1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B7_5MHz_EIRP

Band: 7 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	22.55	-3.64	18.91	<=33.01	Pass
			13	22.59	-3.64	18.95	<=33.01	Pass
			24	22.61	-3.64	18.97	<=33.01	Pass
		12	0	21.95	-3.64	18.31	<=33.01	Pass
			6	22.00	-3.64	18.36	<=33.01	Pass
			13	22.02	-3.64	18.38	<=33.01	Pass
		25	0	21.91	-3.64	18.27	<=33.01	Pass
	2535	1	0	22.69	-3.64	19.05	<=33.01	Pass
			13	22.74	-3.64	19.1	<=33.01	Pass
			24	22.65	-3.64	19.01	<=33.01	Pass
		12	0	22.02	-3.64	18.38	<=33.01	Pass
			6	22.05	-3.64	18.41	<=33.01	Pass
			13	21.99	-3.64	18.35	<=33.01	Pass
		25	0	22.06	-3.64	18.42	<=33.01	Pass
	2567.5	1	0	21.52	-3.64	17.88	<=33.01	Pass
			13	21.49	-3.64	17.85	<=33.01	Pass
			24	21.45	-3.64	17.81	<=33.01	Pass
		12	0	20.49	-3.64	16.85	<=33.01	Pass
			6	20.51	-3.64	16.87	<=33.01	Pass
			13	20.43	-3.64	16.79	<=33.01	Pass
		25	0	20.47	-3.64	16.83	<=33.01	Pass
16QAM	2502.5	1	0	22.13	-3.64	18.49	<=33.01	Pass
			13	22.16	-3.64	18.52	<=33.01	Pass
			24	22.17	-3.64	18.53	<=33.01	Pass
		12	0	21.06	-3.64	17.42	<=33.01	Pass
			6	21.01	-3.64	17.37	<=33.01	Pass
			13	21.11	-3.64	17.47	<=33.01	Pass
		25	0	21.08	-3.64	17.44	<=33.01	Pass
	2535	1	0	22.23	-3.64	18.59	<=33.01	Pass
			13	22.32	-3.64	18.68	<=33.01	Pass
			24	22.36	-3.64	18.72	<=33.01	Pass
		12	0	21.22	-3.64	17.58	<=33.01	Pass
			6	21.26	-3.64	17.62	<=33.01	Pass
			13	21.26	-3.64	17.62	<=33.01	Pass
		25	0	21.34	-3.64	17.7	<=33.01	Pass
	2567.5	1	0	20.08	-3.64	16.44	<=33.01	Pass
			13	20.05	-3.64	16.41	<=33.01	Pass
			24	20.06	-3.64	16.42	<=33.01	Pass
		12	0	19.98	-3.64	16.34	<=33.01	Pass
			6	20.12	-3.64	16.48	<=33.01	Pass
			13	19.97	-3.64	16.33	<=33.01	Pass
		25	0	20.06	-3.64	16.42	<=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	20.72	-3.64	17.08	<=33.01	Pass
			25	20.88	-3.64	17.24	<=33.01	Pass
			49	20.83	-3.64	17.19	<=33.01	Pass
		25	0	19.66	-3.64	16.02	<=33.01	Pass
			13	19.73	-3.64	16.09	<=33.01	Pass
			25	19.78	-3.64	16.14	<=33.01	Pass
		50	0	19.78	-3.64	16.14	<=33.01	Pass
	2535	1	0	20.80	-3.64	17.16	<=33.01	Pass
			25	20.86	-3.64	17.22	<=33.01	Pass
			49	20.88	-3.64	17.24	<=33.01	Pass
		25	0	19.94	-3.64	16.3	<=33.01	Pass
			13	19.93	-3.64	16.29	<=33.01	Pass
			25	19.89	-3.64	16.25	<=33.01	Pass
		50	0	20.02	-3.64	16.38	<=33.01	Pass
	2565	1	0	22.82	-3.64	19.18	<=33.01	Pass
			25	22.90	-3.64	19.26	<=33.01	Pass
			49	22.89	-3.64	19.25	<=33.01	Pass
		25	0	21.91	-3.64	18.27	<=33.01	Pass
			13	22.01	-3.64	18.37	<=33.01	Pass
			25	21.96	-3.64	18.32	<=33.01	Pass
		50	0	22.03	-3.64	18.39	<=33.01	Pass
16QAM	2505	1	0	19.27	-3.64	15.63	<=33.01	Pass
			25	19.29	-3.64	15.65	<=33.01	Pass
			49	19.41	-3.64	15.77	<=33.01	Pass
		25	0	20.20	-3.64	16.56	<=33.01	Pass
			13	20.32	-3.64	16.68	<=33.01	Pass
			25	20.38	-3.64	16.74	<=33.01	Pass
		50	0	20.46	-3.64	16.82	<=33.01	Pass
	2535	1	0	20.60	-3.64	16.96	<=33.01	Pass
			25	20.63	-3.64	16.99	<=33.01	Pass
			49	20.75	-3.64	17.11	<=33.01	Pass
		25	0	19.76	-3.64	16.12	<=33.01	Pass
			13	20.06	-3.64	16.42	<=33.01	Pass
			25	20.38	-3.64	16.74	<=33.01	Pass
		50	0	20.67	-3.64	17.03	<=33.01	Pass
	2565	1	0	22.25	-3.64	18.61	<=33.01	Pass
			25	22.29	-3.64	18.65	<=33.01	Pass
			49	22.27	-3.64	18.63	<=33.01	Pass
		25	0	21.08	-3.64	17.44	<=33.01	Pass
			13	21.28	-3.64	17.64	<=33.01	Pass
			25	20.57	-3.64	16.93	<=33.01	Pass
		50	0	20.74	-3.64	17.1	<=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	20.64	-3.64	17	<=33.01	Pass
			38	20.73	-3.64	17.09	<=33.01	Pass
			74	20.81	-3.64	17.17	<=33.01	Pass
		36	0	19.64	-3.64	16	<=33.01	Pass
			18	19.57	-3.64	15.93	<=33.01	Pass
			39	19.55	-3.64	15.91	<=33.01	Pass

		75	0	19.54	-3.64	15.9	<=33.01	Pass
	2535	1	0	20.70	-3.64	17.06	<=33.01	Pass
			38	20.81	-3.64	17.17	<=33.01	Pass
			74	20.93	-3.64	17.29	<=33.01	Pass
		36	0	19.97	-3.64	16.33	<=33.01	Pass
			18	19.91	-3.64	16.27	<=33.01	Pass
			39	19.97	-3.64	16.33	<=33.01	Pass
		75	0	19.81	-3.64	16.17	<=33.01	Pass
	2562.5	1	0	21.01	-3.64	17.37	<=33.01	Pass
			38	21.06	-3.64	17.42	<=33.01	Pass
			74	21.09	-3.64	17.45	<=33.01	Pass
		36	0	20.07	-3.64	16.43	<=33.01	Pass
			18	20.09	-3.64	16.45	<=33.01	Pass
			39	20.19	-3.64	16.55	<=33.01	Pass
		75	0	20.05	-3.64	16.41	<=33.01	Pass
16QAM	2507.5	1	0	19.93	-3.64	16.29	<=33.01	Pass
			38	19.93	-3.64	16.29	<=33.01	Pass
			74	20.05	-3.64	16.41	<=33.01	Pass
		36	0	20.59	-3.64	16.95	<=33.01	Pass
			18	20.49	-3.64	16.85	<=33.01	Pass
			39	20.29	-3.64	16.65	<=33.01	Pass
		75	0	20.44	-3.64	16.8	<=33.01	Pass
	2535	1	0	20.60	-3.64	16.96	<=33.01	Pass
			38	20.65	-3.64	17.01	<=33.01	Pass
			74	20.76	-3.64	17.12	<=33.01	Pass
		36	0	19.71	-3.64	16.07	<=33.01	Pass
			18	19.93	-3.64	16.29	<=33.01	Pass
			39	20.34	-3.64	16.7	<=33.01	Pass
		75	0	20.07	-3.64	16.43	<=33.01	Pass
	2562.5	1	0	20.43	-3.64	16.79	<=33.01	Pass
			38	20.46	-3.64	16.82	<=33.01	Pass
			74	20.46	-3.64	16.82	<=33.01	Pass
		36	0	20.57	-3.64	16.93	<=33.01	Pass
			18	20.29	-3.64	16.65	<=33.01	Pass
			39	20.04	-3.64	16.4	<=33.01	Pass
		75	0	20.36	-3.64	16.72	<=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	20.79	-3.64	17.15	<=33.01	Pass
			50	20.81	-3.64	17.17	<=33.01	Pass
			99	20.91	-3.64	17.27	<=33.01	Pass
		50	0	19.59	-3.64	15.95	<=33.01	Pass
			25	19.79	-3.64	16.15	<=33.01	Pass
			50	19.76	-3.64	16.12	<=33.01	Pass
		100	0	19.76	-3.64	16.12	<=33.01	Pass
	2535	1	0	21.13	-3.64	17.49	<=33.01	Pass
			50	21.19	-3.64	17.55	<=33.01	Pass
			99	21.38	-3.64	17.74	<=33.01	Pass
		50	0	19.99	-3.64	16.35	<=33.01	Pass
			25	20.01	-3.64	16.37	<=33.01	Pass
			50	20.12	-3.64	16.48	<=33.01	Pass
		100	0	20.04	-3.64	16.4	<=33.01	Pass

	2560	1	0	21.05	-3.64	17.41	<=33.01	Pass
			50	21.11	-3.64	17.47	<=33.01	Pass
			99	21.16	-3.64	17.52	<=33.01	Pass
		50	0	20.06	-3.64	16.42	<=33.01	Pass
			25	20.07	-3.64	16.43	<=33.01	Pass
			50	20.27	-3.64	16.63	<=33.01	Pass
		100	0	20.07	-3.64	16.43	<=33.01	Pass
16QAM	2510	1	0	20.25	-3.64	16.61	<=33.01	Pass
			50	20.33	-3.64	16.69	<=33.01	Pass
			99	20.30	-3.64	16.66	<=33.01	Pass
		50	0	19.78	-3.64	16.14	<=33.01	Pass
			25	19.73	-3.64	16.09	<=33.01	Pass
			50	19.66	-3.64	16.02	<=33.01	Pass
		100	0	19.73	-3.64	16.09	<=33.01	Pass
	2535	1	0	20.20	-3.64	16.56	<=33.01	Pass
			50	20.27	-3.64	16.63	<=33.01	Pass
			99	20.47	-3.64	16.83	<=33.01	Pass
		50	0	19.07	-3.64	15.43	<=33.01	Pass
			25	19.48	-3.64	15.84	<=33.01	Pass
			50	20.15	-3.64	16.51	<=33.01	Pass
		100	0	19.64	-3.64	16	<=33.01	Pass
	2560	1	0	19.69	-3.64	16.05	<=33.01	Pass
			50	19.85	-3.64	16.21	<=33.01	Pass
			99	19.82	-3.64	16.18	<=33.01	Pass
		50	0	20.25	-3.64	16.61	<=33.01	Pass
			25	19.99	-3.64	16.35	<=33.01	Pass
			50	19.83	-3.64	16.19	<=33.01	Pass
		100	0	20.11	-3.64	16.47	<=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	27.008	0.0108	-2.5 to 2.5	Pass
					3.85	36.321	0.0145	-2.5 to 2.5	Pass
					4.43	20.957	0.0084	-2.5 to 2.5	Pass
				-30	3.85	19.212	0.0077	-2.5 to 2.5	Pass
				-20	3.85	37.208	0.0149	-2.5 to 2.5	Pass
				-10	3.85	39.783	0.0159	-2.5 to 2.5	Pass
				0	3.85	18.282	0.0073	-2.5 to 2.5	Pass
				10	3.85	33.059	0.0132	-2.5 to 2.5	Pass
				30	3.85	-5.565	-0.0022	-2.5 to 2.5	Pass
				40	3.85	13.661	0.0055	-2.5 to 2.5	Pass
				50	3.85	50.268	0.0201	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	45.319	0.0179	-2.5 to 2.5	Pass
					3.85	-8.011	-0.0032	-2.5 to 2.5	Pass
					4.43	8.640	0.0034	-2.5 to 2.5	Pass
				-30	3.85	10.901	0.0043	-2.5 to 2.5	Pass
				-20	3.85	2.804	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-3.204	-0.0013	-2.5 to 2.5	Pass

				0	3.85	40.970	0.0162	-2.5 to 2.5	Pass
				10	3.85	4.220	0.0017	-2.5 to 2.5	Pass
				30	3.85	49.696	0.0196	-2.5 to 2.5	Pass
				40	3.85	1.416	0.0006	-2.5 to 2.5	Pass
				50	3.85	36.378	0.0144	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	-10.386	-0.0040	-2.5 to 2.5	Pass
					3.85	-28.195	-0.0110	-2.5 to 2.5	Pass
					4.43	-45.161	-0.0176	-2.5 to 2.5	Pass
				-30	3.85	-39.096	-0.0152	-2.5 to 2.5	Pass
				-20	3.85	-35.663	-0.0139	-2.5 to 2.5	Pass
				-10	3.85	-24.791	-0.0097	-2.5 to 2.5	Pass
				0	3.85	-12.832	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-3.948	-0.0015	-2.5 to 2.5	Pass
				30	3.85	7.324	0.0029	-2.5 to 2.5	Pass
				40	3.85	9.069	0.0035	-2.5 to 2.5	Pass
				50	3.85	17.238	0.0067	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	8.039	0.0032	-2.5 to 2.5	Pass
					3.85	38.366	0.0153	-2.5 to 2.5	Pass
					4.43	16.608	0.0066	-2.5 to 2.5	Pass
				-30	3.85	34.733	0.0139	-2.5 to 2.5	Pass
				-20	3.85	3.448	0.0014	-2.5 to 2.5	Pass
				-10	3.85	35.691	0.0143	-2.5 to 2.5	Pass
				0	3.85	24.648	0.0098	-2.5 to 2.5	Pass
				10	3.85	6.223	0.0025	-2.5 to 2.5	Pass
				30	3.85	28.467	0.0114	-2.5 to 2.5	Pass
				40	3.85	-6.409	-0.0026	-2.5 to 2.5	Pass
				50	3.85	24.562	0.0098	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	31.972	0.0126	-2.5 to 2.5	Pass
					3.85	37.193	0.0147	-2.5 to 2.5	Pass
					4.43	15.235	0.0060	-2.5 to 2.5	Pass
				-30	3.85	42.901	0.0169	-2.5 to 2.5	Pass
				-20	3.85	22.388	0.0088	-2.5 to 2.5	Pass
				-10	3.85	46.134	0.0182	-2.5 to 2.5	Pass
				0	3.85	-0.887	-0.0003	-2.5 to 2.5	Pass
				10	3.85	11.559	0.0046	-2.5 to 2.5	Pass
				30	3.85	30.484	0.0120	-2.5 to 2.5	Pass
				40	3.85	24.405	0.0096	-2.5 to 2.5	Pass
				50	3.85	11.716	0.0046	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	15.106	0.0059	-2.5 to 2.5	Pass
					3.85	23.761	0.0093	-2.5 to 2.5	Pass
					4.43	32.587	0.0127	-2.5 to 2.5	Pass
				-30	3.85	28.610	0.0111	-2.5 to 2.5	Pass
				-20	3.85	30.613	0.0119	-2.5 to 2.5	Pass
				-10	3.85	20.700	0.0081	-2.5 to 2.5	Pass
				0	3.85	21.057	0.0082	-2.5 to 2.5	Pass
				10	3.85	15.349	0.0060	-2.5 to 2.5	Pass
				30	3.85	6.037	0.0024	-2.5 to 2.5	Pass
				40	3.85	5.922	0.0023	-2.5 to 2.5	Pass
				50	3.85	-5.207	-0.0020	-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	-40.898	-0.0163	-2.5 to 2.5	Pass
					3.85	5.450	0.0022	-2.5 to 2.5	Pass

					4.43	34.962	0.0140	-2.5 to 2.5	Pass
				-30	3.85	24.590	0.0098	-2.5 to 2.5	Pass
				-20	3.85	27.866	0.0111	-2.5 to 2.5	Pass
				-10	3.85	4.091	0.0016	-2.5 to 2.5	Pass
				0	3.85	31.786	0.0127	-2.5 to 2.5	Pass
				10	3.85	-3.576	-0.0014	-2.5 to 2.5	Pass
				30	3.85	18.940	0.0076	-2.5 to 2.5	Pass
				40	3.85	36.564	0.0146	-2.5 to 2.5	Pass
				50	3.85	17.295	0.0069	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-28.067	-0.0111	-2.5 to 2.5	Pass
					3.85	-41.342	-0.0163	-2.5 to 2.5	Pass
					4.43	0.329	0.0001	-2.5 to 2.5	Pass
				-30	3.85	17.138	0.0068	-2.5 to 2.5	Pass
				-20	3.85	23.789	0.0094	-2.5 to 2.5	Pass
				-10	3.85	27.795	0.0110	-2.5 to 2.5	Pass
				0	3.85	4.134	0.0016	-2.5 to 2.5	Pass
				10	3.85	35.019	0.0138	-2.5 to 2.5	Pass
				30	3.85	24.133	0.0095	-2.5 to 2.5	Pass
				40	3.85	6.065	0.0024	-2.5 to 2.5	Pass
				50	3.85	27.151	0.0107	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-20.628	-0.0080	-2.5 to 2.5	Pass
					3.85	-41.428	-0.0162	-2.5 to 2.5	Pass
					4.43	-32.802	-0.0128	-2.5 to 2.5	Pass
				-30	3.85	-14.520	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	3.448	0.0013	-2.5 to 2.5	Pass
				-10	3.85	18.268	0.0071	-2.5 to 2.5	Pass
				0	3.85	29.740	0.0116	-2.5 to 2.5	Pass
				10	3.85	27.637	0.0108	-2.5 to 2.5	Pass
				30	3.85	-7.882	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-5.035	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-5.522	-0.0022	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.27	27.981	0.0112	-2.5 to 2.5	Pass
					3.85	37.451	0.0150	-2.5 to 2.5	Pass
					4.43	31.857	0.0127	-2.5 to 2.5	Pass
				-30	3.85	19.054	0.0076	-2.5 to 2.5	Pass
				-20	3.85	4.249	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-6.938	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-20.242	-0.0081	-2.5 to 2.5	Pass
				10	3.85	-16.451	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-21.172	-0.0085	-2.5 to 2.5	Pass
				40	3.85	-26.693	-0.0107	-2.5 to 2.5	Pass
				50	3.85	-34.118	-0.0136	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	38.509	0.0152	-2.5 to 2.5	Pass
					3.85	20.356	0.0080	-2.5 to 2.5	Pass
					4.43	19.083	0.0075	-2.5 to 2.5	Pass
				-30	3.85	9.184	0.0036	-2.5 to 2.5	Pass
				-20	3.85	-0.672	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-7.925	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-15.850	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-21.057	-0.0083	-2.5 to 2.5	Pass
				30	3.85	-19.670	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-27.452	-0.0108	-2.5 to 2.5	Pass
				50	3.85	-25.406	-0.0100	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-0.958	-0.0004	-2.5 to 2.5	Pass
					3.85	-5.336	-0.0021	-2.5 to 2.5	Pass
					4.43	7.339	0.0029	-2.5 to 2.5	Pass
				-30	3.85	4.206	0.0016	-2.5 to 2.5	Pass
				-20	3.85	-5.794	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-12.817	-0.0050	-2.5 to 2.5	Pass

				0	3.85	-19.298	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-25.606	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-30.613	-0.0119	-2.5 to 2.5	Pass
				40	3.85	-33.274	-0.0130	-2.5 to 2.5	Pass
				50	3.85	-36.993	-0.0144	-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	-25.892	-0.0103	-2.5 to 2.5	Pass
					3.85	7.968	0.0032	-2.5 to 2.5	Pass
					4.43	37.766	0.0151	-2.5 to 2.5	Pass
				-30	3.85	13.547	0.0054	-2.5 to 2.5	Pass
				-20	3.85	13.618	0.0054	-2.5 to 2.5	Pass
				-10	3.85	14.877	0.0059	-2.5 to 2.5	Pass
				0	3.85	27.223	0.0109	-2.5 to 2.5	Pass
				10	3.85	26.851	0.0107	-2.5 to 2.5	Pass
				30	3.85	45.905	0.0183	-2.5 to 2.5	Pass
				40	3.85	20.514	0.0082	-2.5 to 2.5	Pass
				50	3.85	40.183	0.0160	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-16.165	-0.0064	-2.5 to 2.5	Pass
					3.85	-25.878	-0.0102	-2.5 to 2.5	Pass
					4.43	10.428	0.0041	-2.5 to 2.5	Pass
				-30	3.85	-3.304	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	37.766	0.0149	-2.5 to 2.5	Pass
				-10	3.85	8.011	0.0032	-2.5 to 2.5	Pass
				0	3.85	34.804	0.0137	-2.5 to 2.5	Pass
				10	3.85	34.304	0.0135	-2.5 to 2.5	Pass
				30	3.85	41.242	0.0163	-2.5 to 2.5	Pass
				40	3.85	-6.008	-0.0024	-2.5 to 2.5	Pass
				50	3.85	8.612	0.0034	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	17.266	0.0067	-2.5 to 2.5	Pass
					3.85	-1.173	-0.0005	-2.5 to 2.5	Pass
					4.43	3.490	0.0014	-2.5 to 2.5	Pass
				-30	3.85	15.936	0.0062	-2.5 to 2.5	Pass
				-20	3.85	28.195	0.0110	-2.5 to 2.5	Pass
				-10	3.85	44.060	0.0172	-2.5 to 2.5	Pass
				0	3.85	49.710	0.0194	-2.5 to 2.5	Pass
				10	3.85	-8.655	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-4.077	-0.0016	-2.5 to 2.5	Pass
				40	3.85	1.645	0.0006	-2.5 to 2.5	Pass
				50	3.85	3.548	0.0014	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.27	-5.794	-0.0023	-2.5 to 2.5	Pass
					3.85	5.922	0.0024	-2.5 to 2.5	Pass
					4.43	0.644	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-7.882	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-16.966	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-25.434	-0.0101	-2.5 to 2.5	Pass
				0	3.85	-35.834	-0.0143	-2.5 to 2.5	Pass
				10	3.85	-43.902	-0.0175	-2.5 to 2.5	Pass
				30	3.85	10.128	0.0040	-2.5 to 2.5	Pass
				40	3.85	7.496	0.0030	-2.5 to 2.5	Pass
				50	3.85	3.977	0.0016	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	17.982	0.0071	-2.5 to 2.5	Pass
					3.85	36.592	0.0144	-2.5 to 2.5	Pass

					4.43	36.893	0.0146	-2.5 to 2.5	Pass
				-30	3.85	27.838	0.0110	-2.5 to 2.5	Pass
				-20	3.85	20.213	0.0080	-2.5 to 2.5	Pass
				-10	3.85	14.119	0.0056	-2.5 to 2.5	Pass
				0	3.85	9.012	0.0036	-2.5 to 2.5	Pass
				10	3.85	3.448	0.0014	-2.5 to 2.5	Pass
				30	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-3.905	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-7.210	-0.0028	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	5.722	0.0022	-2.5 to 2.5	Pass
					3.85	13.962	0.0054	-2.5 to 2.5	Pass
					4.43	10.443	0.0041	-2.5 to 2.5	Pass
				-30	3.85	8.655	0.0034	-2.5 to 2.5	Pass
				-20	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-8.297	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-14.691	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-24.877	-0.0097	-2.5 to 2.5	Pass
				30	3.85	-31.471	-0.0123	-2.5 to 2.5	Pass
				40	3.85	-40.154	-0.0157	-2.5 to 2.5	Pass
				50	3.85	14.863	0.0058	-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	-35.391	-0.0141	-2.5 to 2.5	Pass
					3.85	-10.700	-0.0043	-2.5 to 2.5	Pass
					4.43	38.381	0.0153	-2.5 to 2.5	Pass
				-30	3.85	34.018	0.0136	-2.5 to 2.5	Pass
				-20	3.85	-3.161	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	23.589	0.0094	-2.5 to 2.5	Pass
				0	3.85	20.614	0.0082	-2.5 to 2.5	Pass
				10	3.85	44.174	0.0176	-2.5 to 2.5	Pass
				30	3.85	7.110	0.0028	-2.5 to 2.5	Pass
				40	3.85	20.199	0.0080	-2.5 to 2.5	Pass
				50	3.85	31.428	0.0125	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-17.281	-0.0068	-2.5 to 2.5	Pass
					3.85	6.437	0.0025	-2.5 to 2.5	Pass
					4.43	28.281	0.0112	-2.5 to 2.5	Pass
				-30	3.85	37.737	0.0149	-2.5 to 2.5	Pass
				-20	3.85	12.174	0.0048	-2.5 to 2.5	Pass
				-10	3.85	41.742	0.0165	-2.5 to 2.5	Pass
				0	3.85	29.125	0.0115	-2.5 to 2.5	Pass
				10	3.85	38.624	0.0152	-2.5 to 2.5	Pass
				30	3.85	36.135	0.0143	-2.5 to 2.5	Pass
				40	3.85	41.385	0.0163	-2.5 to 2.5	Pass
				50	3.85	23.775	0.0094	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-31.500	-0.0123	-2.5 to 2.5	Pass
					3.85	-38.166	-0.0149	-2.5 to 2.5	Pass
					4.43	-29.368	-0.0115	-2.5 to 2.5	Pass
				-30	3.85	-18.954	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-3.533	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	1.316	0.0005	-2.5 to 2.5	Pass
				0	3.85	9.255	0.0036	-2.5 to 2.5	Pass
				10	3.85	9.599	0.0037	-2.5 to 2.5	Pass
				30	3.85	12.331	0.0048	-2.5 to 2.5	Pass

				40	3.85	14.906	0.0058	-2.5 to 2.5	Pass
				50	3.85	11.115	0.0043	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.27	6.466	0.0026	-2.5 to 2.5	Pass
					3.85	-9.813	-0.0039	-2.5 to 2.5	Pass
					4.43	-30.956	-0.0123	-2.5 to 2.5	Pass
				-30	3.85	-26.150	-0.0104	-2.5 to 2.5	Pass
				-20	3.85	-21.071	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-24.133	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-43.831	-0.0175	-2.5 to 2.5	Pass
				10	3.85	-48.180	-0.0192	-2.5 to 2.5	Pass
				30	3.85	0.329	0.0001	-2.5 to 2.5	Pass
				40	3.85	-18.253	-0.0073	-2.5 to 2.5	Pass
				50	3.85	1.774	0.0007	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	30.985	0.0122	-2.5 to 2.5	Pass
					3.85	39.625	0.0156	-2.5 to 2.5	Pass
					4.43	33.059	0.0130	-2.5 to 2.5	Pass
				-30	3.85	20.428	0.0081	-2.5 to 2.5	Pass
				-20	3.85	14.935	0.0059	-2.5 to 2.5	Pass
				-10	3.85	4.735	0.0019	-2.5 to 2.5	Pass
				0	3.85	-1.702	-0.0007	-2.5 to 2.5	Pass
				10	3.85	2.332	0.0009	-2.5 to 2.5	Pass
				30	3.85	-1.760	-0.0007	-2.5 to 2.5	Pass
				40	3.85	0.329	0.0001	-2.5 to 2.5	Pass
				50	3.85	-7.796	-0.0031	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	15.864	0.0062	-2.5 to 2.5	Pass
					3.85	16.837	0.0066	-2.5 to 2.5	Pass
					4.43	13.189	0.0052	-2.5 to 2.5	Pass
				-30	3.85	5.851	0.0023	-2.5 to 2.5	Pass
				-20	3.85	0.114	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-6.037	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-20.041	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-26.450	-0.0103	-2.5 to 2.5	Pass
				30	3.85	-36.306	-0.0142	-2.5 to 2.5	Pass
				40	3.85	-47.622	-0.0186	-2.5 to 2.5	Pass
				50	3.85	-50.068	-0.0196	-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

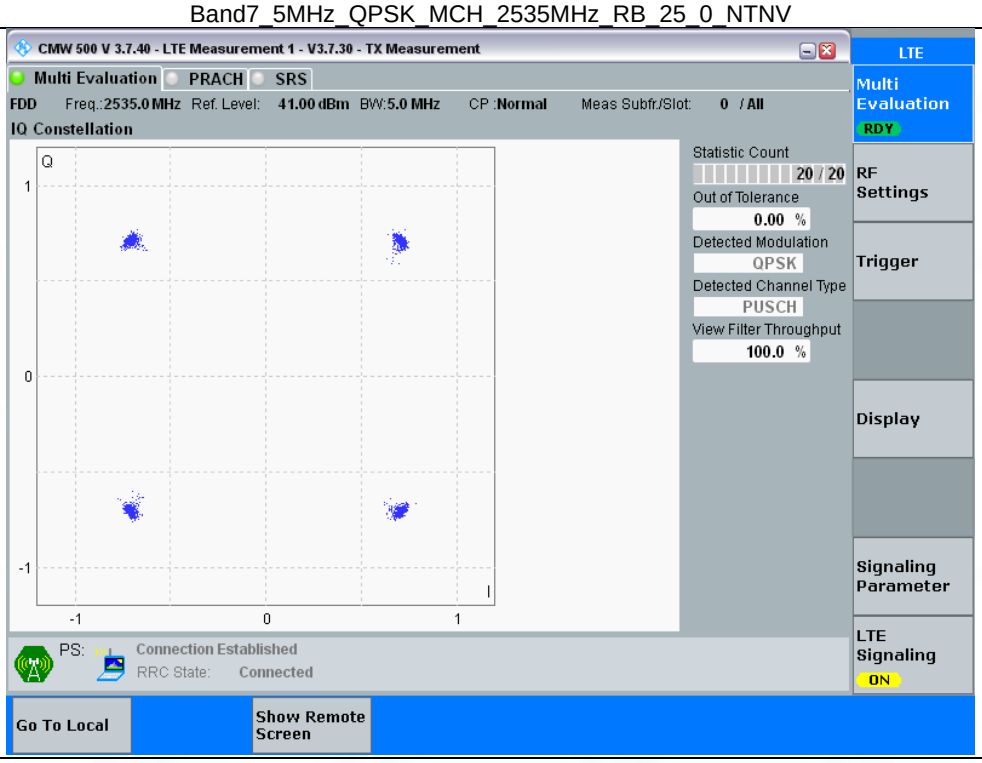
3.1.4 B7_20MHz

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

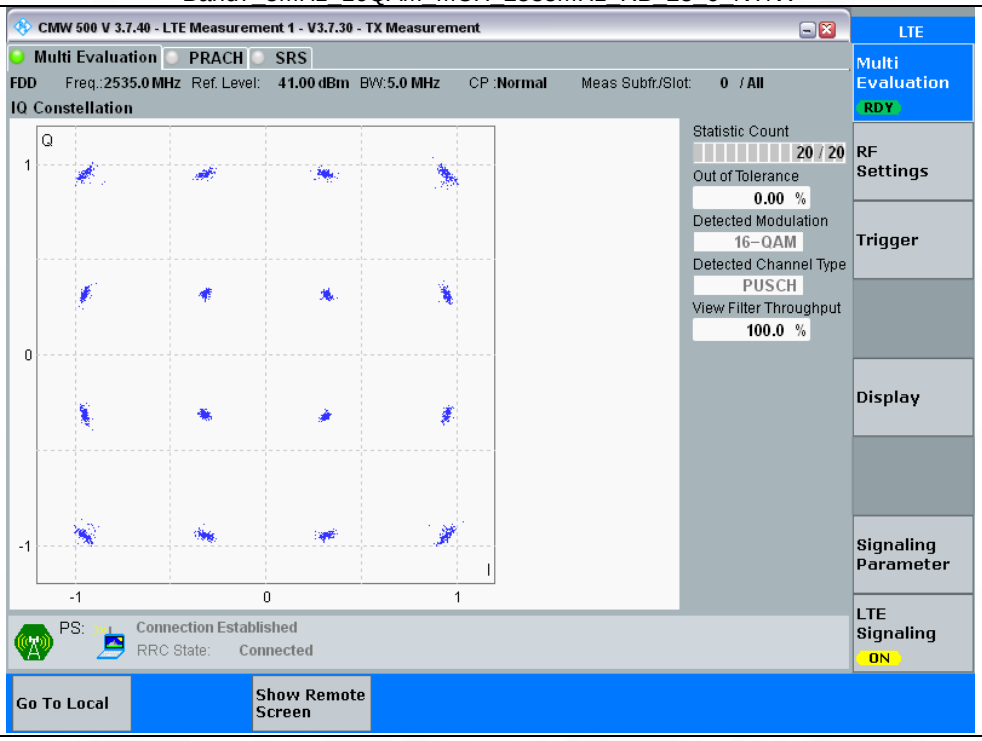
3.2 Test Graph

3.2.1 B7_5MHz

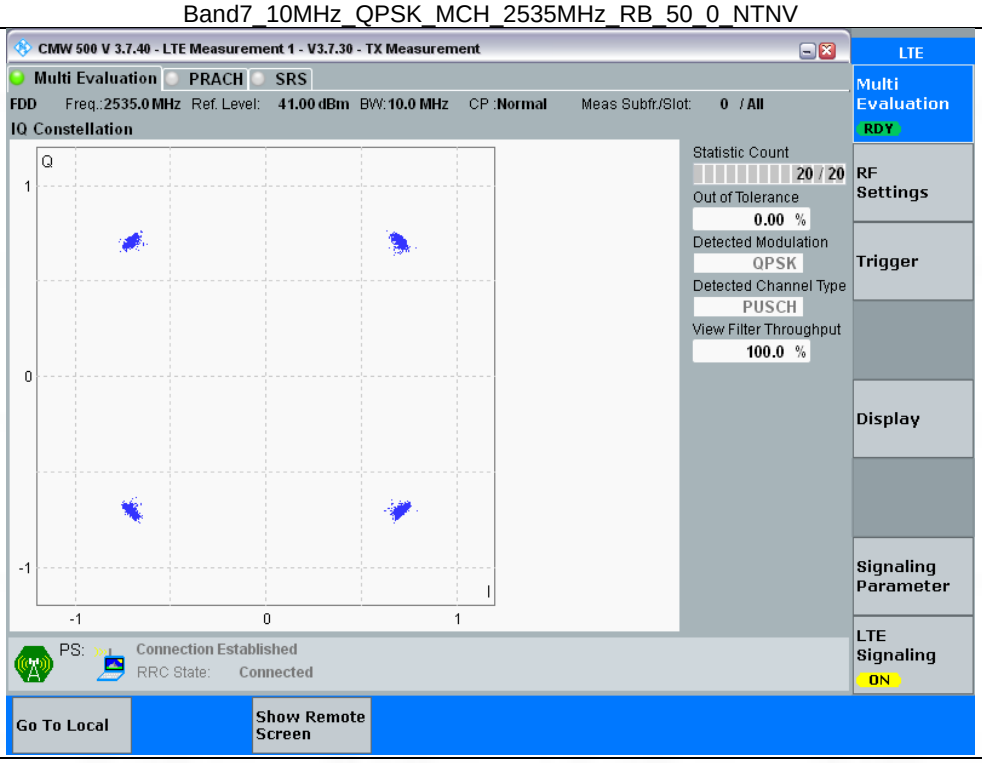
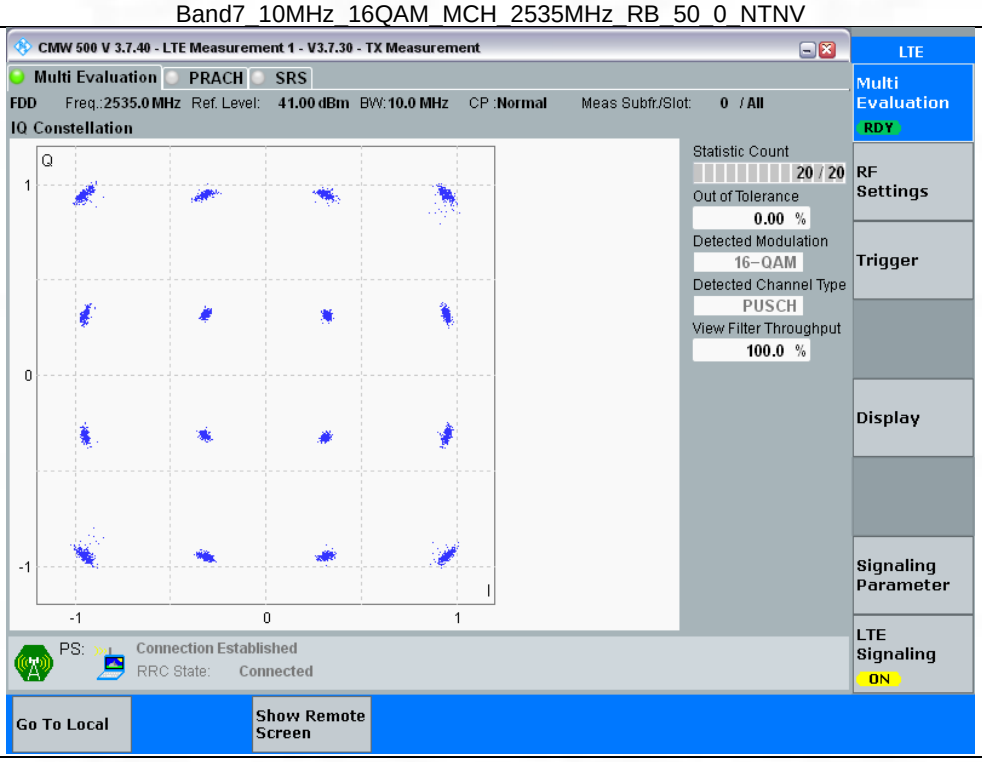
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



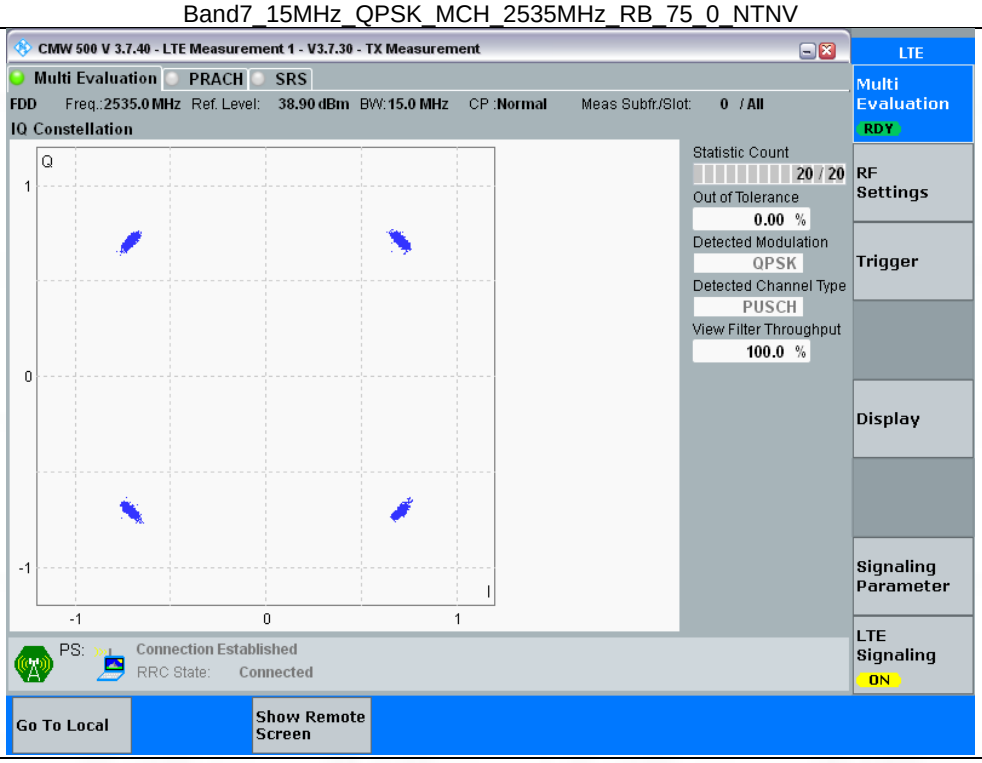
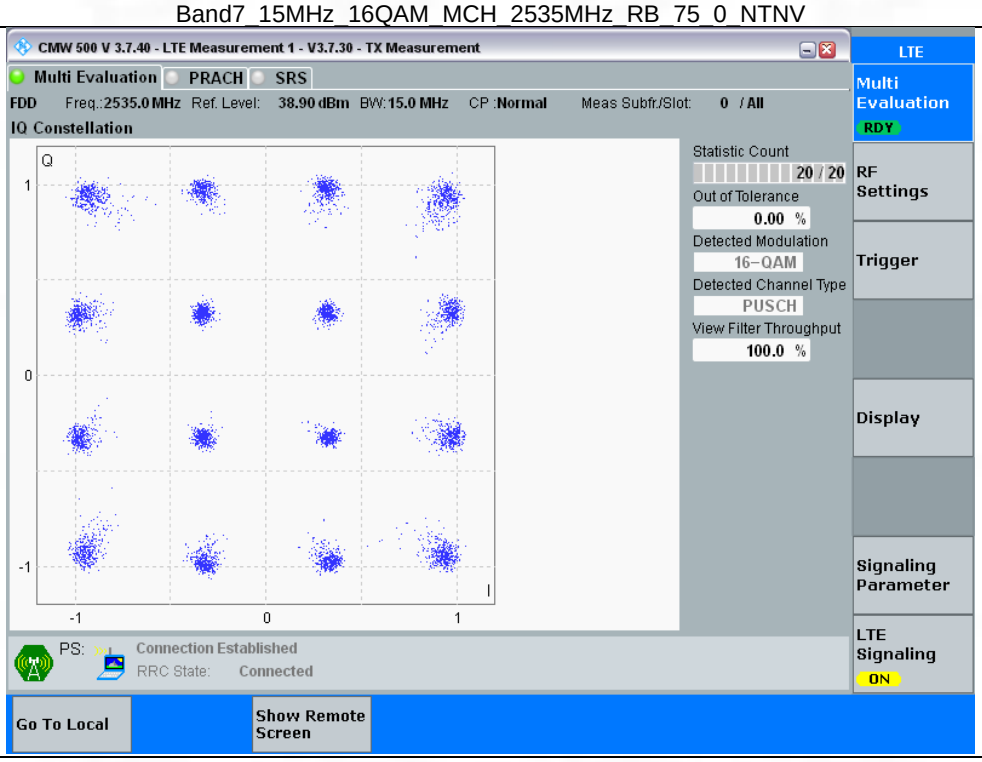
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



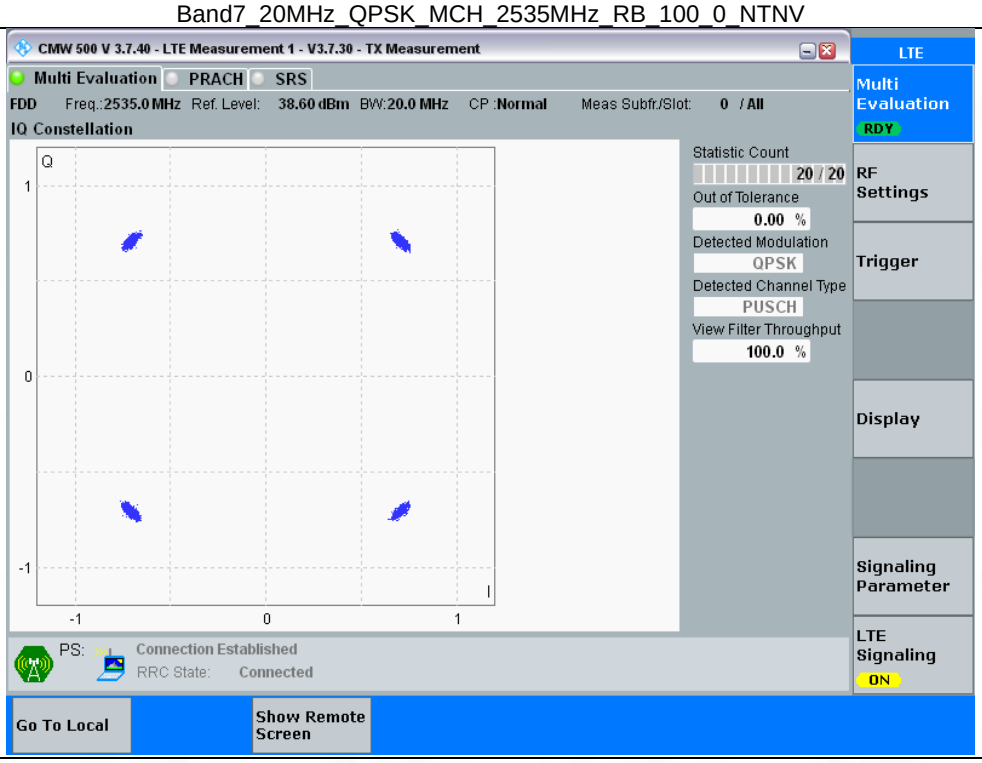
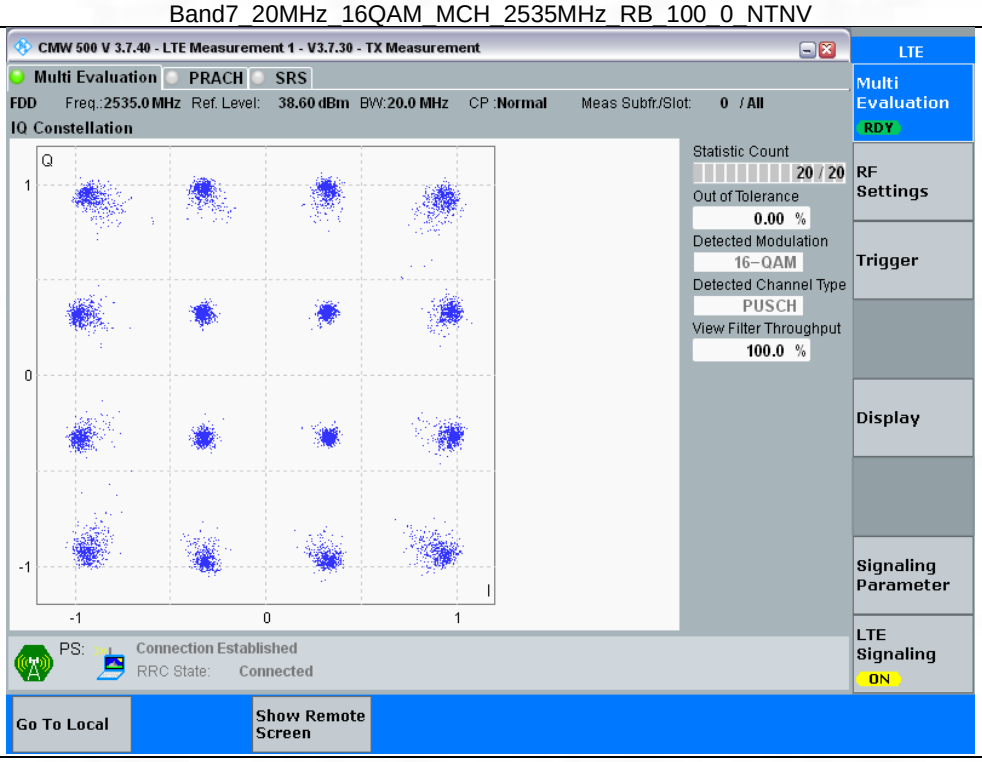
3.2.2 B7_10MHz

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	4.547	/	Pass
		2535	25	0	4.559	/	Pass
		2567.5	25	0	4.565	/	Pass
	16QAM	2502.5	25	0	4.575	/	Pass
		2535	25	0	4.566	/	Pass
		2567.5	25	0	4.555	/	Pass
10	QPSK	2505	50	0	9.080	/	Pass
		2535	50	0	9.051	/	Pass
		2565	50	0	9.084	/	Pass
	16QAM	2505	50	0	9.175	/	Pass
		2535	50	0	9.139	/	Pass
		2565	50	0	9.046	/	Pass
15	QPSK	2507.5	75	0	13.593	/	Pass
		2535	75	0	13.582	/	Pass
		2562.5	75	0	13.595	/	Pass
	16QAM	2507.5	75	0	13.884	/	Pass
		2535	75	0	13.884	/	Pass
		2562.5	75	0	13.976	/	Pass
20	QPSK	2510	100	0	18.128	/	Pass
		2535	100	0	18.161	/	Pass
		2560	100	0	18.089	/	Pass
	16QAM	2510	100	0	18.106	/	Pass
		2535	100	0	18.184	/	Pass
		2560	100	0	18.102	/	Pass

4.1.2 Band7_XDB

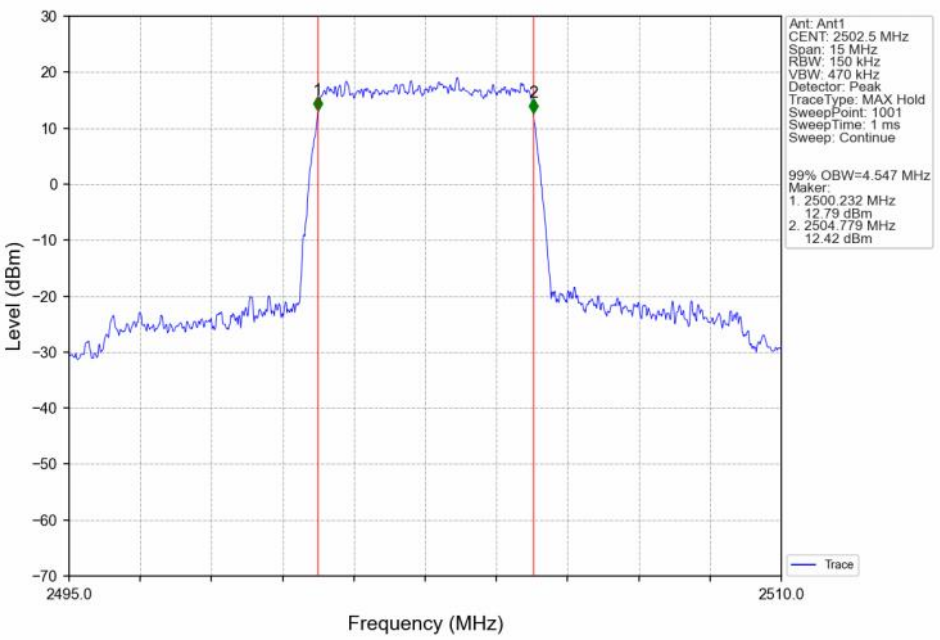
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.049	/	Pass
		2535	25	0	5.059	/	Pass
		2567.5	25	0	5.051	/	Pass
	16QAM	2502.5	25	0	5.055	/	Pass
		2535	25	0	5.062	/	Pass
		2567.5	25	0	5.009	/	Pass
10	QPSK	2505	50	0	10.063	/	Pass
		2535	50	0	10.057	/	Pass
		2565	50	0	10.076	/	Pass
	16QAM	2505	50	0	14.779	/	Pass
		2535	50	0	13.885	/	Pass
		2565	50	0	10.017	/	Pass
15	QPSK	2507.5	75	0	15.146	/	Pass
		2535	75	0	15.121	/	Pass
		2562.5	75	0	15.114	/	Pass

	16QAM	2507.5	75	0	30.921	/	Pass
		2535	75	0	23.841	/	Pass
		2562.5	75	0	28.680	/	Pass
20	QPSK	2510	100	0	19.914	/	Pass
		2535	100	0	20.093	/	Pass
		2560	100	0	19.977	/	Pass
	16QAM	2510	100	0	19.924	/	Pass
		2535	100	0	19.902	/	Pass
		2560	100	0	20.080	/	Pass

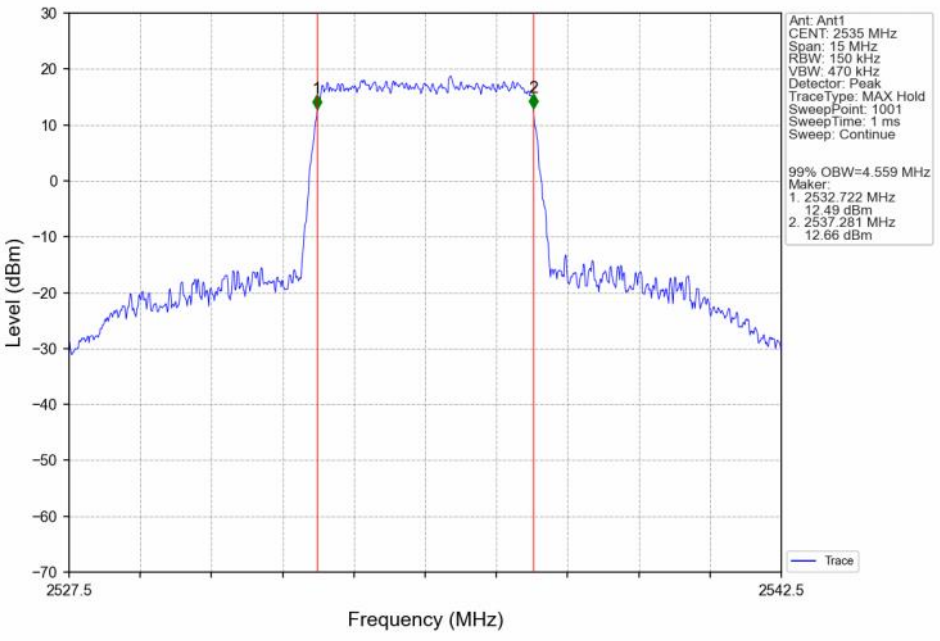
4.2 Test Graph

4.2.1 Band7_OBW

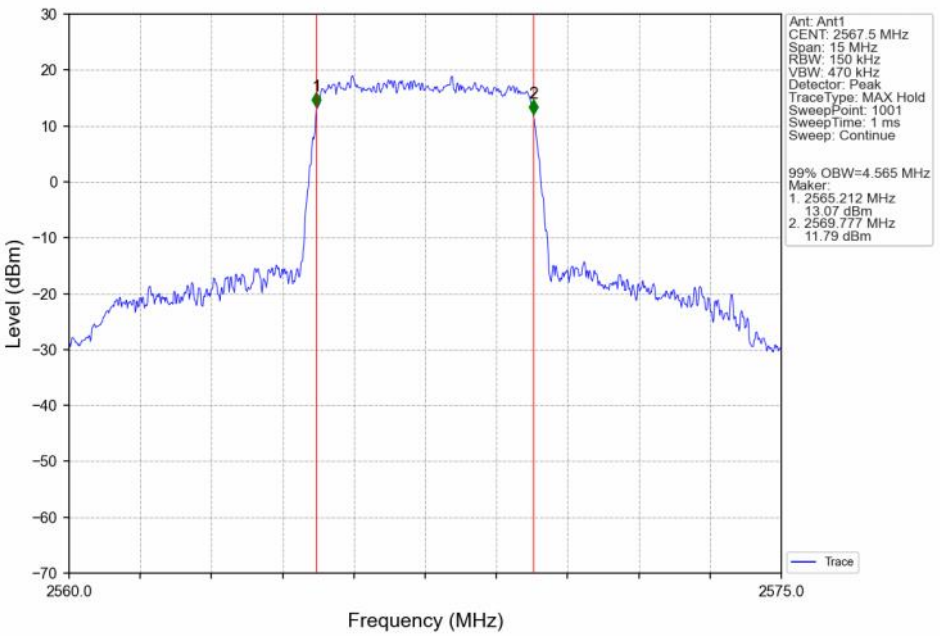
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



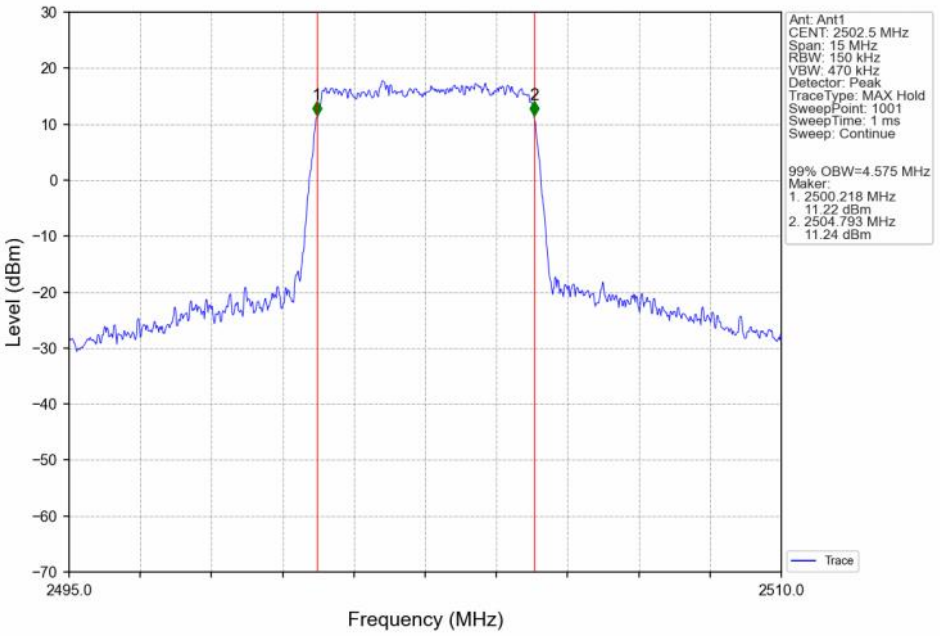
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



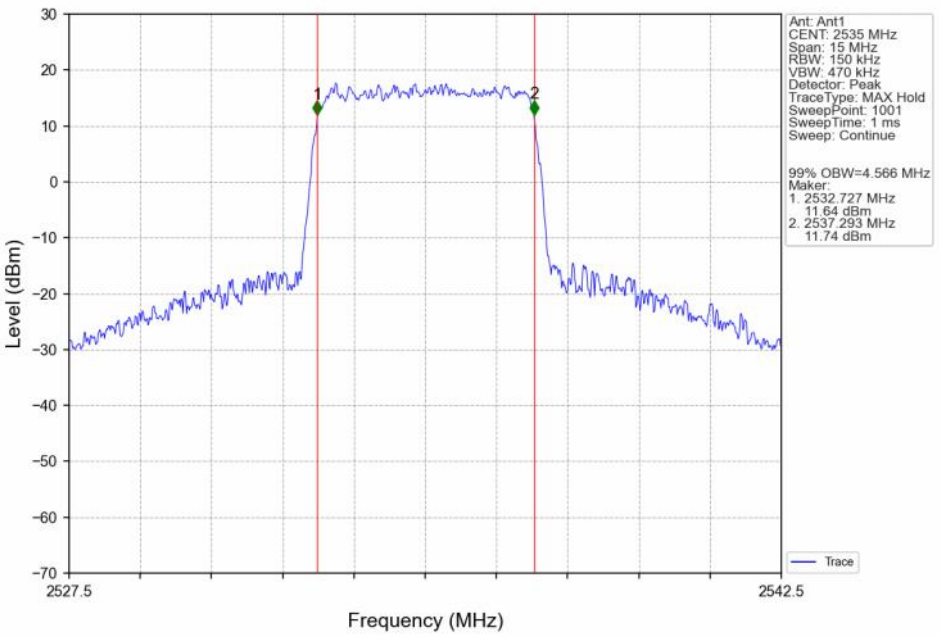
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



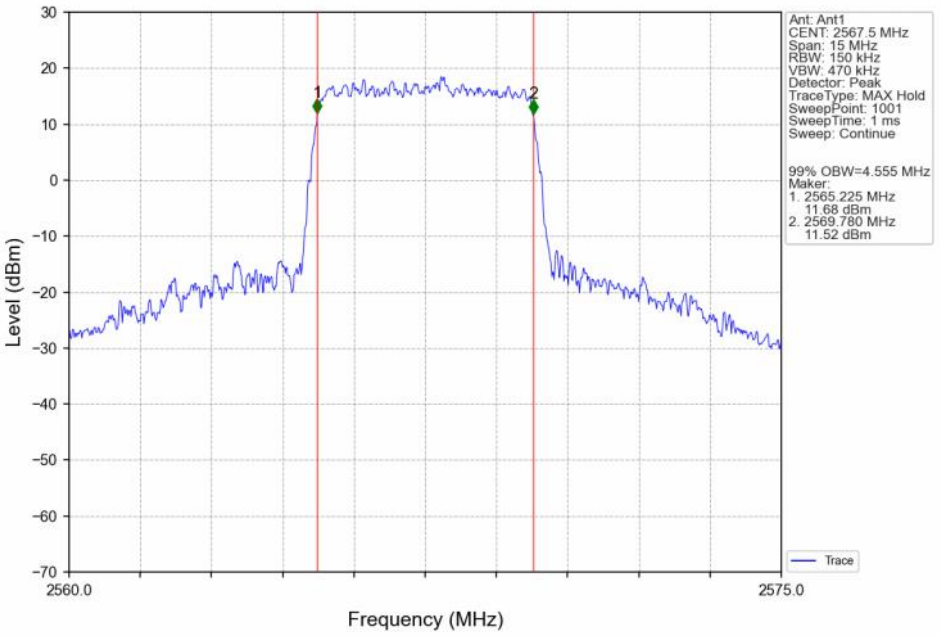
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



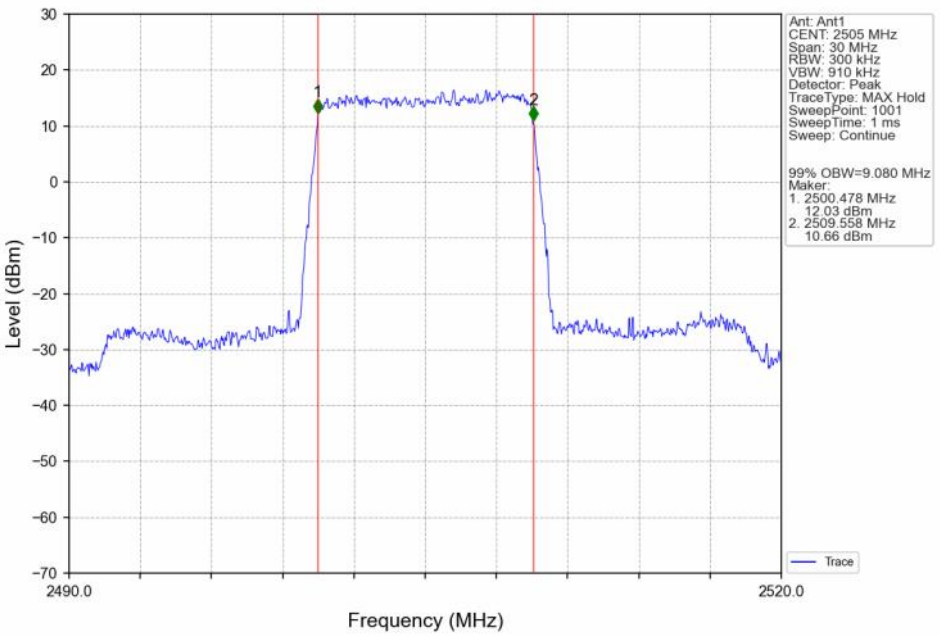
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



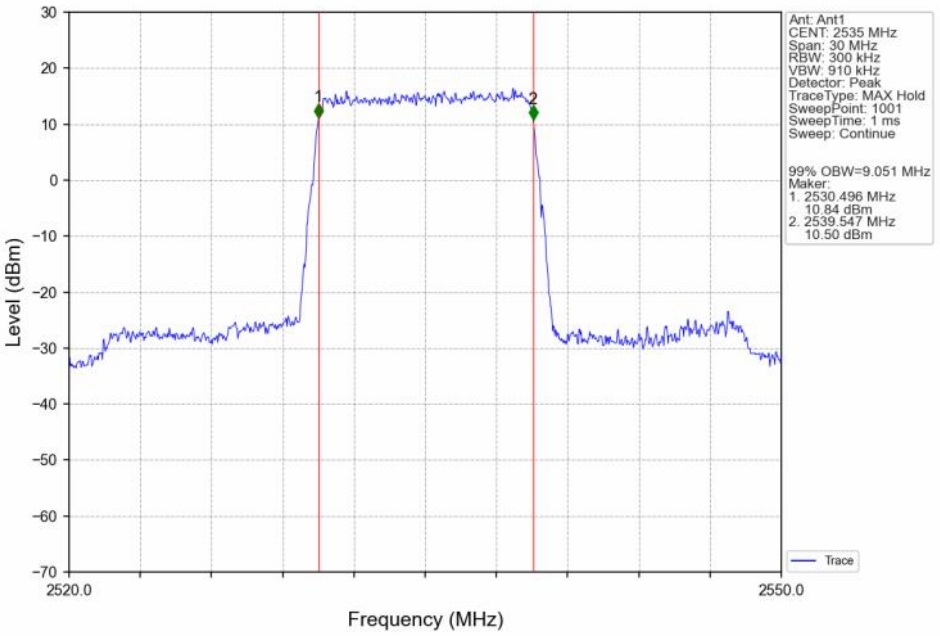
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



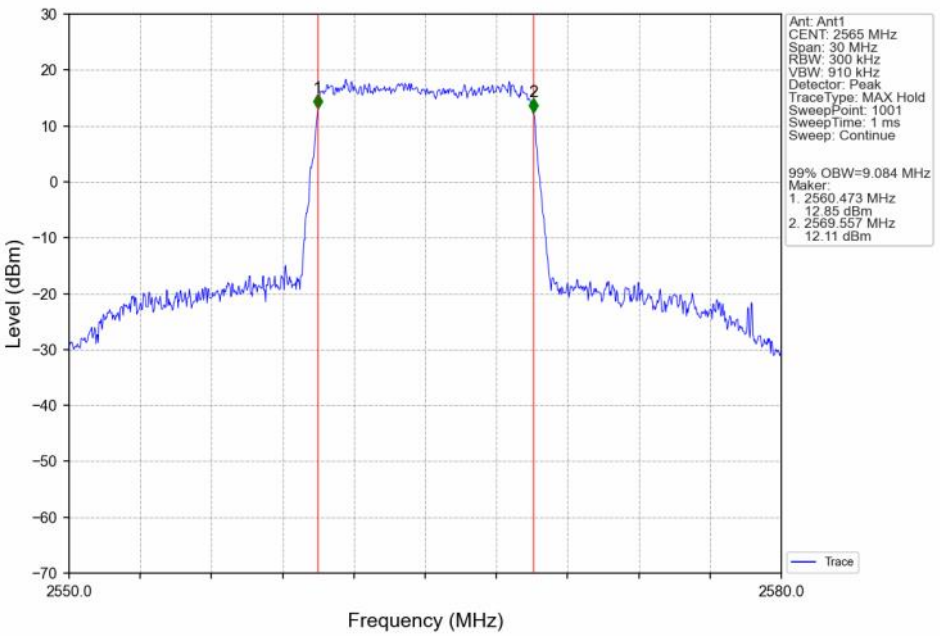
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



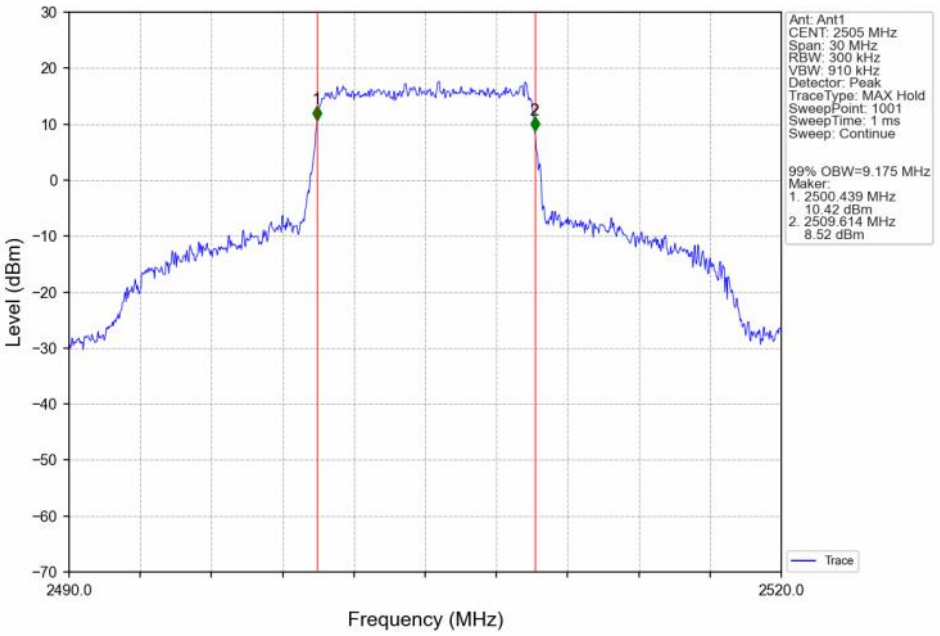
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



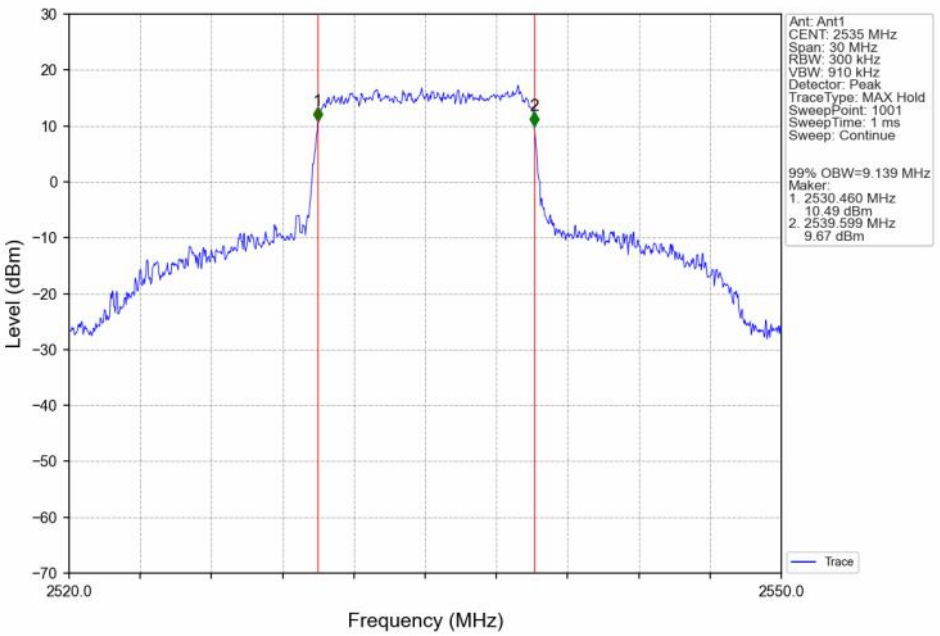
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



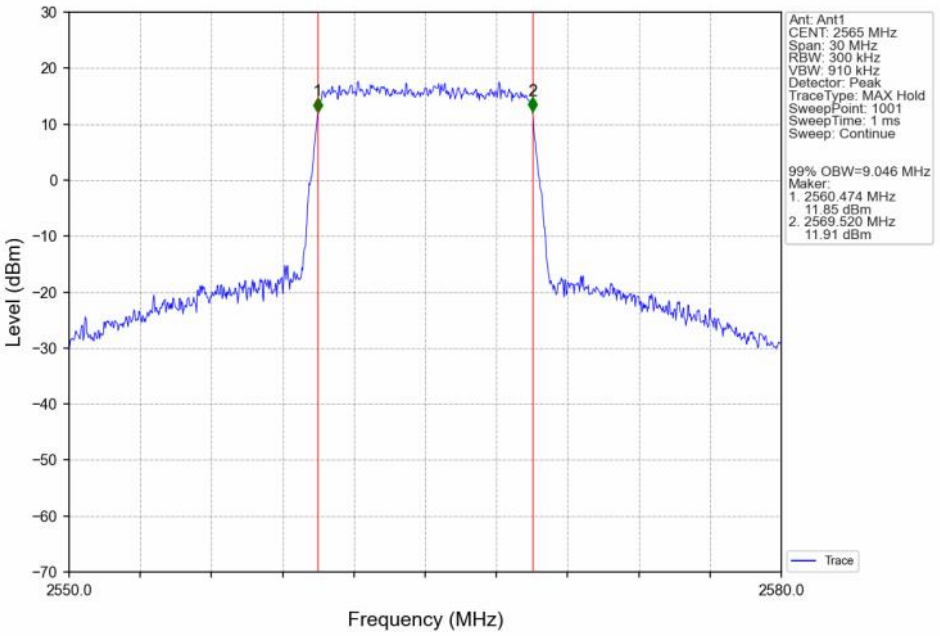
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



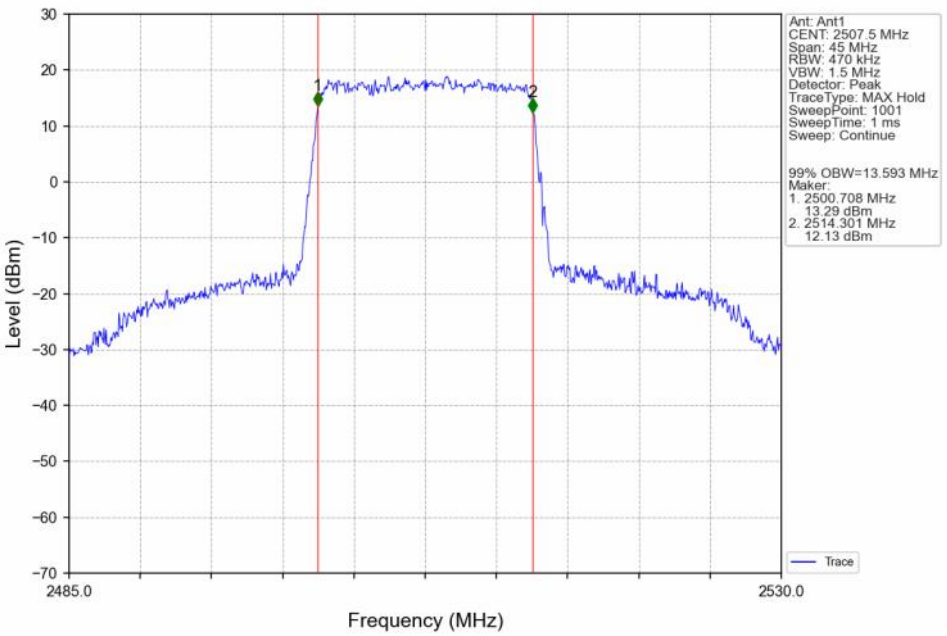
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



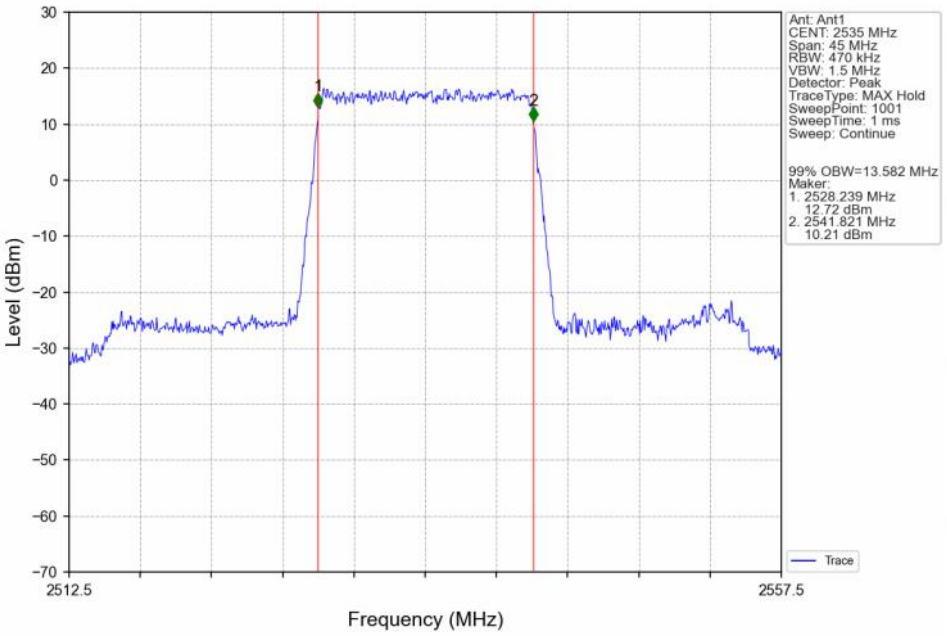
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



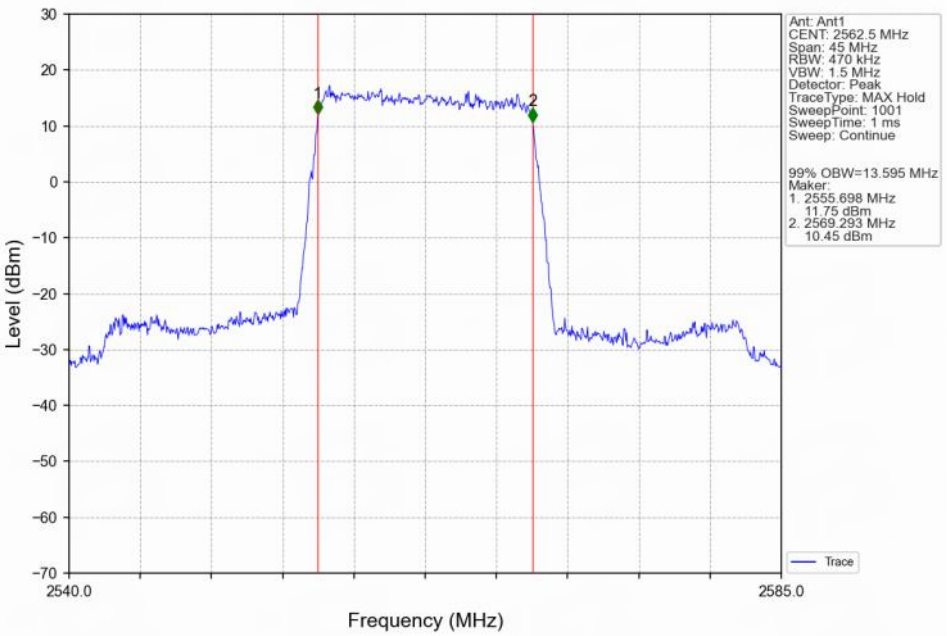
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



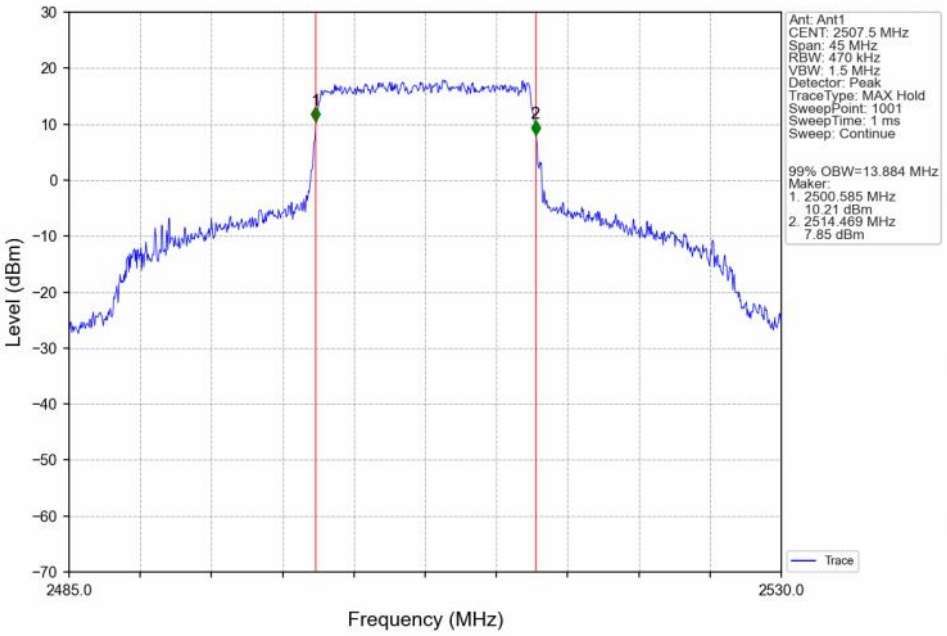
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



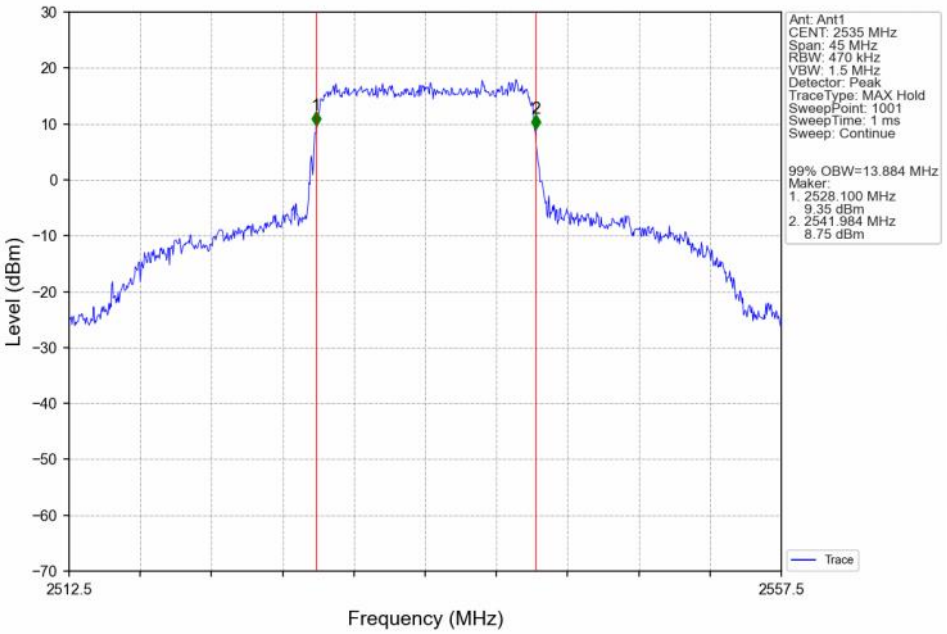
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



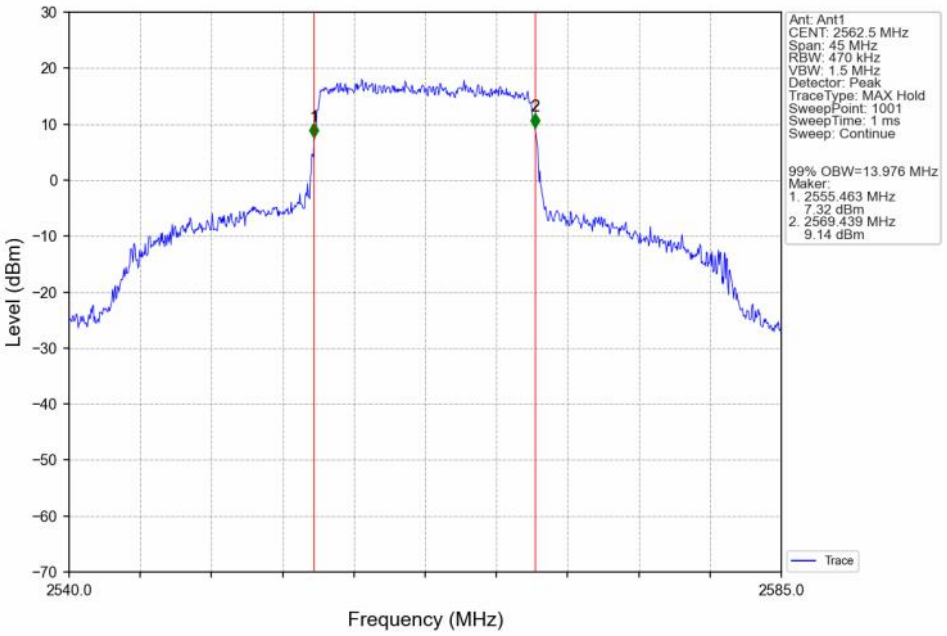
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



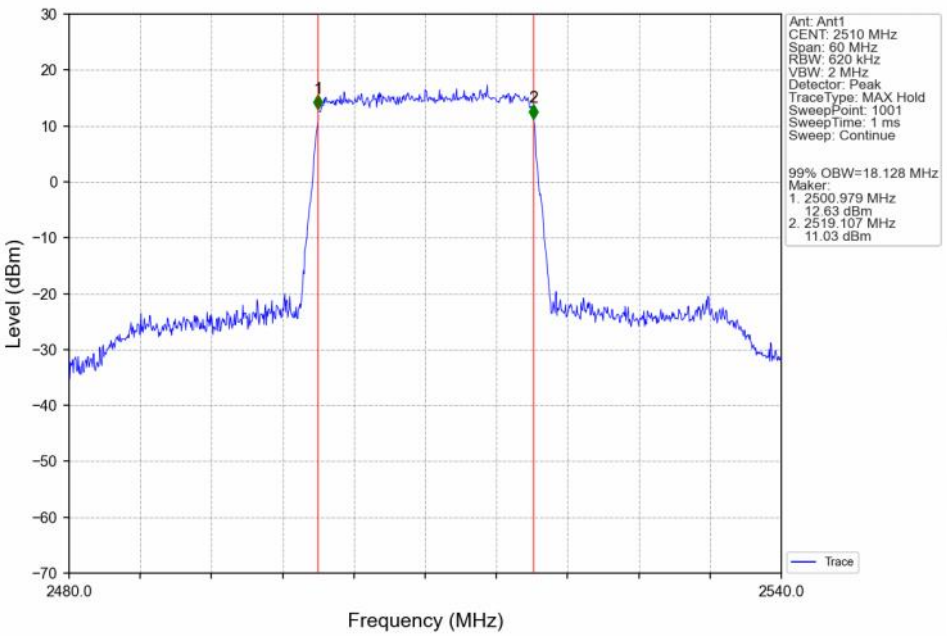
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



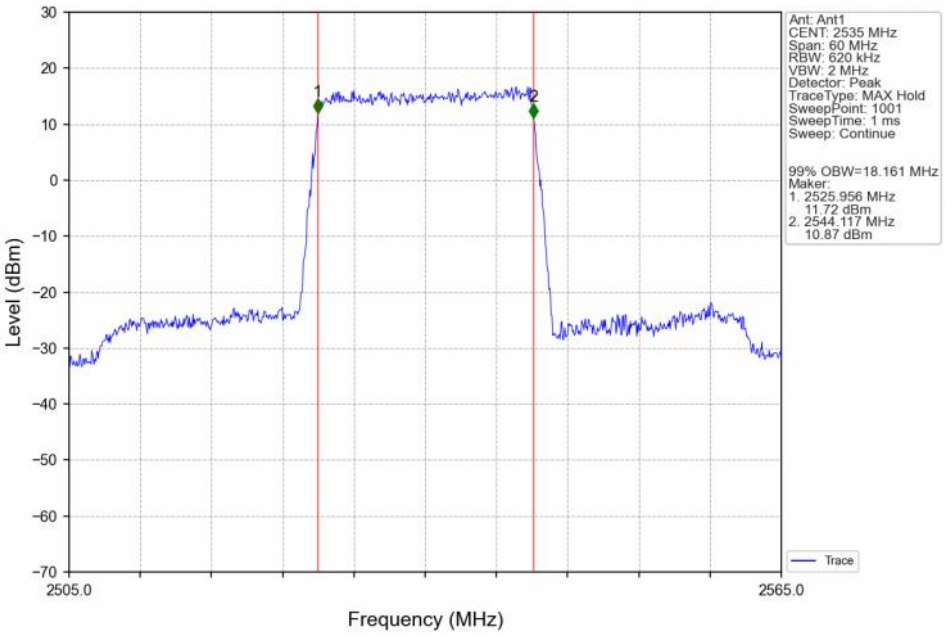
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



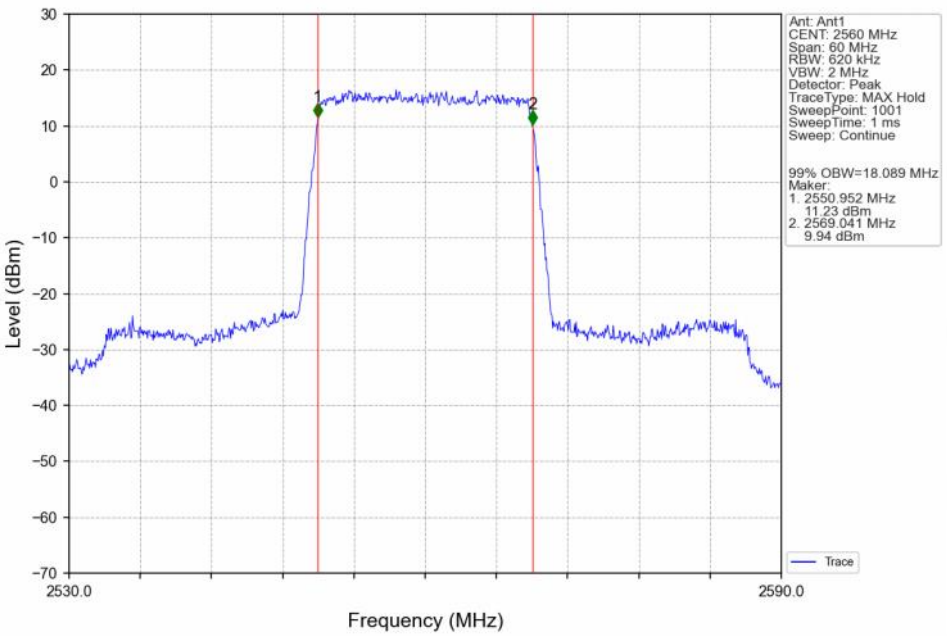
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



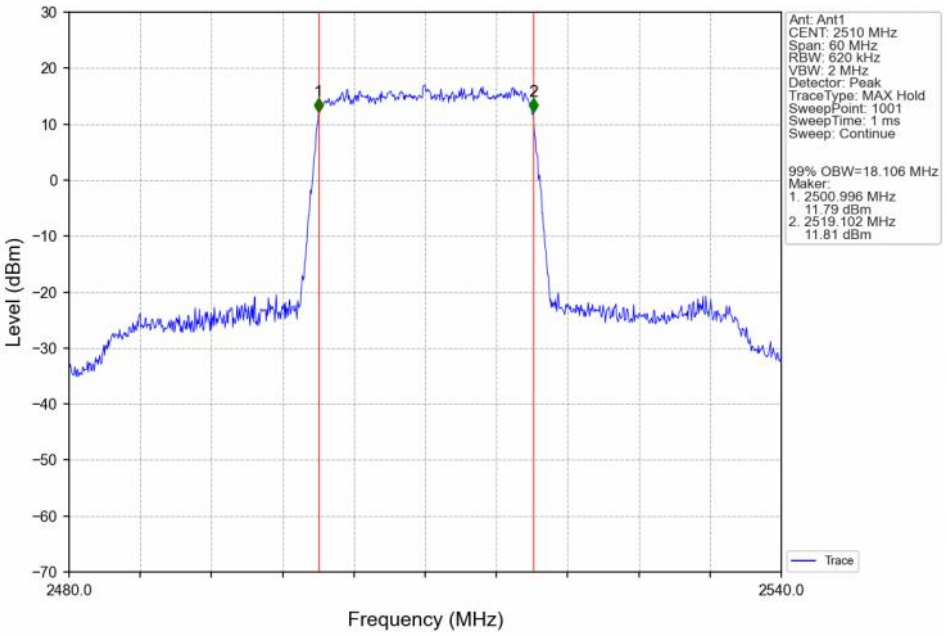
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



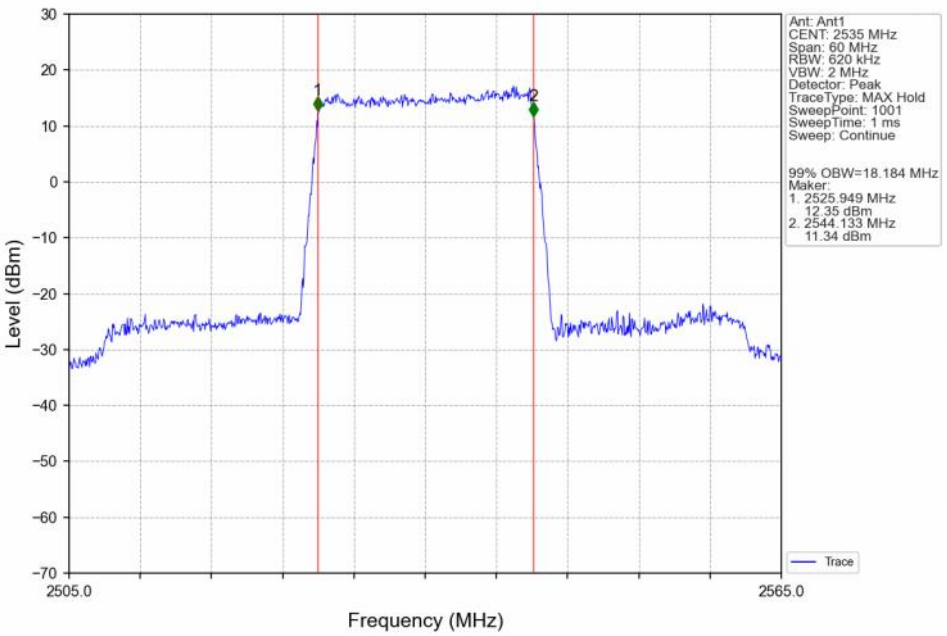
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



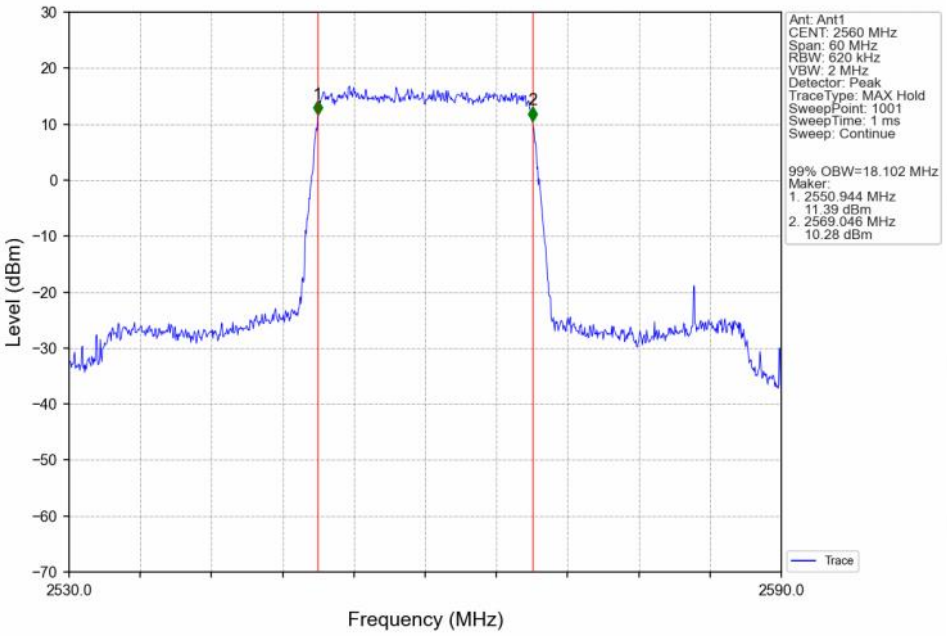
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV

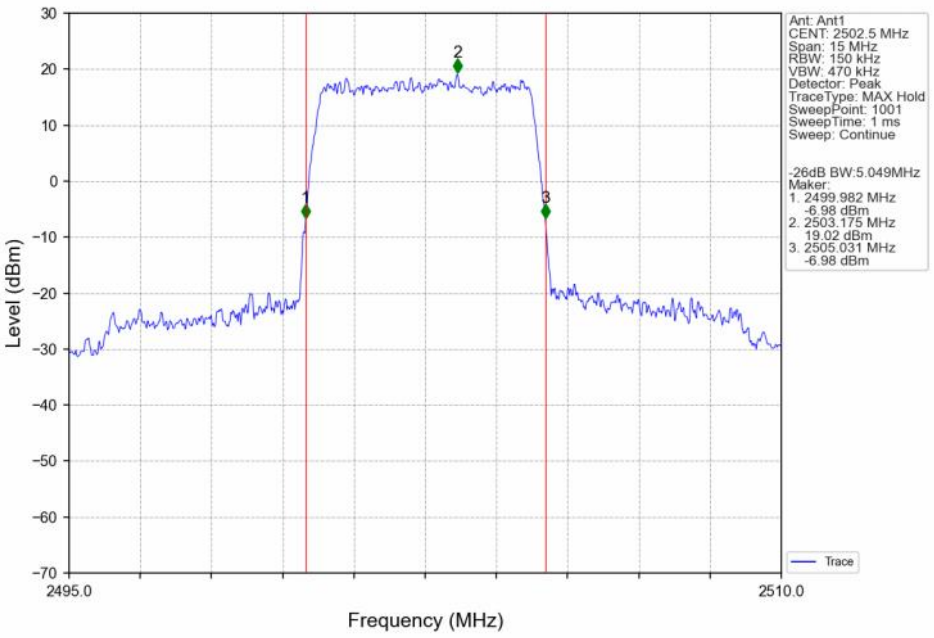


Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV

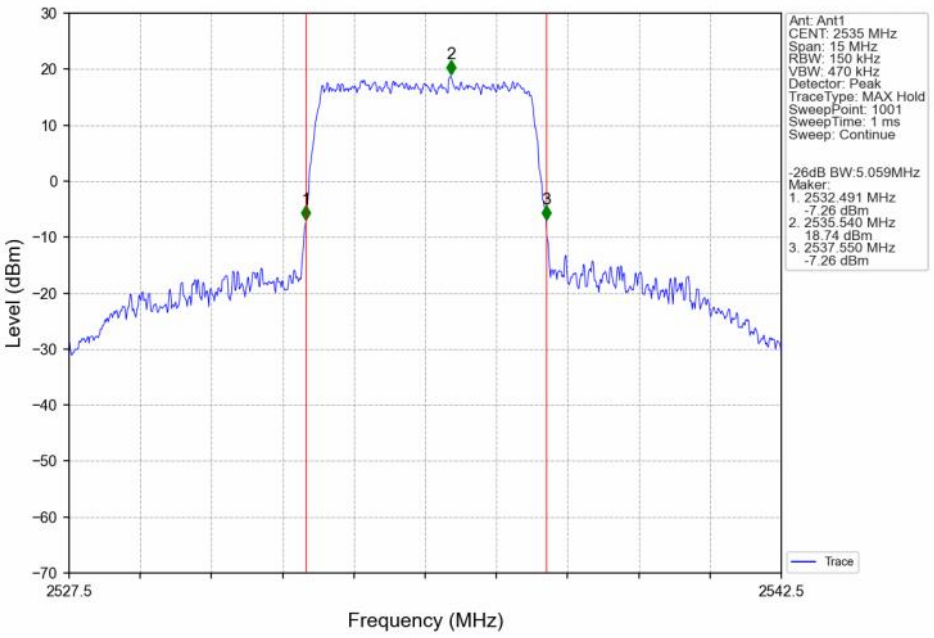


4.2.2 Band7_XDB

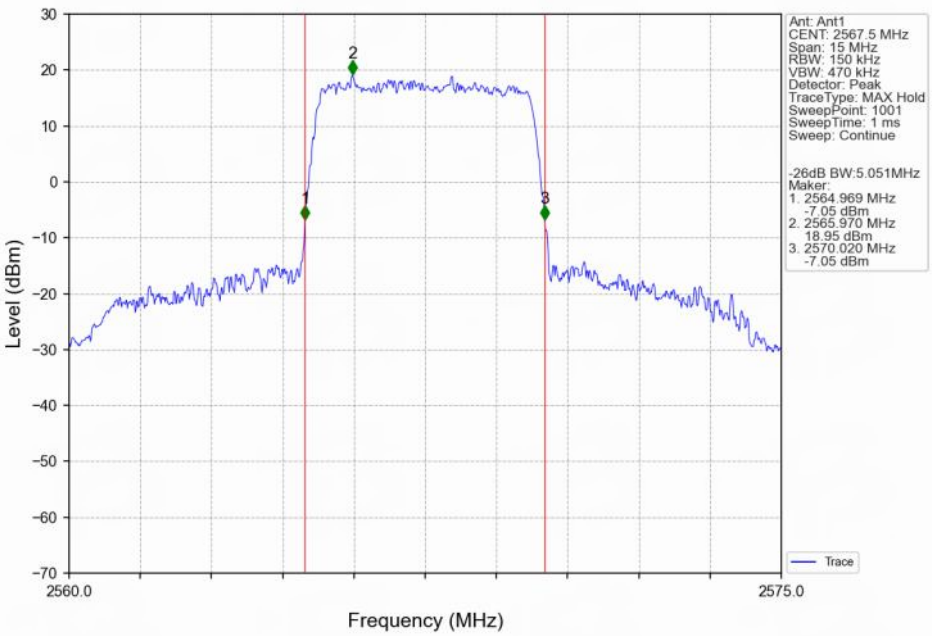
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



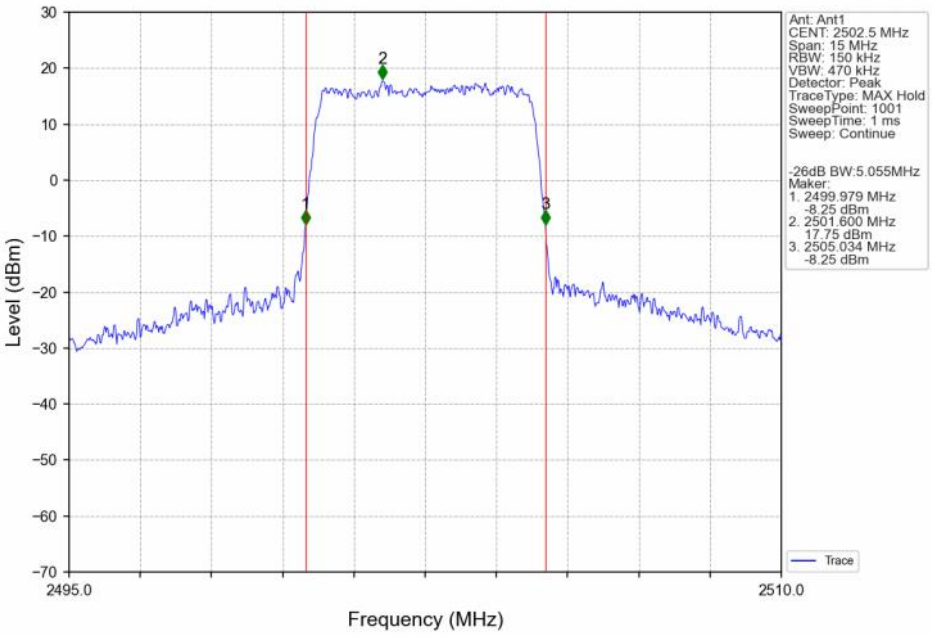
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



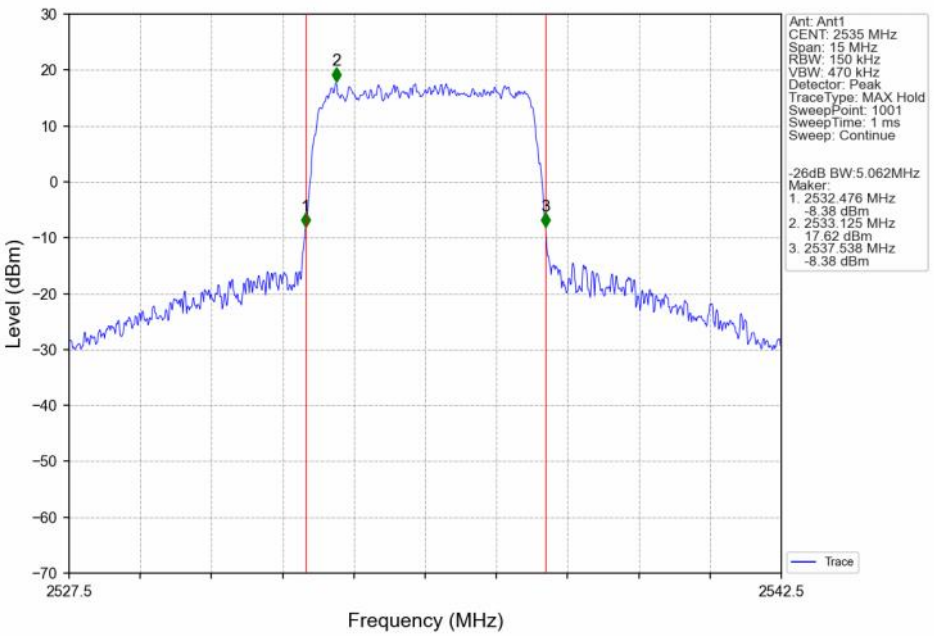
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



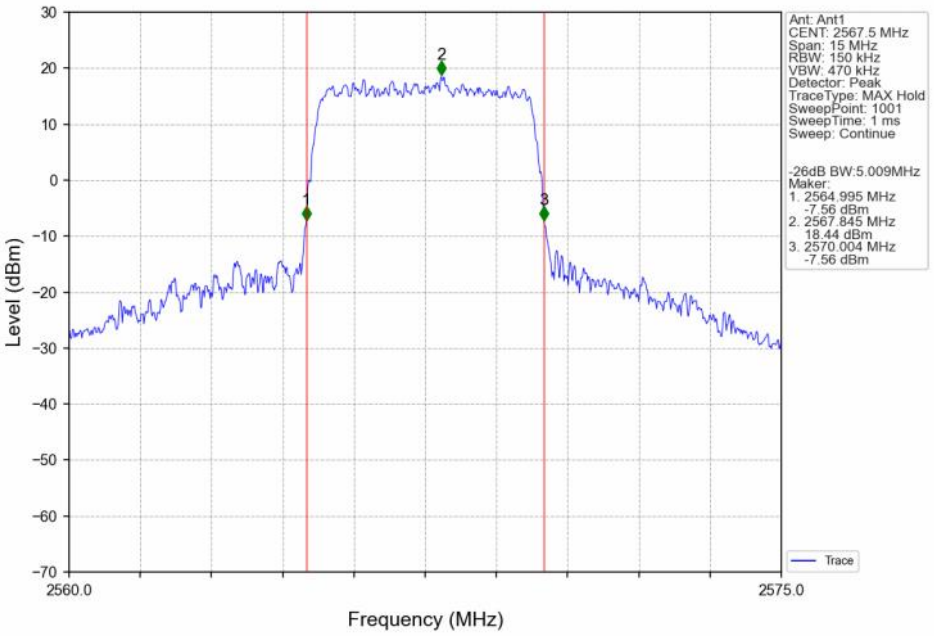
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



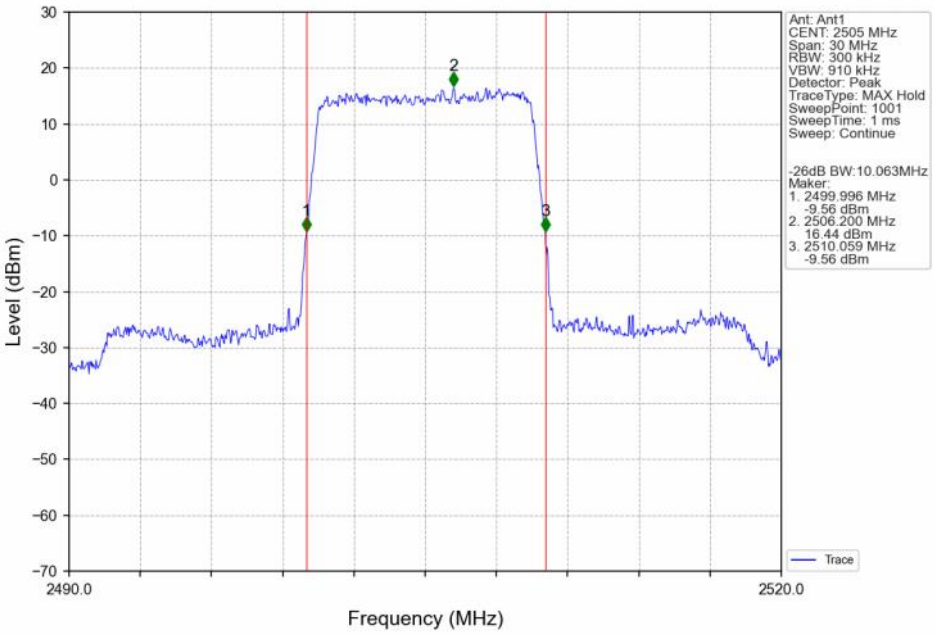
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



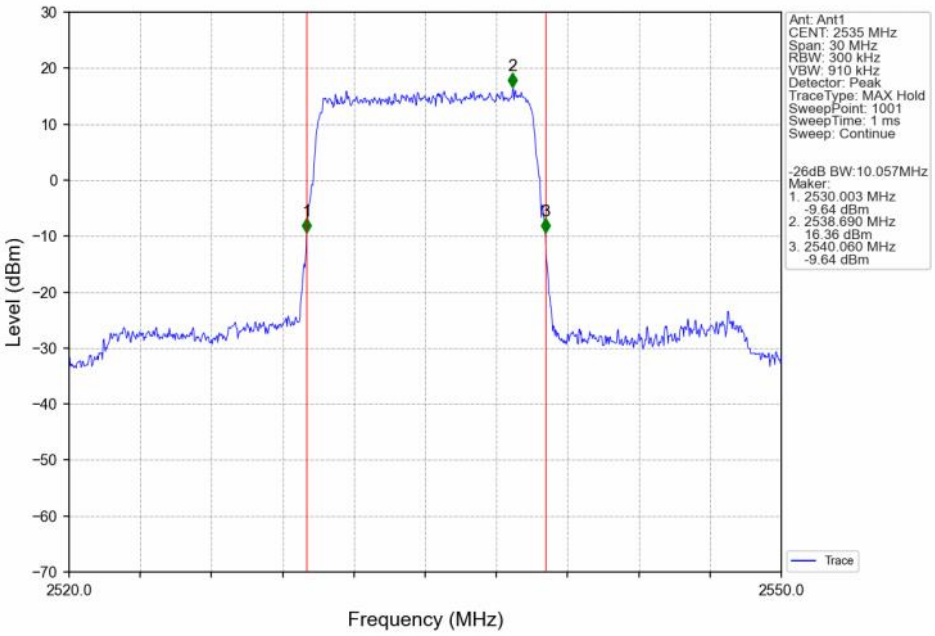
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



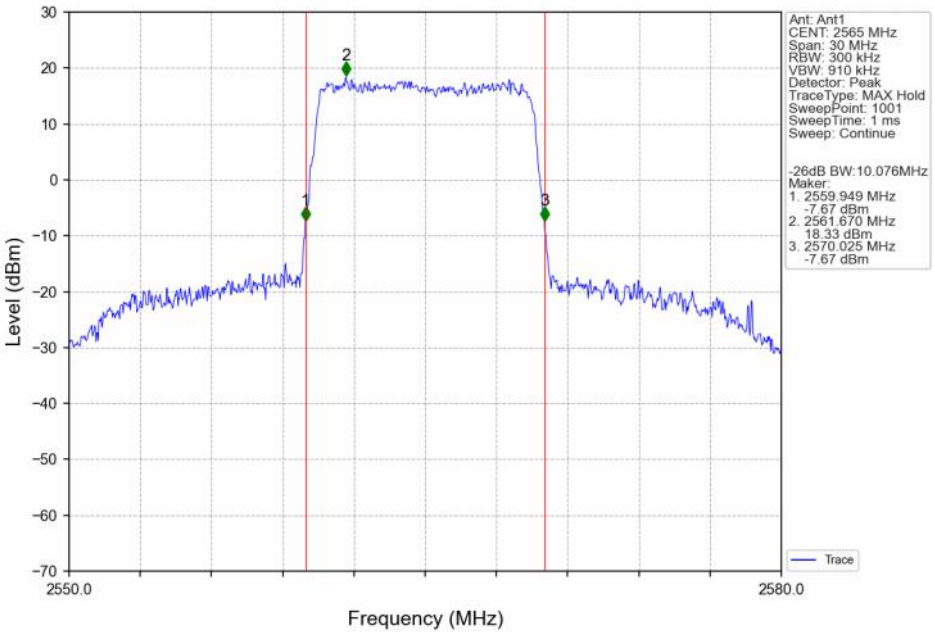
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



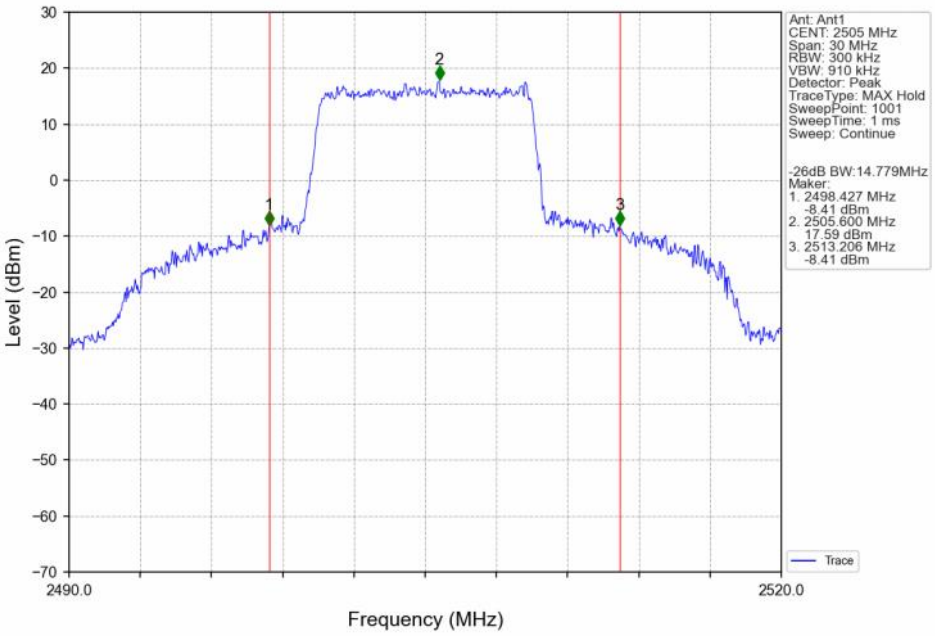
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



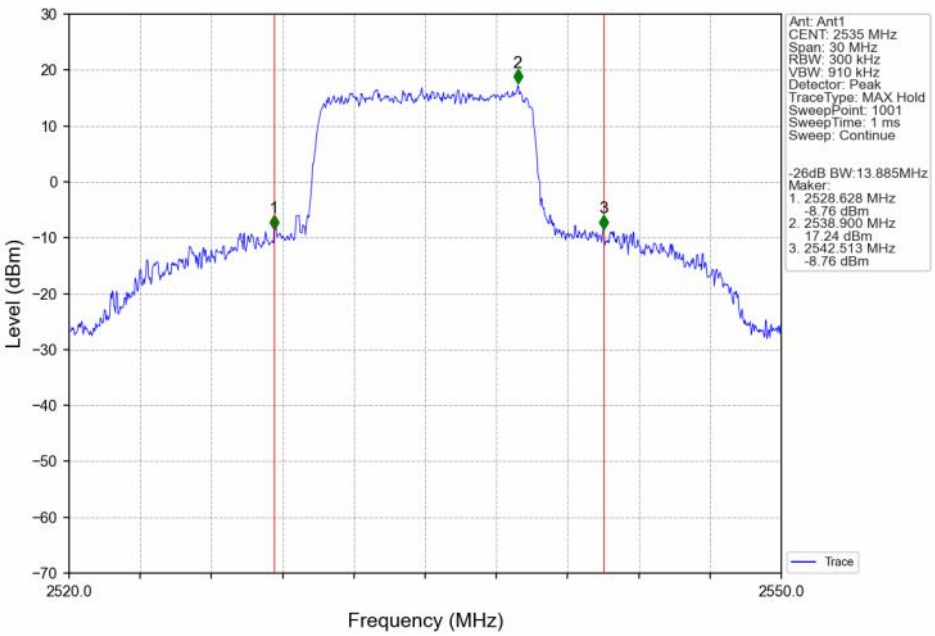
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



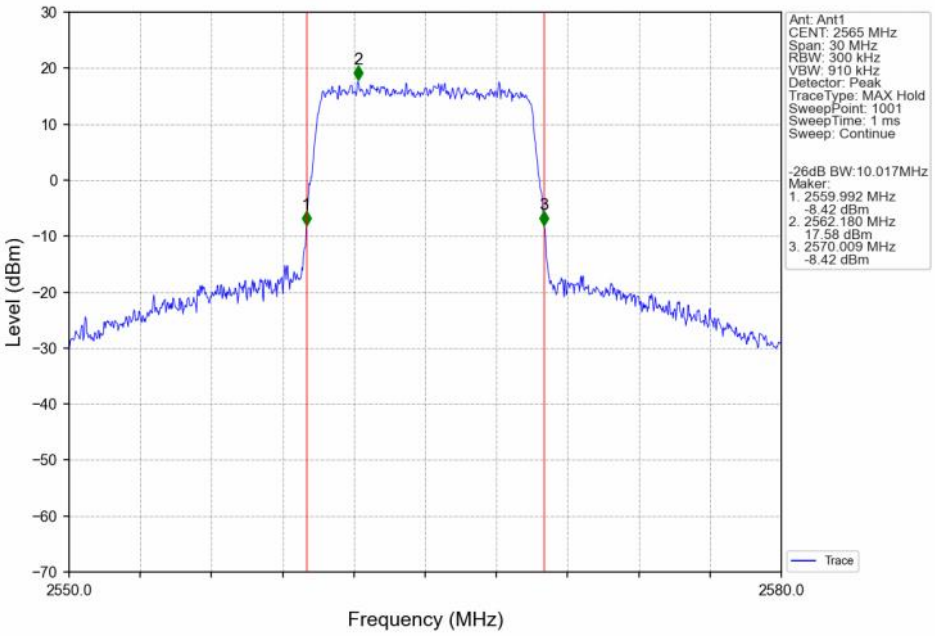
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



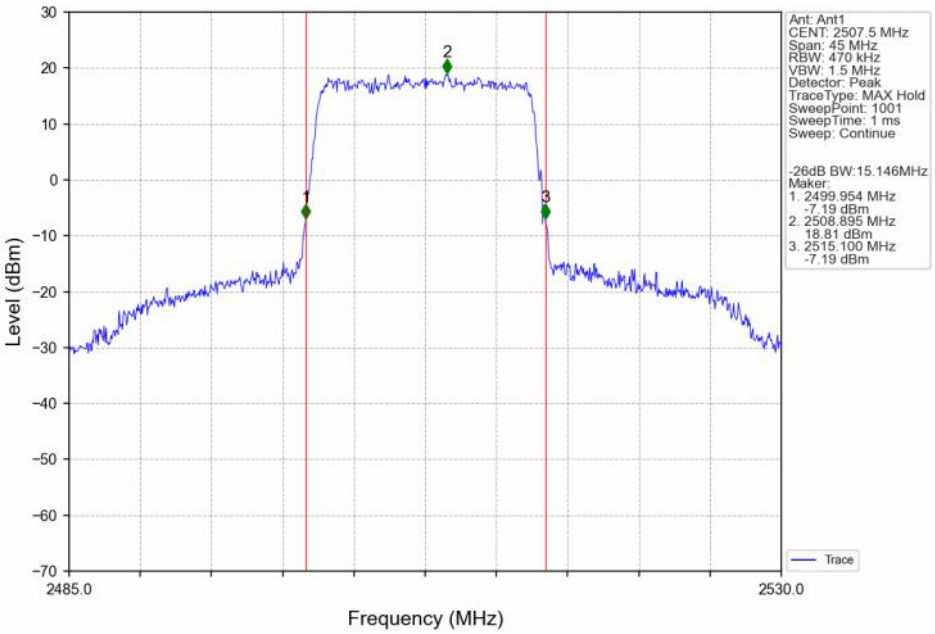
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



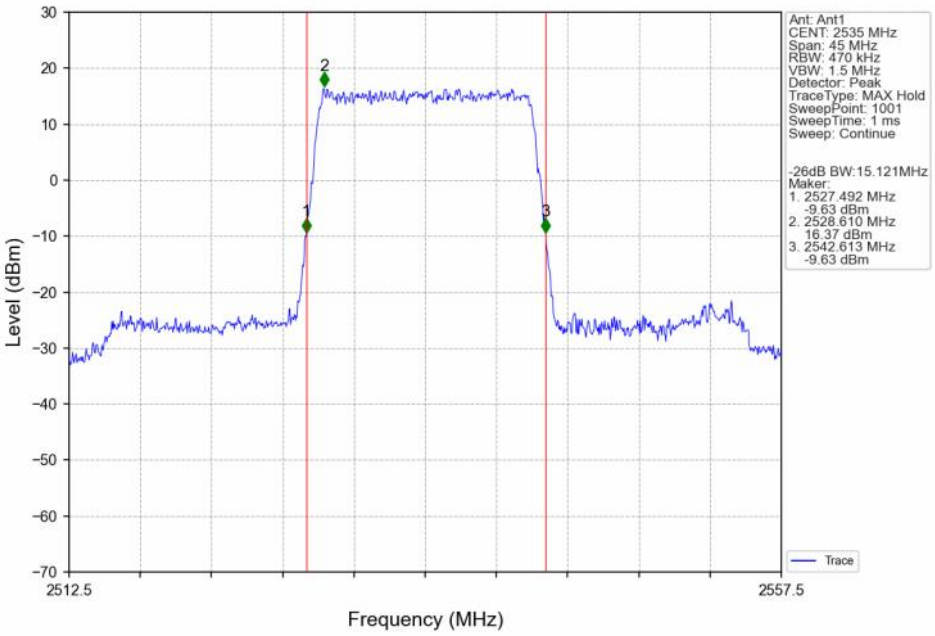
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



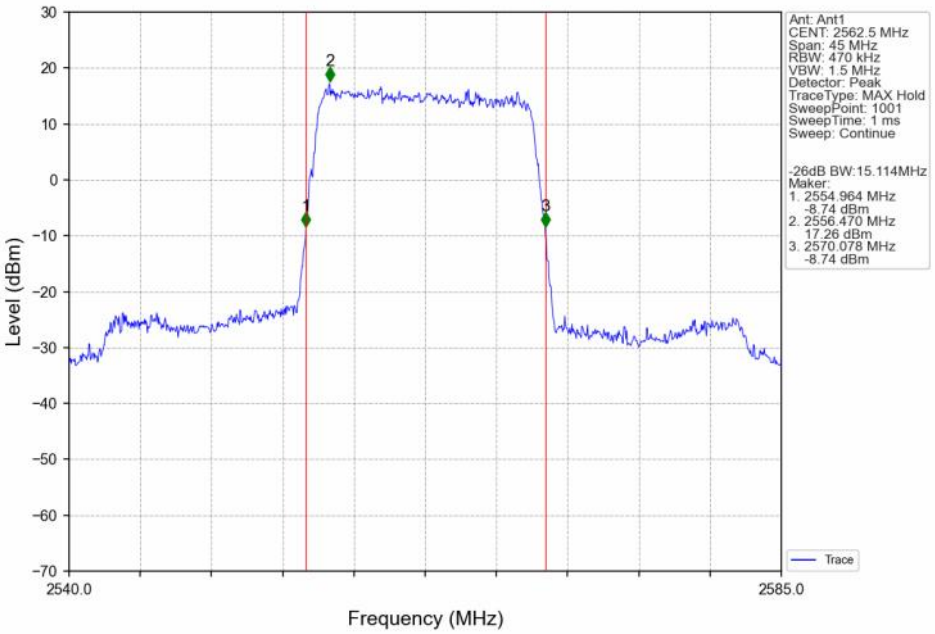
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



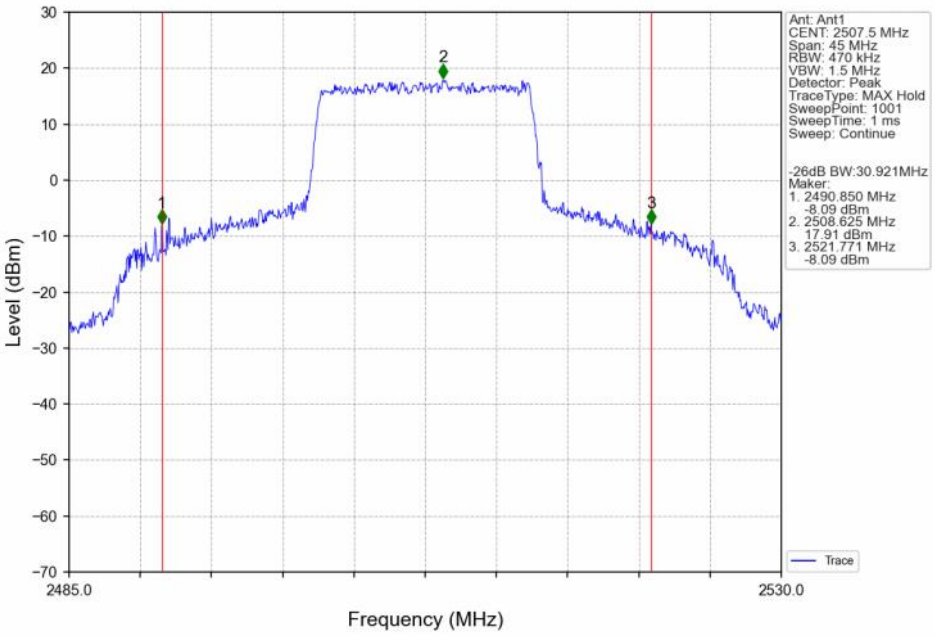
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



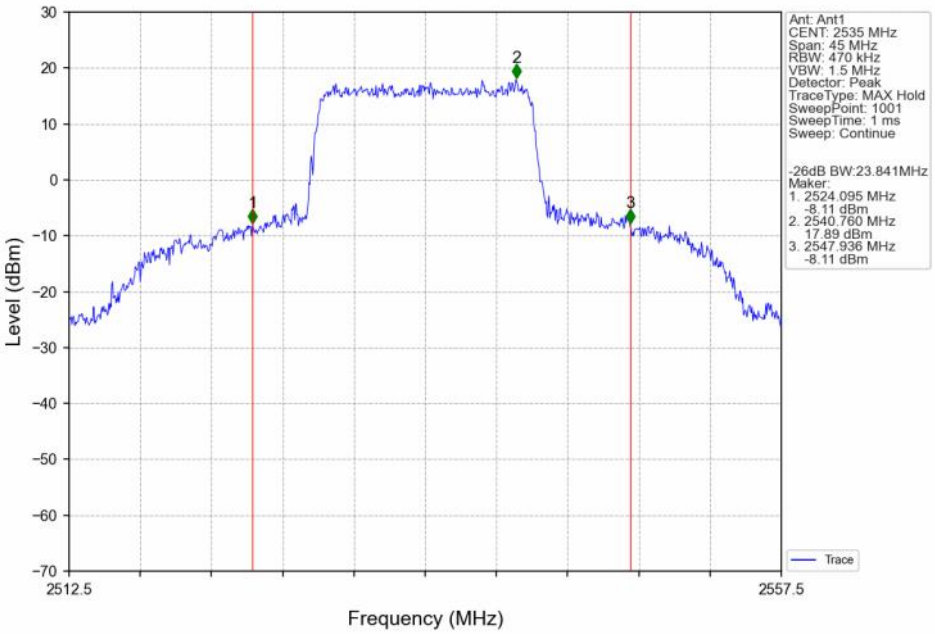
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



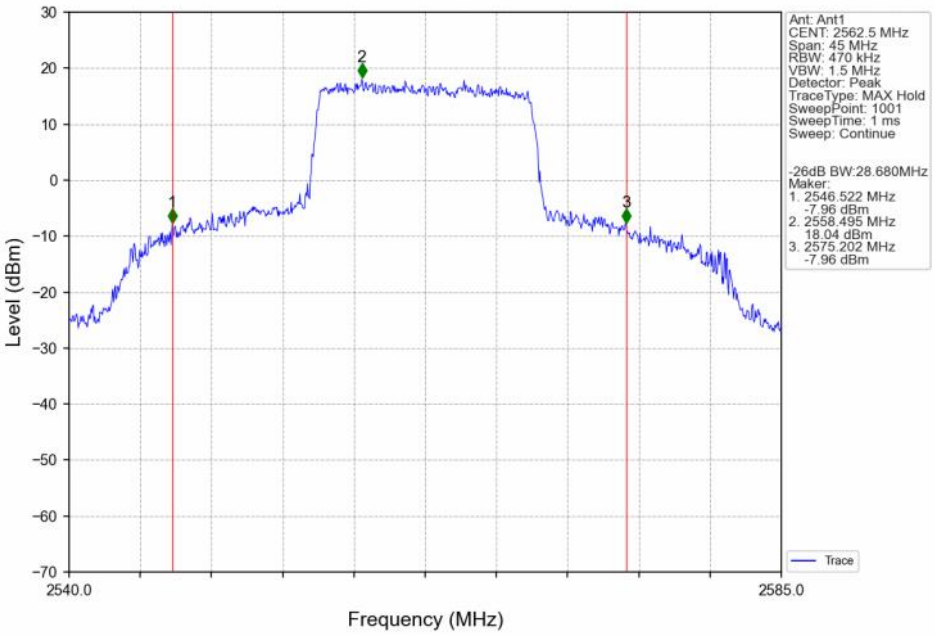
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



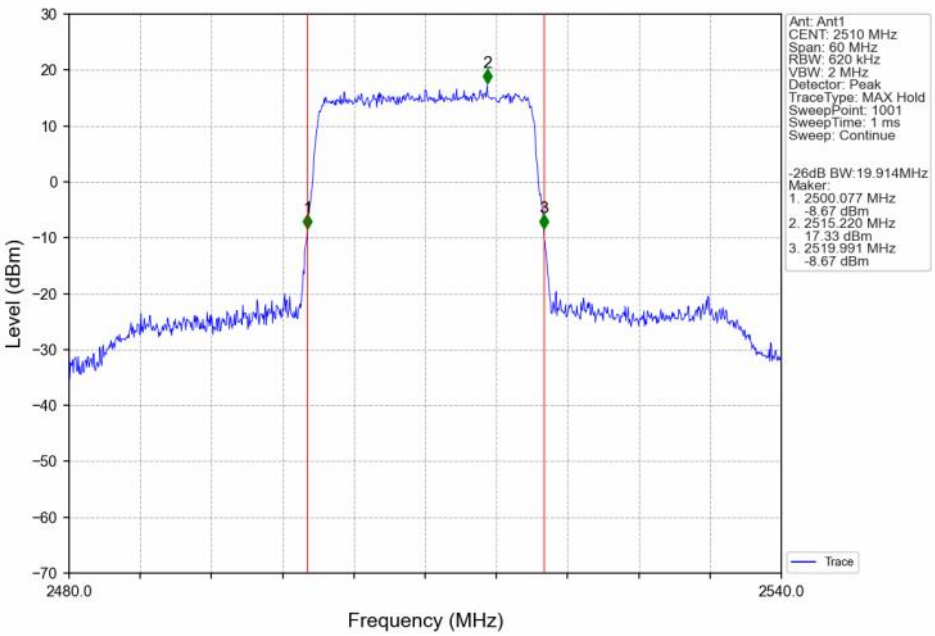
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



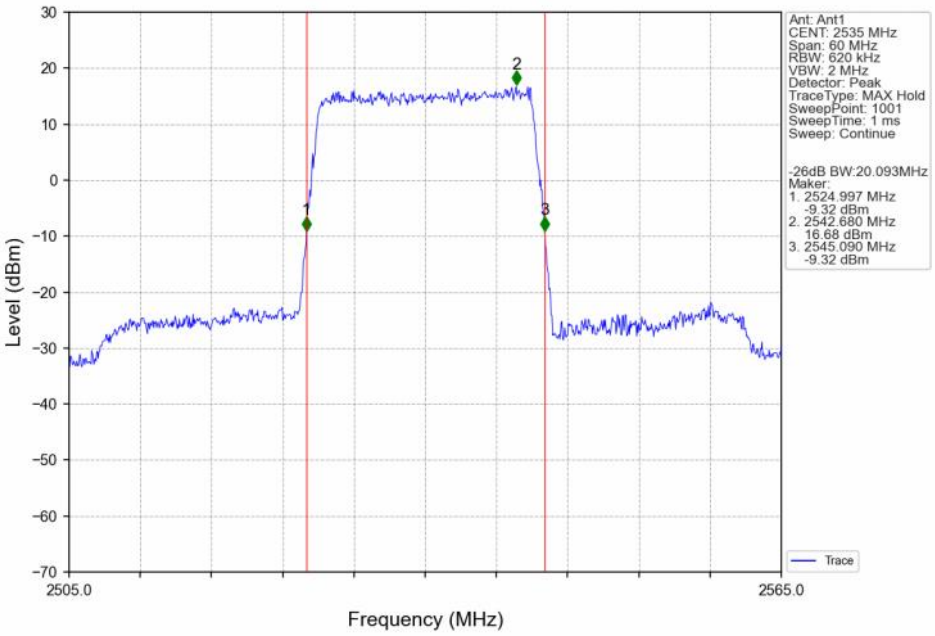
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



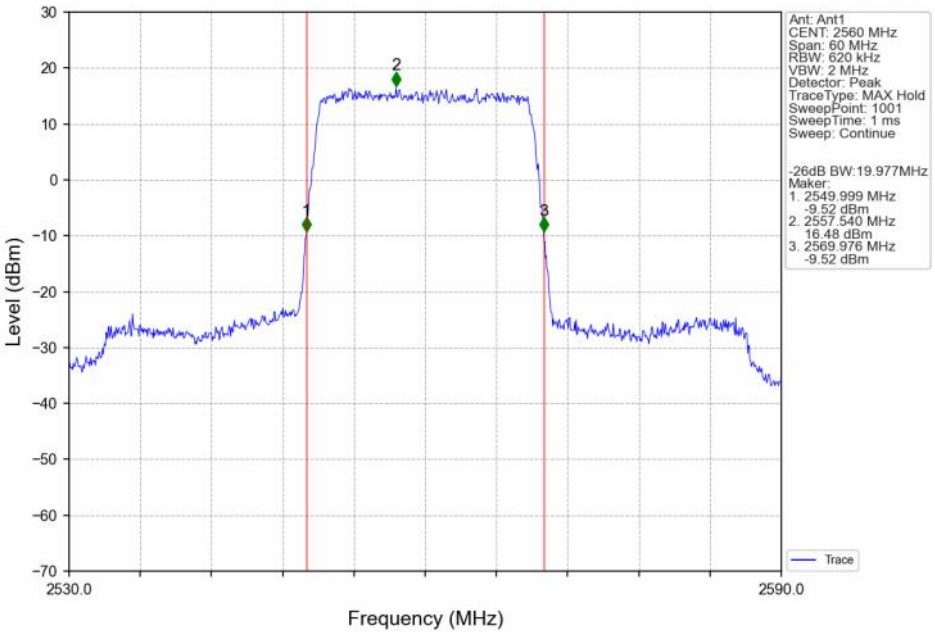
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



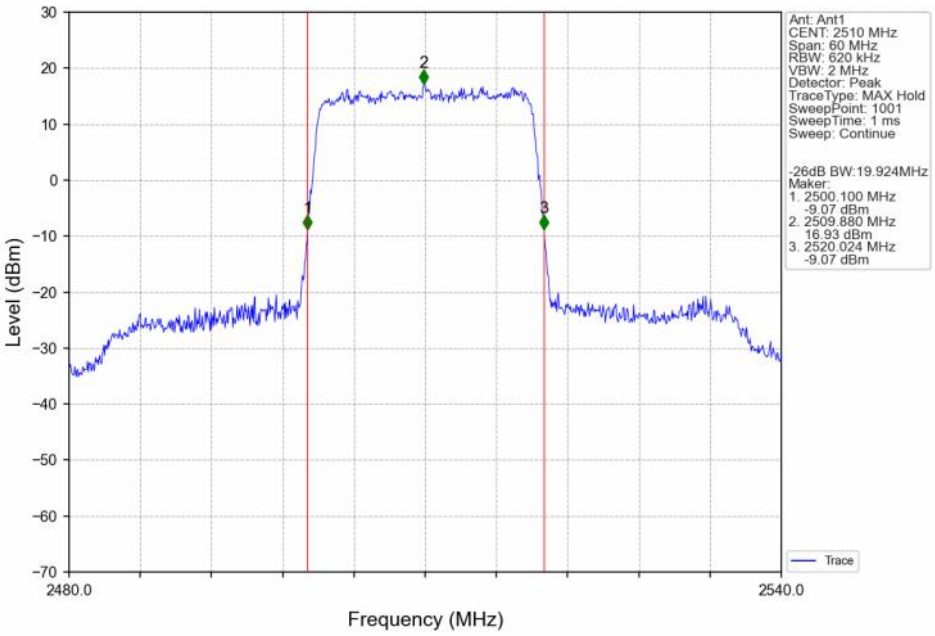
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



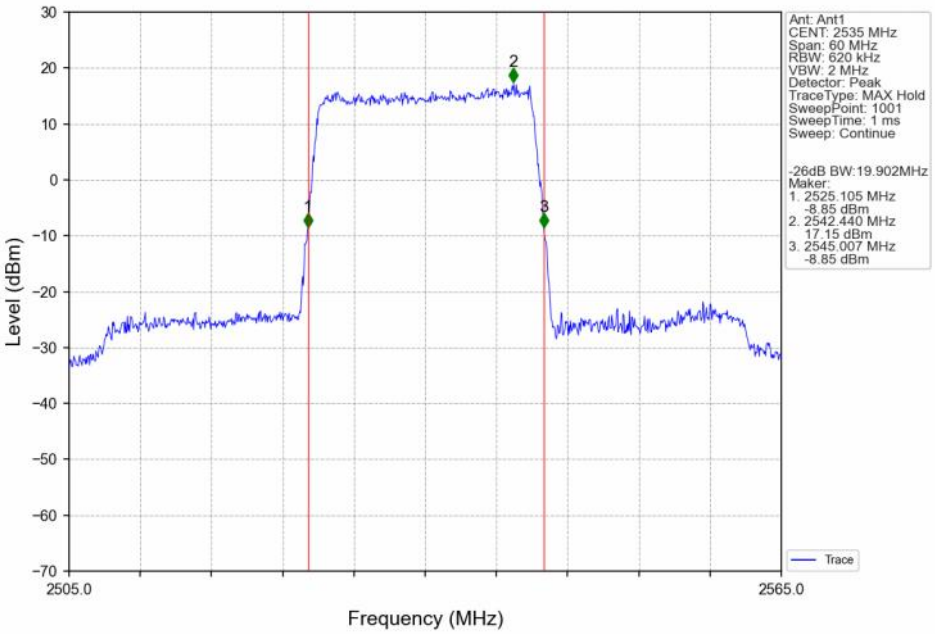
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



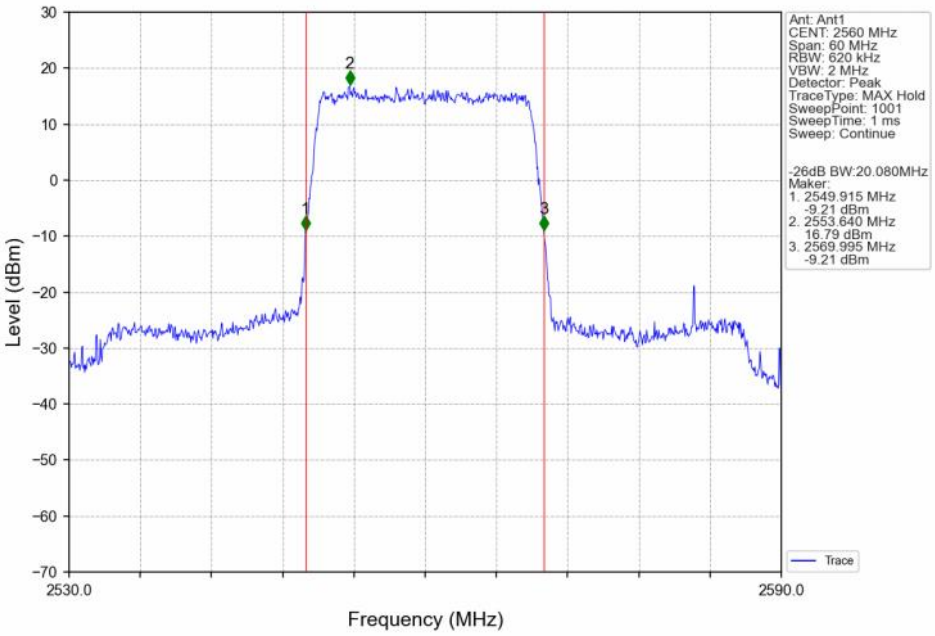
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



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	5.61	<=13	Pass
	2535	25	0	5.56	<=13	Pass
	2567.5	25	0	5.46	<=13	Pass
16QAM	2502.5	25	0	4.03	<=13	Pass
	2535	25	0	4.48	<=13	Pass
	2567.5	25	0	4.52	<=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	5.56	<=13	Pass
	2535	50	0	5.60	<=13	Pass
	2565	50	0	5.59	<=13	Pass
16QAM	2505	50	0	4.04	<=13	Pass
	2535	50	0	4.62	<=13	Pass
	2565	50	0	4.48	<=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	5.67	<=13	Pass
	2535	75	0	5.85	<=13	Pass
	2562.5	75	0	5.86	<=13	Pass
16QAM	2507.5	75	0	3.62	<=13	Pass
	2535	75	0	4.28	<=13	Pass
	2562.5	75	0	4.10	<=13	Pass

5.1.4 B7_20MHz

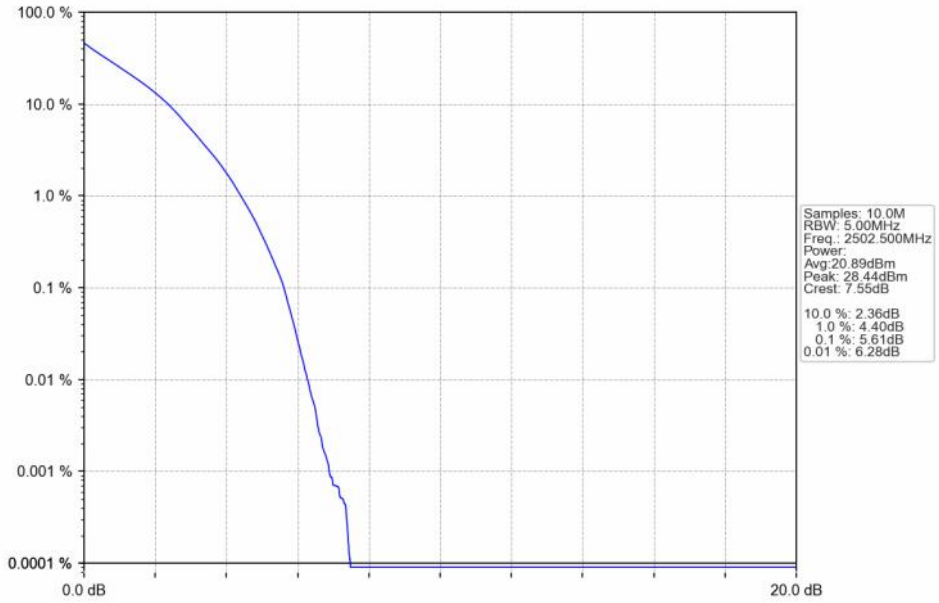
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.42	<=13	Pass
	2535	100	0	5.66	<=13	Pass
	2560	100	0	5.58	<=13	Pass
16QAM	2510	100	0	4.07	<=13	Pass
	2535	100	0	4.74	<=13	Pass

	2560	100	0	4.44	<=13	Pass

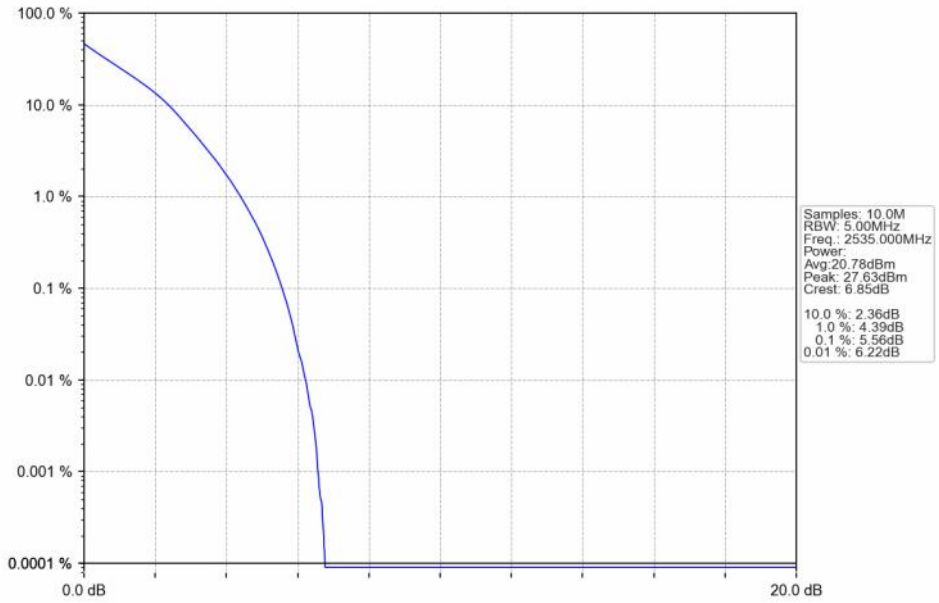
5.2 Test Graph

5.2.1 B7_5MHz

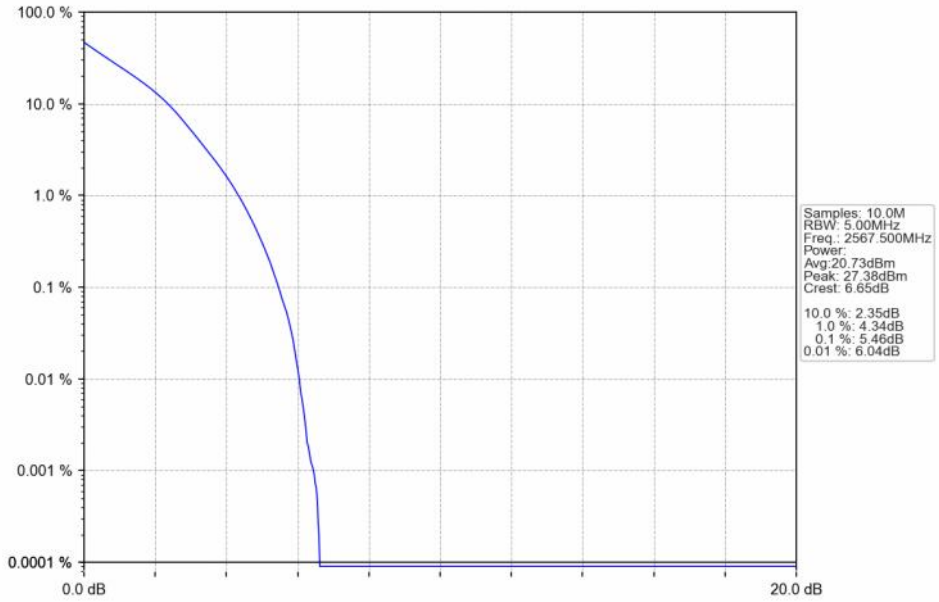
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



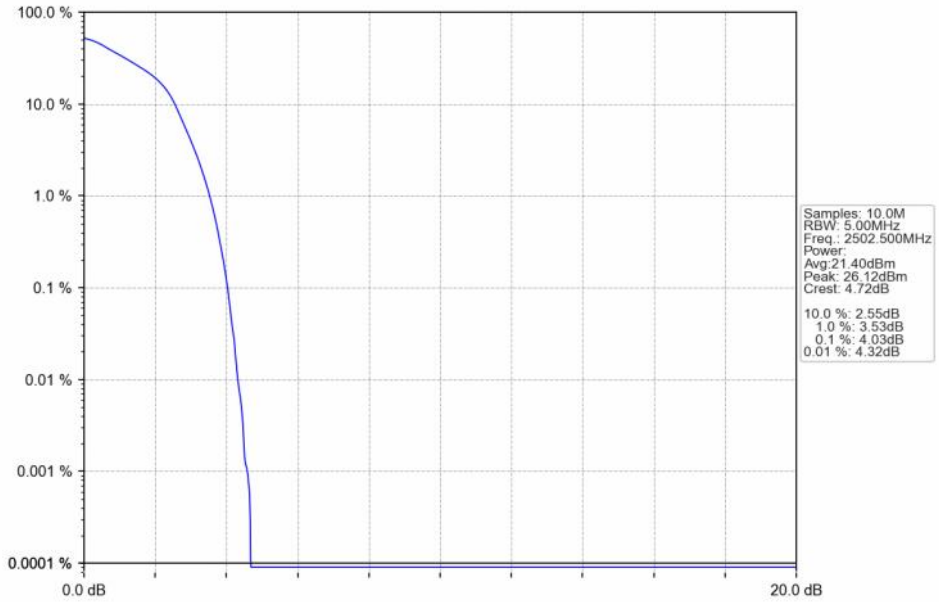
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



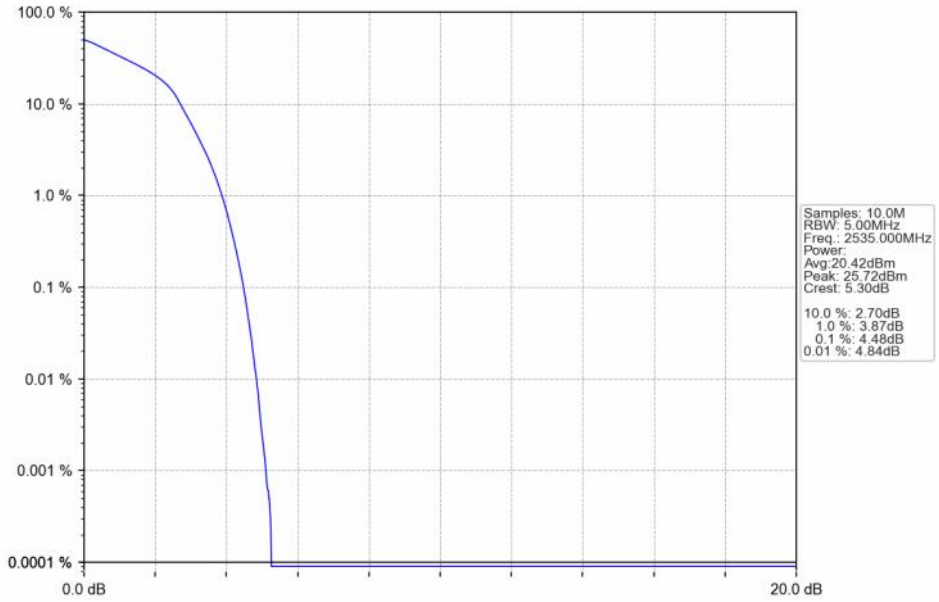
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



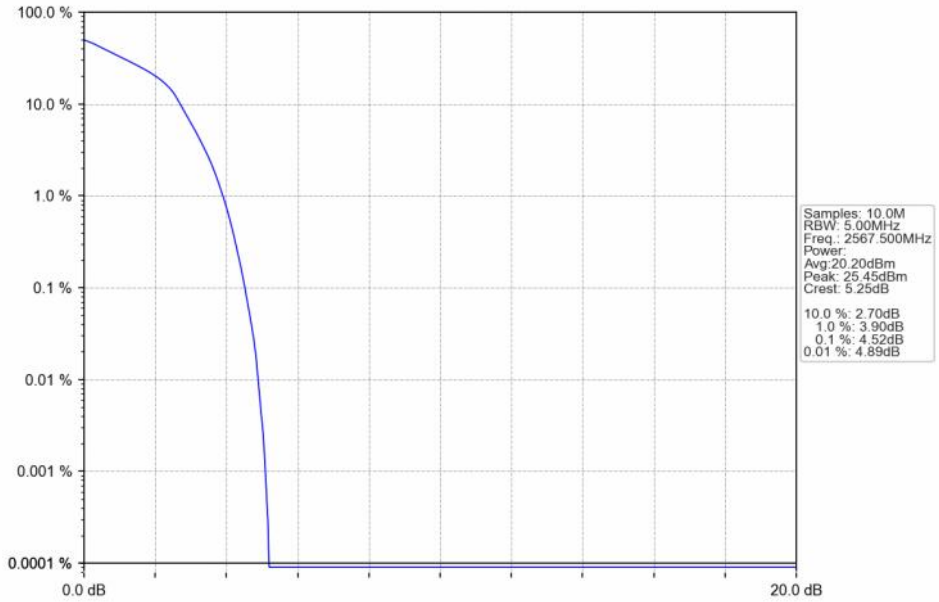
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV

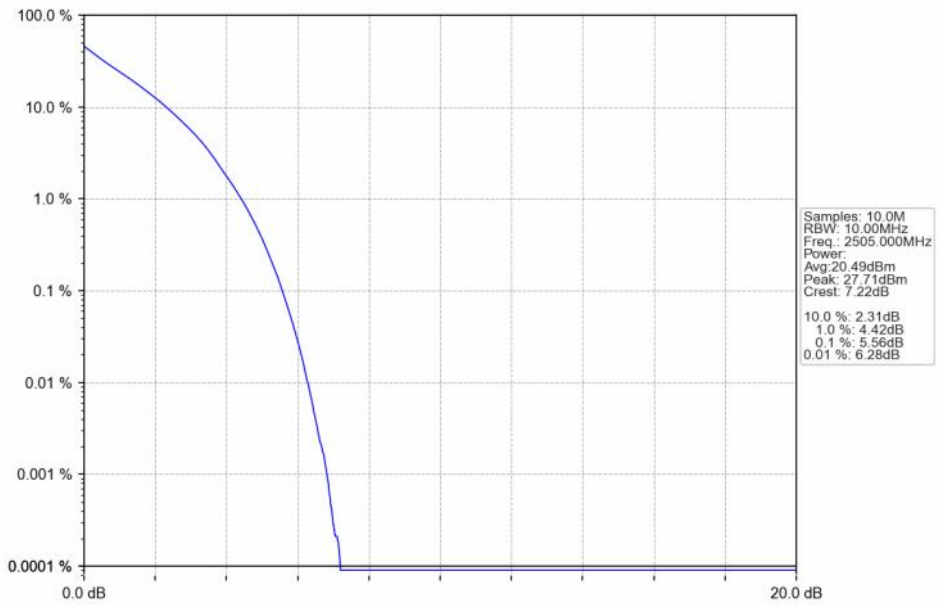


Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV

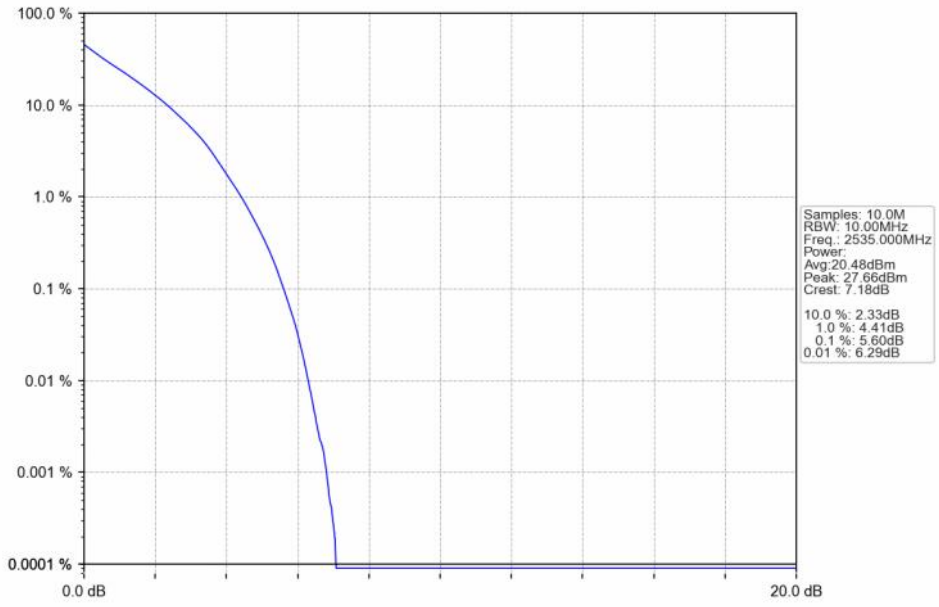


5.2.2 B7_10MHz

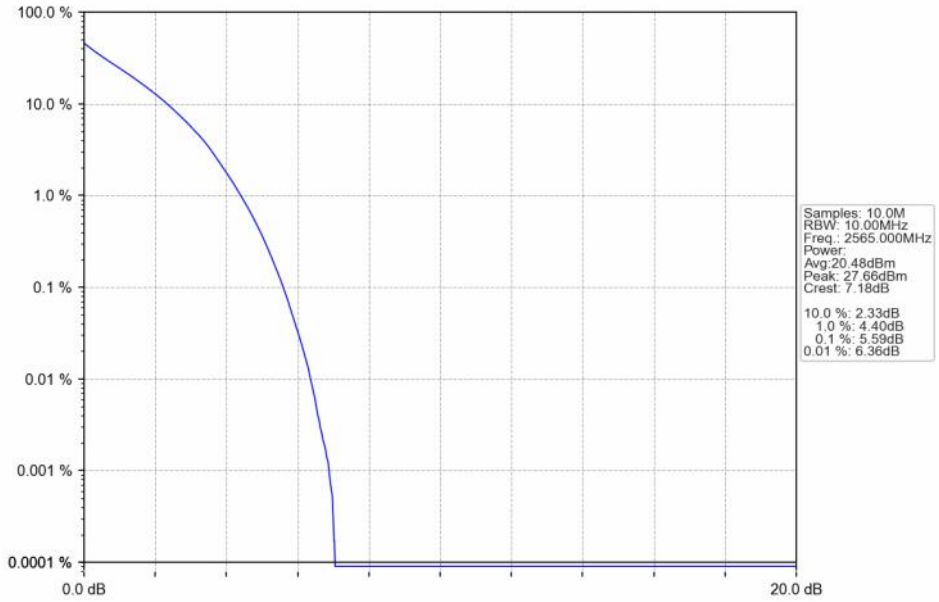
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



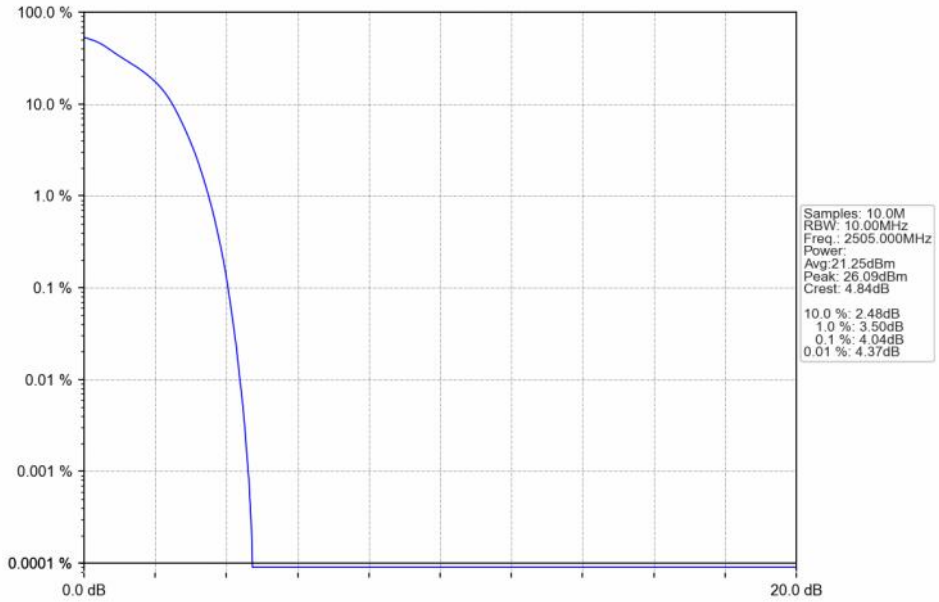
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



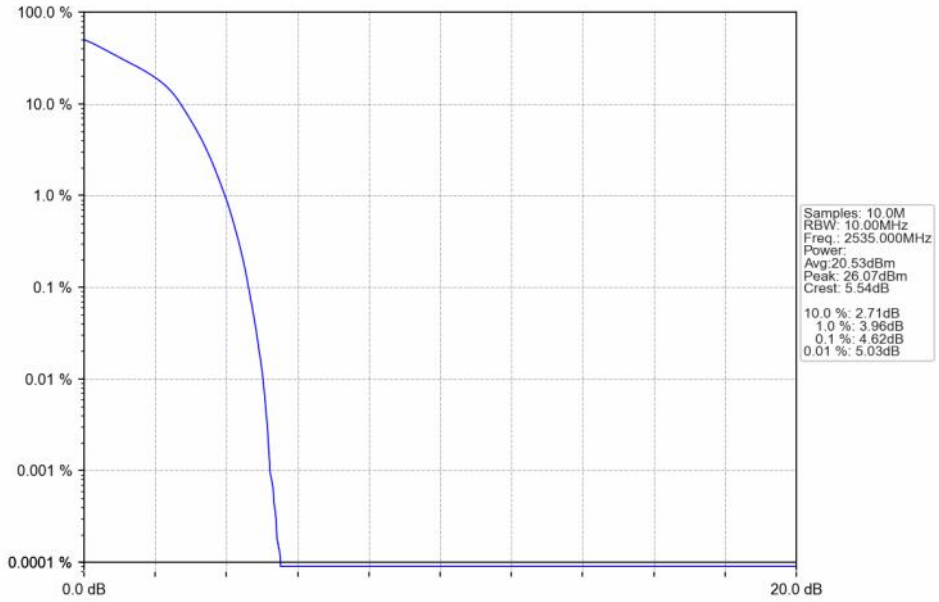
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



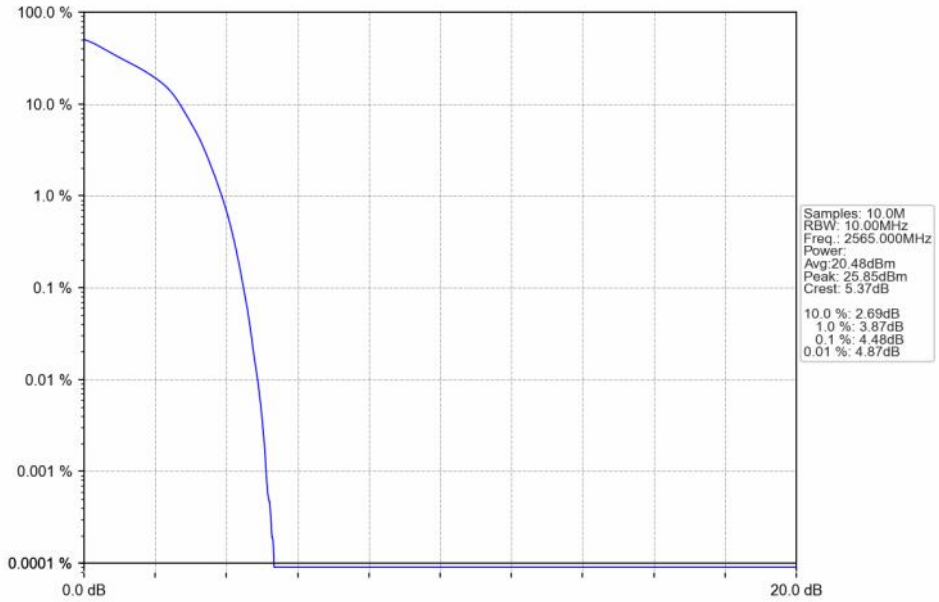
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV

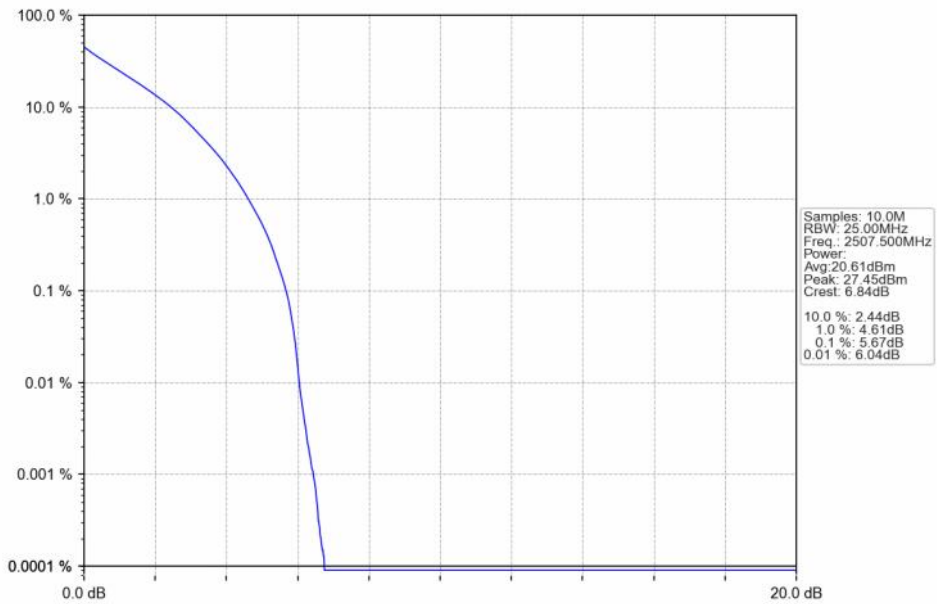


Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV

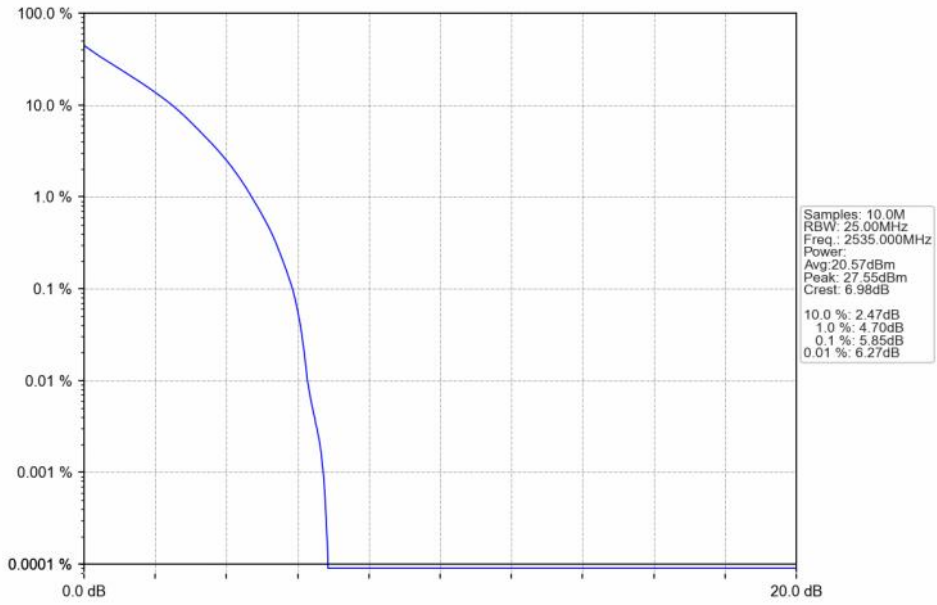


5.2.3 B7_15MHz

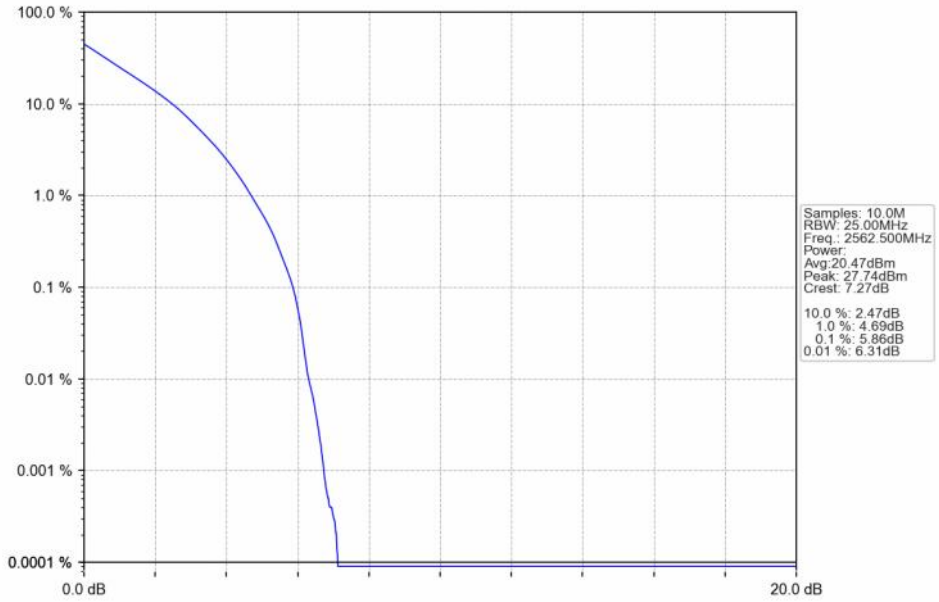
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



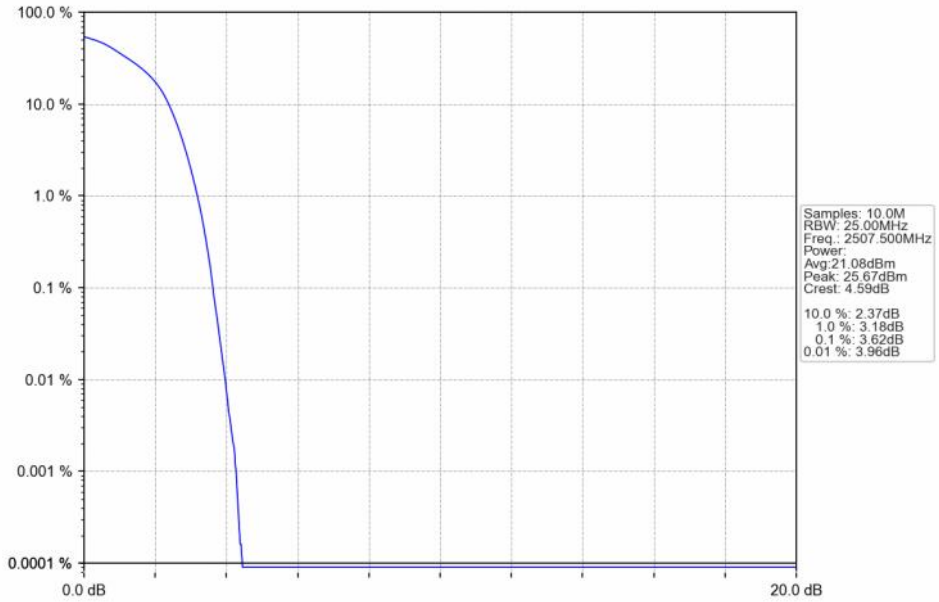
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



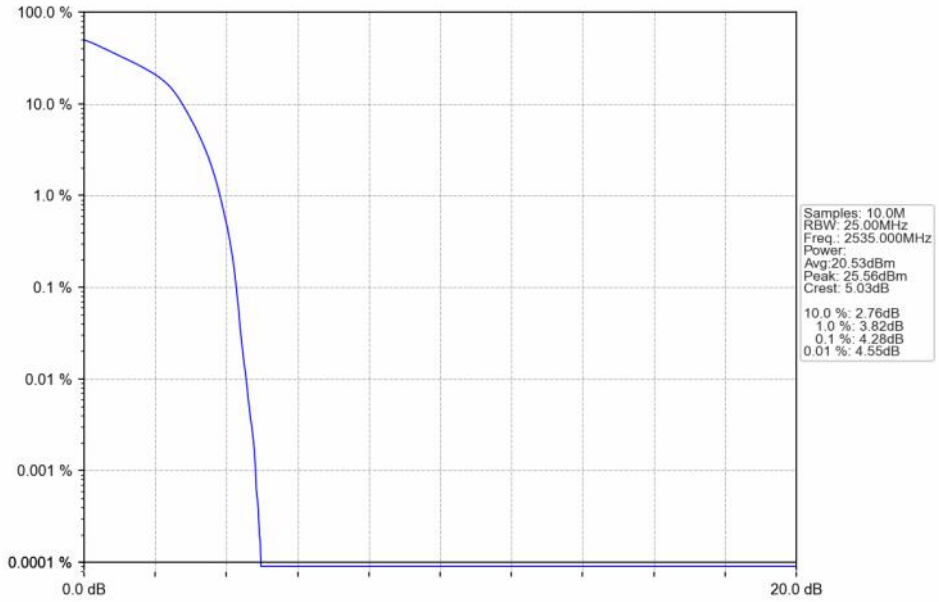
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



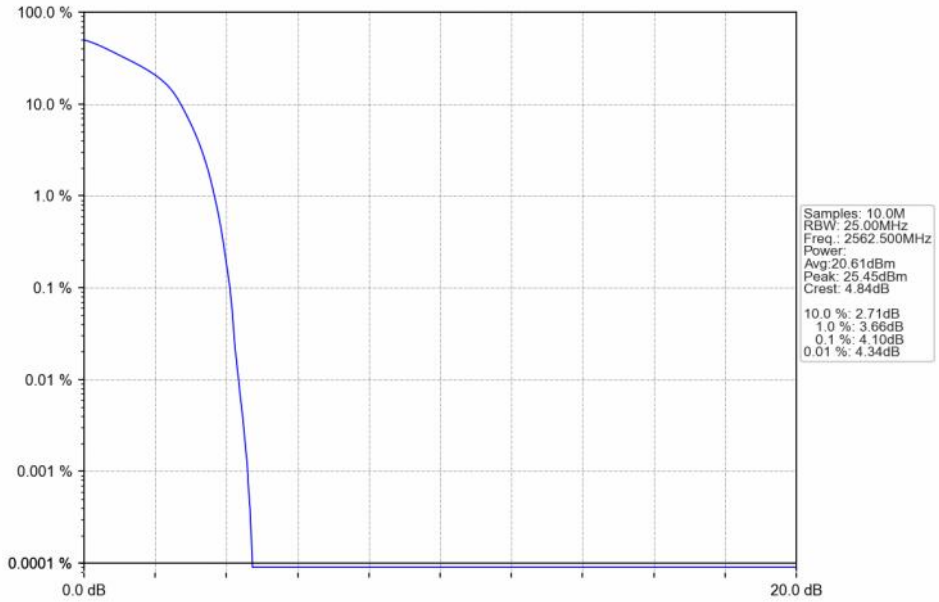
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



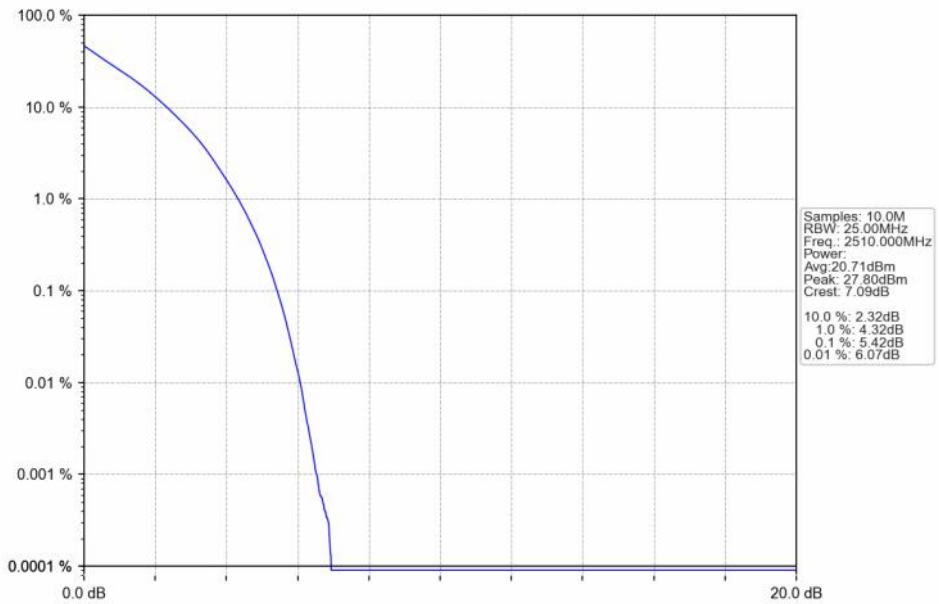
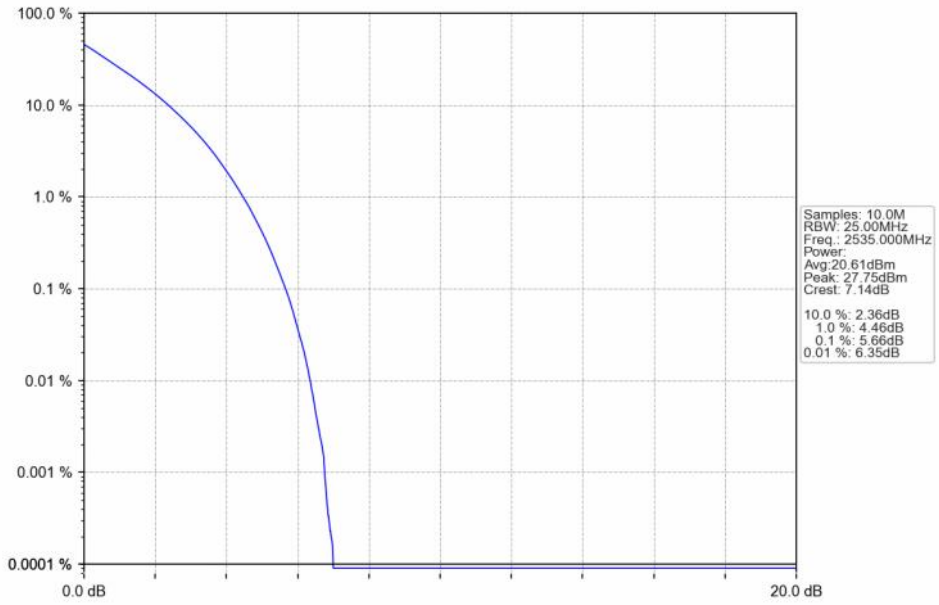
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



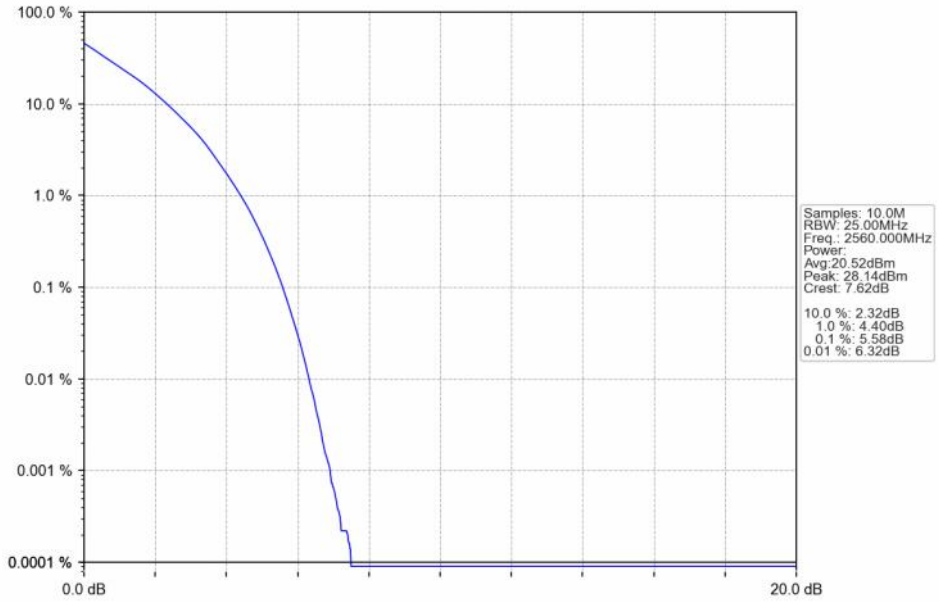
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



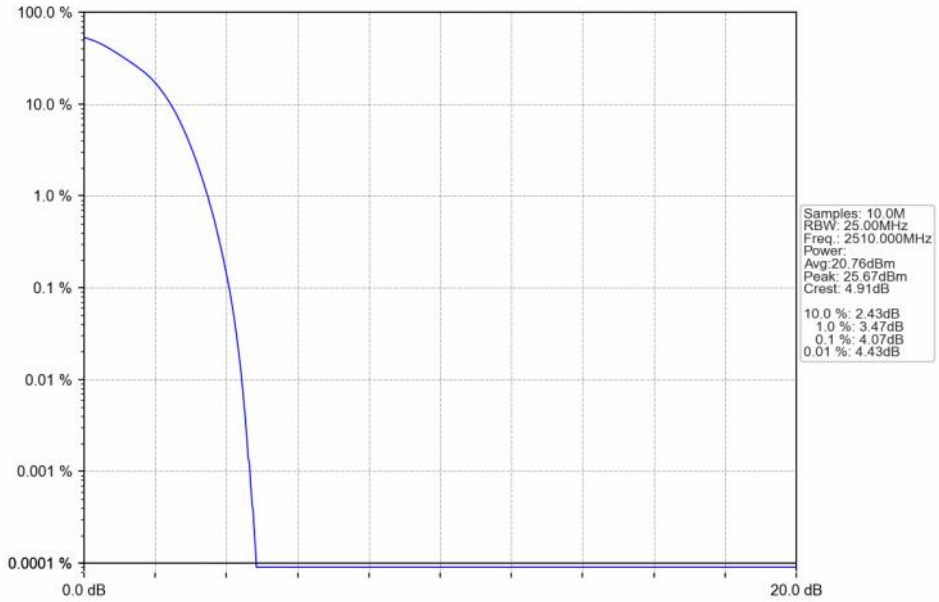
5.2.4 B7_20MHz

Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV

Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV


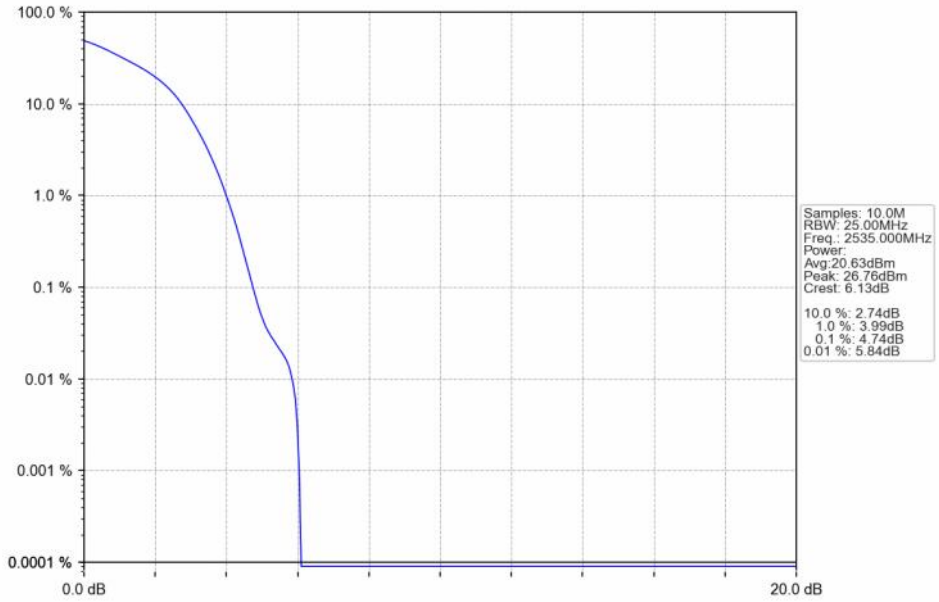
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



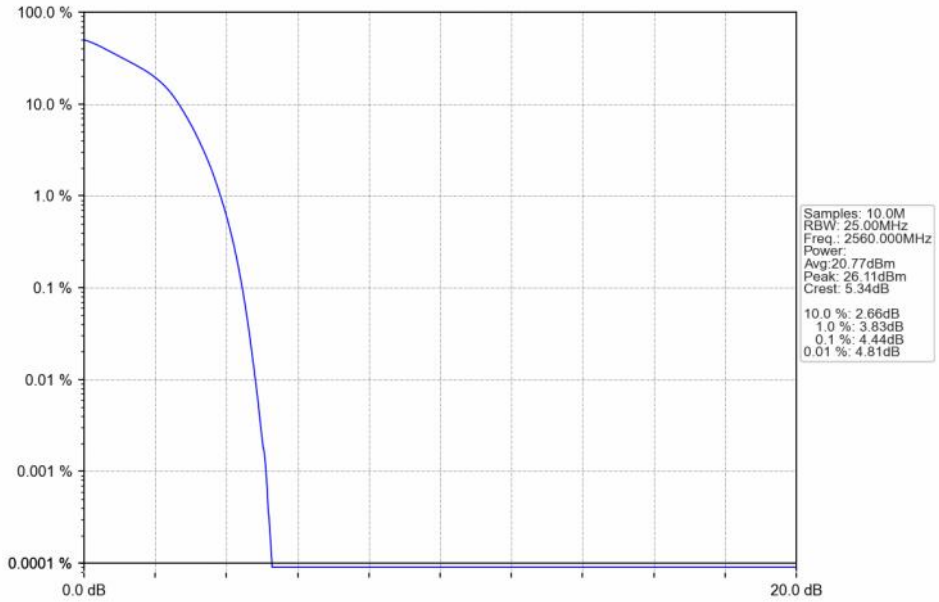
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



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	**Fail**
	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

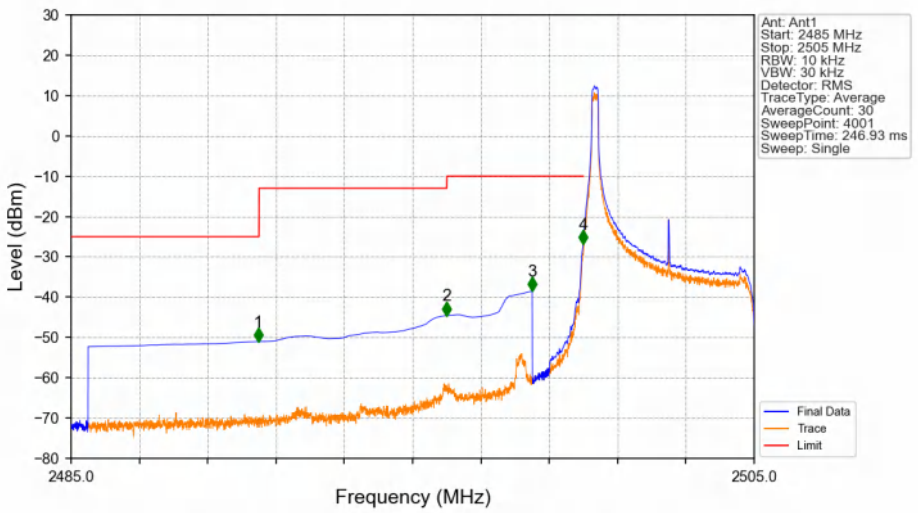
6.1.4 B7_20MHz

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		**Fail**
	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

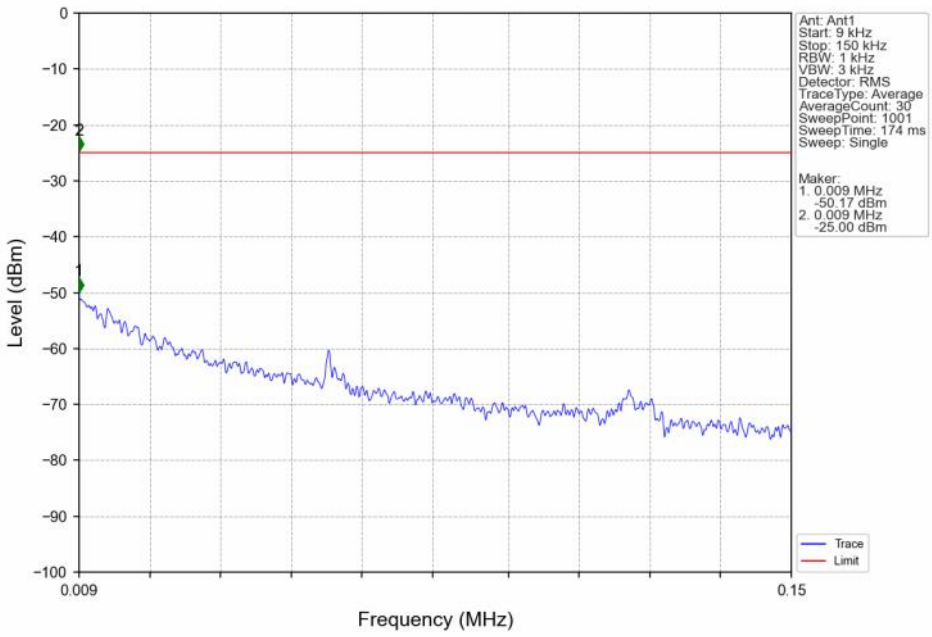
6.2.1 B7_5MHz

Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

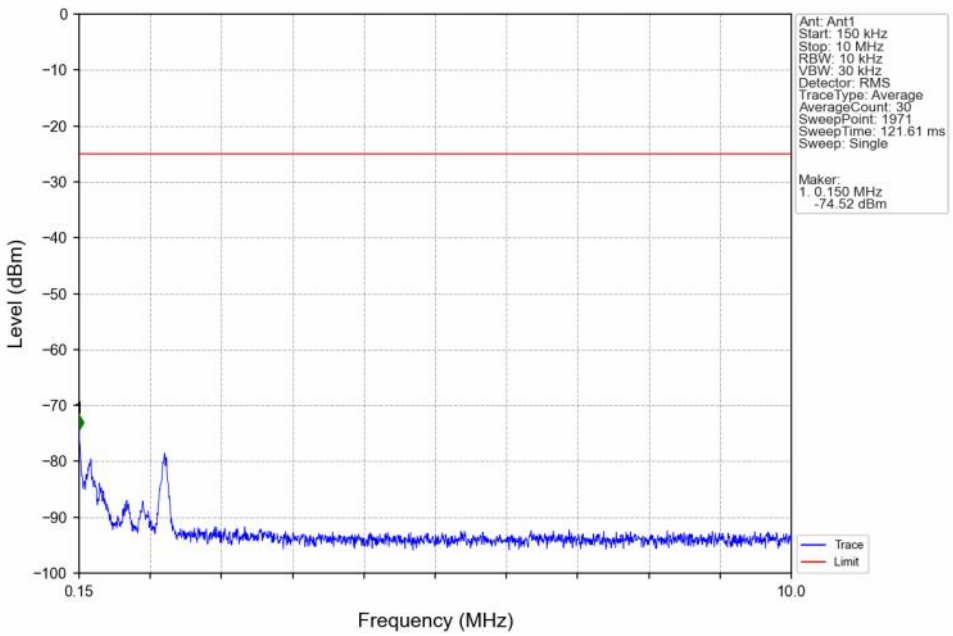


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.480	-51.02	-25	Pass
2490.5	2496	1	CHP	2	2495.990	-44.58	-13	Pass
2496	2499	1	CHP	3	2498.500	-38.53	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-26.83	-10	Pass
2500	2505	0.02	CHP	/	/	/	/	/

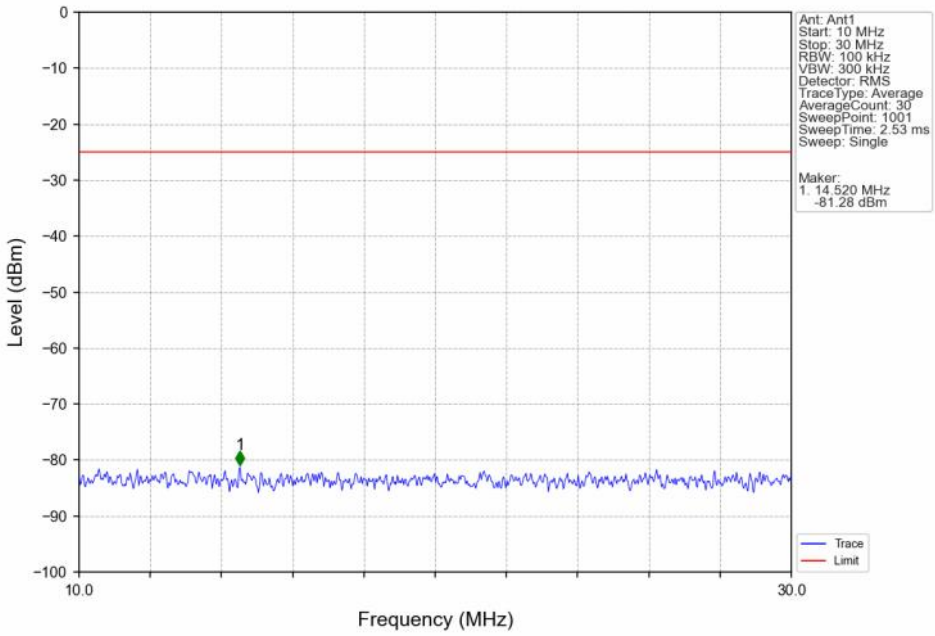
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



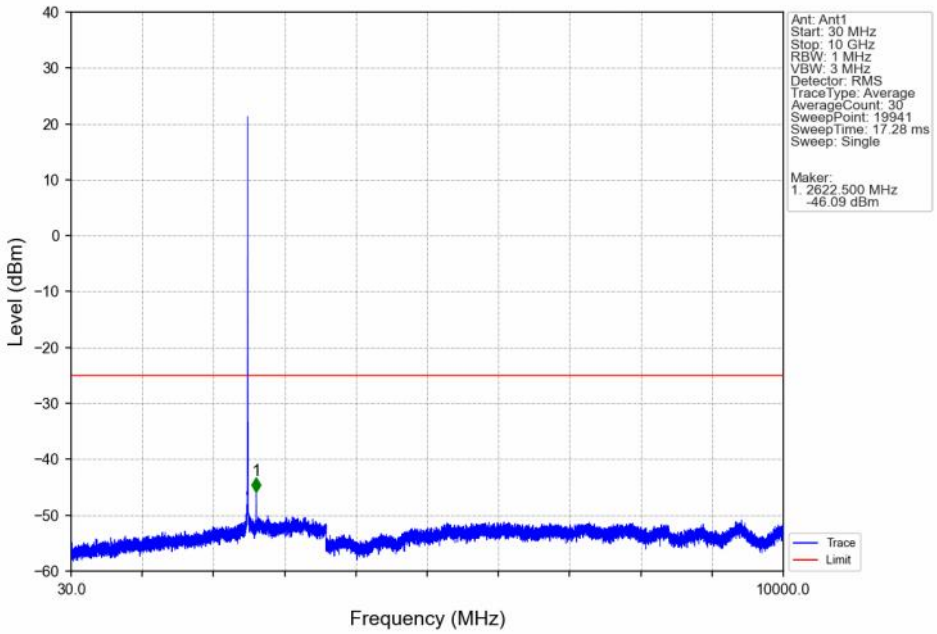
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



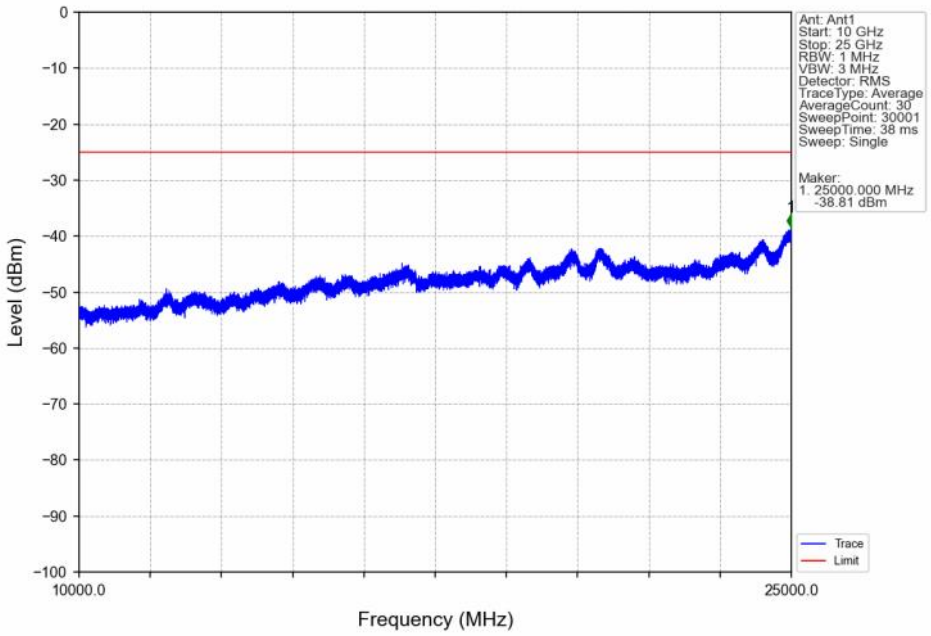
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



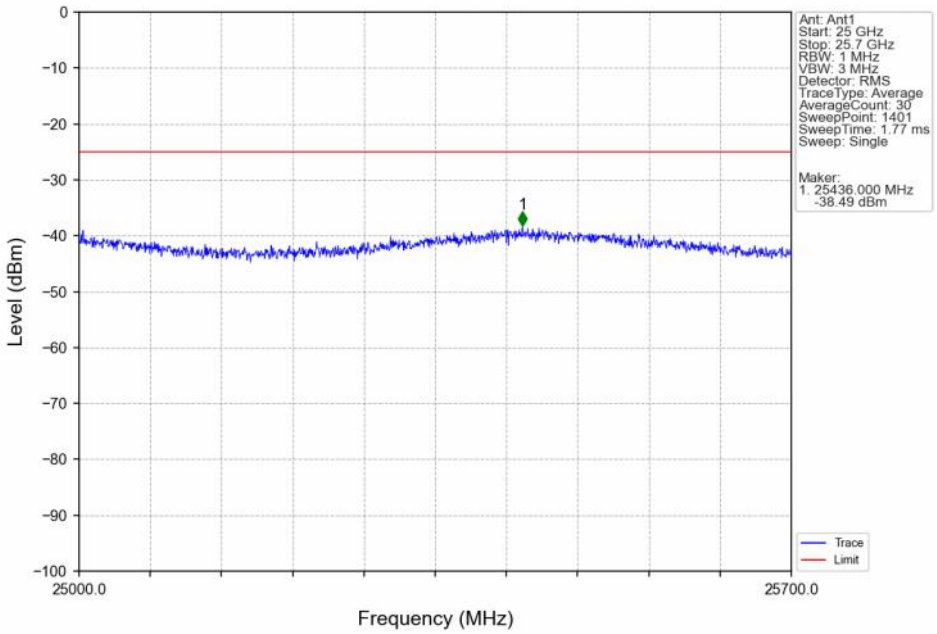
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



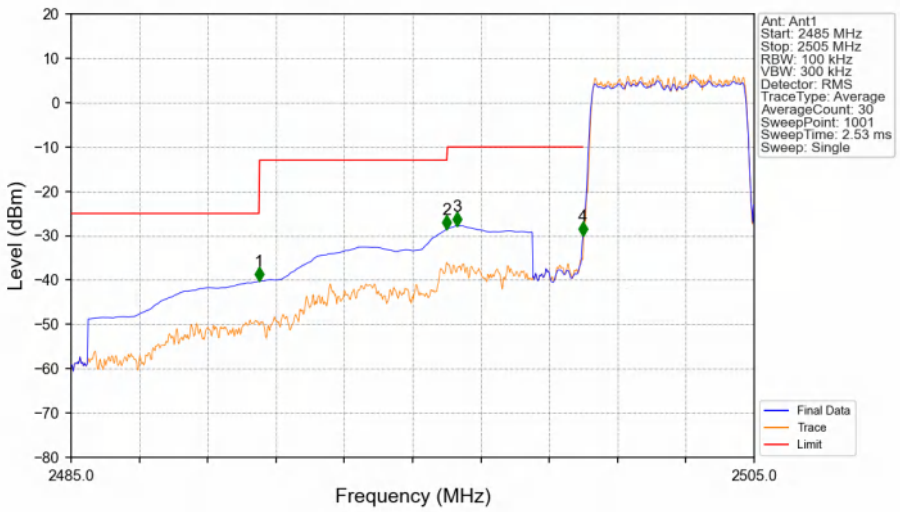
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

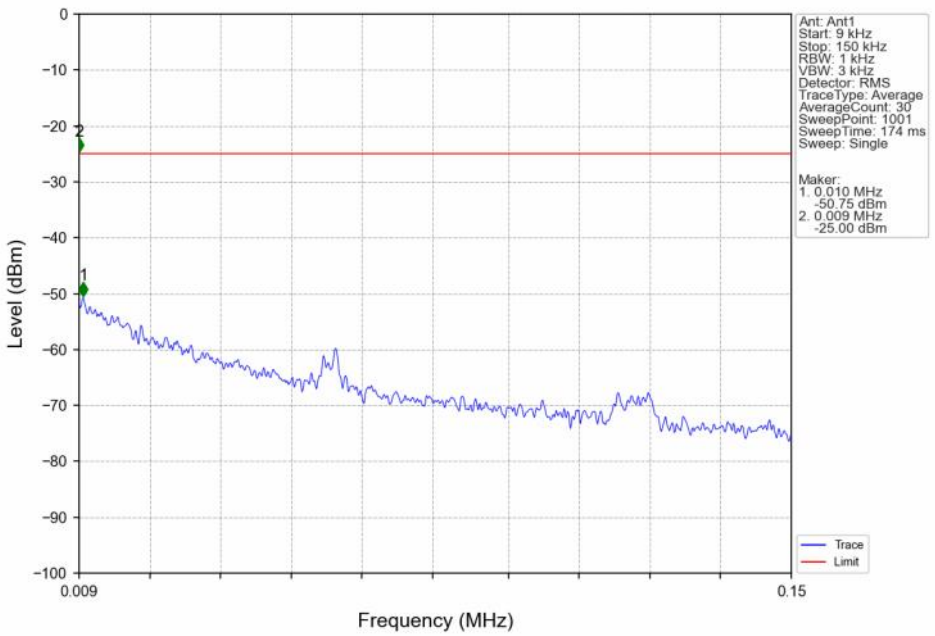


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

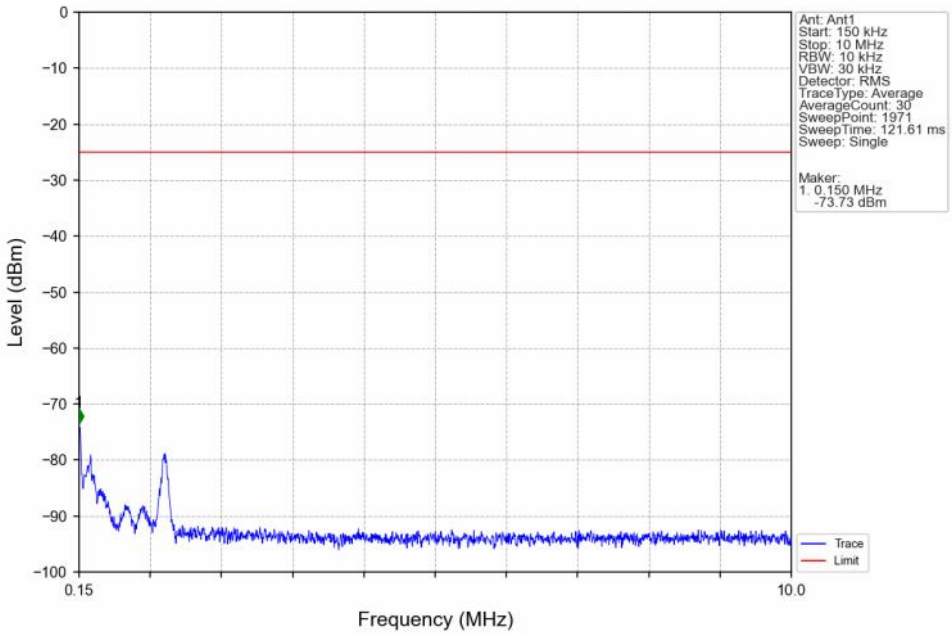


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-40.27	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-28.54	-13	Pass
2496	2499	1	CHP	3	2496.300	-27.79	-10	Pass
2499	2500	0.101	CHP	4	2499.980	-30.03	-10	Pass
2500	2505	0.101	CHP	/	/	/	/	/

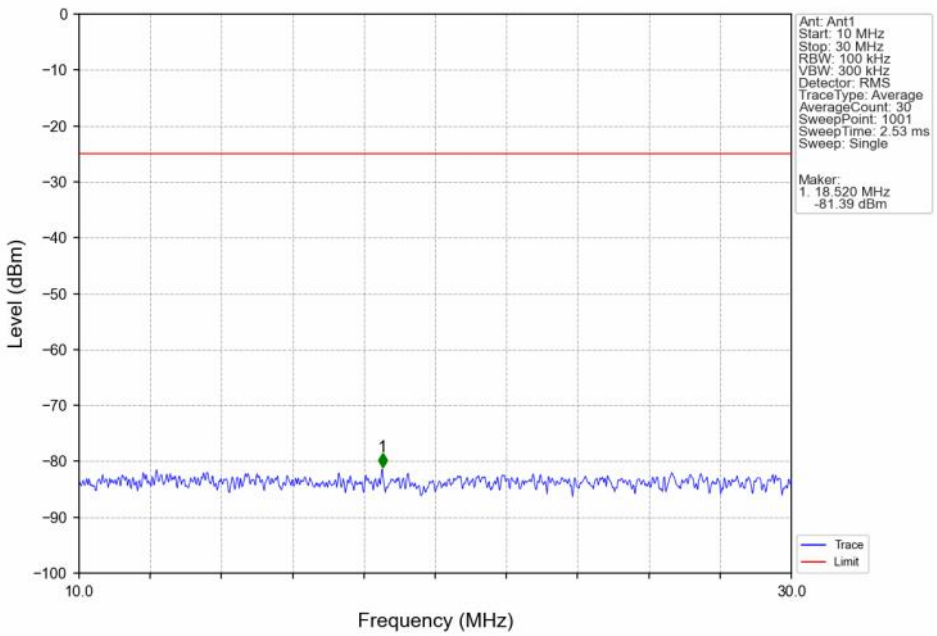
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



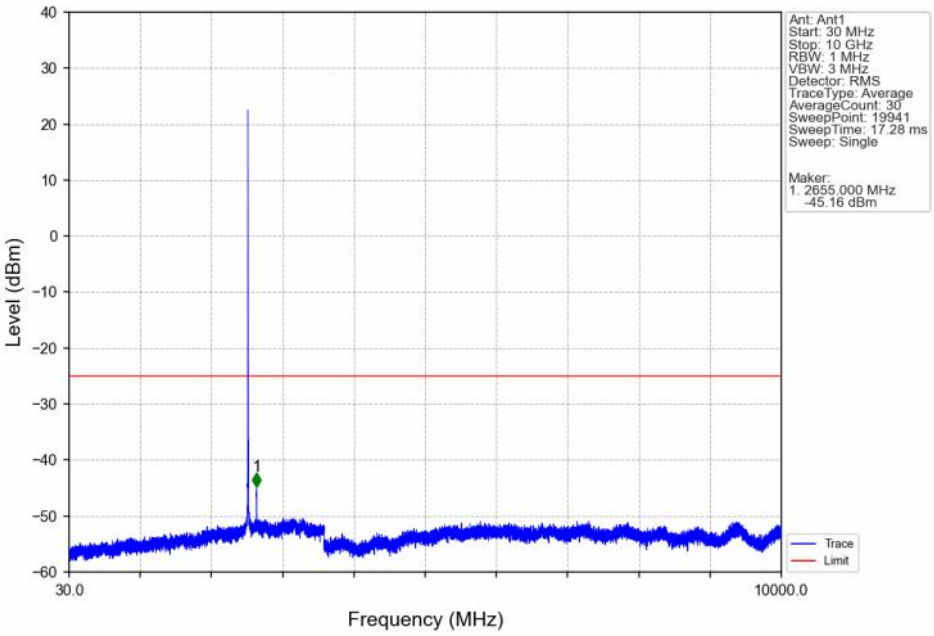
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



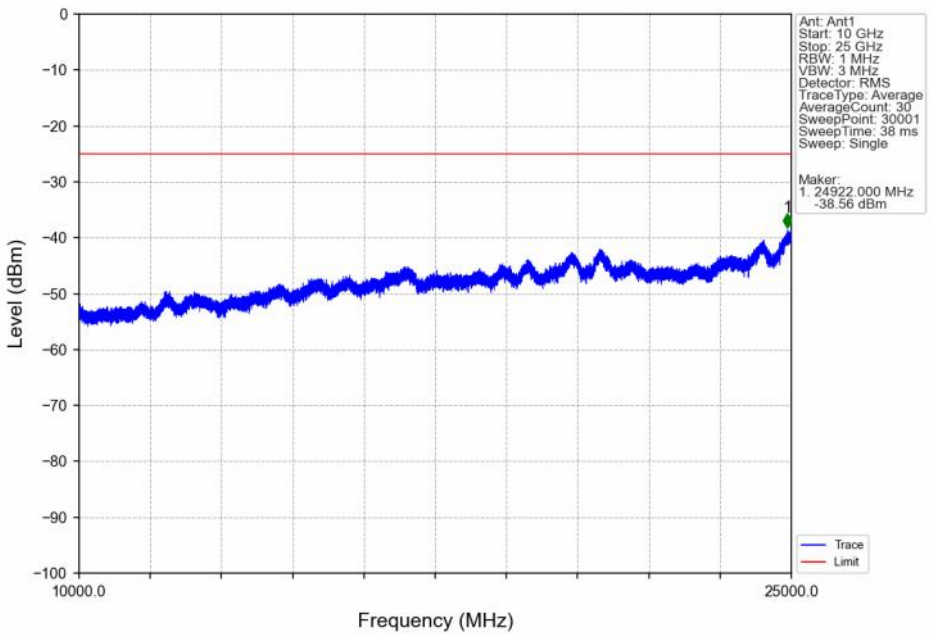
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



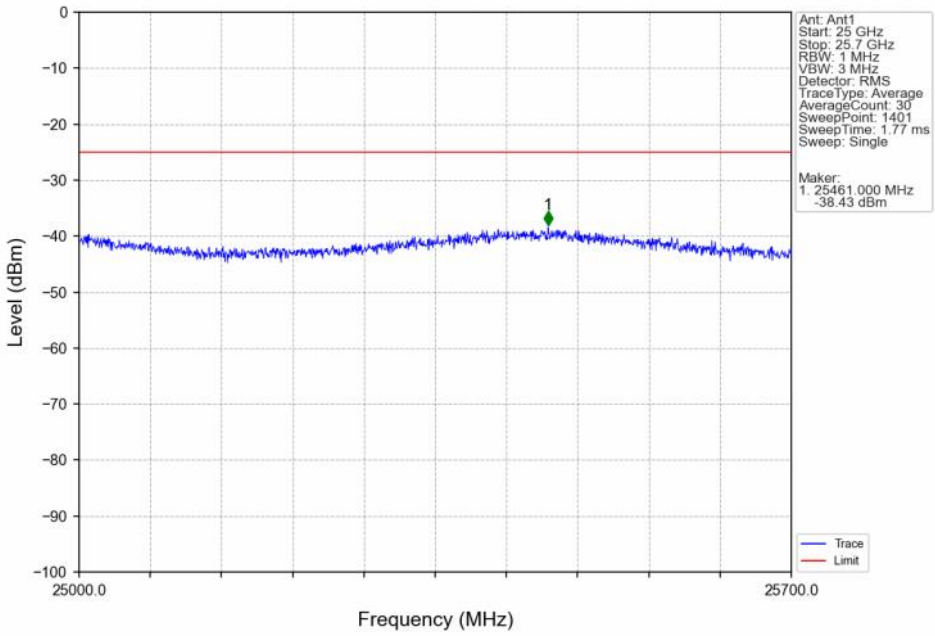
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



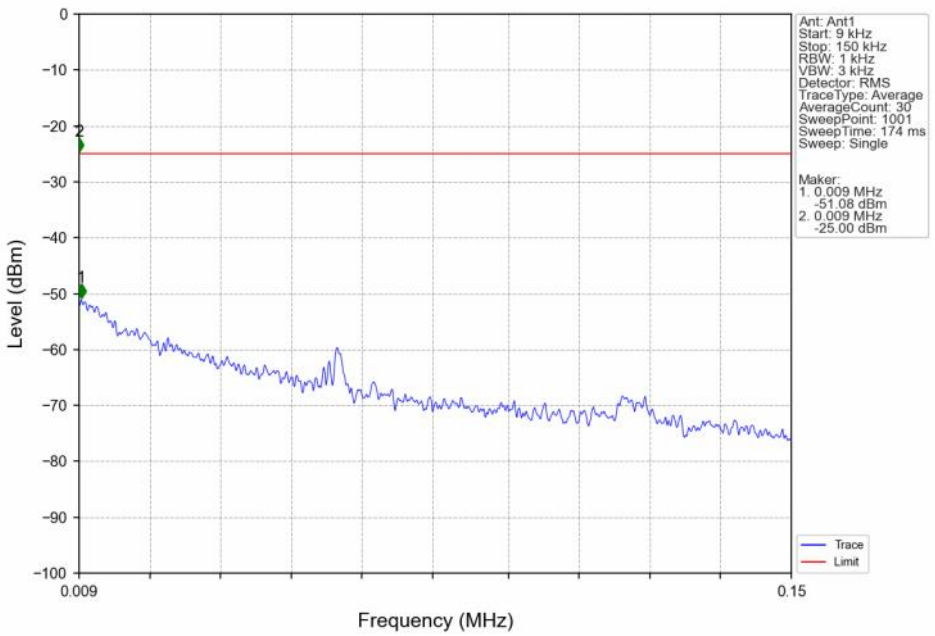
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



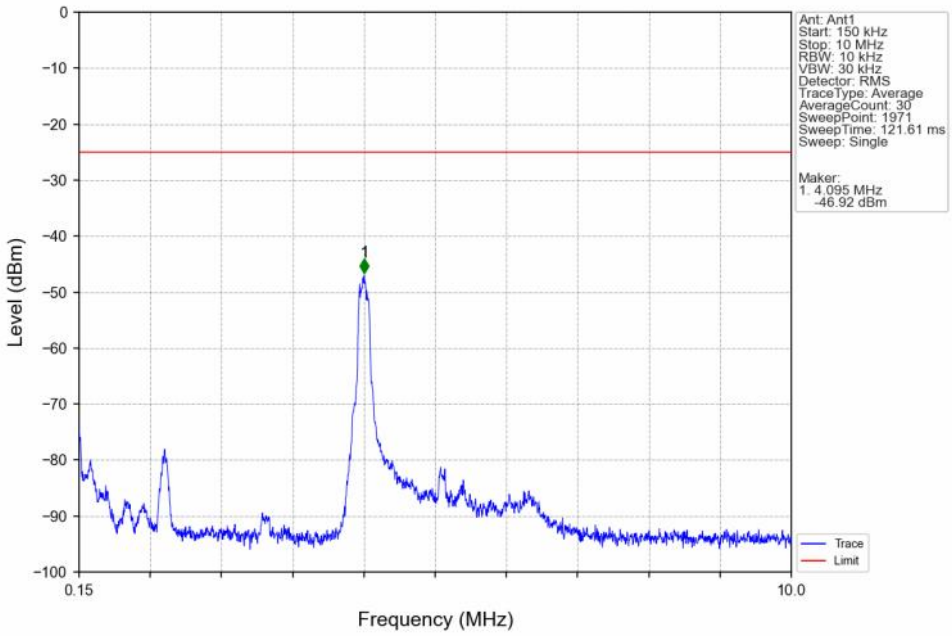
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



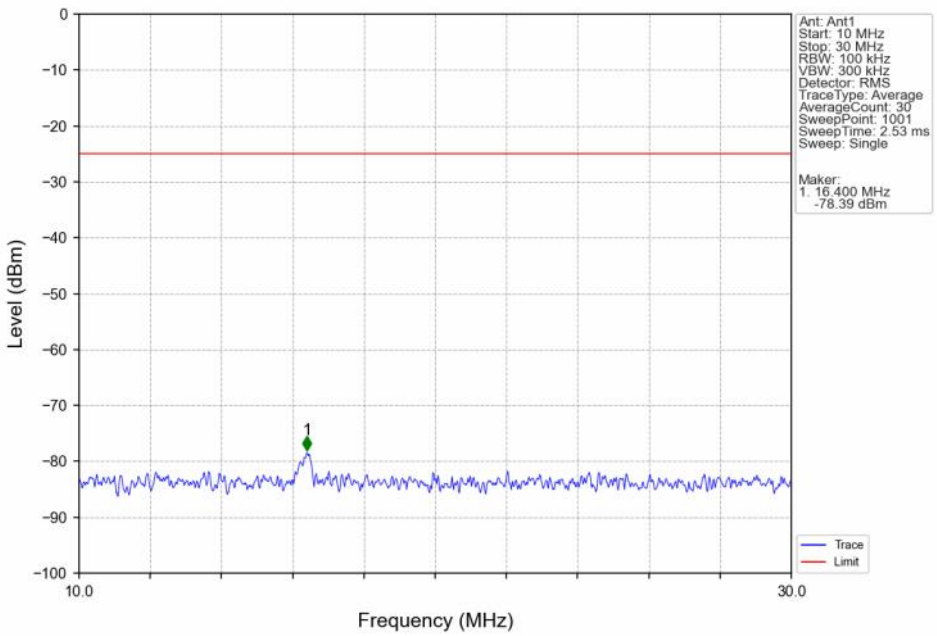
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



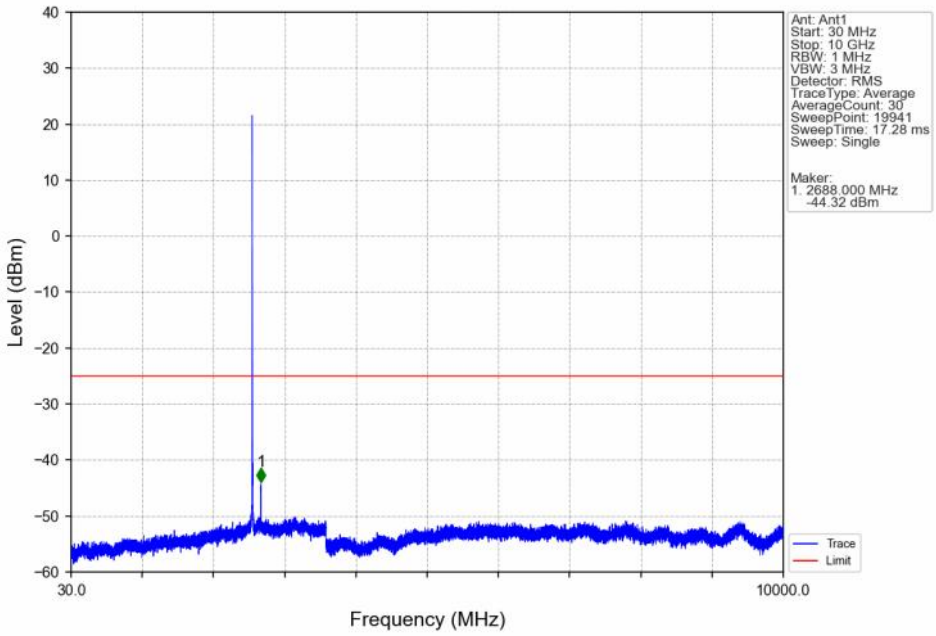
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



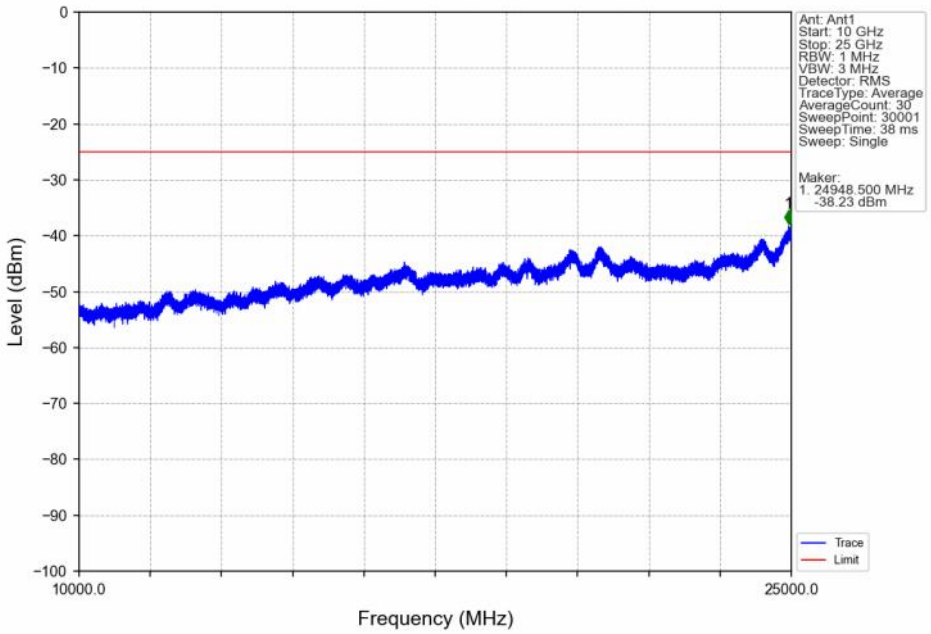
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



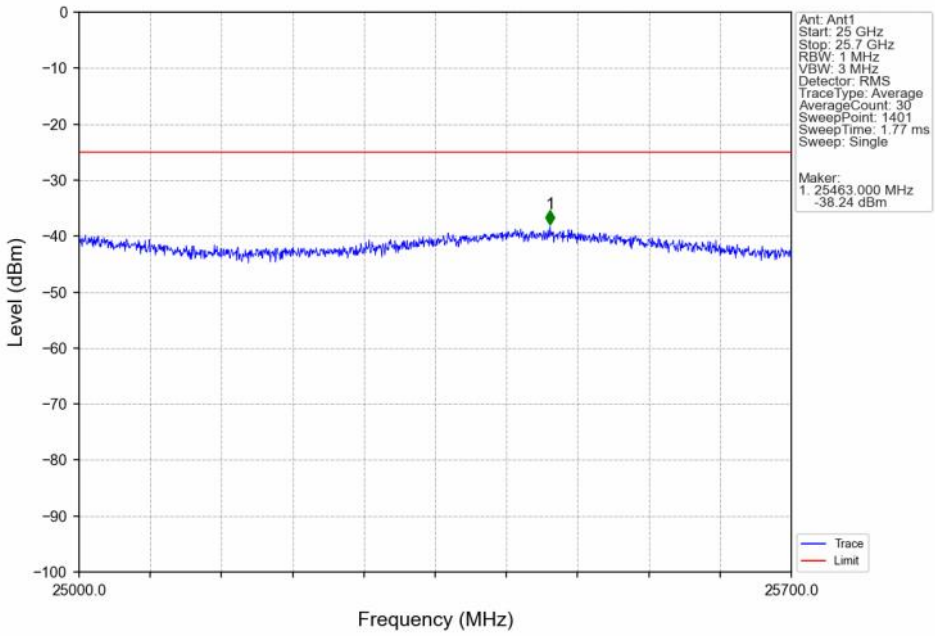
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



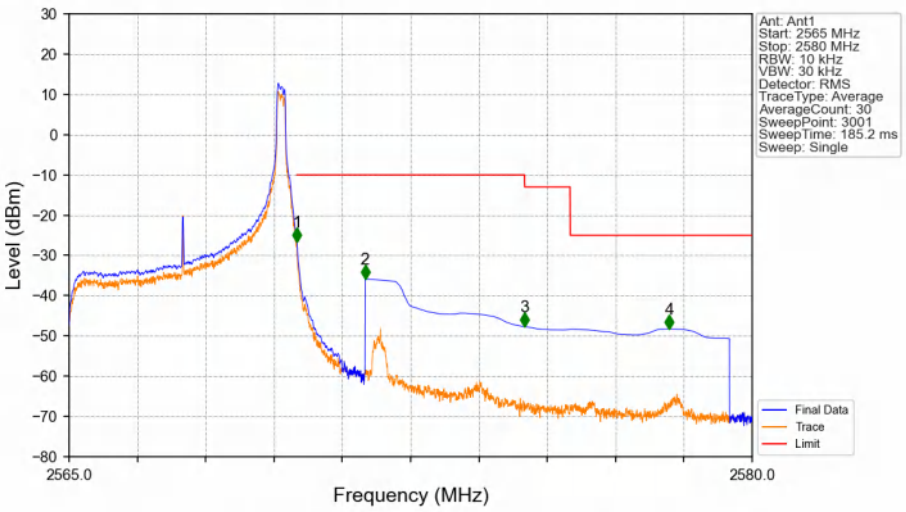
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

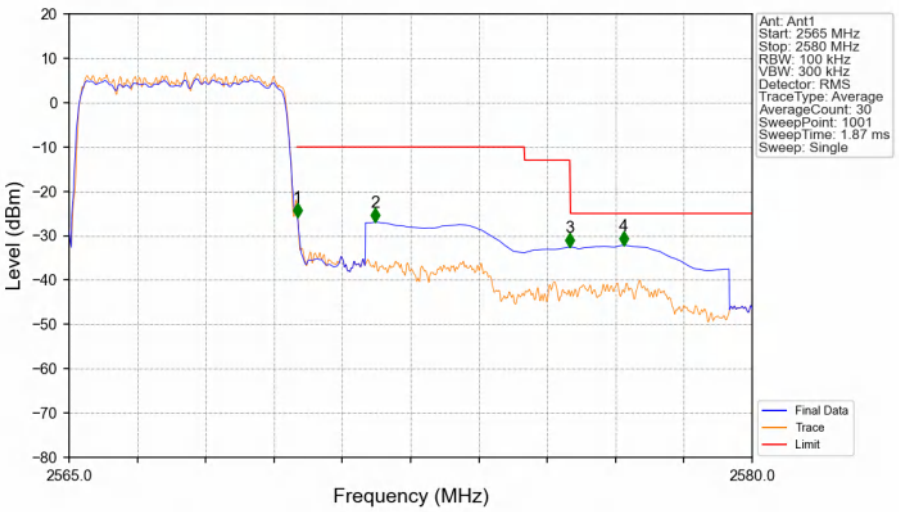


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



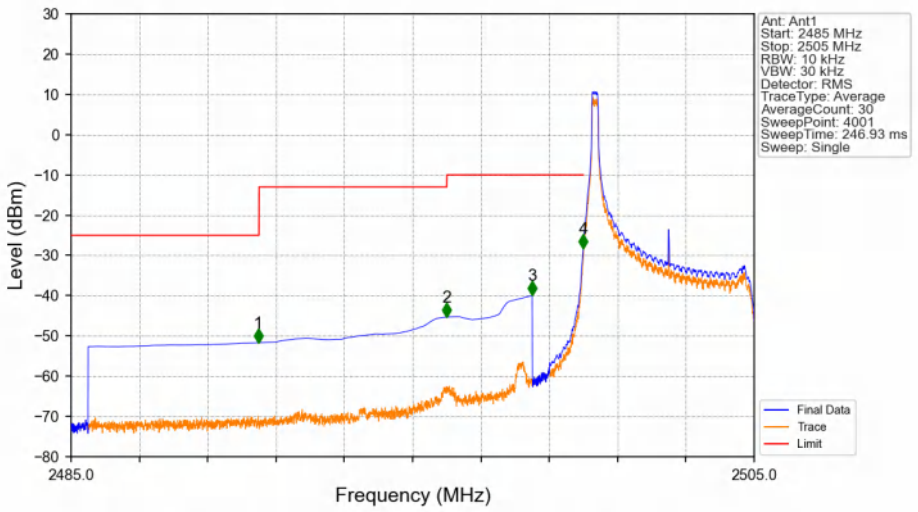
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-26.72	-10	Pass
2571	2575	1	CHP	2	2571.500	-35.85	-10	Pass
2575	2576	1	CHP	3	2575.005	-47.71	-13	Pass
2576	2580	1	CHP	4	2578.180	-48.26	-25	Pass

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



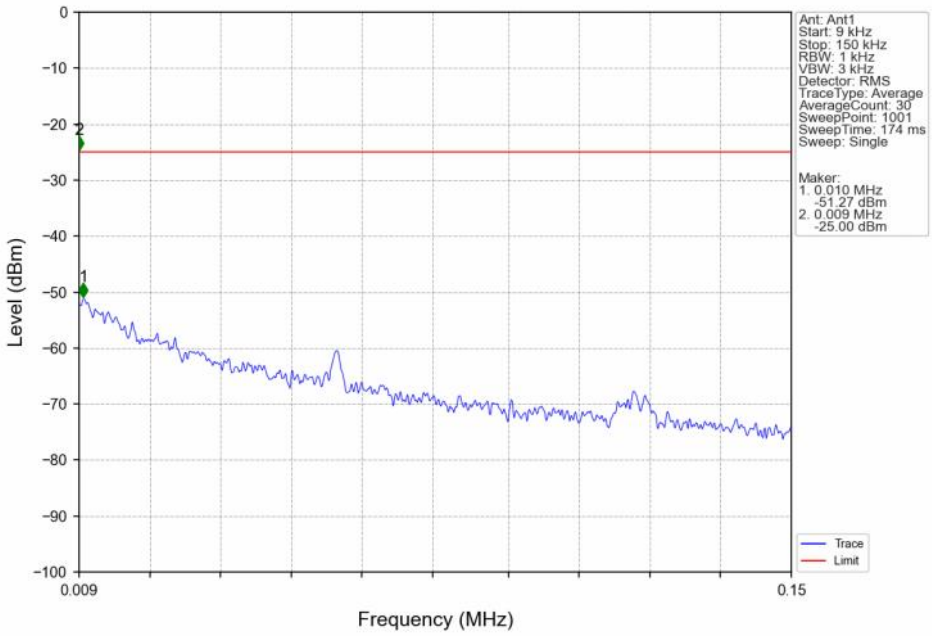
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.101	CHP	/	/	/	/	/
2570	2571	0.101	CHP	1	2570.010	-25.82	-10	Pass
2571	2575	1	CHP	2	2571.720	-26.97	-10	Pass
2575	2576	1	CHP	3	2575.995	-32.61	-13	Pass
2576	2580	1	CHP	4	2577.180	-32.20	-25	Pass

Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV

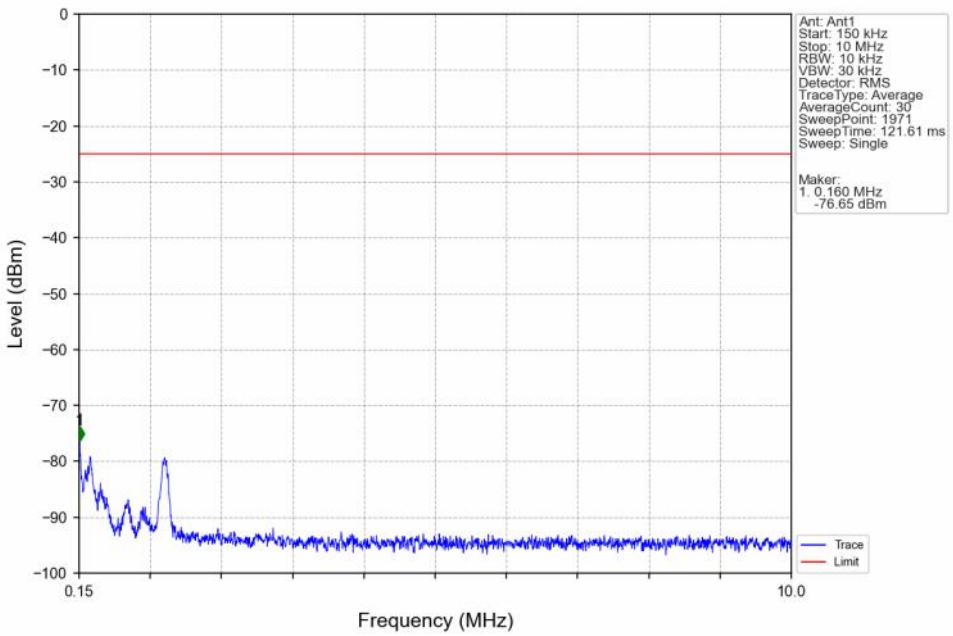


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.475	-51.67	-25	Pass
2490.5	2496	1	CHP	2	2495.995	-45.35	-13	Pass
2496	2499	1	CHP	3	2498.500	-39.92	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-28.16	-10	Pass
2500	2505	0.02	CHP	/	/	/	/	/

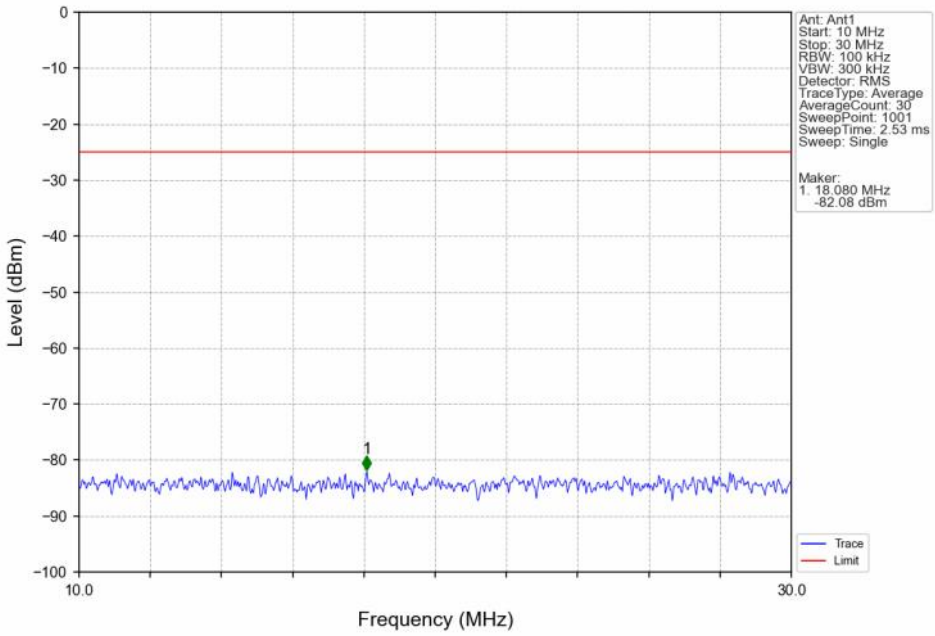
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



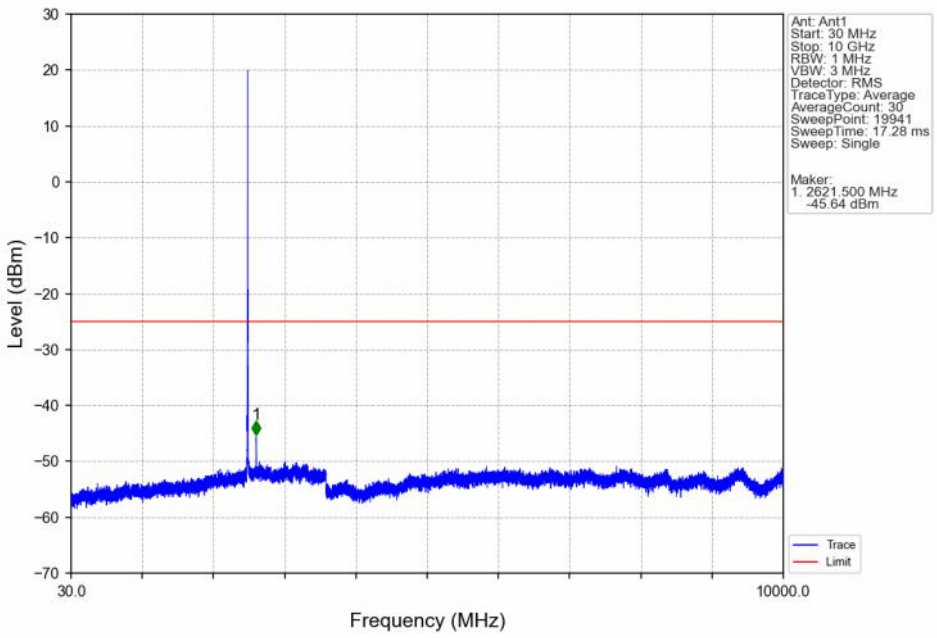
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



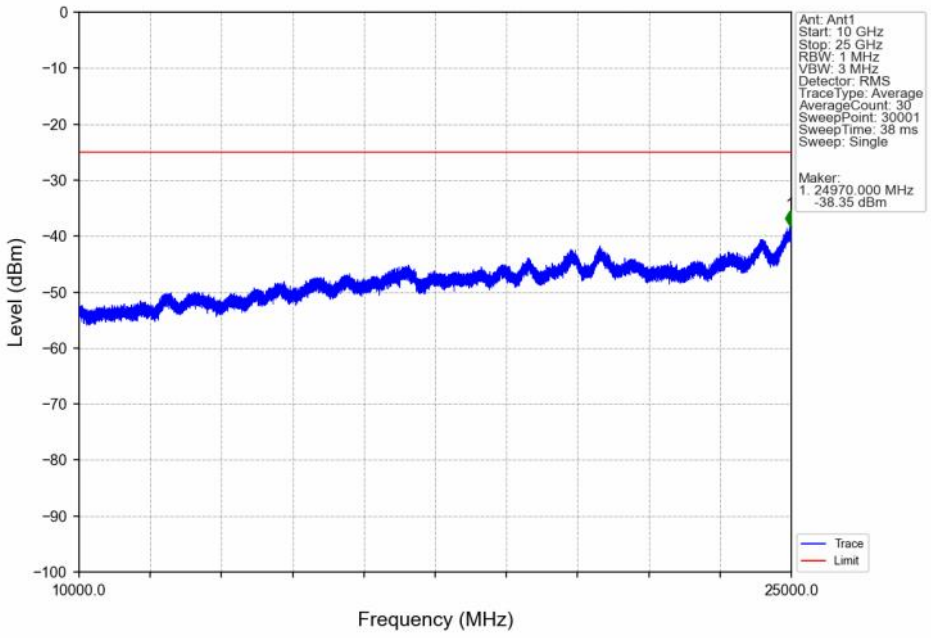
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



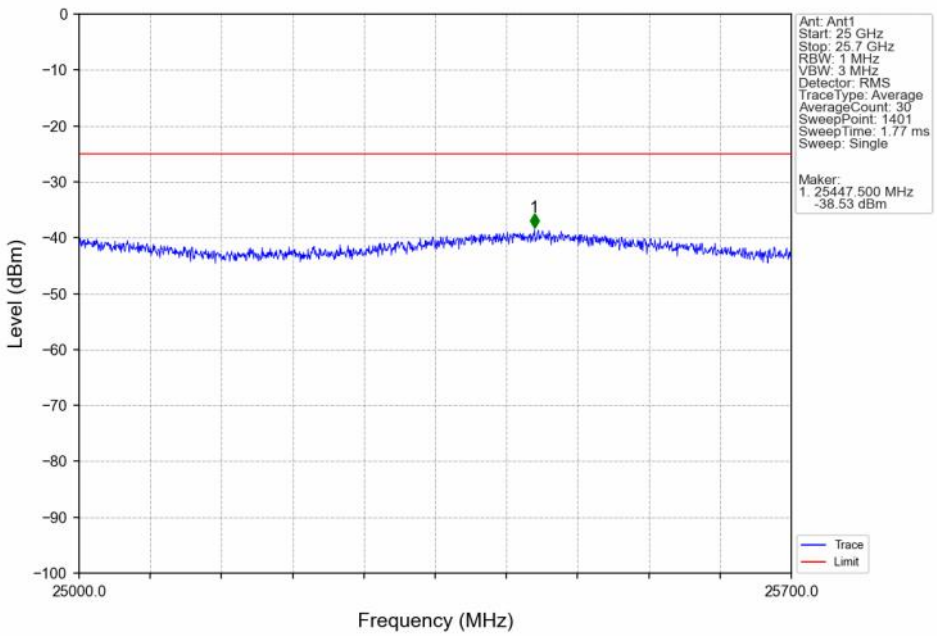
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



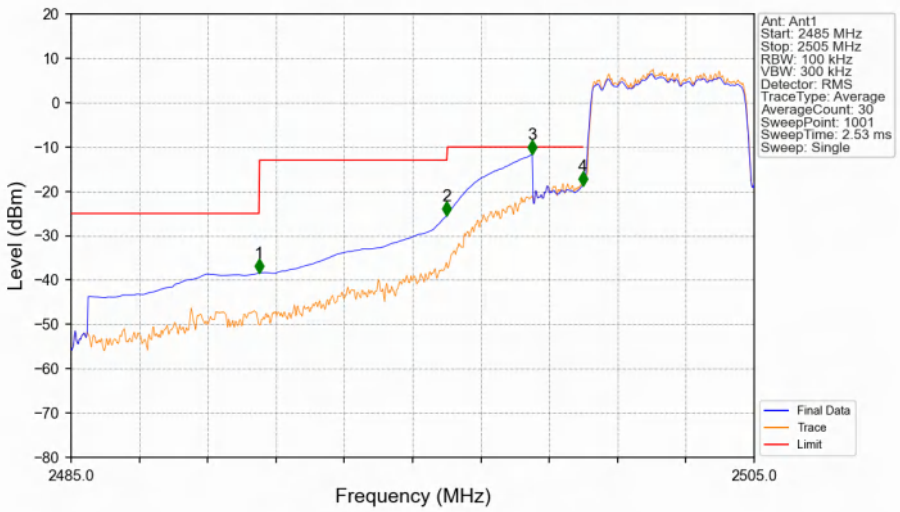
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV

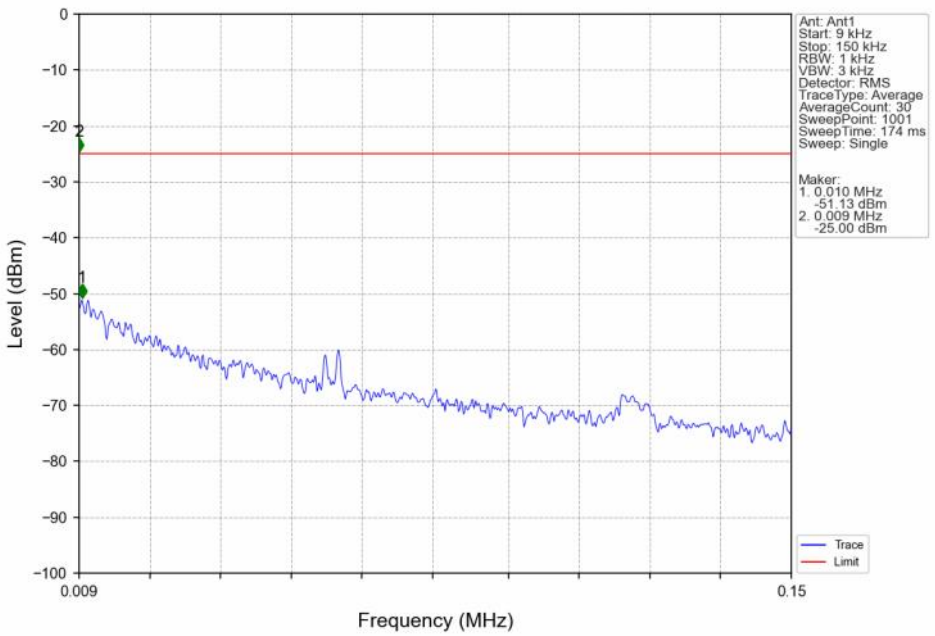


Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV

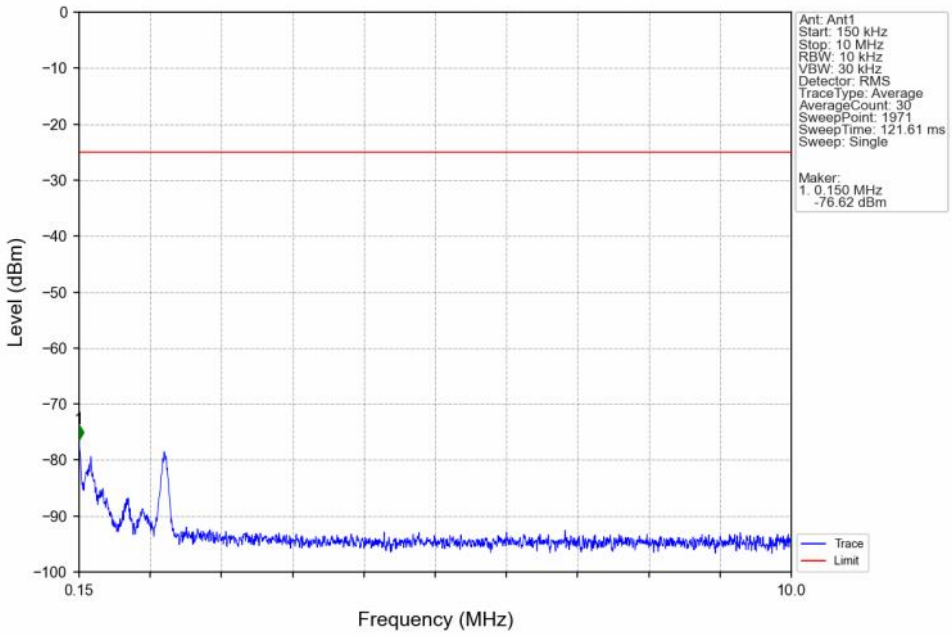


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-38.45	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-25.47	-13	Pass
2496	2499	1	CHP	3	2498.500	-11.66	-10	Pass
2499	2500	0.101	CHP	4	2499.980	-18.69	-10	Pass
2500	2505	0.101	CHP	/	/	/	/	/

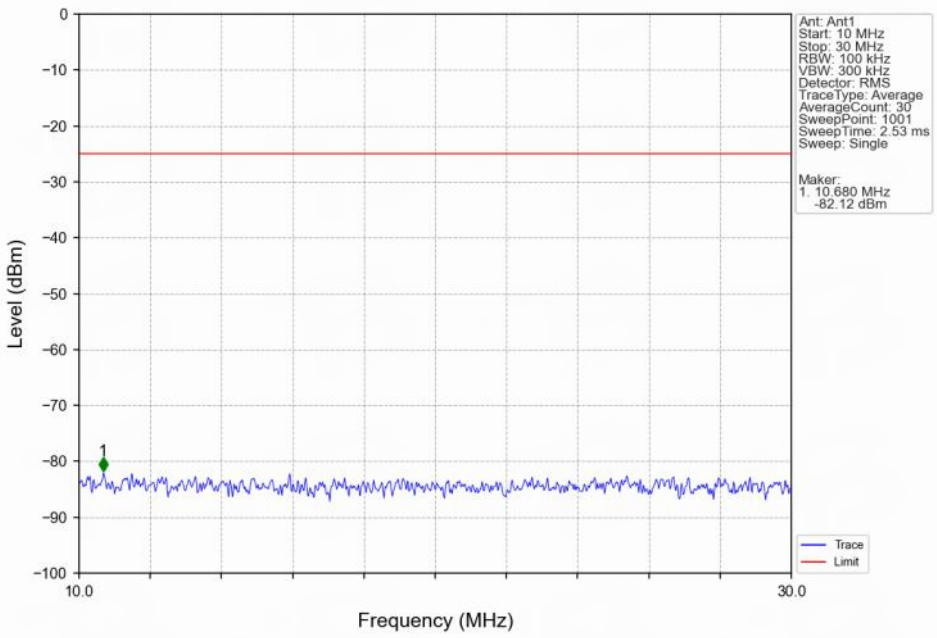
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



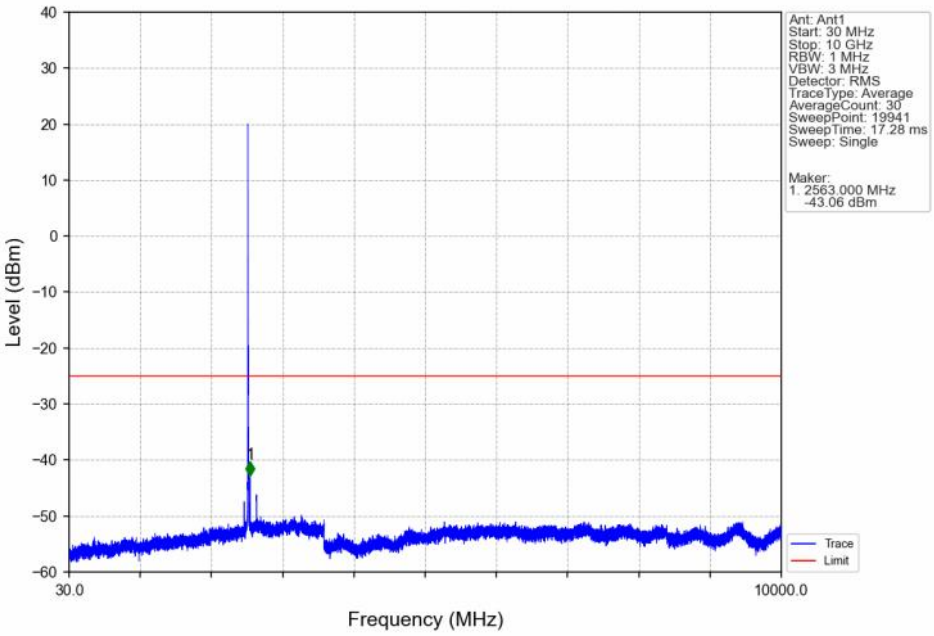
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



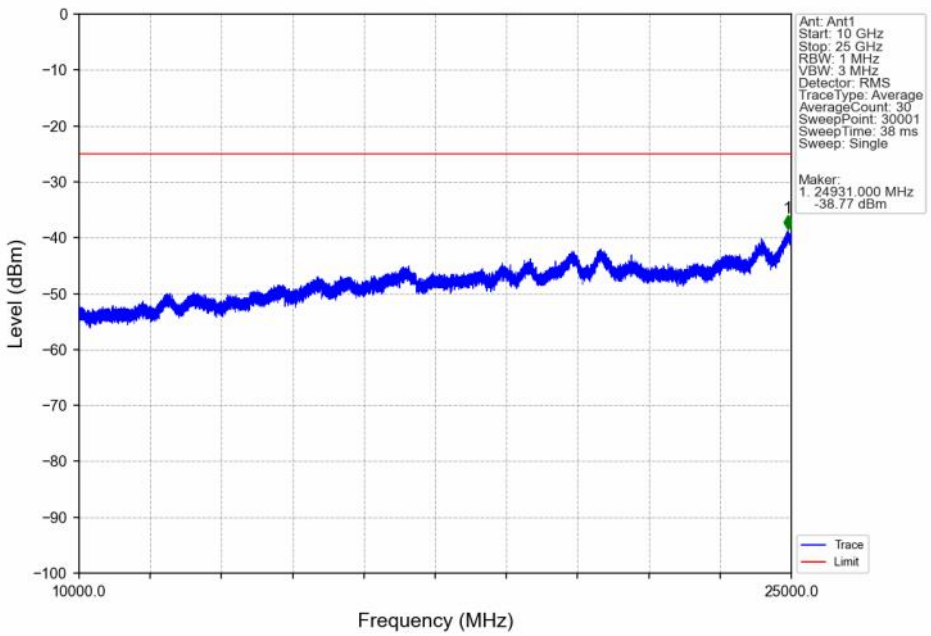
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



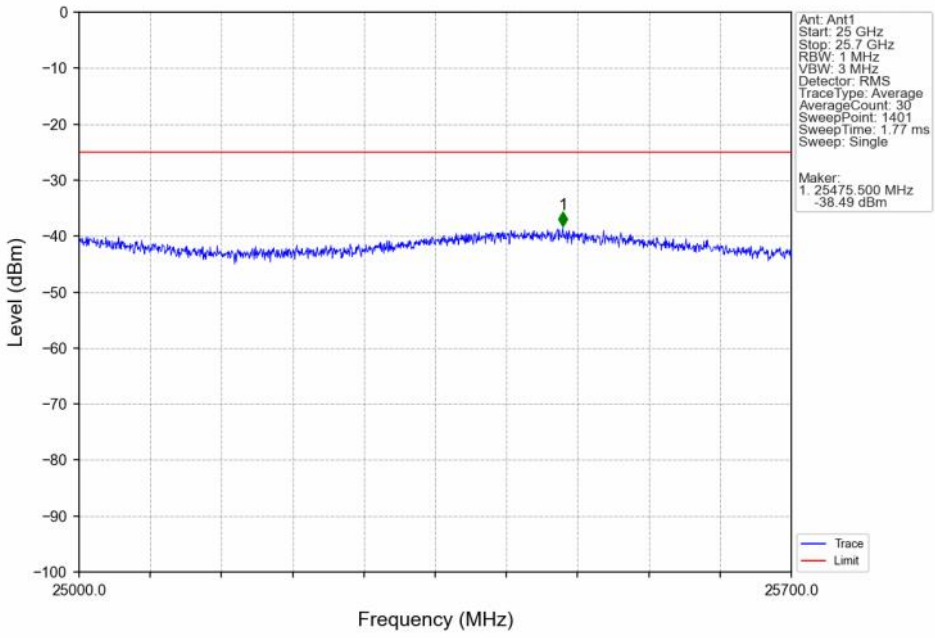
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



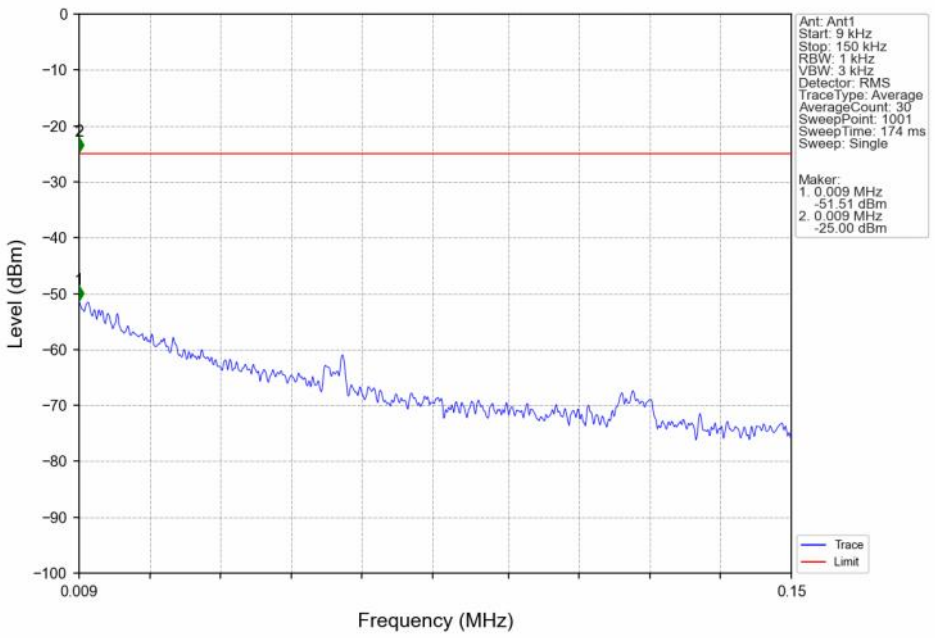
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



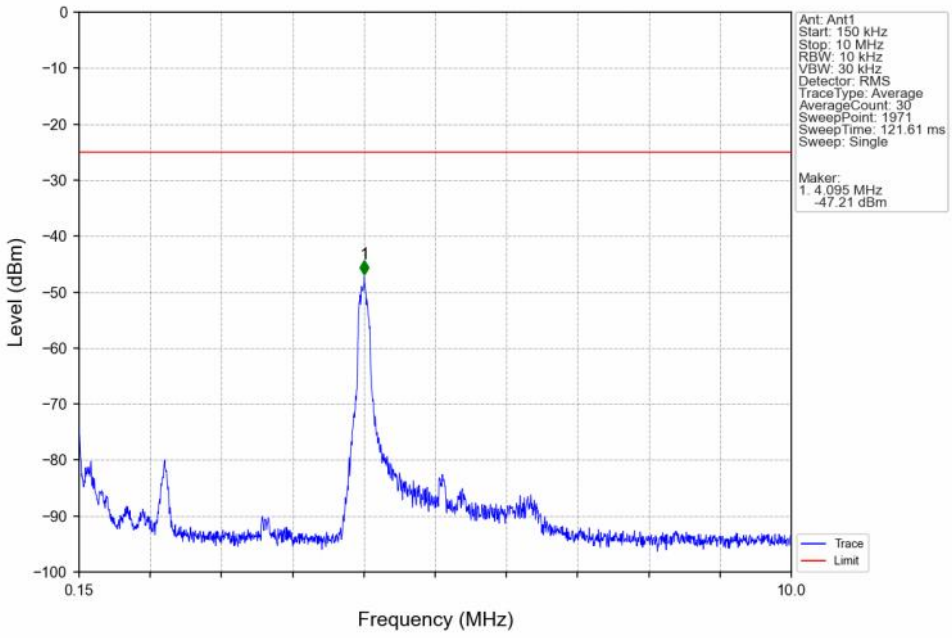
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



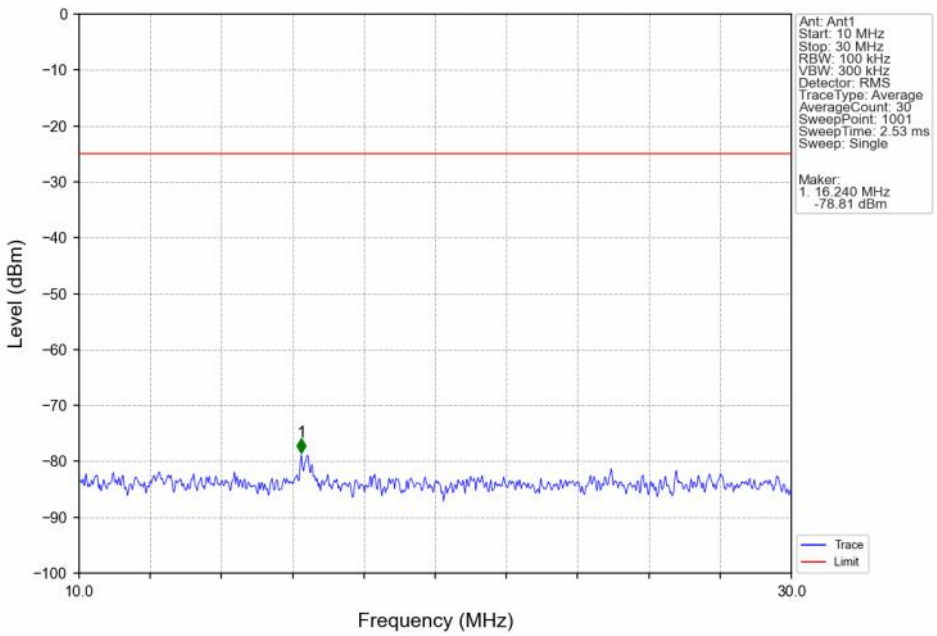
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



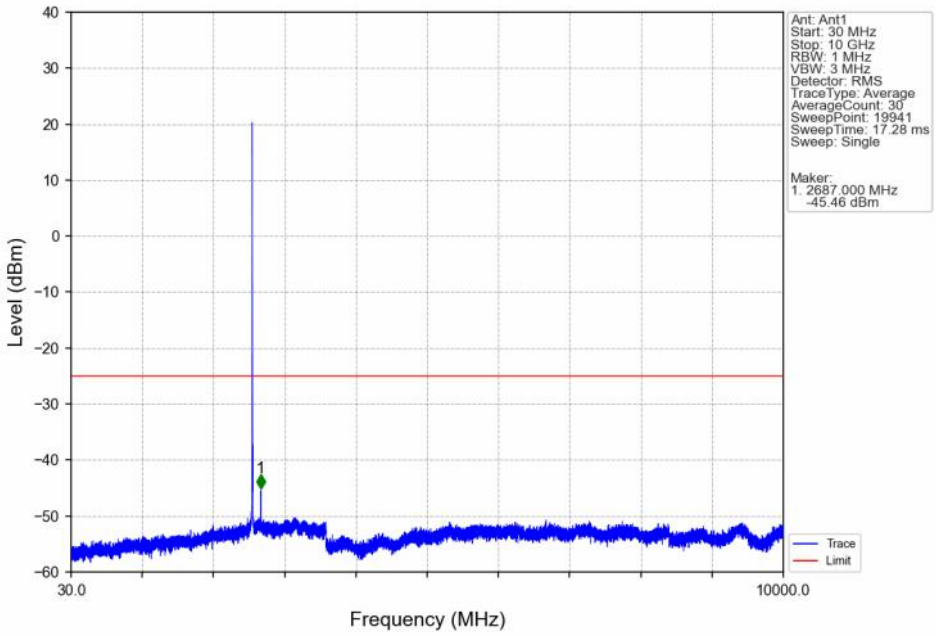
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



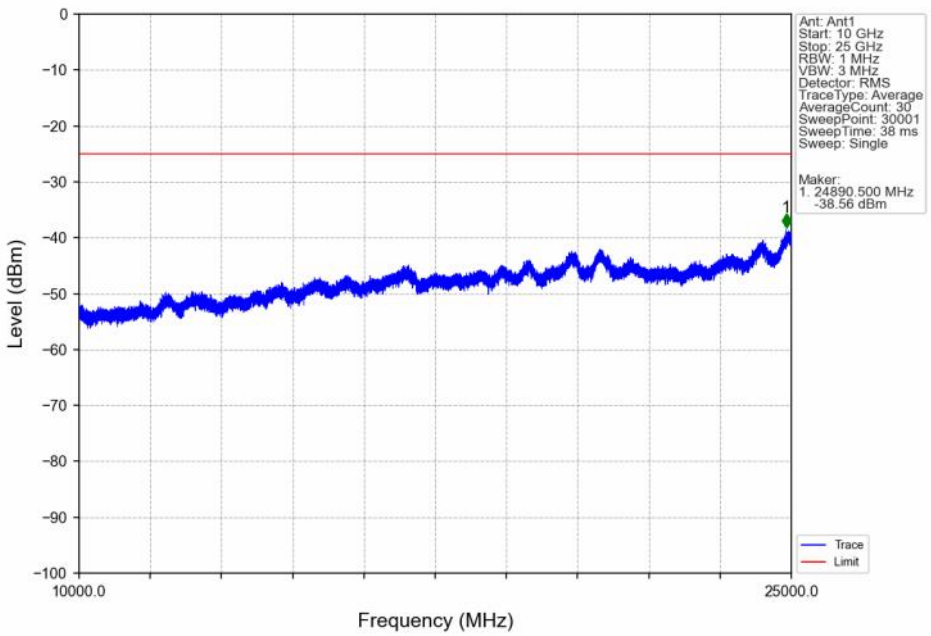
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



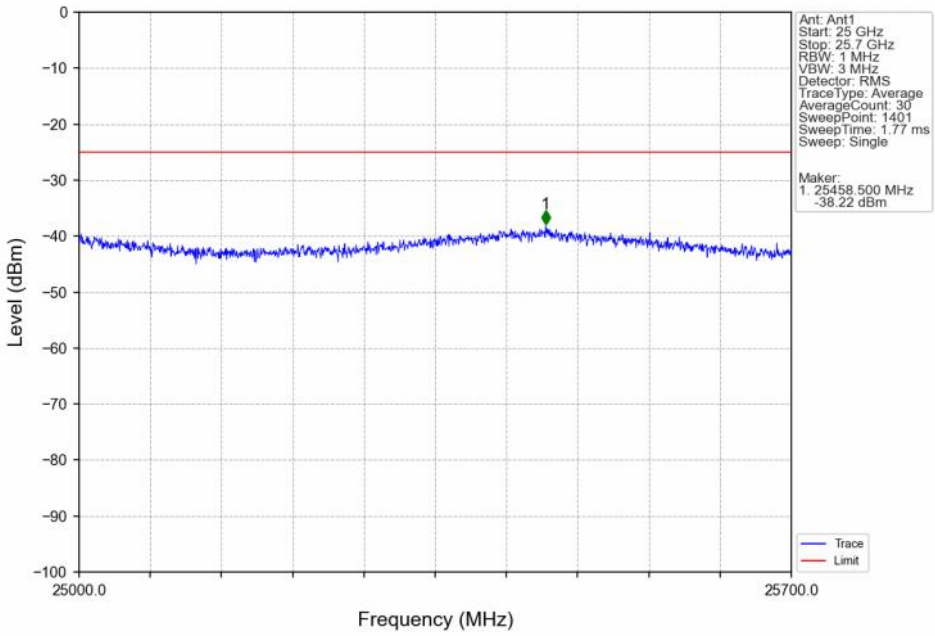
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



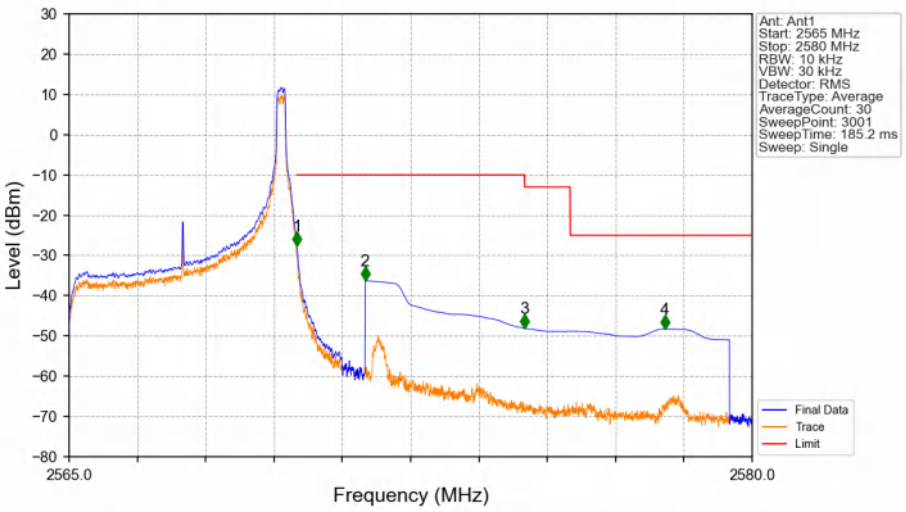
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV

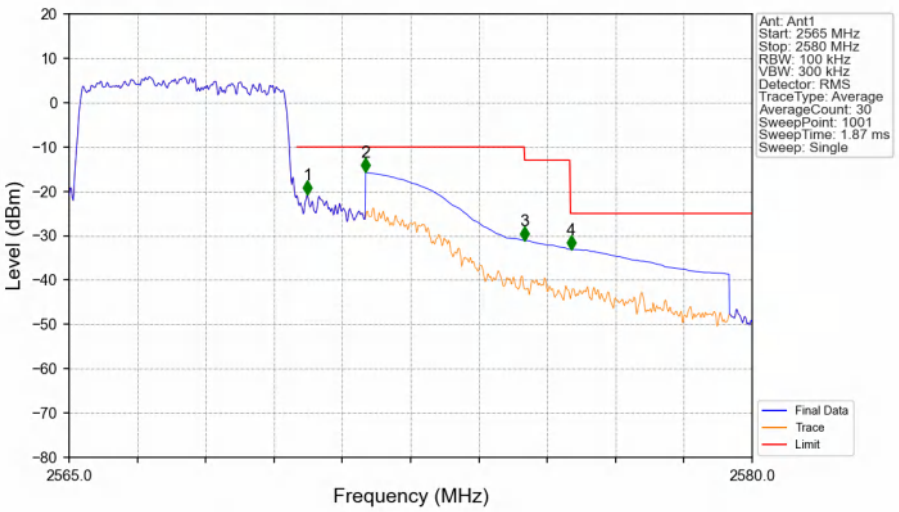


Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_24_NTNV



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	-27.62	-10	Pass
2571	2575	1	CHP	2	2571.500	-36.25	-10	Pass
2575	2576	1	CHP	3	2575.005	-48.14	-13	Pass
2576	2580	1	CHP	4	2578.085	-48.25	-25	Pass

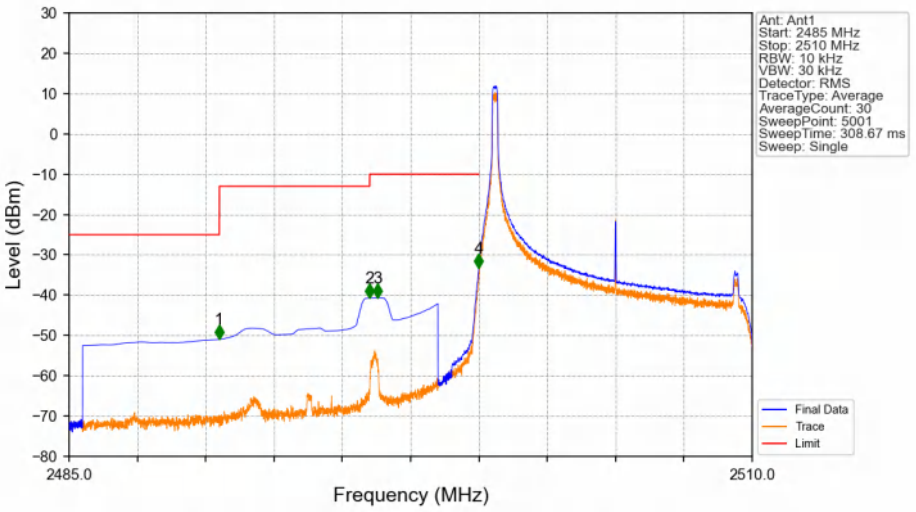
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.1	/	/	/	/	/	/
2570	2571	0.1	/	1	2570.235	-20.80	-10	Pass
2571	2575	1	CHP	2	2571.510	-15.69	-10	Pass
2575	2576	1	CHP	3	2575.005	-31.12	-13	Pass
2576	2580	1	CHP	4	2576.025	-33.09	-25	Pass

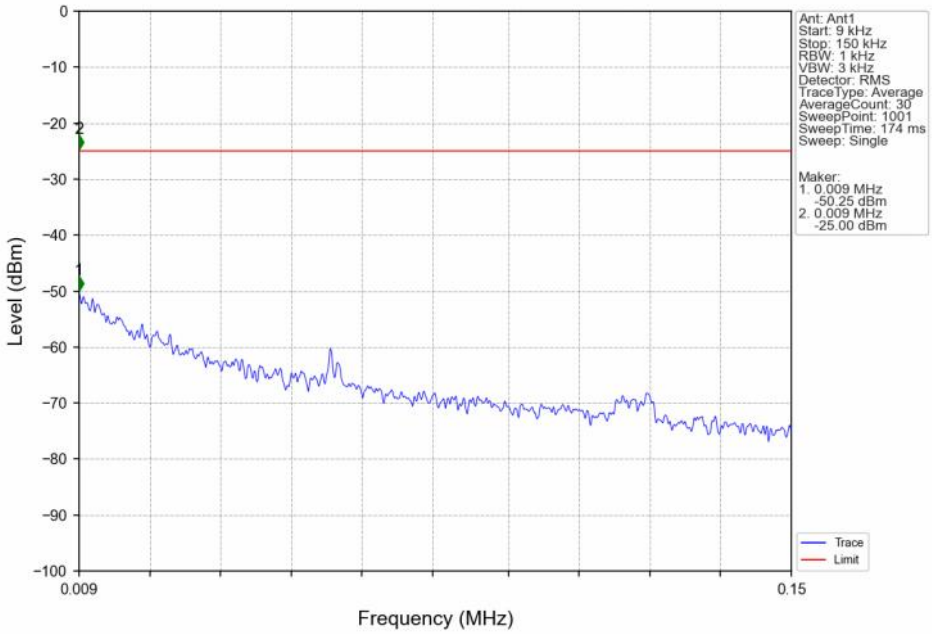
6.2.2 B7_10MHz

Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

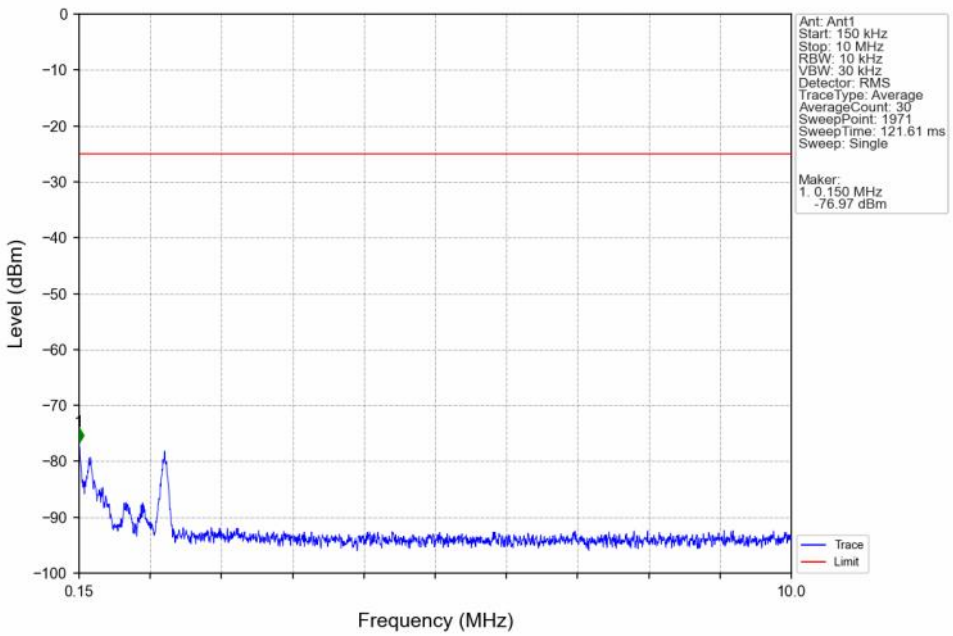


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-50.97	-25	Pass
2490.5	2496	1	CHP	2	2495.995	-40.73	-13	Pass
2496	2499	1	CHP	3	2496.275	-40.64	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-33.21	-10	Pass
2500	2510	0.02	CHP	/	/	/	/	/

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