1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B5_1.4MHz_ERP

Band: 5 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	22.38	-1.47	18.76	<=38.45	Pass
			2	22.42	-1.47	18.80	<=38.45	Pass
			5	22.48	-1.47	18.86	<=38.45	Pass
		3	0	22.54	-1.47	18.92	<=38.45	Pass
			2	22.56	-1.47	18.94	<=38.45	Pass
			3	22.61	-1.47	18.99	<=38.45	Pass
		6	0	21.50	-1.47	17.88	<=38.45	Pass
	836.5	1	0	22.58	-1.47	18.96	<=38.45	Pass
			2	22.55	-1.47	18.93	<=38.45	Pass
			5	22.56	-1.47	18.94	<=38.45	Pass
		3	0	22.66	-1.47	19.04	<=38.45	Pass
			2	22.60	-1.47	18.98	<=38.45	Pass
			3	22.64	-1.47	19.02	<=38.45	Pass
		6	0	21.51	-1.47	17.89	<=38.45	Pass
	848.3	1	0	22.29	-1.47	18.67	<=38.45	Pass
			2	22.25	-1.47	18.63	<=38.45	Pass
			5	22.23	-1.47	18.61	<=38.45	Pass
		3	0	22.20	-1.47	18.58	<=38.45	Pass
			2	22.20	-1.47	18.58	<=38.45	Pass
			3	22.16	-1.47	18.54	<=38.45	Pass
		6	0	21.15	-1.47	17.53	<=38.45	Pass
16QAM	824.7	1	0	22.20	-1.47	18.58	<=38.45	Pass
			2	22.24	-1.47	18.62	<=38.45	Pass
			5	22.22	-1.47	18.60	<=38.45	Pass
		3	0	21.38	-1.47	17.76	<=38.45	Pass
			2	21.31	-1.47	17.69	<=38.45	Pass
			3	21.36	-1.47	17.74	<=38.45	Pass
		6	0	20.47	-1.47	16.85	<=38.45	Pass
	836.5	1	0	21.85	-1.47	18.23	<=38.45	Pass
			2	21.76	-1.47	18.14	<=38.45	Pass
			5	21.81	-1.47	18.19	<=38.45	Pass
		3	0	21.61	-1.47	17.99	<=38.45	Pass
			2	21.61	-1.47	17.99	<=38.45	Pass
			3	21.62	-1.47	18.00	<=38.45	Pass
		6	0	20.60	-1.47	16.98	<=38.45	Pass
	848.3	1	0	20.74	-1.47	17.12	<=38.45	Pass
			2	20.76	-1.47	17.14	<=38.45	Pass
			5	20.81	-1.47	17.19	<=38.45	Pass
		3	0	20.98	-1.47	17.36	<=38.45	Pass
			2	20.89	-1.47	17.27	<=38.45	Pass
			3	20.46	-1.47	16.84	<=38.45	Pass
		6	0	20.15	-1.47	16.53	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B5_3MHz_ERP

Band: 5 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	825.5	1	0	21.40	-1.47	17.78	<=38.45	Pass
			7	21.45	-1.47	17.83	<=38.45	Pass
			14	21.46	-1.47	17.84	<=38.45	Pass
		8	0	21.43	-1.47	17.81	<=38.45	Pass
			4	21.44	-1.47	17.82	<=38.45	Pass
			7	21.49	-1.47	17.87	<=38.45	Pass
		15	0	21.47	-1.47	17.85	<=38.45	Pass
	836.5	1	0	21.59	-1.47	17.97	<=38.45	Pass
			7	21.56	-1.47	17.94	<=38.45	Pass
			14	21.55	-1.47	17.93	<=38.45	Pass
		8	0	21.55	-1.47	17.93	<=38.45	Pass
			4	21.55	-1.47	17.93	<=38.45	Pass
			7	21.54	-1.47	17.92	<=38.45	Pass
		15	0	21.55	-1.47	17.93	<=38.45	Pass
	847.5	1	0	21.20	-1.47	17.58	<=38.45	Pass
			7	21.14	-1.47	17.52	<=38.45	Pass
			14	21.16	-1.47	17.54	<=38.45	Pass
		8	0	21.21	-1.47	17.59	<=38.45	Pass
			4	21.20	-1.47	17.58	<=38.45	Pass
			7	21.19	-1.47	17.57	<=38.45	Pass
		15	0	21.19	-1.47	17.57	<=38.45	Pass
16QAM	825.5	1	0	21.46	-1.47	17.84	<=38.45	Pass
			7	21.45	-1.47	17.83	<=38.45	Pass
			14	21.51	-1.47	17.89	<=38.45	Pass
		8	0	21.49	-1.47	17.87	<=38.45	Pass
			4	21.50	-1.47	17.88	<=38.45	Pass
			7	21.49	-1.47	17.87	<=38.45	Pass
		15	0	21.49	-1.47	17.87	<=38.45	Pass
	836.5	1	0	21.55	-1.47	17.93	<=38.45	Pass
			7	21.55	-1.47	17.93	<=38.45	Pass
			14	21.55	-1.47	17.93	<=38.45	Pass
		8	0	21.54	-1.47	17.92	<=38.45	Pass
			4	21.54	-1.47	17.92	<=38.45	Pass
			7	21.54	-1.47	17.92	<=38.45	Pass
		15	0	21.54	-1.47	17.92	<=38.45	Pass
	847.5	1	0	21.19	-1.47	17.57	<=38.45	Pass
			7	21.19	-1.47	17.57	<=38.45	Pass
			14	21.18	-1.47	17.56	<=38.45	Pass
		8	0	21.19	-1.47	17.57	<=38.45	Pass
			4	21.17	-1.47	17.55	<=38.45	Pass
			7	21.18	-1.47	17.56	<=38.45	Pass
		15	0	21.17	-1.47	17.55	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B5_5MHz_ERP

Band: 5 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	826.5	1	0	22.70	-1.47	19.08	<=38.45	Pass
			13	22.63	-1.47	19.01	<=38.45	Pass
			24	22.63	-1.47	19.01	<=38.45	Pass
		12	0	21.55	-1.47	17.93	<=38.45	Pass
			6	21.53	-1.47	17.91	<=38.45	Pass
			13	21.48	-1.47	17.86	<=38.45	Pass

		25	0	21.49	-1.47	17.87	<=38.45	Pass
	836.5	1	0	22.54	-1.47	18.92	<=38.45	Pass
			13	22.50	-1.47	18.88	<=38.45	Pass
			24	22.53	-1.47	18.91	<=38.45	Pass
		12	0	21.65	-1.47	18.03	<=38.45	Pass
			6	21.60	-1.47	17.98	<=38.45	Pass
			13	21.60	-1.47	17.98	<=38.45	Pass
		25	0	21.64	-1.47	18.02	<=38.45	Pass
	846.5	1	0	22.17	-1.47	18.55	<=38.45	Pass
			13	22.15	-1.47	18.53	<=38.45	Pass
			24	22.16	-1.47	18.54	<=38.45	Pass
		12	0	21.25	-1.47	17.63	<=38.45	Pass
			6	21.23	-1.47	17.61	<=38.45	Pass
			13	21.22	-1.47	17.60	<=38.45	Pass
		25	0	21.24	-1.47	17.62	<=38.45	Pass
16QAM	826.5	1	0	20.75	-1.47	17.13	<=38.45	Pass
			13	20.69	-1.47	17.07	<=38.45	Pass
			24	20.66	-1.47	17.04	<=38.45	Pass
		12	0	20.58	-1.47	16.96	<=38.45	Pass
			6	20.56	-1.47	16.94	<=38.45	Pass
			13	20.47	-1.47	16.85	<=38.45	Pass
		25	0	20.63	-1.47	17.01	<=38.45	Pass
	836.5	1	0	21.42	-1.47	17.80	<=38.45	Pass
			13	21.38	-1.47	17.76	<=38.45	Pass
			24	21.35	-1.47	17.73	<=38.45	Pass
		12	0	20.58	-1.47	16.96	<=38.45	Pass
			6	20.59	-1.47	16.97	<=38.45	Pass
			13	20.59	-1.47	16.97	<=38.45	Pass
		25	0	20.65	-1.47	17.03	<=38.45	Pass
	846.5	1	0	21.04	-1.47	17.42	<=38.45	Pass
			13	21.04	-1.47	17.42	<=38.45	Pass
			24	21.02	-1.47	17.40	<=38.45	Pass
		12	0	20.19	-1.47	16.57	<=38.45	Pass
			6	20.18	-1.47	16.56	<=38.45	Pass
			13	20.12	-1.47	16.50	<=38.45	Pass
		25	0	20.14	-1.47	16.52	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B5_10MHz_ERP

Band: 5 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	829	1	0	21.38	-1.47	17.76	<=38.45	Pass
			25	21.37	-1.47	17.75	<=38.45	Pass
			49	21.38	-1.47	17.76	<=38.45	Pass
		25	0	21.41	-1.47	17.79	<=38.45	Pass
			13	21.39	-1.47	17.77	<=38.45	Pass
			25	21.37	-1.47	17.75	<=38.45	Pass
		50	0	21.42	-1.47	17.80	<=38.45	Pass
	836.5	1	0	21.55	-1.47	17.93	<=38.45	Pass
			25	21.59	-1.47	17.97	<=38.45	Pass
			49	21.58	-1.47	17.96	<=38.45	Pass
		25	0	21.58	-1.47	17.96	<=38.45	Pass
			13	21.57	-1.47	17.95	<=38.45	Pass
			25	21.56	-1.47	17.94	<=38.45	Pass
		50	0	21.55	-1.47	17.93	<=38.45	Pass

	844	1	0	21.17	-1.47	17.55	<=38.45	Pass
			25	21.19	-1.47	17.57	<=38.45	Pass
			49	21.17	-1.47	17.55	<=38.45	Pass
		25	0	21.15	-1.47	17.53	<=38.45	Pass
			13	21.14	-1.47	17.52	<=38.45	Pass
			25	21.17	-1.47	17.55	<=38.45	Pass
		50	0	21.17	-1.47	17.55	<=38.45	Pass
16QAM	829	1	0	21.41	-1.47	17.79	<=38.45	Pass
			25	21.40	-1.47	17.78	<=38.45	Pass
			49	21.40	-1.47	17.78	<=38.45	Pass
		25	0	21.39	-1.47	17.77	<=38.45	Pass
			13	21.39	-1.47	17.77	<=38.45	Pass
			25	21.42	-1.47	17.80	<=38.45	Pass
		50	0	21.42	-1.47	17.80	<=38.45	Pass
	836.5	1	0	21.54	-1.47	17.92	<=38.45	Pass
			25	21.57	-1.47	17.95	<=38.45	Pass
			49	21.57	-1.47	17.95	<=38.45	Pass
		25	0	21.56	-1.47	17.94	<=38.45	Pass
			13	21.56	-1.47	17.94	<=38.45	Pass
			25	21.55	-1.47	17.93	<=38.45	Pass
		50	0	21.55	-1.47	17.93	<=38.45	Pass
	844	1	0	21.16	-1.47	17.54	<=38.45	Pass
			25	21.16	-1.47	17.54	<=38.45	Pass
			49	21.21	-1.47	17.59	<=38.45	Pass
		25	0	21.21	-1.47	17.59	<=38.45	Pass
			13	21.21	-1.47	17.59	<=38.45	Pass
			25	21.20	-1.47	17.58	<=38.45	Pass
		50	0	21.20	-1.47	17.58	<=38.45	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	824.7	6	0	20	3.27	0.286	0.0003	-2.5 to 2.5	Pass
					3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
					4.43	0.558	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.572	0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.701	0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.215	0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
				10	3.85	0.501	0.0006	-2.5 to 2.5	Pass
				30	3.85	0.515	0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.157	0.0002	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	0.072	0.0001	-2.5 to 2.5	Pass
					3.85	1.044	0.0012	-2.5 to 2.5	Pass
					4.43	0.858	0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.144	0.0014	-2.5 to 2.5	Pass
				-10	3.85	1.116	0.0013	-2.5 to 2.5	Pass

				0	3.85	1.702	0.0020	-2.5 to 2.5	Pass
				10	3.85	0.815	0.0010	-2.5 to 2.5	Pass
				30	3.85	0.143	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.587	0.0007	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-0.172	-0.0002	-2.5 to 2.5	Pass
					3.85	0.186	0.0002	-2.5 to 2.5	Pass
					4.43	-0.429	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.486	0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.601	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.958	0.0011	-2.5 to 2.5	Pass
				10	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				30	3.85	0.501	0.0006	-2.5 to 2.5	Pass
				40	3.85	0.701	0.0008	-2.5 to 2.5	Pass
				50	3.85	0.372	0.0004	-2.5 to 2.5	Pass
16QAM	824.7	6	0	20	3.27	-0.186	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.458	-0.0006	-2.5 to 2.5	Pass
					4.43	0.272	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.701	0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.057	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.172	0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
				30	3.85	0.372	0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.715	-0.0009	-2.5 to 2.5	Pass
				50	3.85	0.229	0.0003	-2.5 to 2.5	Pass
	836.5	6	0	20	3.27	1.402	0.0017	-2.5 to 2.5	Pass
					3.85	1.402	0.0017	-2.5 to 2.5	Pass
					4.43	0.429	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.343	0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.745	0.0021	-2.5 to 2.5	Pass
				-10	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				0	3.85	1.702	0.0020	-2.5 to 2.5	Pass
				10	3.85	2.503	0.0030	-2.5 to 2.5	Pass
				30	3.85	0.987	0.0012	-2.5 to 2.5	Pass
				40	3.85	1.144	0.0014	-2.5 to 2.5	Pass
				50	3.85	1.559	0.0019	-2.5 to 2.5	Pass
	848.3	6	0	20	3.27	-0.515	-0.0006	-2.5 to 2.5	Pass
					3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
					4.43	-0.730	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.815	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.044	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-0.129	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.858	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.772	-0.0009	-2.5 to 2.5	Pass
				30	3.85	0.057	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.672	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.744	-0.0009	-2.5 to 2.5	Pass

2.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.27	-0.429	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.558	-0.0007	-2.5 to 2.5	Pass

					4.43	-0.544	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.243	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.343	0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.987	-0.0012	-2.5 to 2.5	Pass
				10	3.85	1.059	0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.215	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.758	-0.0009	-2.5 to 2.5	Pass
				50	3.85	0.100	0.0001	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-0.014	0.0000	-2.5 to 2.5	Pass
					3.85	-0.544	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.901	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	0.429	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.944	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.715	-0.0009	-2.5 to 2.5	Pass
				0	3.85	0.472	0.0006	-2.5 to 2.5	Pass
				10	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.601	-0.0007	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	-0.129	-0.0002	-2.5 to 2.5	Pass
					3.85	0.672	0.0008	-2.5 to 2.5	Pass
					4.43	0.143	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.772	0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.615	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.343	0.0004	-2.5 to 2.5	Pass
				10	3.85	0.672	0.0008	-2.5 to 2.5	Pass
				30	3.85	0.200	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.687	0.0008	-2.5 to 2.5	Pass
				50	3.85	1.001	0.0012	-2.5 to 2.5	Pass
16QAM	825.5	15	0	20	3.27	-0.315	-0.0004	-2.5 to 2.5	Pass
					3.85	0.086	0.0001	-2.5 to 2.5	Pass
					4.43	0.143	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				0	3.85	0.601	0.0007	-2.5 to 2.5	Pass
				10	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.501	-0.0006	-2.5 to 2.5	Pass
				50	3.85	0.157	0.0002	-2.5 to 2.5	Pass
	836.5	15	0	20	3.27	-0.029	0.0000	-2.5 to 2.5	Pass
					3.85	1.001	0.0012	-2.5 to 2.5	Pass
					4.43	-0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.486	0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.329	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
				0	3.85	1.473	0.0018	-2.5 to 2.5	Pass
				10	3.85	1.216	0.0015	-2.5 to 2.5	Pass
				30	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				40	3.85	1.202	0.0014	-2.5 to 2.5	Pass
				50	3.85	0.286	0.0003	-2.5 to 2.5	Pass
	847.5	15	0	20	3.27	0.329	0.0004	-2.5 to 2.5	Pass
					3.85	-0.014	0.0000	-2.5 to 2.5	Pass
					4.43	0.215	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.873	0.0010	-2.5 to 2.5	Pass
				-10	3.85	1.116	0.0013	-2.5 to 2.5	Pass

				0	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.172	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.286	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.200	0.0002	-2.5 to 2.5	Pass

2.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.27	0.243	0.0003	-2.5 to 2.5	Pass
					3.85	-0.329	-0.0004	-2.5 to 2.5	Pass
					4.43	0.100	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.572	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.944	0.0011	-2.5 to 2.5	Pass
				10	3.85	-0.286	-0.0003	-2.5 to 2.5	Pass
				30	3.85	1.130	0.0014	-2.5 to 2.5	Pass
				40	3.85	0.143	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.472	0.0006	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	1.373	0.0016	-2.5 to 2.5	Pass
					3.85	-0.401	-0.0005	-2.5 to 2.5	Pass
					4.43	-0.057	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.443	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.758	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.243	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.572	0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-0.143	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.687	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.372	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.515	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.615	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.257	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.587	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.544	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.529	-0.0006	-2.5 to 2.5	Pass
				50	3.85	0.587	0.0007	-2.5 to 2.5	Pass
16QAM	826.5	25	0	20	3.27	0.916	0.0011	-2.5 to 2.5	Pass
					3.85	0.143	0.0002	-2.5 to 2.5	Pass
					4.43	-0.157	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.501	0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.858	0.0010	-2.5 to 2.5	Pass
				0	3.85	0.343	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.687	-0.0008	-2.5 to 2.5	Pass
				40	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
	836.5	25	0	20	3.27	-0.358	-0.0004	-2.5 to 2.5	Pass
					3.85	0.300	0.0004	-2.5 to 2.5	Pass

					4.43	0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.629	0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.143	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.200	0.0002	-2.5 to 2.5	Pass
				50	3.85	0.272	0.0003	-2.5 to 2.5	Pass
	846.5	25	0	20	3.27	-1.788	-0.0021	-2.5 to 2.5	Pass
					3.85	0.215	0.0003	-2.5 to 2.5	Pass
					4.43	-0.973	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.458	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.329	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.85	-0.544	-0.0006	-2.5 to 2.5	Pass
				30	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass

2.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	829	50	0	20	3.27	-0.415	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.515	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.358	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.358	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.401	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				10	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				30	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				40	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
				50	3.85	0.472	0.0006	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	0.286	0.0003	-2.5 to 2.5	Pass
					3.85	0.086	0.0001	-2.5 to 2.5	Pass
					4.43	0.086	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.544	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.715	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.129	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.329	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.572	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
				50	3.85	0.215	0.0003	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-0.887	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.429	-0.0005	-2.5 to 2.5	Pass
					4.43	0.343	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.486	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.529	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.373	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.715	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.615	-0.0007	-2.5 to 2.5	Pass

				40	3.85	-1.316	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-1.030	-0.0012	-2.5 to 2.5	Pass
16QAM	829	50	0	20	3.27	-0.229	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
					4.43	-0.315	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-0.286	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.443	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.758	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				40	3.85	0.601	0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.343	-0.0004	-2.5 to 2.5	Pass
	836.5	50	0	20	3.27	0.057	0.0001	-2.5 to 2.5	Pass
					3.85	0.472	0.0006	-2.5 to 2.5	Pass
					4.43	-0.930	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	1.373	0.0016	-2.5 to 2.5	Pass
				-20	3.85	-0.358	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.243	0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.272	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.443	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.443	-0.0005	-2.5 to 2.5	Pass
				50	3.85	0.215	0.0003	-2.5 to 2.5	Pass
	844	50	0	20	3.27	-0.186	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
					4.43	0.772	0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.243	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.501	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.787	0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.215	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.372	-0.0004	-2.5 to 2.5	Pass
				30	3.85	0.501	0.0006	-2.5 to 2.5	Pass
				40	3.85	0.143	0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.129	-0.0002	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	6	0	Refer To Test Graph		Pass
16QAM	836.5	6	0	Refer To Test Graph		Pass

3.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	15	0	Refer To Test Graph		Pass
16QAM	836.5	15	0	Refer To Test Graph		Pass

3.1.3 B5_5MHz

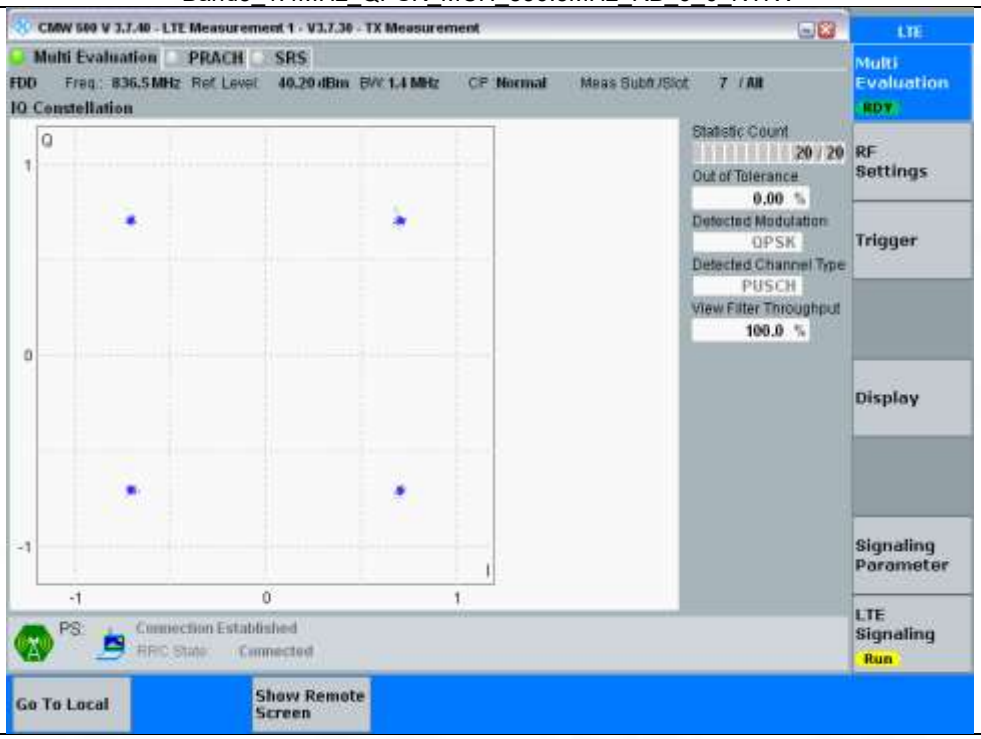
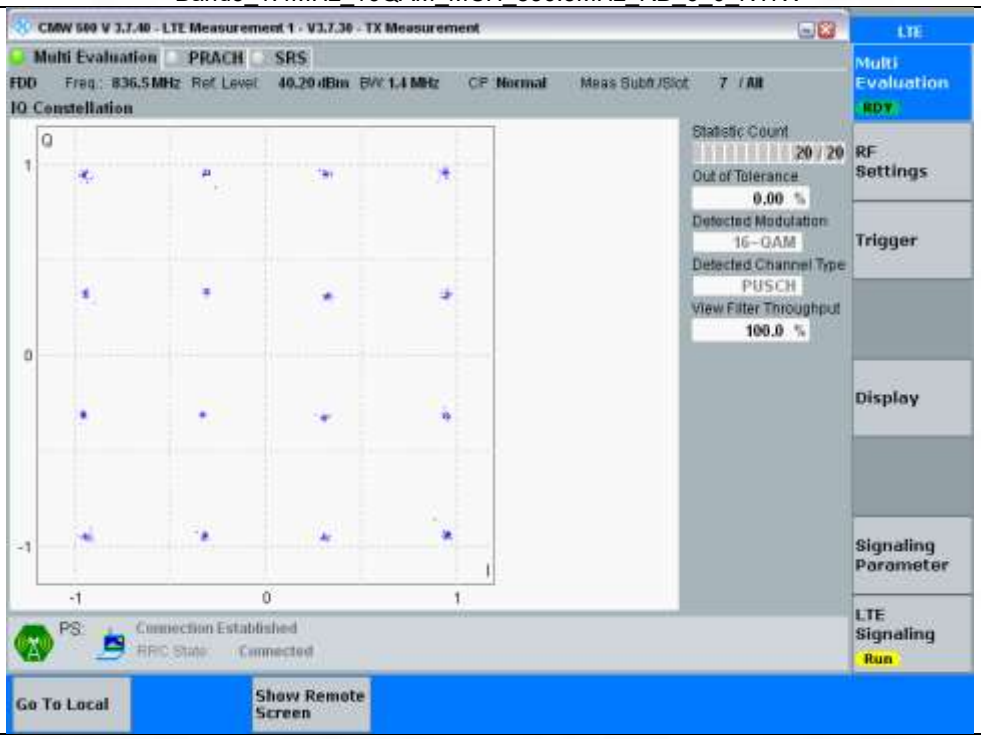
Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.1.4 B5_10MHz

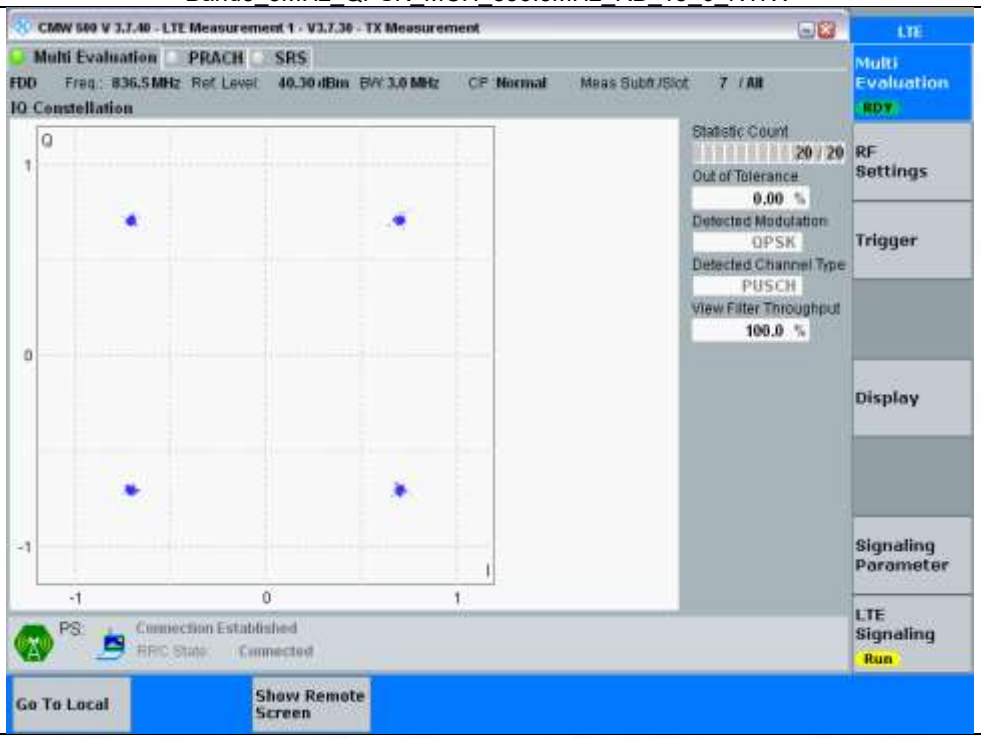
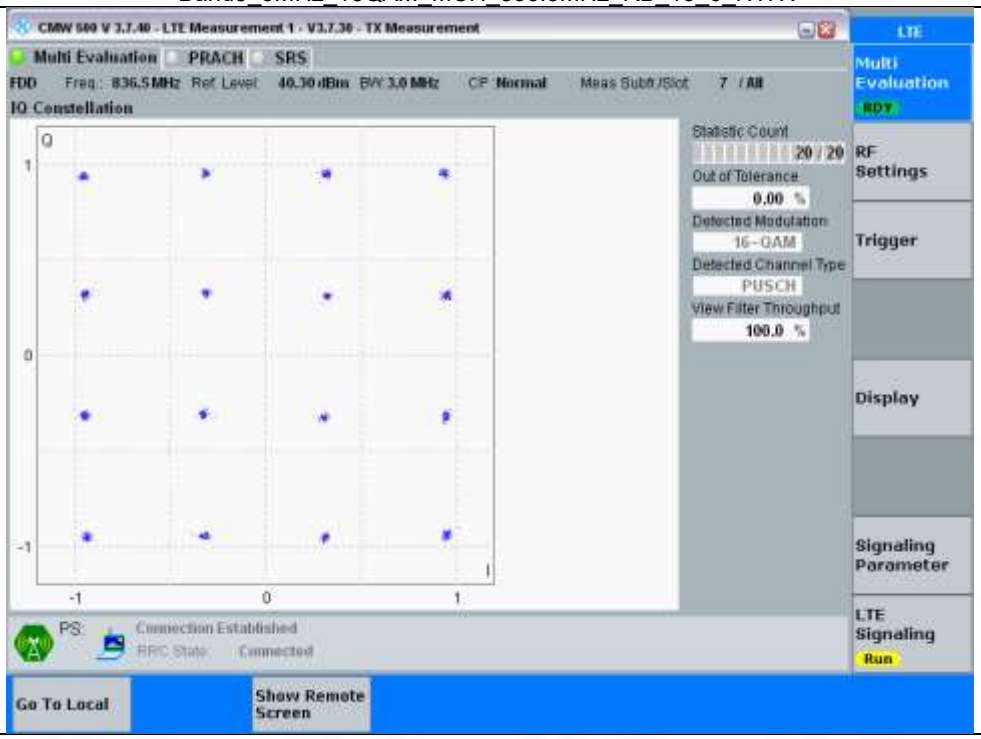
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

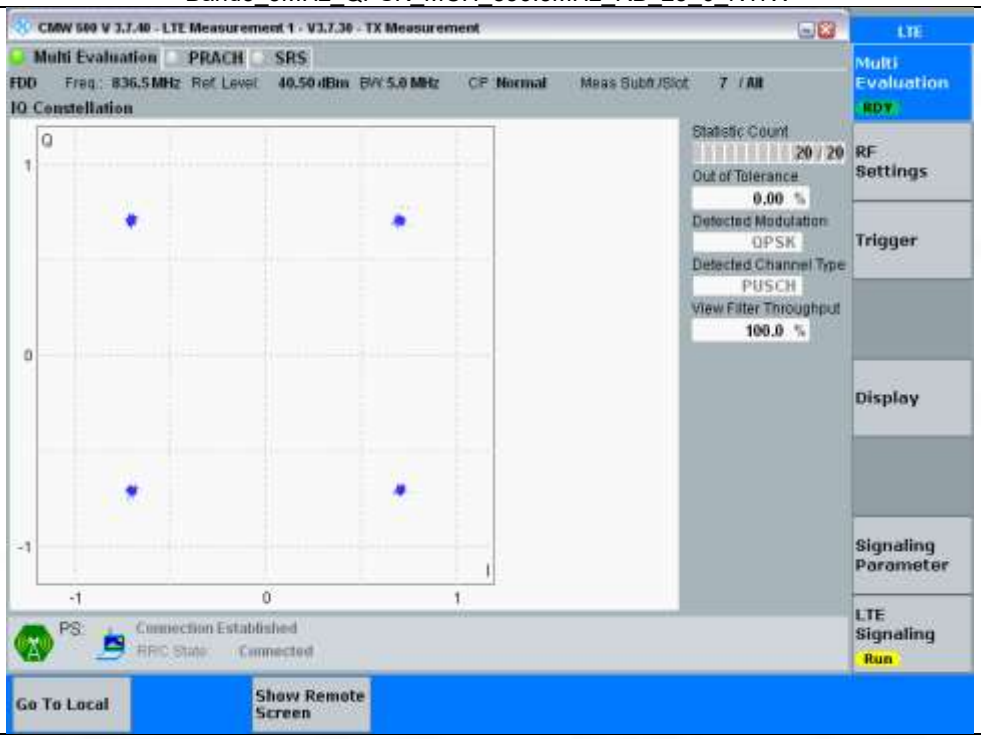
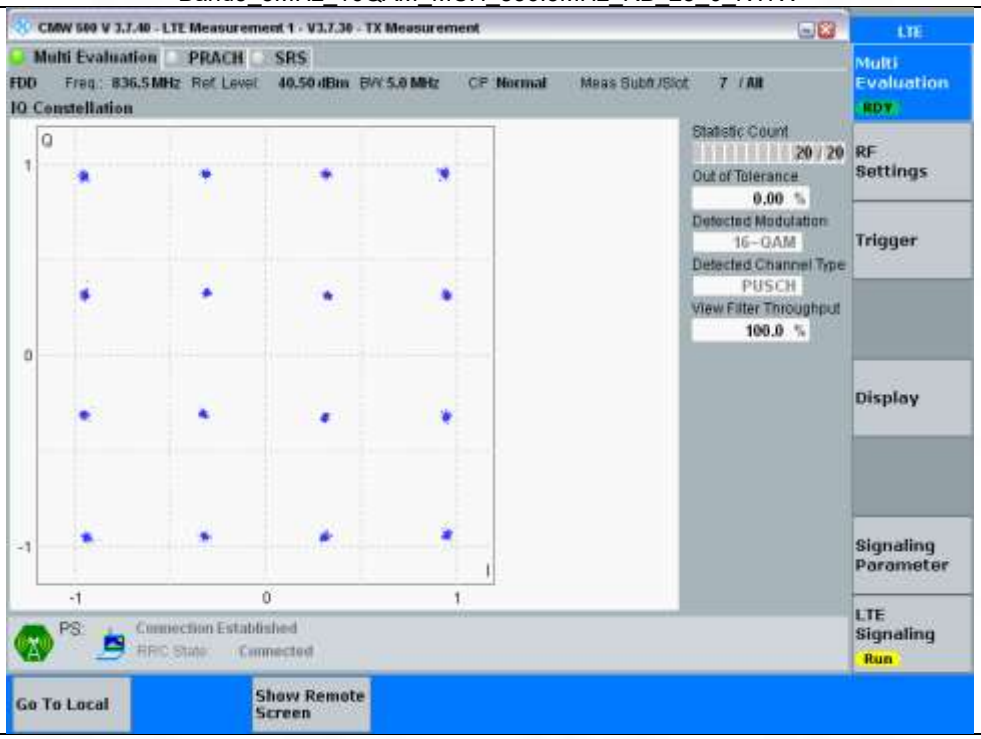
3.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV

Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV


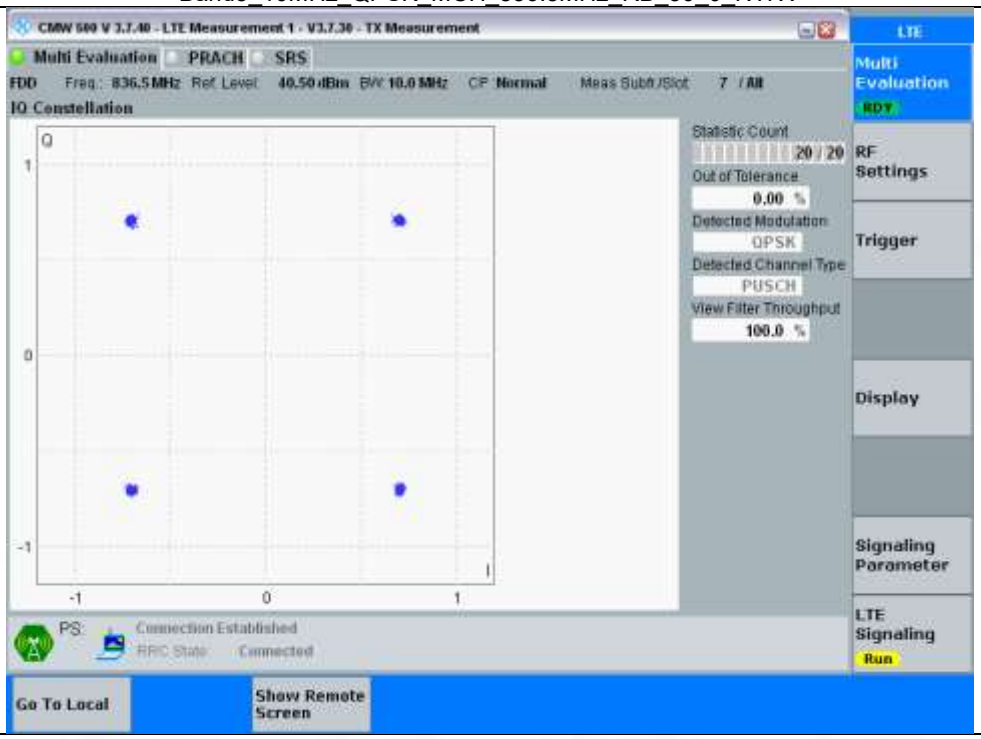
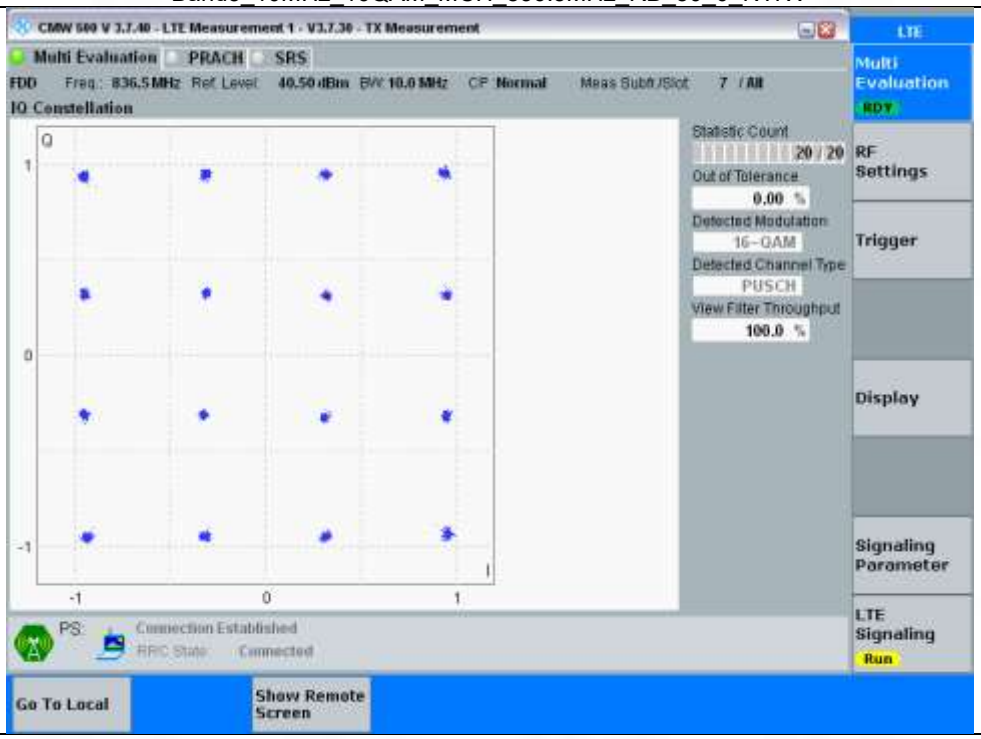
3.2.2 B5_3MHz

Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV

Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV


3.2.3 B5_5MHz

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV

Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV


3.2.4 B5_10MHz

Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV

Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV


4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band5_OBW

Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.099	/	Pass
		836.5	6	0	1.102	/	Pass
		848.3	6	0	1.110	/	Pass
	16QAM	824.7	6	0	1.104	/	Pass
		836.5	6	0	1.097	/	Pass
		848.3	6	0	1.112	/	Pass
3	QPSK	825.5	15	0	2.707	/	Pass
		836.5	15	0	2.711	/	Pass
		847.5	15	0	2.734	/	Pass
	16QAM	825.5	15	0	2.711	/	Pass
		836.5	15	0	2.708	/	Pass
		847.5	15	0	2.716	/	Pass
5	QPSK	826.5	25	0	4.566	/	Pass
		836.5	25	0	4.549	/	Pass
		846.5	25	0	4.540	/	Pass
	16QAM	826.5	25	0	4.540	/	Pass
		836.5	25	0	4.569	/	Pass
		846.5	25	0	4.573	/	Pass
10	QPSK	829	50	0	9.046	/	Pass
		836.5	50	0	9.055	/	Pass
		844	50	0	9.090	/	Pass
	16QAM	829	50	0	9.061	/	Pass
		836.5	50	0	9.071	/	Pass
		844	50	0	9.051	/	Pass

4.1.2 Band5_XDB

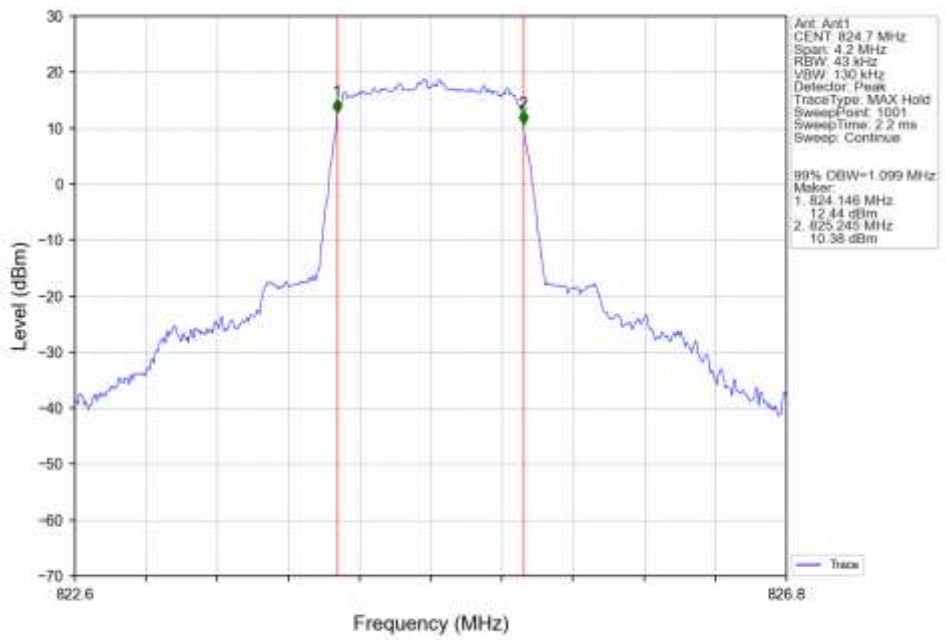
Band: 5 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.260	/	Pass
		836.5	6	0	1.268	/	Pass
		848.3	6	0	1.262	/	Pass
	16QAM	824.7	6	0	1.272	/	Pass
		836.5	6	0	1.265	/	Pass
		848.3	6	0	1.273	/	Pass
3	QPSK	825.5	15	0	2.967	/	Pass
		836.5	15	0	2.970	/	Pass
		847.5	15	0	2.982	/	Pass
	16QAM	825.5	15	0	2.969	/	Pass
		836.5	15	0	2.971	/	Pass
		847.5	15	0	2.973	/	Pass
5	QPSK	826.5	25	0	5.044	/	Pass
		836.5	25	0	5.061	/	Pass
		846.5	25	0	5.068	/	Pass

	16QAM	826.5	25	0	5.070	/	Pass
		836.5	25	0	5.030	/	Pass
		846.5	25	0	5.078	/	Pass
10	QPSK	829	50	0	10.066	/	Pass
		836.5	50	0	10.059	/	Pass
		844	50	0	10.150	/	Pass
	16QAM	829	50	0	10.039	/	Pass
		836.5	50	0	10.065	/	Pass
		844	50	0	10.081	/	Pass

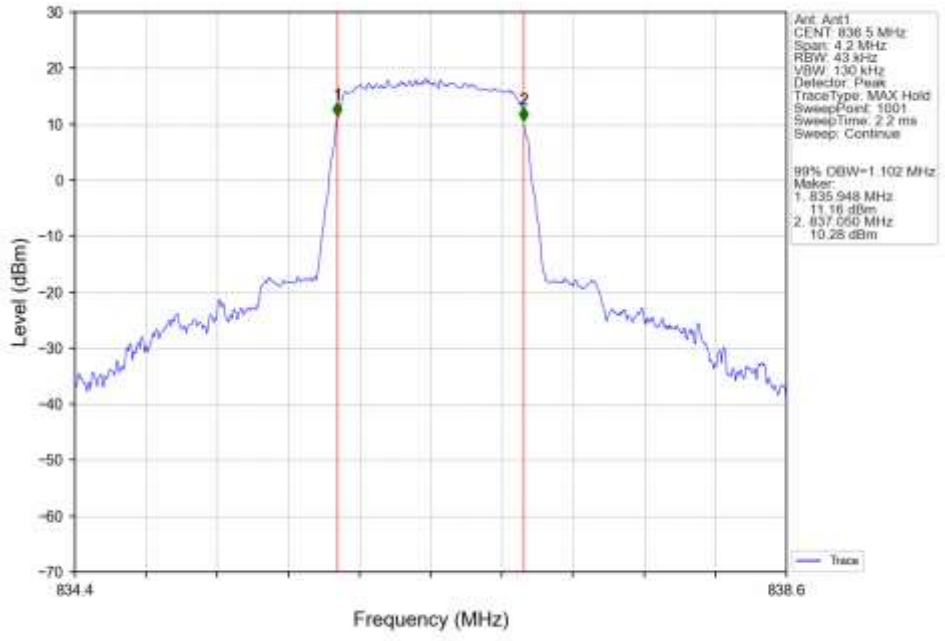
4.2 Test Graph

4.2.1 Band5_OBW

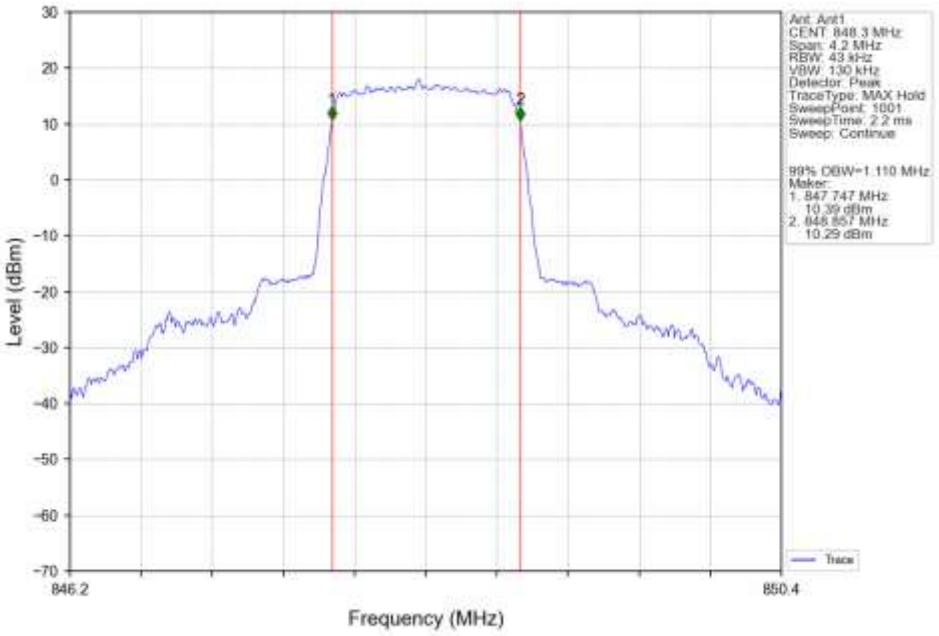
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



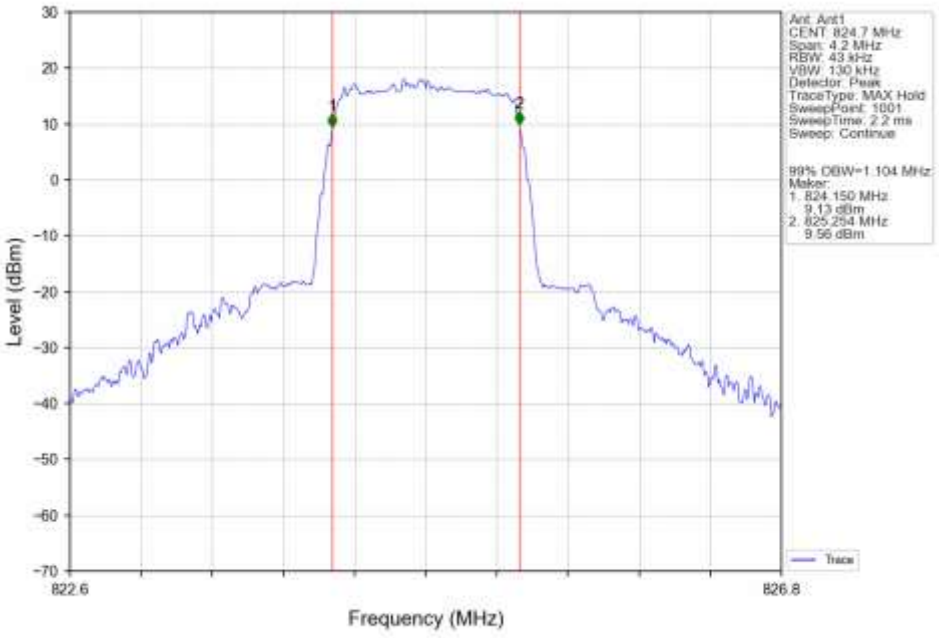
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



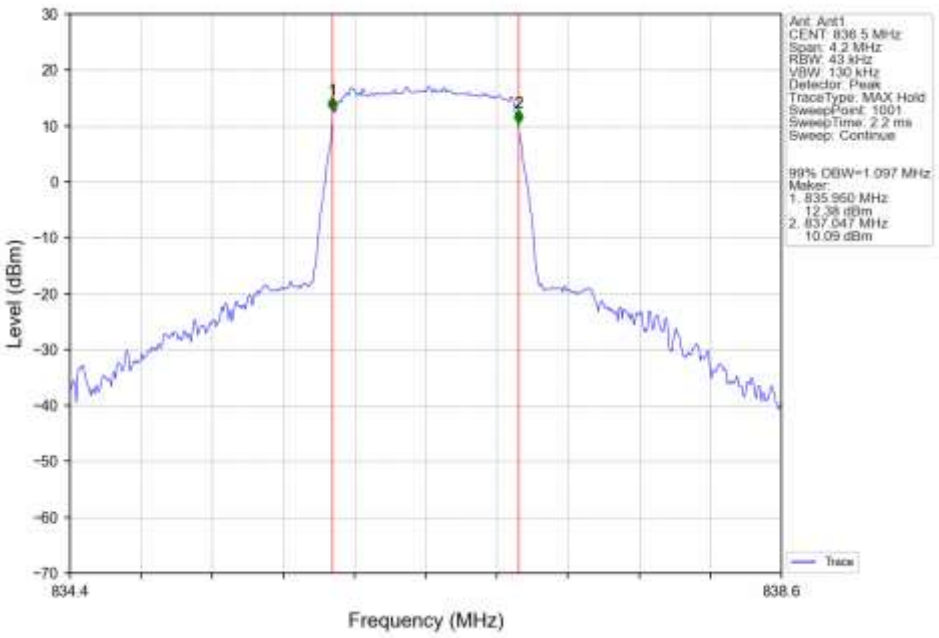
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



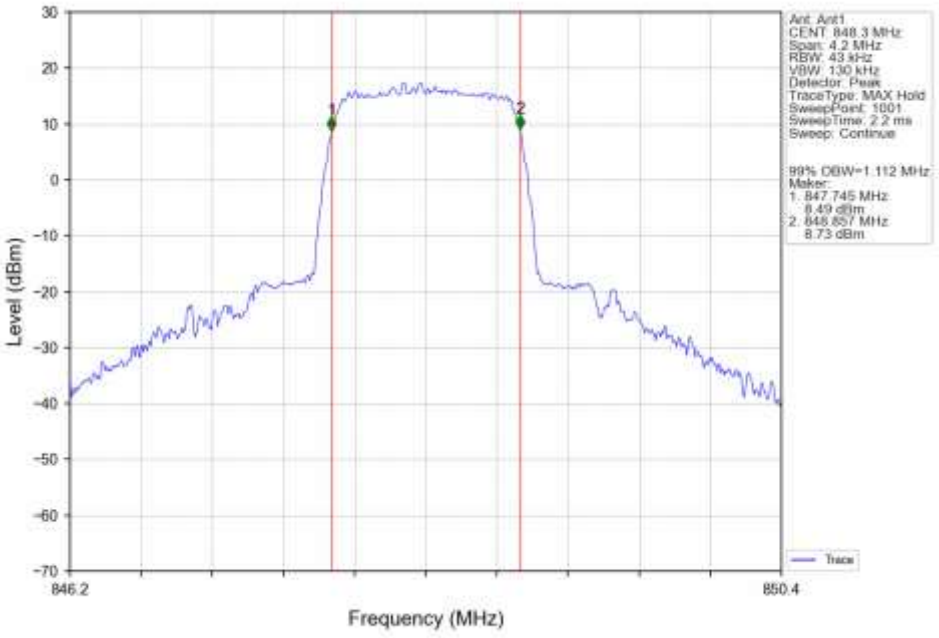
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



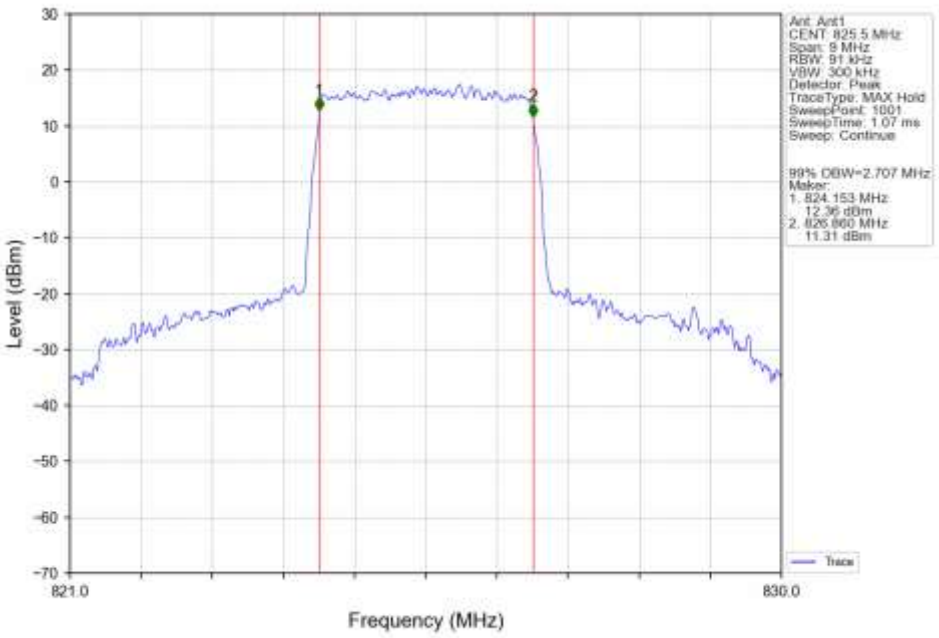
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



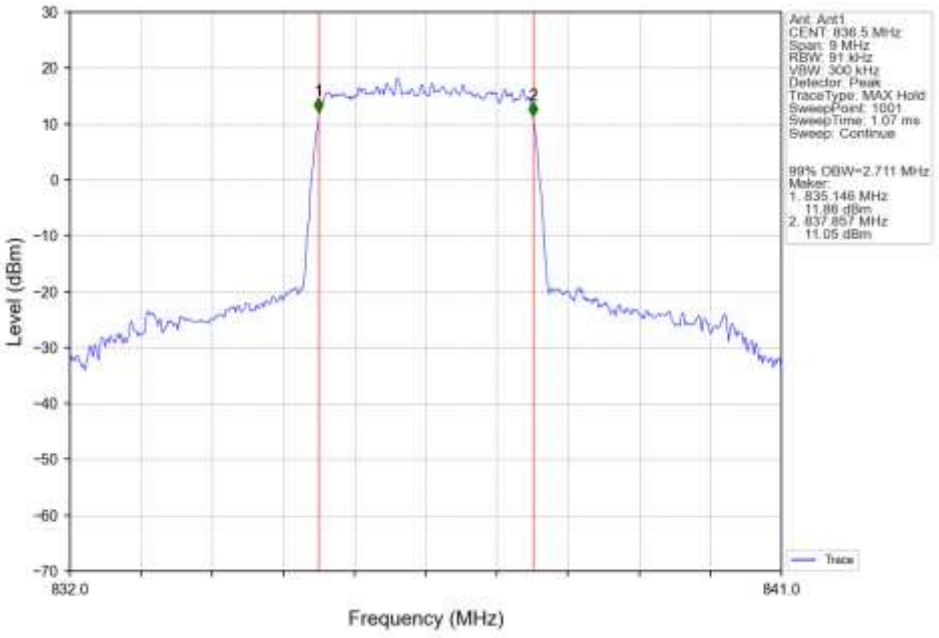
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



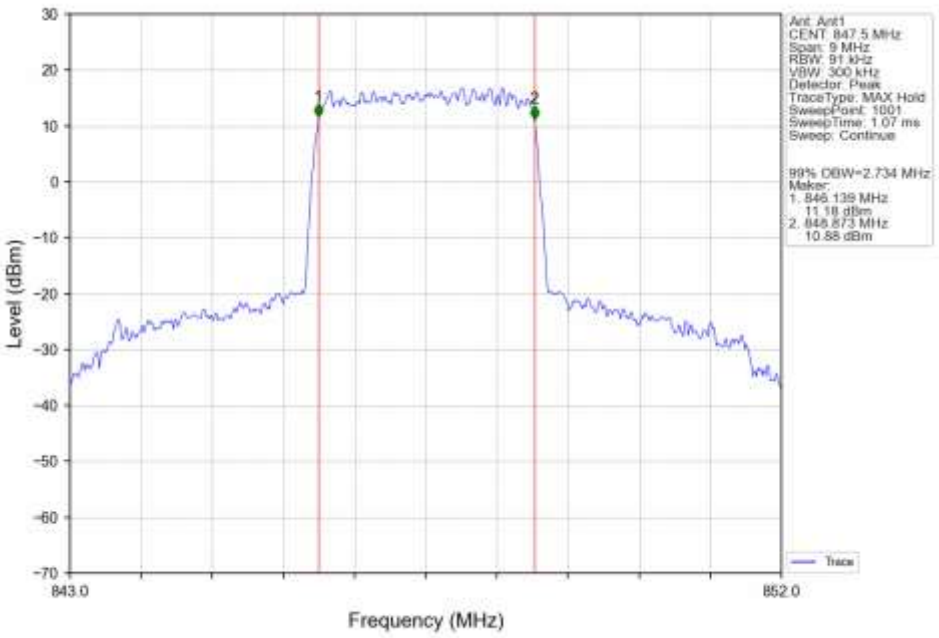
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



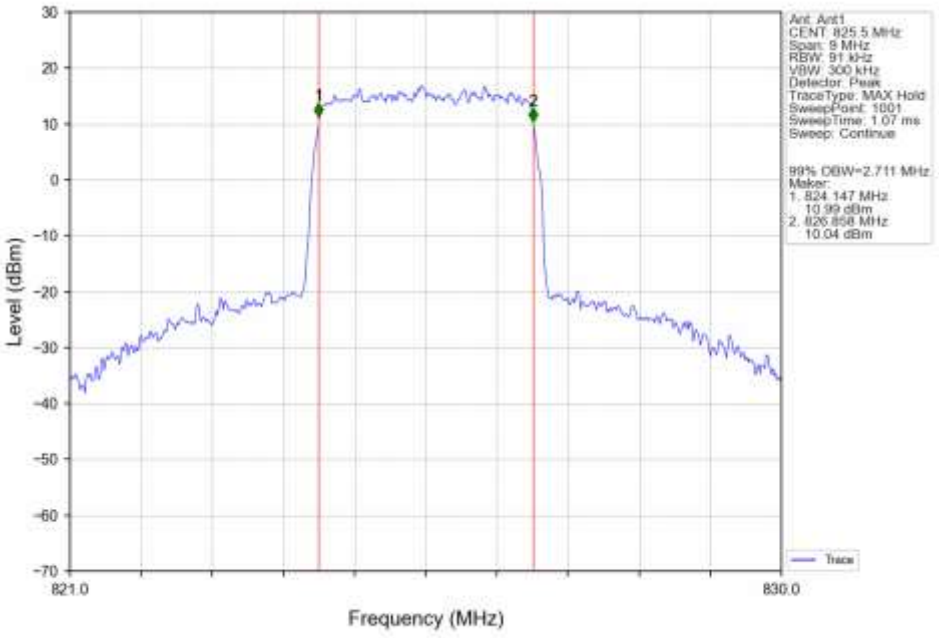
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



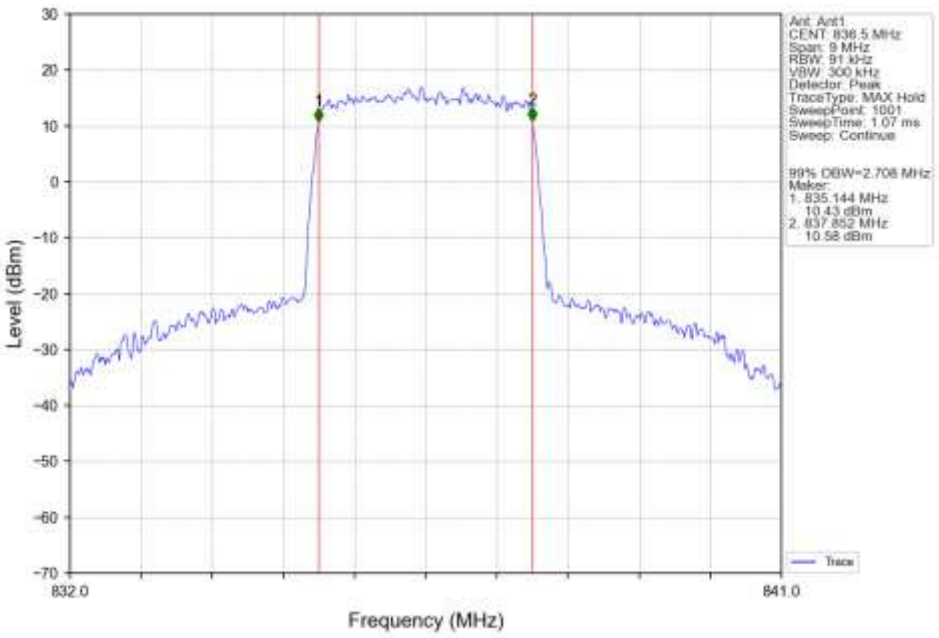
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



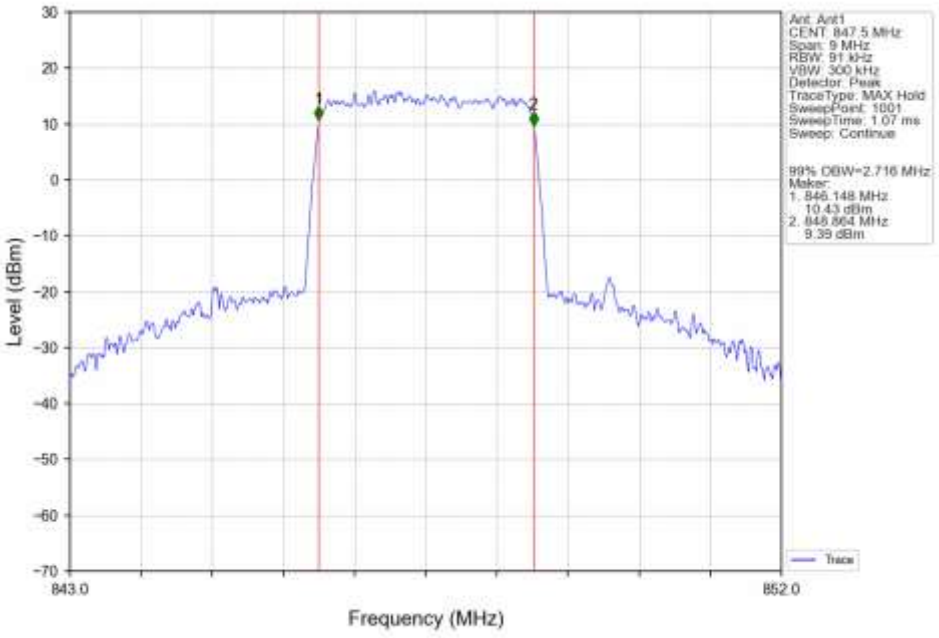
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



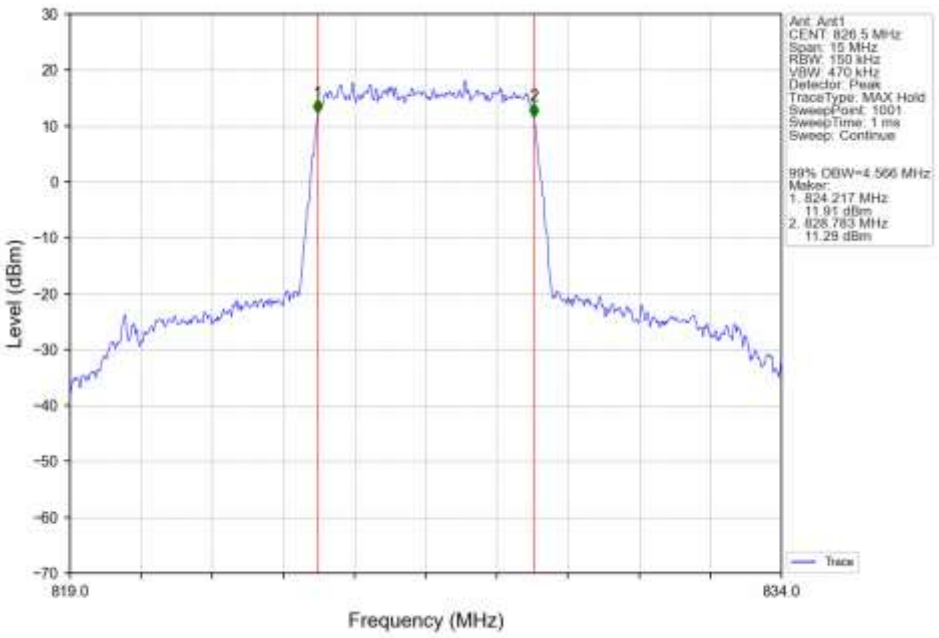
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



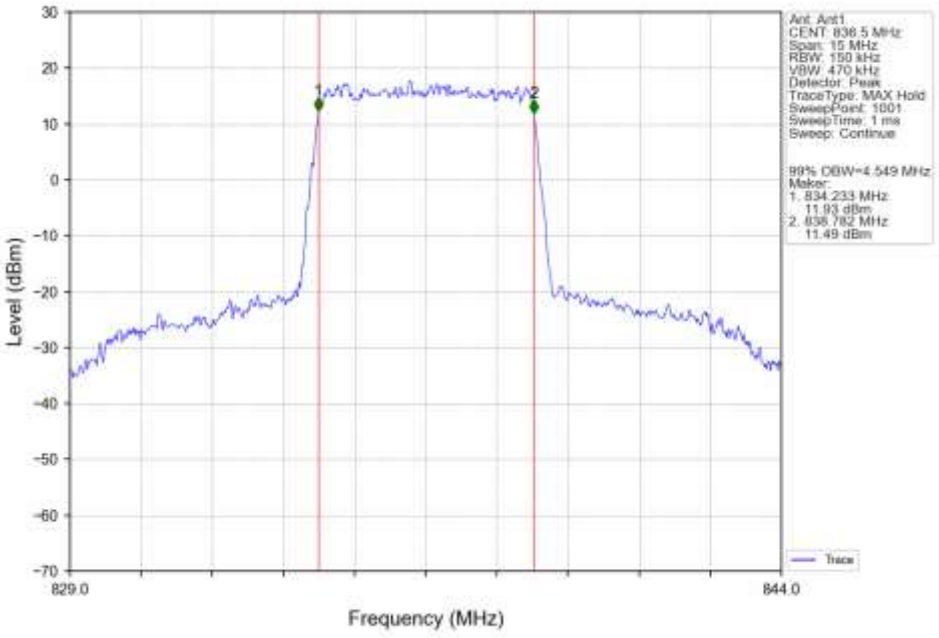
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



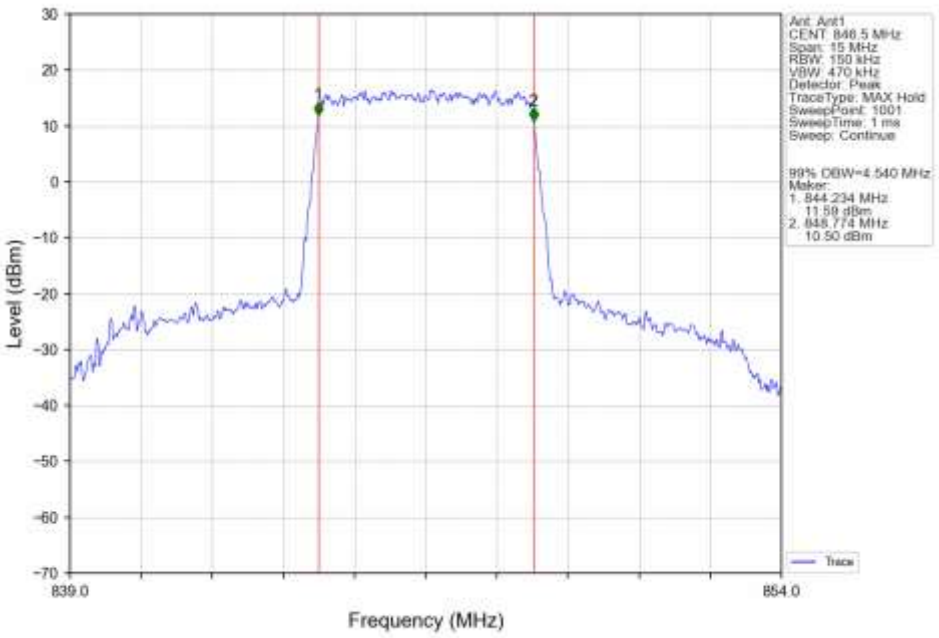
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



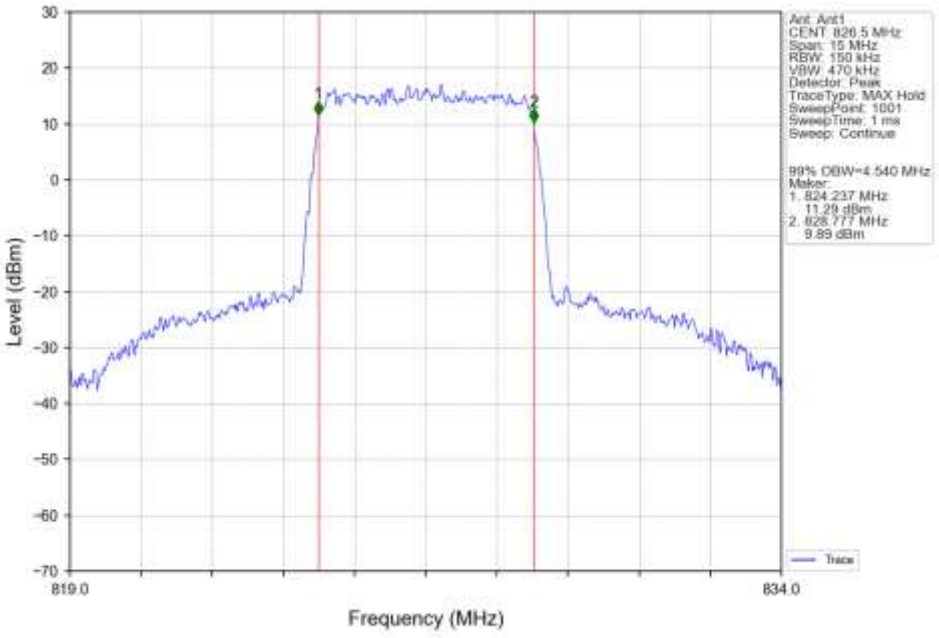
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



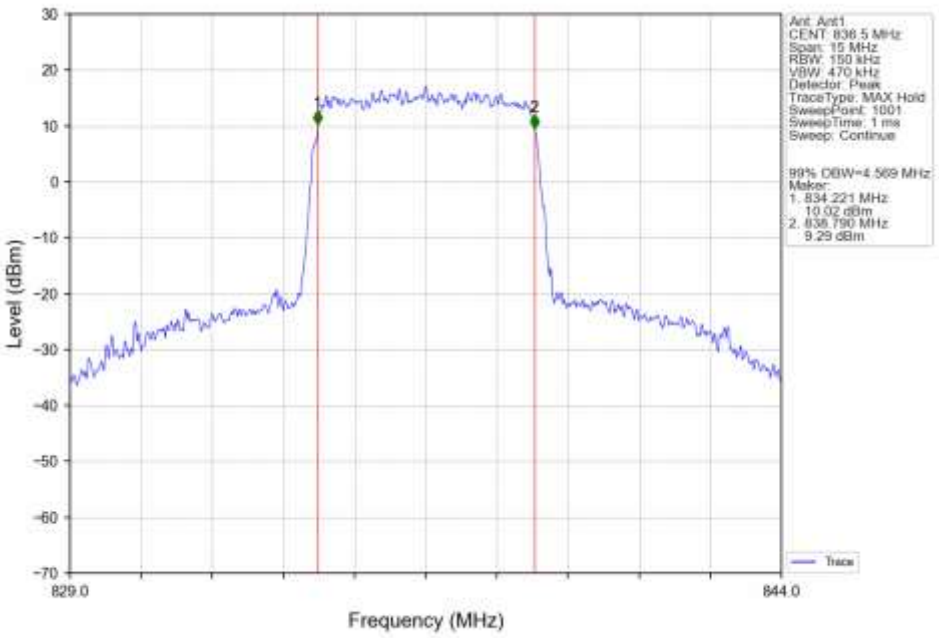
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



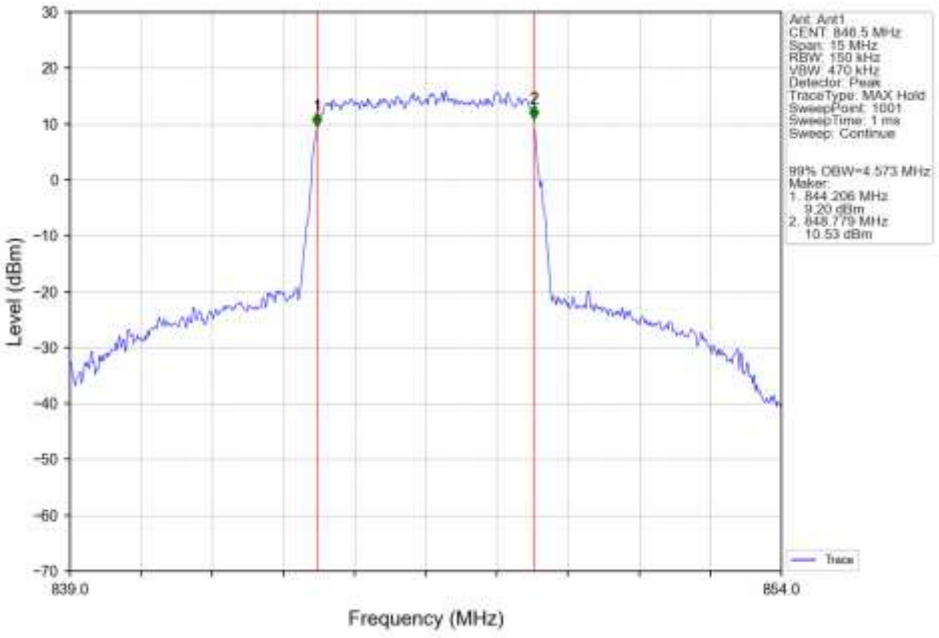
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



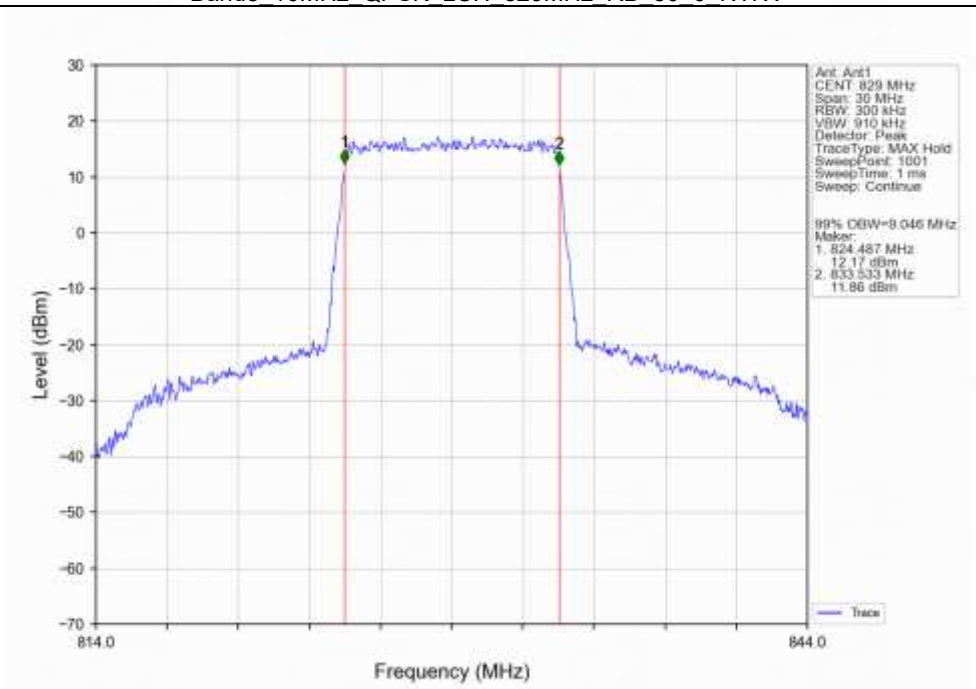
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



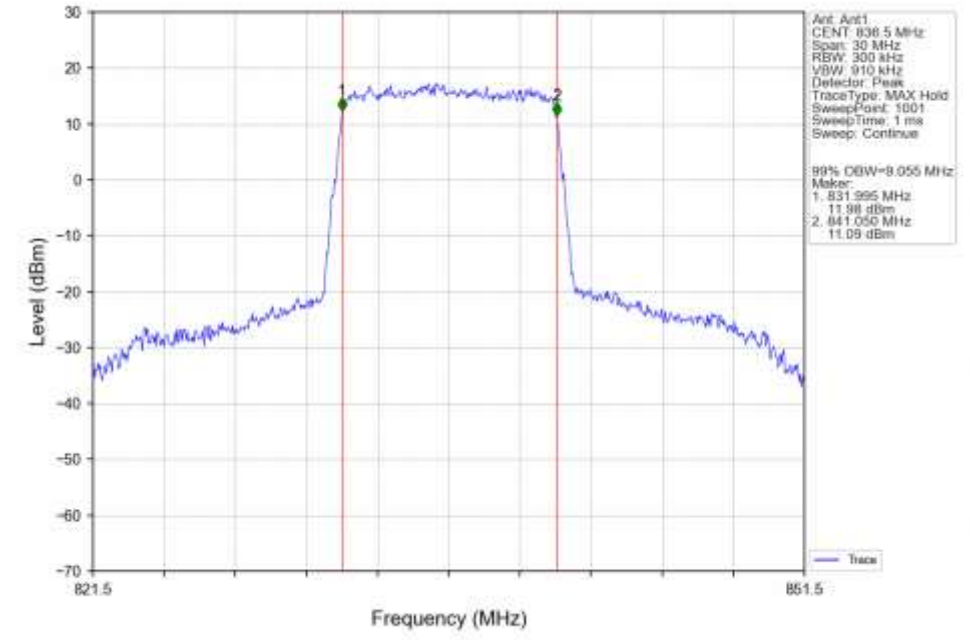
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



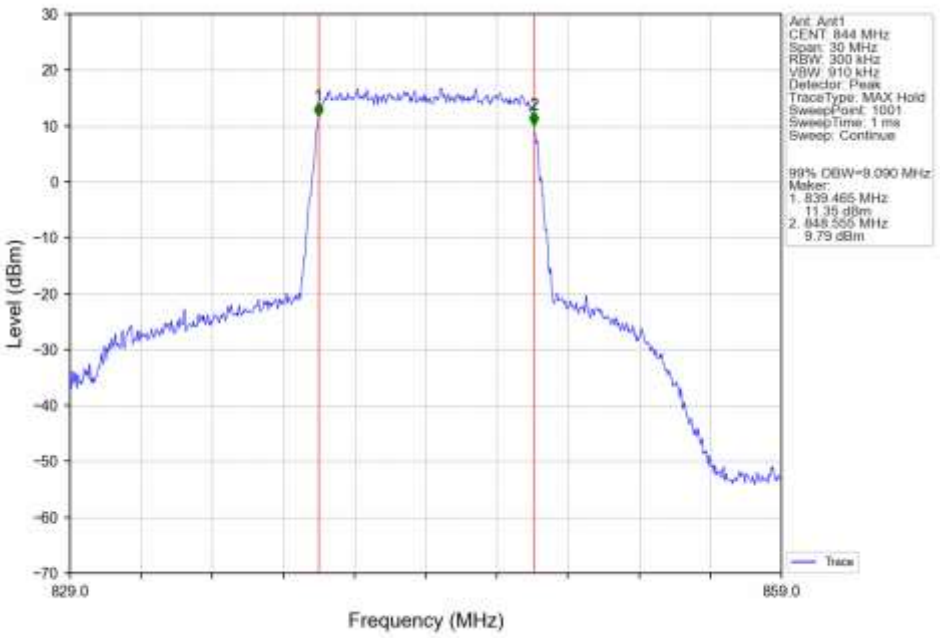
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



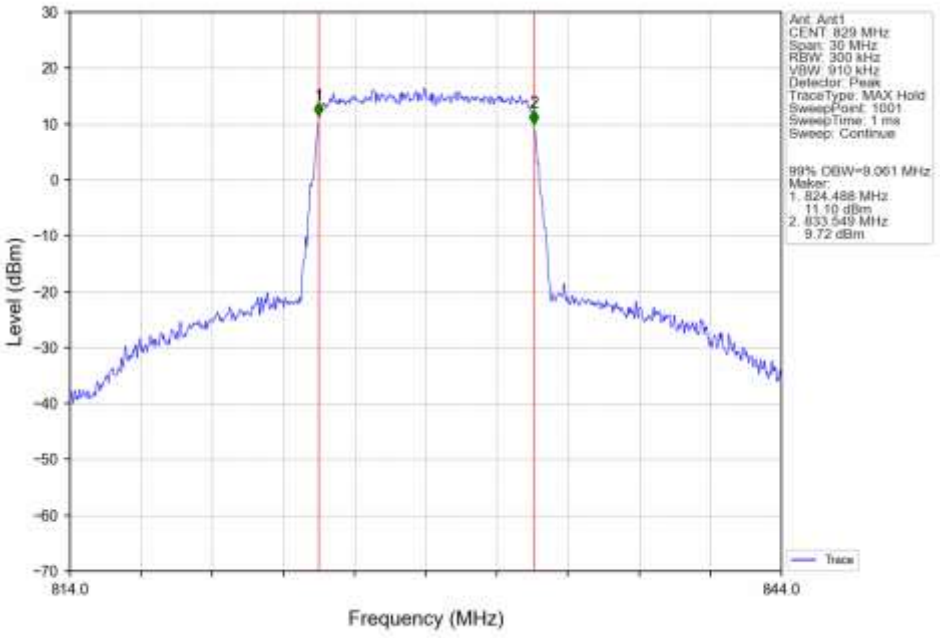
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



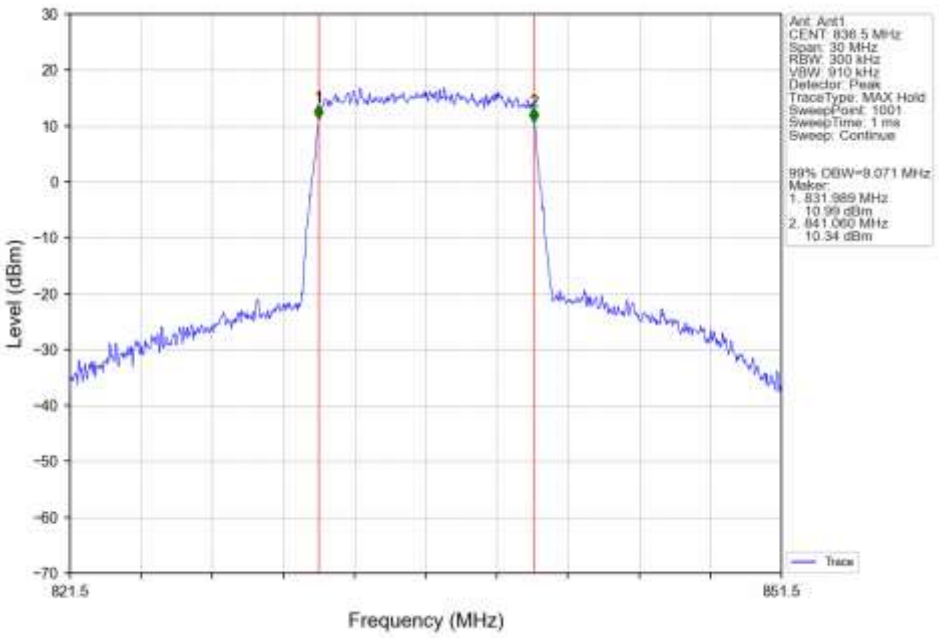
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



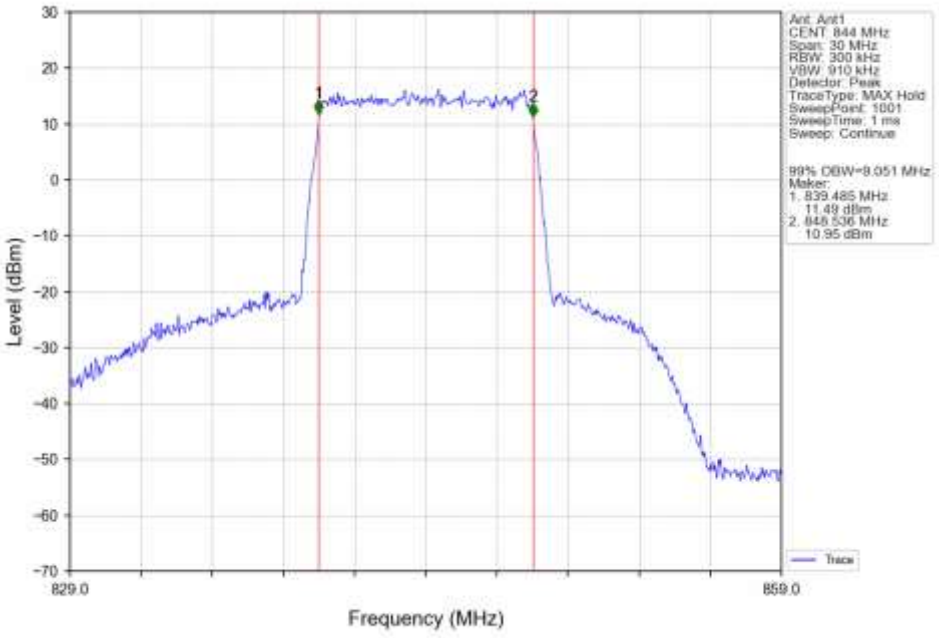
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



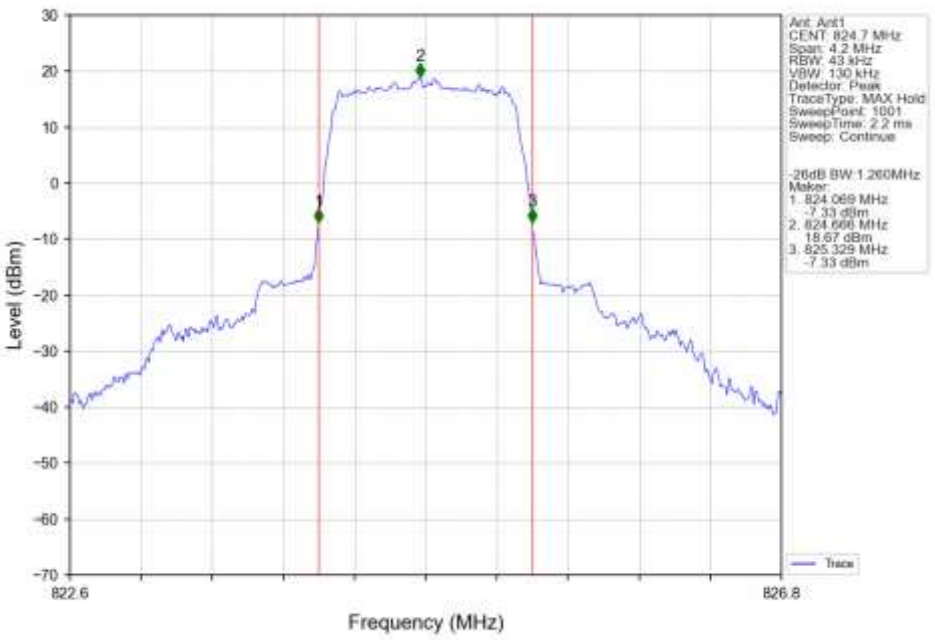
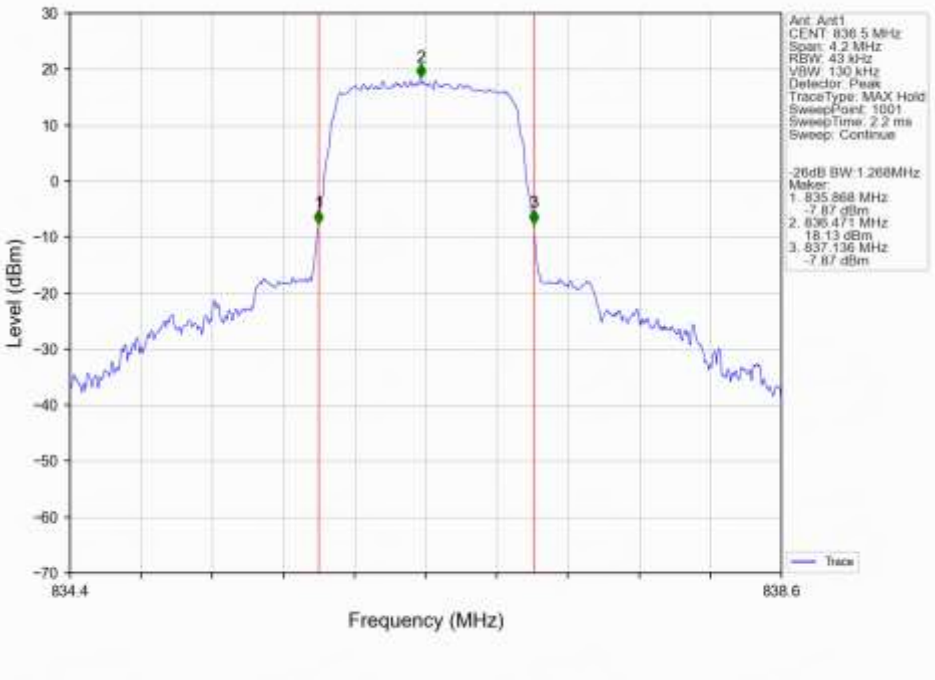
Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



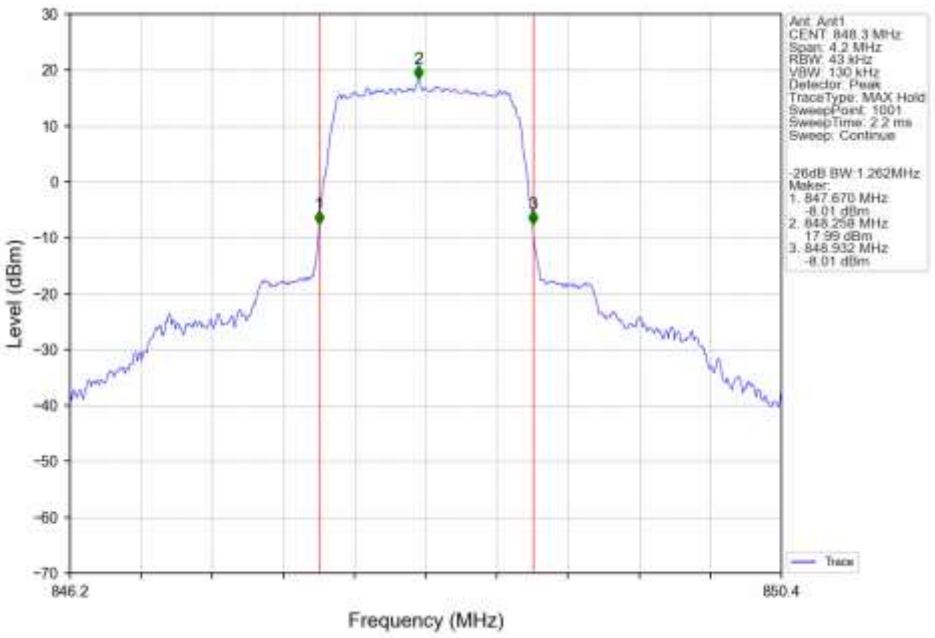
Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



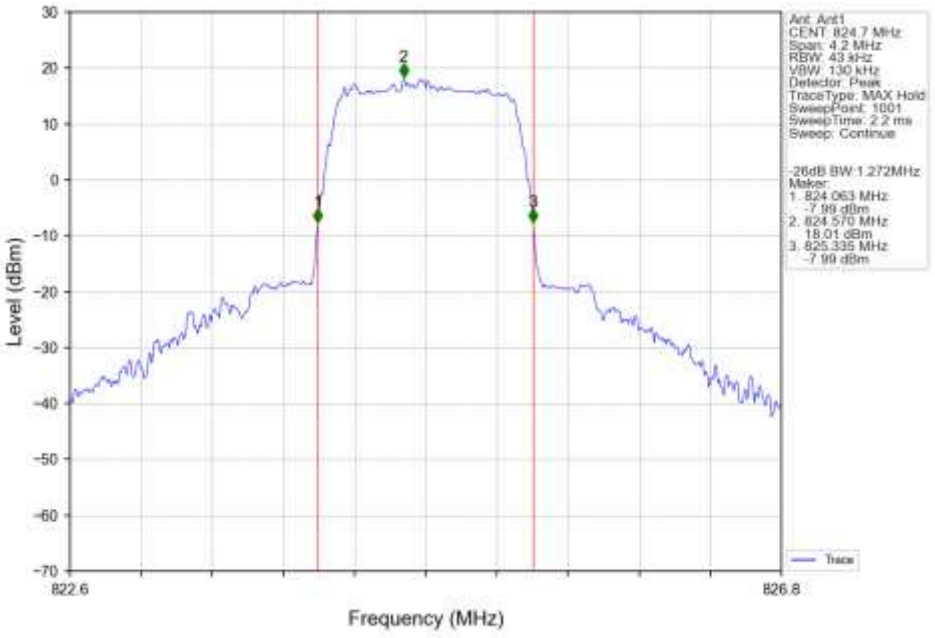
4.2.2 Band5_XDB

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV


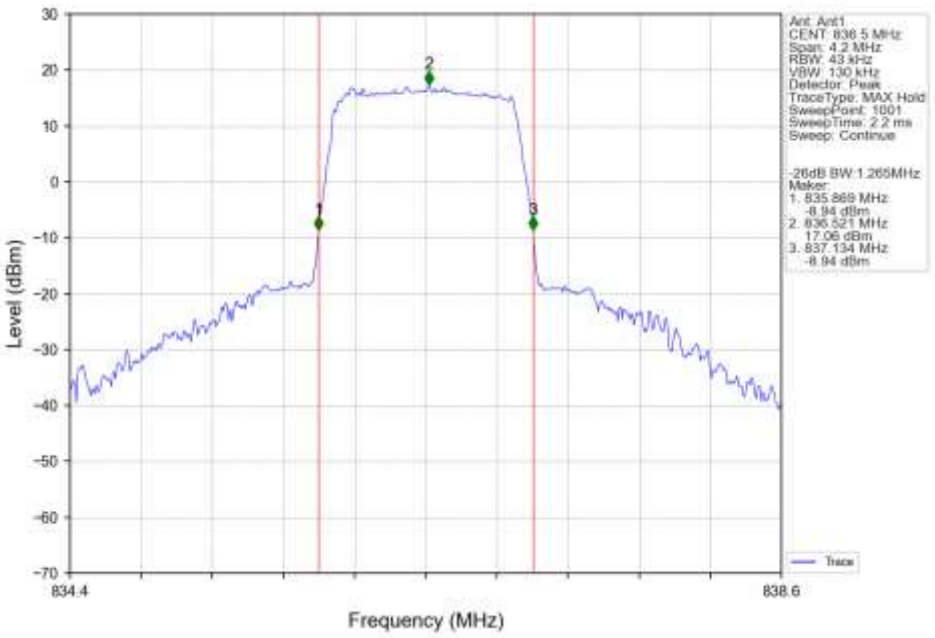
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



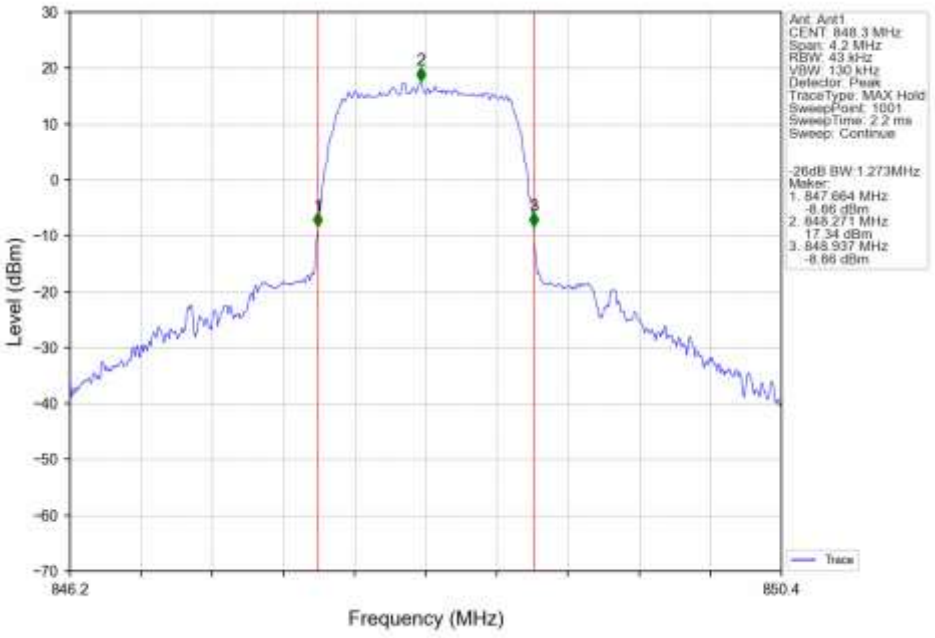
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



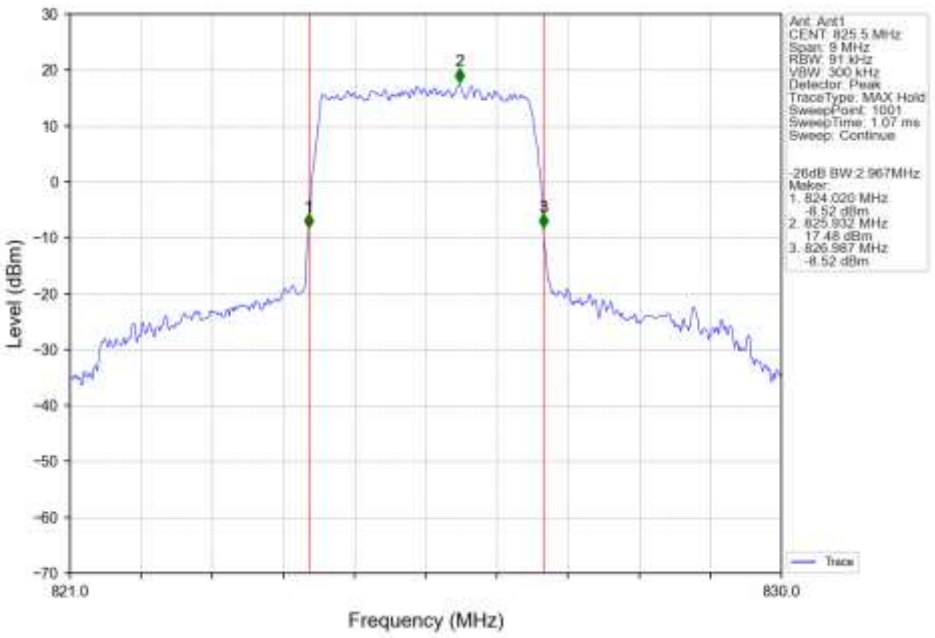
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



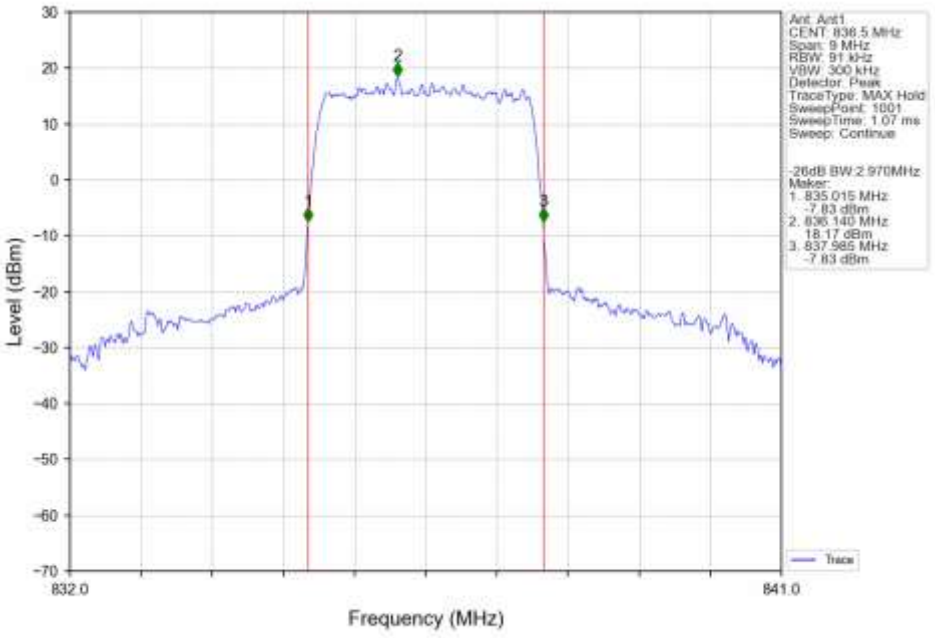
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



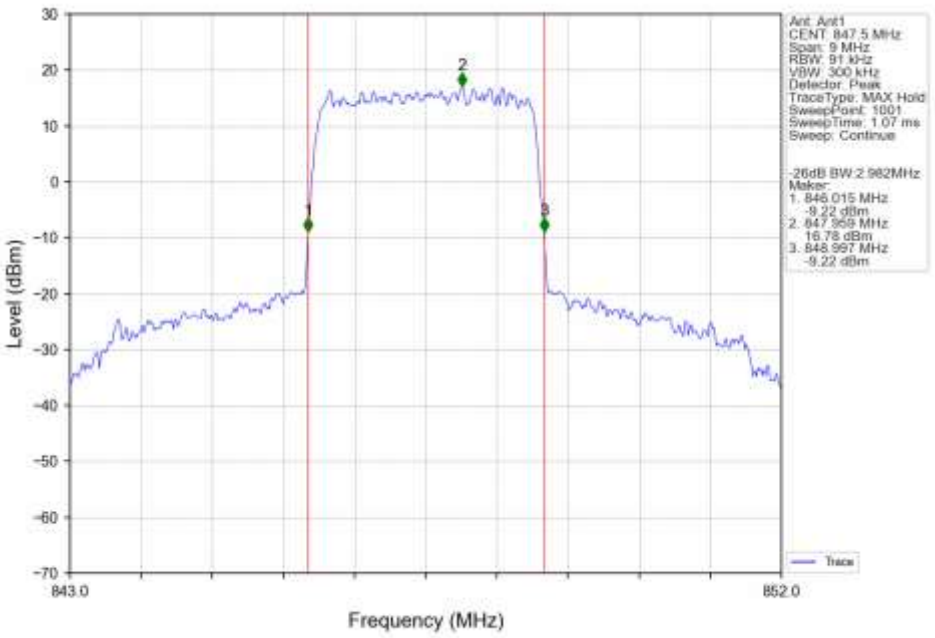
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



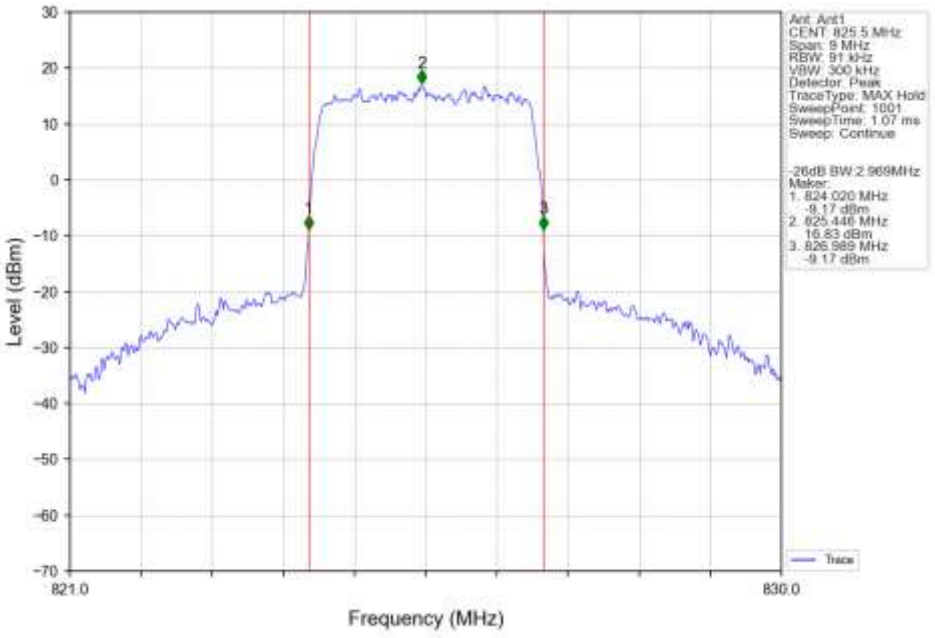
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



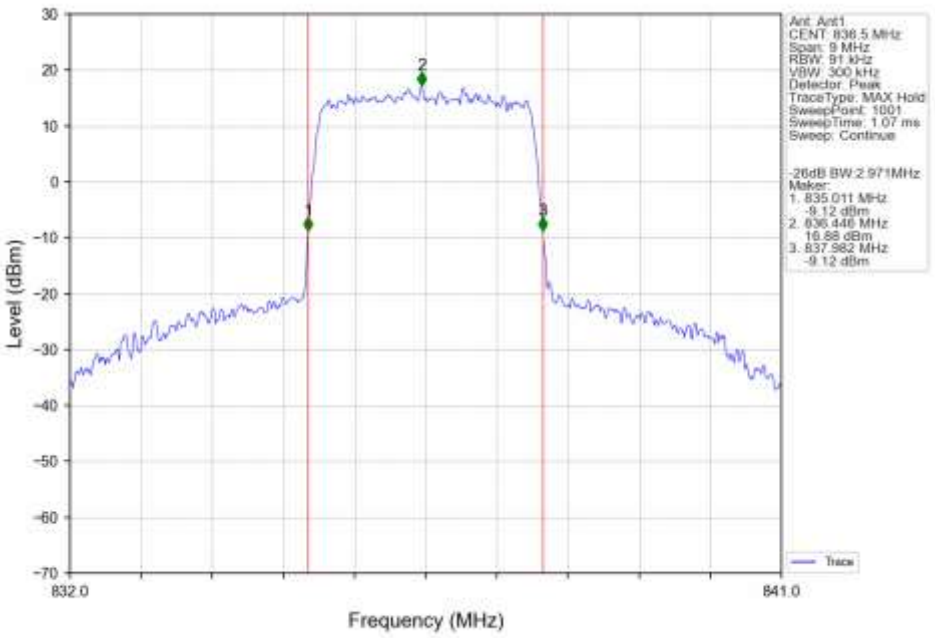
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



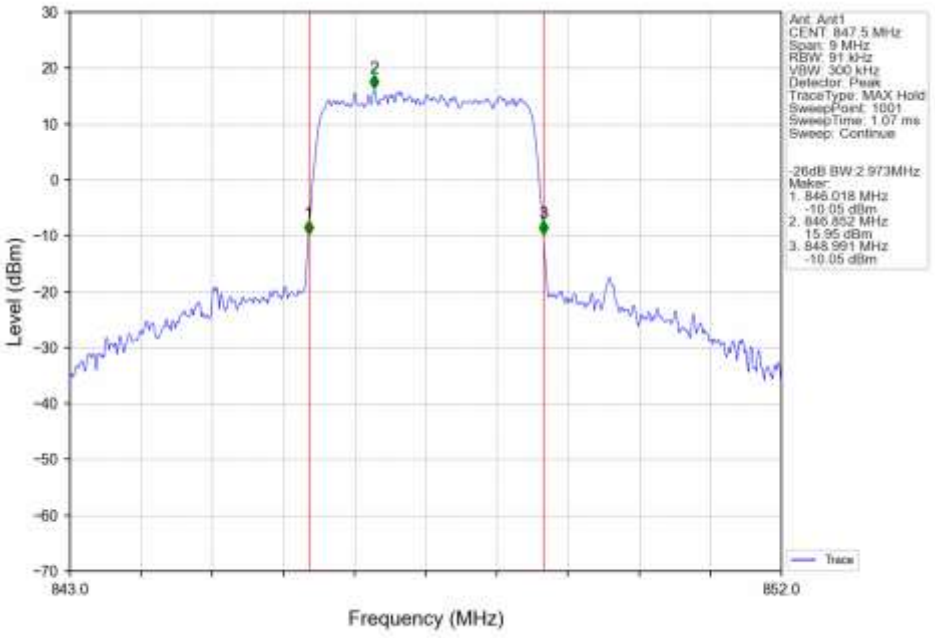
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



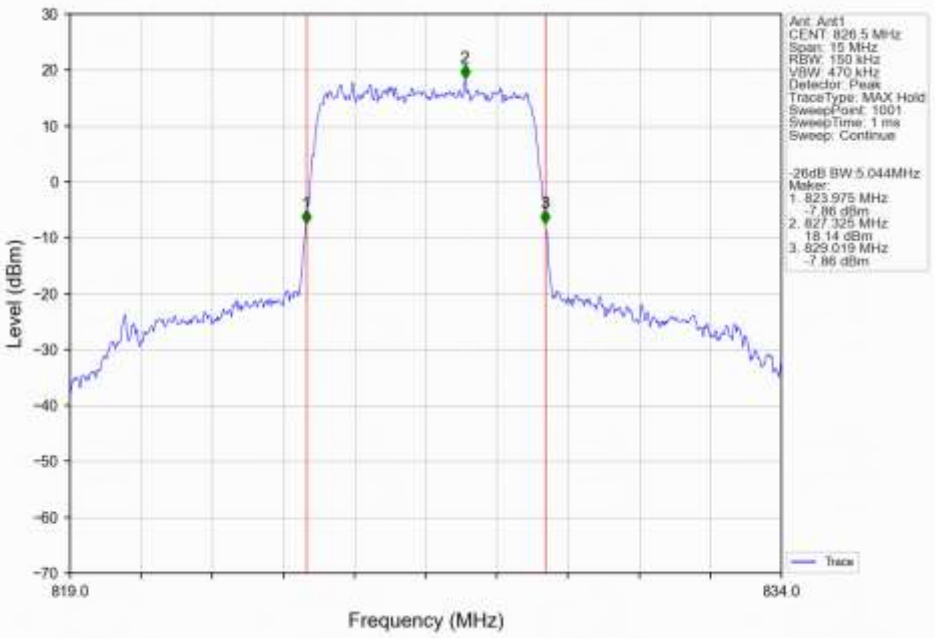
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



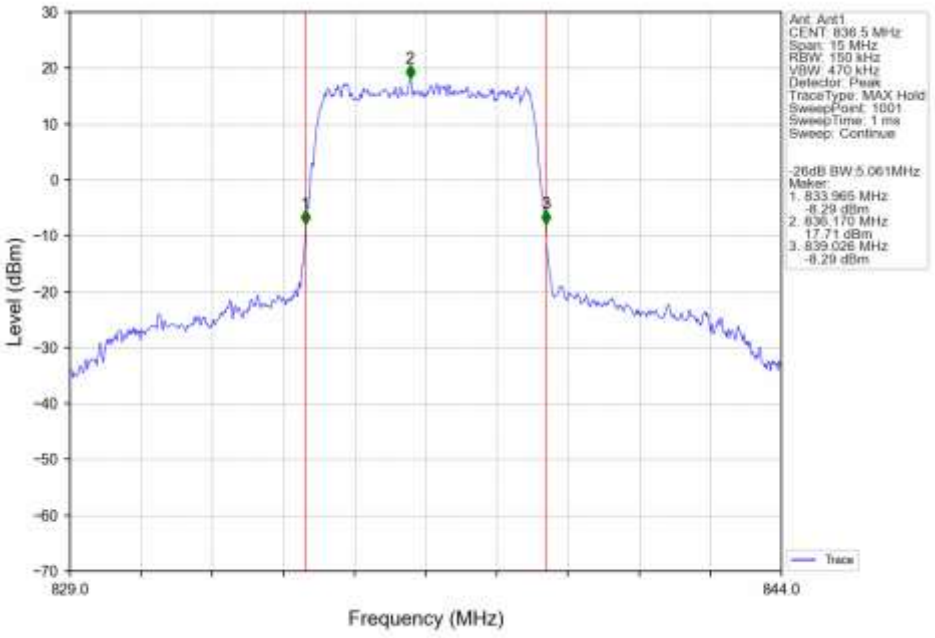
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



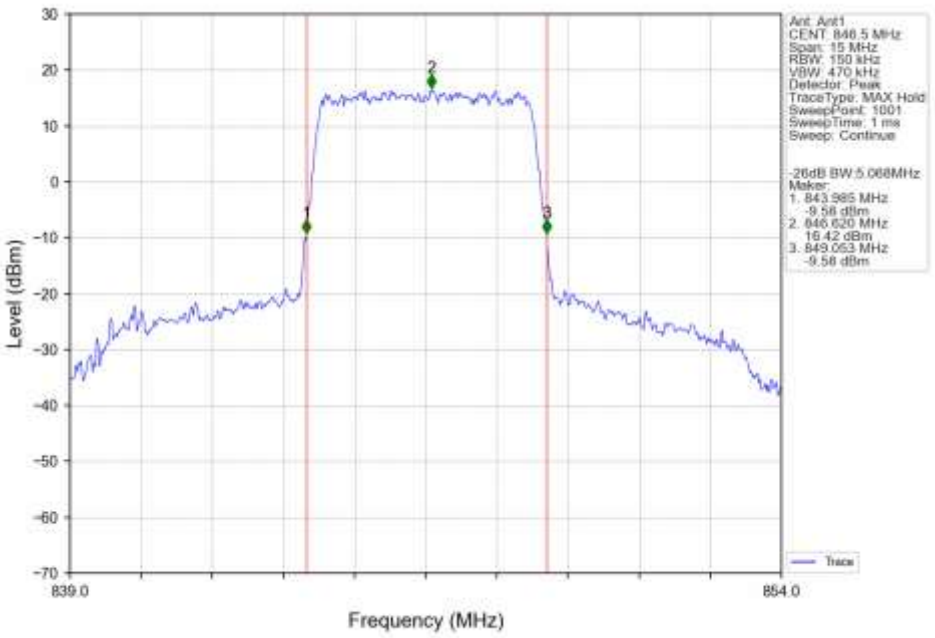
Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV



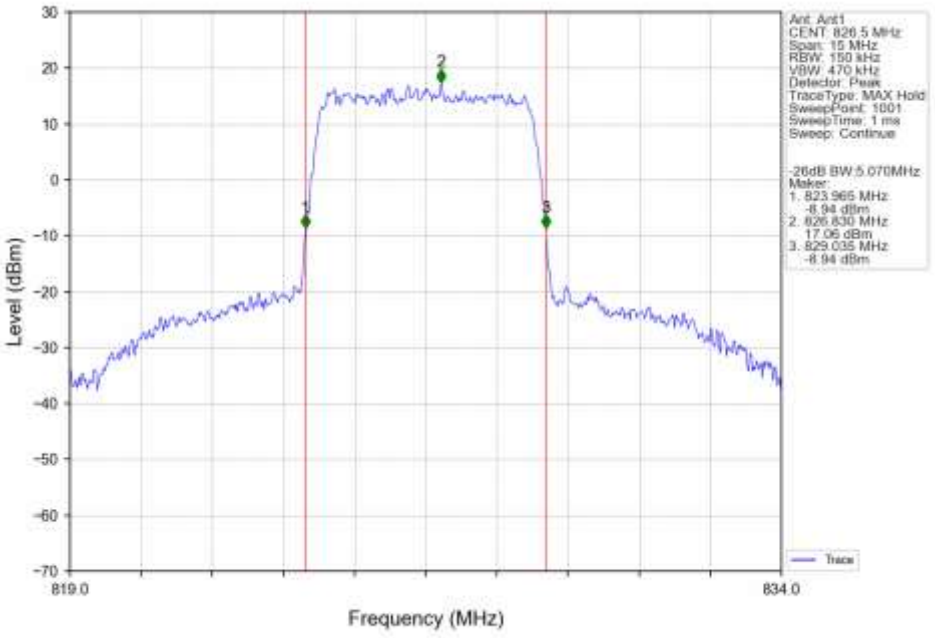
Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



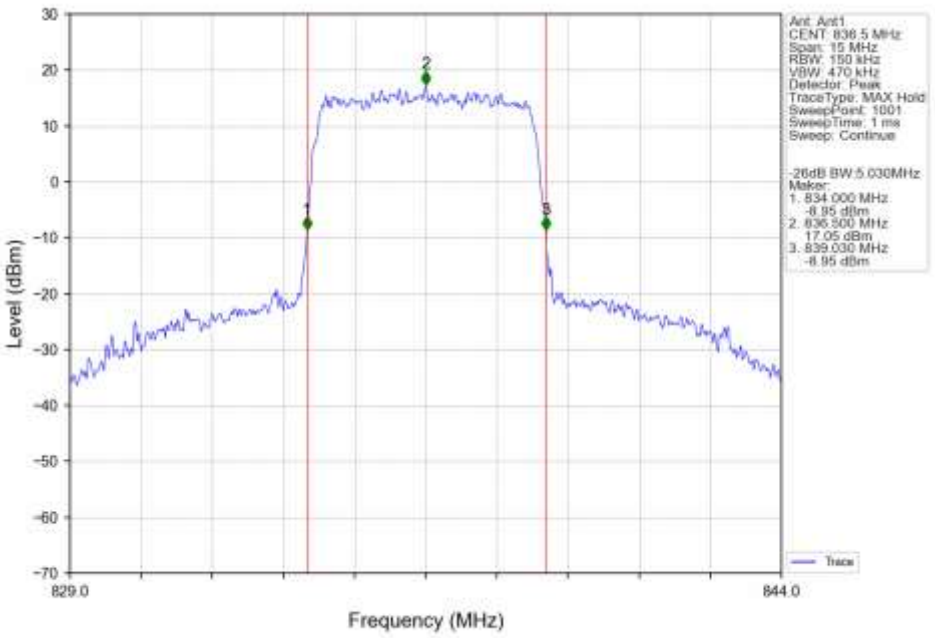
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



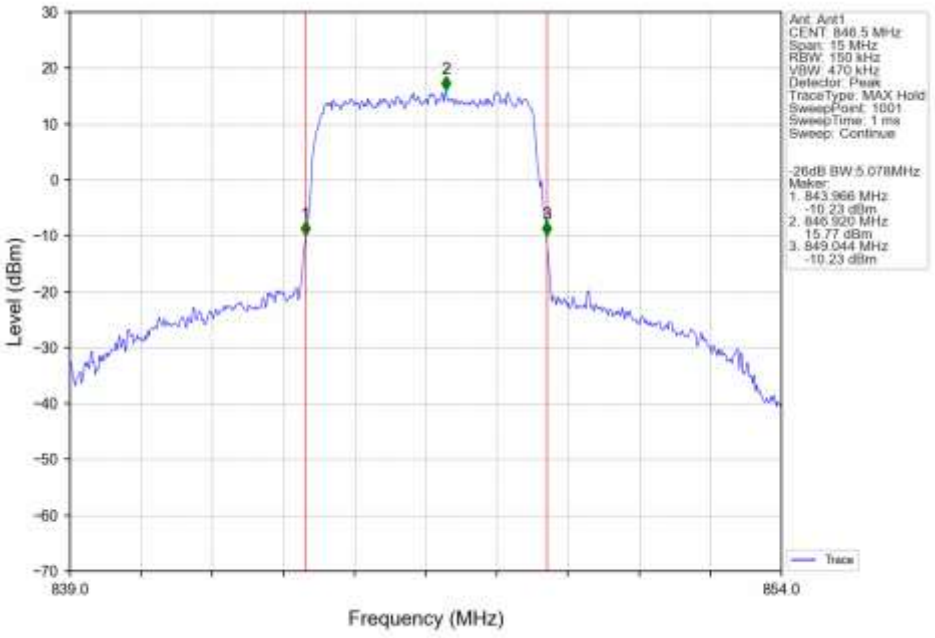
Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



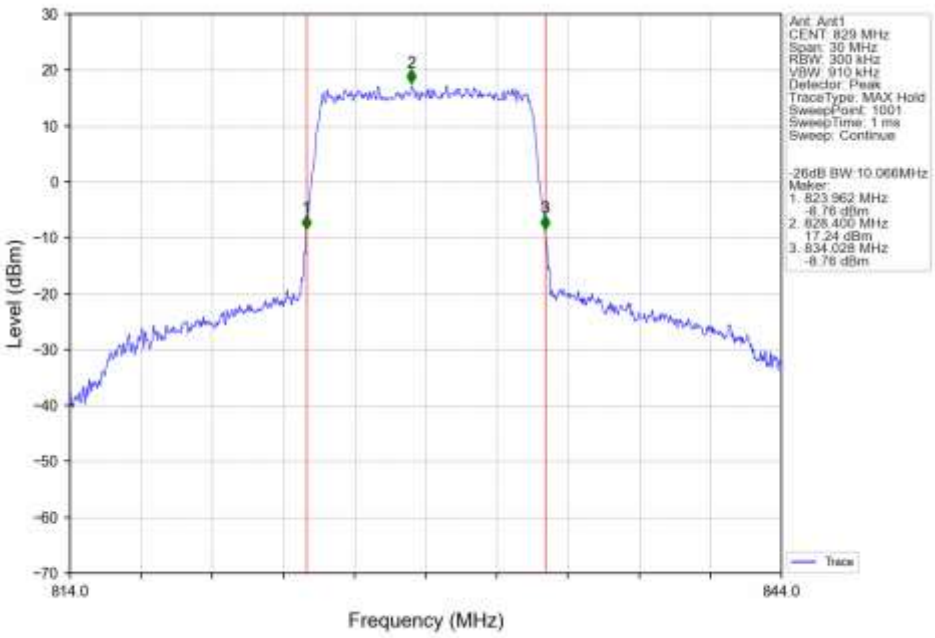
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



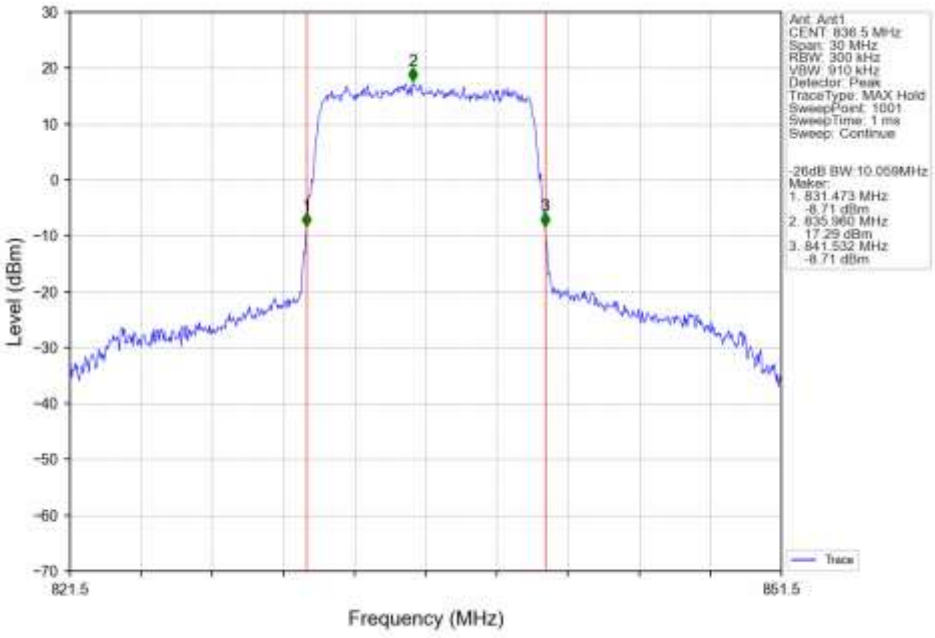
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



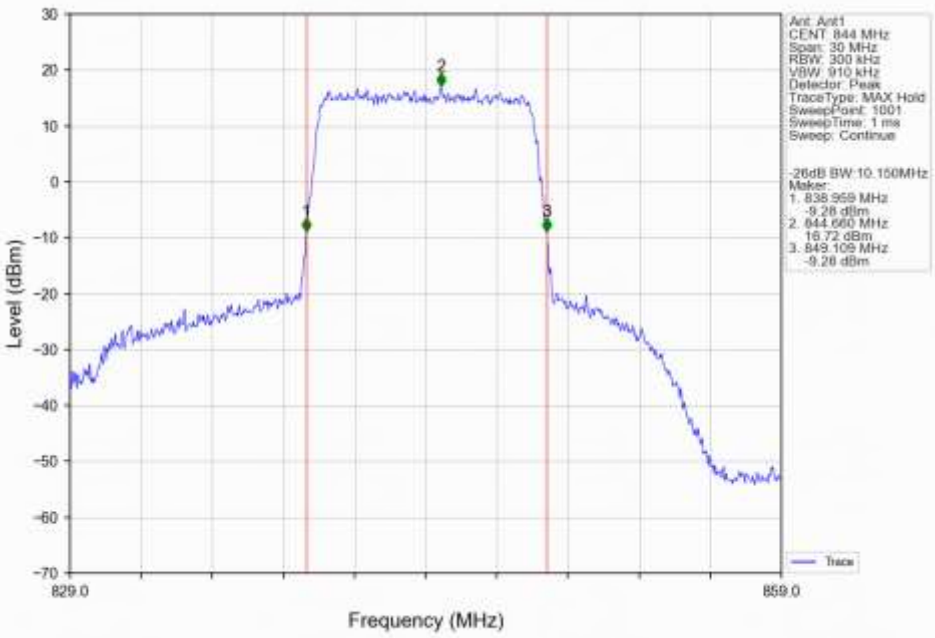
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



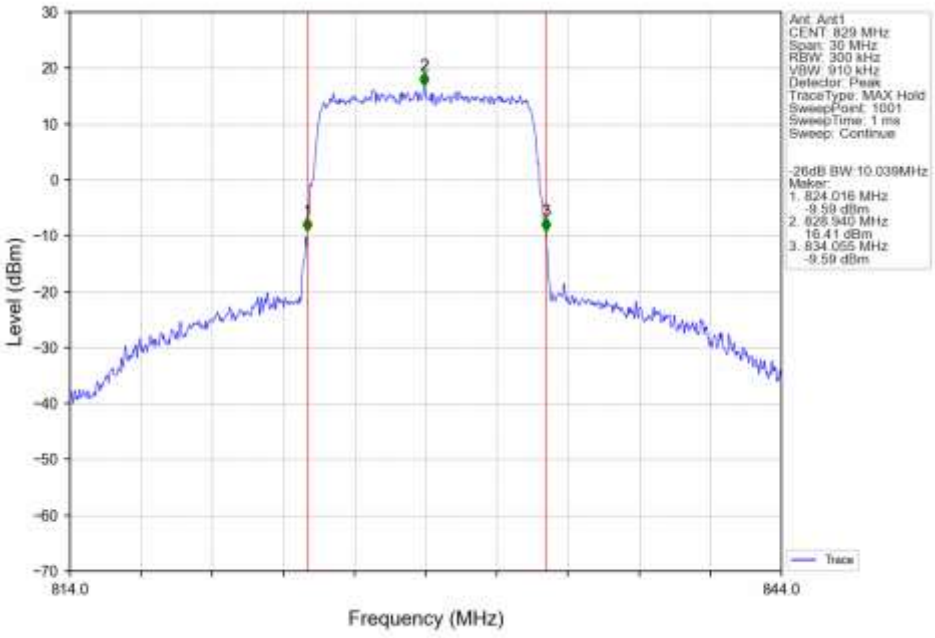
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



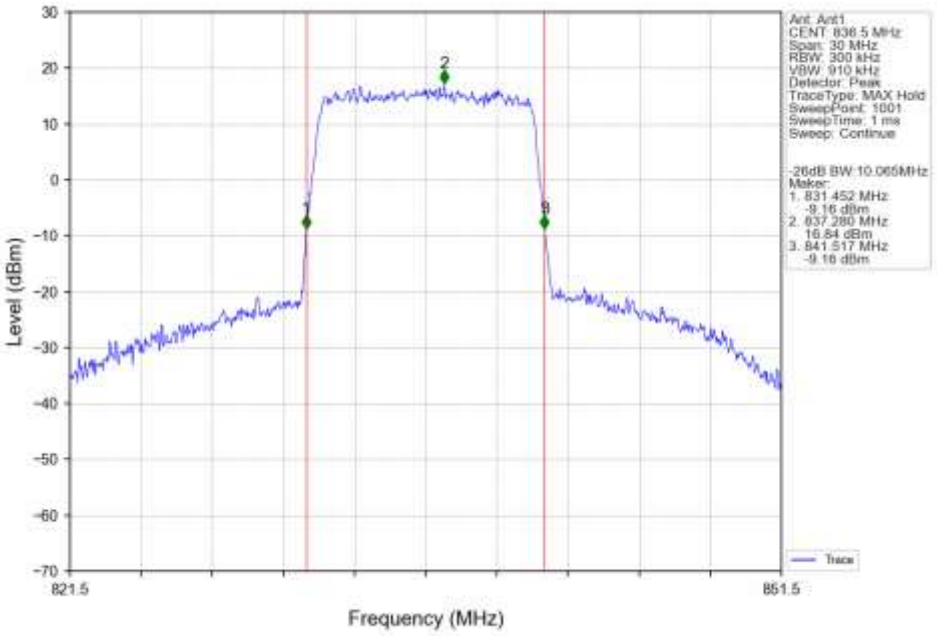
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



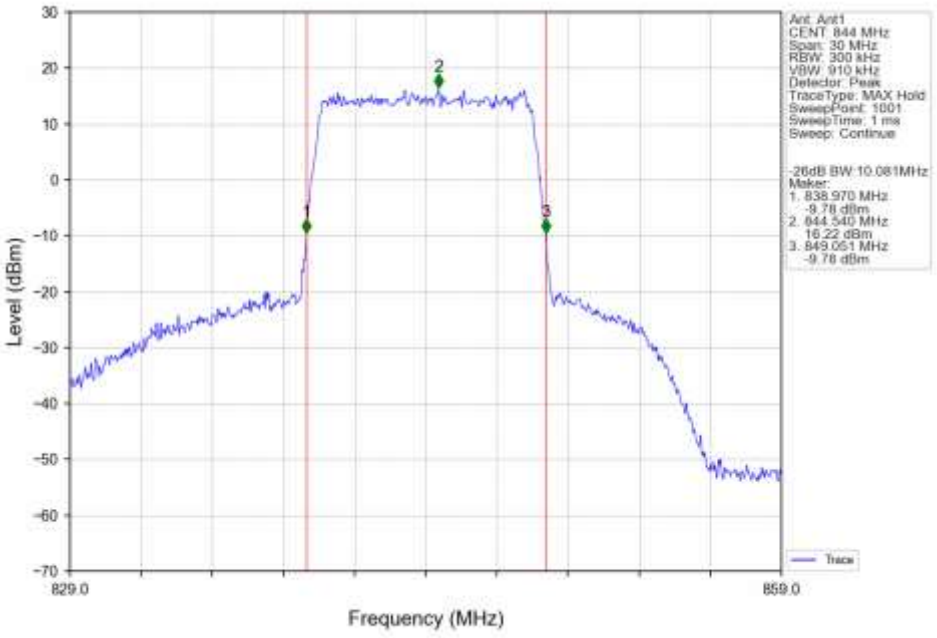
Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	5.32	<=13	Pass
	836.5	6	0	5.11	<=13	Pass
	848.3	6	0	5.29	<=13	Pass
16QAM	824.7	6	0	6.06	<=13	Pass
	836.5	6	0	6.07	<=13	Pass
	848.3	6	0	6.08	<=13	Pass

5.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	5.38	<=13	Pass
	836.5	15	0	5.17	<=13	Pass
	847.5	15	0	5.50	<=13	Pass
16QAM	825.5	15	0	6.18	<=13	Pass
	836.5	15	0	6.04	<=13	Pass
	847.5	15	0	6.29	<=13	Pass

5.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	5.55	<=13	Pass
	836.5	25	0	5.42	<=13	Pass
	846.5	25	0	5.56	<=13	Pass
16QAM	826.5	25	0	6.27	<=13	Pass
	836.5	25	0	6.11	<=13	Pass
	846.5	25	0	6.34	<=13	Pass

5.1.4 B5_10MHz

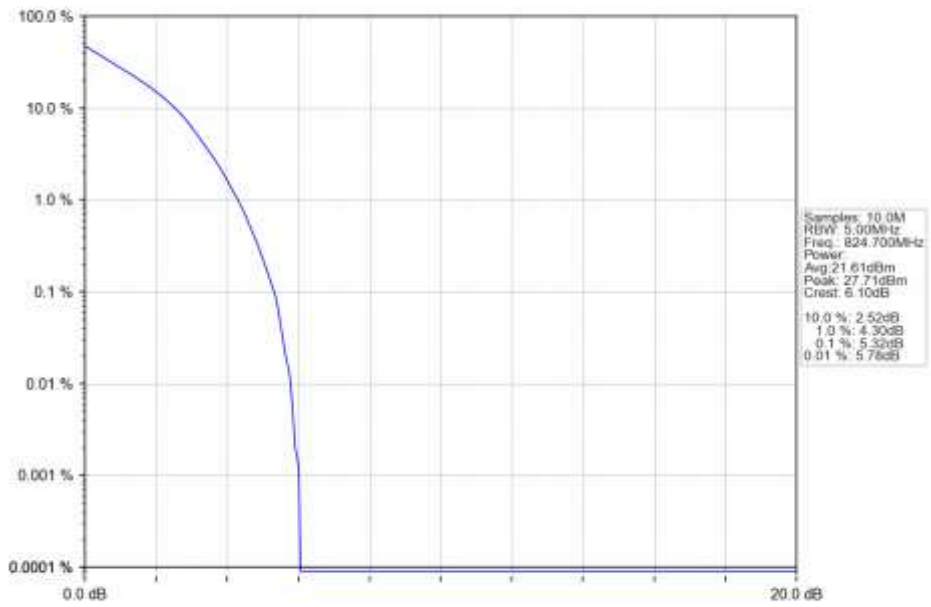
Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	5.48	<=13	Pass
	836.5	50	0	5.39	<=13	Pass
	844	50	0	5.57	<=13	Pass
16QAM	829	50	0	6.27	<=13	Pass
	836.5	50	0	6.19	<=13	Pass

	844	50	0	6.28	<=13	Pass

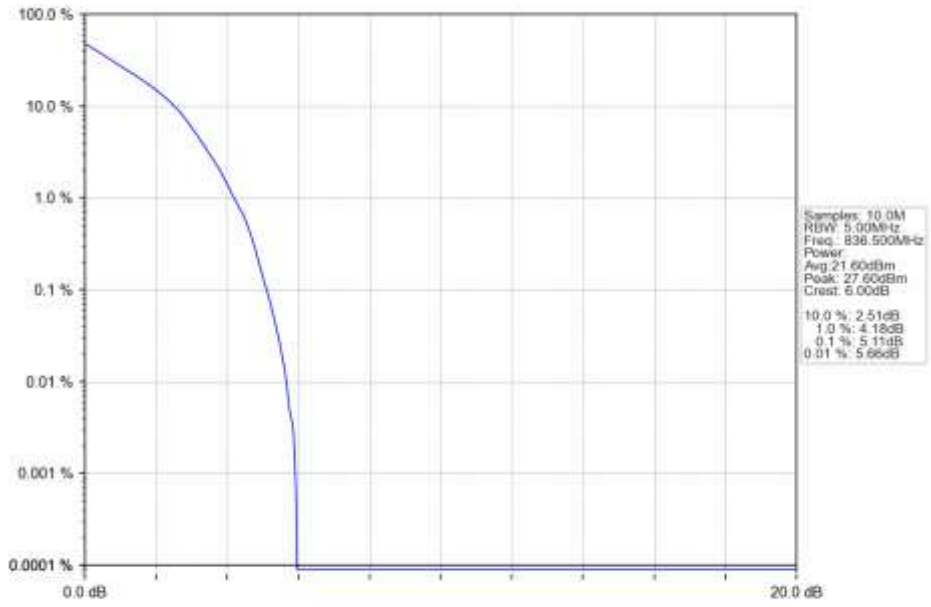
5.2 Test Graph

5.2.1 B5_1.4MHz

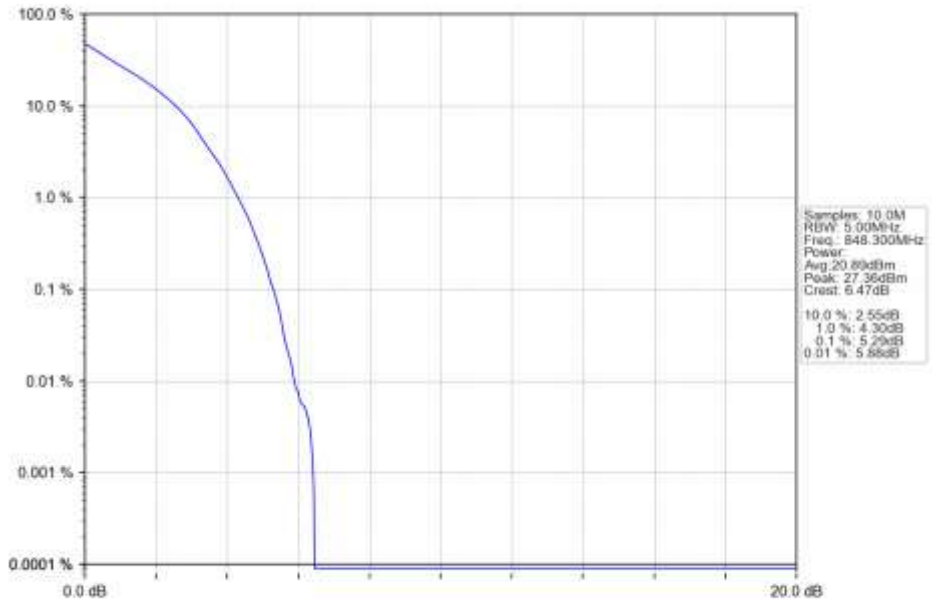
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



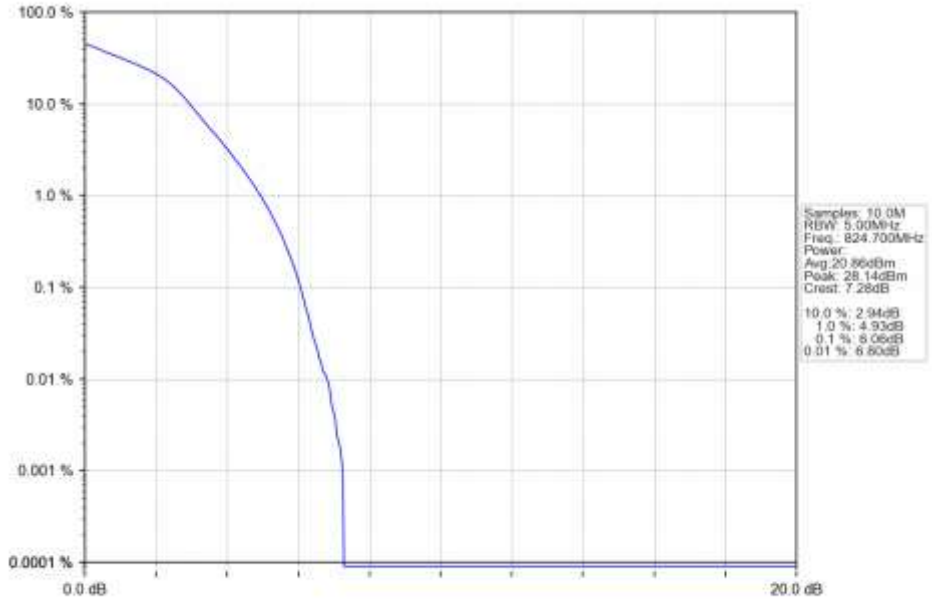
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



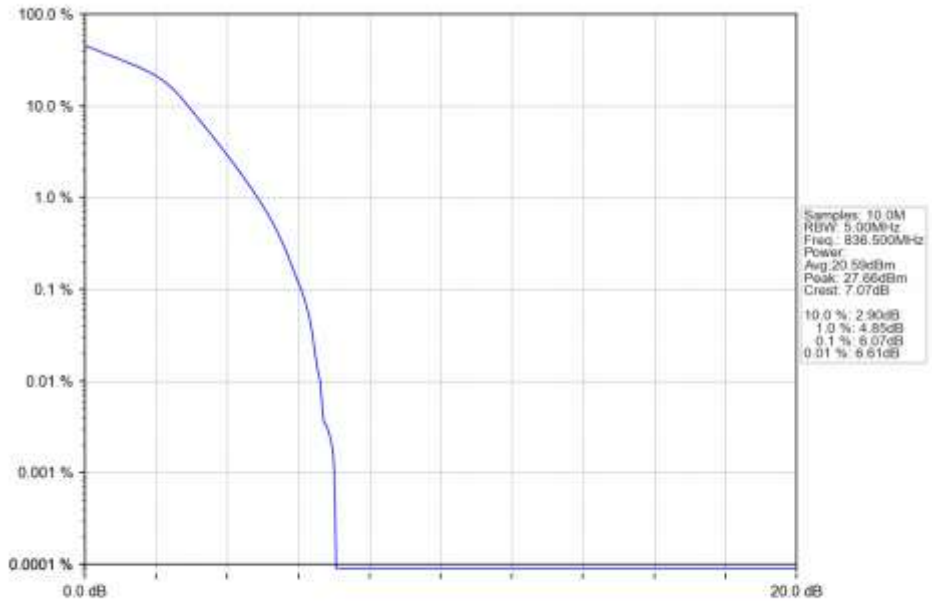
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



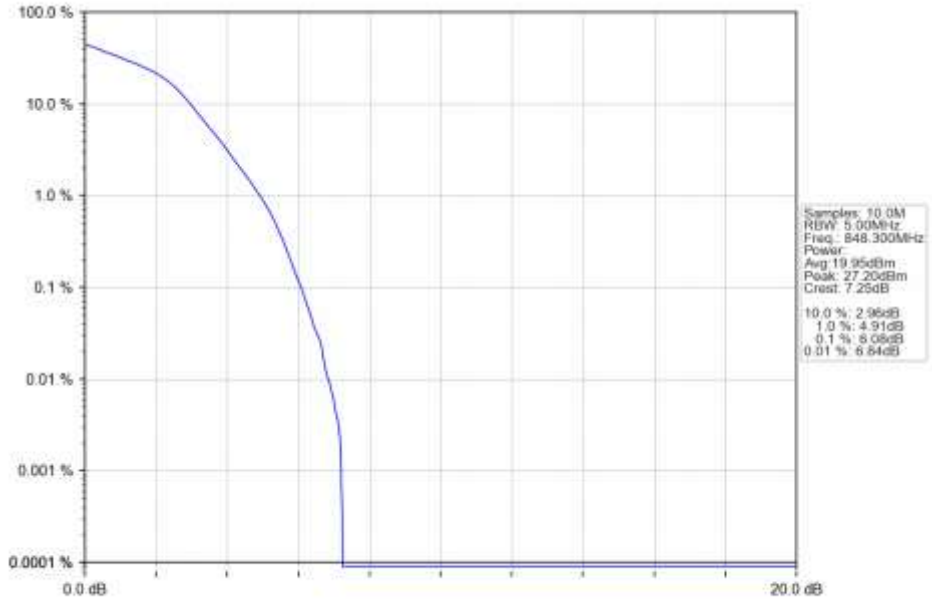
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

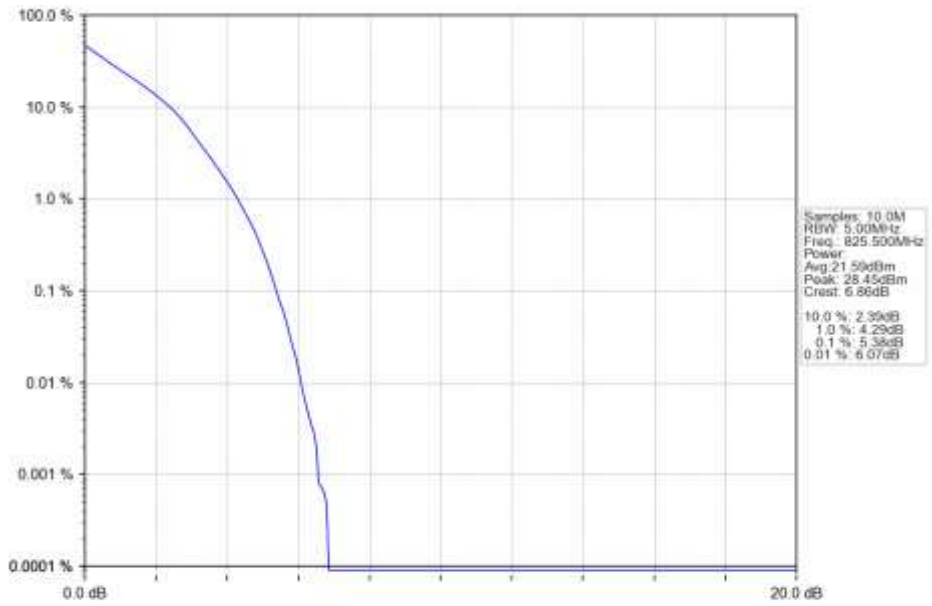


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

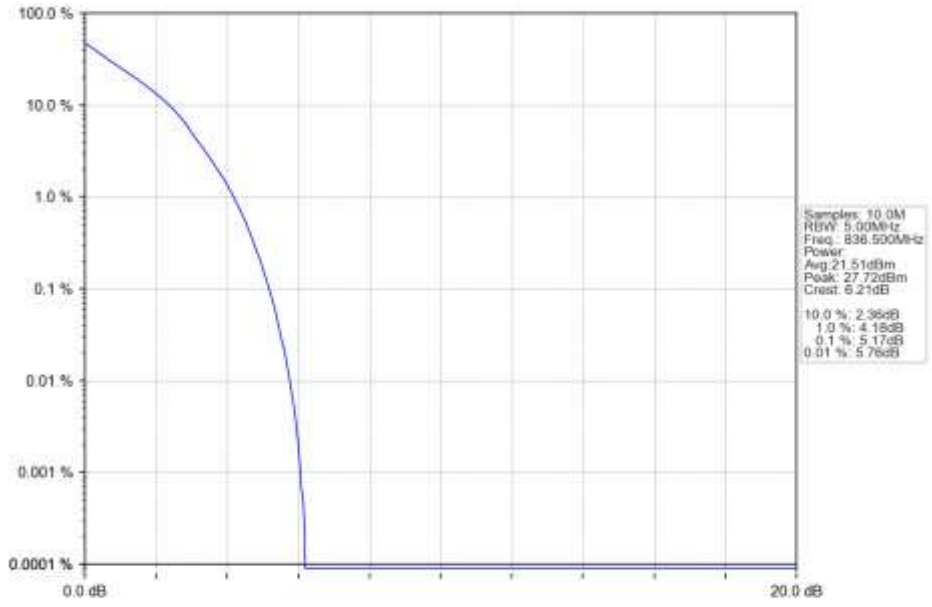


5.2.2 B5_3MHz

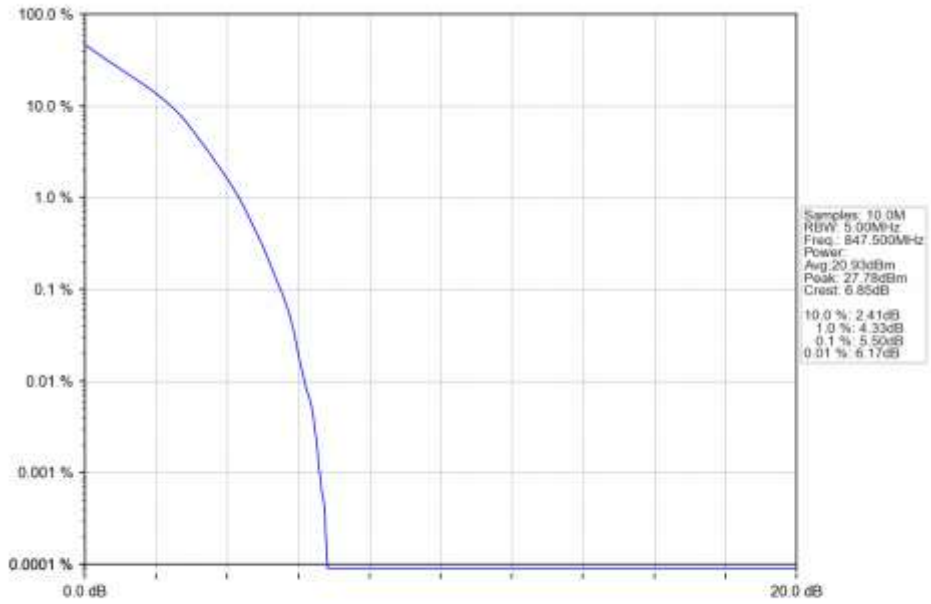
Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV



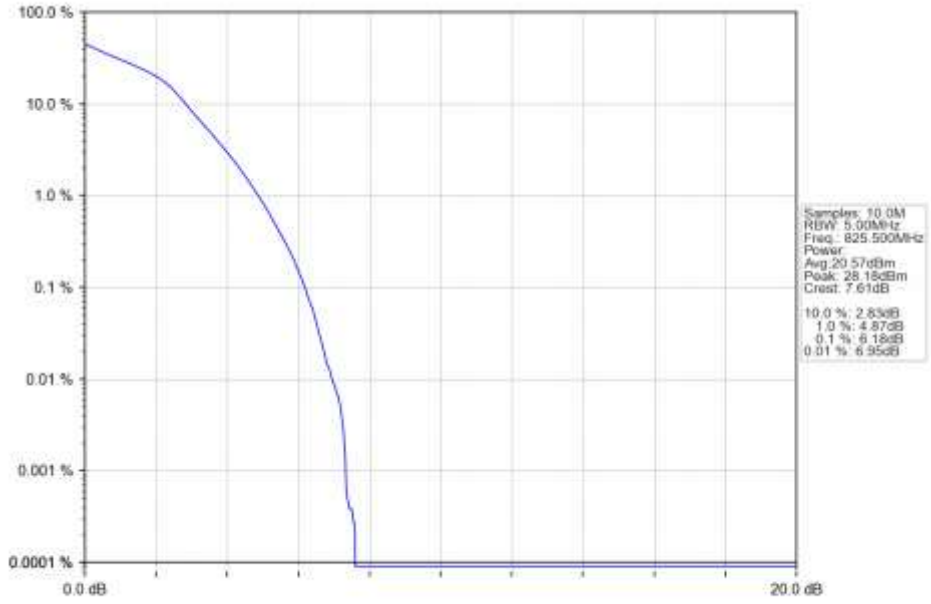
Band5_3MHz_QPSK_MCH_836.5MHz_RB_15_0_NTNV



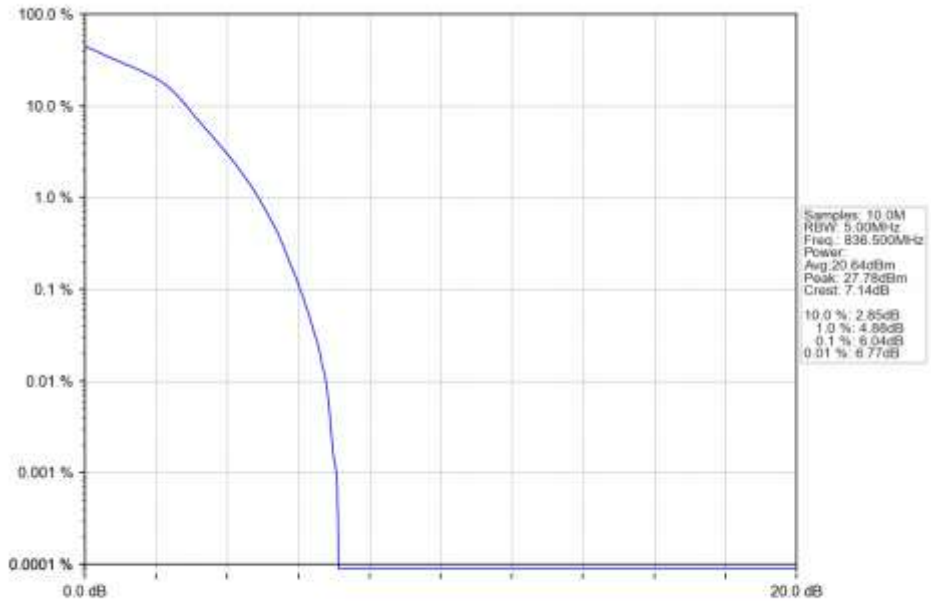
Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



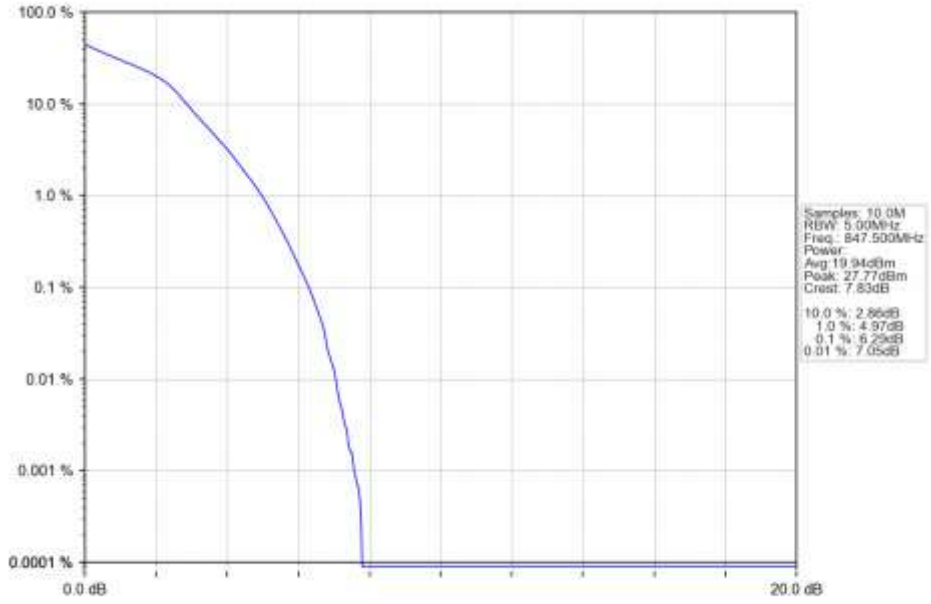
Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV



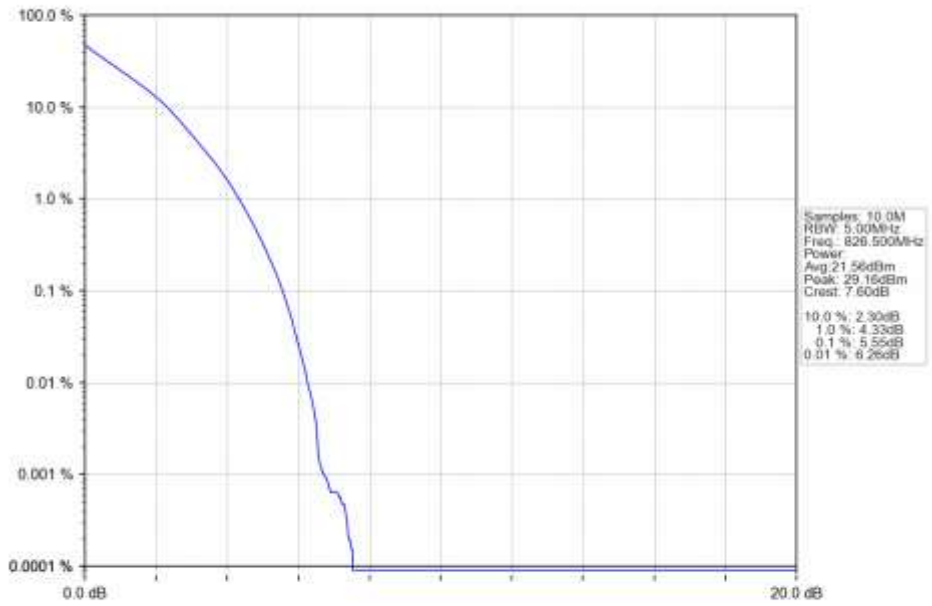
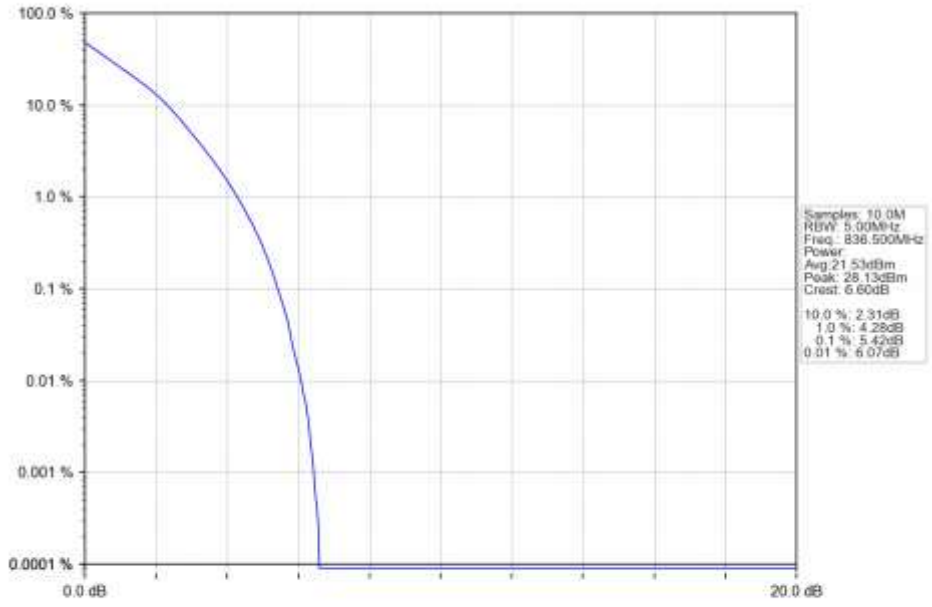
Band5_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV



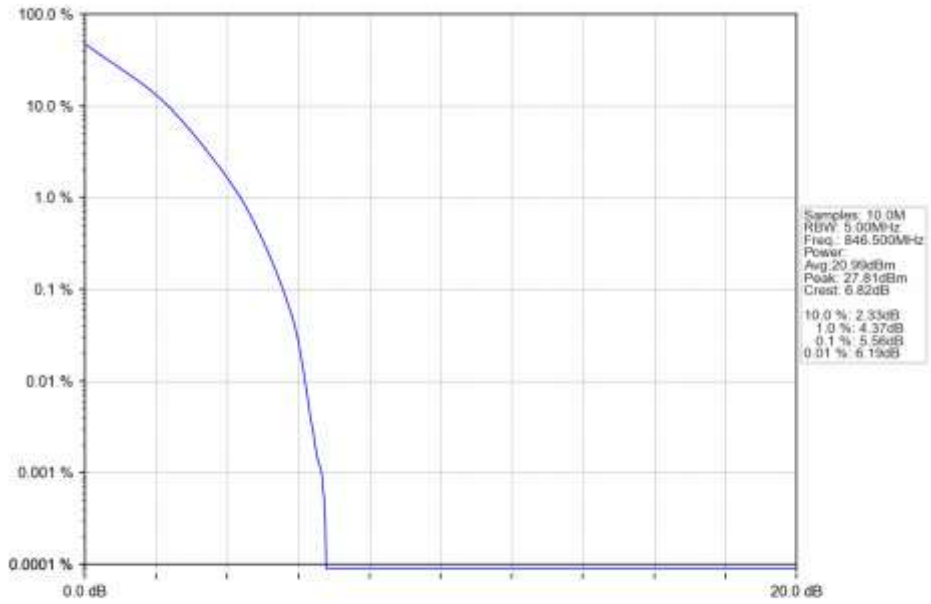
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



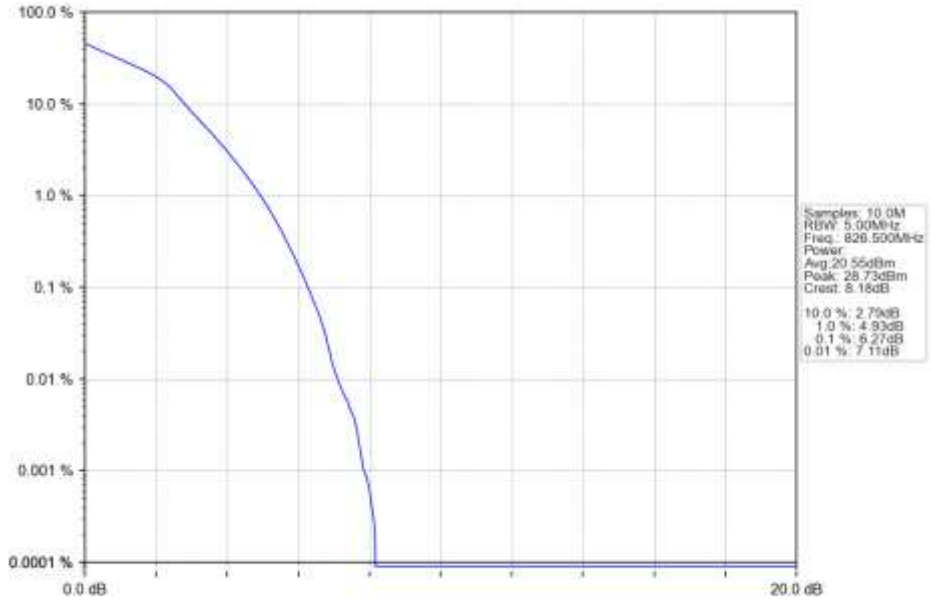
5.2.3 B5_5MHz

Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

Band5_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV


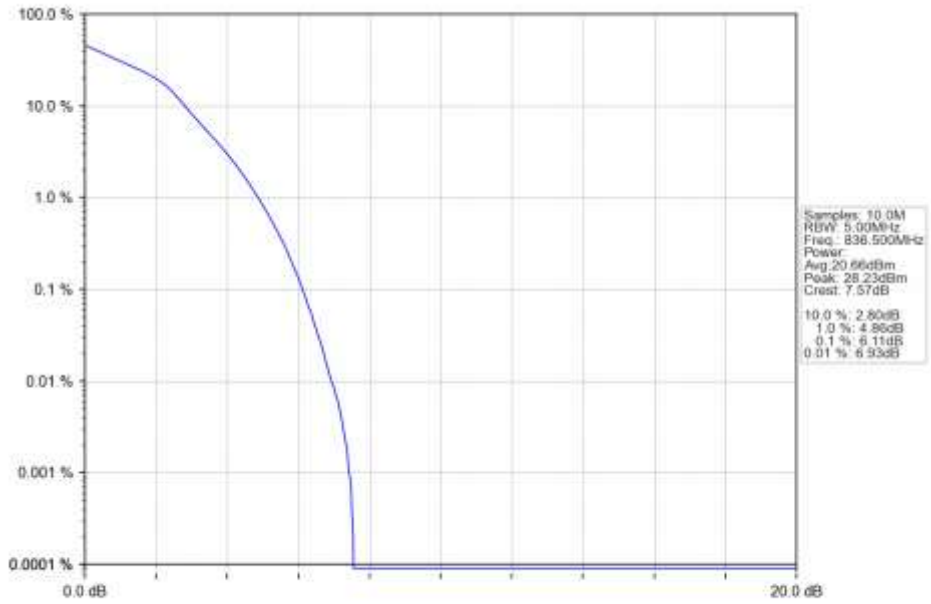
Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



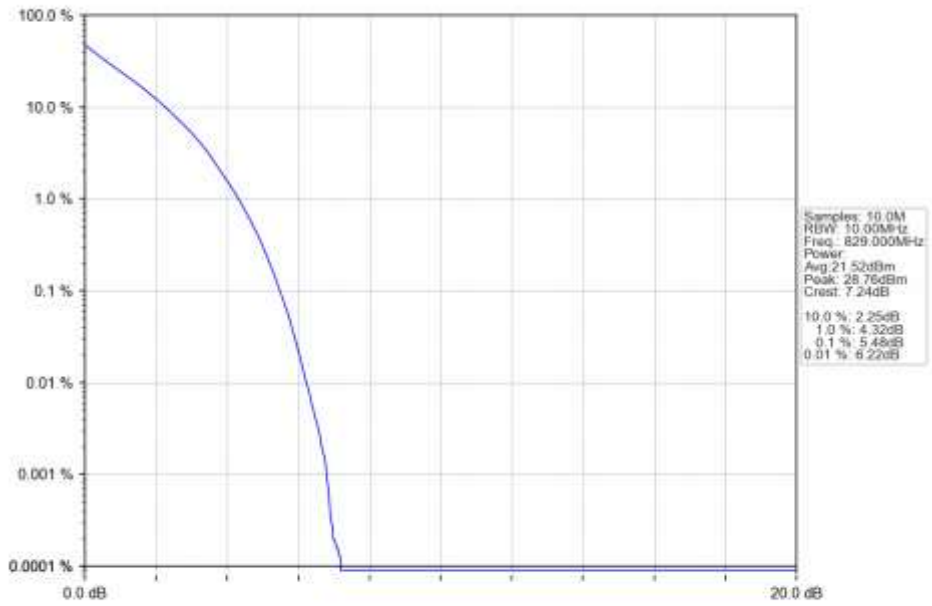
Band5_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



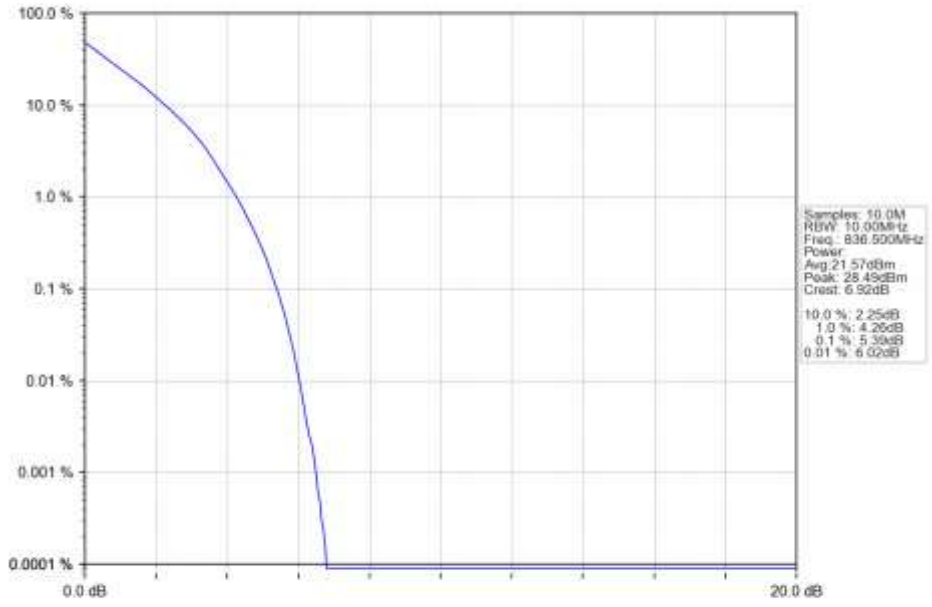
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

5.2.4 B5_10MHz

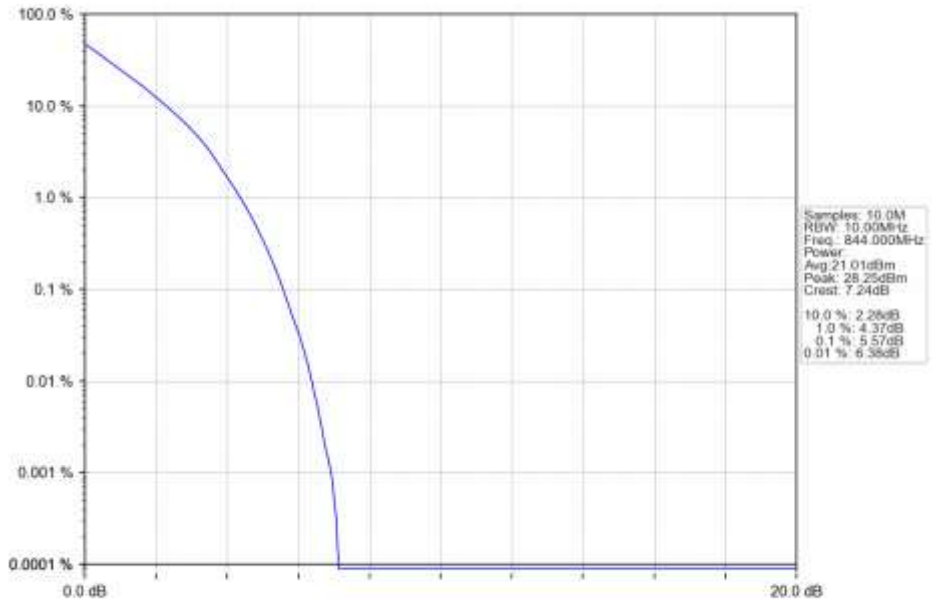
Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



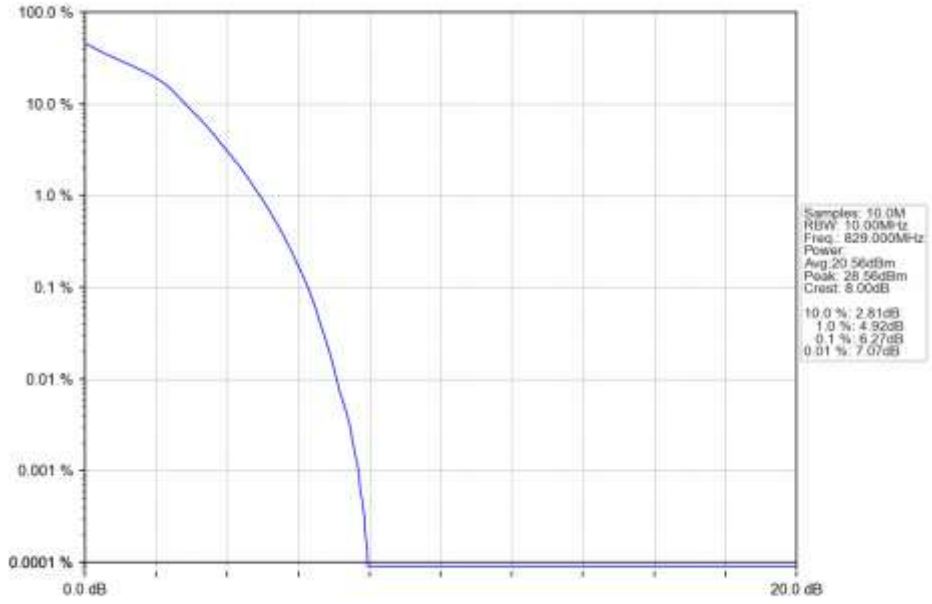
Band5_10MHz_QPSK_MCH_836.5MHz_RB_50_0_NTNV



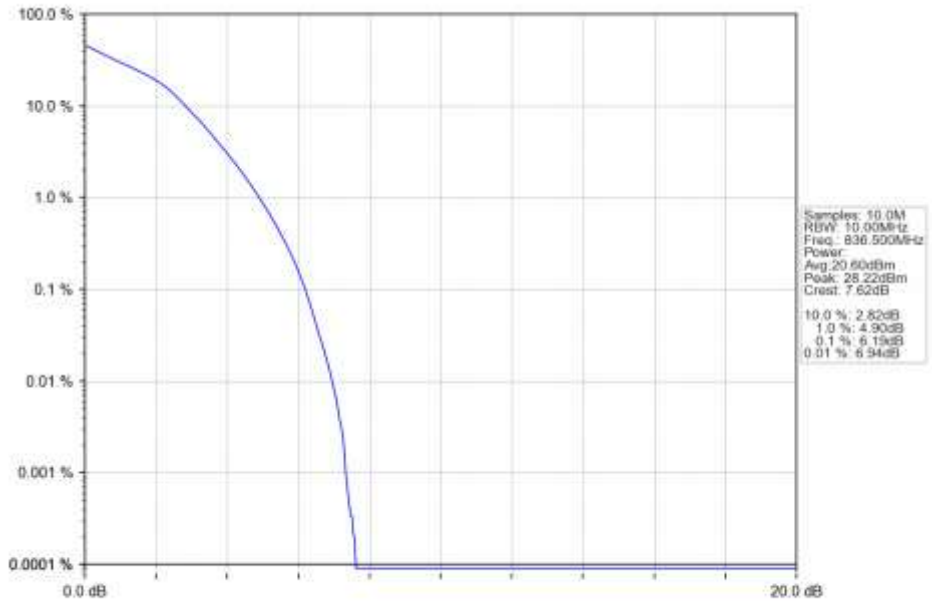
Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV

6. Spurious Emission

6.1 Test Result

6.1.1 B5_1.4MHz

Band: 5 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

6.1.2 B5_3MHz

Band: 5 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 B5_5MHz

Band: 5 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass

		25	0	Refer To Test Graph	Pass
	836.5	1	0	Refer To Test Graph	Pass
	846.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

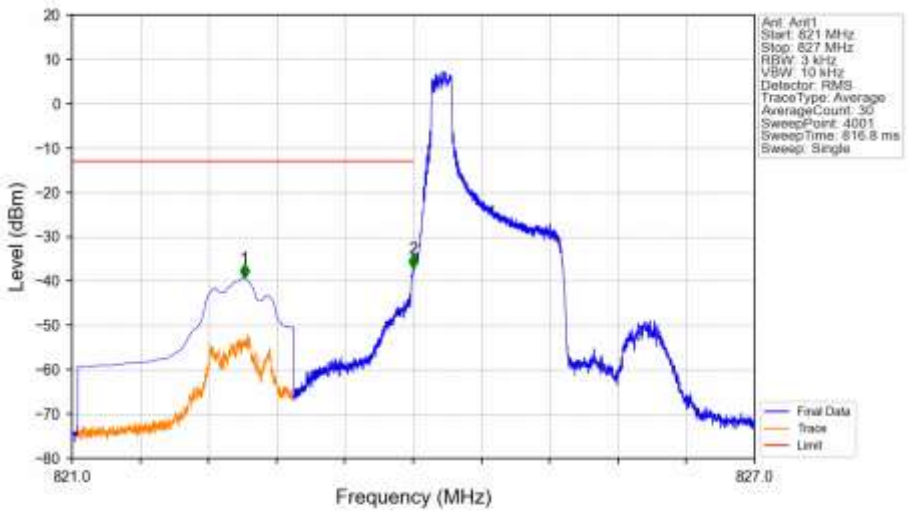
6.1.4 B5_10MHz

Band: 5 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.2 Test Graph

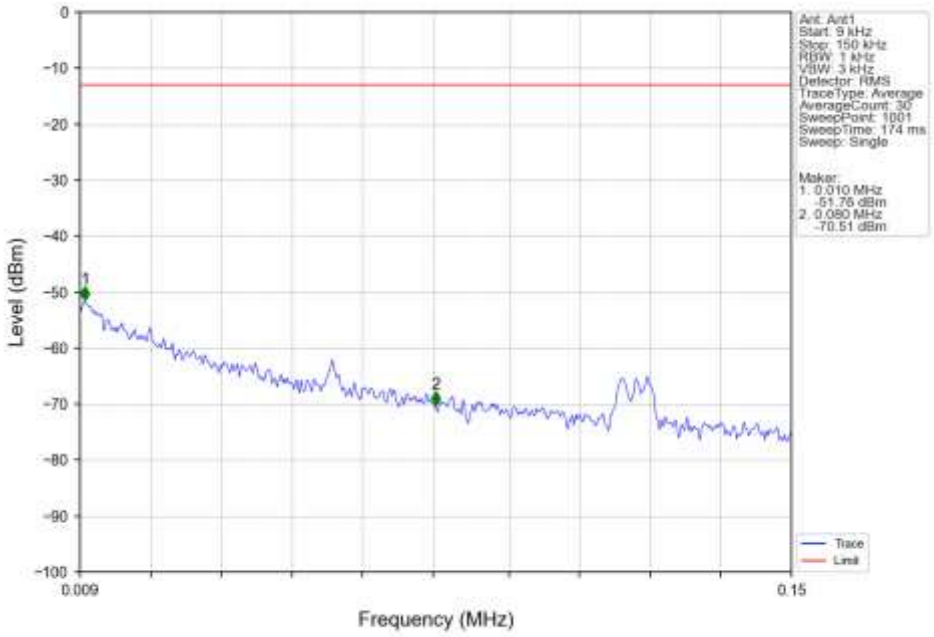
6.2.1 B5_1.4MHz

Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

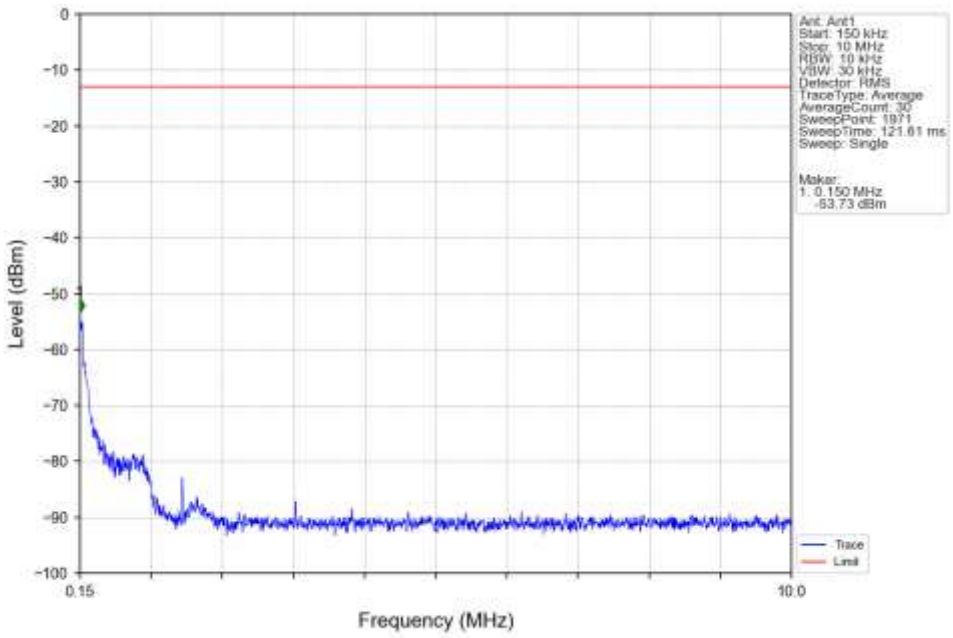


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.516	-39.31	-13	Pass
823	824	0.003	/	2	823.999	-37.12	-13	Pass
824	827	0.003	/	/	/	/	/	/

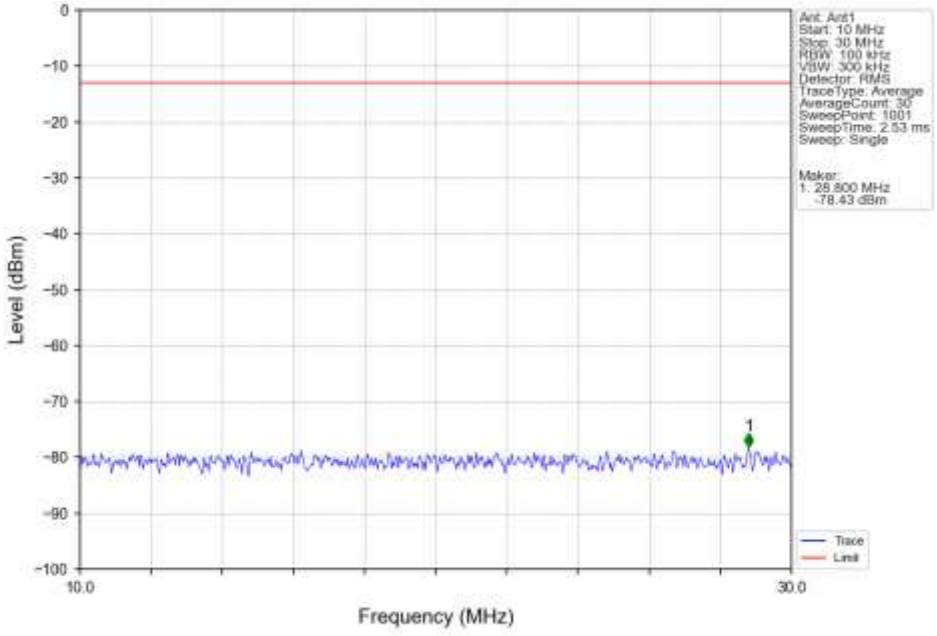
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



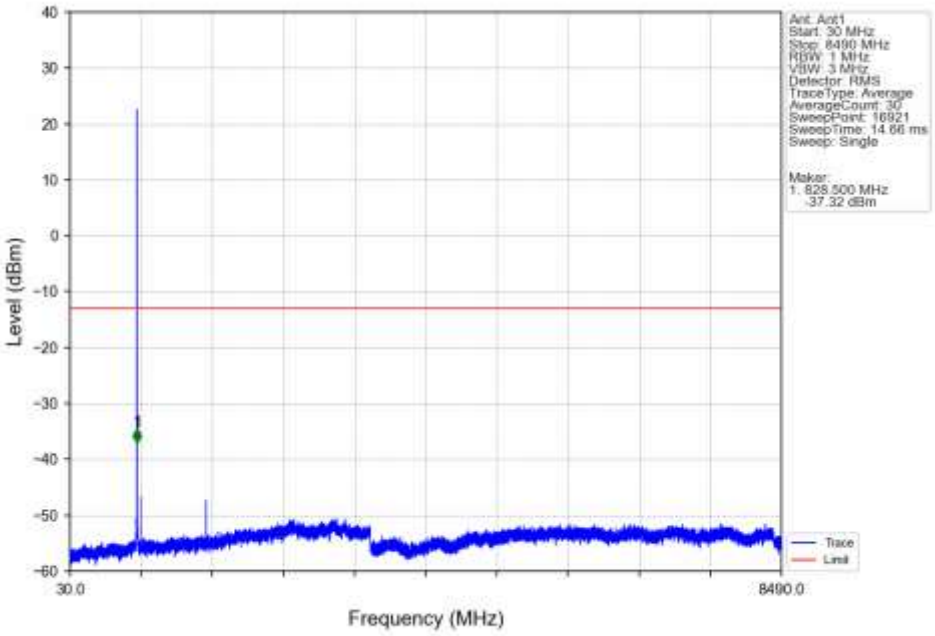
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



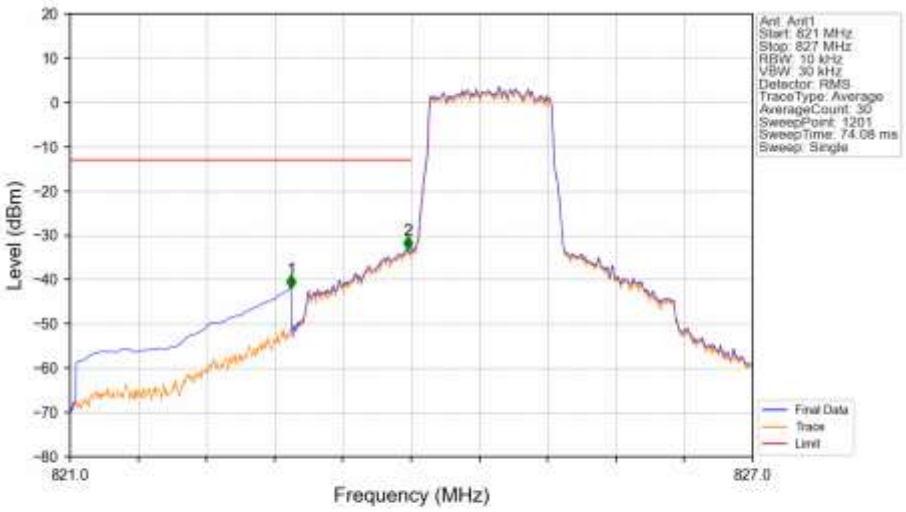
Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_1_0_NTNV

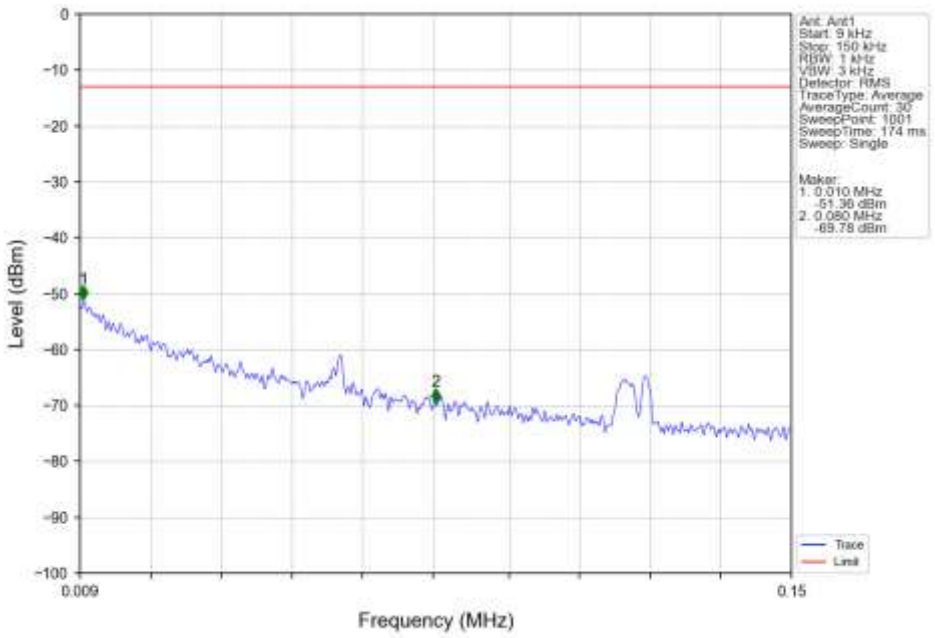


Band5_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV

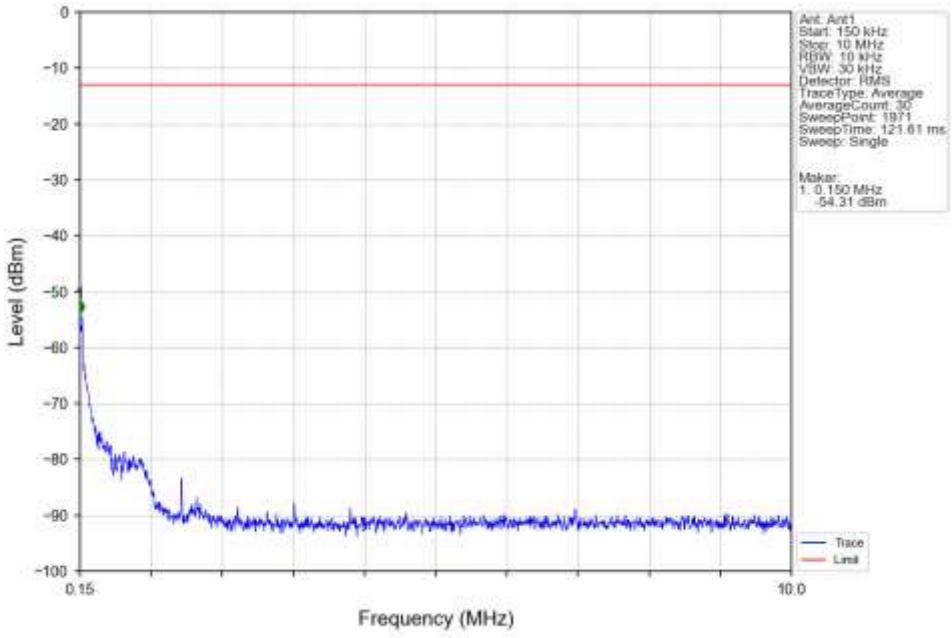


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-42.05	-13	Pass
823	824	0.013	CHP	2	823.975	-33.23	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

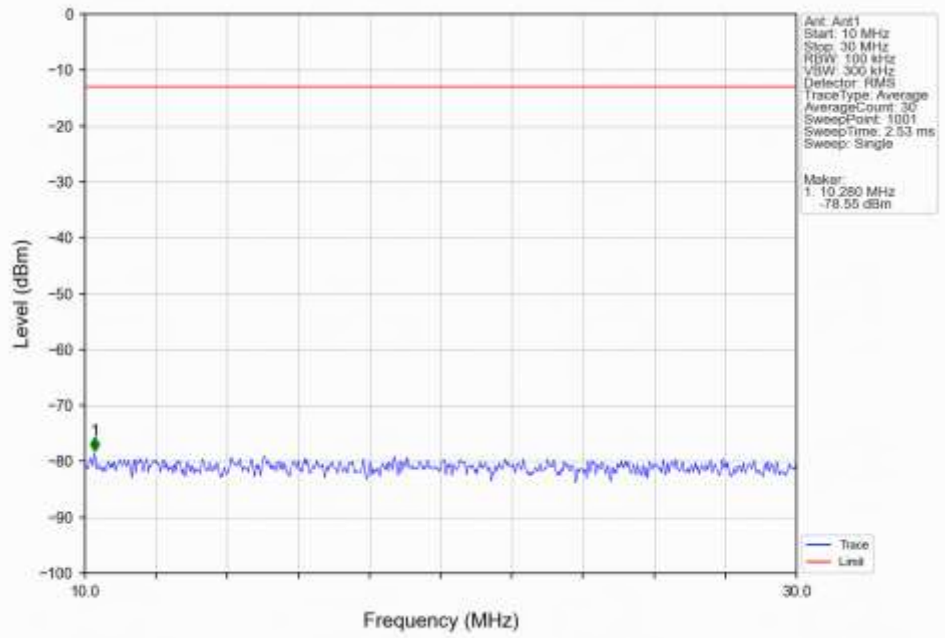
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



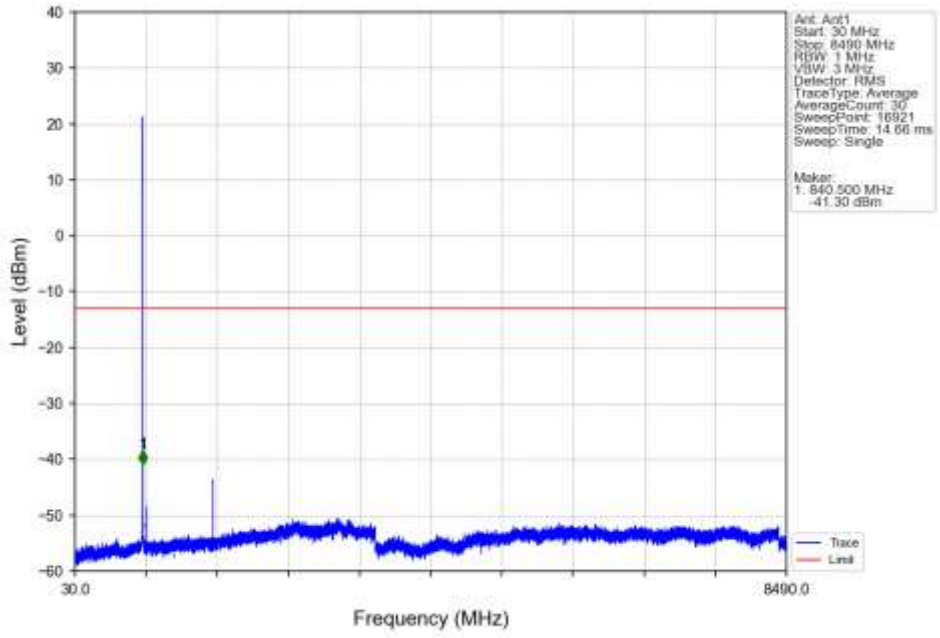
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



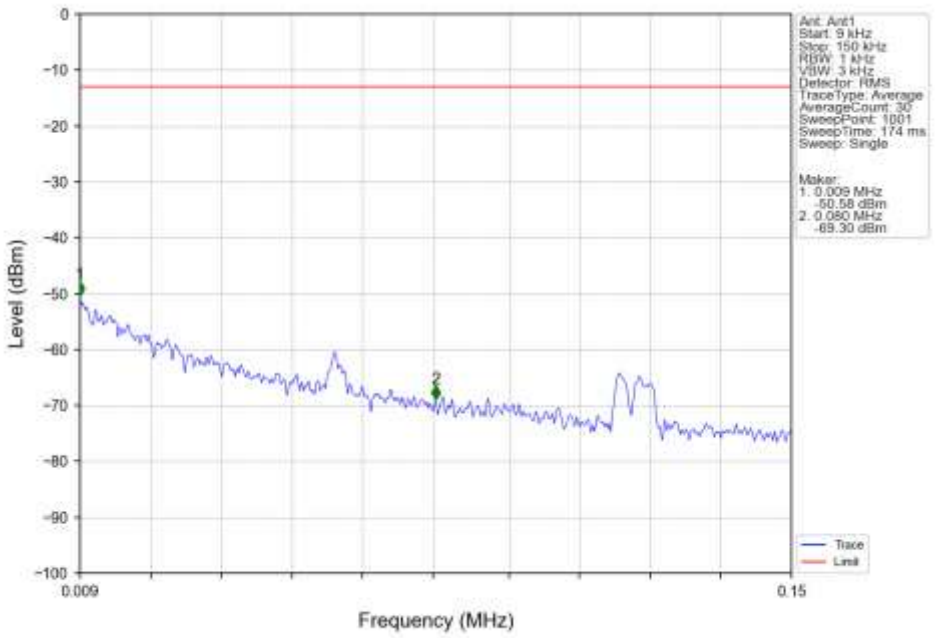
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



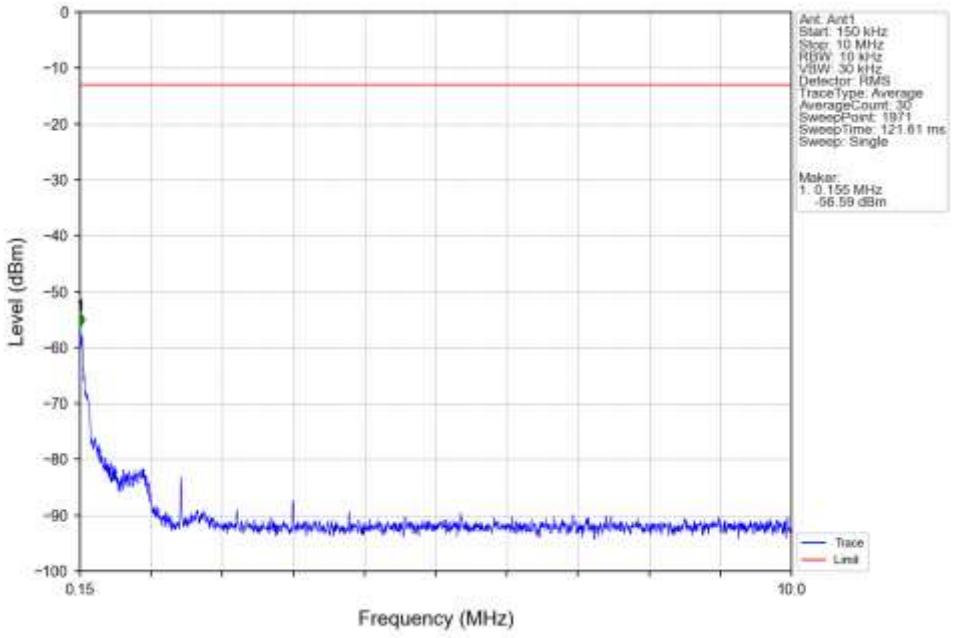
Band5_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



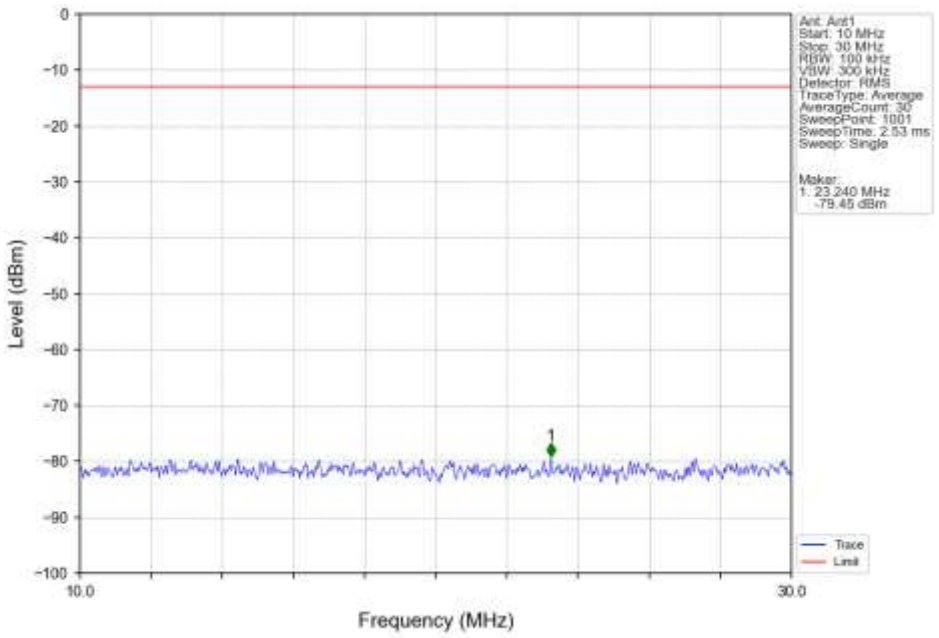
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



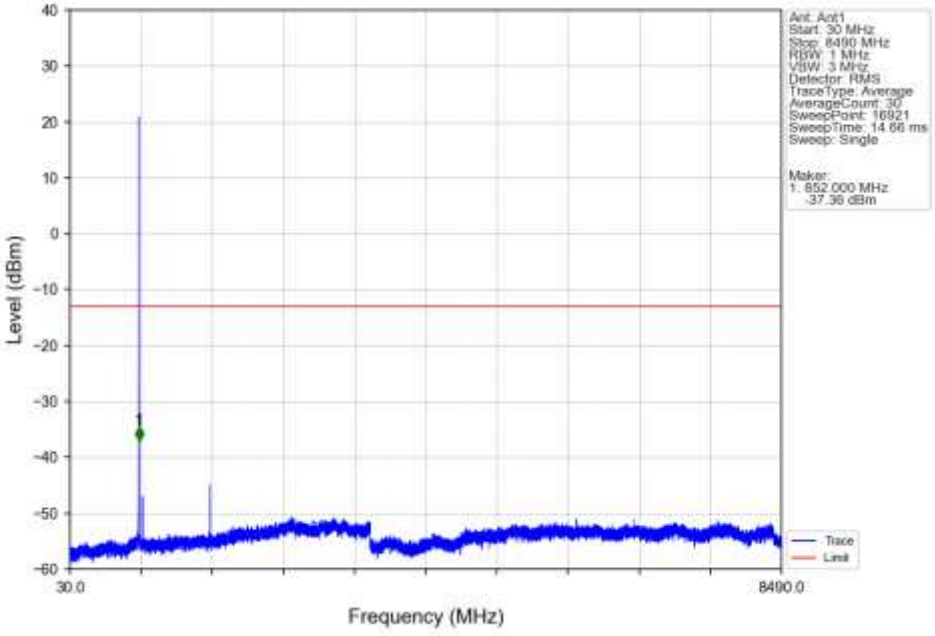
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



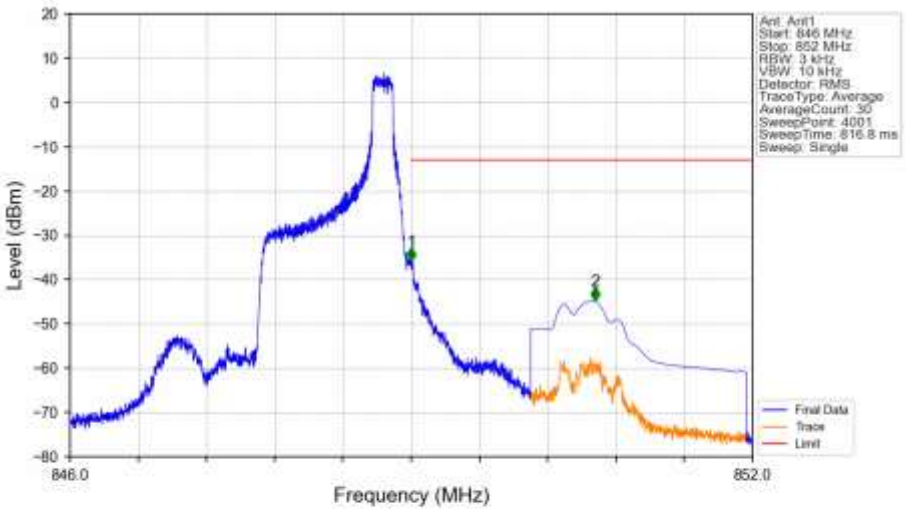
Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

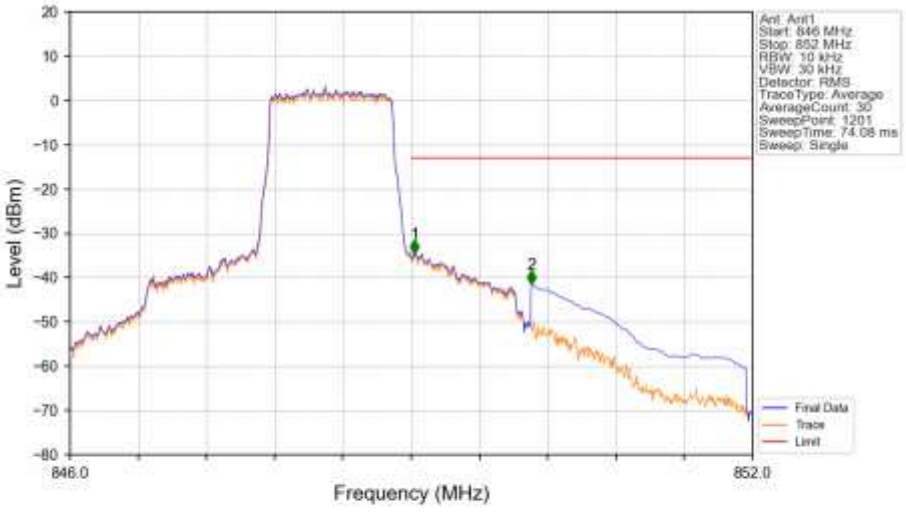


Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



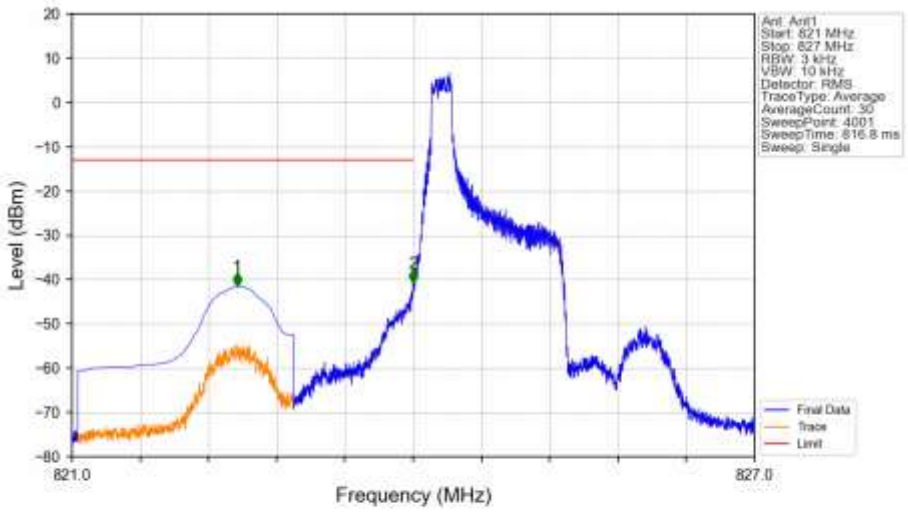
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-35.93	-13	Pass
850	852	0.1	CHP	2	850.617	-44.77	-13	Pass

Band5_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



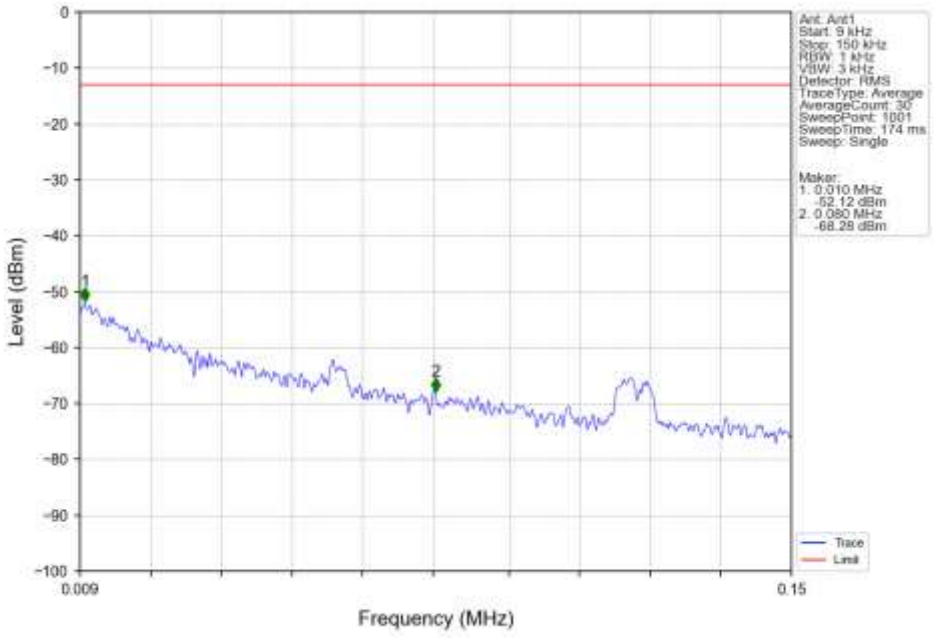
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.030	-34.55	-13	Pass
850	852	0.1	CHP	2	850.055	-41.52	-13	Pass

Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

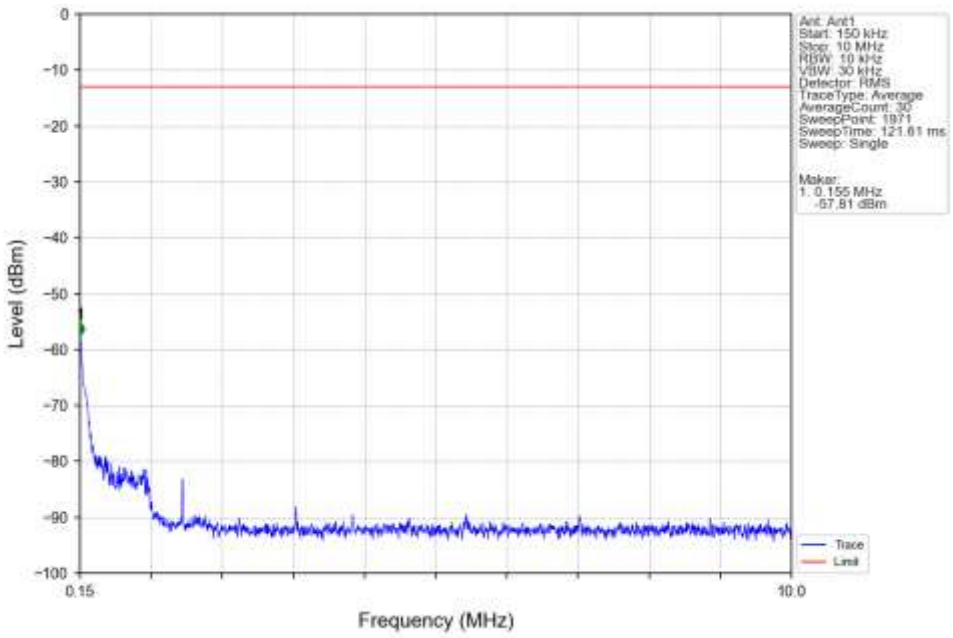


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.452	-41.46	-13	Pass
823	824	0.003	/	2	823.999	-40.79	-13	Pass
824	827	0.003	/	/	/	/	/	/

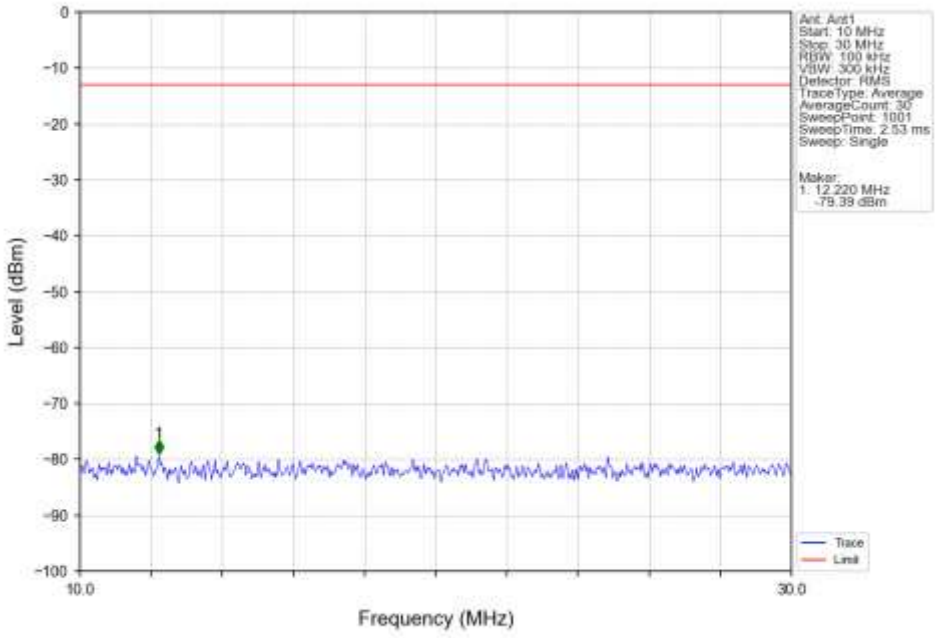
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



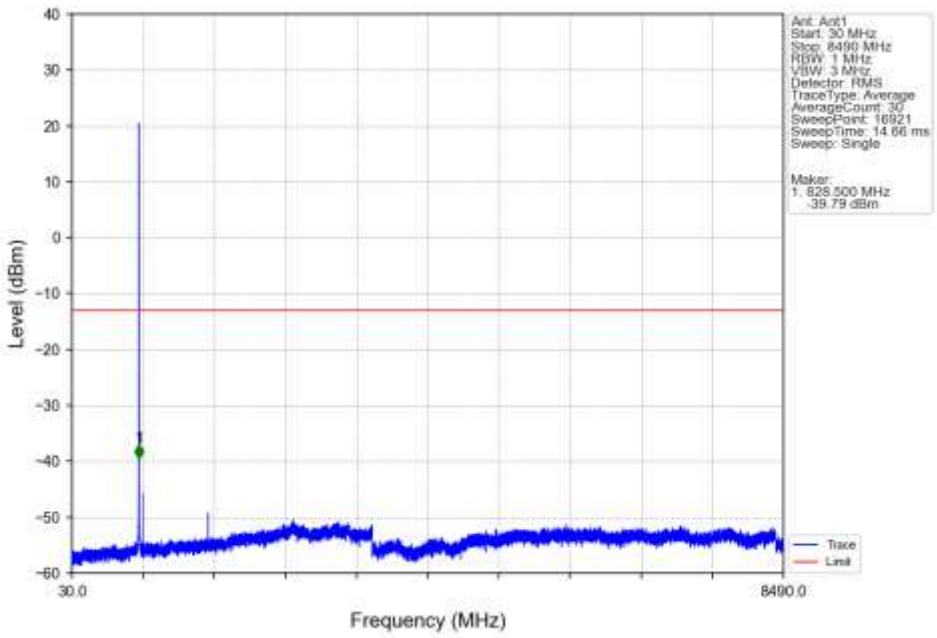
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



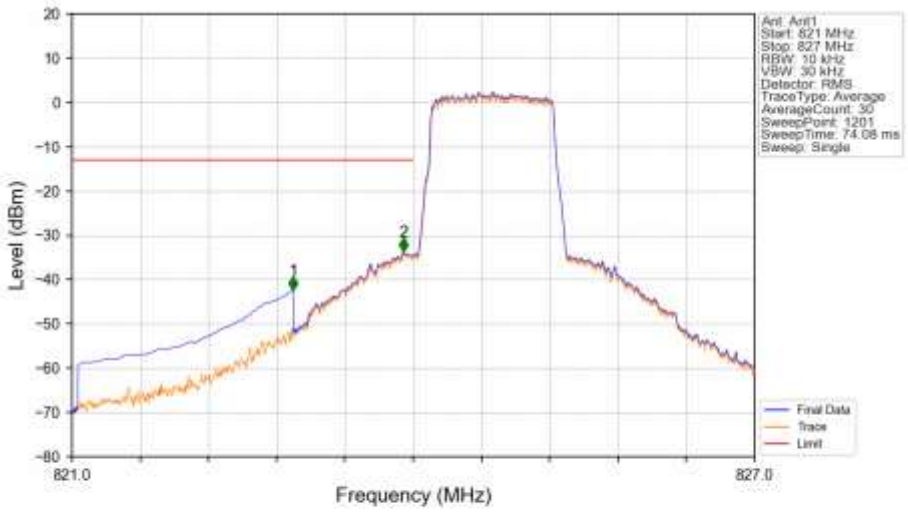
Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

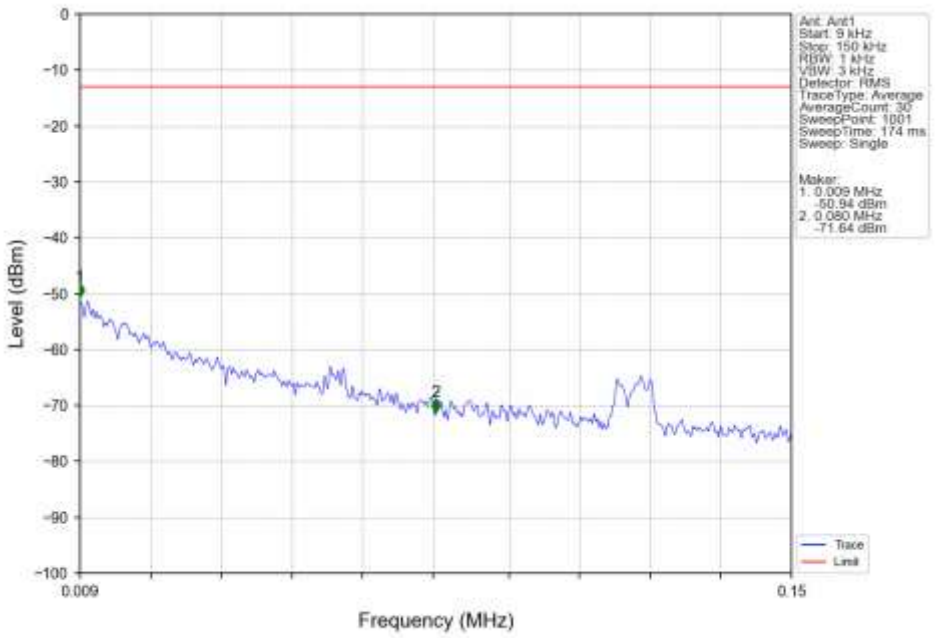


Band5_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

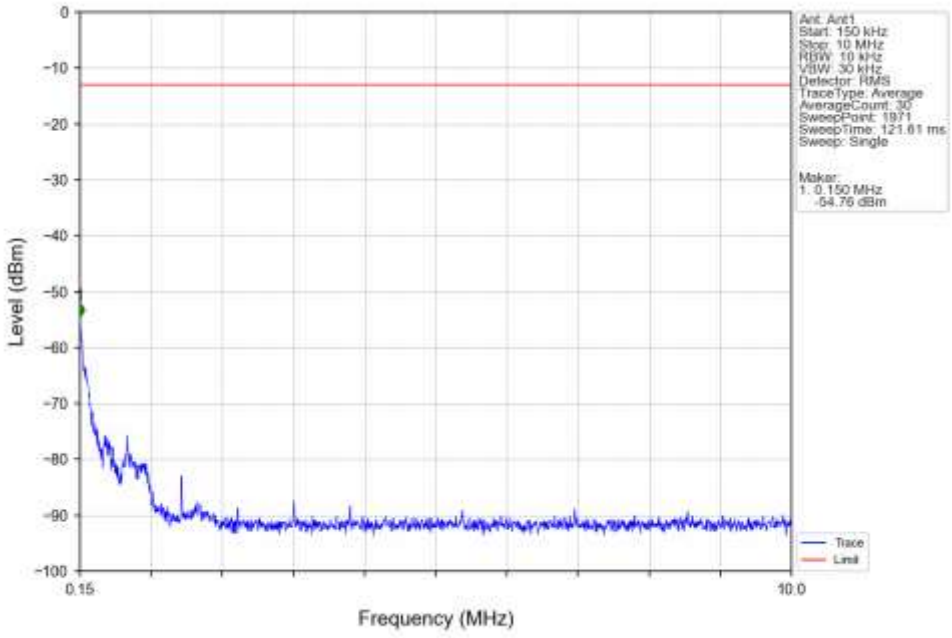


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.945	-42.36	-13	Pass
823	824	0.013	CHP	2	823.915	-33.74	-13	Pass
824	827	0.013	CHP	/	/	/	/	/

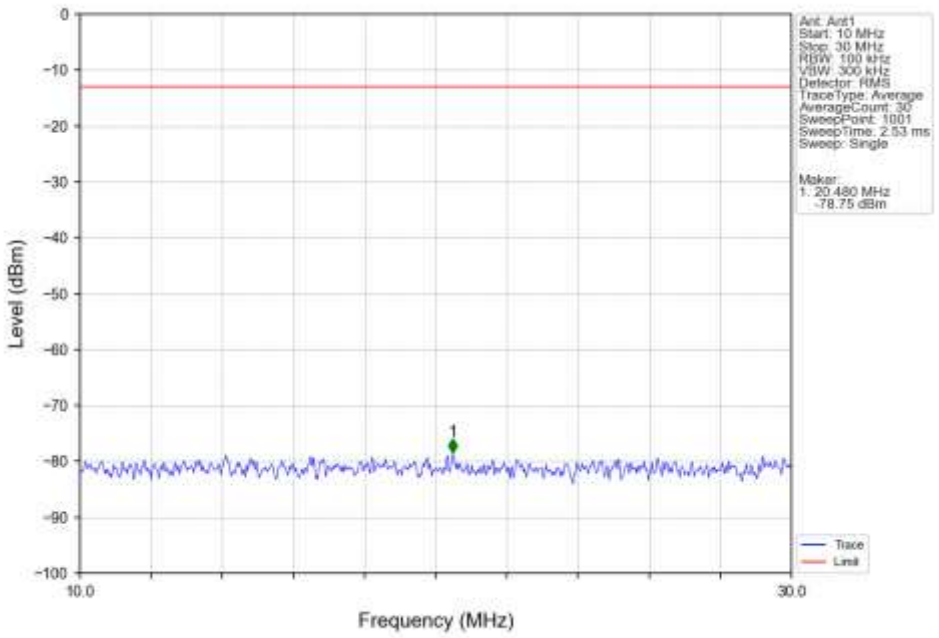
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



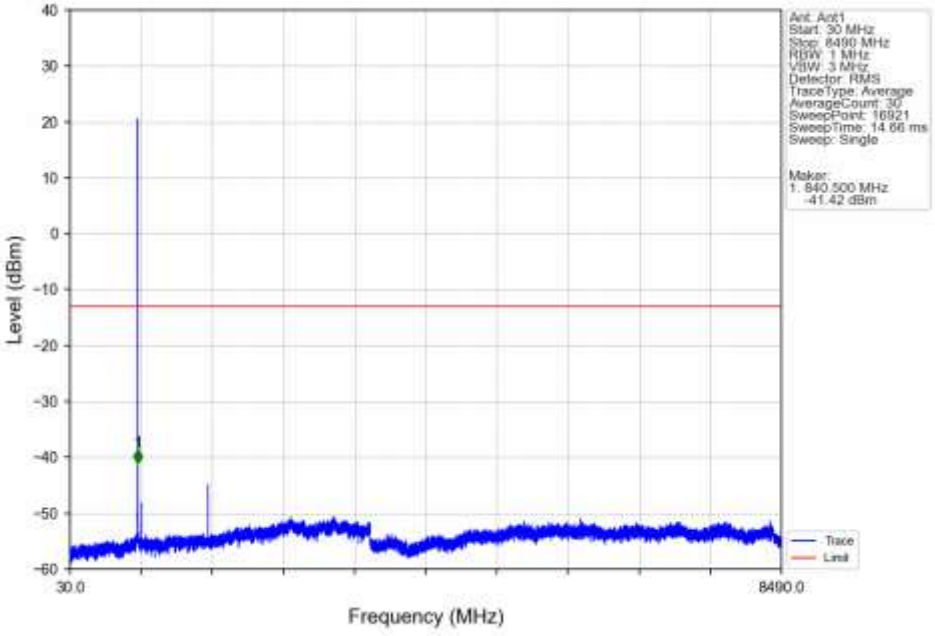
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



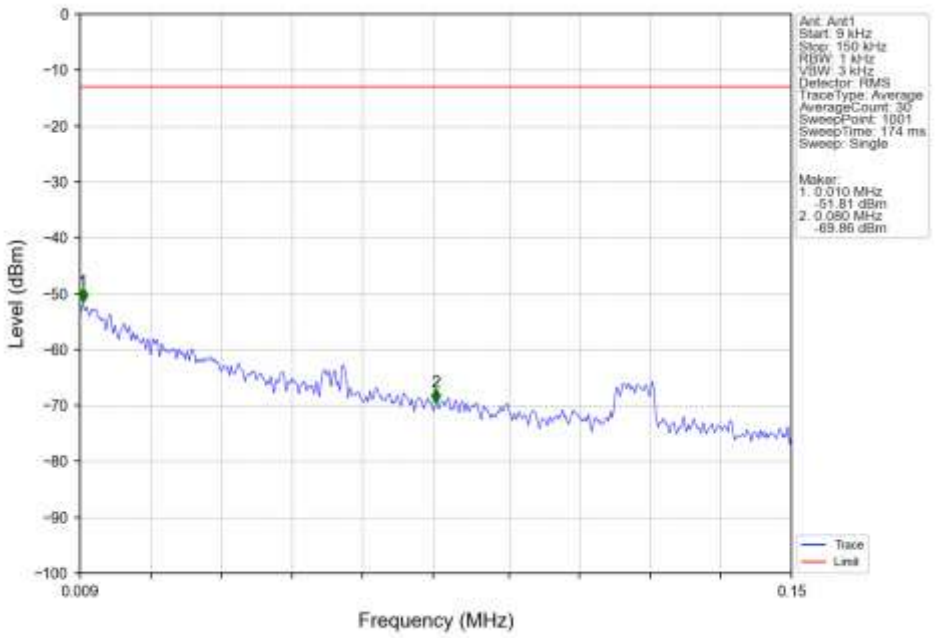
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



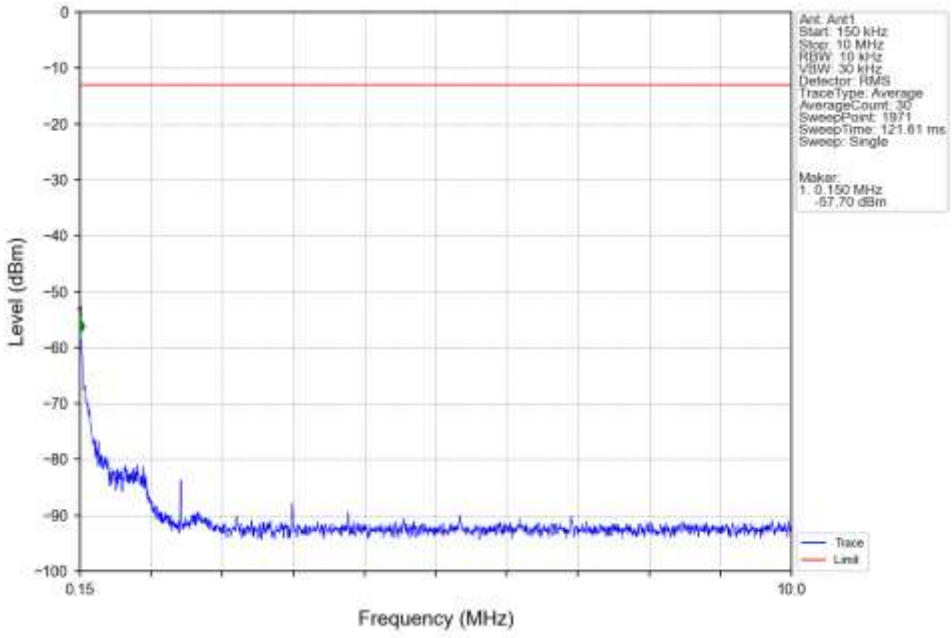
Band5_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



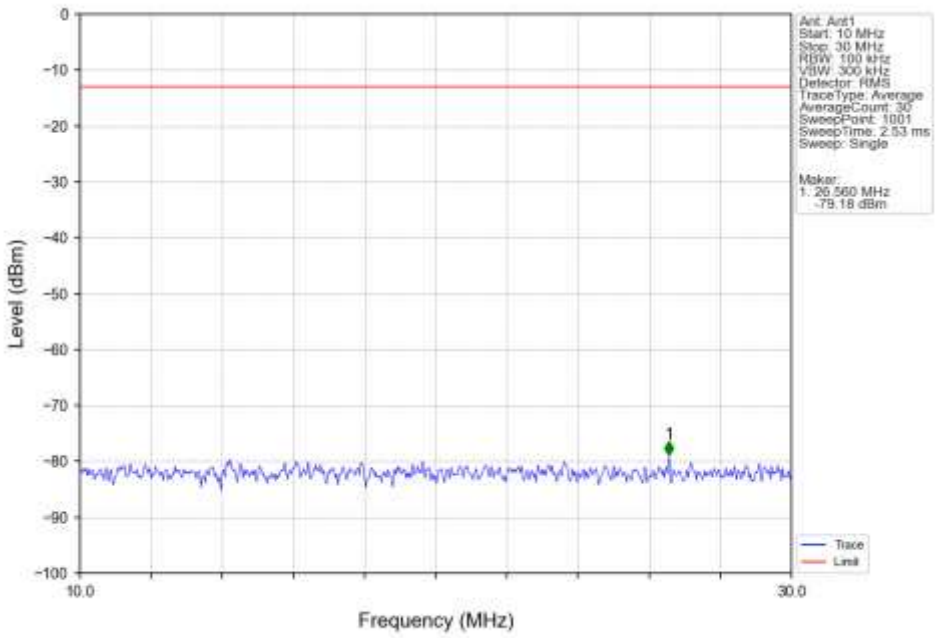
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



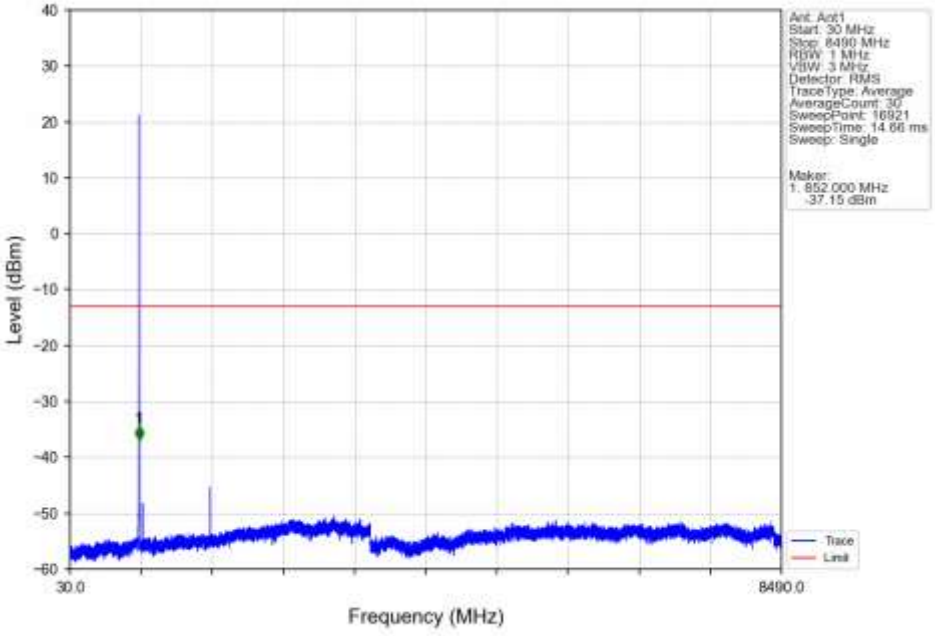
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



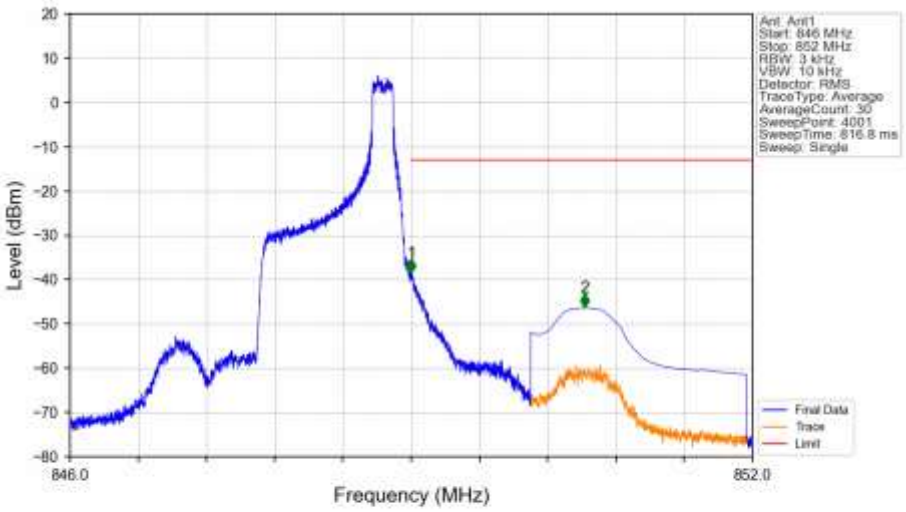
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV



Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

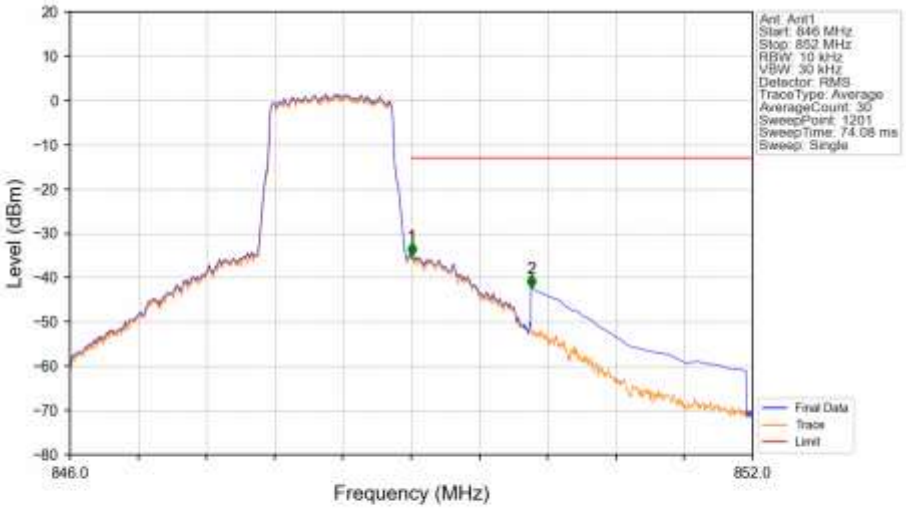


Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-38.50	-13	Pass
850	852	0.1	CHP	2	850.525	-46.30	-13	Pass

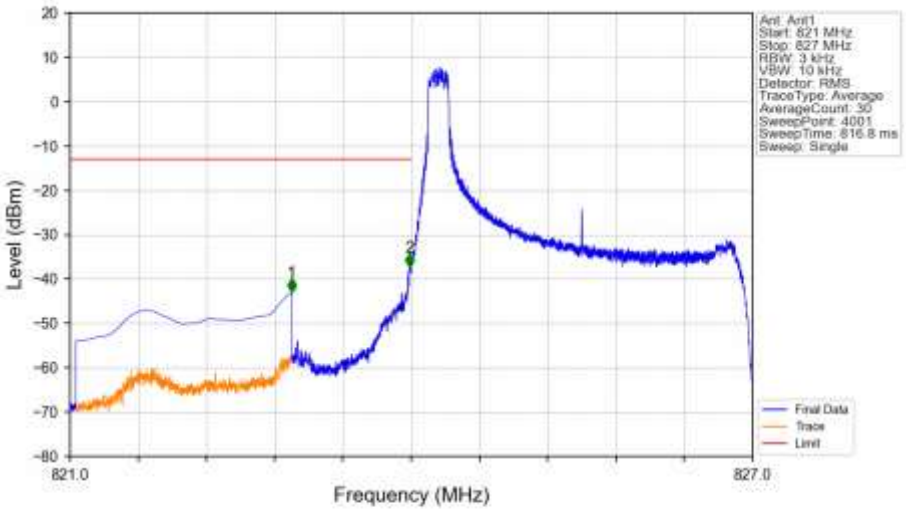
Band5_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.013	CHP	/	/	/	/	/
849	850	0.013	CHP	1	849.005	-35.20	-13	Pass
850	852	0.1	CHP	2	850.055	-42.40	-13	Pass

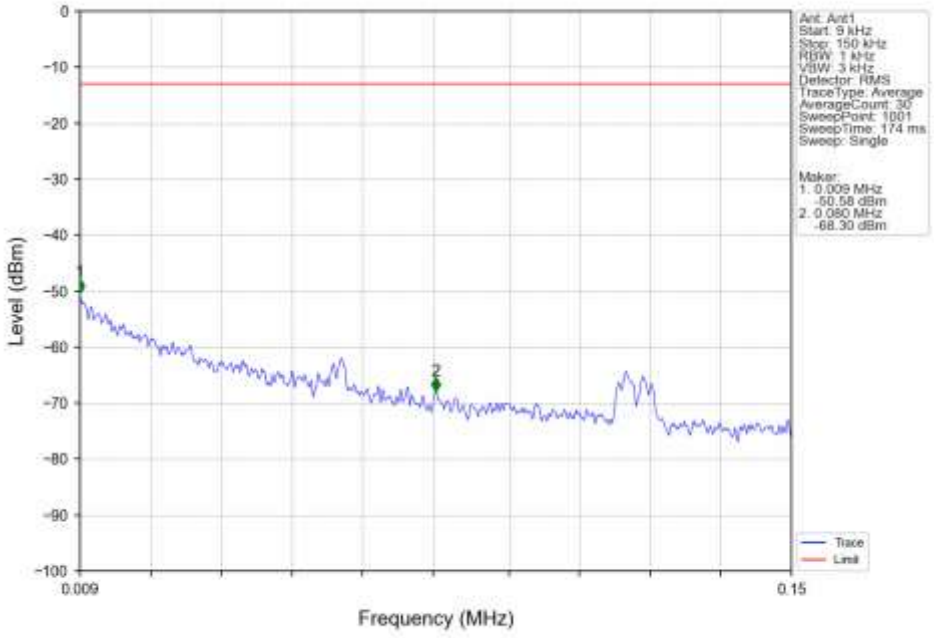
6.2.2 B5_3MHz

Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

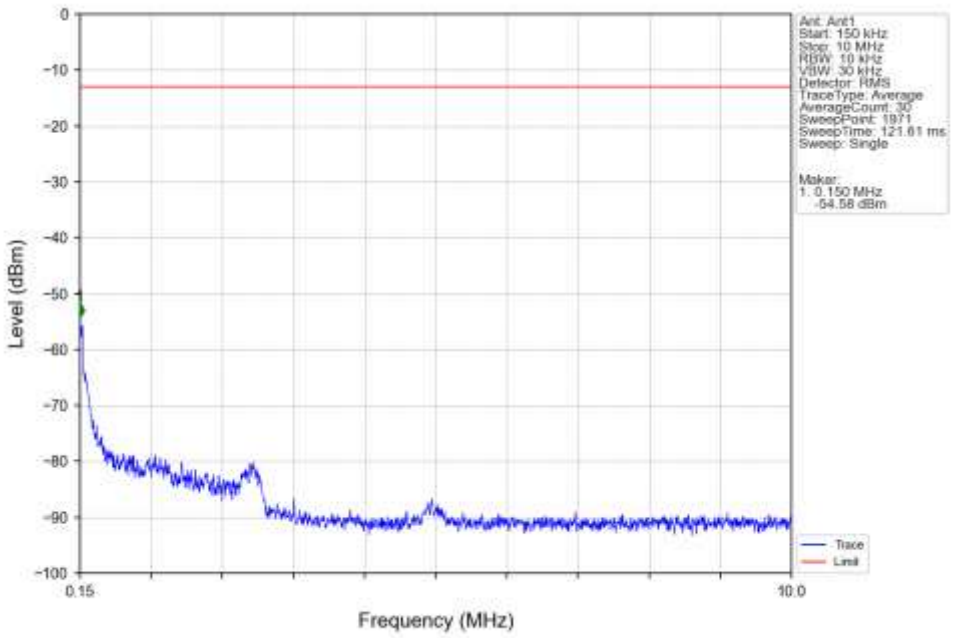


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-42.89	-13	Pass
823	824	0.003	/	2	823.985	-37.30	-13	Pass
824	827	0.003	/	/	/	/	/	/

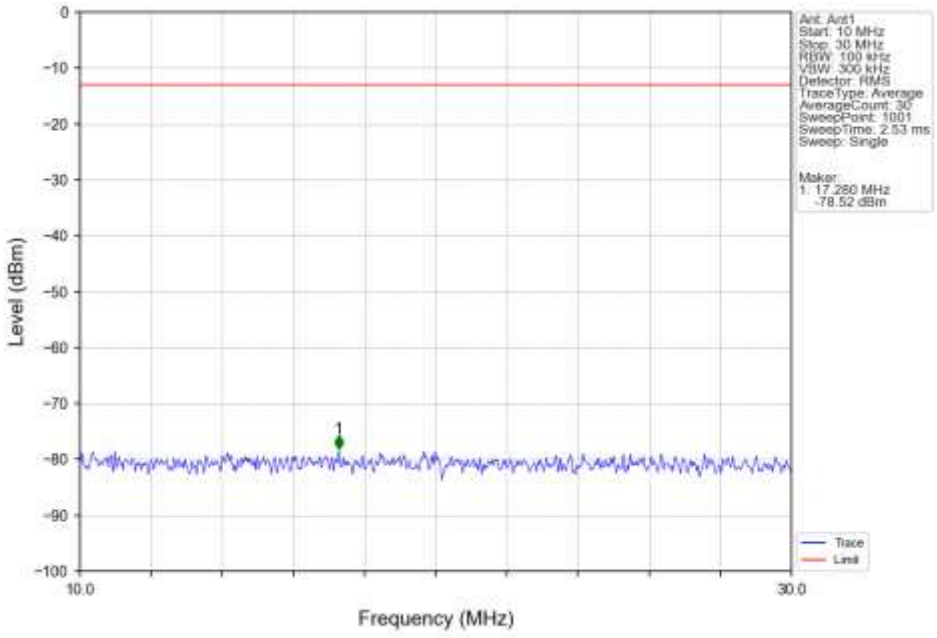
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



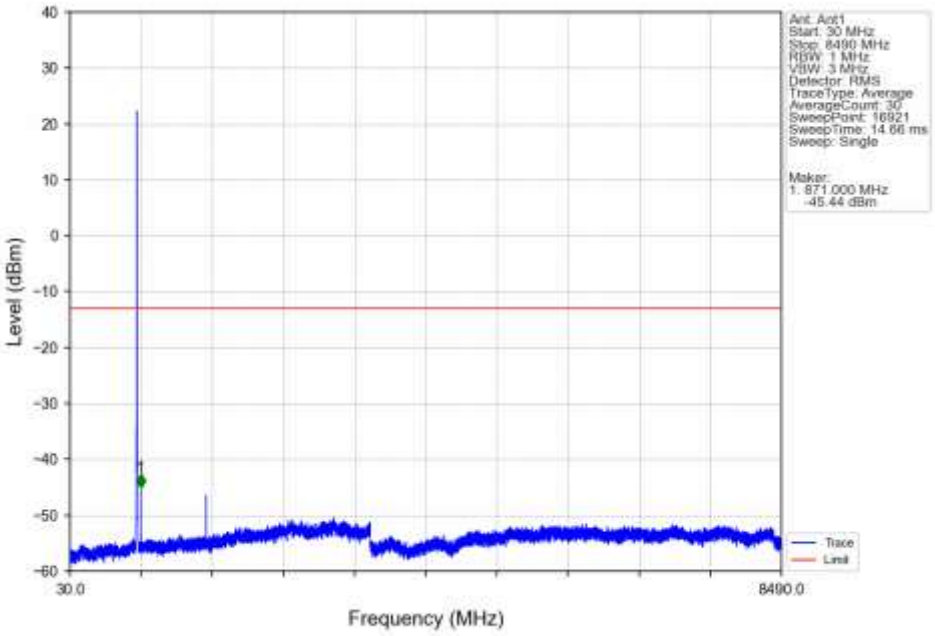
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



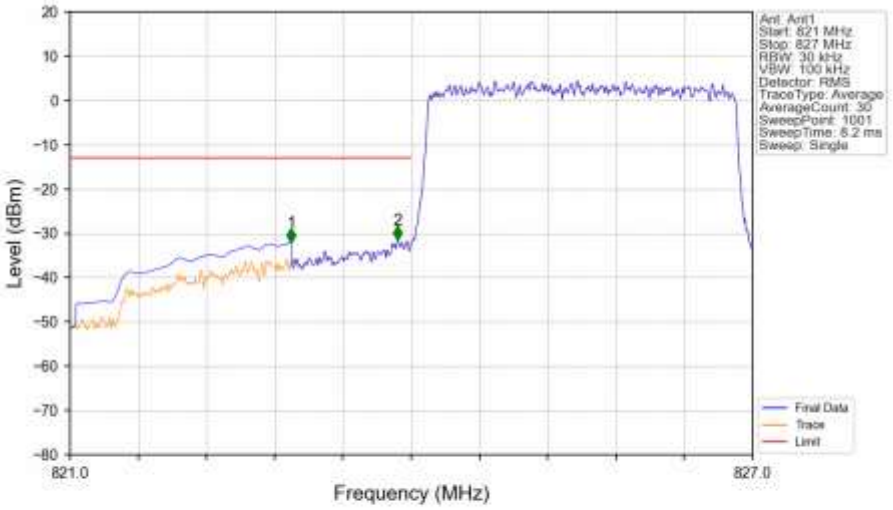
Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

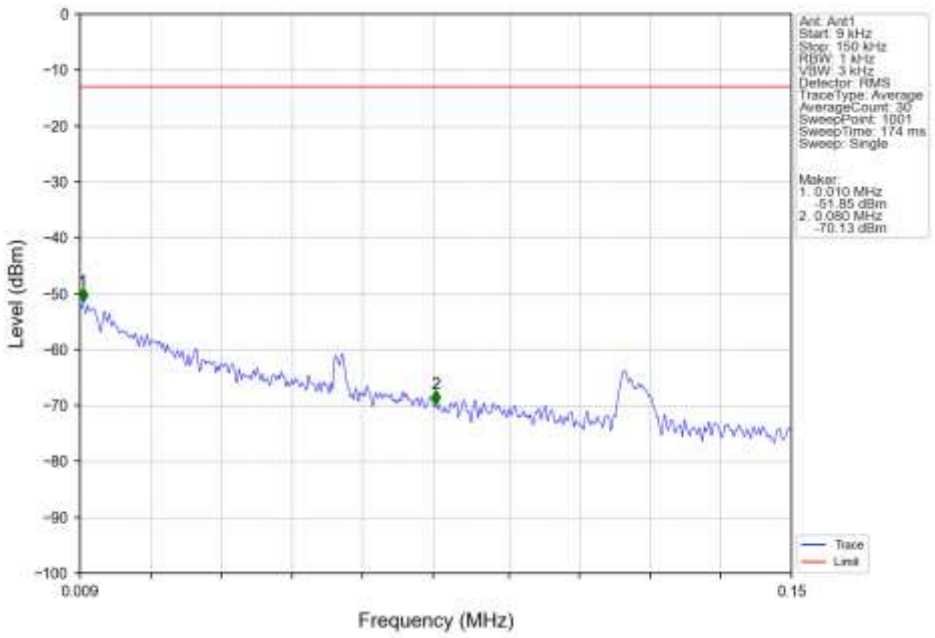


Band5_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

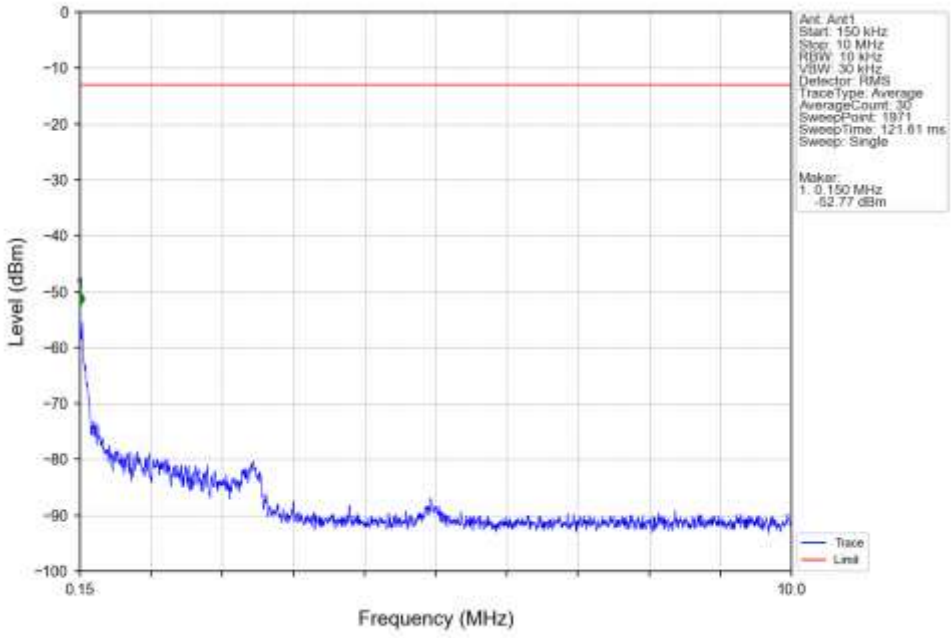


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-32.00	-13	Pass
823	824	0.03	/	2	823.880	-31.46	-13	Pass
824	827	0.03	/	/	/	/	/	/

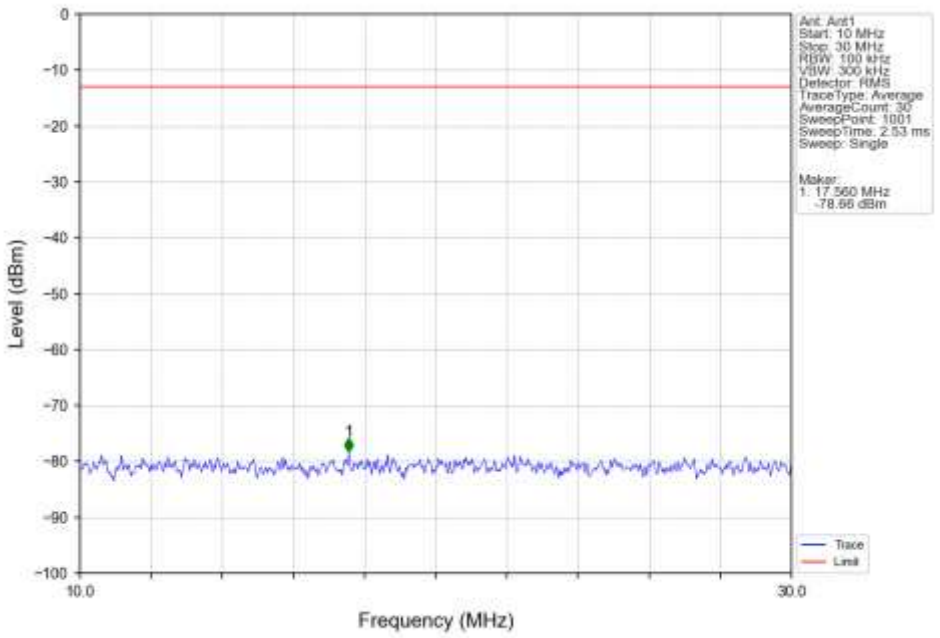
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



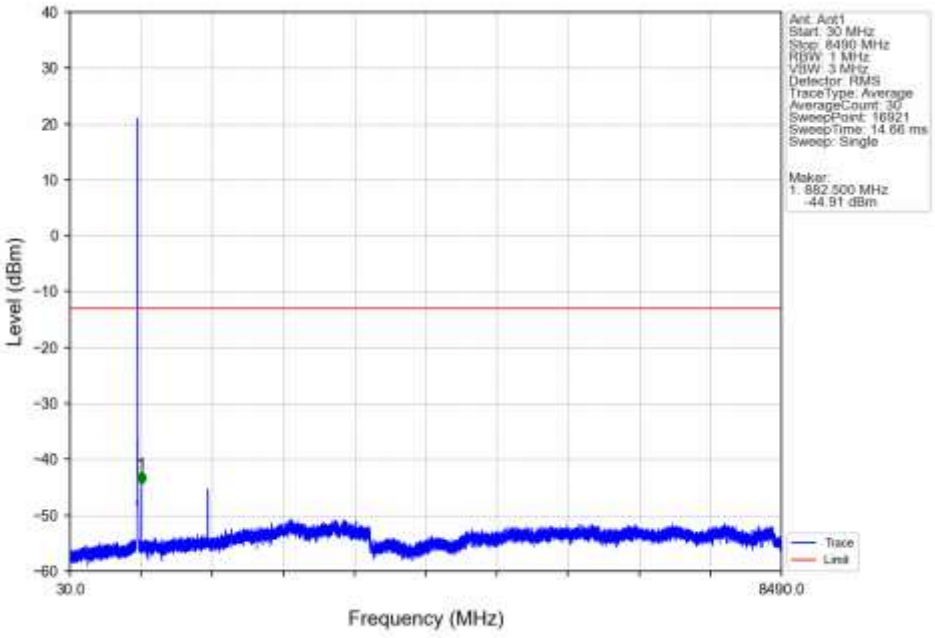
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



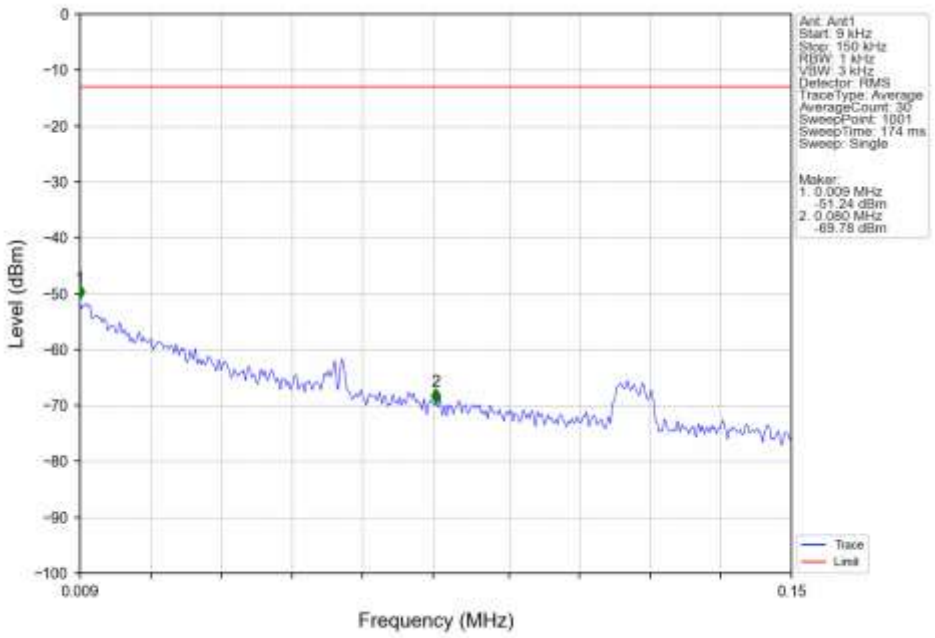
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



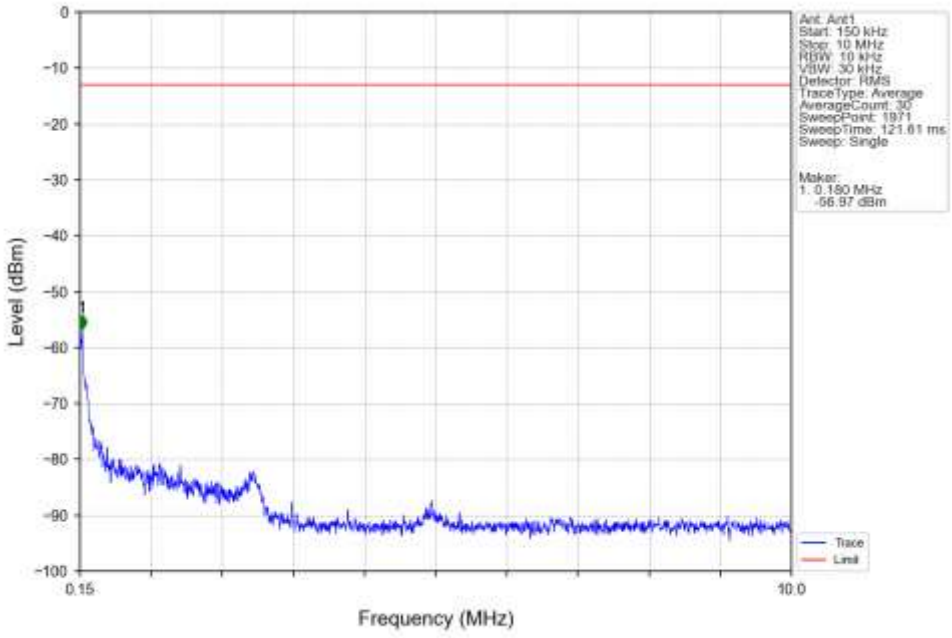
Band5_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



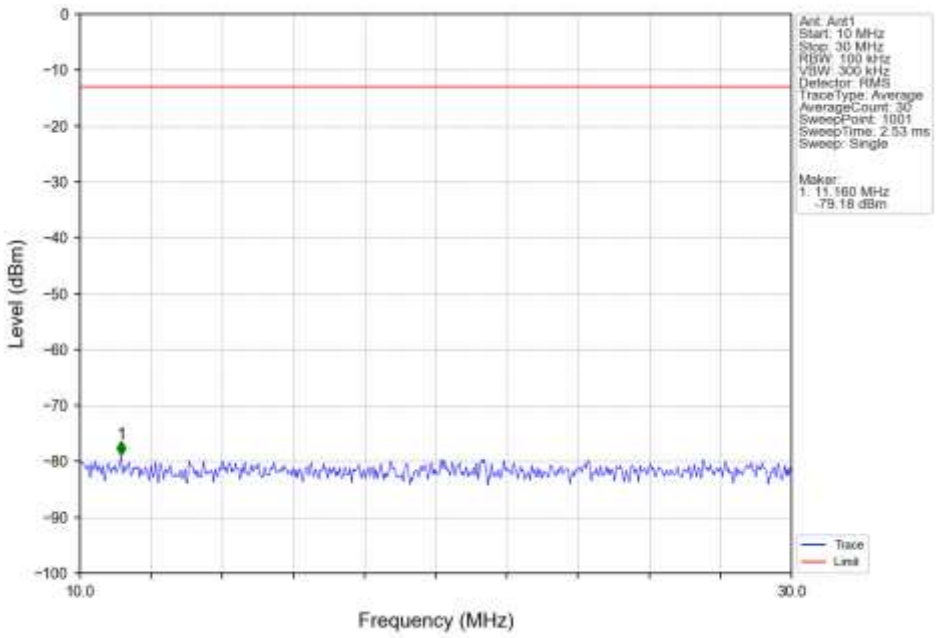
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



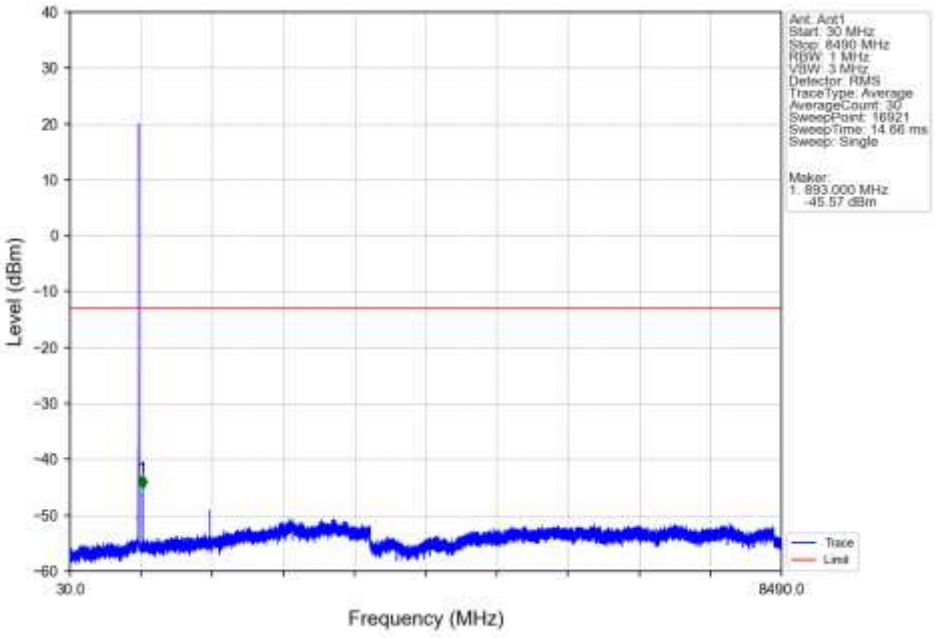
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



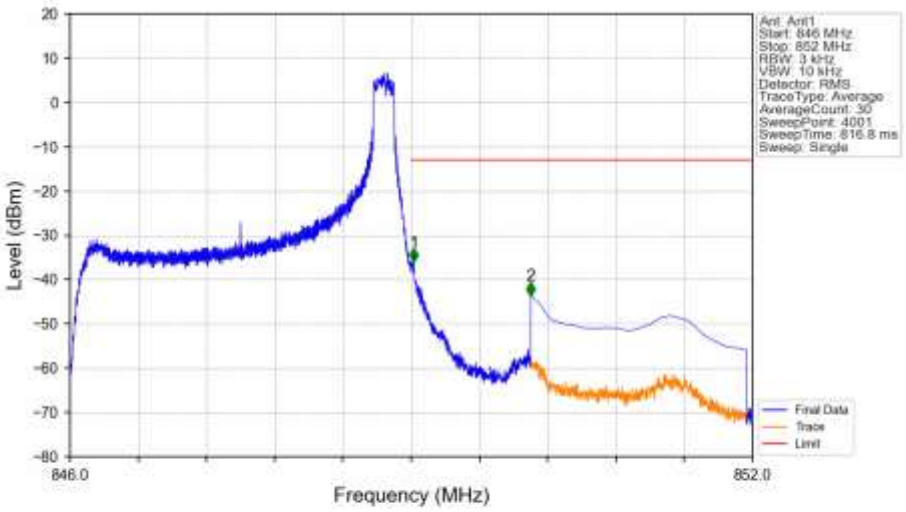
Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV

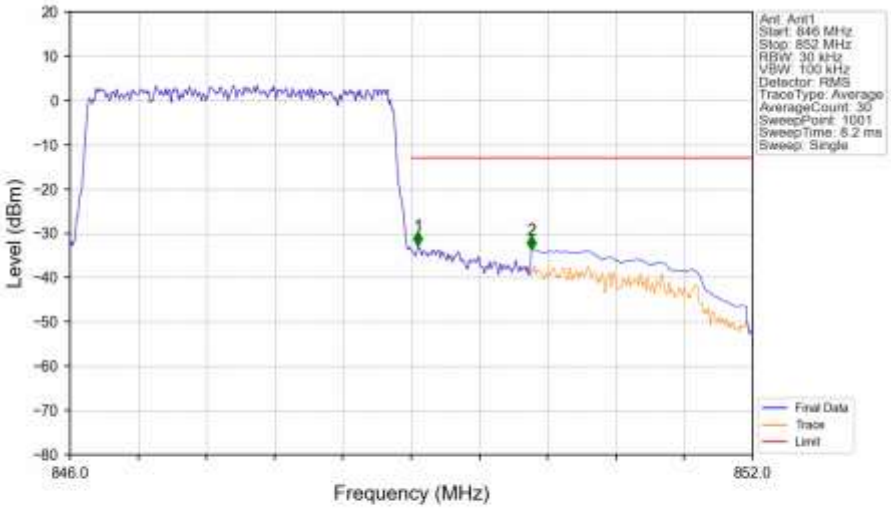


Band5_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV



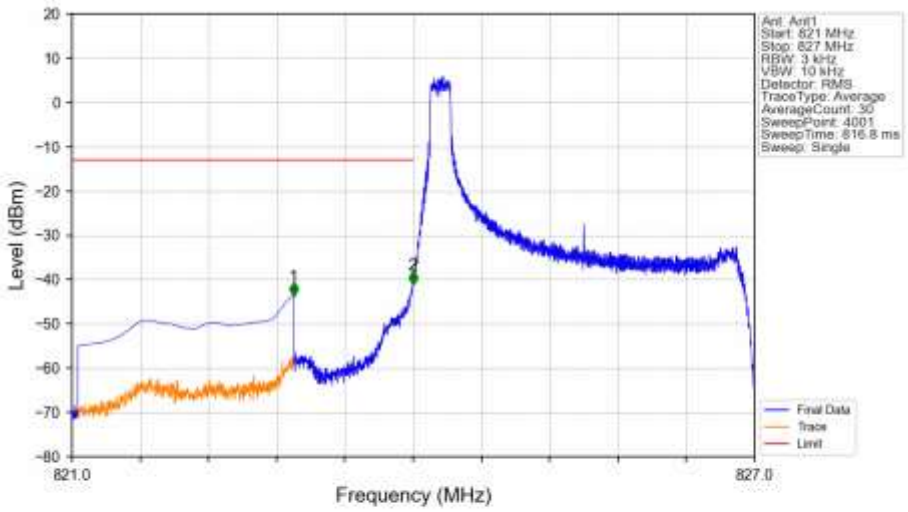
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.023	-36.11	-13	Pass
850	852	0.1	CHP	2	850.052	-43.61	-13	Pass

Band5_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



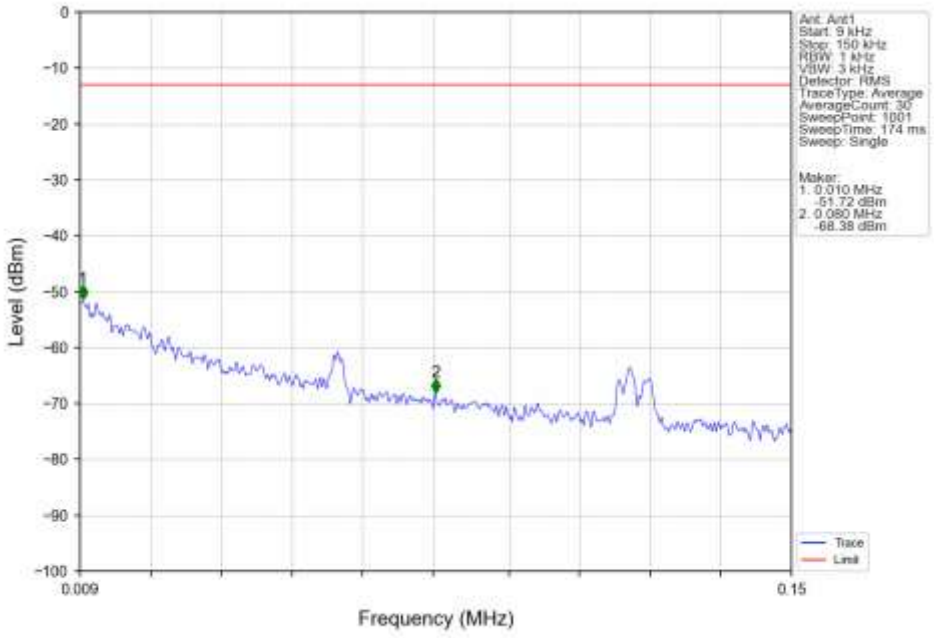
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.060	-32.73	-13	Pass
850	852	0.1	CHP	2	850.056	-33.70	-13	Pass

Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

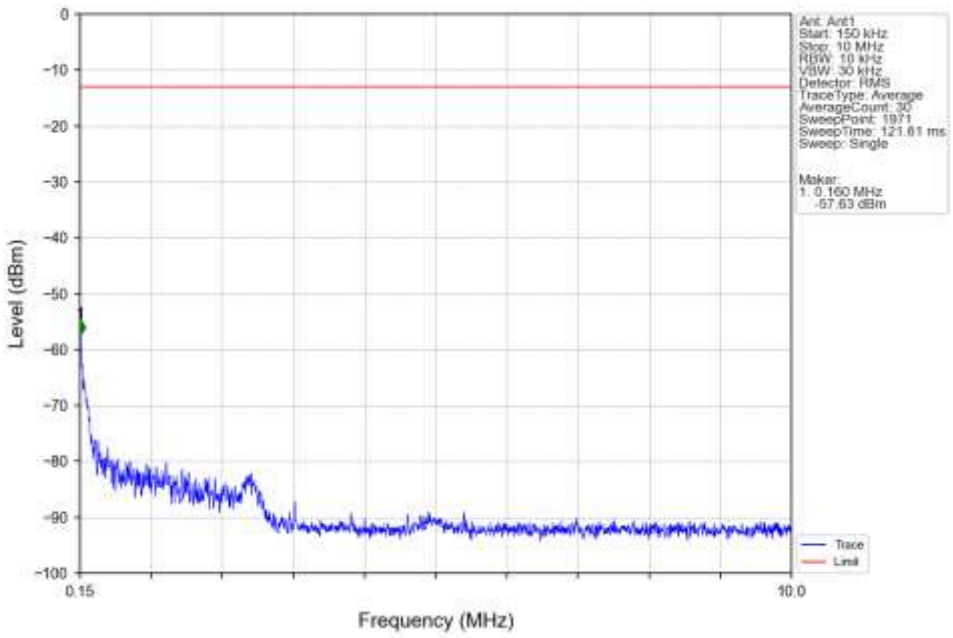


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.948	-43.62	-13	Pass
823	824	0.003	/	2	823.997	-41.08	-13	Pass
824	827	0.003	/	/	/	/	/	/

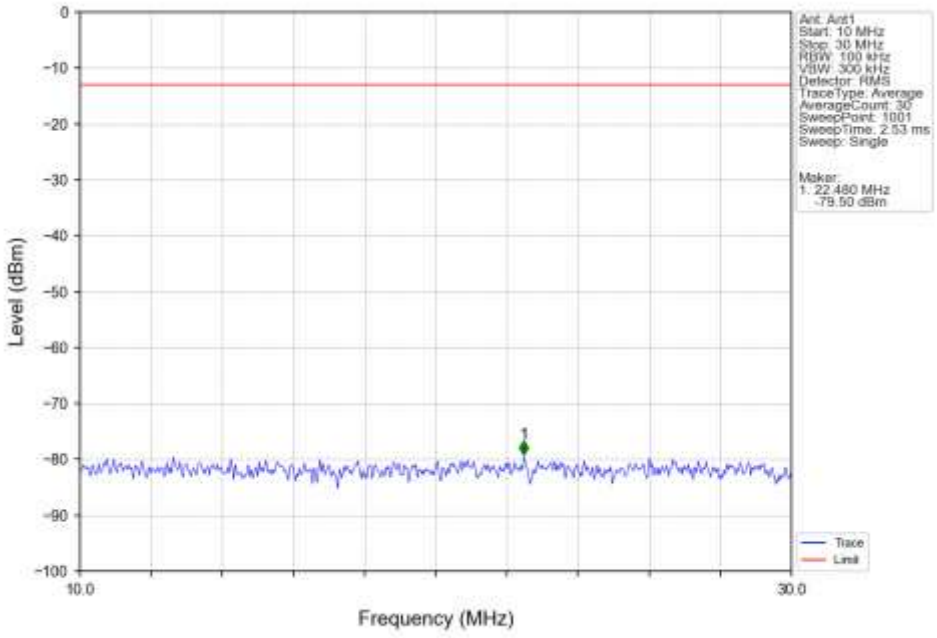
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



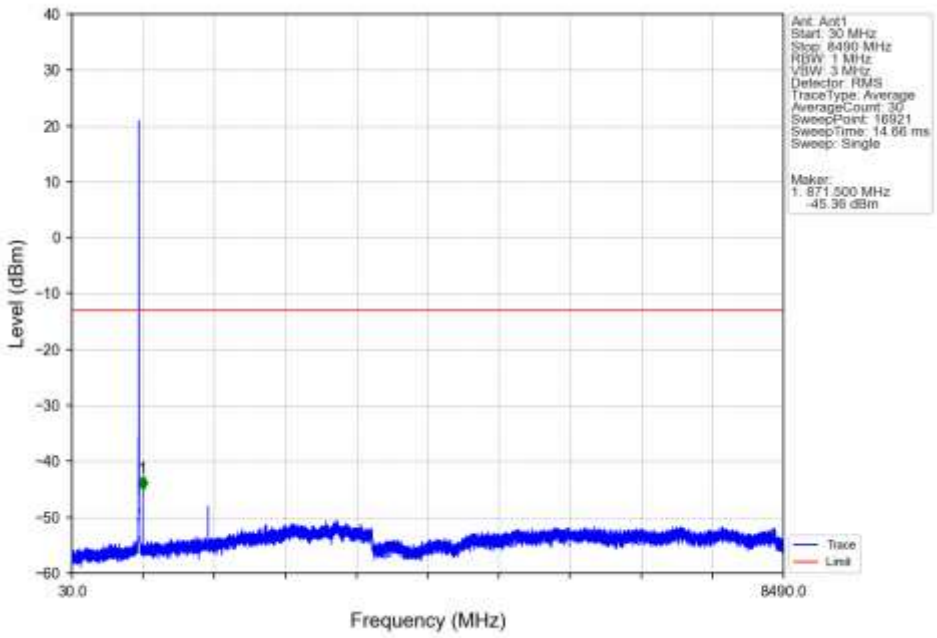
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



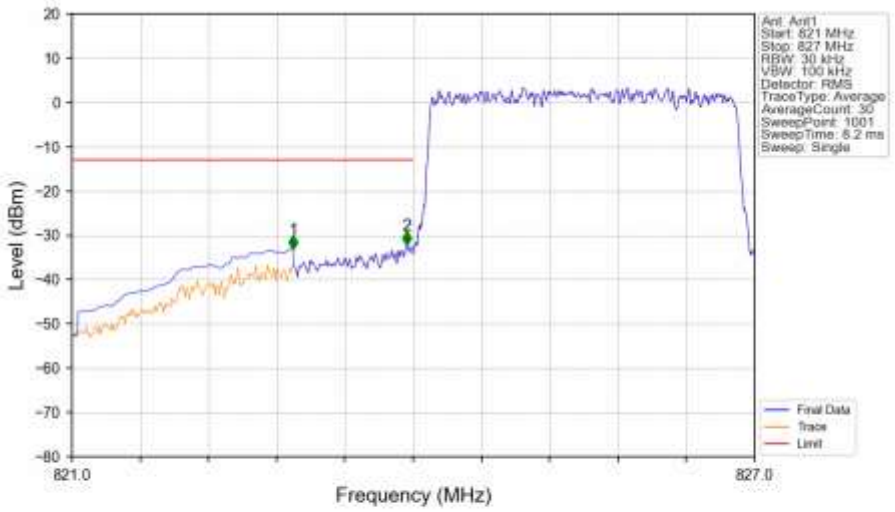
Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTNV

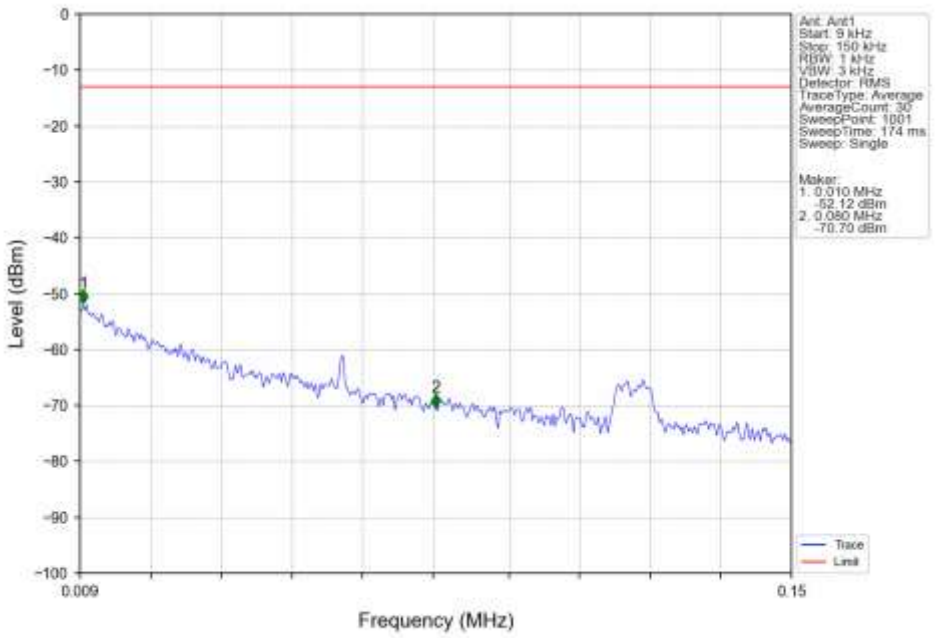


Band5_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

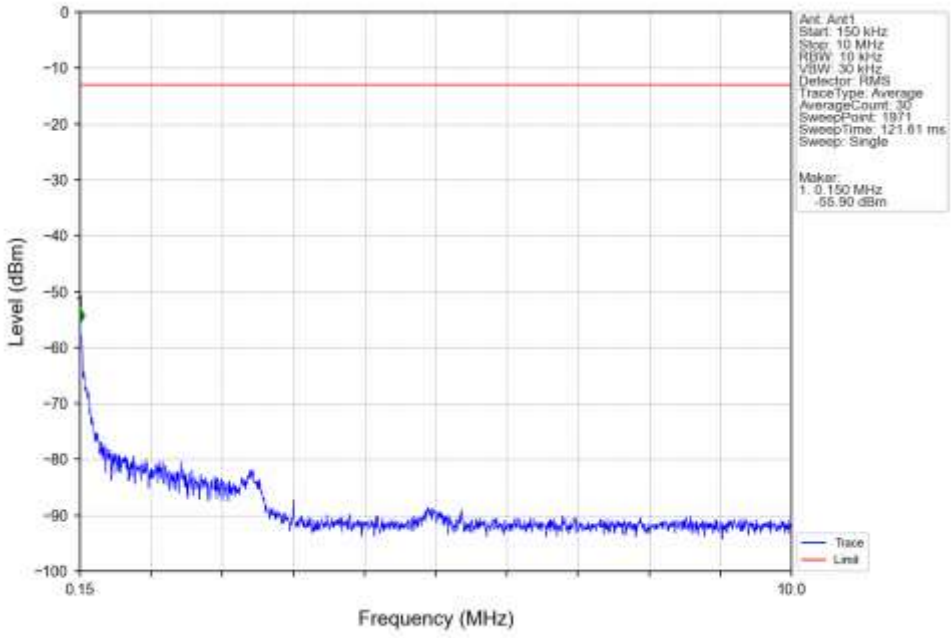


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.944	-33.07	-13	Pass
823	824	0.03	/	2	823.946	-32.26	-13	Pass
824	827	0.03	/	/	/	/	/	/

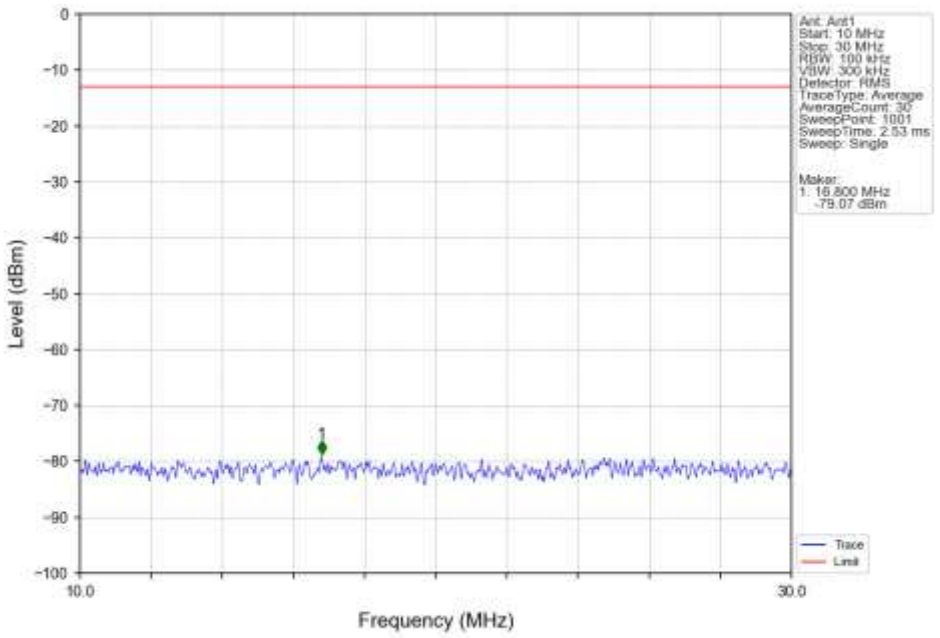
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



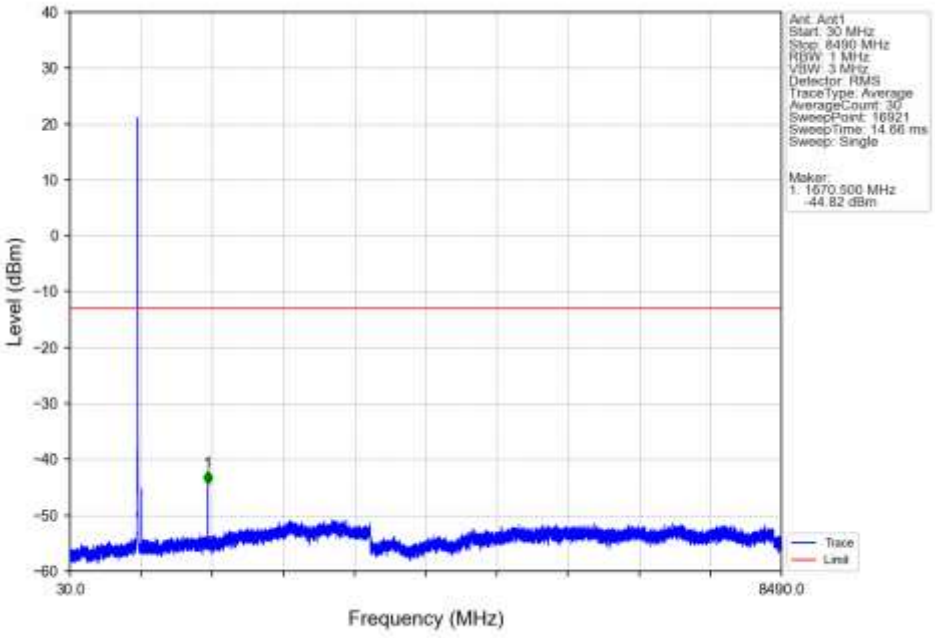
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



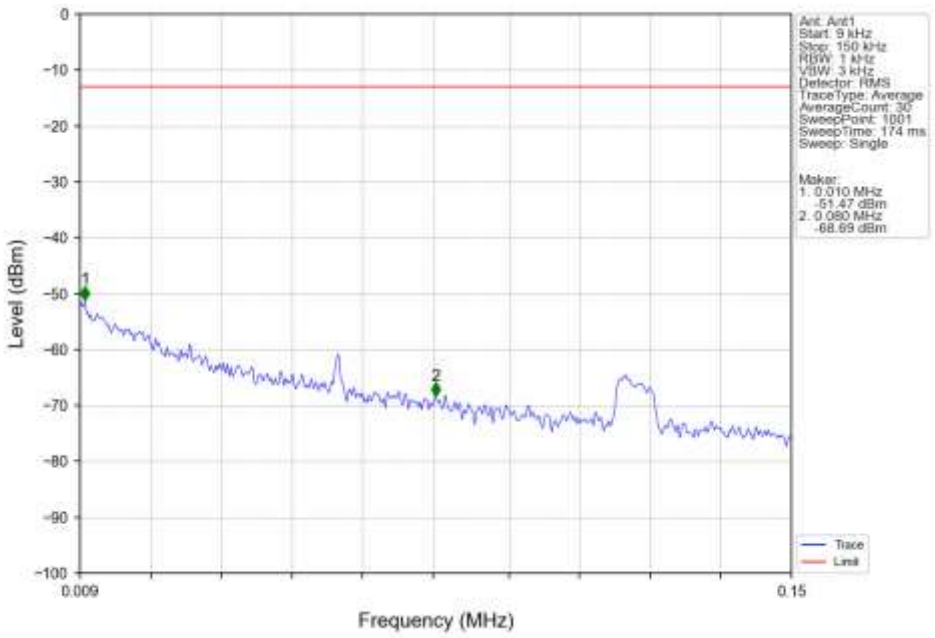
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



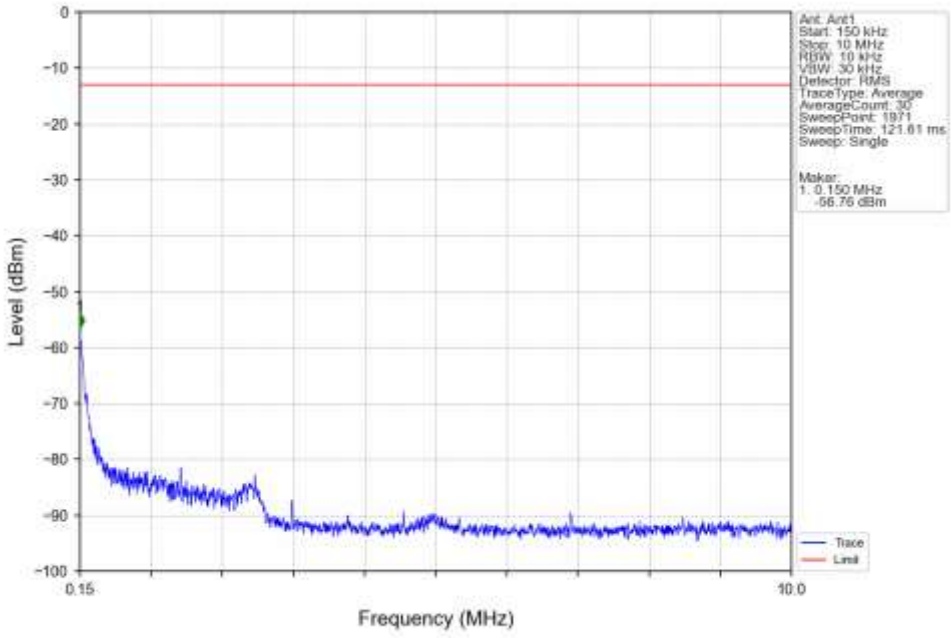
Band5_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



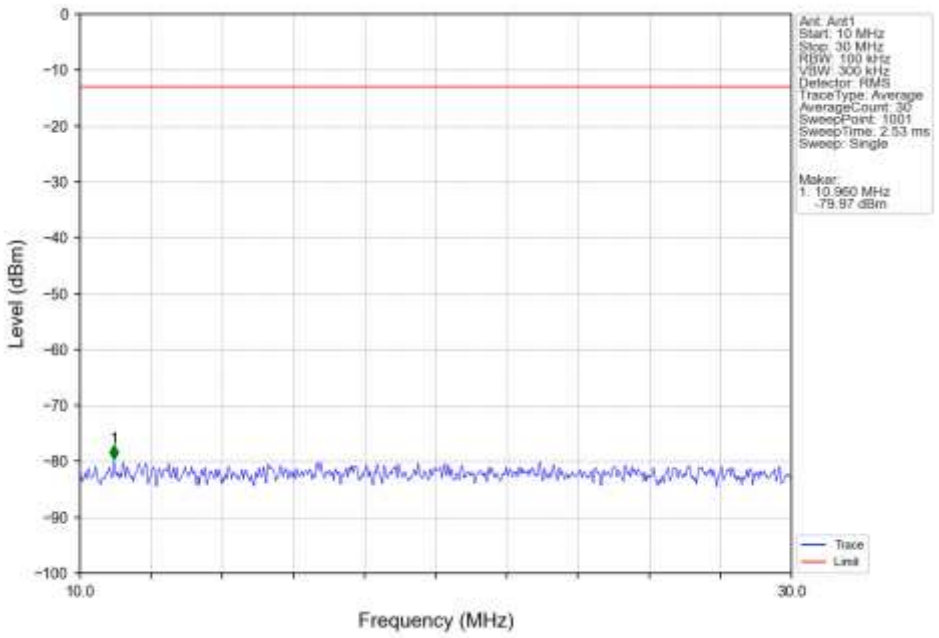
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



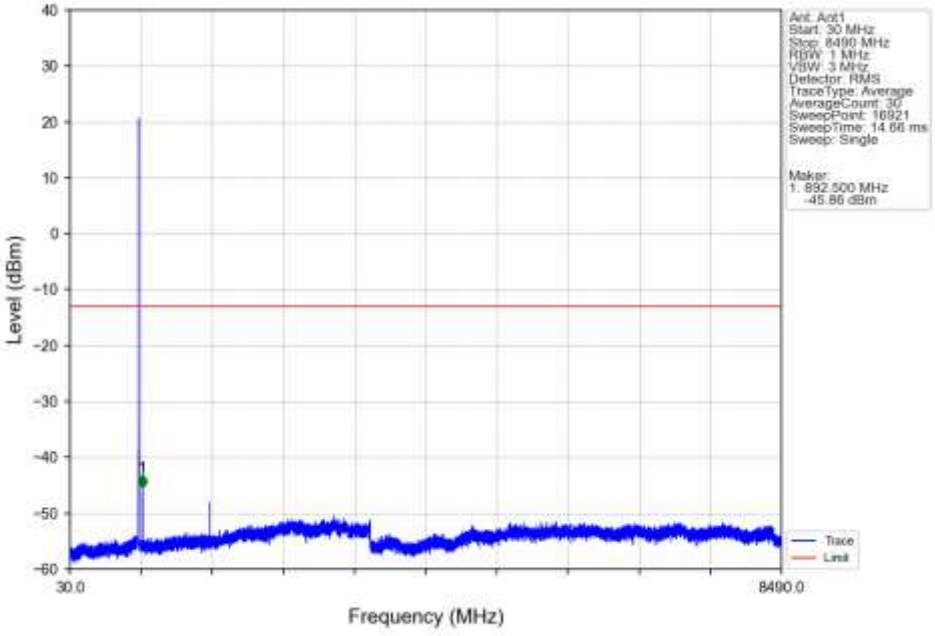
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



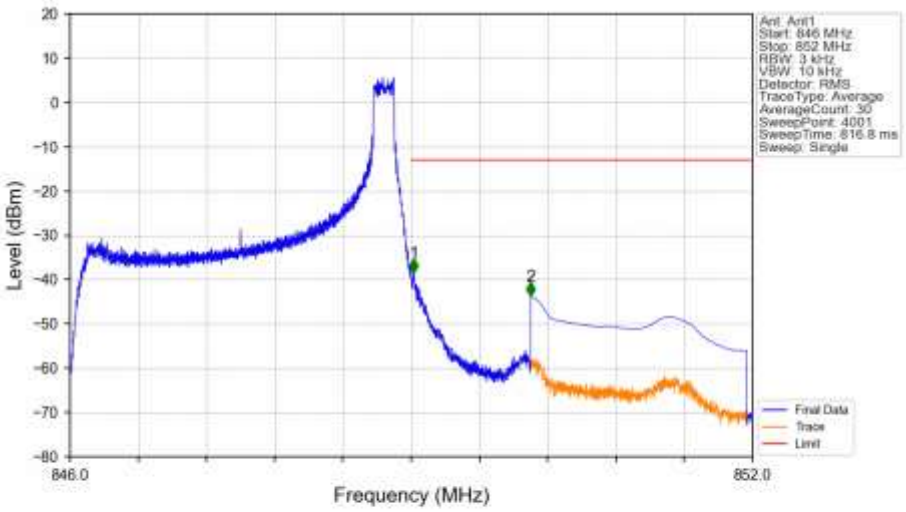
Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV

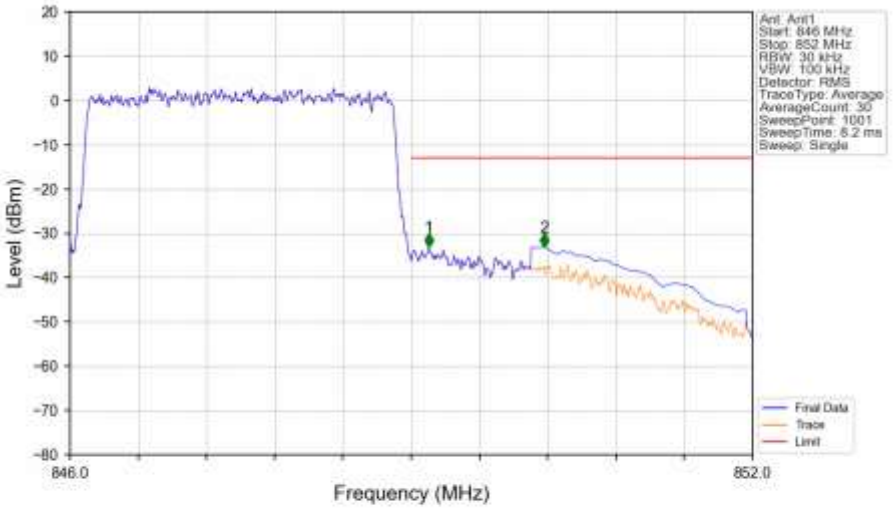


Band5_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.023	-38.39	-13	Pass
850	852	0.1	CHP	2	850.052	-43.72	-13	Pass

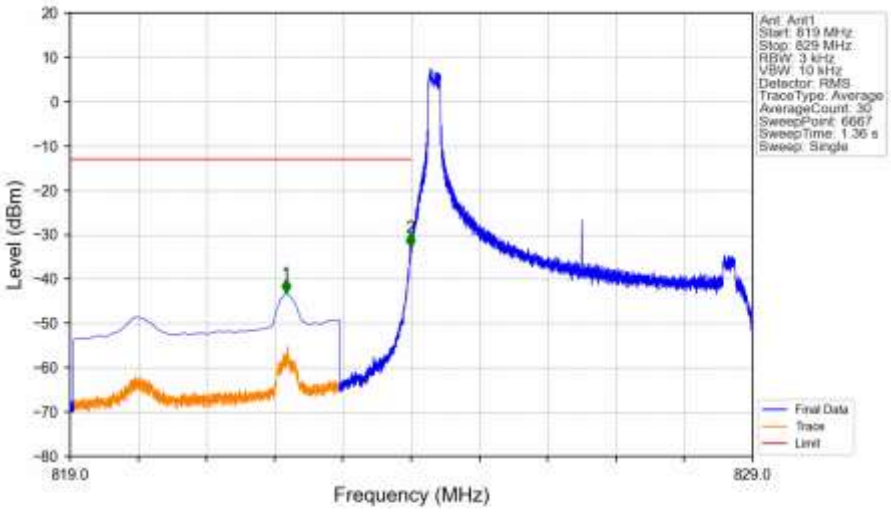
Band5_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.156	-33.20	-13	Pass
850	852	0.1	CHP	2	850.170	-33.11	-13	Pass

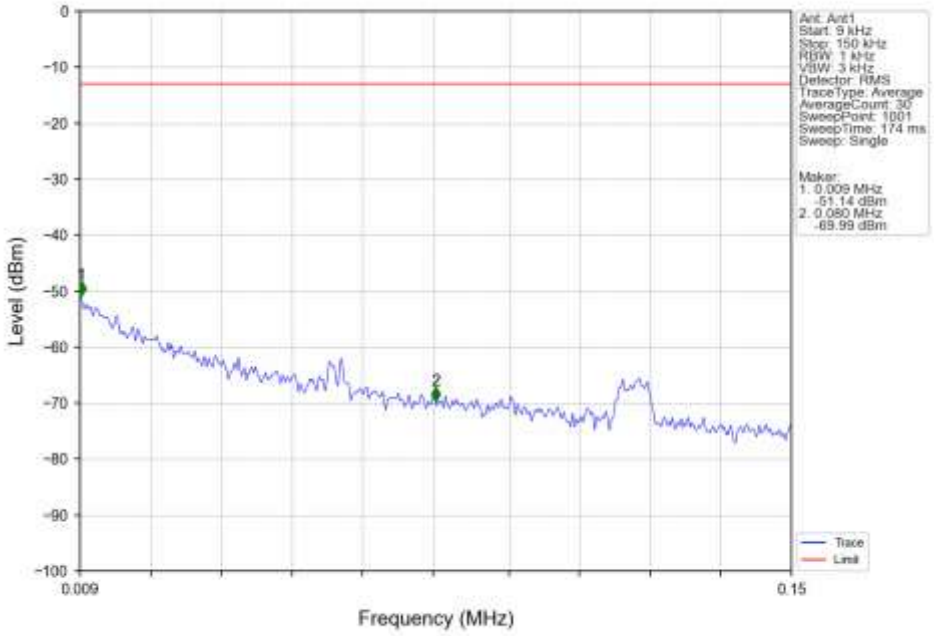
6.2.3 B5_5MHz

Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

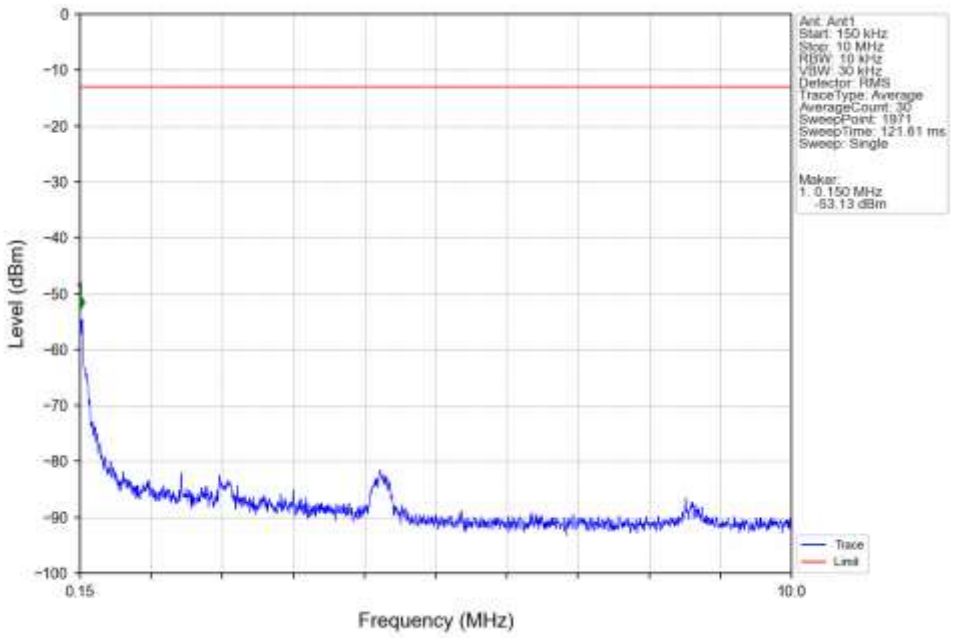


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.162	-43.09	-13	Pass
823	824	0.003	/	2	823.989	-32.69	-13	Pass
824	829	0.003	/	/	/	/	/	/

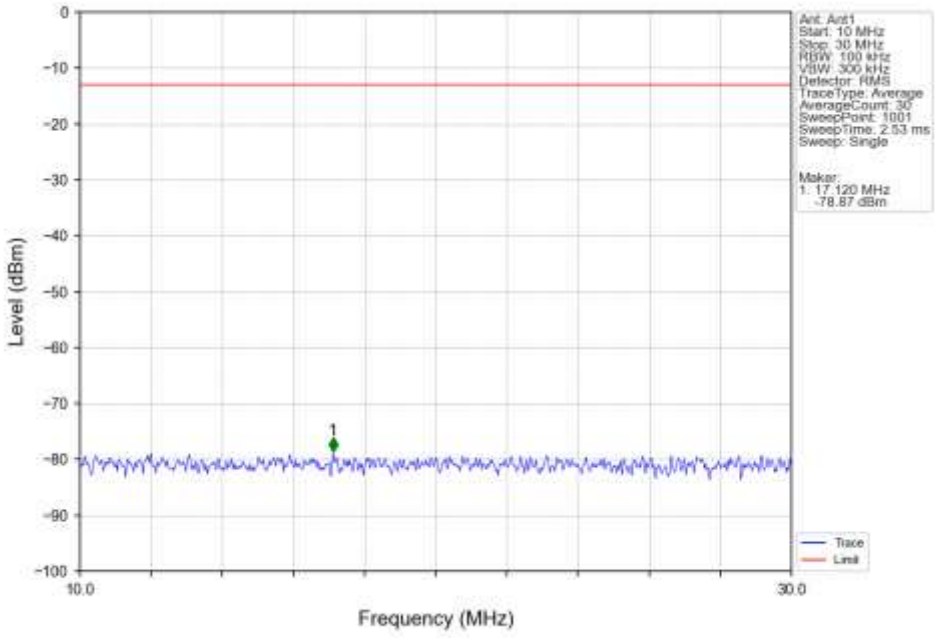
Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



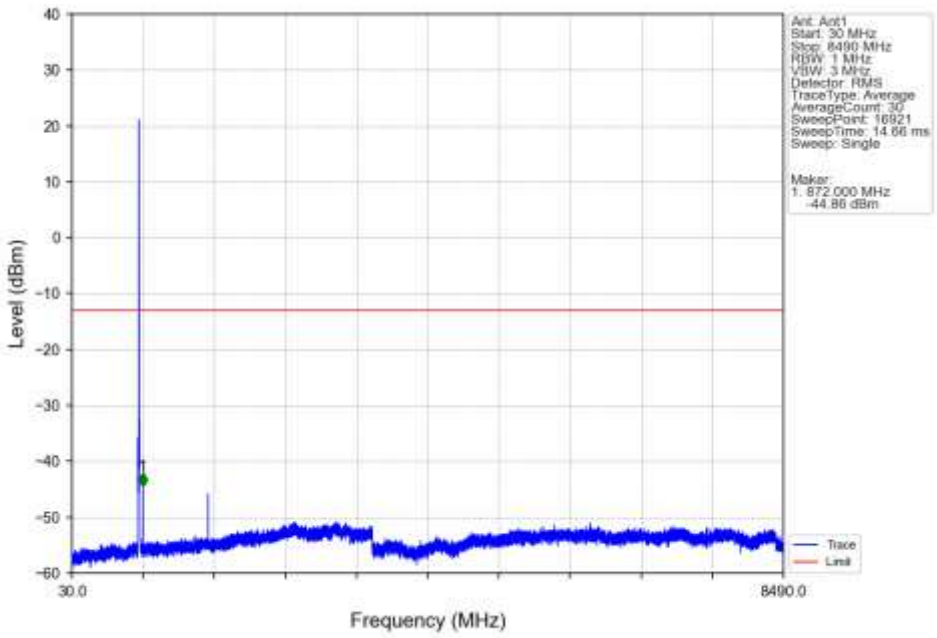
Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



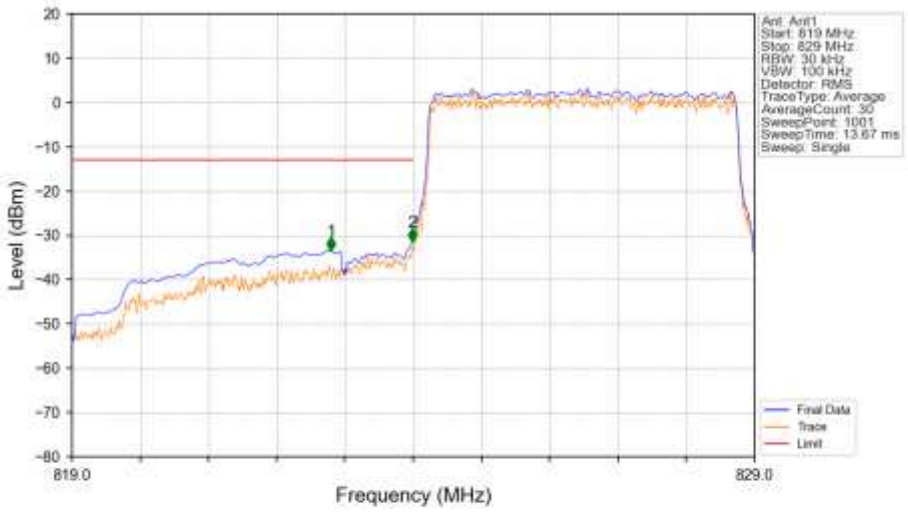
Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_LCH_826.5MHz_RB_1_0_NTNV

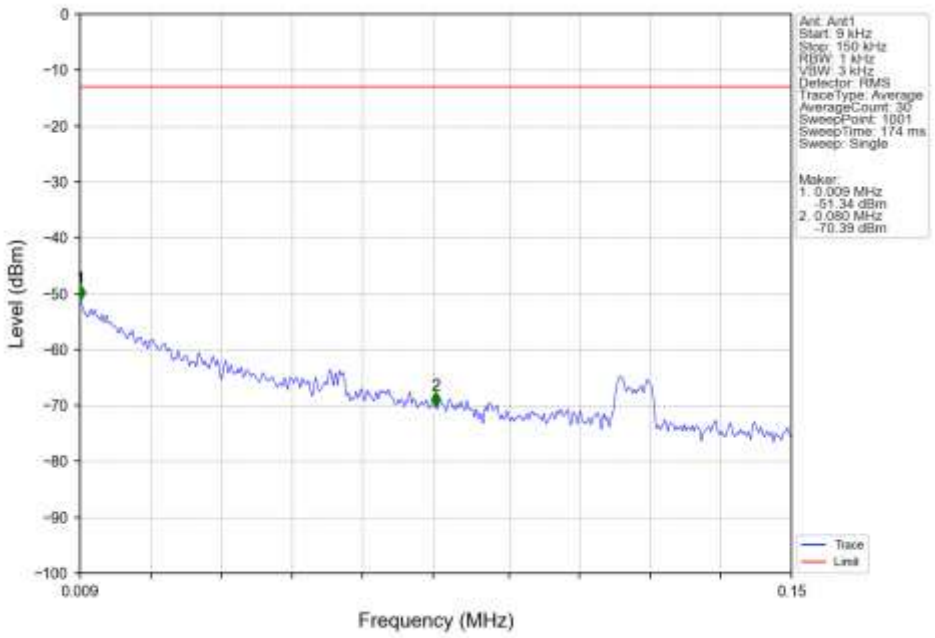


Band5_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTNV

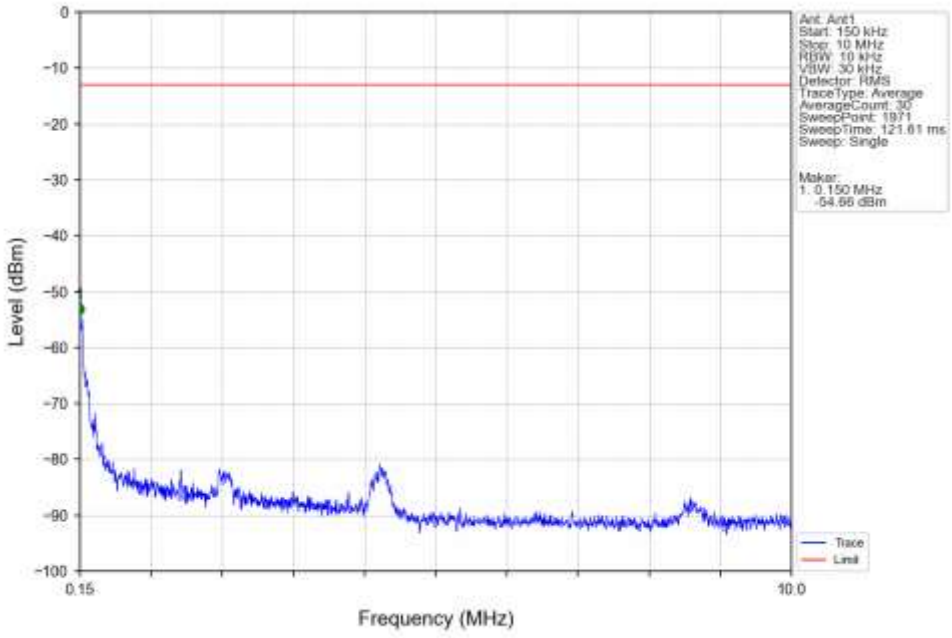


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.800	-33.44	-13	Pass
823	824	0.05	CHP	2	823.990	-31.43	-13	Pass
824	829	0.05	CHP	/	/	/	/	/

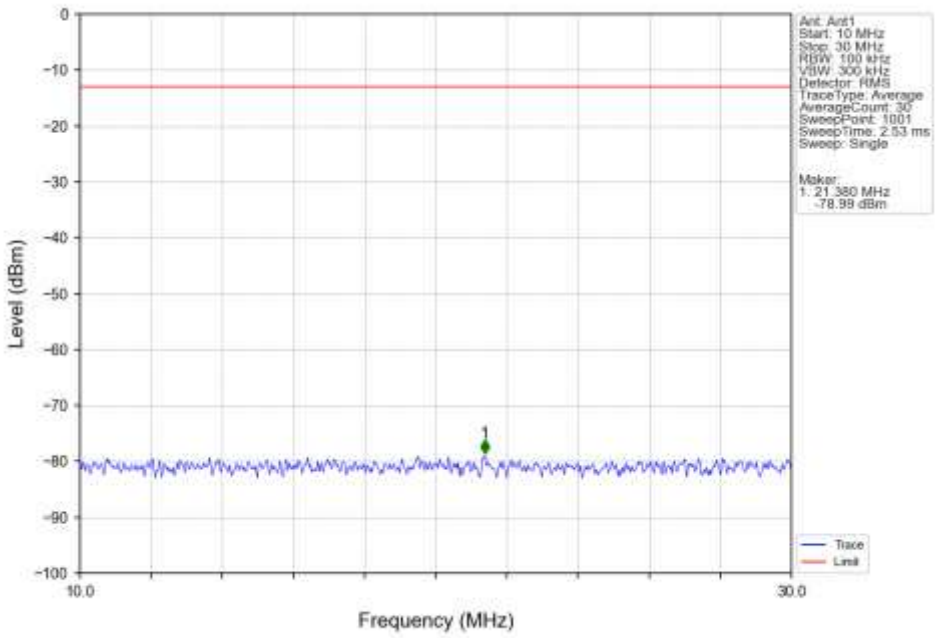
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



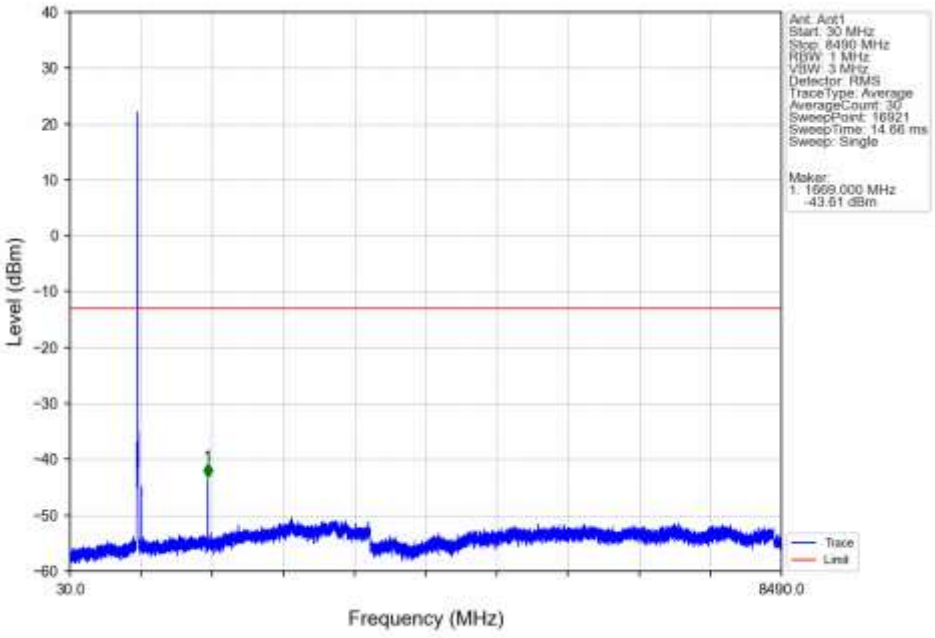
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



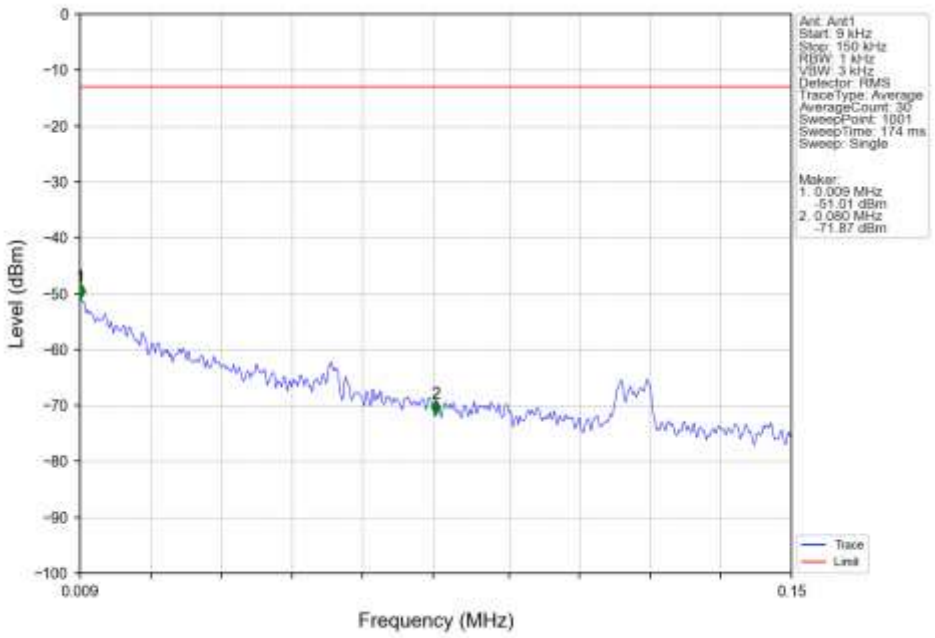
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



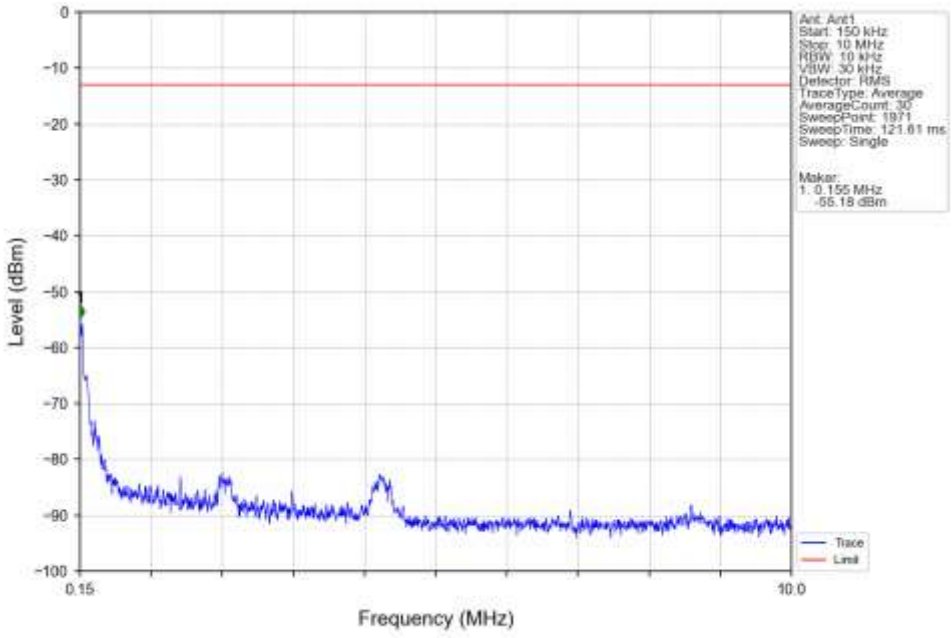
Band5_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



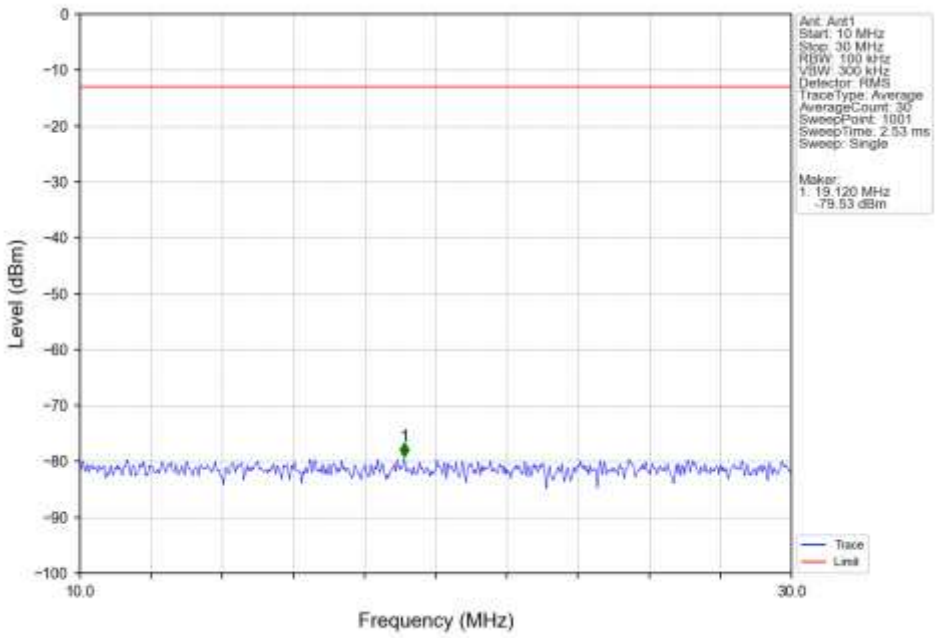
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



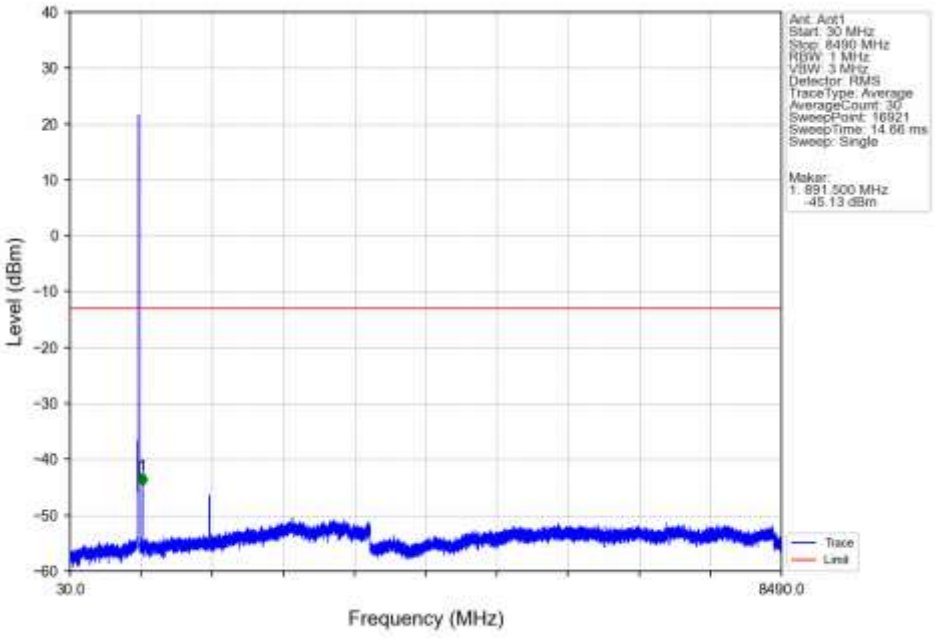
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



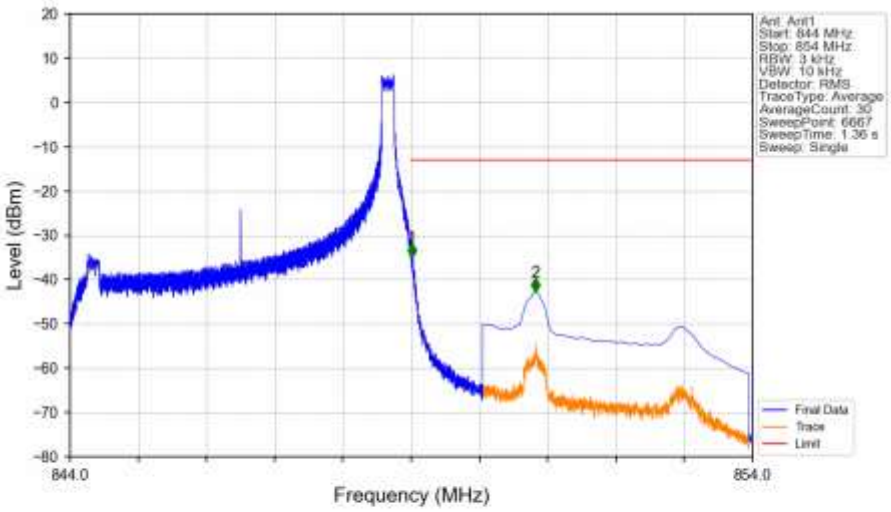
Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

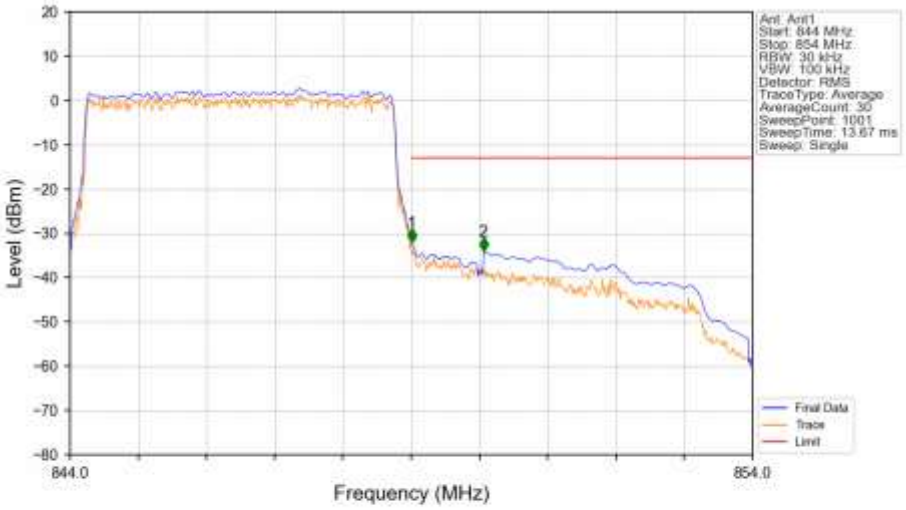


Band5_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



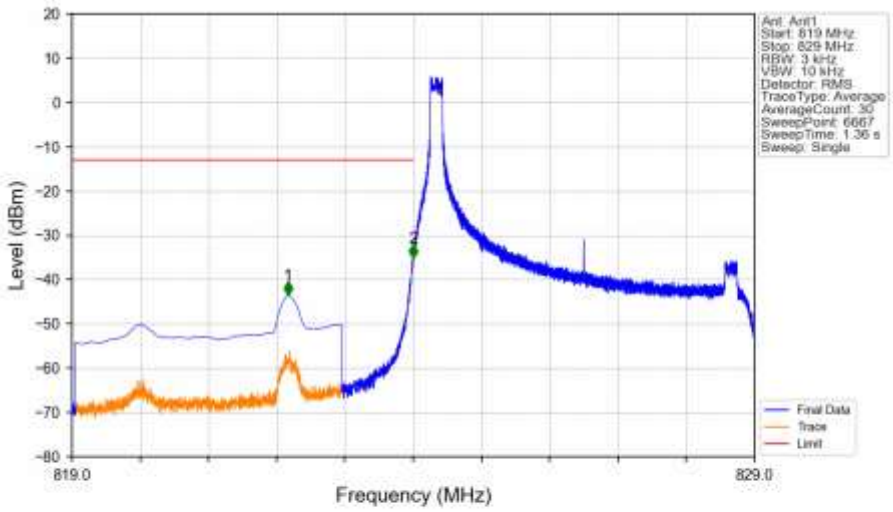
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.009	-34.89	-13	Pass
850	854	0.1	CHP	2	850.818	-42.85	-13	Pass

Band5_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



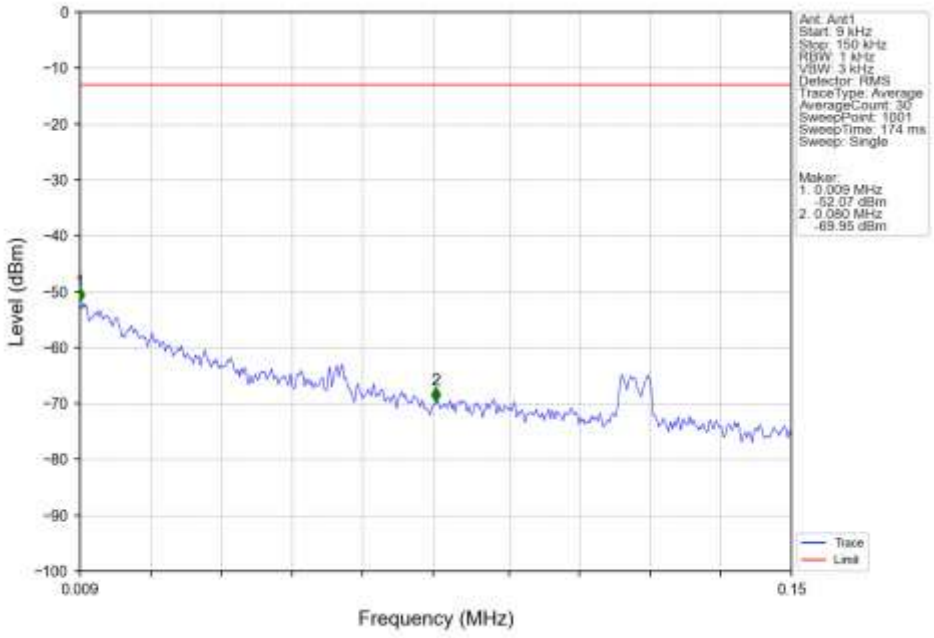
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	CHP	/	/	/	/	/
849	850	0.051	CHP	1	849.010	-32.01	-13	Pass
850	854	0.1	CHP	2	850.060	-34.07	-13	Pass

Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

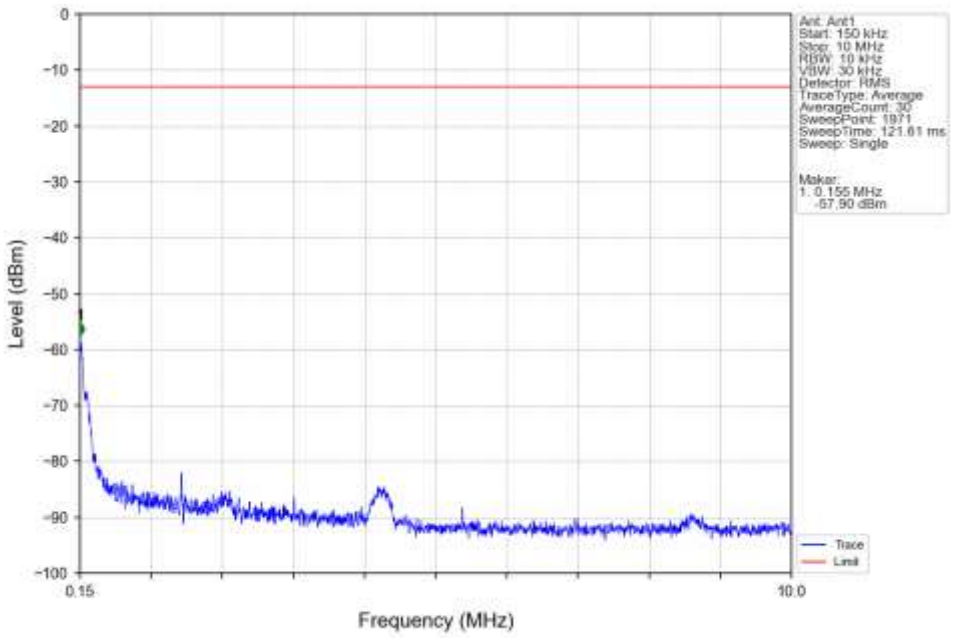


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.167	-43.53	-13	Pass
823	824	0.003	/	2	823.999	-35.12	-13	Pass
824	829	0.003	/	/	/	/	/	/

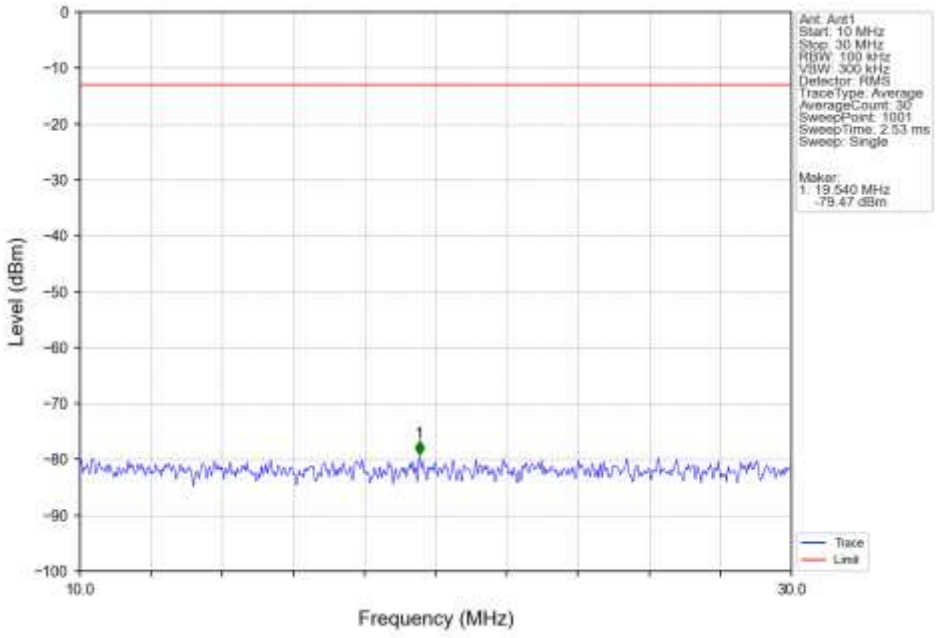
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



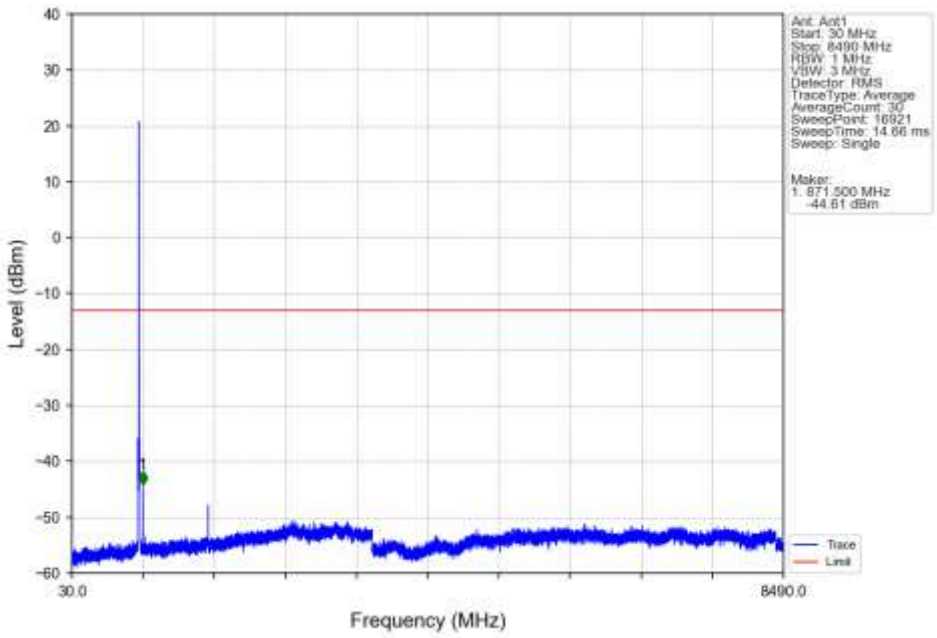
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



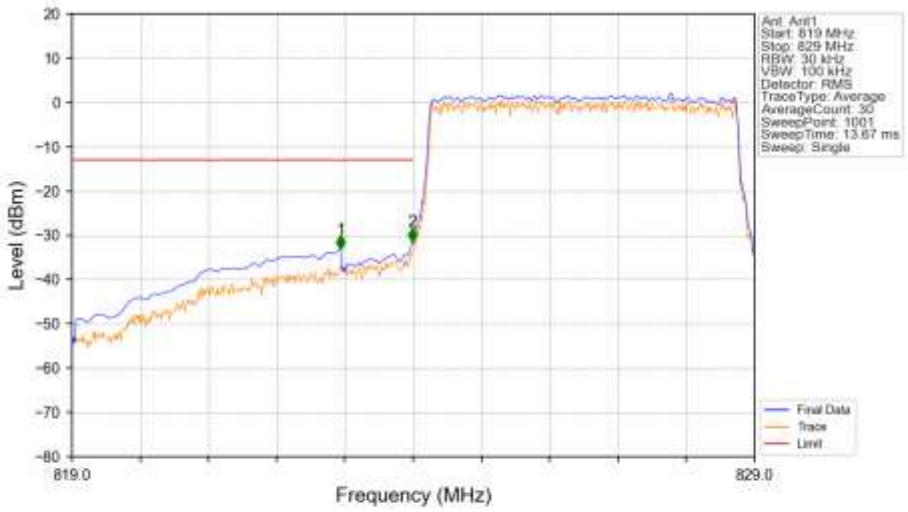
Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

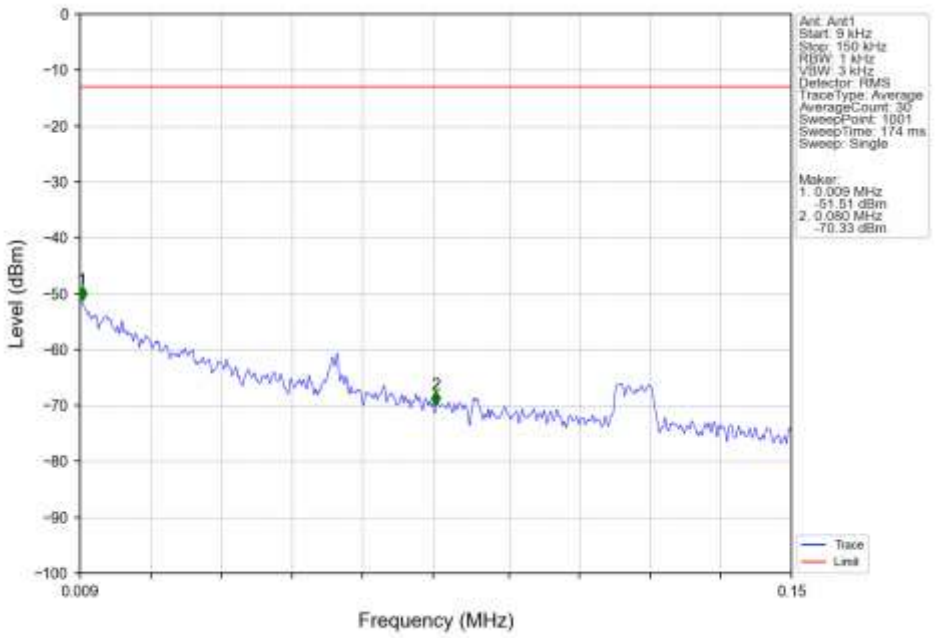


Band5_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

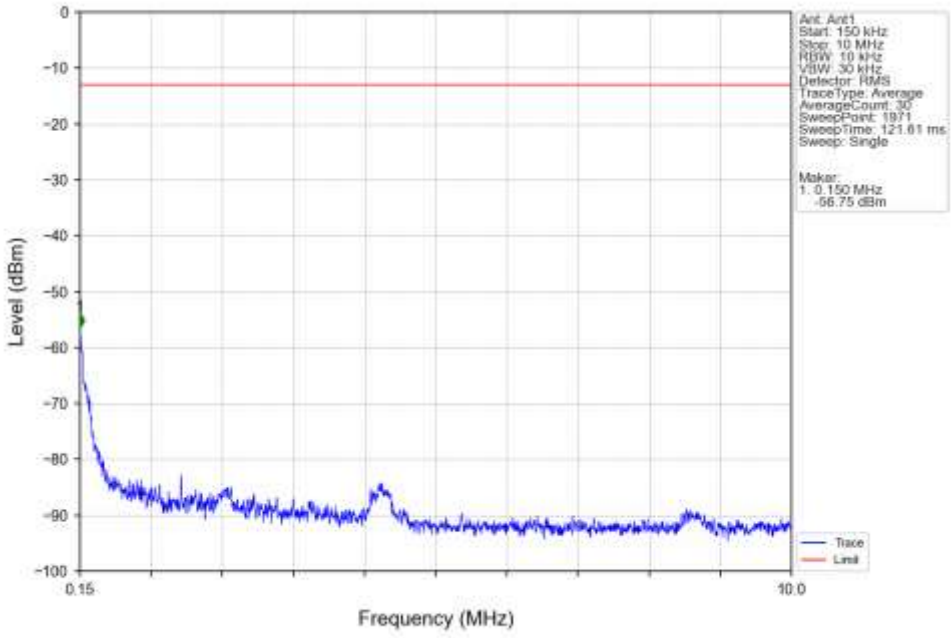


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.940	-33.13	-13	Pass
823	824	0.051	CHP	2	823.990	-31.40	-13	Pass
824	829	0.051	CHP	/	/	/	/	/

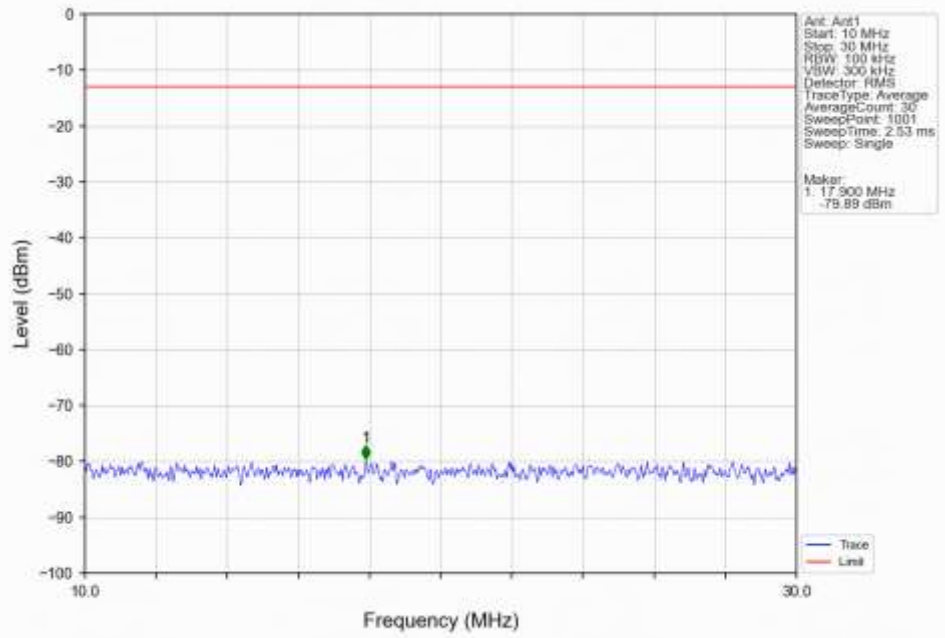
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



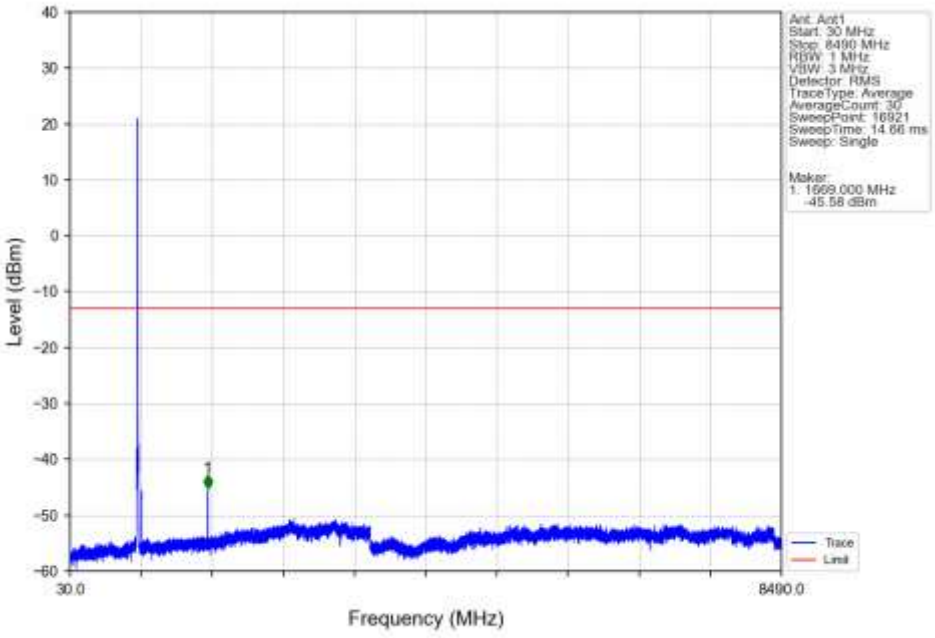
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



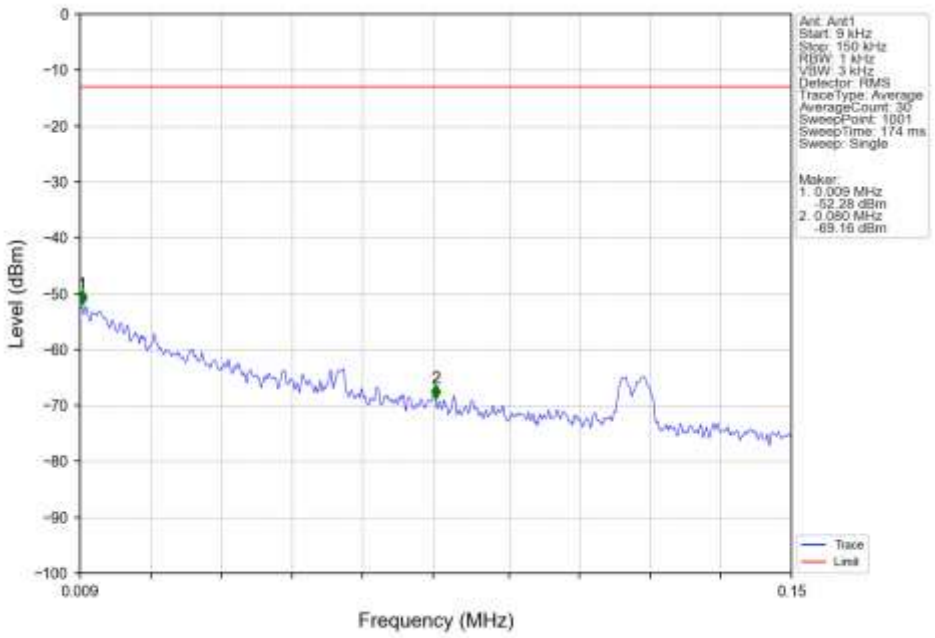
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



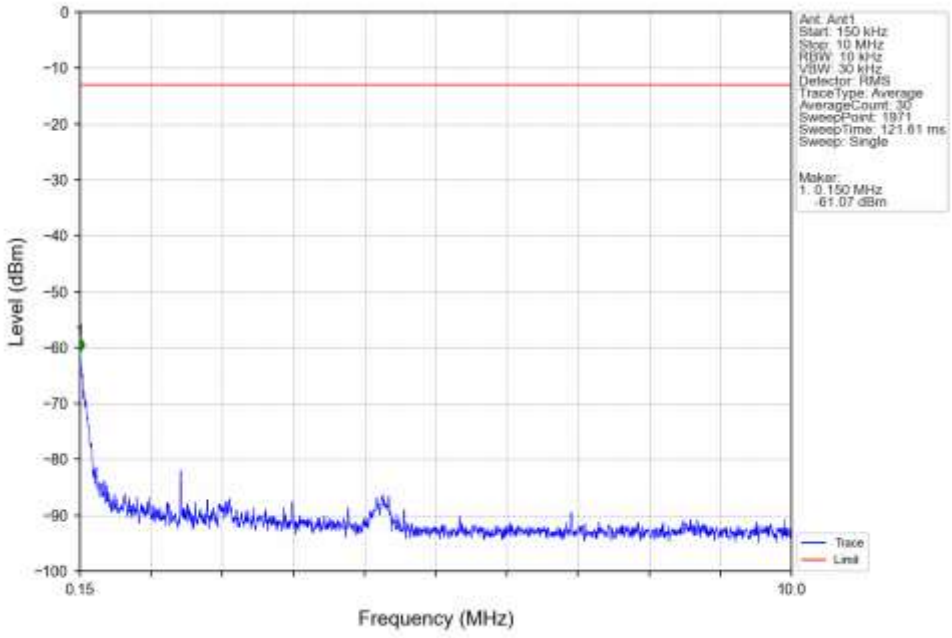
Band5_5MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



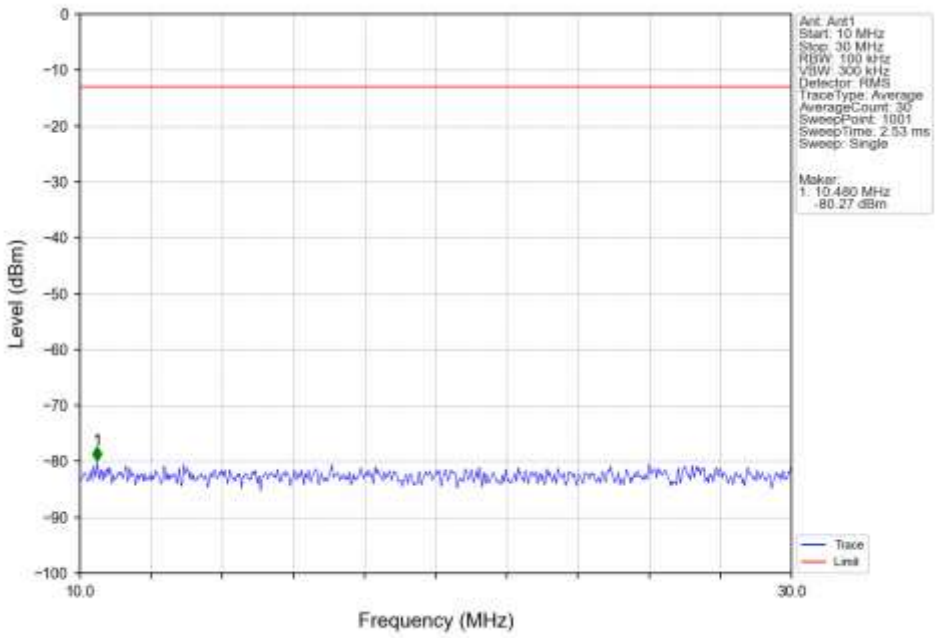
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



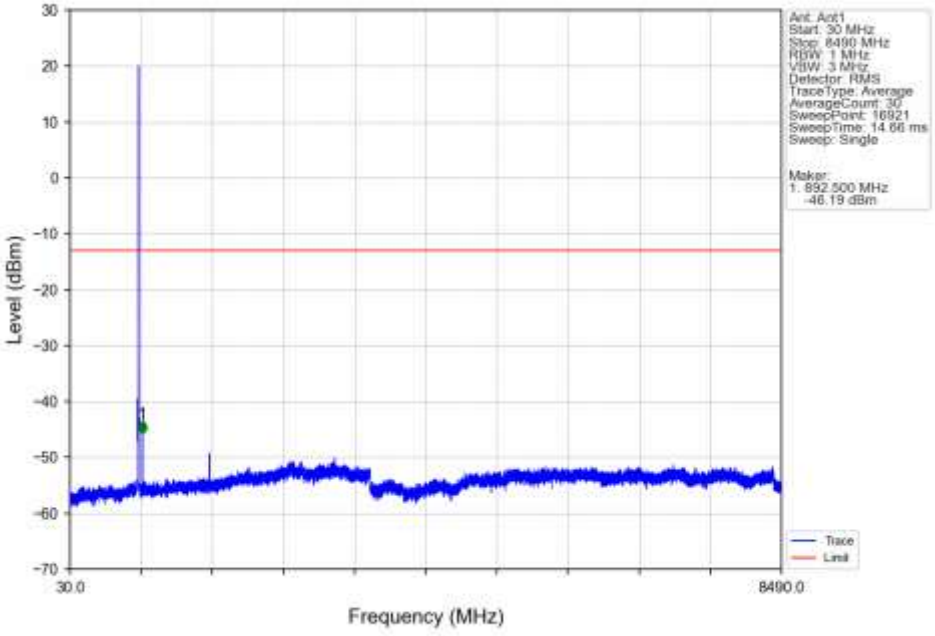
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



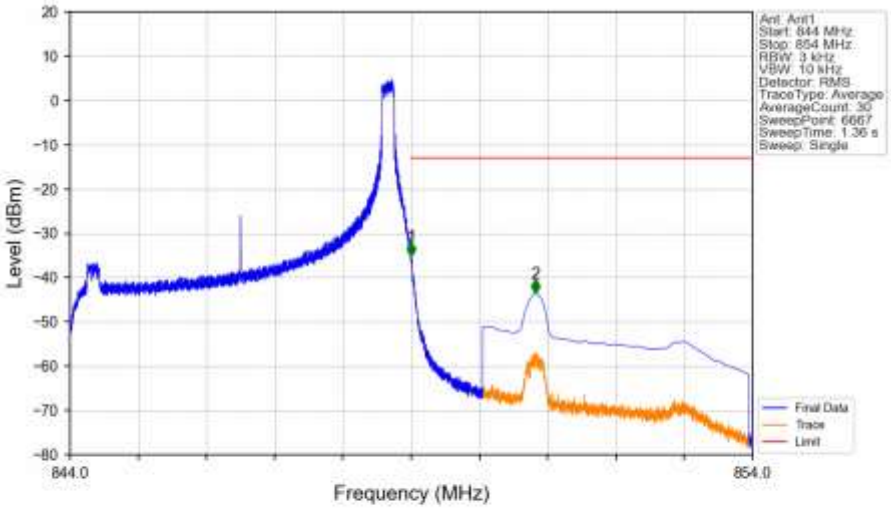
Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV

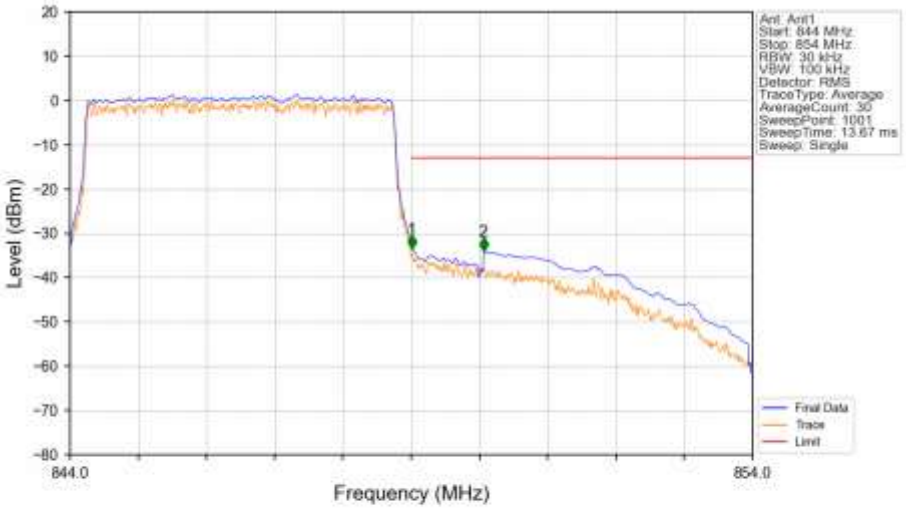


Band5_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-35.16	-13	Pass
850	854	0.1	CHP	2	850.818	-43.59	-13	Pass

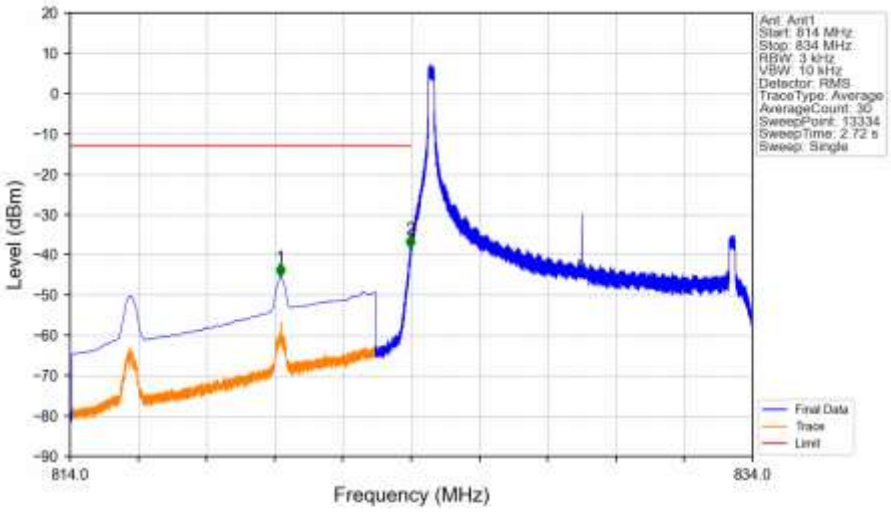
Band5_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	CHP	/	/	/	/	/
849	850	0.051	CHP	1	849.010	-33.48	-13	Pass
850	854	0.1	CHP	2	850.060	-34.08	-13	Pass

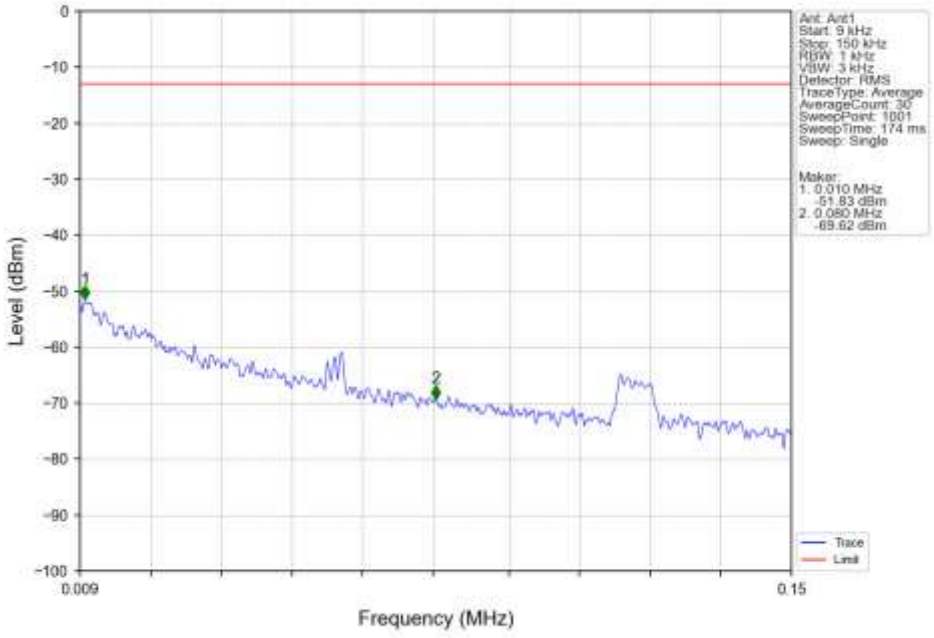
6.2.4 B5_10MHz

Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

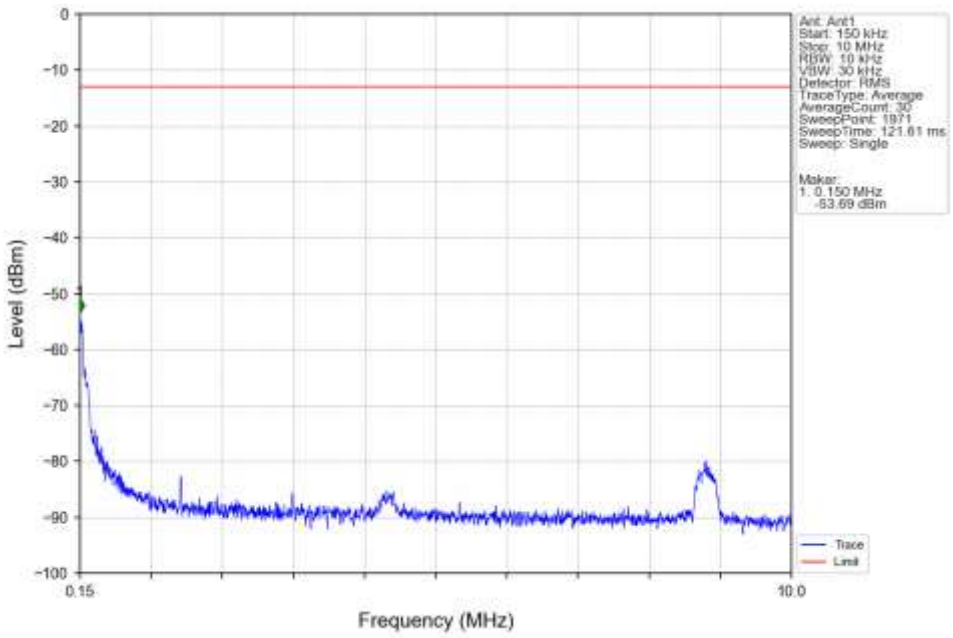


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	820.164	-45.55	-13	Pass
823	824	0.003	/	2	823.987	-38.46	-13	Pass
824	834	0.003	/	/	/	/	/	/

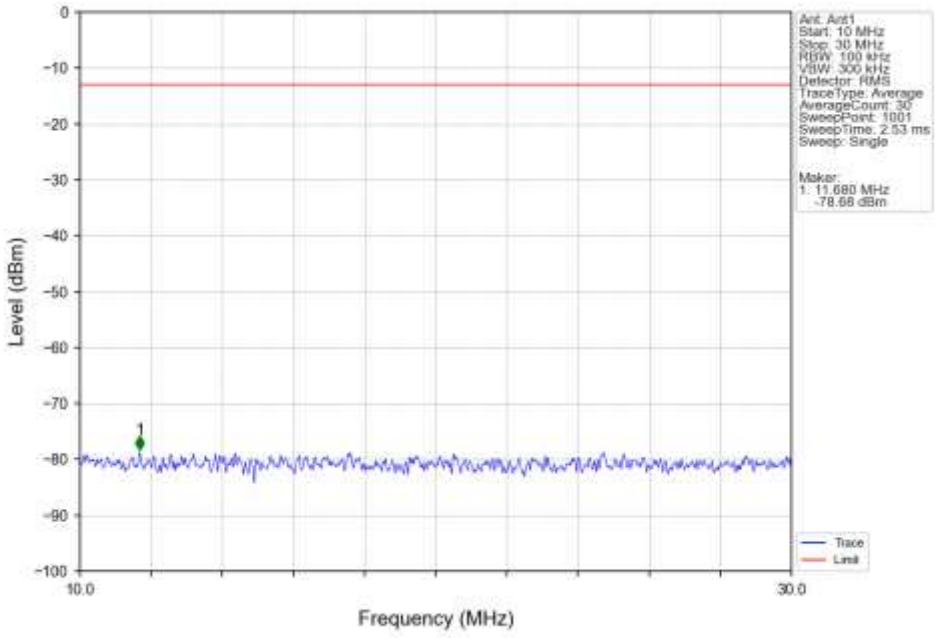
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



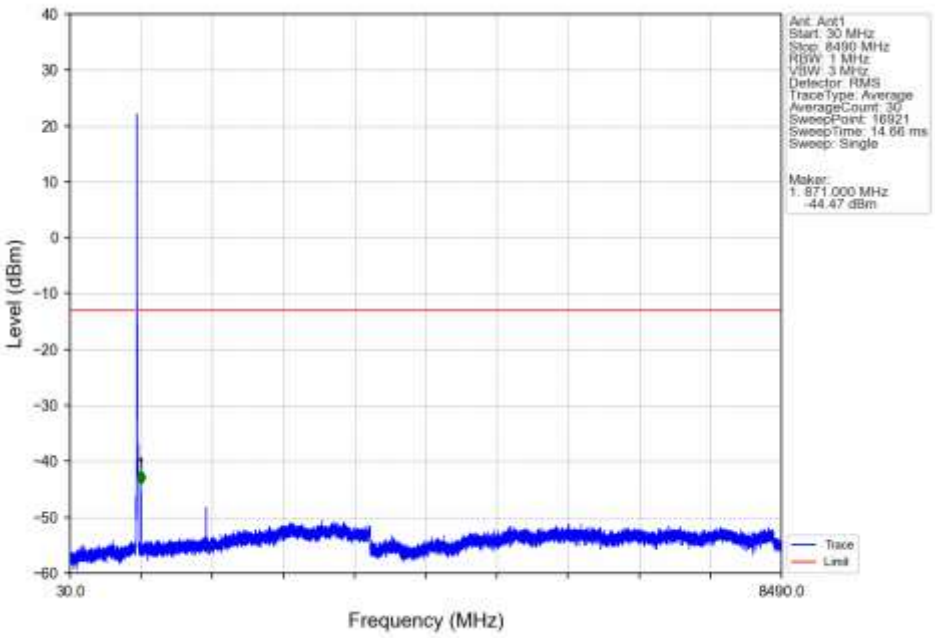
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



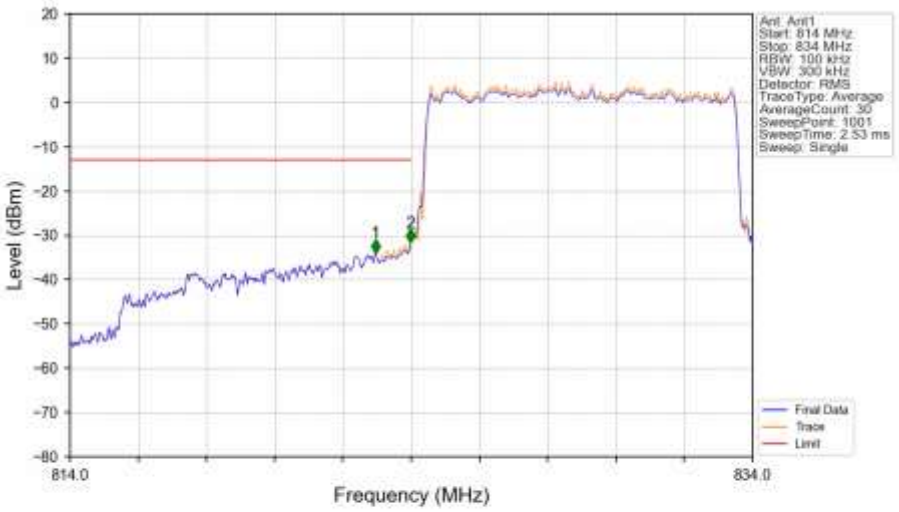
Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

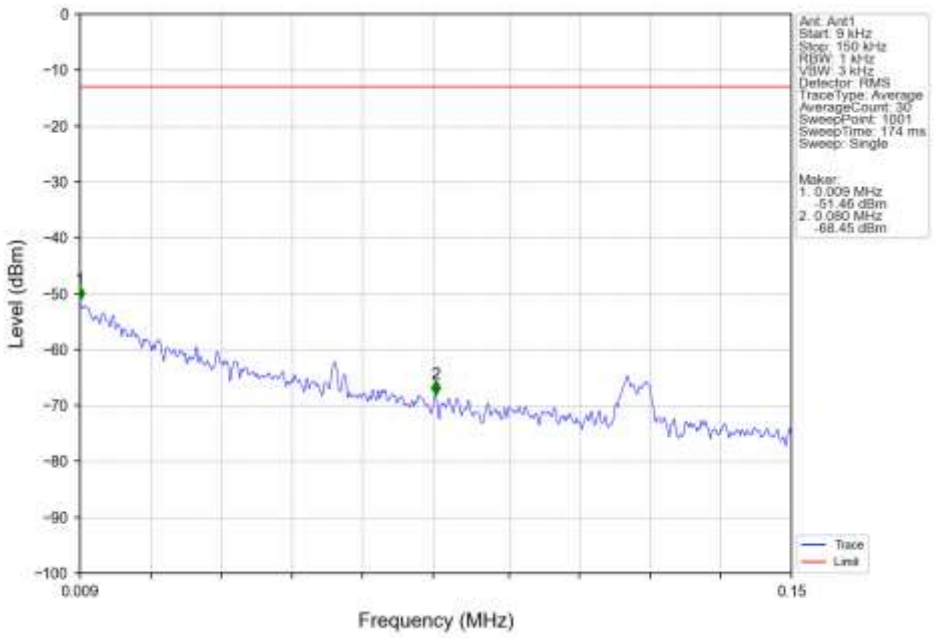


Band5_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV

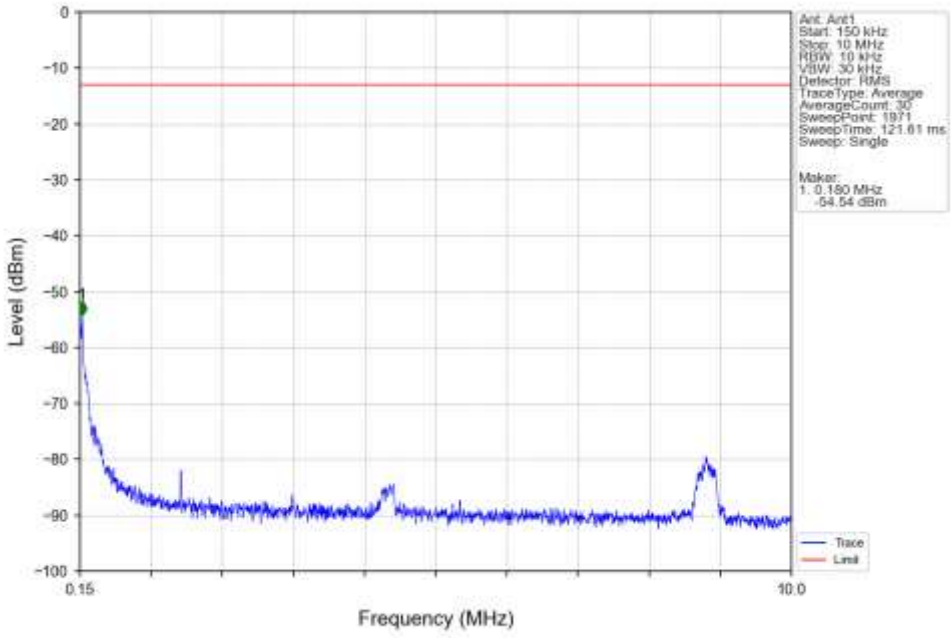


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.960	-33.95	-13	Pass
823	824	0.101	CHP	2	823.980	-31.73	-13	Pass
824	834	0.101	CHP	/	/	/	/	/

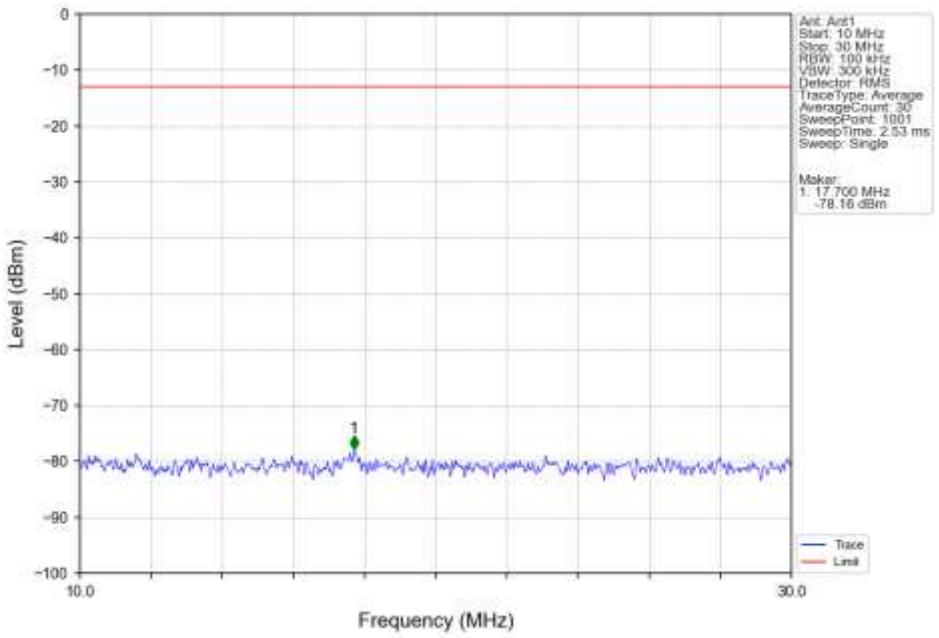
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



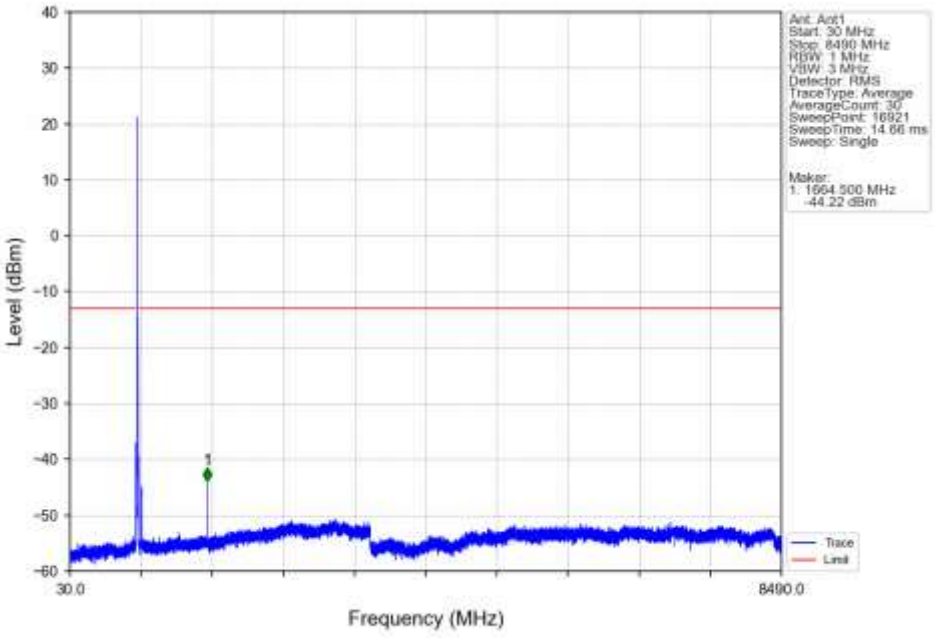
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



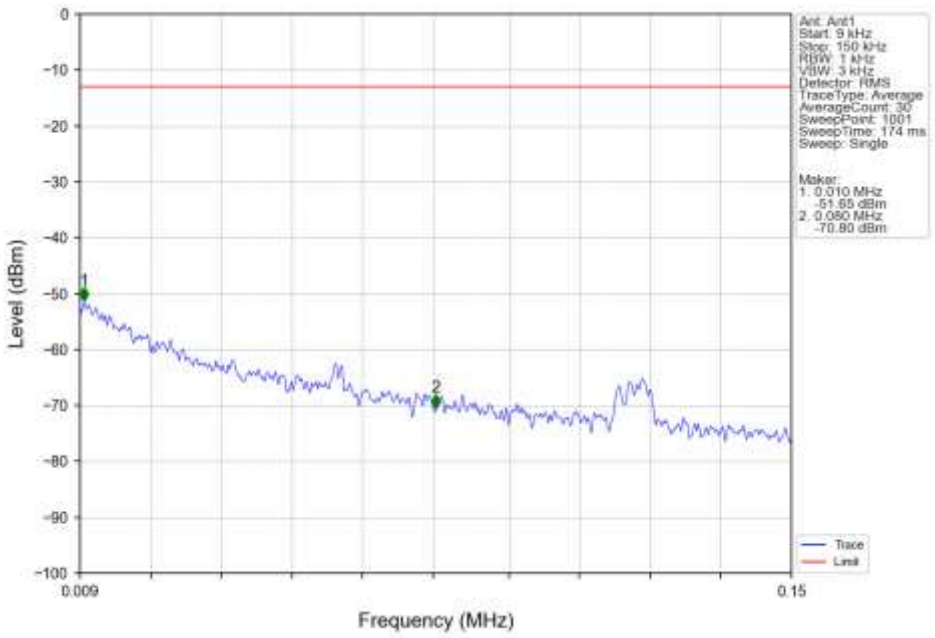
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



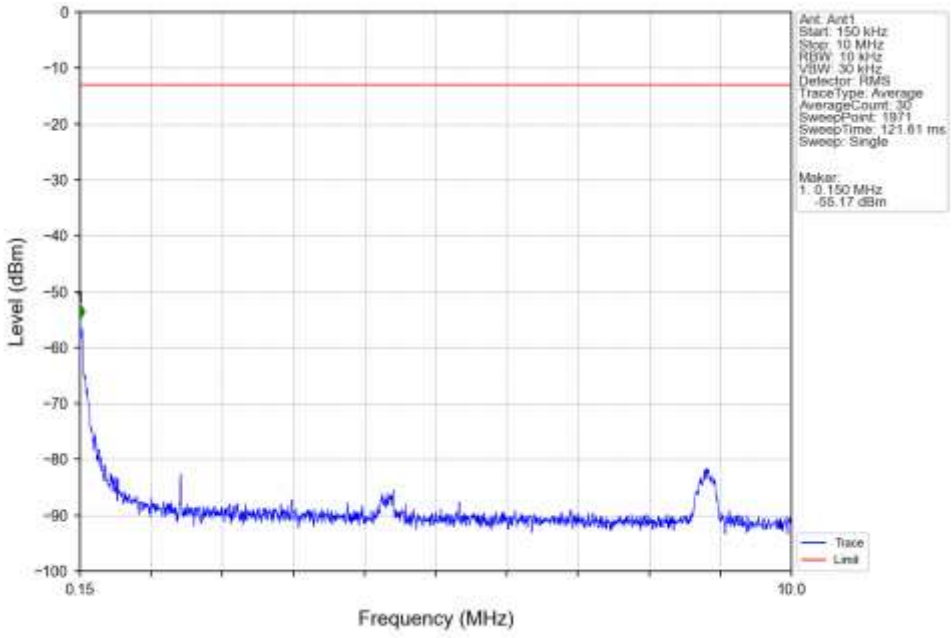
Band5_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



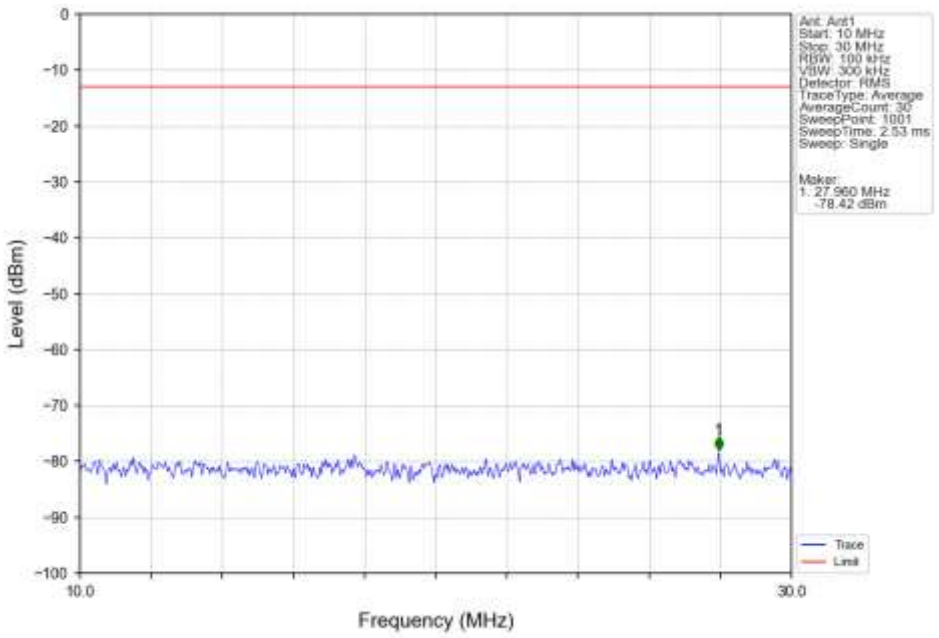
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



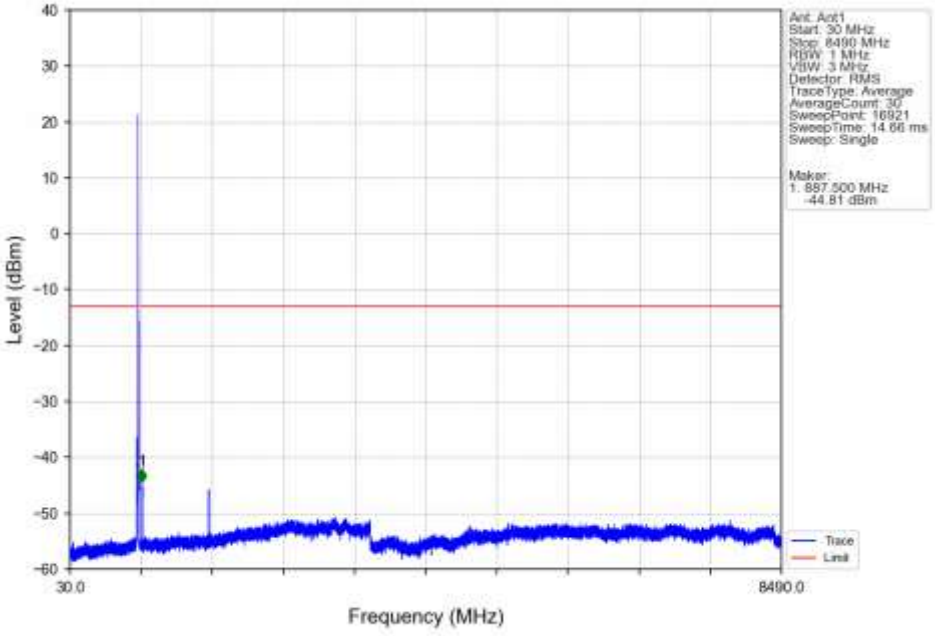
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



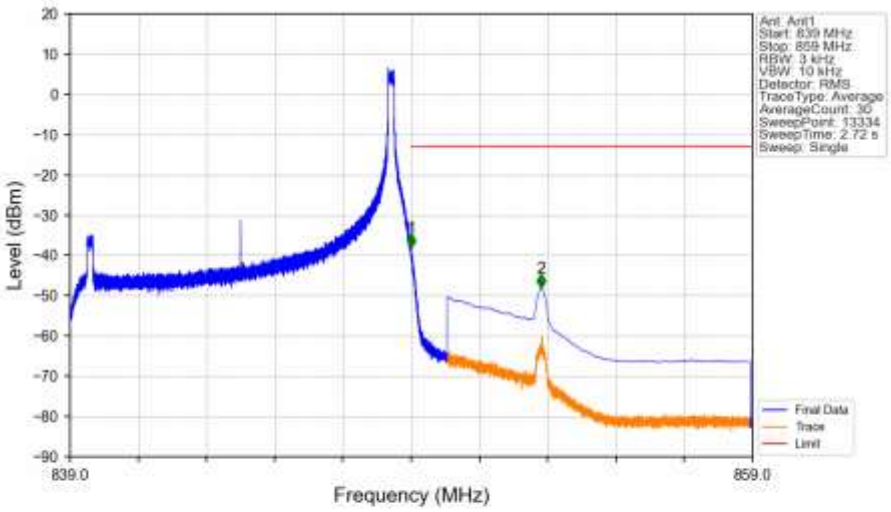
Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

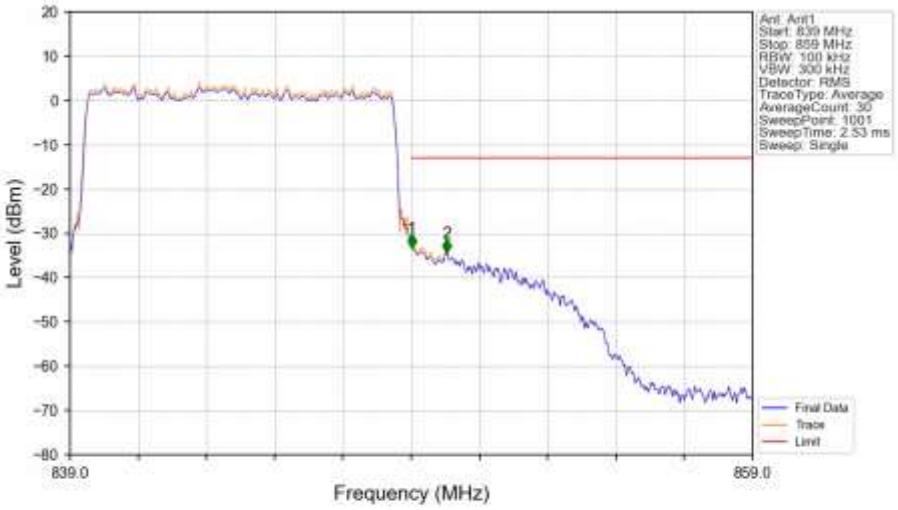


Band5_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



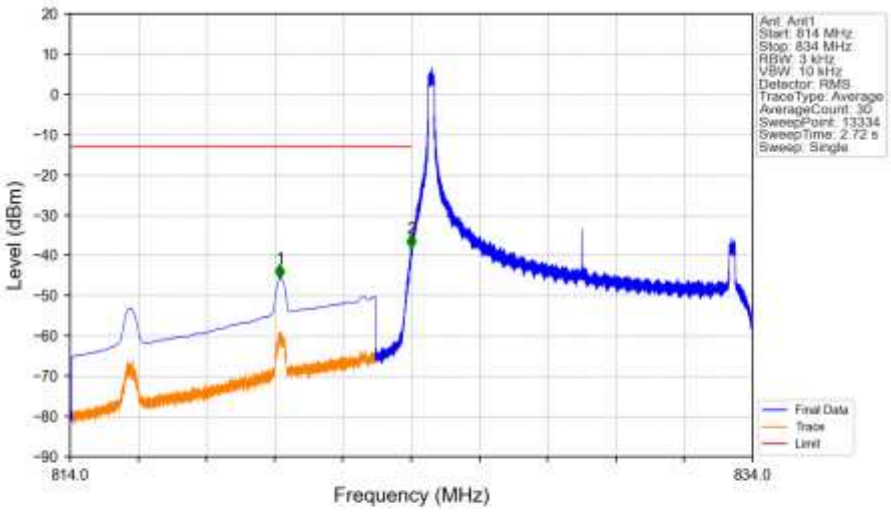
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.011	-38.14	-13	Pass
850	859	0.1	CHP	2	852.805	-48.04	-13	Pass

Band5_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



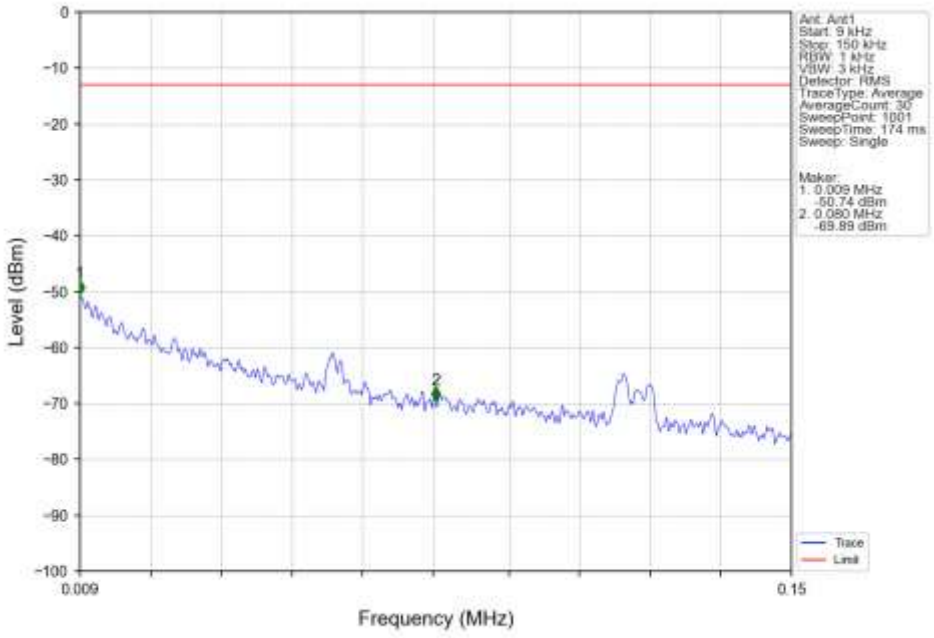
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.102	CHP	/	/	/	/	/
849	850	0.102	CHP	1	849.020	-33.37	-13	Pass
850	859	0.1	/	2	850.040	-34.33	-13	Pass

Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

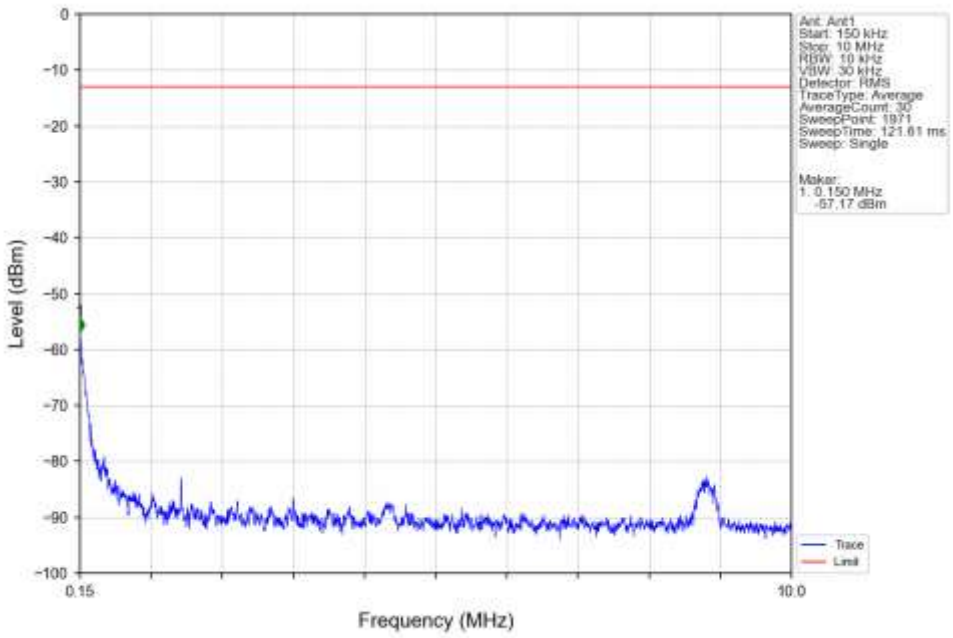


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	CHP	1	820.158	-45.62	-13	Pass
823	824	0.003	/	2	823.999	-38.33	-13	Pass
824	834	0.003	/	/	/	/	/	/

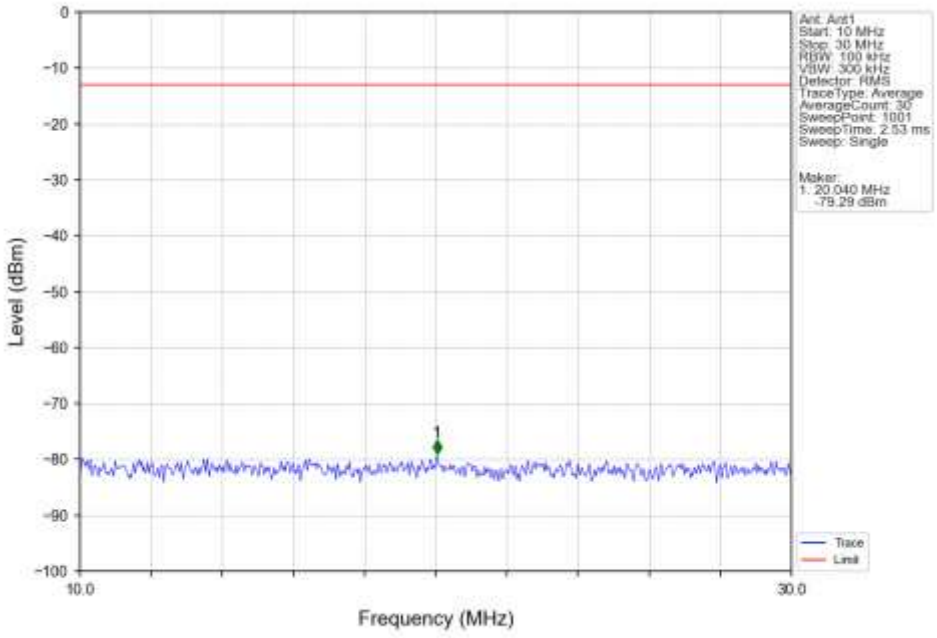
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



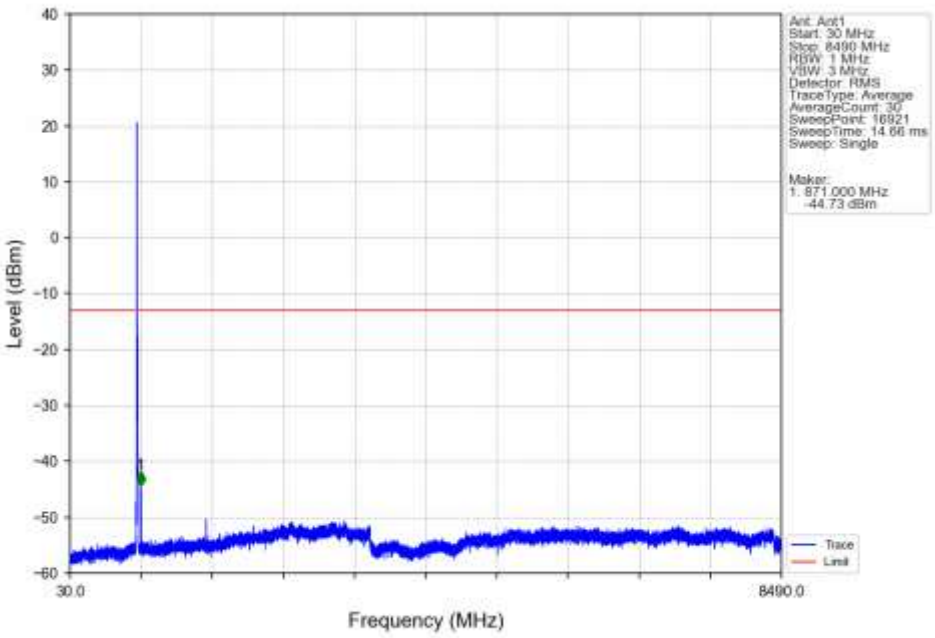
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



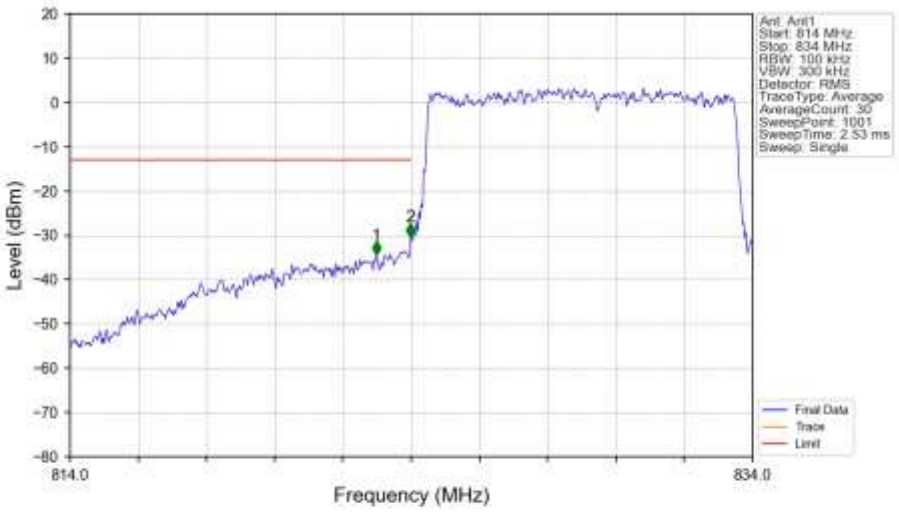
Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

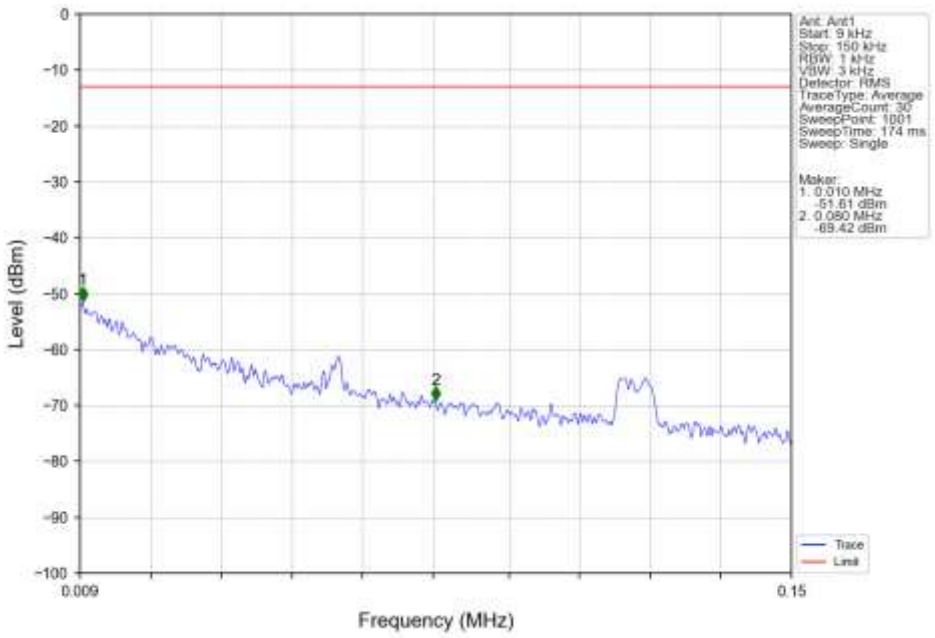


Band5_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

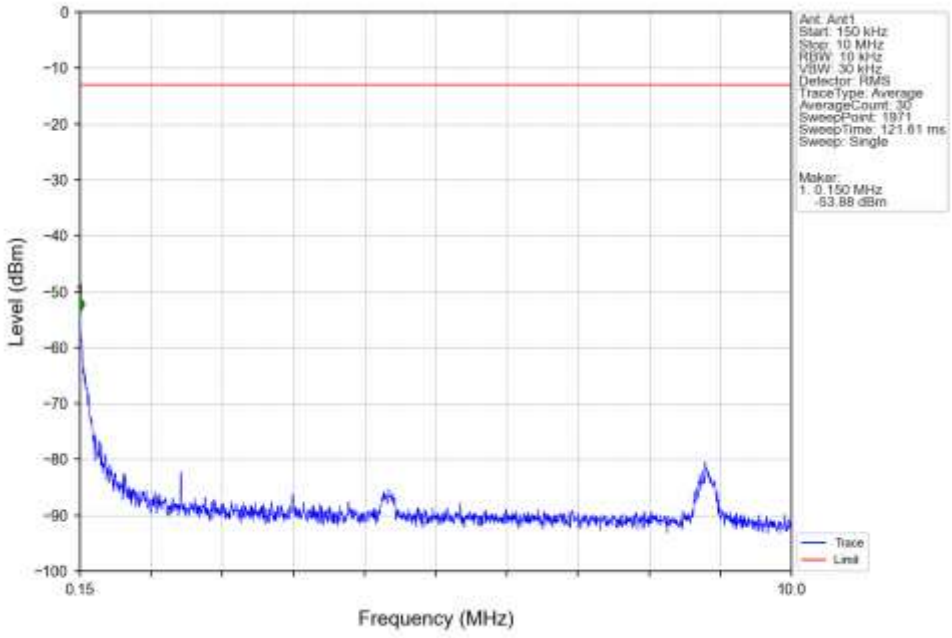


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	/	1	822.980	-34.45	-13	Pass
823	824	0.1	/	2	823.980	-30.31	-13	Pass
824	834	0.1	/	/	/	/	/	/

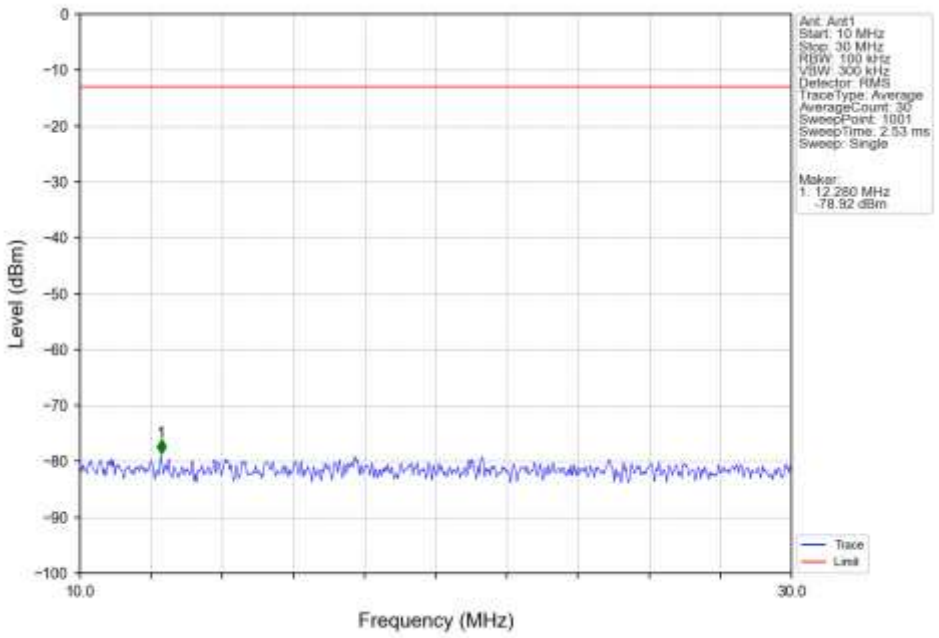
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



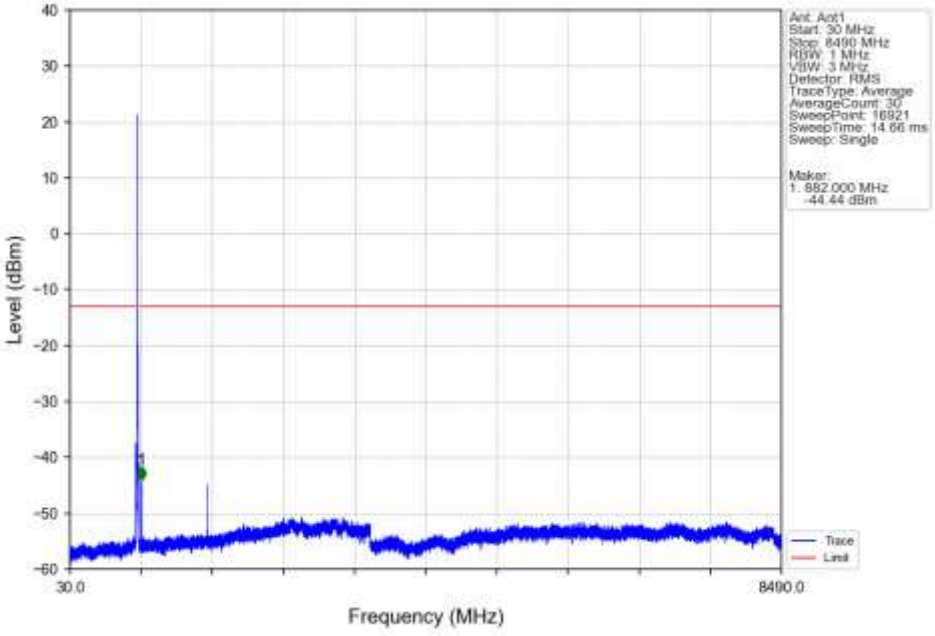
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



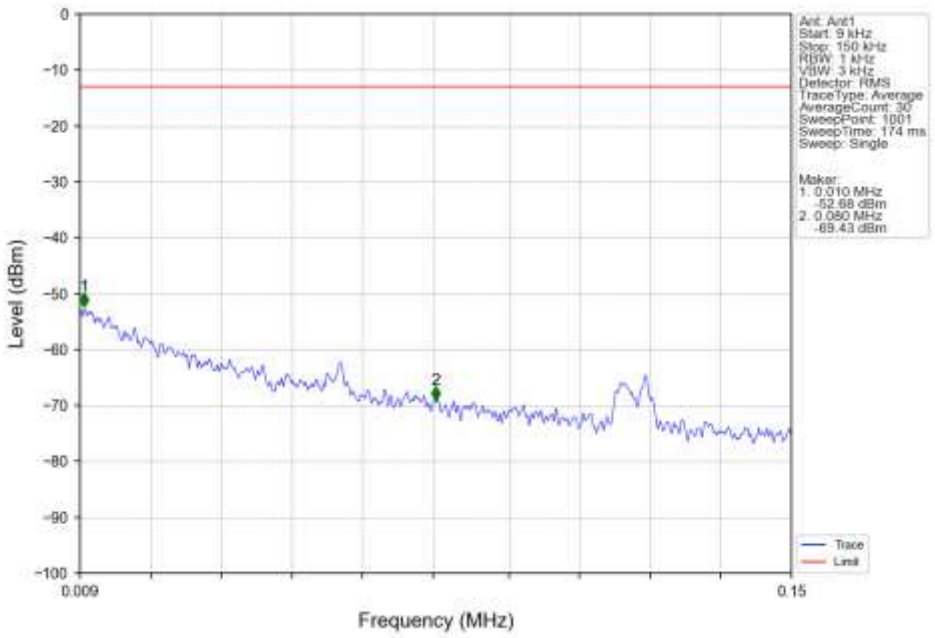
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



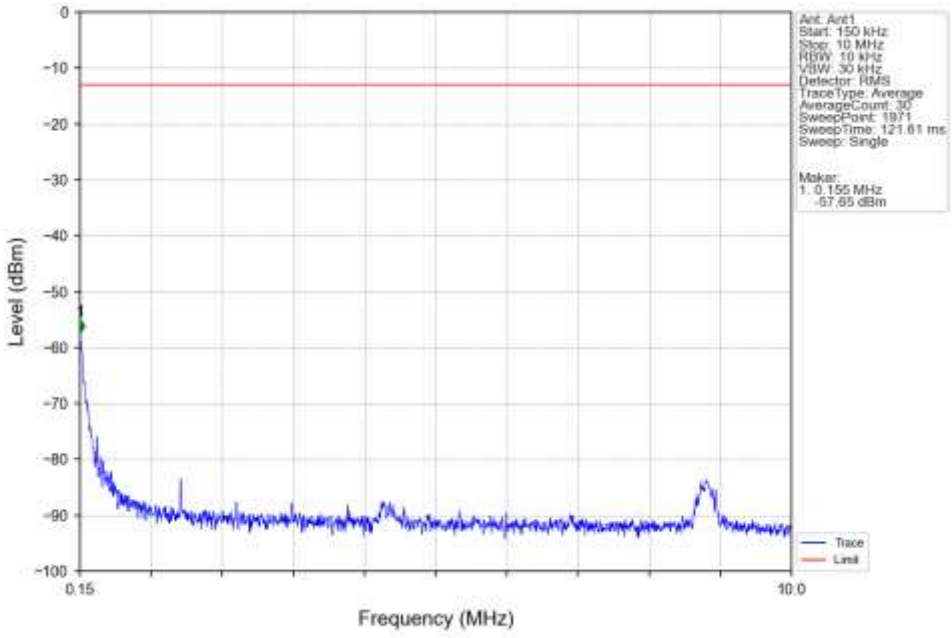
Band5_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



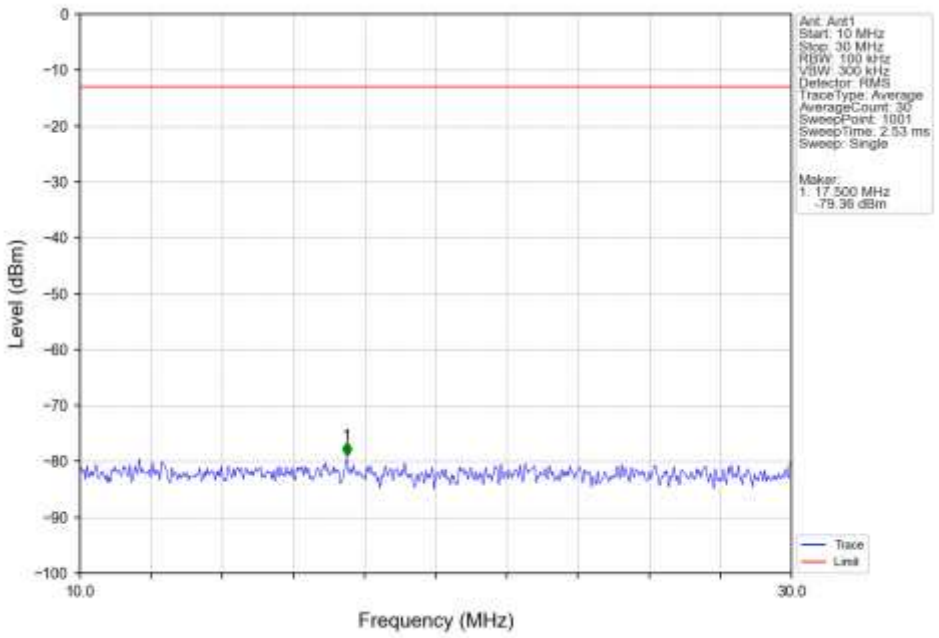
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



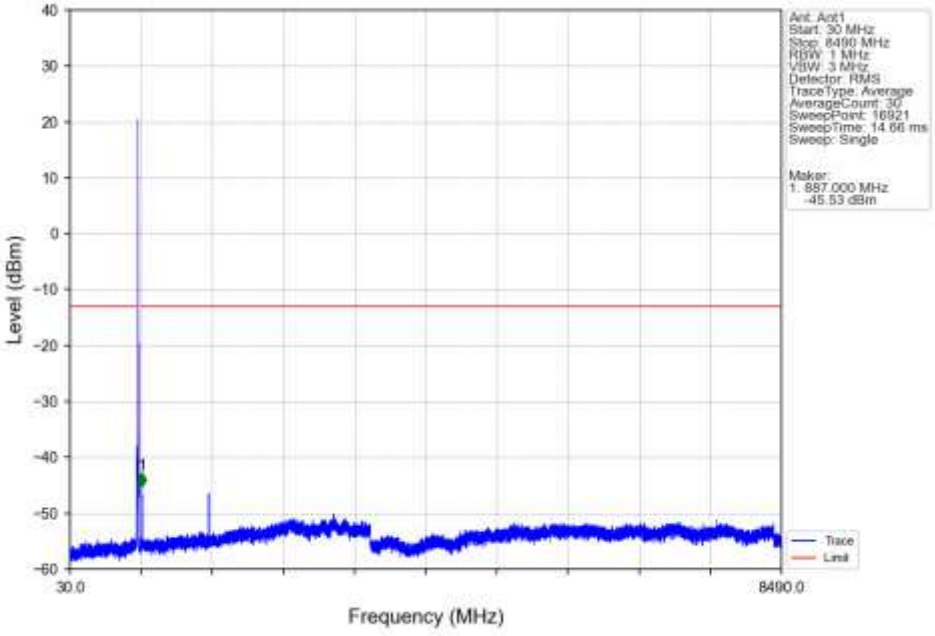
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



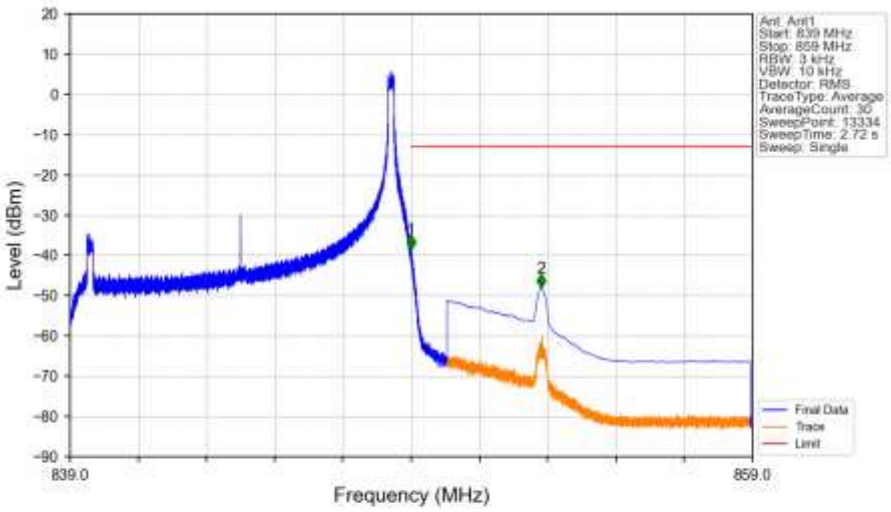
Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



Band5_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV

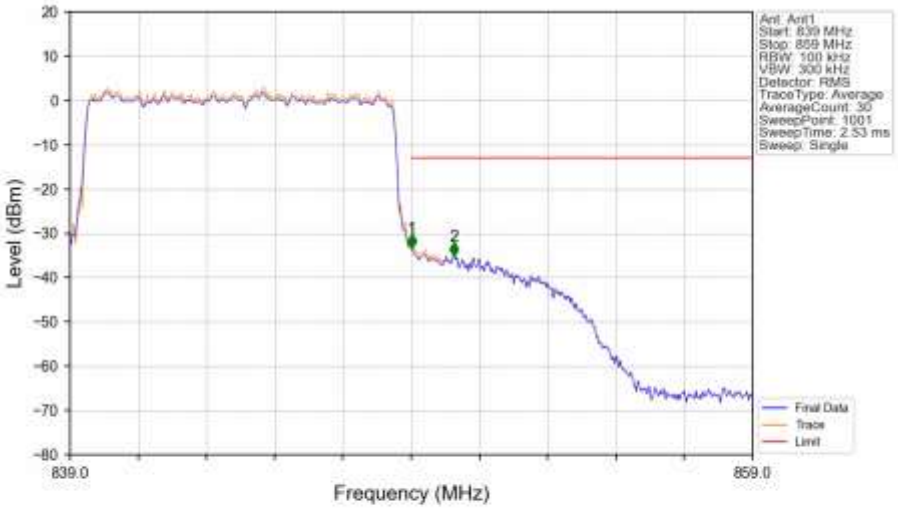


Band5_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.001	-38.39	-13	Pass
850	859	0.1	CHP	2	852.802	-48.11	-13	Pass

Band5_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.101	CHP	/	/	/	/	/
849	850	0.101	CHP	1	849.020	-33.33	-13	Pass
850	859	0.1	/	2	850.260	-35.17	-13	Pass

7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
5	1.4	824.7	848.3	0.1845	0.0020	ppm	1M11G7D	22H	22.66
5	1.4	824.7	848.3	0.1675	0.0030	ppm	1M11W7D	22H	22.24
5	3	825.5	847.5	0.1442	0.0013	ppm	2M73G7D	22H	21.59
5	3	825.5	847.5	0.1429	0.0018	ppm	2M72W7D	22H	21.55
5	5	826.5	846.5	0.1862	0.0016	ppm	4M57G7D	22H	22.70
5	5	826.5	846.5	0.1387	0.0021	ppm	4M57W7D	22H	21.42
5	10	829	844	0.1442	0.0016	ppm	9M09G7D	22H	21.59
5	10	829	844	0.1435	0.0016	ppm	9M07W7D	22H	21.57

7.1.2 Form731_ERP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
5	1.4	824.7	848.3	0.0802	0.0020	ppm	1M11G7D	22H	19.04
5	1.4	824.7	848.3	0.0728	0.0030	ppm	1M11W7D	22H	18.62
5	3	825.5	847.5	0.0627	0.0013	ppm	2M73G7D	22H	17.97
5	3	825.5	847.5	0.0621	0.0018	ppm	2M72W7D	22H	17.93
5	5	826.5	846.5	0.0809	0.0016	ppm	4M57G7D	22H	19.08
5	5	826.5	846.5	0.0603	0.0021	ppm	4M57W7D	22H	17.80
5	10	829	844	0.0627	0.0016	ppm	9M09G7D	22H	17.97
5	10	829	844	0.0624	0.0016	ppm	9M07W7D	22H	17.95