

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	22.02	-1.45	20.57	<=33.01	Pass
			13	22.23	-1.45	20.78	<=33.01	Pass
			24	22.03	-1.45	20.58	<=33.01	Pass
		12	0	21.05	-1.45	19.60	<=33.01	Pass
			6	21.18	-1.45	19.73	<=33.01	Pass
			13	21.16	-1.45	19.71	<=33.01	Pass
		25	0	20.79	-1.45	19.34	<=33.01	Pass
	2593	1	0	22.49	-1.45	21.04	<=33.01	Pass
			13	22.34	-1.45	20.89	<=33.01	Pass
			24	22.31	-1.45	20.86	<=33.01	Pass
		12	0	21.38	-1.45	19.93	<=33.01	Pass
			6	21.41	-1.45	19.96	<=33.01	Pass
			13	21.44	-1.45	19.99	<=33.01	Pass
		25	0	21.31	-1.45	19.86	<=33.01	Pass
	2687.5	1	0	22.35	-1.45	20.90	<=33.01	Pass
			13	22.81	-1.45	21.36	<=33.01	Pass
			24	22.71	-1.45	21.26	<=33.01	Pass
		12	0	21.90	-1.45	20.45	<=33.01	Pass
			6	21.94	-1.45	20.49	<=33.01	Pass
			13	21.94	-1.45	20.49	<=33.01	Pass
		25	0	21.94	-1.45	20.49	<=33.01	Pass
16QAM	2498.5	1	0	21.27	-1.45	19.82	<=33.01	Pass
			13	21.02	-1.45	19.57	<=33.01	Pass
			24	21.15	-1.45	19.70	<=33.01	Pass
		12	0	20.29	-1.45	18.84	<=33.01	Pass
			6	20.07	-1.45	18.62	<=33.01	Pass
			13	20.19	-1.45	18.74	<=33.01	Pass
		25	0	20.18	-1.45	18.73	<=33.01	Pass
	2593	1	0	21.28	-1.45	19.83	<=33.01	Pass
			13	21.66	-1.45	20.21	<=33.01	Pass
			24	21.58	-1.45	20.13	<=33.01	Pass
		12	0	20.48	-1.45	19.03	<=33.01	Pass
			6	20.58	-1.45	19.13	<=33.01	Pass
			13	20.59	-1.45	19.14	<=33.01	Pass
		25	0	20.61	-1.45	19.16	<=33.01	Pass
	2687.5	1	0	21.68	-1.45	20.23	<=33.01	Pass
			13	21.91	-1.45	20.46	<=33.01	Pass
			24	21.75	-1.45	20.30	<=33.01	Pass
		12	0	20.86	-1.45	19.41	<=33.01	Pass
			6	20.95	-1.45	19.50	<=33.01	Pass
			13	21.00	-1.45	19.55	<=33.01	Pass
		25	0	20.97	-1.45	19.52	<=33.01	Pass
64QAM	2498.5	1	0	20.92	-1.45	19.47	<=33.01	Pass
			13	21.20	-1.45	19.75	<=33.01	Pass
			24	20.85	-1.45	19.40	<=33.01	Pass
		12	0	20.15	-1.45	18.70	<=33.01	Pass
			6	20.19	-1.45	18.74	<=33.01	Pass
			13	20.11	-1.45	18.66	<=33.01	Pass
		25	0	20.07	-1.45	18.62	<=33.01	Pass

	2593	1	0	21.32	-1.45	19.87	<=33.01	Pass
			13	21.30	-1.45	19.85	<=33.01	Pass
			24	21.42	-1.45	19.97	<=33.01	Pass
		12	0	20.30	-1.45	18.85	<=33.01	Pass
			6	20.46	-1.45	19.01	<=33.01	Pass
			13	20.49	-1.45	19.04	<=33.01	Pass
		25	0	20.75	-1.45	19.30	<=33.01	Pass
	2687.5	1	0	21.69	-1.45	20.24	<=33.01	Pass
			13	21.74	-1.45	20.29	<=33.01	Pass
			24	21.79	-1.45	20.34	<=33.01	Pass
		12	0	20.81	-1.45	19.36	<=33.01	Pass
			6	20.86	-1.45	19.41	<=33.01	Pass
			13	20.91	-1.45	19.46	<=33.01	Pass
		25	0	20.85	-1.45	19.40	<=33.01	Pass
256QAM	2498.5	1	0	16.92	-1.45	15.47	<=33.01	Pass
			13	17.03	-1.45	15.58	<=33.01	Pass
			24	17.26	-1.45	15.81	<=33.01	Pass
		12	0	17.16	-1.45	15.71	<=33.01	Pass
			6	17.06	-1.45	15.61	<=33.01	Pass
			13	17.00	-1.45	15.55	<=33.01	Pass
		25	0	17.18	-1.45	15.73	<=33.01	Pass
	2593	1	0	17.44	-1.45	15.99	<=33.01	Pass
			13	17.49	-1.45	16.04	<=33.01	Pass
			24	17.58	-1.45	16.13	<=33.01	Pass
		12	0	17.59	-1.45	16.14	<=33.01	Pass
			6	17.41	-1.45	15.96	<=33.01	Pass
			13	17.46	-1.45	16.01	<=33.01	Pass
		25	0	17.50	-1.45	16.05	<=33.01	Pass
	2687.5	1	0	17.74	-1.45	16.29	<=33.01	Pass
			13	17.79	-1.45	16.34	<=33.01	Pass
			24	17.64	-1.45	16.19	<=33.01	Pass
		12	0	17.73	-1.45	16.28	<=33.01	Pass
			6	17.82	-1.45	16.37	<=33.01	Pass
			13	17.86	-1.45	16.41	<=33.01	Pass
		25	0	17.83	-1.45	16.38	<=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	22.06	-1.45	20.61	<=33.01	Pass
			25	22.15	-1.45	20.70	<=33.01	Pass
			49	22.21	-1.45	20.76	<=33.01	Pass
		25	0	20.99	-1.45	19.54	<=33.01	Pass
			13	21.15	-1.45	19.70	<=33.01	Pass
			25	21.05	-1.45	19.60	<=33.01	Pass
		50	0	21.03	-1.45	19.58	<=33.01	Pass
	2593	1	0	22.43	-1.45	20.98	<=33.01	Pass
			25	22.64	-1.45	21.19	<=33.01	Pass
			49	22.64	-1.45	21.19	<=33.01	Pass
		25	0	21.65	-1.45	20.20	<=33.01	Pass
			13	21.71	-1.45	20.26	<=33.01	Pass
			25	21.33	-1.45	19.88	<=33.01	Pass
		50	0	21.51	-1.45	20.06	<=33.01	Pass
	2685	1	0	22.80	-1.45	21.35	<=33.01	Pass

		25	25	22.78	-1.45	21.33	<=33.01	Pass
			49	22.78	-1.45	21.33	<=33.01	Pass
			0	21.87	-1.45	20.42	<=33.01	Pass
			13	21.92	-1.45	20.47	<=33.01	Pass
			25	21.90	-1.45	20.45	<=33.01	Pass
		50	0	21.87	-1.45	20.42	<=33.01	Pass
16QAM	2501	1	0	21.05	-1.45	19.60	<=33.01	Pass
			25	21.24	-1.45	19.79	<=33.01	Pass
			49	21.37	-1.45	19.92	<=33.01	Pass
		25	0	20.19	-1.45	18.74	<=33.01	Pass
			13	19.98	-1.45	18.53	<=33.01	Pass
			25	20.33	-1.45	18.88	<=33.01	Pass
		50	0	20.18	-1.45	18.73	<=33.01	Pass
	2593	1	0	21.51	-1.45	20.06	<=33.01	Pass
			25	21.40	-1.45	19.95	<=33.01	Pass
			49	21.35	-1.45	19.90	<=33.01	Pass
		25	0	20.69	-1.45	19.24	<=33.01	Pass
			13	20.55	-1.45	19.10	<=33.01	Pass
			25	20.48	-1.45	19.03	<=33.01	Pass
		50	0	20.59	-1.45	19.14	<=33.01	Pass
	2685	1	0	21.42	-1.45	19.97	<=33.01	Pass
			25	21.80	-1.45	20.35	<=33.01	Pass
			49	21.90	-1.45	20.45	<=33.01	Pass
		25	0	20.92	-1.45	19.47	<=33.01	Pass
			13	20.96	-1.45	19.51	<=33.01	Pass
			25	20.96	-1.45	19.51	<=33.01	Pass
		50	0	20.98	-1.45	19.53	<=33.01	Pass
64QAM	2501	1	0	20.15	-1.45	18.70	<=33.01	Pass
			25	20.20	-1.45	18.75	<=33.01	Pass
			49	20.47	-1.45	19.02	<=33.01	Pass
		25	0	19.26	-1.45	17.81	<=33.01	Pass
			13	19.25	-1.45	17.80	<=33.01	Pass
			25	19.37	-1.45	17.92	<=33.01	Pass
		50	0	19.27	-1.45	17.82	<=33.01	Pass
	2593	1	0	20.56	-1.45	19.11	<=33.01	Pass
			25	20.83	-1.45	19.38	<=33.01	Pass
			49	20.66	-1.45	19.21	<=33.01	Pass
		25	0	19.64	-1.45	18.19	<=33.01	Pass
			13	19.69	-1.45	18.24	<=33.01	Pass
			25	19.58	-1.45	18.13	<=33.01	Pass
		50	0	19.43	-1.45	17.98	<=33.01	Pass
	2685	1	0	20.73	-1.45	19.28	<=33.01	Pass
			25	21.07	-1.45	19.62	<=33.01	Pass
			49	20.90	-1.45	19.45	<=33.01	Pass
		25	0	19.82	-1.45	18.37	<=33.01	Pass
			13	19.96	-1.45	18.51	<=33.01	Pass
			25	19.97	-1.45	18.52	<=33.01	Pass
		50	0	19.99	-1.45	18.54	<=33.01	Pass
256QAM	2501	1	0	17.08	-1.45	15.63	<=33.01	Pass
			25	17.04	-1.45	15.59	<=33.01	Pass
			49	17.19	-1.45	15.74	<=33.01	Pass
		25	0	17.14	-1.45	15.69	<=33.01	Pass
			13	17.21	-1.45	15.76	<=33.01	Pass
			25	17.21	-1.45	15.76	<=33.01	Pass
		50	0	17.19	-1.45	15.74	<=33.01	Pass
	2593	1	0	17.65	-1.45	16.20	<=33.01	Pass
			25	17.69	-1.45	16.24	<=33.01	Pass
			49	17.34	-1.45	15.89	<=33.01	Pass
		25	0	17.62	-1.45	16.17	<=33.01	Pass

			13	17.63	-1.45	16.18	<=33.01	Pass
			25	17.35	-1.45	15.90	<=33.01	Pass
		50	0	17.36	-1.45	15.91	<=33.01	Pass
	2685	1	0	17.78	-1.45	16.33	<=33.01	Pass
			25	17.65	-1.45	16.20	<=33.01	Pass
			49	17.71	-1.45	16.26	<=33.01	Pass
		25	0	17.81	-1.45	16.36	<=33.01	Pass
			13	17.91	-1.45	16.46	<=33.01	Pass
			25	17.76	-1.45	16.31	<=33.01	Pass
		50	0	17.89	-1.45	16.44	<=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	22.31	-1.45	20.86	<=33.01	Pass
			38	22.10	-1.45	20.65	<=33.01	Pass
			74	22.12	-1.45	20.67	<=33.01	Pass
		36	0	20.73	-1.45	19.28	<=33.01	Pass
			18	20.85	-1.45	19.40	<=33.01	Pass
			39	21.15	-1.45	19.70	<=33.01	Pass
		75	0	21.22	-1.45	19.77	<=33.01	Pass
	2593	1	0	22.50	-1.45	21.05	<=33.01	Pass
			38	22.32	-1.45	20.87	<=33.01	Pass
			74	22.44	-1.45	20.99	<=33.01	Pass
		36	0	21.30	-1.45	19.85	<=33.01	Pass
			18	21.46	-1.45	20.01	<=33.01	Pass
			39	21.38	-1.45	19.93	<=33.01	Pass
		75	0	21.44	-1.45	19.99	<=33.01	Pass
	2682.5	1	0	22.39	-1.45	20.94	<=33.01	Pass
			38	22.49	-1.45	21.04	<=33.01	Pass
			74	22.41	-1.45	20.96	<=33.01	Pass
		36	0	21.77	-1.45	20.32	<=33.01	Pass
			18	21.76	-1.45	20.31	<=33.01	Pass
			39	21.70	-1.45	20.25	<=33.01	Pass
		75	0	21.81	-1.45	20.36	<=33.01	Pass
16QAM	2503.5	1	0	21.08	-1.45	19.63	<=33.01	Pass
			38	20.96	-1.45	19.51	<=33.01	Pass
			74	20.97	-1.45	19.52	<=33.01	Pass
		36	0	20.10	-1.45	18.65	<=33.01	Pass
			18	20.14	-1.45	18.69	<=33.01	Pass
			39	19.99	-1.45	18.54	<=33.01	Pass
		75	0	20.17	-1.45	18.72	<=33.01	Pass
	2593	1	0	21.19	-1.45	19.74	<=33.01	Pass
			38	21.36	-1.45	19.91	<=33.01	Pass
			74	21.39	-1.45	19.94	<=33.01	Pass
		36	0	20.45	-1.45	19.00	<=33.01	Pass
			18	20.49	-1.45	19.04	<=33.01	Pass
			39	20.39	-1.45	18.94	<=33.01	Pass
		75	0	20.40	-1.45	18.95	<=33.01	Pass
	2682.5	1	0	21.31	-1.45	19.86	<=33.01	Pass
			38	21.35	-1.45	19.90	<=33.01	Pass
			74	21.66	-1.45	20.21	<=33.01	Pass
		36	0	20.68	-1.45	19.23	<=33.01	Pass
			18	20.53	-1.45	19.08	<=33.01	Pass

			39	20.76	-1.45	19.31	<=33.01	Pass	
		75	0	20.60	-1.45	19.15	<=33.01	Pass	
64QAM	2503.5	1	0	20.81	-1.45	19.36	<=33.01	Pass	
			38	20.77	-1.45	19.32	<=33.01	Pass	
			74	21.10	-1.45	19.65	<=33.01	Pass	
			0	20.04	-1.45	18.59	<=33.01	Pass	
		36	18	20.09	-1.45	18.64	<=33.01	Pass	
			39	20.15	-1.45	18.70	<=33.01	Pass	
			75	0	20.11	-1.45	18.66	<=33.01	Pass
		2593	1	0	21.06	-1.45	19.61	<=33.01	Pass
				38	21.11	-1.45	19.66	<=33.01	Pass
				74	21.30	-1.45	19.85	<=33.01	Pass
	0			20.29	-1.45	18.84	<=33.01	Pass	
	36		18	20.41	-1.45	18.96	<=33.01	Pass	
			39	20.44	-1.45	18.99	<=33.01	Pass	
	75		0	20.49	-1.45	19.04	<=33.01	Pass	
	2682.5	1	0	21.47	-1.45	20.02	<=33.01	Pass	
			38	21.14	-1.45	19.69	<=33.01	Pass	
			74	21.52	-1.45	20.07	<=33.01	Pass	
			0	20.64	-1.45	19.19	<=33.01	Pass	
		36	18	20.73	-1.45	19.28	<=33.01	Pass	
			39	20.59	-1.45	19.14	<=33.01	Pass	
			75	0	20.79	-1.45	19.34	<=33.01	Pass
		256QAM	2503.5	1	0	16.87	-1.45	15.42	<=33.01
	38				16.90	-1.45	15.45	<=33.01	Pass
74	17.06				-1.45	15.61	<=33.01	Pass	
36	0			16.91	-1.45	15.46	<=33.01	Pass	
	18			17.05	-1.45	15.60	<=33.01	Pass	
	39			17.11	-1.45	15.66	<=33.01	Pass	
75	0			17.05	-1.45	15.60	<=33.01	Pass	
2593	1		0	17.22	-1.45	15.77	<=33.01	Pass	
			38	17.29	-1.45	15.84	<=33.01	Pass	
			74	17.33	-1.45	15.88	<=33.01	Pass	
			0	17.50	-1.45	16.05	<=33.01	Pass	
	36		18	17.40	-1.45	15.95	<=33.01	Pass	
			39	17.38	-1.45	15.93	<=33.01	Pass	
	75		0	17.38	-1.45	15.93	<=33.01	Pass	
2682.5	1		0	17.43	-1.45	15.98	<=33.01	Pass	
			38	17.47	-1.45	16.02	<=33.01	Pass	
			74	17.62	-1.45	16.17	<=33.01	Pass	
			0	17.65	-1.45	16.20	<=33.01	Pass	
	36		18	17.70	-1.45	16.25	<=33.01	Pass	
			39	17.64	-1.45	16.19	<=33.01	Pass	
	75		0	17.59	-1.45	16.14	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	22.04	-1.45	20.59	<=33.01	Pass
			50	22.18	-1.45	20.73	<=33.01	Pass
			99	22.12	-1.45	20.67	<=33.01	Pass
		50	0	21.20	-1.45	19.75	<=33.01	Pass
			25	21.09	-1.45	19.64	<=33.01	Pass
			50	21.21	-1.45	19.76	<=33.01	Pass

		100	0	21.18	-1.45	19.73	<=33.01	Pass
		2593	1	0	22.41	-1.45	20.96	<=33.01
				50	22.40	-1.45	20.95	<=33.01
				99	22.24	-1.45	20.79	<=33.01
			50	0	21.55	-1.45	20.10	<=33.01
				25	21.45	-1.45	20.00	<=33.01
				50	21.33	-1.45	19.88	<=33.01
		100	0	21.38	-1.45	19.93	<=33.01	Pass
		2680	1	0	22.65	-1.45	21.20	<=33.01
				50	22.49	-1.45	21.04	<=33.01
				99	22.64	-1.45	21.19	<=33.01
			50	0	21.81	-1.45	20.36	<=33.01
				25	21.81	-1.45	20.36	<=33.01
				50	21.77	-1.45	20.32	<=33.01
		100	0	21.81	-1.45	20.36	<=33.01	Pass
16QAM	2506	1	0	20.96	-1.45	19.51	<=33.01	Pass
			50	20.95	-1.45	19.50	<=33.01	Pass
			99	20.88	-1.45	19.43	<=33.01	Pass
		50	0	20.09	-1.45	18.64	<=33.01	Pass
			25	20.04	-1.45	18.59	<=33.01	Pass
			50	20.08	-1.45	18.63	<=33.01	Pass
		100	0	20.08	-1.45	18.63	<=33.01	Pass
	2593	1	0	21.12	-1.45	19.67	<=33.01	Pass
			50	21.16	-1.45	19.71	<=33.01	Pass
			99	21.44	-1.45	19.99	<=33.01	Pass
		50	0	20.38	-1.45	18.93	<=33.01	Pass
			25	20.33	-1.45	18.88	<=33.01	Pass
			50	20.45	-1.45	19.00	<=33.01	Pass
		100	0	20.33	-1.45	18.88	<=33.01	Pass
	2680	1	0	21.45	-1.45	20.00	<=33.01	Pass
			50	21.37	-1.45	19.92	<=33.01	Pass
			99	21.50	-1.45	20.05	<=33.01	Pass
		50	0	20.65	-1.45	19.20	<=33.01	Pass
			25	20.73	-1.45	19.28	<=33.01	Pass
			50	20.57	-1.45	19.12	<=33.01	Pass
		100	0	20.69	-1.45	19.24	<=33.01	Pass
64QAM	2506	1	0	20.87	-1.45	19.42	<=33.01	Pass
			50	20.98	-1.45	19.53	<=33.01	Pass
			99	20.84	-1.45	19.39	<=33.01	Pass
		50	0	20.14	-1.45	18.69	<=33.01	Pass
			25	20.07	-1.45	18.62	<=33.01	Pass
			50	20.21	-1.45	18.76	<=33.01	Pass
		100	0	20.05	-1.45	18.60	<=33.01	Pass
	2593	1	0	21.14	-1.45	19.69	<=33.01	Pass
			50	21.38	-1.45	19.93	<=33.01	Pass
			99	21.24	-1.45	19.79	<=33.01	Pass
		50	0	20.44	-1.45	18.99	<=33.01	Pass
			25	20.48	-1.45	19.03	<=33.01	Pass
			50	20.38	-1.45	18.93	<=33.01	Pass
		100	0	20.47	-1.45	19.02	<=33.01	Pass
	2680	1	0	21.24	-1.45	19.79	<=33.01	Pass
			50	21.25	-1.45	19.80	<=33.01	Pass
			99	21.28	-1.45	19.83	<=33.01	Pass
		50	0	20.48	-1.45	19.03	<=33.01	Pass
			25	20.71	-1.45	19.26	<=33.01	Pass
			50	20.73	-1.45	19.28	<=33.01	Pass
		100	0	20.65	-1.45	19.20	<=33.01	Pass
256QAM	2506	1	0	17.01	-1.45	15.56	<=33.01	Pass
			50	17.10	-1.45	15.65	<=33.01	Pass

			99	17.07	-1.45	15.62	<=33.01	Pass
		50	0	17.05	-1.45	15.60	<=33.01	Pass
			25	17.14	-1.45	15.69	<=33.01	Pass
			50	17.13	-1.45	15.68	<=33.01	Pass
		100	0	17.06	-1.45	15.61	<=33.01	Pass
	2593	1	0	17.42	-1.45	15.97	<=33.01	Pass
			50	17.35	-1.45	15.90	<=33.01	Pass
			99	17.35	-1.45	15.90	<=33.01	Pass
		50	0	17.48	-1.45	16.03	<=33.01	Pass
			25	17.44	-1.45	15.99	<=33.01	Pass
			50	17.37	-1.45	15.92	<=33.01	Pass
		100	0	17.35	-1.45	15.90	<=33.01	Pass
		2680	1	0	17.66	-1.45	16.21	<=33.01
	50			17.55	-1.45	16.10	<=33.01	Pass
	99			17.52	-1.45	16.07	<=33.01	Pass
	50		0	17.60	-1.45	16.15	<=33.01	Pass
			25	17.60	-1.45	16.15	<=33.01	Pass
			50	17.69	-1.45	16.24	<=33.01	Pass
	100		0	17.57	-1.45	16.12	<=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	3.900	0.0015	-2.5 to 2.5	Pass
					NV	2.100	0.0008	-2.5 to 2.5	Pass
					HV	0.600	0.0002	-2.5 to 2.5	Pass
				-30	NV	-0.800	-0.0003	-2.5 to 2.5	Pass
				-20	NV	2.000	0.0008	-2.5 to 2.5	Pass
				-10	NV	2.500	0.0010	-2.5 to 2.5	Pass
				0	NV	1.000	0.0004	-2.5 to 2.5	Pass
				10	NV	-1.200	-0.0005	-2.5 to 2.5	Pass
				30	NV	0.100	0.0000	-2.5 to 2.5	Pass
				40	NV	5.200	0.0020	-2.5 to 2.5	Pass
				50	NV	-1.400	-0.0005	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

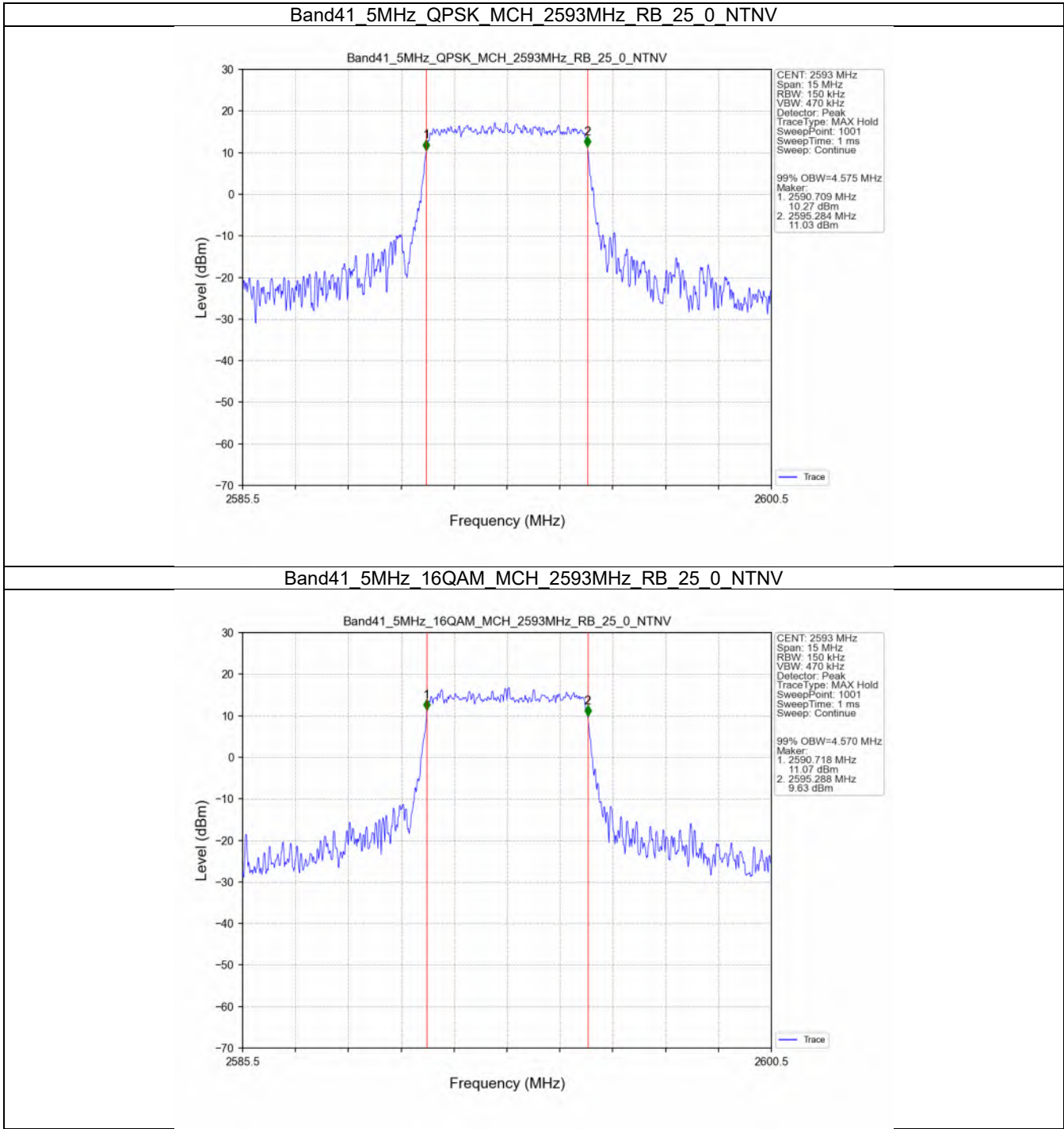
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.575	/	Pass
	16QAM	2593	25	0	4.570	/	Pass
	64QAM	2593	25	0	4.559	/	Pass
	256QAM	2593	25	0	4.574	/	Pass
10	QPSK	2593	50	0	9.083	/	Pass
	16QAM	2593	50	0	9.104	/	Pass
	64QAM	2593	50	0	9.103	/	Pass
	256QAM	2593	50	0	9.085	/	Pass
15	QPSK	2593	75	0	13.647	/	Pass
	16QAM	2593	75	0	13.629	/	Pass
	64QAM	2593	75	0	13.674	/	Pass
	256QAM	2593	75	0	13.650	/	Pass
20	QPSK	2593	100	0	18.171	/	Pass
	16QAM	2593	100	0	18.139	/	Pass
	64QAM	2593	100	0	18.177	/	Pass
	256QAM	2593	100	0	18.165	/	Pass

3.1.2 Band41_XDB

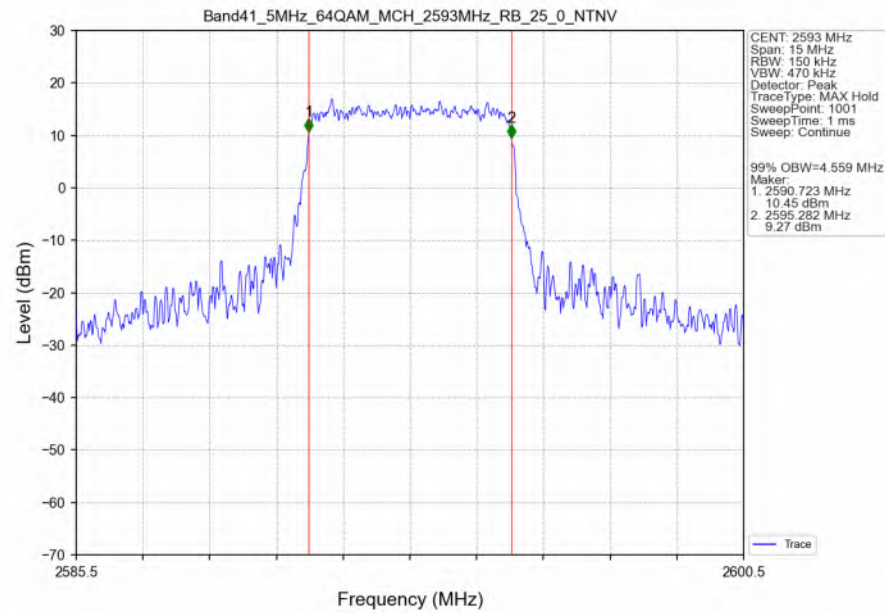
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.262	/	Pass
	16QAM	2593	25	0	5.234	/	Pass
	64QAM	2593	25	0	5.215	/	Pass
	256QAM	2593	25	0	6.041	/	Pass
10	QPSK	2593	50	0	10.631	/	Pass
	16QAM	2593	50	0	11.359	/	Pass
	64QAM	2593	50	0	11.111	/	Pass
	256QAM	2593	50	0	11.200	/	Pass
15	QPSK	2593	75	0	16.213	/	Pass
	16QAM	2593	75	0	16.780	/	Pass
	64QAM	2593	75	0	15.602	/	Pass
	256QAM	2593	75	0	16.471	/	Pass
20	QPSK	2593	100	0	22.547	/	Pass
	16QAM	2593	100	0	23.102	/	Pass
	64QAM	2593	100	0	22.293	/	Pass
	256QAM	2593	100	0	21.979	/	Pass

3.2 Test Graph

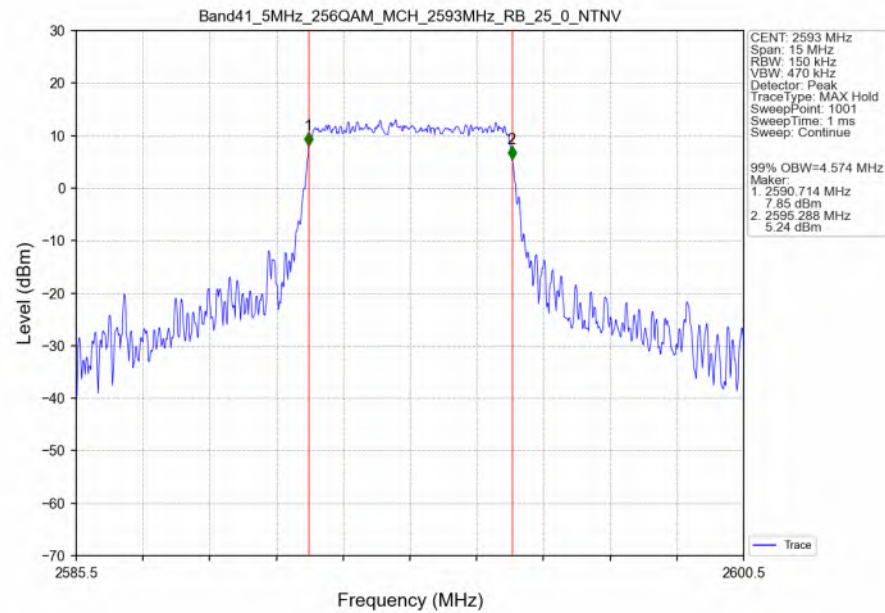
3.2.1 Band41_OBW



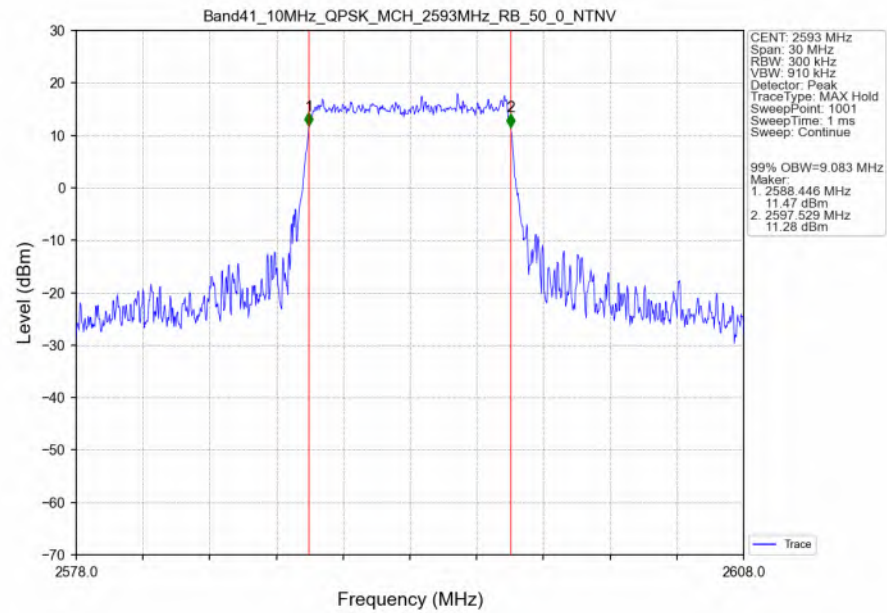
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTNV



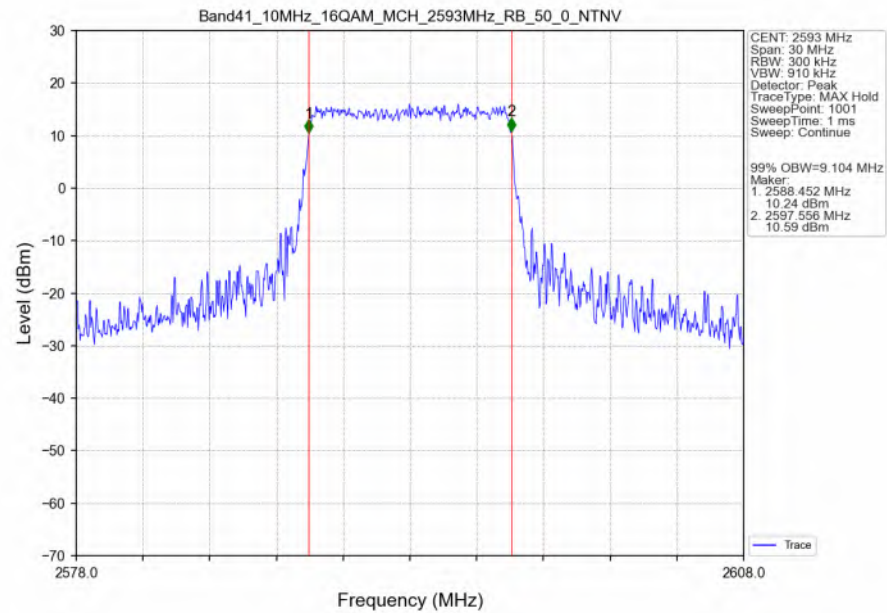
Band41 5MHz 256QAM MCH 2593MHz RB 25 0 NTNV



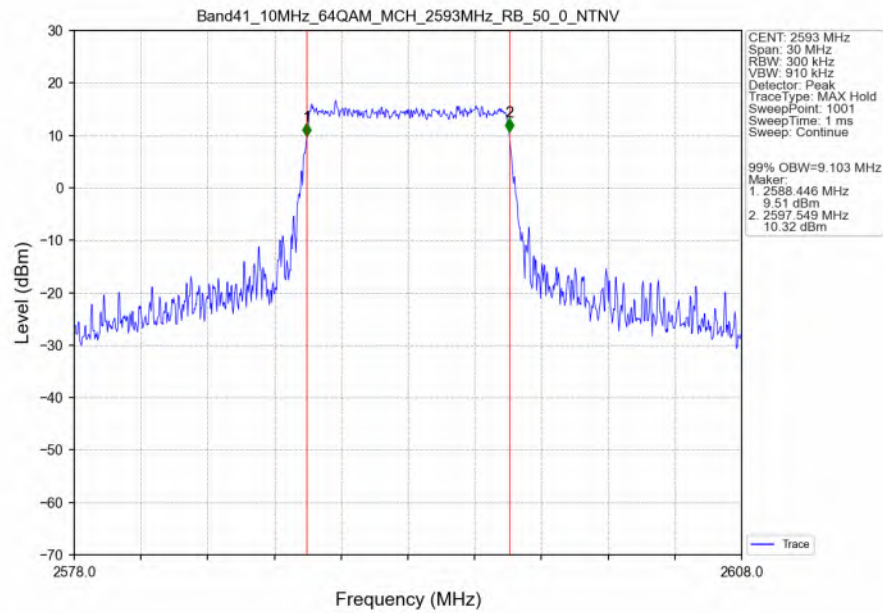
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTV



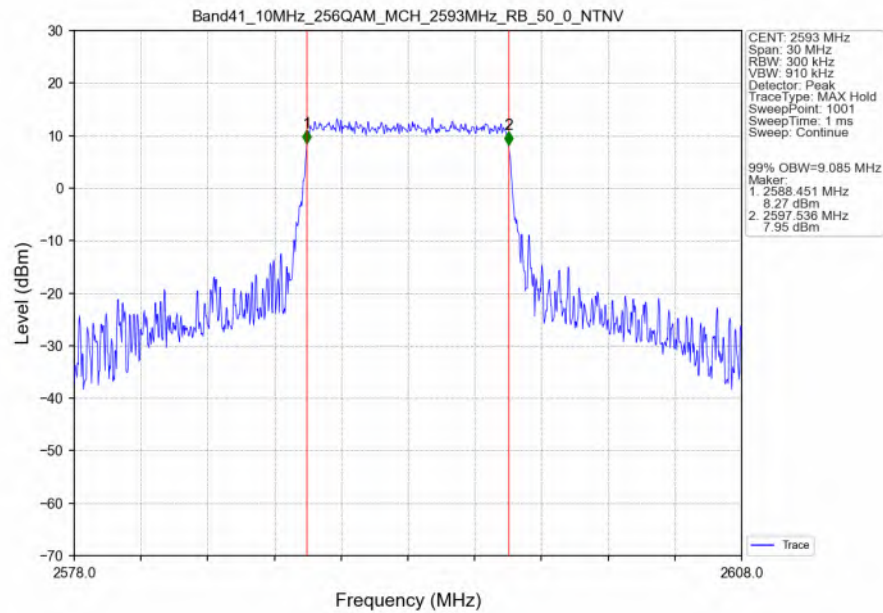
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTV



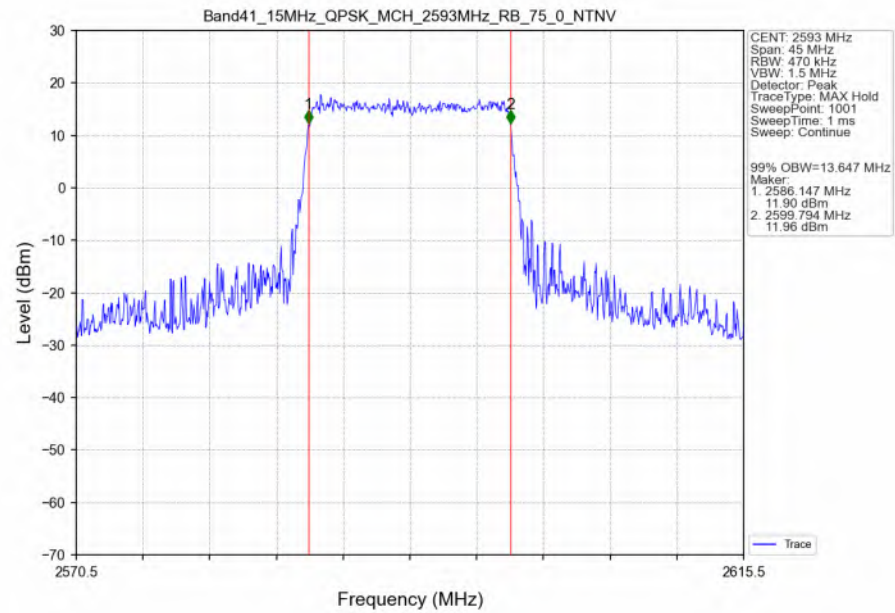
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTV



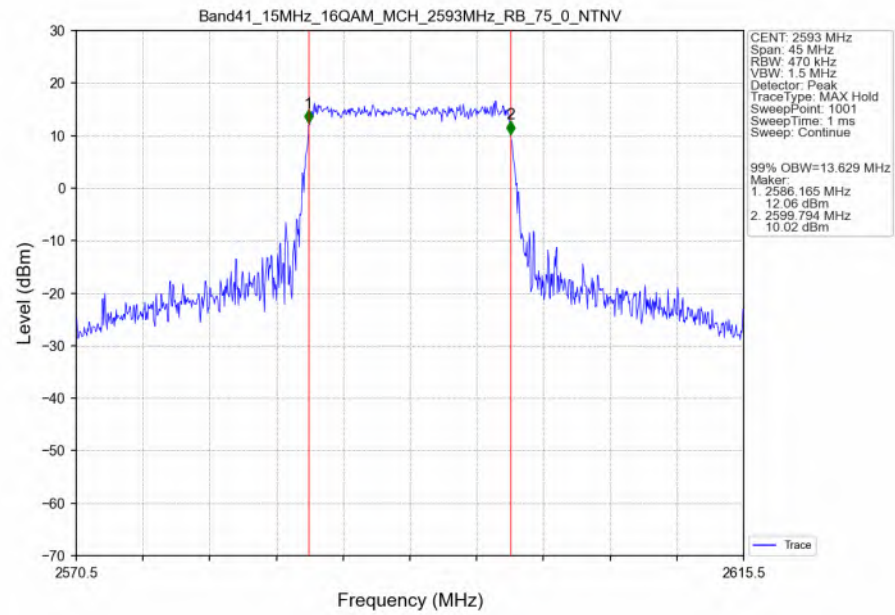
Band41 10MHz 256QAM MCH 2593MHz RB 50 0 NTV



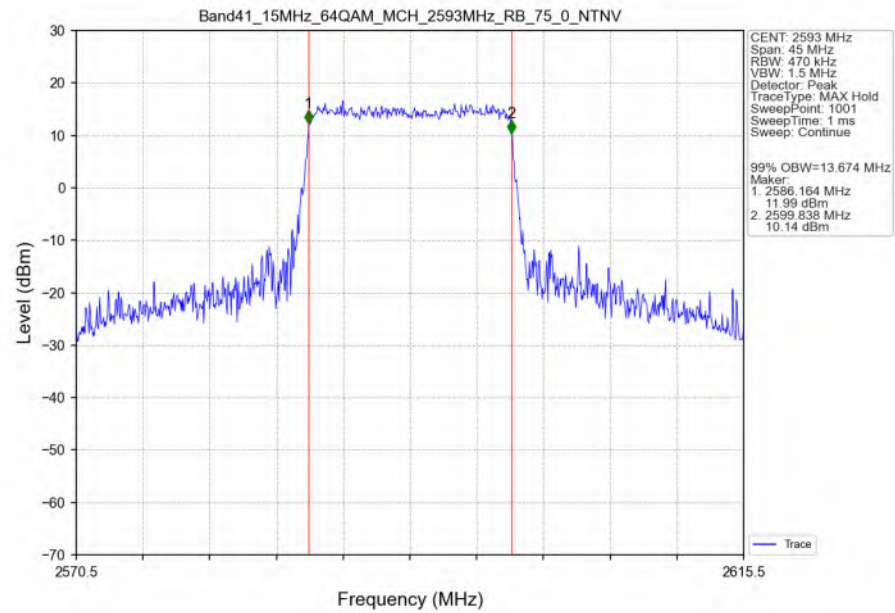
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



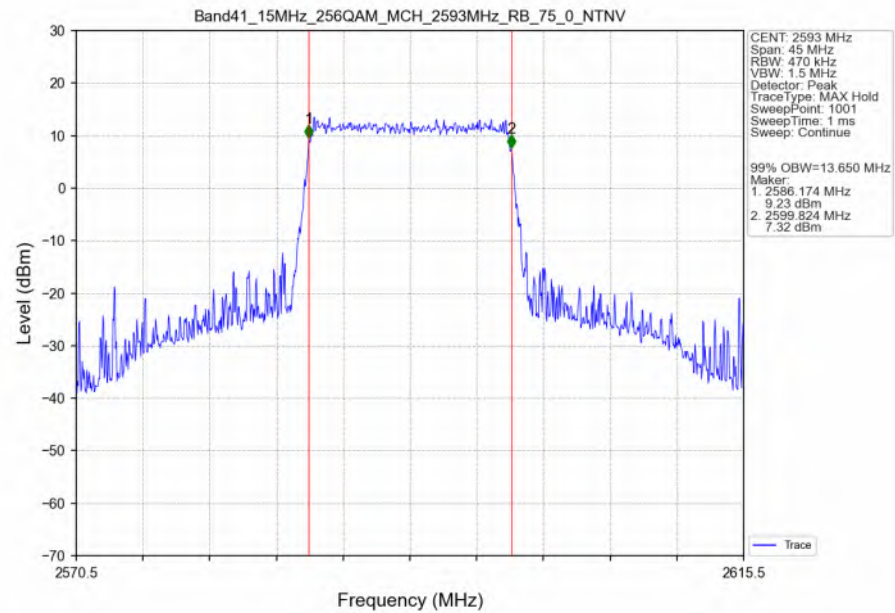
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



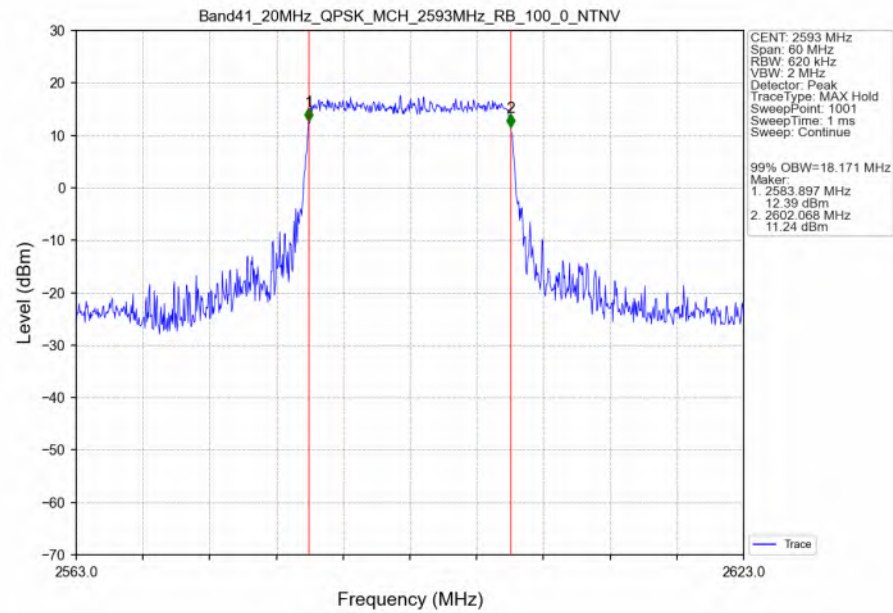
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTV



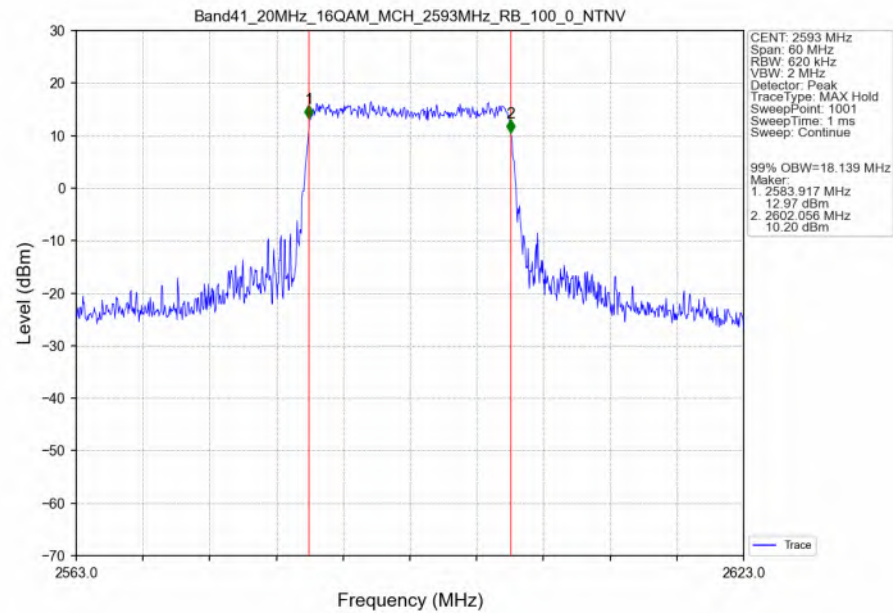
Band41 15MHz 256QAM MCH 2593MHz RB 75 0 NTV



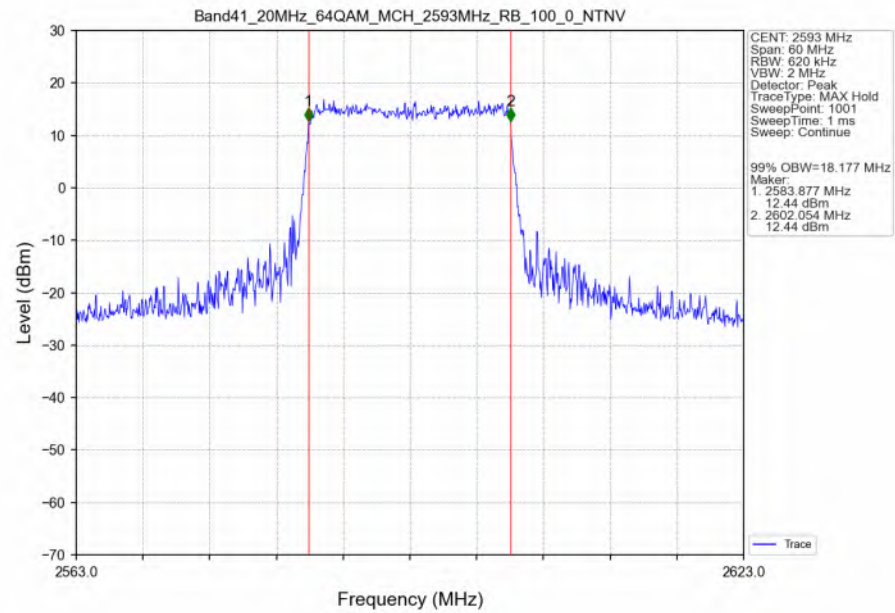
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV



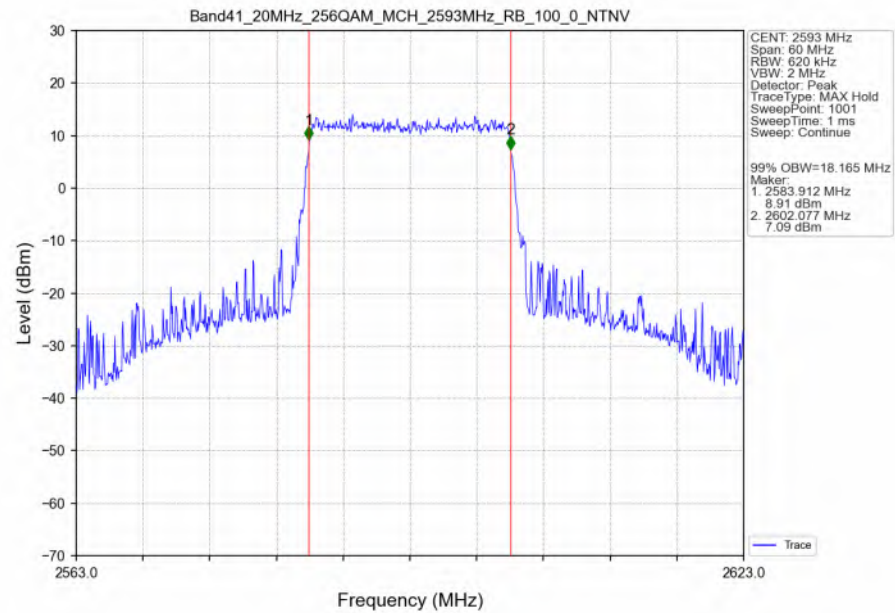
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTV



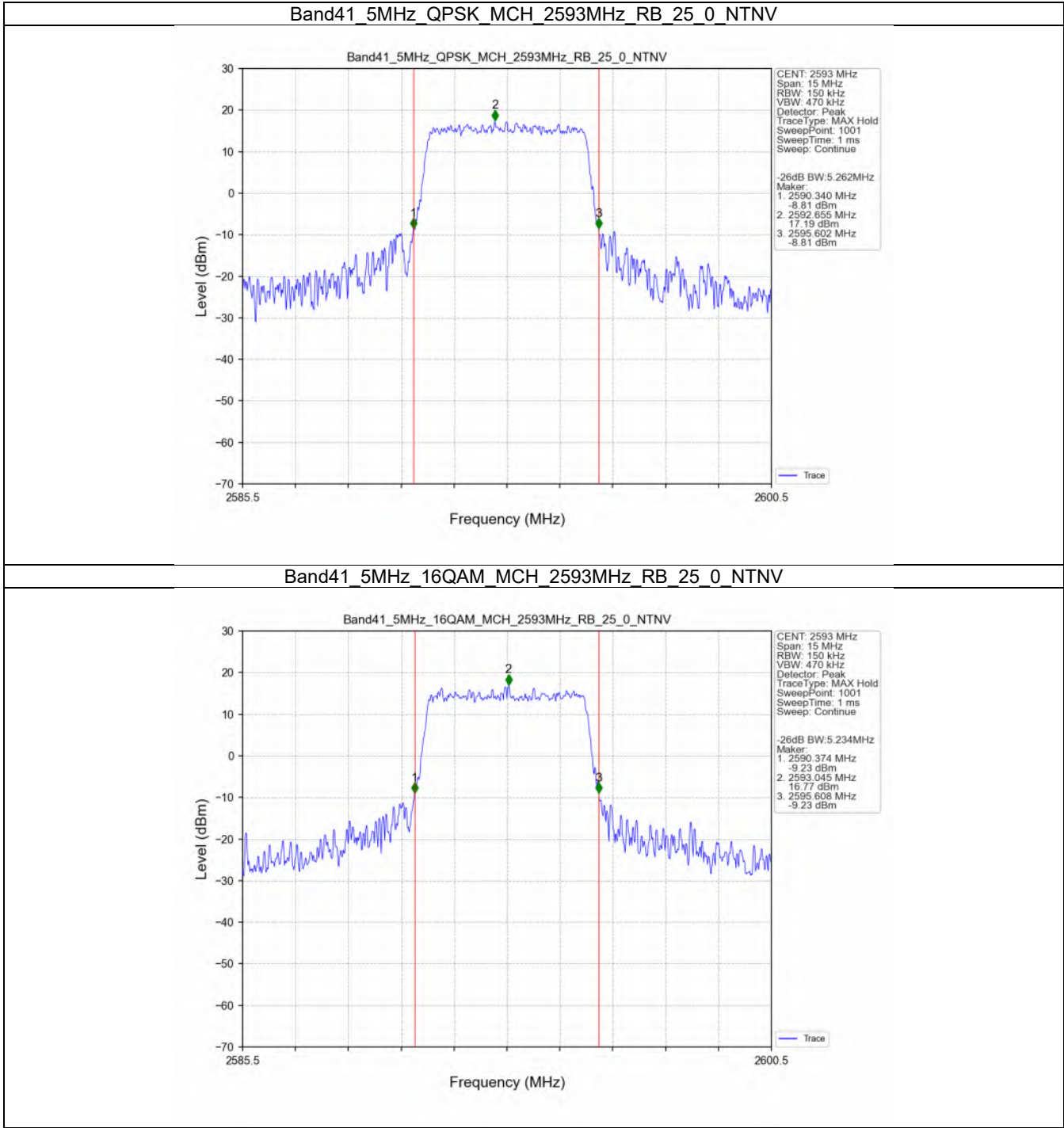
Band41 20MHz 64QAM MCH 2593MHz RB 100 0 NTV



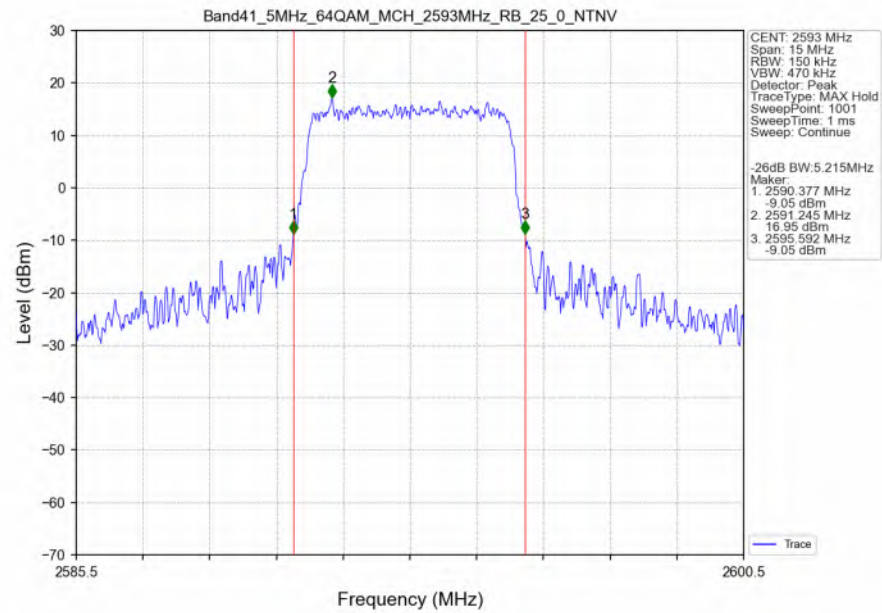
Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTV



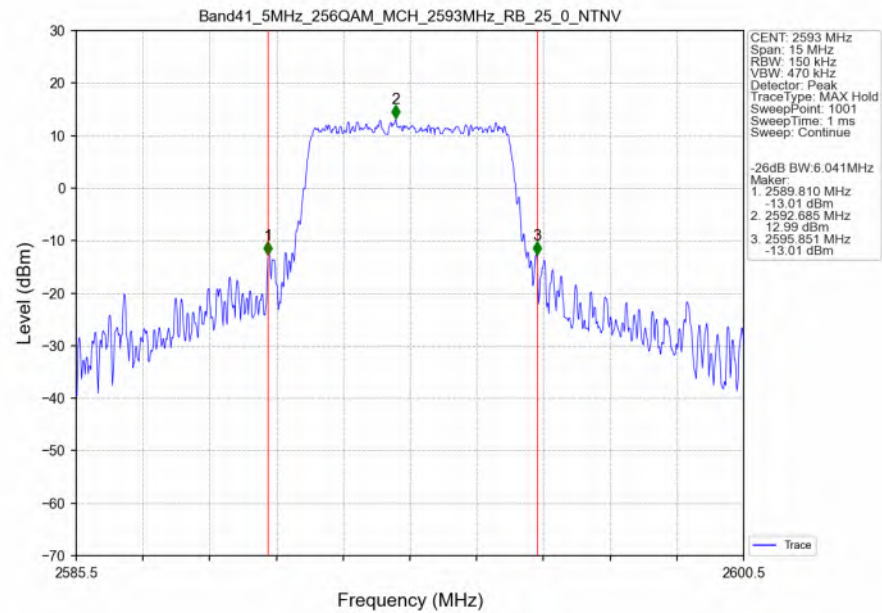
3.2.2 Band41_XDB



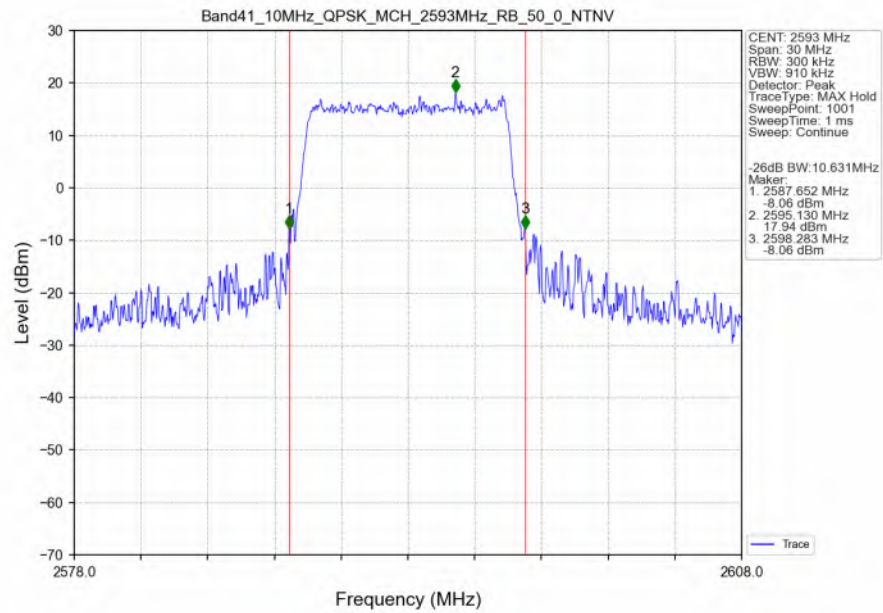
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTN



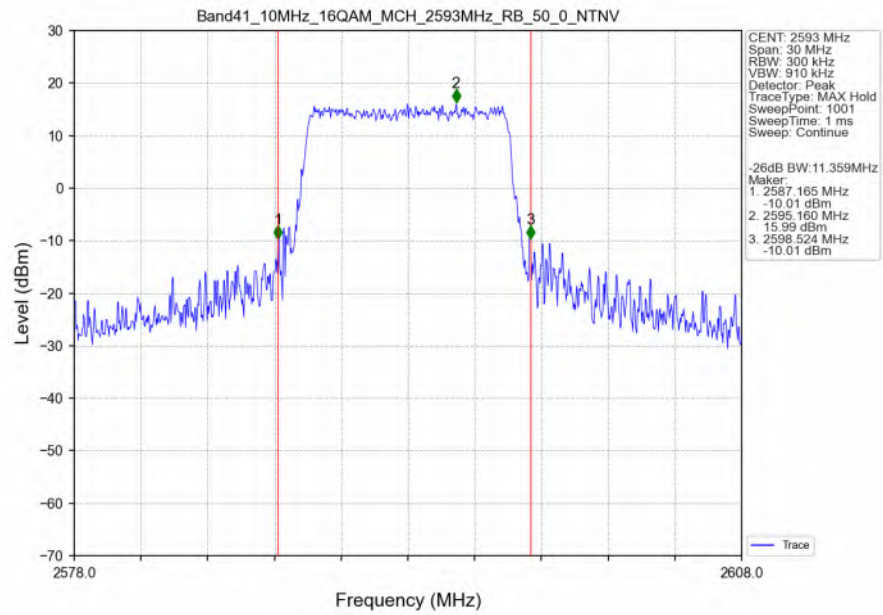
Band41 5MHz 256QAM MCH 2593MHz RB 25 0 NTN



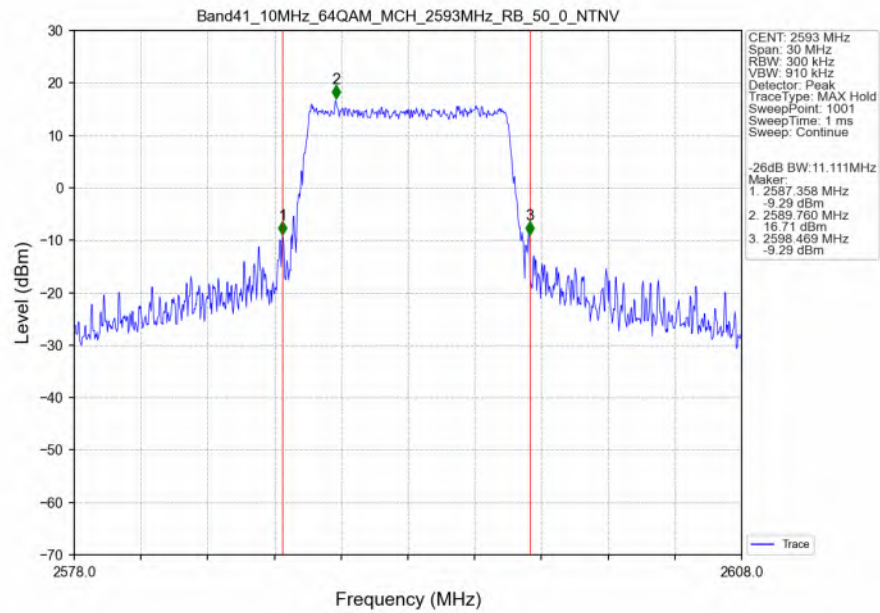
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTNV



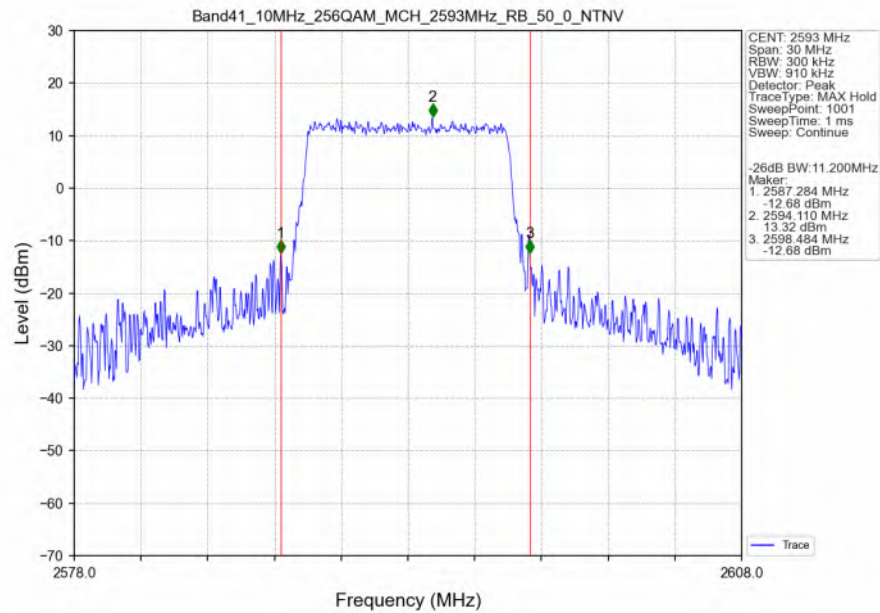
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



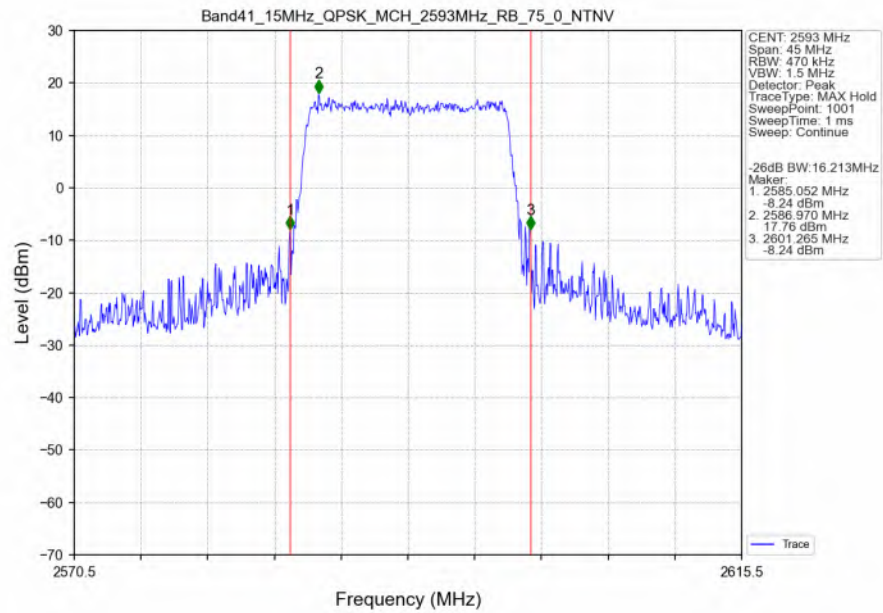
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTV



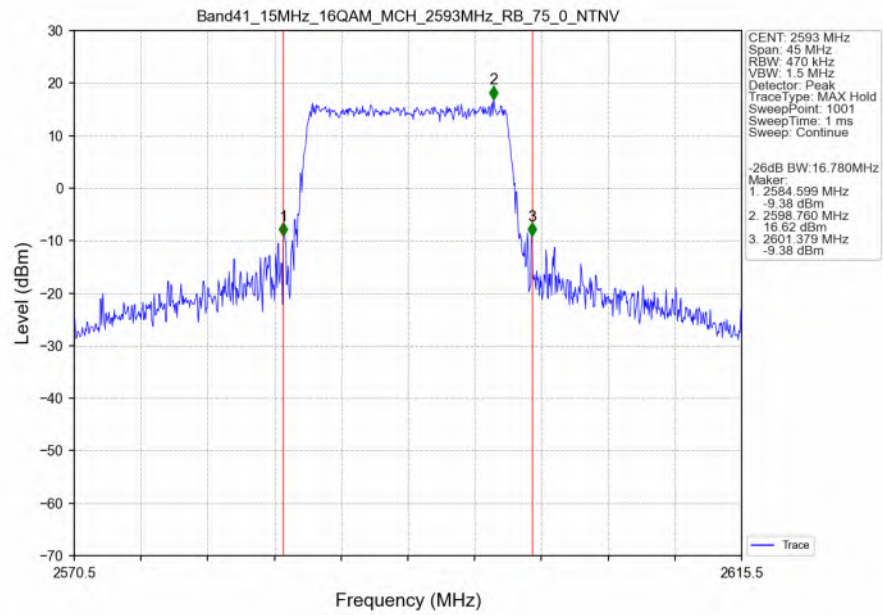
Band41 10MHz 256QAM MCH 2593MHz RB 50 0 NTV



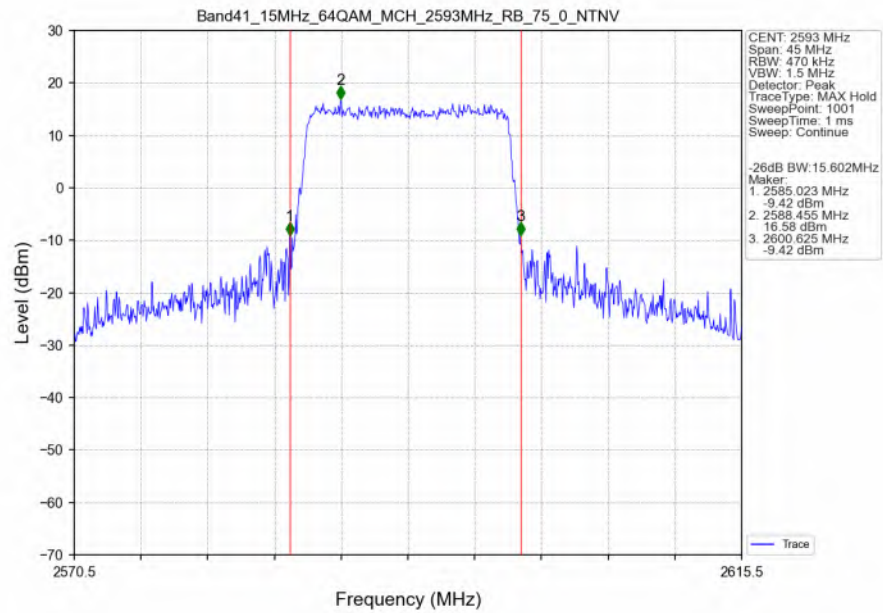
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



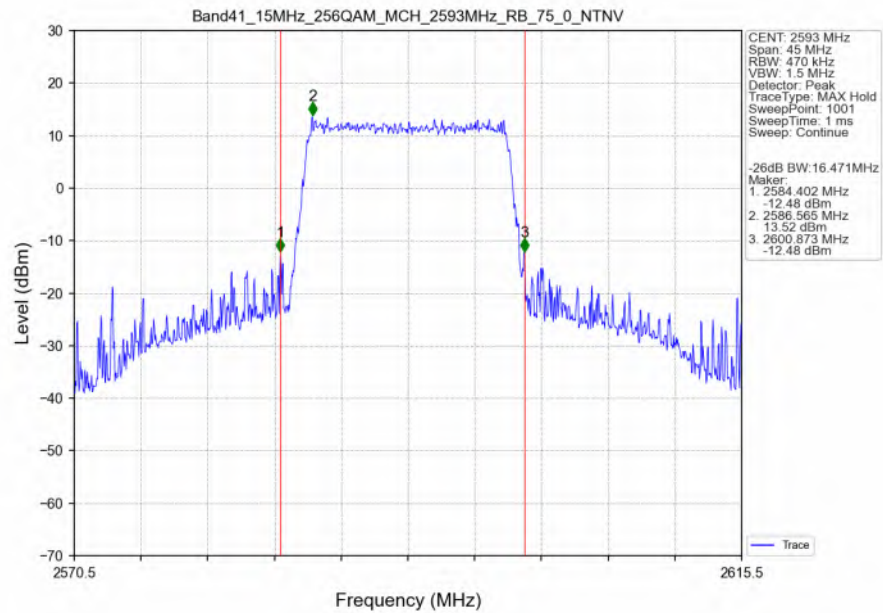
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



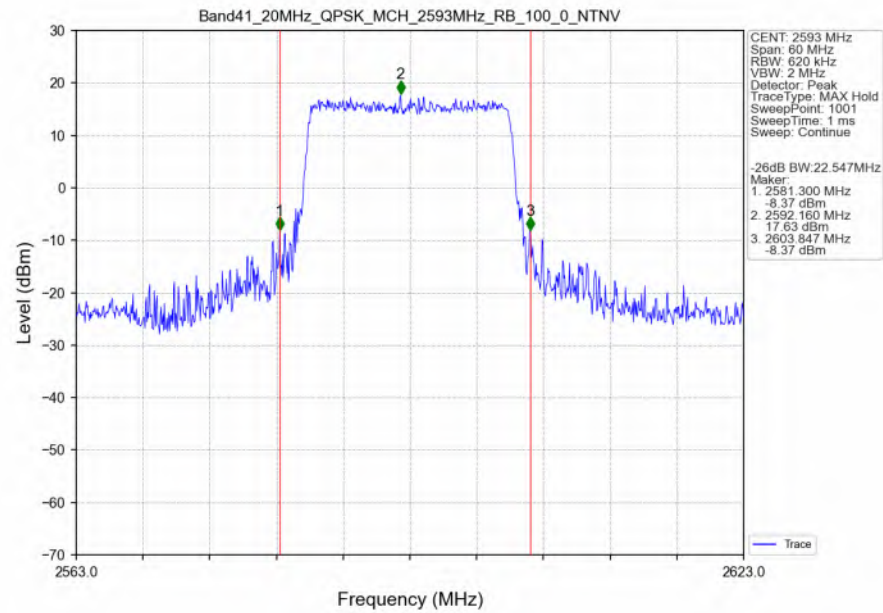
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTV



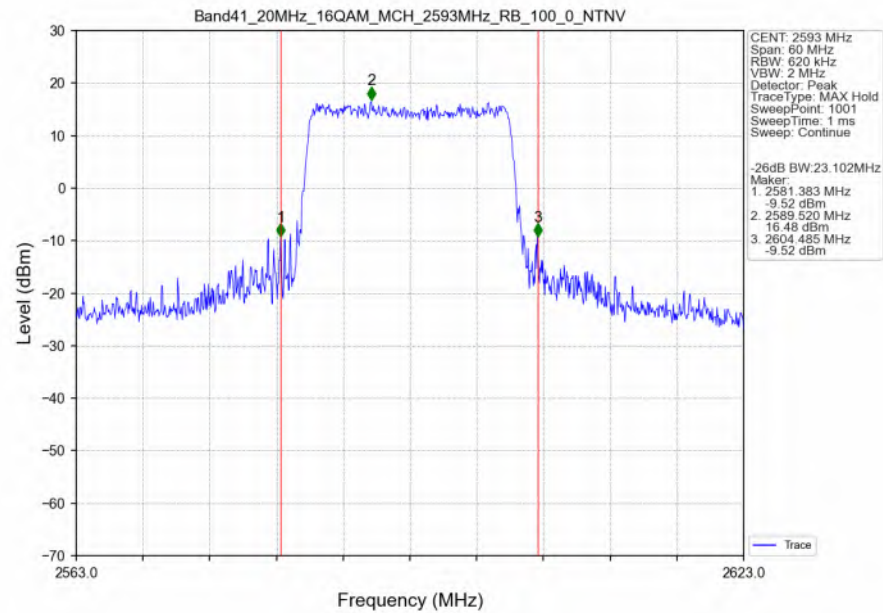
Band41 15MHz 256QAM MCH 2593MHz RB 75 0 NTV



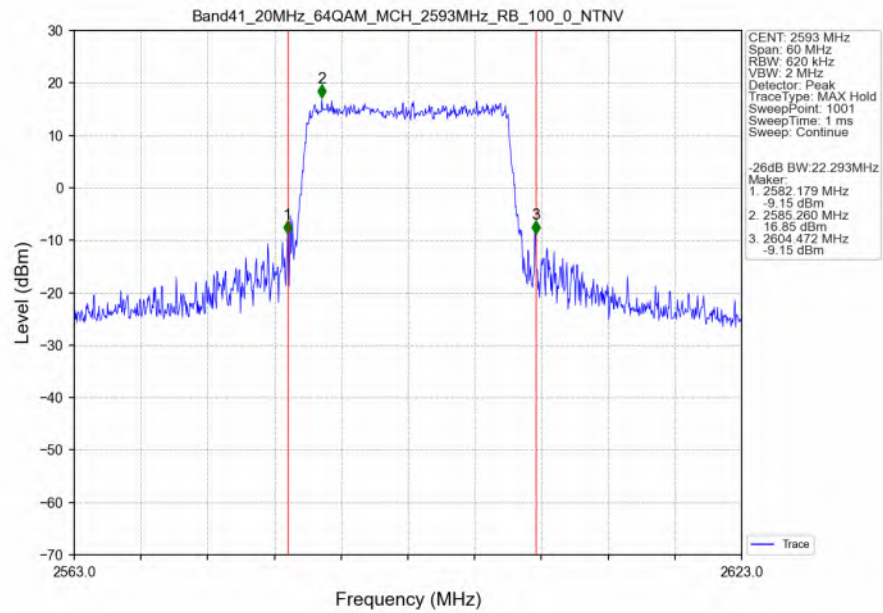
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV



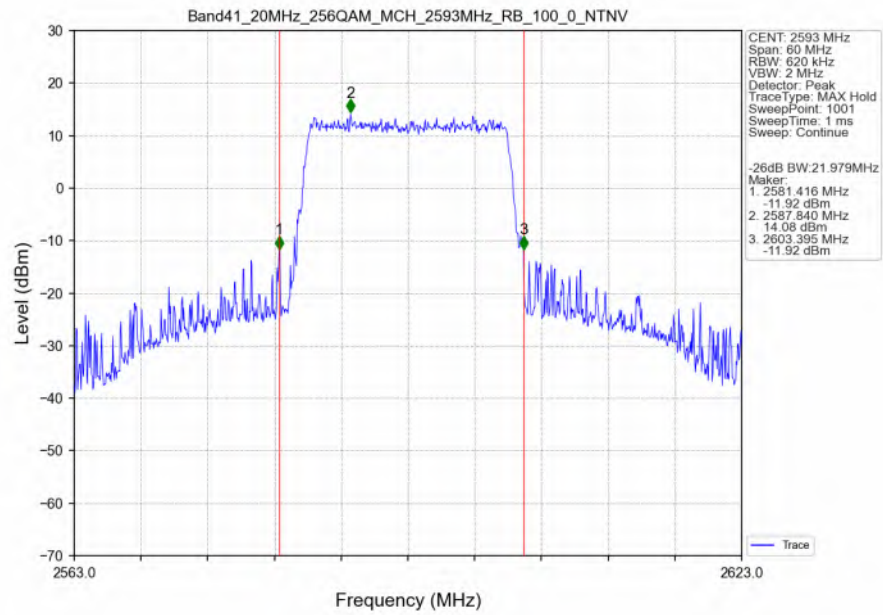
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTV



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



Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTN



4. Peak-Average Ratio

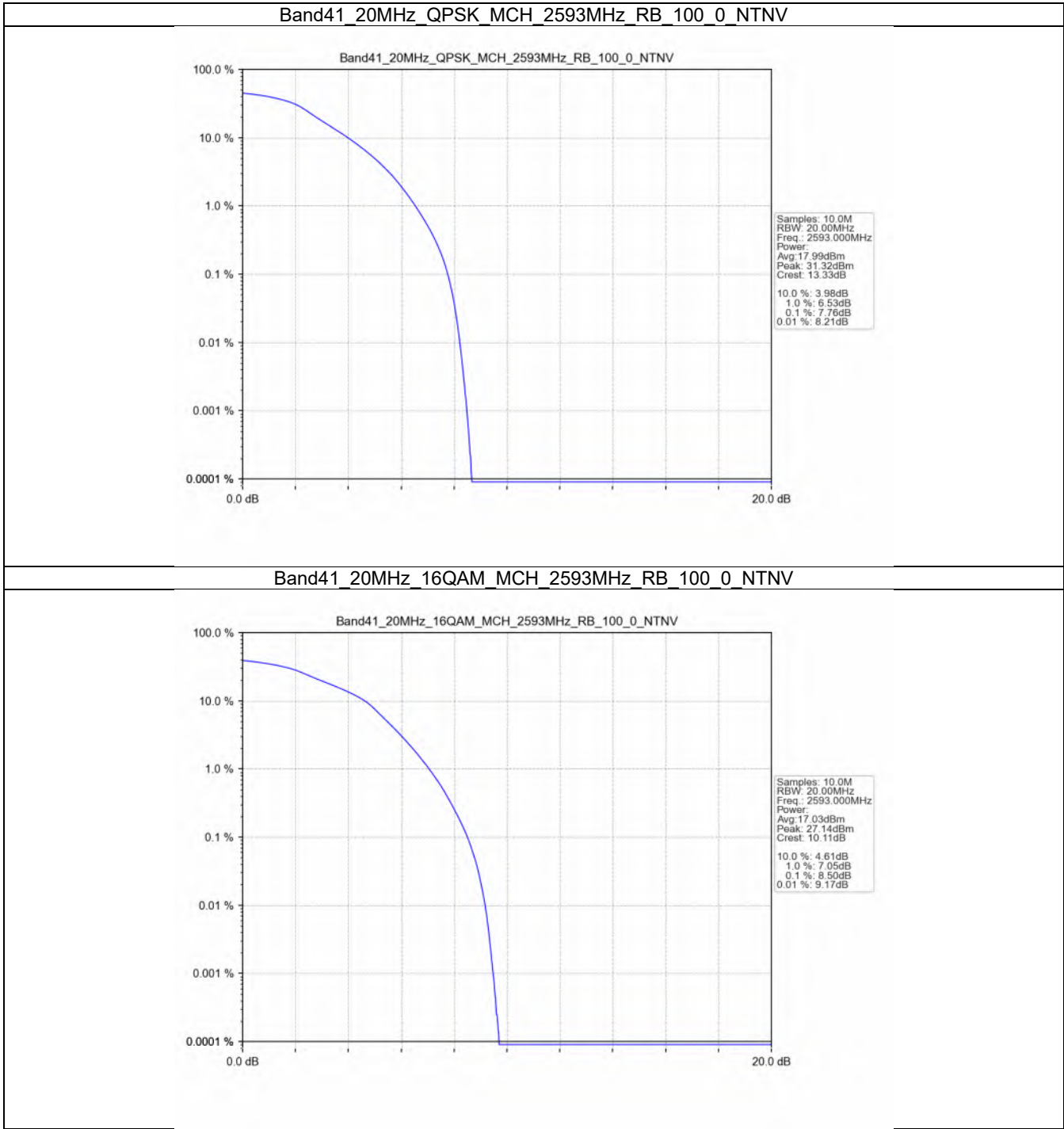
4.1 Test Result

4.1.1 B41_20MHz

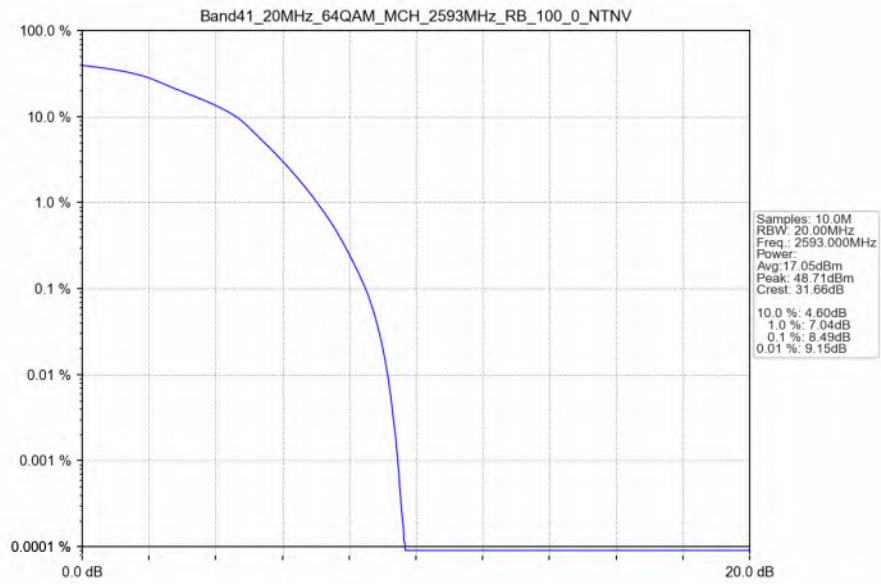
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	7.76	<=13	Pass
16QAM	2593	100	0	8.50	<=13	Pass
64QAM	2593	100	0	8.49	<=13	Pass
256QAM	2593	100	0	8.93	<=13	Pass

4.2 Test Graph

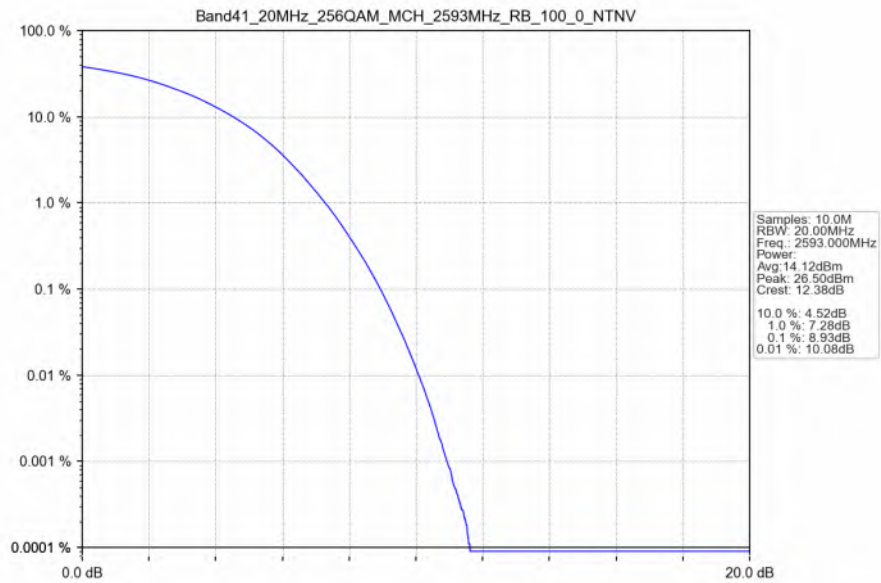
4.2.1 B41_20MHz



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



Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTV



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

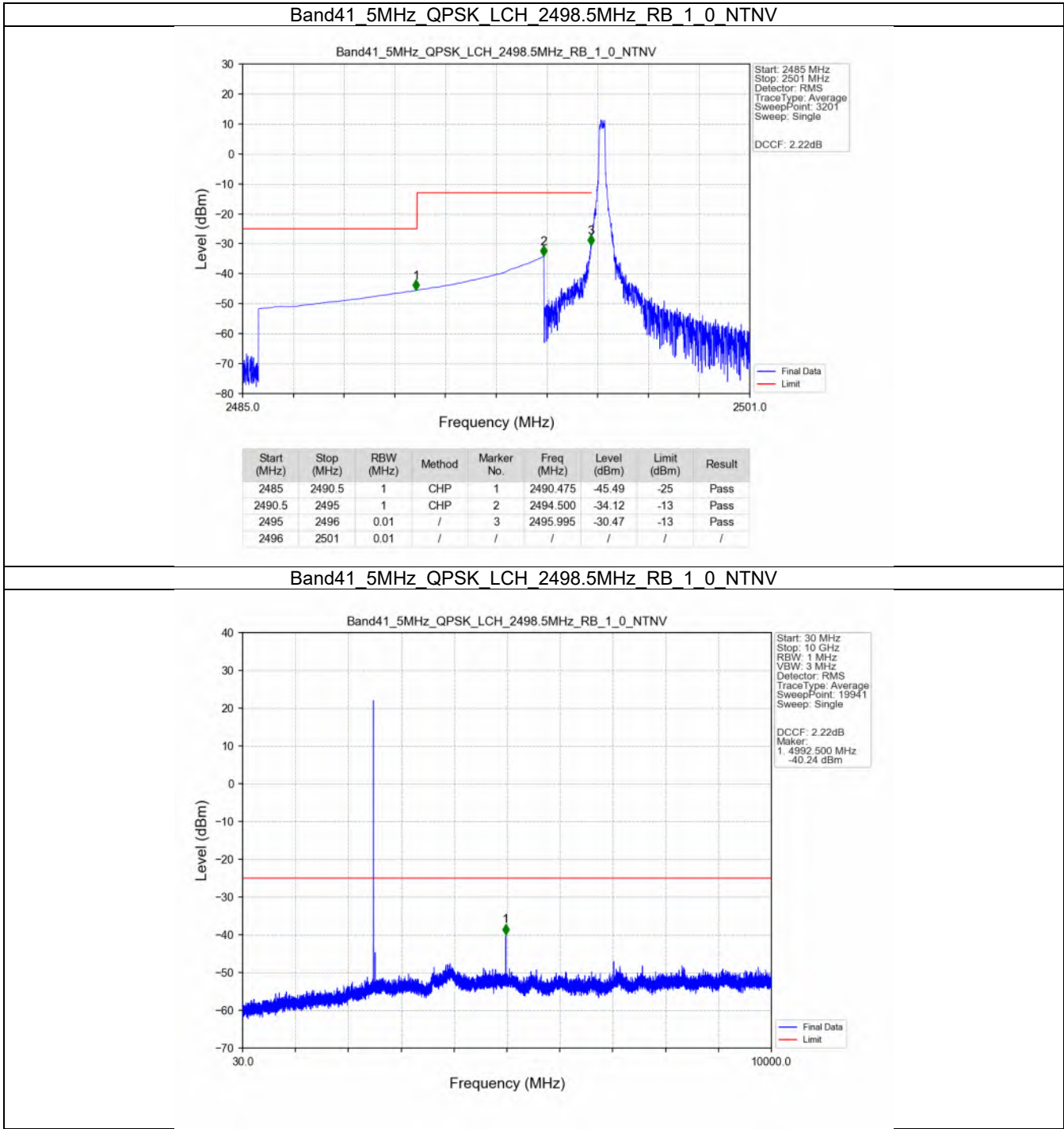
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B41_20MHz

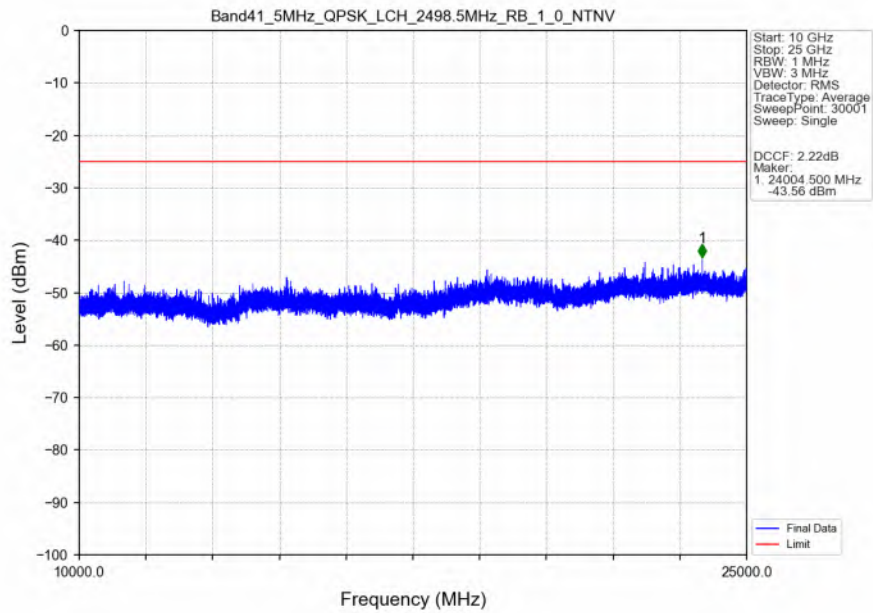
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

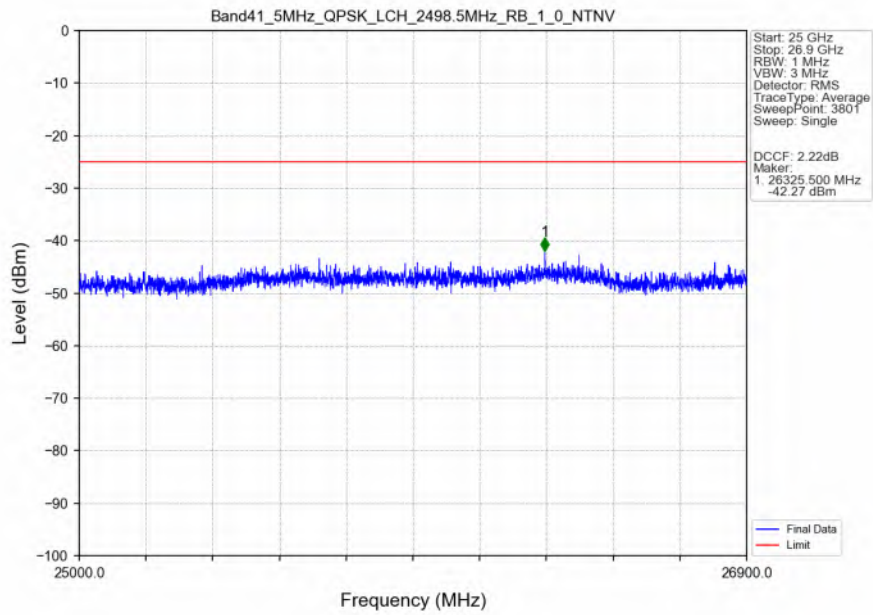
5.2.1 B41_5MHz



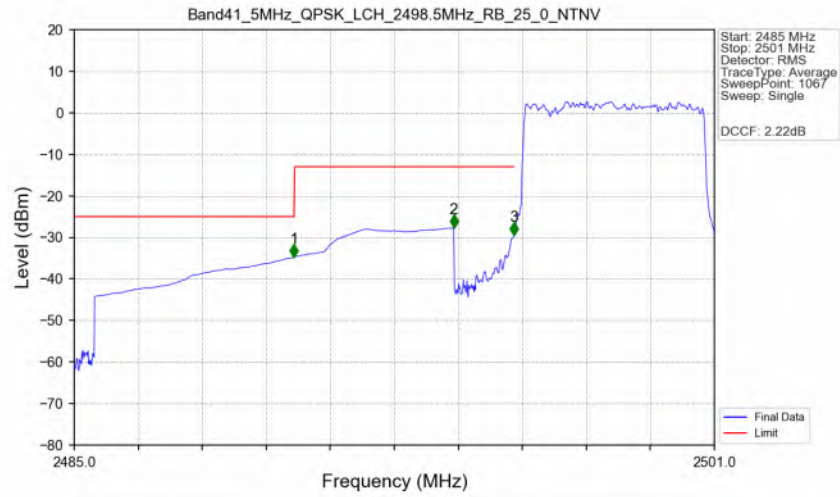
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV



Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV

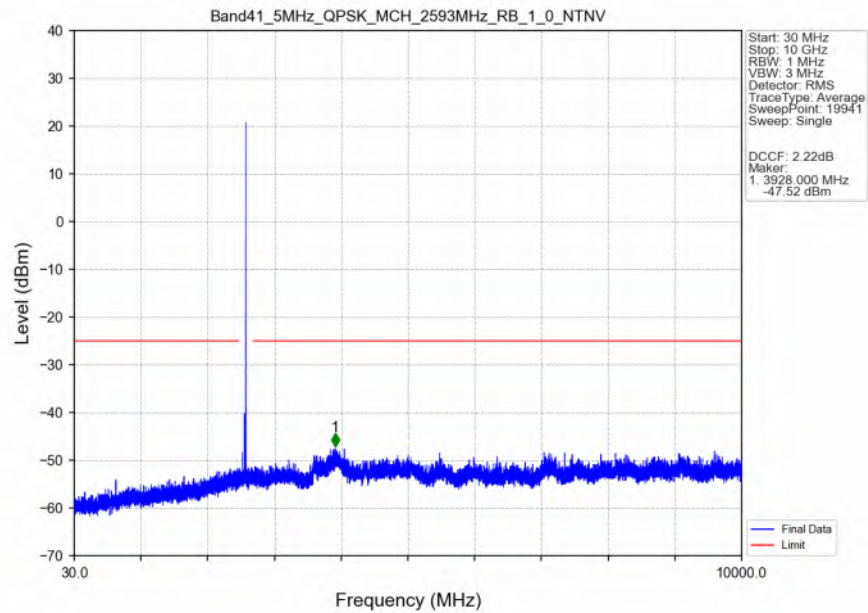


Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTNV

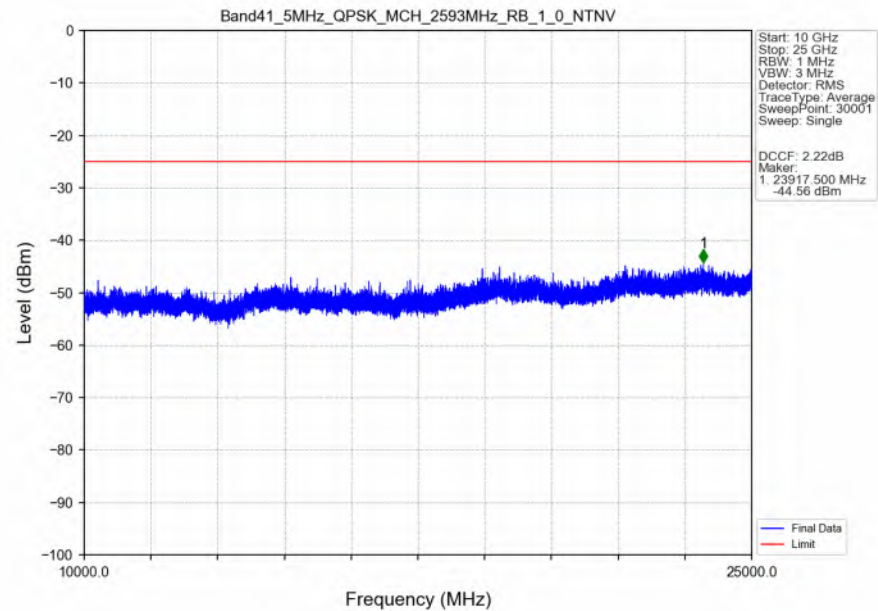


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-34.72	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-27.69	-13	Pass
2495	2496	0.053	CHP	3	2495.987	-29.44	-13	Pass
2496	2501	0.053	CHP	/	/	/	/	/

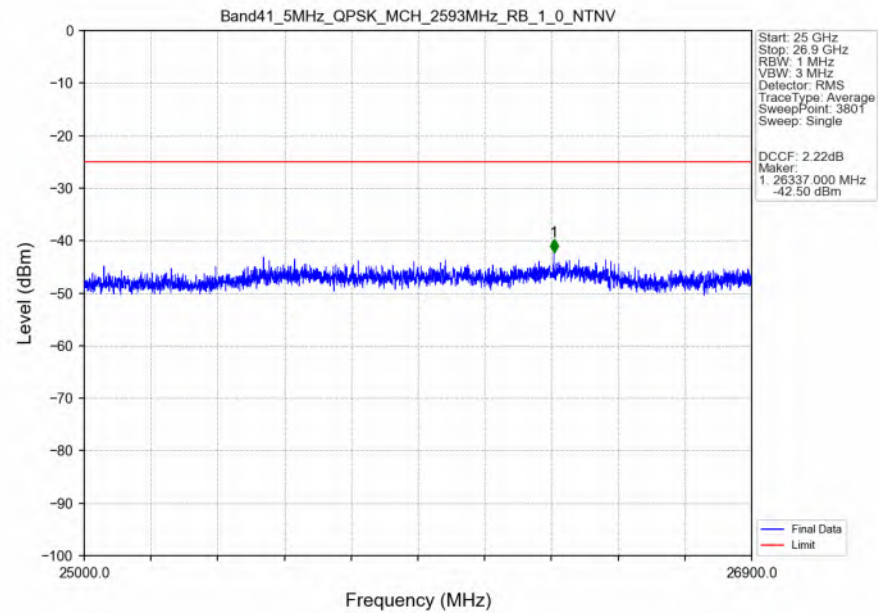
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTNV



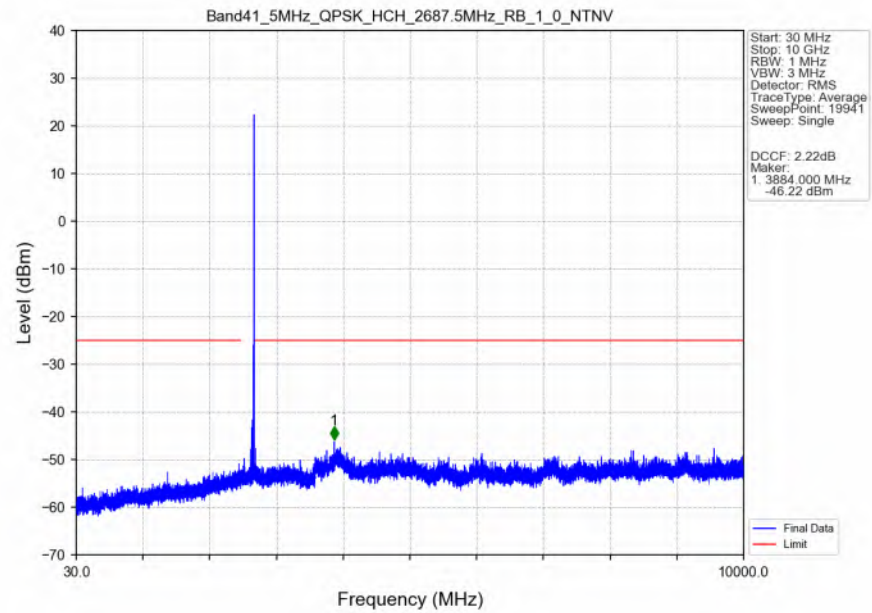
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



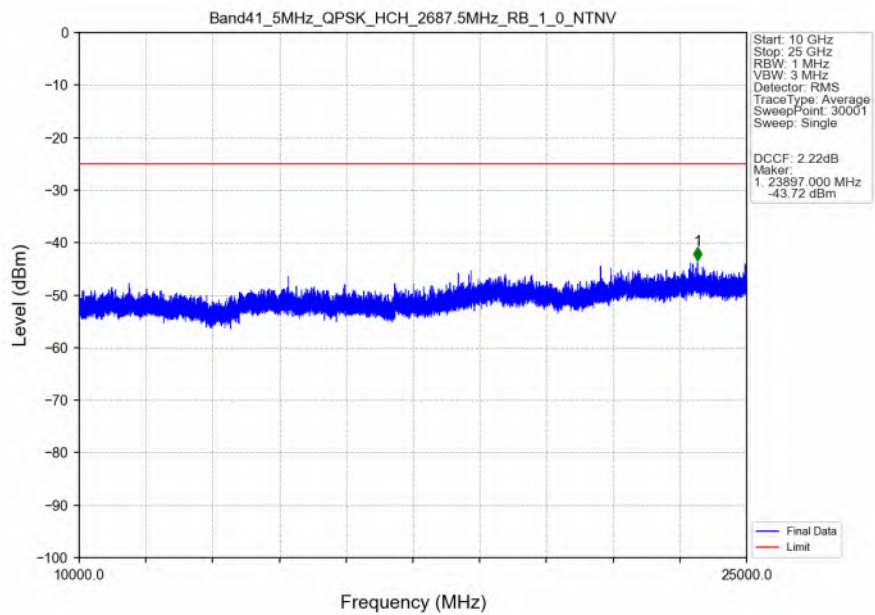
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



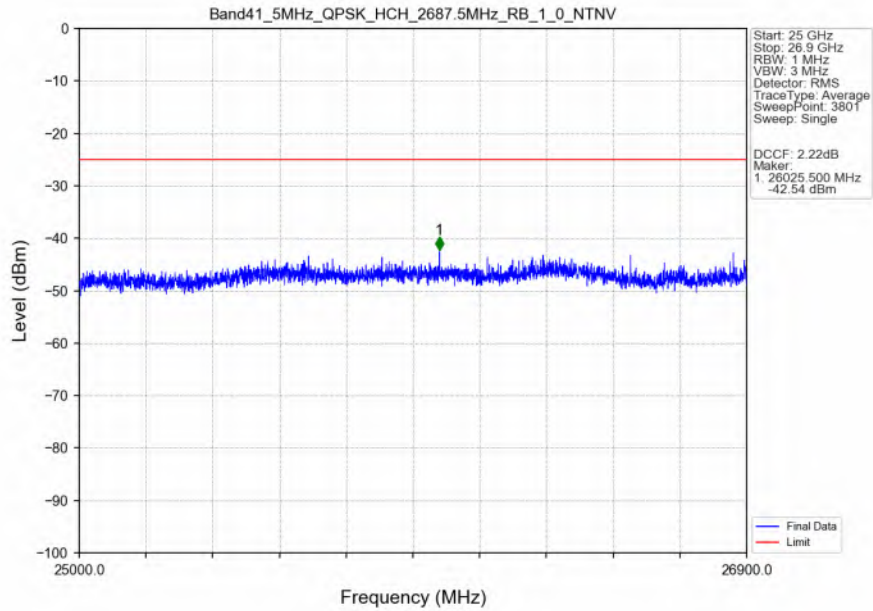
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



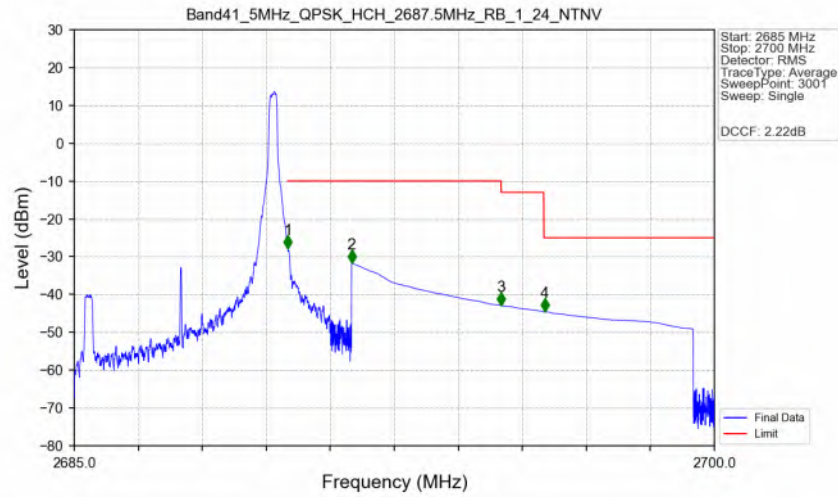
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV

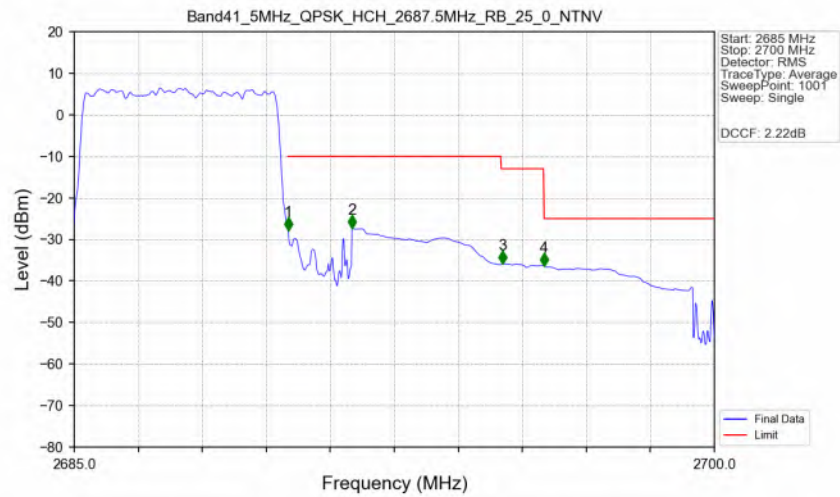


Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTV



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	-27.93	-10	Pass
2691	2695	1	CHP	2	2691.500	-31.70	-10	Pass
2695	2696	1	CHP	3	2695.005	-42.95	-13	Pass
2696	2700	1	CHP	4	2696.020	-44.51	-25	Pass

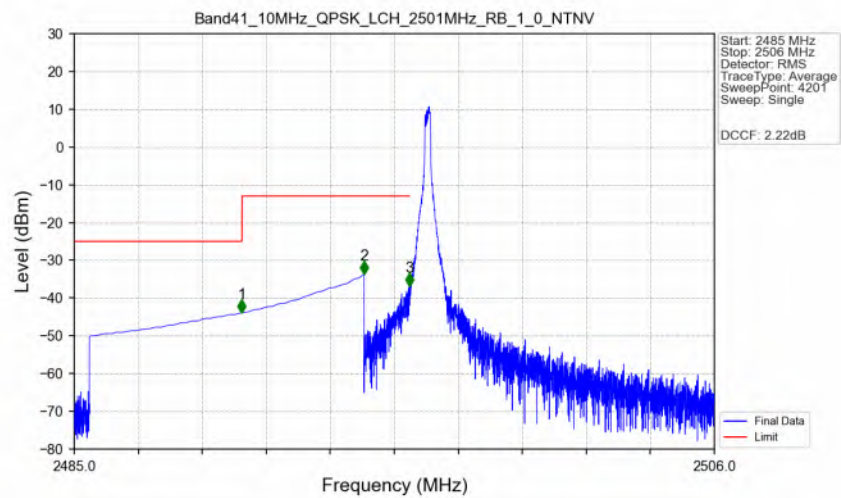
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.105	CHP	/	/	/	/	/
2690	2691	0.105	CHP	1	2690.010	-27.89	-10	Pass
2691	2695	1	CHP	2	2691.510	-27.28	-10	Pass
2695	2696	1	CHP	3	2695.035	-35.91	-13	Pass
2696	2700	1	CHP	4	2696.010	-36.43	-25	Pass

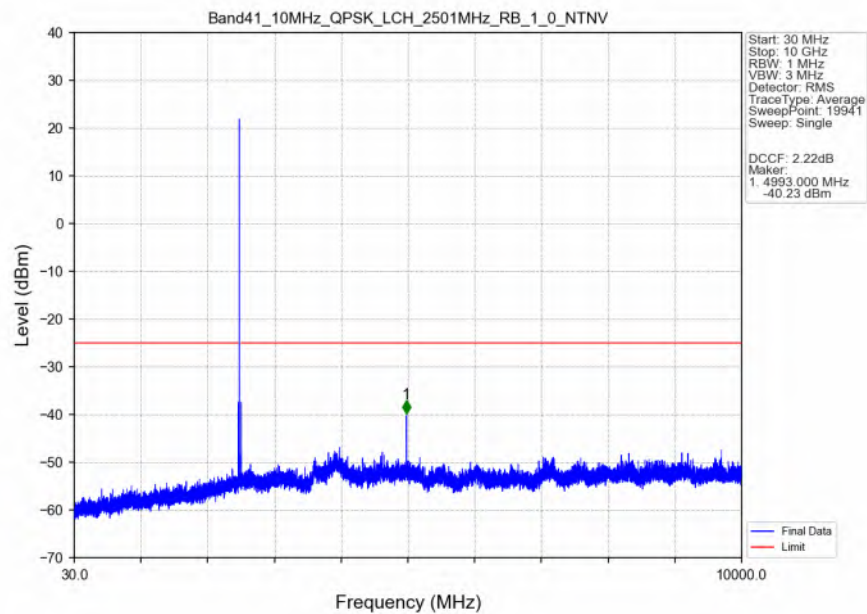
5.2.2 B41_10MHz

Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

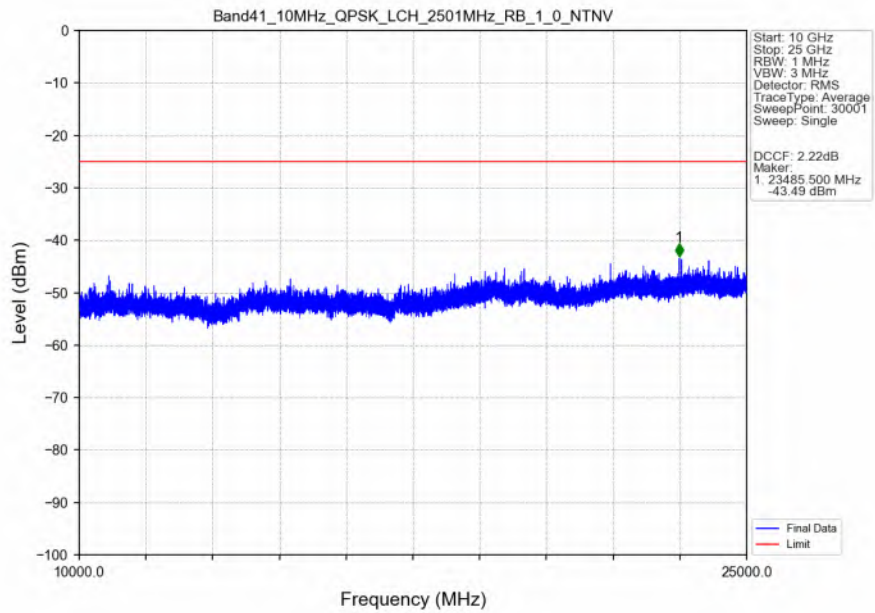


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-43.86	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-33.75	-13	Pass
2495	2496	0.01	/	3	2495.985	-36.79	-13	Pass
2496	2506	0.01	/	/	/	/	/	/

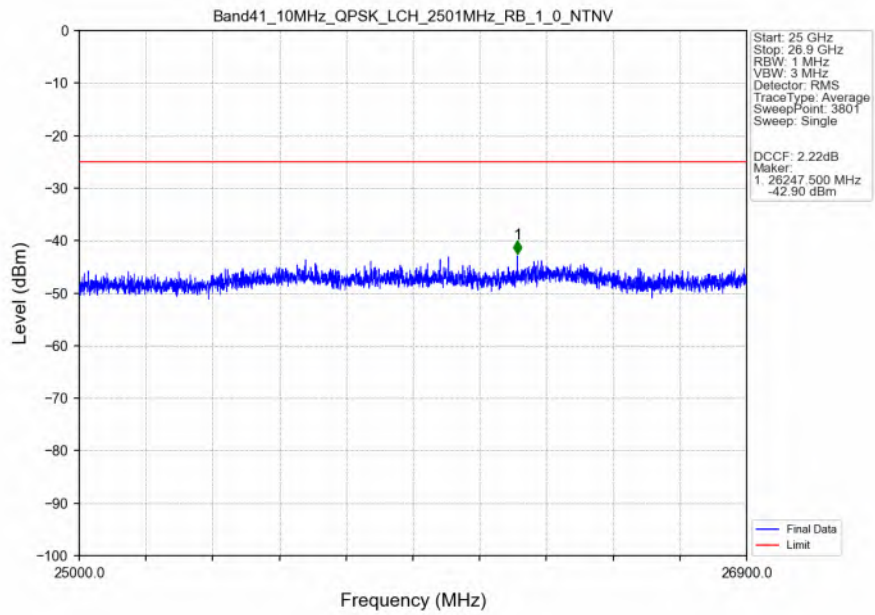
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



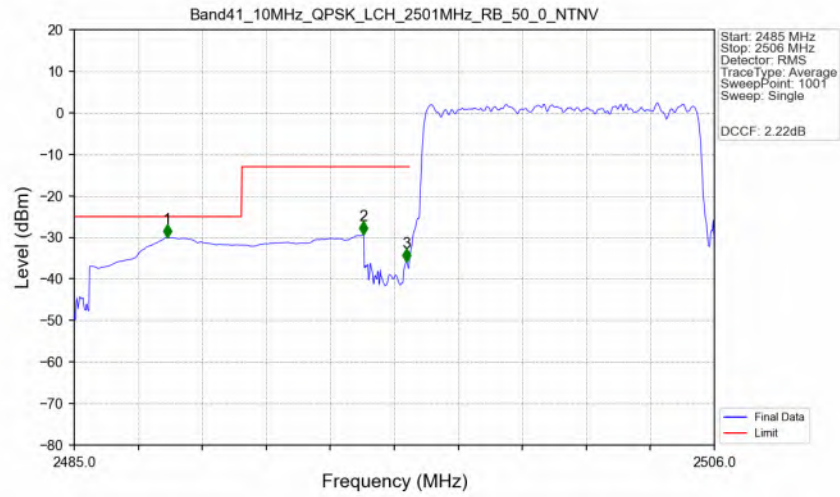
Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTN



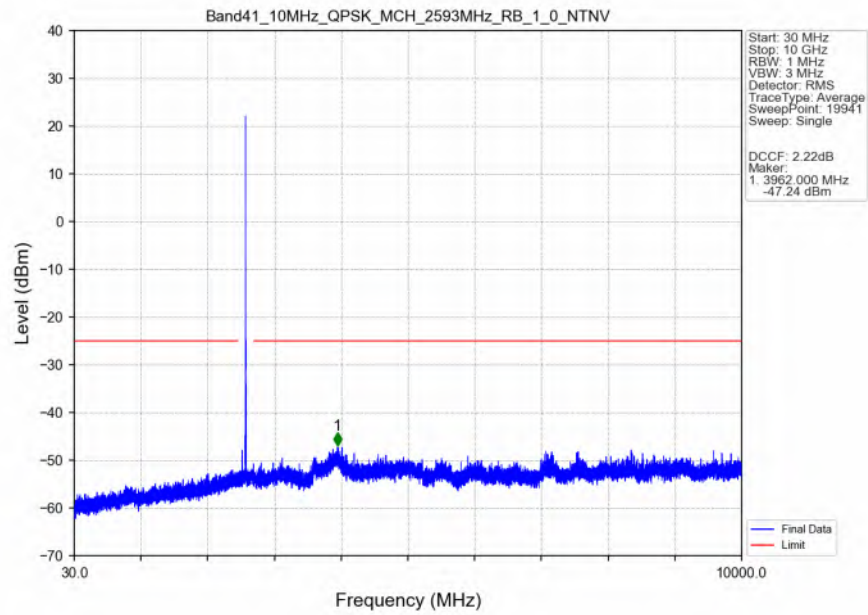
Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTN



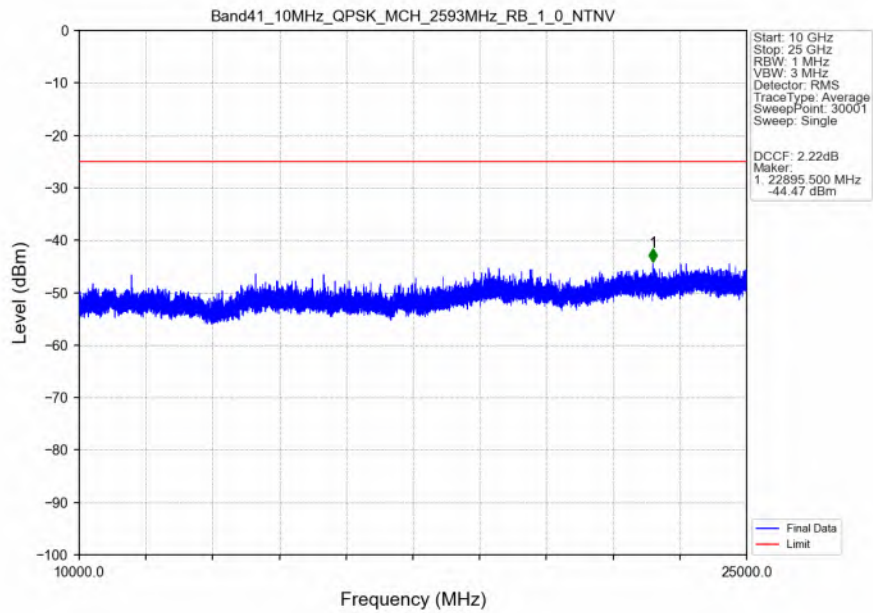
Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTV



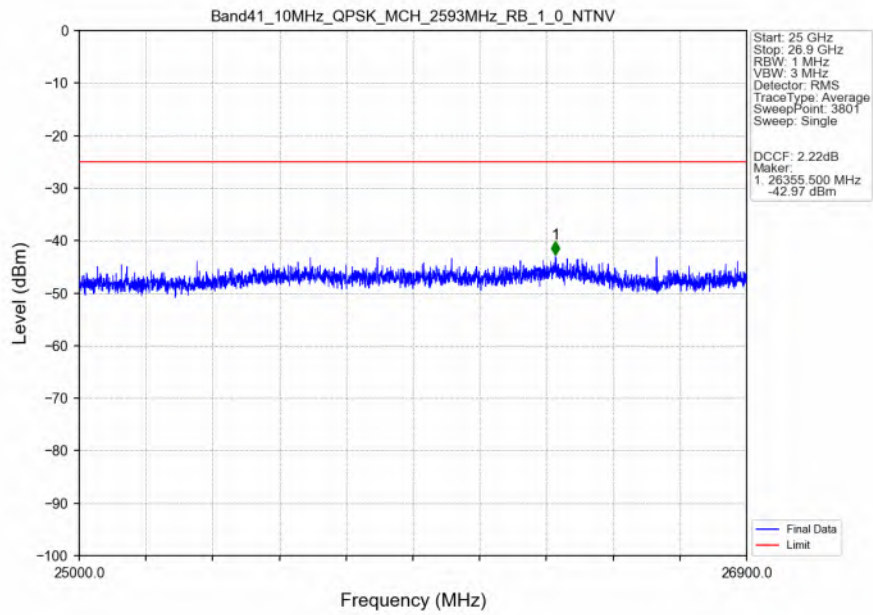
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTV



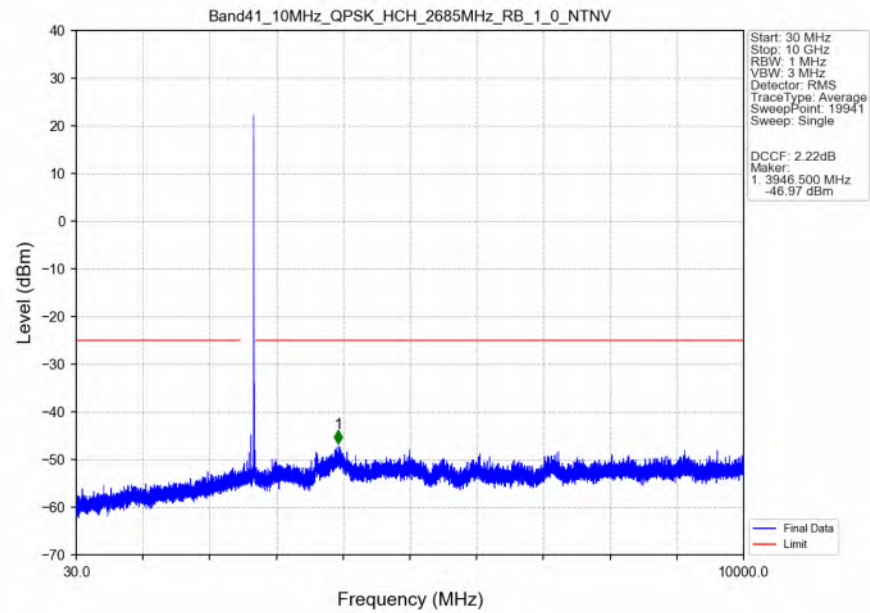
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTNV



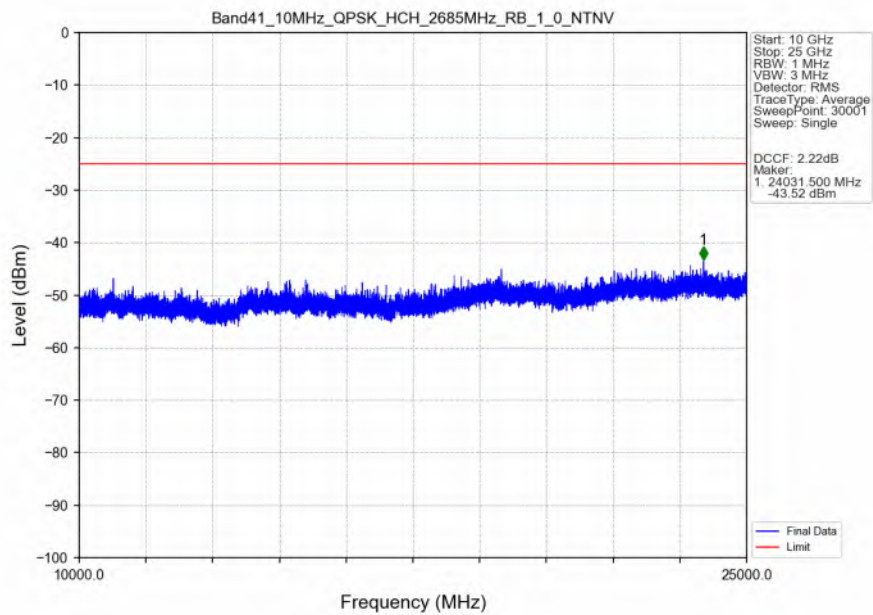
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTNV



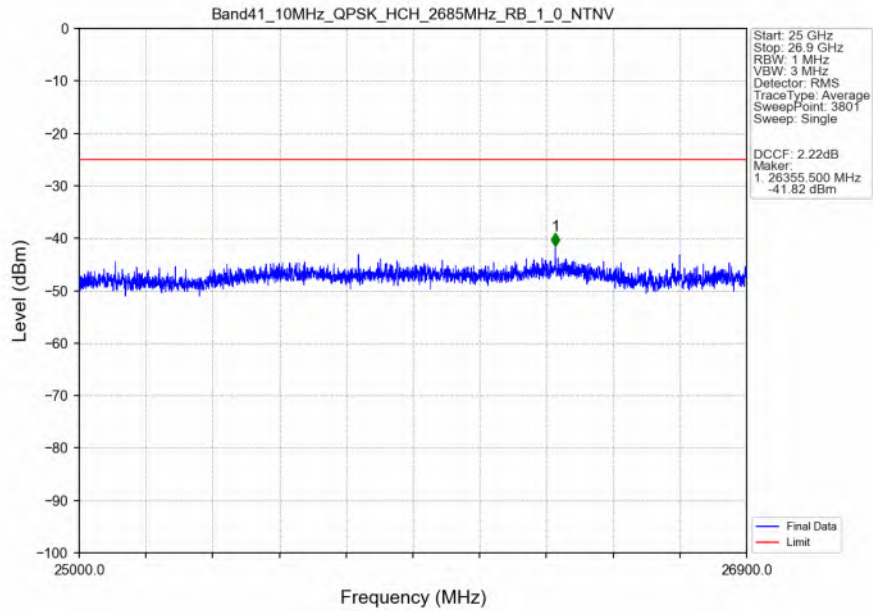
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTN



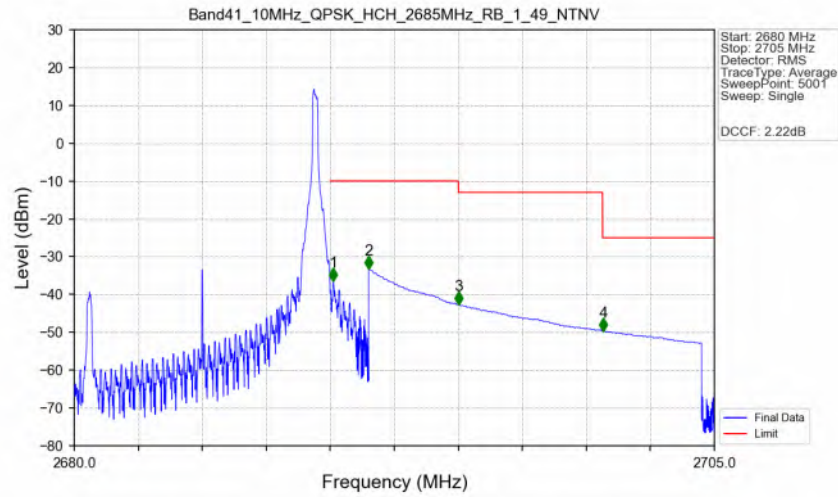
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTN



Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTNV

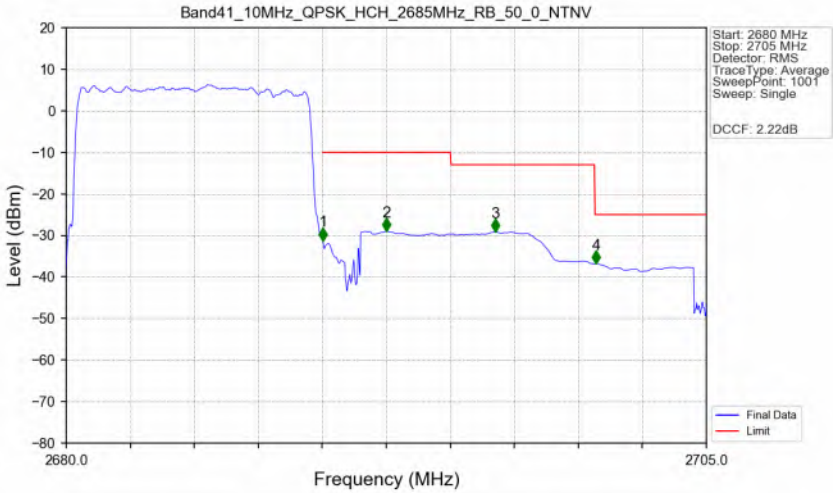


Band41 10MHz QPSK HCH 2685MHz RB 1 49 NTNV



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	2690.120	-36.44	-10	Pass
2691	2695	1	CHP	2	2691.505	-33.32	-10	Pass
2695	2700.631	1	CHP	3	2695.015	-42.64	-13	Pass
2700.631	2705	1	CHP	4	2700.670	-49.62	-25	Pass

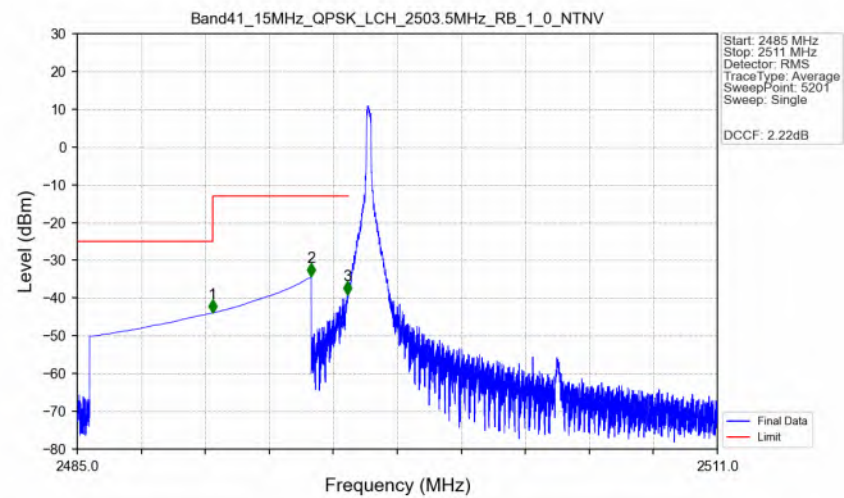
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.213	CHP	/	/	/	/	/
2690	2691	0.213	CHP	1	2690.025	-31.22	-10	Pass
2691	2695	1	CHP	2	2692.500	-29.02	-10	Pass
2695	2700.631	1	CHP	3	2696.750	-29.19	-13	Pass
2700.631	2705	1	CHP	4	2700.700	-36.73	-25	Pass

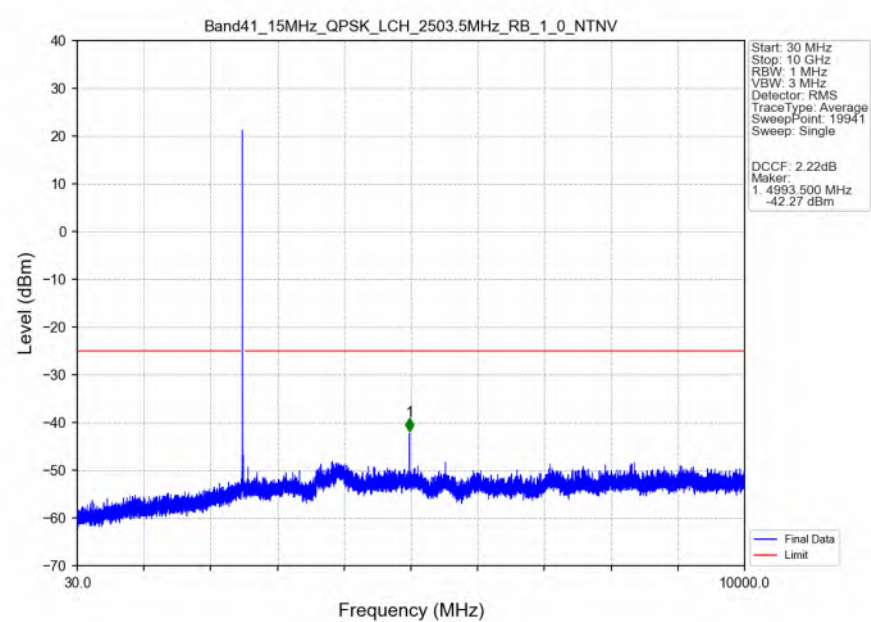
5.2.3 B41_15MHz

Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

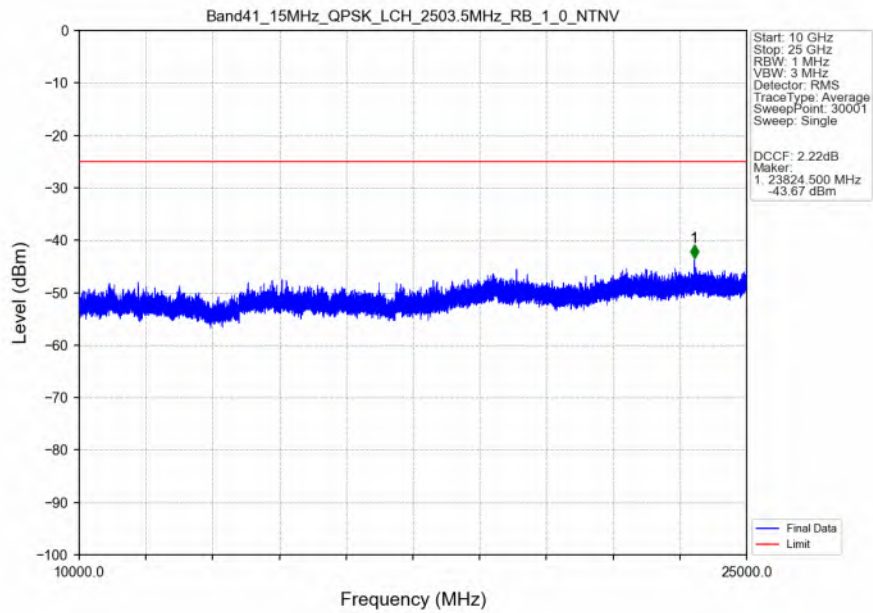


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-43.81	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-34.34	-13	Pass
2495	2496	0.01	/	3	2495.980	-39.00	-13	Pass
2496	2511	0.01	/	/	/	/	/	/

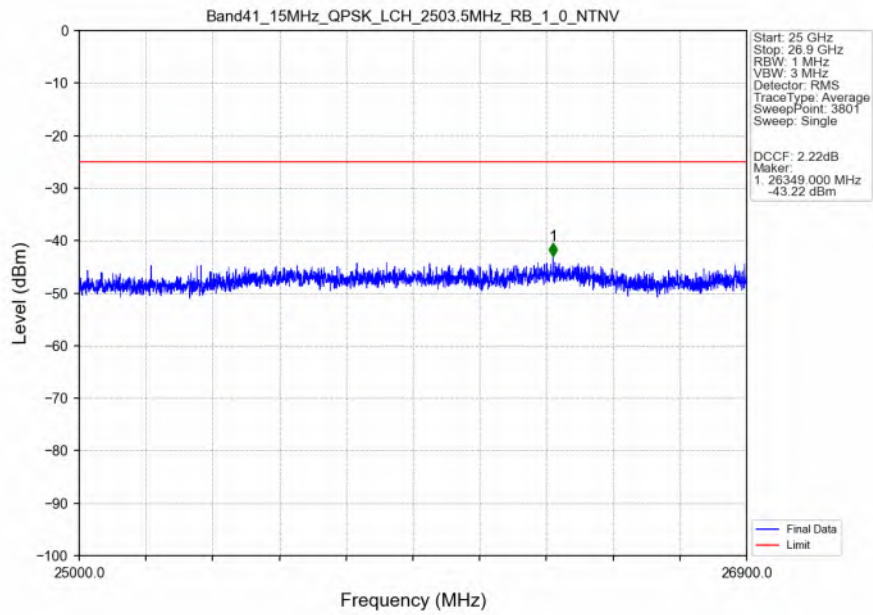
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



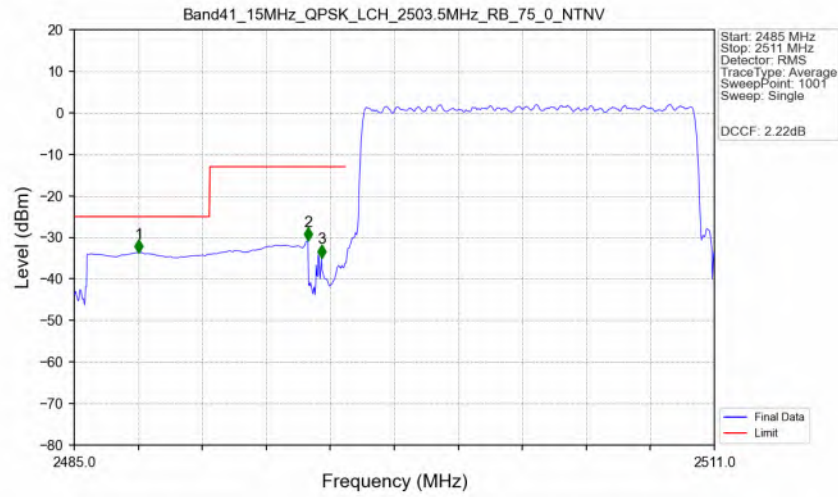
Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTNV



Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTNV

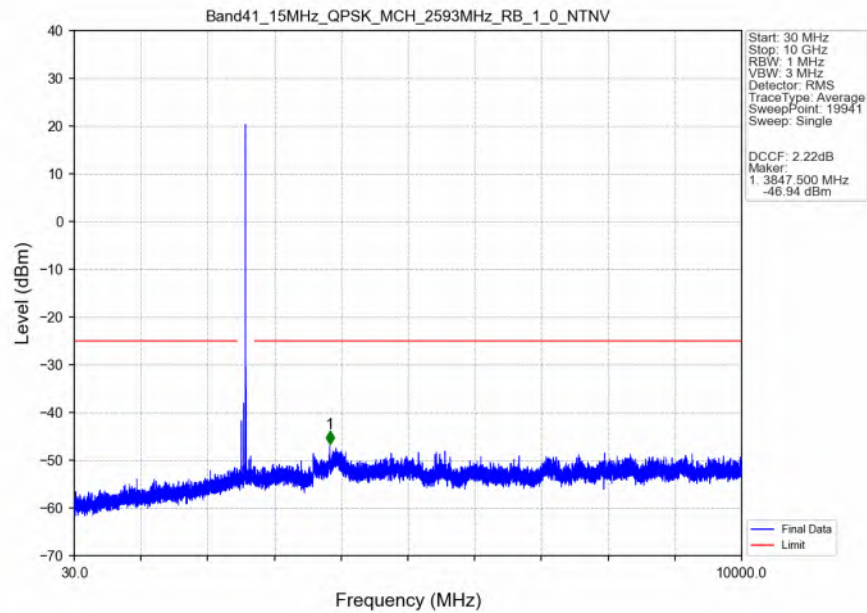


Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV

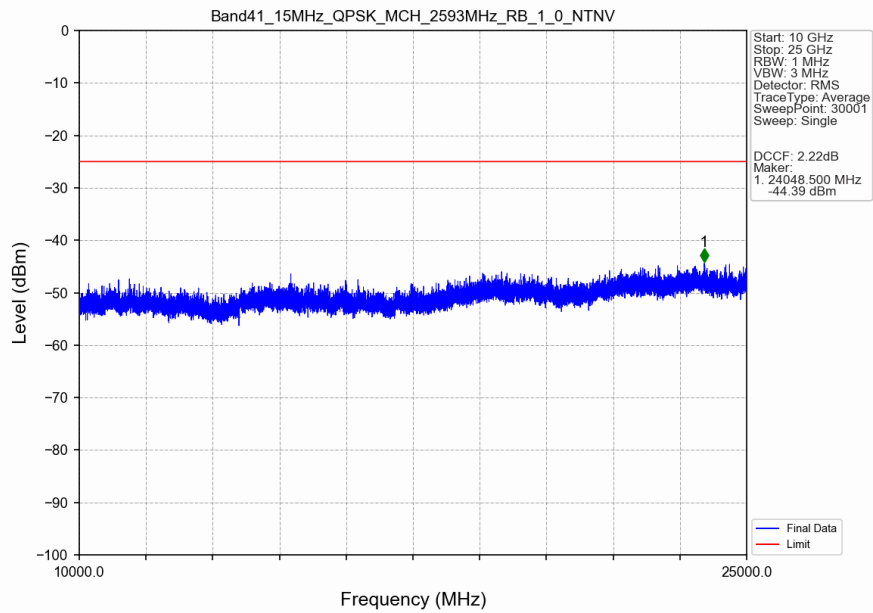


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.626	-33.65	-25	Pass
2490.5	2495	1	CHP	2	2494.490	-13.80	-13	Pass
2495	2496	0.162	CHP	3	2495.036	-34.86	-13	Pass
2496	2511	0.162	CHP	/	/	/	/	/

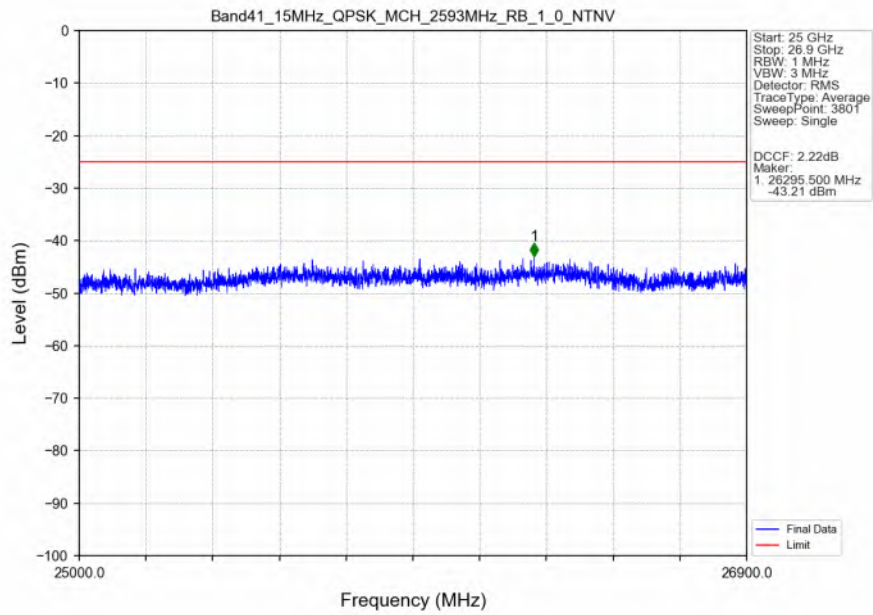
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



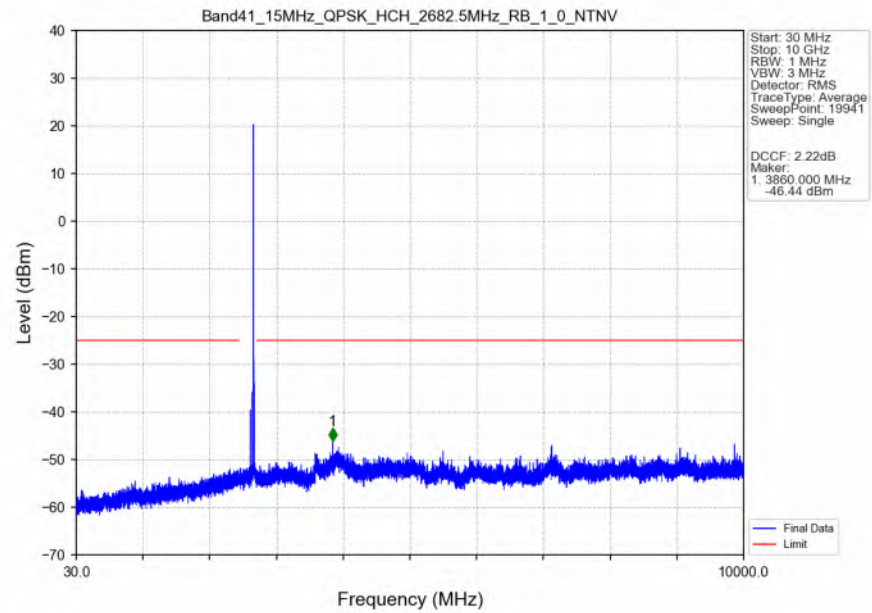
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



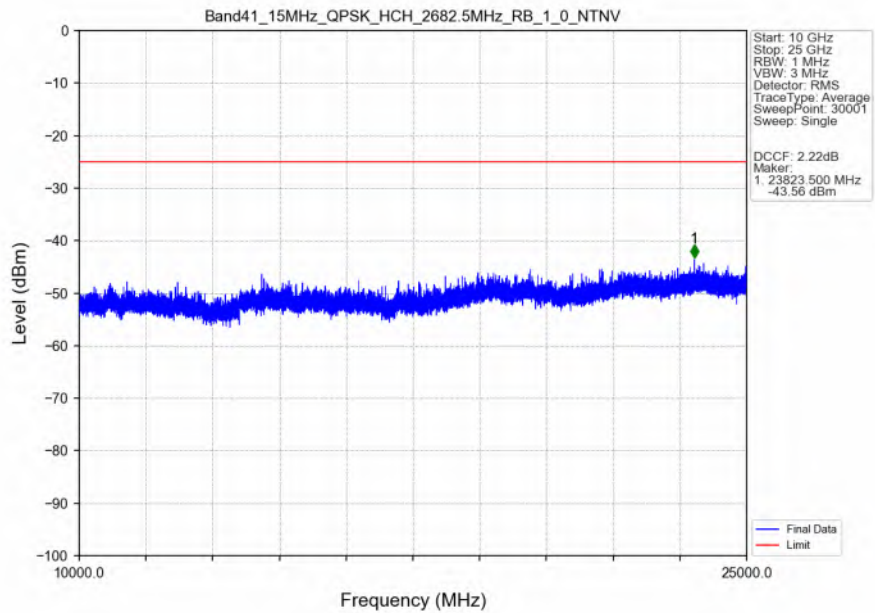
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



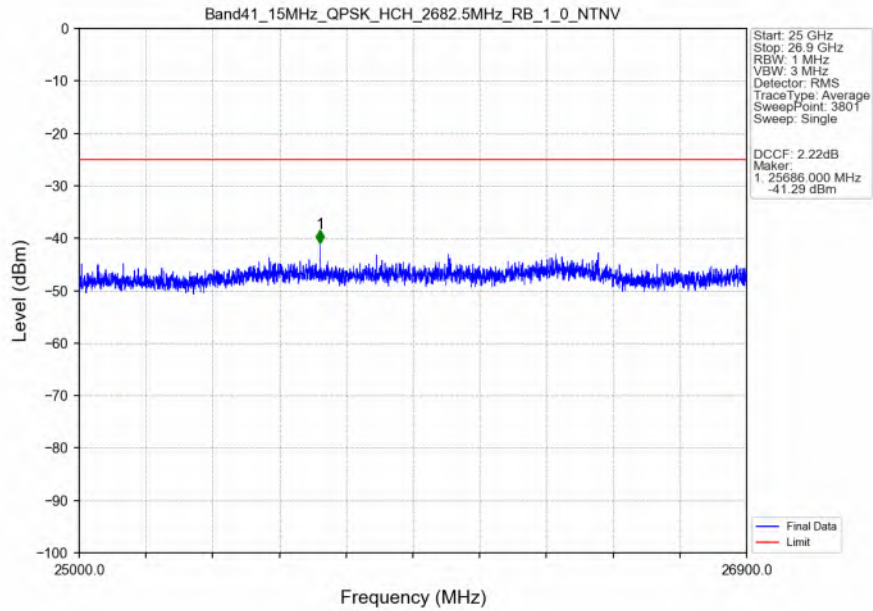
Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTV



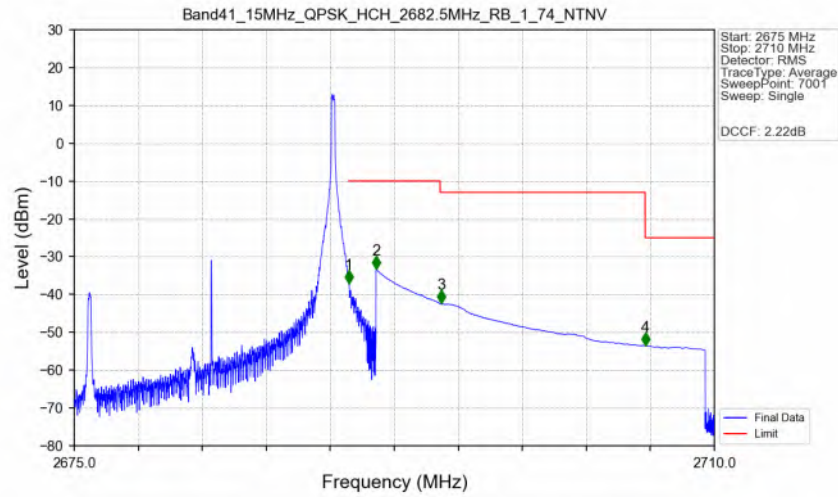
Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTV



Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV

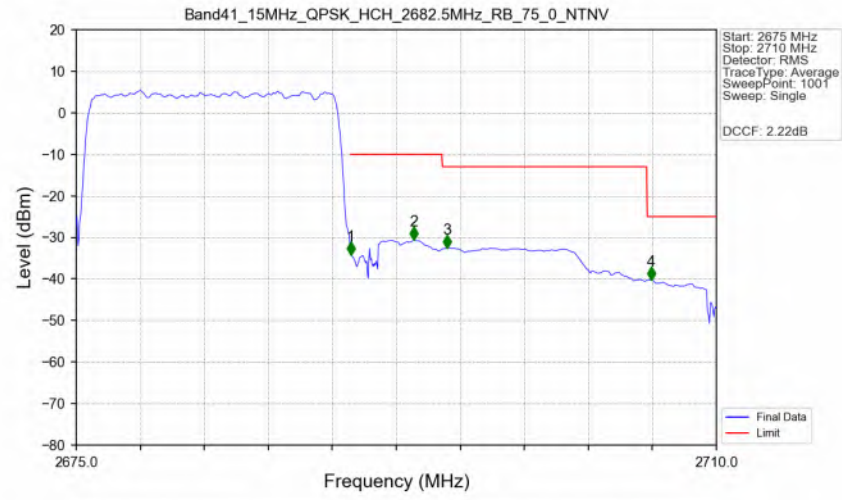


Band41 15MHz QPSK HCH 2682.5MHz RB 1 74 NTNV



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	-37.06	-10	Pass
2691	2695	1	CHP	2	2691.500	-33.30	-10	Pass
2695	2706.213	1	CHP	3	2695.045	-42.36	-13	Pass
2706.213	2710	1	CHP	4	2706.215	-53.56	-25	Pass

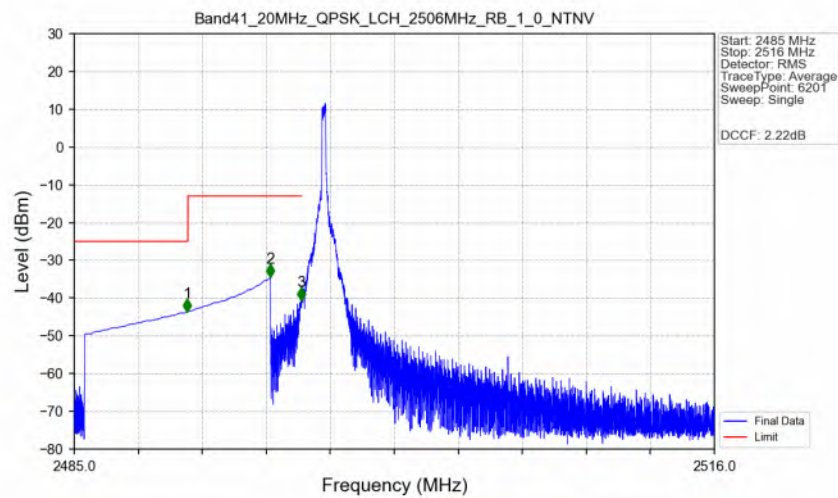
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.324	CHP	/	/	/	/	/
2690	2691	0.324	CHP	1	2690.015	-34.29	-10	Pass
2691	2695	1	CHP	2	2693.445	-30.64	-10	Pass
2695	2706.213	1	CHP	3	2695.265	-32.51	-13	Pass
2706.213	2710	1	CHP	4	2706.430	-40.16	-25	Pass

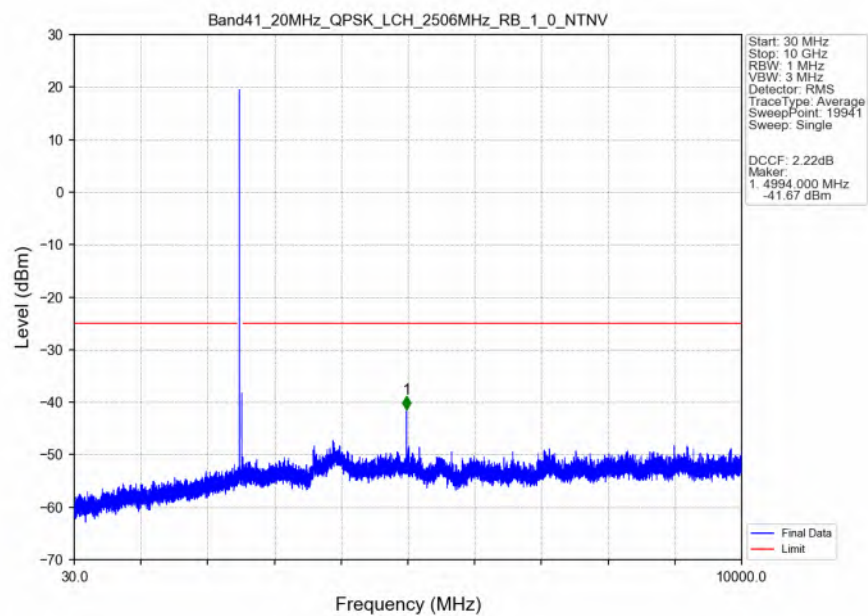
5.2.4 B41_20MHz

Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

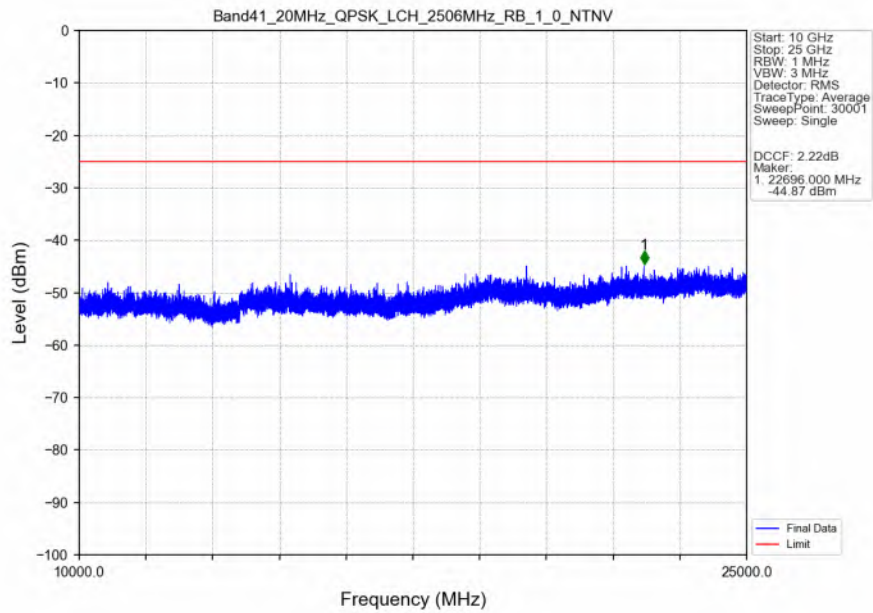


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.465	-43.64	-25	Pass
2490.5	2495	1	CHP	2	2494.495	-34.52	-13	Pass
2495	2496	0.01	/	3	2495.975	-40.61	-13	Pass
2496	2516	0.01	/	/	/	/	/	/

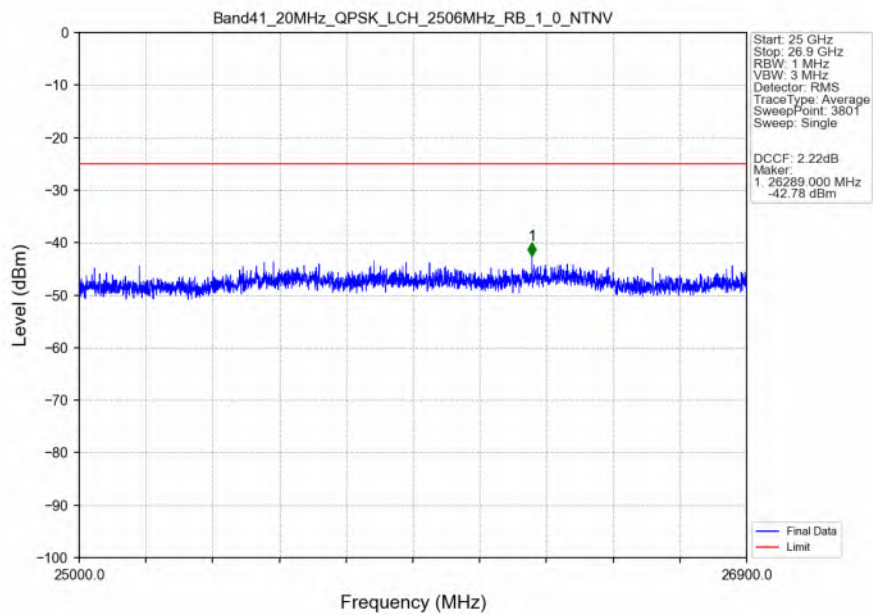
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



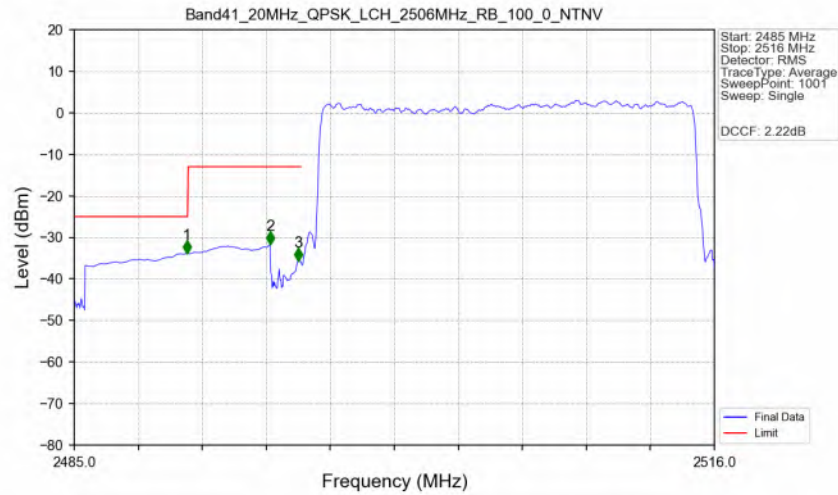
Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTN



Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTN

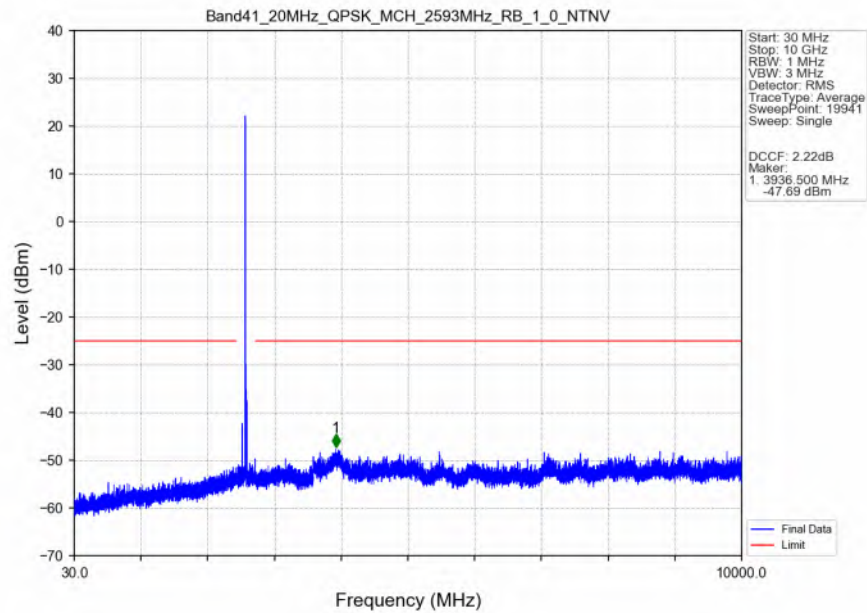


Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV

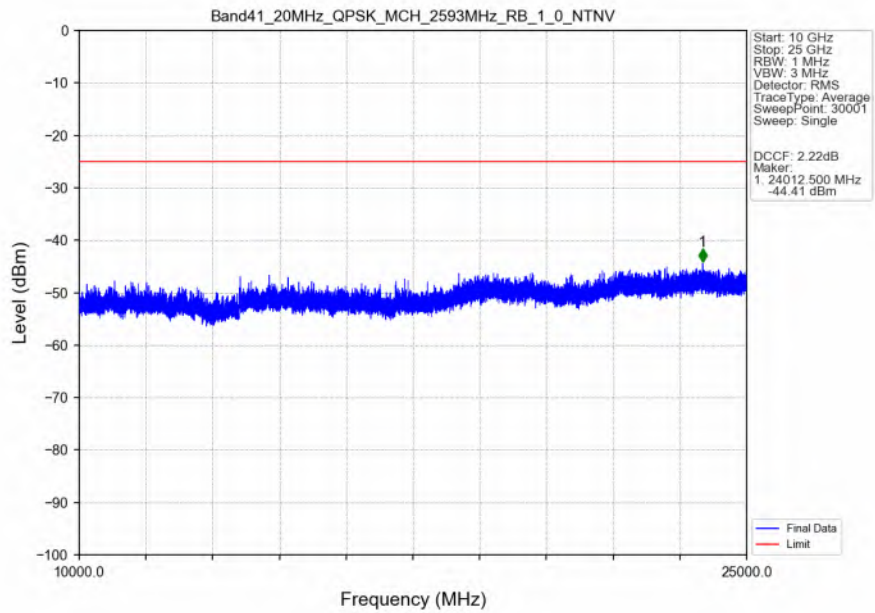


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.456	-33.90	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-31.70	-13	Pass
2495	2496	0.225	CHP	3	2495.850	-35.70	-13	Pass
2496	2516	0.225	CHP	/	/	/	/	/

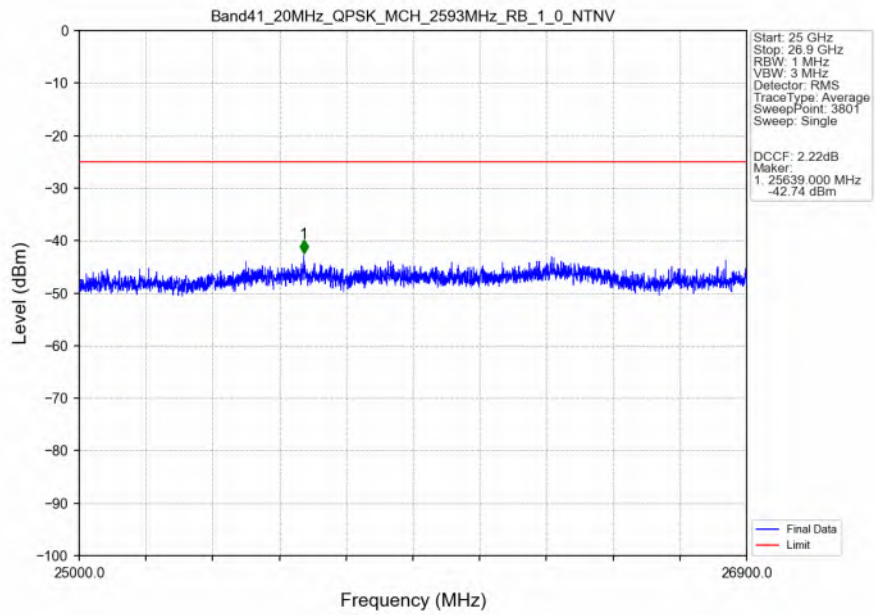
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



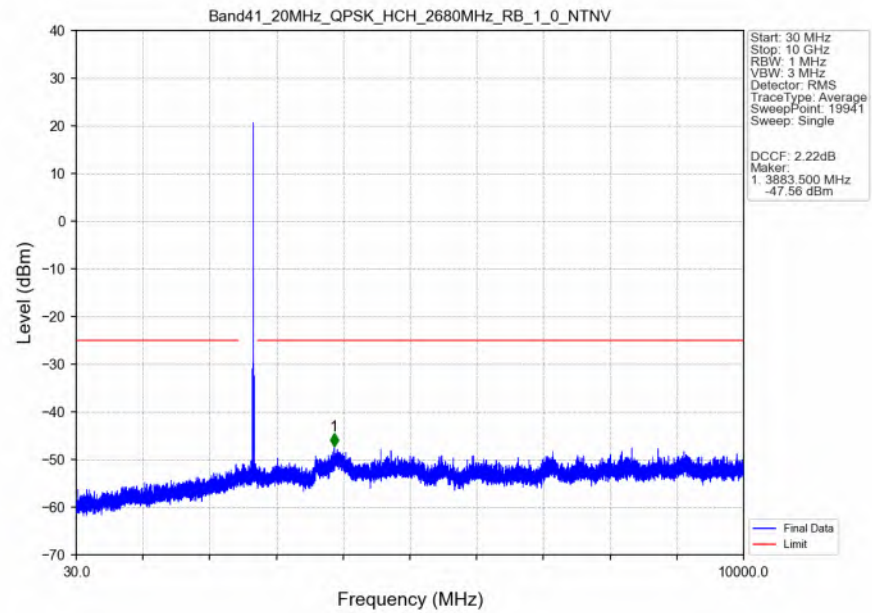
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



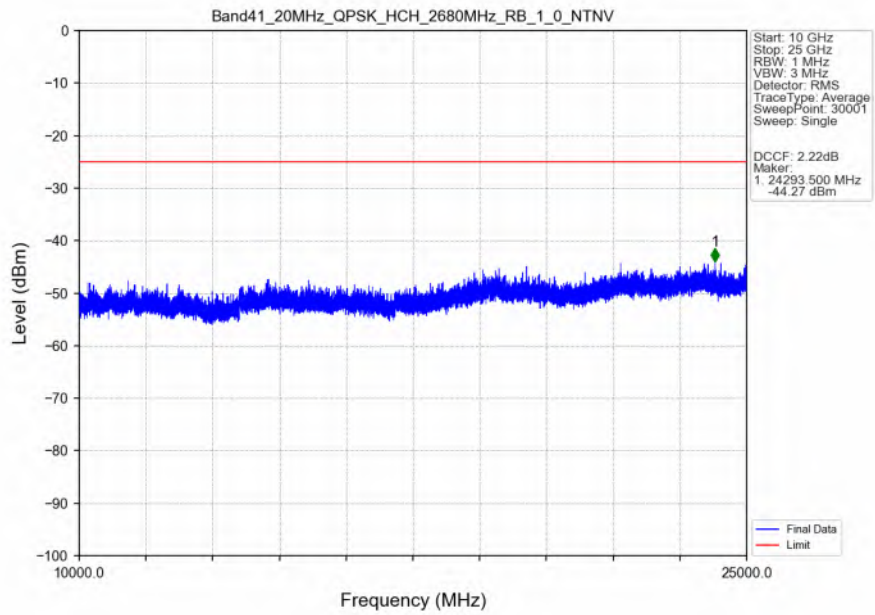
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



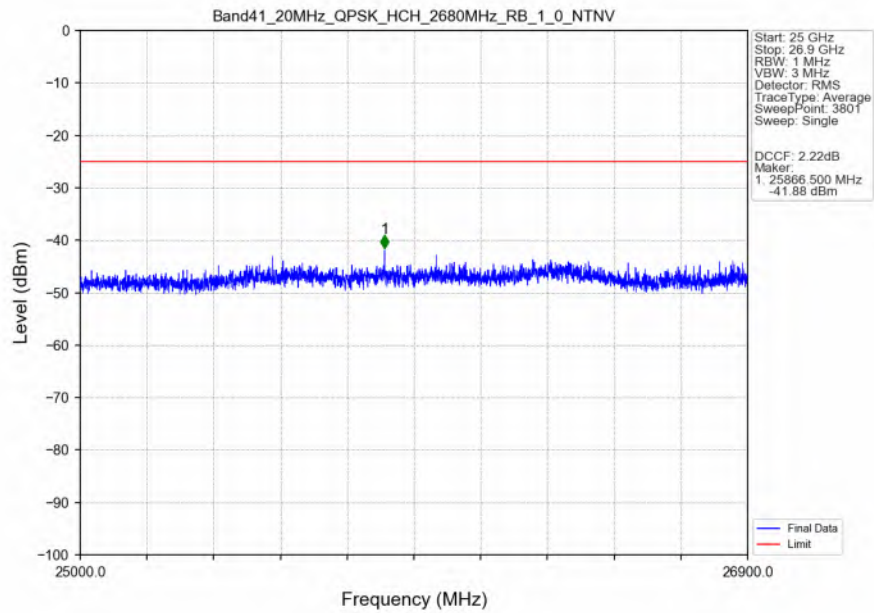
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV



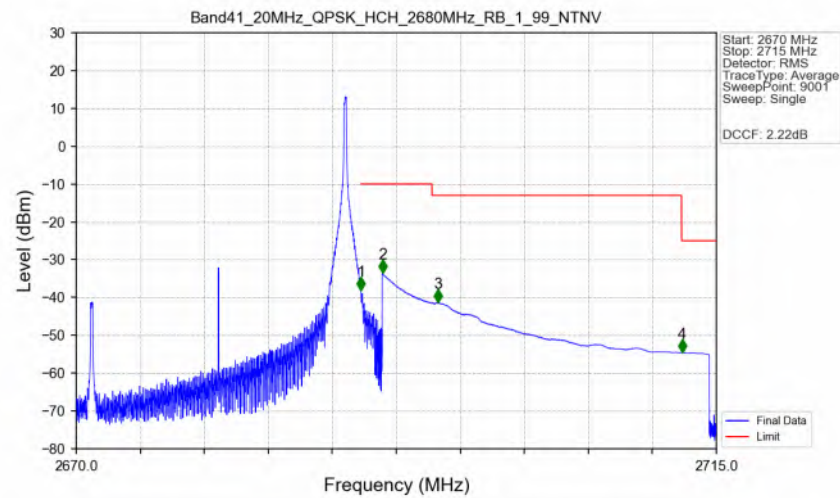
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV



Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTV

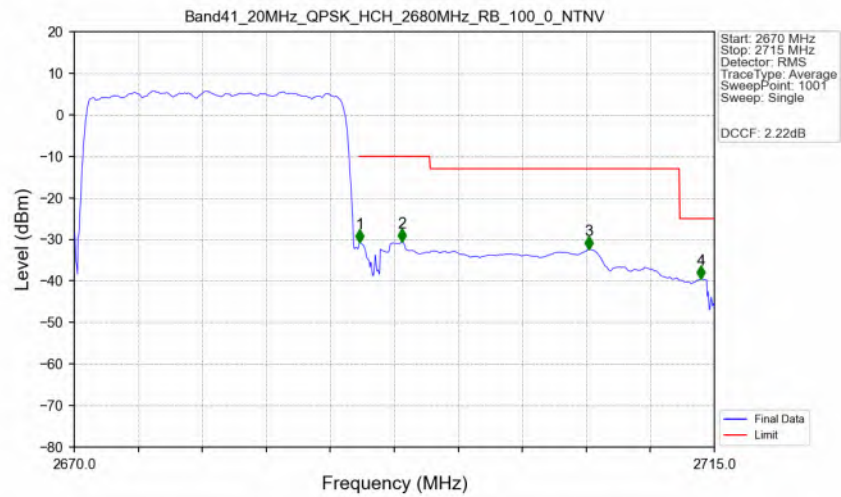


Band41 20MHz QPSK HCH 2680MHz RB 1 99 NTV



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	-38.03	-10	Pass
2691	2695	1	CHP	2	2691.530	-33.55	-10	Pass
2695	2712.547	1	CHP	3	2695.445	-41.27	-13	Pass
2712.547	2715	1	CHP	4	2712.590	-54.52	-25	Pass

Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.451	CHP	/	/	/	/	/
2690	2691	0.451	CHP	1	2690.070	-30.81	-10	Pass
2691	2695	1	CHP	2	2693.040	-30.58	-10	Pass
2695	2712.547	1	CHP	3	2706.180	-32.39	-13	Pass
2712.547	2715	1	CHP	4	2714.055	-39.50	-25	Pass