

1.1.1 B38_5MHz_EIRP

Band: 38 / Bandwidth: 5MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2572.5	1	0	22.56	2.03	24.59	<=33.00	Pass		
			13	22.44	2.03	24.47	<=33.00	Pass		
			24	22.26	2.03	24.29	<=33.00	Pass		
		12	0	21.38	2.03	23.41	<=33.00	Pass		
			6	21.35	2.03	23.38	<=33.00	Pass		
			13	21.33	2.03	23.36	<=33.00	Pass		
		25	0	21.35	2.03	23.38	<=33.00	Pass		
		2595	1	0	22.41	2.03	24.44	<=33.00	Pass	
				13	22.23	2.03	24.26	<=33.00	Pass	
	24			22.24	2.03	24.27	<=33.00	Pass		
	12		0	21.25	2.03	23.28	<=33.00	Pass		
			6	21.24	2.03	23.27	<=33.00	Pass		
			13	21.21	2.03	23.24	<=33.00	Pass		
	25	0	21.31	2.03	23.34	<=33.00	Pass			
	2617.5	1	0	22.24	2.03	24.27	<=33.00	Pass		
			13	22.24	2.03	24.27	<=33.00	Pass		
			24	22.16	2.03	24.19	<=33.00	Pass		
		12	0	21.31	2.03	23.34	<=33.00	Pass		
			6	21.17	2.03	23.20	<=33.00	Pass		
			13	21.27	2.03	23.30	<=33.00	Pass		
		25	0	21.32	2.03	23.35	<=33.00	Pass		
		16QAM	2572.5	1	0	21.53	2.03	23.56	<=33.00	Pass
					13	21.33	2.03	23.36	<=33.00	Pass
	24				21.41	2.03	23.44	<=33.00	Pass	
12	0			20.31	2.03	22.34	<=33.00	Pass		
	6			20.27	2.03	22.30	<=33.00	Pass		
	13			20.31	2.03	22.34	<=33.00	Pass		
25	0			20.27	2.03	22.30	<=33.00	Pass		
2595	1		0	21.37	2.03	23.40	<=33.00	Pass		
			13	21.27	2.03	23.30	<=33.00	Pass		
			24	21.28	2.03	23.31	<=33.00	Pass		
	12		0	20.37	2.03	22.40	<=33.00	Pass		
			6	20.32	2.03	22.35	<=33.00	Pass		
			13	20.28	2.03	22.31	<=33.00	Pass		
25	0		20.31	2.03	22.34	<=33.00	Pass			
2617.5	1		0	21.68	2.03	23.71	<=33.00	Pass		
		13	21.12	2.03	23.15	<=33.00	Pass			
		24	21.21	2.03	23.24	<=33.00	Pass			
	12	0	20.36	2.03	22.39	<=33.00	Pass			
		6	20.22	2.03	22.25	<=33.00	Pass			
		13	20.31	2.03	22.34	<=33.00	Pass			
	25	0	20.33	2.03	22.36	<=33.00	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	22.79	2.03	24.82	<=33.00	Pass		
			25	22.32	2.03	24.35	<=33.00	Pass		
			49	22.58	2.03	24.61	<=33.00	Pass		
		25	0	21.42	2.03	23.45	<=33.00	Pass		
			13	21.30	2.03	23.33	<=33.00	Pass		
			25	21.39	2.03	23.42	<=33.00	Pass		
		50	0	21.32	2.03	23.35	<=33.00	Pass		
		2595	1	0	22.73	2.03	24.76	<=33.00	Pass	
				25	22.45	2.03	24.48	<=33.00	Pass	
	49			22.74	2.03	24.77	<=33.00	Pass		
	25		0	21.36	2.03	23.39	<=33.00	Pass		
			13	21.39	2.03	23.42	<=33.00	Pass		
			25	21.43	2.03	23.46	<=33.00	Pass		
	50	0	21.38	2.03	23.41	<=33.00	Pass			
	2615	1	0	22.57	2.03	24.60	<=33.00	Pass		
			25	22.32	2.03	24.35	<=33.00	Pass		
			49	22.53	2.03	24.56	<=33.00	Pass		
		25	0	21.33	2.03	23.36	<=33.00	Pass		
			13	21.30	2.03	23.33	<=33.00	Pass		
			25	21.36	2.03	23.39	<=33.00	Pass		
		50	0	21.38	2.03	23.41	<=33.00	Pass		
		16QAM	2575	1	0	21.82	2.03	23.85	<=33.00	Pass
					25	21.11	2.03	23.14	<=33.00	Pass
	49				21.40	2.03	23.43	<=33.00	Pass	
	25			0	20.49	2.03	22.52	<=33.00	Pass	
				13	20.39	2.03	22.42	<=33.00	Pass	
				25	20.41	2.03	22.44	<=33.00	Pass	
50	0			20.34	2.03	22.37	<=33.00	Pass		
2595	1			0	21.46	2.03	23.49	<=33.00	Pass	
				25	21.19	2.03	23.22	<=33.00	Pass	
			49	21.48	2.03	23.51	<=33.00	Pass		
	25		0	20.42	2.03	22.45	<=33.00	Pass		
			13	20.39	2.03	22.42	<=33.00	Pass		
			25	20.39	2.03	22.42	<=33.00	Pass		
50	0		20.40	2.03	22.43	<=33.00	Pass			
2615	1		0	21.23	2.03	23.26	<=33.00	Pass		
			25	21.51	2.03	23.54	<=33.00	Pass		
			49	21.55	2.03	23.58	<=33.00	Pass		
	25		0	20.32	2.03	22.35	<=33.00	Pass		
		13	20.34	2.03	22.37	<=33.00	Pass			
		25	20.40	2.03	22.43	<=33.00	Pass			
	50	0	20.34	2.03	22.37	<=33.00	Pass			
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.3 B38_15MHz_EIRP

Band: 38 / Bandwidth: 15MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2577.5	1	0	22.67	2.03	24.70	<=33.00	Pass		
			38	22.40	2.03	24.43	<=33.00	Pass		
			74	22.95	2.03	24.98	<=33.00	Pass		
		36	0	21.28	2.03	23.31	<=33.00	Pass		
			18	21.35	2.03	23.38	<=33.00	Pass		
			39	21.36	2.03	23.39	<=33.00	Pass		
		75	0	21.41	2.03	23.44	<=33.00	Pass		
		2595	1	0	22.43	2.03	24.46	<=33.00	Pass	
				38	22.15	2.03	24.18	<=33.00	Pass	
	74			22.41	2.03	24.44	<=33.00	Pass		
	36		0	21.15	2.03	23.18	<=33.00	Pass		
			18	21.24	2.03	23.27	<=33.00	Pass		
			39	21.25	2.03	23.28	<=33.00	Pass		
	75	0	21.26	2.03	23.29	<=33.00	Pass			
	2612.5	1	0	22.41	2.03	24.44	<=33.00	Pass		
			38	22.07	2.03	24.10	<=33.00	Pass		
			74	22.53	2.03	24.56	<=33.00	Pass		
		36	0	21.09	2.03	23.12	<=33.00	Pass		
			18	21.13	2.03	23.16	<=33.00	Pass		
			39	21.22	2.03	23.25	<=33.00	Pass		
		75	0	21.16	2.03	23.19	<=33.00	Pass		
		16QAM	2577.5	1	0	21.58	2.03	23.61	<=33.00	Pass
					38	21.24	2.03	23.27	<=33.00	Pass
	74				21.41	2.03	23.44	<=33.00	Pass	
36	0			20.29	2.03	22.32	<=33.00	Pass		
	18			20.31	2.03	22.34	<=33.00	Pass		
	39			20.31	2.03	22.34	<=33.00	Pass		
75	0			20.40	2.03	22.43	<=33.00	Pass		
2595	1			0	21.85	2.03	23.88	<=33.00	Pass	
				38	21.21	2.03	23.24	<=33.00	Pass	
			74	21.62	2.03	23.65	<=33.00	Pass		
	36		0	20.17	2.03	22.20	<=33.00	Pass		
			18	20.18	2.03	22.21	<=33.00	Pass		
			39	20.30	2.03	22.33	<=33.00	Pass		
75	0		20.26	2.03	22.29	<=33.00	Pass			
2612.5	1		0	21.45	2.03	23.48	<=33.00	Pass		
			38	21.07	2.03	23.10	<=33.00	Pass		
			74	21.56	2.03	23.59	<=33.00	Pass		
	36		0	20.12	2.03	22.15	<=33.00	Pass		
			18	20.09	2.03	22.12	<=33.00	Pass		
			39	20.21	2.03	22.24	<=33.00	Pass		
	75		0	20.14	2.03	22.17	<=33.00	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B38_20MHz_EIRP

Band: 38 / Bandwidth: 20MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2580	1	0	22.47	2.03	24.50	<=33.00	Pass		
			50	22.26	2.03	24.29	<=33.00	Pass		
			99	22.62	2.03	24.65	<=33.00	Pass		
		50	0	21.32	2.03	23.35	<=33.00	Pass		
			25	21.35	2.03	23.38	<=33.00	Pass		
			50	21.34	2.03	23.37	<=33.00	Pass		
		100	0	21.32	2.03	23.35	<=33.00	Pass		
		2595	1	0	22.25	2.03	24.28	<=33.00	Pass	
				50	22.21	2.03	24.24	<=33.00	Pass	
	99			22.46	2.03	24.49	<=33.00	Pass		
	50		0	21.20	2.03	23.23	<=33.00	Pass		
			25	21.23	2.03	23.26	<=33.00	Pass		
			50	21.38	2.03	23.41	<=33.00	Pass		
	100		0	21.32	2.03	23.35	<=33.00	Pass		
	2610		1	0	22.34	2.03	24.37	<=33.00	Pass	
				50	22.07	2.03	24.10	<=33.00	Pass	
		99		22.45	2.03	24.48	<=33.00	Pass		
		50	0	21.18	2.03	23.21	<=33.00	Pass		
			25	21.11	2.03	23.14	<=33.00	Pass		
			50	21.26	2.03	23.29	<=33.00	Pass		
		100	0	21.21	2.03	23.24	<=33.00	Pass		
		16QAM	2580	1	0	21.85	2.03	23.88	<=33.00	Pass
					50	21.67	2.03	23.70	<=33.00	Pass
	99				21.65	2.03	23.68	<=33.00	Pass	
	50			0	20.37	2.03	22.40	<=33.00	Pass	
				25	20.36	2.03	22.39	<=33.00	Pass	
				50	20.32	2.03	22.35	<=33.00	Pass	
100	0			20.37	2.03	22.40	<=33.00	Pass		
2595	1			0	21.16	2.03	23.19	<=33.00	Pass	
				50	21.36	2.03	23.39	<=33.00	Pass	
			99	21.65	2.03	23.68	<=33.00	Pass		
	50		0	20.24	2.03	22.27	<=33.00	Pass		
			25	20.21	2.03	22.24	<=33.00	Pass		
			50	20.38	2.03	22.41	<=33.00	Pass		
	100		0	20.28	2.03	22.31	<=33.00	Pass		
	2610		1	0	21.47	2.03	23.50	<=33.00	Pass	
				50	21.20	2.03	23.23	<=33.00	Pass	
99				21.53	2.03	23.56	<=33.00	Pass		
50			0	20.27	2.03	22.30	<=33.00	Pass		
			25	20.12	2.03	22.15	<=33.00	Pass		
			50	20.25	2.03	22.28	<=33.00	Pass		
100			0	20.20	2.03	22.23	<=33.00	Pass		
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	1.733	0.0007	-2.5 to 2.5	Pass
					3.85	0.670	0.0003	-2.5 to 2.5	Pass
					4.43	-13.783	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	1.188	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-11.999	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-14.617	-0.0056	-2.5 to 2.5	Pass
				0	3.85	0.488	0.0002	-2.5 to 2.5	Pass
				10	3.85	-11.282	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-0.307	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.468	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-1.733	-0.0007	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band38_OBW

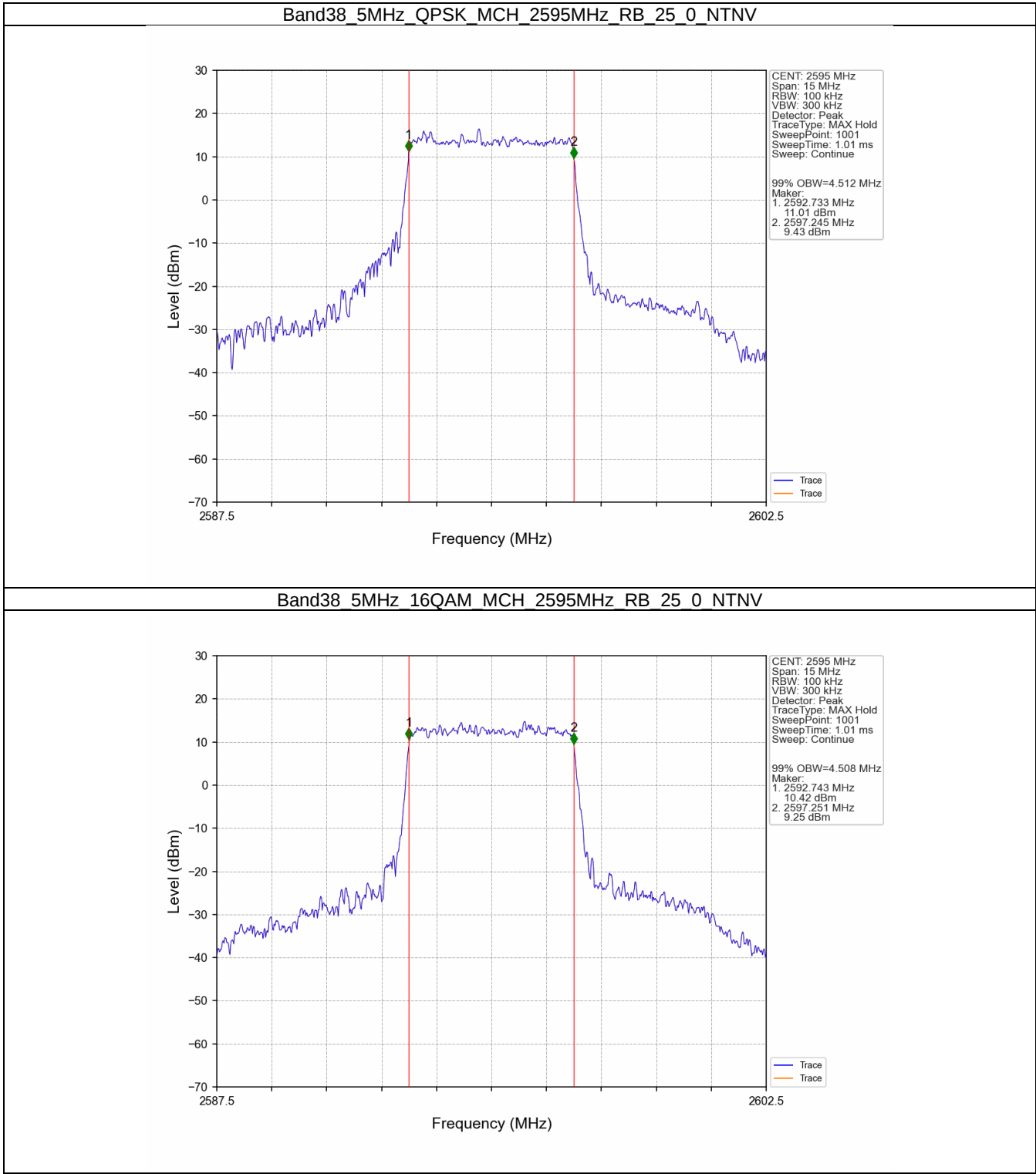
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	4.512	/	Pass
	16QAM	2595	25	0	4.508	/	Pass
10	QPSK	2595	50	0	8.996	/	Pass
	16QAM	2595	50	0	8.976	/	Pass
15	QPSK	2595	75	0	13.502	/	Pass
	16QAM	2595	75	0	13.451	/	Pass
20	QPSK	2595	100	0	18.040	/	Pass
	16QAM	2595	100	0	18.053	/	Pass

3.1.2 Band38_XDB

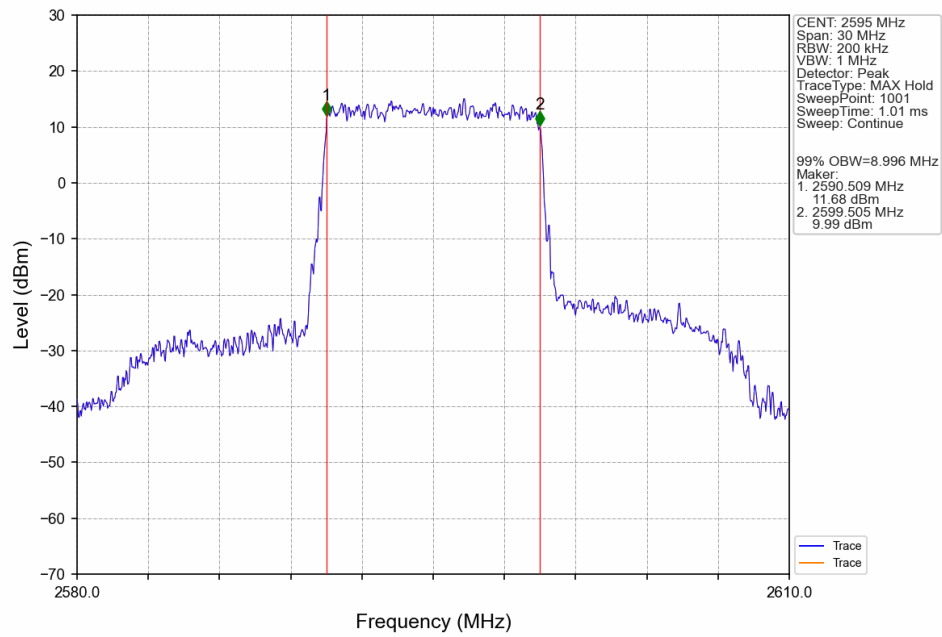
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	5.204	/	Pass
	16QAM	2595	25	0	4.969	/	Pass
10	QPSK	2595	50	0	9.882	/	Pass
	16QAM	2595	50	0	9.837	/	Pass
15	QPSK	2595	75	0	14.506	/	Pass
	16QAM	2595	75	0	14.768	/	Pass
20	QPSK	2595	100	0	19.514	/	Pass
	16QAM	2595	100	0	19.672	/	Pass

3.2 Test Graph

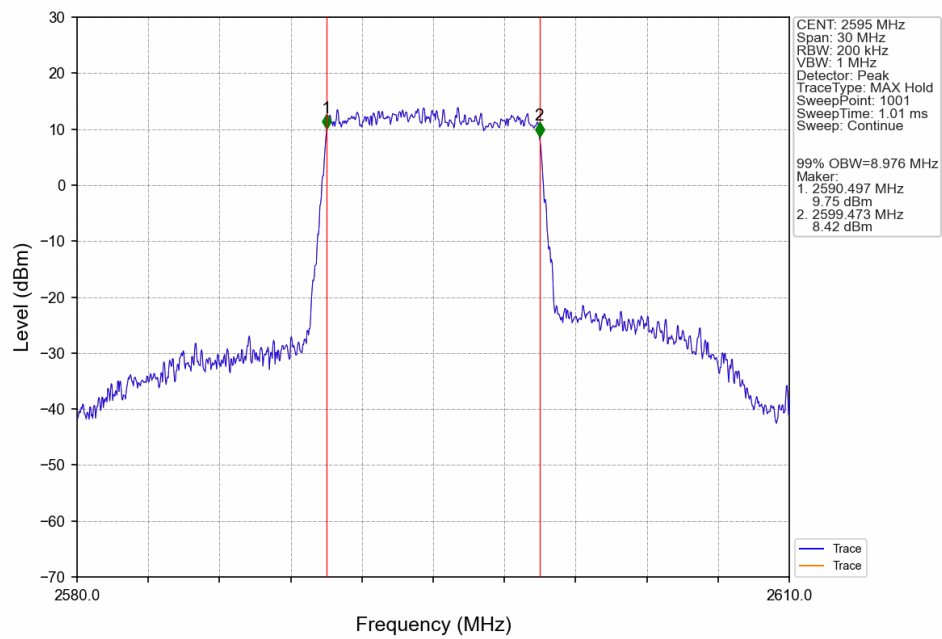
3.2.1 Band38_OBW



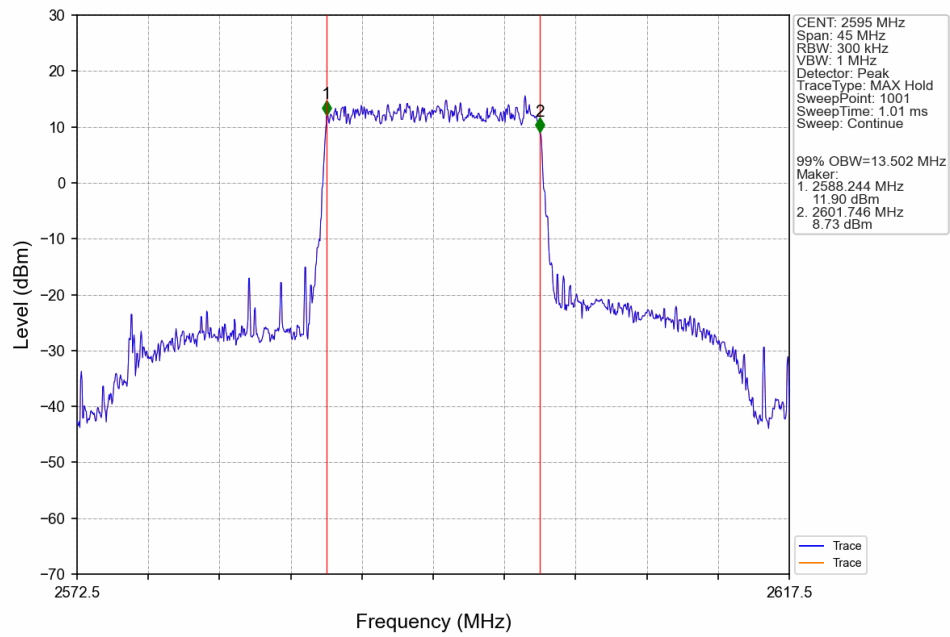
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



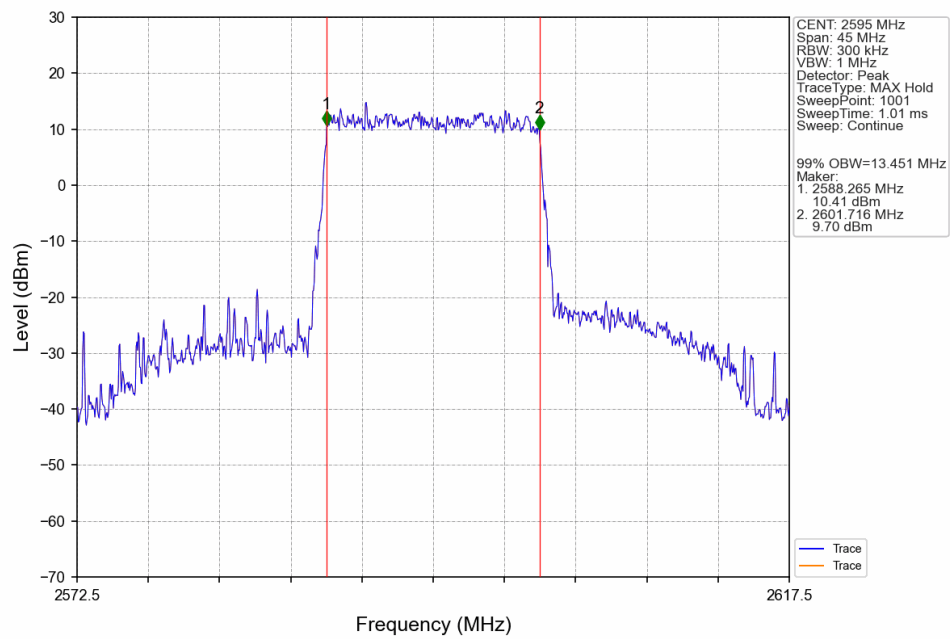
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



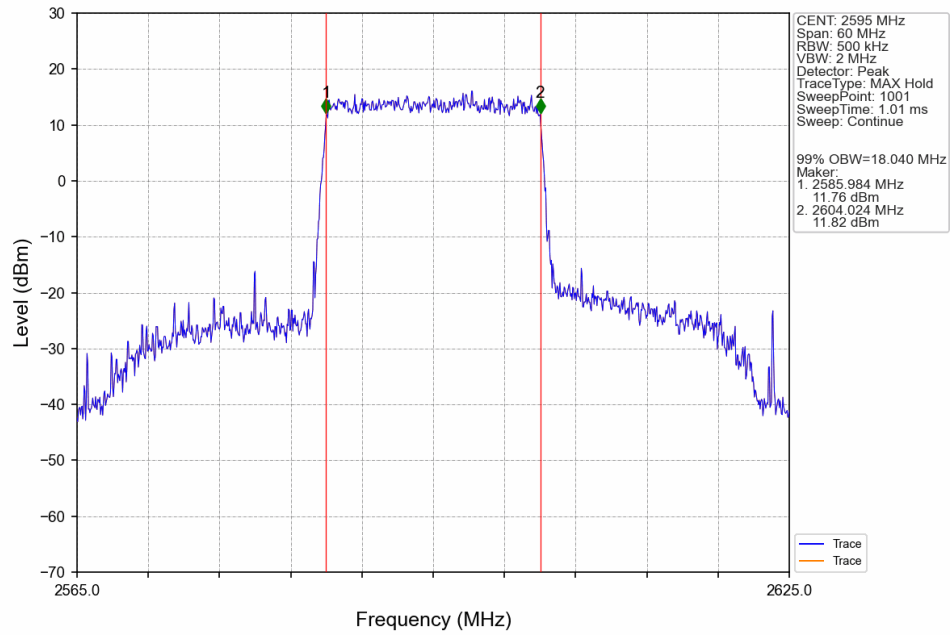
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



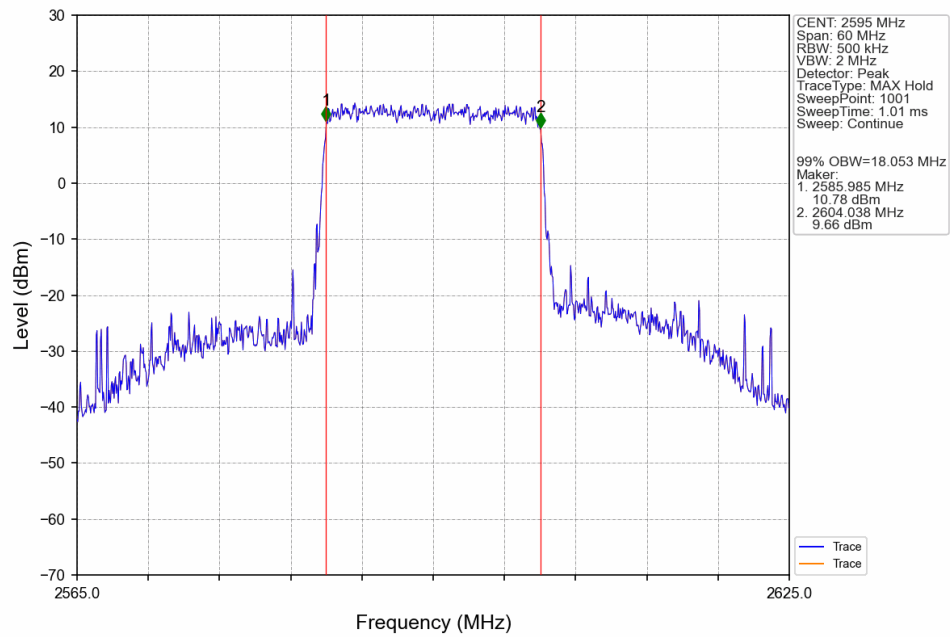
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



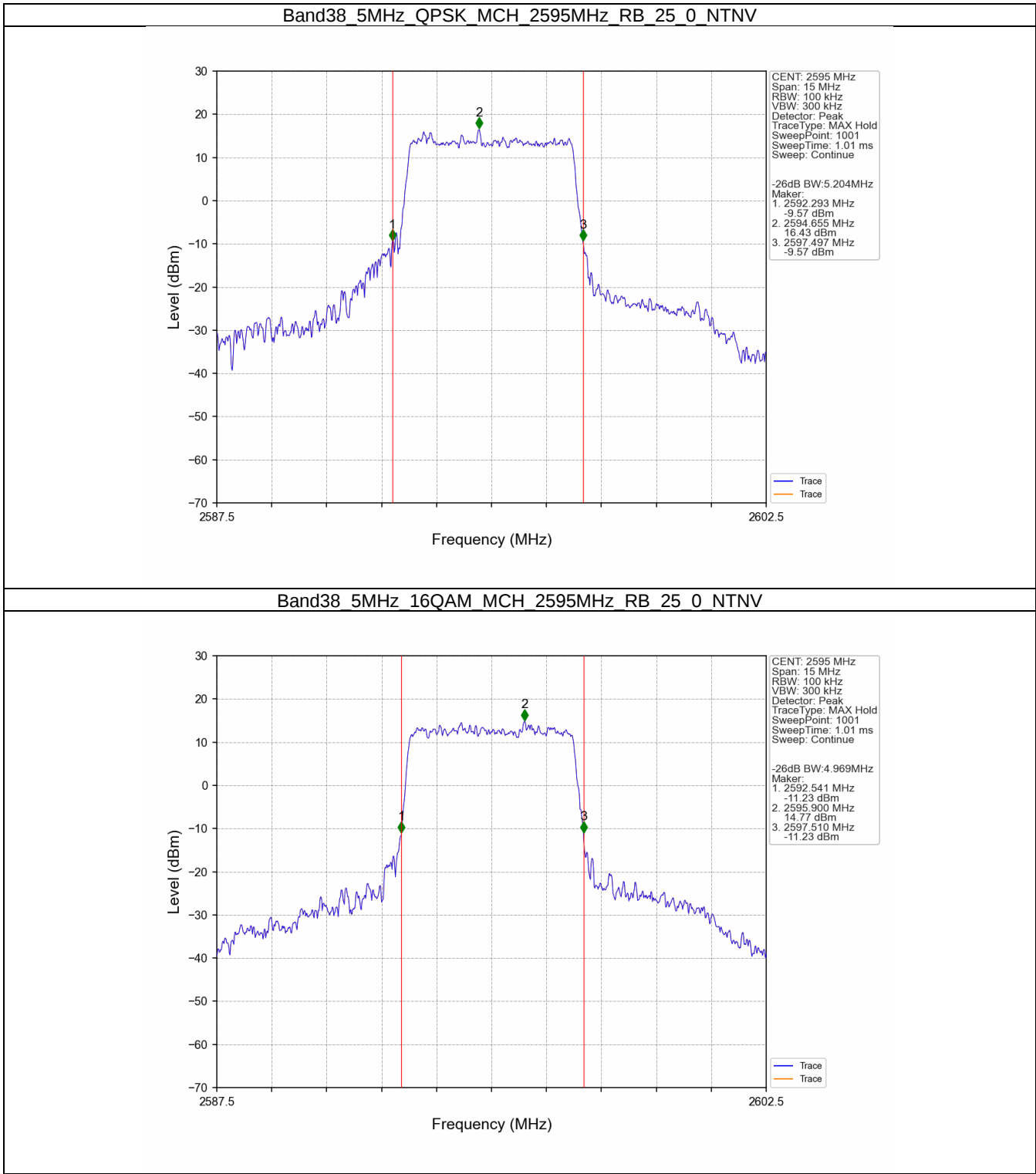
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



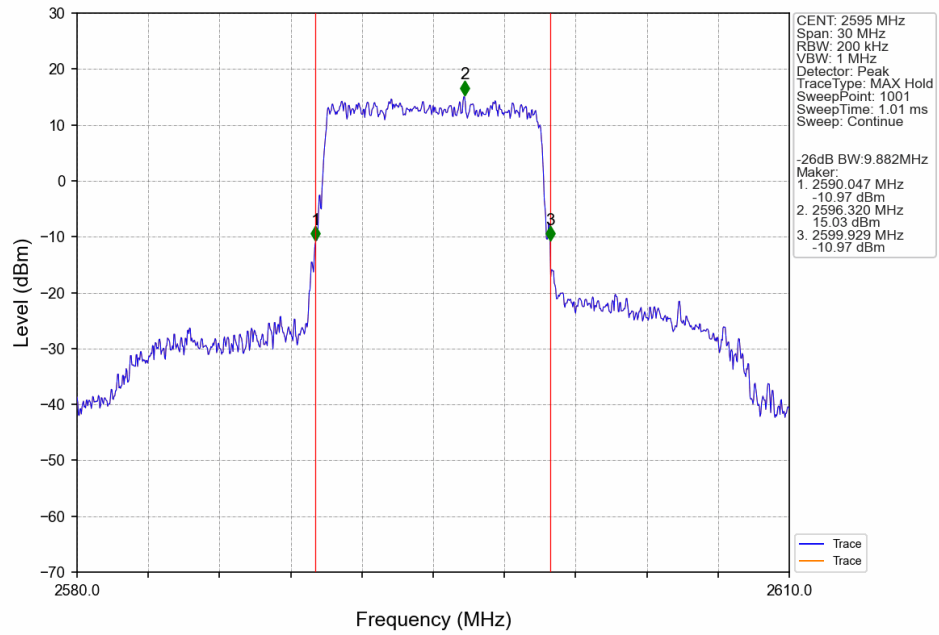
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



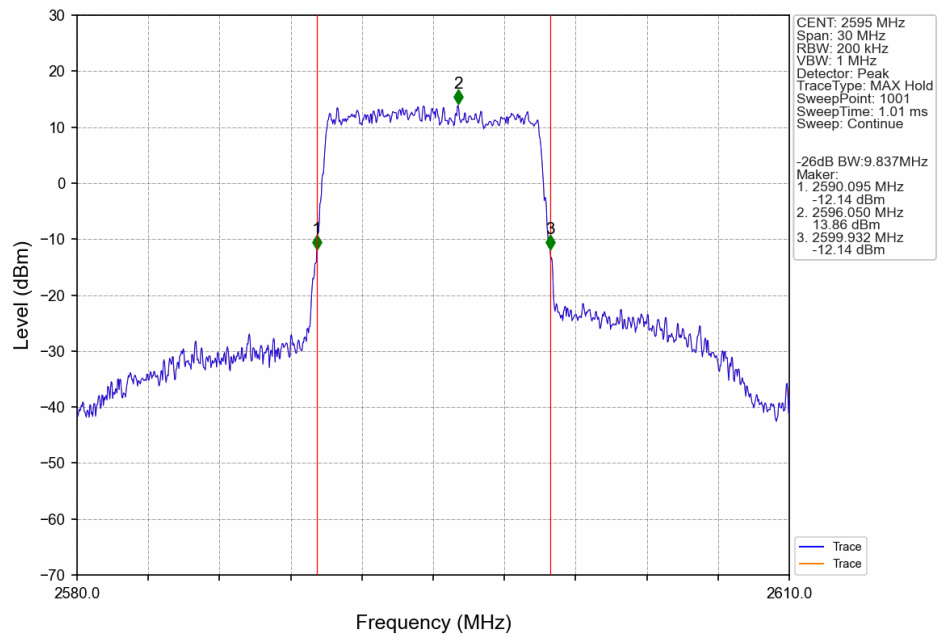
3.2.2 Band38_XDB



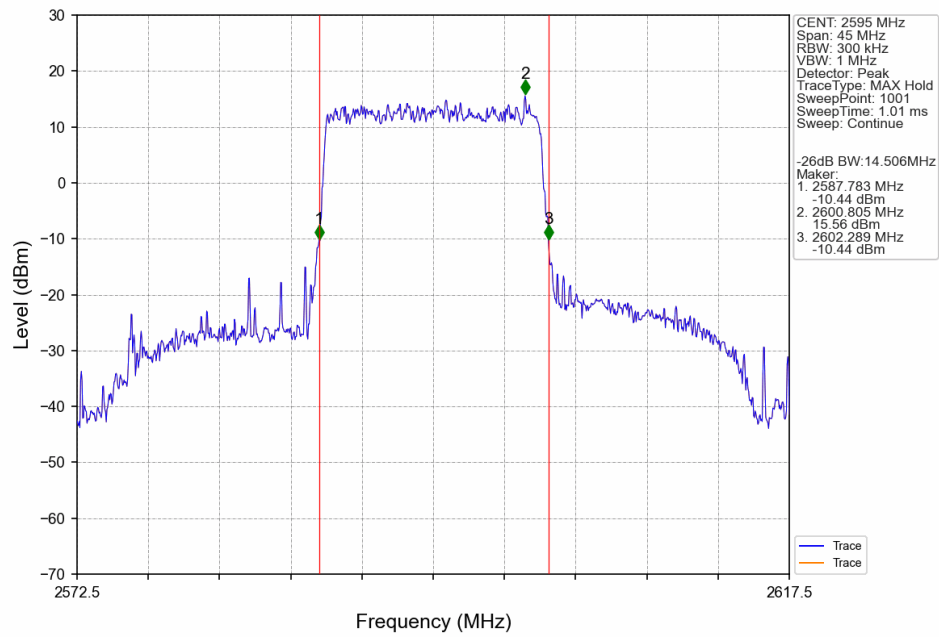
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



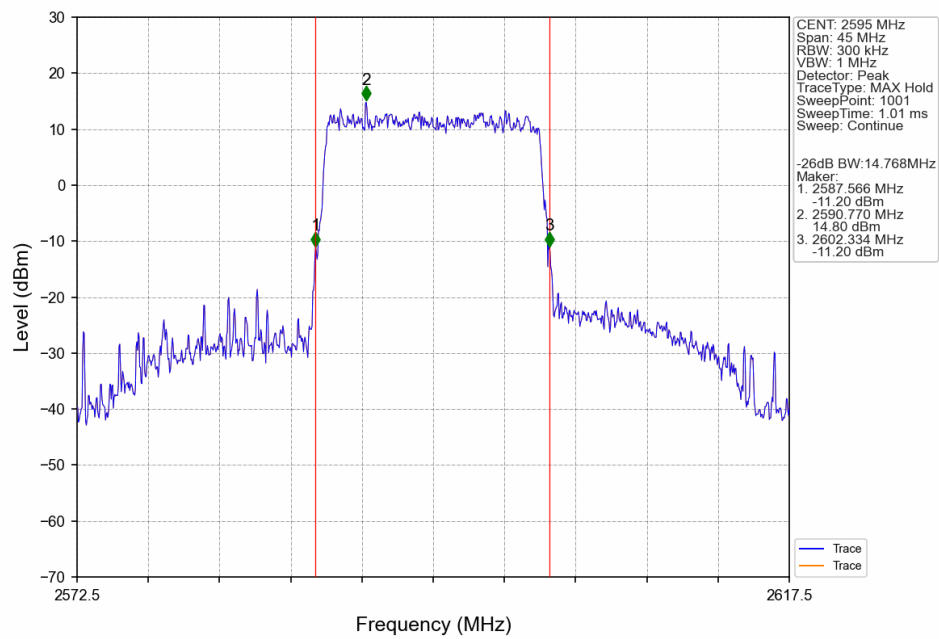
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



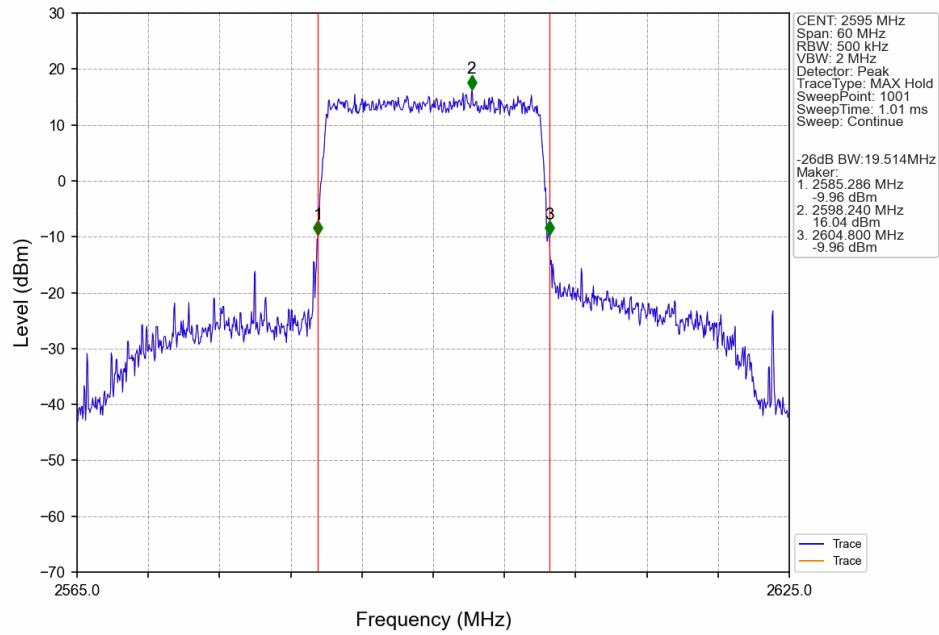
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



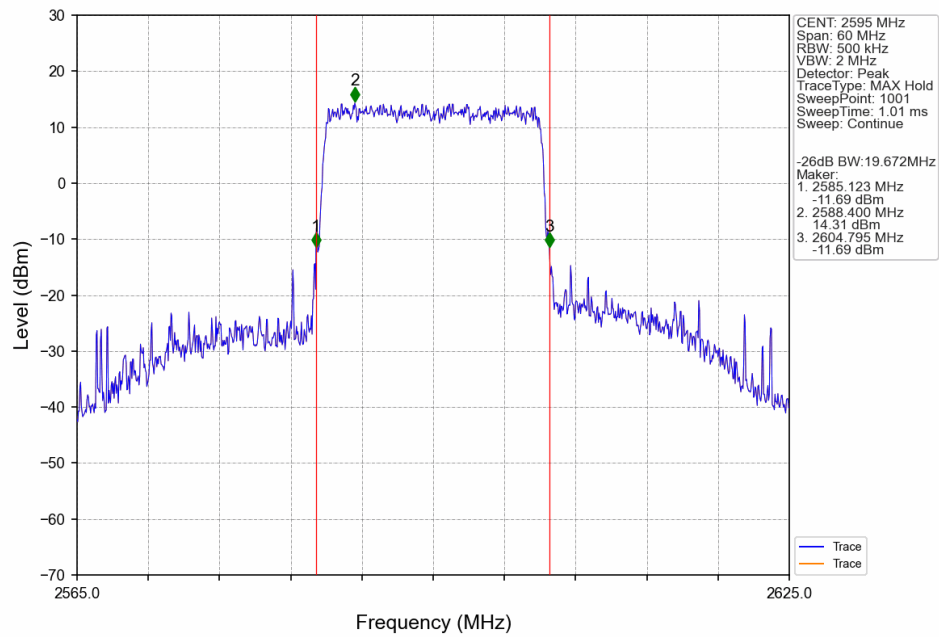
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



4. Peak-Average Ratio

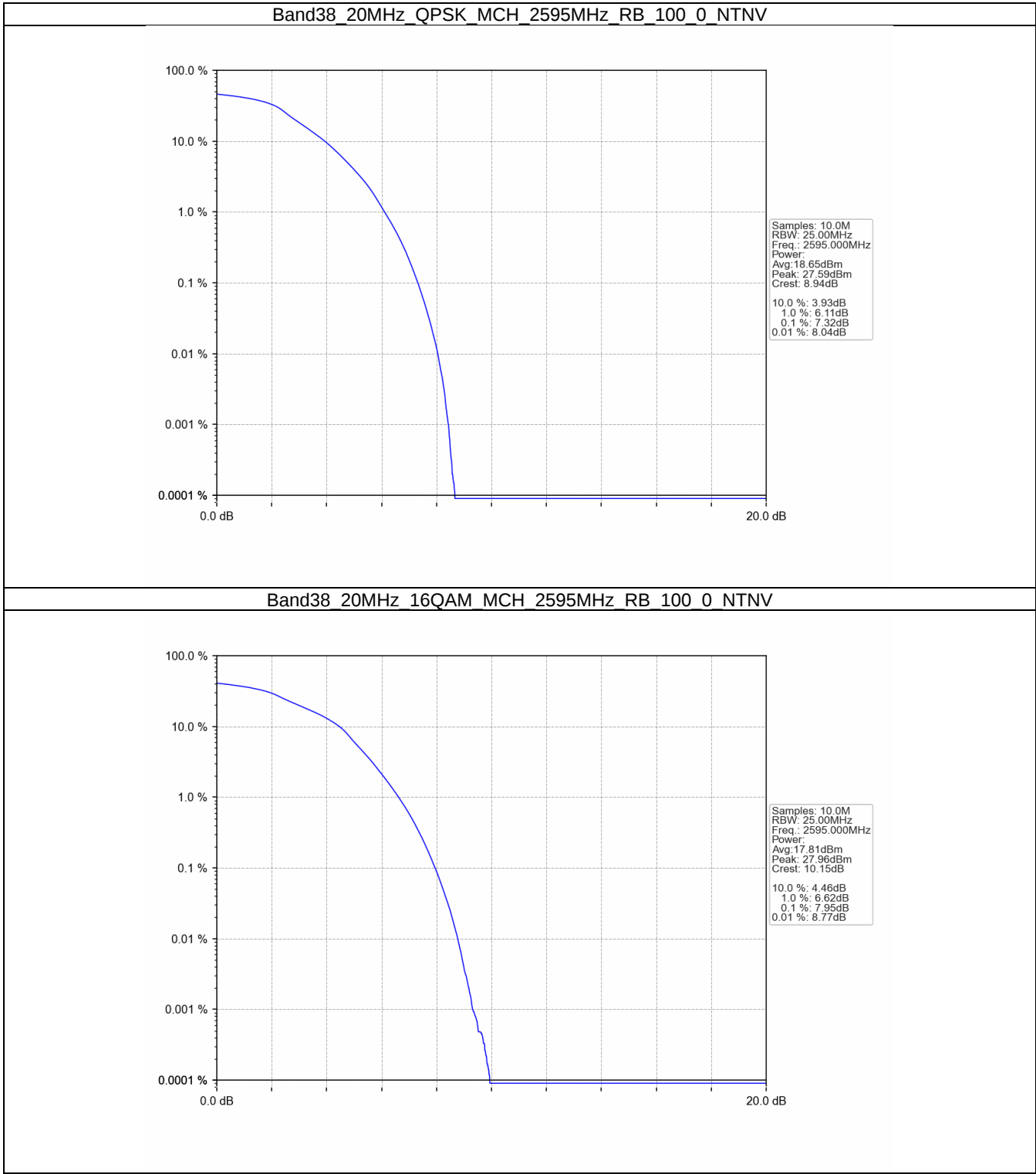
4.1 Test Result

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	7.32	<=13	Pass
16QAM	2595	100	0	7.95	<=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 / NTNV						
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

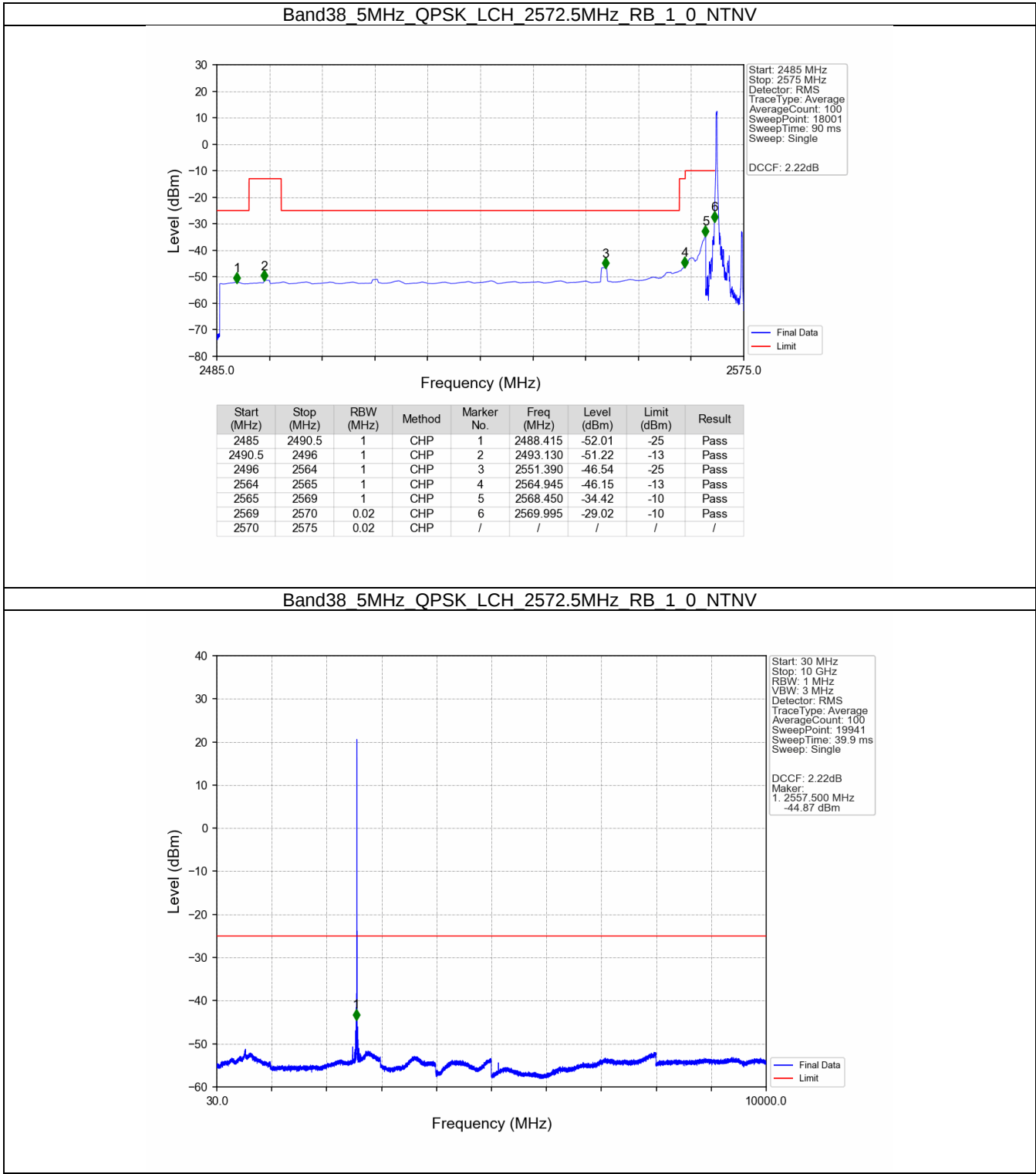
Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B38_20MHz

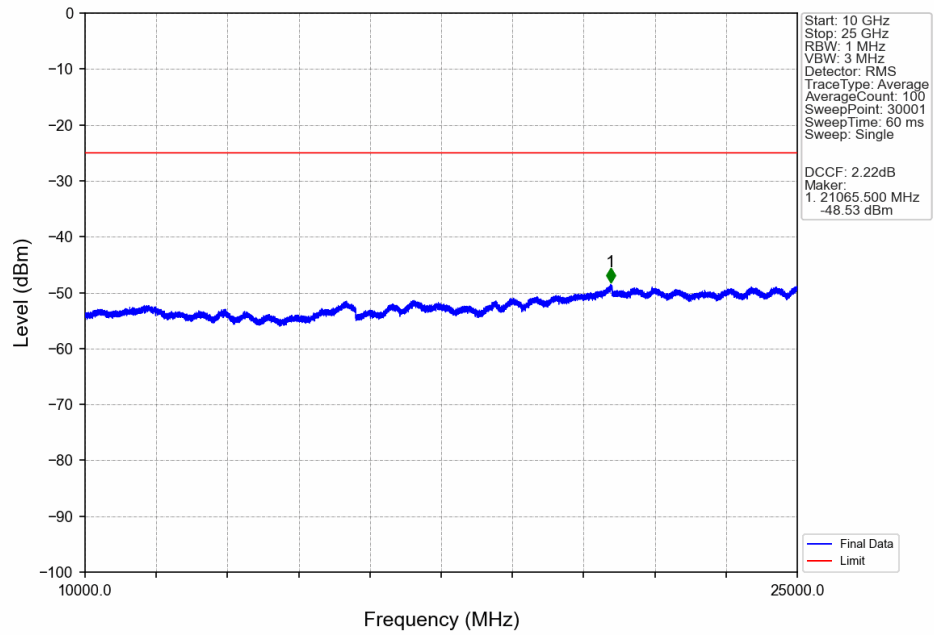
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

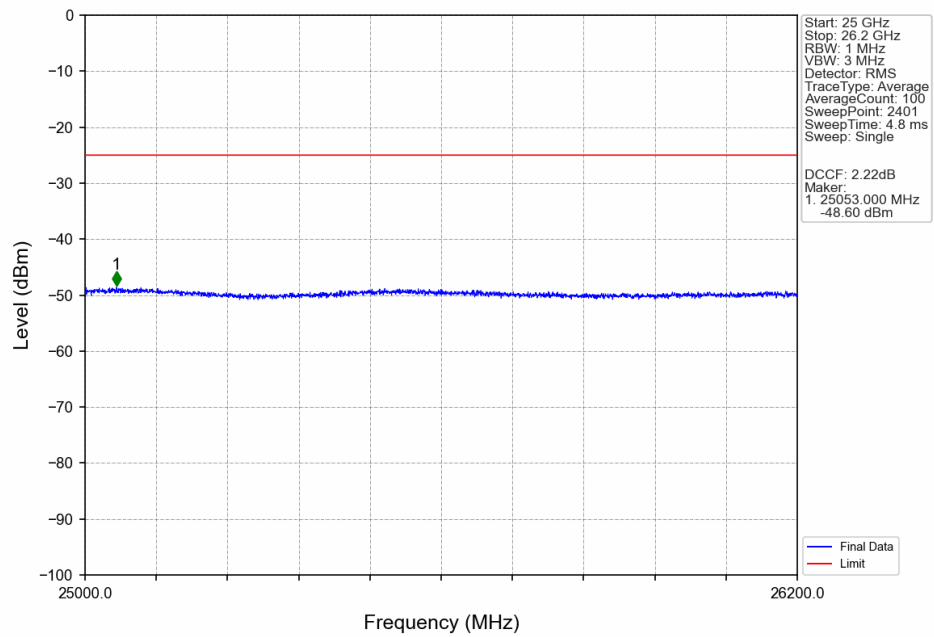
5.2.1 B38_5MHz



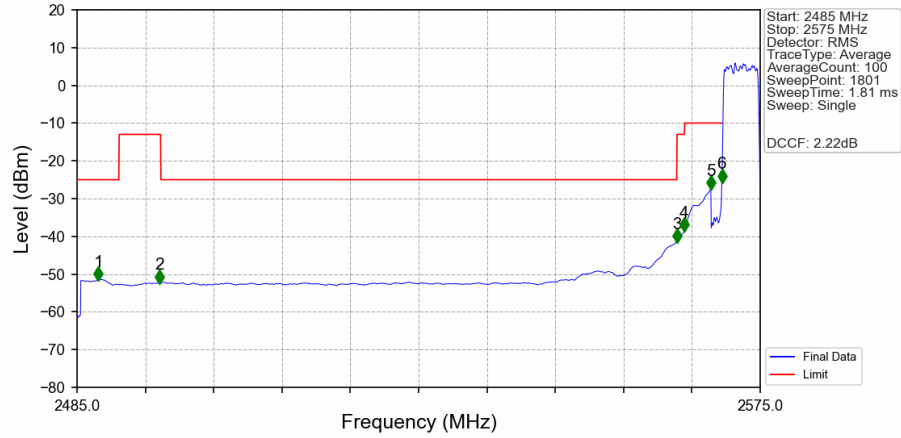
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

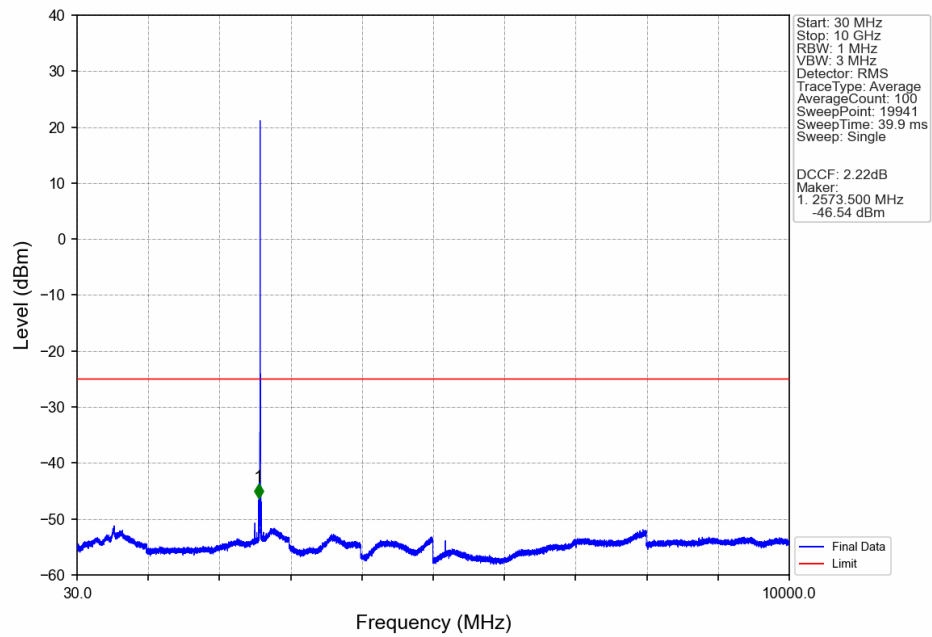


Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV

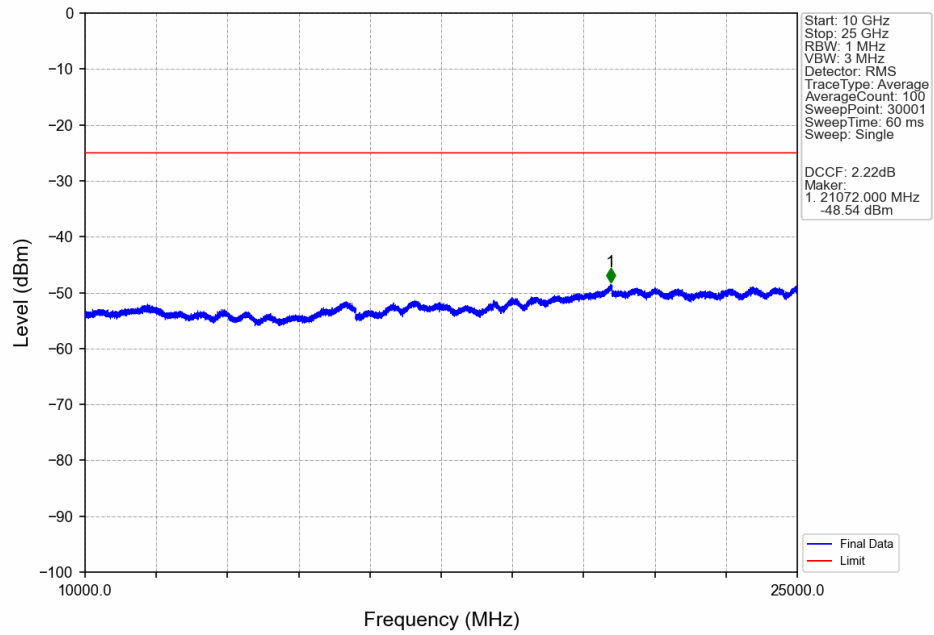


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.800	-51.44	-25	Pass
2490.5	2496	1	CHP	2	2495.900	-52.20	-13	Pass
2496	2564	1	CHP	3	2564.000	-41.48	-25	Pass
2564	2565	1	CHP	4	2565.000	-38.49	-13	Pass
2565	2569	1	CHP	5	2568.500	-27.35	-10	Pass
2569	2570	0.104	CHP	6	2569.950	-25.50	-10	Pass
2570	2575	0.104	CHP	/	/	/	/	/

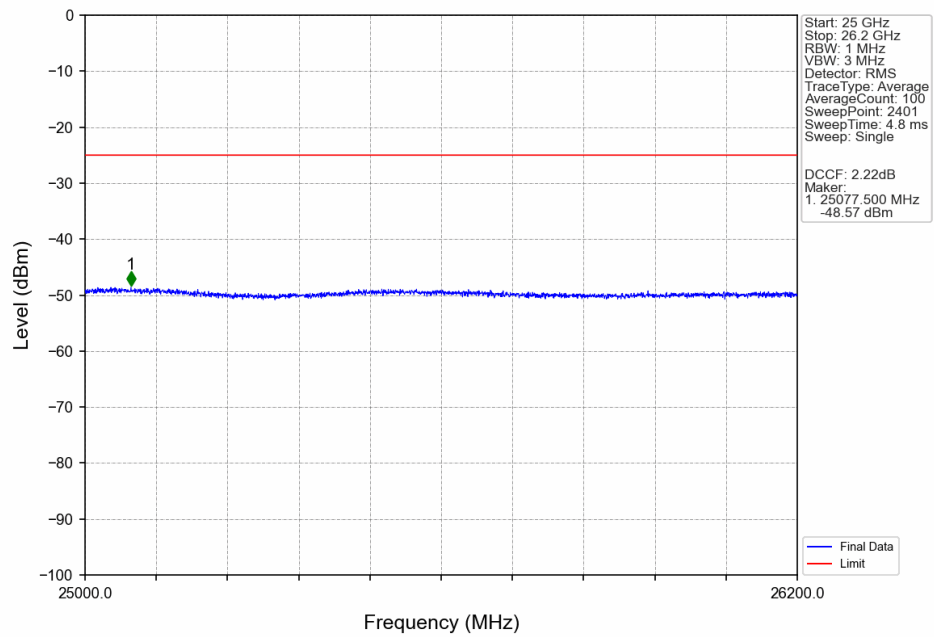
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



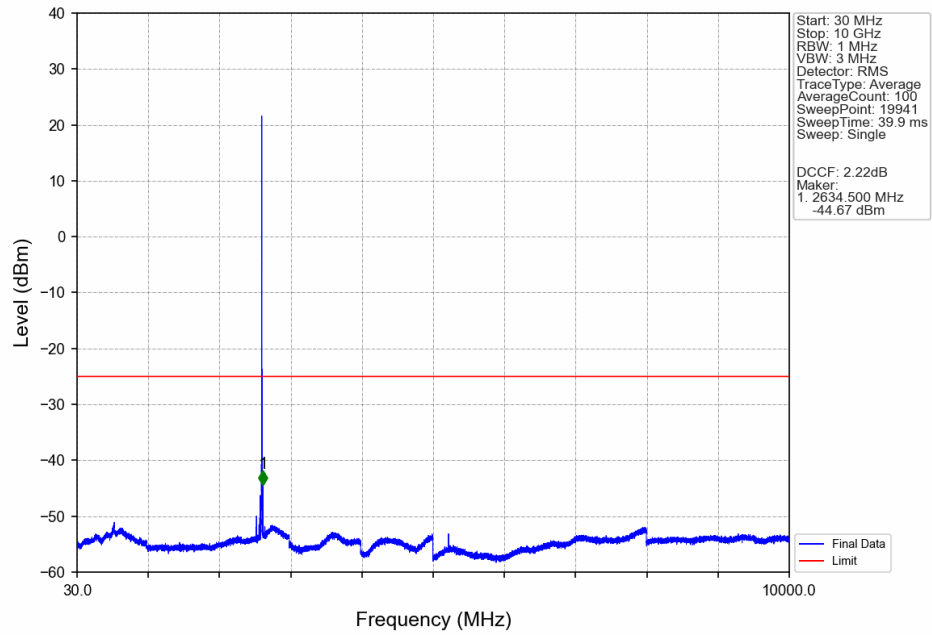
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



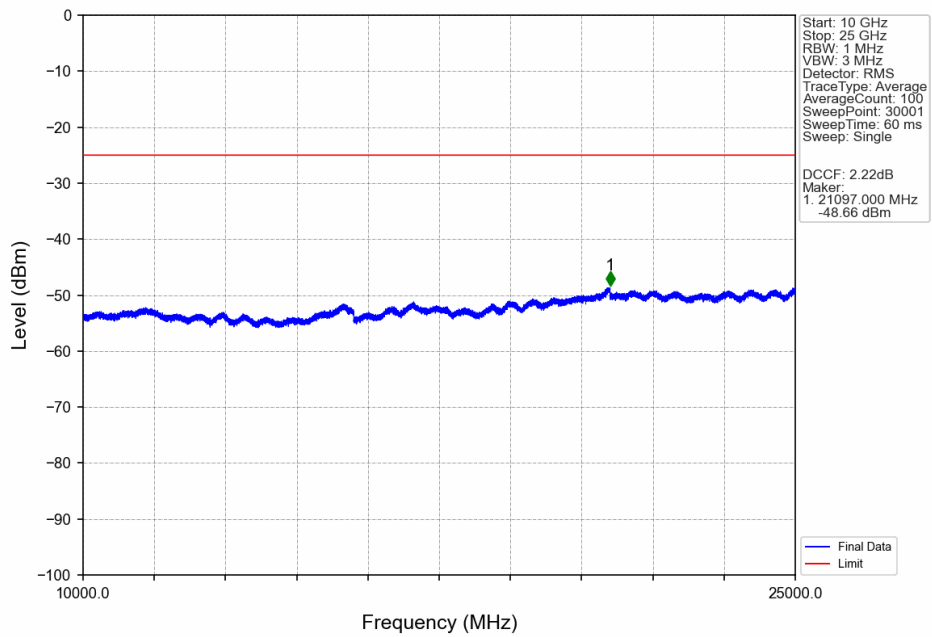
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



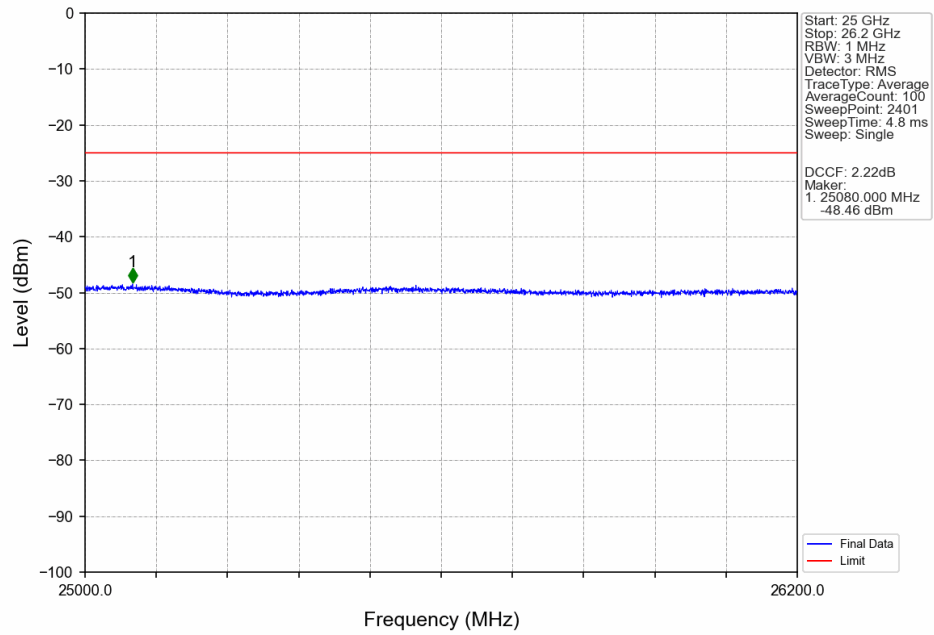
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



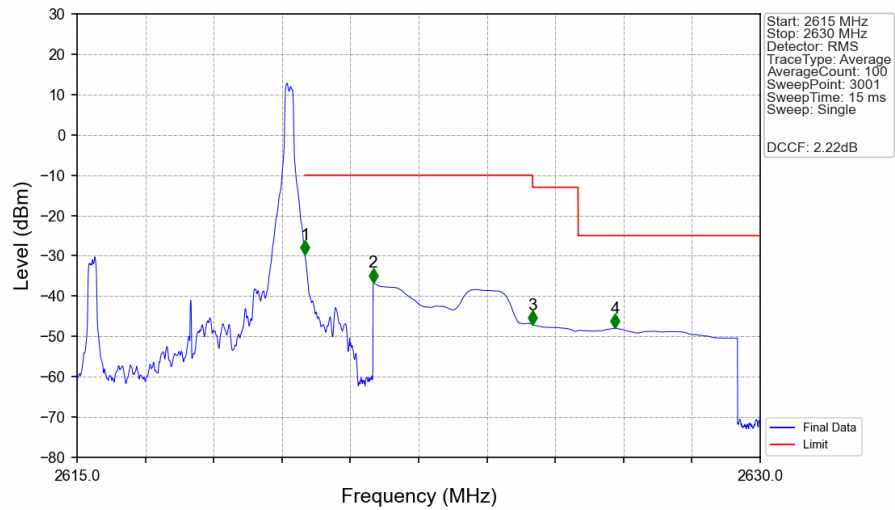
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV

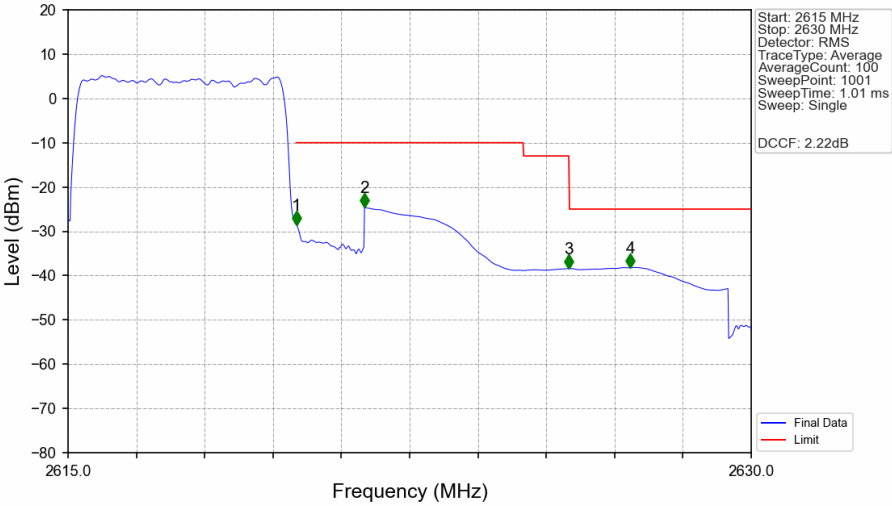


Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



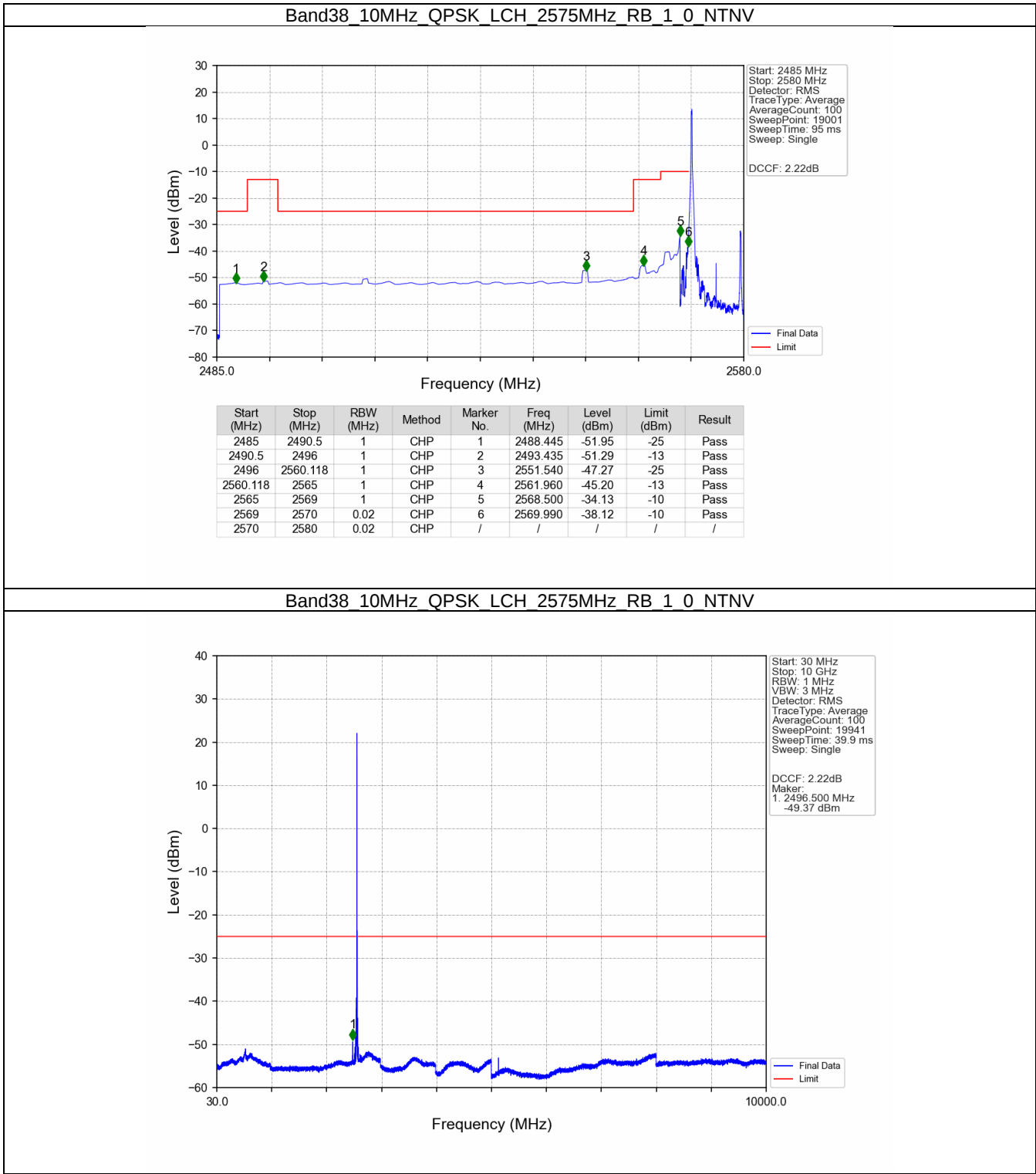
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-29.61	-10	Pass
2621	2625	1	CHP	2	2621.500	-36.56	-10	Pass
2625	2626	1	CHP	3	2625.005	-47.10	-13	Pass
2626	2630	1	CHP	4	2626.815	-47.97	-25	Pass

Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV

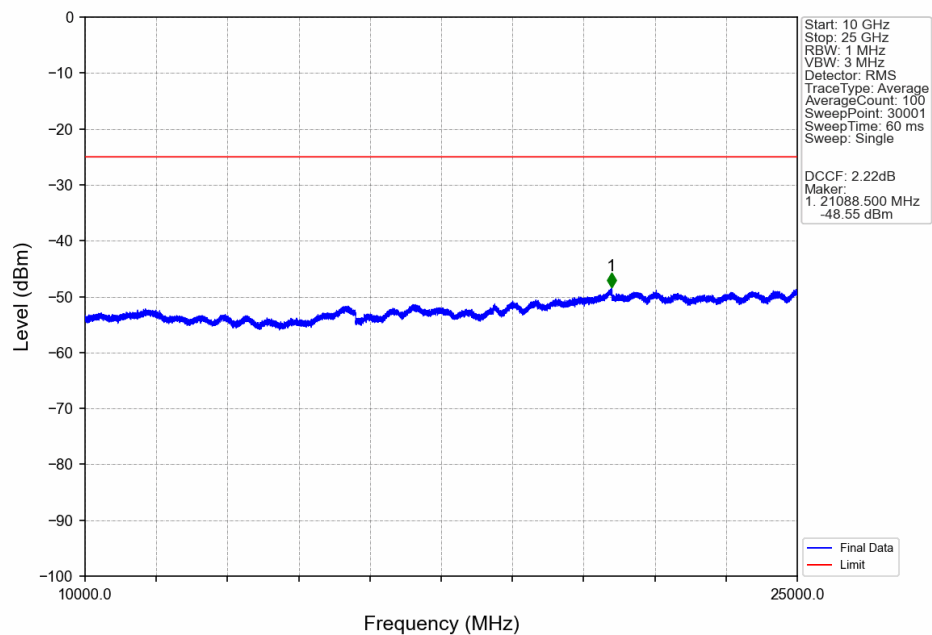


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.104	CHP	/	/	/	/	/
2620	2621	0.104	CHP	1	2620.010	-28.51	-10	Pass
2621	2625	1	CHP	2	2621.510	-24.65	-10	Pass
2625	2626	1	CHP	3	2625.995	-38.38	-13	Pass
2626	2630	1	CHP	4	2627.345	-38.18	-25	Pass

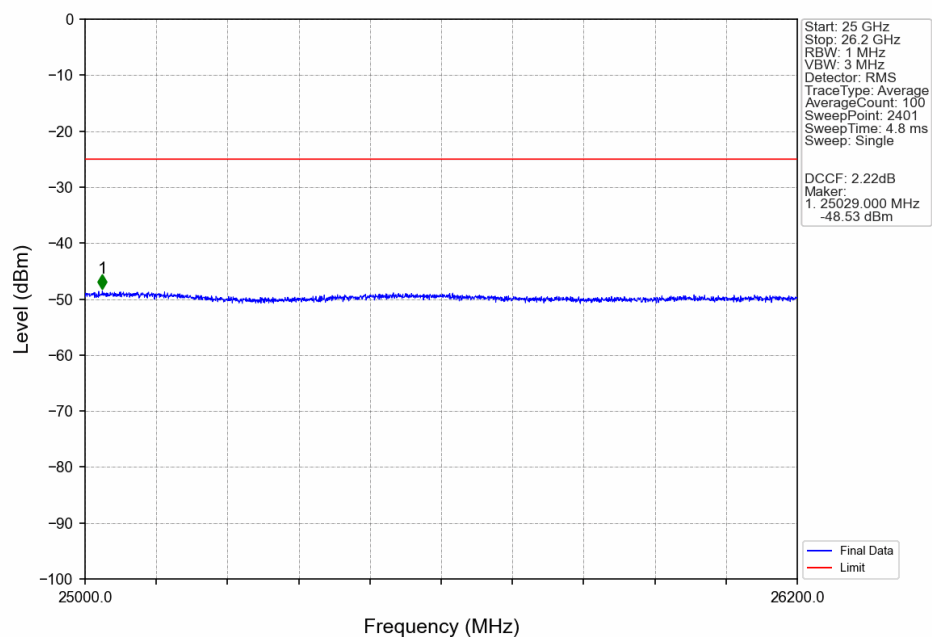
5.2.2 B38_10MHz



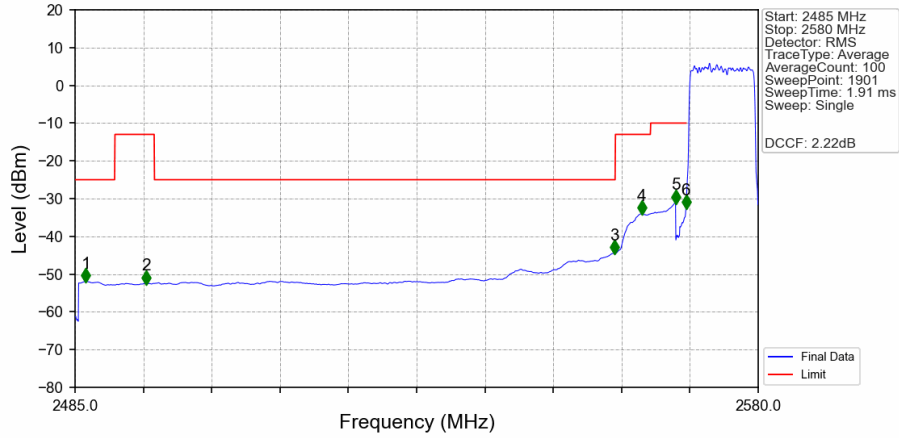
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

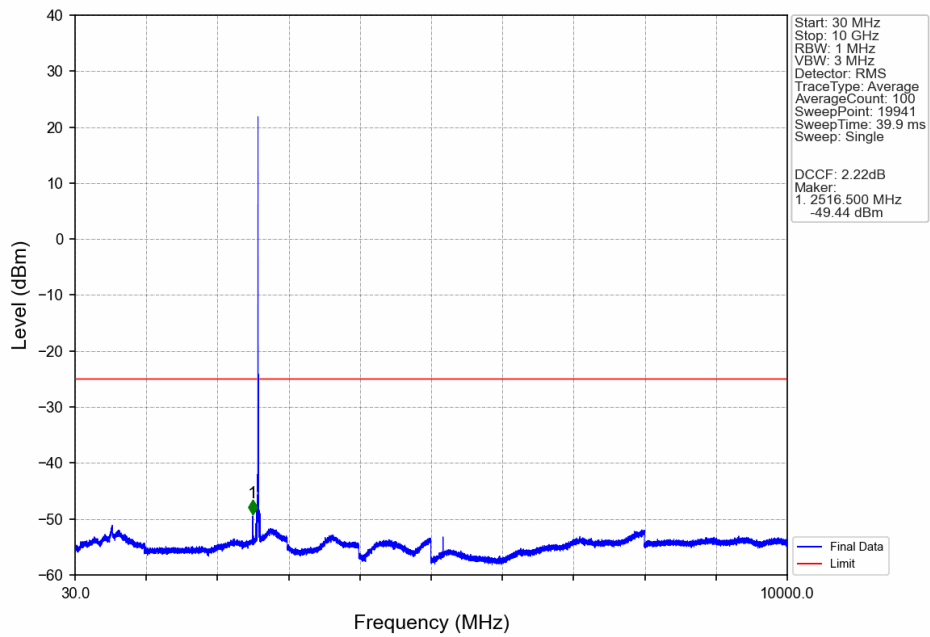


Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV

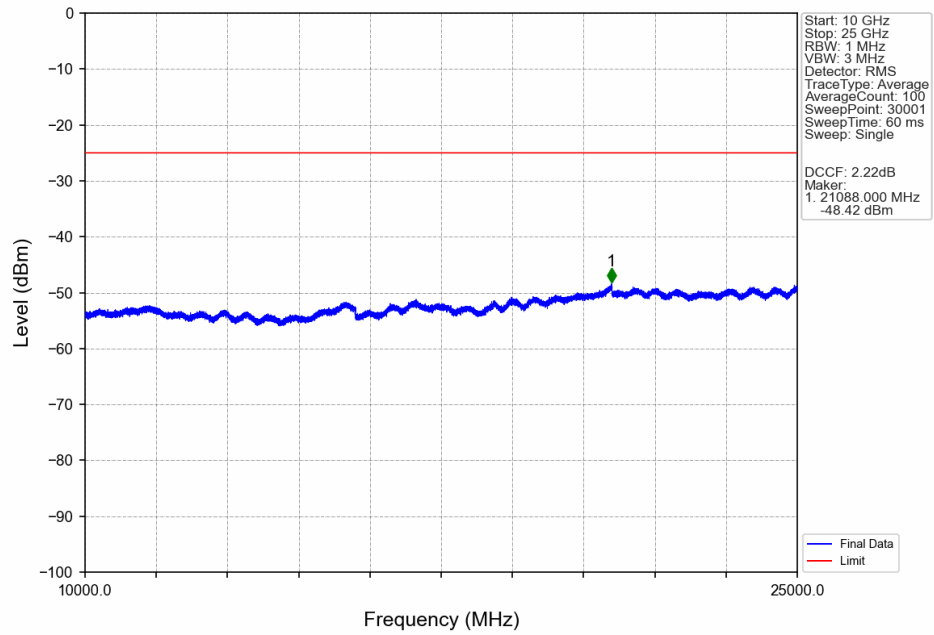


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.500	-51.97	-25	Pass
2490.5	2496	1	CHP	2	2494.850	-52.43	-13	Pass
2496	2560.118	1	CHP	3	2560.000	-44.44	-25	Pass
2560.118	2565	1	CHP	4	2563.800	-34.01	-13	Pass
2565	2569	1	CHP	5	2568.500	-31.07	-10	Pass
2569	2570	0.198	CHP	6	2569.950	-32.46	-10	Pass
2570	2580	0.198	CHP	/	/	/	/	/

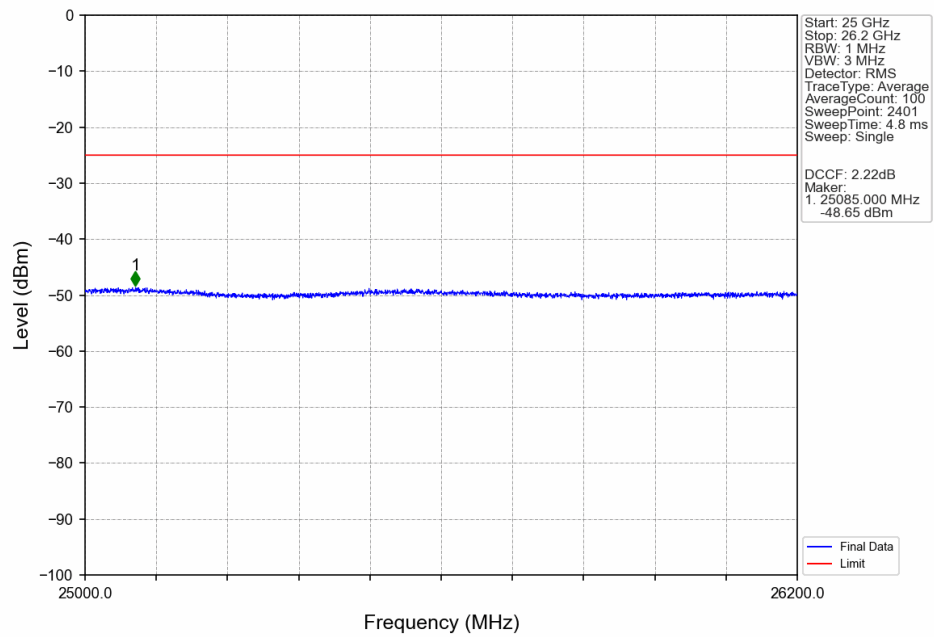
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



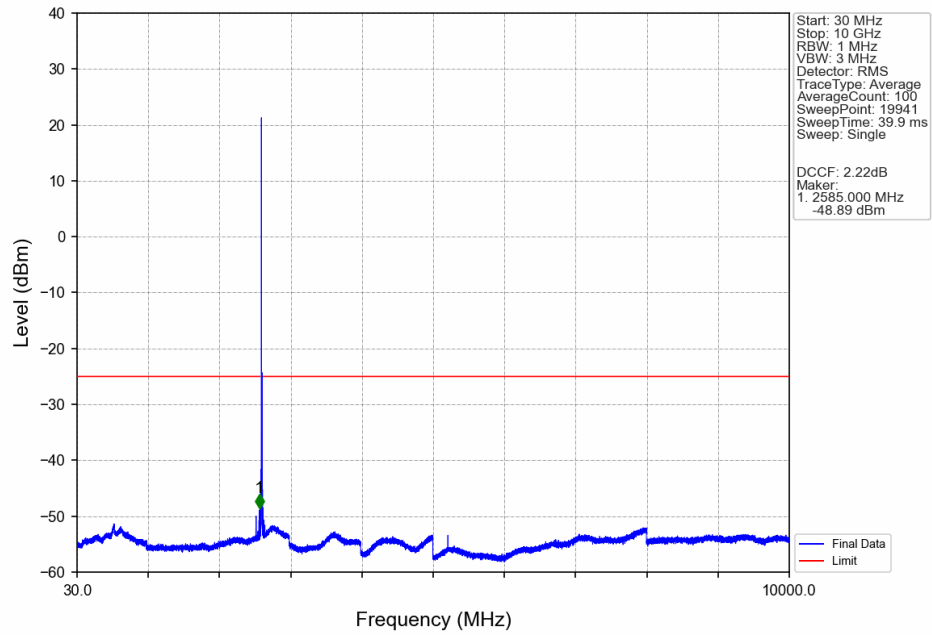
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



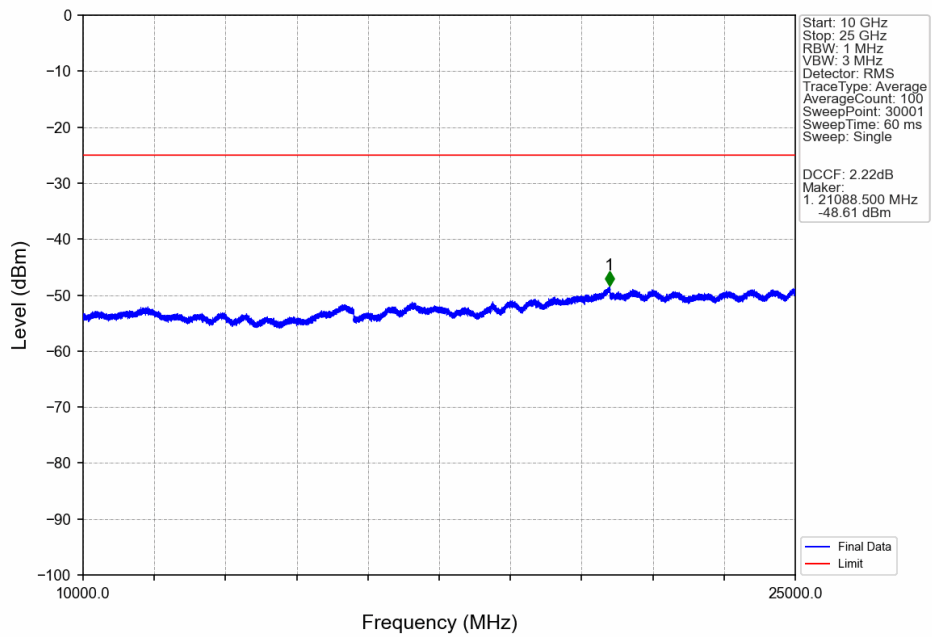
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



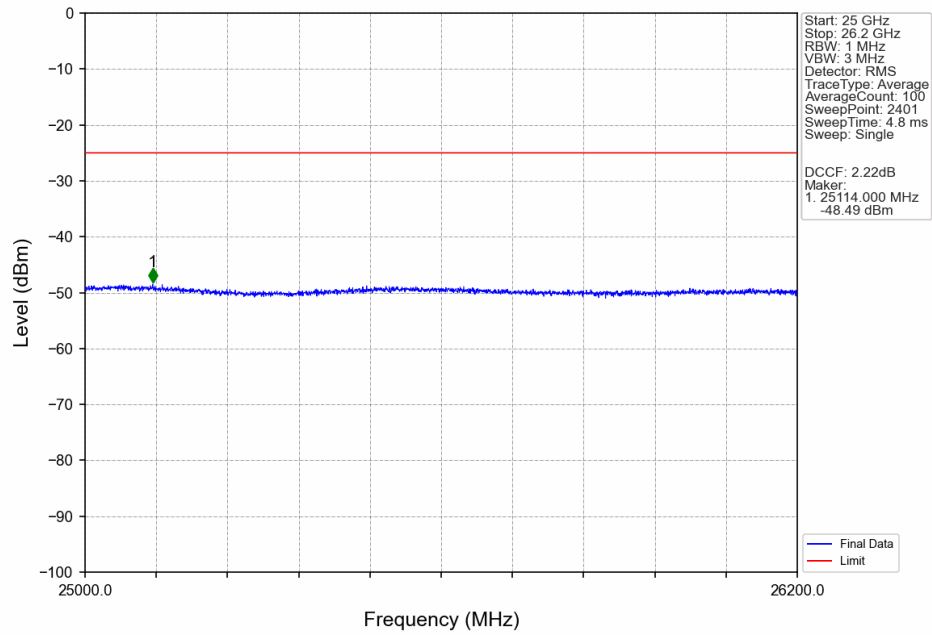
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



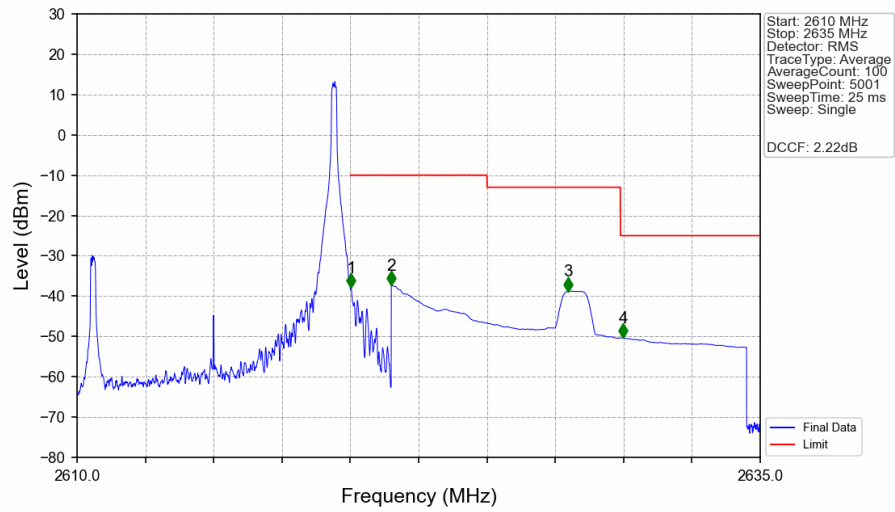
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV

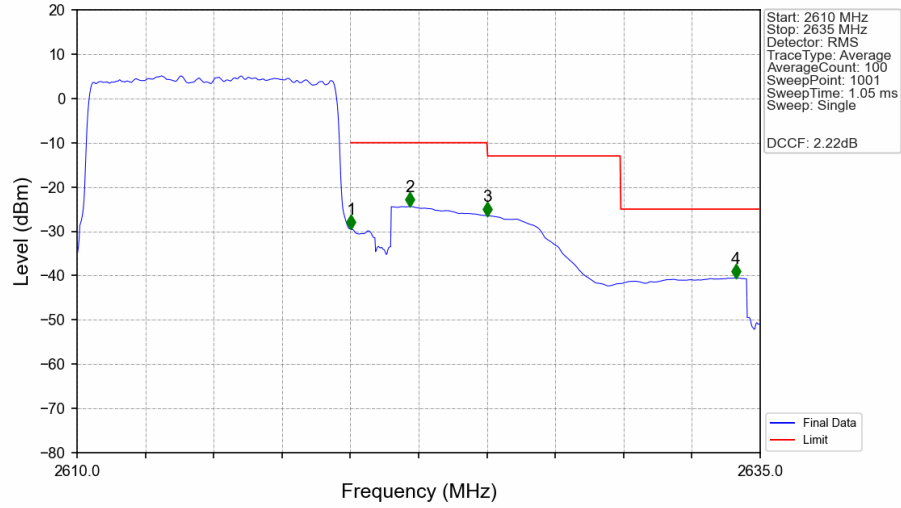


Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV



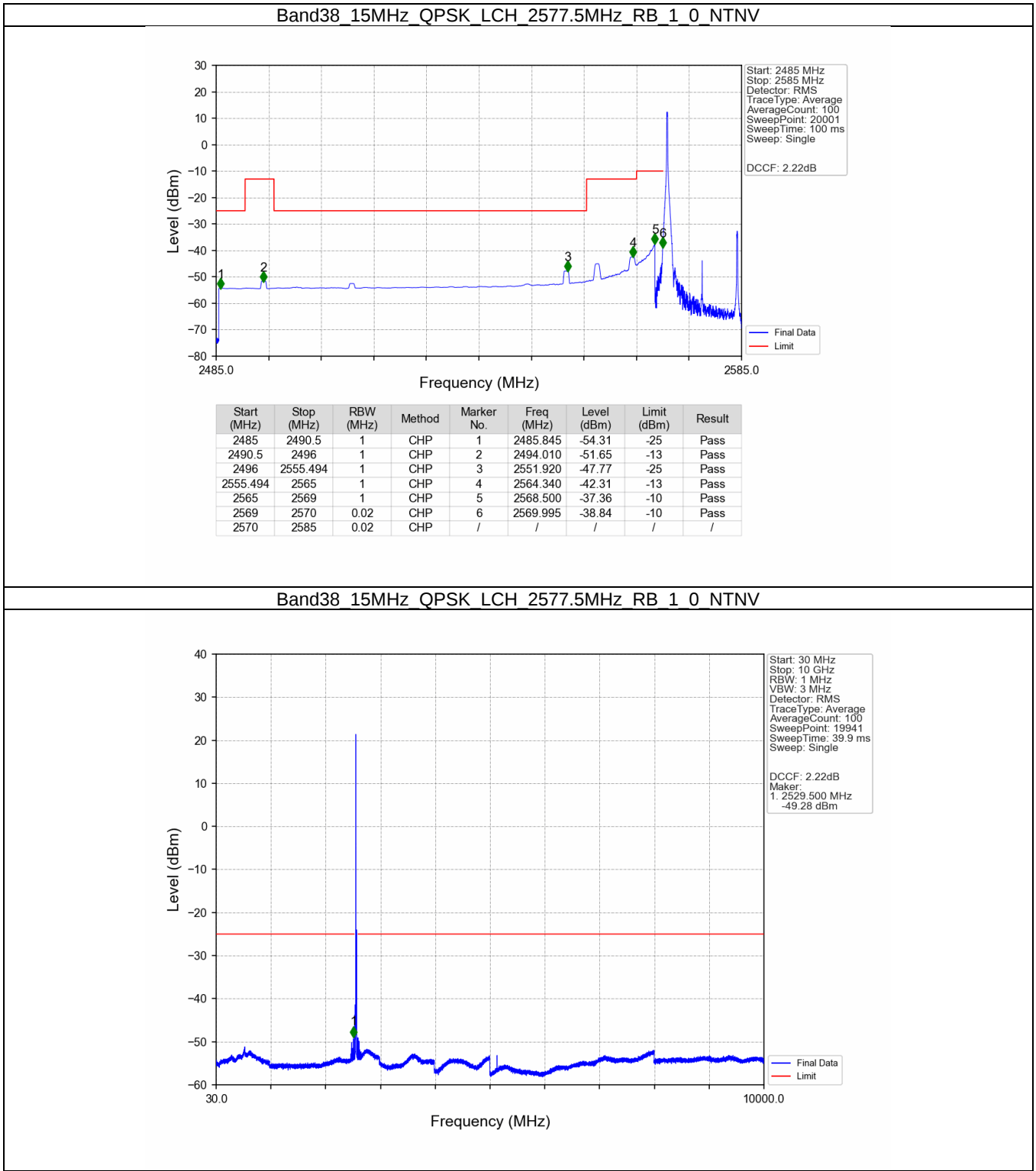
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.025	-37.82	-10	Pass
2621	2625	1	CHP	2	2621.500	-37.26	-10	Pass
2625	2629.882	1	CHP	3	2627.980	-38.77	-13	Pass
2629.882	2635	1	CHP	4	2629.985	-50.37	-25	Pass

Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV

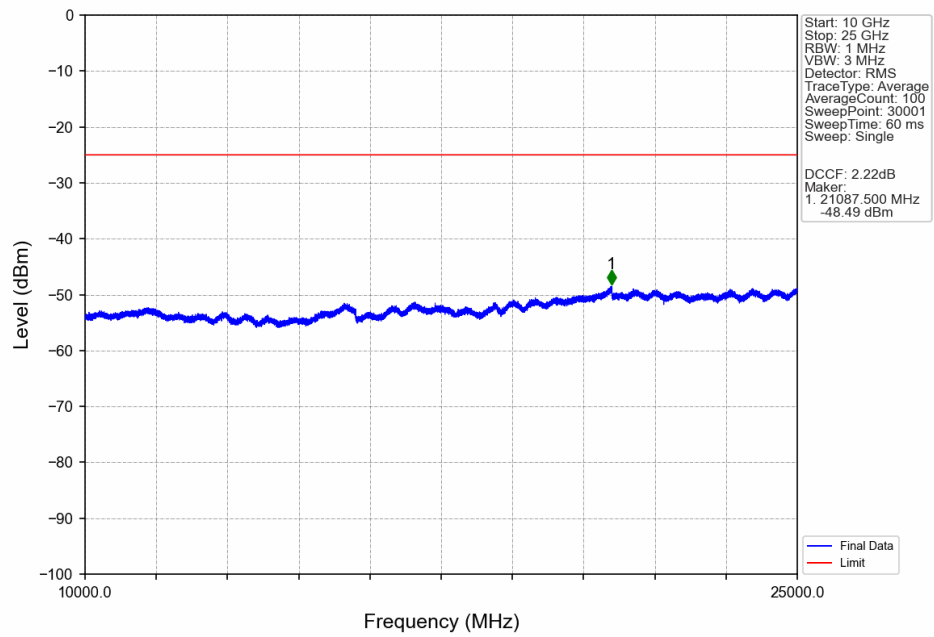


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.198	CHP	/	/	/	/	/
2620	2621	0.198	CHP	1	2620.025	-29.44	-10	Pass
2621	2625	1	CHP	2	2622.175	-24.39	-10	Pass
2625	2629.882	1	CHP	3	2625.025	-26.50	-13	Pass
2629.882	2635	1	CHP	4	2634.100	-40.54	-25	Pass

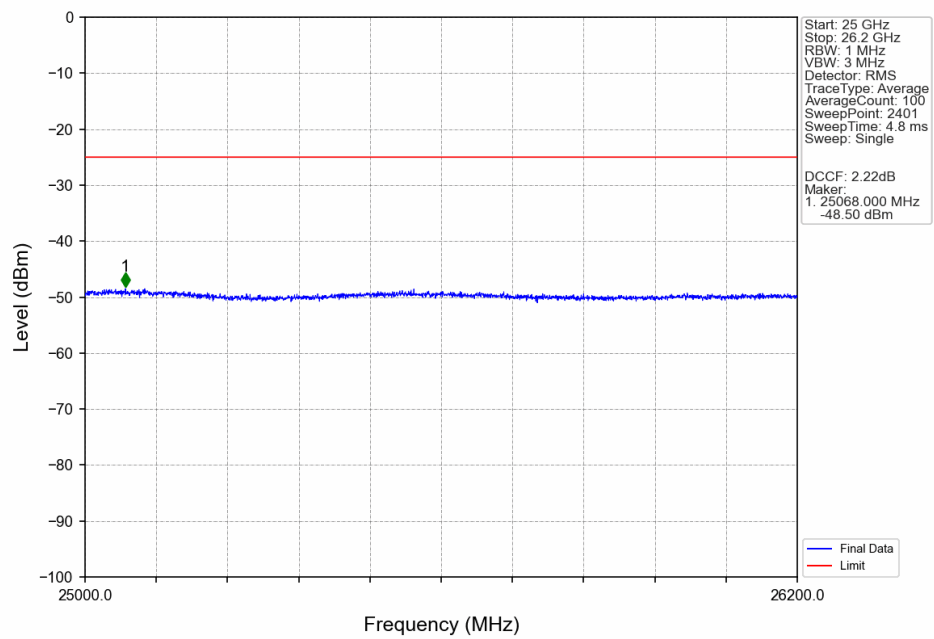
5.2.3 B38_15MHz



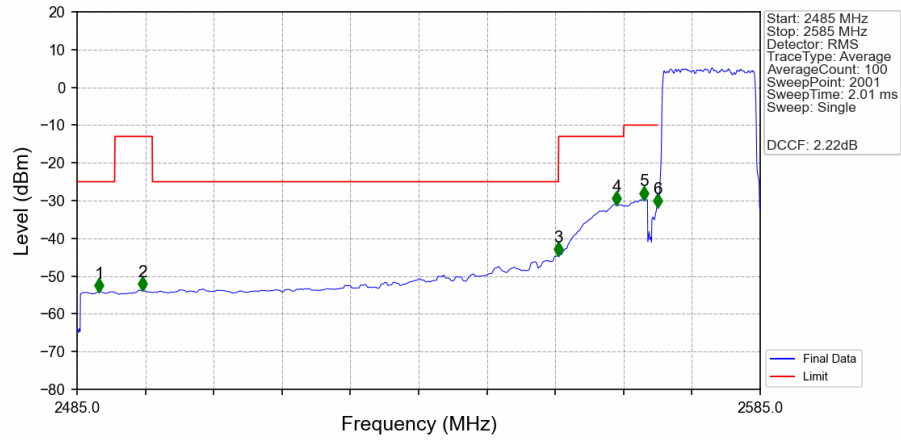
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

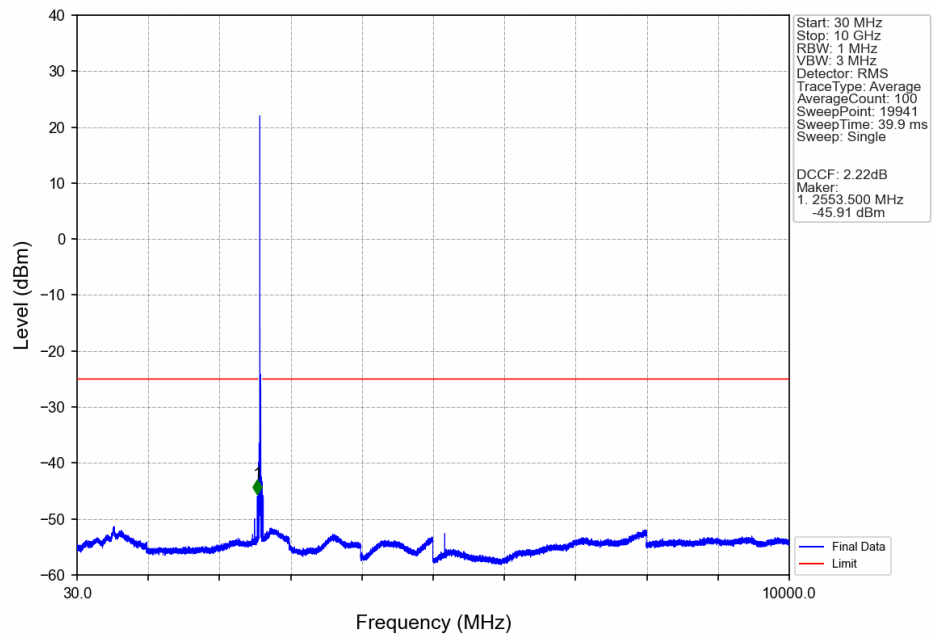


Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV

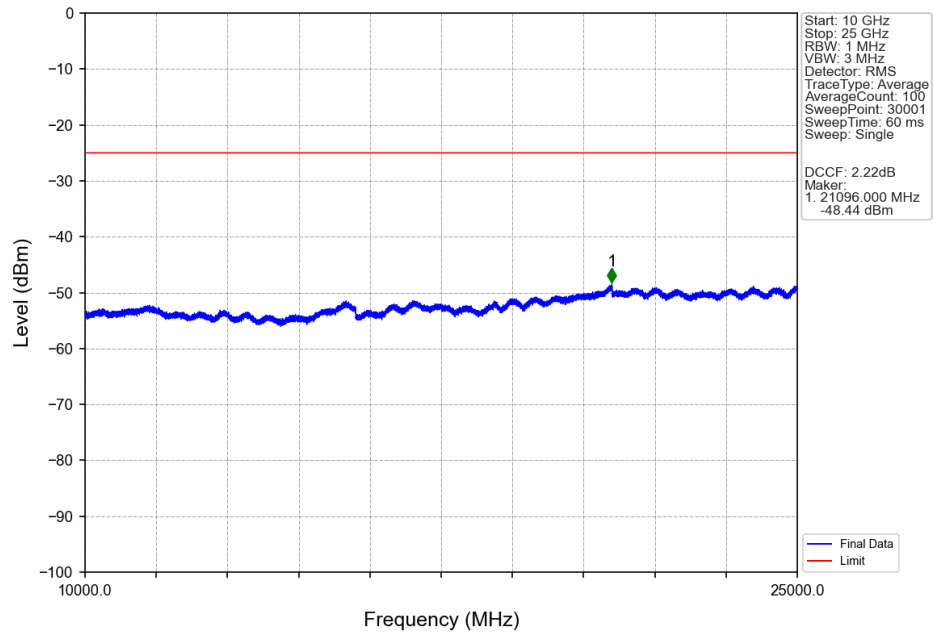


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.250	-54.03	-25	Pass
2490.5	2496	1	CHP	2	2494.550	-53.64	-13	Pass
2496	2555.494	1	CHP	3	2555.450	-44.43	-25	Pass
2555.494	2565	1	CHP	4	2564.000	-30.93	-13	Pass
2565	2569	1	CHP	5	2567.950	-29.58	-10	Pass
2569	2570	0.29	CHP	6	2569.950	-31.56	-10	Pass
2570	2585	0.29	CHP	/	/	/	/	/

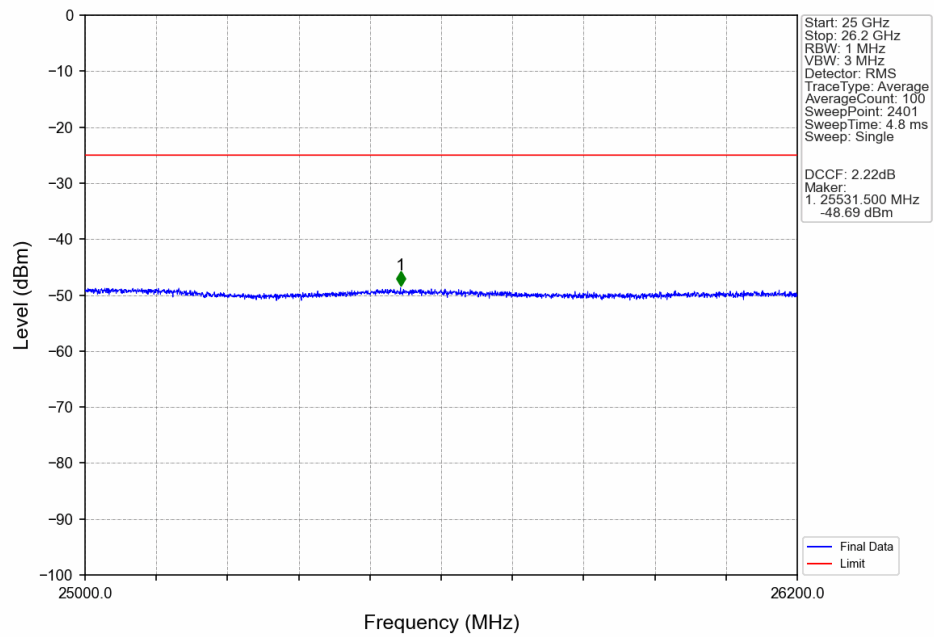
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



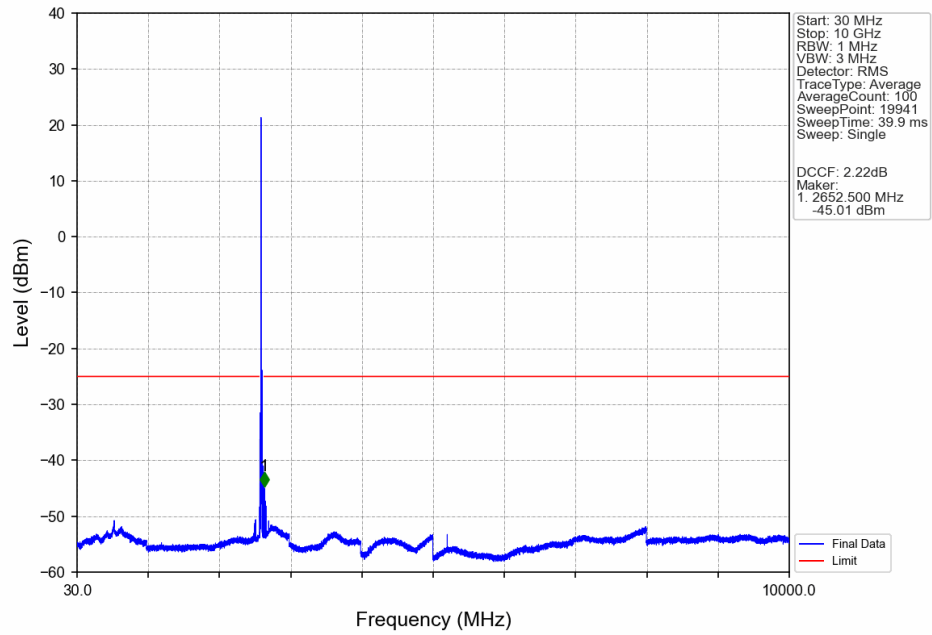
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



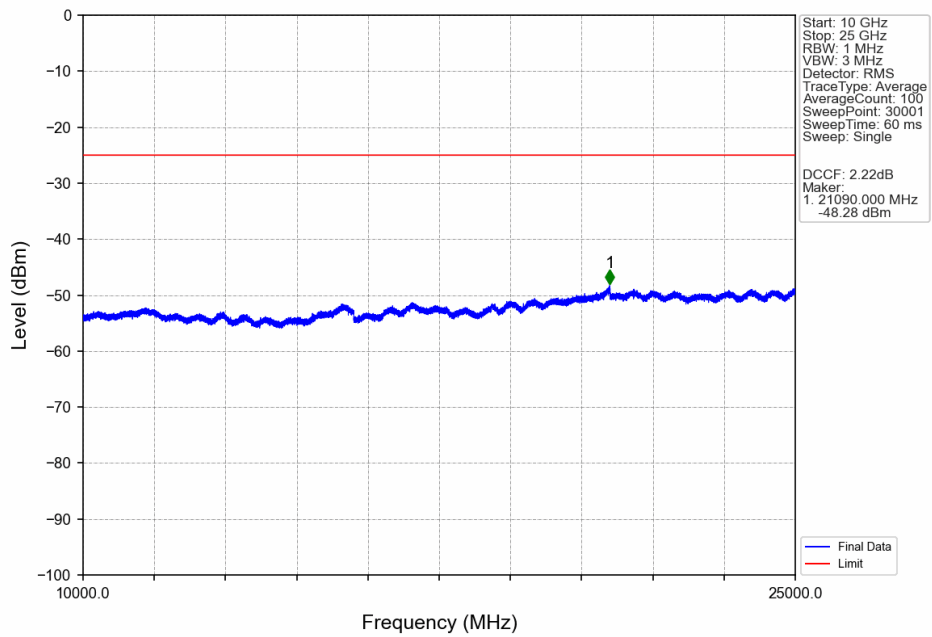
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



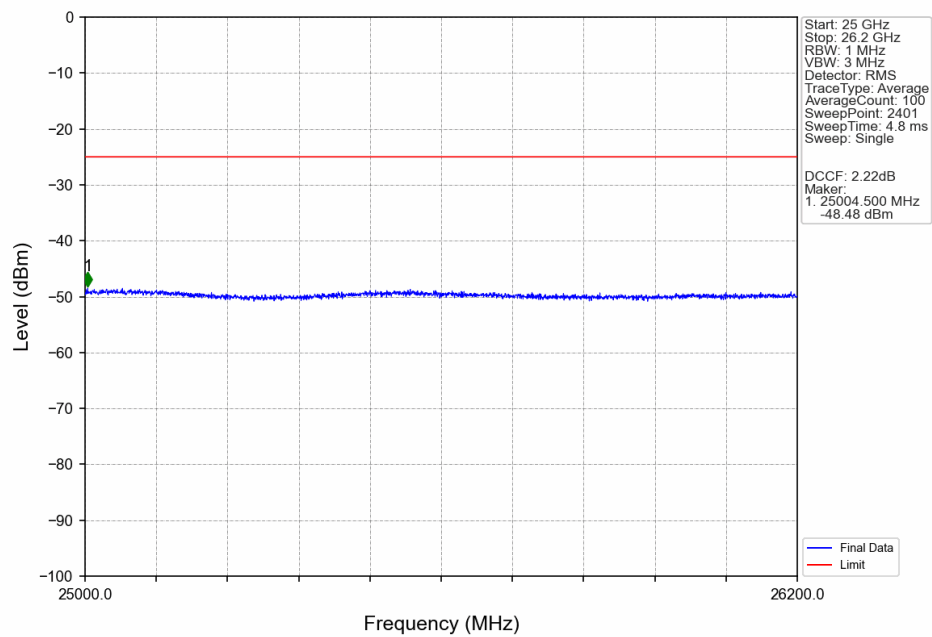
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



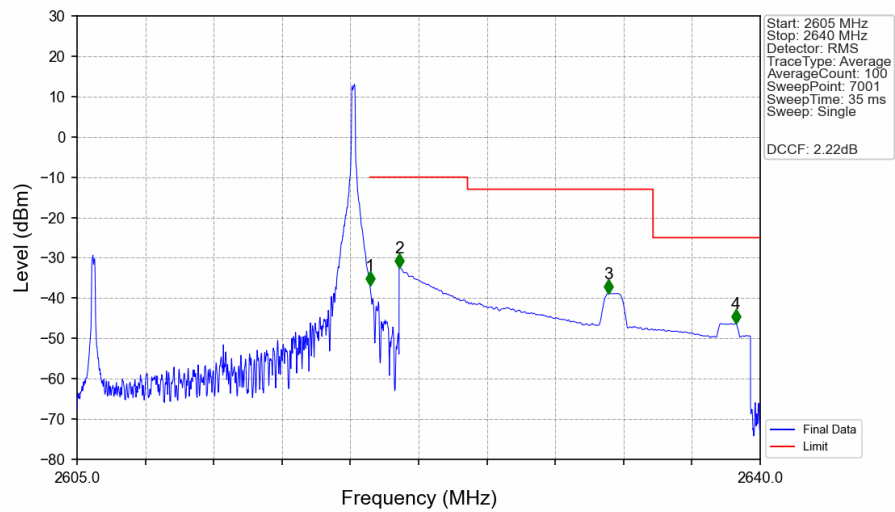
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV

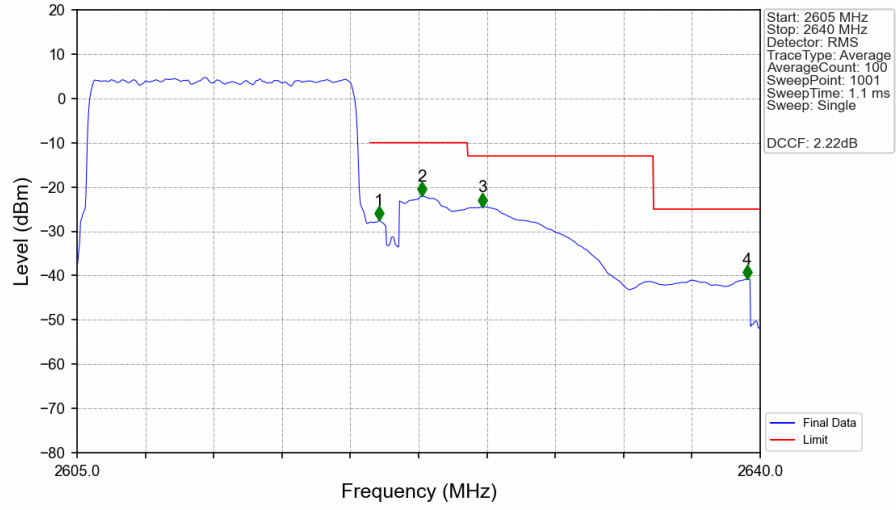


Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_74_NTNV



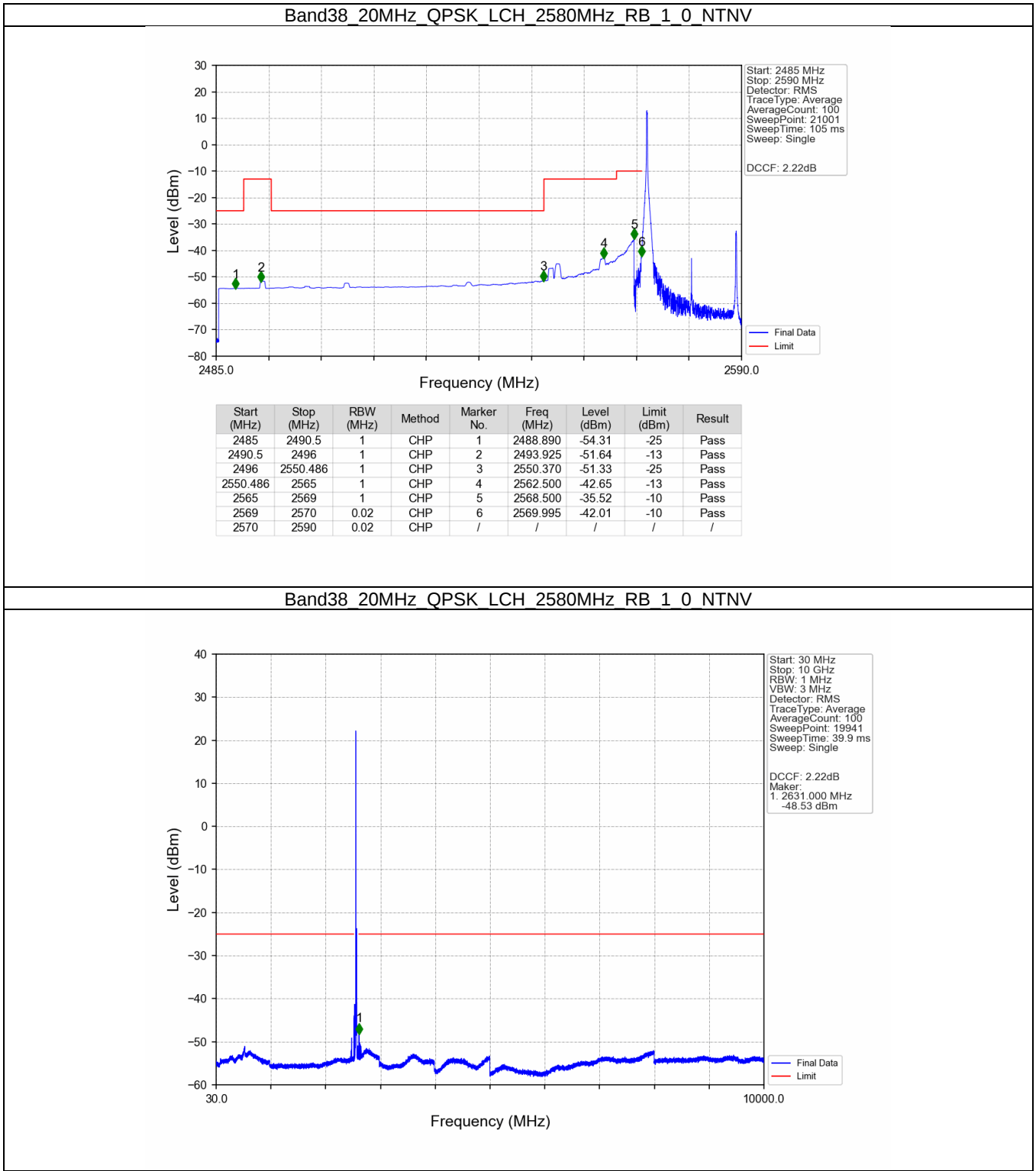
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-36.88	-10	Pass
2621	2625	1	CHP	2	2621.525	-32.50	-10	Pass
2625	2634.506	1	CHP	3	2632.235	-38.81	-13	Pass
2634.506	2640	1	CHP	4	2638.750	-46.27	-25	Pass

Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV

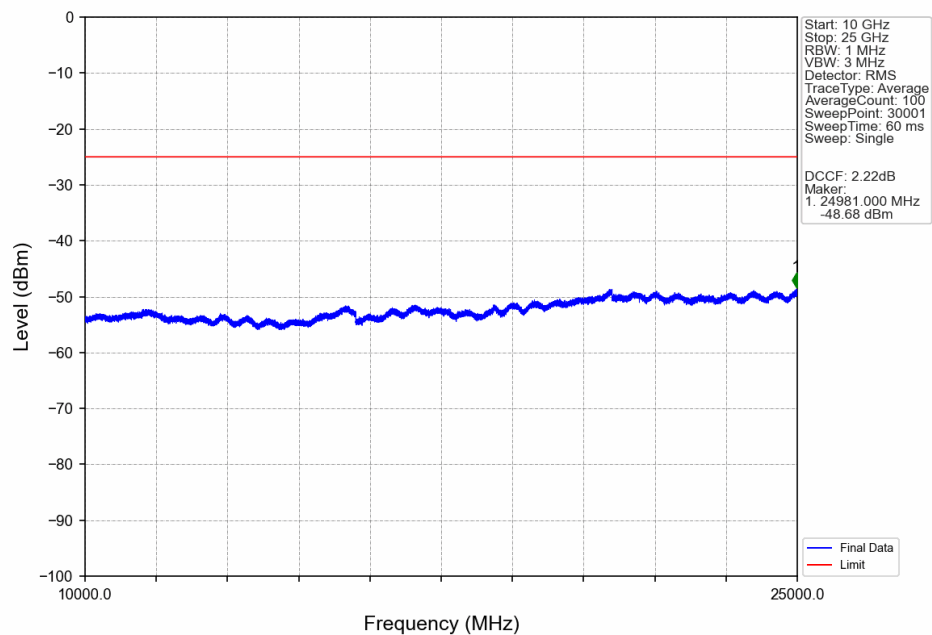


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.29	CHP	/	/	/	/	/
2620	2621	0.29	CHP	1	2620.470	-27.57	-10	Pass
2621	2625	1	CHP	2	2622.675	-22.06	-10	Pass
2625	2634.506	1	CHP	3	2625.755	-24.48	-13	Pass
2634.506	2640	1	CHP	4	2639.335	-40.82	-25	Pass

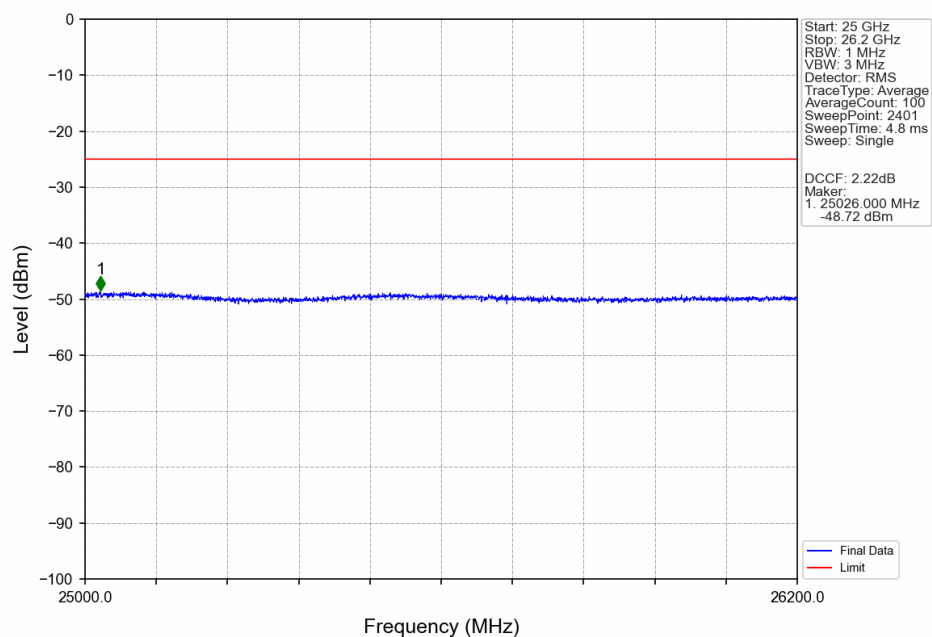
5.2.4 B38_20MHz



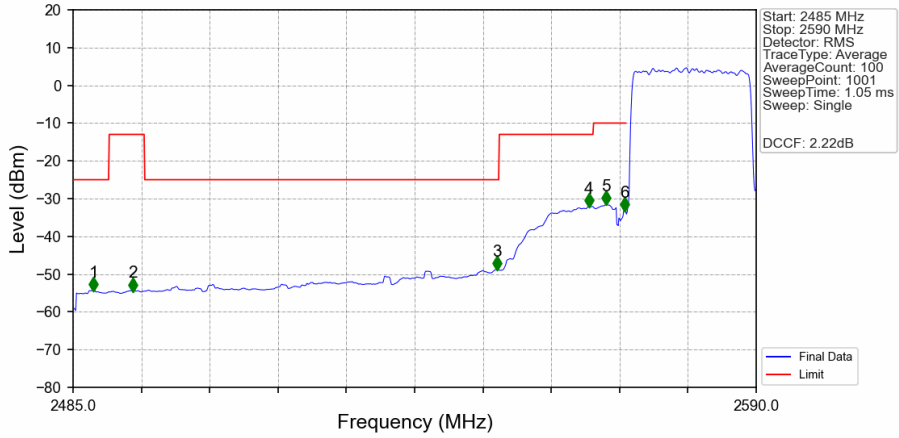
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

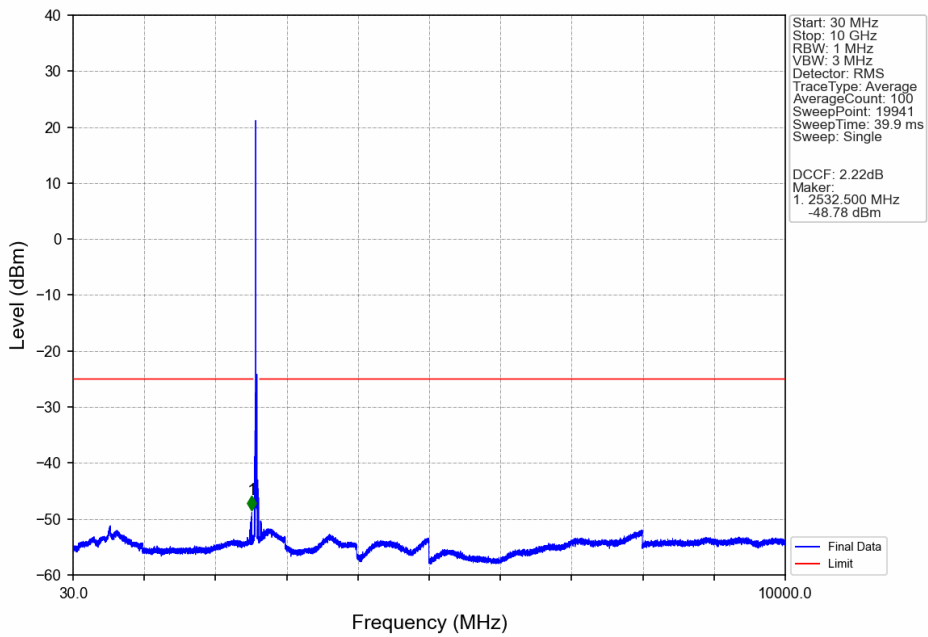


Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV

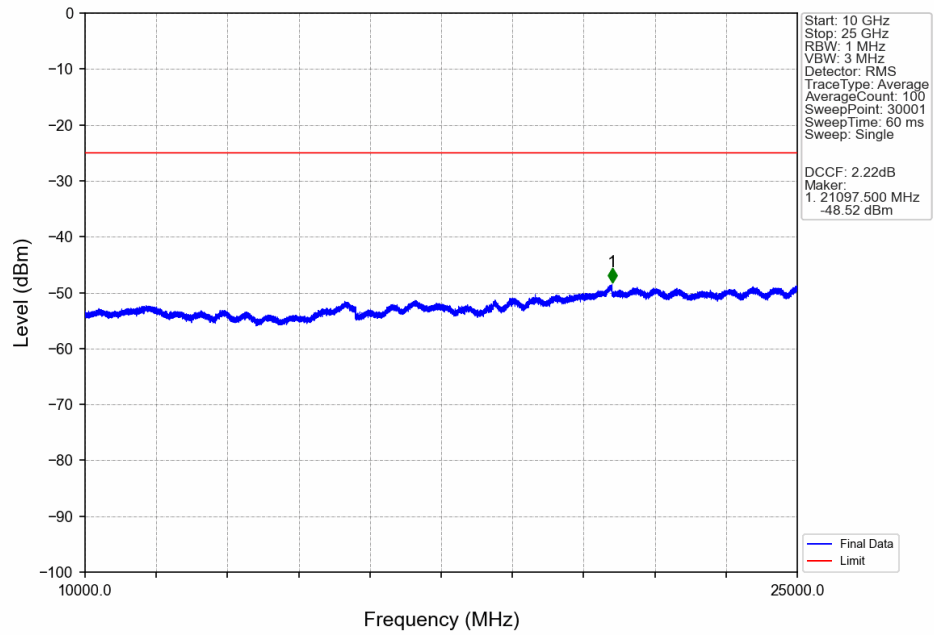


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.150	-54.21	-25	Pass
2490.5	2496	1	CHP	2	2494.240	-54.34	-13	Pass
2496	2550.486	1	CHP	3	2550.205	-48.76	-25	Pass
2550.486	2565	1	CHP	4	2564.275	-31.97	-13	Pass
2565	2569	1	CHP	5	2566.900	-31.45	-10	Pass
2569	2570	0.39	CHP	6	2569.735	-33.04	-10	Pass
2570	2590	0.39	CHP	/	/	/	/	/

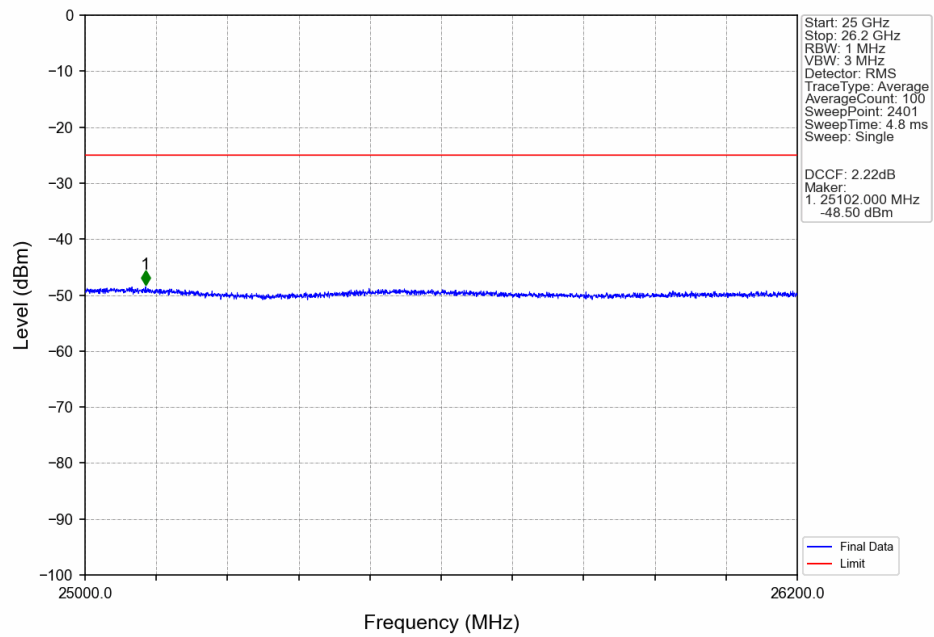
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



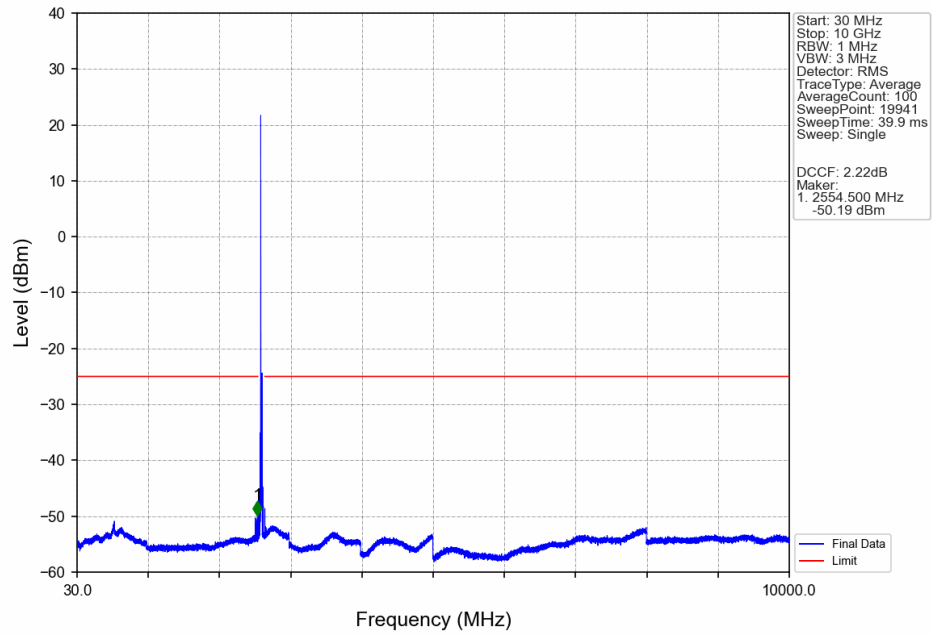
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



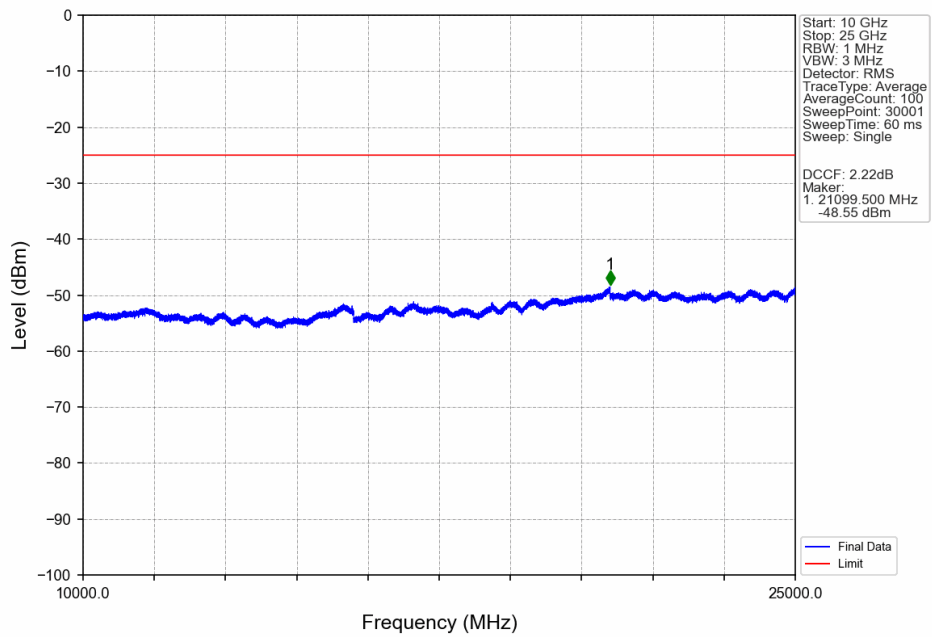
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



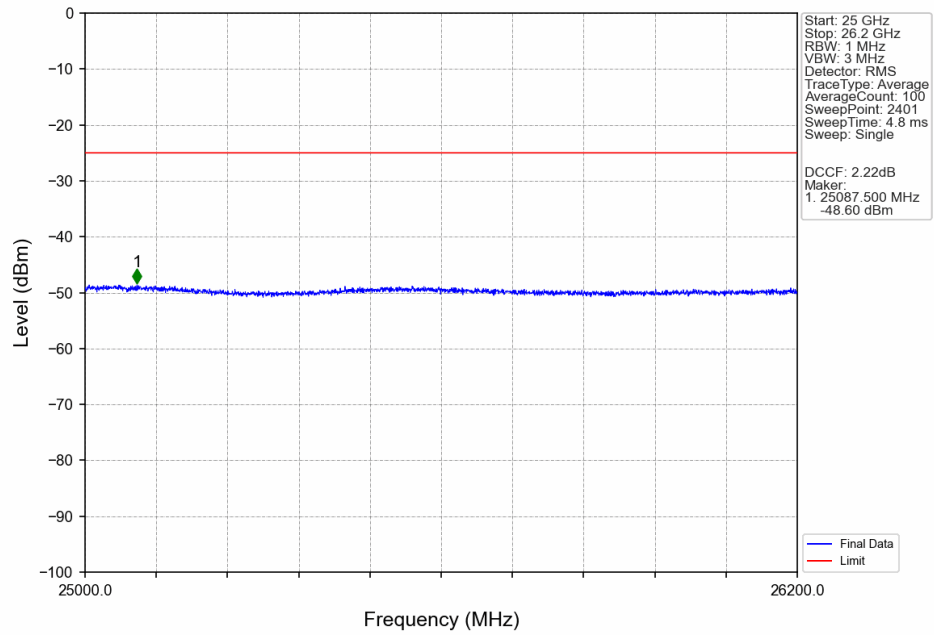
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



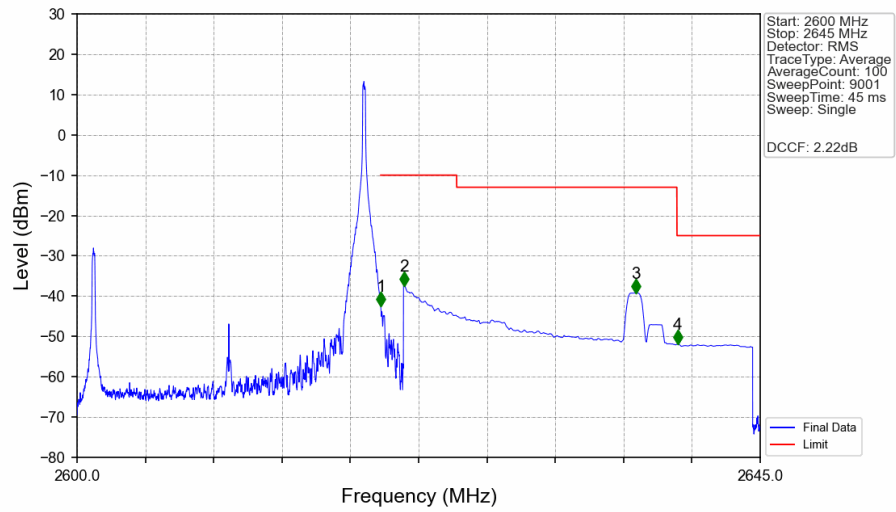
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV

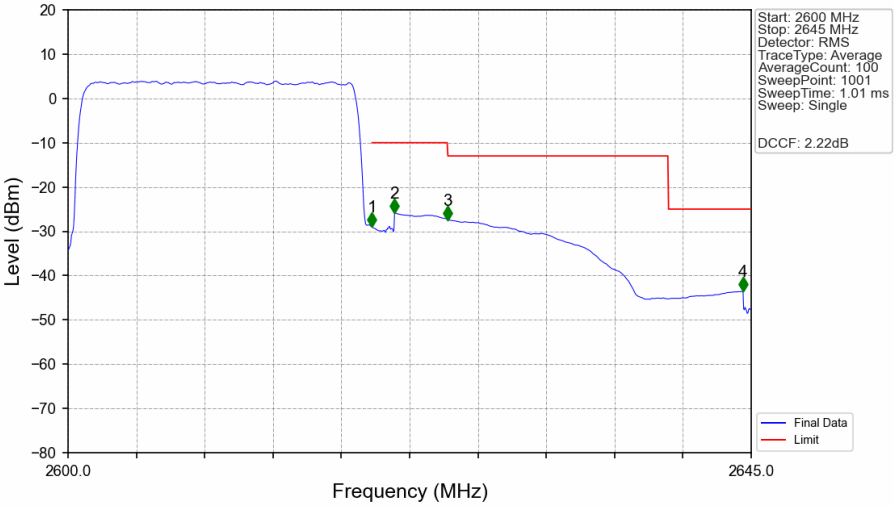


Band38_20MHz_QPSK_HCH_2610MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2600	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-42.52	-10	Pass
2621	2625	1	CHP	2	2621.535	-37.47	-10	Pass
2625	2639.514	1	CHP	3	2636.810	-39.24	-13	Pass
2639.514	2645	1	CHP	4	2639.550	-51.90	-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	0.39	CHP	/	/	/	/	/
2620	2621	0.39	CHP	1	2620.025	-29.00	-10	Pass
2621	2625	1	CHP	2	2621.510	-25.86	-10	Pass
2625	2639.514	1	CHP	3	2625.020	-27.40	-13	Pass
2639.514	2645	1	CHP	4	2644.460	-43.57	-25	Pass

6. Field Strength of Spurious Radiation

1.1. Test Band = LTE Band 38_ TM1

1.1.1. Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5142	57.98	-47.85	31.60	-53.53	-25.00	28.53	Horizontal
2	7713	54.83	-45.17	36.36	-49.24	-25.00	24.24	Horizontal
3	10284.5	52.72	-41.30	39.00	-44.84	-25.00	19.84	Horizontal
4	12855.5	46.83	-39.37	38.89	-48.92	-25.00	23.92	Horizontal
5	14798	42.43	-36.85	40.22	-49.46	-25.00	24.46	Horizontal
6	17940.5	43.64	-36.50	44.44	-43.68	-25.00	18.68	Horizontal

1.2. Test Band = LTE Band 38_ TM1

1.2.1. Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5142	53.86	-47.85	31.60	-57.65	-25.00	32.65	Vertical
2	7713.5	51.81	-45.17	36.36	-52.26	-25.00	27.26	Vertical
3	10284	49.53	-41.31	39.00	-48.04	-25.00	23.04	Vertical
4	12855.5	45.95	-39.37	38.89	-49.80	-25.00	24.80	Vertical
5	15402.5	44.06	-37.24	39.48	-48.97	-25.00	23.97	Vertical
6	17958	43.17	-36.53	44.55	-44.07	-25.00	19.07	Vertical

1.3. Test Band = LTE Band 38_ TM1

1.3.1. Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5172.5	58.55	-47.87	31.68	-52.90	-25.00	27.90	Horizontal
2	7758	55.09	-45.04	36.35	-48.86	-25.00	23.86	Horizontal
3	10344	51.67	-41.19	39.04	-45.74	-25.00	20.74	Horizontal
4	12832.5	50.85	-39.34	38.90	-44.85	-25.00	19.85	Horizontal
5	14711.5	50.96	-36.70	40.23	-40.77	-25.00	15.77	Horizontal
6	17279.5	53.43	-37.28	40.48	-38.64	-25.00	13.64	Horizontal

1.4. Test Band = LTE Band 38_ TM1

1.4.1. Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4061	49.27	-48.11	29.40	-64.70	-25.00	39.70	Vertical
2	5172	57.23	-47.87	31.68	-54.22	-25.00	29.22	Vertical
3	7758	55.65	-45.04	36.35	-48.30	-25.00	23.30	Vertical
4	10344.5	51.82	-41.19	39.04	-45.59	-25.00	20.59	Vertical
5	13698.5	50.80	-37.99	39.85	-42.60	-25.00	17.60	Vertical
6	16563.5	54.28	-37.41	38.63	-39.76	-25.00	14.76	Vertical

1.5. Test Band = LTE Band 38_ TM1

1.5.1. Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3648	51.51	-48.39	28.74	-63.40	-25.00	38.40	Horizontal
2	5202	59.22	-47.89	31.77	-52.16	-25.00	27.16	Horizontal
3	7803	54.18	-44.93	36.34	-49.67	-25.00	24.67	Horizontal
4	10404	52.15	-41.22	39.08	-45.24	-25.00	20.24	Horizontal
5	13691	51.17	-38.07	39.84	-42.32	-25.00	17.32	Horizontal
6	17362.5	53.06	-37.32	40.98	-38.54	-25.00	13.54	Horizontal

1.6. Test Band = LTE Band 38_ TM1

1.6.1. Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5202	56.08	-47.89	31.77	-55.30	-25.00	30.30	Vertical
2	7102	51.40	-45.84	35.68	-54.01	-25.00	29.01	Vertical
3	7803.5	54.88	-44.93	36.34	-48.97	-25.00	23.97	Vertical
4	9903	49.09	-42.10	38.66	-49.60	-25.00	24.60	Vertical
5	11951	50.18	-39.70	39.40	-45.37	-25.00	20.37	Vertical
6	15193.5	51.88	-36.76	39.85	-40.29	-25.00	15.29	Vertical