

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	24.01	-0.80	23.21	<=33.01	Pass
			13	23.92	-0.80	23.12	<=33.01	Pass
			24	23.98	-0.80	23.18	<=33.01	Pass
		12	0	22.80	-0.80	22.00	<=33.01	Pass
			6	22.70	-0.80	21.90	<=33.01	Pass
			13	22.77	-0.80	21.97	<=33.01	Pass
		25	0	22.87	-0.80	22.07	<=33.01	Pass
	2595	1	0	23.92	-0.80	23.12	<=33.01	Pass
			13	23.81	-0.80	23.01	<=33.01	Pass
			24	23.88	-0.80	23.08	<=33.01	Pass
		12	0	22.69	-0.80	21.89	<=33.01	Pass
			6	22.59	-0.80	21.79	<=33.01	Pass
			13	22.69	-0.80	21.89	<=33.01	Pass
		25	0	22.74	-0.80	21.94	<=33.01	Pass
	2617.5	1	0	24.06	-0.80	23.26	<=33.01	Pass
			13	24.01	-0.80	23.21	<=33.01	Pass
			24	24.07	-0.80	23.27	<=33.01	Pass
		12	0	22.93	-0.80	22.13	<=33.01	Pass
			6	22.82	-0.80	22.02	<=33.01	Pass
			13	22.90	-0.80	22.10	<=33.01	Pass
		25	0	22.97	-0.80	22.17	<=33.01	Pass
16QAM	2572.5	1	0	22.86	-0.80	22.06	<=33.01	Pass
			13	22.61	-0.80	21.81	<=33.01	Pass
			24	22.77	-0.80	21.97	<=33.01	Pass
		12	0	21.96	-0.80	21.16	<=33.01	Pass
			6	21.88	-0.80	21.08	<=33.01	Pass
			13	21.88	-0.80	21.08	<=33.01	Pass
		25	0	21.92	-0.80	21.12	<=33.01	Pass
	2595	1	0	23.08	-0.80	22.28	<=33.01	Pass
			13	22.91	-0.80	22.11	<=33.01	Pass
			24	22.93	-0.80	22.13	<=33.01	Pass
		12	0	21.84	-0.80	21.04	<=33.01	Pass
			6	21.78	-0.80	20.98	<=33.01	Pass
			13	21.78	-0.80	20.98	<=33.01	Pass
		25	0	21.72	-0.80	20.92	<=33.01	Pass
	2617.5	1	0	23.21	-0.80	22.41	<=33.01	Pass
			13	23.09	-0.80	22.29	<=33.01	Pass
			24	23.20	-0.80	22.40	<=33.01	Pass
		12	0	22.01	-0.80	21.21	<=33.01	Pass
			6	21.96	-0.80	21.16	<=33.01	Pass
			13	22.00	-0.80	21.20	<=33.01	Pass
		25	0	22.03	-0.80	21.23	<=33.01	Pass
64QAM	2572.5	1	0	21.69	-0.80	20.89	<=33.01	Pass
			13	21.61	-0.80	20.81	<=33.01	Pass
			24	21.31	-0.80	20.51	<=33.01	Pass
		12	0	21.07	-0.80	20.27	<=33.01	Pass
			6	20.98	-0.80	20.18	<=33.01	Pass
			13	20.99	-0.80	20.19	<=33.01	Pass

		25	0	21.03	-0.80	20.23	<=33.01	Pass
	2595	1	0	21.60	-0.80	20.80	<=33.01	Pass
			13	21.57	-0.80	20.77	<=33.01	Pass
			24	21.51	-0.80	20.71	<=33.01	Pass
			0	20.94	-0.80	20.14	<=33.01	Pass
		12	6	20.88	-0.80	20.08	<=33.01	Pass
			13	20.89	-0.80	20.09	<=33.01	Pass
			25	0	20.91	-0.80	20.11	<=33.01
	2617.5	1	0	21.84	-0.80	21.04	<=33.01	Pass
			13	21.77	-0.80	20.97	<=33.01	Pass
			24	21.84	-0.80	21.04	<=33.01	Pass
		12	0	21.13	-0.80	20.33	<=33.01	Pass
			6	21.08	-0.80	20.28	<=33.01	Pass
			13	21.10	-0.80	20.30	<=33.01	Pass
		25	0	21.12	-0.80	20.32	<=33.01	Pass
	256QAM	2572.5	1	0	19.03	-0.80	18.23	<=33.01
13				18.91	-0.80	18.11	<=33.01	Pass
24				18.93	-0.80	18.13	<=33.01	Pass
12			0	19.06	-0.80	18.26	<=33.01	Pass
			6	19.01	-0.80	18.21	<=33.01	Pass
			13	18.99	-0.80	18.19	<=33.01	Pass
25			0	19.03	-0.80	18.23	<=33.01	Pass
2595		1	0	18.98	-0.80	18.18	<=33.01	Pass
			13	18.90	-0.80	18.10	<=33.01	Pass
			24	18.91	-0.80	18.11	<=33.01	Pass
		12	0	18.96	-0.80	18.16	<=33.01	Pass
			6	18.91	-0.80	18.11	<=33.01	Pass
			13	18.90	-0.80	18.10	<=33.01	Pass
		25	0	18.90	-0.80	18.10	<=33.01	Pass
2617.5		1	0	19.20	-0.80	18.40	<=33.01	Pass
			13	19.13	-0.80	18.33	<=33.01	Pass
			24	19.13	-0.80	18.33	<=33.01	Pass
		12	0	19.12	-0.80	18.32	<=33.01	Pass
			6	19.11	-0.80	18.31	<=33.01	Pass
			13	19.13	-0.80	18.33	<=33.01	Pass
		25	0	19.11	-0.80	18.31	<=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	24.02	-0.80	23.22	<=33.01	Pass
			25	23.89	-0.80	23.09	<=33.01	Pass
			49	23.93	-0.80	23.13	<=33.01	Pass
		25	0	22.87	-0.80	22.07	<=33.01	Pass
			13	22.83	-0.80	22.03	<=33.01	Pass
			25	22.88	-0.80	22.08	<=33.01	Pass
		50	0	22.87	-0.80	22.07	<=33.01	Pass
	2595	1	0	23.96	-0.80	23.16	<=33.01	Pass
			25	23.81	-0.80	23.01	<=33.01	Pass
			49	23.89	-0.80	23.09	<=33.01	Pass
		25	0	22.78	-0.80	21.98	<=33.01	Pass
			13	22.68	-0.80	21.88	<=33.01	Pass
			25	22.72	-0.80	21.92	<=33.01	Pass
		50	0	22.72	-0.80	21.92	<=33.01	Pass
			0	22.72	-0.80	21.92	<=33.01	Pass

	2615	1	0	24.05	-0.80	23.25	<=33.01	Pass		
			25	23.98	-0.80	23.18	<=33.01	Pass		
			49	24.08	-0.80	23.28	<=33.01	Pass		
		25	0	22.98	-0.80	22.18	<=33.01	Pass		
			13	22.89	-0.80	22.09	<=33.01	Pass		
			25	22.97	-0.80	22.17	<=33.01	Pass		
		50	0	22.96	-0.80	22.16	<=33.01	Pass		
		16QAM	2575	1	0	23.18	-0.80	22.38	<=33.01	Pass
					25	23.02	-0.80	22.22	<=33.01	Pass
49	23.06				-0.80	22.26	<=33.01	Pass		
25	0			21.97	-0.80	21.17	<=33.01	Pass		
	13			21.87	-0.80	21.07	<=33.01	Pass		
	25			21.86	-0.80	21.06	<=33.01	Pass		
50	0			21.90	-0.80	21.10	<=33.01	Pass		
2595	1			0	23.09	-0.80	22.29	<=33.01	Pass	
				25	22.94	-0.80	22.14	<=33.01	Pass	
			49	22.94	-0.80	22.14	<=33.01	Pass		
	25		0	21.90	-0.80	21.10	<=33.01	Pass		
			13	21.77	-0.80	20.97	<=33.01	Pass		
			25	21.58	-0.80	20.78	<=33.01	Pass		
	50		0	21.87	-0.80	21.07	<=33.01	Pass		
	2615		1	0	23.23	-0.80	22.43	<=33.01	Pass	
				25	23.16	-0.80	22.36	<=33.01	Pass	
49				23.27	-0.80	22.47	<=33.01	Pass		
25			0	22.05	-0.80	21.25	<=33.01	Pass		
			13	21.99	-0.80	21.19	<=33.01	Pass		
			25	22.03	-0.80	21.23	<=33.01	Pass		
50			0	22.05	-0.80	21.25	<=33.01	Pass		
64QAM		2575	1	0	21.72	-0.80	20.92	<=33.01	Pass	
				25	21.54	-0.80	20.74	<=33.01	Pass	
	49			21.58	-0.80	20.78	<=33.01	Pass		
	25		0	21.06	-0.80	20.26	<=33.01	Pass		
			13	20.96	-0.80	20.16	<=33.01	Pass		
			25	20.93	-0.80	20.13	<=33.01	Pass		
	50		0	20.95	-0.80	20.15	<=33.01	Pass		
	2595		1	0	21.68	-0.80	20.88	<=33.01	Pass	
				25	21.53	-0.80	20.73	<=33.01	Pass	
		49		21.63	-0.80	20.83	<=33.01	Pass		
		25	0	20.96	-0.80	20.16	<=33.01	Pass		
			13	20.89	-0.80	20.09	<=33.01	Pass		
			25	20.88	-0.80	20.08	<=33.01	Pass		
		50	0	20.92	-0.80	20.12	<=33.01	Pass		
		2615	1	0	21.77	-0.80	20.97	<=33.01	Pass	
				25	21.69	-0.80	20.89	<=33.01	Pass	
	49			21.76	-0.80	20.96	<=33.01	Pass		
	25		0	21.10	-0.80	20.30	<=33.01	Pass		
13			21.08	-0.80	20.28	<=33.01	Pass			
25			21.08	-0.80	20.28	<=33.01	Pass			
50	0		21.07	-0.80	20.27	<=33.01	Pass			
256QAM	2575		1	0	19.06	-0.80	18.26	<=33.01	Pass	
				25	18.88	-0.80	18.08	<=33.01	Pass	
		49		18.93	-0.80	18.13	<=33.01	Pass		
		25	0	19.01	-0.80	18.21	<=33.01	Pass		
			13	18.88	-0.80	18.08	<=33.01	Pass		
			25	18.86	-0.80	18.06	<=33.01	Pass		
		50	0	19.01	-0.80	18.21	<=33.01	Pass		
		2595	1	0	19.05	-0.80	18.25	<=33.01	Pass	
				25	18.90	-0.80	18.10	<=33.01	Pass	
49	18.99			-0.80	18.19	<=33.01	Pass			

		25	0	18.94	-0.80	18.14	<=33.01	Pass
			13	18.84	-0.80	18.04	<=33.01	Pass
			25	18.86	-0.80	18.06	<=33.01	Pass
		50	0	18.94	-0.80	18.14	<=33.01	Pass
	2615	1	0	19.16	-0.80	18.36	<=33.01	Pass
			25	19.08	-0.80	18.28	<=33.01	Pass
			49	19.19	-0.80	18.39	<=33.01	Pass
		25	0	19.09	-0.80	18.29	<=33.01	Pass
			13	19.04	-0.80	18.24	<=33.01	Pass
			25	19.09	-0.80	18.29	<=33.01	Pass
		50	0	19.12	-0.80	18.32	<=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	24.00	-0.80	23.20	<=33.01	Pass
			38	23.88	-0.80	23.08	<=33.01	Pass
			74	23.85	-0.80	23.05	<=33.01	Pass
		36	0	22.88	-0.80	22.08	<=33.01	Pass
			18	22.78	-0.80	21.98	<=33.01	Pass
			39	22.78	-0.80	21.98	<=33.01	Pass
		75	0	22.82	-0.80	22.02	<=33.01	Pass
	2595	1	0	23.98	-0.80	23.18	<=33.01	Pass
			38	23.80	-0.80	23.00	<=33.01	Pass
			74	23.86	-0.80	23.06	<=33.01	Pass
		36	0	22.80	-0.80	22.00	<=33.01	Pass
			18	22.69	-0.80	21.89	<=33.01	Pass
			39	22.75	-0.80	21.95	<=33.01	Pass
		75	0	22.63	-0.80	21.83	<=33.01	Pass
	2612.5	1	0	24.02	-0.80	23.22	<=33.01	Pass
			38	23.96	-0.80	23.16	<=33.01	Pass
			74	24.08	-0.80	23.28	<=33.01	Pass
		36	0	22.89	-0.80	22.09	<=33.01	Pass
			18	22.86	-0.80	22.06	<=33.01	Pass
			39	22.91	-0.80	22.11	<=33.01	Pass
		75	0	22.92	-0.80	22.12	<=33.01	Pass
16QAM	2577.5	1	0	23.15	-0.80	22.35	<=33.01	Pass
			38	23.04	-0.80	22.24	<=33.01	Pass
			74	23.07	-0.80	22.27	<=33.01	Pass
		36	0	21.86	-0.80	21.06	<=33.01	Pass
			18	21.78	-0.80	20.98	<=33.01	Pass
			39	21.79	-0.80	20.99	<=33.01	Pass
		75	0	21.83	-0.80	21.03	<=33.01	Pass
	2595	1	0	23.16	-0.80	22.36	<=33.01	Pass
			38	23.05	-0.80	22.25	<=33.01	Pass
			74	23.05	-0.80	22.25	<=33.01	Pass
		36	0	21.83	-0.80	21.03	<=33.01	Pass
			18	21.78	-0.80	20.98	<=33.01	Pass
			39	21.65	-0.80	20.85	<=33.01	Pass
		75	0	21.63	-0.80	20.83	<=33.01	Pass
	2612.5	1	0	23.18	-0.80	22.38	<=33.01	Pass
			38	23.20	-0.80	22.40	<=33.01	Pass
			74	23.22	-0.80	22.42	<=33.01	Pass
		36	0	21.94	-0.80	21.14	<=33.01	Pass

			18	21.92	-0.80	21.12	<=33.01	Pass	
			39	21.93	-0.80	21.13	<=33.01	Pass	
		75	0	21.97	-0.80	21.17	<=33.01	Pass	
64QAM	2577.5	1	0	21.71	-0.80	20.91	<=33.01	Pass	
			38	21.53	-0.80	20.73	<=33.01	Pass	
			74	21.55	-0.80	20.75	<=33.01	Pass	
		36	0	20.94	-0.80	20.14	<=33.01	Pass	
			18	20.81	-0.80	20.01	<=33.01	Pass	
			39	20.83	-0.80	20.03	<=33.01	Pass	
		75	0	20.91	-0.80	20.11	<=33.01	Pass	
		2595	1	0	21.65	-0.80	20.85	<=33.01	Pass
				38	21.55	-0.80	20.75	<=33.01	Pass
	74			21.57	-0.80	20.77	<=33.01	Pass	
	36		0	20.89	-0.80	20.09	<=33.01	Pass	
			18	20.83	-0.80	20.03	<=33.01	Pass	
			39	20.78	-0.80	19.98	<=33.01	Pass	
	75		0	20.85	-0.80	20.05	<=33.01	Pass	
	2612.5		1	0	21.71	-0.80	20.91	<=33.01	Pass
				38	21.70	-0.80	20.90	<=33.01	Pass
		74		21.75	-0.80	20.95	<=33.01	Pass	
		36	0	20.98	-0.80	20.18	<=33.01	Pass	
			18	20.97	-0.80	20.17	<=33.01	Pass	
			39	20.99	-0.80	20.19	<=33.01	Pass	
		75	0	21.04	-0.80	20.24	<=33.01	Pass	
256QAM		2577.5	1	0	19.04	-0.80	18.24	<=33.01	Pass
				38	18.89	-0.80	18.09	<=33.01	Pass
	74			18.88	-0.80	18.08	<=33.01	Pass	
	36		0	18.94	-0.80	18.14	<=33.01	Pass	
			18	18.86	-0.80	18.06	<=33.01	Pass	
			39	18.87	-0.80	18.07	<=33.01	Pass	
	75		0	18.92	-0.80	18.12	<=33.01	Pass	
	2595		1	0	18.98	-0.80	18.18	<=33.01	Pass
				38	18.91	-0.80	18.11	<=33.01	Pass
		74		18.93	-0.80	18.13	<=33.01	Pass	
		36	0	18.92	-0.80	18.12	<=33.01	Pass	
			18	18.88	-0.80	18.08	<=33.01	Pass	
			39	18.71	-0.80	17.91	<=33.01	Pass	
		75	0	18.88	-0.80	18.08	<=33.01	Pass	
		2612.5	1	0	19.08	-0.80	18.28	<=33.01	Pass
				38	19.05	-0.80	18.25	<=33.01	Pass
	74			19.16	-0.80	18.36	<=33.01	Pass	
	36		0	19.00	-0.80	18.20	<=33.01	Pass	
			18	19.00	-0.80	18.20	<=33.01	Pass	
			39	19.02	-0.80	18.22	<=33.01	Pass	
	75		0	19.05	-0.80	18.25	<=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	23.97	-0.80	23.17	<=33.01	Pass
			50	23.83	-0.80	23.03	<=33.01	Pass
			99	23.77	-0.80	22.97	<=33.01	Pass
		50	0	22.92	-0.80	22.12	<=33.01	Pass
			25	22.82	-0.80	22.02	<=33.01	Pass

			50	22.79	-0.80	21.99	<=33.01	Pass	
		100	0	22.82	-0.80	22.02	<=33.01	Pass	
		2595	1	0	23.96	-0.80	23.16	<=33.01	Pass
				50	23.82	-0.80	23.02	<=33.01	Pass
				99	23.81	-0.80	23.01	<=33.01	Pass
				0	22.85	-0.80	22.05	<=33.01	Pass
			50	25	22.74	-0.80	21.94	<=33.01	Pass
		50		22.75	-0.80	21.95	<=33.01	Pass	
		100		0	22.77	-0.80	21.97	<=33.01	Pass
		2610	1	0	23.99	-0.80	23.19	<=33.01	Pass
	50			23.95	-0.80	23.15	<=33.01	Pass	
	99			24.02	-0.80	23.22	<=33.01	Pass	
	50		0	22.91	-0.80	22.11	<=33.01	Pass	
			25	22.86	-0.80	22.06	<=33.01	Pass	
		50	22.92	-0.80	22.12	<=33.01	Pass		
	100	0	22.88	-0.80	22.08	<=33.01	Pass		
16QAM	2580	1	0	23.17	-0.80	22.37	<=33.01	Pass	
			50	23.00	-0.80	22.20	<=33.01	Pass	
			99	22.94	-0.80	22.14	<=33.01	Pass	
		50	0	21.91	-0.80	21.11	<=33.01	Pass	
			25	21.81	-0.80	21.01	<=33.01	Pass	
			50	21.77	-0.80	20.97	<=33.01	Pass	
		100	0	21.88	-0.80	21.08	<=33.01	Pass	
		2595	1	0	23.08	-0.80	22.28	<=33.01	Pass
				50	22.87	-0.80	22.07	<=33.01	Pass
				99	22.71	-0.80	21.91	<=33.01	Pass
	50		0	21.92	-0.80	21.12	<=33.01	Pass	
			25	21.84	-0.80	21.04	<=33.01	Pass	
			50	21.82	-0.80	21.02	<=33.01	Pass	
	100		0	21.89	-0.80	21.09	<=33.01	Pass	
	2610	1	0	23.20	-0.80	22.40	<=33.01	Pass	
			50	23.11	-0.80	22.31	<=33.01	Pass	
			99	23.19	-0.80	22.39	<=33.01	Pass	
		50	0	22.01	-0.80	21.21	<=33.01	Pass	
			25	21.99	-0.80	21.19	<=33.01	Pass	
			50	22.01	-0.80	21.21	<=33.01	Pass	
		100	0	22.01	-0.80	21.21	<=33.01	Pass	
	64QAM	2580	1	0	21.72	-0.80	20.92	<=33.01	Pass
				50	21.56	-0.80	20.76	<=33.01	Pass
				99	21.55	-0.80	20.75	<=33.01	Pass
			50	0	20.96	-0.80	20.16	<=33.01	Pass
25				20.89	-0.80	20.09	<=33.01	Pass	
50				20.85	-0.80	20.05	<=33.01	Pass	
100			0	20.94	-0.80	20.14	<=33.01	Pass	
2595			1	0	21.71	-0.80	20.91	<=33.01	Pass
				50	21.55	-0.80	20.75	<=33.01	Pass
				99	21.57	-0.80	20.77	<=33.01	Pass
		50	0	20.96	-0.80	20.16	<=33.01	Pass	
			25	20.91	-0.80	20.11	<=33.01	Pass	
			50	20.84	-0.80	20.04	<=33.01	Pass	
		100	0	20.95	-0.80	20.15	<=33.01	Pass	
2610		1	0	21.73	-0.80	20.93	<=33.01	Pass	
			50	21.69	-0.80	20.89	<=33.01	Pass	
			99	21.76	-0.80	20.96	<=33.01	Pass	
		50	0	21.05	-0.80	20.25	<=33.01	Pass	
			25	21.03	-0.80	20.23	<=33.01	Pass	
			50	21.05	-0.80	20.25	<=33.01	Pass	
		100	0	21.07	-0.80	20.27	<=33.01	Pass	
		256QAM	2580	1	0	19.05	-0.80	18.25	<=33.01

			50	18.87	-0.80	18.07	<=33.01	Pass
			99	18.85	-0.80	18.05	<=33.01	Pass
		50	0	19.01	-0.80	18.21	<=33.01	Pass
			25	18.94	-0.80	18.14	<=33.01	Pass
			50	18.88	-0.80	18.08	<=33.01	Pass
		100	0	18.90	-0.80	18.10	<=33.01	Pass
	2595	1	0	19.06	-0.80	18.26	<=33.01	Pass
			50	18.93	-0.80	18.13	<=33.01	Pass
			99	18.97	-0.80	18.17	<=33.01	Pass
		50	0	18.99	-0.80	18.19	<=33.01	Pass
			25	18.93	-0.80	18.13	<=33.01	Pass
			50	18.88	-0.80	18.08	<=33.01	Pass
	100	0	18.94	-0.80	18.14	<=33.01	Pass	
	2610	1	0	19.13	-0.80	18.33	<=33.01	Pass
			50	19.08	-0.80	18.28	<=33.01	Pass
			99	19.18	-0.80	18.38	<=33.01	Pass
		50	0	19.07	-0.80	18.27	<=33.01	Pass
			25	19.07	-0.80	18.27	<=33.01	Pass
			50	19.06	-0.80	18.26	<=33.01	Pass
	100	0	19.04	-0.80	18.24	<=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	-2.875	-0.0011	-2.5 to 2.5	Pass
					NV	-0.343	-0.0001	-2.5 to 2.5	Pass
					HV	0.100	0.0000	-2.5 to 2.5	Pass
				-30	NV	-1.674	-0.0006	-2.5 to 2.5	Pass
				-20	NV	-4.435	-0.0017	-2.5 to 2.5	Pass
				-10	NV	-3.405	-0.0013	-2.5 to 2.5	Pass
				0	NV	-0.715	-0.0003	-2.5 to 2.5	Pass
				10	NV	-3.476	-0.0013	-2.5 to 2.5	Pass
				30	NV	-2.160	-0.0008	-2.5 to 2.5	Pass
				40	NV	-2.403	-0.0009	-2.5 to 2.5	Pass
				50	NV	-1.545	-0.0006	-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	4.550	/	Pass

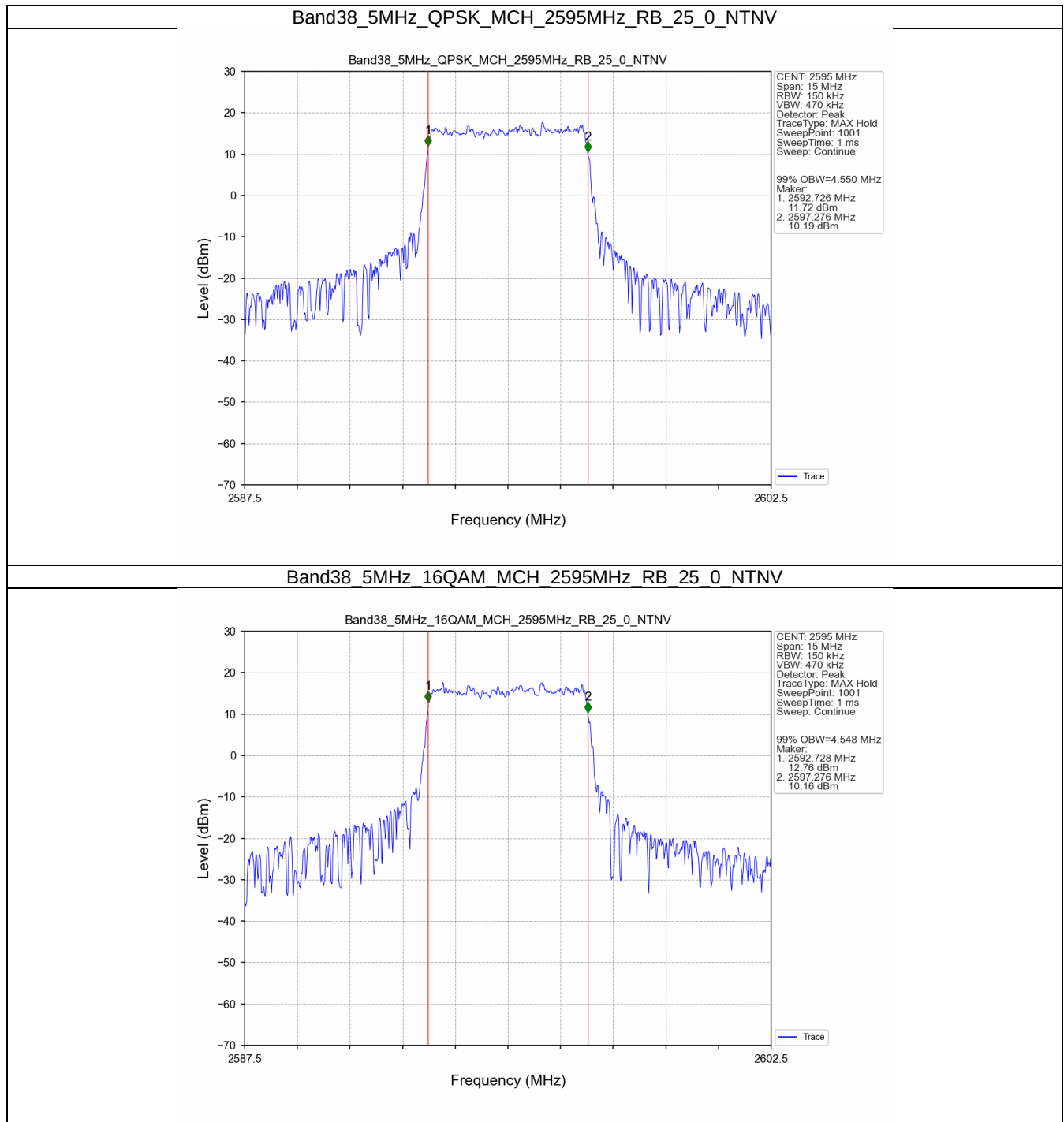
	16QAM	2595	25	0	4.548	/	Pass
10	QPSK	2595	50	0	9.067	/	Pass
	16QAM	2595	50	0	9.104	/	Pass
15	QPSK	2595	75	0	13.649	/	Pass
	16QAM	2595	75	0	13.606	/	Pass
20	QPSK	2595	100	0	18.224	/	Pass
	16QAM	2595	100	0	18.176	/	Pass

3.1.2 Band38_XDB

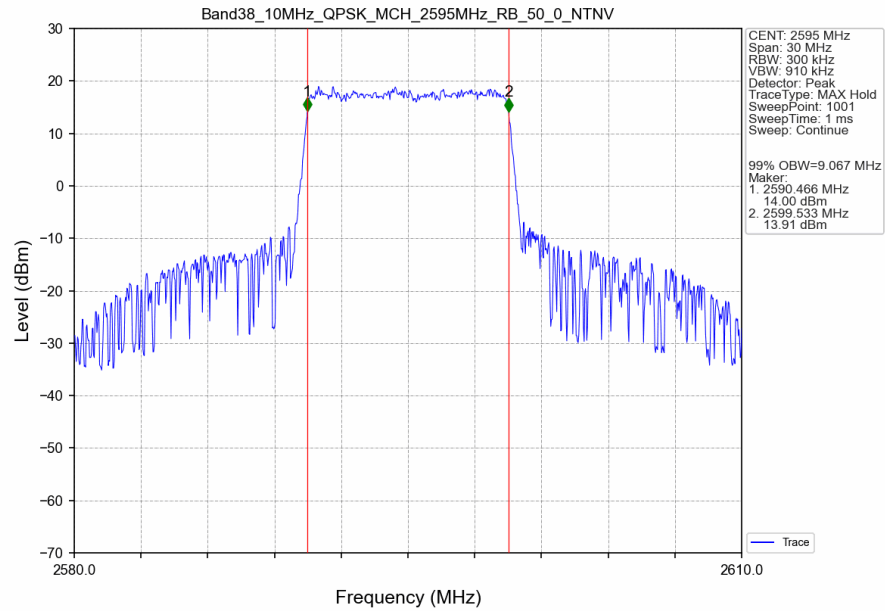
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2595	25	0	5.093	/	Pass
	16QAM	2595	25	0	5.213	/	Pass
10	QPSK	2595	50	0	10.223	/	Pass
	16QAM	2595	50	0	10.461	/	Pass
15	QPSK	2595	75	0	16.796	/	Pass
	16QAM	2595	75	0	16.232	/	Pass
20	QPSK	2595	100	0	30.136	/	Pass
	16QAM	2595	100	0	27.925	/	Pass

3.2 Test Graph

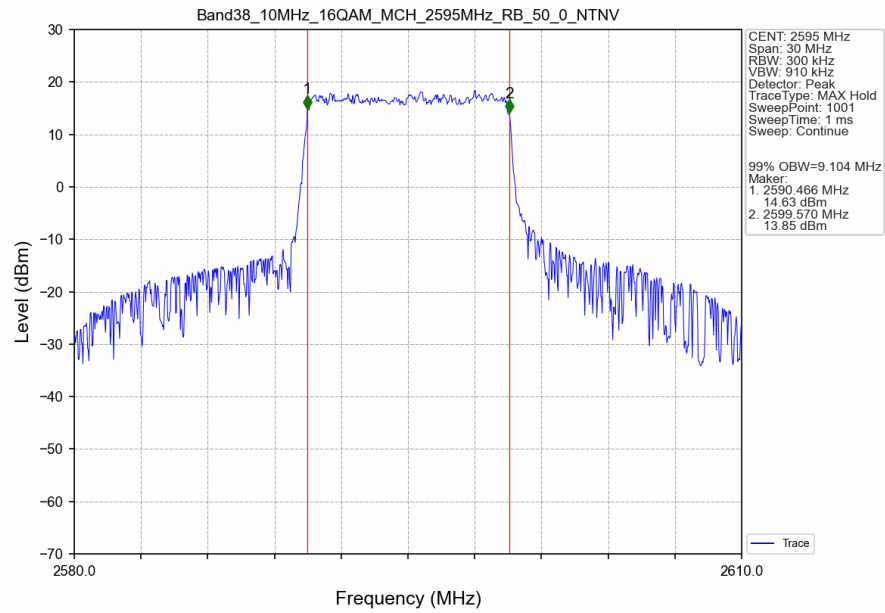
3.2.1 Band38_OBW



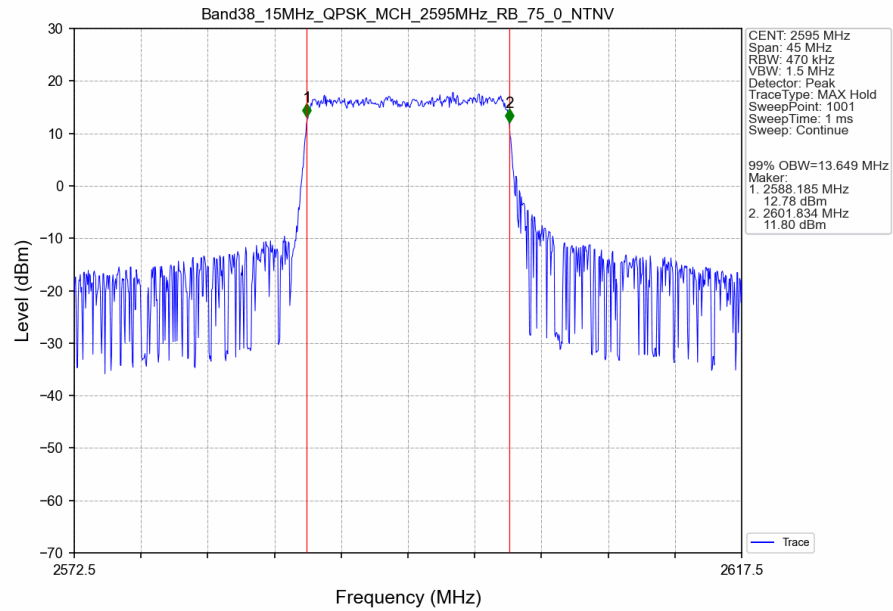
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



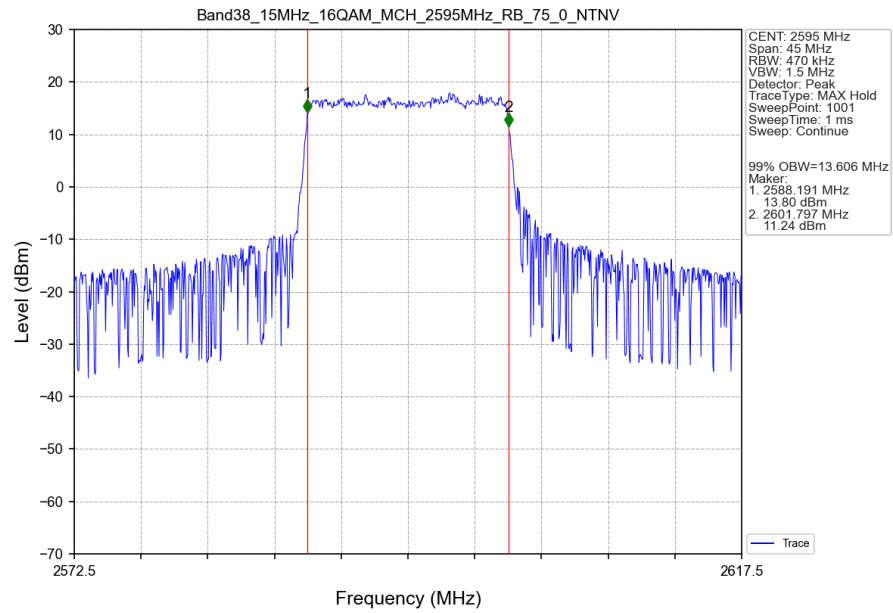
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



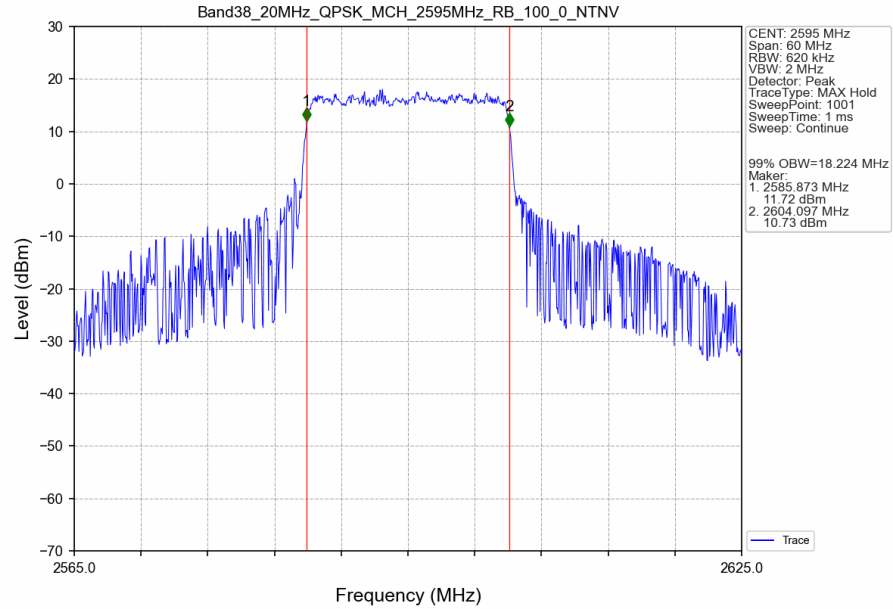
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



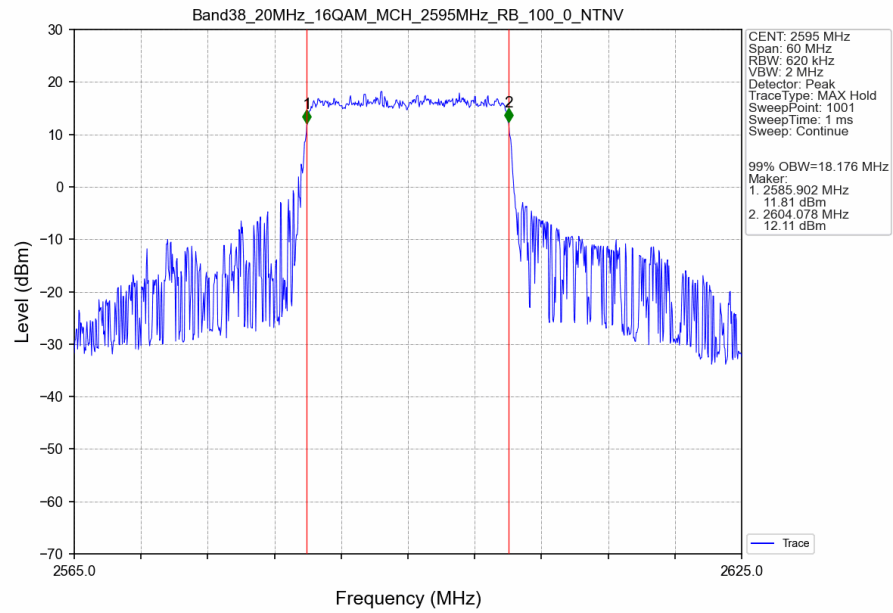
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



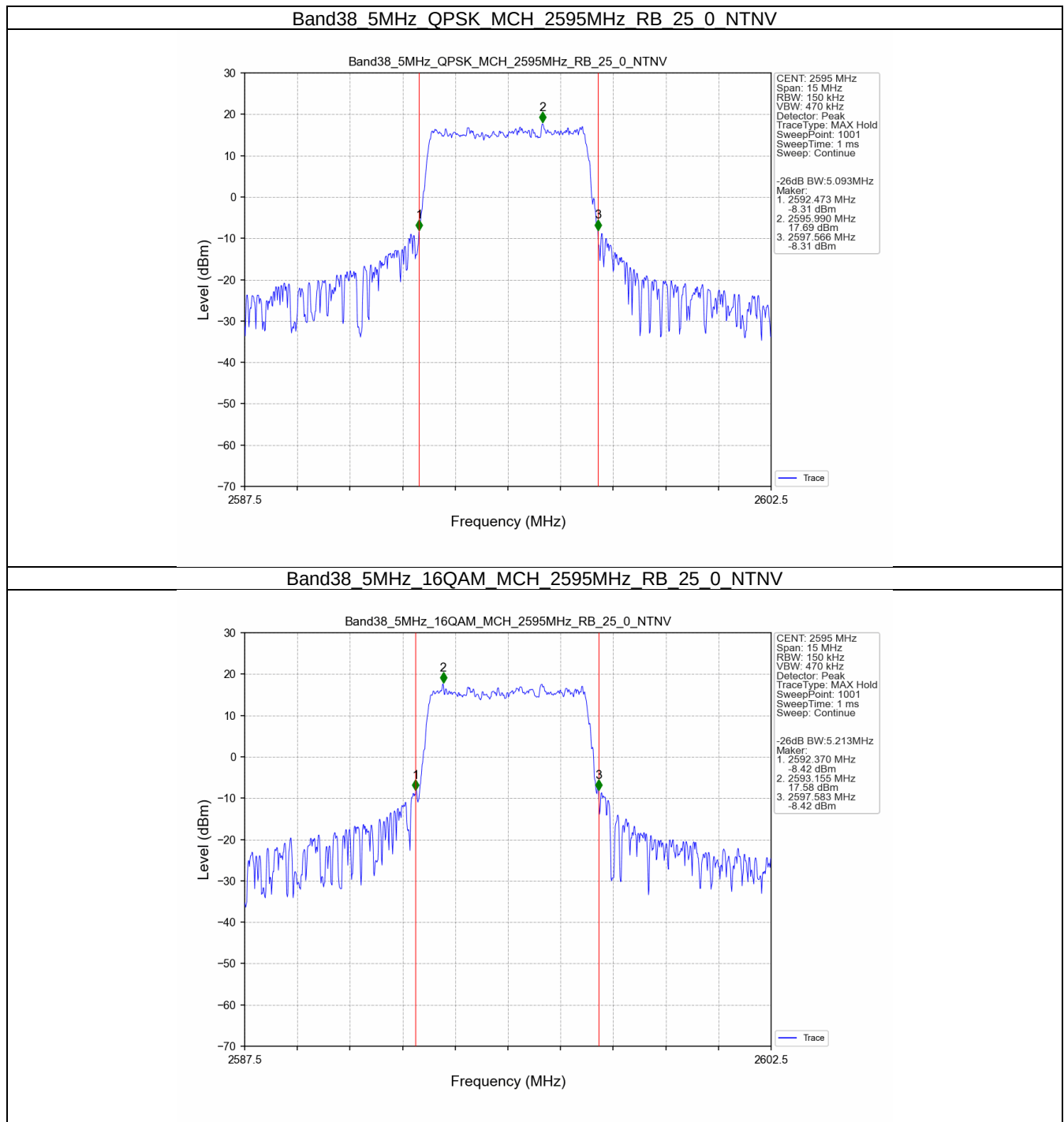
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



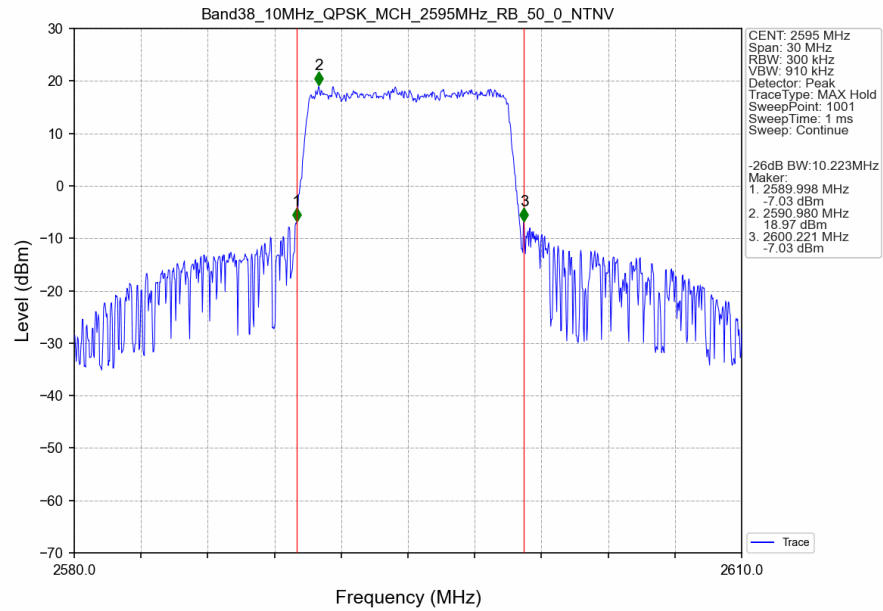
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



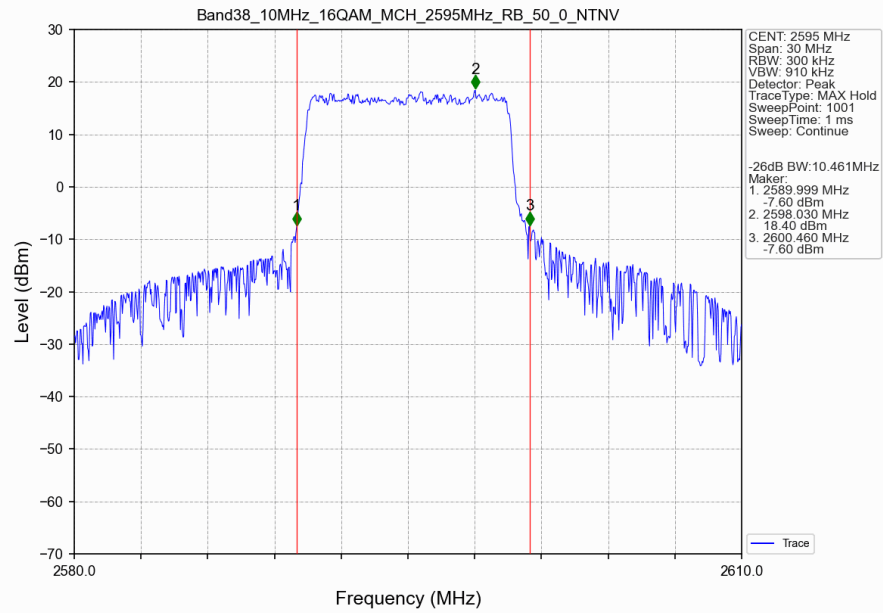
3.2.2 Band38_XDB



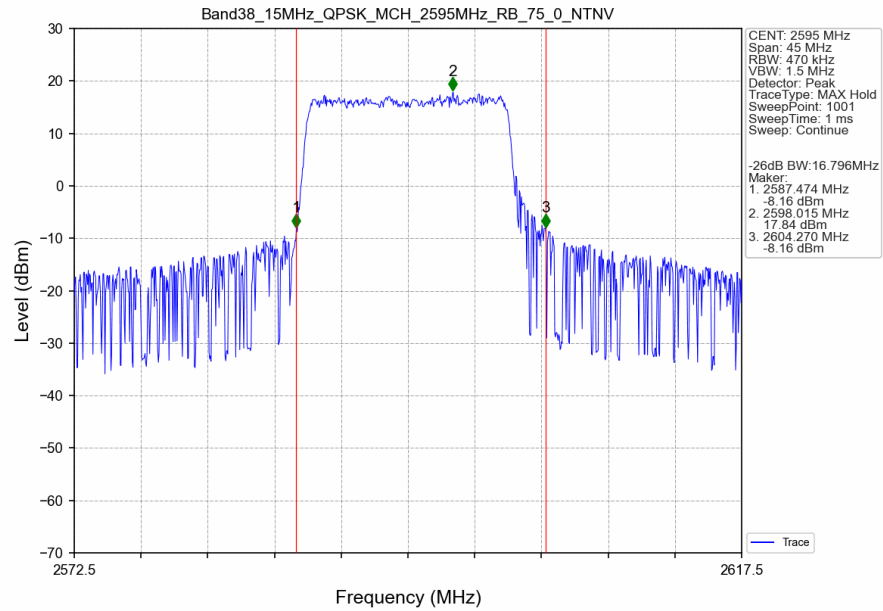
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



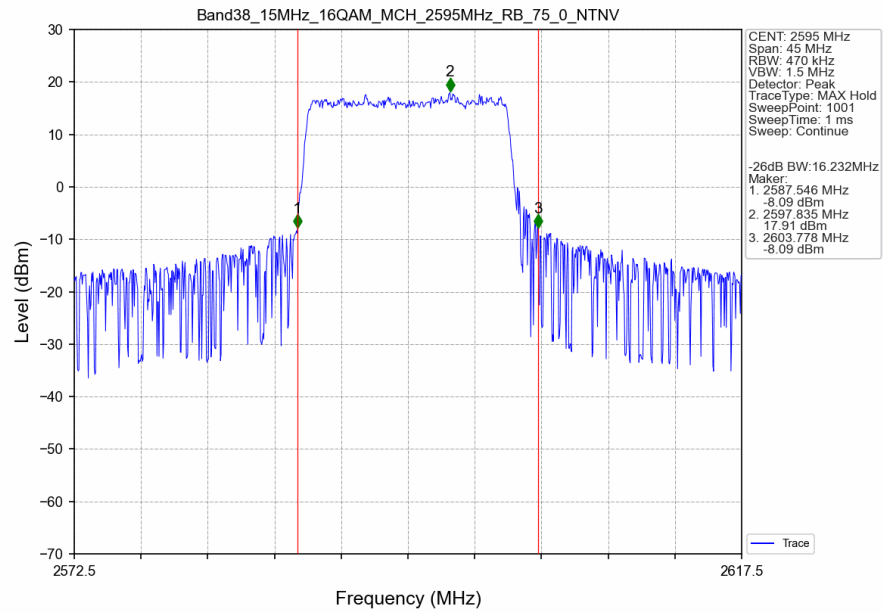
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



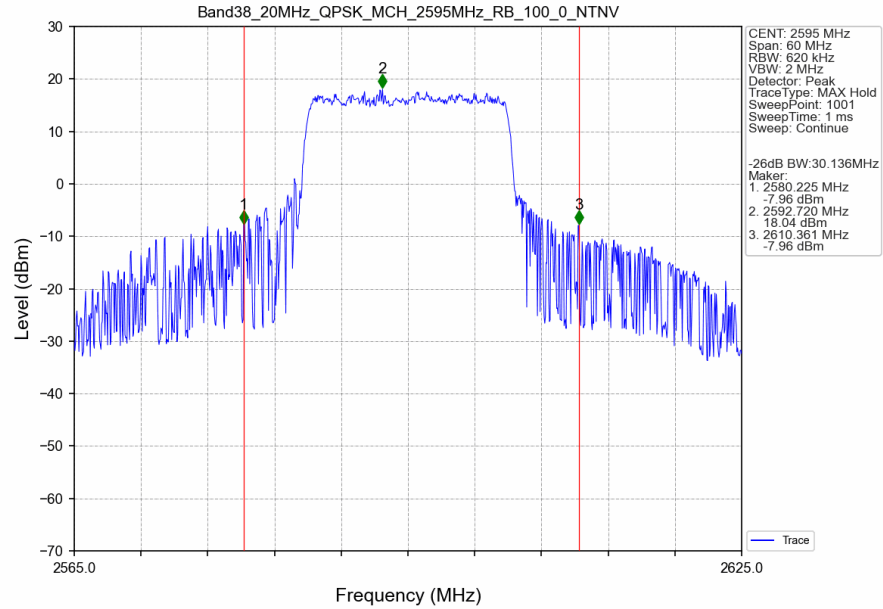
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



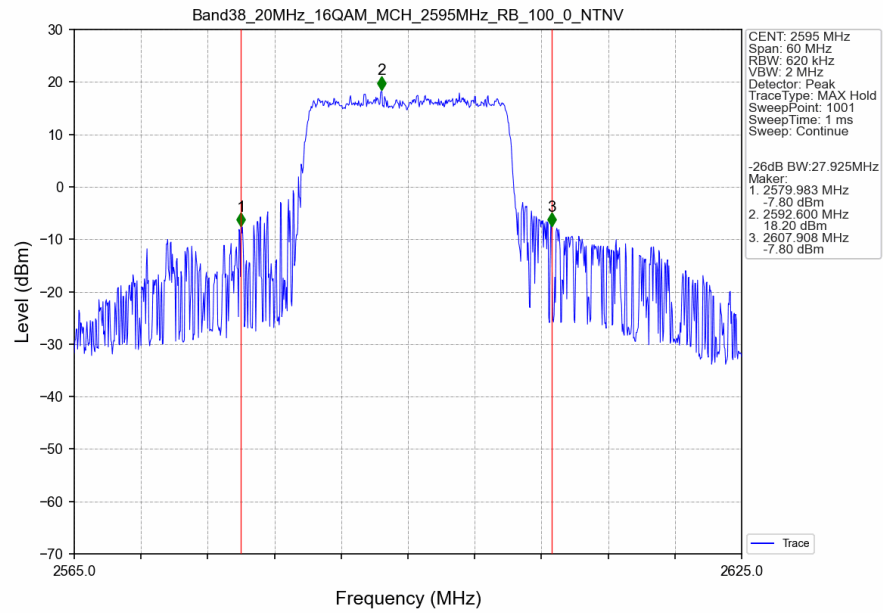
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



4. Peak-Average Ratio

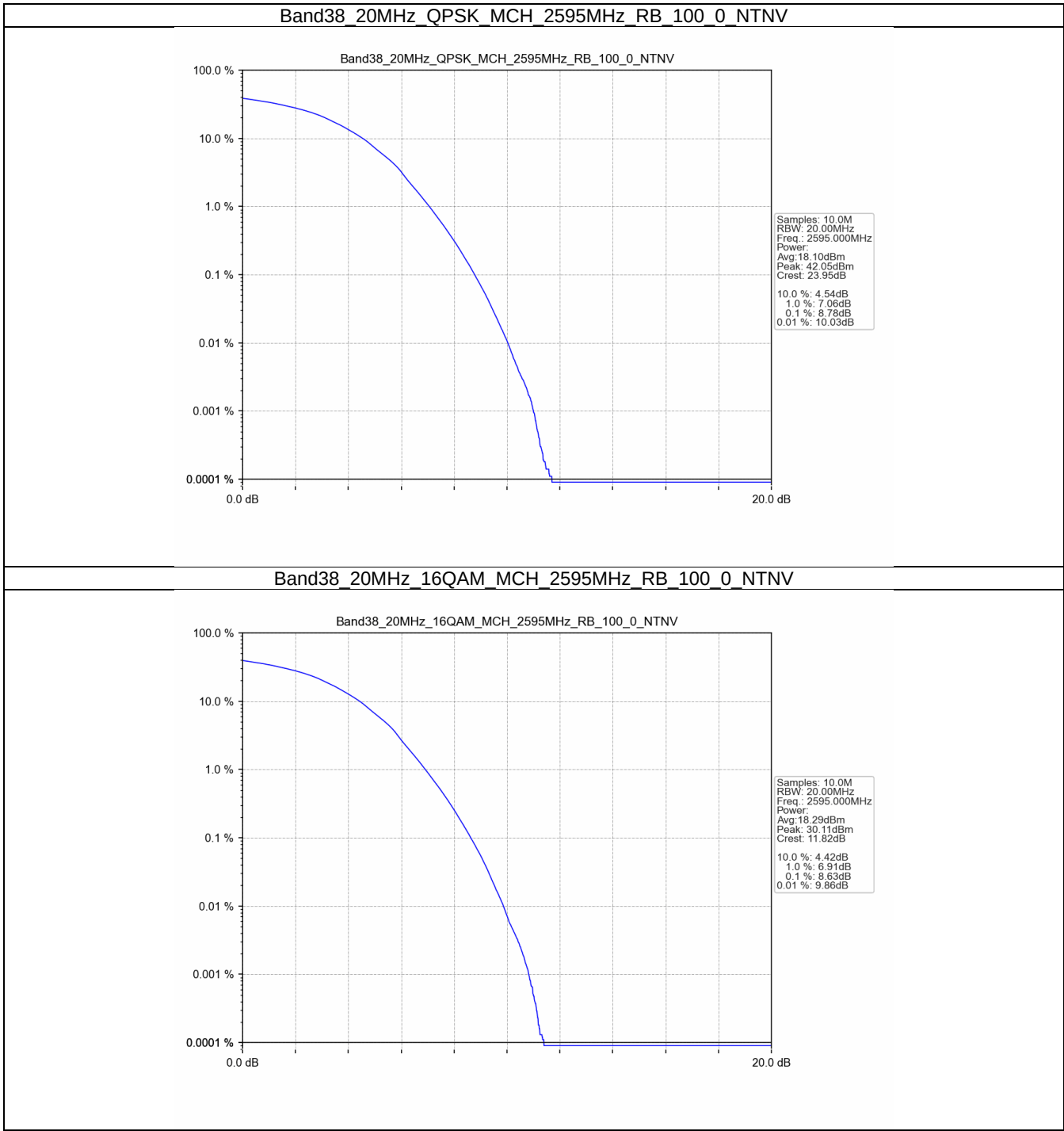
4.1 Test Result

4.1.1 B38_20MHz

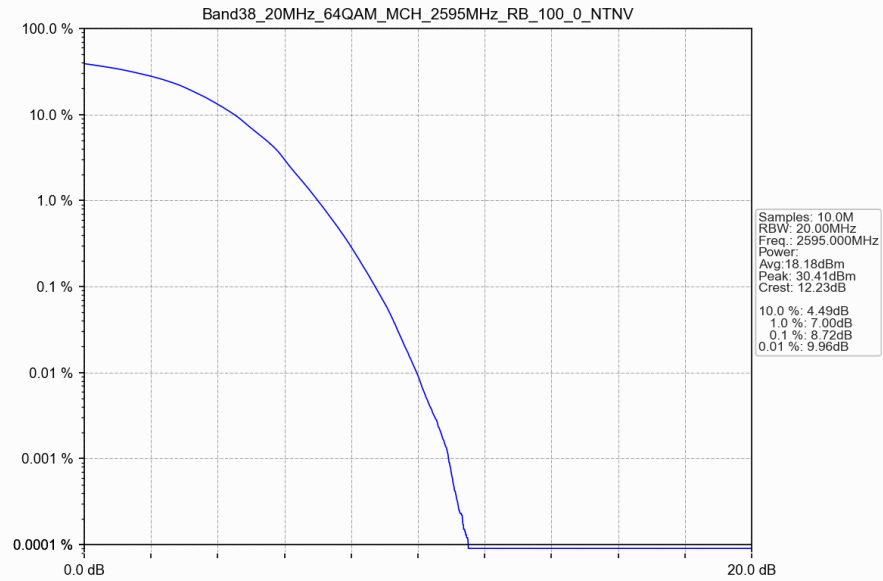
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2595	100	0	8.78	<=13	Pass
16QAM	2595	100	0	8.63	<=13	Pass
64QAM	2595	100	0	8.72	<=13	Pass
256QAM	2595	100	0	8.64	<=13	Pass

4.2 Test Graph

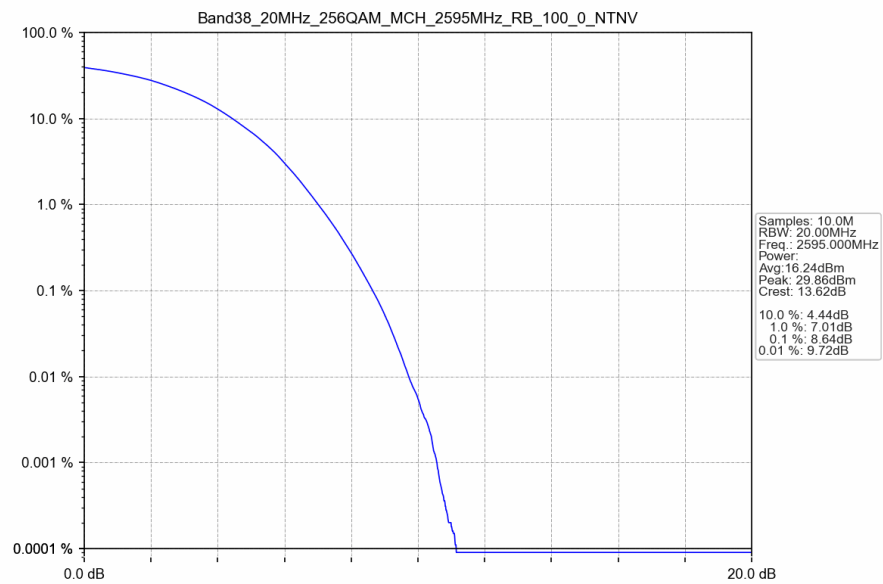
4.2.1 B38_20MHz



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_256QAM_MCH_2595MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz / NTVN						
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

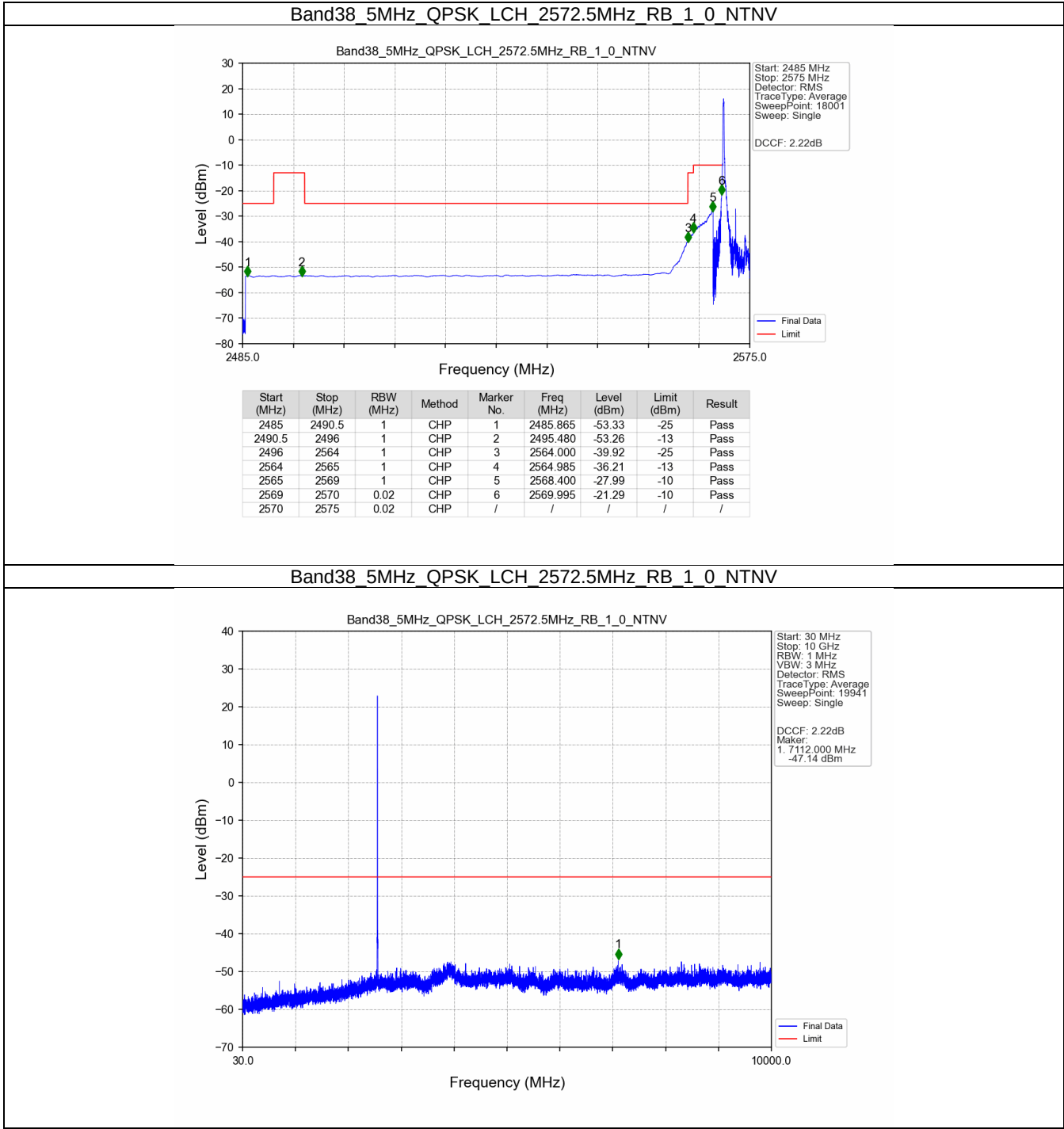
Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B38_20MHz

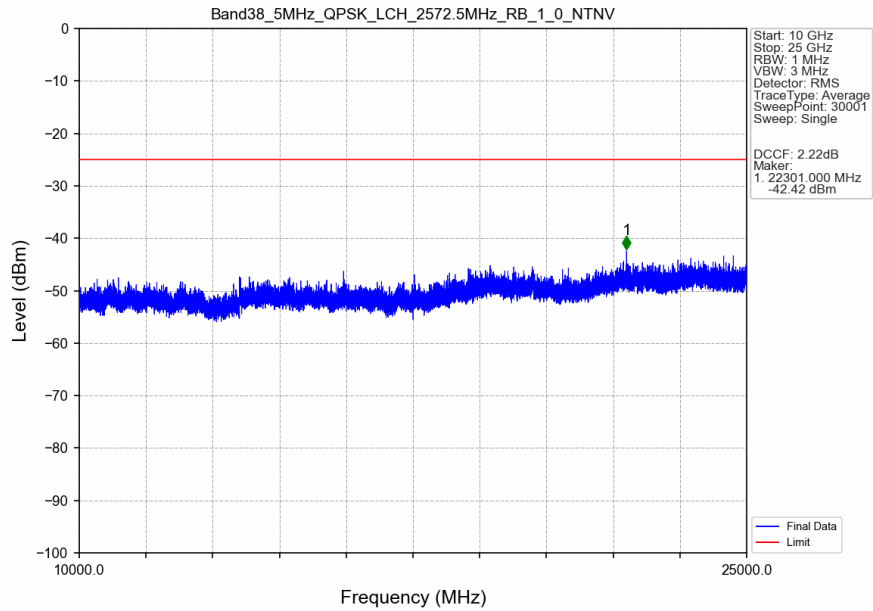
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

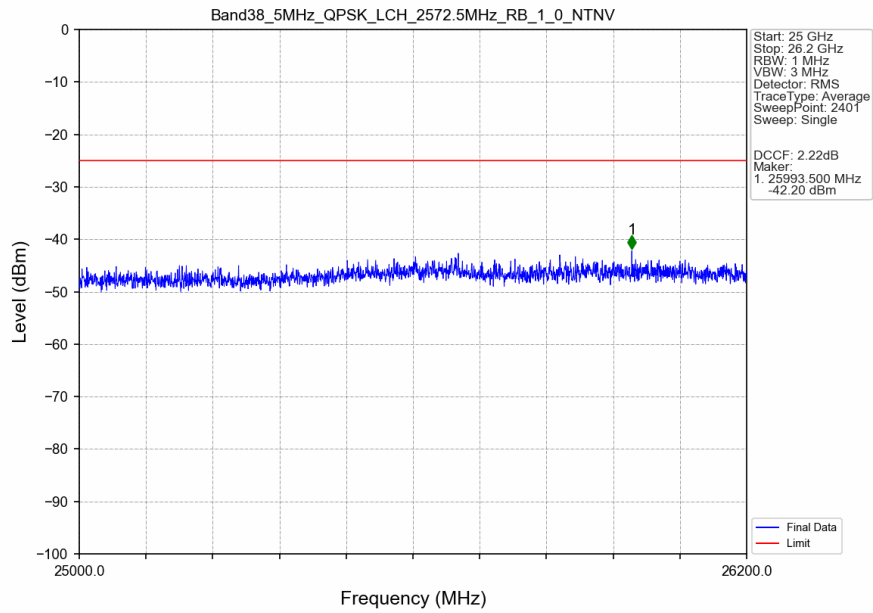
5.2.1 B38_5MHz



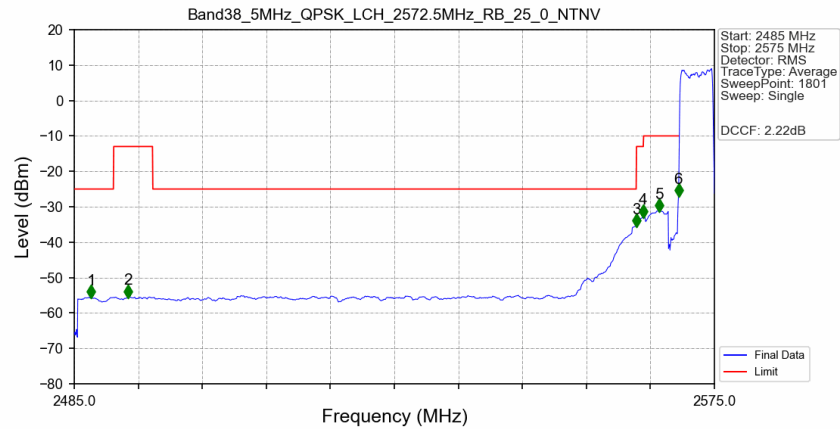
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

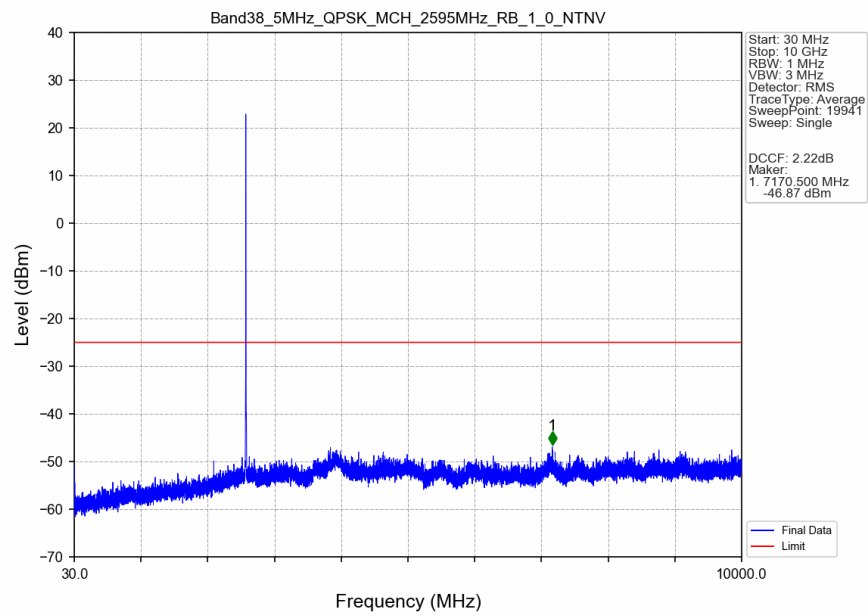


Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV

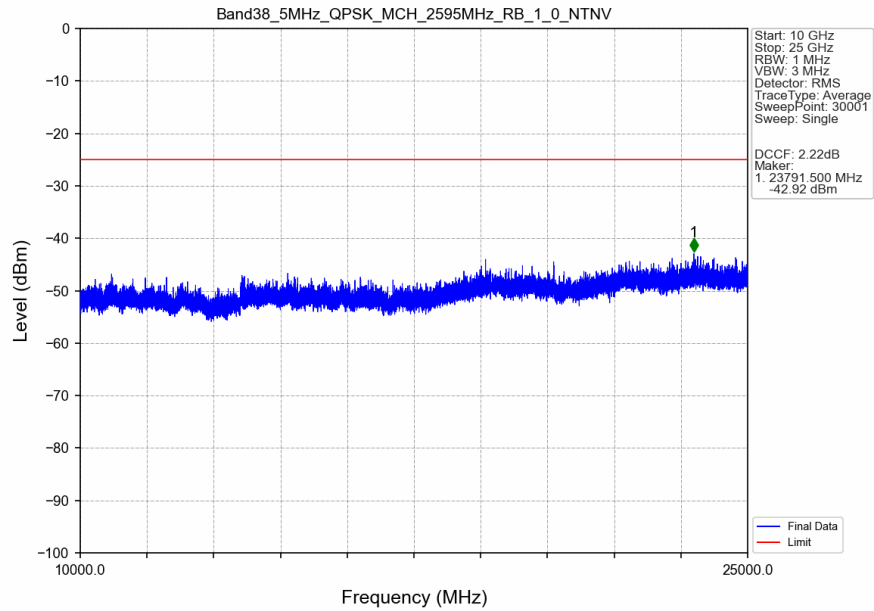


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.350	-55.57	-25	Pass
2490.5	2496	1	CHP	2	2492.600	-55.44	-13	Pass
2496	2564	1	CHP	3	2564.000	-35.46	-25	Pass
2564	2565	1	CHP	4	2565.000	-32.80	-13	Pass
2565	2569	1	CHP	5	2567.250	-31.16	-10	Pass
2569	2570	0.102	CHP	6	2569.950	-26.98	-10	Pass
2570	2575	0.102	CHP	/	/	/	/	/

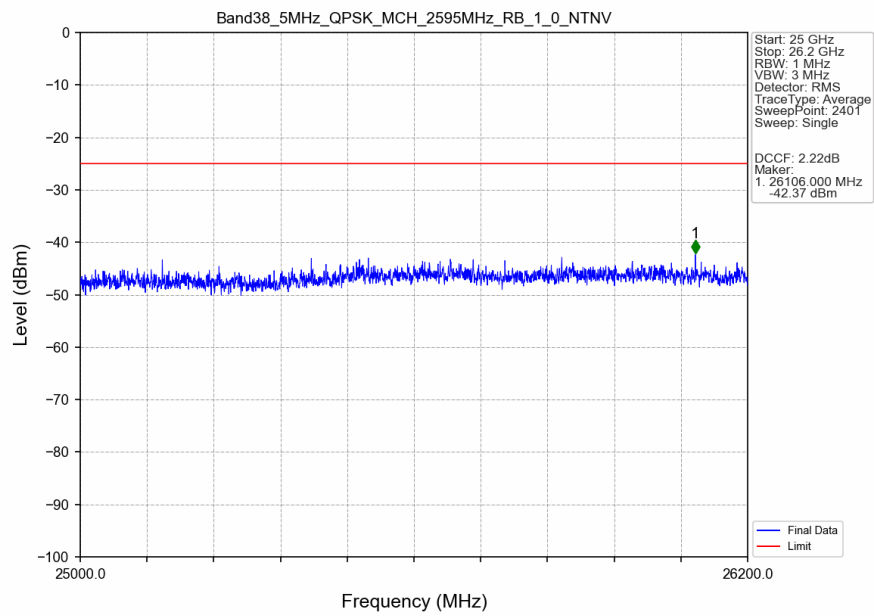
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



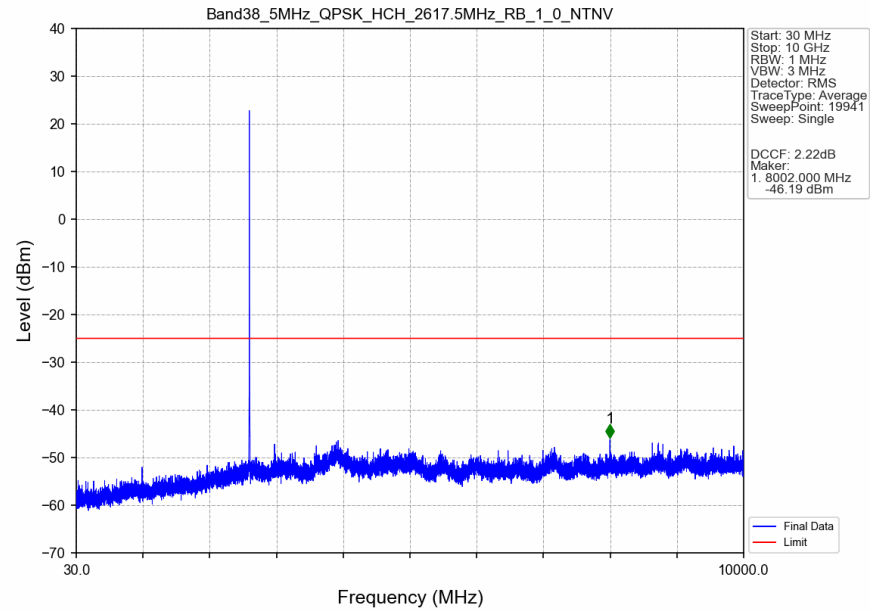
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



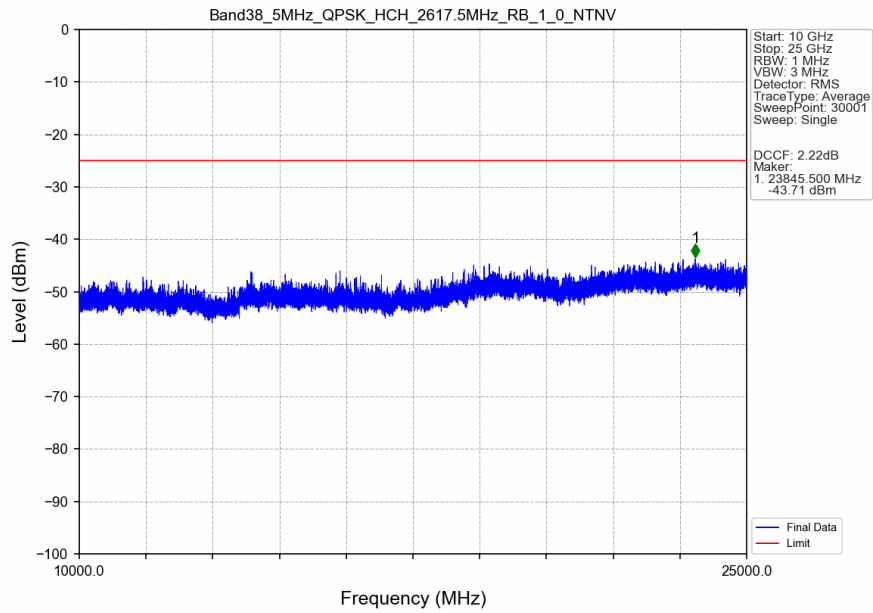
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



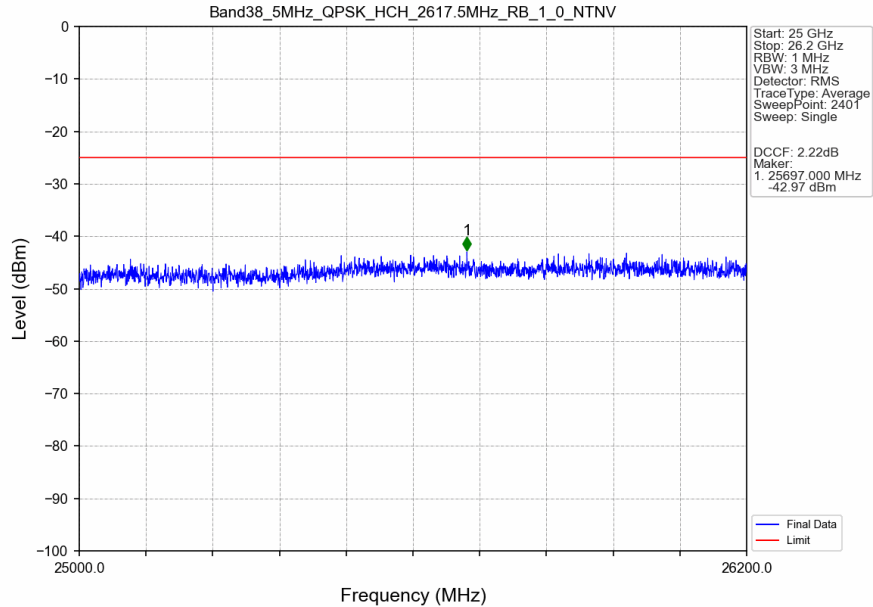
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



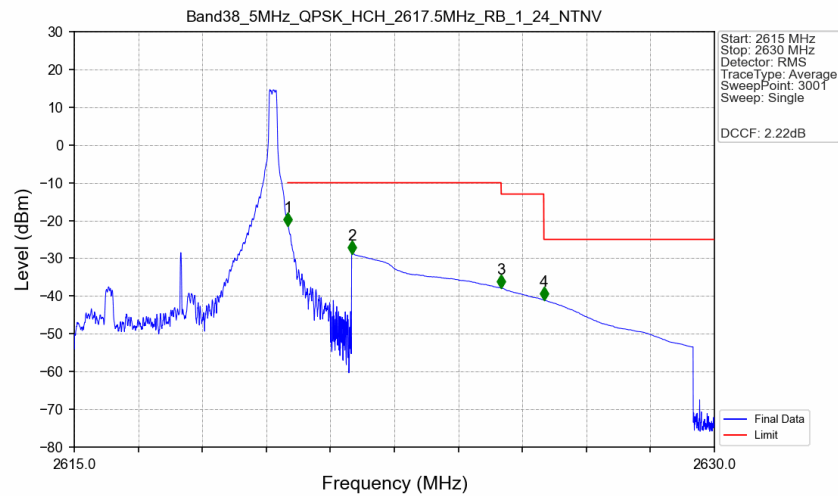
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



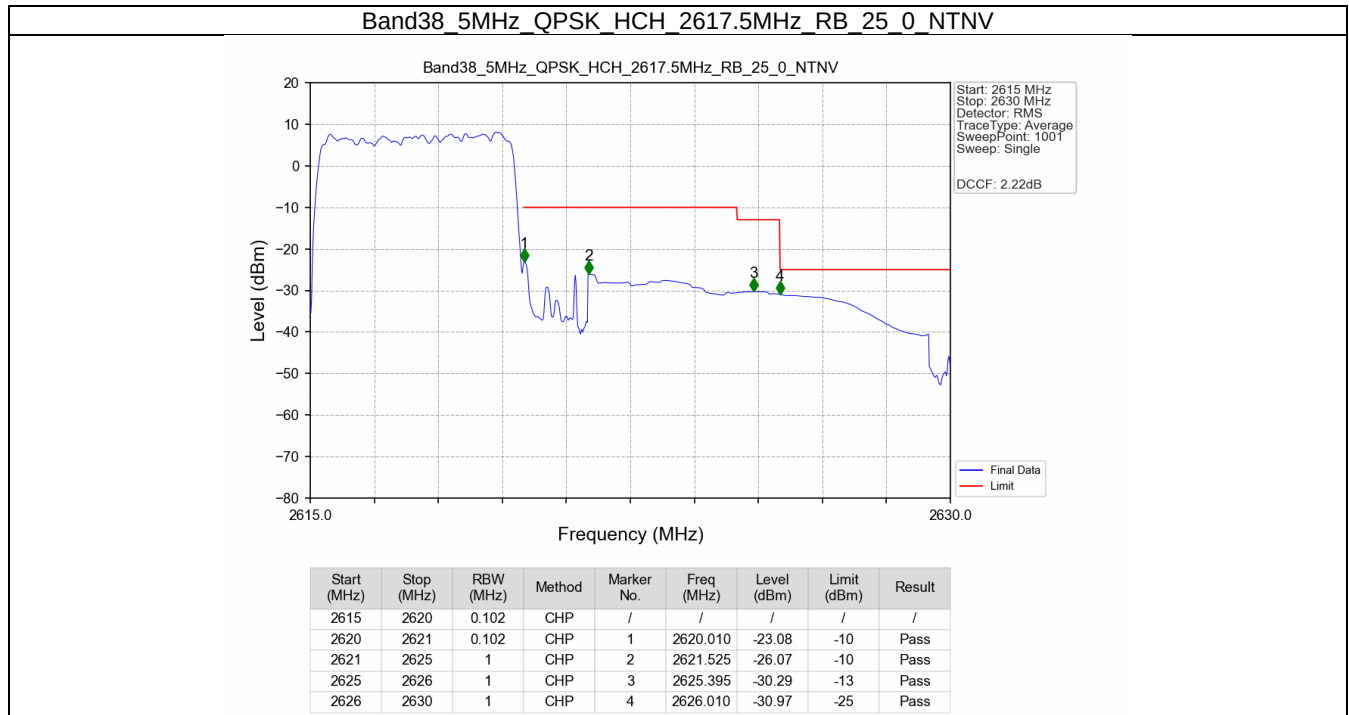
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



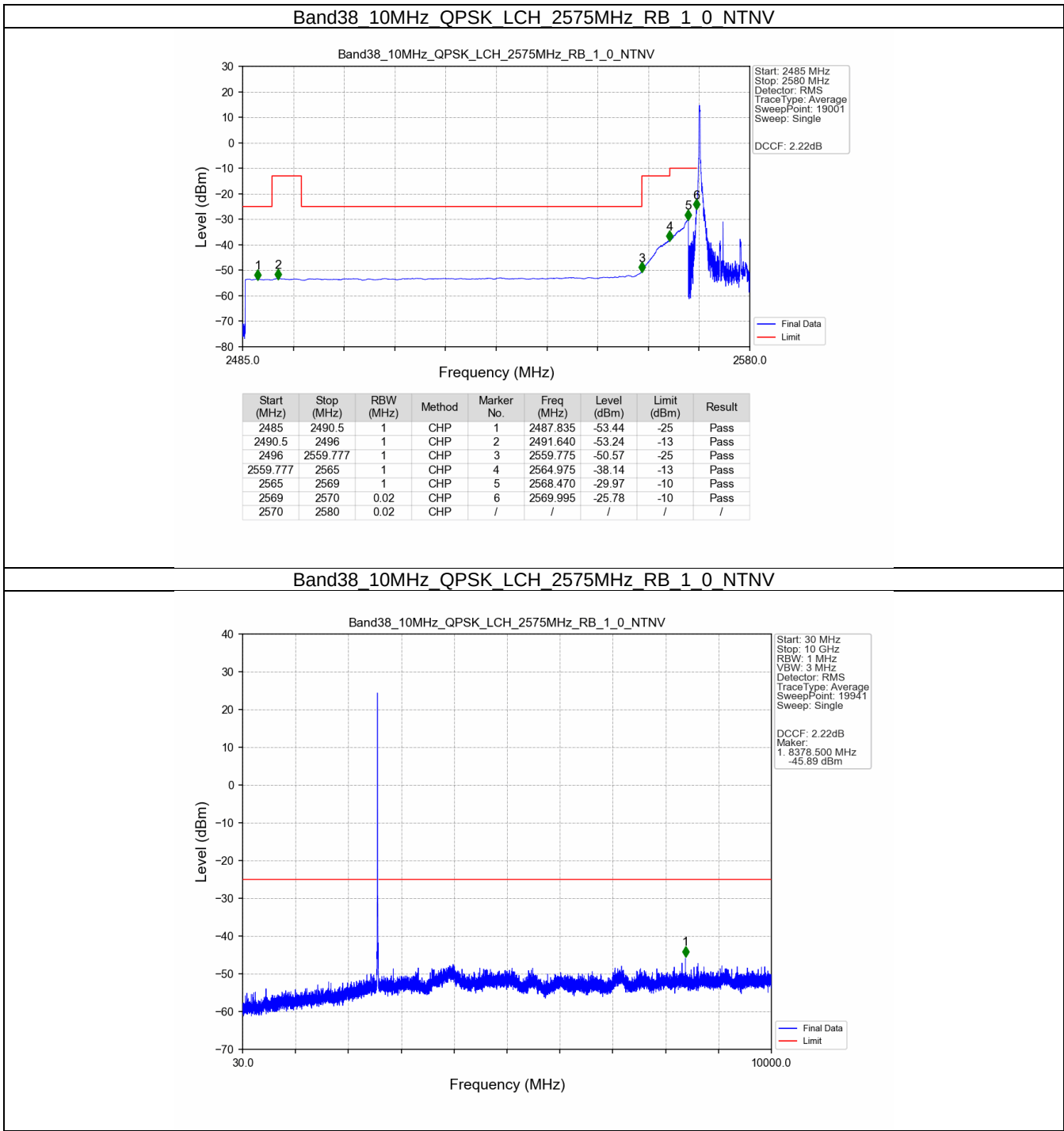
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



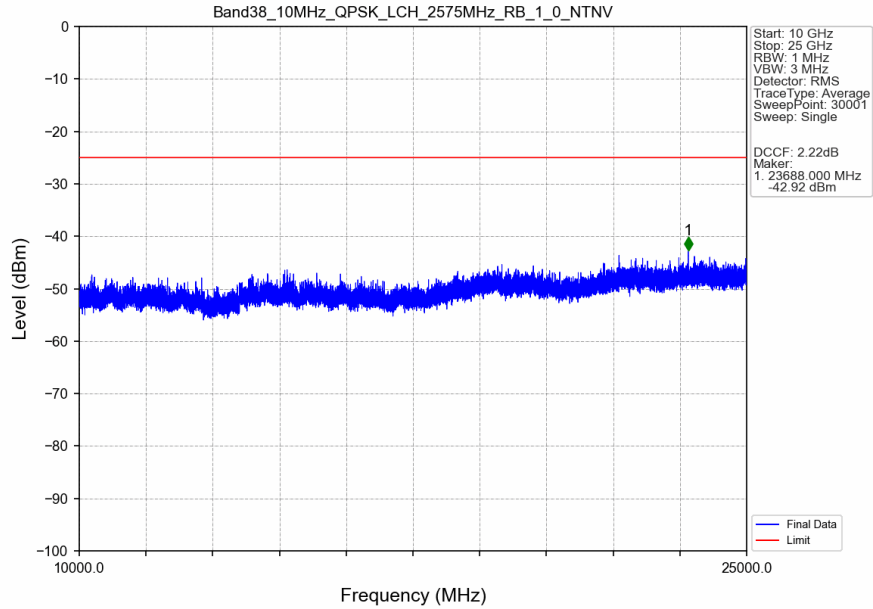
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-21.34	-10	Pass
2621	2625	1	CHP	2	2621.505	-28.88	-10	Pass
2625	2626	1	CHP	3	2625.005	-37.89	-13	Pass
2626	2630	1	CHP	4	2626.005	-40.99	-25	Pass



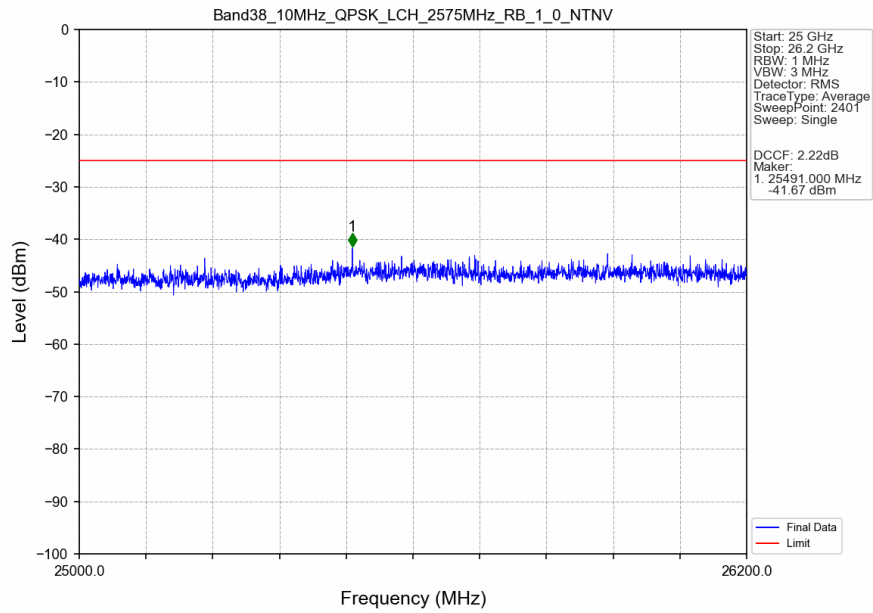
5.2.2 B38_10MHz



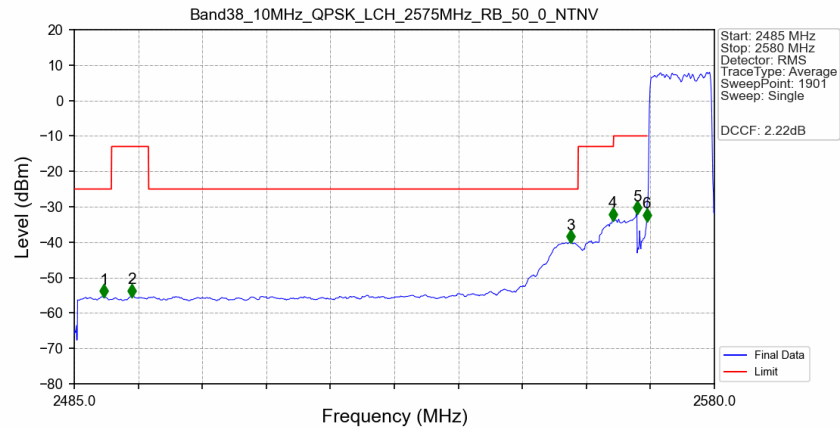
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

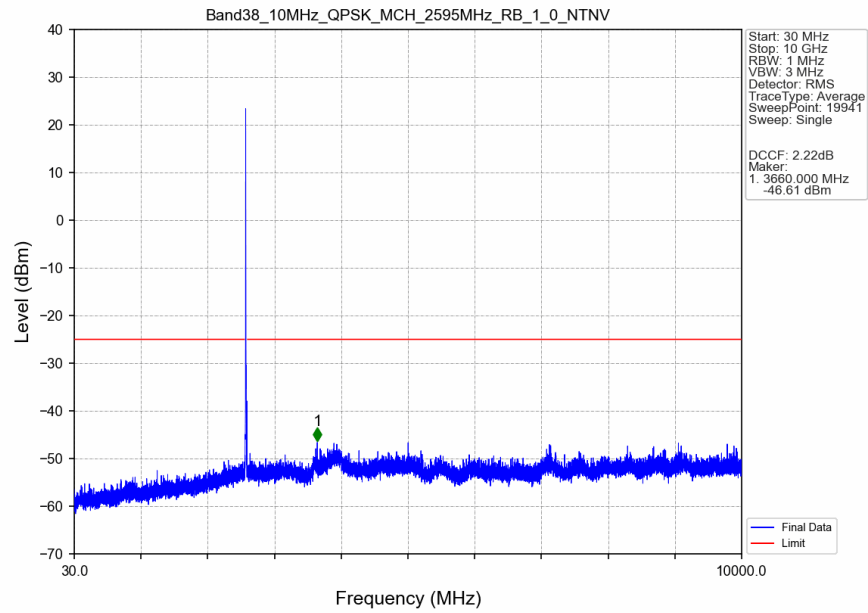


Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV

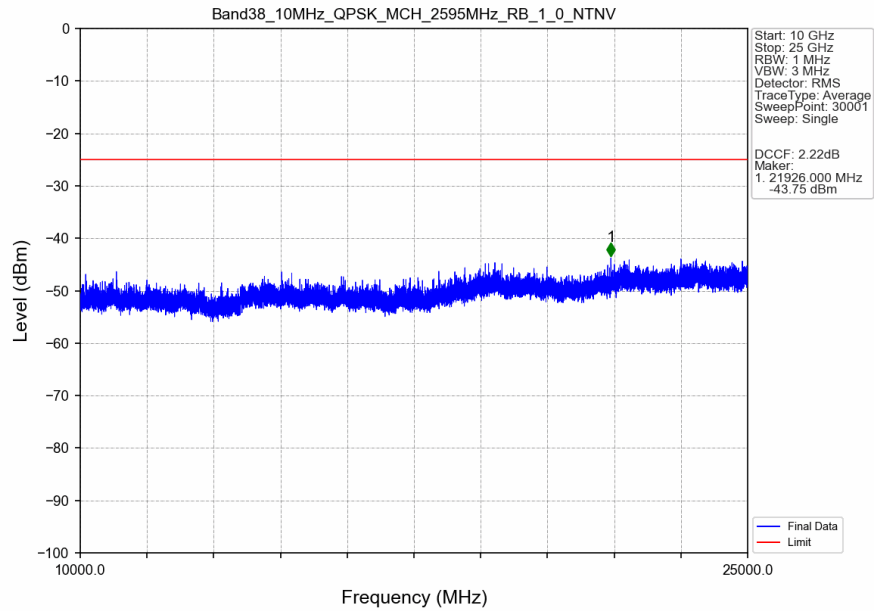


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.400	-55.40	-25	Pass
2490.5	2496	1	CHP	2	2493.550	-55.20	-13	Pass
2496	2559.777	1	CHP	3	2558.650	-39.98	-25	Pass
2559.777	2565	1	CHP	4	2564.900	-33.62	-13	Pass
2565	2569	1	CHP	5	2568.500	-31.80	-10	Pass
2569	2570	0.204	CHP	6	2569.950	-33.84	-10	Pass
2570	2580	0.204	CHP	/	/	/	/	/

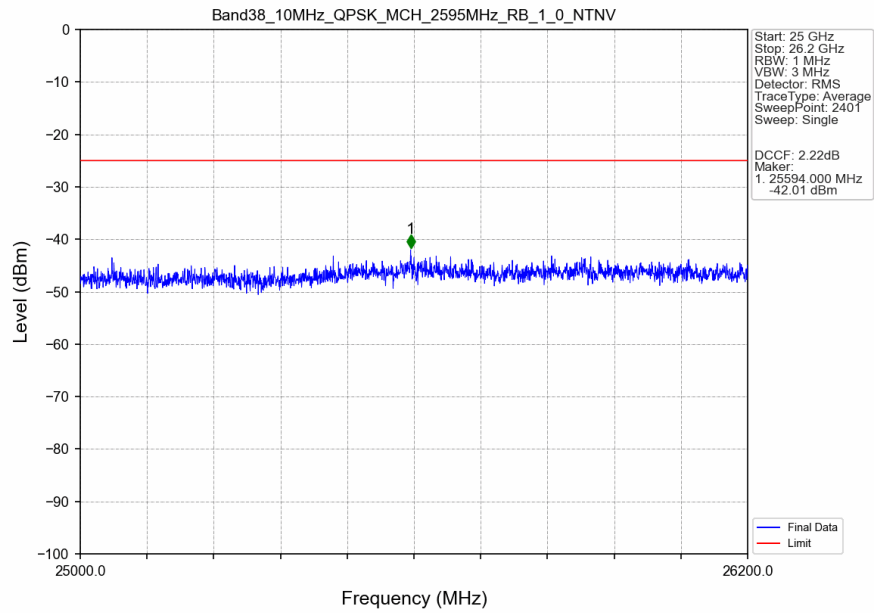
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



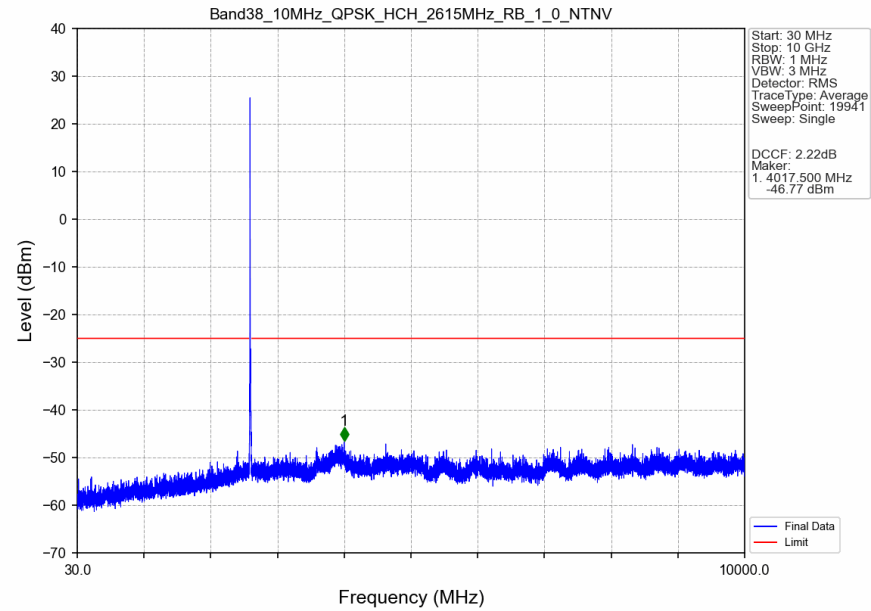
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



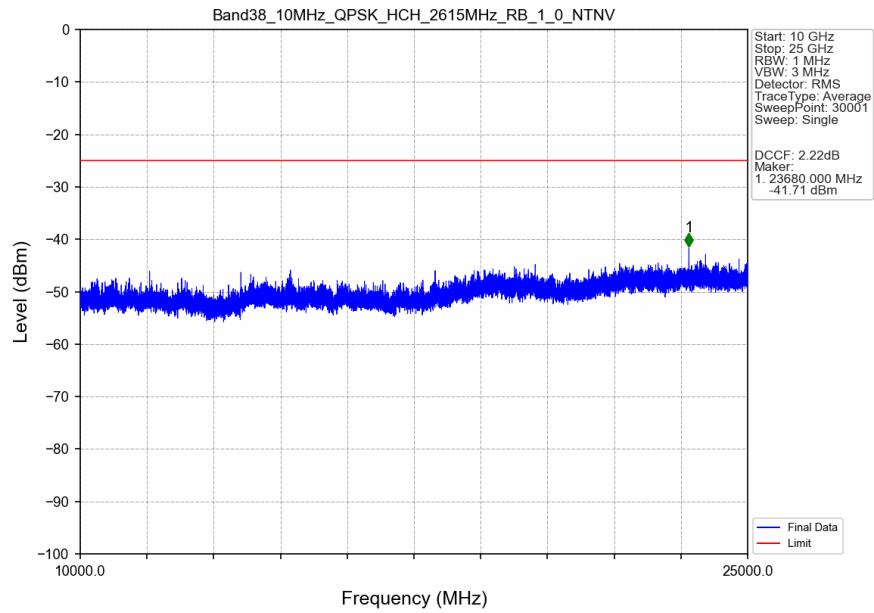
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



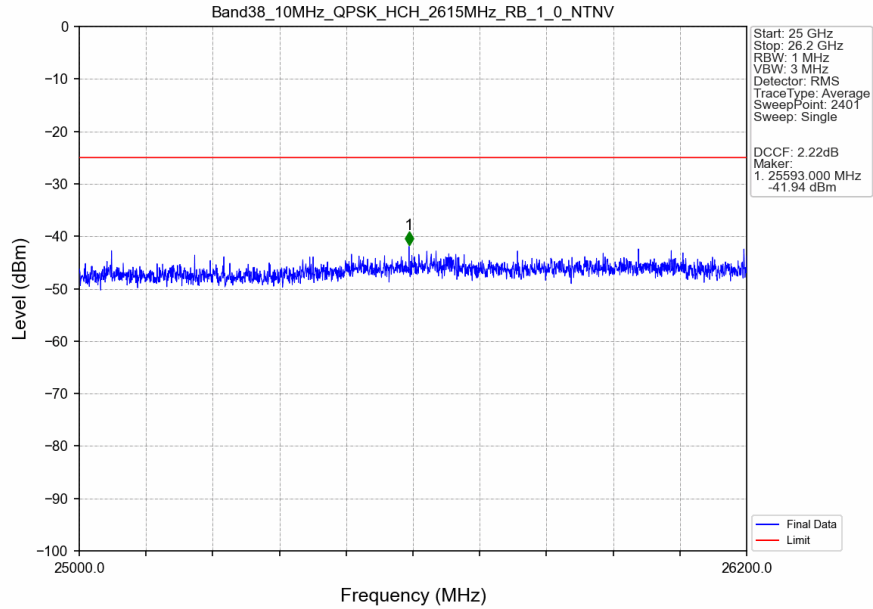
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



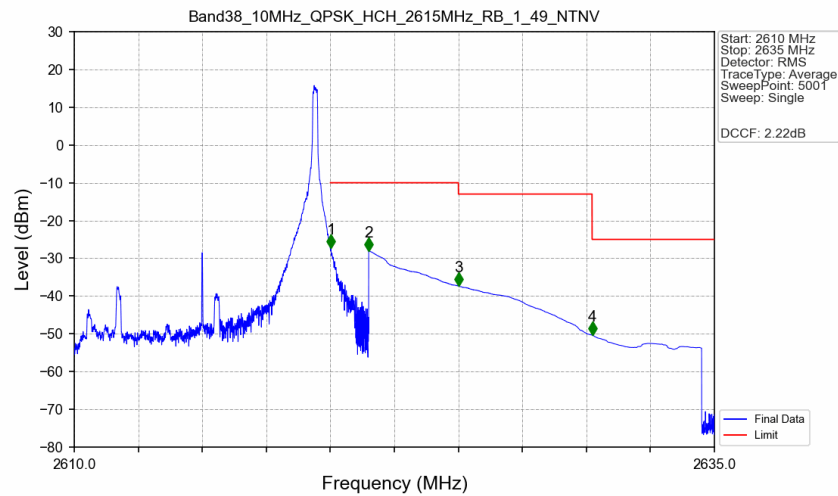
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV

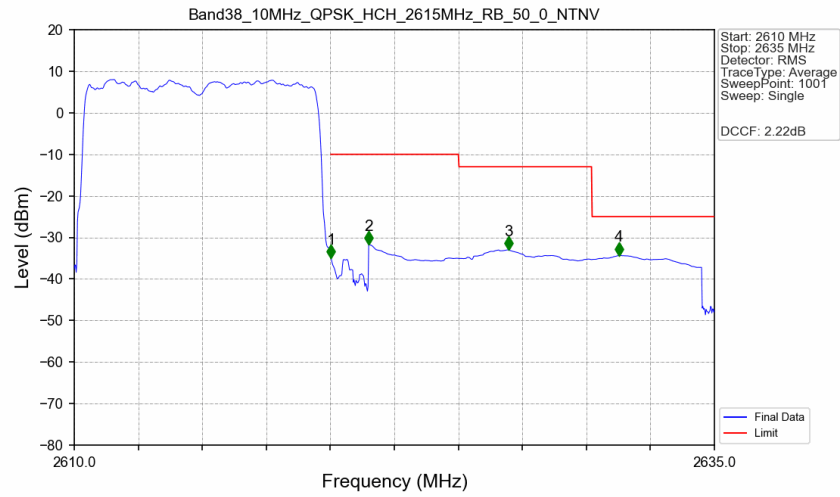


Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV



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	2620.020	-27.28	-10	Pass
2621	2625	1	CHP	2	2621.505	-28.00	-10	Pass
2625	2630.223	1	CHP	3	2625.005	-37.29	-13	Pass
2630.223	2635	1	CHP	4	2630.230	-50.34	-25	Pass

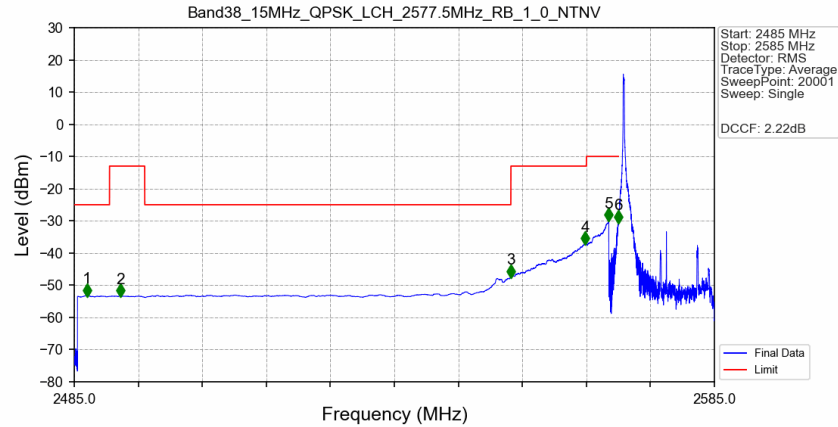
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.204	CHP	/	/	/	/	/
2620	2621	0.204	CHP	1	2620.025	-34.90	-10	Pass
2621	2625	1	CHP	2	2621.500	-31.71	-10	Pass
2625	2630.223	1	CHP	3	2626.950	-33.00	-13	Pass
2630.223	2635	1	CHP	4	2631.275	-34.32	-25	Pass

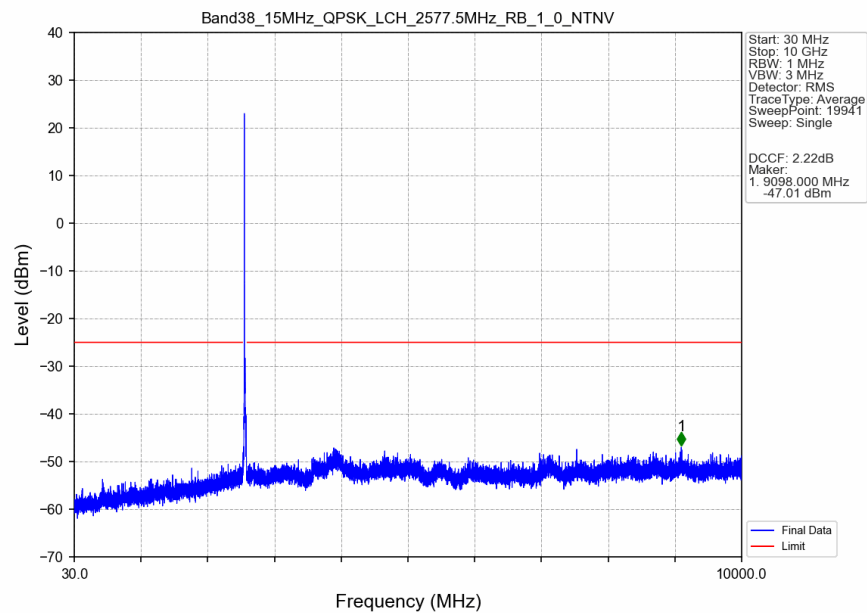
5.2.3 B38_15MHz

Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

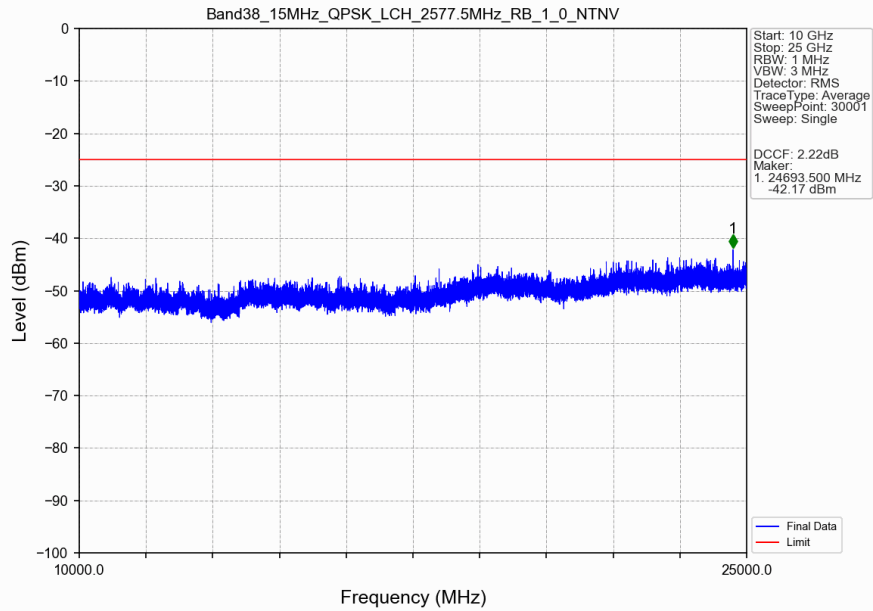


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.965	-53.20	-25	Pass
2490.5	2496	1	CHP	2	2492.200	-53.33	-13	Pass
2496	2553.204	1	CHP	3	2553.200	-47.31	-25	Pass
2553.204	2565	1	CHP	4	2564.835	-37.08	-13	Pass
2565	2569	1	CHP	5	2568.485	-29.84	-10	Pass
2569	2570	0.02	CHP	6	2569.980	-30.42	-10	Pass
2570	2585	0.02	CHP	/	/	/	/	/

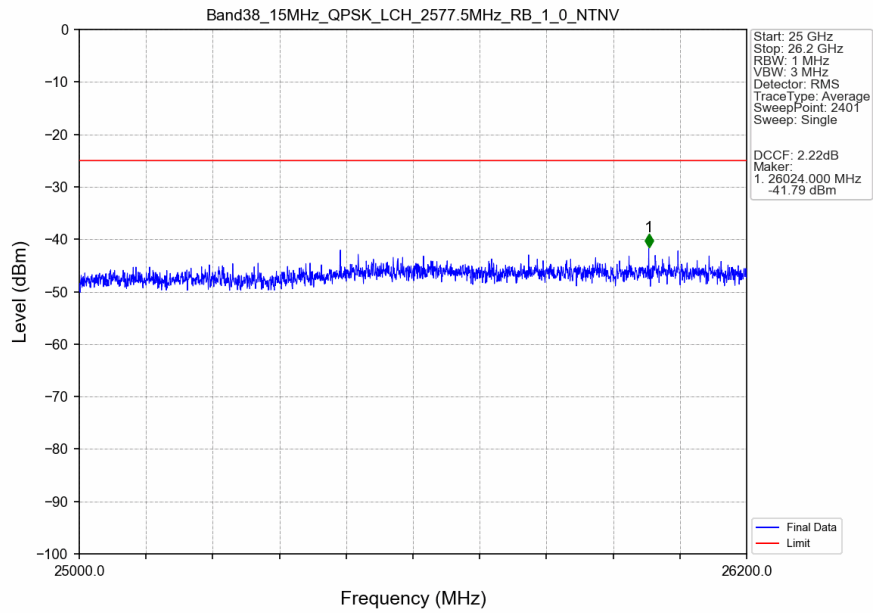
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



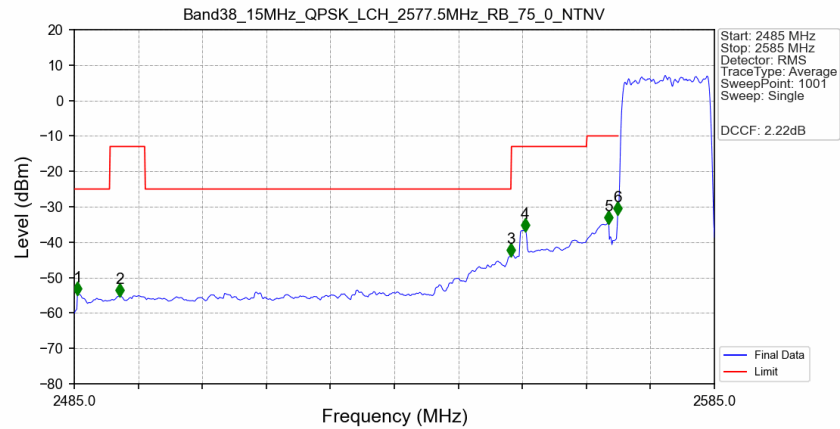
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

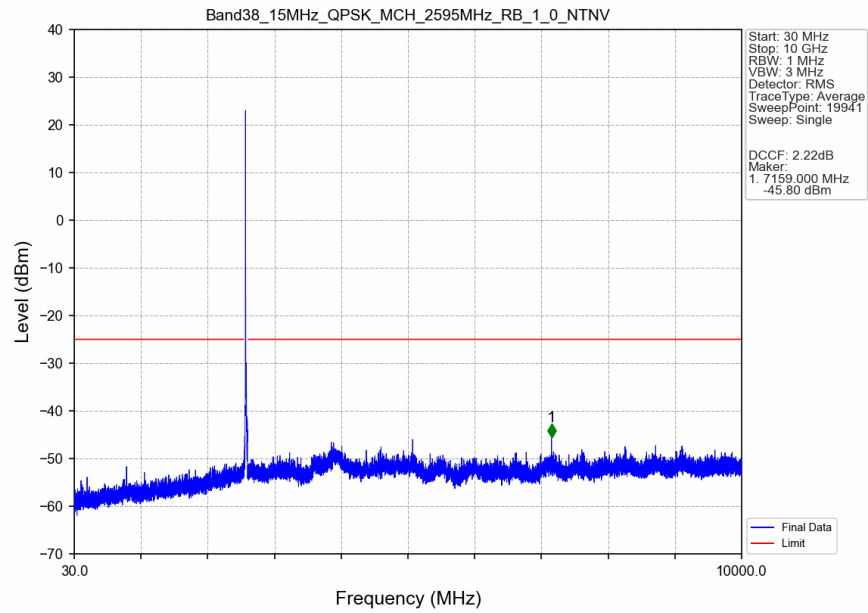


Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV

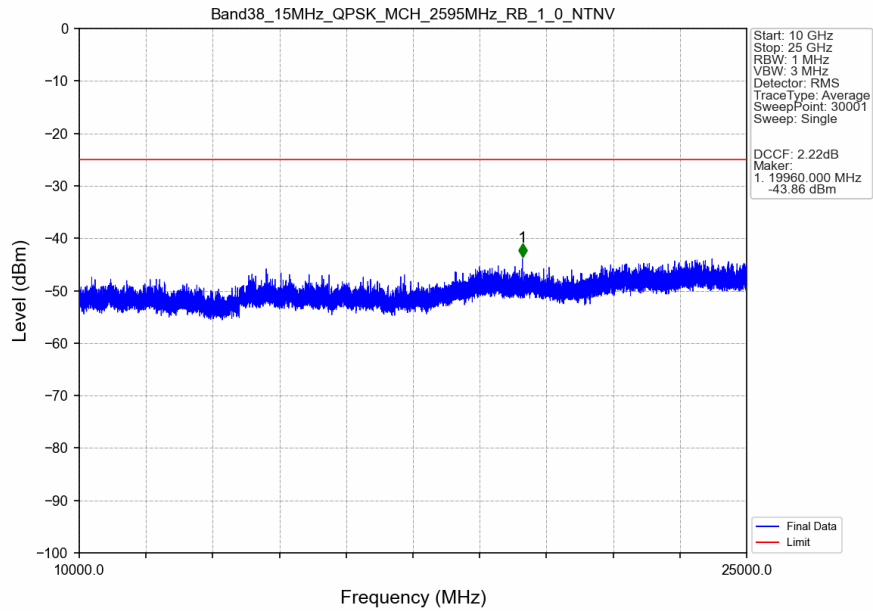


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.500	-54.62	-25	Pass
2490.5	2496	1	CHP	2	2492.100	-55.10	-13	Pass
2496	2553.204	1	CHP	3	2553.200	-43.73	-25	Pass
2553.204	2565	1	CHP	4	2555.400	-36.69	-13	Pass
2565	2569	1	CHP	5	2568.400	-34.65	-10	Pass
2569	2570	0.336	CHP	6	2569.900	-32.04	-10	Pass
2570	2585	0.336	CHP	/	/	/	/	/

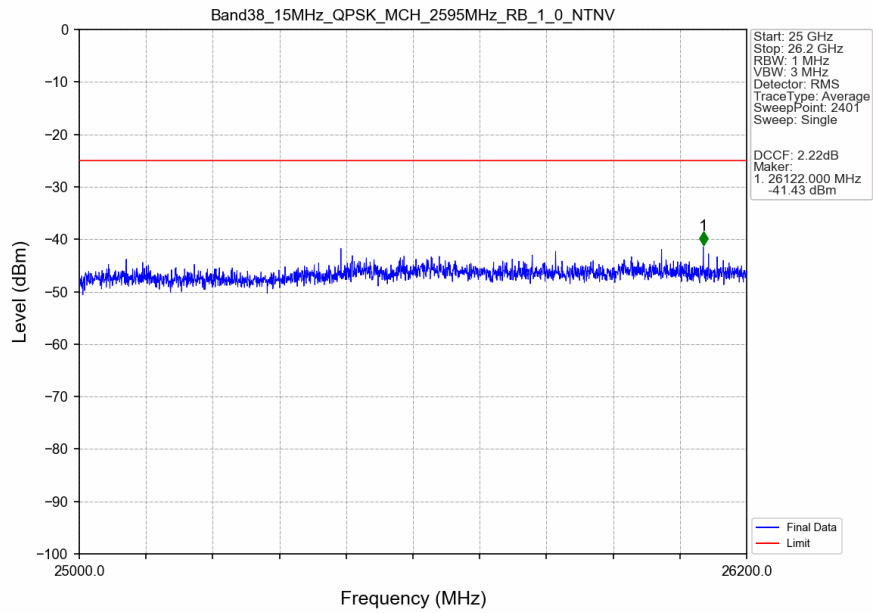
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



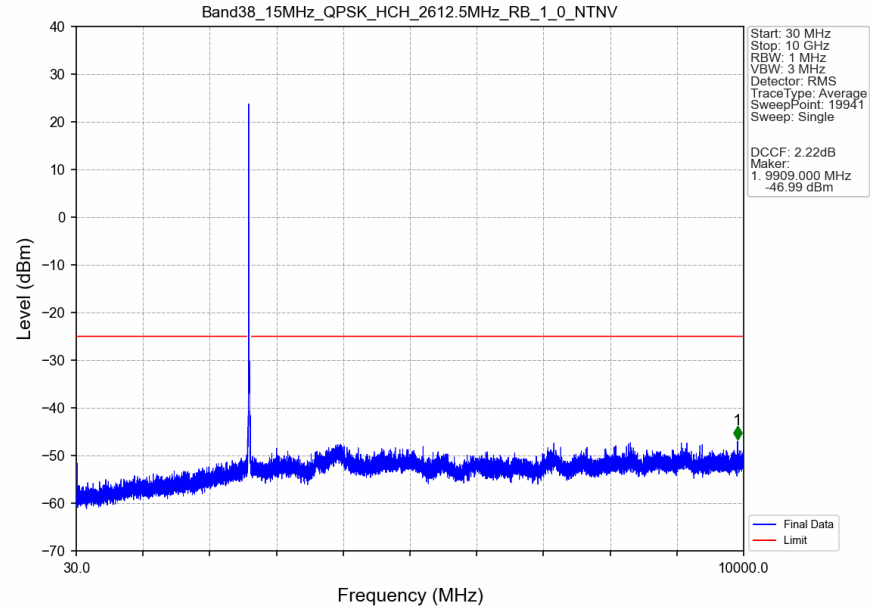
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



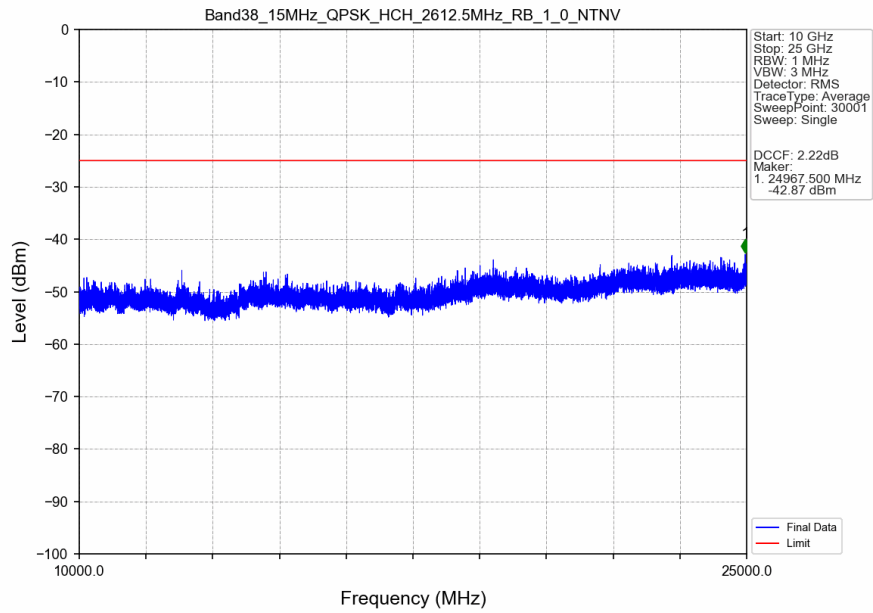
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



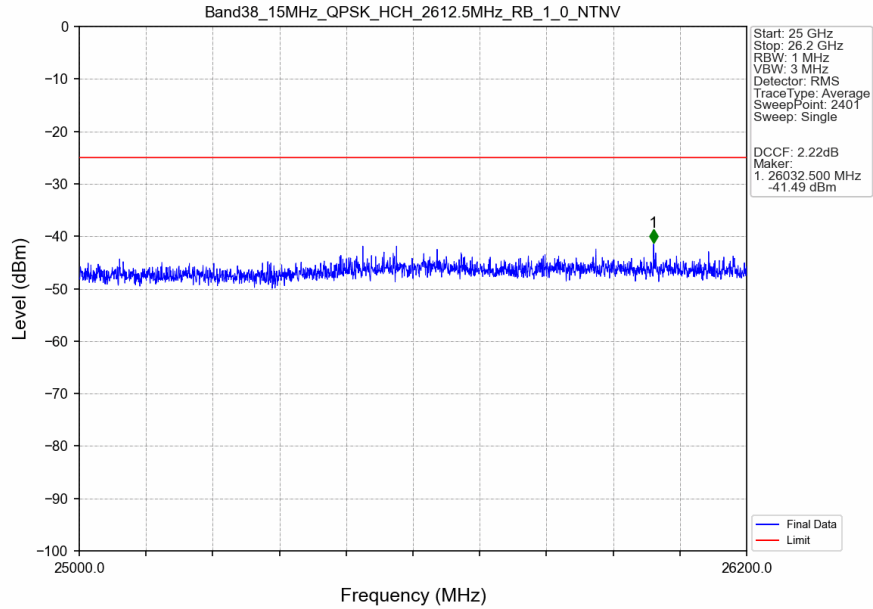
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



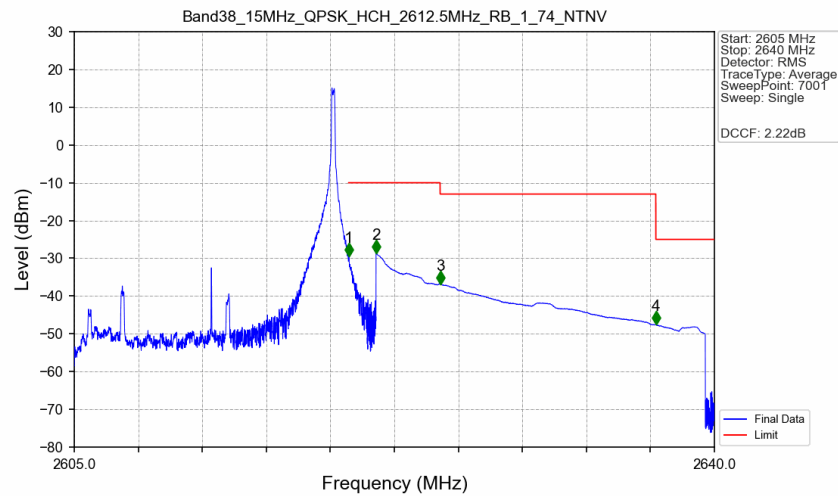
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV

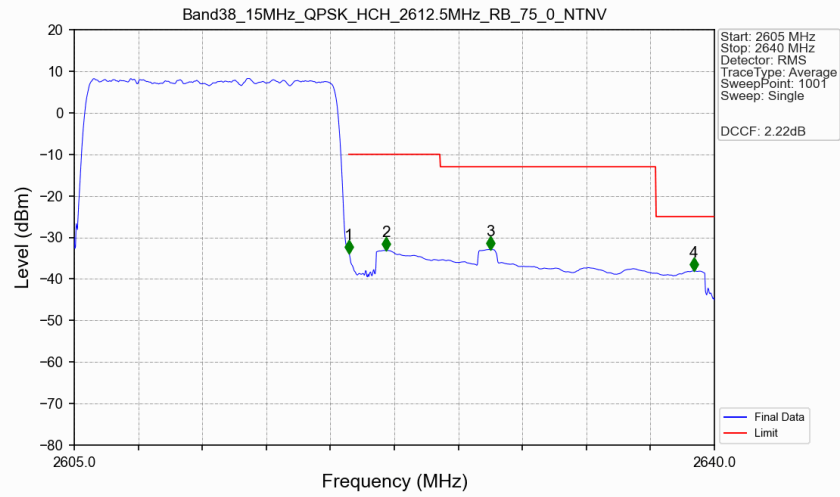


Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_74_NTNV



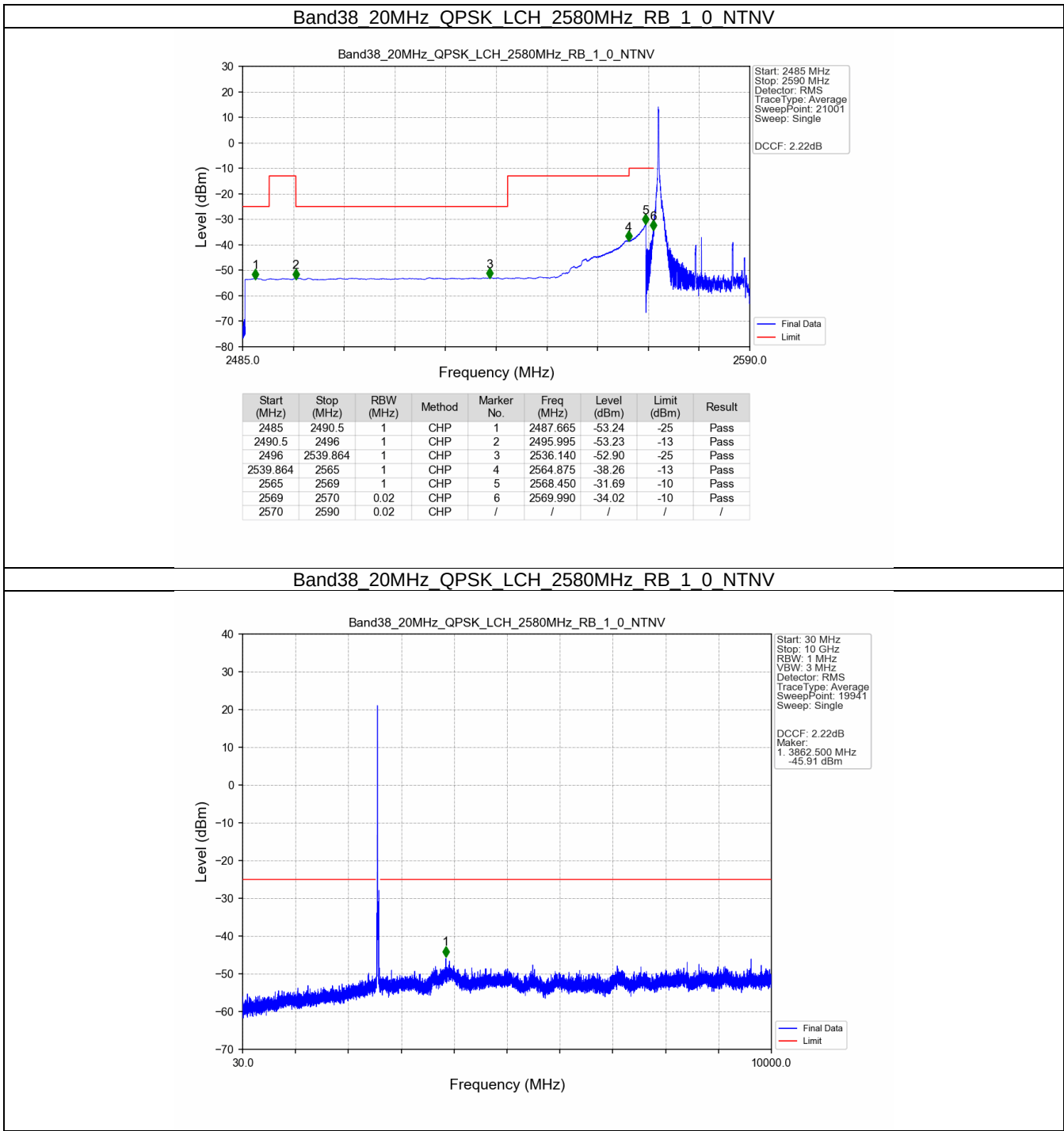
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.015	-29.36	-10	Pass
2621	2625	1	CHP	2	2621.500	-28.72	-10	Pass
2625	2636.796	1	CHP	3	2625.015	-36.87	-13	Pass
2636.796	2640	1	CHP	4	2636.800	-47.57	-25	Pass

Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV

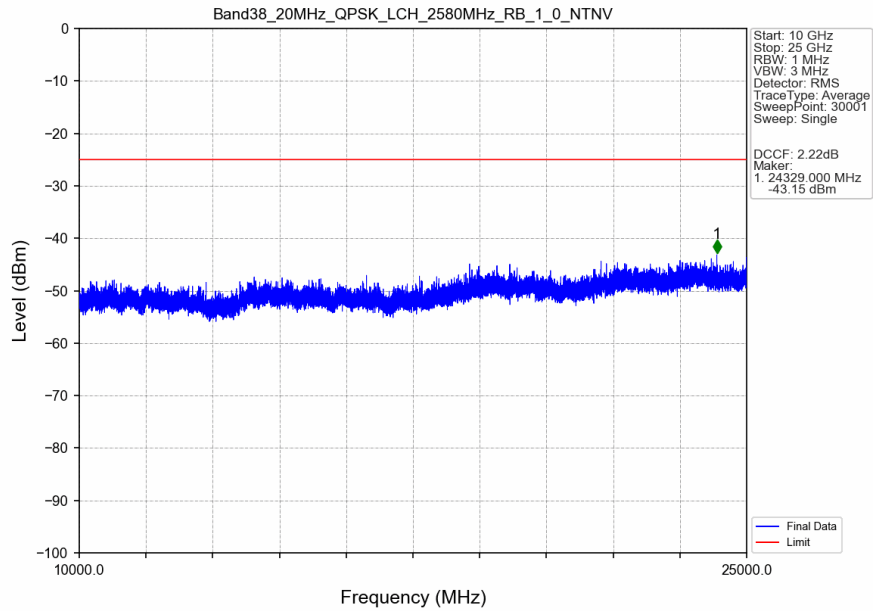


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.336	CHP	/	/	/	/	/
2620	2621	0.336	CHP	1	2620.015	-33.91	-10	Pass
2621	2625	1	CHP	2	2622.045	-33.14	-10	Pass
2625	2636.796	1	CHP	3	2627.750	-32.89	-13	Pass
2636.796	2640	1	CHP	4	2638.880	-38.06	-25	Pass

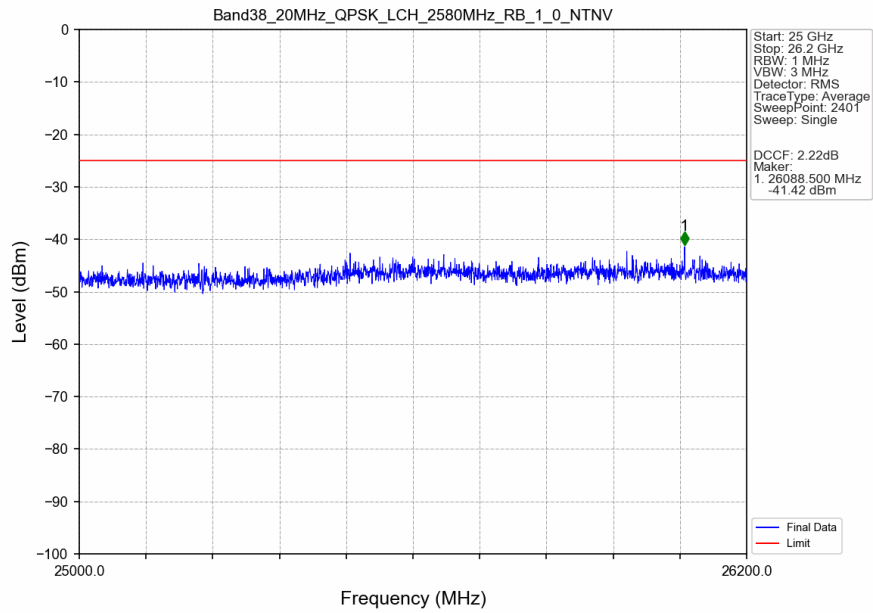
5.2.4 B38_20MHz



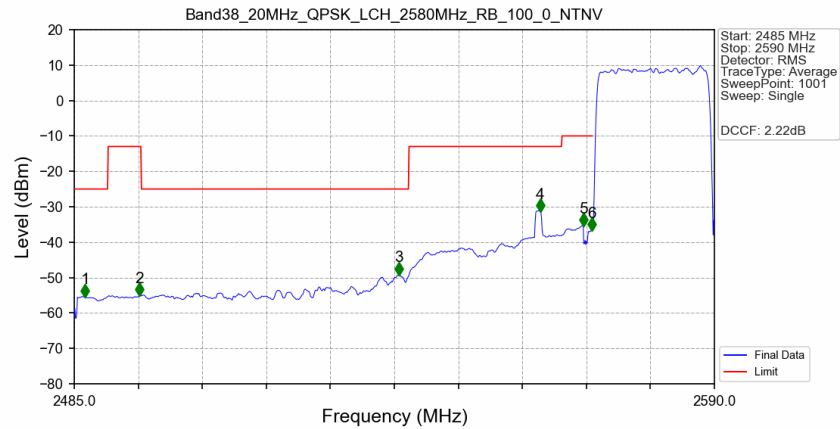
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

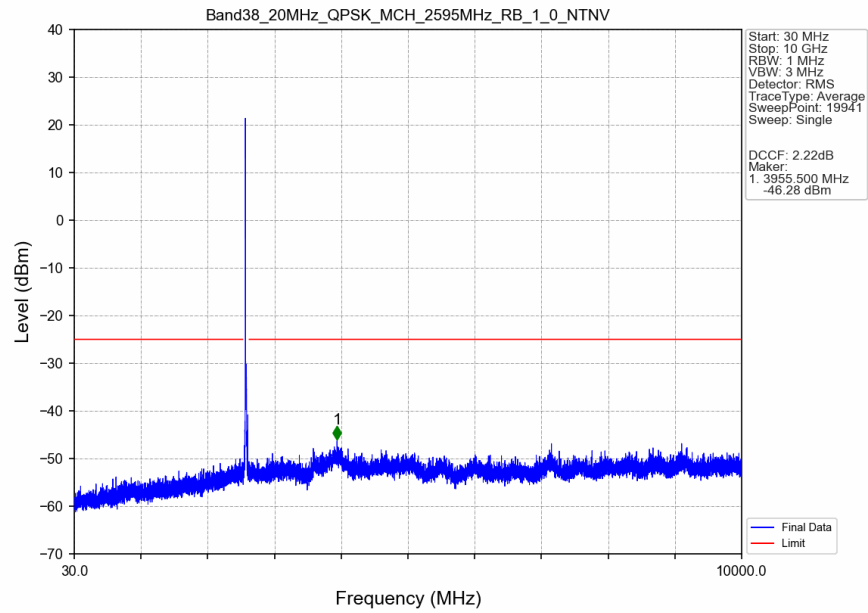


Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV

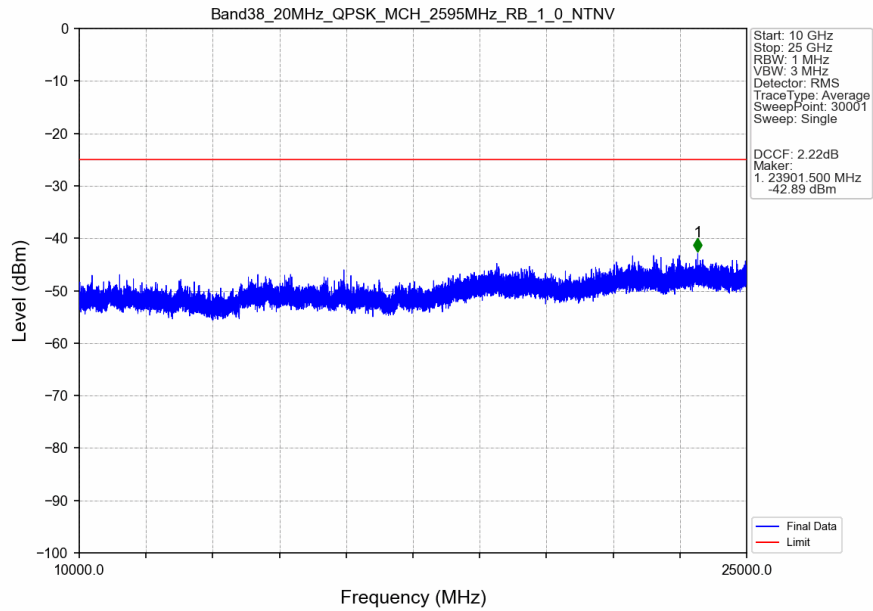


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.785	-55.24	-25	Pass
2490.5	2496	1	CHP	2	2495.710	-54.95	-13	Pass
2496	2539.864	1	CHP	3	2538.235	-49.02	-25	Pass
2539.864	2565	1	CHP	4	2561.440	-31.12	-13	Pass
2565	2569	1	CHP	5	2568.475	-35.29	-10	Pass
2569	2570	0.603	CHP	6	2569.945	-36.47	-10	Pass
2570	2590	0.603	CHP	/	/	/	/	/

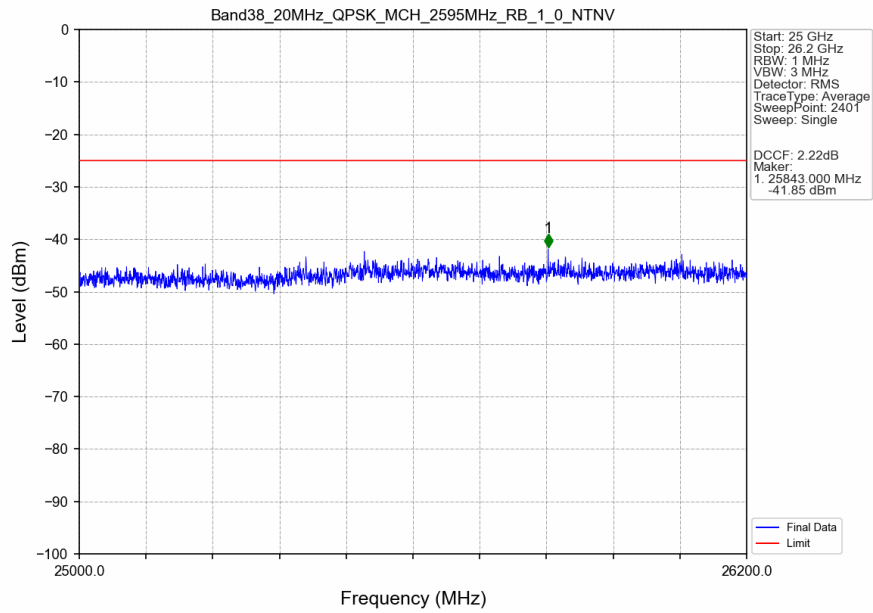
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



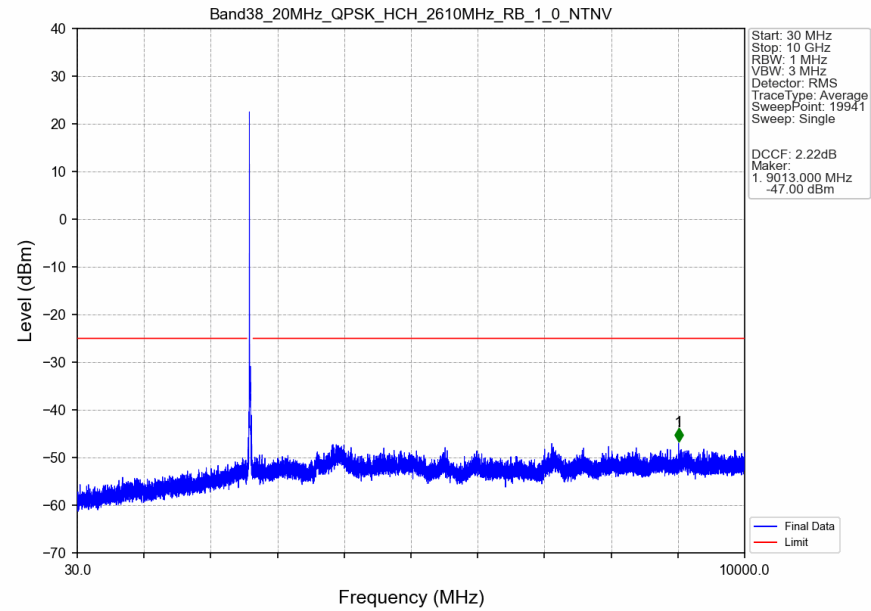
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



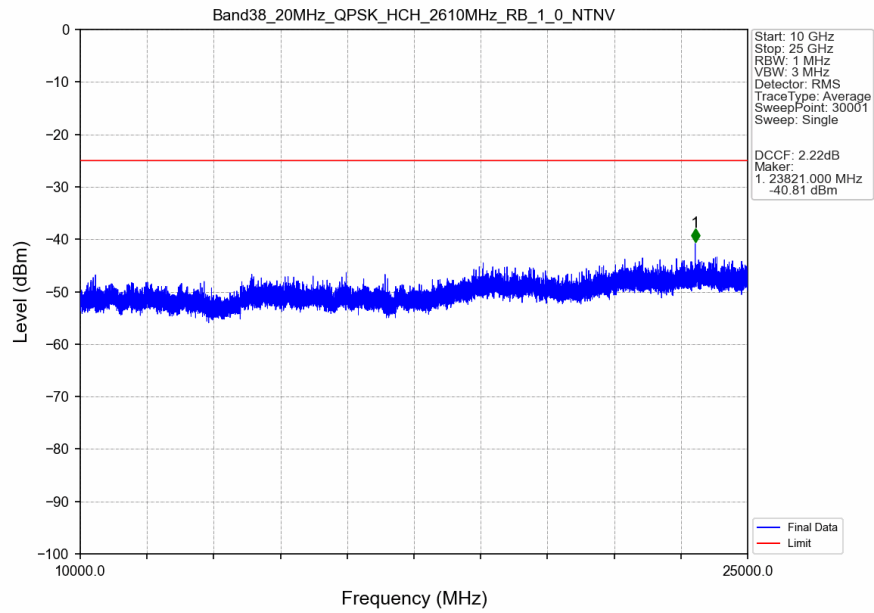
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



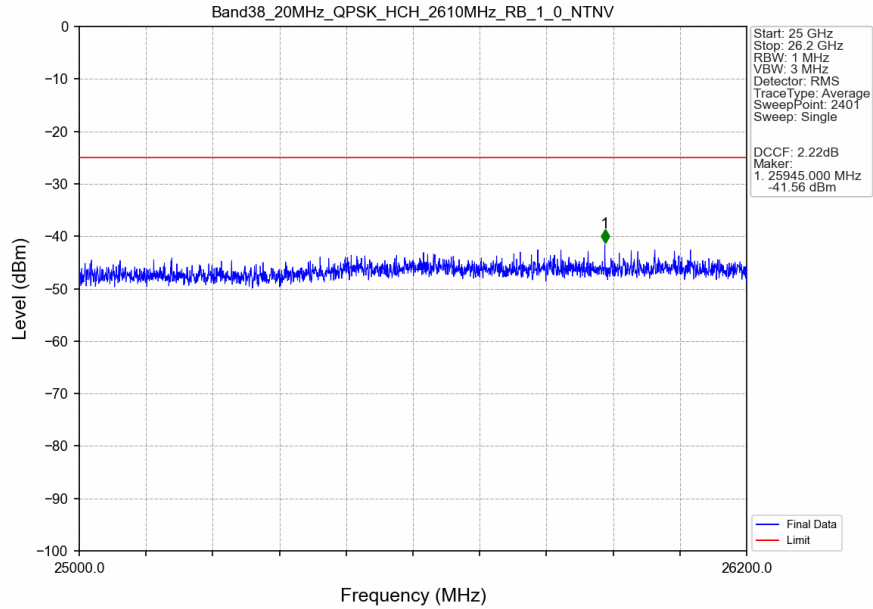
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



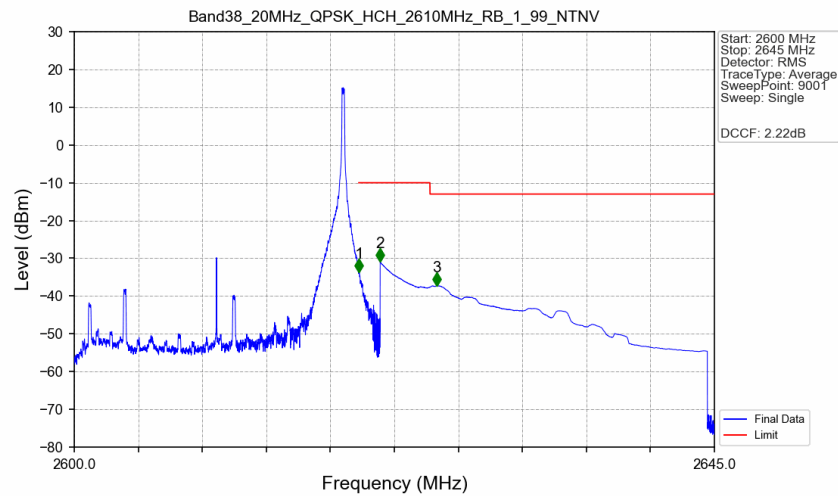
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV

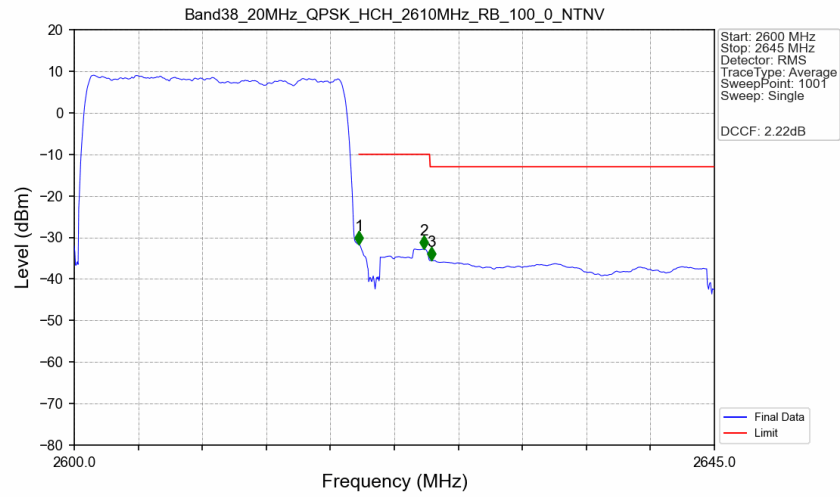


Band38_20MHz_QPSK_HCH_2610MHz_RB_1_99_NTNV



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	2620.010	-33.61	-10	Pass
2621	2625	1	CHP	2	2621.500	-30.83	-10	Pass
2625	2645	1	CHP	3	2625.455	-37.26	-13	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	0.603	CHP	/	/	/	/	/
2620	2621	0.603	CHP	1	2620.025	-31.72	-10	Pass
2621	2625	1	CHP	2	2624.570	-32.80	-10	Pass
2625	2645	1	CHP	3	2625.110	-35.55	-13	Pass