

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	24.02	-2.20	21.82	<=33.01	Pass
			13	24.17	-2.20	21.97	<=33.01	Pass
			24	23.87	-2.20	21.67	<=33.01	Pass
		12	0	23.05	-2.20	20.85	<=33.01	Pass
			6	23.05	-2.20	20.85	<=33.01	Pass
			13	23.05	-2.20	20.85	<=33.01	Pass
		25	0	22.98	-2.20	20.78	<=33.01	Pass
	2593	1	0	23.42	-2.20	21.22	<=33.01	Pass
			13	23.58	-2.20	21.38	<=33.01	Pass
			24	23.51	-2.20	21.31	<=33.01	Pass
		12	0	22.49	-2.20	20.29	<=33.01	Pass
			6	22.53	-2.20	20.33	<=33.01	Pass
			13	22.51	-2.20	20.31	<=33.01	Pass
		25	0	22.48	-2.20	20.28	<=33.01	Pass
	2687.5	1	0	23.28	-2.20	21.08	<=33.01	Pass
			13	23.38	-2.20	21.18	<=33.01	Pass
			24	23.16	-2.20	20.96	<=33.01	Pass
		12	0	22.21	-2.20	20.01	<=33.01	Pass
			6	22.29	-2.20	20.09	<=33.01	Pass
			13	22.17	-2.20	19.97	<=33.01	Pass
		25	0	22.20	-2.20	20.00	<=33.01	Pass
16QAM	2498.5	1	0	23.03	-2.20	20.83	<=33.01	Pass
			13	23.10	-2.20	20.90	<=33.01	Pass
			24	22.93	-2.20	20.73	<=33.01	Pass
		12	0	22.06	-2.20	19.86	<=33.01	Pass
			6	22.01	-2.20	19.81	<=33.01	Pass
			13	22.03	-2.20	19.83	<=33.01	Pass
		25	0	21.92	-2.20	19.72	<=33.01	Pass
	2593	1	0	22.17	-2.20	19.97	<=33.01	Pass
			13	22.80	-2.20	20.60	<=33.01	Pass
			24	22.19	-2.20	19.99	<=33.01	Pass
		12	0	21.47	-2.20	19.27	<=33.01	Pass
			6	21.52	-2.20	19.32	<=33.01	Pass
			13	21.49	-2.20	19.29	<=33.01	Pass
		25	0	21.48	-2.20	19.28	<=33.01	Pass
	2687.5	1	0	22.22	-2.20	20.02	<=33.01	Pass
			13	22.32	-2.20	20.12	<=33.01	Pass
			24	22.14	-2.20	19.94	<=33.01	Pass
		12	0	21.21	-2.20	19.01	<=33.01	Pass
			6	21.26	-2.20	19.06	<=33.01	Pass
			13	21.12	-2.20	18.92	<=33.01	Pass
		25	0	21.24	-2.20	19.04	<=33.01	Pass
64QAM	2498.5	1	0	22.09	-2.20	19.89	<=33.01	Pass
			13	22.24	-2.20	20.04	<=33.01	Pass
			24	21.94	-2.20	19.74	<=33.01	Pass
		12	0	21.00	-2.20	18.80	<=33.01	Pass
			6	21.03	-2.20	18.83	<=33.01	Pass
			13	21.08	-2.20	18.88	<=33.01	Pass
		25	0	21.02	-2.20	18.82	<=33.01	Pass

	2593	1	0	21.37	-2.20	19.17	<=33.01	Pass
			13	21.60	-2.20	19.40	<=33.01	Pass
			24	21.34	-2.20	19.14	<=33.01	Pass
		12	0	20.48	-2.20	18.28	<=33.01	Pass
			6	20.53	-2.20	18.33	<=33.01	Pass
			13	20.42	-2.20	18.22	<=33.01	Pass
		25	0	20.38	-2.20	18.18	<=33.01	Pass
			0	20.96	-2.20	18.76	<=33.01	Pass
			0	20.96	-2.20	18.76	<=33.01	Pass
	2687.5	1	13	21.72	-2.20	19.52	<=33.01	Pass
			24	21.56	-2.20	19.36	<=33.01	Pass
			0	20.25	-2.20	18.05	<=33.01	Pass
		12	6	20.30	-2.20	18.10	<=33.01	Pass
			13	20.32	-2.20	18.12	<=33.01	Pass
			0	20.24	-2.20	18.04	<=33.01	Pass
		25	0	20.24	-2.20	18.04	<=33.01	Pass
			0	20.24	-2.20	18.04	<=33.01	Pass
			0	20.24	-2.20	18.04	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	24.13	-2.20	21.93	<=33.01	Pass
			25	24.04	-2.20	21.84	<=33.01	Pass
			49	23.90	-2.20	21.70	<=33.01	Pass
		25	0	22.98	-2.20	20.78	<=33.01	Pass
			13	22.97	-2.20	20.77	<=33.01	Pass
			25	22.96	-2.20	20.76	<=33.01	Pass
		50	0	23.00	-2.20	20.80	<=33.01	Pass
			0	23.63	-2.20	21.43	<=33.01	Pass
			0	23.63	-2.20	21.43	<=33.01	Pass
	2593	1	25	23.65	-2.20	21.45	<=33.01	Pass
			49	23.64	-2.20	21.44	<=33.01	Pass
			0	22.58	-2.20	20.38	<=33.01	Pass
		25	13	22.56	-2.20	20.36	<=33.01	Pass
			25	22.52	-2.20	20.32	<=33.01	Pass
			0	22.56	-2.20	20.36	<=33.01	Pass
		50	0	22.56	-2.20	20.36	<=33.01	Pass
			0	23.39	-2.20	21.19	<=33.01	Pass
			0	23.39	-2.20	21.19	<=33.01	Pass
	2685	1	25	23.48	-2.20	21.28	<=33.01	Pass
			49	23.17	-2.20	20.97	<=33.01	Pass
			0	22.26	-2.20	20.06	<=33.01	Pass
		25	13	22.33	-2.20	20.13	<=33.01	Pass
			25	22.27	-2.20	20.07	<=33.01	Pass
			0	22.28	-2.20	20.08	<=33.01	Pass
		50	0	22.89	-2.20	20.69	<=33.01	Pass
			25	23.06	-2.20	20.86	<=33.01	Pass
			49	22.78	-2.20	20.58	<=33.01	Pass
16QAM	2501	1	0	22.89	-2.20	20.69	<=33.01	Pass
			25	23.06	-2.20	20.86	<=33.01	Pass
			49	22.78	-2.20	20.58	<=33.01	Pass
		25	0	21.95	-2.20	19.75	<=33.01	Pass
			13	22.04	-2.20	19.84	<=33.01	Pass
			25	21.92	-2.20	19.72	<=33.01	Pass
		50	0	21.93	-2.20	19.73	<=33.01	Pass
			0	22.45	-2.20	20.25	<=33.01	Pass
			0	22.45	-2.20	20.25	<=33.01	Pass
	2593	1	25	22.49	-2.20	20.29	<=33.01	Pass
			49	22.38	-2.20	20.18	<=33.01	Pass
			0	21.59	-2.20	19.39	<=33.01	Pass
		25	13	21.58	-2.20	19.38	<=33.01	Pass
			25	21.55	-2.20	19.35	<=33.01	Pass
			0	21.50	-2.20	19.30	<=33.01	Pass
		50	0	21.50	-2.20	19.30	<=33.01	Pass
			0	22.21	-2.20	20.01	<=33.01	Pass
			0	22.21	-2.20	20.01	<=33.01	Pass

			25	22.31	-2.20	20.11	<=33.01	Pass
			49	21.84	-2.20	19.64	<=33.01	Pass
64QAM		25	0	21.32	-2.20	19.12	<=33.01	Pass
			13	21.36	-2.20	19.16	<=33.01	Pass
			25	21.30	-2.20	19.10	<=33.01	Pass
		50	0	21.28	-2.20	19.08	<=33.01	Pass
			25	22.23	-2.20	20.03	<=33.01	Pass
			49	22.27	-2.20	20.07	<=33.01	Pass
	2501	1	0	21.31	-2.20	19.11	<=33.01	Pass
			25	20.98	-2.20	18.78	<=33.01	Pass
			13	21.00	-2.20	18.80	<=33.01	Pass
		25	25	20.95	-2.20	18.75	<=33.01	Pass
			0	20.96	-2.20	18.76	<=33.01	Pass
			49	21.66	-2.20	19.46	<=33.01	Pass
	2593	1	25	21.40	-2.20	19.20	<=33.01	Pass
			49	21.92	-2.20	19.72	<=33.01	Pass
			0	20.50	-2.20	18.30	<=33.01	Pass
		25	13	20.65	-2.20	18.45	<=33.01	Pass
			25	20.52	-2.20	18.32	<=33.01	Pass
			0	20.45	-2.20	18.25	<=33.01	Pass
	2685	1	0	20.94	-2.20	18.74	<=33.01	Pass
			25	21.48	-2.20	19.28	<=33.01	Pass
			49	21.32	-2.20	19.12	<=33.01	Pass
		25	0	20.34	-2.20	18.14	<=33.01	Pass
			13	20.33	-2.20	18.13	<=33.01	Pass
			25	20.32	-2.20	18.12	<=33.01	Pass
		50	0	20.30	-2.20	18.10	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	24.11	-2.20	21.91	<=33.01	Pass
			38	24.09	-2.20	21.89	<=33.01	Pass
			74	23.73	-2.20	21.53	<=33.01	Pass
		36	0	23.02	-2.20	20.82	<=33.01	Pass
			18	22.98	-2.20	20.78	<=33.01	Pass
			39	22.91	-2.20	20.71	<=33.01	Pass
		75	0	23.02	-2.20	20.82	<=33.01	Pass
	2593	1	0	23.61	-2.20	21.41	<=33.01	Pass
			38	23.69	-2.20	21.49	<=33.01	Pass
			74	23.62	-2.20	21.42	<=33.01	Pass
		36	0	22.59	-2.20	20.39	<=33.01	Pass
			18	22.60	-2.20	20.40	<=33.01	Pass
			39	22.58	-2.20	20.38	<=33.01	Pass
		75	0	22.61	-2.20	20.41	<=33.01	Pass
	2682.5	1	0	23.27	-2.20	21.07	<=33.01	Pass
			38	23.37	-2.20	21.17	<=33.01	Pass
			74	23.10	-2.20	20.90	<=33.01	Pass
		36	0	22.40	-2.20	20.20	<=33.01	Pass
			18	22.42	-2.20	20.22	<=33.01	Pass
			39	22.31	-2.20	20.11	<=33.01	Pass
		75	0	22.39	-2.20	20.19	<=33.01	Pass
16QAM	2503.5	1	0	22.88	-2.20	20.68	<=33.01	Pass
			38	22.99	-2.20	20.79	<=33.01	Pass
			74	22.72	-2.20	20.52	<=33.01	Pass
		36	0	21.93	-2.20	19.73	<=33.01	Pass
			18	21.89	-2.20	19.69	<=33.01	Pass
			39	21.86	-2.20	19.66	<=33.01	Pass
		75	0	21.87	-2.20	19.67	<=33.01	Pass
	2593	1	0	22.32	-2.20	20.12	<=33.01	Pass
			38	22.41	-2.20	20.21	<=33.01	Pass
			74	22.31	-2.20	20.11	<=33.01	Pass
		36	0	21.52	-2.20	19.32	<=33.01	Pass
			18	21.54	-2.20	19.34	<=33.01	Pass
			39	21.49	-2.20	19.29	<=33.01	Pass
		75	0	21.52	-2.20	19.32	<=33.01	Pass
	2682.5	1	0	22.04	-2.20	19.84	<=33.01	Pass
			38	22.29	-2.20	20.09	<=33.01	Pass
			74	22.18	-2.20	19.98	<=33.01	Pass
		36	0	21.37	-2.20	19.17	<=33.01	Pass
			18	21.40	-2.20	19.20	<=33.01	Pass
			39	21.32	-2.20	19.12	<=33.01	Pass
		75	0	21.37	-2.20	19.17	<=33.01	Pass
64QAM	2503.5	1	0	21.57	-2.20	19.37	<=33.01	Pass
			38	22.18	-2.20	19.98	<=33.01	Pass
			74	21.77	-2.20	19.57	<=33.01	Pass
		36	0	20.99	-2.20	18.79	<=33.01	Pass
			18	20.99	-2.20	18.79	<=33.01	Pass
			39	20.85	-2.20	18.65	<=33.01	Pass
		75	0	20.99	-2.20	18.79	<=33.01	Pass
	2593	1	0	21.33	-2.20	19.13	<=33.01	Pass
			38	21.39	-2.20	19.19	<=33.01	Pass

		36	74	21.79	-2.20	19.59	<=33.01	Pass
			0	20.55	-2.20	18.35	<=33.01	Pass
			18	20.58	-2.20	18.38	<=33.01	Pass
			39	20.53	-2.20	18.33	<=33.01	Pass
		75	0	20.51	-2.20	18.31	<=33.01	Pass
	2682.5	1	0	21.21	-2.20	19.01	<=33.01	Pass
			38	21.30	-2.20	19.10	<=33.01	Pass
			74	20.80	-2.20	18.60	<=33.01	Pass
		36	0	20.42	-2.20	18.22	<=33.01	Pass
			18	20.42	-2.20	18.22	<=33.01	Pass
			39	20.27	-2.20	18.07	<=33.01	Pass
		75	0	20.36	-2.20	18.16	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	24.11	-2.20	21.91	<=33.01	Pass
			50	24.00	-2.20	21.80	<=33.01	Pass
			99	23.67	-2.20	21.47	<=33.01	Pass
		50	0	22.86	-2.20	20.66	<=33.01	Pass
			25	22.91	-2.20	20.71	<=33.01	Pass
			50	22.79	-2.20	20.59	<=33.01	Pass
		100	0	22.84	-2.20	20.64	<=33.01	Pass
	2593	1	0	23.45	-2.20	21.25	<=33.01	Pass
			50	23.65	-2.20	21.45	<=33.01	Pass
			99	23.44	-2.20	21.24	<=33.01	Pass
		50	0	22.51	-2.20	20.31	<=33.01	Pass
			25	22.60	-2.20	20.40	<=33.01	Pass
			50	22.52	-2.20	20.32	<=33.01	Pass
		100	0	22.51	-2.20	20.31	<=33.01	Pass
	2680	1	0	23.34	-2.20	21.14	<=33.01	Pass
			50	23.39	-2.20	21.19	<=33.01	Pass
			99	23.11	-2.20	20.91	<=33.01	Pass
		50	0	22.30	-2.20	20.10	<=33.01	Pass
			25	22.32	-2.20	20.12	<=33.01	Pass
			50	22.29	-2.20	20.09	<=33.01	Pass
		100	0	22.24	-2.20	20.04	<=33.01	Pass
16QAM	2506	1	0	23.01	-2.20	20.81	<=33.01	Pass
			50	22.86	-2.20	20.66	<=33.01	Pass
			99	22.77	-2.20	20.57	<=33.01	Pass
		50	0	21.85	-2.20	19.65	<=33.01	Pass
			25	21.88	-2.20	19.68	<=33.01	Pass
			50	21.82	-2.20	19.62	<=33.01	Pass
		100	0	21.84	-2.20	19.64	<=33.01	Pass
	2593	1	0	22.28	-2.20	20.08	<=33.01	Pass
			50	22.31	-2.20	20.11	<=33.01	Pass
			99	22.29	-2.20	20.09	<=33.01	Pass
		50	0	21.50	-2.20	19.30	<=33.01	Pass
			25	21.53	-2.20	19.33	<=33.01	Pass
			50	21.49	-2.20	19.29	<=33.01	Pass
		100	0	21.44	-2.20	19.24	<=33.01	Pass
	2680	1	0	21.94	-2.20	19.74	<=33.01	Pass
			50	22.45	-2.20	20.25	<=33.01	Pass
			99	22.06	-2.20	19.86	<=33.01	Pass

64QAM	2506	50	0	21.31	-2.20	19.11	<=33.01	Pass
			25	21.38	-2.20	19.18	<=33.01	Pass
			50	21.34	-2.20	19.14	<=33.01	Pass
		100	0	21.32	-2.20	19.12	<=33.01	Pass
			0	22.40	-2.20	20.20	<=33.01	Pass
			50	21.62	-2.20	19.42	<=33.01	Pass
		50	99	21.48	-2.20	19.28	<=33.01	Pass
			0	20.84	-2.20	18.64	<=33.01	Pass
			25	20.99	-2.20	18.79	<=33.01	Pass
		100	50	20.94	-2.20	18.74	<=33.01	Pass
			0	20.87	-2.20	18.67	<=33.01	Pass
			0	21.43	-2.20	19.23	<=33.01	Pass
	2593	1	50	21.36	-2.20	19.16	<=33.01	Pass
			99	21.26	-2.20	19.06	<=33.01	Pass
			0	20.51	-2.20	18.31	<=33.01	Pass
		50	25	20.54	-2.20	18.34	<=33.01	Pass
			50	20.48	-2.20	18.28	<=33.01	Pass
			0	20.47	-2.20	18.27	<=33.01	Pass
		100	0	21.51	-2.20	19.31	<=33.01	Pass
			50	21.60	-2.20	19.40	<=33.01	Pass
			99	21.29	-2.20	19.09	<=33.01	Pass
		50	0	20.40	-2.20	18.20	<=33.01	Pass
			25	20.44	-2.20	18.24	<=33.01	Pass
			50	20.37	-2.20	18.17	<=33.01	Pass
	2680	100	0	20.38	-2.20	18.18	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B41_10MHz

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2593	50	0	20	LV	-10.729	-0.0041	-2.5 to 2.5	Pass
					NV	-3.231	-0.0012	-2.5 to 2.5	Pass
					HV	-1.888	-0.0007	-2.5 to 2.5	Pass
				-30	NV	-6.168	-0.0024	-2.5 to 2.5	Pass
				-20	NV	-5.173	-0.0020	-2.5 to 2.5	Pass
				-10	NV	-8.418	-0.0032	-2.5 to 2.5	Pass
				0	NV	-2.405	-0.0009	-2.5 to 2.5	Pass
				10	NV	-3.041	-0.0012	-2.5 to 2.5	Pass
				30	NV	-9.481	-0.0037	-2.5 to 2.5	Pass
				40	NV	-6.492	-0.0025	-2.5 to 2.5	Pass
				50	NV	1.384	0.0005	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

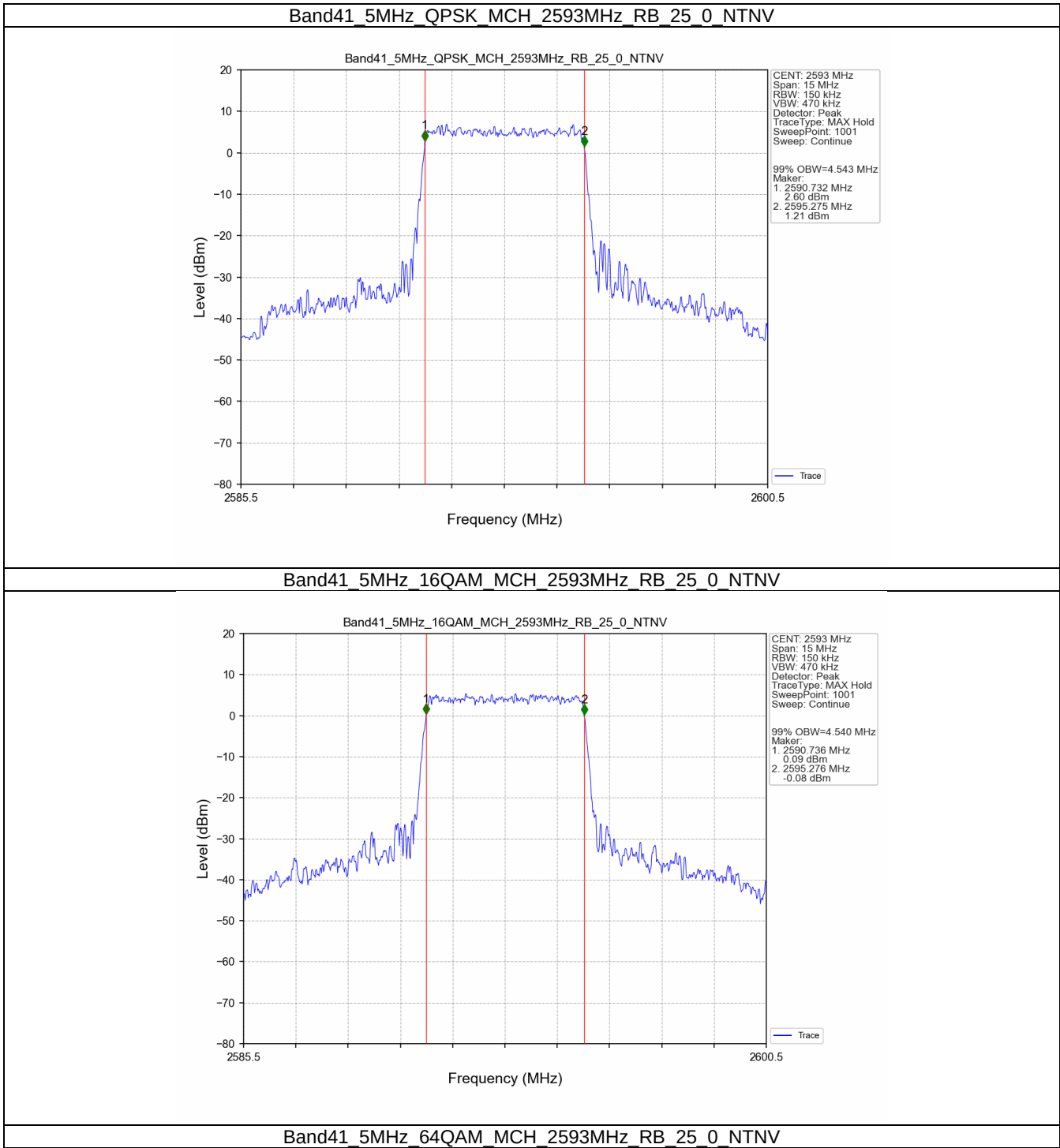
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.543	/	Pass
	16QAM	2593	25	0	4.540	/	Pass
	64QAM	2593	25	0	4.555	/	Pass
10	QPSK	2593	50	0	9.053	/	Pass
	16QAM	2593	50	0	9.033	/	Pass
	64QAM	2593	50	0	9.043	/	Pass
15	QPSK	2593	75	0	13.583	/	Pass
	16QAM	2593	75	0	13.581	/	Pass
	64QAM	2593	75	0	13.534	/	Pass
20	QPSK	2593	100	0	18.028	/	Pass
	16QAM	2593	100	0	18.022	/	Pass
	64QAM	2593	100	0	18.053	/	Pass

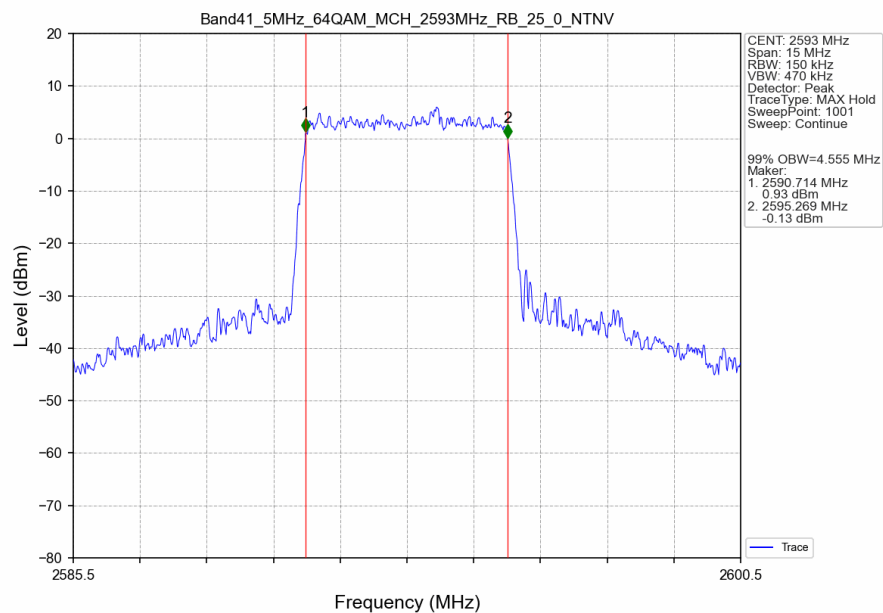
3.1.2 Band41_XDB

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.045	/	Pass
	16QAM	2593	25	0	4.990	/	Pass
	64QAM	2593	25	0	4.968	/	Pass
10	QPSK	2593	50	0	9.881	/	Pass
	16QAM	2593	50	0	9.885	/	Pass
	64QAM	2593	50	0	10.019	/	Pass
15	QPSK	2593	75	0	14.887	/	Pass
	16QAM	2593	75	0	14.817	/	Pass
	64QAM	2593	75	0	14.823	/	Pass
20	QPSK	2593	100	0	19.721	/	Pass
	16QAM	2593	100	0	19.745	/	Pass
	64QAM	2593	100	0	19.701	/	Pass

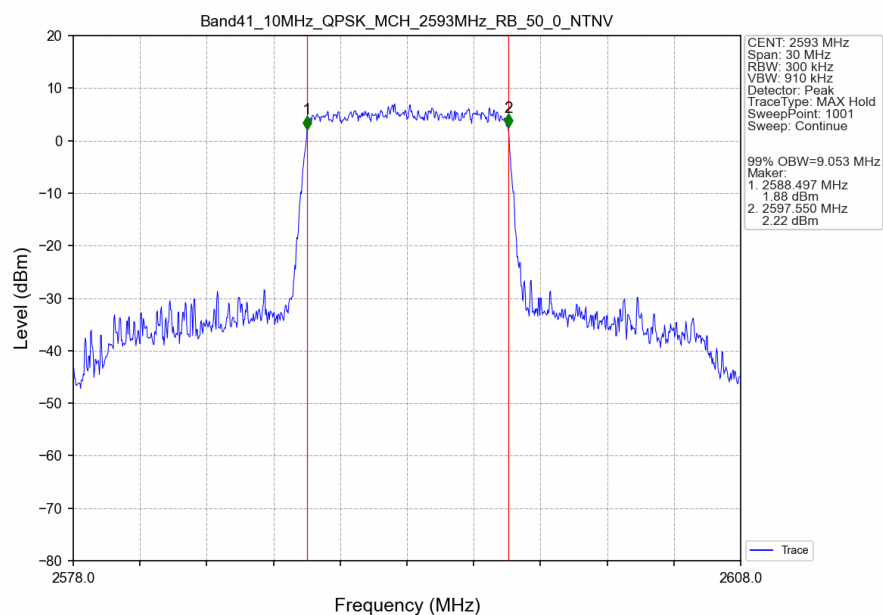
3.2 Test Graph

3.2.1 Band41_OBW

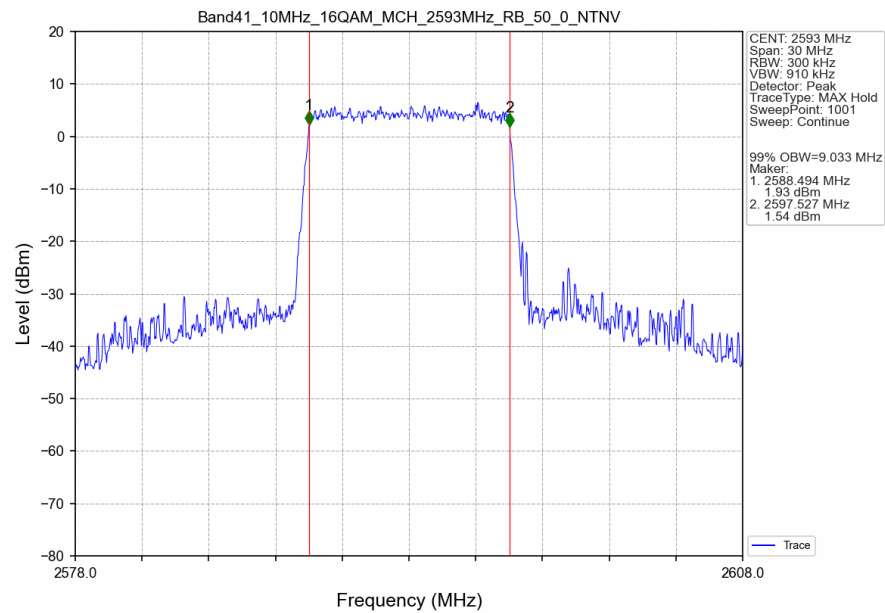




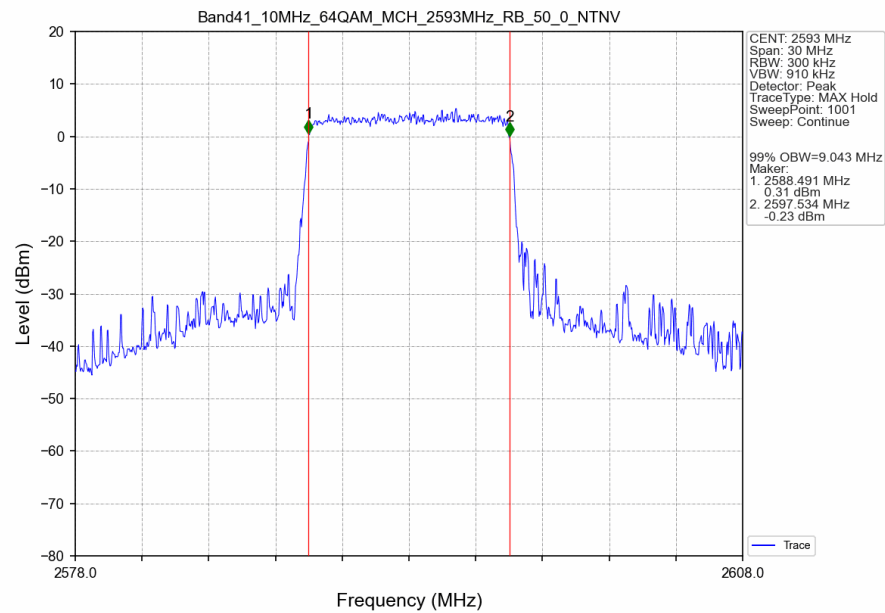
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



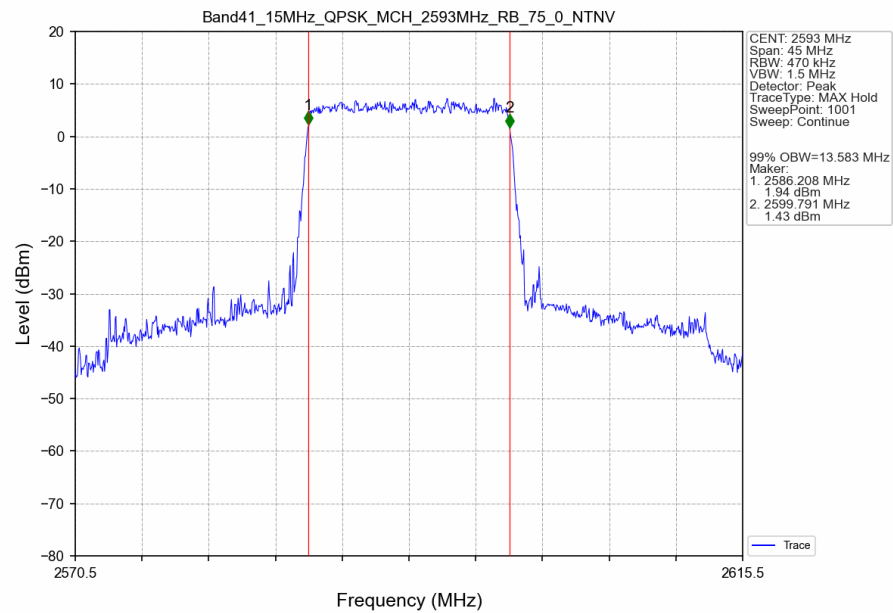
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



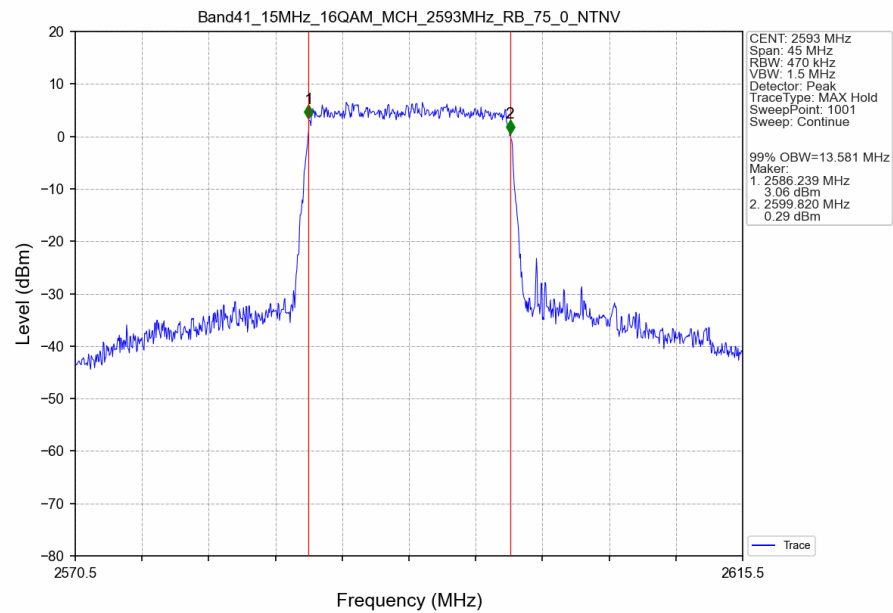
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



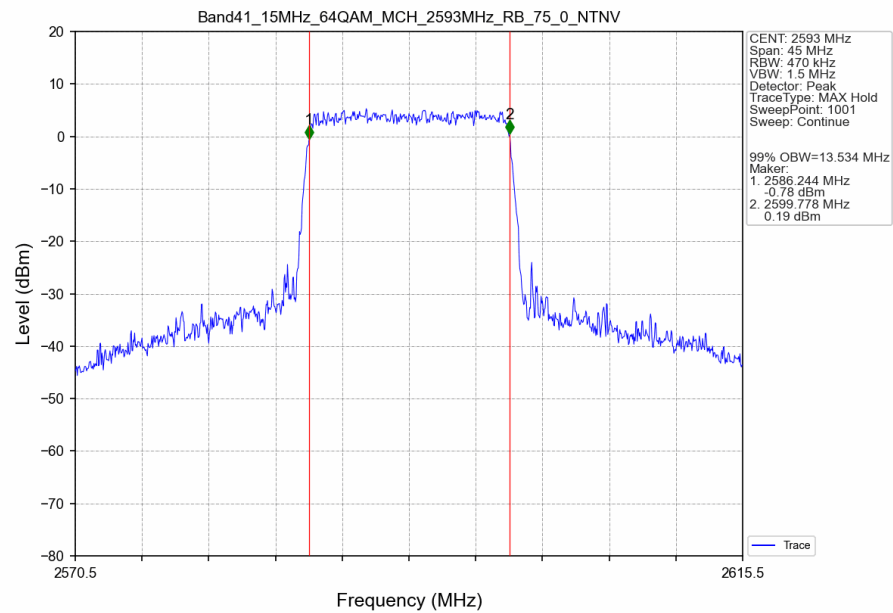
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



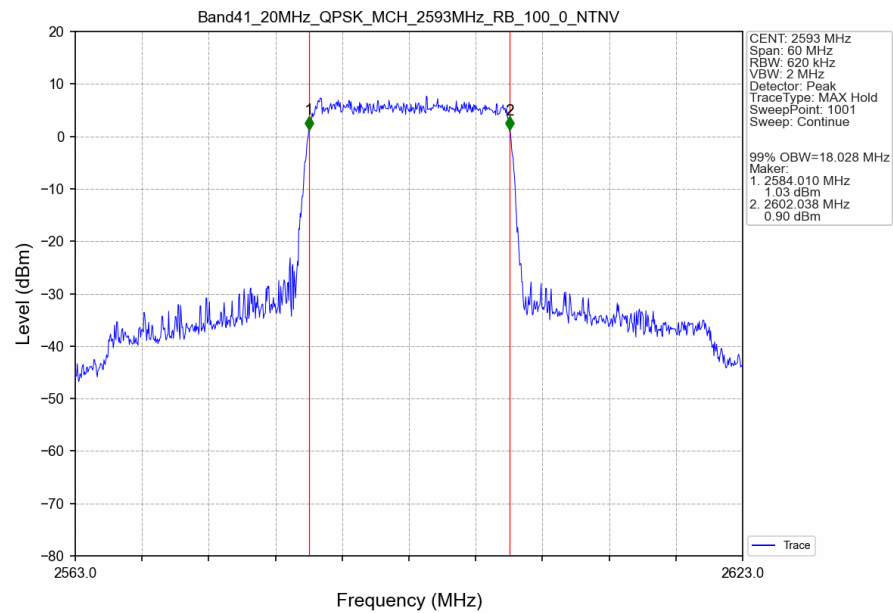
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



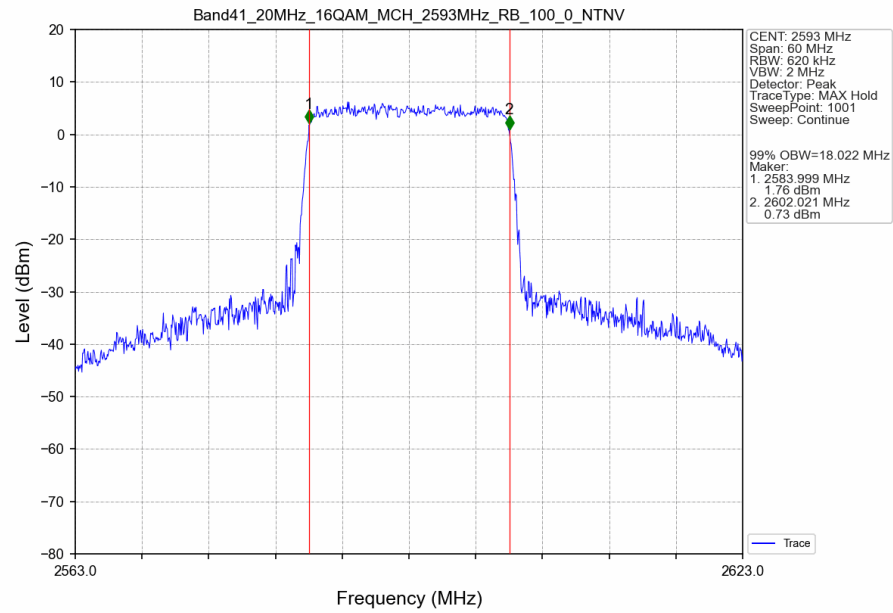
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



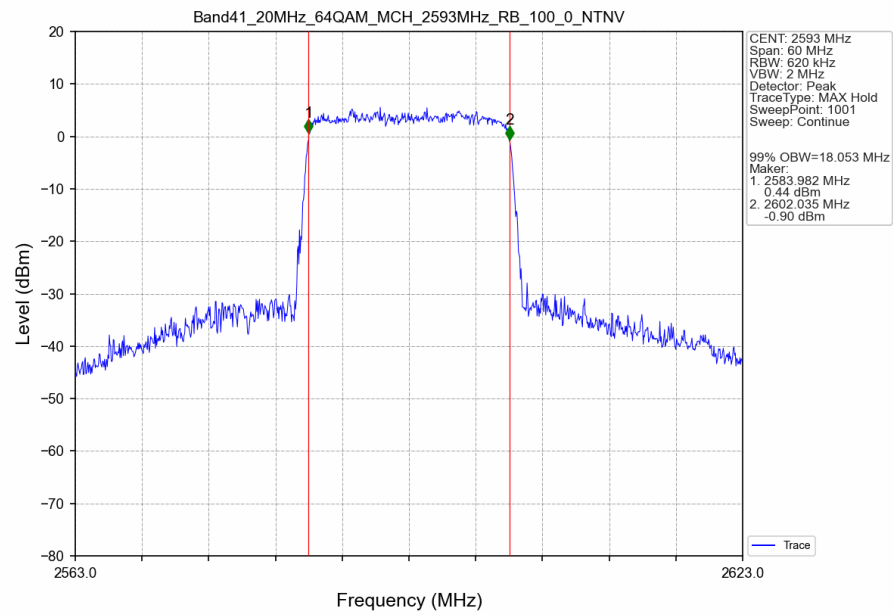
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



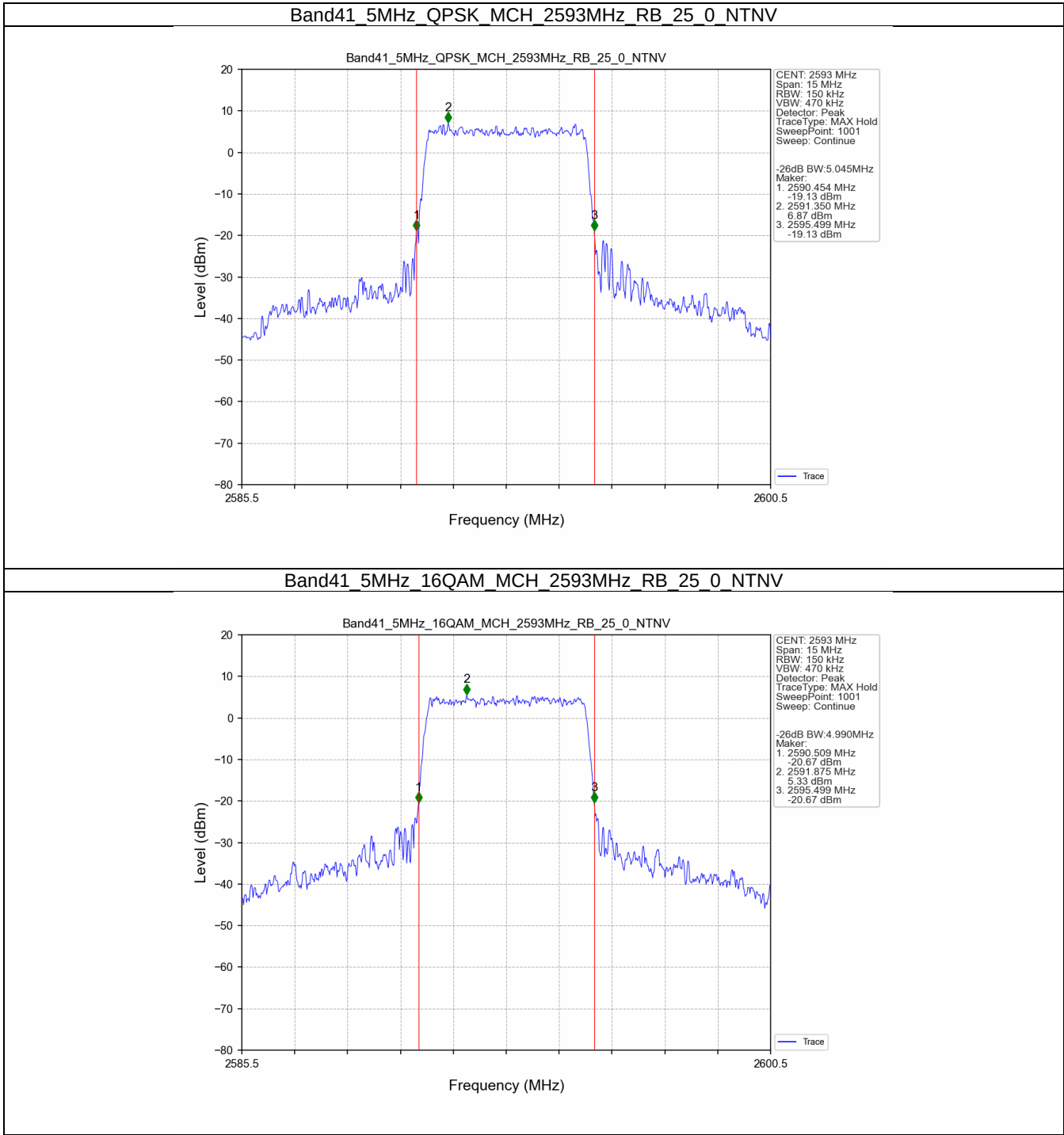
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



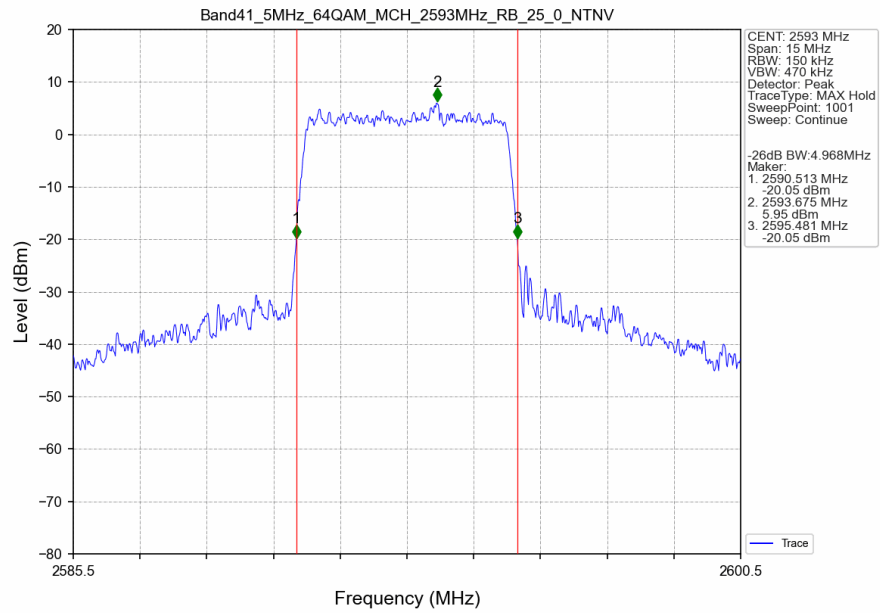
Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



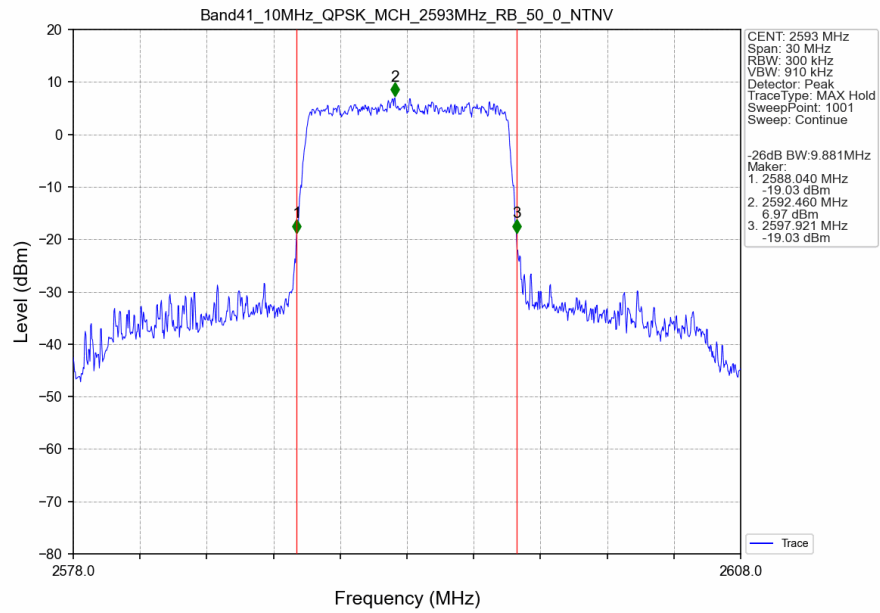
3.2.2 Band41_XDB



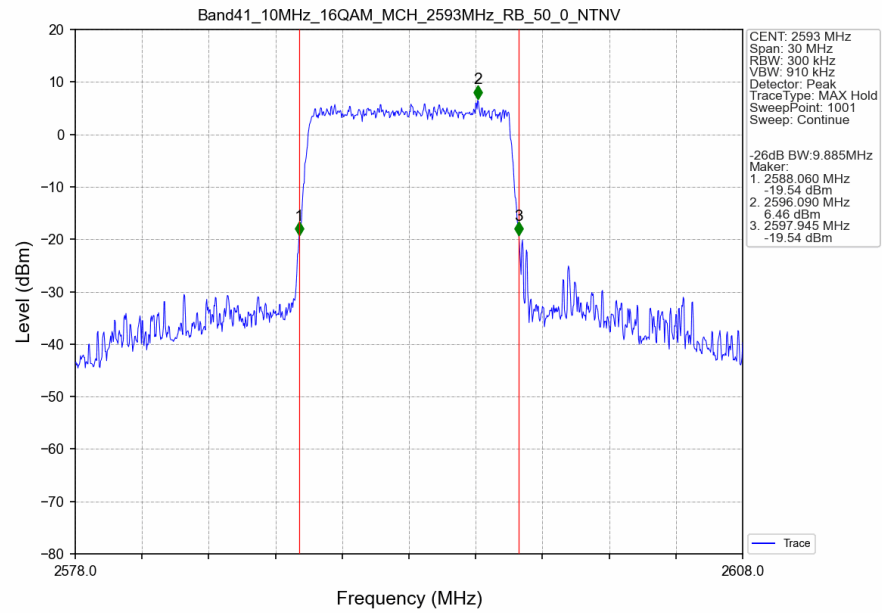
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



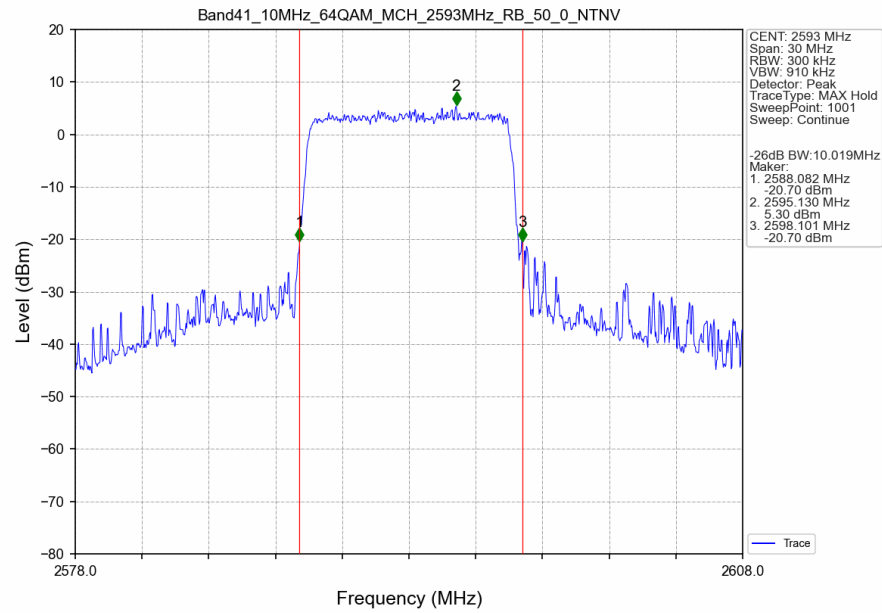
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



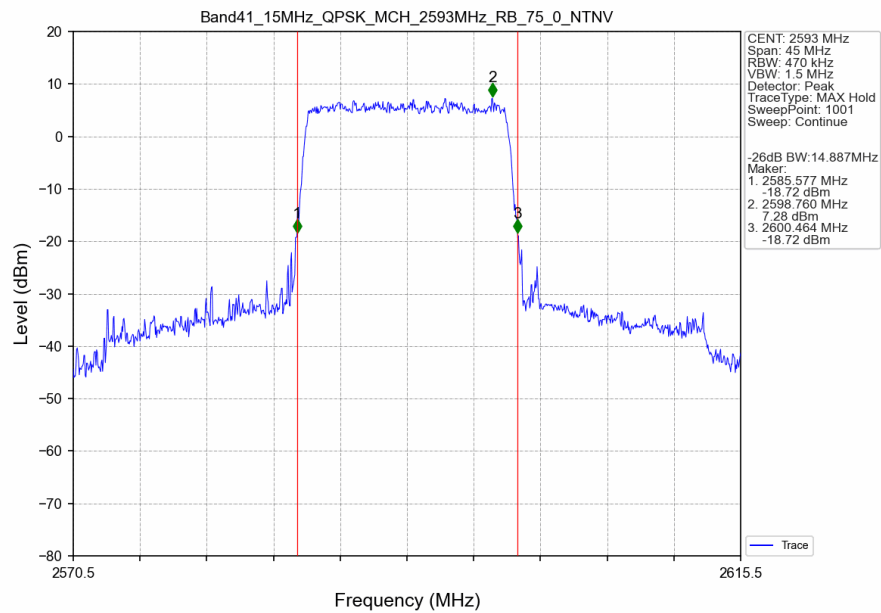
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



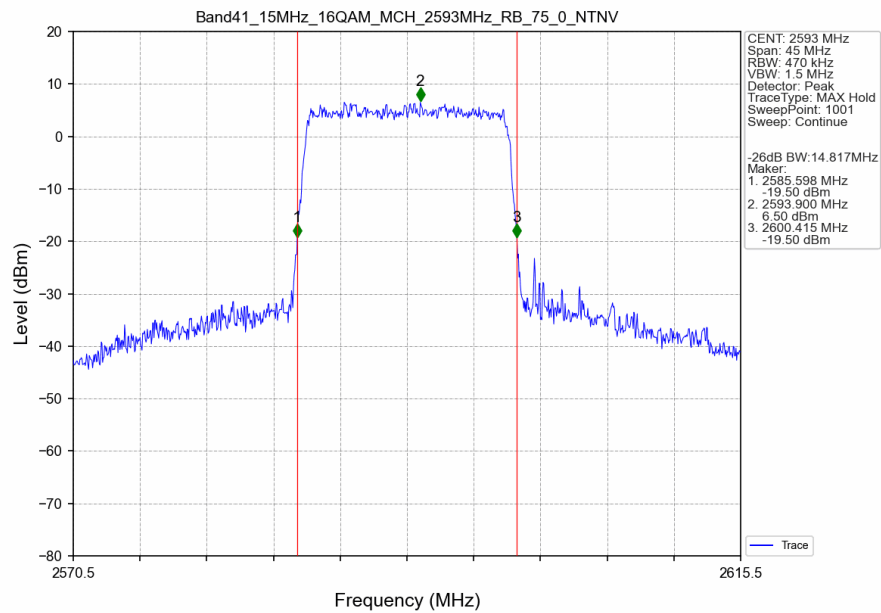
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



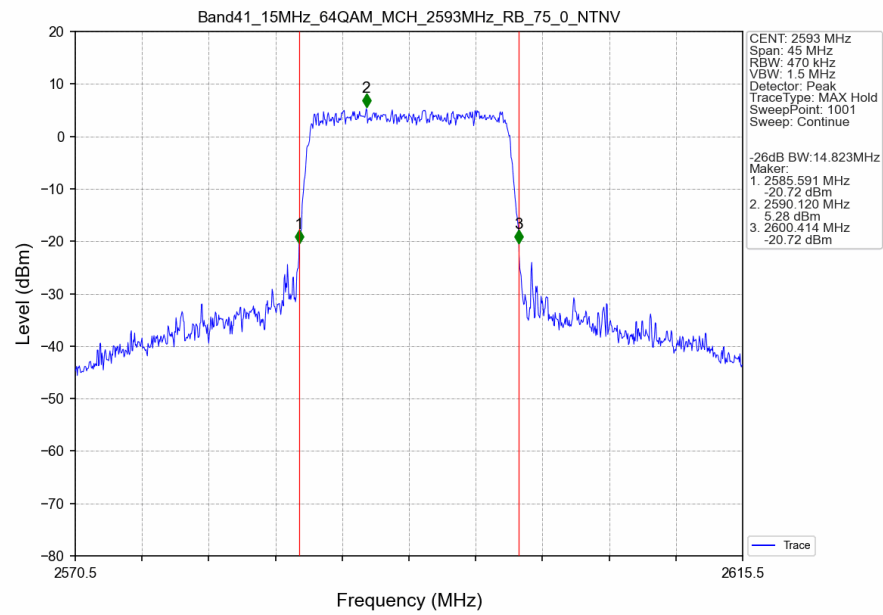
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



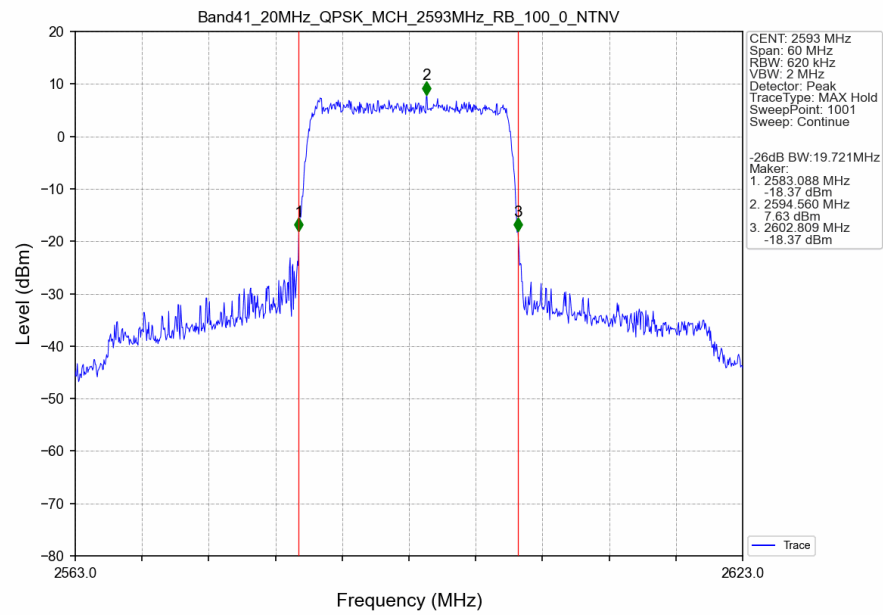
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



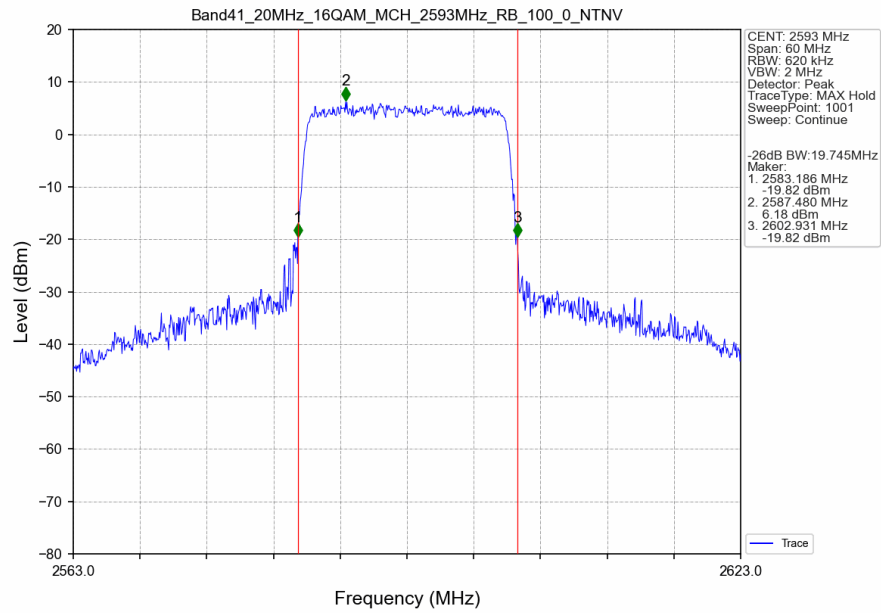
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



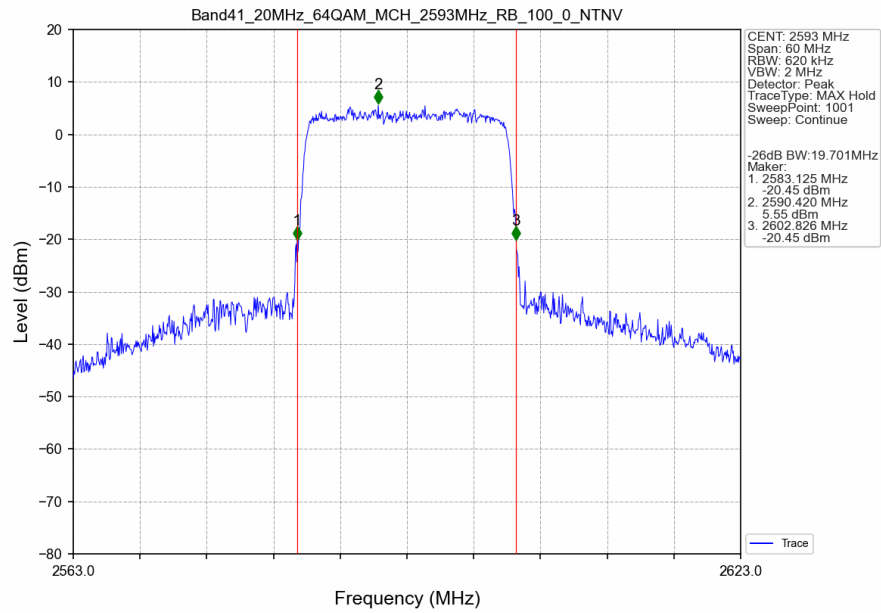
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



4. Peak-Average Ratio

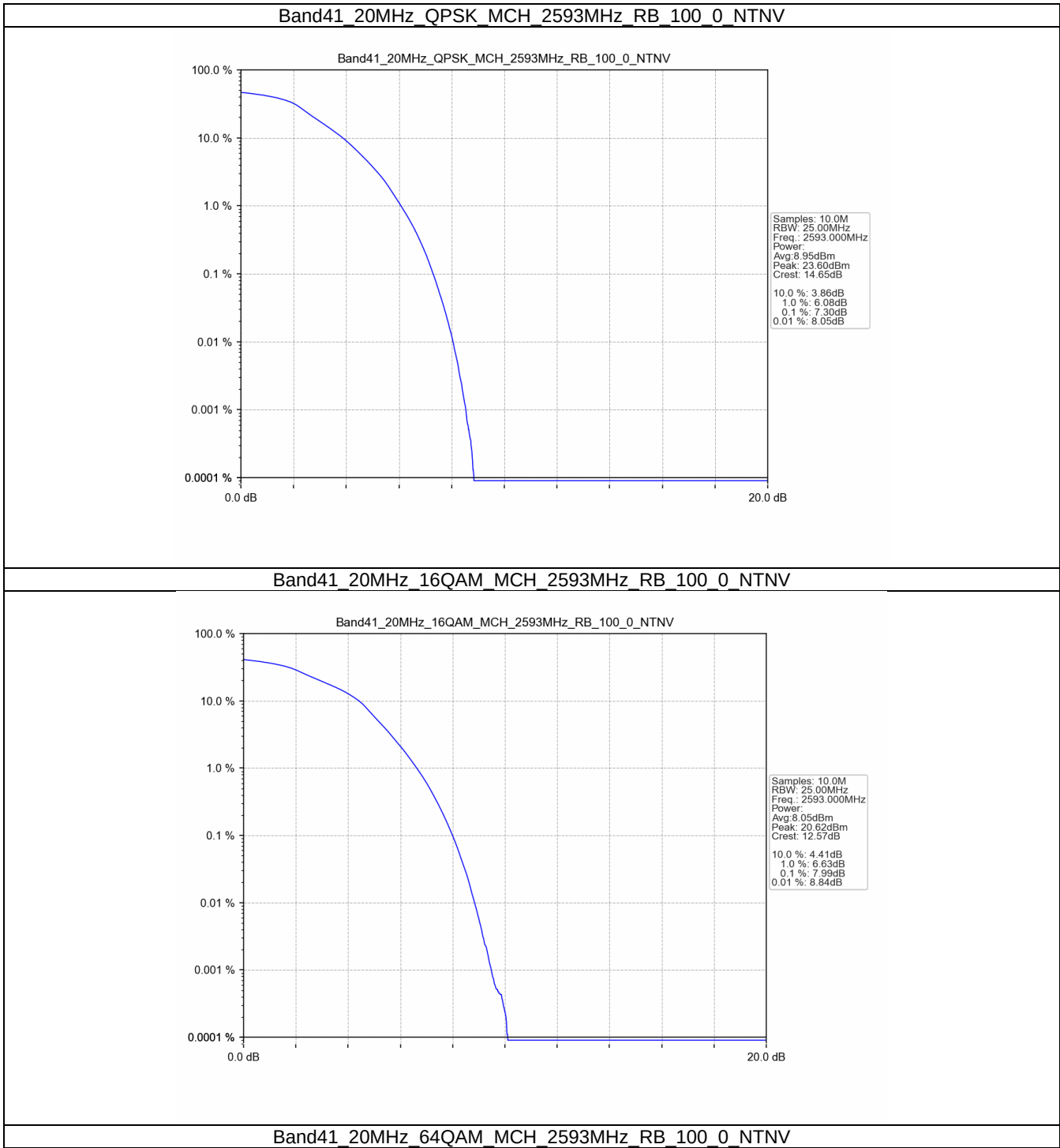
4.1 Test Result

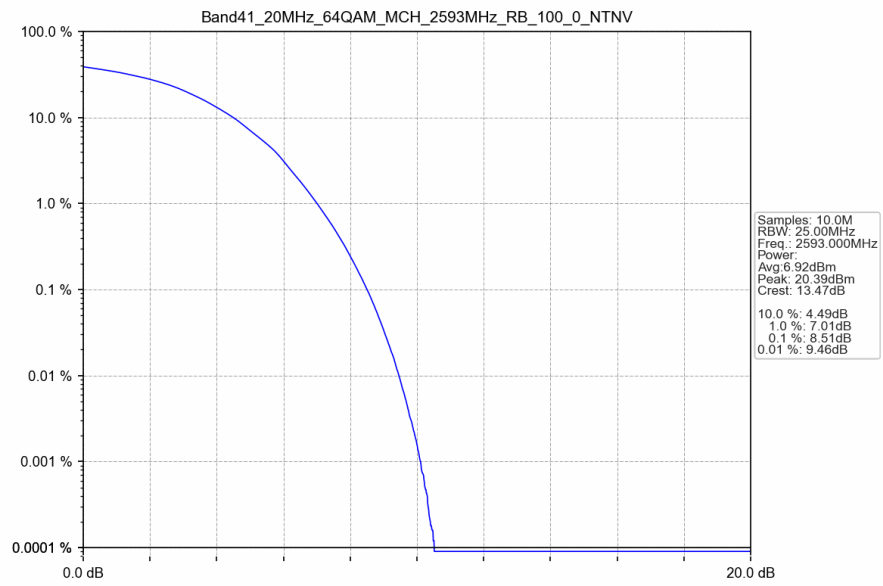
4.1.1 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	7.30	<=13	Pass
16QAM	2593	100	0	7.99	<=13	Pass
64QAM	2593	100	0	8.51	<=13	Pass

4.2 Test Graph

4.2.1 B41_20MHz





5. Spurious Emission

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
		2687.5	1	0	Refer To Test Graph	
	24			Refer To Test Graph		Pass
	25		0	Refer To Test Graph		Pass

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
		2685	1	0	Refer To Test Graph	
	49			Refer To Test Graph		Pass
	50		0	Refer To Test Graph		Pass

5.1.3 B41_15MHz

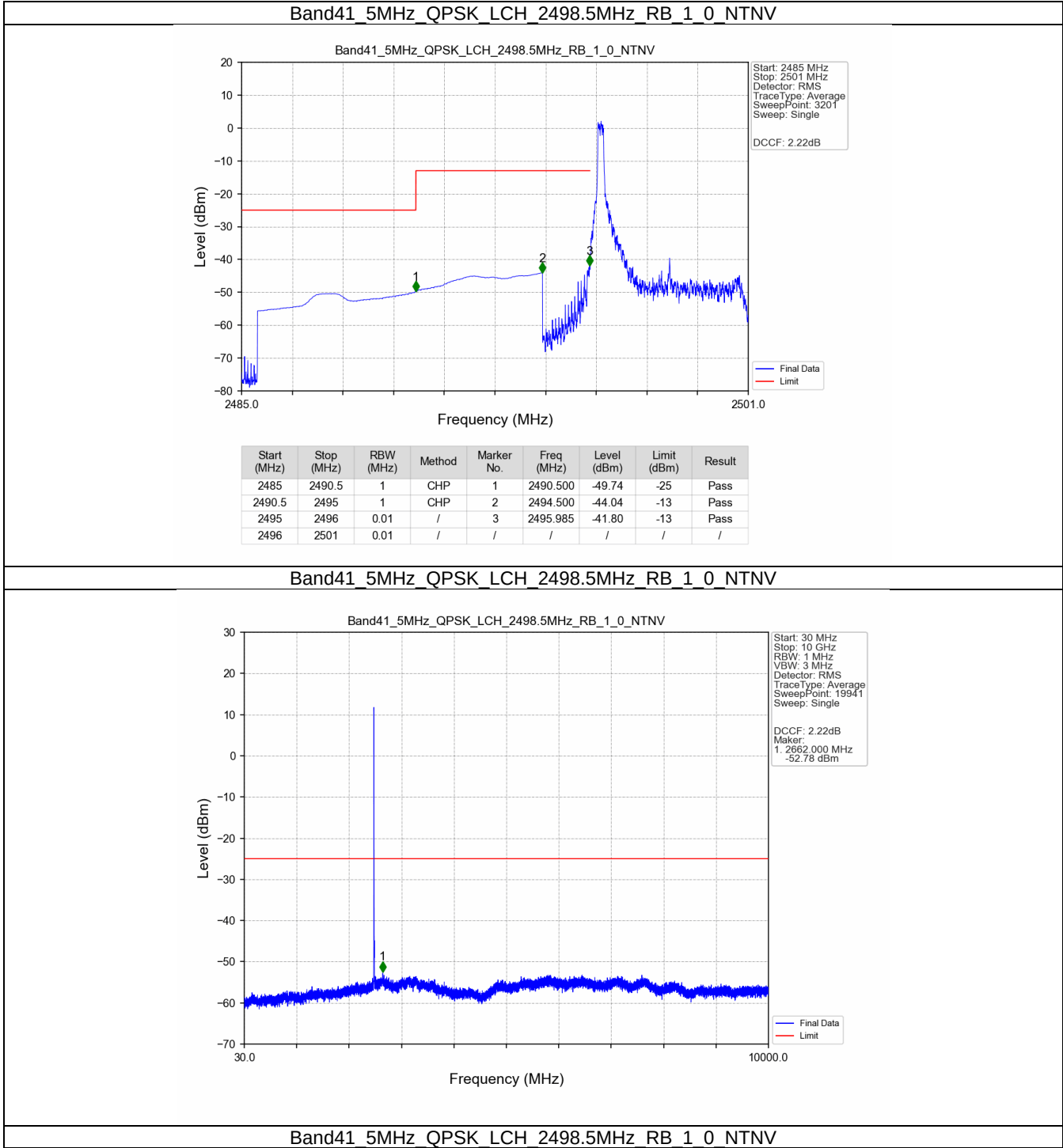
Band: 41 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

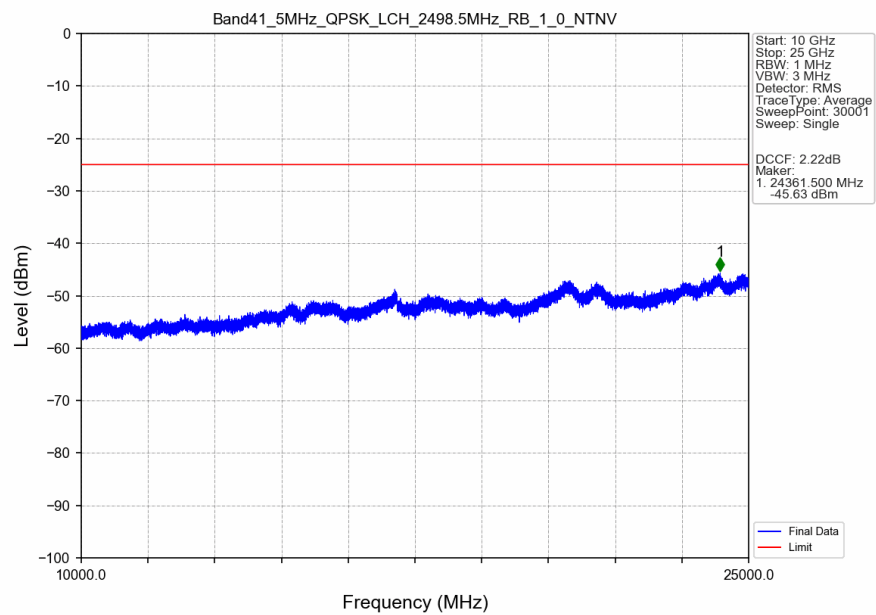
5.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

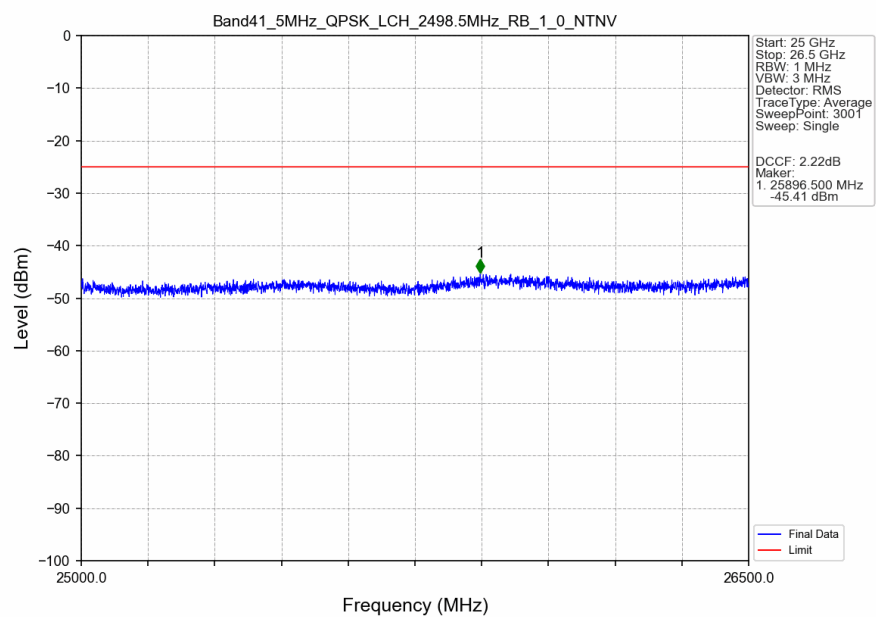
5.2 Test Graph

5.2.1 B41_5MHz

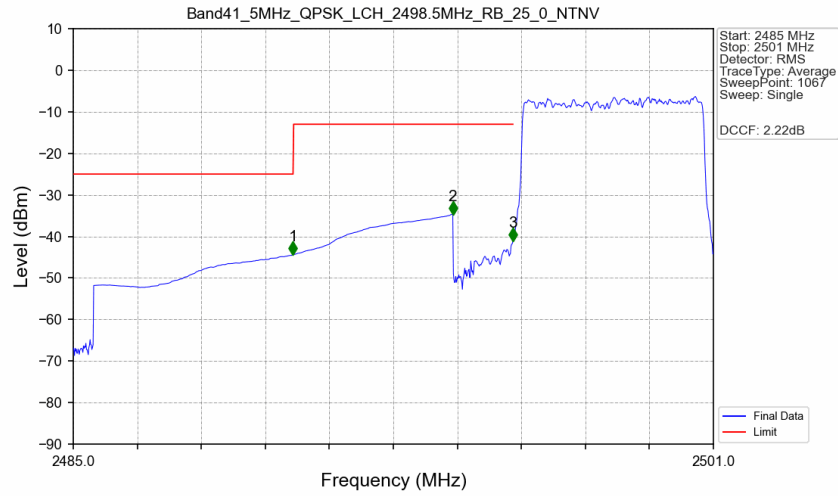




Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

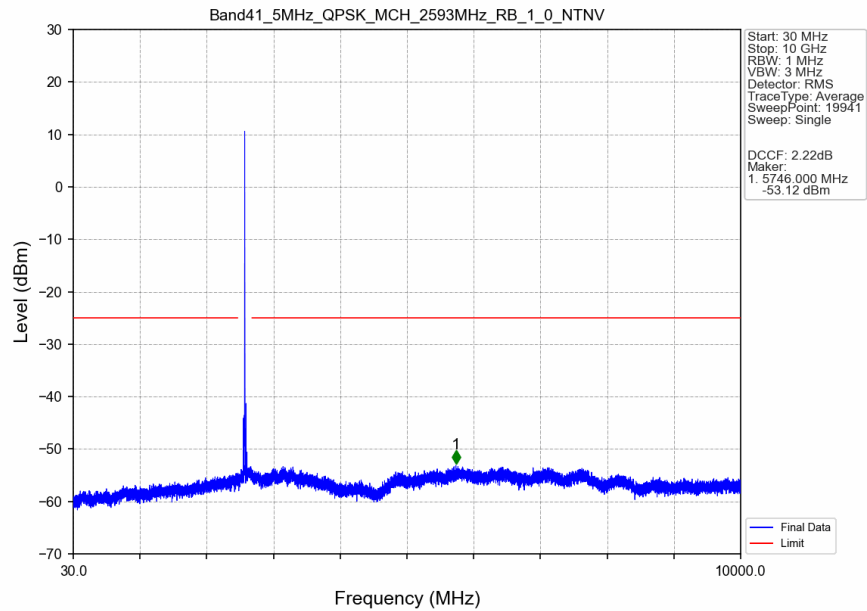


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

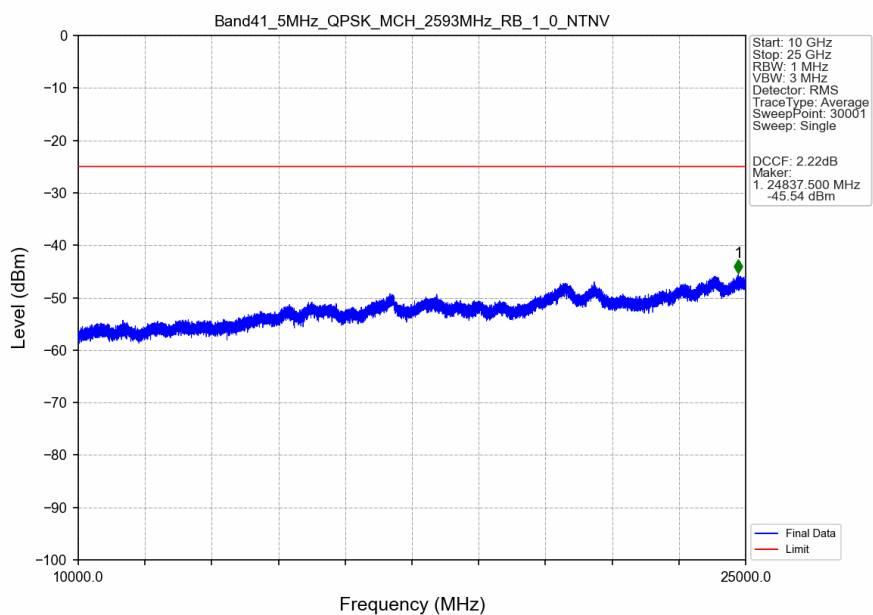


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-44.44	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-34.67	-13	Pass
2495	2496	0.05	CHP	3	2495.987	-41.15	-13	Pass
2496	2501	0.05	CHP	/	/	/	/	/

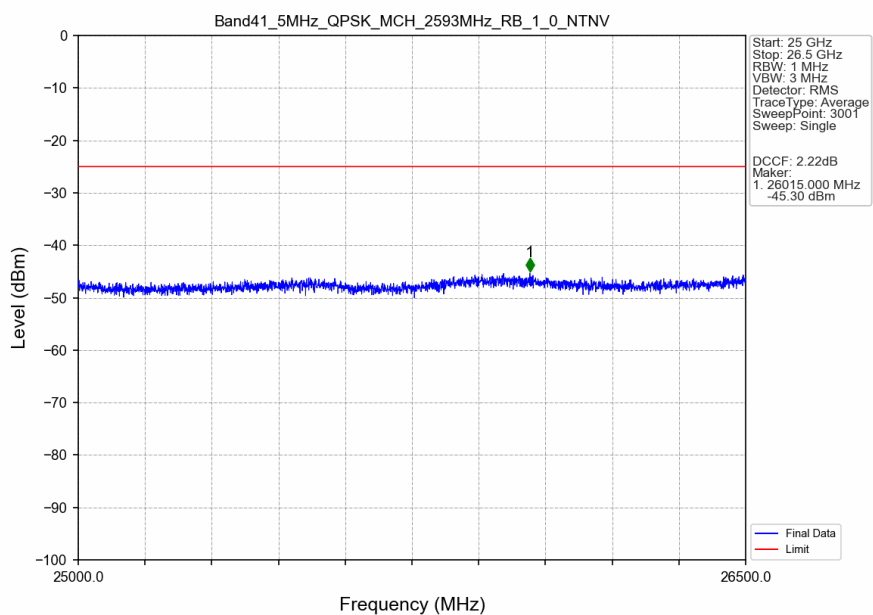
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



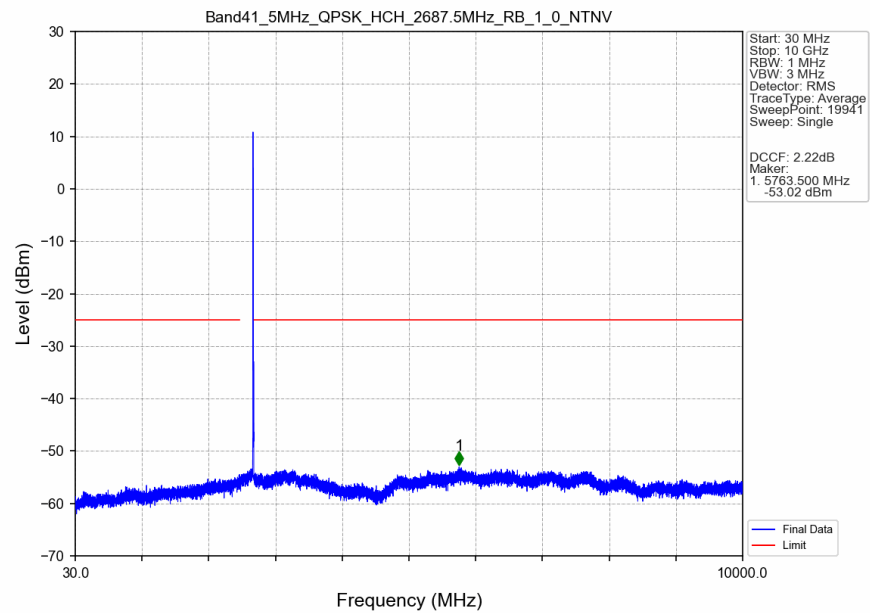
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



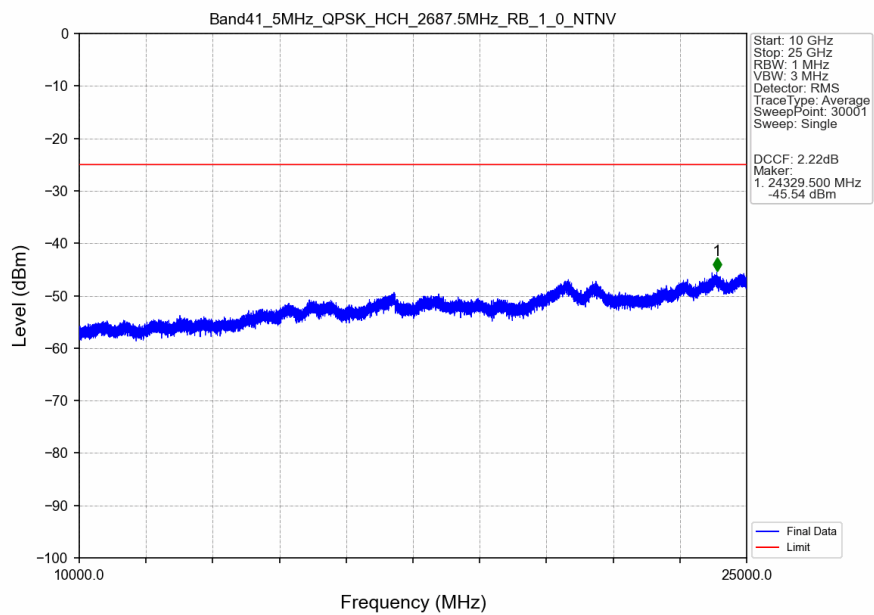
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



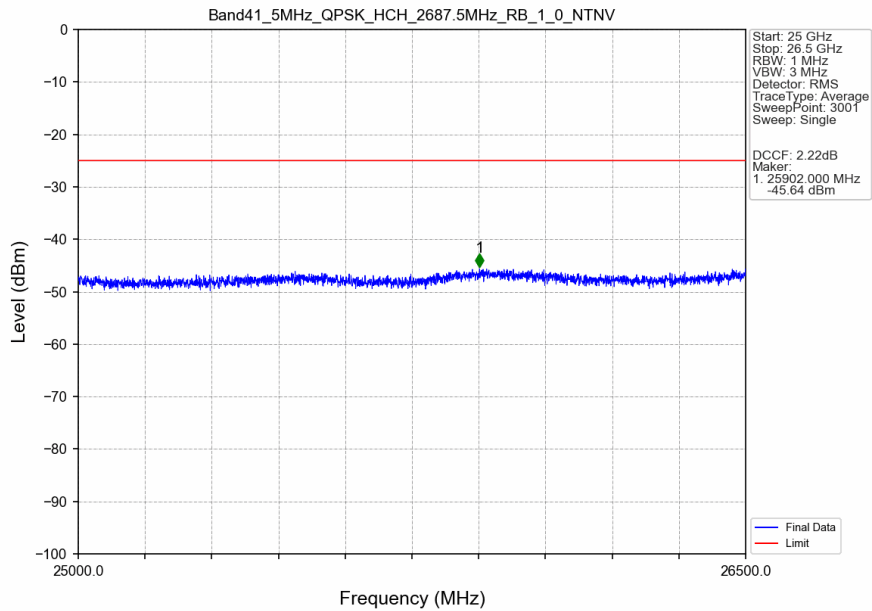
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



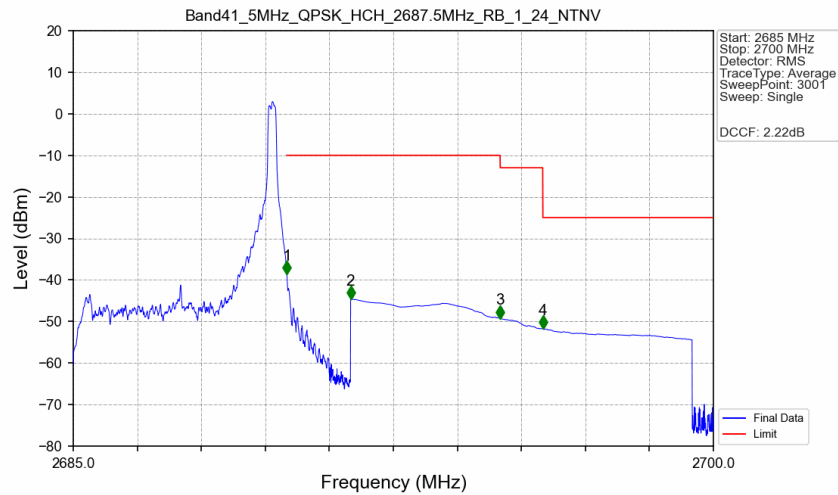
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

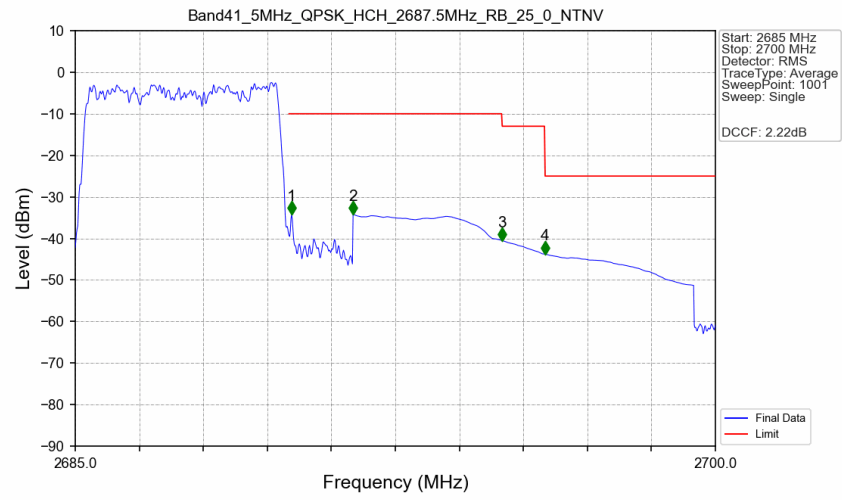


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



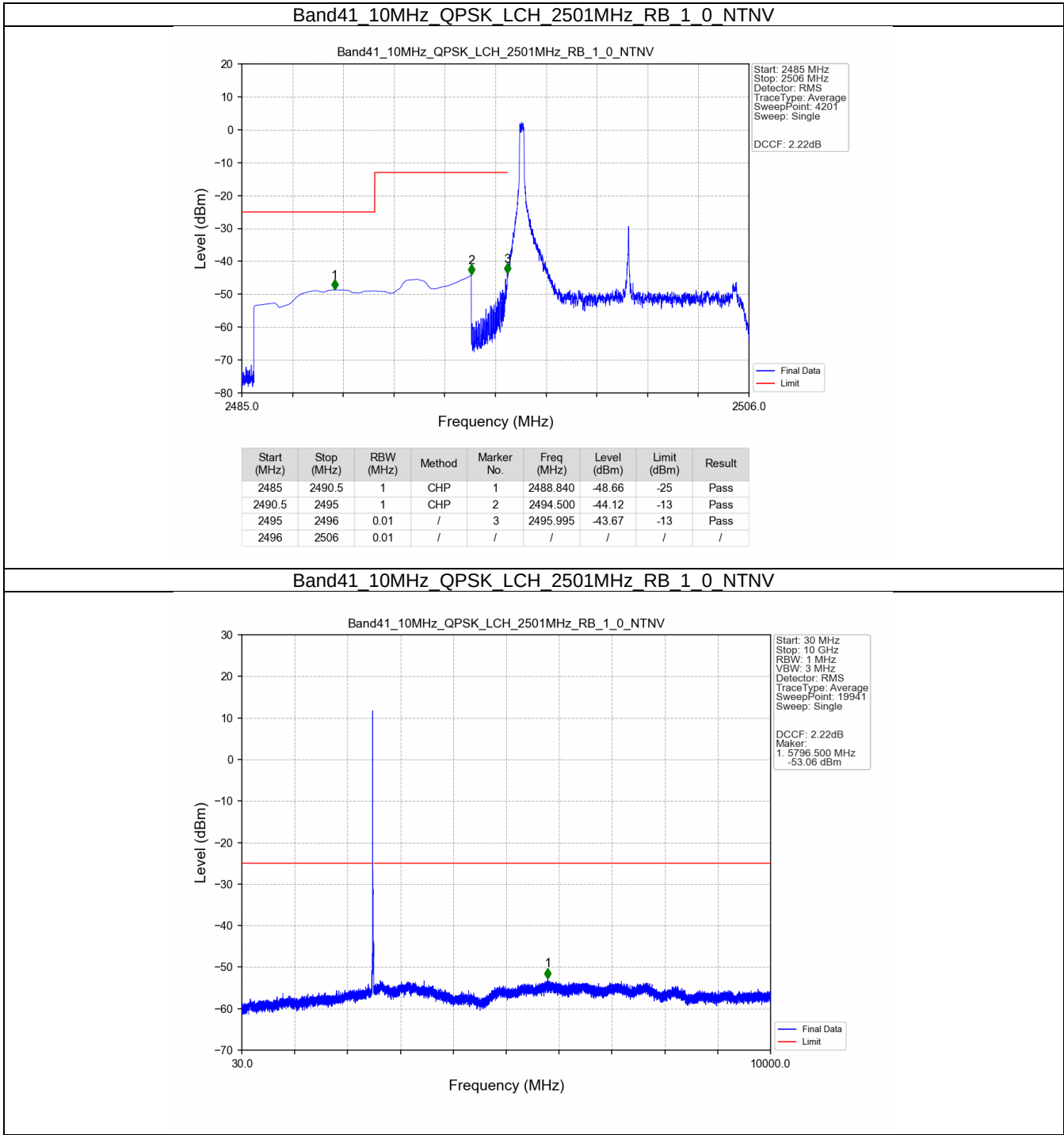
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-38.54	-10	Pass
2691	2695	1	CHP	2	2691.500	-44.56	-10	Pass
2695	2696	1	CHP	3	2695.005	-49.25	-13	Pass
2696	2700	1	CHP	4	2696.005	-51.79	-25	Pass

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV

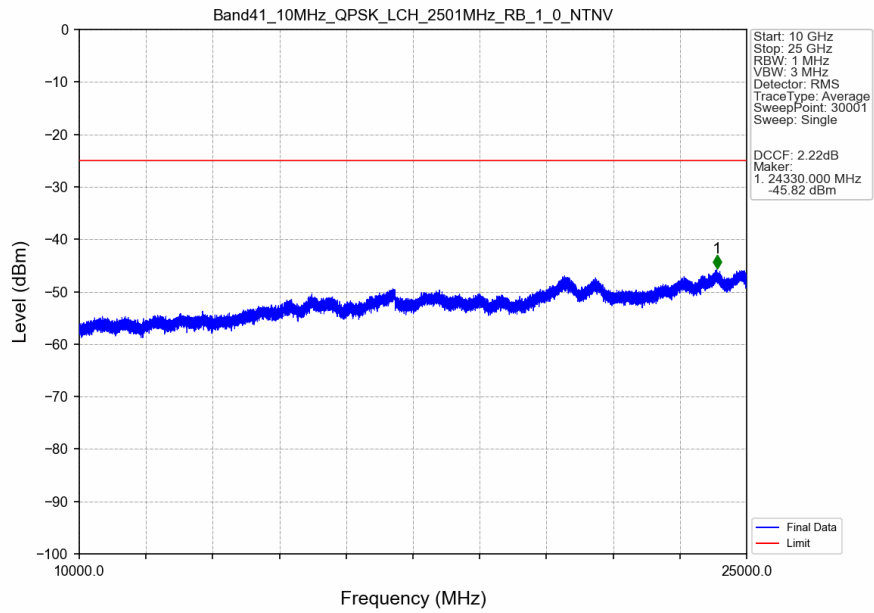


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.070	-34.19	-10	Pass
2691	2695	1	CHP	2	2691.510	-34.26	-10	Pass
2695	2696	1	CHP	3	2695.005	-40.52	-13	Pass
2696	2700	1	CHP	4	2696.010	-43.77	-25	Pass

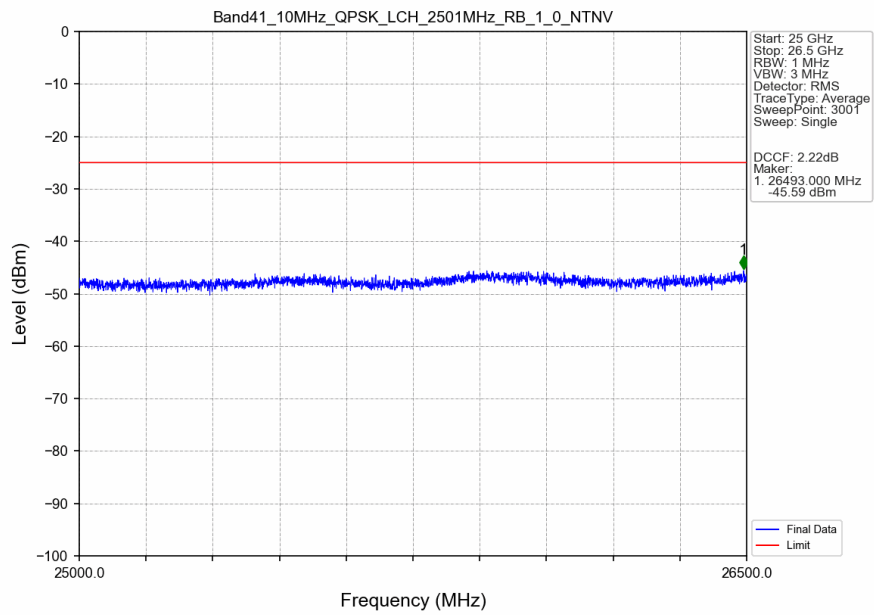
5.2.2 B41_10MHz



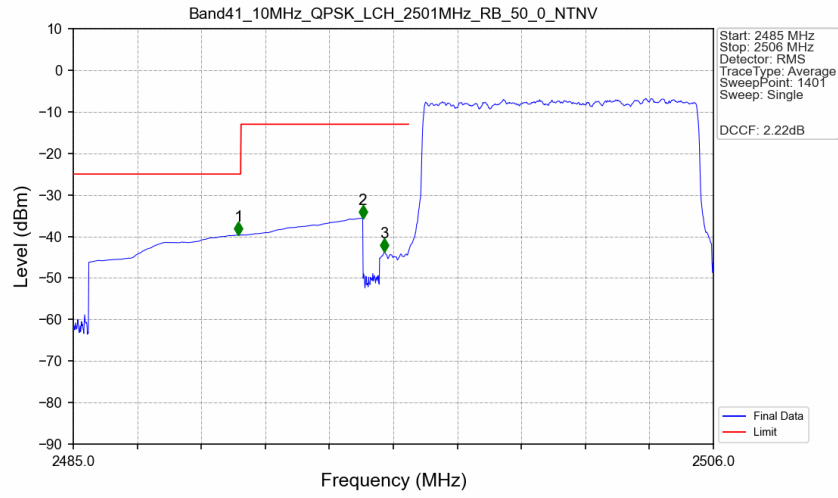
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

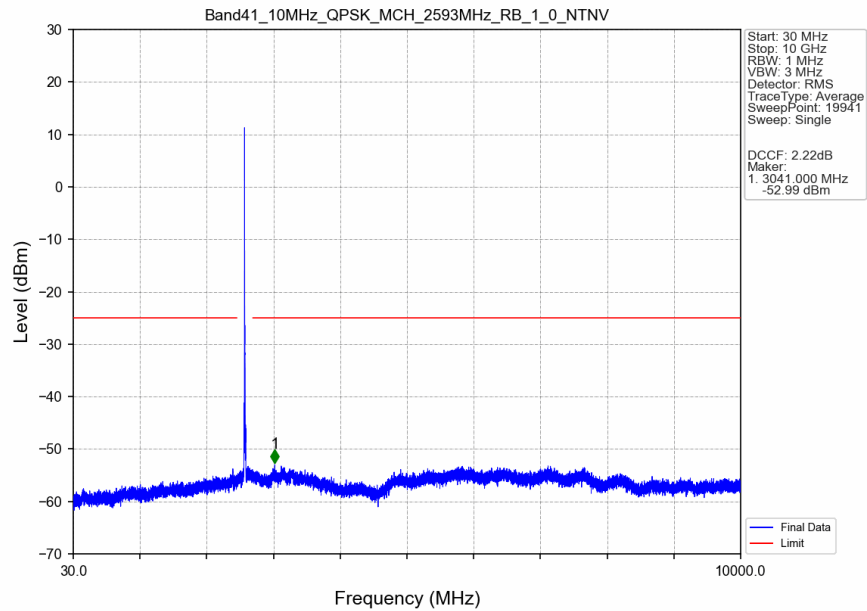


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

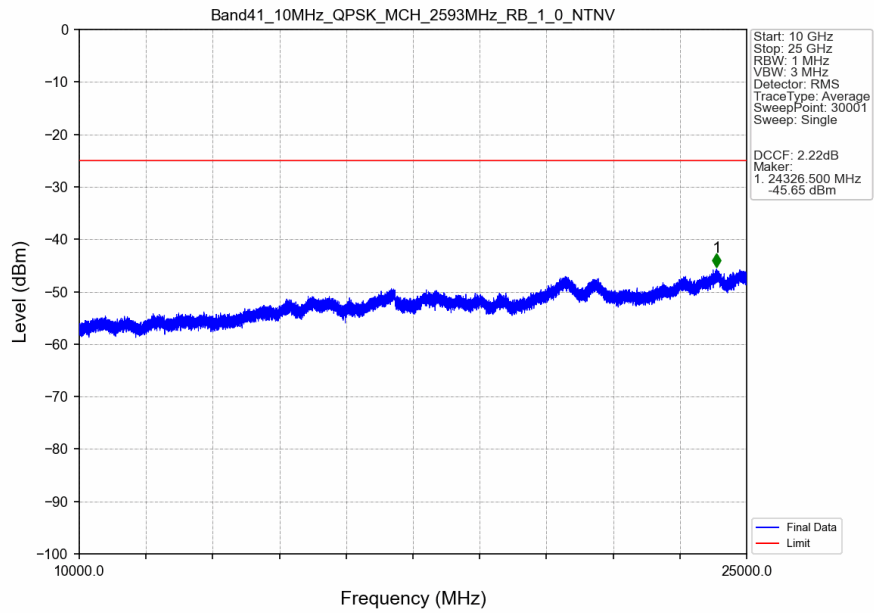


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.415	-39.63	-25	Pass
2490.5	2495	1	CHP	2	2494.495	-35.60	-13	Pass
2495	2496	0.099	CHP	3	2495.200	-43.71	-13	Pass
2496	2506	0.099	CHP	/	/	/	/	/

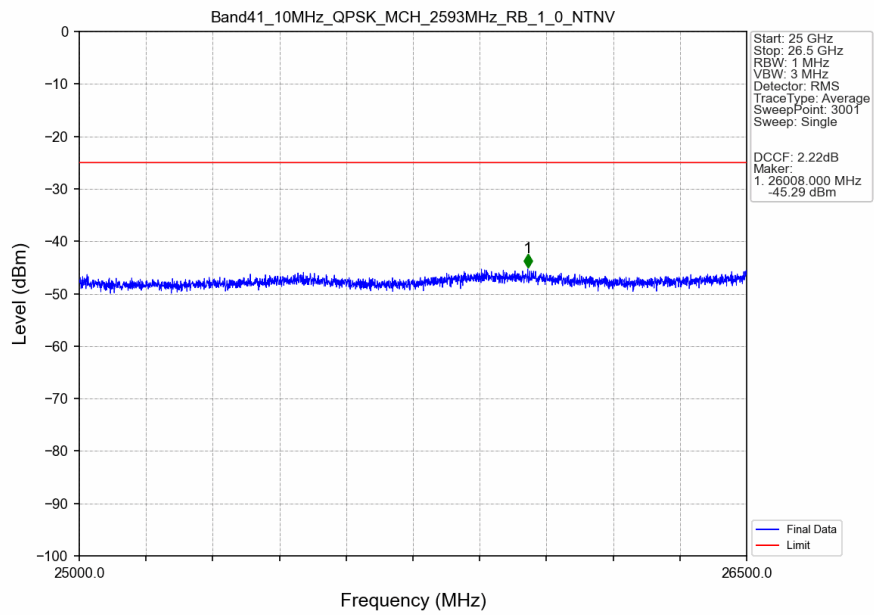
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



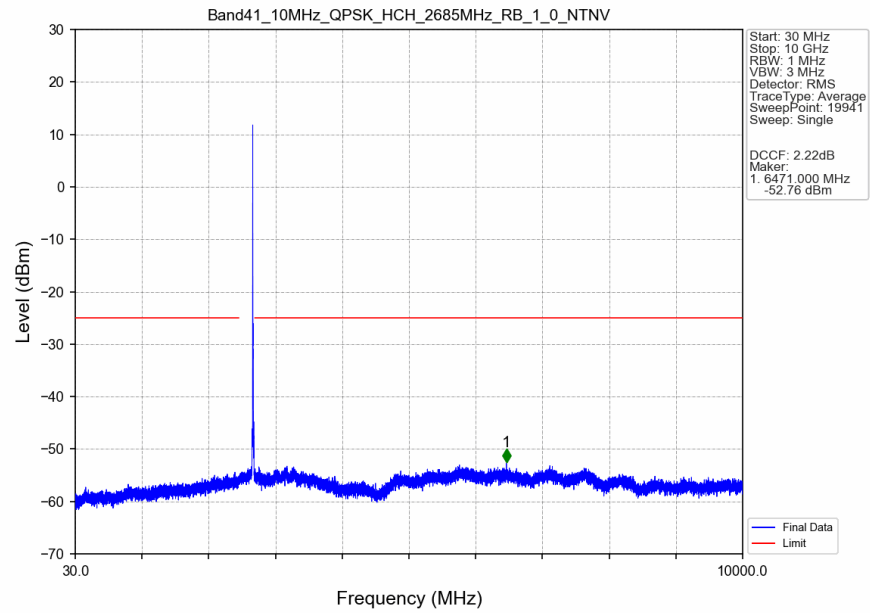
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



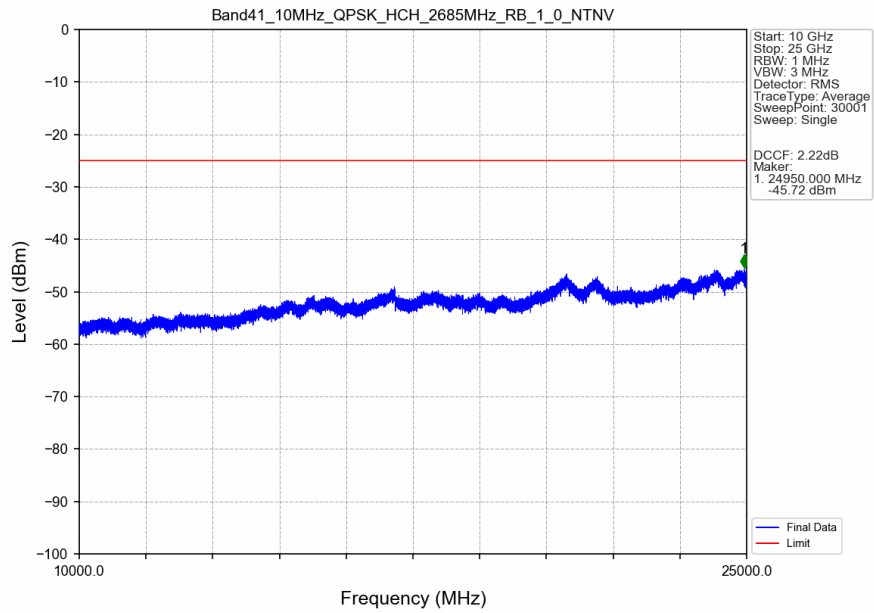
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



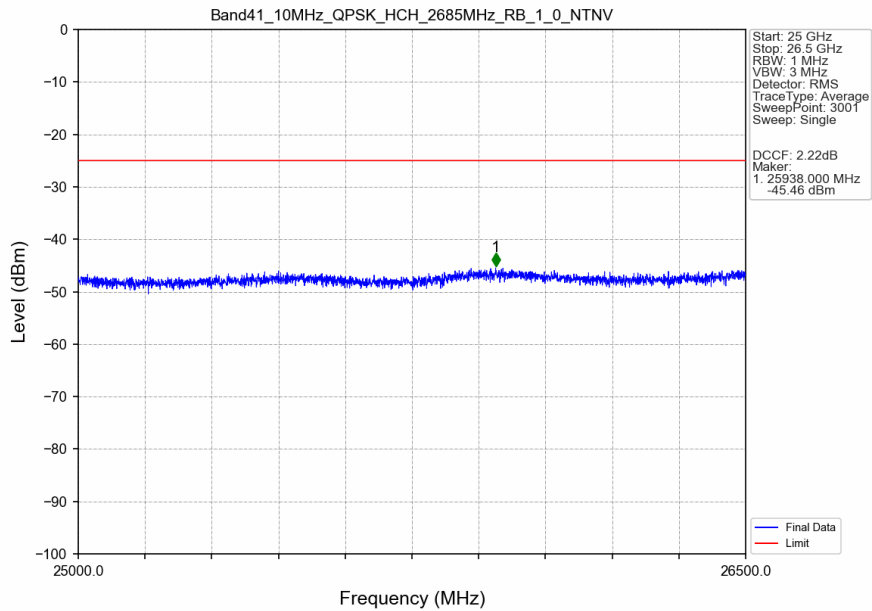
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



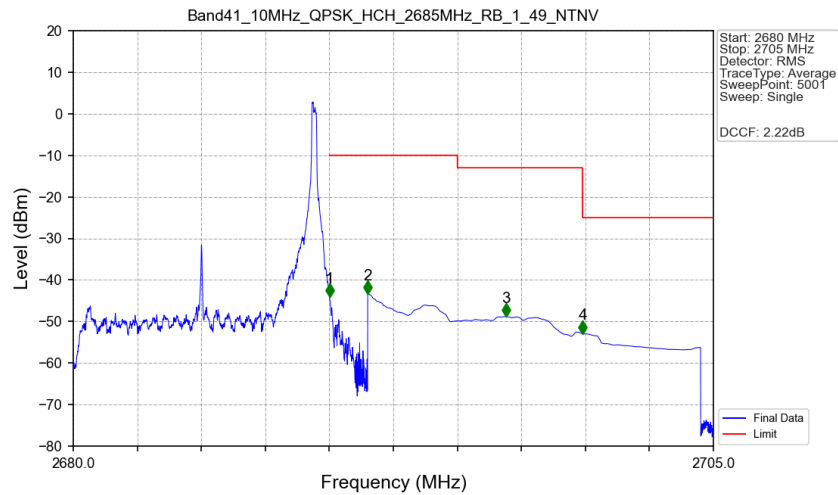
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

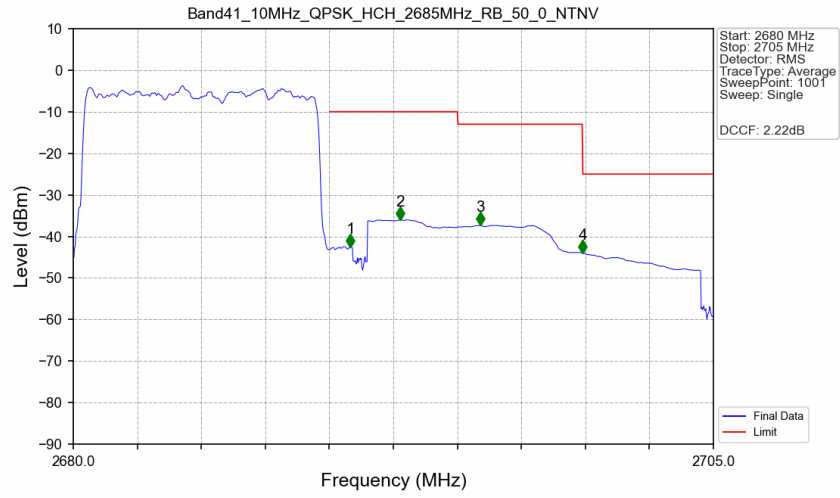


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



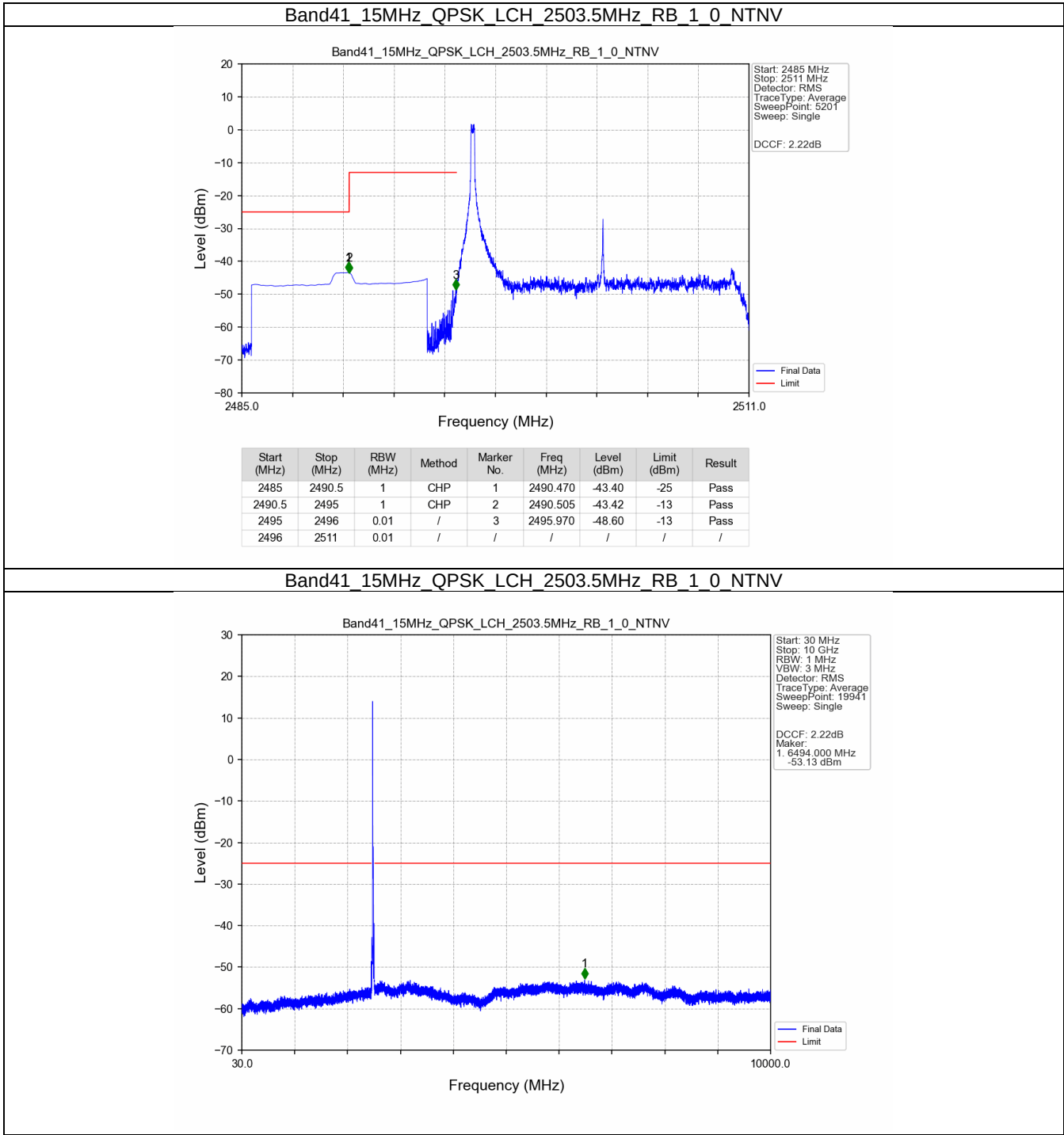
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-44.05	-10	Pass
2691	2695	1	CHP	2	2691.500	-43.28	-10	Pass
2695	2699.885	1	CHP	3	2696.915	-48.81	-13	Pass
2699.885	2705	1	CHP	4	2699.890	-52.90	-25	Pass

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV

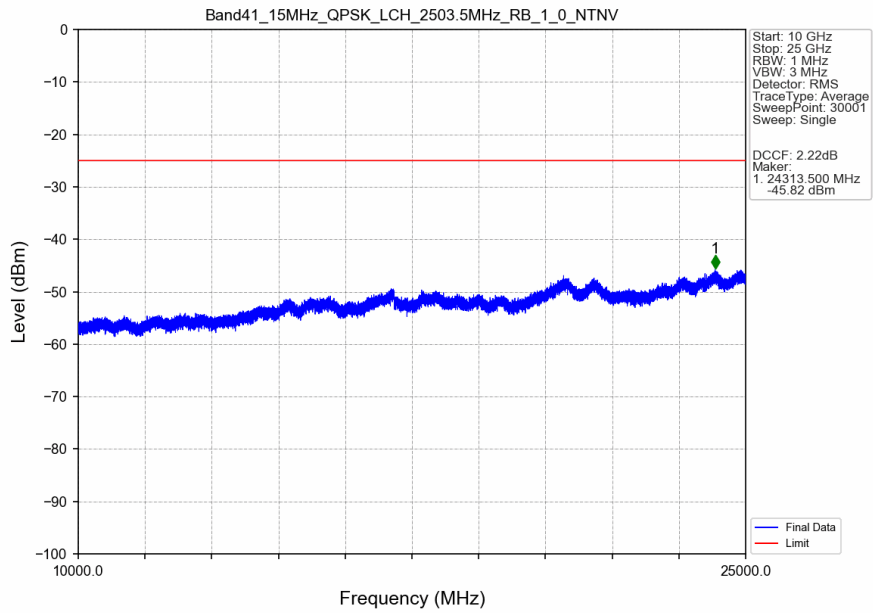


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.198	CHP	/	/	/	/	/
2690	2691	0.198	CHP	1	2690.825	-42.51	-10	Pass
2691	2695	1	CHP	2	2692.775	-35.95	-10	Pass
2695	2699.885	1	CHP	3	2695.900	-37.35	-13	Pass
2699.885	2705	1	CHP	4	2699.900	-44.00	-25	Pass

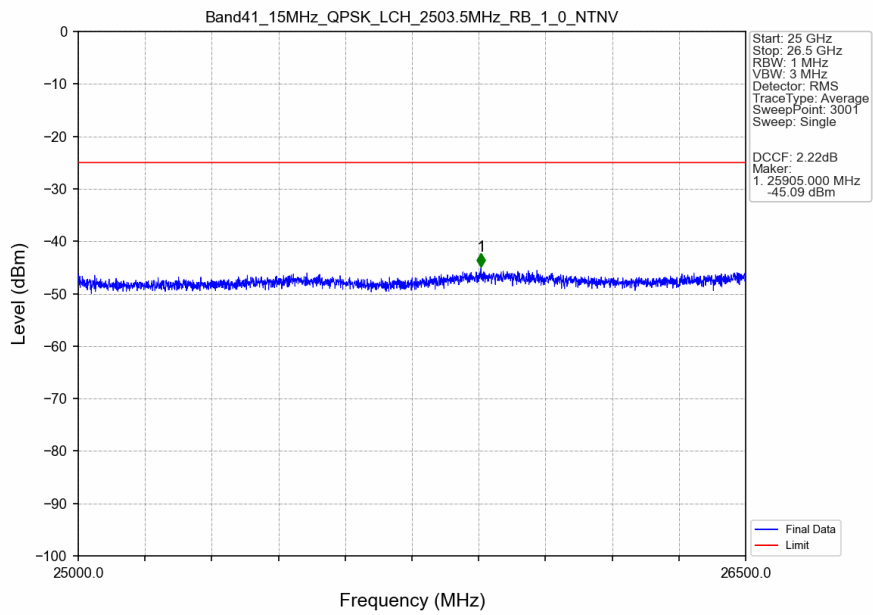
5.2.3 B41_15MHz



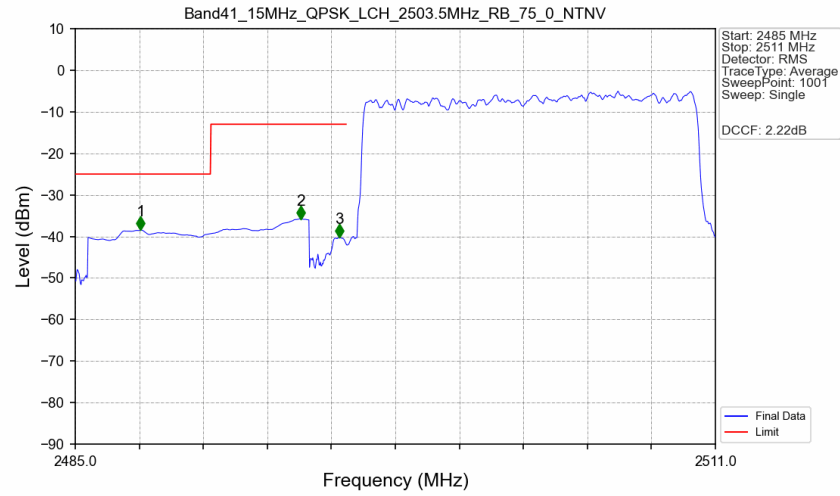
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

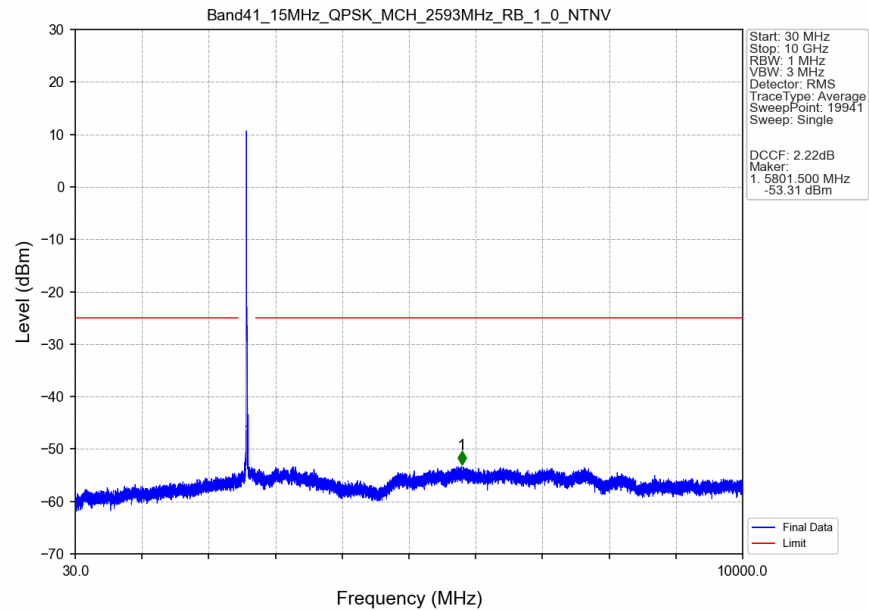


Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV

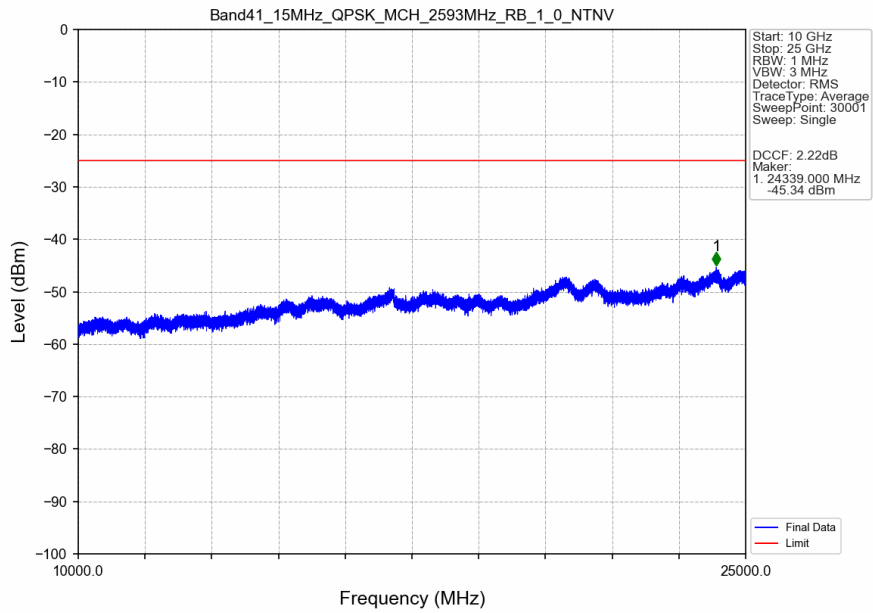


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.652	-38.48	-25	Pass
2490.5	2495	1	CHP	2	2494.152	-35.78	-13	Pass
2495	2496	0.148	CHP	3	2495.712	-40.19	-13	Pass
2496	2511	0.148	CHP	/	/	/	/	/

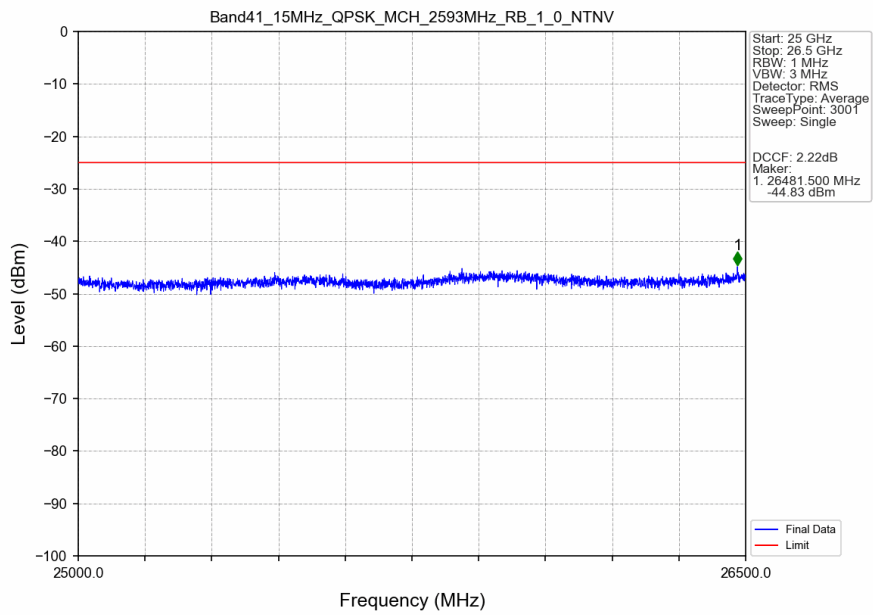
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



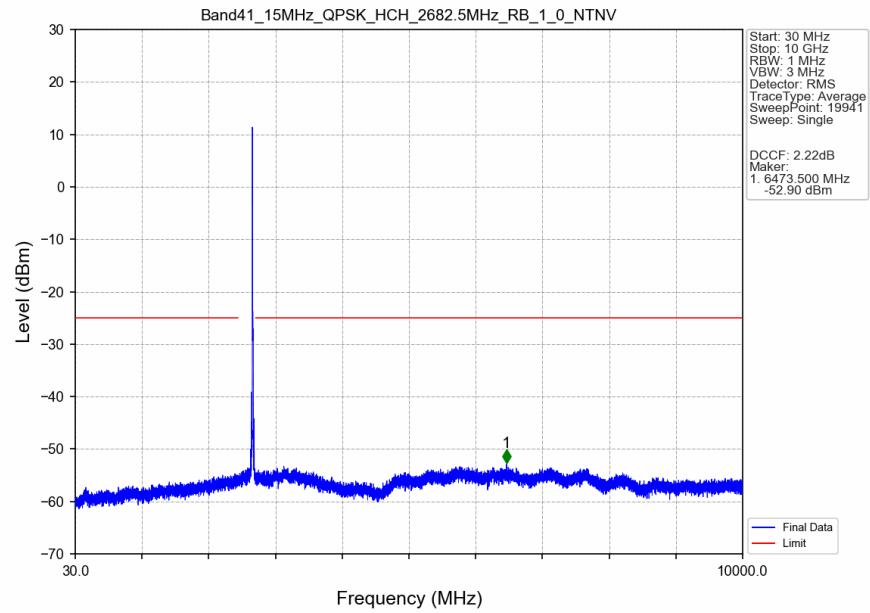
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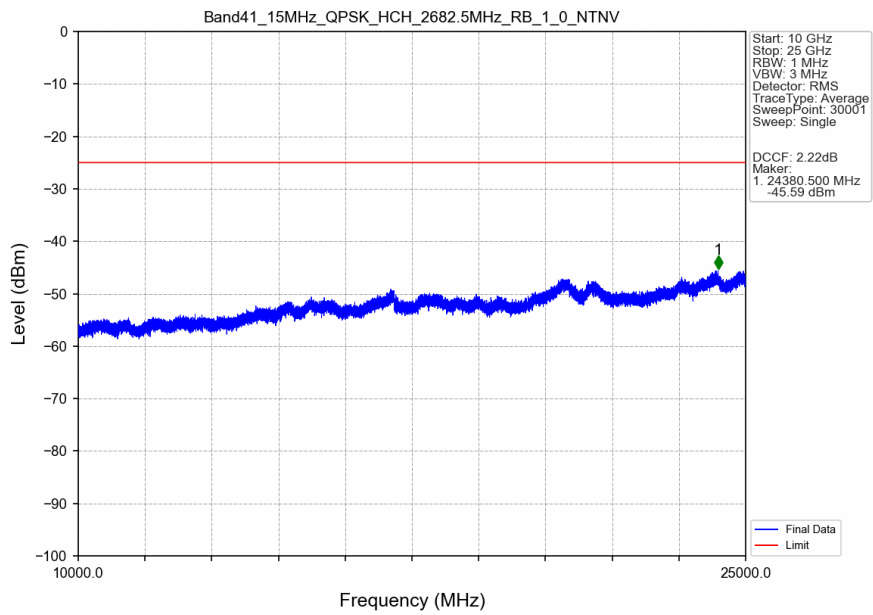
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



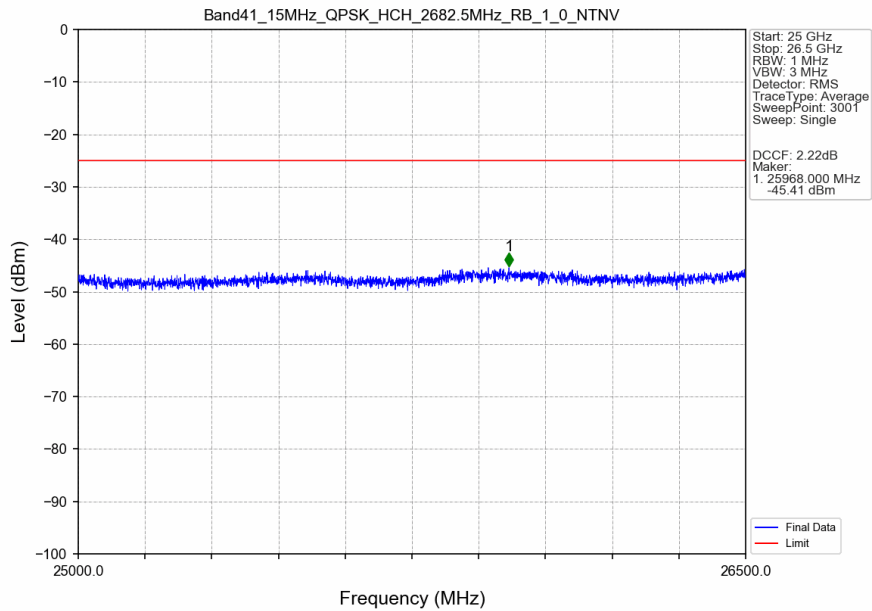
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



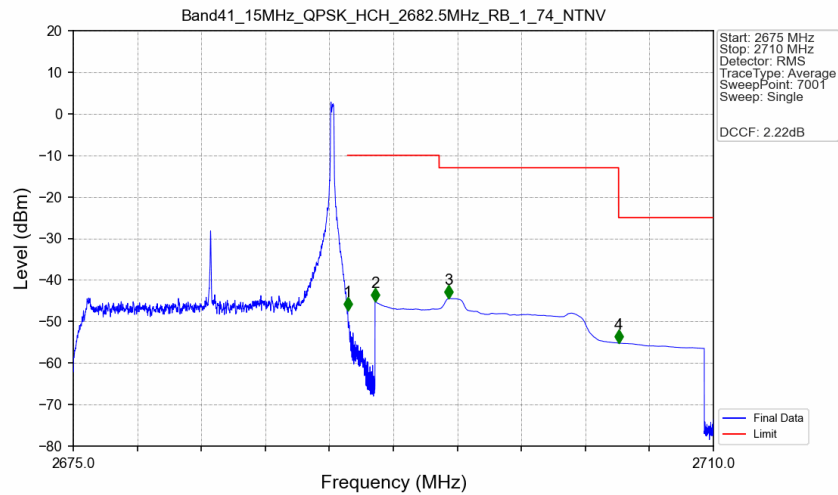
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

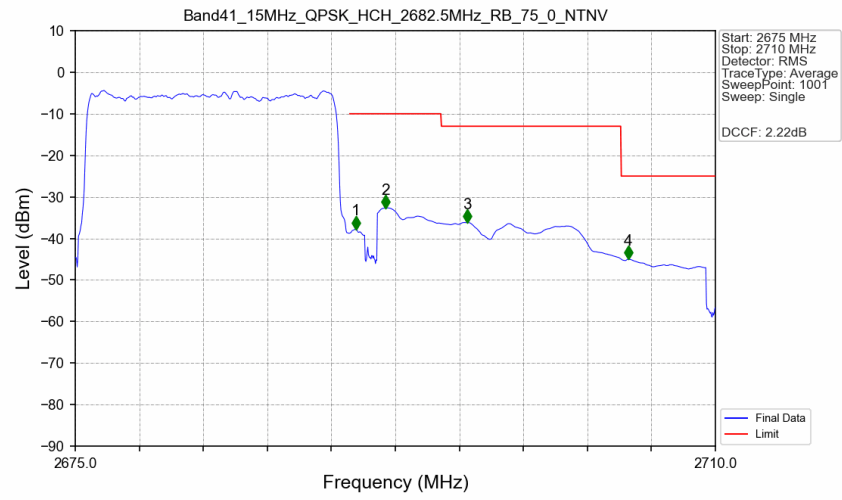


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



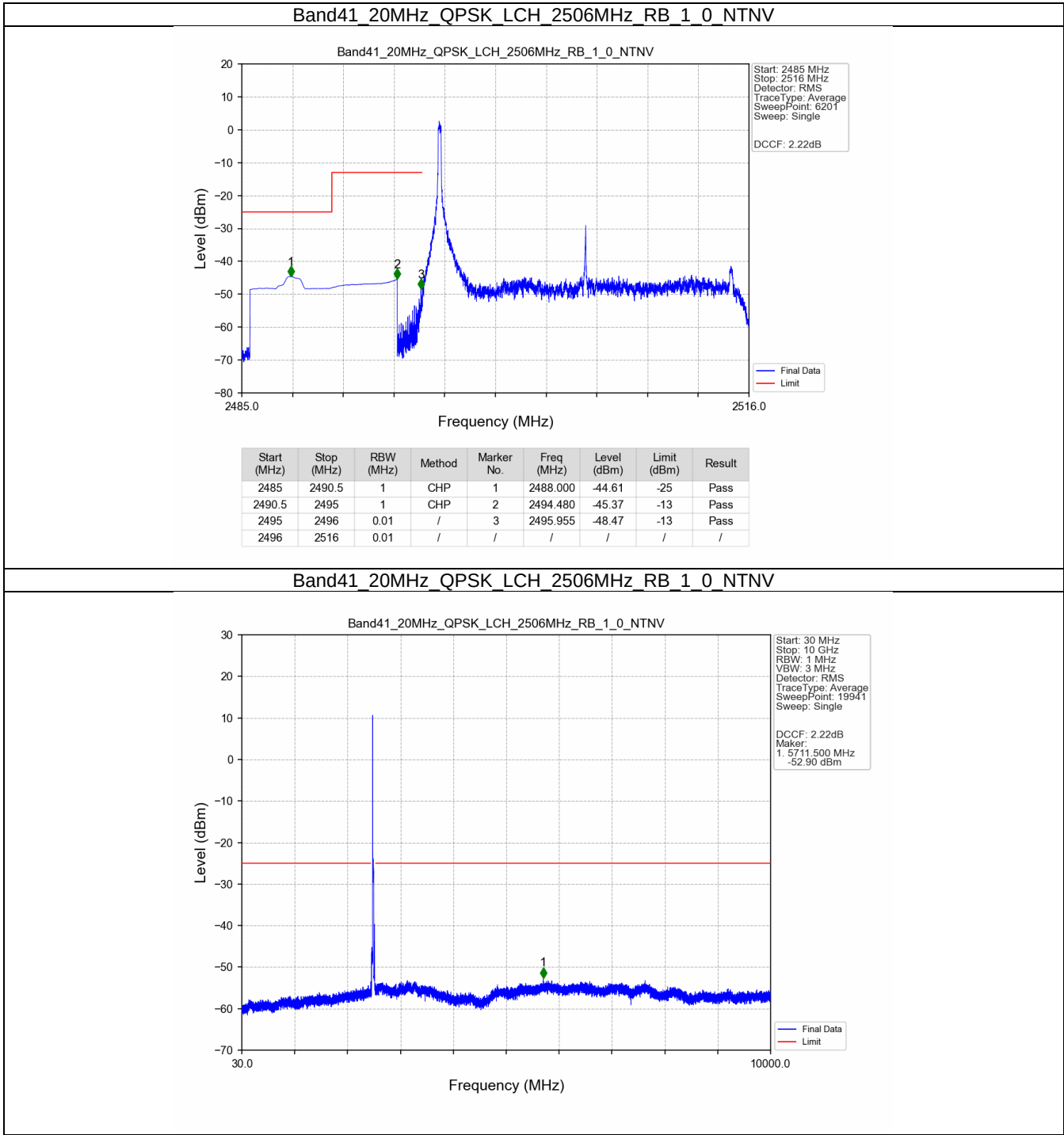
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-47.27	-10	Pass
2691	2695	1	CHP	2	2691.500	-45.12	-10	Pass
2695	2704.817	1	CHP	3	2695.540	-44.44	-13	Pass
2704.817	2710	1	CHP	4	2704.820	-55.20	-25	Pass

Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV

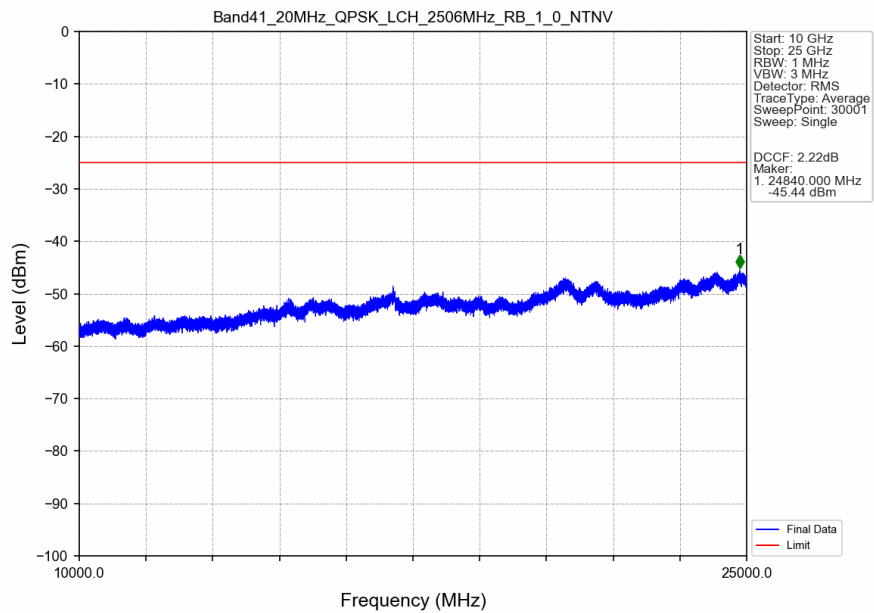


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.296	CHP	/	/	/	/	/
2690	2691	0.296	CHP	1	2690.330	-37.76	-10	Pass
2691	2695	1	CHP	2	2691.975	-32.67	-10	Pass
2695	2704.823	1	CHP	3	2696.420	-36.15	-13	Pass
2704.823	2710	1	CHP	4	2705.240	-45.00	-25	Pass

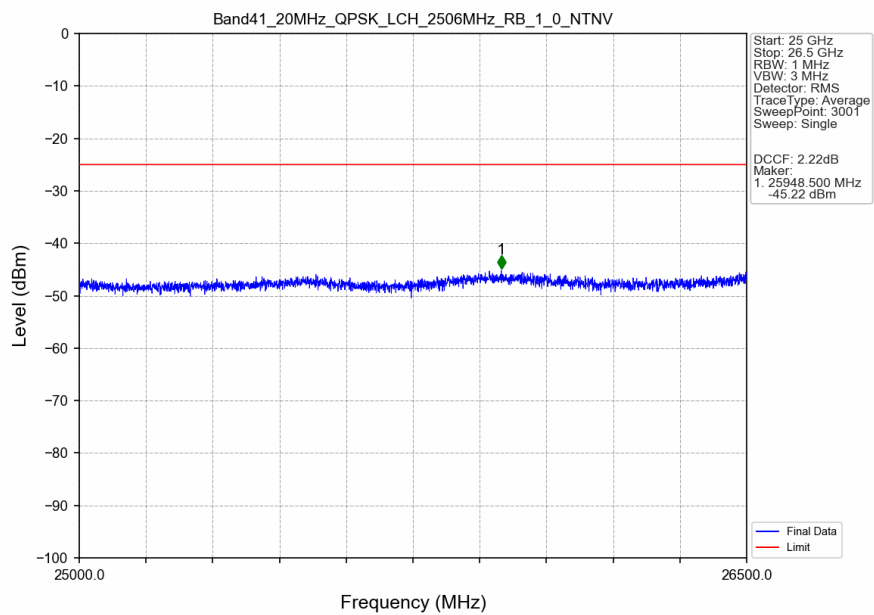
5.2.4 B41_20MHz



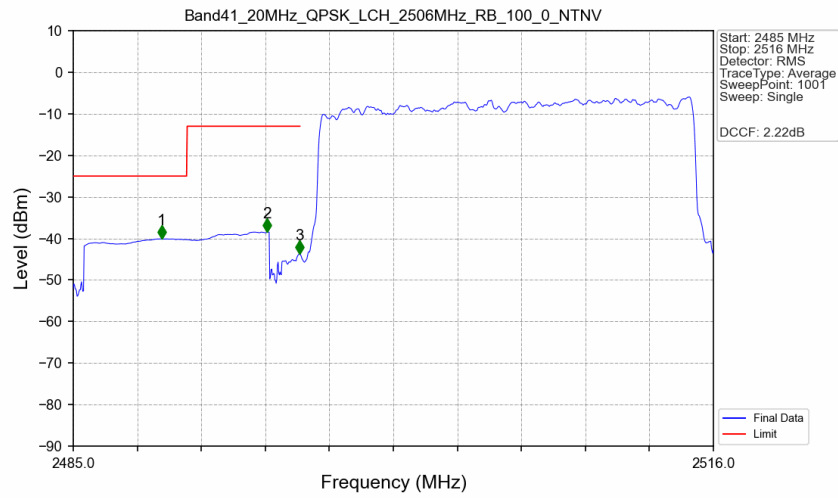
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

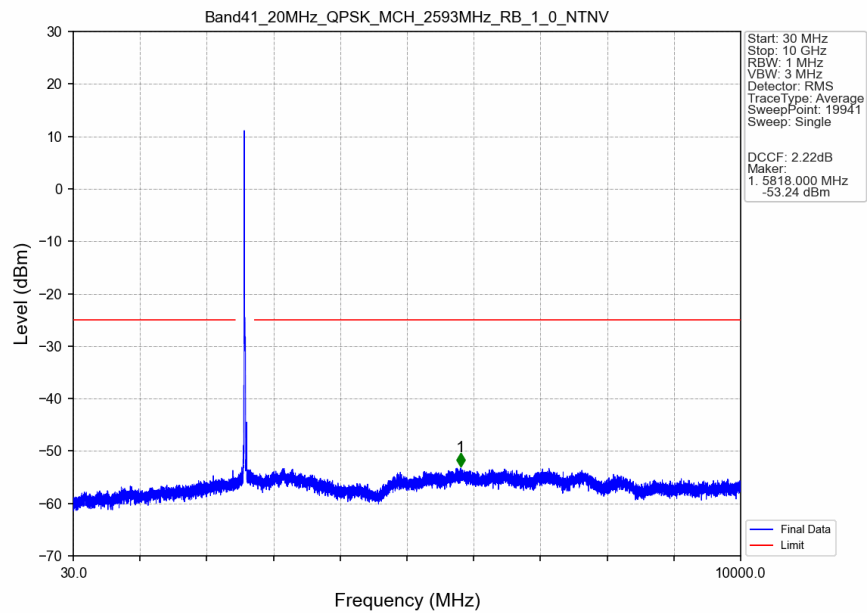


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

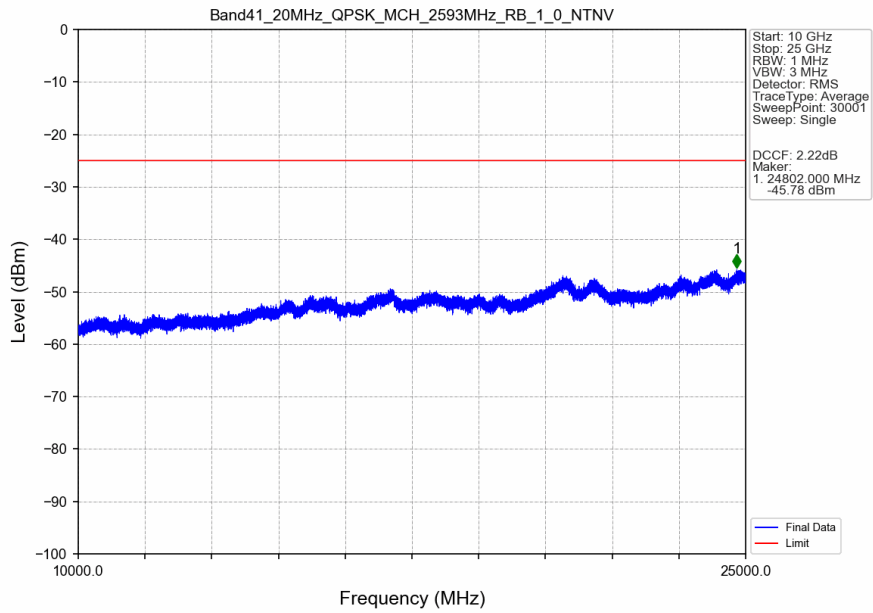


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.278	-40.09	-25	Pass
2490.5	2495	1	CHP	2	2494.393	-13.45	-13	Pass
2495	2496	0.197	CHP	3	2495.943	-43.74	-13	Pass
2496	2516	0.197	CHP	/	/	/	/	/

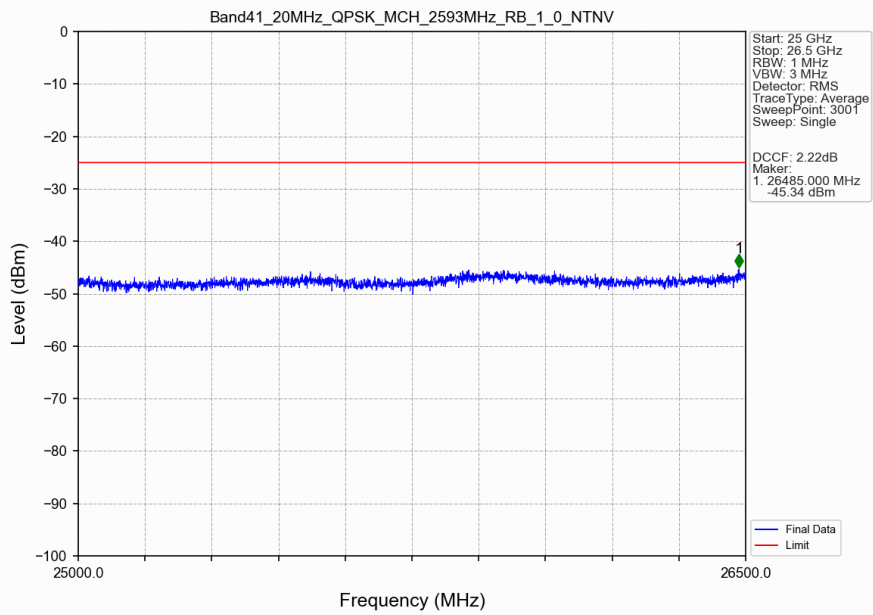
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



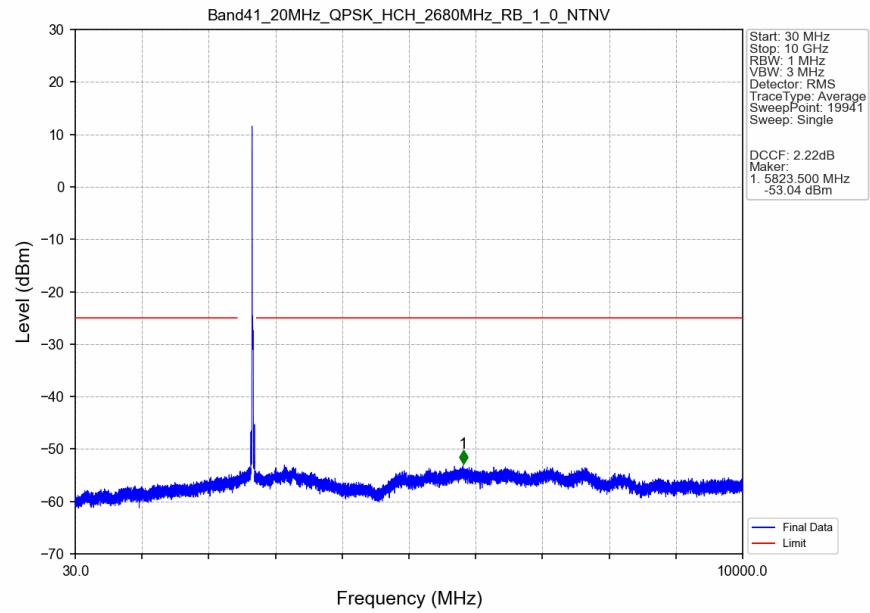
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



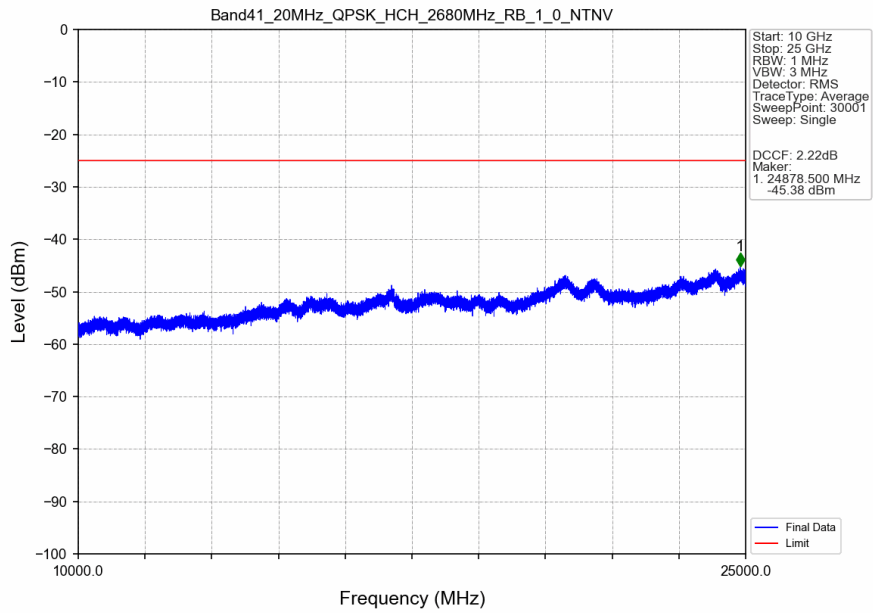
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



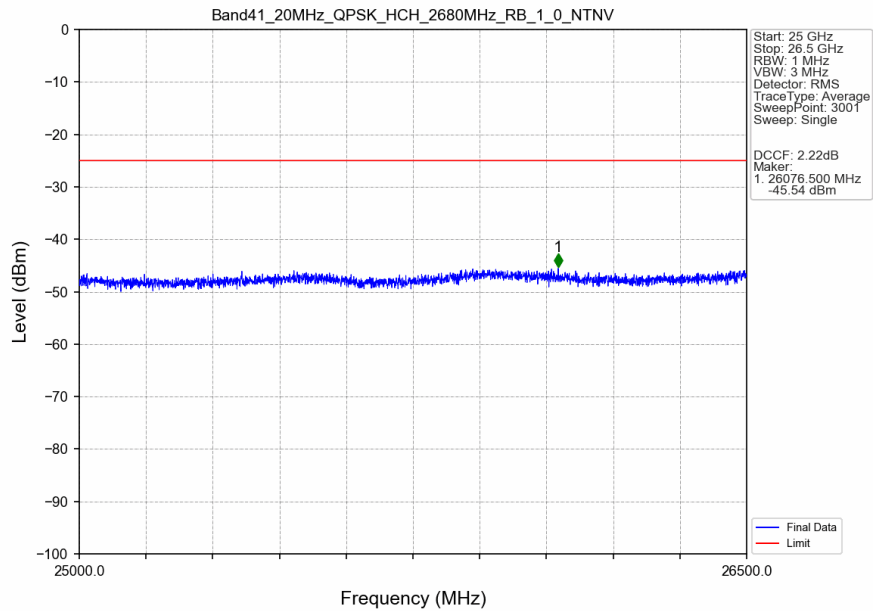
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



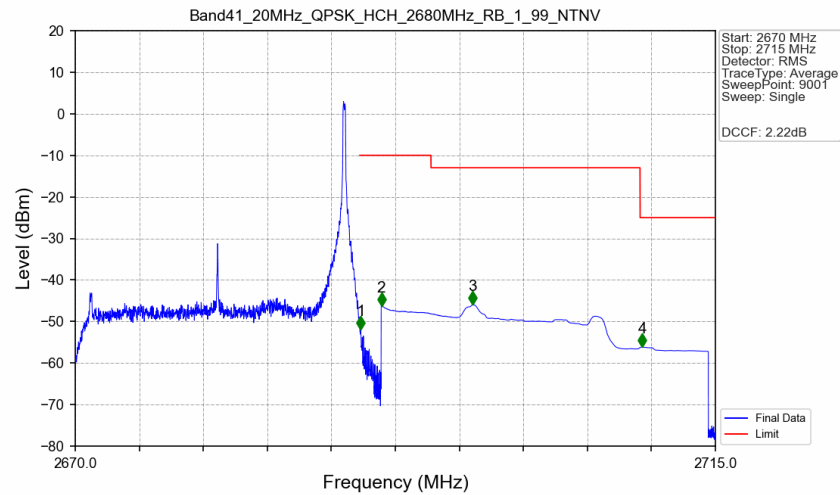
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



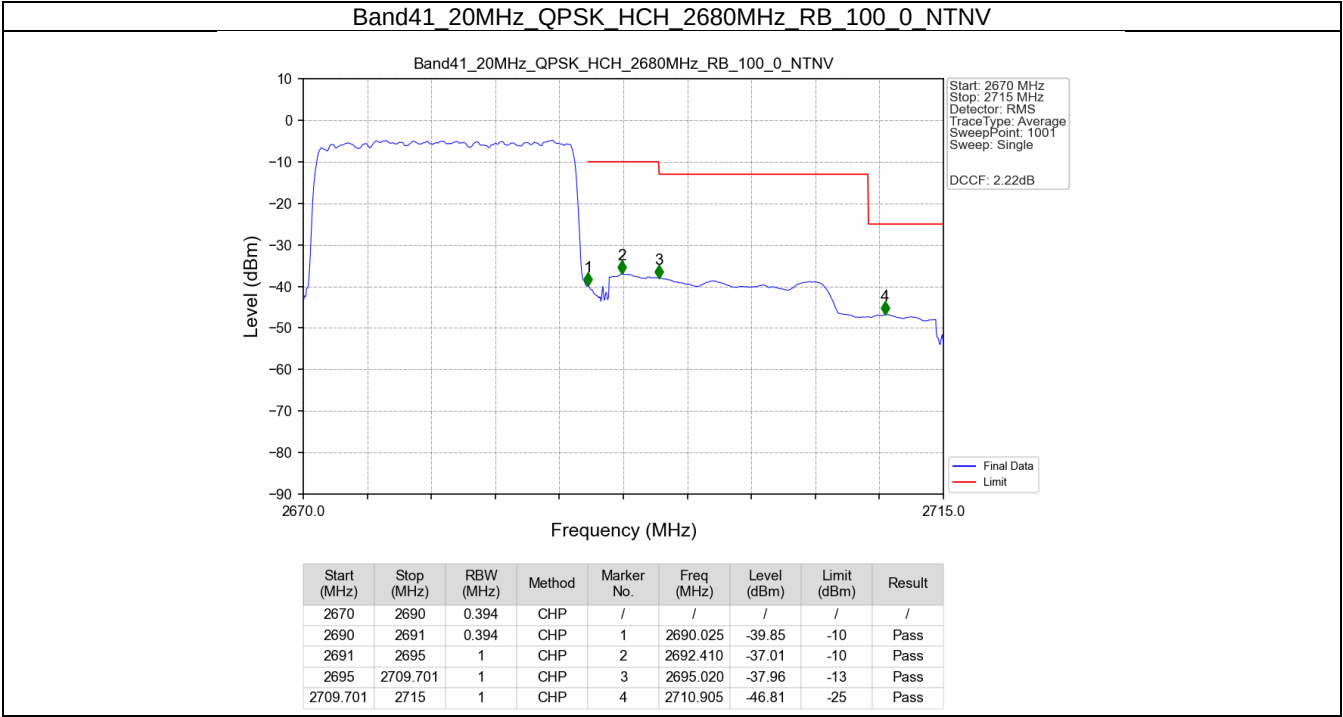
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.070	-51.84	-10	Pass
2691	2695	1	CHP	2	2691.520	-46.20	-10	Pass
2695	2709.701	1	CHP	3	2697.940	-45.95	-13	Pass
2709.701	2715	1	CHP	4	2709.850	-56.17	-25	Pass



- End of the Appendix -