

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	22.00	-2.80	19.20	<=33.01	Pass
			13	22.27	-2.80	19.47	<=33.01	Pass
			24	22.06	-2.80	19.26	<=33.01	Pass
		12	0	20.99	-2.80	18.19	<=33.01	Pass
			6	21.25	-2.80	18.45	<=33.01	Pass
			13	21.09	-2.80	18.29	<=33.01	Pass
		25	0	21.22	-2.80	18.42	<=33.01	Pass
	2593	1	0	23.40	-2.80	20.60	<=33.01	Pass
			13	23.30	-2.80	20.50	<=33.01	Pass
			24	23.43	-2.80	20.63	<=33.01	Pass
		12	0	22.36	-2.80	19.56	<=33.01	Pass
			6	22.35	-2.80	19.55	<=33.01	Pass
			13	22.56	-2.80	19.76	<=33.01	Pass
		25	0	22.51	-2.80	19.71	<=33.01	Pass
	2687.5	1	0	24.22	-2.80	21.42	<=33.01	Pass
			13	24.14	-2.80	21.34	<=33.01	Pass
			24	24.50	-2.80	21.70	<=33.01	Pass
		12	0	23.27	-2.80	20.47	<=33.01	Pass
			6	23.40	-2.80	20.60	<=33.01	Pass
			13	23.56	-2.80	20.76	<=33.01	Pass
		25	0	23.49	-2.80	20.69	<=33.01	Pass
16QAM	2498.5	1	0	21.35	-2.80	18.55	<=33.01	Pass
			13	21.13	-2.80	18.33	<=33.01	Pass
			24	21.32	-2.80	18.52	<=33.01	Pass
		12	0	20.19	-2.80	17.39	<=33.01	Pass
			6	20.19	-2.80	17.39	<=33.01	Pass
			13	20.11	-2.80	17.31	<=33.01	Pass
		25	0	20.33	-2.80	17.53	<=33.01	Pass
	2593	1	0	22.58	-2.80	19.78	<=33.01	Pass
			13	22.59	-2.80	19.79	<=33.01	Pass
			24	22.60	-2.80	19.80	<=33.01	Pass
		12	0	21.38	-2.80	18.58	<=33.01	Pass
			6	21.35	-2.80	18.55	<=33.01	Pass
			13	21.38	-2.80	18.58	<=33.01	Pass
		25	0	21.48	-2.80	18.68	<=33.01	Pass
	2687.5	1	0	23.60	-2.80	20.80	<=33.01	Pass
			13	23.60	-2.80	20.80	<=33.01	Pass
			24	23.64	-2.80	20.84	<=33.01	Pass
		12	0	22.58	-2.80	19.78	<=33.01	Pass
			6	22.41	-2.80	19.61	<=33.01	Pass
			13	22.59	-2.80	19.79	<=33.01	Pass
		25	0	22.44	-2.80	19.64	<=33.01	Pass
64QAM	2498.5	1	0	19.93	-2.80	17.13	<=33.01	Pass
			13	19.94	-2.80	17.14	<=33.01	Pass
			24	19.95	-2.80	17.15	<=33.01	Pass
		12	0	19.18	-2.80	16.38	<=33.01	Pass
			6	19.18	-2.80	16.38	<=33.01	Pass
			13	19.20	-2.80	16.40	<=33.01	Pass
		25	0	19.32	-2.80	16.52	<=33.01	Pass

	2593	1	0	21.18	-2.80	18.38	<=33.01	Pass	
			13	21.21	-2.80	18.41	<=33.01	Pass	
			24	21.21	-2.80	18.41	<=33.01	Pass	
		12	0	20.45	-2.80	17.65	<=33.01	Pass	
			6	20.39	-2.80	17.59	<=33.01	Pass	
			13	20.44	-2.80	17.64	<=33.01	Pass	
		25	0	20.58	-2.80	17.78	<=33.01	Pass	
		2687.5	1	0	22.34	-2.80	19.54	<=33.01	Pass
				13	22.22	-2.80	19.42	<=33.01	Pass
	24			22.49	-2.80	19.69	<=33.01	Pass	
	12		0	21.51	-2.80	18.71	<=33.01	Pass	
			6	21.54	-2.80	18.74	<=33.01	Pass	
			13	21.54	-2.80	18.74	<=33.01	Pass	
	25	0	21.59	-2.80	18.79	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	22.14	-2.80	19.34	<=33.01	Pass
			25	22.23	-2.80	19.43	<=33.01	Pass
			49	22.09	-2.80	19.29	<=33.01	Pass
		25	0	21.01	-2.80	18.21	<=33.01	Pass
			13	20.79	-2.80	17.99	<=33.01	Pass
			25	21.05	-2.80	18.25	<=33.01	Pass
		50	0	21.11	-2.80	18.31	<=33.01	Pass
	2593	1	0	23.29	-2.80	20.49	<=33.01	Pass
			25	23.07	-2.80	20.27	<=33.01	Pass
			49	23.07	-2.80	20.27	<=33.01	Pass
		25	0	22.51	-2.80	19.71	<=33.01	Pass
			13	22.15	-2.80	19.35	<=33.01	Pass
			25	22.35	-2.80	19.55	<=33.01	Pass
		50	0	22.48	-2.80	19.68	<=33.01	Pass
	2685	1	0	24.03	-2.80	21.23	<=33.01	Pass
			25	23.87	-2.80	21.07	<=33.01	Pass
			49	23.98	-2.80	21.18	<=33.01	Pass
		25	0	23.20	-2.80	20.40	<=33.01	Pass
			13	23.20	-2.80	20.40	<=33.01	Pass
			25	23.20	-2.80	20.40	<=33.01	Pass
		50	0	23.34	-2.80	20.54	<=33.01	Pass
16QAM	2501	1	0	21.39	-2.80	18.59	<=33.01	Pass
			25	21.15	-2.80	18.35	<=33.01	Pass
			49	21.44	-2.80	18.64	<=33.01	Pass
		25	0	20.30	-2.80	17.50	<=33.01	Pass
			13	20.27	-2.80	17.47	<=33.01	Pass
			25	20.31	-2.80	17.51	<=33.01	Pass
		50	0	20.14	-2.80	17.34	<=33.01	Pass
	2593	1	0	22.58	-2.80	19.78	<=33.01	Pass
			25	22.61	-2.80	19.81	<=33.01	Pass
			49	22.61	-2.80	19.81	<=33.01	Pass
		25	0	21.38	-2.80	18.58	<=33.01	Pass
			13	21.39	-2.80	18.59	<=33.01	Pass
			25	21.50	-2.80	18.70	<=33.01	Pass
		50	0	21.18	-2.80	18.38	<=33.01	Pass
	2685	1	0	23.38	-2.80	20.58	<=33.01	Pass

			25	23.60	-2.80	20.80	<=33.01	Pass	
			49	23.46	-2.80	20.66	<=33.01	Pass	
		25	0	22.26	-2.80	19.46	<=33.01	Pass	
			13	22.27	-2.80	19.47	<=33.01	Pass	
			25	22.65	-2.80	19.85	<=33.01	Pass	
		50	0	22.58	-2.80	19.78	<=33.01	Pass	
64QAM	2501	1	0	19.97	-2.80	17.17	<=33.01	Pass	
			25	19.92	-2.80	17.12	<=33.01	Pass	
			49	20.02	-2.80	17.22	<=33.01	Pass	
		25	0	19.22	-2.80	16.42	<=33.01	Pass	
			13	19.30	-2.80	16.50	<=33.01	Pass	
			25	19.18	-2.80	16.38	<=33.01	Pass	
		50	0	19.11	-2.80	16.31	<=33.01	Pass	
		2593	1	0	21.17	-2.80	18.37	<=33.01	Pass
				25	21.22	-2.80	18.42	<=33.01	Pass
	49			21.21	-2.80	18.41	<=33.01	Pass	
	25		0	20.56	-2.80	17.76	<=33.01	Pass	
			13	20.41	-2.80	17.61	<=33.01	Pass	
			25	20.59	-2.80	17.79	<=33.01	Pass	
	50		0	20.48	-2.80	17.68	<=33.01	Pass	
	2685		1	0	22.38	-2.80	19.58	<=33.01	Pass
				25	22.19	-2.80	19.39	<=33.01	Pass
		49		22.37	-2.80	19.57	<=33.01	Pass	
		25	0	21.63	-2.80	18.83	<=33.01	Pass	
			13	21.22	-2.80	18.42	<=33.01	Pass	
			25	21.71	-2.80	18.91	<=33.01	Pass	
50		0	21.46	-2.80	18.66	<=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	22.25	-2.80	19.45	<=33.01	Pass
			38	22.13	-2.80	19.33	<=33.01	Pass
			74	22.24	-2.80	19.44	<=33.01	Pass
		36	0	21.25	-2.80	18.45	<=33.01	Pass
			18	21.20	-2.80	18.40	<=33.01	Pass
			39	21.31	-2.80	18.51	<=33.01	Pass
		75	0	21.29	-2.80	18.49	<=33.01	Pass
	2593	1	0	23.24	-2.80	20.44	<=33.01	Pass
			38	23.17	-2.80	20.37	<=33.01	Pass
			74	23.20	-2.80	20.40	<=33.01	Pass
		36	0	22.43	-2.80	19.63	<=33.01	Pass
			18	22.47	-2.80	19.67	<=33.01	Pass
			39	22.48	-2.80	19.68	<=33.01	Pass
		75	0	22.20	-2.80	19.40	<=33.01	Pass
	2682.5	1	0	24.09	-2.80	21.29	<=33.01	Pass
			38	23.98	-2.80	21.18	<=33.01	Pass
			74	24.03	-2.80	21.23	<=33.01	Pass
		36	0	23.41	-2.80	20.61	<=33.01	Pass
			18	23.46	-2.80	20.66	<=33.01	Pass
			39	23.48	-2.80	20.68	<=33.01	Pass
		75	0	23.13	-2.80	20.33	<=33.01	Pass
16QAM	2503.5	1	0	21.14	-2.80	18.34	<=33.01	Pass
			38	21.42	-2.80	18.62	<=33.01	Pass

			74	21.38	-2.80	18.58	<=33.01	Pass	
		36	0	20.20	-2.80	17.40	<=33.01	Pass	
			18	20.20	-2.80	17.40	<=33.01	Pass	
			39	20.27	-2.80	17.47	<=33.01	Pass	
		75	0	20.32	-2.80	17.52	<=33.01	Pass	
	2593	1	0	22.40	-2.80	19.60	<=33.01	Pass	
			38	22.60	-2.80	19.80	<=33.01	Pass	
			74	22.50	-2.80	19.70	<=33.01	Pass	
		36	0	21.29	-2.80	18.49	<=33.01	Pass	
			18	21.22	-2.80	18.42	<=33.01	Pass	
			39	21.45	-2.80	18.65	<=33.01	Pass	
		75	0	21.55	-2.80	18.75	<=33.01	Pass	
		2682.5	1	0	23.11	-2.80	20.31	<=33.01	Pass
	38			23.58	-2.80	20.78	<=33.01	Pass	
	74			23.61	-2.80	20.81	<=33.01	Pass	
	36		0	22.45	-2.80	19.65	<=33.01	Pass	
			18	22.48	-2.80	19.68	<=33.01	Pass	
			39	22.52	-2.80	19.72	<=33.01	Pass	
	75	0	22.23	-2.80	19.43	<=33.01	Pass		
	64QAM	2503.5	1	0	19.97	-2.80	17.17	<=33.01	Pass
				38	19.99	-2.80	17.19	<=33.01	Pass
				74	20.05	-2.80	17.25	<=33.01	Pass
			36	0	19.26	-2.80	16.46	<=33.01	Pass
				18	19.21	-2.80	16.41	<=33.01	Pass
39				19.25	-2.80	16.45	<=33.01	Pass	
75			0	19.30	-2.80	16.50	<=33.01	Pass	
2593		1	0	21.10	-2.80	18.30	<=33.01	Pass	
			38	21.20	-2.80	18.40	<=33.01	Pass	
			74	21.15	-2.80	18.35	<=33.01	Pass	
		36	0	20.45	-2.80	17.65	<=33.01	Pass	
			18	20.41	-2.80	17.61	<=33.01	Pass	
			39	20.47	-2.80	17.67	<=33.01	Pass	
75		0	20.38	-2.80	17.58	<=33.01	Pass		
2682.5		1	0	22.14	-2.80	19.34	<=33.01	Pass	
			38	22.19	-2.80	19.39	<=33.01	Pass	
			74	22.32	-2.80	19.52	<=33.01	Pass	
		36	0	21.50	-2.80	18.70	<=33.01	Pass	
			18	21.54	-2.80	18.74	<=33.01	Pass	
			39	21.55	-2.80	18.75	<=33.01	Pass	
75		0	21.52	-2.80	18.72	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	22.22	-2.80	19.42	<=33.01	Pass
			50	22.18	-2.80	19.38	<=33.01	Pass
			99	22.06	-2.80	19.26	<=33.01	Pass
		50	0	21.19	-2.80	18.39	<=33.01	Pass
			25	21.23	-2.80	18.43	<=33.01	Pass
			50	21.26	-2.80	18.46	<=33.01	Pass
			100	0	21.26	-2.80	18.46	<=33.01
	2593	1	0	23.10	-2.80	20.30	<=33.01	Pass
			50	23.28	-2.80	20.48	<=33.01	Pass
			99	23.17	-2.80	20.37	<=33.01	Pass

		50	0	22.34	-2.80	19.54	<=33.01	Pass	
			25	22.59	-2.80	19.79	<=33.01	Pass	
			50	22.26	-2.80	19.46	<=33.01	Pass	
		100	0	22.27	-2.80	19.47	<=33.01	Pass	
	2680	1	0	24.44	-2.80	21.64	<=33.01	Pass	
			50	24.31	-2.80	21.51	<=33.01	Pass	
			99	24.62	-2.80	21.82	<=33.01	Pass	
		50	0	23.31	-2.80	20.51	<=33.01	Pass	
			25	23.50	-2.80	20.70	<=33.01	Pass	
			50	23.32	-2.80	20.52	<=33.01	Pass	
100		0	23.57	-2.80	20.77	<=33.01	Pass		
16QAM	2506	1	0	21.41	-2.80	18.61	<=33.01	Pass	
			50	21.25	-2.80	18.45	<=33.01	Pass	
			99	21.37	-2.80	18.57	<=33.01	Pass	
		50	0	20.36	-2.80	17.56	<=33.01	Pass	
			25	20.38	-2.80	17.58	<=33.01	Pass	
			50	20.22	-2.80	17.42	<=33.01	Pass	
			100	0	20.29	-2.80	17.49	<=33.01	Pass
	2593	1	0	22.45	-2.80	19.65	<=33.01	Pass	
			50	22.61	-2.80	19.81	<=33.01	Pass	
			99	22.54	-2.80	19.74	<=33.01	Pass	
		50	0	21.51	-2.80	18.71	<=33.01	Pass	
			25	21.53	-2.80	18.73	<=33.01	Pass	
			50	21.57	-2.80	18.77	<=33.01	Pass	
			100	0	21.48	-2.80	18.68	<=33.01	Pass
	2680	1	0	23.53	-2.80	20.73	<=33.01	Pass	
			50	23.66	-2.80	20.86	<=33.01	Pass	
			99	23.71	-2.80	20.91	<=33.01	Pass	
		50	0	22.34	-2.80	19.54	<=33.01	Pass	
			25	22.14	-2.80	19.34	<=33.01	Pass	
			50	22.67	-2.80	19.87	<=33.01	Pass	
			100	0	22.55	-2.80	19.75	<=33.01	Pass
	64QAM	2506	1	0	19.97	-2.80	17.17	<=33.01	Pass
				50	20.02	-2.80	17.22	<=33.01	Pass
				99	19.97	-2.80	17.17	<=33.01	Pass
50			0	19.35	-2.80	16.55	<=33.01	Pass	
			25	19.24	-2.80	16.44	<=33.01	Pass	
			50	19.35	-2.80	16.55	<=33.01	Pass	
			100	0	19.30	-2.80	16.50	<=33.01	Pass
2593		1	0	21.06	-2.80	18.26	<=33.01	Pass	
			50	21.16	-2.80	18.36	<=33.01	Pass	
			99	21.15	-2.80	18.35	<=33.01	Pass	
		50	0	20.49	-2.80	17.69	<=33.01	Pass	
			25	20.29	-2.80	17.49	<=33.01	Pass	
			50	20.56	-2.80	17.76	<=33.01	Pass	
			100	0	20.40	-2.80	17.60	<=33.01	Pass
2680		1	0	22.20	-2.80	19.40	<=33.01	Pass	
			50	22.28	-2.80	19.48	<=33.01	Pass	
			99	22.42	-2.80	19.62	<=33.01	Pass	
		50	0	21.48	-2.80	18.68	<=33.01	Pass	
			25	21.58	-2.80	18.78	<=33.01	Pass	
			50	21.60	-2.80	18.80	<=33.01	Pass	
			100	0	21.57	-2.80	18.77	<=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	0.600	0.0002	-2.5 to 2.5	Pass
					NV	-3.900	-0.0015	-2.5 to 2.5	Pass
					HV	-4.300	-0.0017	-2.5 to 2.5	Pass
				-30	NV	-15.900	-0.0061	-2.5 to 2.5	Pass
				-20	NV	-0.500	-0.0002	-2.5 to 2.5	Pass
				-10	NV	-2.500	-0.0010	-2.5 to 2.5	Pass
				0	NV	-8.100	-0.0031	-2.5 to 2.5	Pass
				10	NV	1.400	0.0005	-2.5 to 2.5	Pass
				30	NV	5.300	0.0020	-2.5 to 2.5	Pass
				40	NV	-14.000	-0.0054	-2.5 to 2.5	Pass
				50	NV	4.200	0.0016	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

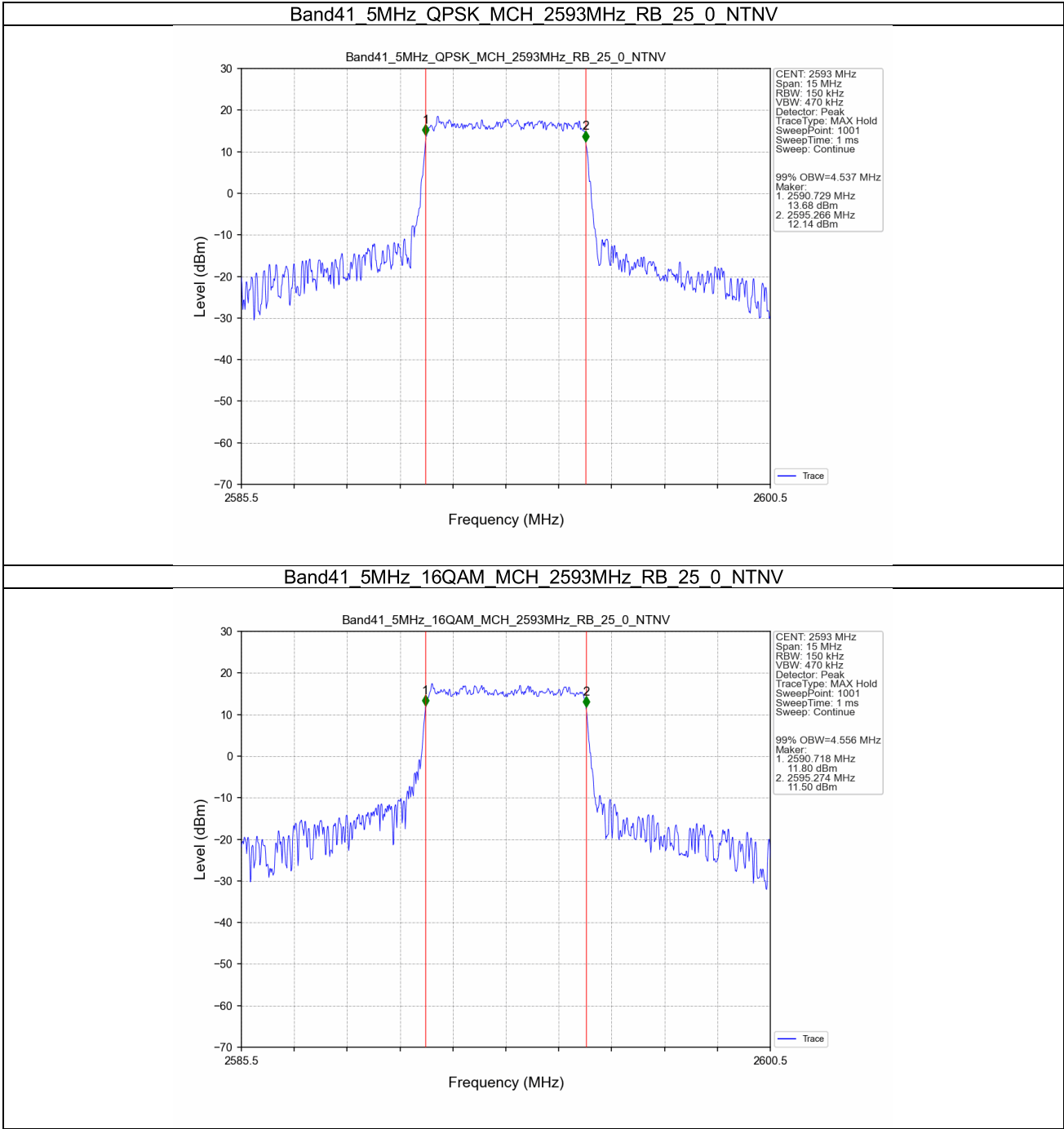
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.537	/	Pass
	16QAM	2593	25	0	4.556	/	Pass
10	QPSK	2593	50	0	9.081	/	Pass
	16QAM	2593	50	0	9.068	/	Pass
15	QPSK	2593	75	0	13.661	/	Pass
	16QAM	2593	75	0	13.614	/	Pass
20	QPSK	2593	100	0	18.083	/	Pass
	16QAM	2593	100	0	18.213	/	Pass

3.1.2 Band41_XDB

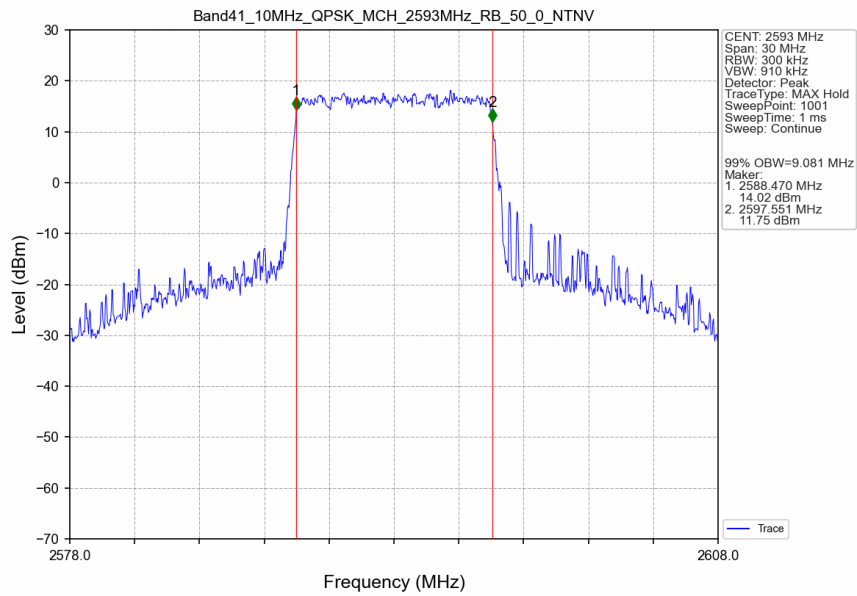
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.031	/	Pass
	16QAM	2593	25	0	5.295	/	Pass
10	QPSK	2593	50	0	10.715	/	Pass
	16QAM	2593	50	0	11.513	/	Pass
15	QPSK	2593	75	0	20.375	/	Pass
	16QAM	2593	75	0	17.636	/	Pass
20	QPSK	2593	100	0	27.321	/	Pass
	16QAM	2593	100	0	25.701	/	Pass

3.2 Test Graph

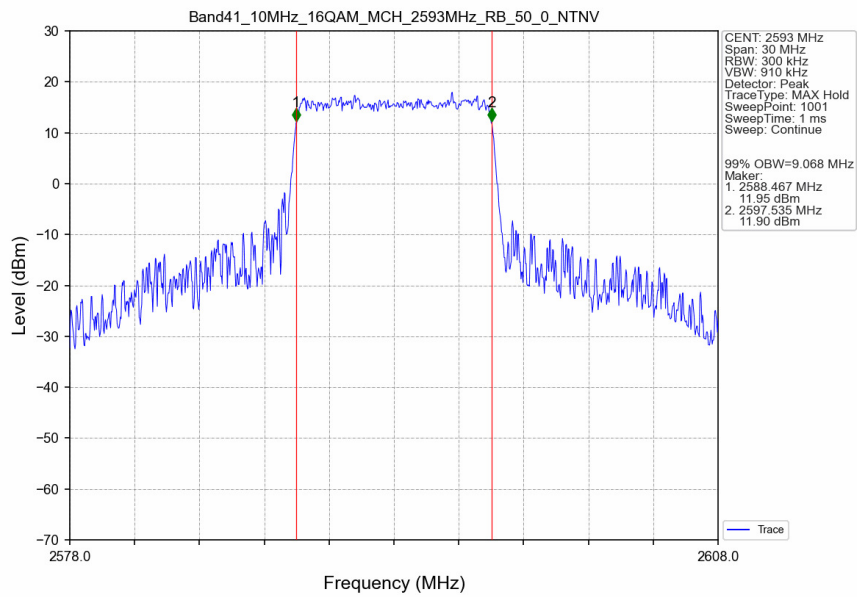
3.2.1 Band41_OBW



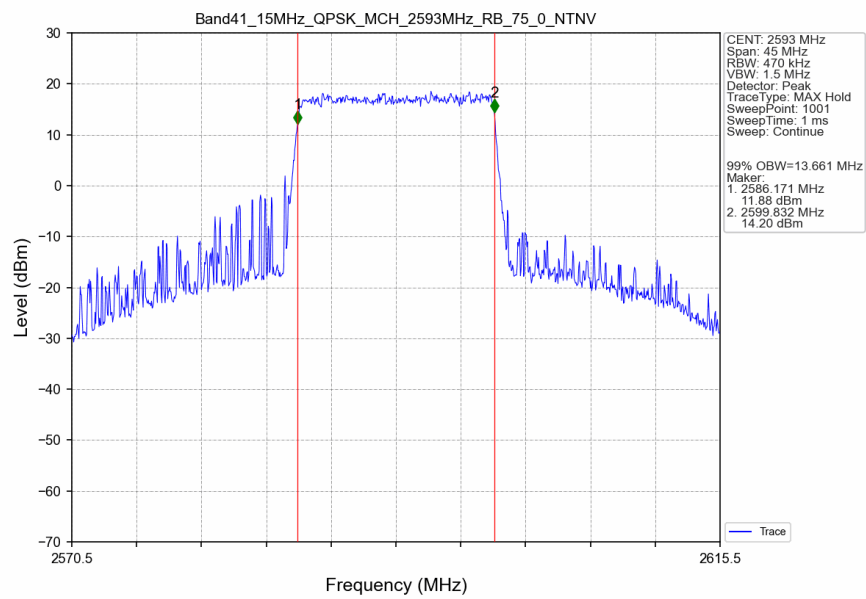
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



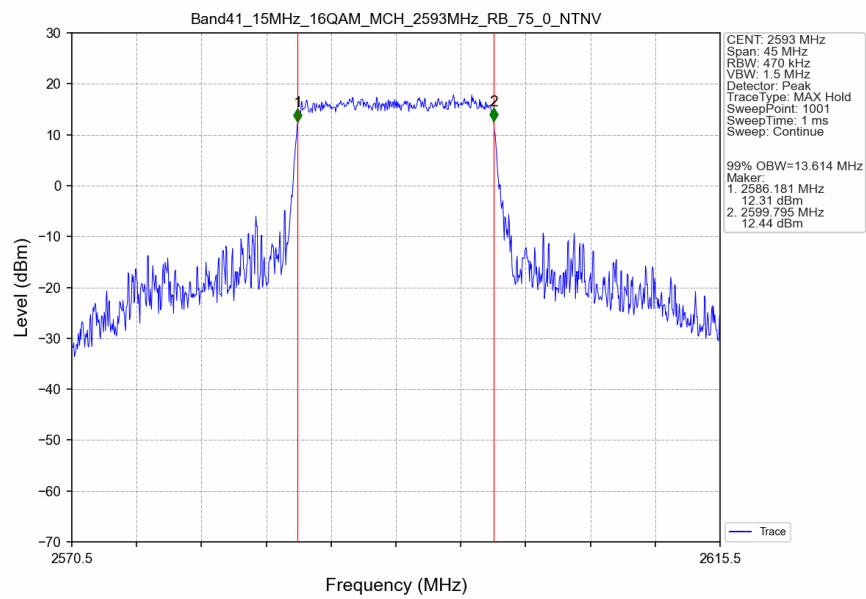
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



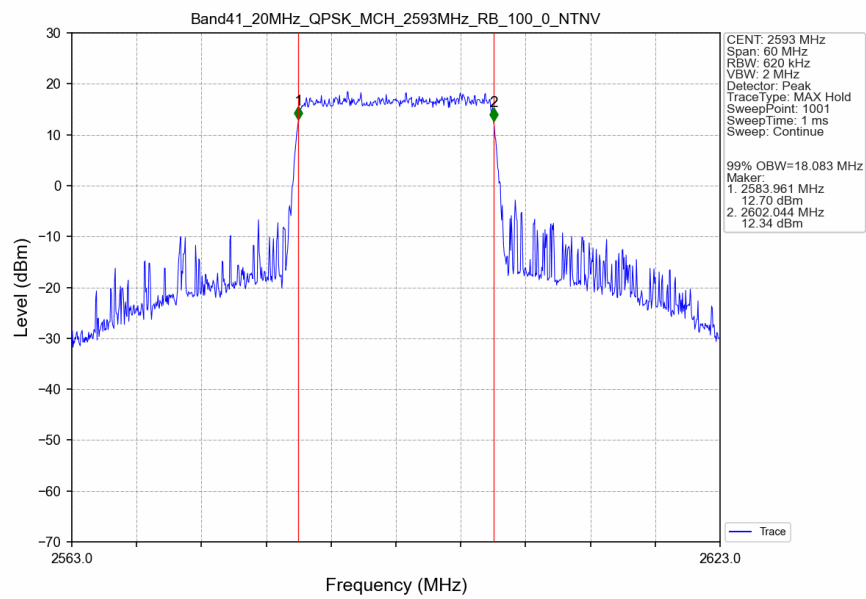
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



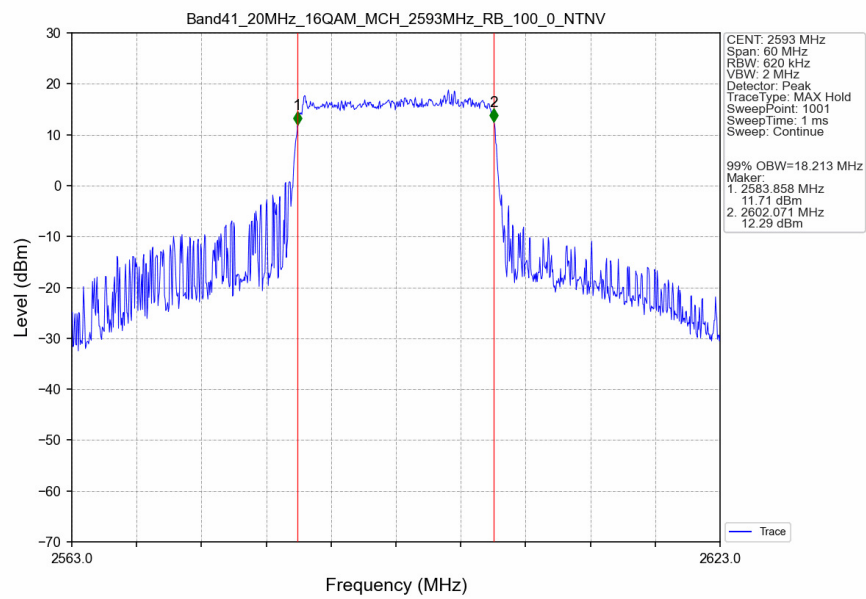
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



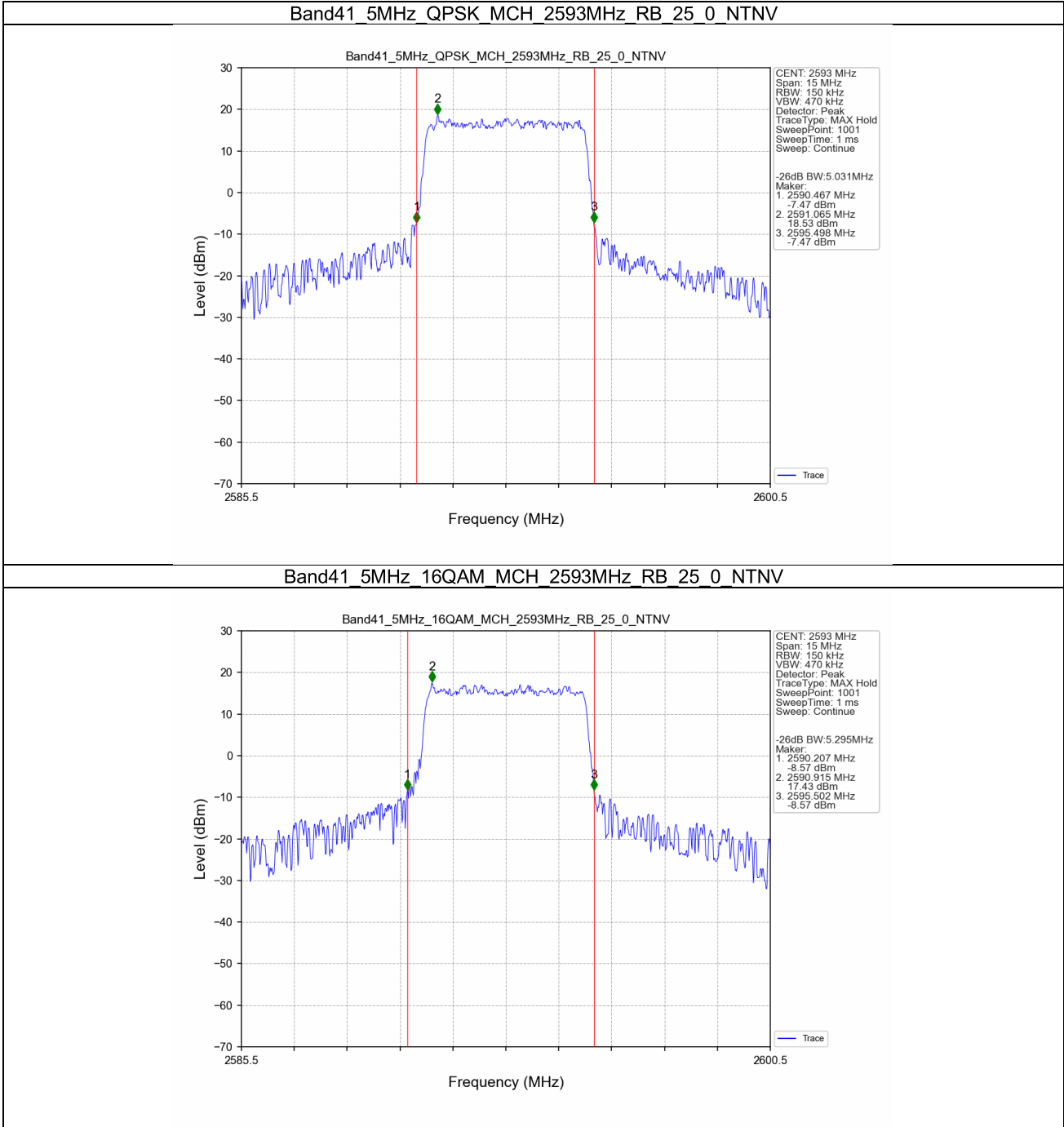
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



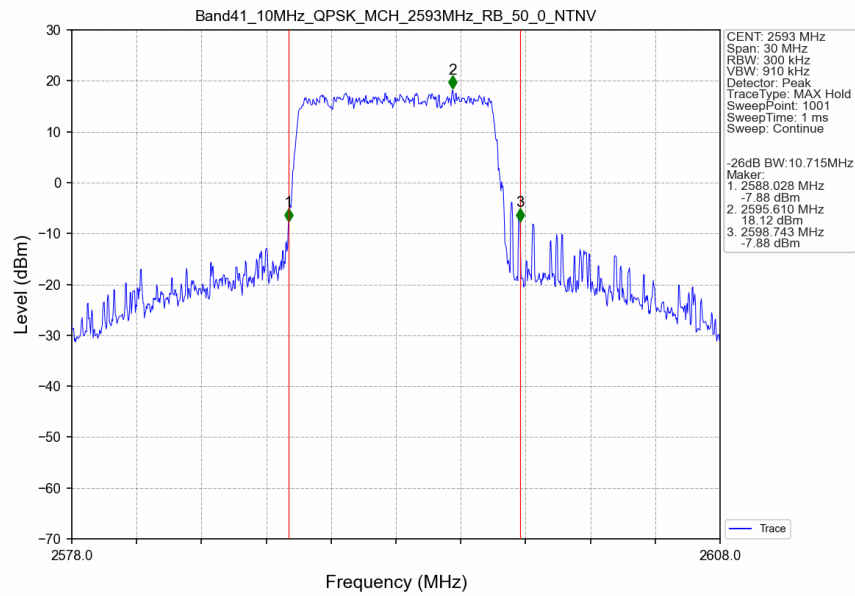
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



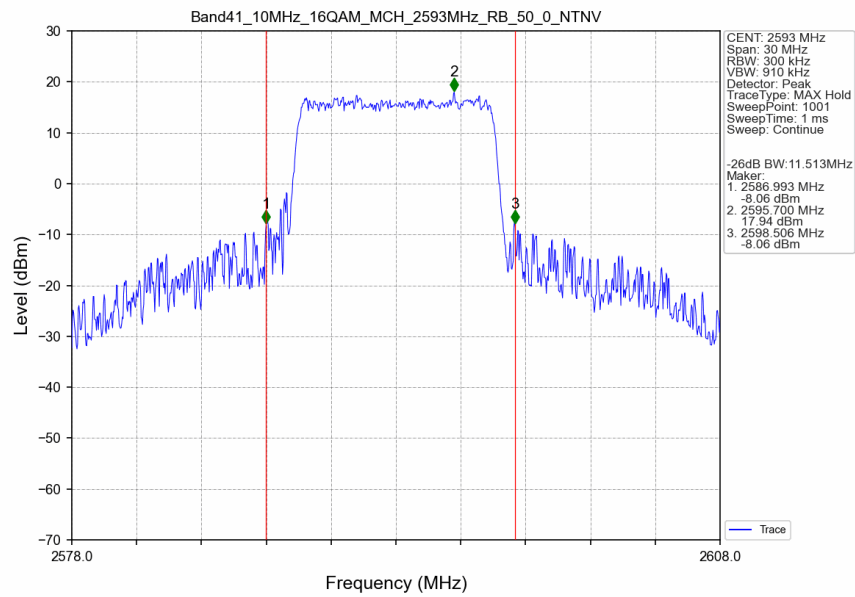
3.2.2 Band41_XDB



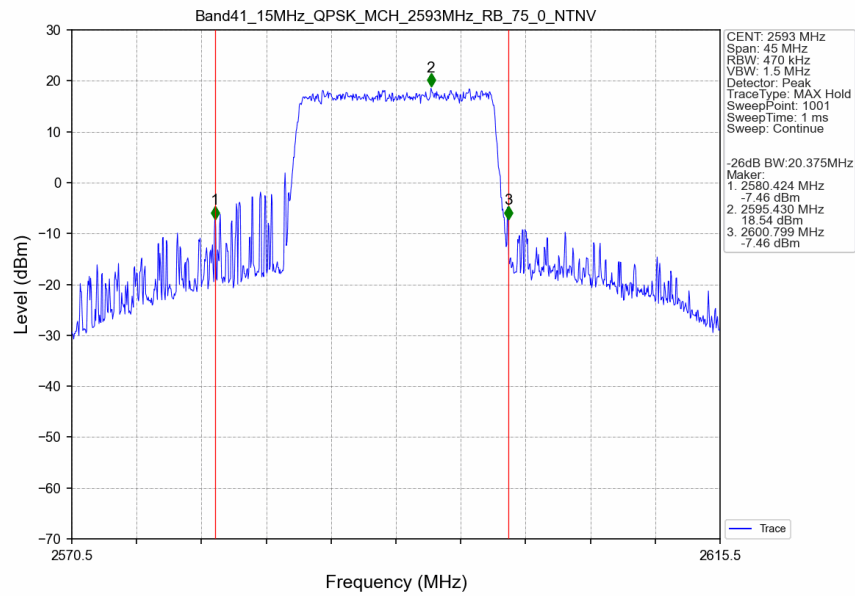
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



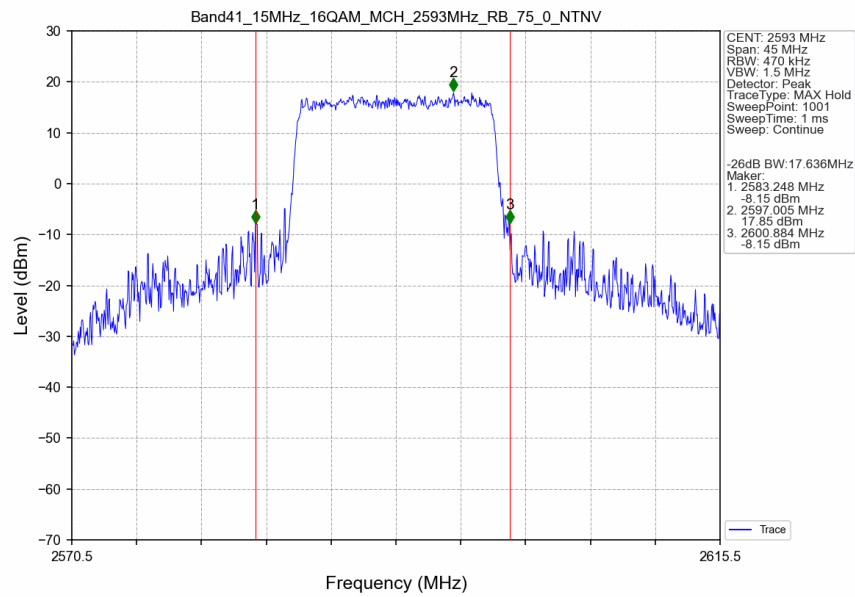
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



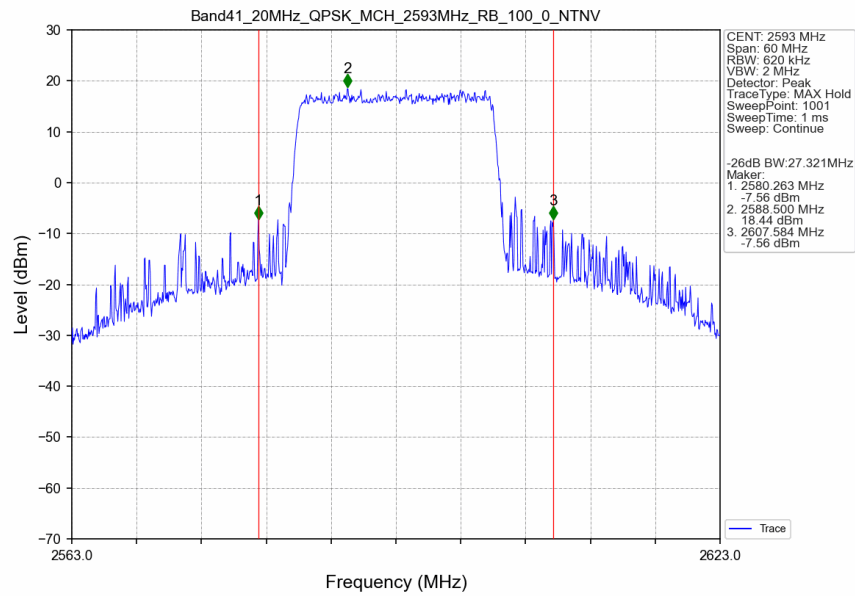
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



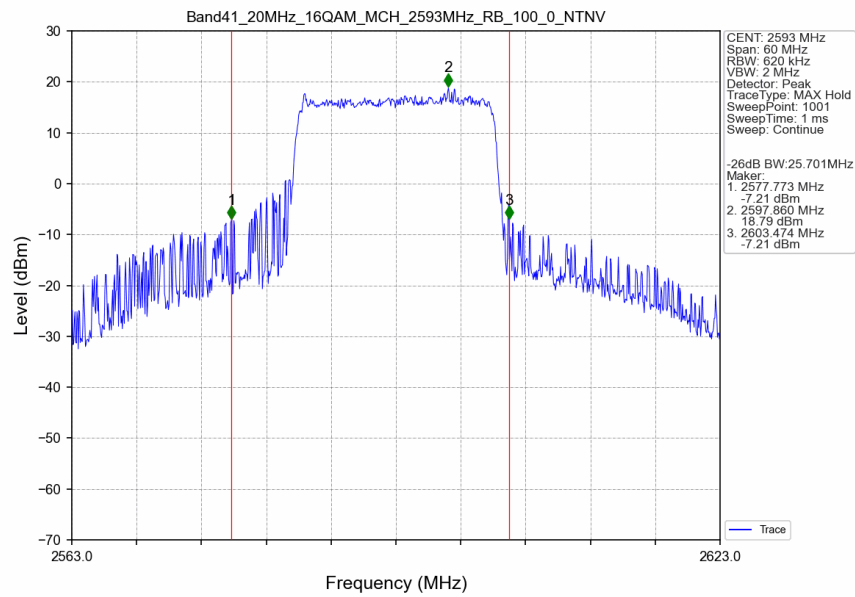
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



4. Peak-Average Ratio

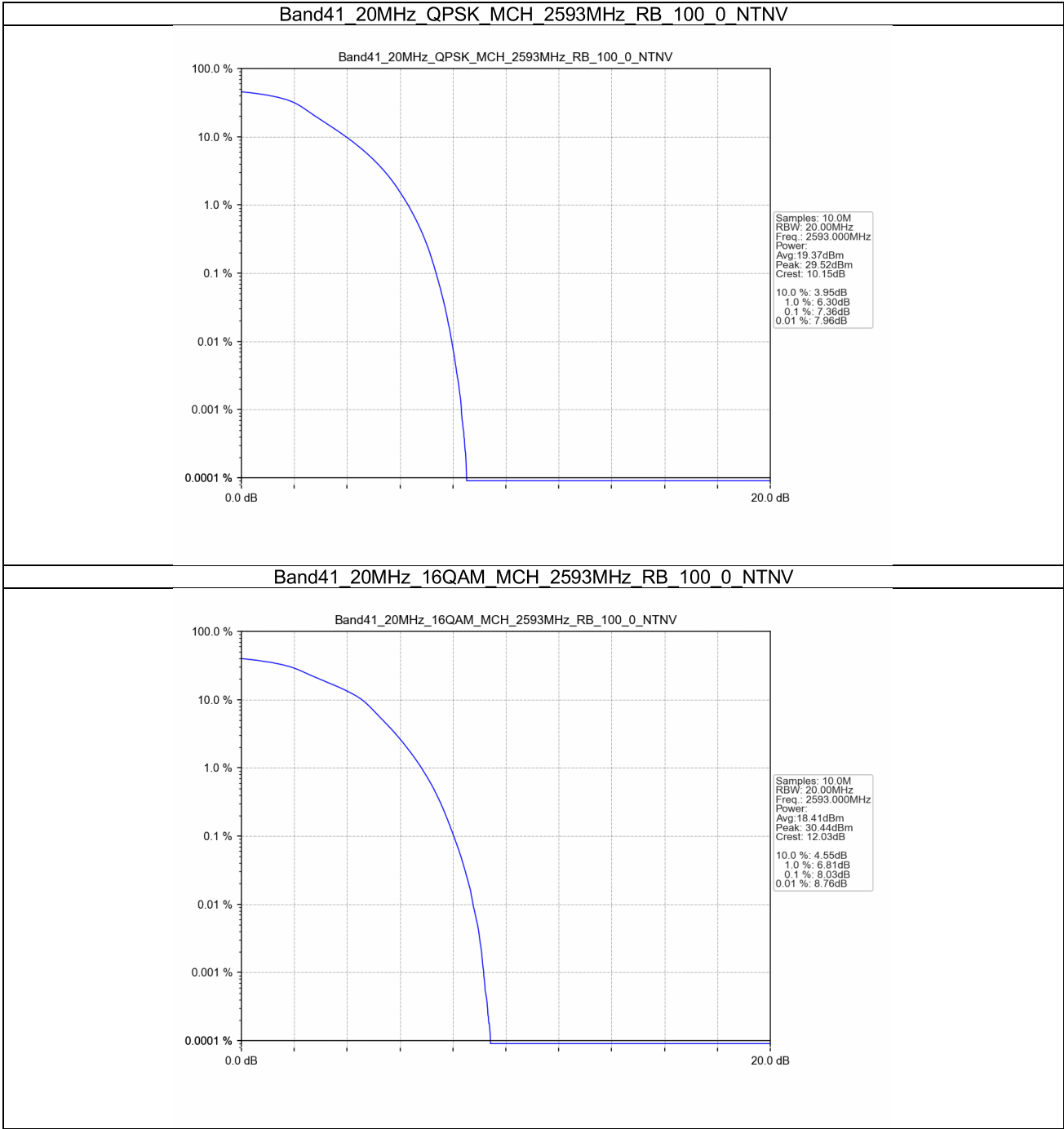
4.1 Test Result

4.1.1 B41_20MHz

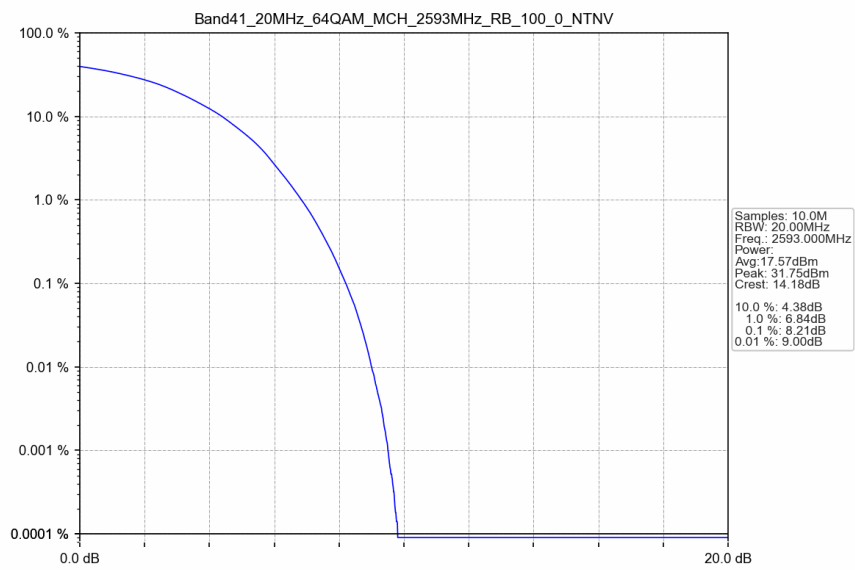
Band: 41 / Bandwidth: 20MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	7.36	<=13	Pass
16QAM	2593	100	0	8.03	<=13	Pass
64QAM	2593	100	0	8.21	<=13	Pass

4.2 Test Graph

4.2.1 B41_20MHz



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTN						
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
			0	Refer To Test Graph		Pass
	2687.5	1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTN						
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
			0	Refer To Test Graph		Pass
	2685	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B41_15MHz

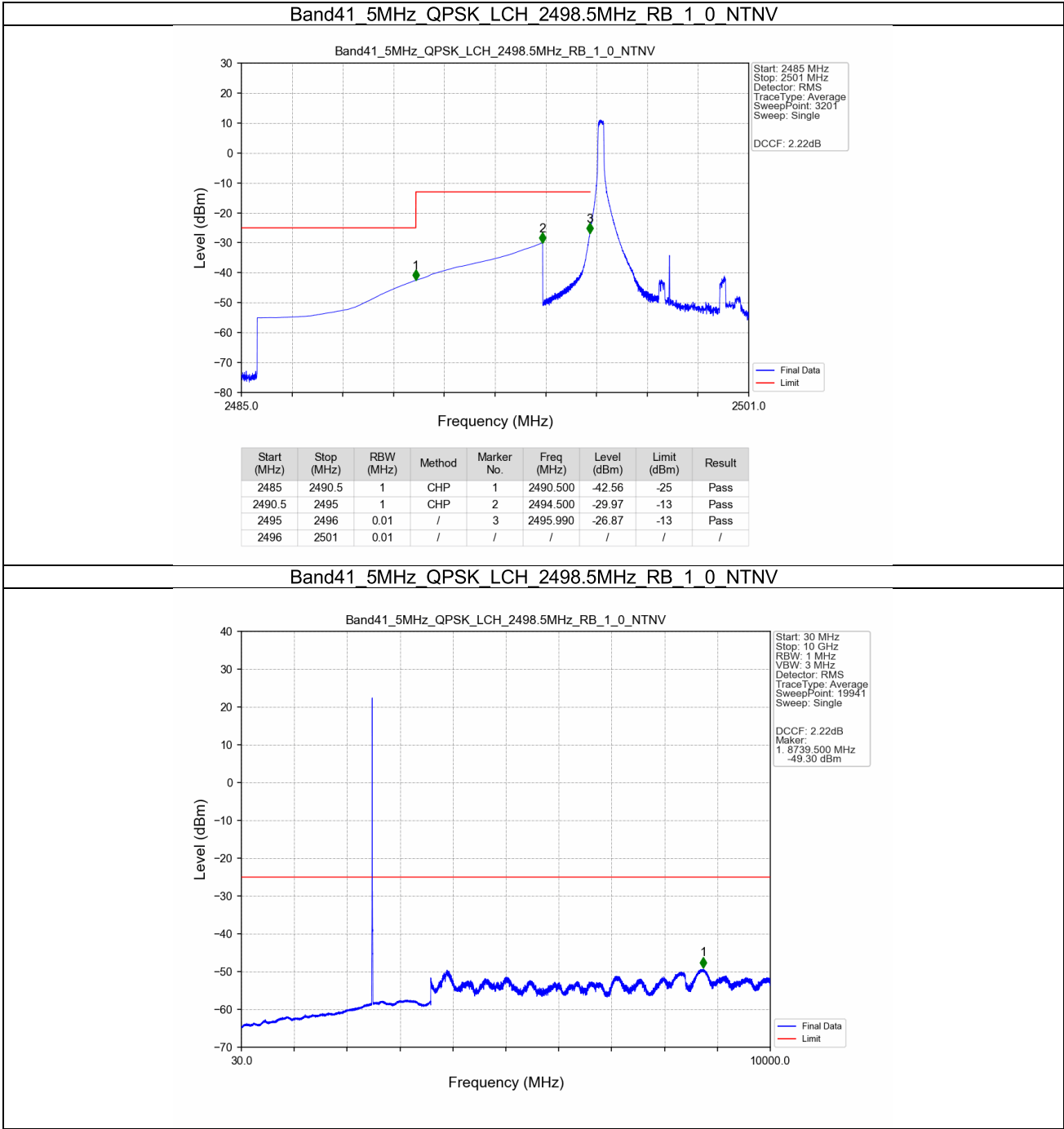
Band: 41 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
	2682.5	1	74	Refer To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

5.1.4 B41_20MHz

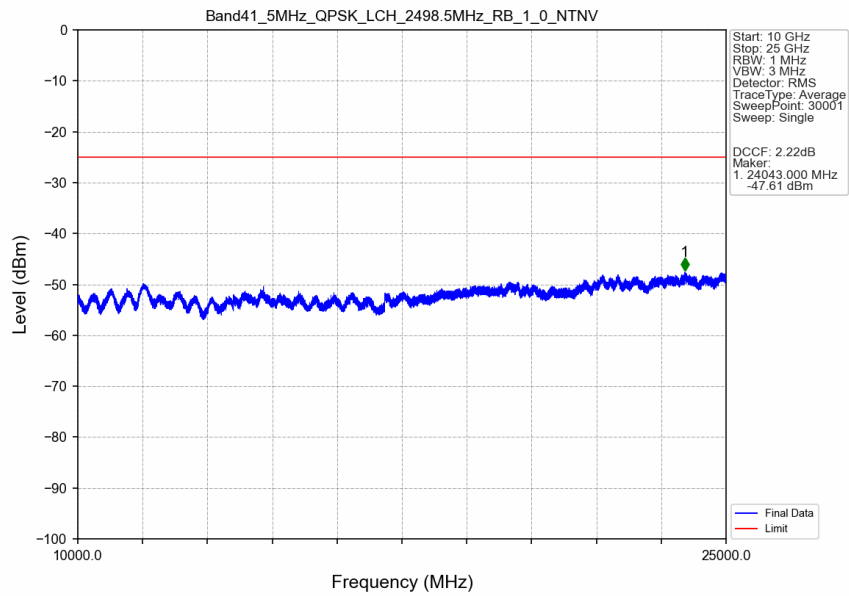
Band: 41 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
	2680	1	99	Refer To Test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

5.2 Test Graph

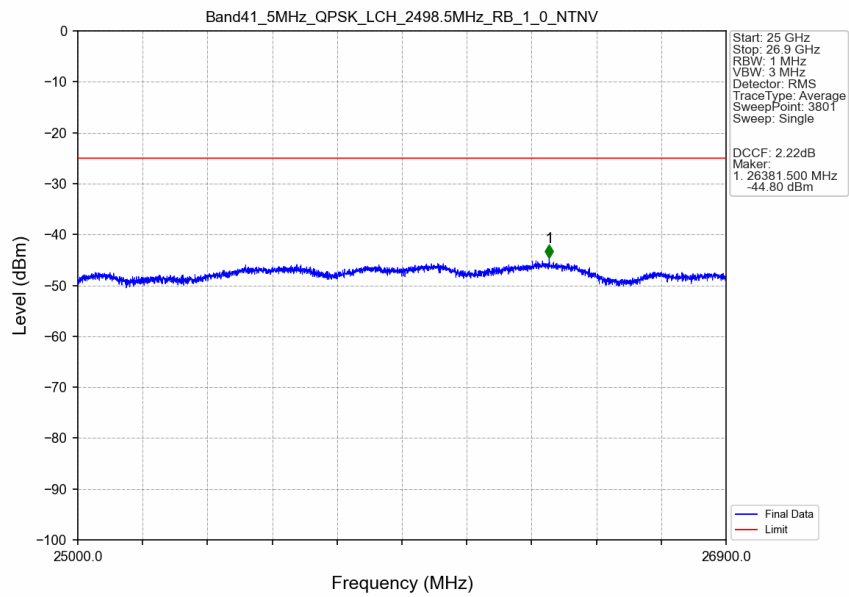
5.2.1 B41_5MHz



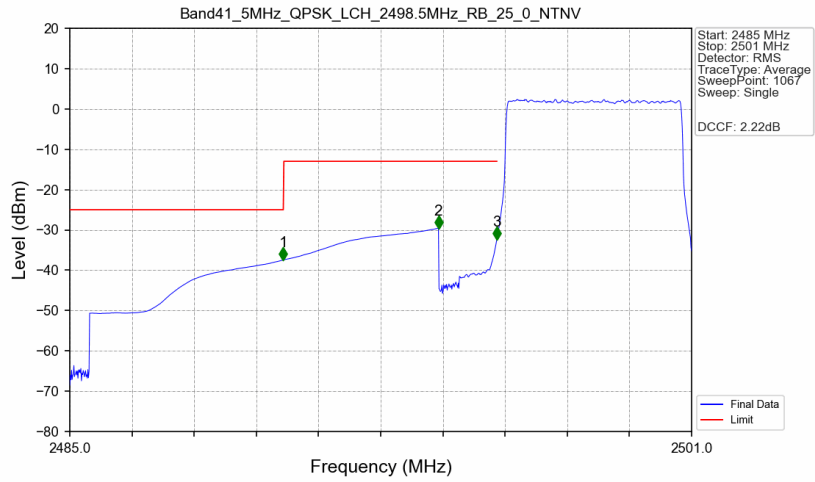
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

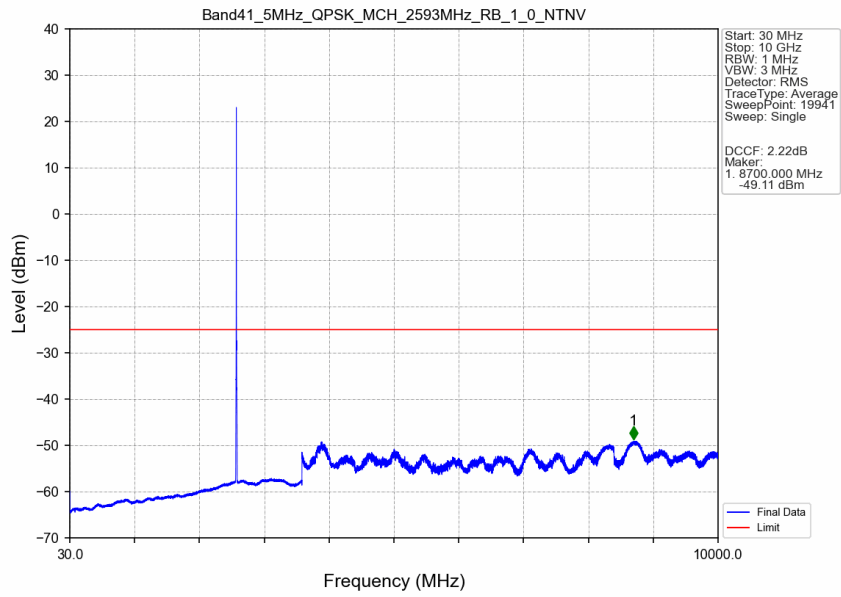


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

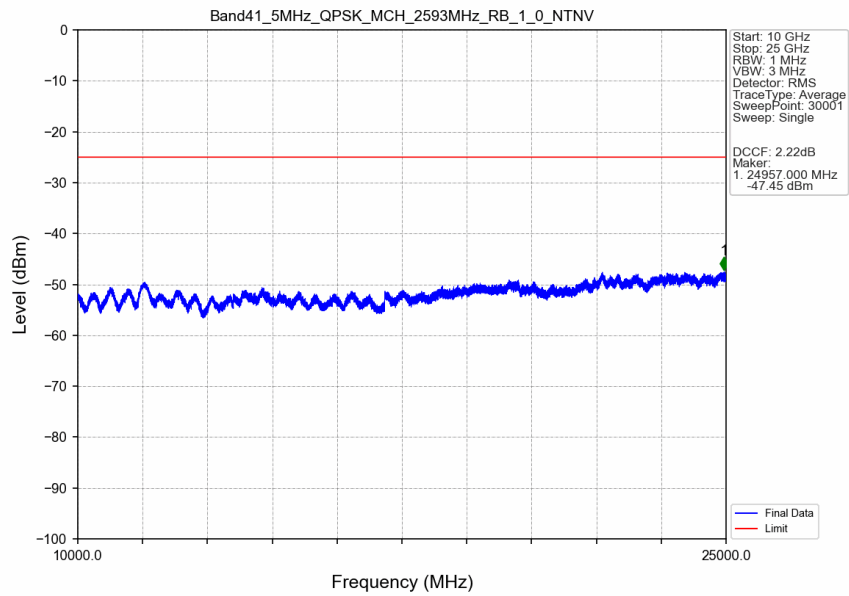


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-37.46	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-29.59	-13	Pass
2495	2496	0.05	CHP	3	2495.987	-32.44	-13	Pass
2496	2501	0.05	CHP	/	/	/	/	/

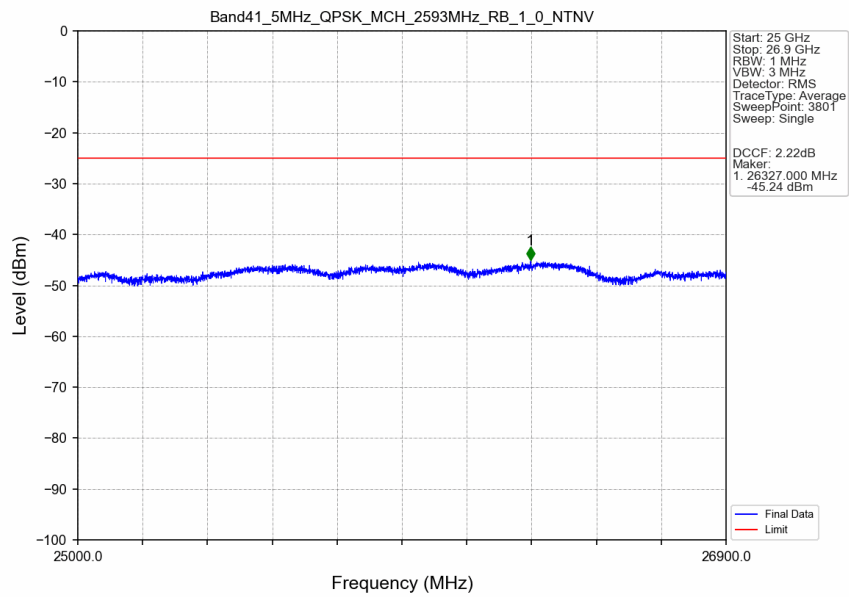
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



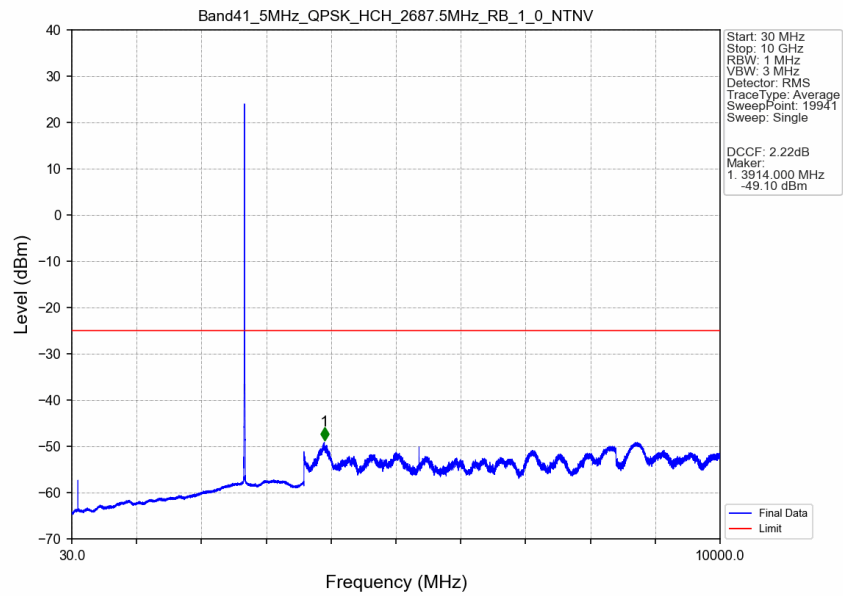
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



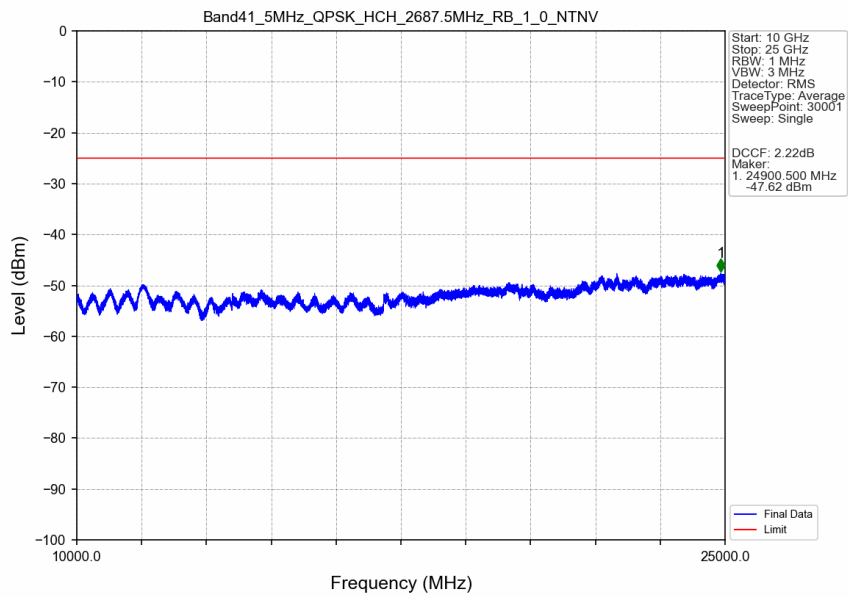
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



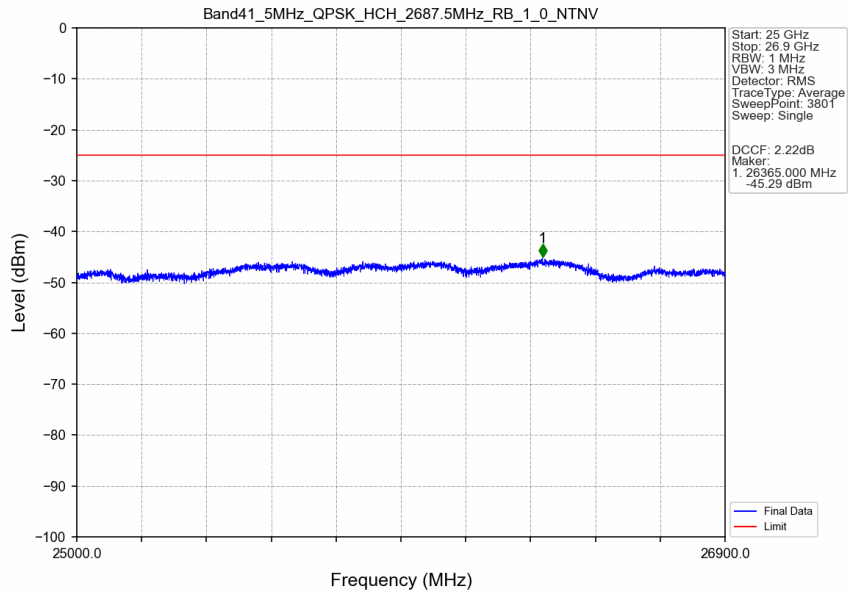
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



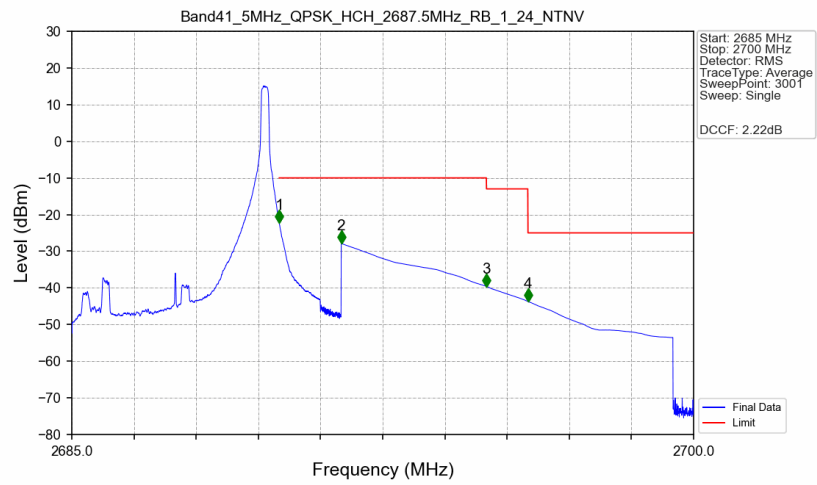
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

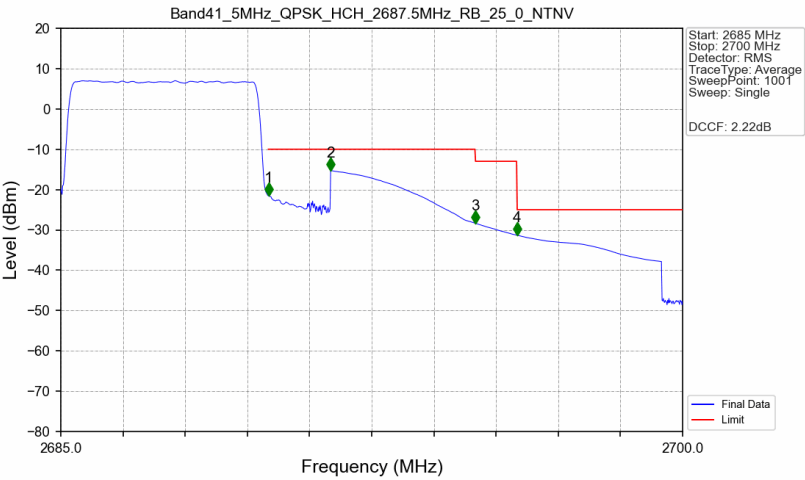


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



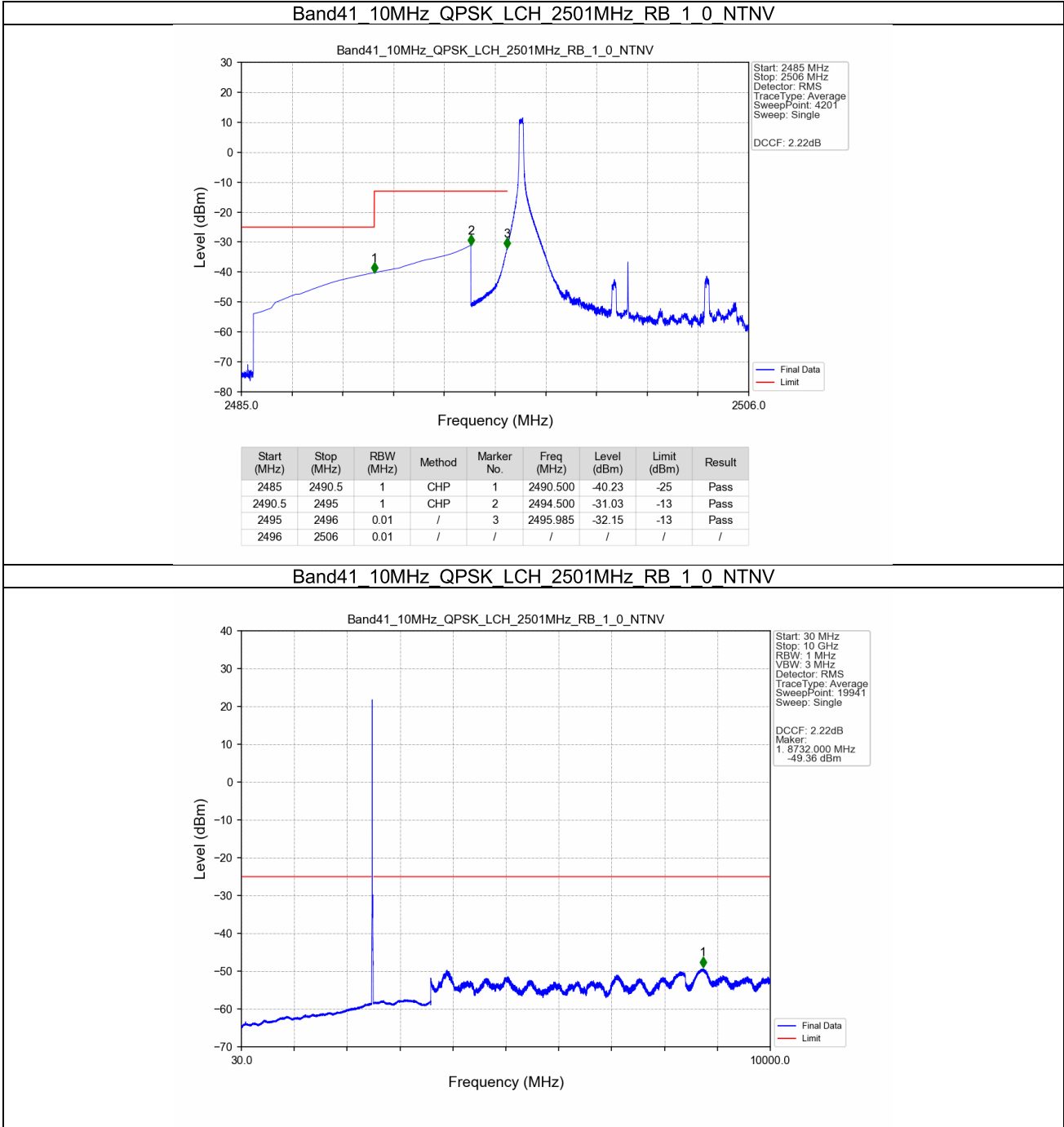
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-22.31	-10	Pass
2691	2695	1	CHP	2	2691.500	-27.86	-10	Pass
2695	2696	1	CHP	3	2695.005	-39.59	-13	Pass
2696	2700	1	CHP	4	2696.005	-43.72	-25	Pass

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV

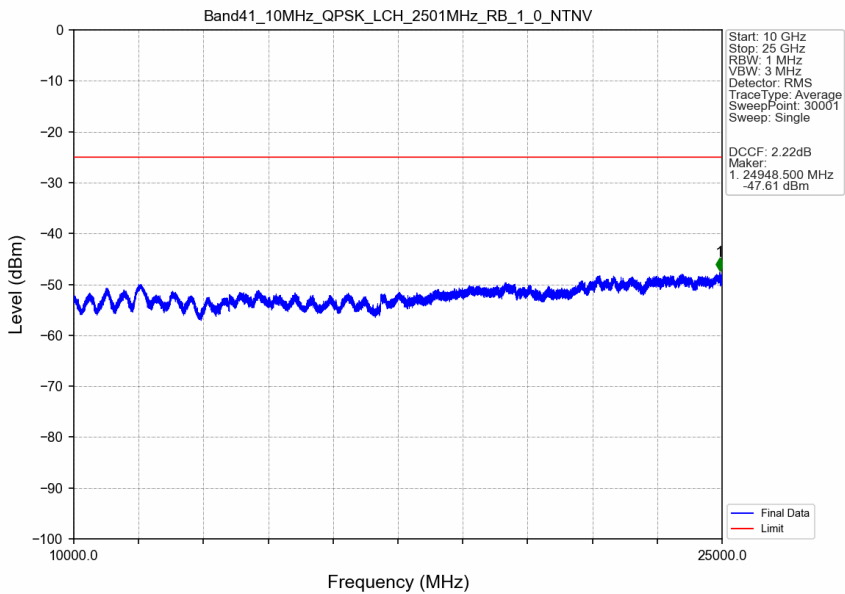


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.101	CHP	/	/	/	/	/
2690	2691	0.101	CHP	1	2690.010	-21.56	-10	Pass
2691	2695	1	CHP	2	2691.510	-15.30	-10	Pass
2695	2696	1	CHP	3	2695.005	-28.38	-13	Pass
2696	2700	1	CHP	4	2696.010	-31.34	-25	Pass

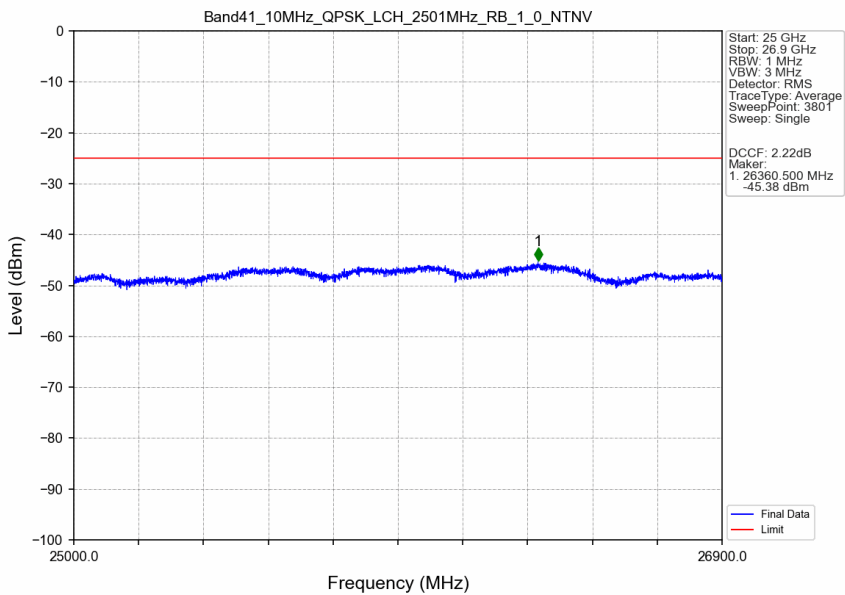
5.2.2 B41_10MHz



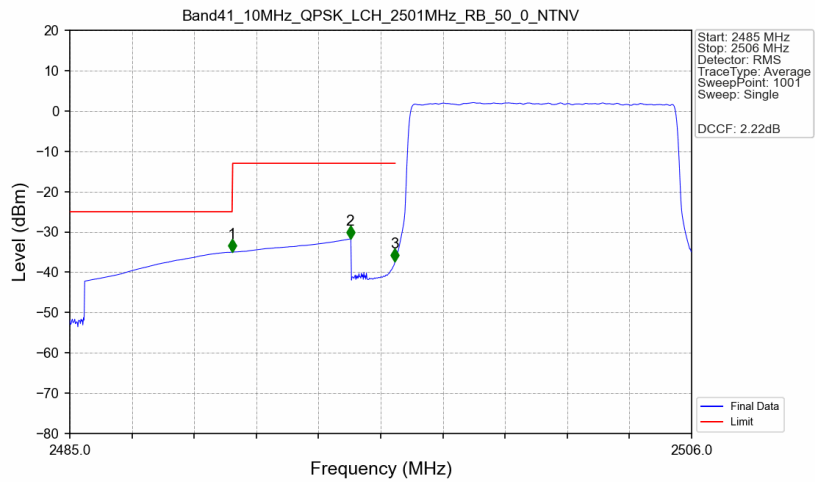
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

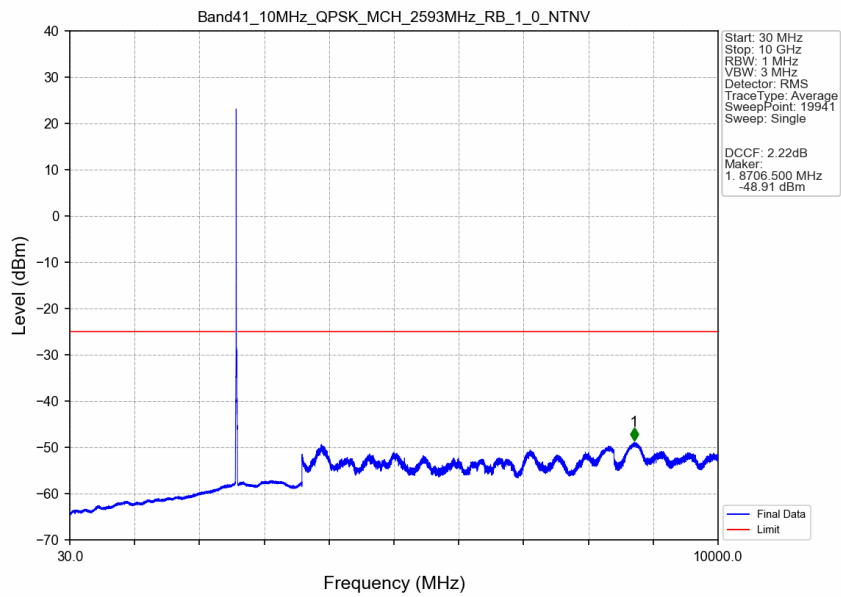


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

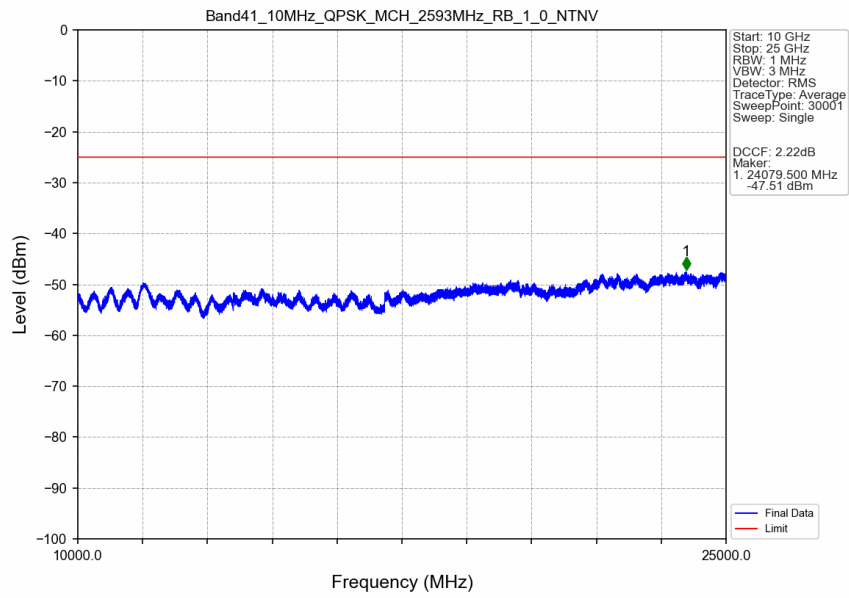


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.481	-35.03	-25	Pass
2490.5	2495	1	CHP	2	2494.471	-31.74	-13	Pass
2495	2496	0.107	CHP	3	2495.983	-37.38	-13	Pass
2496	2506	0.107	CHP	/	/	/	/	/

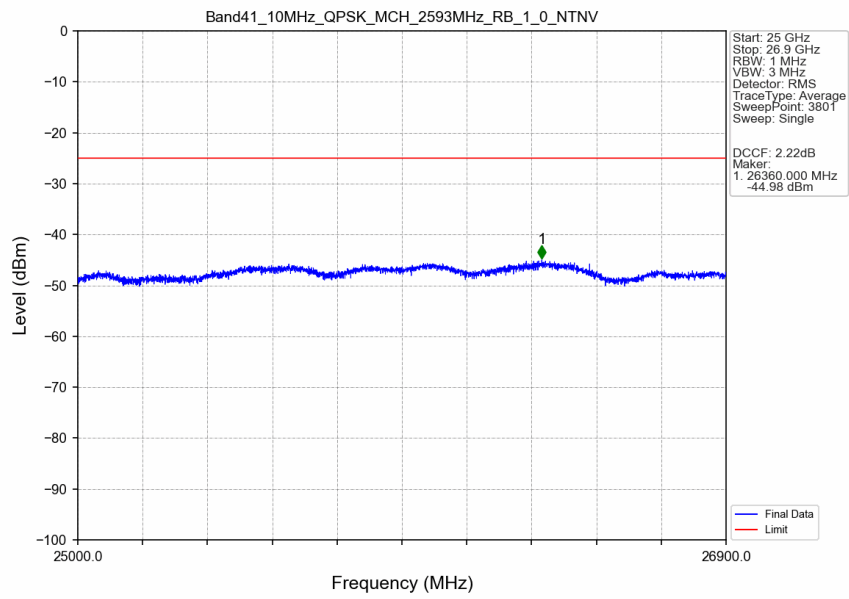
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



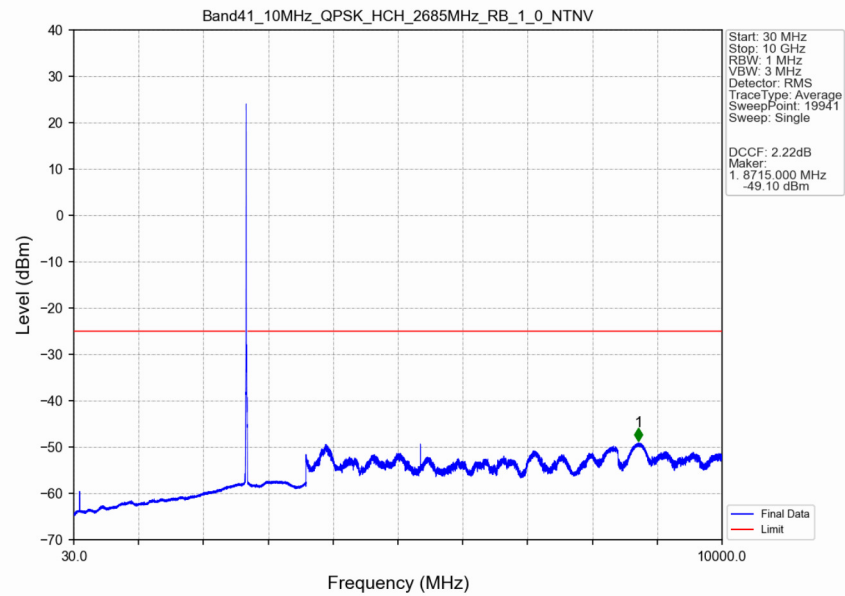
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



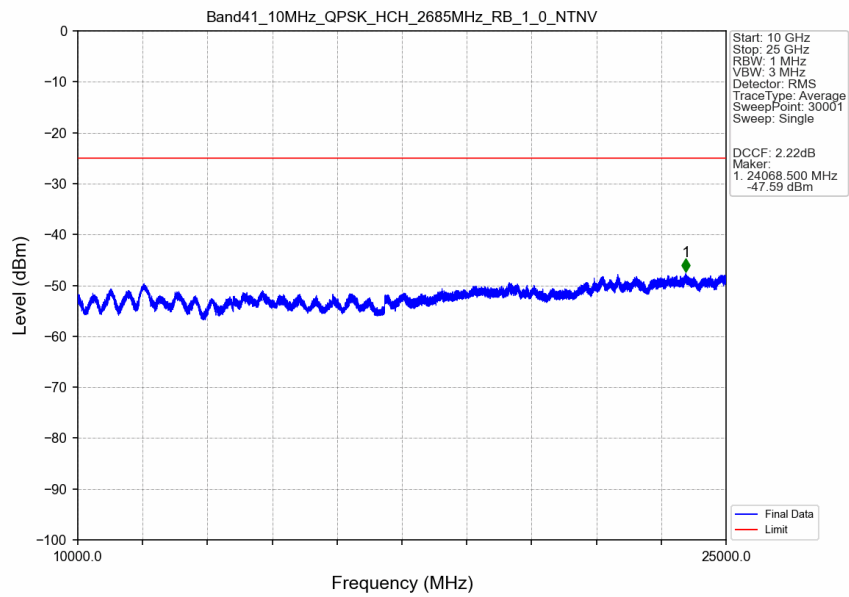
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



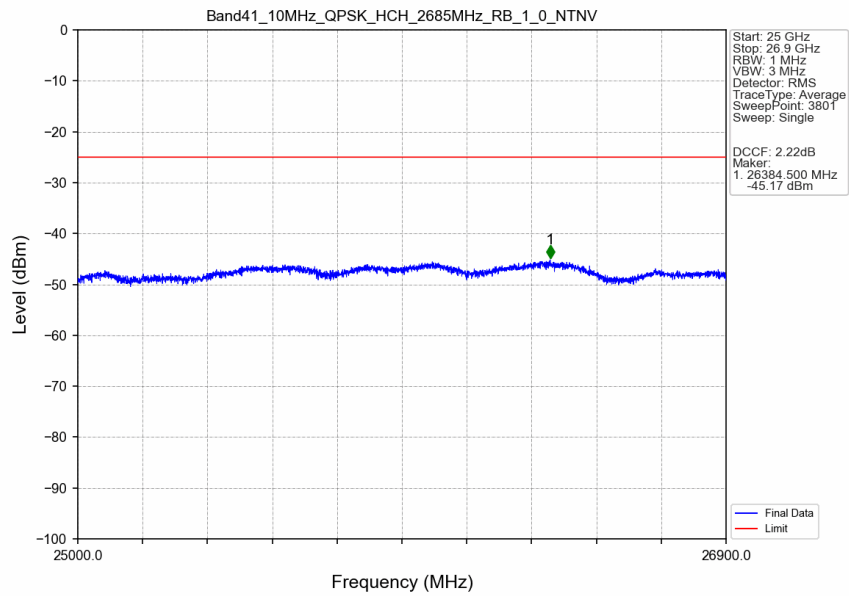
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



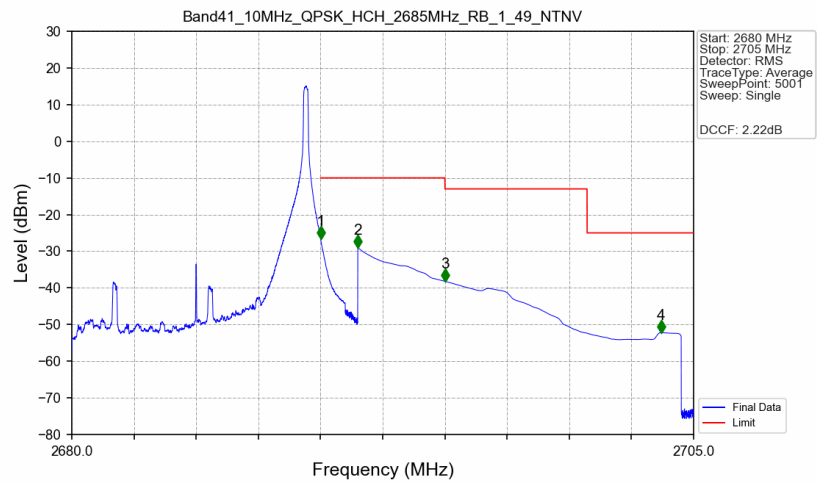
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

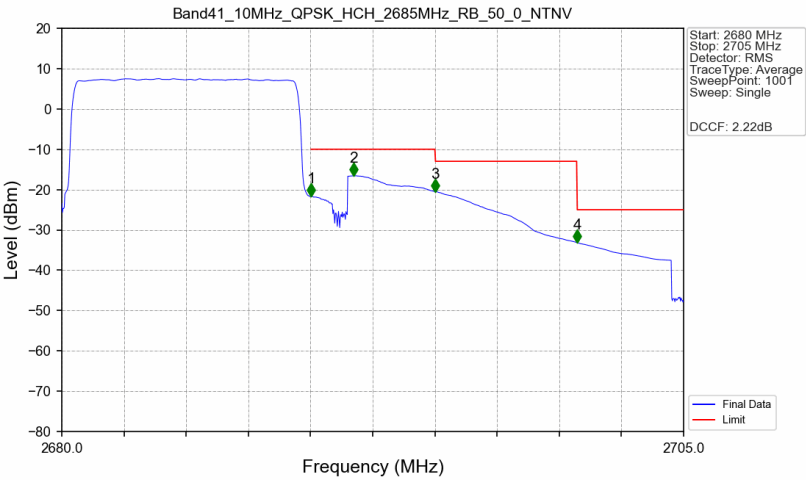


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



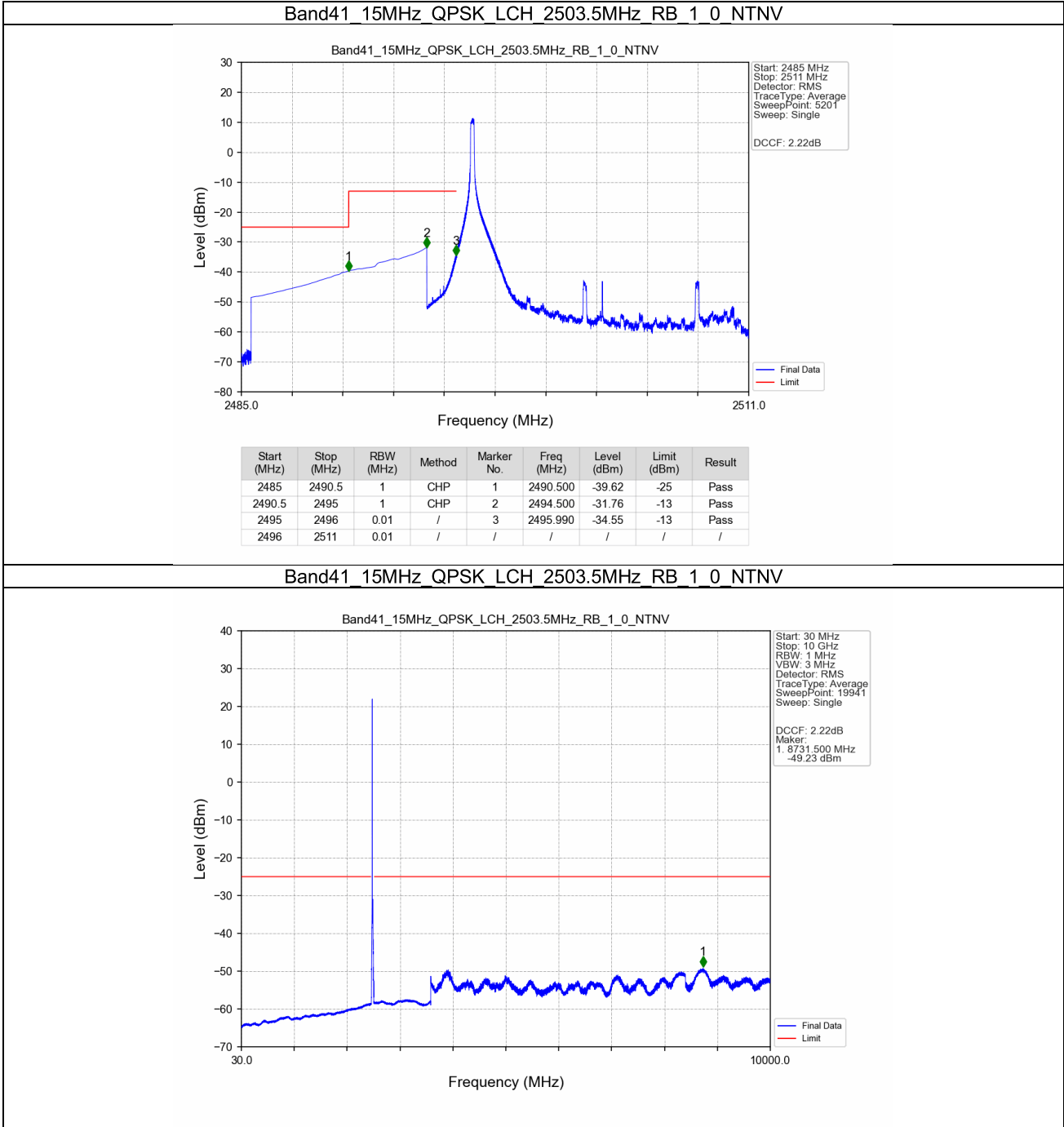
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-26.61	-10	Pass
2691	2695	1	CHP	2	2691.500	-29.09	-10	Pass
2695	2700.715	1	CHP	3	2695.005	-38.22	-13	Pass
2700.715	2705	1	CHP	4	2703.695	-52.21	-25	Pass

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV

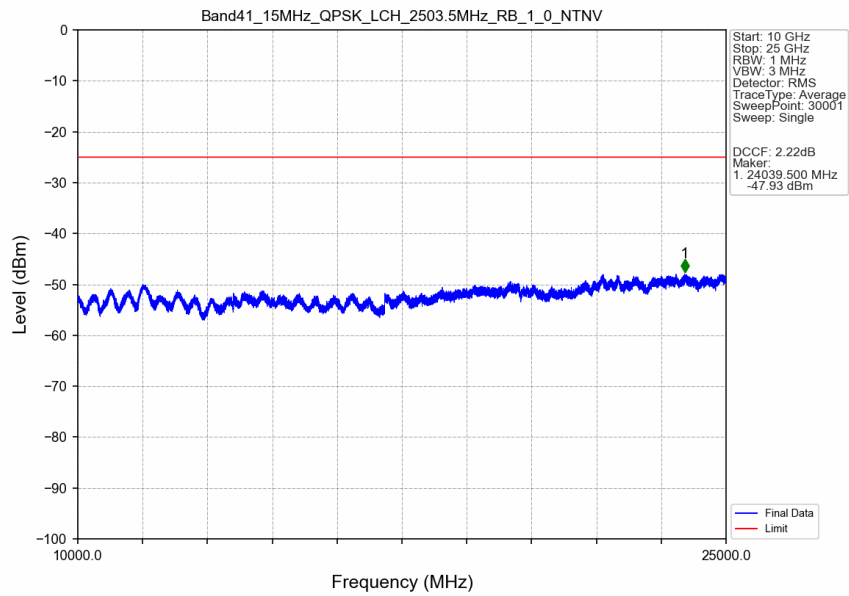


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.214	CHP	/	/	/	/	/
2690	2691	0.214	CHP	1	2690.025	-21.59	-10	Pass
2691	2695	1	CHP	2	2691.725	-16.58	-10	Pass
2695	2700.715	1	CHP	3	2695.025	-20.50	-13	Pass
2700.715	2705	1	CHP	4	2700.725	-33.16	-25	Pass

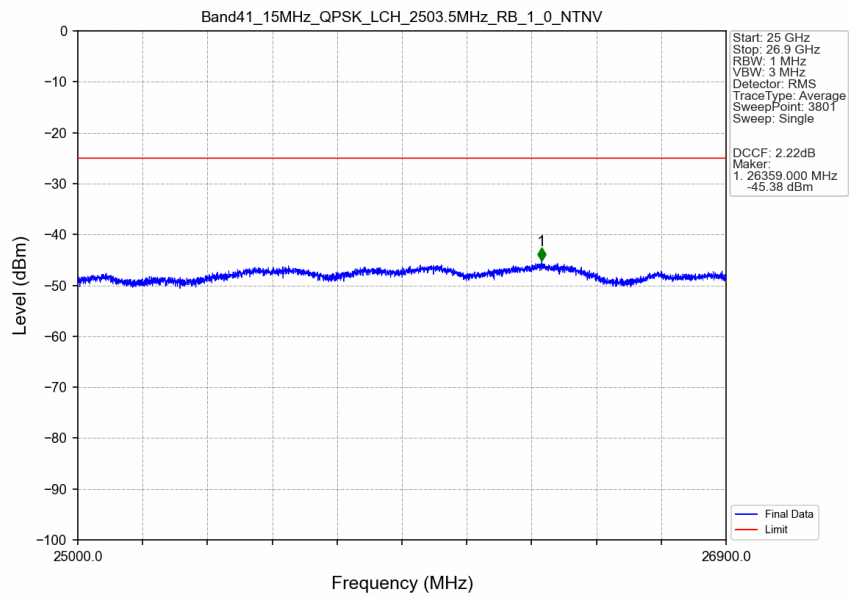
5.2.3 B41_15MHz



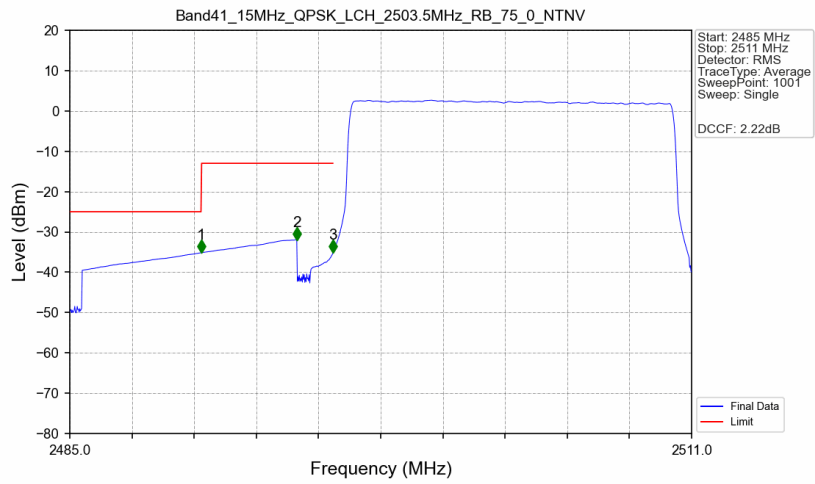
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

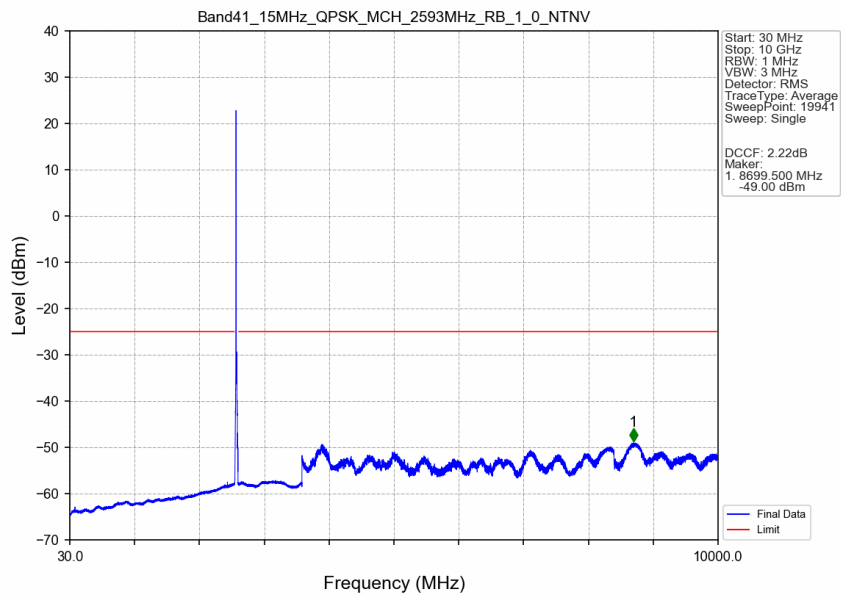


Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV

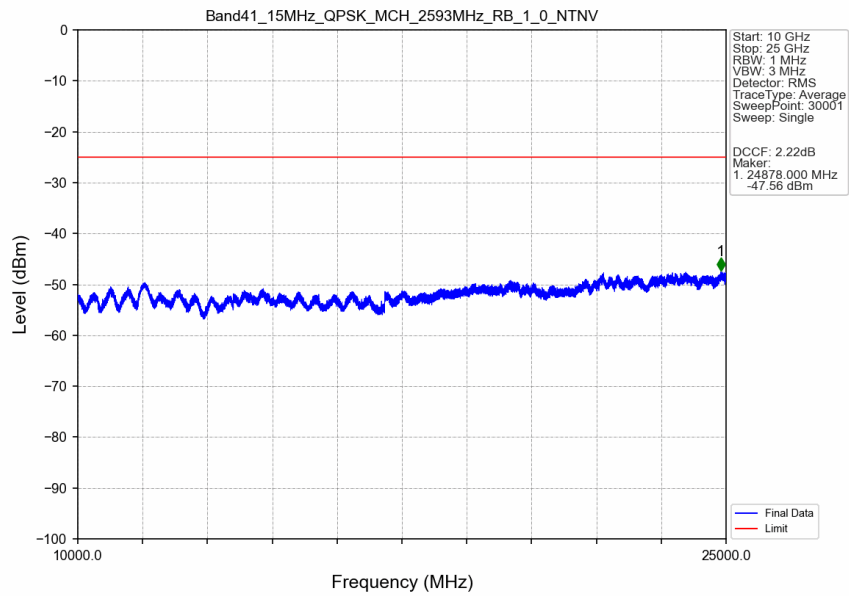


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.486	-35.18	-25	Pass
2490.5	2495	1	CHP	2	2494.490	-31.97	-13	Pass
2495	2496	0.176	CHP	3	2495.998	-35.22	-13	Pass
2496	2511	0.176	CHP	/	/	/	/	/

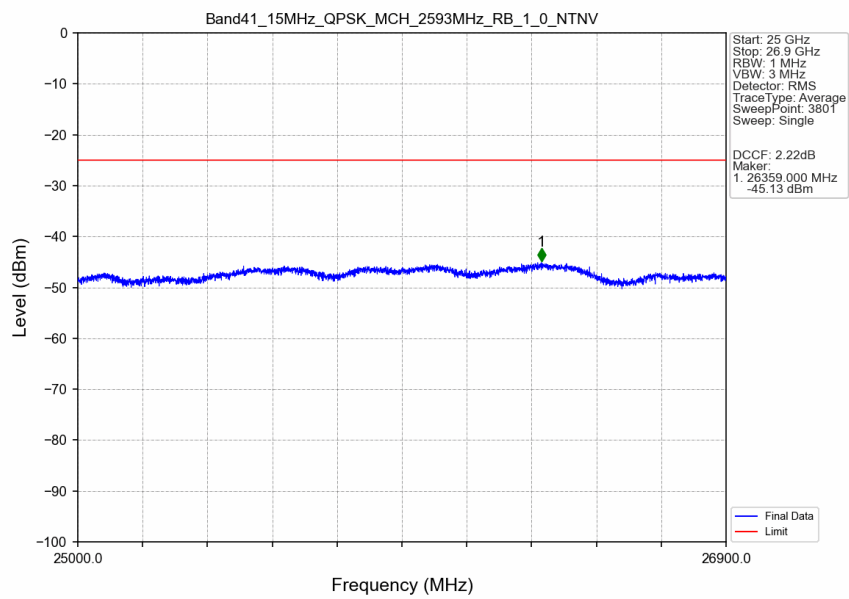
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



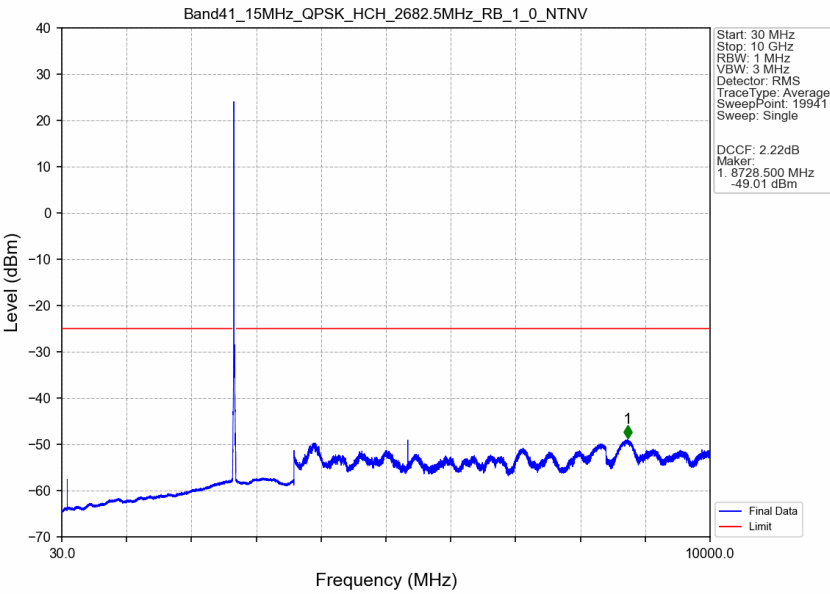
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



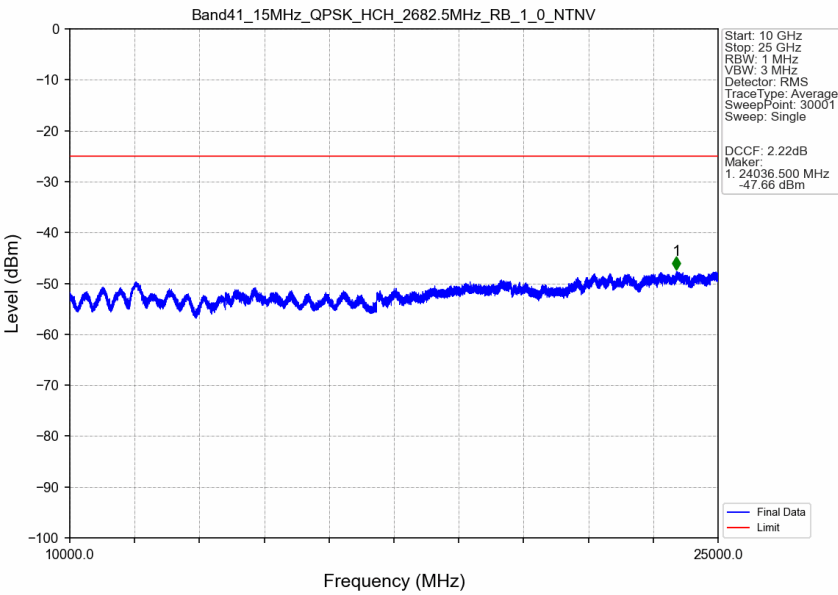
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



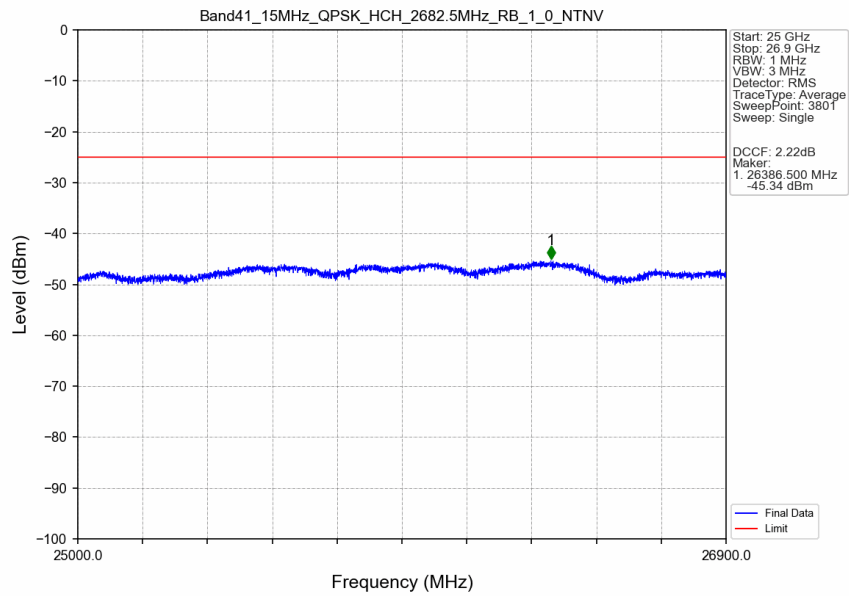
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



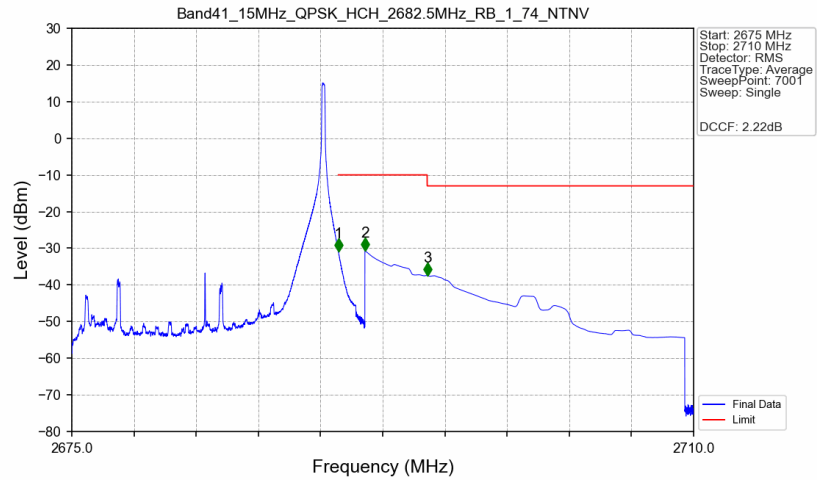
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

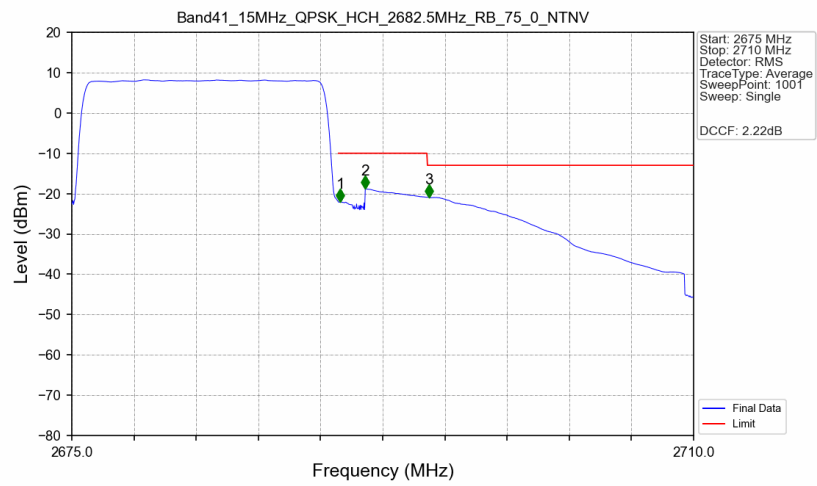


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



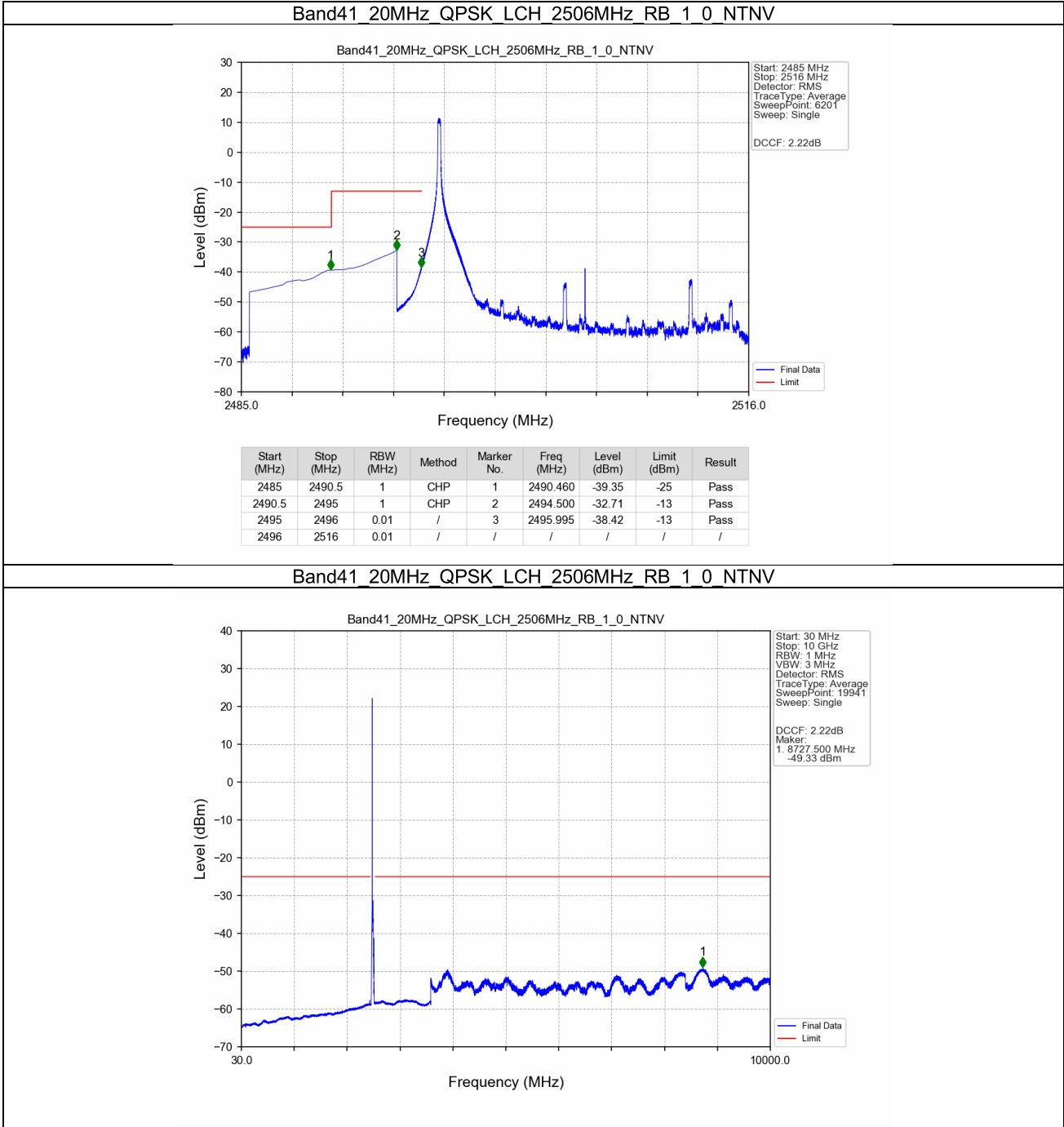
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.010	-30.94	-10	Pass
2691	2695	1	CHP	2	2691.500	-30.61	-10	Pass
2695	2710	1	CHP	3	2695.005	-37.48	-13	Pass

Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV

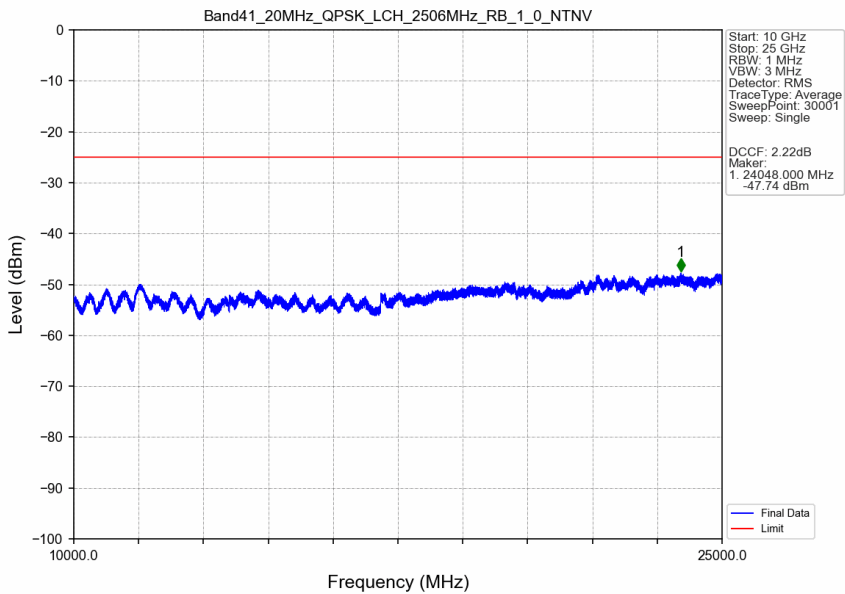


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.408	CHP	/	/	/	/	/
2690	2691	0.408	CHP	1	2690.120	-22.07	-10	Pass
2691	2695	1	CHP	2	2691.520	-18.78	-10	Pass
2695	2710	1	CHP	3	2695.090	-20.90	-13	Pass

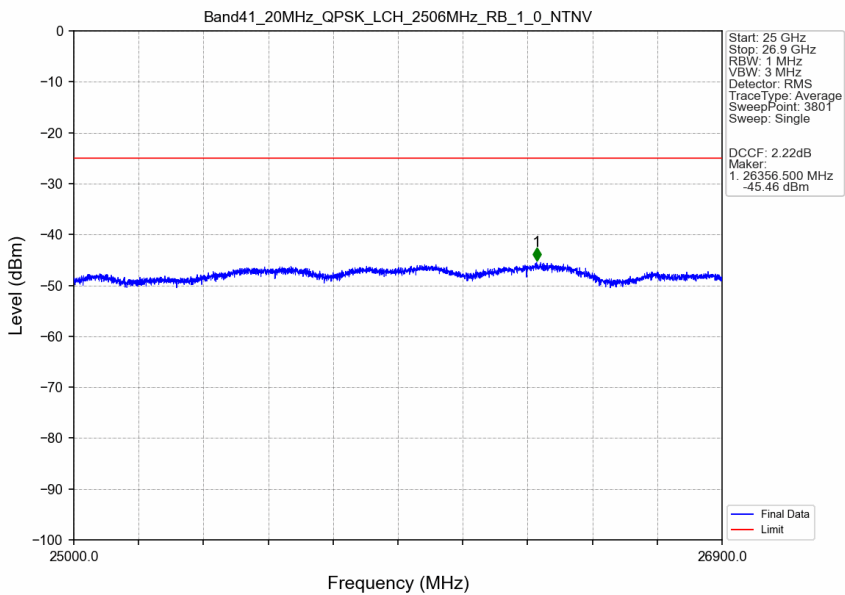
5.2.4 B41_20MHz



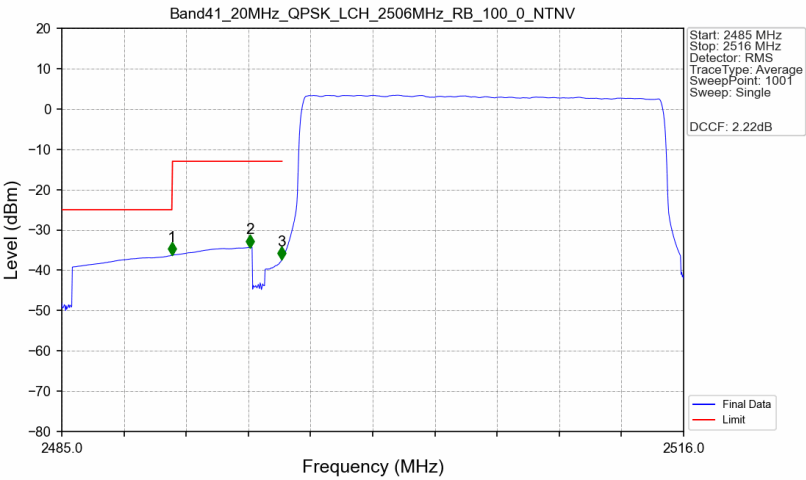
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

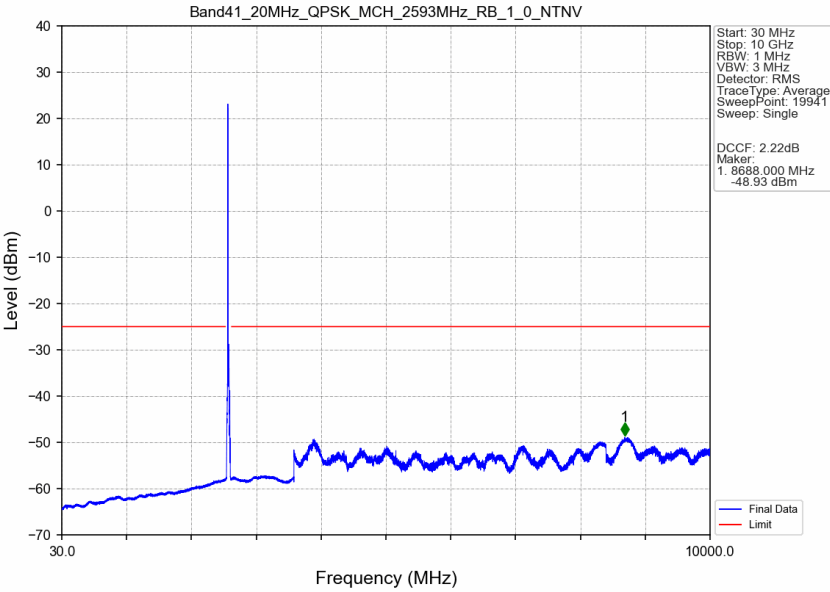


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

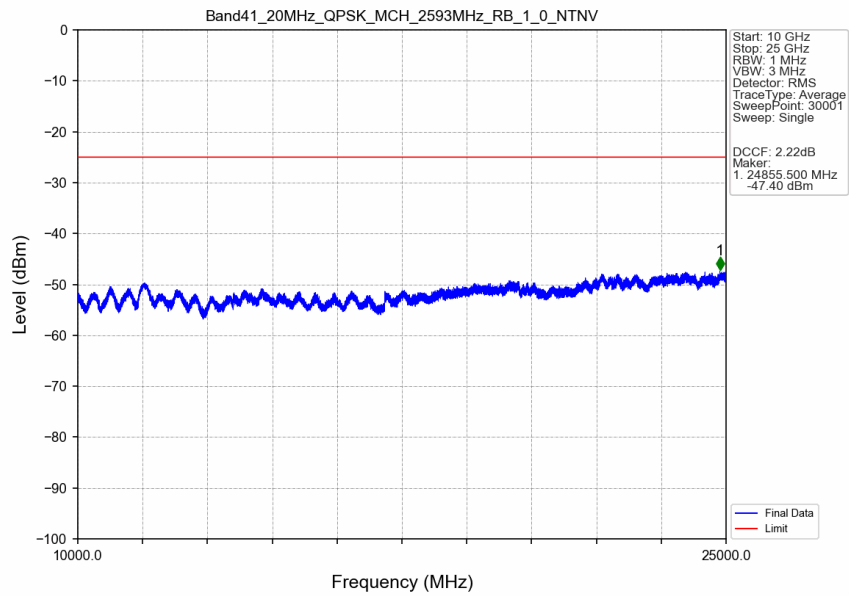


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.487	-36.31	-25	Pass
2490.5	2495	1	CHP	2	2494.393	-34.32	-13	Pass
2495	2496	0.273	CHP	3	2495.974	-37.35	-13	Pass
2496	2516	0.273	CHP	/	/	/	/	/

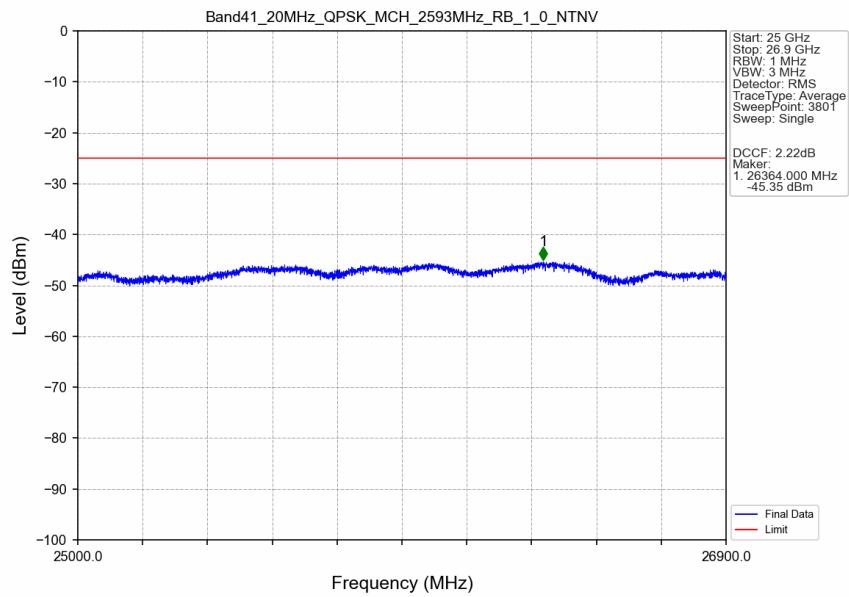
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



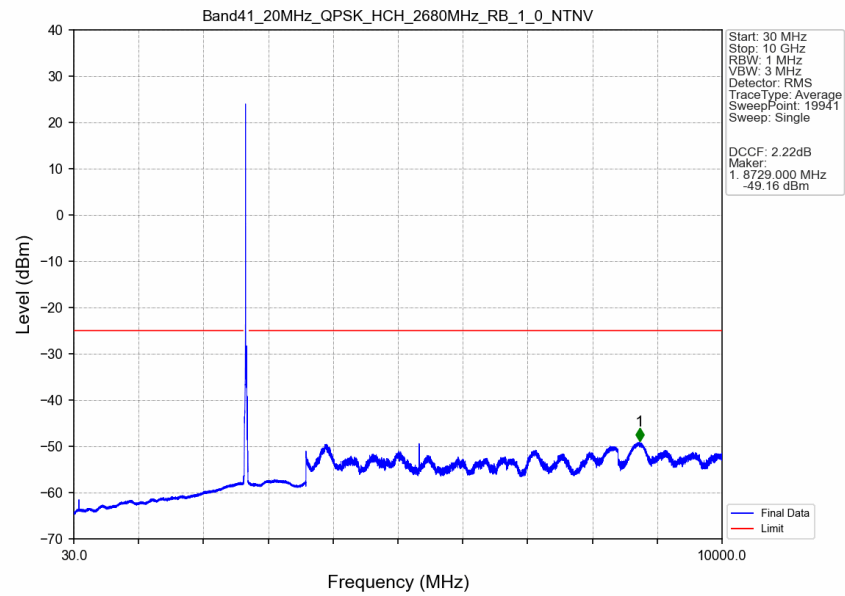
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



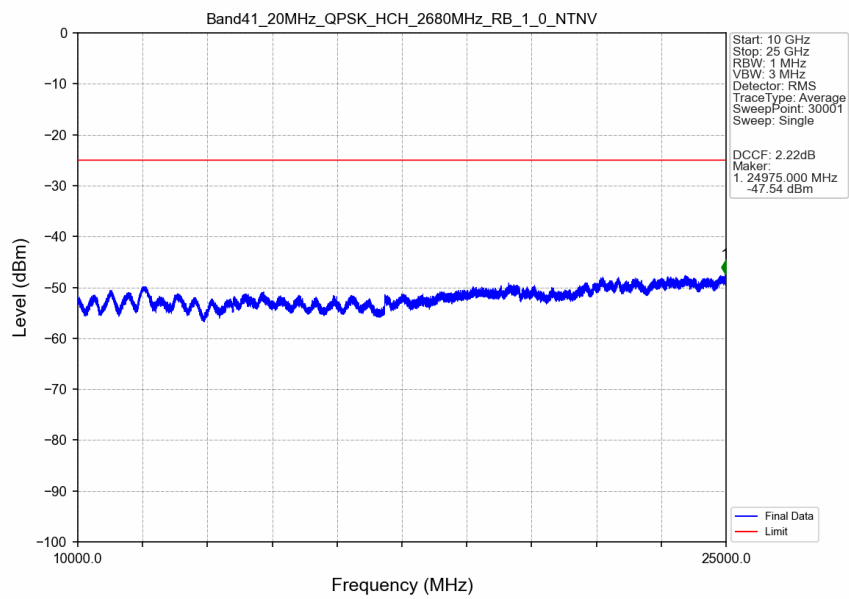
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



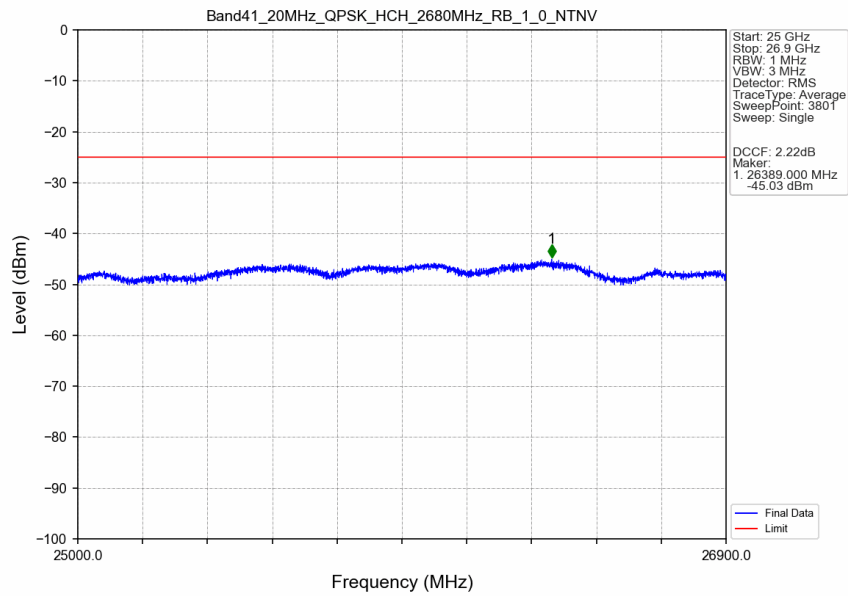
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



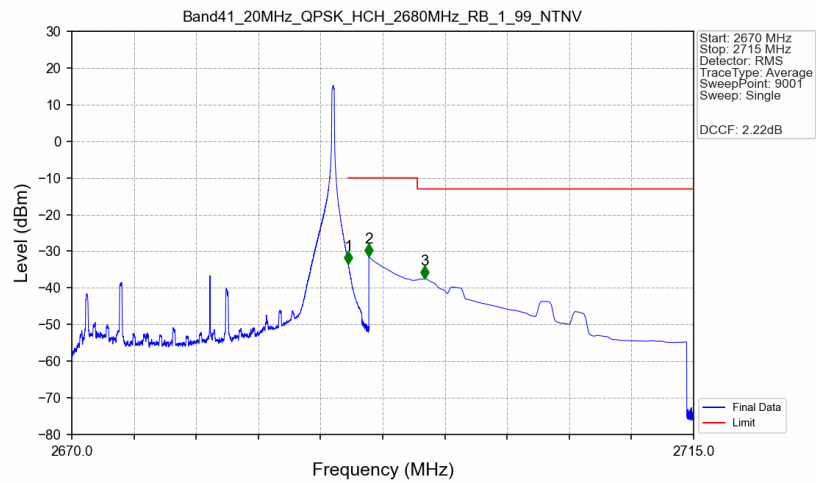
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

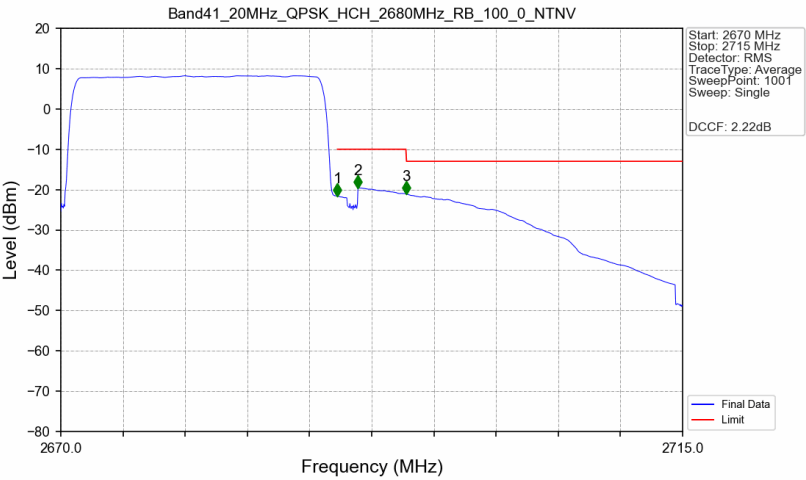


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-33.47	-10	Pass
2691	2695	1	CHP	2	2691.500	-31.51	-10	Pass
2695	2715	1	CHP	3	2695.535	-37.48	-13	Pass

Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.546	CHP	/	/	/	/	/
2690	2691	0.546	CHP	1	2690.025	-21.59	-10	Pass
2691	2695	1	CHP	2	2691.510	-19.60	-10	Pass
2695	2715	1	CHP	3	2695.020	-21.04	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 41-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4994.0	-53.95	-25	-28.95	-59.51	4.57	10.13	Horizontal	Pass
7491.0	-55.93	-25	-30.93	-62.72	4.94	11.73	Horizontal	Pass
9988.0	-54.2	-25	-29.2	-61.78	5.46	13.04	Horizontal	Pass
4994.0	-52.68	-25	-27.68	-58.24	4.57	10.13	Vertical	Pass
7491.0	-55.3	-25	-30.3	-62.09	4.94	11.73	Vertical	Pass
9988.0	-51.93	-25	-26.93	-59.51	5.46	13.04	Vertical	Pass

LTE Band 41-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5168.0	-53.15	-25	-28.15	-58.77	4.62	10.24	Horizontal	Pass
7752.0	-57.07	-25	-32.07	-64.15	4.96	12.04	Horizontal	Pass
10336.0	-53.65	-25	-28.65	-61.23	5.51	13.09	Horizontal	Pass
5168.0	-53.29	-25	-28.29	-58.91	4.62	10.24	Vertical	Pass
7752.0	-56.53	-25	-31.53	-63.61	4.96	12.04	Vertical	Pass
10336.0	-55.43	-25	-30.43	-63.01	5.51	13.09	Vertical	Pass

LTE Band 41-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5342.0	-54.42	-25	-29.42	-60.09	4.68	10.35	Horizontal	Pass
8013.0	-56.18	-25	-31.18	-63.55	4.98	12.35	Horizontal	Pass
10684.0	-55.18	-25	-30.18	-62.73	5.63	13.18	Horizontal	Pass
5342.0	-53.25	-25	-28.25	-58.92	4.68	10.35	Vertical	Pass
8013.0	-56.39	-25	-31.39	-63.76	4.98	12.35	Vertical	Pass
10684.0	-55.3	-25	-30.3	-62.85	5.63	13.18	Vertical	Pass