.85	14.405	0.0058	-2.5 to 2.5	Pass
					4.43	42.400	0.0169	-2.5 to 2.5	Pass
				-30	3.85	44.847	0.0179	-2.5 to 2.5	Pass
				-20	3.85	4.091	0.0016	-2.5 to 2.5	Pass
				-10	3.85	6.680	0.0027	-2.5 to 2.5	Pass
				0	3.85	4.892	0.0020	-2.5 to 2.5	Pass
				10	3.85	5.579	0.0022	-2.5 to 2.5	Pass
				30	3.85	6.895	0.0028	-2.5 to 2.5	Pass
				40	3.85	27.852	0.0111	-2.5 to 2.5	Pass
				50	3.85	9.770	0.0039	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-5.794	-0.0023	-2.5 to 2.5	Pass
					3.85	-18.067	-0.0071	-2.5 to 2.5	Pass
					4.43	-11.902	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-11.115	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-32.887	-0.0130	-2.5 to 2.5	Pass
				-10	3.85	-15.035	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-36.650	-0.0145	-2.5 to 2.5	Pass
				10	3.85	5.651	0.0022	-2.5 to 2.5	Pass
				30	3.85	-16.708	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-0.901	-0.0004	-2.5 to 2.5	Pass
				50	3.85	35.019	0.0138	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-2.046	-0.0008	-2.5 to 2.5	Pass
					3.85	10.943	0.0043	-2.5 to 2.5	Pass
					4.43	18.539	0.0072	-2.5 to 2.5	Pass
				-30	3.85	19.798	0.0077	-2.5 to 2.5	Pass
				-20	3.85	25.849	0.0101	-2.5 to 2.5	Pass
				-10	3.85	17.610	0.0069	-2.5 to 2.5	Pass
				0	3.85	-4.935	-0.0019	-2.5 to 2.5	Pass
				10	3.85	3.161	0.0012	-2.5 to 2.5	Pass
				30	3.85	6.523	0.0025	-2.5 to 2.5	Pass
				40	3.85	27.523	0.0107	-2.5 to 2.5	Pass
				50	3.85	38.581	0.0150	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.27	8.397	0.0034	-2.5 to 2.5	Pass
					3.85	13.390	0.0053	-2.5 to 2.5	Pass
					4.43	17.095	0.0068	-2.5 to 2.5	Pass
				-30	3.85	23.804	0.0095	-2.5 to 2.5	Pass
				-20	3.85	24.762	0.0099	-2.5 to 2.5	Pass
				-10	3.85	31.357	0.0125	-2.5 to 2.5	Pass
				0	3.85	14.777	0.0059	-2.5 to 2.5	Pass
				10	3.85	21.443	0.0086	-2.5 to 2.5	Pass

				30	3.85	25.063	0.0100	-2.5 to 2.5	Pass
				40	3.85	43.459	0.0173	-2.5 to 2.5	Pass
				50	3.85	13.247	0.0053	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	44.475	0.0175	-2.5 to 2.5	Pass
					3.85	42.129	0.0166	-2.5 to 2.5	Pass
					4.43	41.814	0.0165	-2.5 to 2.5	Pass
				-30	3.85	39.368	0.0155	-2.5 to 2.5	Pass
				-20	3.85	31.757	0.0125	-2.5 to 2.5	Pass
				-10	3.85	26.994	0.0106	-2.5 to 2.5	Pass
				0	3.85	27.180	0.0107	-2.5 to 2.5	Pass
				10	3.85	22.516	0.0089	-2.5 to 2.5	Pass
				30	3.85	21.529	0.0085	-2.5 to 2.5	Pass
				40	3.85	20.127	0.0079	-2.5 to 2.5	Pass
				50	3.85	17.781	0.0070	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	46.792	0.0182	-2.5 to 2.5	Pass
					3.85	-7.224	-0.0028	-2.5 to 2.5	Pass
					4.43	2.146	0.0008	-2.5 to 2.5	Pass
				-30	3.85	10.643	0.0041	-2.5 to 2.5	Pass
				-20	3.85	15.392	0.0060	-2.5 to 2.5	Pass
				-10	3.85	46.649	0.0182	-2.5 to 2.5	Pass
				0	3.85	-1.087	-0.0004	-2.5 to 2.5	Pass
				10	3.85	6.881	0.0027	-2.5 to 2.5	Pass
				30	3.85	9.012	0.0035	-2.5 to 2.5	Pass
				40	3.85	17.052	0.0066	-2.5 to 2.5	Pass
				50	3.85	23.103	0.0090	-2.5 to 2.5	Pass

2.3 B7_15MHz

2.3.1 Test Result

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	16.723	0.0067	-2.5 to 2.5	Pass
					3.85	28.782	0.0115	-2.5 to 2.5	Pass
					4.43	28.682	0.0114	-2.5 to 2.5	Pass
				-30	3.85	22.445	0.0090	-2.5 to 2.5	Pass
				-20	3.85	28.510	0.0114	-2.5 to 2.5	Pass
				-10	3.85	31.428	0.0125	-2.5 to 2.5	Pass
				0	3.85	11.487	0.0046	-2.5 to 2.5	Pass
				10	3.85	9.298	0.0037	-2.5 to 2.5	Pass
				30	3.85	12.817	0.0051	-2.5 to 2.5	Pass
				40	3.85	7.639	0.0030	-2.5 to 2.5	Pass
				50	3.85	29.812	0.0119	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-30.999	-0.0122	-2.5 to 2.5	Pass
					3.85	25.606	0.0101	-2.5 to 2.5	Pass
					4.43	3.948	0.0016	-2.5 to 2.5	Pass
				-30	3.85	-13.561	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-22.230	-0.0088	-2.5 to 2.5	Pass
				-10	3.85	16.336	0.0064	-2.5 to 2.5	Pass
				0	3.85	-2.246	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-16.308	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-30.899	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-16.637	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-6.022	-0.0024	-2.5 to 2.5	Pass

	2562.5	75	0	20	3.27	0.272	0.0001	-2.5 to 2.5	Pass
					3.85	13.132	0.0051	-2.5 to 2.5	Pass
					4.43	23.503	0.0092	-2.5 to 2.5	Pass
				-30	3.85	34.518	0.0135	-2.5 to 2.5	Pass
				-20	3.85	43.259	0.0169	-2.5 to 2.5	Pass
				-10	3.85	12.274	0.0048	-2.5 to 2.5	Pass
				0	3.85	12.360	0.0048	-2.5 to 2.5	Pass
				10	3.85	18.826	0.0073	-2.5 to 2.5	Pass
				30	3.85	11.387	0.0044	-2.5 to 2.5	Pass
				40	3.85	42.343	0.0165	-2.5 to 2.5	Pass
				50	3.85	14.391	0.0056	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.27	36.421	0.0145	-2.5 to 2.5	Pass
					3.85	35.505	0.0142	-2.5 to 2.5	Pass
					4.43	10.285	0.0041	-2.5 to 2.5	Pass
				-30	3.85	17.667	0.0070	-2.5 to 2.5	Pass
				-20	3.85	23.646	0.0094	-2.5 to 2.5	Pass
				-10	3.85	8.926	0.0036	-2.5 to 2.5	Pass
				0	3.85	44.432	0.0177	-2.5 to 2.5	Pass
				10	3.85	17.982	0.0072	-2.5 to 2.5	Pass
				30	3.85	23.432	0.0093	-2.5 to 2.5	Pass
				40	3.85	32.673	0.0130	-2.5 to 2.5	Pass
				50	3.85	34.032	0.0136	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-16.108	-0.0064	-2.5 to 2.5	Pass
					3.85	23.160	0.0091	-2.5 to 2.5	Pass
					4.43	9.785	0.0039	-2.5 to 2.5	Pass
				-30	3.85	15.922	0.0063	-2.5 to 2.5	Pass
				-20	3.85	18.454	0.0073	-2.5 to 2.5	Pass
				-10	3.85	19.484	0.0077	-2.5 to 2.5	Pass
				0	3.85	19.684	0.0078	-2.5 to 2.5	Pass
				10	3.85	8.368	0.0033	-2.5 to 2.5	Pass
				30	3.85	8.068	0.0032	-2.5 to 2.5	Pass
				40	3.85	10.571	0.0042	-2.5 to 2.5	Pass
				50	3.85	-8.683	-0.0034	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	27.881	0.0109	-2.5 to 2.5	Pass
					3.85	37.851	0.0148	-2.5 to 2.5	Pass
					4.43	-13.089	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-5.450	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	1.988	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-9.141	-0.0036	-2.5 to 2.5	Pass
				0	3.85	6.580	0.0026	-2.5 to 2.5	Pass
				10	3.85	-5.193	-0.0020	-2.5 to 2.5	Pass
				30	3.85	2.146	0.0008	-2.5 to 2.5	Pass
				40	3.85	16.551	0.0065	-2.5 to 2.5	Pass
				50	3.85	27.337	0.0107	-2.5 to 2.5	Pass

2.4 B7_20MHz

2.4.1 Test Result

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	10.414	0.0041	-2.5 to 2.5	Pass
					3.85	6.723	0.0027	-2.5 to 2.5	Pass
					4.43	7.839	0.0031	-2.5 to 2.5	Pass

				-30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-2.146	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-7.424	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-9.713	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-16.994	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-23.074	-0.0092	-2.5 to 2.5	Pass
				40	3.85	10.099	0.0040	-2.5 to 2.5	Pass
				50	3.85	6.137	0.0024	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-30.971	-0.0122	-2.5 to 2.5	Pass
					3.85	-44.503	-0.0176	-2.5 to 2.5	Pass
					4.43	-12.989	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-40.498	-0.0160	-2.5 to 2.5	Pass
				-20	3.85	-29.483	-0.0116	-2.5 to 2.5	Pass
				-10	3.85	-2.518	-0.0010	-2.5 to 2.5	Pass
				0	3.85	10.500	0.0041	-2.5 to 2.5	Pass
				10	3.85	-14.820	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-28.725	-0.0113	-2.5 to 2.5	Pass
				40	3.85	-39.325	-0.0155	-2.5 to 2.5	Pass
				50	3.85	-23.174	-0.0091	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	11.430	0.0045	-2.5 to 2.5	Pass
					3.85	24.004	0.0094	-2.5 to 2.5	Pass
					4.43	40.627	0.0159	-2.5 to 2.5	Pass
				-30	3.85	-1.760	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	26.865	0.0105	-2.5 to 2.5	Pass
				-10	3.85	43.888	0.0171	-2.5 to 2.5	Pass
				0	3.85	11.745	0.0046	-2.5 to 2.5	Pass
				10	3.85	36.578	0.0143	-2.5 to 2.5	Pass
				30	3.85	37.909	0.0148	-2.5 to 2.5	Pass
				40	3.85	20.370	0.0080	-2.5 to 2.5	Pass
				50	3.85	38.481	0.0150	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.27	10.772	0.0043	-2.5 to 2.5	Pass
					3.85	20.857	0.0083	-2.5 to 2.5	Pass
					4.43	-11.959	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-3.233	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-26.450	-0.0105	-2.5 to 2.5	Pass
				-10	3.85	-13.204	-0.0053	-2.5 to 2.5	Pass
				0	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				10	3.85	7.296	0.0029	-2.5 to 2.5	Pass
				30	3.85	19.441	0.0077	-2.5 to 2.5	Pass
				40	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				50	3.85	16.322	0.0065	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	39.825	0.0157	-2.5 to 2.5	Pass
					3.85	43.774	0.0173	-2.5 to 2.5	Pass
					4.43	45.376	0.0179	-2.5 to 2.5	Pass
				-30	3.85	45.633	0.0180	-2.5 to 2.5	Pass
				-20	3.85	12.488	0.0049	-2.5 to 2.5	Pass
				-10	3.85	14.977	0.0059	-2.5 to 2.5	Pass
				0	3.85	14.420	0.0057	-2.5 to 2.5	Pass
				10	3.85	31.114	0.0123	-2.5 to 2.5	Pass
				30	3.85	35.849	0.0141	-2.5 to 2.5	Pass
				40	3.85	40.827	0.0161	-2.5 to 2.5	Pass
				50	3.85	10.729	0.0042	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	8.740	0.0034	-2.5 to 2.5	Pass
					3.85	19.598	0.0077	-2.5 to 2.5	Pass
					4.43	38.939	0.0152	-2.5 to 2.5	Pass
				-30	3.85	20.041	0.0078	-2.5 to 2.5	Pass
				-20	3.85	4.377	0.0017	-2.5 to 2.5	Pass

				-10	3.85	11.888	0.0046	-2.5 to 2.5	Pass
				0	3.85	36.707	0.0143	-2.5 to 2.5	Pass
				10	3.85	21.243	0.0083	-2.5 to 2.5	Pass
				30	3.85	42.486	0.0166	-2.5 to 2.5	Pass
				40	3.85	2.375	0.0009	-2.5 to 2.5	Pass
				50	3.85	4.735	0.0018	-2.5 to 2.5	Pass

3. Modulation Characteristics

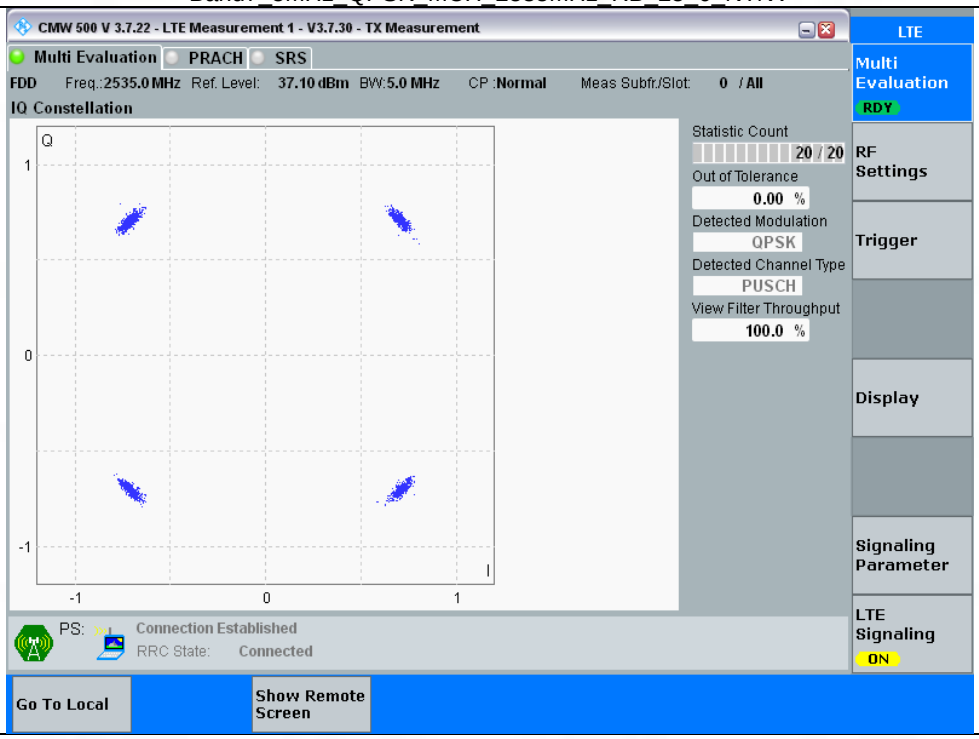
3.1 B7_5MHz

3.1.1 Test Result

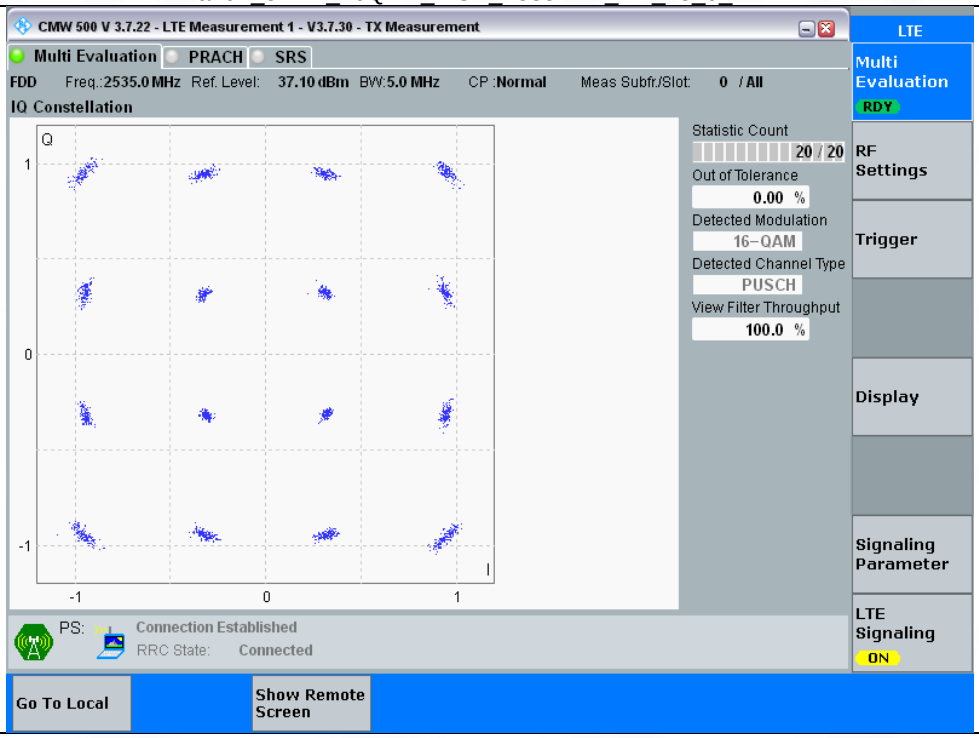
Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	25	0	Refer To Test Graph		Pass
16QAM	2535	25	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



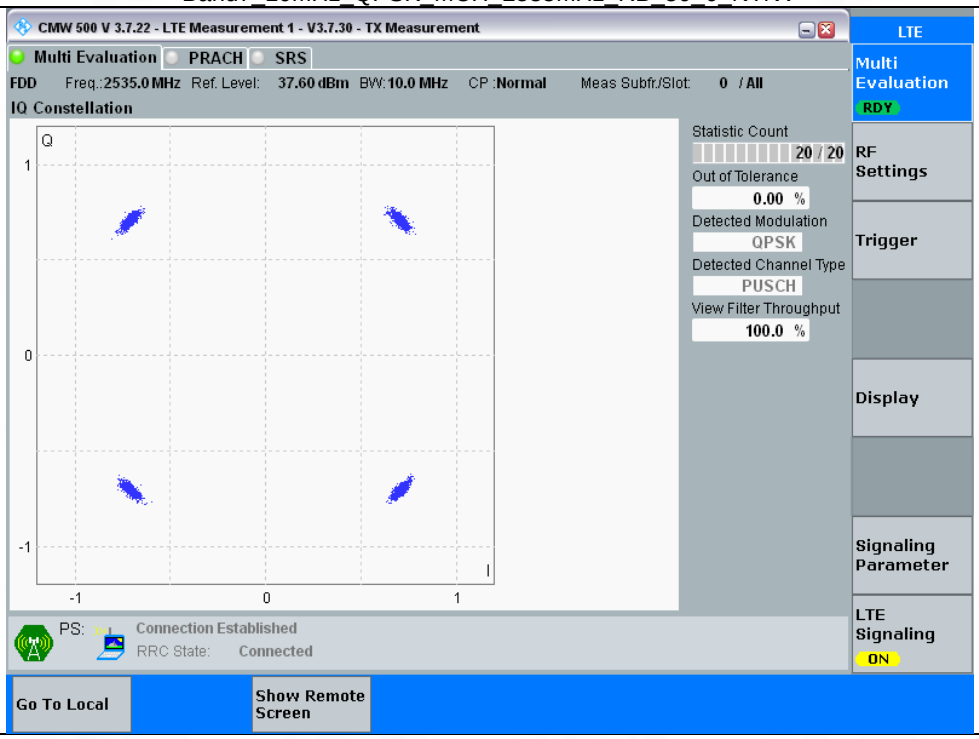
3.2 B7_10MHz

3.2.1 Test Result

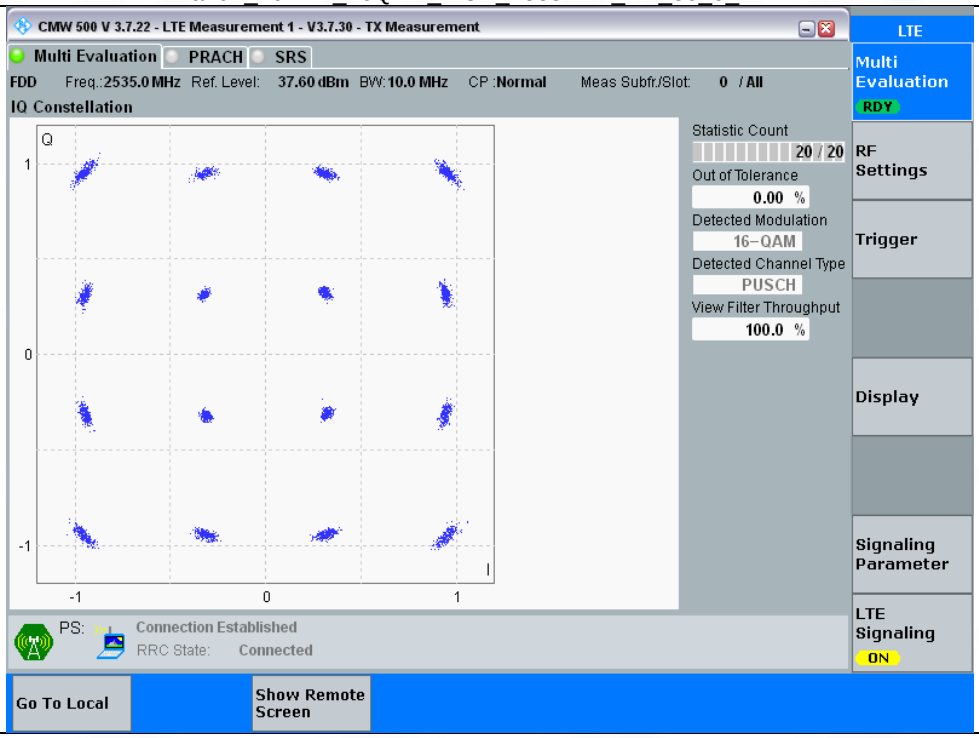
Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	50	0	Refer To Test Graph		Pass
16QAM	2535	50	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



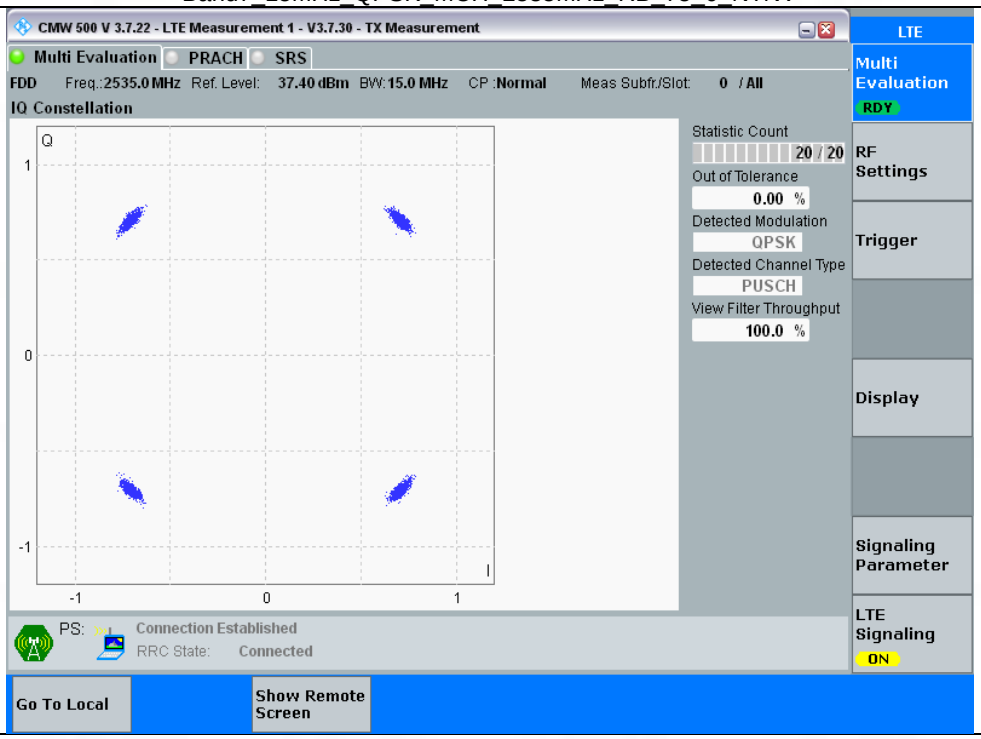
3.3 B7_15MHz

3.3.1 Test Result

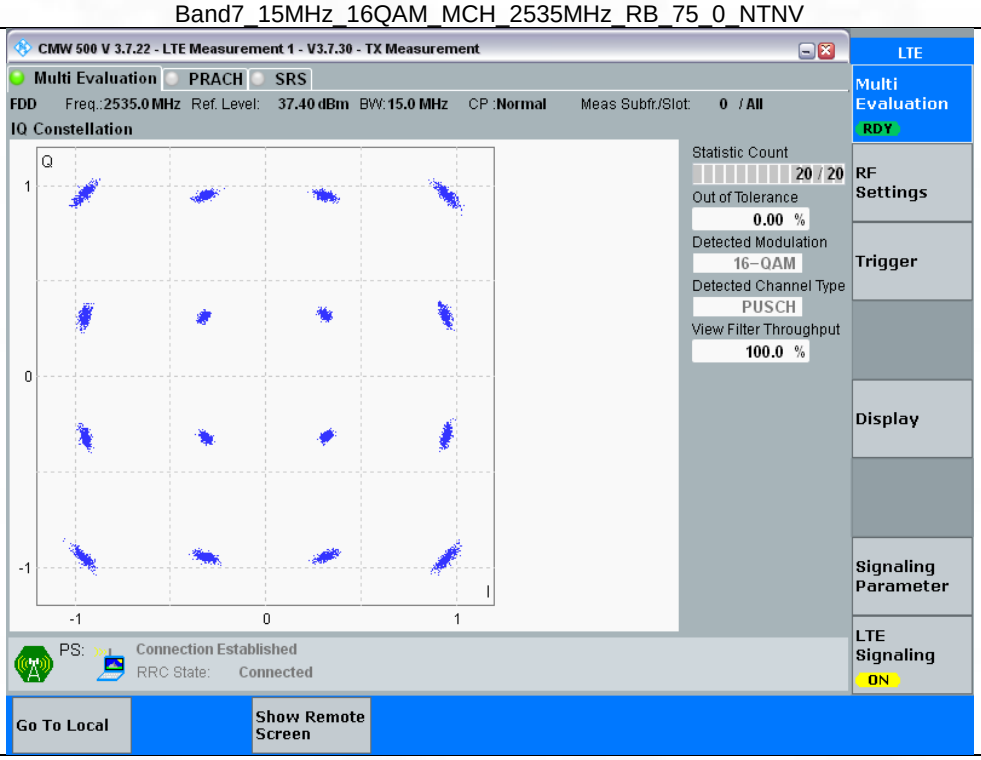
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	75	0	Refer To Test Graph		Pass
16QAM	2535	75	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



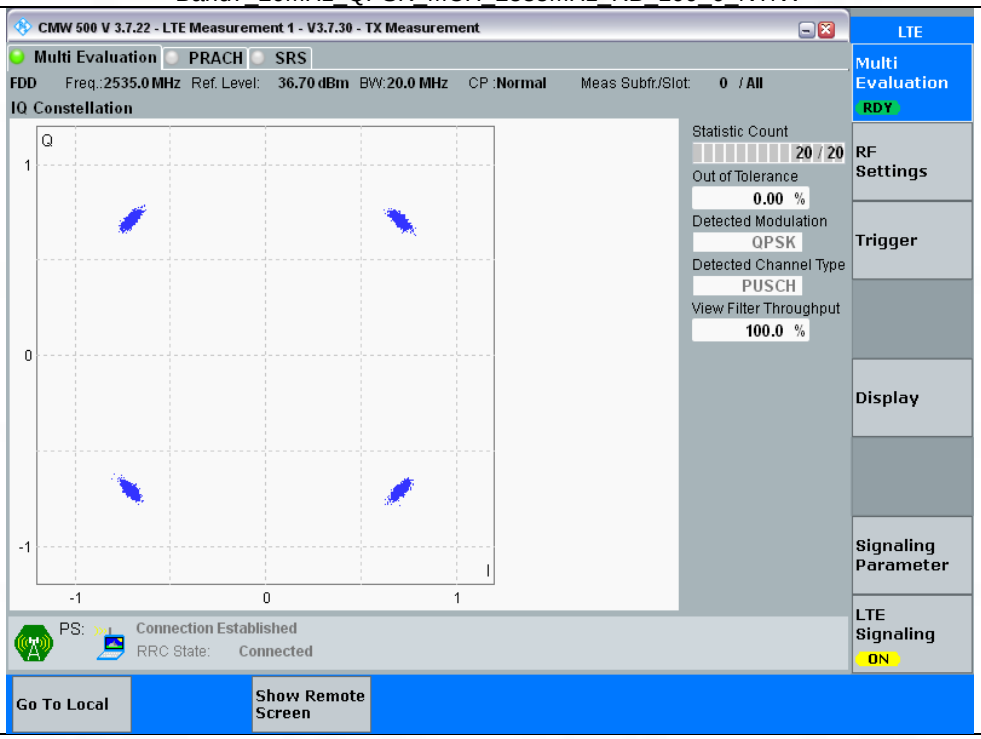
3.4 B7_20MHz

3.4.1 Test Result

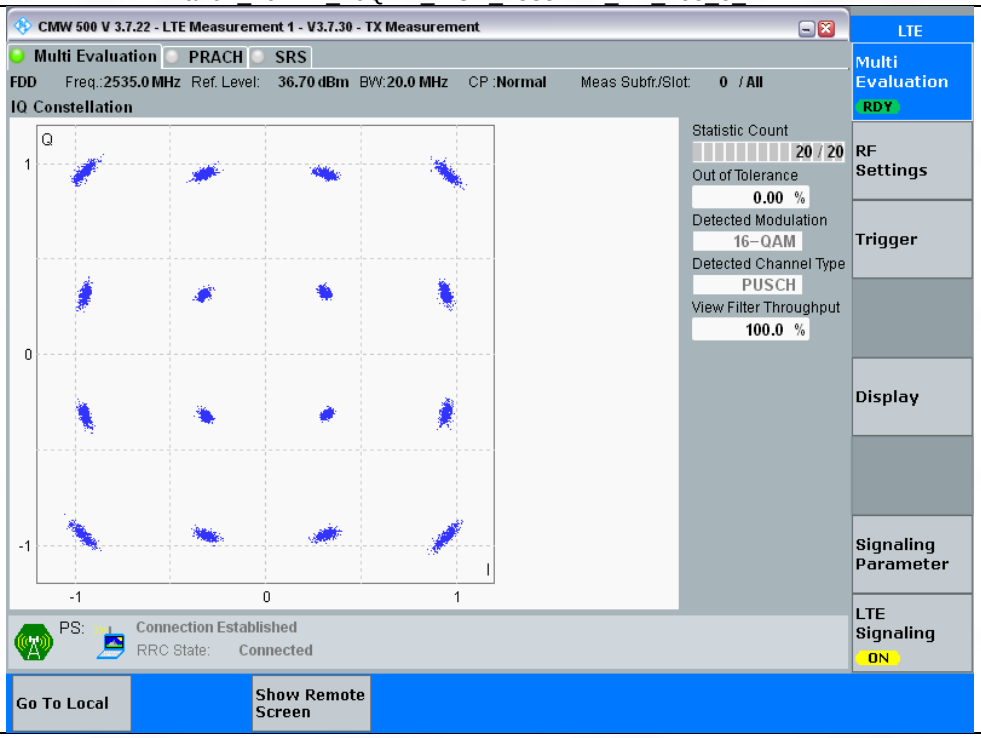
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	Refer To Test Graph		Pass
16QAM	2535	100	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

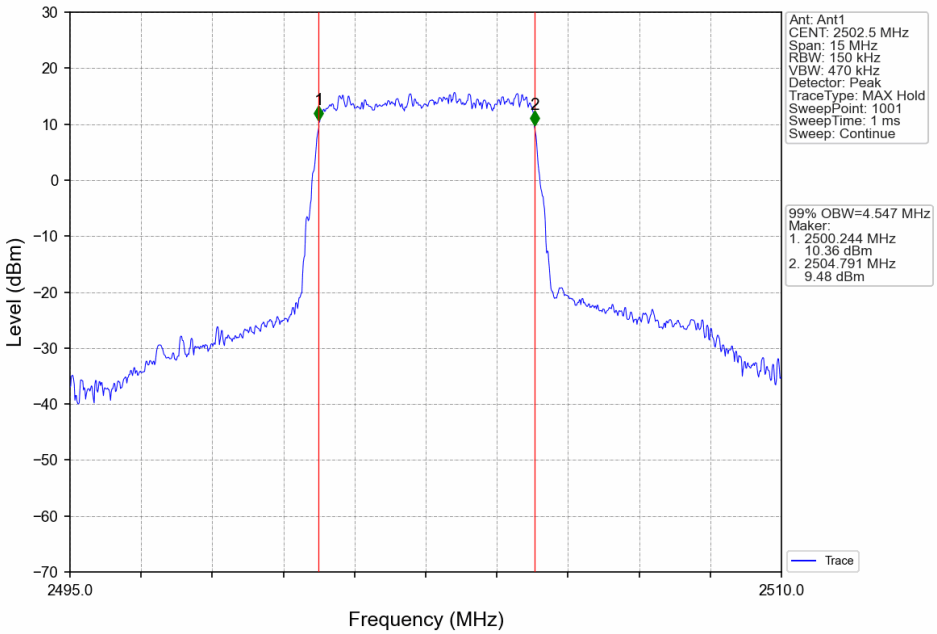
4.1 Band7_OBW

4.1.1 Test Result

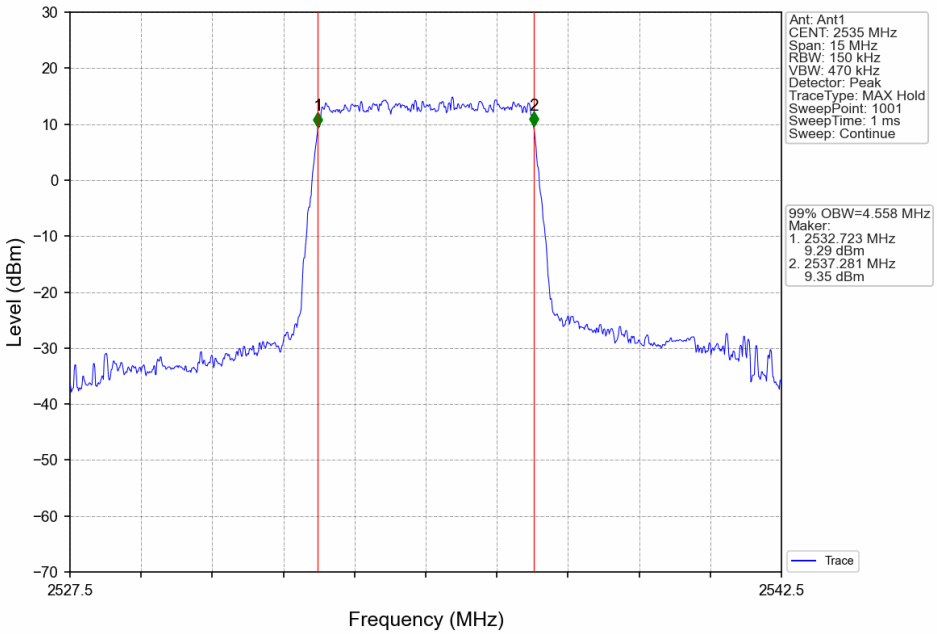
Band: 7 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	4.547	Pass
		2535	25	0	4.558	Pass
		2567.5	25	0	4.572	Pass
	16QAM	2502.5	25	0	4.554	Pass
		2535	25	0	4.572	Pass
		2567.5	25	0	4.542	Pass
10	QPSK	2505	50	0	9.085	Pass
		2535	50	0	9.058	Pass
		2565	50	0	9.054	Pass
	16QAM	2505	50	0	9.044	Pass
		2535	50	0	9.070	Pass
		2565	50	0	9.064	Pass
15	QPSK	2507.5	75	0	13.598	Pass
		2535	75	0	13.598	Pass
		2562.5	75	0	13.624	Pass
	16QAM	2507.5	75	0	13.611	Pass
		2535	75	0	13.632	Pass
		2562.5	75	0	13.595	Pass
20	QPSK	2510	100	0	18.071	Pass
		2535	100	0	18.198	Pass
		2560	100	0	18.115	Pass
	16QAM	2510	100	0	18.077	Pass
		2535	100	0	18.201	Pass
		2560	100	0	18.142	Pass

4.1.2 Test Graph

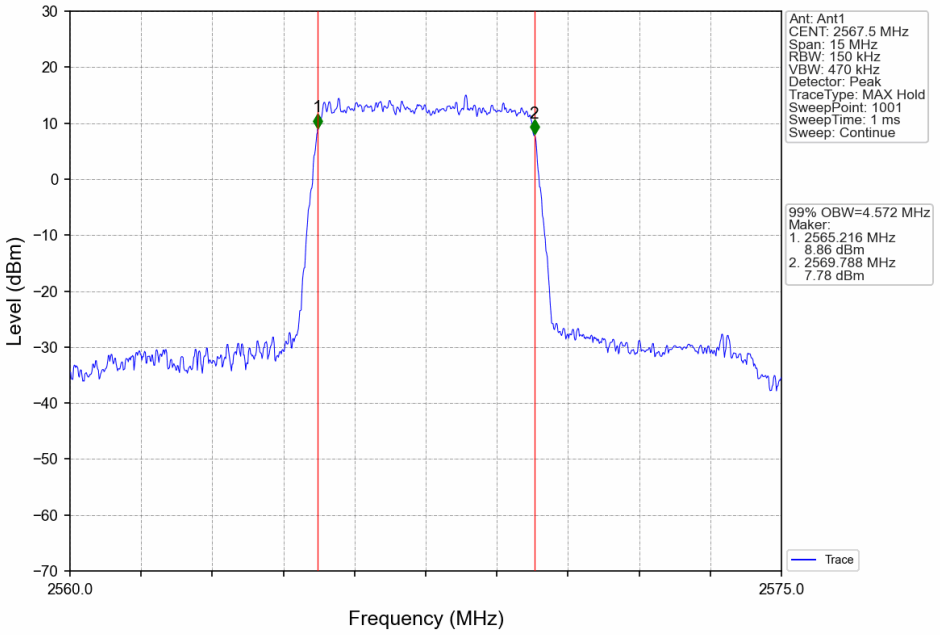
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



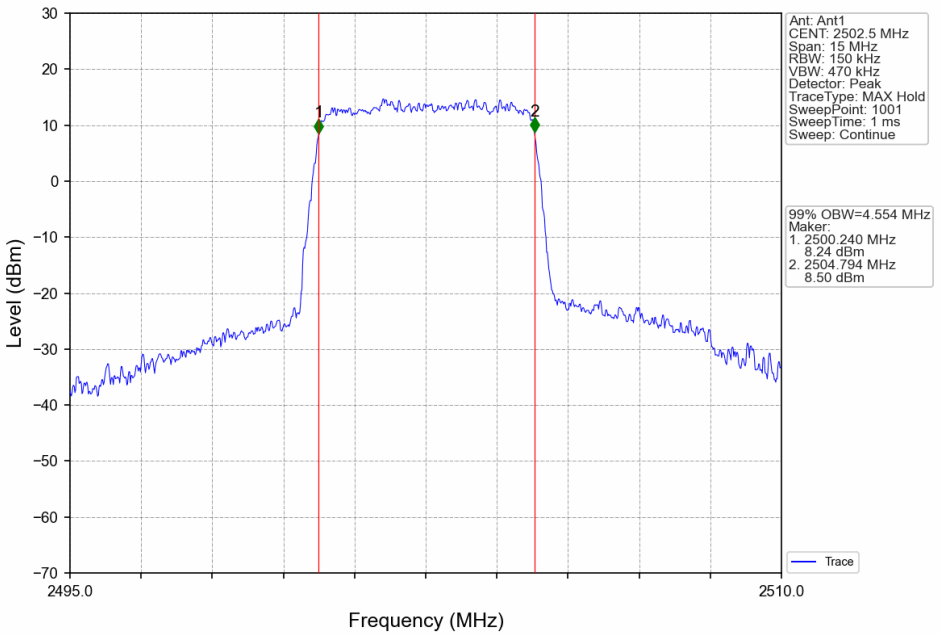
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



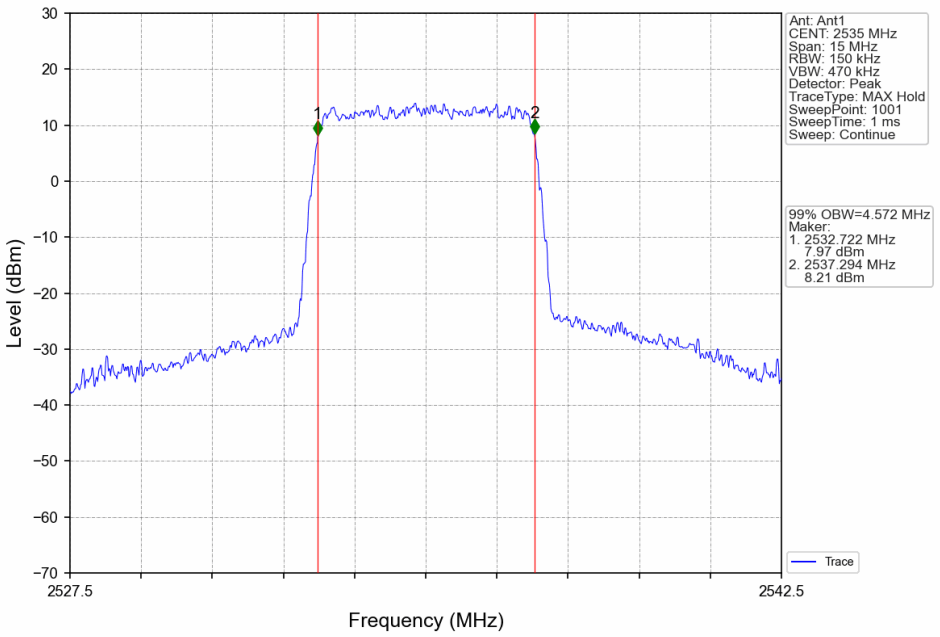
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



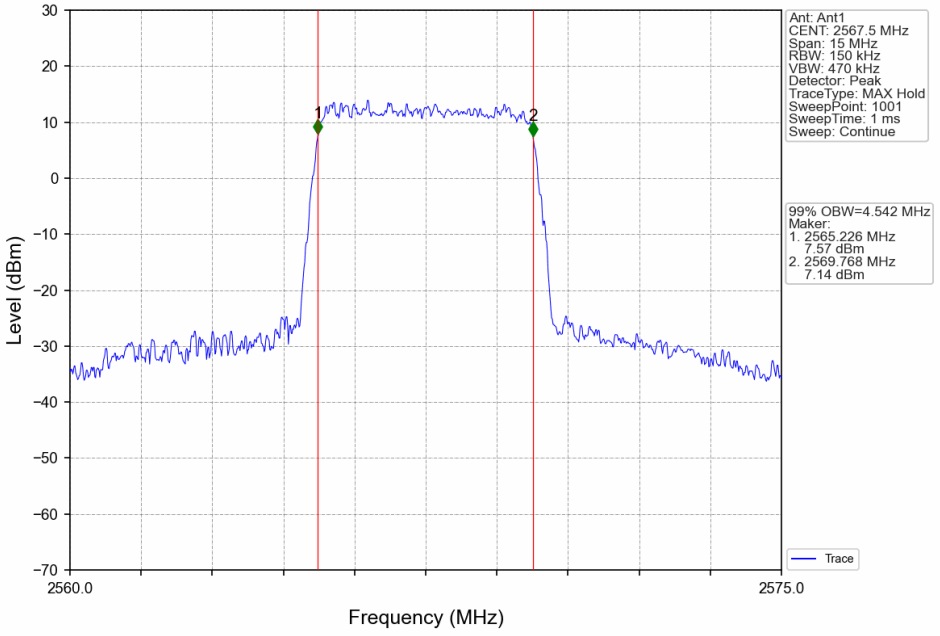
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



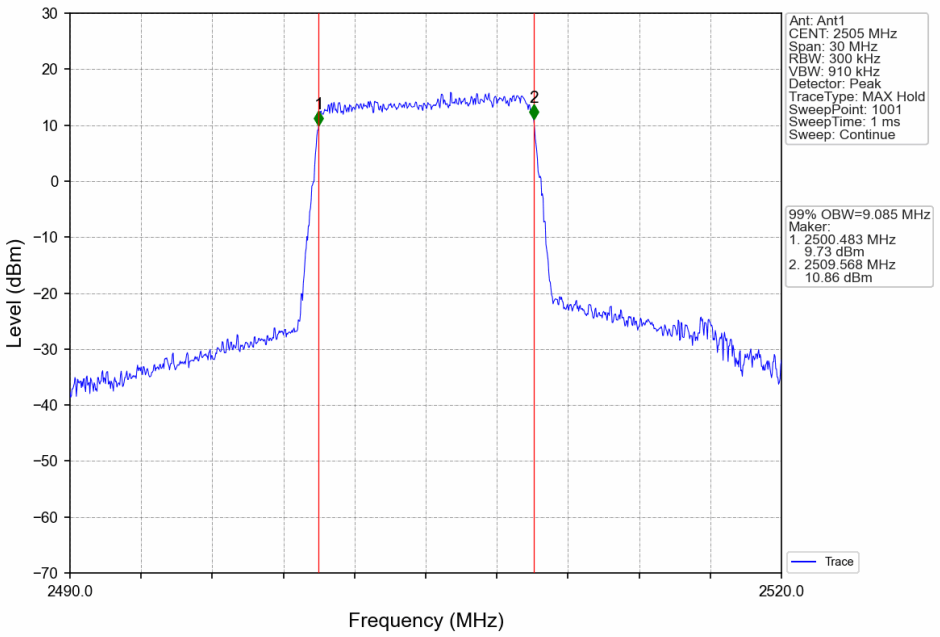
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



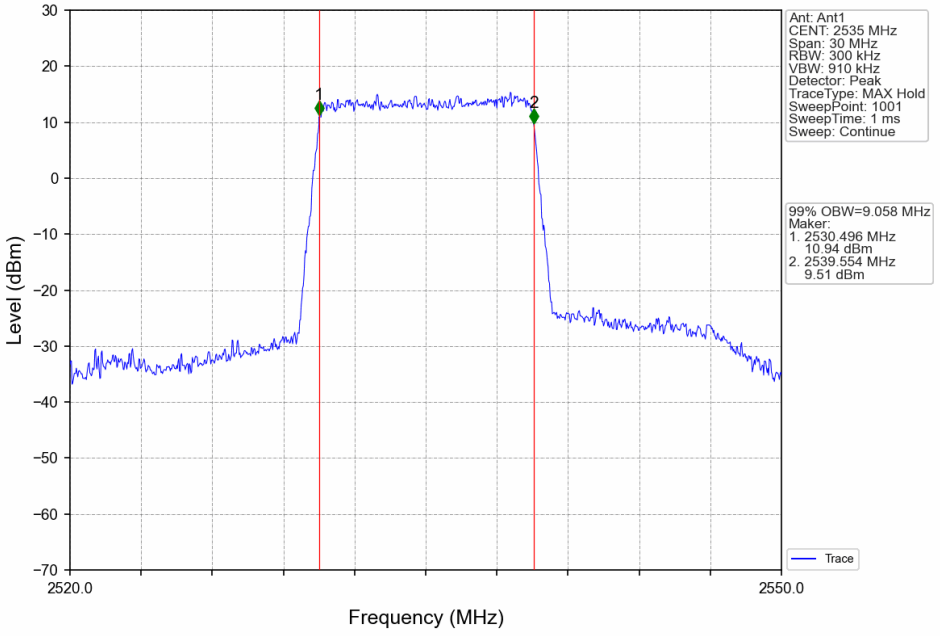
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



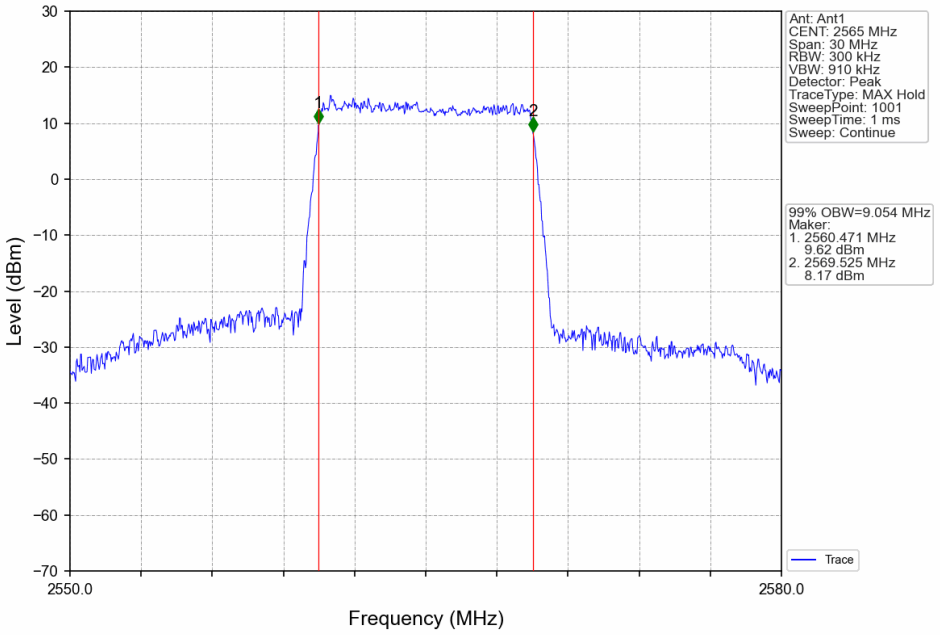
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



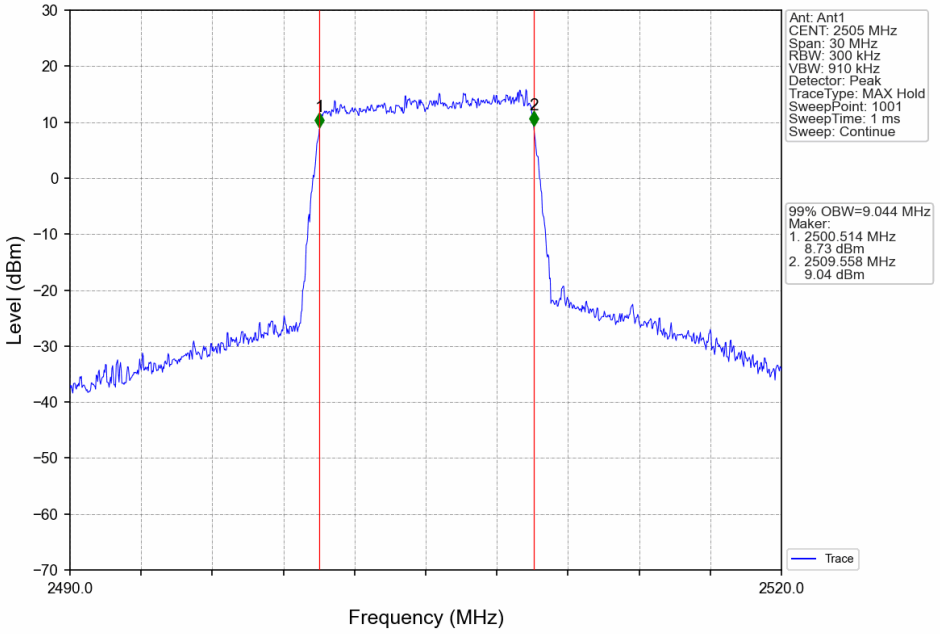
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



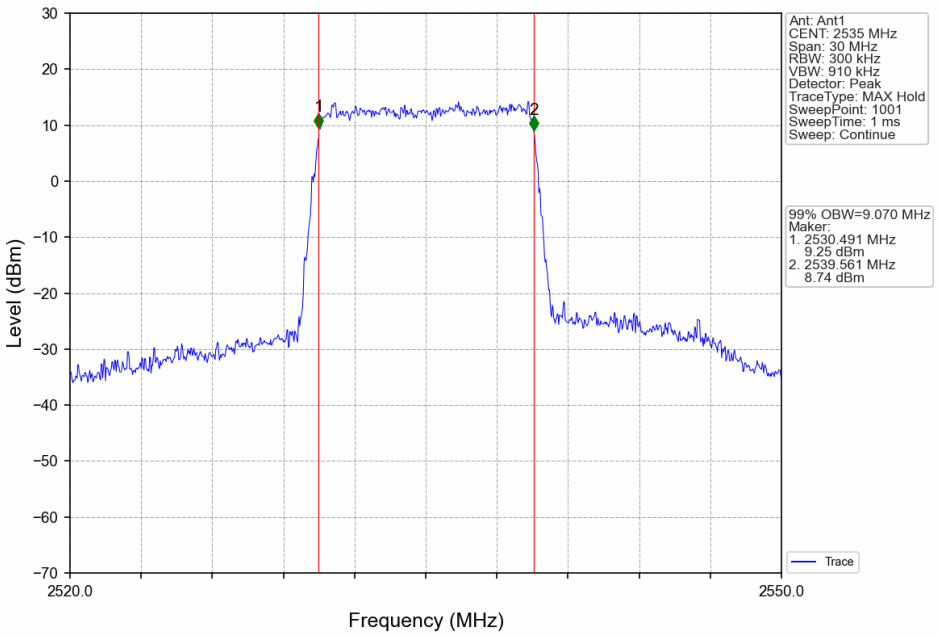
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



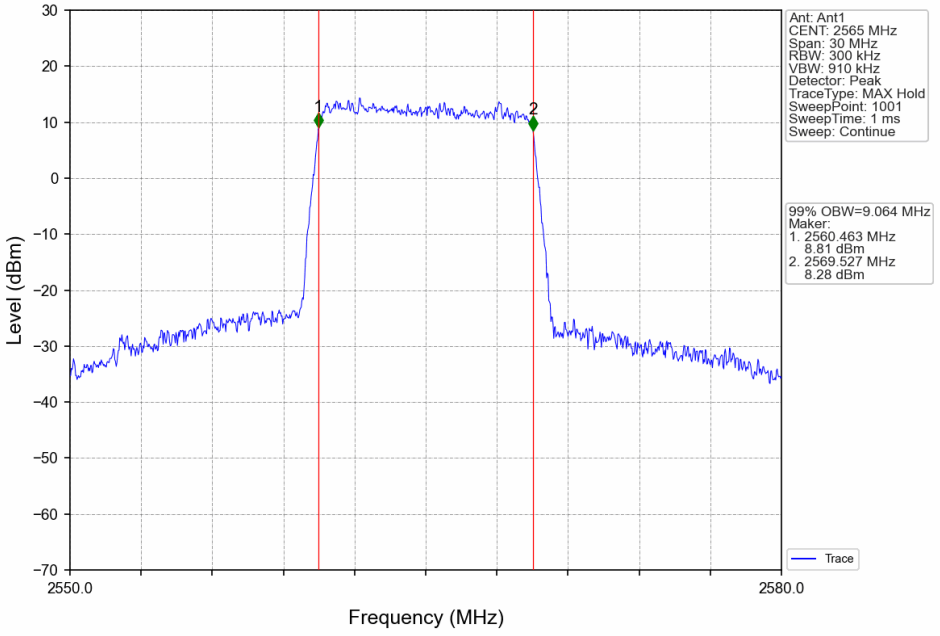
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



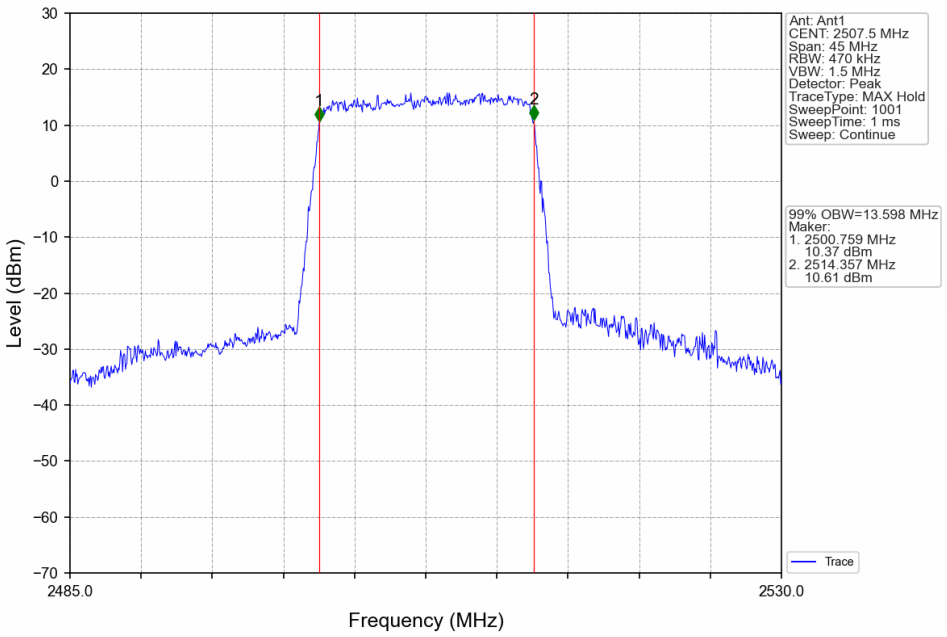
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



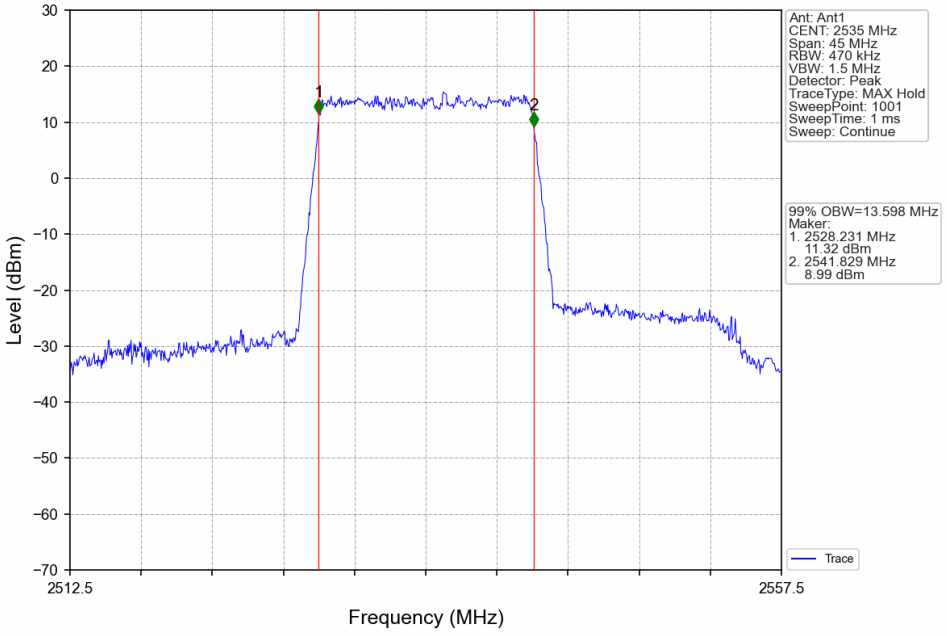
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



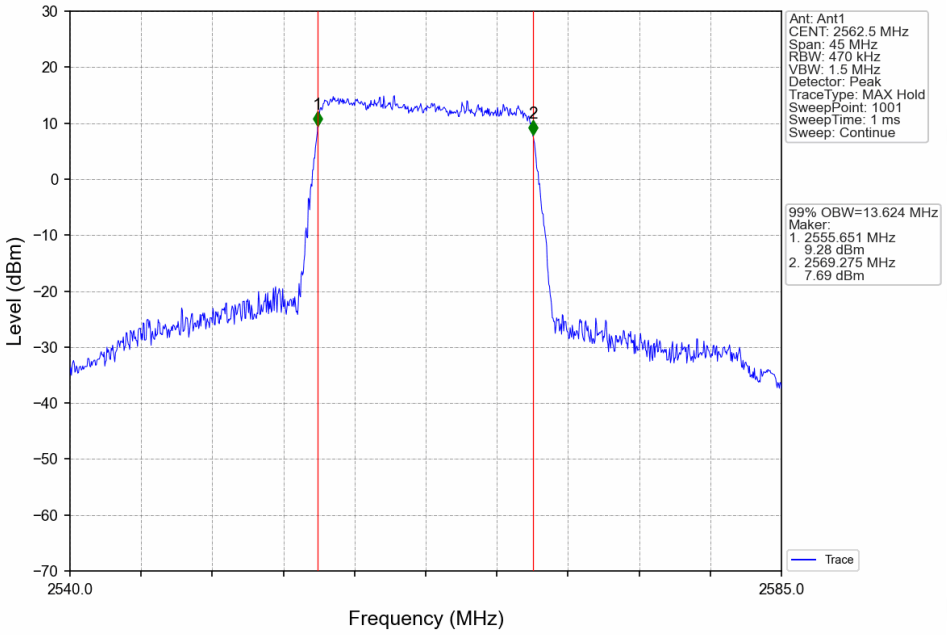
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



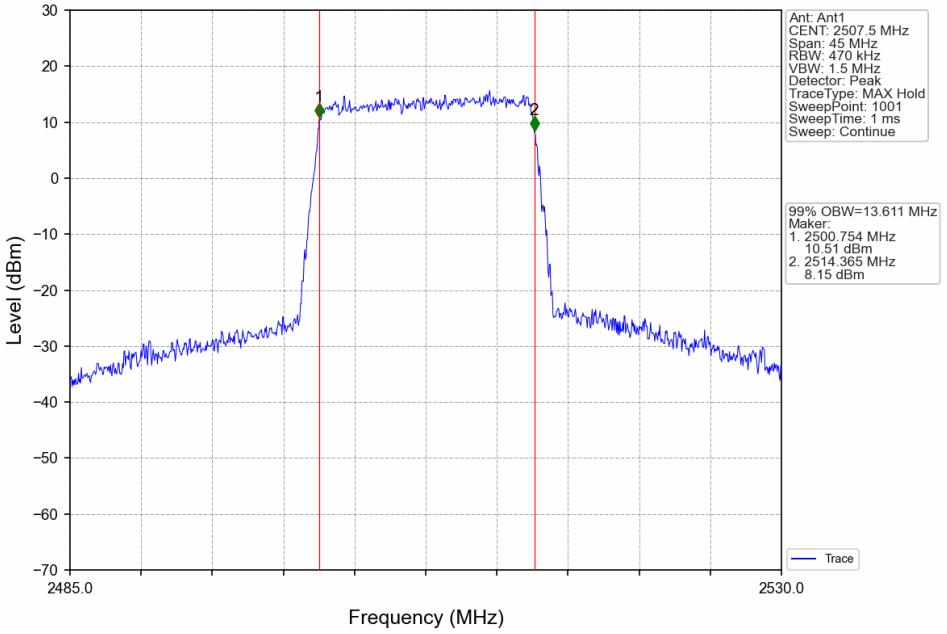
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



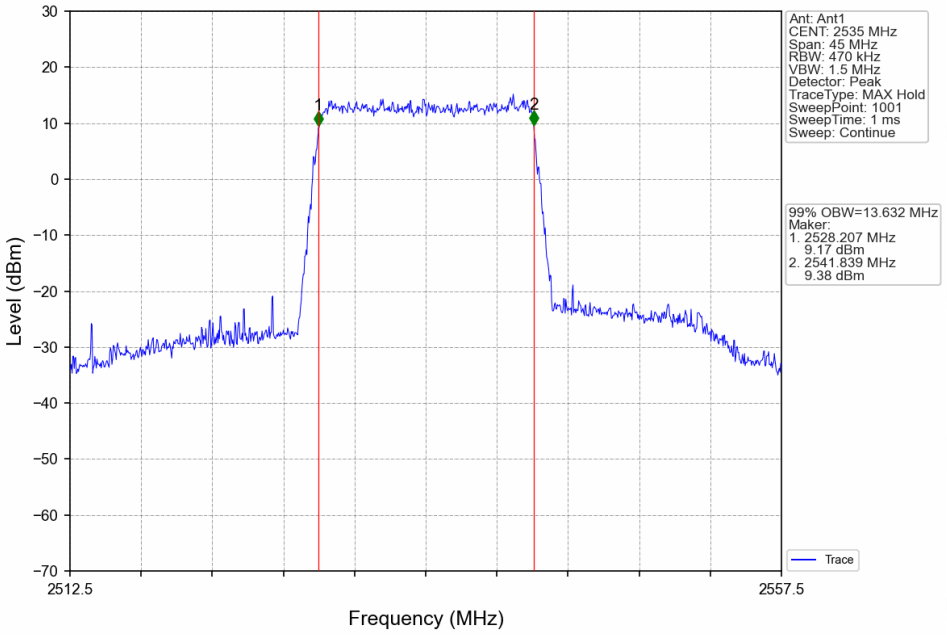
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



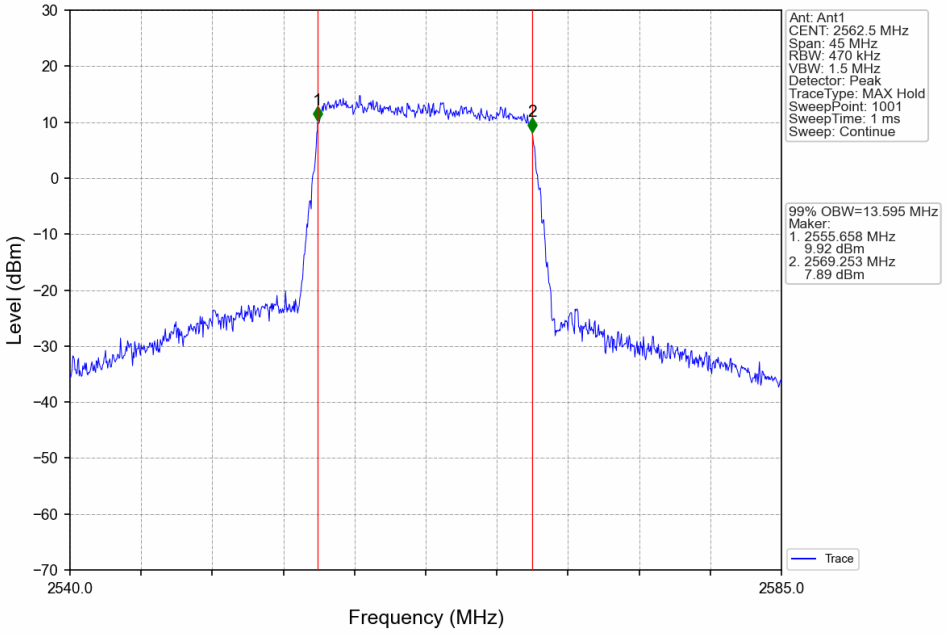
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



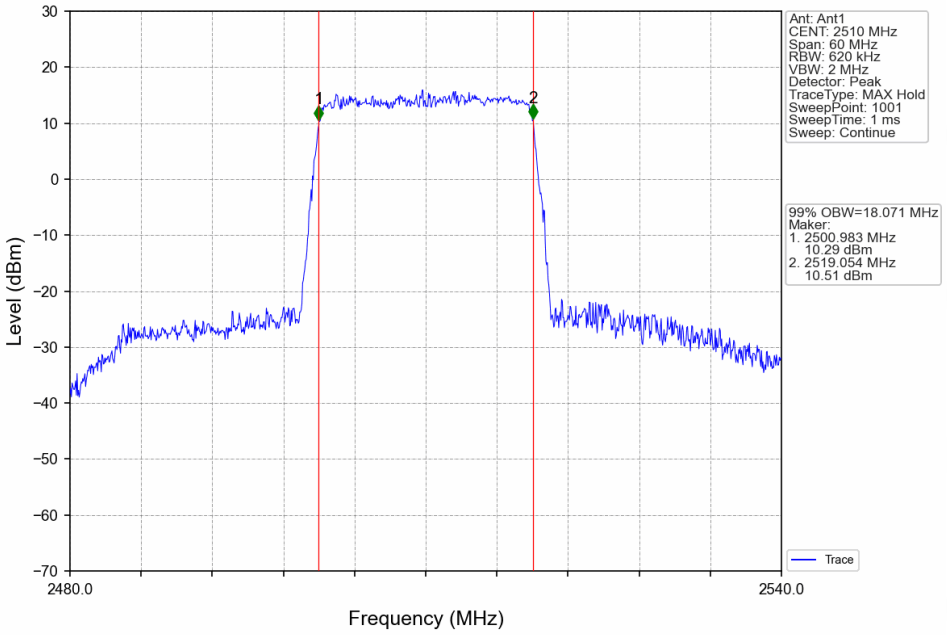
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



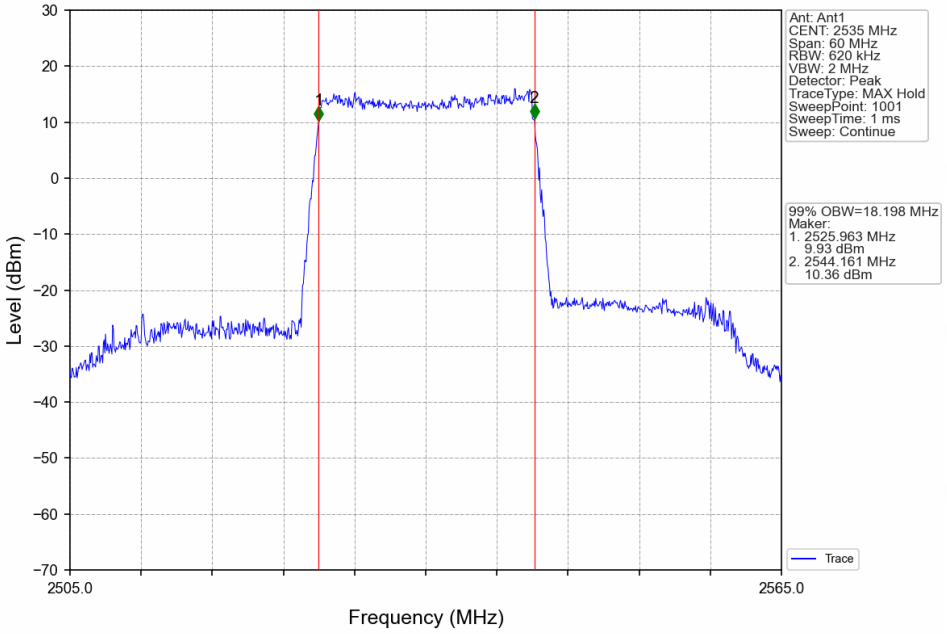
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



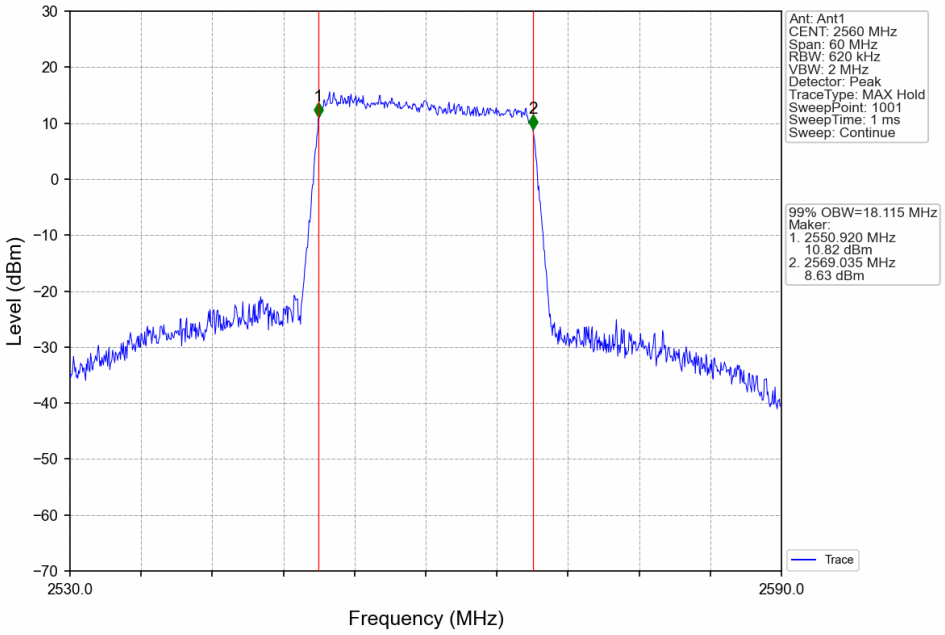
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



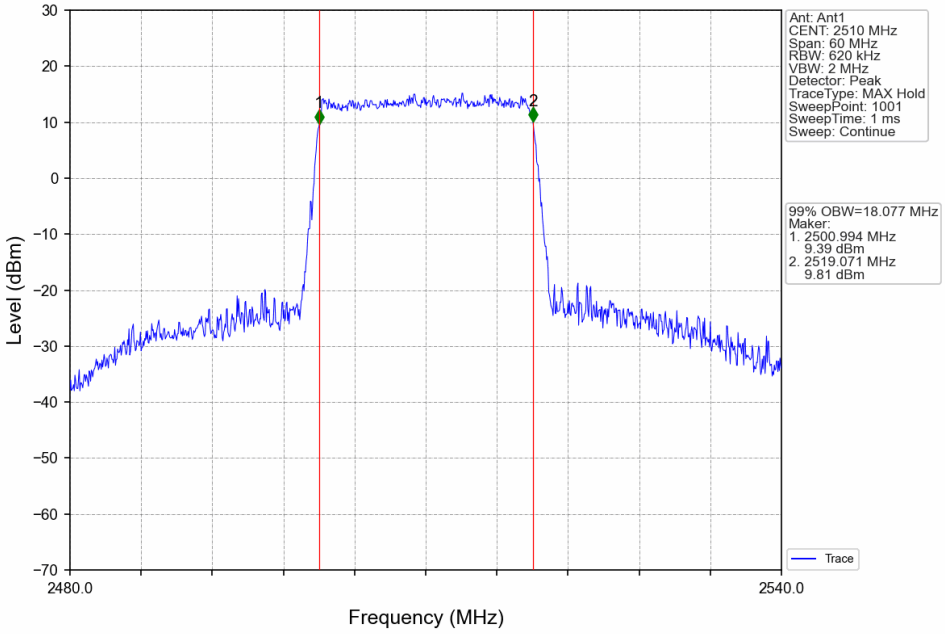
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



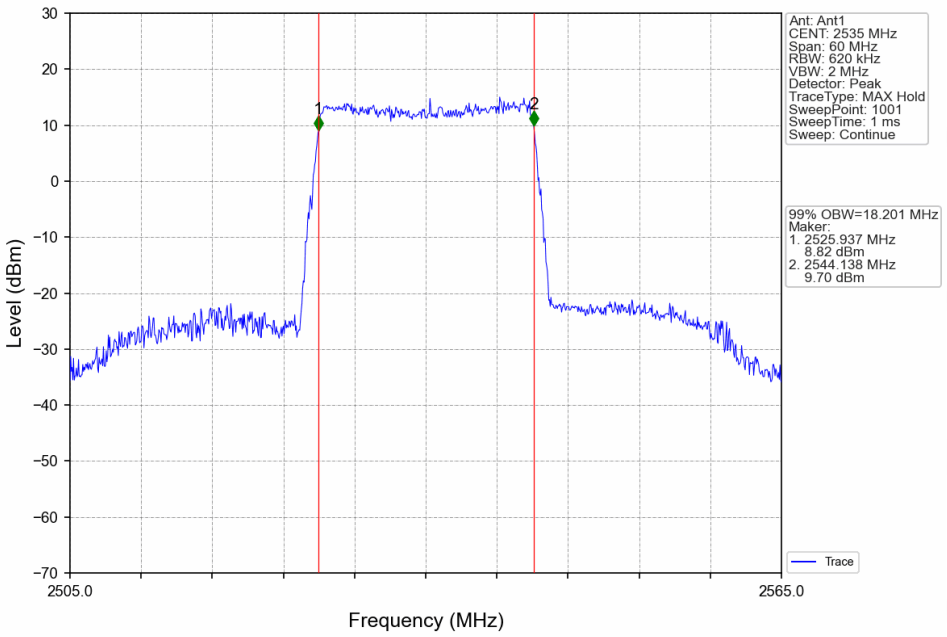
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



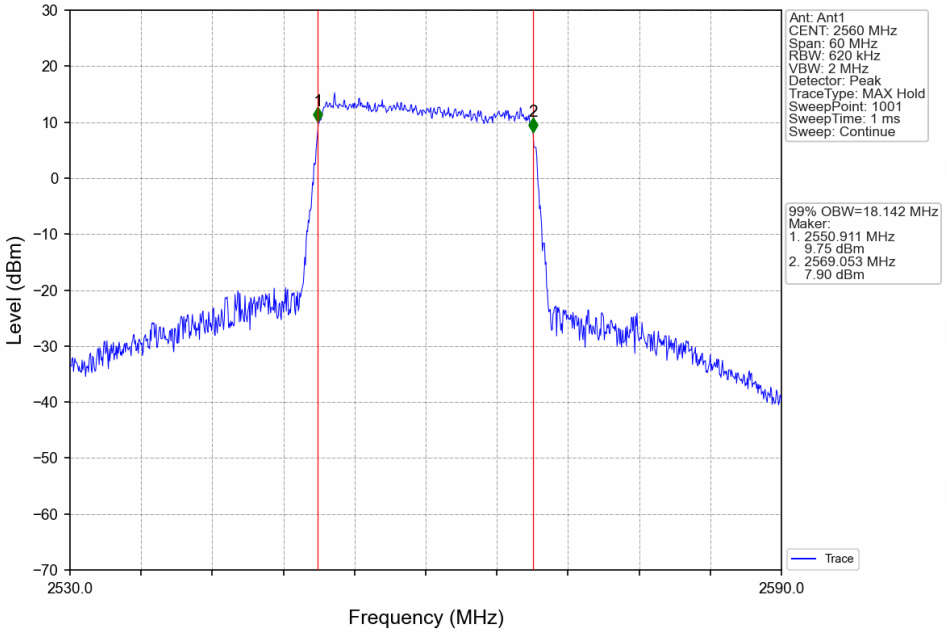
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



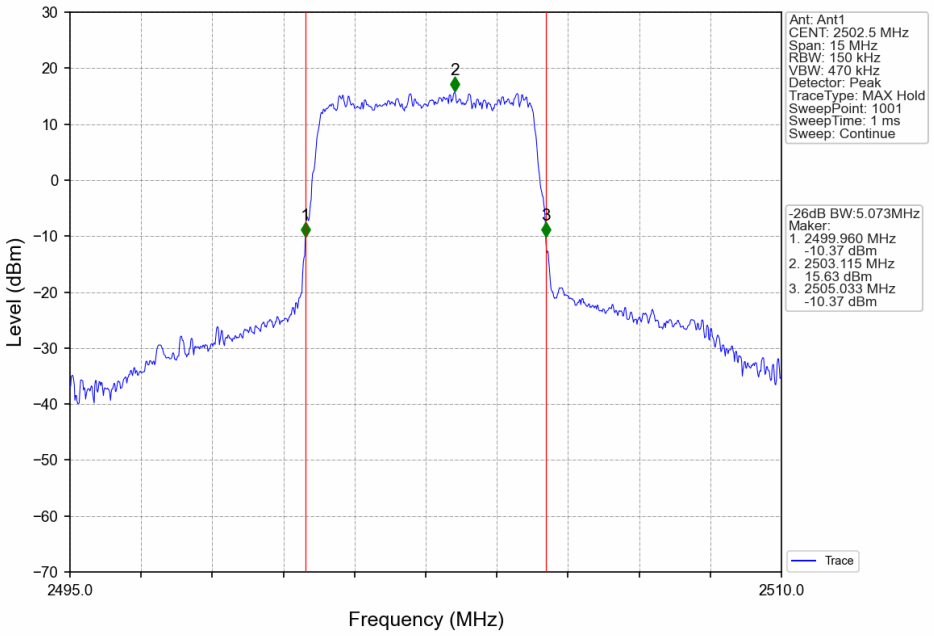
4.2 Band7_XDB

4.2.1 Test Result

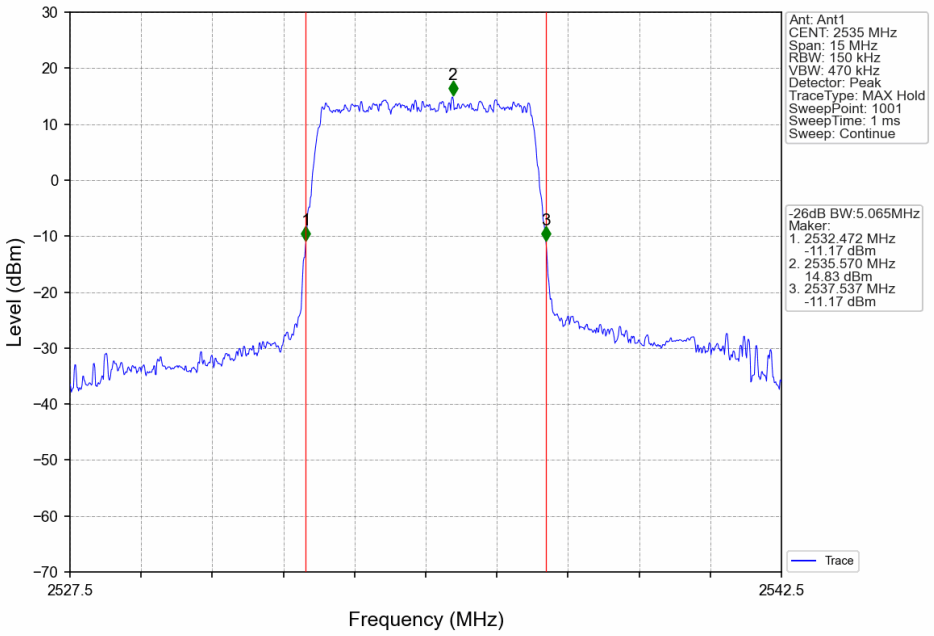
Band: 7 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	5.073	Pass
		2535	25	0	5.065	Pass
		2567.5	25	0	5.045	Pass
	16QAM	2502.5	25	0	5.083	Pass
		2535	25	0	5.087	Pass
		2567.5	25	0	5.085	Pass
10	QPSK	2505	50	0	10.079	Pass
		2535	50	0	10.038	Pass
		2565	50	0	10.040	Pass
	16QAM	2505	50	0	10.034	Pass
		2535	50	0	9.979	Pass
		2565	50	0	10.026	Pass
15	QPSK	2507.5	75	0	15.140	Pass
		2535	75	0	15.127	Pass
		2562.5	75	0	15.248	Pass
	16QAM	2507.5	75	0	15.133	Pass
		2535	75	0	15.082	Pass
		2562.5	75	0	15.138	Pass
20	QPSK	2510	100	0	19.998	Pass
		2535	100	0	19.991	Pass
		2560	100	0	19.833	Pass
	16QAM	2510	100	0	19.952	Pass
		2535	100	0	20.239	Pass
		2560	100	0	19.880	Pass

4.2.2 Test Graph

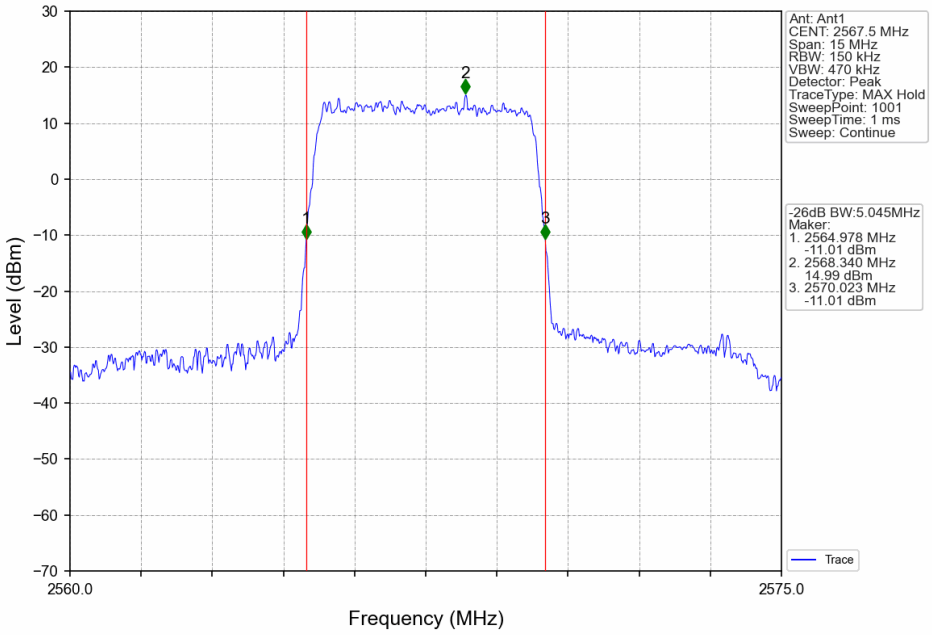
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



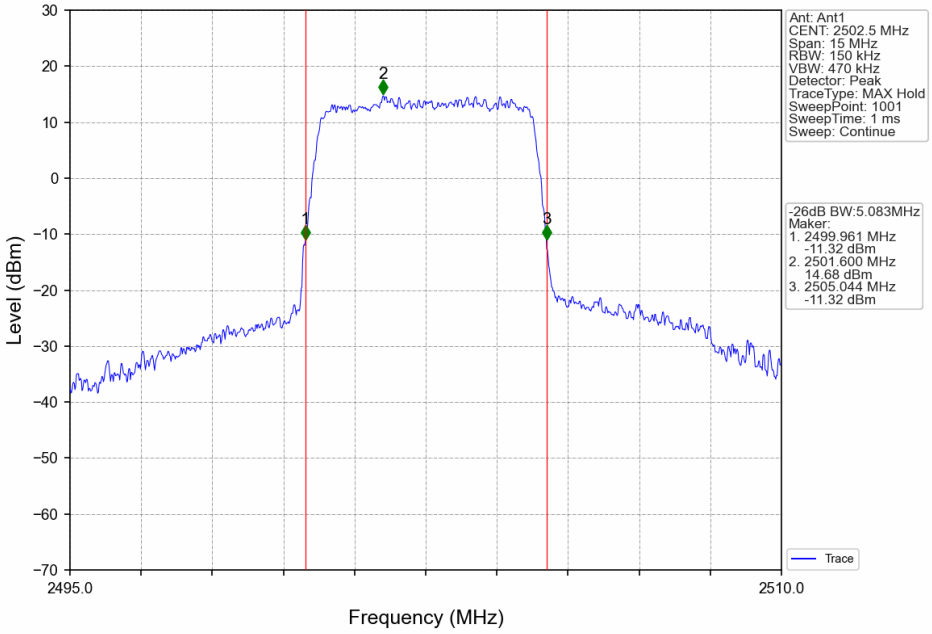
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



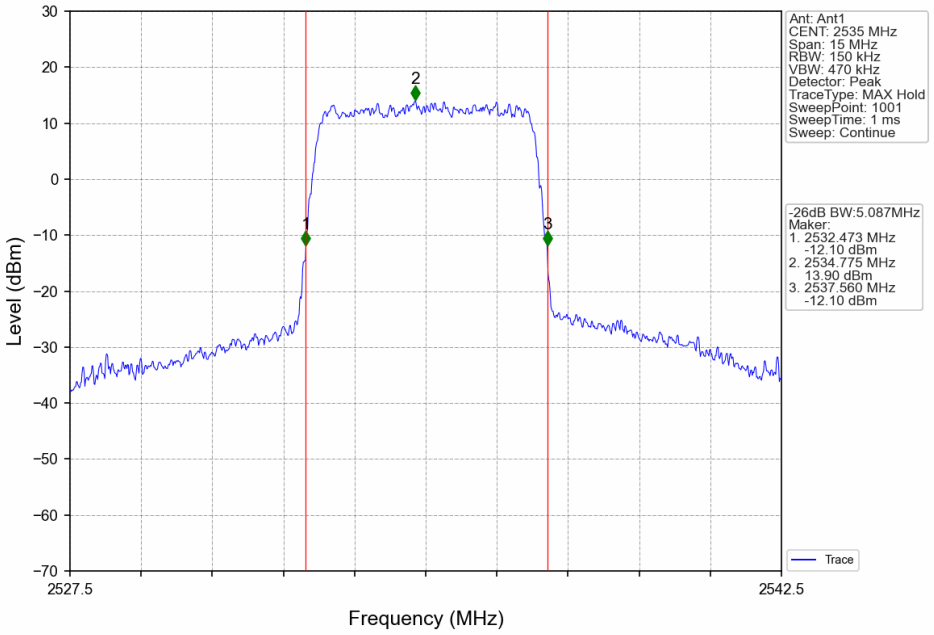
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



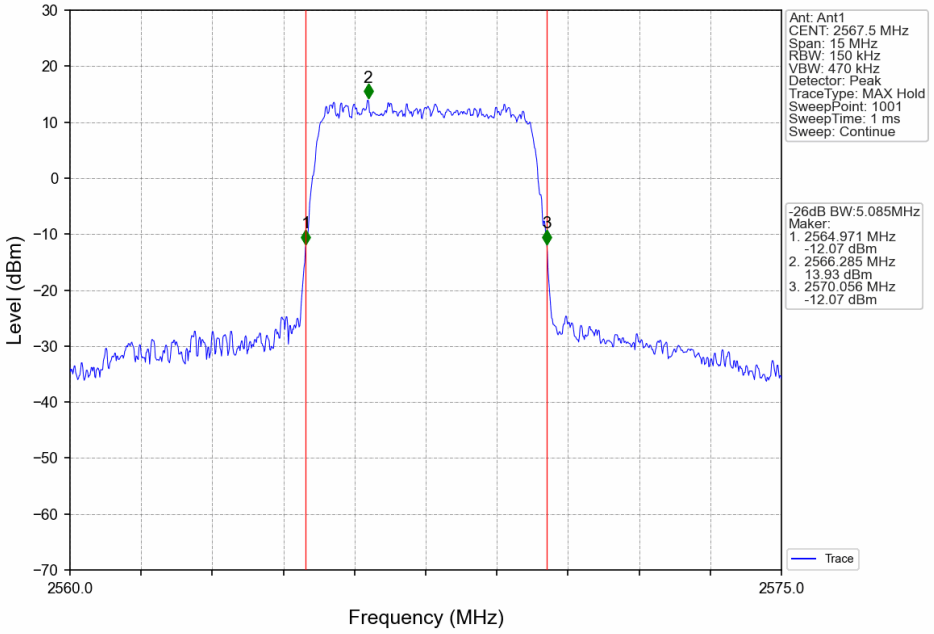
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



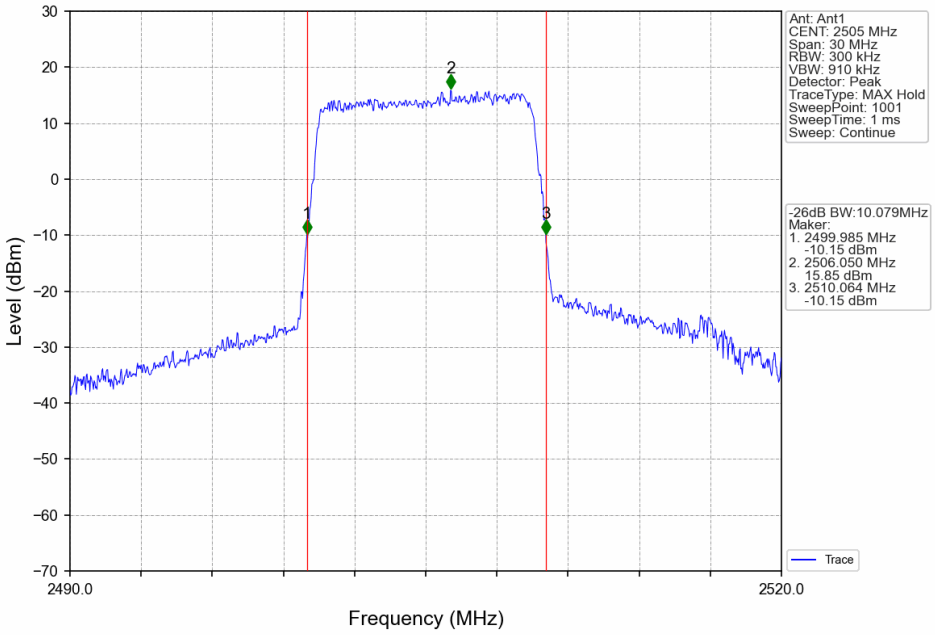
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



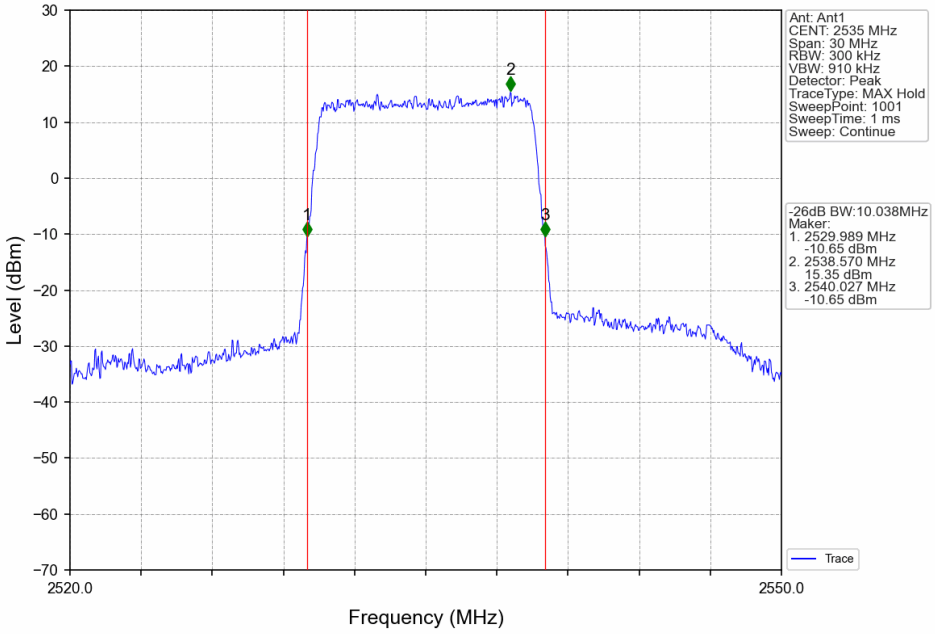
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



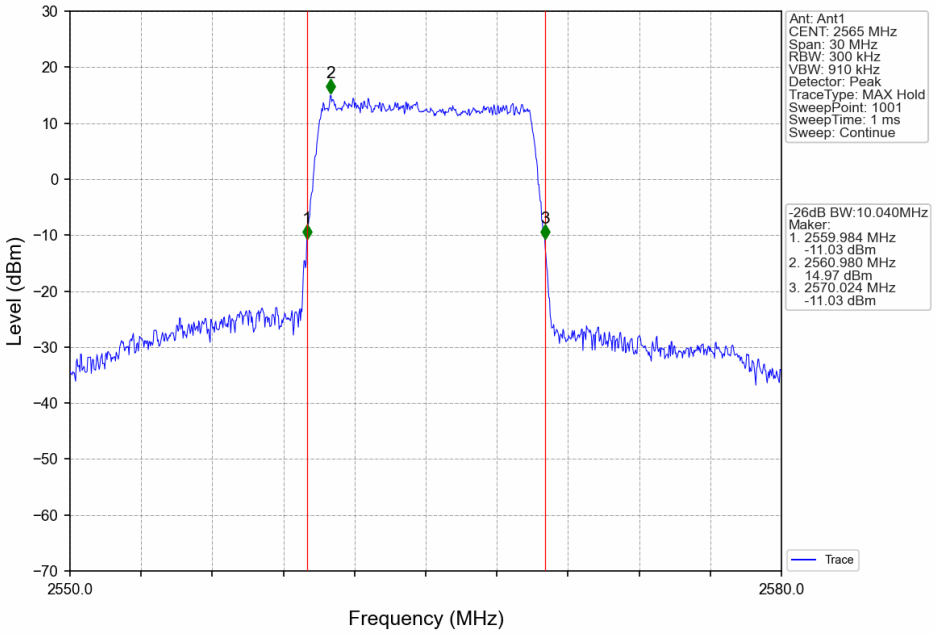
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



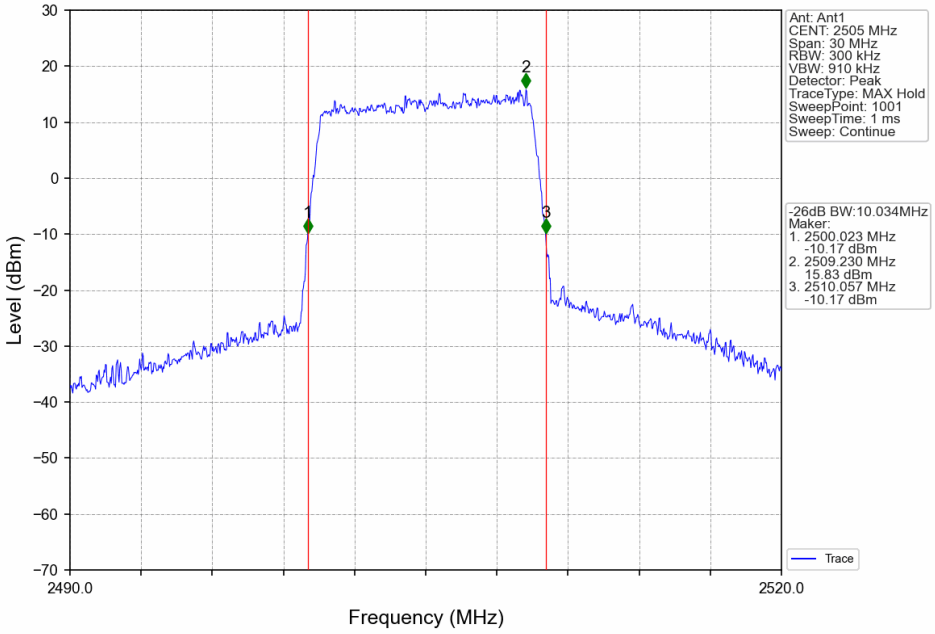
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



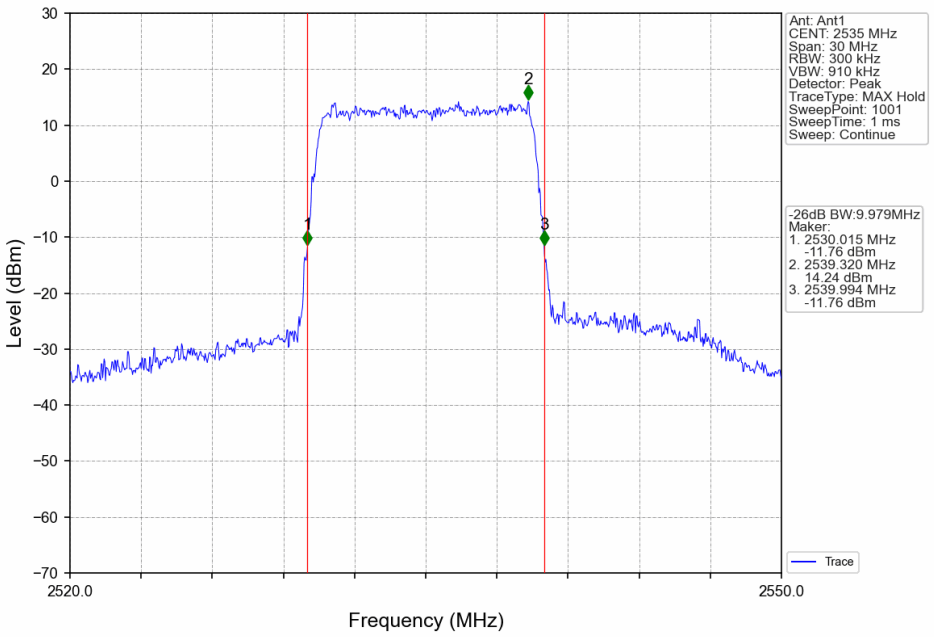
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



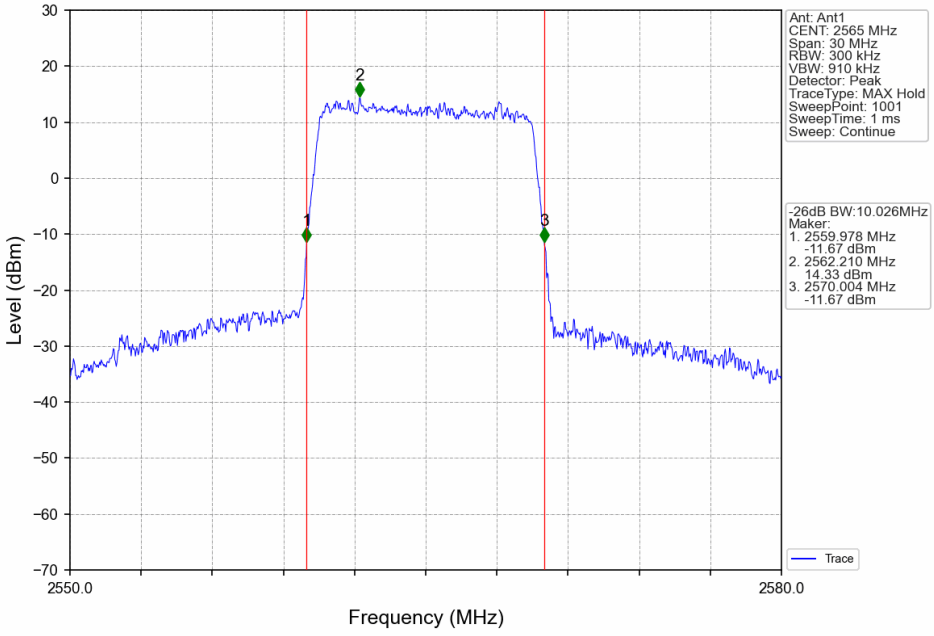
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



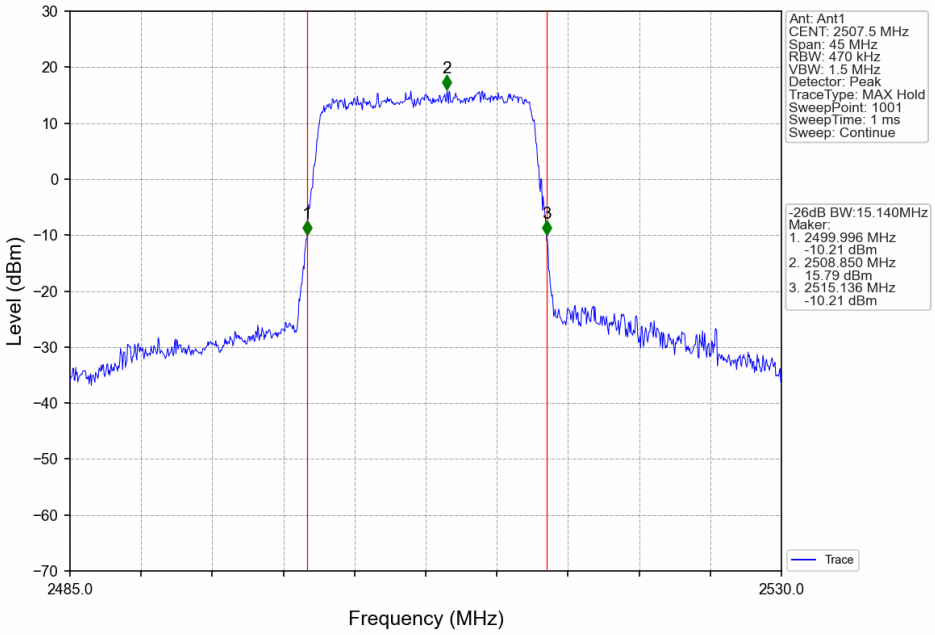
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



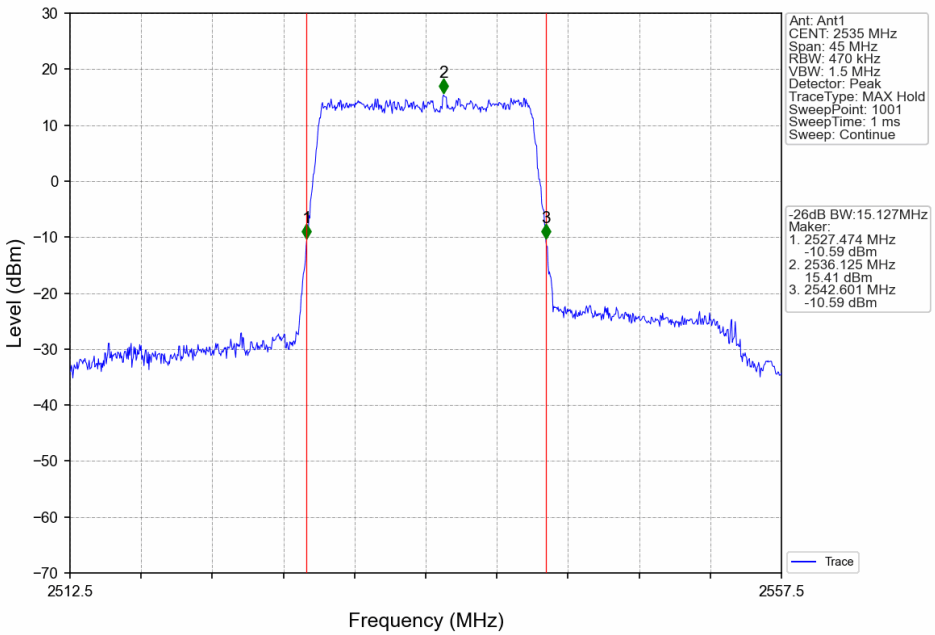
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



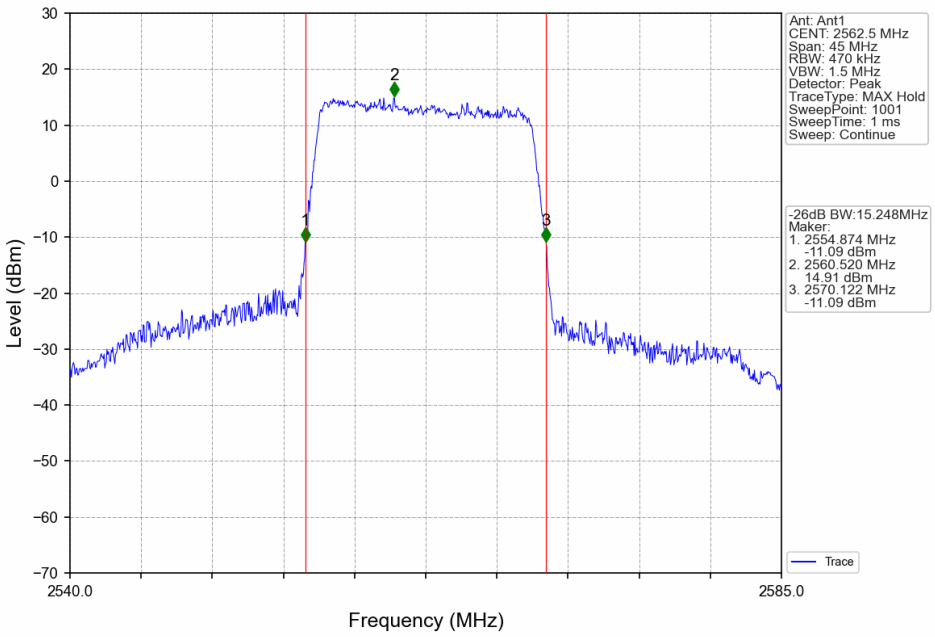
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



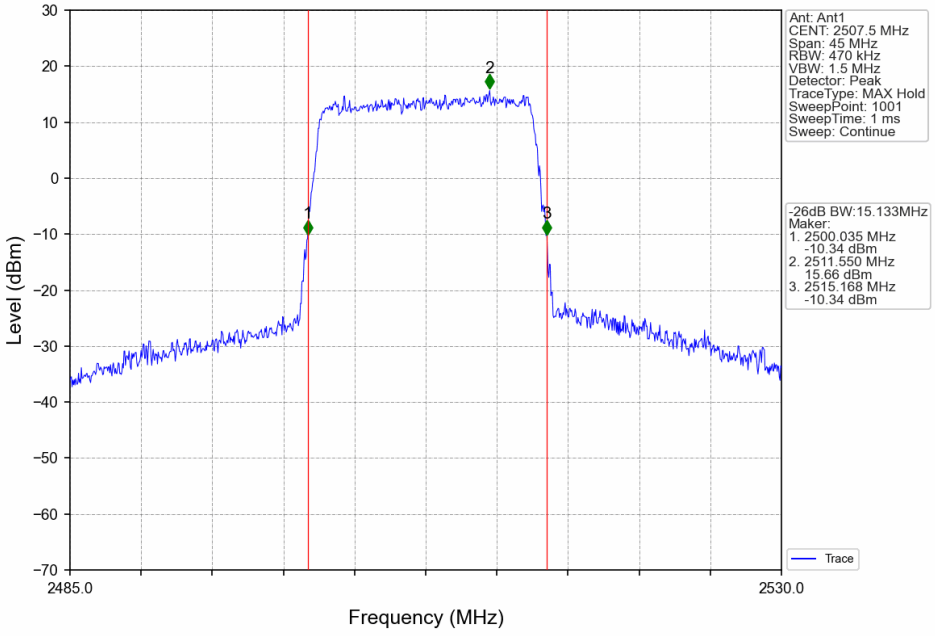
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



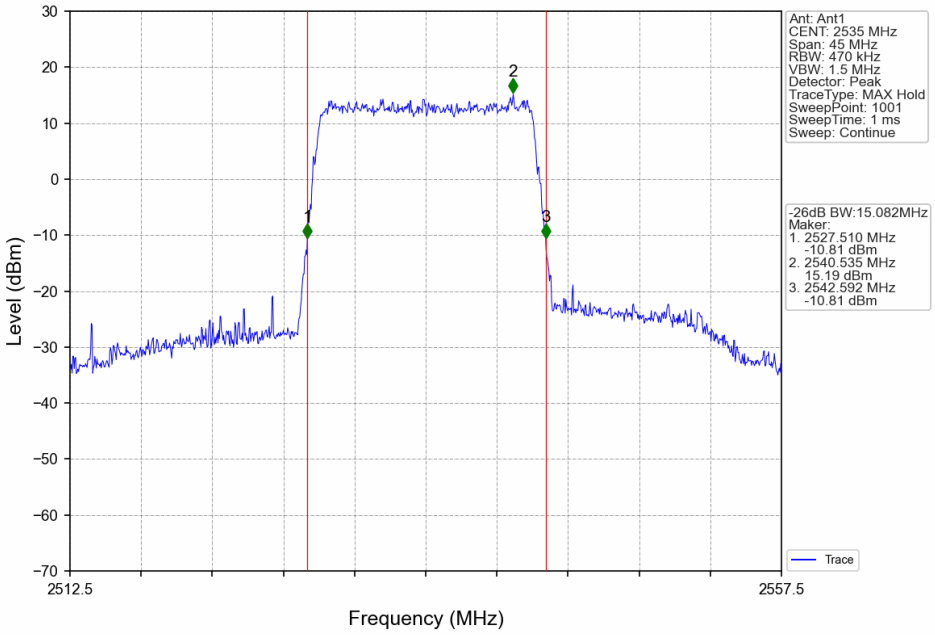
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



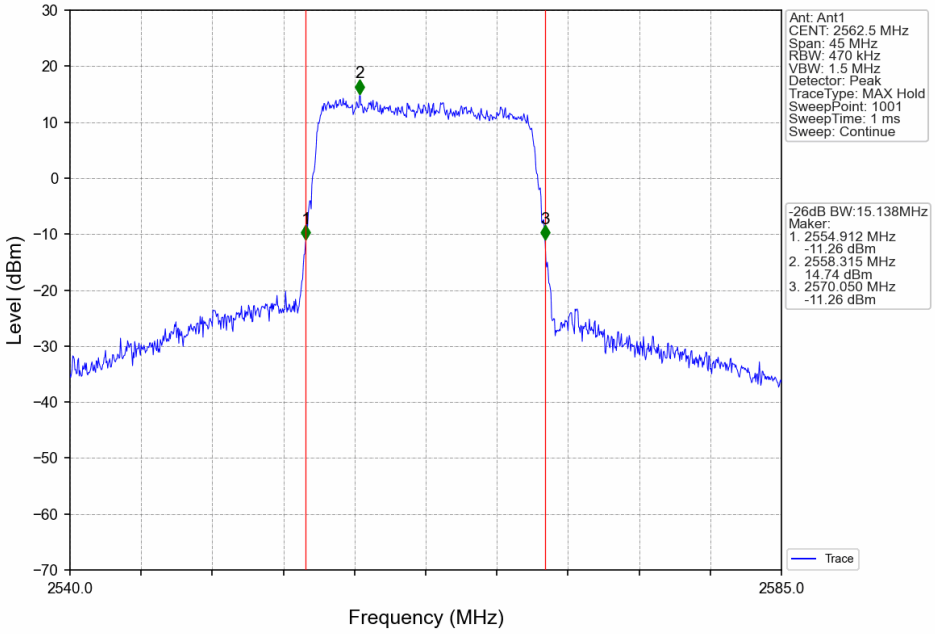
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



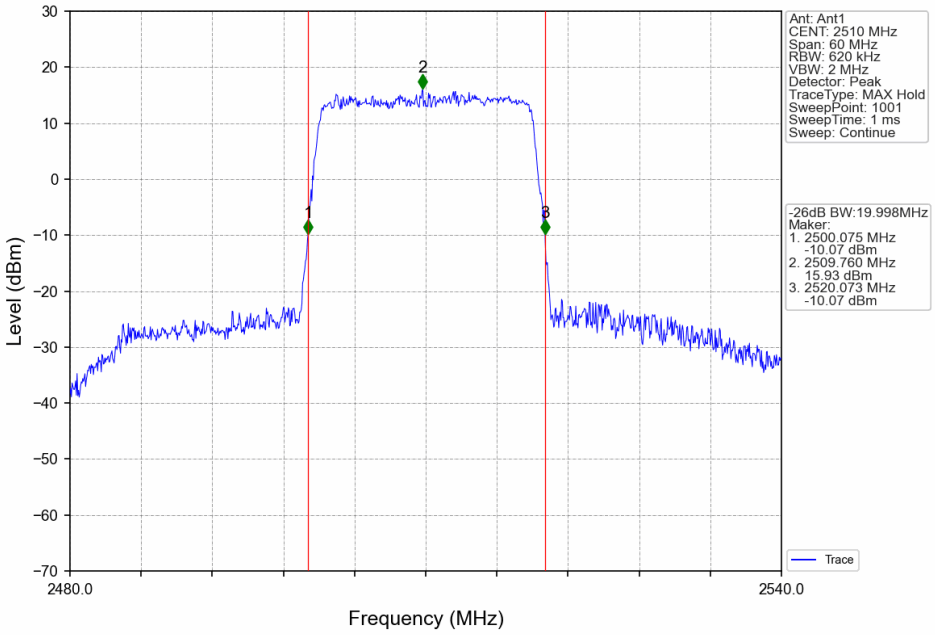
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



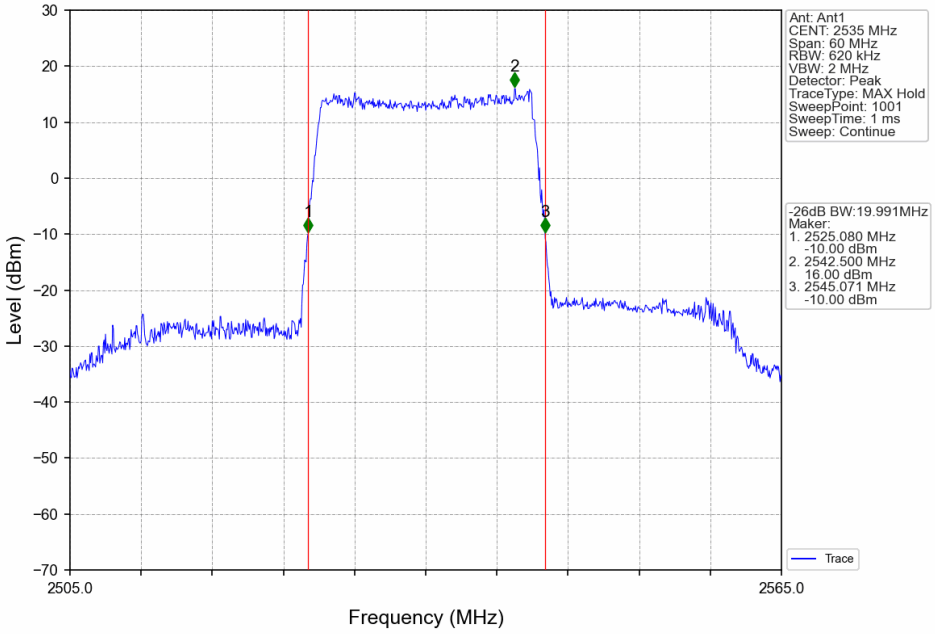
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



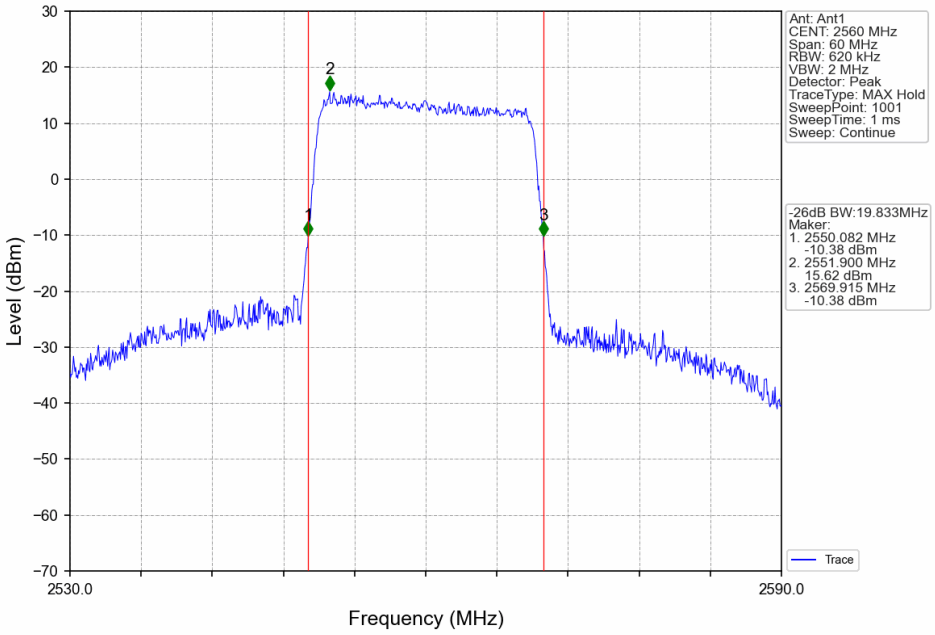
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



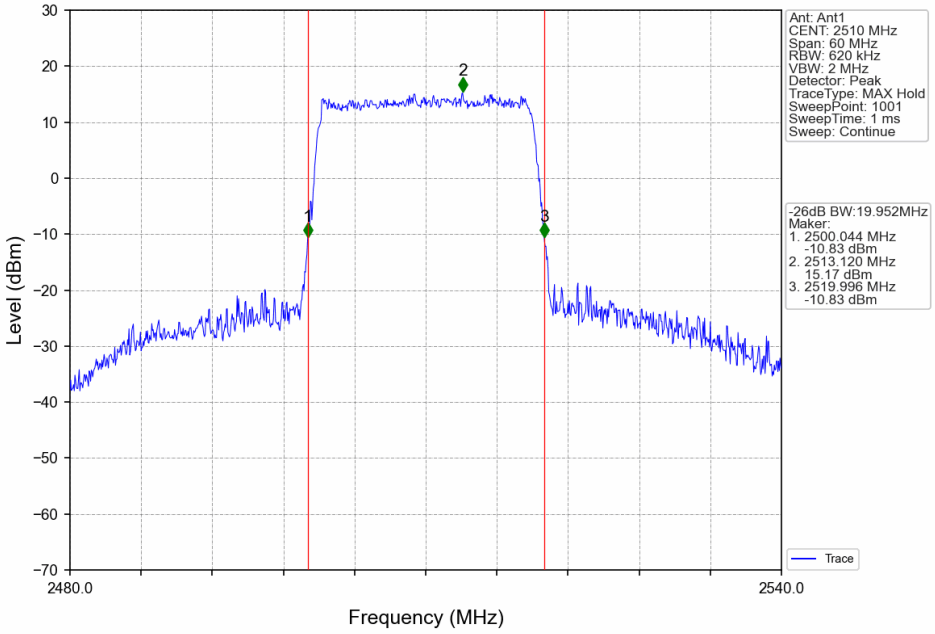
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



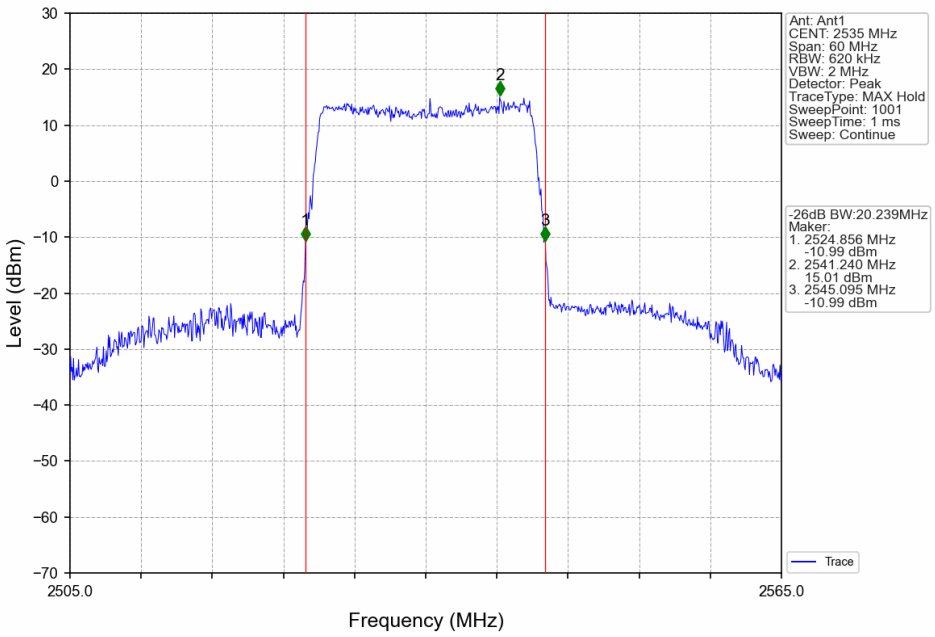
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



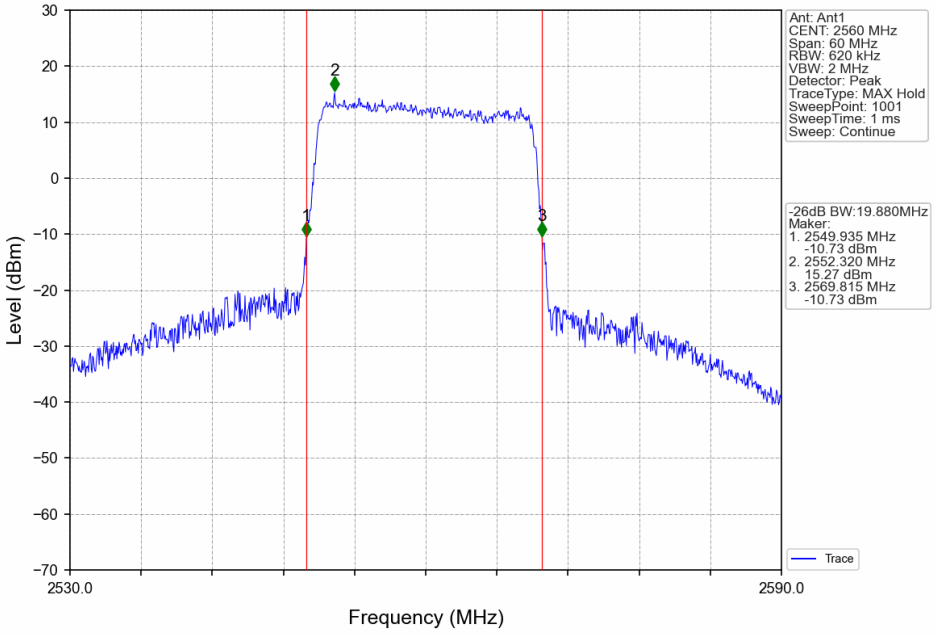
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



5. Peak-Average Ratio

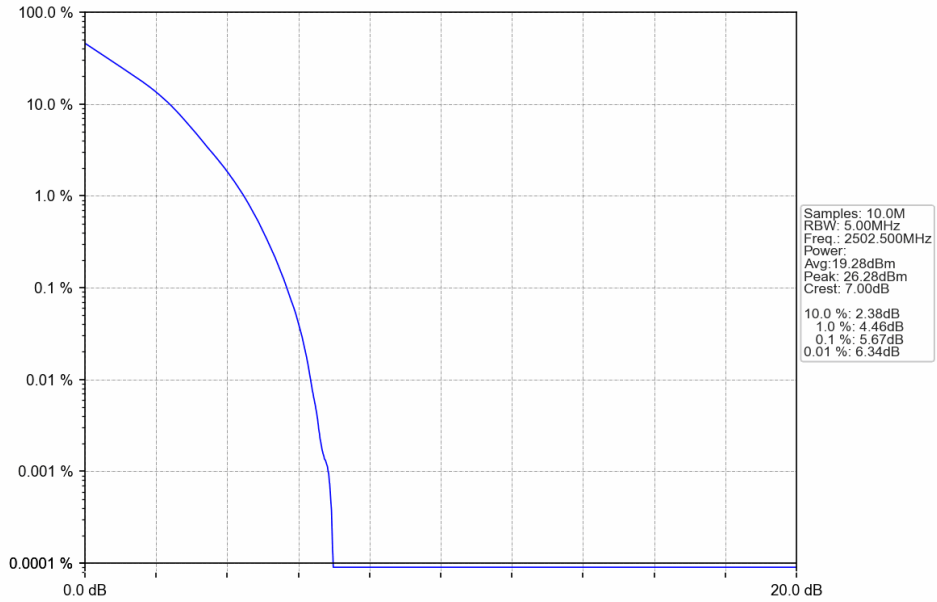
5.1 B7_5MHz

5.1.1 Test Result

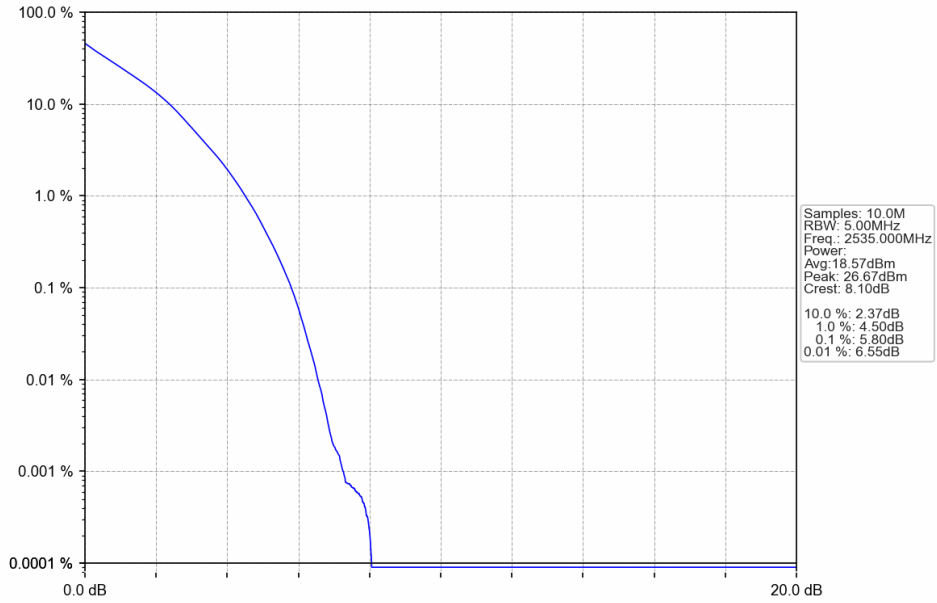
Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	25	0	5.67	<=13	Pass
	2535	25	0	5.80	<=13	Pass
	2567.5	25	0	5.72	<=13	Pass
16QAM	2502.5	25	0	6.47	<=13	Pass
	2535	25	0	6.55	<=13	Pass
	2567.5	25	0	6.42	<=13	Pass

5.1.2 Test Graph

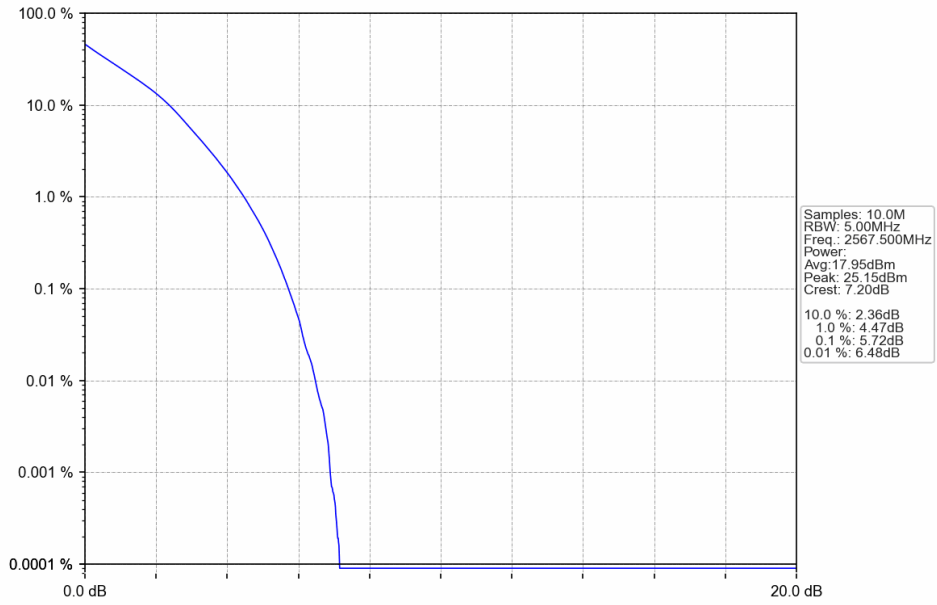
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



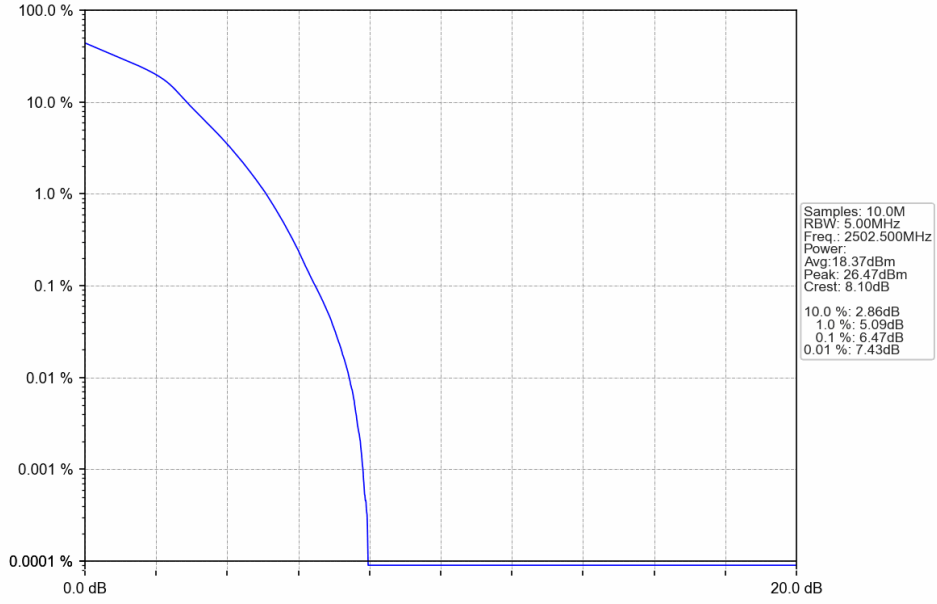
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



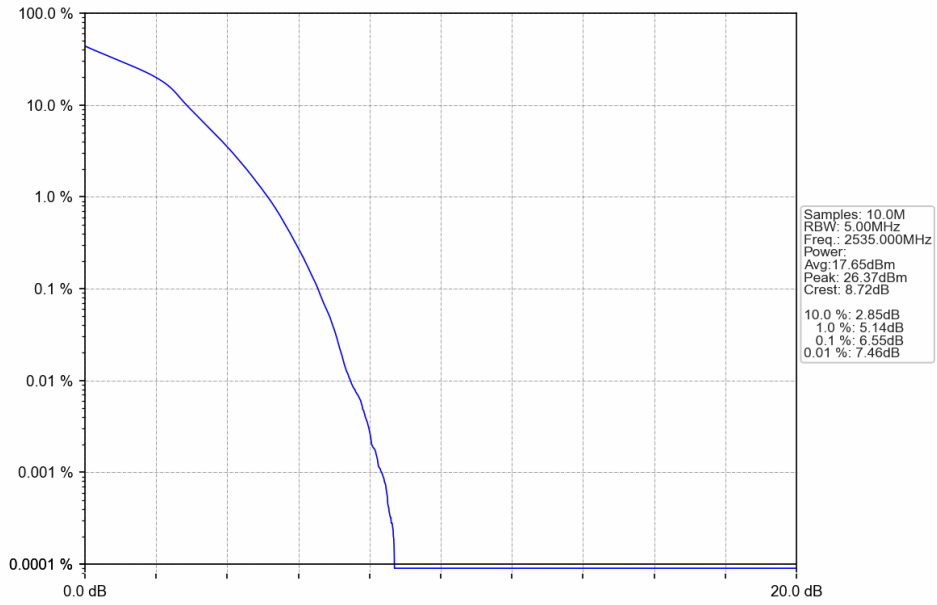
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



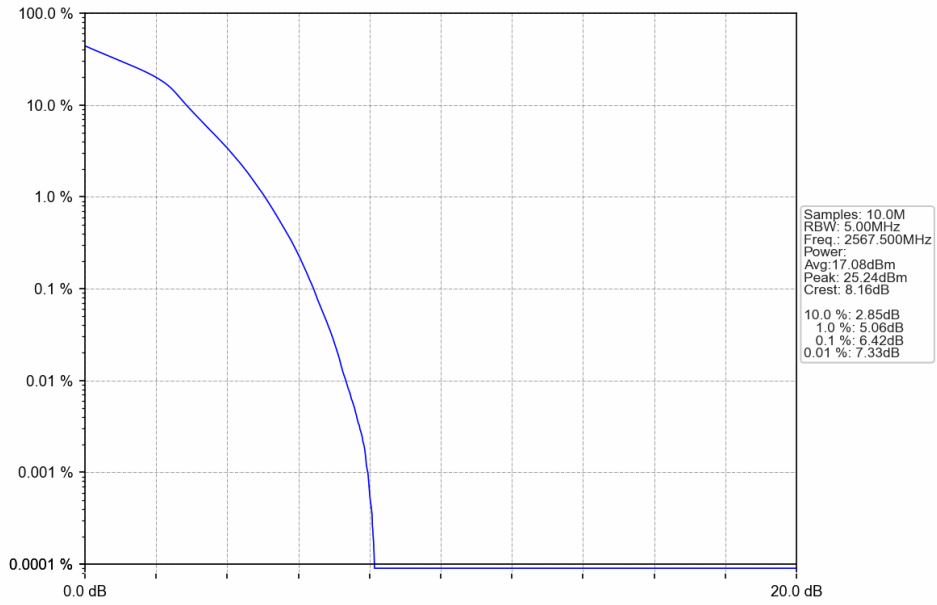
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



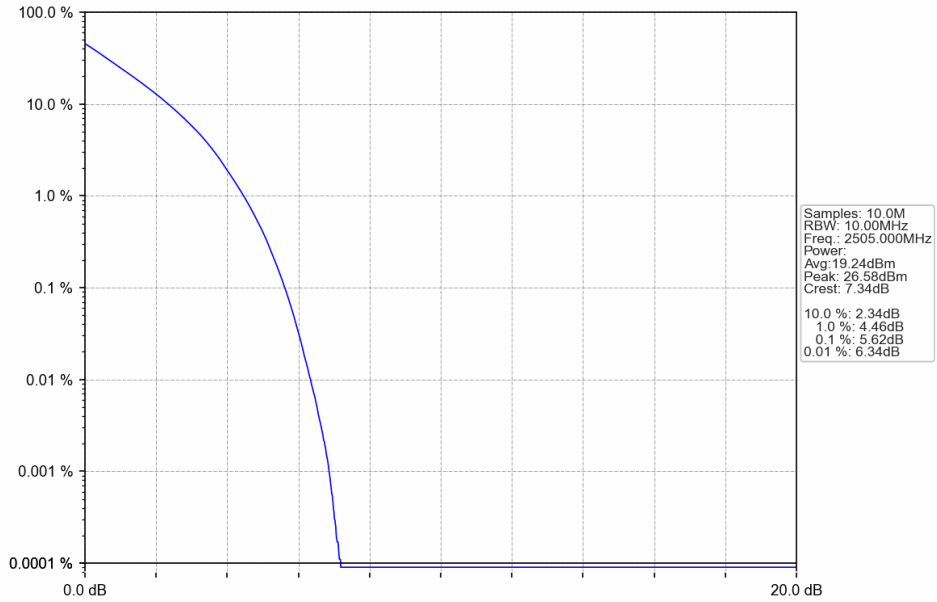
5.2 B7_10MHz

5.2.1 Test Result

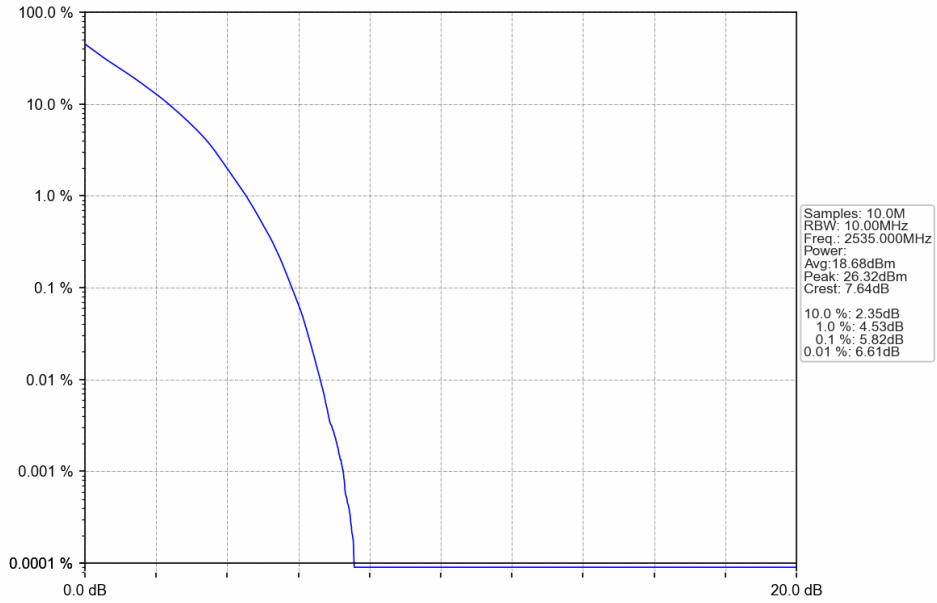
Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	50	0	5.62	<=13	Pass
	2535	50	0	5.82	<=13	Pass
	2565	50	0	5.69	<=13	Pass
16QAM	2505	50	0	6.40	<=13	Pass
	2535	50	0	6.60	<=13	Pass
	2565	50	0	6.35	<=13	Pass

5.2.2 Test Graph

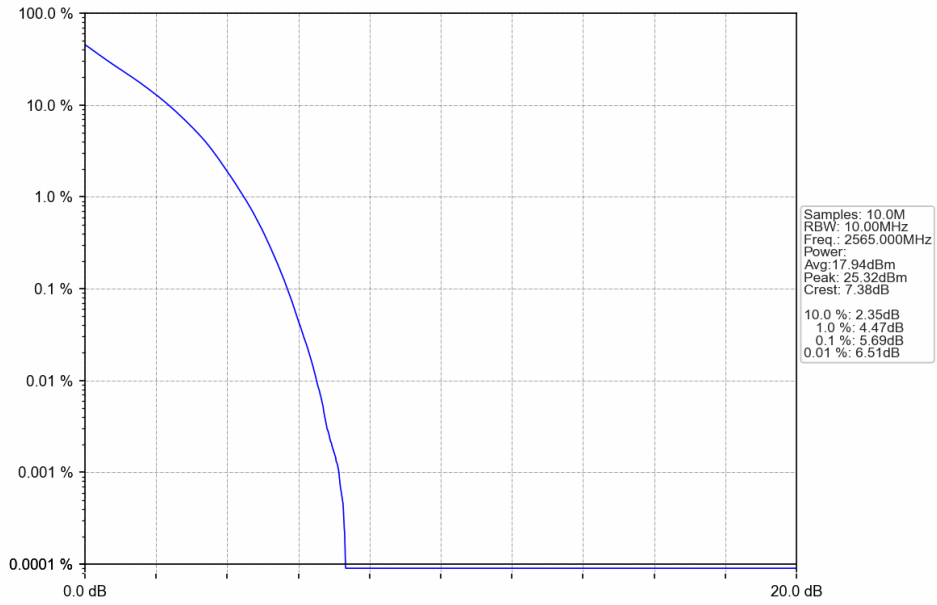
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



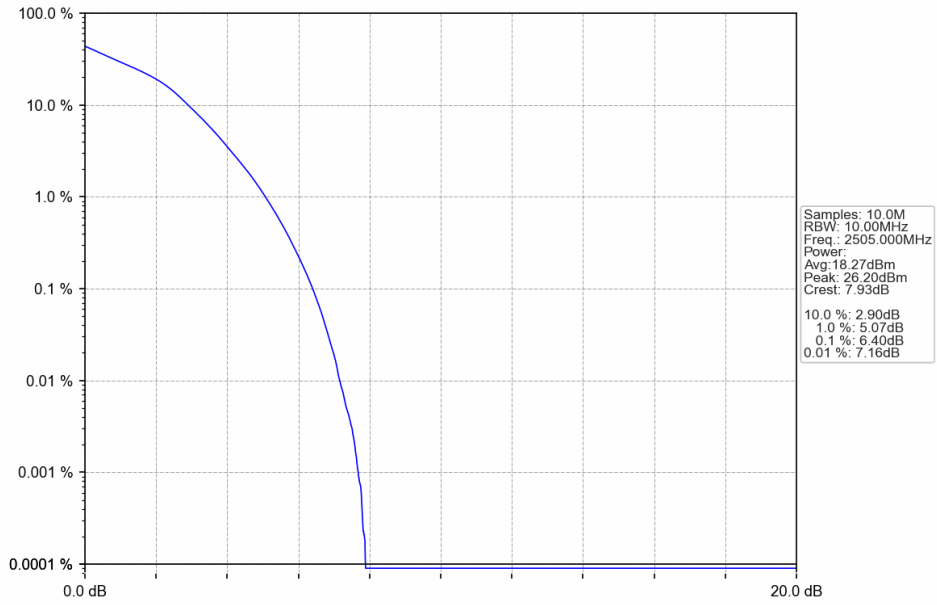
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



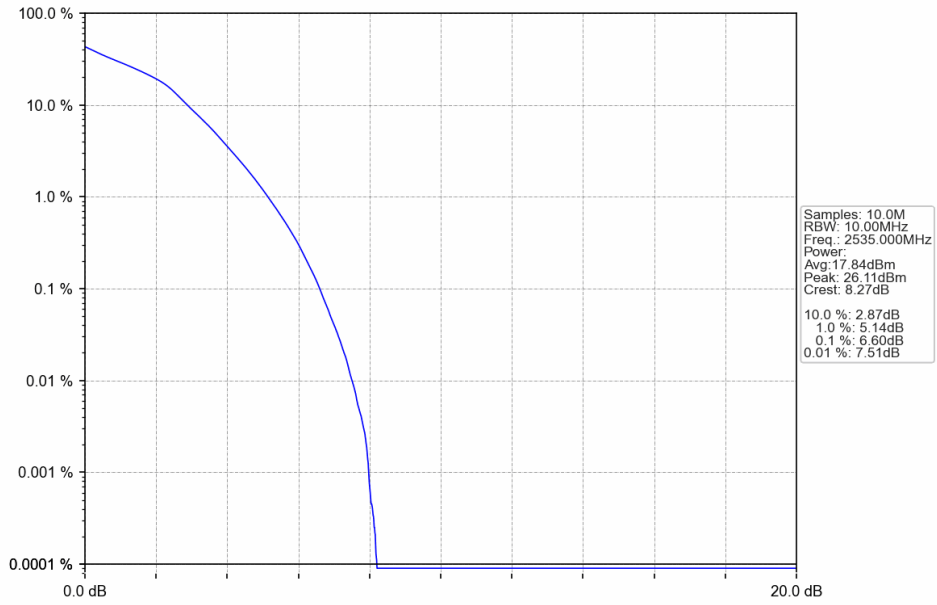
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



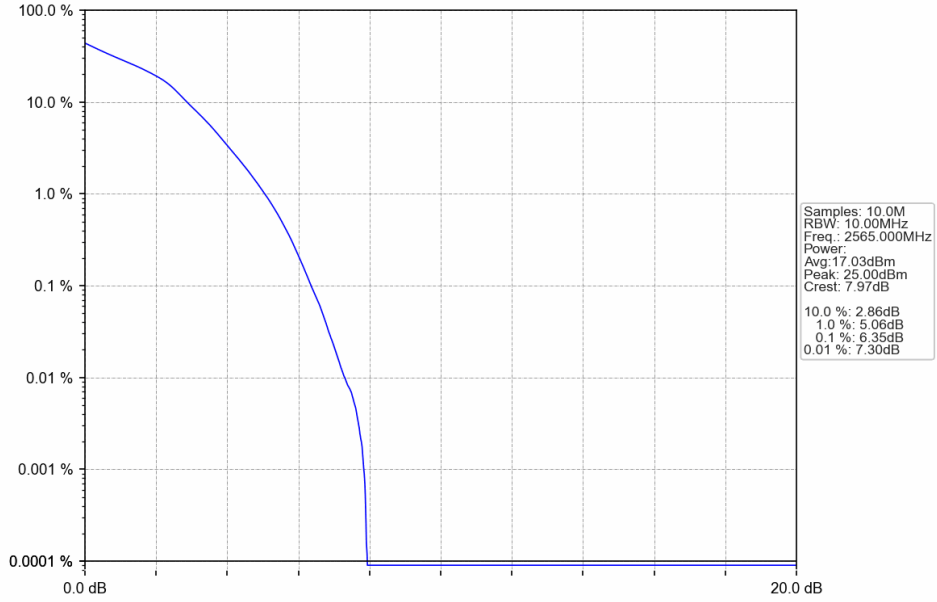
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



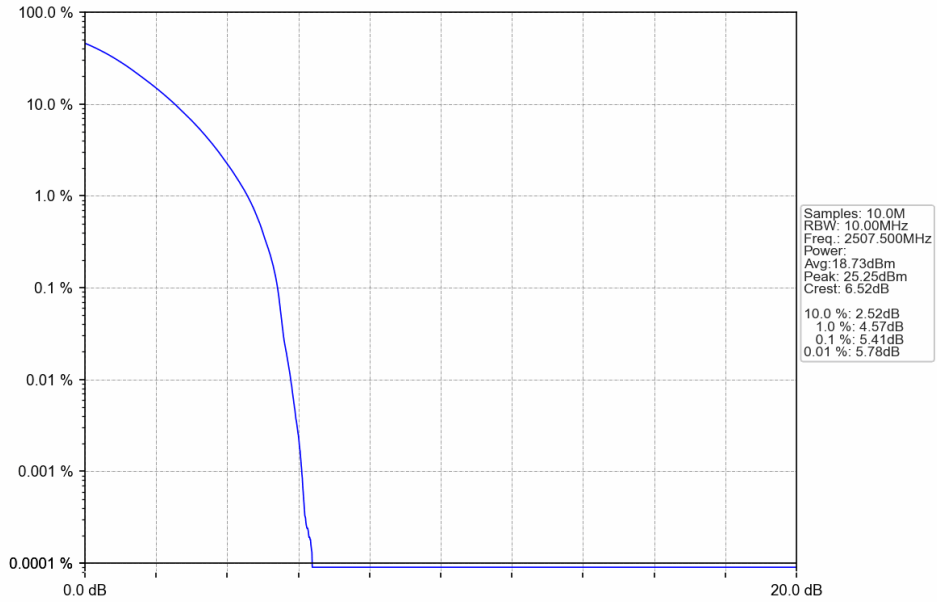
5.3 B7_15MHz

5.3.1 Test Result

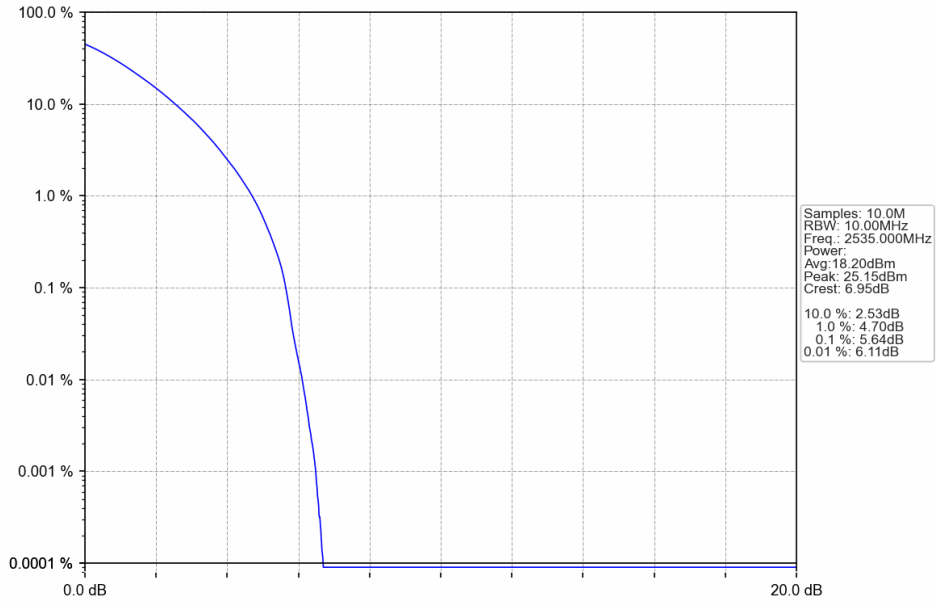
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	5.41	<=13	Pass
	2535	75	0	5.64	<=13	Pass
	2562.5	75	0	5.44	<=13	Pass
16QAM	2507.5	75	0	6.17	<=13	Pass
	2535	75	0	6.39	<=13	Pass
	2562.5	75	0	6.17	<=13	Pass

5.3.2 Test Graph

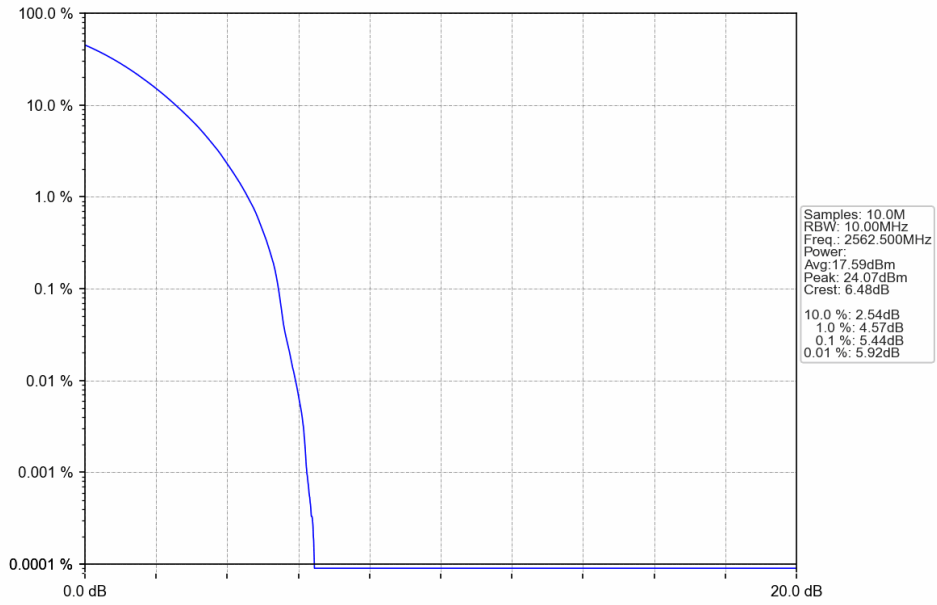
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



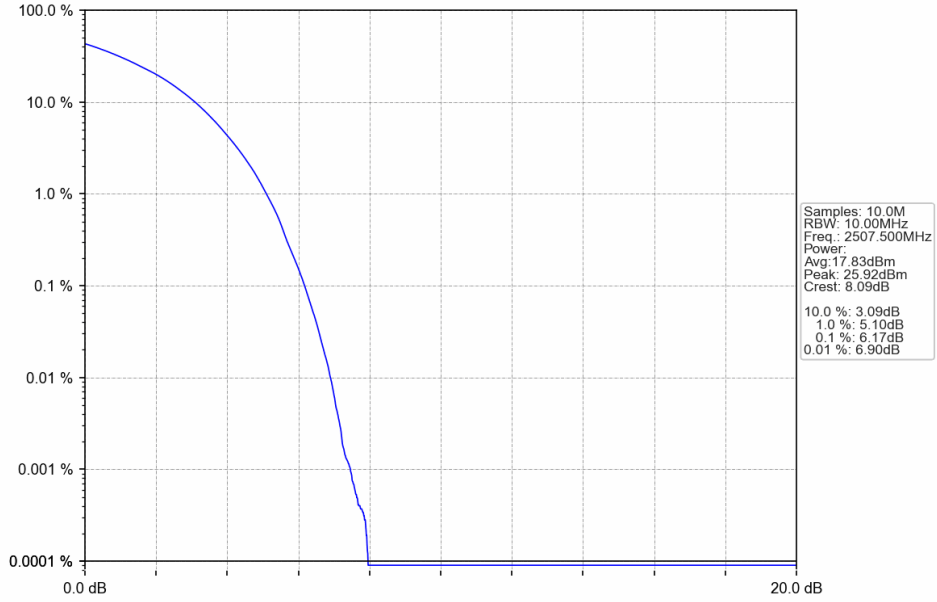
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



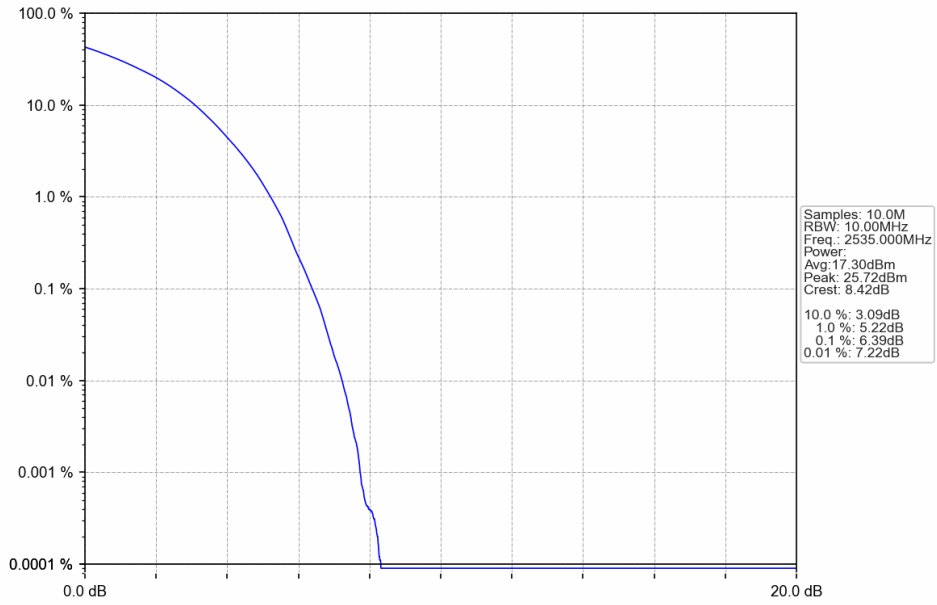
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



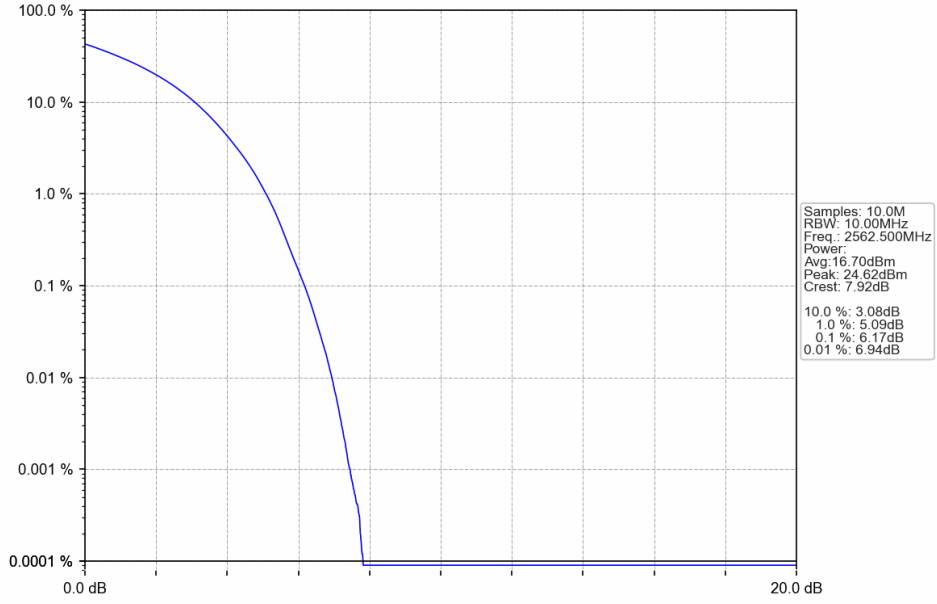
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



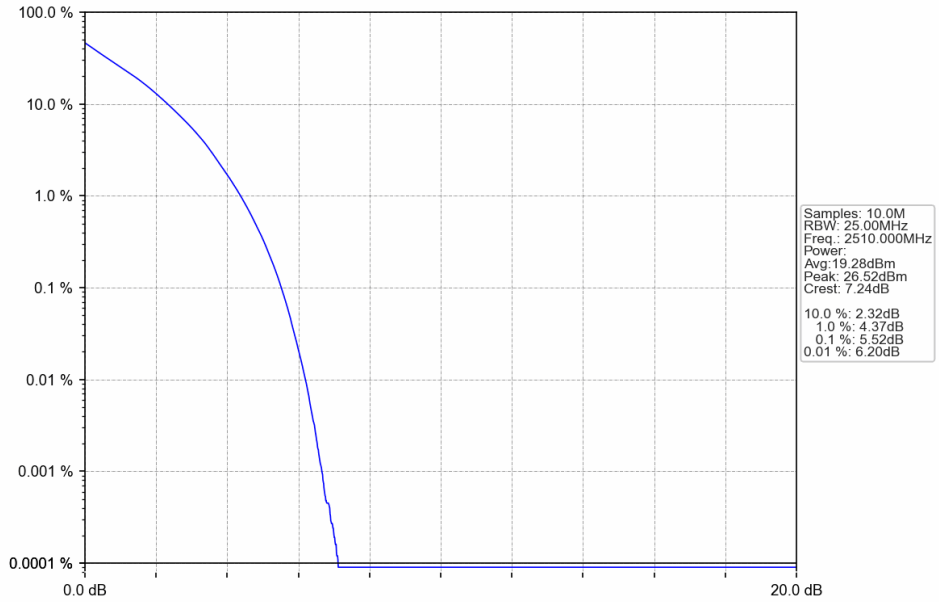
5.4 B7_20MHz

5.4.1 Test Result

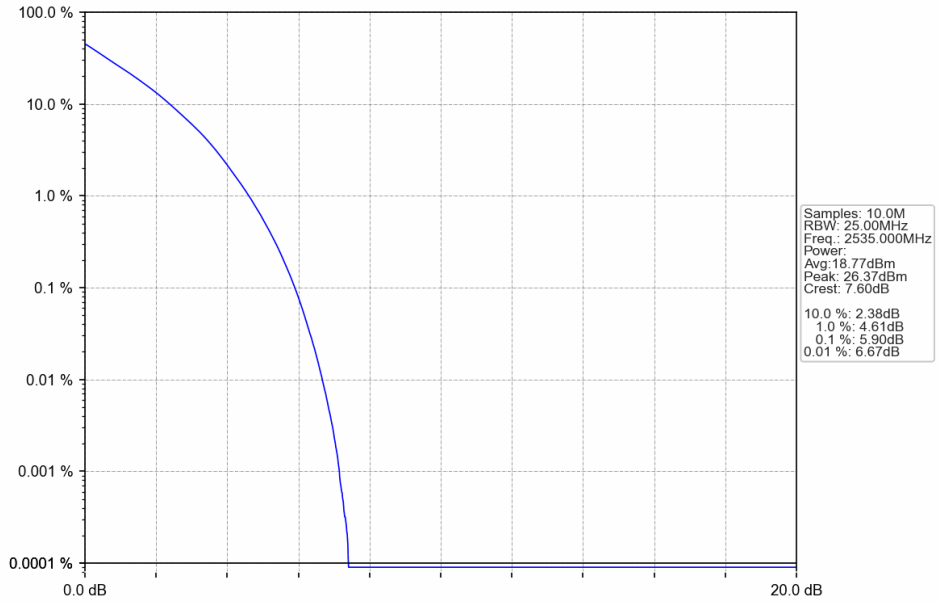
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.52	<=13	Pass
	2535	100	0	5.90	<=13	Pass
	2560	100	0	5.59	<=13	Pass
16QAM	2510	100	0	6.20	<=13	Pass
	2535	100	0	6.61	<=13	Pass
	2560	100	0	6.30	<=13	Pass

5.4.2 Test Graph

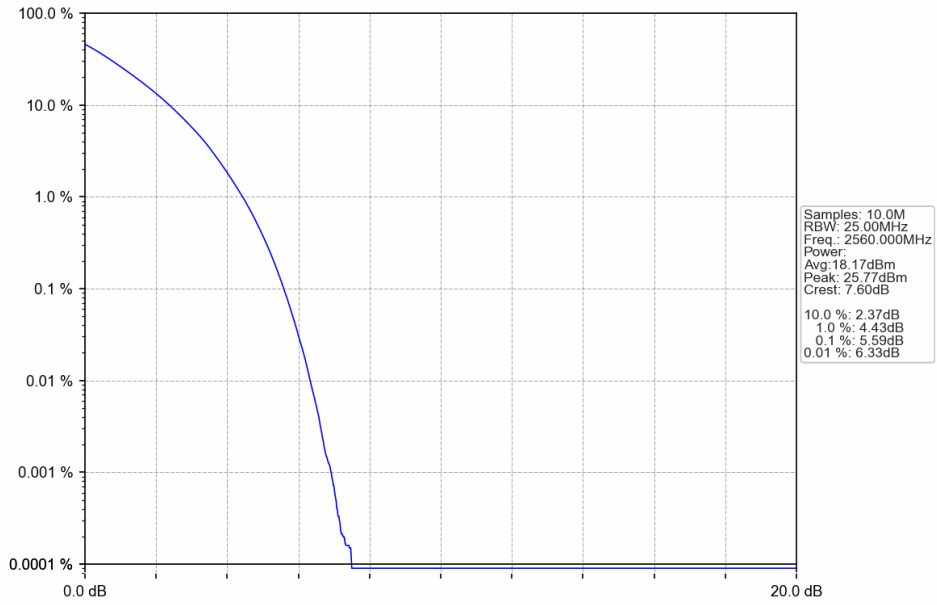
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



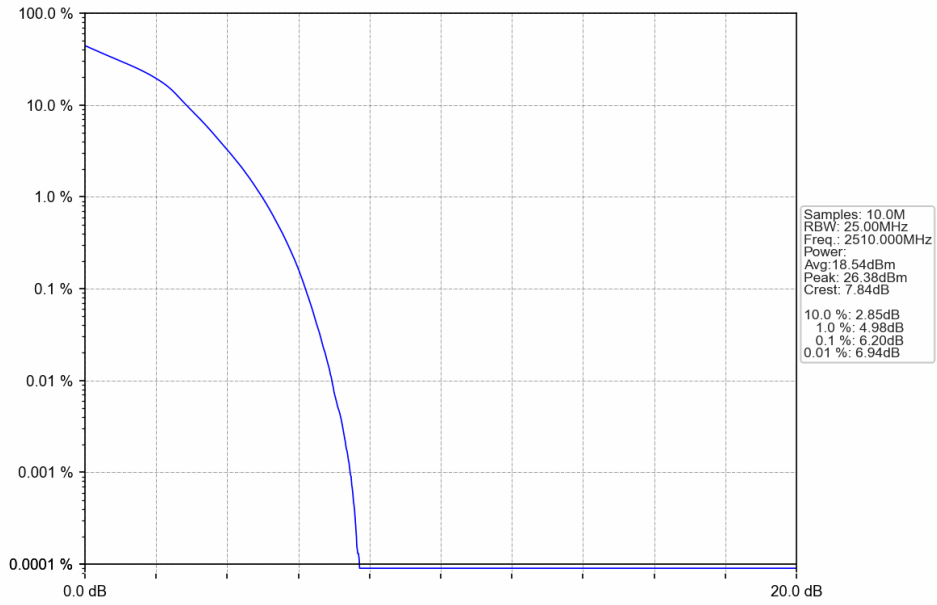
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



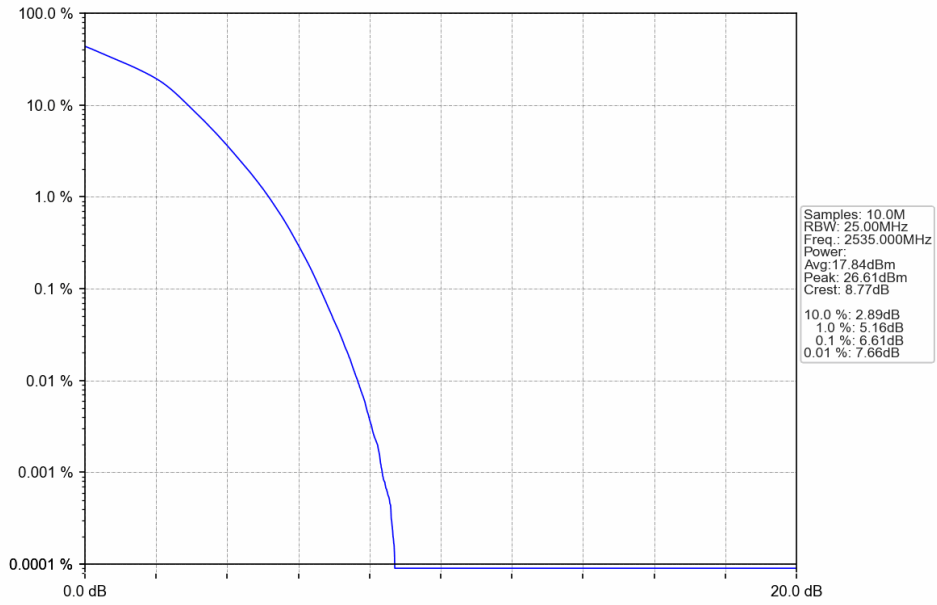
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



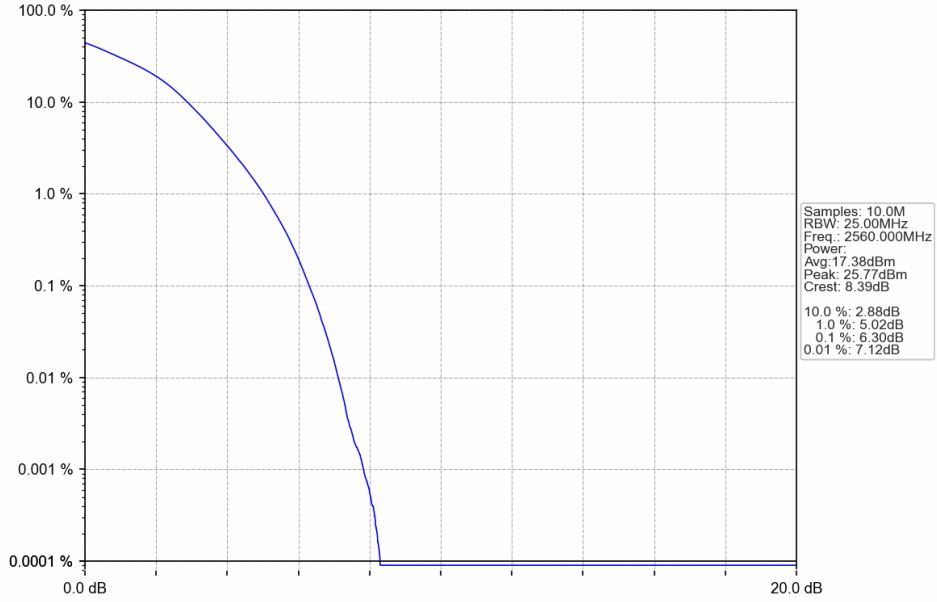
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



6. Spurious Emission

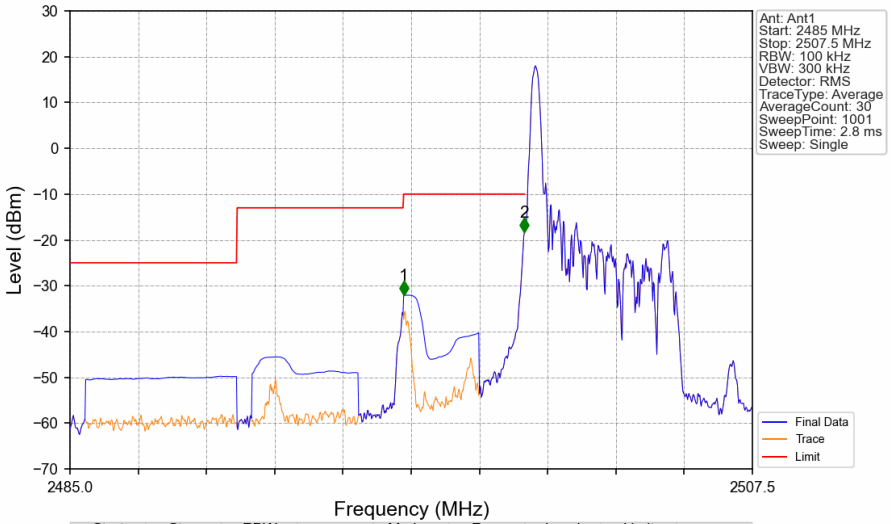
6.1 B7_5MHz

6.1.1 Test Result

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

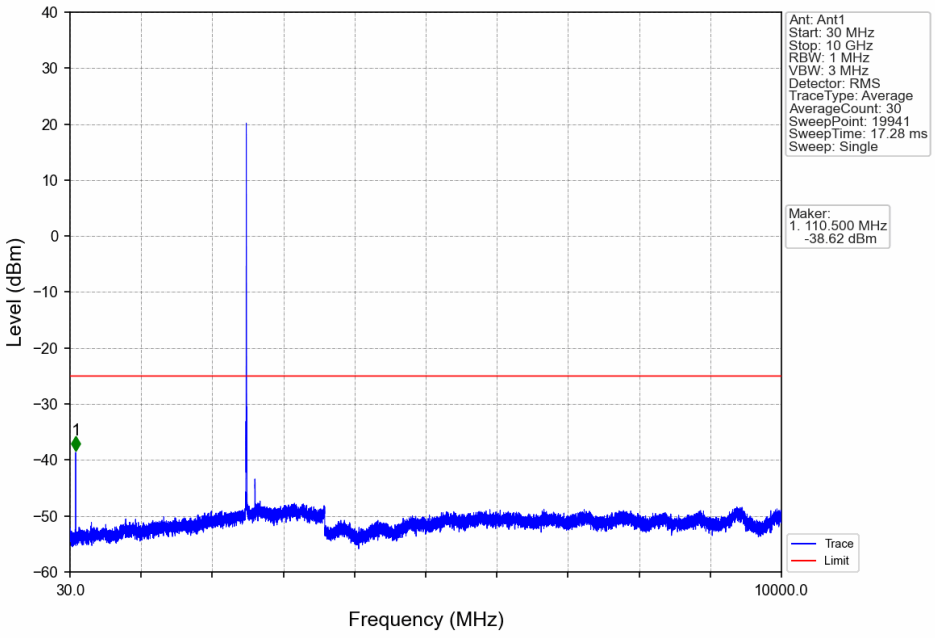
6.1.2 Test Graph

Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

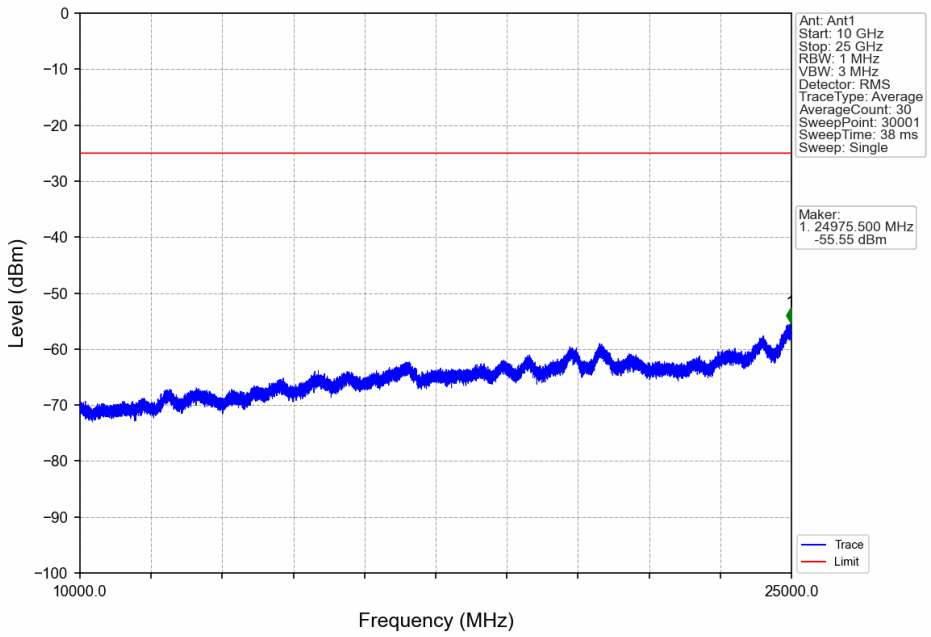


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2496.003	-32.08	-10	Pass
2499	2500	0.1	/	2	2499.985	-18.36	-10	Pass
2500	2507.5	0.1	/	/	/	/	/	/

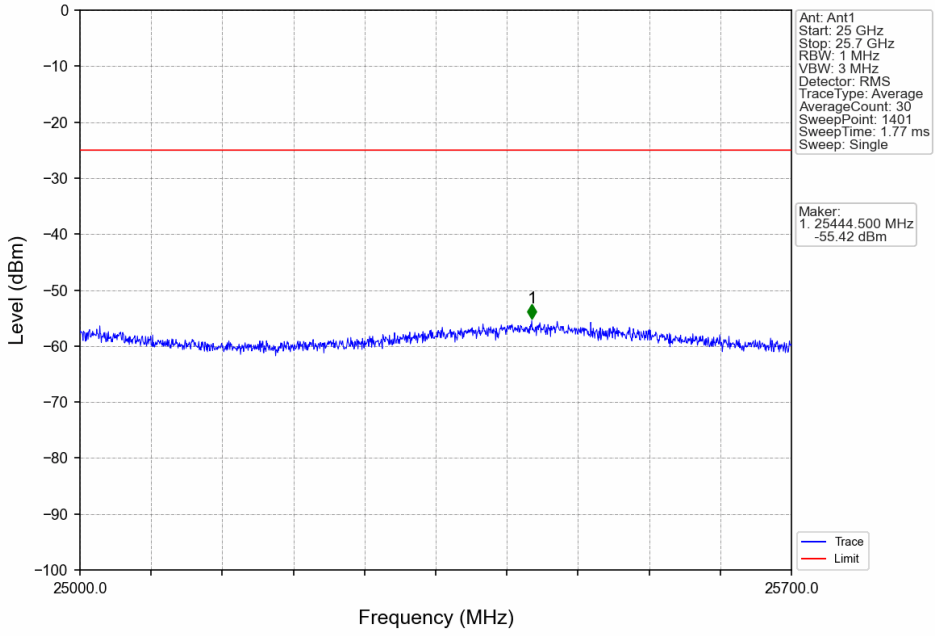
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



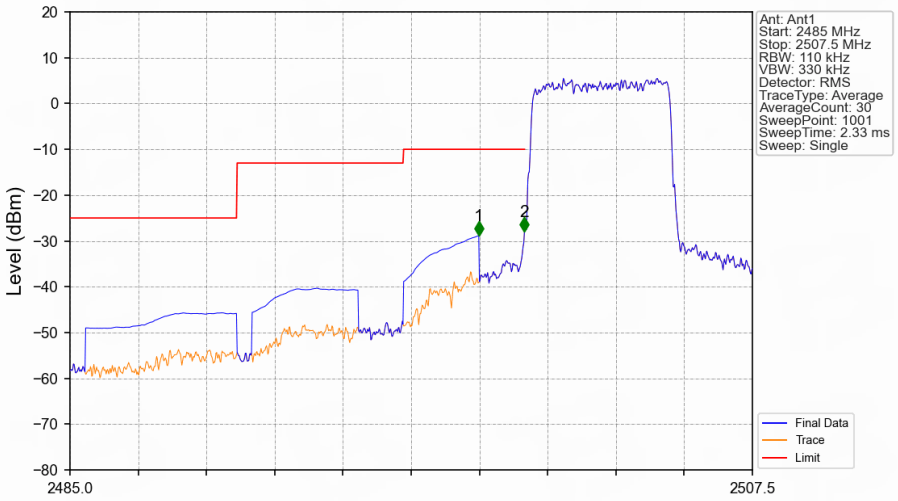
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

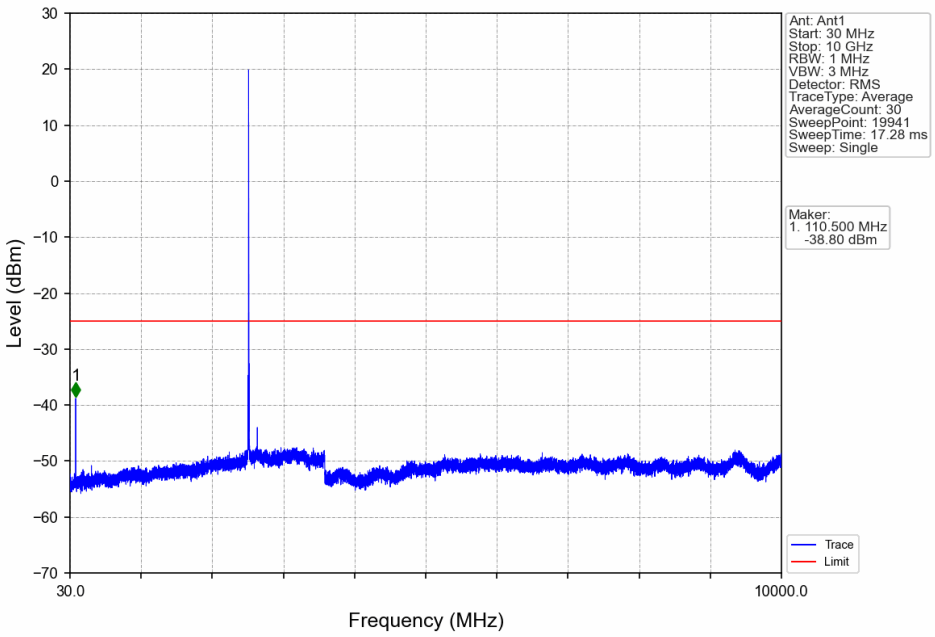


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

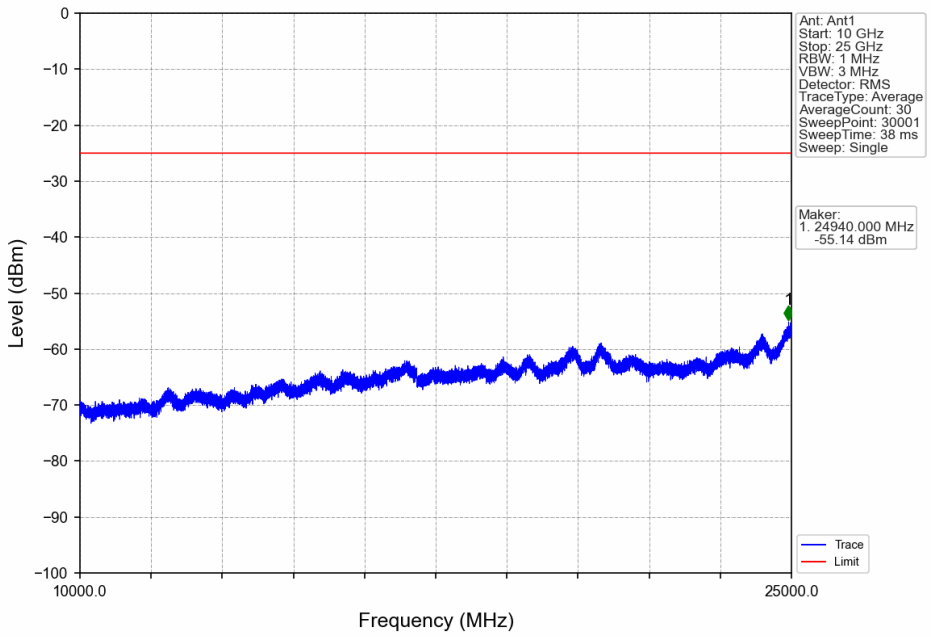


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2498.477	-28.84	-10	Pass
2499	2500	0.11	/	2	2499.985	-27.92	-10	Pass
2500	2507.5	0.11	/	/	/	/	/	/

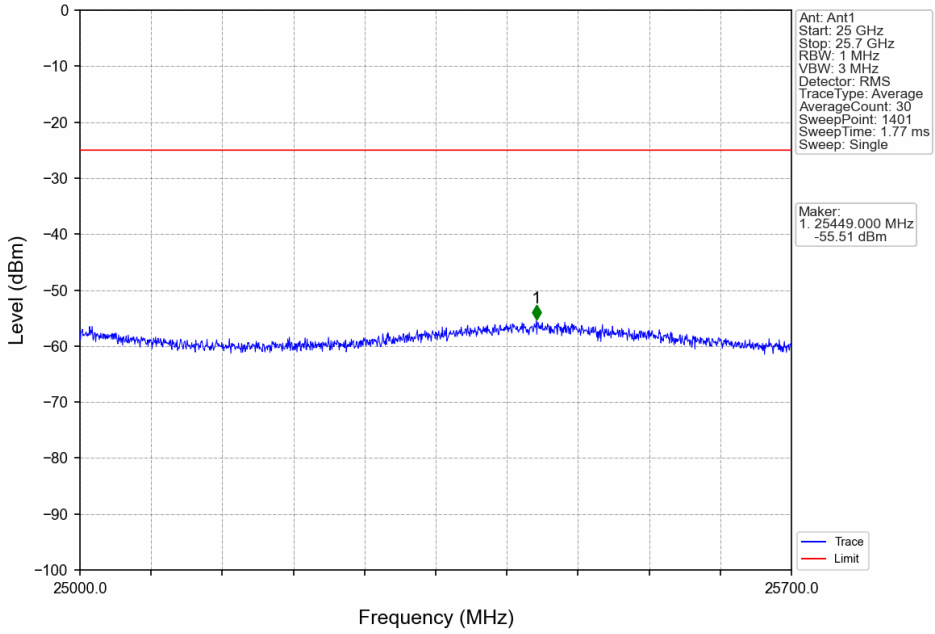
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



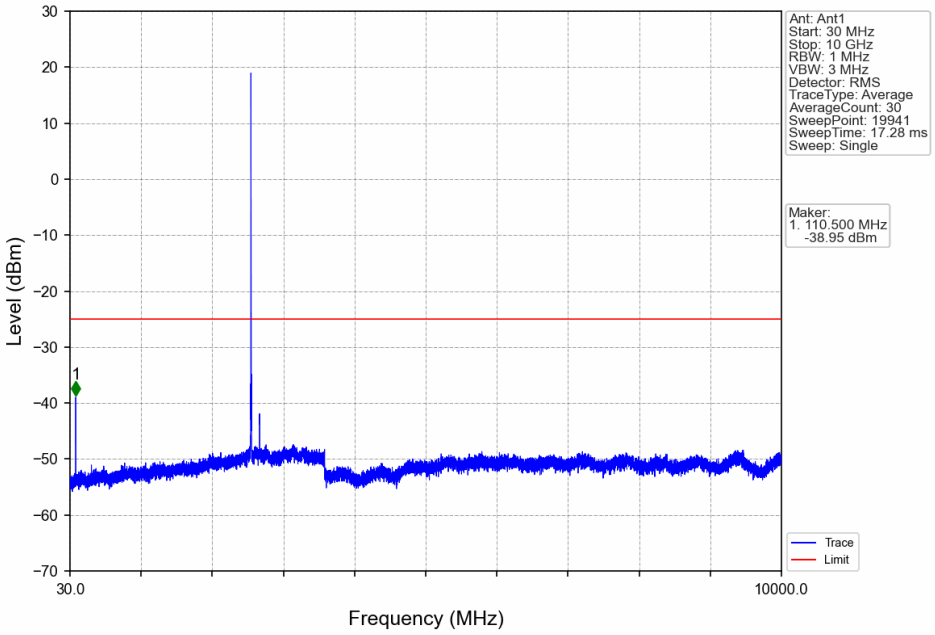
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



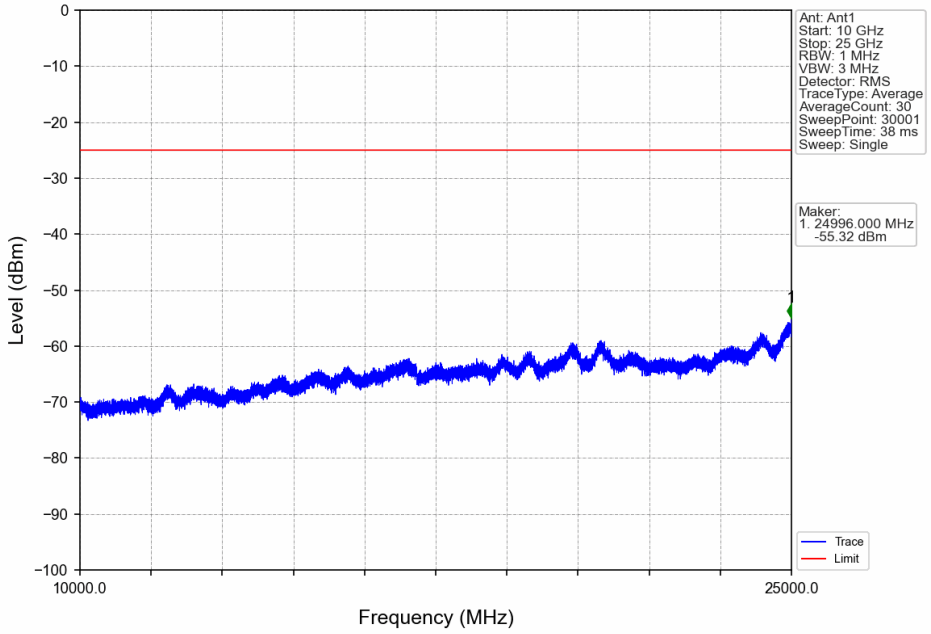
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



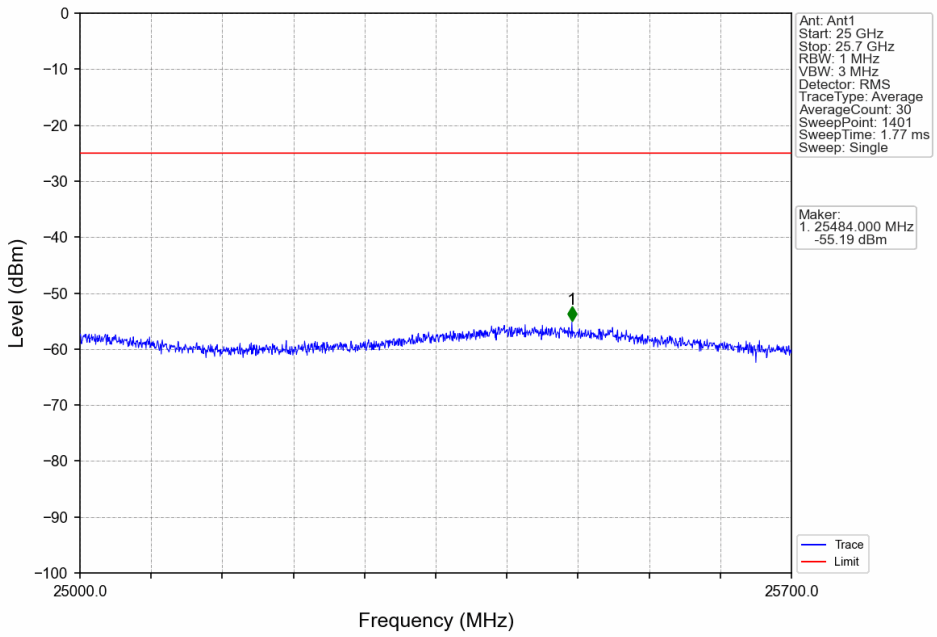
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



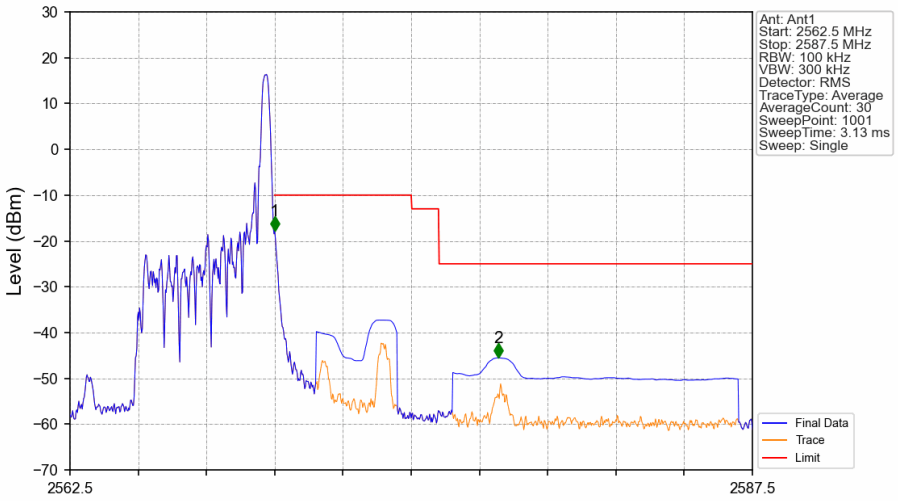
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

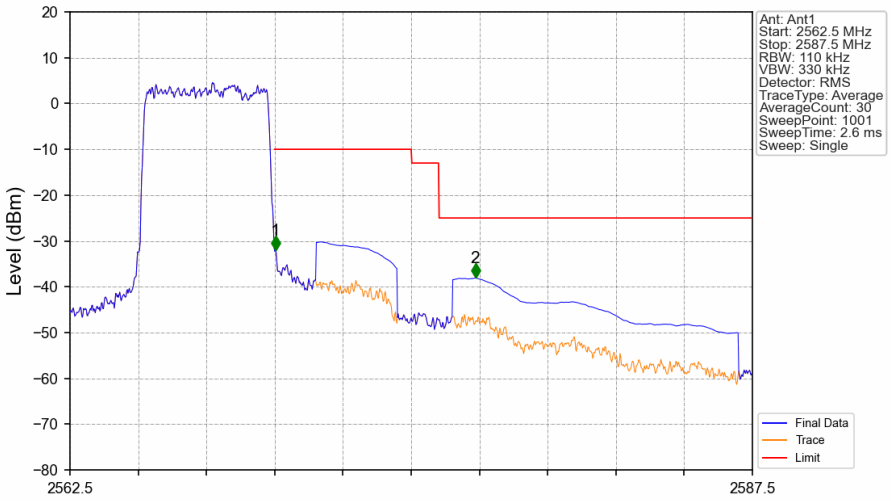


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



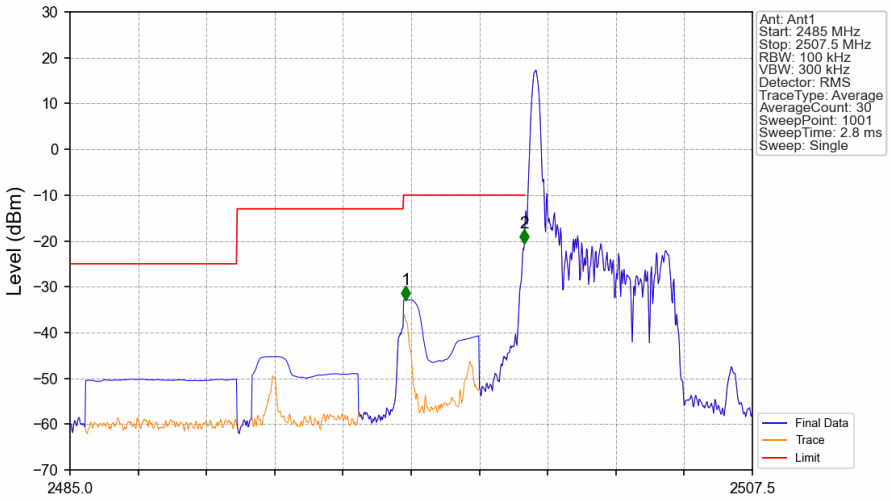
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.1	/	/	/	/	/	/
2570	2571	0.1	/	1	2570.000	-17.80	-10	Pass
2571	2587.5	1	CHP	2	2578.200	-45.55	-25	Pass

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
2562.5	2570	0.11	/	/	/	/	/	/
2570	2571	0.11	/	1	2570.025	-32.00	-10	Pass
2571	2587.5	1	CHP	2	2577.350	-38.09	-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	2499	1	CHP	1	2496.070	-32.89	-10	Pass
2499	2500	0.1	/	2	2499.985	-20.53	-10	Pass
2500	2507.5	0.1	/	/	/	/	/	/