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	24.25	-2.07	22.18	<=33.01	Pass
			13	24.33	-2.07	22.26	<=33.01	Pass
			24	24.04	-2.07	21.97	<=33.01	Pass
		12	0	23.12	-2.07	21.05	<=33.01	Pass
			6	23.27	-2.07	21.20	<=33.01	Pass
			13	23.22	-2.07	21.15	<=33.01	Pass
		25	0	23.22	-2.07	21.15	<=33.01	Pass
	2595	1	0	24.29	-2.07	22.22	<=33.01	Pass
			13	24.22	-2.07	22.15	<=33.01	Pass
			24	24.33	-2.07	22.26	<=33.01	Pass
		12	0	23.27	-2.07	21.20	<=33.01	Pass
			6	23.22	-2.07	21.15	<=33.01	Pass
			13	23.18	-2.07	21.11	<=33.01	Pass
		25	0	23.19	-2.07	21.12	<=33.01	Pass
	2617.5	1	0	24.28	-2.07	22.21	<=33.01	Pass
			13	24.46	-2.07	22.39	<=33.01	Pass
			24	24.30	-2.07	22.23	<=33.01	Pass
		12	0	23.30	-2.07	21.23	<=33.01	Pass
			6	23.34	-2.07	21.27	<=33.01	Pass
			13	23.30	-2.07	21.23	<=33.01	Pass
		25	0	23.42	-2.07	21.35	<=33.01	Pass
16QAM	2572.5	1	0	23.33	-2.07	21.26	<=33.01	Pass
			13	23.40	-2.07	21.33	<=33.01	Pass
			24	23.21	-2.07	21.14	<=33.01	Pass
		12	0	22.18	-2.07	20.11	<=33.01	Pass
			6	22.22	-2.07	20.15	<=33.01	Pass
			13	22.07	-2.07	20.00	<=33.01	Pass
		25	0	22.16	-2.07	20.09	<=33.01	Pass
	2595	1	0	23.26	-2.07	21.19	<=33.01	Pass
			13	23.36	-2.07	21.29	<=33.01	Pass
			24	23.27	-2.07	21.20	<=33.01	Pass
		12	0	22.25	-2.07	20.18	<=33.01	Pass
			6	22.14	-2.07	20.07	<=33.01	Pass
			13	22.28	-2.07	20.21	<=33.01	Pass
		25	0	22.20	-2.07	20.13	<=33.01	Pass
	2617.5	1	0	23.44	-2.07	21.37	<=33.01	Pass
			13	23.44	-2.07	21.37	<=33.01	Pass
			24	23.13	-2.07	21.06	<=33.01	Pass
		12	0	22.27	-2.07	20.20	<=33.01	Pass
			6	22.25	-2.07	20.18	<=33.01	Pass
			13	22.22	-2.07	20.15	<=33.01	Pass
		25	0	22.31	-2.07	20.24	<=33.01	Pass
64QAM	2572.5	1	0	22.25	-2.07	20.18	<=33.01	Pass
			13	22.35	-2.07	20.28	<=33.01	Pass
			24	22.23	-2.07	20.16	<=33.01	Pass
		12	0	21.21	-2.07	19.14	<=33.01	Pass
			6	21.27	-2.07	19.20	<=33.01	Pass
			13	21.13	-2.07	19.06	<=33.01	Pass
		25	0	21.15	-2.07	19.08	<=33.01	Pass

	2595	1	0	22.50	-2.07	20.43	<=33.01	Pass
			13	21.97	-2.07	19.90	<=33.01	Pass
			24	21.94	-2.07	19.87	<=33.01	Pass
		12	0	21.34	-2.07	19.27	<=33.01	Pass
			6	21.39	-2.07	19.32	<=33.01	Pass
			13	21.19	-2.07	19.12	<=33.01	Pass
		25	0	21.32	-2.07	19.25	<=33.01	Pass
	2617.5	1	0	22.12	-2.07	20.05	<=33.01	Pass
			13	22.21	-2.07	20.14	<=33.01	Pass
			24	22.19	-2.07	20.12	<=33.01	Pass
		12	0	21.29	-2.07	19.22	<=33.01	Pass
			6	21.43	-2.07	19.36	<=33.01	Pass
			13	21.21	-2.07	19.14	<=33.01	Pass
		25	0	21.33	-2.07	19.26	<=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	24.17	-2.07	22.10	<=33.01	Pass
			25	24.29	-2.07	22.22	<=33.01	Pass
			49	24.10	-2.07	22.03	<=33.01	Pass
		25	0	23.15	-2.07	21.08	<=33.01	Pass
			13	23.28	-2.07	21.21	<=33.01	Pass
			25	23.24	-2.07	21.17	<=33.01	Pass
		50	0	23.25	-2.07	21.18	<=33.01	Pass
	2595	1	0	24.19	-2.07	22.12	<=33.01	Pass
			25	24.23	-2.07	22.16	<=33.01	Pass
			49	24.35	-2.07	22.28	<=33.01	Pass
		25	0	23.17	-2.07	21.10	<=33.01	Pass
			13	23.24	-2.07	21.17	<=33.01	Pass
			25	23.18	-2.07	21.11	<=33.01	Pass
		50	0	23.23	-2.07	21.16	<=33.01	Pass
	2615	1	0	24.37	-2.07	22.30	<=33.01	Pass
			25	24.47	-2.07	22.40	<=33.01	Pass
			49	24.38	-2.07	22.31	<=33.01	Pass
		25	0	23.39	-2.07	21.32	<=33.01	Pass
			13	23.31	-2.07	21.24	<=33.01	Pass
			25	23.39	-2.07	21.32	<=33.01	Pass
		50	0	23.31	-2.07	21.24	<=33.01	Pass
16QAM	2575	1	0	23.22	-2.07	21.15	<=33.01	Pass
			25	23.31	-2.07	21.24	<=33.01	Pass
			49	23.00	-2.07	20.93	<=33.01	Pass
		25	0	22.21	-2.07	20.14	<=33.01	Pass
			13	22.26	-2.07	20.19	<=33.01	Pass
			25	22.19	-2.07	20.12	<=33.01	Pass
		50	0	22.26	-2.07	20.19	<=33.01	Pass
	2595	1	0	23.08	-2.07	21.01	<=33.01	Pass
			25	23.14	-2.07	21.07	<=33.01	Pass
			49	23.12	-2.07	21.05	<=33.01	Pass
		25	0	22.21	-2.07	20.14	<=33.01	Pass
			13	22.37	-2.07	20.30	<=33.01	Pass
			25	22.23	-2.07	20.16	<=33.01	Pass
		50	0	22.31	-2.07	20.24	<=33.01	Pass
	2615	1	0	23.19	-2.07	21.12	<=33.01	Pass

			25	23.03	-2.07	20.96	<=33.01	Pass
			49	23.19	-2.07	21.12	<=33.01	Pass
		25	0	22.25	-2.07	20.18	<=33.01	Pass
			13	22.43	-2.07	20.36	<=33.01	Pass
			25	22.38	-2.07	20.31	<=33.01	Pass
		50	0	22.39	-2.07	20.32	<=33.01	Pass
64QAM	2575	1	0	22.27	-2.07	20.20	<=33.01	Pass
			25	22.32	-2.07	20.25	<=33.01	Pass
			49	21.78	-2.07	19.71	<=33.01	Pass
		25	0	21.22	-2.07	19.15	<=33.01	Pass
			13	21.27	-2.07	19.20	<=33.01	Pass
			25	21.17	-2.07	19.10	<=33.01	Pass
		50	0	21.17	-2.07	19.10	<=33.01	Pass
	2595	1	0	22.55	-2.07	20.48	<=33.01	Pass
			25	22.45	-2.07	20.38	<=33.01	Pass
			49	22.56	-2.07	20.49	<=33.01	Pass
		25	0	21.33	-2.07	19.26	<=33.01	Pass
			13	21.34	-2.07	19.27	<=33.01	Pass
			25	21.16	-2.07	19.09	<=33.01	Pass
		50	0	21.30	-2.07	19.23	<=33.01	Pass
	2615	1	0	21.94	-2.07	19.87	<=33.01	Pass
			25	22.51	-2.07	20.44	<=33.01	Pass
			49	21.88	-2.07	19.81	<=33.01	Pass
		25	0	21.45	-2.07	19.38	<=33.01	Pass
			13	21.36	-2.07	19.29	<=33.01	Pass
			25	21.29	-2.07	19.22	<=33.01	Pass
		50	0	21.28	-2.07	19.21	<=33.01	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	24.26	-2.07	22.19	<=33.01	Pass
			38	24.30	-2.07	22.23	<=33.01	Pass
			74	24.15	-2.07	22.08	<=33.01	Pass
		36	0	23.18	-2.07	21.11	<=33.01	Pass
			18	23.20	-2.07	21.13	<=33.01	Pass
			39	23.23	-2.07	21.16	<=33.01	Pass
		75	0	23.31	-2.07	21.24	<=33.01	Pass
	2595	1	0	24.18	-2.07	22.11	<=33.01	Pass
			38	24.24	-2.07	22.17	<=33.01	Pass
			74	24.26	-2.07	22.19	<=33.01	Pass
		36	0	23.30	-2.07	21.23	<=33.01	Pass
			18	23.23	-2.07	21.16	<=33.01	Pass
			39	23.31	-2.07	21.24	<=33.01	Pass
		75	0	23.38	-2.07	21.31	<=33.01	Pass
	2612.5	1	0	24.24	-2.07	22.17	<=33.01	Pass
			38	24.37	-2.07	22.30	<=33.01	Pass
			74	24.18	-2.07	22.11	<=33.01	Pass
		36	0	23.38	-2.07	21.31	<=33.01	Pass
			18	23.38	-2.07	21.31	<=33.01	Pass
			39	23.31	-2.07	21.24	<=33.01	Pass
		75	0	23.35	-2.07	21.28	<=33.01	Pass
16QAM	2577.5	1	0	23.07	-2.07	21.00	<=33.01	Pass
			38	23.26	-2.07	21.19	<=33.01	Pass

			74	23.16	-2.07	21.09	<=33.01	Pass
		36	0	22.17	-2.07	20.10	<=33.01	Pass
			18	22.27	-2.07	20.20	<=33.01	Pass
			39	22.15	-2.07	20.08	<=33.01	Pass
		75	0	22.21	-2.07	20.14	<=33.01	Pass
	2595	1	0	23.07	-2.07	21.00	<=33.01	Pass
			38	23.12	-2.07	21.05	<=33.01	Pass
			74	23.07	-2.07	21.00	<=33.01	Pass
		36	0	22.19	-2.07	20.12	<=33.01	Pass
			18	22.22	-2.07	20.15	<=33.01	Pass
			39	22.18	-2.07	20.11	<=33.01	Pass
		75	0	22.33	-2.07	20.26	<=33.01	Pass
	2612.5	1	0	23.34	-2.07	21.27	<=33.01	Pass
			38	23.28	-2.07	21.21	<=33.01	Pass
			74	23.35	-2.07	21.28	<=33.01	Pass
		36	0	22.23	-2.07	20.16	<=33.01	Pass
			18	22.48	-2.07	20.41	<=33.01	Pass
			39	22.37	-2.07	20.30	<=33.01	Pass
		75	0	22.41	-2.07	20.34	<=33.01	Pass
64QAM	2577.5	1	0	21.85	-2.07	19.78	<=33.01	Pass
			38	21.87	-2.07	19.80	<=33.01	Pass
			74	21.77	-2.07	19.70	<=33.01	Pass
		36	0	21.15	-2.07	19.08	<=33.01	Pass
			18	21.24	-2.07	19.17	<=33.01	Pass
			39	21.11	-2.07	19.04	<=33.01	Pass
		75	0	21.21	-2.07	19.14	<=33.01	Pass
	2595	1	0	22.42	-2.07	20.35	<=33.01	Pass
			38	22.04	-2.07	19.97	<=33.01	Pass
			74	22.54	-2.07	20.47	<=33.01	Pass
		36	0	21.25	-2.07	19.18	<=33.01	Pass
			18	21.37	-2.07	19.30	<=33.01	Pass
			39	21.34	-2.07	19.27	<=33.01	Pass
		75	0	21.33	-2.07	19.26	<=33.01	Pass
	2612.5	1	0	21.87	-2.07	19.80	<=33.01	Pass
			38	22.41	-2.07	20.34	<=33.01	Pass
			74	22.19	-2.07	20.12	<=33.01	Pass
		36	0	21.30	-2.07	19.23	<=33.01	Pass
			18	21.38	-2.07	19.31	<=33.01	Pass
			39	21.32	-2.07	19.25	<=33.01	Pass
		75	0	21.32	-2.07	19.25	<=33.01	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	24.25	-2.07	22.18	<=33.01	Pass
			50	24.24	-2.07	22.17	<=33.01	Pass
			99	24.03	-2.07	21.96	<=33.01	Pass
		50	0	23.22	-2.07	21.15	<=33.01	Pass
			25	23.18	-2.07	21.11	<=33.01	Pass
			50	23.18	-2.07	21.11	<=33.01	Pass
		100	0	23.08	-2.07	21.01	<=33.01	Pass
	2595	1	0	24.08	-2.07	22.01	<=33.01	Pass
			50	24.23	-2.07	22.16	<=33.01	Pass
			99	24.09	-2.07	22.02	<=33.01	Pass

		50	0	23.15	-2.07	21.08	<=33.01	Pass
			25	23.27	-2.07	21.20	<=33.01	Pass
			50	23.20	-2.07	21.13	<=33.01	Pass
		100	0	23.28	-2.07	21.21	<=33.01	Pass
	2610	1	0	24.05	-2.07	21.98	<=33.01	Pass
			50	24.47	-2.07	22.40	<=33.01	Pass
			99	24.27	-2.07	22.20	<=33.01	Pass
		50	0	23.29	-2.07	21.22	<=33.01	Pass
			25	23.44	-2.07	21.37	<=33.01	Pass
			50	23.23	-2.07	21.16	<=33.01	Pass
		100	0	23.30	-2.07	21.23	<=33.01	Pass
16QAM	2580	1	0	23.48	-2.07	21.41	<=33.01	Pass
			50	23.30	-2.07	21.23	<=33.01	Pass
			99	23.34	-2.07	21.27	<=33.01	Pass
		50	0	22.13	-2.07	20.06	<=33.01	Pass
			25	22.28	-2.07	20.21	<=33.01	Pass
			50	22.09	-2.07	20.02	<=33.01	Pass
		100	0	22.09	-2.07	20.02	<=33.01	Pass
	2595	1	0	23.05	-2.07	20.98	<=33.01	Pass
			50	22.98	-2.07	20.91	<=33.01	Pass
			99	23.27	-2.07	21.20	<=33.01	Pass
		50	0	22.13	-2.07	20.06	<=33.01	Pass
			25	22.42	-2.07	20.35	<=33.01	Pass
			50	22.22	-2.07	20.15	<=33.01	Pass
		100	0	22.19	-2.07	20.12	<=33.01	Pass
	2610	1	0	23.24	-2.07	21.17	<=33.01	Pass
			50	23.43	-2.07	21.36	<=33.01	Pass
			99	23.26	-2.07	21.19	<=33.01	Pass
		50	0	22.32	-2.07	20.25	<=33.01	Pass
			25	22.40	-2.07	20.33	<=33.01	Pass
			50	22.34	-2.07	20.27	<=33.01	Pass
		100	0	22.31	-2.07	20.24	<=33.01	Pass
64QAM	2580	1	0	22.47	-2.07	20.40	<=33.01	Pass
			50	21.92	-2.07	19.85	<=33.01	Pass
			99	22.08	-2.07	20.01	<=33.01	Pass
		50	0	21.21	-2.07	19.14	<=33.01	Pass
			25	21.30	-2.07	19.23	<=33.01	Pass
			50	21.17	-2.07	19.10	<=33.01	Pass
		100	0	21.13	-2.07	19.06	<=33.01	Pass
	2595	1	0	21.92	-2.07	19.85	<=33.01	Pass
			50	22.31	-2.07	20.24	<=33.01	Pass
			99	22.32	-2.07	20.25	<=33.01	Pass
		50	0	21.21	-2.07	19.14	<=33.01	Pass
			25	21.44	-2.07	19.37	<=33.01	Pass
			50	21.20	-2.07	19.13	<=33.01	Pass
		100	0	21.33	-2.07	19.26	<=33.01	Pass
	2610	1	0	22.28	-2.07	20.21	<=33.01	Pass
			50	22.16	-2.07	20.09	<=33.01	Pass
			99	22.29	-2.07	20.22	<=33.01	Pass
		50	0	21.32	-2.07	19.25	<=33.01	Pass
			25	21.44	-2.07	19.37	<=33.01	Pass
			50	21.39	-2.07	19.32	<=33.01	Pass
		100	0	21.25	-2.07	19.18	<=33.01	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	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2595	50	0	20	LV	2.818	0.0011	-2.5 to 2.5	Pass
					NV	3.490	0.0013	-2.5 to 2.5	Pass
					HV	-6.351	-0.0024	-2.5 to 2.5	Pass
				-30	NV	-1.702	-0.0007	-2.5 to 2.5	Pass
				-20	NV	0.072	0.0000	-2.5 to 2.5	Pass
				-10	NV	-4.807	-0.0019	-2.5 to 2.5	Pass
				0	NV	-3.033	-0.0012	-2.5 to 2.5	Pass
				10	NV	-0.243	-0.0001	-2.5 to 2.5	Pass
				30	NV	-4.349	-0.0017	-2.5 to 2.5	Pass
				40	NV	-7.625	-0.0029	-2.5 to 2.5	Pass
				50	NV	-2.789	-0.0011	-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	4.550	/	Pass
	16QAM	2595	25	0	4.559	/	Pass
	64QAM	2595	25	0	4.544	/	Pass
10	QPSK	2595	50	0	9.047	/	Pass
	16QAM	2595	50	0	8.991	/	Pass
	64QAM	2595	50	0	9.037	/	Pass
15	QPSK	2595	75	0	13.609	/	Pass
	16QAM	2595	75	0	13.564	/	Pass
	64QAM	2595	75	0	13.552	/	Pass
20	QPSK	2595	100	0	18.023	/	Pass
	16QAM	2595	100	0	18.085	/	Pass
	64QAM	2595	100	0	18.055	/	Pass

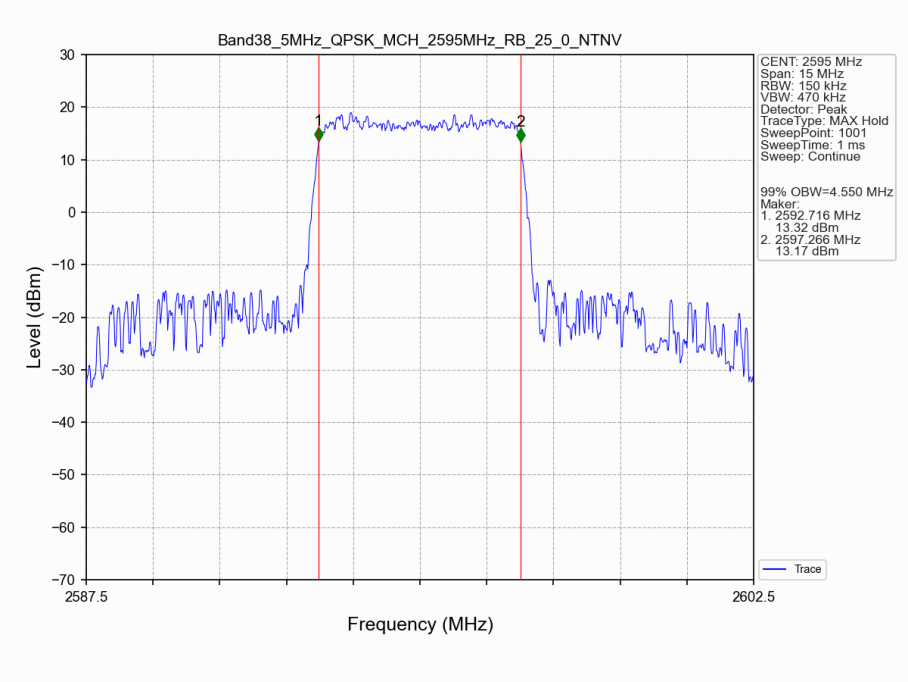
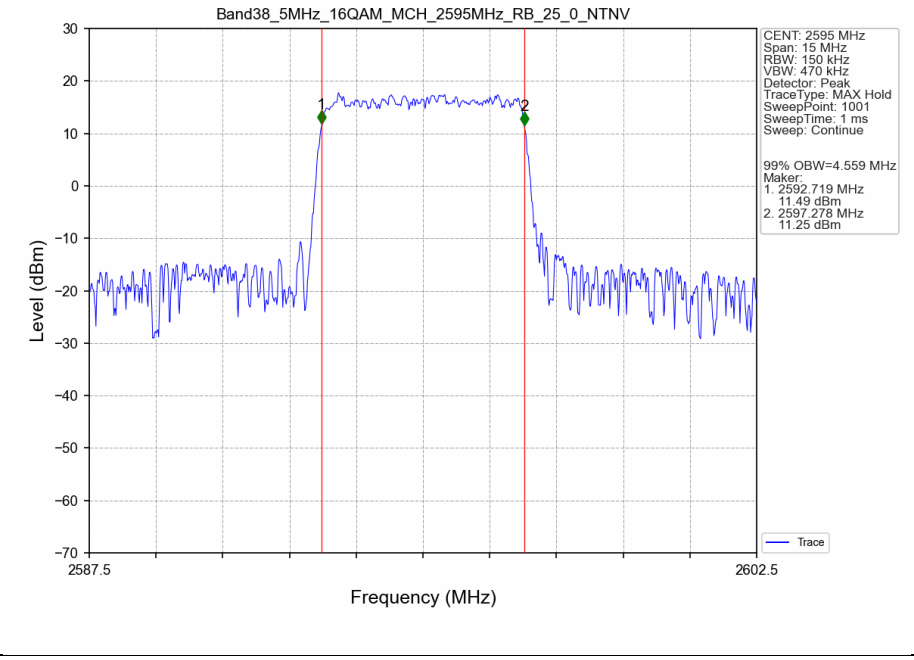
3.1.2 Band38_XDB

Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	4.998	/	Pass
	16QAM	2595	25	0	5.045	/	Pass
	64QAM	2595	25	0	5.092	/	Pass
10	QPSK	2595	50	0	9.882	/	Pass
	16QAM	2595	50	0	9.840	/	Pass
	64QAM	2595	50	0	10.154	/	Pass

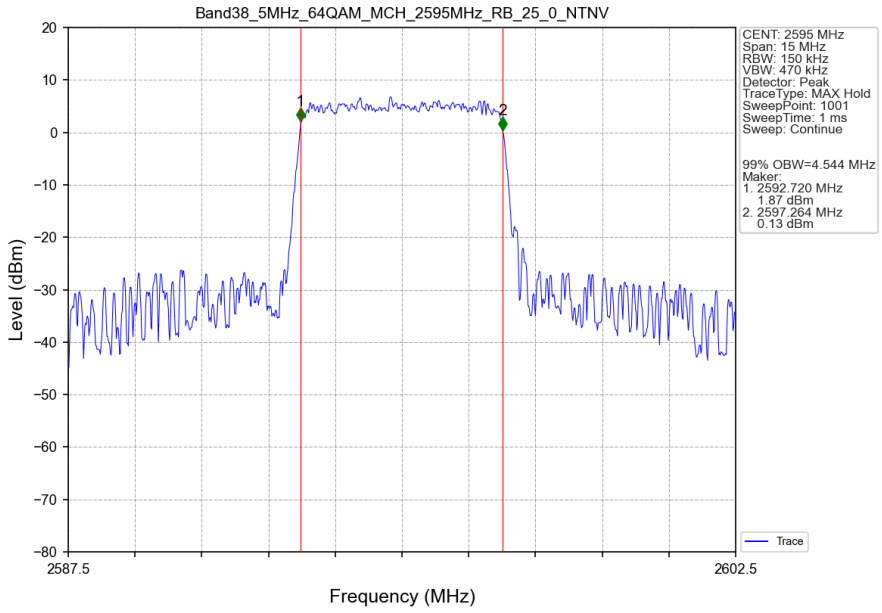
15	QPSK	2595	75	0	15.334	/	Pass
	16QAM	2595	75	0	15.215	/	Pass
	64QAM	2595	75	0	14.869	/	Pass
20	QPSK	2595	100	0	19.817	/	Pass
	16QAM	2595	100	0	19.803	/	Pass
	64QAM	2595	100	0	22.289	/	Pass

3.2 Test Graph

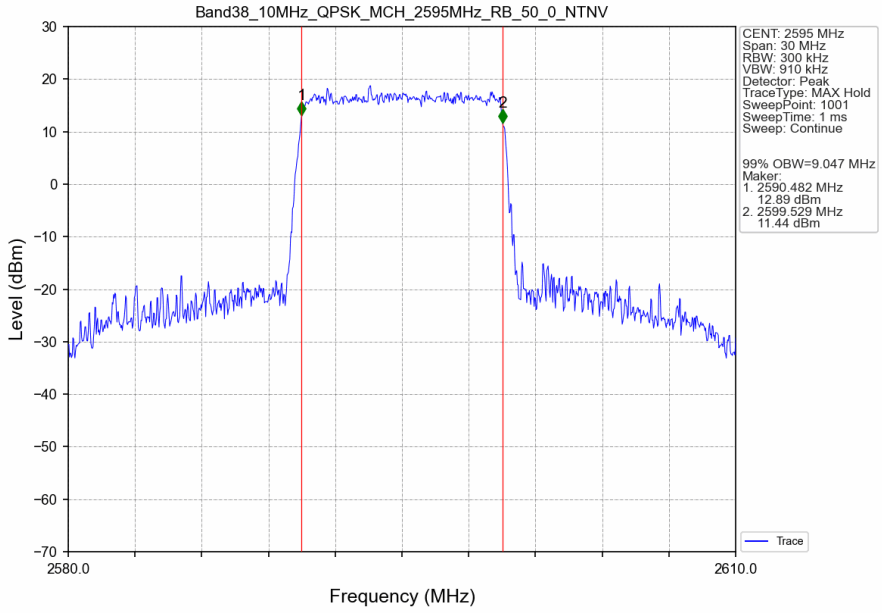
3.2.1 Band38_OBW

Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV

Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV


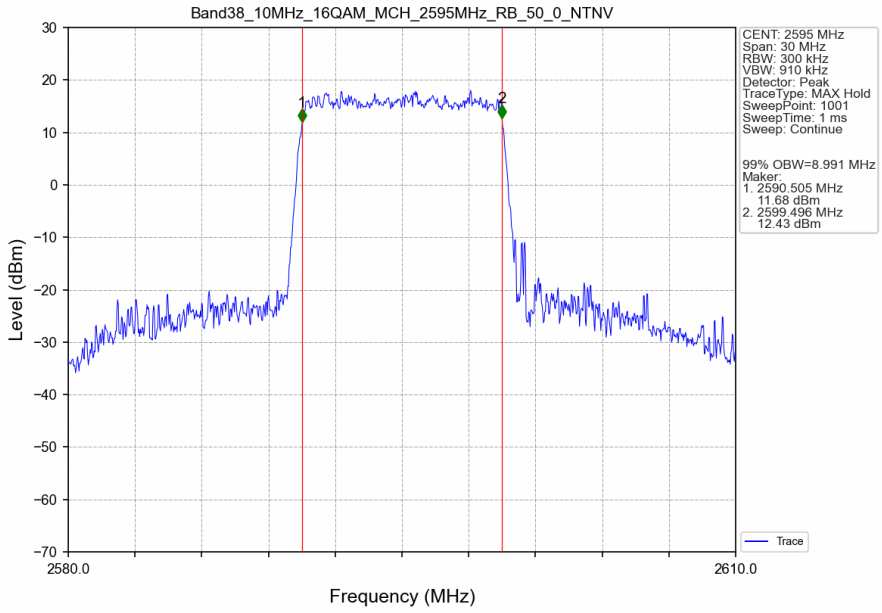
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



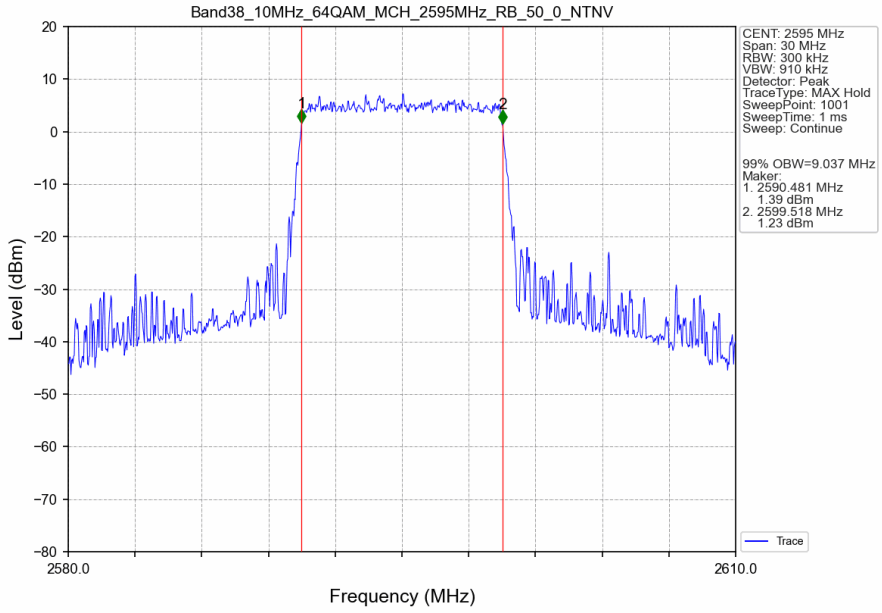
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



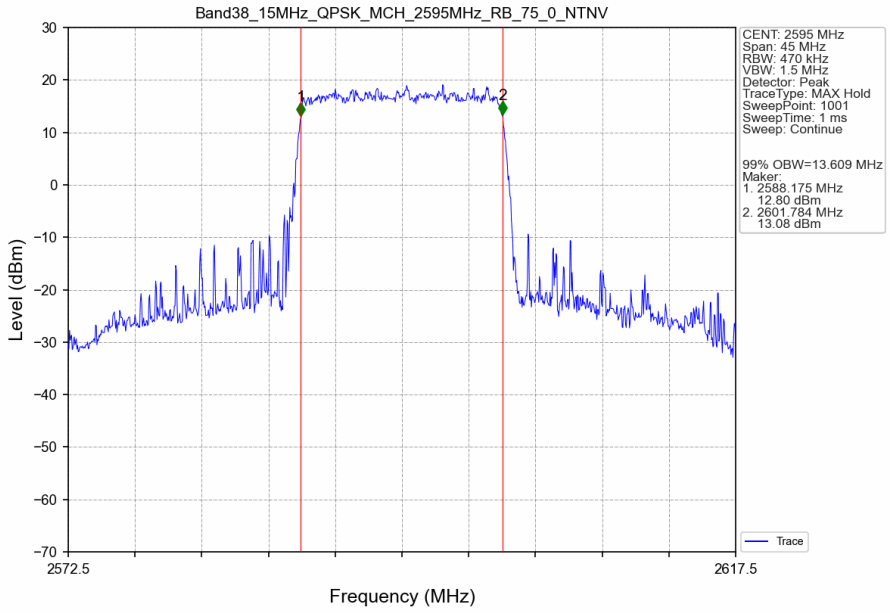
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



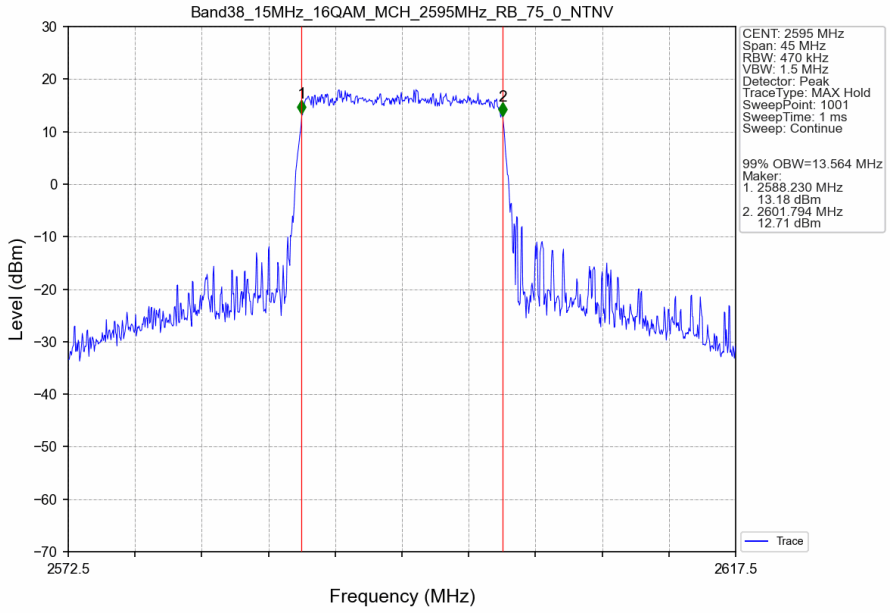
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



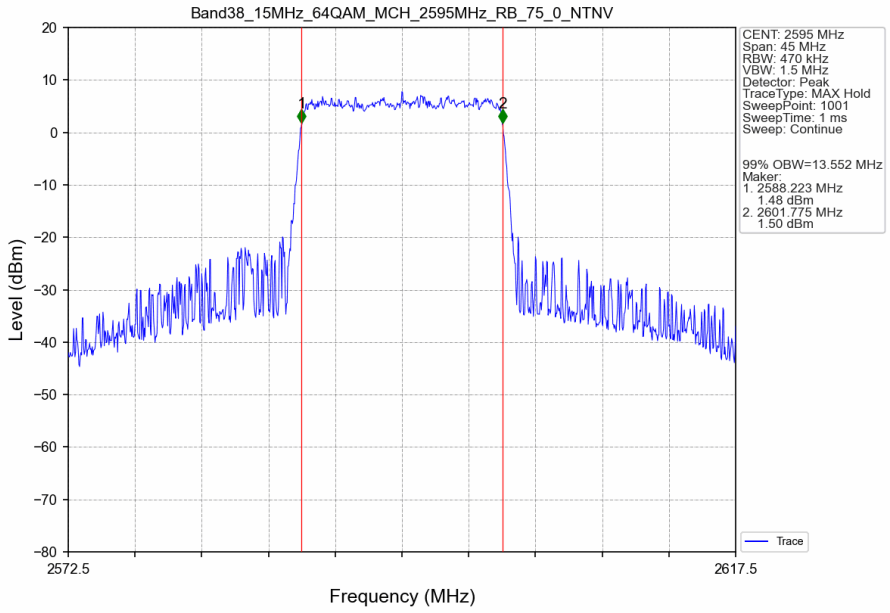
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



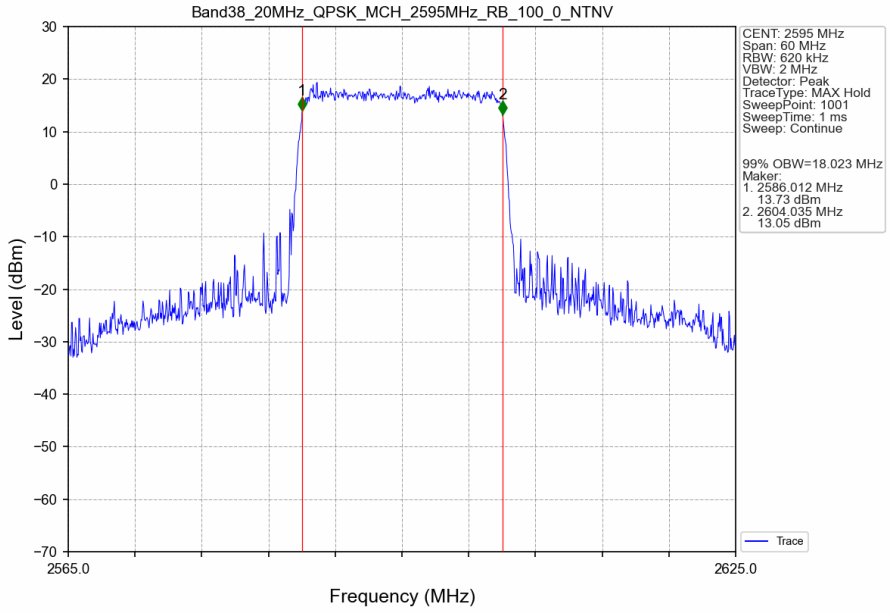
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



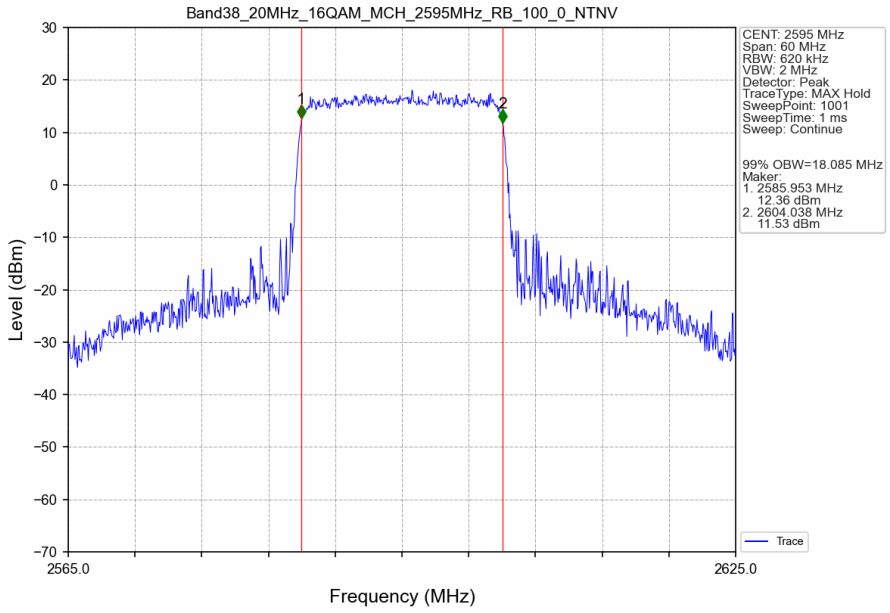
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



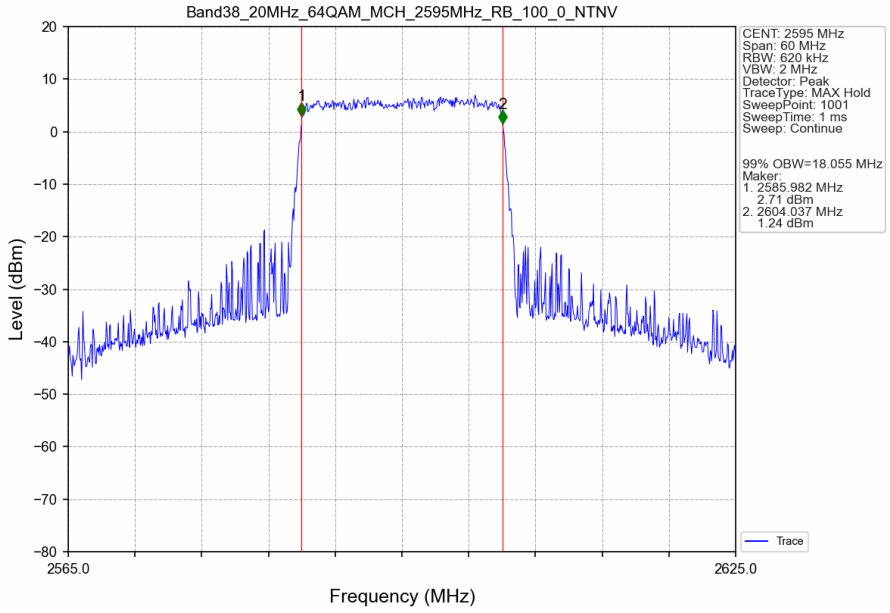
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV

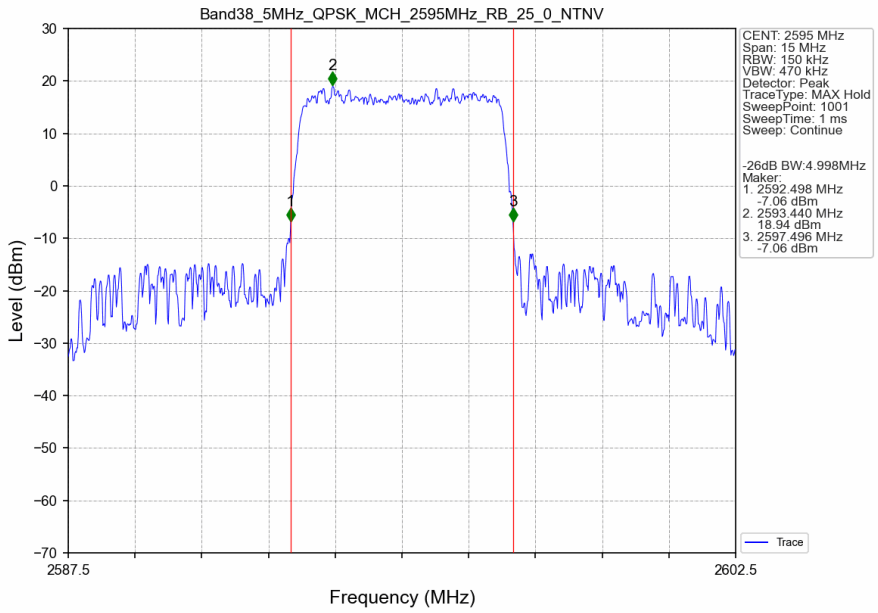


Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV

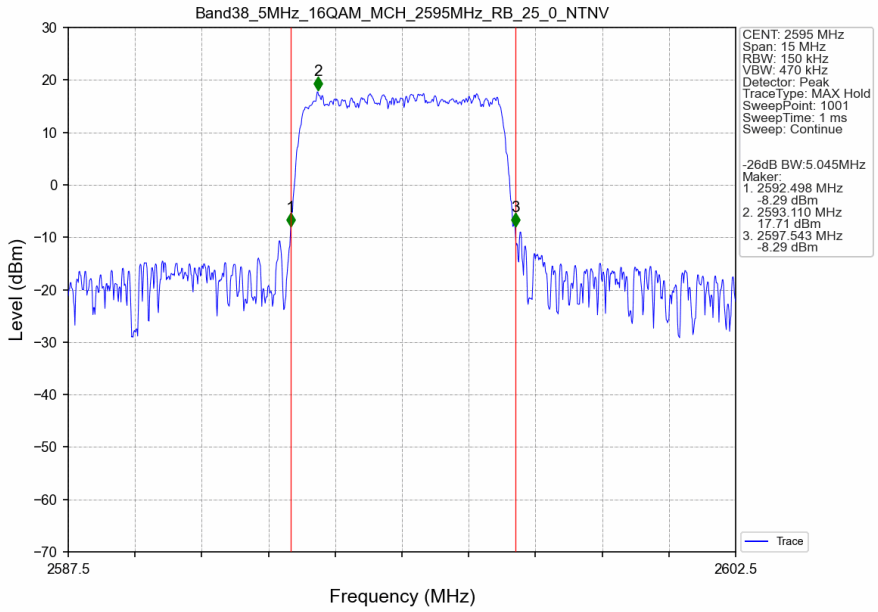


3.2.2 Band38_XDB

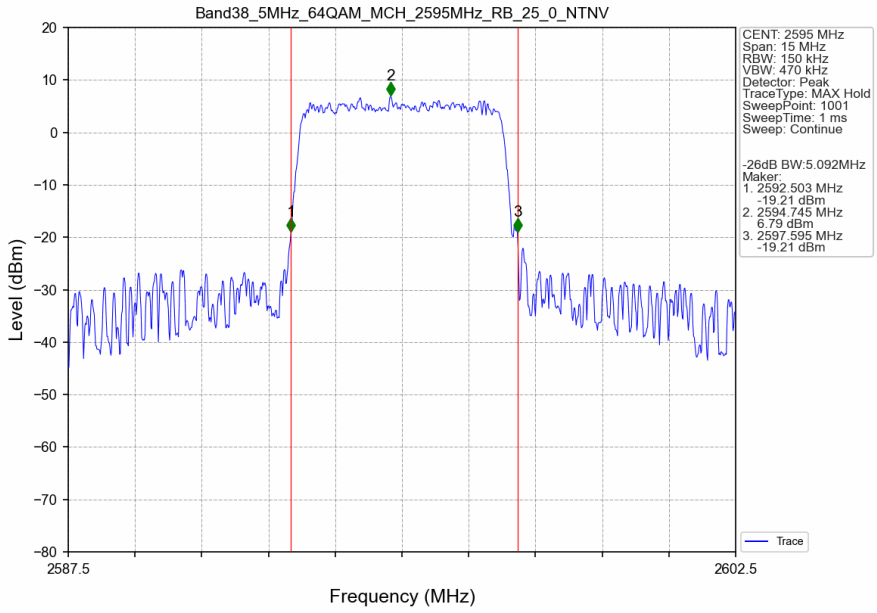
Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



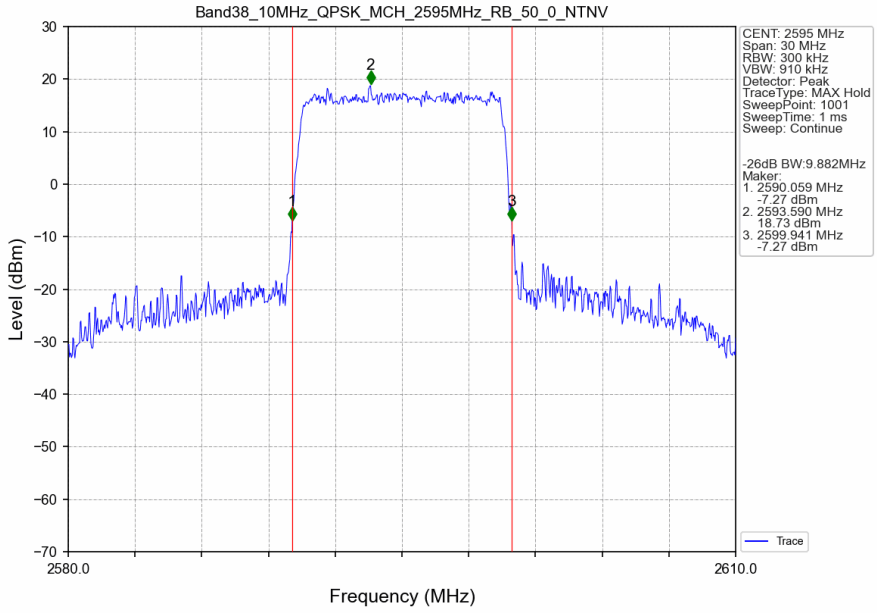
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



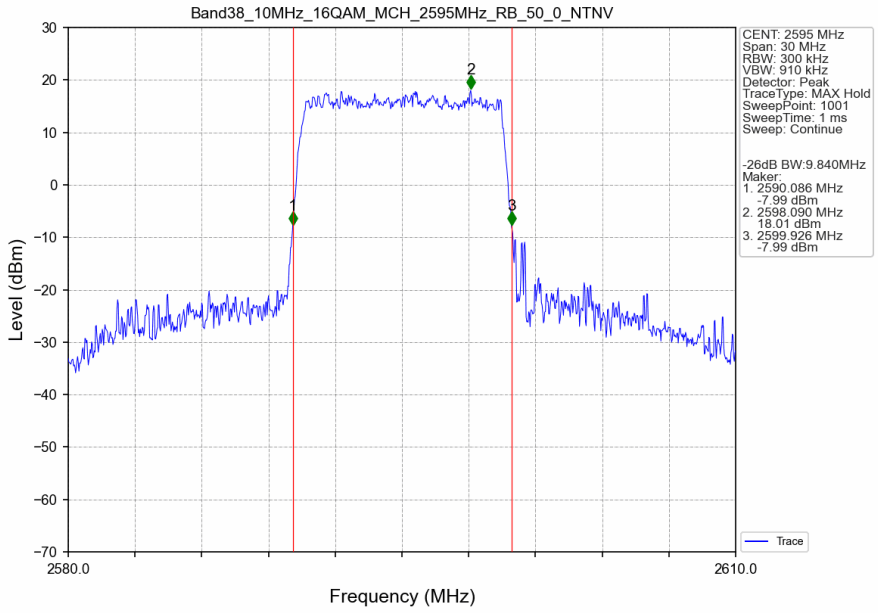
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



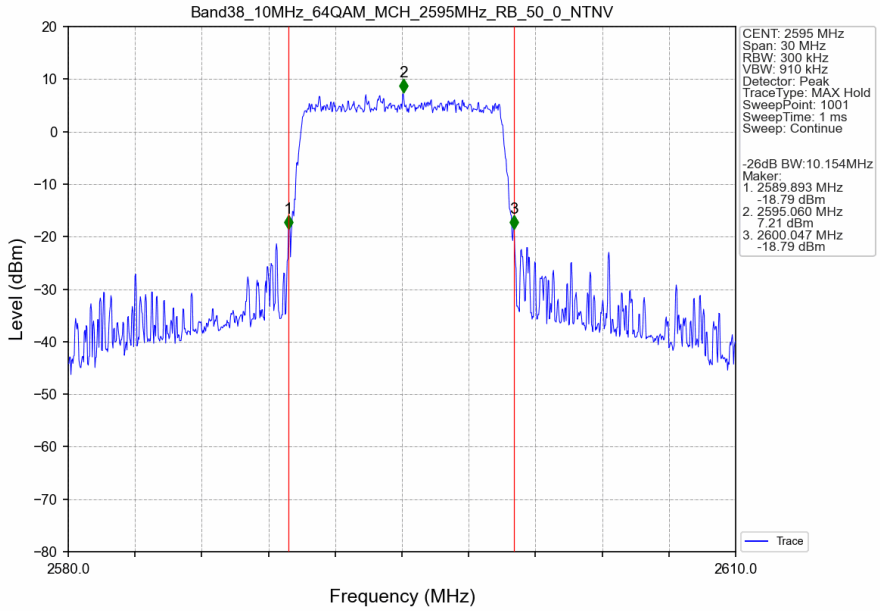
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



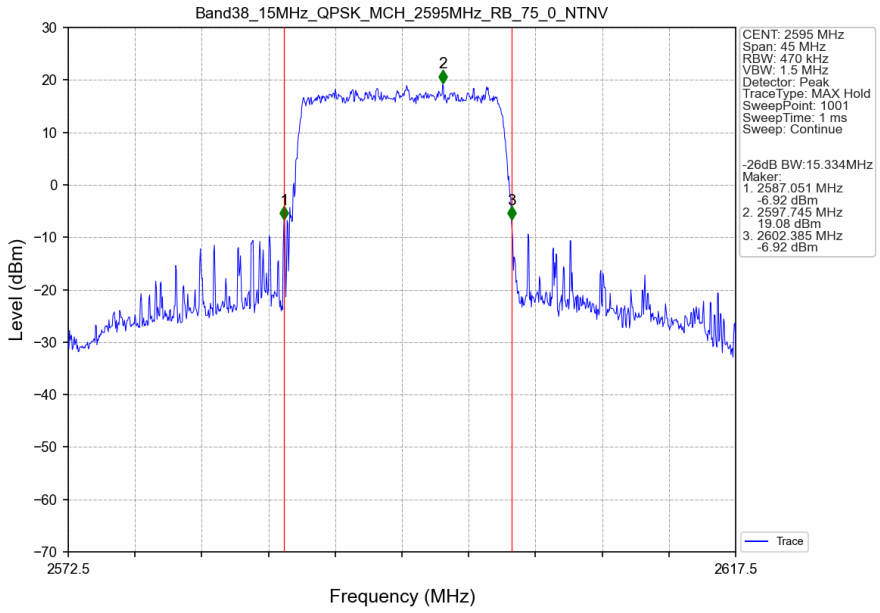
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



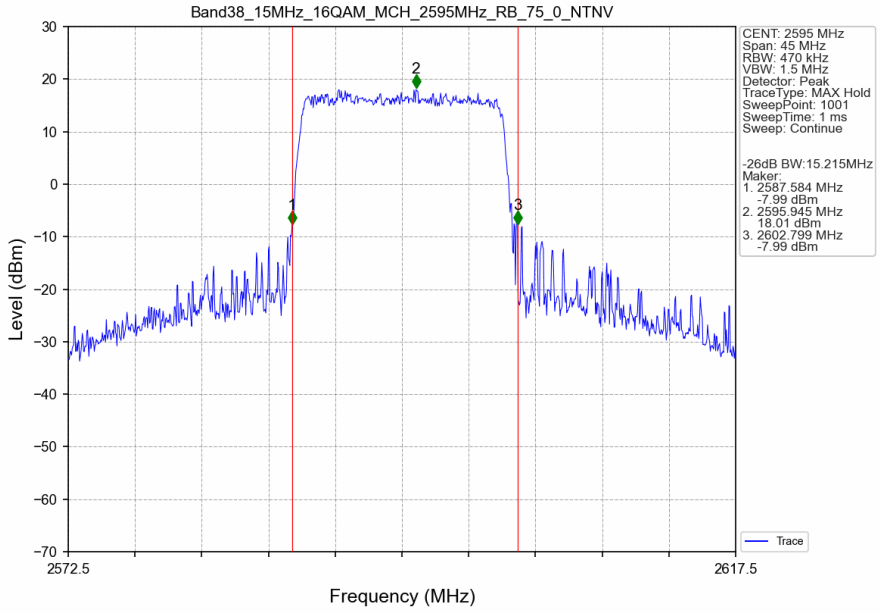
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



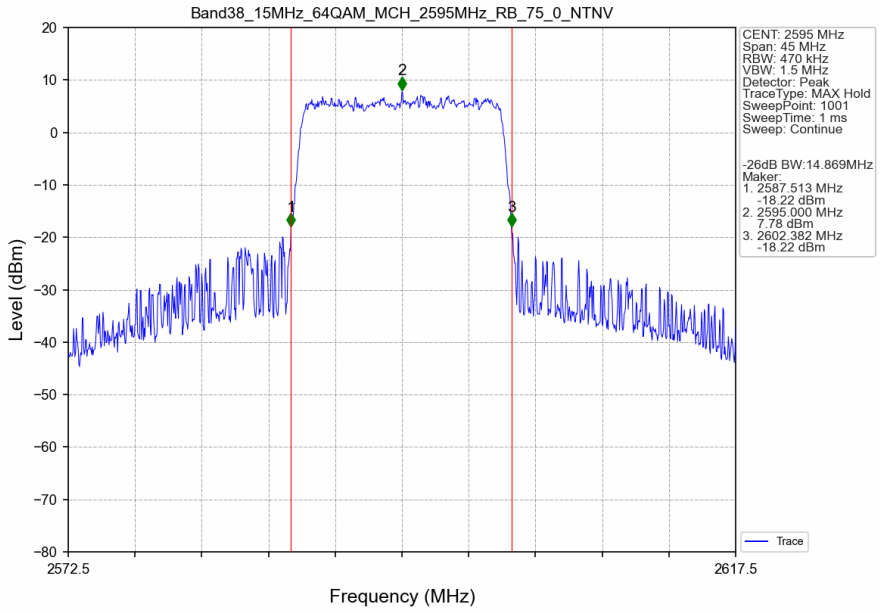
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



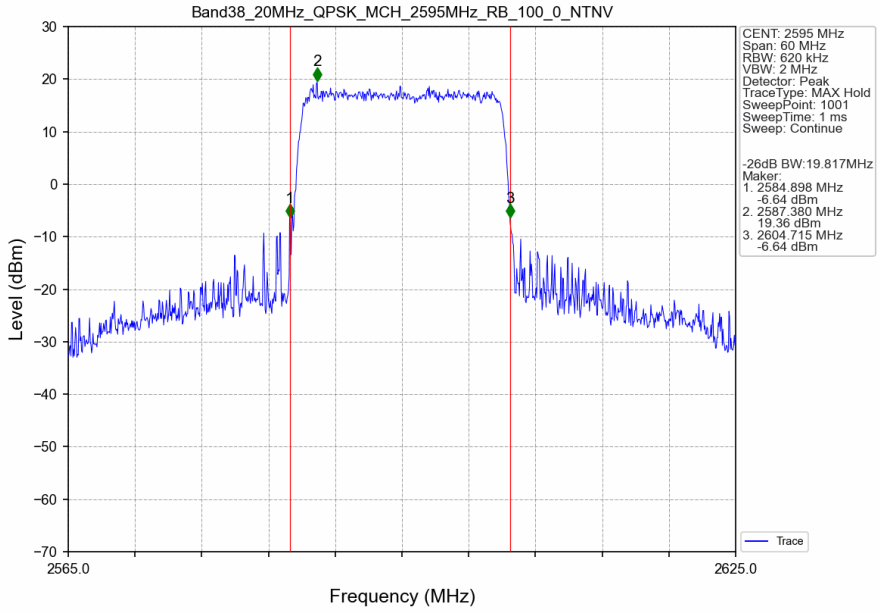
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



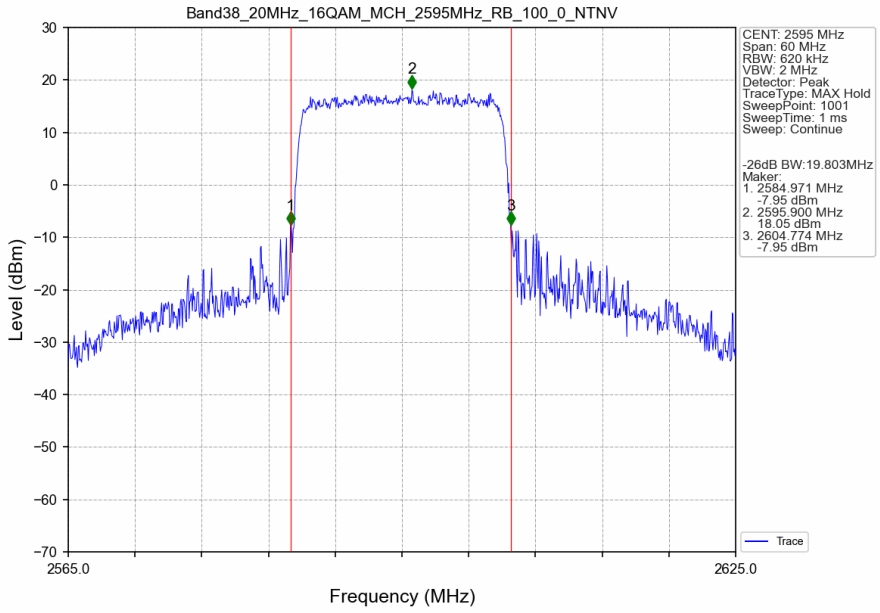
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



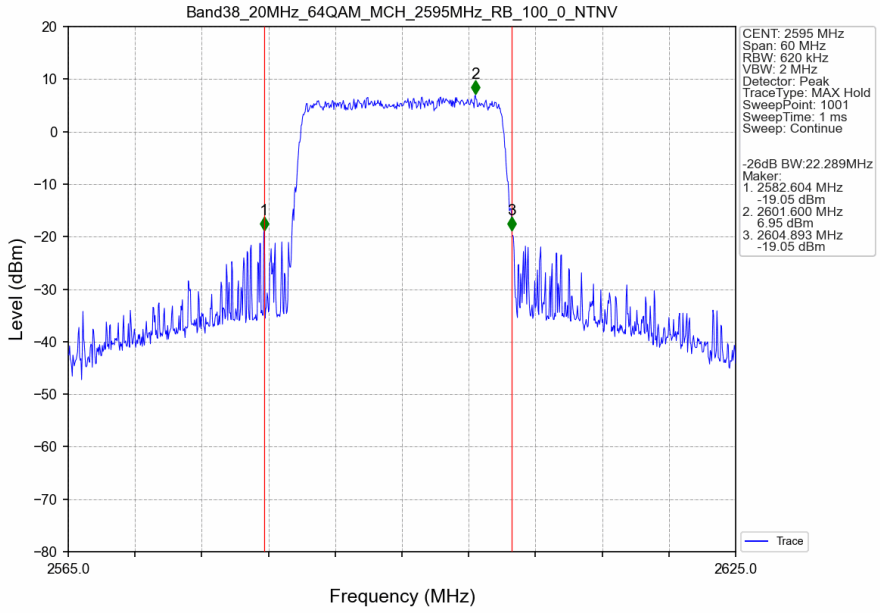
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

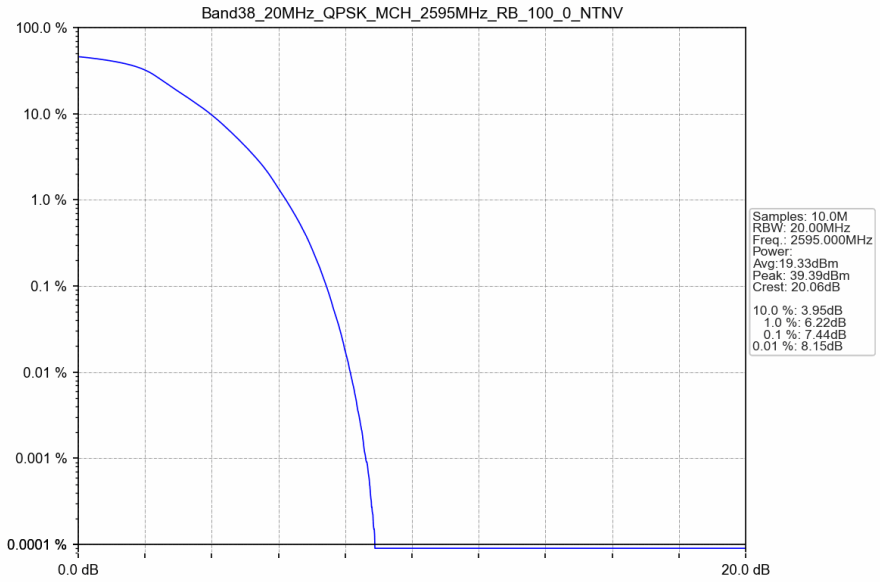
4.1.1 B38_20MHz

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2595	100	0	7.44	<=13	Pass
16QAM	2595	100	0	8.13	<=13	Pass
64QAM	2595	100	0	8.42	<=13	Pass

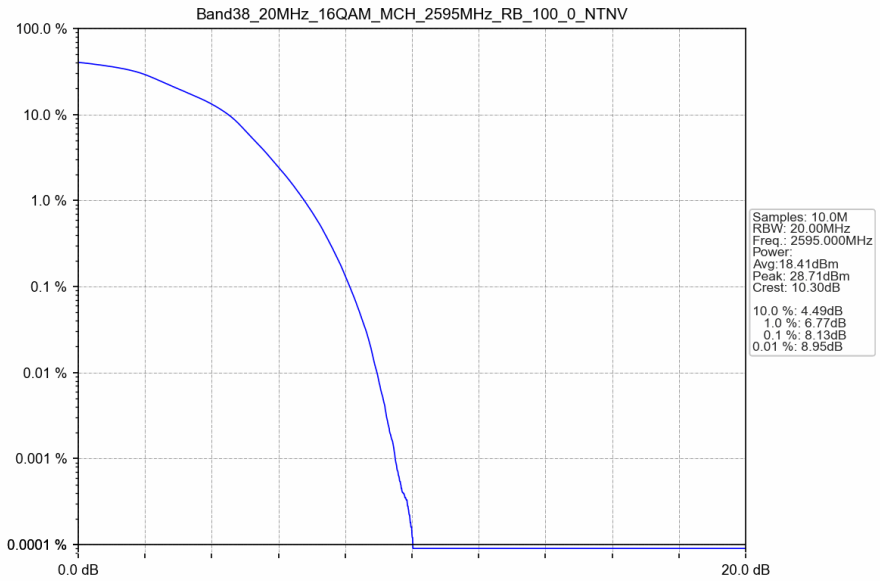
4.2 Test Graph

4.2.1 B38_20MHz

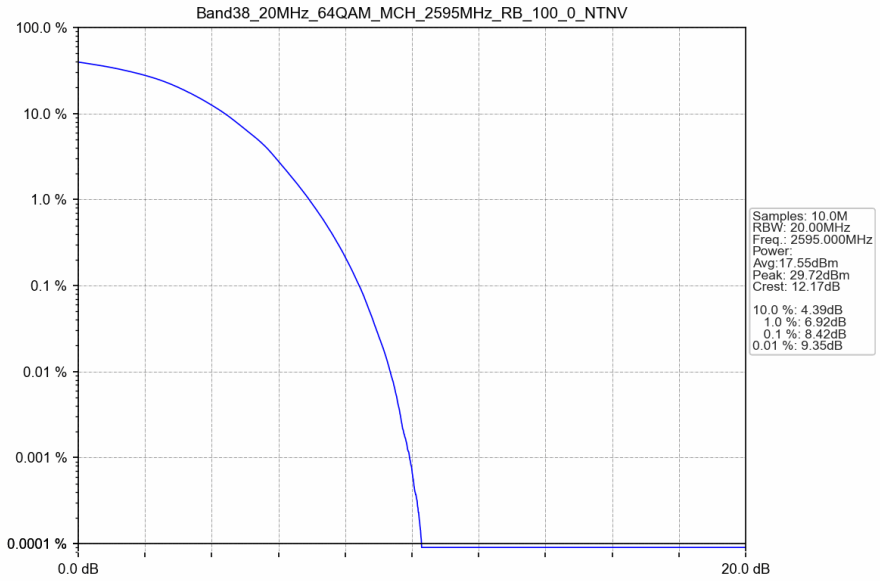
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



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

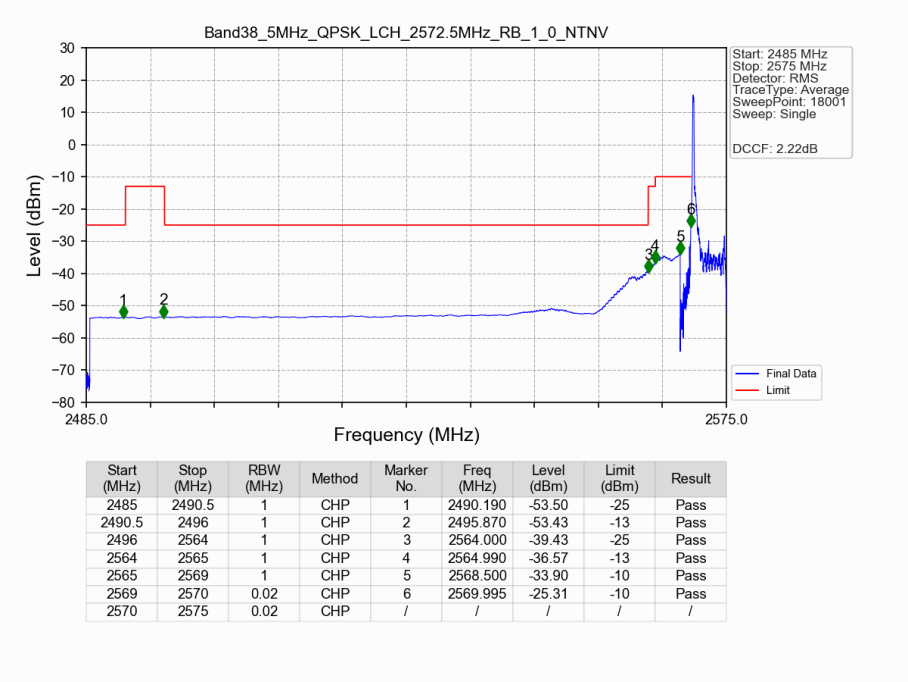
5.1.4 B38_20MHz

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

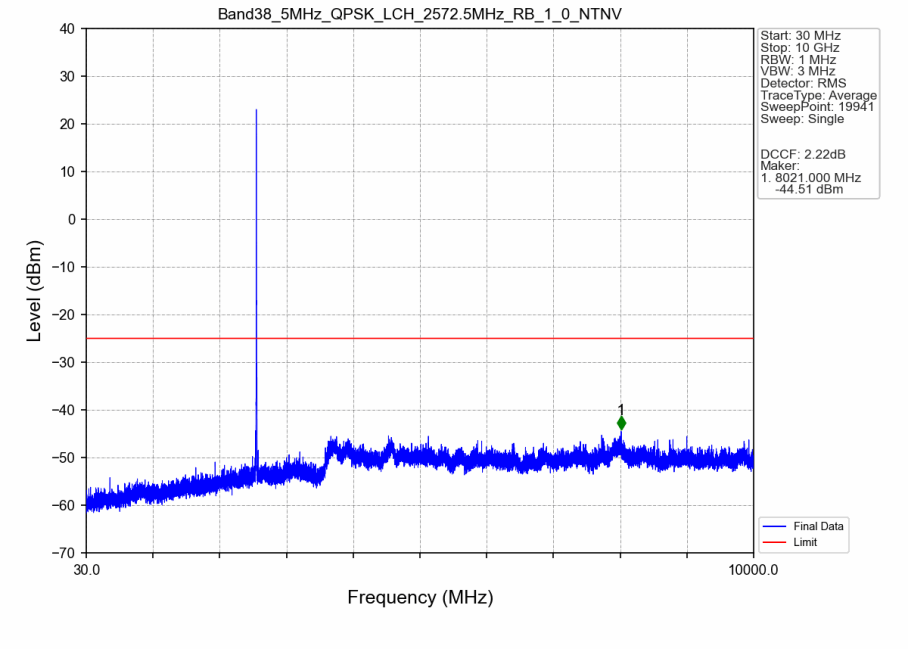
5.2.1 B38_5MHz

Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

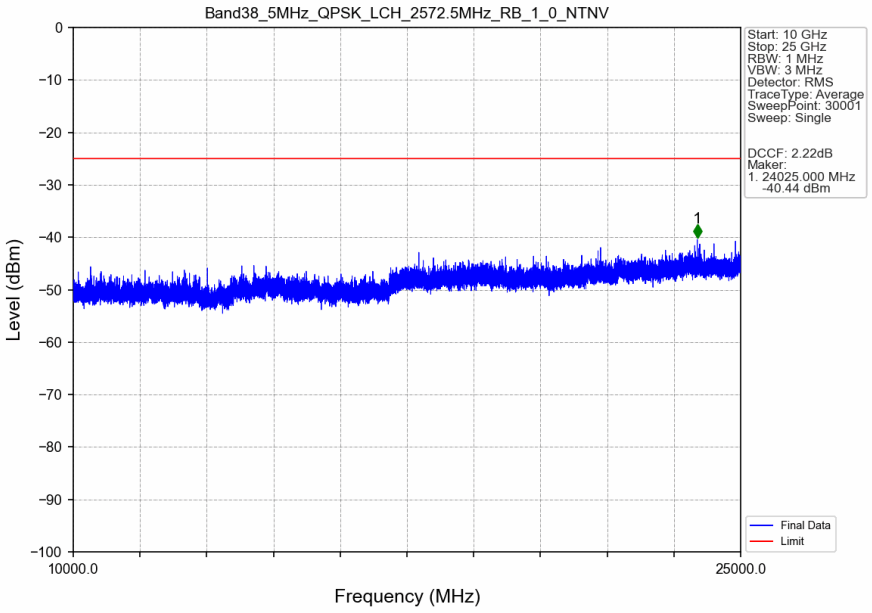


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.190	-53.50	-25	Pass
2490.5	2496	1	CHP	2	2495.870	-53.43	-13	Pass
2496	2564	1	CHP	3	2564.000	-39.43	-25	Pass
2564	2565	1	CHP	4	2564.990	-36.57	-13	Pass
2565	2569	1	CHP	5	2568.500	-33.90	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-25.31	-10	Pass
2570	2575	0.02	CHP	/	/	/	/	/

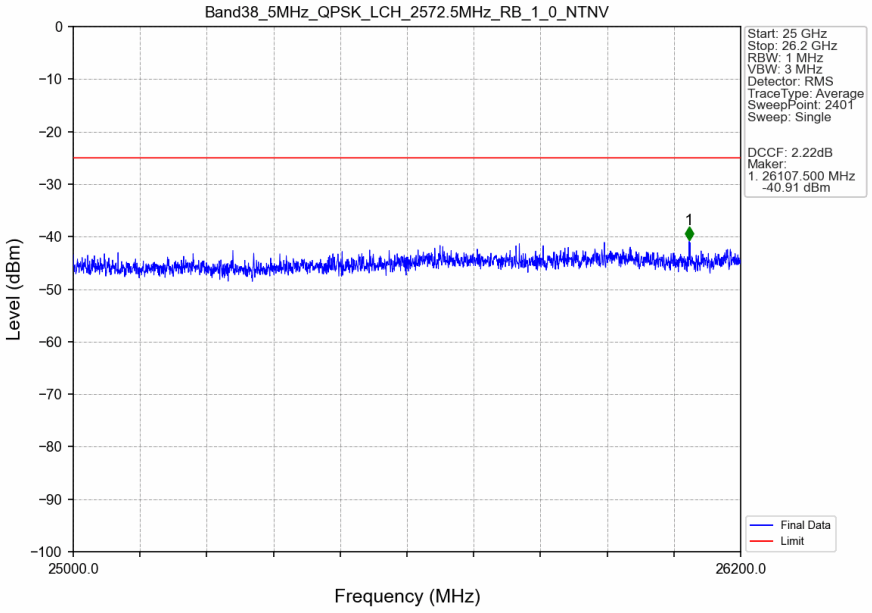
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



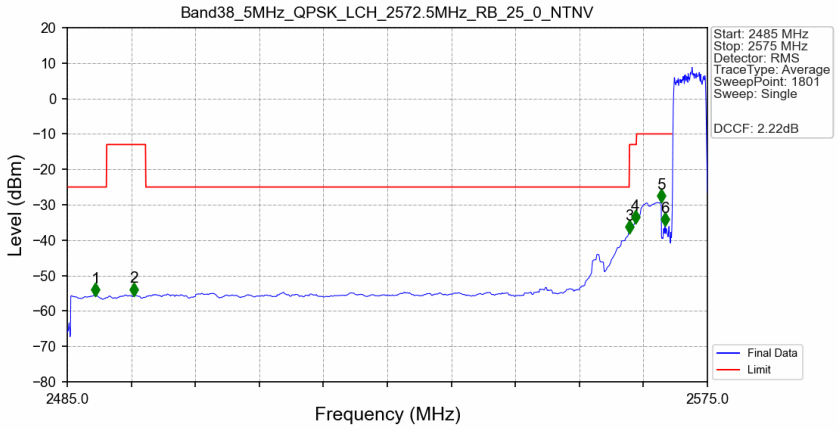
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

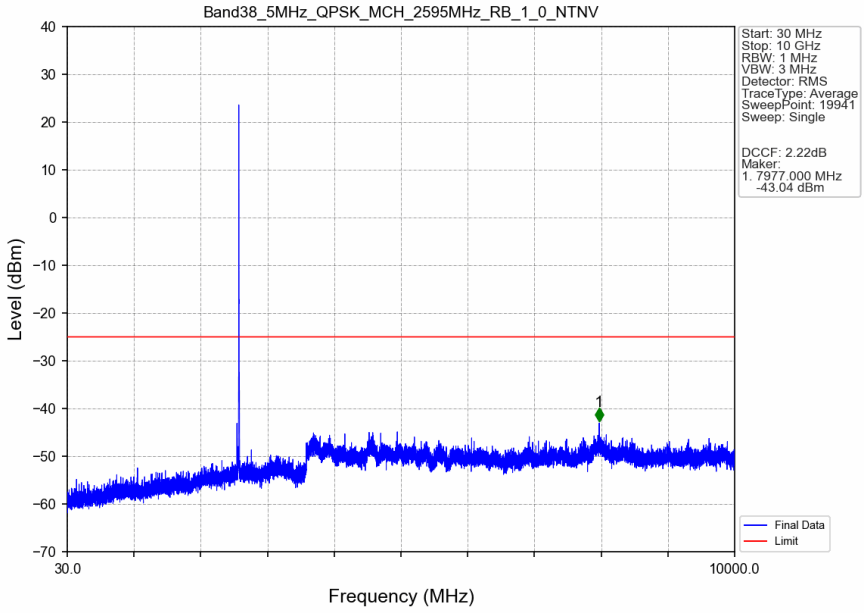


Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV

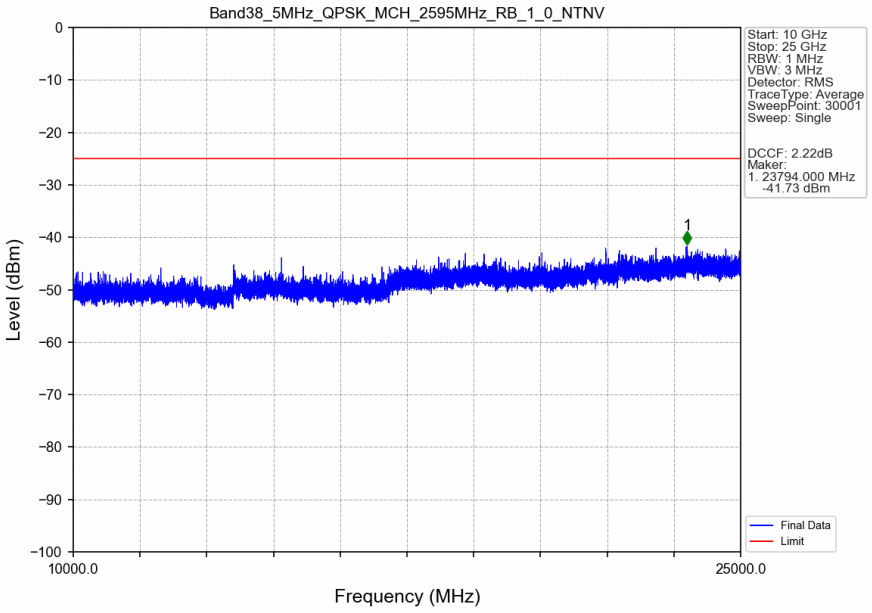


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.950	-55.54	-25	Pass
2490.5	2496	1	CHP	2	2494.400	-55.47	-13	Pass
2496	2564	1	CHP	3	2564.000	-37.74	-25	Pass
2564	2565	1	CHP	4	2564.850	-35.03	-13	Pass
2565	2569	1	CHP	5	2568.500	-29.07	-10	Pass
2569	2570	0.1	/	6	2569.050	-35.73	-10	Pass
2570	2575	0.1	/	/	/	/	/	/

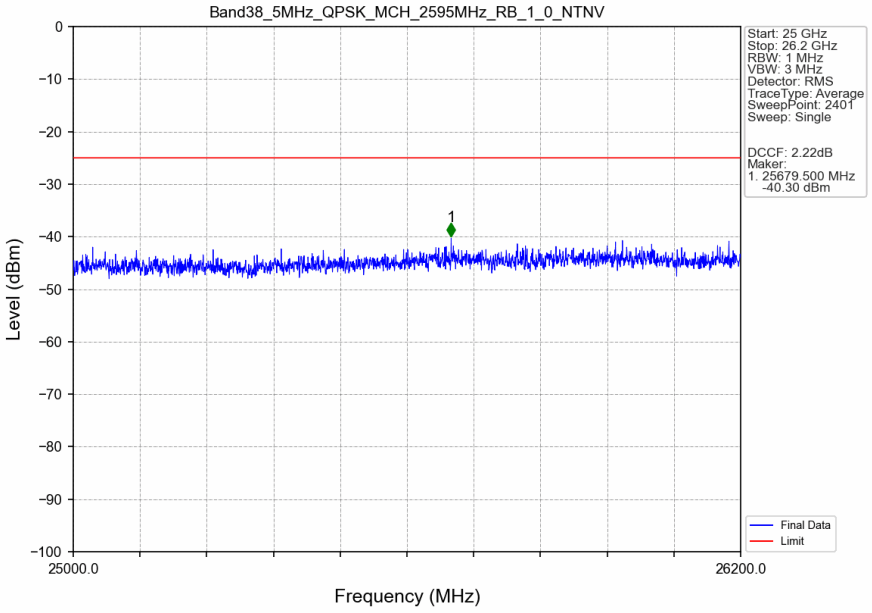
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



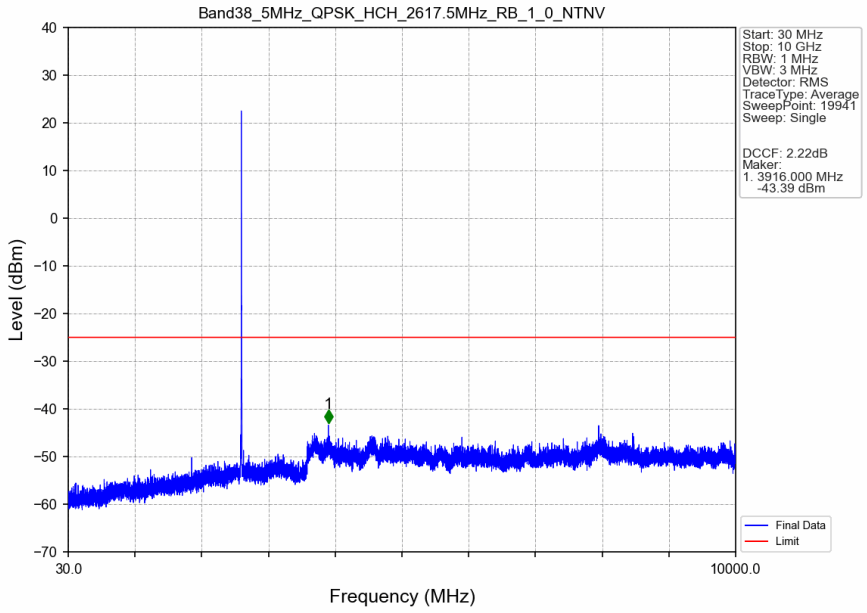
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



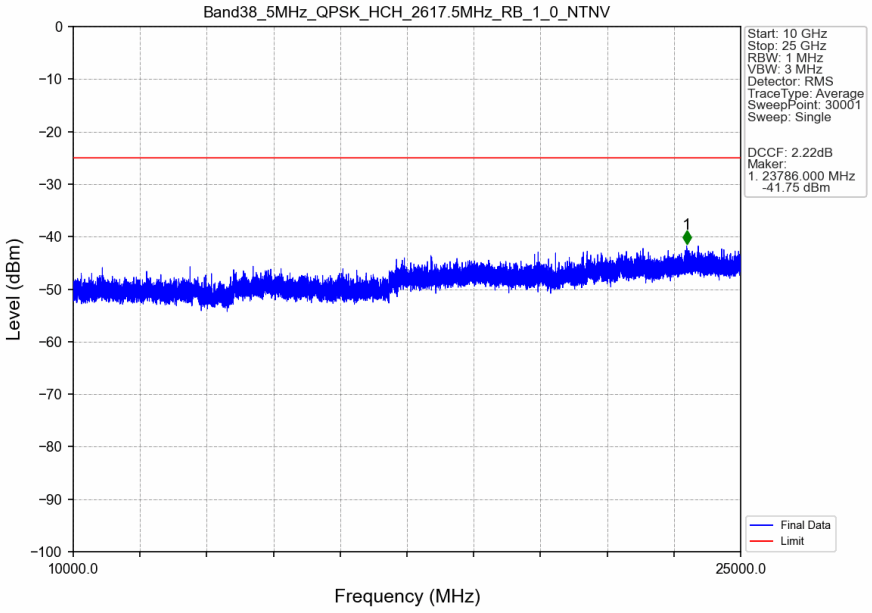
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



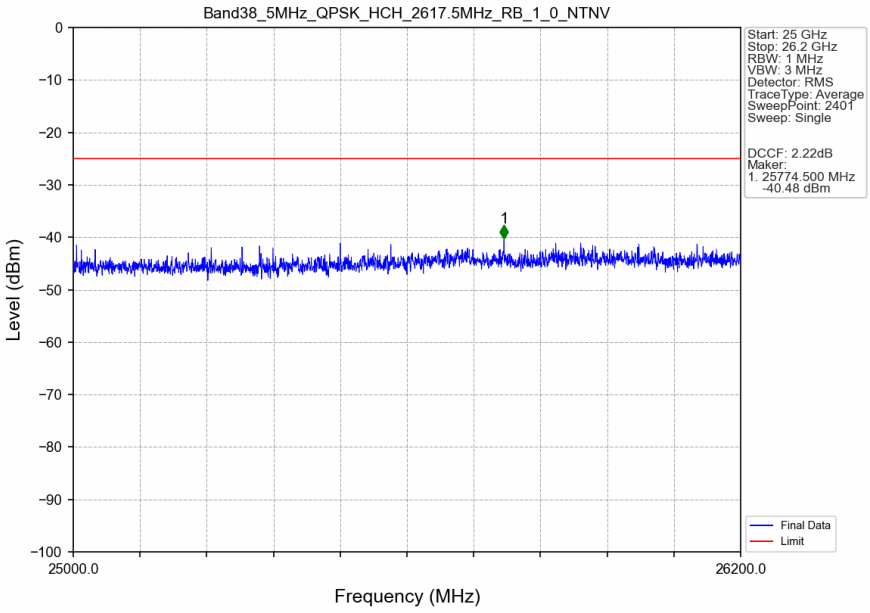
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



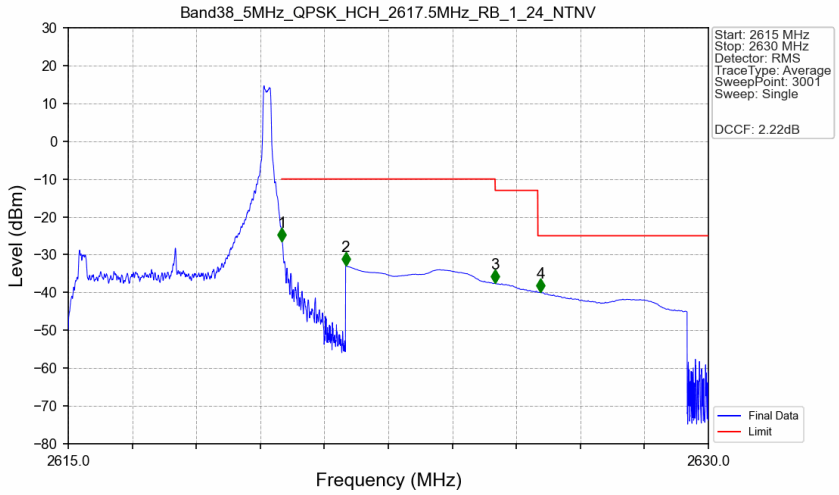
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV

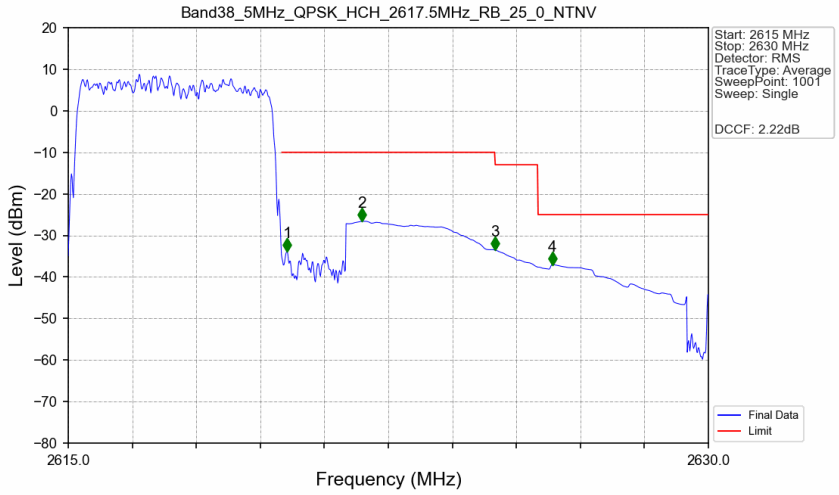


Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-26.38	-10	Pass
2621	2625	1	CHP	2	2621.500	-32.88	-10	Pass
2625	2626	1	CHP	3	2625.005	-37.55	-13	Pass
2626	2630	1	CHP	4	2626.065	-39.93	-25	Pass

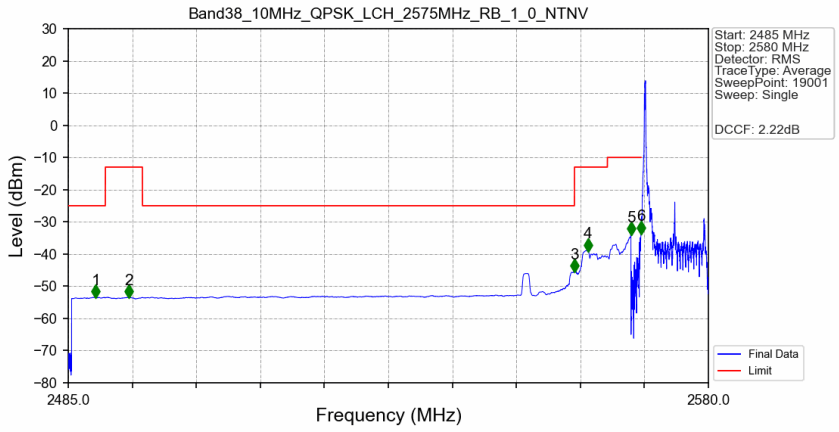
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



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	2620.130	-33.86	-10	Pass
2621	2625	1	CHP	2	2621.885	-26.60	-10	Pass
2625	2626	1	CHP	3	2625.005	-33.55	-13	Pass
2626	2630	1	CHP	4	2626.340	-37.07	-25	Pass

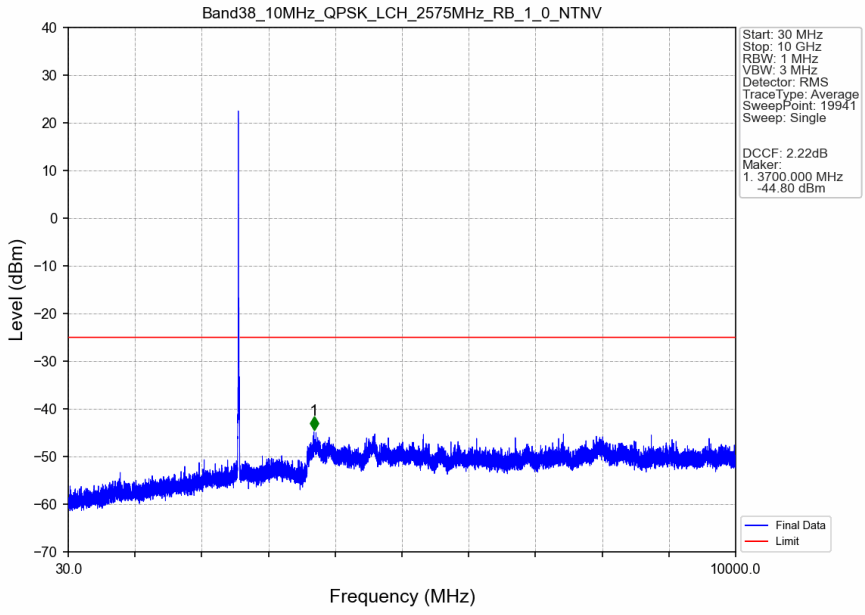
5.2.2 B38_10MHz

Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

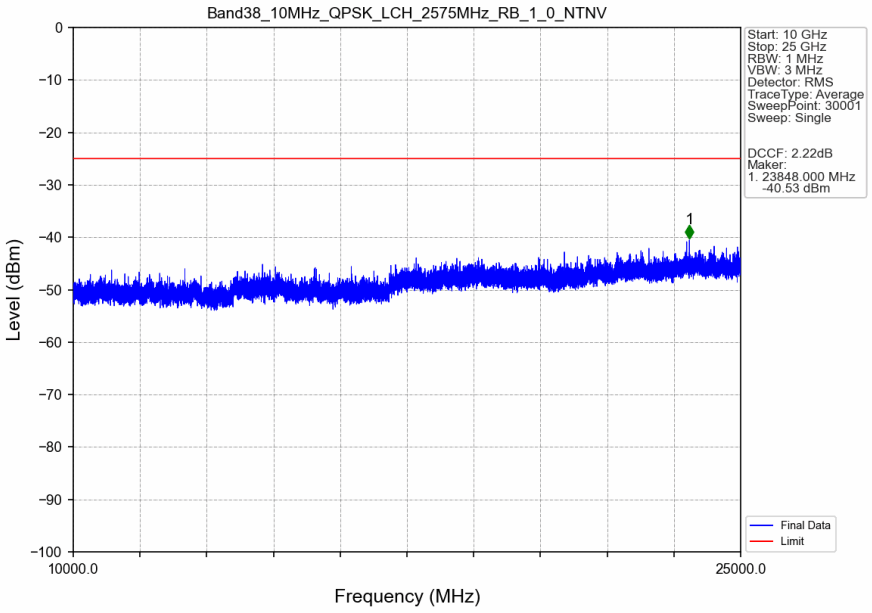


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.080	-53.39	-25	Pass
2490.5	2496	1	CHP	2	2494.015	-53.41	-13	Pass
2496	2560.118	1	CHP	3	2560.115	-45.31	-25	Pass
2560.118	2565	1	CHP	4	2562.150	-38.89	-13	Pass
2565	2569	1	CHP	5	2568.495	-33.83	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-33.46	-10	Pass
2570	2580	0.02	CHP	/	/	/	/	/

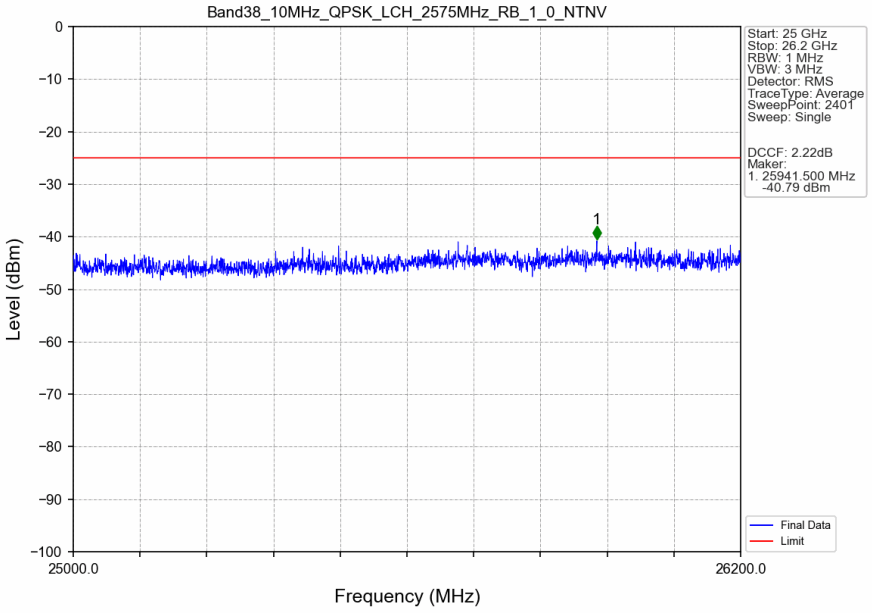
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



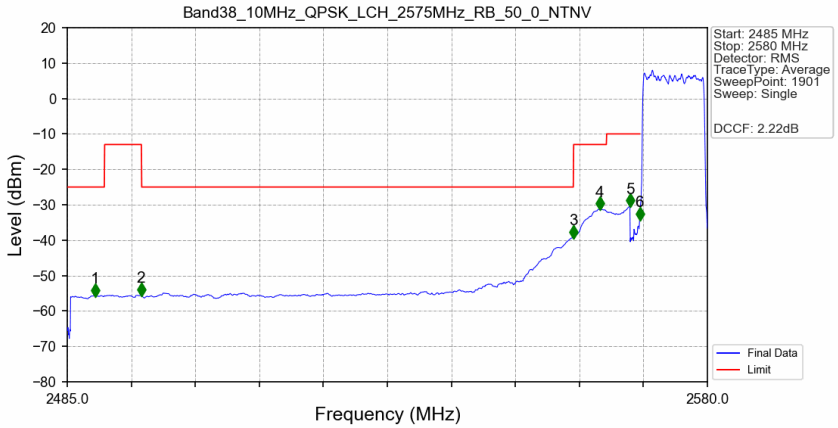
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

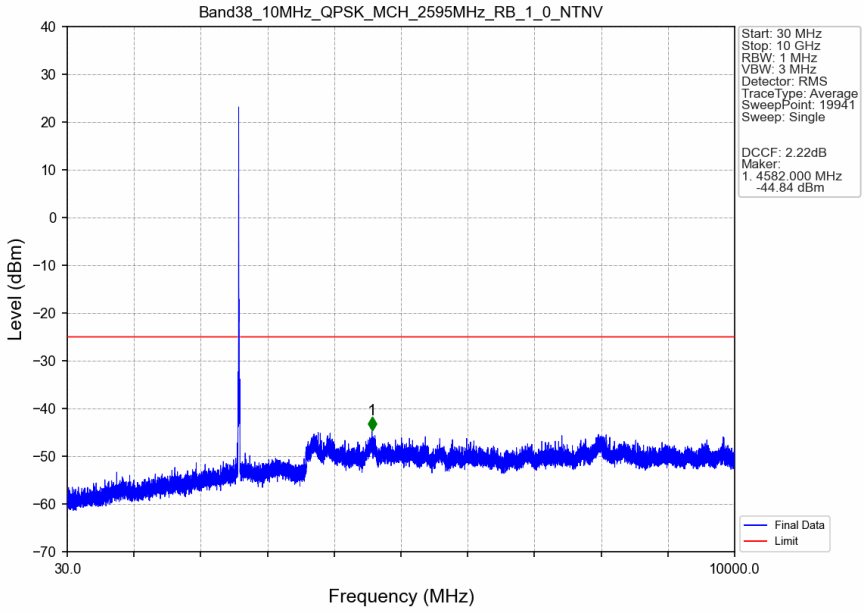


Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV

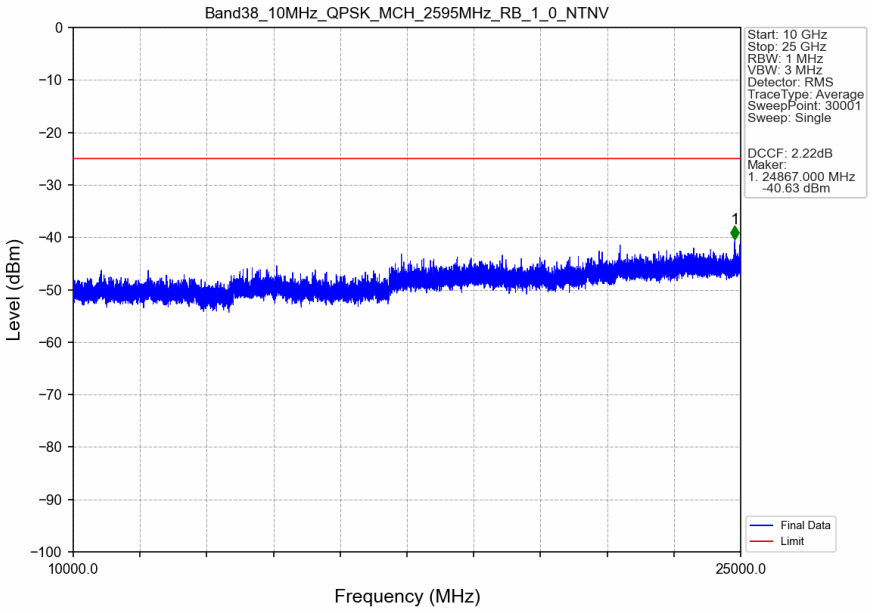


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.100	-55.62	-25	Pass
2490.5	2496	1	CHP	2	2495.950	-55.46	-13	Pass
2496	2560.118	1	CHP	3	2560.100	-39.22	-25	Pass
2560.118	2565	1	CHP	4	2564.000	-31.18	-13	Pass
2565	2569	1	CHP	5	2568.500	-30.36	-10	Pass
2569	2570	0.198	CHP	6	2569.950	-34.04	-10	Pass
2570	2580	0.198	CHP	/	/	/	/	/

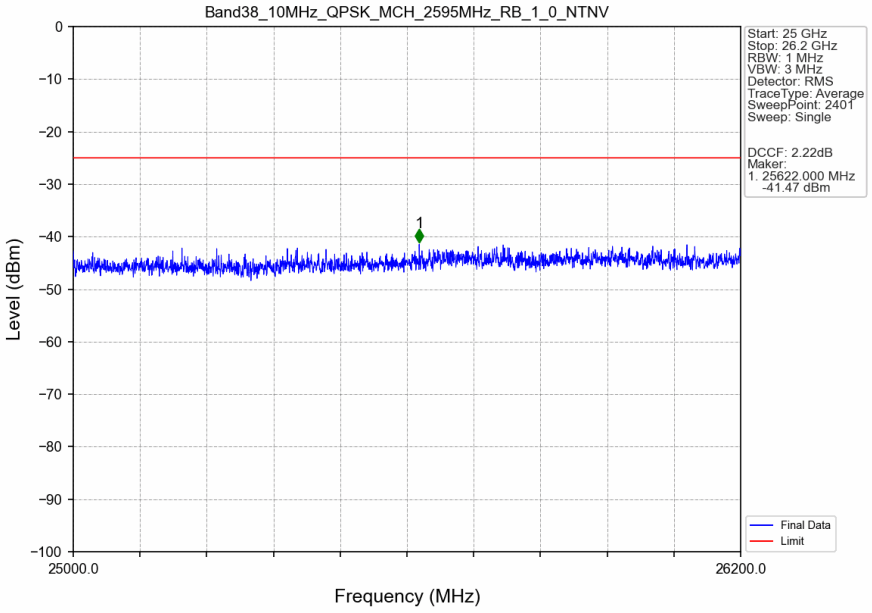
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



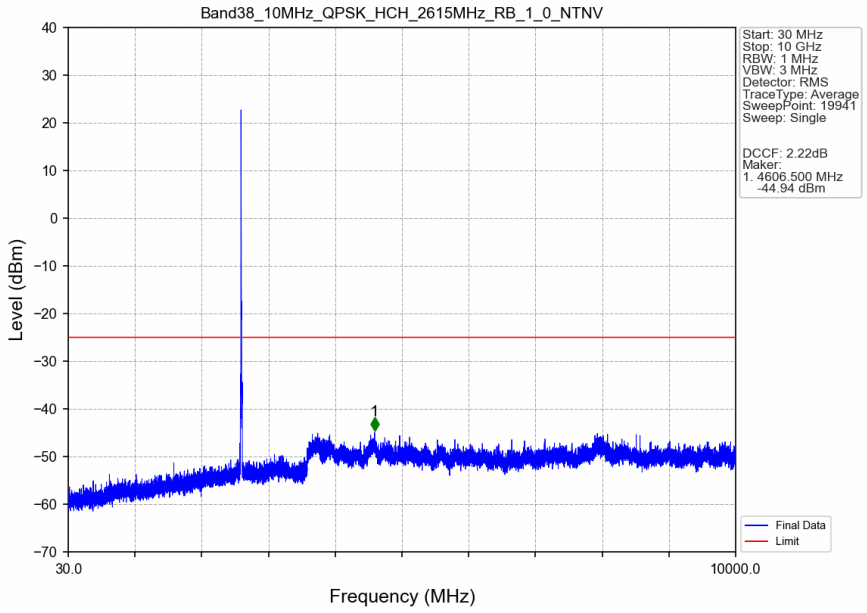
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



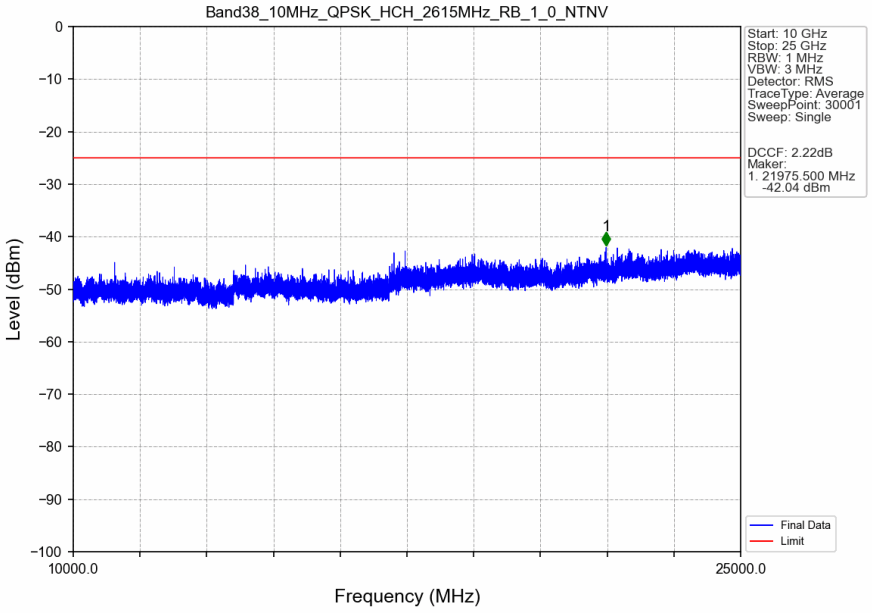
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



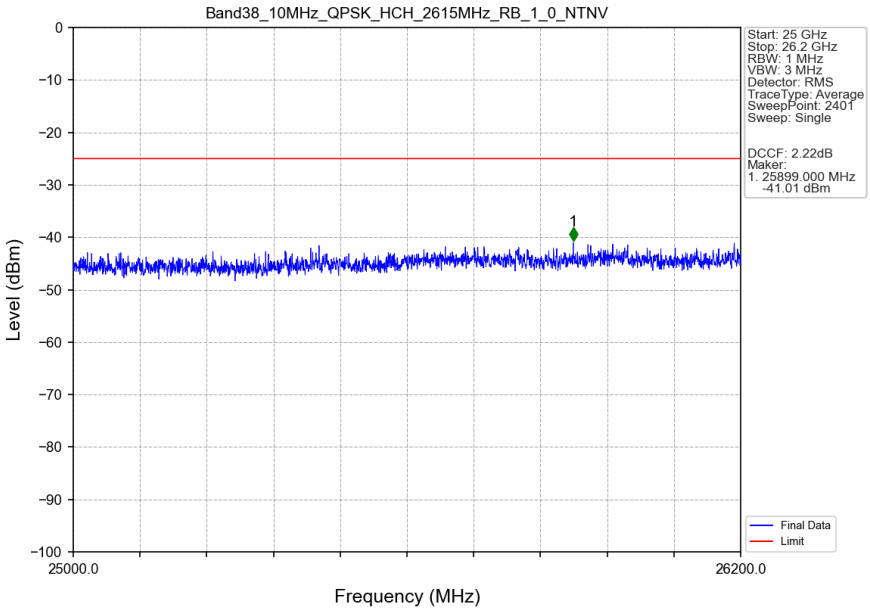
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



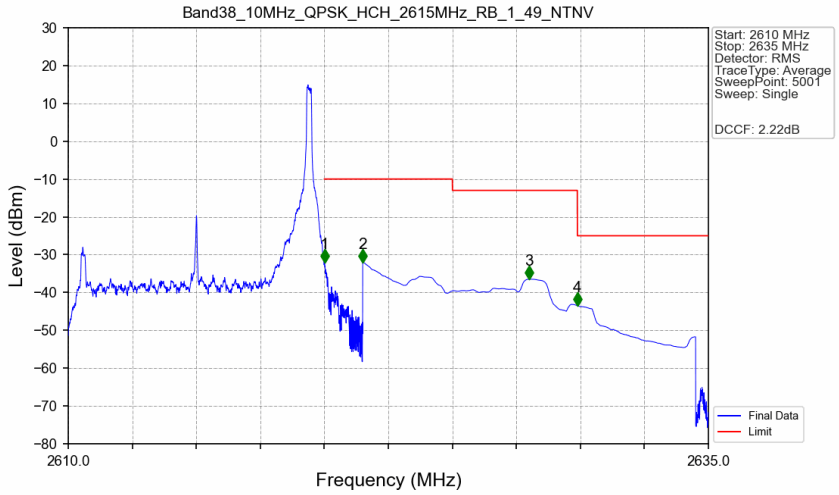
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV

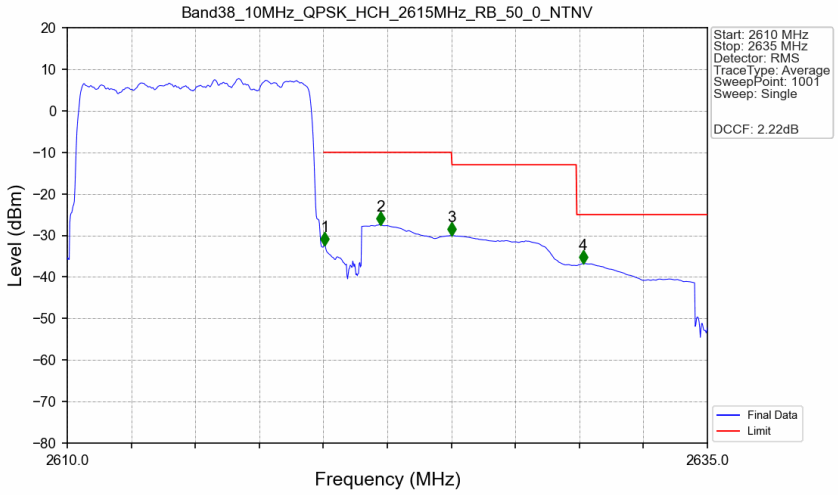


Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV



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	2620.010	-32.09	-10	Pass
2621	2625	1	CHP	2	2621.500	-32.00	-10	Pass
2625	2629.882	1	CHP	3	2628.010	-36.49	-13	Pass
2629.882	2635	1	CHP	4	2629.885	-43.48	-25	Pass

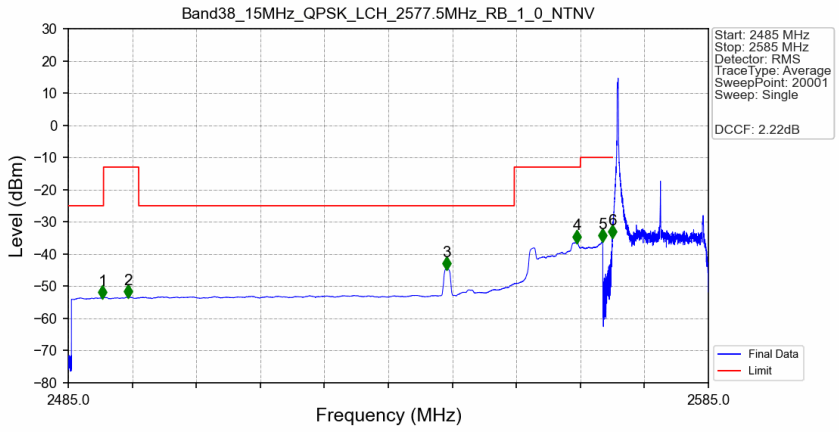
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



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	2620.050	-32.32	-10	Pass
2621	2625	1	CHP	2	2622.225	-27.41	-10	Pass
2625	2629.882	1	CHP	3	2625.025	-30.05	-13	Pass
2629.882	2635	1	CHP	4	2630.150	-36.77	-25	Pass

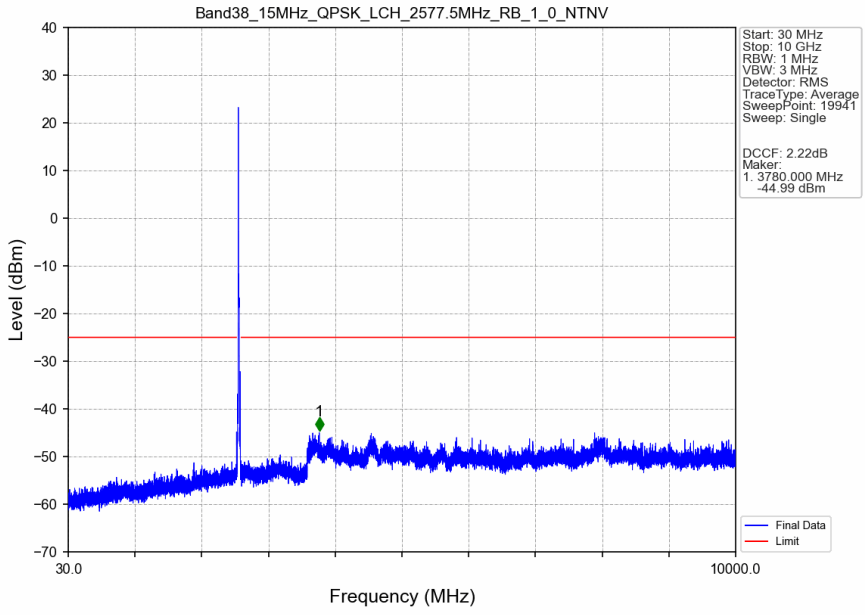
5.2.3 B38_15MHz

Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

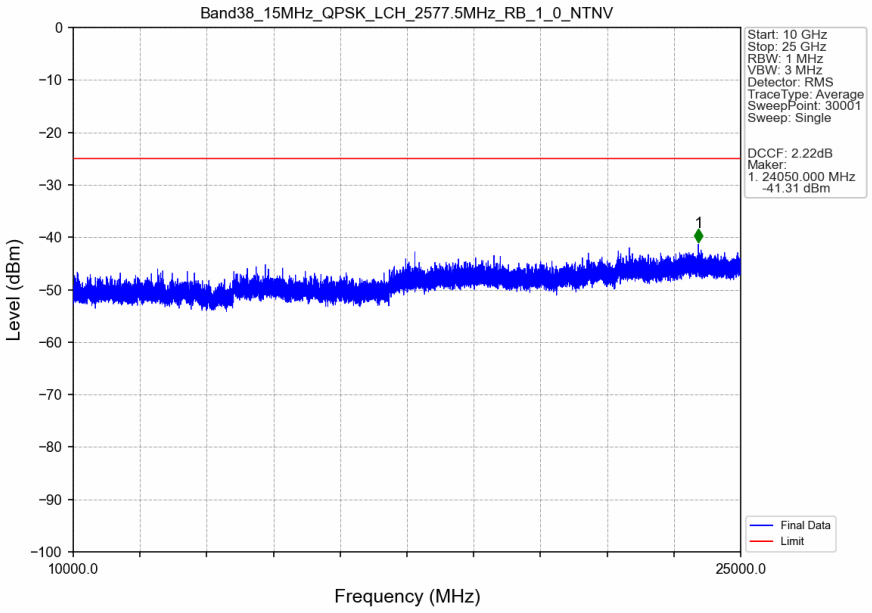


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.340	-53.51	-25	Pass
2490.5	2496	1	CHP	2	2494.395	-53.39	-13	Pass
2496	2554.666	1	CHP	3	2544.080	-44.69	-25	Pass
2554.666	2565	1	CHP	4	2564.475	-36.27	-13	Pass
2565	2569	1	CHP	5	2568.470	-35.90	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-34.73	-10	Pass
2570	2585	0.02	CHP	/	/	/	/	/

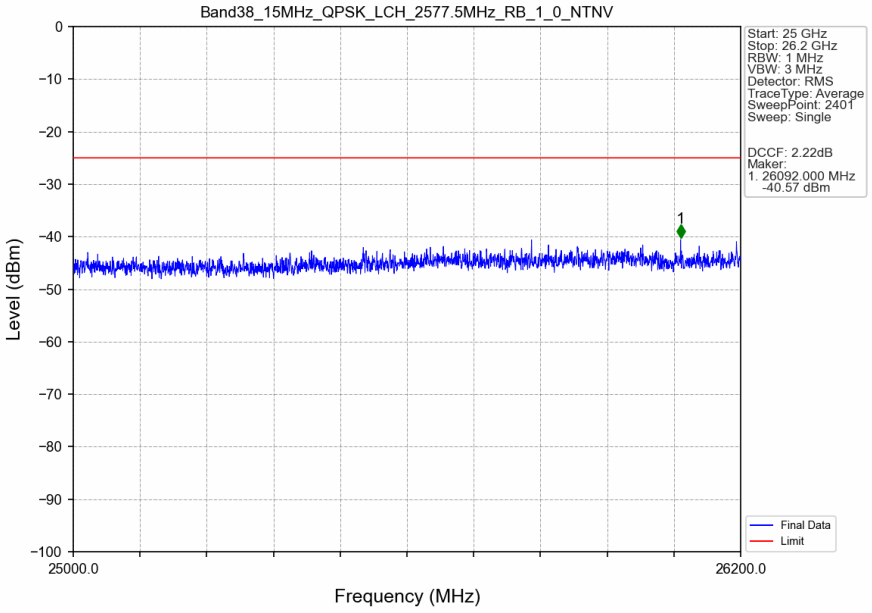
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



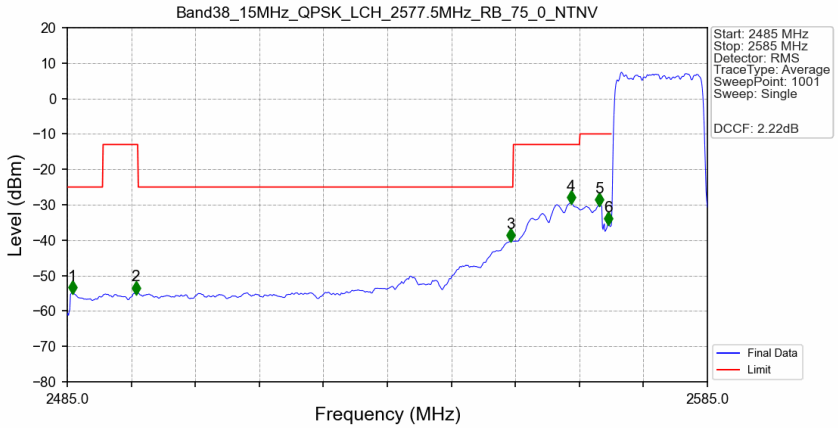
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

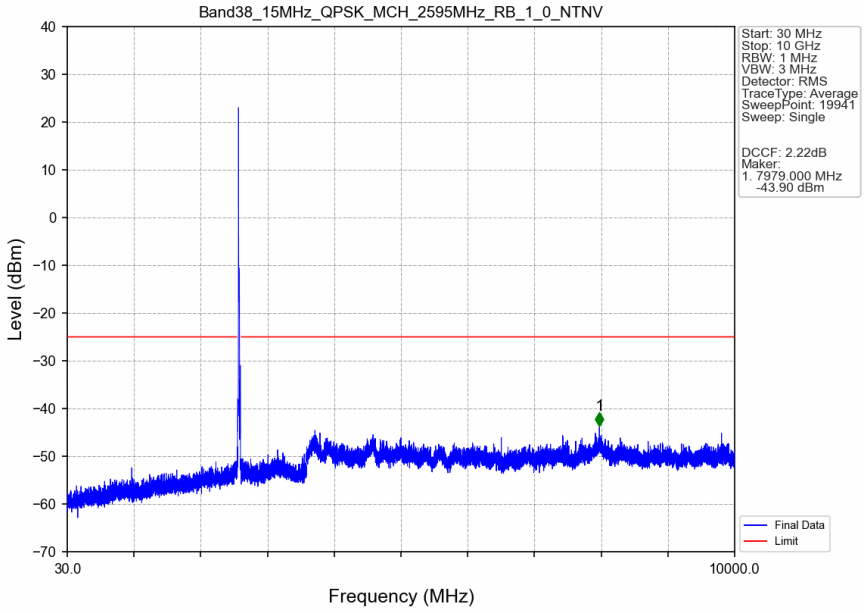


Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV

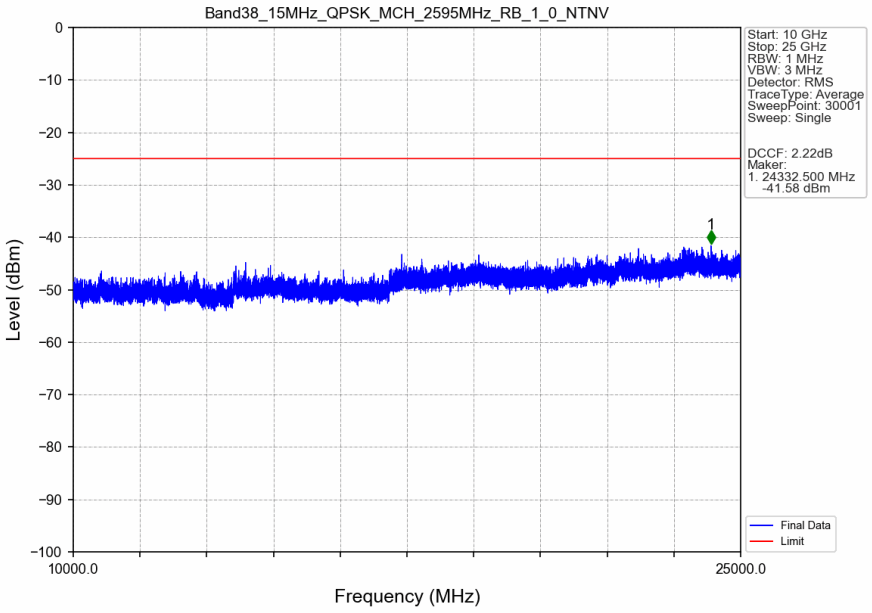


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.800	-54.86	-25	Pass
2490.5	2496	1	CHP	2	2495.700	-54.98	-13	Pass
2496	2554.666	1	CHP	3	2554.300	-40.09	-25	Pass
2554.666	2565	1	CHP	4	2563.700	-29.50	-13	Pass
2565	2569	1	CHP	5	2568.100	-30.06	-10	Pass
2569	2570	0.307	CHP	6	2569.500	-35.49	-10	Pass
2570	2585	0.307	CHP	/	/	/	/	/

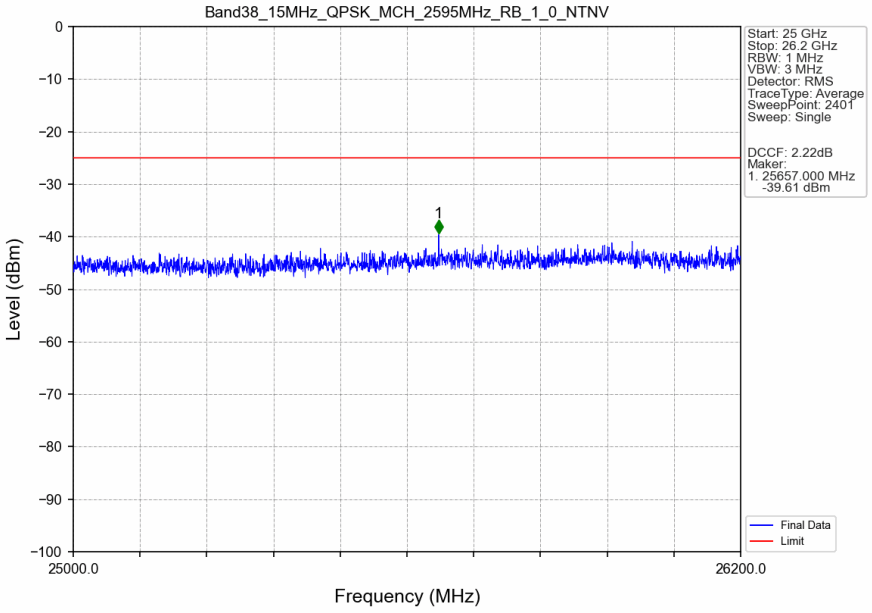
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



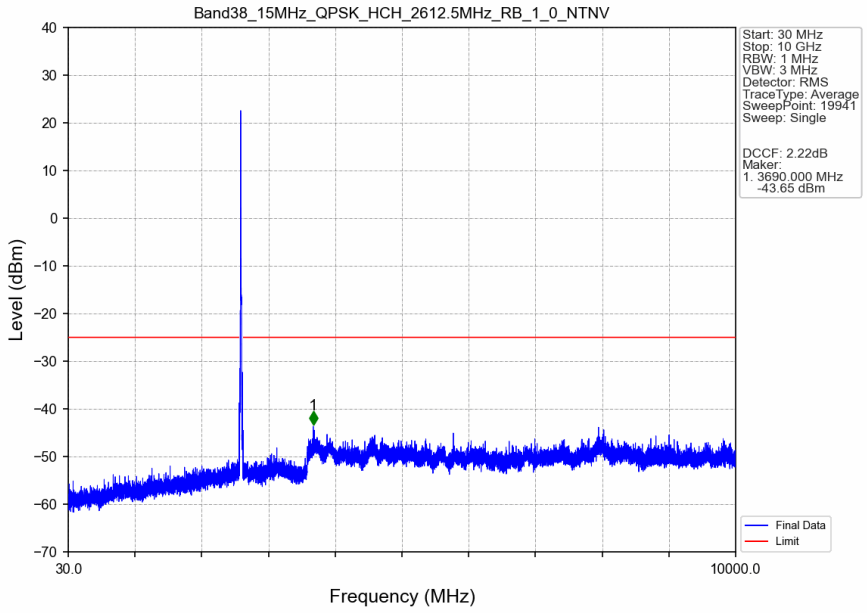
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



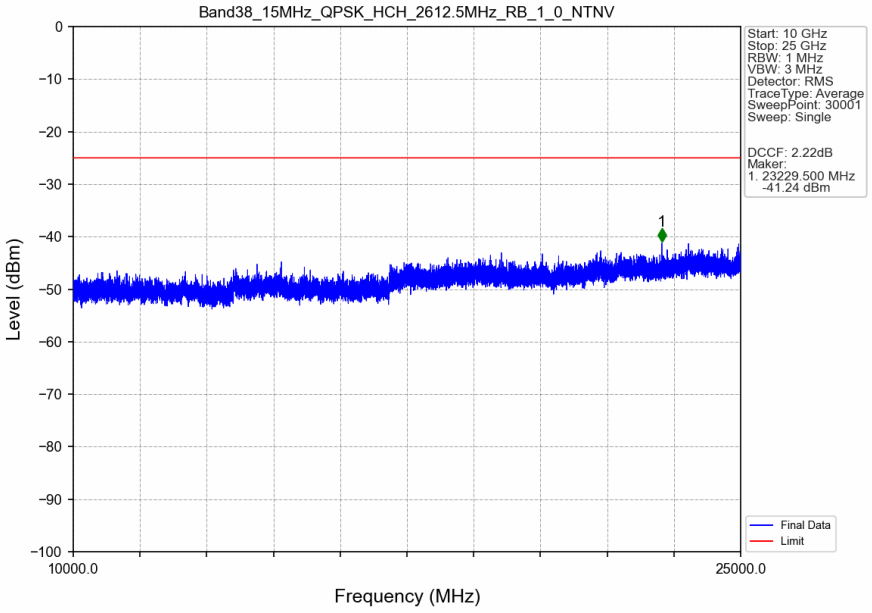
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



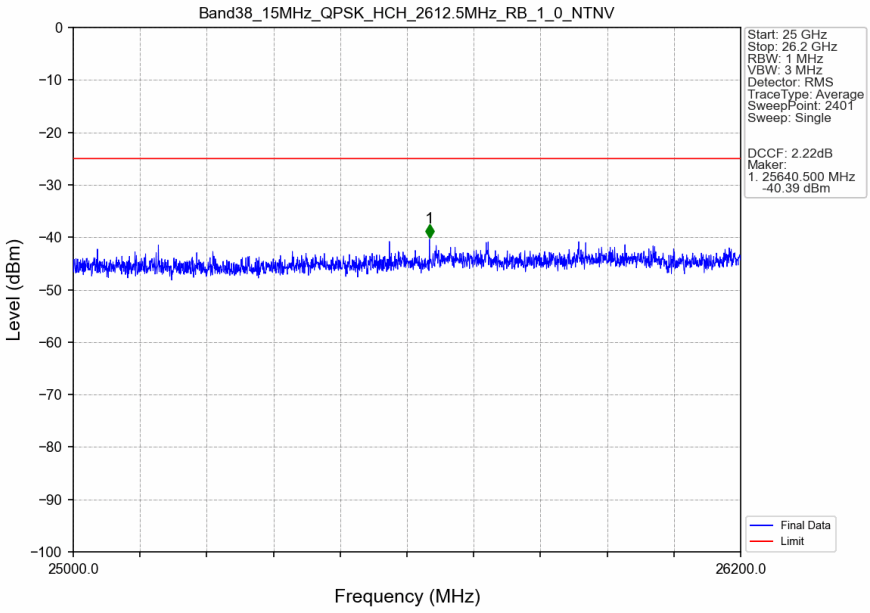
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



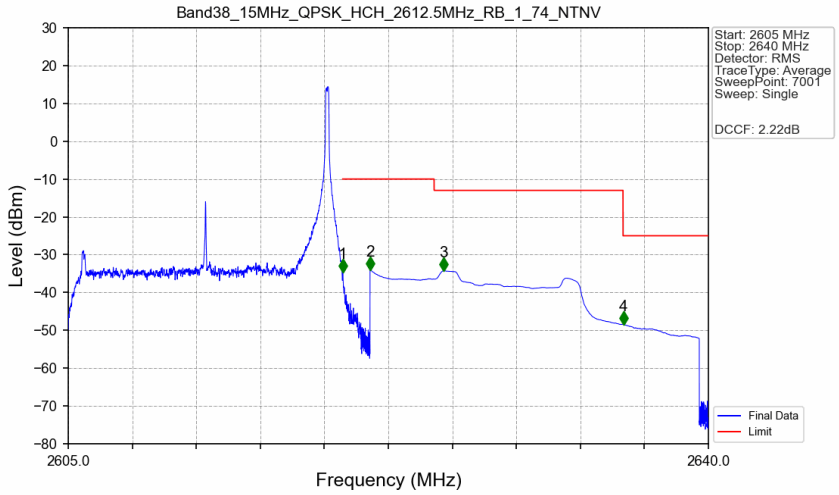
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV

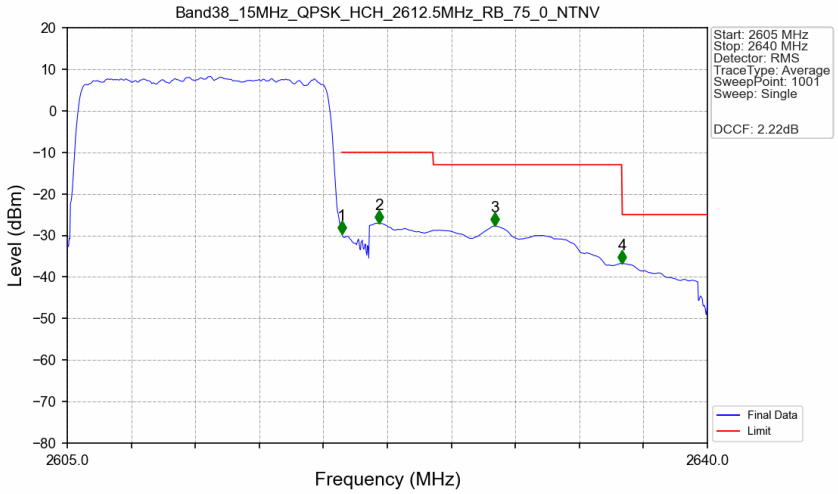


Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_74_NTNV



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	-34.70	-10	Pass
2621	2625	1	CHP	2	2621.500	-34.04	-10	Pass
2625	2635.334	1	CHP	3	2625.510	-34.22	-13	Pass
2635.334	2640	1	CHP	4	2635.350	-48.44	-25	Pass

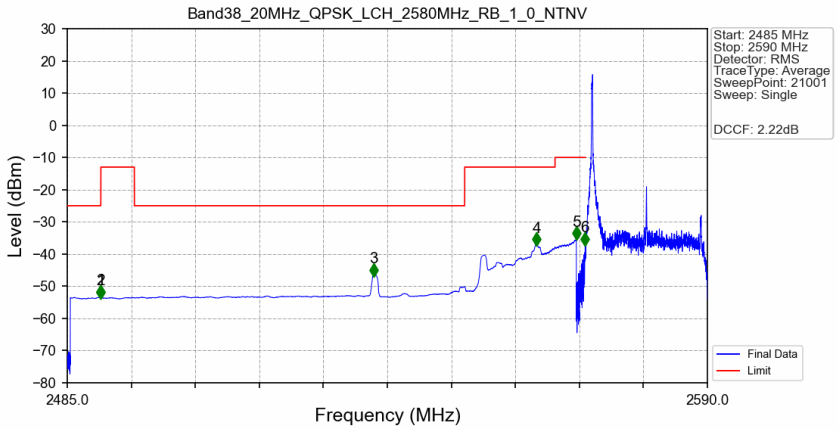
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.307	CHP	/	/	/	/	/
2620	2621	0.307	CHP	1	2620.015	-29.67	-10	Pass
2621	2625	1	CHP	2	2622.045	-27.05	-10	Pass
2625	2635.334	1	CHP	3	2628.380	-27.74	-13	Pass
2635.334	2640	1	CHP	4	2635.345	-36.72	-25	Pass

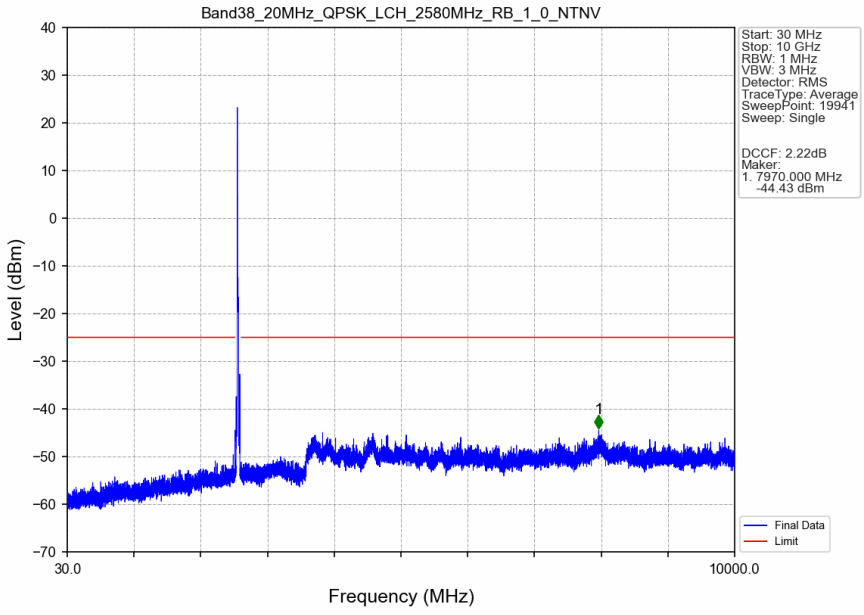
5.2.4 B38_20MHz

Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

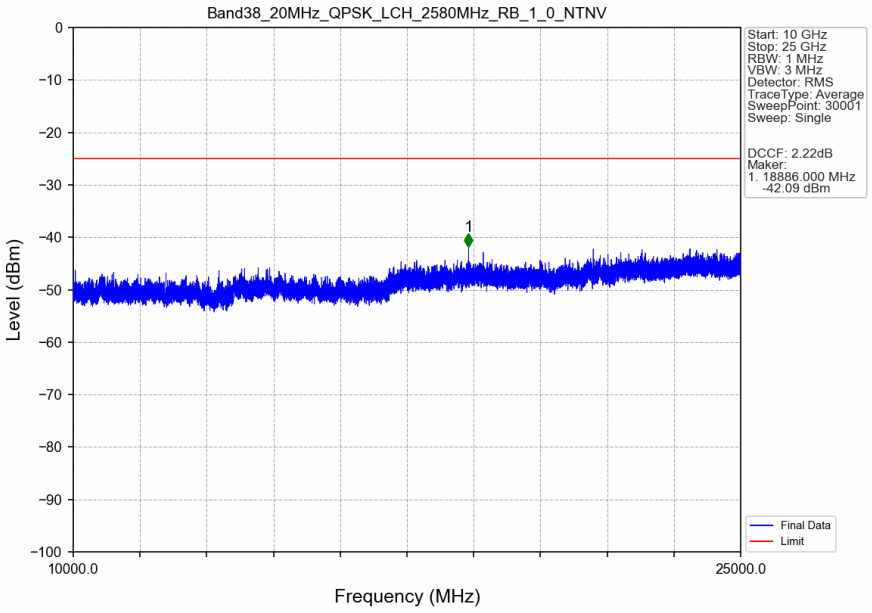


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.485	-53.46	-25	Pass
2490.5	2496	1	CHP	2	2490.505	-53.45	-13	Pass
2496	2550.183	1	CHP	3	2535.285	-46.62	-25	Pass
2550.183	2565	1	CHP	4	2562.005	-37.05	-13	Pass
2565	2569	1	CHP	5	2568.490	-35.27	-10	Pass
2569	2570	0.02	CHP	6	2569.945	-37.03	-10	Pass
2570	2590	0.02	CHP	/	/	/	/	/

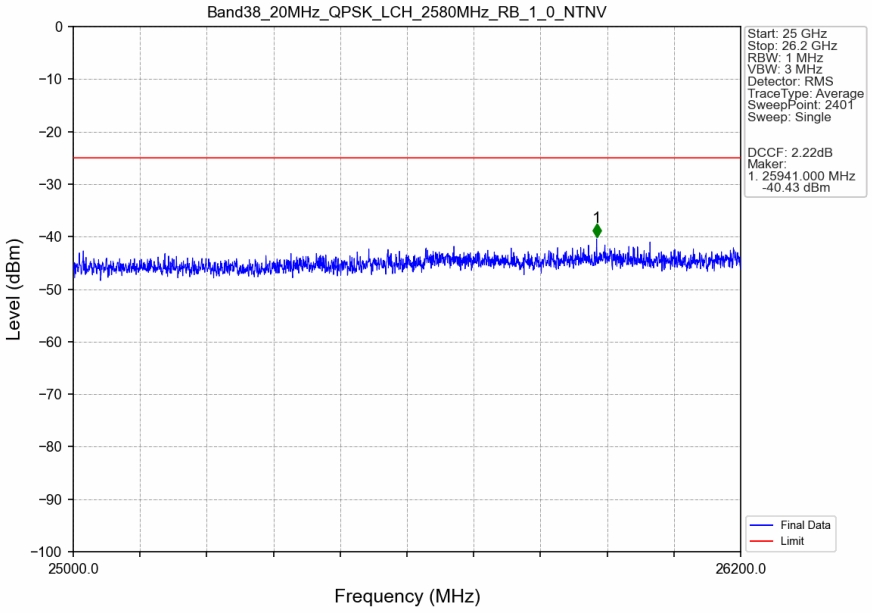
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



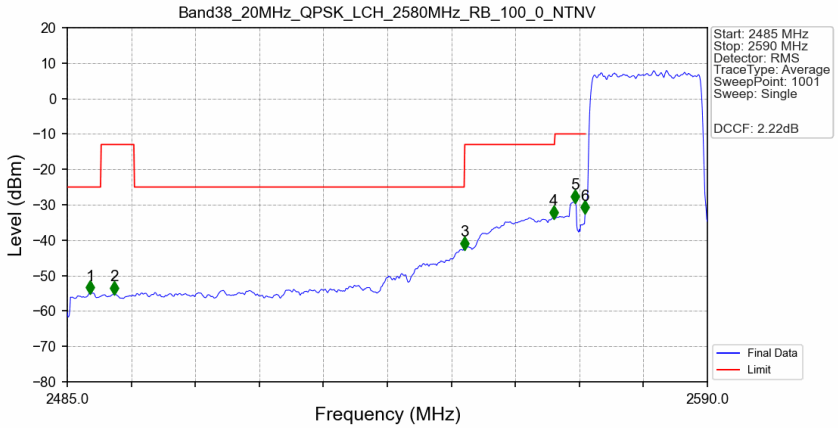
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

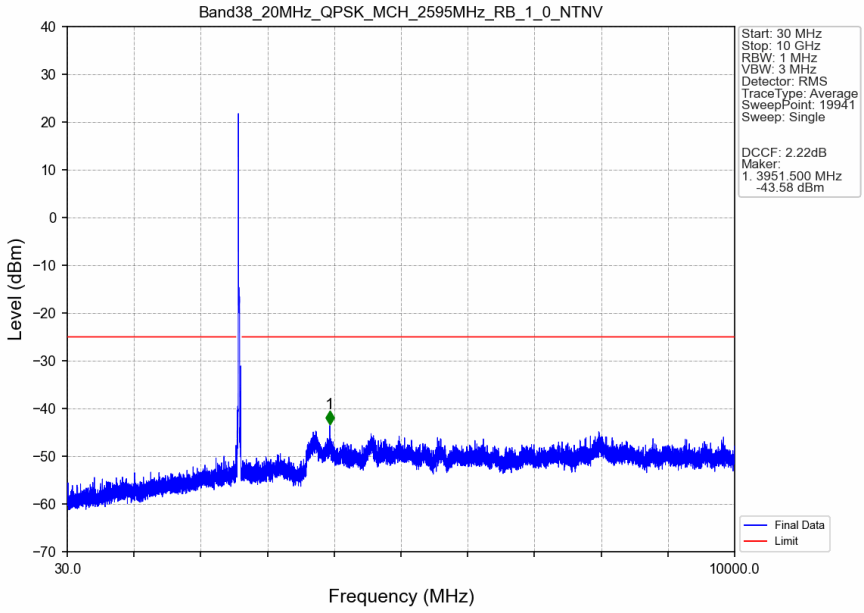


Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV

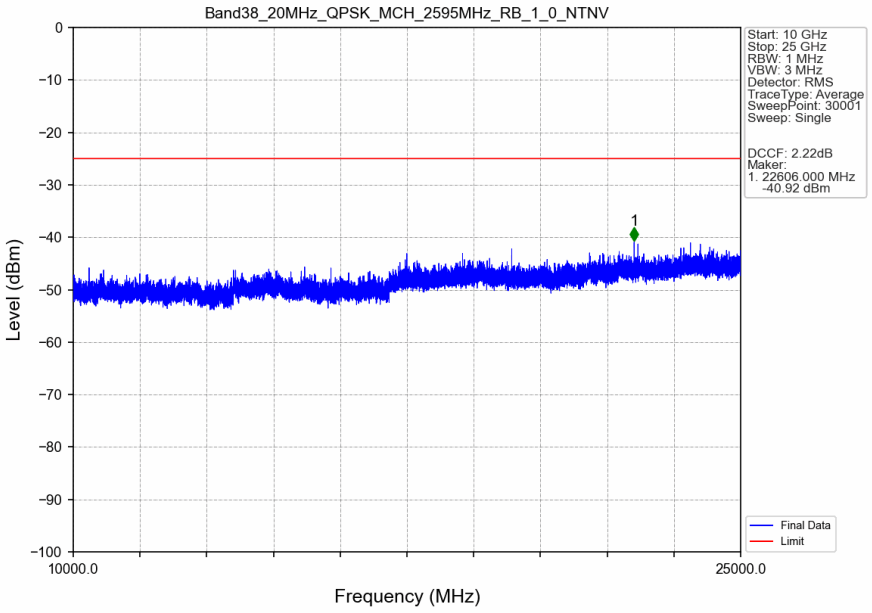


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.780	-54.94	-25	Pass
2490.5	2496	1	CHP	2	2492.665	-55.02	-13	Pass
2496	2550.183	1	CHP	3	2550.100	-42.42	-25	Pass
2550.183	2565	1	CHP	4	2564.800	-33.62	-13	Pass
2565	2569	1	CHP	5	2568.265	-29.15	-10	Pass
2569	2570	0.396	CHP	6	2569.945	-32.18	-10	Pass
2570	2590	0.396	CHP	/	/	/	/	/

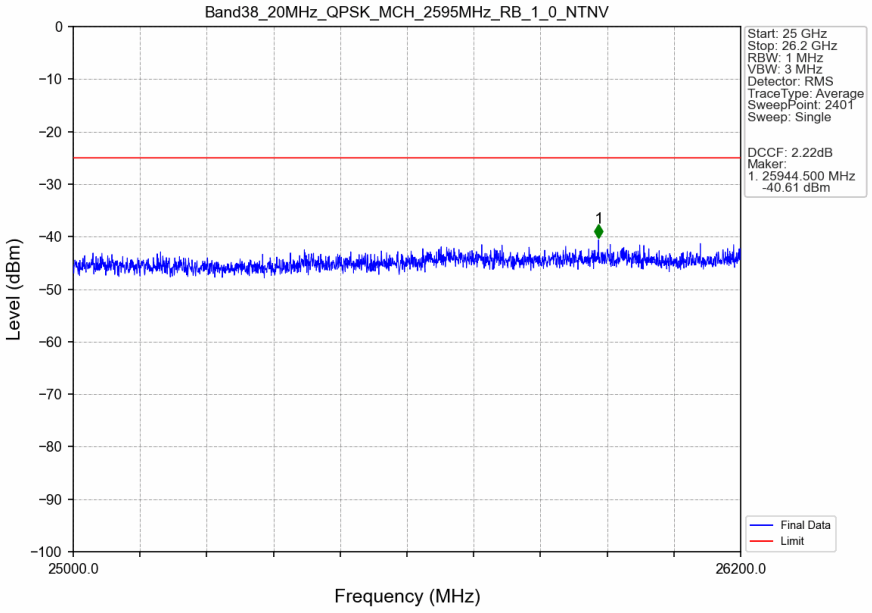
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



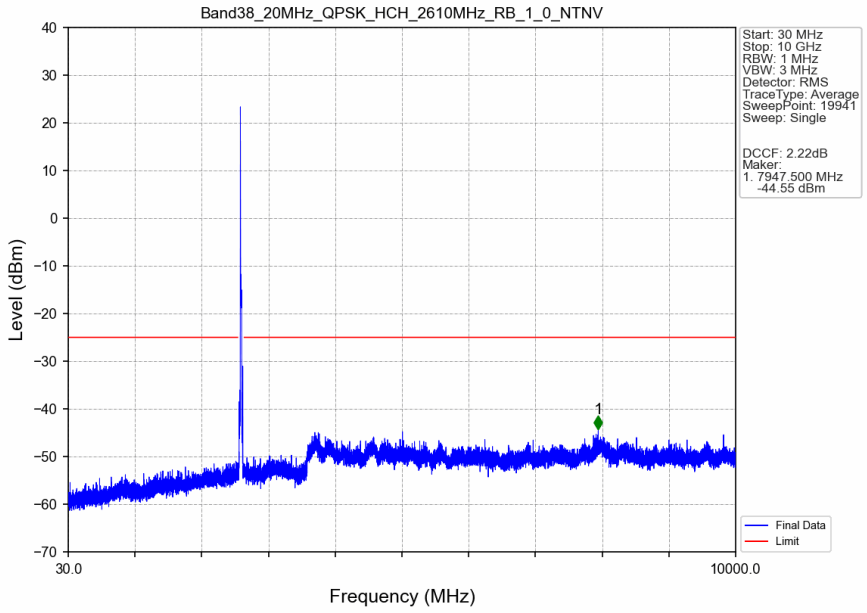
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



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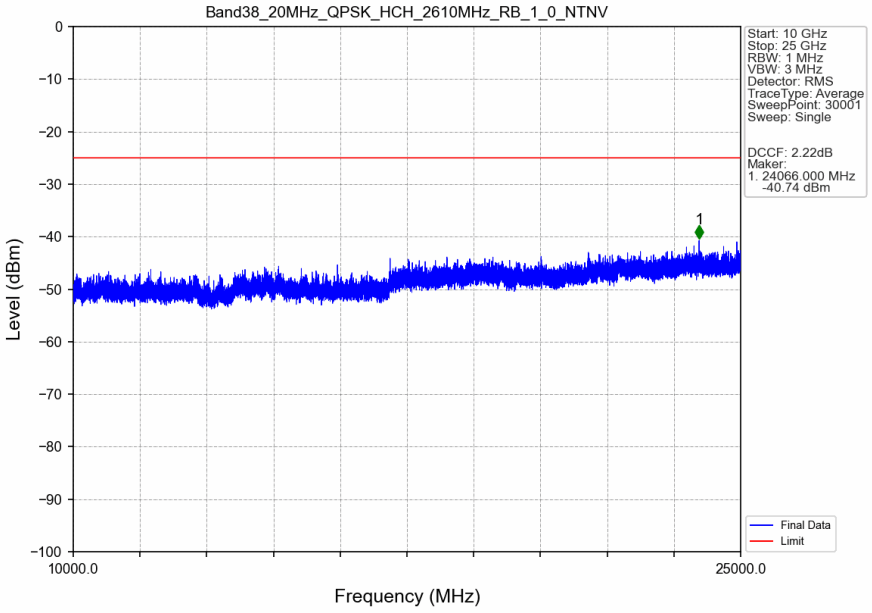
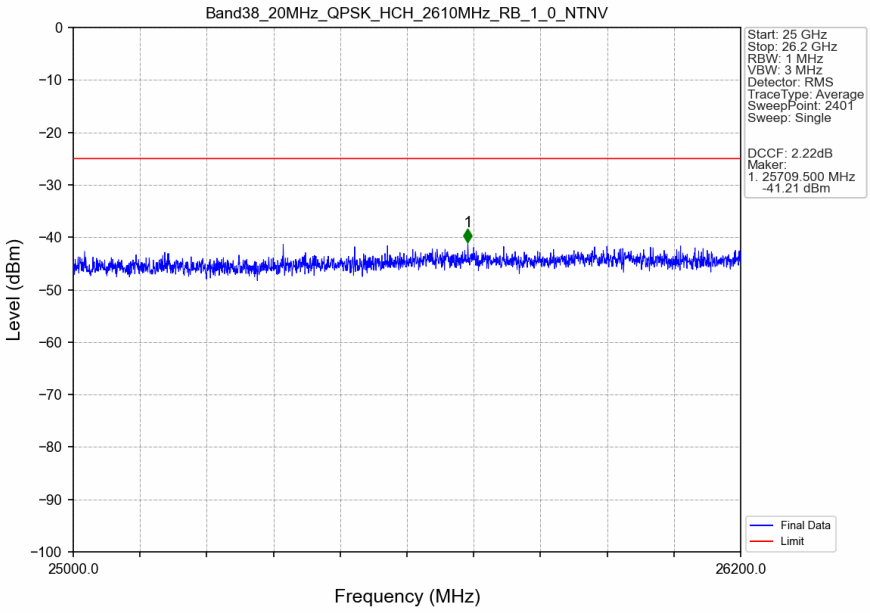
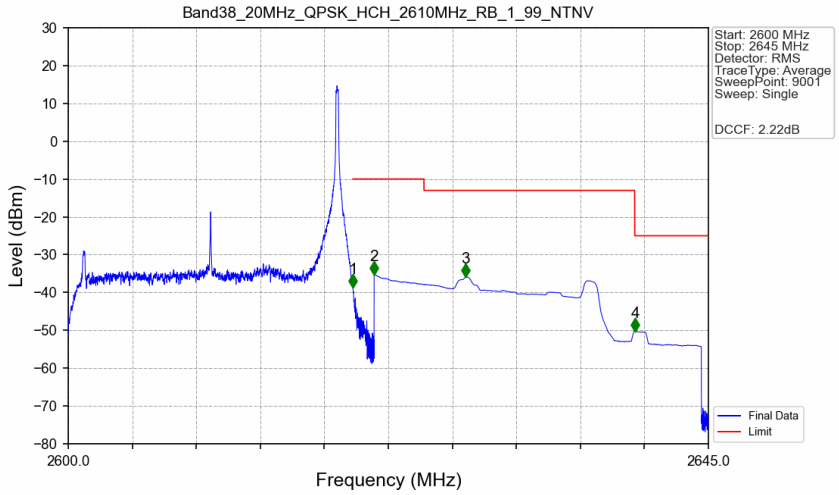


Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV

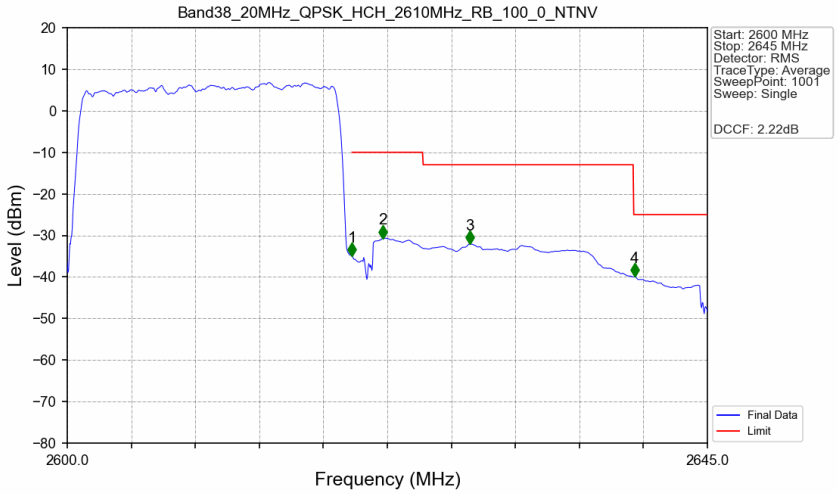


Band38_20MHz_QPSK_HCH_2610MHz_RB_1_99_NTNV



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	-38.57	-10	Pass
2621	2625	1	CHP	2	2621.500	-35.25	-10	Pass
2625	2639.817	1	CHP	3	2627.950	-35.88	-13	Pass
2639.817	2645	1	CHP	4	2639.845	-50.29	-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	0.396	CHP	/	/	/	/	/
2620	2621	0.396	CHP	1	2620.025	-34.88	-10	Pass
2621	2625	1	CHP	2	2622.185	-30.67	-10	Pass
2625	2639.817	1	CHP	3	2628.305	-32.09	-13	Pass
2639.817	2645	1	CHP	4	2639.870	-39.92	-25	Pass