

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	24.26	2.36	26.62	<=33.01	Pass
			13	24.29	2.36	26.65	<=33.01	Pass
			24	24.21	2.36	26.57	<=33.01	Pass
		12	0	23.11	2.36	25.47	<=33.01	Pass
			6	23.11	2.36	25.47	<=33.01	Pass
			13	23.11	2.36	25.47	<=33.01	Pass
		25	0	23.09	2.36	25.45	<=33.01	Pass
	2593	1	0	24.11	2.36	26.47	<=33.01	Pass
			13	23.84	2.36	26.20	<=33.01	Pass
			24	23.90	2.36	26.26	<=33.01	Pass
		12	0	22.89	2.36	25.25	<=33.01	Pass
			6	22.93	2.36	25.29	<=33.01	Pass
			13	22.90	2.36	25.26	<=33.01	Pass
		25	0	22.96	2.36	25.32	<=33.01	Pass
	2687.5	1	0	23.79	2.36	26.15	<=33.01	Pass
			13	23.72	2.36	26.08	<=33.01	Pass
			24	23.81	2.36	26.17	<=33.01	Pass
		12	0	22.70	2.36	25.06	<=33.01	Pass
			6	22.78	2.36	25.14	<=33.01	Pass
			13	22.71	2.36	25.07	<=33.01	Pass
		25	0	22.73	2.36	25.09	<=33.01	Pass
16QAM	2498.5	1	0	23.12	2.36	25.48	<=33.01	Pass
			13	23.25	2.36	25.61	<=33.01	Pass
			24	23.12	2.36	25.48	<=33.01	Pass
		12	0	22.06	2.36	24.42	<=33.01	Pass
			6	22.02	2.36	24.38	<=33.01	Pass
			13	22.03	2.36	24.39	<=33.01	Pass
		25	0	22.05	2.36	24.41	<=33.01	Pass
	2593	1	0	23.00	2.36	25.36	<=33.01	Pass
			13	22.94	2.36	25.30	<=33.01	Pass
			24	22.97	2.36	25.33	<=33.01	Pass
		12	0	21.96	2.36	24.32	<=33.01	Pass
			6	21.93	2.36	24.29	<=33.01	Pass
			13	21.89	2.36	24.25	<=33.01	Pass
		25	0	21.93	2.36	24.29	<=33.01	Pass
	2687.5	1	0	22.68	2.36	25.04	<=33.01	Pass
			13	22.68	2.36	25.04	<=33.01	Pass
			24	23.04	2.36	25.40	<=33.01	Pass
		12	0	21.80	2.36	24.16	<=33.01	Pass
			6	21.62	2.36	23.98	<=33.01	Pass
			13	21.78	2.36	24.14	<=33.01	Pass
		25	0	21.69	2.36	24.05	<=33.01	Pass
64QAM	2498.5	1	0	22.25	2.36	24.61	<=33.01	Pass
			13	22.21	2.36	24.57	<=33.01	Pass
			24	22.20	2.36	24.56	<=33.01	Pass
		12	0	21.09	2.36	23.45	<=33.01	Pass
			6	21.24	2.36	23.60	<=33.01	Pass
			13	21.13	2.36	23.49	<=33.01	Pass
		25	0	21.14	2.36	23.50	<=33.01	Pass

	2593	1	0	21.81	2.36	24.17	<=33.01	Pass
			13	21.75	2.36	24.11	<=33.01	Pass
			24	21.79	2.36	24.15	<=33.01	Pass
		12	0	21.00	2.36	23.36	<=33.01	Pass
			6	20.95	2.36	23.31	<=33.01	Pass
			13	20.98	2.36	23.34	<=33.01	Pass
		25	0	21.02	2.36	23.38	<=33.01	Pass
	2687.5	1	0	21.85	2.36	24.21	<=33.01	Pass
			13	21.43	2.36	23.79	<=33.01	Pass
			24	21.92	2.36	24.28	<=33.01	Pass
		12	0	20.78	2.36	23.14	<=33.01	Pass
			6	20.67	2.36	23.03	<=33.01	Pass
			13	20.77	2.36	23.13	<=33.01	Pass
		25	0	20.83	2.36	23.19	<=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	24.23	2.36	26.59	<=33.01	Pass
			25	24.30	2.36	26.66	<=33.01	Pass
			49	24.20	2.36	26.56	<=33.01	Pass
		25	0	23.12	2.36	25.48	<=33.01	Pass
			13	23.13	2.36	25.49	<=33.01	Pass
			25	23.13	2.36	25.49	<=33.01	Pass
		50	0	23.16	2.36	25.52	<=33.01	Pass
	2593	1	0	23.93	2.36	26.29	<=33.01	Pass
			25	23.97	2.36	26.33	<=33.01	Pass
			49	23.90	2.36	26.26	<=33.01	Pass
		25	0	22.93	2.36	25.29	<=33.01	Pass
			13	22.95	2.36	25.31	<=33.01	Pass
			25	22.92	2.36	25.28	<=33.01	Pass
		50	0	23.01	2.36	25.37	<=33.01	Pass
	2685	1	0	23.78	2.36	26.14	<=33.01	Pass
			25	23.73	2.36	26.09	<=33.01	Pass
			49	23.81	2.36	26.17	<=33.01	Pass
		25	0	22.76	2.36	25.12	<=33.01	Pass
			13	22.79	2.36	25.15	<=33.01	Pass
			25	22.80	2.36	25.16	<=33.01	Pass
		50	0	22.80	2.36	25.16	<=33.01	Pass
16QAM	2501	1	0	23.09	2.36	25.45	<=33.01	Pass
			25	23.11	2.36	25.47	<=33.01	Pass
			49	23.31	2.36	25.67	<=33.01	Pass
		25	0	22.12	2.36	24.48	<=33.01	Pass
			13	22.09	2.36	24.45	<=33.01	Pass
			25	22.16	2.36	24.52	<=33.01	Pass
		50	0	22.10	2.36	24.46	<=33.01	Pass
	2593	1	0	22.84	2.36	25.20	<=33.01	Pass
			25	22.82	2.36	25.18	<=33.01	Pass
			49	22.81	2.36	25.17	<=33.01	Pass
		25	0	21.98	2.36	24.34	<=33.01	Pass
			13	21.99	2.36	24.35	<=33.01	Pass
			25	21.96	2.36	24.32	<=33.01	Pass
		50	0	21.93	2.36	24.29	<=33.01	Pass
	2685	1	0	22.41	2.36	24.77	<=33.01	Pass

		25	25	22.59	2.36	24.95	<=33.01	Pass	
			49	22.48	2.36	24.84	<=33.01	Pass	
			25	0	21.62	2.36	23.98	<=33.01	Pass
				13	21.72	2.36	24.08	<=33.01	Pass
				25	21.64	2.36	24.00	<=33.01	Pass
			50	0	21.69	2.36	24.05	<=33.01	Pass
64QAM	2501	1	0	21.67	2.36	24.03	<=33.01	Pass	
			25	22.24	2.36	24.60	<=33.01	Pass	
			49	21.73	2.36	24.09	<=33.01	Pass	
		25	0	21.09	2.36	23.45	<=33.01	Pass	
			13	21.12	2.36	23.48	<=33.01	Pass	
			25	21.15	2.36	23.51	<=33.01	Pass	
	50	0	21.17	2.36	23.53	<=33.01	Pass		
	2593	1	0	22.28	2.36	24.64	<=33.01	Pass	
			25	22.11	2.36	24.47	<=33.01	Pass	
			49	22.27	2.36	24.63	<=33.01	Pass	
		25	0	20.86	2.36	23.22	<=33.01	Pass	
			13	20.91	2.36	23.27	<=33.01	Pass	
			25	20.88	2.36	23.24	<=33.01	Pass	
	50	0	20.88	2.36	23.24	<=33.01	Pass		
	2685	1	0	21.51	2.36	23.87	<=33.01	Pass	
			25	21.79	2.36	24.15	<=33.01	Pass	
			49	21.56	2.36	23.92	<=33.01	Pass	
		25	0	20.58	2.36	22.94	<=33.01	Pass	
			13	20.73	2.36	23.09	<=33.01	Pass	
			25	20.79	2.36	23.15	<=33.01	Pass	
	50	0	20.67	2.36	23.03	<=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	24.33	2.36	26.69	<=33.01	Pass
			38	24.28	2.36	26.64	<=33.01	Pass
			74	24.22	2.36	26.58	<=33.01	Pass
		36	0	23.13	2.36	25.49	<=33.01	Pass
			18	23.09	2.36	25.45	<=33.01	Pass
			39	23.08	2.36	25.44	<=33.01	Pass
		75	0	23.11	2.36	25.47	<=33.01	Pass
	2593	1	0	24.06	2.36	26.42	<=33.01	Pass
			38	24.07	2.36	26.43	<=33.01	Pass
			74	24.00	2.36	26.36	<=33.01	Pass
		36	0	23.02	2.36	25.38	<=33.01	Pass
			18	23.00	2.36	25.36	<=33.01	Pass
			39	22.98	2.36	25.34	<=33.01	Pass
		75	0	23.04	2.36	25.40	<=33.01	Pass
	2682.5	1	0	23.83	2.36	26.19	<=33.01	Pass
			38	23.66	2.36	26.02	<=33.01	Pass
			74	23.74	2.36	26.10	<=33.01	Pass
		36	0	22.70	2.36	25.06	<=33.01	Pass
			18	22.70	2.36	25.06	<=33.01	Pass
			39	22.75	2.36	25.11	<=33.01	Pass
		75	0	22.70	2.36	25.06	<=33.01	Pass
16QAM	2503.5	1	0	23.27	2.36	25.63	<=33.01	Pass
			38	23.22	2.36	25.58	<=33.01	Pass

		36	74	23.19	2.36	25.55	<=33.01	Pass	
			0	22.14	2.36	24.50	<=33.01	Pass	
				18	22.10	2.36	24.46	<=33.01	Pass
			39	22.15	2.36	24.51	<=33.01	Pass	
		75	0	22.16	2.36	24.52	<=33.01	Pass	
	2593	1	0	22.88	2.36	25.24	<=33.01	Pass	
			38	22.90	2.36	25.26	<=33.01	Pass	
			74	22.89	2.36	25.25	<=33.01	Pass	
		36	0	22.03	2.36	24.39	<=33.01	Pass	
			18	21.94	2.36	24.30	<=33.01	Pass	
			39	21.99	2.36	24.35	<=33.01	Pass	
		75	0	22.06	2.36	24.42	<=33.01	Pass	
	2682.5	1	0	22.54	2.36	24.90	<=33.01	Pass	
			38	22.64	2.36	25.00	<=33.01	Pass	
			74	22.58	2.36	24.94	<=33.01	Pass	
		36	0	21.80	2.36	24.16	<=33.01	Pass	
			18	21.70	2.36	24.06	<=33.01	Pass	
			39	21.83	2.36	24.19	<=33.01	Pass	
		75	0	21.85	2.36	24.21	<=33.01	Pass	
	64QAM	2503.5	1	0	22.47	2.36	24.83	<=33.01	Pass
				38	22.42	2.36	24.78	<=33.01	Pass
74				21.97	2.36	24.33	<=33.01	Pass	
36			0	21.18	2.36	23.54	<=33.01	Pass	
			18	21.24	2.36	23.60	<=33.01	Pass	
			39	21.22	2.36	23.58	<=33.01	Pass	
75			0	21.21	2.36	23.57	<=33.01	Pass	
2593		1	0	22.35	2.36	24.71	<=33.01	Pass	
			38	22.23	2.36	24.59	<=33.01	Pass	
			74	22.25	2.36	24.61	<=33.01	Pass	
		36	0	20.95	2.36	23.31	<=33.01	Pass	
			18	20.98	2.36	23.34	<=33.01	Pass	
			39	20.97	2.36	23.33	<=33.01	Pass	
		75	0	20.96	2.36	23.32	<=33.01	Pass	
2682.5		1	0	21.77	2.36	24.13	<=33.01	Pass	
			38	21.98	2.36	24.34	<=33.01	Pass	
			74	21.93	2.36	24.29	<=33.01	Pass	
		36	0	20.83	2.36	23.19	<=33.01	Pass	
			18	20.77	2.36	23.13	<=33.01	Pass	
			39	20.78	2.36	23.14	<=33.01	Pass	
		75	0	20.85	2.36	23.21	<=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	24.33	2.36	26.69	<=33.01	Pass
			50	24.20	2.36	26.56	<=33.01	Pass
			99	24.30	2.36	26.66	<=33.01	Pass
		50	0	23.18	2.36	25.54	<=33.01	Pass
			25	23.24	2.36	25.60	<=33.01	Pass
			50	23.21	2.36	25.57	<=33.01	Pass
		100	0	23.26	2.36	25.62	<=33.01	Pass
	2593	1	0	24.04	2.36	26.40	<=33.01	Pass
			50	24.00	2.36	26.36	<=33.01	Pass
			99	24.11	2.36	26.47	<=33.01	Pass

		50	0	23.07	2.36	25.43	<=33.01	Pass		
			25	23.09	2.36	25.45	<=33.01	Pass		
			50	23.06	2.36	25.42	<=33.01	Pass		
		100	0	23.08	2.36	25.44	<=33.01	Pass		
			50	23.87	2.36	26.23	<=33.01	Pass		
			99	23.85	2.36	26.21	<=33.01	Pass		
	50	0	22.86	2.36	25.22	<=33.01	Pass			
		25	22.87	2.36	25.23	<=33.01	Pass			
		50	22.79	2.36	25.15	<=33.01	Pass			
	100	0	22.87	2.36	25.23	<=33.01	Pass			
	16QAM	2506	1	0	23.27	2.36	25.63	<=33.01	Pass	
				50	23.54	2.36	25.90	<=33.01	Pass	
99				23.22	2.36	25.58	<=33.01	Pass		
50			0	22.19	2.36	24.55	<=33.01	Pass		
			25	22.18	2.36	24.54	<=33.01	Pass		
			50	22.22	2.36	24.58	<=33.01	Pass		
100			0	22.22	2.36	24.58	<=33.01	Pass		
2593			1	0	23.04	2.36	25.40	<=33.01	Pass	
				50	23.19	2.36	25.55	<=33.01	Pass	
		99		22.94	2.36	25.30	<=33.01	Pass		
		50	0	22.14	2.36	24.50	<=33.01	Pass		
			25	22.01	2.36	24.37	<=33.01	Pass		
			50	22.08	2.36	24.44	<=33.01	Pass		
		100	0	22.06	2.36	24.42	<=33.01	Pass		
		2680	1	0	22.91	2.36	25.27	<=33.01	Pass	
				50	22.93	2.36	25.29	<=33.01	Pass	
99				23.03	2.36	25.39	<=33.01	Pass		
50			0	21.78	2.36	24.14	<=33.01	Pass		
			25	21.77	2.36	24.13	<=33.01	Pass		
			50	21.81	2.36	24.17	<=33.01	Pass		
100			0	21.78	2.36	24.14	<=33.01	Pass		
64QAM			2506	1	0	22.22	2.36	24.58	<=33.01	Pass
					50	22.39	2.36	24.75	<=33.01	Pass
		99			21.94	2.36	24.30	<=33.01	Pass	
		50		0	21.18	2.36	23.54	<=33.01	Pass	
				25	21.31	2.36	23.67	<=33.01	Pass	
				50	21.22	2.36	23.58	<=33.01	Pass	
		100		0	21.19	2.36	23.55	<=33.01	Pass	
		2593		1	0	21.75	2.36	24.11	<=33.01	Pass
					50	21.67	2.36	24.03	<=33.01	Pass
			99		21.89	2.36	24.25	<=33.01	Pass	
			50	0	21.06	2.36	23.42	<=33.01	Pass	
				25	21.06	2.36	23.42	<=33.01	Pass	
				50	21.05	2.36	23.41	<=33.01	Pass	
		100	0	20.99	2.36	23.35	<=33.01	Pass		
		2680	1	0	21.58	2.36	23.94	<=33.01	Pass	
	50			21.79	2.36	24.15	<=33.01	Pass		
	99			22.08	2.36	24.44	<=33.01	Pass		
	50		0	20.88	2.36	23.24	<=33.01	Pass		
			25	20.89	2.36	23.25	<=33.01	Pass		
			50	20.89	2.36	23.25	<=33.01	Pass		
	100		0	20.85	2.36	23.21	<=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 (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2593	50	0	20	3.6	-3.433	-0.0013	-2.5 to 2.5	Pass
					3.85	-5.808	-0.0022	-2.5 to 2.5	Pass
					4.3	-1.488	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-8.383	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-3.819	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.260	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-5.379	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-3.133	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-4.320	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-6.180	-0.0024	-2.5 to 2.5	Pass
				50	3.85	1.044	0.0004	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

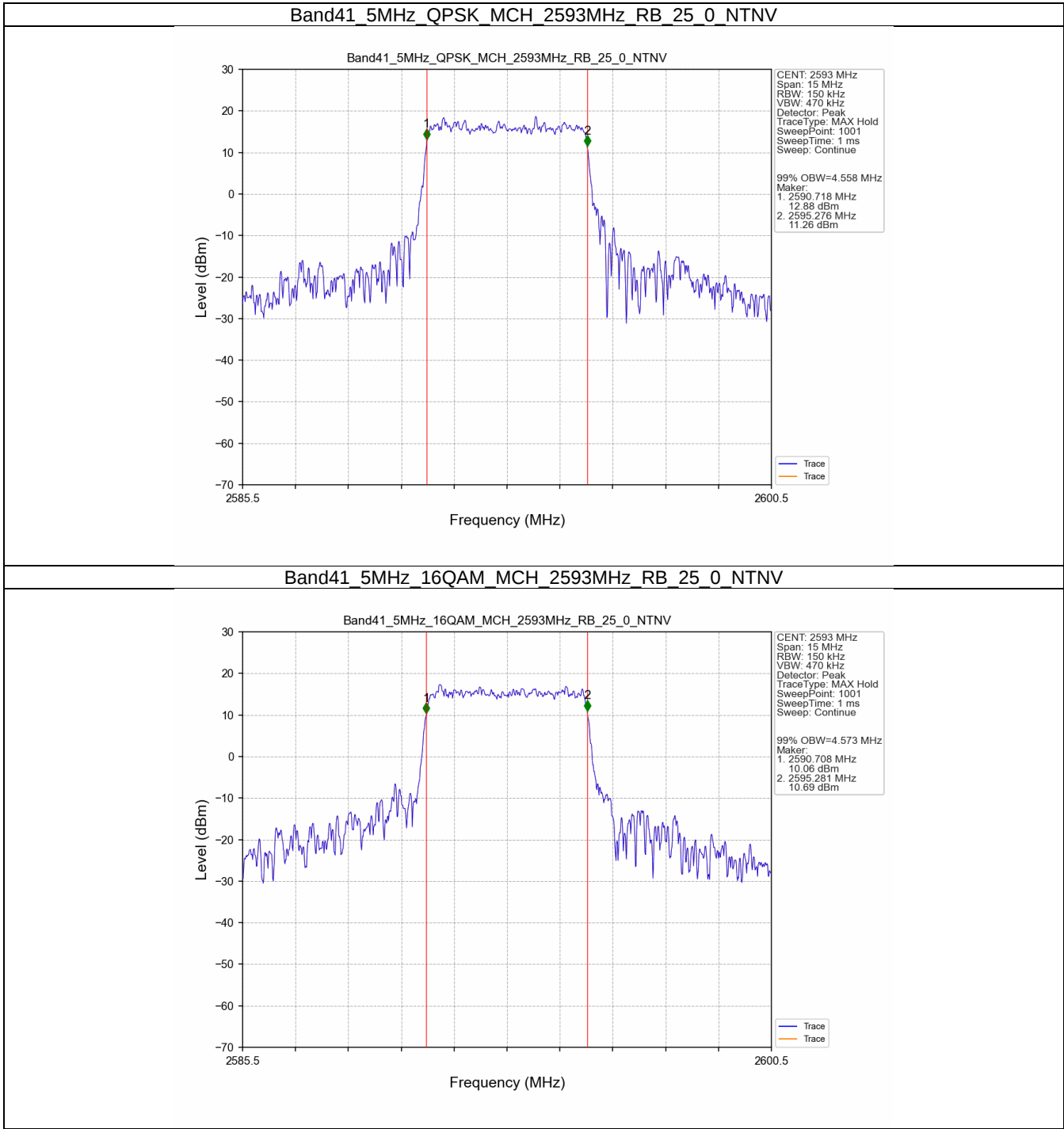
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.558	/	Pass
	16QAM	2593	25	0	4.573	/	Pass
10	QPSK	2593	50	0	9.102	/	Pass
	16QAM	2593	50	0	9.252	/	Pass
15	QPSK	2593	75	0	13.682	/	Pass
	16QAM	2593	75	0	14.832	/	Pass
20	QPSK	2593	100	0	18.700	/	Pass
	16QAM	2593	100	0	18.417	/	Pass

3.1.2 Band41_XDB

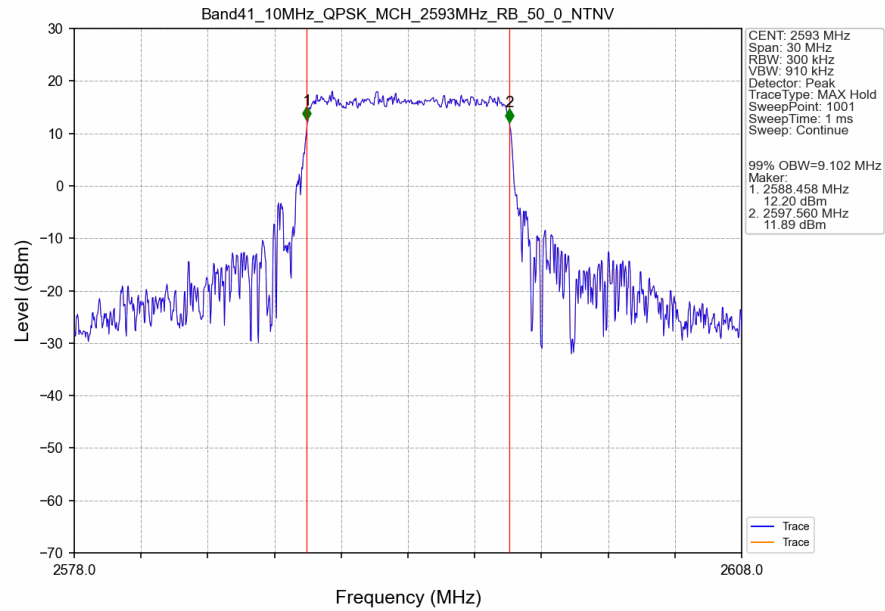
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.297	/	Pass
	16QAM	2593	25	0	5.891	/	Pass
10	QPSK	2593	50	0	11.435	/	Pass
	16QAM	2593	50	0	16.227	/	Pass
15	QPSK	2593	75	0	21.487	/	Pass
	16QAM	2593	75	0	32.094	/	Pass
20	QPSK	2593	100	0	32.780	/	Pass
	16QAM	2593	100	0	38.148	/	Pass

3.2 Test Graph

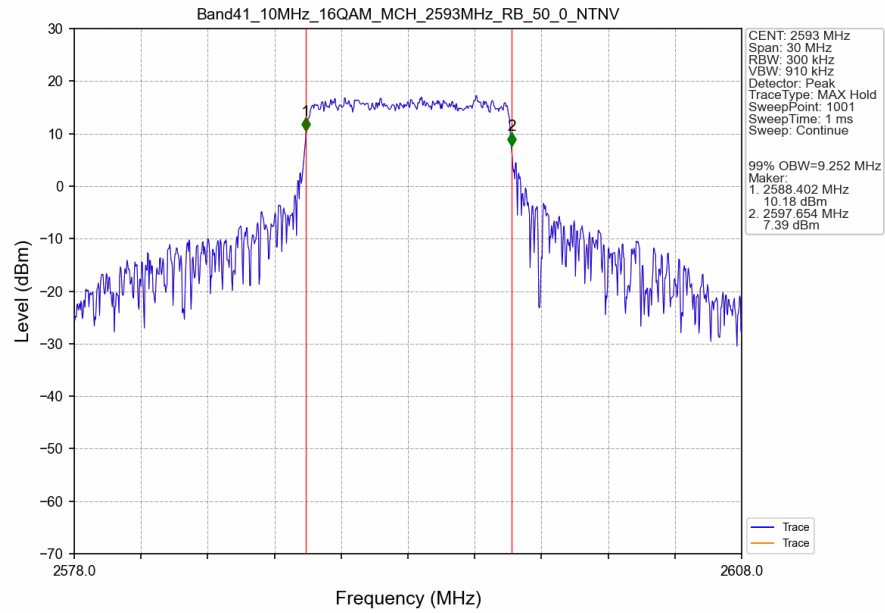
3.2.1 Band41_OBW



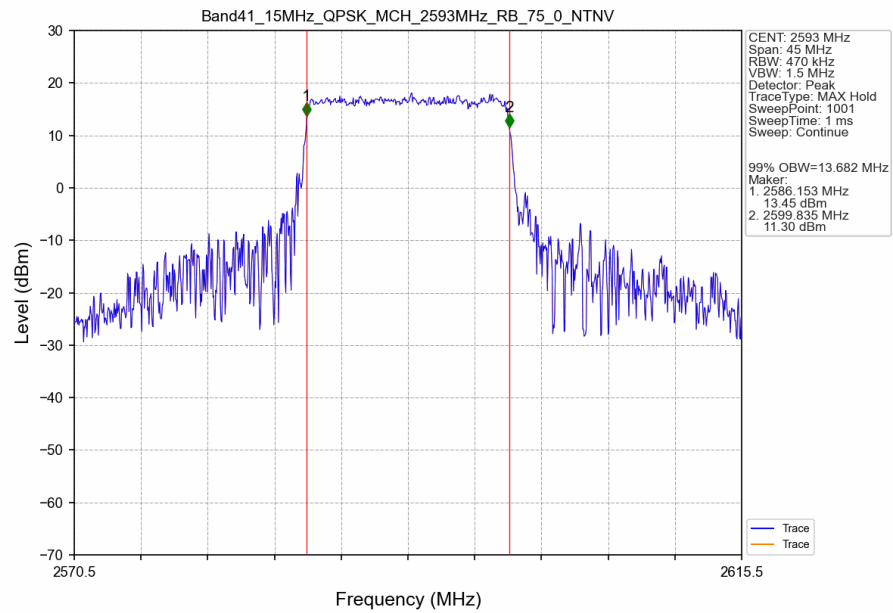
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTV



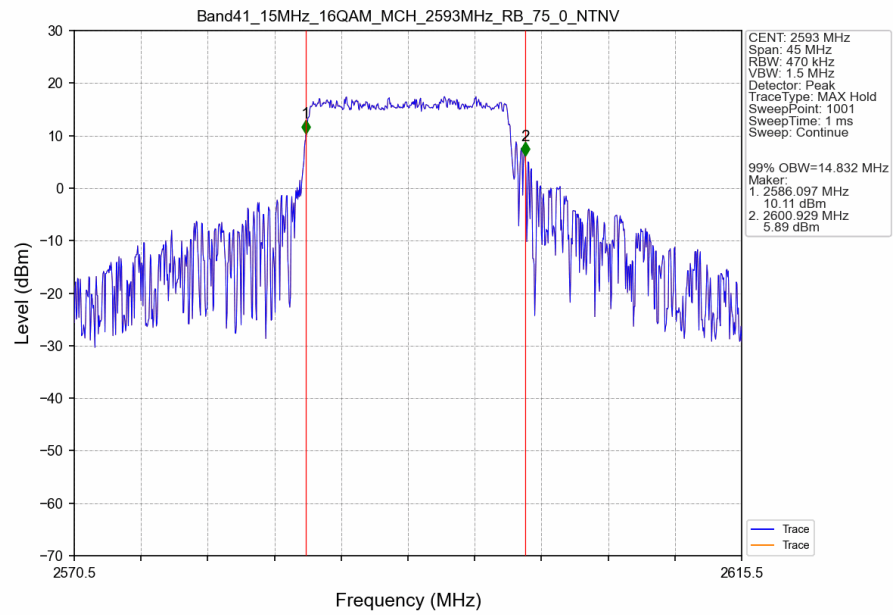
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTV



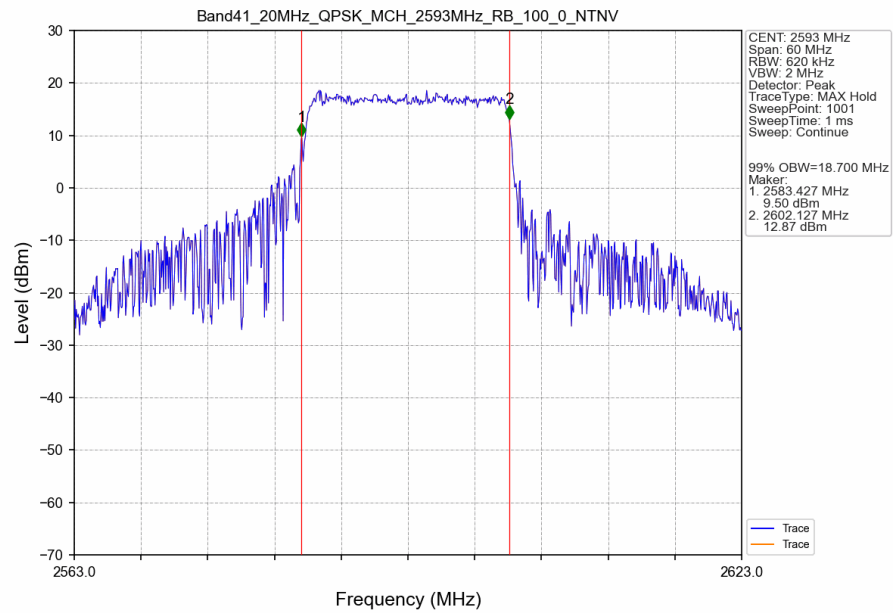
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTV



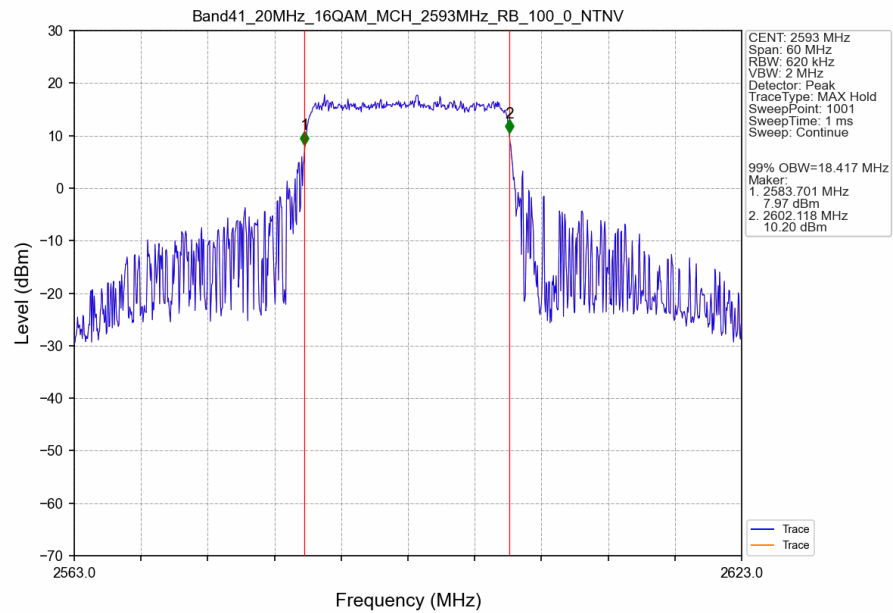
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTV



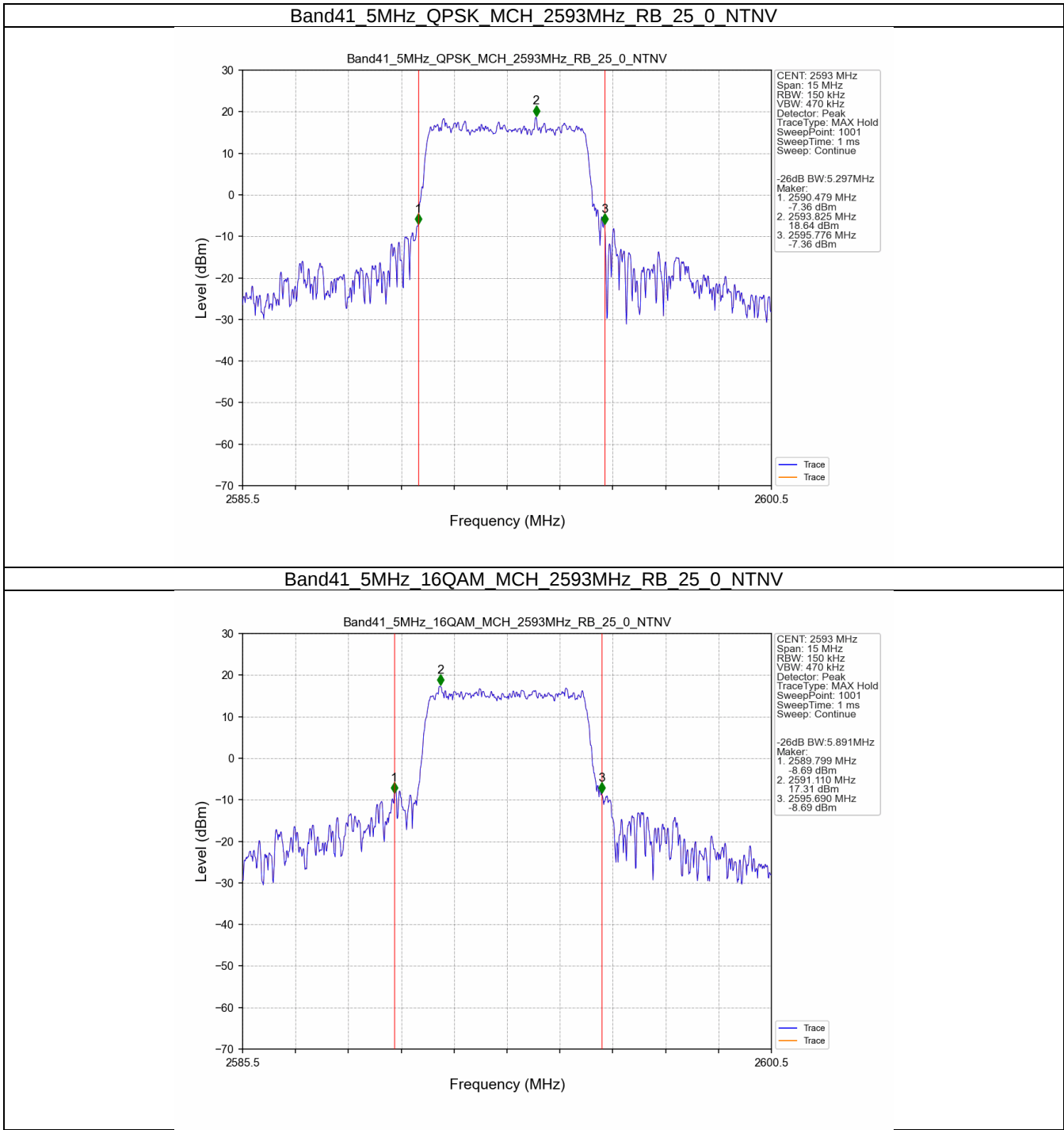
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV



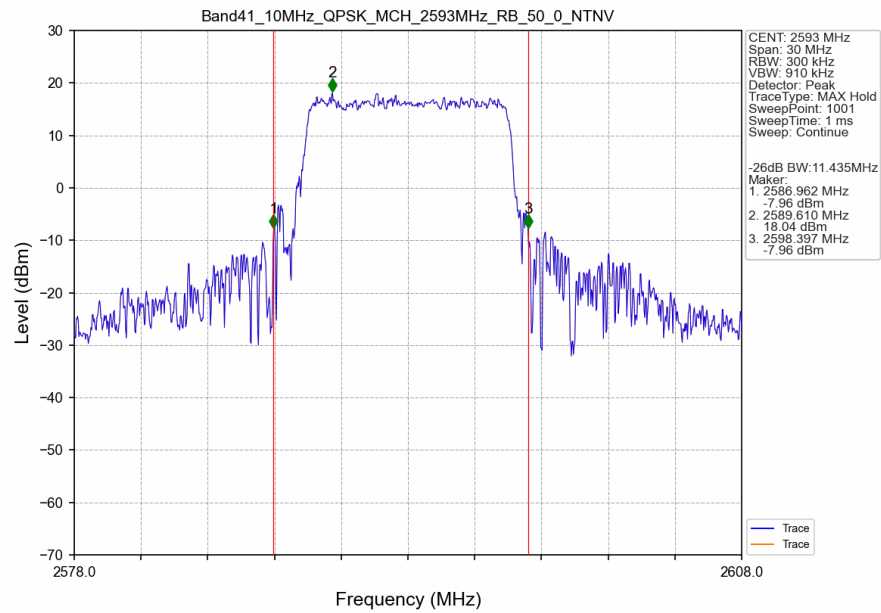
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTV



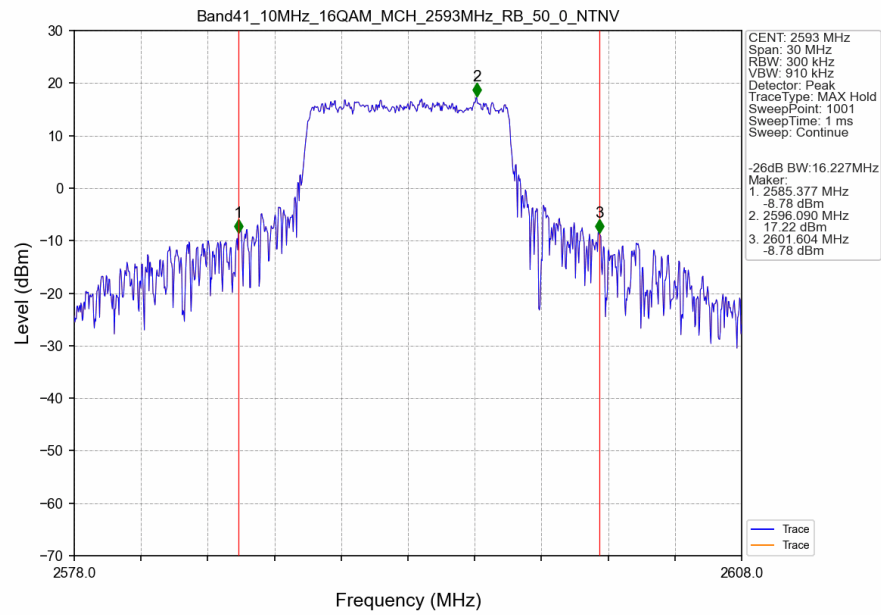
3.2.2 Band41_XDB



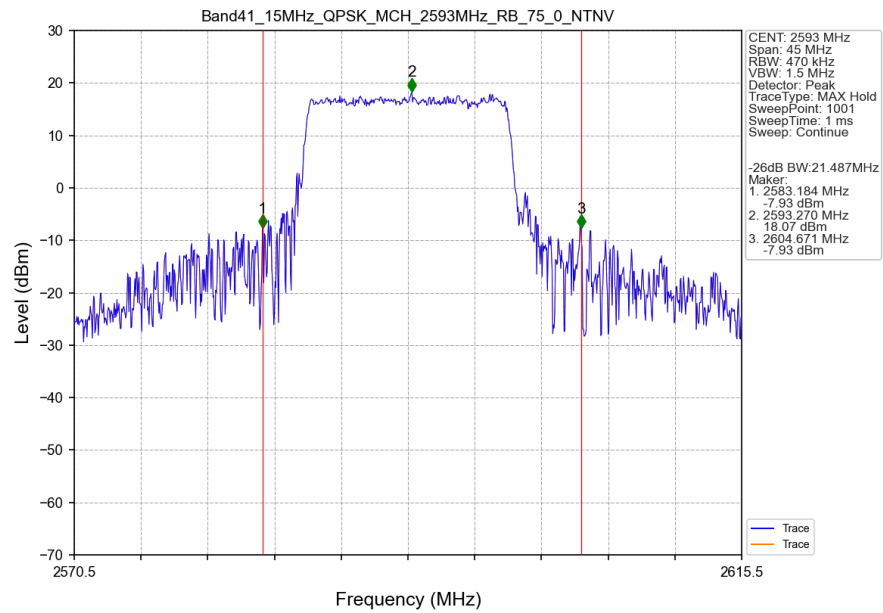
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTNV



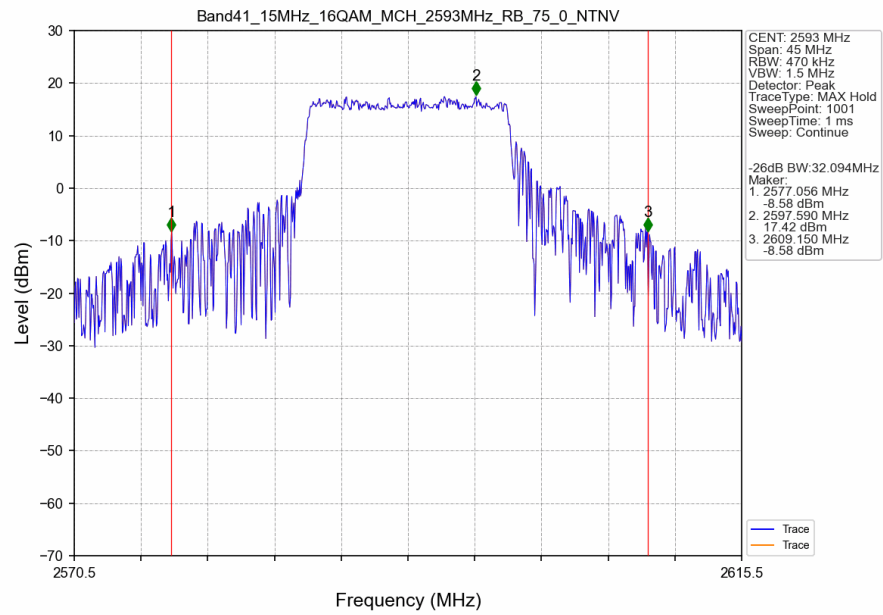
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



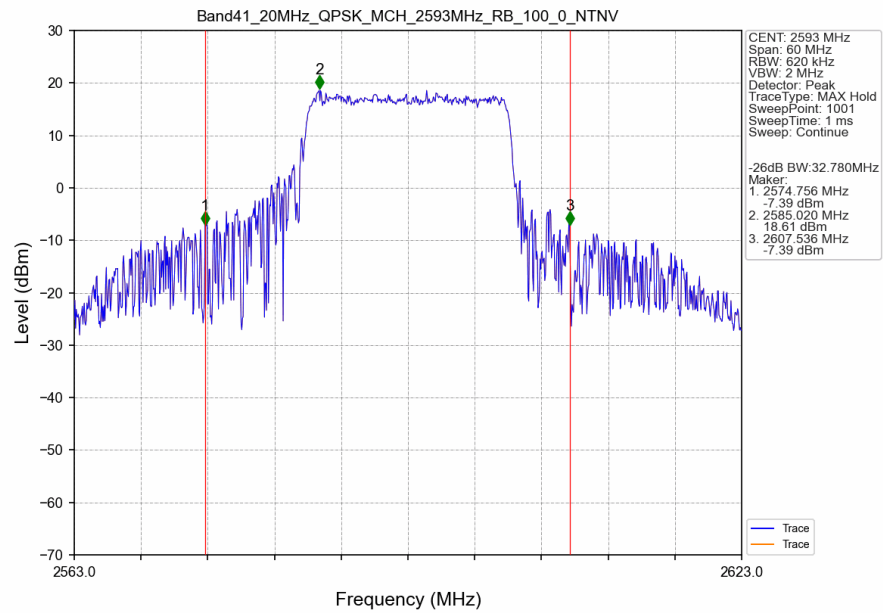
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



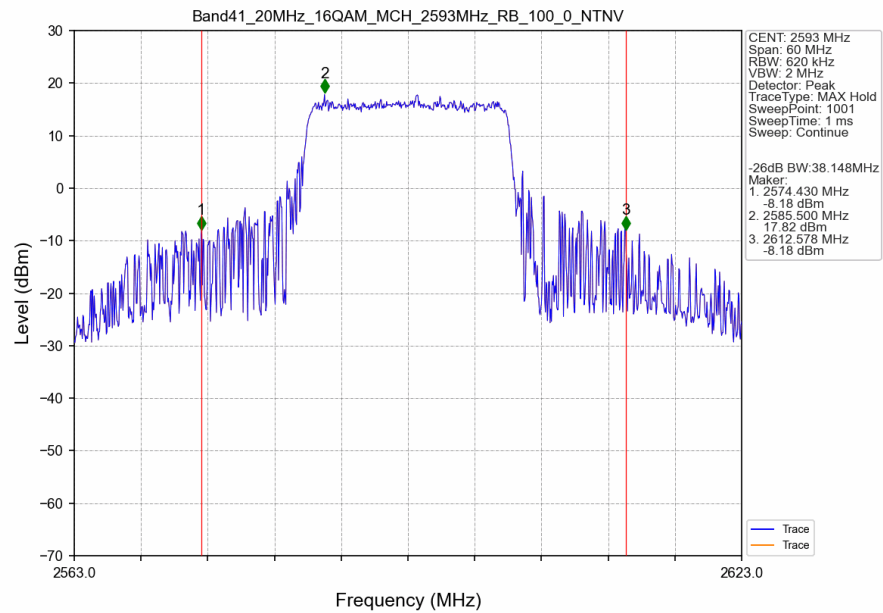
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV



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



4. Peak-Average Ratio

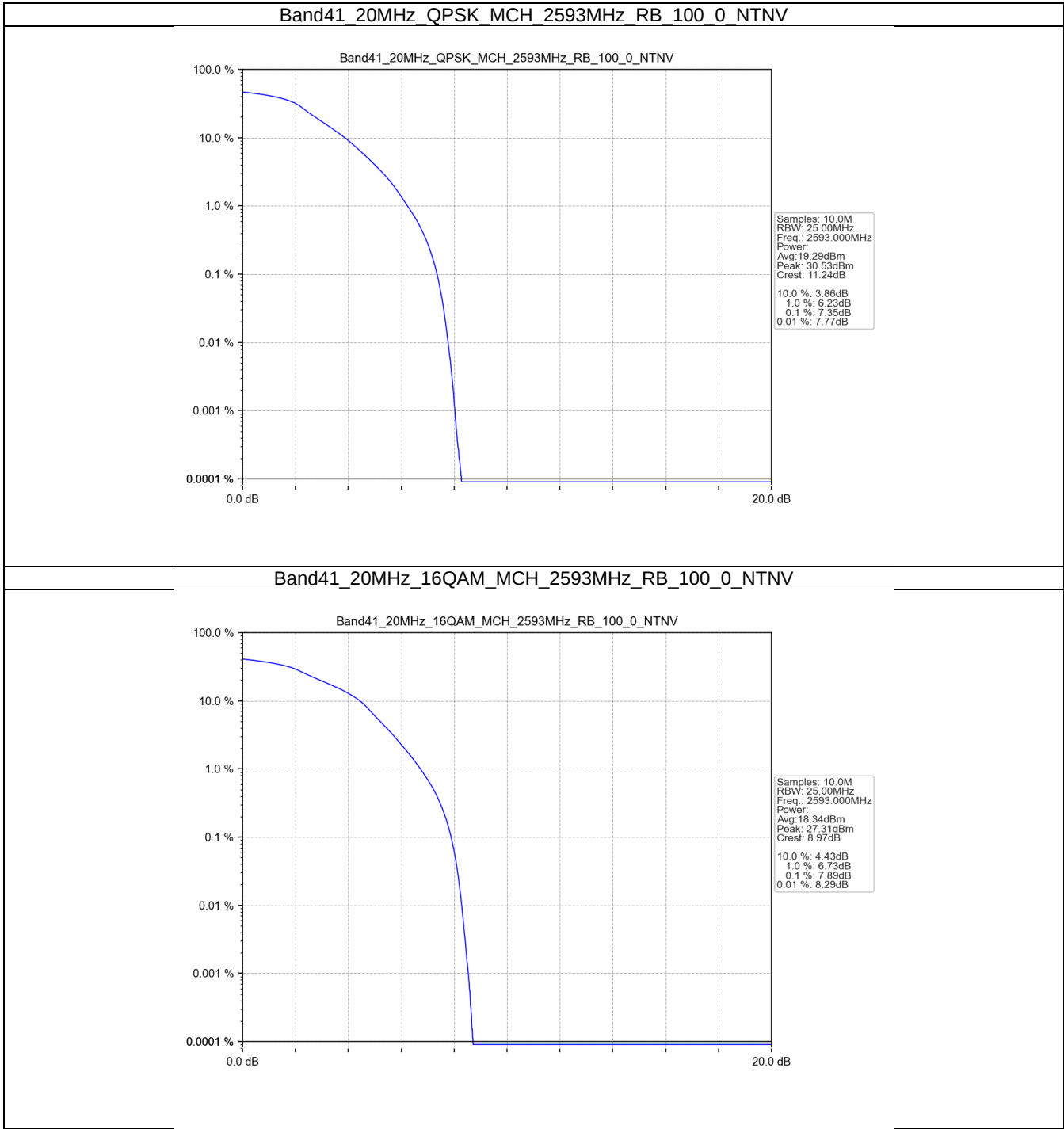
4.1 Test Result

4.1.1 B41_20MHz

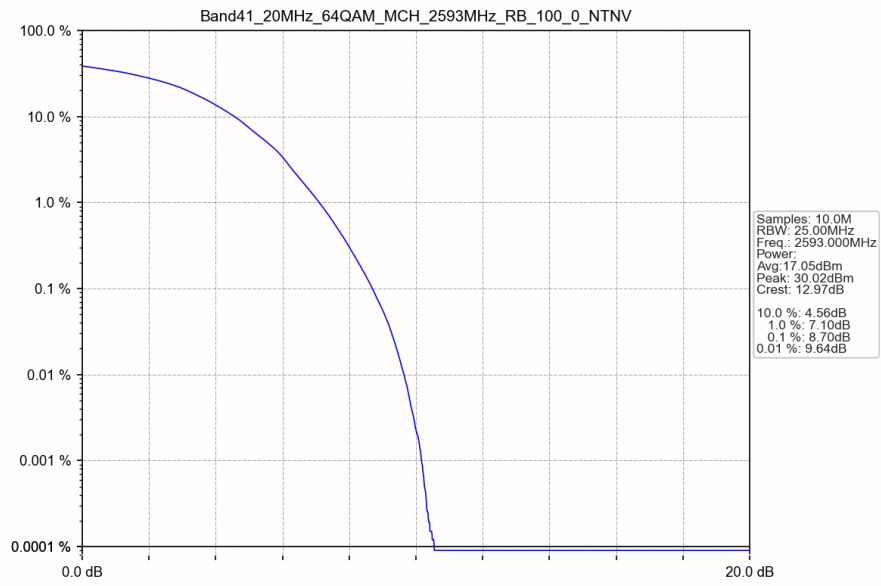
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	7.35	<=13	Pass
16QAM	2593	100	0	7.89	<=13	Pass
64QAM	2593	100	0	8.70	<=13	Pass

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 / 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		Pass
			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		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B41_15MHz

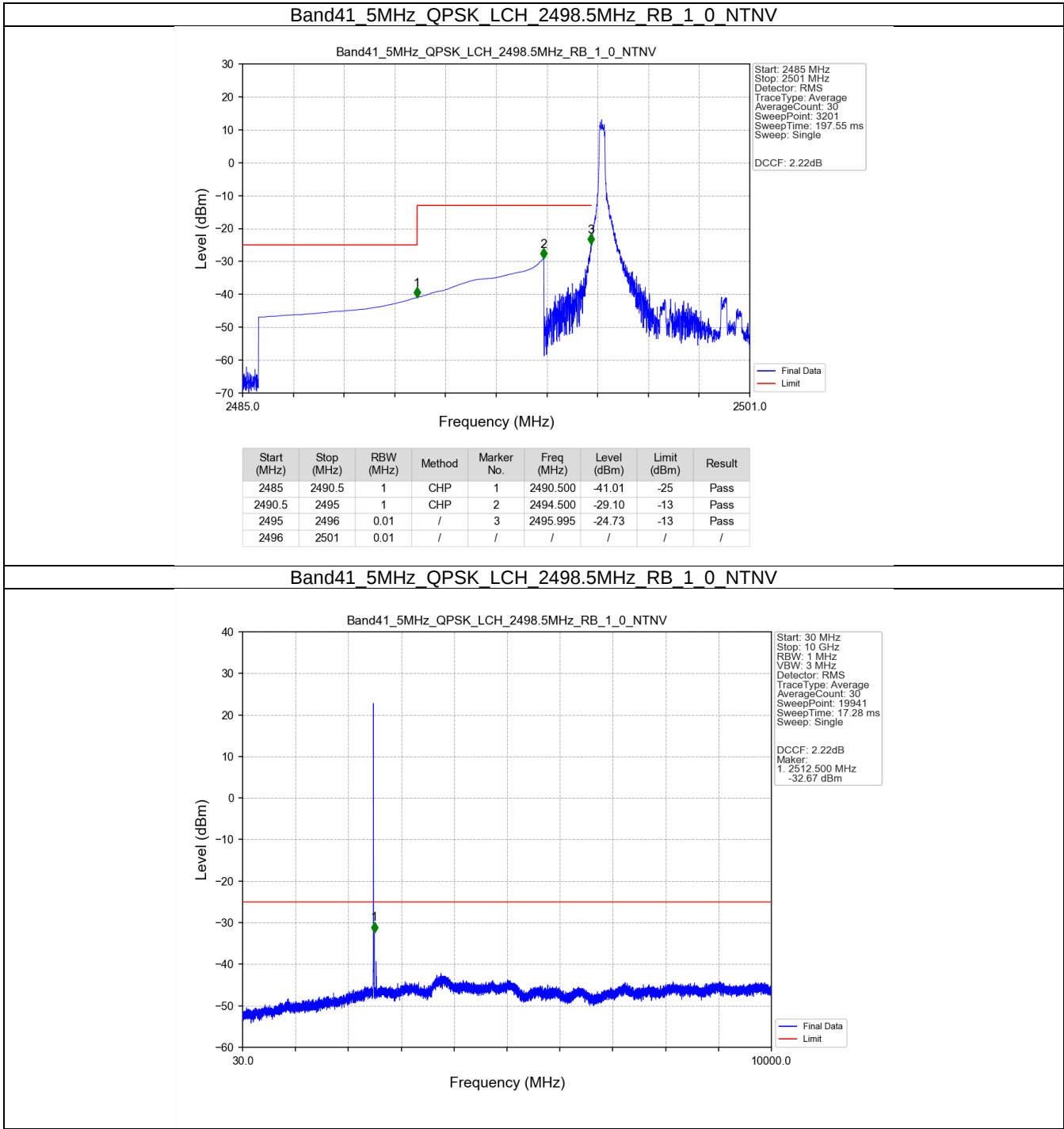
Band: 41 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B41_20MHz

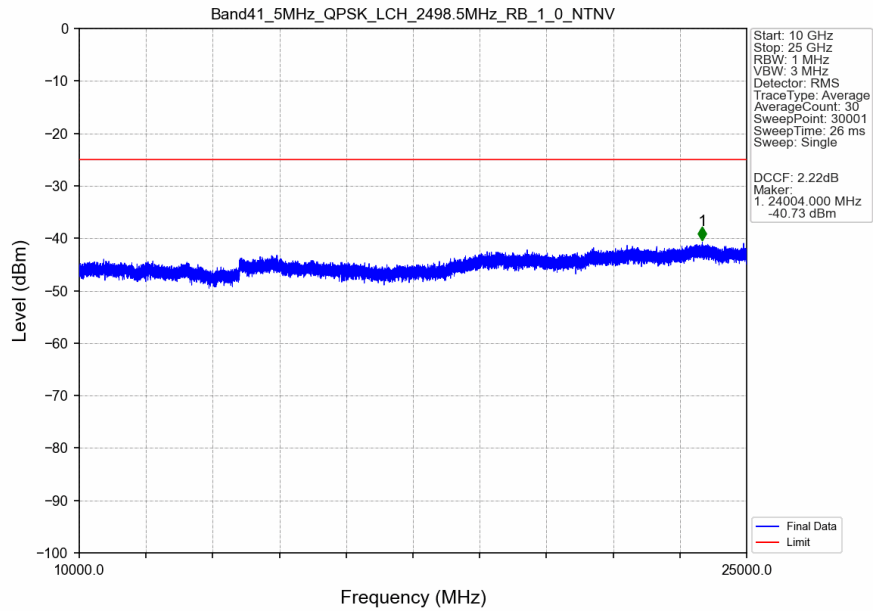
Band: 41 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

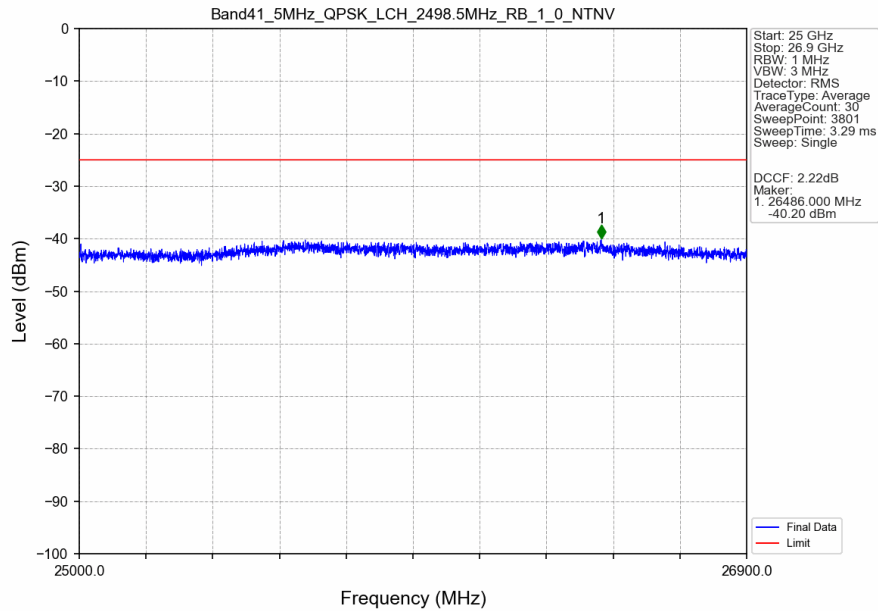
5.2.1 B41_5MHz



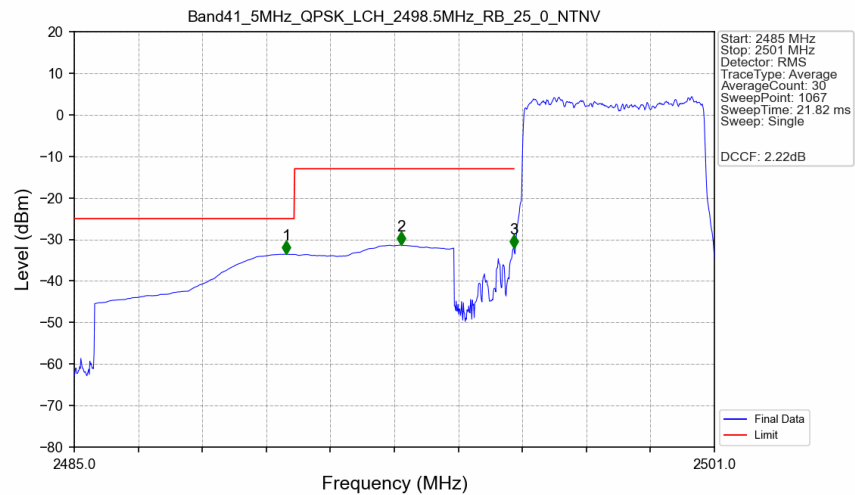
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV



Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV

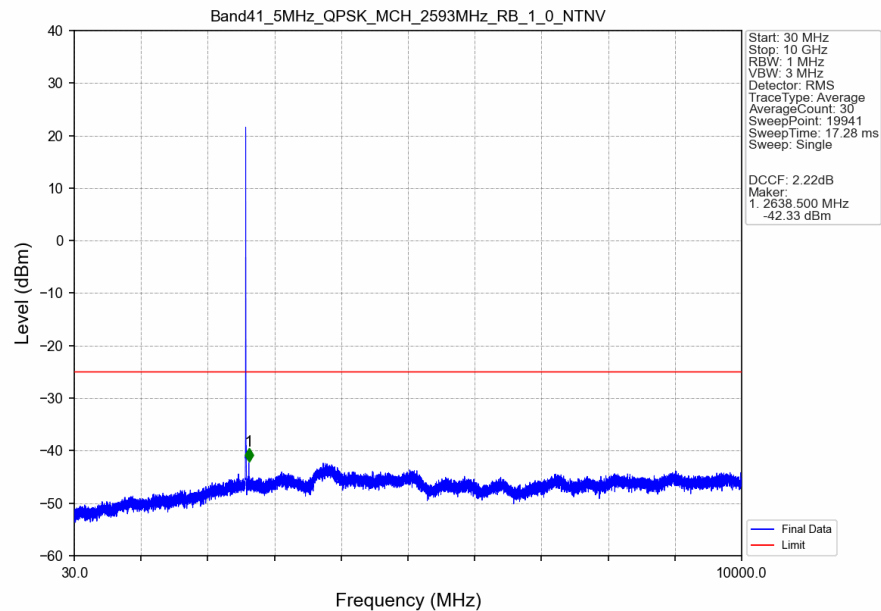


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

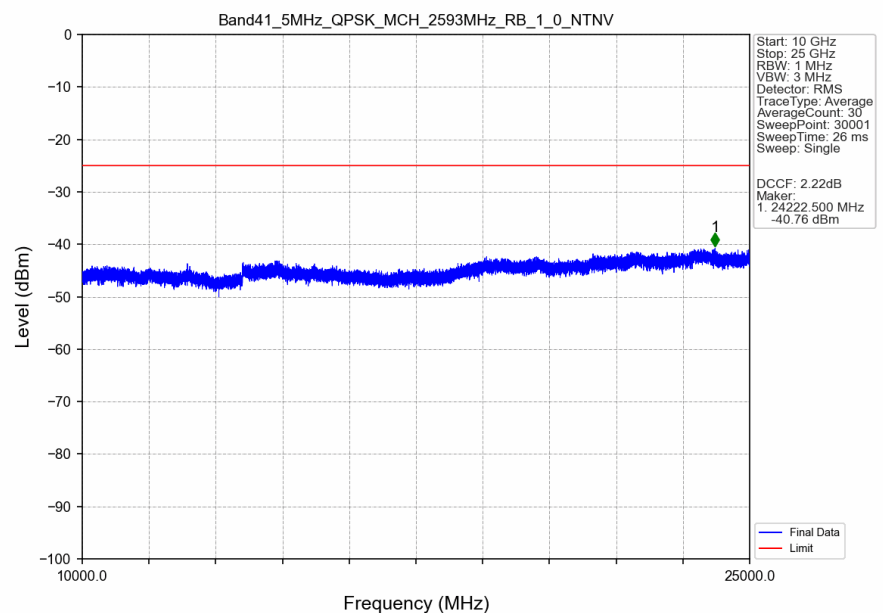


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.298	-33.54	-25	Pass
2490.5	2495	1	CHP	2	2493.165	-31.32	-13	Pass
2495	2496	0.053	CHP	3	2495.987	-32.06	-13	Pass
2496	2501	0.053	CHP	/	/	/	/	/

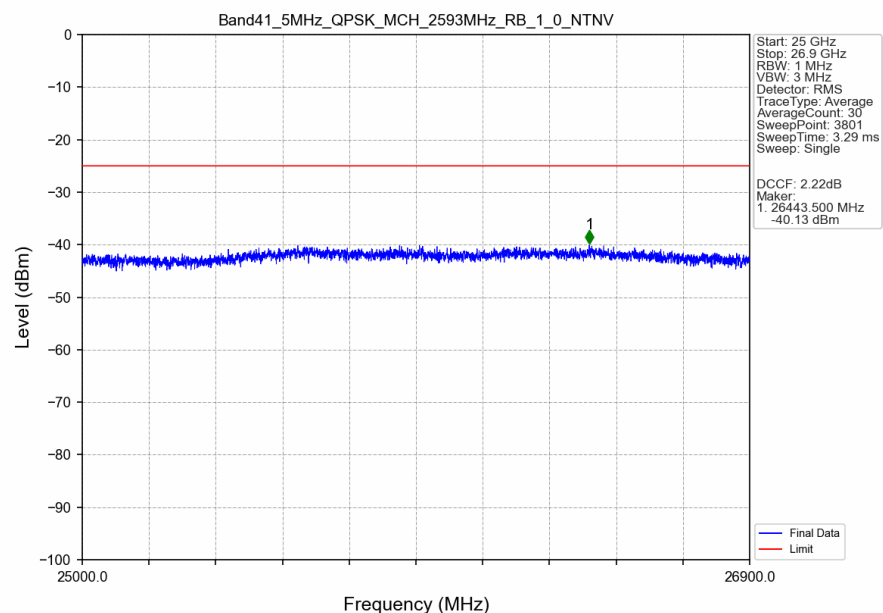
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



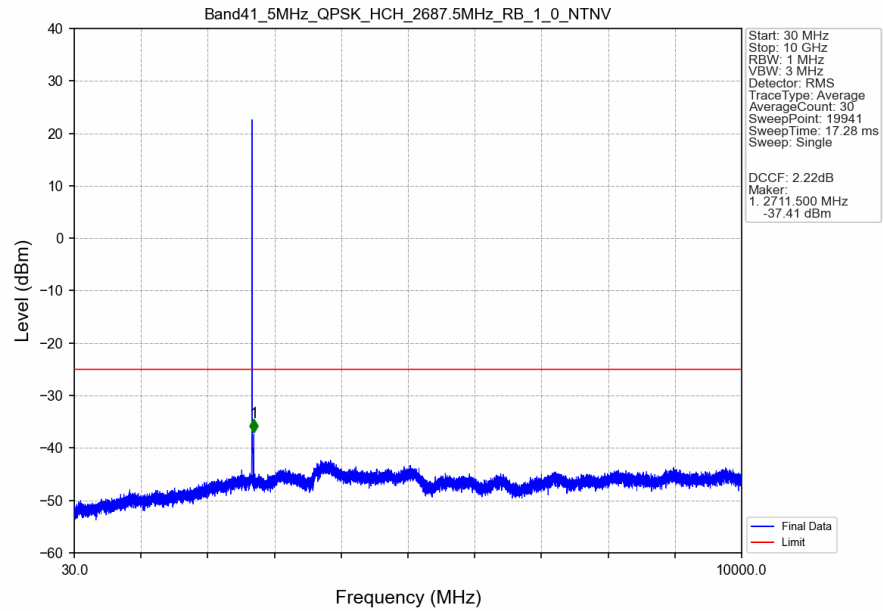
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



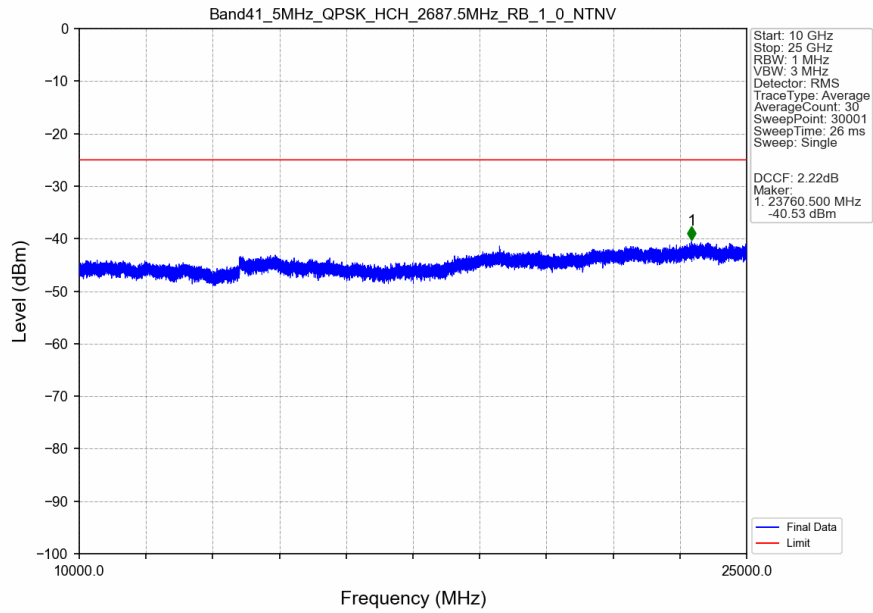
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



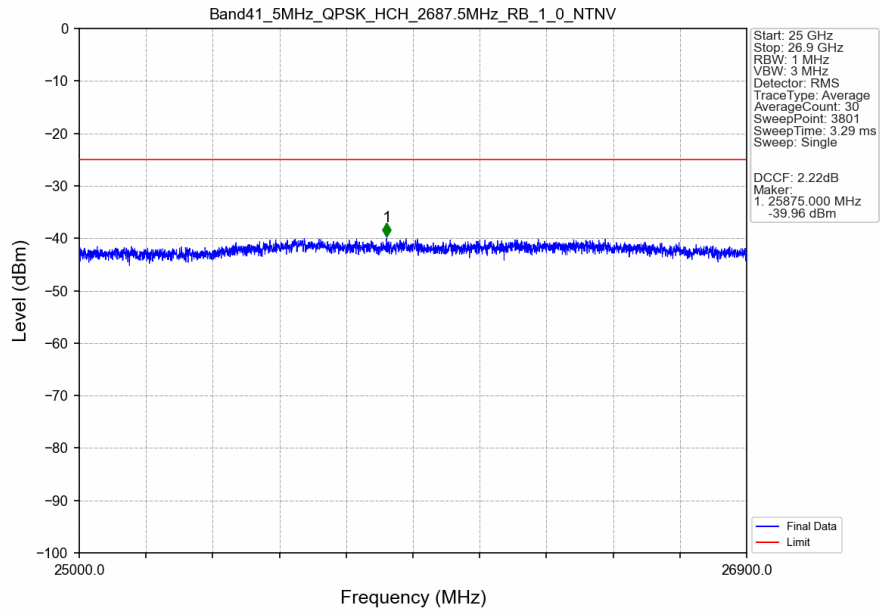
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



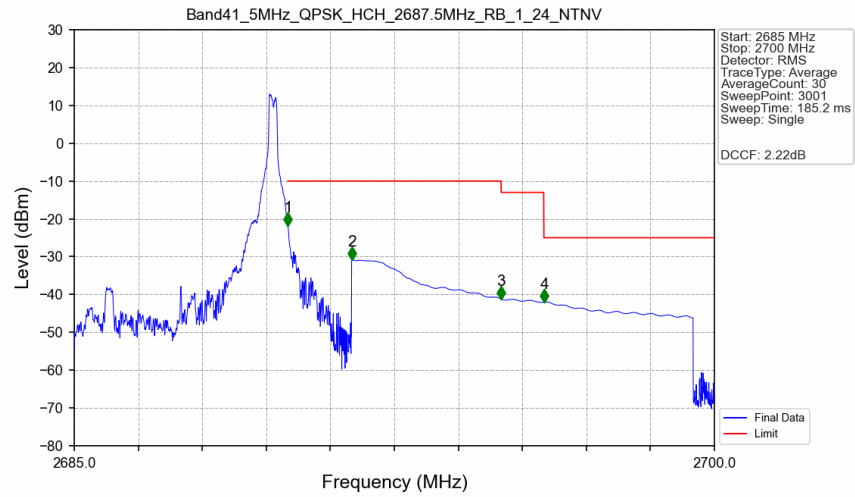
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV

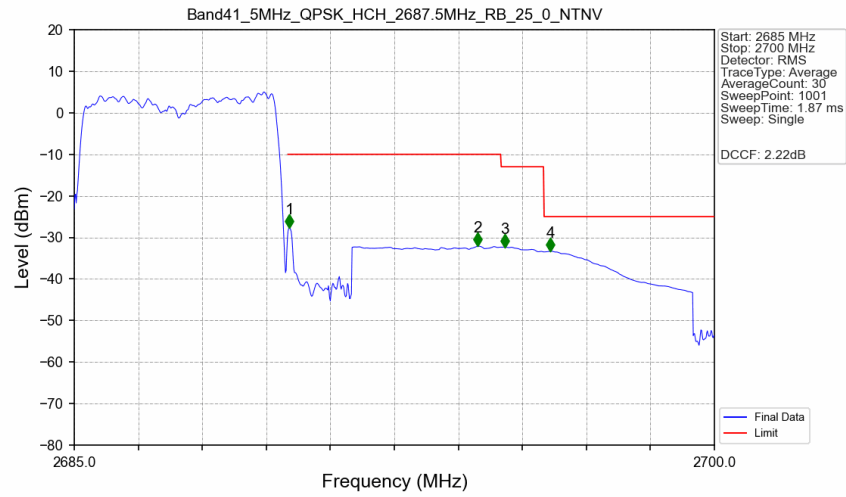


Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTV



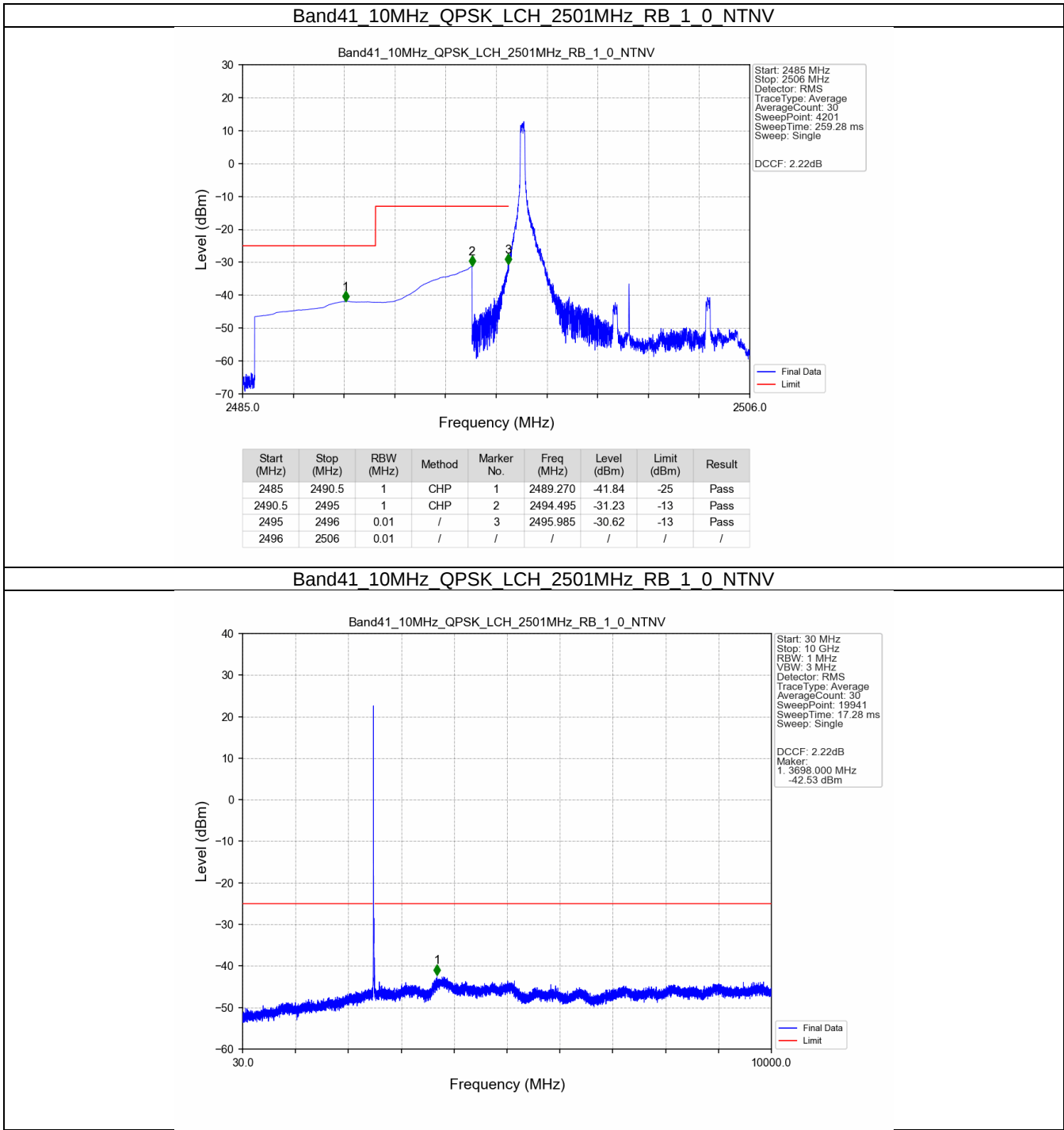
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-21.91	-10	Pass
2691	2695	1	CHP	2	2691.505	-30.90	-10	Pass
2695	2696	1	CHP	3	2695.005	-41.23	-13	Pass
2696	2700	1	CHP	4	2696.015	-41.99	-25	Pass

Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTN

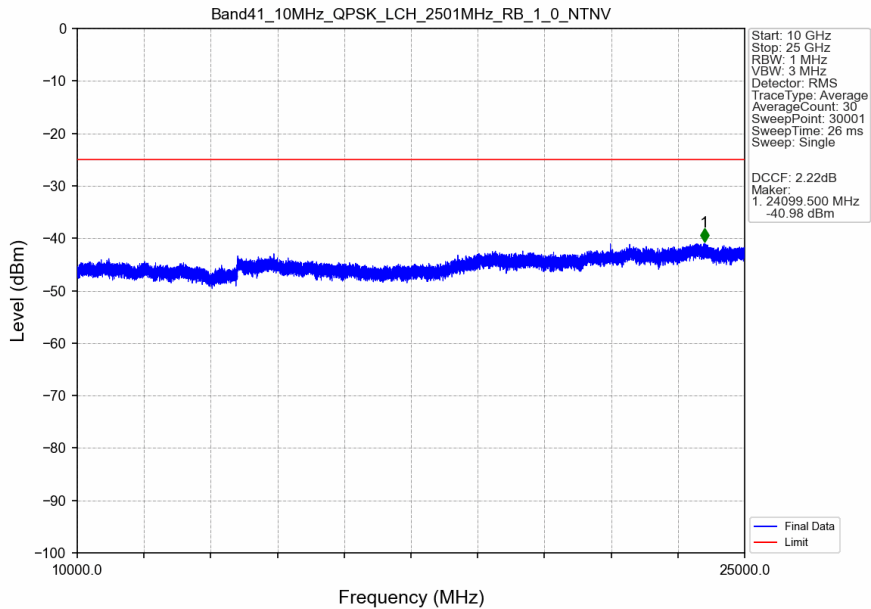


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.106	CHP	/	/	/	/	/
2690	2691	0.106	CHP	1	2690.040	-27.71	-10	Pass
2691	2695	1	CHP	2	2694.450	-32.12	-13	Pass
2695	2696	1	CHP	3	2695.080	-32.33	-13	Pass
2696	2700	1	CHP	4	2696.160	-33.32	-25	Pass

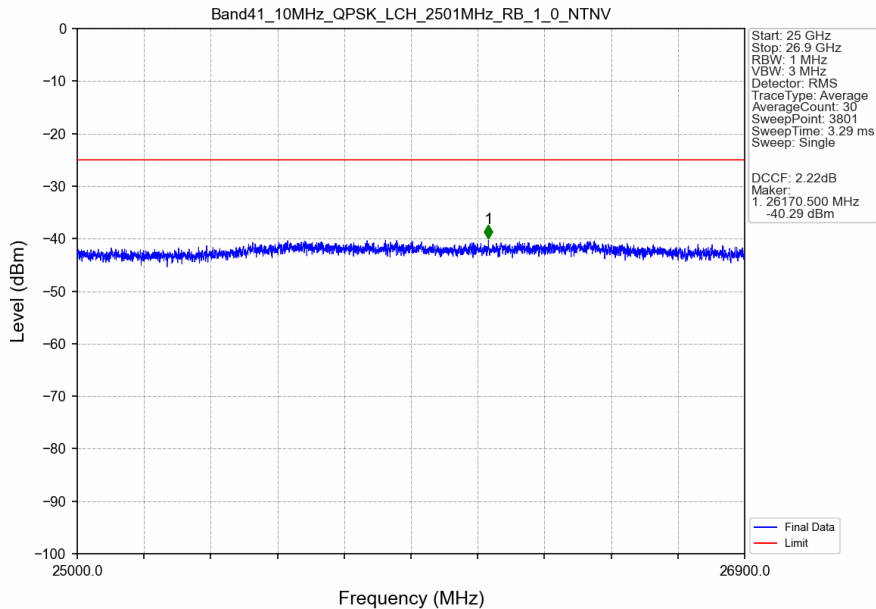
5.2.2 B41_10MHz



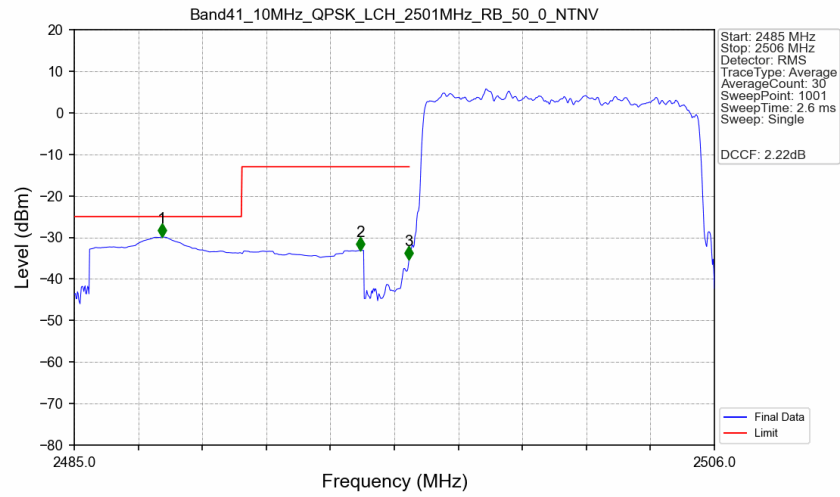
Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTNV



Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTNV

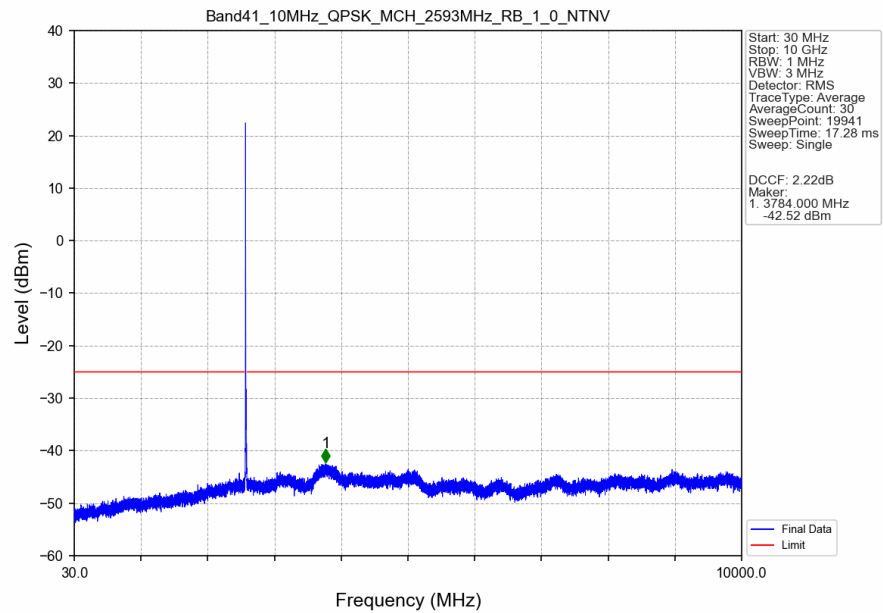


Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTV

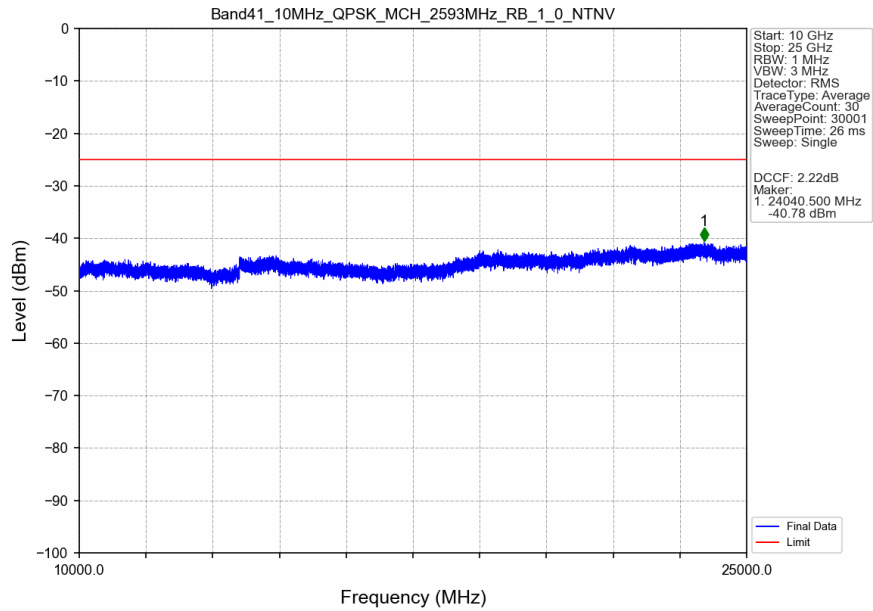


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.877	-29.90	-25	Pass
2490.5	2495	1	CHP	2	2494.387	-33.08	-13	Pass
2495	2496	0.114	CHP	3	2495.983	-35.34	-13	Pass
2496	2506	0.114	CHP	/	/	/	/	/

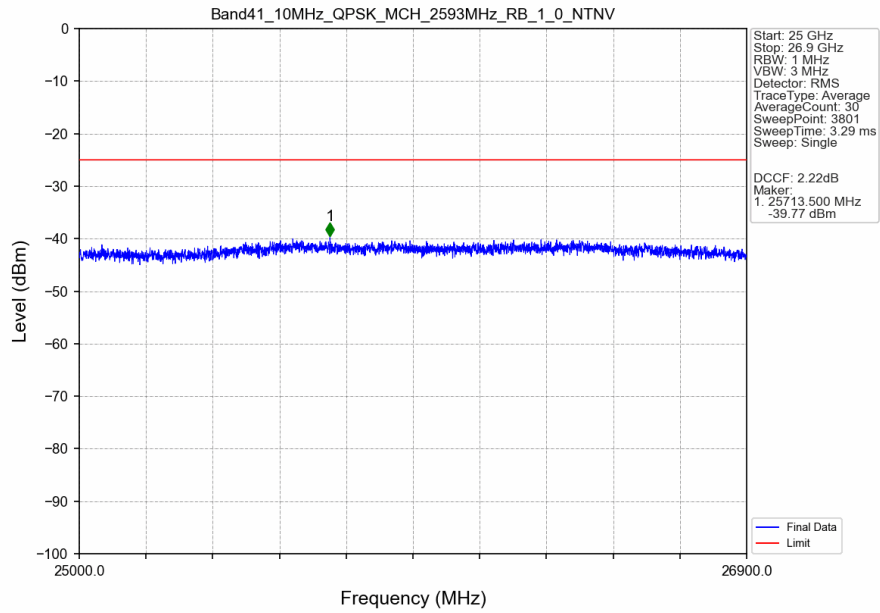
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTV



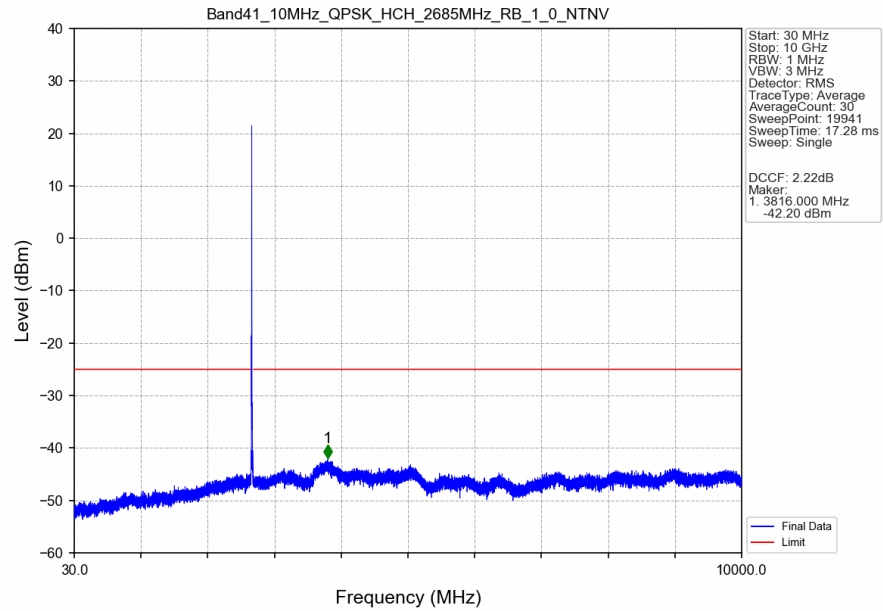
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



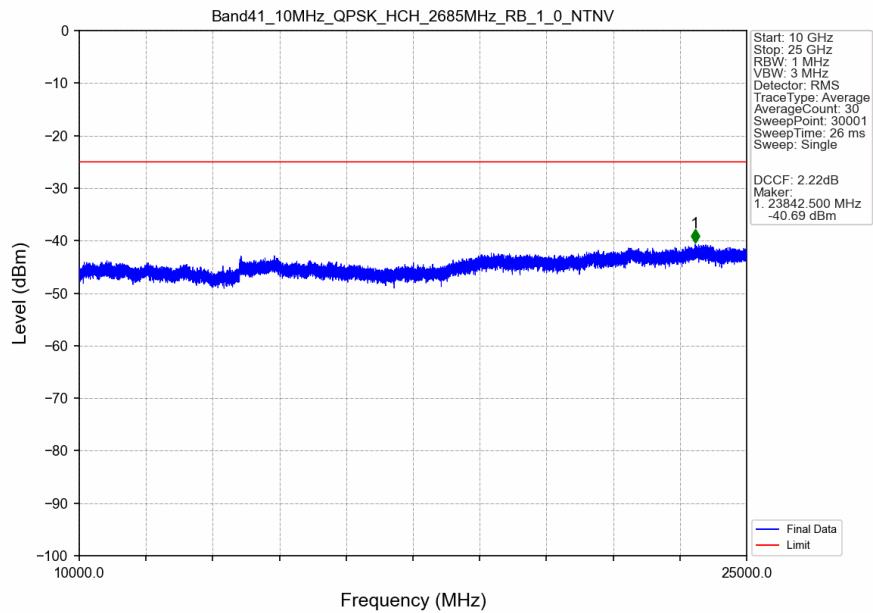
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



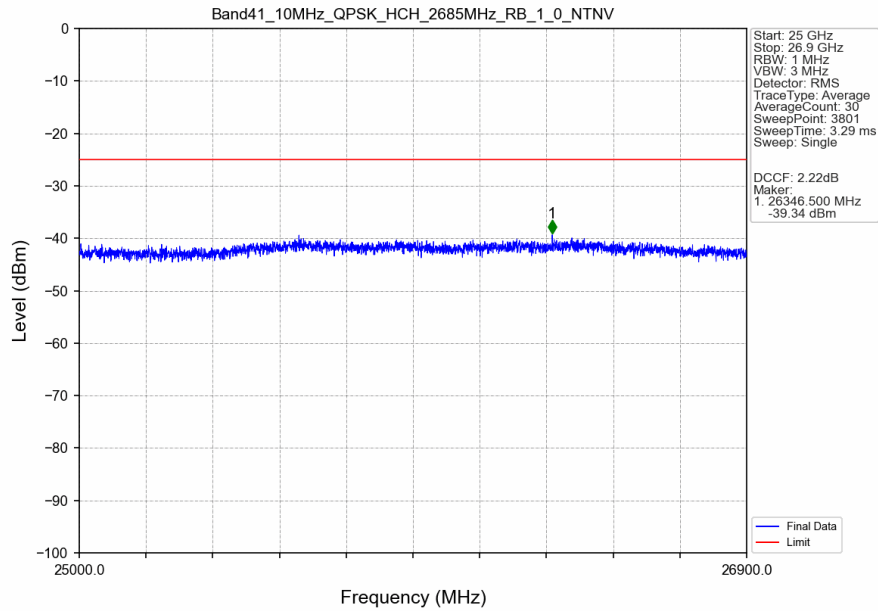
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTNV



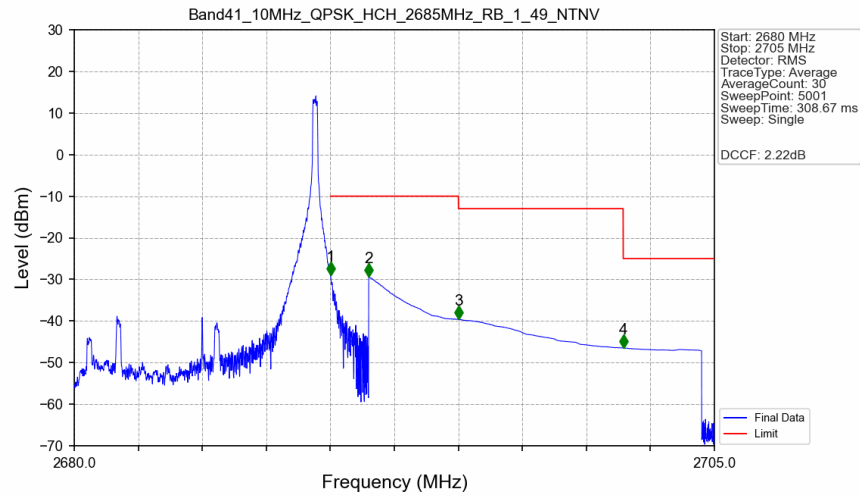
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

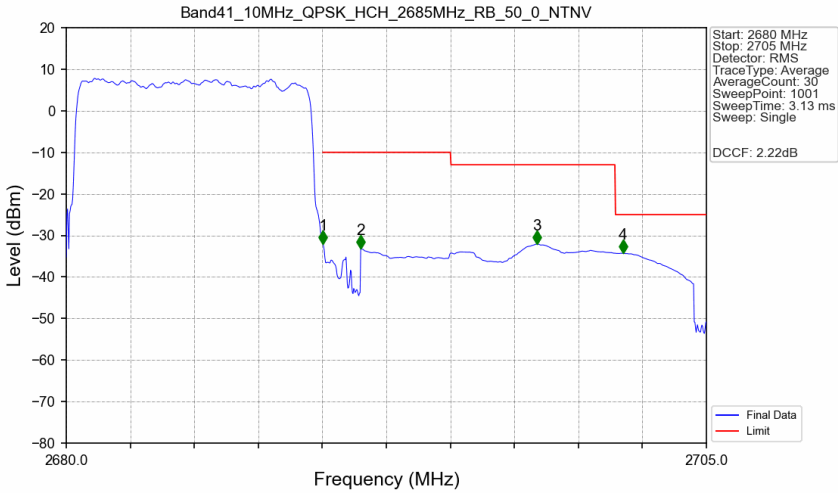


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



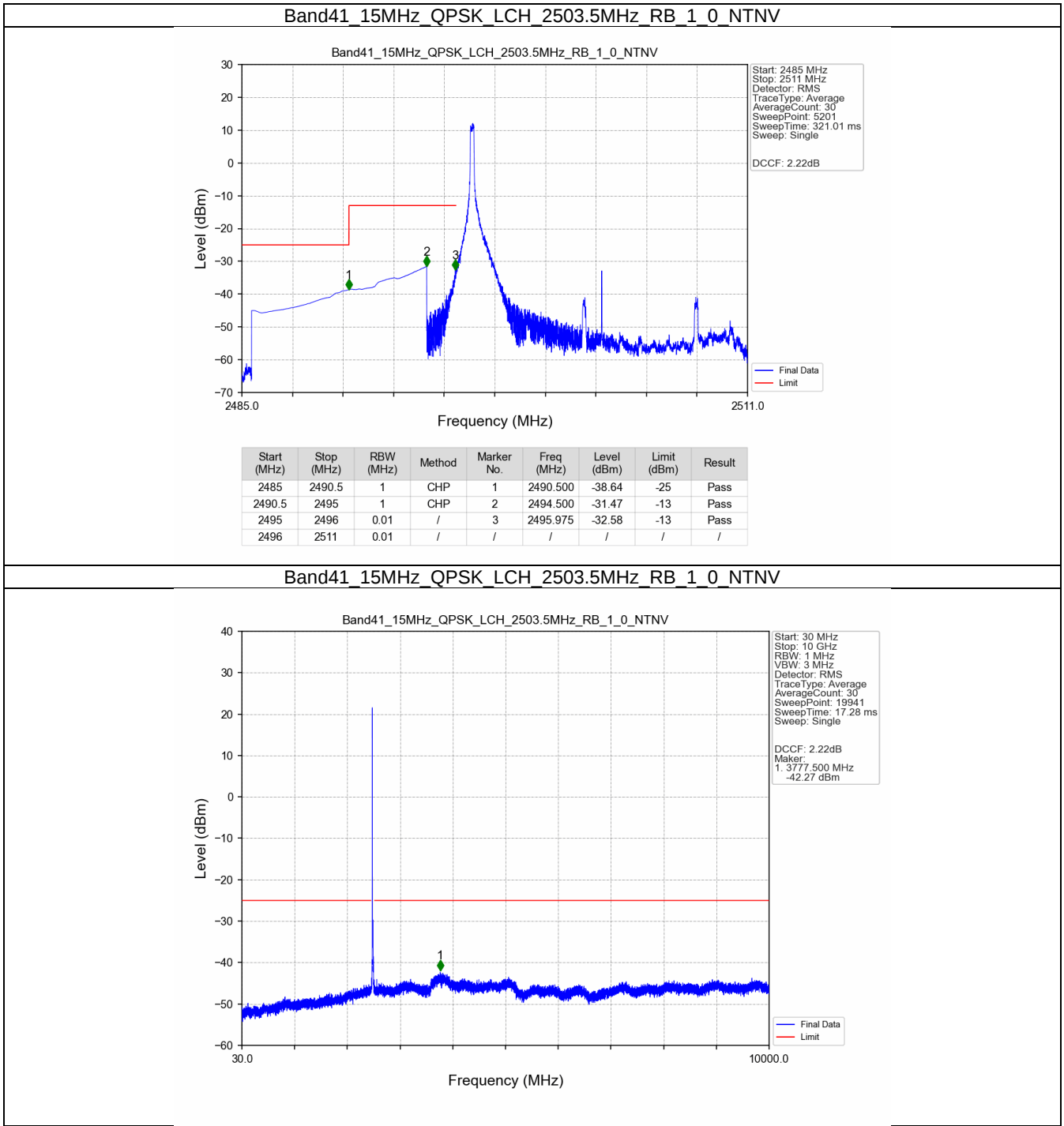
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-29.01	-10	Pass
2691	2695	1	CHP	2	2691.500	-29.39	-10	Pass
2695	2701.435	1	CHP	3	2695.020	-39.60	-13	Pass
2701.435	2705	1	CHP	4	2701.445	-46.45	-25	Pass

Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV

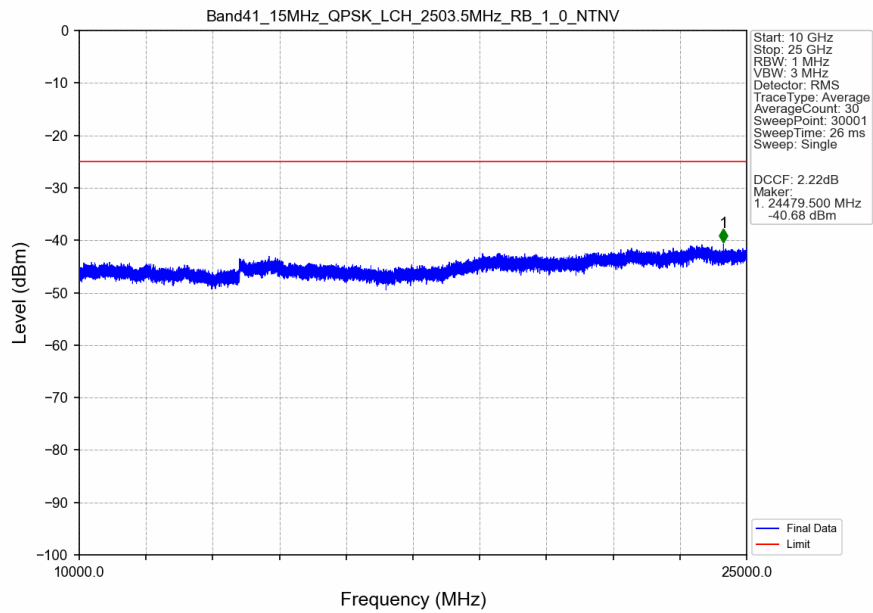


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.229	CHP	/	/	/	/	/
2690	2691	0.229	CHP	1	2690.025	-32.12	-10	Pass
2691	2695	1	CHP	2	2691.500	-33.21	-10	Pass
2695	2701.435	1	CHP	3	2698.375	-32.05	-13	Pass
2701.435	2705	1	CHP	4	2701.750	-34.29	-25	Pass

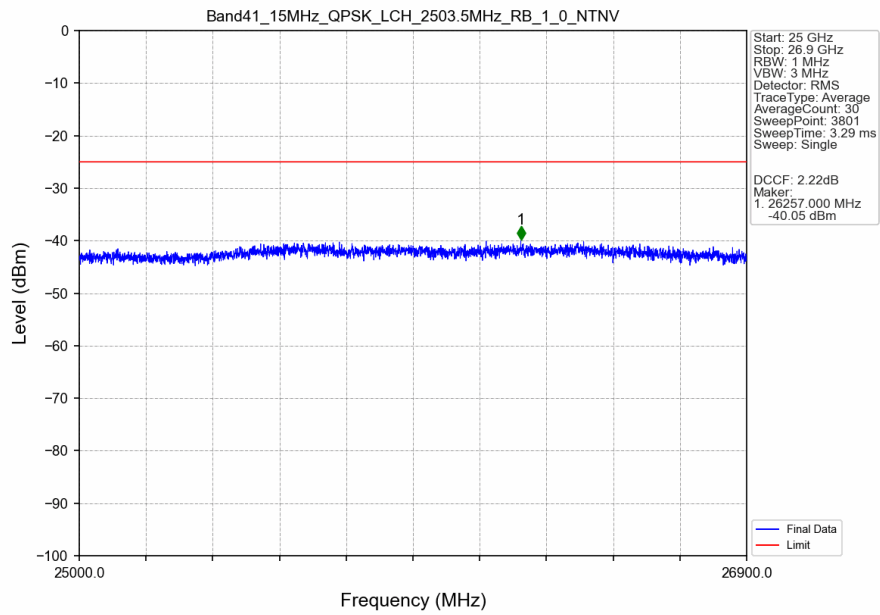
5.2.3 B41_15MHz



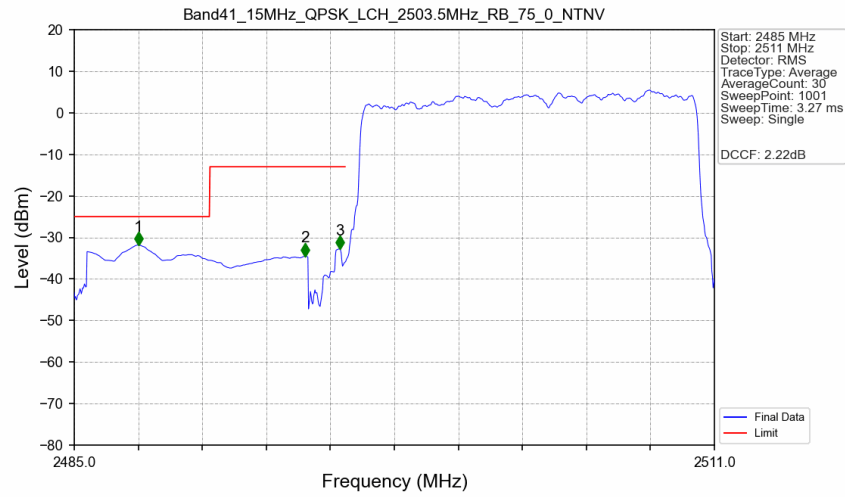
Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTV



Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTV

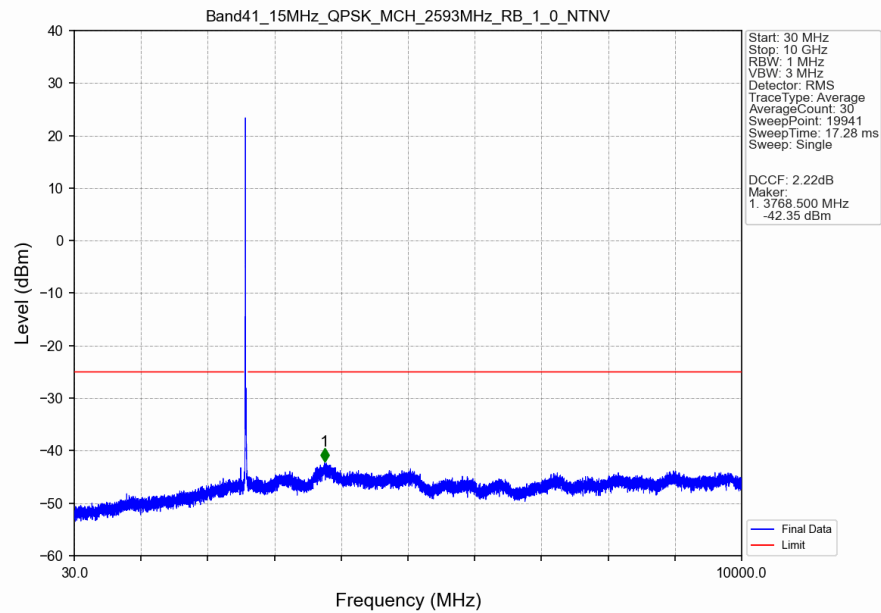


Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV

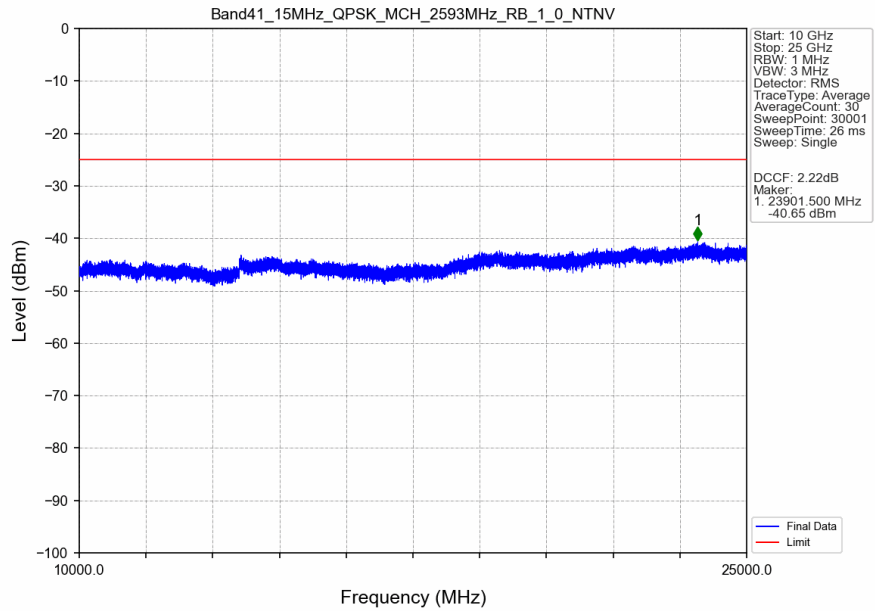


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.600	-31.84	-25	Pass
2490.5	2495	1	CHP	2	2494.386	-34.50	-13	Pass
2495	2496	0.215	CHP	3	2495.790	-32.73	-13	Pass
2496	2511	0.215	CHP	/	/	/	/	/

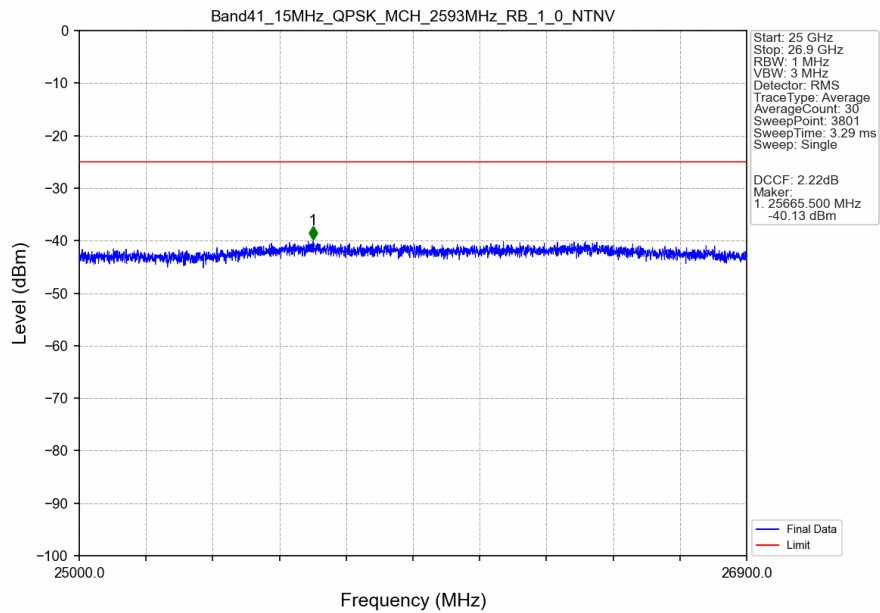
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



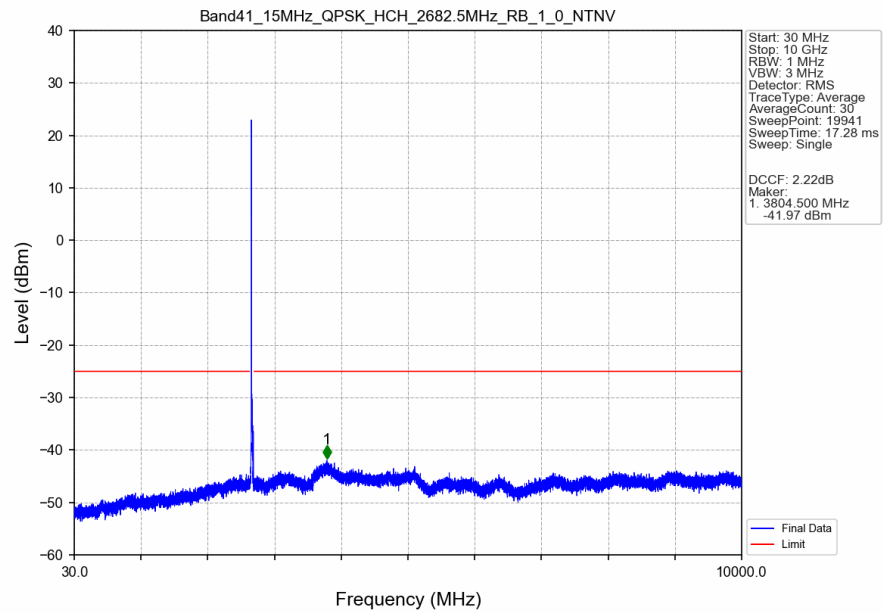
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



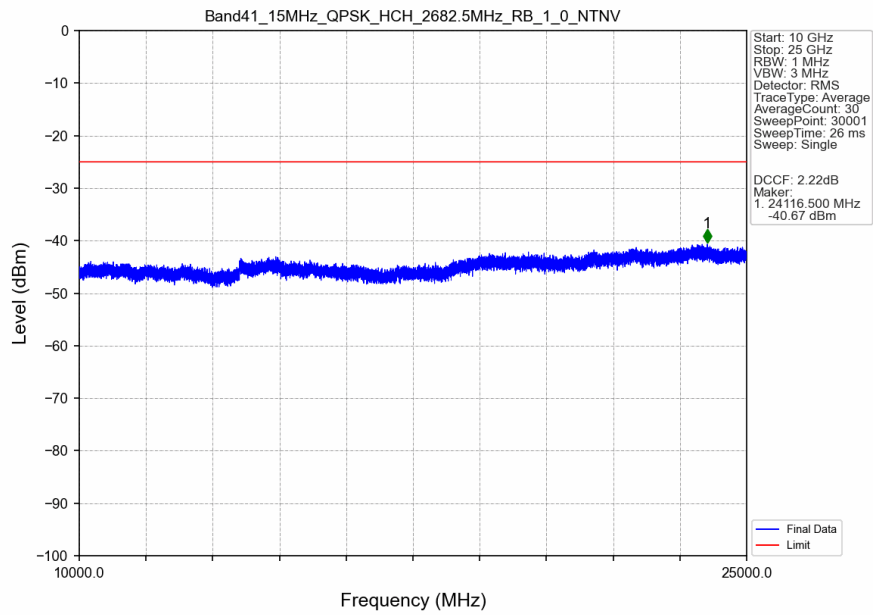
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



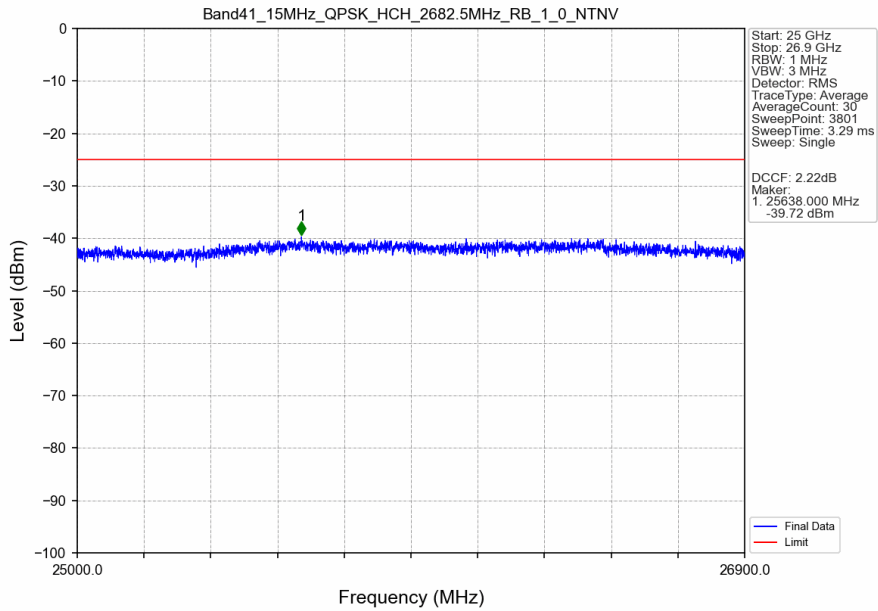
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



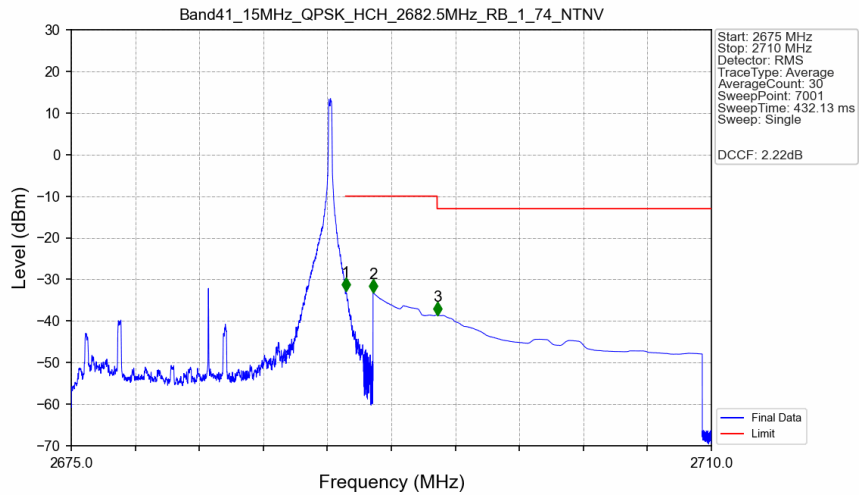
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV

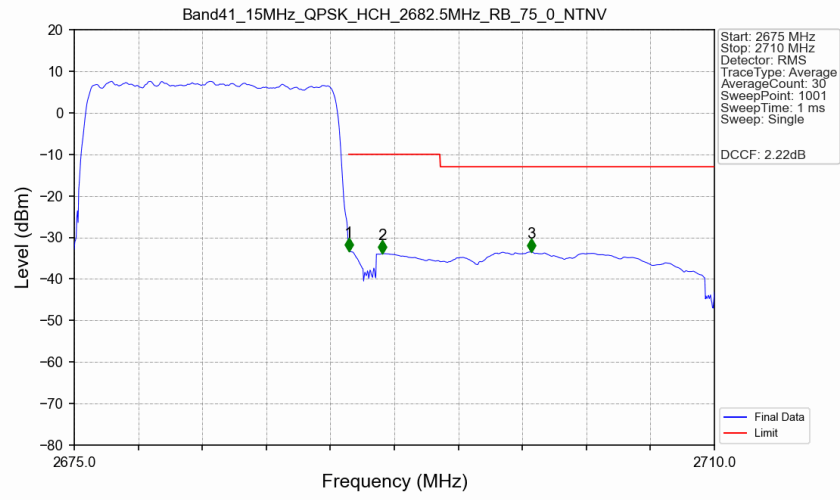


Band41 15MHz QPSK HCH 2682.5MHz RB 1 74 NTNV



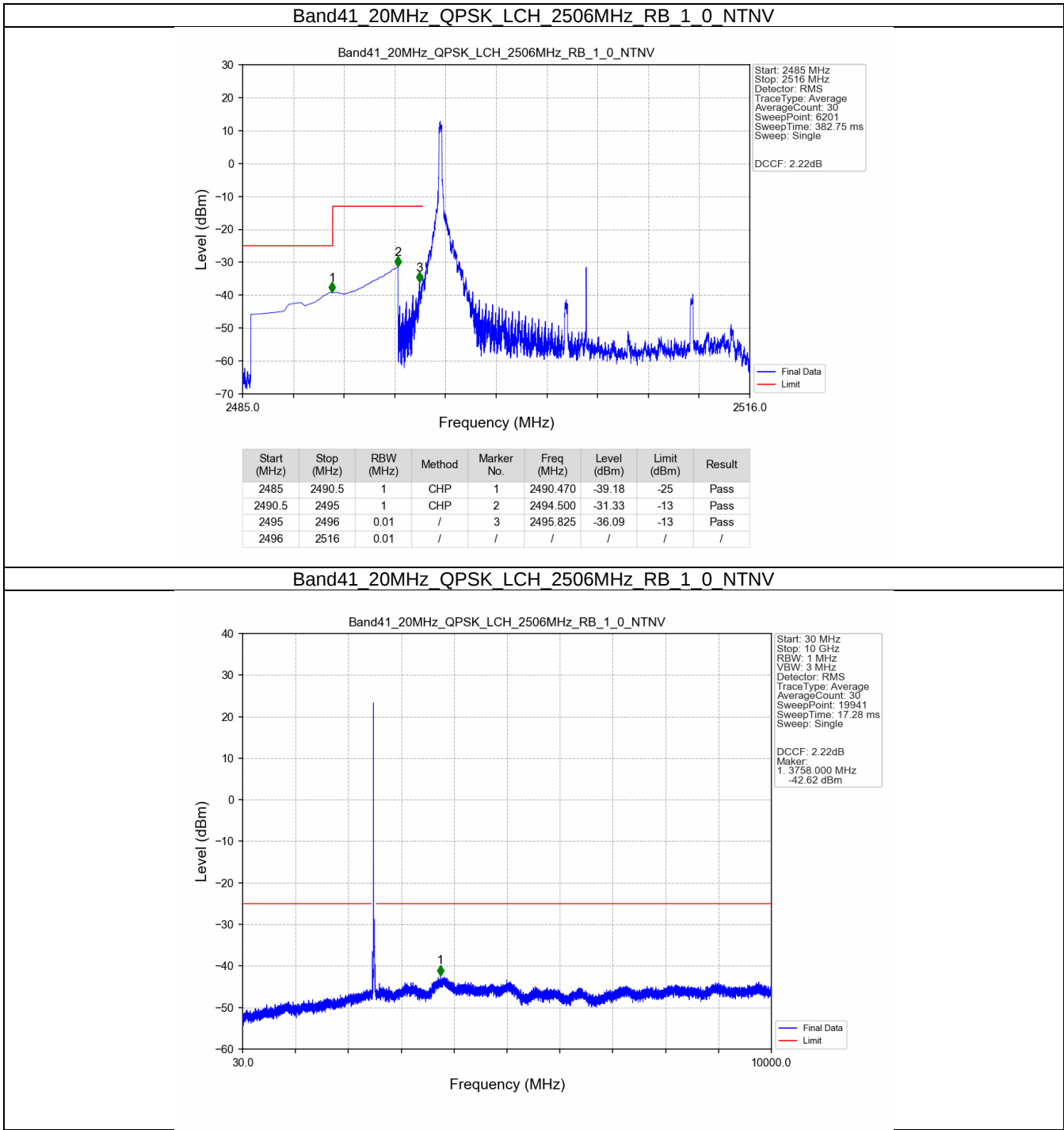
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.010	-32.72	-10	Pass
2691	2695	1	CHP	2	2691.500	-33.17	-10	Pass
2695	2710	1	CHP	3	2695.005	-38.58	-13	Pass

Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTV

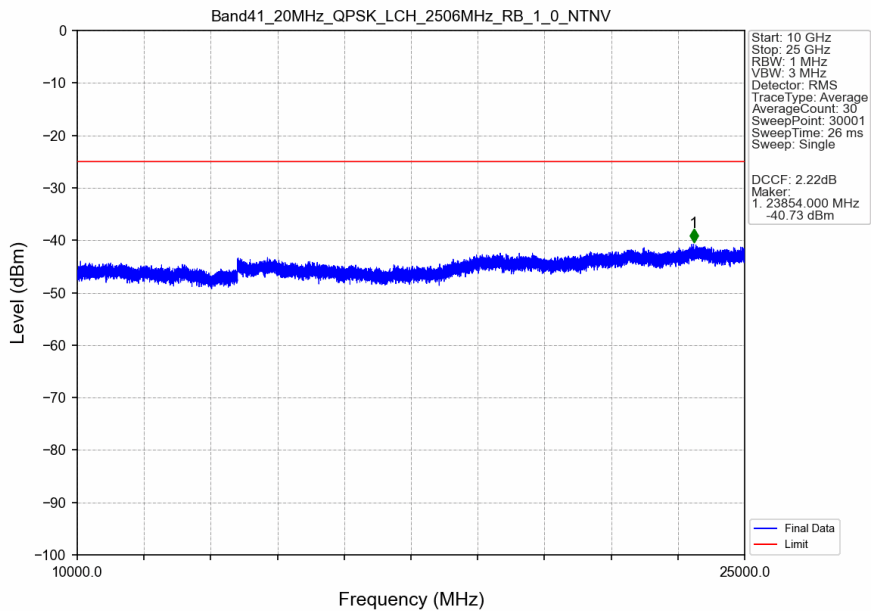


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.43	CHP	/	/	/	/	/
2690	2691	0.43	CHP	1	2690.015	-33.27	-10	Pass
2691	2695	1	CHP	2	2691.835	-33.93	-10	Pass
2695	2710	1	CHP	3	2699.990	-33.47	-13	Pass

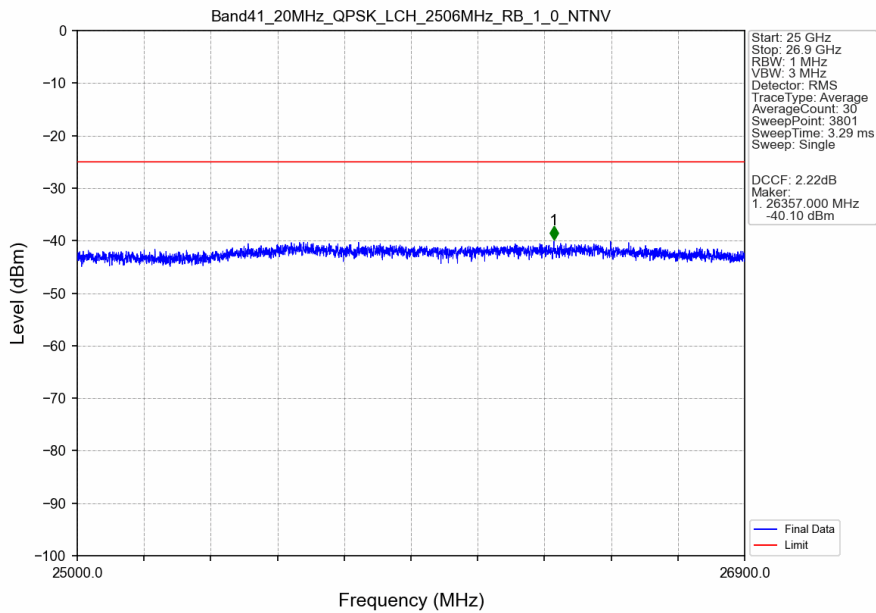
5.2.4 B41_20MHz



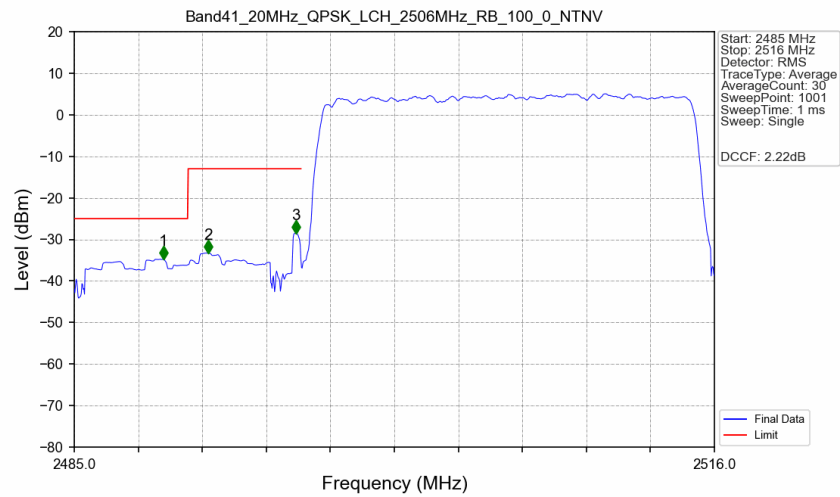
Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTNV



Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTNV

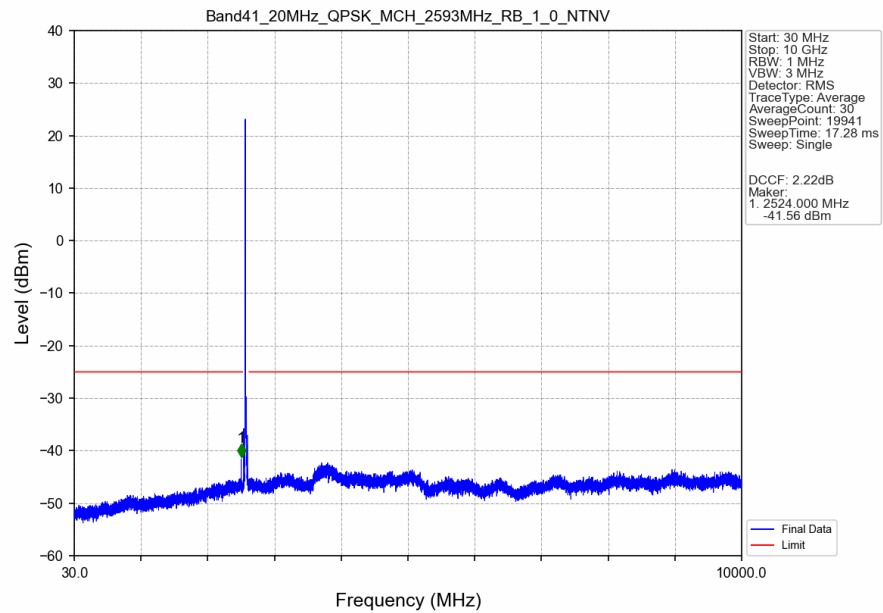


Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV

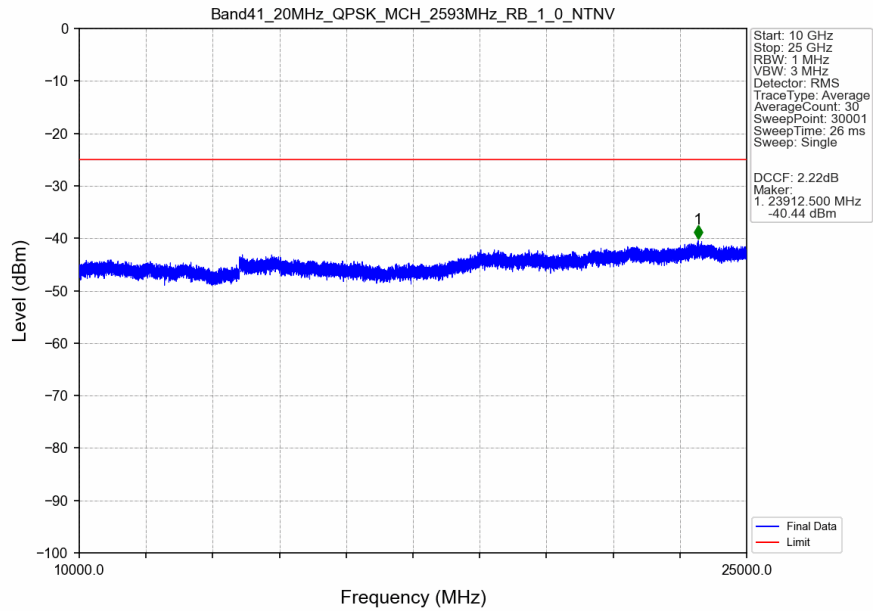


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.309	-34.78	-25	Pass
2490.5	2495	1	CHP	2	2491.479	-33.29	-13	Pass
2495	2496	0.328	CHP	3	2495.726	-28.53	-13	Pass
2496	2516	0.328	CHP	/	/	/	/	/

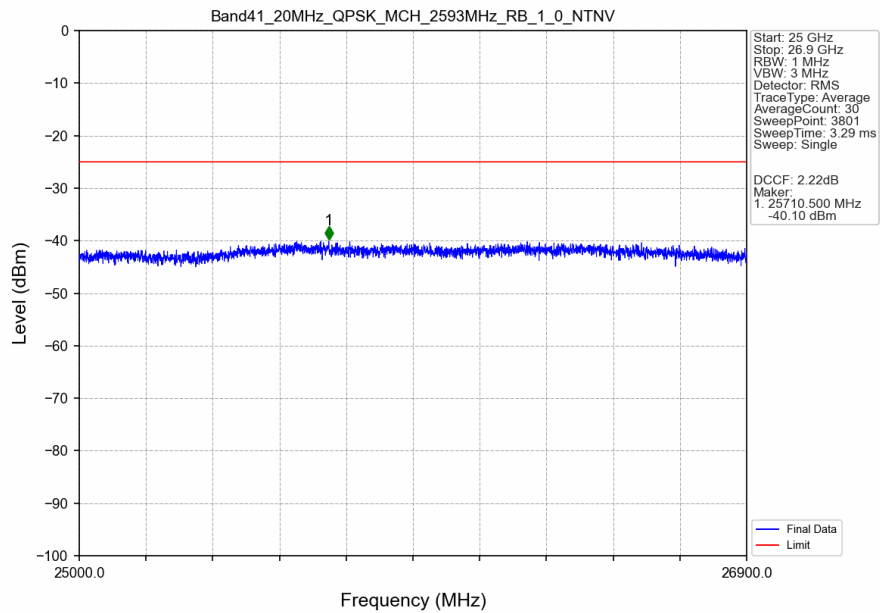
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



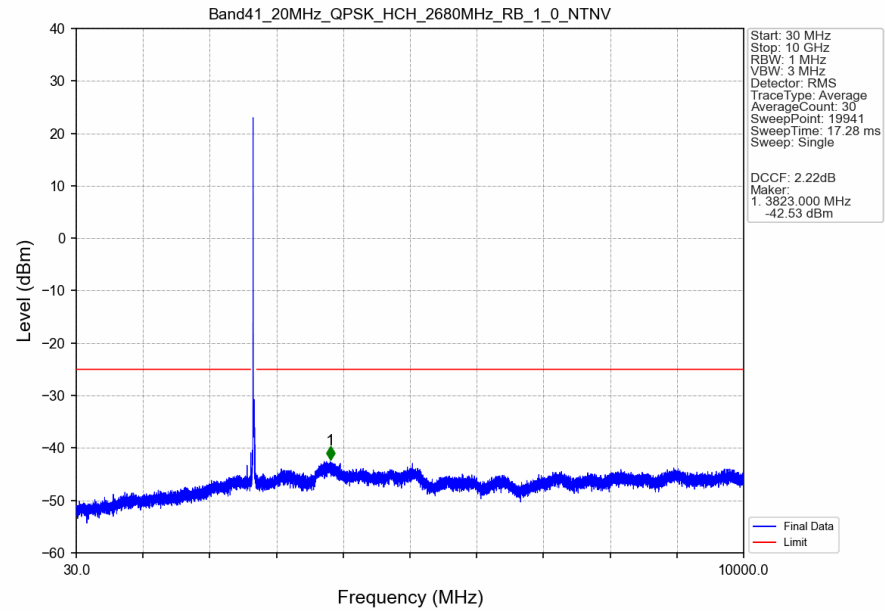
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



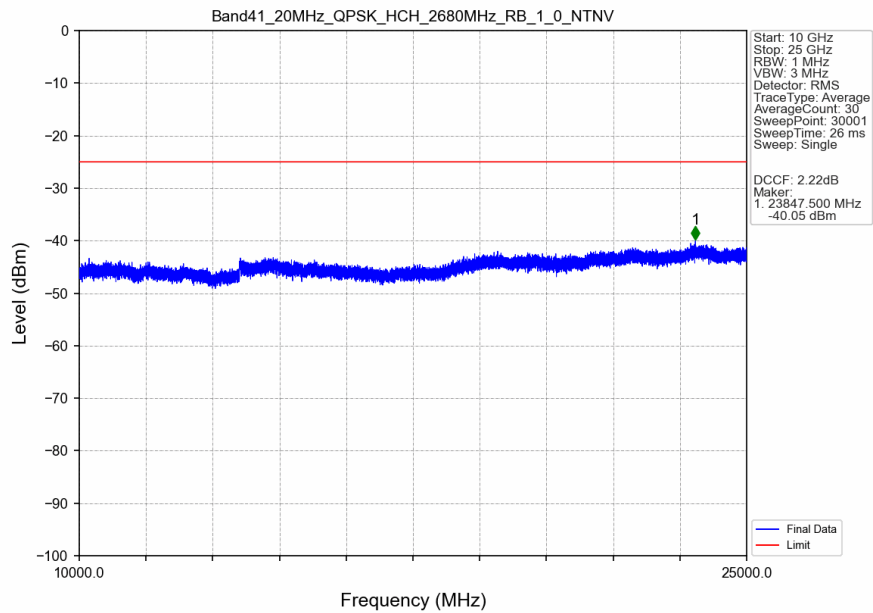
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



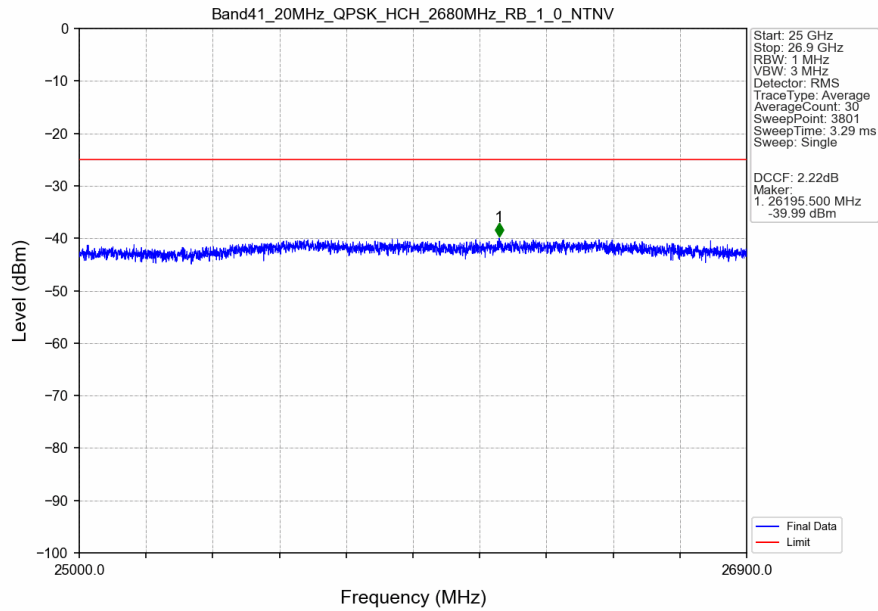
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV



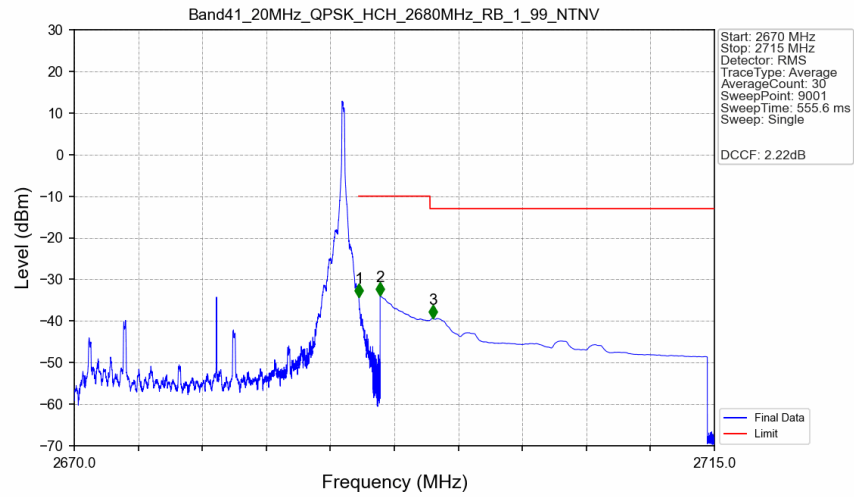
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV



Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV

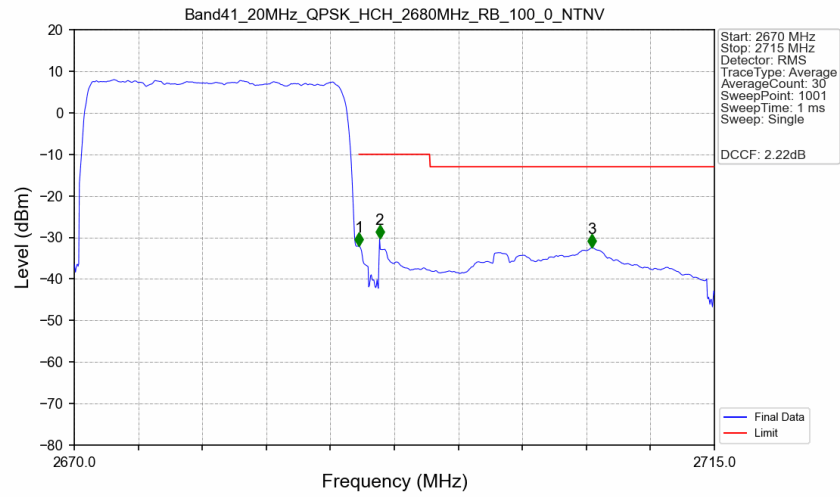


Band41 20MHz QPSK HCH 2680MHz RB 1 99 NTNV



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	2690.005	-34.29	-10	Pass
2691	2695	1	CHP	2	2691.500	-33.80	-10	Pass
2695	2715	1	CHP	3	2695.195	-39.33	-13	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	0.656	CHP	/	/	/	/	/
2690	2691	0.656	CHP	1	2690.025	-32.12	-10	Pass
2691	2695	1	CHP	2	2691.465	-30.23	-10	Pass
2695	2715	1	CHP	3	2706.405	-32.46	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 41 ANT31-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4994.0	-62.48	-25	-37.48	-68.04	4.57	10.13	Horizontal	Pass
7491.0	-60.22	-25	-35.22	-67.01	4.94	11.73	Horizontal	Pass
9988.0	-56.52	-25	-31.52	-64.1	5.46	13.04	Horizontal	Pass
4994.0	-62.57	-25	-37.57	-68.13	4.57	10.13	Vertical	Pass
7491.0	-60.56	-25	-35.56	-67.35	4.94	11.73	Vertical	Pass
9988.0	-56.96	-25	-31.96	-64.54	5.46	13.04	Vertical	Pass

LTE Band 41 ANT31-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5168.0	-62.51	-25	-37.51	-68.13	4.62	10.24	Horizontal	Pass
7752.0	-59.34	-25	-34.34	-66.42	4.96	12.04	Horizontal	Pass
10336.0	-55.61	-25	-30.61	-63.19	5.51	13.09	Horizontal	Pass
5168.0	-62.71	-25	-37.71	-68.33	4.62	10.24	Vertical	Pass
7752.0	-59.12	-25	-34.12	-66.2	4.96	12.04	Vertical	Pass
10336.0	-56.55	-25	-31.55	-64.13	5.51	13.09	Vertical	Pass

LTE Band 41 ANT31-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5342.0	-62.88	-25	-37.88	-68.55	4.68	10.35	Horizontal	Pass
8013.0	-58.94	-25	-33.94	-66.31	4.98	12.35	Horizontal	Pass
10684.0	-56.31	-25	-31.31	-63.86	5.63	13.18	Horizontal	Pass
5342.0	-62.53	-25	-37.53	-68.2	4.68	10.35	Vertical	Pass
8013.0	-59.1	-25	-34.1	-66.47	4.98	12.35	Vertical	Pass
10684.0	-56.12	-25	-31.12	-63.67	5.63	13.18	Vertical	Pass