

Appendix B.17

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B38_5MHz_EIRP

Band: 38 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2572.5	1	0	22.41	6.00	28.41	<=33.01	Pass
			13	22.61	6.00	28.61	<=33.01	Pass
			24	22.08	6.00	28.08	<=33.01	Pass
		12	0	21.28	6.00	27.28	<=33.01	Pass
			6	21.35	6.00	27.35	<=33.01	Pass
			13	21.30	6.00	27.30	<=33.01	Pass
		25	0	21.33	6.00	27.33	<=33.01	Pass
	2595	1	0	22.11	6.00	28.11	<=33.01	Pass
			13	22.56	6.00	28.56	<=33.01	Pass
			24	22.15	6.00	28.15	<=33.01	Pass
		12	0	21.25	6.00	27.25	<=33.01	Pass
			6	21.35	6.00	27.35	<=33.01	Pass
			13	21.21	6.00	27.21	<=33.01	Pass
		25	0	21.24	6.00	27.24	<=33.01	Pass
	2617.5	1	0	22.25	6.00	28.25	<=33.01	Pass
			13	22.45	6.00	28.45	<=33.01	Pass
			24	22.13	6.00	28.13	<=33.01	Pass
		12	0	21.32	6.00	27.32	<=33.01	Pass
			6	21.37	6.00	27.37	<=33.01	Pass
			13	21.38	6.00	27.38	<=33.01	Pass
		25	0	21.31	6.00	27.31	<=33.01	Pass
16QAM	2572.5	1	0	20.77	6.00	26.77	<=33.01	Pass
			13	21.33	6.00	27.33	<=33.01	Pass
			24	20.88	6.00	26.88	<=33.01	Pass
		12	0	20.29	6.00	26.29	<=33.01	Pass
			6	20.27	6.00	26.27	<=33.01	Pass
			13	20.17	6.00	26.17	<=33.01	Pass
		25	0	20.30	6.00	26.30	<=33.01	Pass
	2595	1	0	20.64	6.00	26.64	<=33.01	Pass
			13	21.12	6.00	27.12	<=33.01	Pass
			24	20.67	6.00	26.67	<=33.01	Pass
		12	0	20.31	6.00	26.31	<=33.01	Pass
			6	20.38	6.00	26.38	<=33.01	Pass
			13	20.25	6.00	26.25	<=33.01	Pass
		25	0	20.44	6.00	26.44	<=33.01	Pass
	2617.5	1	0	20.80	6.00	26.80	<=33.01	Pass
			13	21.34	6.00	27.34	<=33.01	Pass
			24	20.83	6.00	26.83	<=33.01	Pass
		12	0	20.19	6.00	26.19	<=33.01	Pass
			6	20.14	6.00	26.14	<=33.01	Pass
			13	20.20	6.00	26.20	<=33.01	Pass
		25	0	20.19	6.00	26.19	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B38_10MHz_EIRP

Band: 38 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2575	1	0	22.34	6.00	28.34	<=33.01	Pass
			25	22.48	6.00	28.48	<=33.01	Pass
			49	22.34	6.00	28.34	<=33.01	Pass
		25	0	21.43	6.00	27.43	<=33.01	Pass
			13	21.38	6.00	27.38	<=33.01	Pass
			25	21.30	6.00	27.30	<=33.01	Pass
		50	0	21.38	6.00	27.38	<=33.01	Pass
	2595	1	0	22.29	6.00	28.29	<=33.01	Pass
			25	22.32	6.00	28.32	<=33.01	Pass
			49	22.21	6.00	28.21	<=33.01	Pass
		25	0	21.33	6.00	27.33	<=33.01	Pass
			13	21.26	6.00	27.26	<=33.01	Pass
			25	21.26	6.00	27.26	<=33.01	Pass
		50	0	21.30	6.00	27.30	<=33.01	Pass
	2615	1	0	22.47	6.00	28.47	<=33.01	Pass
			25	22.54	6.00	28.54	<=33.01	Pass
			49	22.35	6.00	28.35	<=33.01	Pass
		25	0	21.44	6.00	27.44	<=33.01	Pass
			13	21.39	6.00	27.39	<=33.01	Pass
			25	21.37	6.00	27.37	<=33.01	Pass
		50	0	21.35	6.00	27.35	<=33.01	Pass
16QAM	2575	1	0	20.93	6.00	26.93	<=33.01	Pass
			25	21.40	6.00	27.40	<=33.01	Pass
			49	20.86	6.00	26.86	<=33.01	Pass
		25	0	20.58	6.00	26.58	<=33.01	Pass
			13	20.65	6.00	26.65	<=33.01	Pass
			25	20.54	6.00	26.54	<=33.01	Pass
		50	0	20.45	6.00	26.45	<=33.01	Pass
	2595	1	0	20.98	6.00	26.98	<=33.01	Pass
			25	21.27	6.00	27.27	<=33.01	Pass
			49	20.78	6.00	26.78	<=33.01	Pass
		25	0	20.31	6.00	26.31	<=33.01	Pass
			13	20.32	6.00	26.32	<=33.01	Pass
			25	20.25	6.00	26.25	<=33.01	Pass
		50	0	20.42	6.00	26.42	<=33.01	Pass
	2615	1	0	20.87	6.00	26.87	<=33.01	Pass
			25	21.42	6.00	27.42	<=33.01	Pass
			49	20.87	6.00	26.87	<=33.01	Pass
		25	0	20.30	6.00	26.30	<=33.01	Pass
			13	20.25	6.00	26.25	<=33.01	Pass
			25	20.24	6.00	26.24	<=33.01	Pass
		50	0	20.37	6.00	26.37	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B38_15MHz_EIRP

Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit	
QPSK	2577.5	1	0	22.43	6.00	28.43	<=33.01	Pass
			38	22.45	6.00	28.45	<=33.01	Pass
			74	22.18	6.00	28.18	<=33.01	Pass
		36	0	21.39	6.00	27.39	<=33.01	Pass
			18	21.42	6.00	27.42	<=33.01	Pass
			39	21.32	6.00	27.32	<=33.01	Pass
		75	0	21.38	6.00	27.38	<=33.01	Pass
	2595	1	0	22.38	6.00	28.38	<=33.01	Pass
			38	22.45	6.00	28.45	<=33.01	Pass
			74	22.32	6.00	28.32	<=33.01	Pass
		36	0	21.38	6.00	27.38	<=33.01	Pass
			18	21.30	6.00	27.30	<=33.01	Pass
			39	21.20	6.00	27.20	<=33.01	Pass
		75	0	21.27	6.00	27.27	<=33.01	Pass
	2612.5	1	0	22.37	6.00	28.37	<=33.01	Pass
			38	22.62	6.00	28.62	<=33.01	Pass
			74	22.30	6.00	28.30	<=33.01	Pass
		36	0	21.41	6.00	27.41	<=33.01	Pass
			18	21.39	6.00	27.39	<=33.01	Pass
			39	21.36	6.00	27.36	<=33.01	Pass
		75	0	21.41	6.00	27.41	<=33.01	Pass
16QAM	2577.5	1	0	20.96	6.00	26.96	<=33.01	Pass
			38	21.33	6.00	27.33	<=33.01	Pass
			74	20.83	6.00	26.83	<=33.01	Pass
		36	0	20.33	6.00	26.33	<=33.01	Pass
			18	20.31	6.00	26.31	<=33.01	Pass
			39	20.20	6.00	26.20	<=33.01	Pass
		75	0	20.30	6.00	26.30	<=33.01	Pass
	2595	1	0	20.98	6.00	26.98	<=33.01	Pass
			38	21.21	6.00	27.21	<=33.01	Pass
			74	20.76	6.00	26.76	<=33.01	Pass
		36	0	20.23	6.00	26.23	<=33.01	Pass
			18	20.23	6.00	26.23	<=33.01	Pass
			39	20.16	6.00	26.16	<=33.01	Pass
		75	0	20.27	6.00	26.27	<=33.01	Pass
	2612.5	1	0	20.92	6.00	26.92	<=33.01	Pass
			38	21.33	6.00	27.33	<=33.01	Pass
			74	20.82	6.00	26.82	<=33.01	Pass
		36	0	20.34	6.00	26.34	<=33.01	Pass
			18	20.45	6.00	26.45	<=33.01	Pass
			39	20.21	6.00	26.21	<=33.01	Pass
		75	0	20.52	6.00	26.52	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B38_20MHz_EIRP

Band: 38 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2580	1	0	22.43	6.00	28.43	<=33.01	Pass
			50	22.60	6.00	28.60	<=33.01	Pass
			99	22.19	6.00	28.19	<=33.01	Pass
		50	0	21.46	6.00	27.46	<=33.01	Pass
			25	21.42	6.00	27.42	<=33.01	Pass
			50	21.29	6.00	27.29	<=33.01	Pass

		100	0	21.37	6.00	27.37	<=33.01	Pass
	2595	1	0	22.47	6.00	28.47	<=33.01	Pass
			50	22.46	6.00	28.46	<=33.01	Pass
			99	22.15	6.00	28.15	<=33.01	Pass
			0	21.41	6.00	27.41	<=33.01	Pass
		50	25	21.34	6.00	27.34	<=33.01	Pass
			50	21.21	6.00	27.21	<=33.01	Pass
			100	0	21.32	6.00	27.32	<=33.01
	2610	1	0	22.22	6.00	28.22	<=33.01	Pass
			50	22.50	6.00	28.50	<=33.01	Pass
			99	22.36	6.00	28.36	<=33.01	Pass
		50	0	21.32	6.00	27.32	<=33.01	Pass
			25	21.38	6.00	27.38	<=33.01	Pass
			50	21.34	6.00	27.34	<=33.01	Pass
		100	0	21.38	6.00	27.38	<=33.01	Pass
16QAM	2580	1	0	20.94	6.00	26.94	<=33.01	Pass
			50	21.40	6.00	27.40	<=33.01	Pass
			99	20.84	6.00	26.84	<=33.01	Pass
		50	0	20.56	6.00	26.56	<=33.01	Pass
			25	20.30	6.00	26.30	<=33.01	Pass
			50	20.21	6.00	26.21	<=33.01	Pass
		100	0	20.30	6.00	26.30	<=33.01	Pass
	2595	1	0	20.92	6.00	26.92	<=33.01	Pass
			50	21.00	6.00	27.00	<=33.01	Pass
			99	20.81	6.00	26.81	<=33.01	Pass
		50	0	20.21	6.00	26.21	<=33.01	Pass
			25	20.37	6.00	26.37	<=33.01	Pass
			50	20.32	6.00	26.32	<=33.01	Pass
		100	0	20.28	6.00	26.28	<=33.01	Pass
	2610	1	0	20.83	6.00	26.83	<=33.01	Pass
			50	21.36	6.00	27.36	<=33.01	Pass
			99	20.83	6.00	26.83	<=33.01	Pass
		50	0	20.35	6.00	26.35	<=33.01	Pass
			25	20.40	6.00	26.40	<=33.01	Pass
			50	20.34	6.00	26.34	<=33.01	Pass
		100	0	20.30	6.00	26.30	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B38_10MHz

Band: 38 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2595	50	0	20	3.27	-6.900	-0.0027	-2.5 to 2.5	Pass
					3.85	-6.800	-0.0026	-2.5 to 2.5	Pass
					4.43	-4.500	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-5.000	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-5.500	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-1.300	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-5.400	-0.0021	-2.5 to 2.5	Pass
				10	3.85	2.100	0.0008	-2.5 to 2.5	Pass

				30	3.85	-3.100	-0.0012	-2.5 to 2.5	Pass
				40	3.85	2.300	0.0009	-2.5 to 2.5	Pass
				50	3.85	-6.300	-0.0024	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band38_OBW

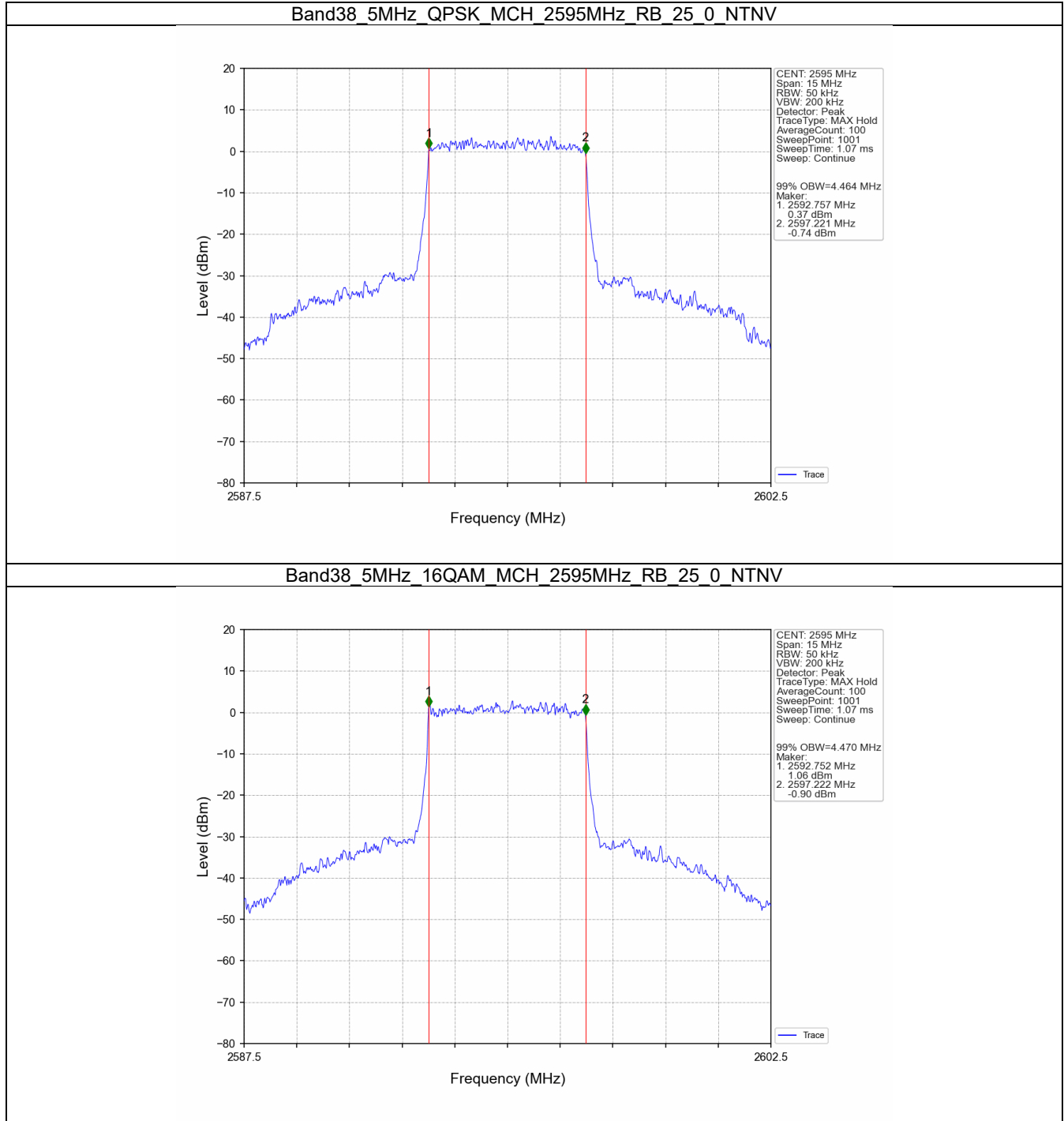
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	4.464	/	Pass
	16QAM	2595	25	0	4.470	/	Pass
10	QPSK	2595	50	0	8.922	/	Pass
	16QAM	2595	50	0	8.937	/	Pass
15	QPSK	2595	75	0	13.408	/	Pass
	16QAM	2595	75	0	13.433	/	Pass
20	QPSK	2595	100	0	17.906	/	Pass
	16QAM	2595	100	0	17.832	/	Pass

3.1.2 Band38_XDB

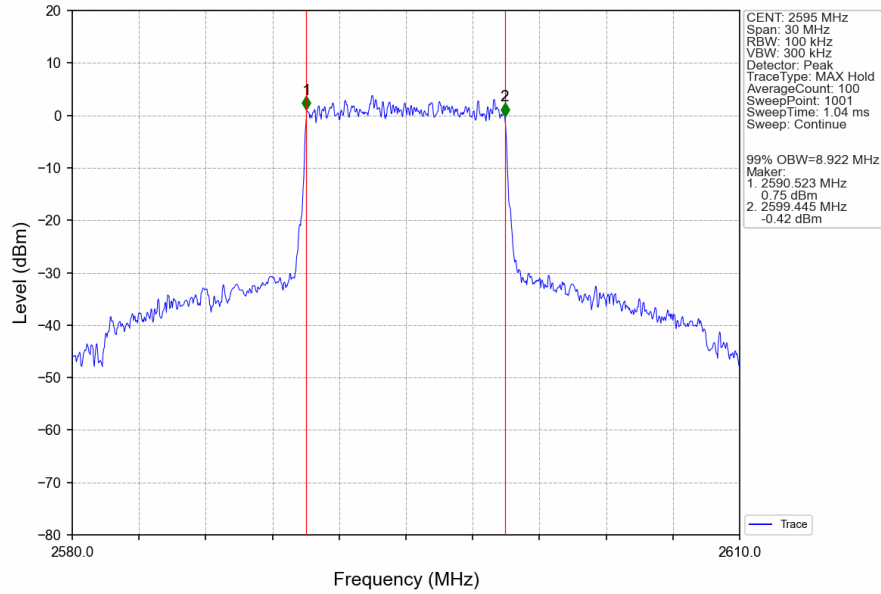
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	4.910	/	Pass
	16QAM	2595	25	0	4.879	/	Pass
10	QPSK	2595	50	0	9.587	/	Pass
	16QAM	2595	50	0	9.654	/	Pass
15	QPSK	2595	75	0	14.520	/	Pass
	16QAM	2595	75	0	14.311	/	Pass
20	QPSK	2595	100	0	18.922	/	Pass
	16QAM	2595	100	0	18.840	/	Pass

3.2 Test Graph

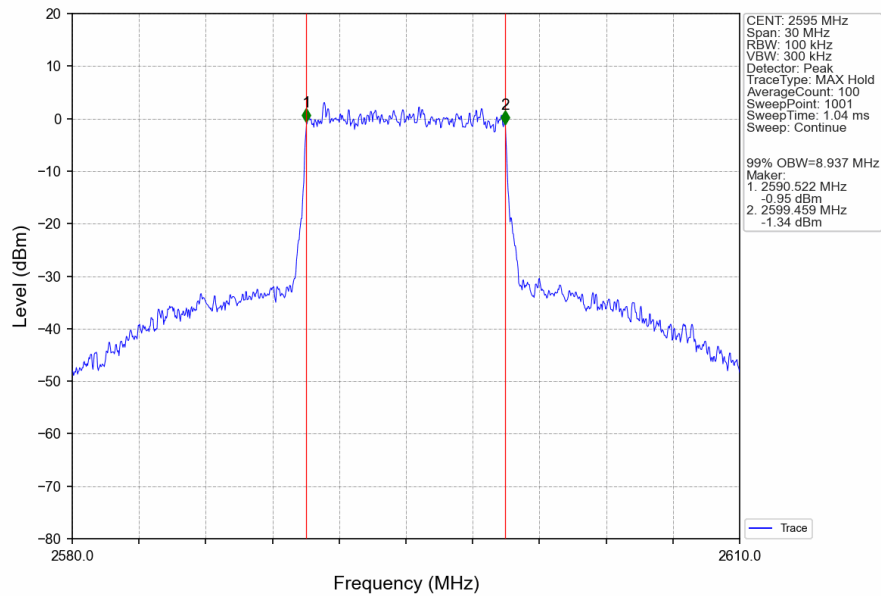
3.2.1 Band38_OBW



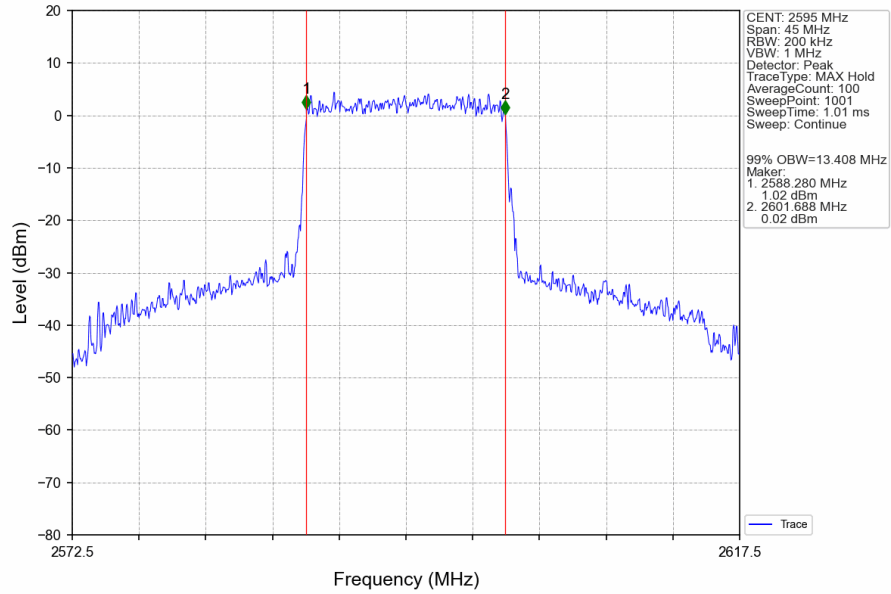
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



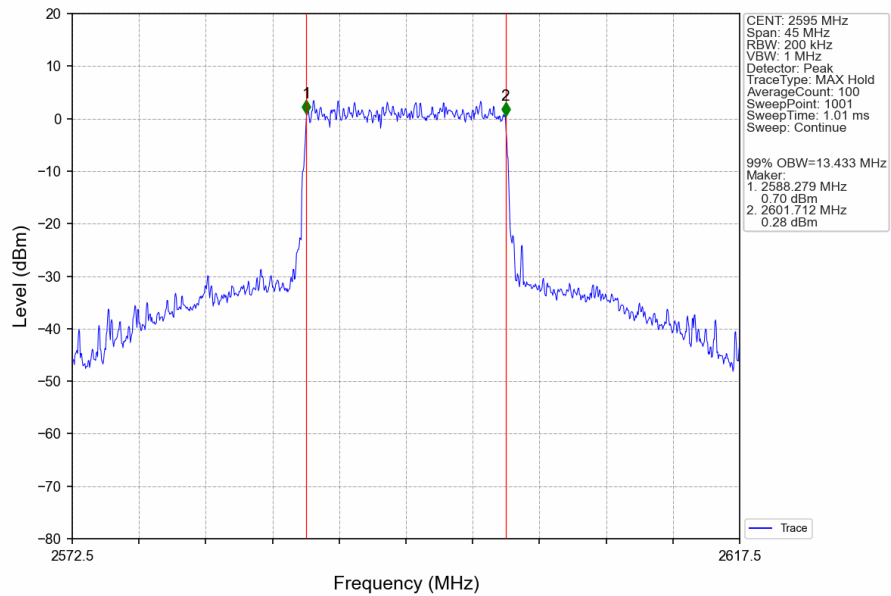
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



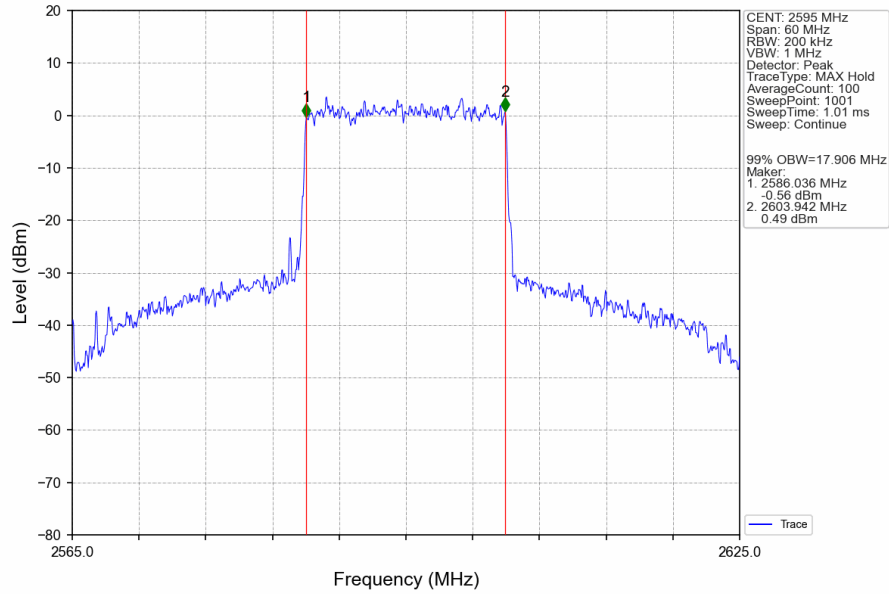
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



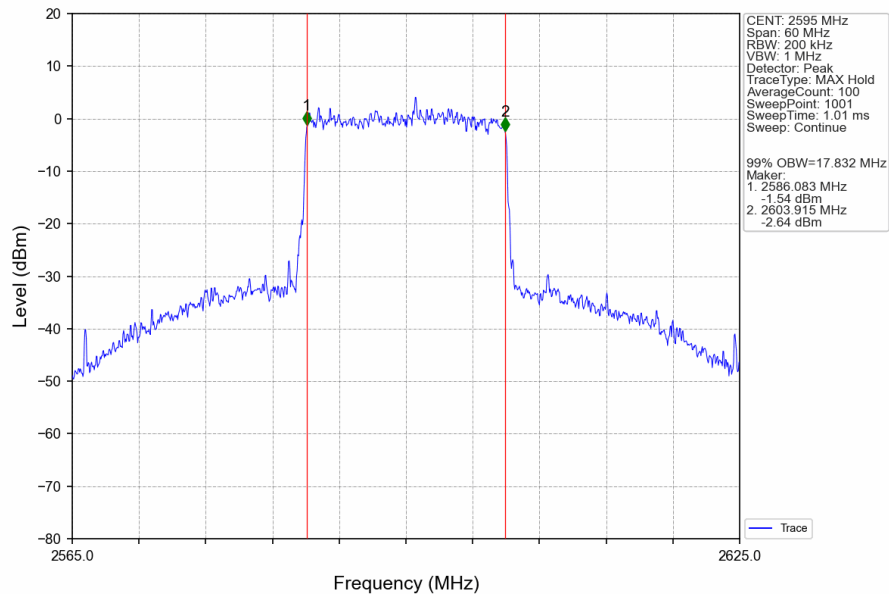
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



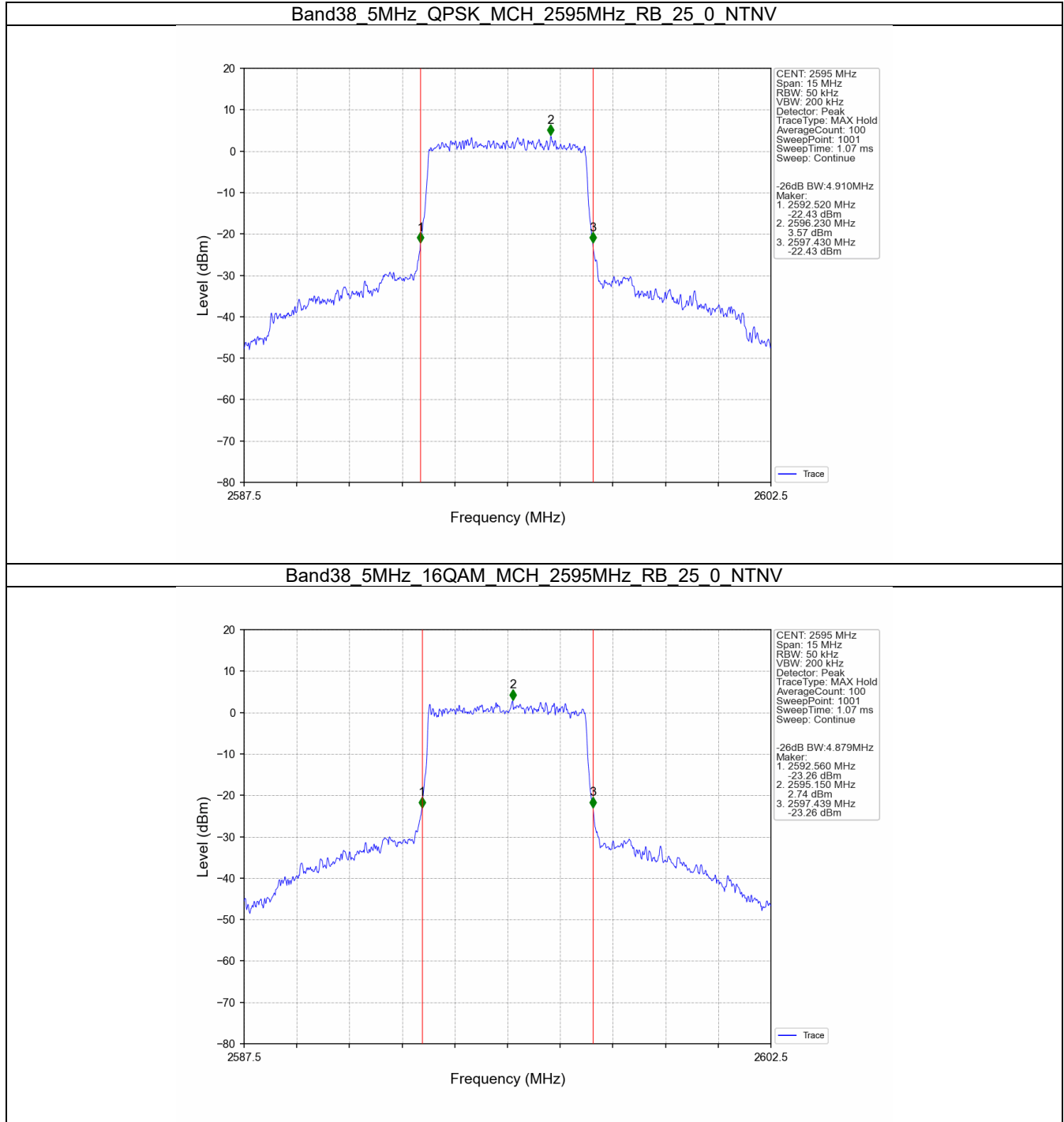
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



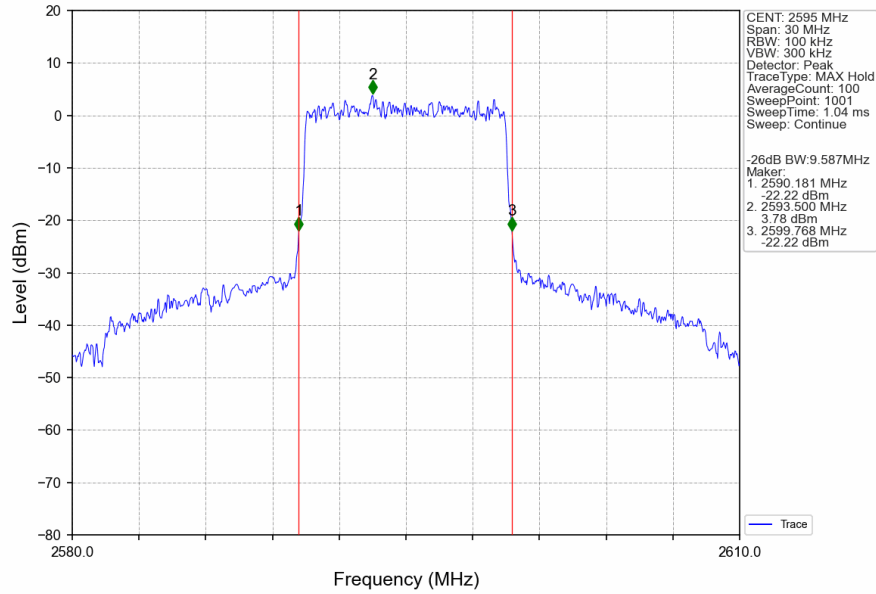
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



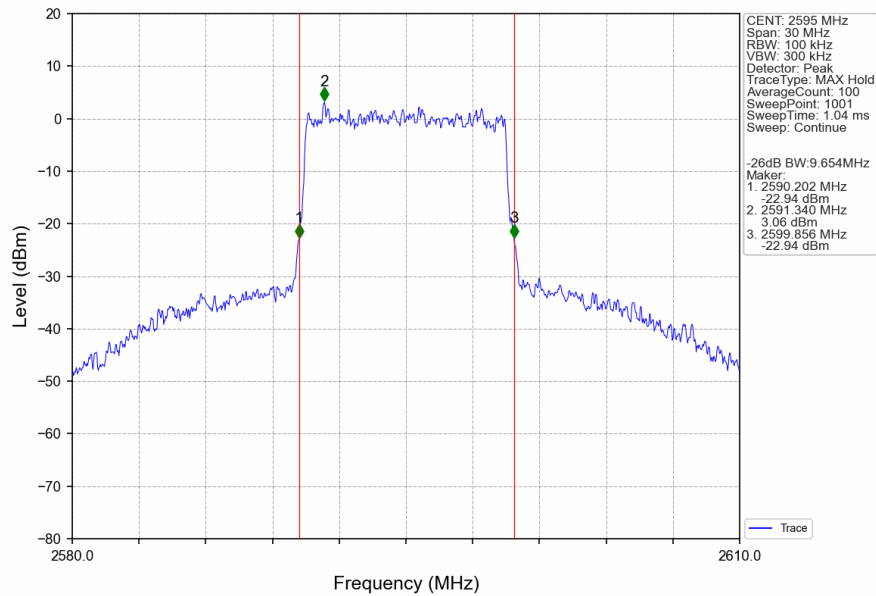
3.2.2 Band38_XDB



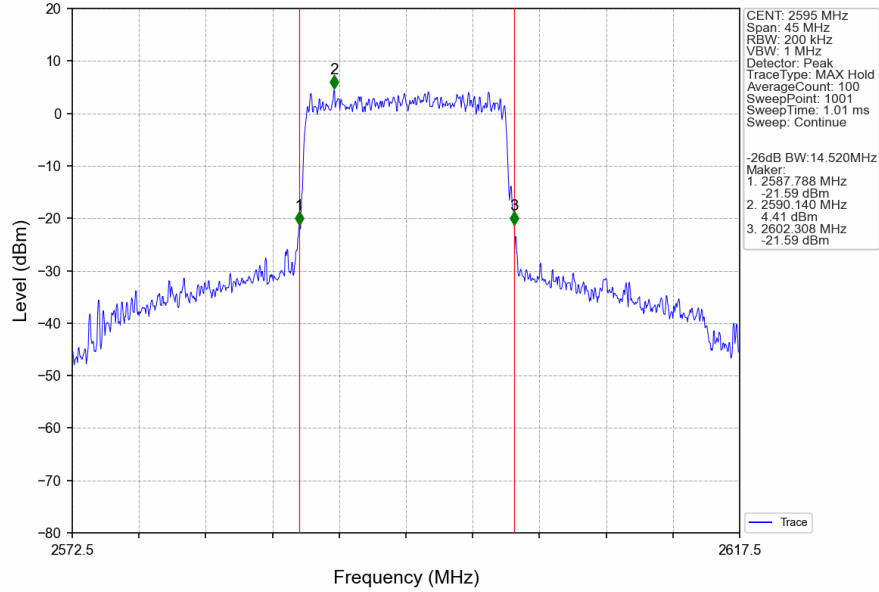
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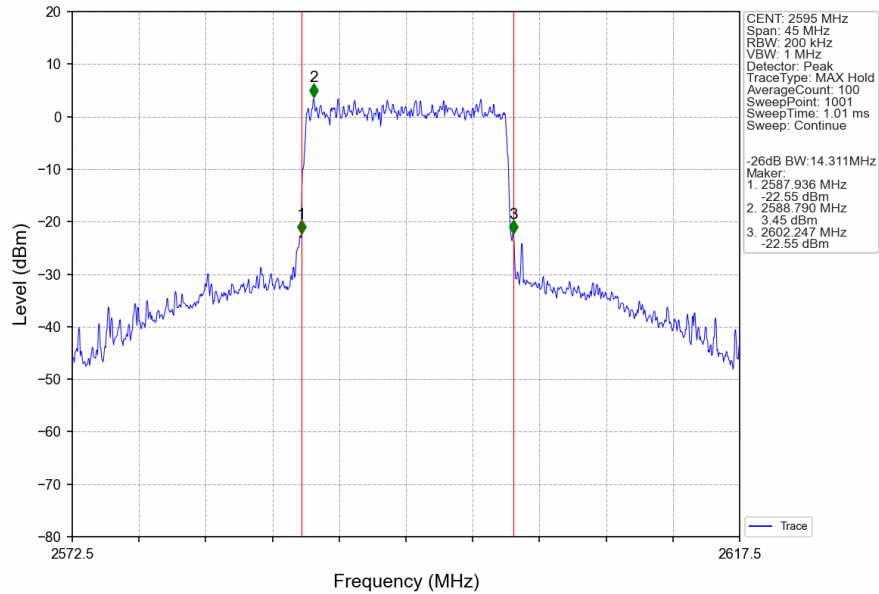
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



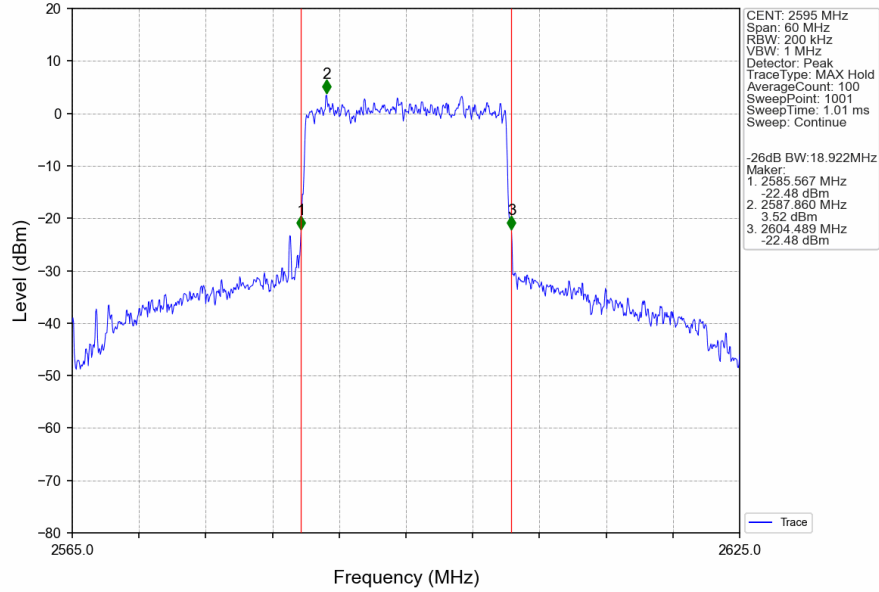
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



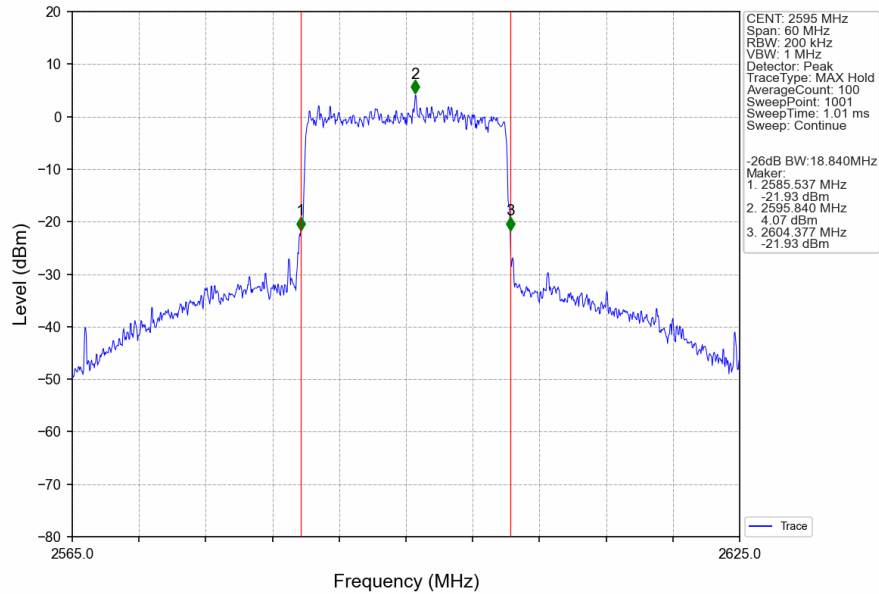
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



4. Peak-Average Ratio

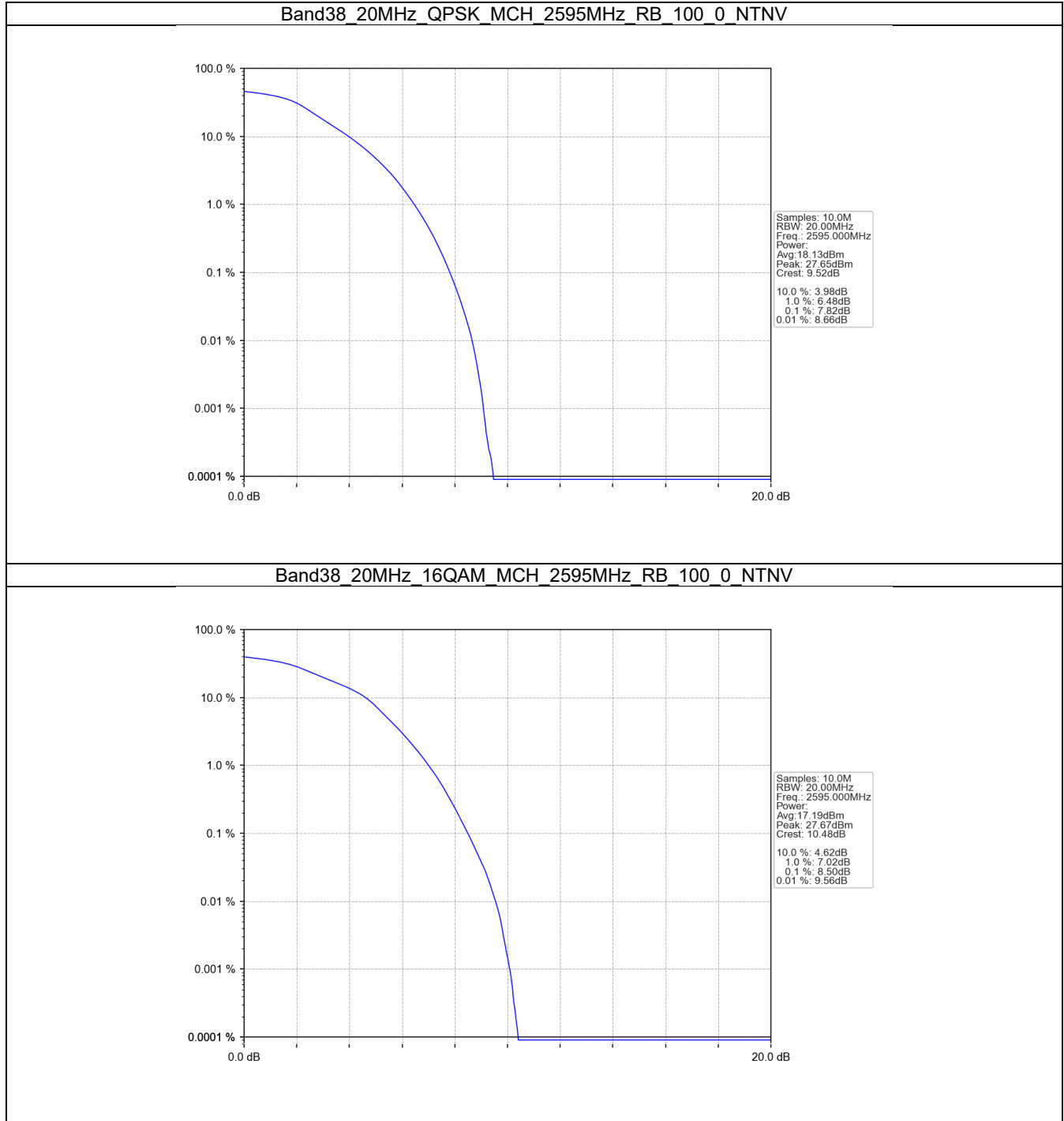
4.1 Test Result

4.1.1 B38_20MHz

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2595	100	0	7.82	≤ 13	Pass
16QAM	2595	100	0	8.50	≤ 13	Pass

4.2 Test Graph

4.2.1 B38_20MHz



5. Spurious Emission

5.1 Test Result

5.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2572.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2617.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2615	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B38_15MHz

Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

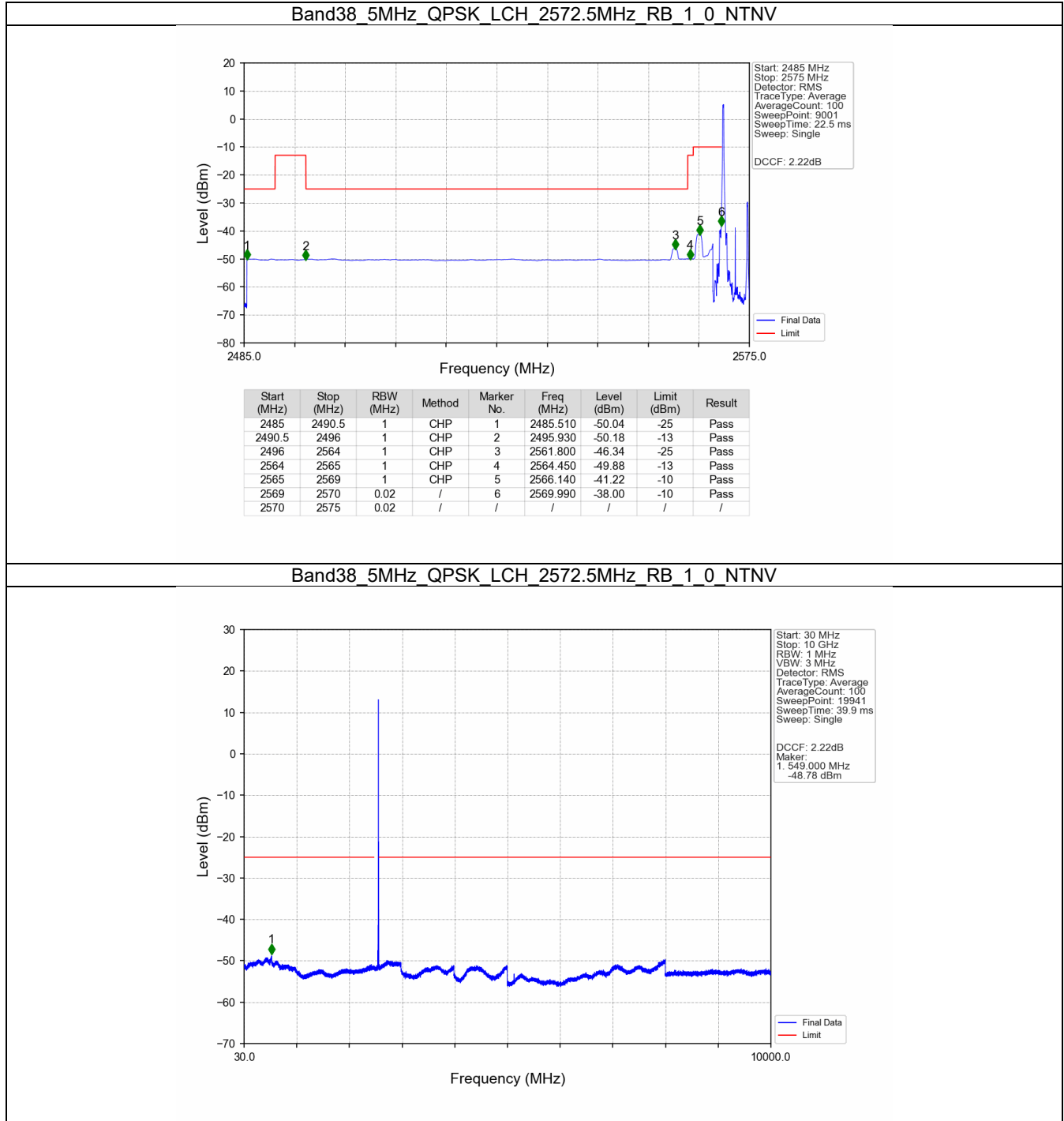
5.1.4 B38_20MHz

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass

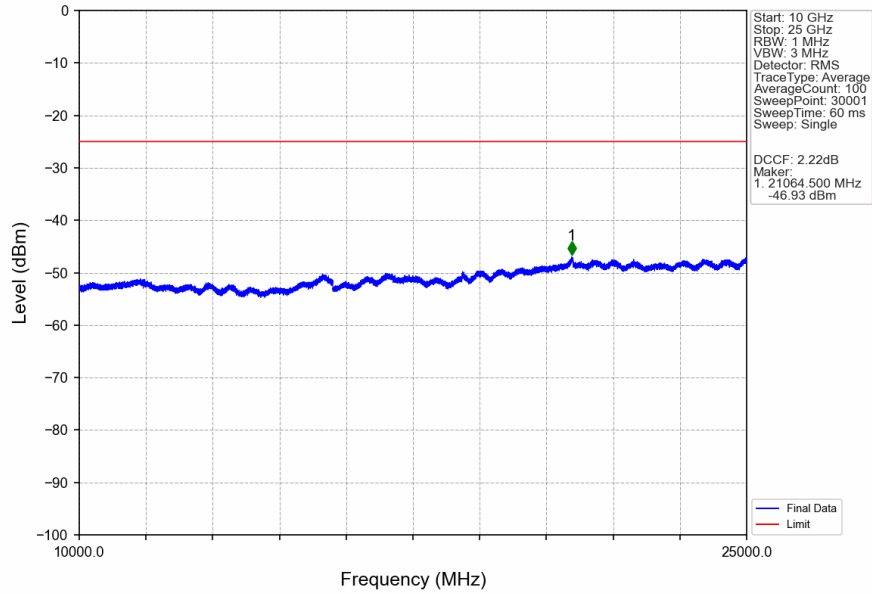
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

5.2 Test Graph

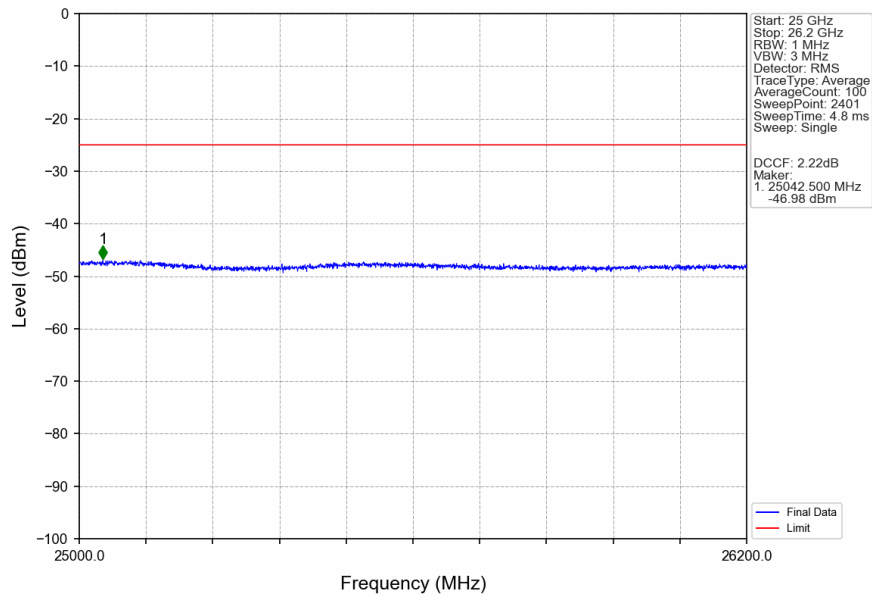
5.2.1 B38_5MHz



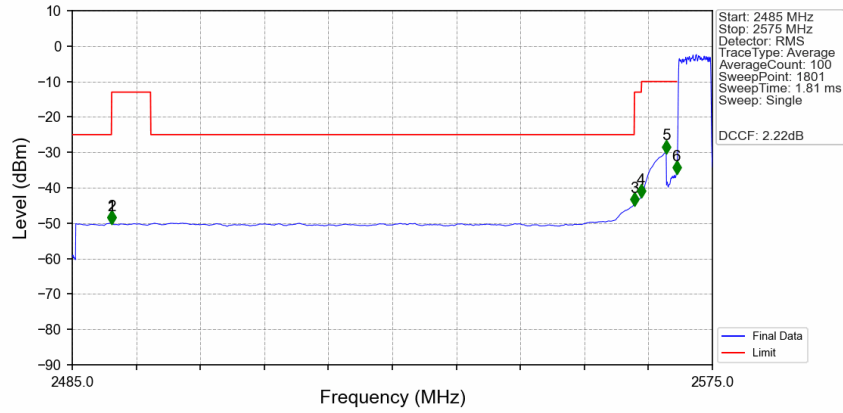
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

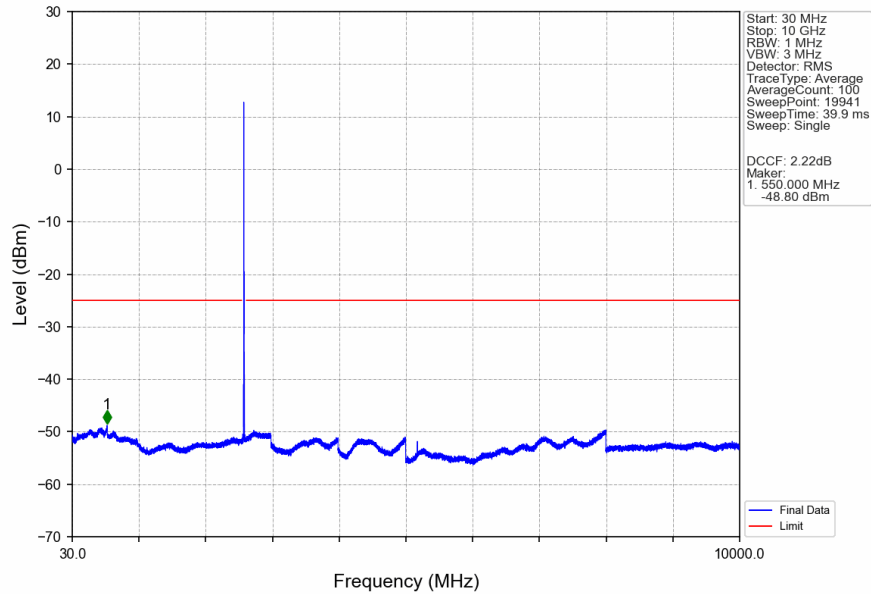


Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV

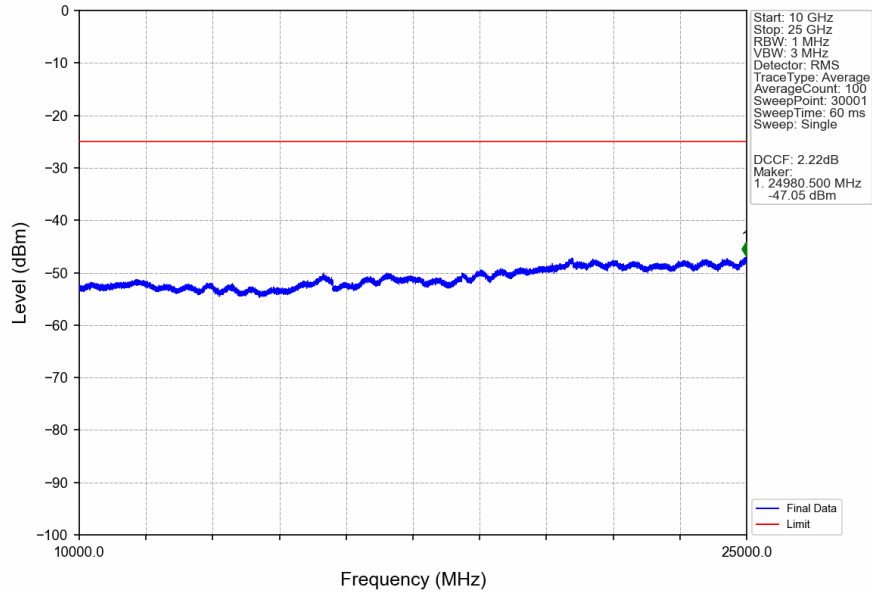


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-49.90	-25	Pass
2490.5	2496	1	CHP	2	2490.550	-49.94	-13	Pass
2496	2564	1	CHP	3	2564.000	-44.84	-25	Pass
2564	2565	1	CHP	4	2565.000	-42.53	-13	Pass
2565	2569	1	CHP	5	2568.500	-29.99	-10	Pass
2569	2570	0.1	/	6	2569.950	-35.92	-10	Pass
2570	2575	0.1	/	/	/	/	/	/

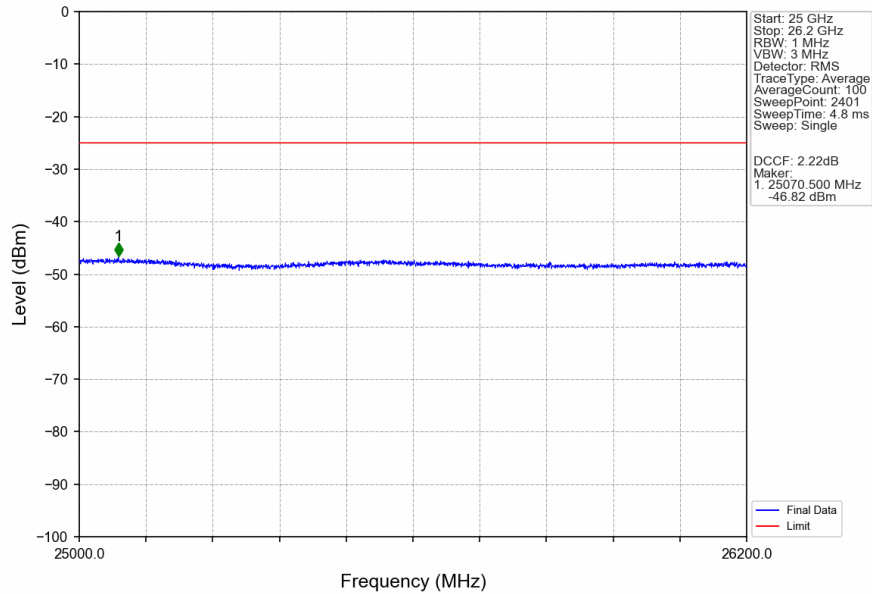
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



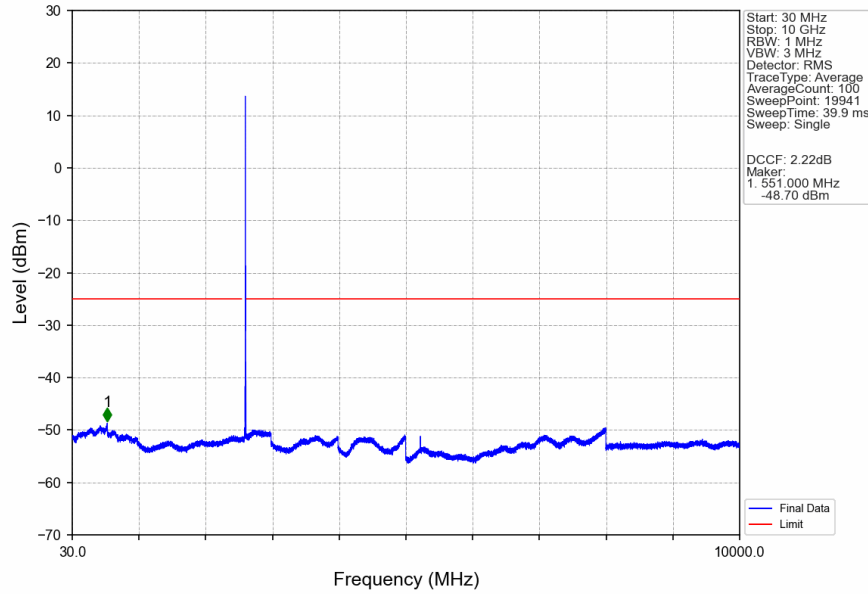
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



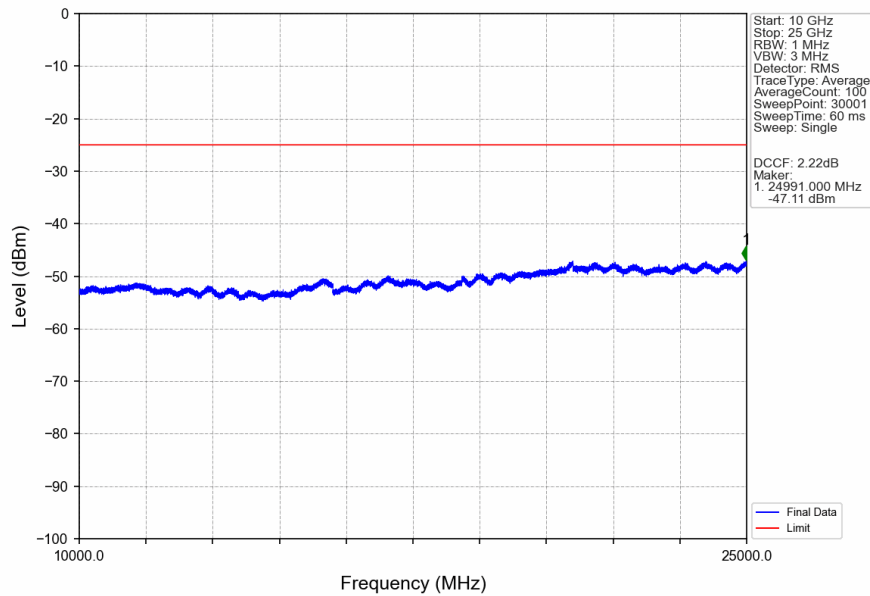
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



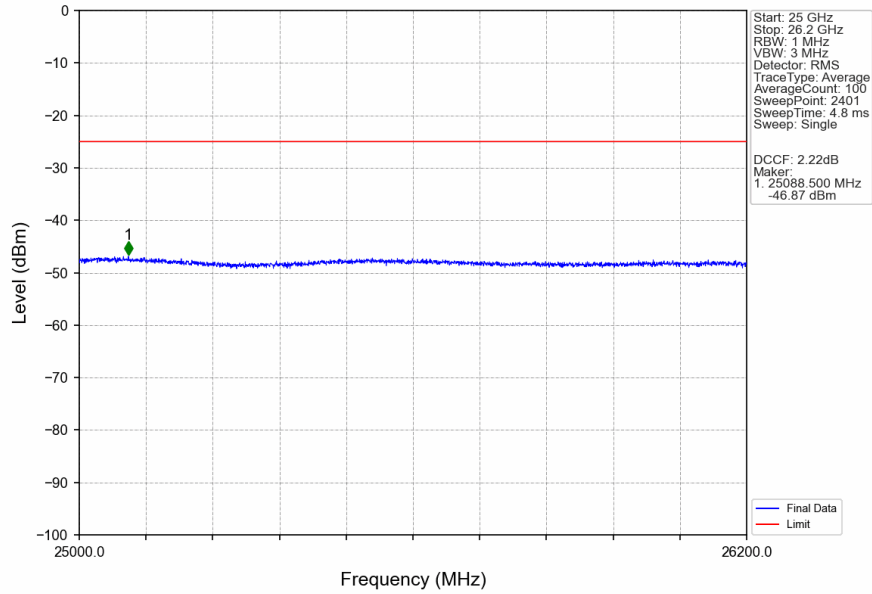
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



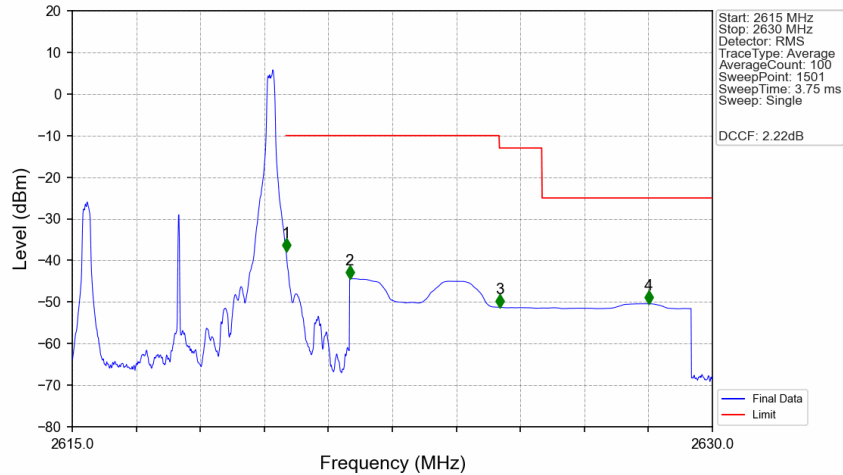
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV

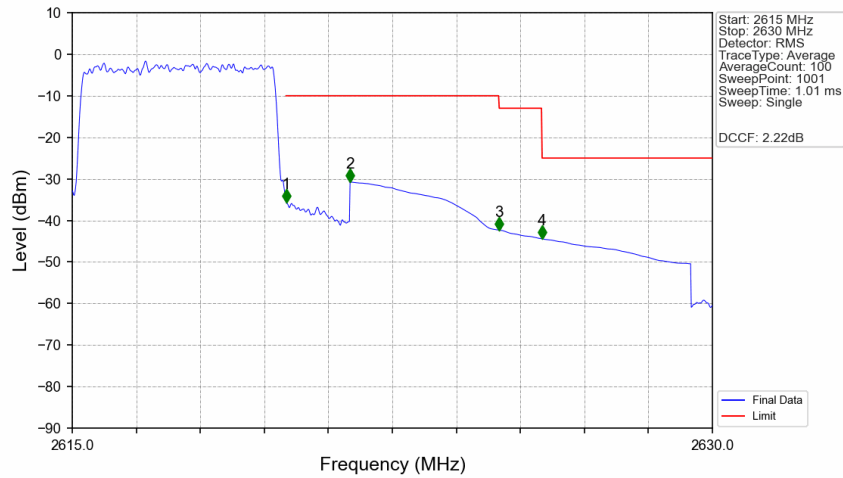


Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.010	-37.93	-10	Pass
2621	2625	1	CHP	2	2621.500	-44.35	-10	Pass
2625	2626	1	CHP	3	2625.010	-51.27	-13	Pass
2626	2630	1	CHP	4	2628.510	-50.43	-25	Pass

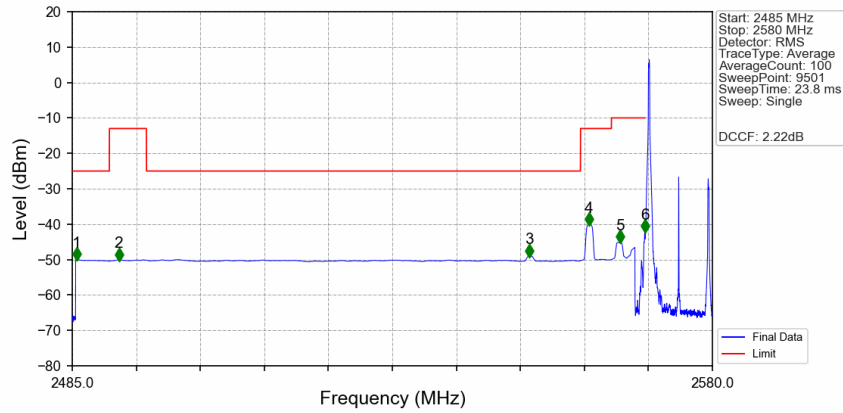
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.1	/	/	/	/	/	/
2620	2621	0.1	/	1	2620.010	-35.59	-10	Pass
2621	2625	1	CHP	2	2621.510	-30.77	-10	Pass
2625	2626	1	CHP	3	2625.005	-42.33	-13	Pass
2626	2630	1	CHP	4	2626.010	-44.44	-25	Pass

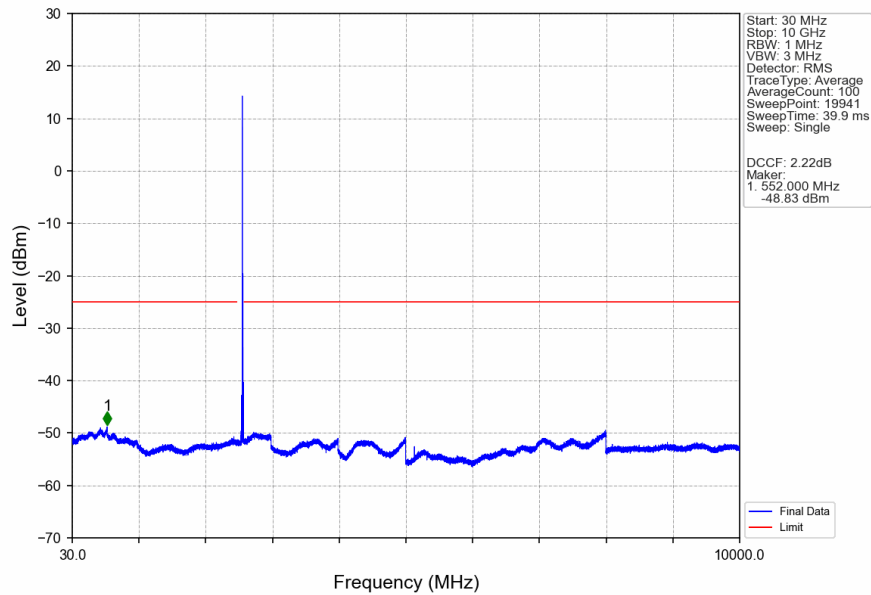
5.2.2 B38_10MHz

Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

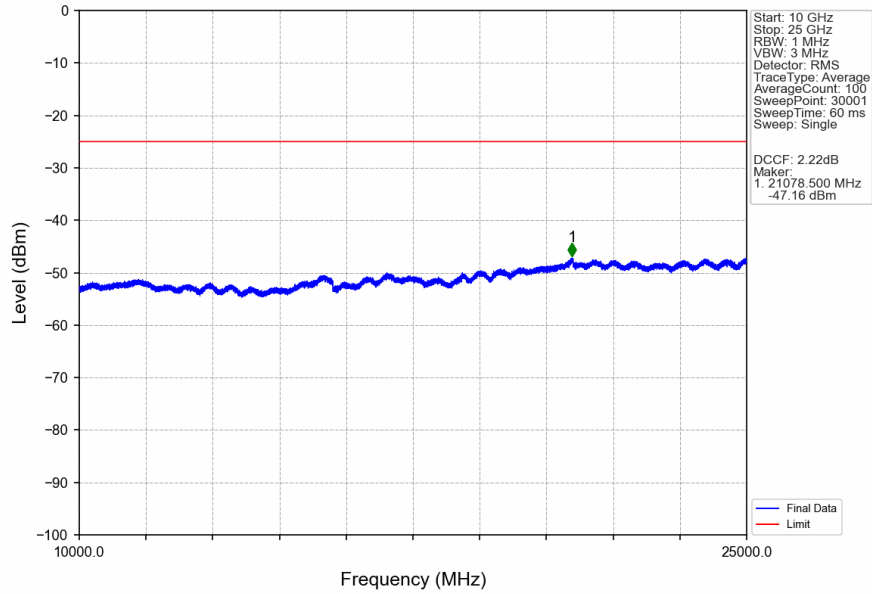


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.670	-49.92	-25	Pass
2490.5	2496	1	CHP	2	2491.920	-50.07	-13	Pass
2496	2560.413	1	CHP	3	2552.810	-49.01	-25	Pass
2560.413	2565	1	CHP	4	2561.650	-40.17	-13	Pass
2565	2569	1	CHP	5	2566.280	-45.12	-10	Pass
2569	2570	0.02	/	6	2569.960	-42.09	-10	Pass
2570	2580	0.02	/	/	/	/	/	/

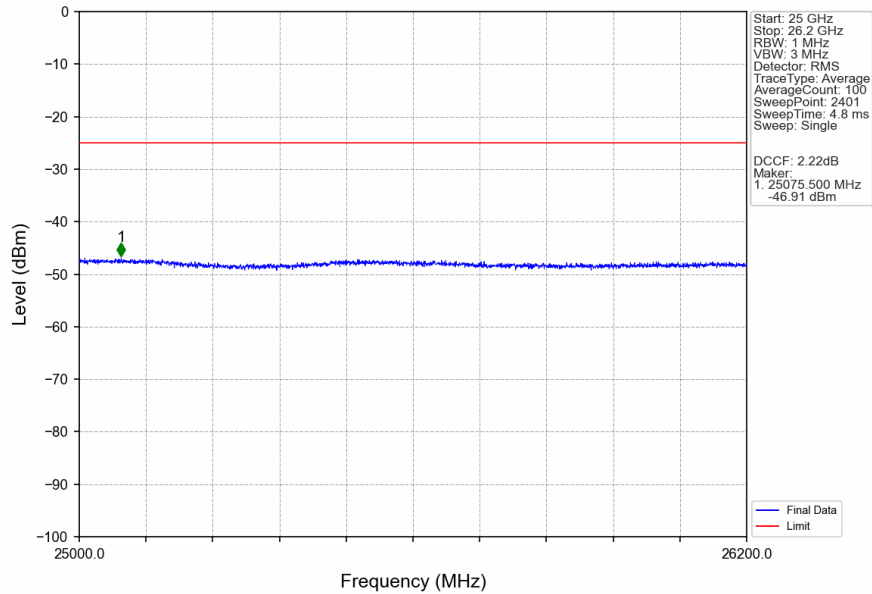
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



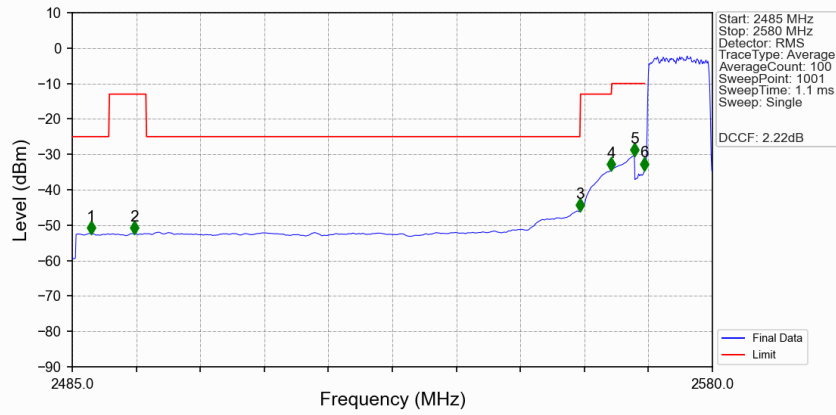
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

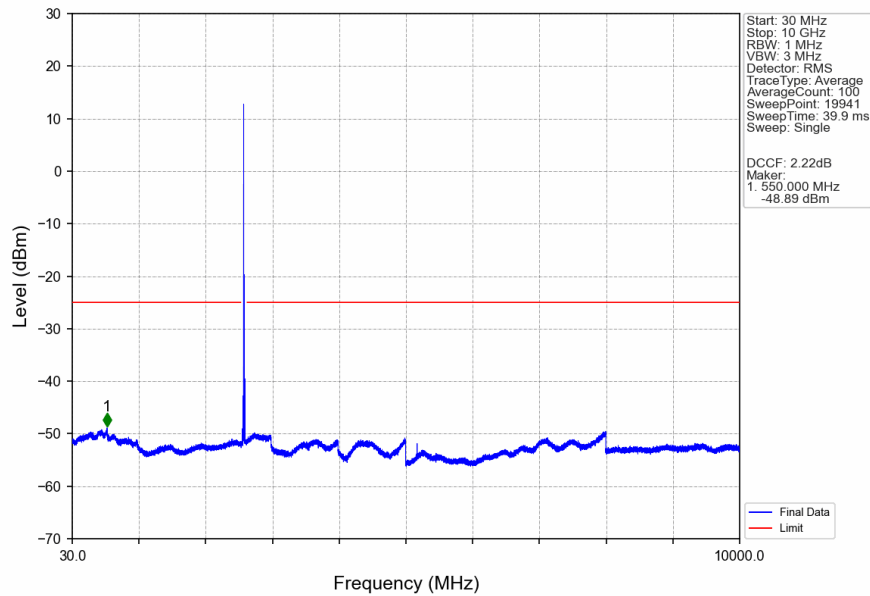


Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV

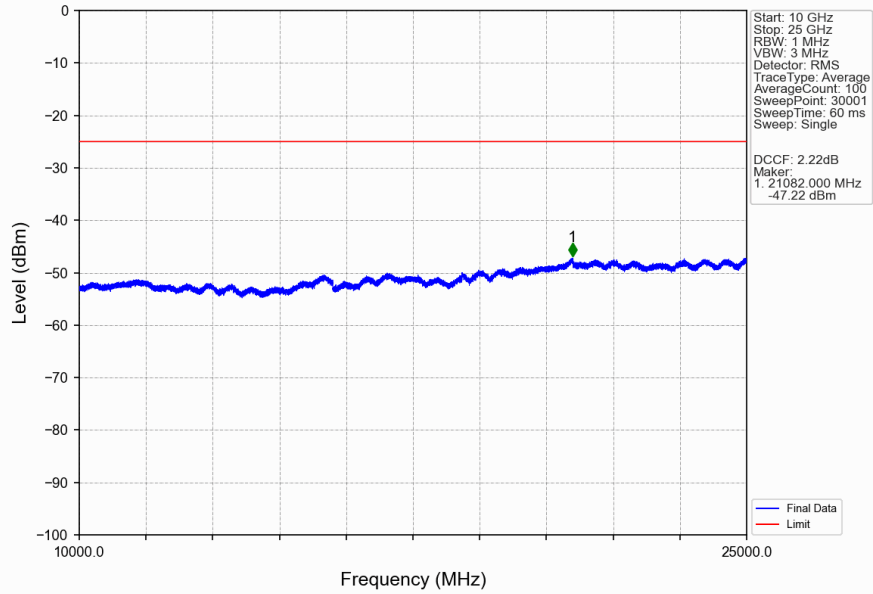


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.755	-52.28	-25	Pass
2490.5	2496	1	CHP	2	2494.215	-52.32	-13	Pass
2496	2560.413	1	CHP	3	2560.335	-45.90	-25	Pass
2560.413	2565	1	CHP	4	2564.990	-34.40	-13	Pass
2565	2569	1	CHP	5	2568.410	-30.28	-10	Pass
2569	2570	0.2	/	6	2569.930	-34.22	-10	Pass
2570	2580	0.2	/	/	/	/	/	/

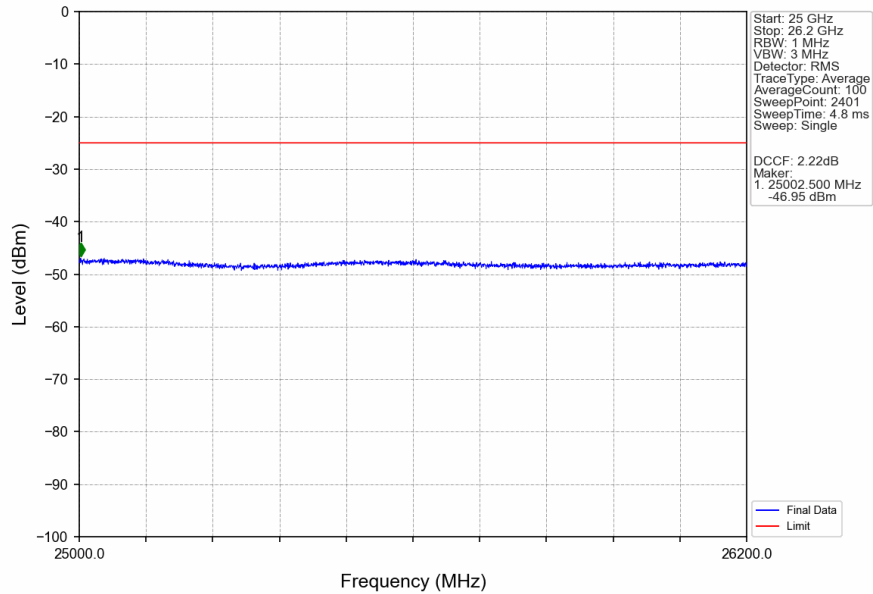
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



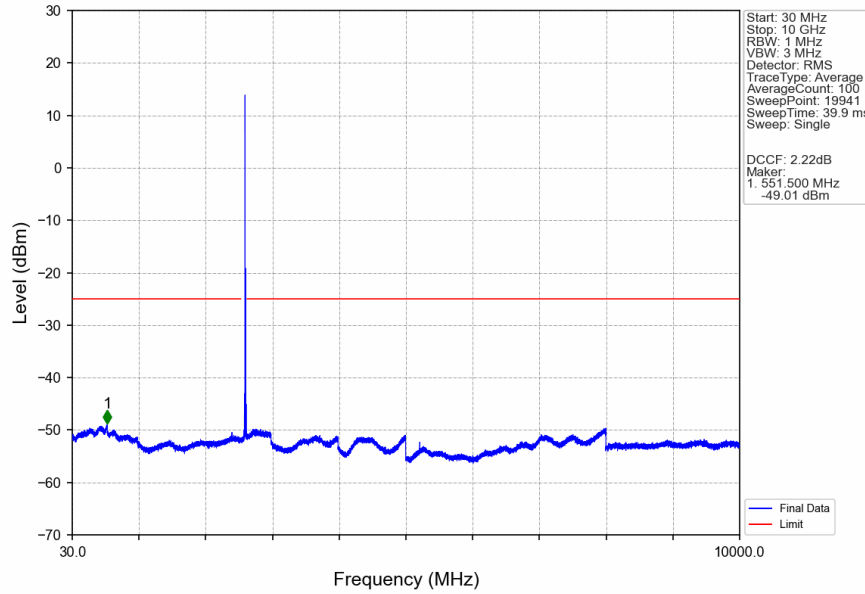
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



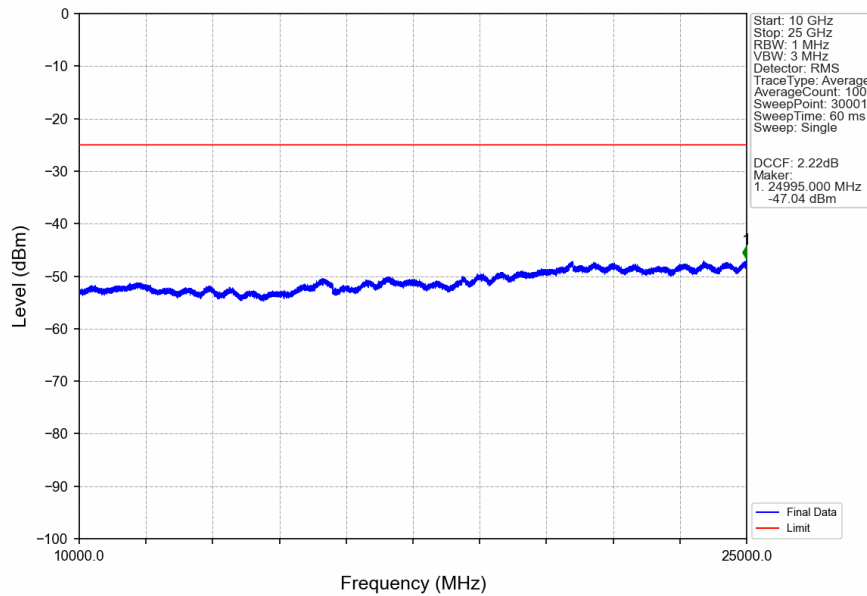
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



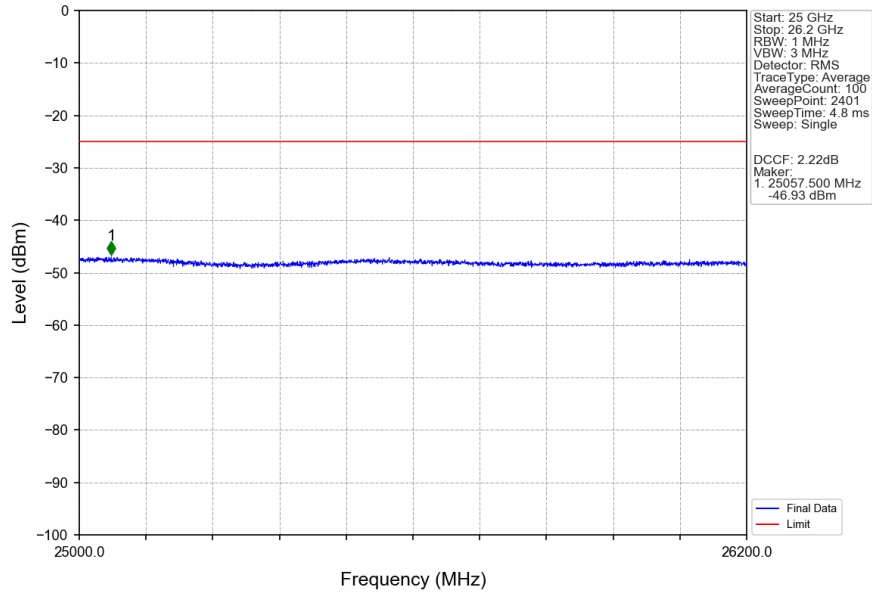
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



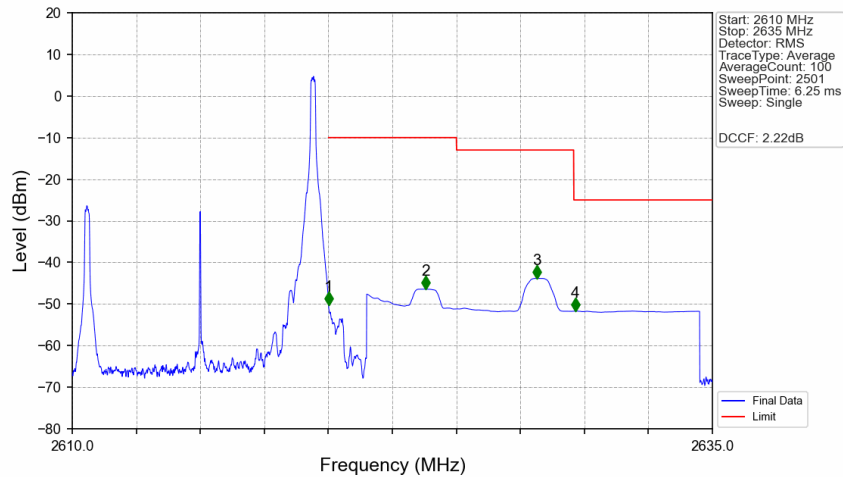
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV

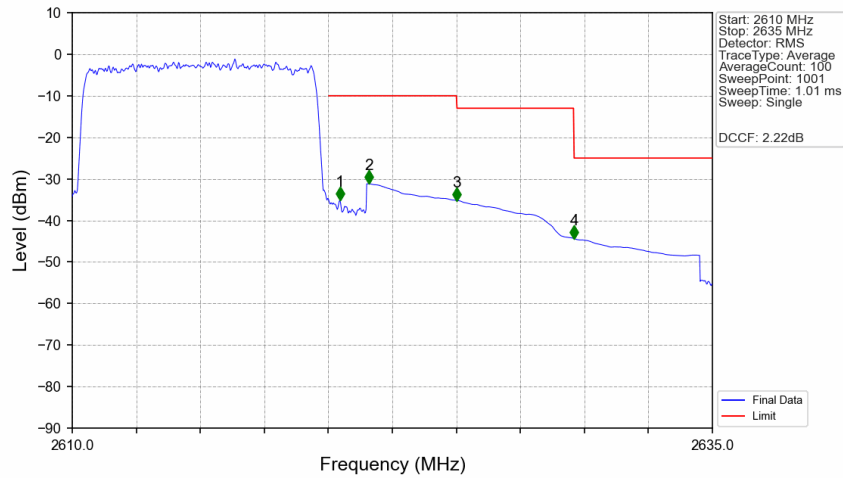


Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.010	-50.26	-10	Pass
2621	2625	1	CHP	2	2623.800	-46.42	-10	Pass
2625	2629.587	1	CHP	3	2628.150	-43.84	-13	Pass
2629.587	2635	1	CHP	4	2629.650	-51.69	-25	Pass

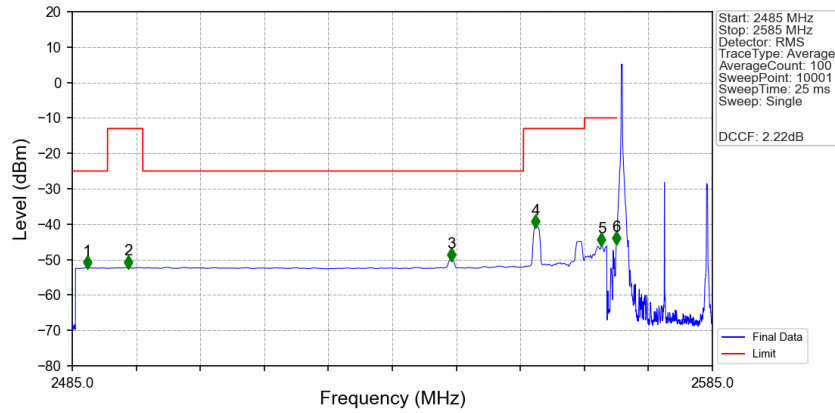
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.2	/	/	/	/	/	/
2620	2621	0.2	/	1	2620.450	-35.15	-10	Pass
2621	2625	1	CHP	2	2621.575	-31.19	-10	Pass
2625	2629.587	1	CHP	3	2625.025	-35.22	-13	Pass
2629.587	2635	1	CHP	4	2629.600	-44.38	-25	Pass

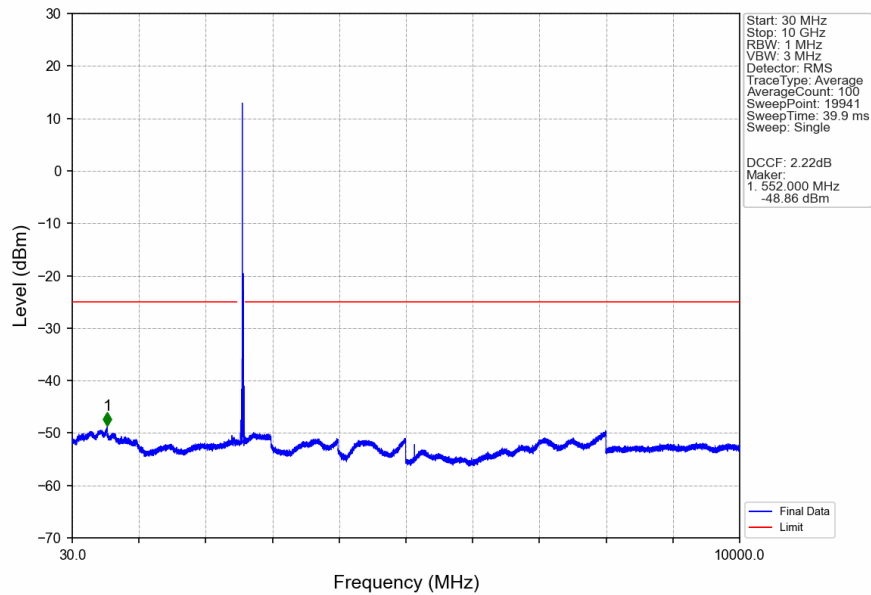
5.2.3 B38_15MHz

Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

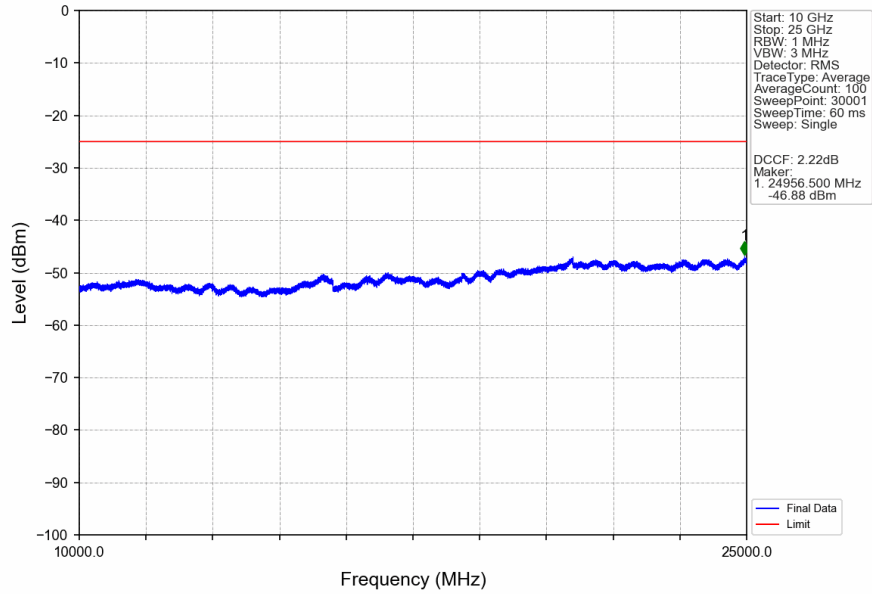


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.350	-52.27	-25	Pass
2490.5	2496	1	CHP	2	2493.790	-52.20	-13	Pass
2496	2555.48	1	CHP	3	2544.250	-50.14	-25	Pass
2555.48	2565	1	CHP	4	2557.370	-40.84	-13	Pass
2565	2569	1	CHP	5	2567.680	-45.97	-10	Pass
2569	2570	0.02	/	6	2569.990	-45.50	-10	Pass
2570	2585	0.02	/	/	/	/	/	/

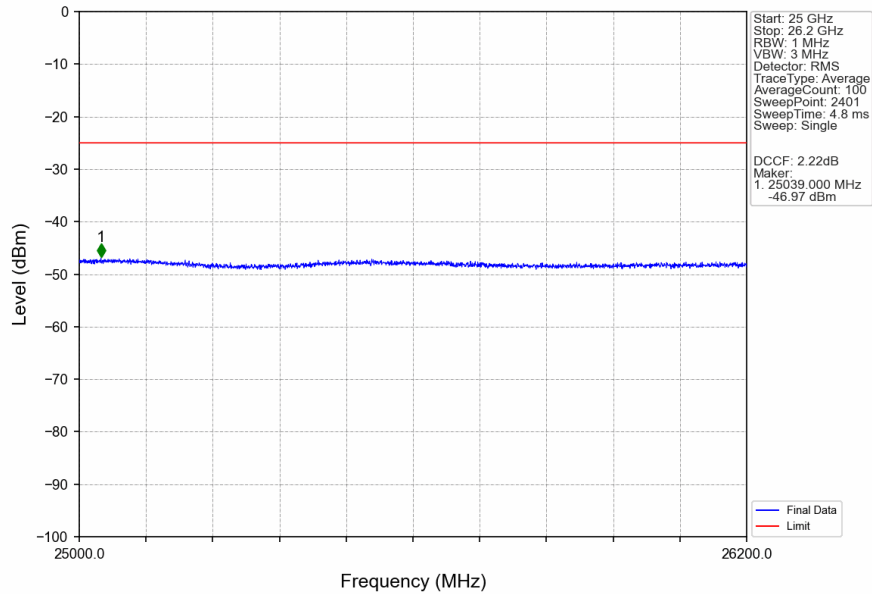
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



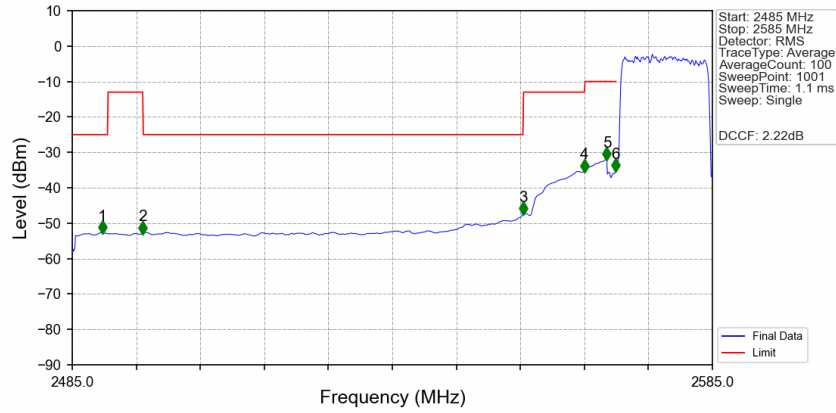
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

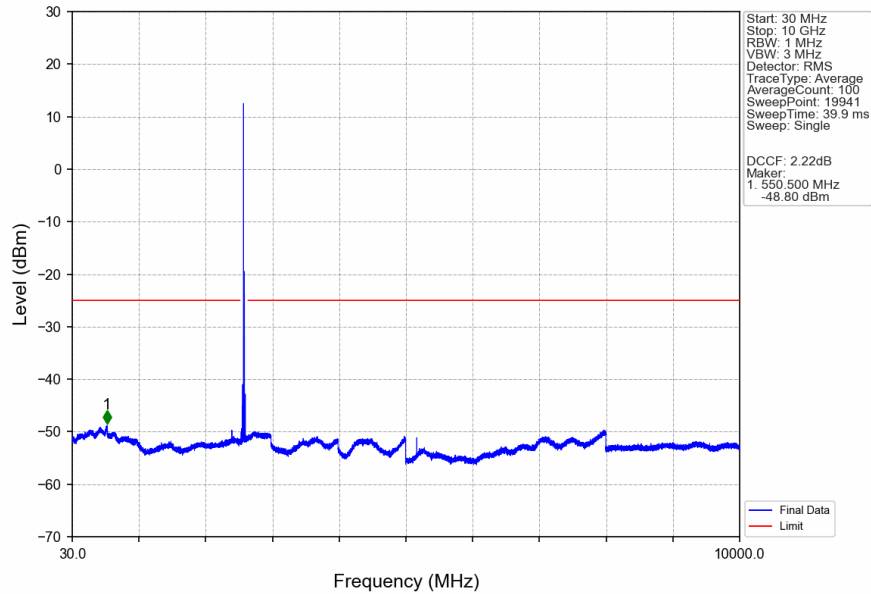


Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV

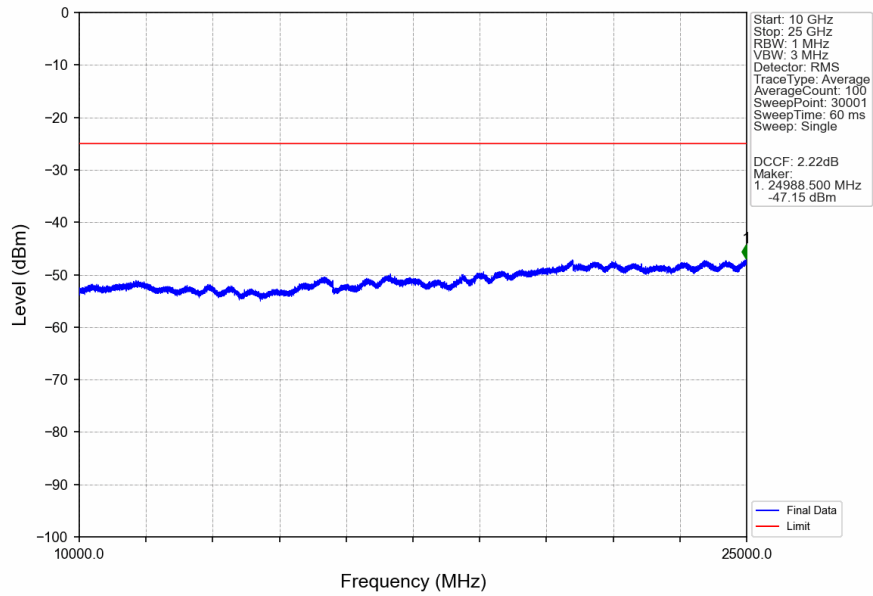


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.700	-52.71	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-52.80	-13	Pass
2496	2555.48	1	CHP	3	2555.400	-47.40	-25	Pass
2555.48	2565	1	CHP	4	2565.000	-35.30	-13	Pass
2565	2569	1	CHP	5	2568.500	-31.93	-10	Pass
2569	2570	0.3	/	6	2569.900	-35.15	-10	Pass
2570	2585	0.3	/	/	/	/	/	/

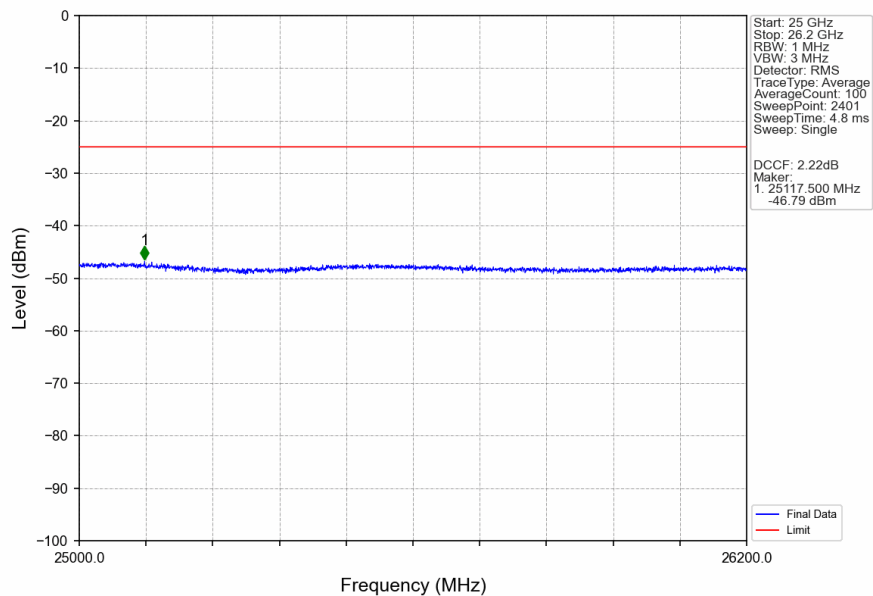
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



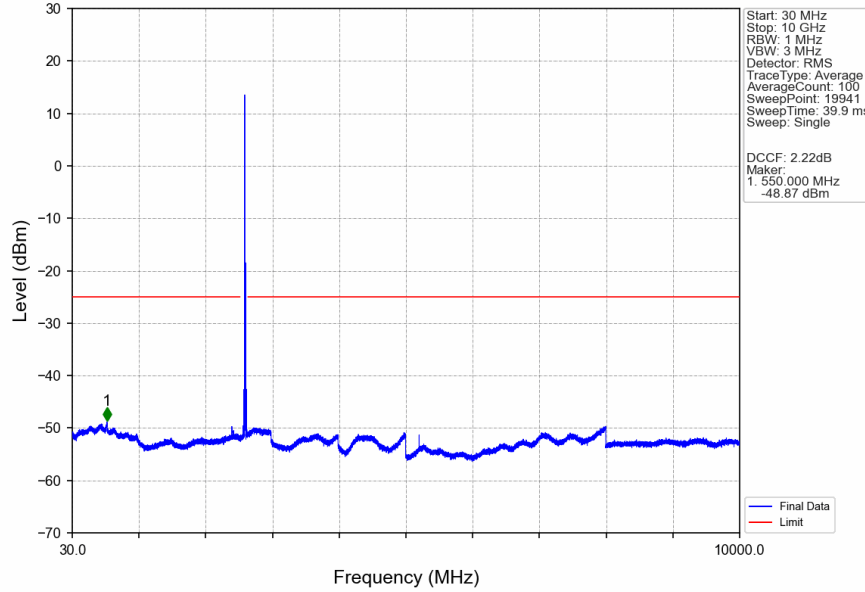
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



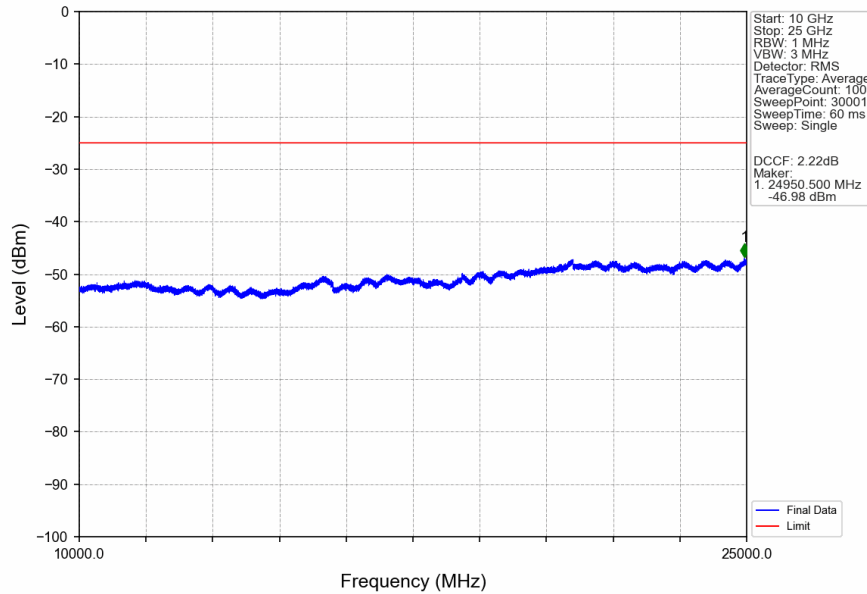
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



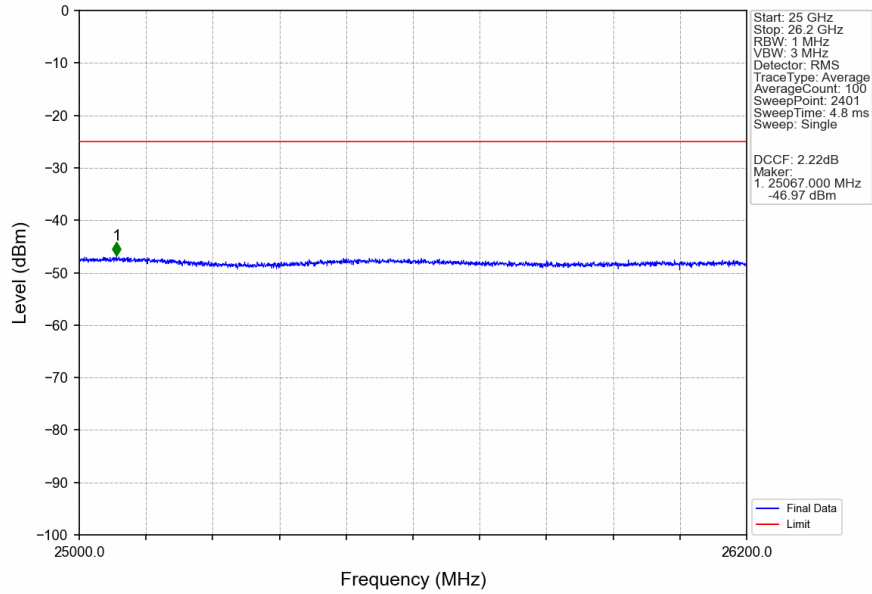
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



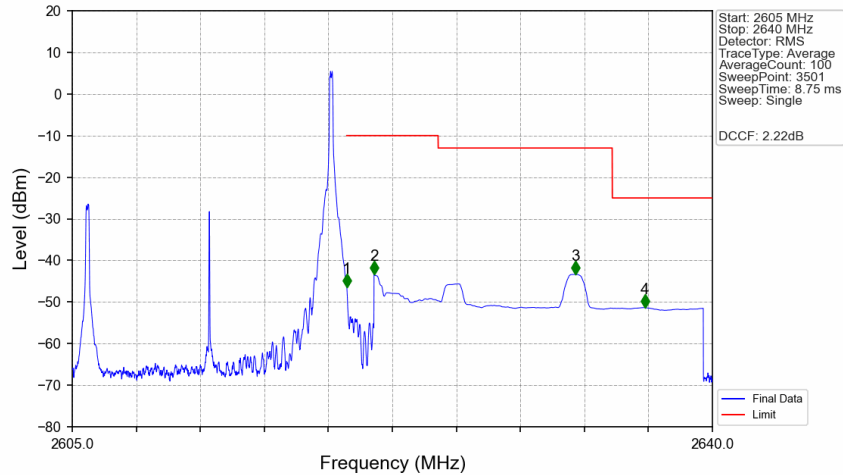
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV

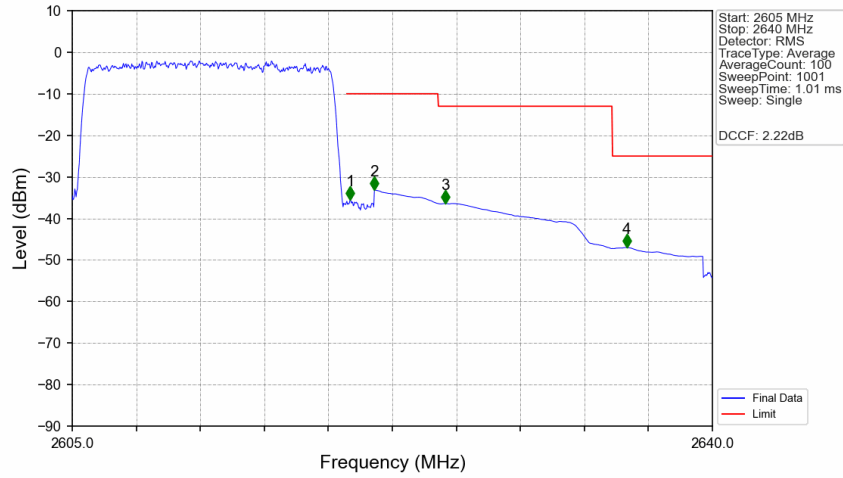


Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.010	-46.39	-10	Pass
2621	2625	1	CHP	2	2621.500	-43.33	-10	Pass
2625	2634.52	1	CHP	3	2632.510	-43.38	-13	Pass
2634.52	2640	1	CHP	4	2636.320	-51.34	-25	Pass

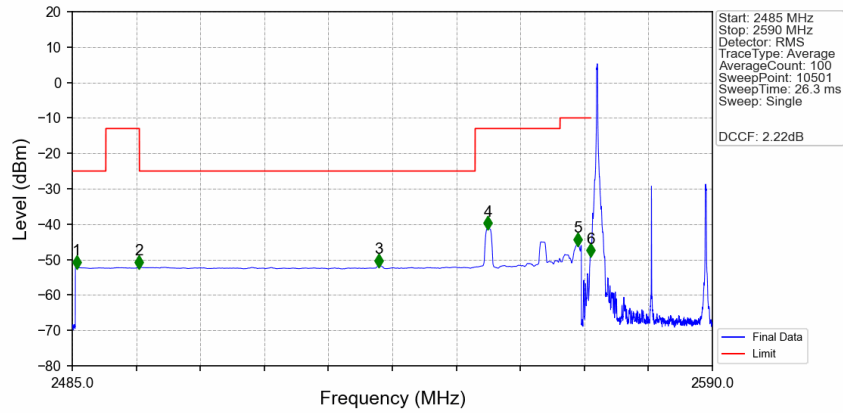
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.3	/	/	/	/	/	/
2620	2621	0.3	/	1	2620.190	-35.56	-10	Pass
2621	2625	1	CHP	2	2621.520	-33.15	-10	Pass
2625	2634.52	1	CHP	3	2625.405	-36.41	-13	Pass
2634.52	2640	1	CHP	4	2635.310	-47.01	-25	Pass

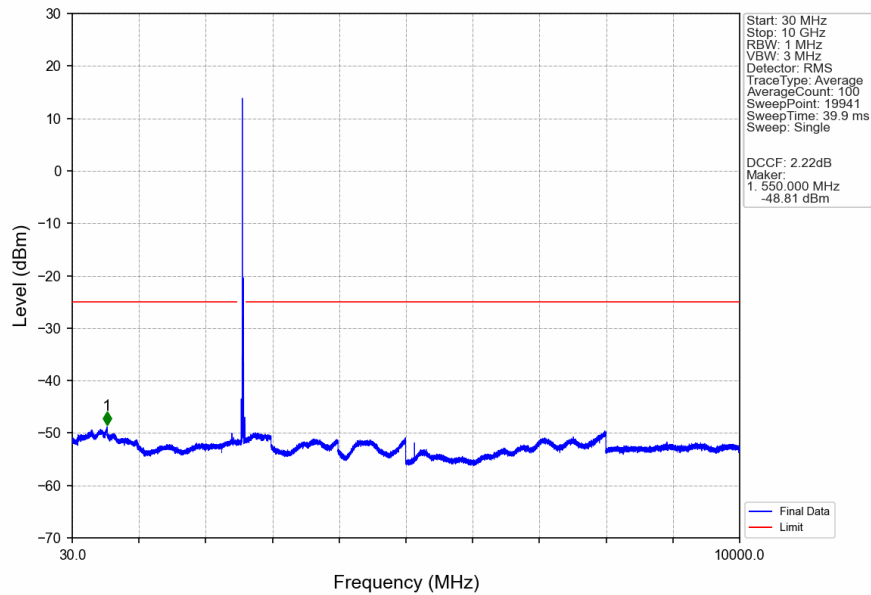
5.2.4 B38_20MHz

Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

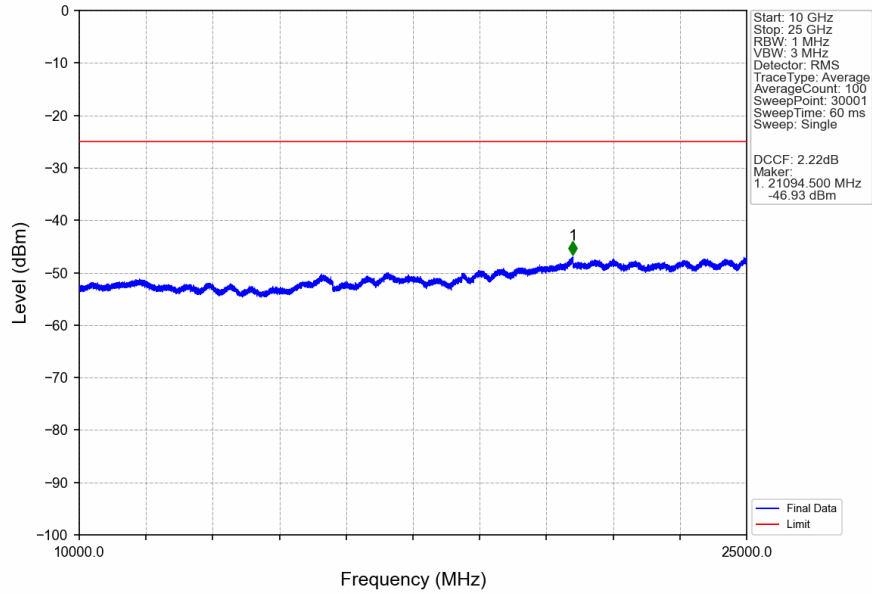


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.720	-52.24	-25	Pass
2490.5	2496	1	CHP	2	2495.940	-52.24	-13	Pass
2496	2551.078	1	CHP	3	2535.310	-51.78	-25	Pass
2551.078	2565	1	CHP	4	2553.190	-41.30	-13	Pass
2565	2569	1	CHP	5	2567.900	-45.85	-10	Pass
2569	2570	0.02	/	6	2569.990	-48.91	-10	Pass
2570	2590	0.02	/	/	/	/	/	/

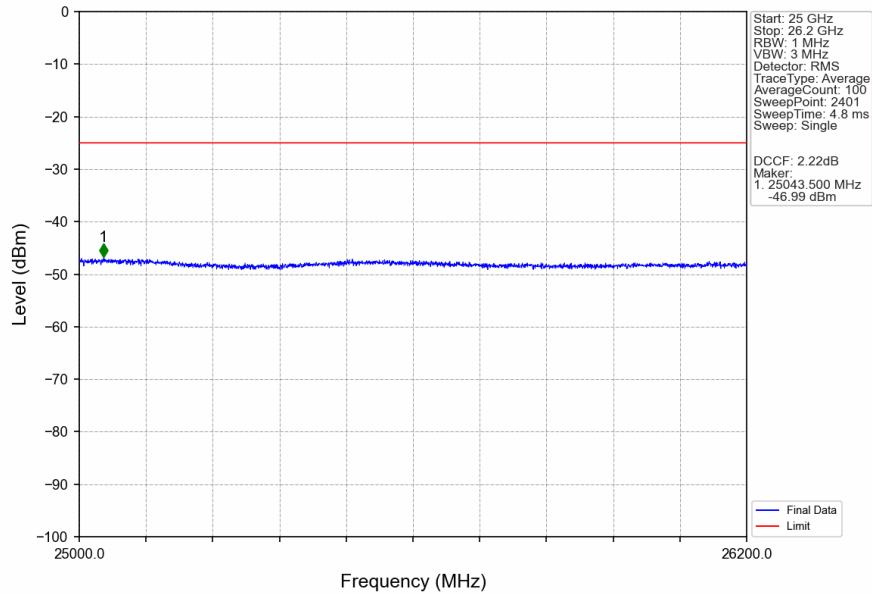
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



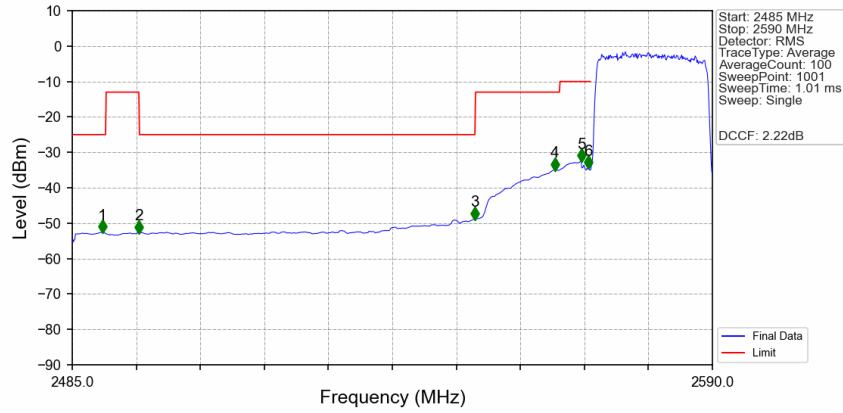
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

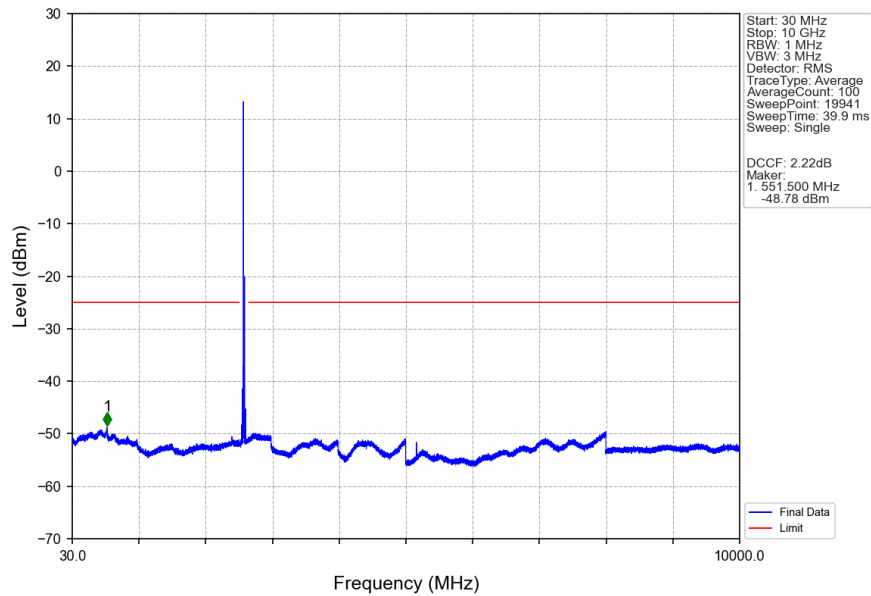


Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTV

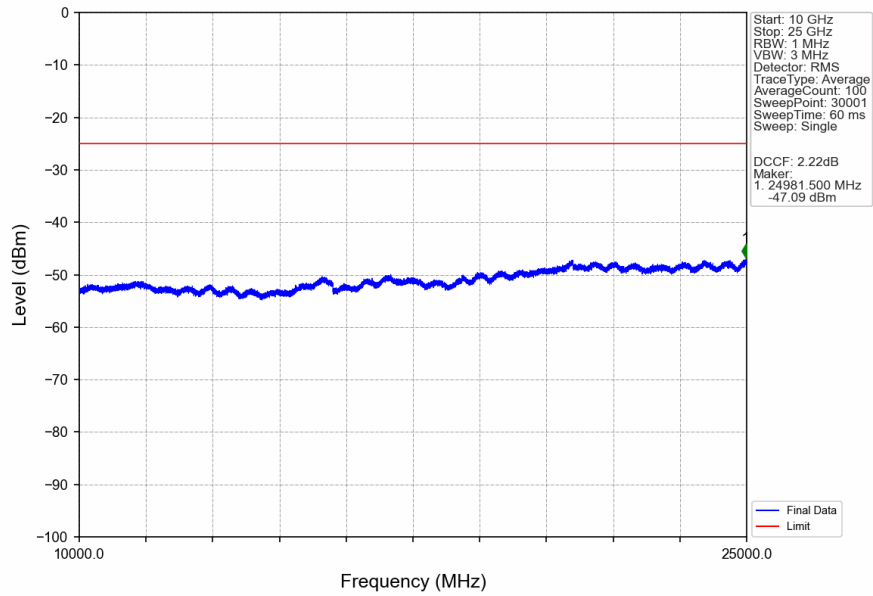


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.935	-52.55	-25	Pass
2490.5	2496	1	CHP	2	2495.920	-52.59	-13	Pass
2496	2551.078	1	CHP	3	2551.045	-48.75	-25	Pass
2551.078	2565	1	CHP	4	2564.170	-34.91	-13	Pass
2565	2569	1	CHP	5	2568.475	-32.44	-10	Pass
2569	2570	0.5	/	6	2569.630	-34.32	-10	Pass
2570	2590	0.5	/	/	/	/	/	/

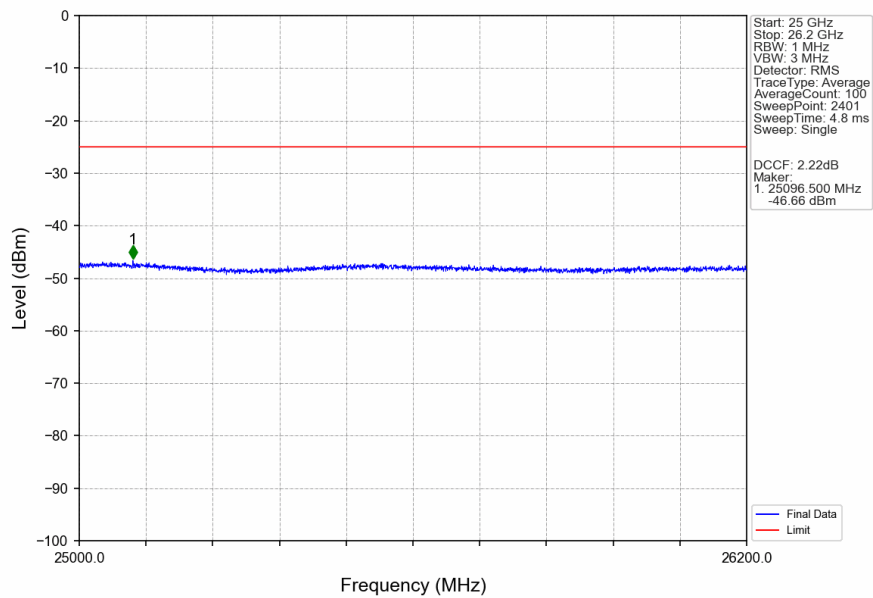
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTV



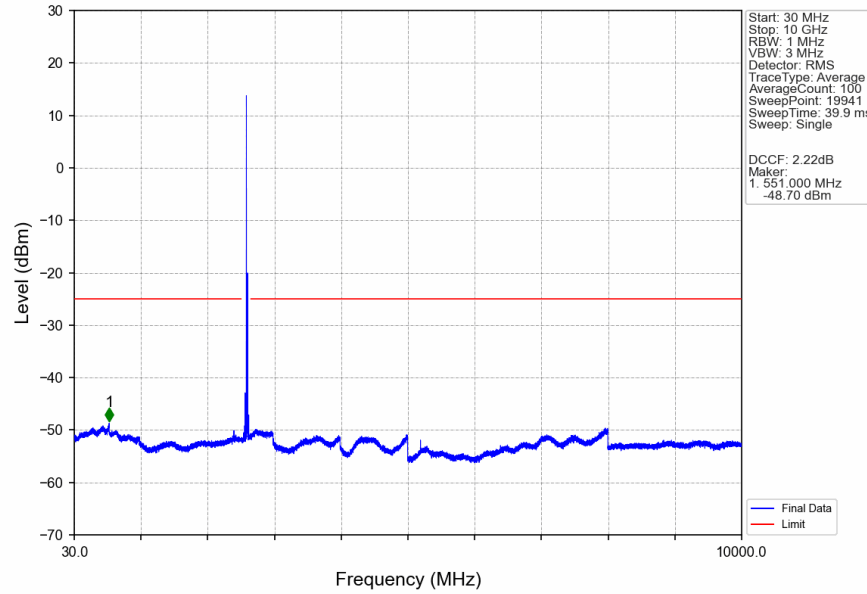
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



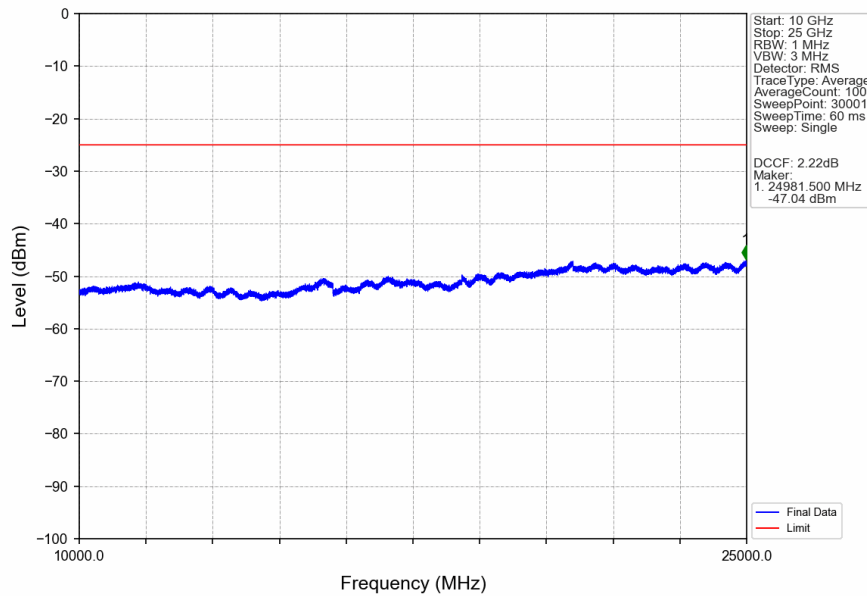
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



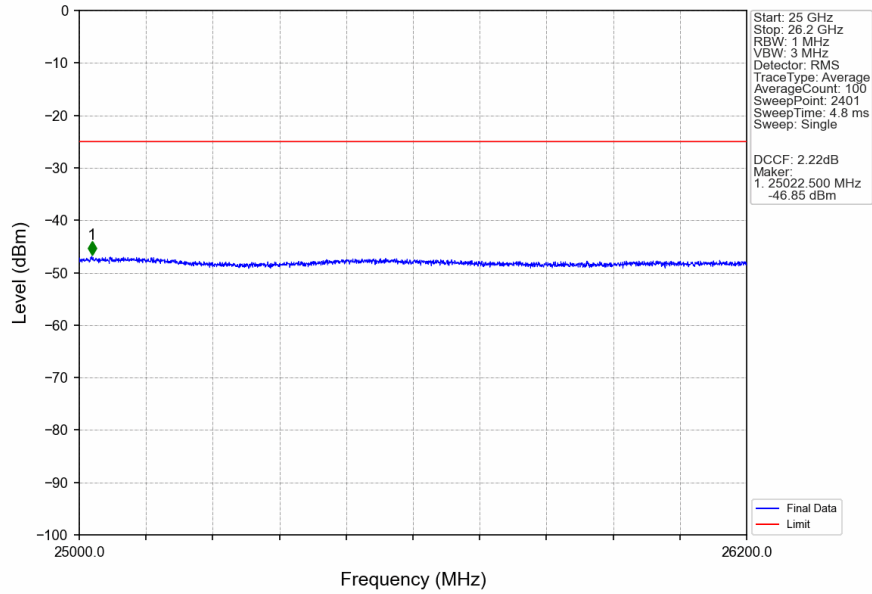
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



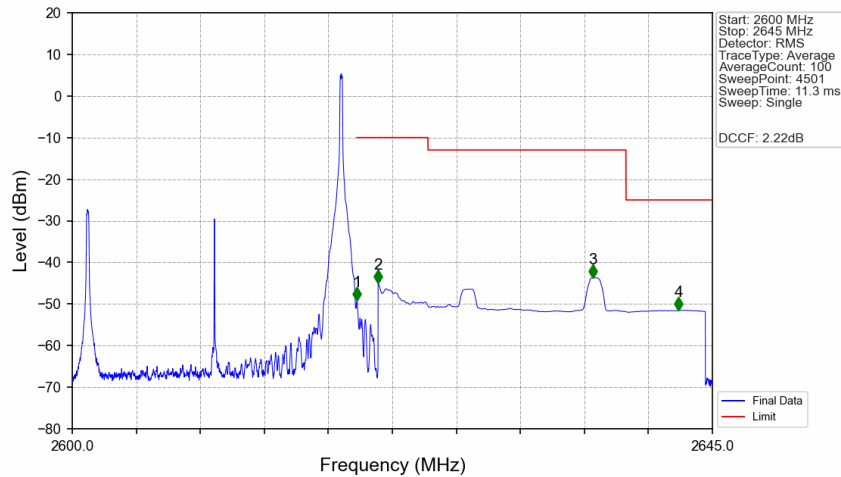
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV

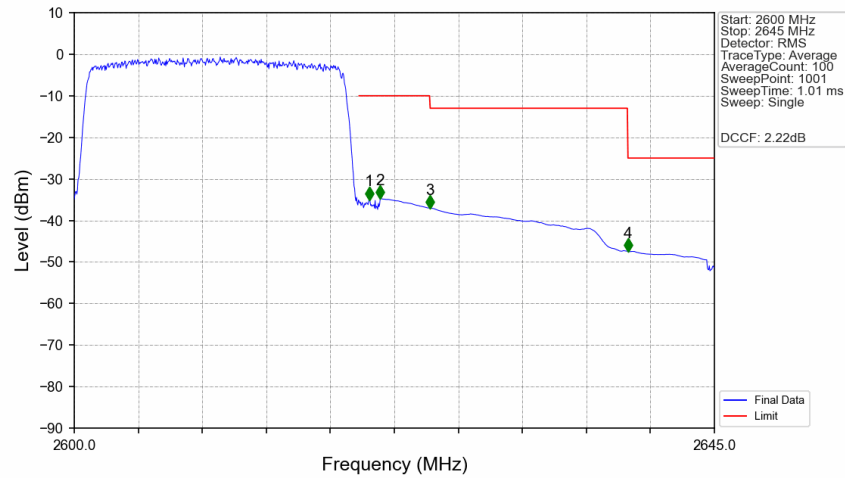


Band38_20MHz_QPSK_HCH_2610MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2600	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.020	-49.13	-10	Pass
2621	2625	1	CHP	2	2621.500	-44.90	-10	Pass
2625	2638.922	1	CHP	3	2636.570	-43.69	-13	Pass
2638.922	2645	1	CHP	4	2642.630	-51.50	-25	Pass

Band38 20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2600	2620	0.5	/	/	/	/	/	/
2620	2621	0.5	/	1	2620.745	-35.03	-10	Pass
2621	2625	1	CHP	2	2621.510	-34.69	-10	Pass
2625	2638.922	1	CHP	3	2625.020	-37.05	-13	Pass
2638.922	2645	1	CHP	4	2638.925	-47.45	-25	Pass

- End of the Appendix -