

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	25.81	4.02	29.83	<=33.01	Pass
			13	25.58	4.02	29.60	<=33.01	Pass
			24	25.79	4.02	29.81	<=33.01	Pass
		12	0	24.79	4.02	28.81	<=33.01	Pass
			6	24.77	4.02	28.79	<=33.01	Pass
			13	24.93	4.02	28.95	<=33.01	Pass
		25	0	24.95	4.02	28.97	<=33.01	Pass
	2593	1	0	25.83	4.02	29.85	<=33.01	Pass
			13	25.91	4.02	29.93	<=33.01	Pass
			24	26.01	4.02	30.03	<=33.01	Pass
		12	0	25.05	4.02	29.07	<=33.01	Pass
			6	25.12	4.02	29.14	<=33.01	Pass
			13	25.06	4.02	29.08	<=33.01	Pass
		25	0	24.99	4.02	29.01	<=33.01	Pass
	2687.5	1	0	24.87	4.02	28.89	<=33.01	Pass
			13	25.46	4.02	29.48	<=33.01	Pass
			24	24.90	4.02	28.92	<=33.01	Pass
		12	0	25.36	4.02	29.38	<=33.01	Pass
			6	25.51	4.02	29.53	<=33.01	Pass
			13	25.08	4.02	29.10	<=33.01	Pass
		25	0	25.10	4.02	29.12	<=33.01	Pass
16QAM	2498.5	1	0	24.81	4.02	28.83	<=33.01	Pass
			13	24.84	4.02	28.86	<=33.01	Pass
			24	24.69	4.02	28.71	<=33.01	Pass
		12	0	23.92	4.02	27.94	<=33.01	Pass
			6	24.00	4.02	28.02	<=33.01	Pass
			13	24.07	4.02	28.09	<=33.01	Pass
		25	0	24.28	4.02	28.30	<=33.01	Pass
	2593	1	0	24.86	4.02	28.88	<=33.01	Pass
			13	25.44	4.02	29.46	<=33.01	Pass
			24	25.37	4.02	29.39	<=33.01	Pass
		12	0	23.85	4.02	27.87	<=33.01	Pass
			6	23.76	4.02	27.78	<=33.01	Pass
			13	23.91	4.02	27.93	<=33.01	Pass
		25	0	23.96	4.02	27.98	<=33.01	Pass
	2687.5	1	0	24.01	4.02	28.03	<=33.01	Pass
			13	24.63	4.02	28.65	<=33.01	Pass
			24	23.79	4.02	27.81	<=33.01	Pass
		12	0	24.55	4.02	28.57	<=33.01	Pass
			6	24.44	4.02	28.46	<=33.01	Pass
			13	24.19	4.02	28.21	<=33.01	Pass
		25	0	24.49	4.02	28.51	<=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	26.05	4.02	30.07	<=33.01	Pass	
			25	25.72	4.02	29.74	<=33.01	Pass	
			49	26.09	4.02	30.11	<=33.01	Pass	
		25	0	24.95	4.02	28.97	<=33.01	Pass	
			13	24.88	4.02	28.90	<=33.01	Pass	
			25	24.93	4.02	28.95	<=33.01	Pass	
		50	0	24.80	4.02	28.82	<=33.01	Pass	
		2593	1	0	26.09	4.02	30.11	<=33.01	Pass
				25	25.81	4.02	29.83	<=33.01	Pass
	49			25.70	4.02	29.72	<=33.01	Pass	
	25		0	24.96	4.02	28.98	<=33.01	Pass	
			13	24.99	4.02	29.01	<=33.01	Pass	
			25	24.97	4.02	28.99	<=33.01	Pass	
	50		0	24.90	4.02	28.92	<=33.01	Pass	
	2685		1	0	25.11	4.02	29.13	<=33.01	Pass
				25	25.45	4.02	29.47	<=33.01	Pass
		49		24.89	4.02	28.91	<=33.01	Pass	
		25	0	25.42	4.02	29.44	<=33.01	Pass	
			13	25.35	4.02	29.37	<=33.01	Pass	
			25	25.35	4.02	29.37	<=33.01	Pass	
		50	0	25.14	4.02	29.16	<=33.01	Pass	
16QAM		2501	1	0	24.48	4.02	28.50	<=33.01	Pass
				25	24.62	4.02	28.64	<=33.01	Pass
	49			24.82	4.02	28.84	<=33.01	Pass	
	25		0	23.88	4.02	27.90	<=33.01	Pass	
			13	23.91	4.02	27.93	<=33.01	Pass	
			25	23.92	4.02	27.94	<=33.01	Pass	
	50		0	23.79	4.02	27.81	<=33.01	Pass	
	2593	1	0	25.52	4.02	29.54	<=33.01	Pass	
			25	25.53	4.02	29.55	<=33.01	Pass	
			49	25.46	4.02	29.48	<=33.01	Pass	
		25	0	24.09	4.02	28.11	<=33.01	Pass	
			13	24.06	4.02	28.08	<=33.01	Pass	
			25	24.08	4.02	28.10	<=33.01	Pass	
		50	0	23.91	4.02	27.93	<=33.01	Pass	
	2685	1	0	24.20	4.02	28.22	<=33.01	Pass	
			25	24.59	4.02	28.61	<=33.01	Pass	
			49	24.17	4.02	28.19	<=33.01	Pass	
		25	0	24.40	4.02	28.42	<=33.01	Pass	
			13	24.76	4.02	28.78	<=33.01	Pass	
			25	24.36	4.02	28.38	<=33.01	Pass	
		50	0	24.56	4.02	28.58	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	25.49	4.02	29.51	<=33.01	Pass
			38	25.76	4.02	29.78	<=33.01	Pass
			74	25.78	4.02	29.80	<=33.01	Pass
		36	0	24.81	4.02	28.83	<=33.01	Pass
			18	24.81	4.02	28.83	<=33.01	Pass
			39	24.91	4.02	28.93	<=33.01	Pass

		75	0	24.77	4.02	28.79	<=33.01	Pass
	2593	1	0	25.92	4.02	29.94	<=33.01	Pass
			38	25.99	4.02	30.01	<=33.01	Pass
			74	26.23	4.02	30.25	<=33.01	Pass
			0	24.99	4.02	29.01	<=33.01	Pass
		36	18	24.99	4.02	29.01	<=33.01	Pass
			39	24.96	4.02	28.98	<=33.01	Pass
		75	0	24.90	4.02	28.92	<=33.01	Pass
	2682.5	1	0	24.95	4.02	28.97	<=33.01	Pass
			38	25.72	4.02	29.74	<=33.01	Pass
			74	24.56	4.02	28.58	<=33.01	Pass
		36	0	25.22	4.02	29.24	<=33.01	Pass
			18	25.39	4.02	29.41	<=33.01	Pass
			39	25.27	4.02	29.29	<=33.01	Pass
		75	0	25.10	4.02	29.12	<=33.01	Pass
16QAM	2503.5	1	0	24.21	4.02	28.23	<=33.01	Pass
			38	24.81	4.02	28.83	<=33.01	Pass
			74	24.91	4.02	28.93	<=33.01	Pass
		36	0	23.93	4.02	27.95	<=33.01	Pass
			18	23.83	4.02	27.85	<=33.01	Pass
			39	23.84	4.02	27.86	<=33.01	Pass
			75	0	23.84	4.02	27.86	<=33.01
	2593	1	0	25.60	4.02	29.62	<=33.01	Pass
			38	25.33	4.02	29.35	<=33.01	Pass
			74	25.39	4.02	29.41	<=33.01	Pass
		36	0	24.46	4.02	28.48	<=33.01	Pass
			18	23.88	4.02	27.90	<=33.01	Pass
			39	23.87	4.02	27.89	<=33.01	Pass
			75	0	23.93	4.02	27.95	<=33.01
	2682.5	1	0	23.75	4.02	27.77	<=33.01	Pass
			38	24.55	4.02	28.57	<=33.01	Pass
			74	23.76	4.02	27.78	<=33.01	Pass
		36	0	24.65	4.02	28.67	<=33.01	Pass
			18	24.86	4.02	28.88	<=33.01	Pass
			39	24.33	4.02	28.35	<=33.01	Pass
			75	0	24.54	4.02	28.56	<=33.01
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	25.90	4.02	29.92	<=33.01	Pass
			50	26.13	4.02	30.15	<=33.01	Pass
			99	26.06	4.02	30.08	<=33.01	Pass
		50	0	24.95	4.02	28.97	<=33.01	Pass
			25	24.90	4.02	28.92	<=33.01	Pass
			50	24.82	4.02	28.84	<=33.01	Pass
		100	0	24.83	4.02	28.85	<=33.01	Pass
	2593	1	0	26.21	4.02	30.23	<=33.01	Pass
			50	26.16	4.02	30.18	<=33.01	Pass
			99	25.90	4.02	29.92	<=33.01	Pass
		50	0	25.02	4.02	29.04	<=33.01	Pass
			25	25.04	4.02	29.06	<=33.01	Pass
			50	25.02	4.02	29.04	<=33.01	Pass
		100	0	24.96	4.02	28.98	<=33.01	Pass

	2680	1	0	25.12	4.02	29.14	<=33.01	Pass		
			50	25.66	4.02	29.68	<=33.01	Pass		
			99	24.73	4.02	28.75	<=33.01	Pass		
		50	0	25.59	4.02	29.61	<=33.01	Pass		
			25	25.46	4.02	29.48	<=33.01	Pass		
			50	25.15	4.02	29.17	<=33.01	Pass		
		100	0	25.23	4.02	29.25	<=33.01	Pass		
		16QAM	2506	1	0	25.12	4.02	29.14	<=33.01	Pass
					50	25.72	4.02	29.74	<=33.01	Pass
99	25.16				4.02	29.18	<=33.01	Pass		
50	0			23.91	4.02	27.93	<=33.01	Pass		
	25			24.01	4.02	28.03	<=33.01	Pass		
	50			23.97	4.02	27.99	<=33.01	Pass		
100	0			24.01	4.02	28.03	<=33.01	Pass		
2593	1			0	25.11	4.02	29.13	<=33.01	Pass	
				50	25.02	4.02	29.04	<=33.01	Pass	
			99	24.77	4.02	28.79	<=33.01	Pass		
	50		0	24.03	4.02	28.05	<=33.01	Pass		
			25	24.00	4.02	28.02	<=33.01	Pass		
			50	23.99	4.02	28.01	<=33.01	Pass		
	100		0	23.91	4.02	27.93	<=33.01	Pass		
2680	1		0	24.06	4.02	28.08	<=33.01	Pass		
		50	25.09	4.02	29.11	<=33.01	Pass			
		99	23.98	4.02	28.00	<=33.01	Pass			
	50	0	24.61	4.02	28.63	<=33.01	Pass			
		25	24.74	4.02	28.76	<=33.01	Pass			
		50	24.41	4.02	28.43	<=33.01	Pass			
	100	0	24.66	4.02	28.68	<=33.01	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2498.5	25	0	20	6.2	15.821	0.0063	-2.5 to 2.5	Pass
					7.2	15.993	0.0064	-2.5 to 2.5	Pass
					8.4	13.747	0.0055	-2.5 to 2.5	Pass
				-30	7.2	1.230	0.0005	-2.5 to 2.5	Pass
				-20	7.2	12.932	0.0052	-2.5 to 2.5	Pass
				-10	7.2	17.109	0.0068	-2.5 to 2.5	Pass
				0	7.2	1.731	0.0007	-2.5 to 2.5	Pass
				10	7.2	15.535	0.0062	-2.5 to 2.5	Pass
				30	7.2	1.960	0.0008	-2.5 to 2.5	Pass
				40	7.2	4.263	0.0017	-2.5 to 2.5	Pass
				50	7.2	16.379	0.0066	-2.5 to 2.5	Pass
	2593	25	0	20	6.2	0.916	0.0004	-2.5 to 2.5	Pass
					7.2	15.707	0.0061	-2.5 to 2.5	Pass
					8.4	2.489	0.0010	-2.5 to 2.5	Pass
				-30	7.2	4.048	0.0016	-2.5 to 2.5	Pass
				-20	7.2	17.323	0.0067	-2.5 to 2.5	Pass
				-10	7.2	16.809	0.0065	-2.5 to 2.5	Pass
				0	7.2	18.196	0.0070	-2.5 to 2.5	Pass
				10	7.2	2.675	0.0010	-2.5 to 2.5	Pass
				30	7.2	15.836	0.0061	-2.5 to 2.5	Pass
				40	7.2	20.471	0.0079	-2.5 to 2.5	Pass
				50	7.2	18.139	0.0070	-2.5 to 2.5	Pass
	2687.5	25	0	20	6.2	-1.173	-0.0004	-2.5 to 2.5	Pass
					7.2	0.186	0.0001	-2.5 to 2.5	Pass
					8.4	-1.702	-0.0006	-2.5 to 2.5	Pass
				-30	7.2	11.930	0.0044	-2.5 to 2.5	Pass
				-20	7.2	12.674	0.0047	-2.5 to 2.5	Pass
				-10	7.2	-1.230	-0.0005	-2.5 to 2.5	Pass
				0	7.2	1.659	0.0006	-2.5 to 2.5	Pass
				10	7.2	1.416	0.0005	-2.5 to 2.5	Pass
				30	7.2	-0.186	-0.0001	-2.5 to 2.5	Pass
				40	7.2	12.760	0.0047	-2.5 to 2.5	Pass
				50	7.2	1.388	0.0005	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	6.2	1.645	0.0007	-2.5 to 2.5	Pass
					7.2	16.851	0.0067	-2.5 to 2.5	Pass
					8.4	3.991	0.0016	-2.5 to 2.5	Pass
				-30	7.2	15.135	0.0061	-2.5 to 2.5	Pass
				-20	7.2	2.217	0.0009	-2.5 to 2.5	Pass
				-10	7.2	2.975	0.0012	-2.5 to 2.5	Pass
				0	7.2	3.805	0.0015	-2.5 to 2.5	Pass
				10	7.2	2.346	0.0009	-2.5 to 2.5	Pass
				30	7.2	16.866	0.0068	-2.5 to 2.5	Pass
				40	7.2	3.176	0.0013	-2.5 to 2.5	Pass
				50	7.2	13.089	0.0052	-2.5 to 2.5	Pass
	2593	25	0	20	6.2	16.379	0.0063	-2.5 to 2.5	Pass
					7.2	17.767	0.0069	-2.5 to 2.5	Pass

					8.4	16.379	0.0063	-2.5 to 2.5	Pass
				-30	7.2	16.437	0.0063	-2.5 to 2.5	Pass
				-20	7.2	-0.300	-0.0001	-2.5 to 2.5	Pass
				-10	7.2	2.847	0.0011	-2.5 to 2.5	Pass
				0	7.2	0.429	0.0002	-2.5 to 2.5	Pass
				10	7.2	3.591	0.0014	-2.5 to 2.5	Pass
				30	7.2	2.518	0.0010	-2.5 to 2.5	Pass
				40	7.2	2.875	0.0011	-2.5 to 2.5	Pass
				50	7.2	15.564	0.0060	-2.5 to 2.5	Pass
	2687.5	25	0	20	6.2	-1.717	-0.0006	-2.5 to 2.5	Pass
					7.2	-1.345	-0.0005	-2.5 to 2.5	Pass
					8.4	14.720	0.0055	-2.5 to 2.5	Pass
				-30	7.2	-4.563	-0.0017	-2.5 to 2.5	Pass
				-20	7.2	0.057	0.0000	-2.5 to 2.5	Pass
				-10	7.2	1.574	0.0006	-2.5 to 2.5	Pass
				0	7.2	-0.229	-0.0001	-2.5 to 2.5	Pass
				10	7.2	12.417	0.0046	-2.5 to 2.5	Pass
				30	7.2	-0.014	0.0000	-2.5 to 2.5	Pass
				40	7.2	-2.303	-0.0009	-2.5 to 2.5	Pass
				50	7.2	14.777	0.0055	-2.5 to 2.5	Pass

2.1.2 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	2501	50	0	20	6.2	2.317	0.0009	-2.5 to 2.5	Pass
					7.2	14.863	0.0059	-2.5 to 2.5	Pass
					8.4	13.762	0.0055	-2.5 to 2.5	Pass
				-30	7.2	0.858	0.0003	-2.5 to 2.5	Pass
				-20	7.2	15.693	0.0063	-2.5 to 2.5	Pass
				-10	7.2	15.779	0.0063	-2.5 to 2.5	Pass
				0	7.2	0.472	0.0002	-2.5 to 2.5	Pass
				10	7.2	15.192	0.0061	-2.5 to 2.5	Pass
				30	7.2	0.772	0.0003	-2.5 to 2.5	Pass
				40	7.2	0.572	0.0002	-2.5 to 2.5	Pass
				50	7.2	15.206	0.0061	-2.5 to 2.5	Pass
	2593	50	0	20	6.2	-0.987	-0.0004	-2.5 to 2.5	Pass
					7.2	-1.588	-0.0006	-2.5 to 2.5	Pass
					8.4	15.664	0.0060	-2.5 to 2.5	Pass
				-30	7.2	-1.988	-0.0008	-2.5 to 2.5	Pass
				-20	7.2	13.261	0.0051	-2.5 to 2.5	Pass
				-10	7.2	15.593	0.0060	-2.5 to 2.5	Pass
				0	7.2	13.690	0.0053	-2.5 to 2.5	Pass
				10	7.2	14.119	0.0054	-2.5 to 2.5	Pass
				30	7.2	15.478	0.0060	-2.5 to 2.5	Pass
				40	7.2	-2.189	-0.0008	-2.5 to 2.5	Pass
				50	7.2	0.443	0.0002	-2.5 to 2.5	Pass
	2685	50	0	20	6.2	3.104	0.0012	-2.5 to 2.5	Pass
					7.2	-5.922	-0.0022	-2.5 to 2.5	Pass
					8.4	-5.994	-0.0022	-2.5 to 2.5	Pass
				-30	7.2	-6.380	-0.0024	-2.5 to 2.5	Pass
				-20	7.2	-7.710	-0.0029	-2.5 to 2.5	Pass
				-10	7.2	6.051	0.0023	-2.5 to 2.5	Pass
				0	7.2	-6.094	-0.0023	-2.5 to 2.5	Pass
				10	7.2	-7.310	-0.0027	-2.5 to 2.5	Pass
				30	7.2	5.865	0.0022	-2.5 to 2.5	Pass

16QAM	2501	50	0	40	7.2	-7.138	-0.0027	-2.5 to 2.5	Pass
				50	7.2	4.249	0.0016	-2.5 to 2.5	Pass
				20	6.2	16.394	0.0066	-2.5 to 2.5	Pass
					7.2	16.108	0.0064	-2.5 to 2.5	Pass
					8.4	3.977	0.0016	-2.5 to 2.5	Pass
				-30	7.2	2.604	0.0010	-2.5 to 2.5	Pass
				-20	7.2	1.674	0.0007	-2.5 to 2.5	Pass
				-10	7.2	2.360	0.0009	-2.5 to 2.5	Pass
				0	7.2	0.873	0.0003	-2.5 to 2.5	Pass
				10	7.2	2.217	0.0009	-2.5 to 2.5	Pass
				30	7.2	16.451	0.0066	-2.5 to 2.5	Pass
				40	7.2	14.663	0.0059	-2.5 to 2.5	Pass
				50	7.2	15.421	0.0062	-2.5 to 2.5	Pass
	2593	50	0	20	6.2	1.116	0.0004	-2.5 to 2.5	Pass
					7.2	-1.030	-0.0004	-2.5 to 2.5	Pass
					8.4	-2.503	-0.0010	-2.5 to 2.5	Pass
				-30	7.2	11.673	0.0045	-2.5 to 2.5	Pass
				-20	7.2	14.663	0.0057	-2.5 to 2.5	Pass
				-10	7.2	1.788	0.0007	-2.5 to 2.5	Pass
				0	7.2	-0.615	-0.0002	-2.5 to 2.5	Pass
				10	7.2	15.593	0.0060	-2.5 to 2.5	Pass
				30	7.2	0.157	0.0001	-2.5 to 2.5	Pass
				40	7.2	1.817	0.0007	-2.5 to 2.5	Pass
				50	7.2	14.892	0.0057	-2.5 to 2.5	Pass
	2685	50	0	20	6.2	5.608	0.0021	-2.5 to 2.5	Pass
					7.2	-5.107	-0.0019	-2.5 to 2.5	Pass
					8.4	-6.495	-0.0024	-2.5 to 2.5	Pass
				-30	7.2	-3.948	-0.0015	-2.5 to 2.5	Pass
				-20	7.2	3.963	0.0015	-2.5 to 2.5	Pass
				-10	7.2	6.323	0.0024	-2.5 to 2.5	Pass
				0	7.2	5.908	0.0022	-2.5 to 2.5	Pass
				10	7.2	-8.469	-0.0032	-2.5 to 2.5	Pass
				30	7.2	-1.717	-0.0006	-2.5 to 2.5	Pass
				40	7.2	-7.582	-0.0028	-2.5 to 2.5	Pass
				50	7.2	-5.980	-0.0022	-2.5 to 2.5	Pass

2.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2503.5	75	0	20	6.2	-5.622	-0.0022	-2.5 to 2.5	Pass
					7.2	-5.136	-0.0021	-2.5 to 2.5	Pass
					8.4	4.406	0.0018	-2.5 to 2.5	Pass
				-30	7.2	7.925	0.0032	-2.5 to 2.5	Pass
				-20	7.2	-2.961	-0.0012	-2.5 to 2.5	Pass
				-10	7.2	-2.317	-0.0009	-2.5 to 2.5	Pass
				0	7.2	6.008	0.0024	-2.5 to 2.5	Pass
				10	7.2	-2.103	-0.0008	-2.5 to 2.5	Pass
				30	7.2	6.638	0.0027	-2.5 to 2.5	Pass
				40	7.2	-4.005	-0.0016	-2.5 to 2.5	Pass
				50	7.2	8.926	0.0036	-2.5 to 2.5	Pass
	2593	75	0	20	6.2	-0.415	-0.0002	-2.5 to 2.5	Pass
					7.2	0.143	0.0001	-2.5 to 2.5	Pass
					8.4	13.976	0.0054	-2.5 to 2.5	Pass
				-30	7.2	13.318	0.0051	-2.5 to 2.5	Pass
				-20	7.2	2.489	0.0010	-2.5 to 2.5	Pass

				-10	7.2	14.319	0.0055	-2.5 to 2.5	Pass
				0	7.2	-0.215	-0.0001	-2.5 to 2.5	Pass
				10	7.2	-1.888	-0.0007	-2.5 to 2.5	Pass
				30	7.2	0.558	0.0002	-2.5 to 2.5	Pass
				40	7.2	0.157	0.0001	-2.5 to 2.5	Pass
				50	7.2	0.443	0.0002	-2.5 to 2.5	Pass
	2682.5	75	0	20	6.2	12.789	0.0048	-2.5 to 2.5	Pass
					7.2	12.531	0.0047	-2.5 to 2.5	Pass
					8.4	-3.276	-0.0012	-2.5 to 2.5	Pass
				-30	7.2	-1.588	-0.0006	-2.5 to 2.5	Pass
				-20	7.2	-0.615	-0.0002	-2.5 to 2.5	Pass
				-10	7.2	-0.286	-0.0001	-2.5 to 2.5	Pass
				0	7.2	11.616	0.0043	-2.5 to 2.5	Pass
				10	7.2	10.672	0.0040	-2.5 to 2.5	Pass
				30	7.2	0.658	0.0002	-2.5 to 2.5	Pass
				40	7.2	10.858	0.0040	-2.5 to 2.5	Pass
				50	7.2	-1.860	-0.0007	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	6.2	7.095	0.0028	-2.5 to 2.5	Pass
					7.2	-5.264	-0.0021	-2.5 to 2.5	Pass
					8.4	-3.119	-0.0012	-2.5 to 2.5	Pass
				-30	7.2	-4.663	-0.0019	-2.5 to 2.5	Pass
				-20	7.2	-5.307	-0.0021	-2.5 to 2.5	Pass
				-10	7.2	8.898	0.0036	-2.5 to 2.5	Pass
				0	7.2	-3.405	-0.0014	-2.5 to 2.5	Pass
				10	7.2	6.509	0.0026	-2.5 to 2.5	Pass
				30	7.2	-3.076	-0.0012	-2.5 to 2.5	Pass
				40	7.2	7.138	0.0029	-2.5 to 2.5	Pass
	2593	75	0	50	7.2	7.896	0.0032	-2.5 to 2.5	Pass
				20	6.2	-2.375	-0.0009	-2.5 to 2.5	Pass
					7.2	13.661	0.0053	-2.5 to 2.5	Pass
					8.4	0.029	0.0000	-2.5 to 2.5	Pass
				-30	7.2	-0.587	-0.0002	-2.5 to 2.5	Pass
				-20	7.2	1.559	0.0006	-2.5 to 2.5	Pass
				-10	7.2	-1.230	-0.0005	-2.5 to 2.5	Pass
				0	7.2	14.205	0.0055	-2.5 to 2.5	Pass
				10	7.2	13.447	0.0052	-2.5 to 2.5	Pass
				30	7.2	-1.159	-0.0004	-2.5 to 2.5	Pass
	2682.5	75	0	40	7.2	12.589	0.0049	-2.5 to 2.5	Pass
				50	7.2	12.860	0.0050	-2.5 to 2.5	Pass
				20	6.2	-4.063	-0.0015	-2.5 to 2.5	Pass
					7.2	2.689	0.0010	-2.5 to 2.5	Pass
					8.4	10.943	0.0041	-2.5 to 2.5	Pass
				-30	7.2	11.187	0.0042	-2.5 to 2.5	Pass
				-20	7.2	11.201	0.0042	-2.5 to 2.5	Pass
				-10	7.2	-0.157	-0.0001	-2.5 to 2.5	Pass
				0	7.2	0.401	0.0001	-2.5 to 2.5	Pass
				10	7.2	0.014	0.0000	-2.5 to 2.5	Pass
				30	7.2	-0.086	0.0000	-2.5 to 2.5	Pass
				40	7.2	-1.402	-0.0005	-2.5 to 2.5	Pass
				50	7.2	0.200	0.0001	-2.5 to 2.5	Pass

2.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2506	100	0	20	6.2	-0.486	-0.0002	-2.5 to 2.5	Pass

					7.2	12.245	0.0049	-2.5 to 2.5	Pass
					8.4	11.344	0.0045	-2.5 to 2.5	Pass
				-30	7.2	11.458	0.0046	-2.5 to 2.5	Pass
				-20	7.2	-2.217	-0.0009	-2.5 to 2.5	Pass
				-10	7.2	-0.215	-0.0001	-2.5 to 2.5	Pass
				0	7.2	-1.245	-0.0005	-2.5 to 2.5	Pass
				10	7.2	-0.501	-0.0002	-2.5 to 2.5	Pass
				30	7.2	11.287	0.0045	-2.5 to 2.5	Pass
				40	7.2	10.614	0.0042	-2.5 to 2.5	Pass
				50	7.2	12.803	0.0051	-2.5 to 2.5	Pass
	2593	100	0	20	6.2	-0.472	-0.0002	-2.5 to 2.5	Pass
					7.2	0.358	0.0001	-2.5 to 2.5	Pass
					8.4	1.144	0.0004	-2.5 to 2.5	Pass
				-30	7.2	0.658	0.0003	-2.5 to 2.5	Pass
				-20	7.2	0.415	0.0002	-2.5 to 2.5	Pass
				-10	7.2	0.844	0.0003	-2.5 to 2.5	Pass
				0	7.2	14.405	0.0056	-2.5 to 2.5	Pass
				10	7.2	-1.945	-0.0008	-2.5 to 2.5	Pass
				30	7.2	15.306	0.0059	-2.5 to 2.5	Pass
				40	7.2	14.977	0.0058	-2.5 to 2.5	Pass
				50	7.2	0.844	0.0003	-2.5 to 2.5	Pass
	2680	100	0	20	6.2	10.886	0.0041	-2.5 to 2.5	Pass
					7.2	-0.701	-0.0003	-2.5 to 2.5	Pass
					8.4	11.172	0.0042	-2.5 to 2.5	Pass
				-30	7.2	12.188	0.0045	-2.5 to 2.5	Pass
				-20	7.2	-3.061	-0.0011	-2.5 to 2.5	Pass
				-10	7.2	-5.965	-0.0022	-2.5 to 2.5	Pass
				0	7.2	-3.719	-0.0014	-2.5 to 2.5	Pass
				10	7.2	-4.234	-0.0016	-2.5 to 2.5	Pass
				30	7.2	-3.548	-0.0013	-2.5 to 2.5	Pass
				40	7.2	12.016	0.0045	-2.5 to 2.5	Pass
				50	7.2	-2.789	-0.0010	-2.5 to 2.5	Pass
16QAM	2506	100	0	20	6.2	10.743	0.0043	-2.5 to 2.5	Pass
					7.2	-0.815	-0.0003	-2.5 to 2.5	Pass
					8.4	12.417	0.0050	-2.5 to 2.5	Pass
				-30	7.2	12.245	0.0049	-2.5 to 2.5	Pass
				-20	7.2	1.001	0.0004	-2.5 to 2.5	Pass
				-10	7.2	-0.143	-0.0001	-2.5 to 2.5	Pass
				0	7.2	12.617	0.0050	-2.5 to 2.5	Pass
				10	7.2	-1.202	-0.0005	-2.5 to 2.5	Pass
				30	7.2	11.258	0.0045	-2.5 to 2.5	Pass
				40	7.2	12.002	0.0048	-2.5 to 2.5	Pass
				50	7.2	12.846	0.0051	-2.5 to 2.5	Pass
	2593	100	0	20	6.2	11.730	0.0045	-2.5 to 2.5	Pass
					7.2	-1.416	-0.0005	-2.5 to 2.5	Pass
					8.4	12.889	0.0050	-2.5 to 2.5	Pass
				-30	7.2	17.567	0.0068	-2.5 to 2.5	Pass
				-20	7.2	-2.074	-0.0008	-2.5 to 2.5	Pass
				-10	7.2	1.044	0.0004	-2.5 to 2.5	Pass
				0	7.2	-1.202	-0.0005	-2.5 to 2.5	Pass
				10	7.2	12.603	0.0049	-2.5 to 2.5	Pass
				30	7.2	14.348	0.0055	-2.5 to 2.5	Pass
				40	7.2	13.776	0.0053	-2.5 to 2.5	Pass
				50	7.2	14.105	0.0054	-2.5 to 2.5	Pass
	2680	100	0	20	6.2	10.843	0.0040	-2.5 to 2.5	Pass
					7.2	10.657	0.0040	-2.5 to 2.5	Pass
					8.4	-1.960	-0.0007	-2.5 to 2.5	Pass
				-30	7.2	12.860	0.0048	-2.5 to 2.5	Pass
				-20	7.2	-4.678	-0.0017	-2.5 to 2.5	Pass

				-10	7.2	-3.347	-0.0012	-2.5 to 2.5	Pass
				0	7.2	-2.646	-0.0010	-2.5 to 2.5	Pass
				10	7.2	12.431	0.0046	-2.5 to 2.5	Pass
				30	7.2	-2.203	-0.0008	-2.5 to 2.5	Pass
				40	7.2	-3.204	-0.0012	-2.5 to 2.5	Pass
				50	7.2	-2.232	-0.0008	-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	2498.5	25	0	4.544	/	Pass
		2593	25	0	4.539	/	Pass
		2687.5	25	0	4.540	/	Pass
	16QAM	2498.5	25	0	4.566	/	Pass
		2593	25	0	4.527	/	Pass
		2687.5	25	0	4.543	/	Pass
10	QPSK	2501	50	0	9.032	/	Pass
		2593	50	0	8.996	/	Pass
		2685	50	0	9.049	/	Pass
	16QAM	2501	50	0	9.037	/	Pass
		2593	50	0	9.019	/	Pass
		2685	50	0	9.024	/	Pass
15	QPSK	2503.5	75	0	13.547	/	Pass
		2593	75	0	13.521	/	Pass
		2682.5	75	0	13.501	/	Pass
	16QAM	2503.5	75	0	13.579	/	Pass
		2593	75	0	13.563	/	Pass
		2682.5	75	0	13.529	/	Pass
20	QPSK	2506	100	0	18.068	/	Pass
		2593	100	0	17.982	/	Pass
		2680	100	0	18.069	/	Pass
	16QAM	2506	100	0	17.975	/	Pass
		2593	100	0	17.999	/	Pass
		2680	100	0	18.026	/	Pass

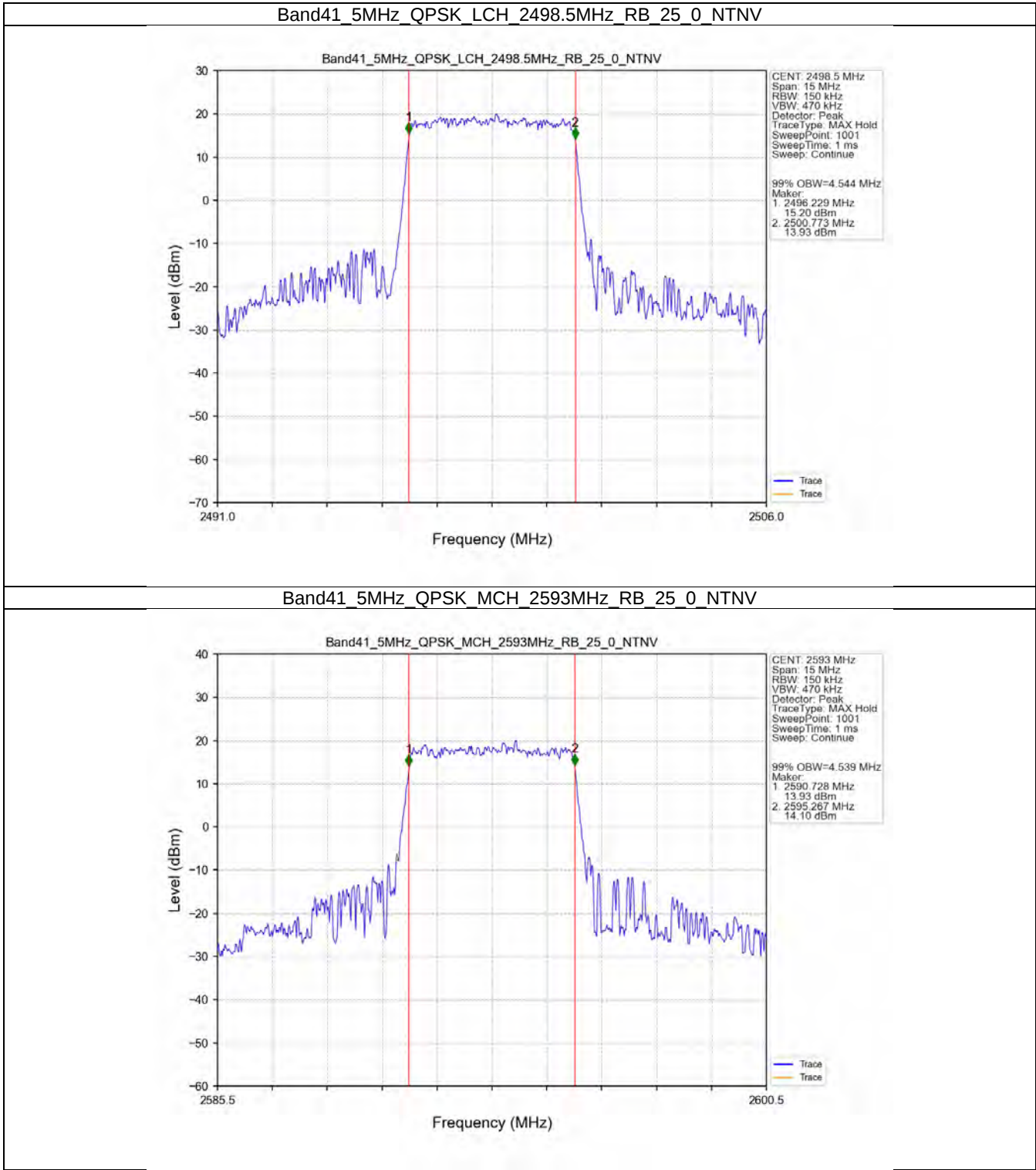
3.1.2 Band41_XDB

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.028	/	Pass
		2593	25	0	5.048	/	Pass
		2687.5	25	0	5.080	/	Pass
	16QAM	2498.5	25	0	5.071	/	Pass
		2593	25	0	5.106	/	Pass
		2687.5	25	0	5.052	/	Pass
10	QPSK	2501	50	0	10.568	/	Pass
		2593	50	0	10.031	/	Pass
		2685	50	0	10.055	/	Pass
	16QAM	2501	50	0	9.912	/	Pass
		2593	50	0	10.052	/	Pass
		2685	50	0	9.912	/	Pass
15	QPSK	2503.5	75	0	15.560	/	Pass
		2593	75	0	14.889	/	Pass
		2682.5	75	0	15.245	/	Pass

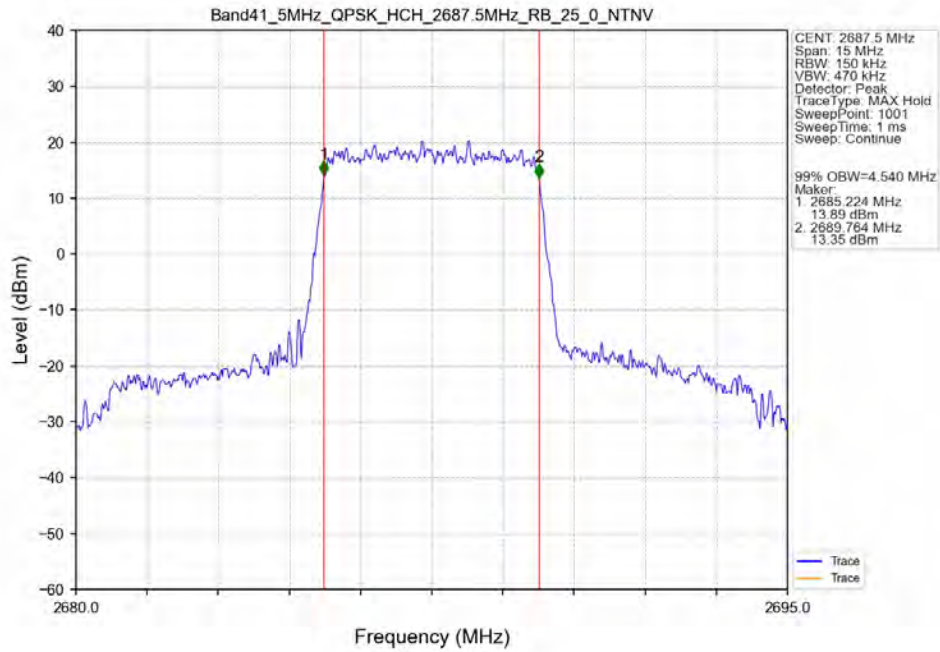
	16QAM	2503.5	75	0	15.913	/	Pass
		2593	75	0	15.475	/	Pass
		2682.5	75	0	16.154	/	Pass
20	QPSK	2506	100	0	19.958	/	Pass
		2593	100	0	20.804	/	Pass
		2680	100	0	19.692	/	Pass
	16QAM	2506	100	0	19.518	/	Pass
		2593	100	0	19.596	/	Pass
		2680	100	0	19.656	/	Pass

3.2 Test Graph

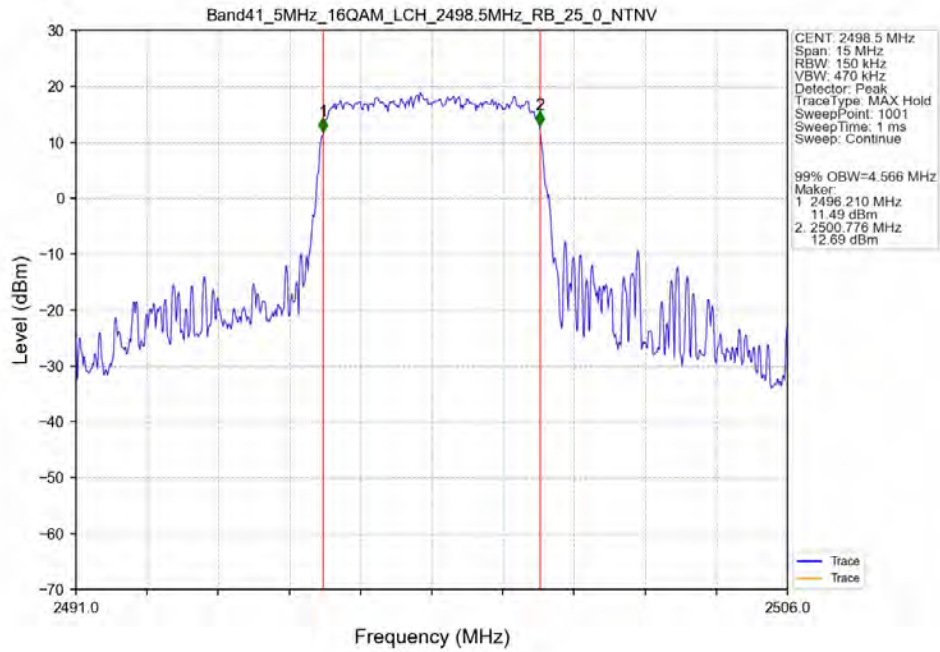
3.2.1 Band41_OBW



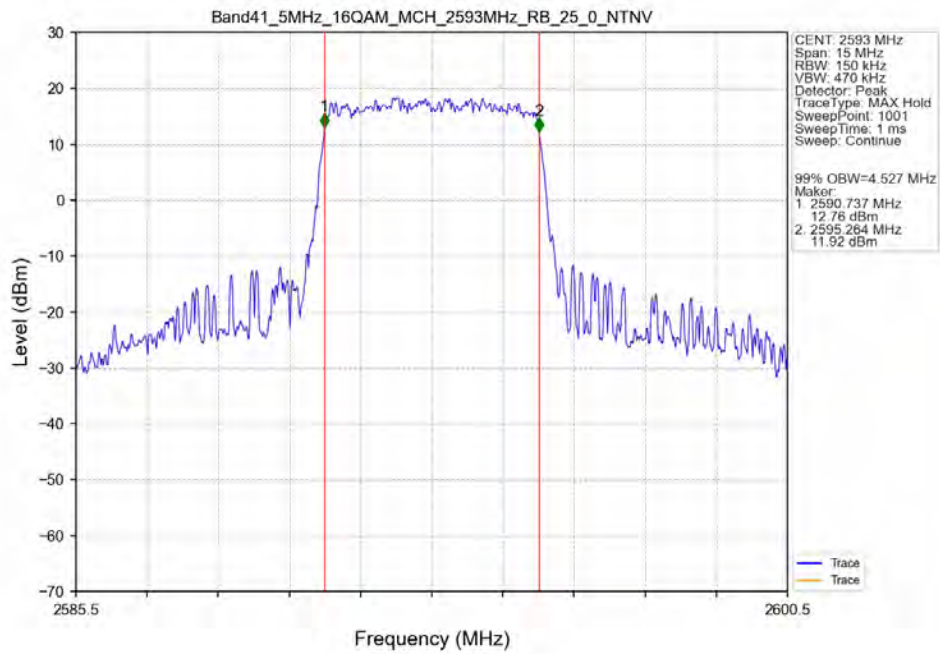
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



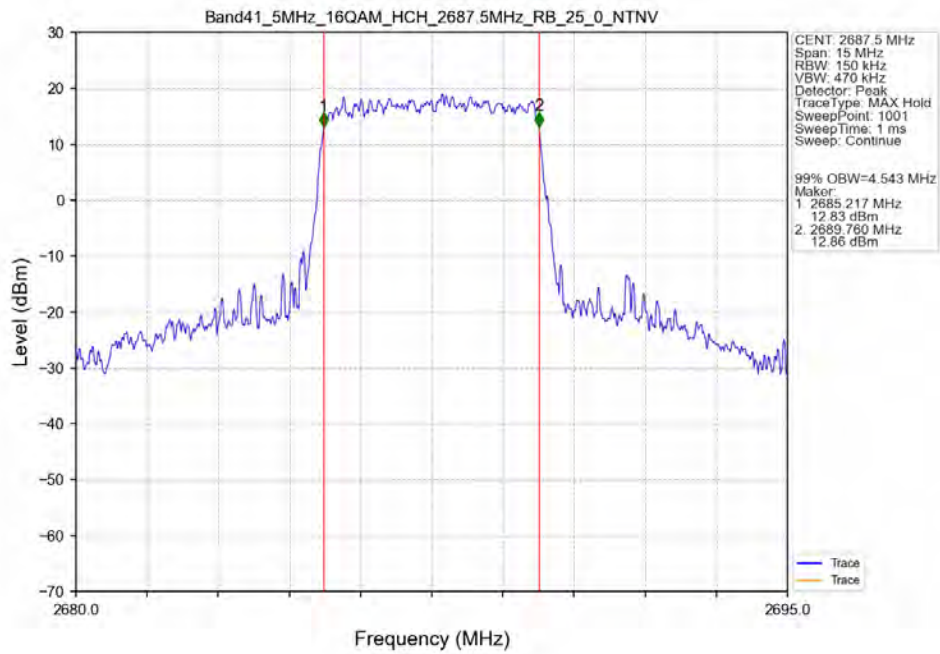
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV



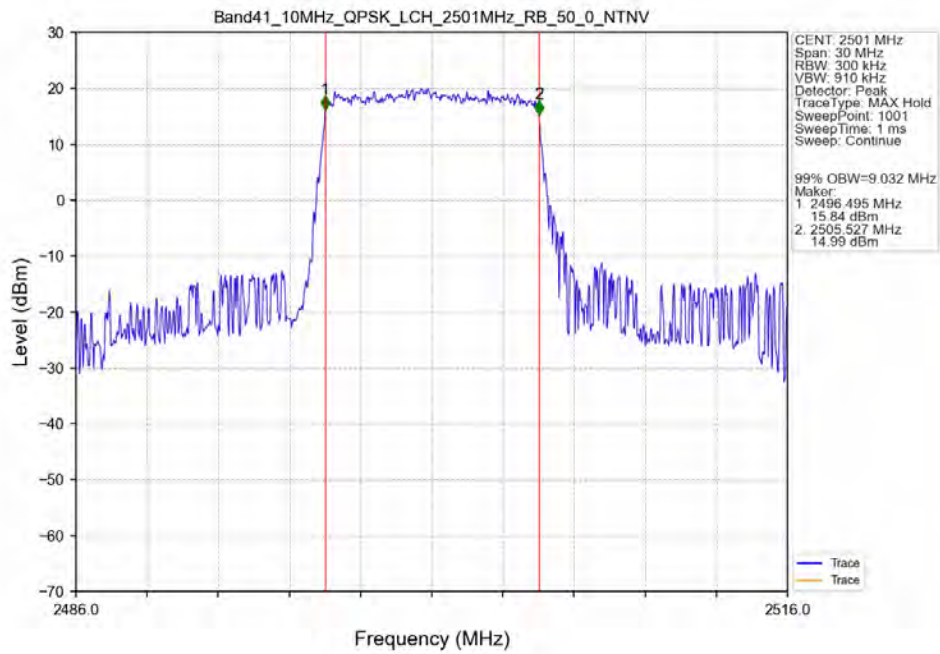
Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTV



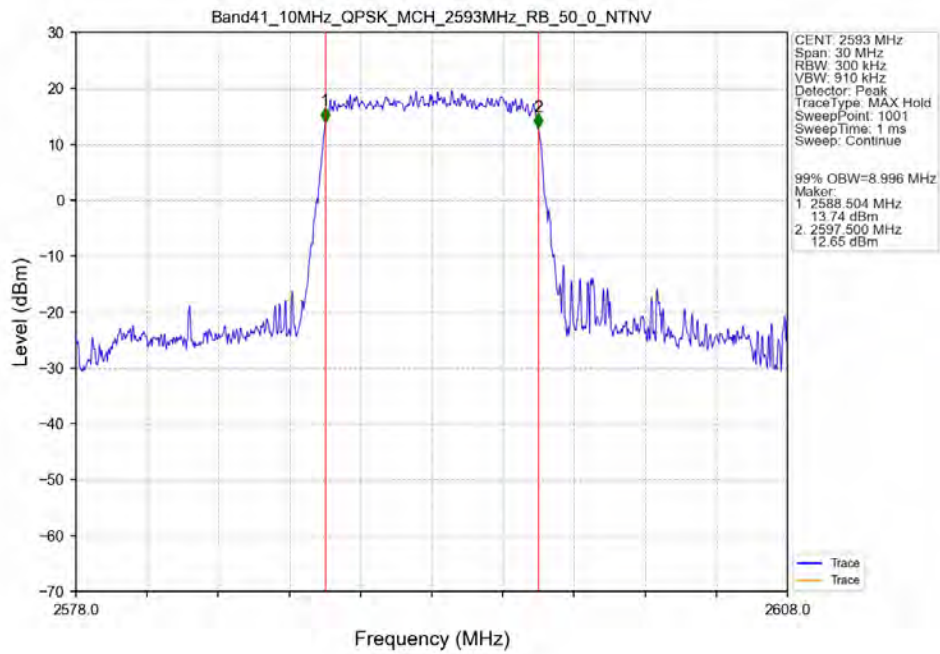
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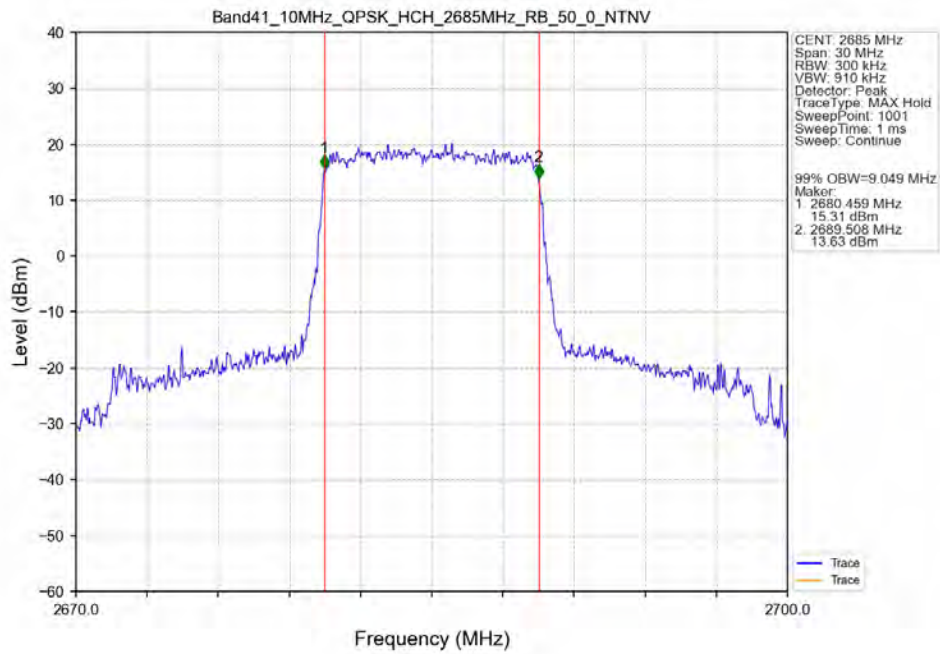
Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTN



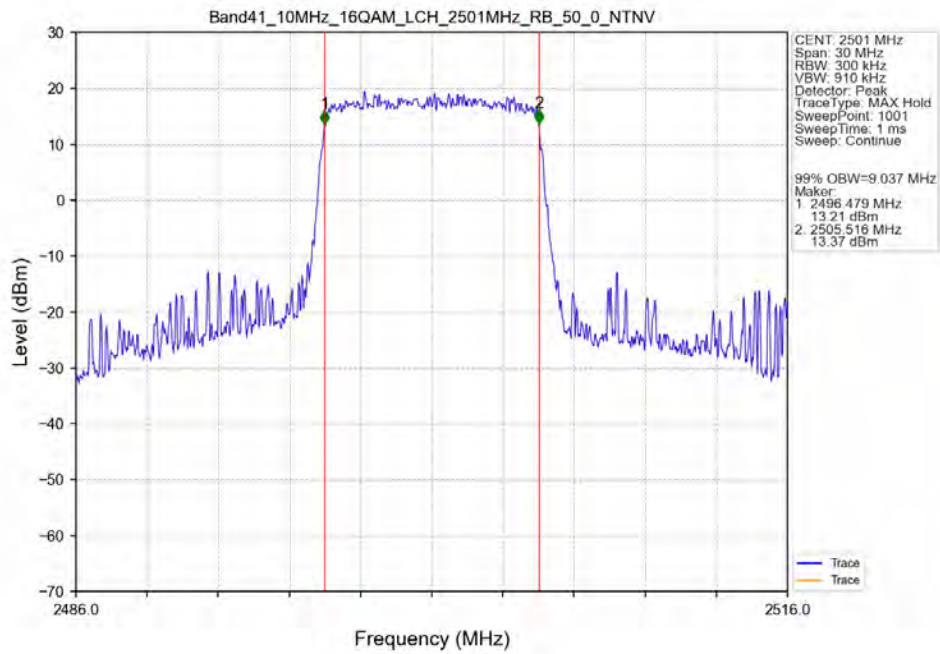
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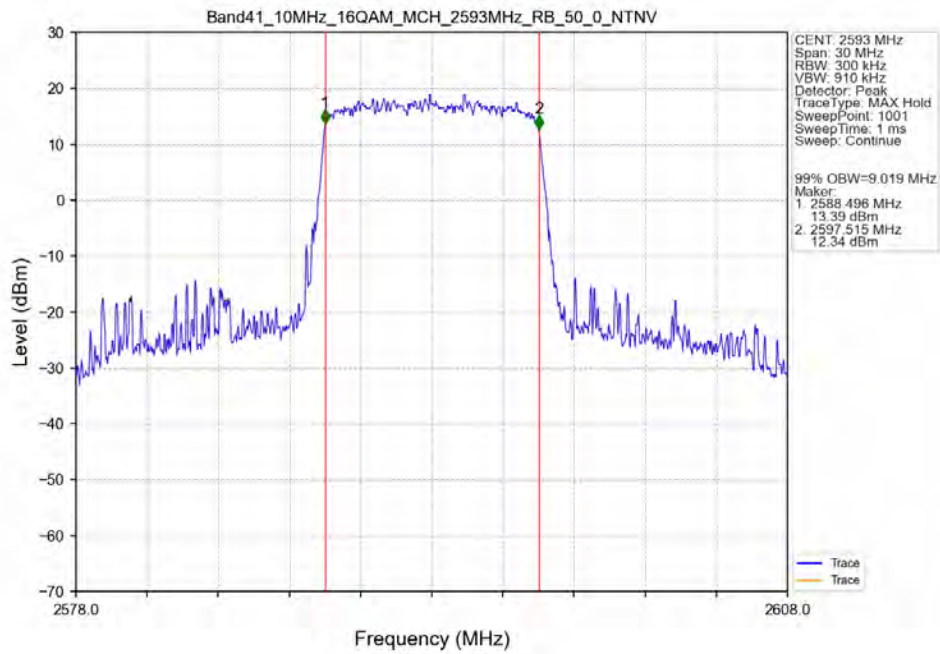
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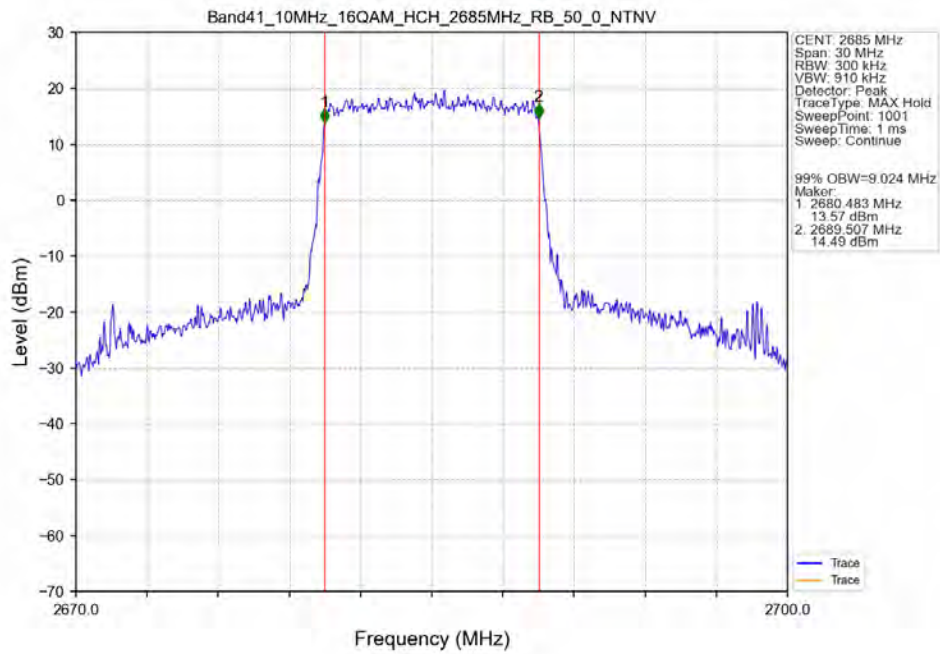
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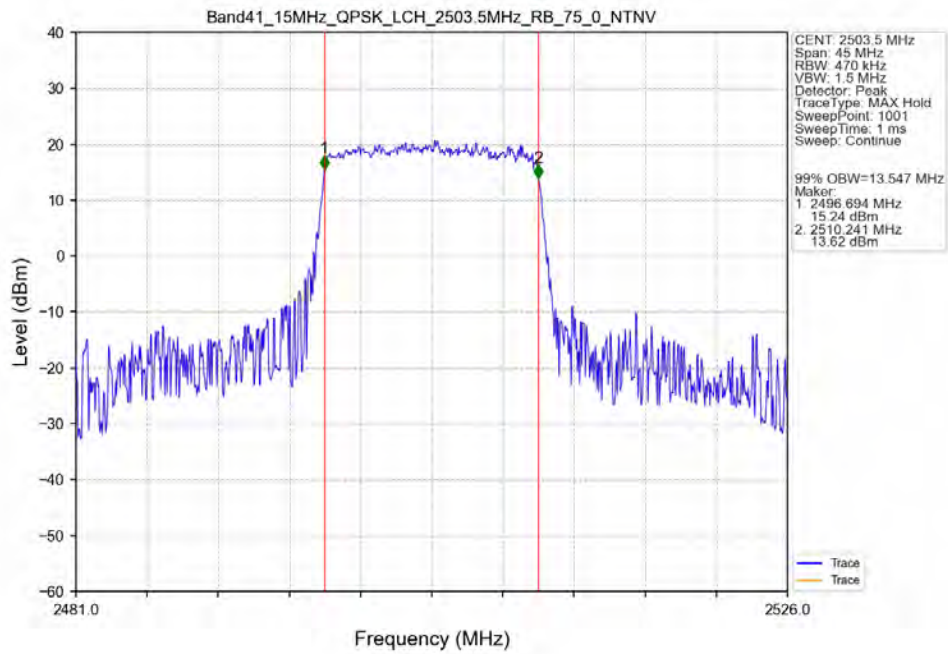
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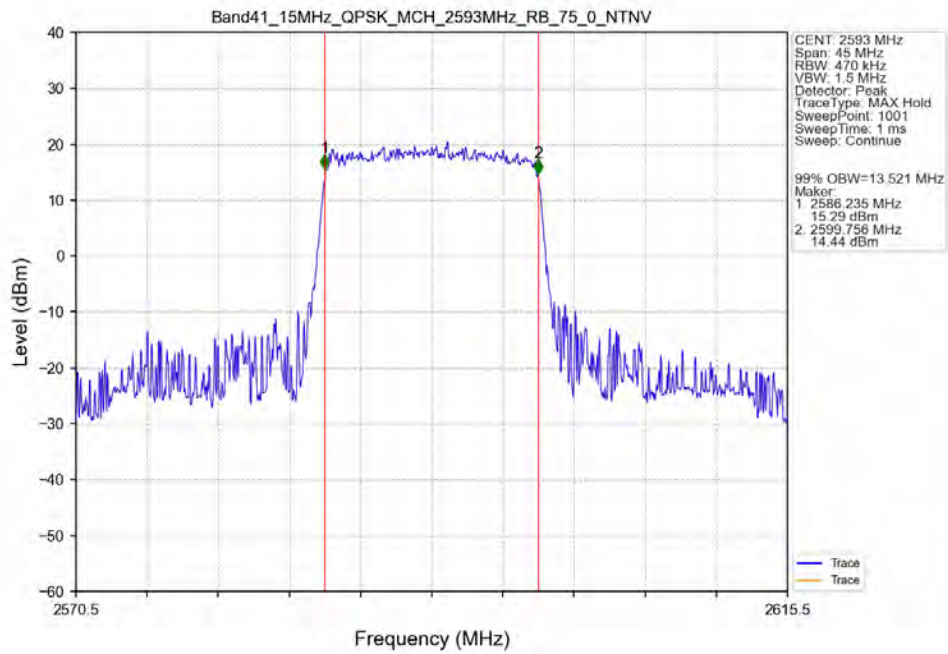
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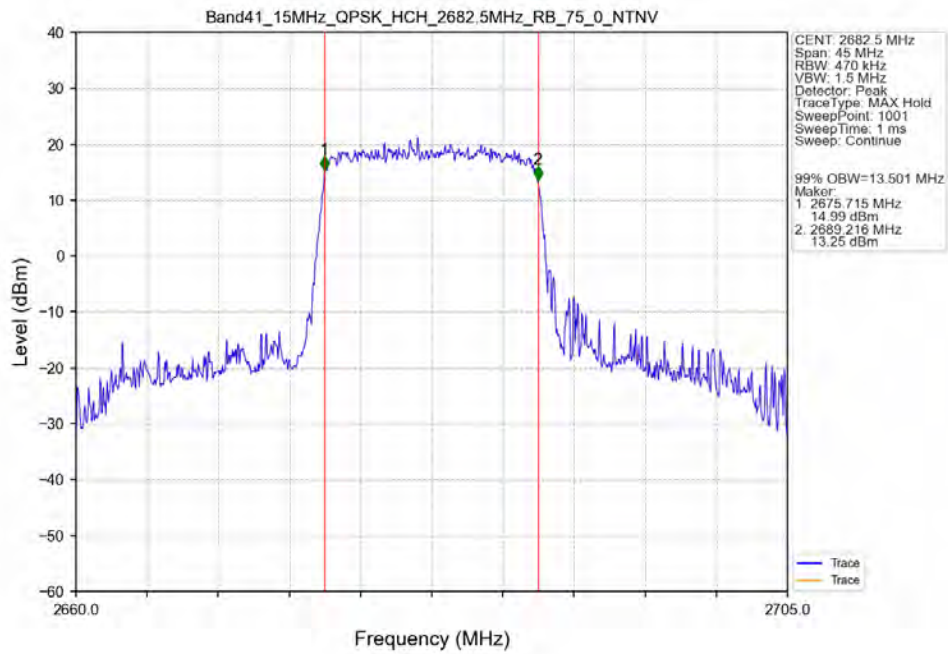
Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV



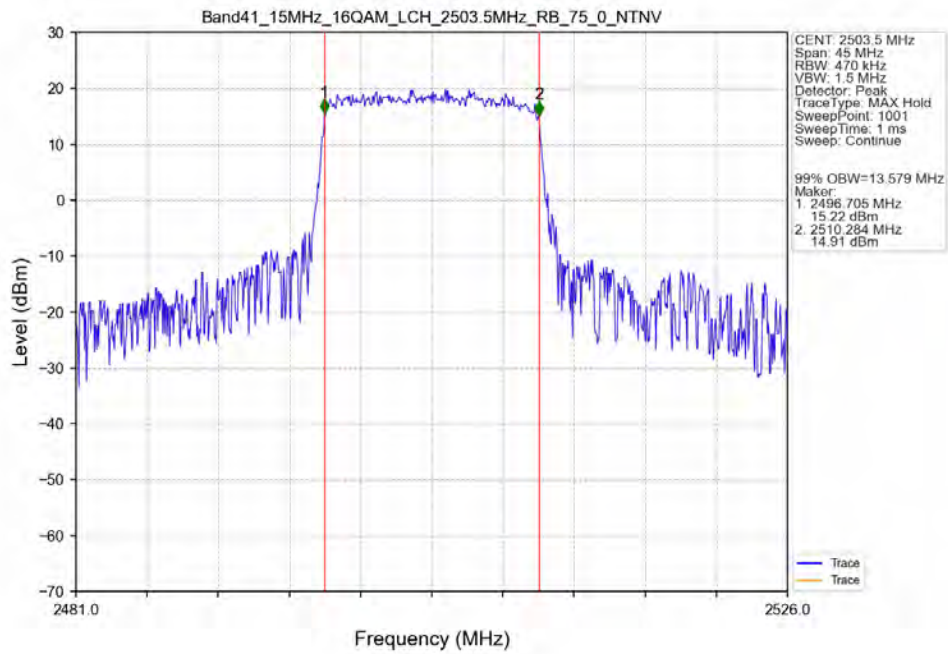
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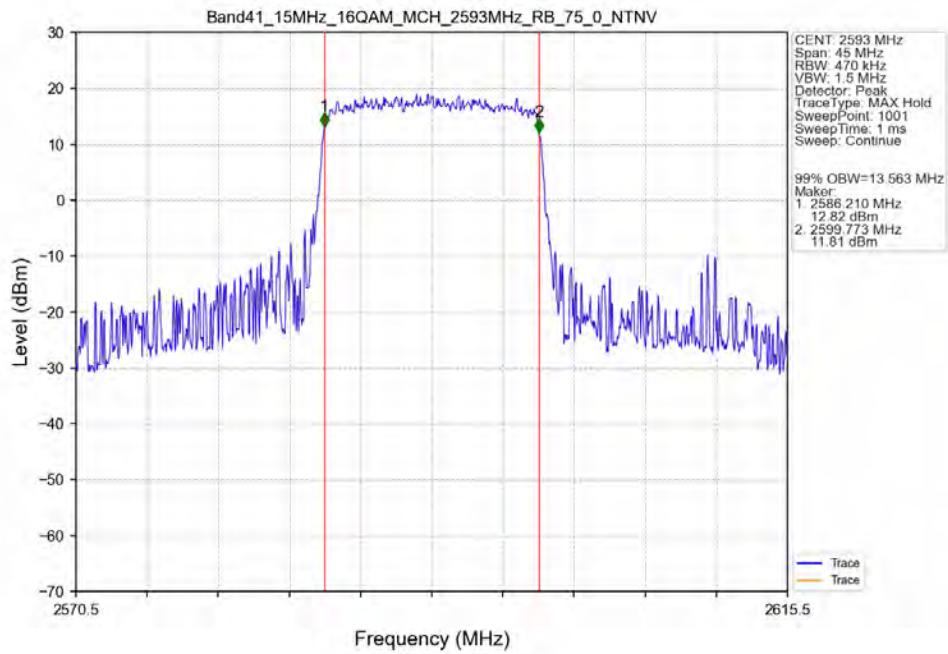
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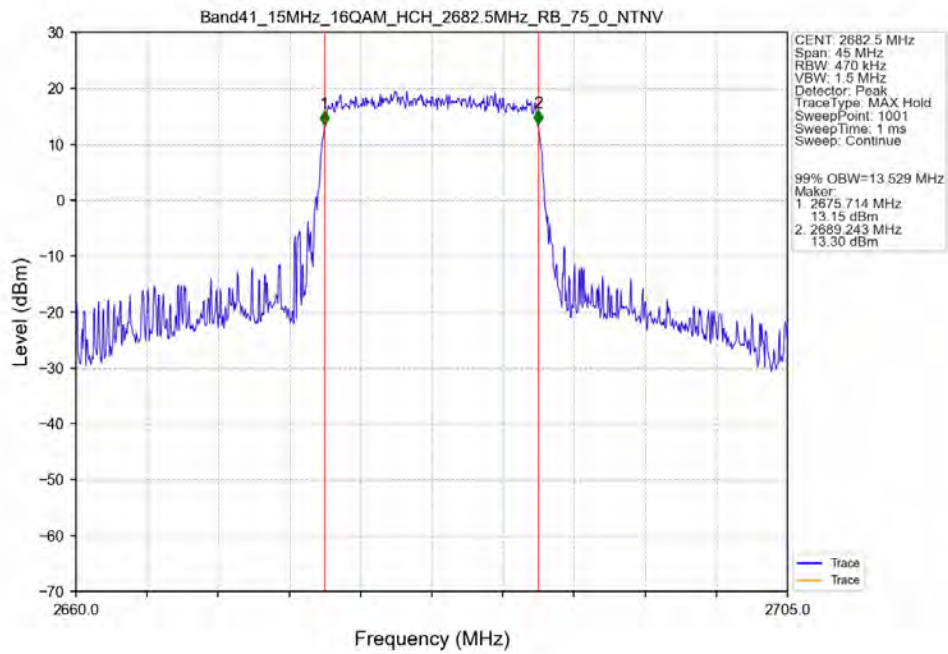
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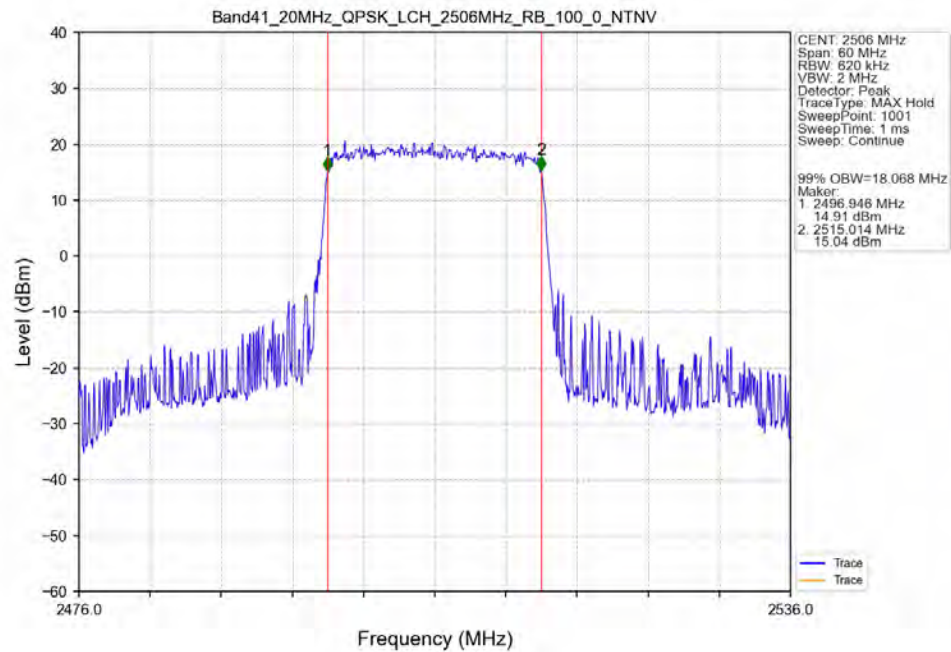
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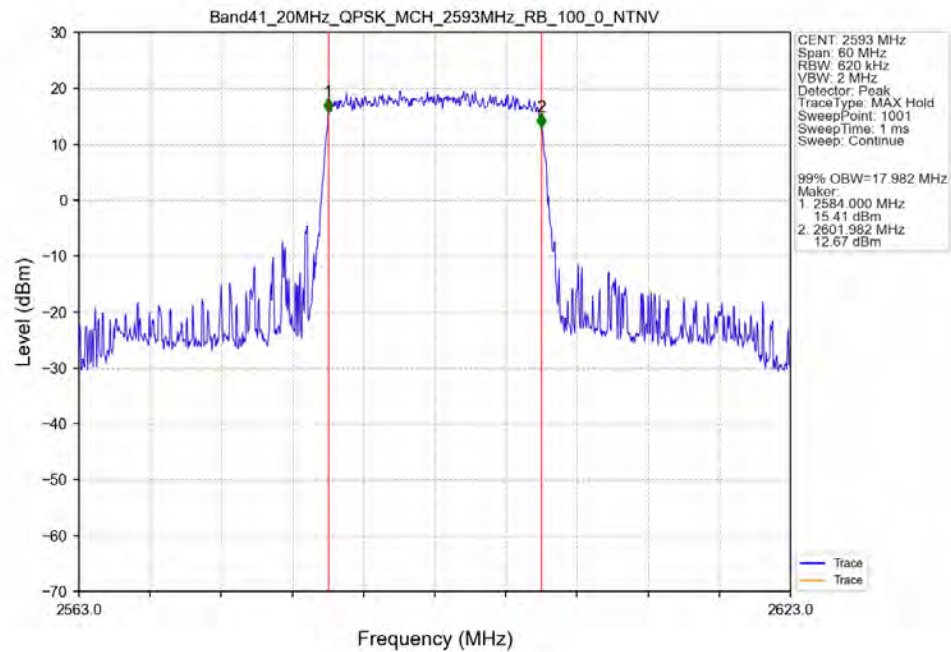
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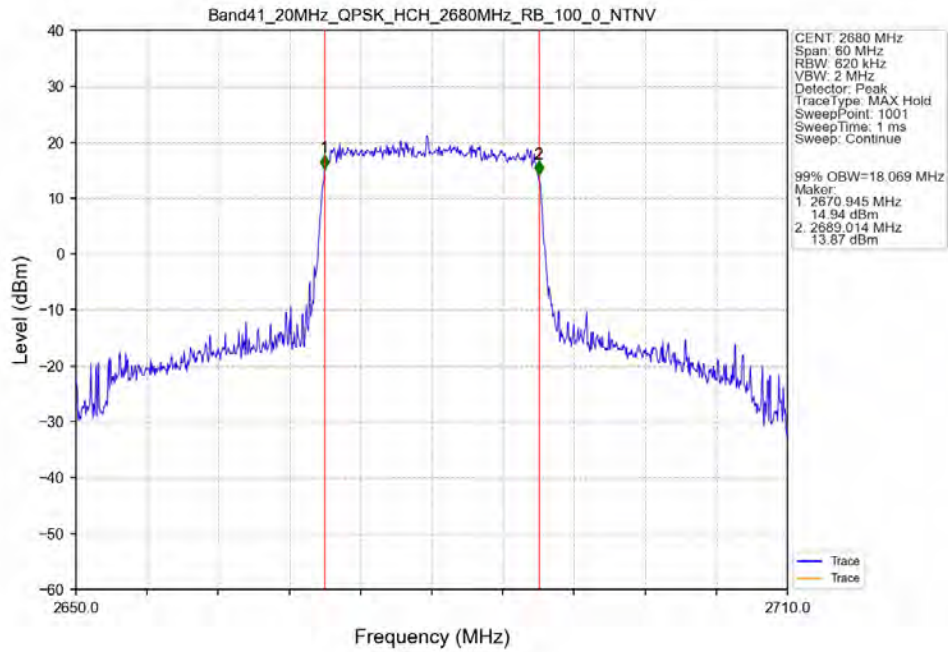
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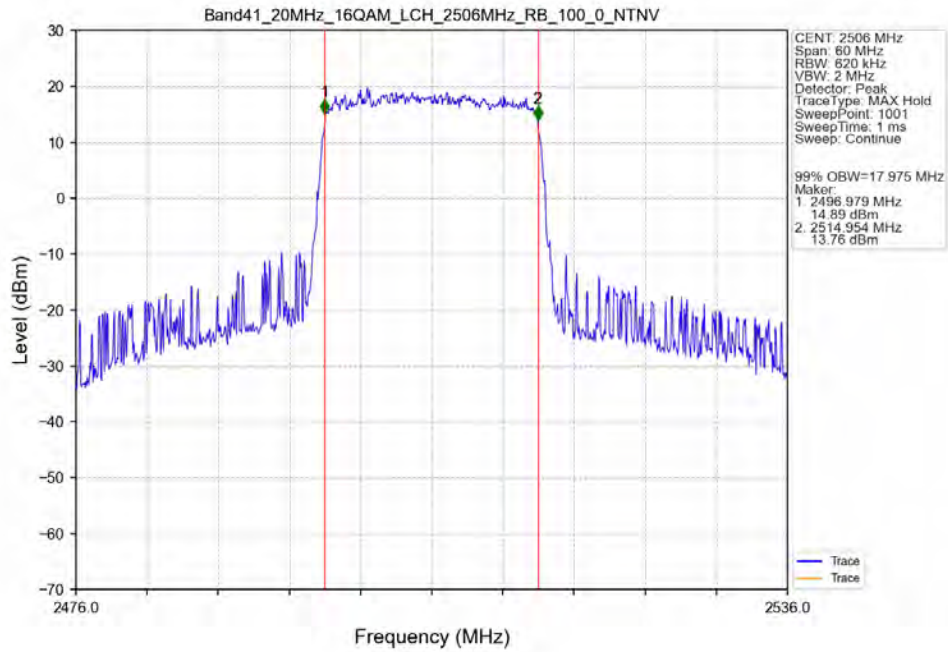
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



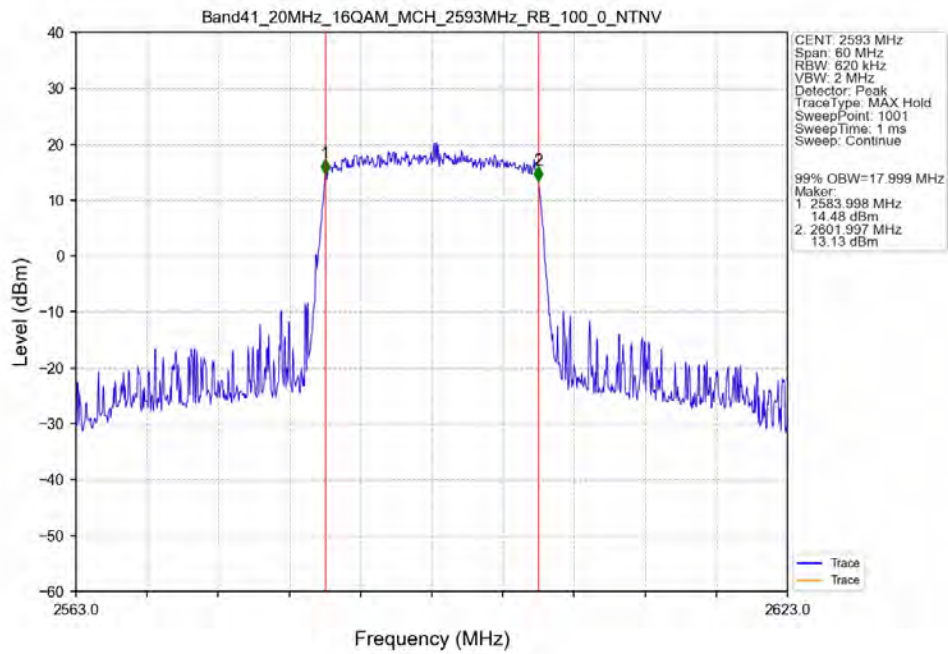
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



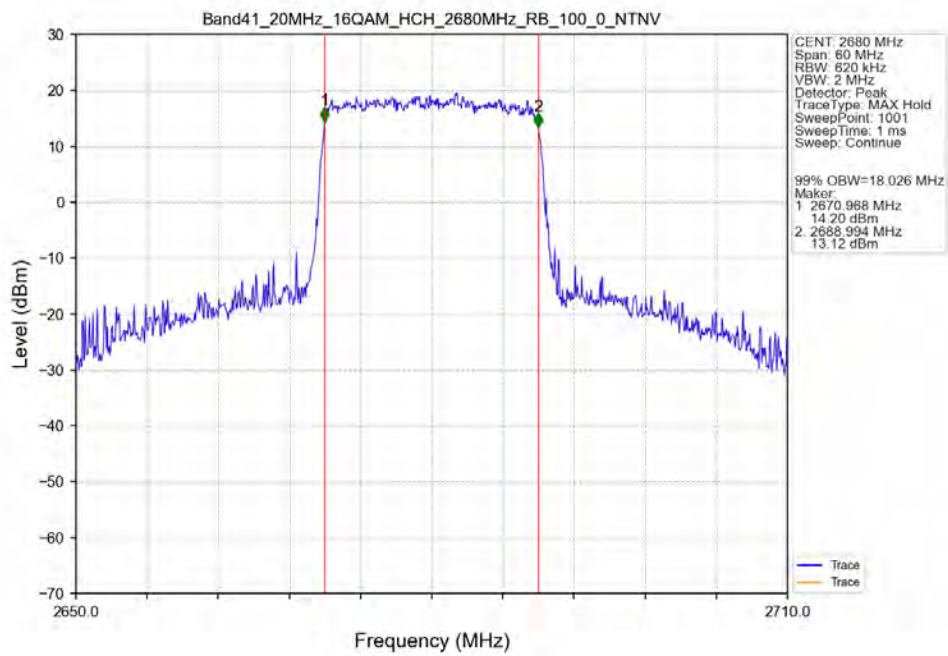
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTNV



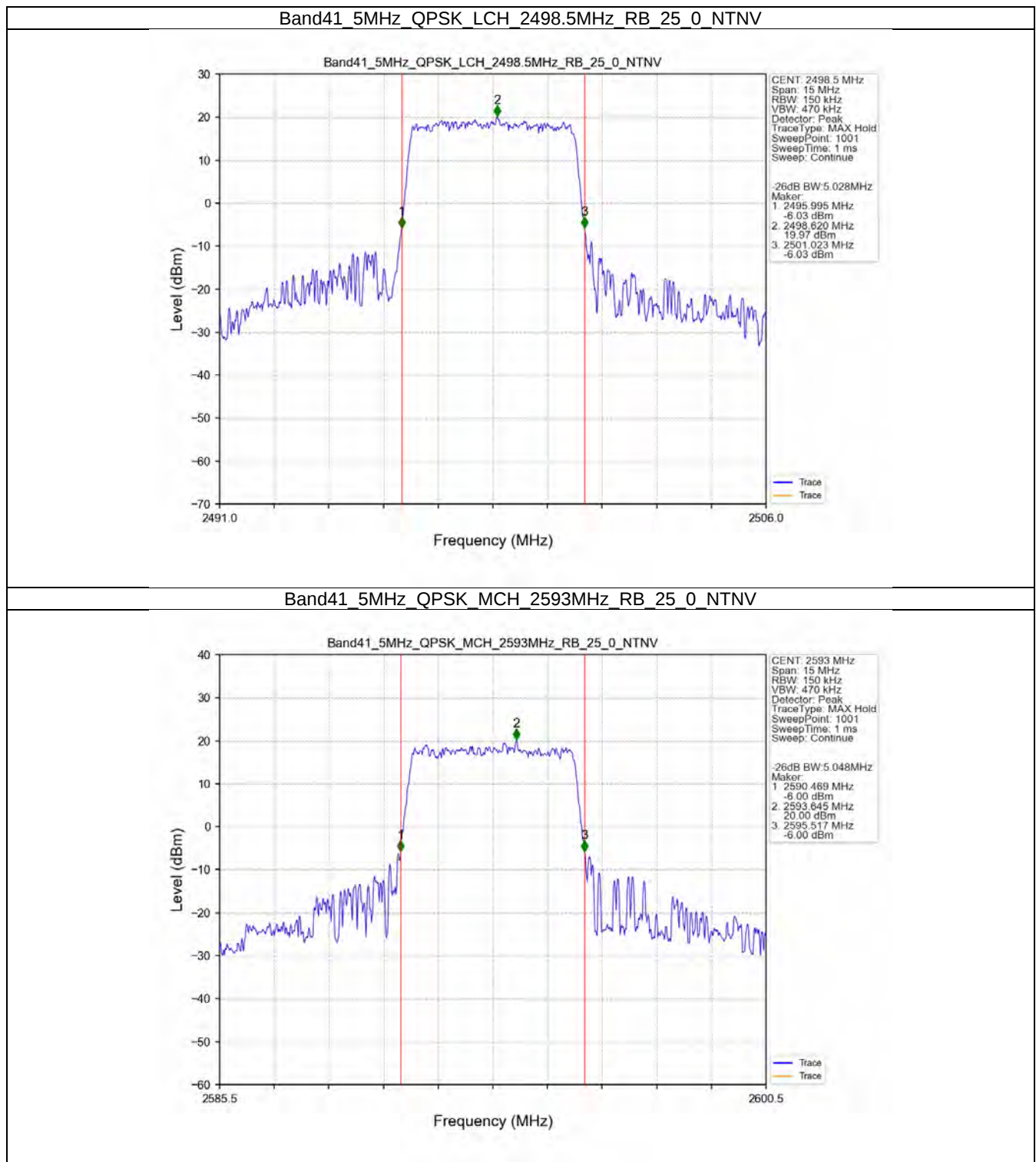
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



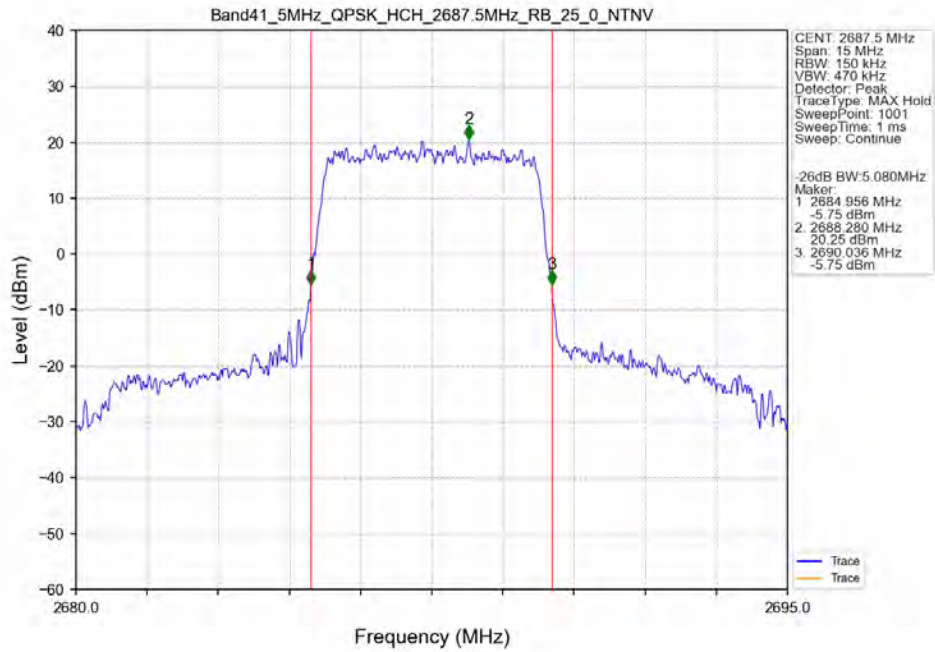
Band41 20MHz 16QAM HCH 2680MHz RB 100 0 NTNV



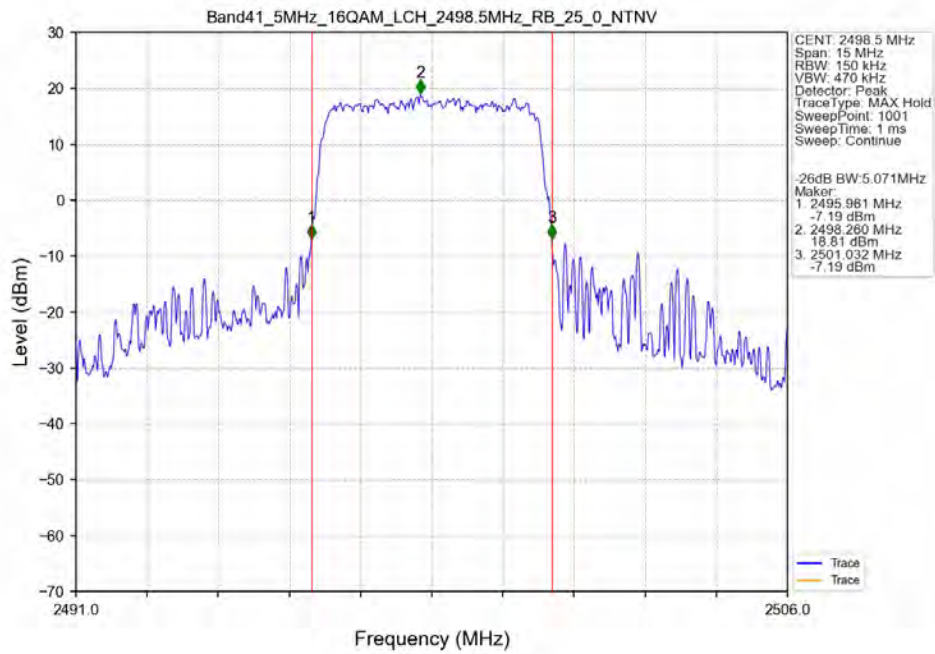
3.2.2 Band41_XDB



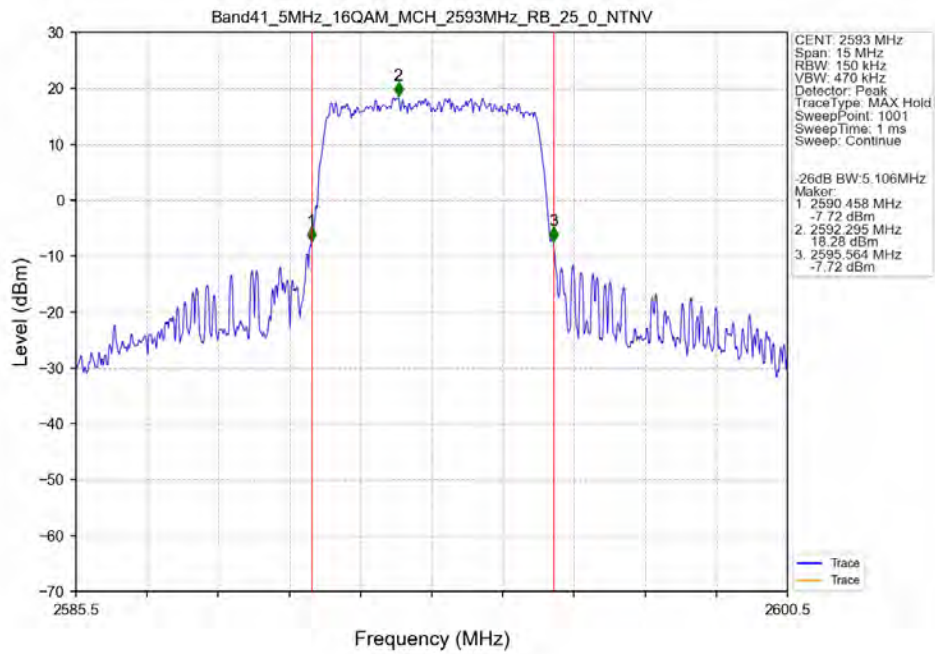
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



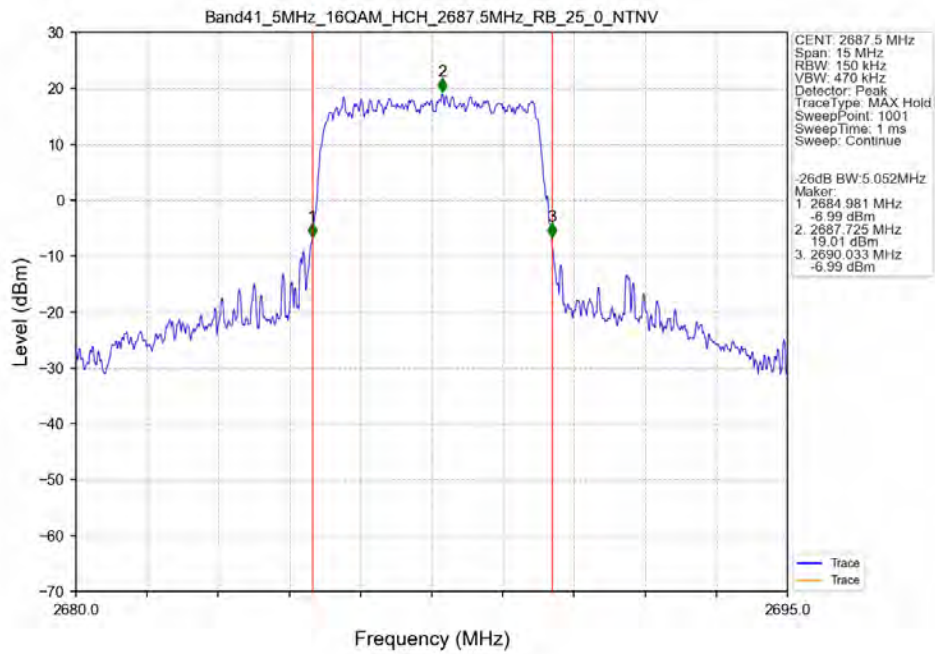
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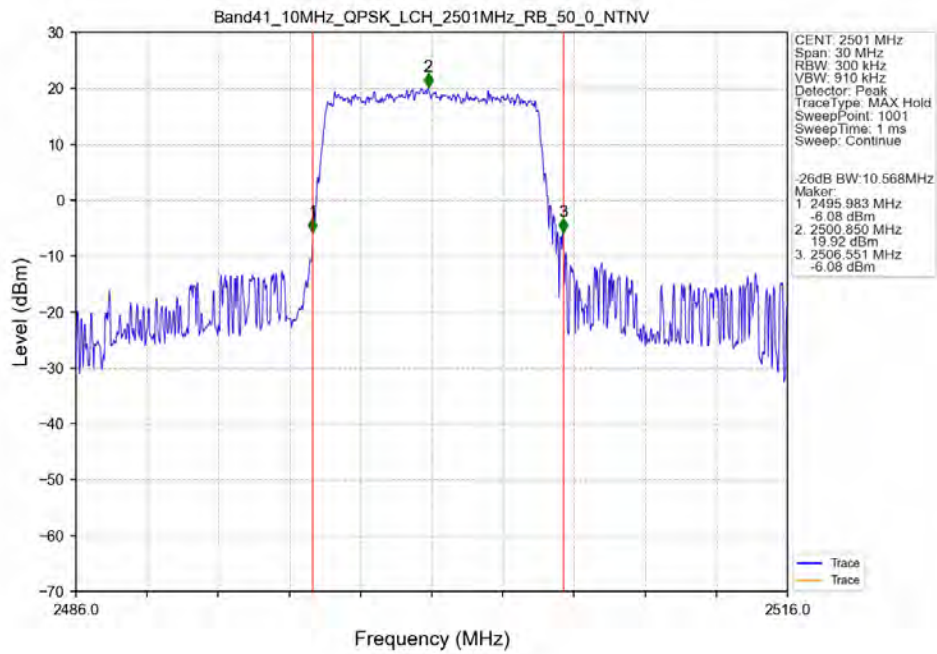
Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTNV



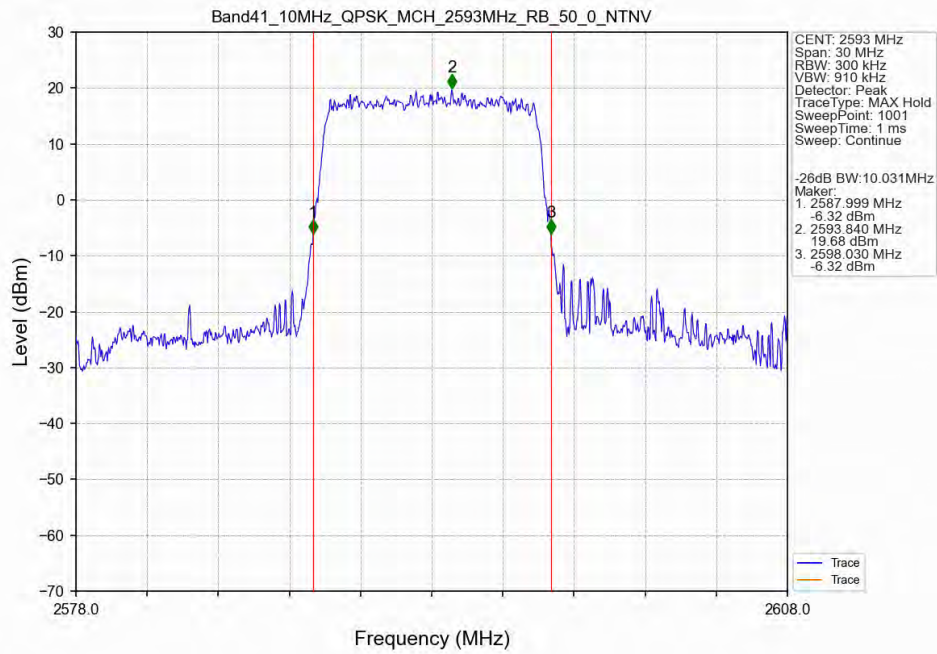
Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV



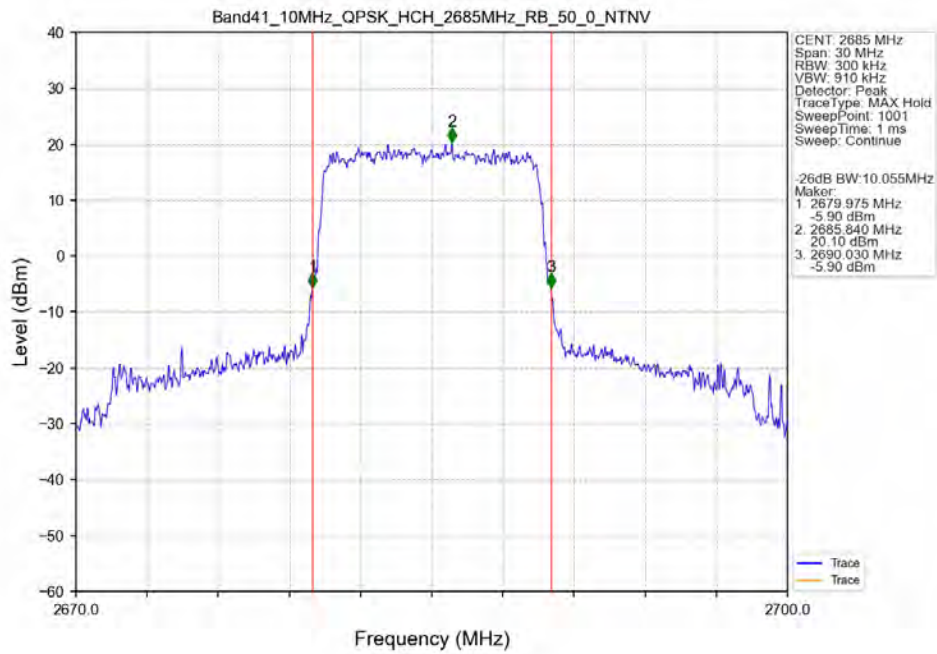
Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTNV



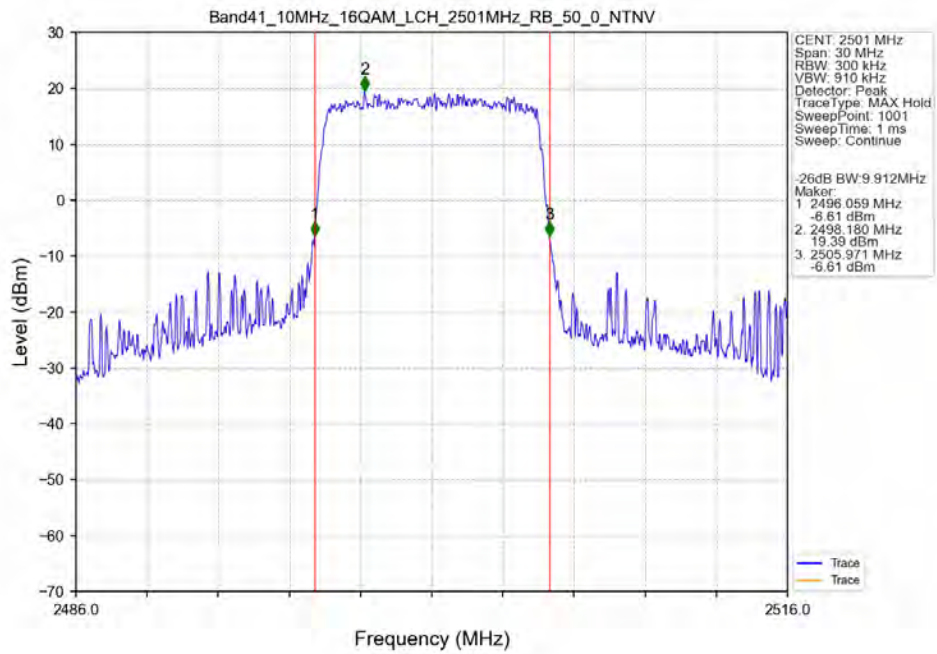
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTNV



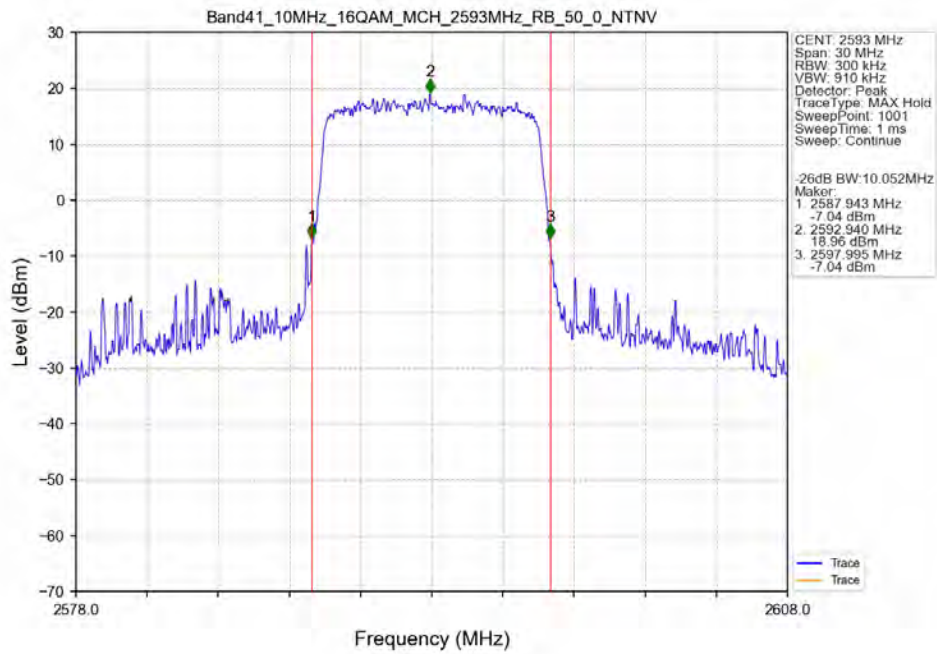
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV



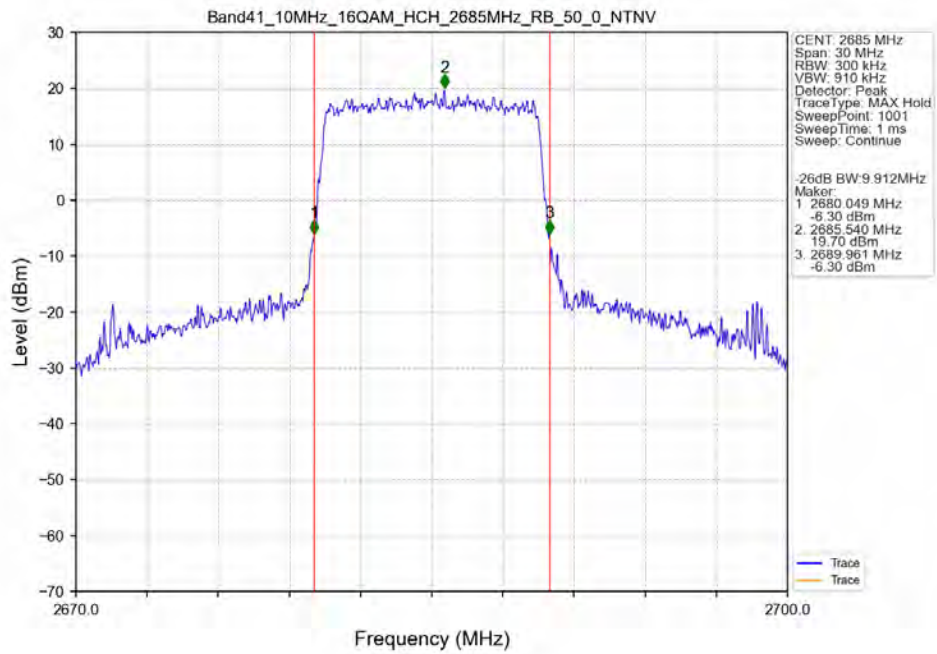
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTV



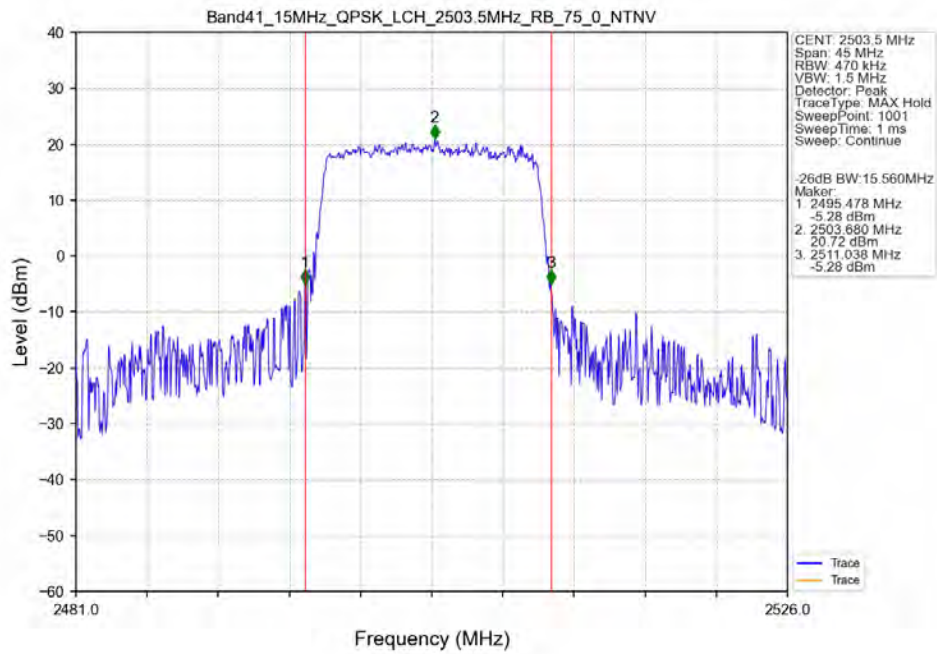
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTV



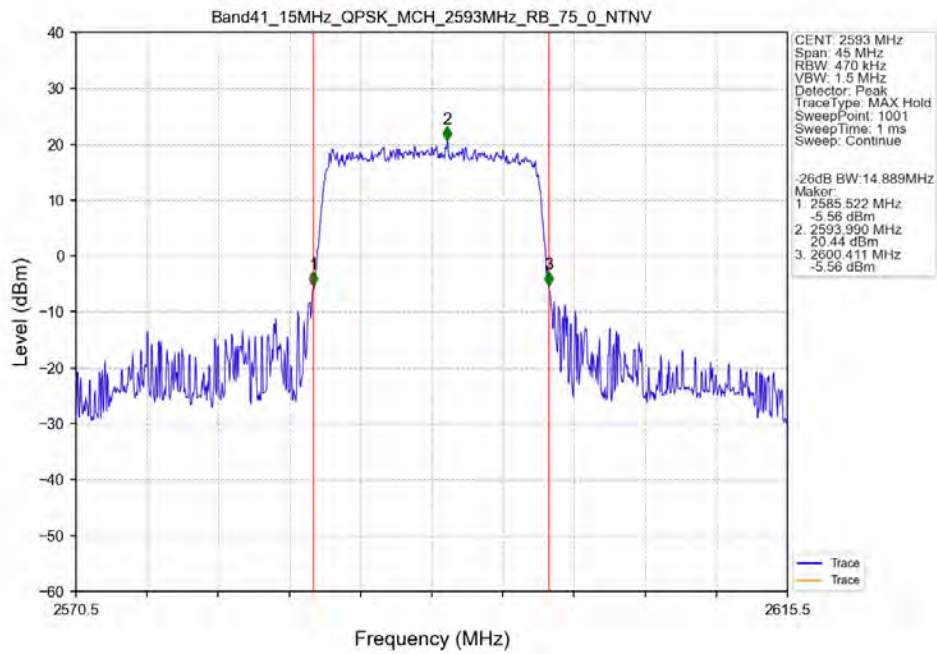
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTV



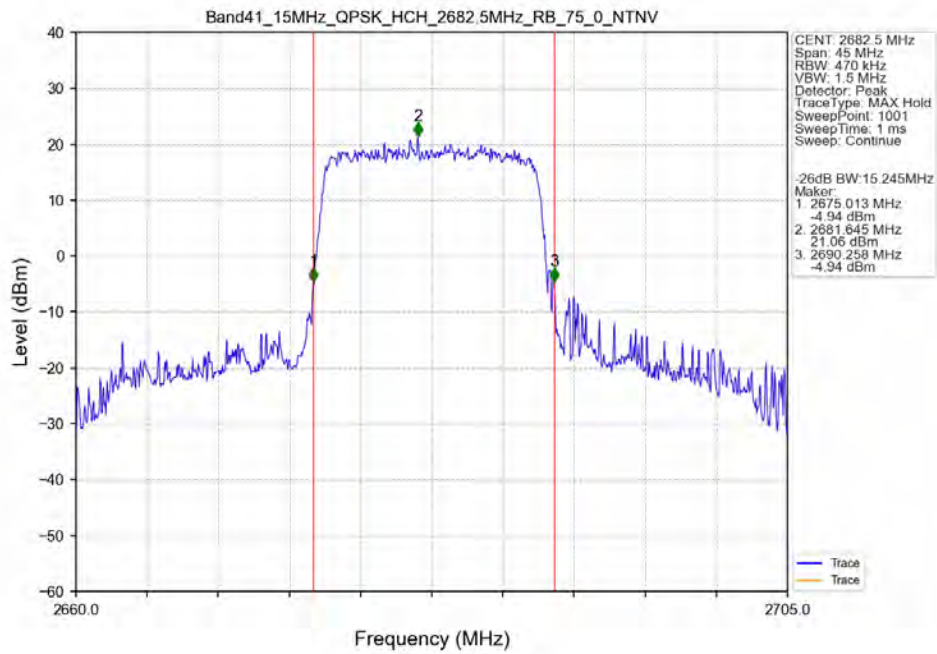
Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV



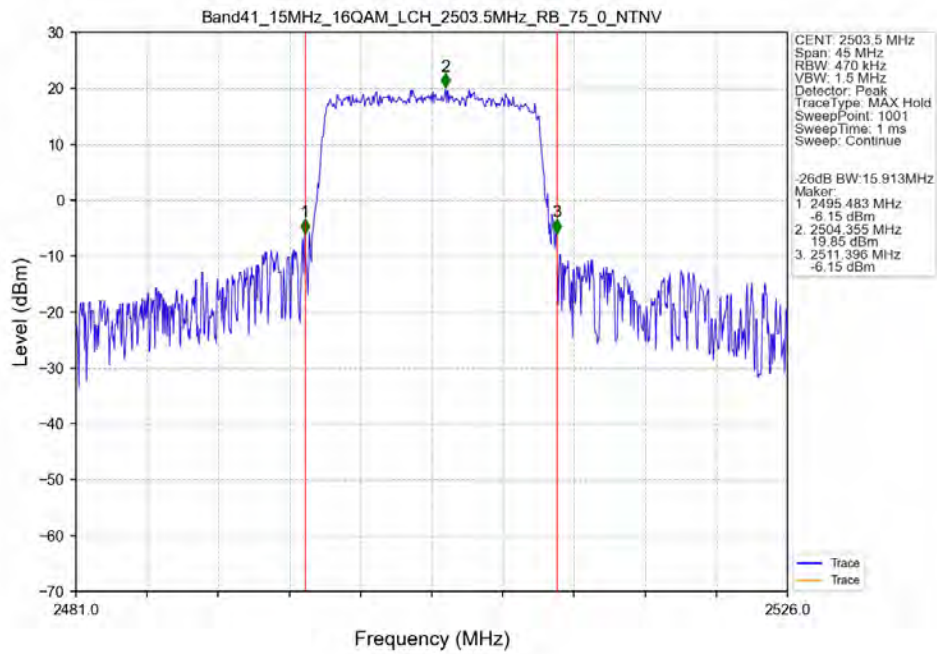
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



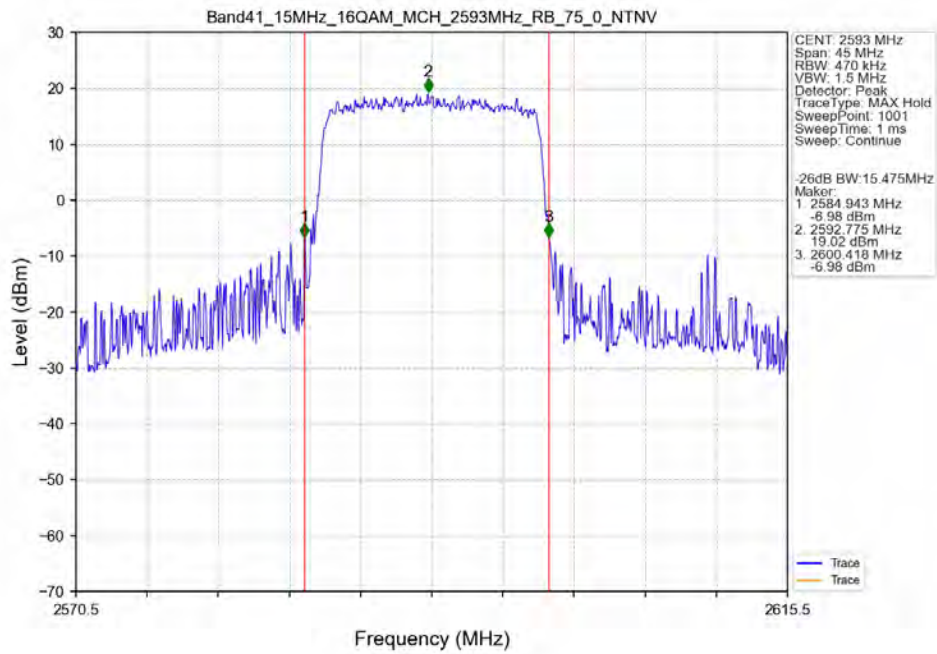
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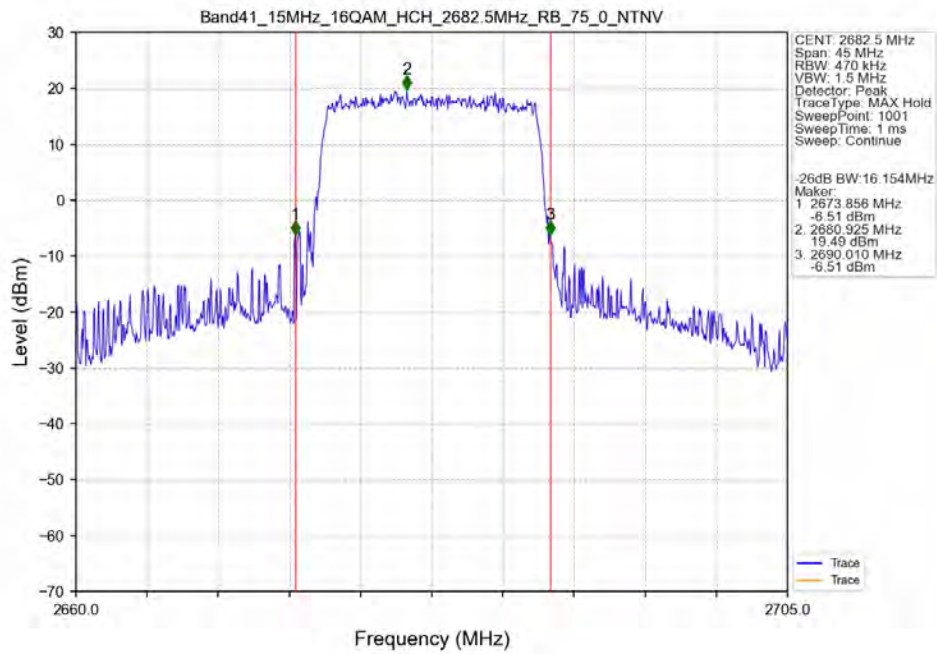
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTNV



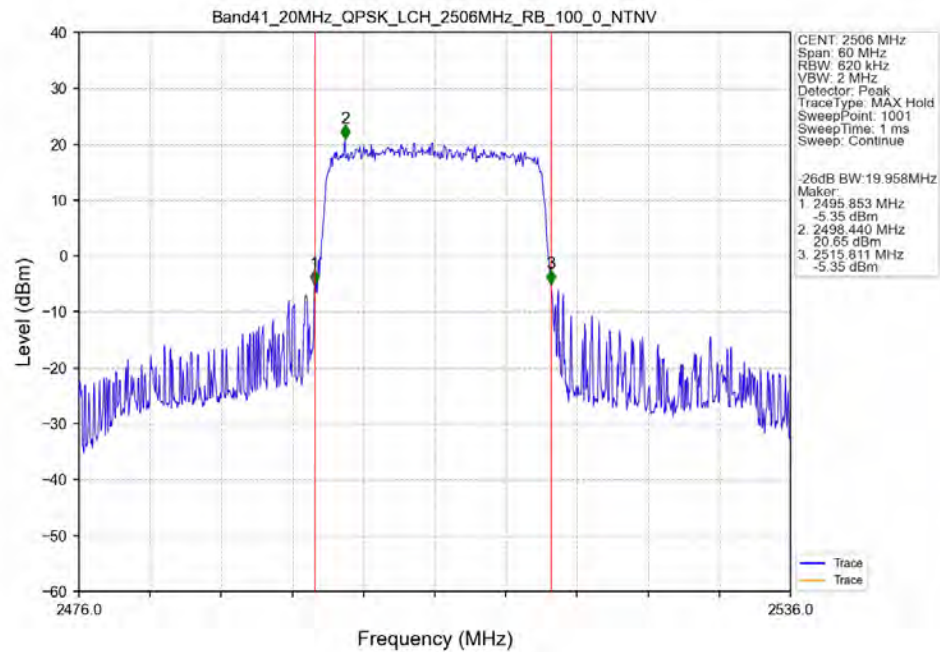
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



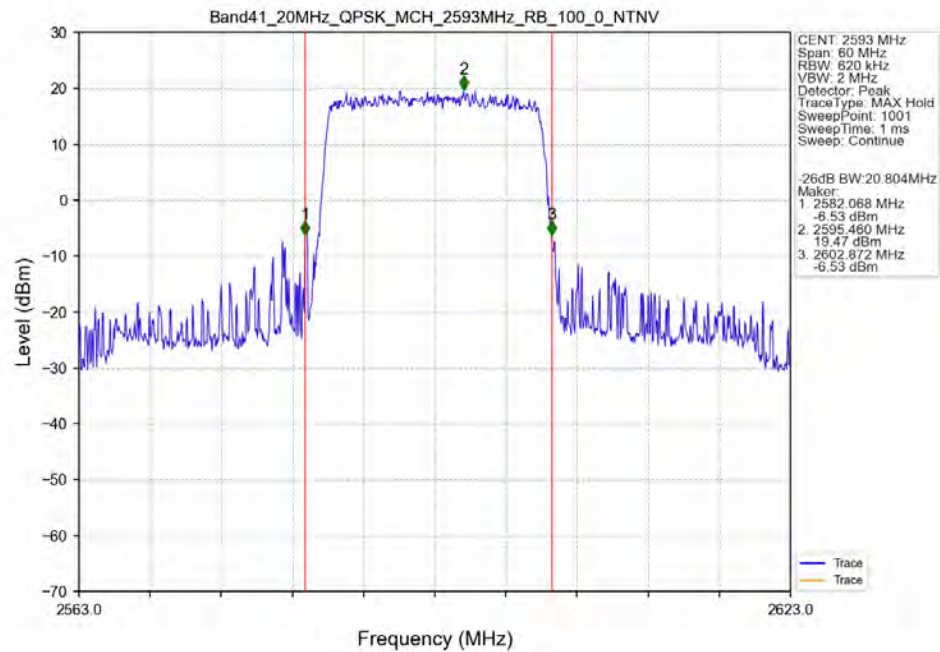
Band41 15MHz 16QAM HCH 2682.5MHz RB 75 0 NTNV



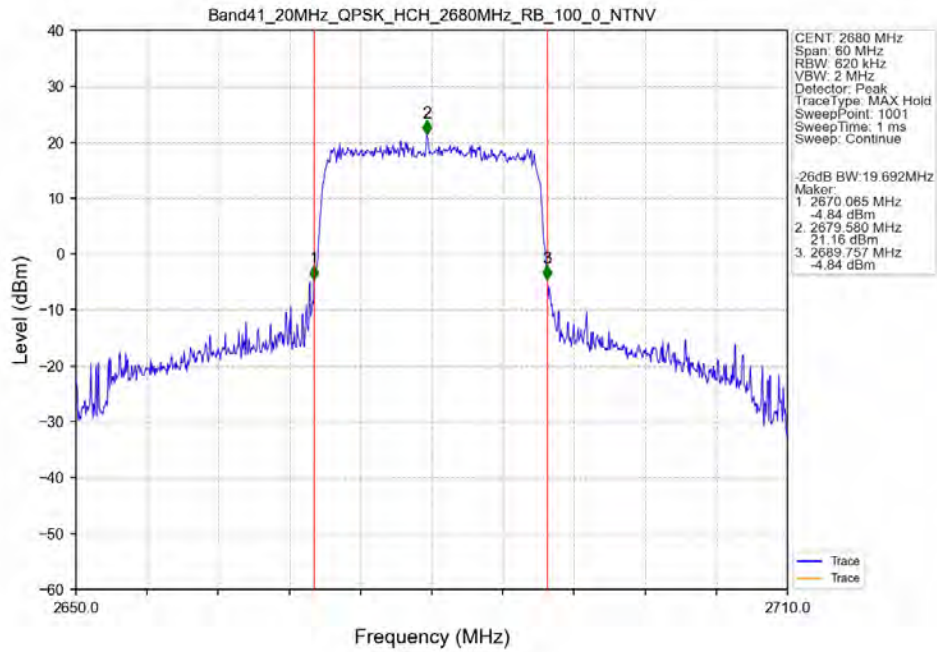
Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV



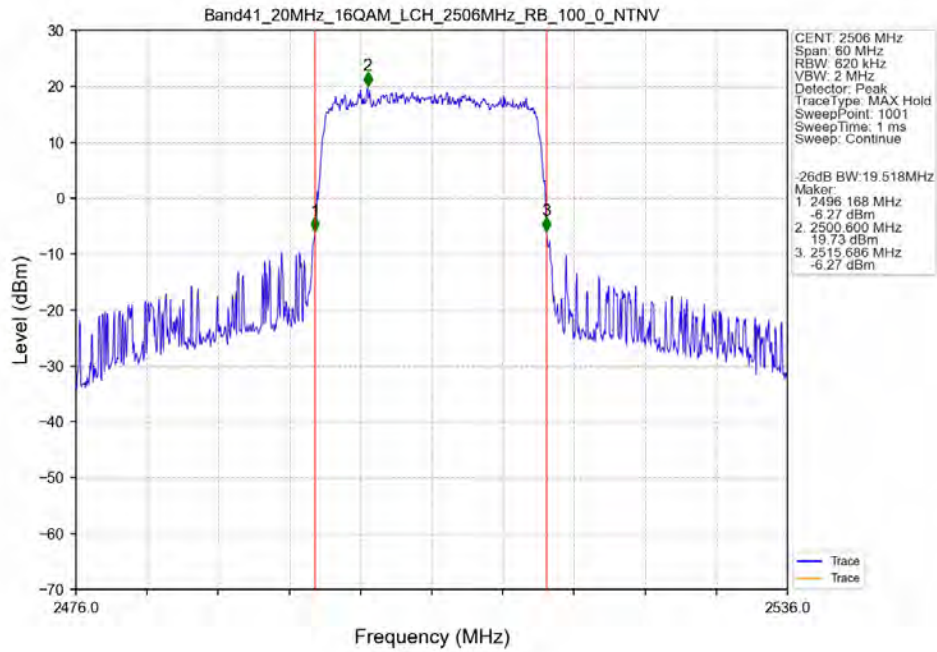
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



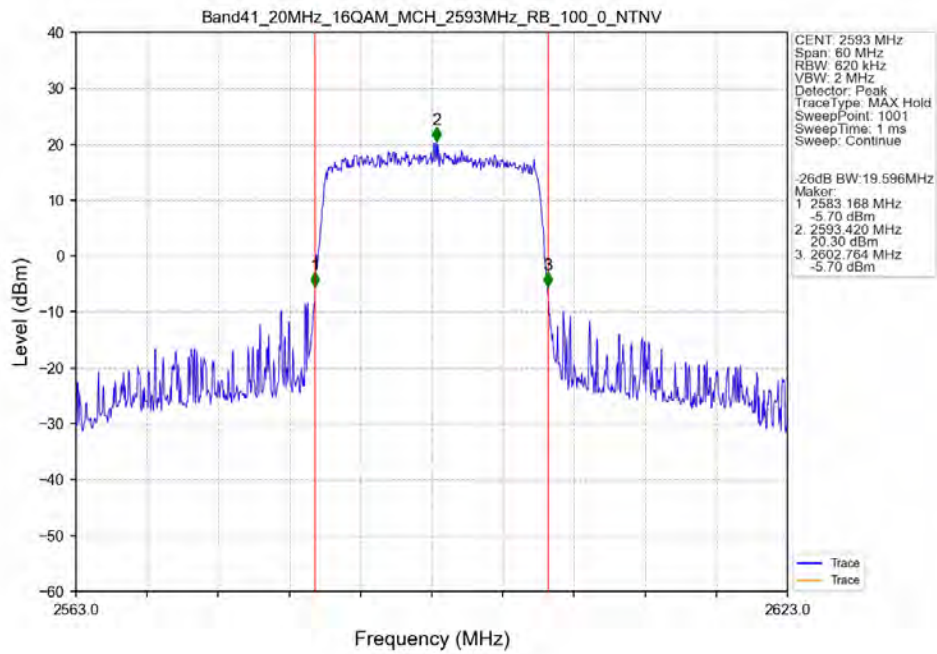
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



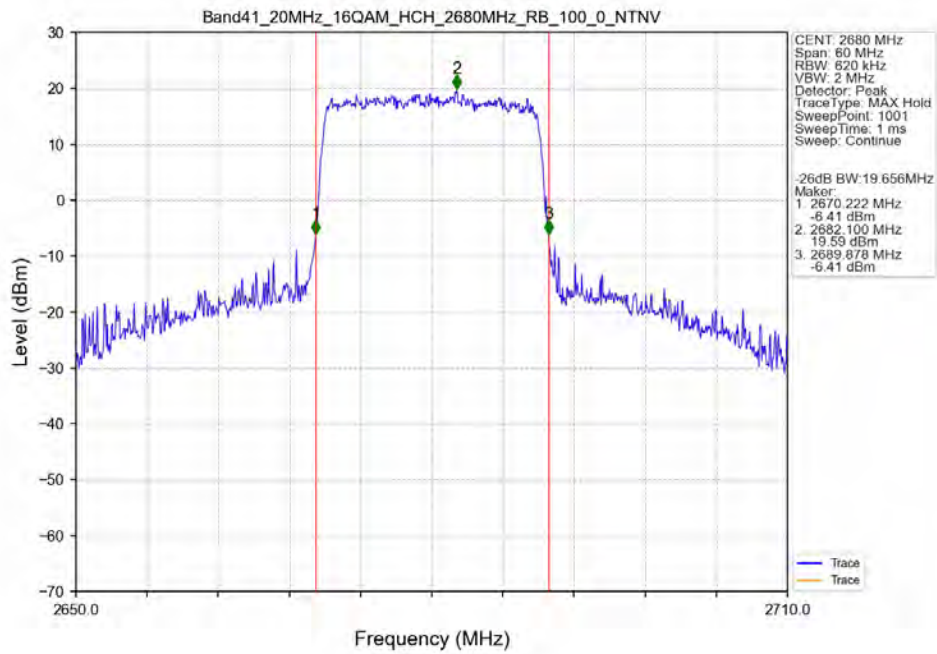
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTNV



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



Band41 20MHz 16QAM HCH 2680MHz RB 100 0 NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	6.61	<=13	Pass
	2593	25	0	6.44	<=13	Pass
	2687.5	25	0	6.33	<=13	Pass
16QAM	2498.5	25	0	7.43	<=13	Pass
	2593	25	0	7.23	<=13	Pass
	2687.5	25	0	7.11	<=13	Pass

4.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	6.59	<=13	Pass
	2593	50	0	6.52	<=13	Pass
	2685	50	0	6.40	<=13	Pass
16QAM	2501	50	0	7.44	<=13	Pass
	2593	50	0	7.37	<=13	Pass
	2685	50	0	7.15	<=13	Pass

4.1.3 B41_15MHz

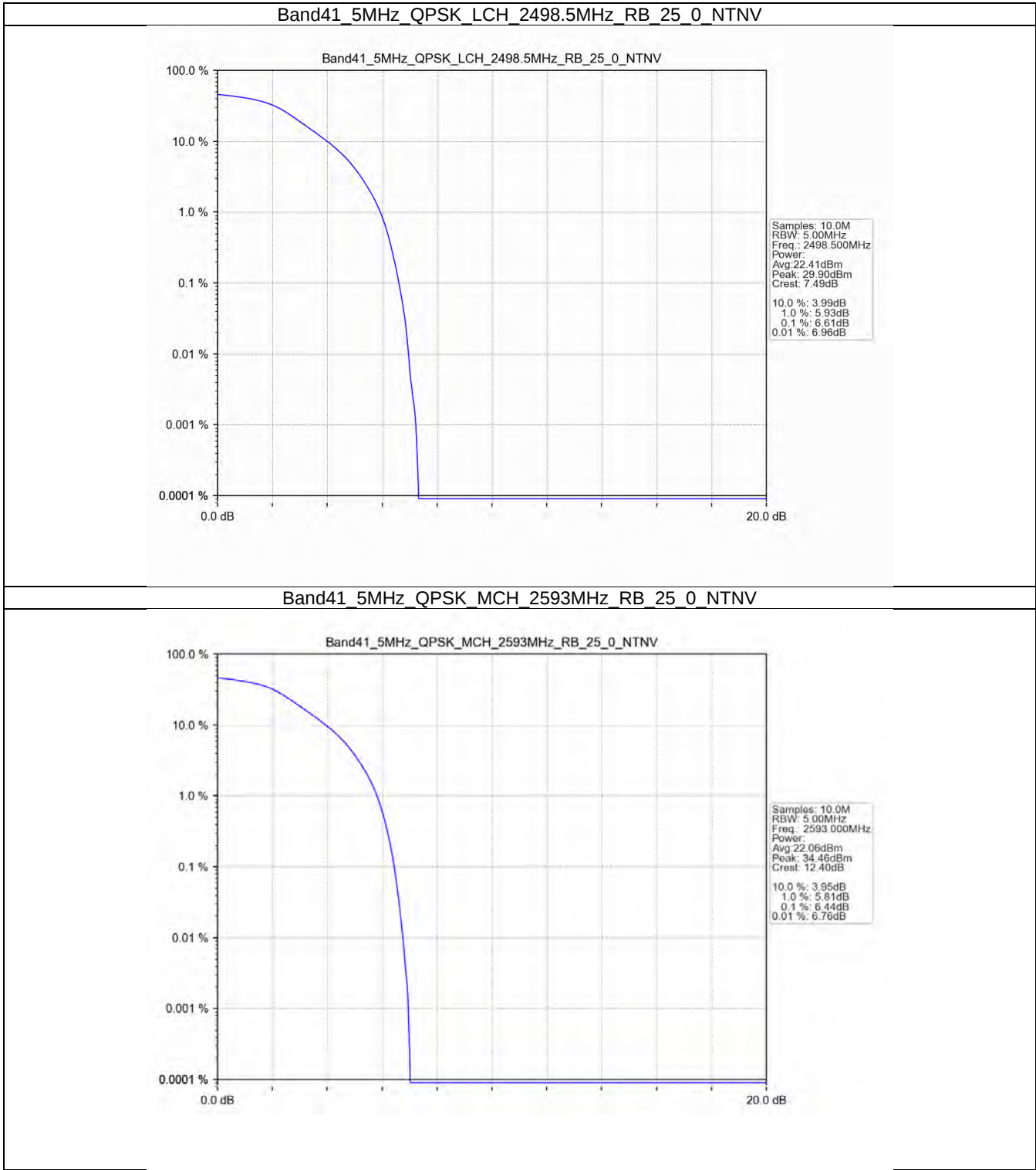
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	6.63	<=13	Pass
	2593	75	0	6.59	<=13	Pass
	2682.5	75	0	6.44	<=13	Pass
16QAM	2503.5	75	0	7.39	<=13	Pass
	2593	75	0	7.26	<=13	Pass
	2682.5	75	0	7.12	<=13	Pass

4.1.4 B41_20MHz

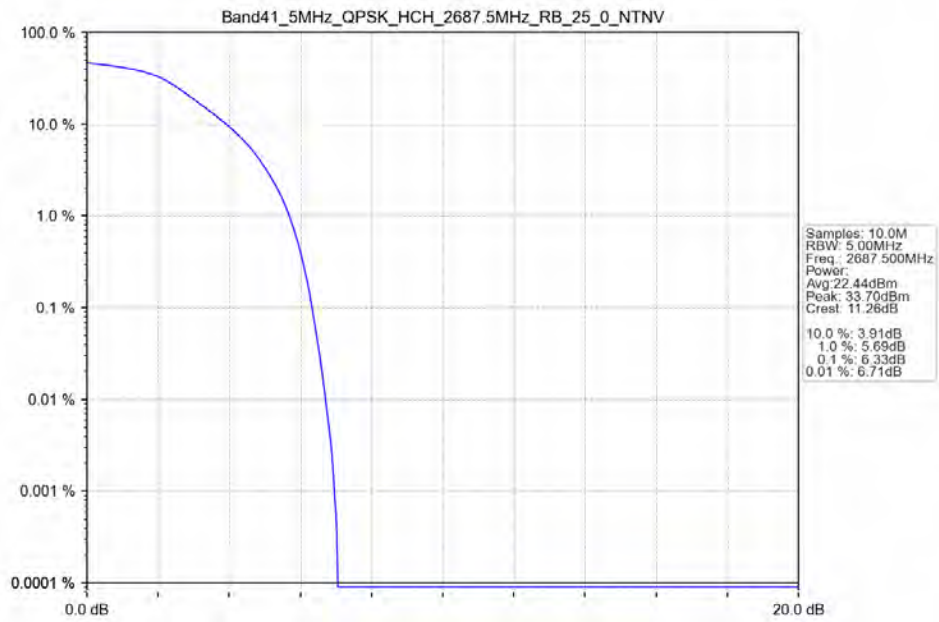
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	6.51	<=13	Pass
	2593	100	0	6.41	<=13	Pass
	2680	100	0	6.28	<=13	Pass
16QAM	2506	100	0	6.89	<=13	Pass
	2593	100	0	7.00	<=13	Pass
	2680	100	0	6.81	<=13	Pass

4.2 Test Graph

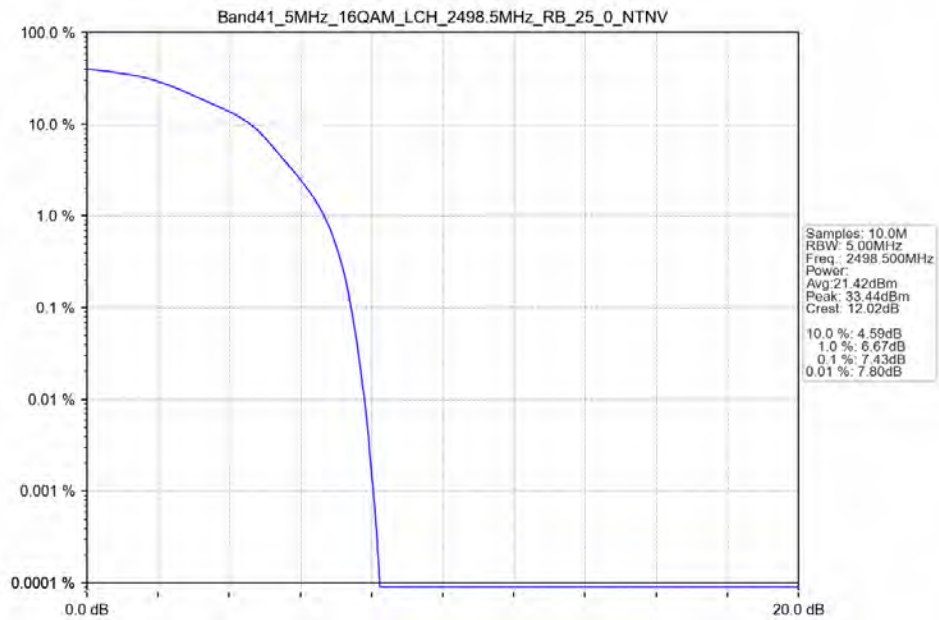
4.2.1 B41_5MHz



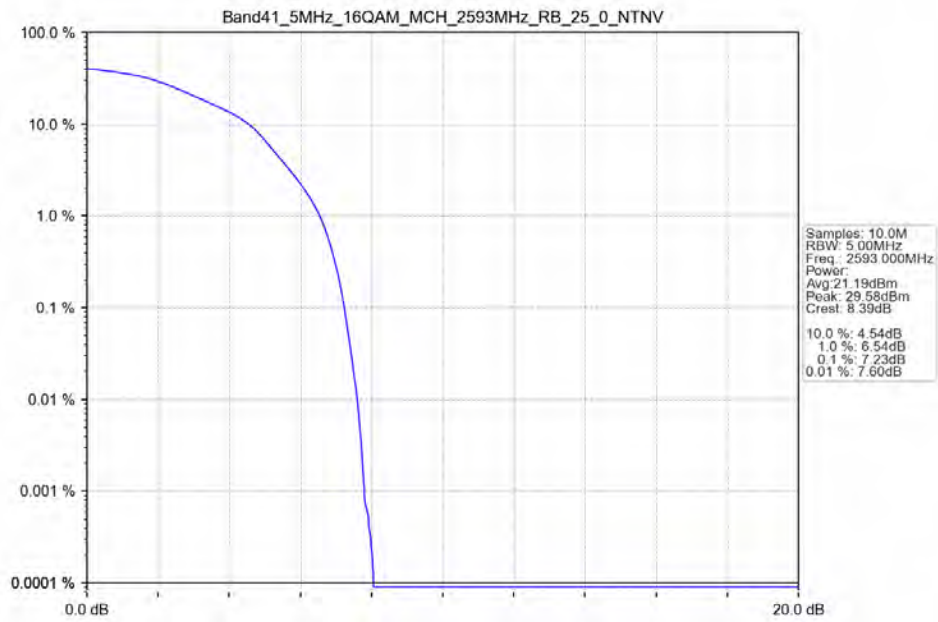
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



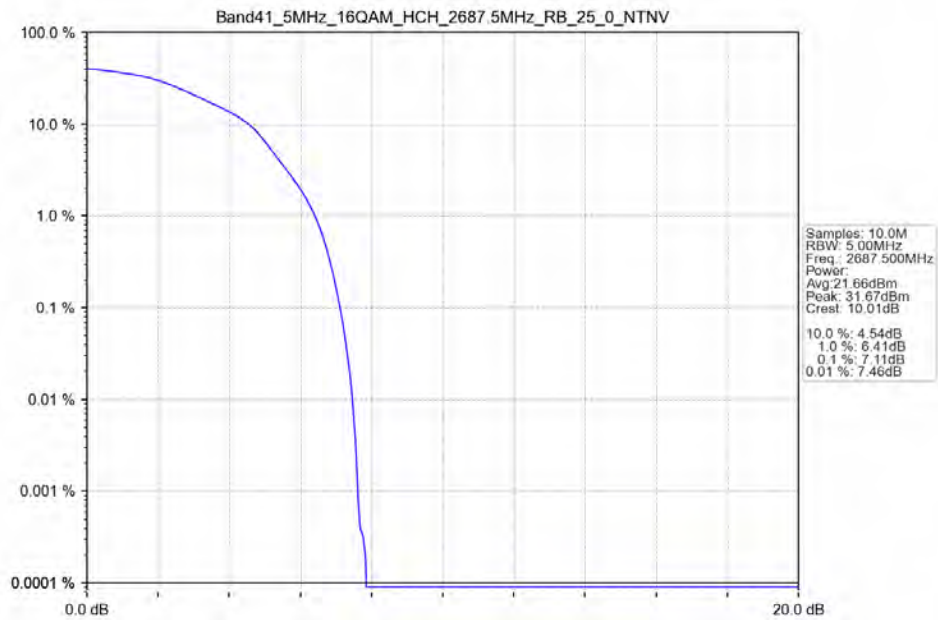
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV



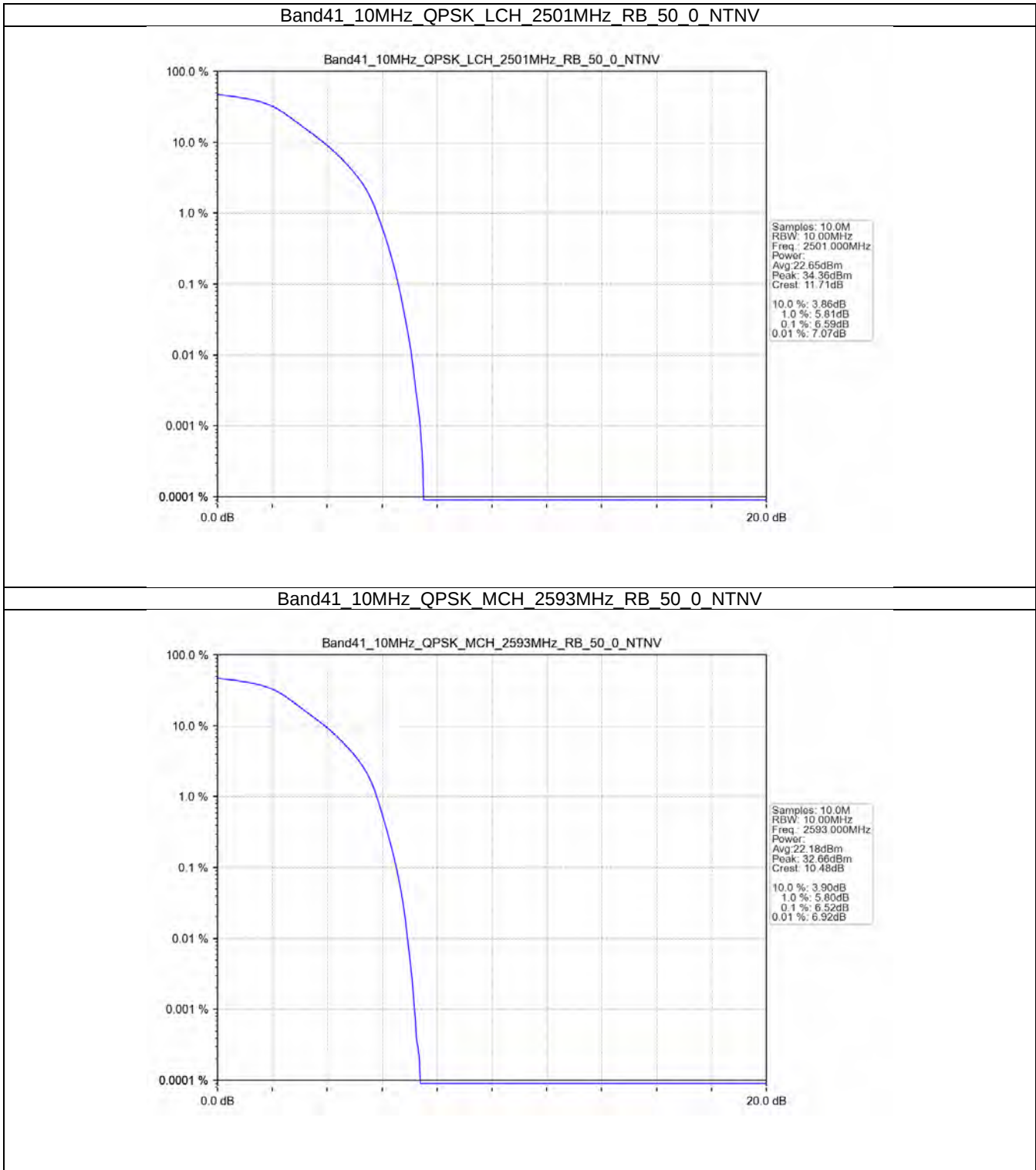
Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTNV



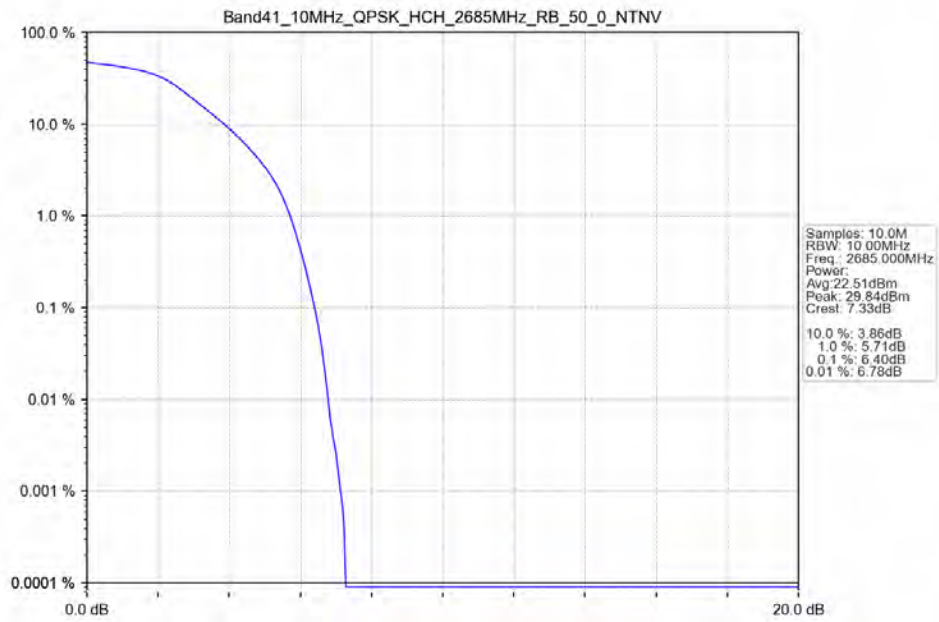
Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV



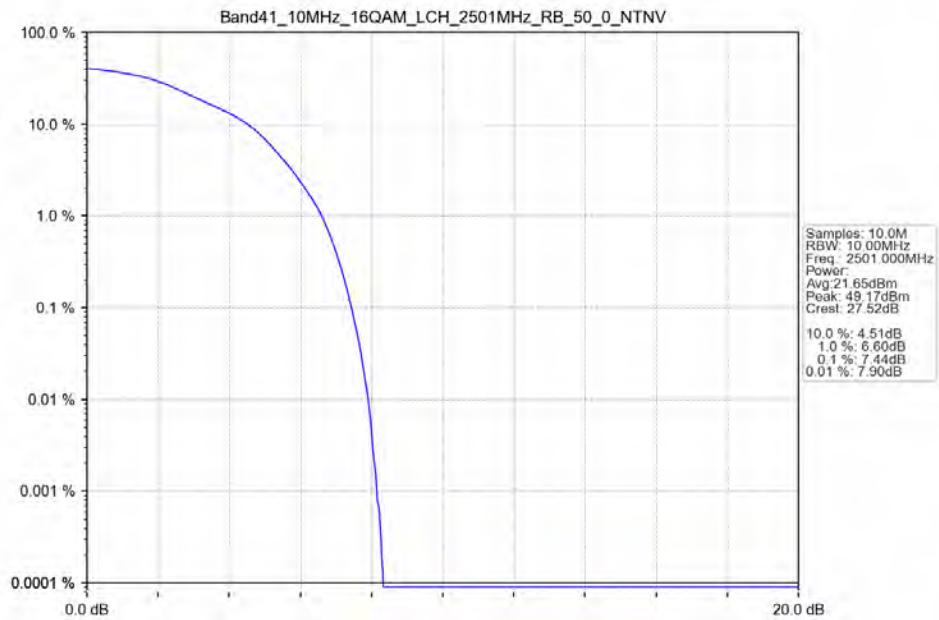
4.2.2 B41_10MHz



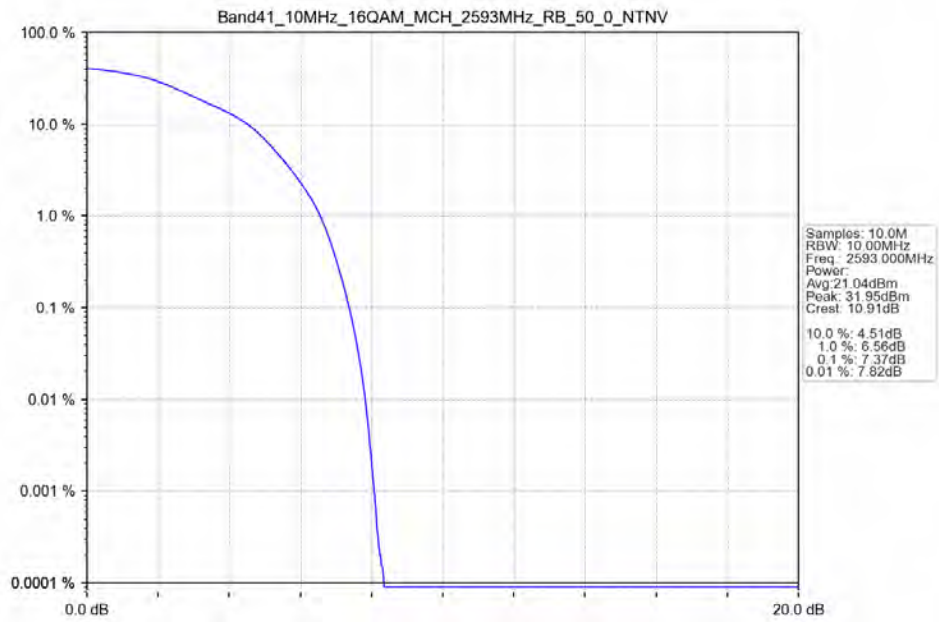
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV



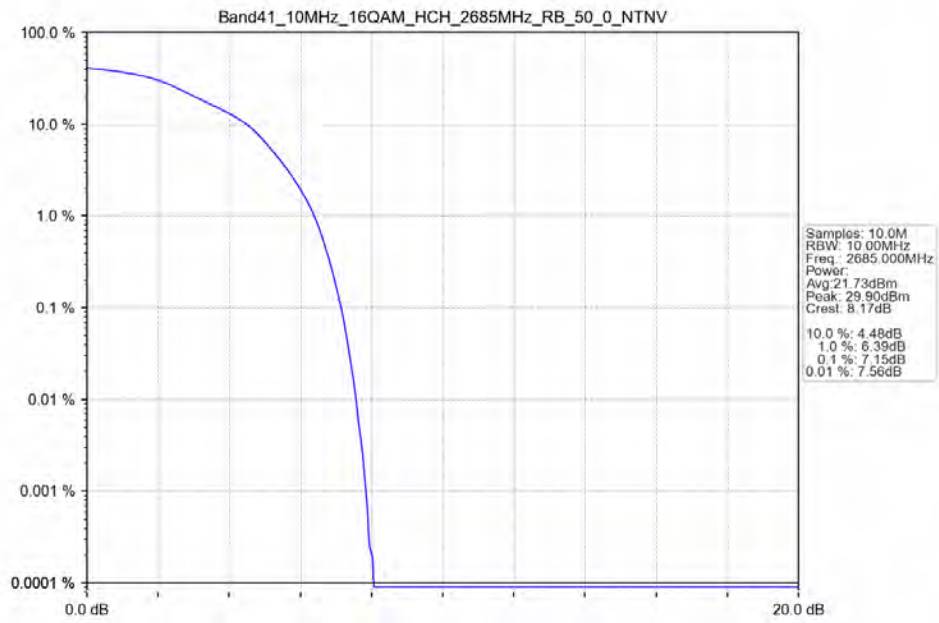
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTV



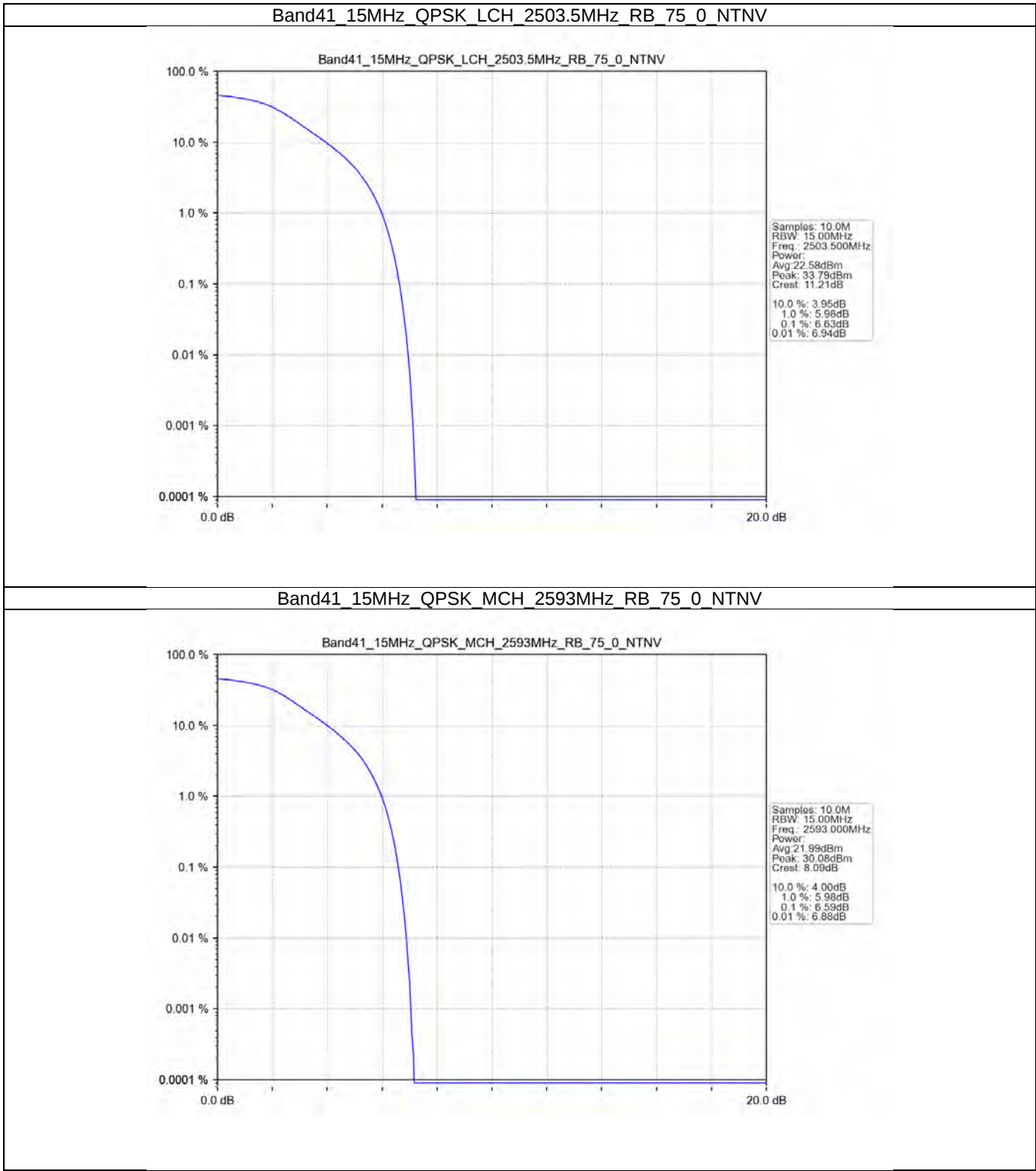
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTV



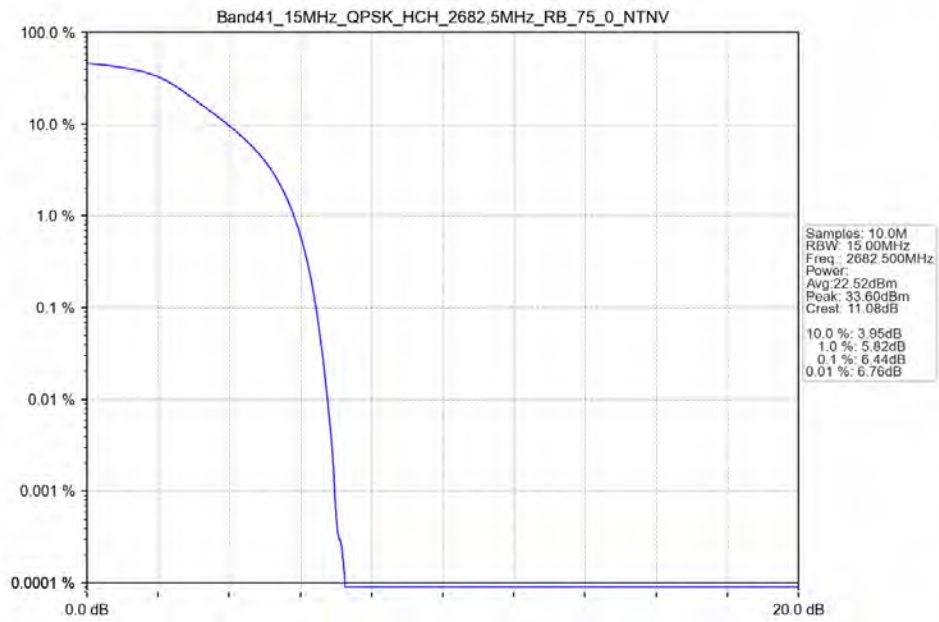
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTV



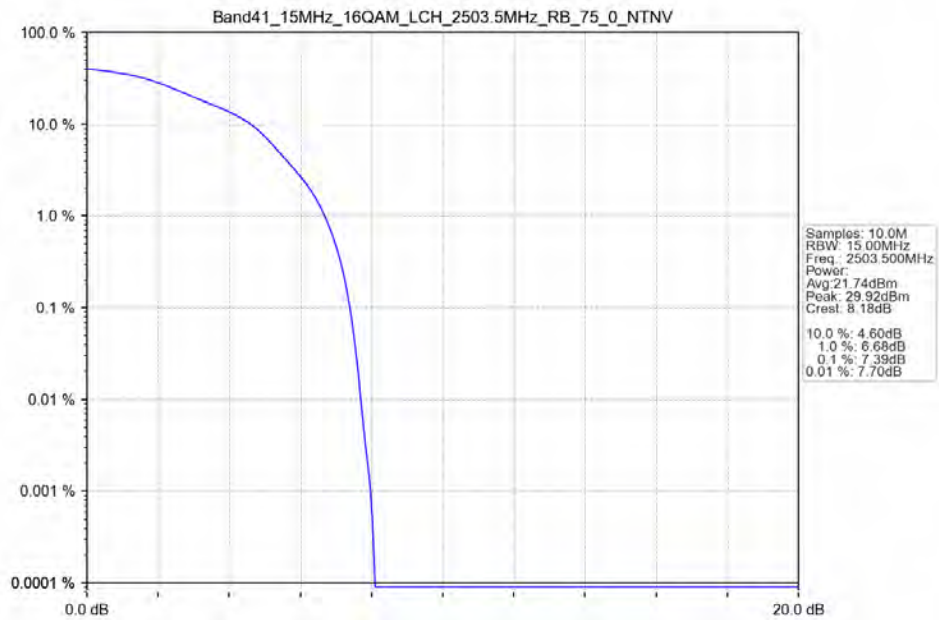
4.2.3 B41_15MHz



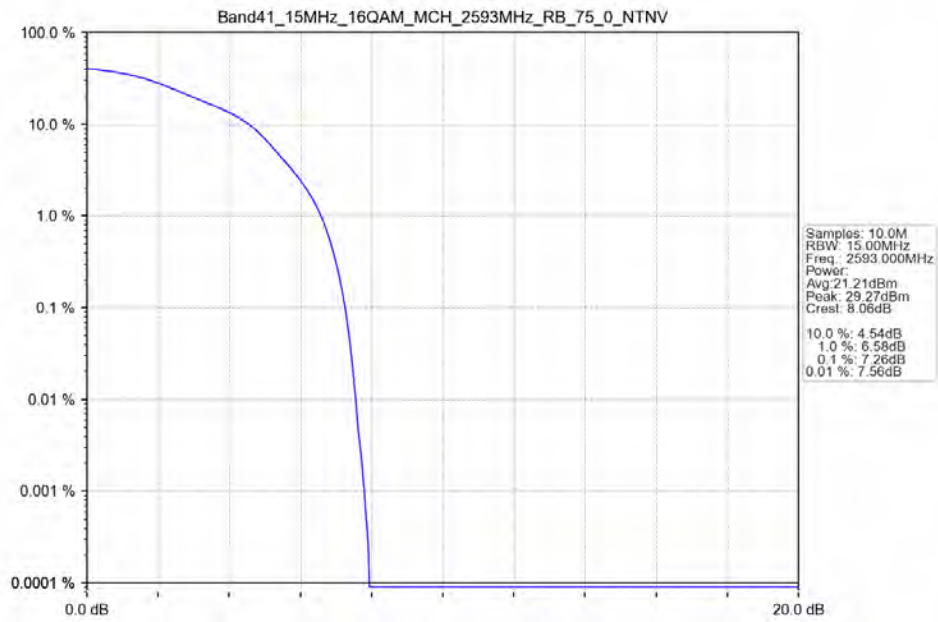
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTV



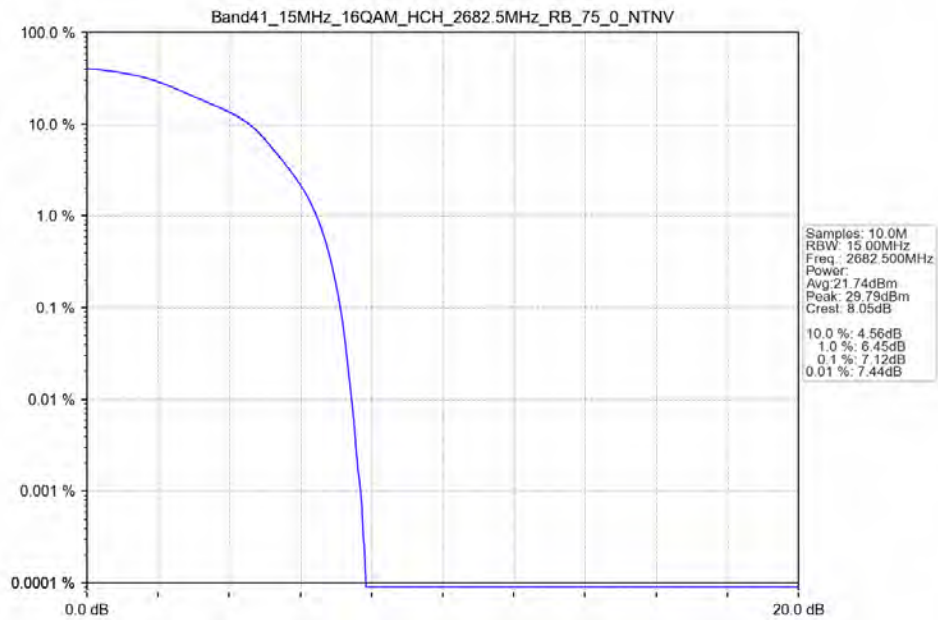
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTV



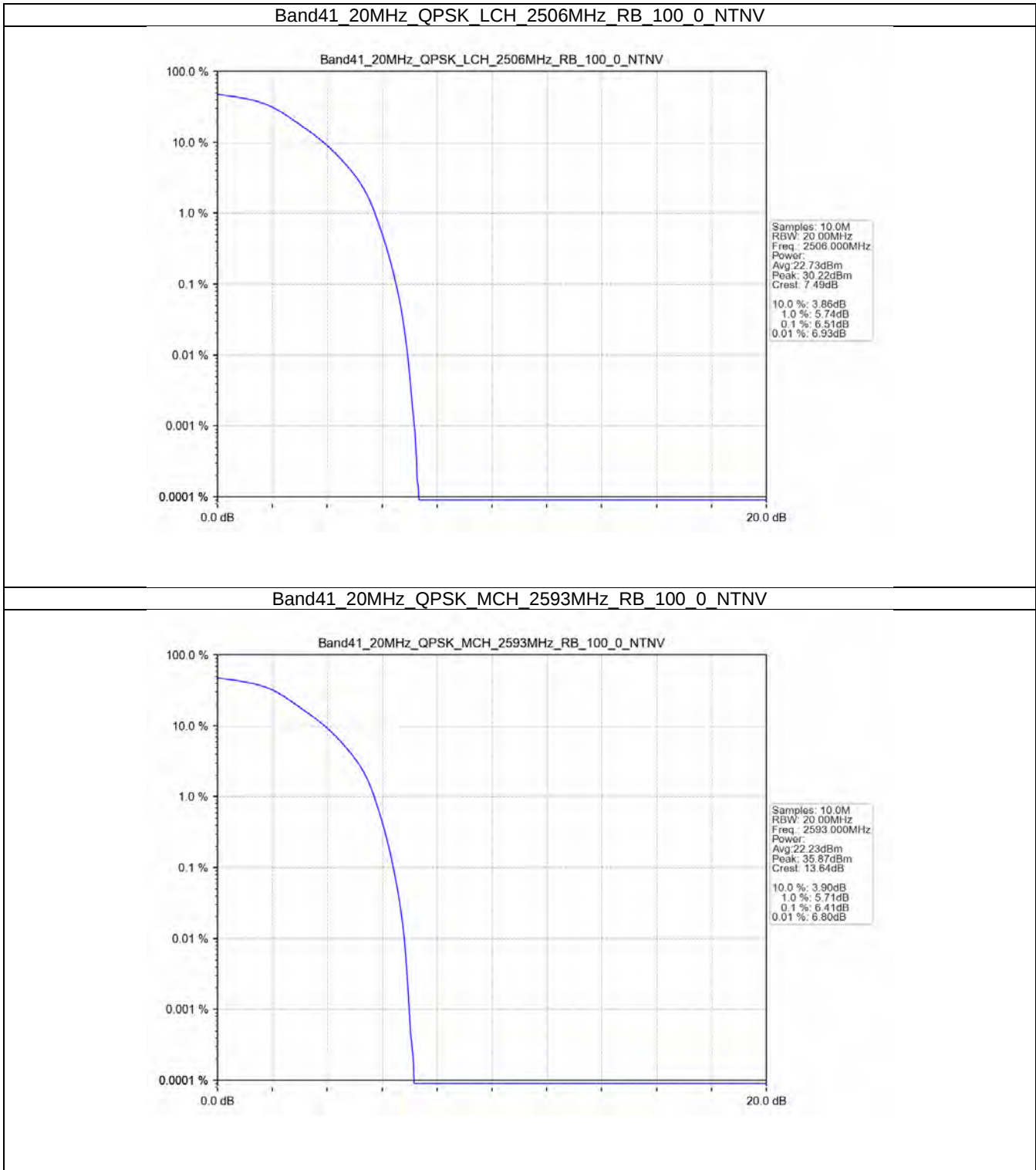
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTV



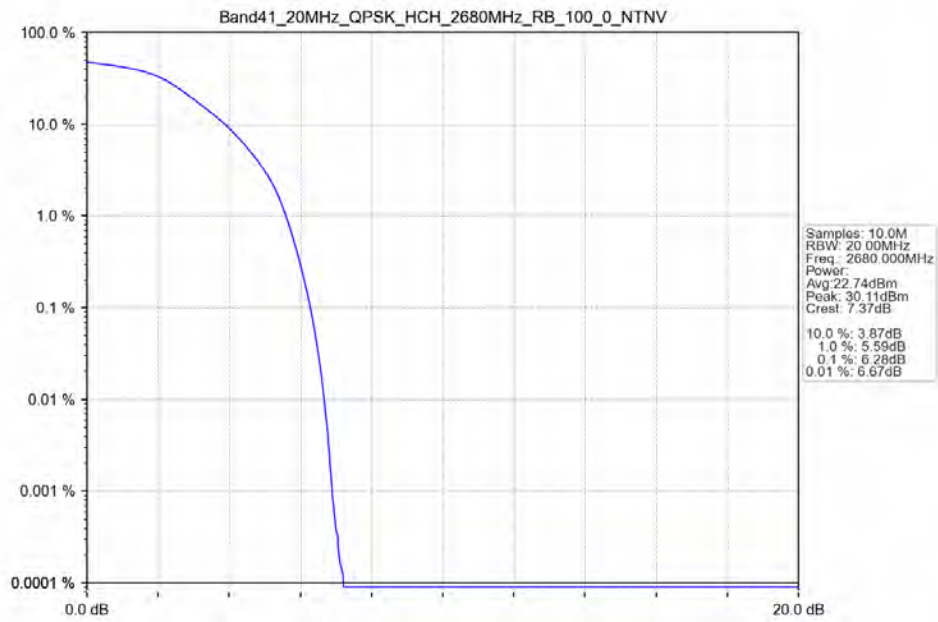
Band41 15MHz 16QAM HCH 2682.5MHz RB 75 0 NTV



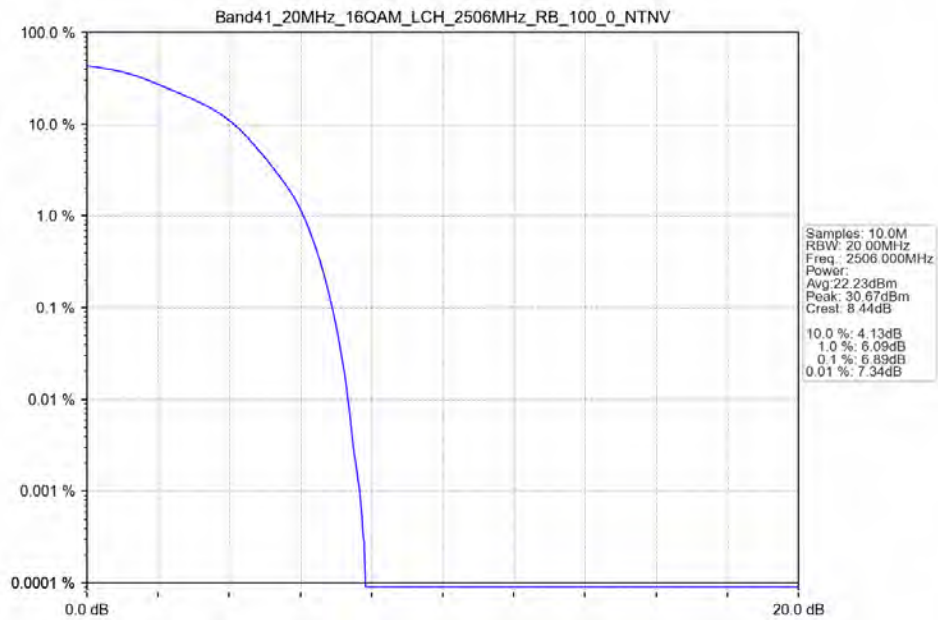
4.2.4 B41_20MHz



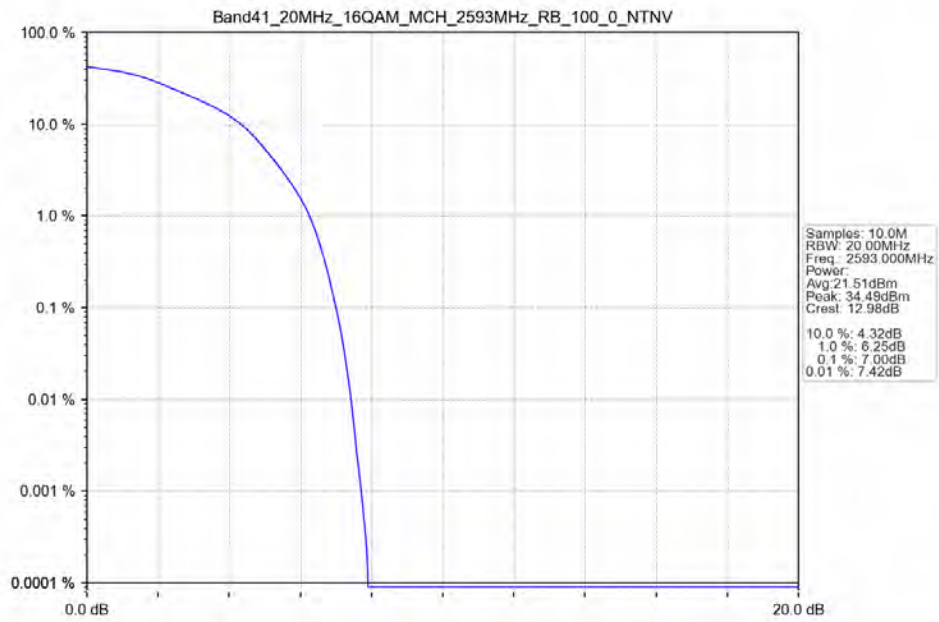
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTV



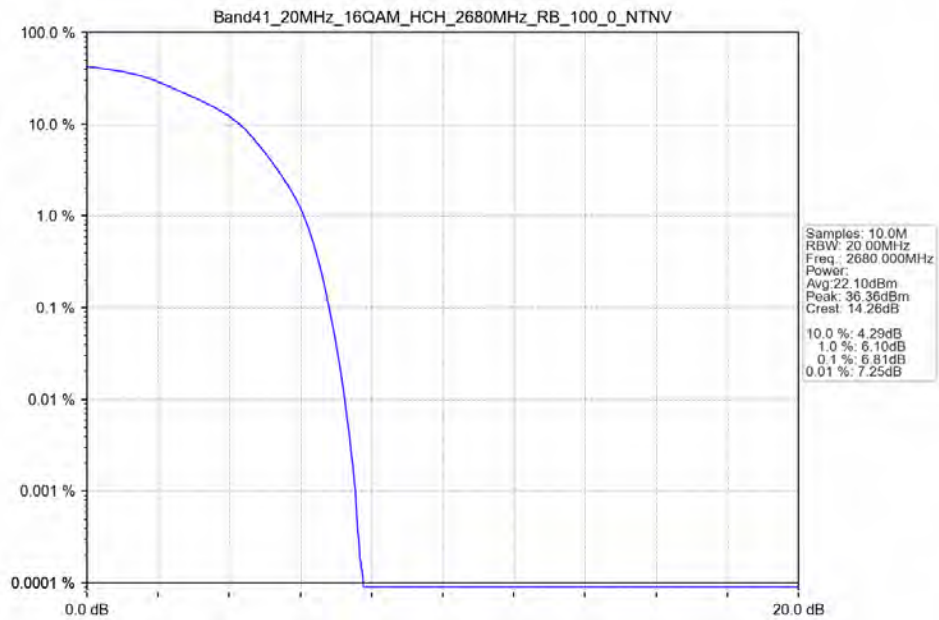
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTV



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



Band41 20MHz 16QAM HCH 2680MHz RB 100 0 NTV



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

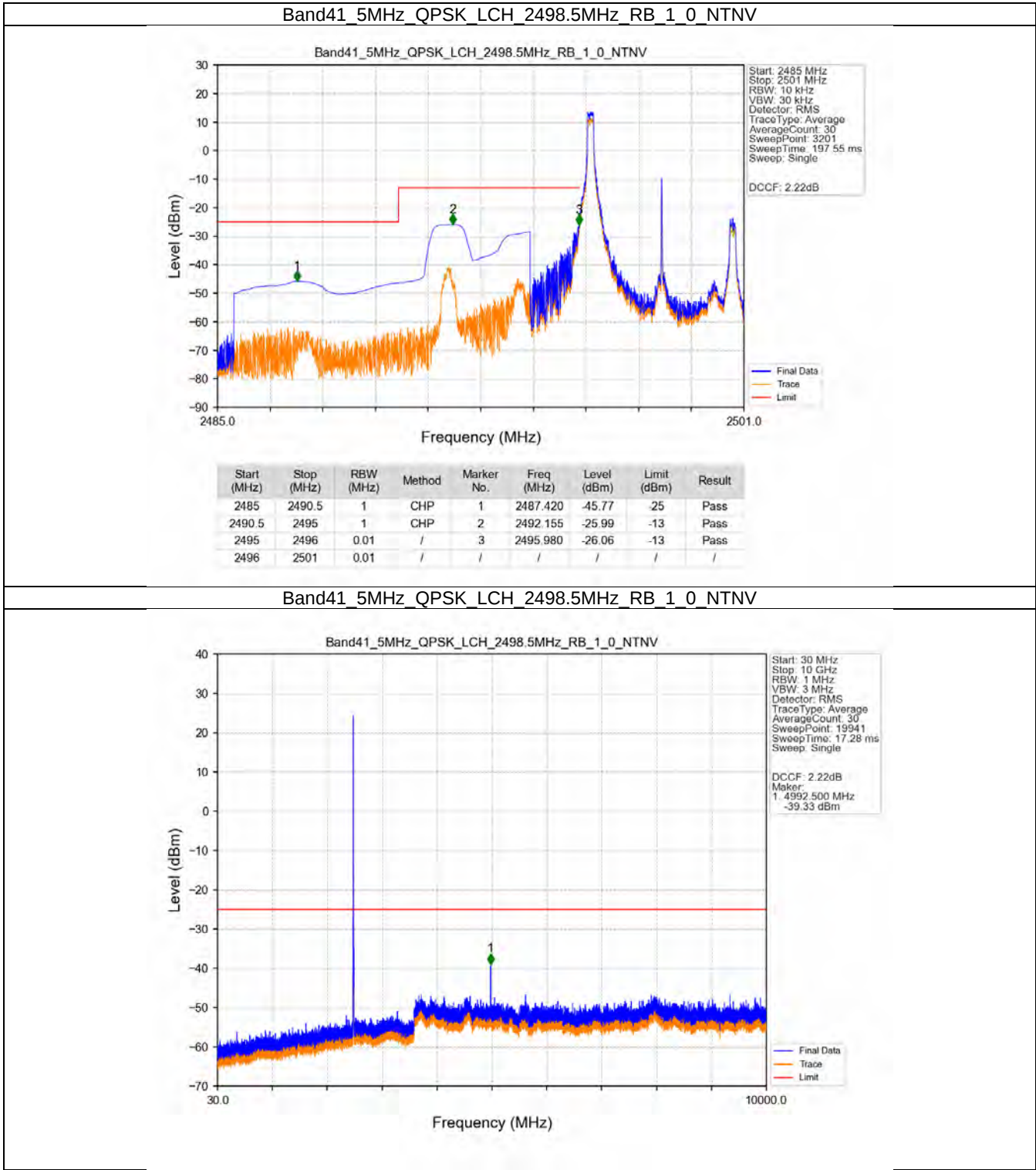
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B41_20MHz

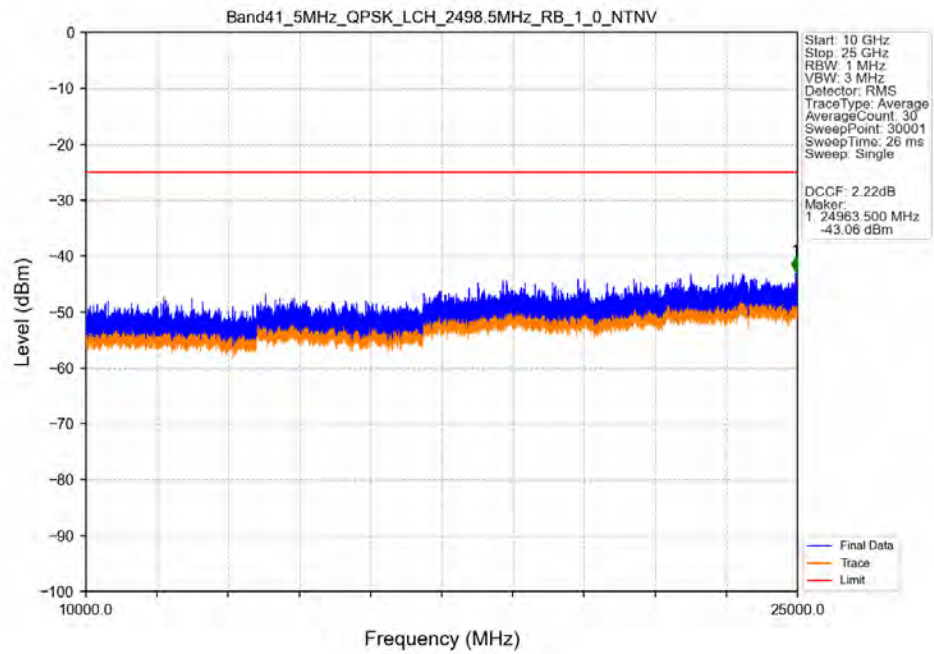
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

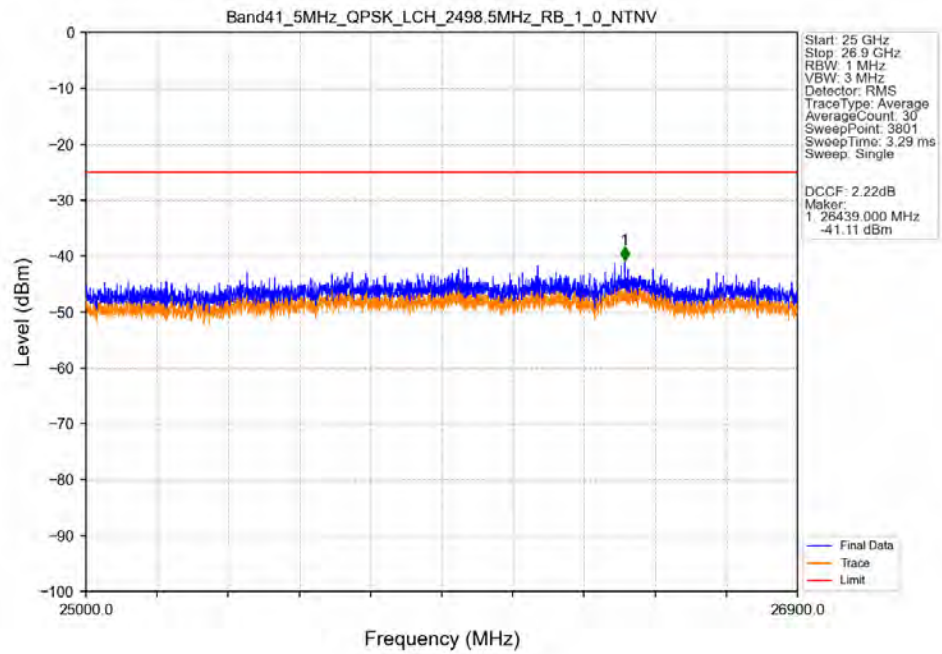
5.2.1 B41_5MHz



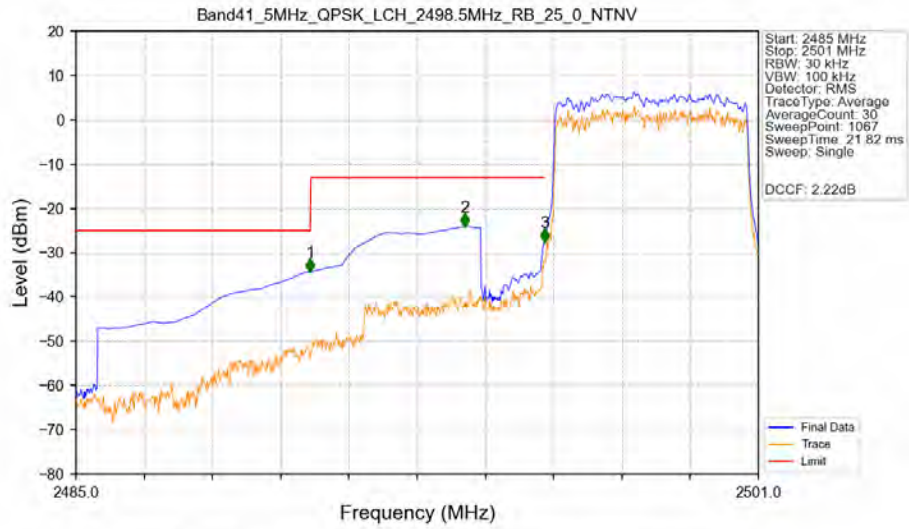
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV



Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV

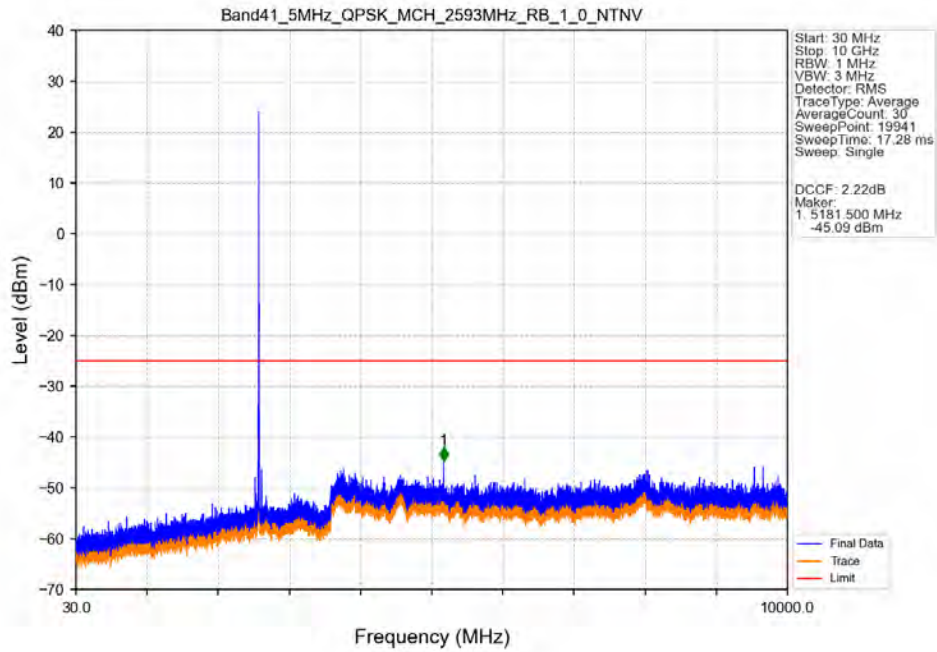


Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTNV

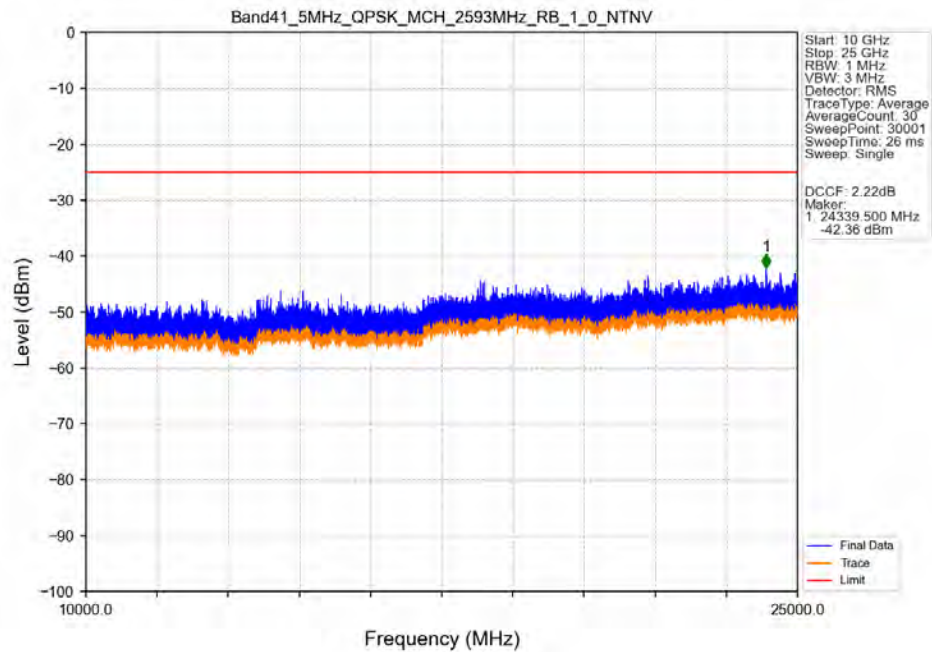


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-34.35	-25	Pass
2490.5	2495	1	CHP	2	2494.111	-24.16	-13	Pass
2495	2496	0.05	CHP	3	2495.987	-27.65	-13	Pass
2496	2501	0.05	CHP	/	/	/	/	/

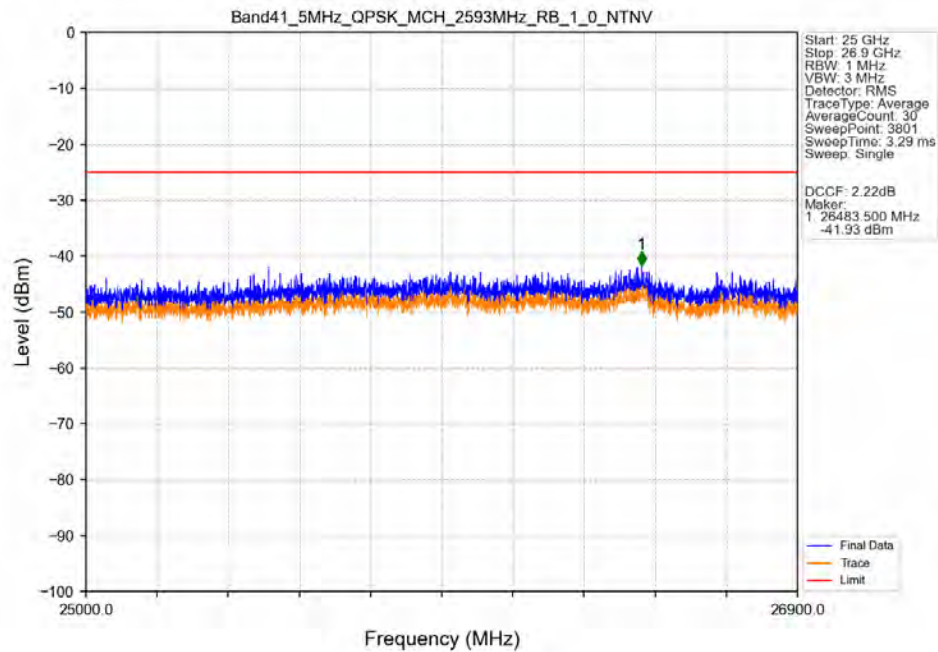
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTNV



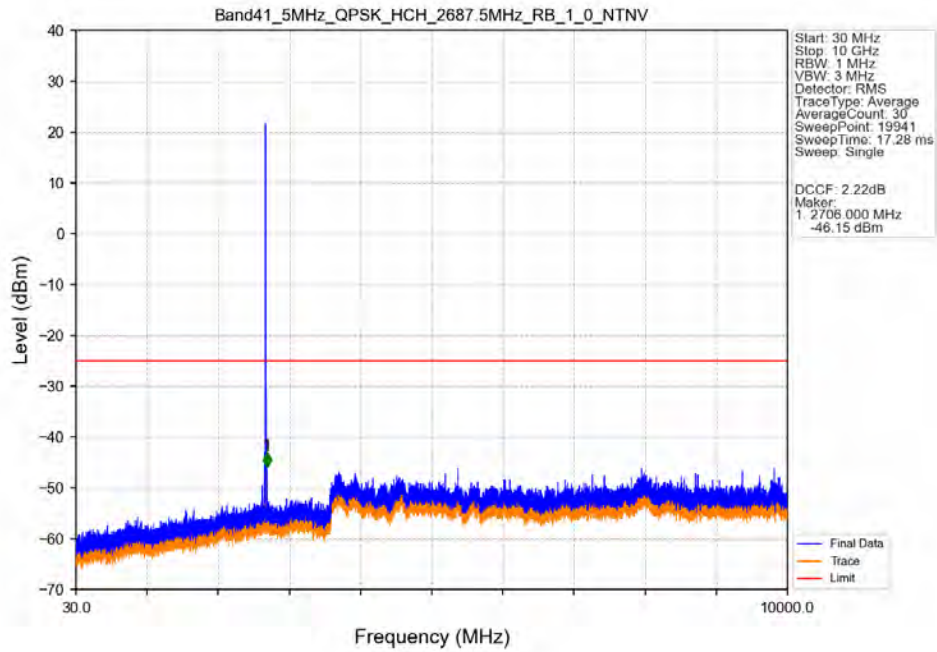
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



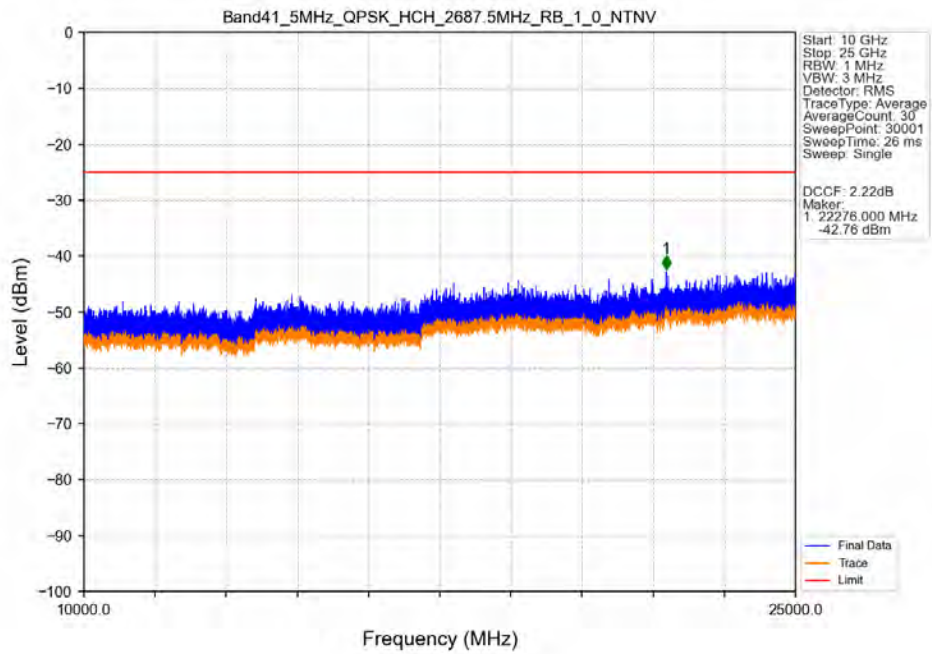
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



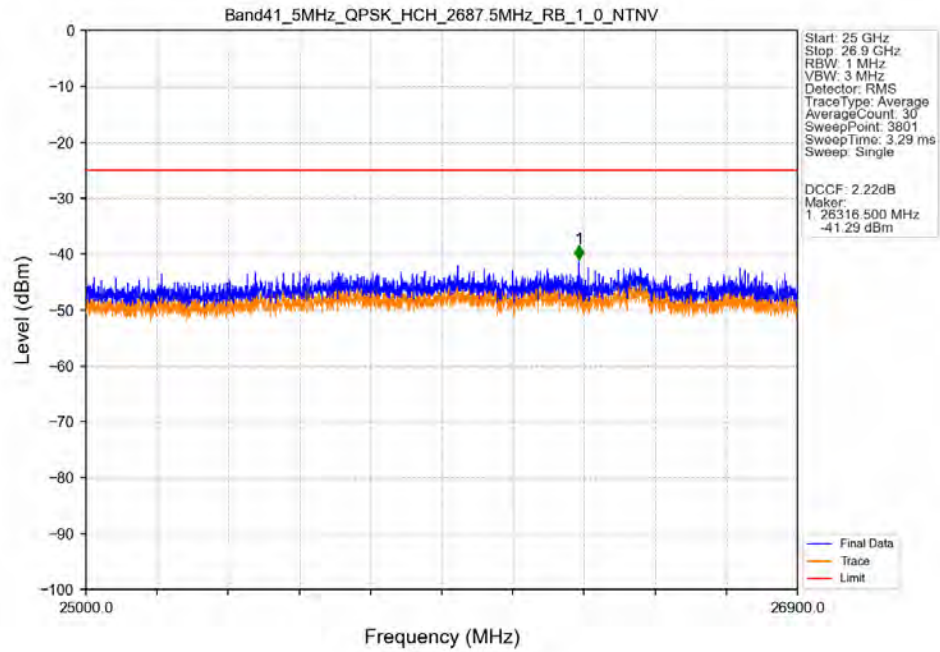
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



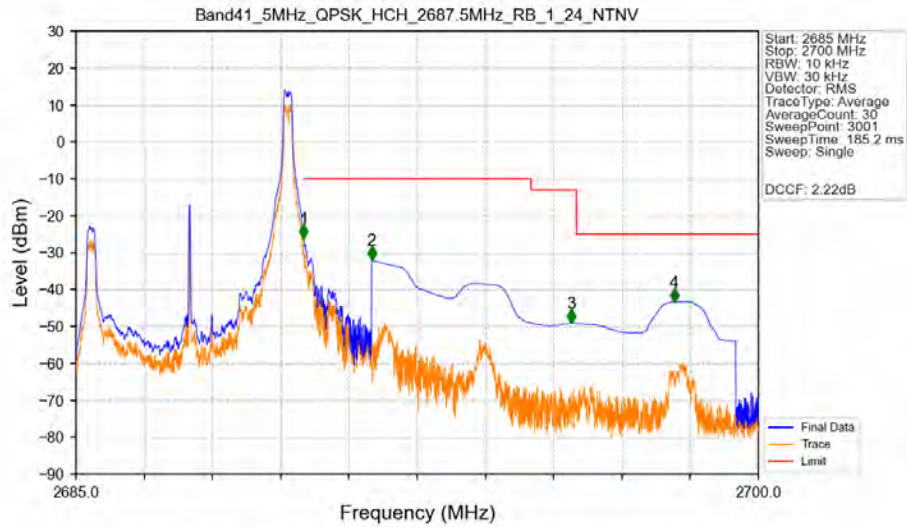
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTNV

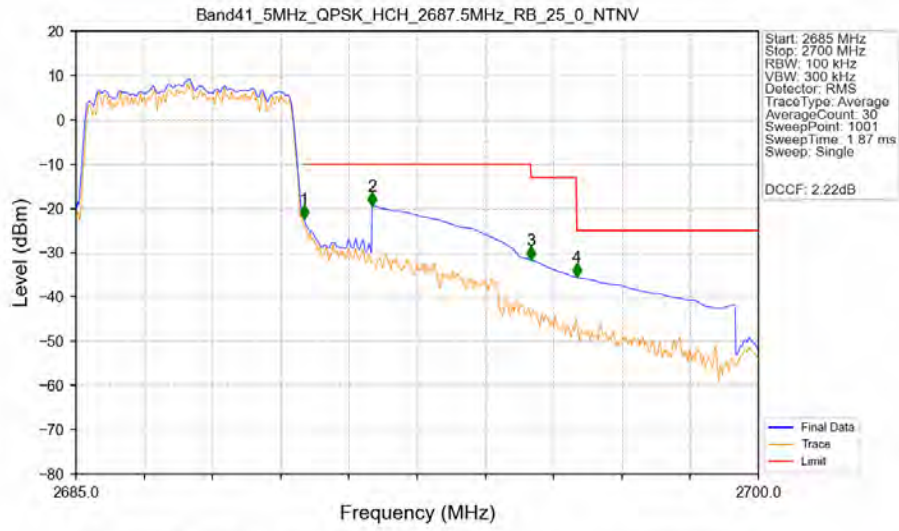


Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTNV



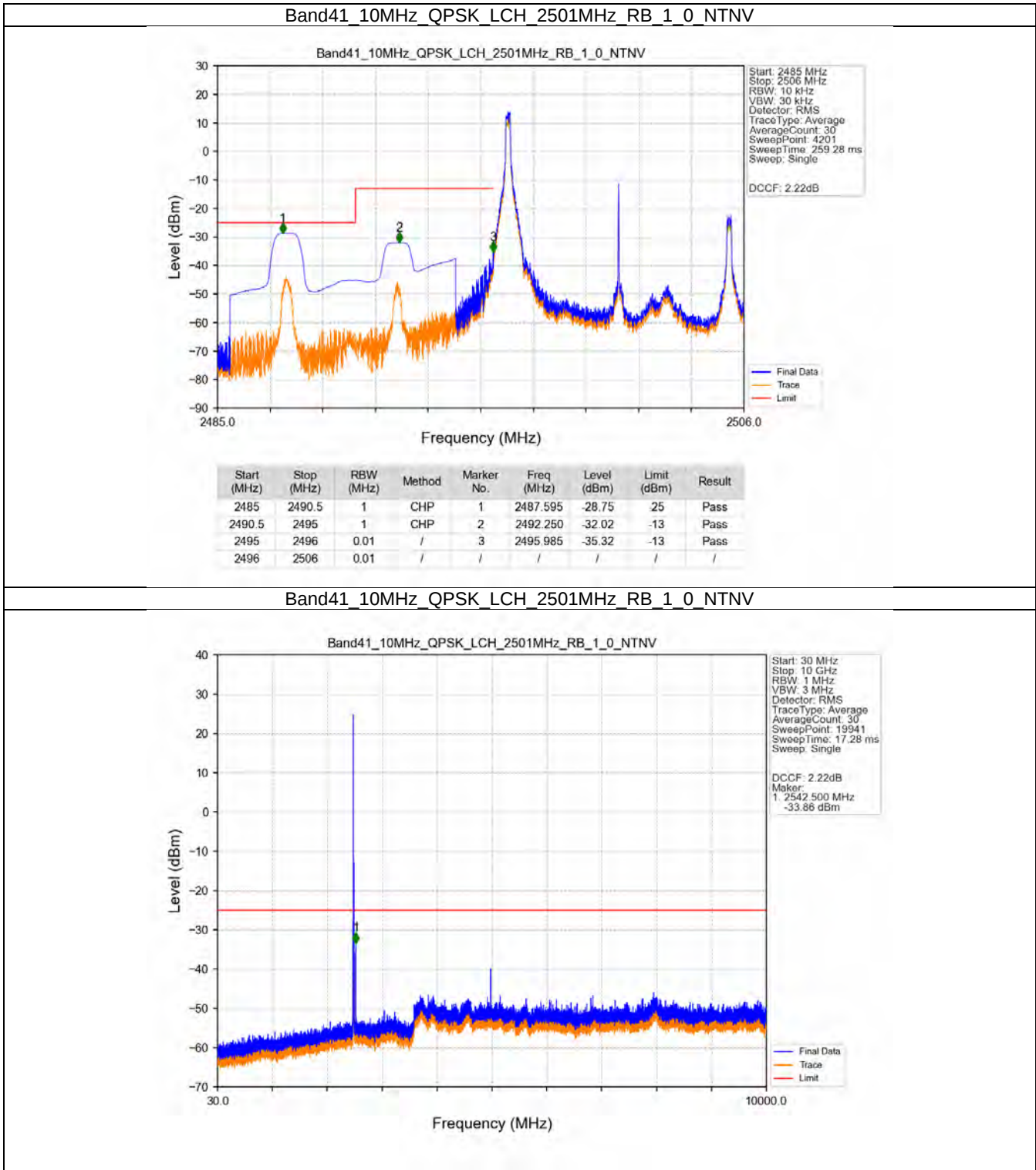
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-26.11	-10	Pass
2691	2695	1	CHP	2	2691.500	-32.06	-10	Pass
2695	2696	1	CHP	3	2695.885	-49.01	-13	Pass
2696	2700	1	CHP	4	2698.155	-43.34	-25	Pass

Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV

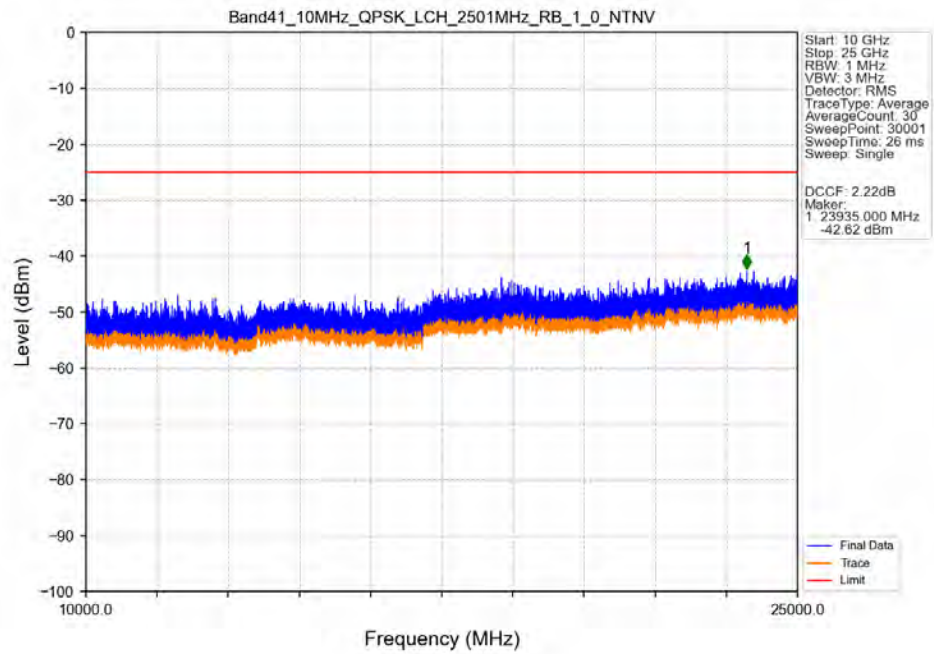


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.102	CHP	/	/	/	/	/
2690	2691	0.102	CHP	1	2690.010	-22.33	-10	Pass
2691	2695	1	CHP	2	2691.510	-19.43	-10	Pass
2695	2696	1	CHP	3	2695.005	-31.75	-13	Pass
2696	2700	1	CHP	4	2696.010	-35.58	-25	Pass

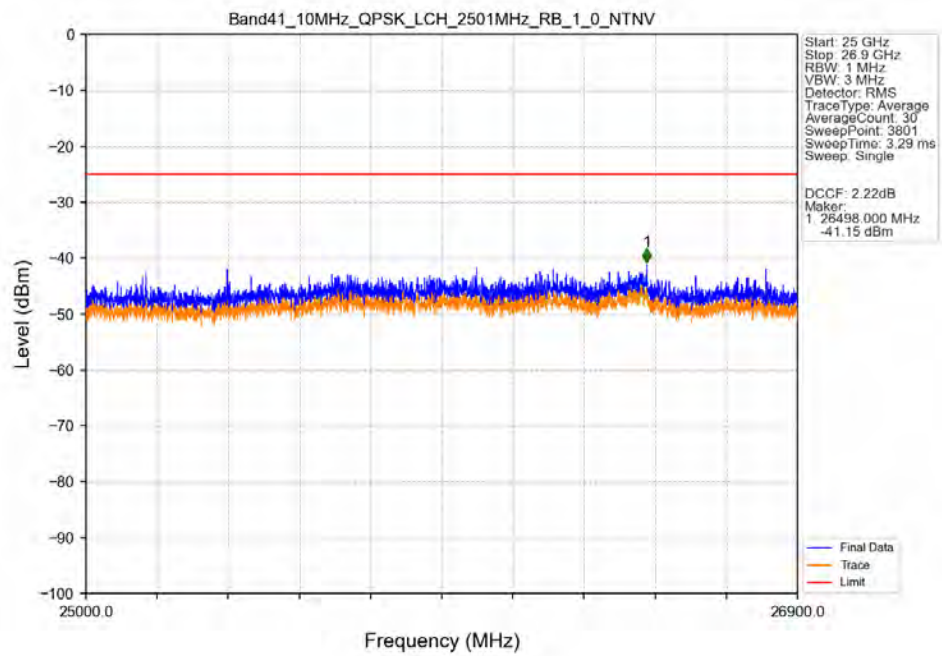
5.2.2 B41_10MHz



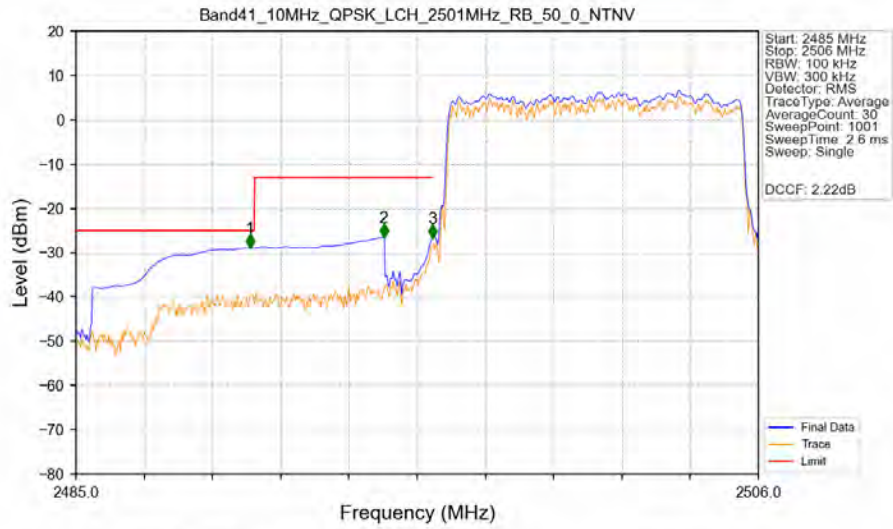
Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTNV



Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTNV

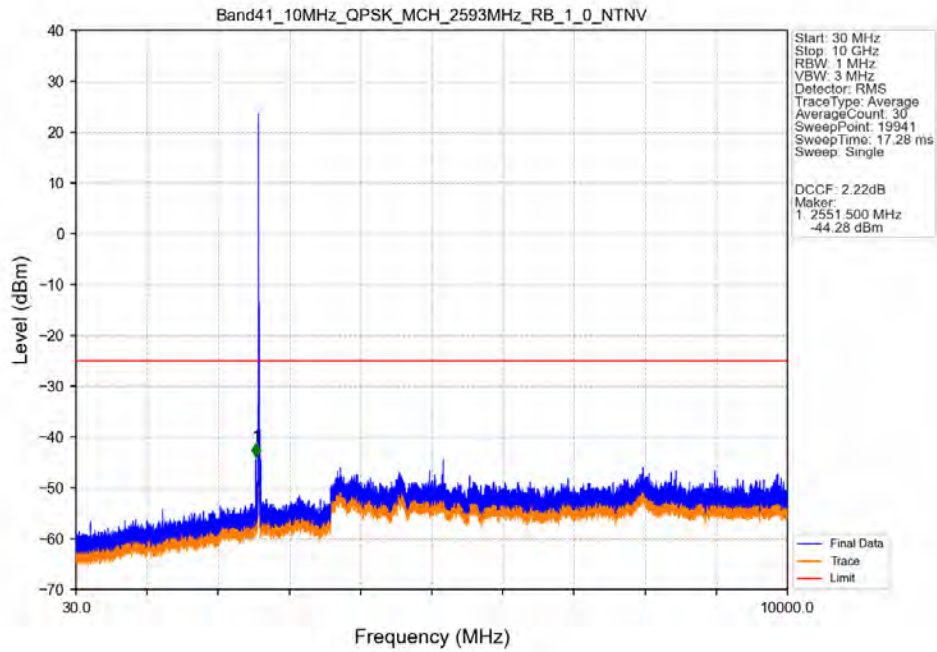


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

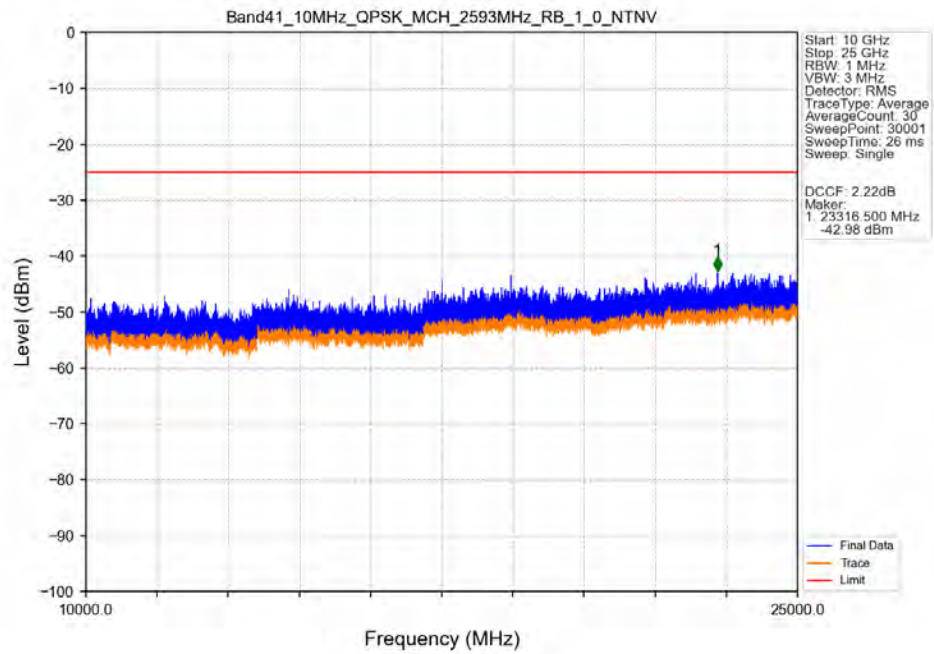


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.355	-28.97	-25	Pass
2490.5	2495	1	CHP	2	2494.471	-26.54	-13	Pass
2495	2496	0.106	CHP	3	2495.962	-26.73	-13	Pass
2496	2506	0.106	CHP	/	/	/	/	/

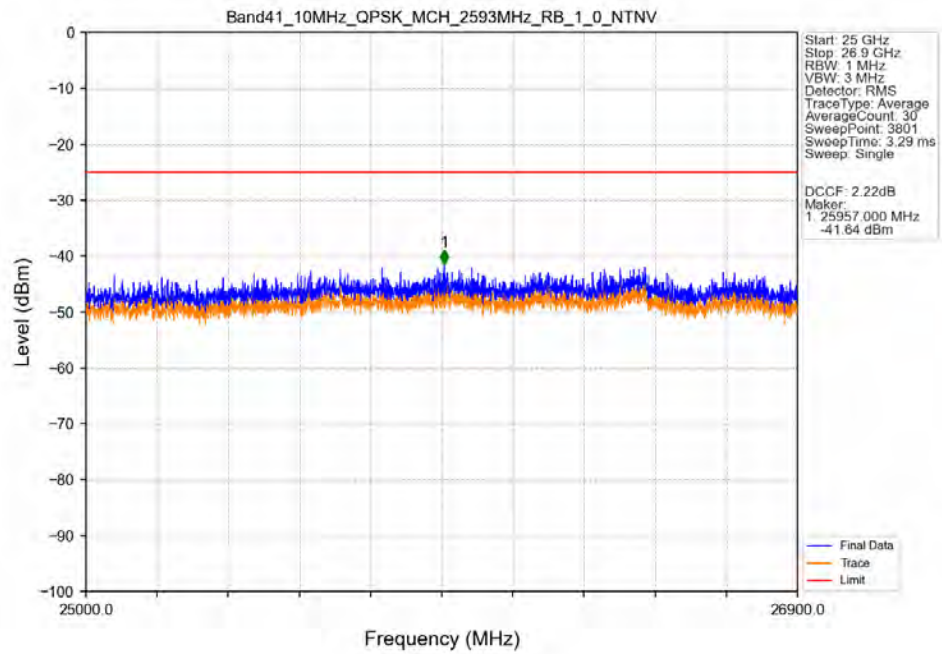
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



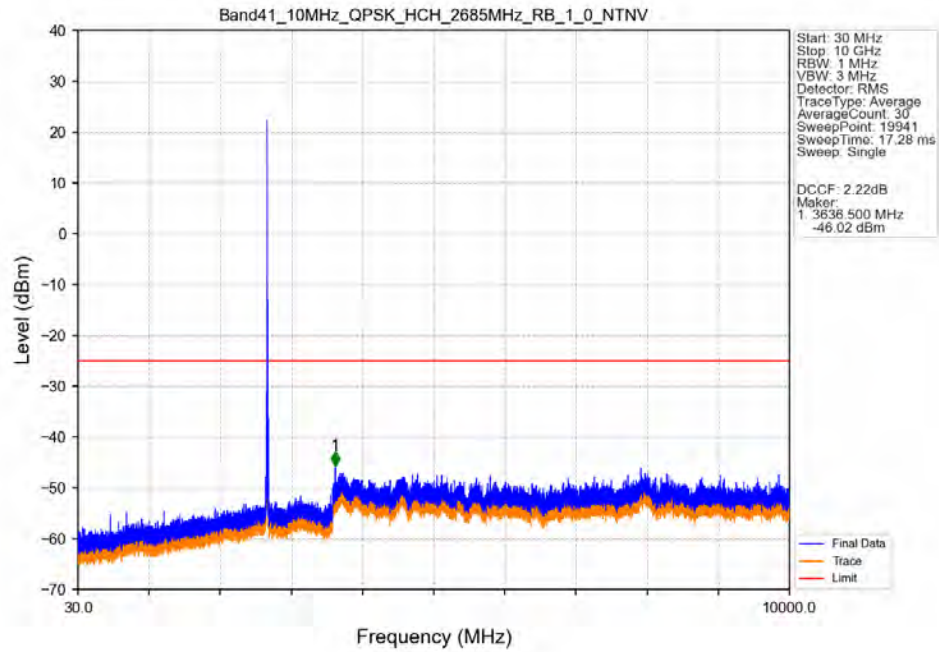
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



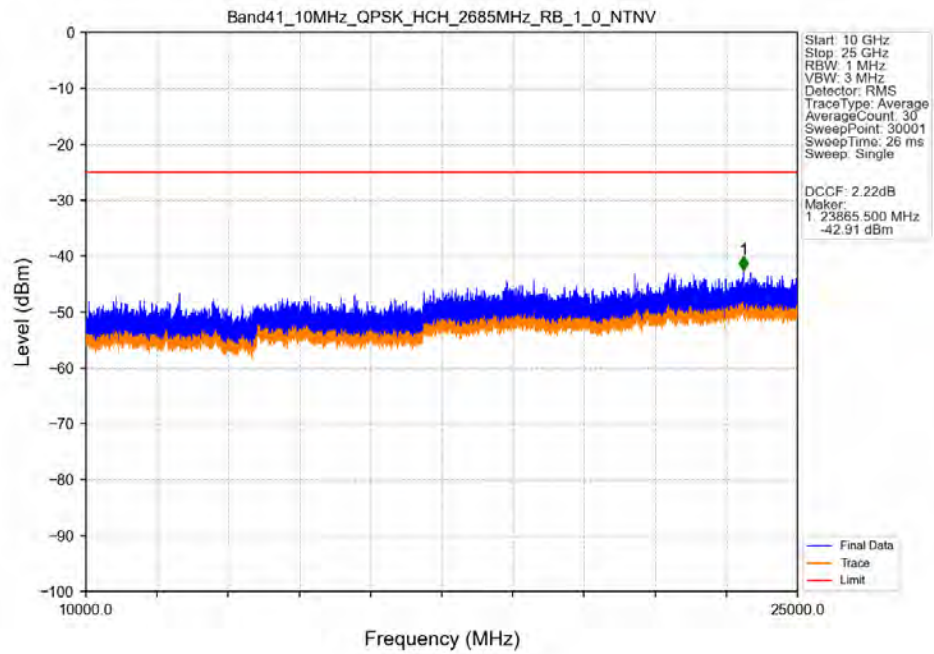
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



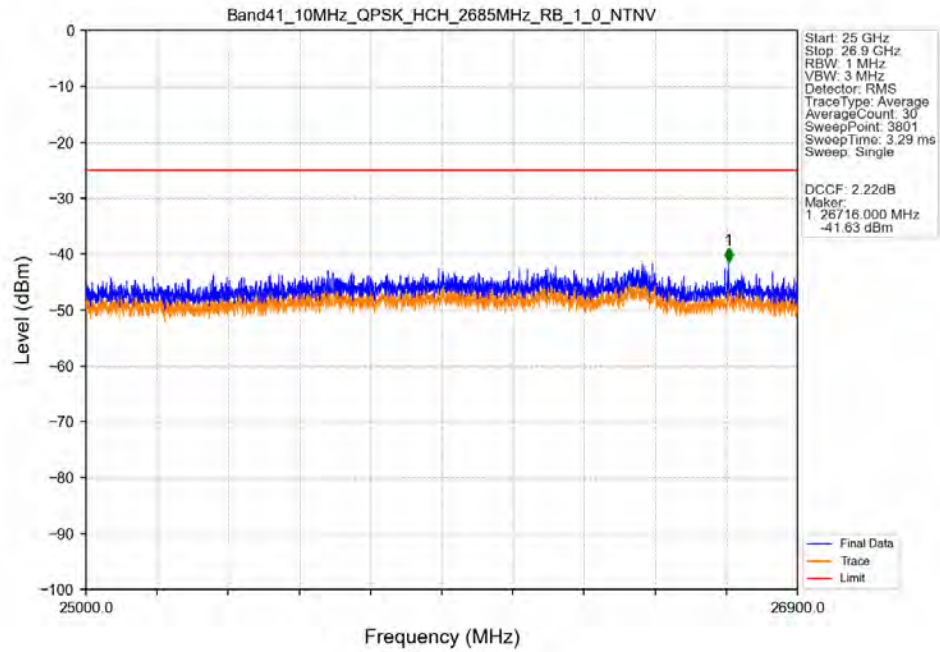
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



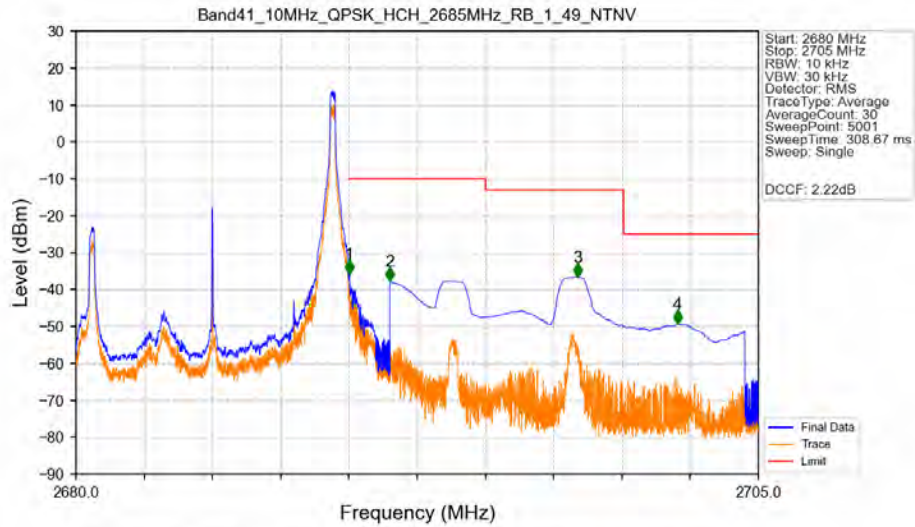
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

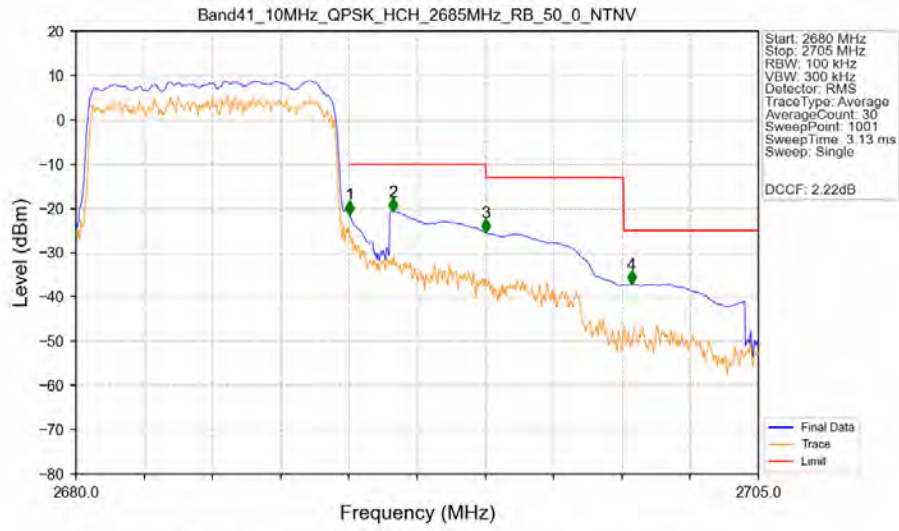


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



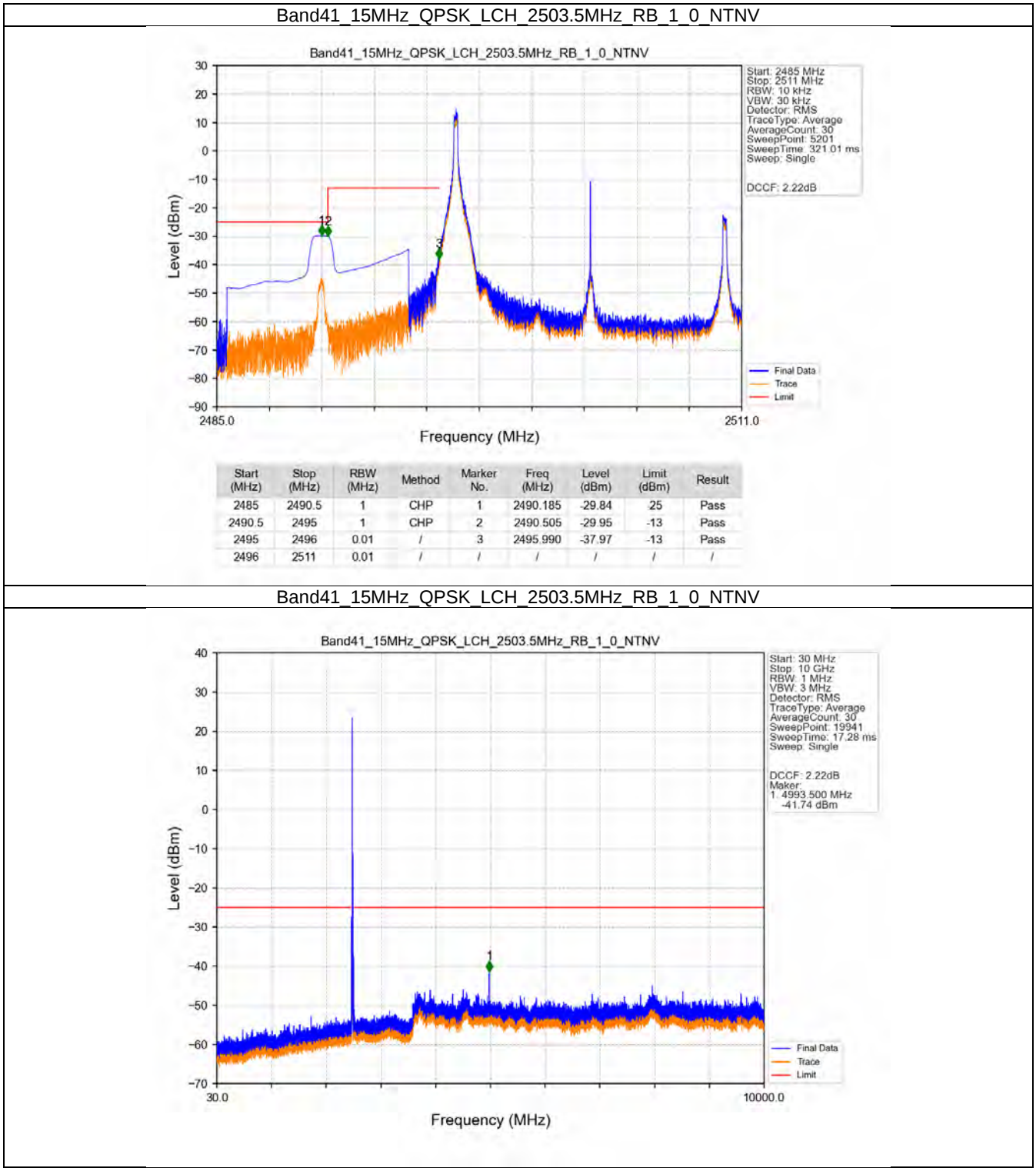
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.015	-35.69	-10	Pass
2691	2695	1	CHP	2	2691.500	-37.78	-10	Pass
2695	2700.055	1	CHP	3	2698.385	-36.64	-13	Pass
2700.055	2705	1	CHP	4	2702.035	-49.37	-25	Pass

Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTN

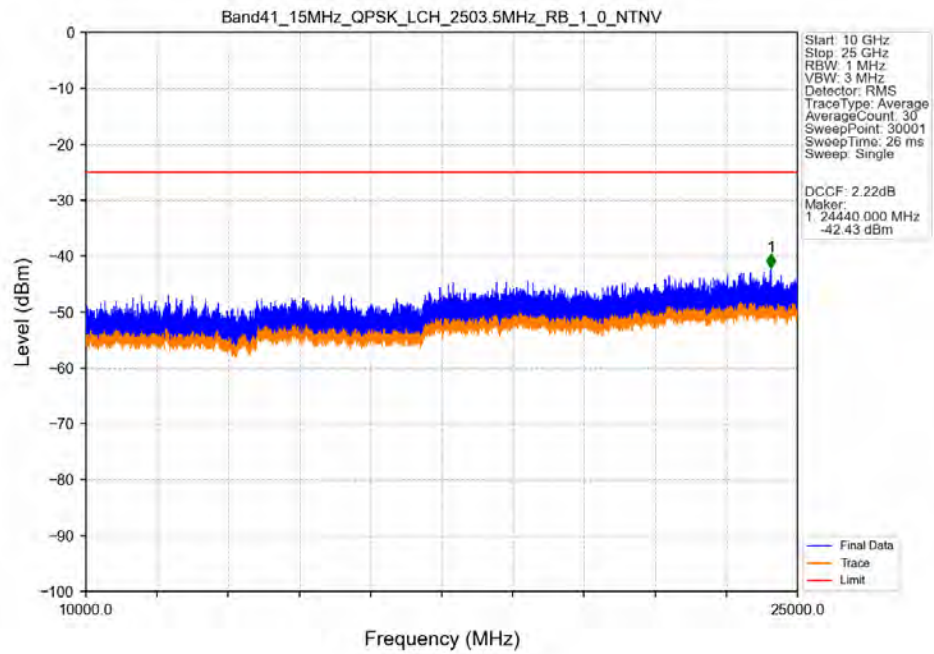


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.201	CHP	/	/	/	/	/
2690	2691	0.201	CHP	1	2690.025	-21.38	-10	Pass
2691	2695	1	CHP	2	2691.625	-20.72	-10	Pass
2695	2700.055	1	CHP	3	2695.025	-25.55	-13	Pass
2700.055	2705	1	CHP	4	2700.350	-37.07	-25	Pass

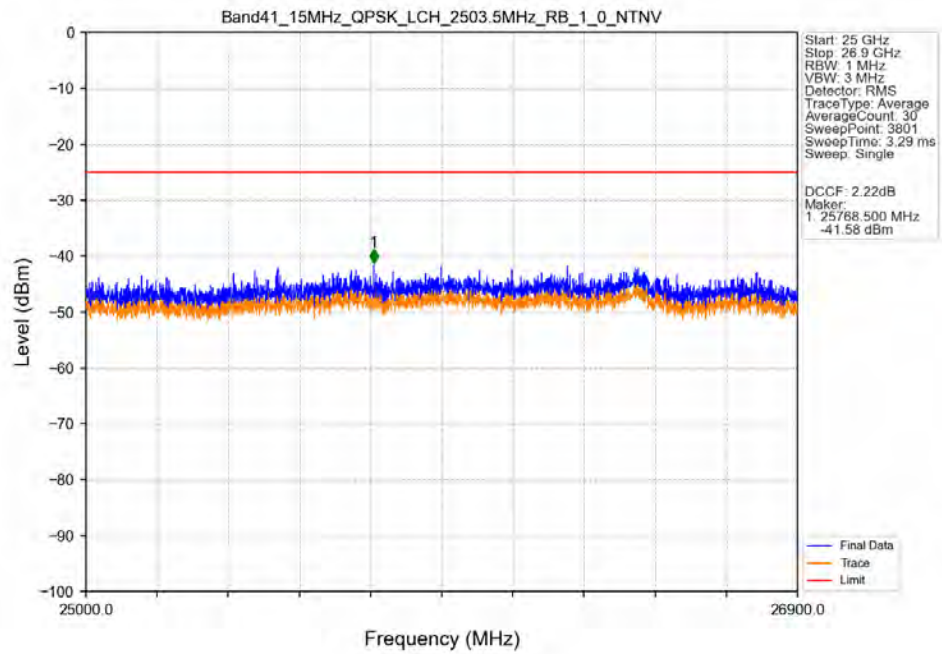
5.2.3 B41_15MHz



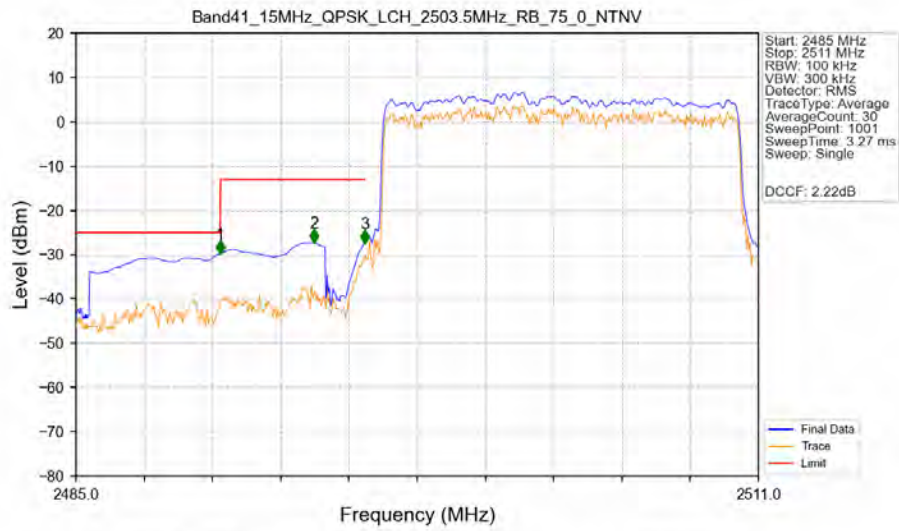
Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTNV



Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTNV

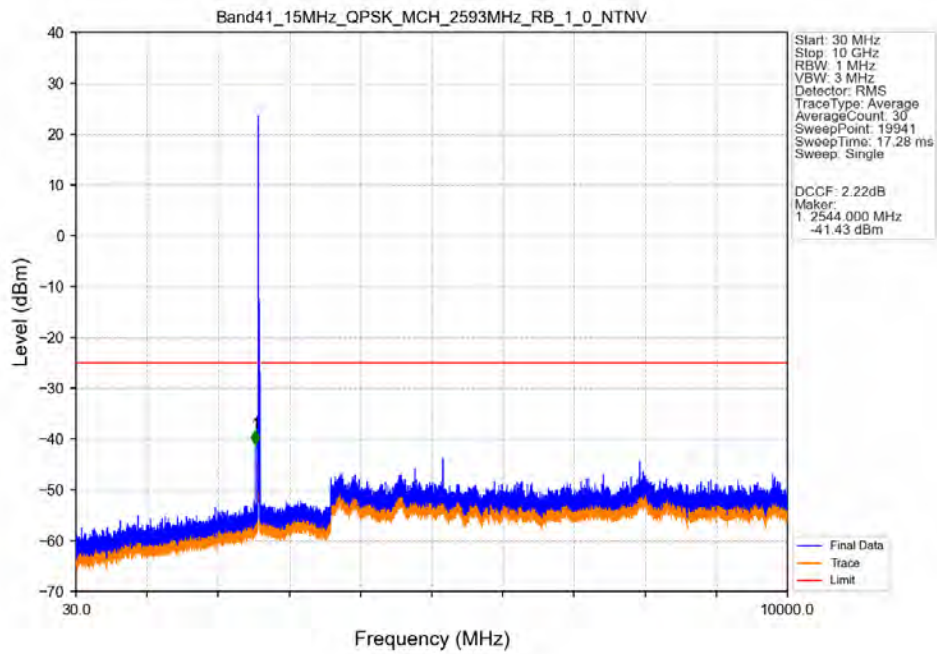


Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV

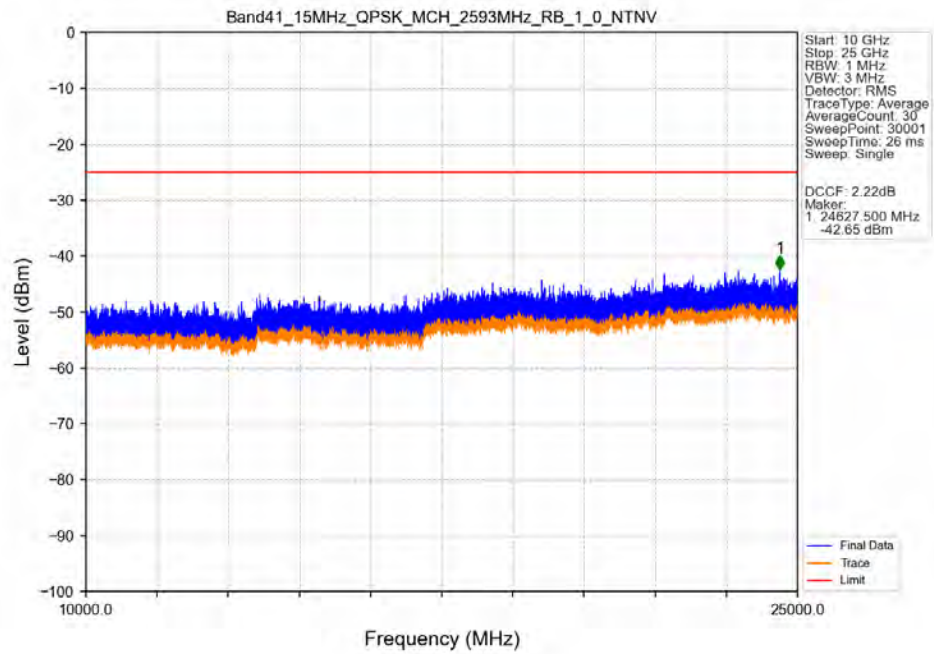


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.486	-29.80	-25	Pass
2490.5	2495	1	CHP	2	2494.074	-27.26	-13	Pass
2495	2496	0.156	CHP	3	2495.998	-27.45	-13	Pass
2496	2511	0.156	CHP	/	/	/	/	/

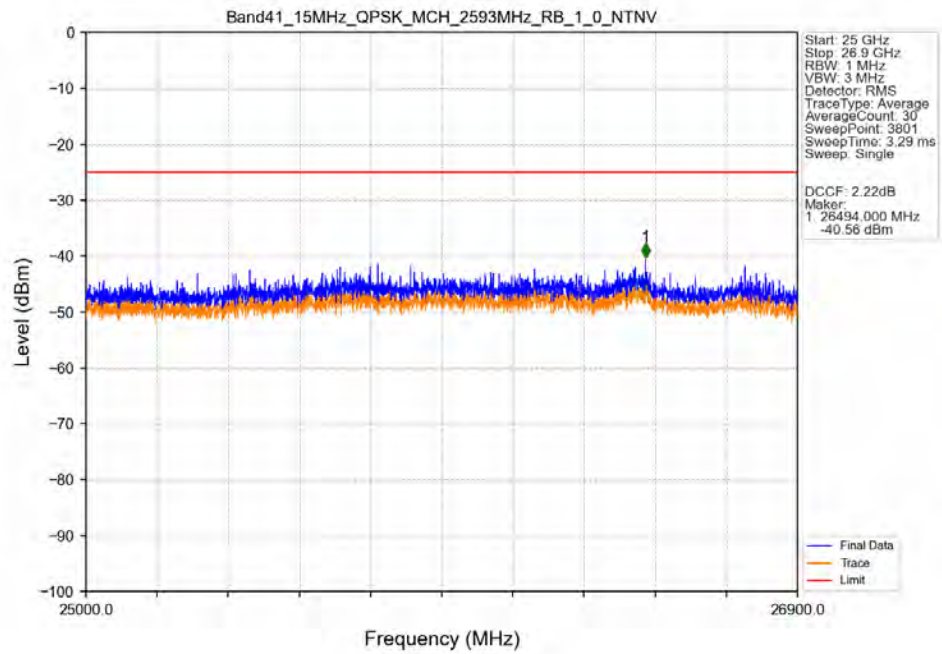
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



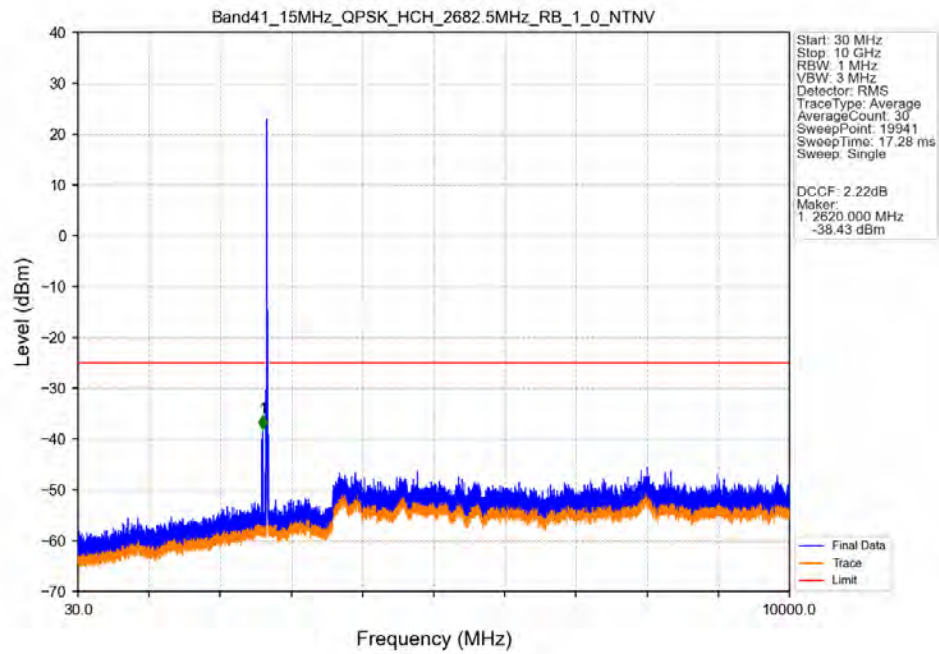
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



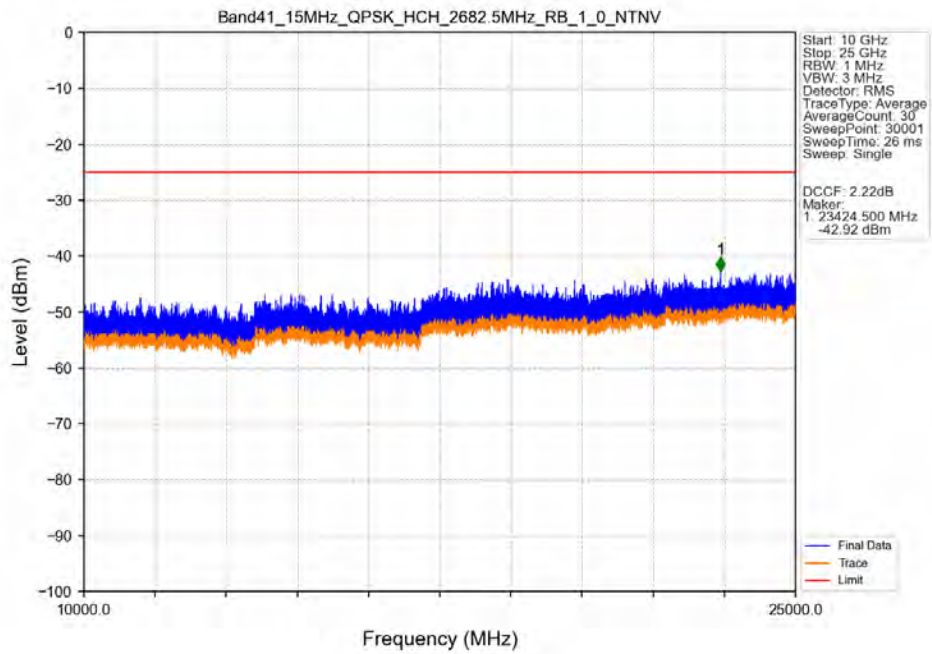
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



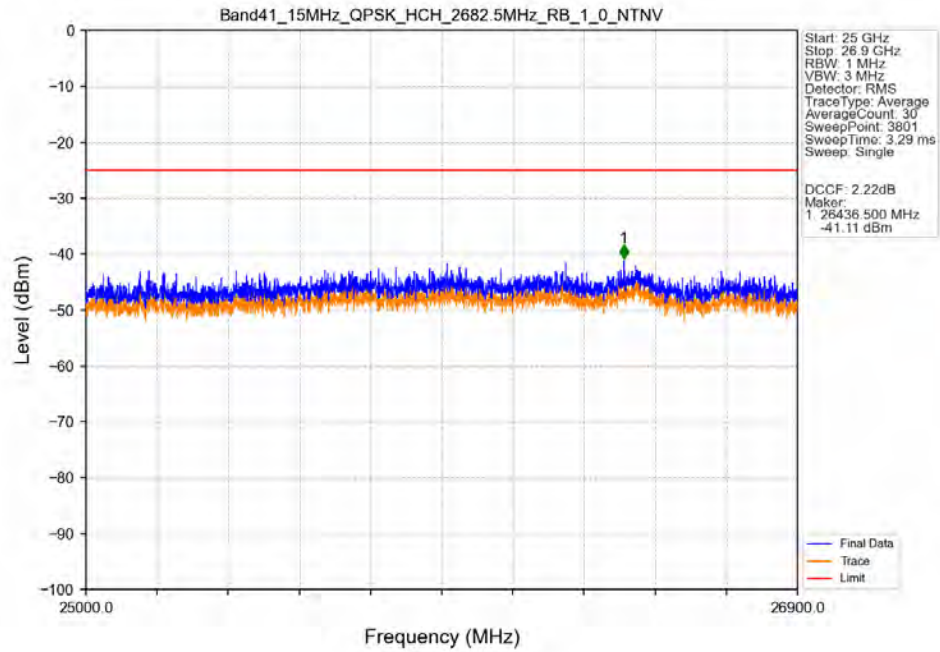
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



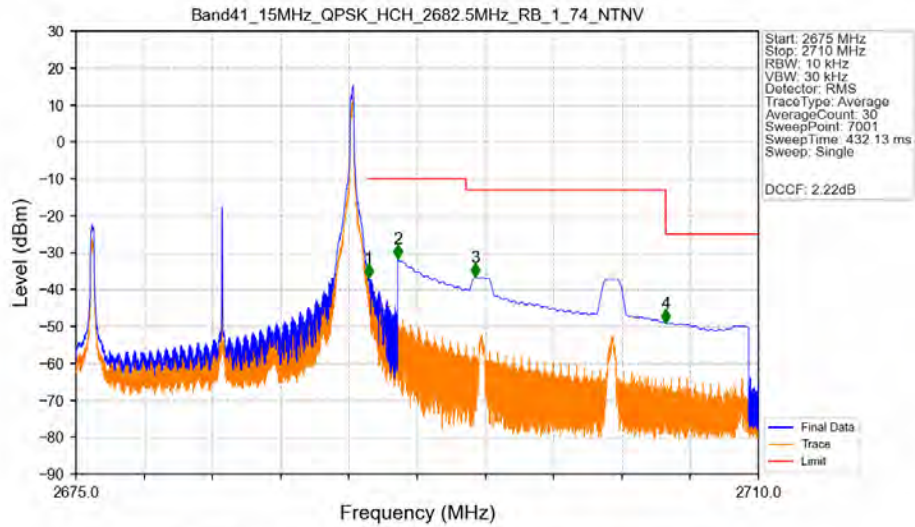
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV

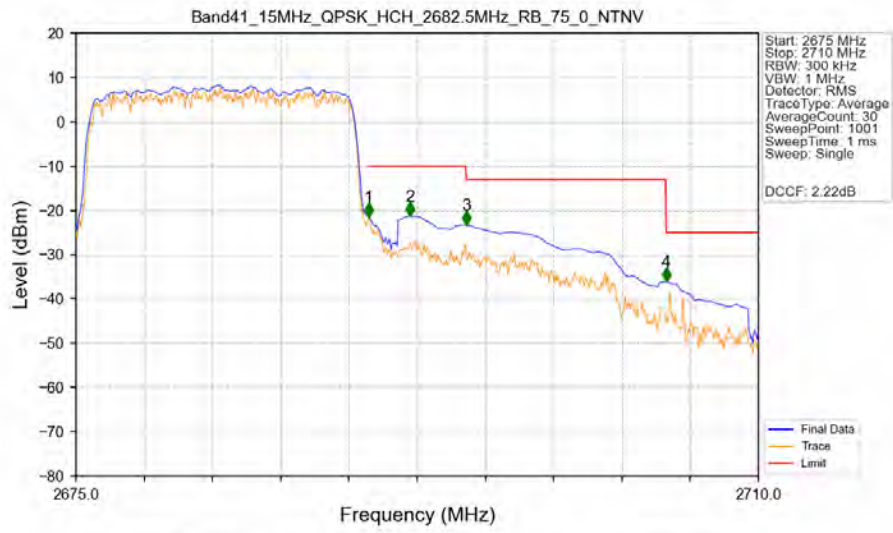


Band41 15MHz QPSK HCH 2682.5MHz RB 1 74 NTNV



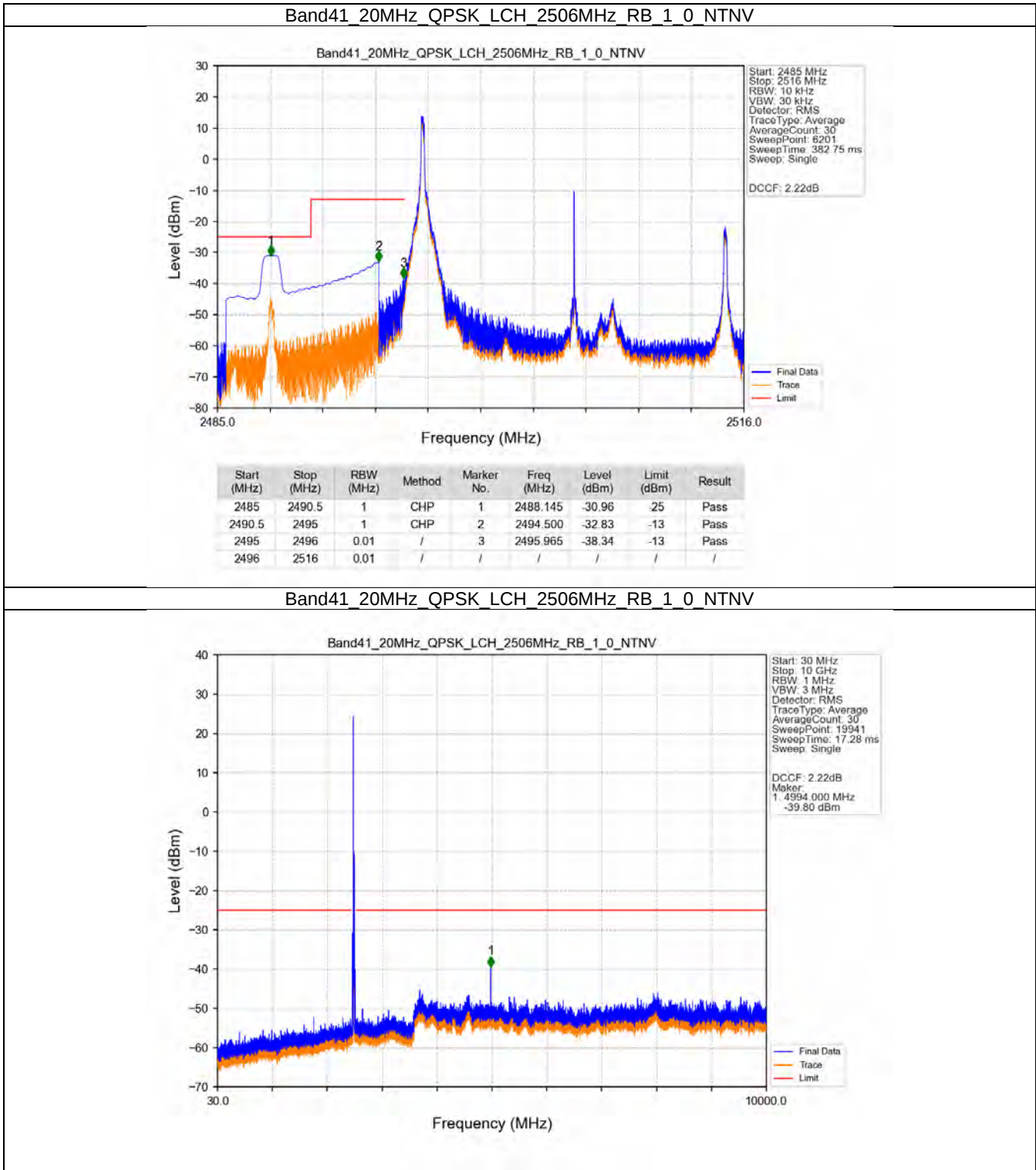
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.015	-36.91	-10	Pass
2691	2695	1	CHP	2	2691.500	-31.67	-10	Pass
2695	2705.245	1	CHP	3	2695.495	-36.64	-13	Pass
2705.245	2710	1	CHP	4	2705.250	-48.96	-25	Pass

Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTV

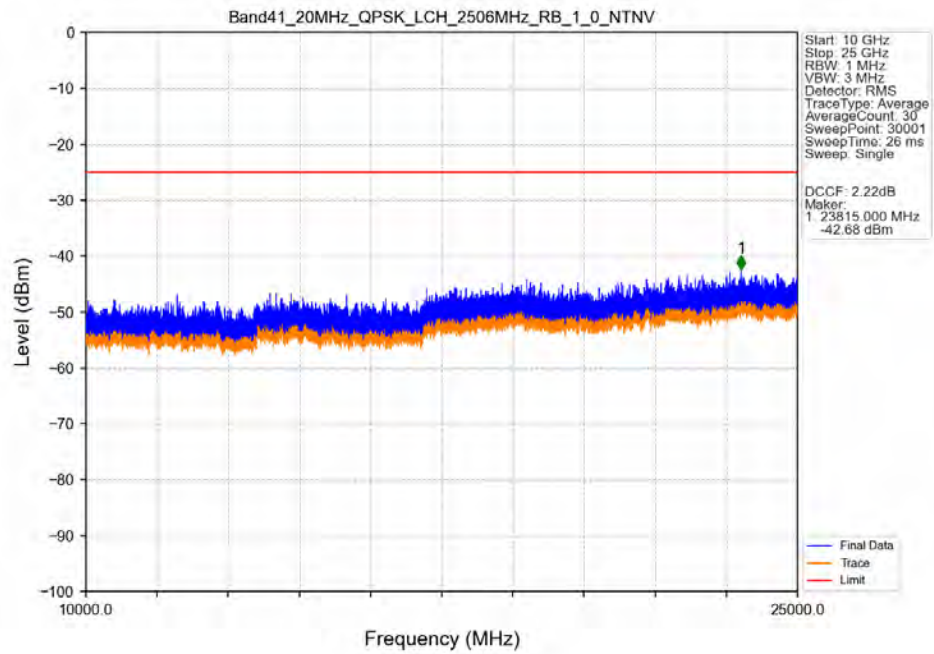


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.305	CHP	/	/	/	/	/
2690	2691	0.305	CHP	1	2690.015	-21.40	-10	Pass
2691	2695	1	CHP	2	2692.115	-21.27	-10	Pass
2695	2705.245	1	CHP	3	2695.020	-23.33	-13	Pass
2705.245	2710	1	CHP	4	2705.275	-36.13	-25	Pass

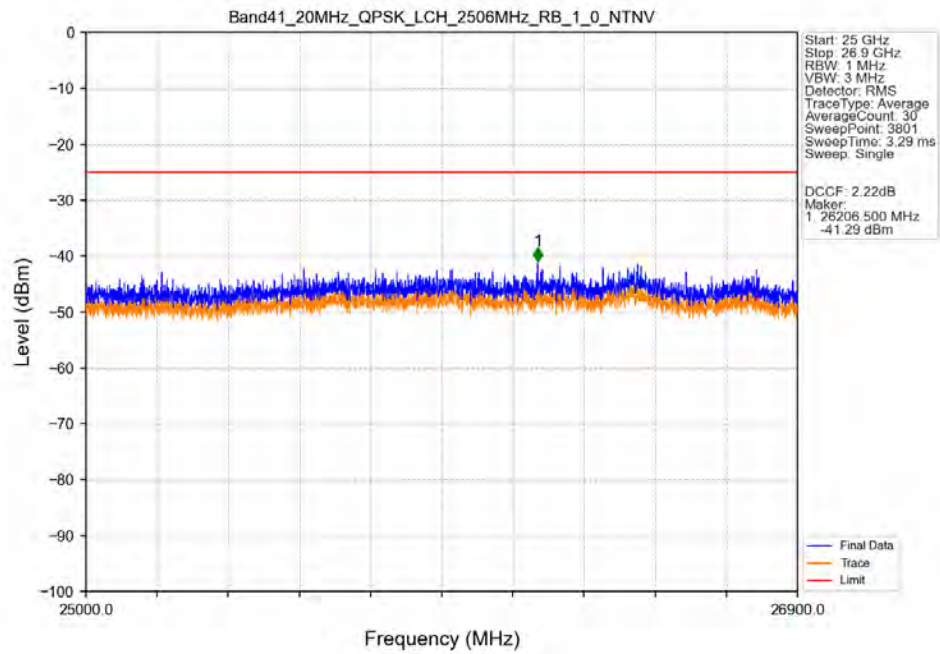
5.2.4 B41_20MHz



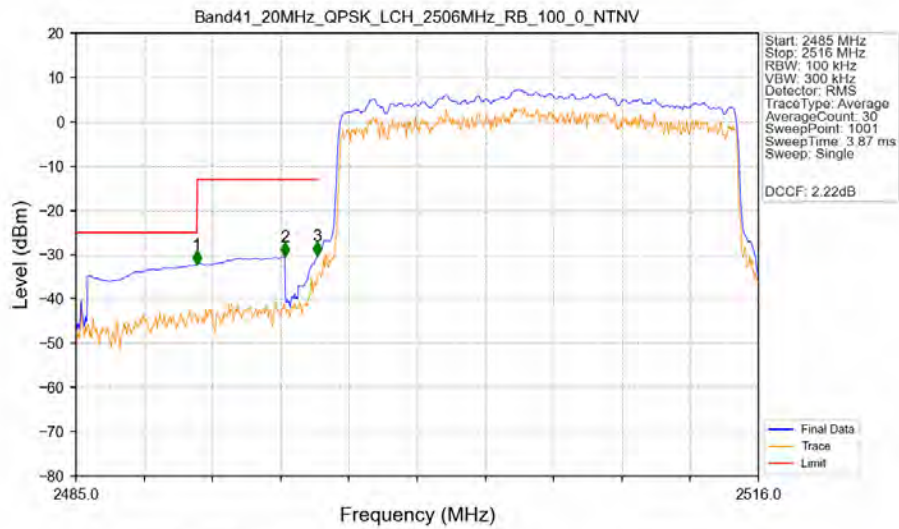
Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTNV



Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTNV

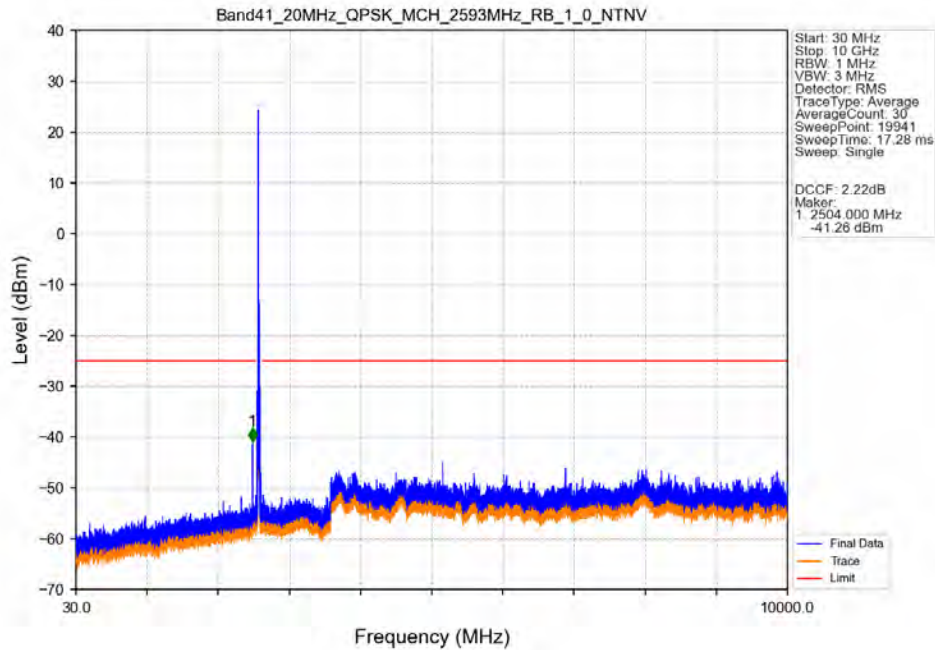


Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV

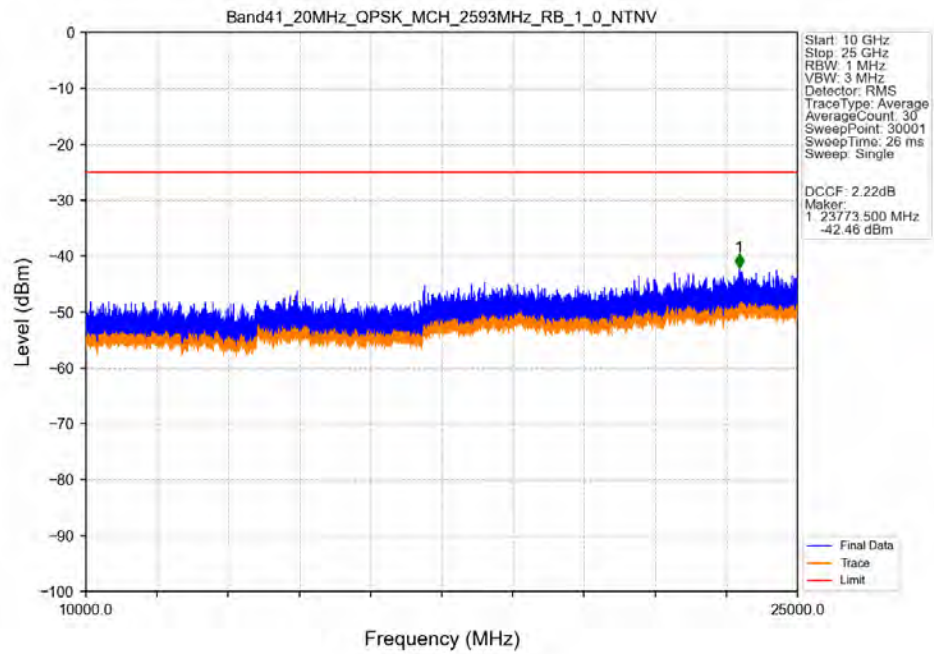


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.487	-32.21	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-30.33	-13	Pass
2495	2496	0.2	CHP	3	2495.974	-30.25	-13	Pass
2496	2516	0.2	CHP	/	/	/	/	/

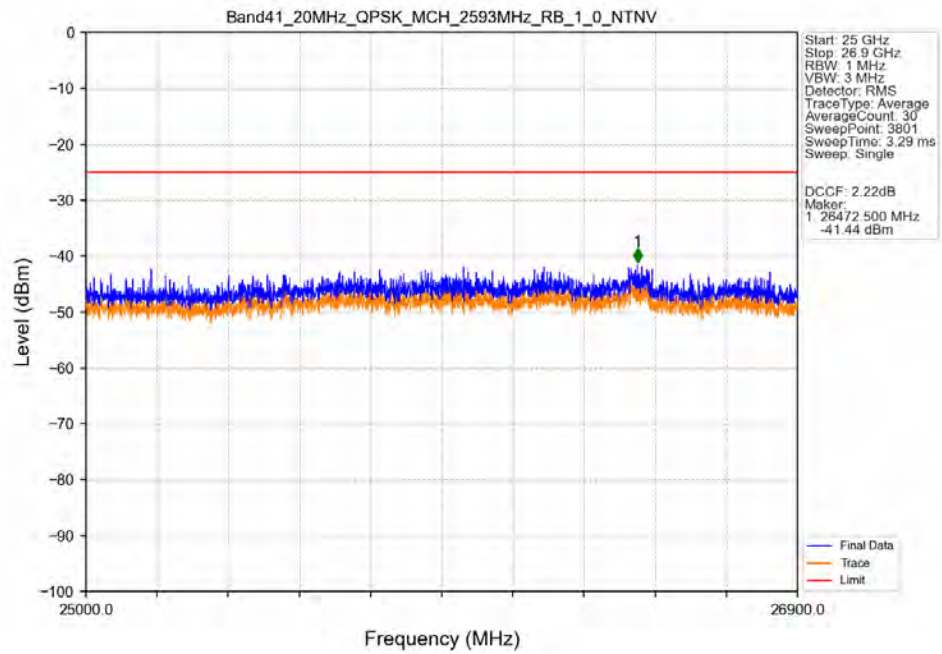
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



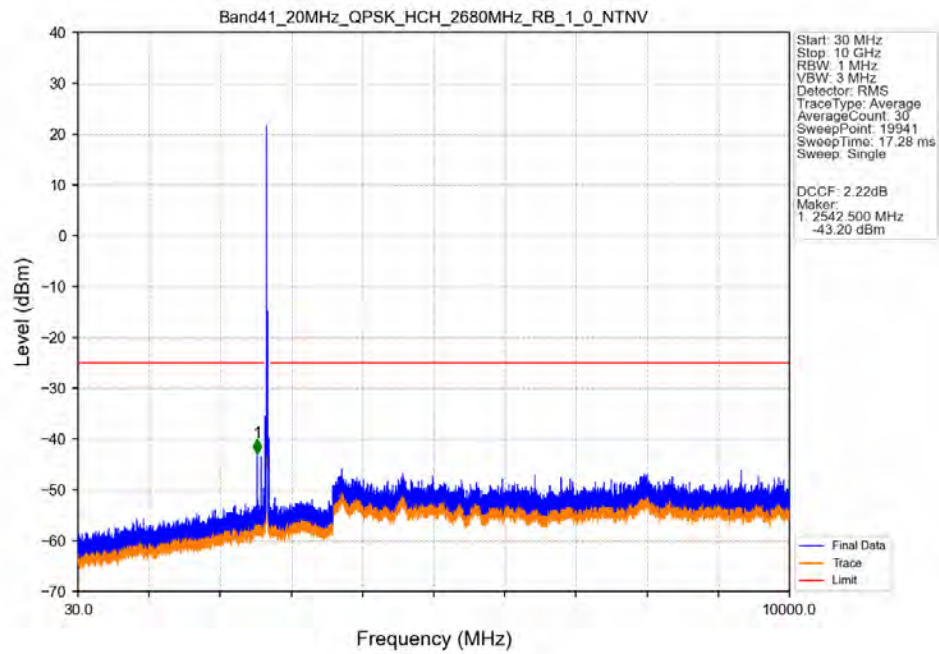
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTV



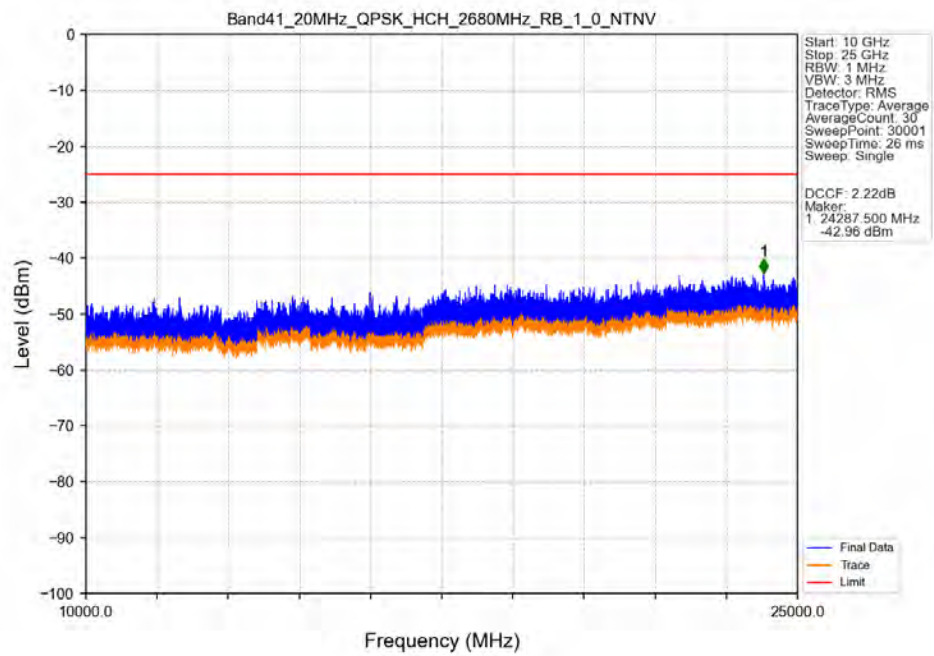
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTV



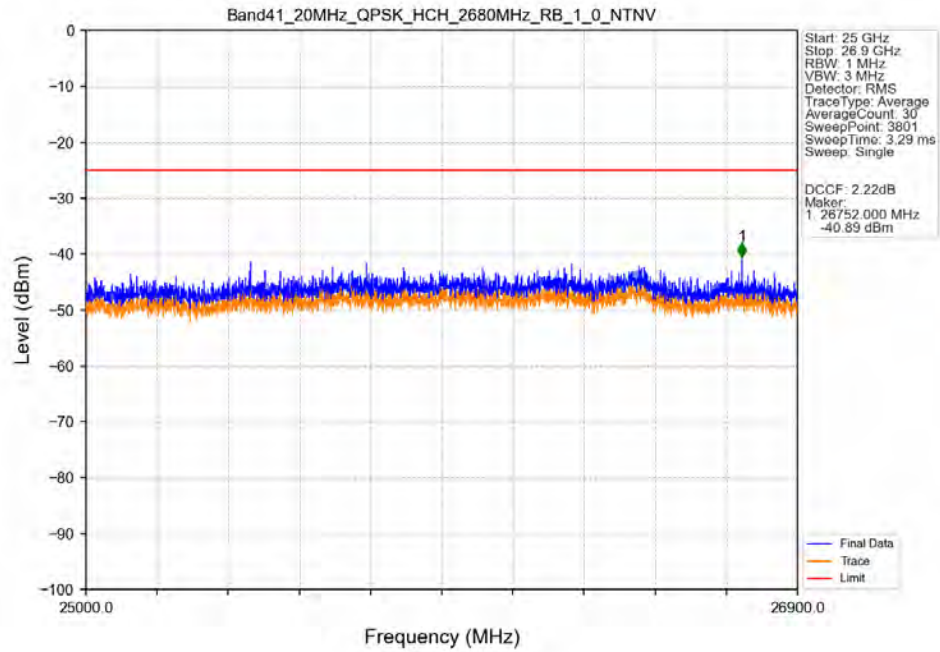
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV



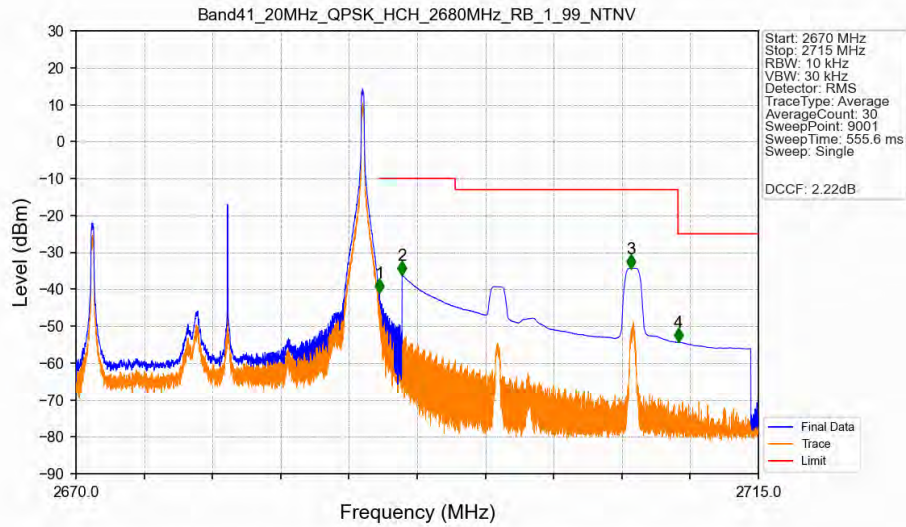
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV



Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV

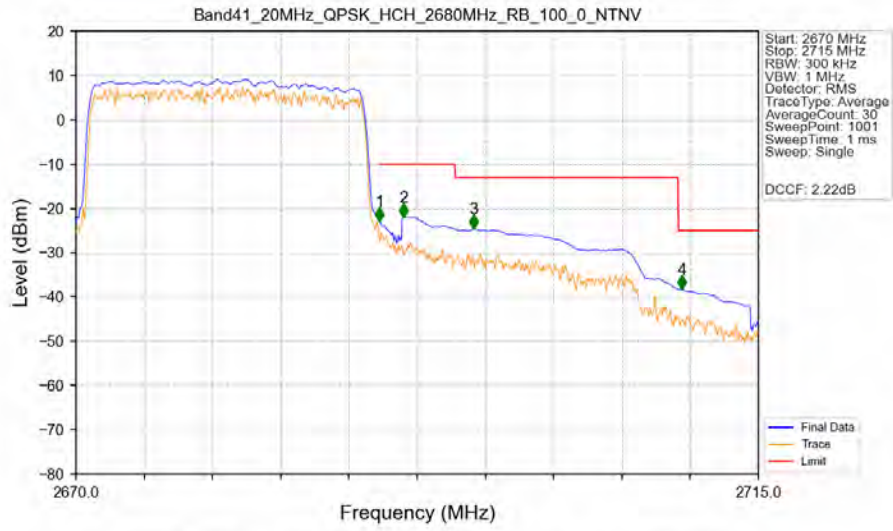


Band41 20MHz QPSK HCH 2680MHz RB 1 99 NTNV



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	-40.97	-10	Pass
2691	2695	1	CHP	2	2691.505	-36.21	-10	Pass
2695	2709.692	1	CHP	3	2706.570	-34.34	-13	Pass
2709.692	2715	1	CHP	4	2709.710	-54.32	-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	0.394	CHP	/	/	/	/	/
2690	2691	0.394	CHP	1	2690.025	-22.90	-10	Pass
2691	2695	1	CHP	2	2691.600	-22.04	-10	Pass
2695	2709.692	1	CHP	3	2696.235	-24.61	-13	Pass
2709.692	2715	1	CHP	4	2709.960	-38.25	-25	Pass

6. Field Strength of Spurious Radiation

LTE Band 41-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0				
Frequency	Spurious Emission Level		Limit	Margin
(MHz)	Polaxis	(dBm)	(dBm)	(dB)
4994	H	-52.82	-25	27.82
7491	H	-54.28	-25	29.28
9988	H	-54.2	-25	29.2
4994	V	-52.47	-25	27.47
7491	V	-54.59	-25	29.59
9988	V	-53.49	-25	28.49

LTE Band 41-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0				
Frequency	Spurious Emission Level		Limit	Margin
(MHz)	Polaxis	(dBm)	(dBm)	(dB)
5168	H	-52.62	-25	27.62
7752	H	-54.82	-25	29.82
10336	H	-54.87	-25	29.87
5168	V	-52.65	-25	27.65
7752	V	-54.02	-25	29.02
10336	V	-55.18	-25	30.18

LTE Band 41-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0				
Frequency	Spurious Emission Level		Limit	Margin
(MHz)	Polaxis	(dBm)	(dBm)	(dB)
5342	H	-55.39	-25	30.39
8013	H	-56.29	-25	31.29
10684	H	-54.65	-25	29.65
5342	V	-54.03	-25	29.03
8013	V	-55.24	-25	30.24
10684	V	-55.48	-25	30.48