

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	23.06	-0.60	22.46	<=33.01	Pass
			13	23.05	-0.60	22.45	<=33.01	Pass
			24	22.98	-0.60	22.38	<=33.01	Pass
		12	0	22.05	-0.60	21.45	<=33.01	Pass
			6	22.09	-0.60	21.49	<=33.01	Pass
			13	22.06	-0.60	21.46	<=33.01	Pass
		25	0	22.07	-0.60	21.47	<=33.01	Pass
	2595	1	0	23.28	-0.60	22.68	<=33.01	Pass
			13	23.37	-0.60	22.77	<=33.01	Pass
			24	23.14	-0.60	22.54	<=33.01	Pass
		12	0	22.23	-0.60	21.63	<=33.01	Pass
			6	22.32	-0.60	21.72	<=33.01	Pass
			13	22.24	-0.60	21.64	<=33.01	Pass
		25	0	22.16	-0.60	21.56	<=33.01	Pass
	2617.5	1	0	23.47	-0.60	22.87	<=33.01	Pass
			13	23.36	-0.60	22.76	<=33.01	Pass
			24	23.25	-0.60	22.65	<=33.01	Pass
		12	0	22.41	-0.60	21.81	<=33.01	Pass
			6	22.35	-0.60	21.75	<=33.01	Pass
			13	22.42	-0.60	21.82	<=33.01	Pass
		25	0	22.42	-0.60	21.82	<=33.01	Pass
16QAM	2572.5	1	0	21.93	-0.60	21.33	<=33.01	Pass
			13	22.03	-0.60	21.43	<=33.01	Pass
			24	21.95	-0.60	21.35	<=33.01	Pass
		12	0	21.13	-0.60	20.53	<=33.01	Pass
			6	21.04	-0.60	20.44	<=33.01	Pass
			13	21.14	-0.60	20.54	<=33.01	Pass
		25	0	21.07	-0.60	20.47	<=33.01	Pass
	2595	1	0	22.23	-0.60	21.63	<=33.01	Pass
			13	22.42	-0.60	21.82	<=33.01	Pass
			24	22.22	-0.60	21.62	<=33.01	Pass
		12	0	21.22	-0.60	20.62	<=33.01	Pass
			6	21.35	-0.60	20.75	<=33.01	Pass
			13	21.23	-0.60	20.63	<=33.01	Pass
		25	0	21.25	-0.60	20.65	<=33.01	Pass
	2617.5	1	0	22.36	-0.60	21.76	<=33.01	Pass
			13	22.35	-0.60	21.75	<=33.01	Pass
			24	22.27	-0.60	21.67	<=33.01	Pass
		12	0	21.44	-0.60	20.84	<=33.01	Pass
			6	21.43	-0.60	20.83	<=33.01	Pass
			13	21.45	-0.60	20.85	<=33.01	Pass
		25	0	21.36	-0.60	20.76	<=33.01	Pass
64QAM	2572.5	1	0	20.97	-0.60	20.37	<=33.01	Pass
			13	21.18	-0.60	20.58	<=33.01	Pass
			24	20.91	-0.60	20.31	<=33.01	Pass
		12	0	20.08	-0.60	19.48	<=33.01	Pass
			6	20.14	-0.60	19.54	<=33.01	Pass
			13	19.99	-0.60	19.39	<=33.01	Pass
		25	0	20.16	-0.60	19.56	<=33.01	Pass

	2595	1	0	21.40	-0.60	20.80	<=33.01	Pass
			13	21.12	-0.60	20.52	<=33.01	Pass
			24	21.12	-0.60	20.52	<=33.01	Pass
		12	0	20.33	-0.60	19.73	<=33.01	Pass
			6	20.31	-0.60	19.71	<=33.01	Pass
			13	20.18	-0.60	19.58	<=33.01	Pass
		25	0	20.19	-0.60	19.59	<=33.01	Pass
	2617.5	1	0	21.27	-0.60	20.67	<=33.01	Pass
			13	21.39	-0.60	20.79	<=33.01	Pass
			24	21.24	-0.60	20.64	<=33.01	Pass
		12	0	20.34	-0.60	19.74	<=33.01	Pass
			6	20.38	-0.60	19.78	<=33.01	Pass
			13	20.33	-0.60	19.73	<=33.01	Pass
		25	0	20.33	-0.60	19.73	<=33.01	Pass
256QAM	2572.5	1	0	18.13	-0.60	17.53	<=33.01	Pass
			13	17.98	-0.60	17.38	<=33.01	Pass
			24	17.94	-0.60	17.34	<=33.01	Pass
		12	0	18.11	-0.60	17.51	<=33.01	Pass
			6	18.03	-0.60	17.43	<=33.01	Pass
			13	18.10	-0.60	17.50	<=33.01	Pass
		25	0	18.06	-0.60	17.46	<=33.01	Pass
	2595	1	0	18.24	-0.60	17.64	<=33.01	Pass
			13	18.29	-0.60	17.69	<=33.01	Pass
			24	18.10	-0.60	17.50	<=33.01	Pass
		12	0	18.21	-0.60	17.61	<=33.01	Pass
			6	18.25	-0.60	17.65	<=33.01	Pass
			13	18.10	-0.60	17.50	<=33.01	Pass
		25	0	18.18	-0.60	17.58	<=33.01	Pass
	2617.5	1	0	18.29	-0.60	17.69	<=33.01	Pass
			13	18.46	-0.60	17.86	<=33.01	Pass
			24	18.25	-0.60	17.65	<=33.01	Pass
		12	0	18.32	-0.60	17.72	<=33.01	Pass
			6	18.42	-0.60	17.82	<=33.01	Pass
			13	18.26	-0.60	17.66	<=33.01	Pass
		25	0	18.37	-0.60	17.77	<=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	23.10	-0.60	22.50	<=33.01	Pass
			25	23.10	-0.60	22.50	<=33.01	Pass
			49	23.11	-0.60	22.51	<=33.01	Pass
		25	0	22.17	-0.60	21.57	<=33.01	Pass
			13	22.19	-0.60	21.59	<=33.01	Pass
			25	22.11	-0.60	21.51	<=33.01	Pass
		50	0	22.17	-0.60	21.57	<=33.01	Pass
	2595	1	0	23.25	-0.60	22.65	<=33.01	Pass
			25	23.39	-0.60	22.79	<=33.01	Pass
			49	23.19	-0.60	22.59	<=33.01	Pass
		25	0	22.21	-0.60	21.61	<=33.01	Pass
			13	22.24	-0.60	21.64	<=33.01	Pass
			25	22.19	-0.60	21.59	<=33.01	Pass
	2615	1	0	22.31	-0.60	21.71	<=33.01	Pass

		25	25	23.35	-0.60	22.75	<=33.01	Pass
			49	23.33	-0.60	22.73	<=33.01	Pass
			0	22.42	-0.60	21.82	<=33.01	Pass
			13	22.47	-0.60	21.87	<=33.01	Pass
			25	22.39	-0.60	21.79	<=33.01	Pass
		50	0	22.37	-0.60	21.77	<=33.01	Pass
16QAM	2575	1	0	22.15	-0.60	21.55	<=33.01	Pass
			25	22.16	-0.60	21.56	<=33.01	Pass
			49	22.10	-0.60	21.50	<=33.01	Pass
		25	0	21.15	-0.60	20.55	<=33.01	Pass
			13	21.22	-0.60	20.62	<=33.01	Pass
			25	21.19	-0.60	20.59	<=33.01	Pass
		50	0	21.21	-0.60	20.61	<=33.01	Pass
	2595	1	0	22.29	-0.60	21.69	<=33.01	Pass
			25	22.23	-0.60	21.63	<=33.01	Pass
			49	22.23	-0.60	21.63	<=33.01	Pass
		25	0	21.21	-0.60	20.61	<=33.01	Pass
			13	21.24	-0.60	20.64	<=33.01	Pass
			25	21.24	-0.60	20.64	<=33.01	Pass
		50	0	21.30	-0.60	20.70	<=33.01	Pass
	2615	1	0	22.33	-0.60	21.73	<=33.01	Pass
			25	22.50	-0.60	21.90	<=33.01	Pass
			49	22.34	-0.60	21.74	<=33.01	Pass
		25	0	21.36	-0.60	20.76	<=33.01	Pass
			13	21.46	-0.60	20.86	<=33.01	Pass
			25	21.36	-0.60	20.76	<=33.01	Pass
		50	0	21.45	-0.60	20.85	<=33.01	Pass
64QAM	2575	1	0	21.02	-0.60	20.42	<=33.01	Pass
			25	21.06	-0.60	20.46	<=33.01	Pass
			49	21.15	-0.60	20.55	<=33.01	Pass
		25	0	20.23	-0.60	19.63	<=33.01	Pass
			13	20.23	-0.60	19.63	<=33.01	Pass
			25	20.18	-0.60	19.58	<=33.01	Pass
		50	0	20.09	-0.60	19.49	<=33.01	Pass
	2595	1	0	21.28	-0.60	20.68	<=33.01	Pass
			25	21.34	-0.60	20.74	<=33.01	Pass
			49	21.24	-0.60	20.64	<=33.01	Pass
		25	0	20.30	-0.60	19.70	<=33.01	Pass
			13	20.20	-0.60	19.60	<=33.01	Pass
			25	20.15	-0.60	19.55	<=33.01	Pass
		50	0	20.26	-0.60	19.66	<=33.01	Pass
	2615	1	0	21.27	-0.60	20.67	<=33.01	Pass
			25	21.46	-0.60	20.86	<=33.01	Pass
			49	21.42	-0.60	20.82	<=33.01	Pass
		25	0	20.42	-0.60	19.82	<=33.01	Pass
			13	20.50	-0.60	19.90	<=33.01	Pass
			25	20.39	-0.60	19.79	<=33.01	Pass
		50	0	20.46	-0.60	19.86	<=33.01	Pass
256QAM	2575	1	0	17.98	-0.60	17.38	<=33.01	Pass
			25	18.13	-0.60	17.53	<=33.01	Pass
			49	18.11	-0.60	17.51	<=33.01	Pass
		25	0	18.10	-0.60	17.50	<=33.01	Pass
			13	18.12	-0.60	17.52	<=33.01	Pass
			25	18.13	-0.60	17.53	<=33.01	Pass
		50	0	18.15	-0.60	17.55	<=33.01	Pass
	2595	1	0	18.05	-0.60	17.45	<=33.01	Pass
			25	18.19	-0.60	17.59	<=33.01	Pass
			49	18.09	-0.60	17.49	<=33.01	Pass
		25	0	18.24	-0.60	17.64	<=33.01	Pass

			13	18.27	-0.60	17.67	<=33.01	Pass
			25	18.12	-0.60	17.52	<=33.01	Pass
		50	0	18.22	-0.60	17.62	<=33.01	Pass
	2615	1	0	18.30	-0.60	17.70	<=33.01	Pass
			25	18.40	-0.60	17.80	<=33.01	Pass
			49	18.33	-0.60	17.73	<=33.01	Pass
		25	0	18.28	-0.60	17.68	<=33.01	Pass
			13	18.33	-0.60	17.73	<=33.01	Pass
			25	18.30	-0.60	17.70	<=33.01	Pass
		50	0	18.37	-0.60	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	22.89	-0.60	22.29	<=33.01	Pass
			38	22.92	-0.60	22.32	<=33.01	Pass
			74	22.94	-0.60	22.34	<=33.01	Pass
		36	0	21.99	-0.60	21.39	<=33.01	Pass
			18	21.99	-0.60	21.39	<=33.01	Pass
			39	22.08	-0.60	21.48	<=33.01	Pass
		75	0	22.08	-0.60	21.48	<=33.01	Pass
	2595	1	0	23.09	-0.60	22.49	<=33.01	Pass
			38	23.07	-0.60	22.47	<=33.01	Pass
			74	22.99	-0.60	22.39	<=33.01	Pass
		36	0	22.09	-0.60	21.49	<=33.01	Pass
			18	22.03	-0.60	21.43	<=33.01	Pass
			39	22.12	-0.60	21.52	<=33.01	Pass
		75	0	22.07	-0.60	21.47	<=33.01	Pass
	2612.5	1	0	23.02	-0.60	22.42	<=33.01	Pass
			38	23.21	-0.60	22.61	<=33.01	Pass
			74	23.12	-0.60	22.52	<=33.01	Pass
		36	0	22.16	-0.60	21.56	<=33.01	Pass
			18	22.23	-0.60	21.63	<=33.01	Pass
			39	22.32	-0.60	21.72	<=33.01	Pass
		75	0	22.27	-0.60	21.67	<=33.01	Pass
16QAM	2577.5	1	0	21.91	-0.60	21.31	<=33.01	Pass
			38	21.87	-0.60	21.27	<=33.01	Pass
			74	21.92	-0.60	21.32	<=33.01	Pass
		36	0	20.97	-0.60	20.37	<=33.01	Pass
			18	20.95	-0.60	20.35	<=33.01	Pass
			39	21.05	-0.60	20.45	<=33.01	Pass
		75	0	20.98	-0.60	20.38	<=33.01	Pass
	2595	1	0	22.02	-0.60	21.42	<=33.01	Pass
			38	21.98	-0.60	21.38	<=33.01	Pass
			74	21.83	-0.60	21.23	<=33.01	Pass
		36	0	21.06	-0.60	20.46	<=33.01	Pass
			18	21.06	-0.60	20.46	<=33.01	Pass
			39	20.99	-0.60	20.39	<=33.01	Pass
		75	0	21.12	-0.60	20.52	<=33.01	Pass
	2612.5	1	0	21.91	-0.60	21.31	<=33.01	Pass
			38	22.08	-0.60	21.48	<=33.01	Pass
			74	22.14	-0.60	21.54	<=33.01	Pass
		36	0	21.17	-0.60	20.57	<=33.01	Pass
			18	21.27	-0.60	20.67	<=33.01	Pass

			39	21.33	-0.60	20.73	<=33.01	Pass	
		75	0	21.28	-0.60	20.68	<=33.01	Pass	
64QAM	2577.5	1	0	20.83	-0.60	20.23	<=33.01	Pass	
			38	20.97	-0.60	20.37	<=33.01	Pass	
			74	20.93	-0.60	20.33	<=33.01	Pass	
			0	19.97	-0.60	19.37	<=33.01	Pass	
		36	18	19.96	-0.60	19.36	<=33.01	Pass	
			39	19.94	-0.60	19.34	<=33.01	Pass	
			75	0	19.99	-0.60	19.39	<=33.01	Pass
		2595	1	0	21.15	-0.60	20.55	<=33.01	Pass
				38	21.12	-0.60	20.52	<=33.01	Pass
				74	21.00	-0.60	20.40	<=33.01	Pass
	0			20.14	-0.60	19.54	<=33.01	Pass	
	36		18	20.07	-0.60	19.47	<=33.01	Pass	
			39	20.09	-0.60	19.49	<=33.01	Pass	
			75	0	20.01	-0.60	19.41	<=33.01	Pass
	2612.5		1	0	21.08	-0.60	20.48	<=33.01	Pass
		38		21.05	-0.60	20.45	<=33.01	Pass	
		74		21.06	-0.60	20.46	<=33.01	Pass	
		0		20.12	-0.60	19.52	<=33.01	Pass	
		36	18	20.30	-0.60	19.70	<=33.01	Pass	
			39	20.23	-0.60	19.63	<=33.01	Pass	
			75	0	20.29	-0.60	19.69	<=33.01	Pass
		256QAM	2577.5	1	0	17.83	-0.60	17.23	<=33.01
	38				17.93	-0.60	17.33	<=33.01	Pass
74	18.01				-0.60	17.41	<=33.01	Pass	
36	0			17.92	-0.60	17.32	<=33.01	Pass	
	18			17.96	-0.60	17.36	<=33.01	Pass	
	39			18.00	-0.60	17.40	<=33.01	Pass	
75	0			18.00	-0.60	17.40	<=33.01	Pass	
2595	1		0	17.90	-0.60	17.30	<=33.01	Pass	
			38	18.02	-0.60	17.42	<=33.01	Pass	
			74	17.85	-0.60	17.25	<=33.01	Pass	
	36		0	18.04	-0.60	17.44	<=33.01	Pass	
			18	18.06	-0.60	17.46	<=33.01	Pass	
			39	18.03	-0.60	17.43	<=33.01	Pass	
2612.5	1		0	17.93	-0.60	17.33	<=33.01	Pass	
			38	18.06	-0.60	17.46	<=33.01	Pass	
			74	17.98	-0.60	17.38	<=33.01	Pass	
	36		0	18.06	-0.60	17.46	<=33.01	Pass	
			18	18.11	-0.60	17.51	<=33.01	Pass	
			39	18.18	-0.60	17.58	<=33.01	Pass	
	75		0	18.13	-0.60	17.53	<=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	22.95	-0.60	22.35	<=33.01	Pass
			50	22.88	-0.60	22.28	<=33.01	Pass
			99	23.07	-0.60	22.47	<=33.01	Pass
		50	0	21.98	-0.60	21.38	<=33.01	Pass
			25	22.10	-0.60	21.50	<=33.01	Pass
			50	22.15	-0.60	21.55	<=33.01	Pass

		100	0	22.03	-0.60	21.43	<=33.01	Pass	
		2595	1	0	22.99	-0.60	22.39	<=33.01	Pass
				50	23.07	-0.60	22.47	<=33.01	Pass
				99	22.89	-0.60	22.29	<=33.01	Pass
			50	0	22.14	-0.60	21.54	<=33.01	Pass
				25	22.06	-0.60	21.46	<=33.01	Pass
				50	22.12	-0.60	21.52	<=33.01	Pass
		100	0	22.12	-0.60	21.52	<=33.01	Pass	
		2610	1	0	22.97	-0.60	22.37	<=33.01	Pass
				50	23.18	-0.60	22.58	<=33.01	Pass
				99	23.09	-0.60	22.49	<=33.01	Pass
			50	0	22.12	-0.60	21.52	<=33.01	Pass
				25	22.26	-0.60	21.66	<=33.01	Pass
				50	22.11	-0.60	21.51	<=33.01	Pass
		100	0	22.25	-0.60	21.65	<=33.01	Pass	
		16QAM	2580	1	0	21.87	-0.60	21.27	<=33.01
50	21.93				-0.60	21.33	<=33.01	Pass	
99	22.02				-0.60	21.42	<=33.01	Pass	
50	0			21.03	-0.60	20.43	<=33.01	Pass	
	25			21.11	-0.60	20.51	<=33.01	Pass	
	50			21.10	-0.60	20.50	<=33.01	Pass	
100	0			21.08	-0.60	20.48	<=33.01	Pass	
2595	1		0	21.96	-0.60	21.36	<=33.01	Pass	
			50	21.99	-0.60	21.39	<=33.01	Pass	
			99	21.89	-0.60	21.29	<=33.01	Pass	
	50		0	21.02	-0.60	20.42	<=33.01	Pass	
			25	21.06	-0.60	20.46	<=33.01	Pass	
			50	21.01	-0.60	20.41	<=33.01	Pass	
100	0		21.03	-0.60	20.43	<=33.01	Pass		
2610	1		0	22.06	-0.60	21.46	<=33.01	Pass	
			50	22.20	-0.60	21.60	<=33.01	Pass	
			99	22.08	-0.60	21.48	<=33.01	Pass	
	50		0	21.10	-0.60	20.50	<=33.01	Pass	
			25	21.25	-0.60	20.65	<=33.01	Pass	
			50	21.17	-0.60	20.57	<=33.01	Pass	
	100		0	21.26	-0.60	20.66	<=33.01	Pass	
64QAM	2580		1	0	20.96	-0.60	20.36	<=33.01	Pass
		50		20.90	-0.60	20.30	<=33.01	Pass	
		99		21.05	-0.60	20.45	<=33.01	Pass	
		50	0	20.06	-0.60	19.46	<=33.01	Pass	
			25	20.10	-0.60	19.50	<=33.01	Pass	
			50	20.08	-0.60	19.48	<=33.01	Pass	
		100	0	20.06	-0.60	19.46	<=33.01	Pass	
	2595	1	0	21.09	-0.60	20.49	<=33.01	Pass	
			50	21.15	-0.60	20.55	<=33.01	Pass	
			99	20.88	-0.60	20.28	<=33.01	Pass	
		50	0	20.11	-0.60	19.51	<=33.01	Pass	
			25	20.17	-0.60	19.57	<=33.01	Pass	
			50	20.03	-0.60	19.43	<=33.01	Pass	
	100	0	20.08	-0.60	19.48	<=33.01	Pass		
	2610	1	0	21.01	-0.60	20.41	<=33.01	Pass	
			50	21.36	-0.60	20.76	<=33.01	Pass	
99			20.99	-0.60	20.39	<=33.01	Pass		
50		0	20.19	-0.60	19.59	<=33.01	Pass		
		25	20.20	-0.60	19.60	<=33.01	Pass		
		50	20.22	-0.60	19.62	<=33.01	Pass		
100	0	20.17	-0.60	19.57	<=33.01	Pass			
256QAM	2580	1	0	17.88	-0.60	17.28	<=33.01	Pass	
			50	17.86	-0.60	17.26	<=33.01	Pass	

			99	18.11	-0.60	17.51	<=33.01	Pass
		50	0	17.99	-0.60	17.39	<=33.01	Pass
			25	18.00	-0.60	17.40	<=33.01	Pass
			50	18.02	-0.60	17.42	<=33.01	Pass
		100	0	17.96	-0.60	17.36	<=33.01	Pass
	2595	1	0	17.93	-0.60	17.33	<=33.01	Pass
			50	18.10	-0.60	17.50	<=33.01	Pass
			99	17.94	-0.60	17.34	<=33.01	Pass
		50	0	18.05	-0.60	17.45	<=33.01	Pass
			25	18.00	-0.60	17.40	<=33.01	Pass
			50	18.07	-0.60	17.47	<=33.01	Pass
		100	0	18.00	-0.60	17.40	<=33.01	Pass
		2610	1	0	18.01	-0.60	17.41	<=33.01
	50			18.10	-0.60	17.50	<=33.01	Pass
	99			18.07	-0.60	17.47	<=33.01	Pass
	50		0	18.09	-0.60	17.49	<=33.01	Pass
			25	18.09	-0.60	17.49	<=33.01	Pass
			50	18.17	-0.60	17.57	<=33.01	Pass
	100		0	18.09	-0.60	17.49	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B38_10MHz

Band: 38 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2595	50	0	20	LV	-2.622	-0.0010	-2.5 to 2.5	Pass
					NV	-0.831	-0.0003	-2.5 to 2.5	Pass
					HV	-2.351	-0.0009	-2.5 to 2.5	Pass
				-30	NV	-0.782	-0.0003	-2.5 to 2.5	Pass
				-20	NV	-1.312	-0.0005	-2.5 to 2.5	Pass
				-10	NV	-2.047	-0.0008	-2.5 to 2.5	Pass
				0	NV	-1.572	-0.0006	-2.5 to 2.5	Pass
				10	NV	-2.903	-0.0011	-2.5 to 2.5	Pass
				30	NV	-2.405	-0.0009	-2.5 to 2.5	Pass
				40	NV	-1.610	-0.0006	-2.5 to 2.5	Pass
				50	NV	-1.834	-0.0007	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band38_OBW

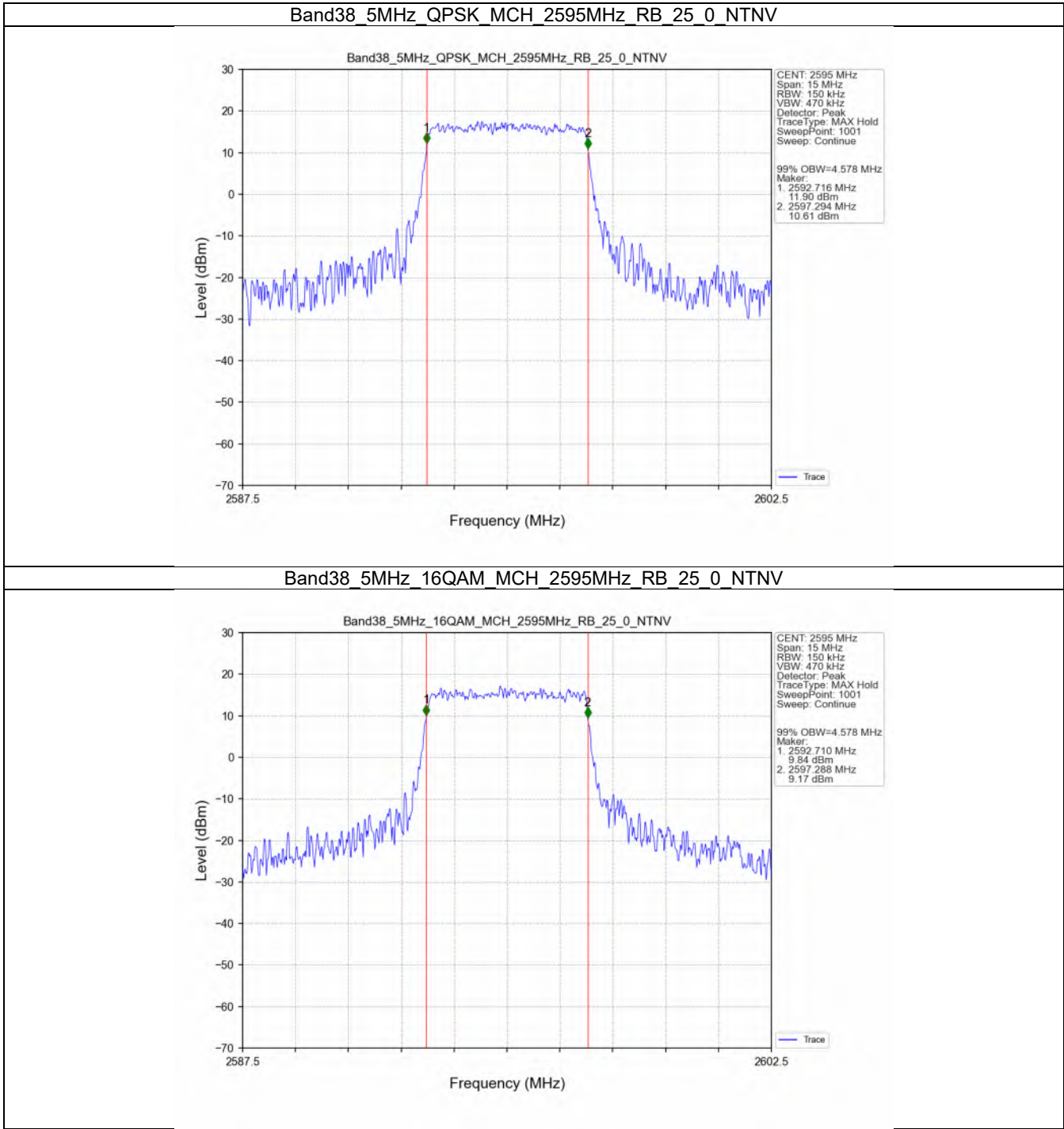
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	4.578	/	Pass
	16QAM	2595	25	0	4.578	/	Pass
	64QAM	2595	25	0	4.585	/	Pass
	256QAM	2595	25	0	4.568	/	Pass
10	QPSK	2595	50	0	9.112	/	Pass
	16QAM	2595	50	0	9.119	/	Pass
	64QAM	2595	50	0	9.098	/	Pass
	256QAM	2595	50	0	9.073	/	Pass
15	QPSK	2595	75	0	13.628	/	Pass
	16QAM	2595	75	0	13.651	/	Pass
	64QAM	2595	75	0	13.633	/	Pass
	256QAM	2595	75	0	13.673	/	Pass
20	QPSK	2595	100	0	18.188	/	Pass
	16QAM	2595	100	0	18.218	/	Pass
	64QAM	2595	100	0	18.194	/	Pass
	256QAM	2595	100	0	18.154	/	Pass

3.1.2 Band38_XDB

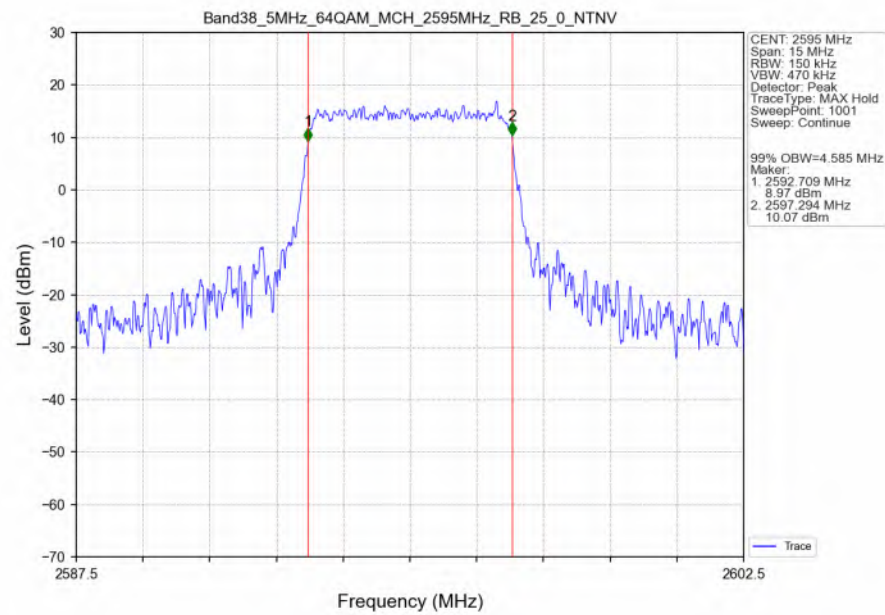
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	5.946	/	Pass
	16QAM	2595	25	0	5.530	/	Pass
	64QAM	2595	25	0	5.302	/	Pass
	256QAM	2595	25	0	5.482	/	Pass
10	QPSK	2595	50	0	10.783	/	Pass
	16QAM	2595	50	0	11.057	/	Pass
	64QAM	2595	50	0	10.356	/	Pass
	256QAM	2595	50	0	10.393	/	Pass
15	QPSK	2595	75	0	16.029	/	Pass
	16QAM	2595	75	0	16.189	/	Pass
	64QAM	2595	75	0	17.963	/	Pass
	256QAM	2595	75	0	17.550	/	Pass
20	QPSK	2595	100	0	21.103	/	Pass
	16QAM	2595	100	0	21.668	/	Pass
	64QAM	2595	100	0	22.074	/	Pass
	256QAM	2595	100	0	21.109	/	Pass

3.2 Test Graph

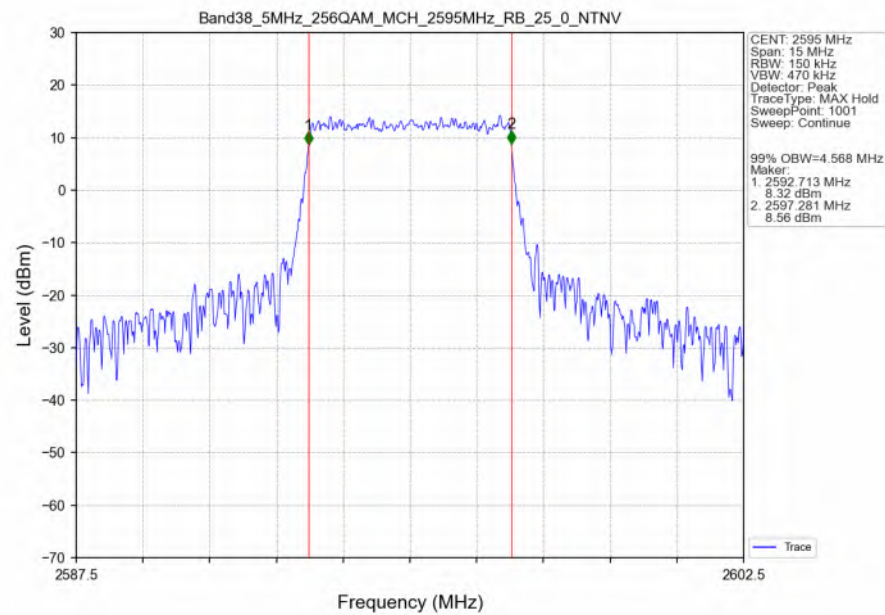
3.2.1 Band38_OBW



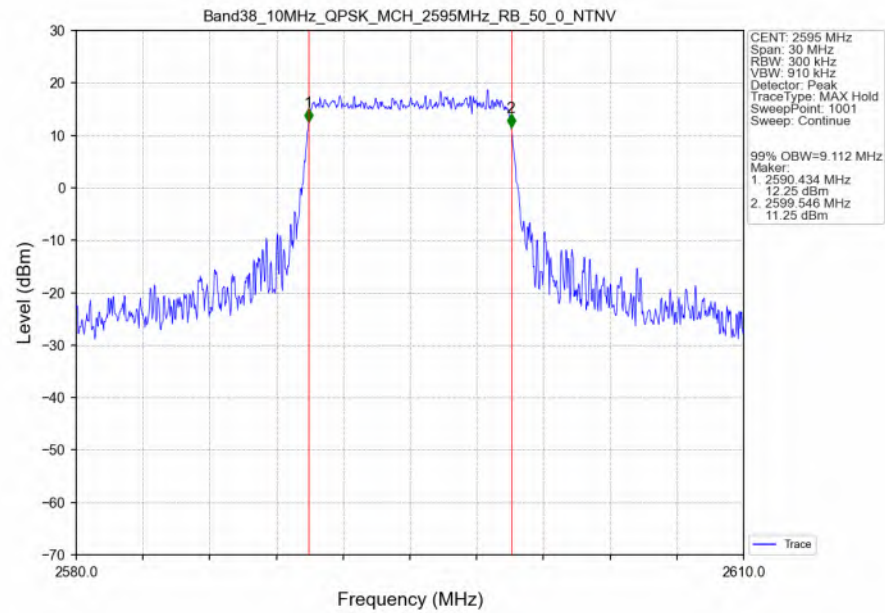
Band38 5MHz 64QAM MCH 2595MHz RB 25 0 NTN



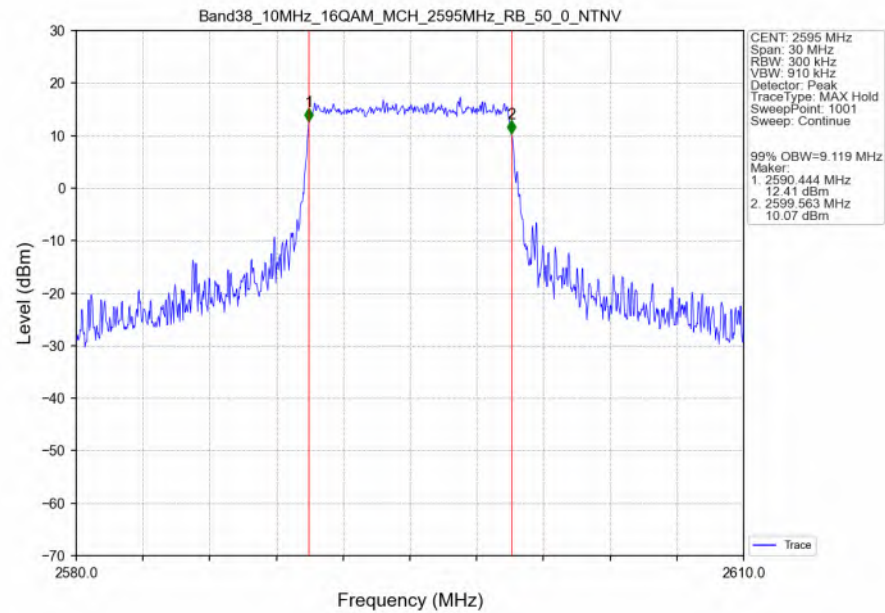
Band38 5MHz 256QAM MCH 2595MHz RB 25 0 NTN



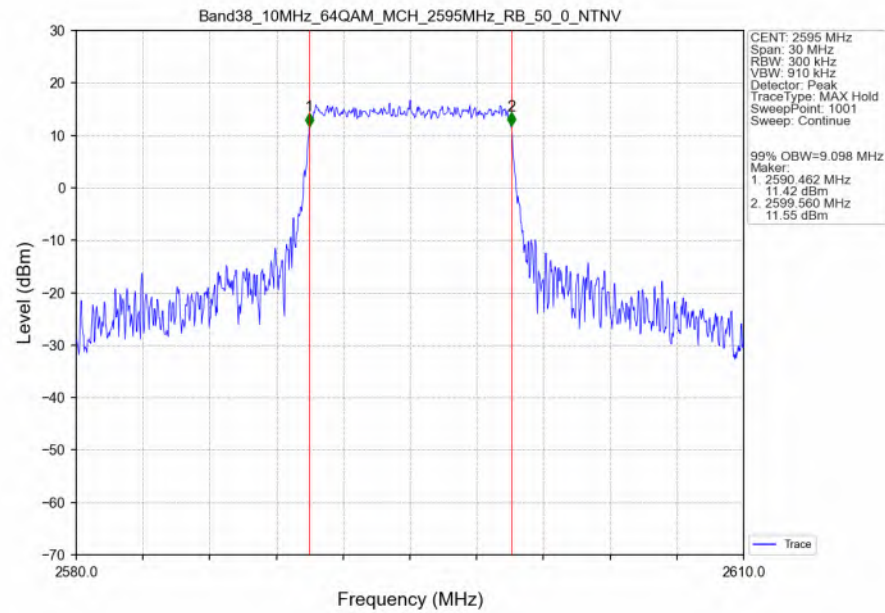
Band38 10MHz QPSK MCH 2595MHz RB 50 0 NTV



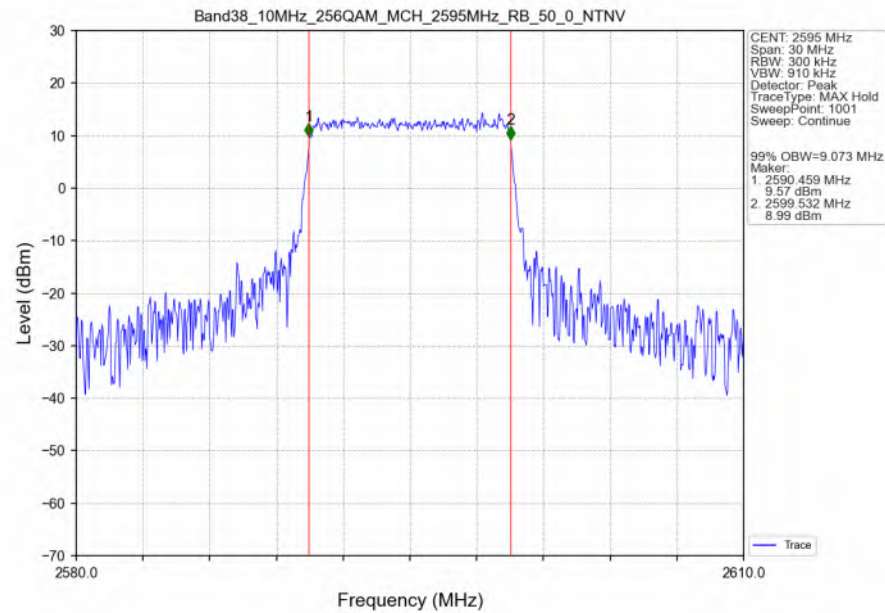
Band38 10MHz 16QAM MCH 2595MHz RB 50 0 NTV



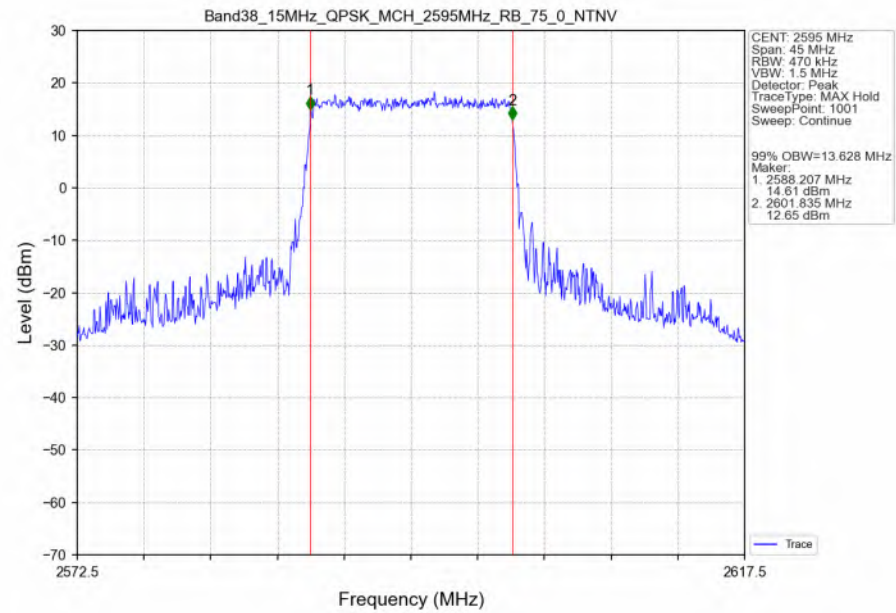
Band38 10MHz 64QAM MCH 2595MHz RB 50 0 NTV



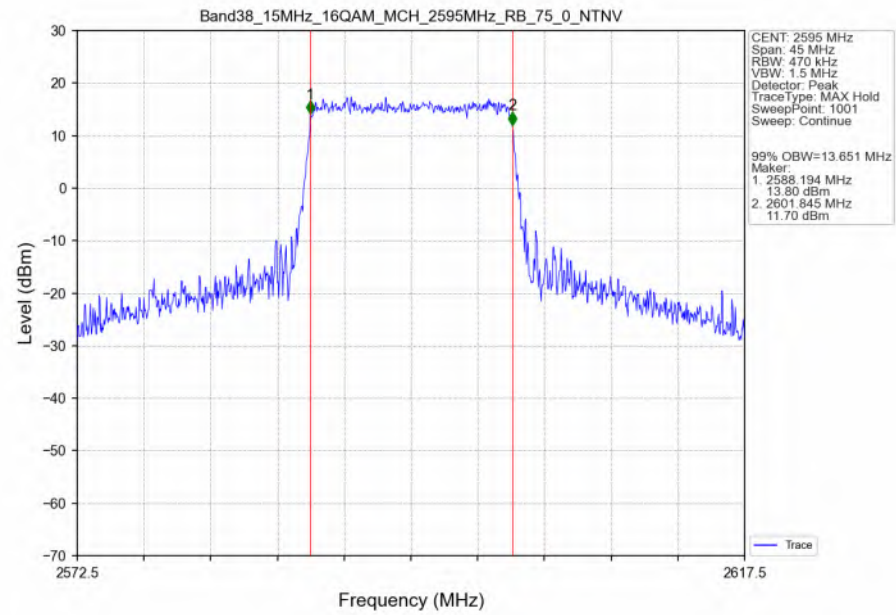
Band38 10MHz 256QAM MCH 2595MHz RB 50 0 NTV



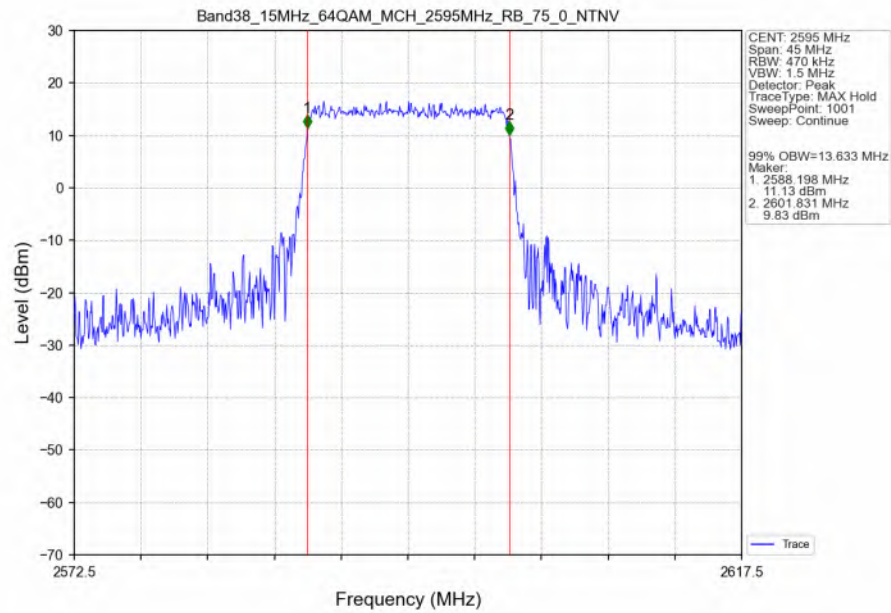
Band38 15MHz QPSK MCH 2595MHz RB 75 0 NTV



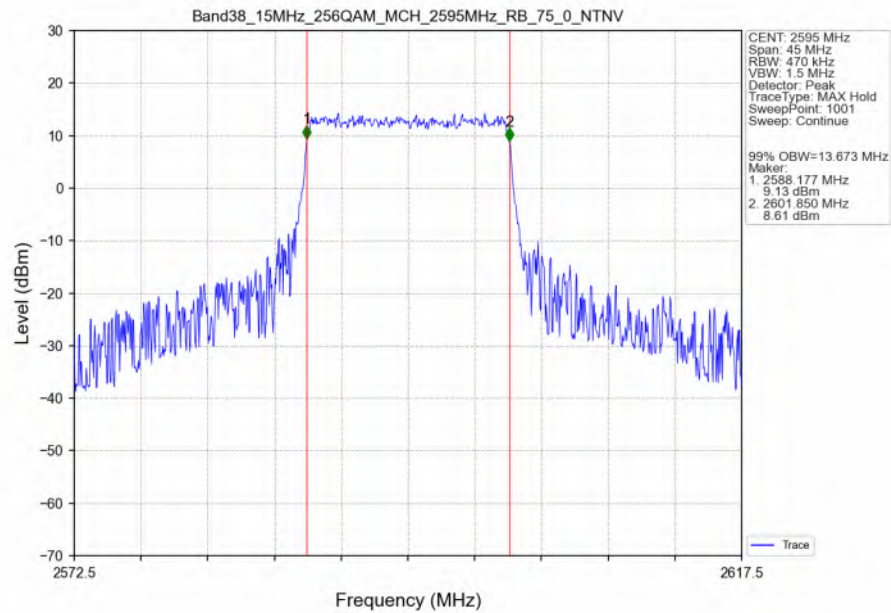
Band38 15MHz 16QAM MCH 2595MHz RB 75 0 NTV



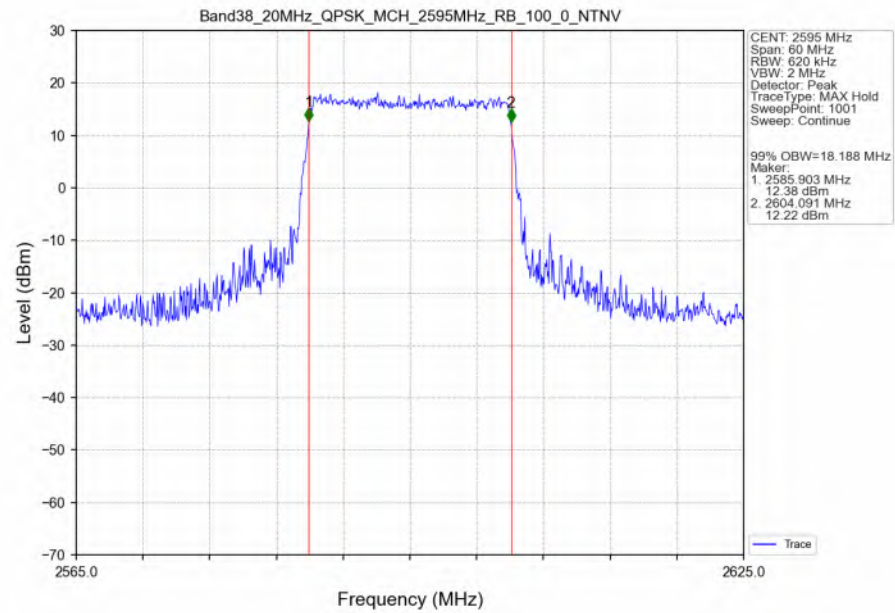
Band38 15MHz 64QAM MCH 2595MHz RB 75 0 NTNV



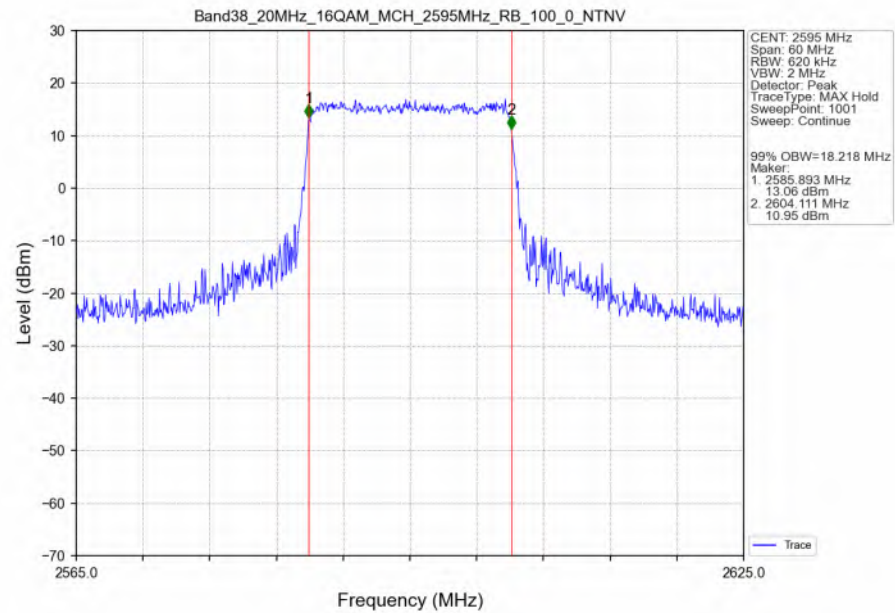
Band38 15MHz 256QAM MCH 2595MHz RB 75 0 NTNV



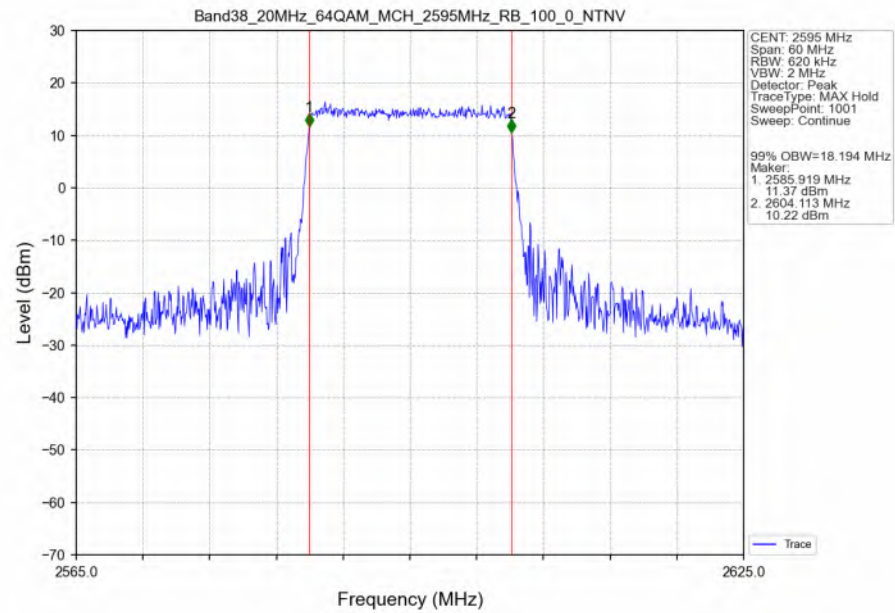
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTV



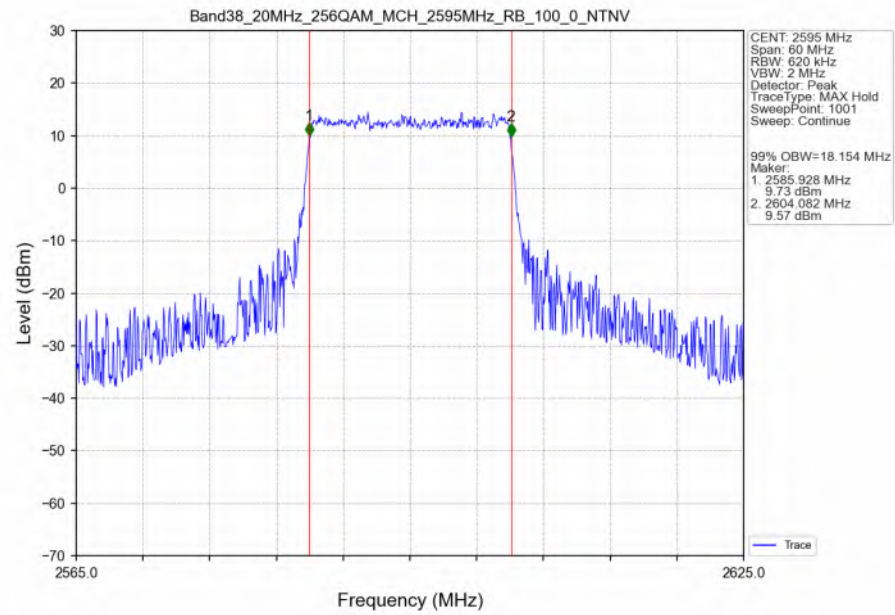
Band38 20MHz 16QAM MCH 2595MHz RB 100 0 NTV



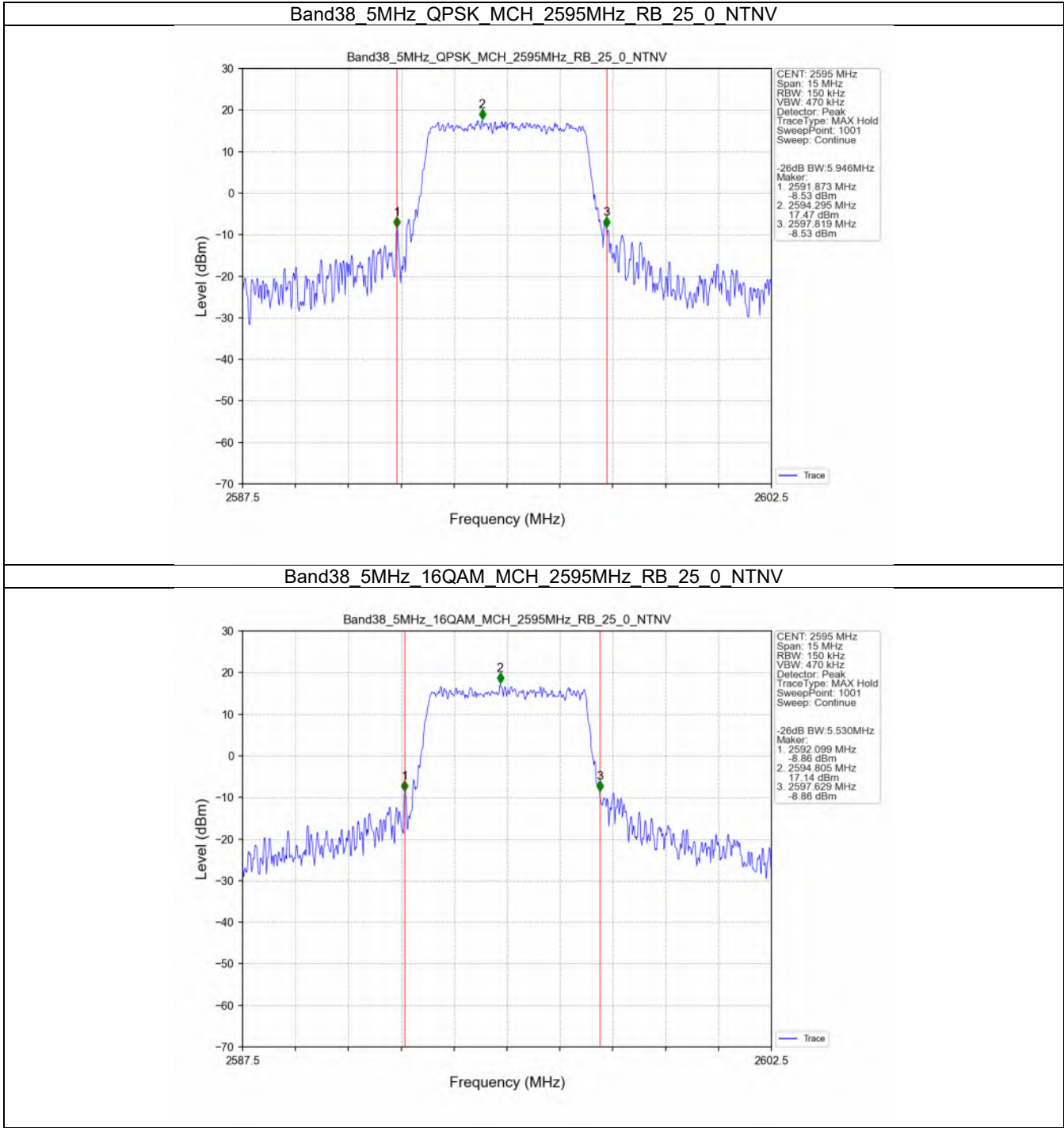
Band38 20MHz 64QAM MCH 2595MHz RB 100 0 NTN



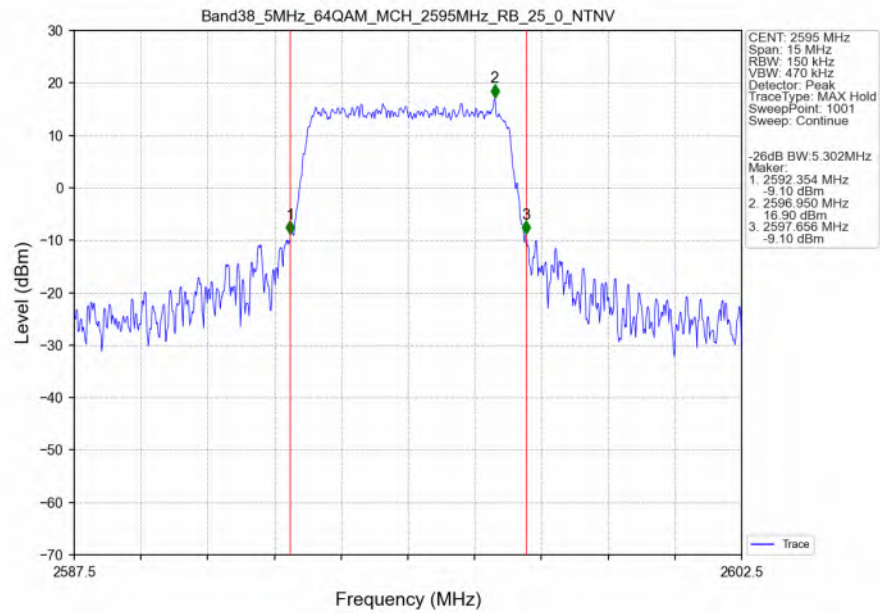
Band38 20MHz 256QAM MCH 2595MHz RB 100 0 NTN



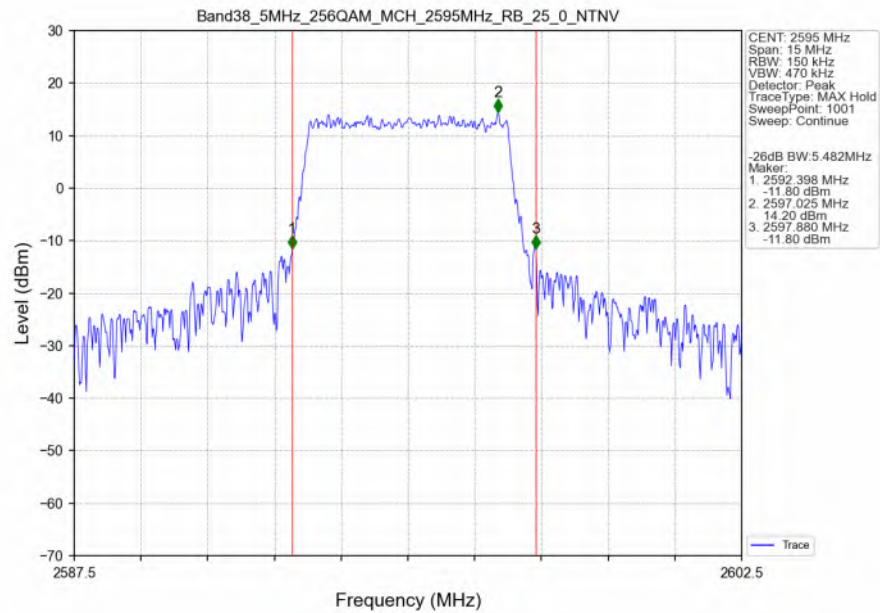
3.2.2 Band38_XDB



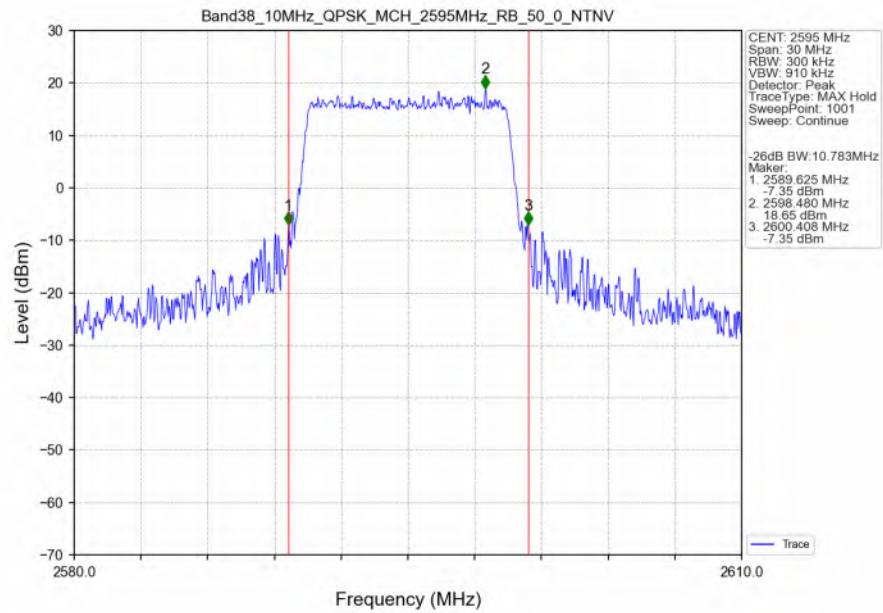
Band38 5MHz 64QAM MCH 2595MHz RB 25 0 NTN



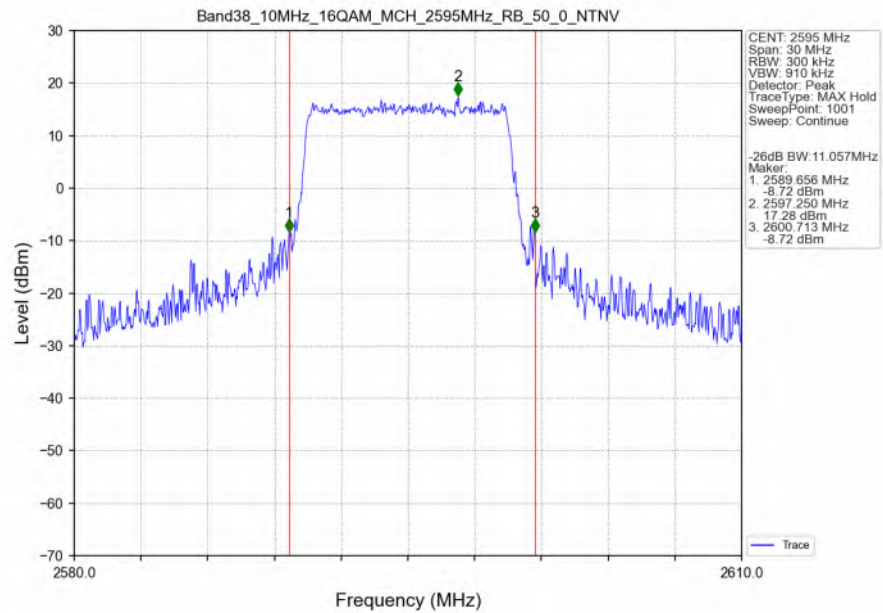
Band38 5MHz 256QAM MCH 2595MHz RB 25 0 NTN



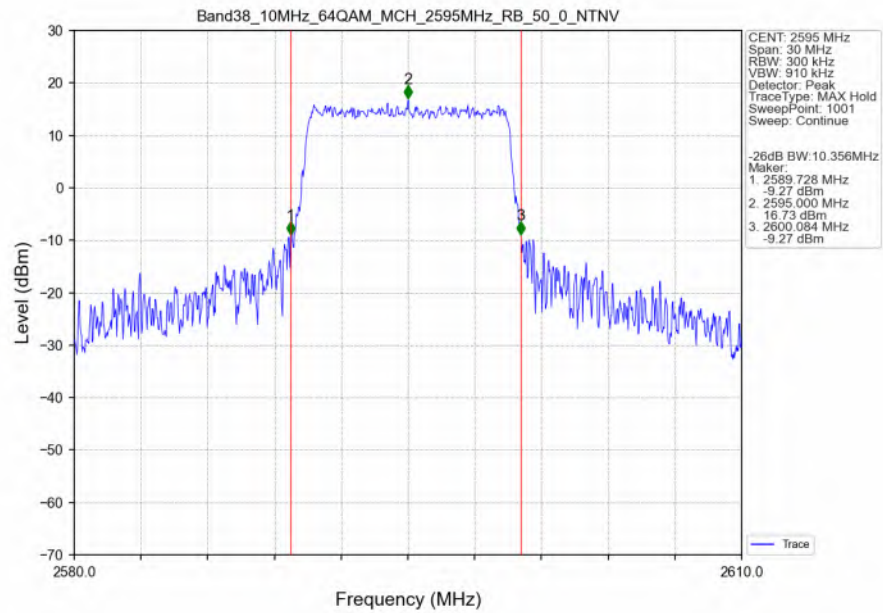
Band38 10MHz QPSK MCH 2595MHz RB 50 0 NTNV



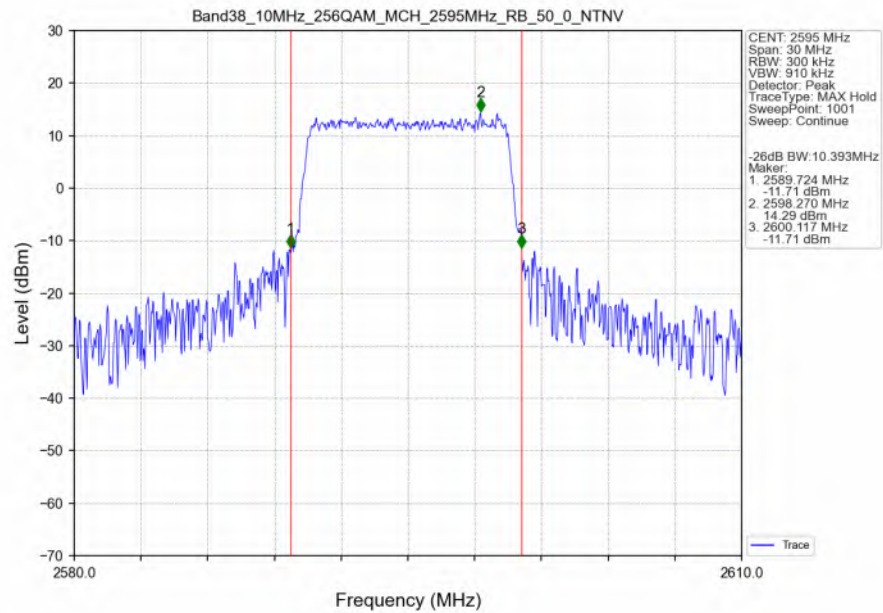
Band38 10MHz 16QAM MCH 2595MHz RB 50 0 NTNV



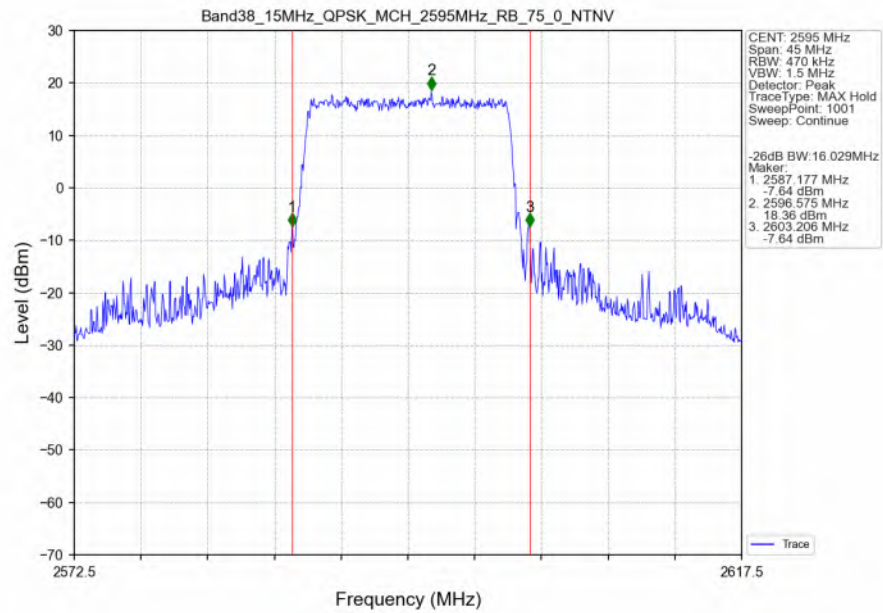
Band38 10MHz 64QAM MCH 2595MHz RB 50 0 NTV



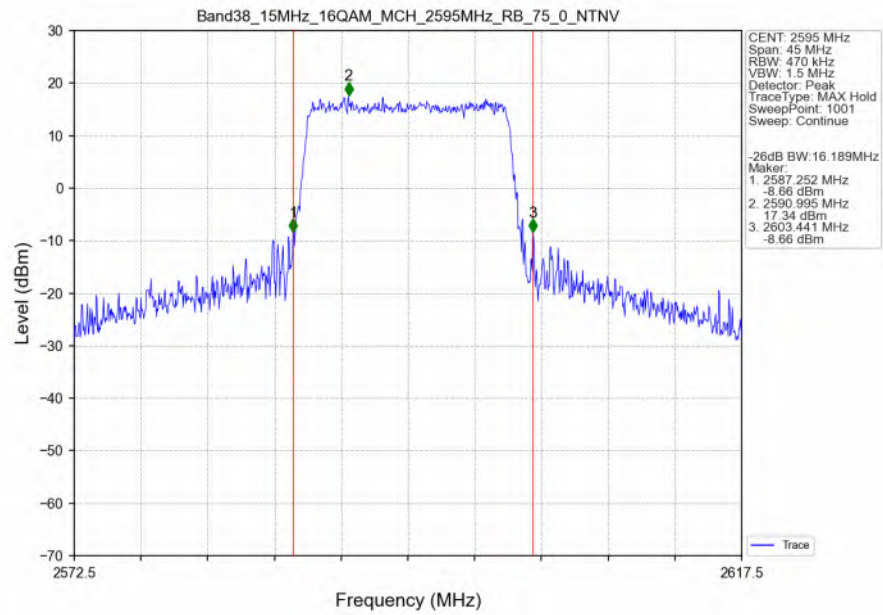
Band38 10MHz 256QAM MCH 2595MHz RB 50 0 NTV



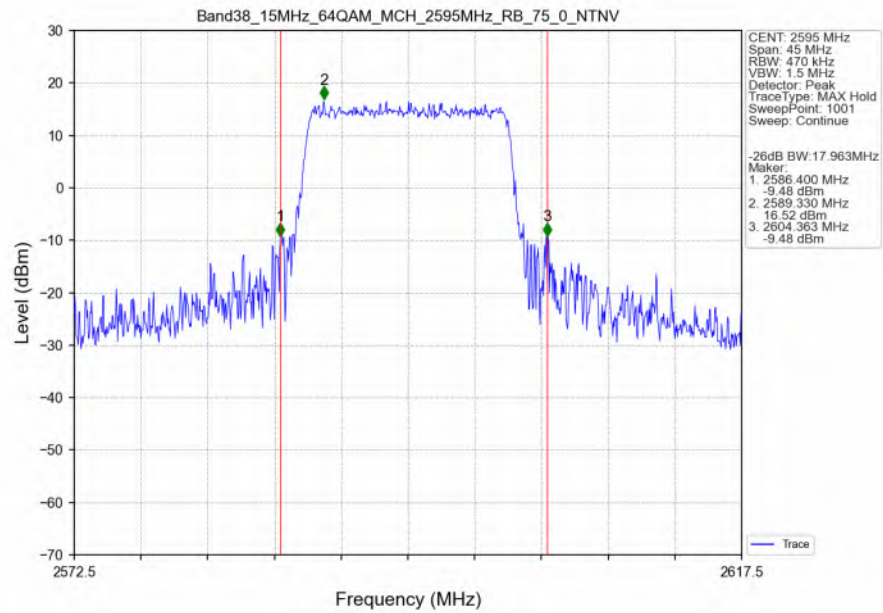
Band38 15MHz QPSK MCH 2595MHz RB 75 0 NTNV



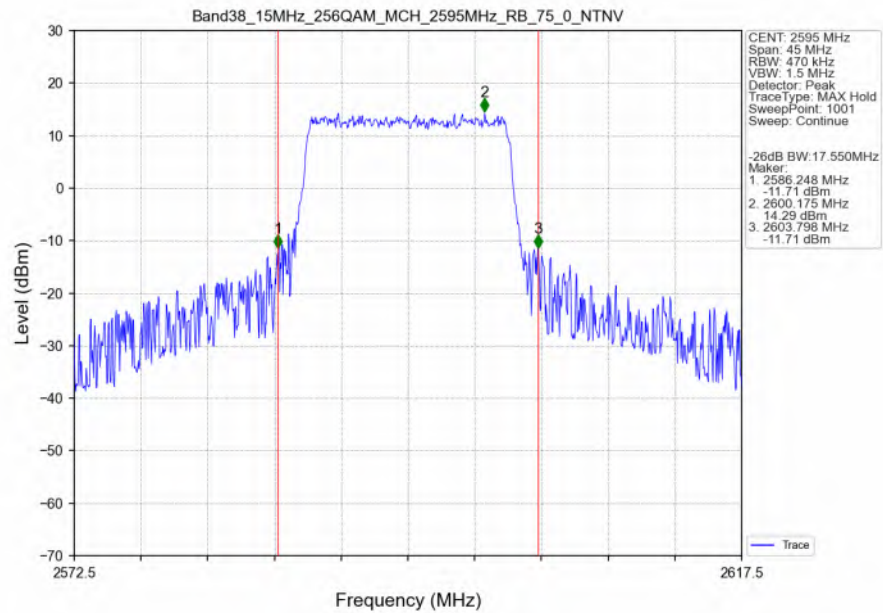
Band38 15MHz 16QAM MCH 2595MHz RB 75 0 NTNV



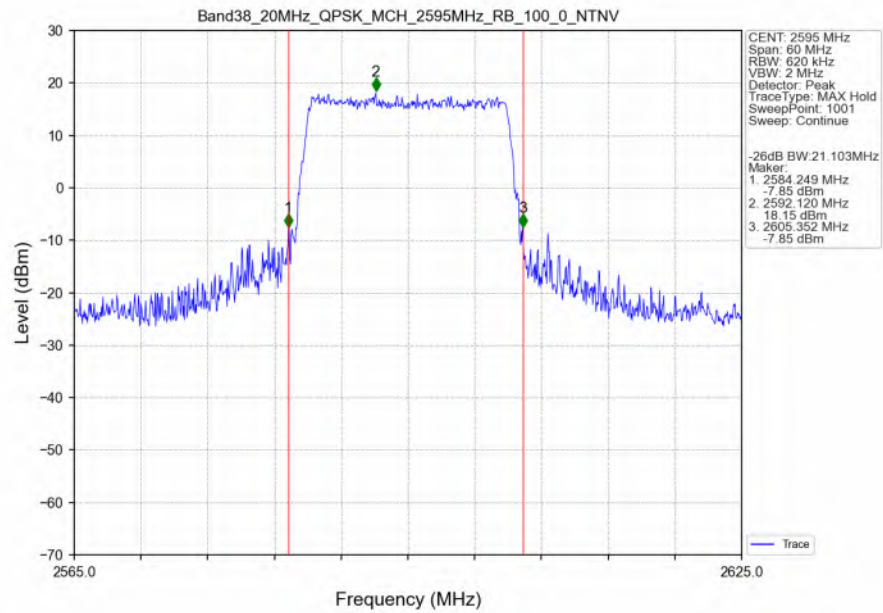
Band38 15MHz 64QAM MCH 2595MHz RB 75 0 NTV



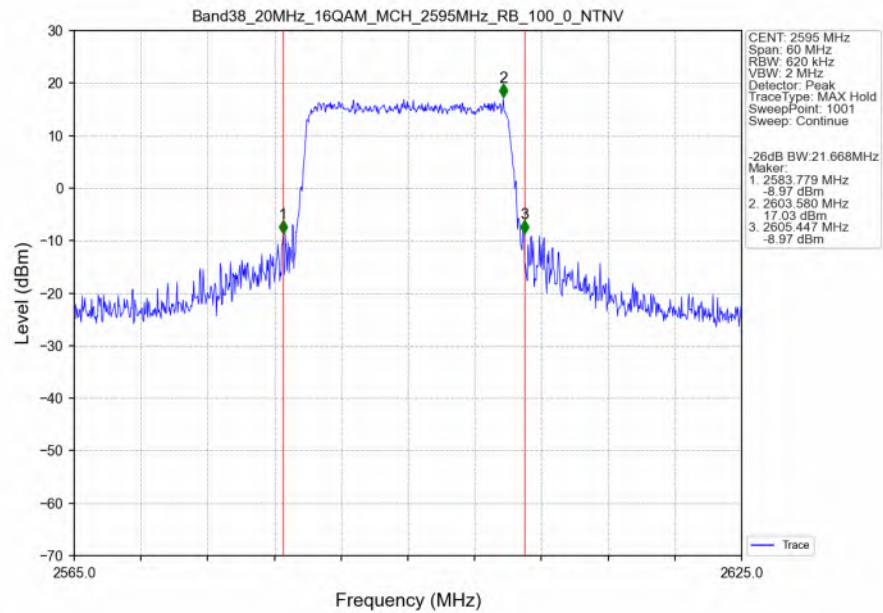
Band38 15MHz 256QAM MCH 2595MHz RB 75 0 NTV



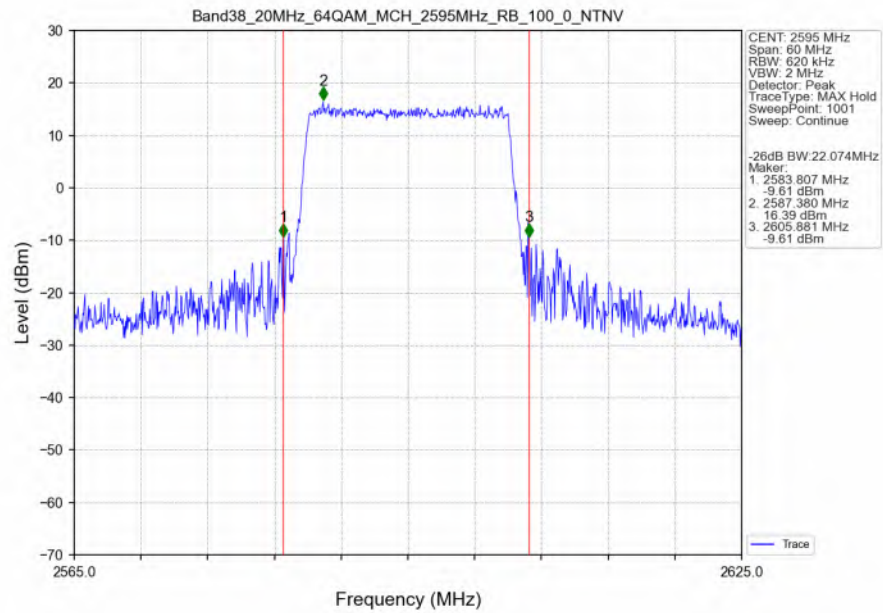
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTV



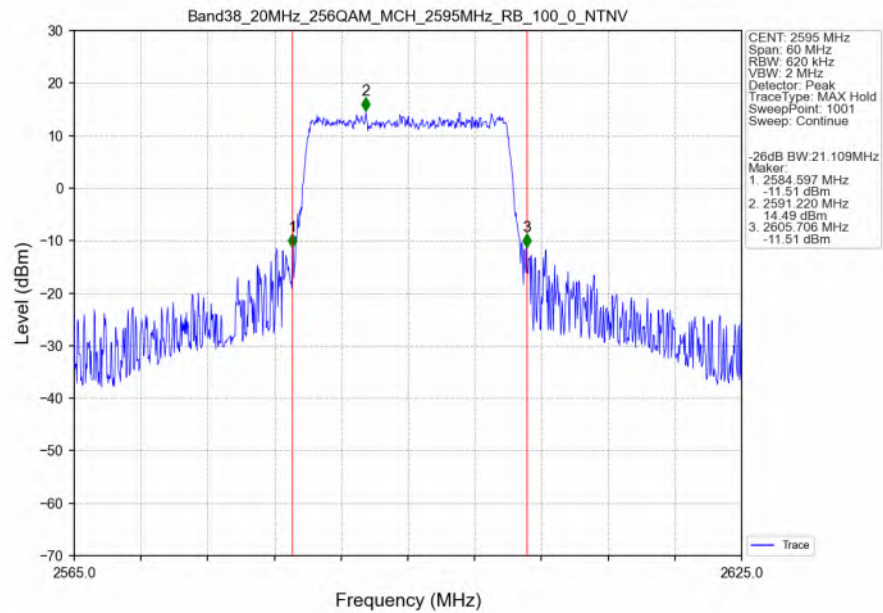
Band38 20MHz 16QAM MCH 2595MHz RB 100 0 NTV



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



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



4. Peak-Average Ratio

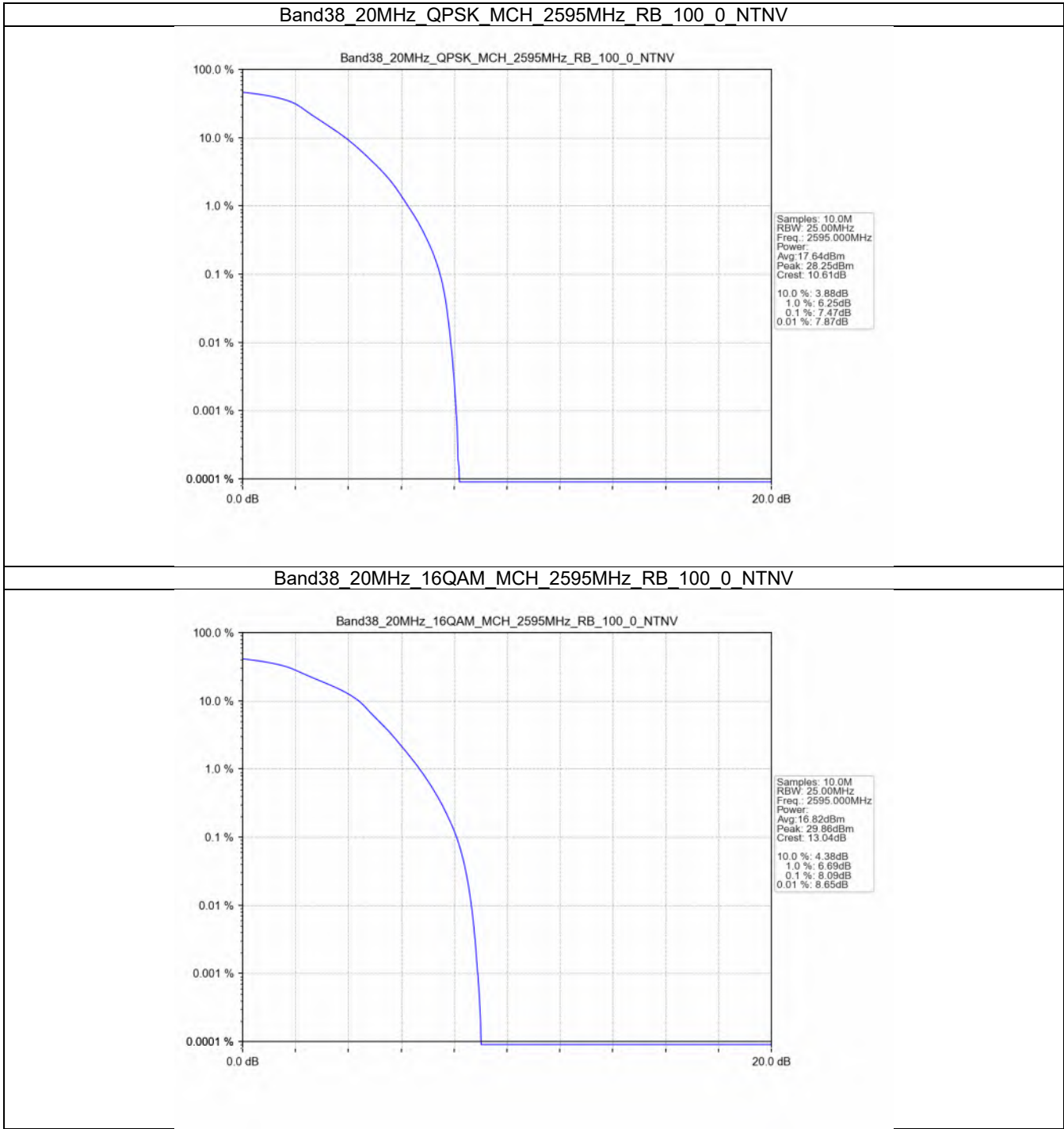
4.1 Test Result

4.1.1 B38_20MHz

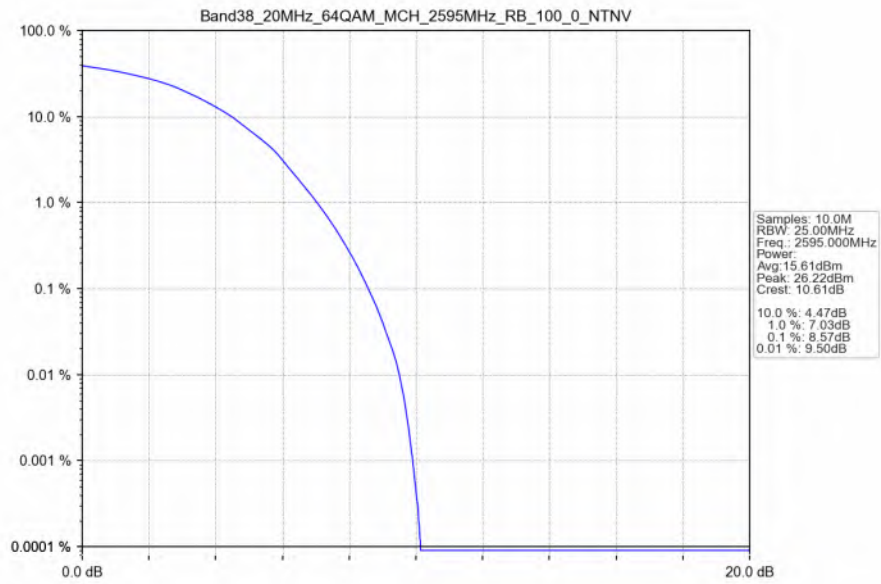
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2595	100	0	7.47	<=13	Pass
16QAM	2595	100	0	8.09	<=13	Pass
64QAM	2595	100	0	8.57	<=13	Pass
256QAM	2595	100	0	8.63	<=13	Pass

4.2 Test Graph

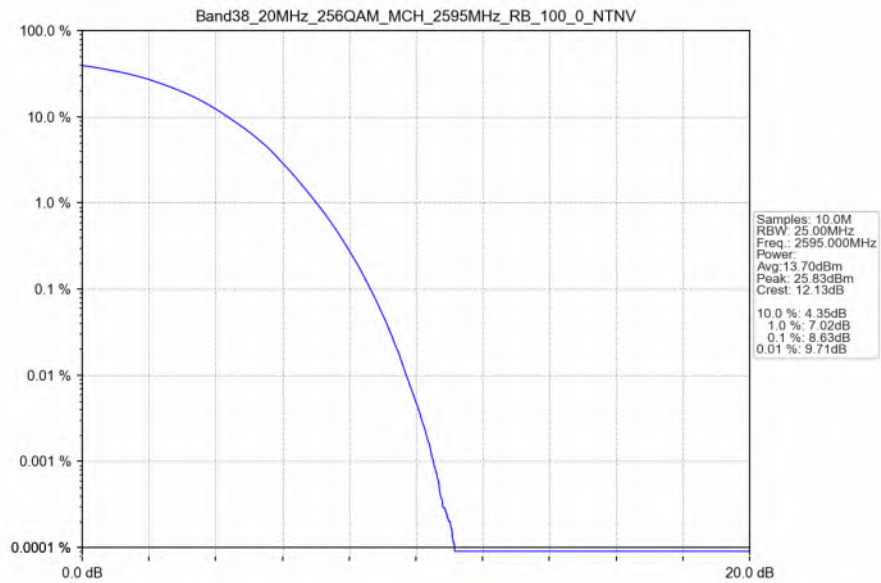
4.2.1 B38_20MHz



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 / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2615	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B38_15MHz

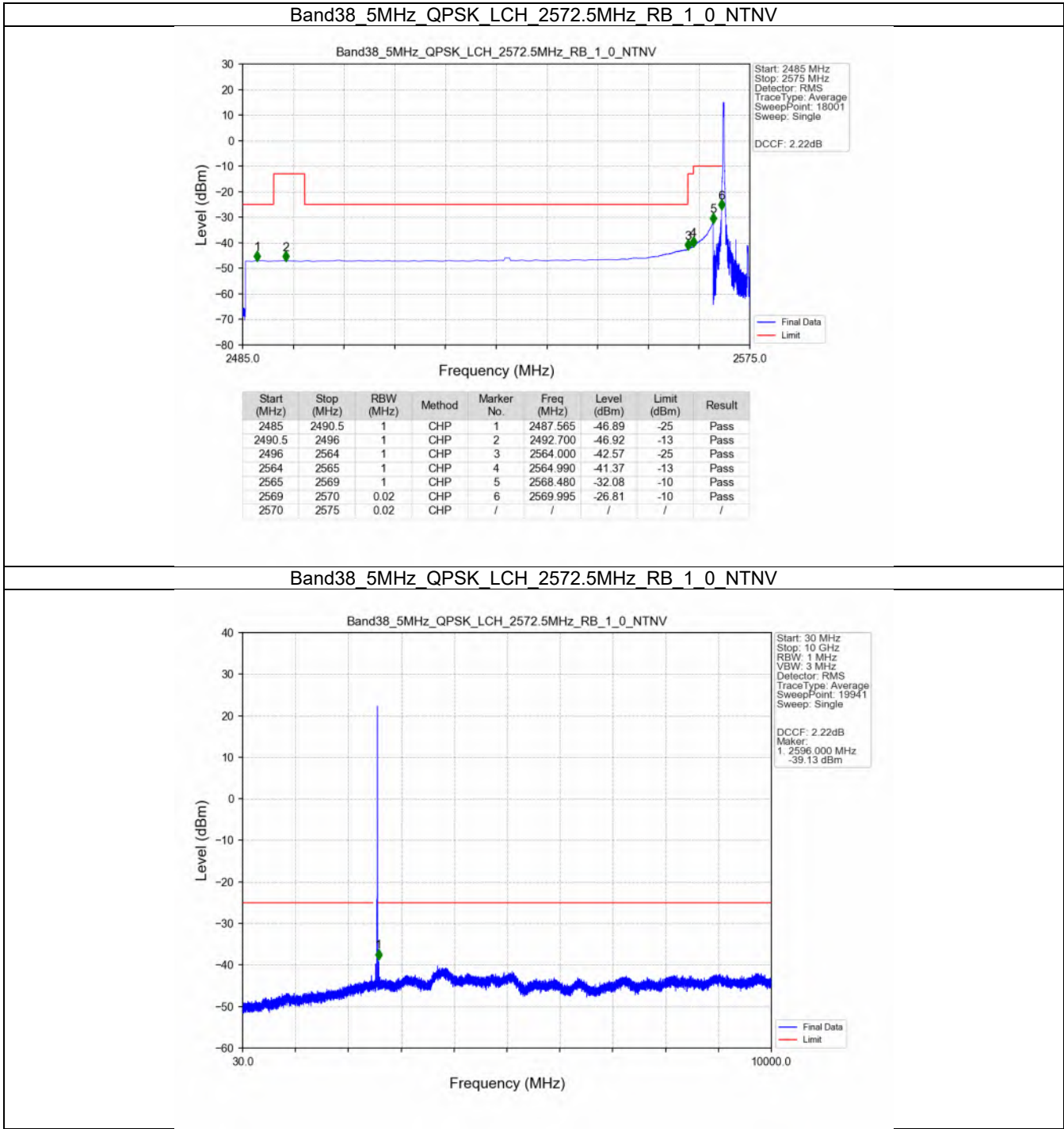
Band: 38 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B38_20MHz

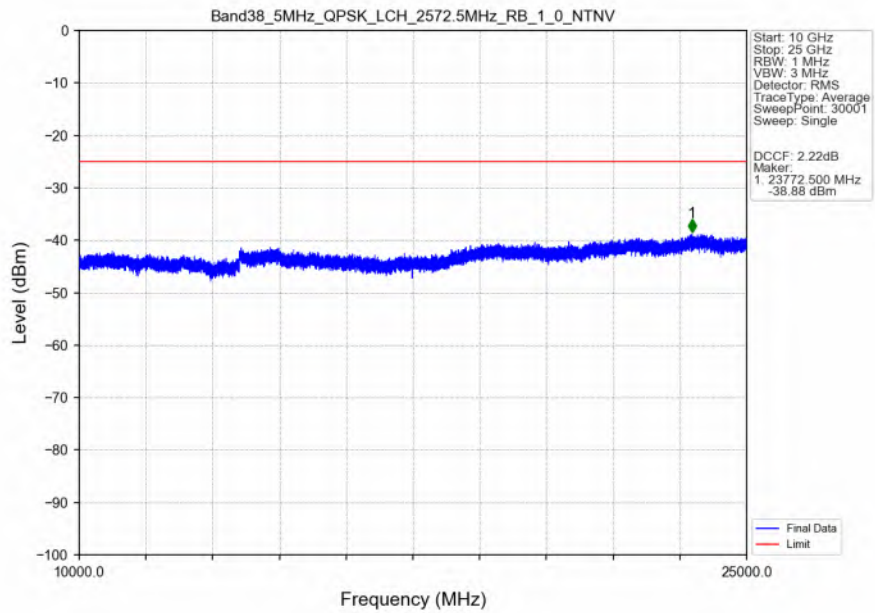
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

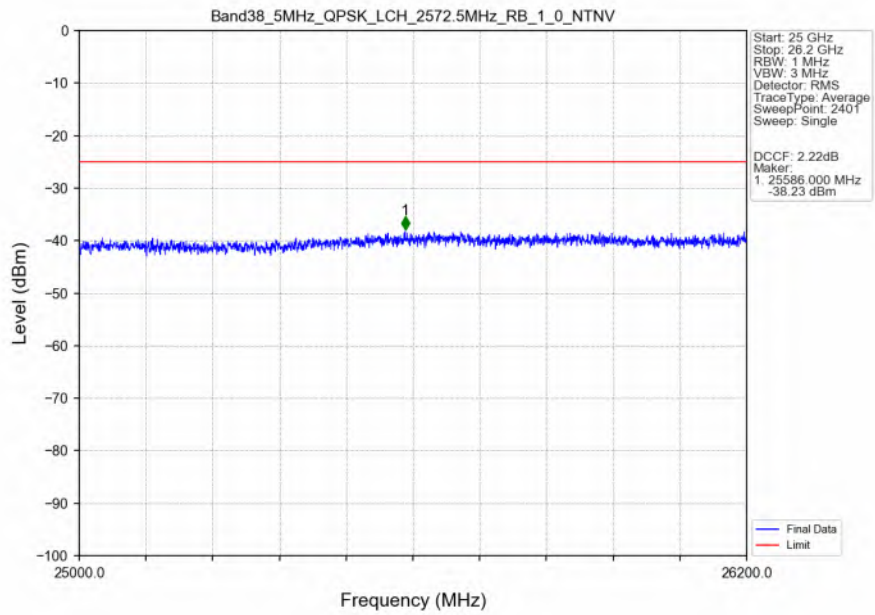
5.2.1 B38_5MHz



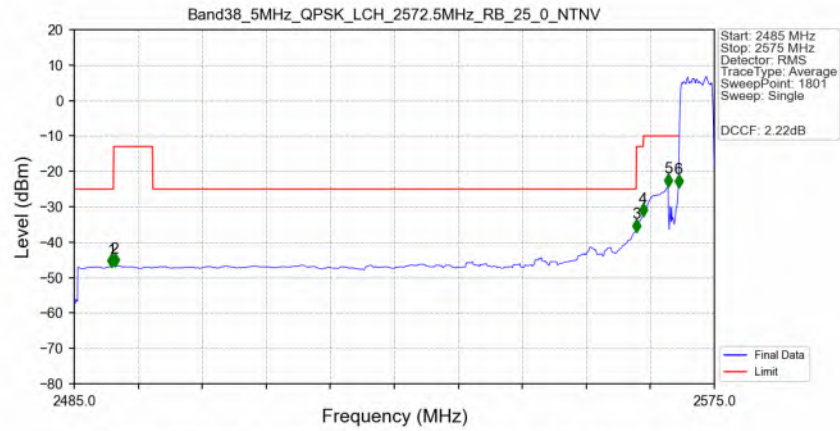
Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTNV



Band38 5MHz QPSK LCH 2572.5MHz RB 1 0 NTNV

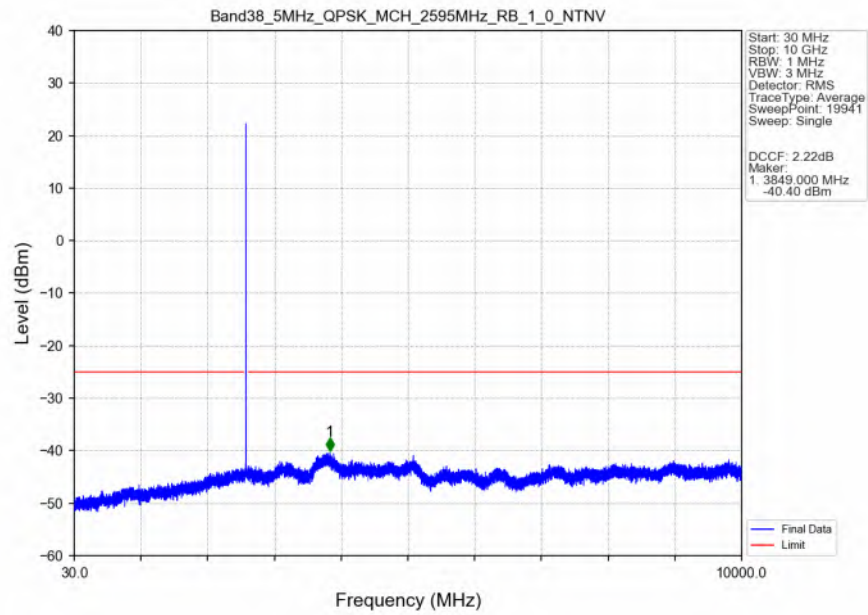


Band38 5MHz QPSK LCH 2572.5MHz RB 25 0 NTNV

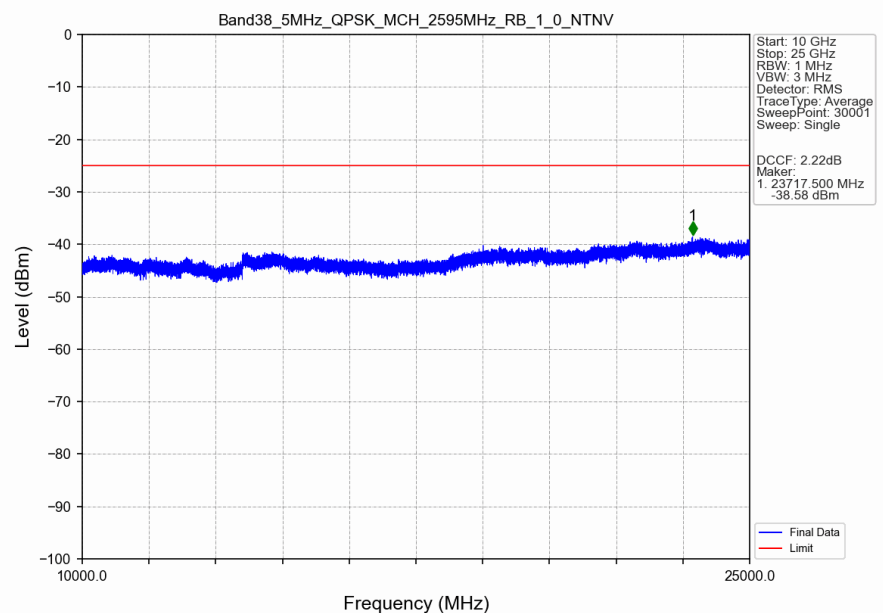


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.250	-46.83	-25	Pass
2490.5	2496	1	CHP	2	2490.700	-46.63	-13	Pass
2496	2564	1	CHP	3	2564.000	-36.84	-25	Pass
2564	2565	1	CHP	4	2565.000	-32.47	-13	Pass
2565	2569	1	CHP	5	2568.500	-24.05	-10	Pass
2569	2570	0.106	CHP	6	2569.950	-24.24	-10	Pass
2570	2575	0.106	CHP	/	/	/	/	/

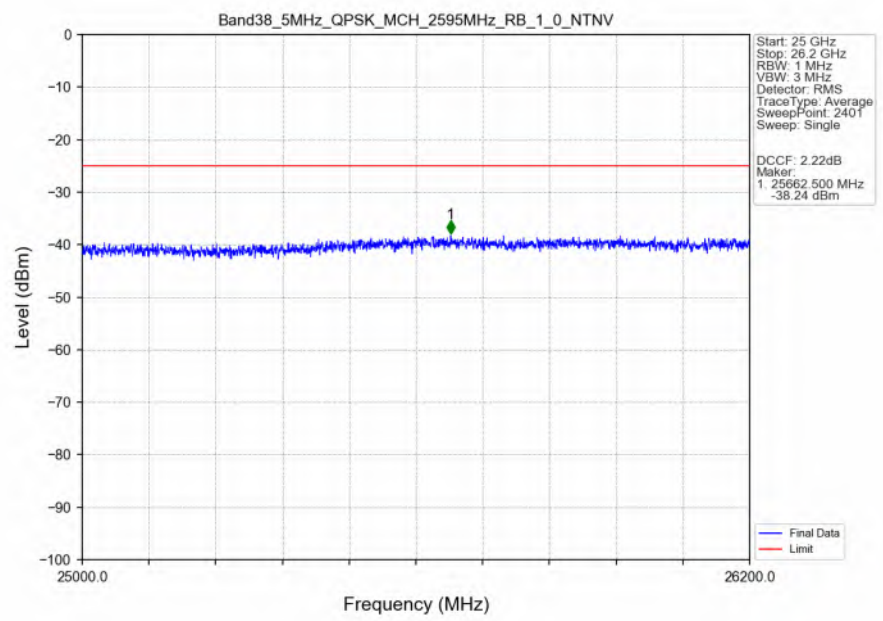
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTNV



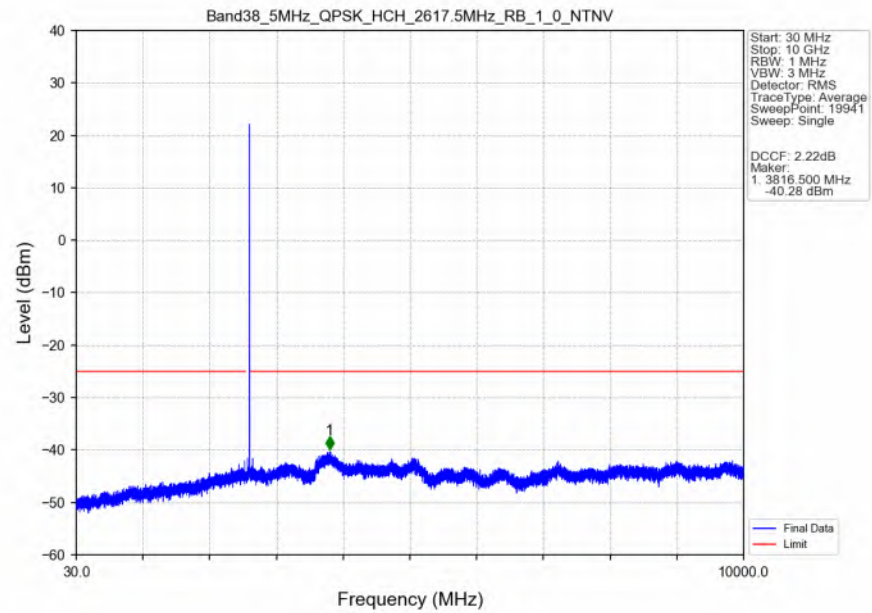
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTN



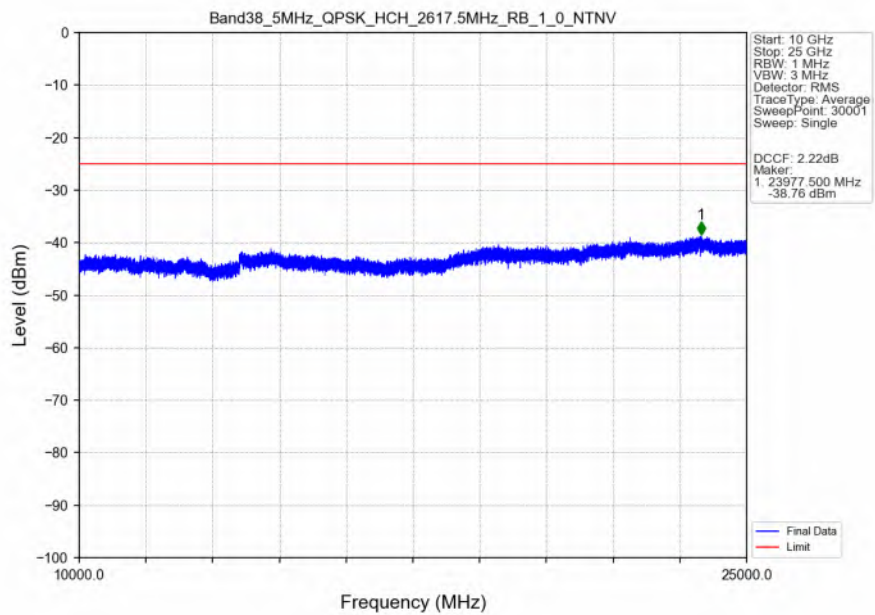
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTN



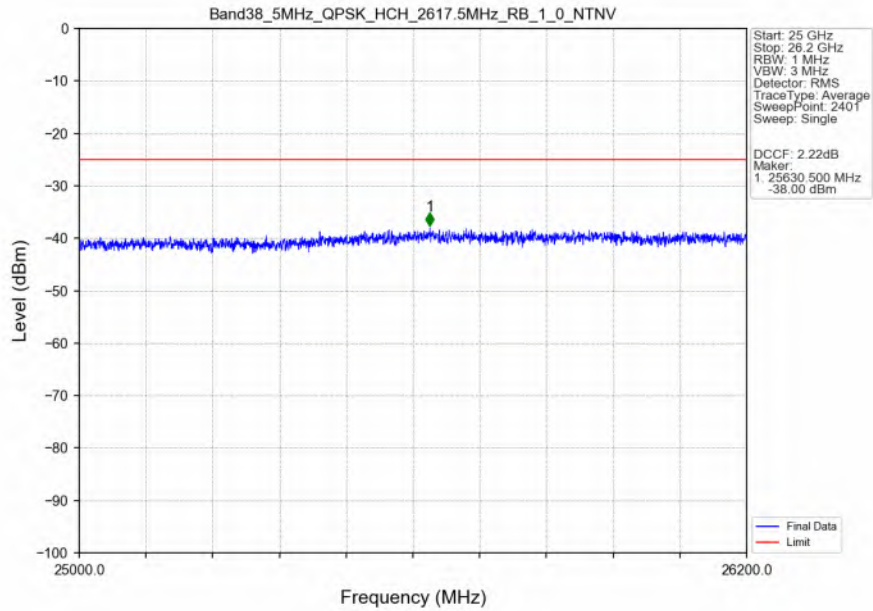
Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTNV



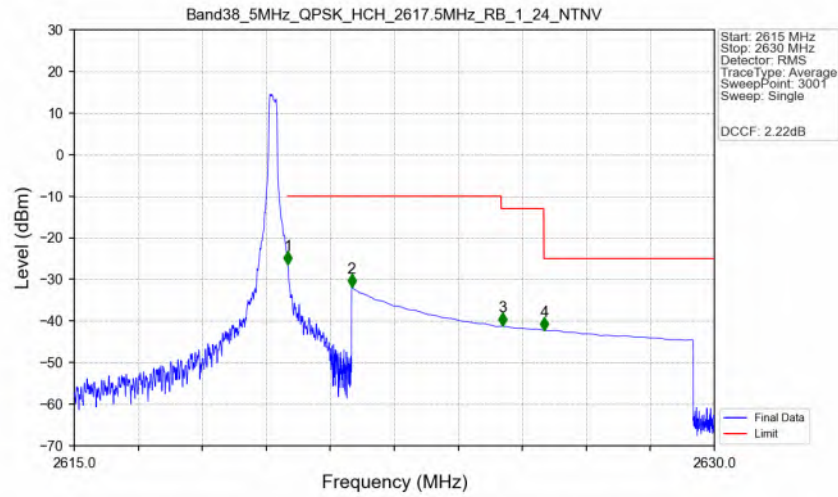
Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTNV



Band38 5MHz QPSK HCH 2617.5MHz RB 1 0 NTV

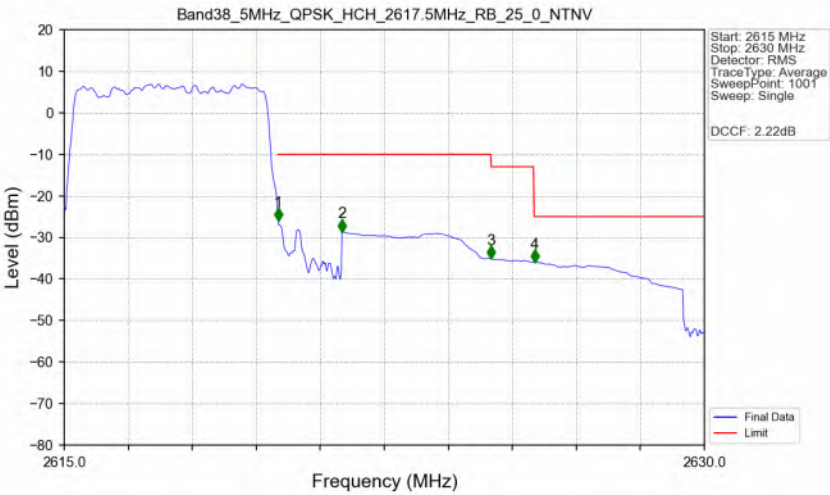


Band38 5MHz QPSK HCH 2617.5MHz RB 1 24 NTV



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	-26.45	-10	Pass
2621	2625	1	CHP	2	2621.500	-31.93	-10	Pass
2625	2626	1	CHP	3	2625.035	-41.23	-13	Pass
2626	2630	1	CHP	4	2626.015	-42.20	-25	Pass

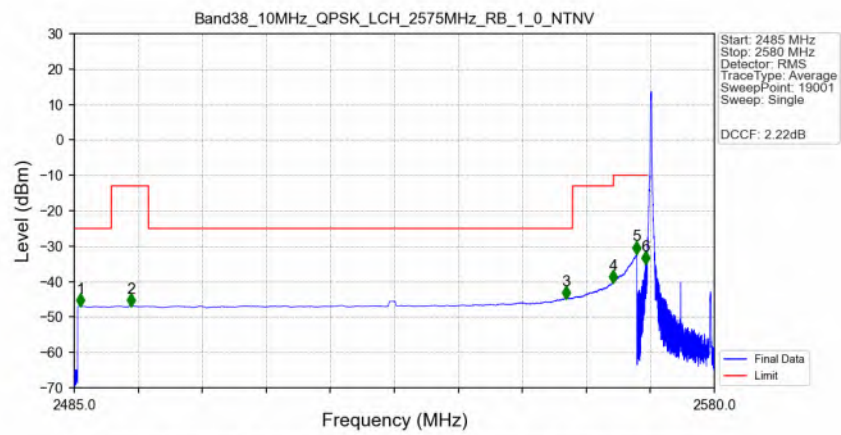
Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.119	CHP	/	/	/	/	/
2620	2621	0.119	CHP	1	2620.010	-26.09	-10	Pass
2621	2625	1	CHP	2	2621.510	-28.67	-10	Pass
2625	2626	1	CHP	3	2625.005	-35.15	-13	Pass
2626	2630	1	CHP	4	2626.025	-36.00	-25	Pass

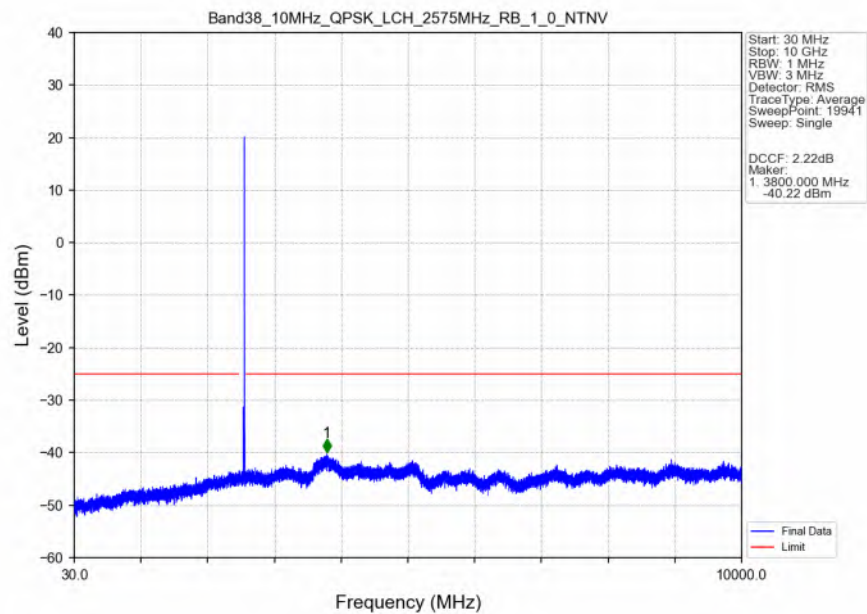
5.2.2 B38_10MHz

Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

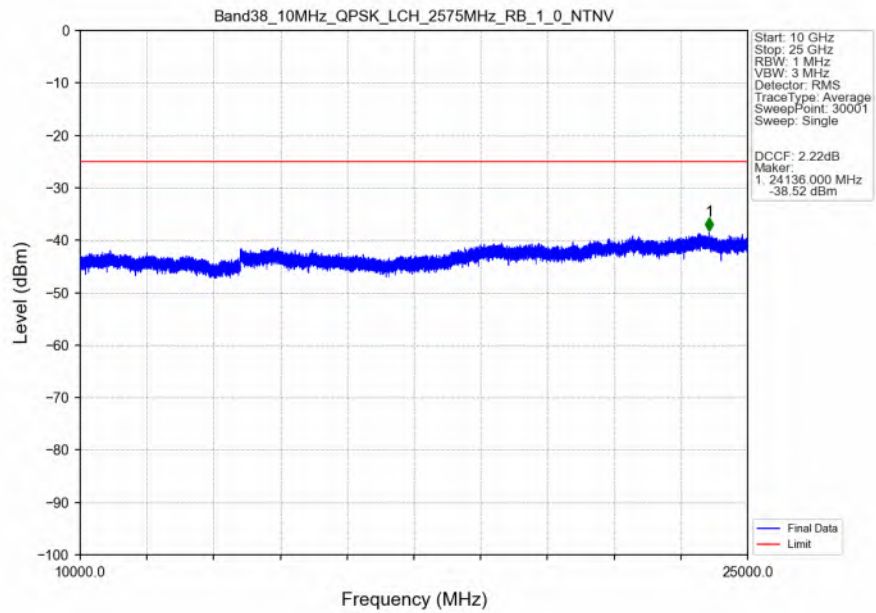


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.915	-46.89	-25	Pass
2490.5	2496	1	CHP	2	2493.460	-46.85	-13	Pass
2496	2558.943	1	CHP	3	2557.935	-44.66	-25	Pass
2558.943	2565	1	CHP	4	2564.980	-40.26	-13	Pass
2565	2569	1	CHP	5	2568.465	-31.97	-10	Pass
2569	2570	0.02	CHP	6	2569.765	-34.84	-10	Pass
2570	2580	0.02	CHP	/	/	/	/	/

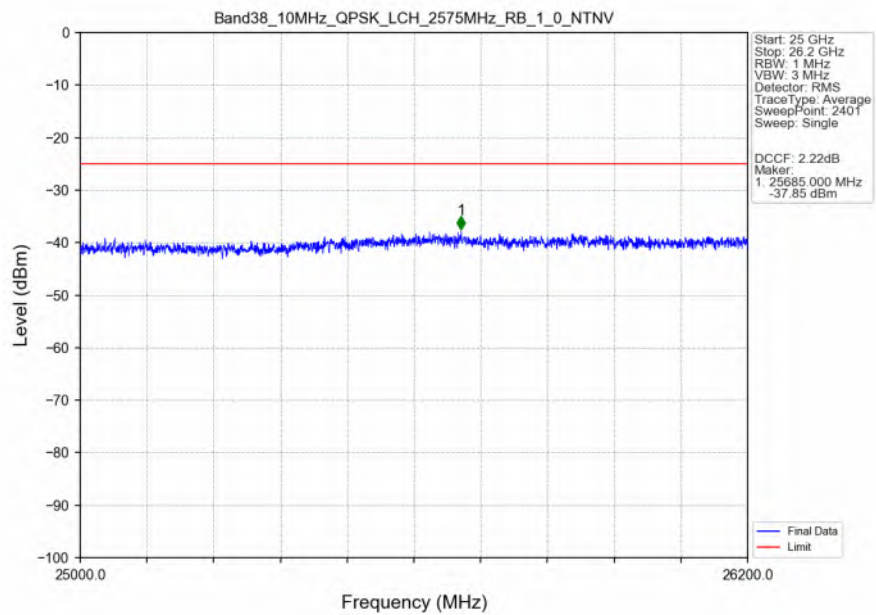
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



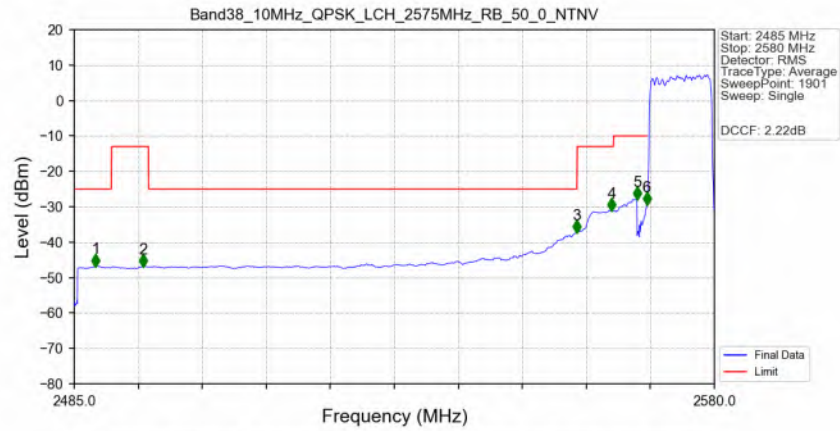
Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTN



Band38 10MHz QPSK LCH 2575MHz RB 1 0 NTN

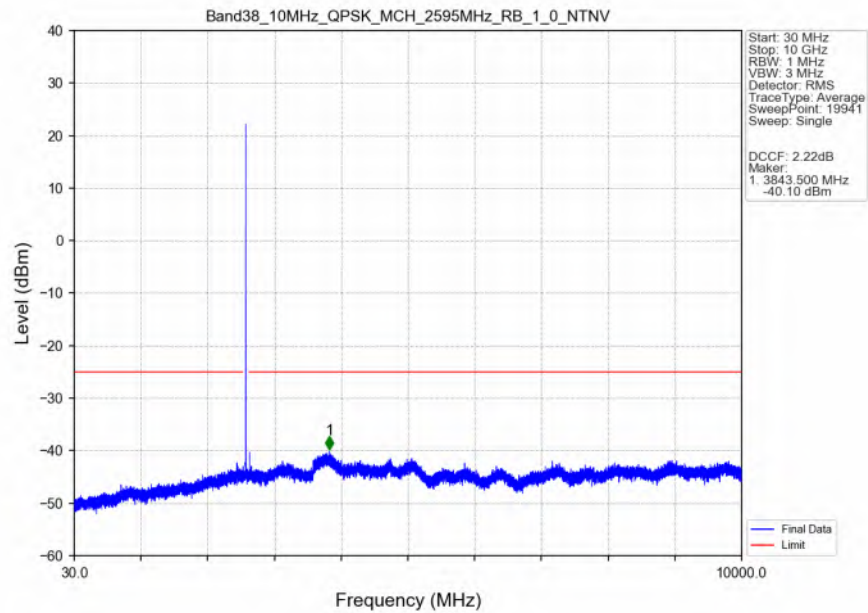


Band38 10MHz QPSK LCH 2575MHz RB 50 0 NTV

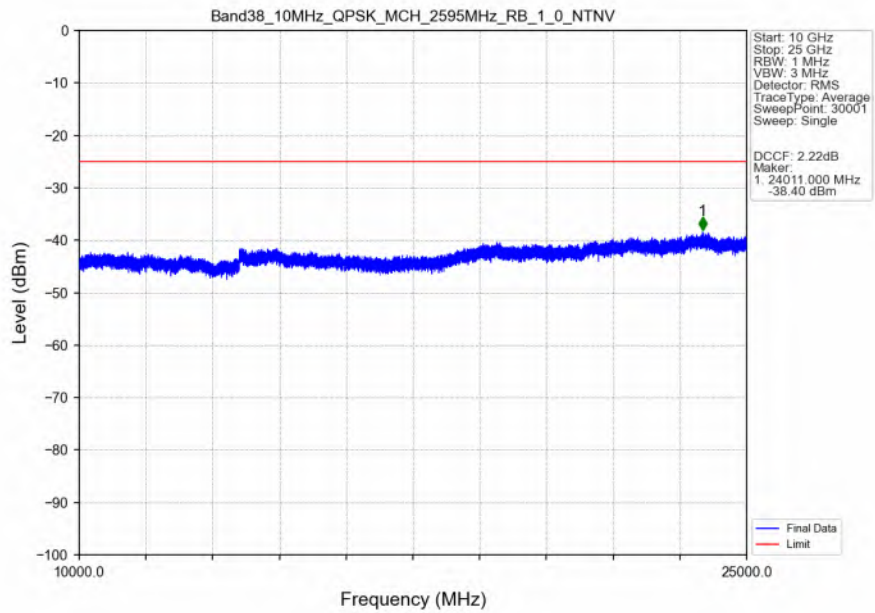


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.200	-46.68	-25	Pass
2490.5	2496	1	CHP	2	2495.250	-46.77	-13	Pass
2496	2559.607	1	CHP	3	2559.600	-37.23	-25	Pass
2559.607	2565	1	CHP	4	2564.750	-31.02	-13	Pass
2565	2569	1	CHP	5	2568.500	-27.80	-10	Pass
2569	2570	0.216	CHP	6	2569.950	-29.22	-10	Pass
2570	2580	0.216	CHP	/	/	/	/	/

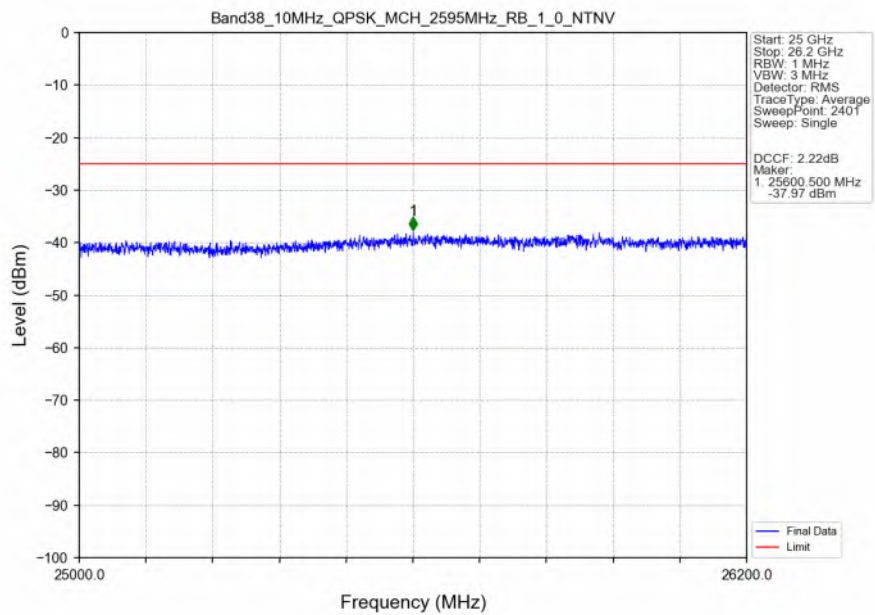
Band38 10MHz QPSK MCH 2595MHz RB 1 0 NTV



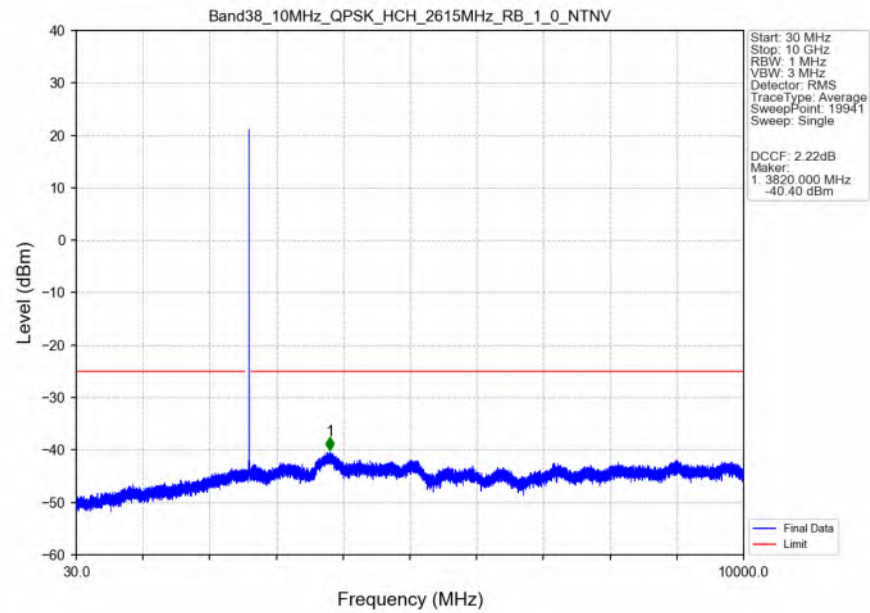
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



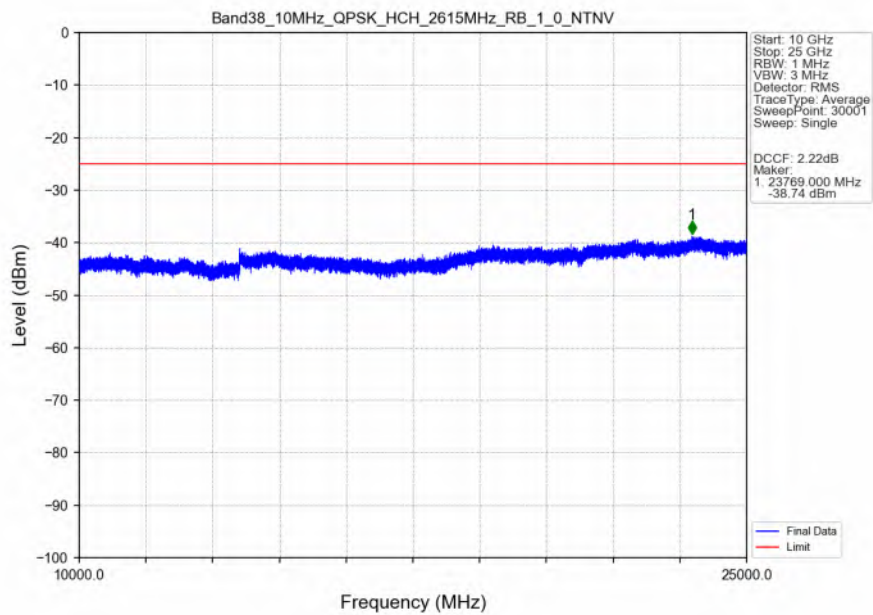
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



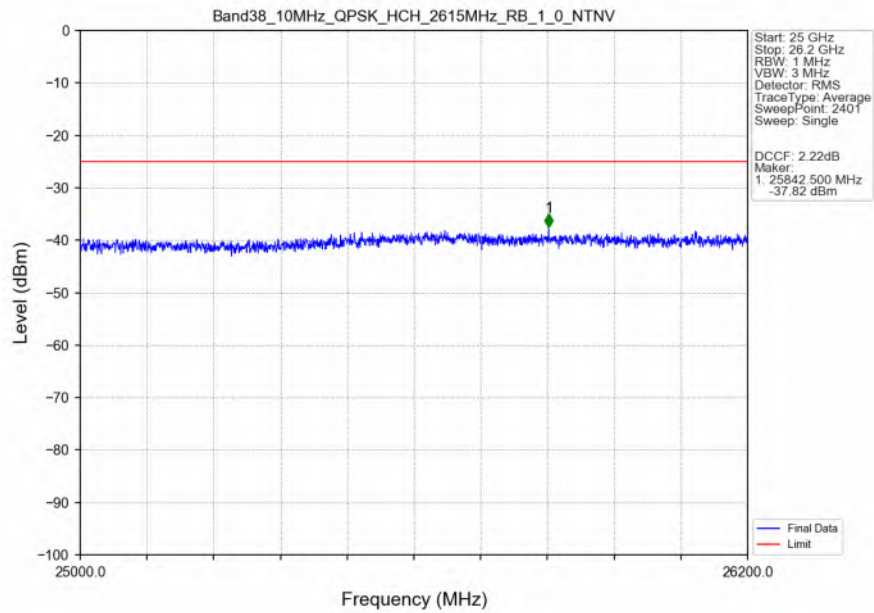
Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTNV



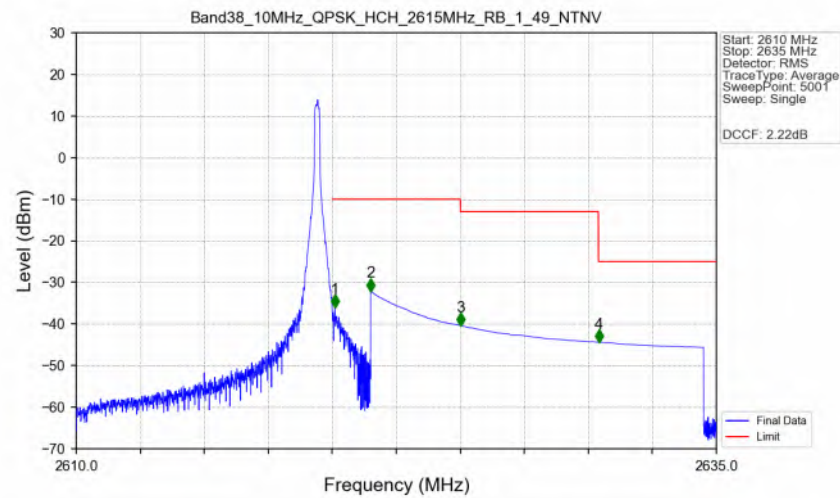
Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTNV



Band38 10MHz QPSK HCH 2615MHz RB 1 0 NTV

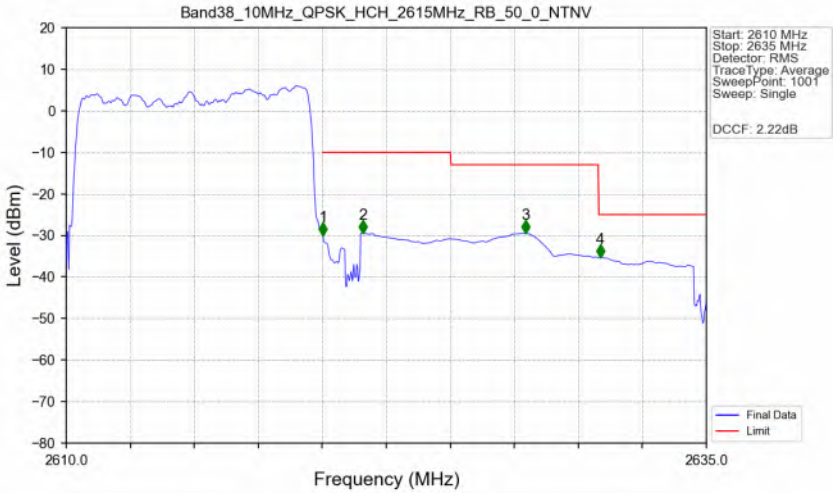


Band38 10MHz QPSK HCH 2615MHz RB 1 49 NTV



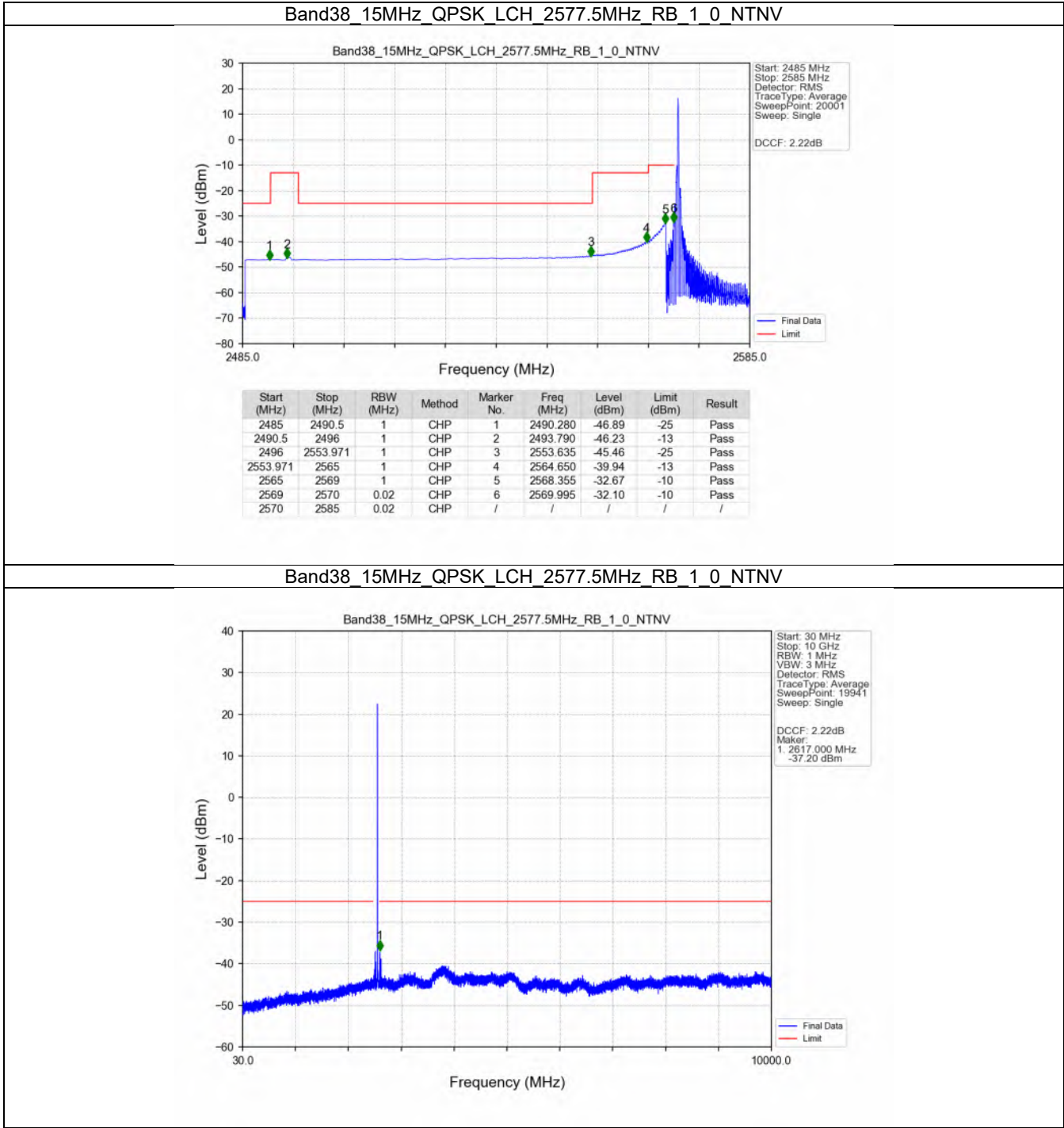
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.100	-36.11	-10	Pass
2621	2625	1	CHP	2	2621.500	-32.15	-10	Pass
2625	2630.393	1	CHP	3	2625.020	-40.38	-13	Pass
2630.393	2635	1	CHP	4	2630.420	-44.37	-25	Pass

Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV

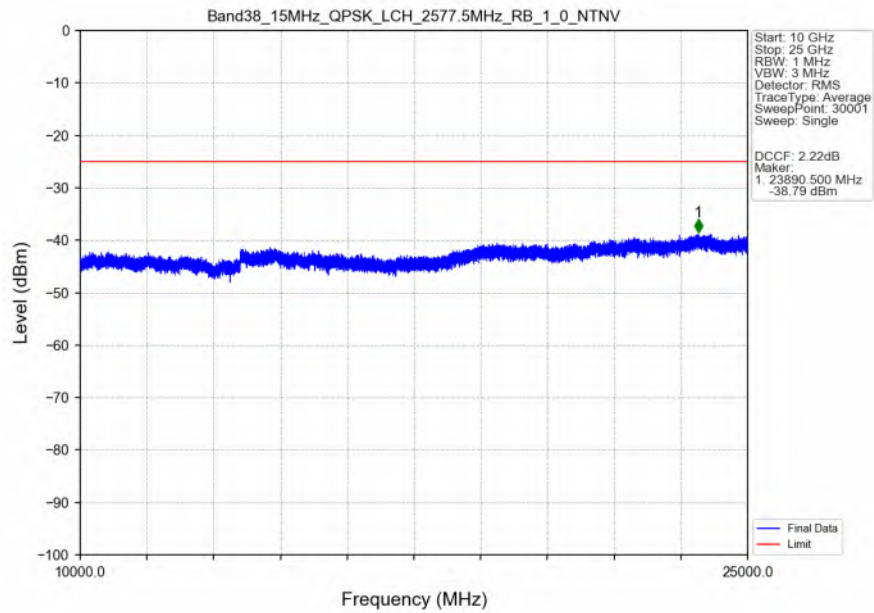


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.221	CHP	/	/	/	/	/
2620	2621	0.221	CHP	1	2620.025	-29.95	-10	Pass
2621	2625	1	CHP	2	2621.575	-29.44	-10	Pass
2625	2630.783	1	CHP	3	2627.950	-29.47	-13	Pass
2630.783	2635	1	CHP	4	2630.850	-35.33	-25	Pass

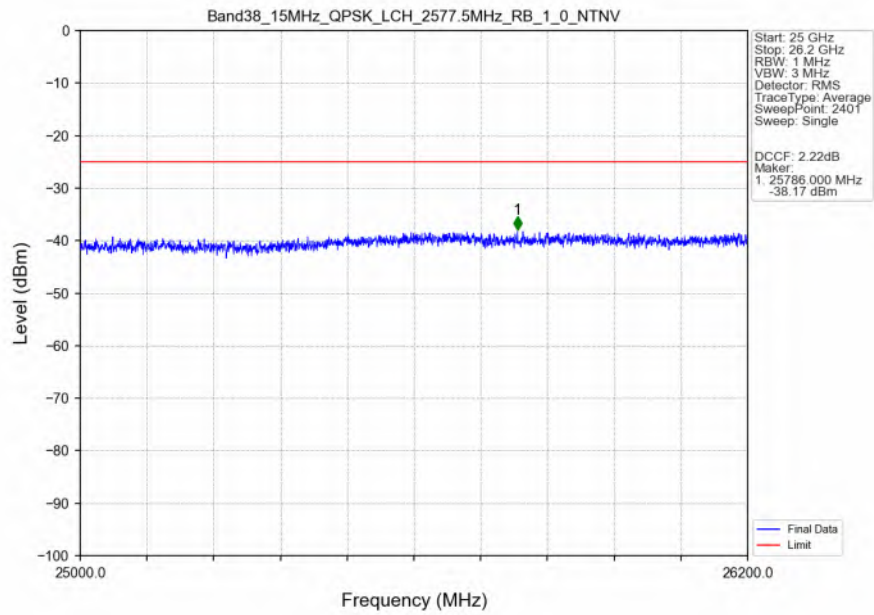
5.2.3 B38_15MHz



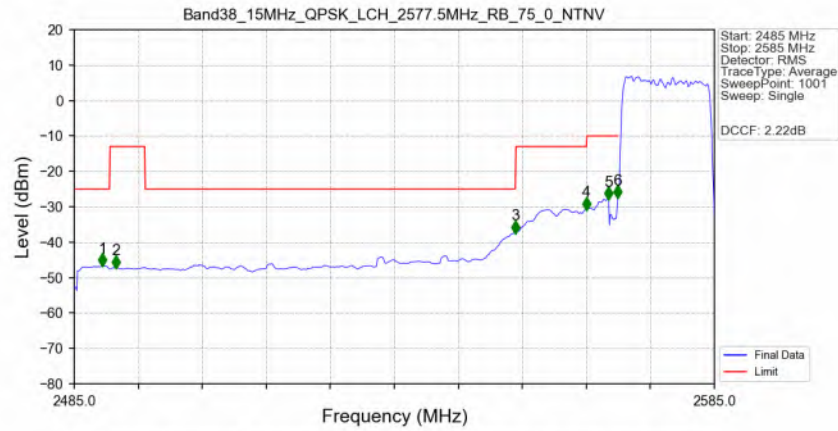
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

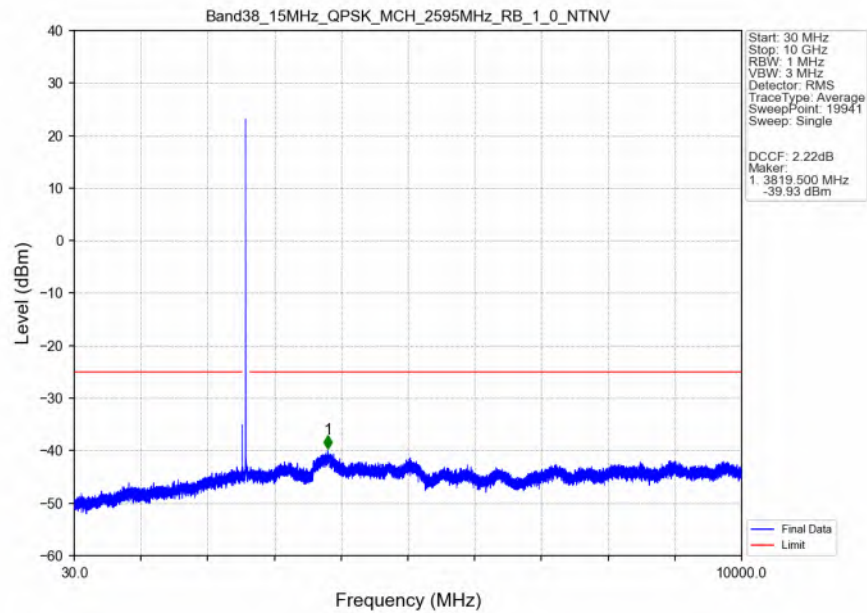


Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV

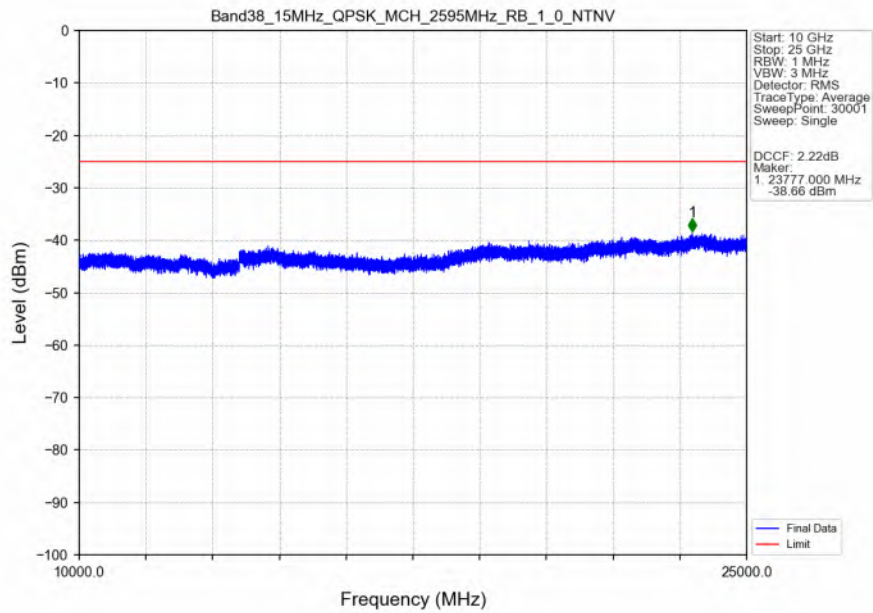


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.400	-46.50	-25	Pass
2490.5	2496	1	CHP	2	2491.500	-47.11	-13	Pass
2496	2553.971	1	CHP	3	2553.900	-37.28	-25	Pass
2553.971	2565	1	CHP	4	2565.000	-30.66	-13	Pass
2565	2569	1	CHP	5	2568.400	-27.72	-10	Pass
2569	2570	0.359	CHP	6	2569.900	-27.36	-10	Pass
2570	2585	0.359	CHP	/	/	/	/	/

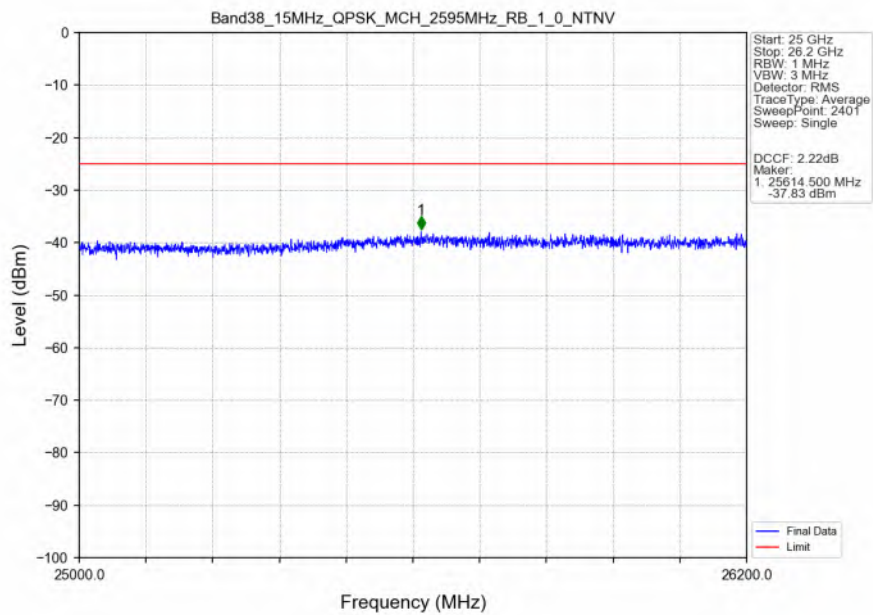
Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTNV



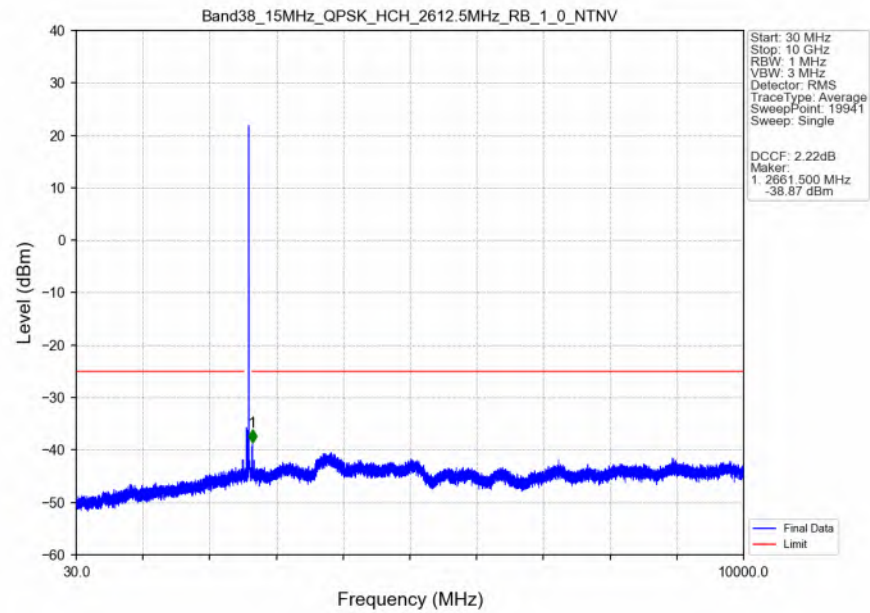
Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTNV



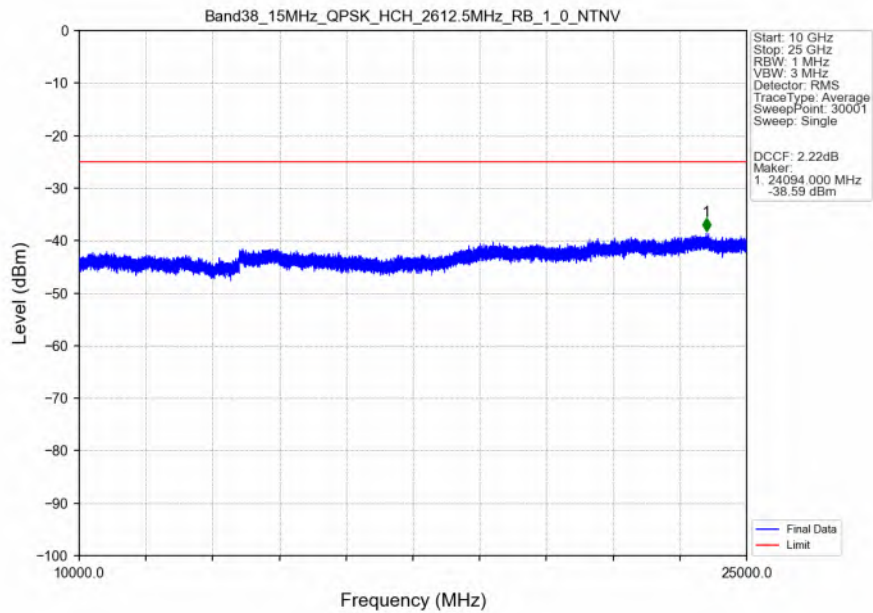
Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTNV



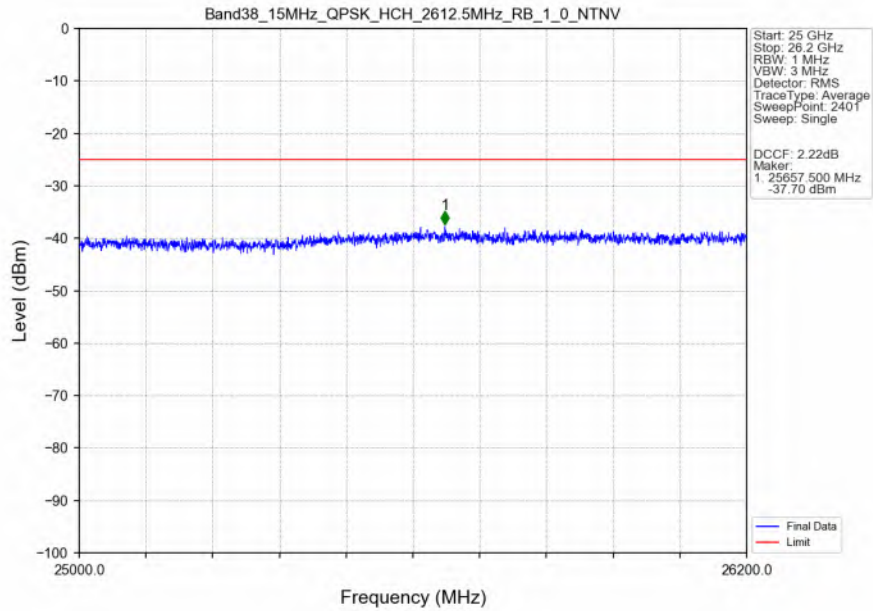
Band38 15MHz QPSK HCH 2612.5MHz RB 1 0 NTV



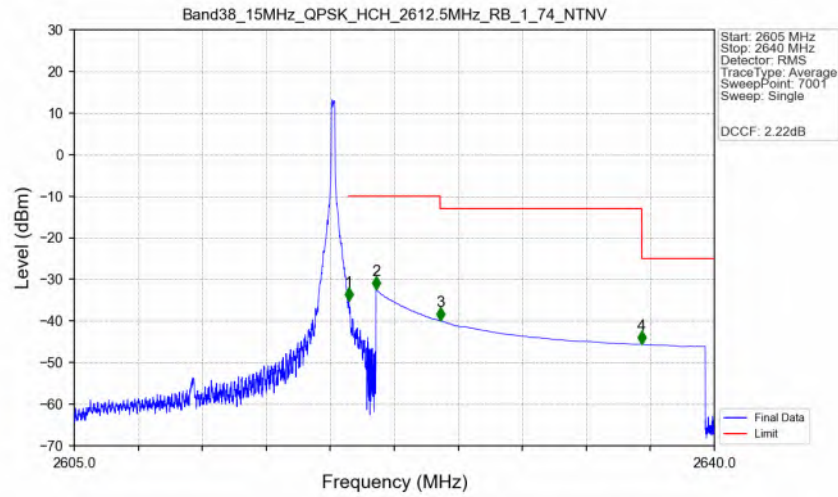
Band38 15MHz QPSK HCH 2612.5MHz RB 1 0 NTV



Band38 15MHz QPSK HCH 2612.5MHz RB 1 0 NTNV

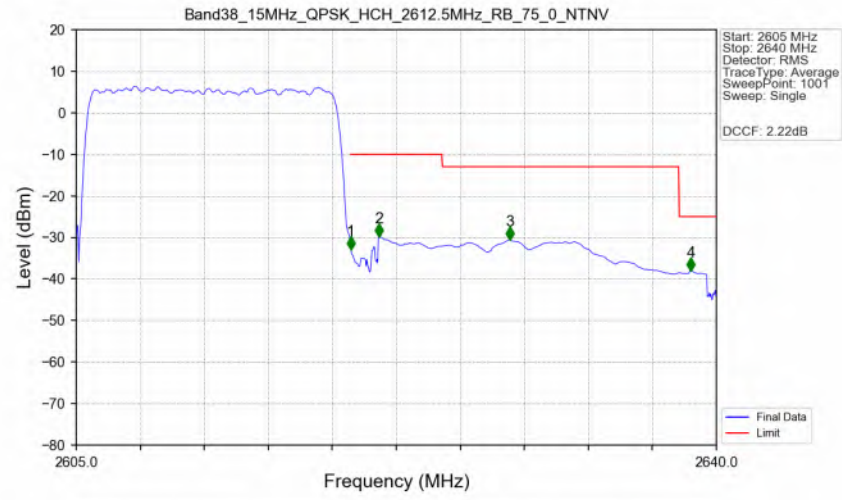


Band38 15MHz QPSK HCH 2612.5MHz RB 1 74 NTNV



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	2620.010	-35.16	-10	Pass
2621	2625	1	CHP	2	2621.510	-32.35	-10	Pass
2625	2636.029	1	CHP	3	2625.010	-39.96	-13	Pass
2636.029	2640	1	CHP	4	2636.030	-45.57	-25	Pass

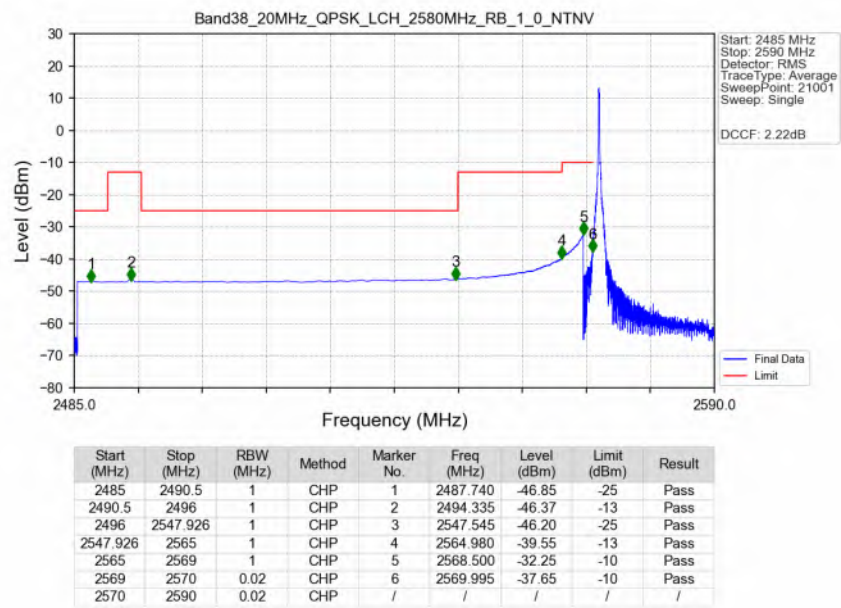
Band38 15MHz QPSK HCH 2612.5MHz RB 75 0 NTNV



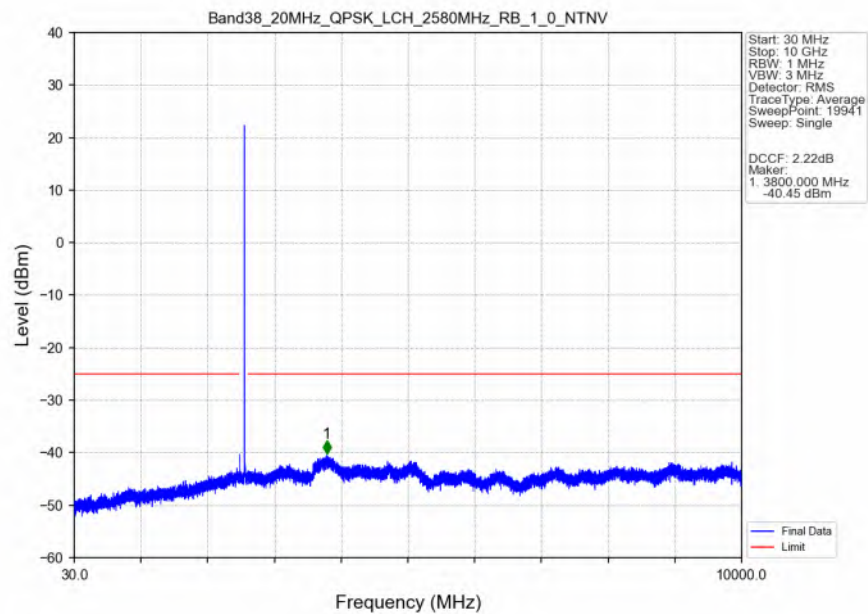
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.324	CHP	/	/	/	/	/
2620	2621	0.324	CHP	1	2620.015	-32.88	-10	Pass
2621	2625	1	CHP	2	2621.555	-29.85	-10	Pass
2625	2637.963	1	CHP	3	2628.695	-30.59	-13	Pass
2637.963	2640	1	CHP	4	2638.600	-38.07	-25	Pass

5.2.4 B38_20MHz

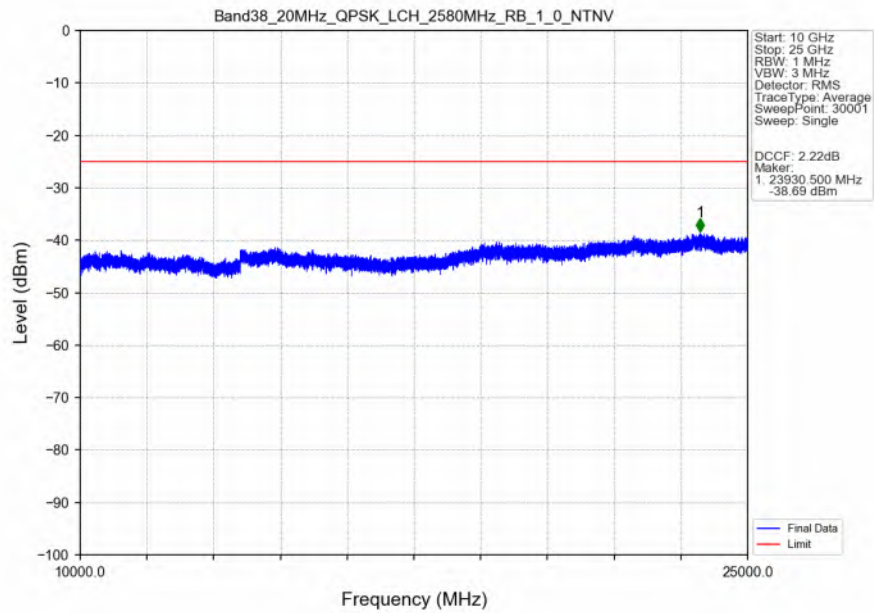
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



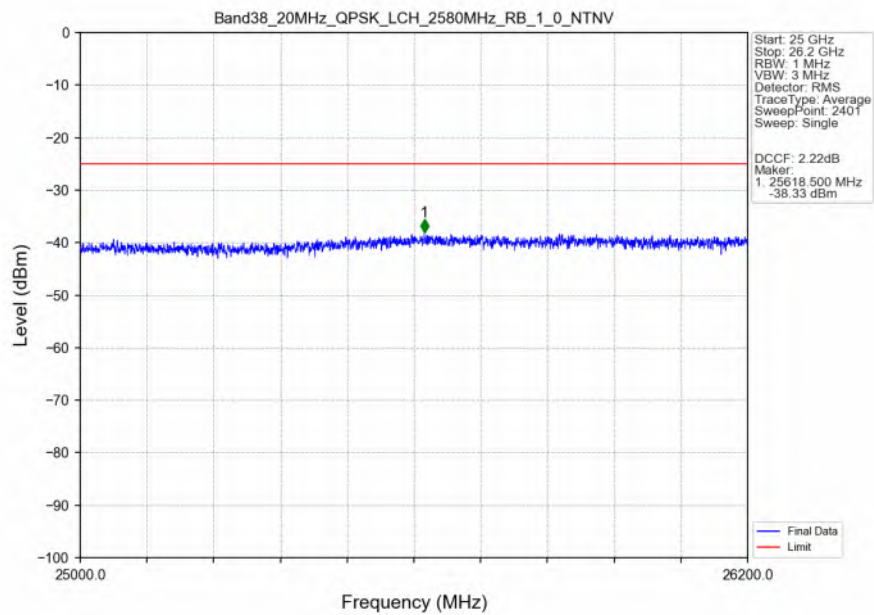
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



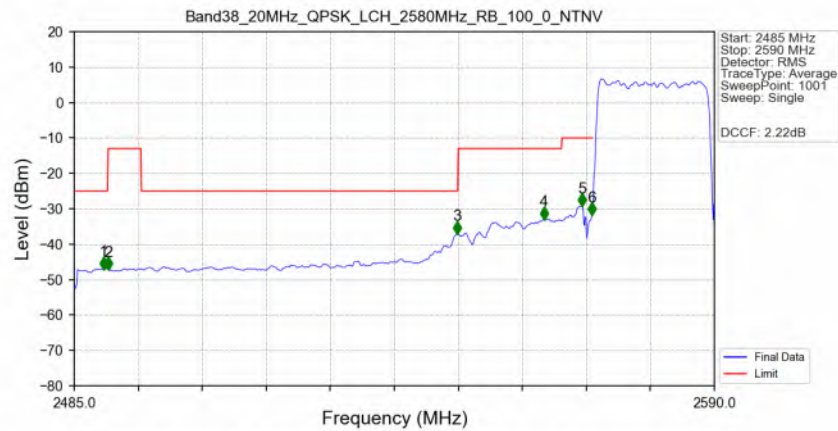
Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTN



Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTN

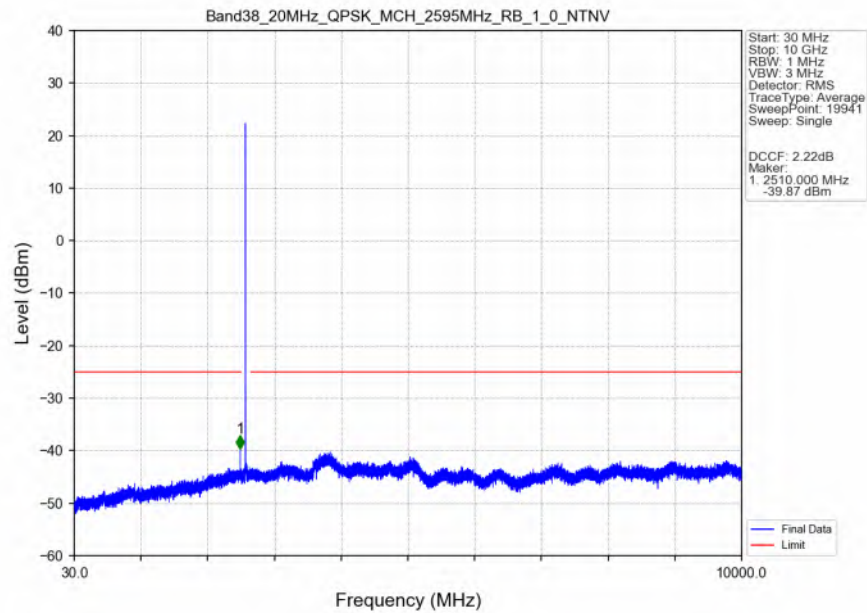


Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTV

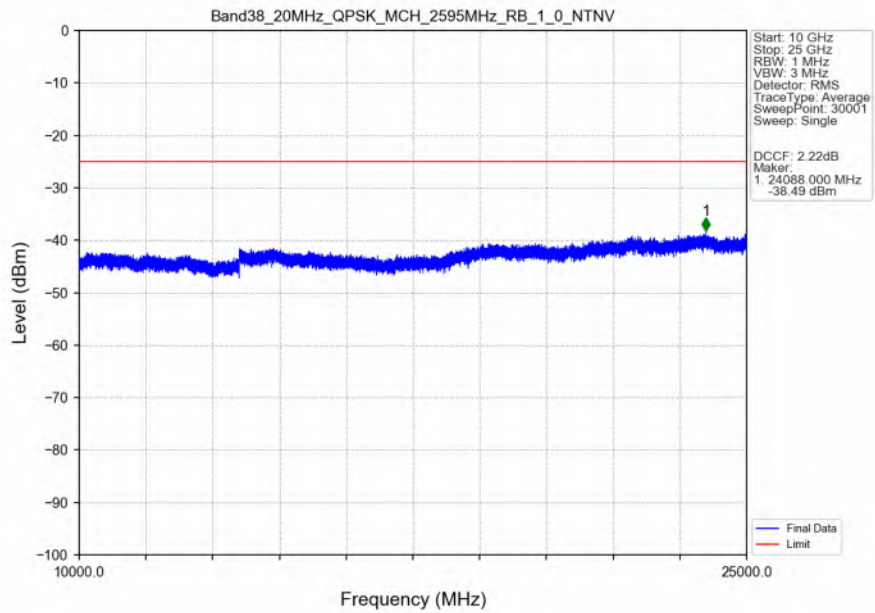


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.830	-46.88	-25	Pass
2490.5	2496	1	CHP	2	2490.565	-46.94	-13	Pass
2496	2547.926	1	CHP	3	2547.790	-36.86	-25	Pass
2547.926	2565	1	CHP	4	2562.070	-32.82	-13	Pass
2565	2569	1	CHP	5	2568.265	-29.12	-10	Pass
2569	2570	0.441	CHP	6	2569.945	-31.55	-10	Pass
2570	2590	0.441	CHP	/	/	/	/	/

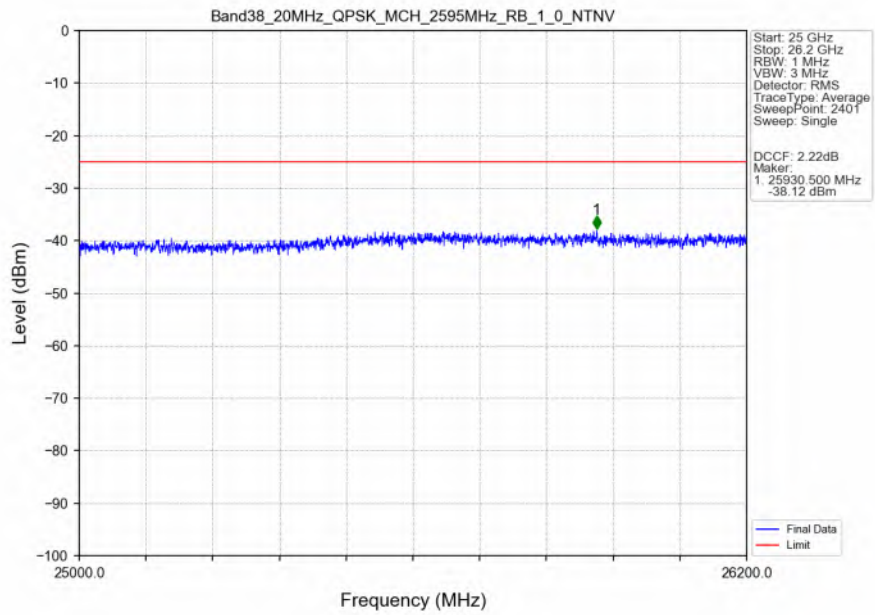
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTV



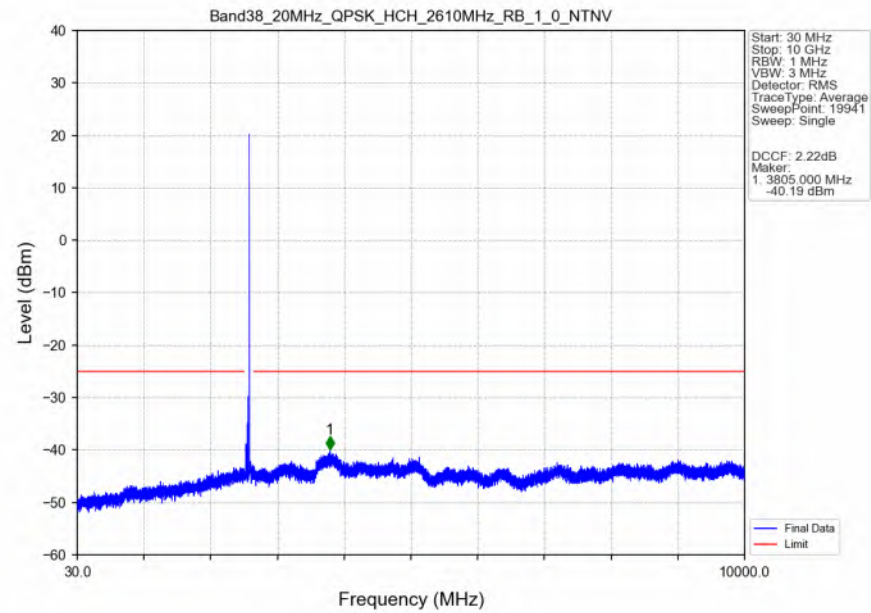
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTNV



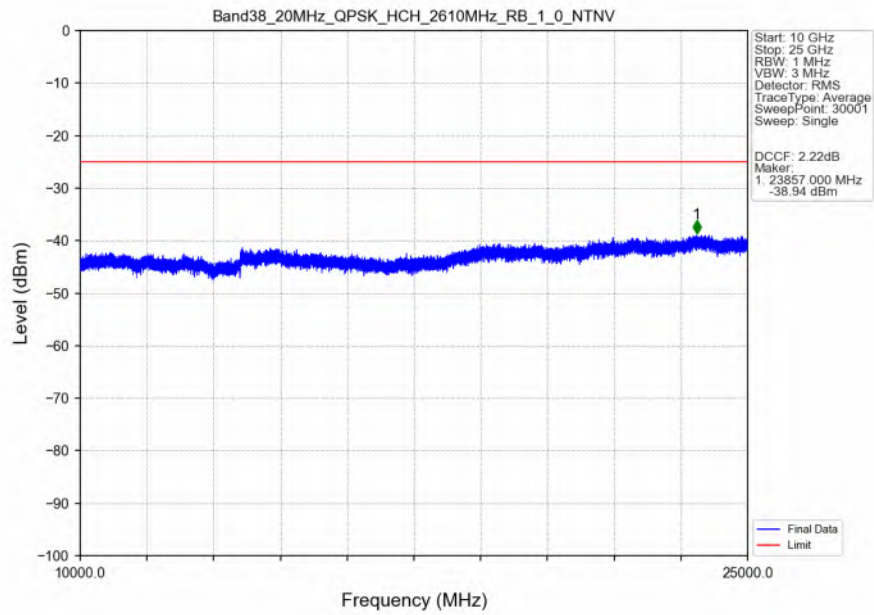
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTNV



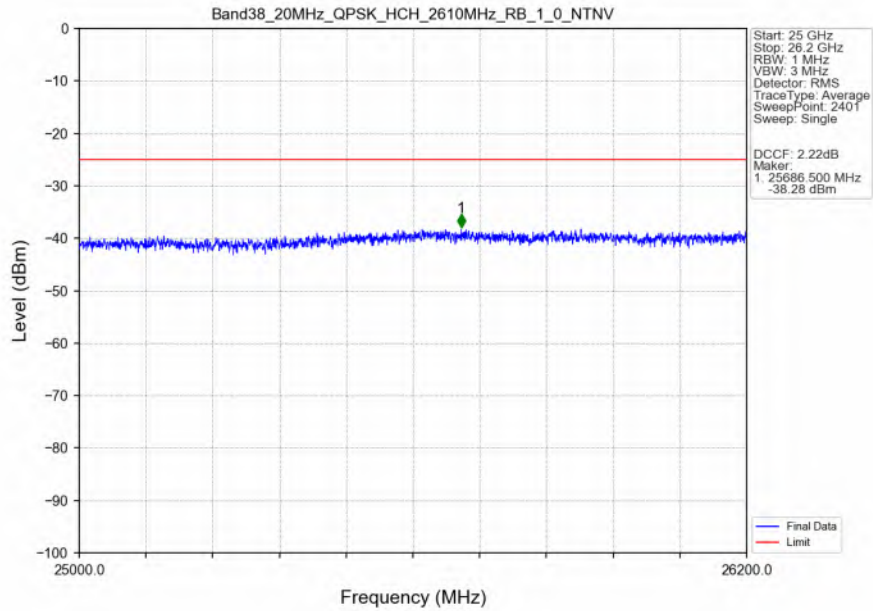
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTN



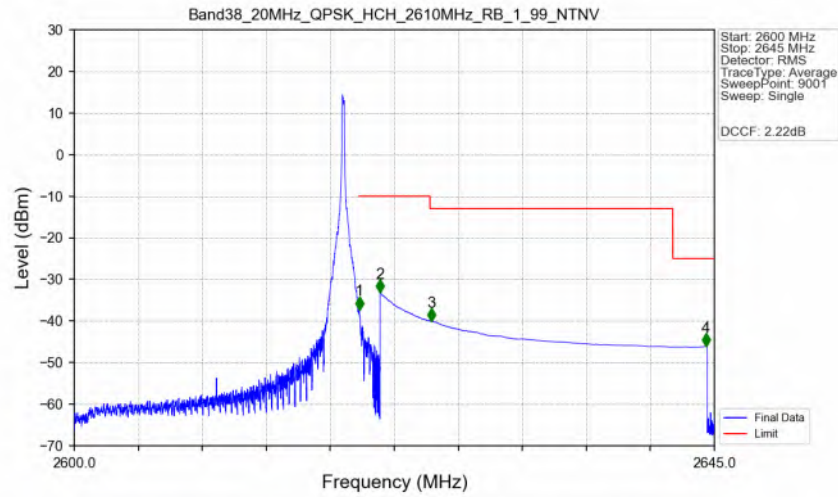
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTN



Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTV

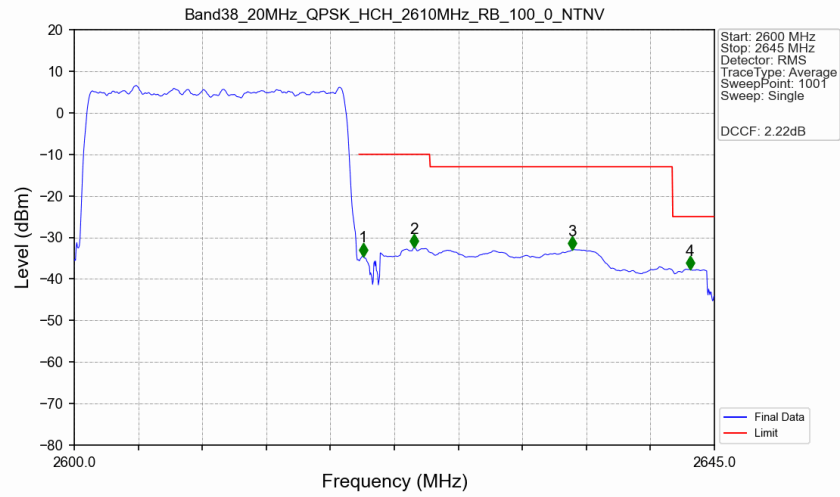


Band38 20MHz QPSK HCH 2610MHz RB 1 99 NTV



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	2620.035	-37.25	-10	Pass
2621	2625	1	CHP	2	2621.500	-33.17	-10	Pass
2625	2642.074	1	CHP	3	2625.100	-40.00	-13	Pass
2642.074	2645	1	CHP	4	2644.390	-46.07	-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	0.422	CHP	/	/	/	/	/
2620	2621	0.422	CHP	1	2620.295	-34.50	-10	Pass
2621	2625	1	CHP	2	2623.895	-32.48	-10	Pass
2625	2642.074	1	CHP	3	2635.010	-32.93	-13	Pass
2642.074	2645	1	CHP	4	2643.290	-37.64	-25	Pass