

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	23.36	-1.42	21.94	<=33.01	Pass
			13	23.33	-1.42	21.91	<=33.01	Pass
			24	23.54	-1.42	22.12	<=33.01	Pass
		12	0	22.31	-1.42	20.89	<=33.01	Pass
			6	22.31	-1.42	20.89	<=33.01	Pass
			13	22.38	-1.42	20.96	<=33.01	Pass
		25	0	22.41	-1.42	20.99	<=33.01	Pass
	2595	1	0	23.92	-1.42	22.50	<=33.01	Pass
			13	23.88	-1.42	22.46	<=33.01	Pass
			24	23.89	-1.42	22.47	<=33.01	Pass
		12	0	22.82	-1.42	21.40	<=33.01	Pass
			6	22.82	-1.42	21.40	<=33.01	Pass
			13	22.85	-1.42	21.43	<=33.01	Pass
		25	0	22.82	-1.42	21.40	<=33.01	Pass
	2617.5	1	0	23.96	-1.42	22.54	<=33.01	Pass
			13	23.91	-1.42	22.49	<=33.01	Pass
			24	23.91	-1.42	22.49	<=33.01	Pass
		12	0	23.34	-1.42	21.92	<=33.01	Pass
			6	23.33	-1.42	21.91	<=33.01	Pass
			13	23.31	-1.42	21.89	<=33.01	Pass
		25	0	23.39	-1.42	21.97	<=33.01	Pass
16QAM	2572.5	1	0	22.31	-1.42	20.89	<=33.01	Pass
			13	22.37	-1.42	20.95	<=33.01	Pass
			24	22.42	-1.42	21.00	<=33.01	Pass
		12	0	21.33	-1.42	19.91	<=33.01	Pass
			6	21.39	-1.42	19.97	<=33.01	Pass
			13	21.35	-1.42	19.93	<=33.01	Pass
		25	0	21.33	-1.42	19.91	<=33.01	Pass
	2595	1	0	22.77	-1.42	21.35	<=33.01	Pass
			13	22.99	-1.42	21.57	<=33.01	Pass
			24	22.77	-1.42	21.35	<=33.01	Pass
		12	0	21.85	-1.42	20.43	<=33.01	Pass
			6	21.82	-1.42	20.40	<=33.01	Pass
			13	21.77	-1.42	20.35	<=33.01	Pass
		25	0	21.80	-1.42	20.38	<=33.01	Pass
	2617.5	1	0	23.31	-1.42	21.89	<=33.01	Pass
			13	23.28	-1.42	21.86	<=33.01	Pass
			24	23.02	-1.42	21.60	<=33.01	Pass
		12	0	22.31	-1.42	20.89	<=33.01	Pass
			6	22.42	-1.42	21.00	<=33.01	Pass
			13	22.41	-1.42	20.99	<=33.01	Pass
		25	0	22.42	-1.42	21.00	<=33.01	Pass
64QAM	2572.5	1	0	20.94	-1.42	19.52	<=33.01	Pass
			13	21.44	-1.42	20.02	<=33.01	Pass
			24	21.07	-1.42	19.65	<=33.01	Pass
		12	0	20.26	-1.42	18.84	<=33.01	Pass
			6	20.32	-1.42	18.90	<=33.01	Pass
			13	20.34	-1.42	18.92	<=33.01	Pass
		25	0	20.32	-1.42	18.90	<=33.01	Pass

	2595	1	0	22.20	-1.42	20.78	<=33.01	Pass
			13	22.06	-1.42	20.64	<=33.01	Pass
			24	22.17	-1.42	20.75	<=33.01	Pass
		12	0	20.73	-1.42	19.31	<=33.01	Pass
			6	20.72	-1.42	19.30	<=33.01	Pass
			13	20.74	-1.42	19.32	<=33.01	Pass
		25	0	20.77	-1.42	19.35	<=33.01	Pass
		13	22.39	-1.42	20.97	<=33.01	Pass	
		24	22.03	-1.42	20.61	<=33.01	Pass	
	12	0	21.24	-1.42	19.82	<=33.01	Pass	
		6	21.27	-1.42	19.85	<=33.01	Pass	
		13	21.34	-1.42	19.92	<=33.01	Pass	
	25	0	21.38	-1.42	19.96	<=33.01	Pass	

256QAM	2572.5	1	0	18.15	-1.42	16.73	<=33.01	Pass
			13	18.36	-1.42	16.94	<=33.01	Pass
			24	18.45	-1.42	17.03	<=33.01	Pass
		12	0	18.22	-1.42	16.80	<=33.01	Pass
			6	18.31	-1.42	16.89	<=33.01	Pass
			13	18.35	-1.42	16.93	<=33.01	Pass
		25	0	18.29	-1.42	16.87	<=33.01	Pass
	13	18.80	-1.42	17.38	<=33.01	Pass		
	24	18.86	-1.42	17.44	<=33.01	Pass		
	12	0	18.80	-1.42	17.38	<=33.01	Pass	
		6	18.72	-1.42	17.30	<=33.01	Pass	
		13	18.83	-1.42	17.41	<=33.01	Pass	
	25	0	18.79	-1.42	17.37	<=33.01	Pass	
	13	19.23	-1.42	17.81	<=33.01	Pass		
	24	19.29	-1.42	17.87	<=33.01	Pass		
	12	0	19.32	-1.42	17.90	<=33.01	Pass	
		6	19.32	-1.42	17.90	<=33.01	Pass	
		13	19.19	-1.42	17.77	<=33.01	Pass	
	25	0	19.31	-1.42	17.89	<=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	23.41	-1.42	21.99	<=33.01	Pass
			25	23.46	-1.42	22.04	<=33.01	Pass
			49	23.64	-1.42	22.22	<=33.01	Pass
		25	0	22.37	-1.42	20.95	<=33.01	Pass
			13	22.41	-1.42	20.99	<=33.01	Pass
			25	22.48	-1.42	21.06	<=33.01	Pass
		50	0	22.40	-1.42	20.98	<=33.01	Pass
	2595	1	0	23.84	-1.42	22.42	<=33.01	Pass
			25	23.68	-1.42	22.26	<=33.01	Pass
			49	23.95	-1.42	22.53	<=33.01	Pass
		25	0	22.82	-1.42	21.40	<=33.01	Pass
			13	22.78	-1.42	21.36	<=33.01	Pass
			25	22.83	-1.42	21.41	<=33.01	Pass
		50	0	22.81	-1.42	21.39	<=33.01	Pass
	2615	1	0	23.83	-1.42	22.41	<=33.01	Pass

		25	25	23.83	-1.42	22.41	<=33.01	Pass
			49	23.93	-1.42	22.51	<=33.01	Pass
			0	23.29	-1.42	21.87	<=33.01	Pass
			13	23.27	-1.42	21.85	<=33.01	Pass
			25	23.30	-1.42	21.88	<=33.01	Pass
		50	0	23.31	-1.42	21.89	<=33.01	Pass
16QAM	2575	1	0	22.36	-1.42	20.94	<=33.01	Pass
			25	22.22	-1.42	20.80	<=33.01	Pass
			49	22.63	-1.42	21.21	<=33.01	Pass
		25	0	21.36	-1.42	19.94	<=33.01	Pass
			13	21.42	-1.42	20.00	<=33.01	Pass
			25	21.44	-1.42	20.02	<=33.01	Pass
		50	0	21.40	-1.42	19.98	<=33.01	Pass
	2595	1	0	22.73	-1.42	21.31	<=33.01	Pass
			25	22.67	-1.42	21.25	<=33.01	Pass
			49	22.84	-1.42	21.42	<=33.01	Pass
		25	0	21.84	-1.42	20.42	<=33.01	Pass
			13	21.80	-1.42	20.38	<=33.01	Pass
			25	21.87	-1.42	20.45	<=33.01	Pass
		50	0	21.82	-1.42	20.40	<=33.01	Pass
	2615	1	0	23.52	-1.42	22.10	<=33.01	Pass
			25	23.22	-1.42	21.80	<=33.01	Pass
			49	23.16	-1.42	21.74	<=33.01	Pass
		25	0	22.34	-1.42	20.92	<=33.01	Pass
			13	22.32	-1.42	20.90	<=33.01	Pass
			25	22.35	-1.42	20.93	<=33.01	Pass
		50	0	22.24	-1.42	20.82	<=33.01	Pass
64QAM	2575	1	0	20.94	-1.42	19.52	<=33.01	Pass
			25	20.96	-1.42	19.54	<=33.01	Pass
			49	21.19	-1.42	19.77	<=33.01	Pass
		25	0	20.27	-1.42	18.85	<=33.01	Pass
			13	20.30	-1.42	18.88	<=33.01	Pass
			25	20.39	-1.42	18.97	<=33.01	Pass
		50	0	20.34	-1.42	18.92	<=33.01	Pass
	2595	1	0	21.96	-1.42	20.54	<=33.01	Pass
			25	21.52	-1.42	20.10	<=33.01	Pass
			49	22.05	-1.42	20.63	<=33.01	Pass
		25	0	20.87	-1.42	19.45	<=33.01	Pass
			13	20.83	-1.42	19.41	<=33.01	Pass
			25	20.75	-1.42	19.33	<=33.01	Pass
		50	0	20.77	-1.42	19.35	<=33.01	Pass
	2615	1	0	22.14	-1.42	20.72	<=33.01	Pass
			25	21.90	-1.42	20.48	<=33.01	Pass
			49	21.92	-1.42	20.50	<=33.01	Pass
		25	0	21.21	-1.42	19.79	<=33.01	Pass
			13	21.29	-1.42	19.87	<=33.01	Pass
			25	21.25	-1.42	19.83	<=33.01	Pass
		50	0	21.26	-1.42	19.84	<=33.01	Pass
256QAM	2575	1	0	18.26	-1.42	16.84	<=33.01	Pass
			25	18.25	-1.42	16.83	<=33.01	Pass
			49	18.51	-1.42	17.09	<=33.01	Pass
		25	0	18.28	-1.42	16.86	<=33.01	Pass
			13	18.35	-1.42	16.93	<=33.01	Pass
			25	18.44	-1.42	17.02	<=33.01	Pass
		50	0	18.33	-1.42	16.91	<=33.01	Pass
	2595	1	0	18.96	-1.42	17.54	<=33.01	Pass
			25	18.87	-1.42	17.45	<=33.01	Pass
			49	18.72	-1.42	17.30	<=33.01	Pass
		25	0	18.78	-1.42	17.36	<=33.01	Pass

			13	18.75	-1.42	17.33	<=33.01	Pass
			25	18.81	-1.42	17.39	<=33.01	Pass
		50	0	18.78	-1.42	17.36	<=33.01	Pass
	2615	1	0	19.31	-1.42	17.89	<=33.01	Pass
			25	19.24	-1.42	17.82	<=33.01	Pass
			49	18.93	-1.42	17.51	<=33.01	Pass
		25	0	19.27	-1.42	17.85	<=33.01	Pass
			13	19.22	-1.42	17.80	<=33.01	Pass
			25	19.25	-1.42	17.83	<=33.01	Pass
		50	0	19.24	-1.42	17.82	<=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	23.43	-1.42	22.01	<=33.01	Pass
			38	23.55	-1.42	22.13	<=33.01	Pass
			74	23.75	-1.42	22.33	<=33.01	Pass
		36	0	22.35	-1.42	20.93	<=33.01	Pass
			18	22.45	-1.42	21.03	<=33.01	Pass
			39	22.56	-1.42	21.14	<=33.01	Pass
		75	0	22.45	-1.42	21.03	<=33.01	Pass
	2595	1	0	23.65	-1.42	22.23	<=33.01	Pass
			38	23.74	-1.42	22.32	<=33.01	Pass
			74	23.94	-1.42	22.52	<=33.01	Pass
		36	0	22.72	-1.42	21.30	<=33.01	Pass
			18	22.76	-1.42	21.34	<=33.01	Pass
			39	22.77	-1.42	21.35	<=33.01	Pass
		75	0	22.76	-1.42	21.34	<=33.01	Pass
	2612.5	1	0	23.79	-1.42	22.37	<=33.01	Pass
			38	23.99	-1.42	22.57	<=33.01	Pass
			74	23.93	-1.42	22.51	<=33.01	Pass
		36	0	23.18	-1.42	21.76	<=33.01	Pass
			18	23.25	-1.42	21.83	<=33.01	Pass
			39	23.25	-1.42	21.83	<=33.01	Pass
		75	0	23.26	-1.42	21.84	<=33.01	Pass
16QAM	2577.5	1	0	22.31	-1.42	20.89	<=33.01	Pass
			38	22.33	-1.42	20.91	<=33.01	Pass
			74	22.69	-1.42	21.27	<=33.01	Pass
		36	0	21.35	-1.42	19.93	<=33.01	Pass
			18	21.46	-1.42	20.04	<=33.01	Pass
			39	21.59	-1.42	20.17	<=33.01	Pass
		75	0	21.48	-1.42	20.06	<=33.01	Pass
	2595	1	0	22.59	-1.42	21.17	<=33.01	Pass
			38	22.66	-1.42	21.24	<=33.01	Pass
			74	22.78	-1.42	21.36	<=33.01	Pass
		36	0	21.74	-1.42	20.32	<=33.01	Pass
			18	21.74	-1.42	20.32	<=33.01	Pass
			39	21.85	-1.42	20.43	<=33.01	Pass
		75	0	21.79	-1.42	20.37	<=33.01	Pass
	2612.5	1	0	23.03	-1.42	21.61	<=33.01	Pass
			38	22.98	-1.42	21.56	<=33.01	Pass
			74	23.26	-1.42	21.84	<=33.01	Pass
		36	0	22.18	-1.42	20.76	<=33.01	Pass
			18	22.28	-1.42	20.86	<=33.01	Pass

			39	22.32	-1.42	20.90	<=33.01	Pass		
		75	0	22.26	-1.42	20.84	<=33.01	Pass		
64QAM	2577.5	1	0	20.88	-1.42	19.46	<=33.01	Pass		
			38	21.13	-1.42	19.71	<=33.01	Pass		
			74	21.29	-1.42	19.87	<=33.01	Pass		
			0	20.32	-1.42	18.90	<=33.01	Pass		
		36	18	20.42	-1.42	19.00	<=33.01	Pass		
			39	20.55	-1.42	19.13	<=33.01	Pass		
			75	0	20.48	-1.42	19.06	<=33.01	Pass	
		2595	1	0	21.88	-1.42	20.46	<=33.01	Pass	
				38	21.52	-1.42	20.10	<=33.01	Pass	
	74			21.62	-1.42	20.20	<=33.01	Pass		
	0			20.76	-1.42	19.34	<=33.01	Pass		
	36		18	20.73	-1.42	19.31	<=33.01	Pass		
			39	20.78	-1.42	19.36	<=33.01	Pass		
			75	0	20.75	-1.42	19.33	<=33.01	Pass	
	2612.5		1	0	22.17	-1.42	20.75	<=33.01	Pass	
				38	21.86	-1.42	20.44	<=33.01	Pass	
		74		22.31	-1.42	20.89	<=33.01	Pass		
		0		21.24	-1.42	19.82	<=33.01	Pass		
		36	18	21.23	-1.42	19.81	<=33.01	Pass		
			39	21.23	-1.42	19.81	<=33.01	Pass		
			75	0	21.24	-1.42	19.82	<=33.01	Pass	
		256QAM	2577.5	1	0	18.24	-1.42	16.82	<=33.01	Pass
					38	18.43	-1.42	17.01	<=33.01	Pass
74	18.64				-1.42	17.22	<=33.01	Pass		
36	0			18.32	-1.42	16.90	<=33.01	Pass		
	18			18.43	-1.42	17.01	<=33.01	Pass		
	39			18.54	-1.42	17.12	<=33.01	Pass		
75	0			18.46	-1.42	17.04	<=33.01	Pass		
2595	1		0	18.71	-1.42	17.29	<=33.01	Pass		
			38	18.88	-1.42	17.46	<=33.01	Pass		
			74	19.01	-1.42	17.59	<=33.01	Pass		
	36		0	18.74	-1.42	17.32	<=33.01	Pass		
			18	18.67	-1.42	17.25	<=33.01	Pass		
			39	18.74	-1.42	17.32	<=33.01	Pass		
	75		0	18.74	-1.42	17.32	<=33.01	Pass		
2612.5	1		0	19.18	-1.42	17.76	<=33.01	Pass		
			38	19.13	-1.42	17.71	<=33.01	Pass		
			74	19.24	-1.42	17.82	<=33.01	Pass		
	36		0	19.15	-1.42	17.73	<=33.01	Pass		
			18	19.22	-1.42	17.80	<=33.01	Pass		
			39	19.20	-1.42	17.78	<=33.01	Pass		
	75		0	19.23	-1.42	17.81	<=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	-1.42	21.91	<=33.01	Pass
			50	23.64	-1.42	22.22	<=33.01	Pass
			99	23.76	-1.42	22.34	<=33.01	Pass
		50	0	22.43	-1.42	21.01	<=33.01	Pass
			25	22.60	-1.42	21.18	<=33.01	Pass
			50	22.67	-1.42	21.25	<=33.01	Pass

		100	0	22.55	-1.42	21.13	<=33.01	Pass	
	2595	1	0	23.77	-1.42	22.35	<=33.01	Pass	
			50	23.66	-1.42	22.24	<=33.01	Pass	
			99	24.00	-1.42	22.58	<=33.01	Pass	
			0	22.80	-1.42	21.38	<=33.01	Pass	
		50	25	22.83	-1.42	21.41	<=33.01	Pass	
			50	22.89	-1.42	21.47	<=33.01	Pass	
	100	0	22.83	-1.42	21.41	<=33.01	Pass		
	2610	1	0	23.87	-1.42	22.45	<=33.01	Pass	
			50	23.86	-1.42	22.44	<=33.01	Pass	
			99	23.77	-1.42	22.35	<=33.01	Pass	
		50	0	23.12	-1.42	21.70	<=33.01	Pass	
			25	23.20	-1.42	21.78	<=33.01	Pass	
			50	23.26	-1.42	21.84	<=33.01	Pass	
		100	0	23.16	-1.42	21.74	<=33.01	Pass	
		16QAM	2580	1	0	22.30	-1.42	20.88	<=33.01
50	22.81				-1.42	21.39	<=33.01	Pass	
99	22.67				-1.42	21.25	<=33.01	Pass	
50	0			21.42	-1.42	20.00	<=33.01	Pass	
	25			21.58	-1.42	20.16	<=33.01	Pass	
	50			21.64	-1.42	20.22	<=33.01	Pass	
100	0			21.53	-1.42	20.11	<=33.01	Pass	
2595	1		0	22.47	-1.42	21.05	<=33.01	Pass	
			50	22.92	-1.42	21.50	<=33.01	Pass	
			99	22.82	-1.42	21.40	<=33.01	Pass	
	50		0	21.76	-1.42	20.34	<=33.01	Pass	
			25	21.81	-1.42	20.39	<=33.01	Pass	
			50	21.85	-1.42	20.43	<=33.01	Pass	
	100		0	21.80	-1.42	20.38	<=33.01	Pass	
2610	1		0	22.65	-1.42	21.23	<=33.01	Pass	
			50	23.25	-1.42	21.83	<=33.01	Pass	
			99	23.36	-1.42	21.94	<=33.01	Pass	
	50		0	22.10	-1.42	20.68	<=33.01	Pass	
			25	22.21	-1.42	20.79	<=33.01	Pass	
			50	22.24	-1.42	20.82	<=33.01	Pass	
	100		0	22.17	-1.42	20.75	<=33.01	Pass	
64QAM	2580		1	0	21.61	-1.42	20.19	<=33.01	Pass
				50	21.89	-1.42	20.47	<=33.01	Pass
				99	22.04	-1.42	20.62	<=33.01	Pass
		50	0	20.43	-1.42	19.01	<=33.01	Pass	
			25	20.59	-1.42	19.17	<=33.01	Pass	
			50	20.57	-1.42	19.15	<=33.01	Pass	
		100	0	20.50	-1.42	19.08	<=33.01	Pass	
	2595	1	0	21.63	-1.42	20.21	<=33.01	Pass	
			50	21.68	-1.42	20.26	<=33.01	Pass	
			99	21.69	-1.42	20.27	<=33.01	Pass	
		50	0	20.73	-1.42	19.31	<=33.01	Pass	
			25	20.80	-1.42	19.38	<=33.01	Pass	
			50	20.84	-1.42	19.42	<=33.01	Pass	
		100	0	20.82	-1.42	19.40	<=33.01	Pass	
	2610	1	0	21.98	-1.42	20.56	<=33.01	Pass	
			50	22.31	-1.42	20.89	<=33.01	Pass	
			99	22.37	-1.42	20.95	<=33.01	Pass	
		50	0	21.06	-1.42	19.64	<=33.01	Pass	
			25	21.16	-1.42	19.74	<=33.01	Pass	
			50	21.26	-1.42	19.84	<=33.01	Pass	
		100	0	21.17	-1.42	19.75	<=33.01	Pass	
	256QAM	2580	1	0	18.55	-1.42	17.13	<=33.01	Pass
				50	18.62	-1.42	17.20	<=33.01	Pass

			99	18.79	-1.42	17.37	<=33.01	Pass
		50	0	18.35	-1.42	16.93	<=33.01	Pass
			25	18.50	-1.42	17.08	<=33.01	Pass
			50	18.58	-1.42	17.16	<=33.01	Pass
		100	0	18.50	-1.42	17.08	<=33.01	Pass
	2595	1	0	18.46	-1.42	17.04	<=33.01	Pass
			50	19.13	-1.42	17.71	<=33.01	Pass
			99	18.73	-1.42	17.31	<=33.01	Pass
		50	0	18.72	-1.42	17.30	<=33.01	Pass
			25	18.75	-1.42	17.33	<=33.01	Pass
			50	18.80	-1.42	17.38	<=33.01	Pass
		100	0	18.80	-1.42	17.38	<=33.01	Pass
		2610	1	0	18.55	-1.42	17.13	<=33.01
	50			19.19	-1.42	17.77	<=33.01	Pass
	99			19.50	-1.42	18.08	<=33.01	Pass
	50		0	19.08	-1.42	17.66	<=33.01	Pass
			25	19.18	-1.42	17.76	<=33.01	Pass
			50	19.19	-1.42	17.77	<=33.01	Pass
	100		0	19.11	-1.42	17.69	<=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	-10.909	-0.0042	-2.5 to 2.5	Pass
					NV	-0.873	-0.0003	-2.5 to 2.5	Pass
					HV	-0.941	-0.0004	-2.5 to 2.5	Pass
				-30	NV	-1.152	-0.0004	-2.5 to 2.5	Pass
				-20	NV	3.349	0.0013	-2.5 to 2.5	Pass
				-10	NV	-2.514	-0.0010	-2.5 to 2.5	Pass
				0	NV	-0.724	-0.0003	-2.5 to 2.5	Pass
				10	NV	-0.535	-0.0002	-2.5 to 2.5	Pass
				30	NV	-0.006	0.0000	-2.5 to 2.5	Pass
				40	NV	0.781	0.0003	-2.5 to 2.5	Pass
				50	NV	2.267	0.0009	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band38_OBW

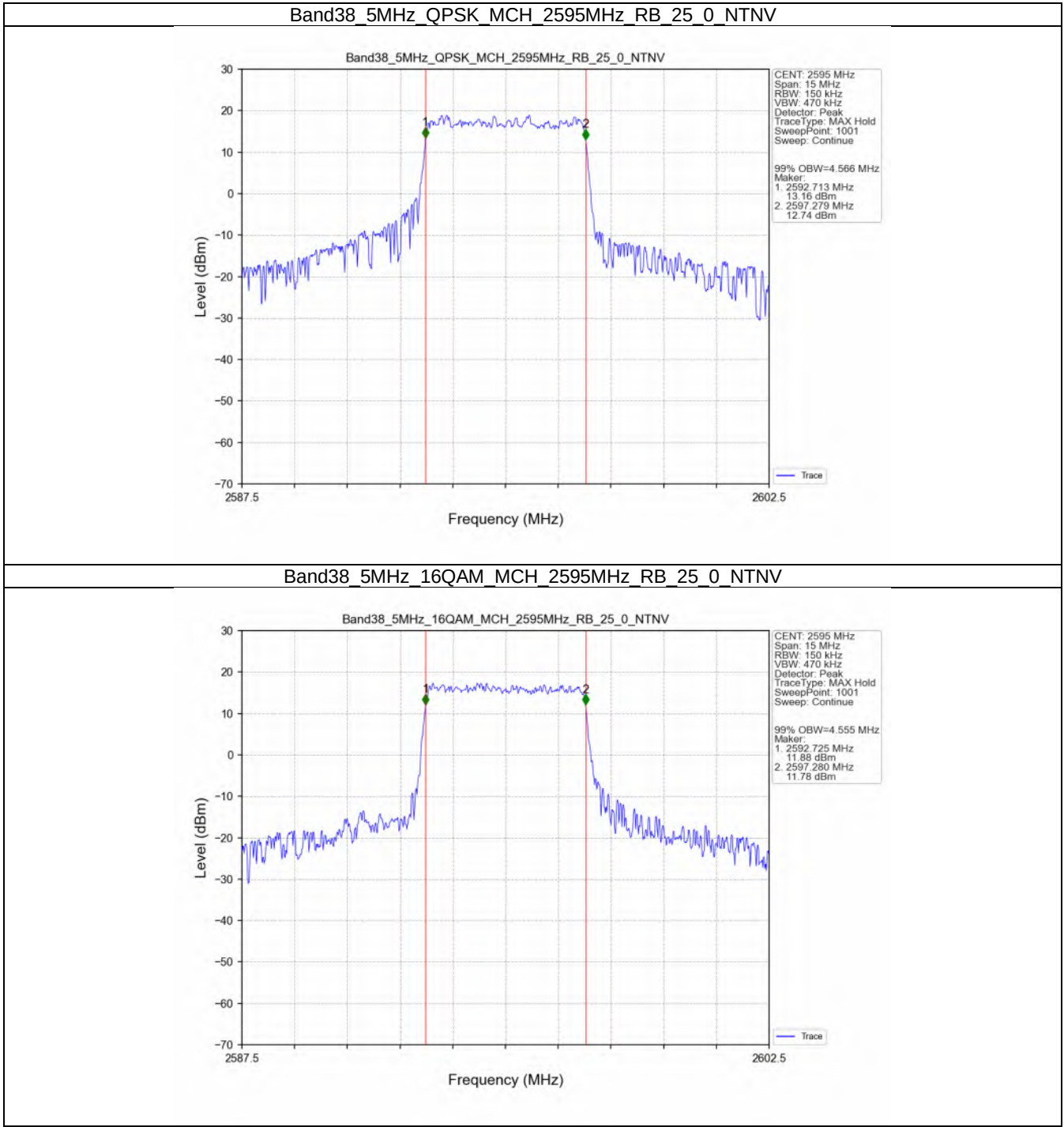
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	4.566	/	Pass
	16QAM	2595	25	0	4.555	/	Pass
	64QAM	2595	25	0	4.583	/	Pass
	256QAM	2595	25	0	4.566	/	Pass
10	QPSK	2595	50	0	9.061	/	Pass
	16QAM	2595	50	0	9.073	/	Pass
	64QAM	2595	50	0	9.088	/	Pass
	256QAM	2595	50	0	9.068	/	Pass
15	QPSK	2595	75	0	13.644	/	Pass
	16QAM	2595	75	0	13.622	/	Pass
	64QAM	2595	75	0	13.656	/	Pass
	256QAM	2595	75	0	13.601	/	Pass
20	QPSK	2595	100	0	18.220	/	Pass
	16QAM	2595	100	0	18.138	/	Pass
	64QAM	2595	100	0	18.124	/	Pass
	256QAM	2595	100	0	18.191	/	Pass

3.1.2 Band38_XDB

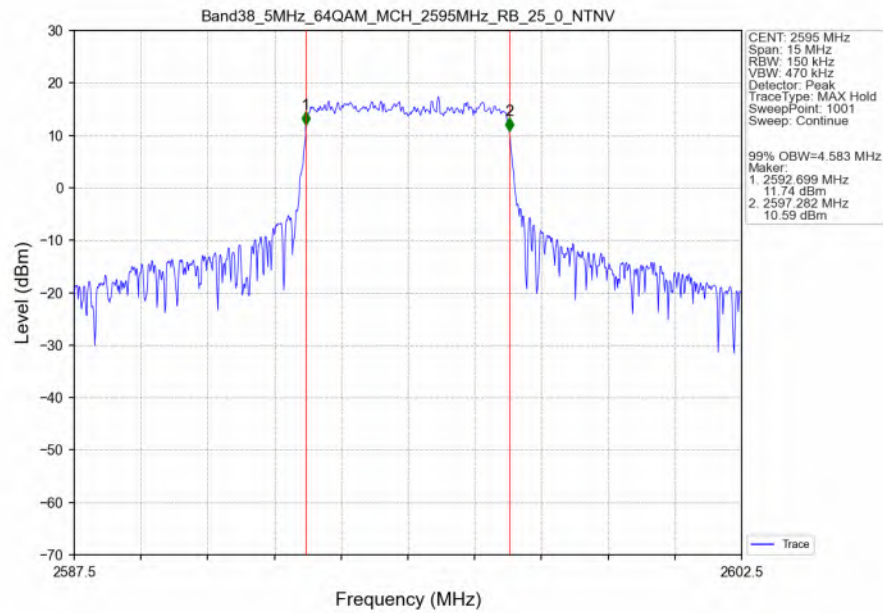
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	5.657	/	Pass
	16QAM	2595	25	0	5.344	/	Pass
	64QAM	2595	25	0	6.075	/	Pass
	256QAM	2595	25	0	5.233	/	Pass
10	QPSK	2595	50	0	10.225	/	Pass
	16QAM	2595	50	0	9.974	/	Pass
	64QAM	2595	50	0	11.919	/	Pass
	256QAM	2595	50	0	10.610	/	Pass
15	QPSK	2595	75	0	16.762	/	Pass
	16QAM	2595	75	0	16.147	/	Pass
	64QAM	2595	75	0	19.741	/	Pass
	256QAM	2595	75	0	15.891	/	Pass
20	QPSK	2595	100	0	23.096	/	Pass
	16QAM	2595	100	0	24.130	/	Pass
	64QAM	2595	100	0	23.219	/	Pass
	256QAM	2595	100	0	26.294	/	Pass

3.2 Test Graph

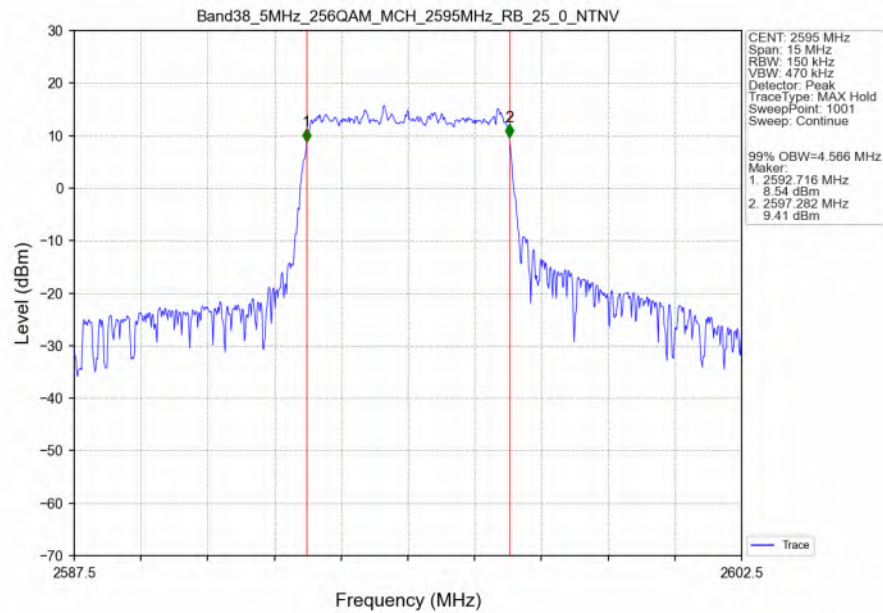
3.2.1 Band38_OBW



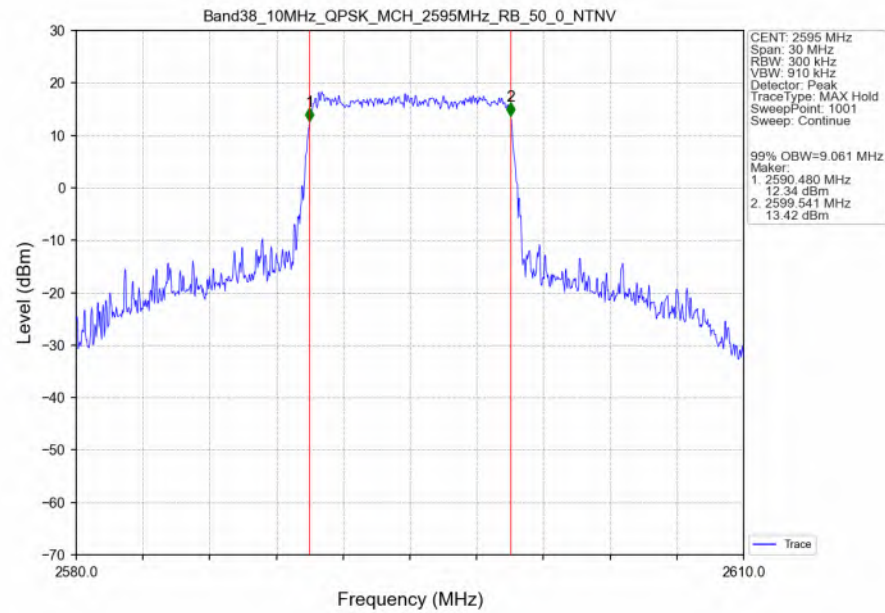
Band38 5MHz 64QAM MCH 2595MHz RB 25 0 NTN



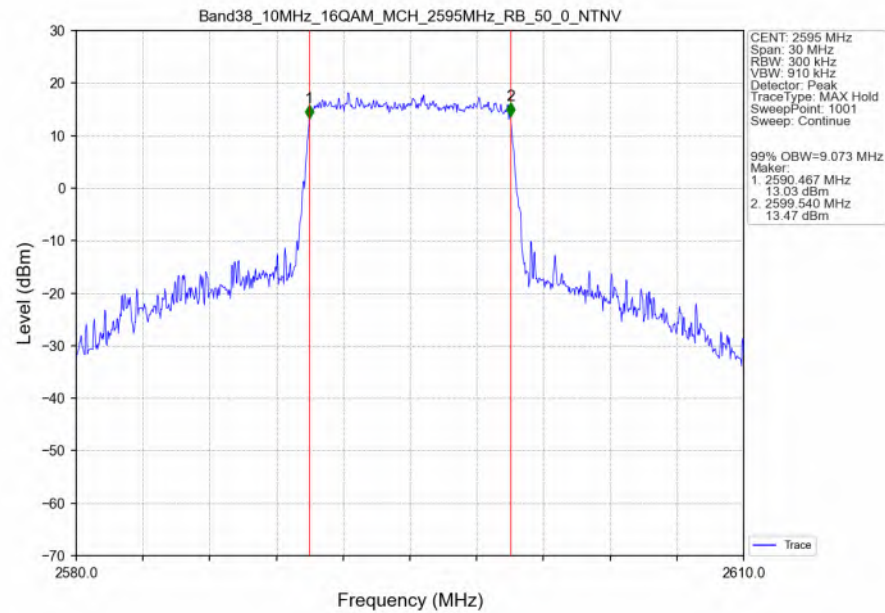
Band38 5MHz 256QAM MCH 2595MHz RB 25 0 NTN



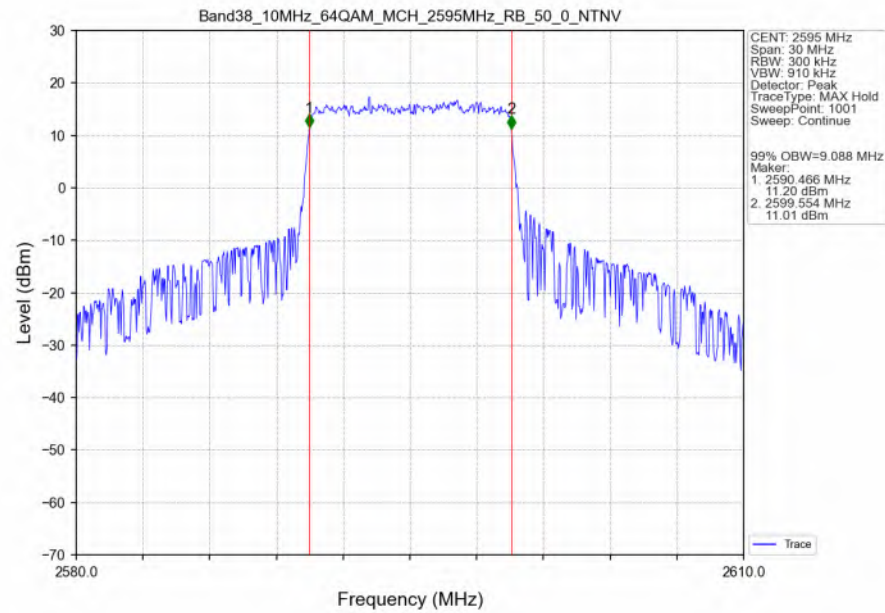
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



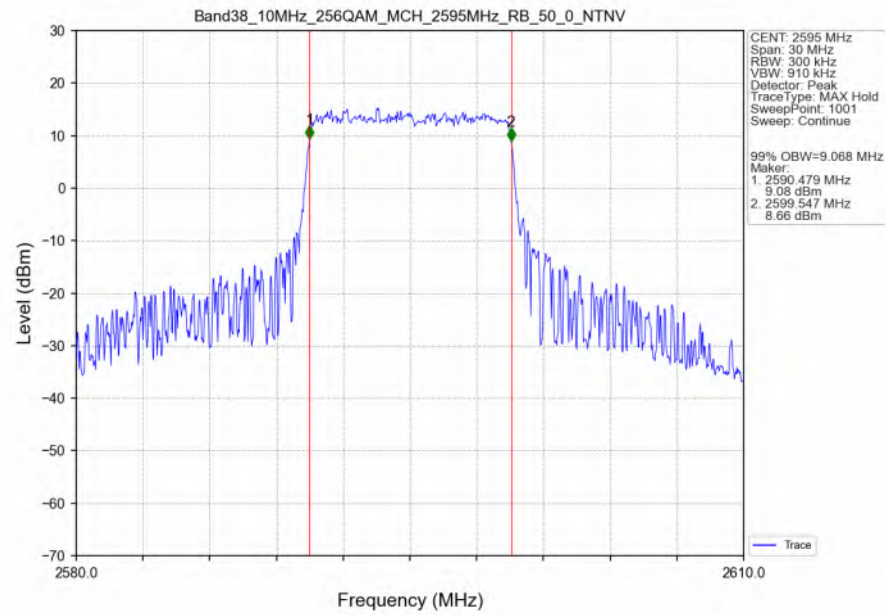
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



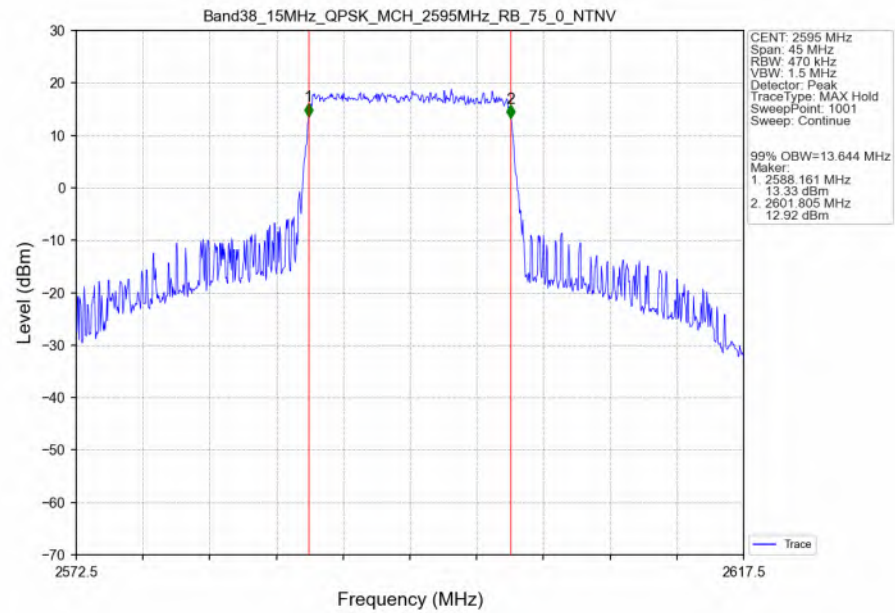
Band38 10MHz 64QAM MCH 2595MHz RB 50 0 NTV



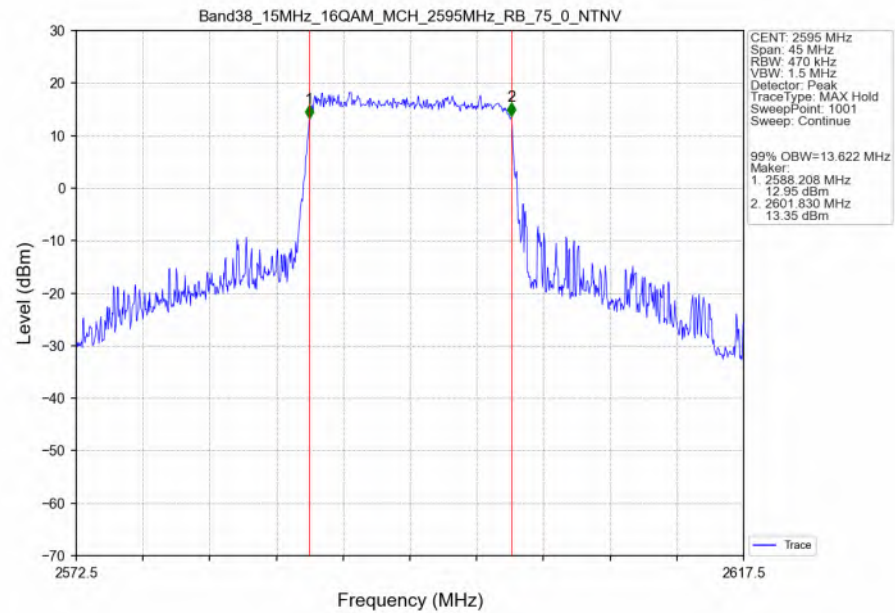
Band38 10MHz 256QAM MCH 2595MHz RB 50 0 NTV



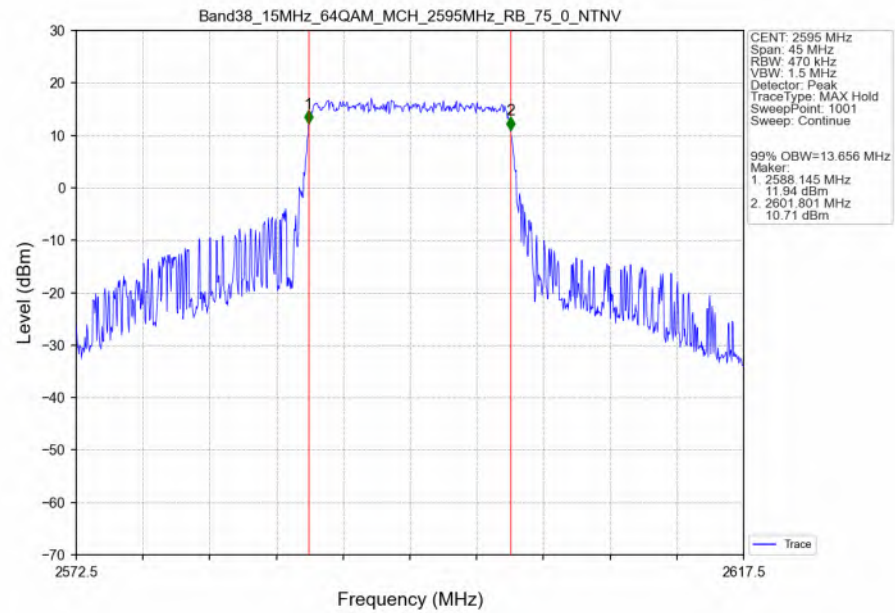
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



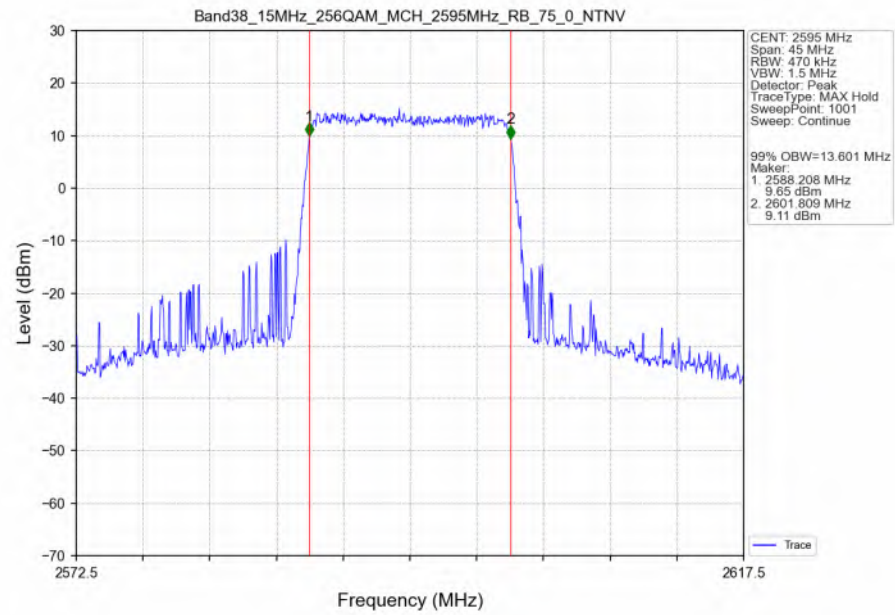
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



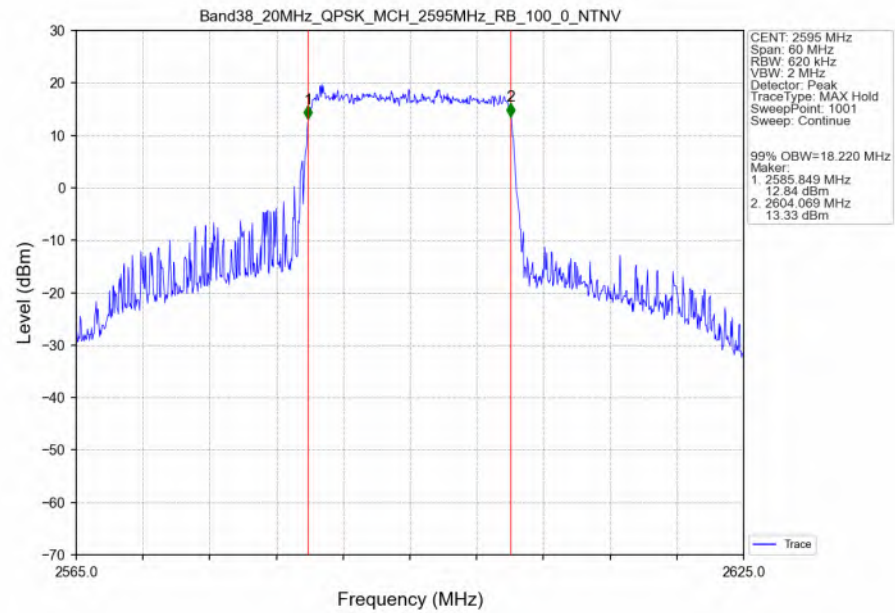
Band38 15MHz 64QAM MCH 2595MHz RB 75 0 NTNV



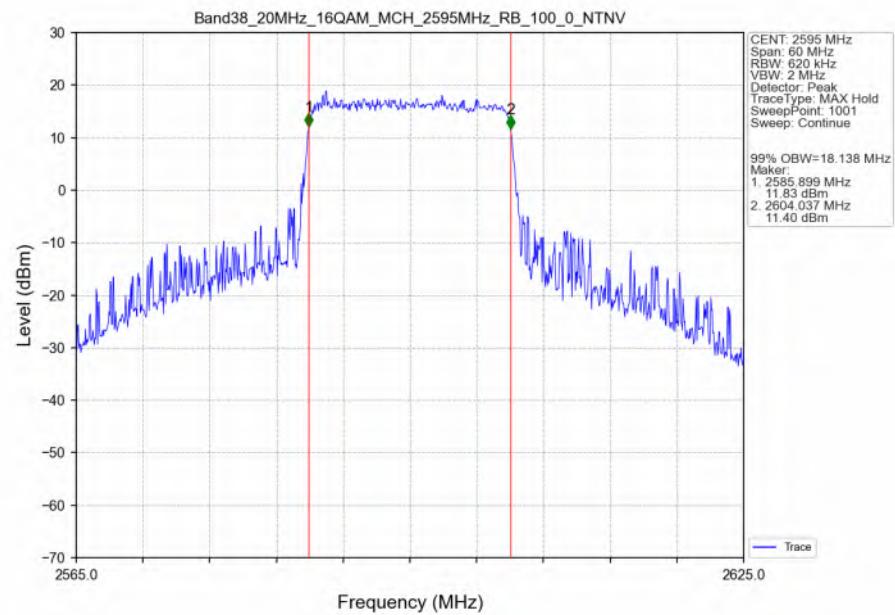
Band38 15MHz 256QAM MCH 2595MHz RB 75 0 NTNV



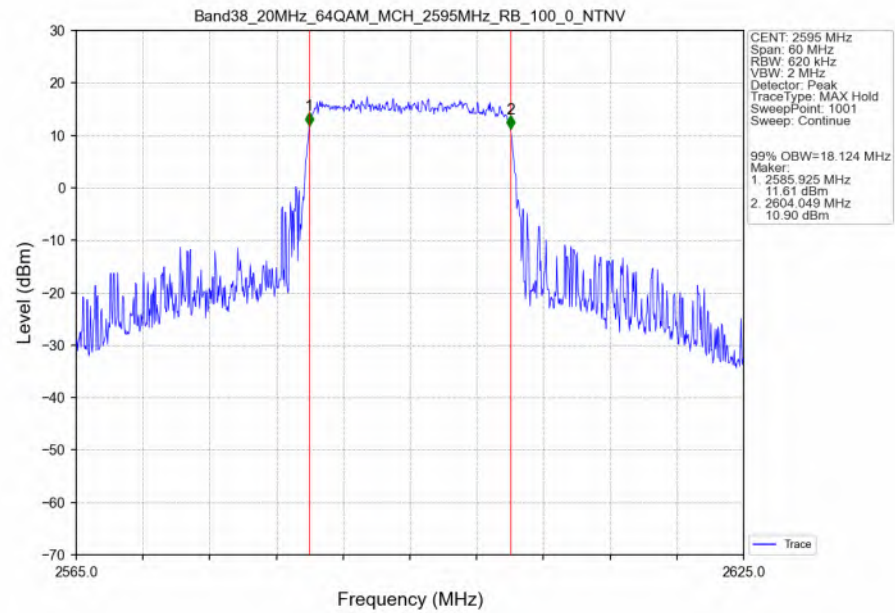
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTNV



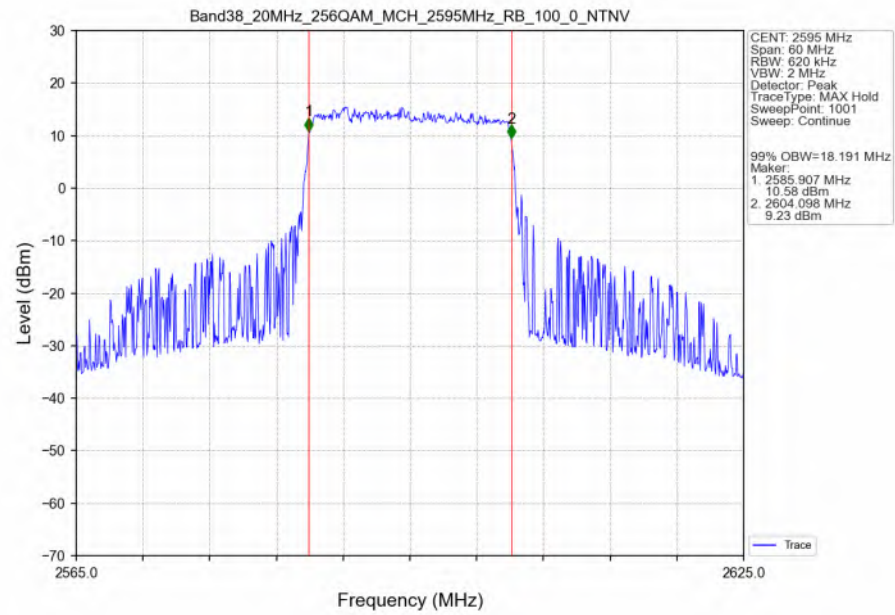
Band38 20MHz 16QAM MCH 2595MHz RB 100 0 NTNV



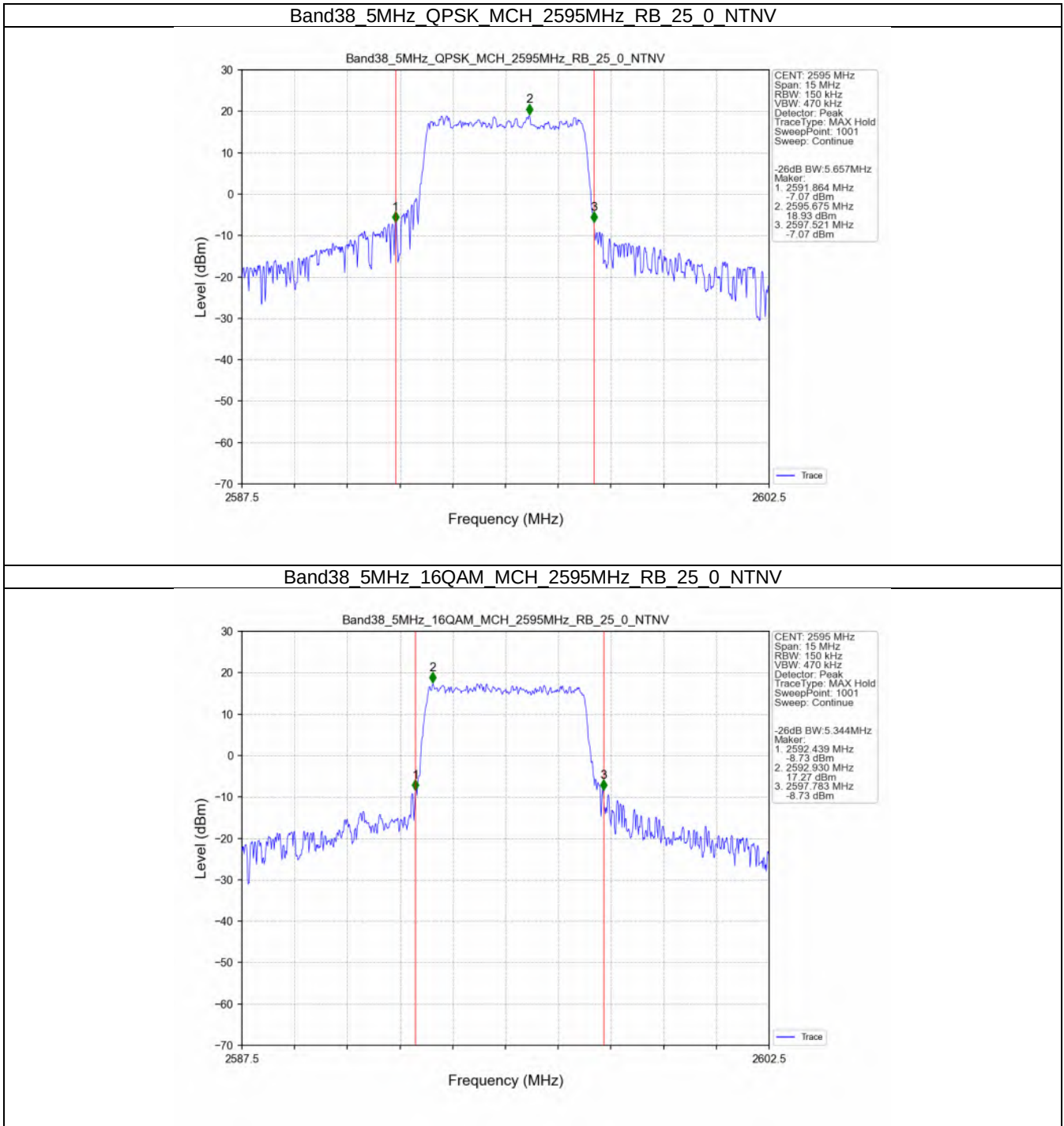
Band38 20MHz 64QAM MCH 2595MHz RB 100 0 NTN



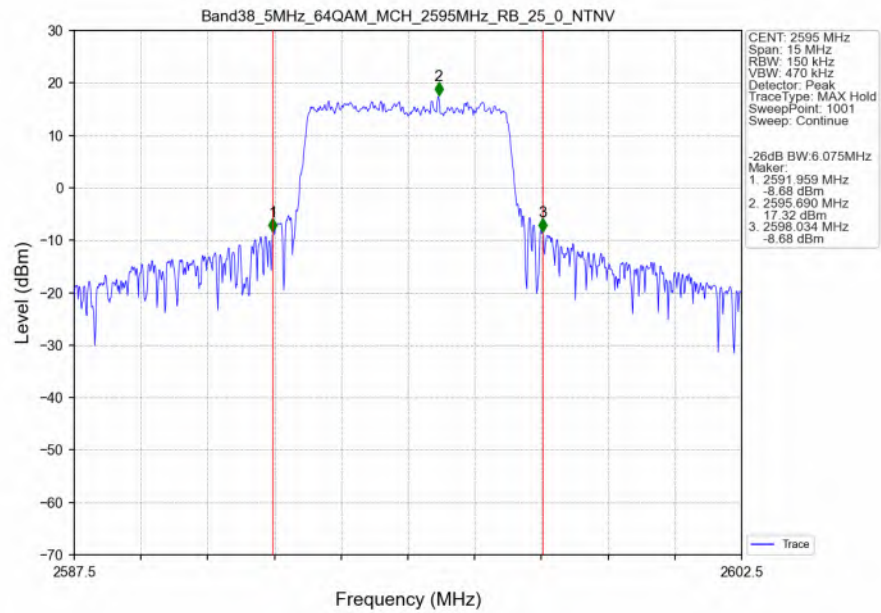
Band38 20MHz 256QAM MCH 2595MHz RB 100 0 NTN



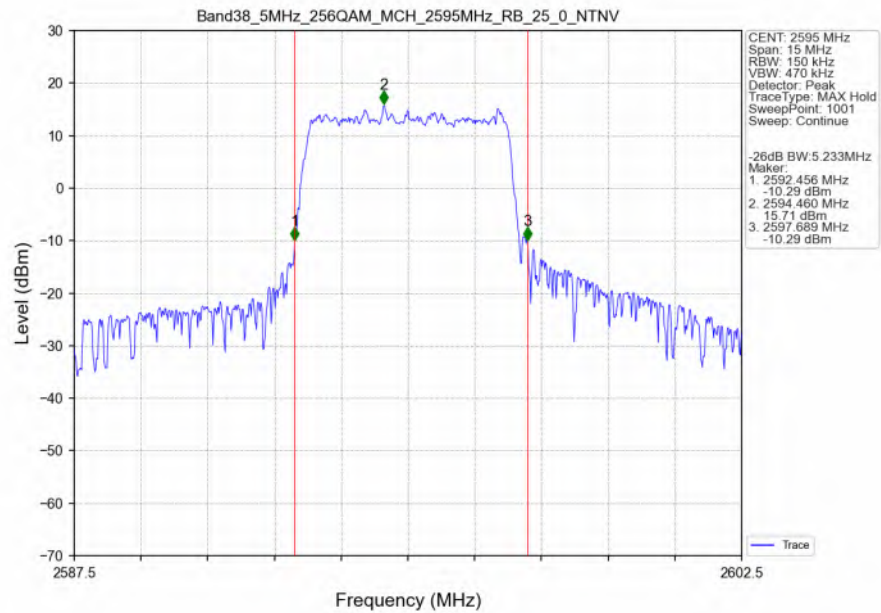
3.2.2 Band38_XDB



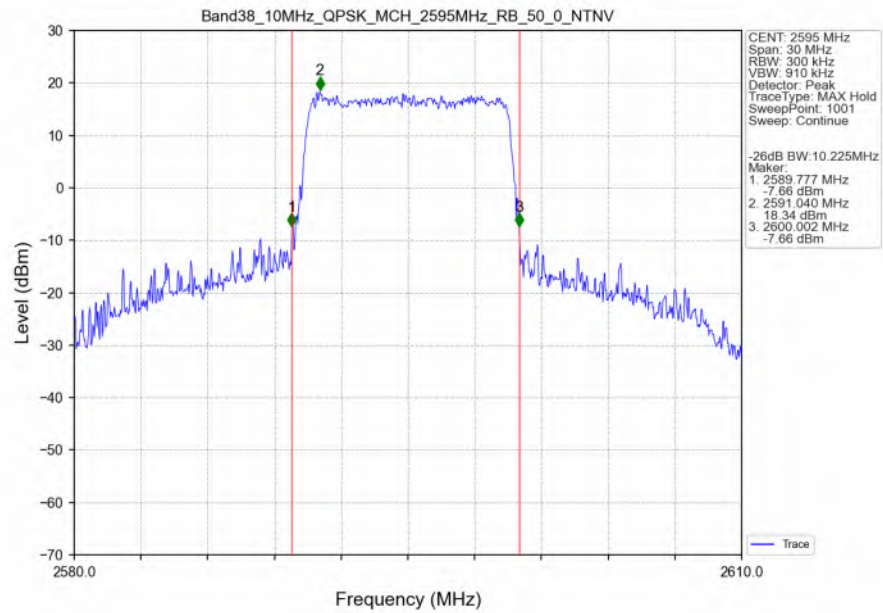
Band38 5MHz 64QAM MCH 2595MHz RB 25 0 NTN



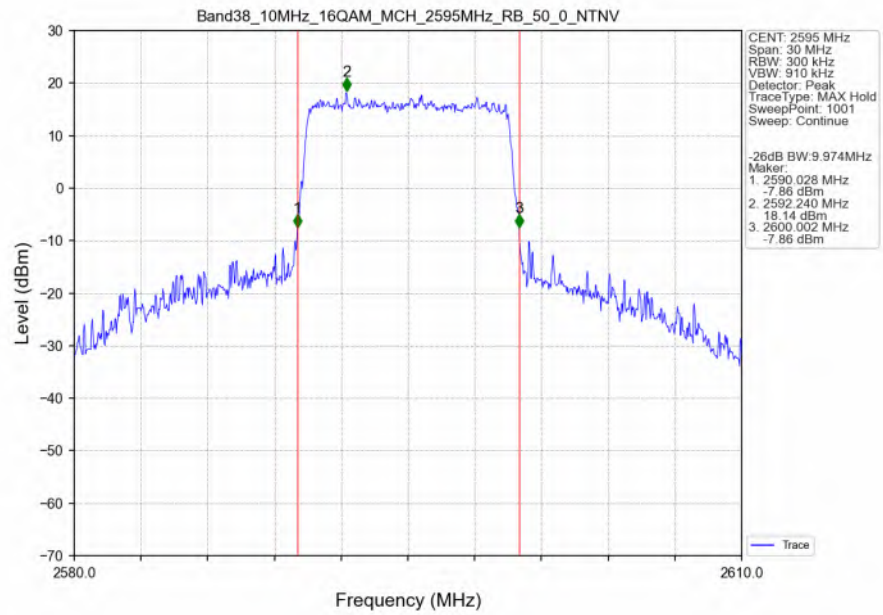
Band38 5MHz 256QAM MCH 2595MHz RB 25 0 NTN



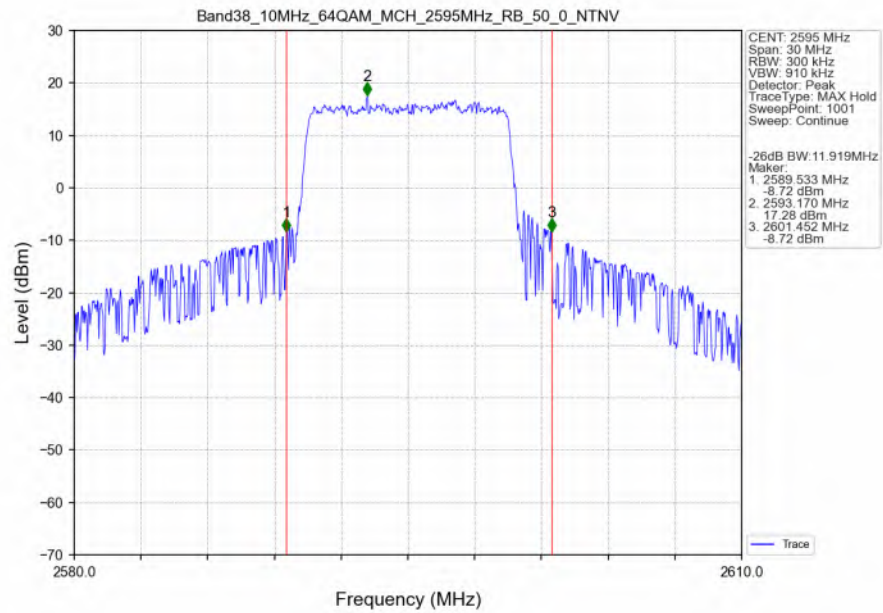
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



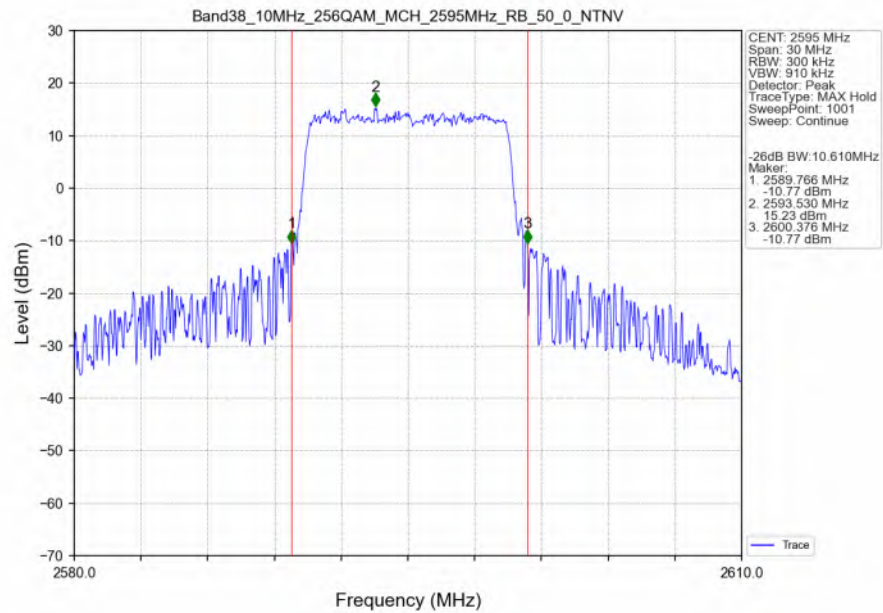
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



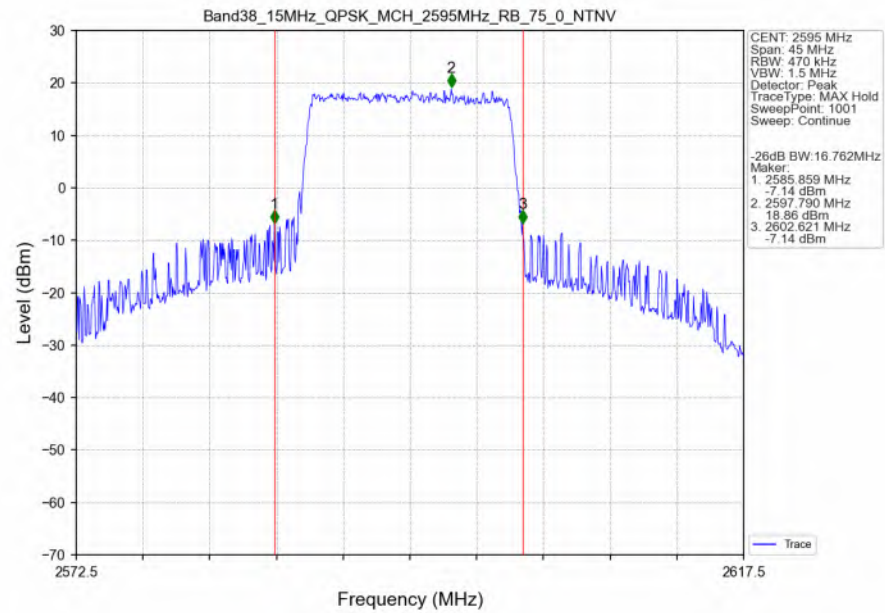
Band38 10MHz 64QAM MCH 2595MHz RB 50 0 NTNV



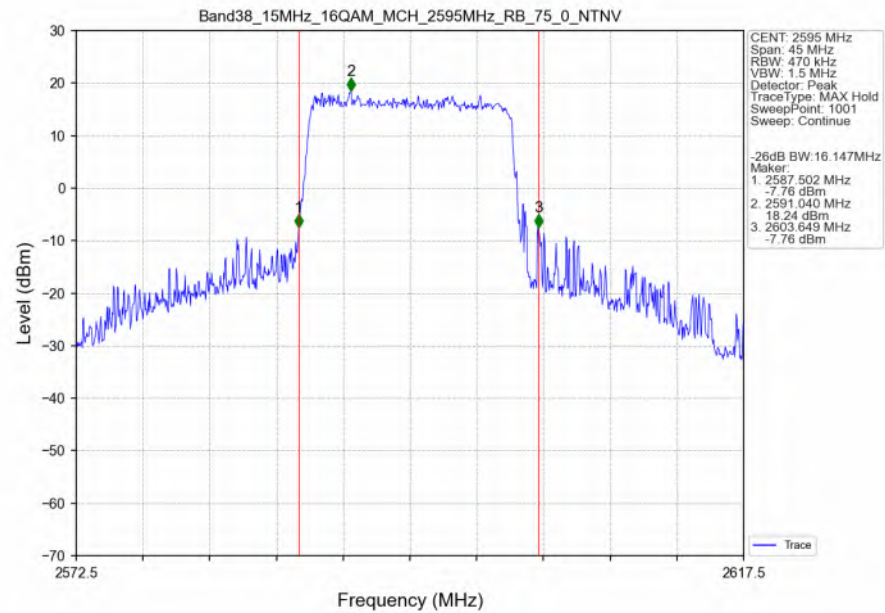
Band38 10MHz 256QAM MCH 2595MHz RB 50 0 NTNV



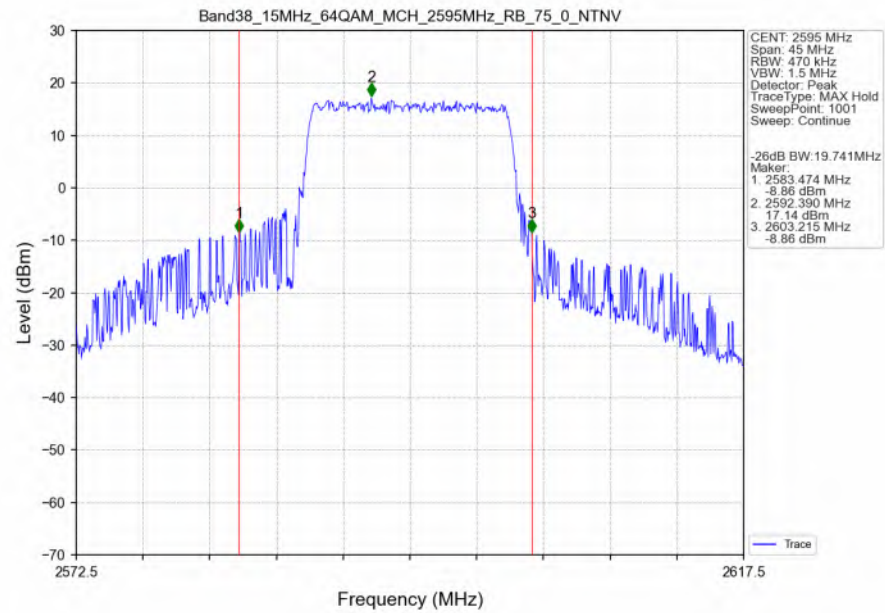
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



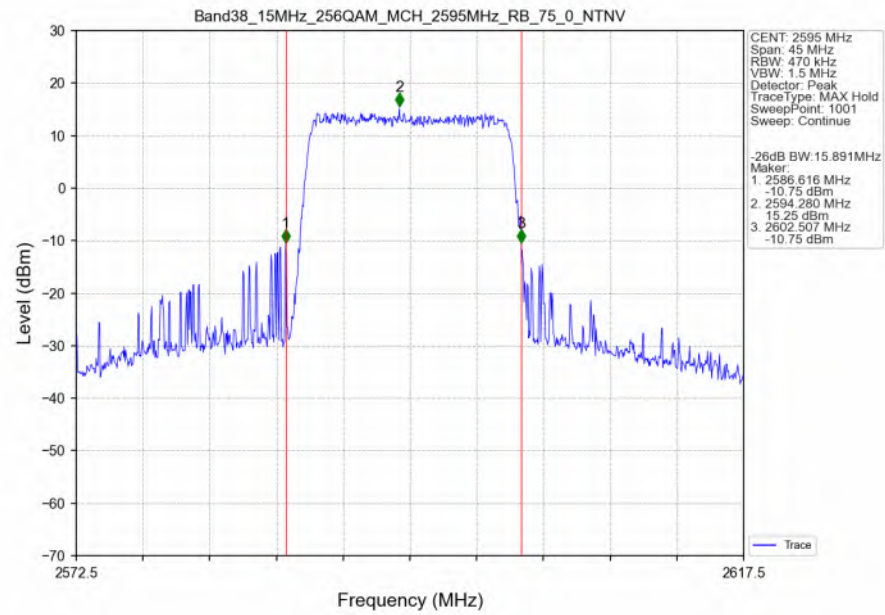
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



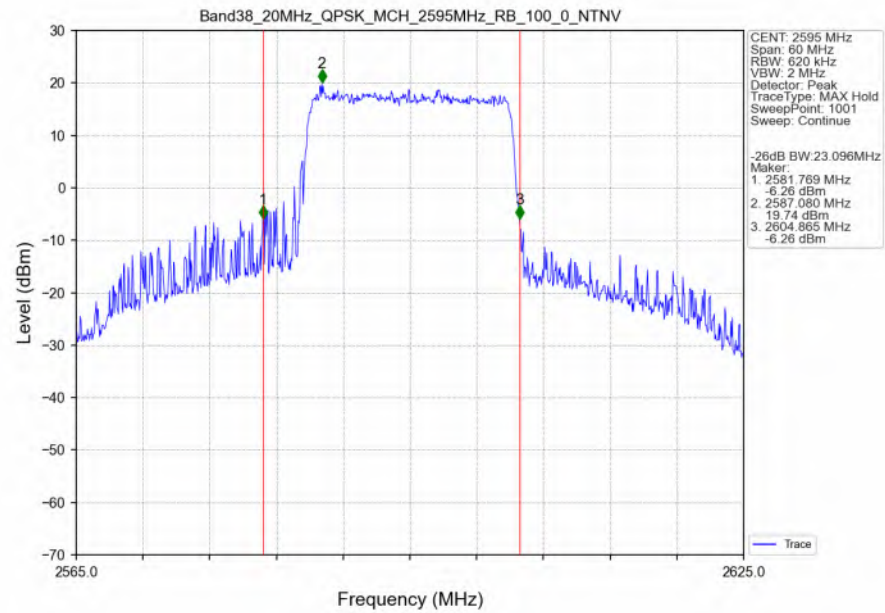
Band38 15MHz 64QAM MCH 2595MHz RB 75 0 NTNV



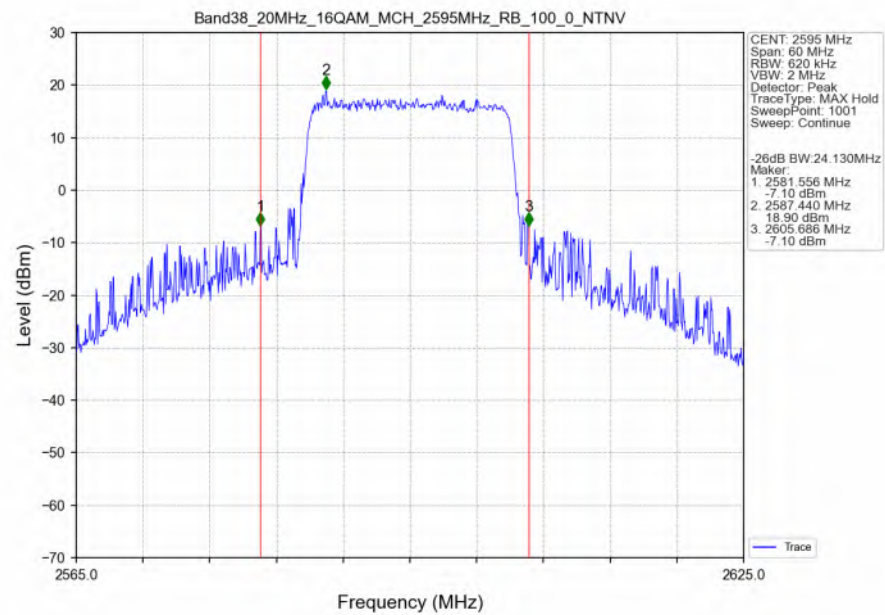
Band38 15MHz 256QAM MCH 2595MHz RB 75 0 NTNV



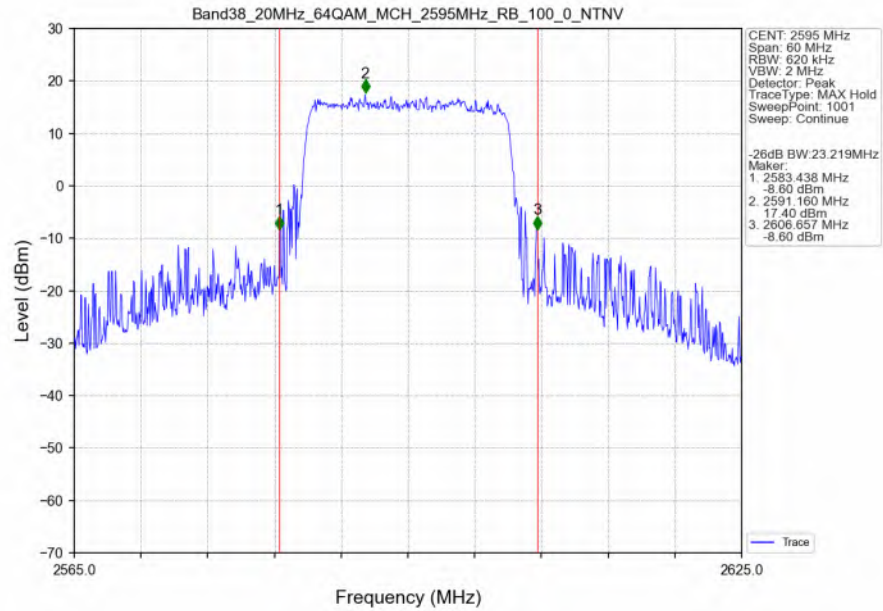
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTNV



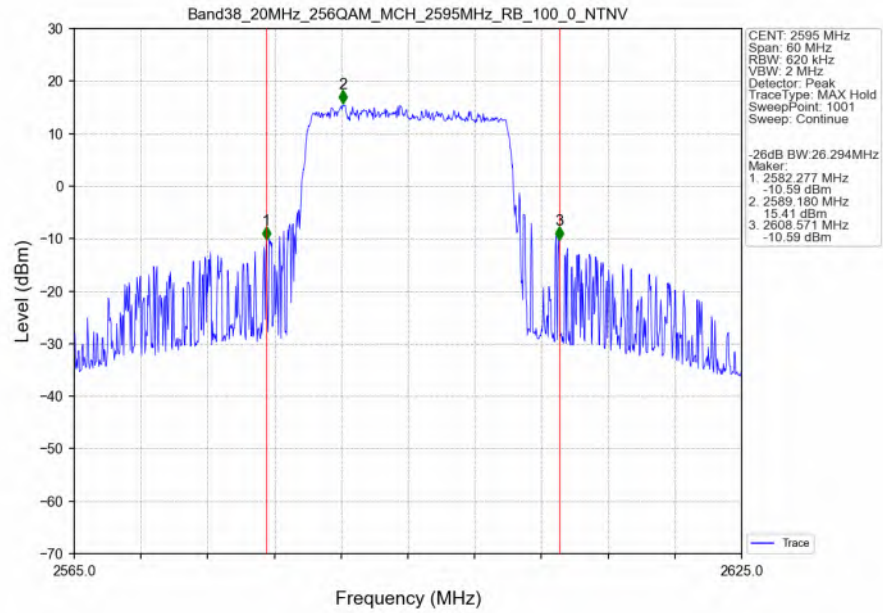
Band38 20MHz 16QAM MCH 2595MHz RB 100 0 NTNV



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



Band38 20MHz 256QAM MCH 2595MHz RB 100 0 NTV



4. Peak-Average Ratio

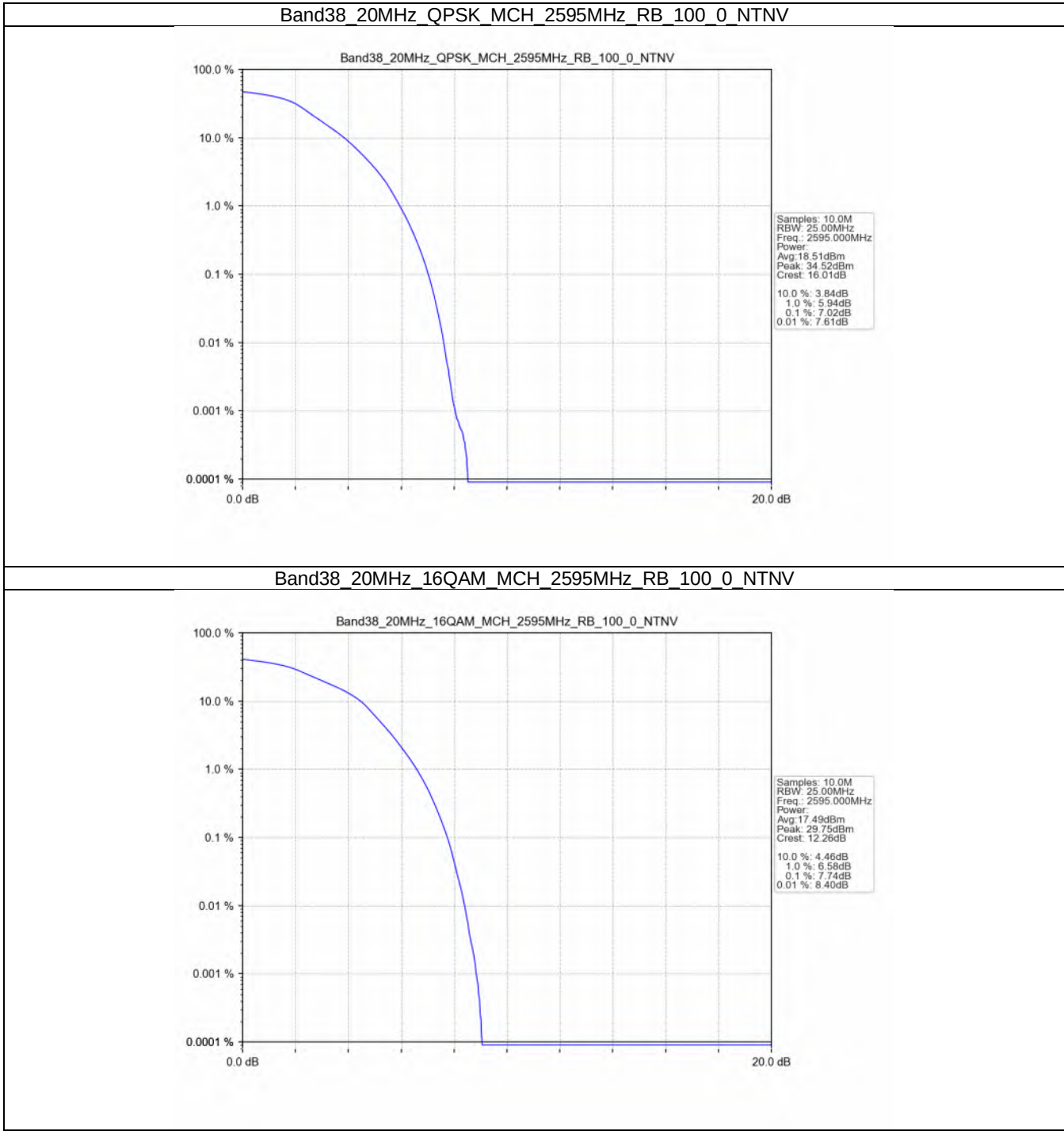
4.1 Test Result

4.1.1 B38_20MHz

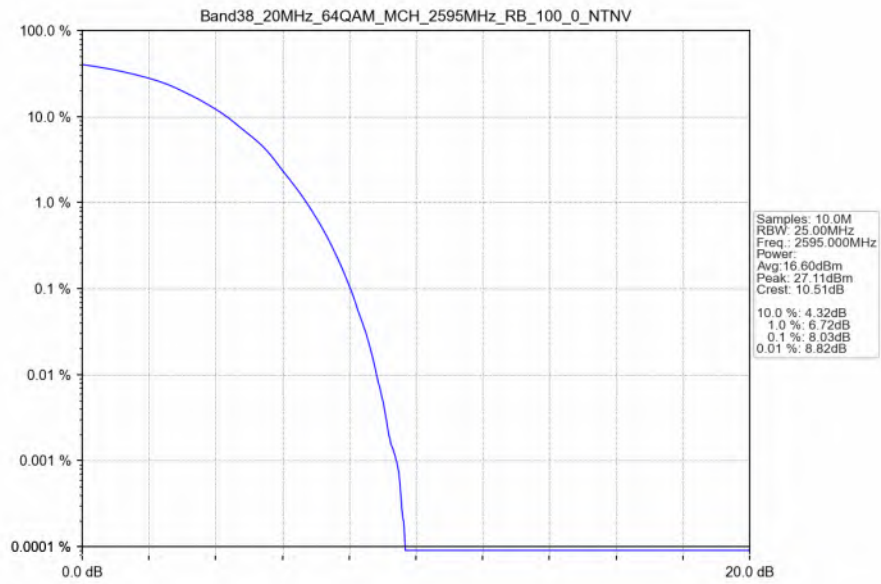
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2595	100	0	7.02	<=13	Pass
16QAM	2595	100	0	7.74	<=13	Pass
64QAM	2595	100	0	8.03	<=13	Pass
256QAM	2595	100	0	8.51	<=13	Pass

4.2 Test Graph

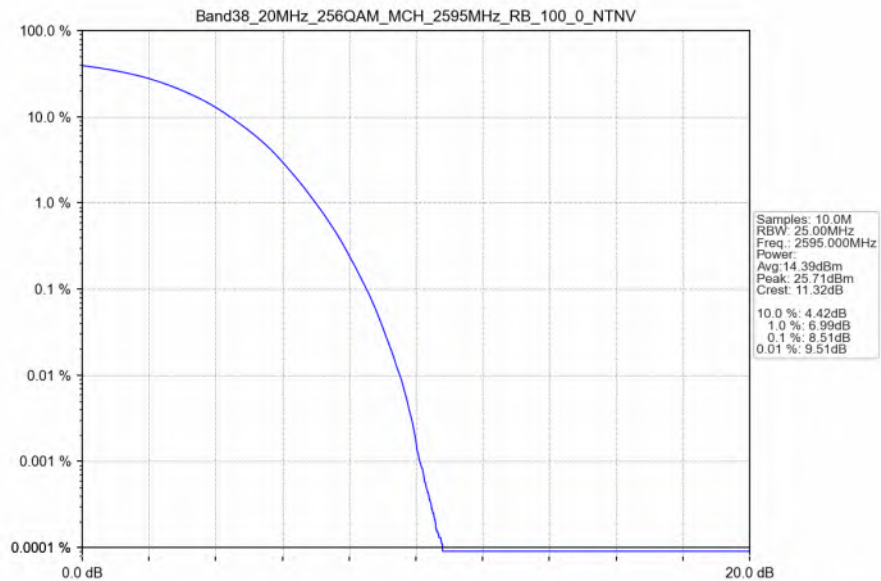
4.2.1 B38_20MHz



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



Band38 20MHz 256QAM MCH 2595MHz RB 100 0 NTN



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 / 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

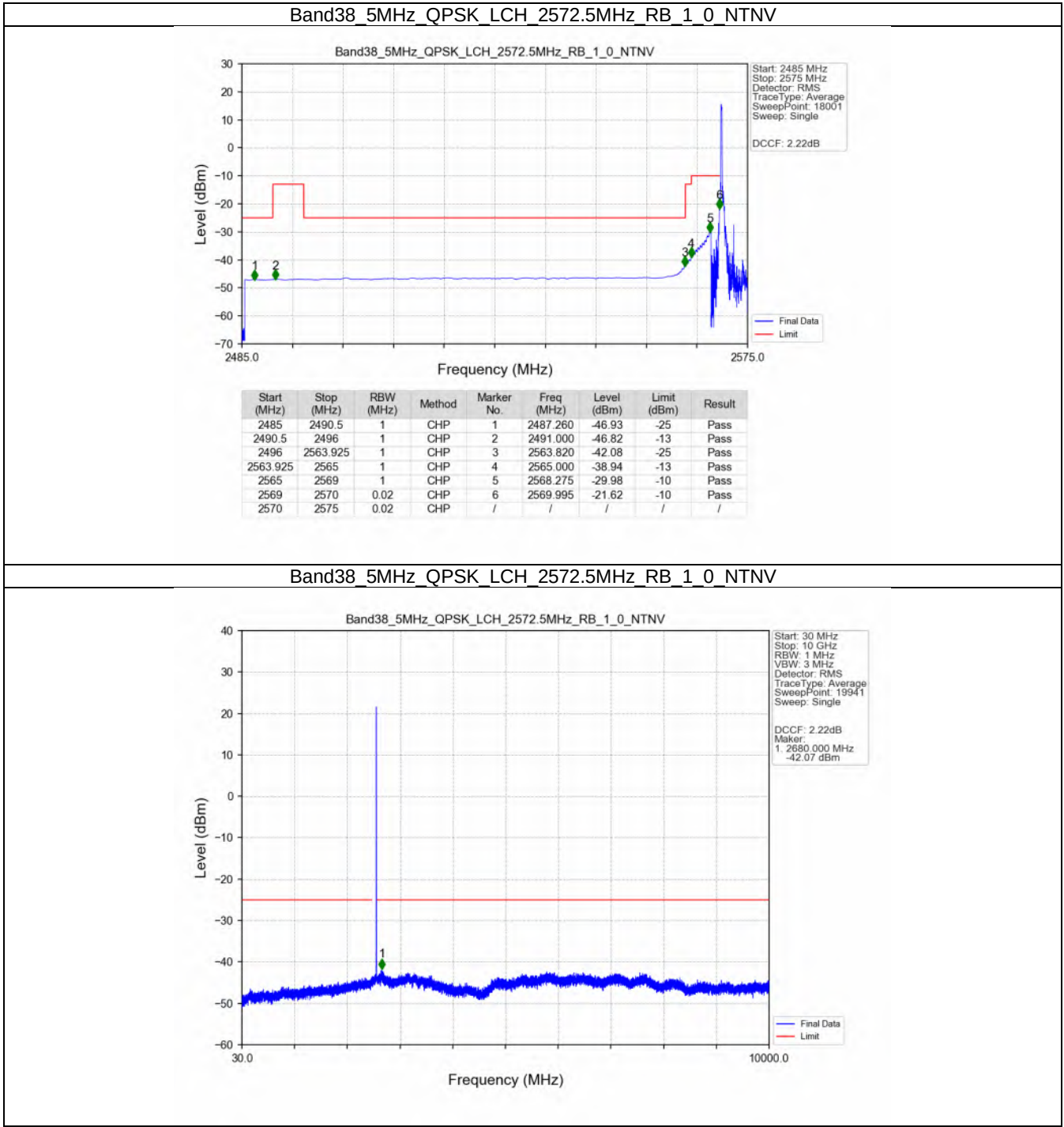
Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B38_20MHz

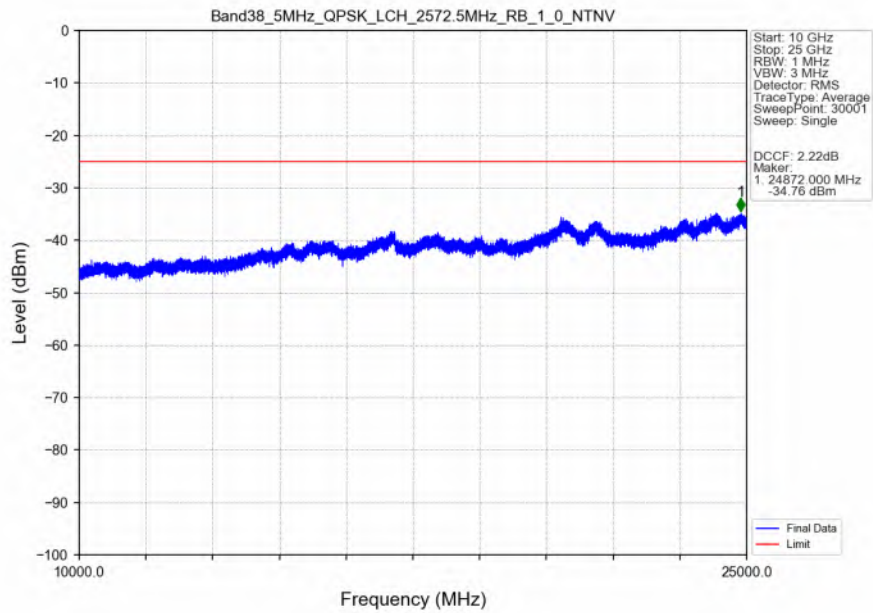
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

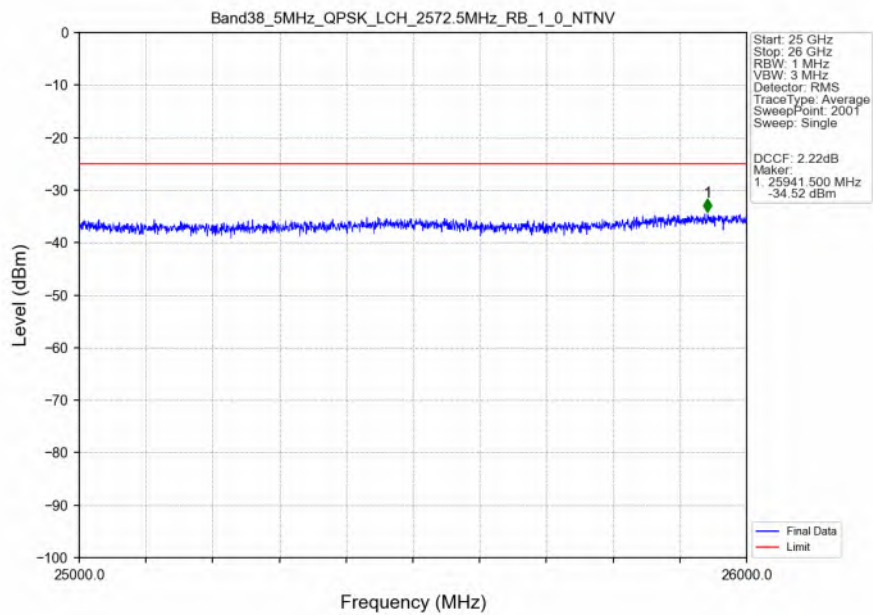
5.2.1 B38_5MHz



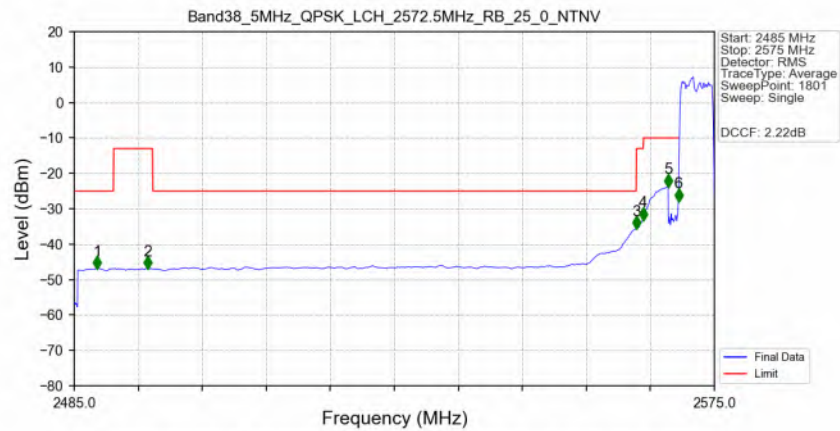
Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTNV



Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTNV

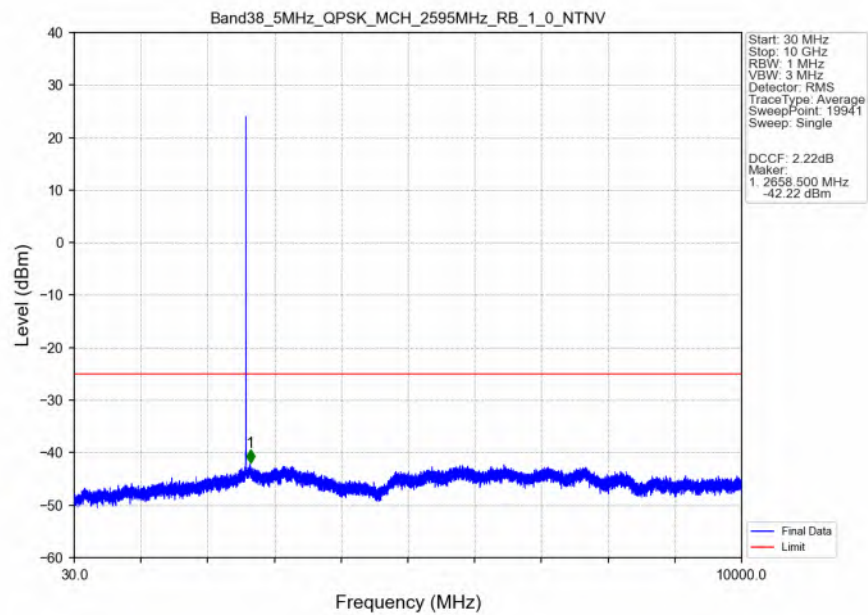


Band38 5MHz QPSK LCH 2572.5MHz RB 25 0 NTNV

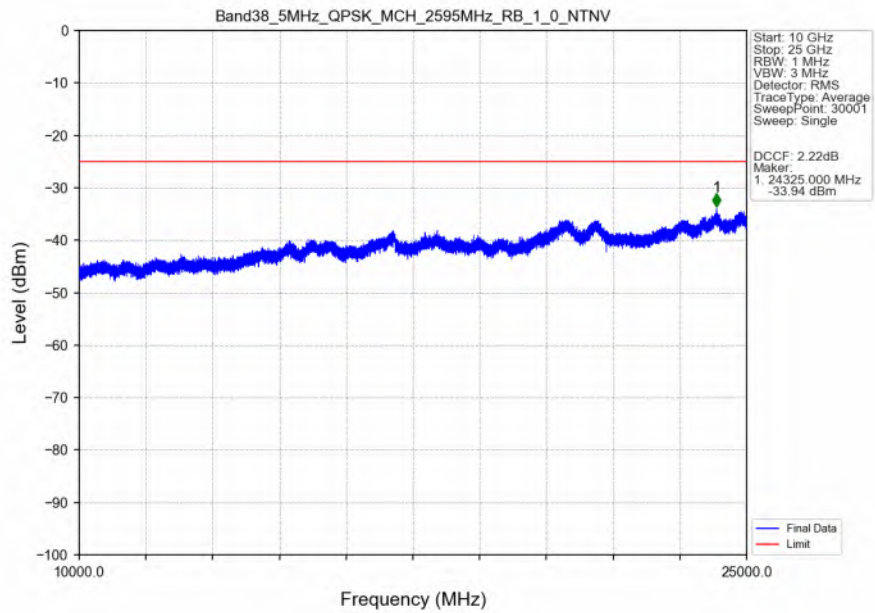


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.200	-46.79	-25	Pass
2490.5	2496	1	CHP	2	2495.300	-46.82	-13	Pass
2496	2564	1	CHP	3	2564.000	-35.45	-25	Pass
2564	2565	1	CHP	4	2565.000	-32.99	-13	Pass
2565	2569	1	CHP	5	2568.500	-23.58	-10	Pass
2569	2570	0.107	CHP	6	2569.950	-27.63	-10	Pass
2570	2575	0.107	CHP	/	/	/	/	/

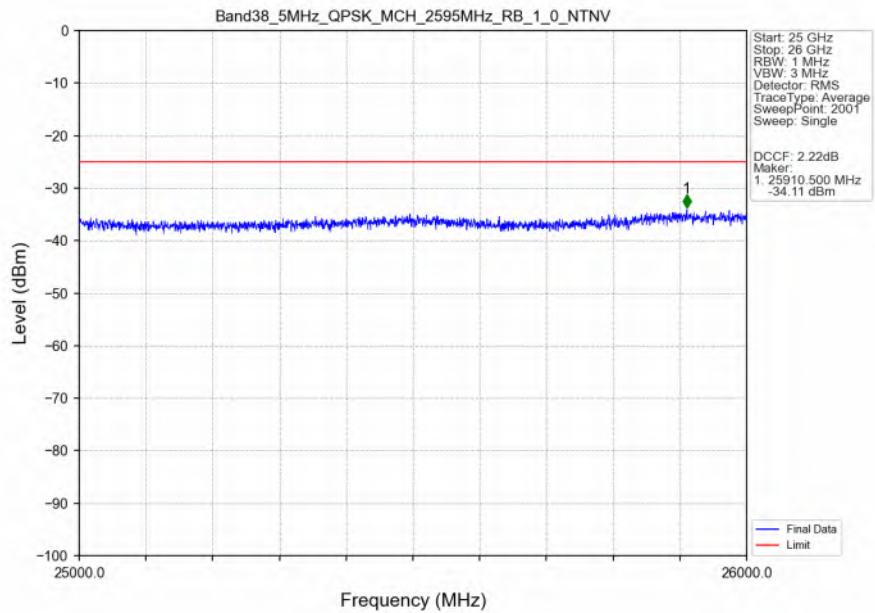
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTNV



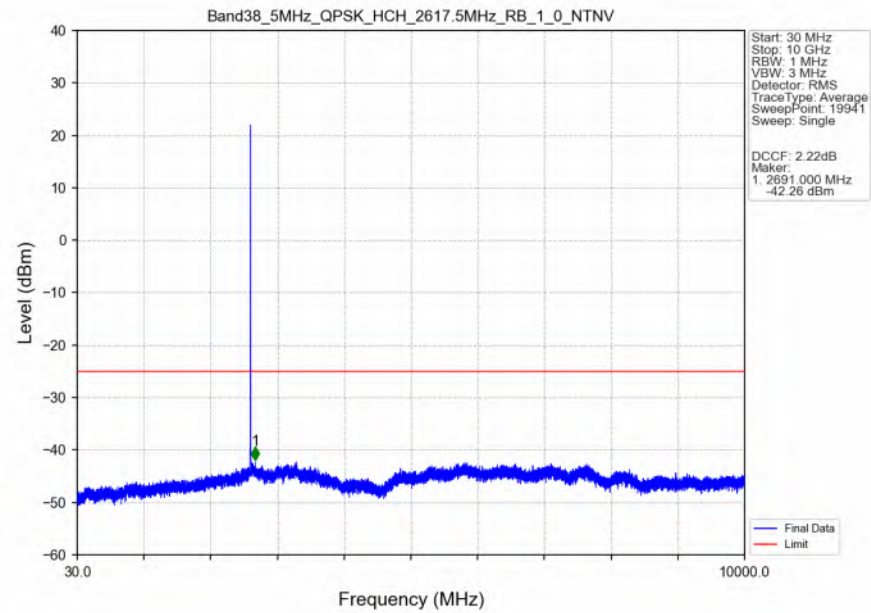
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTN



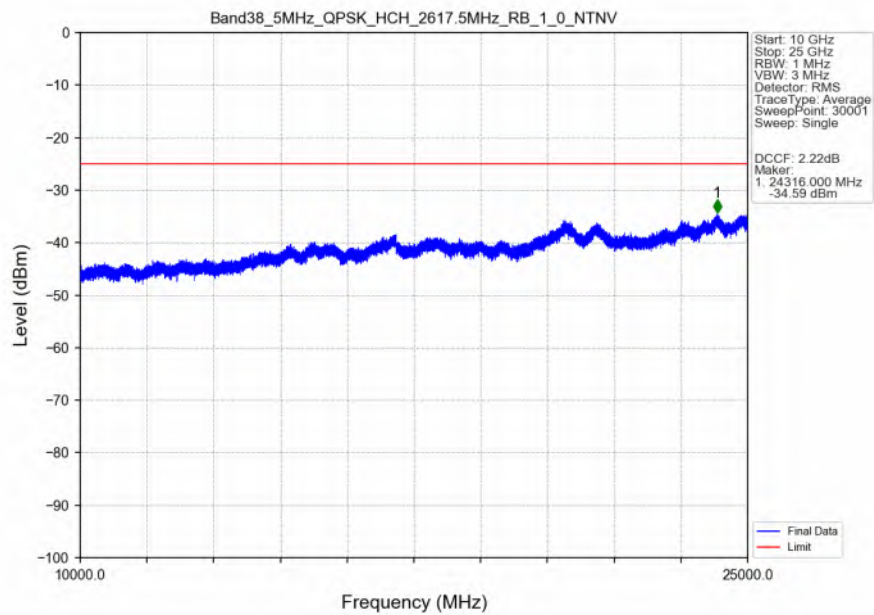
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTN



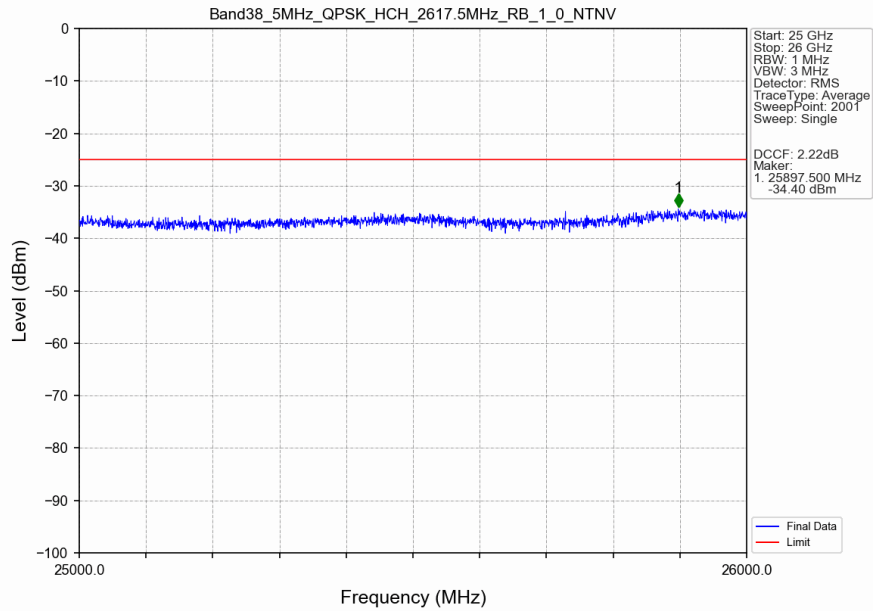
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



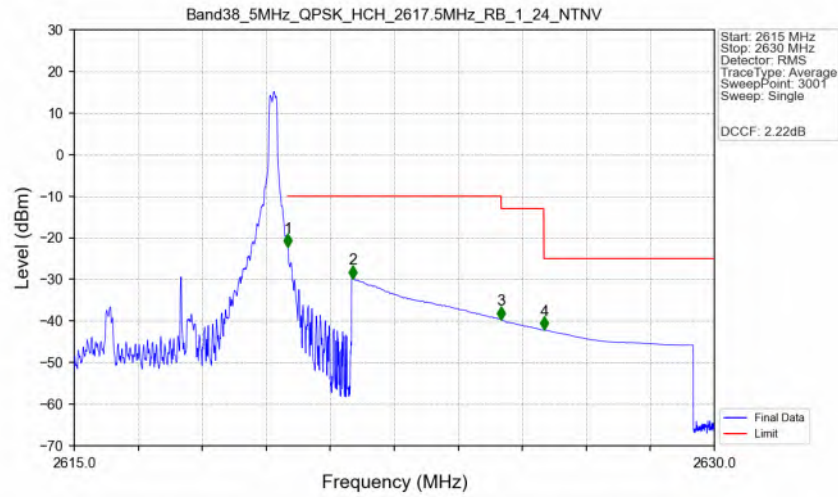
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTV

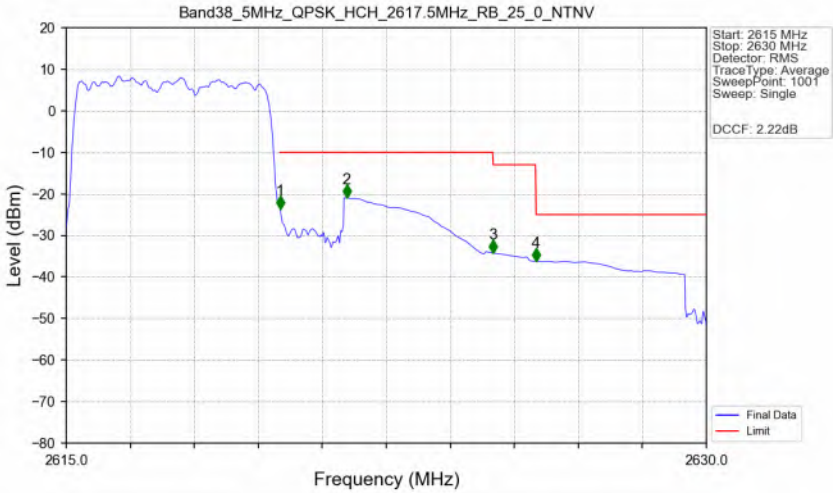


Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTV



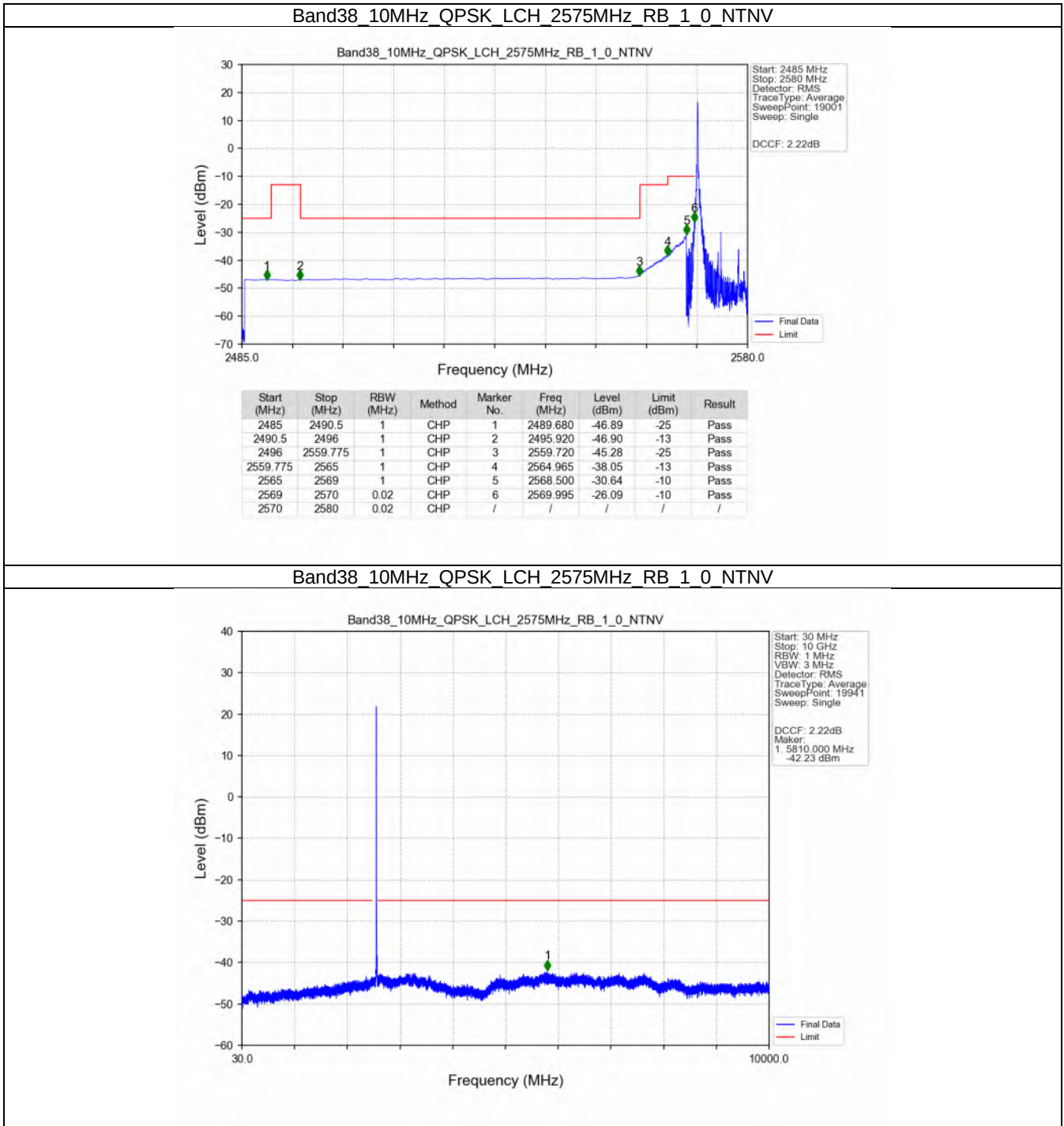
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-22.14	-10	Pass
2621	2625	1	CHP	2	2621.520	-29.78	-10	Pass
2625	2626	1	CHP	3	2625.005	-39.62	-13	Pass
2626	2630	1	CHP	4	2626.015	-42.15	-25	Pass

Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTV

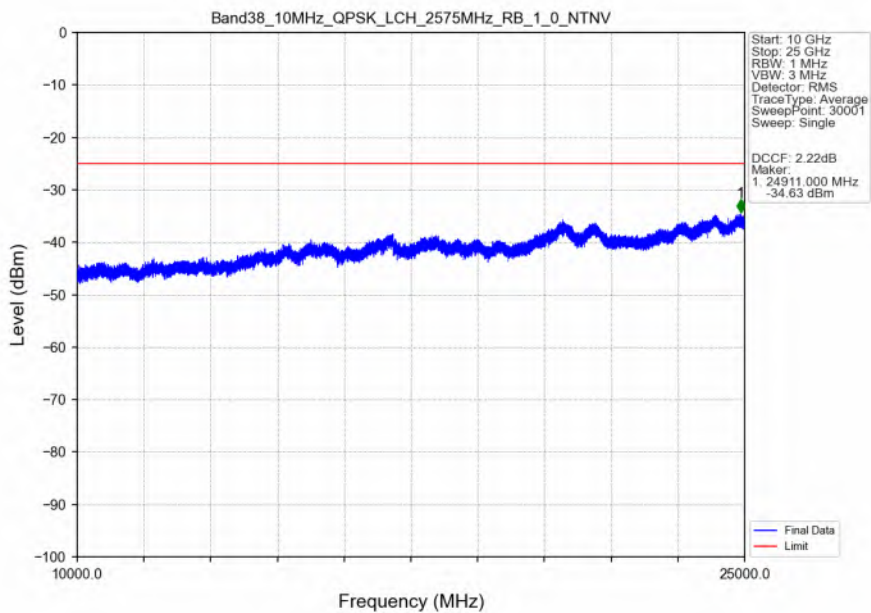


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.113	CHP	/	/	/	/	/
2620	2621	0.113	CHP	1	2620.010	-23.60	-10	Pass
2621	2625	1	CHP	2	2621.570	-20.96	-10	Pass
2625	2626	1	CHP	3	2625.005	-34.25	-13	Pass
2626	2630	1	CHP	4	2626.010	-36.24	-25	Pass

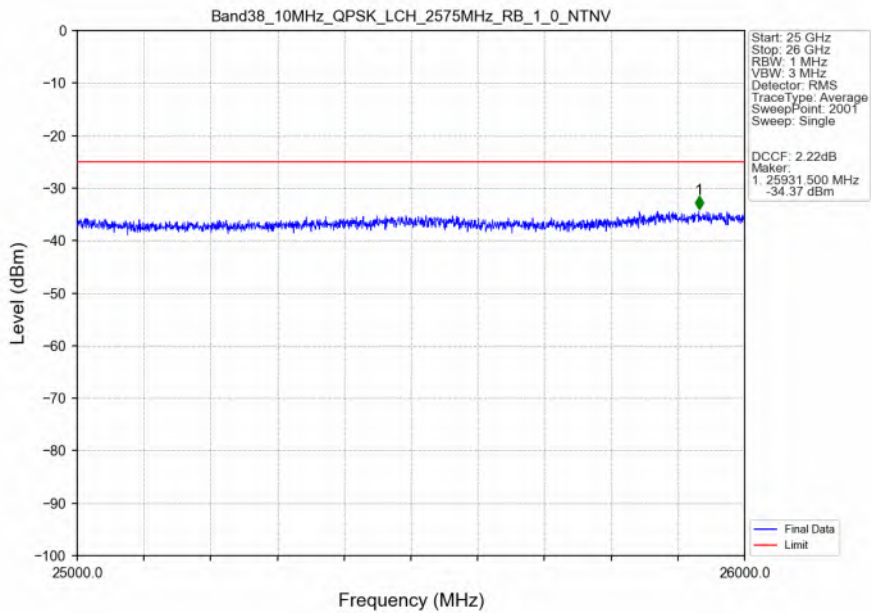
5.2.2 B38_10MHz



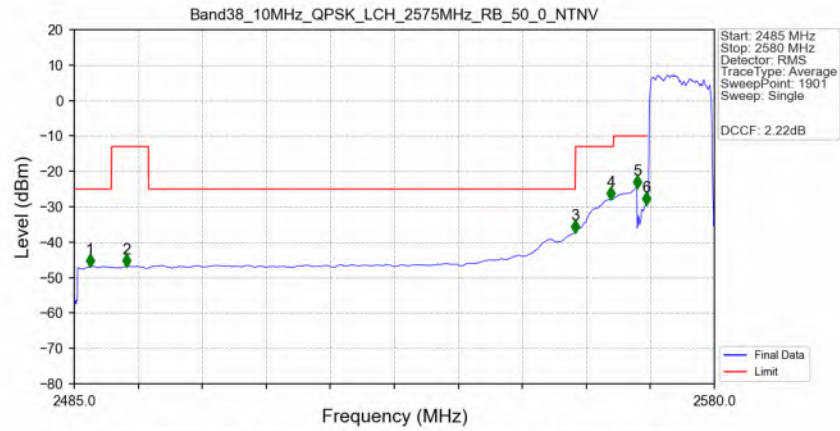
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

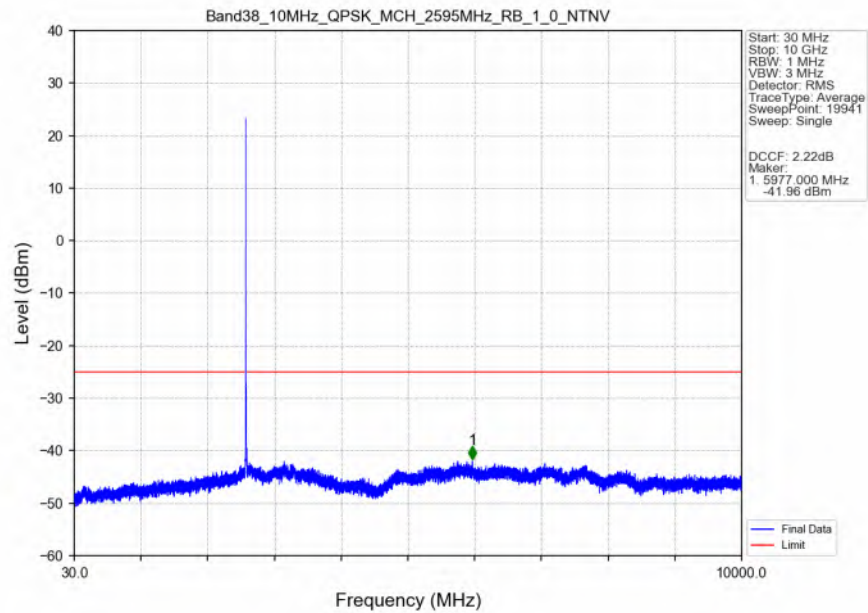


Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV

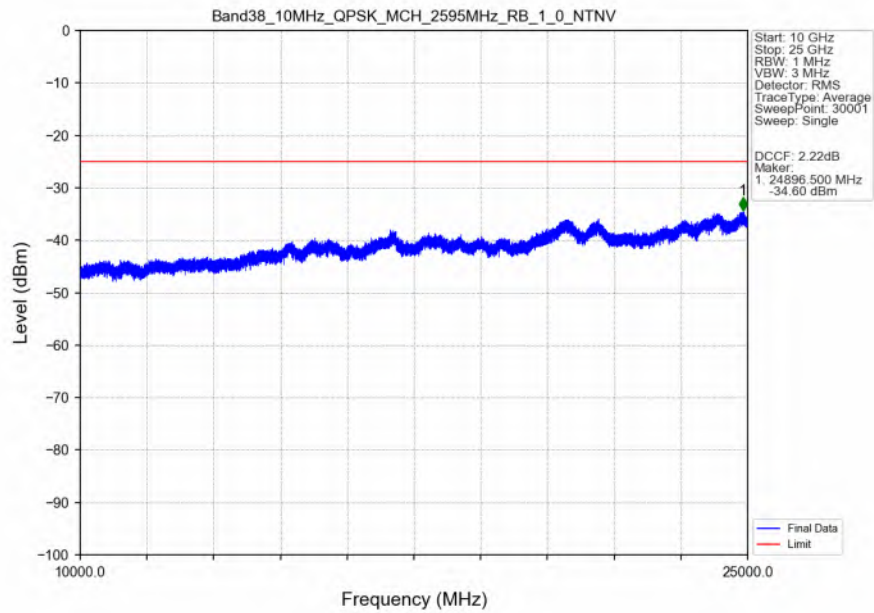


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.350	-46.74	-25	Pass
2490.5	2496	1	CHP	2	2492.750	-46.76	-13	Pass
2496	2559.39	1	CHP	3	2559.350	-37.14	-25	Pass
2559.39	2565	1	CHP	4	2564.650	-27.77	-13	Pass
2565	2569	1	CHP	5	2568.500	-24.57	-10	Pass
2569	2570	0.212	CHP	6	2569.850	-29.19	-10	Pass
2570	2580	0.212	CHP	/	/	/	/	/

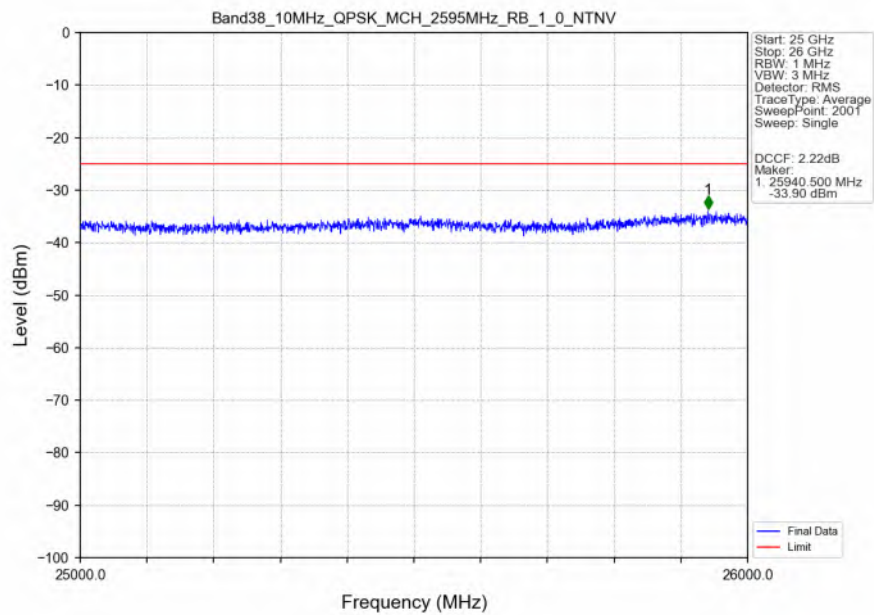
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



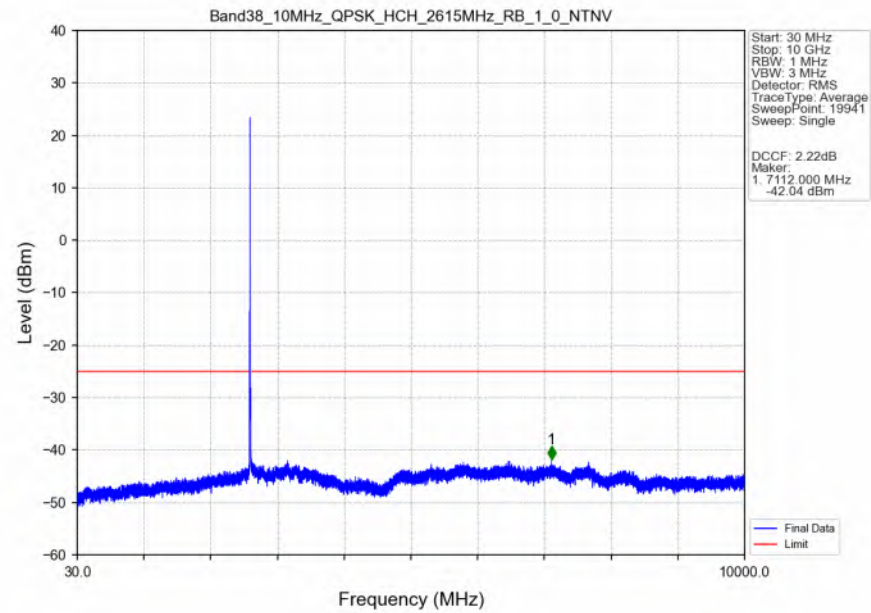
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



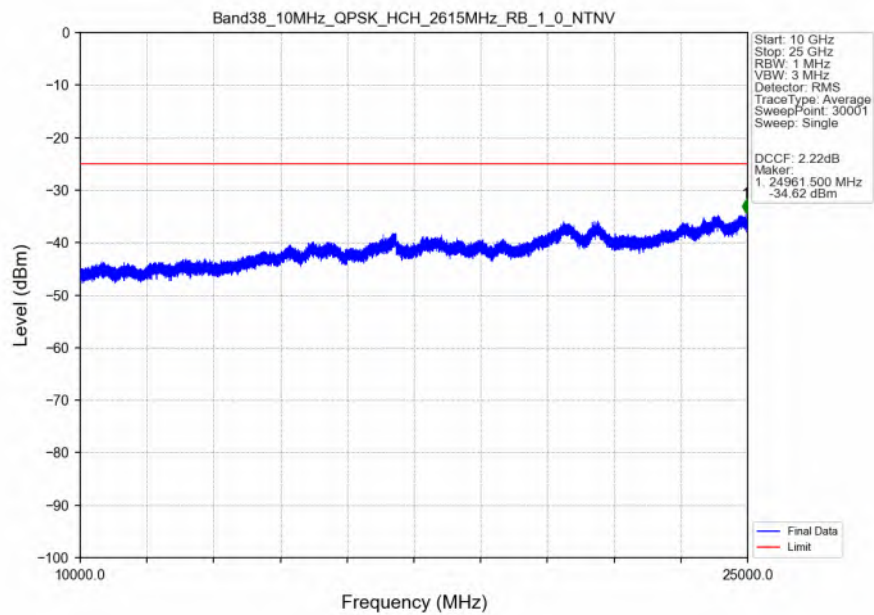
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



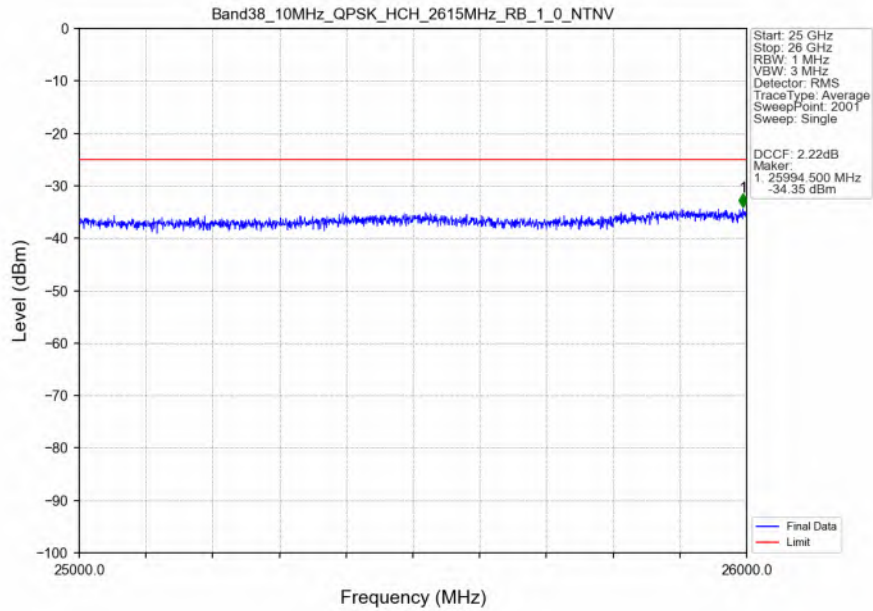
Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTNV



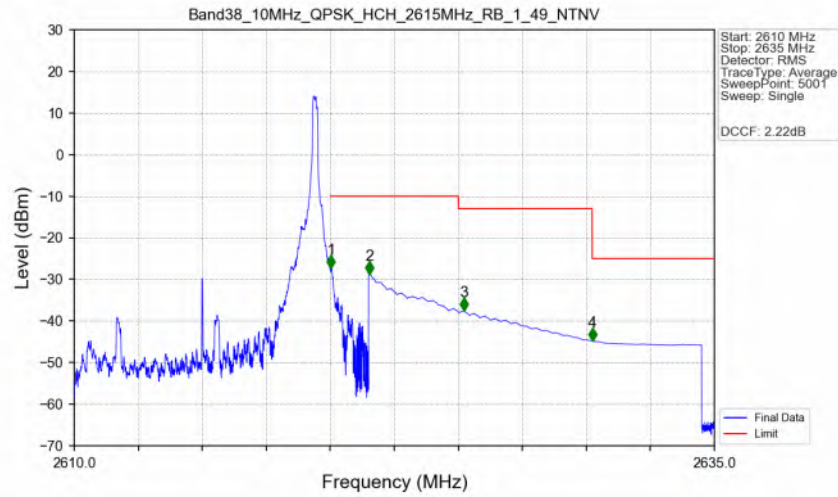
Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTNV



Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTV

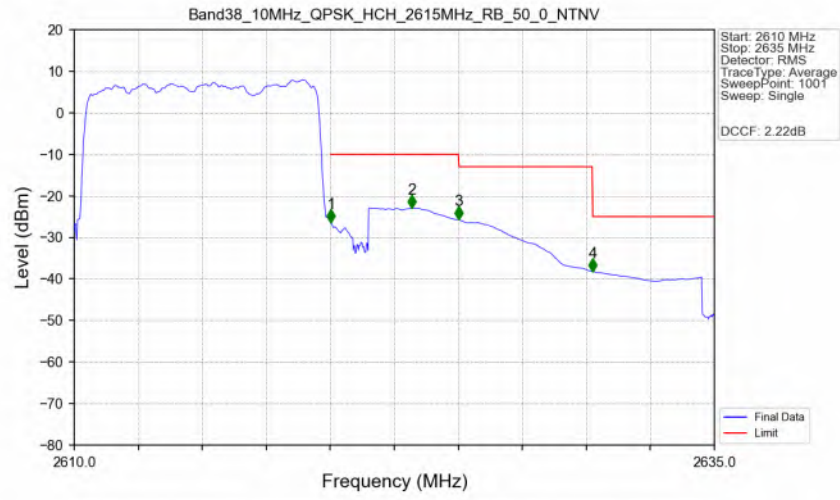


Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTV



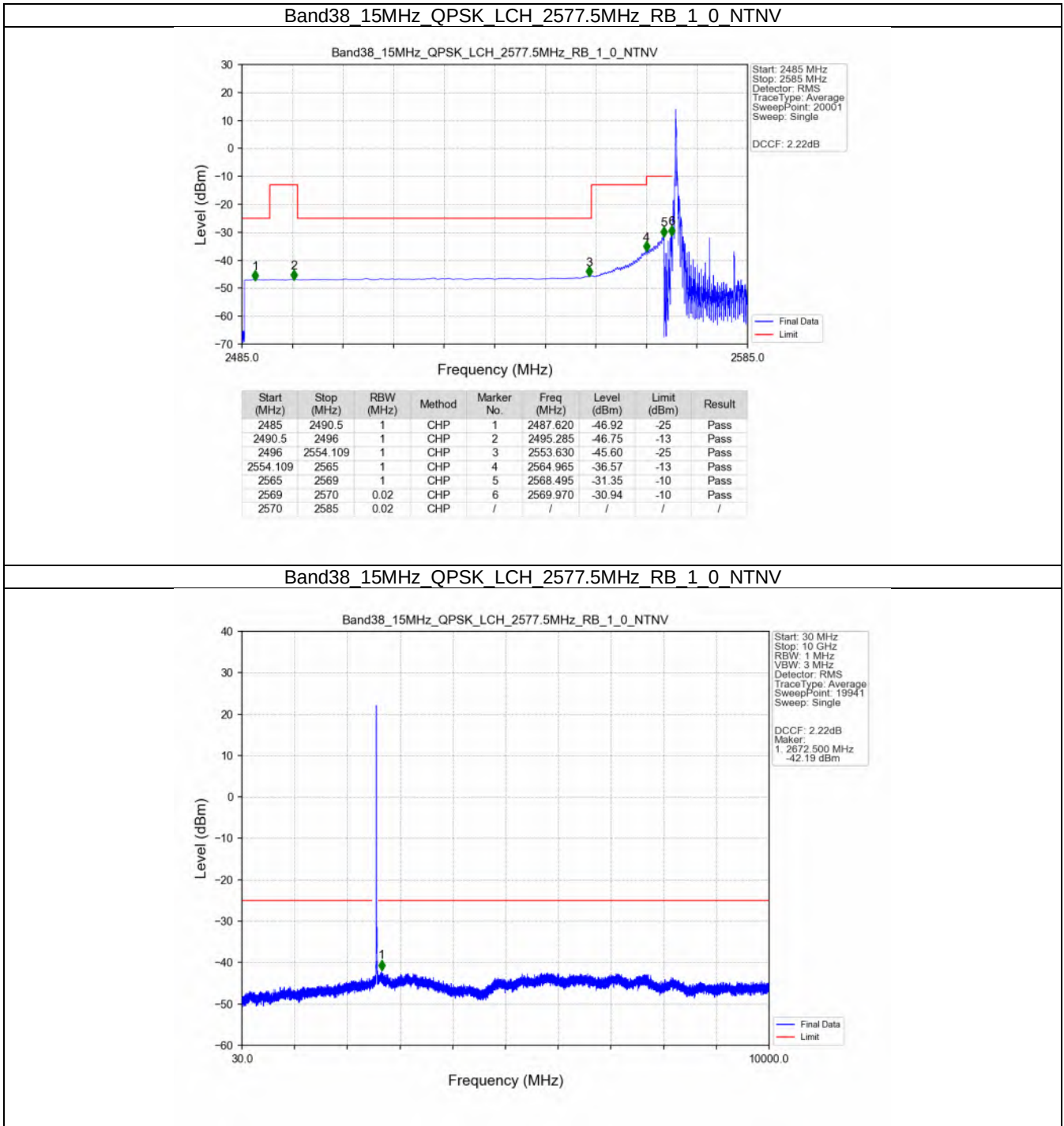
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.025	-27.34	-10	Pass
2621	2625	1	CHP	2	2621.520	-28.86	-10	Pass
2625	2630.225	1	CHP	3	2625.220	-37.56	-13	Pass
2630.225	2635	1	CHP	4	2630.230	-44.78	-25	Pass

Band38 10MHz QPSK HCH 2615MHz RB 50 0 NTV

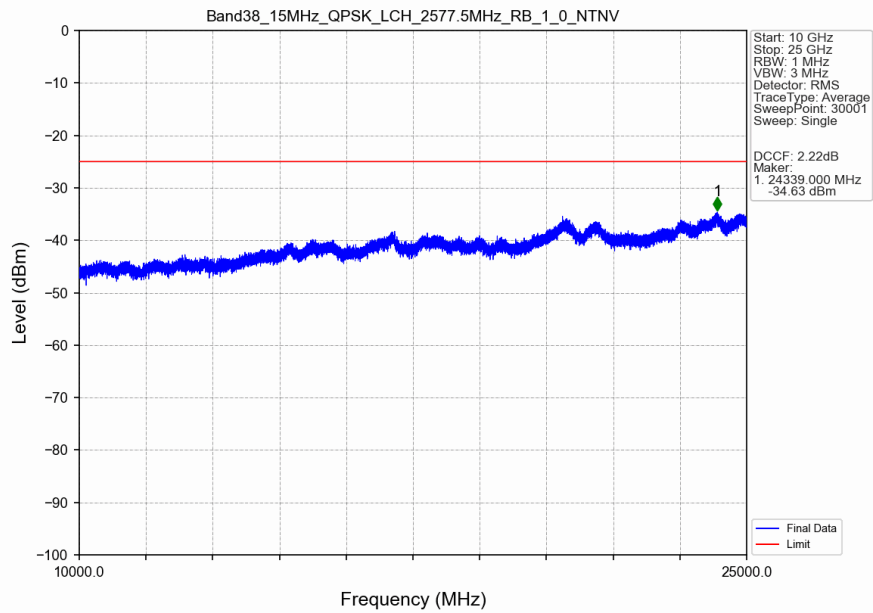


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.205	CHP	/	/	/	/	/
2620	2621	0.205	CHP	1	2620.025	-26.47	-10	Pass
2621	2625	1	CHP	2	2623.175	-22.95	-10	Pass
2625	2630.225	1	CHP	3	2625.025	-25.75	-13	Pass
2630.225	2635	1	CHP	4	2630.250	-38.24	-25	Pass

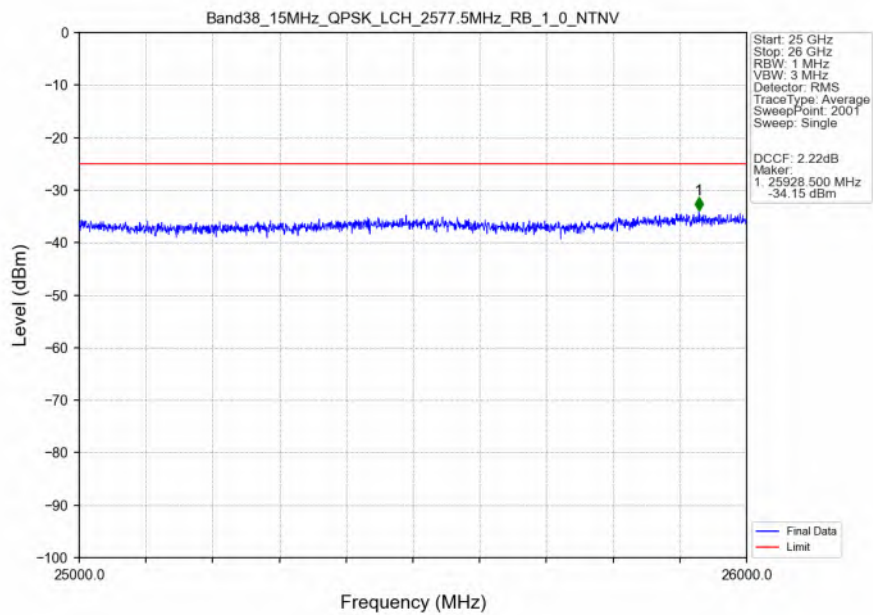
5.2.3 B38_15MHz



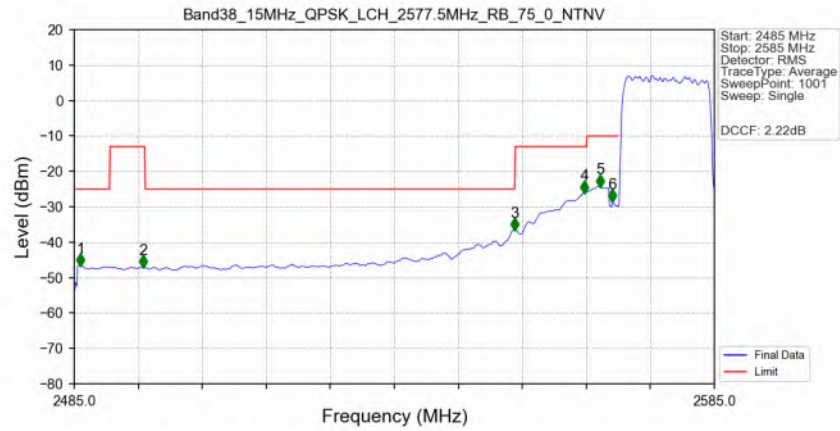
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

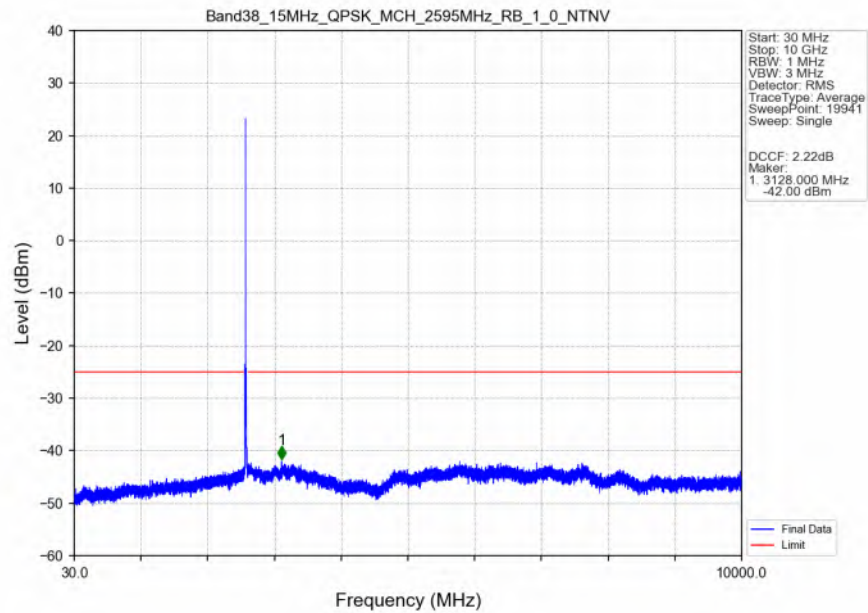


Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV

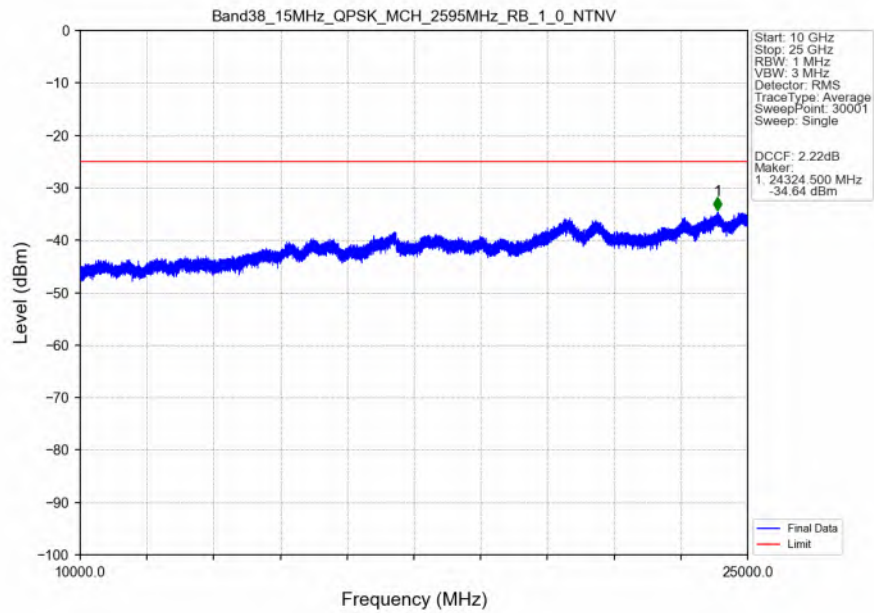


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.000	-46.63	-25	Pass
2490.5	2496	1	CHP	2	2495.800	-46.98	-13	Pass
2496	2553.853	1	CHP	3	2553.800	-36.51	-25	Pass
2553.853	2565	1	CHP	4	2564.700	-25.98	-13	Pass
2565	2569	1	CHP	5	2567.100	-24.23	-10	Pass
2569	2570	0.323	CHP	6	2569.100	-28.45	-10	Pass
2570	2585	0.323	CHP	/	/	/	/	/

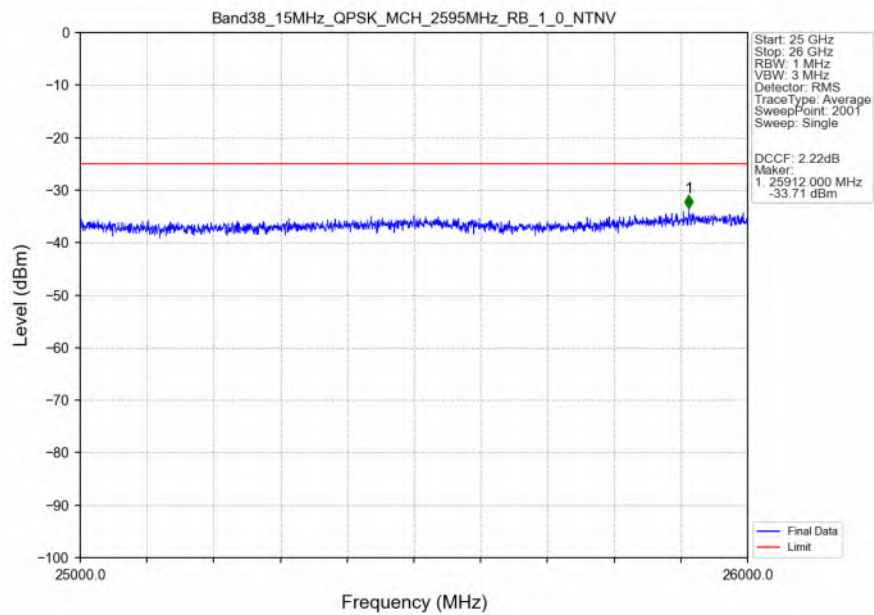
Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTNV



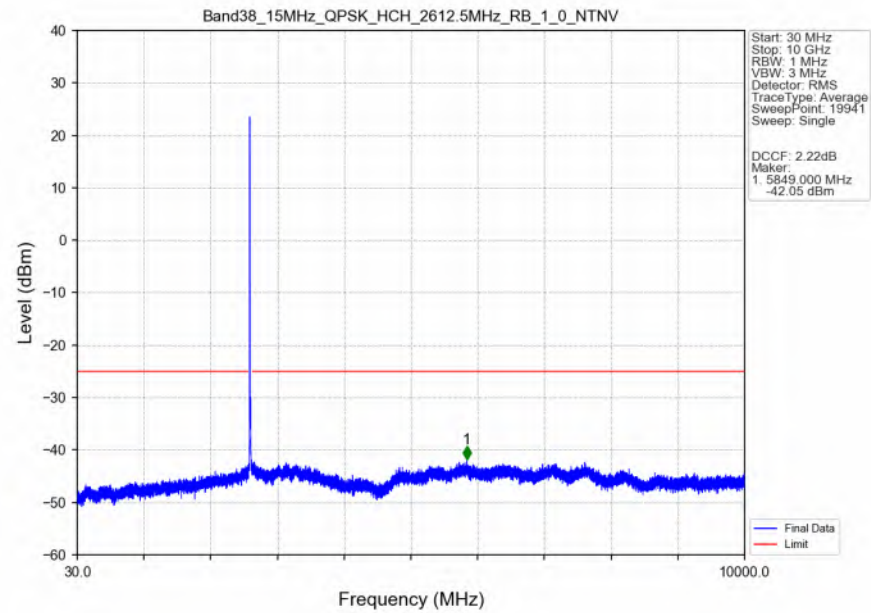
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



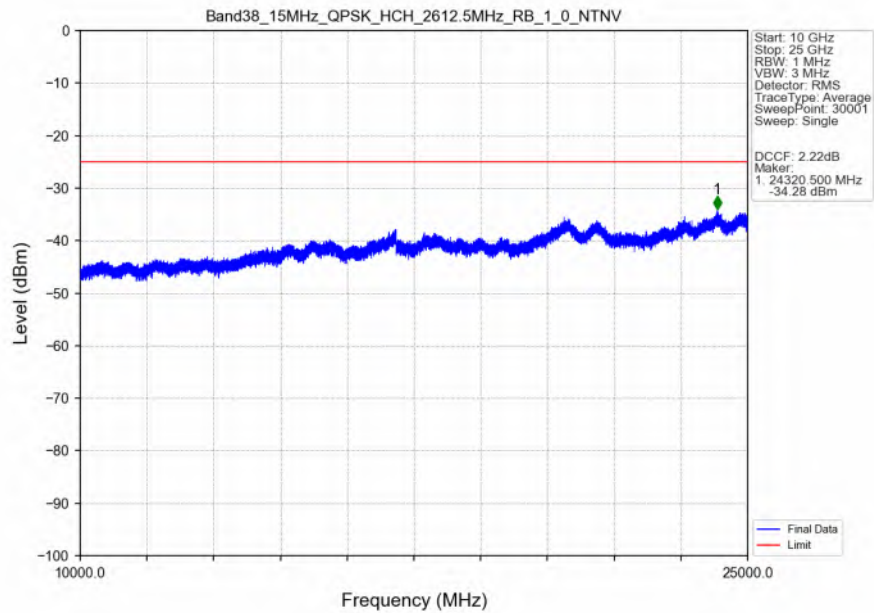
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



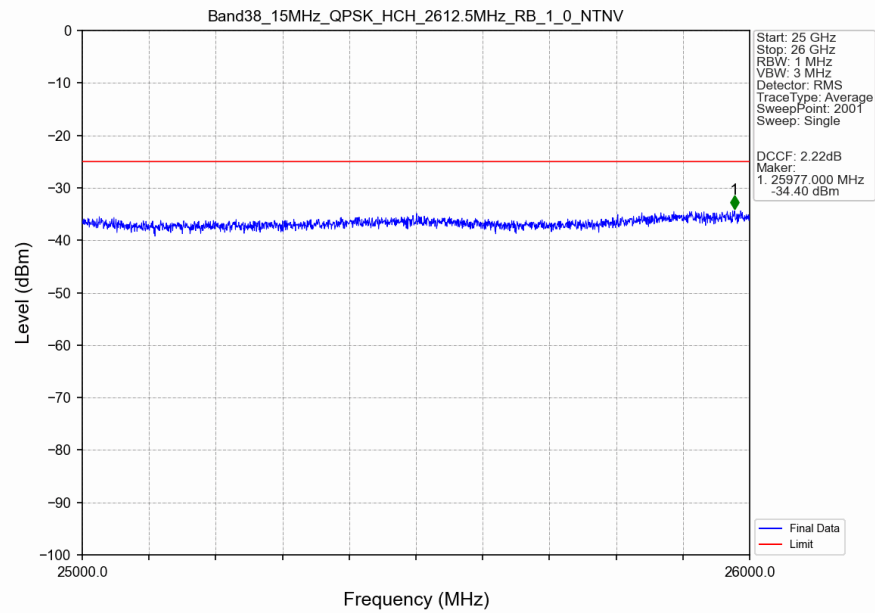
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



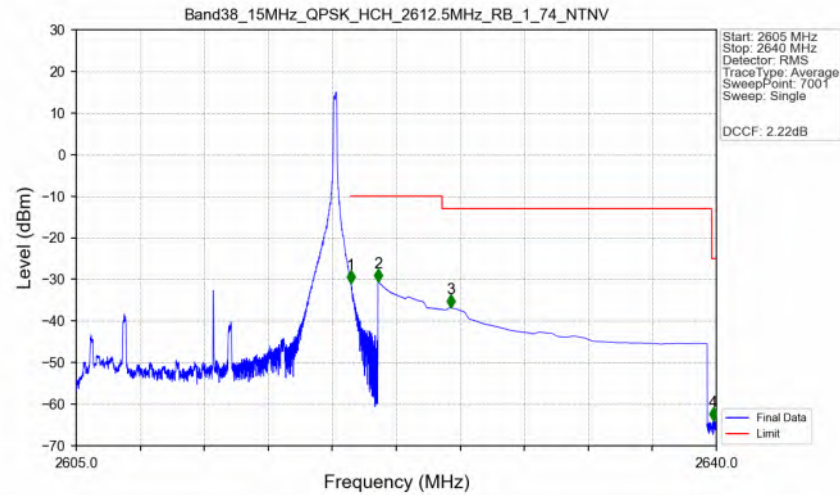
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



Band38 15MHz QPSK HCH 2612.5MHz RB 1 0 NTNV

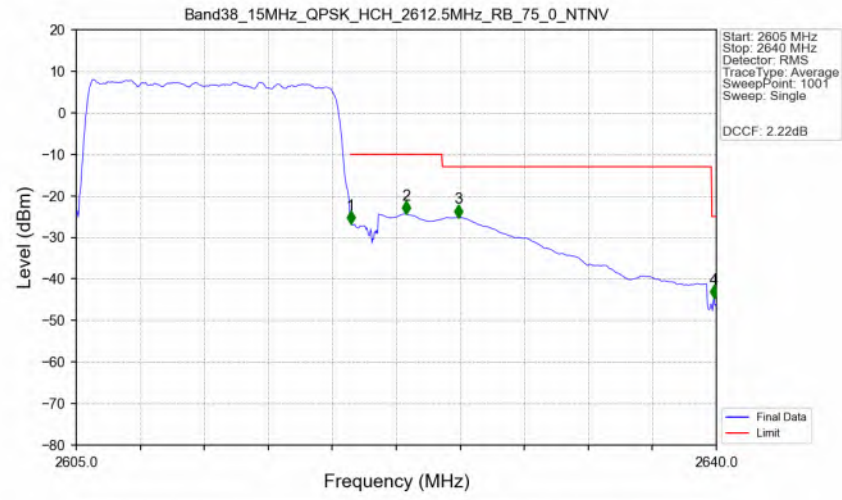


Band38 15MHz QPSK HCH 2612.5MHz RB 1 74 NTNV



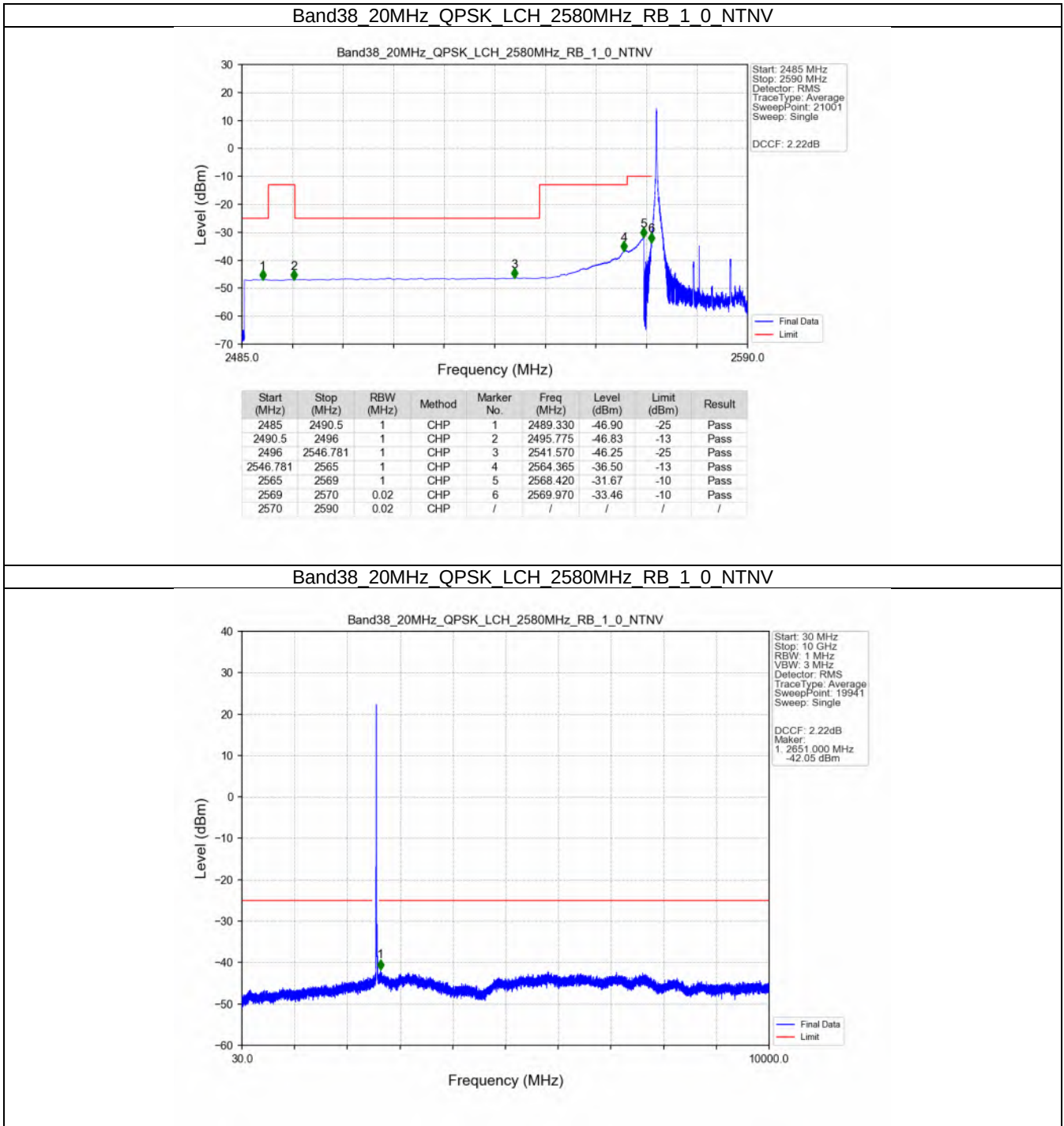
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-31.01	-10	Pass
2621	2625	1	CHP	2	2621.515	-30.53	-10	Pass
2625	2639.741	1	CHP	3	2625.480	-36.79	-13	Pass
2639.741	2640	1	CHP	4	2639.830	-64.01	-25	Pass

Band38 15MHz QPSK HCH 2612.5MHz RB 75 0 NTN

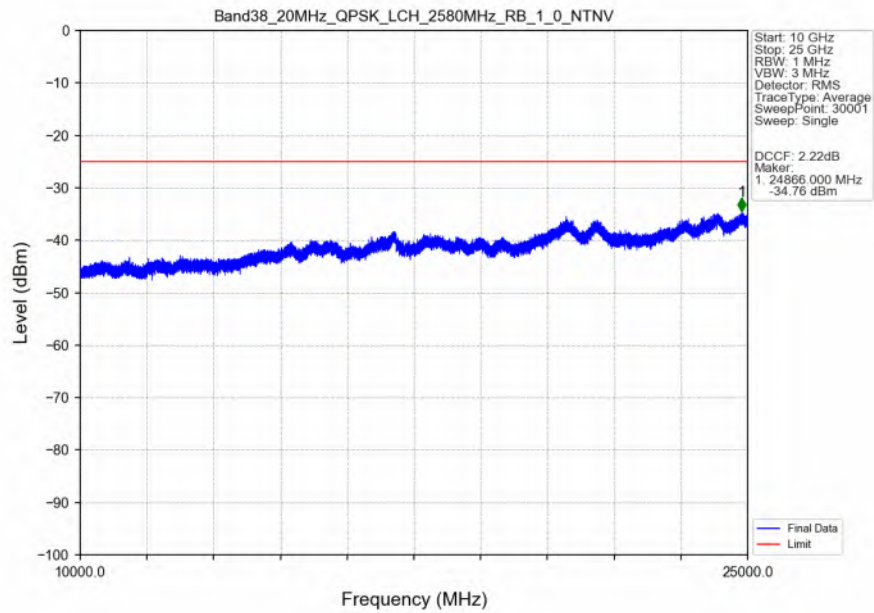


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.395	CHP	/	/	/	/	/
2620	2621	0.395	CHP	1	2620.015	-26.79	-10	Pass
2621	2625	1	CHP	2	2623.025	-24.36	-10	Pass
2625	2639.741	1	CHP	3	2625.895	-25.21	-13	Pass
2639.741	2640	1	CHP	4	2639.860	-44.60	-25	Pass

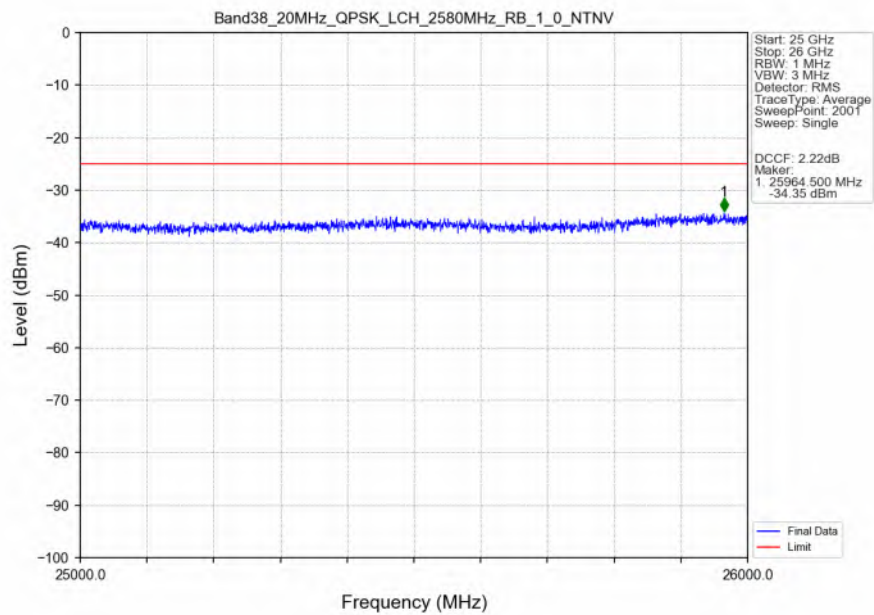
5.2.4 B38_20MHz



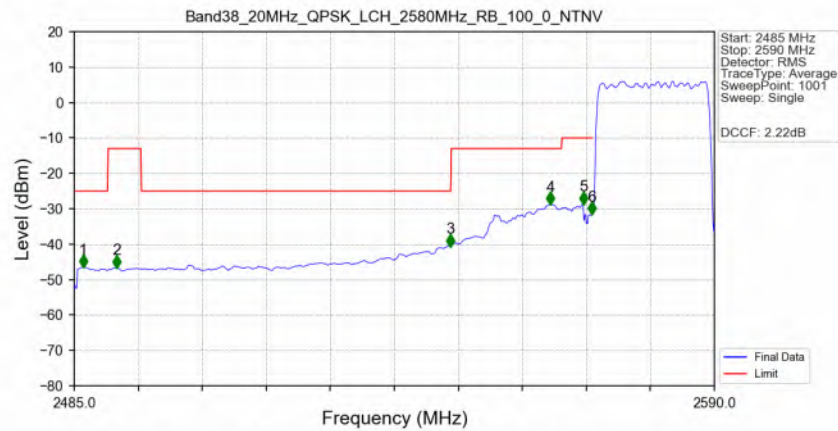
Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTN



Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTN

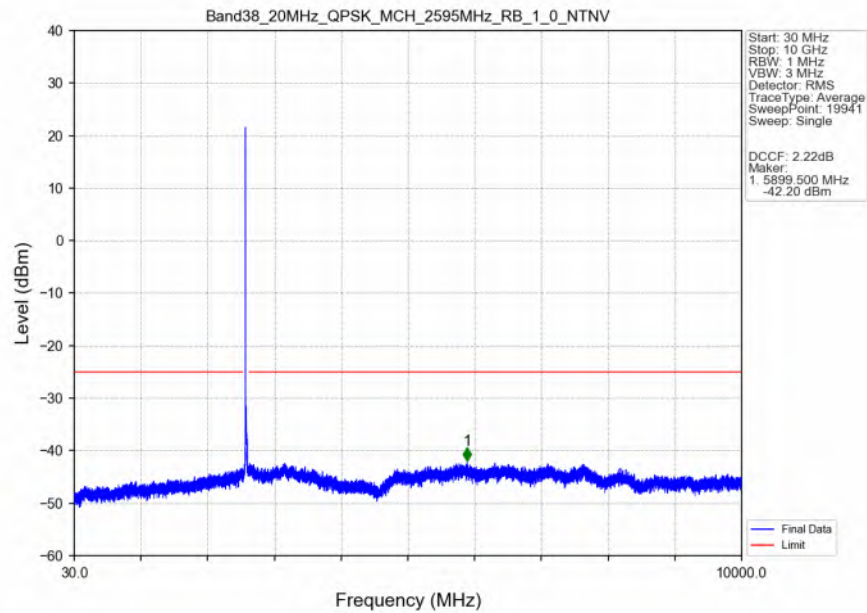


Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTV

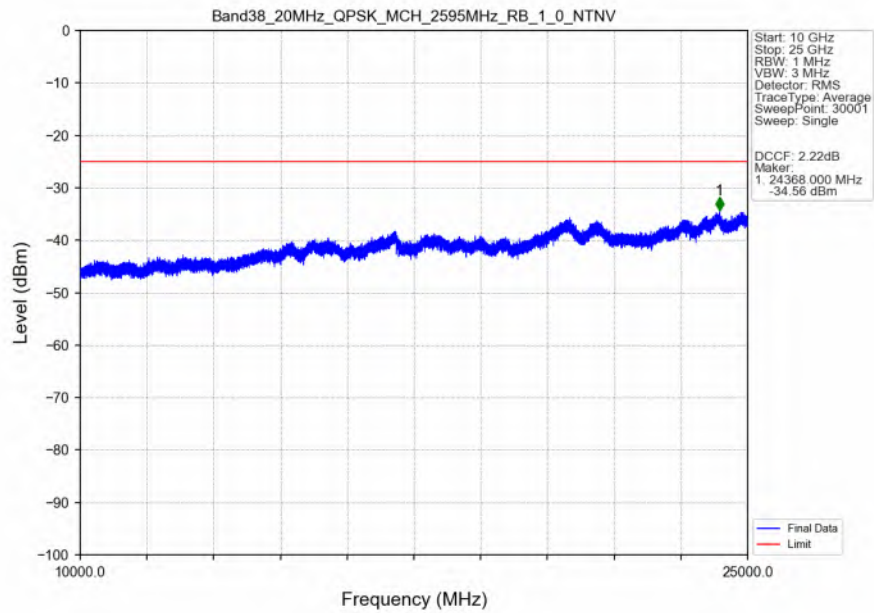


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.470	-46.40	-25	Pass
2490.5	2496	1	CHP	2	2491.930	-46.48	-13	Pass
2496	2546.781	1	CHP	3	2546.635	-40.47	-25	Pass
2546.781	2565	1	CHP	4	2563.120	-28.66	-13	Pass
2565	2569	1	CHP	5	2568.475	-28.53	-10	Pass
2569	2570	0.464	CHP	6	2569.945	-31.46	-10	Pass
2570	2590	0.464	CHP	/	/	/	/	/

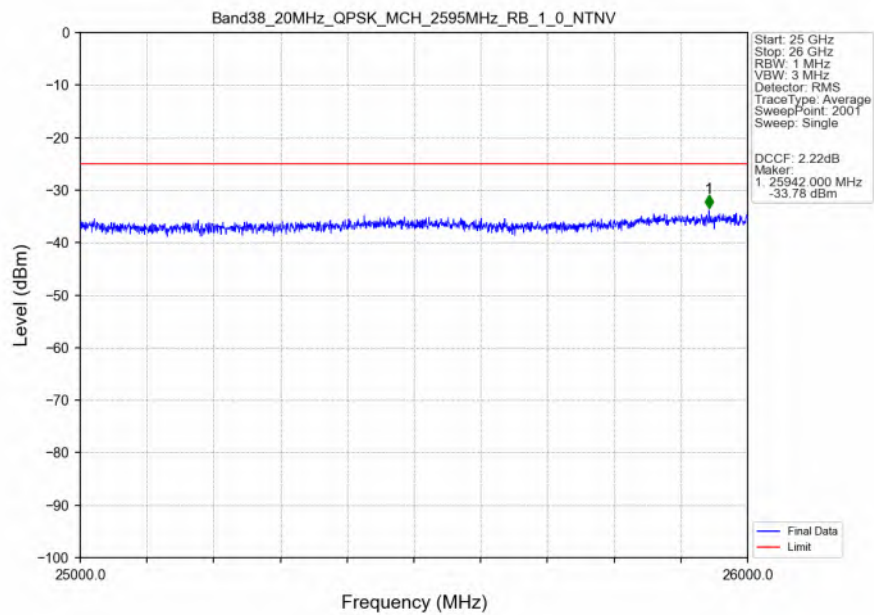
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTV



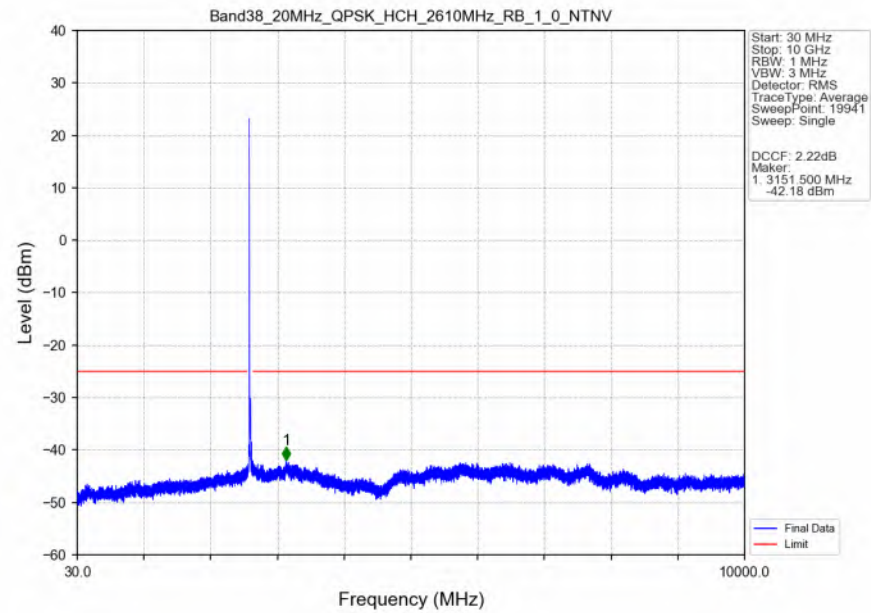
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



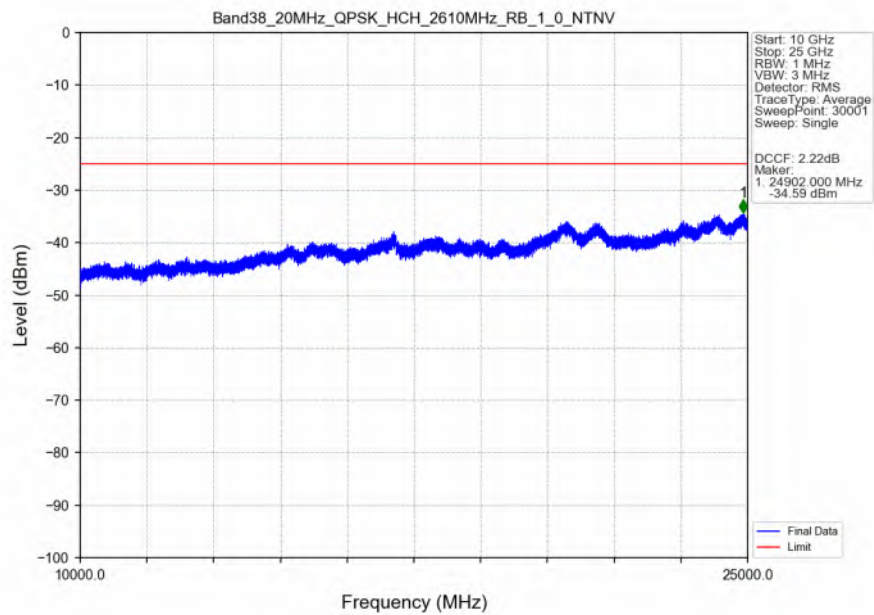
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



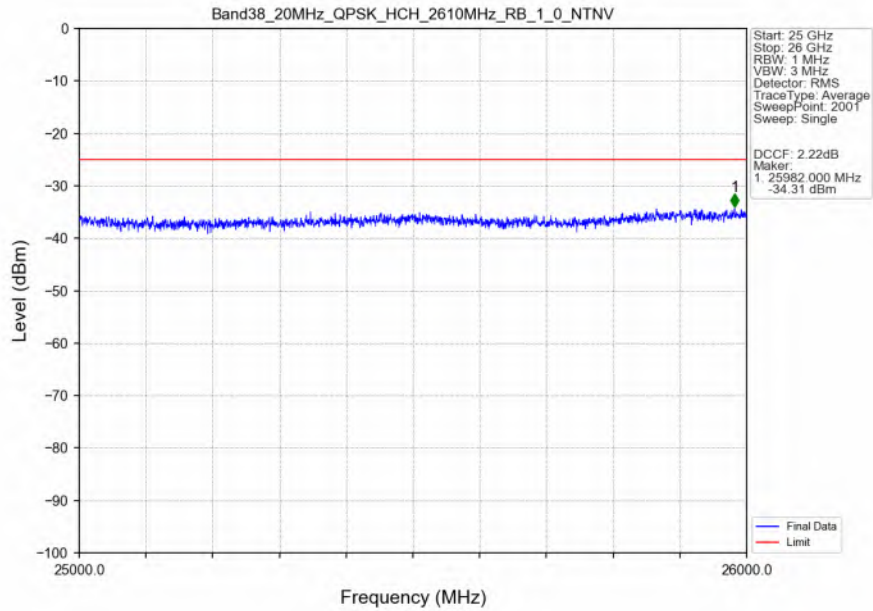
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTN



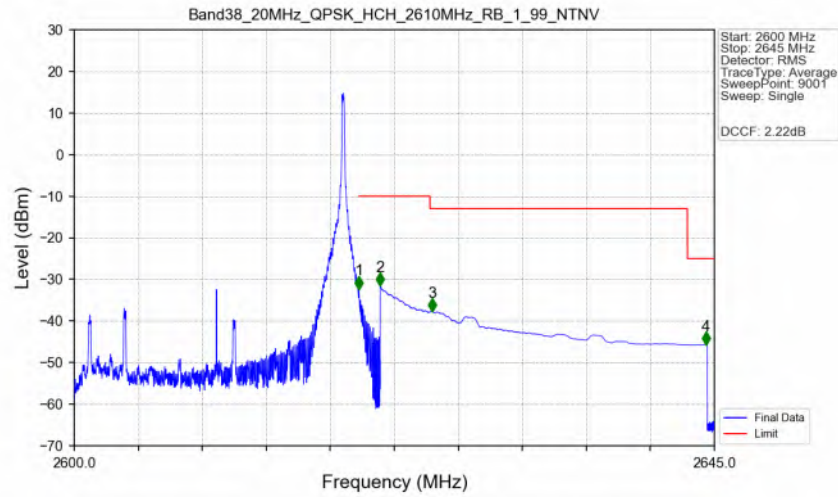
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTN



Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTV

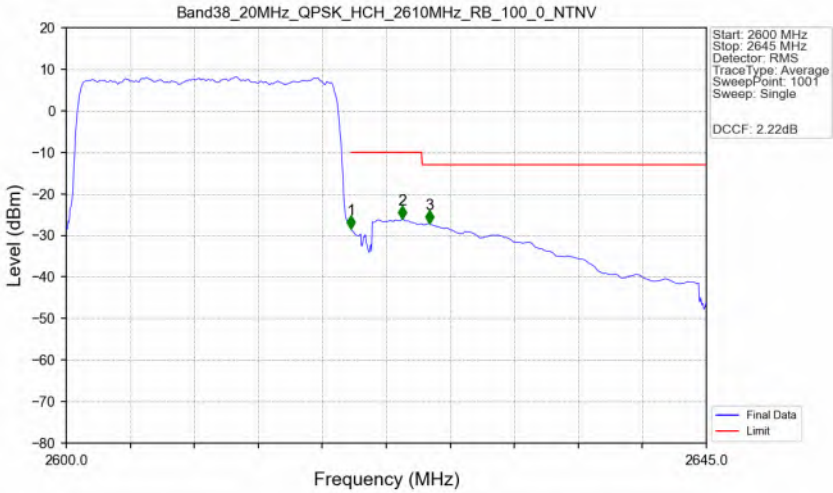


Band38 20MHz QPSK HCH 2610MHz RB 1 99 NTV



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	2620.010	-32.33	-10	Pass
2621	2625	1	CHP	2	2621.500	-31.54	-10	Pass
2625	2643.096	1	CHP	3	2625.150	-37.65	-13	Pass
2643.096	2645	1	CHP	4	2644.410	-45.64	-25	Pass

Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2600	2620	0.526	CHP	/	/	/	/	/
2620	2621	0.526	CHP	1	2620.025	-28.41	-10	Pass
2621	2625	1	CHP	2	2623.625	-26.09	-10	Pass
2625	2645	1	CHP	3	2625.515	-27.15	-13	Pass