

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	23.40	-1.78	21.62	<=33.01	Pass
			13	23.45	-1.78	21.67	<=33.01	Pass
			24	23.26	-1.78	21.48	<=33.01	Pass
		12	0	22.34	-1.78	20.56	<=33.01	Pass
			6	22.35	-1.78	20.57	<=33.01	Pass
			13	22.36	-1.78	20.58	<=33.01	Pass
		25	0	22.35	-1.78	20.57	<=33.01	Pass
	2595	1	0	23.39	-1.78	21.61	<=33.01	Pass
			13	23.52	-1.78	21.74	<=33.01	Pass
			24	23.46	-1.78	21.68	<=33.01	Pass
		12	0	22.44	-1.78	20.66	<=33.01	Pass
			6	22.51	-1.78	20.73	<=33.01	Pass
			13	22.42	-1.78	20.64	<=33.01	Pass
		25	0	22.42	-1.78	20.64	<=33.01	Pass
	2617.5	1	0	23.60	-1.78	21.82	<=33.01	Pass
			13	23.71	-1.78	21.93	<=33.01	Pass
			24	23.51	-1.78	21.73	<=33.01	Pass
		12	0	22.63	-1.78	20.85	<=33.01	Pass
			6	22.62	-1.78	20.84	<=33.01	Pass
			13	22.59	-1.78	20.81	<=33.01	Pass
		25	0	22.60	-1.78	20.82	<=33.01	Pass
16QAM	2572.5	1	0	22.59	-1.78	20.81	<=33.01	Pass
			13	22.71	-1.78	20.93	<=33.01	Pass
			24	22.39	-1.78	20.61	<=33.01	Pass
		12	0	21.29	-1.78	19.51	<=33.01	Pass
			6	21.31	-1.78	19.53	<=33.01	Pass
			13	21.26	-1.78	19.48	<=33.01	Pass
		25	0	21.36	-1.78	19.58	<=33.01	Pass
	2595	1	0	22.12	-1.78	20.34	<=33.01	Pass
			13	22.63	-1.78	20.85	<=33.01	Pass
			24	22.44	-1.78	20.66	<=33.01	Pass
		12	0	21.42	-1.78	19.64	<=33.01	Pass
			6	21.43	-1.78	19.65	<=33.01	Pass
			13	21.44	-1.78	19.66	<=33.01	Pass
		25	0	21.45	-1.78	19.67	<=33.01	Pass
	2617.5	1	0	22.87	-1.78	21.09	<=33.01	Pass
			13	22.71	-1.78	20.93	<=33.01	Pass
			24	22.54	-1.78	20.76	<=33.01	Pass
		12	0	21.54	-1.78	19.76	<=33.01	Pass
			6	21.54	-1.78	19.76	<=33.01	Pass
			13	21.50	-1.78	19.72	<=33.01	Pass
		25	0	21.50	-1.78	19.72	<=33.01	Pass
64QAM	2572.5	1	0	21.27	-1.78	19.49	<=33.01	Pass
			13	21.18	-1.78	19.40	<=33.01	Pass
			24	21.28	-1.78	19.50	<=33.01	Pass
		12	0	20.39	-1.78	18.61	<=33.01	Pass
			6	20.41	-1.78	18.63	<=33.01	Pass
			13	20.38	-1.78	18.60	<=33.01	Pass
		25	0	20.30	-1.78	18.52	<=33.01	Pass

	2595	1	0	21.41	-1.78	19.63	<=33.01	Pass	
			13	21.44	-1.78	19.66	<=33.01	Pass	
			24	21.44	-1.78	19.66	<=33.01	Pass	
		12	0	20.34	-1.78	18.56	<=33.01	Pass	
			6	20.41	-1.78	18.63	<=33.01	Pass	
			13	20.34	-1.78	18.56	<=33.01	Pass	
		25	0	20.50	-1.78	18.72	<=33.01	Pass	
		2617.5	1	0	21.26	-1.78	19.48	<=33.01	Pass
				13	21.75	-1.78	19.97	<=33.01	Pass
	24			21.15	-1.78	19.37	<=33.01	Pass	
	12		0	20.70	-1.78	18.92	<=33.01	Pass	
			6	20.63	-1.78	18.85	<=33.01	Pass	
			13	20.58	-1.78	18.80	<=33.01	Pass	
	25	0	20.66	-1.78	18.88	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B38_10MHz_EIRP

Band: 38 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2575	1	0	23.46	-1.78	21.68	<=33.01	Pass
			25	23.42	-1.78	21.64	<=33.01	Pass
			49	23.45	-1.78	21.67	<=33.01	Pass
		25	0	22.38	-1.78	20.60	<=33.01	Pass
			13	22.39	-1.78	20.61	<=33.01	Pass
			25	22.38	-1.78	20.60	<=33.01	Pass
		50	0	22.38	-1.78	20.60	<=33.01	Pass
	2595	1	0	23.51	-1.78	21.73	<=33.01	Pass
			25	23.63	-1.78	21.85	<=33.01	Pass
			49	23.56	-1.78	21.78	<=33.01	Pass
		25	0	22.47	-1.78	20.69	<=33.01	Pass
			13	22.46	-1.78	20.68	<=33.01	Pass
			25	22.47	-1.78	20.69	<=33.01	Pass
		50	0	22.45	-1.78	20.67	<=33.01	Pass
	2615	1	0	23.77	-1.78	21.99	<=33.01	Pass
			25	23.74	-1.78	21.96	<=33.01	Pass
			49	23.62	-1.78	21.84	<=33.01	Pass
		25	0	22.70	-1.78	20.92	<=33.01	Pass
			13	22.68	-1.78	20.90	<=33.01	Pass
			25	22.55	-1.78	20.77	<=33.01	Pass
		50	0	22.64	-1.78	20.86	<=33.01	Pass
16QAM	2575	1	0	22.51	-1.78	20.73	<=33.01	Pass
			25	22.24	-1.78	20.46	<=33.01	Pass
			49	22.37	-1.78	20.59	<=33.01	Pass
		25	0	21.43	-1.78	19.65	<=33.01	Pass
			13	21.46	-1.78	19.68	<=33.01	Pass
			25	21.36	-1.78	19.58	<=33.01	Pass
		50	0	21.40	-1.78	19.62	<=33.01	Pass
	2595	1	0	22.26	-1.78	20.48	<=33.01	Pass
			25	22.33	-1.78	20.55	<=33.01	Pass
			49	22.32	-1.78	20.54	<=33.01	Pass
		25	0	21.43	-1.78	19.65	<=33.01	Pass
			13	21.50	-1.78	19.72	<=33.01	Pass
			25	21.49	-1.78	19.71	<=33.01	Pass
		50	0	21.42	-1.78	19.64	<=33.01	Pass
	2615	1	0	22.62	-1.78	20.84	<=33.01	Pass

			25	22.38	-1.78	20.60	<=33.01	Pass		
			49	22.26	-1.78	20.48	<=33.01	Pass		
		25	0	21.68	-1.78	19.90	<=33.01	Pass		
			13	21.63	-1.78	19.85	<=33.01	Pass		
			25	21.52	-1.78	19.74	<=33.01	Pass		
		50	0	21.58	-1.78	19.80	<=33.01	Pass		
64QAM	2575	1	0	20.95	-1.78	19.17	<=33.01	Pass		
			25	21.74	-1.78	19.96	<=33.01	Pass		
			49	21.55	-1.78	19.77	<=33.01	Pass		
		25	0	20.39	-1.78	18.61	<=33.01	Pass		
			13	20.43	-1.78	18.65	<=33.01	Pass		
			25	20.41	-1.78	18.63	<=33.01	Pass		
		50	0	20.47	-1.78	18.69	<=33.01	Pass		
		2595	1	0	21.57	-1.78	19.79	<=33.01	Pass	
				25	21.76	-1.78	19.98	<=33.01	Pass	
	49			21.74	-1.78	19.96	<=33.01	Pass		
	25		0	20.41	-1.78	18.63	<=33.01	Pass		
			13	20.40	-1.78	18.62	<=33.01	Pass		
			25	20.40	-1.78	18.62	<=33.01	Pass		
	50		0	20.44	-1.78	18.66	<=33.01	Pass		
	2615		1	0	21.56	-1.78	19.78	<=33.01	Pass	
				25	21.76	-1.78	19.98	<=33.01	Pass	
		49		21.65	-1.78	19.87	<=33.01	Pass		
		25	0	20.70	-1.78	18.92	<=33.01	Pass		
			13	20.70	-1.78	18.92	<=33.01	Pass		
			25	20.55	-1.78	18.77	<=33.01	Pass		
		50	0	20.61	-1.78	18.83	<=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	23.37	-1.78	21.59	<=33.01	Pass
			38	23.53	-1.78	21.75	<=33.01	Pass
			74	23.45	-1.78	21.67	<=33.01	Pass
		36	0	22.44	-1.78	20.66	<=33.01	Pass
			18	22.53	-1.78	20.75	<=33.01	Pass
			39	22.47	-1.78	20.69	<=33.01	Pass
		75	0	22.48	-1.78	20.70	<=33.01	Pass
	2595	1	0	23.48	-1.78	21.70	<=33.01	Pass
			38	23.65	-1.78	21.87	<=33.01	Pass
			74	23.53	-1.78	21.75	<=33.01	Pass
		36	0	22.48	-1.78	20.70	<=33.01	Pass
			18	22.58	-1.78	20.80	<=33.01	Pass
			39	22.50	-1.78	20.72	<=33.01	Pass
		75	0	22.53	-1.78	20.75	<=33.01	Pass
	2612.5	1	0	23.59	-1.78	21.81	<=33.01	Pass
			38	23.86	-1.78	22.08	<=33.01	Pass
			74	23.51	-1.78	21.73	<=33.01	Pass
		36	0	22.63	-1.78	20.85	<=33.01	Pass
			18	22.73	-1.78	20.95	<=33.01	Pass
			39	22.59	-1.78	20.81	<=33.01	Pass
		75	0	22.67	-1.78	20.89	<=33.01	Pass
16QAM	2577.5	1	0	22.16	-1.78	20.38	<=33.01	Pass
			38	22.50	-1.78	20.72	<=33.01	Pass

		36	74	22.51	-1.78	20.73	<=33.01	Pass	
			0	21.42	-1.78	19.64	<=33.01	Pass	
			18	21.43	-1.78	19.65	<=33.01	Pass	
			39	21.41	-1.78	19.63	<=33.01	Pass	
		75	0	21.45	-1.78	19.67	<=33.01	Pass	
	2595	1	0	22.32	-1.78	20.54	<=33.01	Pass	
			38	22.46	-1.78	20.68	<=33.01	Pass	
			74	22.23	-1.78	20.45	<=33.01	Pass	
		36	0	21.40	-1.78	19.62	<=33.01	Pass	
			18	21.48	-1.78	19.70	<=33.01	Pass	
			39	21.48	-1.78	19.70	<=33.01	Pass	
		75	0	21.48	-1.78	19.70	<=33.01	Pass	
	2612.5	1	0	22.52	-1.78	20.74	<=33.01	Pass	
			38	22.65	-1.78	20.87	<=33.01	Pass	
			74	22.42	-1.78	20.64	<=33.01	Pass	
		36	0	21.58	-1.78	19.80	<=33.01	Pass	
			18	21.76	-1.78	19.98	<=33.01	Pass	
			39	21.56	-1.78	19.78	<=33.01	Pass	
		75	0	21.60	-1.78	19.82	<=33.01	Pass	
	64QAM	2577.5	1	0	20.89	-1.78	19.11	<=33.01	Pass
				38	21.02	-1.78	19.24	<=33.01	Pass
				74	20.86	-1.78	19.08	<=33.01	Pass
			36	0	20.33	-1.78	18.55	<=33.01	Pass
				18	20.41	-1.78	18.63	<=33.01	Pass
				39	20.40	-1.78	18.62	<=33.01	Pass
			75	0	20.36	-1.78	18.58	<=33.01	Pass
		2595	1	0	21.81	-1.78	20.03	<=33.01	Pass
38				21.76	-1.78	19.98	<=33.01	Pass	
74				21.65	-1.78	19.87	<=33.01	Pass	
36			0	20.46	-1.78	18.68	<=33.01	Pass	
			18	20.45	-1.78	18.67	<=33.01	Pass	
			39	20.48	-1.78	18.70	<=33.01	Pass	
75			0	20.42	-1.78	18.64	<=33.01	Pass	
2612.5		1	0	21.50	-1.78	19.72	<=33.01	Pass	
			38	21.36	-1.78	19.58	<=33.01	Pass	
			74	21.12	-1.78	19.34	<=33.01	Pass	
		36	0	20.63	-1.78	18.85	<=33.01	Pass	
			18	20.81	-1.78	19.03	<=33.01	Pass	
			39	20.57	-1.78	18.79	<=33.01	Pass	
		75	0	20.65	-1.78	18.87	<=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	23.33	-1.78	21.55	<=33.01	Pass
			50	23.61	-1.78	21.83	<=33.01	Pass
			99	23.36	-1.78	21.58	<=33.01	Pass
		50	0	22.41	-1.78	20.63	<=33.01	Pass
			25	22.46	-1.78	20.68	<=33.01	Pass
			50	22.39	-1.78	20.61	<=33.01	Pass
		100	0	22.40	-1.78	20.62	<=33.01	Pass
	2595	1	0	23.30	-1.78	21.52	<=33.01	Pass
			50	23.57	-1.78	21.79	<=33.01	Pass
			99	23.39	-1.78	21.61	<=33.01	Pass
		50	0	22.45	-1.78	20.67	<=33.01	Pass
			25	22.53	-1.78	20.75	<=33.01	Pass
			50	22.40	-1.78	20.62	<=33.01	Pass
		100	0	22.39	-1.78	20.61	<=33.01	Pass
	2610	1	0	23.50	-1.78	21.72	<=33.01	Pass
			50	23.72	-1.78	21.94	<=33.01	Pass
			99	23.42	-1.78	21.64	<=33.01	Pass
		50	0	22.59	-1.78	20.81	<=33.01	Pass
			25	22.69	-1.78	20.91	<=33.01	Pass
			50	22.54	-1.78	20.76	<=33.01	Pass
		100	0	22.56	-1.78	20.78	<=33.01	Pass
16QAM	2580	1	0	22.32	-1.78	20.54	<=33.01	Pass
			50	22.57	-1.78	20.79	<=33.01	Pass
			99	22.33	-1.78	20.55	<=33.01	Pass
		50	0	21.34	-1.78	19.56	<=33.01	Pass
			25	21.47	-1.78	19.69	<=33.01	Pass
			50	21.31	-1.78	19.53	<=33.01	Pass
		100	0	21.31	-1.78	19.53	<=33.01	Pass
	2595	1	0	22.09	-1.78	20.31	<=33.01	Pass
			50	22.33	-1.78	20.55	<=33.01	Pass
			99	22.60	-1.78	20.82	<=33.01	Pass
		50	0	21.42	-1.78	19.64	<=33.01	Pass
			25	21.48	-1.78	19.70	<=33.01	Pass
			50	21.41	-1.78	19.63	<=33.01	Pass
		100	0	21.38	-1.78	19.60	<=33.01	Pass
	2610	1	0	22.04	-1.78	20.26	<=33.01	Pass
			50	22.74	-1.78	20.96	<=33.01	Pass
			99	22.48	-1.78	20.70	<=33.01	Pass
		50	0	21.52	-1.78	19.74	<=33.01	Pass
			25	21.68	-1.78	19.90	<=33.01	Pass
			50	21.59	-1.78	19.81	<=33.01	Pass
		100	0	21.51	-1.78	19.73	<=33.01	Pass
64QAM	2580	1	0	21.18	-1.78	19.40	<=33.01	Pass
			50	21.93	-1.78	20.15	<=33.01	Pass
			99	21.62	-1.78	19.84	<=33.01	Pass
		50	0	20.43	-1.78	18.65	<=33.01	Pass
			25	20.45	-1.78	18.67	<=33.01	Pass
			50	20.39	-1.78	18.61	<=33.01	Pass
		100	0	20.33	-1.78	18.55	<=33.01	Pass
	2595	1	0	21.16	-1.78	19.38	<=33.01	Pass
			50	21.70	-1.78	19.92	<=33.01	Pass

		50	99	21.50	-1.78	19.72	<=33.01	Pass
			0	20.43	-1.78	18.65	<=33.01	Pass
			25	20.48	-1.78	18.70	<=33.01	Pass
			50	20.45	-1.78	18.67	<=33.01	Pass
		100	0	20.39	-1.78	18.61	<=33.01	Pass
	2610	1	0	21.60	-1.78	19.82	<=33.01	Pass
			50	21.92	-1.78	20.14	<=33.01	Pass
			99	21.62	-1.78	19.84	<=33.01	Pass
		50	0	20.62	-1.78	18.84	<=33.01	Pass
			25	20.71	-1.78	18.93	<=33.01	Pass
			50	20.58	-1.78	18.80	<=33.01	Pass
		100	0	20.65	-1.78	18.87	<=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	-5.119	-0.0020	-2.5 to 2.5	Pass
					NV	-9.933	-0.0038	-2.5 to 2.5	Pass
					HV	-8.934	-0.0034	-2.5 to 2.5	Pass
				-30	NV	-1.372	-0.0005	-2.5 to 2.5	Pass
				-20	NV	-7.772	-0.0030	-2.5 to 2.5	Pass
				-10	NV	-11.503	-0.0044	-2.5 to 2.5	Pass
				0	NV	-4.193	-0.0016	-2.5 to 2.5	Pass
				10	NV	-6.788	-0.0026	-2.5 to 2.5	Pass
				30	NV	-7.743	-0.0030	-2.5 to 2.5	Pass
				40	NV	-9.791	-0.0038	-2.5 to 2.5	Pass
				50	NV	-10.142	-0.0039	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band38_OBW

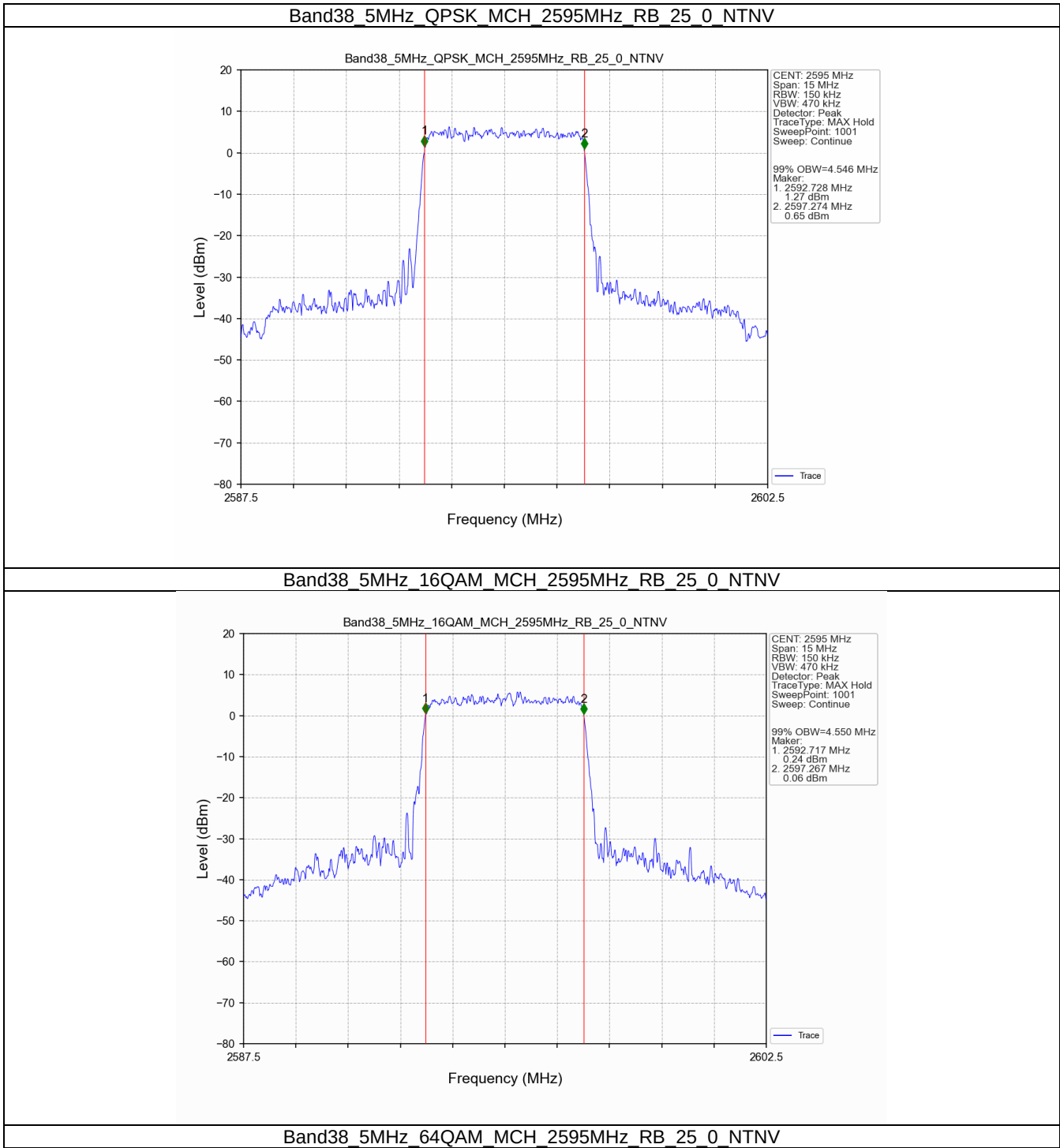
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	4.546	/	Pass
	16QAM	2595	25	0	4.550	/	Pass
	64QAM	2595	25	0	4.560	/	Pass
10	QPSK	2595	50	0	9.056	/	Pass
	16QAM	2595	50	0	9.053	/	Pass
	64QAM	2595	50	0	9.043	/	Pass
15	QPSK	2595	75	0	13.564	/	Pass
	16QAM	2595	75	0	13.596	/	Pass
	64QAM	2595	75	0	13.549	/	Pass
20	QPSK	2595	100	0	18.036	/	Pass
	16QAM	2595	100	0	18.047	/	Pass
	64QAM	2595	100	0	18.025	/	Pass

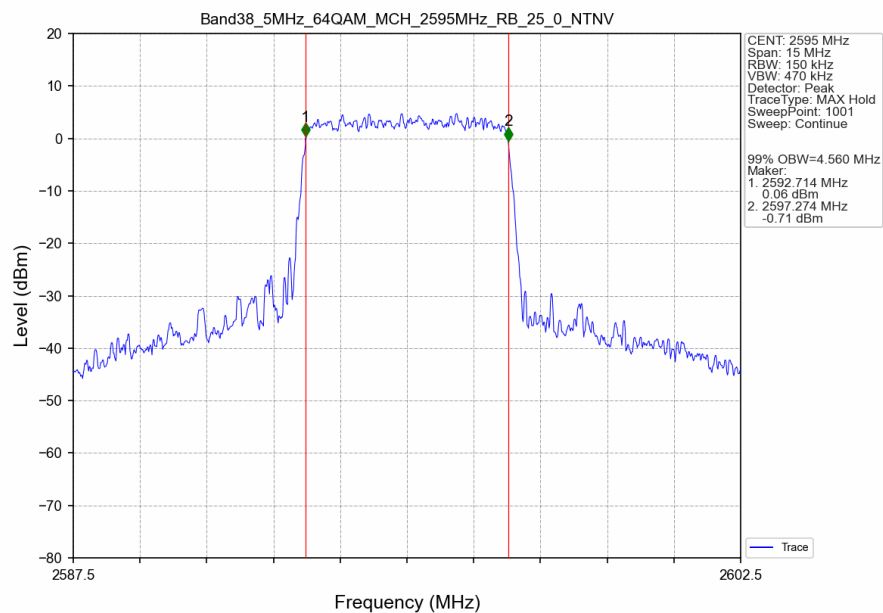
3.1.2 Band38_XDB

Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	4.967	/	Pass
	16QAM	2595	25	0	5.065	/	Pass
	64QAM	2595	25	0	4.980	/	Pass
10	QPSK	2595	50	0	9.937	/	Pass
	16QAM	2595	50	0	9.956	/	Pass
	64QAM	2595	50	0	9.864	/	Pass
15	QPSK	2595	75	0	15.017	/	Pass
	16QAM	2595	75	0	15.017	/	Pass
	64QAM	2595	75	0	14.872	/	Pass
20	QPSK	2595	100	0	19.602	/	Pass
	16QAM	2595	100	0	19.825	/	Pass
	64QAM	2595	100	0	19.757	/	Pass

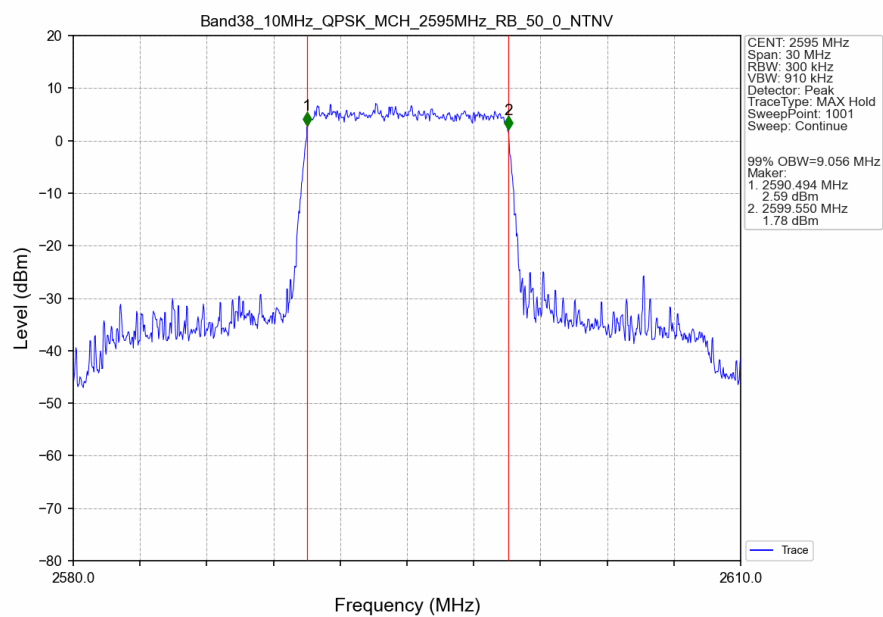
3.2 Test Graph

3.2.1 Band38_OBW

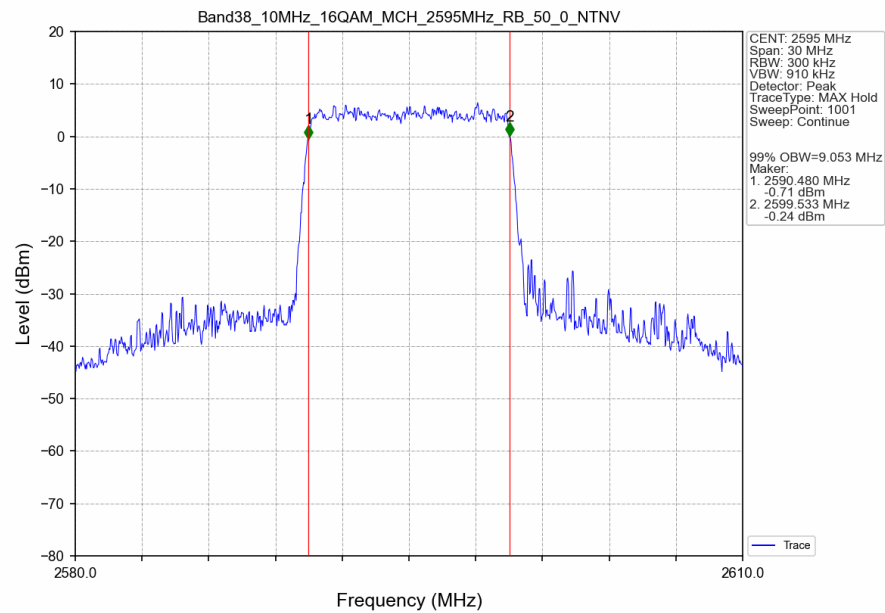




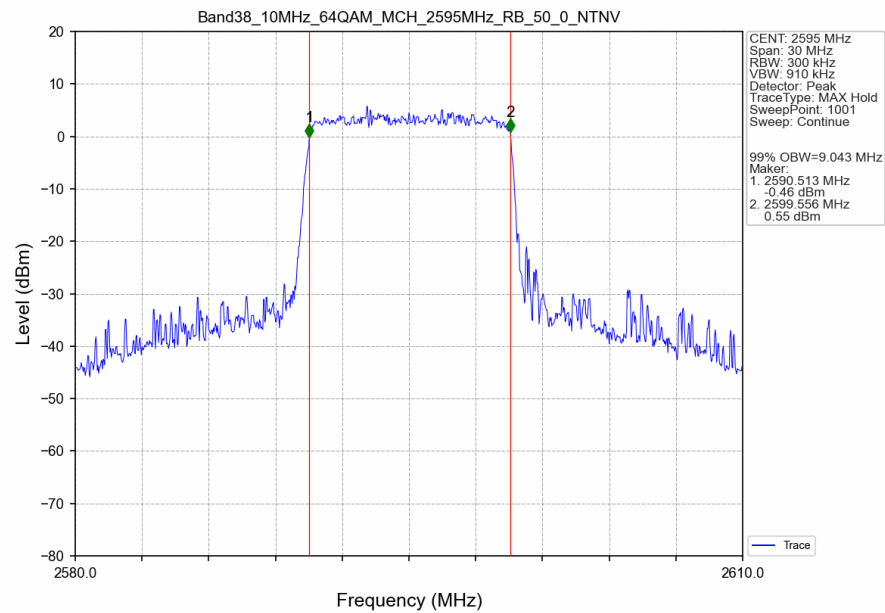
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



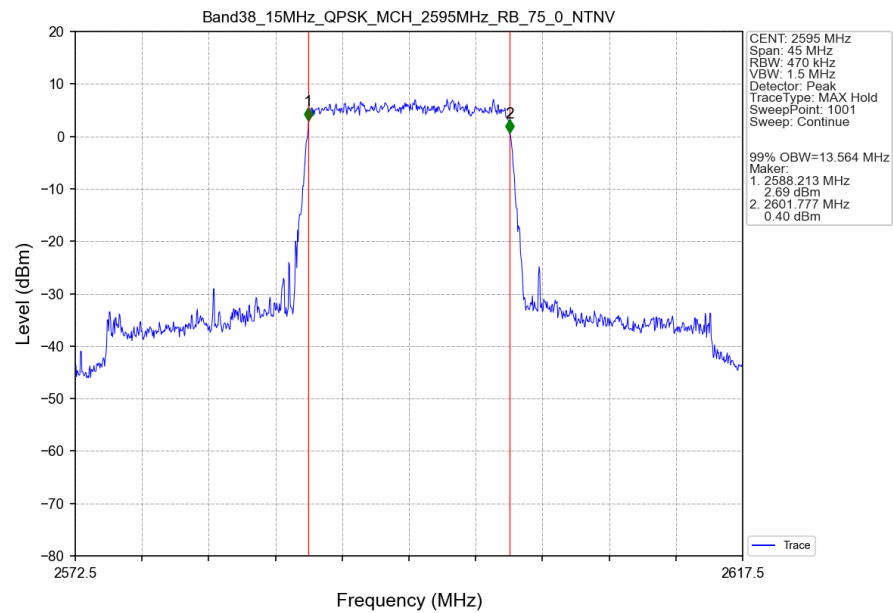
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



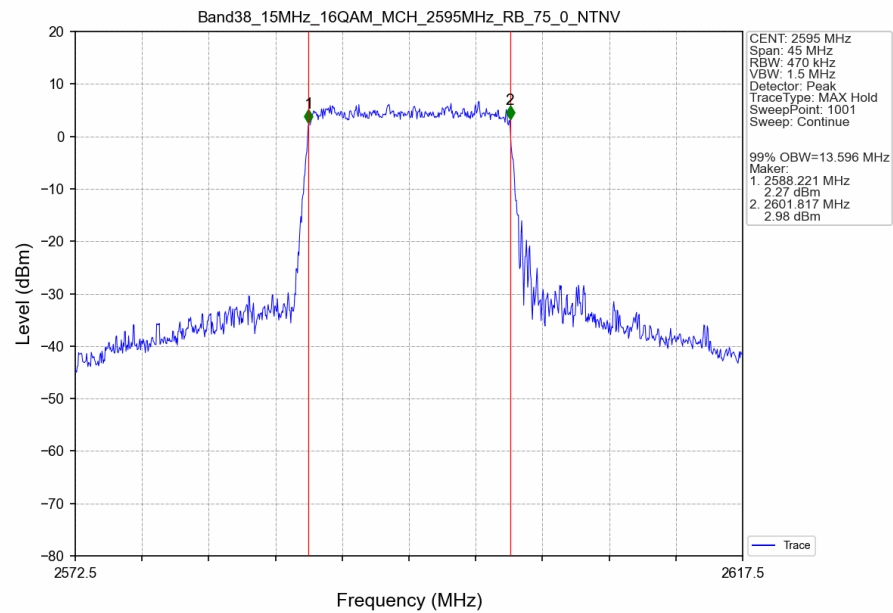
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



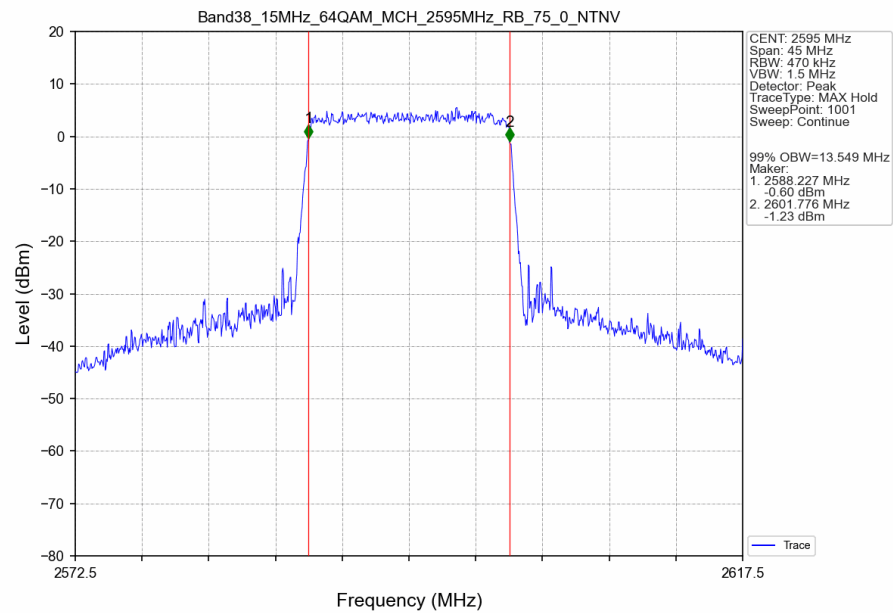
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



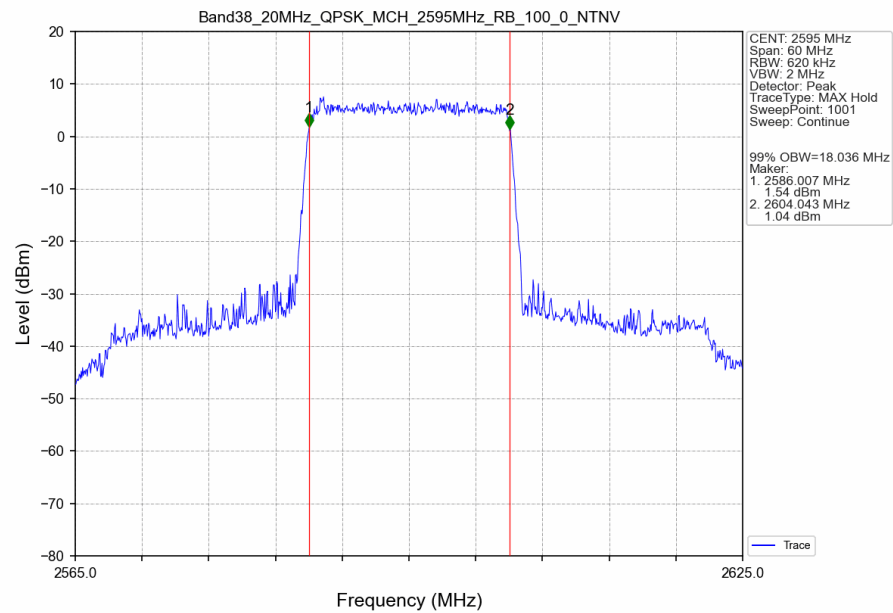
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



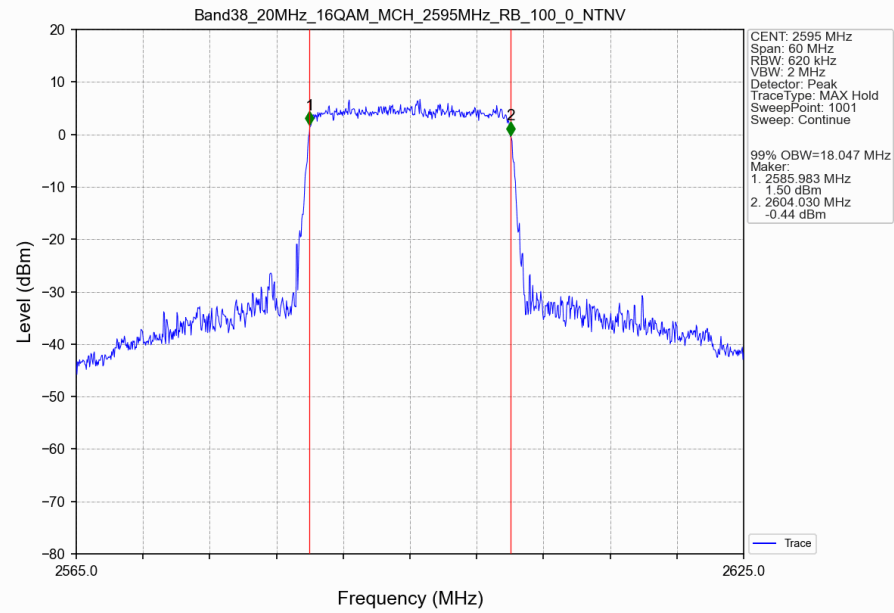
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



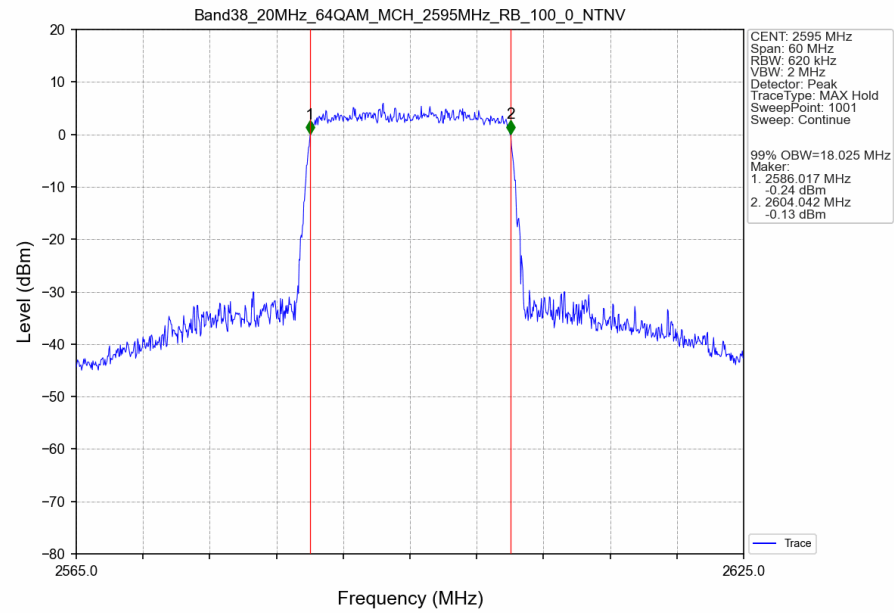
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



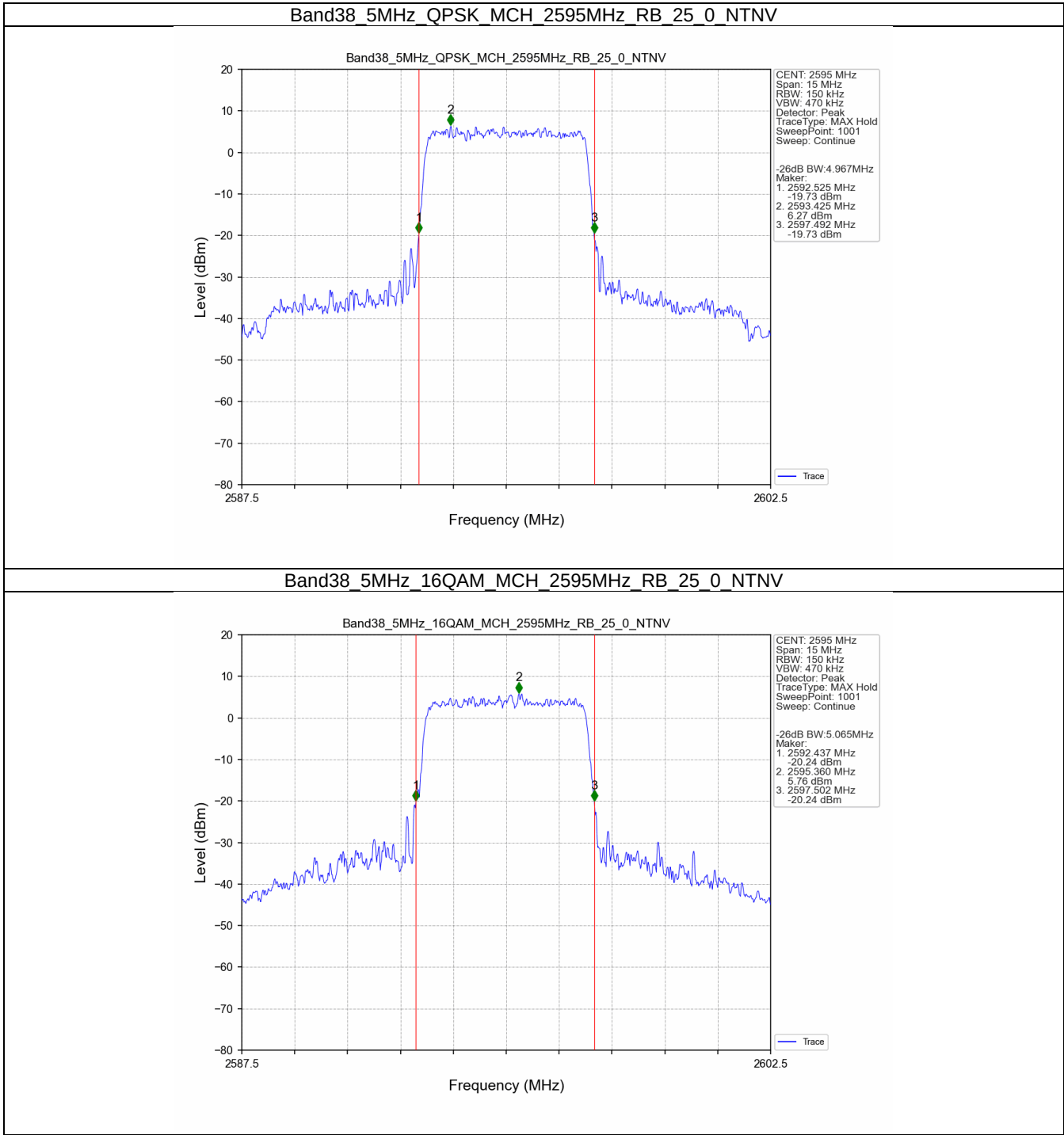
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



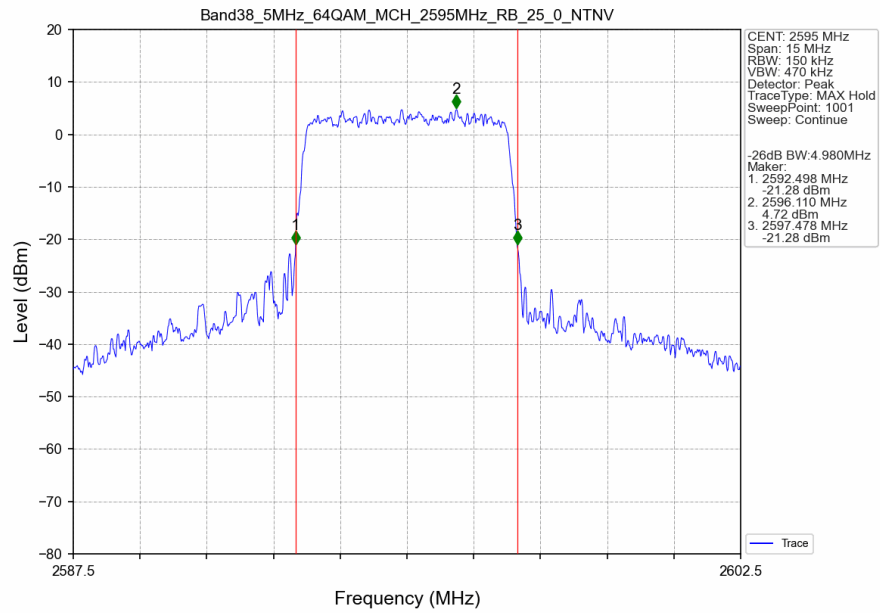
Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



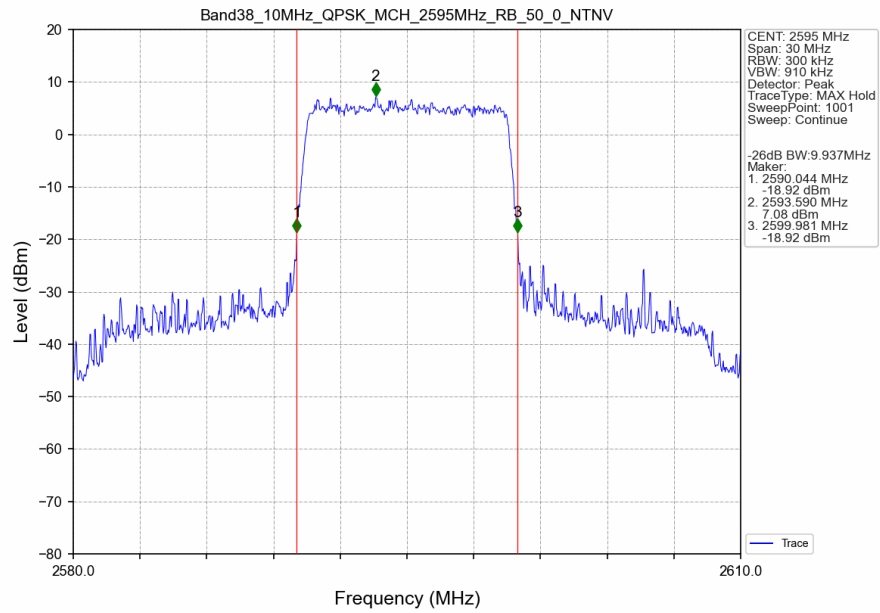
3.2.2 Band38_XDB



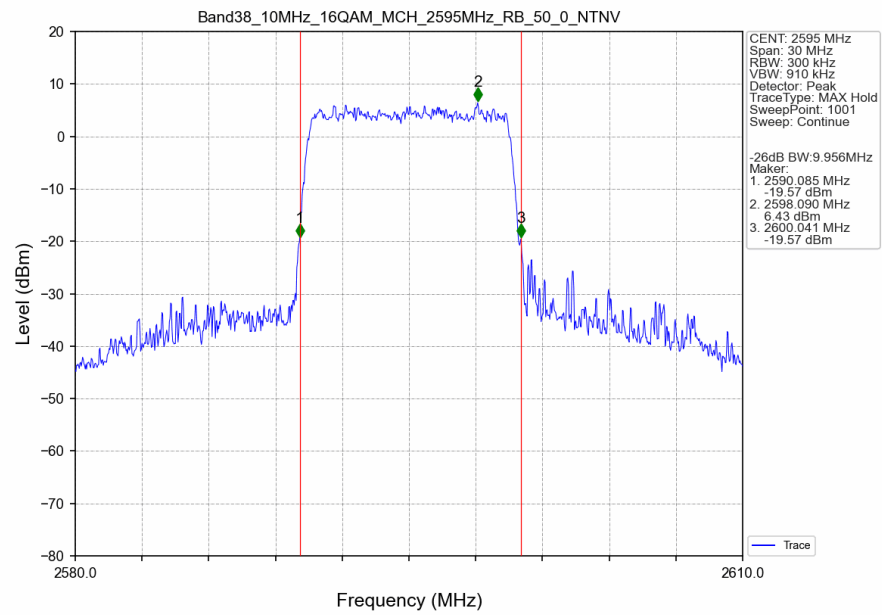
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



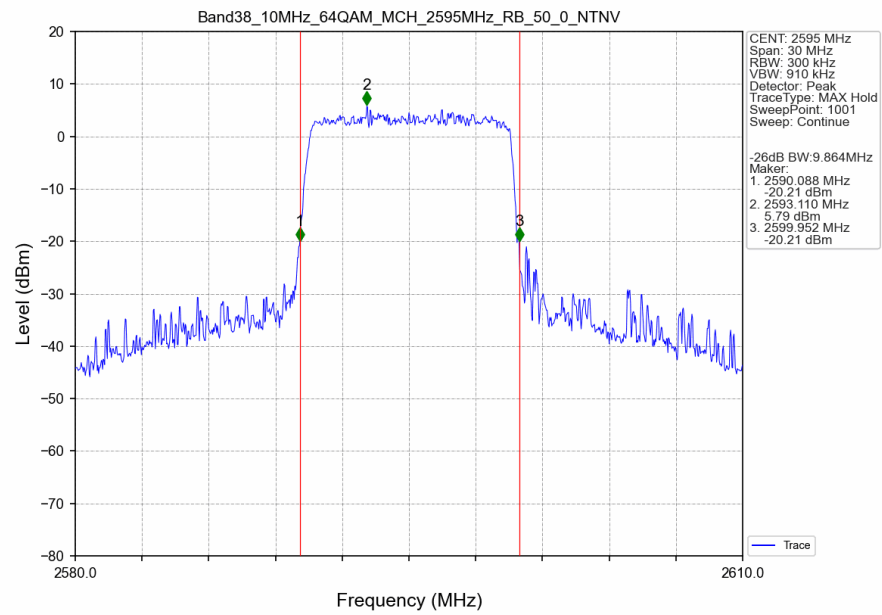
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



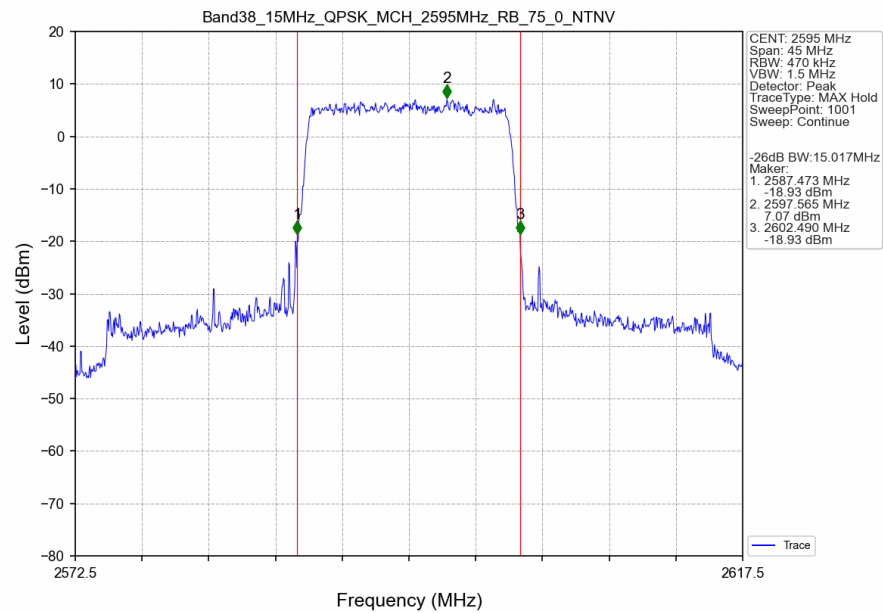
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



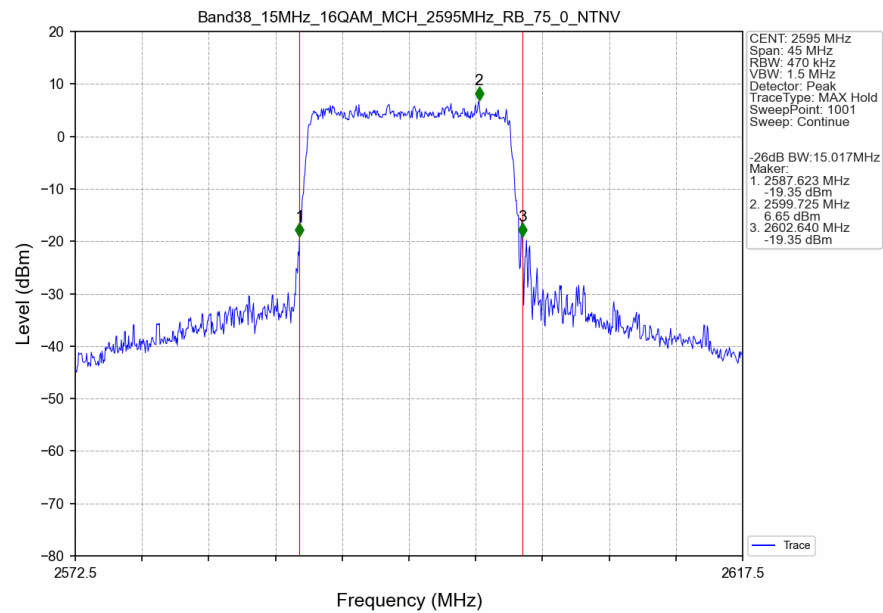
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



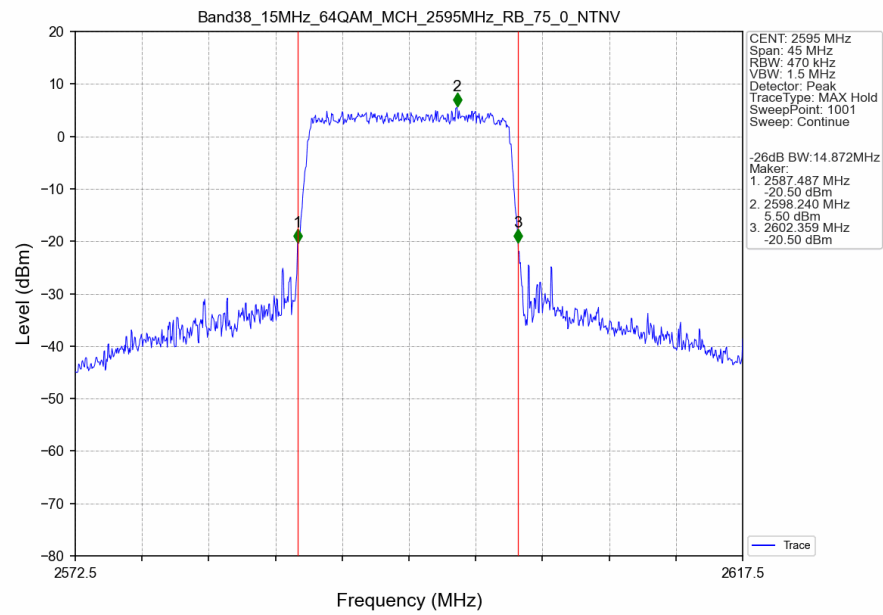
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



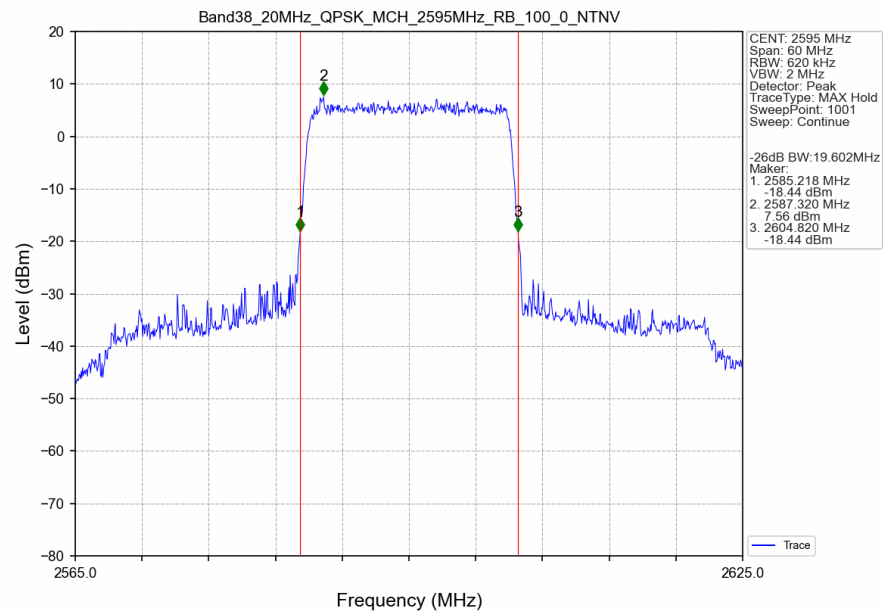
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



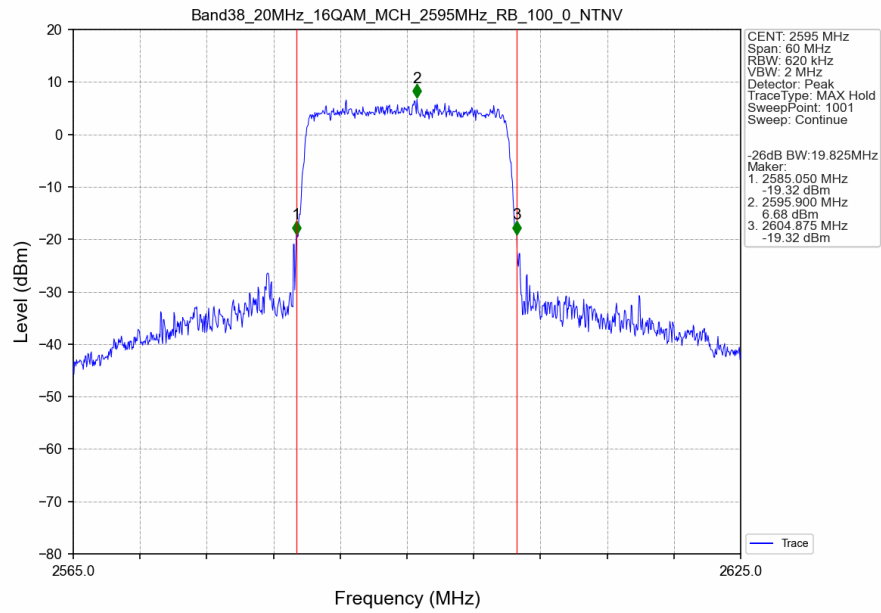
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



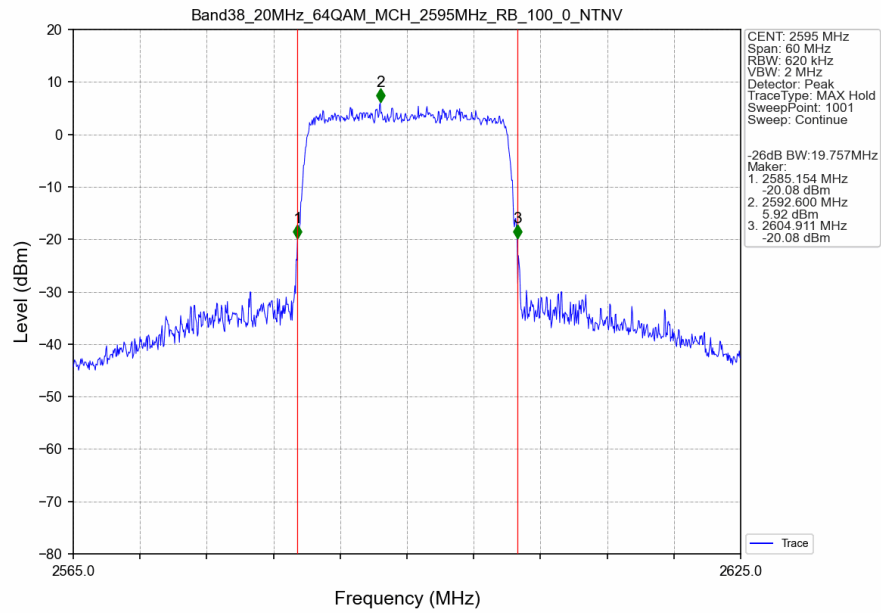
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



4. Peak-Average Ratio

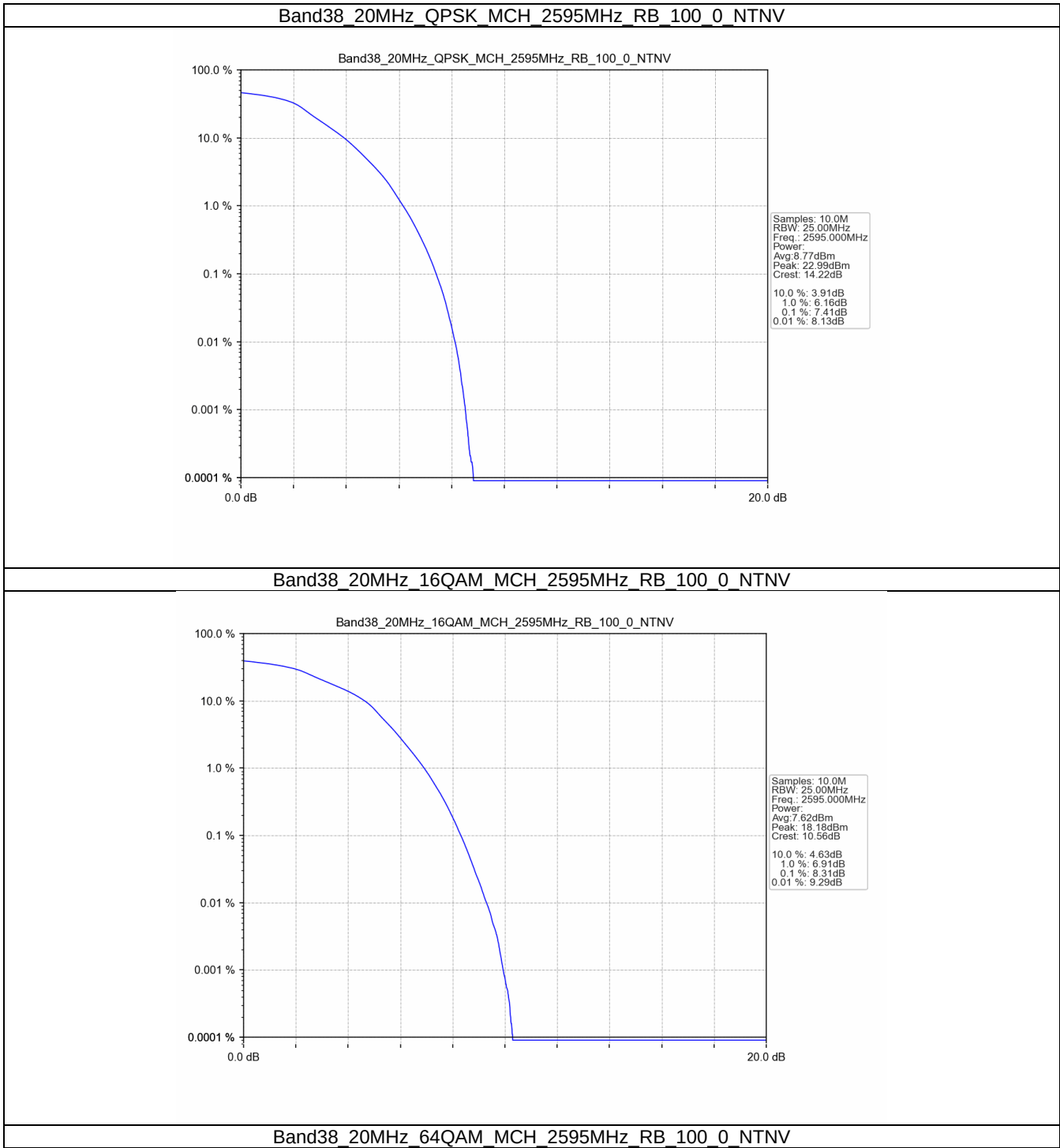
4.1 Test Result

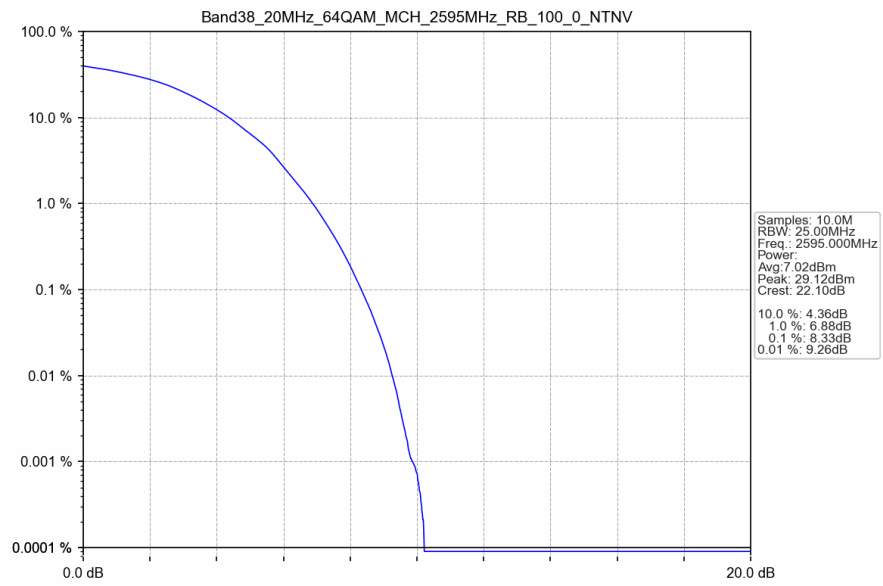
4.1.1 B38_20MHz

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2595	100	0	7.41	<=13	Pass
16QAM	2595	100	0	8.31	<=13	Pass
64QAM	2595	100	0	8.33	<=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	
	24			Refer To Test Graph		Pass
	25		0	Refer To Test Graph		Pass

5.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz / NTVN						
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	
	49			Refer To Test Graph		Pass
	50		0	Refer To Test Graph		Pass

5.1.3 B38_15MHz

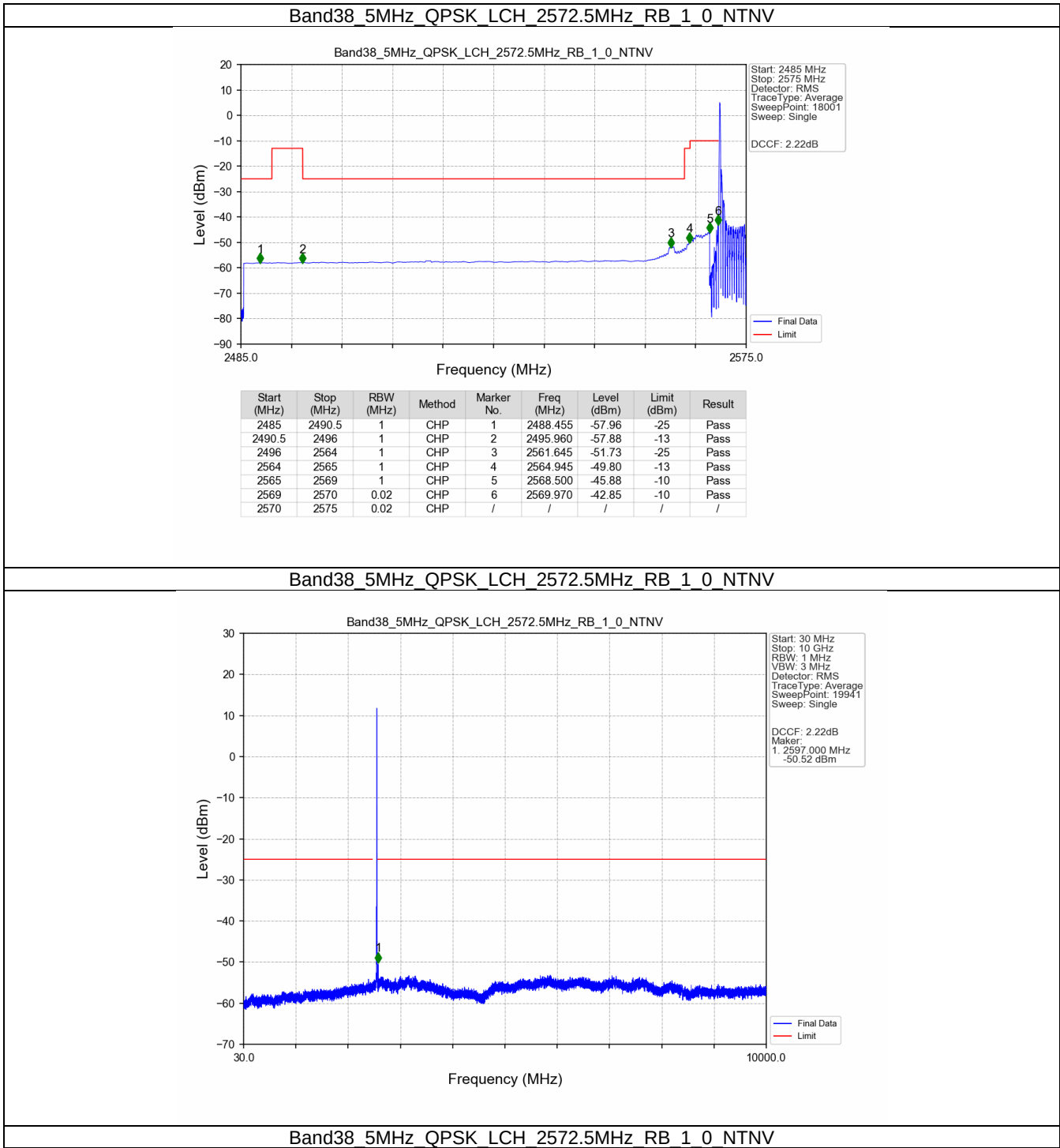
Band: 38 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

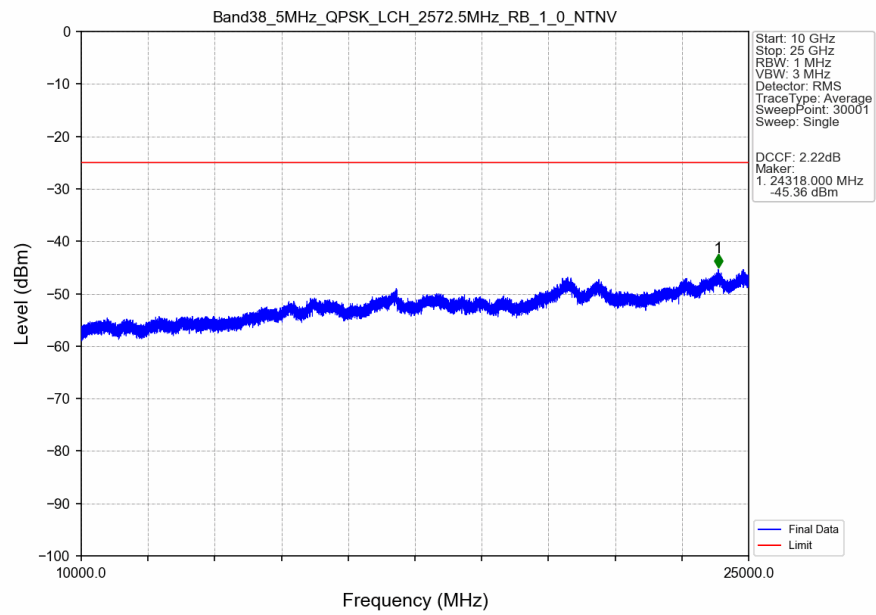
5.1.4 B38_20MHz

Band: 38 / Bandwidth: 20MHz / NTVN						
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	
	99			Refer To Test Graph		Pass
	100		0	Refer To Test Graph		Pass

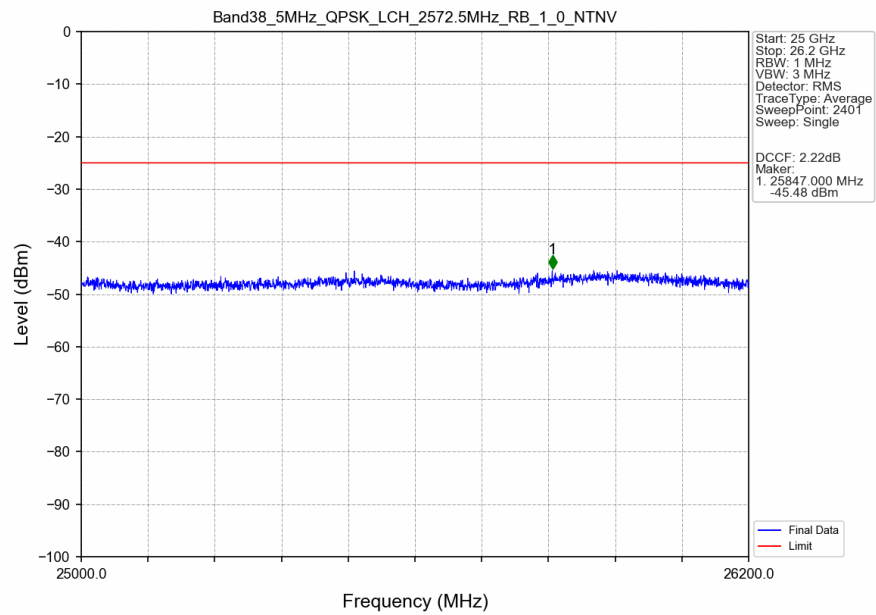
5.2 Test Graph

5.2.1 B38_5MHz

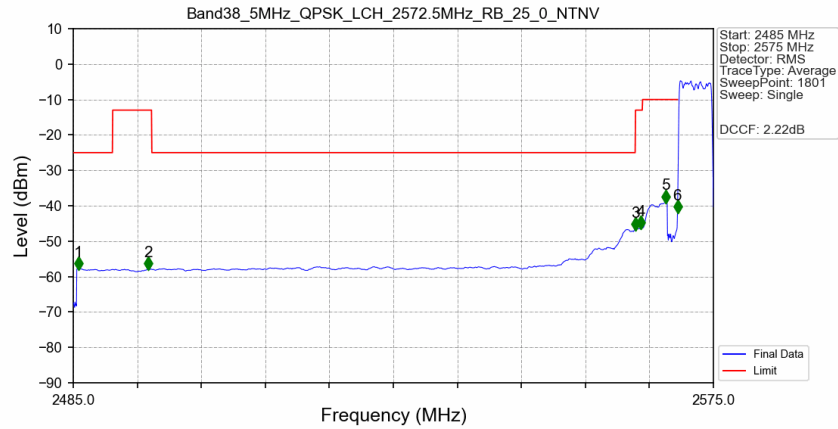




Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

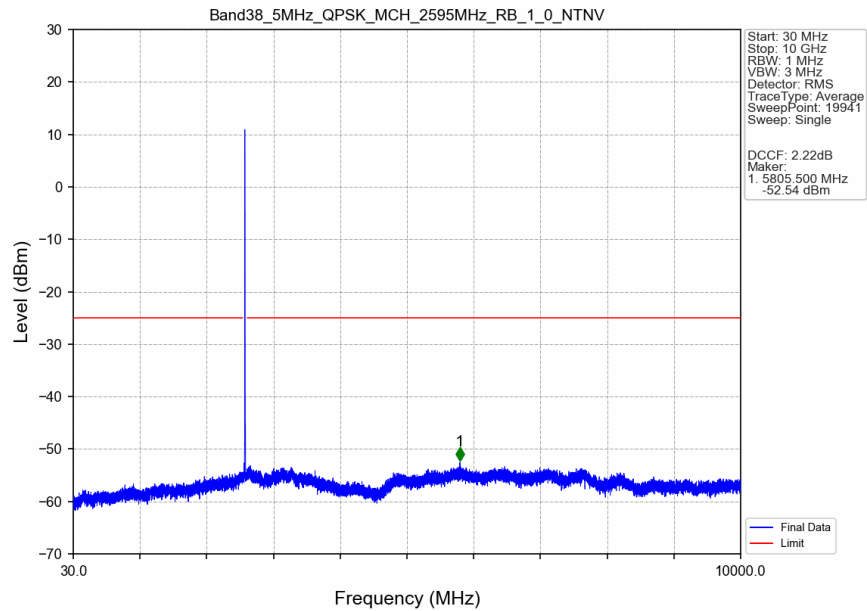


Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV

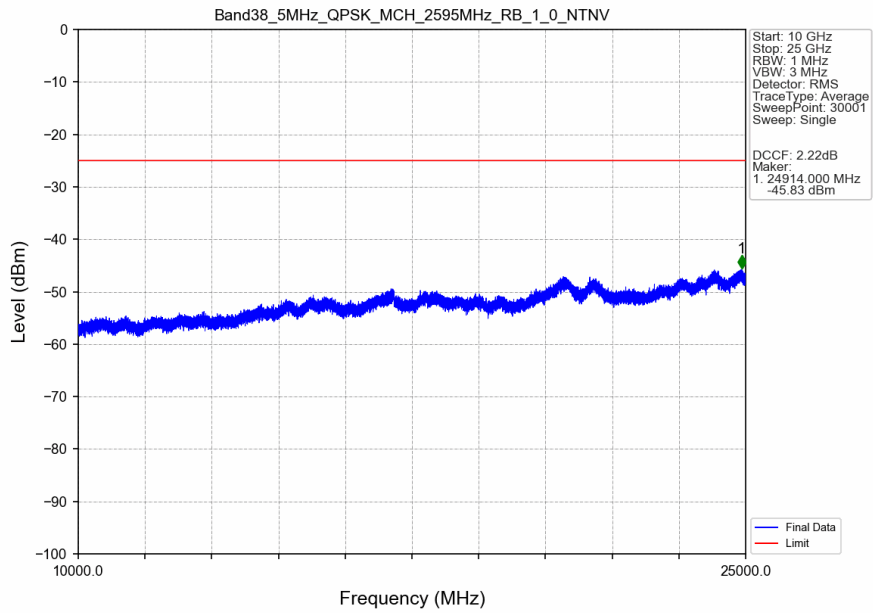


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.750	-57.79	-25	Pass
2490.5	2496	1	CHP	2	2495.500	-57.81	-13	Pass
2496	2564	1	CHP	3	2564.000	-46.69	-25	Pass
2564	2565	1	CHP	4	2564.800	-46.28	-13	Pass
2565	2569	1	CHP	5	2568.300	-38.93	-10	Pass
2569	2570	0.101	CHP	6	2569.950	-41.83	-10	Pass
2570	2575	0.101	CHP	/	/	/	/	/

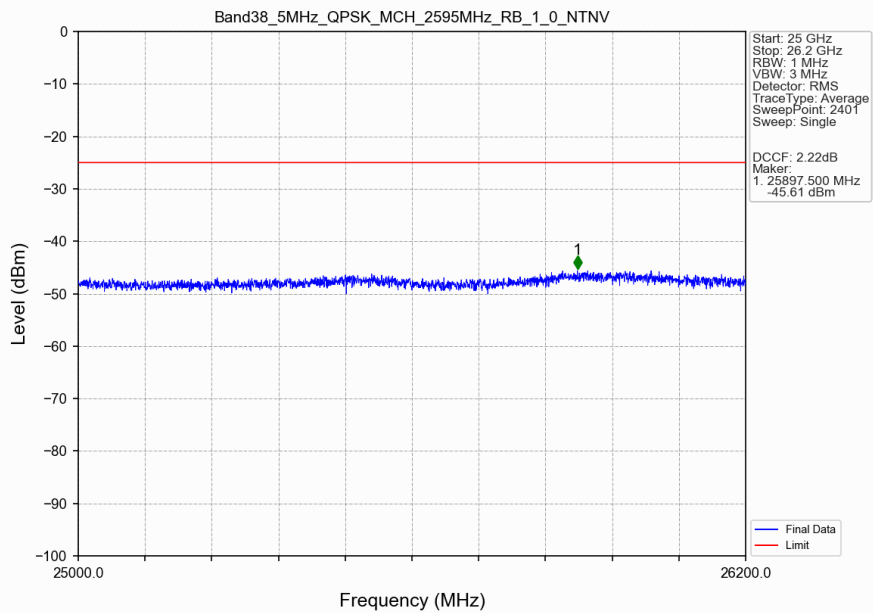
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



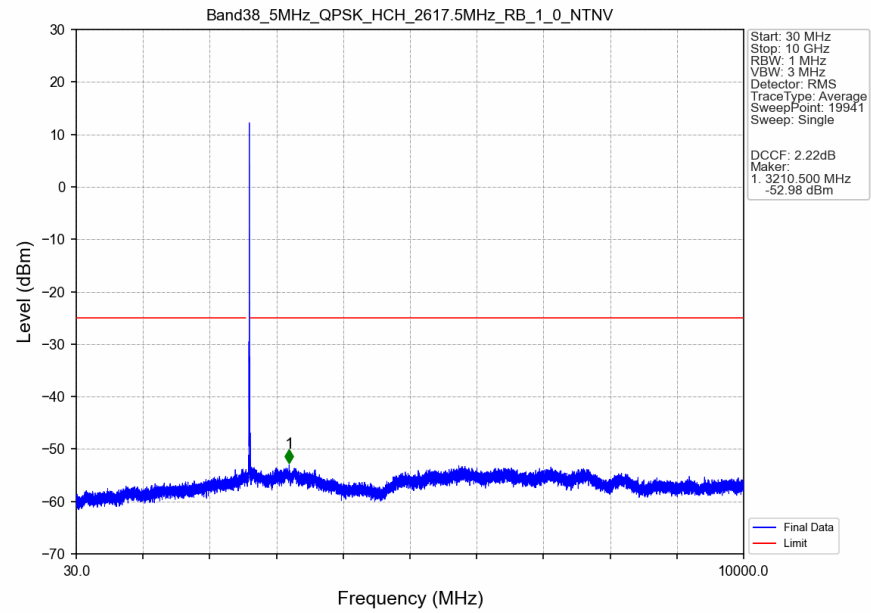
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



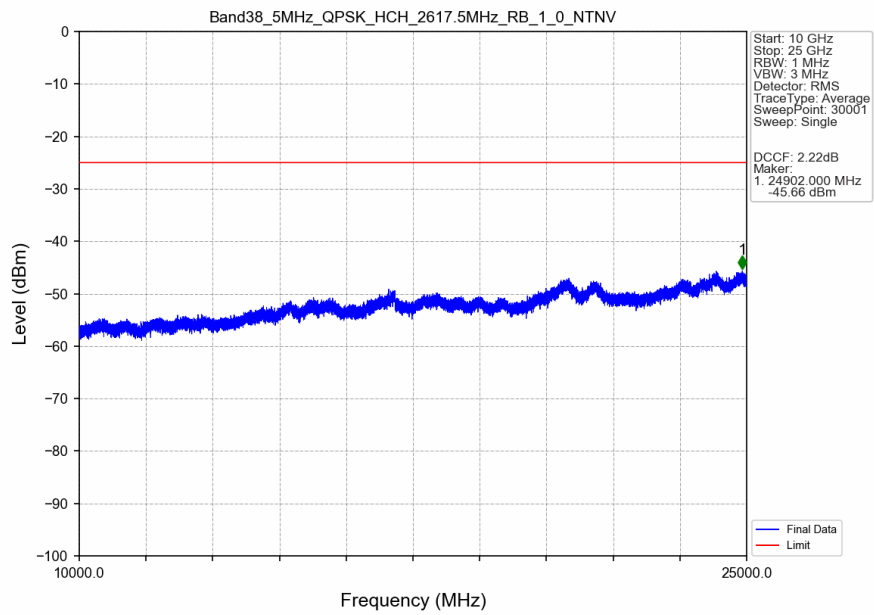
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



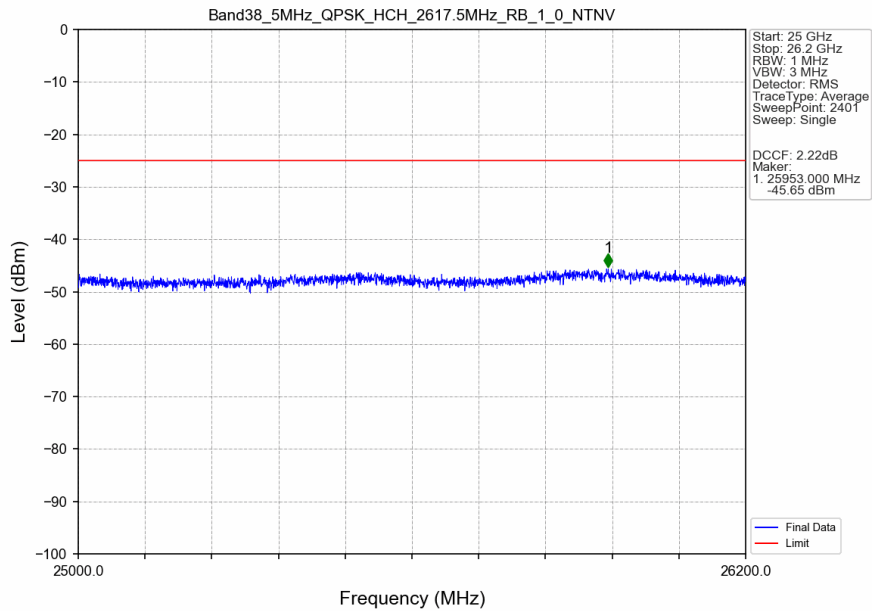
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



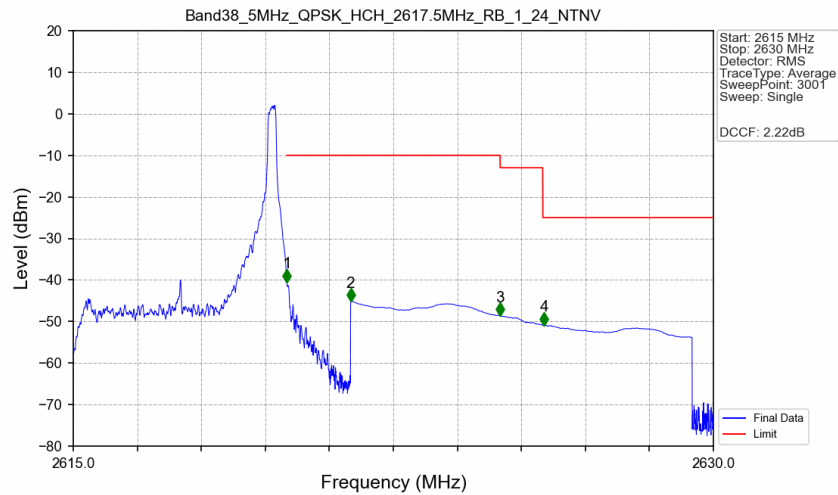
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV

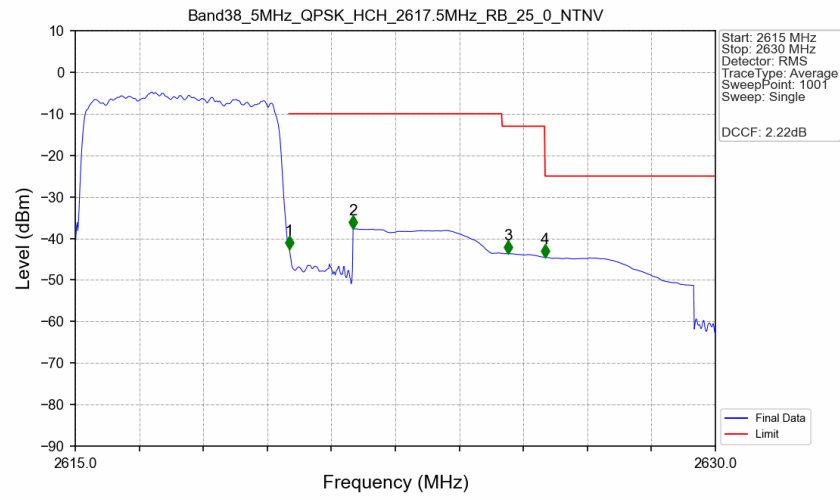


Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



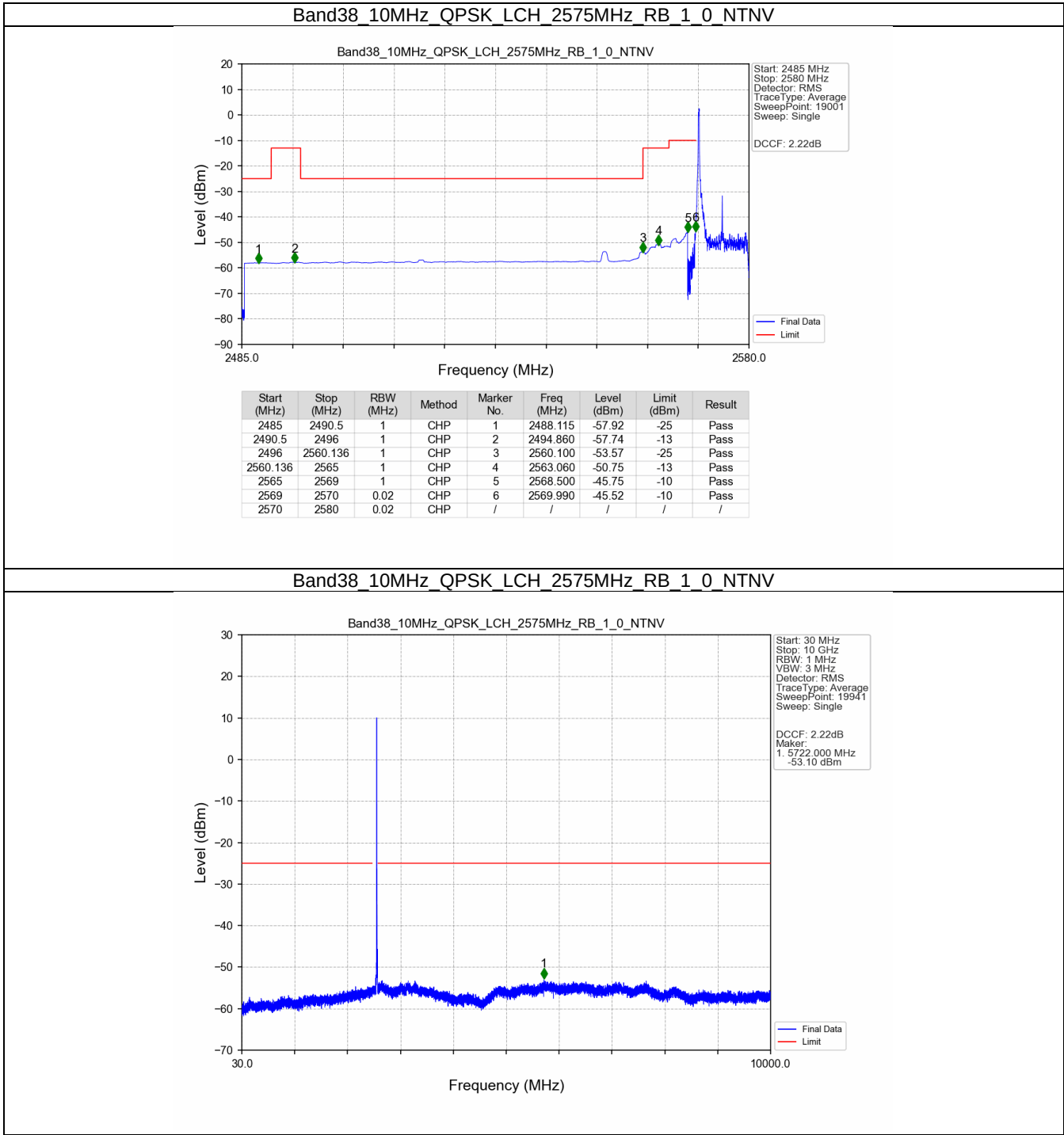
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-40.51	-10	Pass
2621	2625	1	CHP	2	2621.500	-45.07	-10	Pass
2625	2626	1	CHP	3	2625.005	-48.65	-13	Pass
2626	2630	1	CHP	4	2626.035	-50.89	-25	Pass

Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV

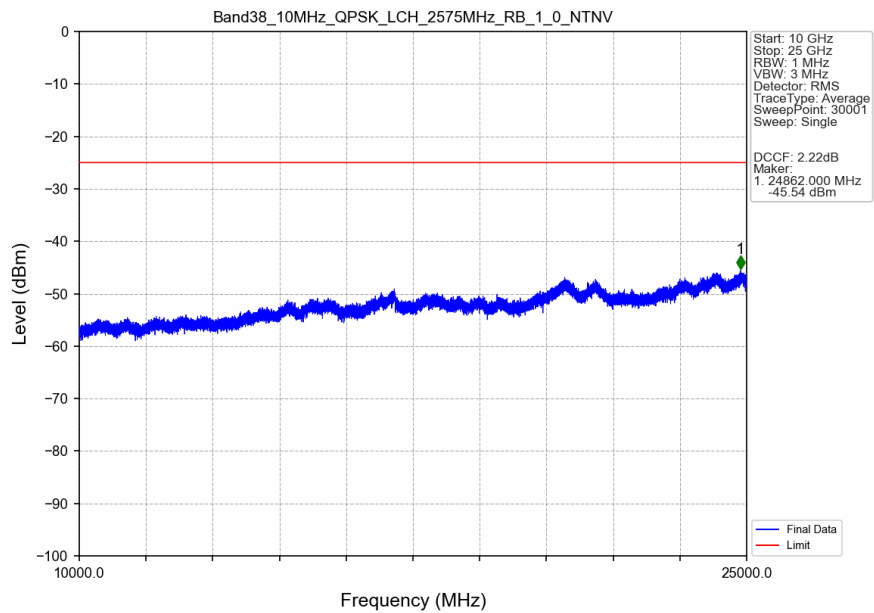


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.101	CHP	/	/	/	/	/
2620	2621	0.101	CHP	1	2620.010	-42.51	-10	Pass
2621	2625	1	CHP	2	2621.510	-37.71	-10	Pass
2625	2626	1	CHP	3	2625.140	-43.64	-13	Pass
2626	2630	1	CHP	4	2626.010	-44.55	-25	Pass

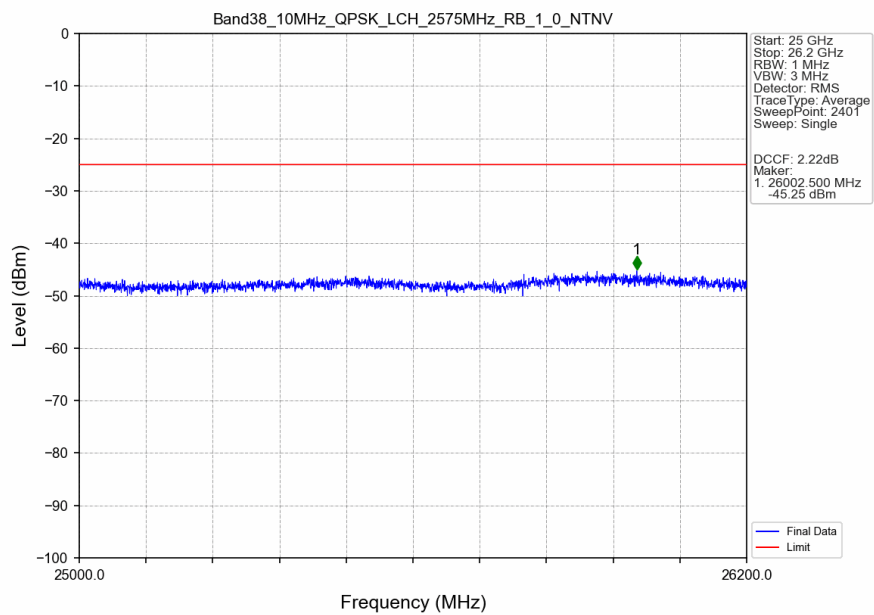
5.2.2 B38_10MHz



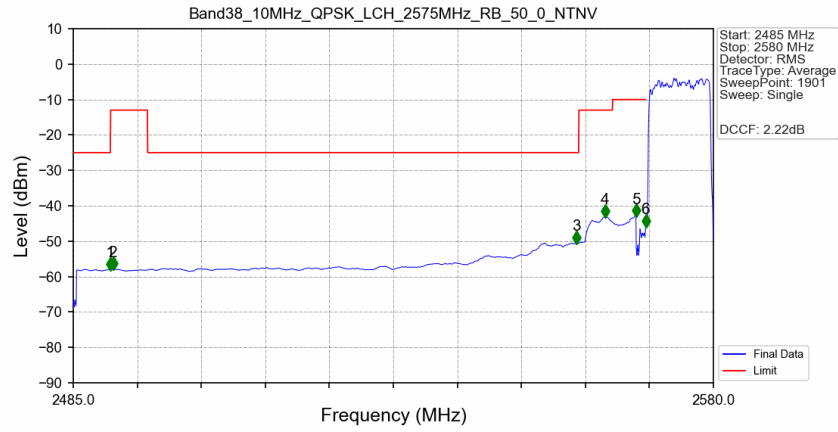
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

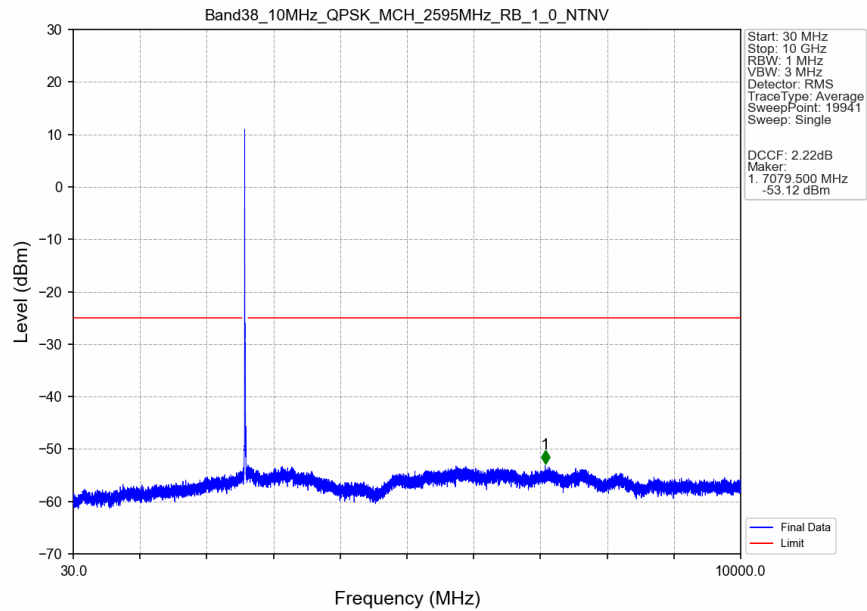


Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV

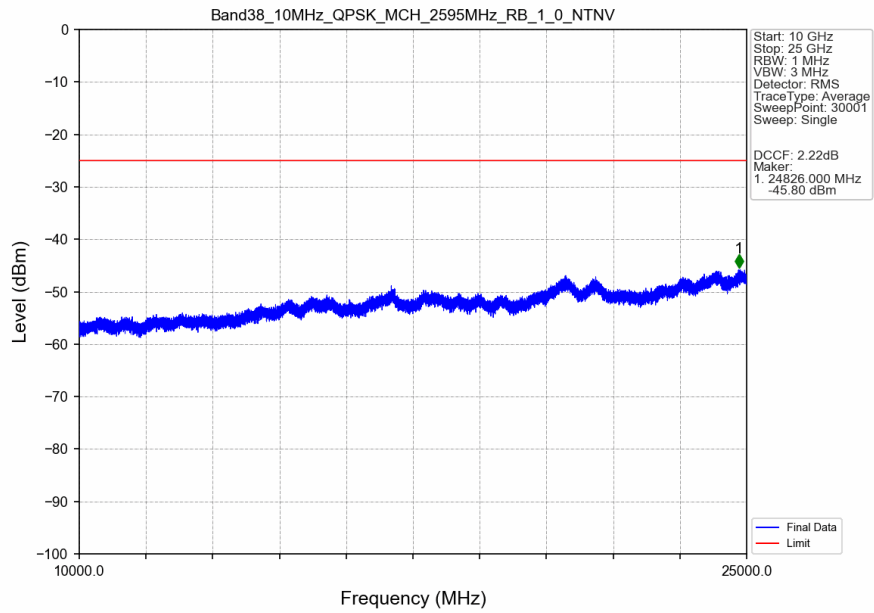


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-57.97	-25	Pass
2490.5	2496	1	CHP	2	2490.900	-57.89	-13	Pass
2496	2560.044	1	CHP	3	2559.650	-50.48	-25	Pass
2560.044	2565	1	CHP	4	2563.900	-43.03	-13	Pass
2565	2569	1	CHP	5	2568.500	-42.90	-10	Pass
2569	2570	0.199	CHP	6	2569.950	-45.76	-10	Pass
2570	2580	0.199	CHP	/	/	/	/	/

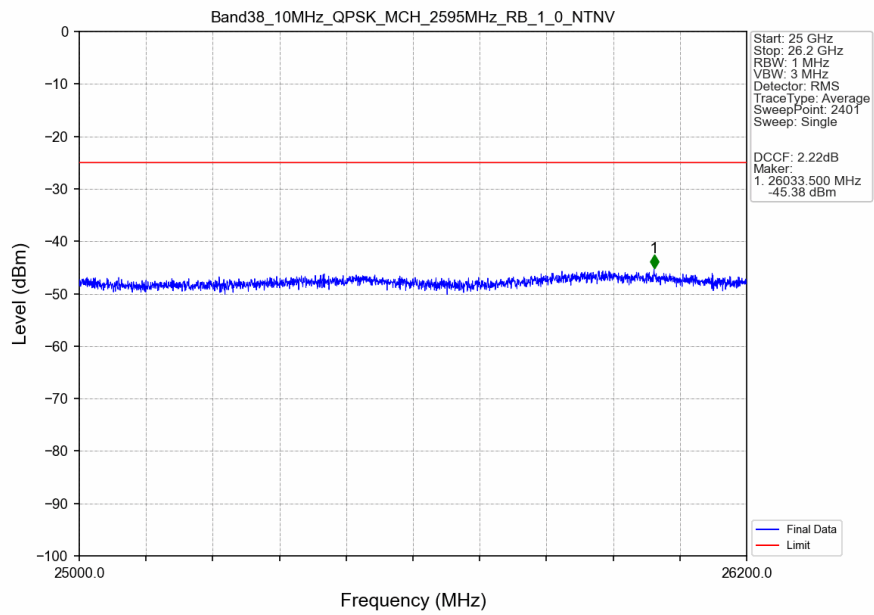
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



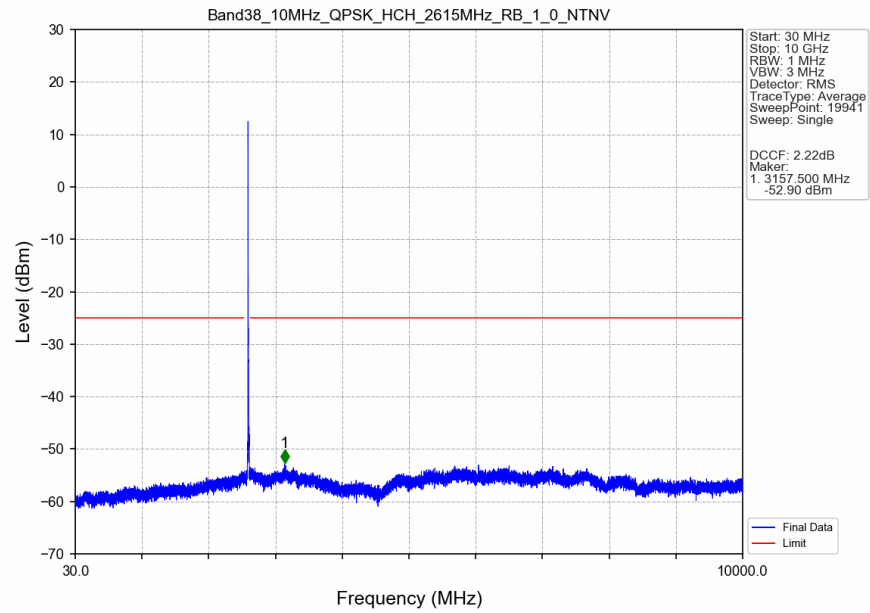
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



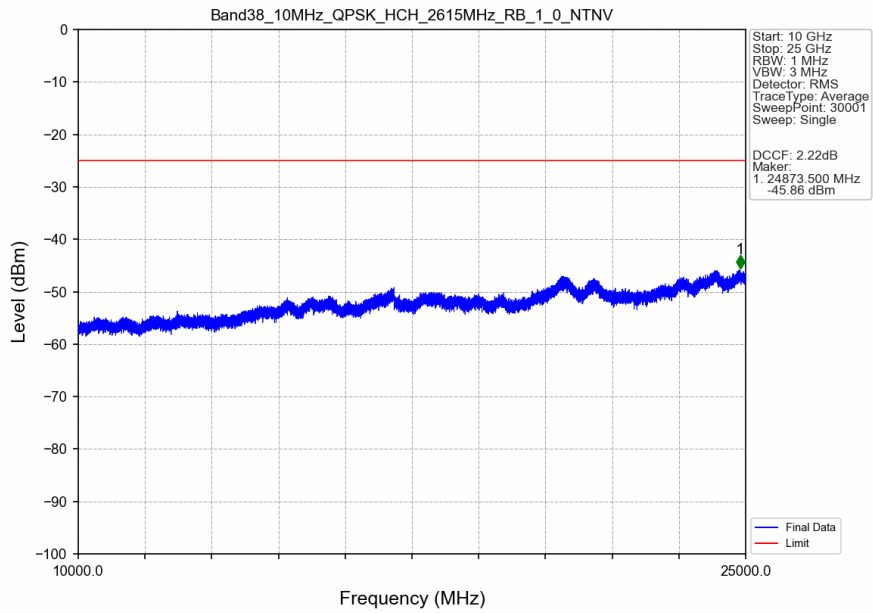
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



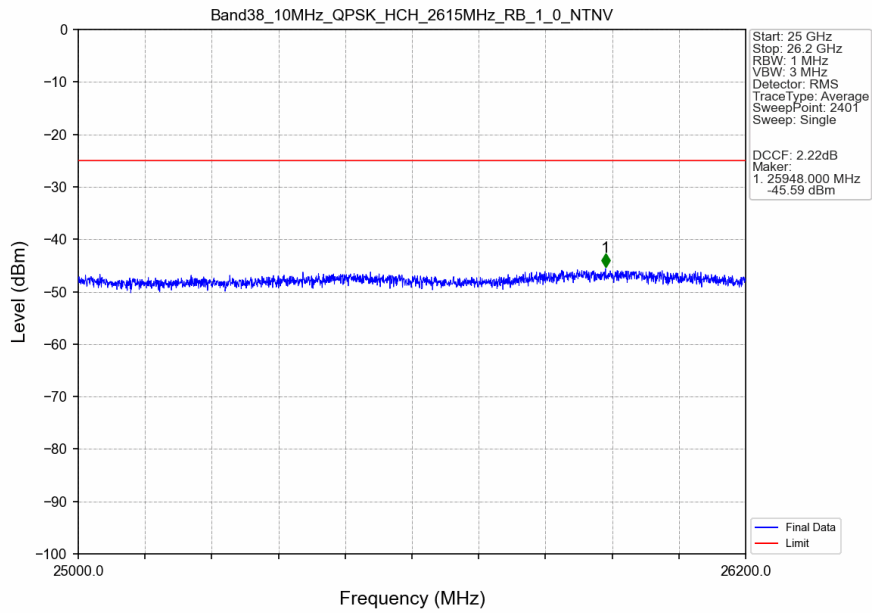
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



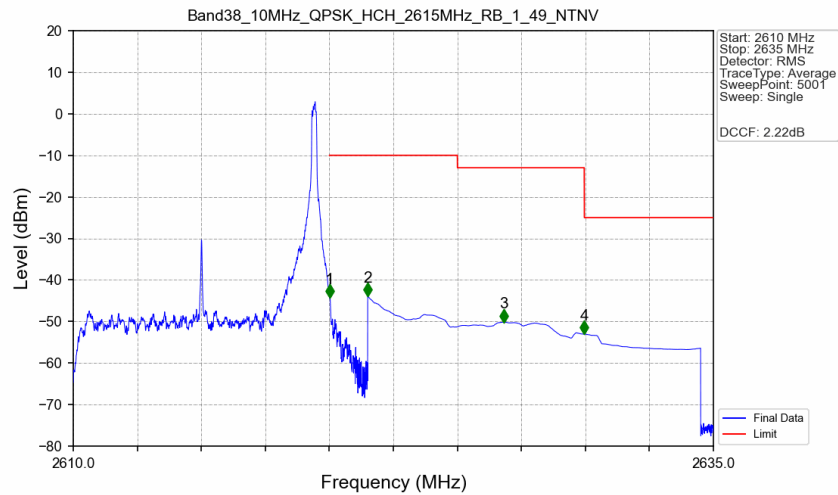
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV

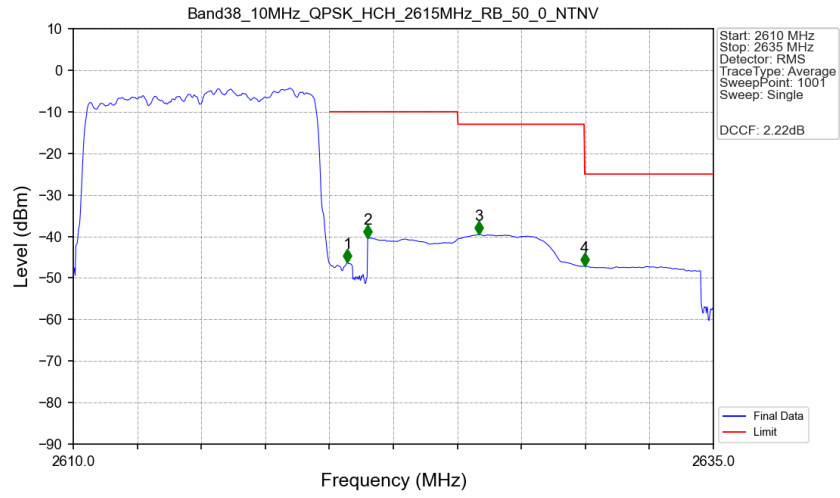


Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV



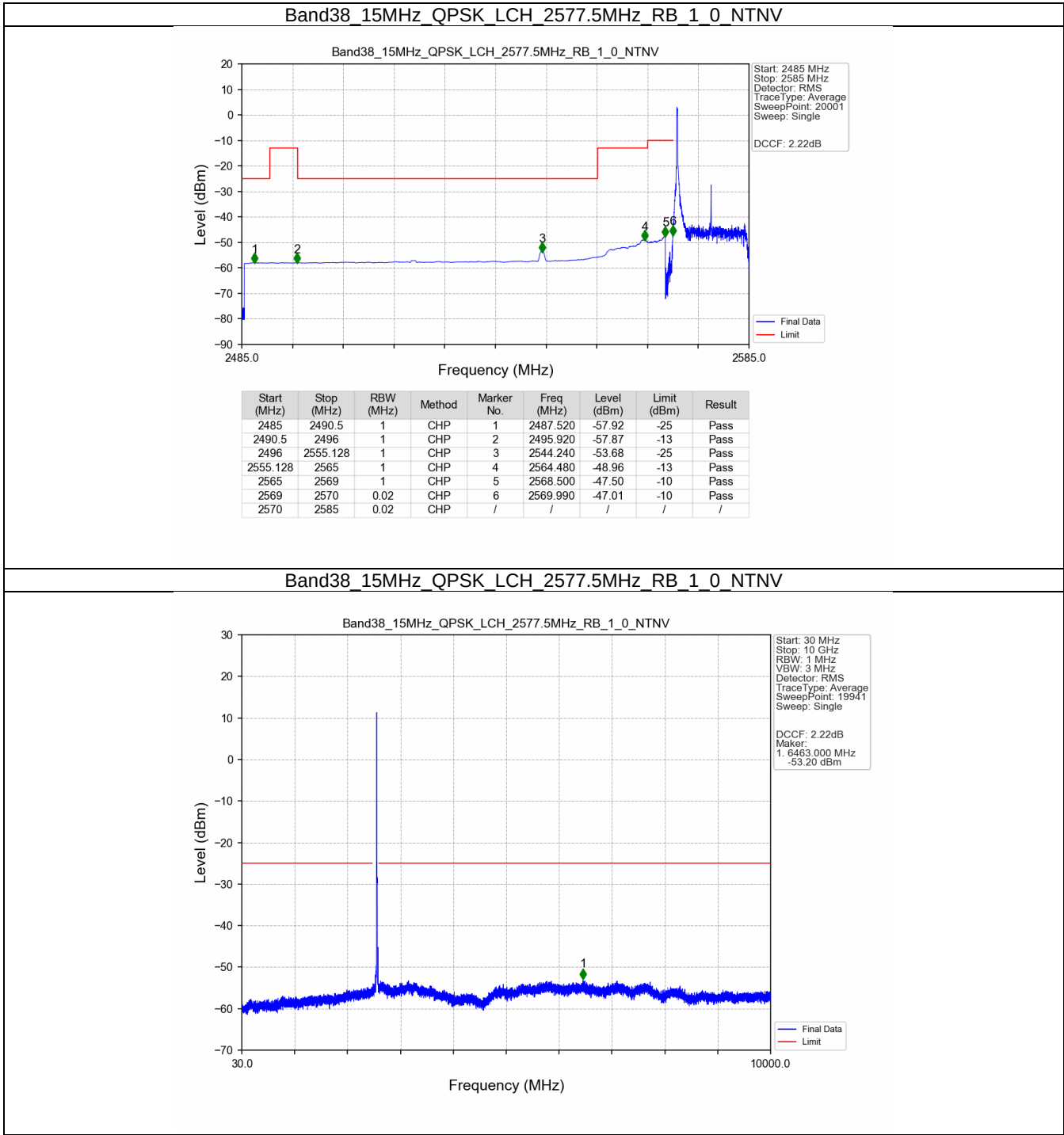
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.010	-44.31	-10	Pass
2621	2625	1	CHP	2	2621.500	-43.93	-10	Pass
2625	2629.956	1	CHP	3	2626.820	-50.16	-13	Pass
2629.956	2635	1	CHP	4	2629.960	-53.06	-25	Pass

Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV

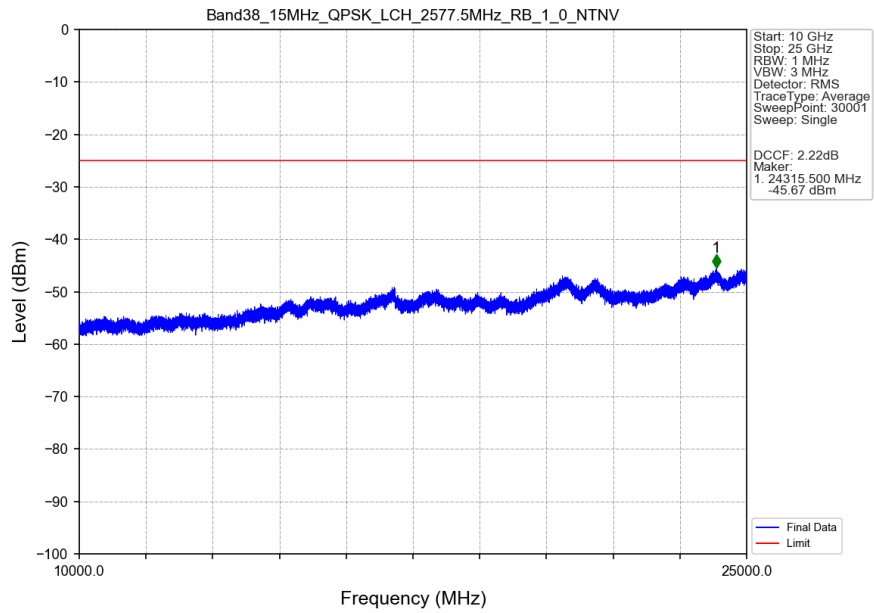


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.199	CHP	/	/	/	/	/
2620	2621	0.199	CHP	1	2620.700	-46.25	-10	Pass
2621	2625	1	CHP	2	2621.500	-40.37	-10	Pass
2625	2629.956	1	CHP	3	2625.825	-39.54	-13	Pass
2629.956	2635	1	CHP	4	2629.975	-47.08	-25	Pass

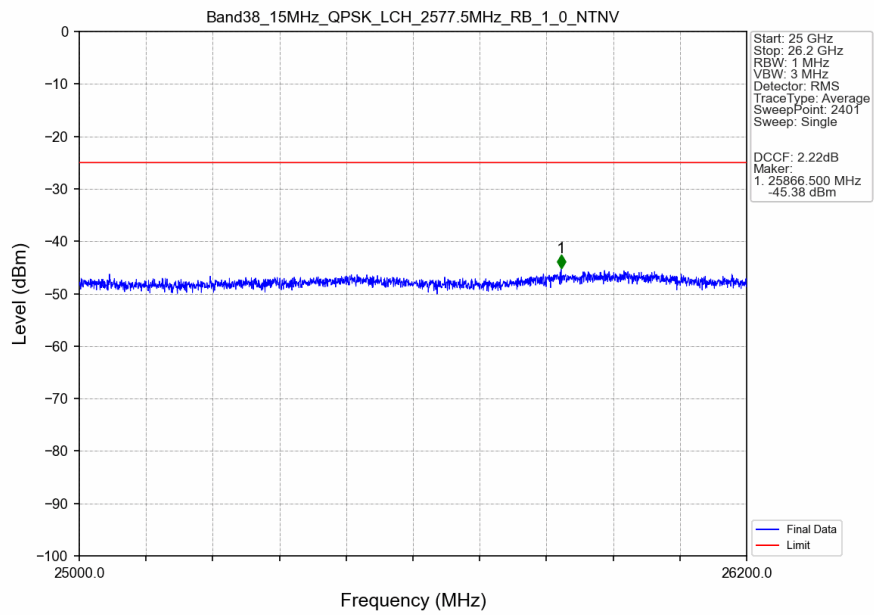
5.2.3 B38_15MHz



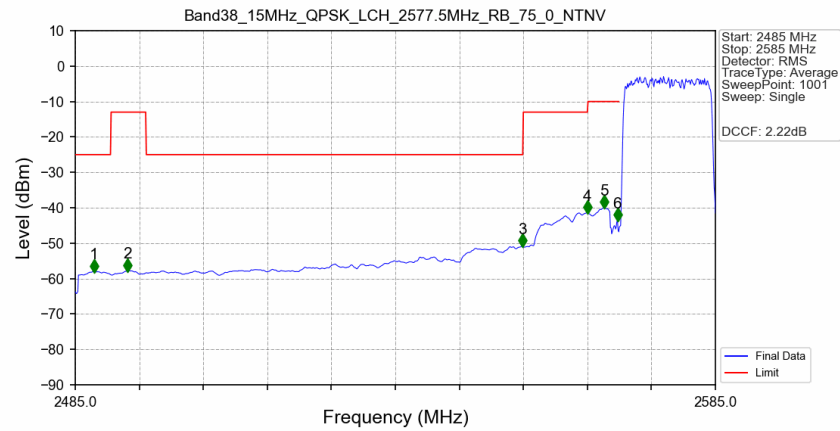
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

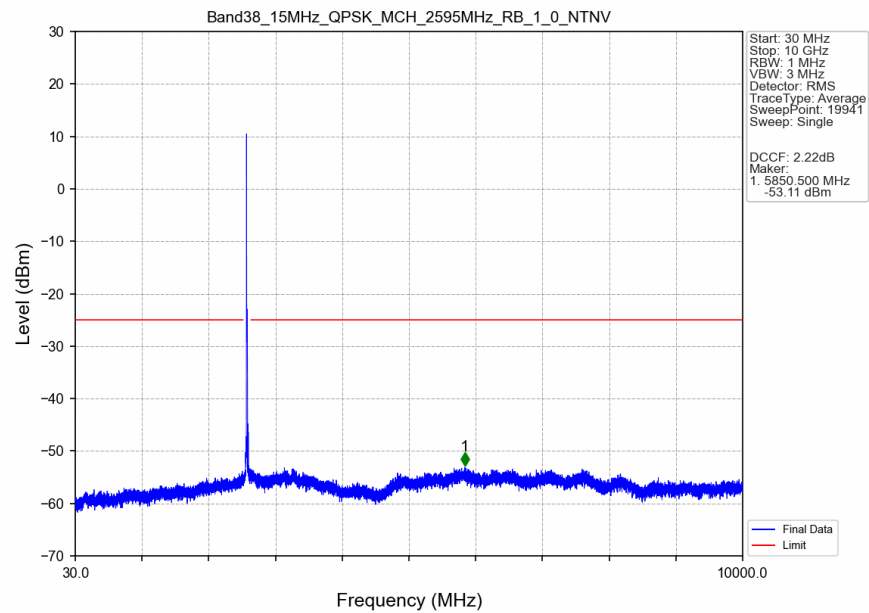


Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV

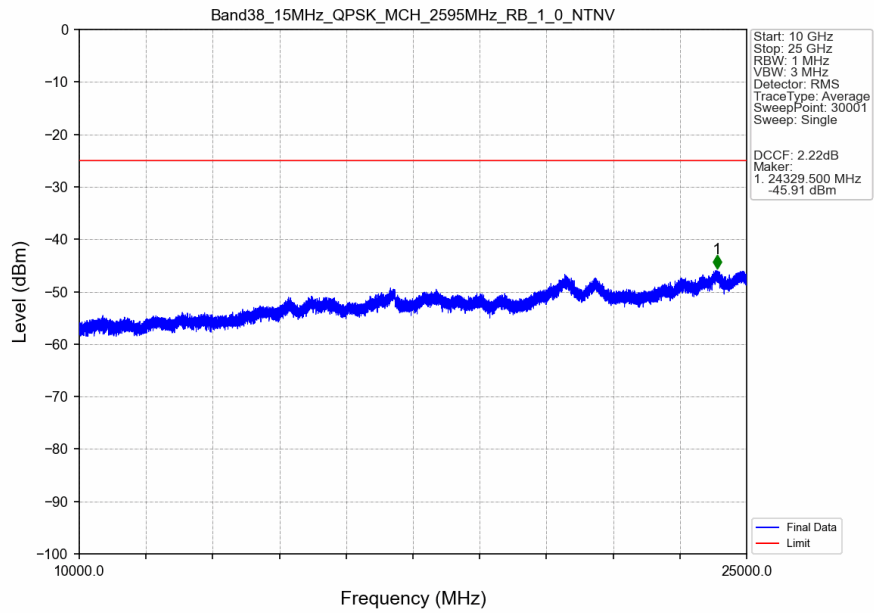


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.900	-57.98	-25	Pass
2490.5	2496	1	CHP	2	2493.200	-57.75	-13	Pass
2496	2554.983	1	CHP	3	2554.800	-50.80	-25	Pass
2554.983	2565	1	CHP	4	2565.000	-41.42	-13	Pass
2565	2569	1	CHP	5	2567.600	-39.92	-10	Pass
2569	2570	0.3	/	6	2569.700	-43.52	-10	Pass
2570	2585	0.3	/	/	/	/	/	/

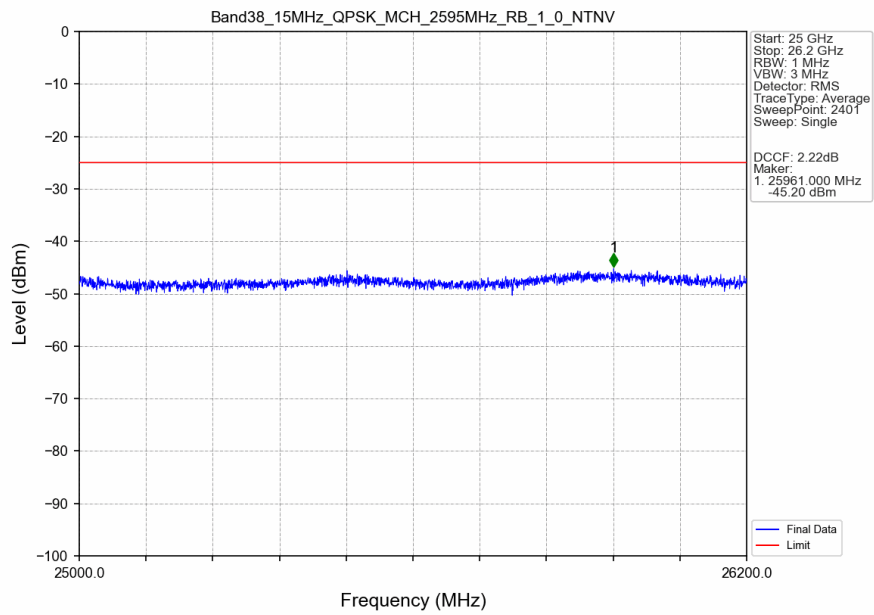
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



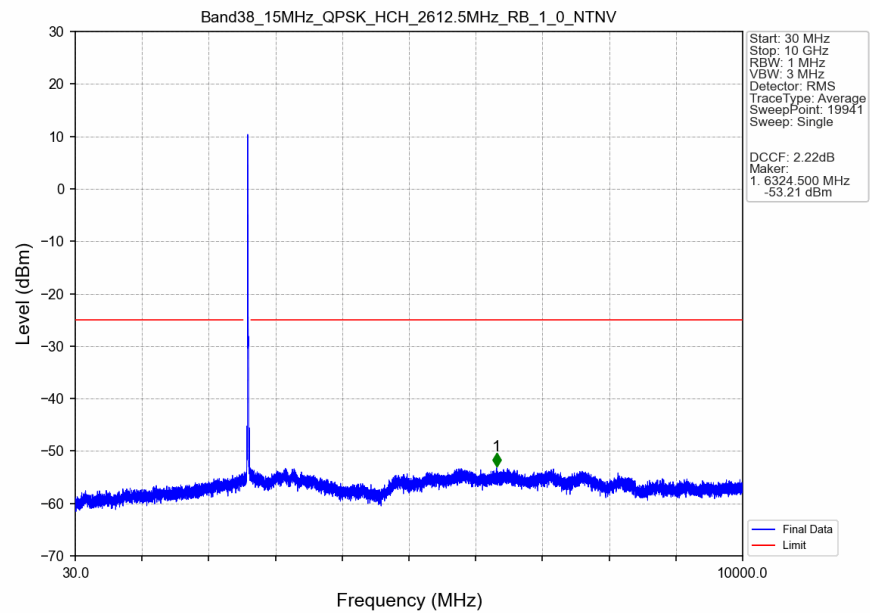
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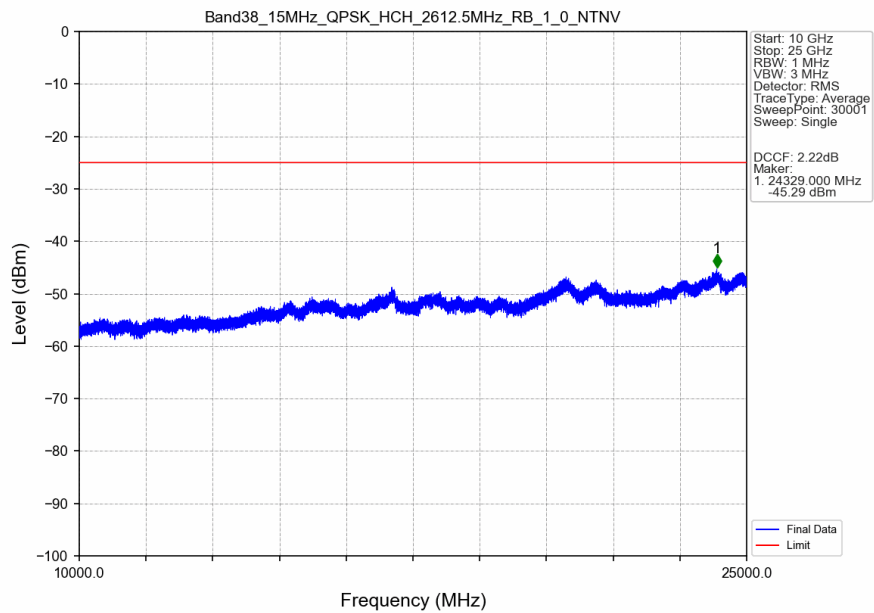
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



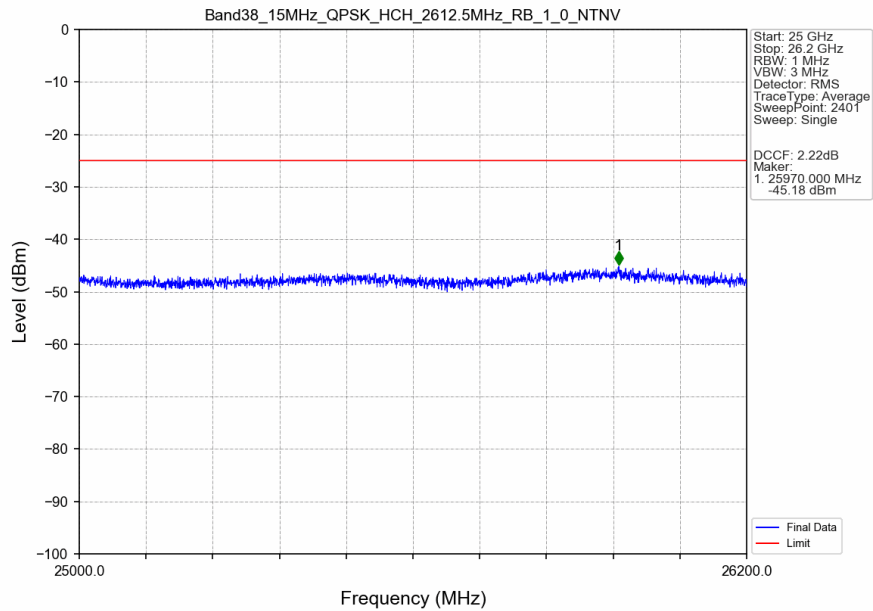
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



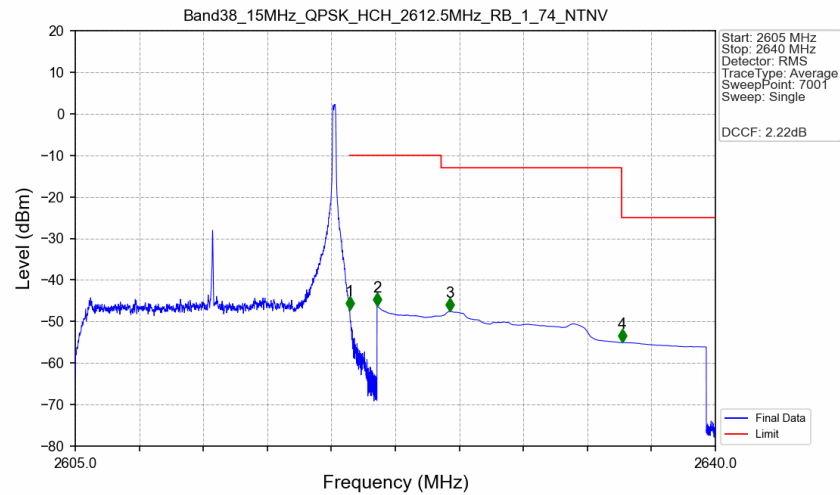
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV

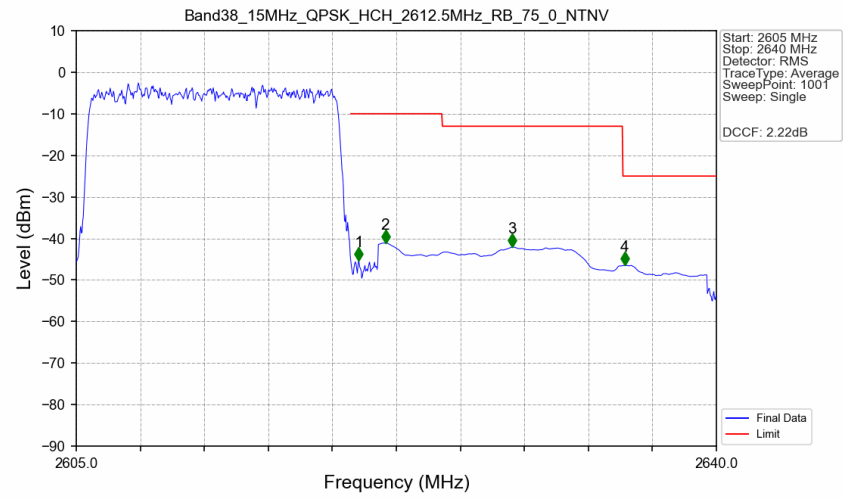


Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_74_NTNV



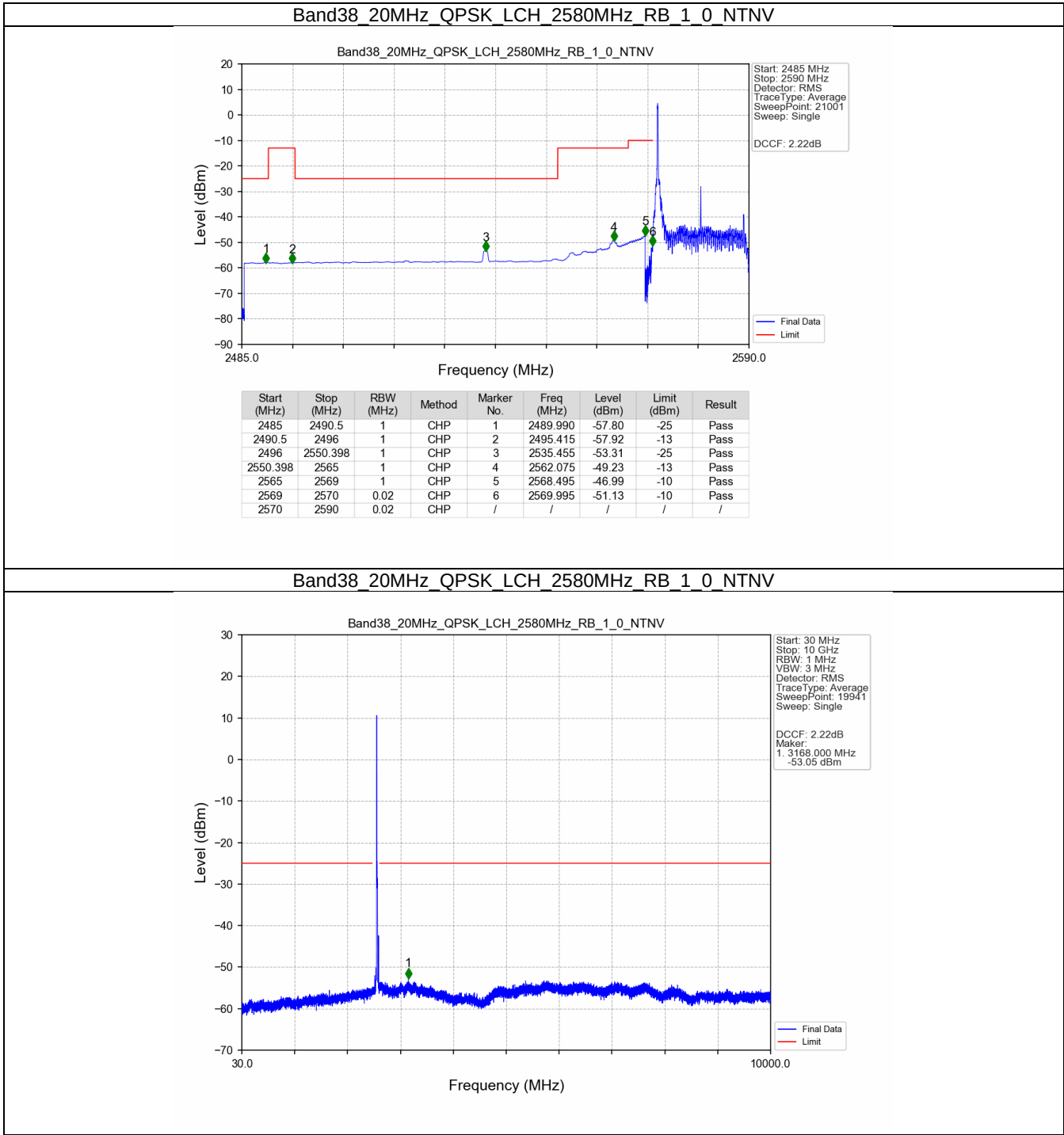
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-47.08	-10	Pass
2621	2625	1	CHP	2	2621.500	-46.30	-10	Pass
2625	2634.872	1	CHP	3	2625.485	-47.53	-13	Pass
2634.872	2640	1	CHP	4	2634.900	-55.02	-25	Pass

Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV

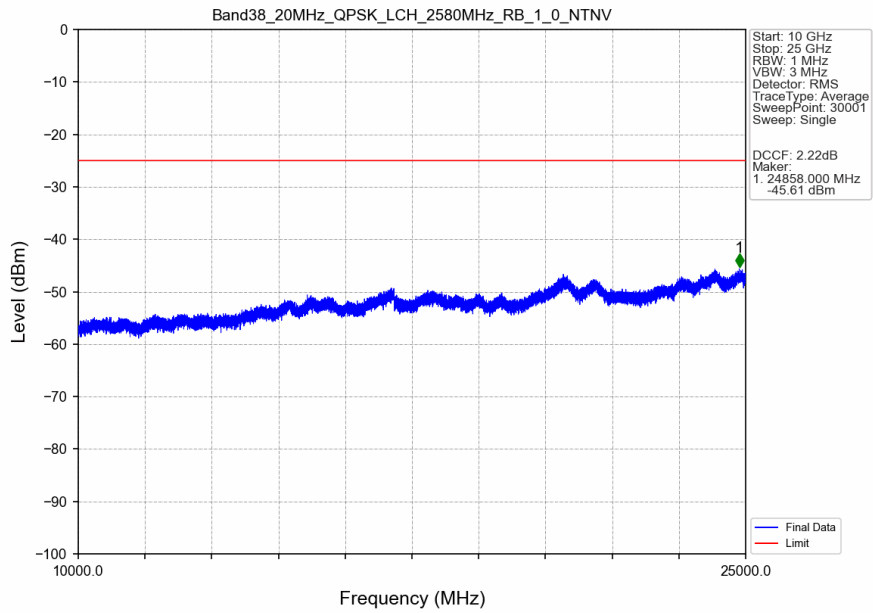


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.3	/	/	/	/	/	/
2620	2621	0.3	/	1	2620.435	-45.26	-10	Pass
2621	2625	1	CHP	2	2621.905	-41.11	-10	Pass
2625	2634.872	1	CHP	3	2628.835	-42.12	-13	Pass
2634.872	2640	1	CHP	4	2634.995	-46.44	-25	Pass

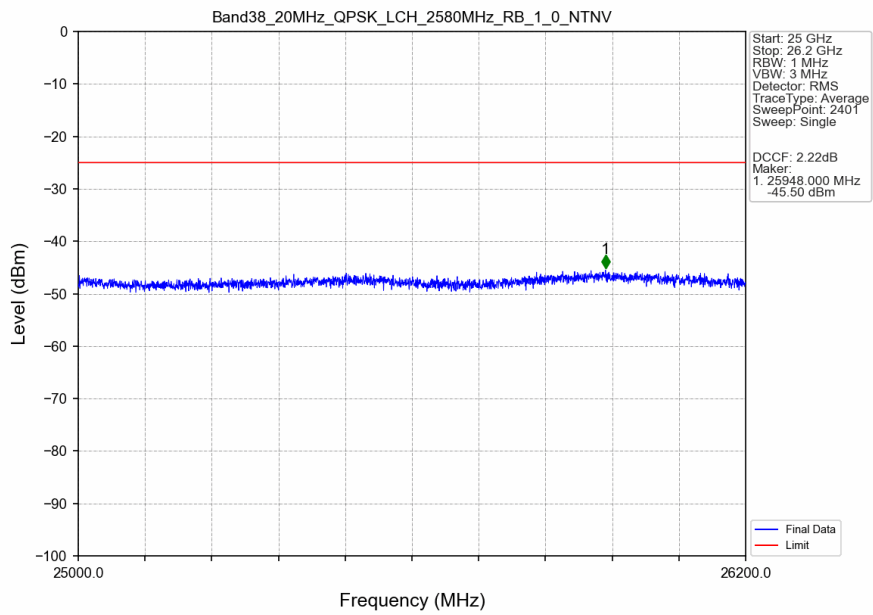
5.2.4 B38_20MHz



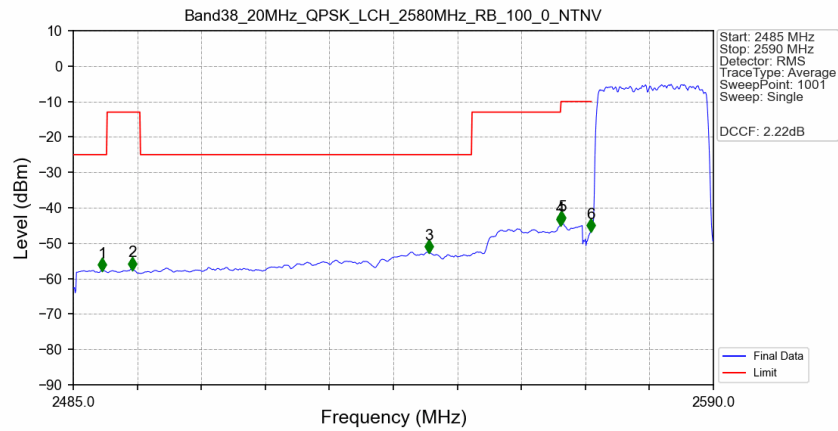
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

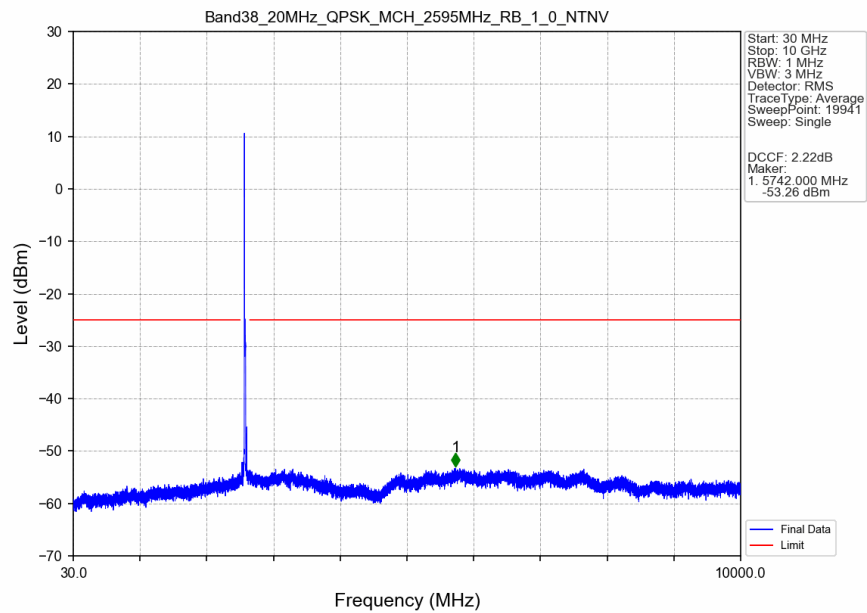


Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV

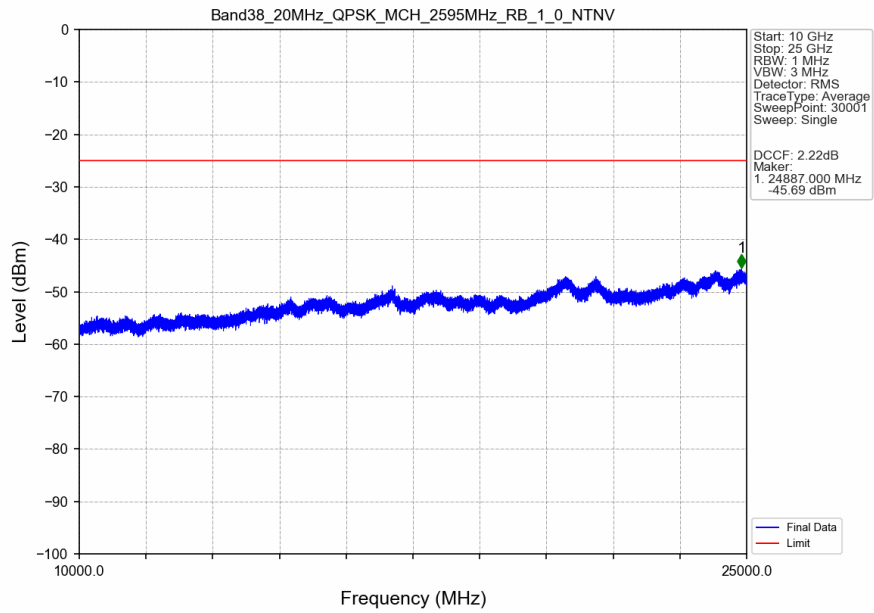


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.725	-57.63	-25	Pass
2490.5	2496	1	CHP	2	2494.660	-57.34	-13	Pass
2496	2550.398	1	CHP	3	2543.275	-52.54	-25	Pass
2550.398	2565	1	CHP	4	2564.905	-44.82	-13	Pass
2565	2569	1	CHP	5	2565.115	-44.35	-10	Pass
2569	2570	0.392	CHP	6	2569.945	-46.58	-10	Pass
2570	2590	0.392	CHP	/	/	/	/	/

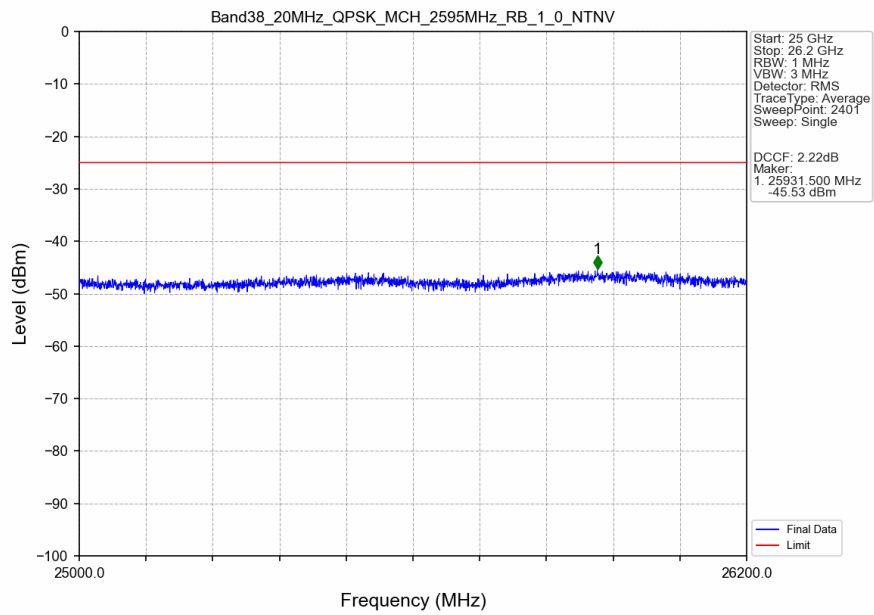
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



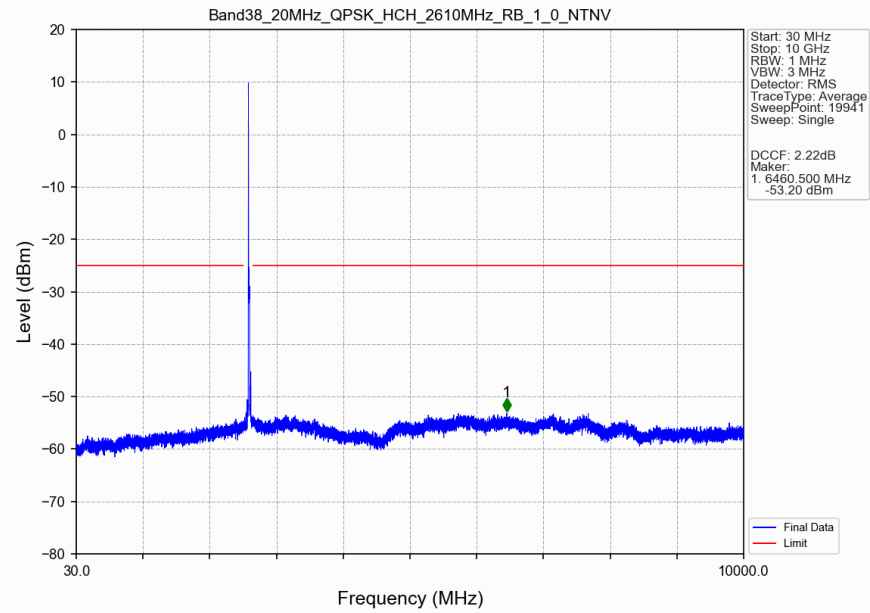
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



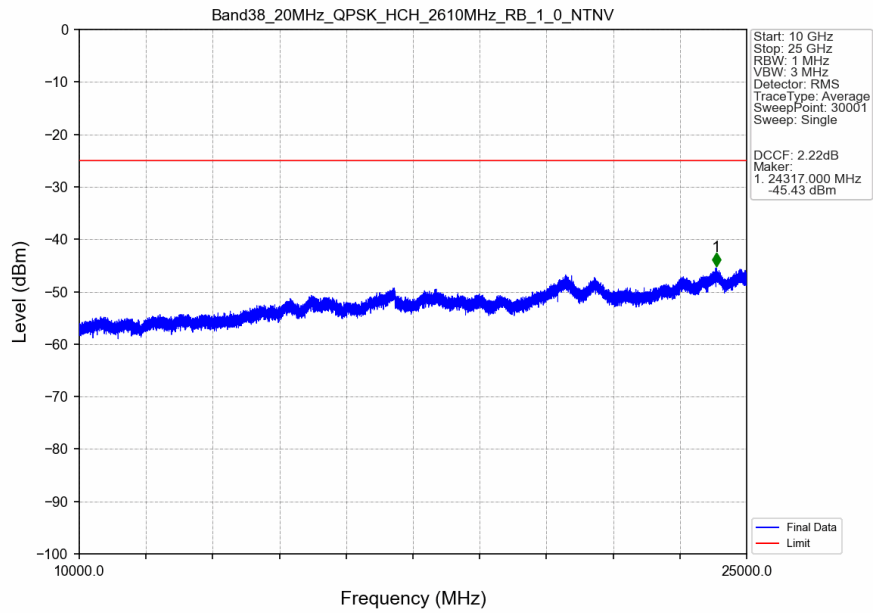
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



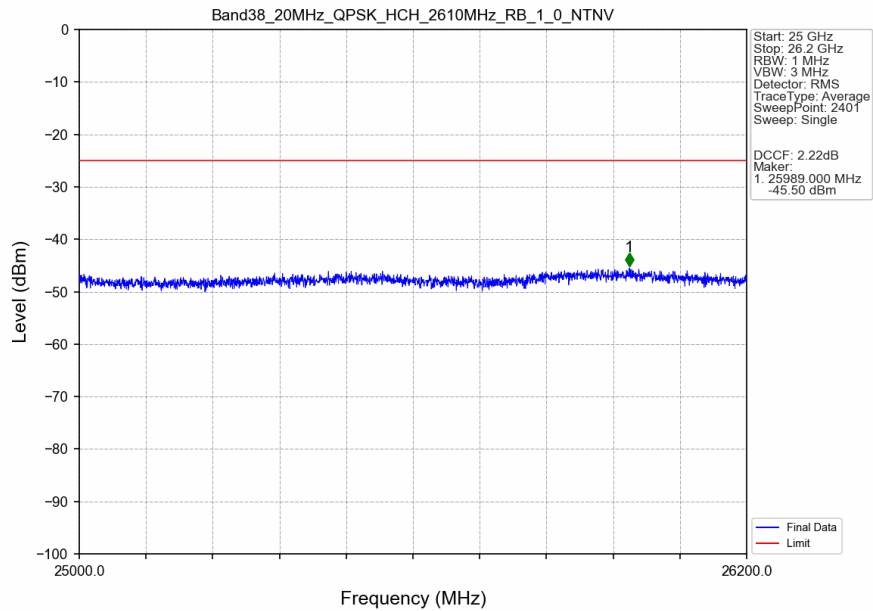
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



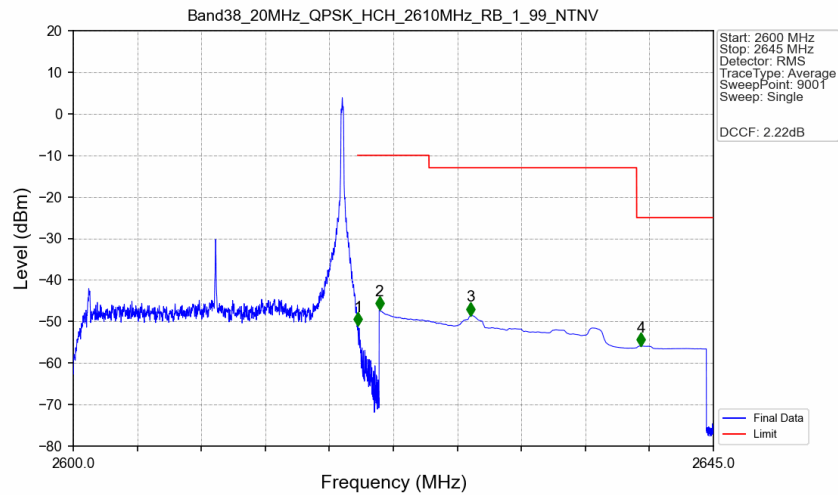
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



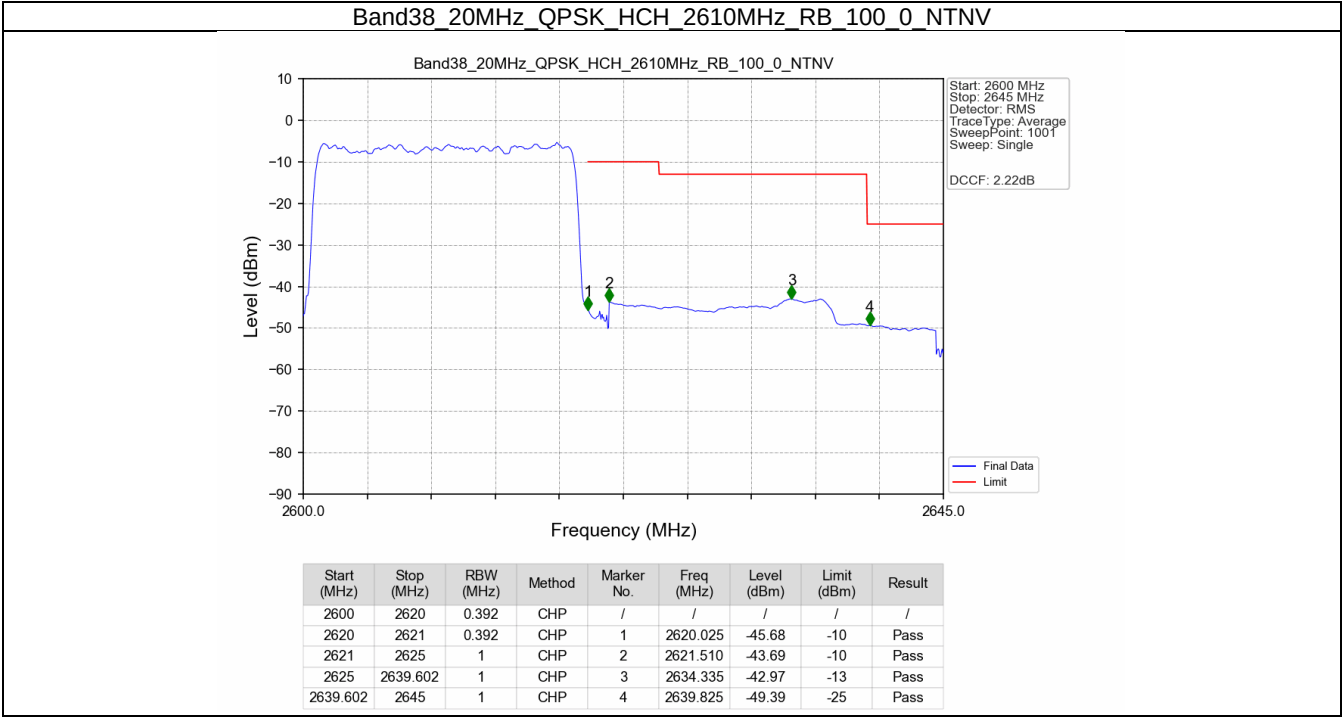
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



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	-50.93	-10	Pass
2621	2625	1	CHP	2	2621.520	-47.24	-10	Pass
2625	2639.602	1	CHP	3	2627.945	-48.52	-13	Pass
2639.602	2645	1	CHP	4	2639.900	-55.90	-25	Pass



- End of the Appendix -