

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	23.21	-3.20	20.01	<=33.01	Pass
			13	23.20	-3.20	20.00	<=33.01	Pass
			24	23.10	-3.20	19.90	<=33.01	Pass
		12	0	22.19	-3.20	18.99	<=33.01	Pass
			6	22.29	-3.20	19.09	<=33.01	Pass
			13	22.24	-3.20	19.04	<=33.01	Pass
		25	0	22.20	-3.20	19.00	<=33.01	Pass
	2593	1	0	23.55	-3.20	20.35	<=33.01	Pass
			13	23.69	-3.20	20.49	<=33.01	Pass
			24	23.58	-3.20	20.38	<=33.01	Pass
		12	0	22.54	-3.20	19.34	<=33.01	Pass
			6	22.56	-3.20	19.36	<=33.01	Pass
			13	22.54	-3.20	19.34	<=33.01	Pass
		25	0	22.56	-3.20	19.36	<=33.01	Pass
	2687.5	1	0	23.65	-3.20	20.45	<=33.01	Pass
			13	23.83	-3.20	20.63	<=33.01	Pass
			24	23.65	-3.20	20.45	<=33.01	Pass
		12	0	22.67	-3.20	19.47	<=33.01	Pass
			6	22.72	-3.20	19.52	<=33.01	Pass
			13	22.67	-3.20	19.47	<=33.01	Pass
		25	0	22.66	-3.20	19.46	<=33.01	Pass
16QAM	2498.5	1	0	22.25	-3.20	19.05	<=33.01	Pass
			13	22.30	-3.20	19.10	<=33.01	Pass
			24	22.14	-3.20	18.94	<=33.01	Pass
		12	0	21.19	-3.20	17.99	<=33.01	Pass
			6	21.17	-3.20	17.97	<=33.01	Pass
			13	21.20	-3.20	18.00	<=33.01	Pass
		25	0	21.19	-3.20	17.99	<=33.01	Pass
	2593	1	0	22.52	-3.20	19.32	<=33.01	Pass
			13	22.90	-3.20	19.70	<=33.01	Pass
			24	22.76	-3.20	19.56	<=33.01	Pass
		12	0	21.51	-3.20	18.31	<=33.01	Pass
			6	21.56	-3.20	18.36	<=33.01	Pass
			13	21.49	-3.20	18.29	<=33.01	Pass
		25	0	21.53	-3.20	18.33	<=33.01	Pass
	2687.5	1	0	22.86	-3.20	19.66	<=33.01	Pass
			13	22.75	-3.20	19.55	<=33.01	Pass
			24	22.33	-3.20	19.13	<=33.01	Pass
		12	0	21.63	-3.20	18.43	<=33.01	Pass
			6	21.66	-3.20	18.46	<=33.01	Pass
			13	21.57	-3.20	18.37	<=33.01	Pass
		25	0	21.65	-3.20	18.45	<=33.01	Pass
64QAM	2498.5	1	0	21.38	-3.20	18.18	<=33.01	Pass
			13	20.96	-3.20	17.76	<=33.01	Pass
			24	21.35	-3.20	18.15	<=33.01	Pass
		12	0	20.26	-3.20	17.06	<=33.01	Pass
			6	20.32	-3.20	17.12	<=33.01	Pass
			13	20.17	-3.20	16.97	<=33.01	Pass
		25	0	20.25	-3.20	17.05	<=33.01	Pass

	2593	1	0	21.42	-3.20	18.22	<=33.01	Pass
			13	21.37	-3.20	18.17	<=33.01	Pass
			24	21.91	-3.20	18.71	<=33.01	Pass
		12	0	20.51	-3.20	17.31	<=33.01	Pass
			6	20.47	-3.20	17.27	<=33.01	Pass
			13	20.44	-3.20	17.24	<=33.01	Pass
		25	0	20.46	-3.20	17.26	<=33.01	Pass
	2687.5	1	0	21.53	-3.20	18.33	<=33.01	Pass
			13	21.87	-3.20	18.67	<=33.01	Pass
			24	21.69	-3.20	18.49	<=33.01	Pass
		12	0	20.61	-3.20	17.41	<=33.01	Pass
			6	20.69	-3.20	17.49	<=33.01	Pass
			13	20.63	-3.20	17.43	<=33.01	Pass
		25	0	20.83	-3.20	17.63	<=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	23.30	-3.20	20.10	<=33.01	Pass
			25	23.30	-3.20	20.10	<=33.01	Pass
			49	23.10	-3.20	19.90	<=33.01	Pass
		25	0	22.18	-3.20	18.98	<=33.01	Pass
			13	22.27	-3.20	19.07	<=33.01	Pass
			25	22.22	-3.20	19.02	<=33.01	Pass
		50	0	22.18	-3.20	18.98	<=33.01	Pass
	2593	1	0	23.59	-3.20	20.39	<=33.01	Pass
			25	23.71	-3.20	20.51	<=33.01	Pass
			49	23.65	-3.20	20.45	<=33.01	Pass
		25	0	22.57	-3.20	19.37	<=33.01	Pass
			13	22.59	-3.20	19.39	<=33.01	Pass
			25	22.59	-3.20	19.39	<=33.01	Pass
		50	0	22.55	-3.20	19.35	<=33.01	Pass
	2685	1	0	23.81	-3.20	20.61	<=33.01	Pass
			25	23.79	-3.20	20.59	<=33.01	Pass
			49	23.80	-3.20	20.60	<=33.01	Pass
		25	0	22.76	-3.20	19.56	<=33.01	Pass
			13	22.75	-3.20	19.55	<=33.01	Pass
			25	22.73	-3.20	19.53	<=33.01	Pass
		50	0	22.72	-3.20	19.52	<=33.01	Pass
16QAM	2501	1	0	22.41	-3.20	19.21	<=33.01	Pass
			25	22.37	-3.20	19.17	<=33.01	Pass
			49	22.25	-3.20	19.05	<=33.01	Pass
		25	0	21.25	-3.20	18.05	<=33.01	Pass
			13	21.33	-3.20	18.13	<=33.01	Pass
			25	21.29	-3.20	18.09	<=33.01	Pass
		50	0	21.19	-3.20	17.99	<=33.01	Pass
	2593	1	0	22.46	-3.20	19.26	<=33.01	Pass
			25	22.54	-3.20	19.34	<=33.01	Pass
			49	22.56	-3.20	19.36	<=33.01	Pass
		25	0	21.58	-3.20	18.38	<=33.01	Pass
			13	21.61	-3.20	18.41	<=33.01	Pass
			25	21.62	-3.20	18.42	<=33.01	Pass
		50	0	21.54	-3.20	18.34	<=33.01	Pass
	2685	1	0	22.68	-3.20	19.48	<=33.01	Pass

			25	22.48	-3.20	19.28	<=33.01	Pass
			49	22.34	-3.20	19.14	<=33.01	Pass
64QAM	2501	25	0	21.72	-3.20	18.52	<=33.01	Pass
			13	21.72	-3.20	18.52	<=33.01	Pass
			25	21.67	-3.20	18.47	<=33.01	Pass
			0	21.71	-3.20	18.51	<=33.01	Pass
			0	20.86	-3.20	17.66	<=33.01	Pass
		50	25	20.78	-3.20	17.58	<=33.01	Pass
			49	20.62	-3.20	17.42	<=33.01	Pass
			0	20.14	-3.20	16.94	<=33.01	Pass
			13	20.25	-3.20	17.05	<=33.01	Pass
			25	20.21	-3.20	17.01	<=33.01	Pass
	2593	1	0	20.17	-3.20	16.97	<=33.01	Pass
			0	21.33	-3.20	18.13	<=33.01	Pass
			25	21.82	-3.20	18.62	<=33.01	Pass
			49	21.72	-3.20	18.52	<=33.01	Pass
			0	20.57	-3.20	17.37	<=33.01	Pass
		25	13	20.72	-3.20	17.52	<=33.01	Pass
			25	20.58	-3.20	17.38	<=33.01	Pass
			0	20.53	-3.20	17.33	<=33.01	Pass
		50	0	21.85	-3.20	18.65	<=33.01	Pass
			25	21.44	-3.20	18.24	<=33.01	Pass
			49	21.21	-3.20	18.01	<=33.01	Pass
	2685	1	0	20.77	-3.20	17.57	<=33.01	Pass
			13	20.74	-3.20	17.54	<=33.01	Pass
			25	20.81	-3.20	17.61	<=33.01	Pass
		25	0	20.79	-3.20	17.59	<=33.01	Pass
			0					
			0					
			0					

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	23.30	-3.20	20.10	<=33.01	Pass
			38	23.28	-3.20	20.08	<=33.01	Pass
			74	22.95	-3.20	19.75	<=33.01	Pass
		36	0	22.21	-3.20	19.01	<=33.01	Pass
			18	22.19	-3.20	18.99	<=33.01	Pass
			39	22.13	-3.20	18.93	<=33.01	Pass
		75	0	22.17	-3.20	18.97	<=33.01	Pass
	2593	1	0	23.53	-3.20	20.33	<=33.01	Pass
			38	23.69	-3.20	20.49	<=33.01	Pass
			74	23.70	-3.20	20.50	<=33.01	Pass
		36	0	22.54	-3.20	19.34	<=33.01	Pass
			18	22.63	-3.20	19.43	<=33.01	Pass
			39	22.60	-3.20	19.40	<=33.01	Pass
		75	0	22.58	-3.20	19.38	<=33.01	Pass
	2682.5	1	0	23.93	-3.20	20.73	<=33.01	Pass
			38	23.84	-3.20	20.64	<=33.01	Pass
			74	23.70	-3.20	20.50	<=33.01	Pass
		36	0	22.85	-3.20	19.65	<=33.01	Pass
			18	22.86	-3.20	19.66	<=33.01	Pass
			39	22.80	-3.20	19.60	<=33.01	Pass
		75	0	22.86	-3.20	19.66	<=33.01	Pass
16QAM	2503.5	1	0	22.30	-3.20	19.10	<=33.01	Pass
			38	22.17	-3.20	18.97	<=33.01	Pass

		36	74	22.08	-3.20	18.88	<=33.01	Pass	
			0	21.18	-3.20	17.98	<=33.01	Pass	
			18	21.22	-3.20	18.02	<=33.01	Pass	
			39	21.04	-3.20	17.84	<=33.01	Pass	
		75	0	21.18	-3.20	17.98	<=33.01	Pass	
	2593	1	0	22.25	-3.20	19.05	<=33.01	Pass	
			38	22.44	-3.20	19.24	<=33.01	Pass	
			74	22.40	-3.20	19.20	<=33.01	Pass	
		36	0	21.50	-3.20	18.30	<=33.01	Pass	
			18	21.54	-3.20	18.34	<=33.01	Pass	
			39	21.51	-3.20	18.31	<=33.01	Pass	
		75	0	21.53	-3.20	18.33	<=33.01	Pass	
		2682.5	1	0	22.68	-3.20	19.48	<=33.01	Pass
	38			22.87	-3.20	19.67	<=33.01	Pass	
	74			22.36	-3.20	19.16	<=33.01	Pass	
	36		0	21.78	-3.20	18.58	<=33.01	Pass	
			18	21.78	-3.20	18.58	<=33.01	Pass	
			39	21.70	-3.20	18.50	<=33.01	Pass	
	75		0	21.78	-3.20	18.58	<=33.01	Pass	
	64QAM	2503.5	1	0	21.39	-3.20	18.19	<=33.01	Pass
				38	21.39	-3.20	18.19	<=33.01	Pass
				74	21.08	-3.20	17.88	<=33.01	Pass
			36	0	20.24	-3.20	17.04	<=33.01	Pass
				18	20.16	-3.20	16.96	<=33.01	Pass
				39	20.19	-3.20	16.99	<=33.01	Pass
75			0	20.10	-3.20	16.90	<=33.01	Pass	
2593		1	0	21.63	-3.20	18.43	<=33.01	Pass	
			38	21.81	-3.20	18.61	<=33.01	Pass	
			74	21.97	-3.20	18.77	<=33.01	Pass	
		36	0	20.48	-3.20	17.28	<=33.01	Pass	
			18	20.60	-3.20	17.40	<=33.01	Pass	
			39	20.58	-3.20	17.38	<=33.01	Pass	
75		0	20.54	-3.20	17.34	<=33.01	Pass		
2682.5		1	0	21.66	-3.20	18.46	<=33.01	Pass	
			38	21.43	-3.20	18.23	<=33.01	Pass	
			74	21.50	-3.20	18.30	<=33.01	Pass	
		36	0	20.83	-3.20	17.63	<=33.01	Pass	
			18	20.88	-3.20	17.68	<=33.01	Pass	
			39	20.73	-3.20	17.53	<=33.01	Pass	
		75	0	20.84	-3.20	17.64	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

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	23.23	-3.20	20.03	<=33.01	Pass
			50	23.20	-3.20	20.00	<=33.01	Pass
			99	23.05	-3.20	19.85	<=33.01	Pass
		50	0	22.05	-3.20	18.85	<=33.01	Pass
			25	22.14	-3.20	18.94	<=33.01	Pass
			50	22.08	-3.20	18.88	<=33.01	Pass
		100	0	22.05	-3.20	18.85	<=33.01	Pass
			0	22.05	-3.20	18.85	<=33.01	Pass
	2593	1	0	23.39	-3.20	20.19	<=33.01	Pass
			50	23.71	-3.20	20.51	<=33.01	Pass
			99	23.60	-3.20	20.40	<=33.01	Pass

		50	0	22.53	-3.20	19.33	<=33.01	Pass
			25	22.62	-3.20	19.42	<=33.01	Pass
			50	22.55	-3.20	19.35	<=33.01	Pass
		100	0	22.52	-3.20	19.32	<=33.01	Pass
	2680	1	0	23.96	-3.20	20.76	<=33.01	Pass
			50	23.87	-3.20	20.67	<=33.01	Pass
			99	23.62	-3.20	20.42	<=33.01	Pass
		50	0	22.80	-3.20	19.60	<=33.01	Pass
			25	22.84	-3.20	19.64	<=33.01	Pass
			50	22.71	-3.20	19.51	<=33.01	Pass
		100	0	22.78	-3.20	19.58	<=33.01	Pass
16QAM	2506	1	0	22.12	-3.20	18.92	<=33.01	Pass
			50	22.21	-3.20	19.01	<=33.01	Pass
			99	21.91	-3.20	18.71	<=33.01	Pass
		50	0	21.11	-3.20	17.91	<=33.01	Pass
			25	21.15	-3.20	17.95	<=33.01	Pass
			50	21.10	-3.20	17.90	<=33.01	Pass
		100	0	21.04	-3.20	17.84	<=33.01	Pass
	2593	1	0	22.10	-3.20	18.90	<=33.01	Pass
			50	22.46	-3.20	19.26	<=33.01	Pass
			99	22.35	-3.20	19.15	<=33.01	Pass
		50	0	21.53	-3.20	18.33	<=33.01	Pass
			25	21.55	-3.20	18.35	<=33.01	Pass
			50	21.51	-3.20	18.31	<=33.01	Pass
		100	0	21.45	-3.20	18.25	<=33.01	Pass
	2680	1	0	23.00	-3.20	19.80	<=33.01	Pass
			50	22.95	-3.20	19.75	<=33.01	Pass
			99	22.54	-3.20	19.34	<=33.01	Pass
		50	0	21.81	-3.20	18.61	<=33.01	Pass
			25	21.78	-3.20	18.58	<=33.01	Pass
			50	21.70	-3.20	18.50	<=33.01	Pass
		100	0	21.76	-3.20	18.56	<=33.01	Pass
64QAM	2506	1	0	21.08	-3.20	17.88	<=33.01	Pass
			50	21.59	-3.20	18.39	<=33.01	Pass
			99	21.24	-3.20	18.04	<=33.01	Pass
		50	0	20.10	-3.20	16.90	<=33.01	Pass
			25	20.14	-3.20	16.94	<=33.01	Pass
			50	20.14	-3.20	16.94	<=33.01	Pass
		100	0	20.07	-3.20	16.87	<=33.01	Pass
	2593	1	0	21.06	-3.20	17.86	<=33.01	Pass
			50	21.77	-3.20	18.57	<=33.01	Pass
			99	21.63	-3.20	18.43	<=33.01	Pass
		50	0	20.53	-3.20	17.33	<=33.01	Pass
			25	20.61	-3.20	17.41	<=33.01	Pass
			50	20.56	-3.20	17.36	<=33.01	Pass
		100	0	20.47	-3.20	17.27	<=33.01	Pass
	2680	1	0	21.59	-3.20	18.39	<=33.01	Pass
			50	22.01	-3.20	18.81	<=33.01	Pass
			99	21.71	-3.20	18.51	<=33.01	Pass
		50	0	20.91	-3.20	17.71	<=33.01	Pass
			25	20.89	-3.20	17.69	<=33.01	Pass
			50	20.83	-3.20	17.63	<=33.01	Pass
		100	0	20.81	-3.20	17.61	<=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	-5.646	-0.0022	-2.5 to 2.5	Pass
					NV	-0.860	-0.0003	-2.5 to 2.5	Pass
					HV	-5.785	-0.0022	-2.5 to 2.5	Pass
				-30	NV	-1.962	-0.0008	-2.5 to 2.5	Pass
				-20	NV	-4.802	-0.0019	-2.5 to 2.5	Pass
				-10	NV	-0.630	-0.0002	-2.5 to 2.5	Pass
				0	NV	-1.256	-0.0005	-2.5 to 2.5	Pass
				10	NV	1.165	0.0004	-2.5 to 2.5	Pass
				30	NV	-5.270	-0.0020	-2.5 to 2.5	Pass
				40	NV	0.214	0.0001	-2.5 to 2.5	Pass
				50	NV	-0.765	-0.0003	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

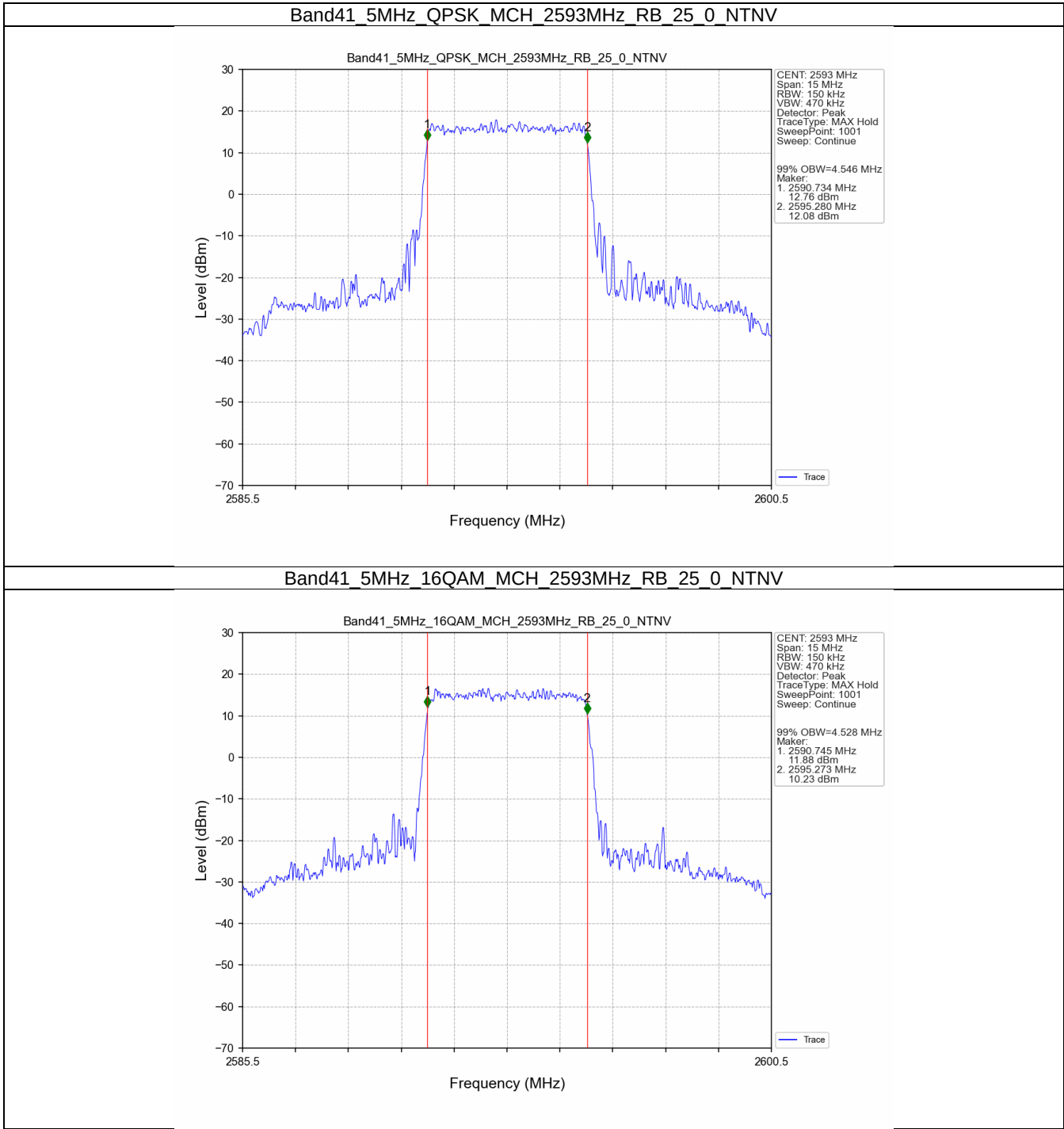
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.546	/	Pass
	16QAM	2593	25	0	4.528	/	Pass
	64QAM	2593	25	0	4.544	/	Pass
10	QPSK	2593	50	0	9.031	/	Pass
	16QAM	2593	50	0	9.058	/	Pass
	64QAM	2593	50	0	9.064	/	Pass
15	QPSK	2593	75	0	13.580	/	Pass
	16QAM	2593	75	0	13.529	/	Pass
	64QAM	2593	75	0	13.570	/	Pass
20	QPSK	2593	100	0	18.075	/	Pass
	16QAM	2593	100	0	18.006	/	Pass
	64QAM	2593	100	0	18.036	/	Pass

3.1.2 Band41_XDB

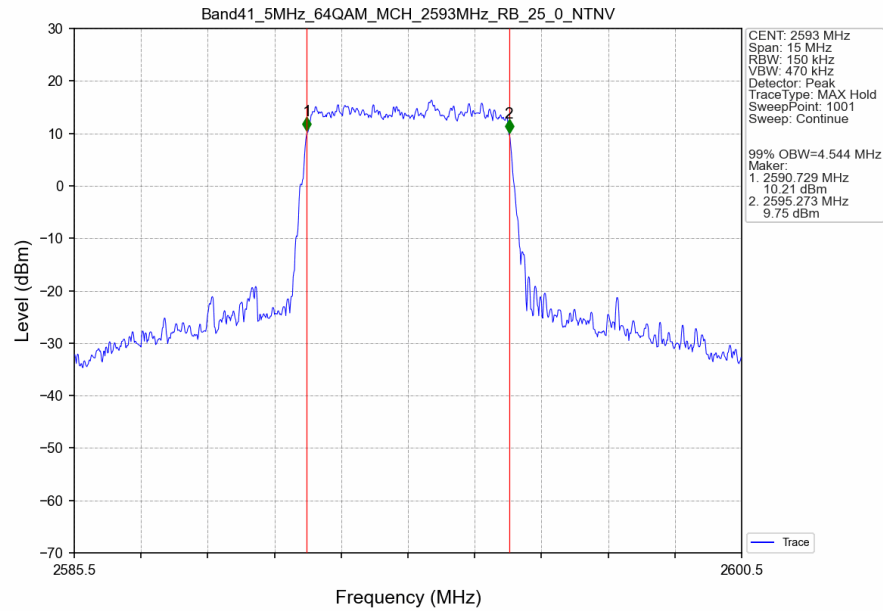
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.122	/	Pass
	16QAM	2593	25	0	5.006	/	Pass
	64QAM	2593	25	0	5.005	/	Pass
10	QPSK	2593	50	0	9.802	/	Pass
	16QAM	2593	50	0	9.880	/	Pass
	64QAM	2593	50	0	9.898	/	Pass
15	QPSK	2593	75	0	14.878	/	Pass
	16QAM	2593	75	0	15.392	/	Pass
	64QAM	2593	75	0	14.944	/	Pass
20	QPSK	2593	100	0	19.641	/	Pass
	16QAM	2593	100	0	19.583	/	Pass
	64QAM	2593	100	0	19.546	/	Pass

3.2 Test Graph

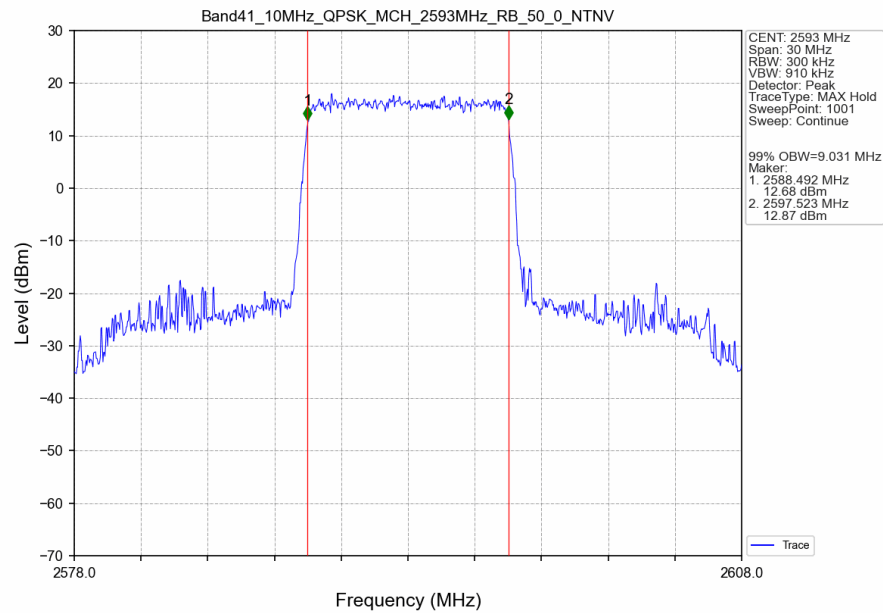
3.2.1 Band41_OBW



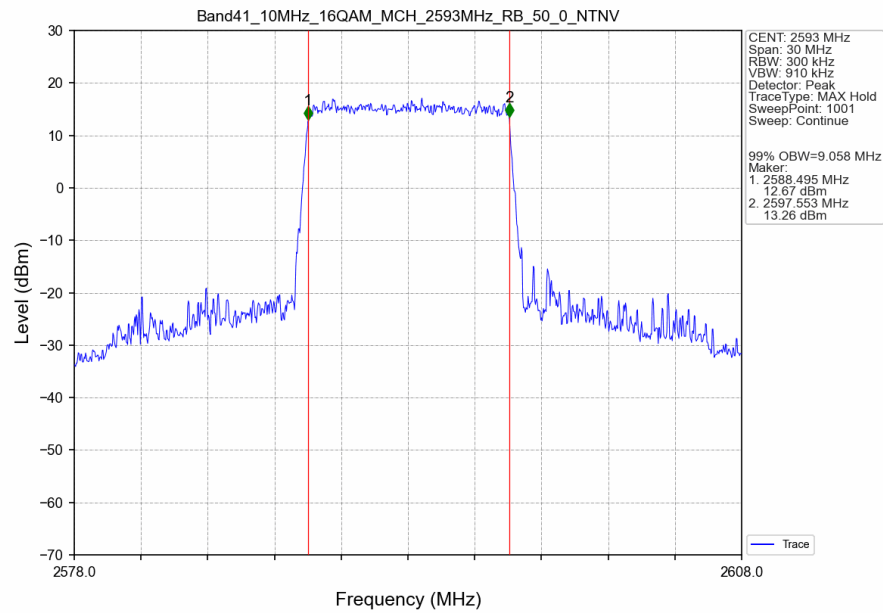
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTV



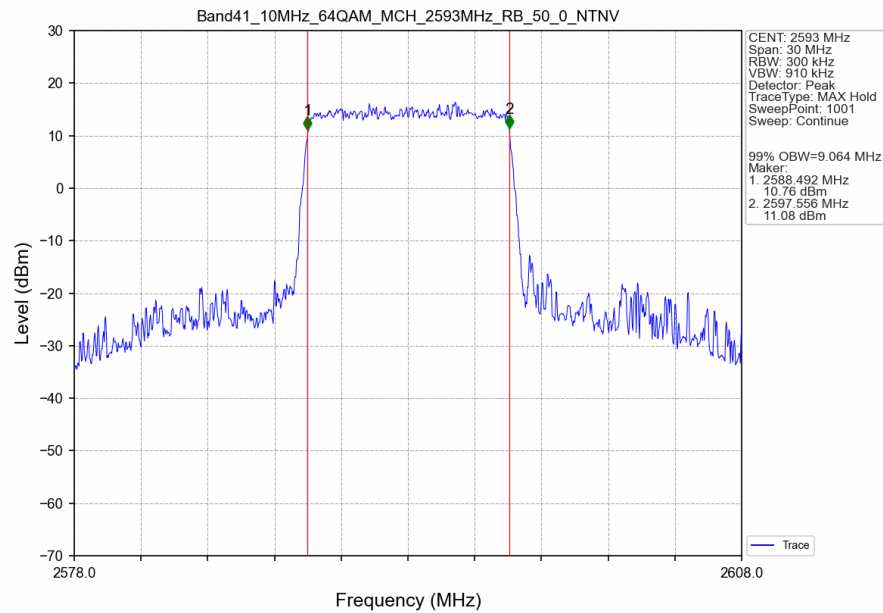
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTV



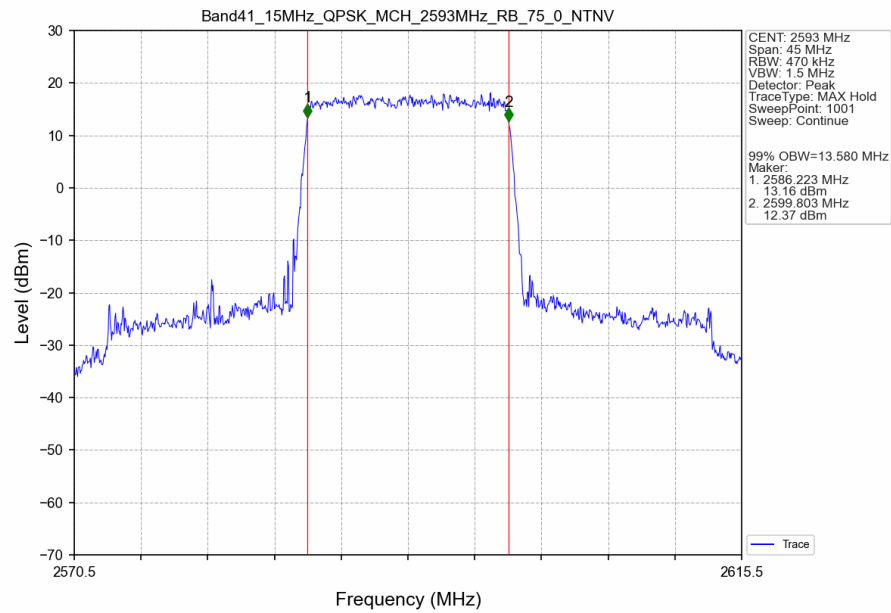
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTN



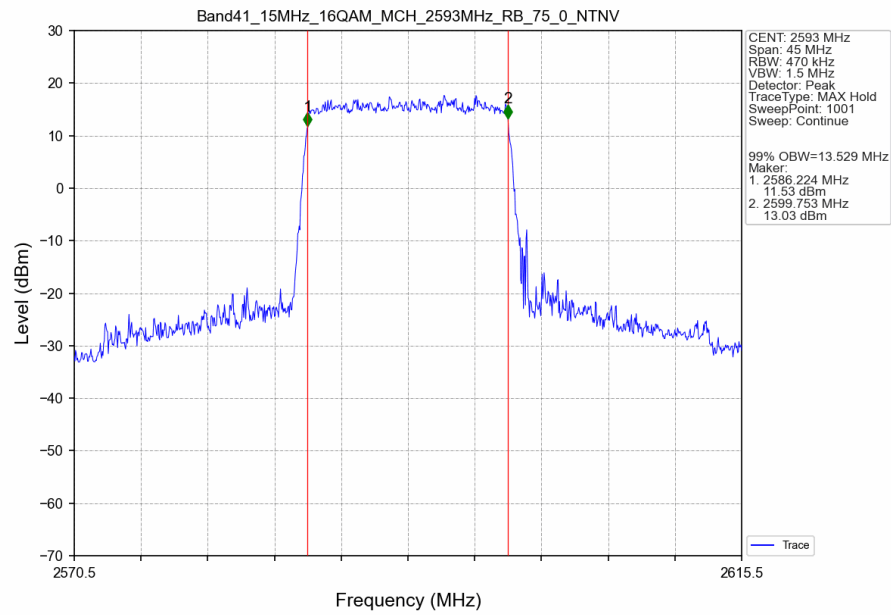
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTN



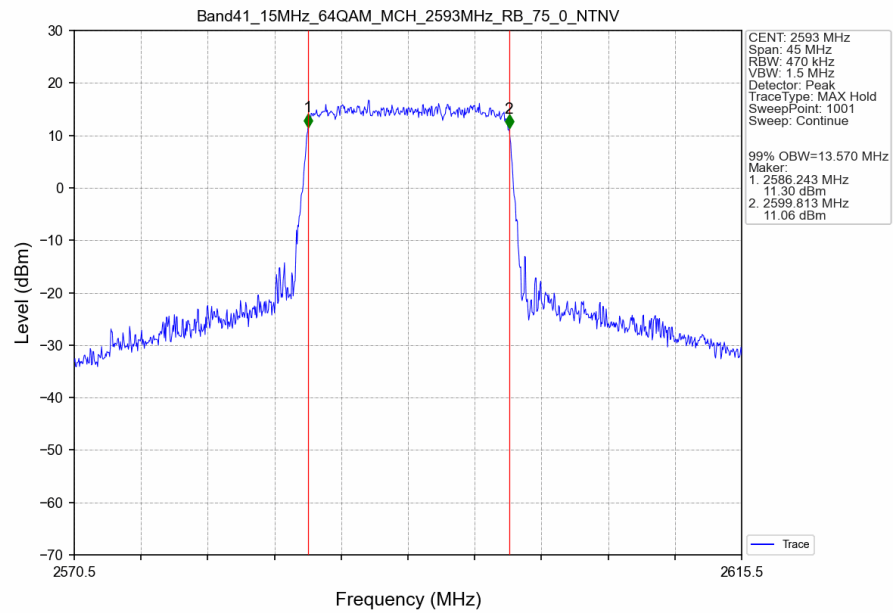
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



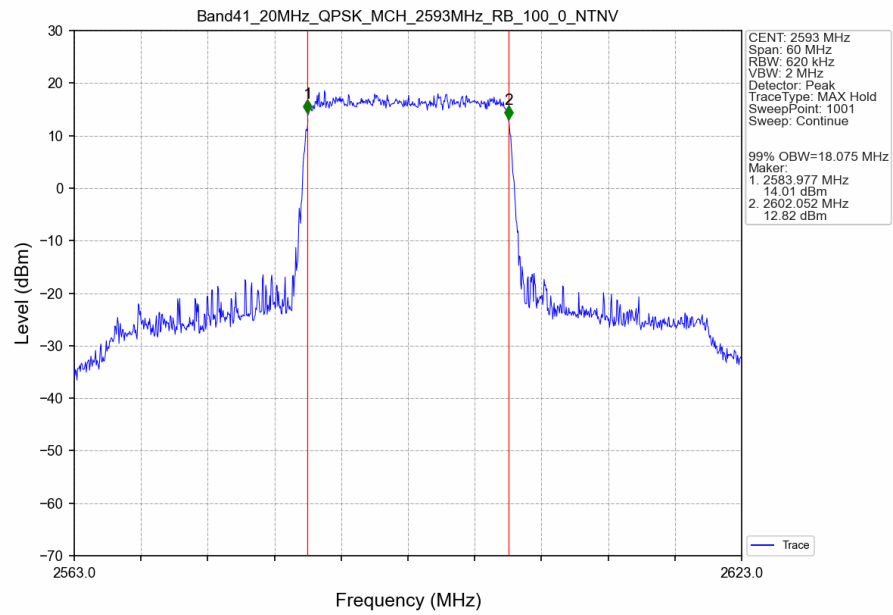
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



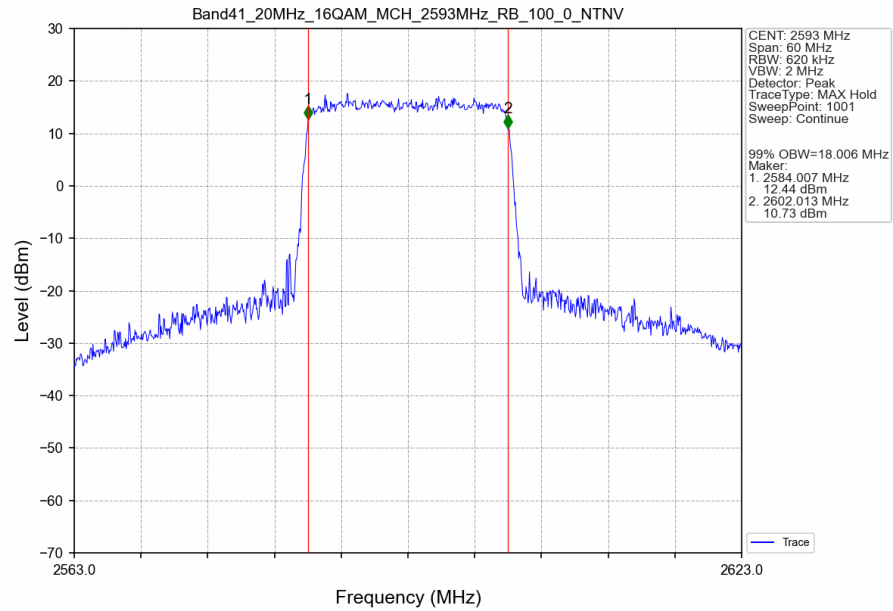
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTNV



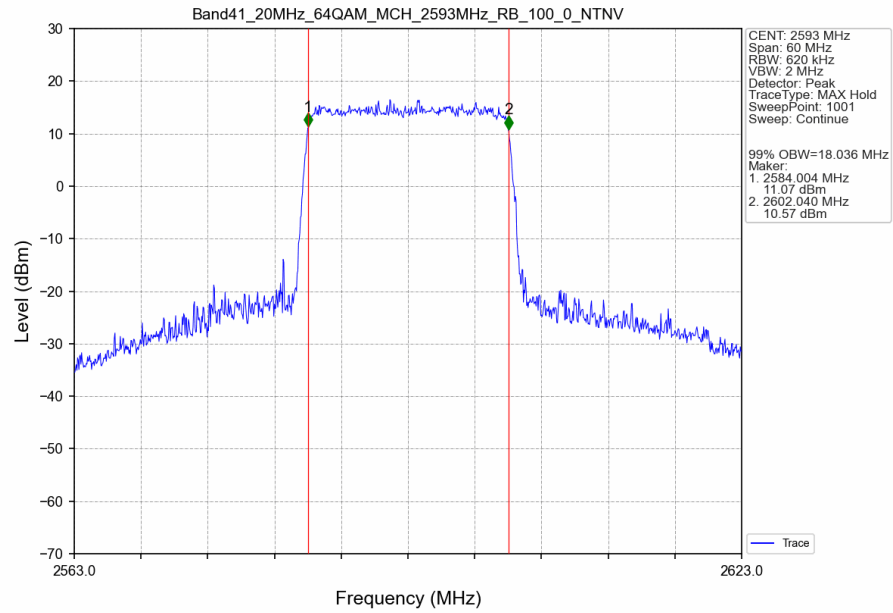
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



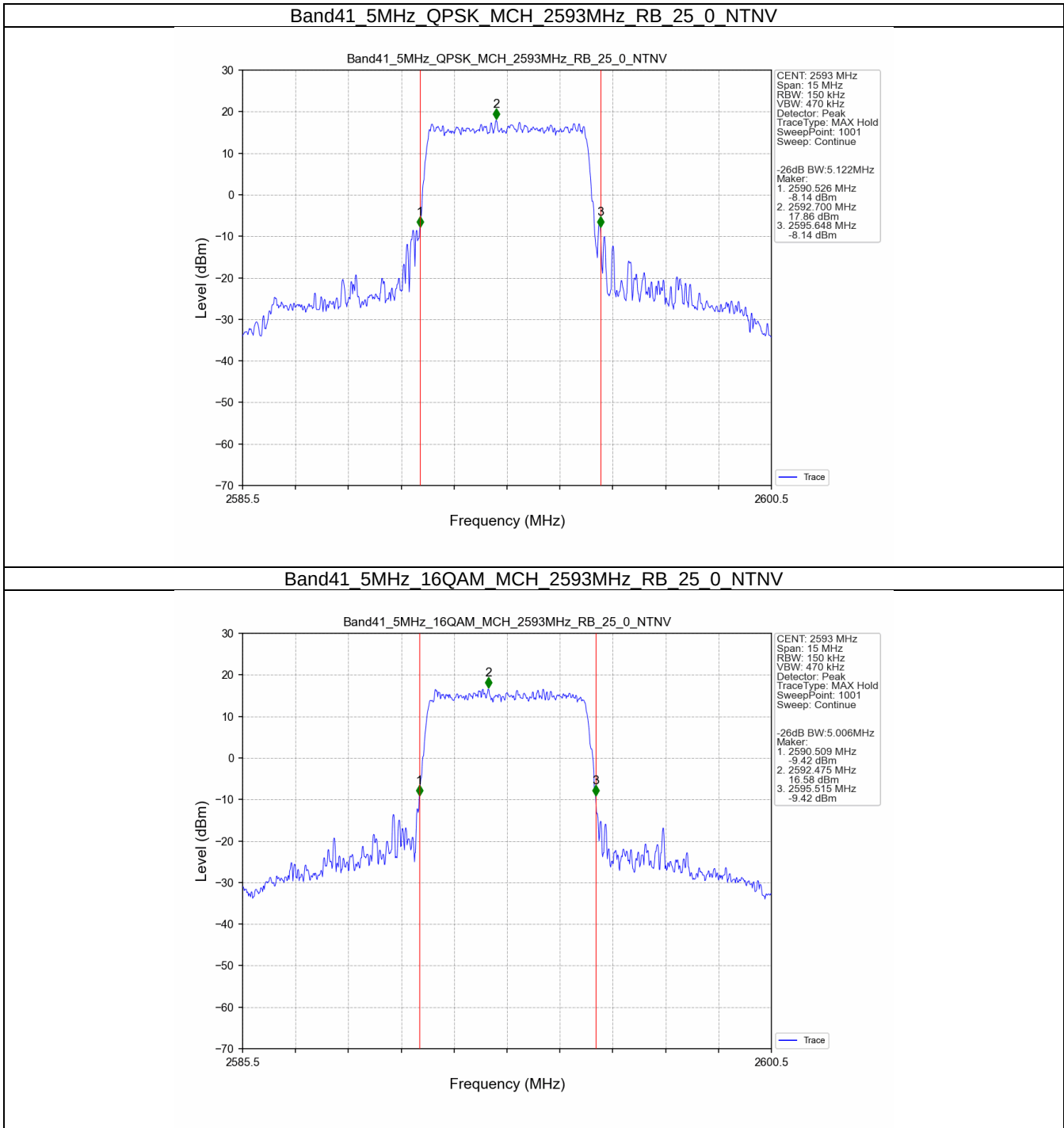
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



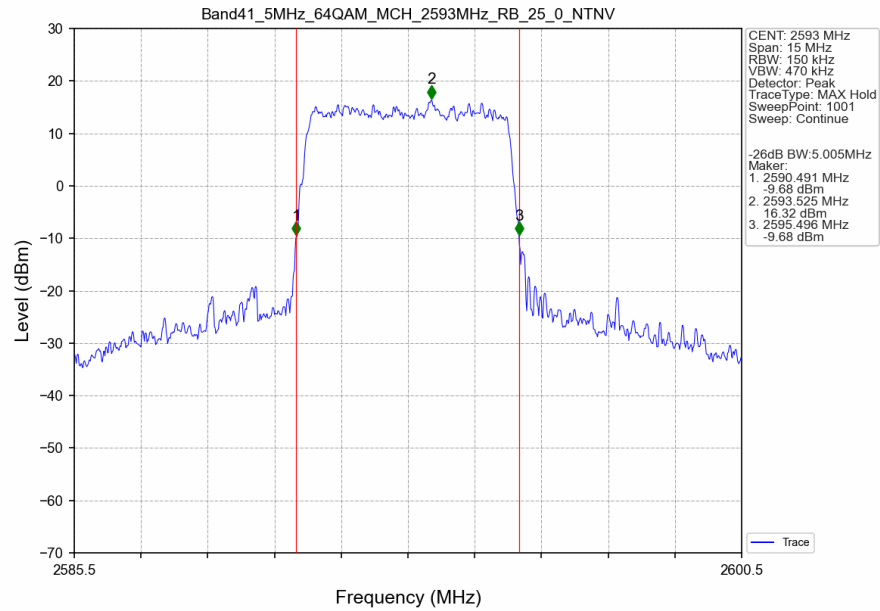
Band41 20MHz 64QAM MCH 2593MHz RB 100 0 NTNV



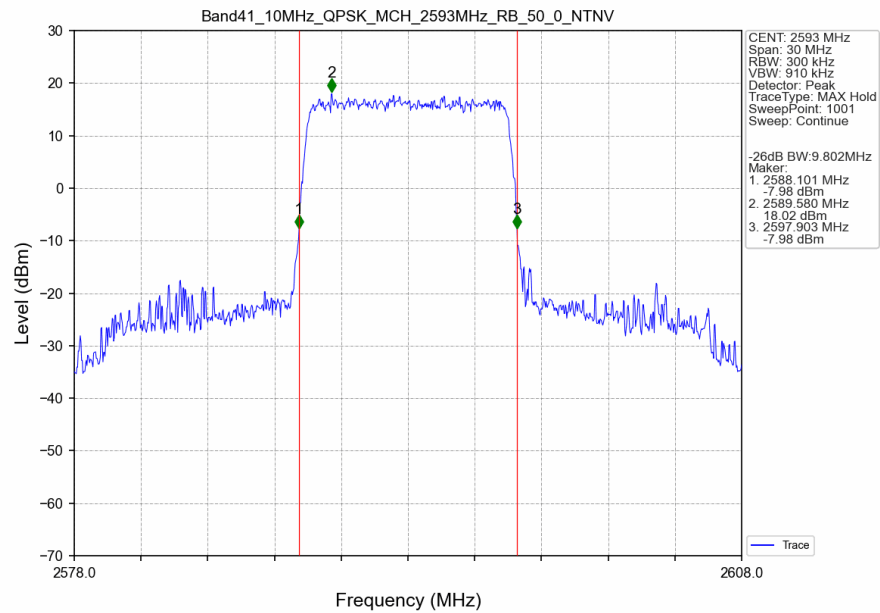
3.2.2 Band41_XDB



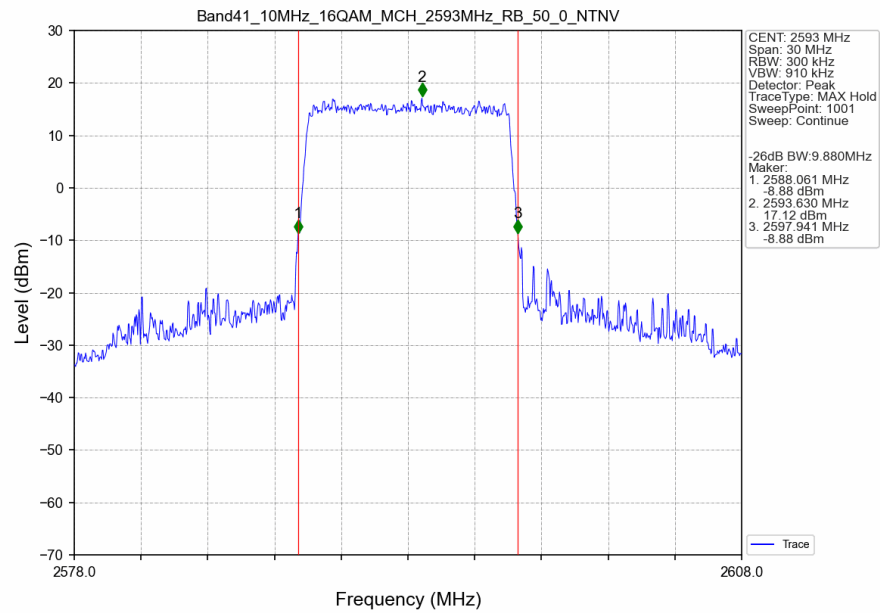
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTNV



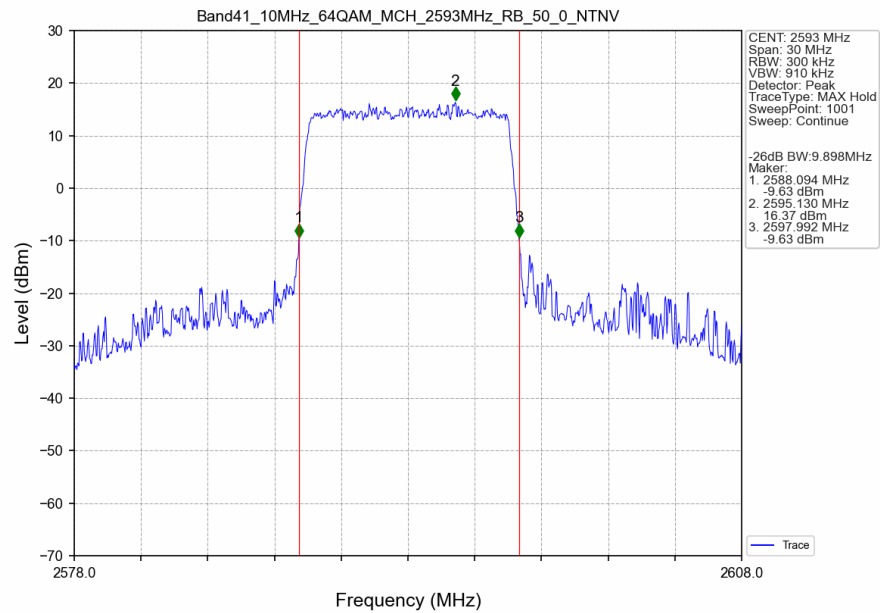
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTNV



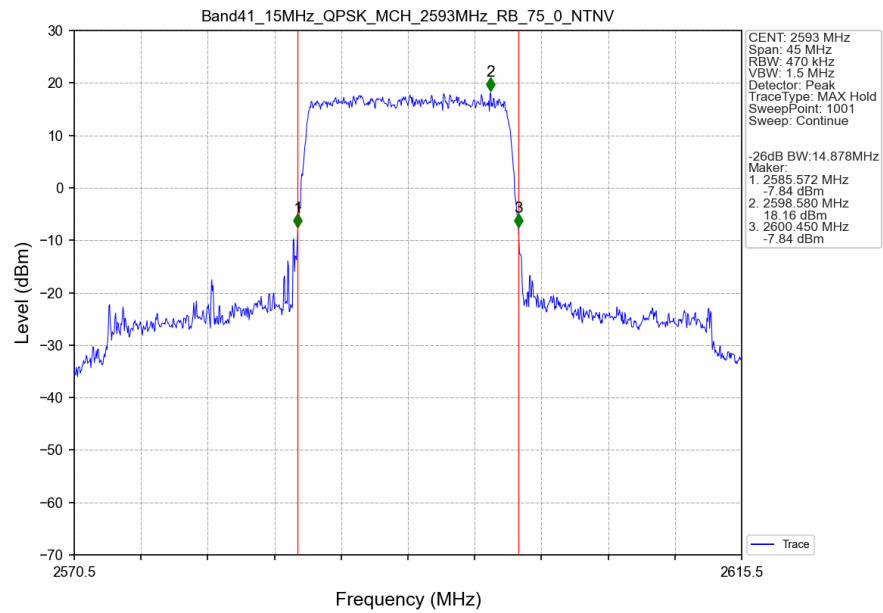
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



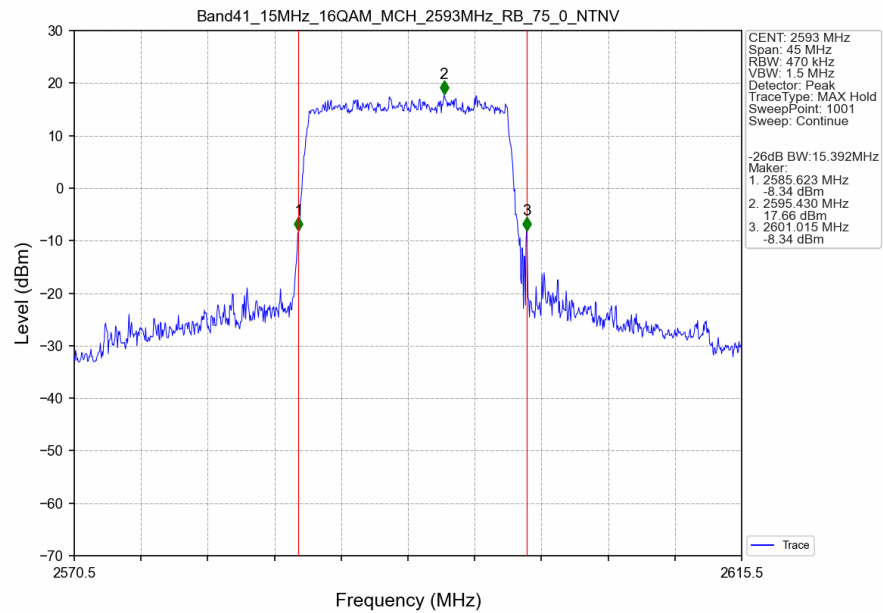
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTNV



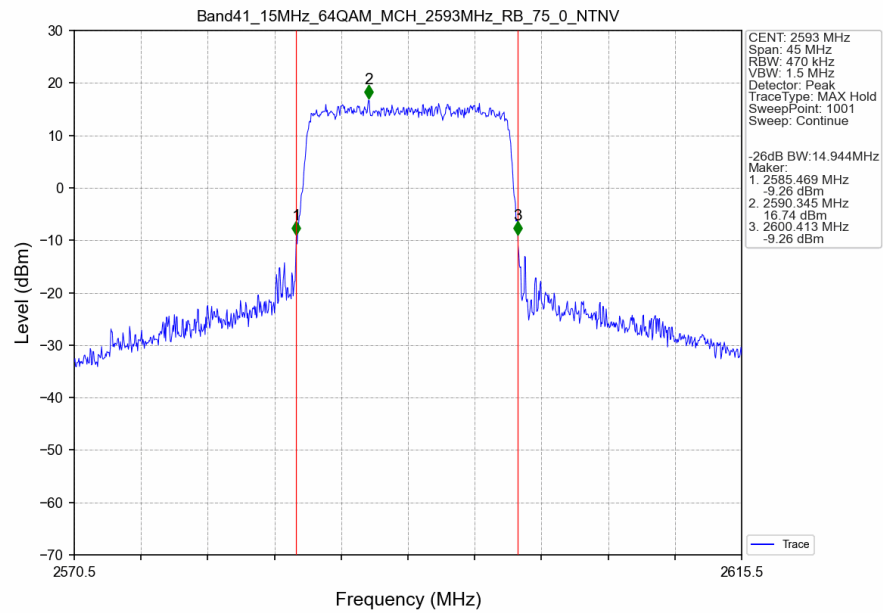
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



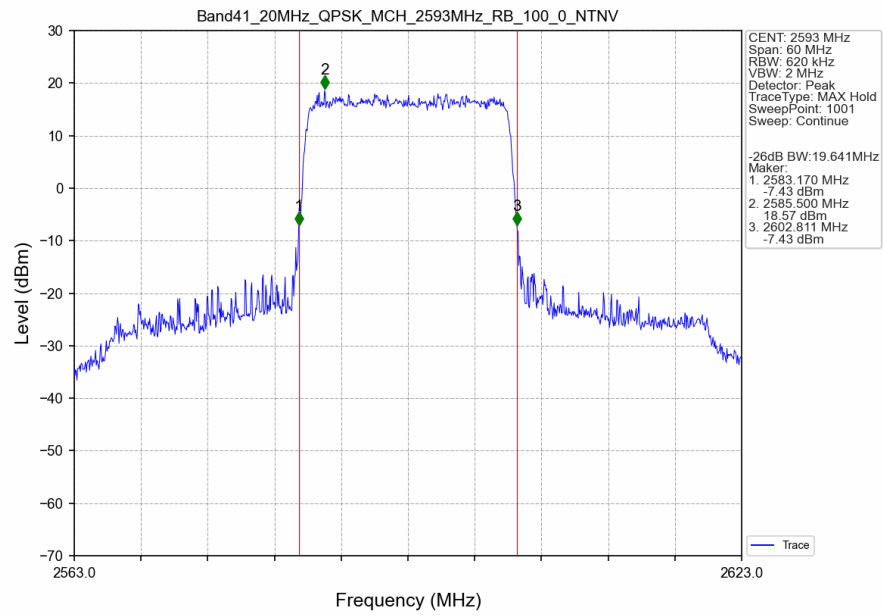
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



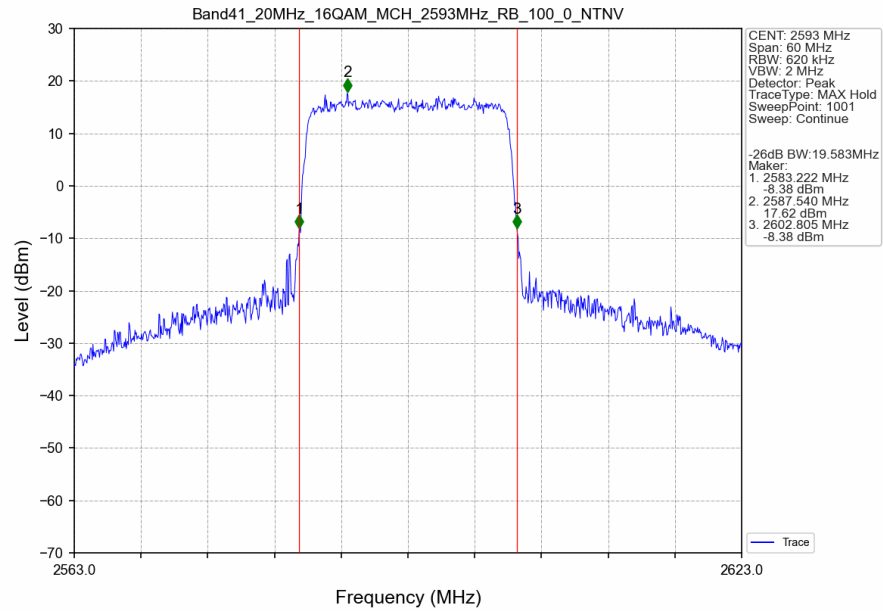
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTNV



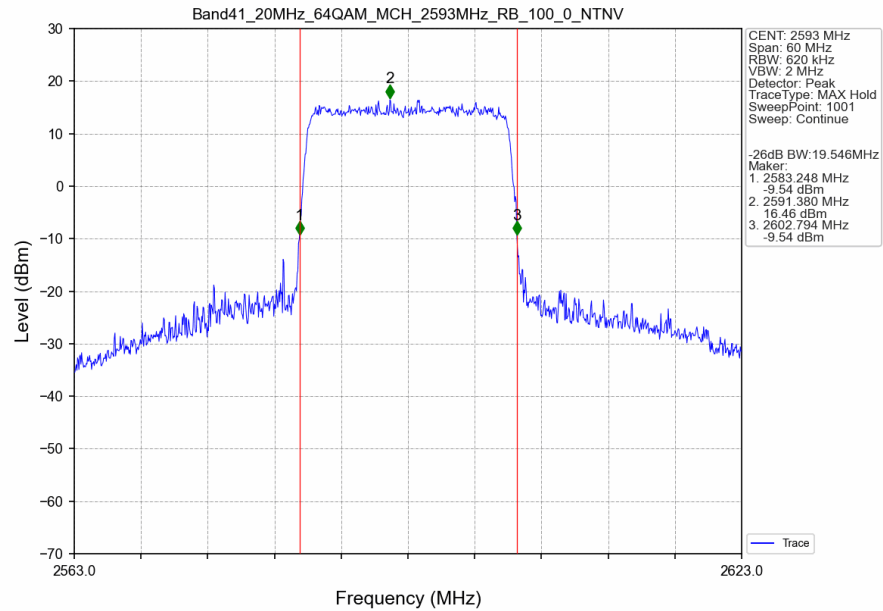
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTV



Band41 20MHz 64QAM MCH 2593MHz RB 100 0 NTV



4. Peak-Average Ratio

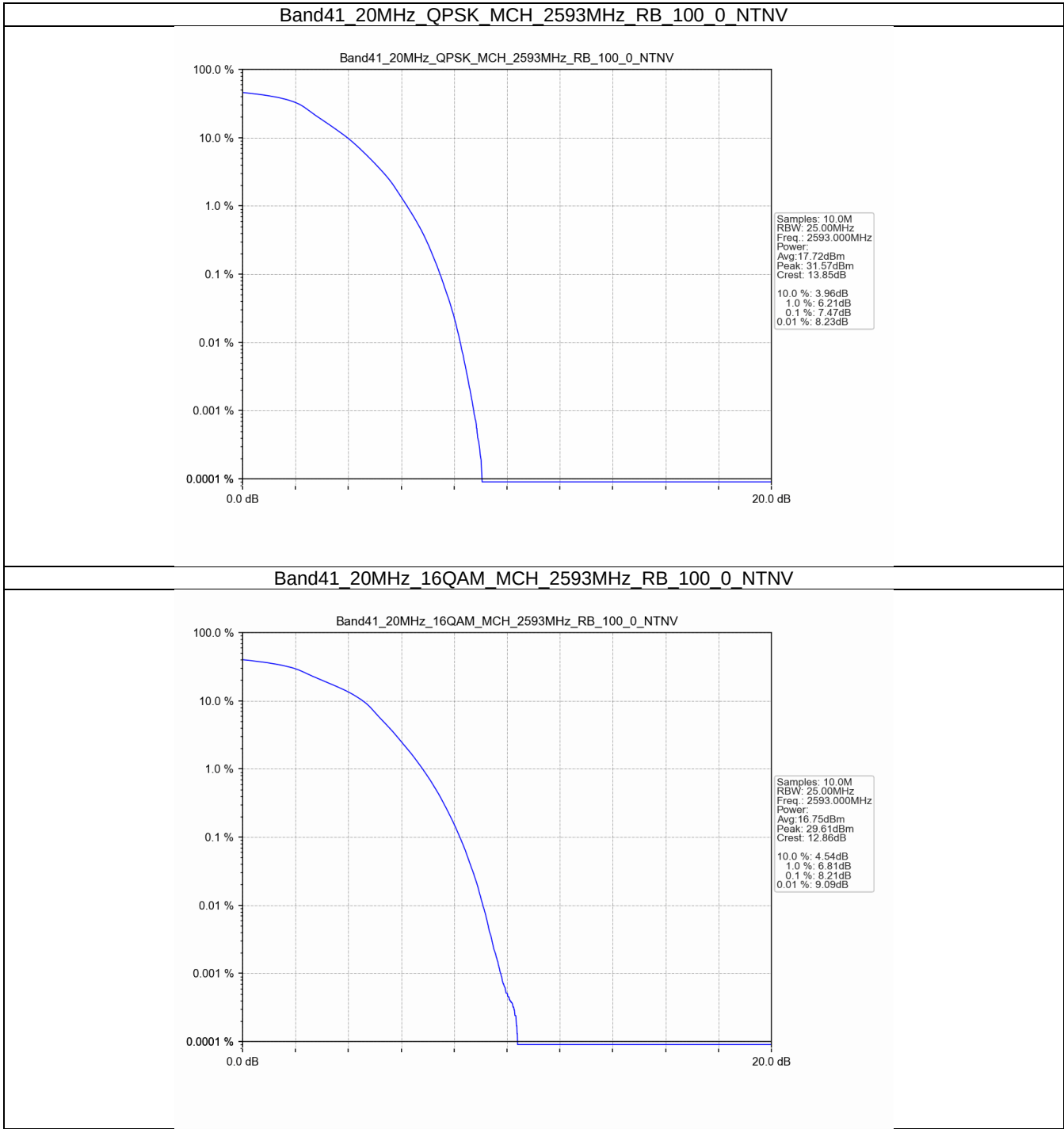
4.1 Test Result

4.1.1 B41_20MHz

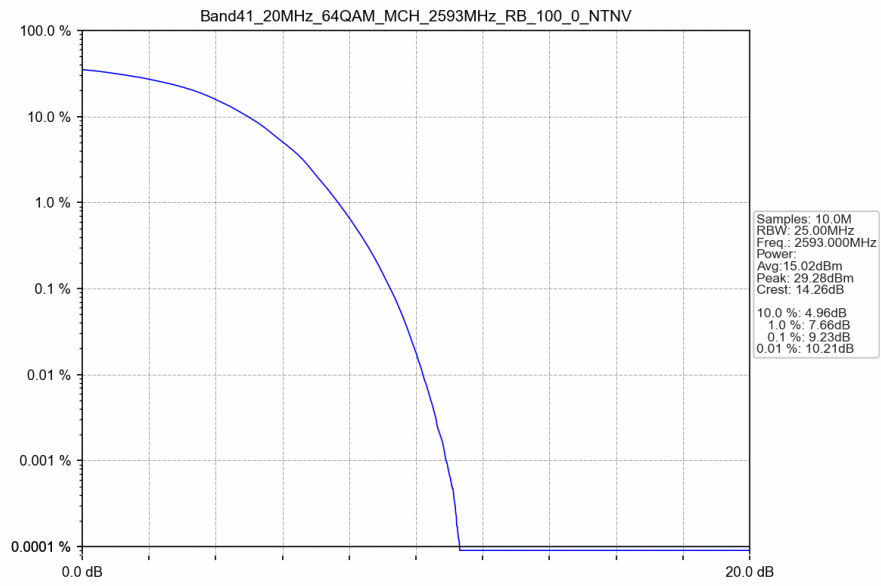
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	7.47	<=13	Pass
16QAM	2593	100	0	8.21	<=13	Pass
64QAM	2593	100	0	9.23	<=13	Pass

4.2 Test Graph

4.2.1 B41_20MHz



Band41 20MHz 64QAM MCH 2593MHz RB 100 0 NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
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		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
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		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B41_15MHz

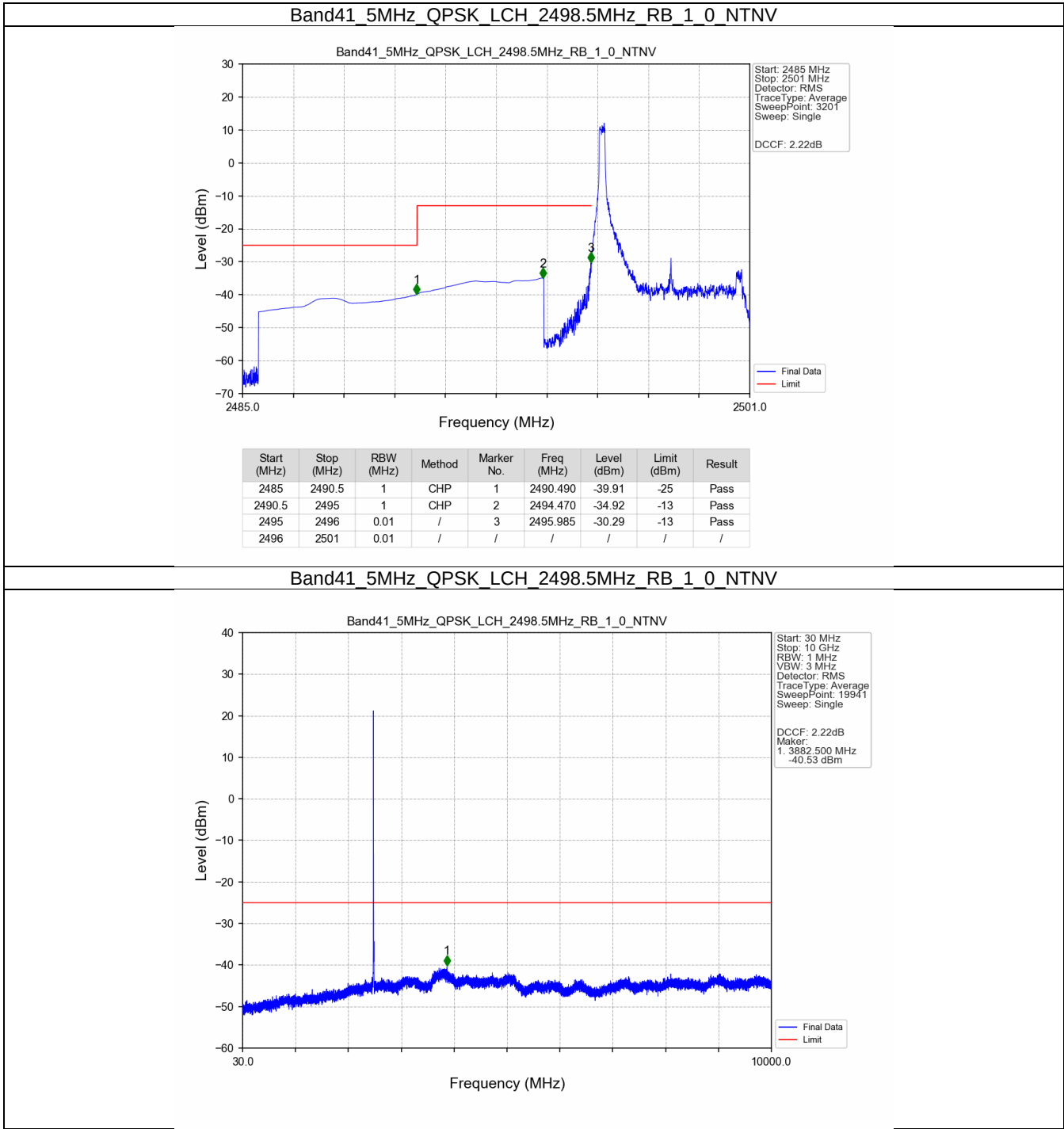
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B41_20MHz

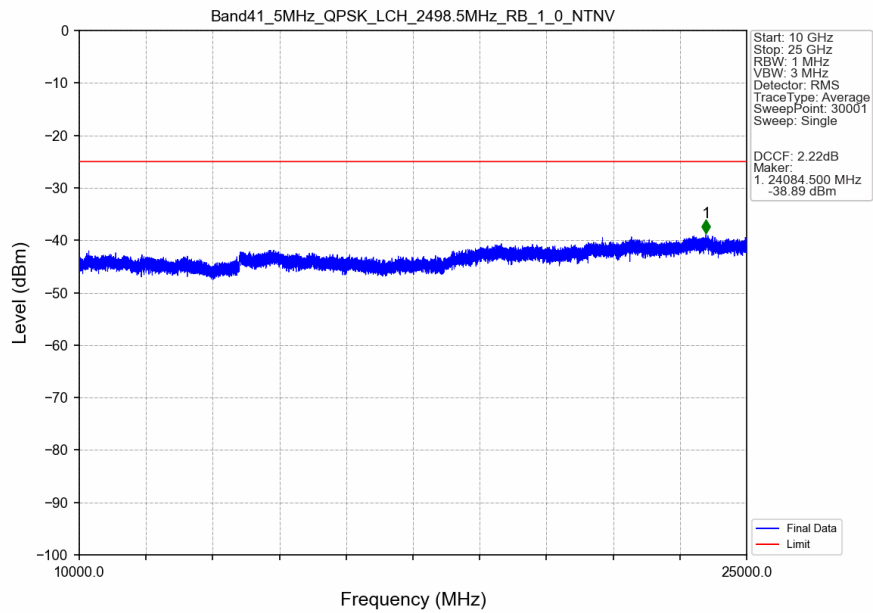
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

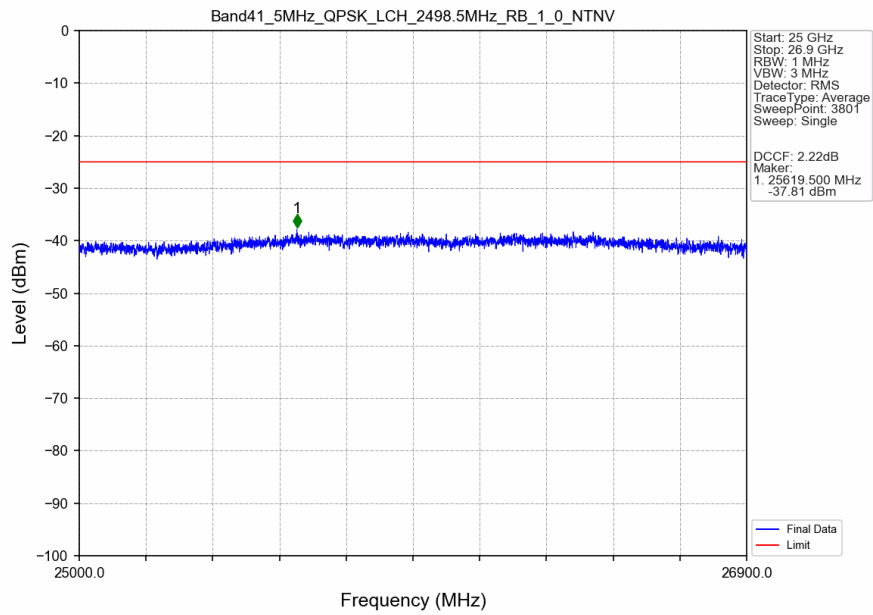
5.2.1 B41_5MHz



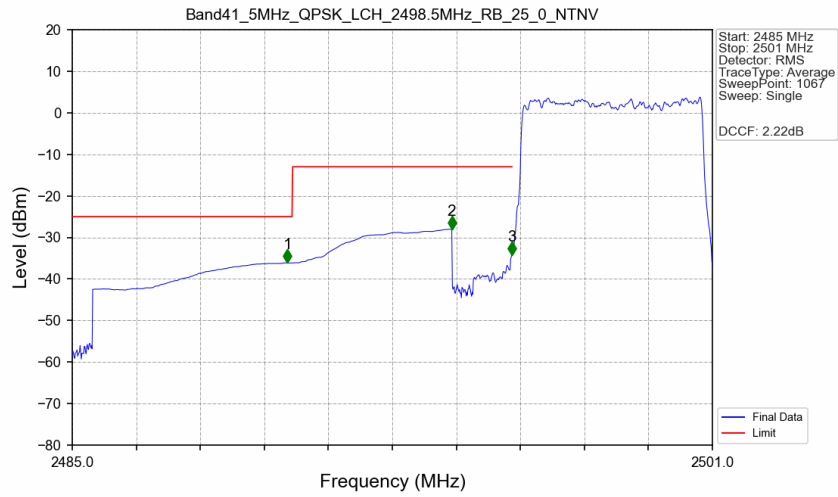
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV



Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV

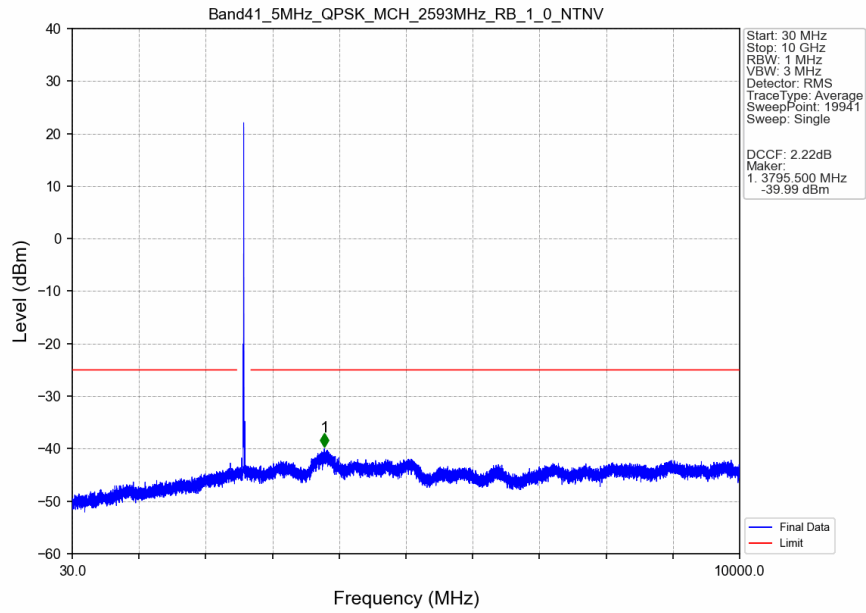


Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTNV

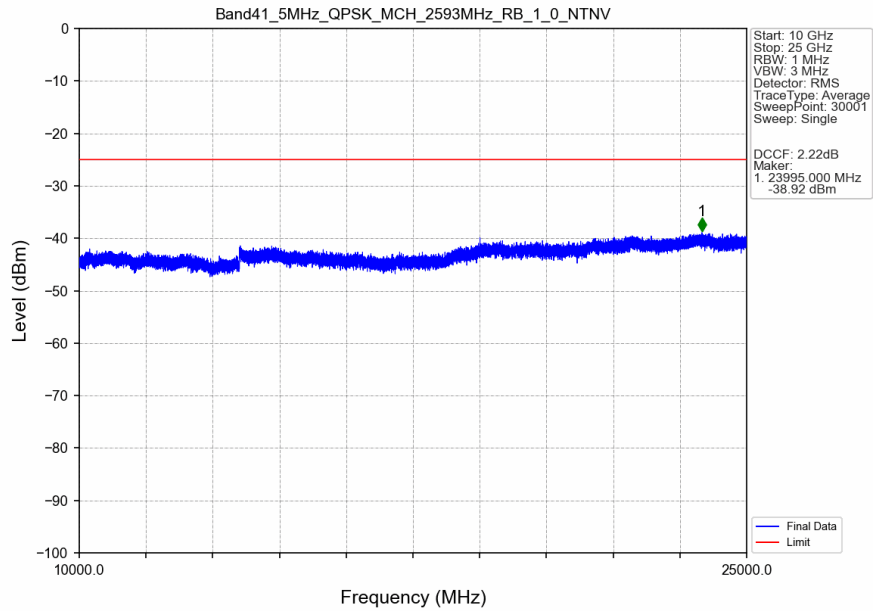


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.373	-36.13	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-28.02	-13	Pass
2495	2496	0.05	CHP	3	2495.987	-34.21	-13	Pass
2496	2501	0.05	CHP	/	/	/	/	/

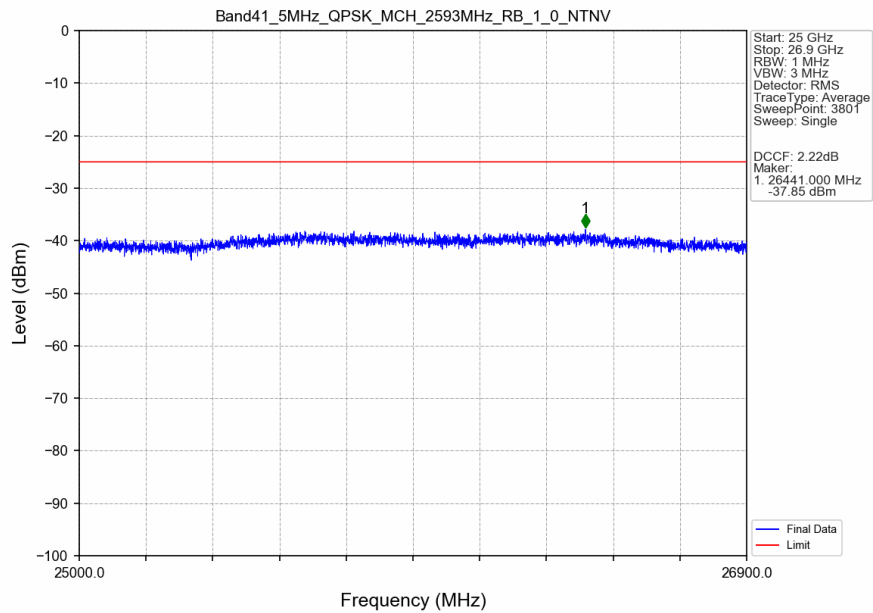
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTNV



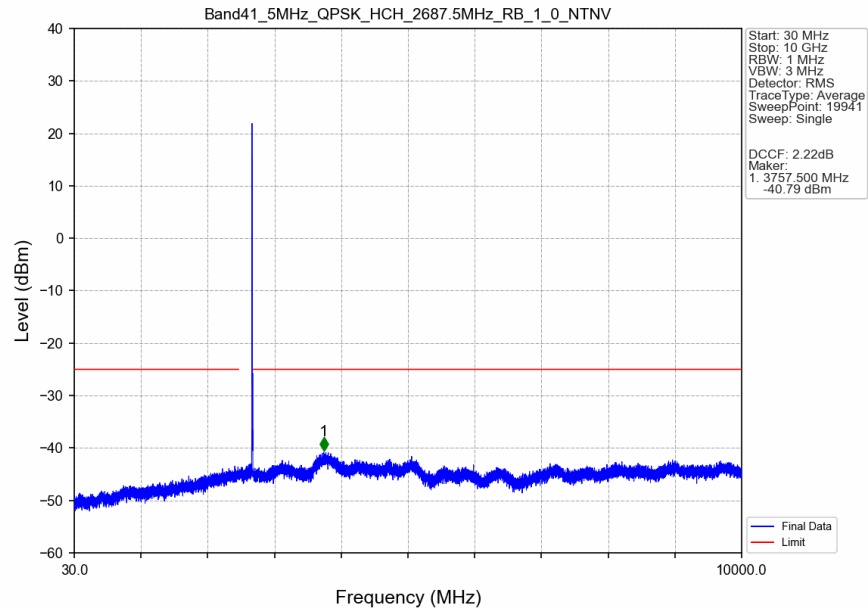
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTNV



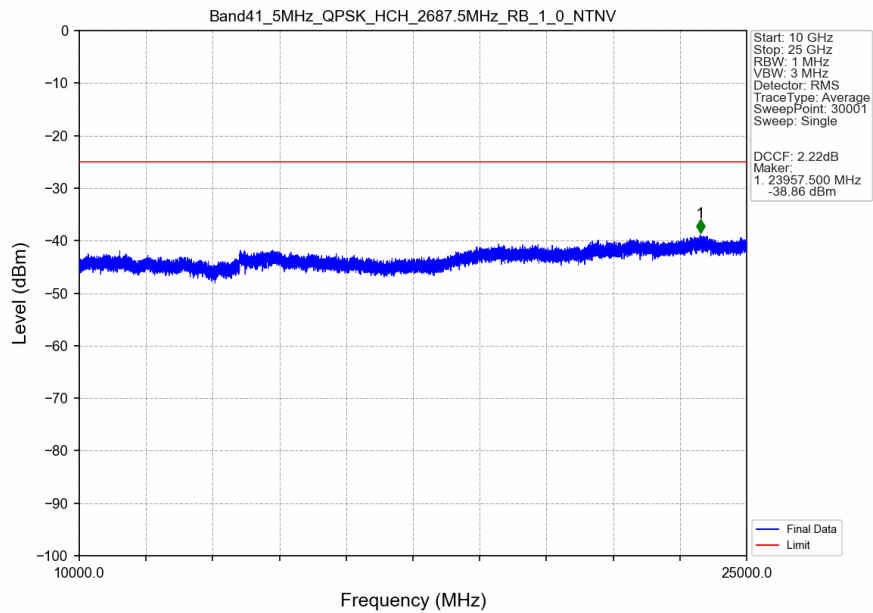
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTNV



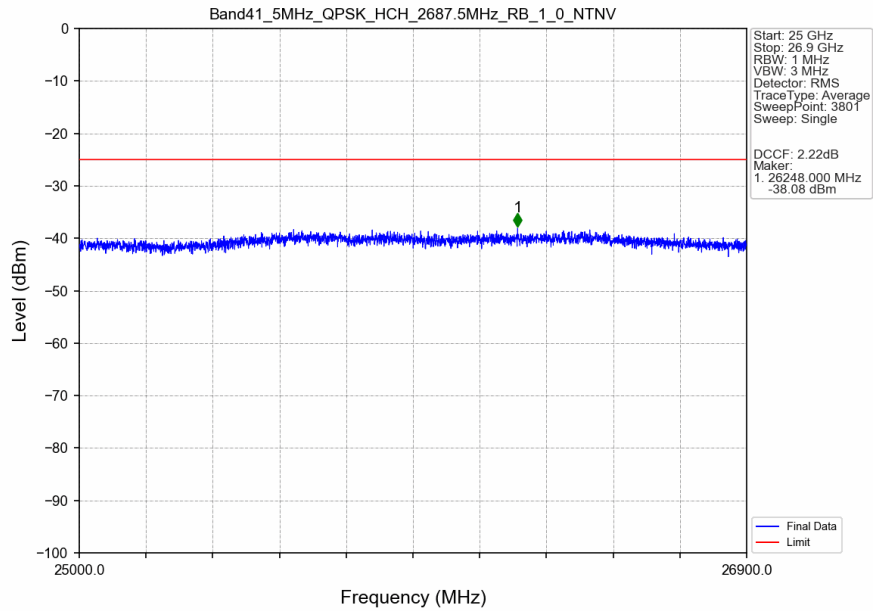
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



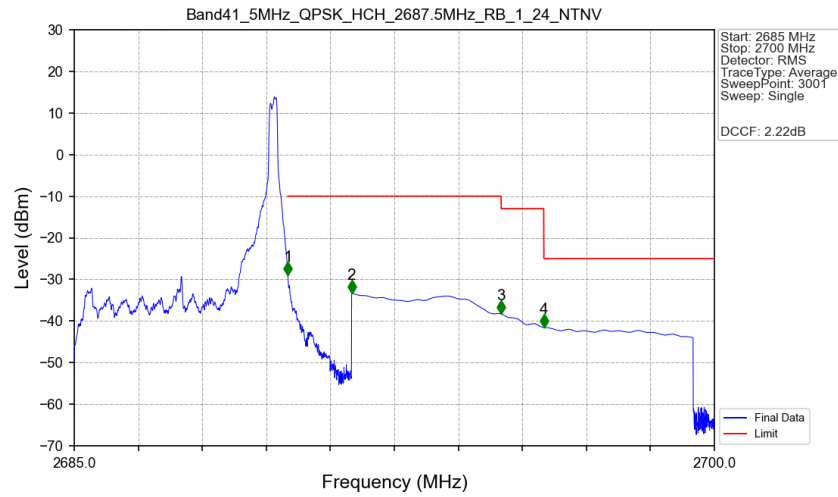
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV

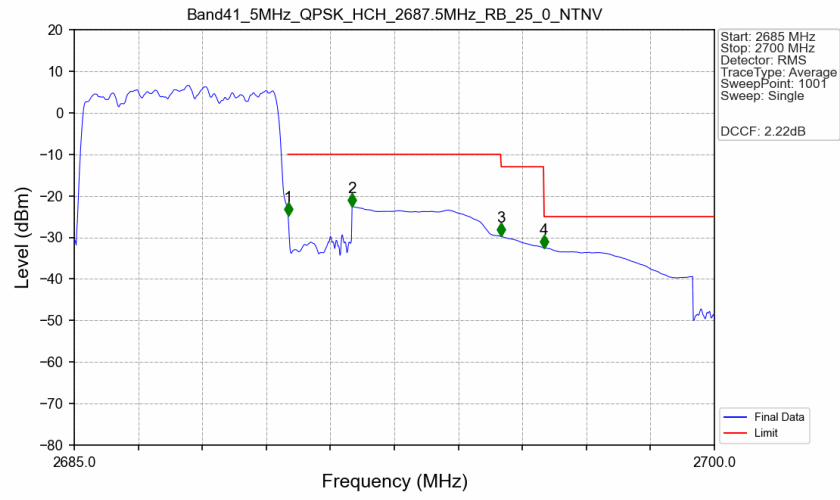


Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTV



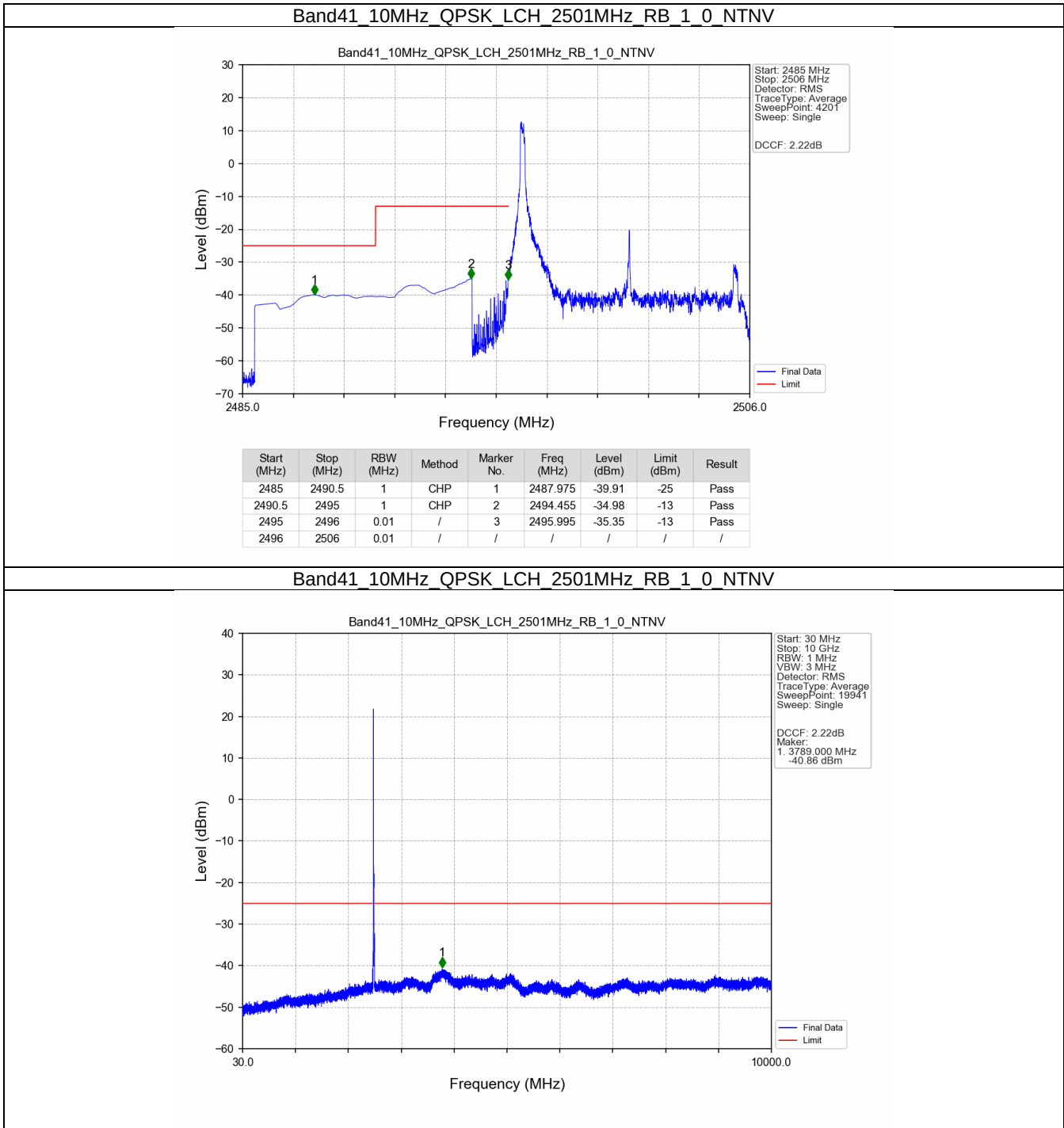
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-28.98	-10	Pass
2691	2695	1	CHP	2	2691.500	-33.26	-10	Pass
2695	2696	1	CHP	3	2695.005	-38.32	-13	Pass
2696	2700	1	CHP	4	2696.005	-41.58	-25	Pass

Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV

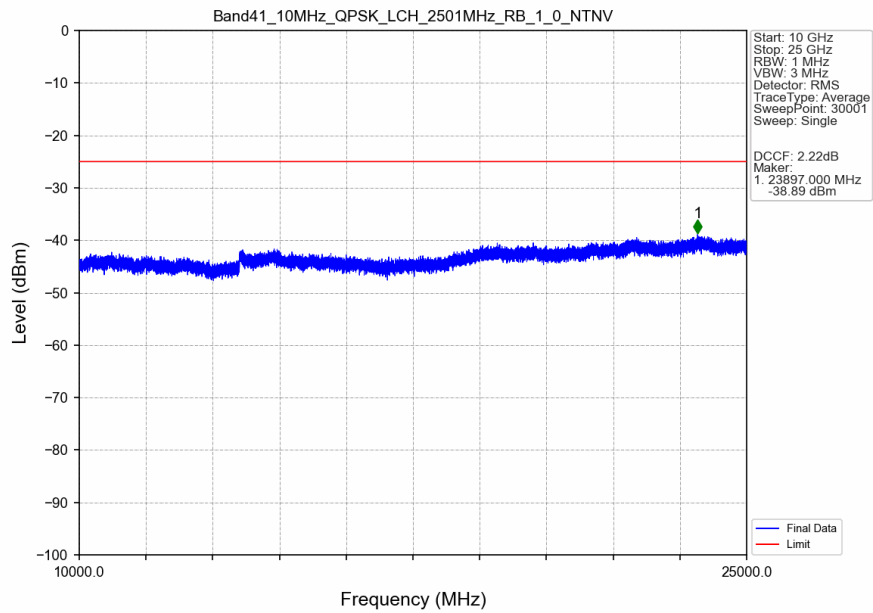


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.102	CHP	/	/	/	/	/
2690	2691	0.102	CHP	1	2690.010	-24.79	-10	Pass
2691	2695	1	CHP	2	2691.510	-22.57	-10	Pass
2695	2696	1	CHP	3	2695.005	-29.75	-13	Pass
2696	2700	1	CHP	4	2696.010	-32.50	-25	Pass

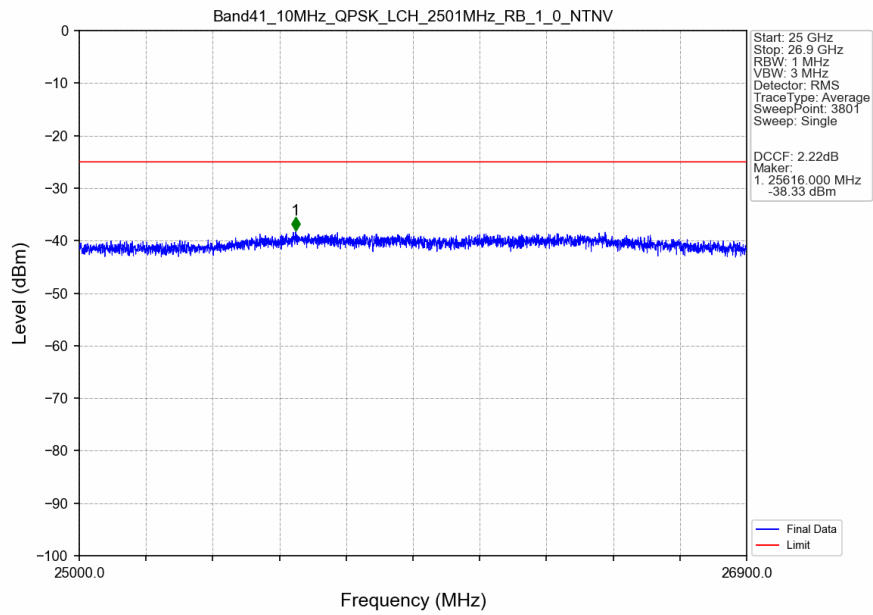
5.2.2 B41_10MHz



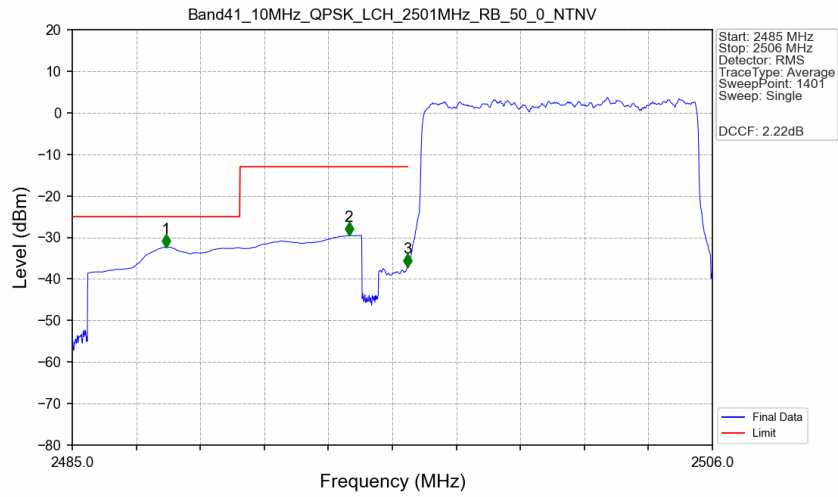
Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTNV



Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTNV

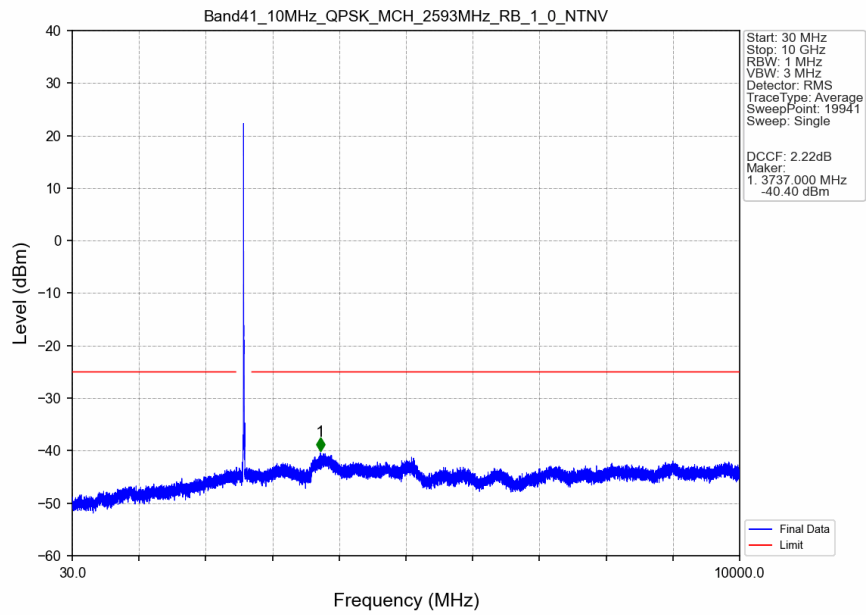


Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTV

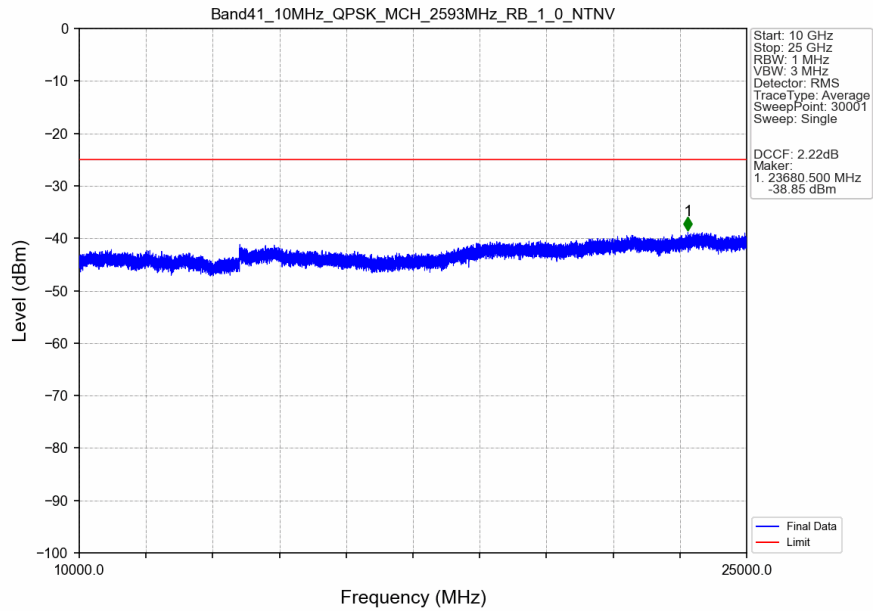


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.075	-32.34	-25	Pass
2490.5	2495	1	CHP	2	2494.075	-29.56	-13	Pass
2495	2496	0.098	CHP	3	2495.995	-37.22	-13	Pass
2496	2506	0.098	CHP	/	/	/	/	/

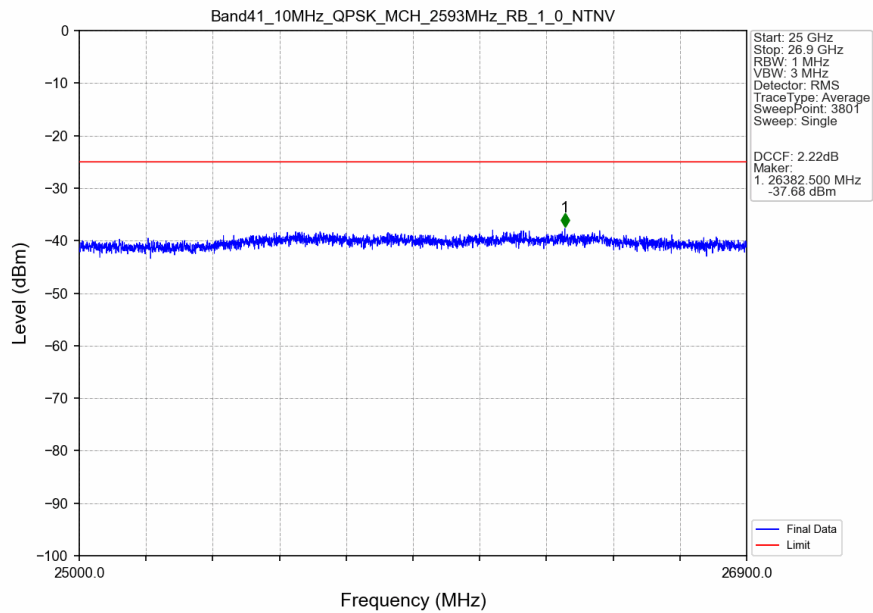
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTV



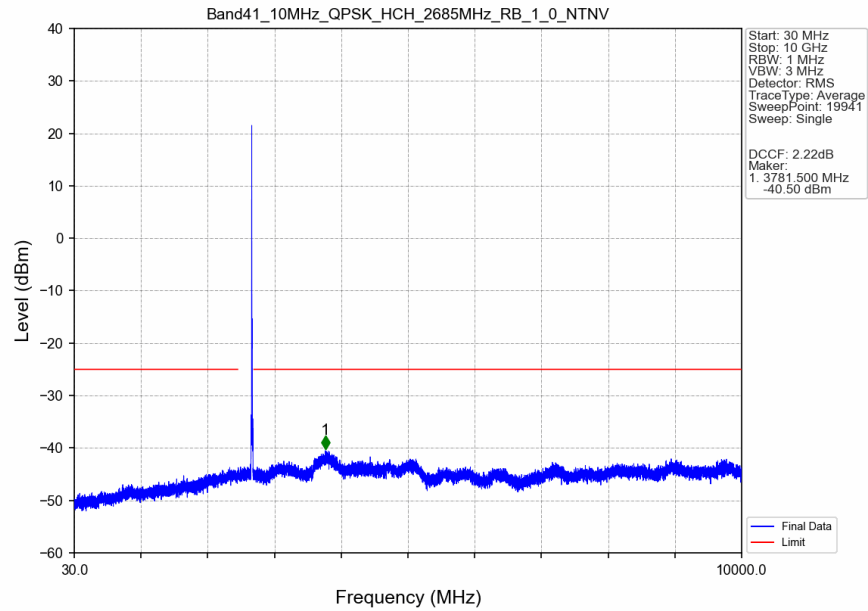
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



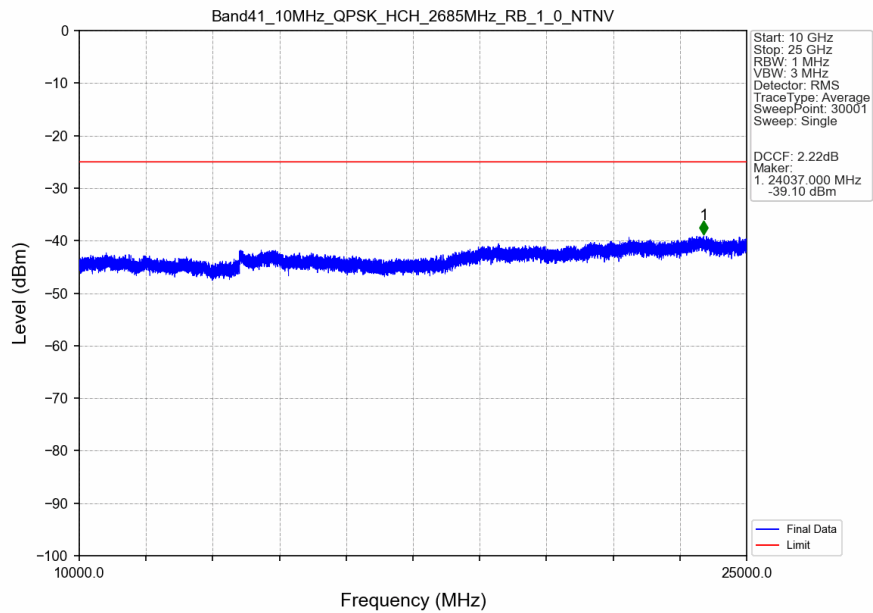
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



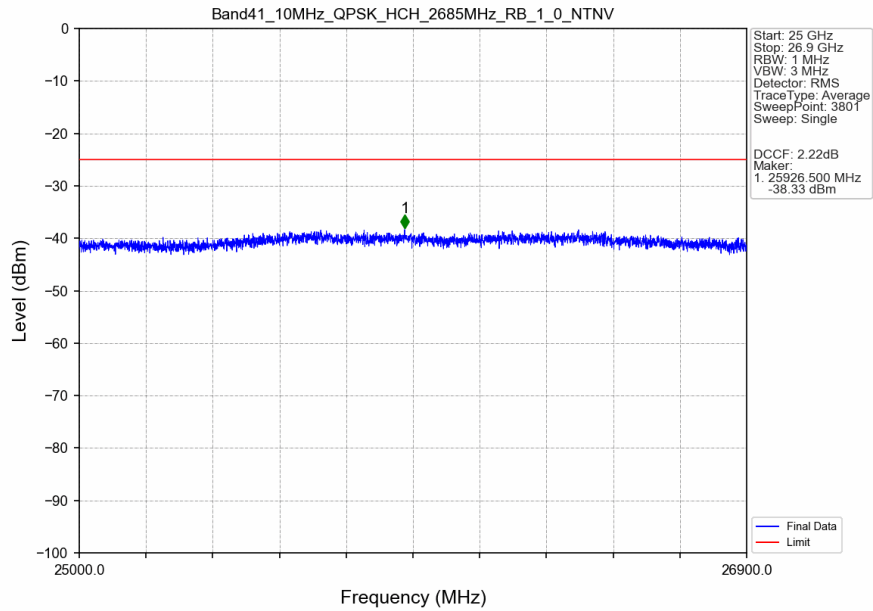
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTNV



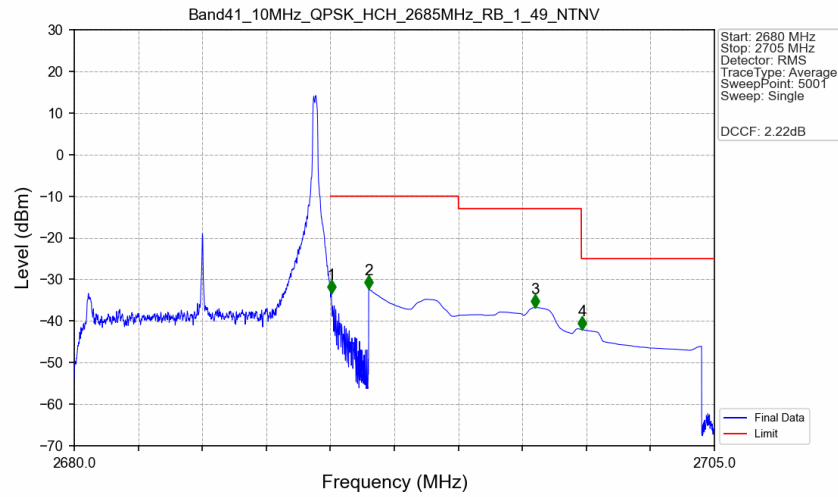
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

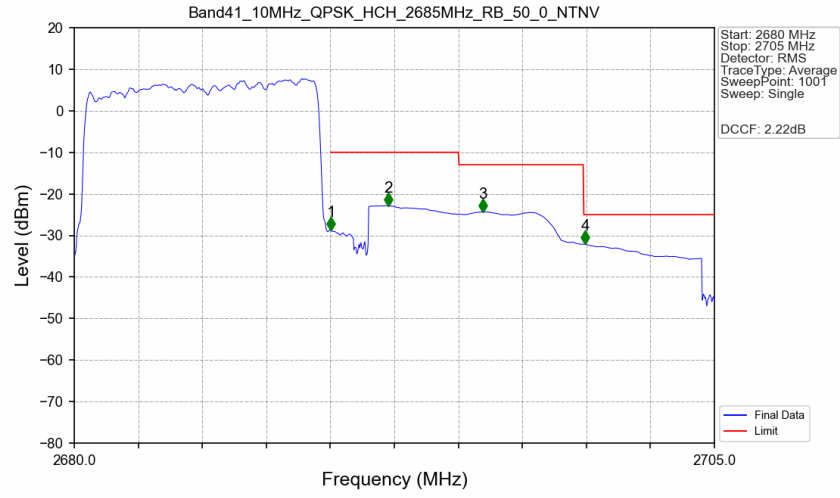


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



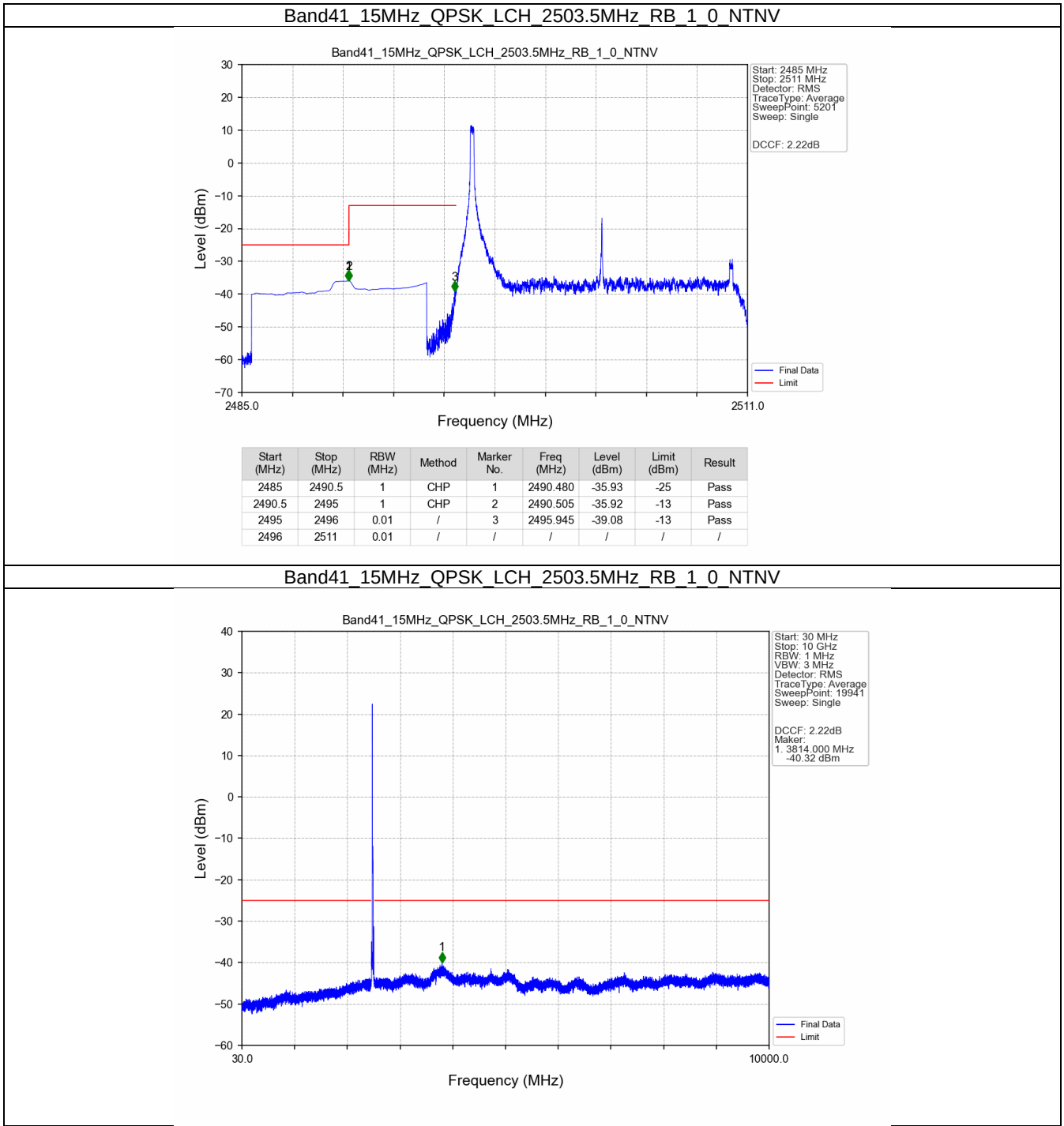
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.035	-33.26	-10	Pass
2691	2695	1	CHP	2	2691.500	-32.24	-10	Pass
2695	2699.802	1	CHP	3	2697.990	-36.77	-13	Pass
2699.802	2705	1	CHP	4	2699.840	-42.07	-25	Pass

Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTN

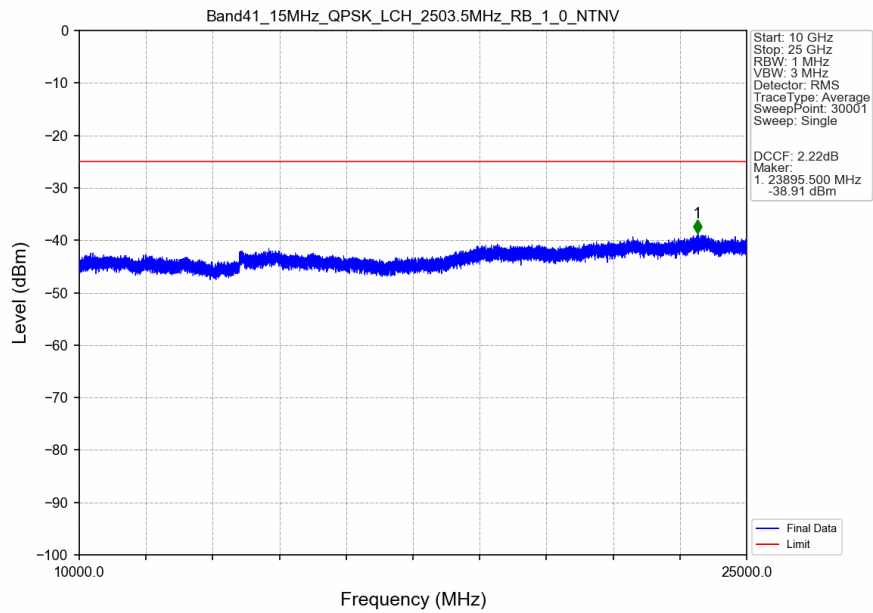


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.198	CHP	/	/	/	/	/
2690	2691	0.198	CHP	1	2690.025	-28.81	-10	Pass
2691	2695	1	CHP	2	2692.275	-22.85	-10	Pass
2695	2699.88	1	CHP	3	2695.950	-24.32	-13	Pass
2699.88	2705	1	CHP	4	2699.950	-32.12	-25	Pass

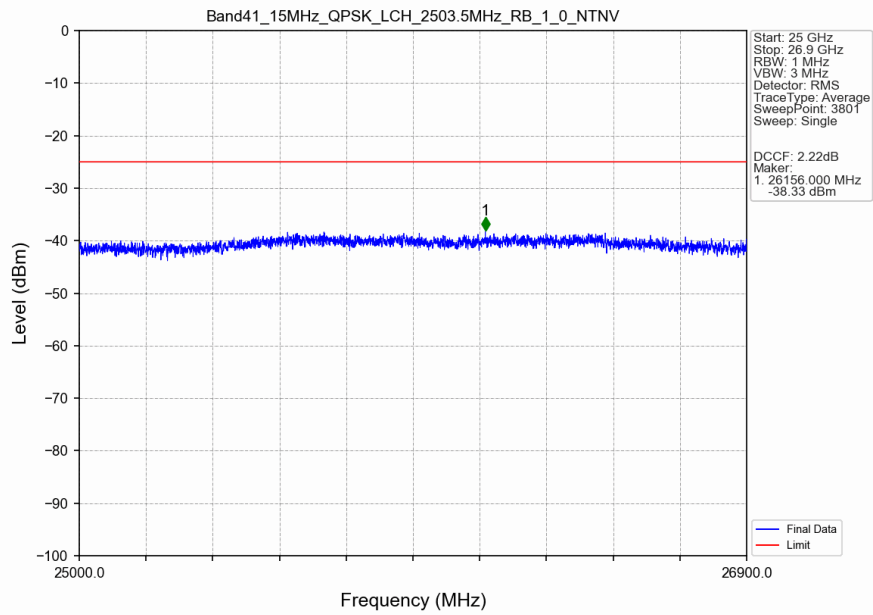
5.2.3 B41_15MHz



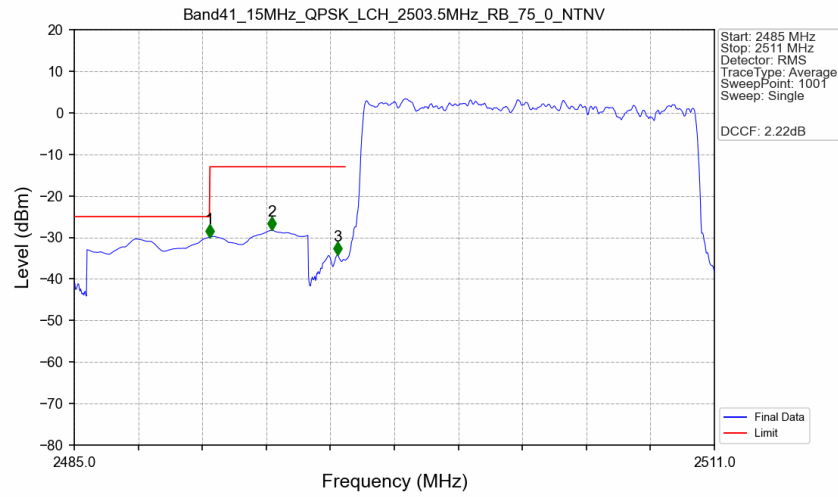
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

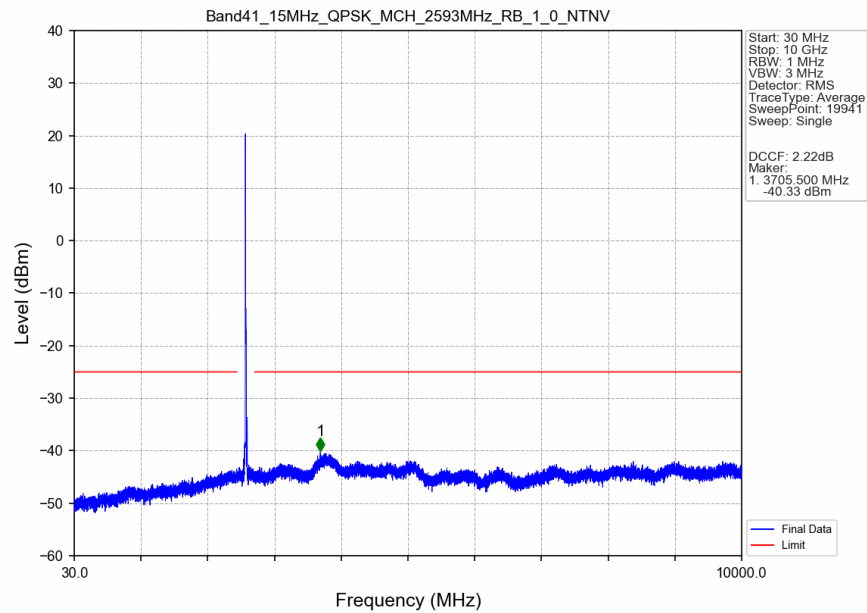


Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTN

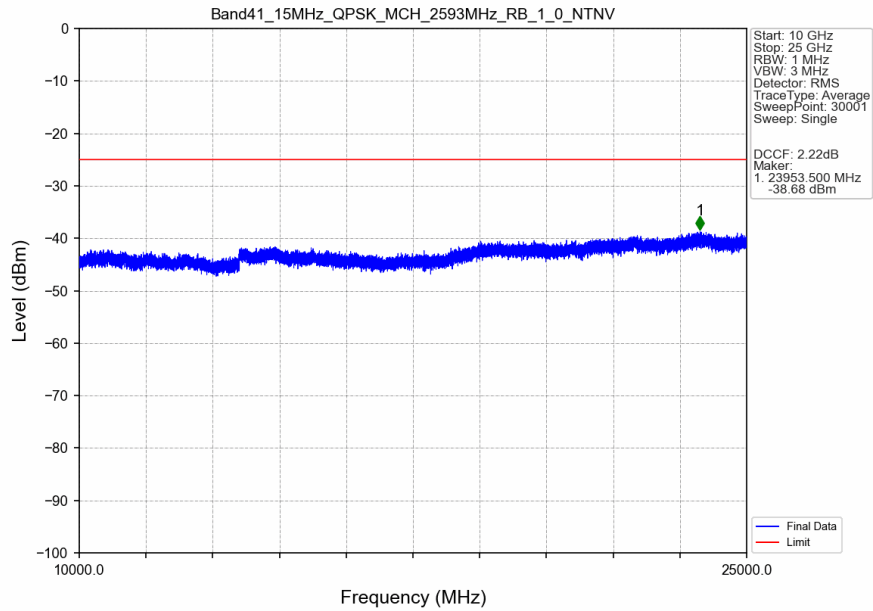


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.486	-29.98	-25	Pass
2490.5	2495	1	CHP	2	2493.034	-28.30	-13	Pass
2495	2496	0.149	CHP	3	2495.686	-34.31	-13	Pass
2496	2511	0.149	CHP	/	/	/	/	/

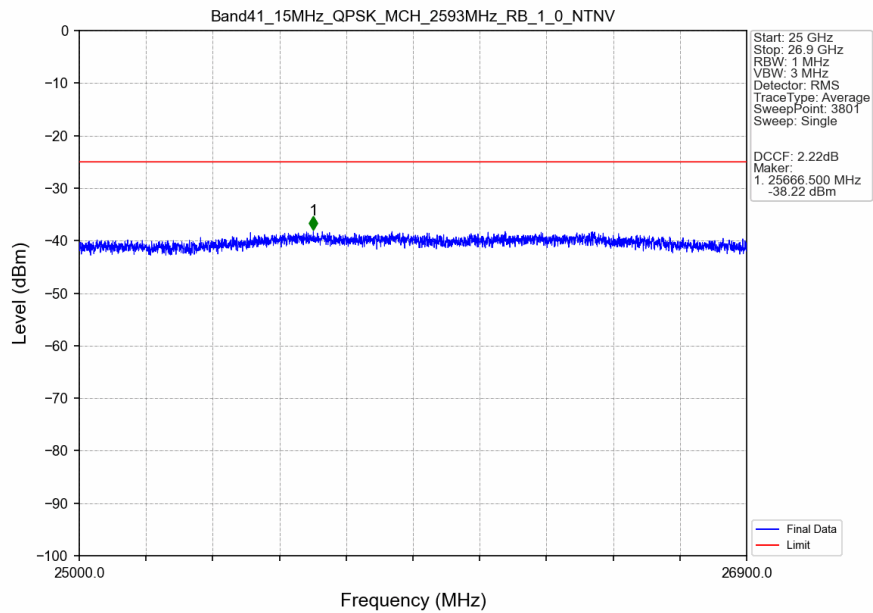
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTN



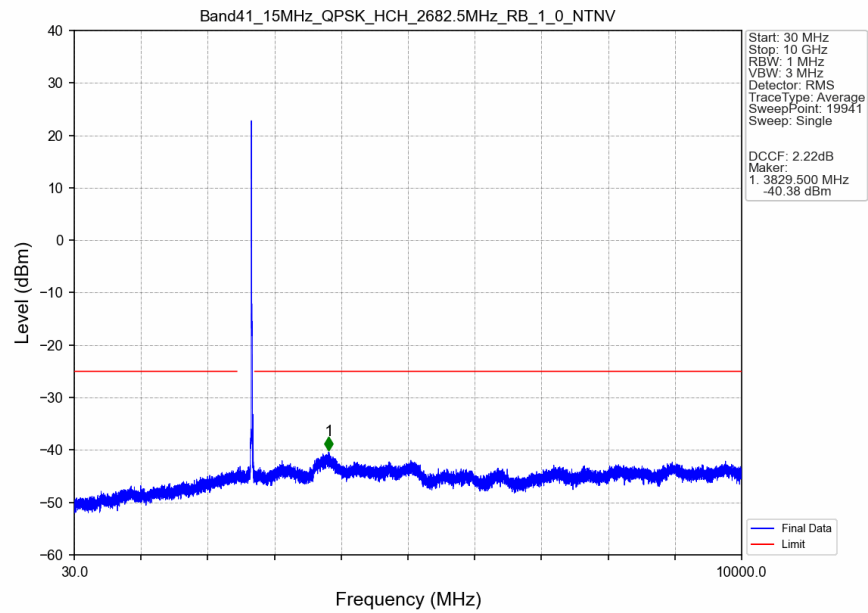
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



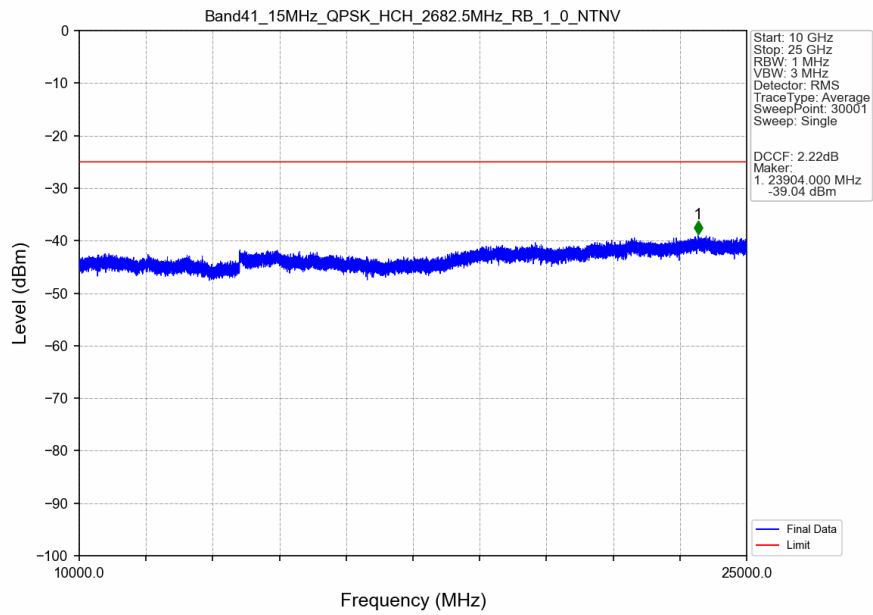
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



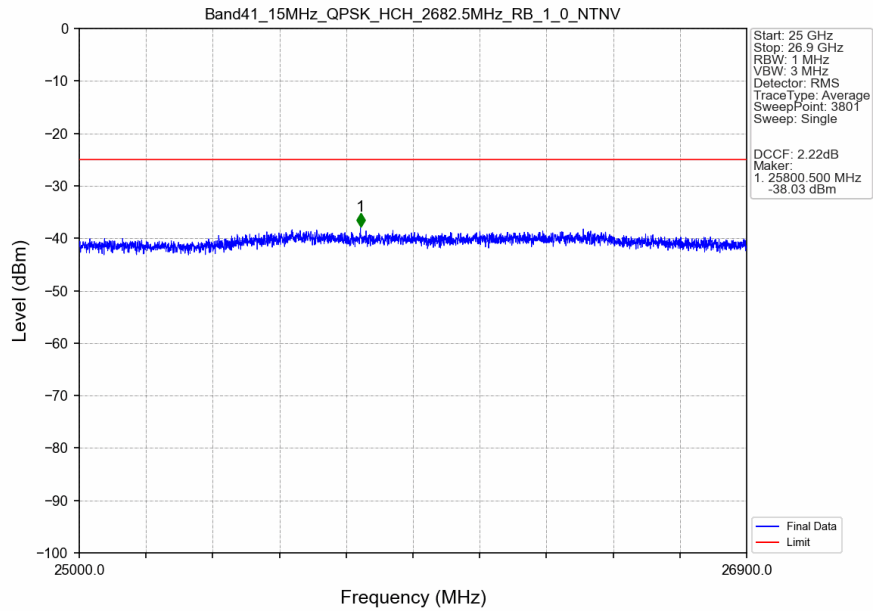
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



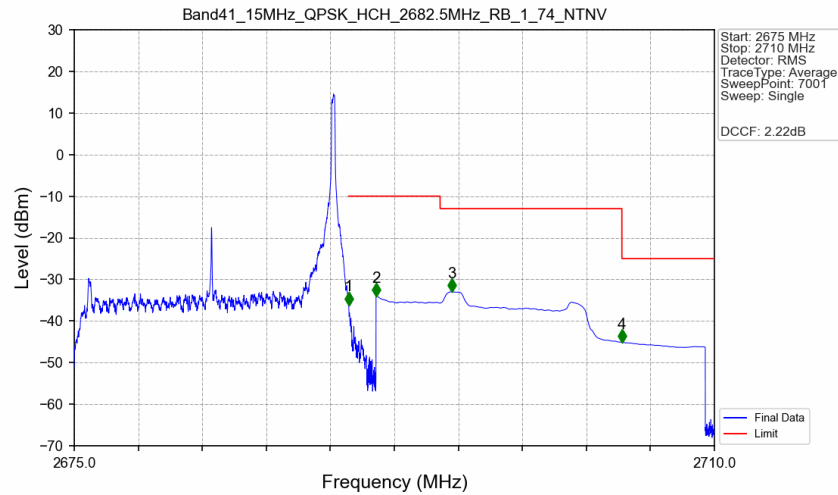
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV

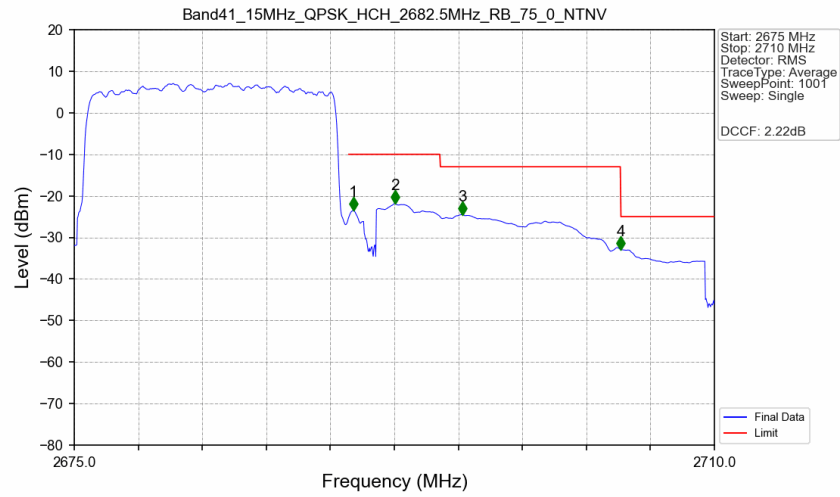


Band41 15MHz QPSK HCH 2682.5MHz RB 1 74 NTNV



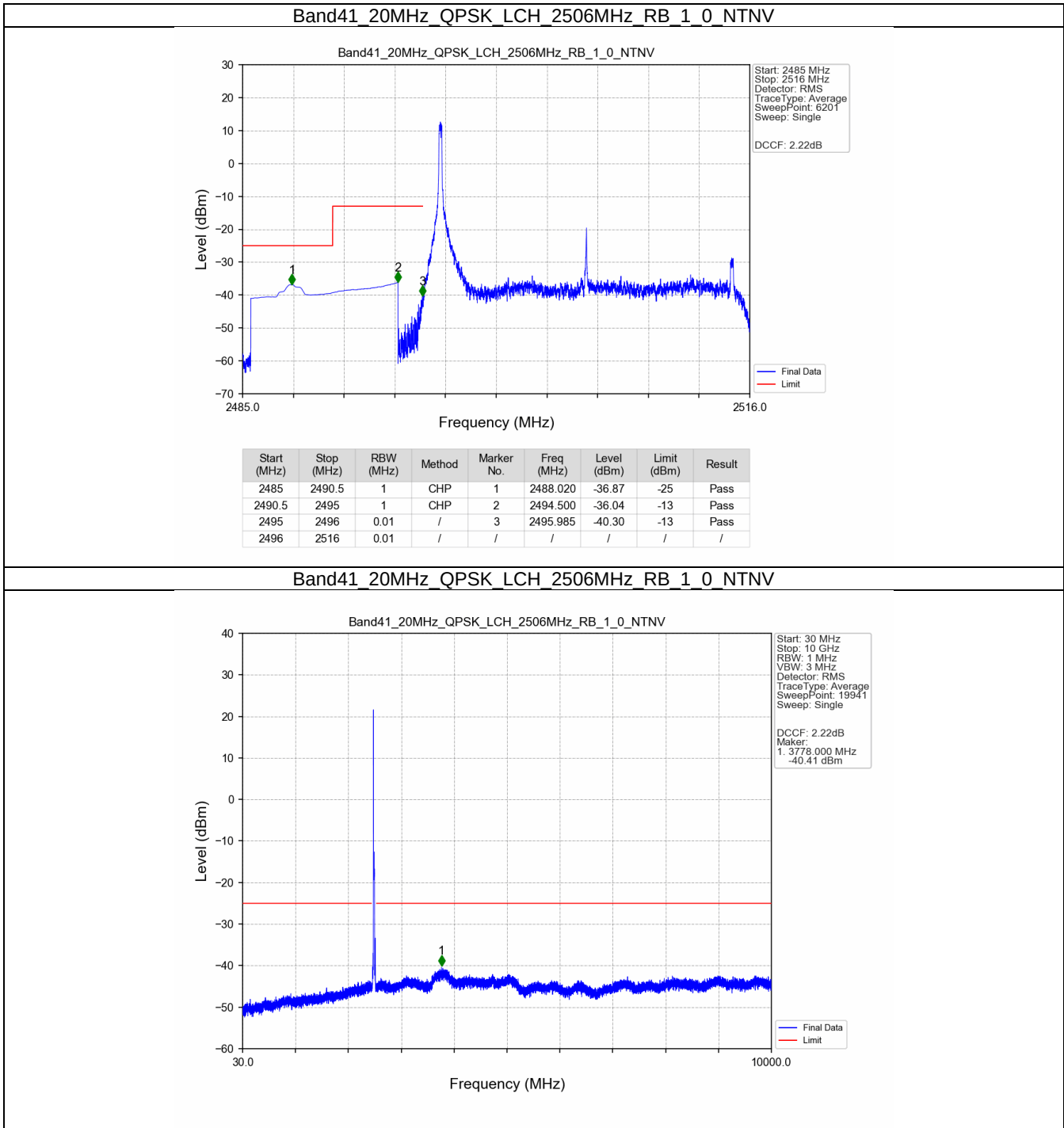
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-36.16	-10	Pass
2691	2695	1	CHP	2	2691.505	-33.99	-10	Pass
2695	2704.944	1	CHP	3	2695.630	-32.96	-13	Pass
2704.944	2710	1	CHP	4	2704.945	-45.10	-25	Pass

Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTN

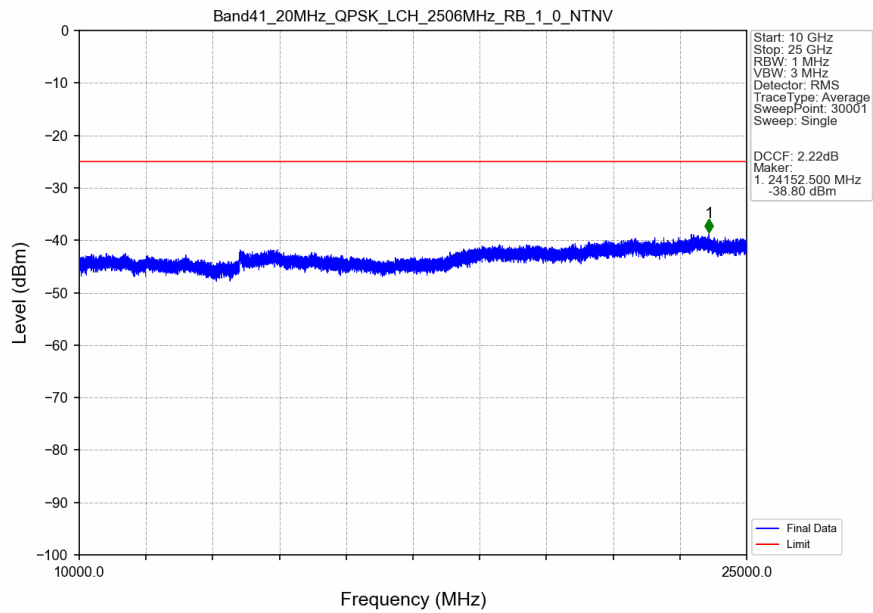


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.298	CHP	/	/	/	/	/
2690	2691	0.298	CHP	1	2690.260	-23.53	-10	Pass
2691	2695	1	CHP	2	2692.535	-21.83	-10	Pass
2695	2704.878	1	CHP	3	2696.210	-24.51	-13	Pass
2704.878	2710	1	CHP	4	2704.890	-32.88	-25	Pass

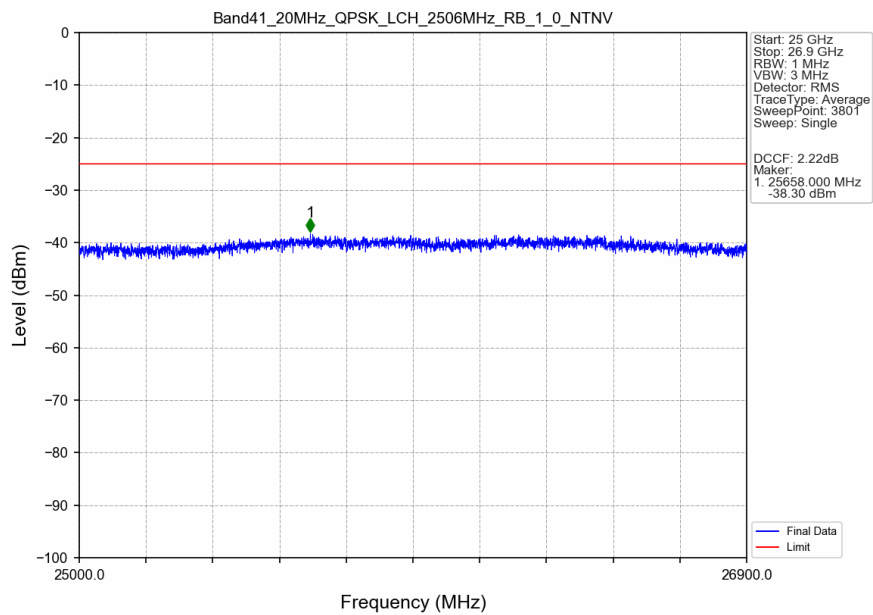
5.2.4 B41_20MHz



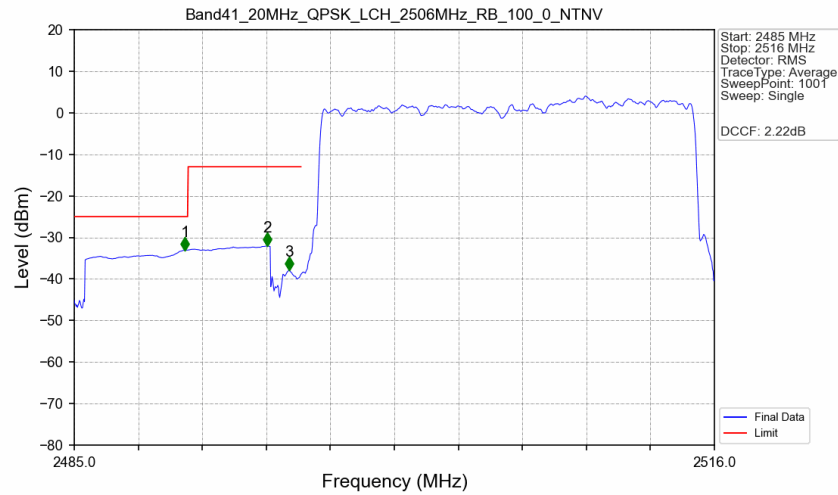
Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTNV



Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTNV

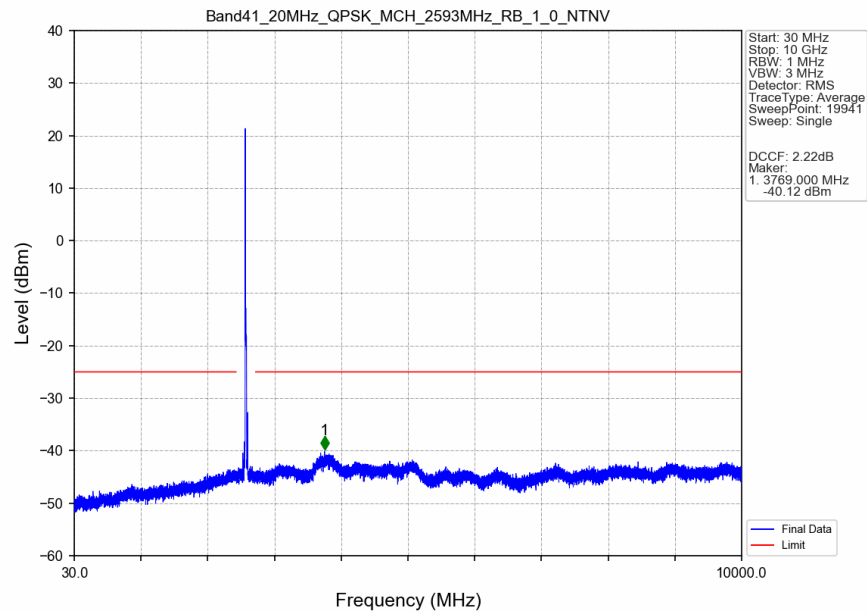


Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV

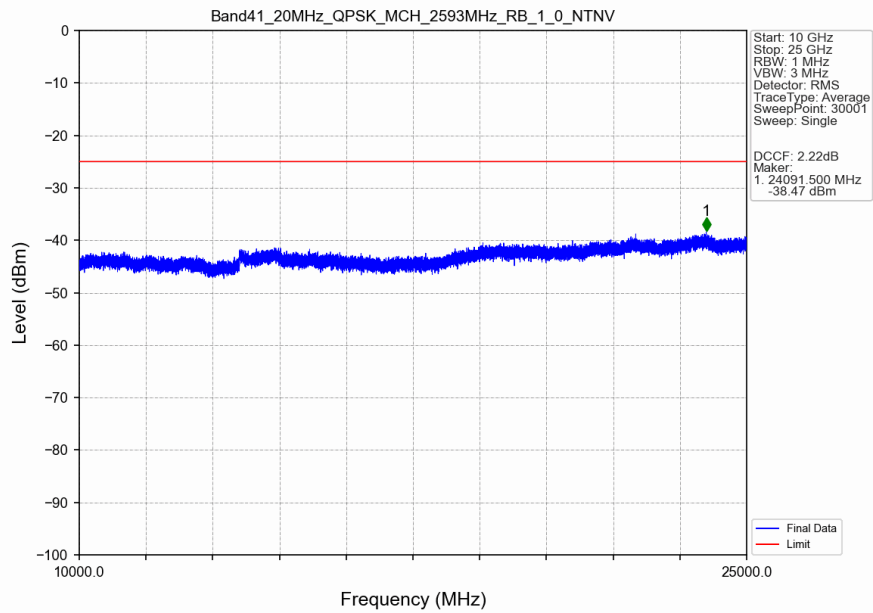


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.363	-33.05	-25	Pass
2490.5	2495	1	CHP	2	2494.362	-32.07	-13	Pass
2495	2496	0.196	CHP	3	2495.416	-37.87	-13	Pass
2496	2516	0.196	CHP	/	/	/	/	/

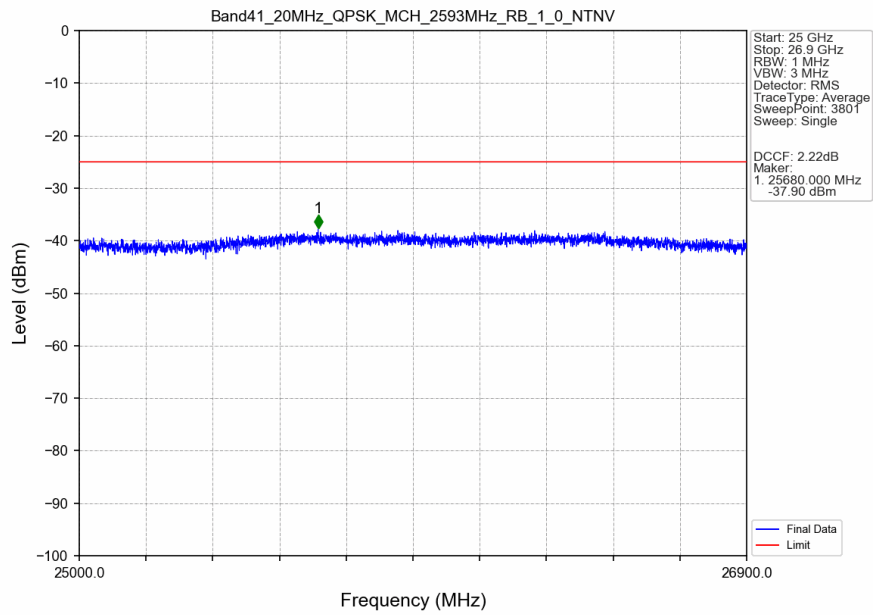
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



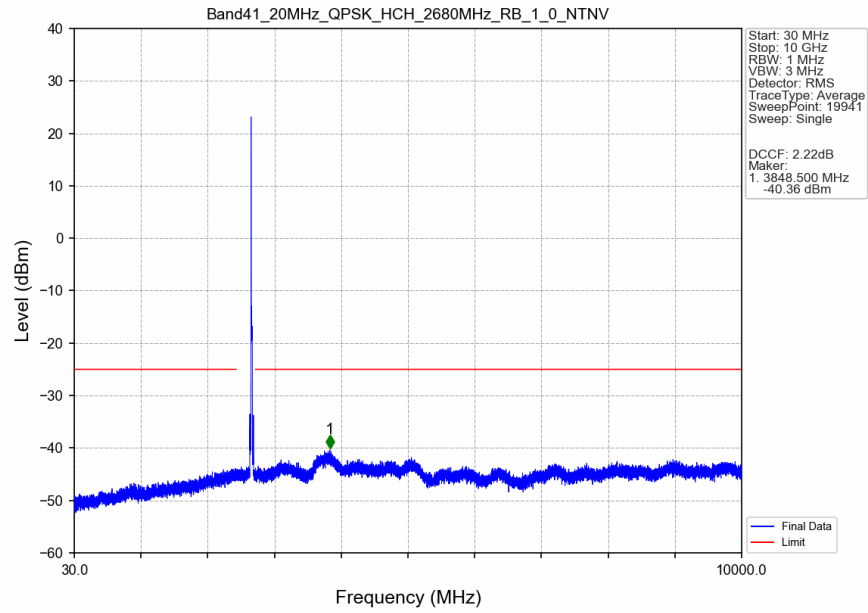
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



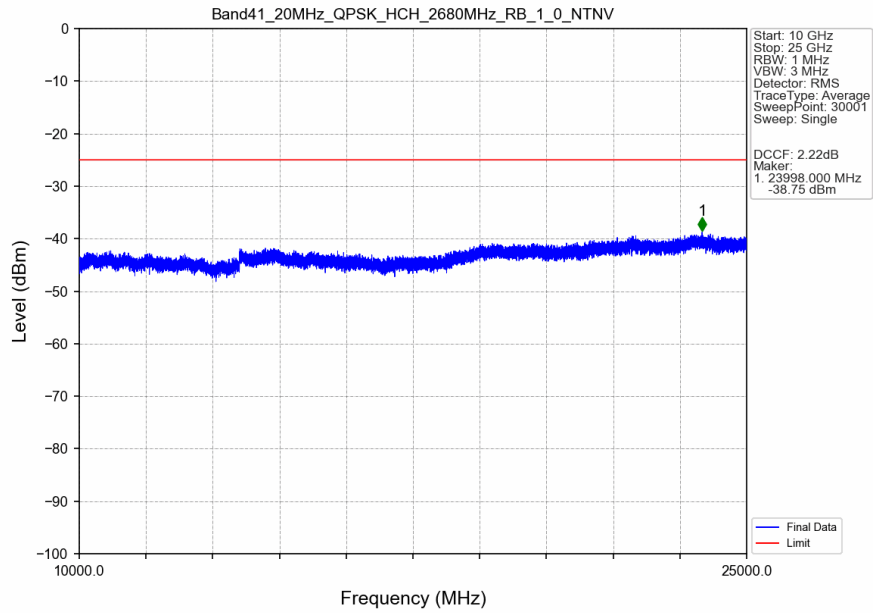
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



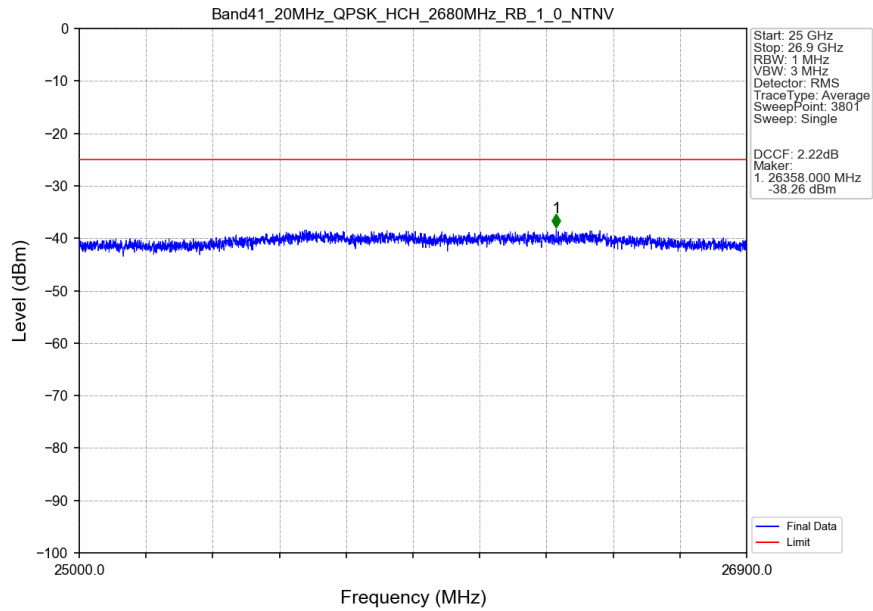
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV



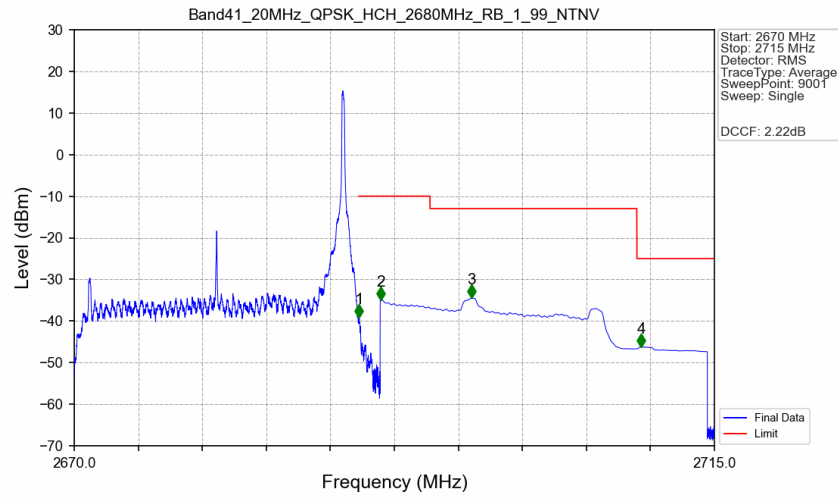
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV



Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV

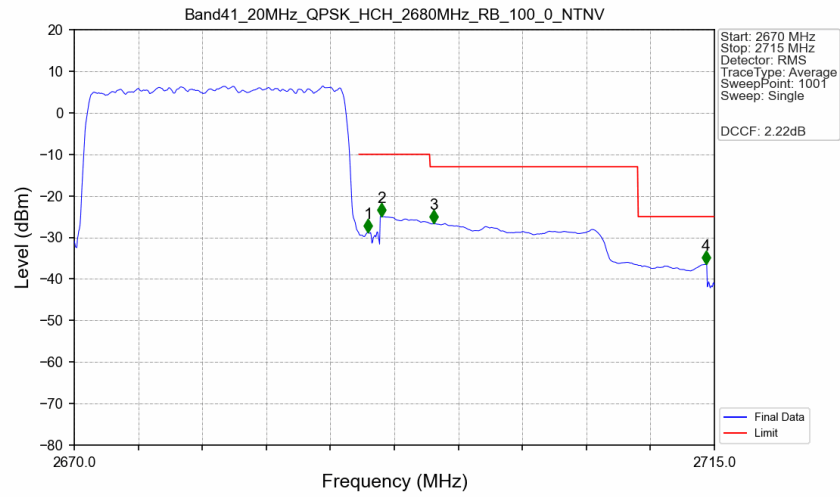


Band41 20MHz QPSK HCH 2680MHz RB 1 99 NTNV



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	2690.020	-39.17	-10	Pass
2691	2695	1	CHP	2	2691.540	-35.01	-10	Pass
2695	2709.546	1	CHP	3	2697.935	-34.51	-13	Pass
2709.546	2715	1	CHP	4	2709.855	-46.22	-25	Pass

Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.393	CHP	/	/	/	/	/
2690	2691	0.393	CHP	1	2690.655	-28.80	-10	Pass
2691	2695	1	CHP	2	2691.600	-24.96	-10	Pass
2695	2709.641	1	CHP	3	2695.290	-26.63	-13	Pass
2709.641	2715	1	CHP	4	2714.415	-36.49	-25	Pass