

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	23.31	-3.10	20.21	<=33.01	Pass
			13	23.42	-3.10	20.32	<=33.01	Pass
			24	23.19	-3.10	20.09	<=33.01	Pass
		12	0	22.28	-3.10	19.18	<=33.01	Pass
			6	22.31	-3.10	19.21	<=33.01	Pass
			13	22.21	-3.10	19.11	<=33.01	Pass
		25	0	22.25	-3.10	19.15	<=33.01	Pass
	2595	1	0	23.52	-3.10	20.42	<=33.01	Pass
			13	23.66	-3.10	20.56	<=33.01	Pass
			24	23.48	-3.10	20.38	<=33.01	Pass
		12	0	22.58	-3.10	19.48	<=33.01	Pass
			6	22.60	-3.10	19.50	<=33.01	Pass
			13	22.50	-3.10	19.40	<=33.01	Pass
		25	0	22.57	-3.10	19.47	<=33.01	Pass
	2617.5	1	0	23.86	-3.10	20.76	<=33.01	Pass
			13	23.98	-3.10	20.88	<=33.01	Pass
			24	23.88	-3.10	20.78	<=33.01	Pass
		12	0	22.95	-3.10	19.85	<=33.01	Pass
			6	22.99	-3.10	19.89	<=33.01	Pass
			13	22.93	-3.10	19.83	<=33.01	Pass
		25	0	22.97	-3.10	19.87	<=33.01	Pass
16QAM	2572.5	1	0	22.30	-3.10	19.20	<=33.01	Pass
			13	22.59	-3.10	19.49	<=33.01	Pass
			24	22.18	-3.10	19.08	<=33.01	Pass
		12	0	21.17	-3.10	18.07	<=33.01	Pass
			6	21.21	-3.10	18.11	<=33.01	Pass
			13	21.15	-3.10	18.05	<=33.01	Pass
		25	0	21.21	-3.10	18.11	<=33.01	Pass
	2595	1	0	22.71	-3.10	19.61	<=33.01	Pass
			13	22.39	-3.10	19.29	<=33.01	Pass
			24	22.23	-3.10	19.13	<=33.01	Pass
		12	0	21.48	-3.10	18.38	<=33.01	Pass
			6	21.55	-3.10	18.45	<=33.01	Pass
			13	21.46	-3.10	18.36	<=33.01	Pass
		25	0	21.58	-3.10	18.48	<=33.01	Pass
	2617.5	1	0	22.92	-3.10	19.82	<=33.01	Pass
			13	23.08	-3.10	19.98	<=33.01	Pass
			24	22.93	-3.10	19.83	<=33.01	Pass
		12	0	21.90	-3.10	18.80	<=33.01	Pass
			6	22.00	-3.10	18.90	<=33.01	Pass
			13	21.87	-3.10	18.77	<=33.01	Pass
		25	0	21.95	-3.10	18.85	<=33.01	Pass
64QAM	2572.5	1	0	21.21	-3.10	18.11	<=33.01	Pass
			13	21.08	-3.10	17.98	<=33.01	Pass
			24	21.61	-3.10	18.51	<=33.01	Pass
		12	0	20.33	-3.10	17.23	<=33.01	Pass
			6	20.28	-3.10	17.18	<=33.01	Pass
			13	20.32	-3.10	17.22	<=33.01	Pass
		25	0	20.40	-3.10	17.30	<=33.01	Pass

	2595	1	0	21.39	-3.10	18.29	<=33.01	Pass
			13	21.51	-3.10	18.41	<=33.01	Pass
			24	21.52	-3.10	18.42	<=33.01	Pass
		12	0	20.54	-3.10	17.44	<=33.01	Pass
			6	20.46	-3.10	17.36	<=33.01	Pass
			13	20.44	-3.10	17.34	<=33.01	Pass
		25	0	20.55	-3.10	17.45	<=33.01	Pass
	2617.5	1	0	21.88	-3.10	18.78	<=33.01	Pass
			13	22.11	-3.10	19.01	<=33.01	Pass
			24	22.00	-3.10	18.90	<=33.01	Pass
		12	0	20.86	-3.10	17.76	<=33.01	Pass
			6	21.00	-3.10	17.90	<=33.01	Pass
			13	20.86	-3.10	17.76	<=33.01	Pass
		25	0	20.91	-3.10	17.81	<=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	23.34	-3.10	20.24	<=33.01	Pass
			25	23.31	-3.10	20.21	<=33.01	Pass
			49	23.35	-3.10	20.25	<=33.01	Pass
		25	0	22.29	-3.10	19.19	<=33.01	Pass
			13	22.33	-3.10	19.23	<=33.01	Pass
			25	22.28	-3.10	19.18	<=33.01	Pass
		50	0	22.28	-3.10	19.18	<=33.01	Pass
	2595	1	0	23.68	-3.10	20.58	<=33.01	Pass
			25	23.76	-3.10	20.66	<=33.01	Pass
			49	23.69	-3.10	20.59	<=33.01	Pass
		25	0	22.62	-3.10	19.52	<=33.01	Pass
			13	22.67	-3.10	19.57	<=33.01	Pass
			25	22.59	-3.10	19.49	<=33.01	Pass
		50	0	22.60	-3.10	19.50	<=33.01	Pass
	2615	1	0	24.02	-3.10	20.92	<=33.01	Pass
			25	24.00	-3.10	20.90	<=33.01	Pass
			49	24.10	-3.10	21.00	<=33.01	Pass
		25	0	22.95	-3.10	19.85	<=33.01	Pass
			13	23.01	-3.10	19.91	<=33.01	Pass
			25	22.95	-3.10	19.85	<=33.01	Pass
		50	0	22.96	-3.10	19.86	<=33.01	Pass
16QAM	2575	1	0	22.47	-3.10	19.37	<=33.01	Pass
			25	22.46	-3.10	19.36	<=33.01	Pass
			49	22.42	-3.10	19.32	<=33.01	Pass
		25	0	21.35	-3.10	18.25	<=33.01	Pass
			13	21.29	-3.10	18.19	<=33.01	Pass
			25	21.29	-3.10	18.19	<=33.01	Pass
		50	0	21.30	-3.10	18.20	<=33.01	Pass
	2595	1	0	22.51	-3.10	19.41	<=33.01	Pass
			25	22.48	-3.10	19.38	<=33.01	Pass
			49	22.45	-3.10	19.35	<=33.01	Pass
		25	0	21.64	-3.10	18.54	<=33.01	Pass
			13	21.67	-3.10	18.57	<=33.01	Pass
			25	21.57	-3.10	18.47	<=33.01	Pass
		50	0	21.56	-3.10	18.46	<=33.01	Pass
	2615	1	0	22.86	-3.10	19.76	<=33.01	Pass

64QAM		25	25	22.96	-3.10	19.86	<=33.01	Pass
			49	22.66	-3.10	19.56	<=33.01	Pass
			0	21.97	-3.10	18.87	<=33.01	Pass
			13	22.00	-3.10	18.90	<=33.01	Pass
			25	21.96	-3.10	18.86	<=33.01	Pass
		50	0	21.93	-3.10	18.83	<=33.01	Pass
	2575	1	0	21.46	-3.10	18.36	<=33.01	Pass
			25	20.80	-3.10	17.70	<=33.01	Pass
			49	21.44	-3.10	18.34	<=33.01	Pass
		25	0	20.30	-3.10	17.20	<=33.01	Pass
			13	20.31	-3.10	17.21	<=33.01	Pass
			25	20.29	-3.10	17.19	<=33.01	Pass
		50	0	20.38	-3.10	17.28	<=33.01	Pass
	2595	1	0	21.38	-3.10	18.28	<=33.01	Pass
			25	21.85	-3.10	18.75	<=33.01	Pass
			49	21.79	-3.10	18.69	<=33.01	Pass
		25	0	20.60	-3.10	17.50	<=33.01	Pass
			13	20.61	-3.10	17.51	<=33.01	Pass
			25	20.53	-3.10	17.43	<=33.01	Pass
		50	0	20.54	-3.10	17.44	<=33.01	Pass
	2615	1	0	21.52	-3.10	18.42	<=33.01	Pass
			25	21.62	-3.10	18.52	<=33.01	Pass
			49	21.62	-3.10	18.52	<=33.01	Pass
		25	0	20.89	-3.10	17.79	<=33.01	Pass
			13	20.95	-3.10	17.85	<=33.01	Pass
			25	20.95	-3.10	17.85	<=33.01	Pass
		50	0	20.87	-3.10	17.77	<=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	23.27	-3.10	20.17	<=33.01	Pass
			38	23.40	-3.10	20.30	<=33.01	Pass
			74	23.36	-3.10	20.26	<=33.01	Pass
		36	0	22.31	-3.10	19.21	<=33.01	Pass
			18	22.40	-3.10	19.30	<=33.01	Pass
			39	22.33	-3.10	19.23	<=33.01	Pass
		75	0	22.39	-3.10	19.29	<=33.01	Pass
	2595	1	0	23.56	-3.10	20.46	<=33.01	Pass
			38	23.72	-3.10	20.62	<=33.01	Pass
			74	23.64	-3.10	20.54	<=33.01	Pass
		36	0	22.57	-3.10	19.47	<=33.01	Pass
			18	22.64	-3.10	19.54	<=33.01	Pass
			39	22.59	-3.10	19.49	<=33.01	Pass
		75	0	22.62	-3.10	19.52	<=33.01	Pass
	2612.5	1	0	23.83	-3.10	20.73	<=33.01	Pass
			38	23.99	-3.10	20.89	<=33.01	Pass
			74	24.05	-3.10	20.95	<=33.01	Pass
		36	0	22.86	-3.10	19.76	<=33.01	Pass
			18	22.97	-3.10	19.87	<=33.01	Pass
			39	22.94	-3.10	19.84	<=33.01	Pass
		75	0	22.91	-3.10	19.81	<=33.01	Pass
16QAM	2577.5	1	0	22.07	-3.10	18.97	<=33.01	Pass
			38	22.47	-3.10	19.37	<=33.01	Pass

		36	74	22.14	-3.10	19.04	<=33.01	Pass	
			0	21.22	-3.10	18.12	<=33.01	Pass	
				18	21.27	-3.10	18.17	<=33.01	Pass
				39	21.30	-3.10	18.20	<=33.01	Pass
		75	0	21.25	-3.10	18.15	<=33.01	Pass	
	2595	1	0	22.45	-3.10	19.35	<=33.01	Pass	
			38	22.55	-3.10	19.45	<=33.01	Pass	
			74	22.48	-3.10	19.38	<=33.01	Pass	
		36	0	21.56	-3.10	18.46	<=33.01	Pass	
			18	21.62	-3.10	18.52	<=33.01	Pass	
			39	21.50	-3.10	18.40	<=33.01	Pass	
		75	0	21.53	-3.10	18.43	<=33.01	Pass	
		2612.5	1	0	22.79	-3.10	19.69	<=33.01	Pass
	38			22.77	-3.10	19.67	<=33.01	Pass	
	74			22.77	-3.10	19.67	<=33.01	Pass	
	36		0	21.81	-3.10	18.71	<=33.01	Pass	
			18	21.91	-3.10	18.81	<=33.01	Pass	
			39	21.90	-3.10	18.80	<=33.01	Pass	
	75		0	21.86	-3.10	18.76	<=33.01	Pass	
	64QAM	2577.5	1	0	20.83	-3.10	17.73	<=33.01	Pass
				38	21.52	-3.10	18.42	<=33.01	Pass
				74	21.61	-3.10	18.51	<=33.01	Pass
			36	0	20.24	-3.10	17.14	<=33.01	Pass
				18	20.35	-3.10	17.25	<=33.01	Pass
39				20.29	-3.10	17.19	<=33.01	Pass	
75			0	20.24	-3.10	17.14	<=33.01	Pass	
2595			1	0	21.32	-3.10	18.22	<=33.01	Pass
		38		21.48	-3.10	18.38	<=33.01	Pass	
		74		21.74	-3.10	18.64	<=33.01	Pass	
		36	0	20.56	-3.10	17.46	<=33.01	Pass	
			18	20.63	-3.10	17.53	<=33.01	Pass	
			39	20.55	-3.10	17.45	<=33.01	Pass	
75		0	20.52	-3.10	17.42	<=33.01	Pass		
2612.5		1	0	21.80	-3.10	18.70	<=33.01	Pass	
			38	22.06	-3.10	18.96	<=33.01	Pass	
			74	21.98	-3.10	18.88	<=33.01	Pass	
		36	0	20.88	-3.10	17.78	<=33.01	Pass	
			18	20.98	-3.10	17.88	<=33.01	Pass	
			39	20.86	-3.10	17.76	<=33.01	Pass	
		75	0	20.90	-3.10	17.80	<=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	23.25	-3.10	20.15	<=33.01	Pass
			50	23.45	-3.10	20.35	<=33.01	Pass
			99	23.45	-3.10	20.35	<=33.01	Pass
		50	0	22.30	-3.10	19.20	<=33.01	Pass
			25	22.43	-3.10	19.33	<=33.01	Pass
			50	22.36	-3.10	19.26	<=33.01	Pass
		100	0	22.33	-3.10	19.23	<=33.01	Pass
	2595	1	0	23.46	-3.10	20.36	<=33.01	Pass
			50	23.74	-3.10	20.64	<=33.01	Pass
			99	23.59	-3.10	20.49	<=33.01	Pass

		50	0	22.59	-3.10	19.49	<=33.01	Pass
			25	22.64	-3.10	19.54	<=33.01	Pass
			50	22.52	-3.10	19.42	<=33.01	Pass
		100	0	22.53	-3.10	19.43	<=33.01	Pass
	2610	1	0	23.51	-3.10	20.41	<=33.01	Pass
			50	23.87	-3.10	20.77	<=33.01	Pass
			99	23.81	-3.10	20.71	<=33.01	Pass
		50	0	22.72	-3.10	19.62	<=33.01	Pass
			25	22.87	-3.10	19.77	<=33.01	Pass
			50	22.83	-3.10	19.73	<=33.01	Pass
		100	0	22.76	-3.10	19.66	<=33.01	Pass
16QAM	2580	1	0	22.28	-3.10	19.18	<=33.01	Pass
			50	22.47	-3.10	19.37	<=33.01	Pass
			99	22.41	-3.10	19.31	<=33.01	Pass
		50	0	21.22	-3.10	18.12	<=33.01	Pass
			25	21.38	-3.10	18.28	<=33.01	Pass
			50	21.38	-3.10	18.28	<=33.01	Pass
		100	0	21.25	-3.10	18.15	<=33.01	Pass
	2595	1	0	22.06	-3.10	18.96	<=33.01	Pass
			50	22.38	-3.10	19.28	<=33.01	Pass
			99	22.22	-3.10	19.12	<=33.01	Pass
		50	0	21.57	-3.10	18.47	<=33.01	Pass
			25	21.64	-3.10	18.54	<=33.01	Pass
			50	21.47	-3.10	18.37	<=33.01	Pass
		100	0	21.50	-3.10	18.40	<=33.01	Pass
	2610	1	0	22.71	-3.10	19.61	<=33.01	Pass
			50	22.96	-3.10	19.86	<=33.01	Pass
			99	22.95	-3.10	19.85	<=33.01	Pass
		50	0	21.73	-3.10	18.63	<=33.01	Pass
			25	21.84	-3.10	18.74	<=33.01	Pass
			50	21.80	-3.10	18.70	<=33.01	Pass
		100	0	21.75	-3.10	18.65	<=33.01	Pass
64QAM	2580	1	0	21.18	-3.10	18.08	<=33.01	Pass
			50	21.32	-3.10	18.22	<=33.01	Pass
			99	21.13	-3.10	18.03	<=33.01	Pass
		50	0	20.17	-3.10	17.07	<=33.01	Pass
			25	20.40	-3.10	17.30	<=33.01	Pass
			50	20.43	-3.10	17.33	<=33.01	Pass
		100	0	20.25	-3.10	17.15	<=33.01	Pass
	2595	1	0	21.19	-3.10	18.09	<=33.01	Pass
			50	21.63	-3.10	18.53	<=33.01	Pass
			99	21.30	-3.10	18.20	<=33.01	Pass
		50	0	20.57	-3.10	17.47	<=33.01	Pass
			25	20.62	-3.10	17.52	<=33.01	Pass
			50	20.52	-3.10	17.42	<=33.01	Pass
		100	0	20.51	-3.10	17.41	<=33.01	Pass
	2610	1	0	21.74	-3.10	18.64	<=33.01	Pass
			50	22.00	-3.10	18.90	<=33.01	Pass
			99	22.00	-3.10	18.90	<=33.01	Pass
		50	0	20.78	-3.10	17.68	<=33.01	Pass
			25	20.82	-3.10	17.72	<=33.01	Pass
			50	20.82	-3.10	17.72	<=33.01	Pass
		100	0	20.78	-3.10	17.68	<=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	-5.460	-0.0021	-2.5 to 2.5	Pass
					NV	-6.401	-0.0025	-2.5 to 2.5	Pass
					HV	-5.505	-0.0021	-2.5 to 2.5	Pass
				-30	NV	-5.329	-0.0021	-2.5 to 2.5	Pass
				-20	NV	-8.664	-0.0033	-2.5 to 2.5	Pass
				-10	NV	-7.901	-0.0030	-2.5 to 2.5	Pass
				0	NV	-9.994	-0.0039	-2.5 to 2.5	Pass
				10	NV	-6.011	-0.0023	-2.5 to 2.5	Pass
				30	NV	-0.598	-0.0002	-2.5 to 2.5	Pass
				40	NV	-7.134	-0.0027	-2.5 to 2.5	Pass
				50	NV	2.058	0.0008	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band38_OBW

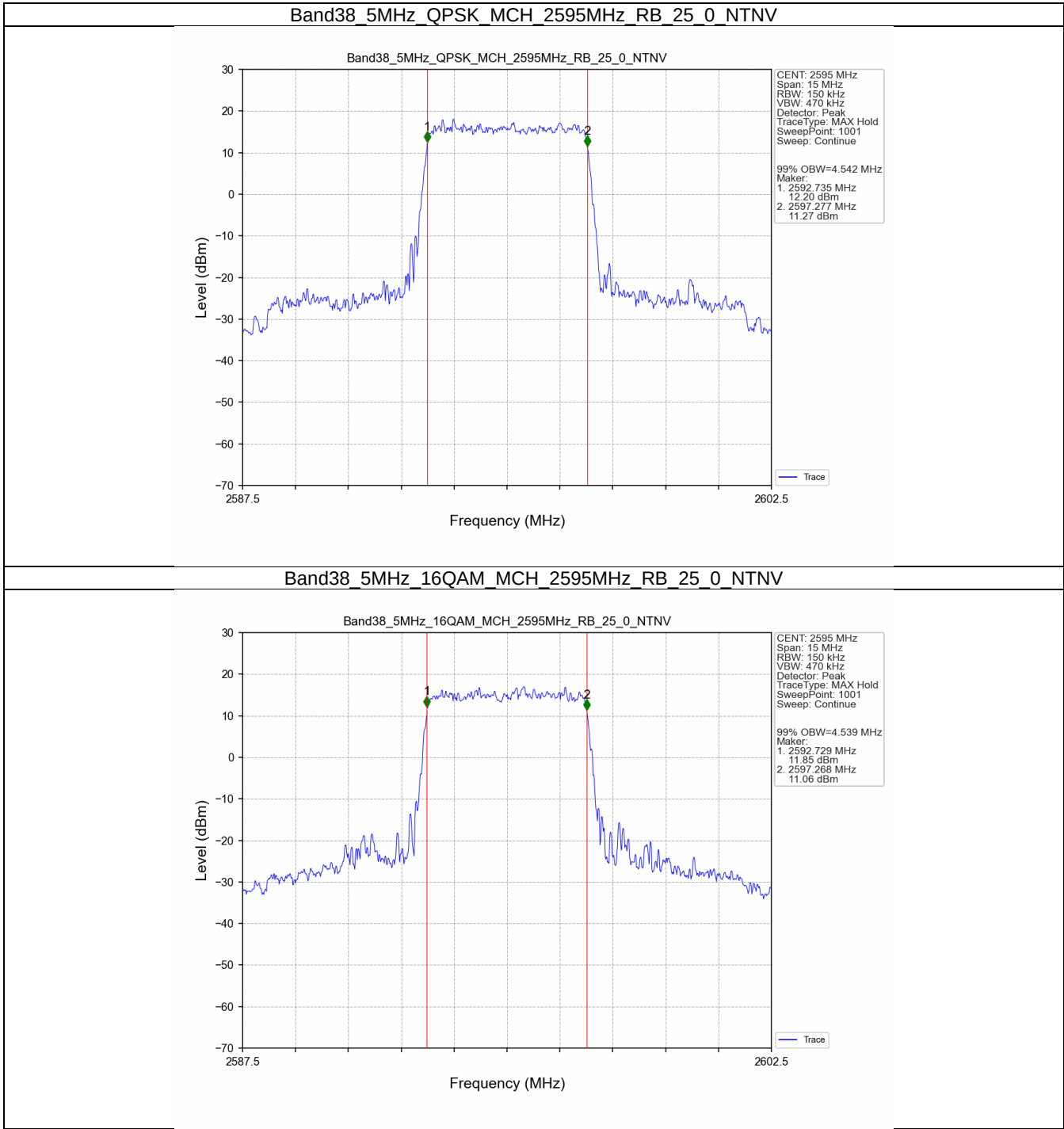
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	4.542	/	Pass
	16QAM	2595	25	0	4.539	/	Pass
	64QAM	2595	25	0	4.543	/	Pass
10	QPSK	2595	50	0	9.056	/	Pass
	16QAM	2595	50	0	9.055	/	Pass
	64QAM	2595	50	0	9.068	/	Pass
15	QPSK	2595	75	0	13.571	/	Pass
	16QAM	2595	75	0	13.610	/	Pass
	64QAM	2595	75	0	13.517	/	Pass
20	QPSK	2595	100	0	18.071	/	Pass
	16QAM	2595	100	0	18.008	/	Pass
	64QAM	2595	100	0	17.992	/	Pass

3.1.2 Band38_XDB

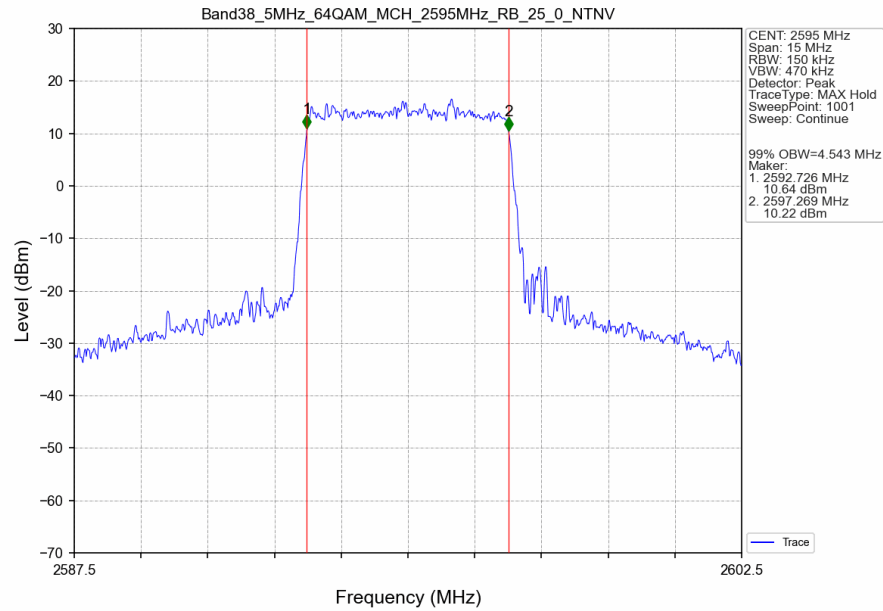
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	5.011	/	Pass
	16QAM	2595	25	0	4.997	/	Pass
	64QAM	2595	25	0	4.958	/	Pass
10	QPSK	2595	50	0	11.012	/	Pass
	16QAM	2595	50	0	9.885	/	Pass
	64QAM	2595	50	0	9.886	/	Pass
15	QPSK	2595	75	0	14.841	/	Pass
	16QAM	2595	75	0	14.763	/	Pass
	64QAM	2595	75	0	14.801	/	Pass
20	QPSK	2595	100	0	19.553	/	Pass
	16QAM	2595	100	0	19.608	/	Pass
	64QAM	2595	100	0	19.714	/	Pass

3.2 Test Graph

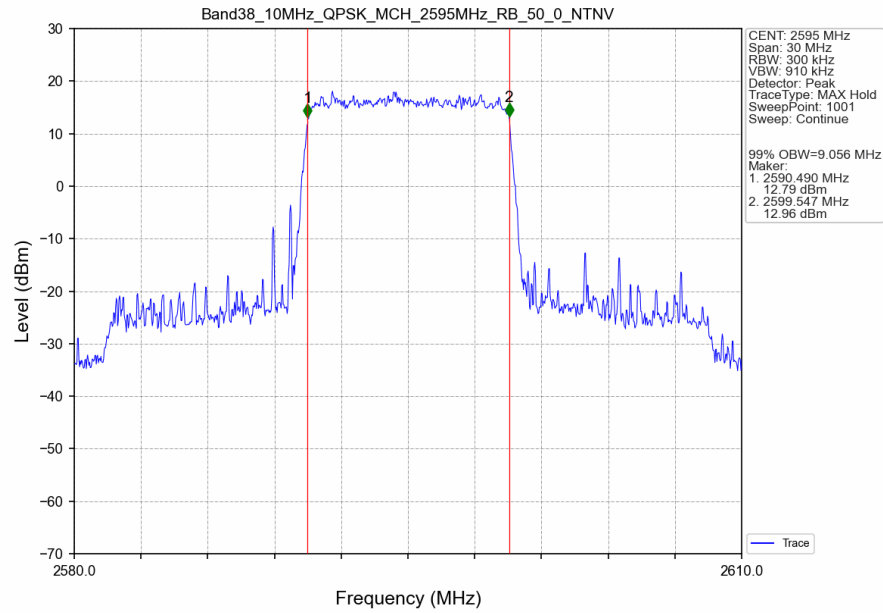
3.2.1 Band38_OBW



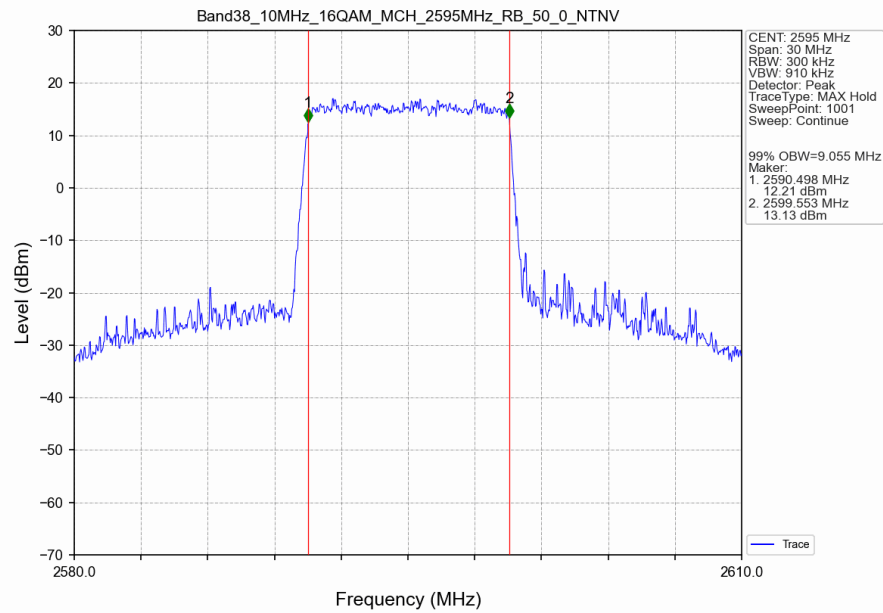
Band38 5MHz 64QAM MCH 2595MHz RB 25 0 NTV



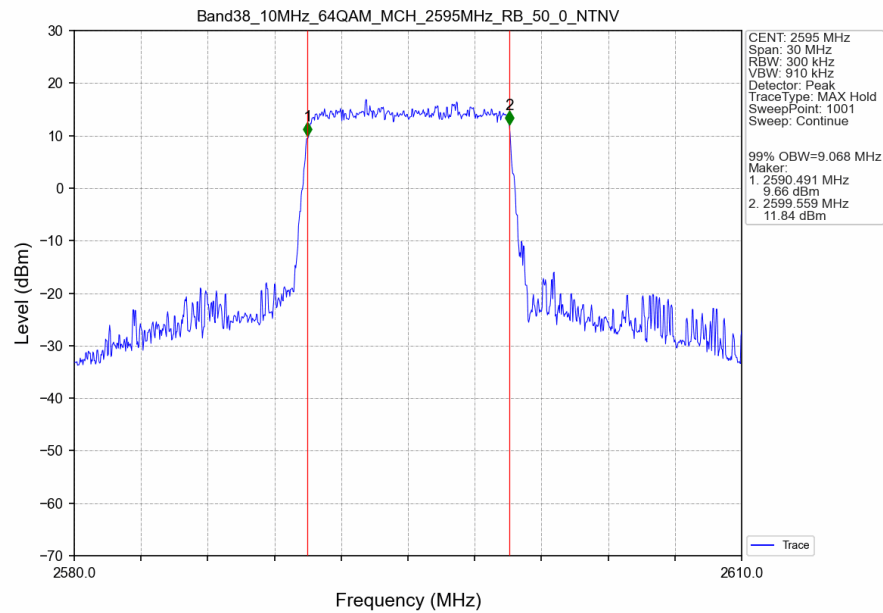
Band38 10MHz QPSK MCH 2595MHz RB 50 0 NTV



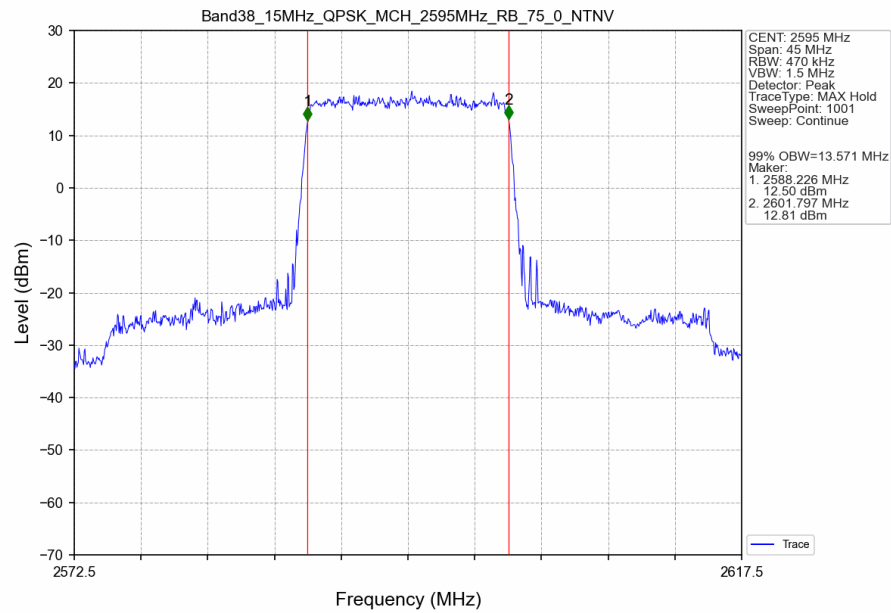
Band38 10MHz 16QAM MCH 2595MHz RB 50 0 NTNV



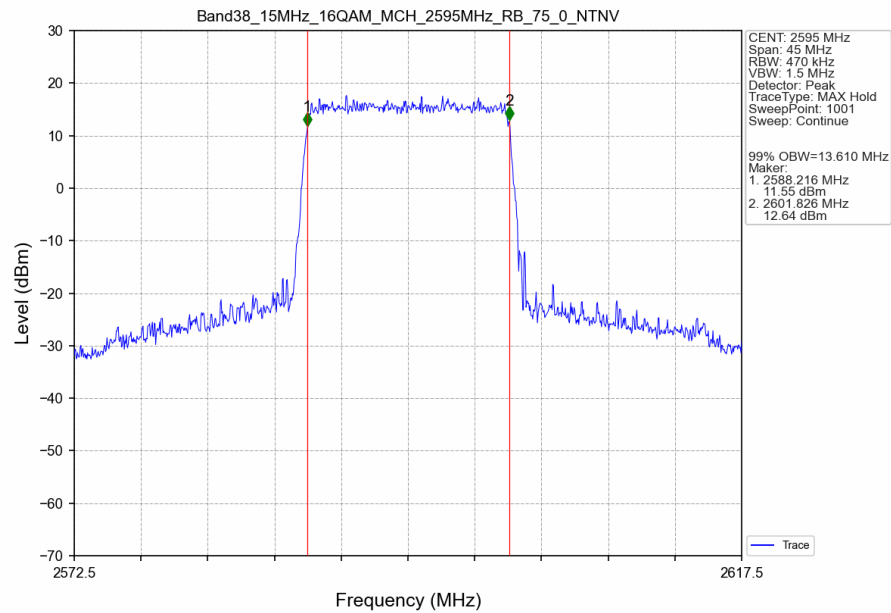
Band38 10MHz 64QAM MCH 2595MHz RB 50 0 NTNV



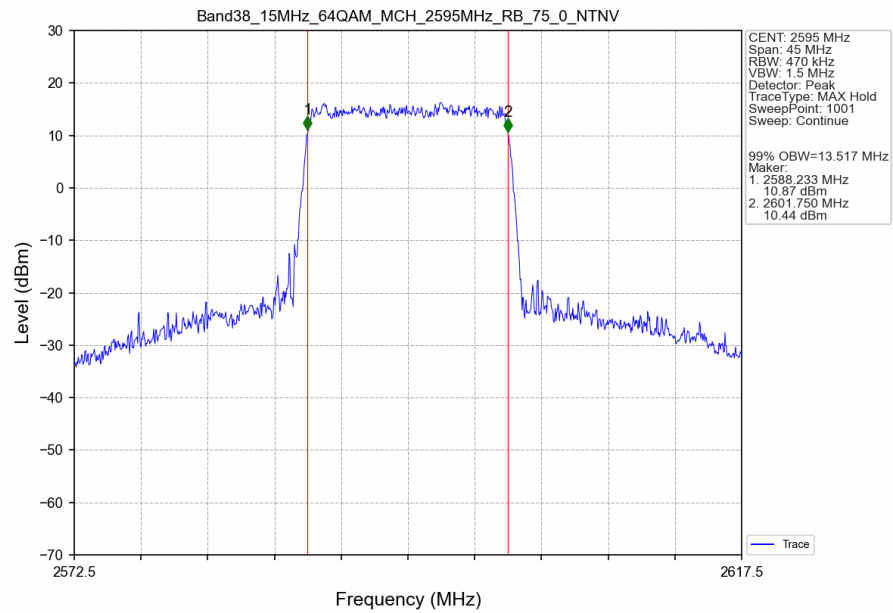
Band38 15MHz QPSK MCH 2595MHz RB 75 0 NTV



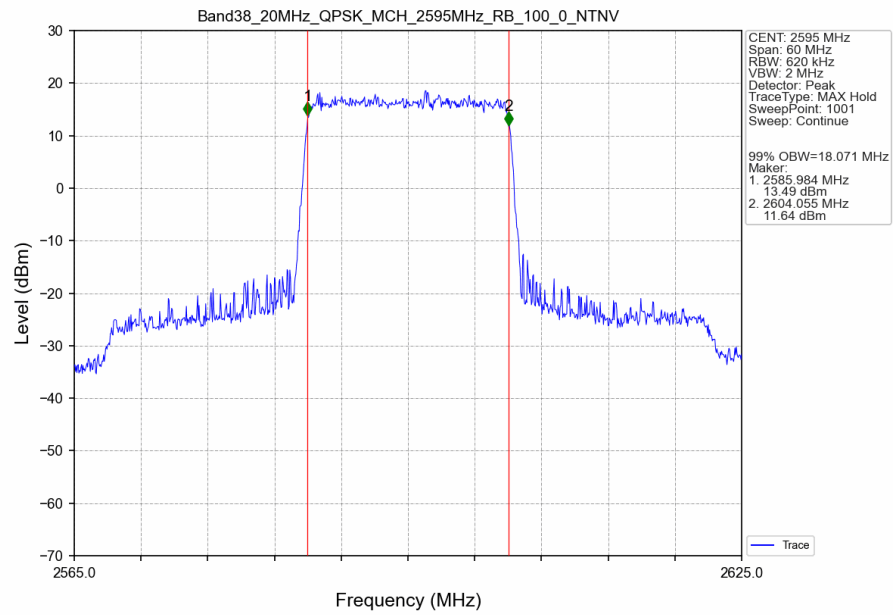
Band38 15MHz 16QAM MCH 2595MHz RB 75 0 NTV



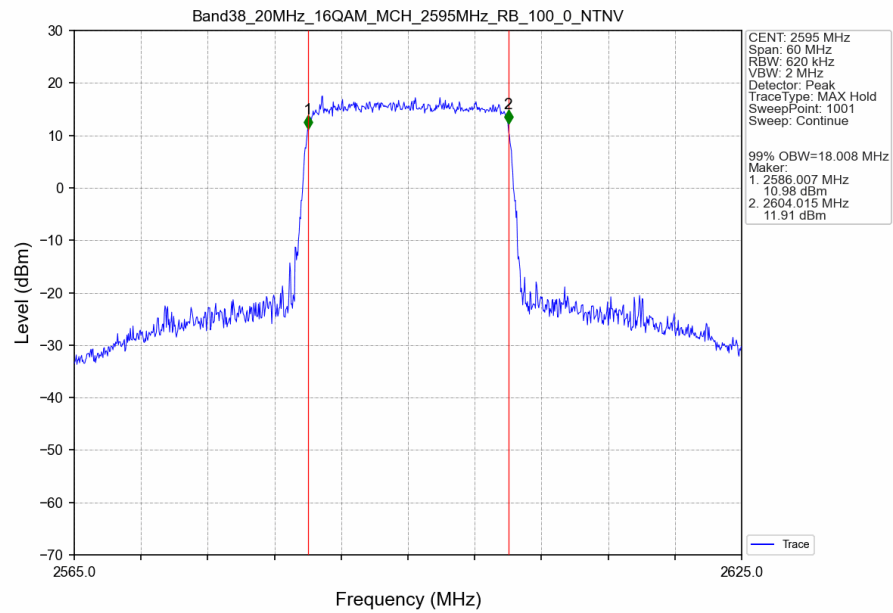
Band38 15MHz 64QAM MCH 2595MHz RB 75 0 NTNV



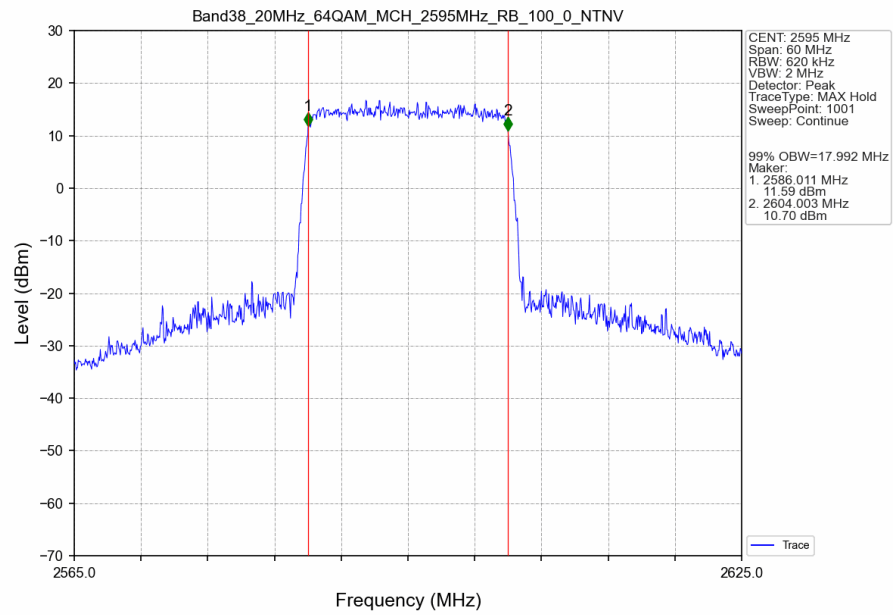
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTNV



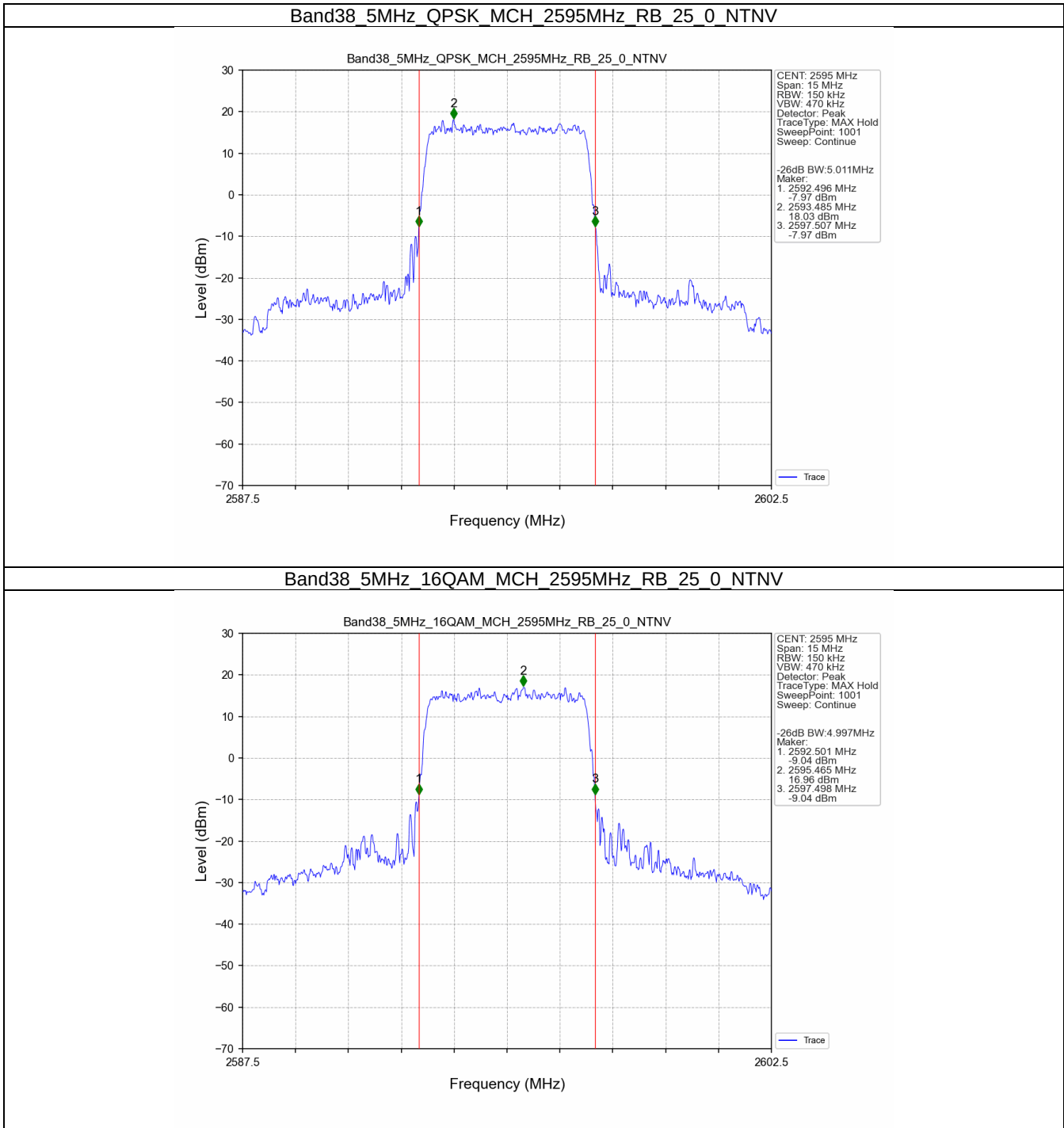
Band38 20MHz 16QAM MCH 2595MHz RB 100 0 NTNV



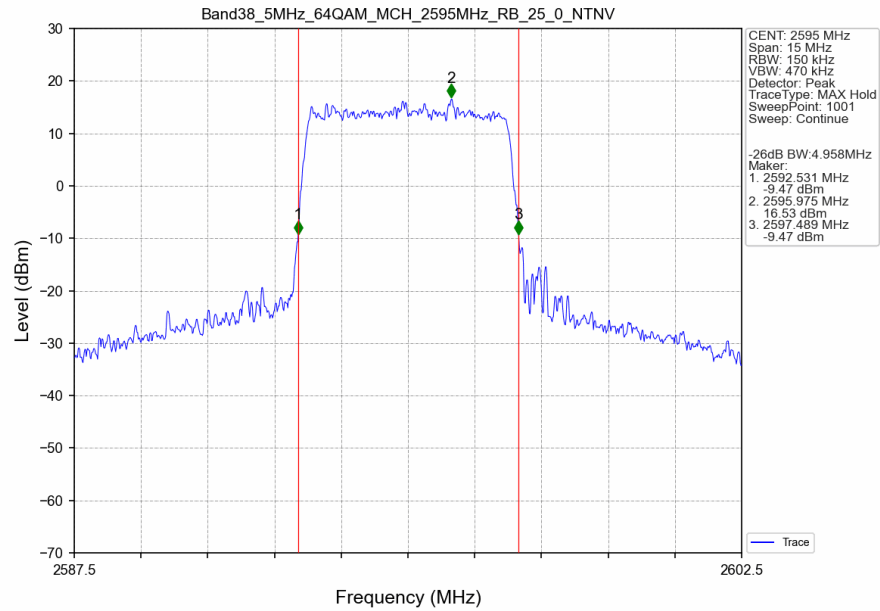
Band38 20MHz 64QAM MCH 2595MHz RB 100 0 NTNV



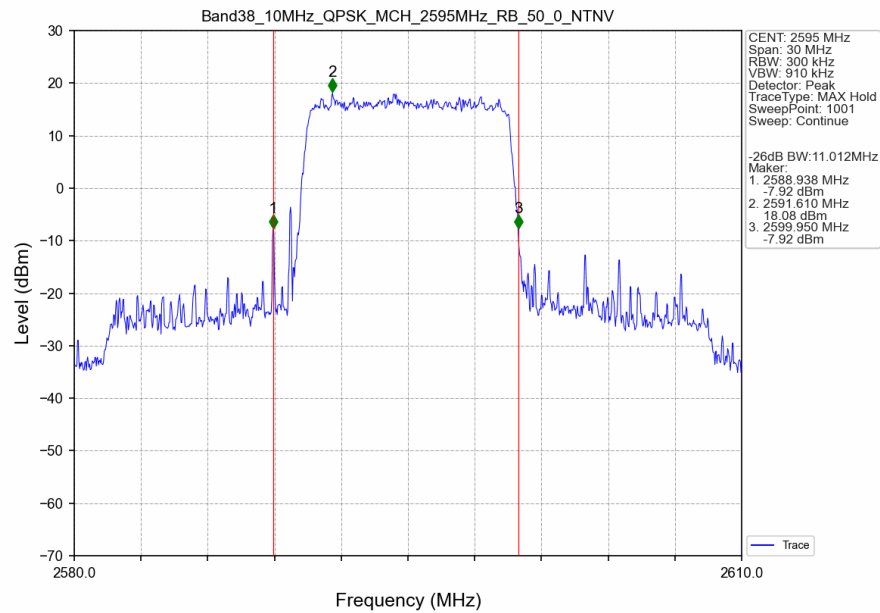
3.2.2 Band38_XDB



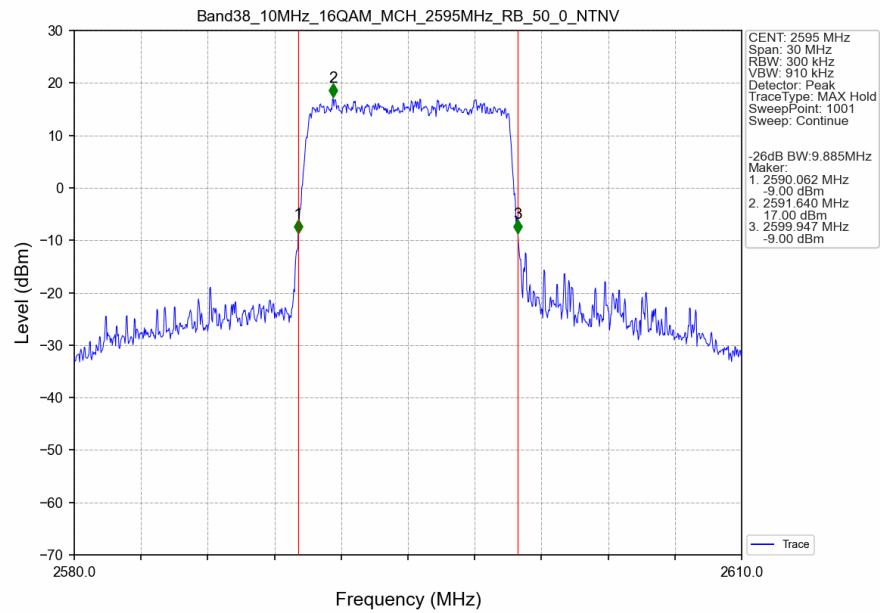
Band38 5MHz 64QAM MCH 2595MHz RB 25 0 NTNV



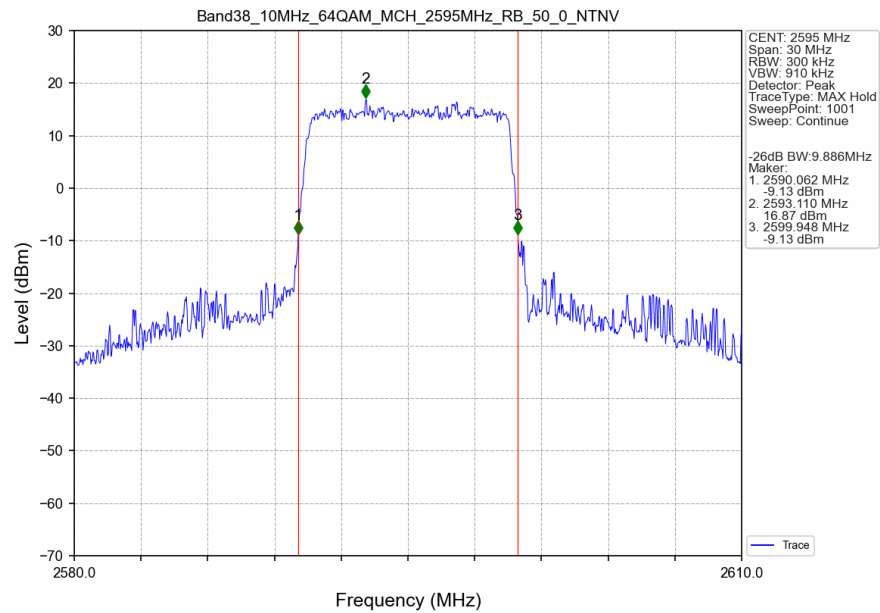
Band38 10MHz QPSK MCH 2595MHz RB 50 0 NTNV



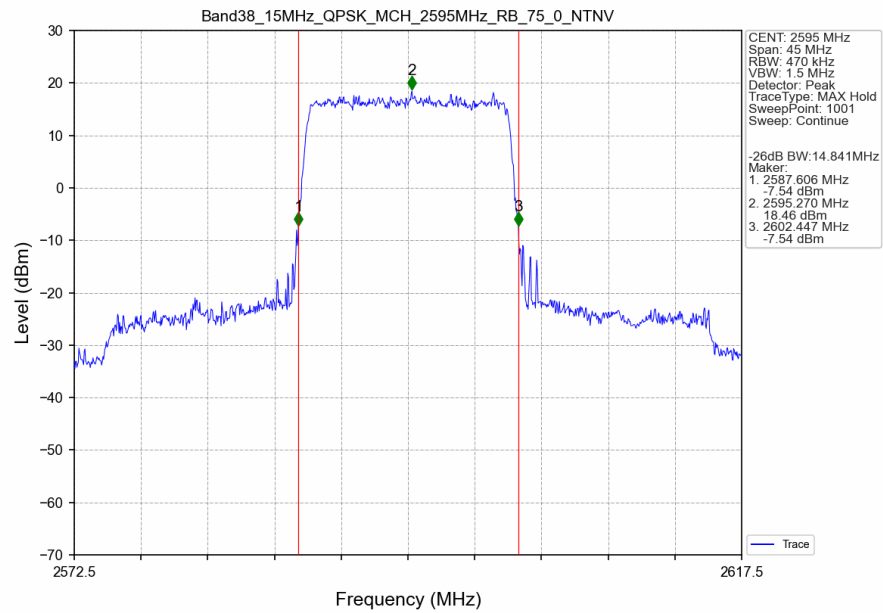
Band38 10MHz 16QAM MCH 2595MHz RB 50 0 NTN



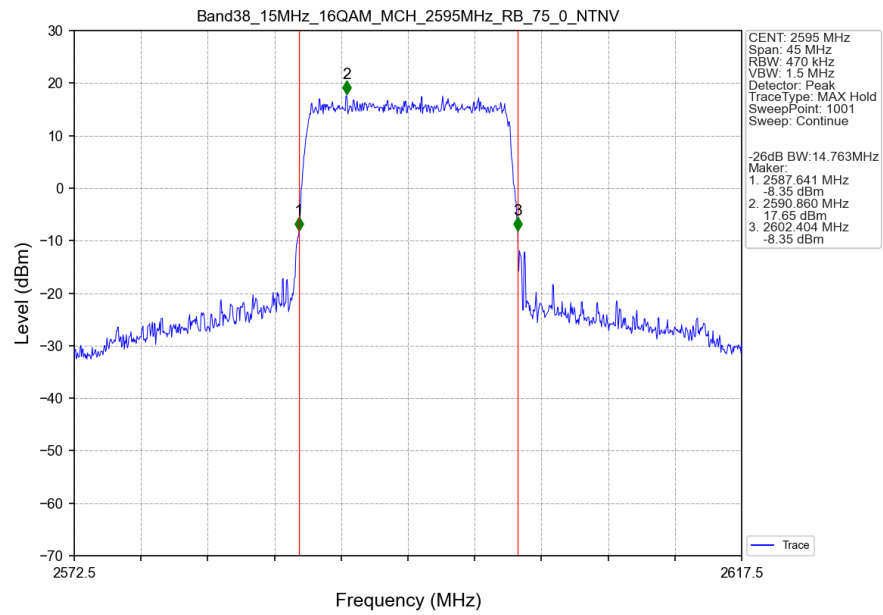
Band38 10MHz 64QAM MCH 2595MHz RB 50 0 NTN



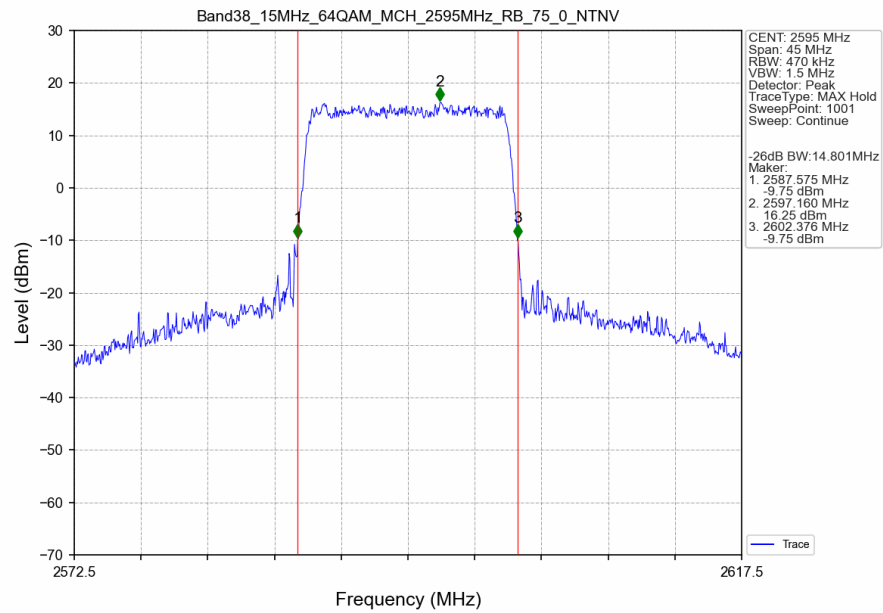
Band38 15MHz QPSK MCH 2595MHz RB 75 0 NTNV



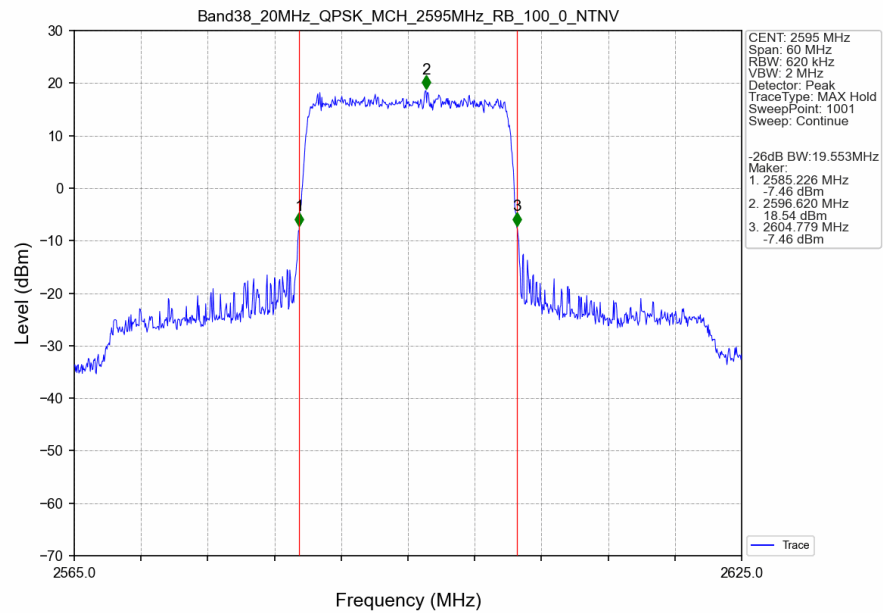
Band38 15MHz 16QAM MCH 2595MHz RB 75 0 NTNV



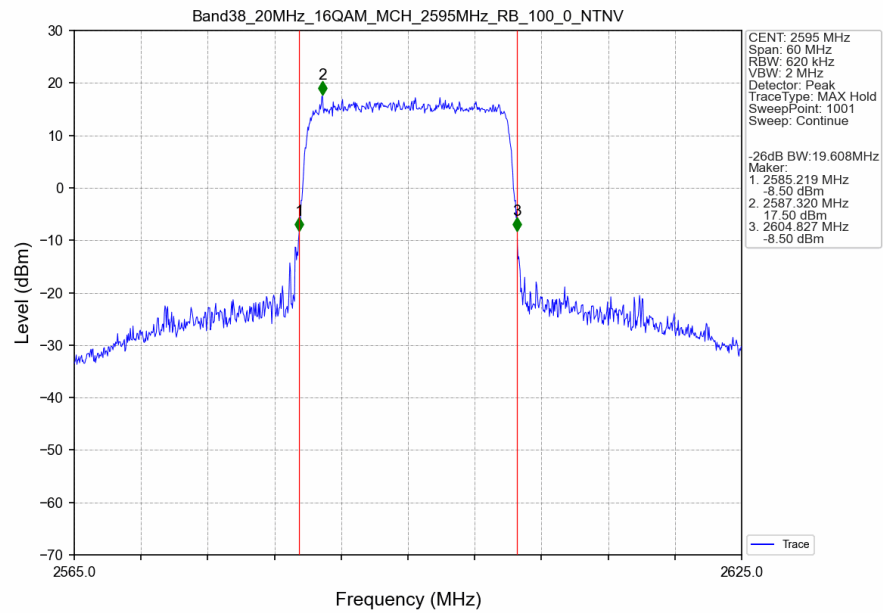
Band38 15MHz 64QAM MCH 2595MHz RB 75 0 NTNV



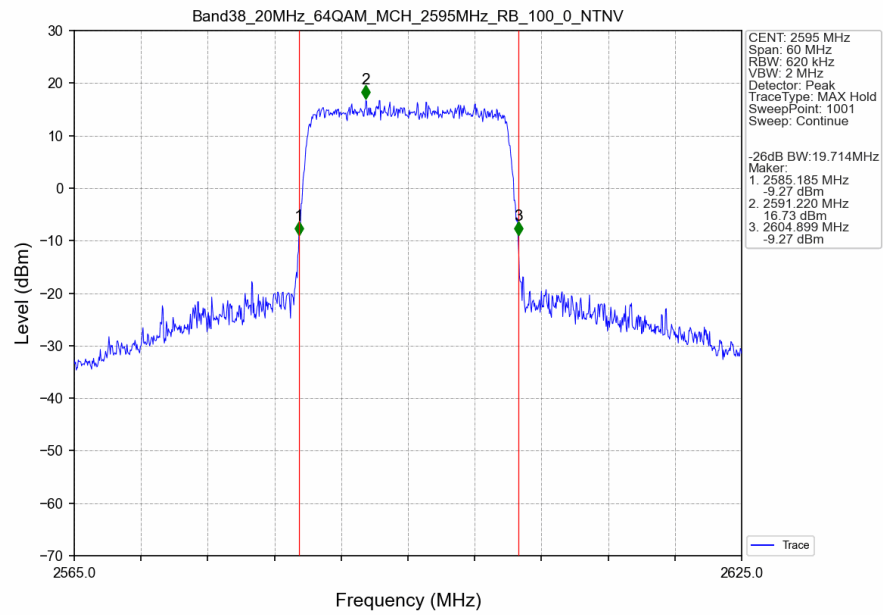
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTNV



Band38 20MHz 16QAM MCH 2595MHz RB 100 0 NTN



Band38 20MHz 64QAM MCH 2595MHz RB 100 0 NTN



4. Peak-Average Ratio

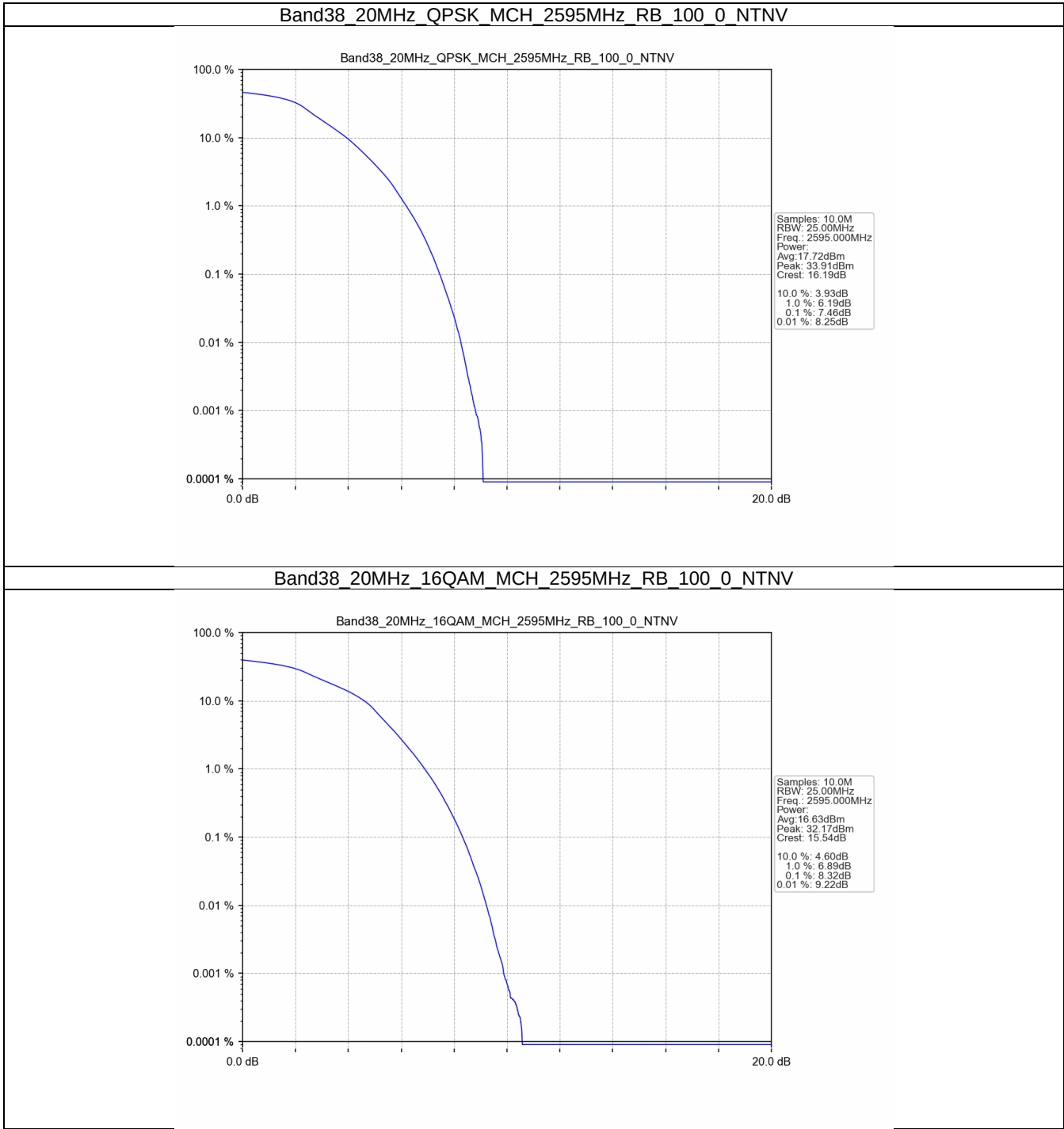
4.1 Test Result

4.1.1 B38_20MHz

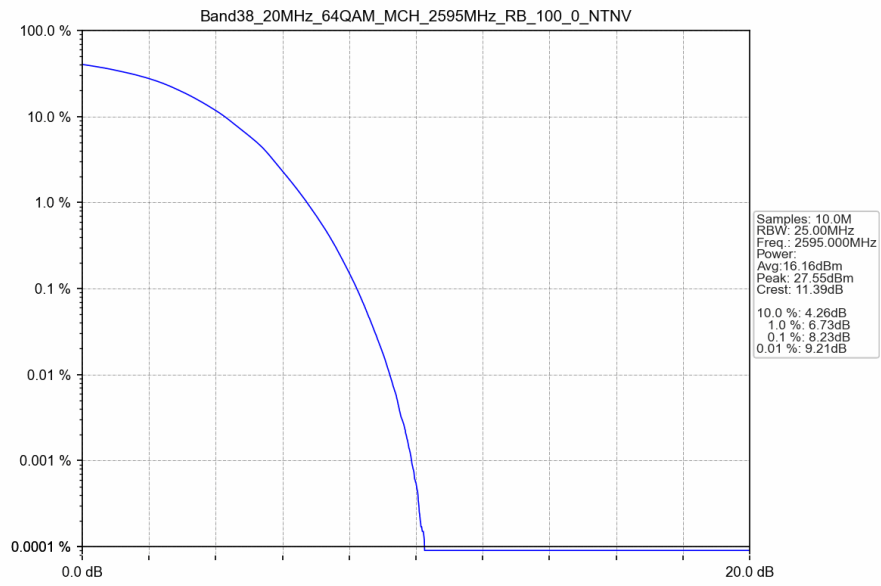
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2595	100	0	7.46	<=13	Pass
16QAM	2595	100	0	8.32	<=13	Pass
64QAM	2595	100	0	8.23	<=13	Pass

4.2 Test Graph

4.2.1 B38_20MHz



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

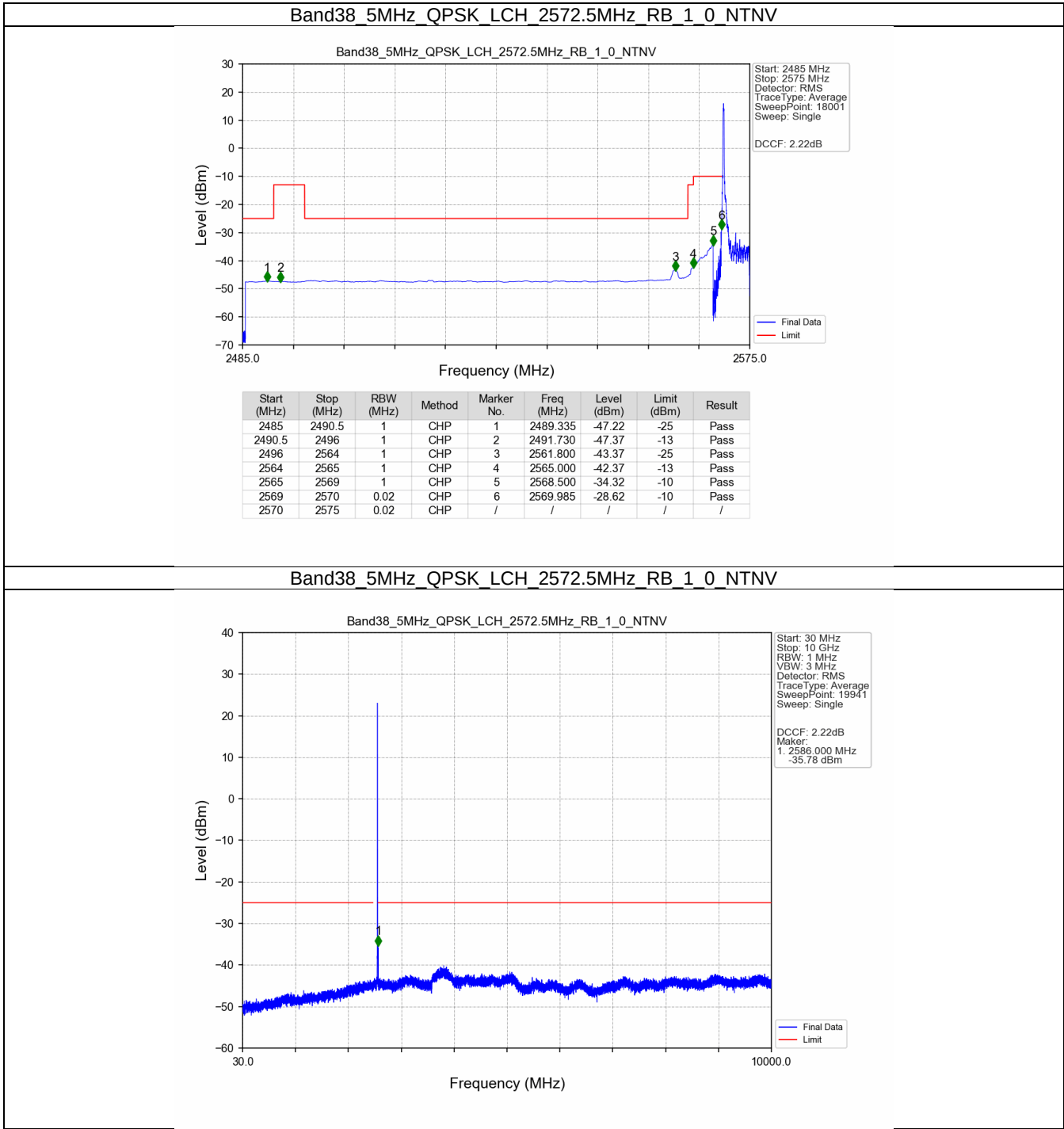
Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B38_20MHz

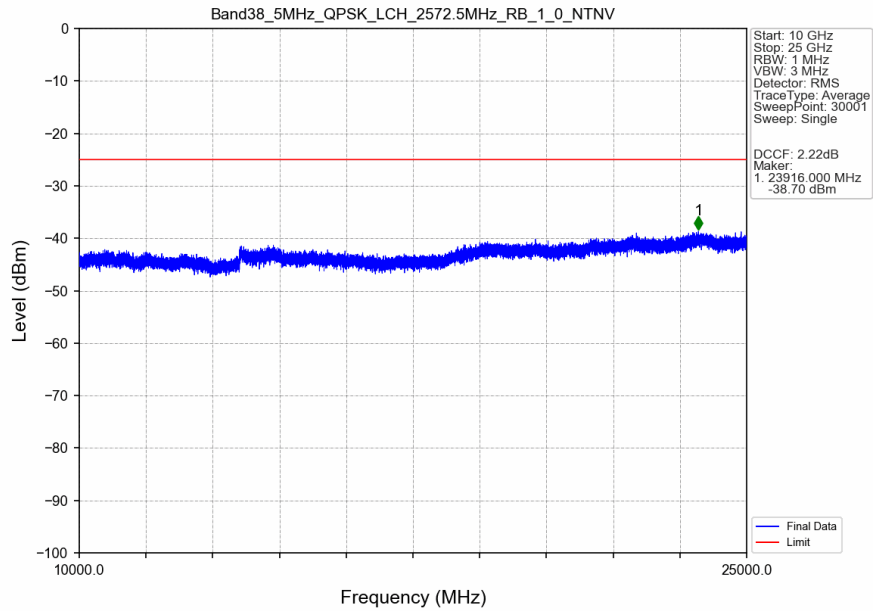
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

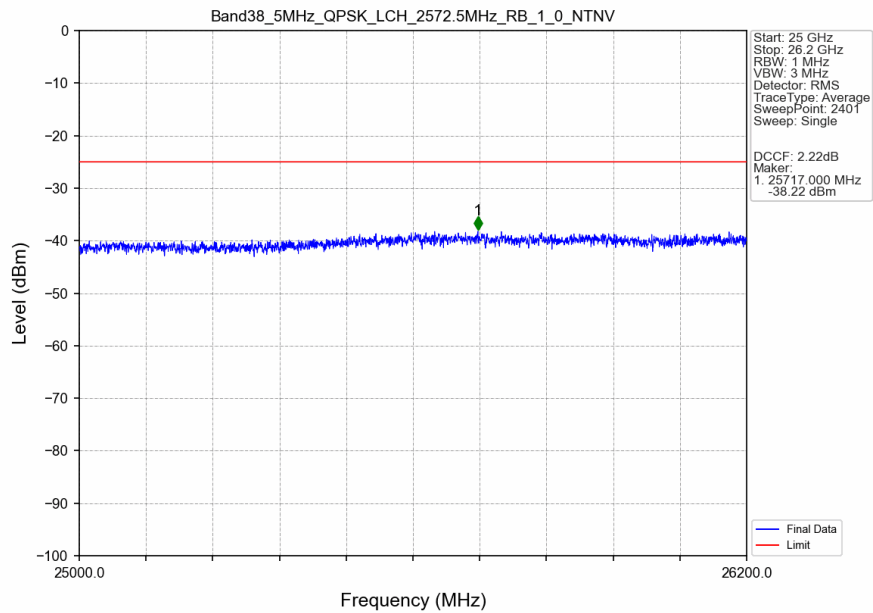
5.2.1 B38_5MHz



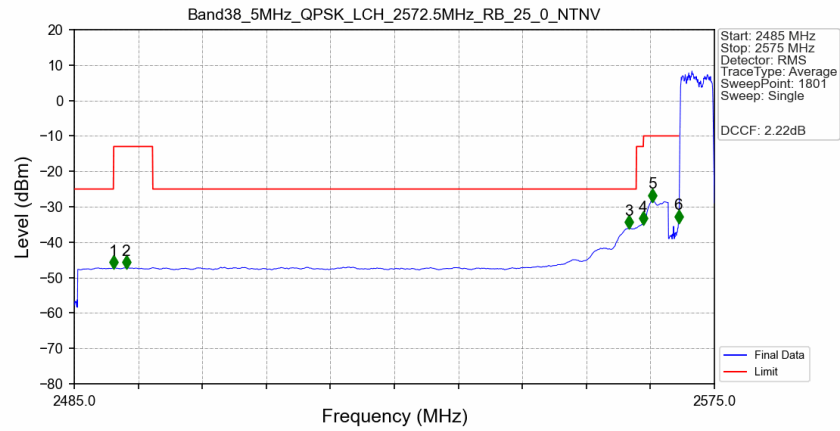
Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTNV



Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTNV

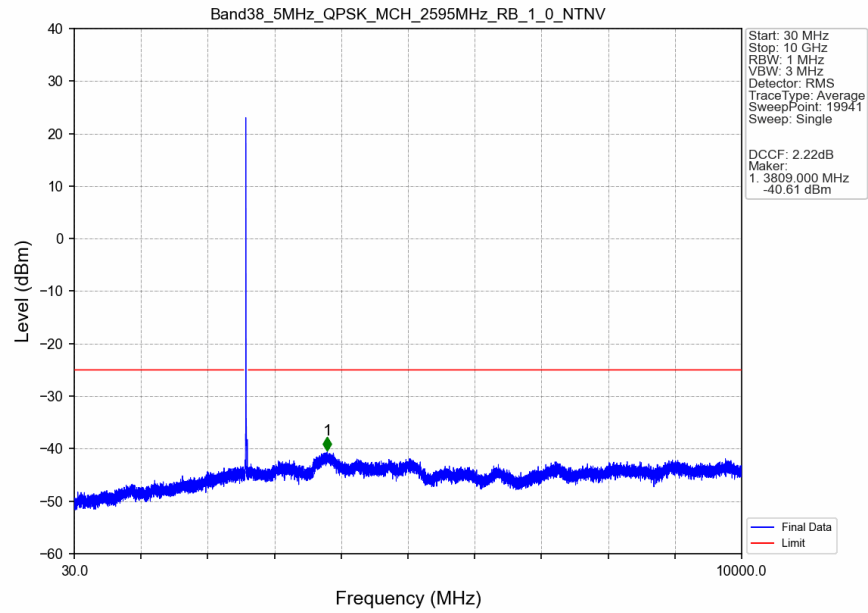


Band38 5MHz QPSK LCH 2572.5MHz RB 25 0 NTNV

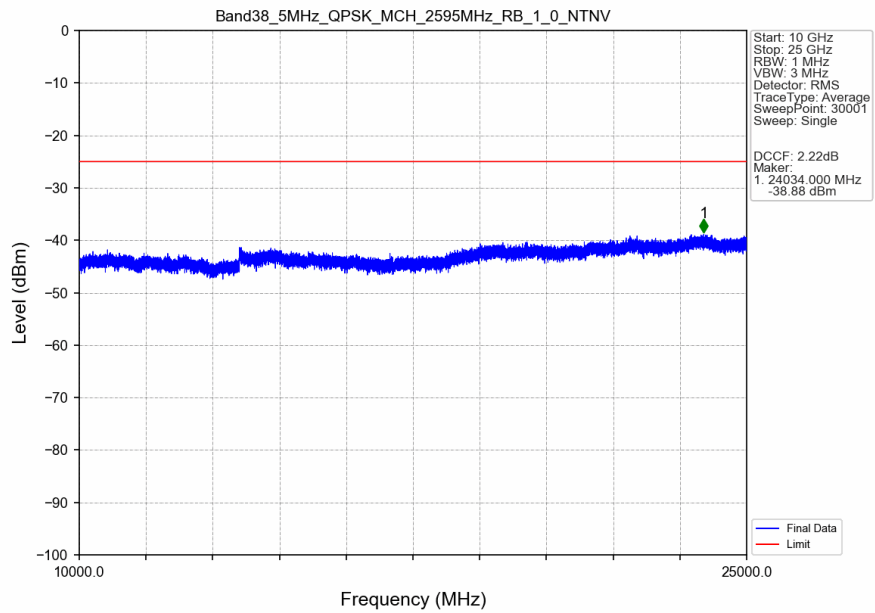


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-47.23	-25	Pass
2490.5	2496	1	CHP	2	2492.300	-47.18	-13	Pass
2496	2564	1	CHP	3	2563.000	-35.93	-25	Pass
2564	2565	1	CHP	4	2565.000	-34.87	-13	Pass
2565	2569	1	CHP	5	2566.300	-28.27	-10	Pass
2569	2570	0.1	/	6	2569.950	-34.27	-10	Pass
2570	2575	0.1	/	/	/	/	/	/

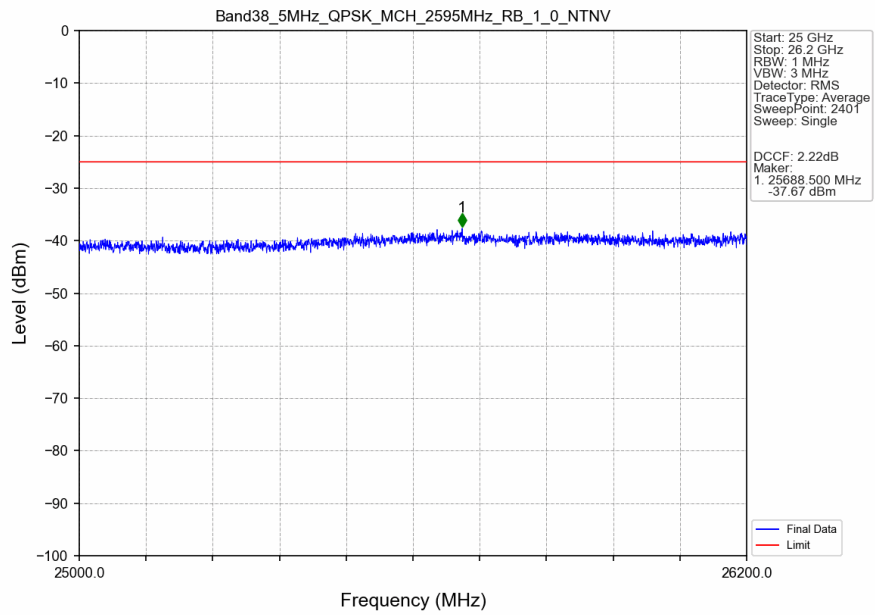
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTNV



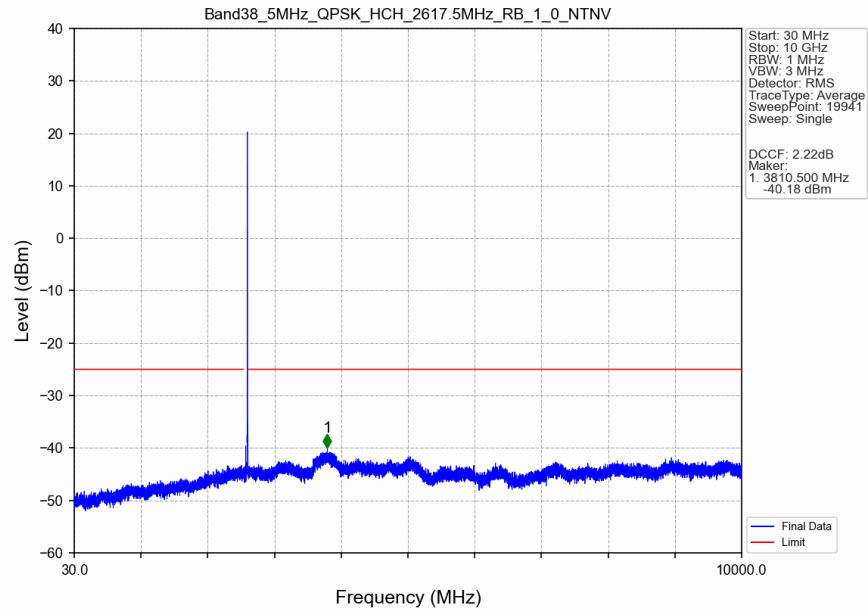
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTN



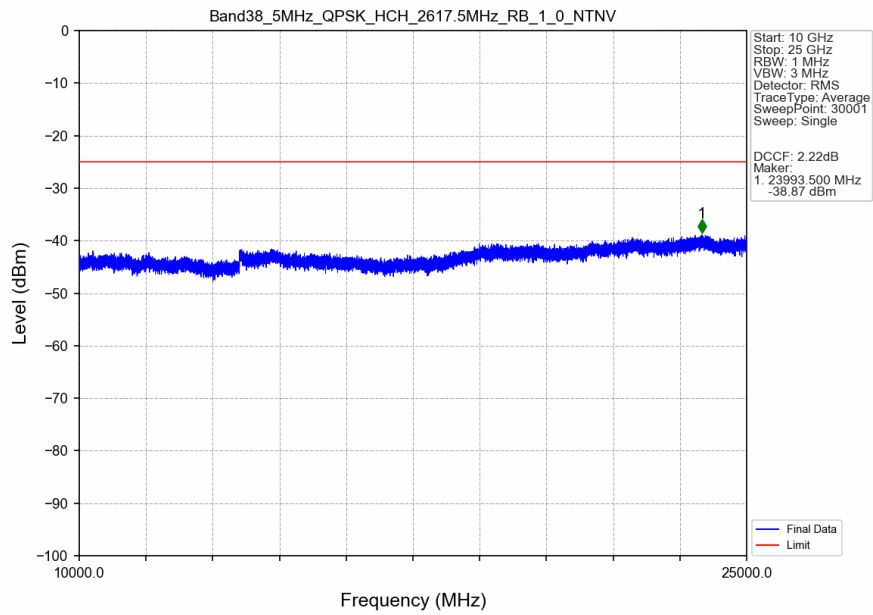
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTN



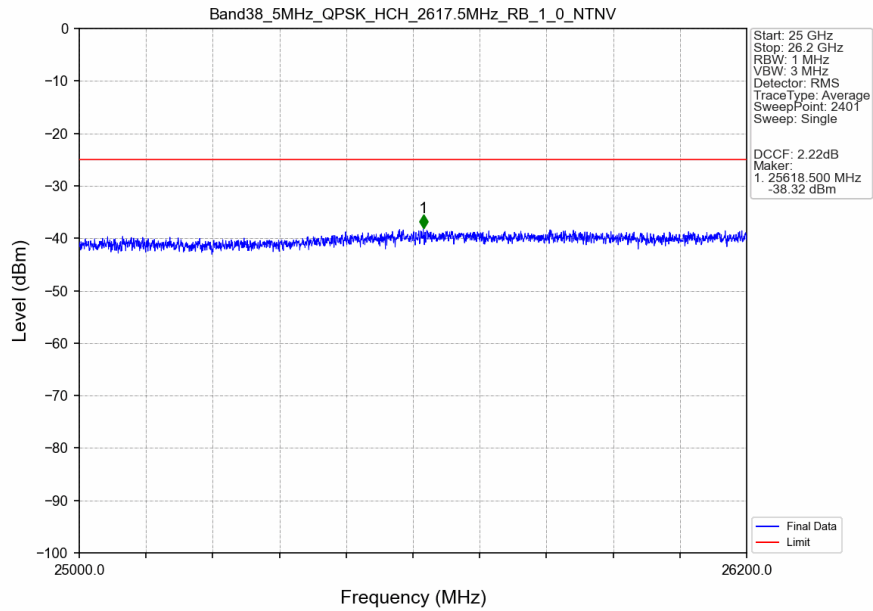
Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTV



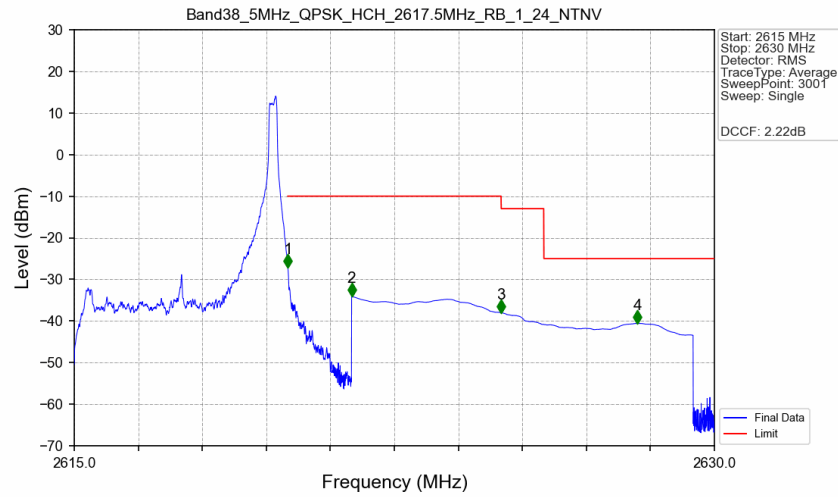
Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTV



Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTV

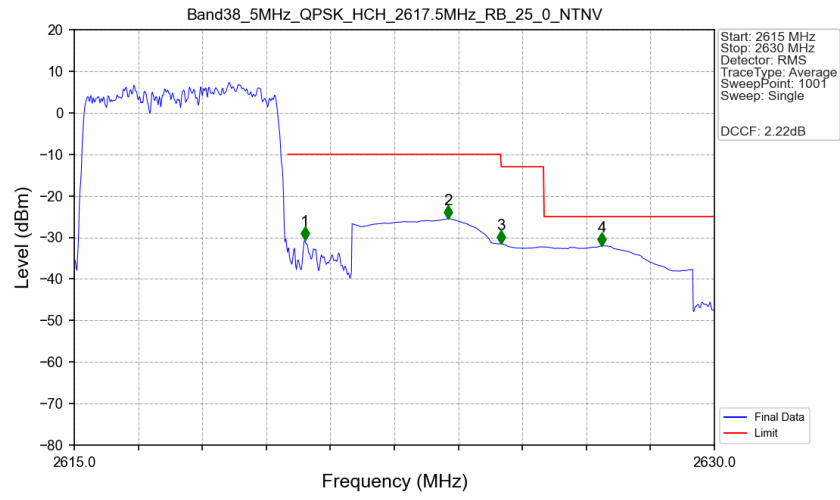


Band38 5MHz QPSK HCH 2617.5MHz RB 1 24 NTV



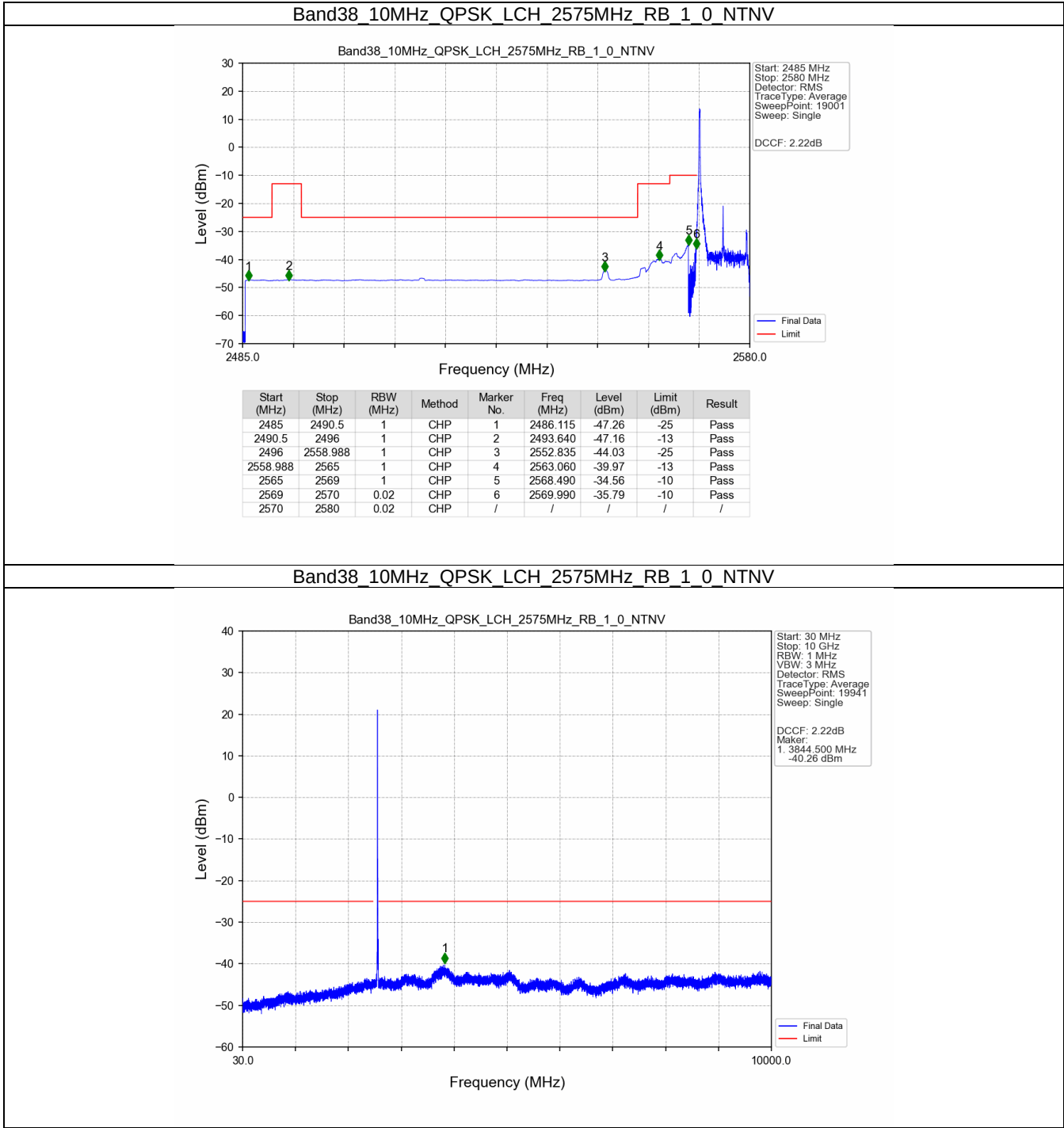
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-27.19	-10	Pass
2621	2625	1	CHP	2	2621.500	-34.10	-10	Pass
2625	2626	1	CHP	3	2625.005	-38.03	-13	Pass
2626	2630	1	CHP	4	2628.200	-40.54	-25	Pass

Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTN

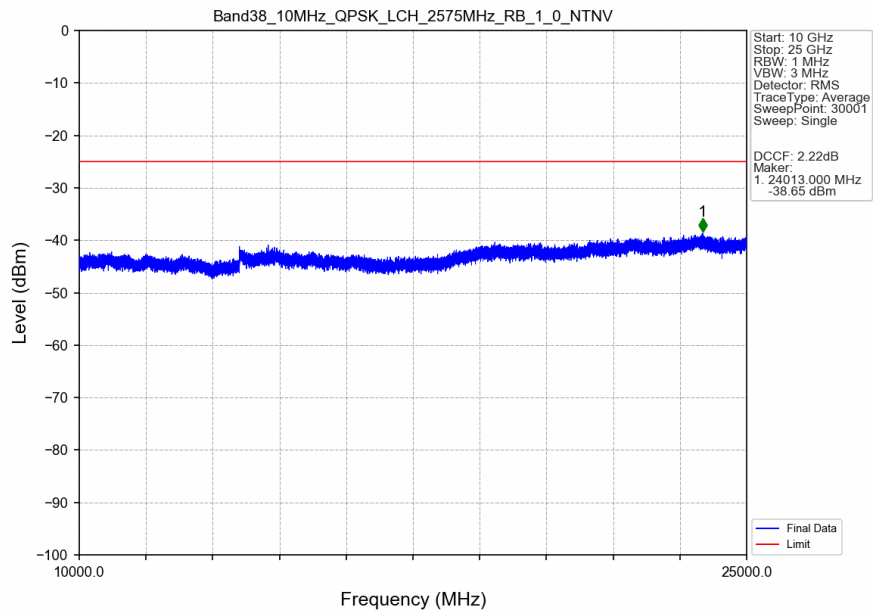


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.1	/	/	/	/	/	/
2620	2621	0.1	/	1	2620.400	-30.63	-10	Pass
2621	2625	1	CHP	2	2623.760	-25.46	-10	Pass
2625	2626	1	CHP	3	2625.005	-31.54	-13	Pass
2626	2630	1	CHP	4	2627.360	-32.05	-25	Pass

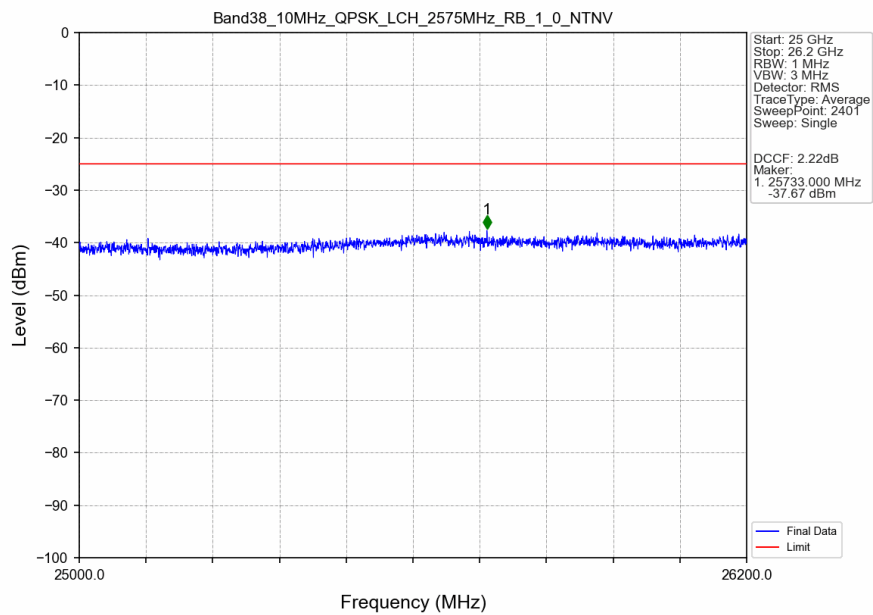
5.2.2 B38_10MHz



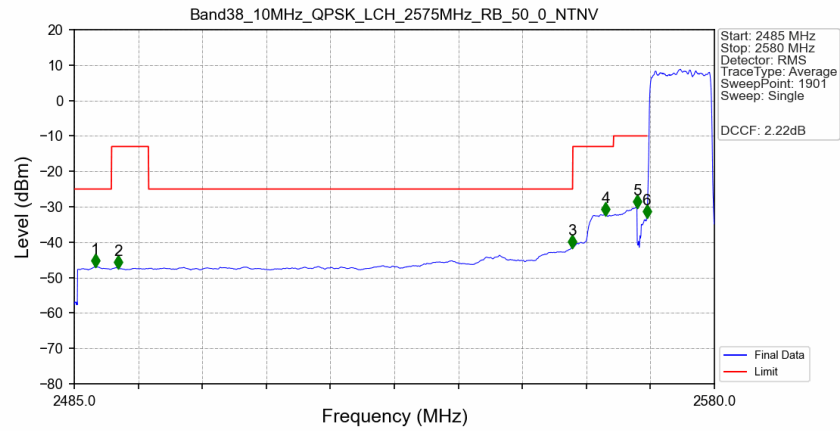
Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTNV



Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTNV

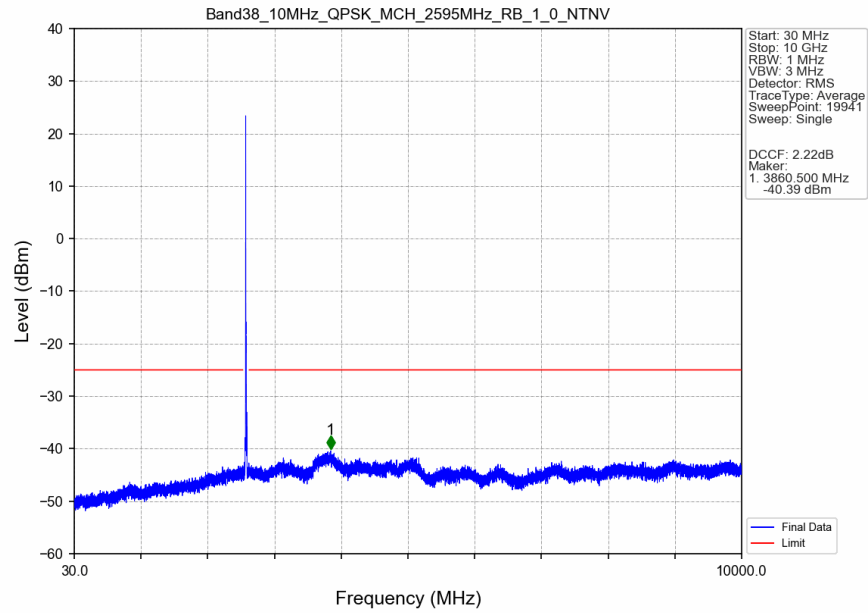


Band38 10MHz QPSK LCH 2575MHz RB 50 0 NTV

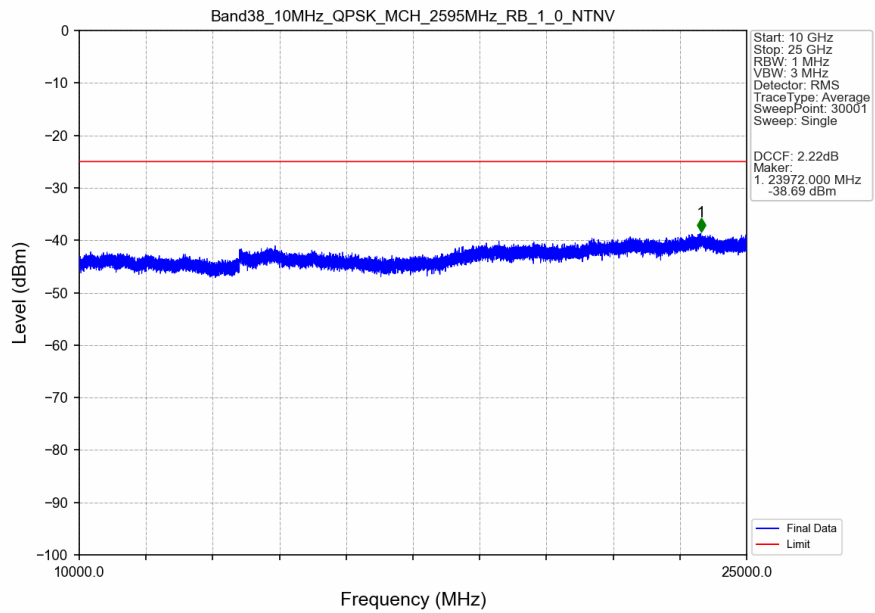


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.100	-46.83	-25	Pass
2490.5	2496	1	CHP	2	2491.500	-47.17	-13	Pass
2496	2558.988	1	CHP	3	2558.850	-41.46	-25	Pass
2558.988	2565	1	CHP	4	2563.850	-32.23	-13	Pass
2565	2569	1	CHP	5	2568.500	-30.14	-10	Pass
2569	2570	0.22	CHP	6	2569.950	-32.86	-10	Pass
2570	2580	0.22	CHP	/	/	/	/	/

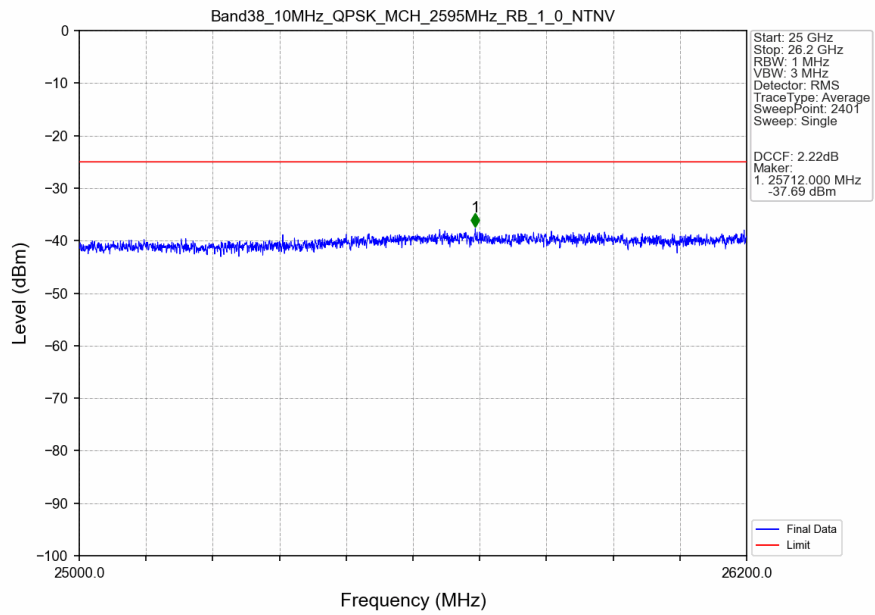
Band38 10MHz QPSK MCH 2595MHz RB 1 0 NTV



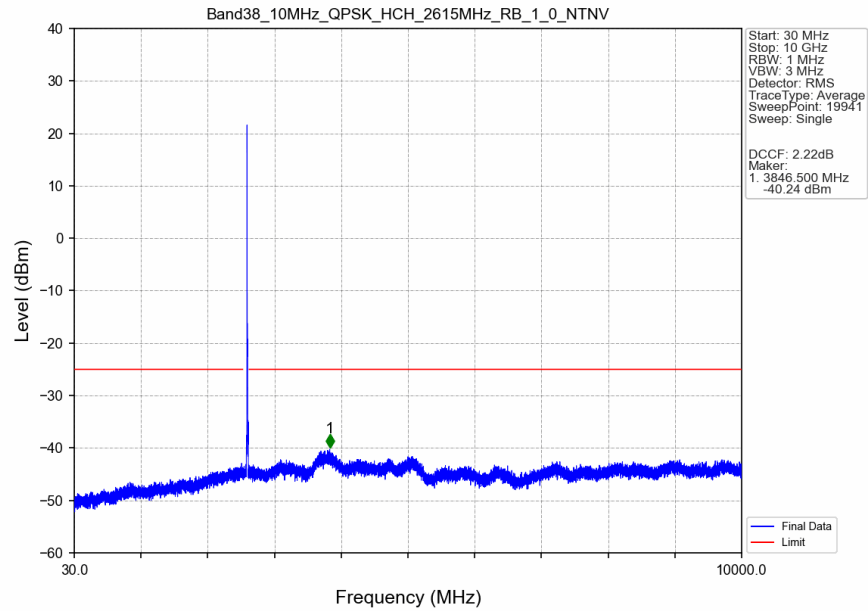
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



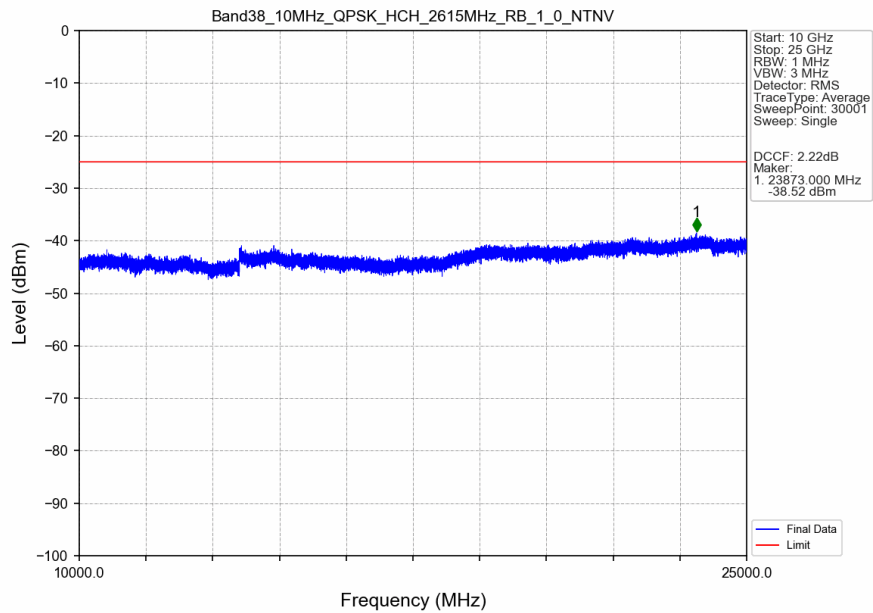
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



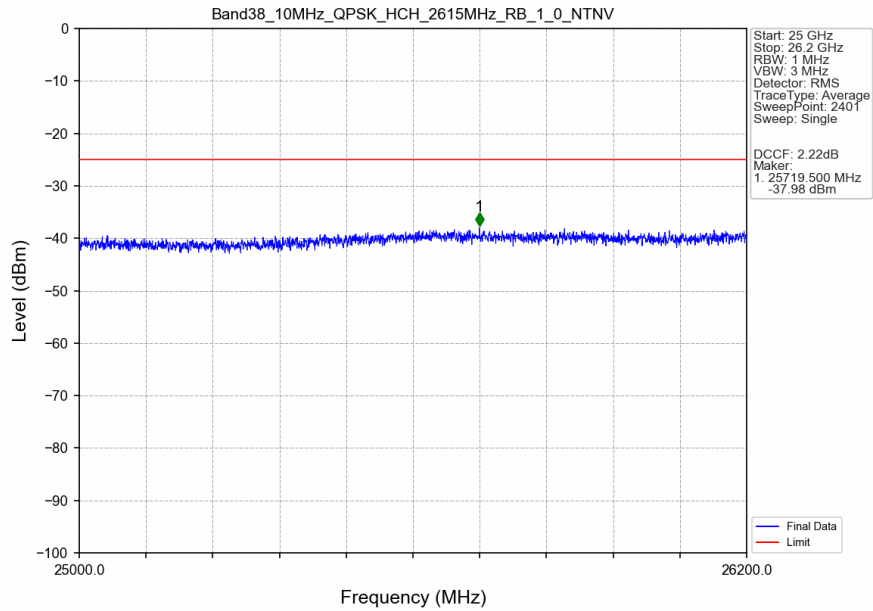
Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTNV



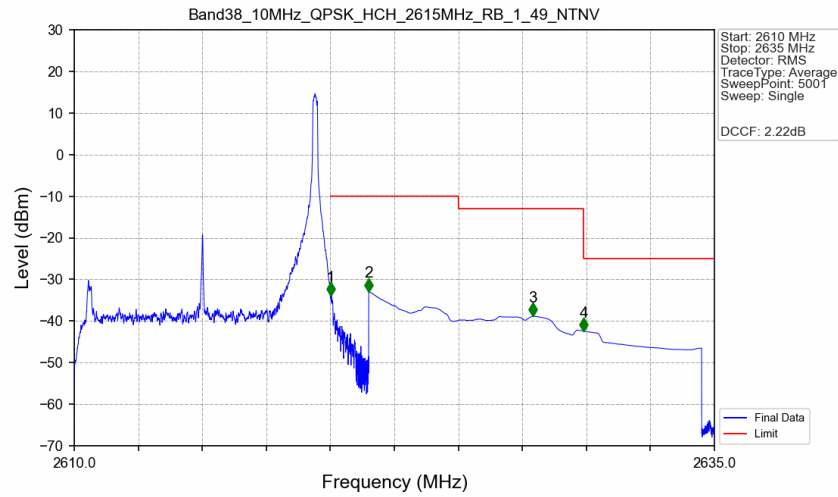
Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTNV



Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTV

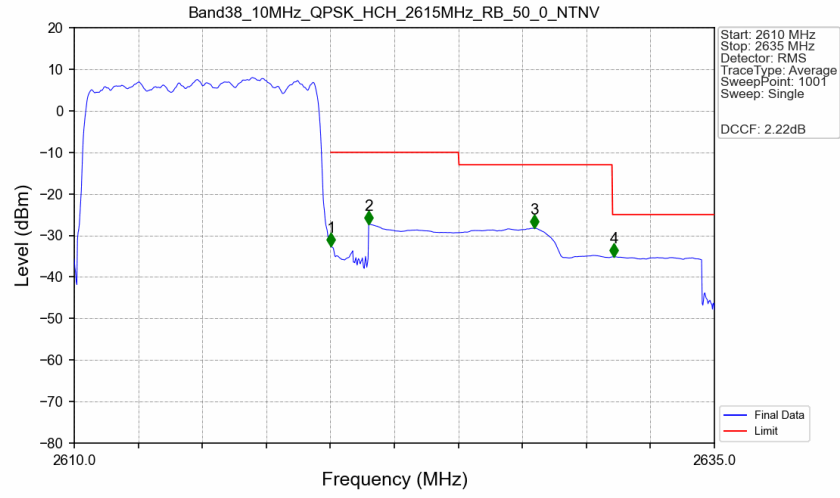


Band38 10MHz QPSK HCH 2615MHz RB 1 49 NTV



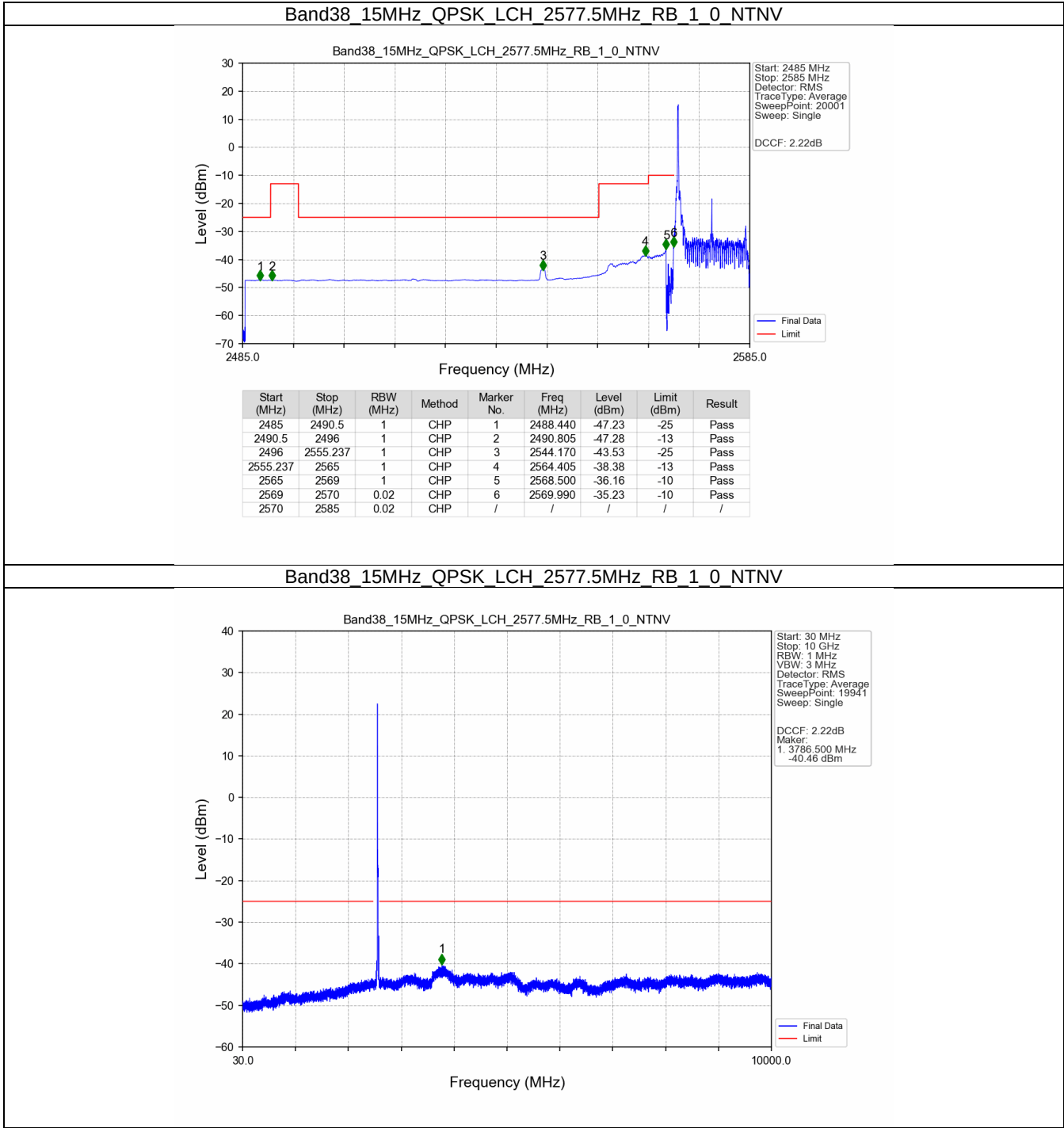
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.010	-33.85	-10	Pass
2621	2625	1	CHP	2	2621.500	-32.88	-10	Pass
2625	2629.885	1	CHP	3	2627.915	-38.88	-13	Pass
2629.885	2635	1	CHP	4	2629.890	-42.44	-25	Pass

Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV

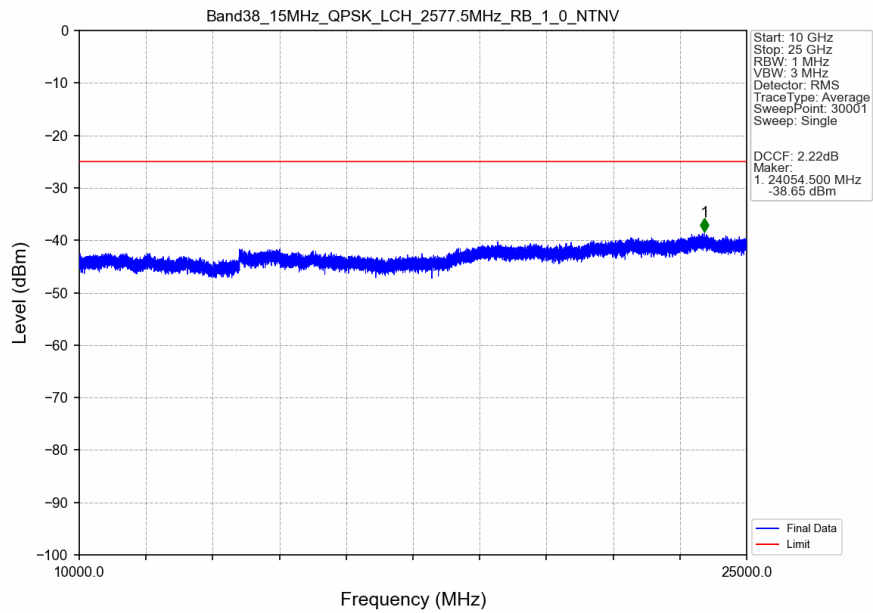


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.22	CHP	/	/	/	/	/
2620	2621	0.22	CHP	1	2620.025	-32.60	-10	Pass
2621	2625	1	CHP	2	2621.500	-27.25	-10	Pass
2625	2631.012	1	CHP	3	2627.975	-28.27	-13	Pass
2631.012	2635	1	CHP	4	2631.075	-35.14	-25	Pass

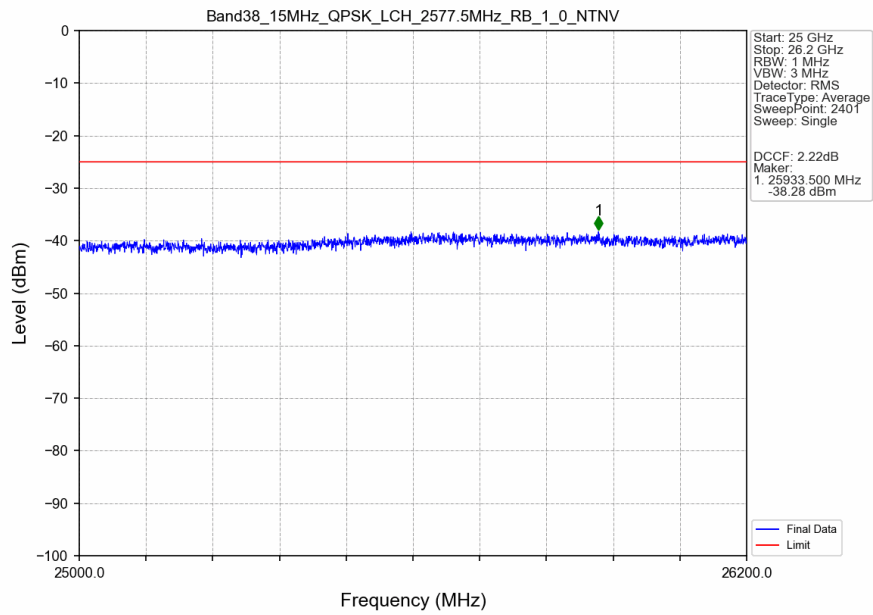
5.2.3 B38_15MHz



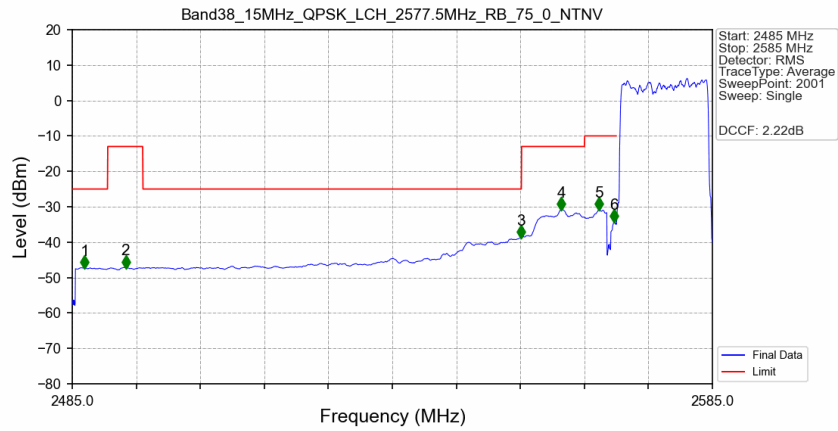
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

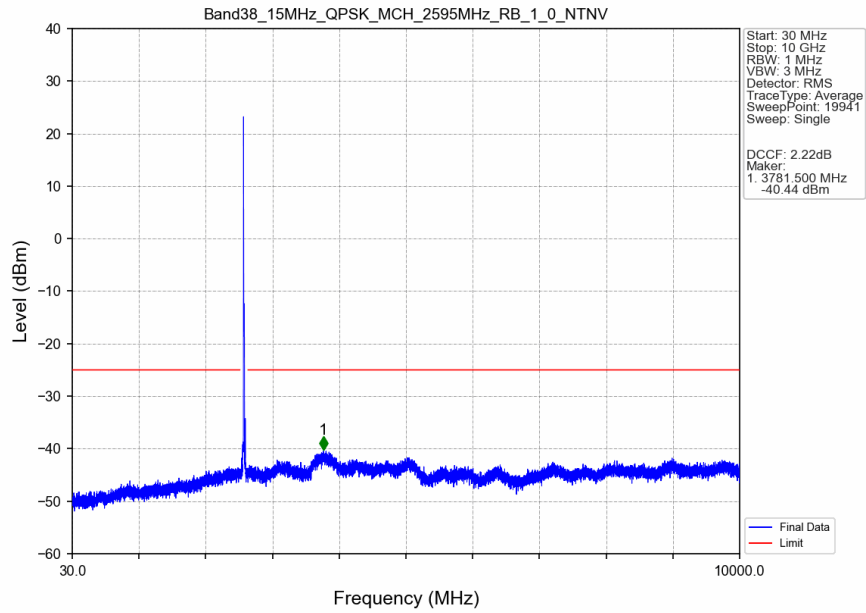


Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV

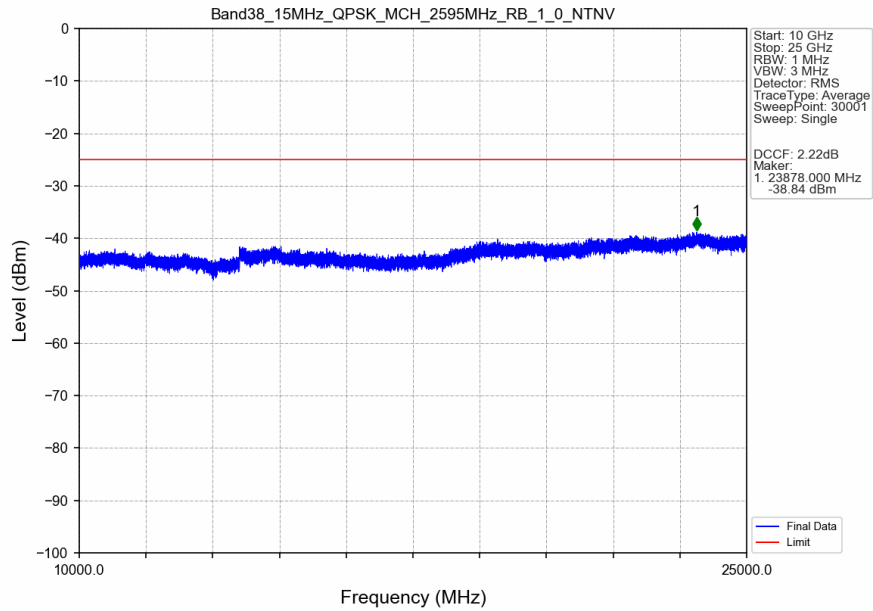


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.950	-47.21	-25	Pass
2490.5	2496	1	CHP	2	2493.350	-47.11	-13	Pass
2496	2555.199	1	CHP	3	2555.100	-38.59	-25	Pass
2555.199	2565	1	CHP	4	2561.400	-30.74	-13	Pass
2565	2569	1	CHP	5	2567.300	-30.80	-10	Pass
2569	2570	0.296	CHP	6	2569.650	-34.13	-10	Pass
2570	2585	0.296	CHP	/	/	/	/	/

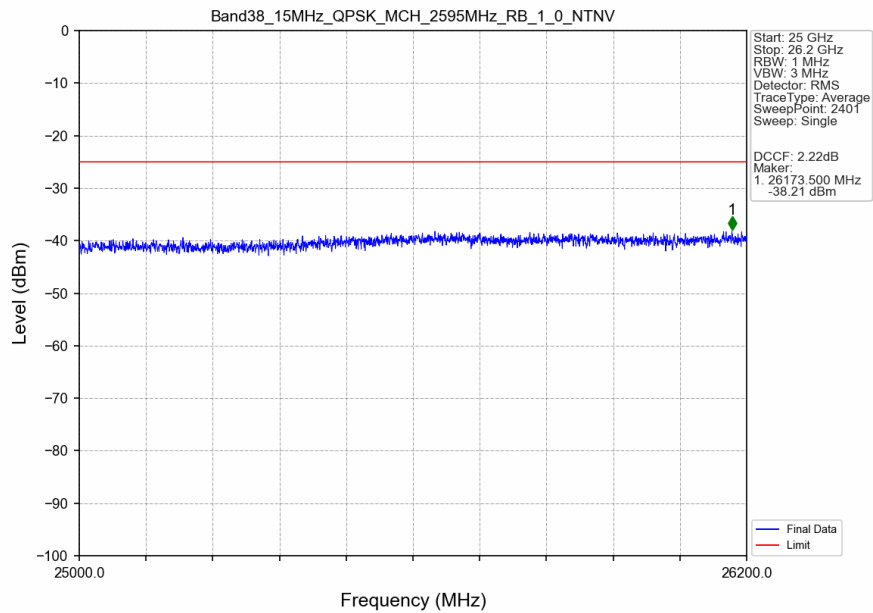
Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTNV



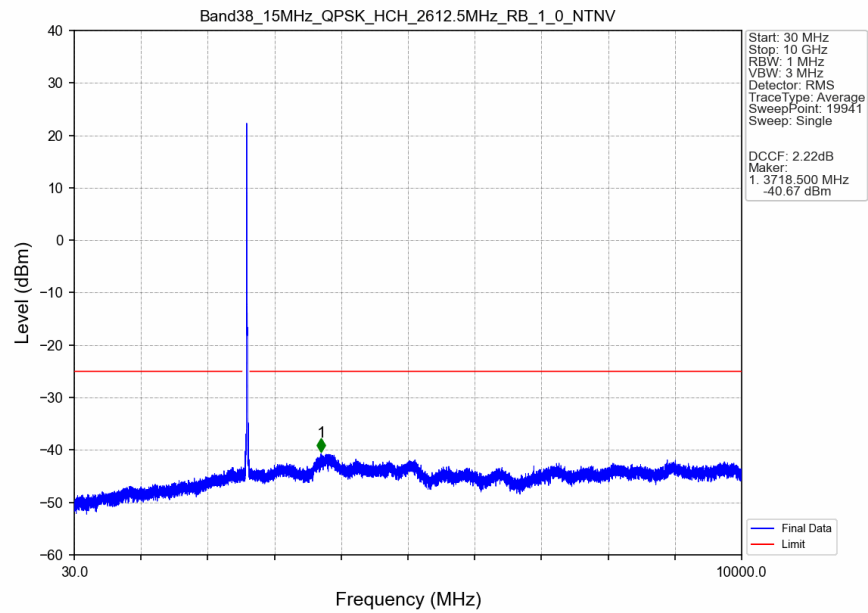
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



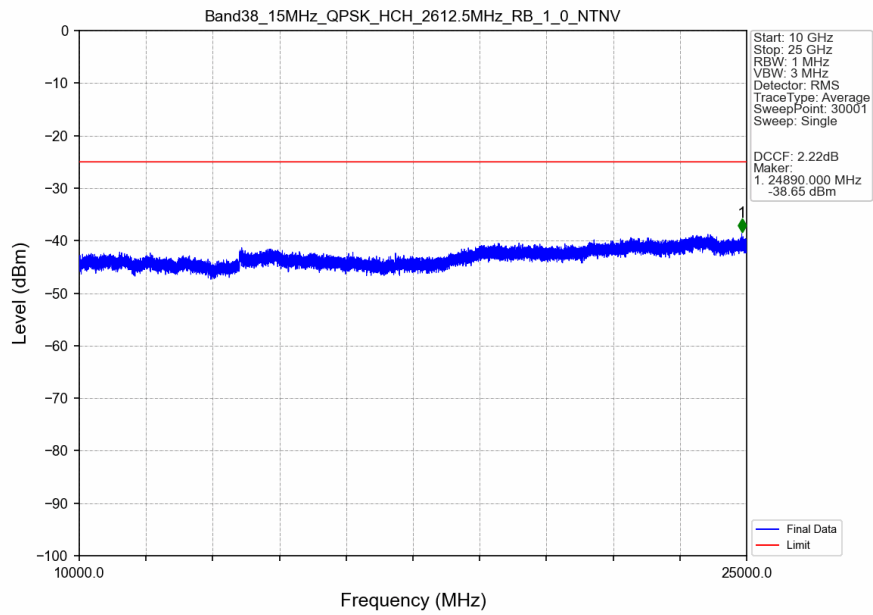
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



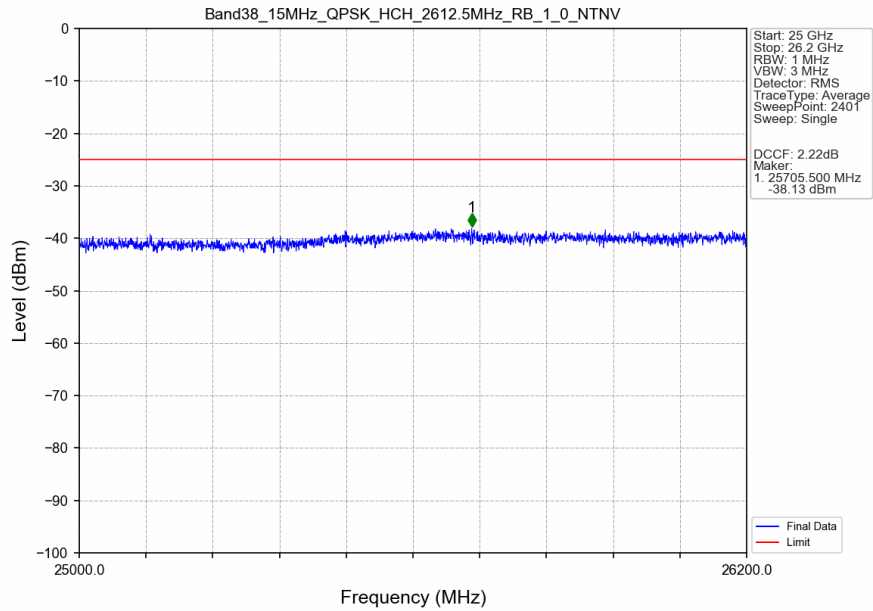
Band38 15MHz QPSK HCH 2612.5MHz RB 1 0 NTV



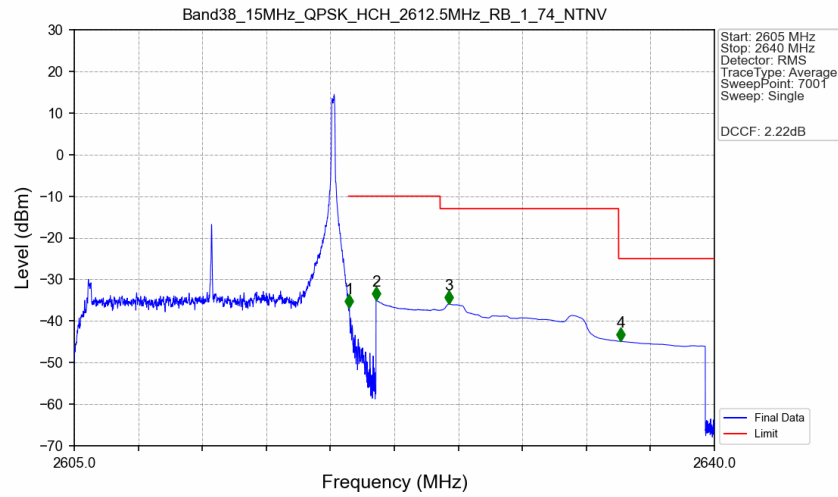
Band38 15MHz QPSK HCH 2612.5MHz RB 1 0 NTV



Band38 15MHz QPSK HCH 2612.5MHz RB 1 0 NTNV

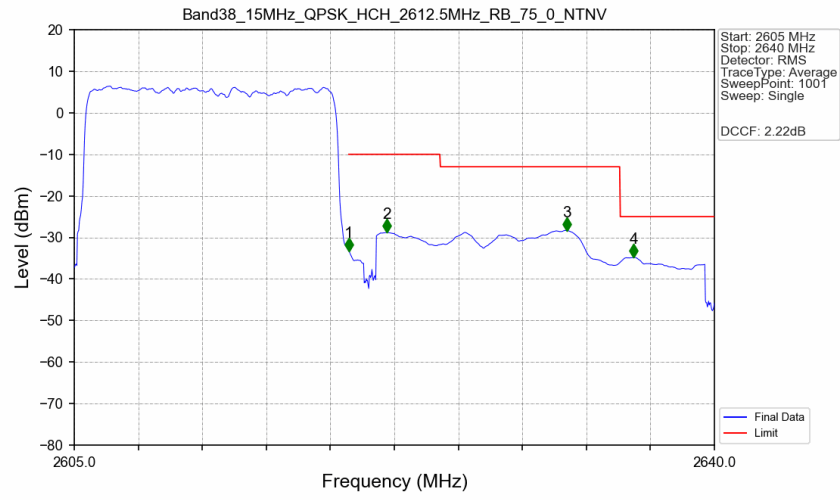


Band38 15MHz QPSK HCH 2612.5MHz RB 1 74 NTNV



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	2620.030	-36.85	-10	Pass
2621	2625	1	CHP	2	2621.500	-34.99	-10	Pass
2625	2634.763	1	CHP	3	2625.465	-35.90	-13	Pass
2634.763	2640	1	CHP	4	2634.875	-44.86	-25	Pass

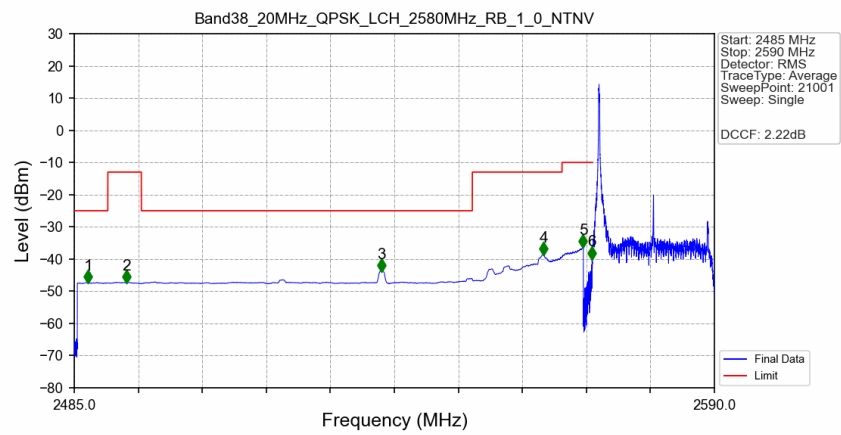
Band38 15MHz QPSK HCH 2612.5MHz RB 75 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.297	CHP	/	/	/	/	/
2620	2621	0.297	CHP	1	2620.015	-33.33	-10	Pass
2621	2625	1	CHP	2	2622.080	-28.80	-10	Pass
2625	2634.841	1	CHP	3	2631.915	-28.32	-13	Pass
2634.841	2640	1	CHP	4	2635.590	-34.85	-25	Pass

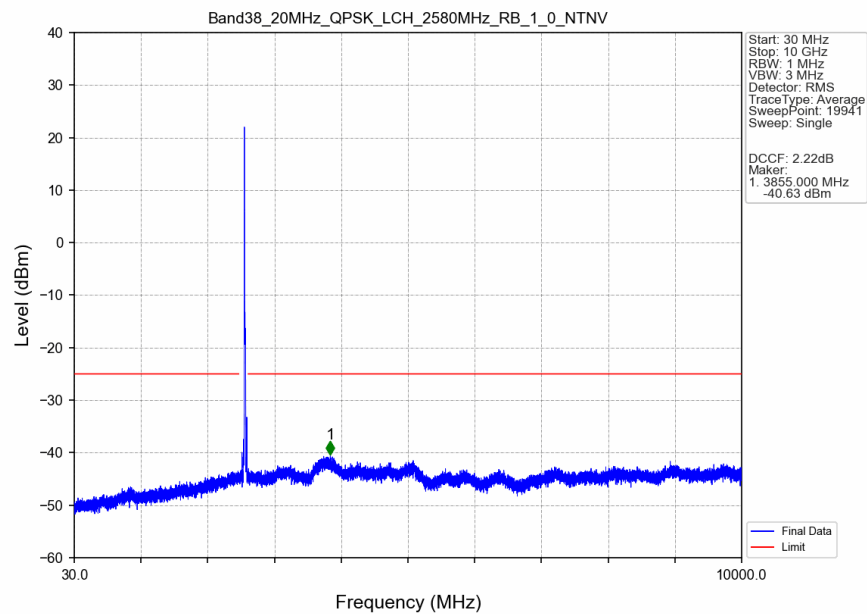
5.2.4 B38_20MHz

Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

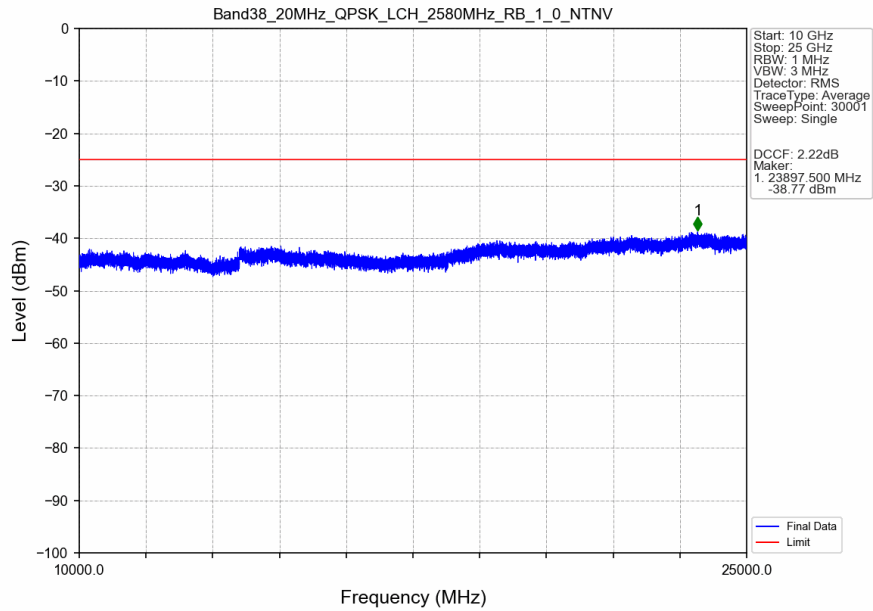


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.280	-47.27	-25	Pass
2490.5	2496	1	CHP	2	2493.605	-47.21	-13	Pass
2496	2550.286	1	CHP	3	2535.340	-43.64	-25	Pass
2550.286	2565	1	CHP	4	2561.965	-38.52	-13	Pass
2565	2569	1	CHP	5	2568.465	-36.15	-10	Pass
2569	2570	0.02	CHP	6	2569.940	-39.79	-10	Pass
2570	2590	0.02	CHP	/	/	/	/	/

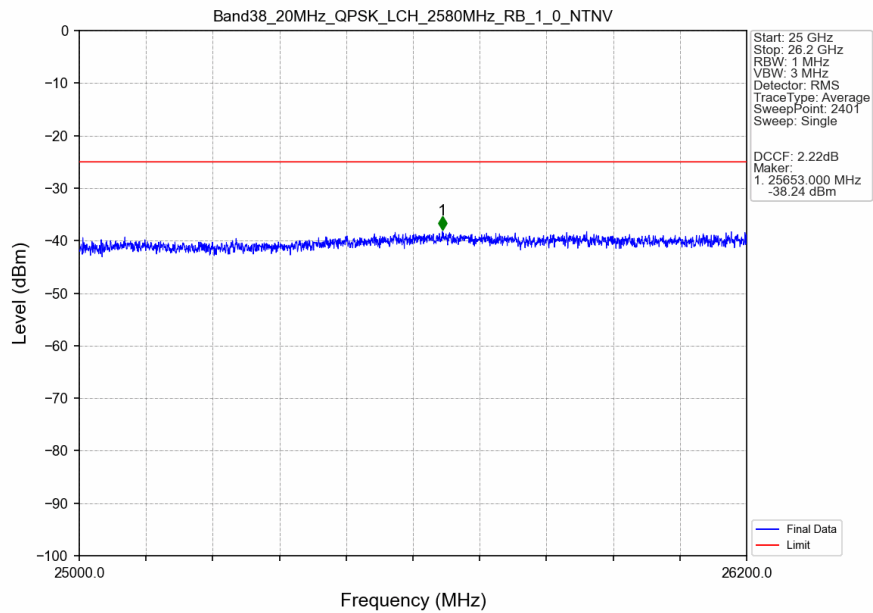
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



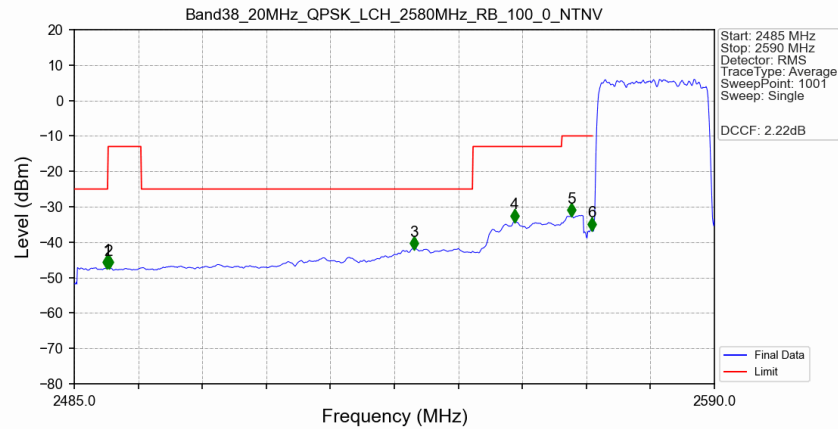
Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTNV



Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTNV

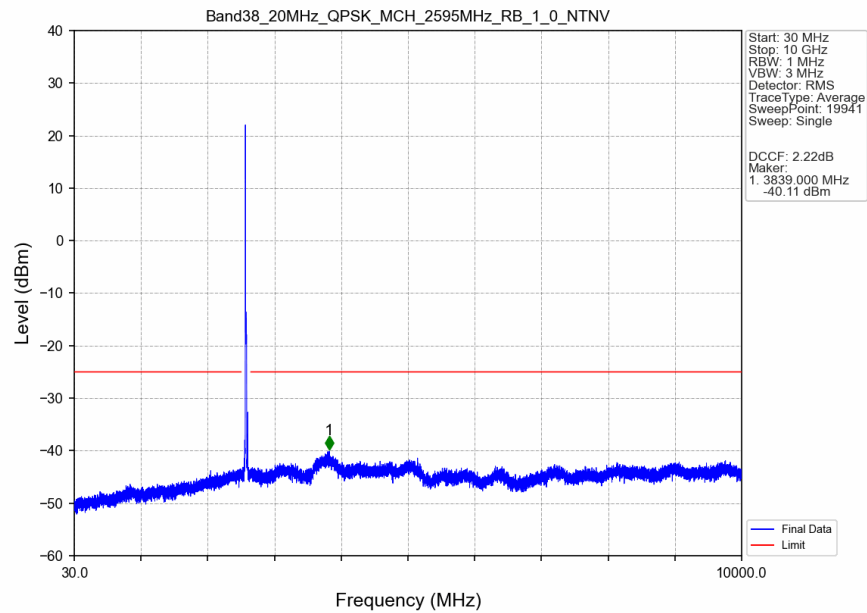


Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTV

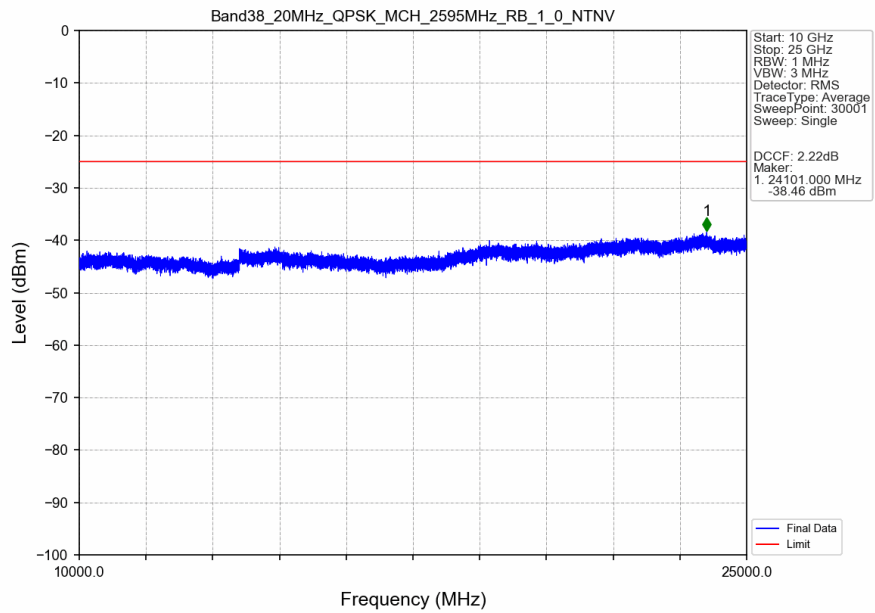


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.355	-47.12	-25	Pass
2490.5	2496	1	CHP	2	2490.670	-47.23	-13	Pass
2496	2550.392	1	CHP	3	2540.755	-41.80	-25	Pass
2550.392	2565	1	CHP	4	2557.240	-34.08	-13	Pass
2565	2569	1	CHP	5	2566.585	-32.41	-10	Pass
2569	2570	0.392	CHP	6	2569.840	-36.40	-10	Pass
2570	2590	0.392	CHP	/	/	/	/	/

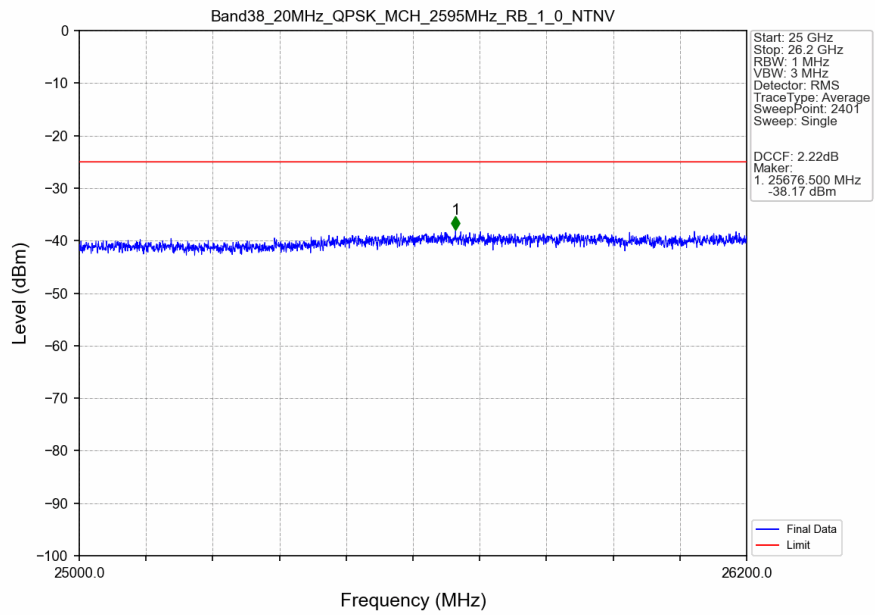
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTV



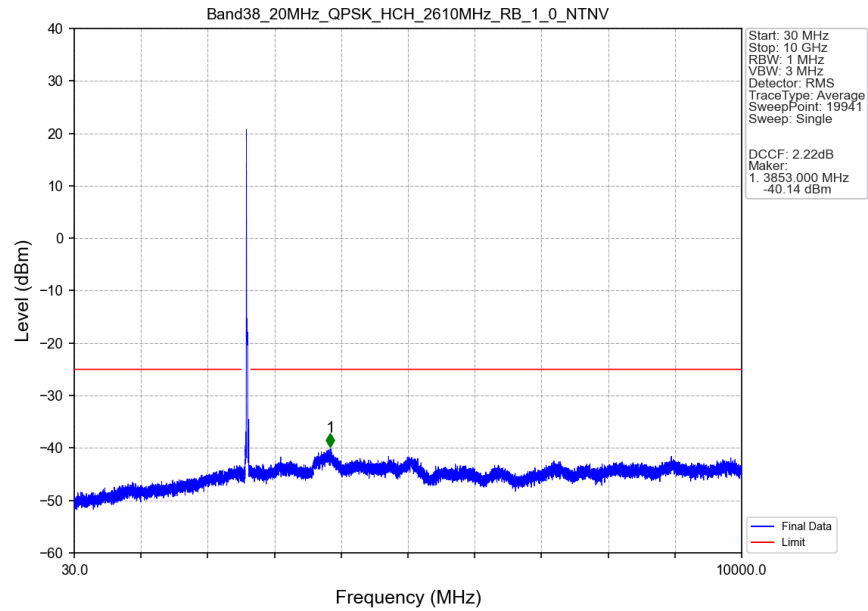
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTNV



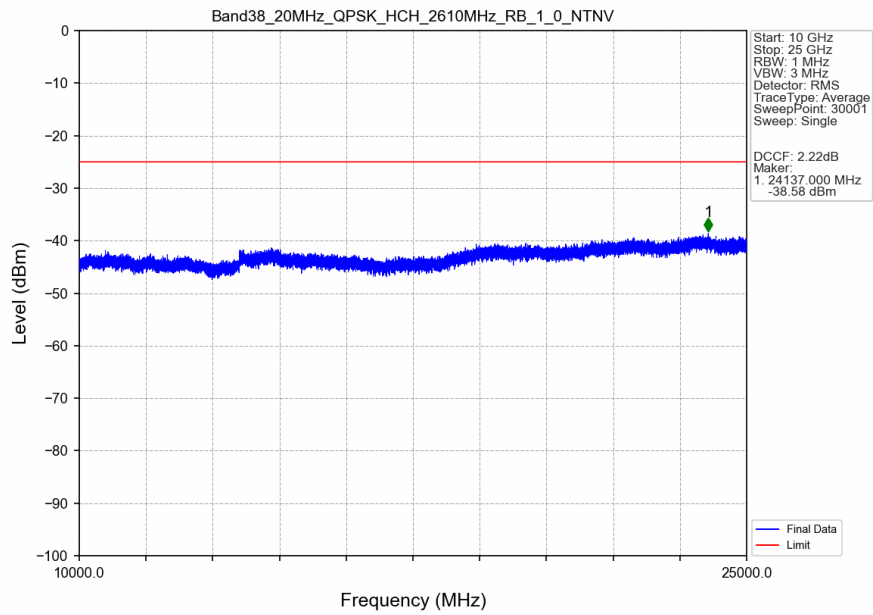
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTNV



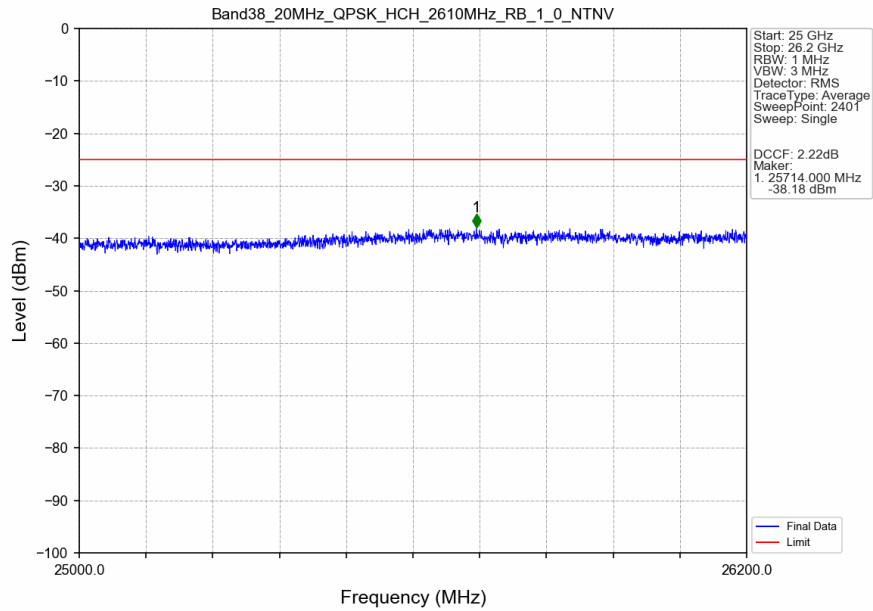
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



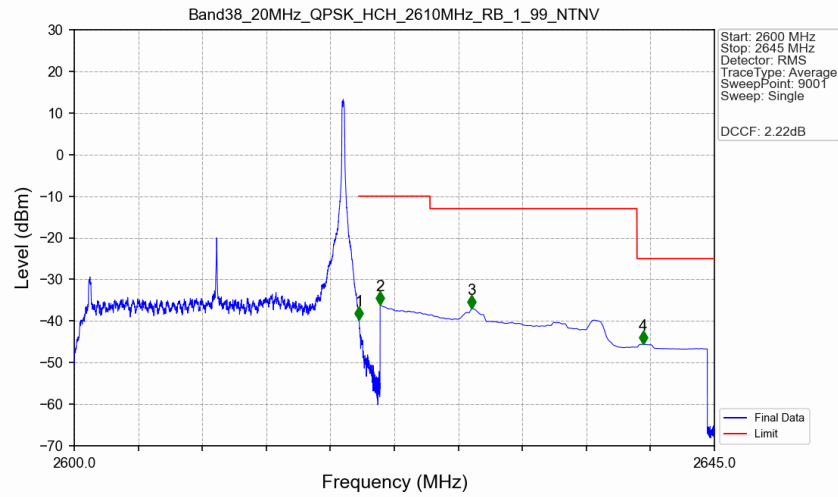
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV

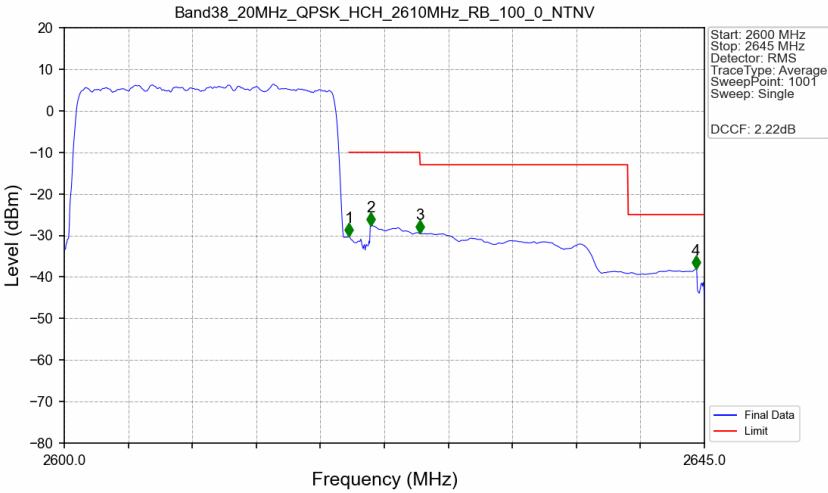


Band38 20MHz QPSK HCH 2610MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2600	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.025	-39.64	-10	Pass
2621	2625	1	CHP	2	2621.500	-36.01	-10	Pass
2625	2639.553	1	CHP	3	2627.940	-37.03	-13	Pass
2639.553	2645	1	CHP	4	2639.995	-45.58	-25	Pass

Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2600	2620	0.392	CHP	/	/	/	/	/
2620	2621	0.392	CHP	1	2620.025	-30.30	-10	Pass
2621	2625	1	CHP	2	2621.555	-27.63	-10	Pass
2625	2639.608	1	CHP	3	2625.020	-29.53	-13	Pass
2639.608	2645	1	CHP	4	2644.415	-38.08	-25	Pass