

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B40a_5MHz_EIRP

Band: 40a / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2307.5	1	0	23.71	0.00	23.71	<=23.98	Pass
			24	23.45	0.00	23.45	<=23.98	Pass
		25	0	22.62	0.00	22.62	<=23.98	Pass
	2310	1	0	23.37	0.00	23.37	<=23.98	Pass
			24	23.36	0.00	23.36	<=23.98	Pass
		25	0	22.28	0.00	22.28	<=23.98	Pass
	2312.5	1	0	23.37	0.00	23.37	<=23.98	Pass
			24	23.34	0.00	23.34	<=23.98	Pass
		25	0	22.25	0.00	22.25	<=23.98	Pass
16QAM	2307.5	1	0	23.29	0.00	23.29	<=23.98	Pass
			24	23.04	0.00	23.04	<=23.98	Pass
		25	0	21.76	0.00	21.76	<=23.98	Pass
	2310	1	0	22.67	0.00	22.67	<=23.98	Pass
			24	22.66	0.00	22.66	<=23.98	Pass
		25	0	21.34	0.00	21.34	<=23.98	Pass
	2312.5	1	0	22.65	0.00	22.65	<=23.98	Pass
			24	22.71	0.00	22.71	<=23.98	Pass
		25	0	21.32	0.00	21.32	<=23.98	Pass
64QAM	2307.5	1	0	21.88	0.00	21.88	<=23.98	Pass
			24	21.54	0.00	21.54	<=23.98	Pass
		25	0	20.77	0.00	20.77	<=23.98	Pass
	2310	1	0	21.31	0.00	21.31	<=23.98	Pass
			24	21.30	0.00	21.30	<=23.98	Pass
		25	0	20.32	0.00	20.32	<=23.98	Pass
	2312.5	1	0	21.30	0.00	21.30	<=23.98	Pass
			24	21.29	0.00	21.29	<=23.98	Pass
		25	0	20.30	0.00	20.30	<=23.98	Pass
256QAM	2307.5	1	0	19.32	0.00	19.32	<=23.98	Pass
			24	18.97	0.00	18.97	<=23.98	Pass
		25	0	18.83	0.00	18.83	<=23.98	Pass
	2310	1	0	18.73	0.00	18.73	<=23.98	Pass
			24	18.73	0.00	18.73	<=23.98	Pass
		25	0	18.33	0.00	18.33	<=23.98	Pass
	2312.5	1	0	18.74	0.00	18.74	<=23.98	Pass
			24	18.73	0.00	18.73	<=23.98	Pass
		25	0	18.35	0.00	18.35	<=23.98	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B40a_10MHz_EIRP

Band: 40a / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2310	1	0	23.37	0.00	23.37	<=23.98	Pass
			49	23.20	0.00	23.20	<=23.98	Pass
		50	0	22.26	0.00	22.26	<=23.98	Pass
16QAM	2310	1	0	22.89	0.00	22.89	<=23.98	Pass

			49	22.82	0.00	22.82	<=23.98	Pass
		50	0	21.32	0.00	21.32	<=23.98	Pass
64QAM	2310	1	0	21.37	0.00	21.37	<=23.98	Pass
			49	21.34	0.00	21.34	<=23.98	Pass
		50	0	20.32	0.00	20.32	<=23.98	Pass
256QAM	2310	1	0	18.76	0.00	18.76	<=23.98	Pass
			49	18.77	0.00	18.77	<=23.98	Pass
		50	0	18.36	0.00	18.36	<=23.98	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B40a_10MHz

Band: 40a / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2310	50	0	20	LV	-1.200	-0.0005	-2.5 to 2.5	Pass
					NV	-1.400	-0.0006	-2.5 to 2.5	Pass
					HV	-3.600	-0.0016	-2.5 to 2.5	Pass
				-30	NV	-0.100	0.0000	-2.5 to 2.5	Pass
				-20	NV	1.200	0.0005	-2.5 to 2.5	Pass
				-10	NV	0.000	0.0000	-2.5 to 2.5	Pass
				0	NV	0.000	0.0000	-2.5 to 2.5	Pass
				10	NV	-5.800	-0.0025	-2.5 to 2.5	Pass
				30	NV	-2.700	-0.0012	-2.5 to 2.5	Pass
				40	NV	5.800	0.0025	-2.5 to 2.5	Pass
				50	NV	-4.200	-0.0018	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band40a_OBW

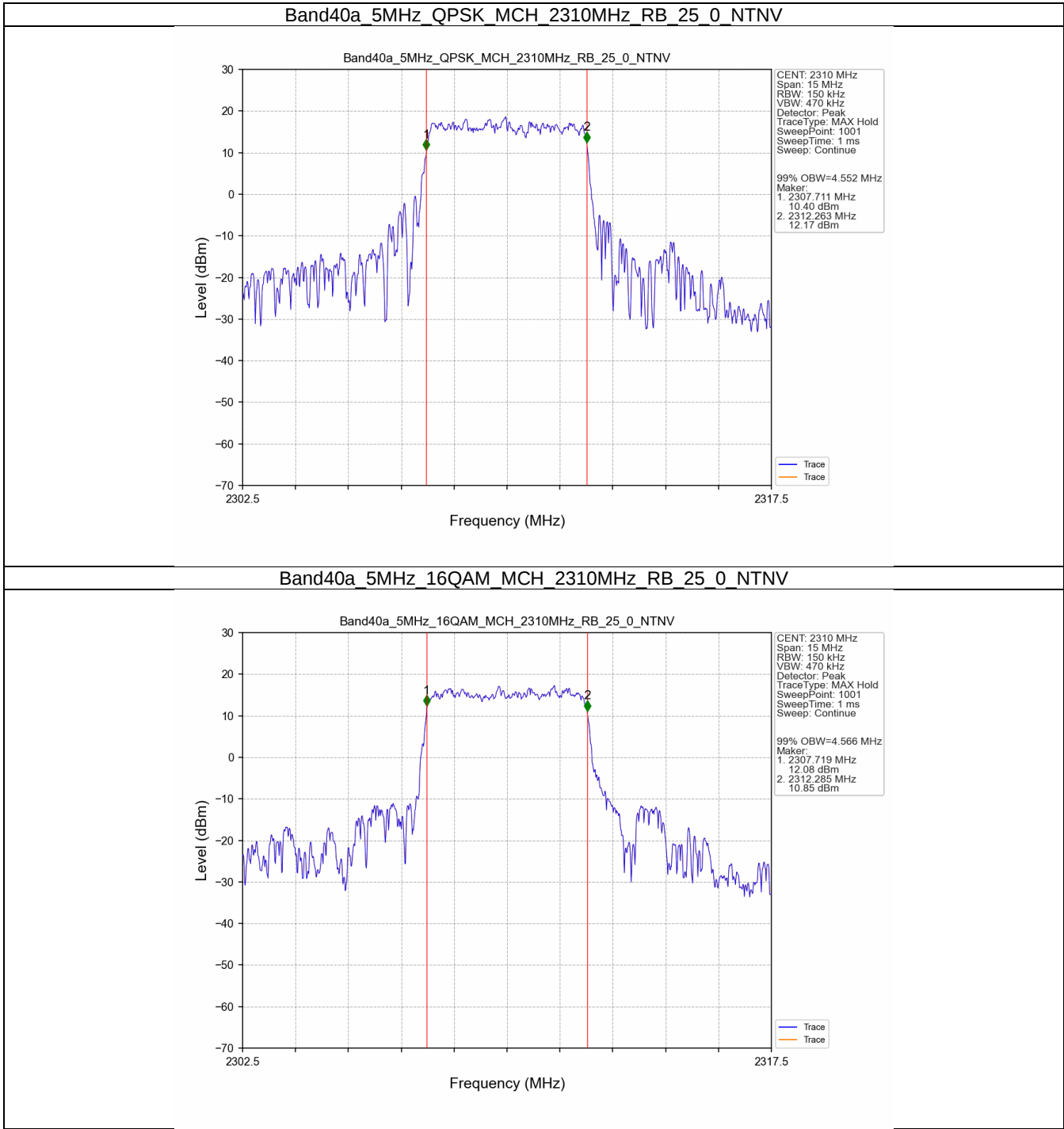
Band: 40a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2310	25	0	4.552	/	Pass
	16QAM	2310	25	0	4.566	/	Pass
10	QPSK	2310	50	0	9.075	/	Pass
	16QAM	2310	50	0	9.080	/	Pass

3.1.2 Band40a_XDB

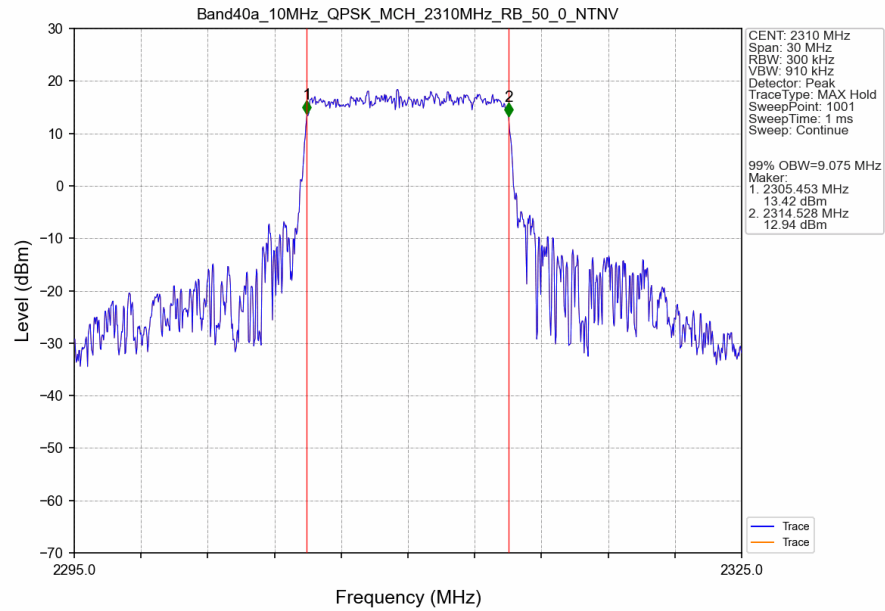
Band: 40a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2310	25	0	6.280	/	Pass
	16QAM	2310	25	0	5.293	/	Pass
10	QPSK	2310	50	0	11.918	/	Pass
	16QAM	2310	50	0	12.379	/	Pass

3.2 Test Graph

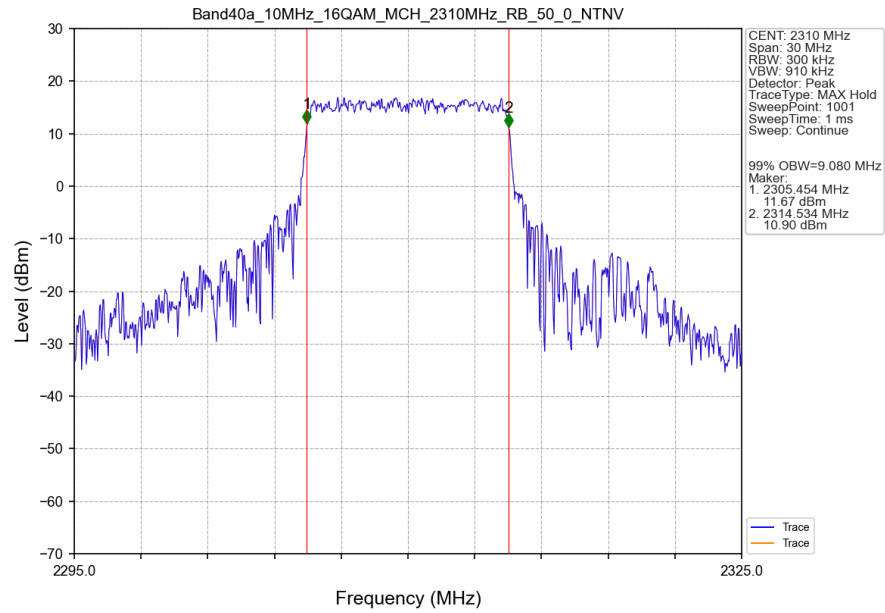
3.2.1 Band40a_OBW



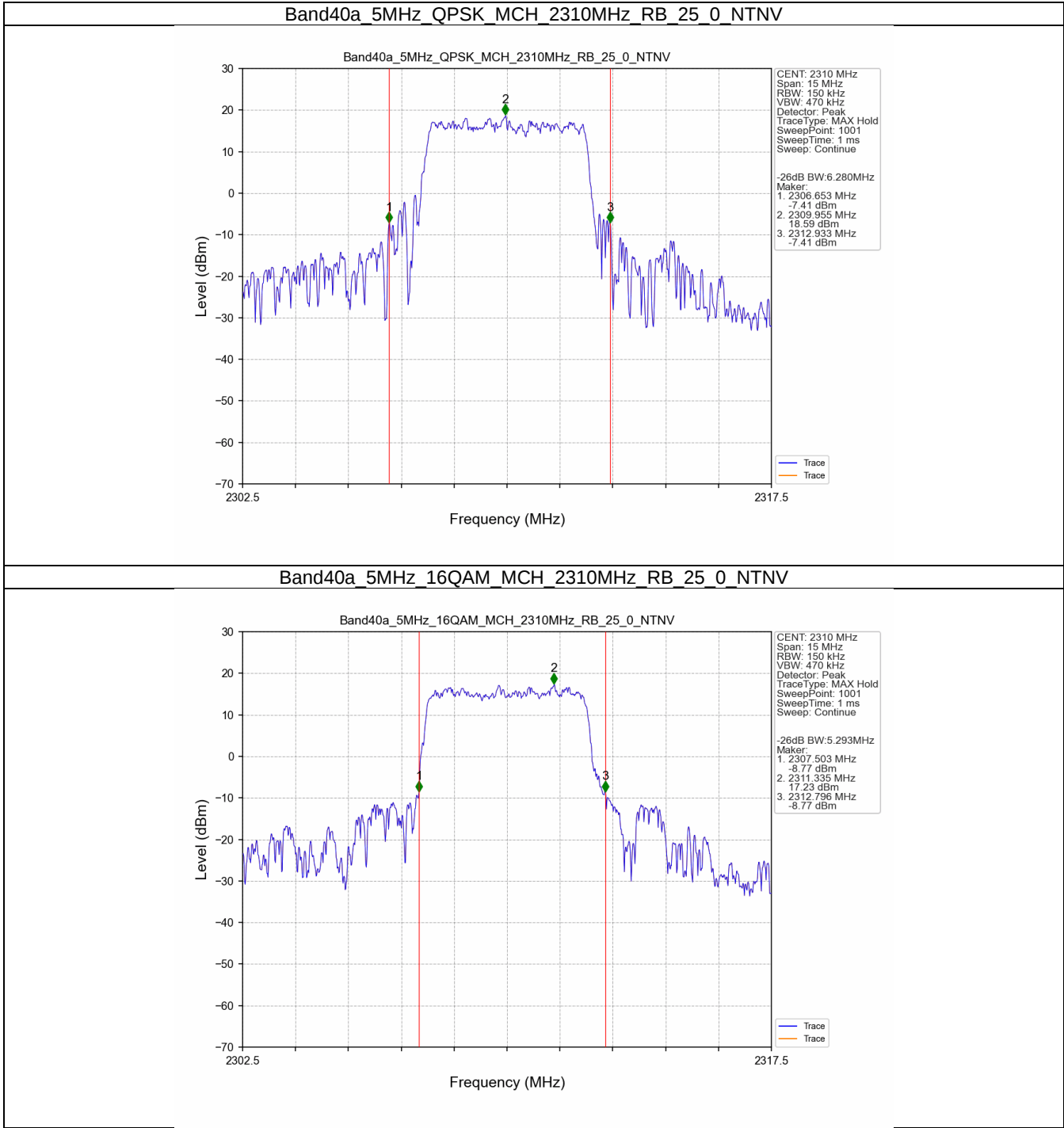
Band40a_10MHz_QPSK_MCH_2310MHz_RB_50_0_NTNV



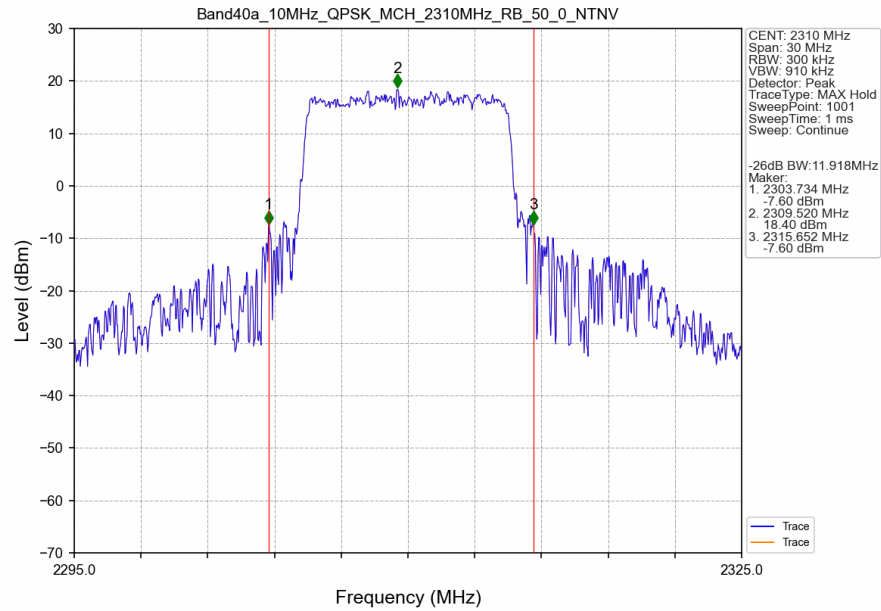
Band40a_10MHz_16QAM_MCH_2310MHz_RB_50_0_NTNV



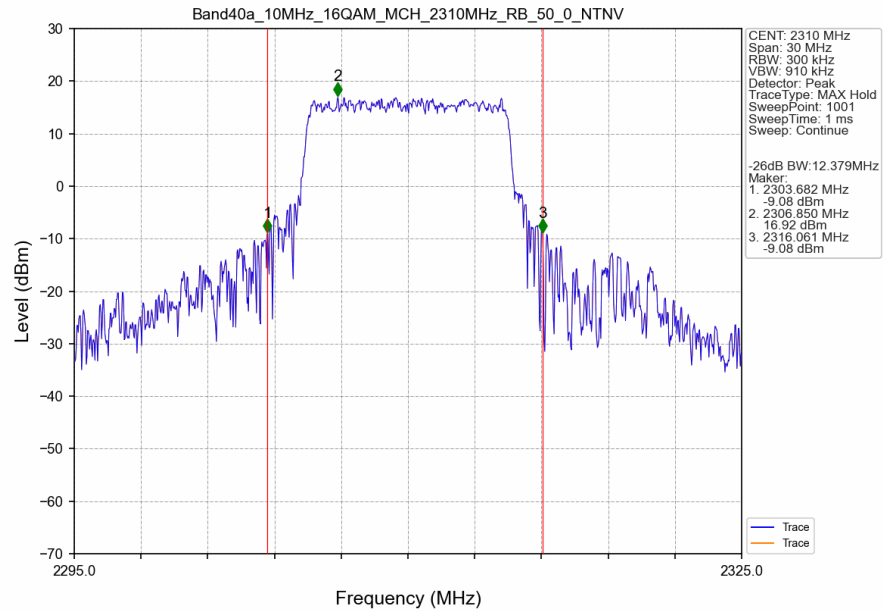
3.2.2 Band40a_XDB



Band40a 10MHz QPSK MCH 2310MHz RB 50 0 NTV



Band40a 10MHz 16QAM MCH 2310MHz RB 50 0 NTV



4. Peak-Average Ratio

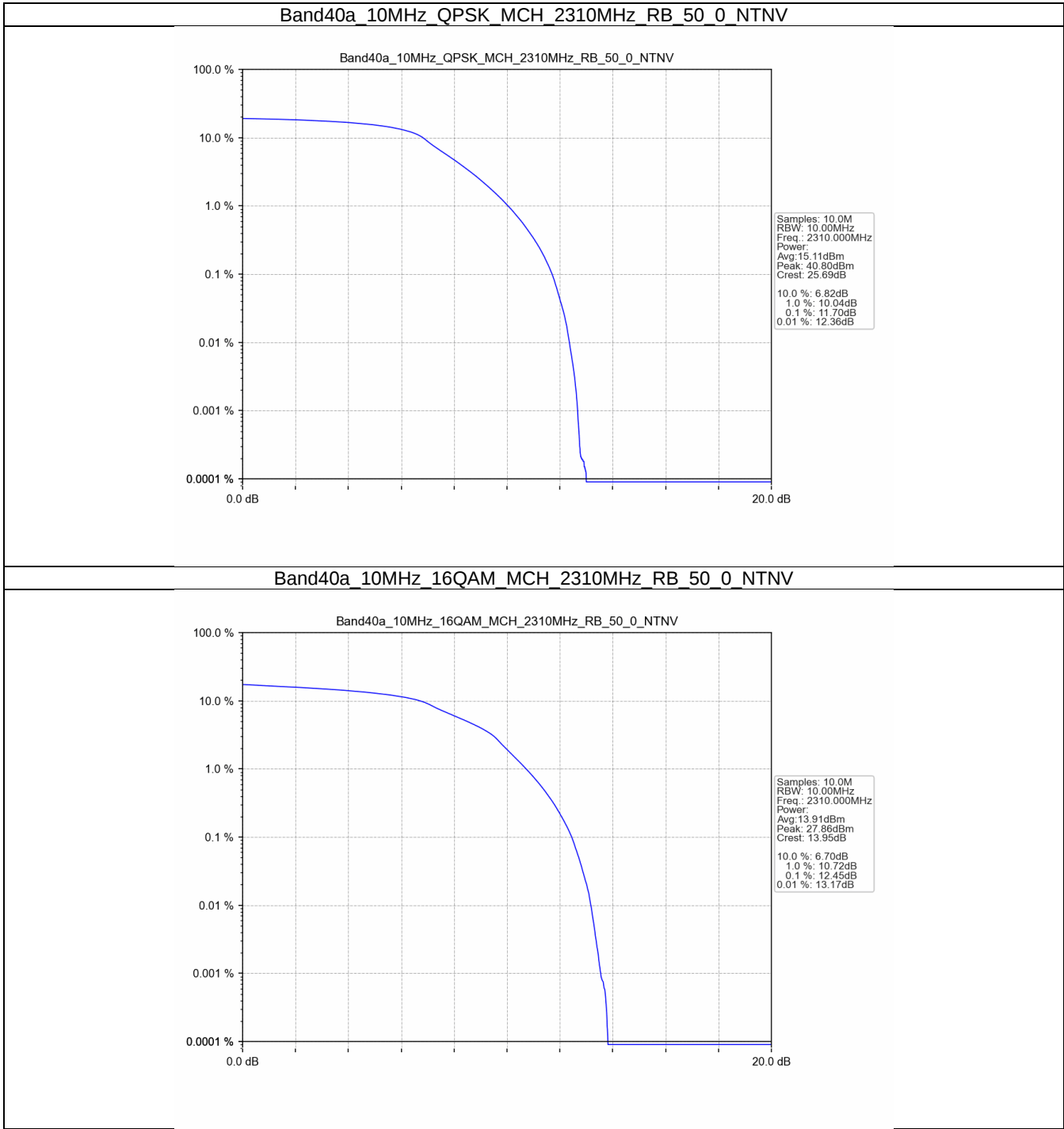
4.1 Test Result

4.1.1 B40a_10MHz

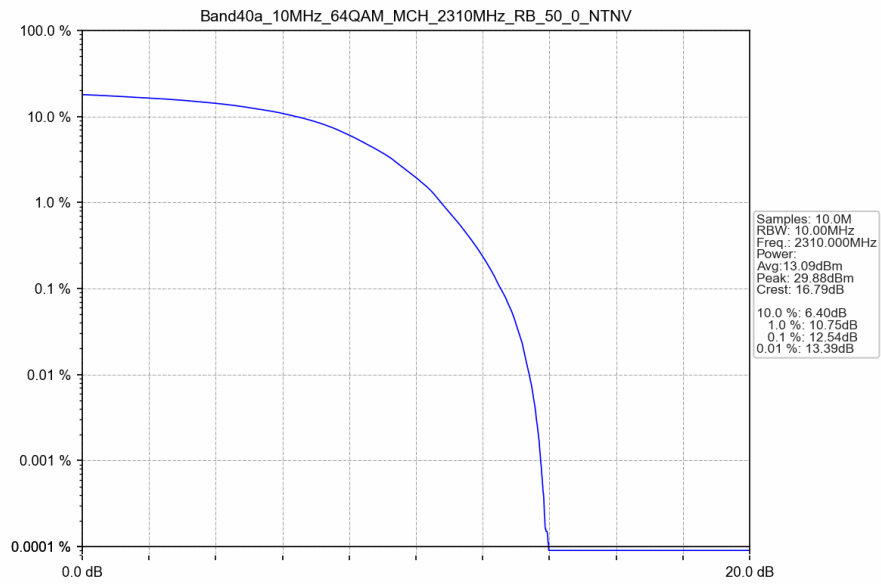
Band: 40a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	50	0	11.70	<=13	Pass
16QAM	2310	50	0	12.45	<=13	Pass
64QAM	2310	50	0	12.54	<=13	Pass
256QAM	2310	50	0	12.74	<=13	Pass

4.2 Test Graph

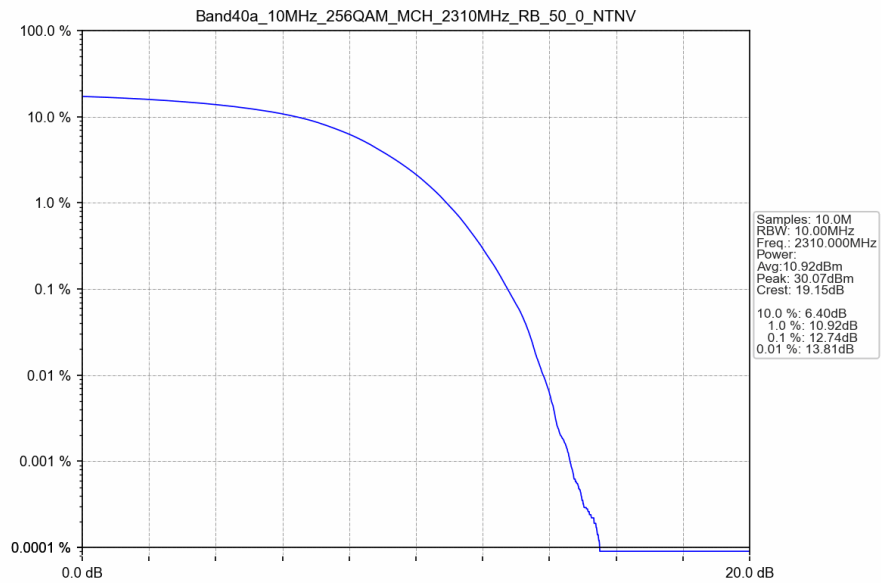
4.2.1 B40a_10MHz



Band40a 10MHz 64QAM MCH 2310MHz RB 50 0 NTNV



Band40a 10MHz 256QAM MCH 2310MHz RB 50 0 NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B40a_5MHz

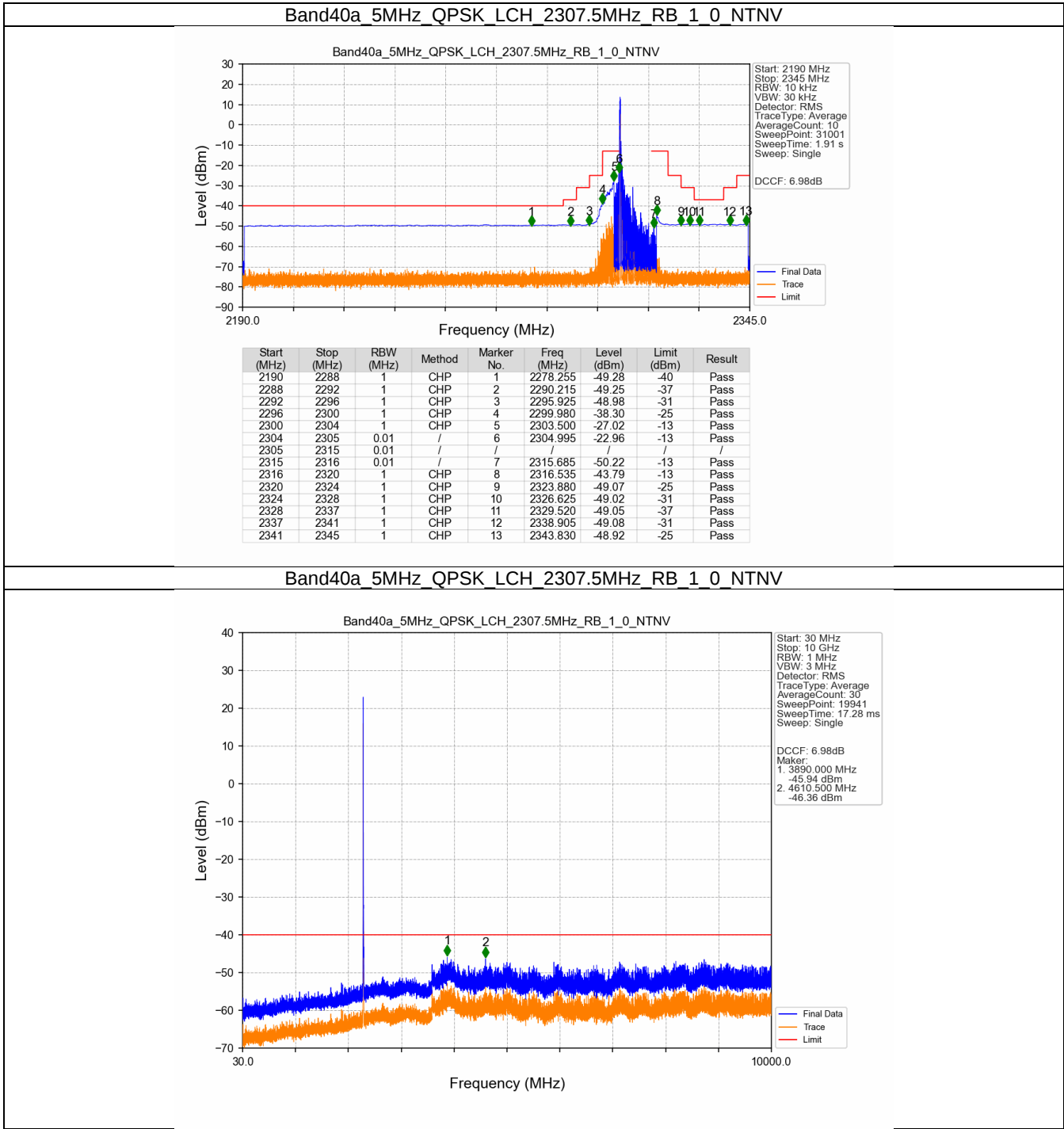
Band: 40a / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2307.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2310	1	0	Refer To Test Graph		Pass
	2312.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B40a_10MHz

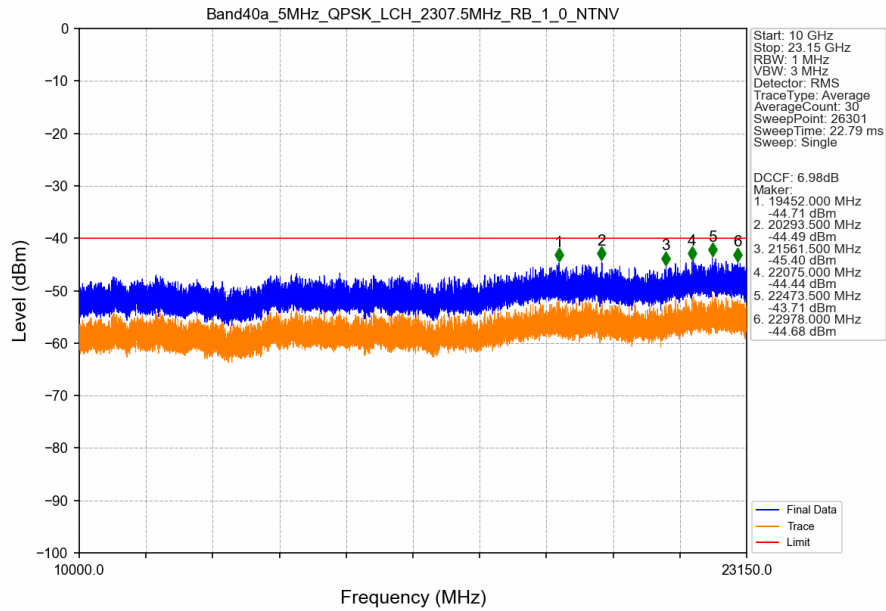
Band: 40a / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2310	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2310	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.2 Test Graph

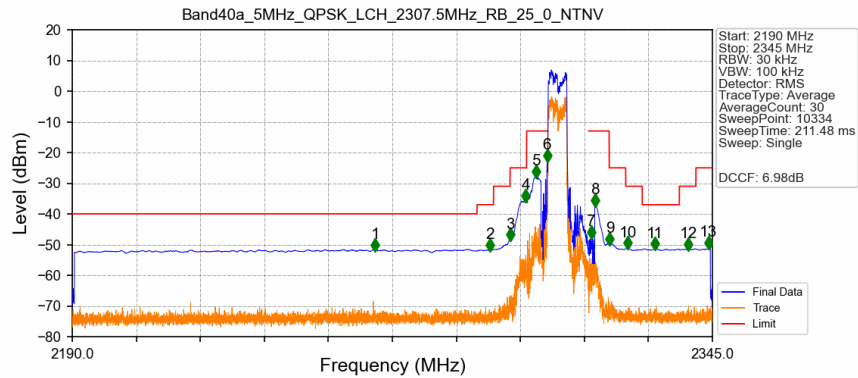
5.2.1 B40a_5MHz



Band40a 5MHz QPSK LCH 2307.5MHz RB 1 0 NTNV

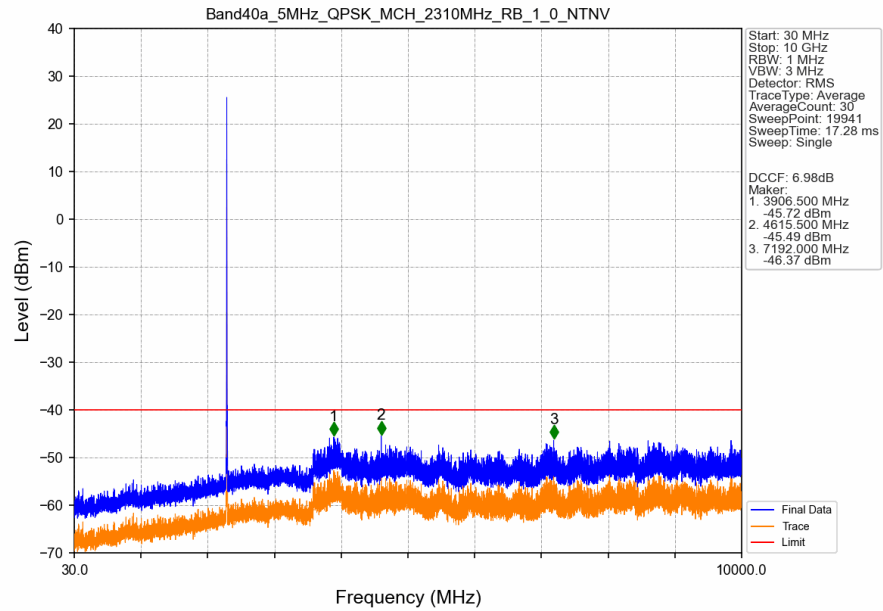


Band40a 5MHz QPSK LCH 2307.5MHz RB 25 0 NTNV

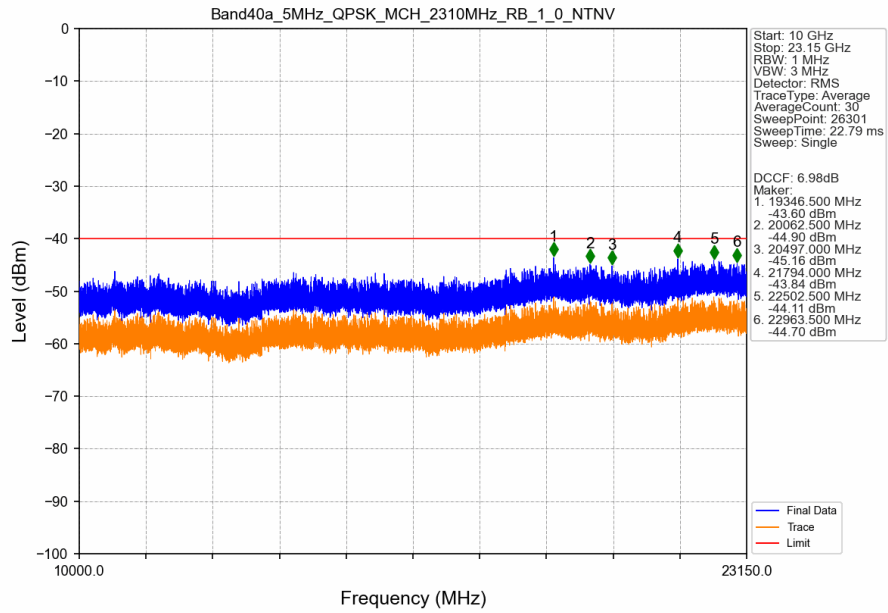


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2263.337	-51.58	-40	Pass
2288	2292	1	CHP	2	2291.088	-51.65	-37	Pass
2292	2296	1	CHP	3	2295.993	-48.37	-31	Pass
2296	2300	1	CHP	4	2299.789	-35.64	-25	Pass
2300	2304	1	CHP	5	2302.309	-27.76	-13	Pass
2304	2305	0.063	CHP	6	2304.979	-22.53	-13	Pass
2305	2315	0.063	CHP	/	/	/	/	/
2315	2316	0.063	CHP	7	2315.629	-47.50	-13	Pass
2316	2320	1	CHP	8	2316.514	-37.12	-13	Pass
2320	2324	1	CHP	9	2320.159	-49.64	-25	Pass
2324	2328	1	CHP	10	2324.509	-51.08	-31	Pass
2328	2337	1	CHP	11	2331.110	-51.29	-37	Pass
2337	2341	1	CHP	12	2339.225	-51.35	-31	Pass
2341	2345	1	CHP	13	2344.055	-51.01	-25	Pass

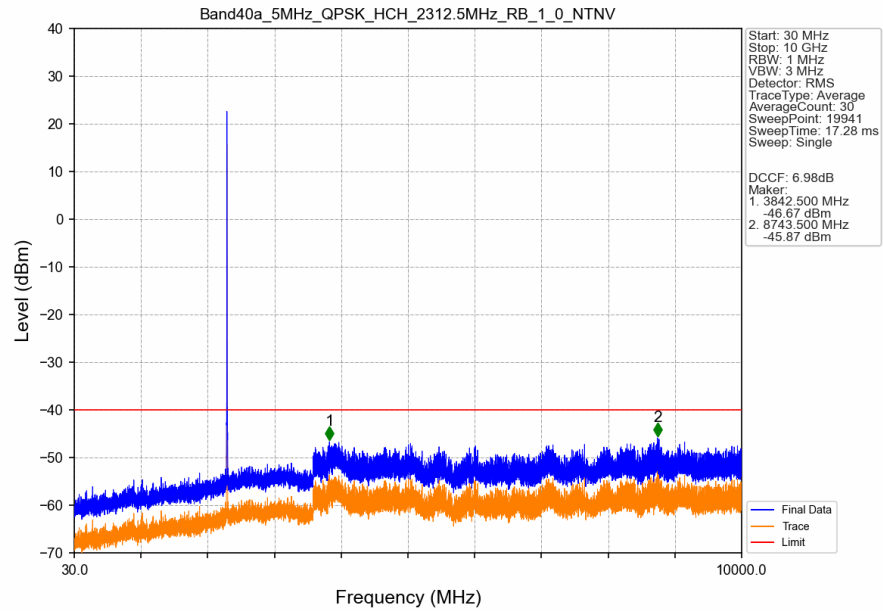
Band40a 5MHz QPSK MCH 2310MHz RB 1 0 NTV



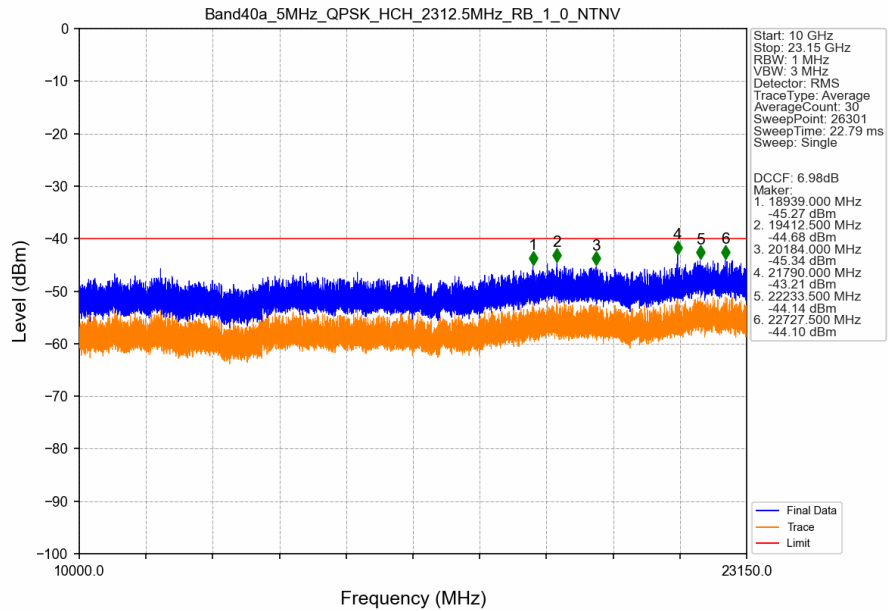
Band40a 5MHz QPSK MCH 2310MHz RB 1 0 NTV



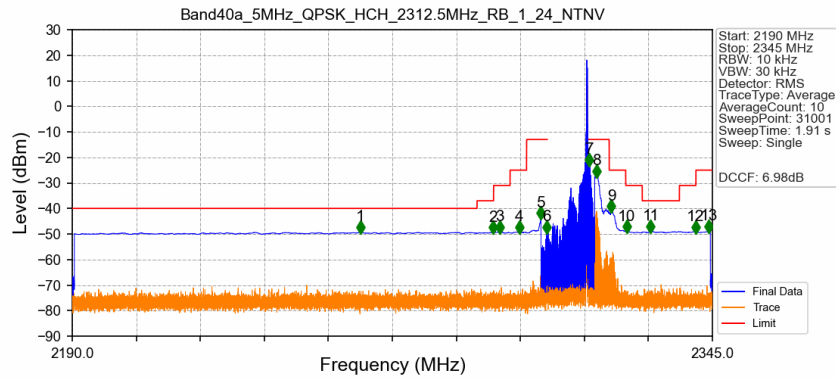
Band40a 5MHz QPSK HCH 2312.5MHz RB 1 0 NTV



Band40a 5MHz QPSK HCH 2312.5MHz RB 1 0 NTV

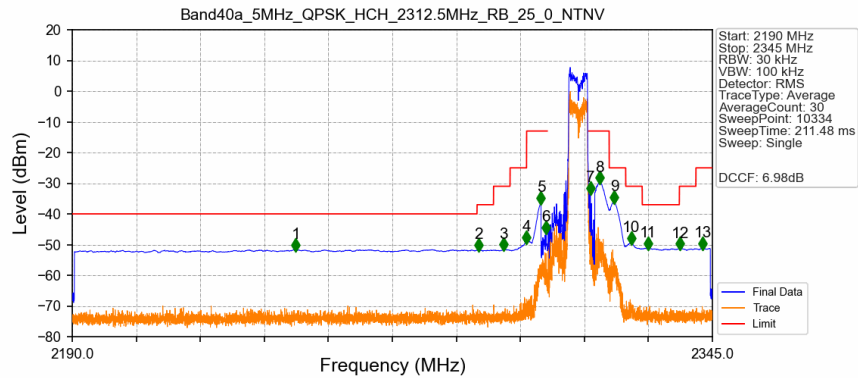


Band40a 5MHz QPSK HCH 2312.5MHz RB 1 24 NTNV



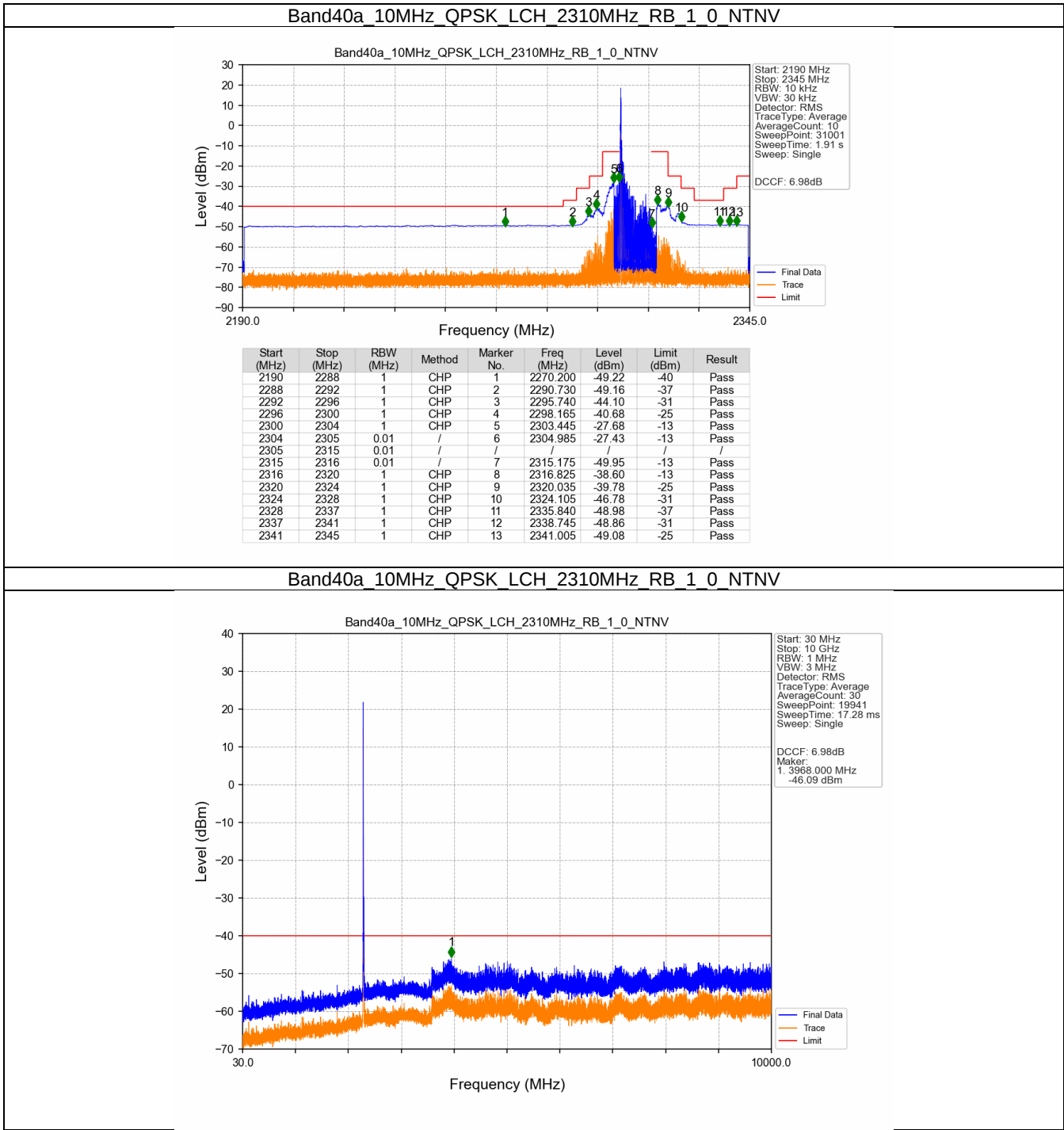
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2259.805	-49.29	-40	Pass
2288	2292	1	CHP	2	2291.885	-49.30	-37	Pass
2292	2296	1	CHP	3	2293.470	-49.21	-31	Pass
2296	2300	1	CHP	4	2298.195	-49.19	-25	Pass
2300	2304	1	CHP	5	2303.465	-43.71	-13	Pass
2304	2305	0.01	/	6	2304.825	-49.16	-13	Pass
2305	2315	0.01	/	/	/	/	/	/
2315	2316	0.01	/	7	2315.200	-22.72	-13	Pass
2316	2320	1	CHP	8	2316.885	-27.16	-13	Pass
2320	2324	1	CHP	9	2320.530	-41.02	-25	Pass
2324	2328	1	CHP	10	2324.210	-49.01	-31	Pass
2328	2337	1	CHP	11	2330.040	-48.98	-37	Pass
2337	2341	1	CHP	12	2340.945	-49.09	-31	Pass
2341	2345	1	CHP	13	2344.100	-48.99	-25	Pass

Band40a 5MHz QPSK HCH 2312.5MHz RB 25 0 NTNV

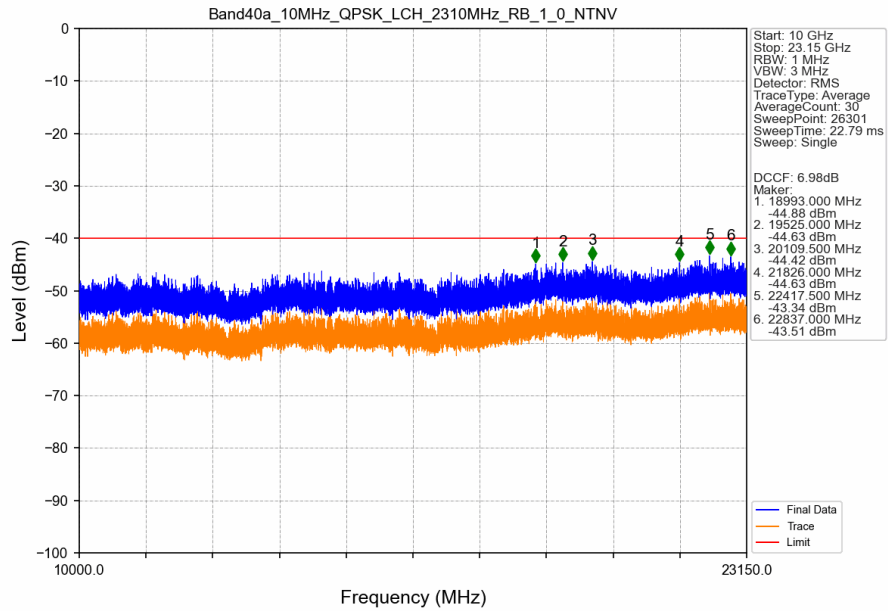


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2244.092	-51.66	-40	Pass
2288	2292	1	CHP	2	2288.403	-51.63	-37	Pass
2292	2296	1	CHP	3	2294.403	-51.55	-31	Pass
2296	2300	1	CHP	4	2299.954	-49.17	-25	Pass
2300	2304	1	CHP	5	2303.494	-36.30	-13	Pass
2304	2305	0.063	CHP	6	2304.724	-46.03	-13	Pass
2305	2315	0.063	CHP	/	/	/	/	/
2315	2316	0.063	CHP	7	2315.449	-33.07	-13	Pass
2316	2320	1	CHP	8	2317.774	-29.80	-13	Pass
2320	2324	1	CHP	9	2321.254	-36.03	-25	Pass
2324	2328	1	CHP	10	2325.334	-49.45	-31	Pass
2328	2337	1	CHP	11	2329.429	-51.11	-37	Pass
2337	2341	1	CHP	12	2337.155	-51.30	-31	Pass
2341	2345	1	CHP	13	2342.615	-51.13	-25	Pass

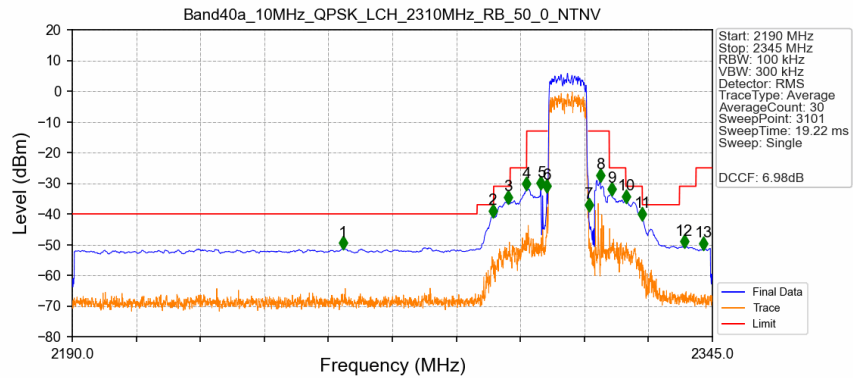
5.2.2 B40a_10MHz



Band40a 10MHz QPSK LCH 2310MHz RB 1 0 NTNV

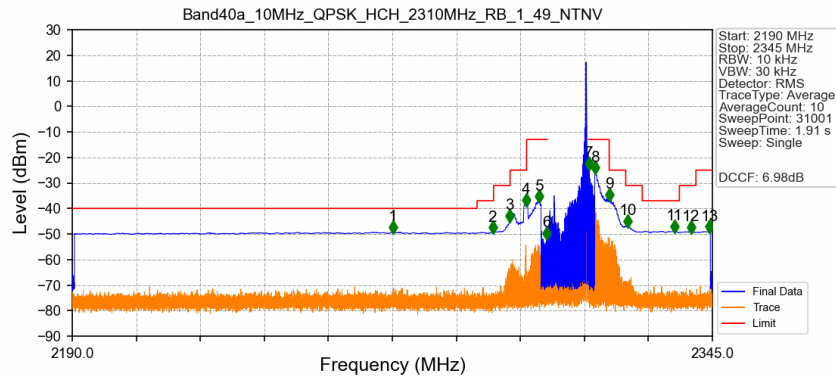


Band40a 10MHz QPSK LCH 2310MHz RB 50 0 NTNV



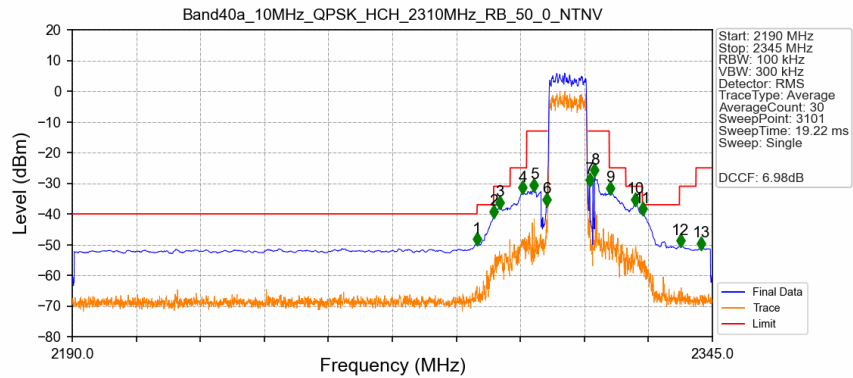
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2255.600	-51.03	-40	Pass
2288	2292	1	CHP	2	2291.800	-40.52	-37	Pass
2292	2296	1	CHP	3	2295.450	-36.15	-31	Pass
2296	2300	1	CHP	4	2300.000	-31.80	-25	Pass
2300	2304	1	CHP	5	2303.500	-31.55	-13	Pass
2304	2305	0.119	CHP	6	2304.950	-32.38	-13	Pass
2305	2315	0.119	CHP	/	/	/	/	/
2315	2316	0.119	CHP	7	2315.050	-38.59	-13	Pass
2316	2320	1	CHP	8	2317.800	-28.96	-13	Pass
2320	2324	1	CHP	9	2320.550	-33.35	-25	Pass
2324	2328	1	CHP	10	2324.150	-35.91	-31	Pass
2328	2337	1	CHP	11	2328.050	-41.58	-37	Pass
2337	2341	1	CHP	12	2338.150	-50.57	-31	Pass
2341	2345	1	CHP	13	2342.800	-51.26	-25	Pass

Band40a 10MHz QPSK HCH 2310MHz RB 1 49 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2267.640	-49.25	-40	Pass
2288	2292	1	CHP	2	2291.805	-49.31	-37	Pass
2292	2296	1	CHP	3	2295.940	-44.80	-31	Pass
2296	2300	1	CHP	4	2299.900	-38.56	-25	Pass
2300	2304	1	CHP	5	2303.115	-37.21	-13	Pass
2304	2305	0.01	/	6	2304.825	-51.47	-13	Pass
2305	2315	0.01	/	/	/	/	/	/
2315	2316	0.01	/	7	2315.175	-24.37	-13	Pass
2316	2320	1	CHP	8	2316.570	-25.95	-13	Pass
2320	2324	1	CHP	9	2320.085	-36.38	-25	Pass
2324	2328	1	CHP	10	2324.555	-46.84	-31	Pass
2328	2337	1	CHP	11	2335.775	-48.87	-37	Pass
2337	2341	1	CHP	12	2339.840	-49.09	-31	Pass
2341	2345	1	CHP	13	2344.320	-49.03	-25	Pass

Band40a 10MHz QPSK HCH 2310MHz RB 50 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2288.000	-49.83	-40	Pass
2288	2292	1	CHP	2	2292.000	-40.88	-37	Pass
2292	2296	1	CHP	3	2293.600	-37.79	-31	Pass
2296	2300	1	CHP	4	2299.100	-33.03	-25	Pass
2300	2304	1	CHP	5	2301.850	-32.12	-13	Pass
2304	2305	0.119	CHP	6	2304.850	-36.85	-13	Pass
2305	2315	0.119	CHP	/	/	/	/	/
2315	2316	0.119	CHP	7	2315.250	-30.43	-13	Pass
2316	2320	1	CHP	8	2316.500	-27.36	-13	Pass
2320	2324	1	CHP	9	2320.200	-33.15	-25	Pass
2324	2328	1	CHP	10	2326.400	-36.91	-31	Pass
2328	2337	1	CHP	11	2328.150	-39.97	-37	Pass
2337	2341	1	CHP	12	2337.250	-50.28	-31	Pass
2341	2345	1	CHP	13	2342.250	-51.14	-25	Pass

6. Field Strength of Spurious Radiation

LTE Band 40 2305-2315- Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4611.0	-47.54	-40	-7.54	-52.7	4.4	9.56	Horizontal	Pass
6916.5	-58.6	-40	-18.6	-64.71	4.91	11.02	Horizontal	Pass
9222.0	-47.03	-40	-7.03	-55.01	5.24	13.22	Horizontal	Pass
4611.0	-54.88	-40	-14.88	-60.04	4.4	9.56	Vertical	Pass
6916.5	-61.49	-40	-21.49	-67.6	4.91	11.02	Vertical	Pass
9222.0	-45.08	-40	-5.08	-53.06	5.24	13.22	Vertical	Pass

LTE Band 40 2305-2315-Low channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4610.5	-51.16	-40	-11.16	-56.32	4.4	9.56	Horizontal	Pass
6915.75	-60.06	-40	-20.06	-66.17	4.91	11.02	Horizontal	Pass
9221.0	-51.43	-40	-11.43	-59.41	5.24	13.22	Horizontal	Pass
4610.5	-55.31	-40	-15.31	-60.47	4.4	9.56	Vertical	Pass
6915.75	-61.37	-40	-21.37	-67.48	4.91	11.02	Vertical	Pass
9221.0	-49.97	-40	-9.97	-57.95	5.24	13.22	Vertical	Pass

LTE Band 40 2305-2315- Middle channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4615.5	-50.05	-40	-10.05	-55.22	4.4	9.57	Horizontal	Pass
6923.25	-60.12	-40	-20.12	-66.24	4.91	11.03	Horizontal	Pass
9231.0	-50.41	-40	-10.41	-58.39	5.24	13.22	Horizontal	Pass
4615.5	-55.72	-40	-15.72	-60.89	4.4	9.57	Vertical	Pass
6923.25	-60.99	-40	-20.99	-67.11	4.91	11.03	Vertical	Pass
9231.0	-48.03	-40	-8.03	-56.01	5.24	13.22	Vertical	Pass

LTE Band 40 2305-2315- High channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4620.5	-51.2	-40	-11.2	-56.38	4.4	9.58	Horizontal	Pass
6930.75	-58.65	-40	-18.65	-64.78	4.91	11.04	Horizontal	Pass
9241.0	-51.06	-40	-11.06	-59.03	5.25	13.22	Horizontal	Pass
4620.5	-54.75	-40	-14.75	-59.93	4.4	9.58	Vertical	Pass
6930.75	-61.49	-40	-21.49	-67.62	4.91	11.04	Vertical	Pass
9241.0	-49.28	-40	-9.28	-57.25	5.25	13.22	Vertical	Pass

Test on the worst case(Sample2#):

LTE Band 40 2305-2315MHz-Middle channel, Modulation: QPSK, Bandwidth:10MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4611.0	-56.6	-40	-16.6	-61.76	4.4	9.56	Horizontal	Pass
6916.5	-61.1	-40	-21.1	-67.21	4.91	11.02	Horizontal	Pass
9222.0	-54.81	-40	-14.81	-62.79	5.24	13.22	Horizontal	Pass
4611.0	-60.86	-40	-20.86	-66.02	4.4	9.56	Vertical	Pass
6916.5	-59.13	-40	-19.13	-65.24	4.91	11.02	Vertical	Pass
9222.0	-50.9	-40	-10.9	-58.88	5.24	13.22	Vertical	Pass

LTE Band 40 2305-2315MHz-Low channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4610.5	-57.68	-40	-17.68	-62.84	4.4	9.56	Horizontal	Pass
6915.75	-60.74	-40	-20.74	-66.85	4.91	11.02	Horizontal	Pass
9221.0	-57.22	-40	-17.22	-65.2	5.24	13.22	Horizontal	Pass
4610.5	-60.26	-40	-20.26	-65.42	4.4	9.56	Vertical	Pass
6915.75	-57.04	-40	-17.04	-63.15	4.91	11.02	Vertical	Pass
9221.0	-55.1	-40	-15.1	-63.08	5.24	13.22	Vertical	Pass

LTE Band 40 2305-2315MHz-Middle channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4615.5	-57.14	-40	-17.14	-62.31	4.4	9.57	Horizontal	Pass
6923.75	-61.12	-40	-21.12	-67.24	4.91	11.03	Horizontal	Pass
9231.0	-56.98	-40	-16.98	-64.96	5.24	13.22	Horizontal	Pass
4615.5	-60.64	-40	-20.64	-65.81	4.4	9.57	Vertical	Pass
6923.75	-57.25	-40	-17.25	-63.37	4.91	11.03	Vertical	Pass
9231.0	-54.18	-40	-14.18	-62.16	5.24	13.22	Vertical	Pass

LTE Band 40 2305-2315MHz-High channel, Modulation: QPSK, Bandwidth:5MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4620.5	-56.92	-40	-16.92	-62.1	4.4	9.58	Horizontal	Pass
6930.75	-60.98	-40	-20.98	-67.11	4.91	11.04	Horizontal	Pass
9241.0	-57.09	-40	-17.09	-65.06	5.25	13.22	Horizontal	Pass
4620.5	-61.26	-40	-21.26	-66.44	4.4	9.58	Vertical	Pass
6930.75	-59.87	-40	-19.87	-66.0	4.91	11.04	Vertical	Pass
9241.0	-53.67	-40	-13.67	-61.64	5.25	13.22	Vertical	Pass