1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B40b_5MHz_EIRP

Band: 40b / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2352.5	1	0	20.14	1.75	21.89	<=23.98	Pass
			13	20.19	1.75	21.94	<=23.98	Pass
			24	20.24	1.75	21.99	<=23.98	Pass
		12	0	18.88	1.75	20.63	<=23.98	Pass
			6	19.02	1.75	20.77	<=23.98	Pass
			13	19.07	1.75	20.82	<=23.98	Pass
		25	0	18.87	1.75	20.62	<=23.98	Pass
	2355	1	0	19.93	1.75	21.68	<=23.98	Pass
			13	20.24	1.75	21.99	<=23.98	Pass
			24	20.15	1.75	21.90	<=23.98	Pass
		12	0	18.84	1.75	20.59	<=23.98	Pass
			6	18.89	1.75	20.64	<=23.98	Pass
			13	18.84	1.75	20.59	<=23.98	Pass
		25	0	18.98	1.75	20.73	<=23.98	Pass
	2357.5	1	0	19.96	1.75	21.71	<=23.98	Pass
			13	20.01	1.75	21.76	<=23.98	Pass
			24	20.05	1.75	21.80	<=23.98	Pass
		12	0	18.82	1.75	20.57	<=23.98	Pass
			6	18.90	1.75	20.65	<=23.98	Pass
			13	18.82	1.75	20.57	<=23.98	Pass
		25	0	18.78	1.75	20.53	<=23.98	Pass
16QAM	2352.5	1	0	19.04	1.75	20.79	<=23.98	Pass
			13	19.08	1.75	20.83	<=23.98	Pass
			24	18.89	1.75	20.64	<=23.98	Pass
		12	0	18.39	1.75	20.14	<=23.98	Pass
			6	18.69	1.75	20.44	<=23.98	Pass
			13	18.38	1.75	20.13	<=23.98	Pass
		25	0	18.27	1.75	20.02	<=23.98	Pass
	2355	1	0	18.90	1.75	20.65	<=23.98	Pass
			13	18.92	1.75	20.67	<=23.98	Pass
			24	18.77	1.75	20.52	<=23.98	Pass
		12	0	18.35	1.75	20.10	<=23.98	Pass
			6	18.26	1.75	20.01	<=23.98	Pass
			13	18.38	1.75	20.13	<=23.98	Pass
		25	0	18.22	1.75	19.97	<=23.98	Pass
	2357.5	1	0	18.56	1.75	20.31	<=23.98	Pass
			13	18.89	1.75	20.64	<=23.98	Pass
			24	18.84	1.75	20.59	<=23.98	Pass
		12	0	18.46	1.75	20.21	<=23.98	Pass
			6	18.16	1.75	19.91	<=23.98	Pass
			13	18.28	1.75	20.03	<=23.98	Pass
		25	0	17.97	1.75	19.72	<=23.98	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B40b_10MHz_EIRP

Band: 40b / Bandwidth: 10MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2355	1	0	21.08	1.75	22.83	<=23.98	Pass
			25	21.33	1.75	23.08	<=23.98	Pass
			49	20.40	1.75	22.15	<=23.98	Pass
		25	0	19.93	1.75	21.68	<=23.98	Pass
			13	20.02	1.75	21.77	<=23.98	Pass
			25	18.96	1.75	20.71	<=23.98	Pass
		50	0	19.05	1.75	20.80	<=23.98	Pass
16QAM	2355	1	0	18.73	1.75	20.48	<=23.98	Pass
			25	19.27	1.75	21.02	<=23.98	Pass
			49	19.43	1.75	21.18	<=23.98	Pass
		25	0	18.37	1.75	20.12	<=23.98	Pass
			13	18.17	1.75	19.92	<=23.98	Pass
			25	19.24	1.75	20.99	<=23.98	Pass
		50	0	19.09	1.75	20.84	<=23.98	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B40b_5MHz

Band: 40b / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2352.5	25	0	20	3.27	0.486	0.0002	-2.5 to 2.5	Pass
					3.85	1.917	0.0008	-2.5 to 2.5	Pass
					4.43	4.606	0.0020	-2.5 to 2.5	Pass
				-30	3.85	2.933	0.0012	-2.5 to 2.5	Pass
				-20	3.85	2.446	0.0010	-2.5 to 2.5	Pass
				-10	3.85	3.805	0.0016	-2.5 to 2.5	Pass
				0	3.85	3.061	0.0013	-2.5 to 2.5	Pass
				10	3.85	3.190	0.0014	-2.5 to 2.5	Pass
				30	3.85	2.933	0.0012	-2.5 to 2.5	Pass
				40	3.85	2.732	0.0012	-2.5 to 2.5	Pass
				50	3.85	4.992	0.0021	-2.5 to 2.5	Pass
	2355	25	0	20	3.27	2.346	0.0010	-2.5 to 2.5	Pass
					3.85	1.302	0.0006	-2.5 to 2.5	Pass
					4.43	1.917	0.0008	-2.5 to 2.5	Pass
				-30	3.85	4.191	0.0018	-2.5 to 2.5	Pass
				-20	3.85	3.362	0.0014	-2.5 to 2.5	Pass
				-10	3.85	0.787	0.0003	-2.5 to 2.5	Pass
				0	3.85	4.435	0.0019	-2.5 to 2.5	Pass
				10	3.85	3.347	0.0014	-2.5 to 2.5	Pass
				30	3.85	4.506	0.0019	-2.5 to 2.5	Pass
				40	3.85	0.815	0.0003	-2.5 to 2.5	Pass
				50	3.85	1.945	0.0008	-2.5 to 2.5	Pass
	2357.5	25	0	20	3.27	0.443	0.0002	-2.5 to 2.5	Pass
					3.85	3.891	0.0017	-2.5 to 2.5	Pass
					4.43	2.918	0.0012	-2.5 to 2.5	Pass
				-30	3.85	2.546	0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.116	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.958	0.0004	-2.5 to 2.5	Pass
				0	3.85	2.303	0.0010	-2.5 to 2.5	Pass

				10	3.85	2.246	0.0010	-2.5 to 2.5	Pass
				30	3.85	0.944	0.0004	-2.5 to 2.5	Pass
				40	3.85	3.190	0.0014	-2.5 to 2.5	Pass
				50	3.85	4.349	0.0018	-2.5 to 2.5	Pass
16QAM	2352.5	25	0	20	3.27	4.678	0.0020	-2.5 to 2.5	Pass
					3.85	-1.345	-0.0006	-2.5 to 2.5	Pass
					4.43	1.402	0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.831	0.0008	-2.5 to 2.5	Pass
				-20	3.85	3.734	0.0016	-2.5 to 2.5	Pass
				-10	3.85	3.304	0.0014	-2.5 to 2.5	Pass
				0	3.85	2.246	0.0010	-2.5 to 2.5	Pass
				10	3.85	1.717	0.0007	-2.5 to 2.5	Pass
				30	3.85	4.220	0.0018	-2.5 to 2.5	Pass
				40	3.85	2.503	0.0011	-2.5 to 2.5	Pass
				50	3.85	2.861	0.0012	-2.5 to 2.5	Pass
	2355	25	0	20	3.27	2.117	0.0009	-2.5 to 2.5	Pass
					3.85	3.004	0.0013	-2.5 to 2.5	Pass
					4.43	4.735	0.0020	-2.5 to 2.5	Pass
				-30	3.85	2.317	0.0010	-2.5 to 2.5	Pass
				-20	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				-10	3.85	2.804	0.0012	-2.5 to 2.5	Pass
				0	3.85	1.202	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.688	0.0007	-2.5 to 2.5	Pass
				30	3.85	2.761	0.0012	-2.5 to 2.5	Pass
				40	3.85	0.315	0.0001	-2.5 to 2.5	Pass
				50	3.85	2.060	0.0009	-2.5 to 2.5	Pass
	2357.5	25	0	20	3.27	-0.429	-0.0002	-2.5 to 2.5	Pass
					3.85	1.645	0.0007	-2.5 to 2.5	Pass
					4.43	2.346	0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.930	0.0004	-2.5 to 2.5	Pass
				-20	3.85	2.403	0.0010	-2.5 to 2.5	Pass
				-10	3.85	1.645	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.844	0.0004	-2.5 to 2.5	Pass
				10	3.85	2.375	0.0010	-2.5 to 2.5	Pass
				30	3.85	3.276	0.0014	-2.5 to 2.5	Pass
				40	3.85	2.260	0.0010	-2.5 to 2.5	Pass
				50	3.85	2.646	0.0011	-2.5 to 2.5	Pass

2.1.2 B40b_10MHz

Band: 40b / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2355	50	0	20	3.27	3.505	0.0015	-2.5 to 2.5	Pass
					3.85	3.219	0.0014	-2.5 to 2.5	Pass
					4.43	3.862	0.0016	-2.5 to 2.5	Pass
				-30	3.85	3.262	0.0014	-2.5 to 2.5	Pass
				-20	3.85	4.649	0.0020	-2.5 to 2.5	Pass
				-10	3.85	3.576	0.0015	-2.5 to 2.5	Pass
				0	3.85	2.203	0.0009	-2.5 to 2.5	Pass
				10	3.85	2.704	0.0011	-2.5 to 2.5	Pass
				30	3.85	2.089	0.0009	-2.5 to 2.5	Pass
				40	3.85	3.633	0.0015	-2.5 to 2.5	Pass
				50	3.85	3.705	0.0016	-2.5 to 2.5	Pass
16QAM	2355	50	0	20	3.27	4.392	0.0019	-2.5 to 2.5	Pass
					3.85	2.890	0.0012	-2.5 to 2.5	Pass
					4.43	1.774	0.0008	-2.5 to 2.5	Pass

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				-30	3.85	3.490	0.0015	-2.5 to 2.5	Pass
				-20	3.85	3.190	0.0014	-2.5 to 2.5	Pass
				-10	3.85	4.320	0.0018	-2.5 to 2.5	Pass
				0	3.85	2.861	0.0012	-2.5 to 2.5	Pass
				10	3.85	3.033	0.0013	-2.5 to 2.5	Pass
				30	3.85	3.304	0.0014	-2.5 to 2.5	Pass
				40	3.85	2.661	0.0011	-2.5 to 2.5	Pass
				50	3.85	2.747	0.0012	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B40b_5MHz

Band: 40b / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2355	25	0	Refer To Test Graph		Pass
16QAM	2355	25	0	Refer To Test Graph		Pass

3.1.2 B40b_10MHz

Band: 40b / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2355	50	0	Refer To Test Graph		Pass
16QAM	2355	50	0	Refer To Test Graph		Pass

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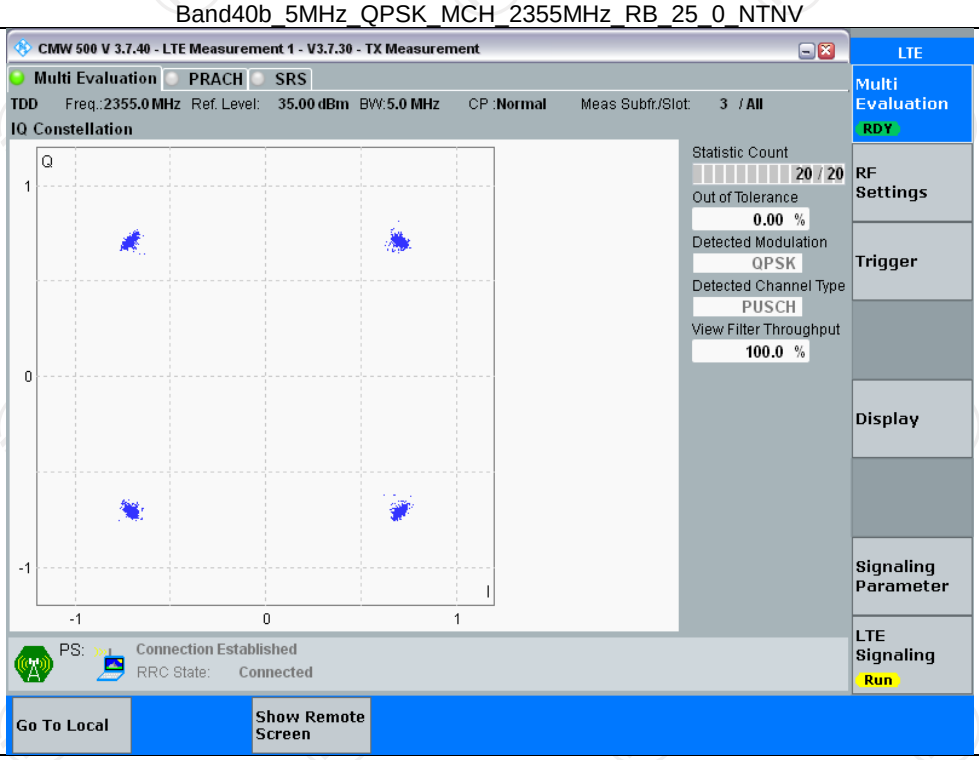
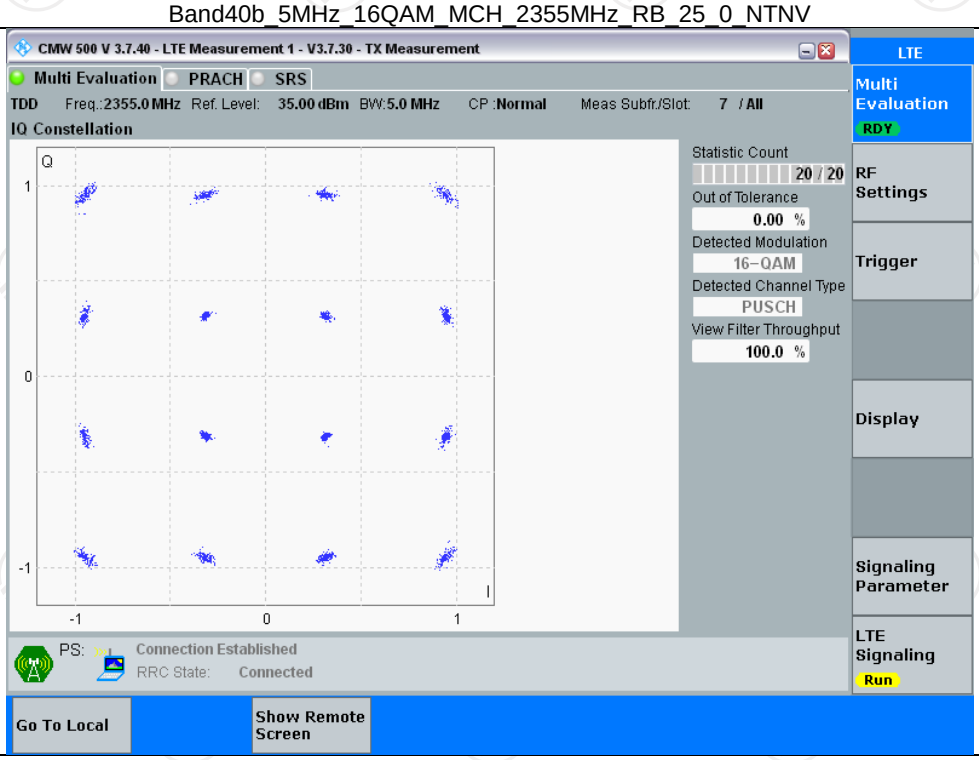
3.2 Test Graph

3.2.1 B40b_5MHz

Band40b_5MHz_QPSK_MCH_2355MHz_RB_25_0_NTNV

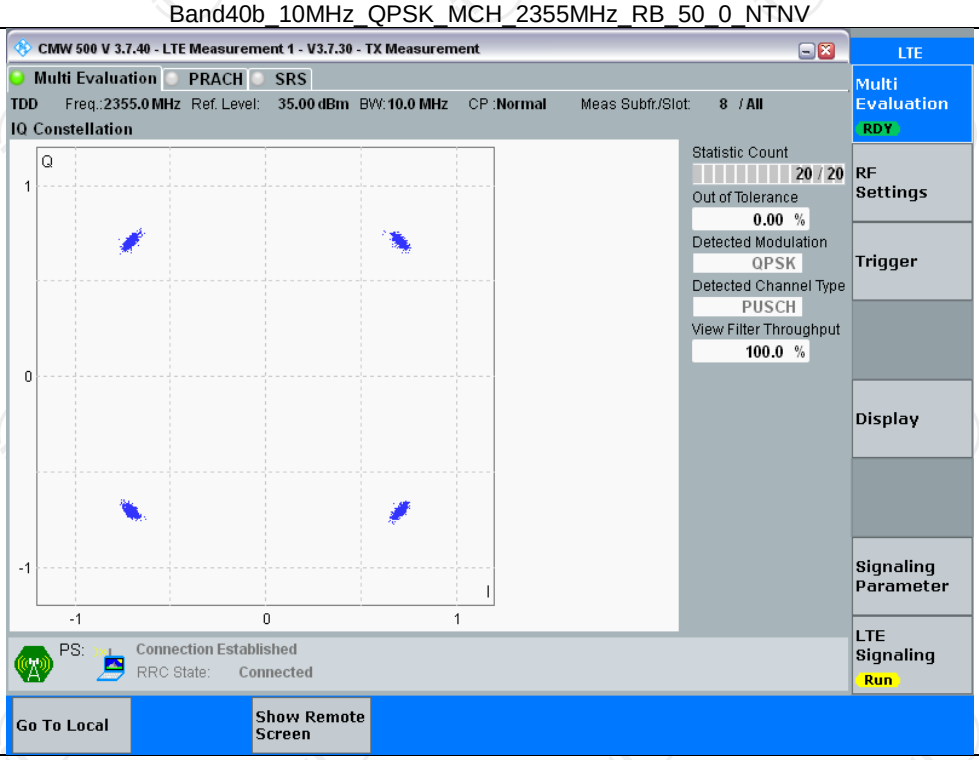


Band40b_5MHz_16QAM_MCH_2355MHz_RB_25_0_NTNV

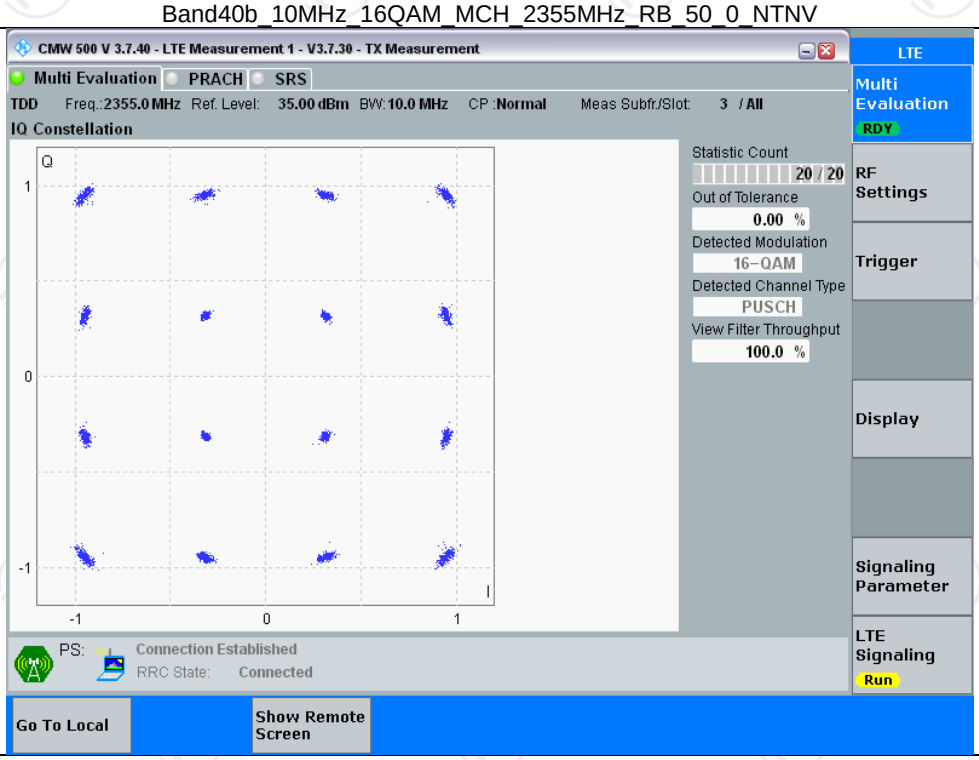


3.2.2 B40b_10MHz

Band40b_10MHz_QPSK_MCH_2355MHz_RB_50_0_NTNV



Band40b_10MHz_16QAM_MCH_2355MHz_RB_50_0_NTNV



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band40b_OBW

Band: 40b / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2352.5	25	0	4.544	/	Pass
		2355	25	0	4.543	/	Pass
		2357.5	25	0	4.534	/	Pass
	16QAM	2352.5	25	0	4.582	/	Pass
		2355	25	0	4.552	/	Pass
		2357.5	25	0	4.527	/	Pass
10	QPSK	2355	50	0	9.037	/	Pass
	16QAM	2355	50	0	9.056	/	Pass

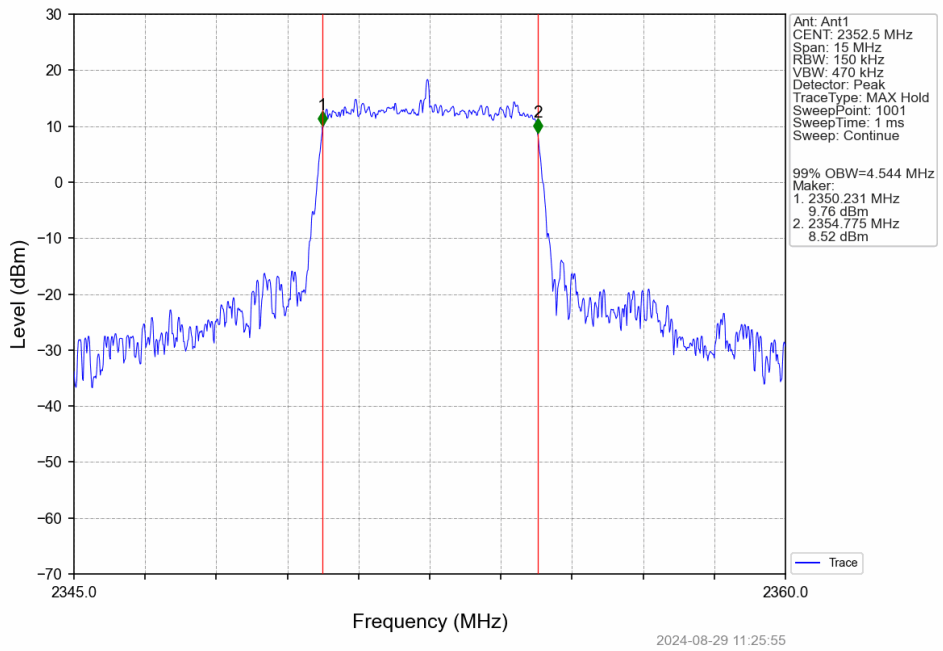
4.1.2 Band40b_XDB

Band: 40b / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2352.5	25	0	4.958	/	Pass
		2355	25	0	5.012	/	Pass
		2357.5	25	0	4.909	/	Pass
	16QAM	2352.5	25	0	5.066	/	Pass
		2355	25	0	4.955	/	Pass
		2357.5	25	0	5.039	/	Pass
10	QPSK	2355	50	0	9.960	/	Pass
	16QAM	2355	50	0	9.970	/	Pass

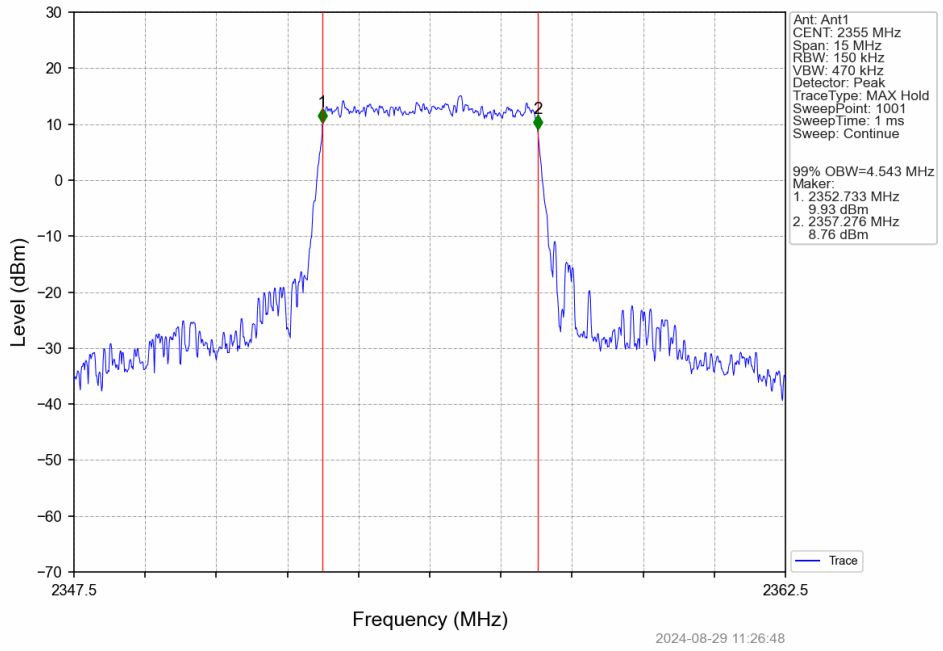
4.2 Test Graph

4.2.1 Band40b_OBW

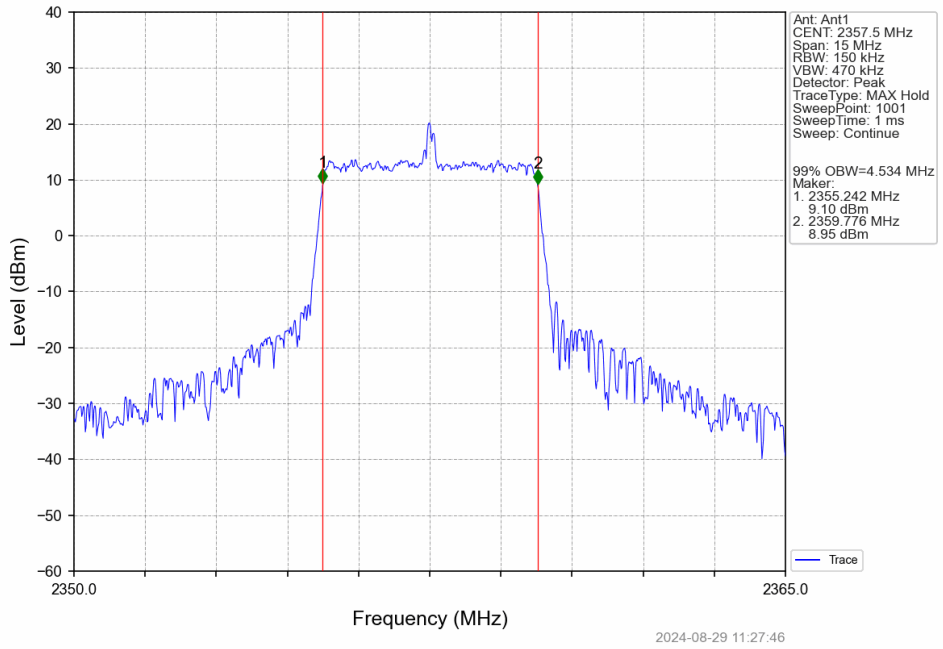
Band40b_5MHz_QPSK_LCH_2352.5MHz_RB_25_0_NTNV



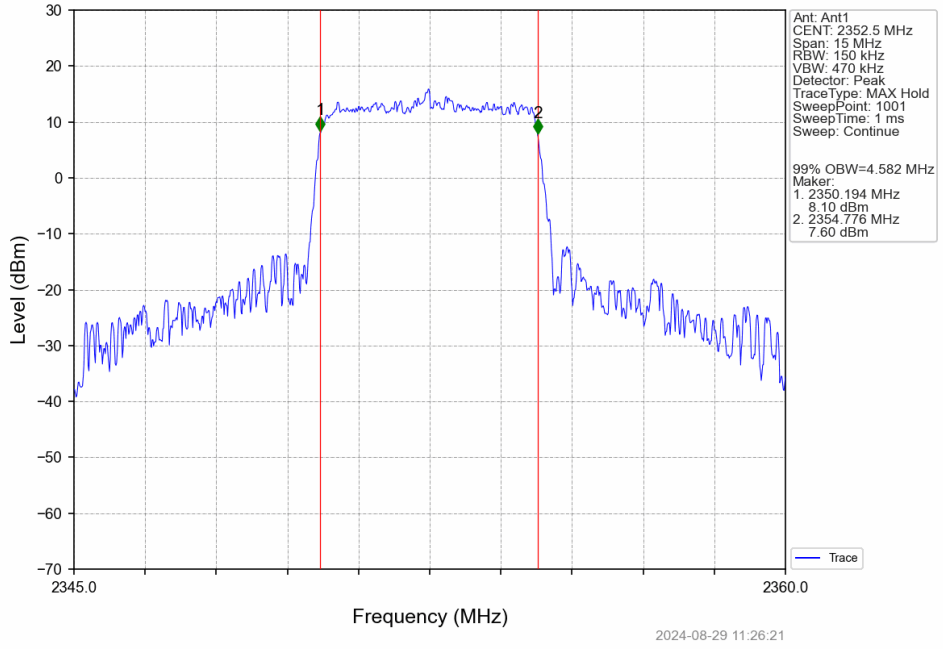
Band40b_5MHz_QPSK_MCH_2355MHz_RB_25_0_NTNV



Band40b_5MHz_QPSK_HCH_2357.5MHz_RB_25_0_NTNV



Band40b_5MHz_16QAM_LCH_2352.5MHz_RB_25_0_NTNV



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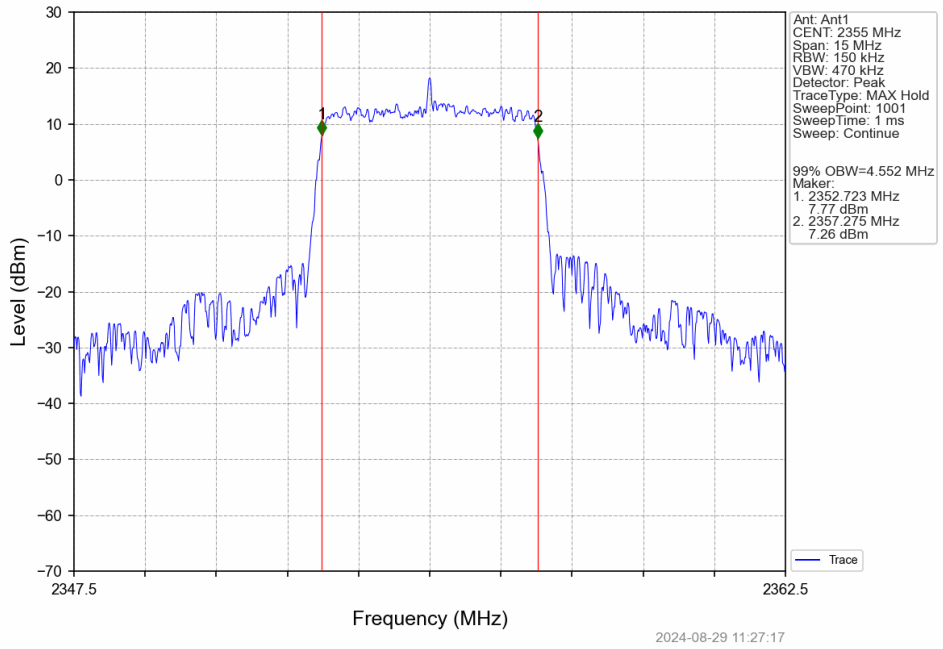
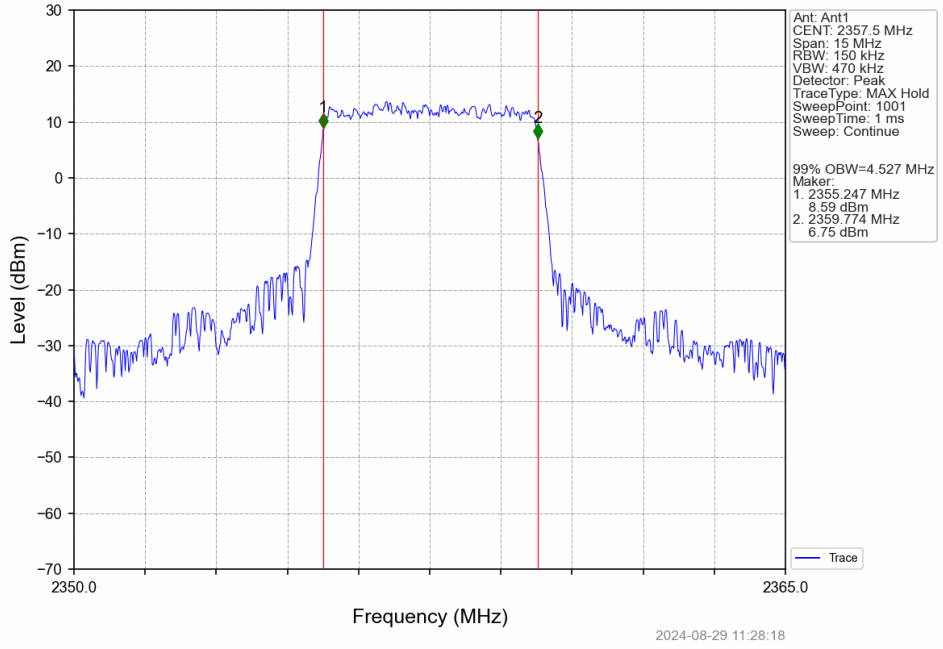
Band40b_5MHz_16QAM_MCH_2355MHz_RB_25_0_NTNV



Band40b_5MHz_16QAM_HCH_2357.5MHz_RB_25_0_NTNV



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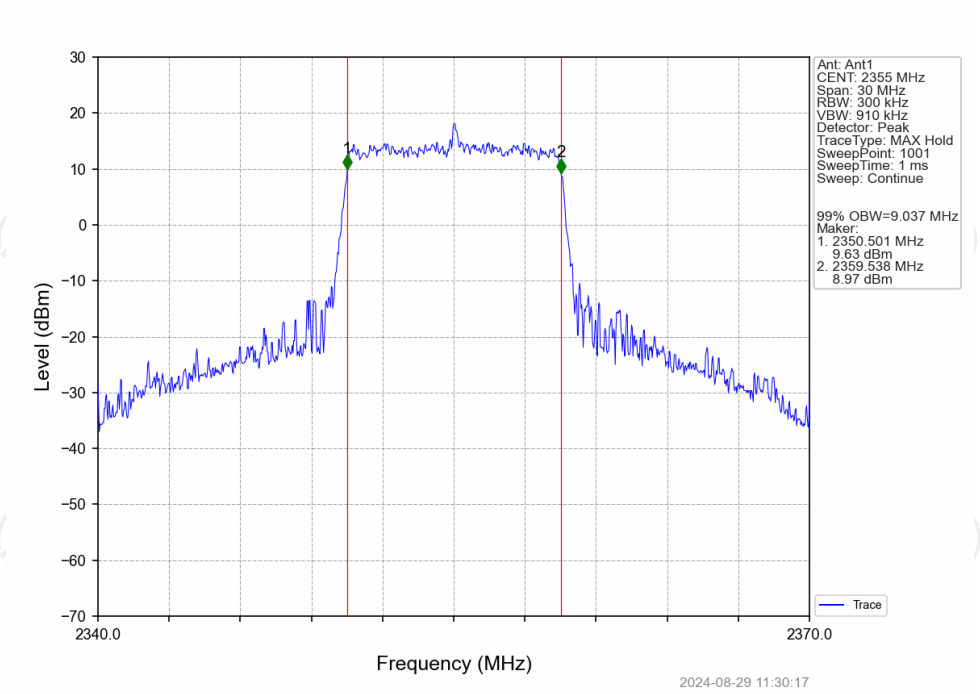
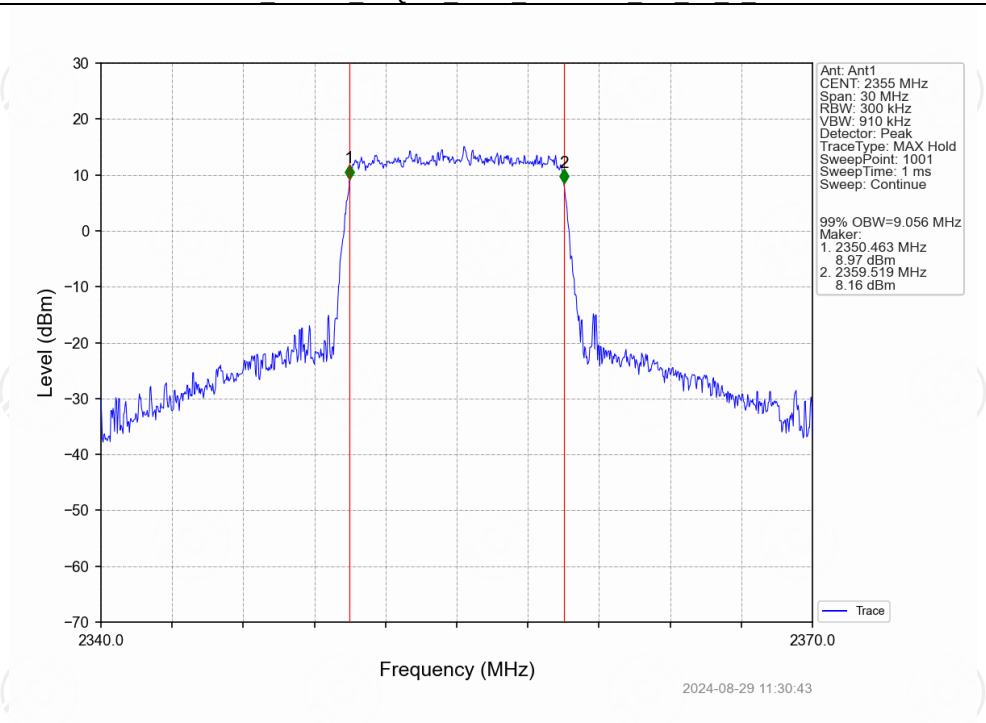
Band40b_10MHz_QPSK_MCH_2355MHz_RB_50_0_NTNV



Band40b_10MHz_16QAM_MCH_2355MHz_RB_50_0_NTNV



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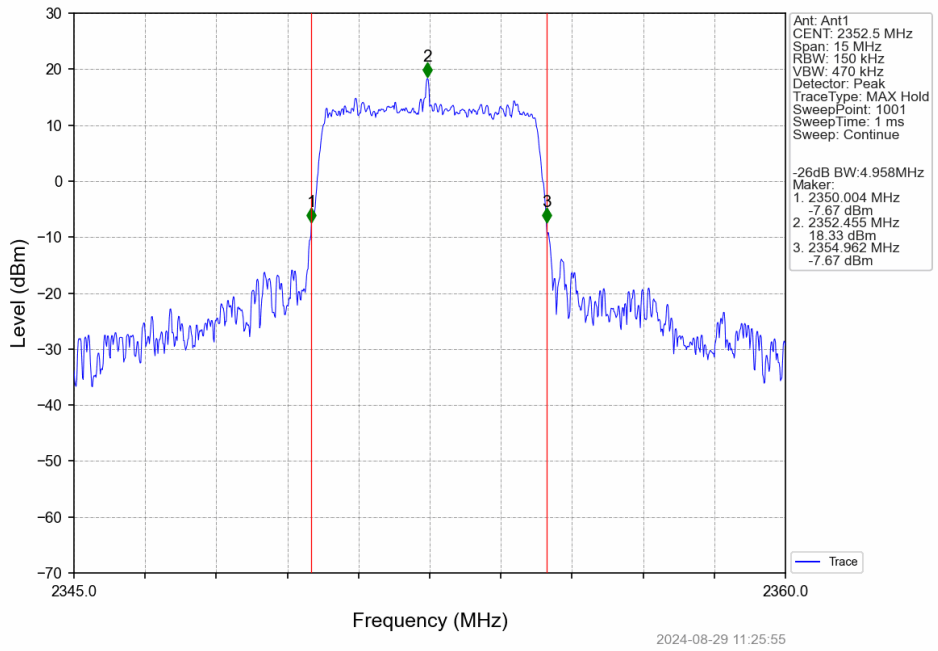
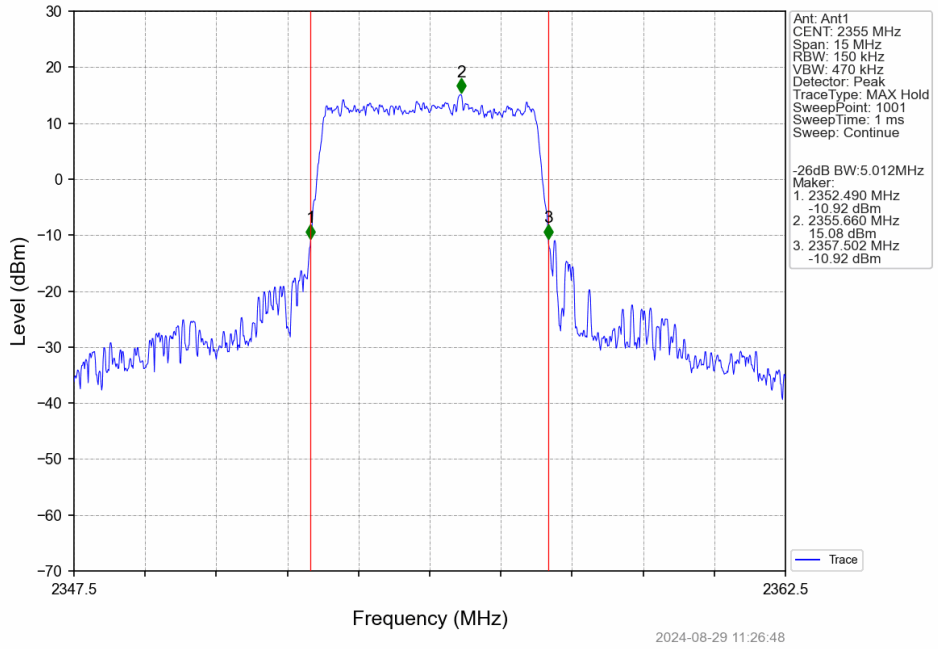
4.2.2 Band40b_XDB

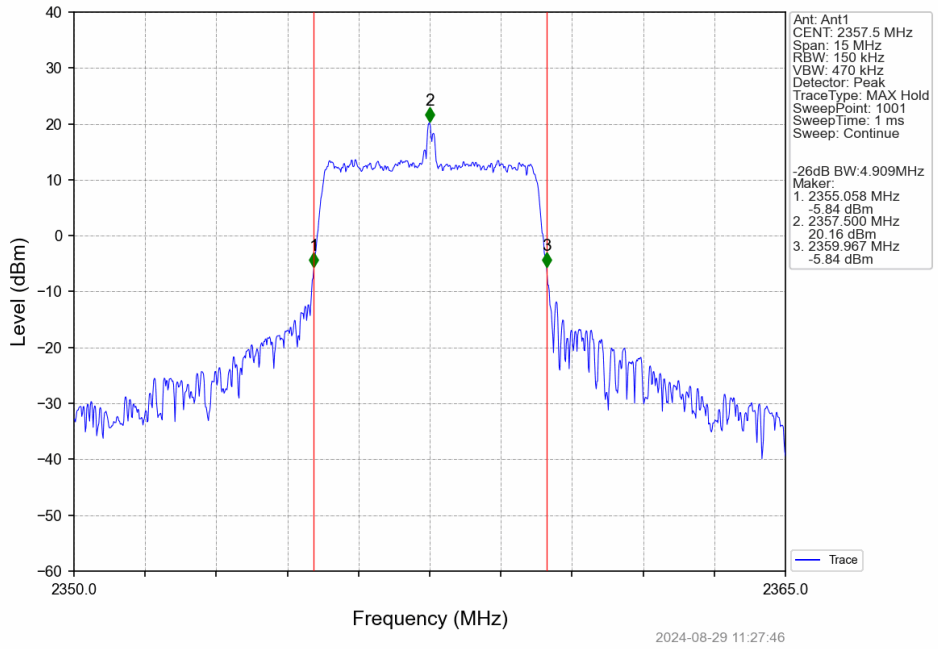
Band40b_5MHz_QPSK_LCH_2352.5MHz_RB_25_0_NTNV



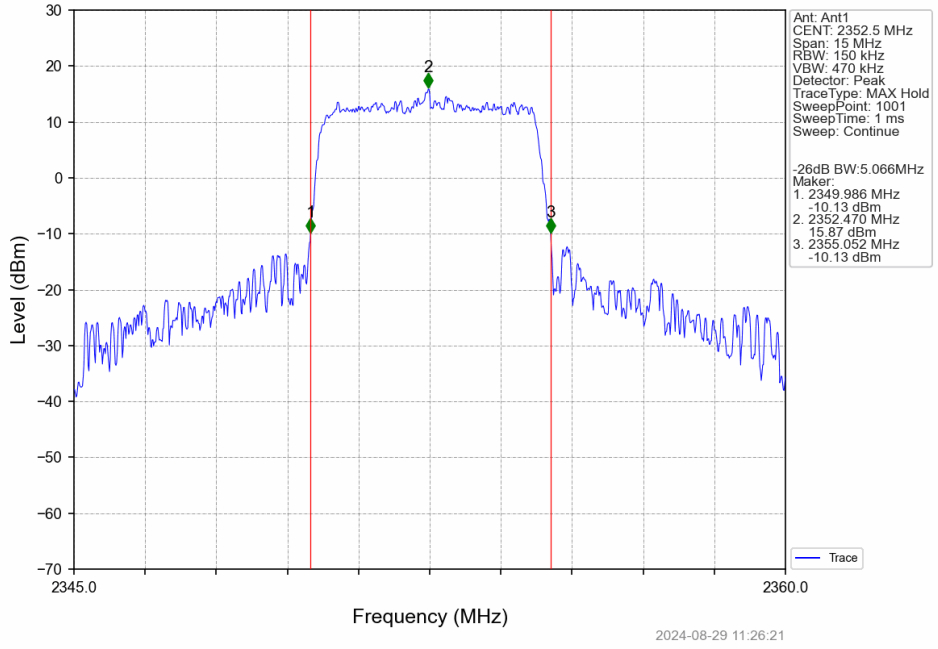
Band40b_5MHz_QPSK_MCH_2355MHz_RB_25_0_NTNV



Band40b_5MHz_QPSK_HCH_2357.5MHz_RB_25_0_NTNV



Band40b_5MHz_16QAM_LCH_2352.5MHz_RB_25_0_NTNV



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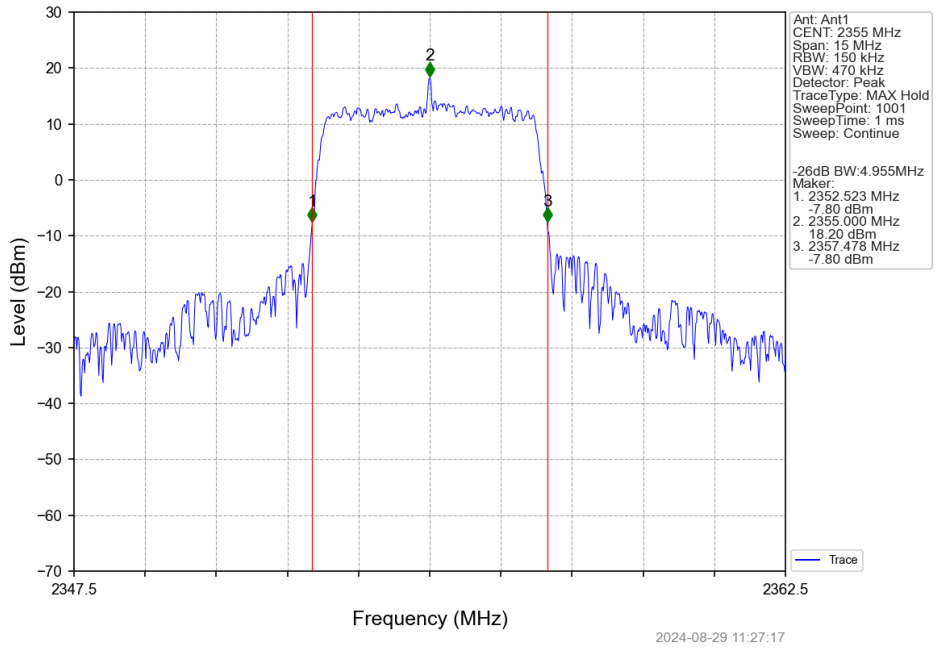
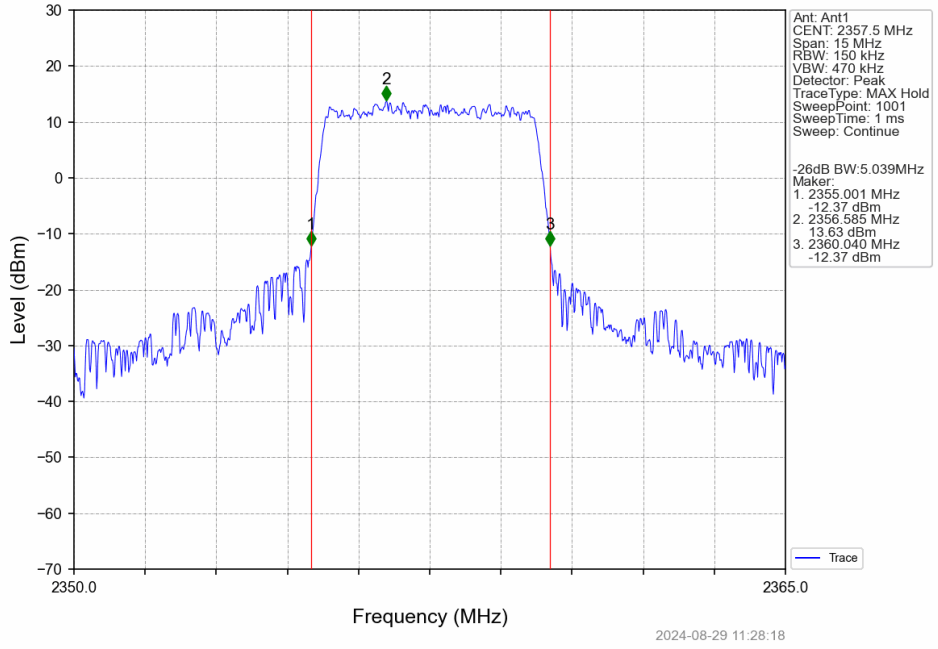
Band40b_5MHz_16QAM_MCH_2355MHz_RB_25_0_NTNV



Band40b_5MHz_16QAM_HCH_2357.5MHz_RB_25_0_NTNV



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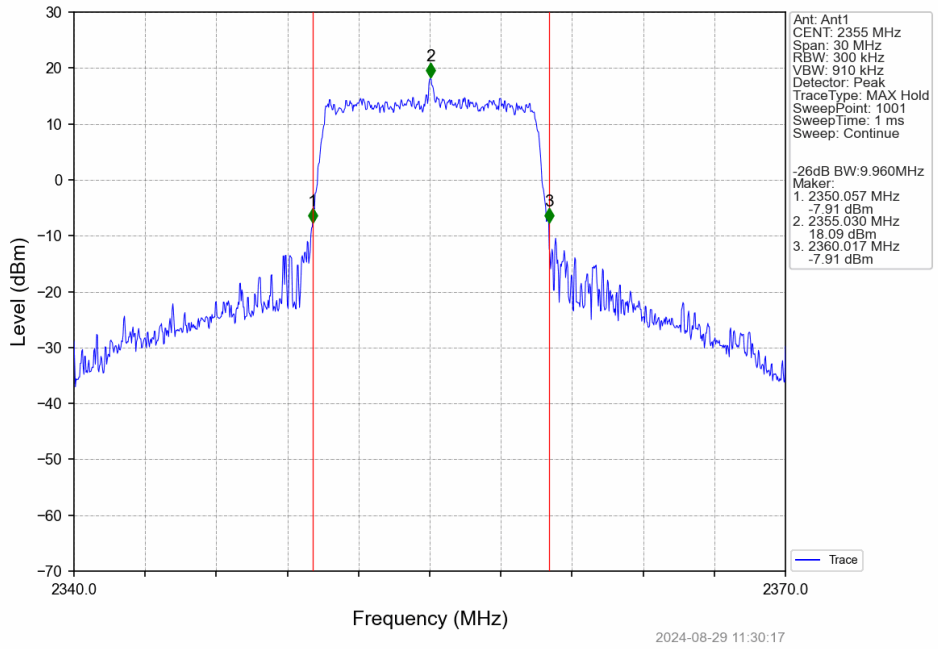
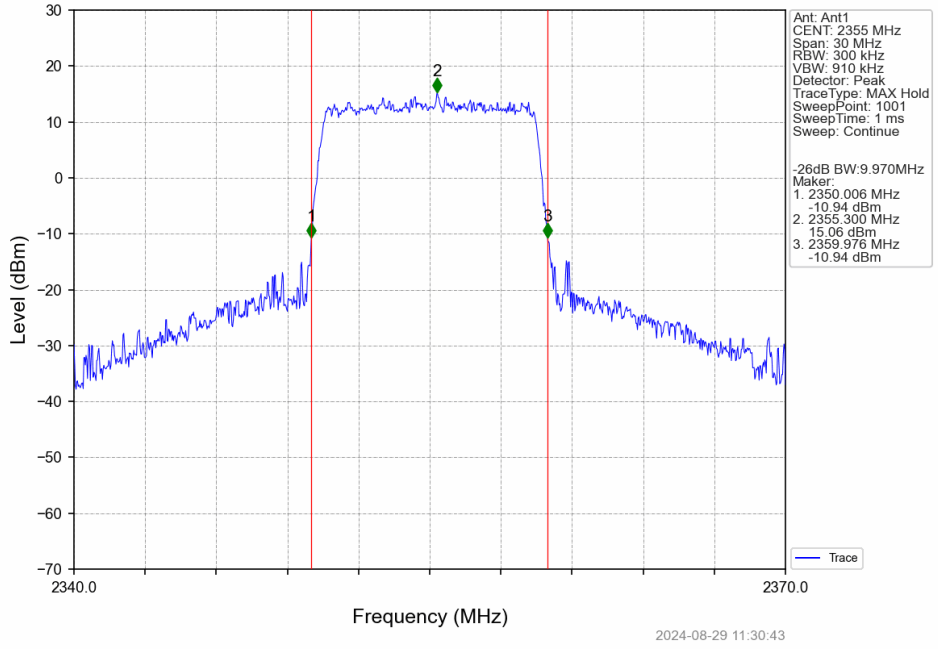
Band40b_10MHz_QPSK_MCH_2355MHz_RB_50_0_NTNV



Band40b_10MHz_16QAM_MCH_2355MHz_RB_50_0_NTNV



Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

5. Peak-Average Ratio

5.1 Test Result

5.1.1 B40b_5MHz

Band: 40b / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2352.5	25	0	7.42	<=13	Pass
	2355	25	0	7.39	<=13	Pass
	2357.5	25	0	7.40	<=13	Pass
16QAM	2352.5	25	0	8.03	<=13	Pass
	2355	25	0	8.50	<=13	Pass
	2357.5	25	0	7.91	<=13	Pass

5.1.2 B40b_10MHz

Band: 40b / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2355	50	0	7.24	<=13	Pass
16QAM	2355	50	0	7.92	<=13	Pass

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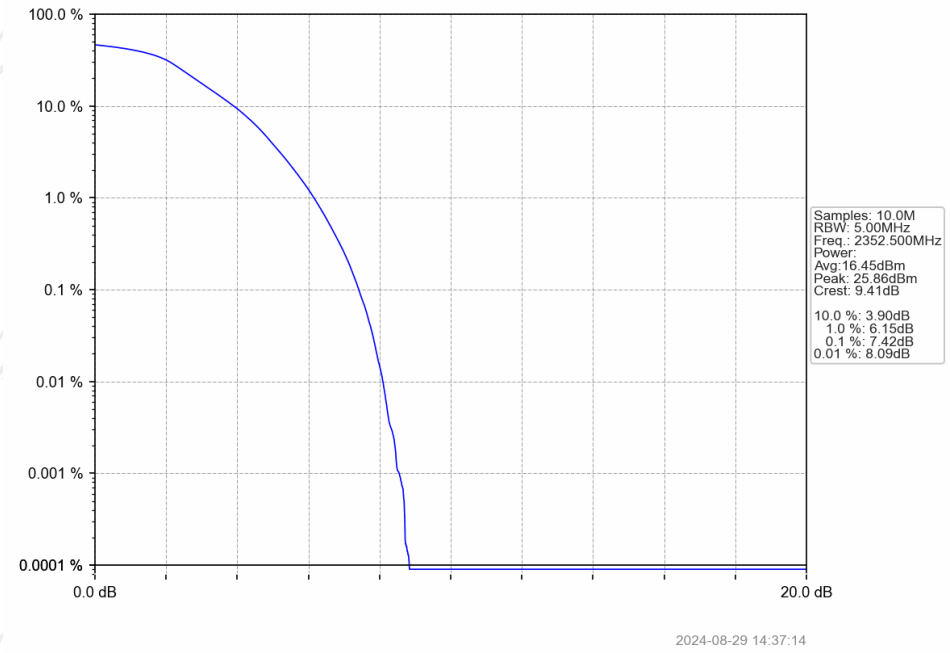
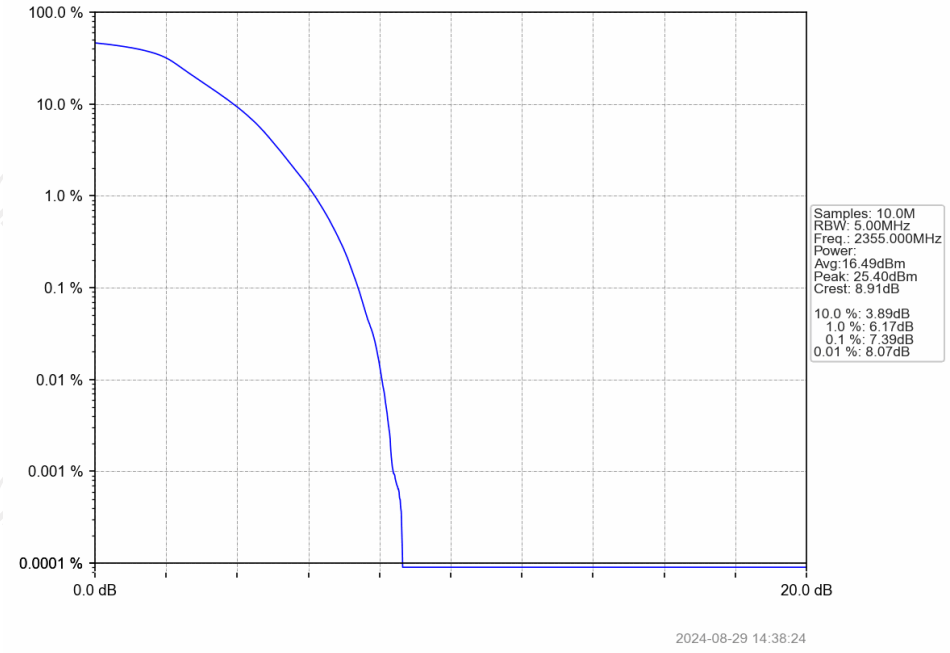
5.2 Test Graph

5.2.1 B40b_5MHz

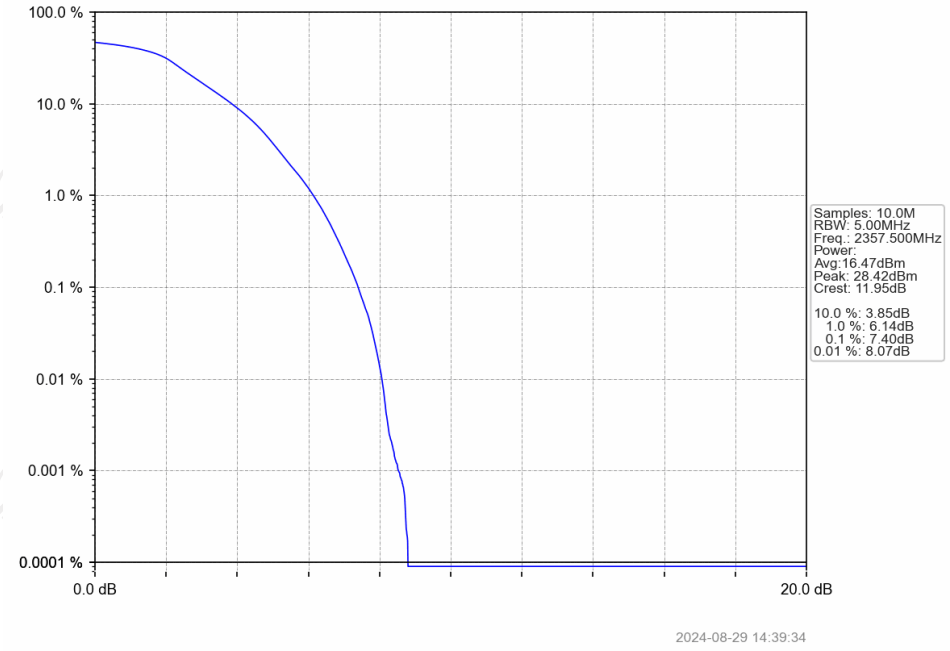
Band40b_5MHz_QPSK_LCH_2352.5MHz_RB_25_0_NTNV



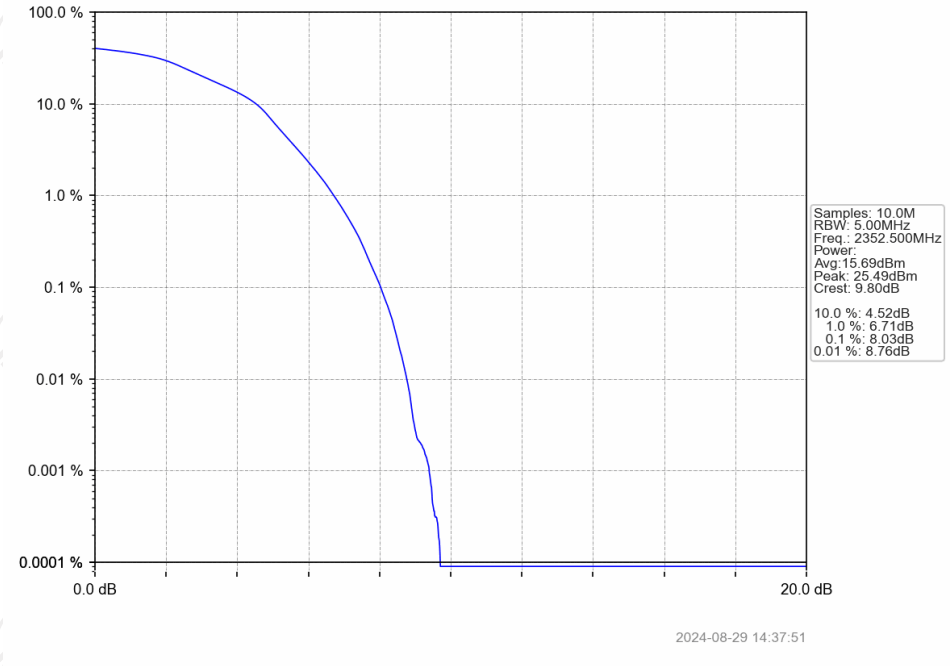
Band40b_5MHz_QPSK_MCH_2355MHz_RB_25_0_NTNV



Band40b_5MHz_QPSK_HCH_2357.5MHz_RB_25_0_NTNV



Band40b_5MHz_16QAM_LCH_2352.5MHz_RB_25_0_NTNV



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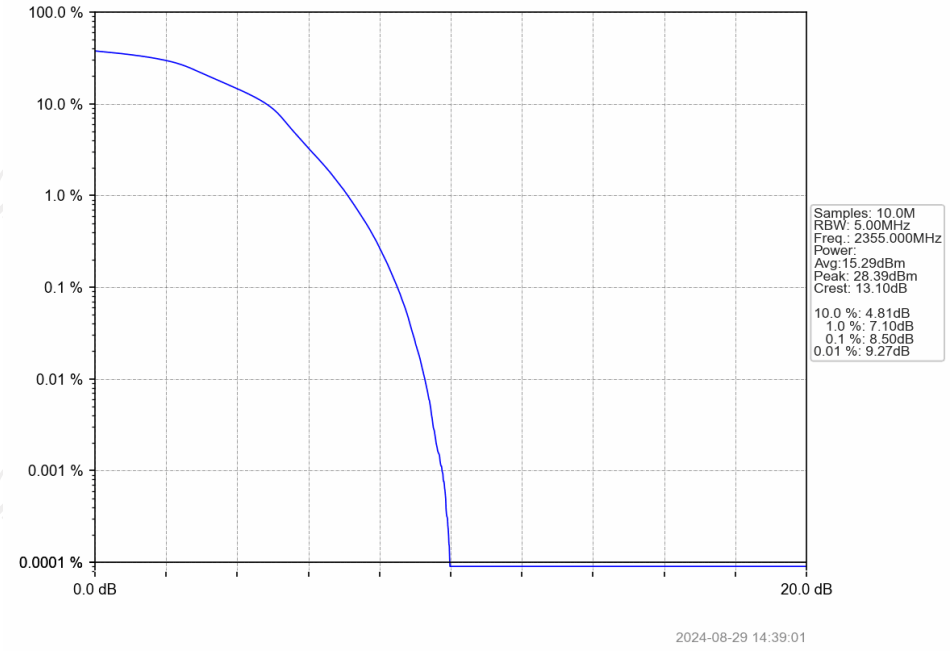
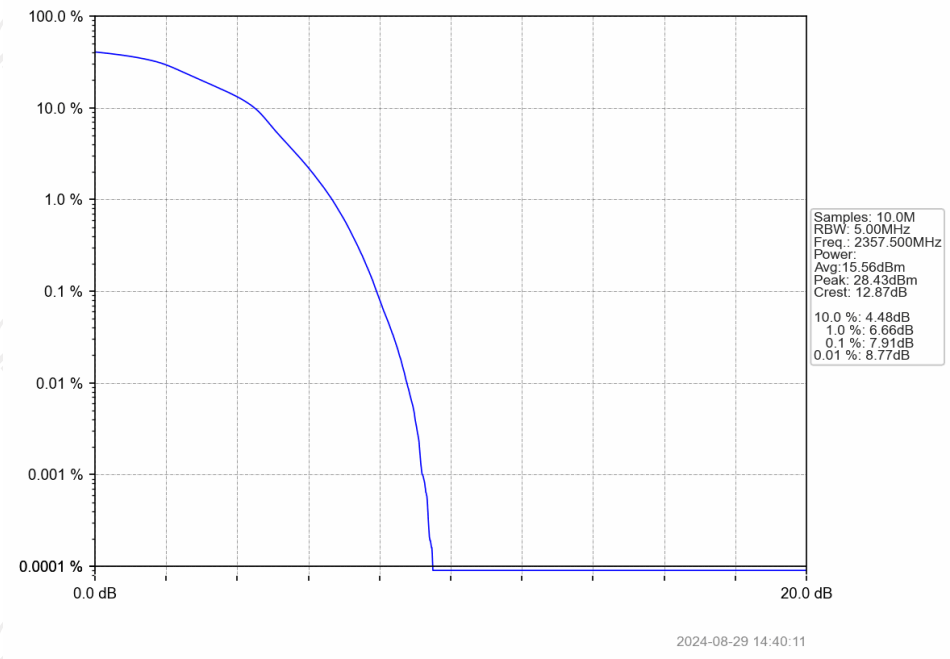
Band40b_5MHz_16QAM_MCH_2355MHz_RB_25_0_NTNV



Band40b_5MHz_16QAM_HCH_2357.5MHz_RB_25_0_NTNV



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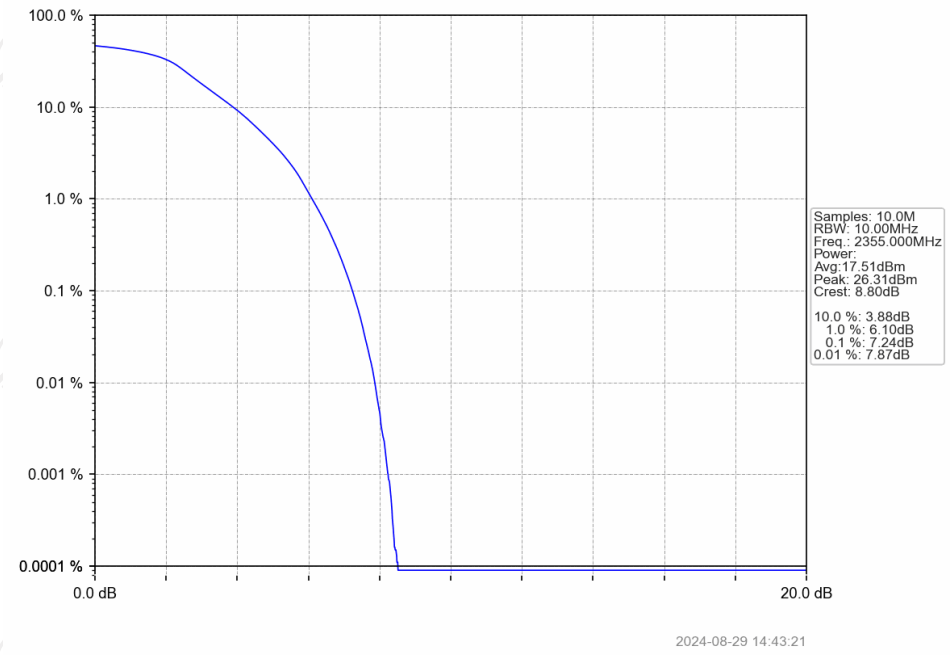
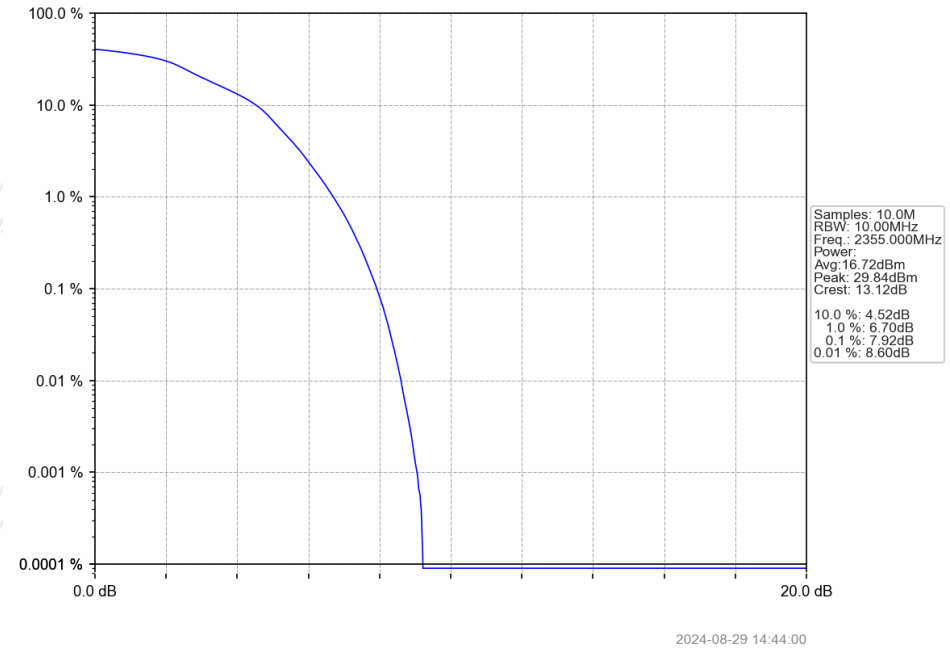
5.2.2 B40b_10MHz

Band40b_10MHz_QPSK_MCH_2355MHz_RB_50_0_NTNV



Band40b_10MHz_16QAM_MCH_2355MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B40b_5MHz

Band: 40b / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2352.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2355	1	0	Refer To Test Graph		Pass
	2357.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2352.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2355	1	0	Refer To Test Graph		Pass
	2357.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

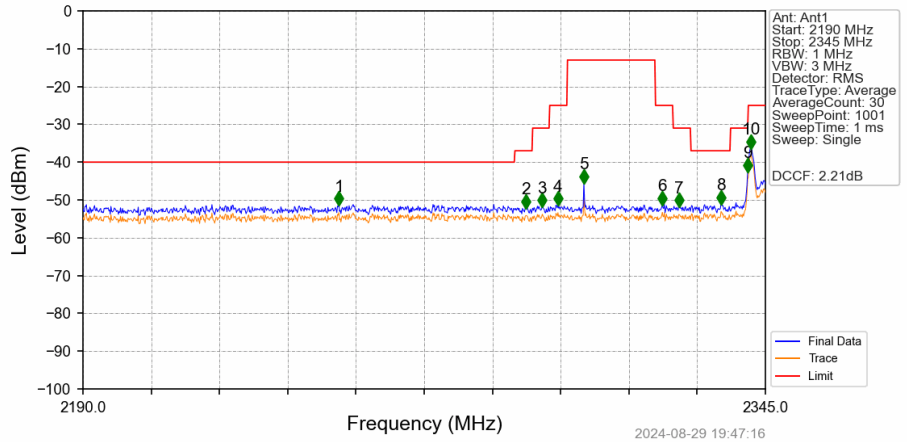
6.1.2 B40b_10MHz

Band: 40b / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2355	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2355	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2355	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2355	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.2 Test Graph

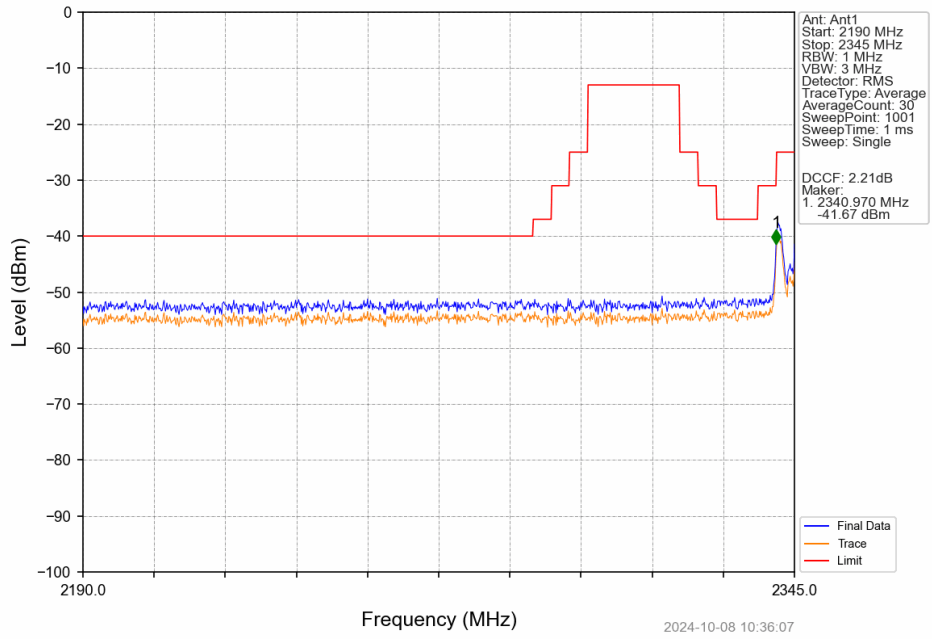
6.2.1 B40b_5MHz

Band40b_5MHz_QPSK_LCH_2352.5MHz_RB_1_0_NTNV

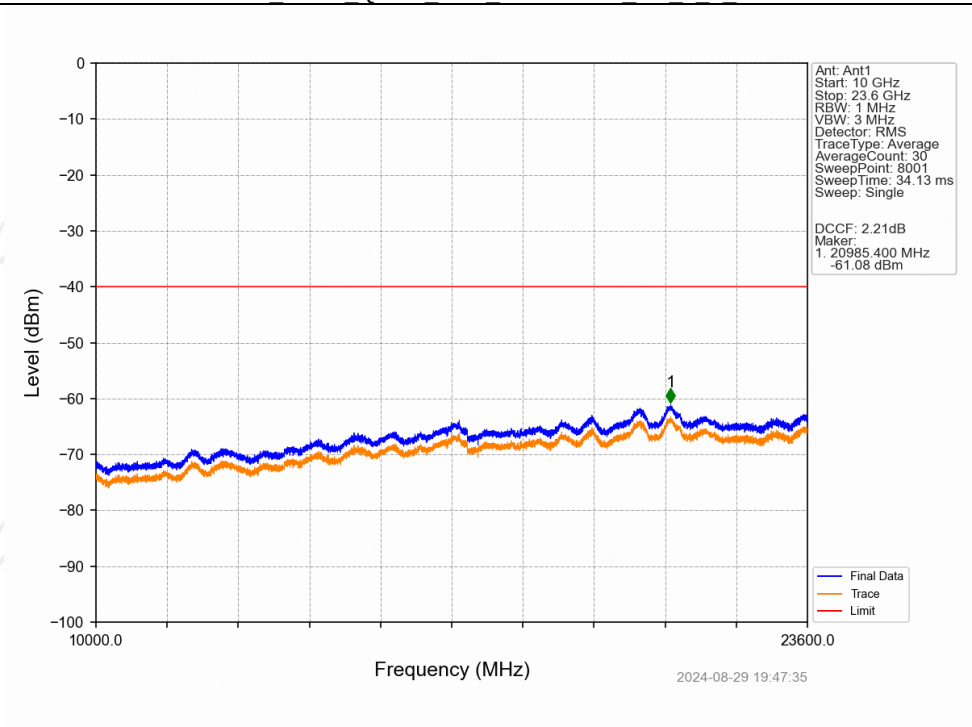


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	/	1	2248.125	-51.13	-40	Pass
2288	2292	1	/	2	2290.595	-51.91	-37	Pass
2292	2296	1	/	3	2294.315	-51.55	-31	Pass
2296	2300	1	/	4	2297.880	-51.18	-25	Pass
2300	2320	1	/	5	2303.770	-45.29	-13	Pass
2320	2324	1	/	6	2321.595	-51.08	-25	Pass
2324	2328	1	/	7	2325.315	-51.66	-31	Pass
2328	2337	1	/	8	2334.925	-50.87	-37	Pass
2337	2341	1	/	9	2340.970	-42.35	-31	Pass
2341	2345	1	/	10	2341.745	-36.10	-25	Pass

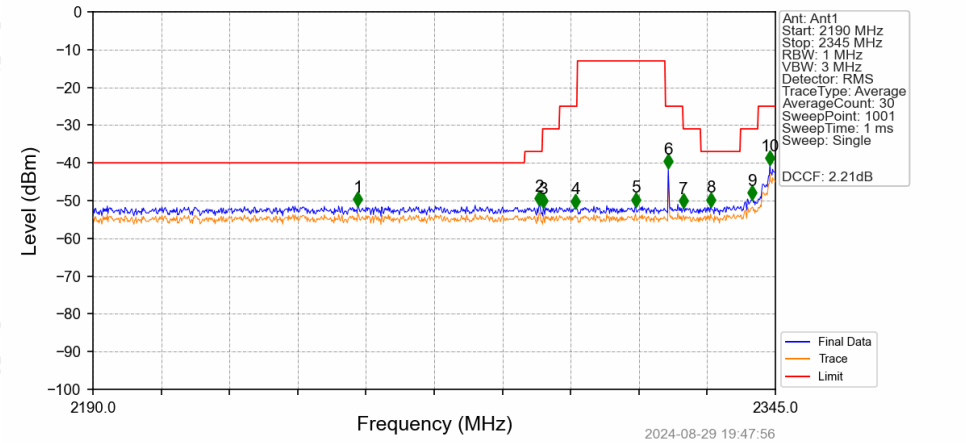
Band40b_5MHz_QPSK_LCH_2352.5MHz_RB_1_0_NTNV



Band40b_5MHz_QPSK_LCH_2352.5MHz_RB_1_0_NTNV

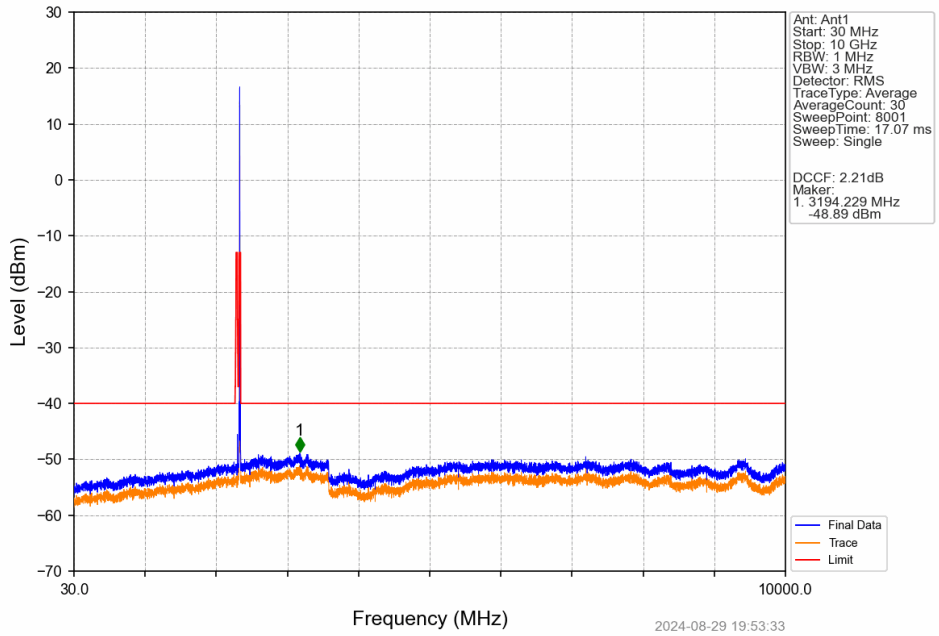


Band40b_5MHz_QPSK_LCH_2352.5MHz_RB_25_0_NTNV

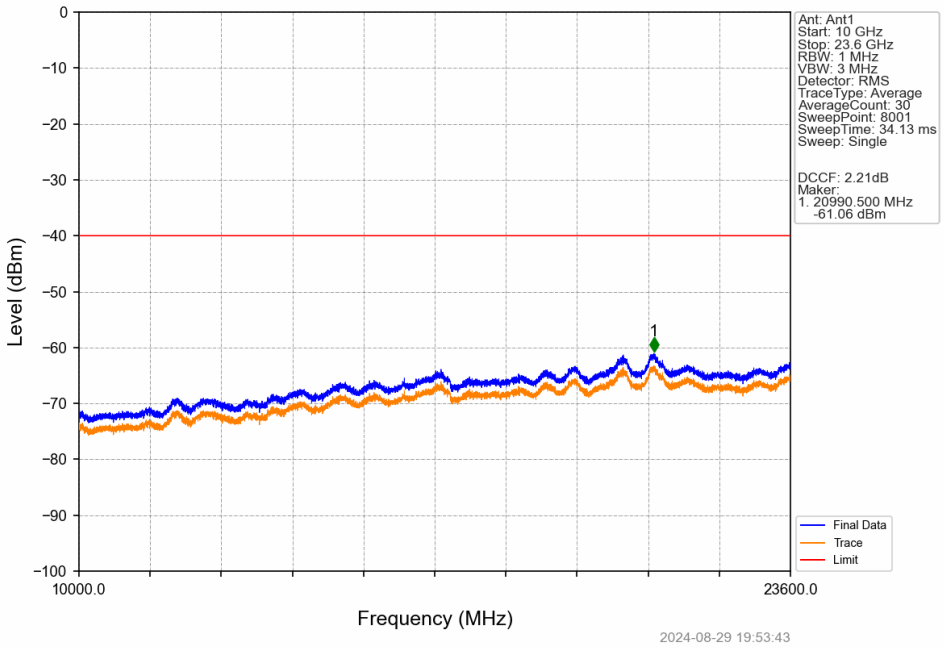


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	/	1	2250.140	-51.13	-40	Pass
2288	2292	1	/	2	2291.370	-50.99	-37	Pass
2292	2296	1	/	3	2292.300	-51.67	-31	Pass
2296	2300	1	/	4	2299.585	-51.73	-25	Pass
2300	2320	1	/	5	2313.225	-51.27	-13	Pass
2320	2324	1	/	6	2320.665	-41.12	-25	Pass
2324	2328	1	/	7	2324.075	-51.65	-31	Pass
2328	2337	1	/	8	2330.275	-51.32	-37	Pass
2337	2341	1	/	9	2339.730	-49.47	-31	Pass
2341	2345	1	/	10	2343.760	-40.29	-25	Pass

Band40b_5MHz_QPSK_MCH_2355MHz_RB_1_0_NTNV



Band40b_5MHz_QPSK_MCH_2355MHz_RB_1_0_NTNV



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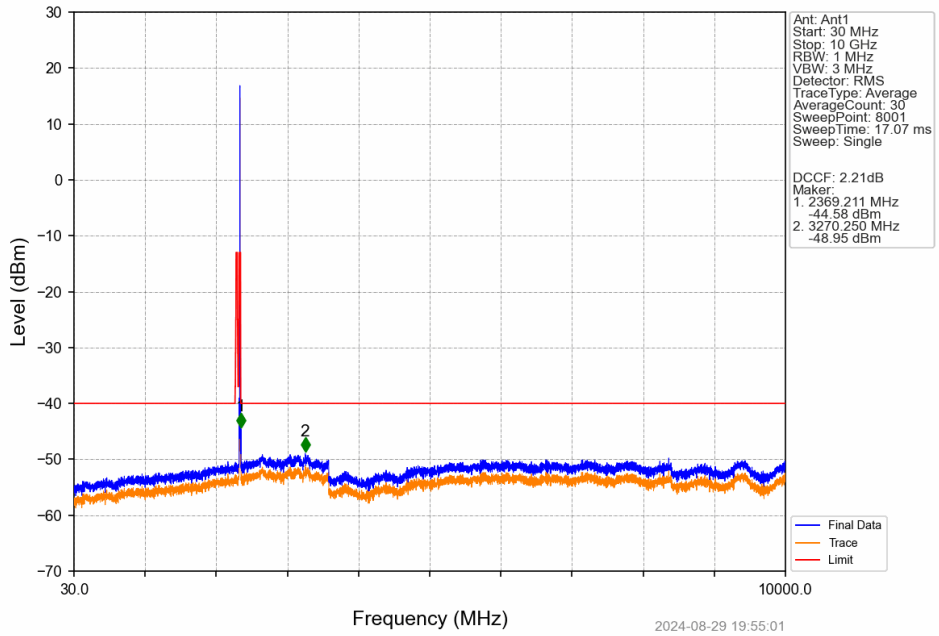
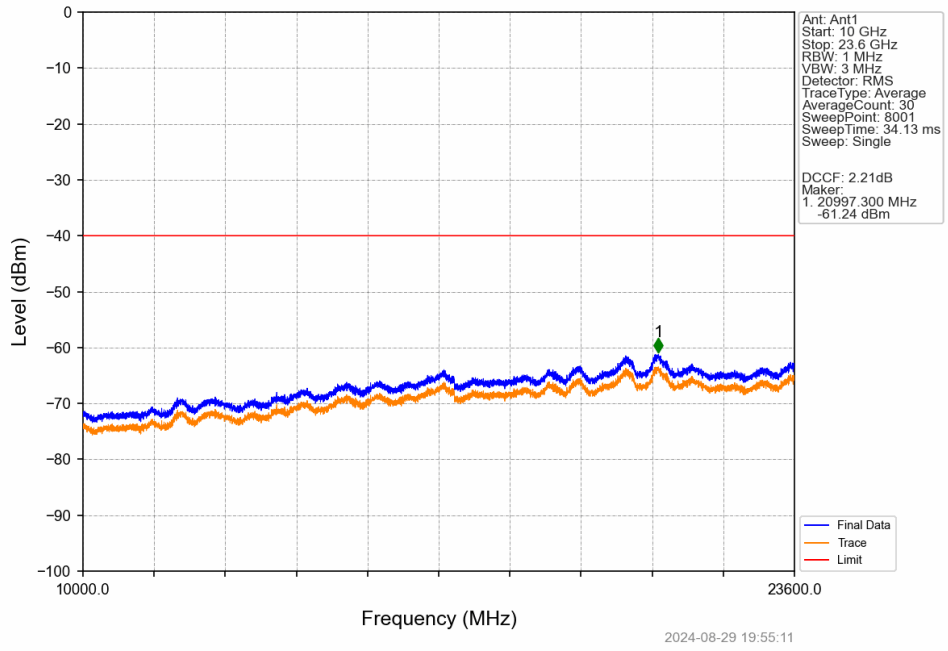
Band40b_5MHz_QPSK_HCH_2357.5MHz_RB_1_0_NTNV

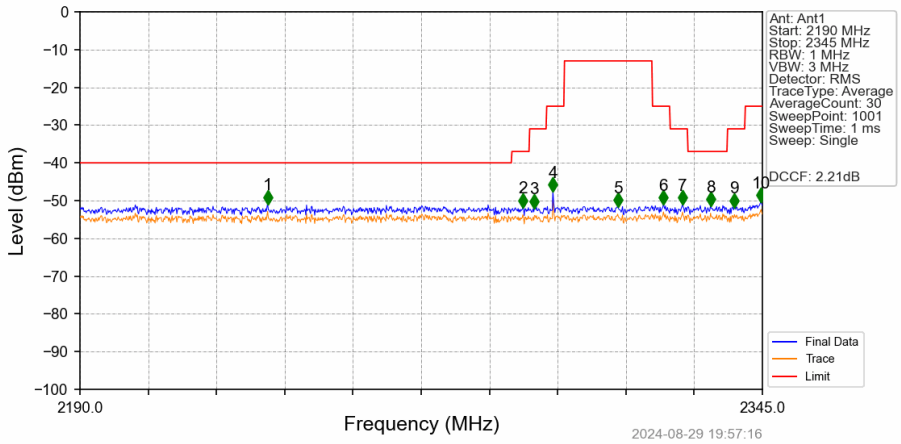


Band40b_5MHz_QPSK_HCH_2357.5MHz_RB_1_0_NTNV



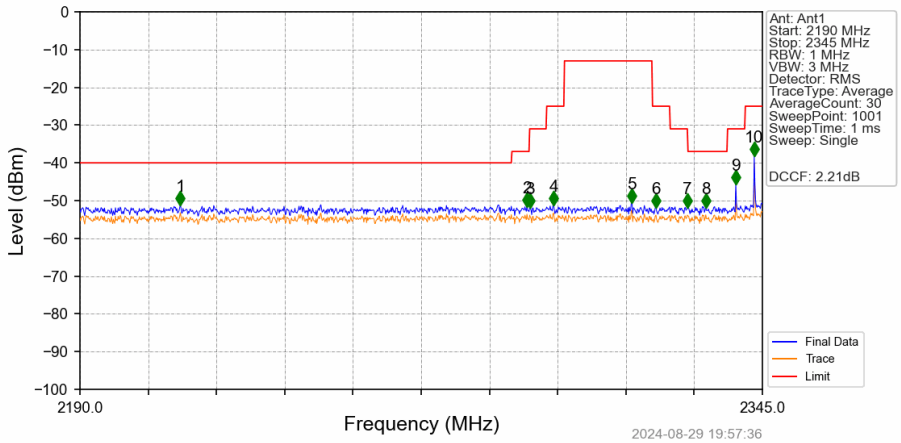
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band40b_5MHz_QPSK_HCH_2357.5MHz_RB_1_24_NTNV



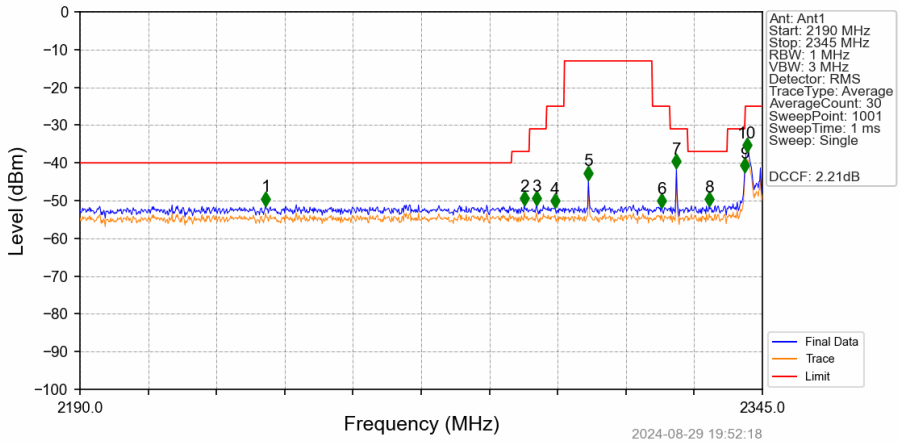
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	/	1	2232.625	-50.66	-40	Pass
2288	2292	1	/	2	2290.595	-51.51	-37	Pass
2292	2296	1	/	3	2293.230	-51.73	-31	Pass
2296	2300	1	/	4	2297.415	-47.29	-25	Pass
2300	2320	1	/	5	2312.140	-51.38	-13	Pass
2320	2324	1	/	6	2322.525	-50.78	-25	Pass
2324	2328	1	/	7	2326.865	-50.80	-31	Pass
2328	2337	1	/	8	2333.220	-51.13	-37	Pass
2337	2341	1	/	9	2338.645	-51.51	-31	Pass
2341	2345	1	/	10	2344.690	-50.15	-25	Pass

Band40b_5MHz_QPSK_HCH_2357.5MHz_RB_25_0_NTNV



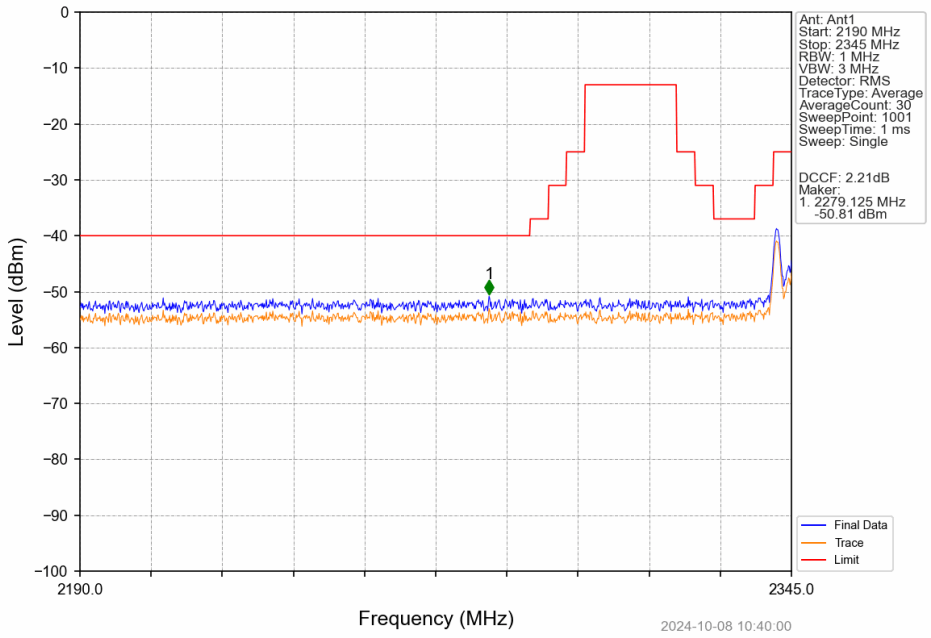
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	/	1	2212.785	-51.00	-40	Pass
2288	2292	1	/	2	2291.525	-51.42	-37	Pass
2292	2296	1	/	3	2292.145	-51.66	-31	Pass
2296	2300	1	/	4	2297.570	-51.04	-25	Pass
2300	2320	1	/	5	2315.240	-50.37	-13	Pass
2320	2324	1	/	6	2320.820	-51.66	-25	Pass
2324	2328	1	/	7	2327.950	-51.64	-31	Pass
2328	2337	1	/	8	2332.135	-51.55	-37	Pass
2337	2341	1	/	9	2338.955	-45.43	-31	Pass
2341	2345	1	/	10	2343.140	-37.99	-25	Pass

Band40b_5MHz_16QAM_LCH_2352.5MHz_RB_1_0_NTNV

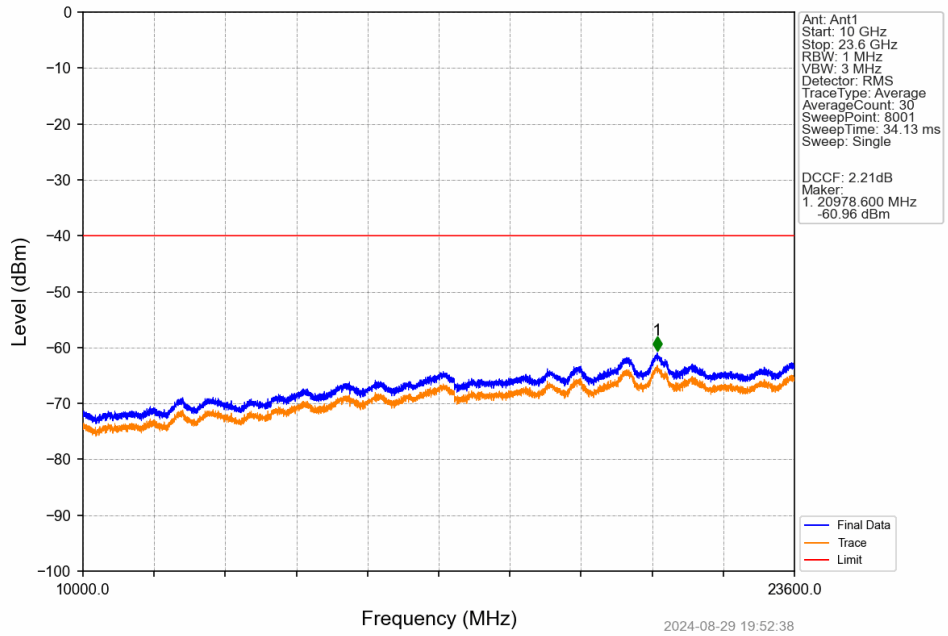


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	/	1	2232.160	-51.05	-40	Pass
2288	2292	1	/	2	2290.905	-50.94	-37	Pass
2292	2296	1	/	3	2293.695	-51.03	-31	Pass
2296	2300	1	/	4	2297.880	-51.62	-25	Pass
2300	2320	1	/	5	2305.475	-44.25	-13	Pass
2320	2324	1	/	6	2322.060	-51.60	-25	Pass
2324	2328	1	/	7	2325.470	-41.09	-31	Pass
2328	2337	1	/	8	2332.910	-51.24	-37	Pass
2337	2341	1	/	9	2340.970	-42.16	-31	Pass
2341	2345	1	/	10	2341.435	-36.87	-25	Pass

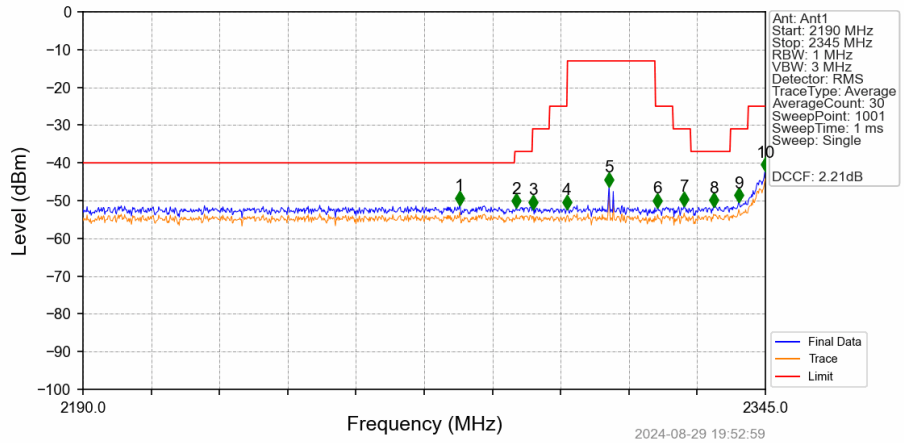
Band40b_5MHz_16QAM_LCH_2352.5MHz_RB_1_0_NTNV



Band40b_5MHz_16QAM_LCH_2352.5MHz_RB_1_0_NTNV

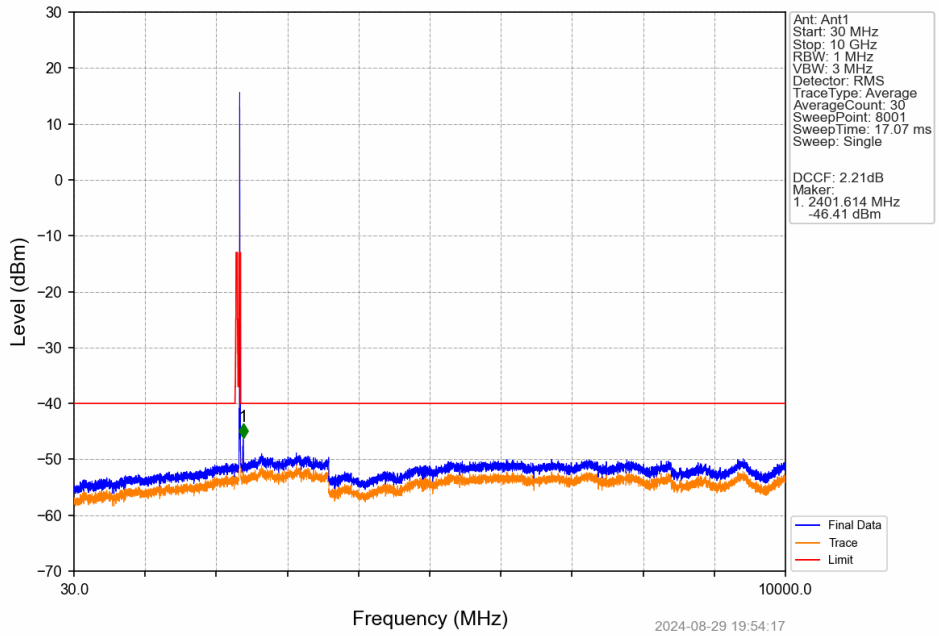


Band40b_5MHz_16QAM_LCH_2352.5MHz_RB_25_0_NTNV

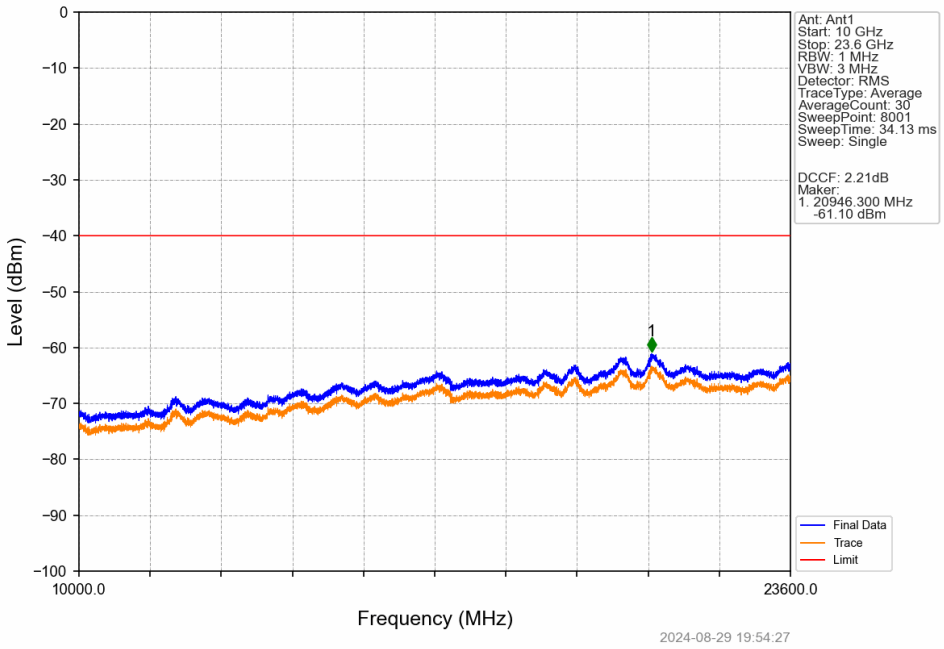


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	/	1	2275.560	-50.88	-40	Pass
2288	2292	1	/	2	2288.425	-51.58	-37	Pass
2292	2296	1	/	3	2292.145	-51.94	-31	Pass
2296	2300	1	/	4	2299.895	-51.94	-25	Pass
2300	2320	1	/	5	2309.505	-45.93	-13	Pass
2320	2324	1	/	6	2320.510	-51.49	-25	Pass
2324	2328	1	/	7	2326.555	-51.08	-31	Pass
2328	2337	1	/	8	2333.220	-51.42	-37	Pass
2337	2341	1	/	9	2338.955	-50.14	-31	Pass
2341	2345	1	/	10	2345.000	-41.96	-25	Pass

Band40b_5MHz_16QAM_MCH_2355MHz_RB_1_0_NTNV



Band40b_5MHz_16QAM_MCH_2355MHz_RB_1_0_NTNV



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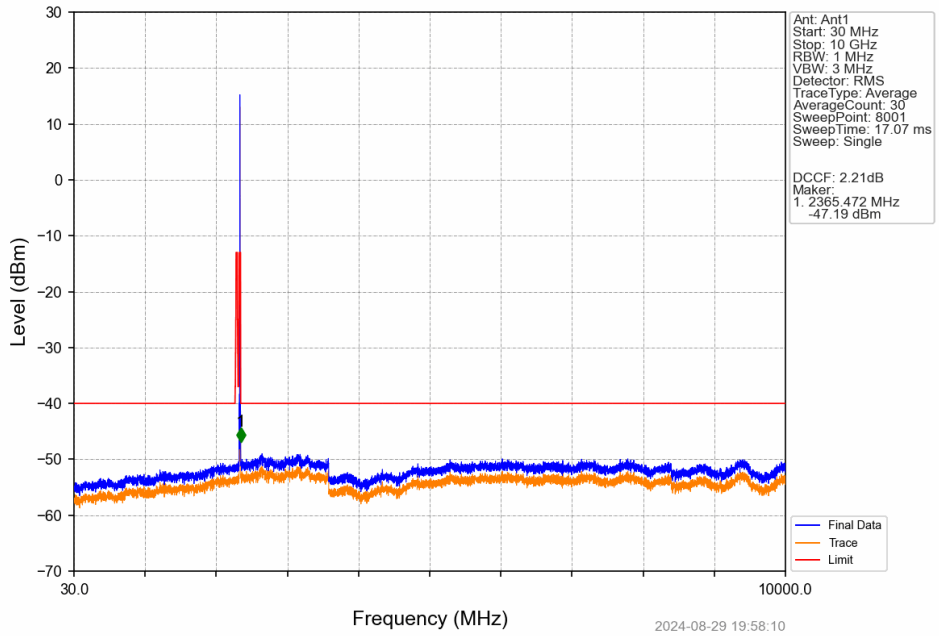
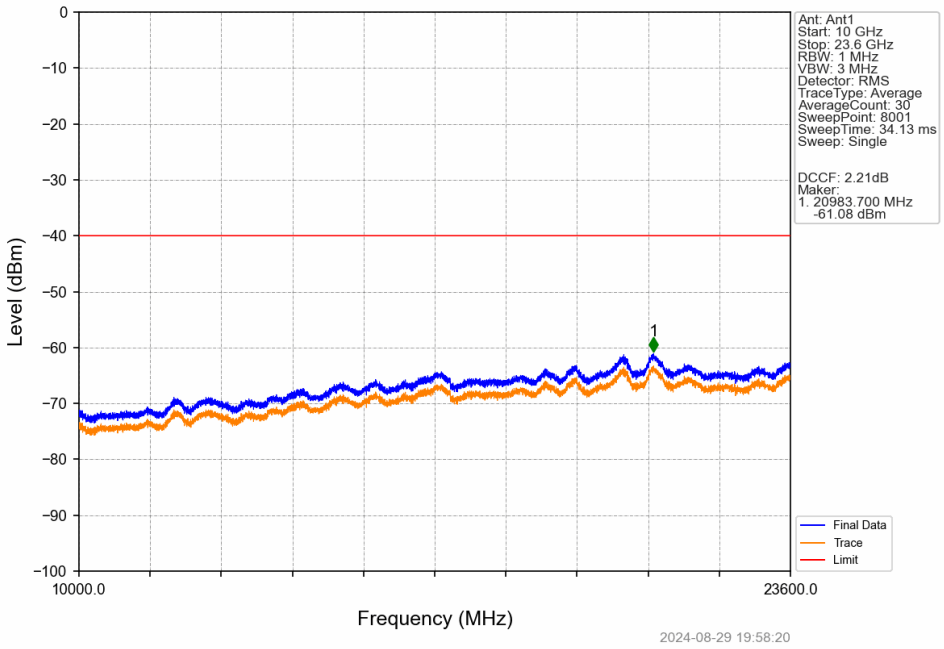
Band40b_5MHz_16QAM_HCH_2357.5MHz_RB_1_0_NTNV



Band40b_5MHz_16QAM_HCH_2357.5MHz_RB_1_0_NTNV



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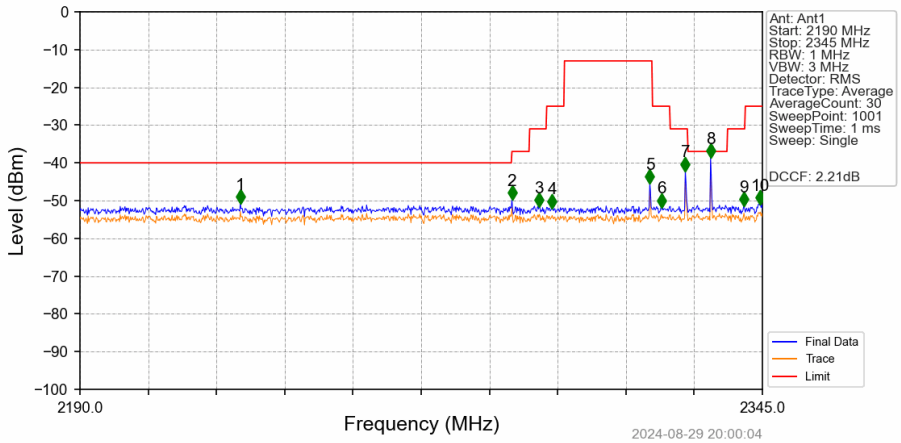
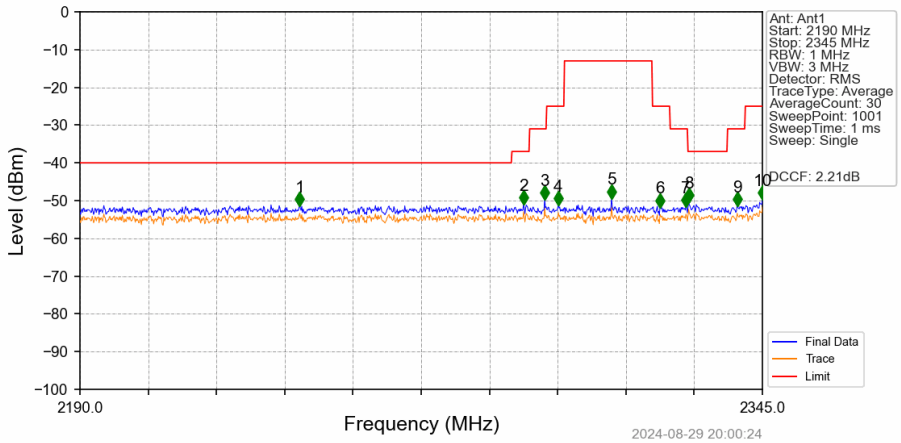
Band40b_5MHz_16QAM_HCH_2357.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	/	1	2226.425	-50.61	-40	Pass
2288	2292	1	/	2	2288.115	-49.51	-37	Pass
2292	2296	1	/	3	2294.315	-51.43	-31	Pass
2296	2300	1	/	4	2297.260	-51.70	-25	Pass
2300	2320	1	/	5	2319.425	-45.21	-13	Pass
2320	2324	1	/	6	2322.060	-51.52	-25	Pass
2324	2328	1	/	7	2327.485	-41.88	-31	Pass
2328	2337	1	/	8	2333.220	-38.34	-37	Pass
2337	2341	1	/	9	2340.815	-51.13	-31	Pass
2341	2345	1	/	10	2344.535	-50.83	-25	Pass

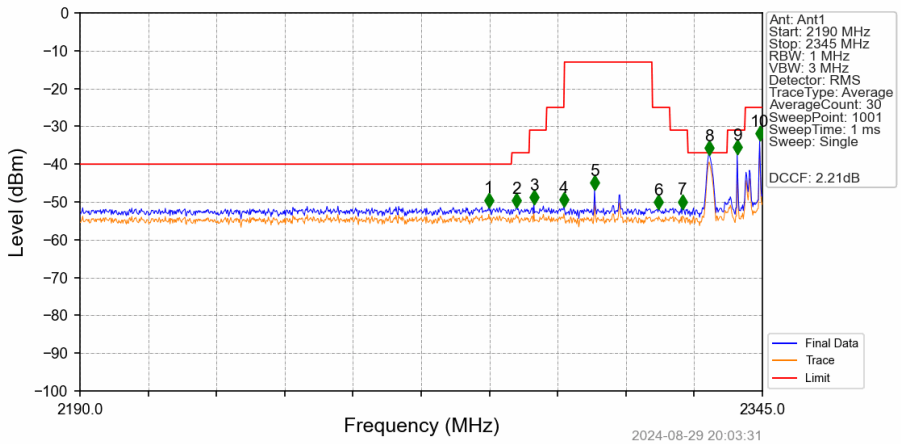
Band40b_5MHz_16QAM_HCH_2357.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	/	1	2239.910	-51.12	-40	Pass
2288	2292	1	/	2	2290.750	-50.73	-37	Pass
2292	2296	1	/	3	2295.555	-49.43	-31	Pass
2296	2300	1	/	4	2298.655	-50.98	-25	Pass
2300	2320	1	/	5	2310.745	-49.17	-13	Pass
2320	2324	1	/	6	2321.750	-51.51	-25	Pass
2324	2328	1	/	7	2327.640	-51.38	-31	Pass
2328	2337	1	/	8	2328.260	-50.09	-37	Pass
2337	2341	1	/	9	2339.265	-51.15	-31	Pass
2341	2345	1	/	10	2345.000	-49.52	-25	Pass

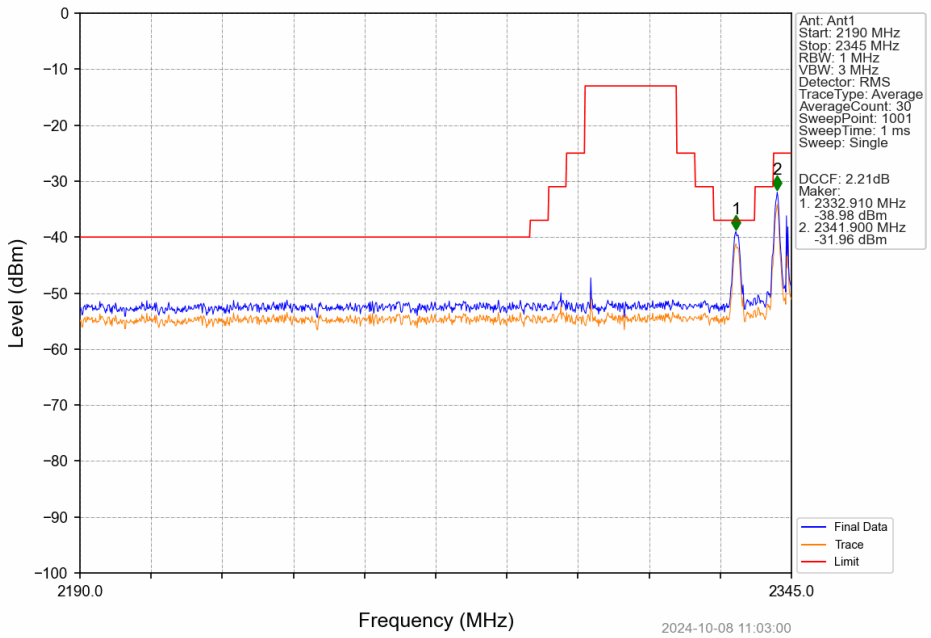
6.2.2 B40b_10MHz

Band40b_10MHz_QPSK_LCH_2355MHz_RB_1_0_NTNV

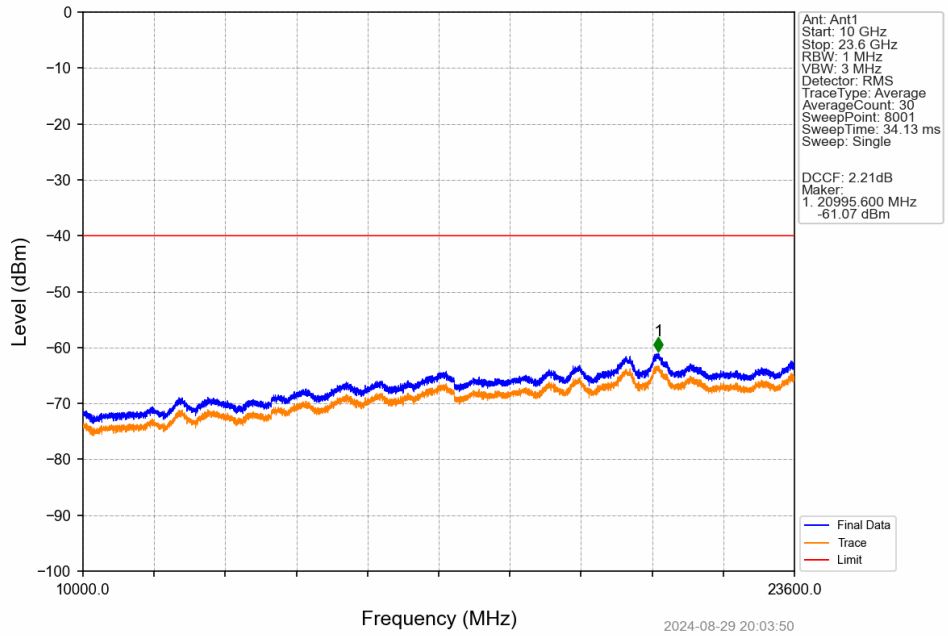


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	/	1	2282.845	-51.07	-40	Pass
2288	2292	1	/	2	2289.200	-51.18	-37	Pass
2292	2296	1	/	3	2293.075	-50.39	-31	Pass
2296	2300	1	/	4	2299.895	-50.90	-25	Pass
2300	2320	1	/	5	2306.870	-46.50	-13	Pass
2320	2324	1	/	6	2321.440	-51.64	-25	Pass
2324	2328	1	/	7	2326.865	-51.50	-31	Pass
2328	2337	1	/	8	2332.910	-37.25	-37	Pass
2337	2341	1	/	9	2339.265	-37.07	-31	Pass
2341	2345	1	/	10	2344.380	-33.41	-25	Pass

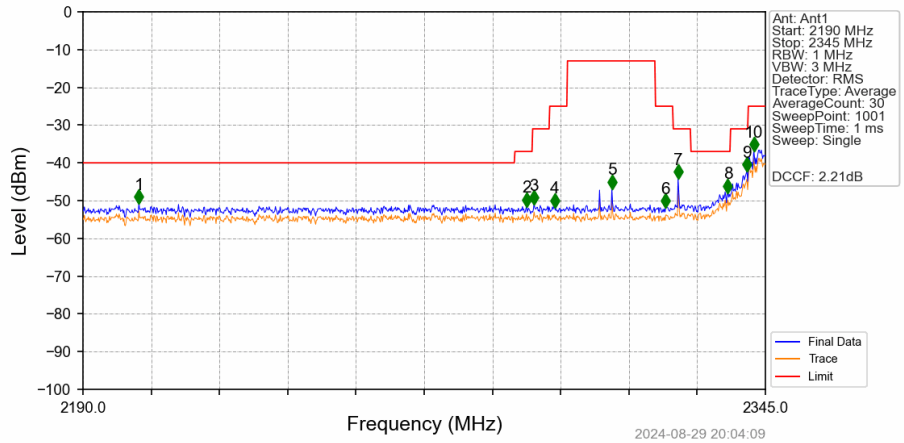
Band40b_10MHz_QPSK_LCH_2355MHz_RB_1_0_NTNV



Band40b_10MHz_QPSK_LCH_2355MHz_RB_1_0_NTNV

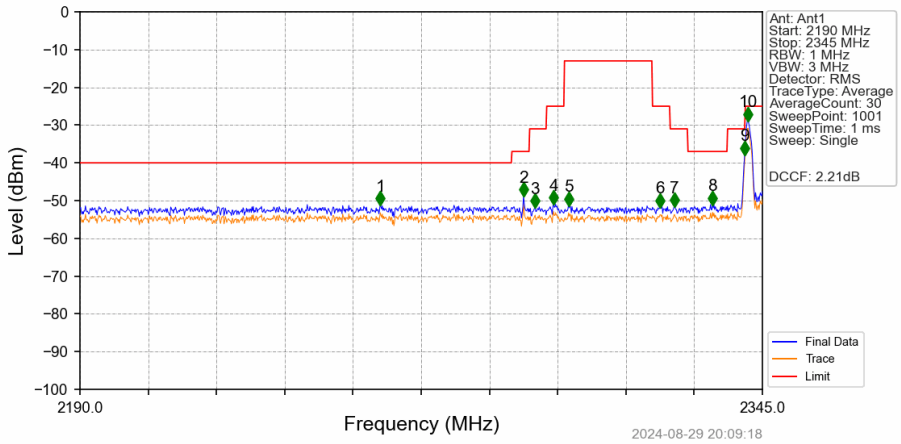


Band40b_10MHz_QPSK_LCH_2355MHz_RB_50_0_NTNV



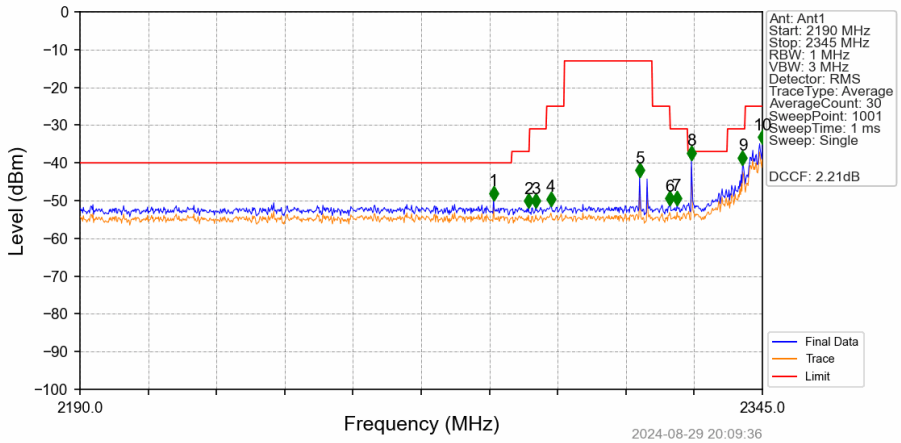
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	/	1	2202.710	-50.53	-40	Pass
2288	2292	1	/	2	2290.750	-51.32	-37	Pass
2292	2296	1	/	3	2292.455	-50.80	-31	Pass
2296	2300	1	/	4	2297.105	-51.53	-25	Pass
2300	2320	1	/	5	2310.125	-46.62	-13	Pass
2320	2324	1	/	6	2322.370	-51.62	-25	Pass
2324	2328	1	/	7	2325.160	-43.89	-31	Pass
2328	2337	1	/	8	2336.475	-47.63	-37	Pass
2337	2341	1	/	9	2340.815	-42.05	-31	Pass
2341	2345	1	/	10	2342.365	-36.60	-25	Pass

Band40b_10MHz_QPSK_HCH_2355MHz_RB_1_49_NTNV



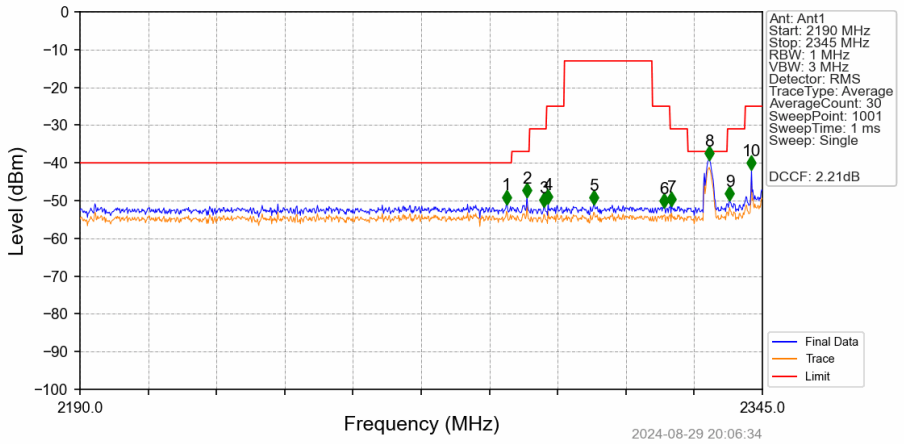
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	/	1	2258.200	-51.00	-40	Pass
2288	2292	1	/	2	2290.750	-48.55	-37	Pass
2292	2296	1	/	3	2293.385	-51.65	-31	Pass
2296	2300	1	/	4	2297.570	-50.70	-25	Pass
2300	2320	1	/	5	2300.980	-51.05	-13	Pass
2320	2324	1	/	6	2321.750	-51.52	-25	Pass
2324	2328	1	/	7	2325.005	-51.44	-31	Pass
2328	2337	1	/	8	2333.685	-50.88	-37	Pass
2337	2341	1	/	9	2340.970	-37.64	-31	Pass
2341	2345	1	/	10	2341.745	-28.62	-25	Pass

Band40b_10MHz_QPSK_HCH_2355MHz_RB_50_0_NTNV



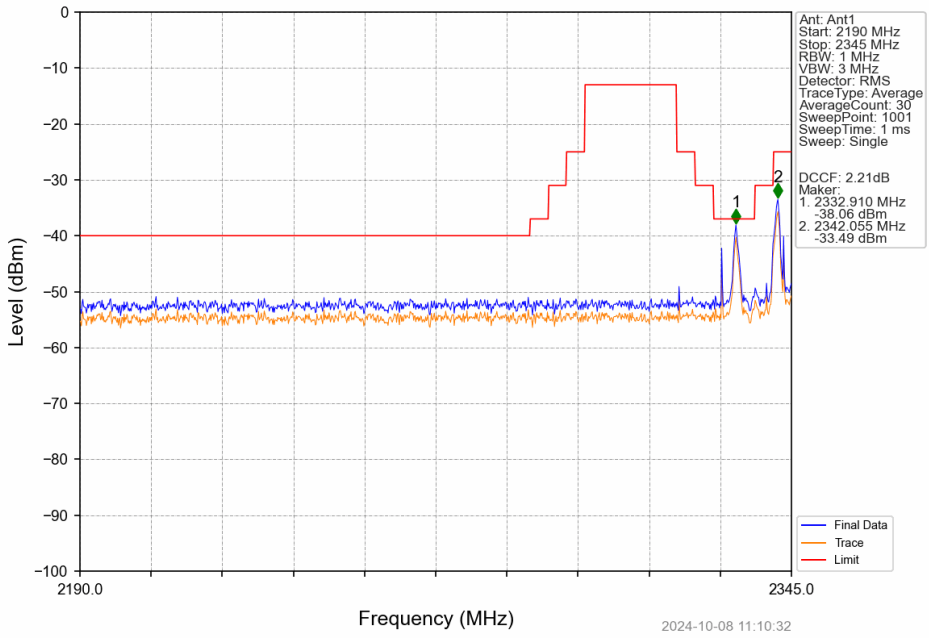
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	/	1	2283.930	-49.56	-40	Pass
2288	2292	1	/	2	2291.835	-51.68	-37	Pass
2292	2296	1	/	3	2293.540	-51.64	-31	Pass
2296	2300	1	/	4	2296.950	-51.08	-25	Pass
2300	2320	1	/	5	2317.100	-43.53	-13	Pass
2320	2324	1	/	6	2323.920	-50.94	-25	Pass
2324	2328	1	/	7	2325.625	-50.87	-31	Pass
2328	2337	1	/	8	2328.880	-38.90	-37	Pass
2337	2341	1	/	9	2340.505	-40.17	-31	Pass
2341	2345	1	/	10	2345.000	-34.67	-25	Pass

Band40b_10MHz_16QAM_LCH_2355MHz_RB_1_0_NTNV

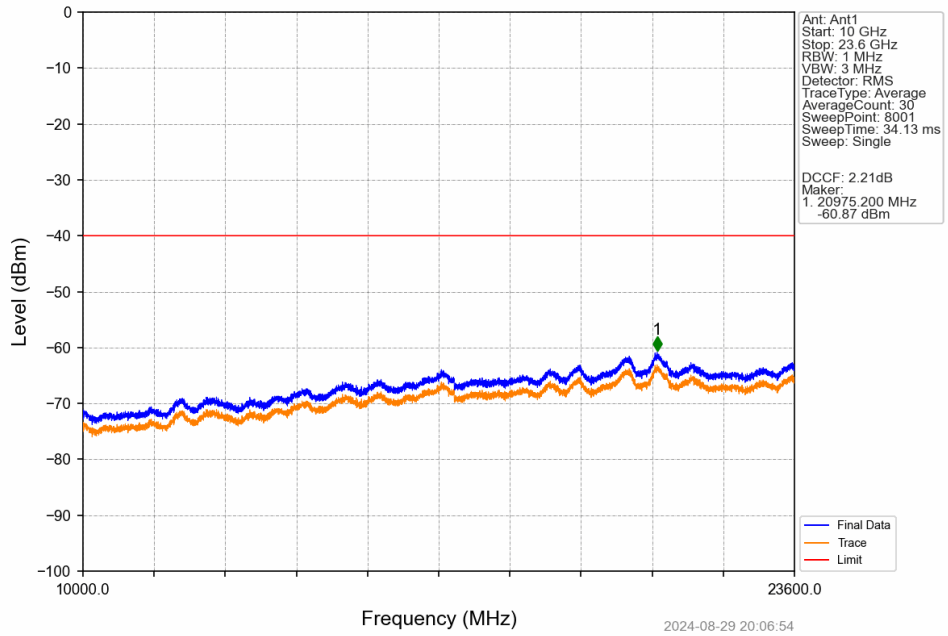


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	/	1	2286.875	-50.62	-40	Pass
2288	2292	1	/	2	2291.525	-48.81	-37	Pass
2292	2296	1	/	3	2295.400	-51.36	-31	Pass
2296	2300	1	/	4	2296.330	-50.59	-25	Pass
2300	2320	1	/	5	2306.715	-50.82	-13	Pass
2320	2324	1	/	6	2322.680	-51.59	-25	Pass
2324	2328	1	/	7	2324.385	-51.13	-31	Pass
2328	2337	1	/	8	2332.910	-38.99	-37	Pass
2337	2341	1	/	9	2337.560	-49.63	-31	Pass
2341	2345	1	/	10	2342.520	-41.57	-25	Pass

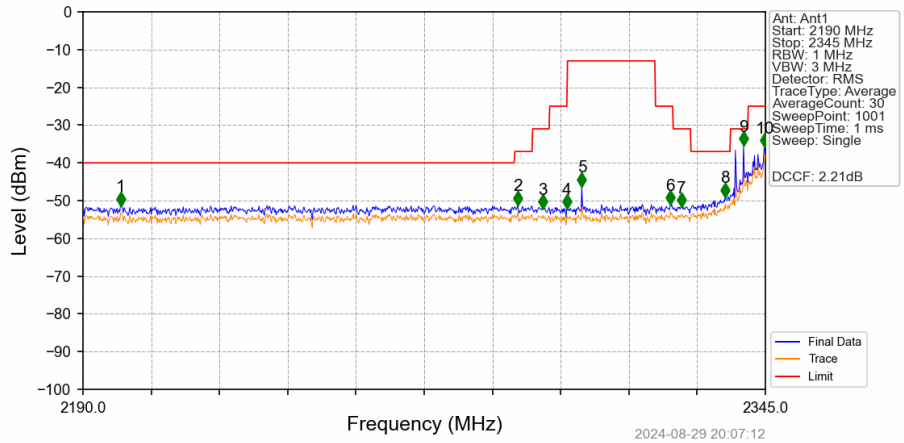
Band40b_10MHz_16QAM_LCH_2355MHz_RB_1_0_NTNV



Band40b_10MHz_16QAM_LCH_2355MHz_RB_1_0_NTNV

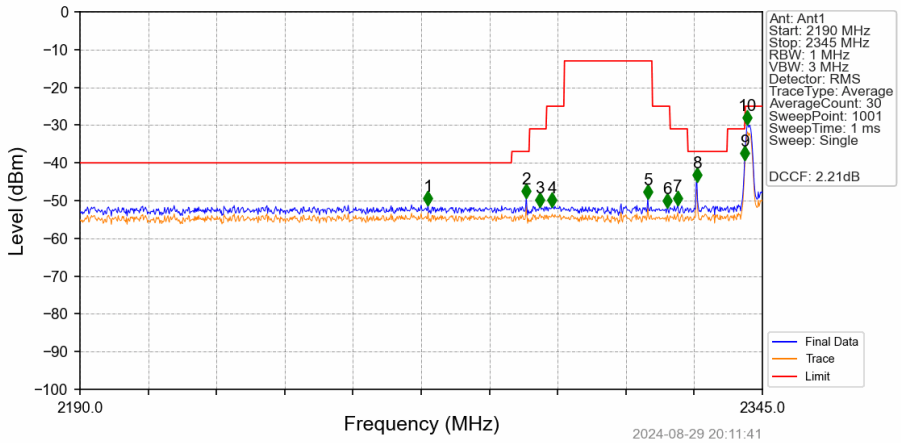


Band40b_10MHz_16QAM_LCH_2355MHz_RB_50_0_NTNV



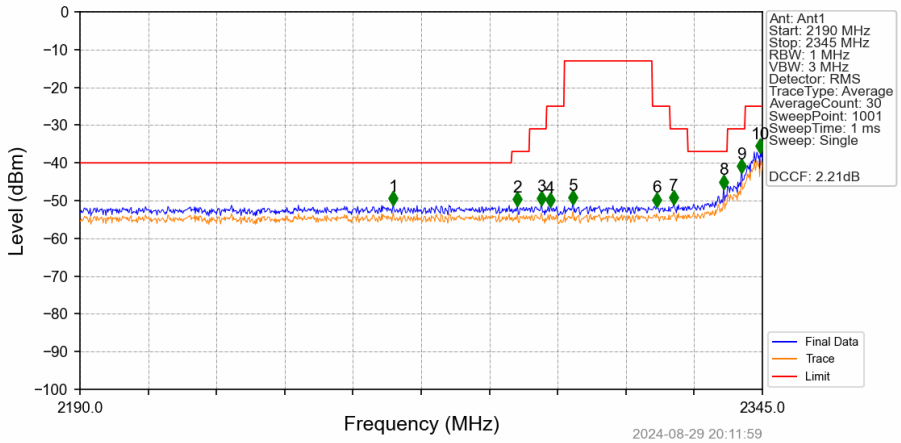
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	/	1	2198.525	-51.06	-40	Pass
2288	2292	1	/	2	2288.735	-50.86	-37	Pass
2292	2296	1	/	3	2294.470	-51.77	-31	Pass
2296	2300	1	/	4	2299.895	-51.81	-25	Pass
2300	2320	1	/	5	2303.305	-45.97	-13	Pass
2320	2324	1	/	6	2323.455	-50.71	-25	Pass
2324	2328	1	/	7	2325.935	-51.41	-31	Pass
2328	2337	1	/	8	2335.855	-48.73	-37	Pass
2337	2341	1	/	9	2340.040	-35.19	-31	Pass
2341	2345	1	/	10	2344.845	-35.64	-25	Pass

Band40b_10MHz_16QAM_HCH_2355MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	/	1	2269.050	-50.95	-40	Pass
2288	2292	1	/	2	2291.370	-49.06	-37	Pass
2292	2296	1	/	3	2294.470	-51.39	-31	Pass
2296	2300	1	/	4	2297.260	-51.35	-25	Pass
2300	2320	1	/	5	2318.960	-49.32	-13	Pass
2320	2324	1	/	6	2323.455	-51.66	-25	Pass
2324	2328	1	/	7	2325.780	-51.00	-31	Pass
2328	2337	1	/	8	2330.120	-44.84	-37	Pass
2337	2341	1	/	9	2340.970	-39.01	-31	Pass
2341	2345	1	/	10	2341.590	-29.58	-25	Pass

Band40b_10MHz_16QAM_HCH_2355MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	/	1	2261.145	-50.91	-40	Pass
2288	2292	1	/	2	2289.355	-51.17	-37	Pass
2292	2296	1	/	3	2294.780	-51.04	-31	Pass
2296	2300	1	/	4	2296.795	-51.42	-25	Pass
2300	2320	1	/	5	2301.910	-50.80	-13	Pass
2320	2324	1	/	6	2320.975	-51.28	-25	Pass
2324	2328	1	/	7	2324.850	-50.83	-31	Pass
2328	2337	1	/	8	2336.165	-46.62	-37	Pass
2337	2341	1	/	9	2340.195	-42.42	-31	Pass
2341	2345	1	/	10	2344.535	-37.07	-25	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)
40b	5	2352.5	2357.5	0.1057	0.0021	ppm	4M54G7D	/	20.24
40b	5	2352.5	2357.5	0.0809	0.0020	ppm	4M58W7D	/	19.08
40b	10	2355	2355	0.1358	0.0020	ppm	9M04G7D	/	21.33
40b	10	2355	2355	0.0877	0.0019	ppm	9M06W7D	/	19.43

7.1.2 Form731_EIRP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
40b	5	2352.5	2357.5	0.1581	0.0021	ppm	4M54G7D	/	21.99
40b	5	2352.5	2357.5	0.1211	0.0020	ppm	4M58W7D	/	20.83
40b	10	2355	2355	0.2032	0.0020	ppm	9M04G7D	/	23.08
40b	10	2355	2355	0.1312	0.0019	ppm	9M06W7D	/	21.18