

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	24.11	0.52	24.63	<=33.01	Pass
			13	24.45	0.52	24.97	<=33.01	Pass
			24	24.24	0.52	24.76	<=33.01	Pass
		12	0	23.41	0.52	23.93	<=33.01	Pass
			6	22.97	0.52	23.49	<=33.01	Pass
			13	23.49	0.52	24.01	<=33.01	Pass
		25	0	23.42	0.52	23.94	<=33.01	Pass
	2595	1	0	23.79	0.52	24.31	<=33.01	Pass
			13	23.86	0.52	24.38	<=33.01	Pass
			24	23.78	0.52	24.30	<=33.01	Pass
		12	0	23.01	0.52	23.53	<=33.01	Pass
			6	22.98	0.52	23.50	<=33.01	Pass
			13	22.86	0.52	23.38	<=33.01	Pass
		25	0	22.89	0.52	23.41	<=33.01	Pass
	2617.5	1	0	24.82	0.52	25.34	<=33.01	Pass
			13	25.11	0.52	25.63	<=33.01	Pass
			24	25.20	0.52	25.72	<=33.01	Pass
		12	0	24.03	0.52	24.55	<=33.01	Pass
			6	24.16	0.52	24.68	<=33.01	Pass
			13	23.97	0.52	24.49	<=33.01	Pass
		25	0	23.98	0.52	24.50	<=33.01	Pass
16QAM	2572.5	1	0	23.31	0.52	23.83	<=33.01	Pass
			13	23.38	0.52	23.90	<=33.01	Pass
			24	23.23	0.52	23.75	<=33.01	Pass
		12	0	22.22	0.52	22.74	<=33.01	Pass
			6	22.37	0.52	22.89	<=33.01	Pass
			13	22.36	0.52	22.88	<=33.01	Pass
		25	0	22.40	0.52	22.92	<=33.01	Pass
	2595	1	0	22.53	0.52	23.05	<=33.01	Pass
			13	22.97	0.52	23.49	<=33.01	Pass
			24	22.79	0.52	23.31	<=33.01	Pass
		12	0	21.89	0.52	22.41	<=33.01	Pass
			6	21.88	0.52	22.40	<=33.01	Pass
			13	21.74	0.52	22.26	<=33.01	Pass
		25	0	21.88	0.52	22.40	<=33.01	Pass
	2617.5	1	0	24.03	0.52	24.55	<=33.01	Pass
			13	24.19	0.52	24.71	<=33.01	Pass
			24	24.36	0.52	24.88	<=33.01	Pass
		12	0	22.93	0.52	23.45	<=33.01	Pass
			6	23.03	0.52	23.55	<=33.01	Pass
			13	23.07	0.52	23.59	<=33.01	Pass
		25	0	23.35	0.52	23.87	<=33.01	Pass
64QAM	2572.5	1	0	22.10	0.52	22.62	<=33.01	Pass
			13	22.18	0.52	22.70	<=33.01	Pass
			24	21.98	0.52	22.50	<=33.01	Pass
		12	0	21.50	0.52	22.02	<=33.01	Pass

			6	21.31	0.52	21.83	<=33.01	Pass
			13	21.45	0.52	21.97	<=33.01	Pass
		25	0	21.46	0.52	21.98	<=33.01	Pass
	2595	1	0	21.51	0.52	22.03	<=33.01	Pass
			13	21.54	0.52	22.06	<=33.01	Pass
			24	21.49	0.52	22.01	<=33.01	Pass
		12	0	21.02	0.52	21.54	<=33.01	Pass
			6	20.98	0.52	21.50	<=33.01	Pass
			13	20.90	0.52	21.42	<=33.01	Pass
		25	0	21.00	0.52	21.52	<=33.01	Pass
	2617.5	1	0	22.77	0.52	23.29	<=33.01	Pass
			13	23.07	0.52	23.59	<=33.01	Pass
			24	23.12	0.52	23.64	<=33.01	Pass
		12	0	22.33	0.52	22.85	<=33.01	Pass
			6	22.39	0.52	22.91	<=33.01	Pass
			13	22.41	0.52	22.93	<=33.01	Pass
		25	0	22.44	0.52	22.96	<=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	24.55	0.52	25.07	<=33.01	Pass
			25	24.44	0.52	24.96	<=33.01	Pass
			49	24.31	0.52	24.83	<=33.01	Pass
		25	0	23.52	0.52	24.04	<=33.01	Pass
			13	23.48	0.52	24.00	<=33.01	Pass
			25	23.33	0.52	23.85	<=33.01	Pass
		50	0	23.26	0.52	23.78	<=33.01	Pass
	2595	1	0	24.02	0.52	24.54	<=33.01	Pass
			25	23.85	0.52	24.37	<=33.01	Pass
			49	24.06	0.52	24.58	<=33.01	Pass
		25	0	22.60	0.52	23.12	<=33.01	Pass
			13	22.93	0.52	23.45	<=33.01	Pass
			25	22.87	0.52	23.39	<=33.01	Pass
		50	0	22.88	0.52	23.40	<=33.01	Pass
	2615	1	0	23.86	0.52	24.38	<=33.01	Pass
			25	24.99	0.52	25.51	<=33.01	Pass
			49	25.36	0.52	25.88	<=33.01	Pass
		25	0	23.90	0.52	24.42	<=33.01	Pass
			13	24.09	0.52	24.61	<=33.01	Pass
			25	24.23	0.52	24.75	<=33.01	Pass
		50	0	24.07	0.52	24.59	<=33.01	Pass
16QAM	2575	1	0	23.29	0.52	23.81	<=33.01	Pass
			25	23.46	0.52	23.98	<=33.01	Pass
			49	23.31	0.52	23.83	<=33.01	Pass
		25	0	22.39	0.52	22.91	<=33.01	Pass
			13	22.44	0.52	22.96	<=33.01	Pass
			25	22.31	0.52	22.83	<=33.01	Pass
		50	0	22.08	0.52	22.60	<=33.01	Pass
	2595	1	0	22.89	0.52	23.41	<=33.01	Pass
			25	22.79	0.52	23.31	<=33.01	Pass

		25		49	23.00	0.52	23.52	<=33.01	Pass
			0	22.07	0.52	22.59	<=33.01	Pass	
				13	21.93	0.52	22.45	<=33.01	Pass
				25	21.60	0.52	22.12	<=33.01	Pass
		50	0	21.93	0.52	22.45	<=33.01	Pass	
		2615	1	0	23.86	0.52	24.38	<=33.01	Pass
				25	24.23	0.52	24.75	<=33.01	Pass
				49	24.55	0.52	25.07	<=33.01	Pass
	25		0	23.03	0.52	23.55	<=33.01	Pass	
			13	23.21	0.52	23.73	<=33.01	Pass	
			25	23.32	0.52	23.84	<=33.01	Pass	
	50		0	23.13	0.52	23.65	<=33.01	Pass	
	64QAM		2575	1	0	22.22	0.52	22.74	<=33.01
		25			22.14	0.52	22.66	<=33.01	Pass
		49			22.00	0.52	22.52	<=33.01	Pass
		25		0	21.60	0.52	22.12	<=33.01	Pass
13				21.50	0.52	22.02	<=33.01	Pass	
25				21.38	0.52	21.90	<=33.01	Pass	
50		0		21.17	0.52	21.69	<=33.01	Pass	
2595		1		0	21.69	0.52	22.21	<=33.01	Pass
			25	21.56	0.52	22.08	<=33.01	Pass	
			49	21.68	0.52	22.20	<=33.01	Pass	
		25	0	21.23	0.52	21.75	<=33.01	Pass	
			13	21.05	0.52	21.57	<=33.01	Pass	
			25	20.98	0.52	21.50	<=33.01	Pass	
		50	0	21.04	0.52	21.56	<=33.01	Pass	
		2615	1	0	22.48	0.52	23.00	<=33.01	Pass
25				22.88	0.52	23.40	<=33.01	Pass	
49				23.19	0.52	23.71	<=33.01	Pass	
25			0	22.00	0.52	22.52	<=33.01	Pass	
			13	22.31	0.52	22.83	<=33.01	Pass	
			25	22.41	0.52	22.93	<=33.01	Pass	
50			0	22.24	0.52	22.76	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

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	23.21	0.52	23.73	<=33.01	Pass
			38	24.35	0.52	24.87	<=33.01	Pass
			74	24.20	0.52	24.72	<=33.01	Pass
		36	0	23.66	0.52	24.18	<=33.01	Pass
			18	23.36	0.52	23.88	<=33.01	Pass
			39	23.37	0.52	23.89	<=33.01	Pass
		75	0	23.39	0.52	23.91	<=33.01	Pass
	2595	1	0	23.57	0.52	24.09	<=33.01	Pass
			38	23.87	0.52	24.39	<=33.01	Pass
			74	24.03	0.52	24.55	<=33.01	Pass
		36	0	23.09	0.52	23.61	<=33.01	Pass
			18	22.99	0.52	23.51	<=33.01	Pass
			39	22.95	0.52	23.47	<=33.01	Pass
		75	0	22.49	0.52	23.01	<=33.01	Pass

	2612.5	1	0	22.88	0.52	23.40	<=33.01	Pass
			38	24.97	0.52	25.49	<=33.01	Pass
			74	24.89	0.52	25.41	<=33.01	Pass
		36	0	23.67	0.52	24.19	<=33.01	Pass
			18	23.98	0.52	24.50	<=33.01	Pass
			39	24.12	0.52	24.64	<=33.01	Pass
		75	0	23.31	0.52	23.83	<=33.01	Pass
16QAM	2577.5	1	0	23.29	0.52	23.81	<=33.01	Pass
			38	23.37	0.52	23.89	<=33.01	Pass
			74	23.08	0.52	23.60	<=33.01	Pass
		36	0	22.52	0.52	23.04	<=33.01	Pass
			18	22.47	0.52	22.99	<=33.01	Pass
			39	22.25	0.52	22.77	<=33.01	Pass
		75	0	22.29	0.52	22.81	<=33.01	Pass
	2595	1	0	23.02	0.52	23.54	<=33.01	Pass
			38	22.94	0.52	23.46	<=33.01	Pass
			74	23.15	0.52	23.67	<=33.01	Pass
		36	0	21.81	0.52	22.33	<=33.01	Pass
			18	21.92	0.52	22.44	<=33.01	Pass
			39	21.89	0.52	22.41	<=33.01	Pass
		75	0	21.68	0.52	22.20	<=33.01	Pass
	2612.5	1	0	23.44	0.52	23.96	<=33.01	Pass
			38	24.09	0.52	24.61	<=33.01	Pass
			74	24.34	0.52	24.86	<=33.01	Pass
		36	0	22.65	0.52	23.17	<=33.01	Pass
			18	22.92	0.52	23.44	<=33.01	Pass
			39	23.18	0.52	23.70	<=33.01	Pass
		75	0	22.58	0.52	23.10	<=33.01	Pass
64QAM	2577.5	1	0	22.05	0.52	22.57	<=33.01	Pass
			38	22.08	0.52	22.60	<=33.01	Pass
			74	21.84	0.52	22.36	<=33.01	Pass
		36	0	21.54	0.52	22.06	<=33.01	Pass
			18	21.51	0.52	22.03	<=33.01	Pass
			39	21.26	0.52	21.78	<=33.01	Pass
		75	0	21.34	0.52	21.86	<=33.01	Pass
	2595	1	0	21.72	0.52	22.24	<=33.01	Pass
			38	21.57	0.52	22.09	<=33.01	Pass
			74	21.77	0.52	22.29	<=33.01	Pass
		36	0	21.09	0.52	21.61	<=33.01	Pass
			18	20.99	0.52	21.51	<=33.01	Pass
			39	20.95	0.52	21.47	<=33.01	Pass
		75	0	20.95	0.52	21.47	<=33.01	Pass
	2612.5	1	0	22.01	0.52	22.53	<=33.01	Pass
			38	22.71	0.52	23.23	<=33.01	Pass
			74	23.10	0.52	23.62	<=33.01	Pass
		36	0	21.76	0.52	22.28	<=33.01	Pass
			18	21.99	0.52	22.51	<=33.01	Pass
			39	22.22	0.52	22.74	<=33.01	Pass
		75	0	21.82	0.52	22.34	<=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	22.57	0.52	23.09	<=33.01	Pass
			50	24.28	0.52	24.80	<=33.01	Pass
			99	23.92	0.52	24.44	<=33.01	Pass
		50	0	22.72	0.52	23.24	<=33.01	Pass
			25	23.09	0.52	23.61	<=33.01	Pass
			50	22.92	0.52	23.44	<=33.01	Pass
		100	0	23.39	0.52	23.91	<=33.01	Pass
	2595	1	0	22.52	0.52	23.04	<=33.01	Pass
			50	23.65	0.52	24.17	<=33.01	Pass
			99	23.37	0.52	23.89	<=33.01	Pass
		50	0	22.85	0.52	23.37	<=33.01	Pass
			25	22.87	0.52	23.39	<=33.01	Pass
			50	22.72	0.52	23.24	<=33.01	Pass
		100	0	22.99	0.52	23.51	<=33.01	Pass
	2610	1	0	22.34	0.52	22.86	<=33.01	Pass
			50	24.76	0.52	25.28	<=33.01	Pass
			99	24.72	0.52	25.24	<=33.01	Pass
		50	0	22.95	0.52	23.47	<=33.01	Pass
			25	23.69	0.52	24.21	<=33.01	Pass
			50	23.35	0.52	23.87	<=33.01	Pass
		100	0	23.23	0.52	23.75	<=33.01	Pass
16QAM	2580	1	0	22.71	0.52	23.23	<=33.01	Pass
			50	23.30	0.52	23.82	<=33.01	Pass
			99	22.71	0.52	23.23	<=33.01	Pass
		50	0	22.09	0.52	22.61	<=33.01	Pass
			25	21.87	0.52	22.39	<=33.01	Pass
			50	21.99	0.52	22.51	<=33.01	Pass
		100	0	22.04	0.52	22.56	<=33.01	Pass
	2595	1	0	22.81	0.52	23.33	<=33.01	Pass
			50	22.92	0.52	23.44	<=33.01	Pass
			99	23.13	0.52	23.65	<=33.01	Pass
		50	0	21.96	0.52	22.48	<=33.01	Pass
			25	21.93	0.52	22.45	<=33.01	Pass
			50	21.87	0.52	22.39	<=33.01	Pass
		100	0	21.89	0.52	22.41	<=33.01	Pass
	2610	1	0	22.44	0.52	22.96	<=33.01	Pass
			50	23.87	0.52	24.39	<=33.01	Pass
			99	24.04	0.52	24.56	<=33.01	Pass
		50	0	22.52	0.52	23.04	<=33.01	Pass
			25	22.63	0.52	23.15	<=33.01	Pass
			50	22.92	0.52	23.44	<=33.01	Pass
		100	0	22.44	0.52	22.96	<=33.01	Pass
64QAM	2580	1	0	22.05	0.52	22.57	<=33.01	Pass
			50	22.05	0.52	22.57	<=33.01	Pass
			99	21.61	0.52	22.13	<=33.01	Pass
		50	0	21.36	0.52	21.88	<=33.01	Pass
			25	21.23	0.52	21.75	<=33.01	Pass
			50	21.01	0.52	21.53	<=33.01	Pass
		100	0	21.31	0.52	21.83	<=33.01	Pass
	2595	1	0	21.83	0.52	22.35	<=33.01	Pass
			50	21.57	0.52	22.09	<=33.01	Pass

		50	99	21.78	0.52	22.30	<=33.01	Pass
			0	21.17	0.52	21.69	<=33.01	Pass
			25	20.94	0.52	21.46	<=33.01	Pass
			50	20.94	0.52	21.46	<=33.01	Pass
		100	0	21.19	0.52	21.71	<=33.01	Pass
			0	21.65	0.52	22.17	<=33.01	Pass
	2610	1	50	22.46	0.52	22.98	<=33.01	Pass
			99	23.03	0.52	23.55	<=33.01	Pass
			0	21.64	0.52	22.16	<=33.01	Pass
		50	25	21.85	0.52	22.37	<=33.01	Pass
			50	22.14	0.52	22.66	<=33.01	Pass
			0	21.72	0.52	22.24	<=33.01	Pass
		100	0	21.72	0.52	22.24	<=33.01	Pass
			0	21.72	0.52	22.24	<=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	9.400	0.0036	-2.5 to 2.5	Pass
					NV	-4.900	-0.0019	-2.5 to 2.5	Pass
					HV	6.100	0.0024	-2.5 to 2.5	Pass
				-30	NV	-3.500	-0.0013	-2.5 to 2.5	Pass
				-20	NV	1.900	0.0007	-2.5 to 2.5	Pass
				-10	NV	5.500	0.0021	-2.5 to 2.5	Pass
				0	NV	3.800	0.0015	-2.5 to 2.5	Pass
				10	NV	5.600	0.0022	-2.5 to 2.5	Pass
				30	NV	-2.100	-0.0008	-2.5 to 2.5	Pass
				40	NV	-2.800	-0.0011	-2.5 to 2.5	Pass
				50	NV	-2.200	-0.0008	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band38_OBW

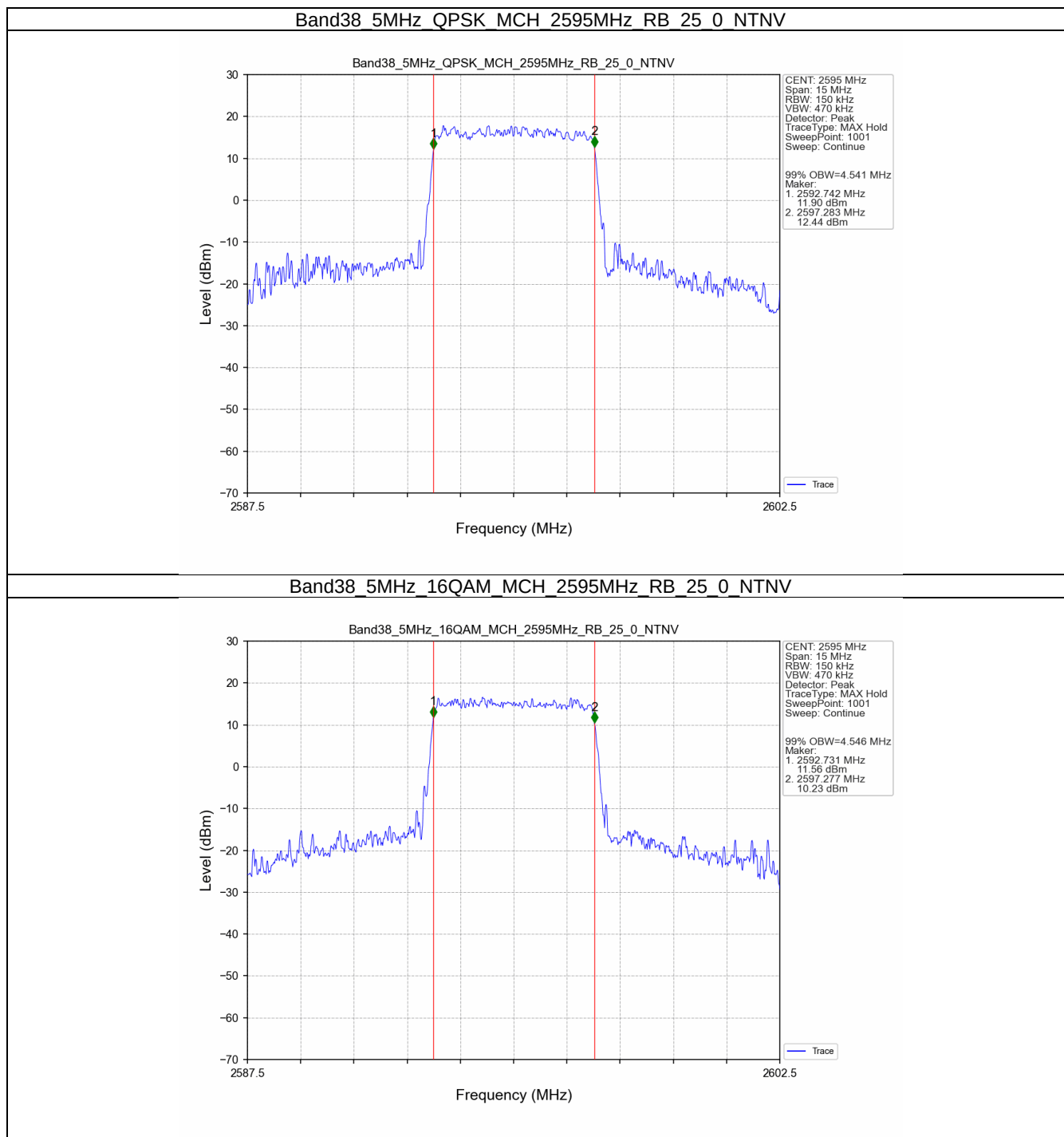
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	4.541	/	Pass
	16QAM	2595	25	0	4.546	/	Pass
	64QAM	2595	25	0	4.543	/	Pass
10	QPSK	2595	50	0	9.062	/	Pass
	16QAM	2595	50	0	9.039	/	Pass
	64QAM	2595	50	0	9.065	/	Pass
15	QPSK	2595	75	0	13.645	/	Pass
	16QAM	2595	75	0	13.579	/	Pass
	64QAM	2595	75	0	13.582	/	Pass
20	QPSK	2595	100	0	18.081	/	Pass
	16QAM	2595	100	0	18.094	/	Pass
	64QAM	2595	100	0	18.066	/	Pass

3.1.2 Band38_XDB

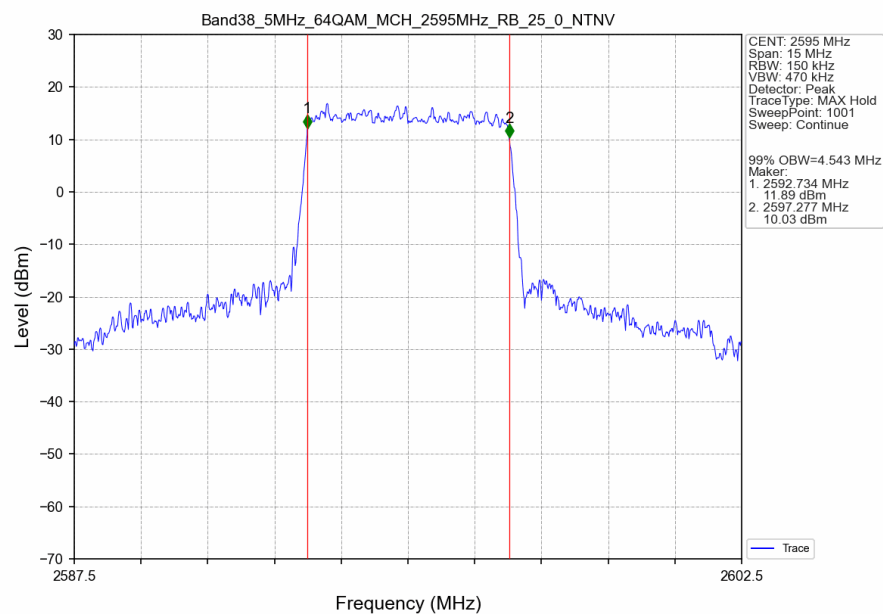
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	5.032	/	Pass
	16QAM	2595	25	0	5.163	/	Pass
	64QAM	2595	25	0	4.952	/	Pass
10	QPSK	2595	50	0	10.098	/	Pass
	16QAM	2595	50	0	10.060	/	Pass
	64QAM	2595	50	0	13.032	/	Pass
15	QPSK	2595	75	0	15.809	/	Pass
	16QAM	2595	75	0	14.828	/	Pass
	64QAM	2595	75	0	14.786	/	Pass
20	QPSK	2595	100	0	21.526	/	Pass
	16QAM	2595	100	0	21.190	/	Pass
	64QAM	2595	100	0	20.735	/	Pass

3.2 Test Graph

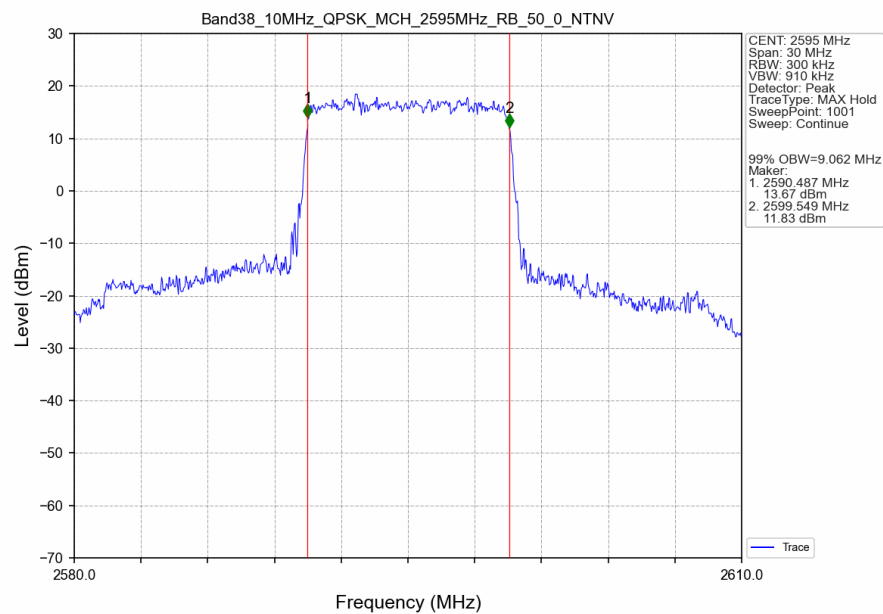
3.2.1 Band38_OBW



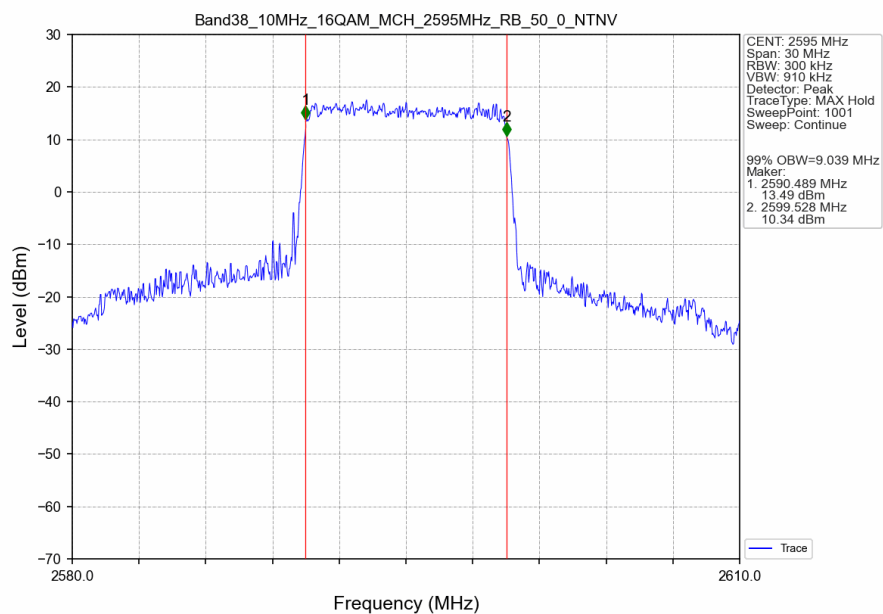
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



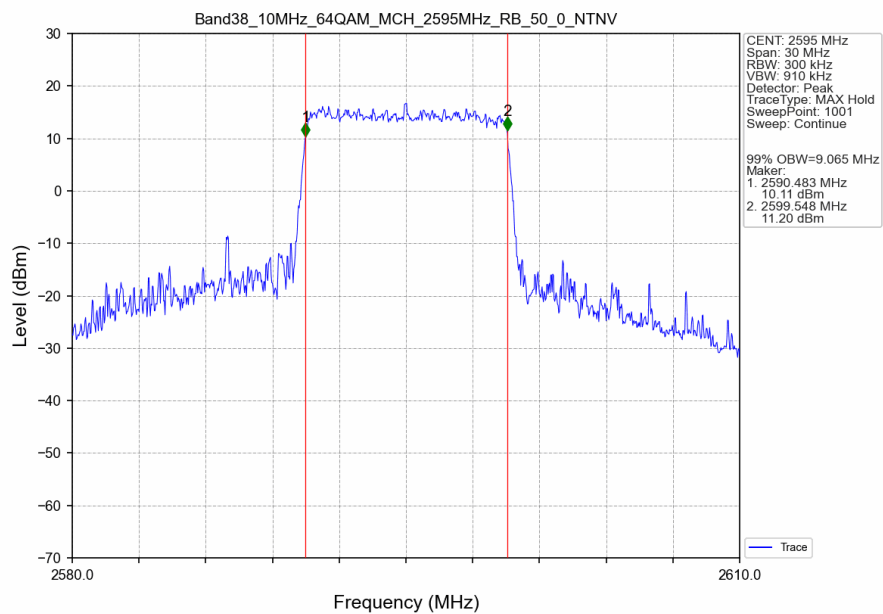
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



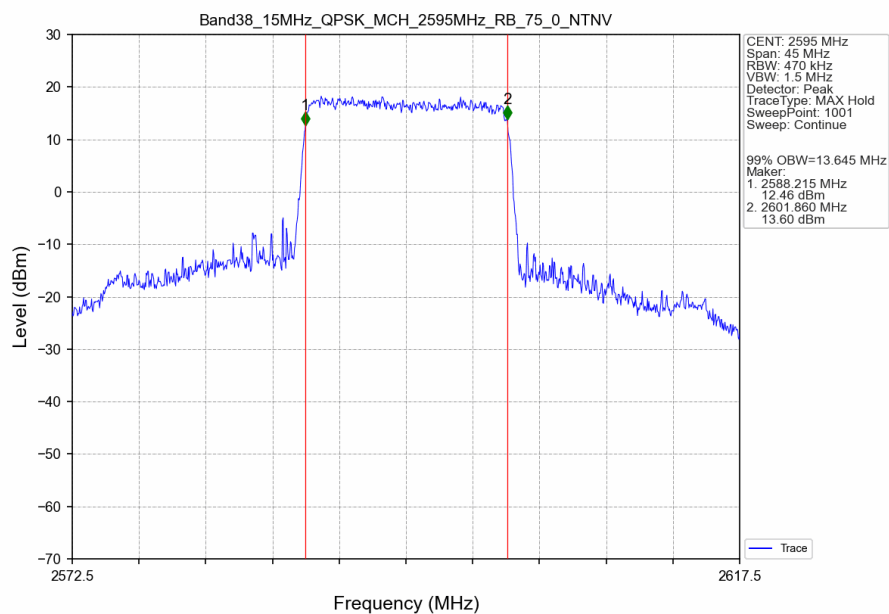
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



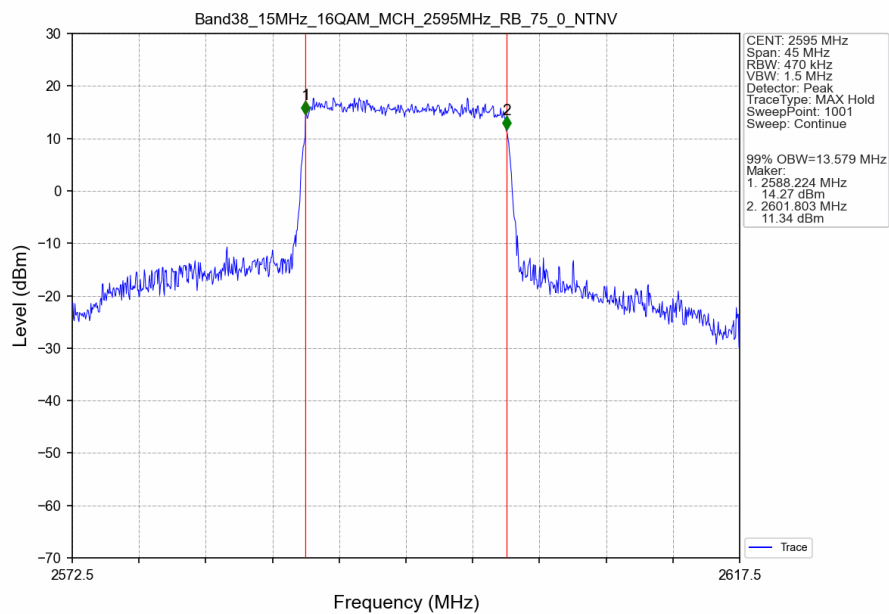
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



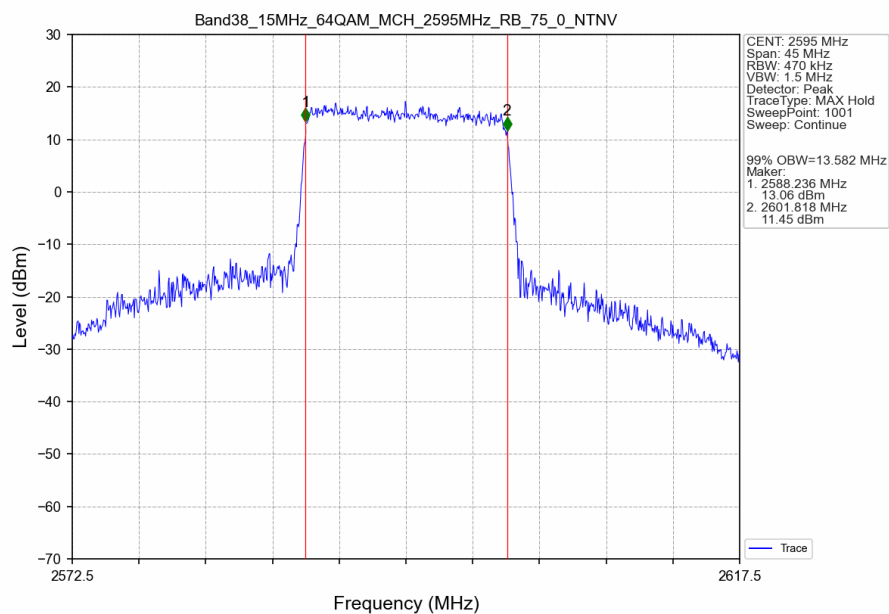
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



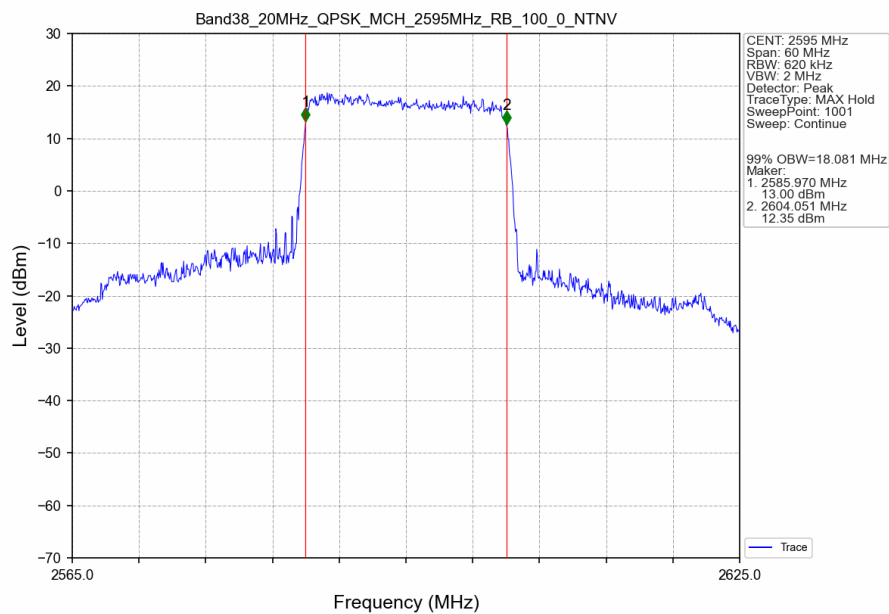
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



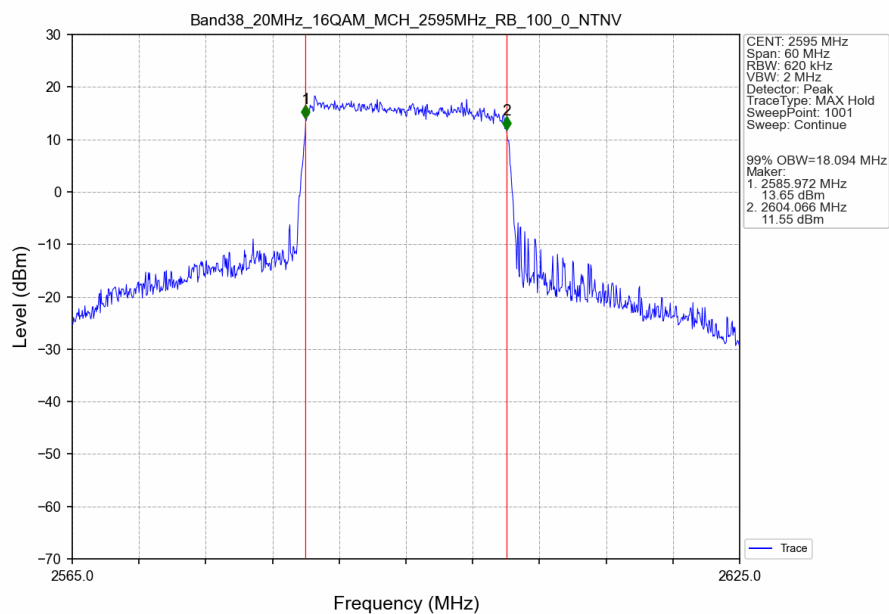
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



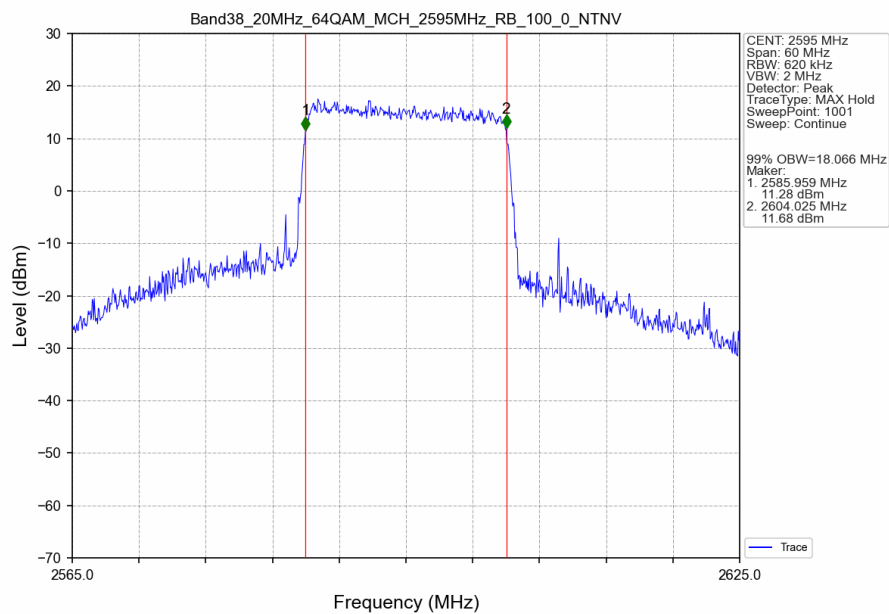
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



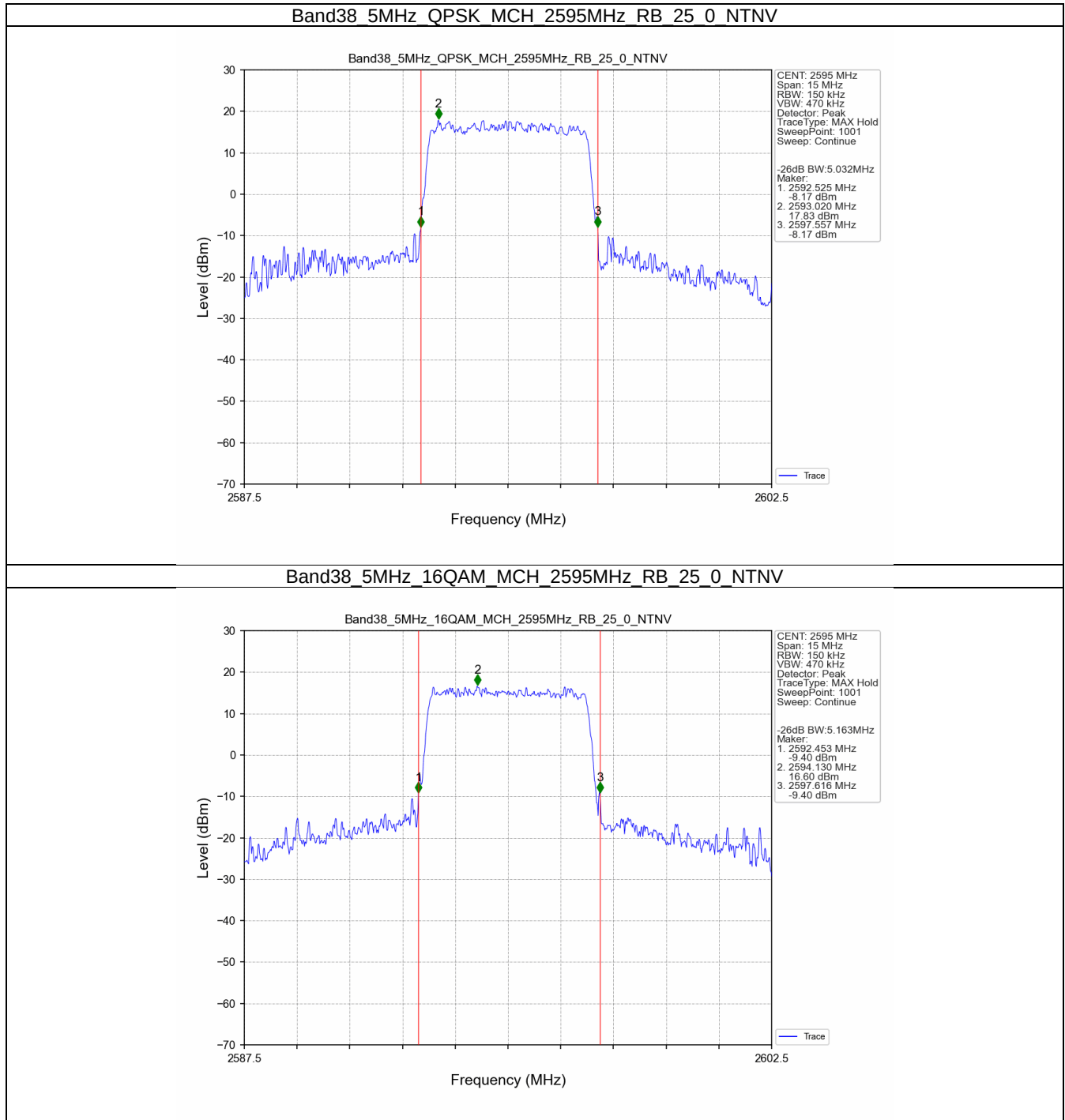
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



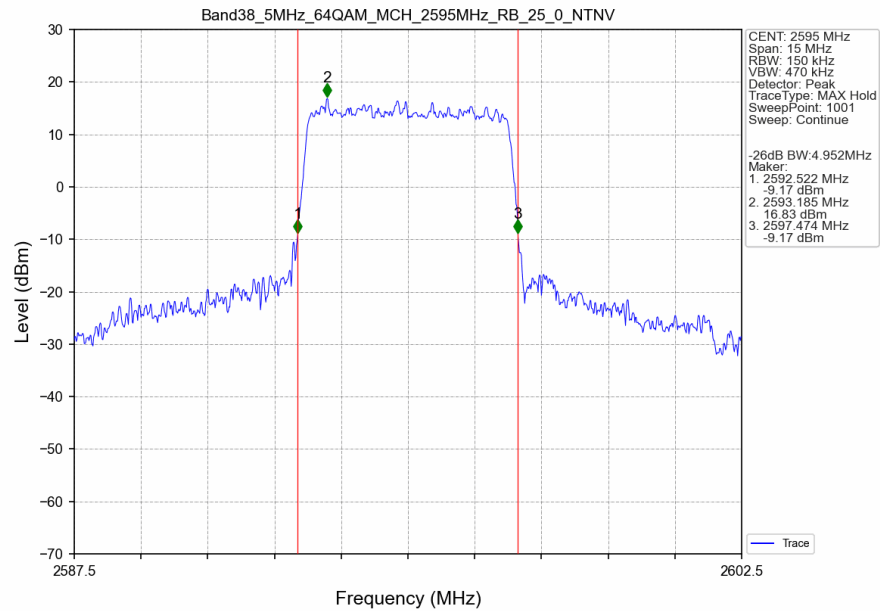
Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



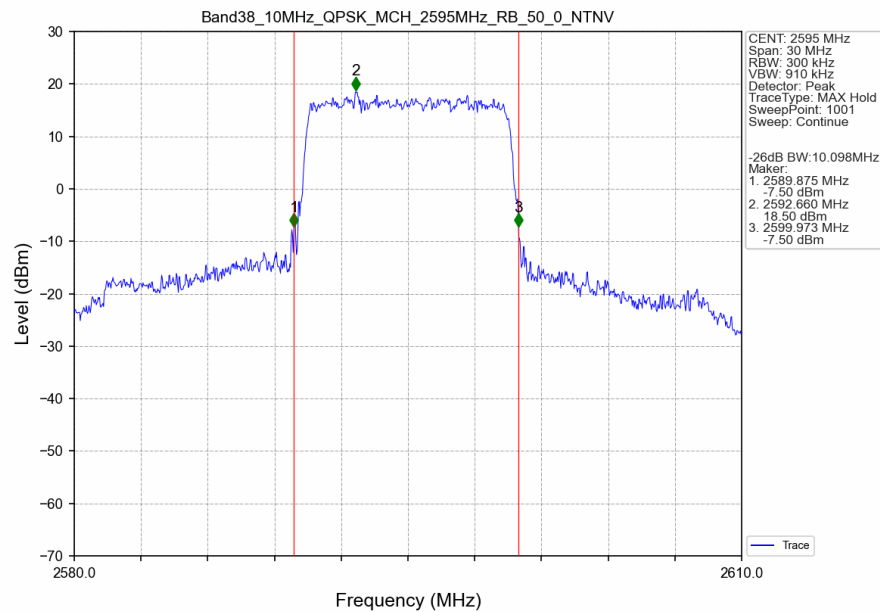
3.2.2 Band38_XDB



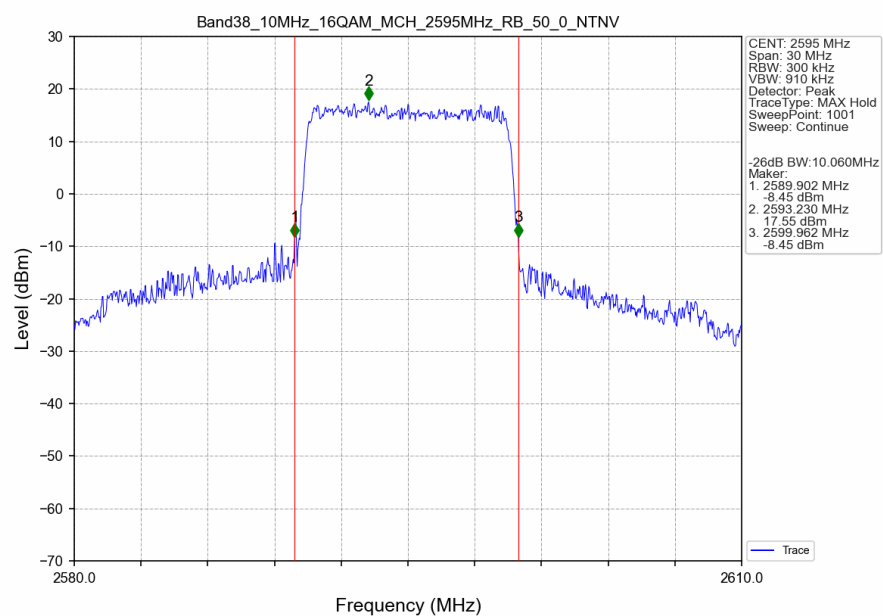
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



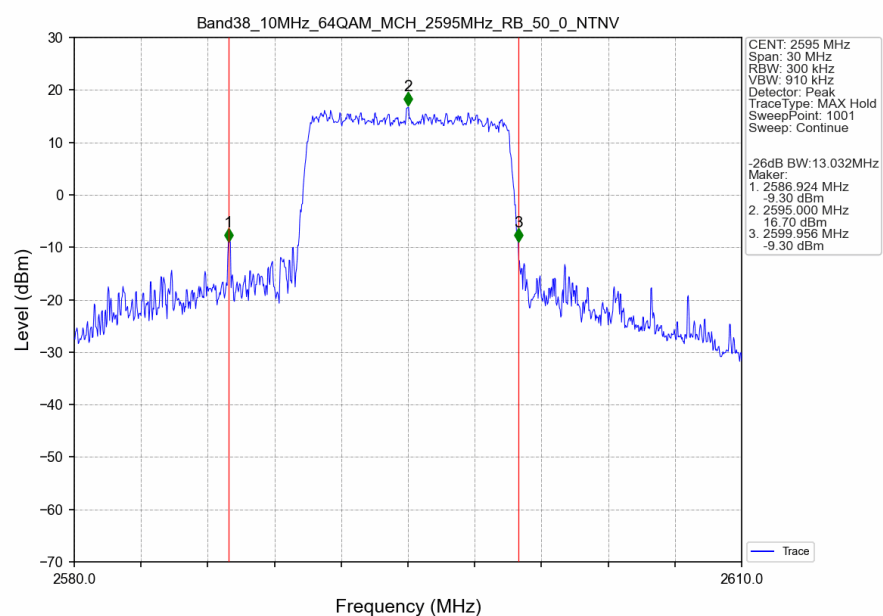
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



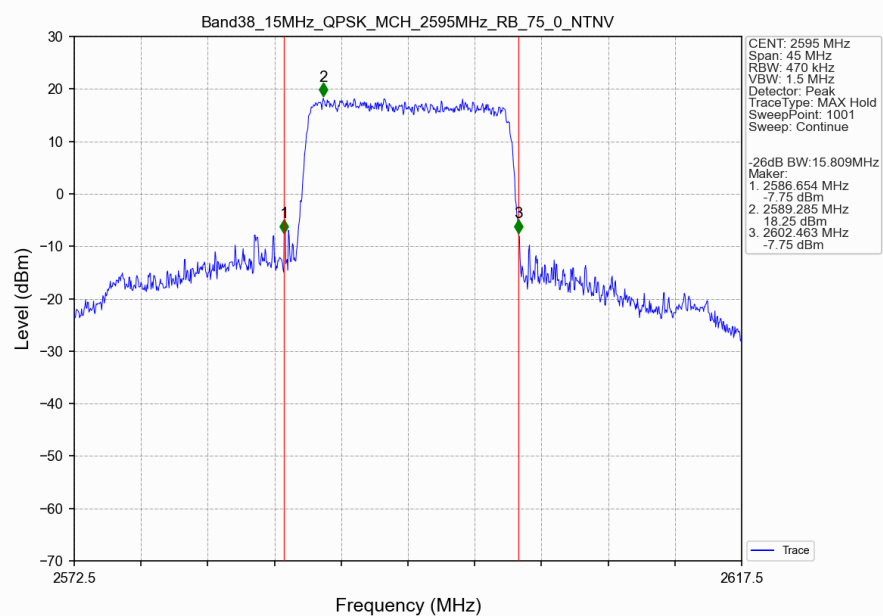
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



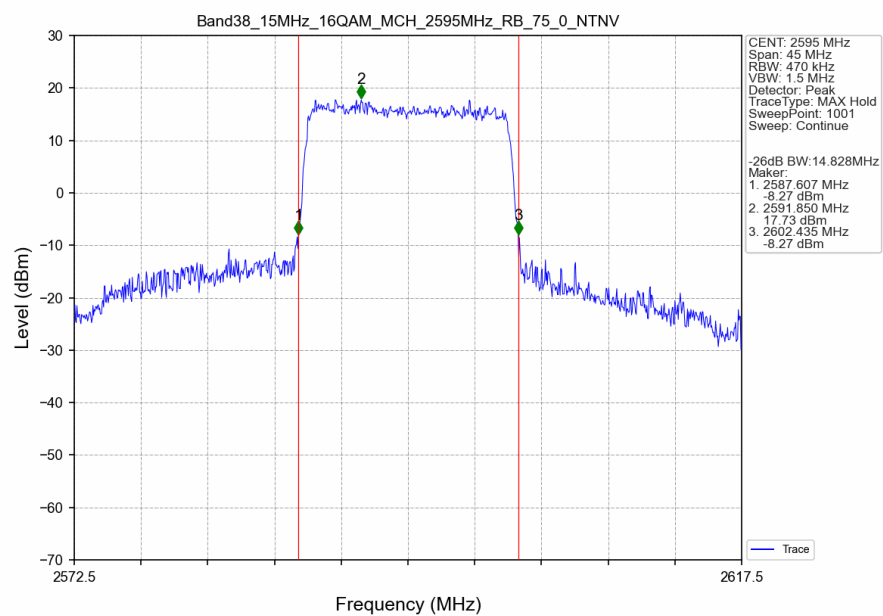
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



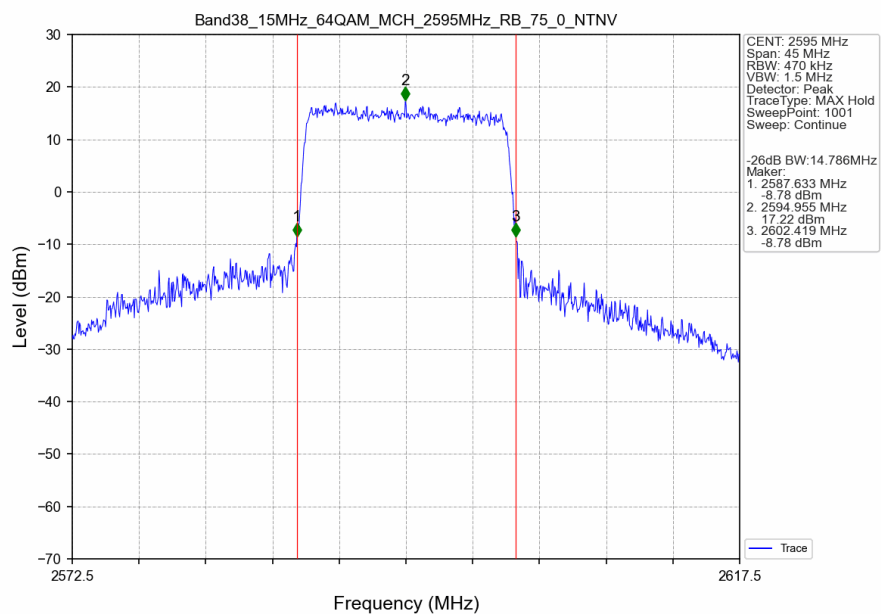
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



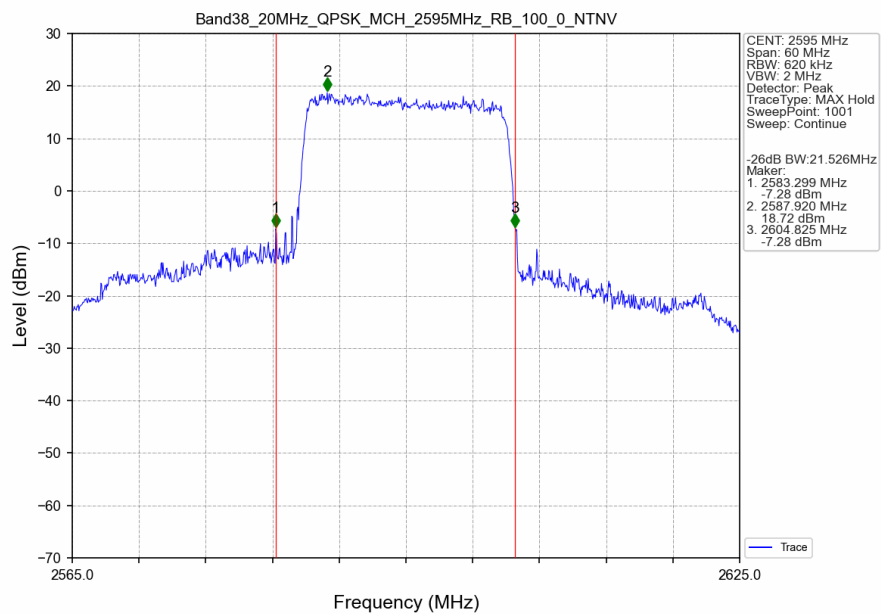
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



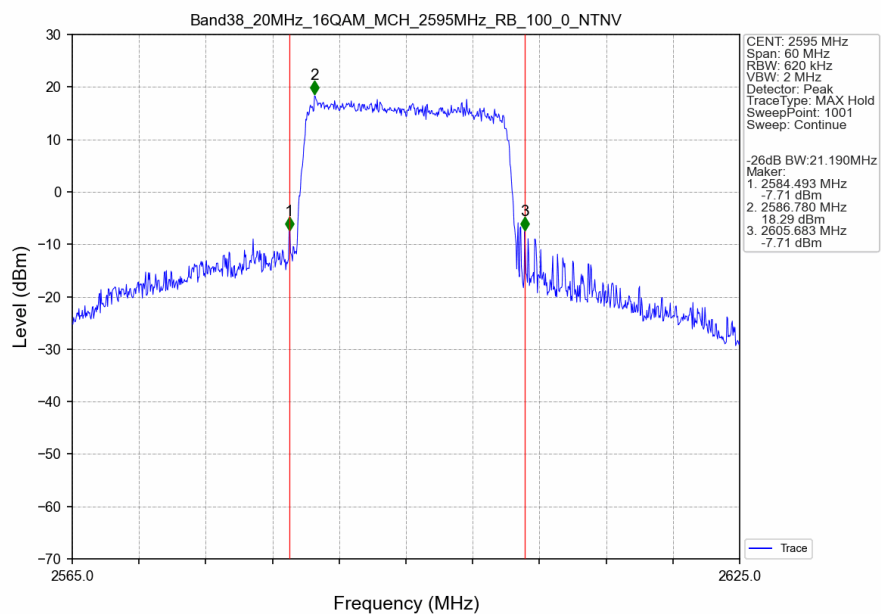
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



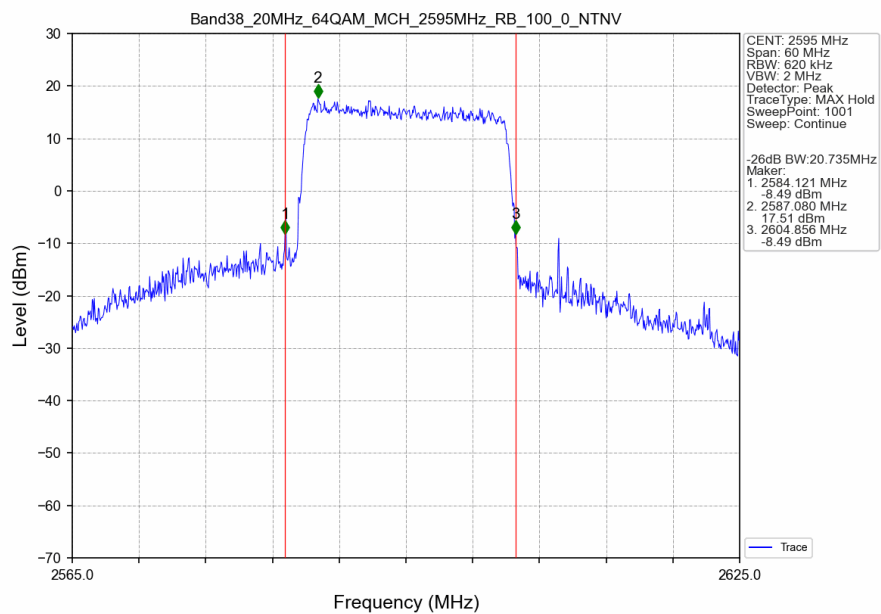
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV





4. Peak-Average Ratio

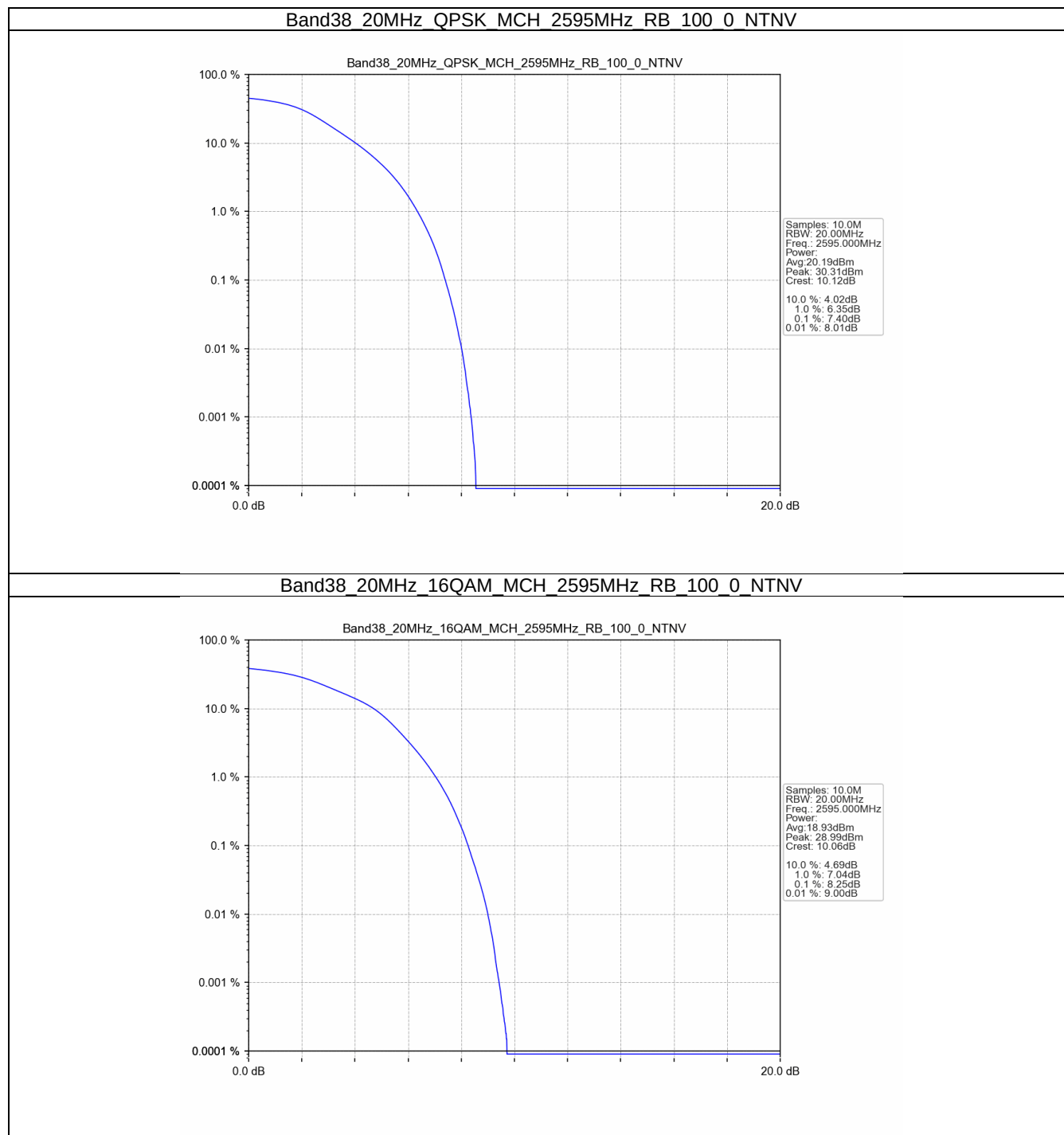
4.1 Test Result

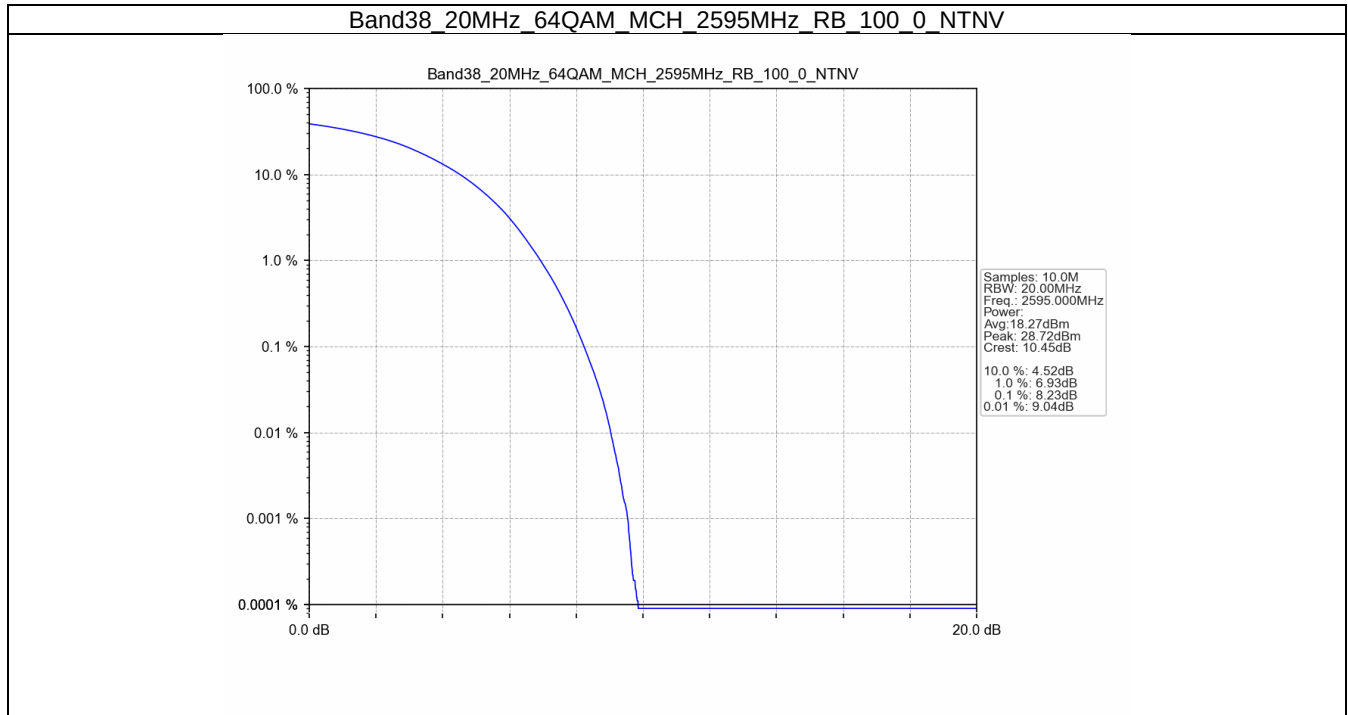
4.1.1 B38_20MHz

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2595	100	0	7.40	<=13	Pass
16QAM	2595	100	0	8.25	<=13	Pass
64QAM	2595	100	0	8.23	<=13	Pass

4.2 Test Graph

4.2.1 B38_20MHz





5. Spurious Emission

5.1 Test Result

5.1.1 B38_5MHz

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

5.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz / NTV						
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 / NTV						
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

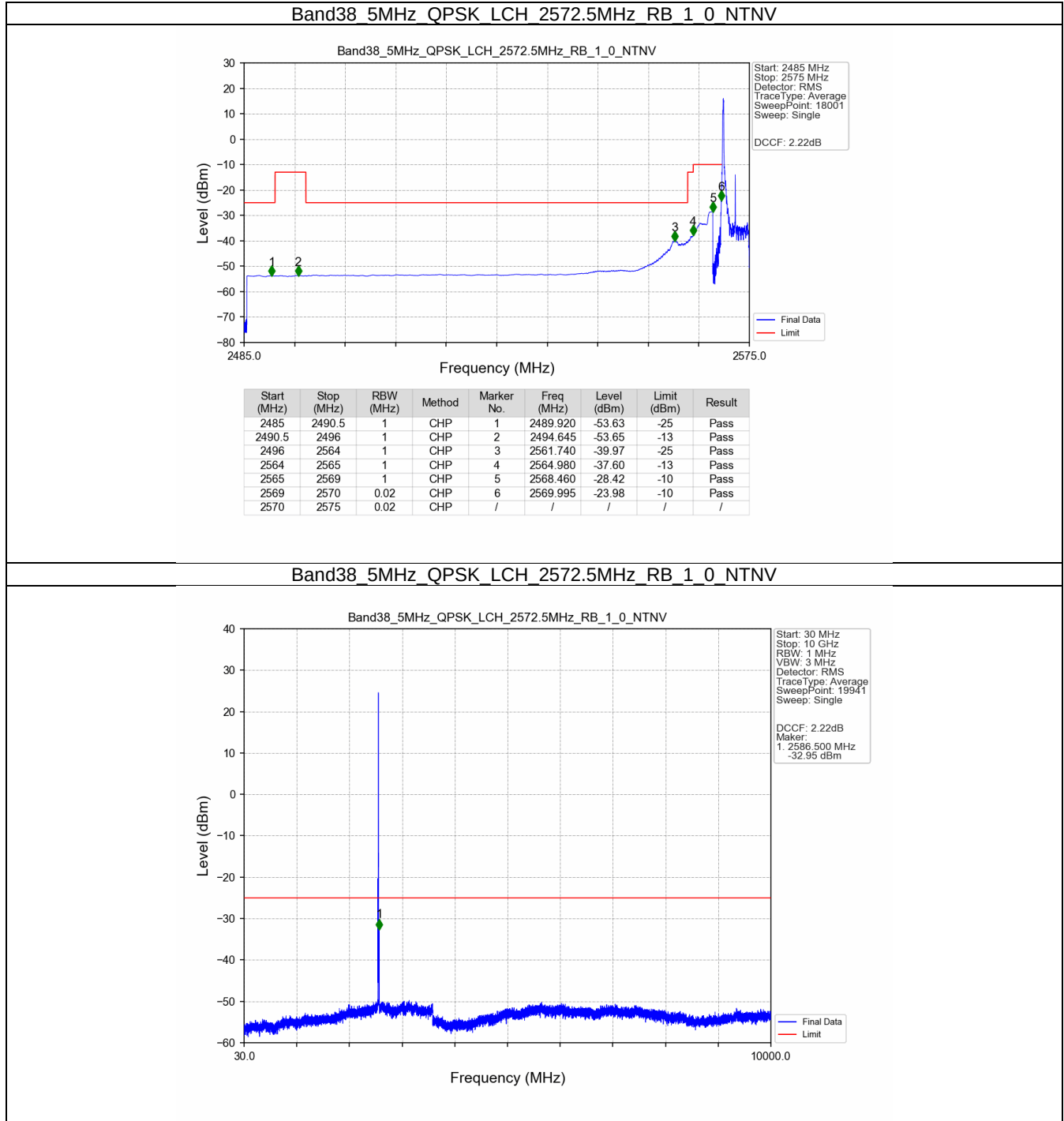


5.1.4 B38_20MHz

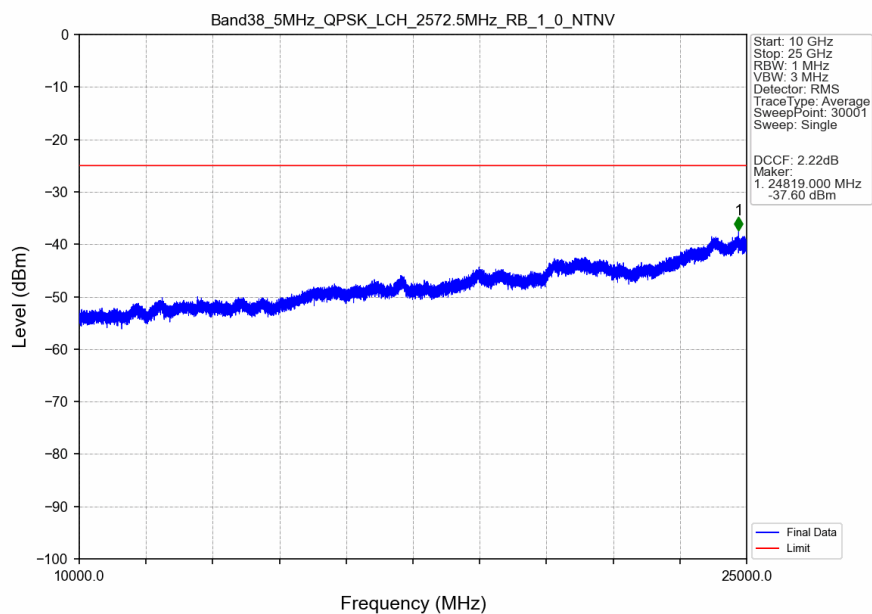
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

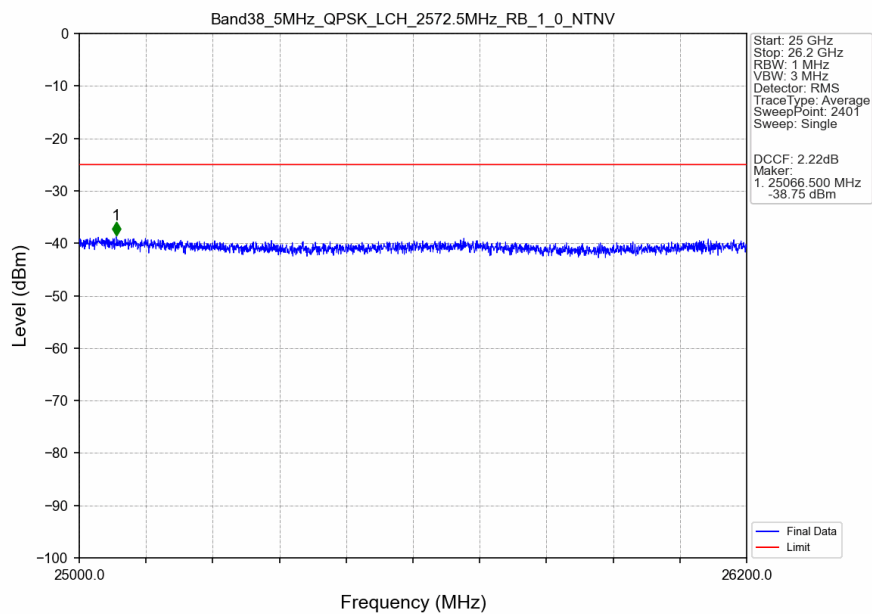
5.2.1 B38_5MHz



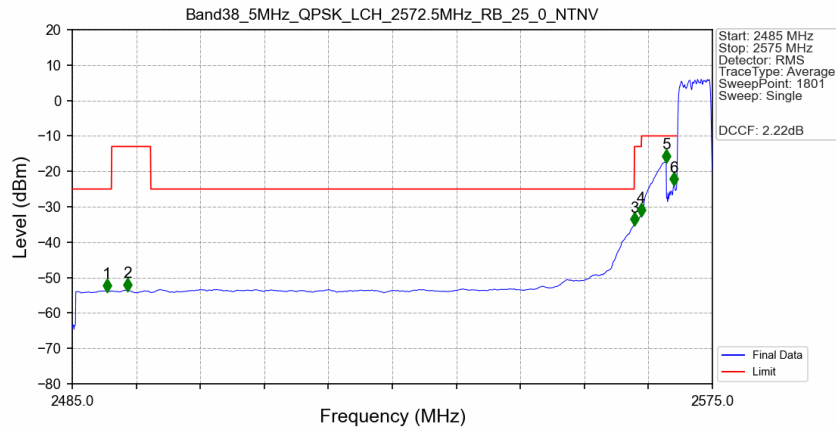
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

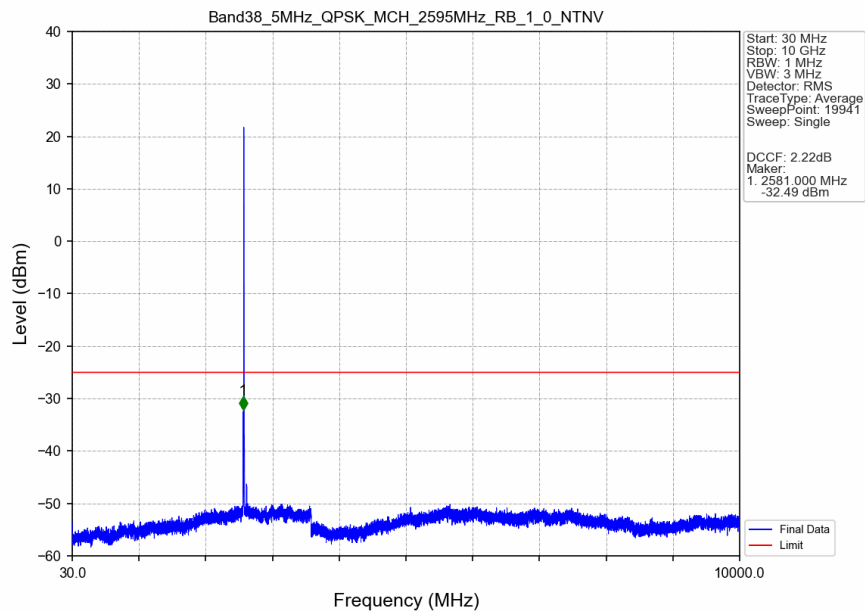


Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV

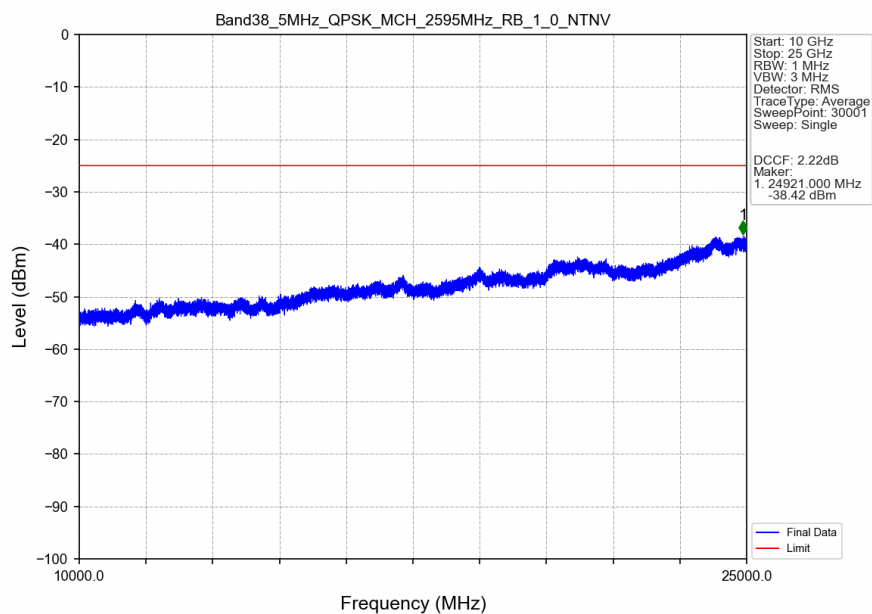


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.850	-53.75	-25	Pass
2490.5	2496	1	CHP	2	2492.800	-53.52	-13	Pass
2496	2564	1	CHP	3	2564.000	-35.05	-25	Pass
2564	2565	1	CHP	4	2565.000	-32.34	-13	Pass
2565	2569	1	CHP	5	2568.500	-17.18	-10	Pass
2569	2570	0.101	CHP	6	2569.600	-23.78	-10	Pass
2570	2575	0.101	CHP	/	/	/	/	/

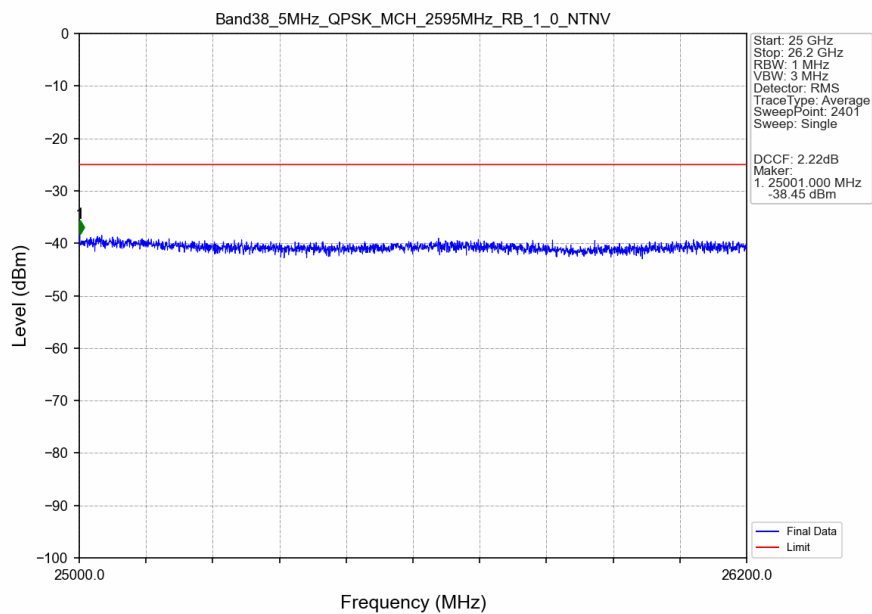
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



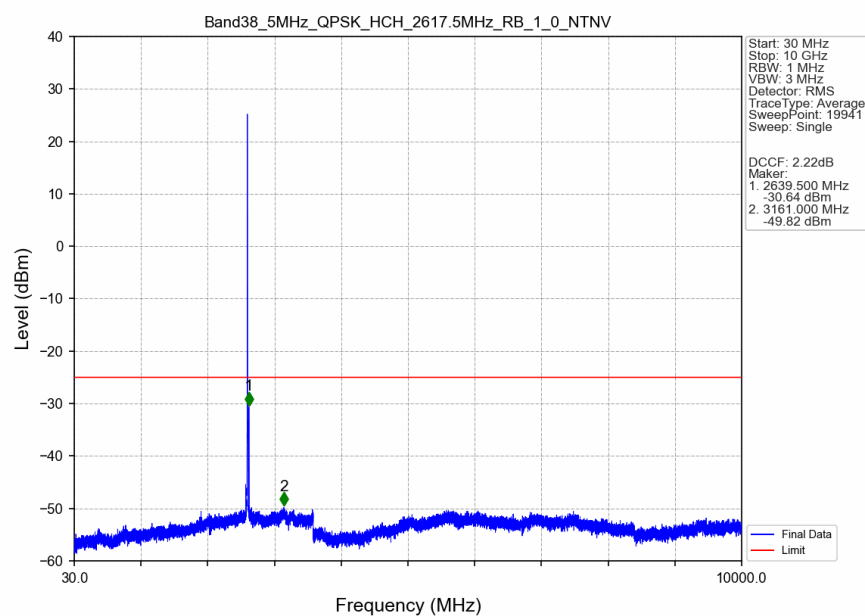
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



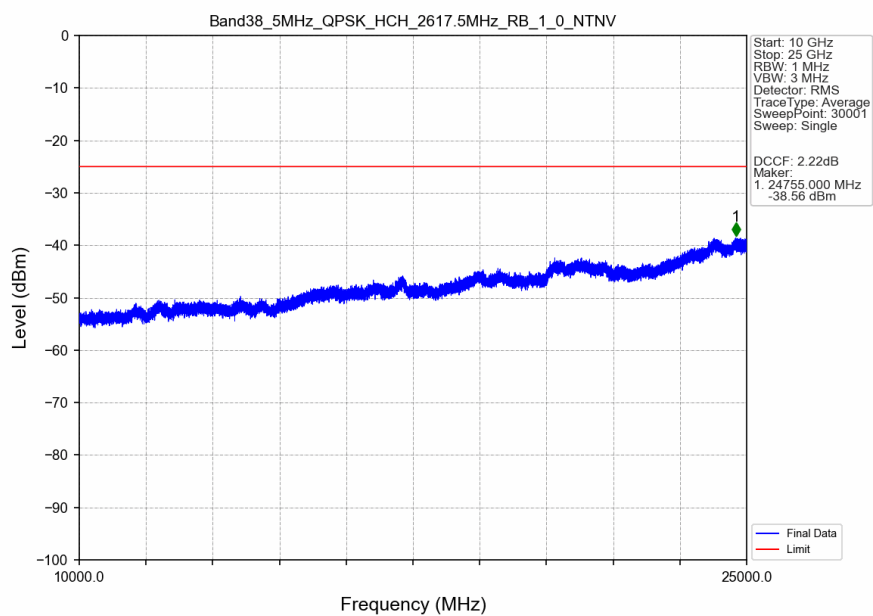
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



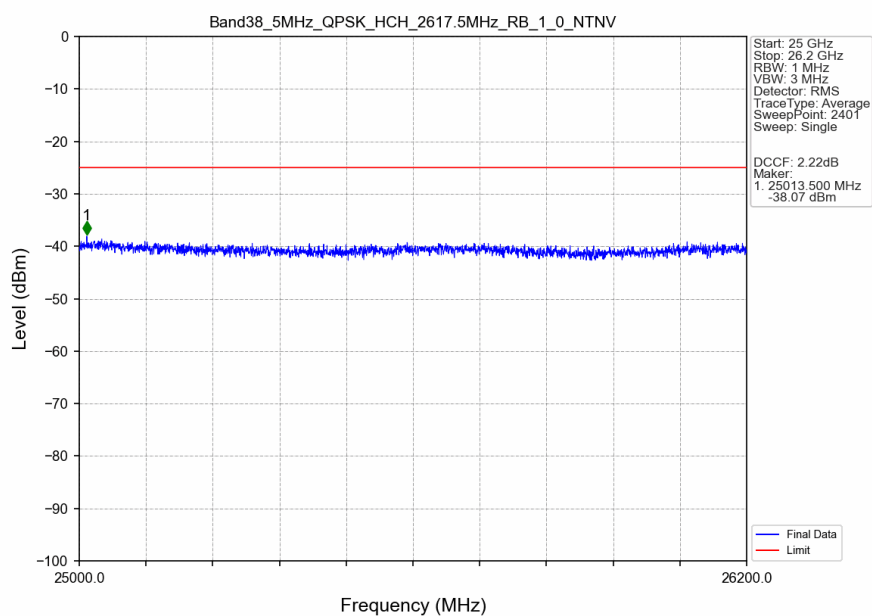
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



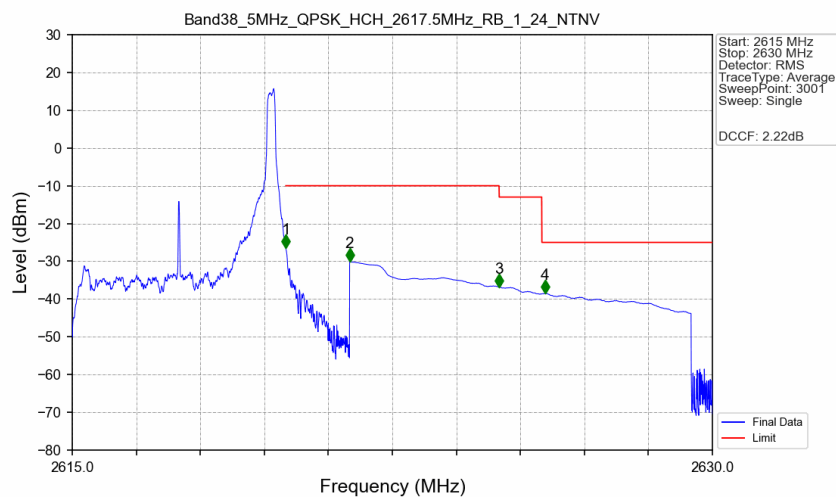
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



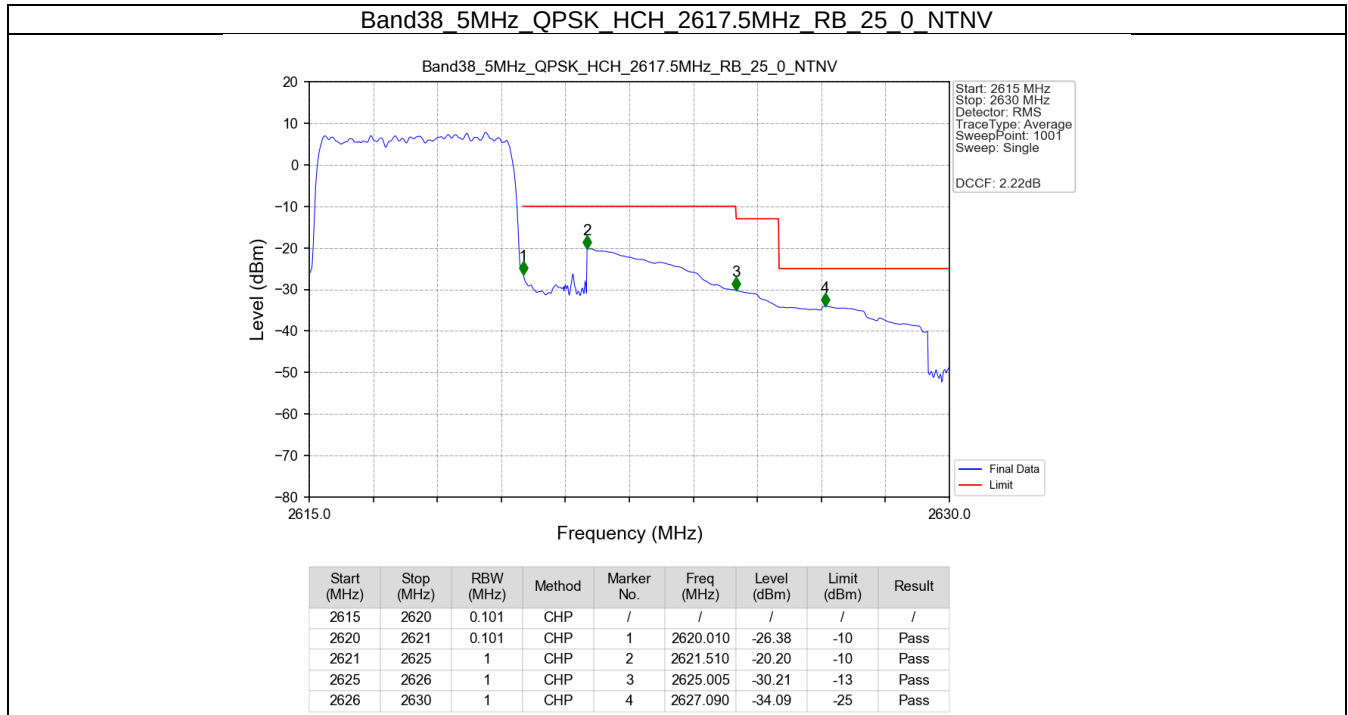
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV

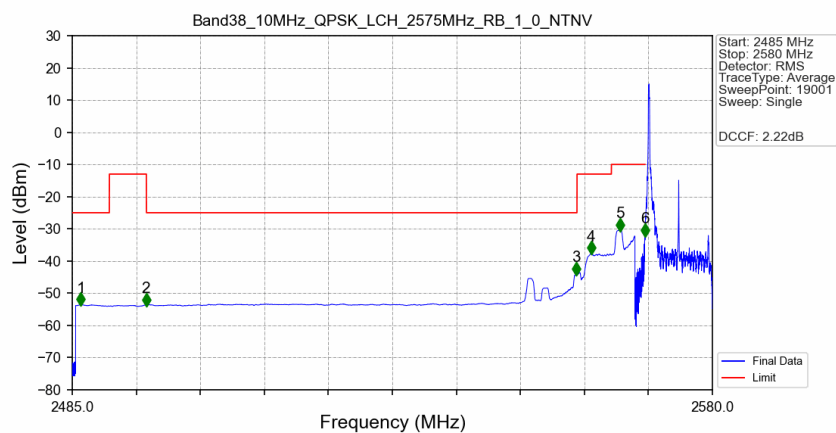


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-26.47	-10	Pass
2621	2625	1	CHP	2	2621.500	-30.13	-10	Pass
2625	2626	1	CHP	3	2625.005	-36.83	-13	Pass
2626	2630	1	CHP	4	2626.075	-38.47	-25	Pass

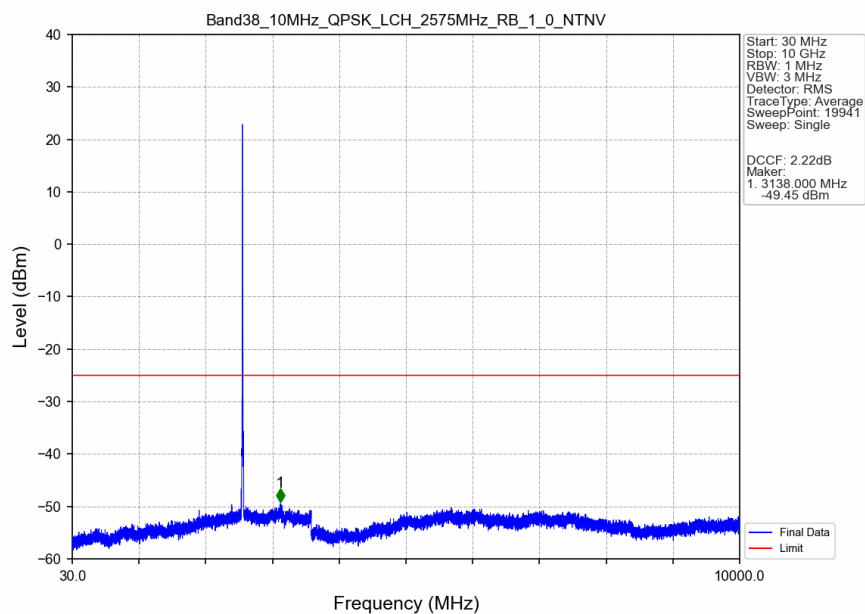


5.2.2 B38_10MHz

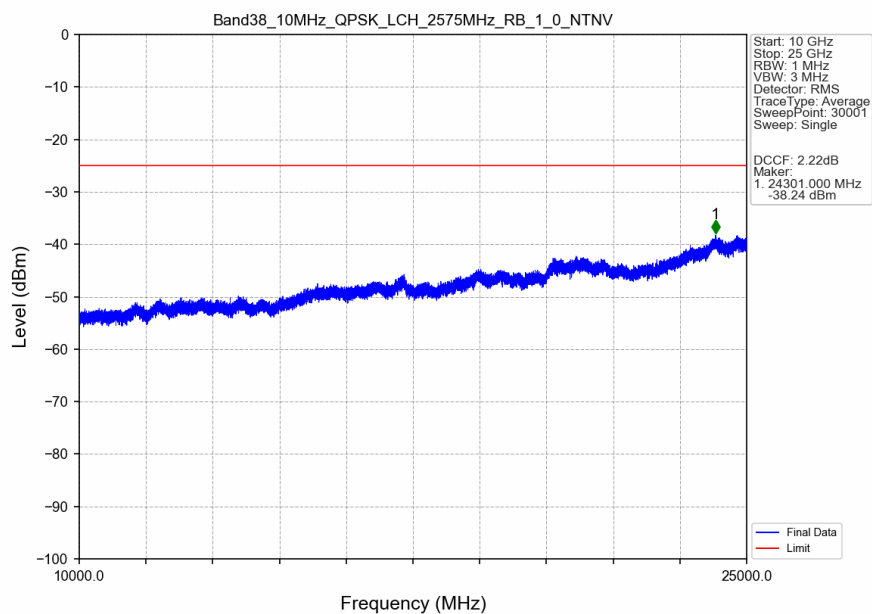
Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTNV



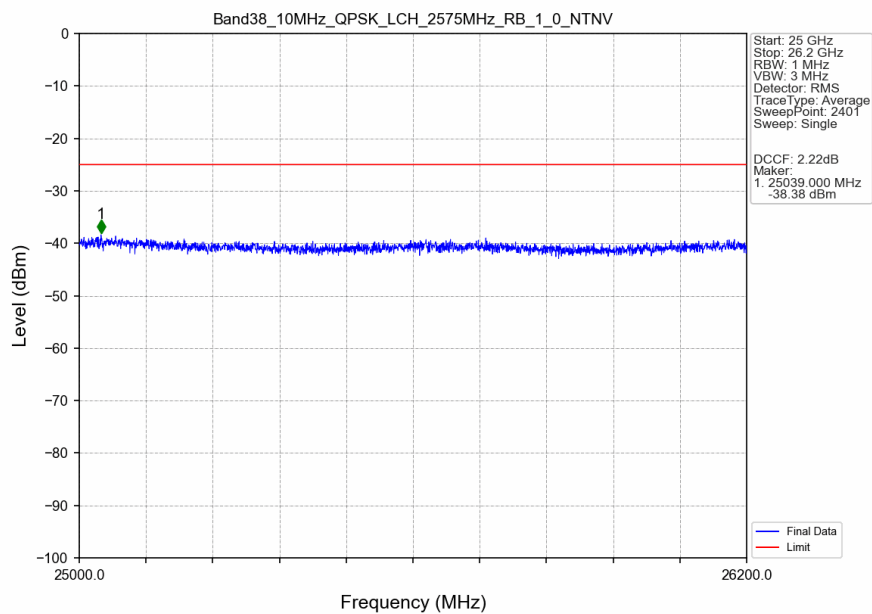
Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTNV



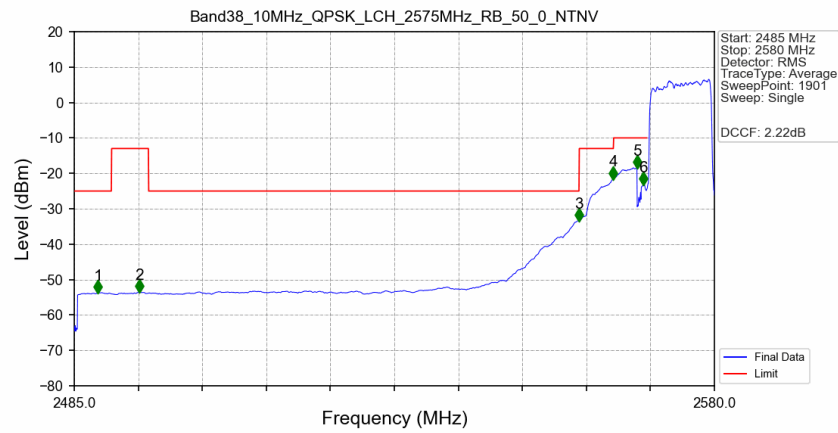
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

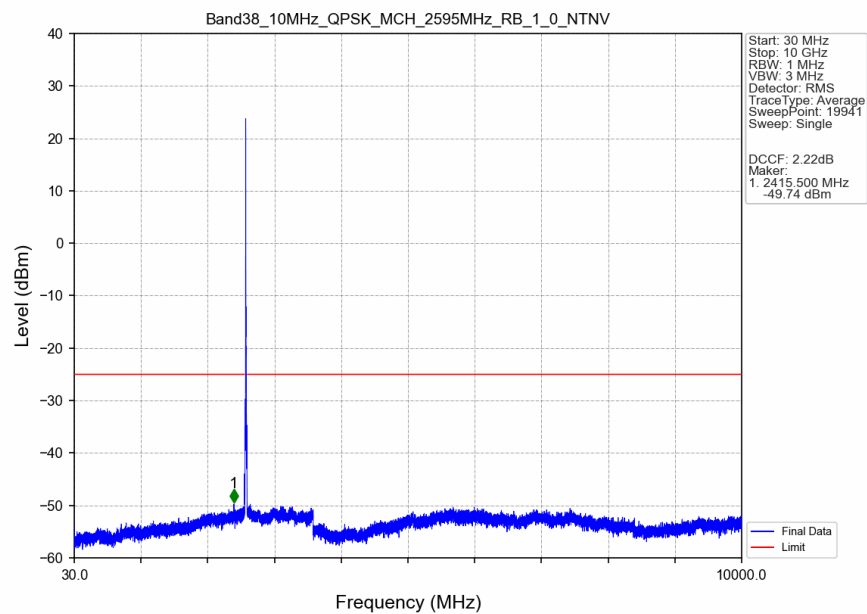


Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV

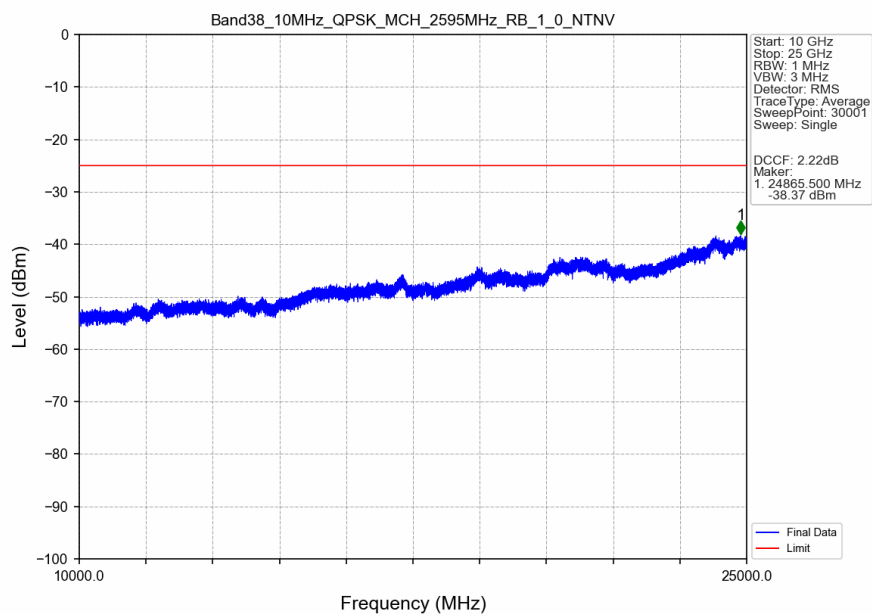


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.500	-53.69	-25	Pass
2490.5	2496	1	CHP	2	2494.700	-53.39	-13	Pass
2496	2559.902	1	CHP	3	2559.900	-33.26	-25	Pass
2559.902	2565	1	CHP	4	2565.000	-21.47	-13	Pass
2565	2569	1	CHP	5	2568.500	-18.33	-10	Pass
2569	2570	0.202	CHP	6	2569.450	-23.12	-10	Pass
2570	2580	0.202	CHP	/	/	/	/	/

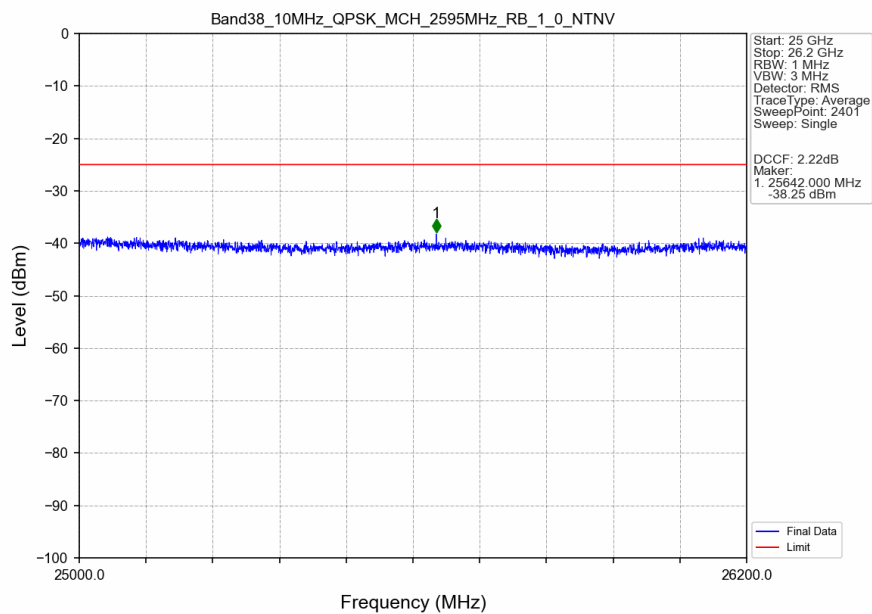
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



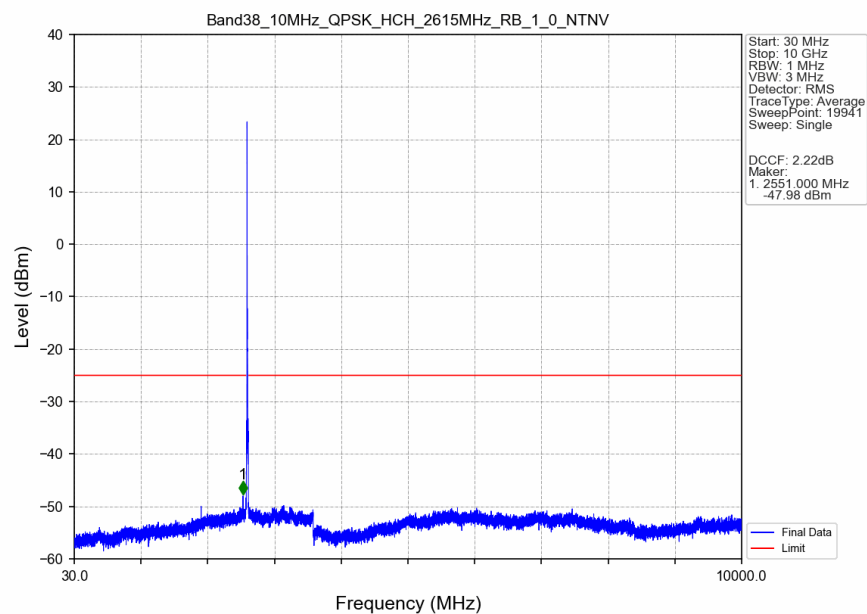
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



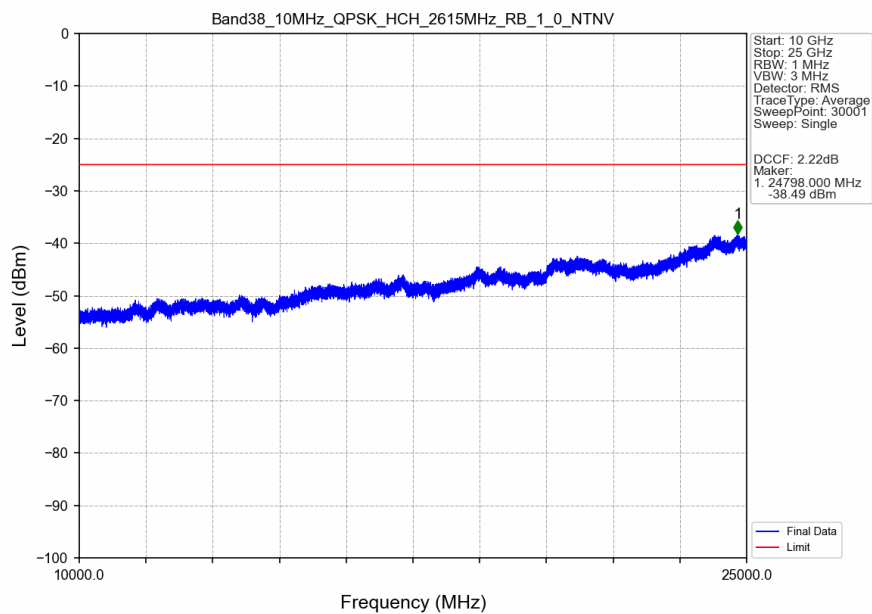
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



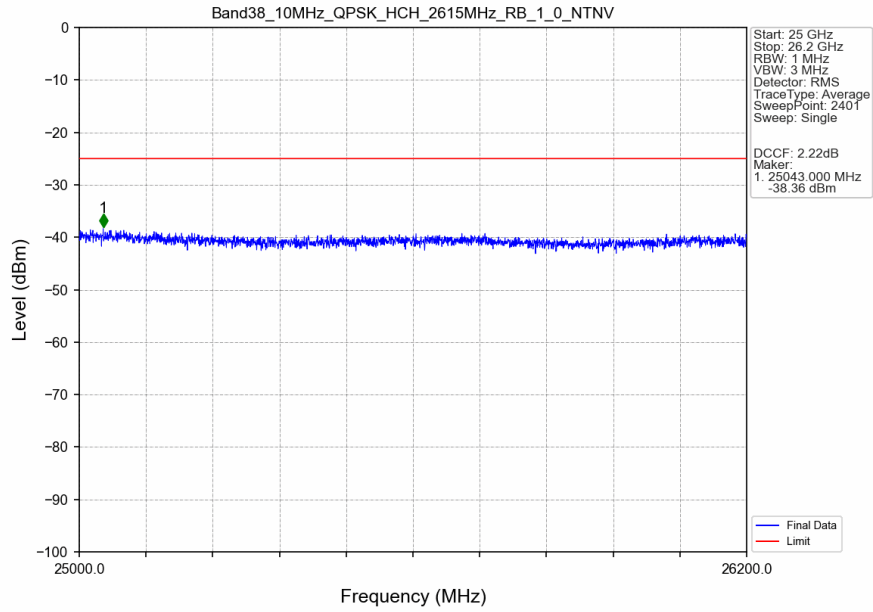
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



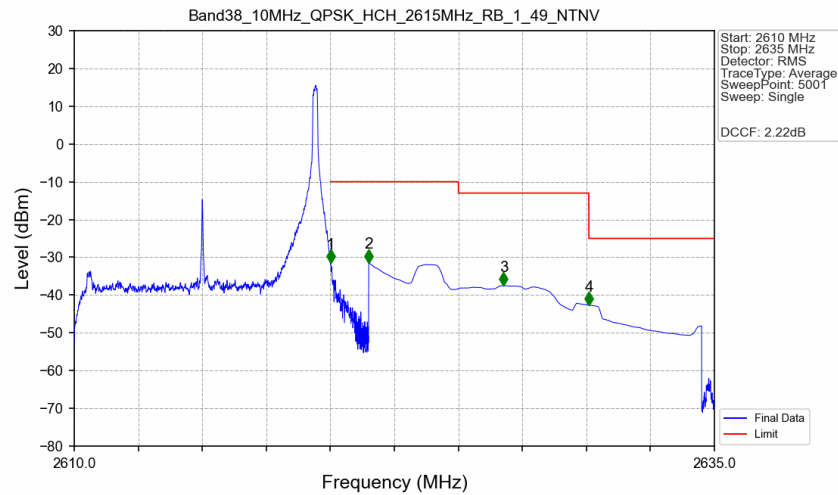
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV

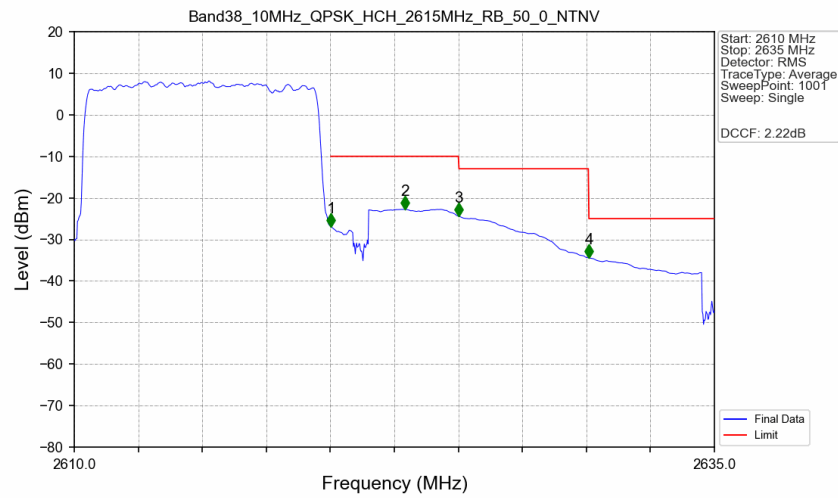


Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV



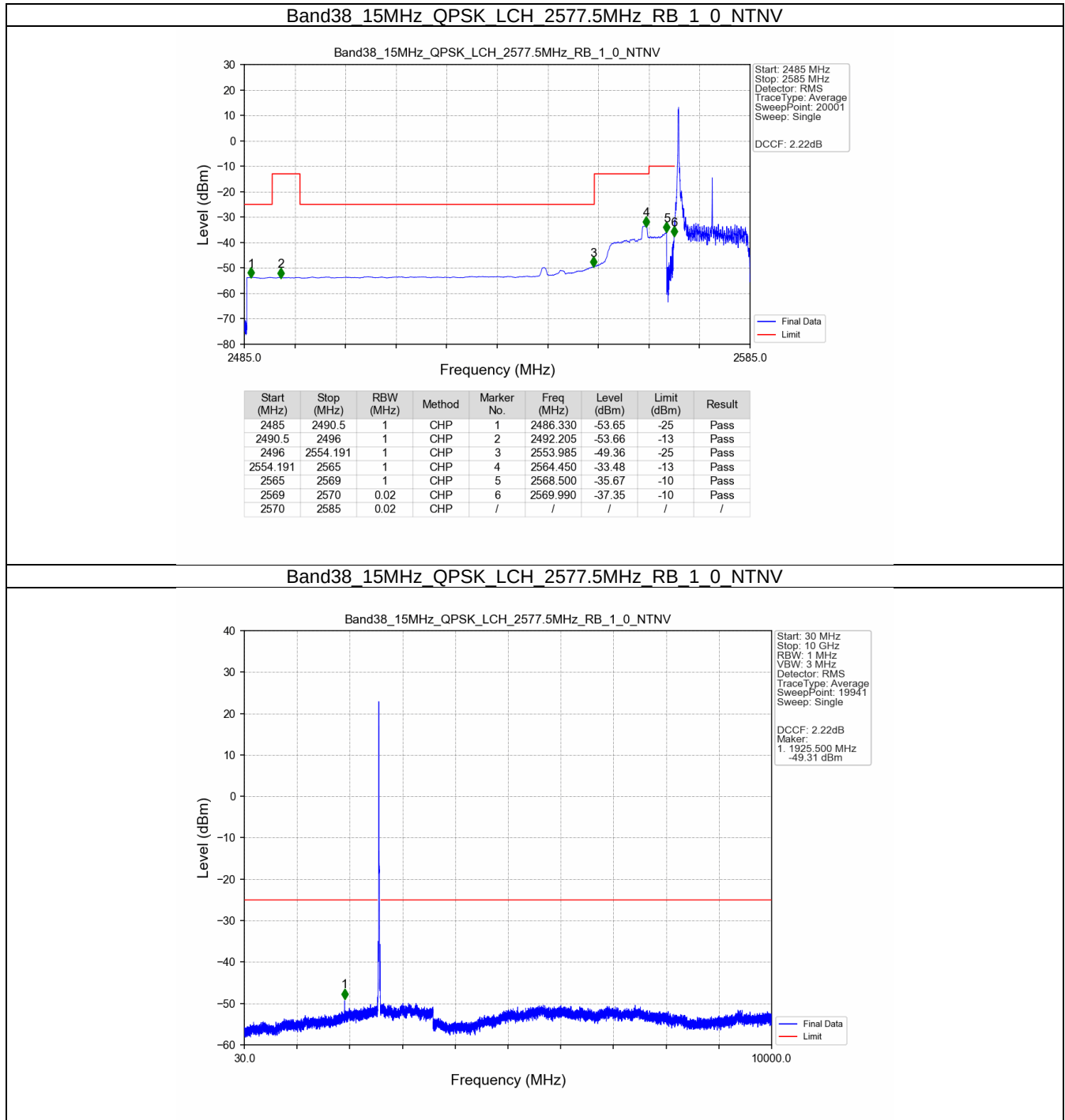
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.015	-31.38	-10	Pass
2621	2625	1	CHP	2	2621.500	-31.35	-10	Pass
2625	2630.098	1	CHP	3	2626.770	-37.52	-13	Pass
2630.098	2635	1	CHP	4	2630.100	-42.67	-25	Pass

Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV

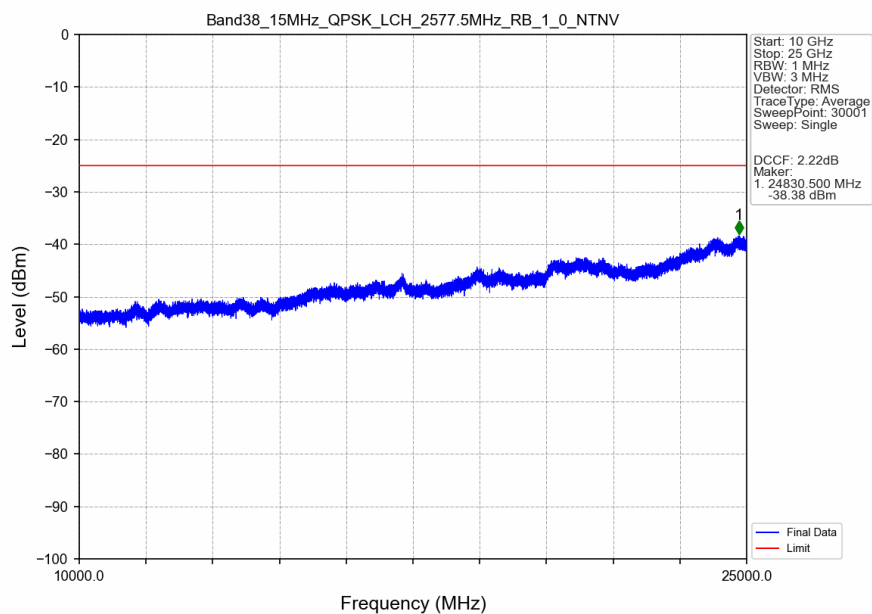


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.202	CHP	/	/	/	/	/
2620	2621	0.202	CHP	1	2620.025	-26.97	-10	Pass
2621	2625	1	CHP	2	2622.925	-22.73	-10	Pass
2625	2630.098	1	CHP	3	2625.025	-24.44	-13	Pass
2630.098	2635	1	CHP	4	2630.100	-34.47	-25	Pass

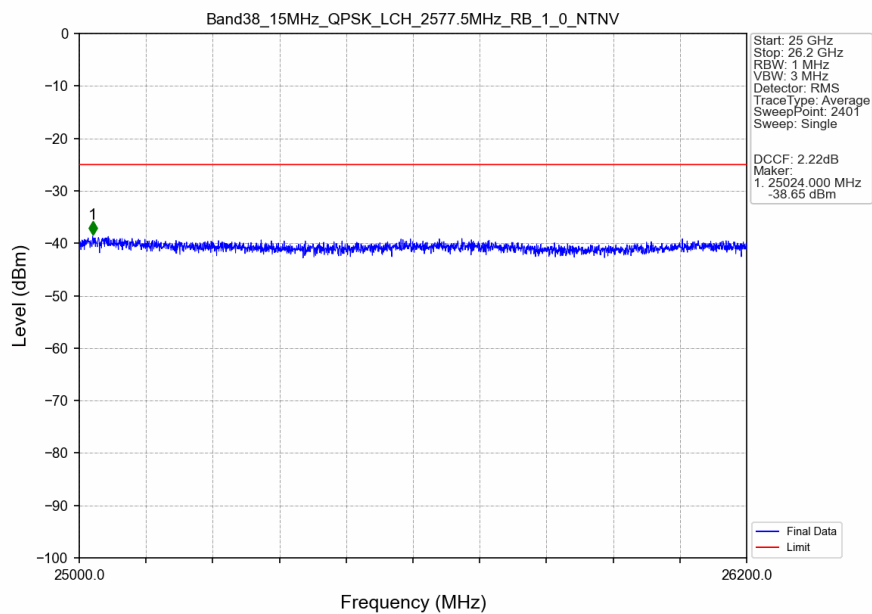
5.2.3 B38_15MHz



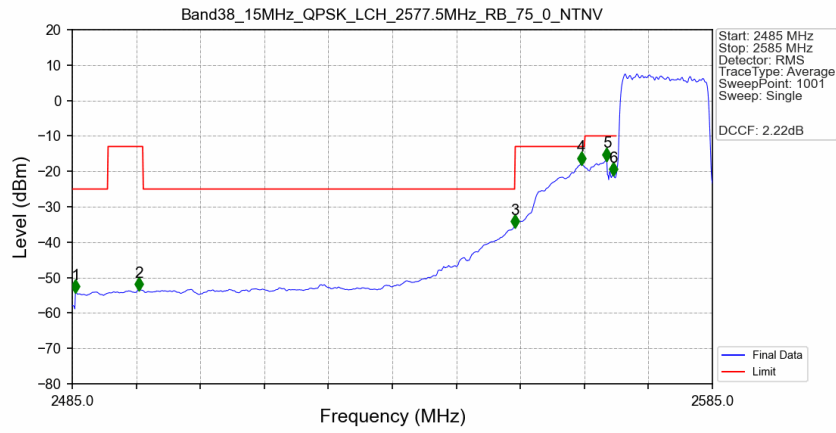
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

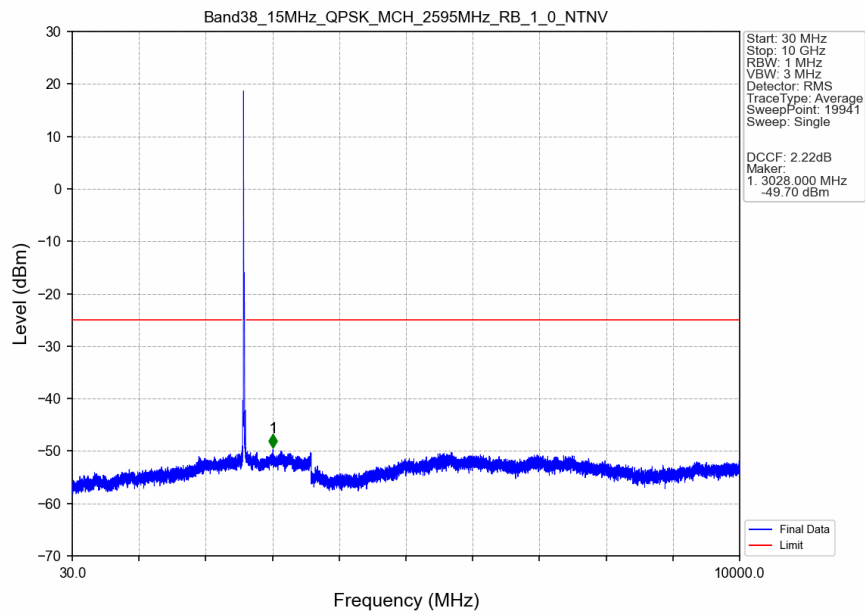


Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV

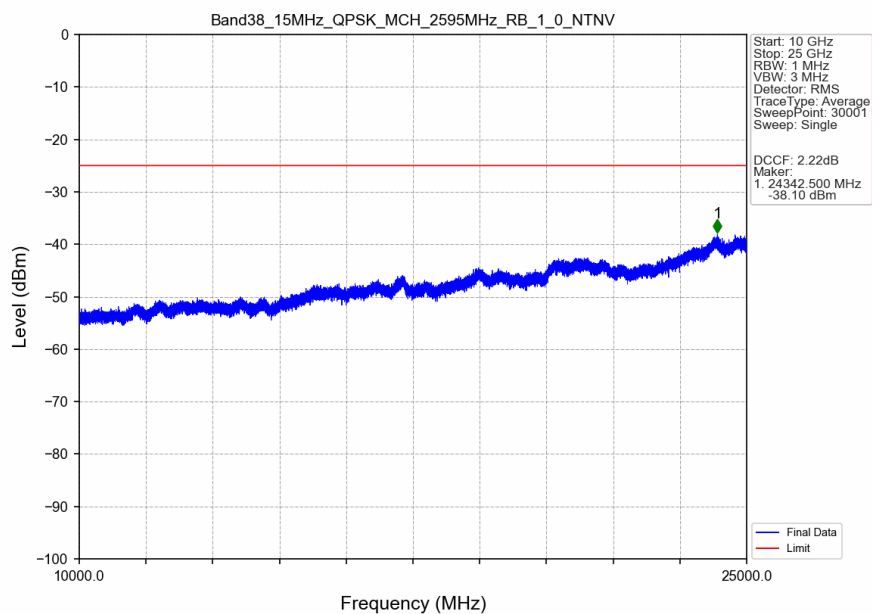


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.500	-54.04	-25	Pass
2490.5	2496	1	CHP	2	2495.400	-53.39	-13	Pass
2496	2554.191	1	CHP	3	2554.100	-35.61	-25	Pass
2554.191	2565	1	CHP	4	2564.500	-17.84	-13	Pass
2565	2569	1	CHP	5	2568.500	-16.73	-10	Pass
2569	2570	0.316	CHP	6	2569.500	-20.93	-10	Pass
2570	2585	0.316	CHP	/	/	/	/	/

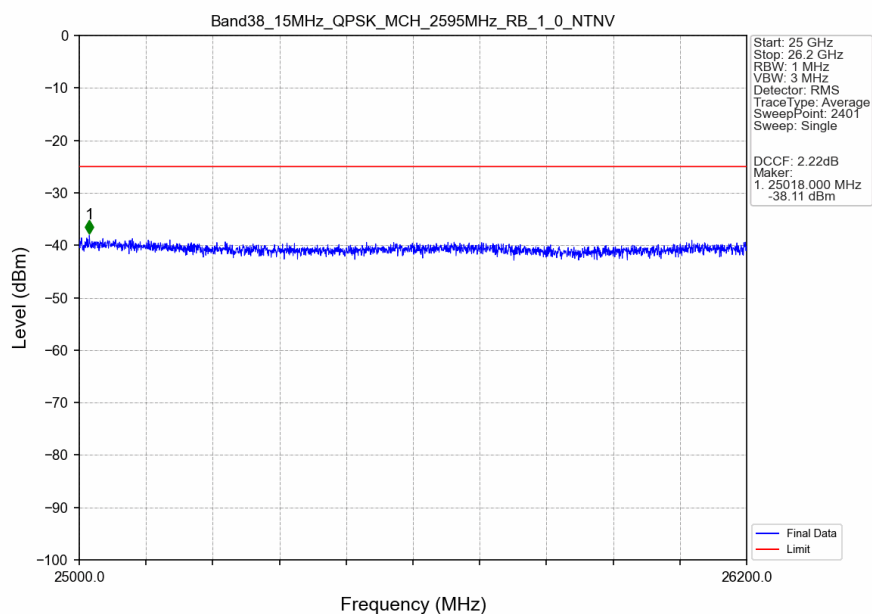
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



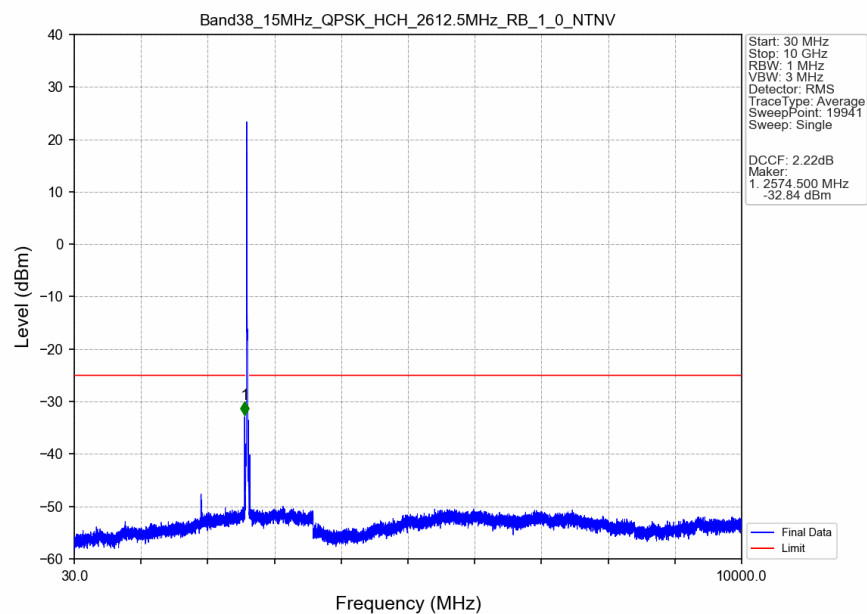
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



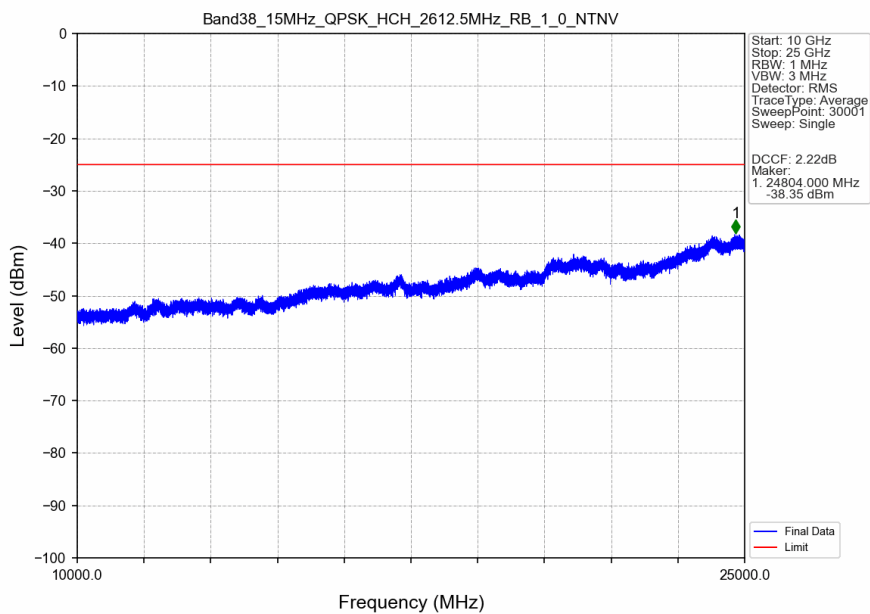
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



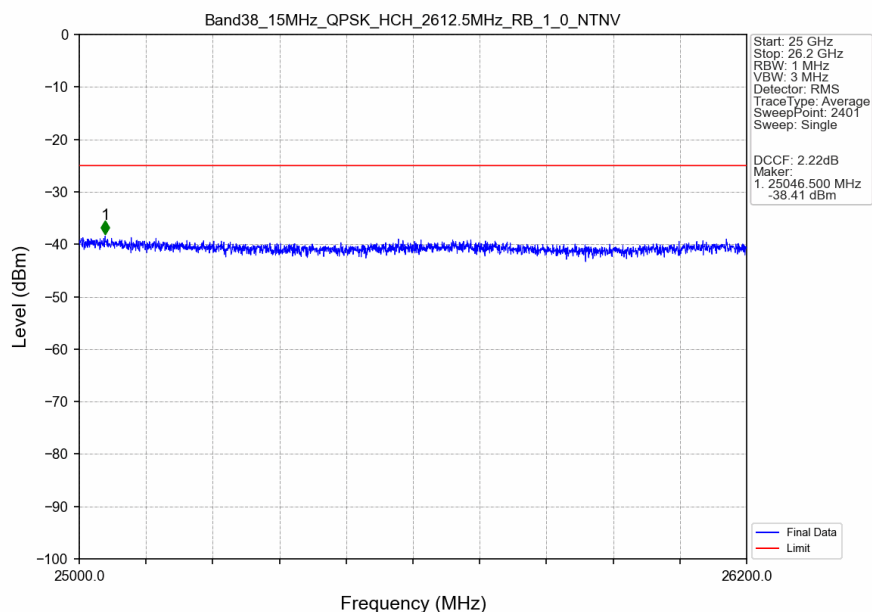
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



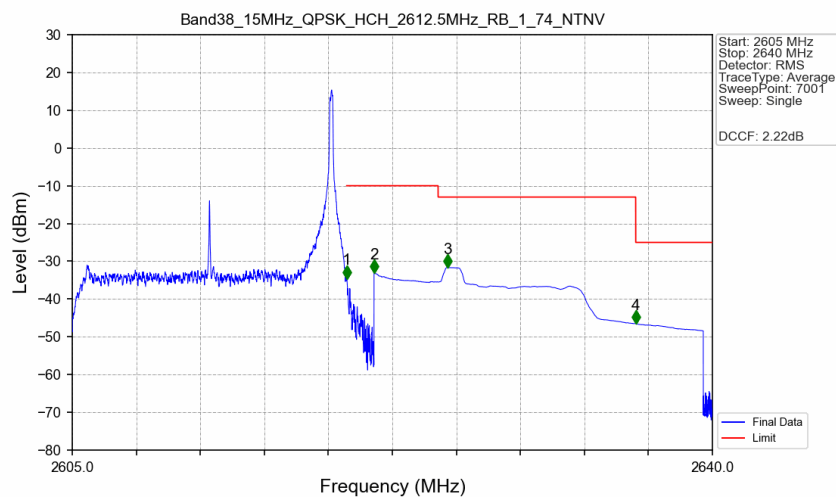
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV

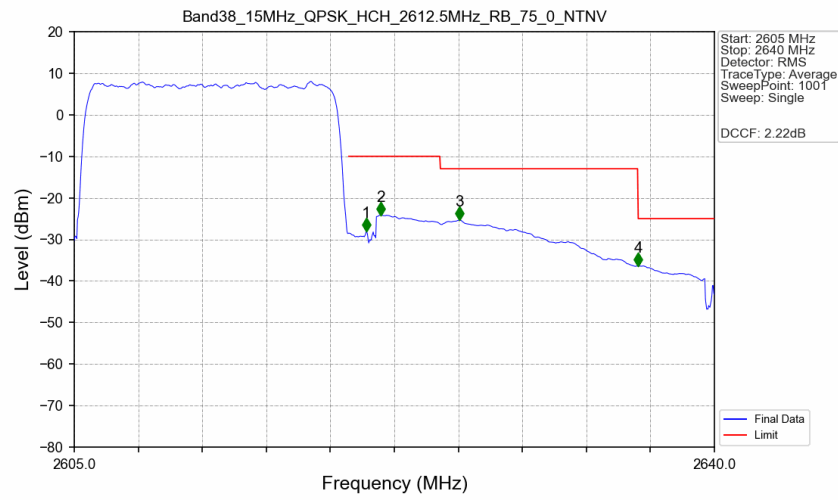


Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_74_NTNV



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	2620.010	-34.56	-10	Pass
2621	2625	1	CHP	2	2621.500	-33.03	-10	Pass
2625	2635.809	1	CHP	3	2625.520	-31.59	-13	Pass
2635.809	2640	1	CHP	4	2635.810	-46.51	-25	Pass

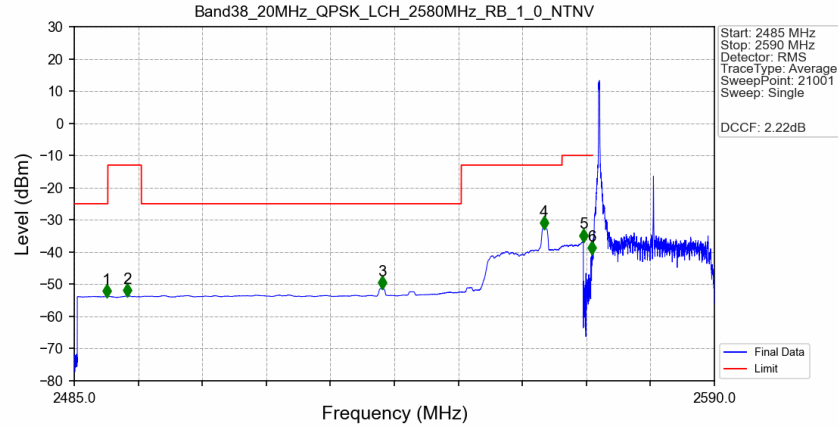
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.316	CHP	/	/	/	/	/
2620	2621	0.316	CHP	1	2620.960	-28.06	-10	Pass
2621	2625	1	CHP	2	2621.765	-24.14	-10	Pass
2625	2635.809	1	CHP	3	2626.070	-25.34	-13	Pass
2635.809	2640	1	CHP	4	2635.835	-36.37	-25	Pass

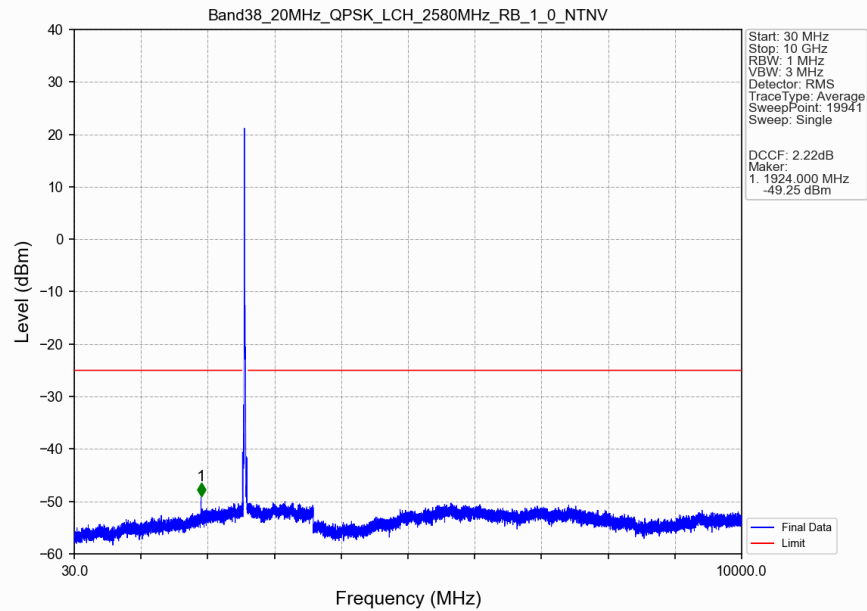
5.2.4 B38_20MHz

Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTNV

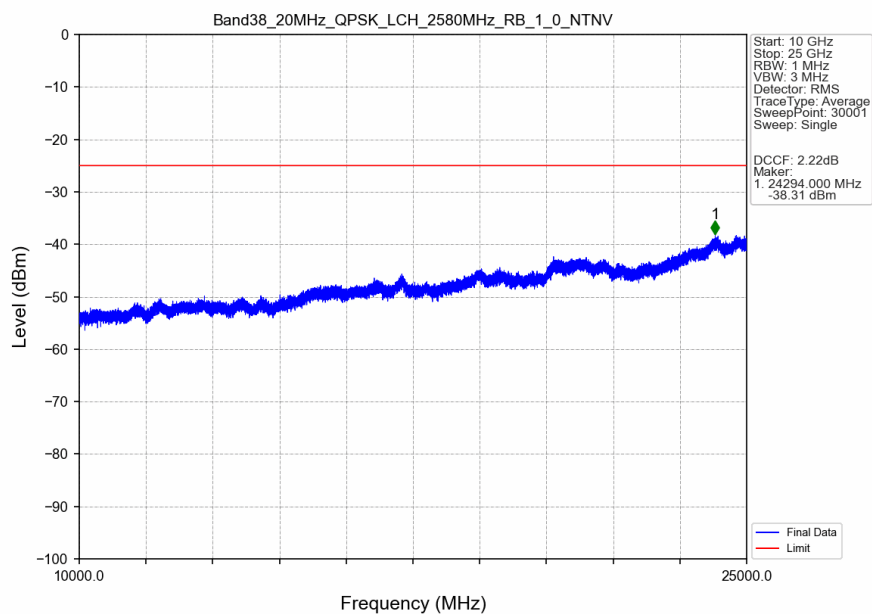


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.310	-53.73	-25	Pass
2490.5	2496	1	CHP	2	2493.720	-53.63	-13	Pass
2496	2548.474	1	CHP	3	2535.530	-51.26	-25	Pass
2548.474	2565	1	CHP	4	2562.050	-32.59	-13	Pass
2565	2569	1	CHP	5	2568.490	-36.56	-10	Pass
2569	2570	0.02	CHP	6	2569.920	-40.35	-10	Pass
2570	2590	0.02	CHP	/	/	/	/	/

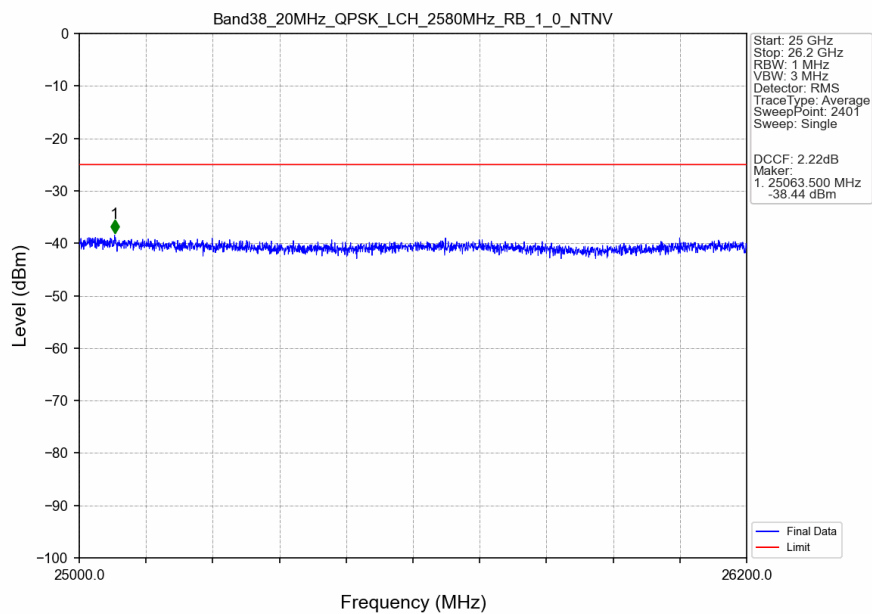
Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTNV



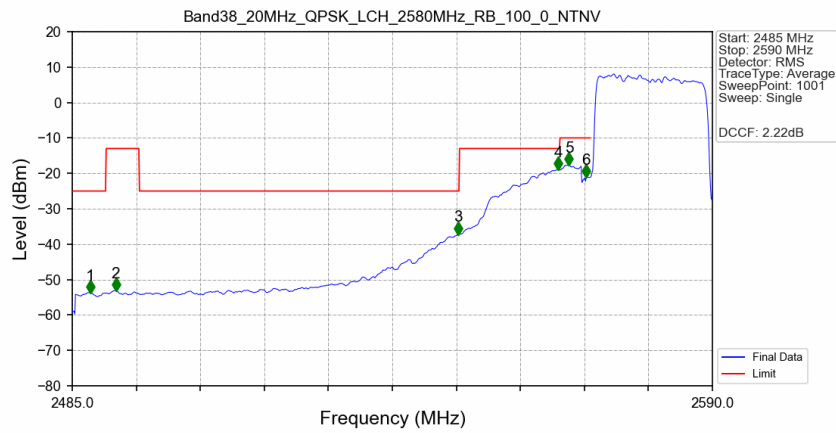
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

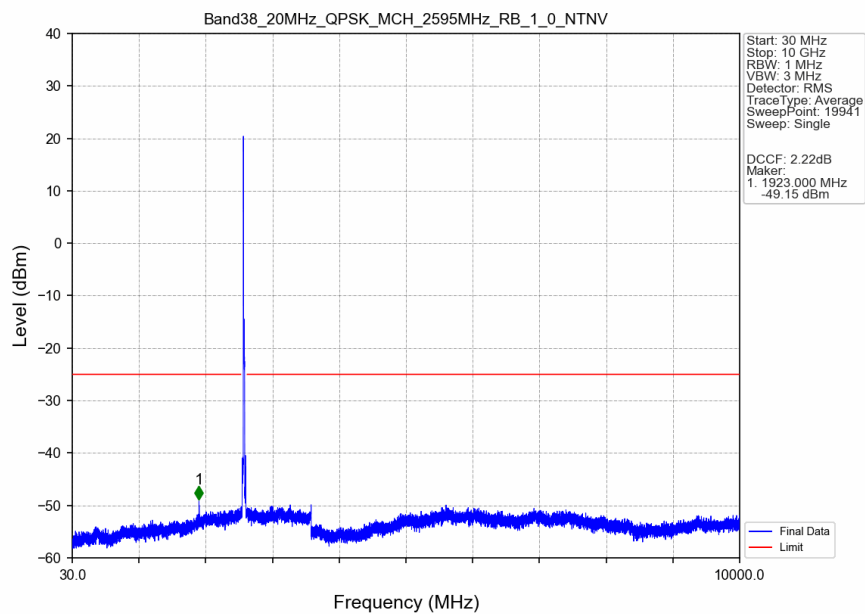


Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV

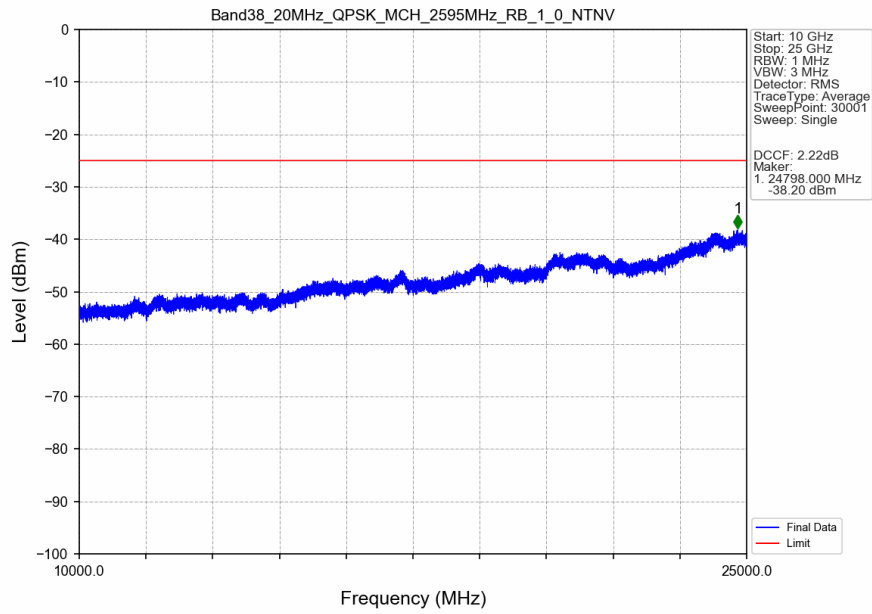


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.940	-53.58	-25	Pass
2490.5	2496	1	CHP	2	2492.140	-52.98	-13	Pass
2496	2548.474	1	CHP	3	2548.315	-37.08	-25	Pass
2548.474	2565	1	CHP	4	2564.695	-18.83	-13	Pass
2565	2569	1	CHP	5	2566.480	-17.52	-10	Pass
2569	2570	0.431	CHP	6	2569.315	-20.91	-10	Pass
2570	2590	0.431	CHP	/	/	/	/	/

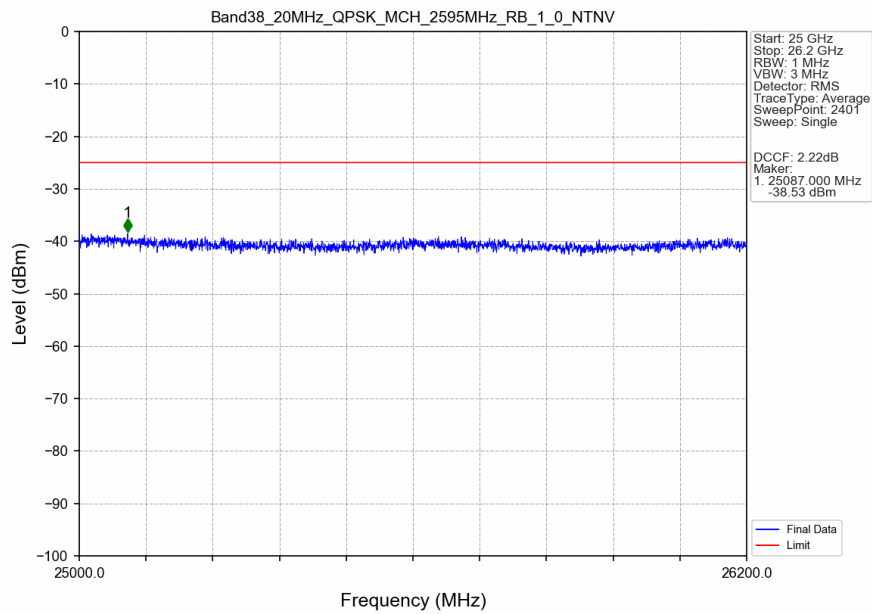
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



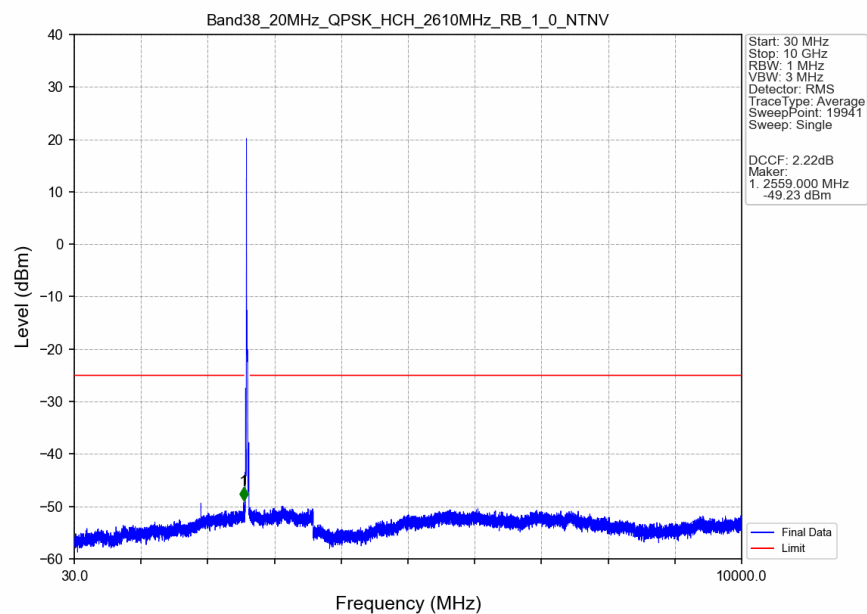
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



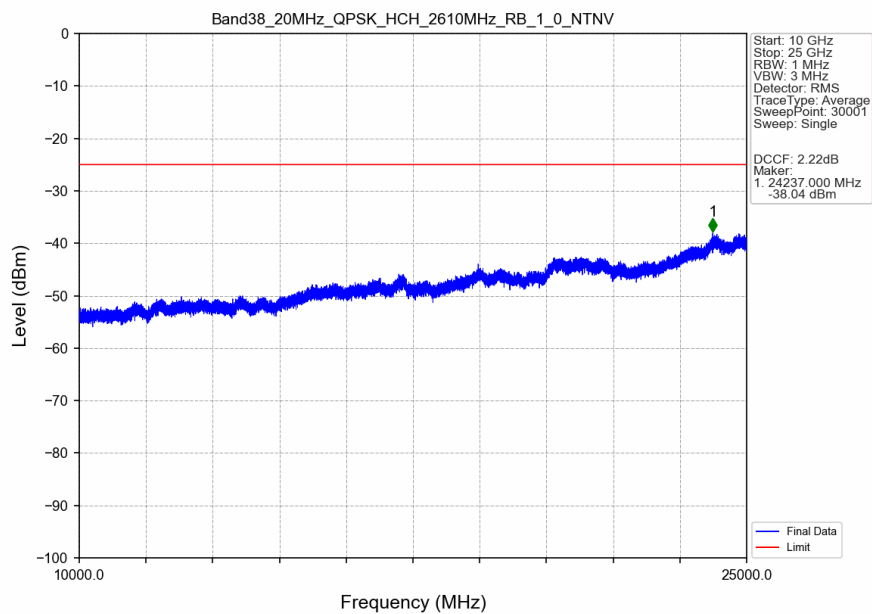
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



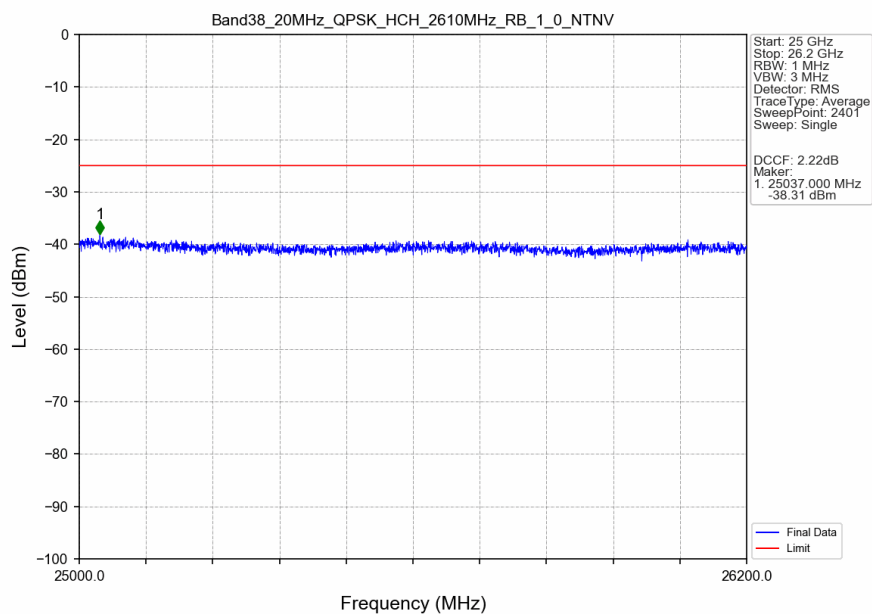
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



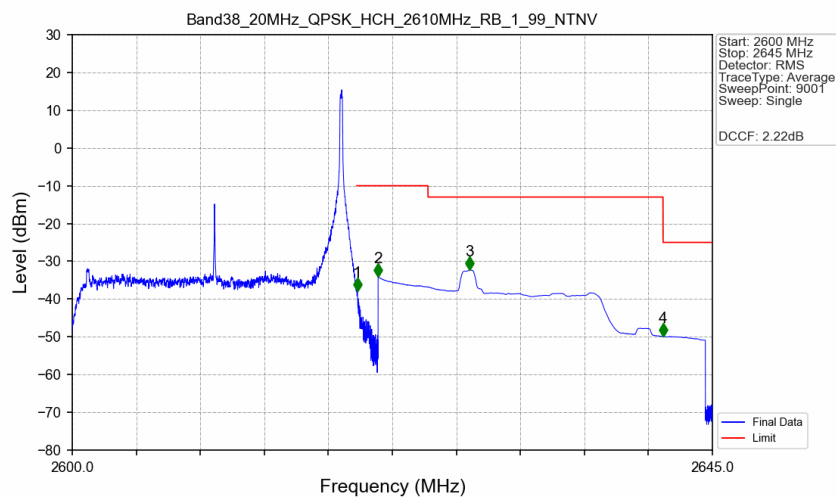
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



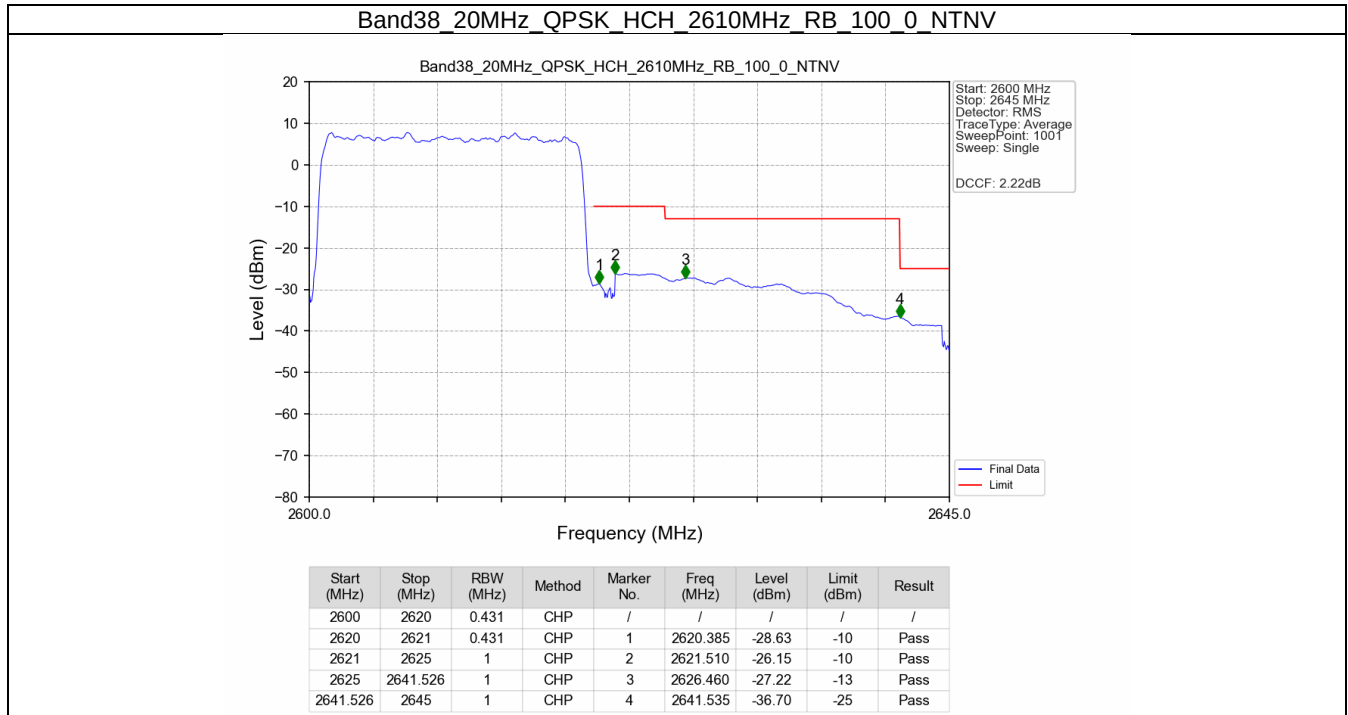
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



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	2620.040	-37.81	-10	Pass
2621	2625	1	CHP	2	2621.500	-34.08	-10	Pass
2625	2641.526	1	CHP	3	2627.935	-32.33	-13	Pass
2641.526	2645	1	CHP	4	2641.530	-49.88	-25	Pass



- End of the Appendix -