

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	23.86	3.00	26.86	<=33.01	Pass
			13	23.84	3.00	26.84	<=33.01	Pass
			24	23.78	3.00	26.78	<=33.01	Pass
		12	0	23.25	3.00	26.25	<=33.01	Pass
			6	23.26	3.00	26.26	<=33.01	Pass
			13	23.25	3.00	26.25	<=33.01	Pass
		25	0	23.27	3.00	26.27	<=33.01	Pass
	2593	1	0	23.95	3.00	26.95	<=33.01	Pass
			13	23.94	3.00	26.94	<=33.01	Pass
			24	23.89	3.00	26.89	<=33.01	Pass
		12	0	23.13	3.00	26.13	<=33.01	Pass
			6	23.14	3.00	26.14	<=33.01	Pass
			13	23.11	3.00	26.11	<=33.01	Pass
		25	0	23.12	3.00	26.12	<=33.01	Pass
	2687.5	1	0	23.85	3.00	26.85	<=33.01	Pass
			13	23.91	3.00	26.91	<=33.01	Pass
			24	23.82	3.00	26.82	<=33.01	Pass
		12	0	22.94	3.00	25.94	<=33.01	Pass
			6	22.98	3.00	25.98	<=33.01	Pass
			13	22.97	3.00	25.97	<=33.01	Pass
		25	0	22.98	3.00	25.98	<=33.01	Pass
16QAM	2498.5	1	0	23.17	3.00	26.17	<=33.01	Pass
			13	23.23	3.00	26.23	<=33.01	Pass
			24	23.25	3.00	26.25	<=33.01	Pass
		12	0	22.30	3.00	25.30	<=33.01	Pass
			6	22.32	3.00	25.32	<=33.01	Pass
			13	22.23	3.00	25.23	<=33.01	Pass
		25	0	22.28	3.00	25.28	<=33.01	Pass
	2593	1	0	23.20	3.00	26.20	<=33.01	Pass
			13	23.11	3.00	26.11	<=33.01	Pass
			24	23.06	3.00	26.06	<=33.01	Pass
		12	0	22.10	3.00	25.10	<=33.01	Pass
			6	22.16	3.00	25.16	<=33.01	Pass
			13	22.14	3.00	25.14	<=33.01	Pass
		25	0	22.10	3.00	25.10	<=33.01	Pass
	2687.5	1	0	22.86	3.00	25.86	<=33.01	Pass
			13	22.96	3.00	25.96	<=33.01	Pass
			24	22.93	3.00	25.93	<=33.01	Pass
		12	0	21.85	3.00	24.85	<=33.01	Pass
			6	22.00	3.00	25.00	<=33.01	Pass
			13	21.95	3.00	24.95	<=33.01	Pass
		25	0	21.97	3.00	24.97	<=33.01	Pass
64QAM	2498.5	1	0	23.18	3.00	26.18	<=33.01	Pass
			13	23.10	3.00	26.10	<=33.01	Pass
			24	23.12	3.00	26.12	<=33.01	Pass
		12	0	22.29	3.00	25.29	<=33.01	Pass
			6	22.29	3.00	25.29	<=33.01	Pass

			13	22.31	3.00	25.31	<=33.01	Pass
		25	0	22.30	3.00	25.30	<=33.01	Pass
	2593	1	0	23.08	3.00	26.08	<=33.01	Pass
			13	22.94	3.00	25.94	<=33.01	Pass
			24	22.97	3.00	25.97	<=33.01	Pass
		12	0	22.20	3.00	25.20	<=33.01	Pass
			6	22.11	3.00	25.11	<=33.01	Pass
			13	22.13	3.00	25.13	<=33.01	Pass
		25	0	22.12	3.00	25.12	<=33.01	Pass
	2687.5	1	0	22.84	3.00	25.84	<=33.01	Pass
			13	22.84	3.00	25.84	<=33.01	Pass
			24	22.79	3.00	25.79	<=33.01	Pass
		12	0	21.94	3.00	24.94	<=33.01	Pass
			6	22.04	3.00	25.04	<=33.01	Pass
			13	21.99	3.00	24.99	<=33.01	Pass
	25	0	21.97	3.00	24.97	<=33.01	Pass	
	Note1: EIRP=Conducted Power+Antenna Gain							

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	23.97	3.00	26.97	<=33.01	Pass
			25	23.96	3.00	26.96	<=33.01	Pass
			49	23.91	3.00	26.91	<=33.01	Pass
		25	0	23.42	3.00	26.42	<=33.01	Pass
			13	23.41	3.00	26.41	<=33.01	Pass
			25	23.38	3.00	26.38	<=33.01	Pass
		50	0	23.40	3.00	26.40	<=33.01	Pass
	2593	1	0	23.95	3.00	26.95	<=33.01	Pass
			25	23.86	3.00	26.86	<=33.01	Pass
			49	23.93	3.00	26.93	<=33.01	Pass
		25	0	23.11	3.00	26.11	<=33.01	Pass
			13	23.18	3.00	26.18	<=33.01	Pass
			25	23.12	3.00	26.12	<=33.01	Pass
		50	0	23.19	3.00	26.19	<=33.01	Pass
	2685	1	0	23.82	3.00	26.82	<=33.01	Pass
			25	23.89	3.00	26.89	<=33.01	Pass
			49	23.84	3.00	26.84	<=33.01	Pass
		25	0	22.92	3.00	25.92	<=33.01	Pass
			13	23.00	3.00	26.00	<=33.01	Pass
			25	22.97	3.00	25.97	<=33.01	Pass
		50	0	22.99	3.00	25.99	<=33.01	Pass
16QAM	2501	1	0	23.35	3.00	26.35	<=33.01	Pass
			25	23.25	3.00	26.25	<=33.01	Pass
			49	23.13	3.00	26.13	<=33.01	Pass
		25	0	22.39	3.00	25.39	<=33.01	Pass
			13	22.42	3.00	25.42	<=33.01	Pass
			25	22.37	3.00	25.37	<=33.01	Pass
		50	0	22.36	3.00	25.36	<=33.01	Pass
	2593	1	0	23.19	3.00	26.19	<=33.01	Pass
			25	23.10	3.00	26.10	<=33.01	Pass
			49	23.00	3.00	26.00	<=33.01	Pass
		25	0	22.10	3.00	25.10	<=33.01	Pass
			13	22.16	3.00	25.16	<=33.01	Pass
			25	22.10	3.00	25.10	<=33.01	Pass
		50	0	22.20	3.00	25.20	<=33.01	Pass

	2685	1	0	22.93	3.00	25.93	<=33.01	Pass		
			25	23.03	3.00	26.03	<=33.01	Pass		
			49	22.96	3.00	25.96	<=33.01	Pass		
		25	0	21.92	3.00	24.92	<=33.01	Pass		
			13	21.99	3.00	24.99	<=33.01	Pass		
			25	22.00	3.00	25.00	<=33.01	Pass		
		50	0	21.99	3.00	24.99	<=33.01	Pass		
		64QAM	2501	1	0	23.38	3.00	26.38	<=33.01	Pass
					25	23.25	3.00	26.25	<=33.01	Pass
49	23.27				3.00	26.27	<=33.01	Pass		
25	0			22.39	3.00	25.39	<=33.01	Pass		
	13			22.41	3.00	25.41	<=33.01	Pass		
	25			22.35	3.00	25.35	<=33.01	Pass		
50	0			22.43	3.00	25.43	<=33.01	Pass		
2593	1			0	22.96	3.00	25.96	<=33.01	Pass	
				25	23.11	3.00	26.11	<=33.01	Pass	
			49	22.88	3.00	25.88	<=33.01	Pass		
	25		0	22.09	3.00	25.09	<=33.01	Pass		
			13	22.15	3.00	25.15	<=33.01	Pass		
			25	22.11	3.00	25.11	<=33.01	Pass		
	50		0	22.20	3.00	25.20	<=33.01	Pass		
	2685		1	0	22.77	3.00	25.77	<=33.01	Pass	
				25	22.94	3.00	25.94	<=33.01	Pass	
49				22.76	3.00	25.76	<=33.01	Pass		
25			0	21.90	3.00	24.90	<=33.01	Pass		
		13	21.96	3.00	24.96	<=33.01	Pass			
		25	21.97	3.00	24.97	<=33.01	Pass			
50		0	21.94	3.00	24.94	<=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	23.99	3.00	26.99	<=33.01	Pass
			38	23.95	3.00	26.95	<=33.01	Pass
			74	23.98	3.00	26.98	<=33.01	Pass
		36	0	23.39	3.00	26.39	<=33.01	Pass
			18	23.41	3.00	26.41	<=33.01	Pass
			39	23.41	3.00	26.41	<=33.01	Pass
		75	0	23.38	3.00	26.38	<=33.01	Pass
	2593	1	0	23.98	3.00	26.98	<=33.01	Pass
			38	23.88	3.00	26.88	<=33.01	Pass
			74	23.93	3.00	26.93	<=33.01	Pass
		36	0	23.15	3.00	26.15	<=33.01	Pass
			18	23.21	3.00	26.21	<=33.01	Pass
			39	23.14	3.00	26.14	<=33.01	Pass
		75	0	23.15	3.00	26.15	<=33.01	Pass
	2682.5	1	0	23.88	3.00	26.88	<=33.01	Pass
			38	23.88	3.00	26.88	<=33.01	Pass
			74	23.87	3.00	26.87	<=33.01	Pass
		36	0	22.91	3.00	25.91	<=33.01	Pass
			18	22.98	3.00	25.98	<=33.01	Pass
			39	22.98	3.00	25.98	<=33.01	Pass
		75	0	22.97	3.00	25.97	<=33.01	Pass
16QAM	2503.5	1	0	23.33	3.00	26.33	<=33.01	Pass
			38	23.41	3.00	26.41	<=33.01	Pass

			74	23.22	3.00	26.22	<=33.01	Pass	
			36	0	22.38	3.00	25.38	<=33.01	Pass
				18	22.43	3.00	25.43	<=33.01	Pass
				39	22.43	3.00	25.43	<=33.01	Pass
		75	0	22.34	3.00	25.34	<=33.01	Pass	
		2593	1	0	23.13	3.00	26.13	<=33.01	Pass
				38	23.26	3.00	26.26	<=33.01	Pass
				74	23.08	3.00	26.08	<=33.01	Pass
			36	0	22.11	3.00	25.11	<=33.01	Pass
	18			22.17	3.00	25.17	<=33.01	Pass	
	39			22.12	3.00	25.12	<=33.01	Pass	
	75		0	22.18	3.00	25.18	<=33.01	Pass	
	2682.5	1	0	22.96	3.00	25.96	<=33.01	Pass	
			38	22.89	3.00	25.89	<=33.01	Pass	
			74	22.92	3.00	25.92	<=33.01	Pass	
		36	0	21.92	3.00	24.92	<=33.01	Pass	
			18	22.01	3.00	25.01	<=33.01	Pass	
			39	21.95	3.00	24.95	<=33.01	Pass	
		75	0	21.97	3.00	24.97	<=33.01	Pass	
	64QAM	2503.5	1	0	23.16	3.00	26.16	<=33.01	Pass
				38	23.27	3.00	26.27	<=33.01	Pass
74				23.13	3.00	26.13	<=33.01	Pass	
36			0	22.40	3.00	25.40	<=33.01	Pass	
			18	22.45	3.00	25.45	<=33.01	Pass	
			39	22.38	3.00	25.38	<=33.01	Pass	
75			0	22.36	3.00	25.36	<=33.01	Pass	
2593			1	0	23.04	3.00	26.04	<=33.01	Pass
				38	23.19	3.00	26.19	<=33.01	Pass
		74		22.82	3.00	25.82	<=33.01	Pass	
		36	0	22.17	3.00	25.17	<=33.01	Pass	
			18	22.18	3.00	25.18	<=33.01	Pass	
			39	22.16	3.00	25.16	<=33.01	Pass	
		75	0	22.13	3.00	25.13	<=33.01	Pass	
2682.5		1	0	22.83	3.00	25.83	<=33.01	Pass	
			38	22.81	3.00	25.81	<=33.01	Pass	
			74	22.93	3.00	25.93	<=33.01	Pass	
		36	0	21.93	3.00	24.93	<=33.01	Pass	
			18	22.00	3.00	25.00	<=33.01	Pass	
			39	21.99	3.00	24.99	<=33.01	Pass	
		75	0	21.93	3.00	24.93	<=33.01	Pass	
	Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	24.00	3.00	27.00	<=33.01	Pass
			50	23.98	3.00	26.98	<=33.01	Pass
			99	23.97	3.00	26.97	<=33.01	Pass
		50	0	23.09	3.00	26.09	<=33.01	Pass
			25	23.15	3.00	26.15	<=33.01	Pass
			50	23.10	3.00	26.10	<=33.01	Pass
		100	0	23.08	3.00	26.08	<=33.01	Pass
	2593	1	0	23.99	3.00	26.99	<=33.01	Pass
			50	23.98	3.00	26.98	<=33.01	Pass
			99	23.81	3.00	26.81	<=33.01	Pass
		50	0	23.04	3.00	26.04	<=33.01	Pass

		100	25	23.01	3.00	26.01	<=33.01	Pass	
			50	23.05	3.00	26.05	<=33.01	Pass	
			0	23.00	3.00	26.00	<=33.01	Pass	
	2680	1	0	23.90	3.00	26.90	<=33.01	Pass	
			50	23.87	3.00	26.87	<=33.01	Pass	
			99	23.79	3.00	26.79	<=33.01	Pass	
		50	0	23.00	3.00	26.00	<=33.01	Pass	
			25	22.97	3.00	25.97	<=33.01	Pass	
			50	22.97	3.00	25.97	<=33.01	Pass	
100		0	22.92	3.00	25.92	<=33.01	Pass		
16QAM	2506	1	0	23.94	3.00	26.94	<=33.01	Pass	
			50	23.96	3.00	26.96	<=33.01	Pass	
			99	23.91	3.00	26.91	<=33.01	Pass	
		50	0	23.41	3.00	26.41	<=33.01	Pass	
			25	23.45	3.00	26.45	<=33.01	Pass	
			50	23.41	3.00	26.41	<=33.01	Pass	
			100	0	23.31	3.00	26.31	<=33.01	Pass
		2593	1	0	23.86	3.00	26.86	<=33.01	Pass
	50			23.84	3.00	26.84	<=33.01	Pass	
	99			23.92	3.00	26.92	<=33.01	Pass	
	50		0	23.17	3.00	26.17	<=33.01	Pass	
			25	23.20	3.00	26.20	<=33.01	Pass	
			50	23.10	3.00	26.10	<=33.01	Pass	
			100	0	23.11	3.00	26.11	<=33.01	Pass
	2680		1	0	23.87	3.00	26.87	<=33.01	Pass
				50	23.83	3.00	26.83	<=33.01	Pass
		99		23.76	3.00	26.76	<=33.01	Pass	
		50	0	22.93	3.00	25.93	<=33.01	Pass	
			25	23.00	3.00	26.00	<=33.01	Pass	
			50	22.98	3.00	25.98	<=33.01	Pass	
			100	0	22.97	3.00	25.97	<=33.01	Pass
	64QAM	2506	1	0	23.38	3.00	26.38	<=33.01	Pass
				50	23.36	3.00	26.36	<=33.01	Pass
				99	23.31	3.00	26.31	<=33.01	Pass
50			0	22.41	3.00	25.41	<=33.01	Pass	
			25	22.42	3.00	25.42	<=33.01	Pass	
			50	22.37	3.00	25.37	<=33.01	Pass	
			100	0	22.32	3.00	25.32	<=33.01	Pass
2593			1	0	23.16	3.00	26.16	<=33.01	Pass
		50		23.13	3.00	26.13	<=33.01	Pass	
		99		22.95	3.00	25.95	<=33.01	Pass	
		50	0	22.18	3.00	25.18	<=33.01	Pass	
			25	22.19	3.00	25.19	<=33.01	Pass	
			50	22.11	3.00	25.11	<=33.01	Pass	
			100	0	22.11	3.00	25.11	<=33.01	Pass
		2680	1	0	23.02	3.00	26.02	<=33.01	Pass
				50	23.02	3.00	26.02	<=33.01	Pass
99				22.94	3.00	25.94	<=33.01	Pass	
50			0	21.92	3.00	24.92	<=33.01	Pass	
			25	22.01	3.00	25.01	<=33.01	Pass	
			50	21.97	3.00	24.97	<=33.01	Pass	
			100	0	21.95	3.00	24.95	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B41_10MHz

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2593	50	0	20	LV	-2.200	-0.0008	-2.5 to 2.5	Pass
					HV	-3.400	-0.0013	-2.5 to 2.5	Pass
					NV	-2.400	-0.0009	-2.5 to 2.5	Pass
				-30	NV	0.300	0.0001	-2.5 to 2.5	Pass
				-20	NV	-1.500	-0.0006	-2.5 to 2.5	Pass
				-10	NV	-0.600	-0.0002	-2.5 to 2.5	Pass
				0	NV	-2.800	-0.0011	-2.5 to 2.5	Pass
				10	NV	-2.900	-0.0011	-2.5 to 2.5	Pass
				30	NV	-0.900	-0.0003	-2.5 to 2.5	Pass
				40	NV	-1.600	-0.0006	-2.5 to 2.5	Pass
				50	NV	-3.300	-0.0013	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

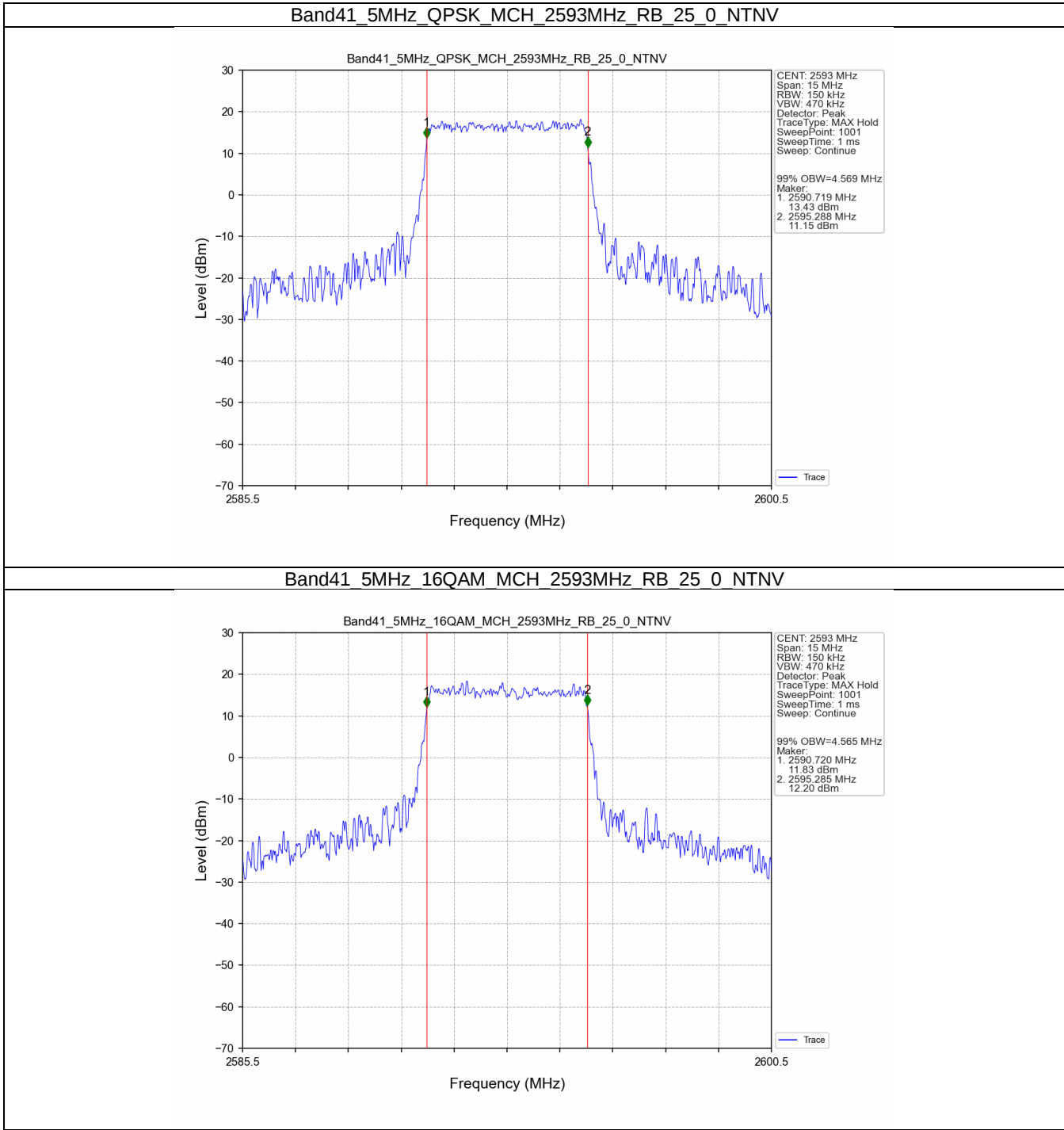
Band: 41 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.569	/	Pass
	16QAM	2593	25	0	4.565	/	Pass
10	QPSK	2593	50	0	9.090	/	Pass
	16QAM	2593	50	0	9.097	/	Pass
15	QPSK	2593	75	0	13.648	/	Pass
	16QAM	2593	75	0	13.647	/	Pass
20	QPSK	2593	100	0	18.159	/	Pass
	16QAM	2593	100	0	18.160	/	Pass

3.1.2 Band41_XDB

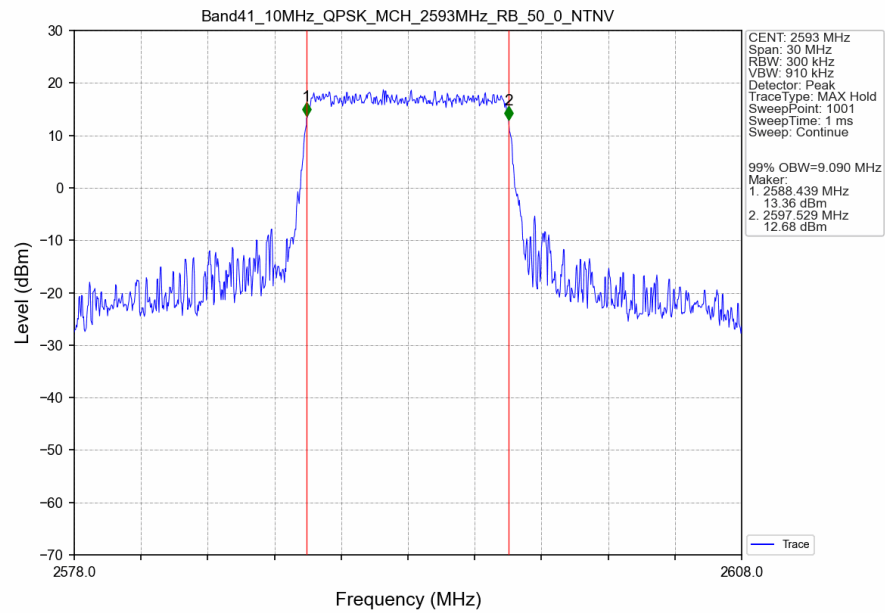
Band: 41 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.409	/	Pass
	16QAM	2593	25	0	5.157	/	Pass
10	QPSK	2593	50	0	10.767	/	Pass
	16QAM	2593	50	0	10.909	/	Pass
15	QPSK	2593	75	0	15.473	/	Pass
	16QAM	2593	75	0	16.590	/	Pass
20	QPSK	2593	100	0	20.660	/	Pass
	16QAM	2593	100	0	20.763	/	Pass

3.2 Test Graph

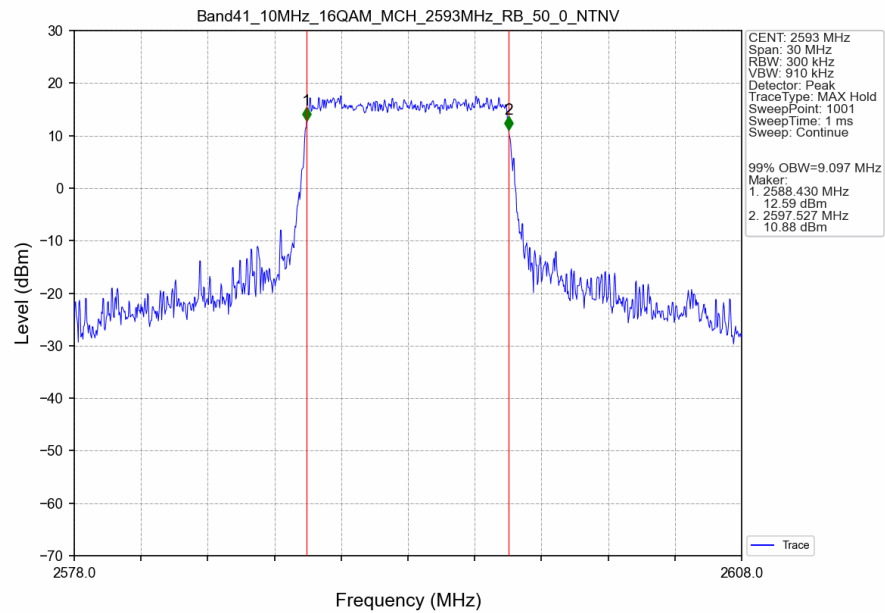
3.2.1 Band41_OBW



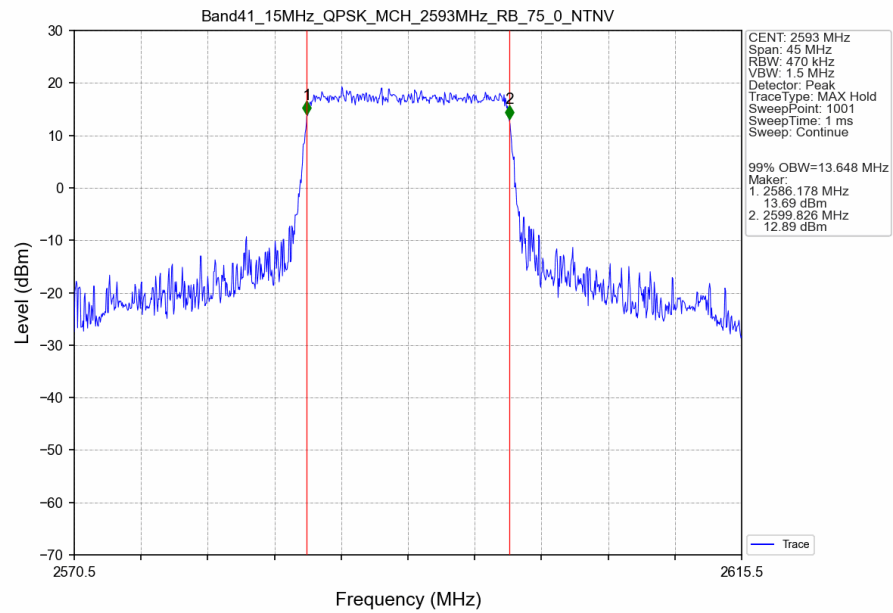
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



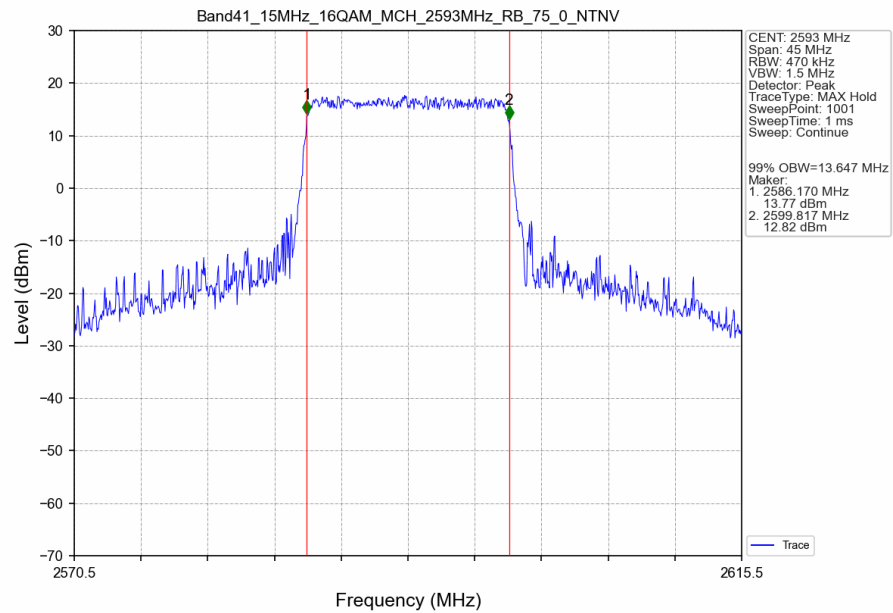
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



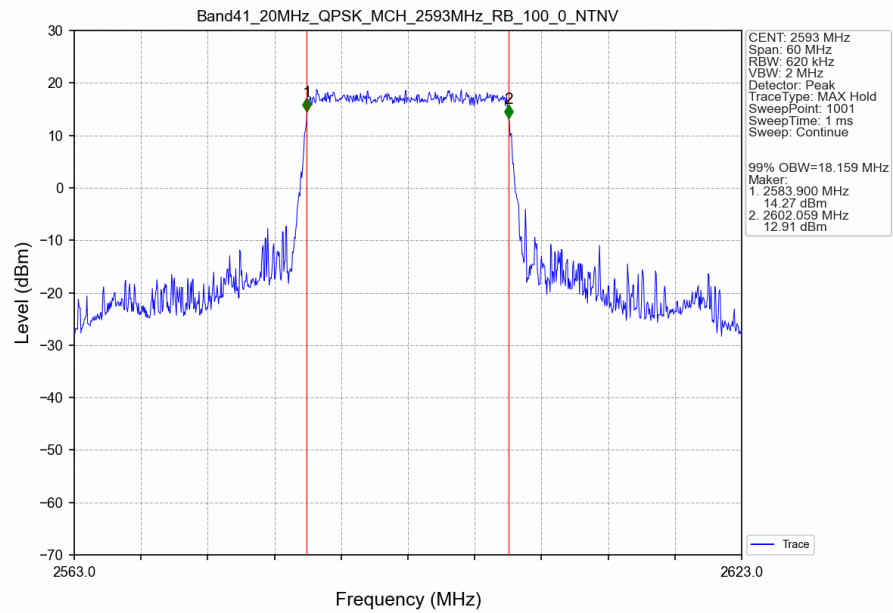
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



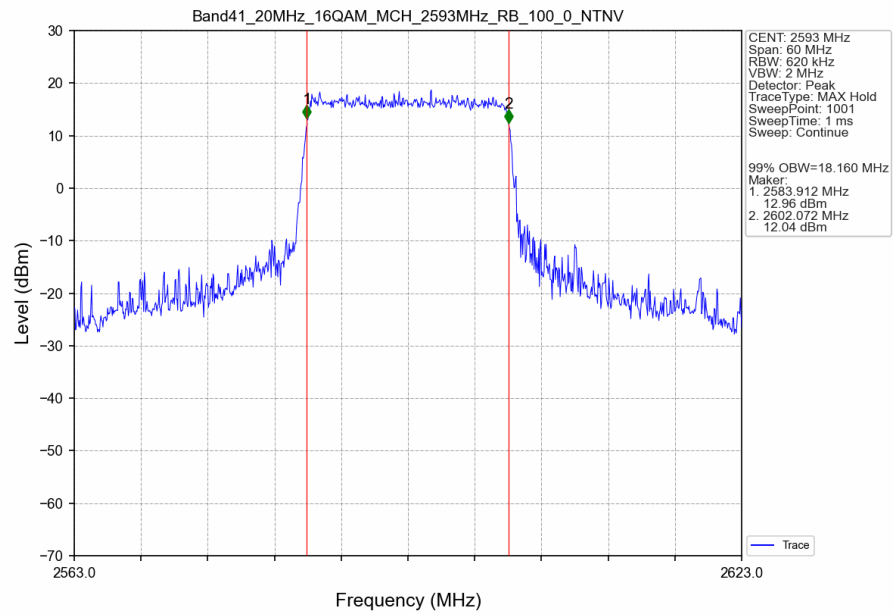
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



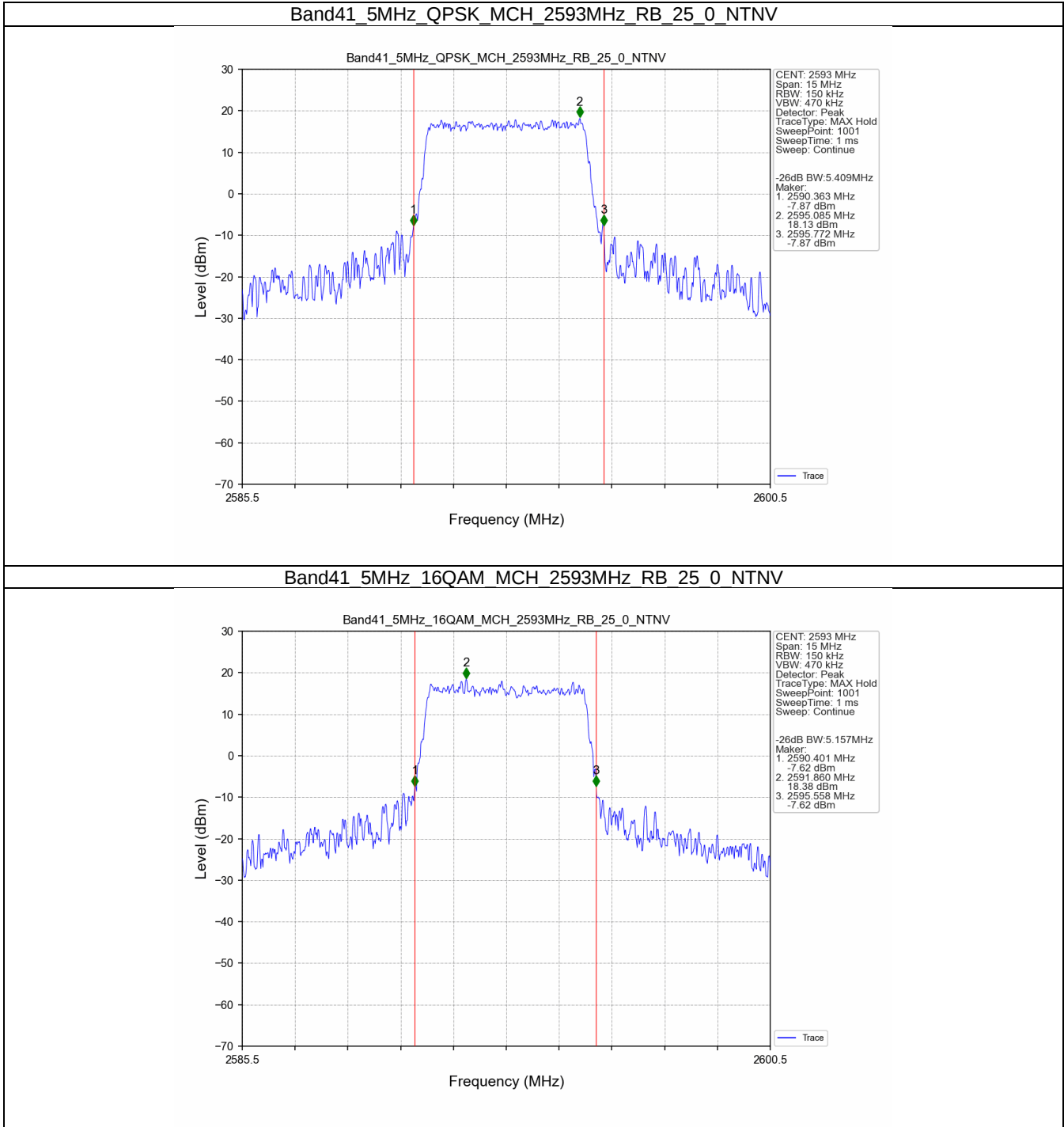
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



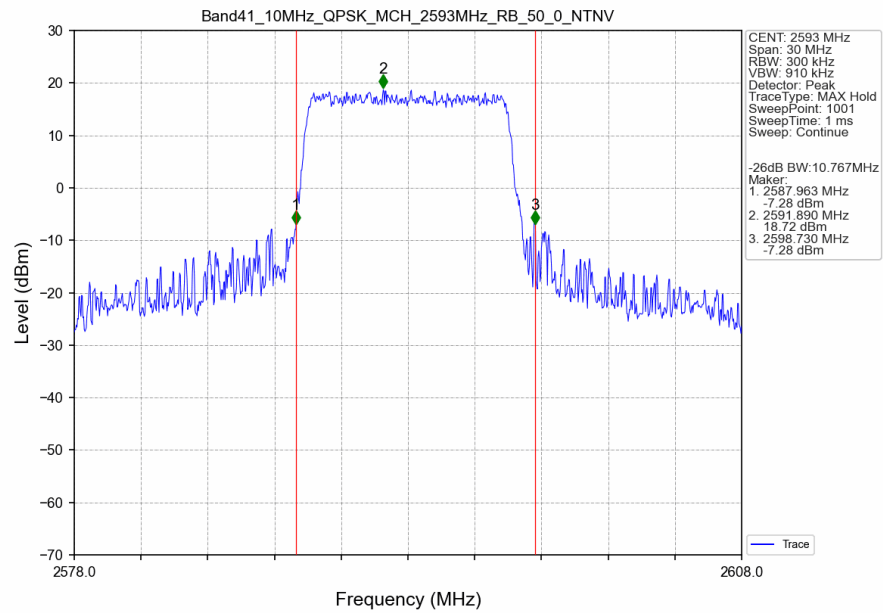
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



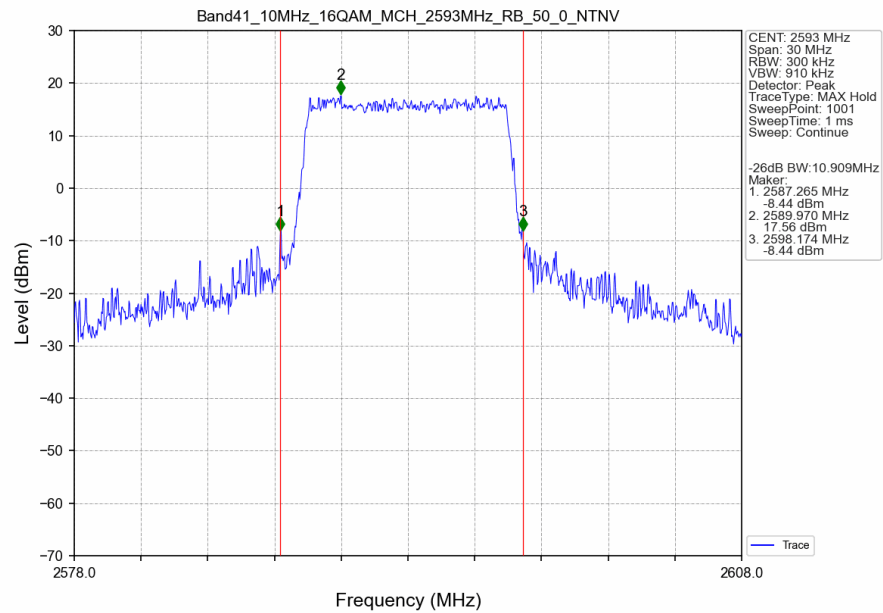
3.2.2 Band41_XDB



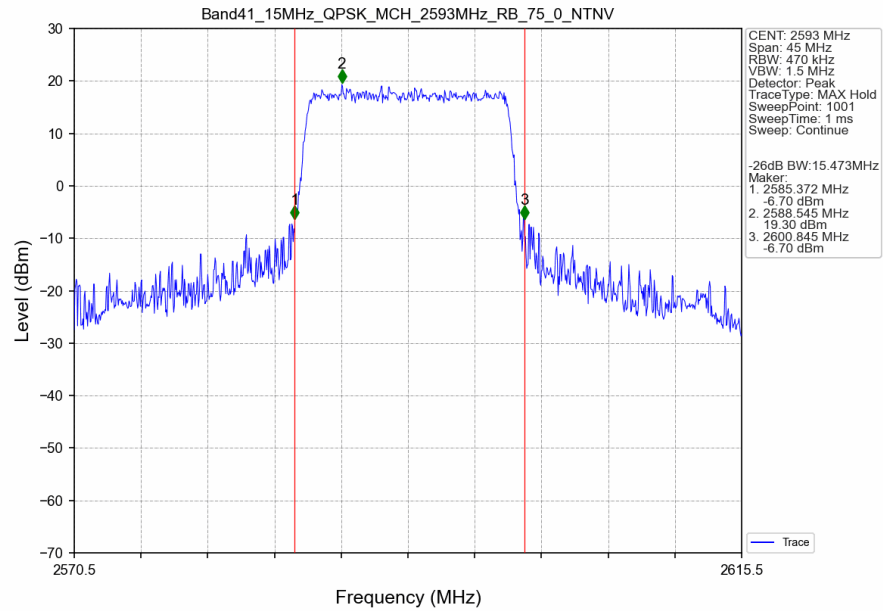
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTNV



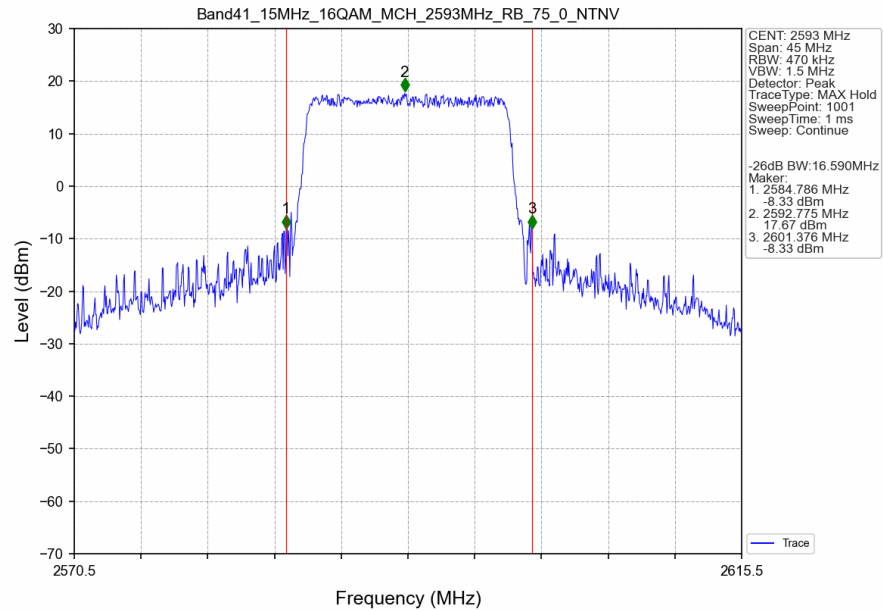
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



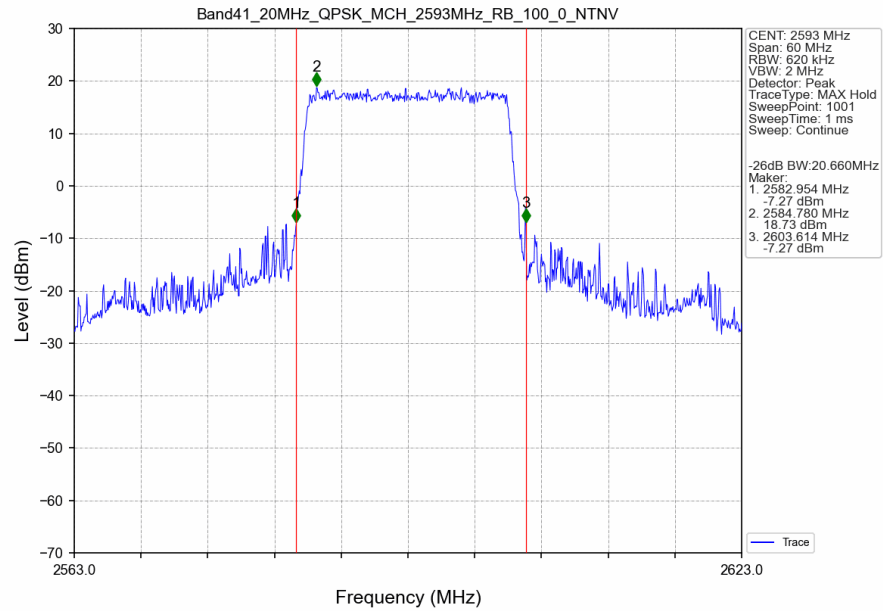
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



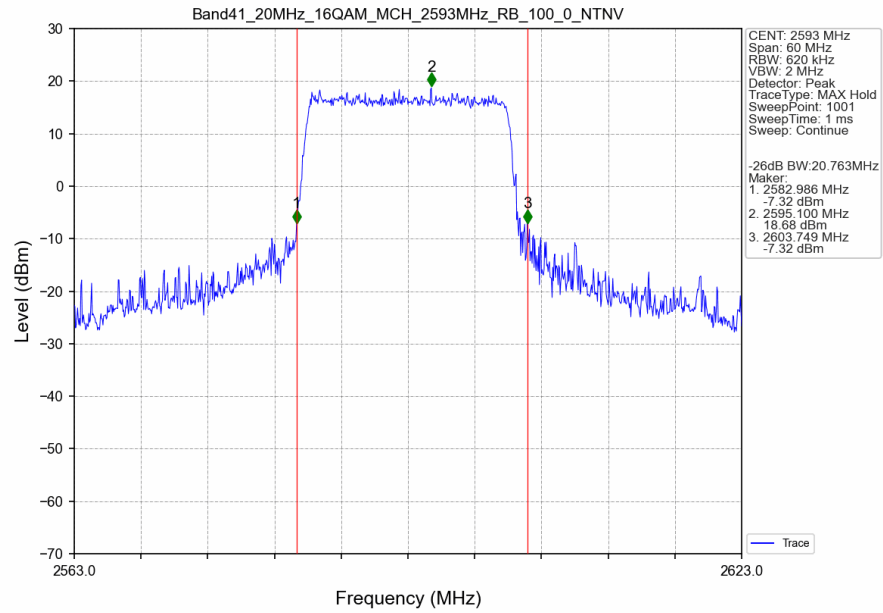
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV



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



4. Peak-Average Ratio

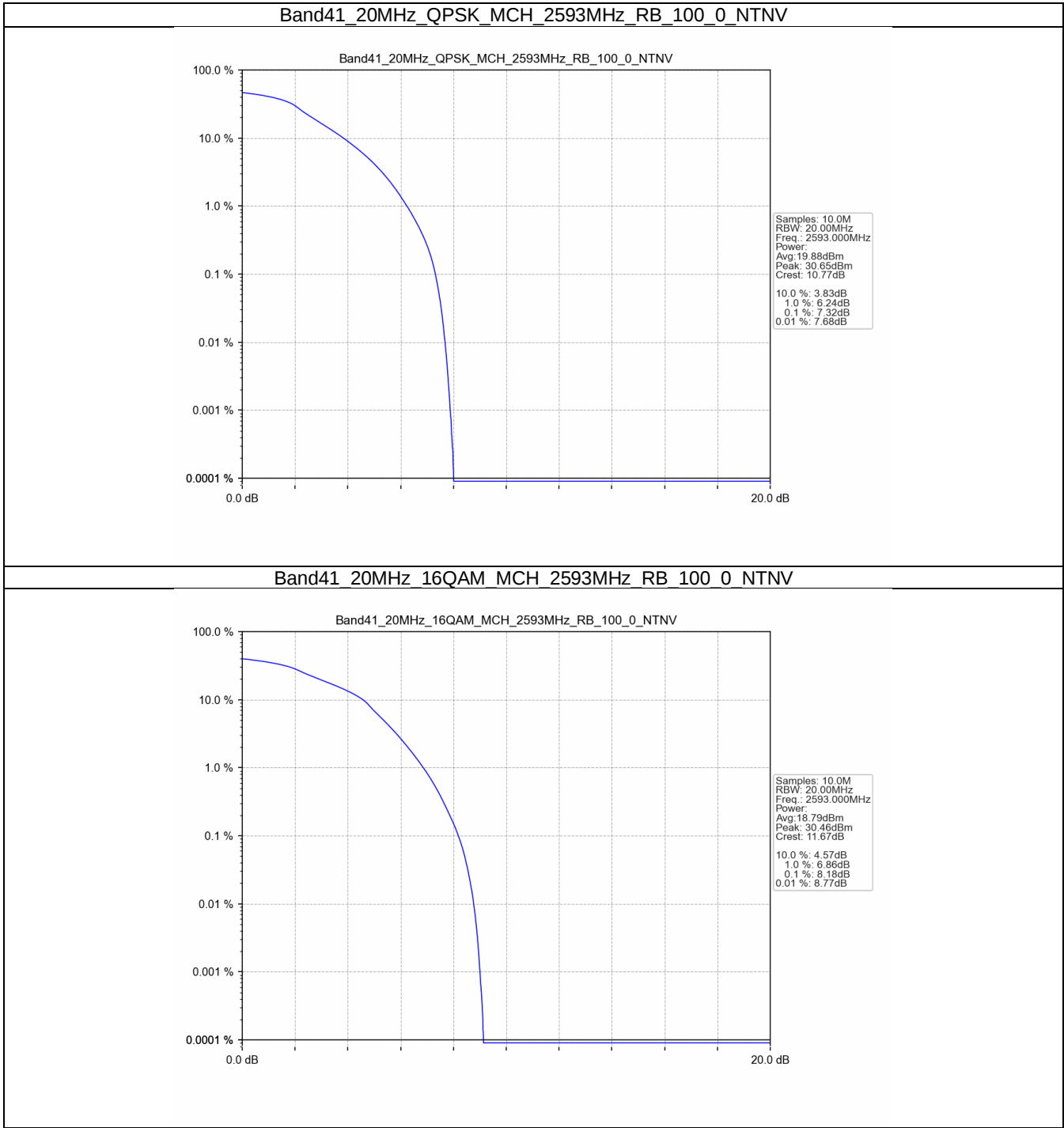
4.1 Test Result

4.1.1 B41_20MHz

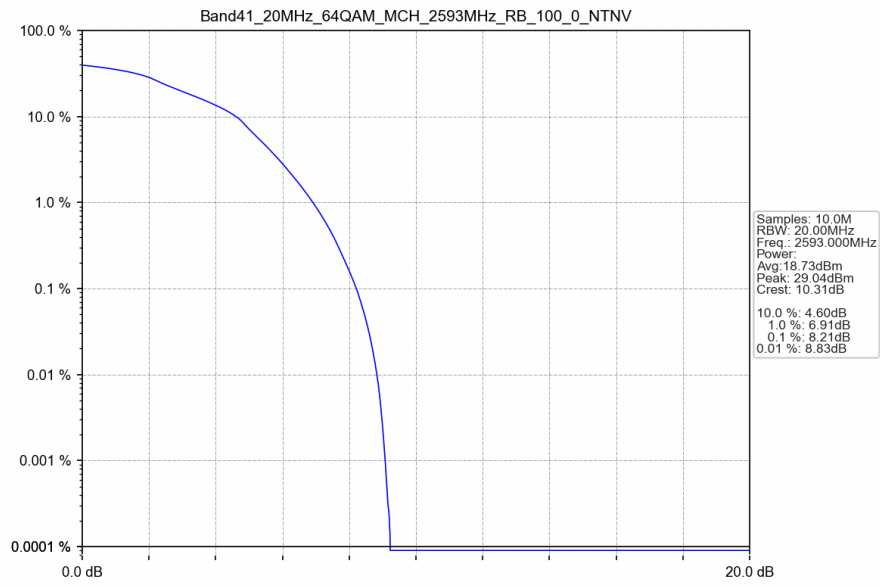
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	7.32	<=13	Pass
16QAM	2593	100	0	8.18	<=13	Pass
64QAM	2593	100	0	8.21	<=13	Pass

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 / 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 / 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

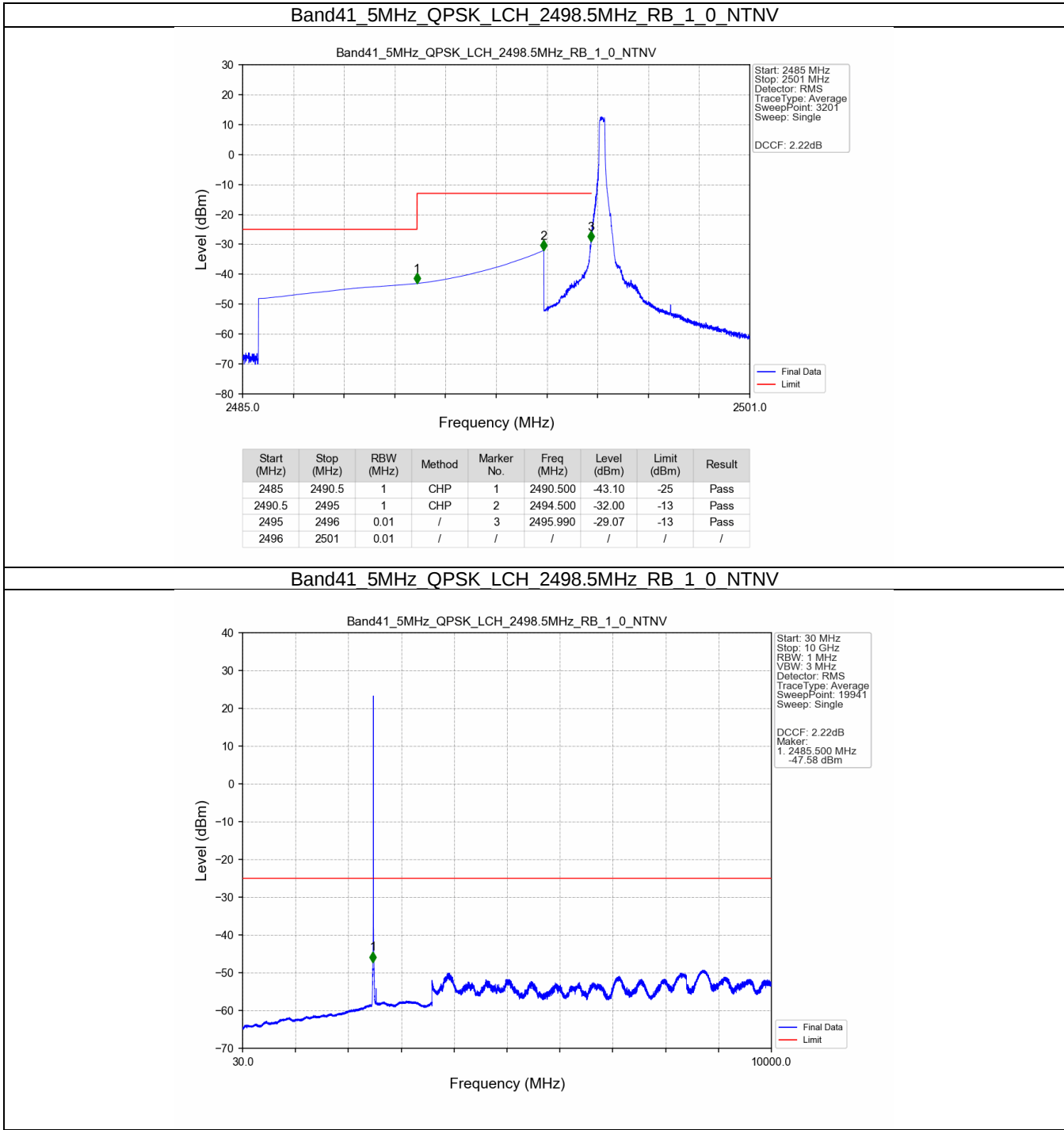
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B41_20MHz

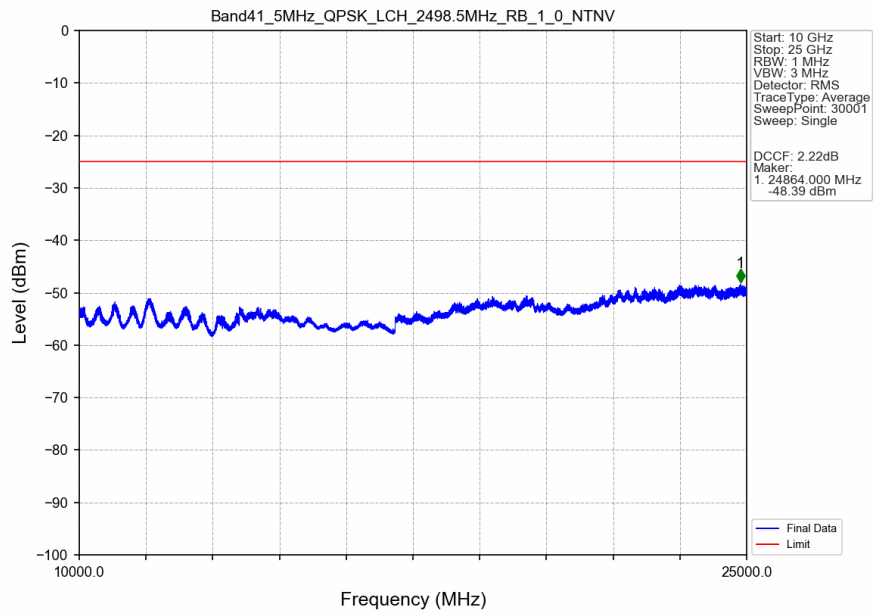
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

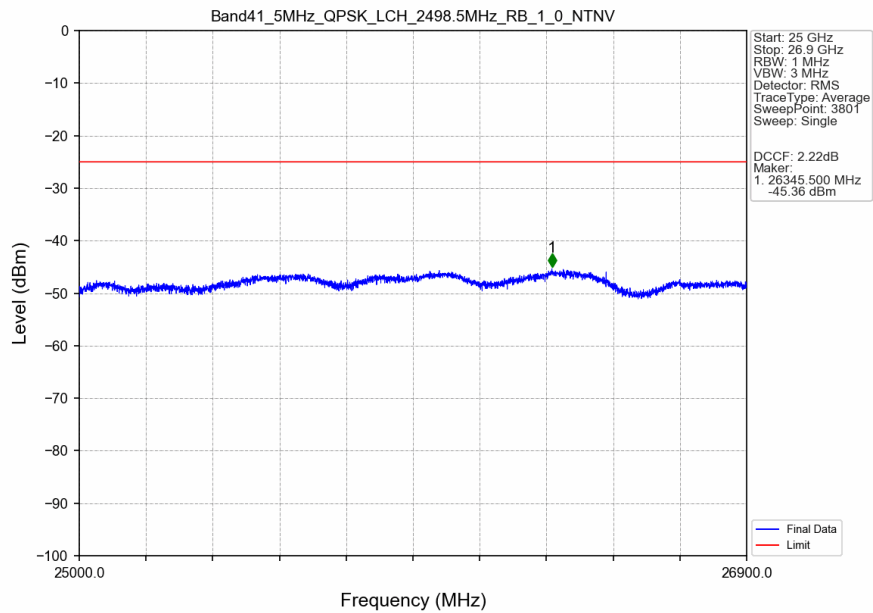
5.2.1 B41_5MHz



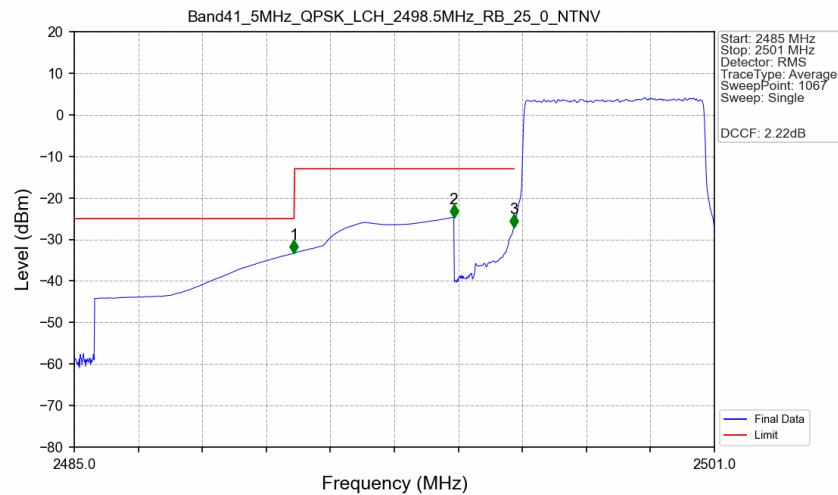
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV



Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTNV

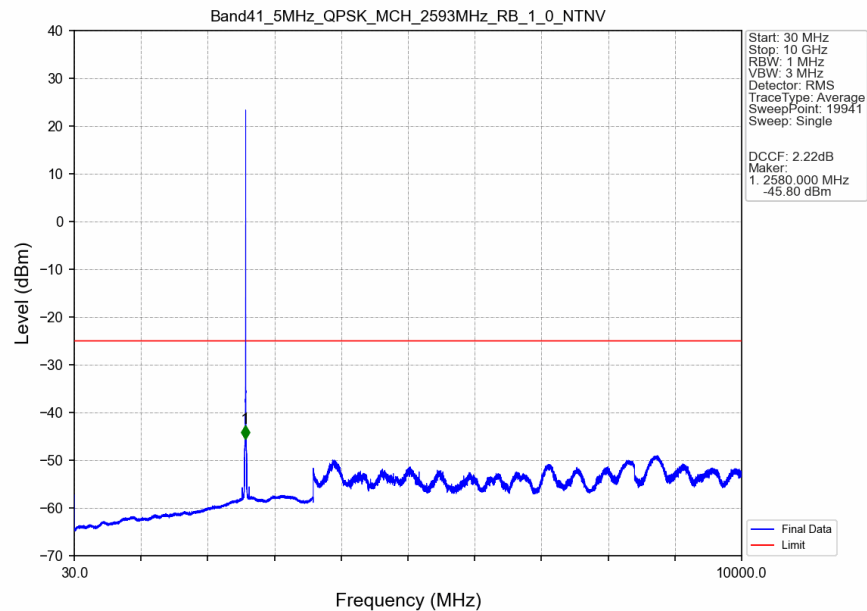


Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTN

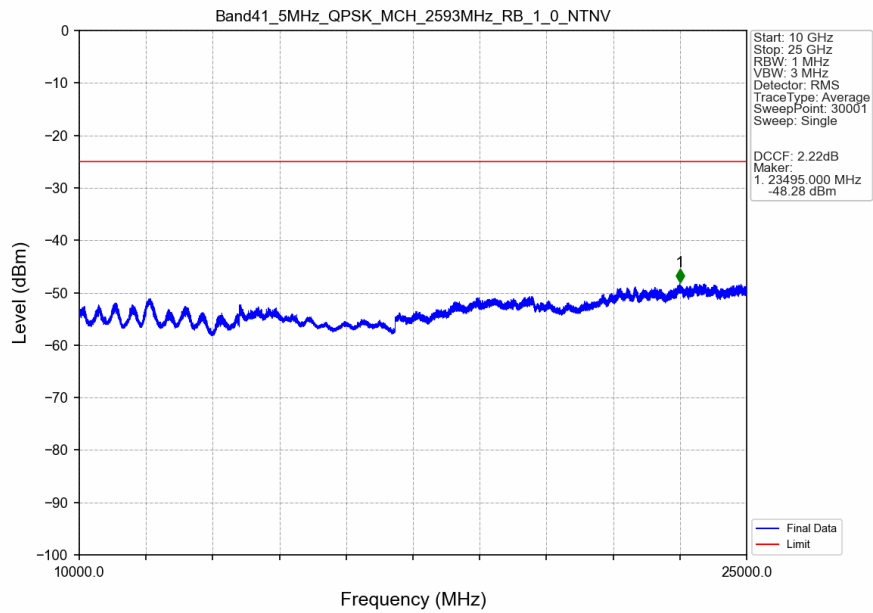


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-33.31	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-24.67	-13	Pass
2495	2496	0.052	CHP	3	2495.987	-27.15	-13	Pass
2496	2501	0.052	CHP	/	/	/	/	/

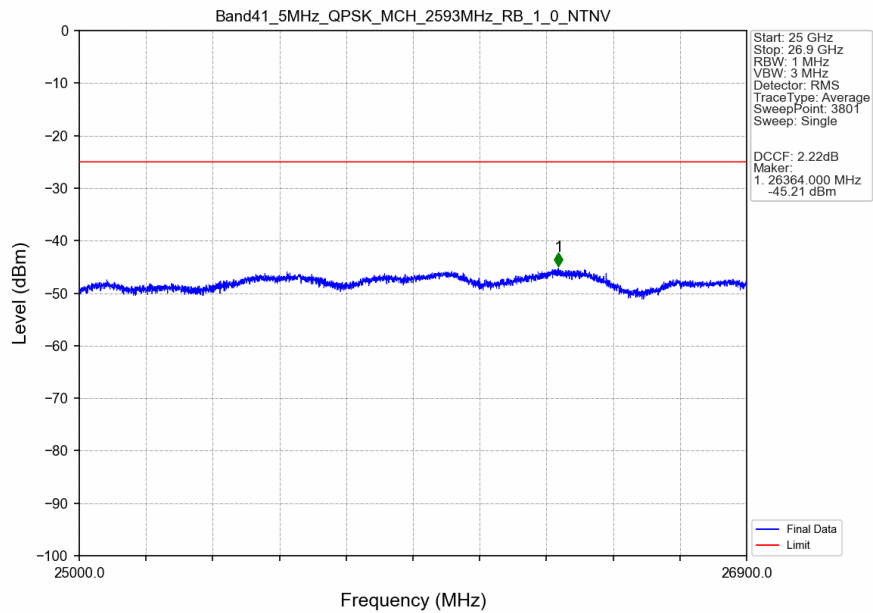
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



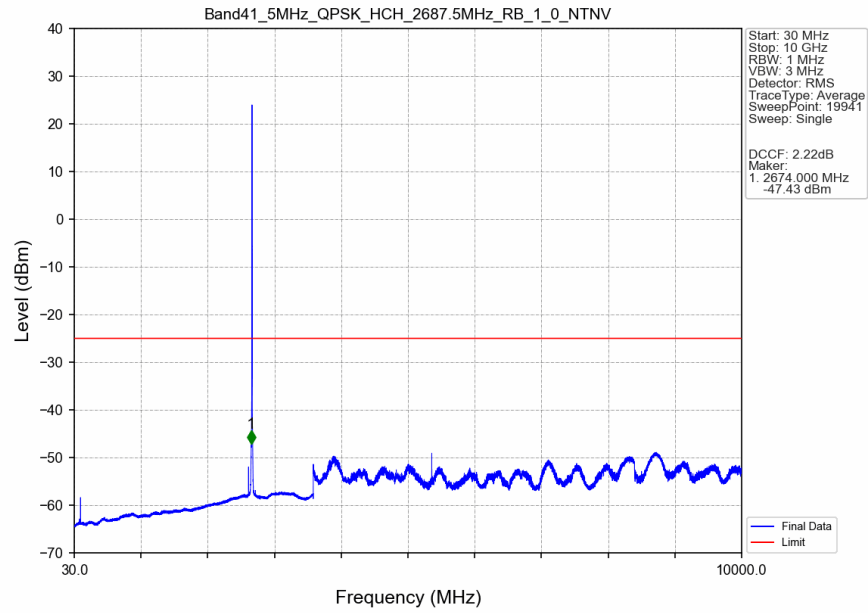
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



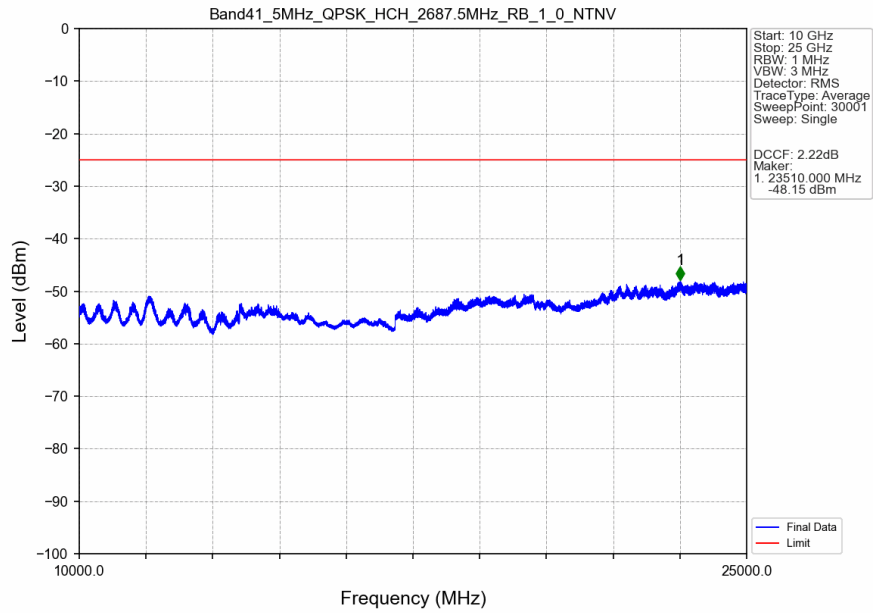
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



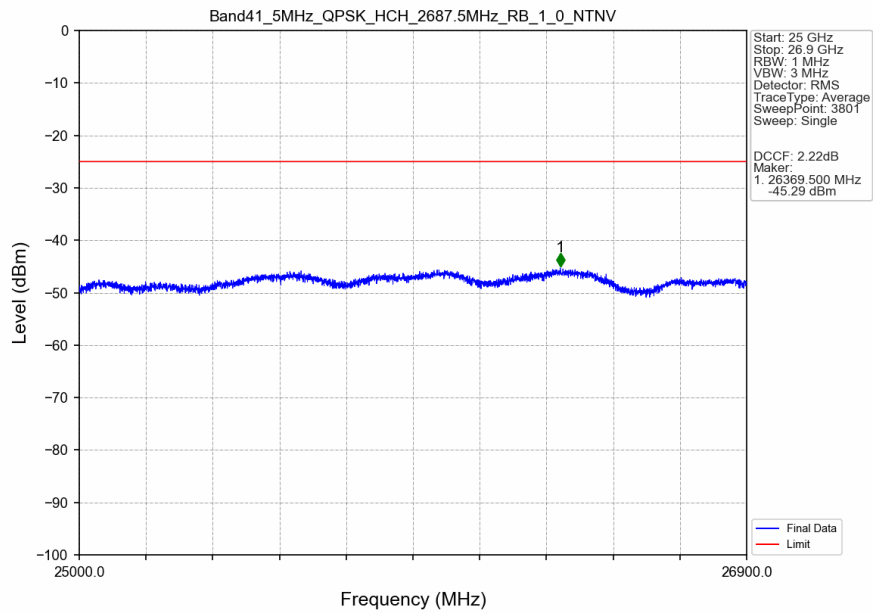
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



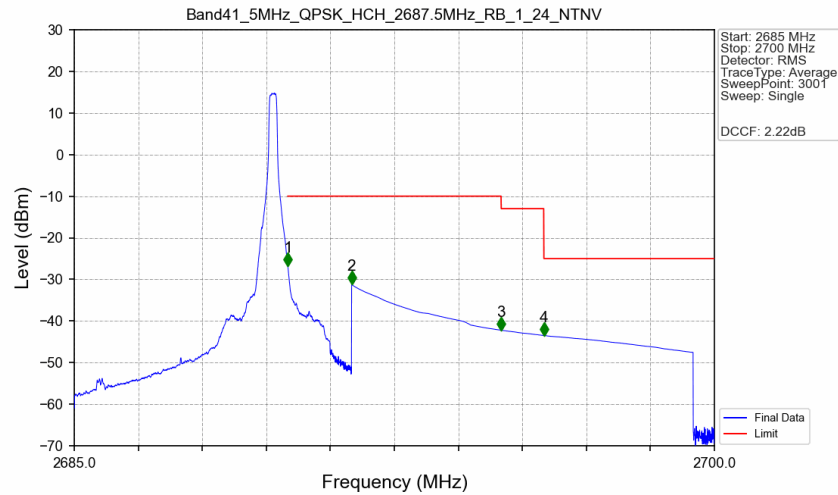
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTNV

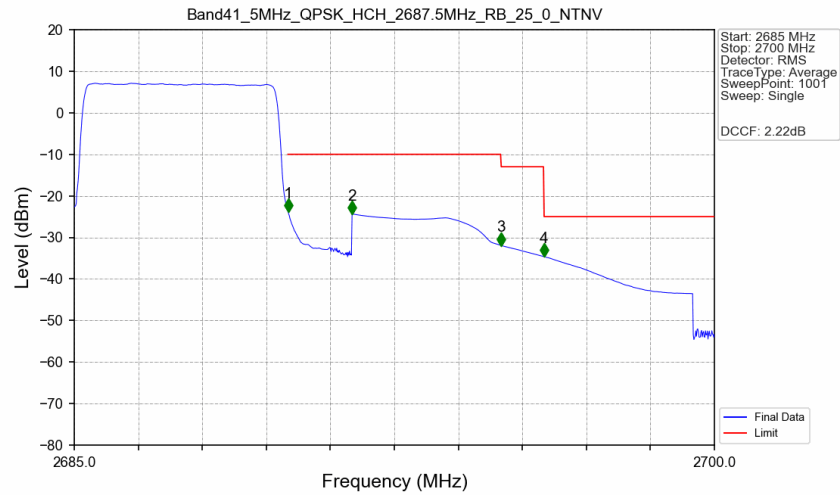


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



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	-26.80	-10	Pass
2691	2695	1	CHP	2	2691.500	-31.23	-10	Pass
2695	2696	1	CHP	3	2695.005	-42.24	-13	Pass
2696	2700	1	CHP	4	2696.005	-43.50	-25	Pass

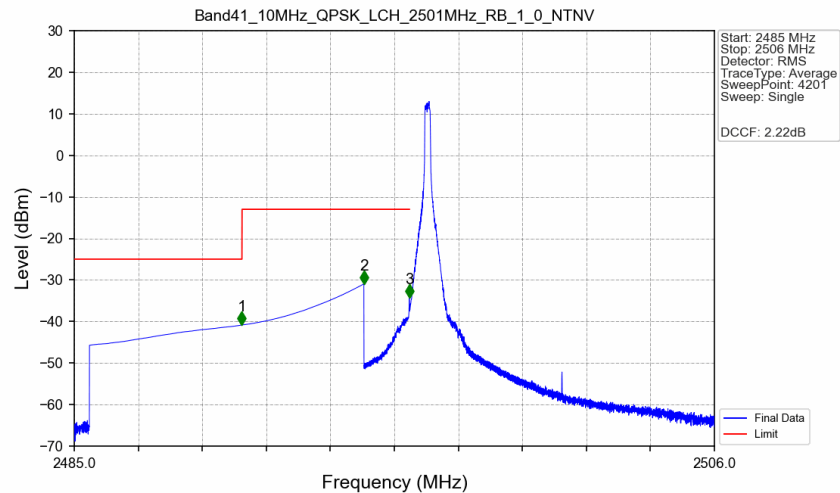
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.108	CHP	/	/	/	/	/
2690	2691	0.108	CHP	1	2690.010	-23.80	-10	Pass
2691	2695	1	CHP	2	2691.510	-24.35	-10	Pass
2695	2696	1	CHP	3	2695.005	-31.95	-13	Pass
2696	2700	1	CHP	4	2696.010	-34.65	-25	Pass

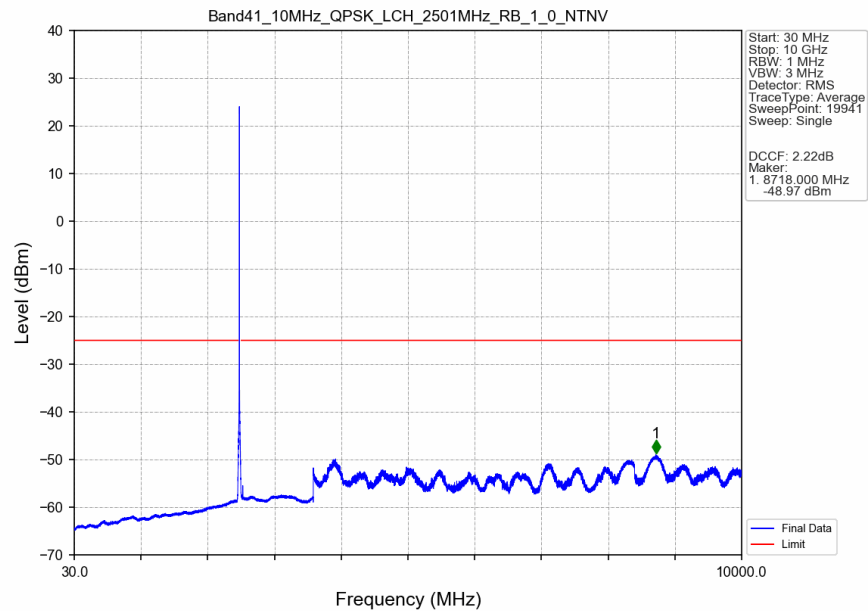
5.2.2 B41_10MHz

Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

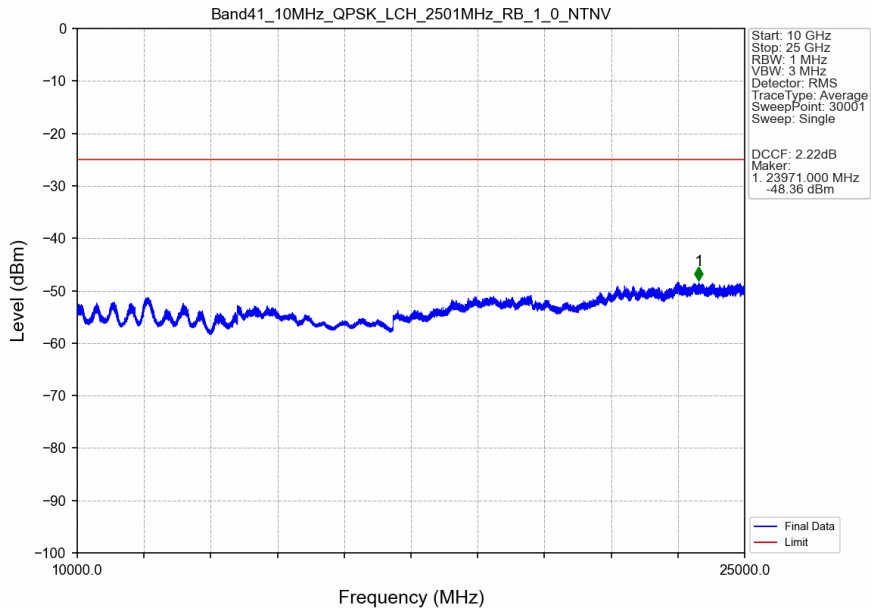


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-40.86	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-30.97	-13	Pass
2495	2496	0.01	/	3	2495.990	-34.26	-13	Pass
2496	2506	0.01	/	/	/	/	/	/

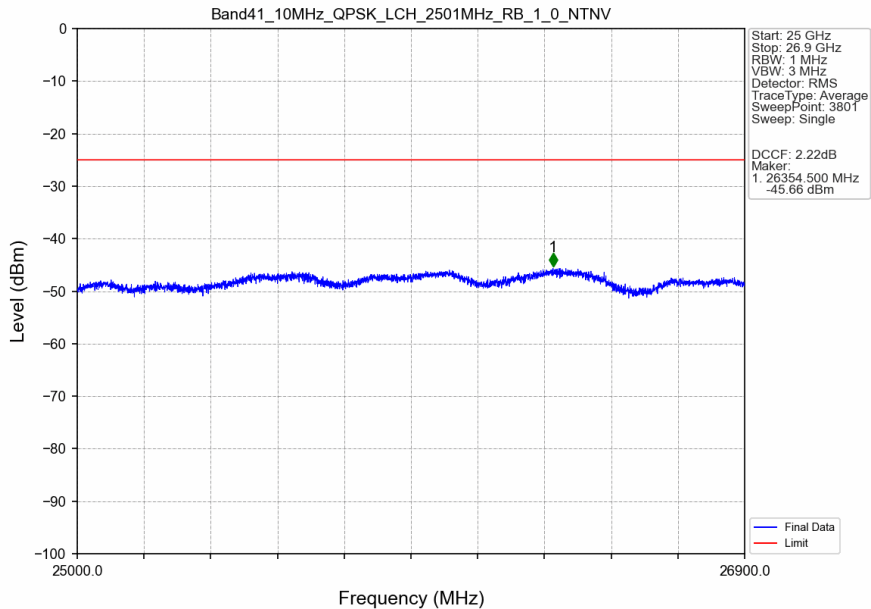
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



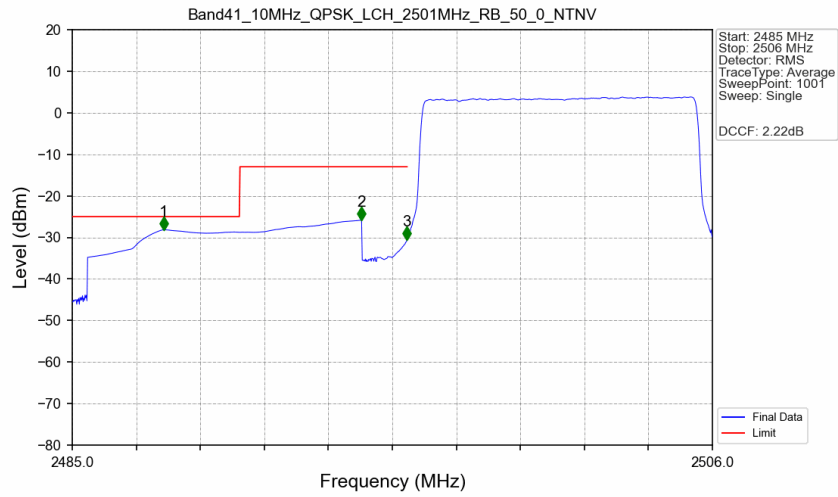
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

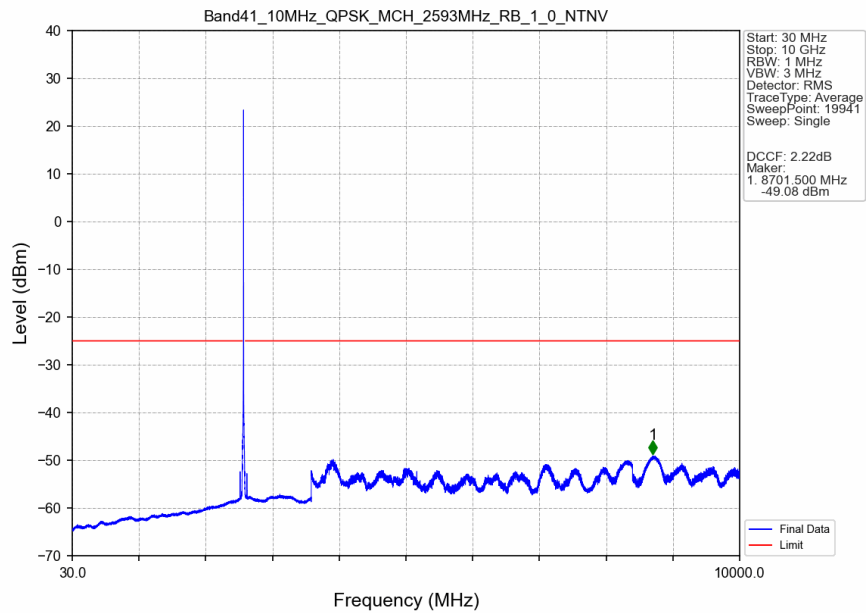


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

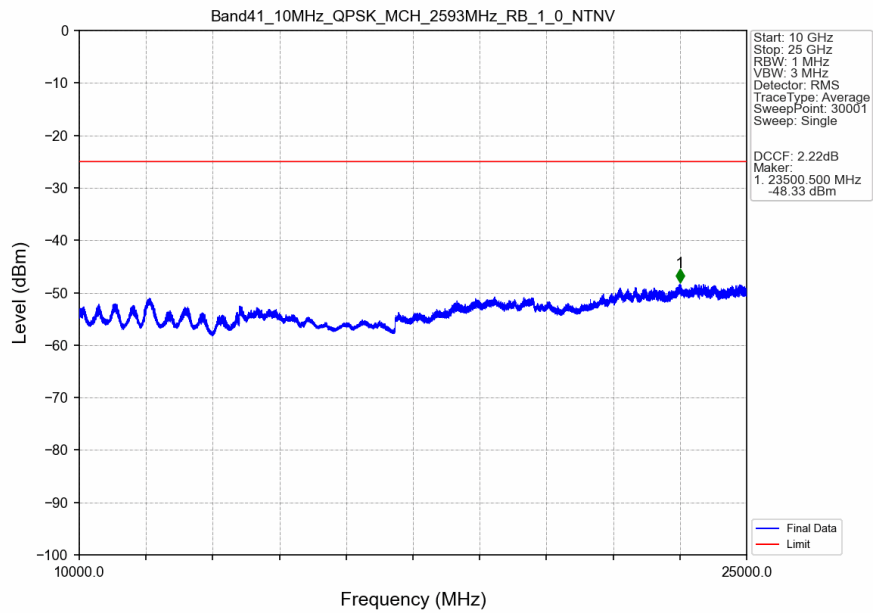


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.003	-28.16	-25	Pass
2490.5	2495	1	CHP	2	2494.492	-13	-13	Pass
2495	2496	0.108	CHP	3	2495.983	-30.55	-13	Pass
2496	2506	0.108	CHP	/	/	/	/	/

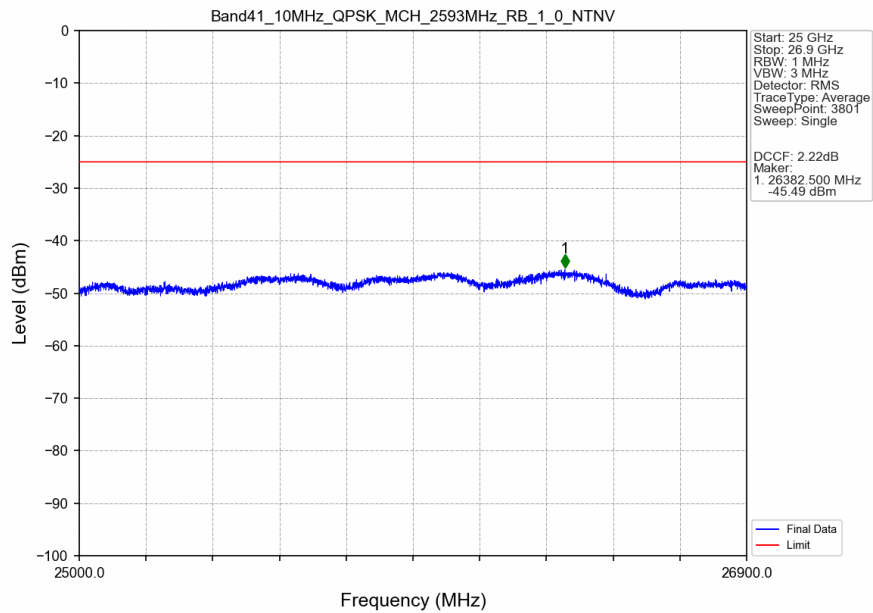
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



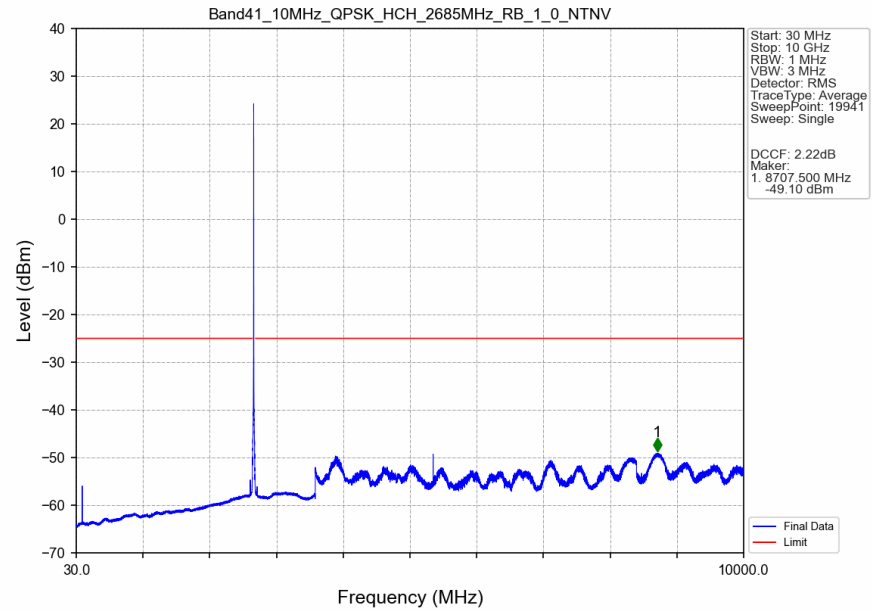
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



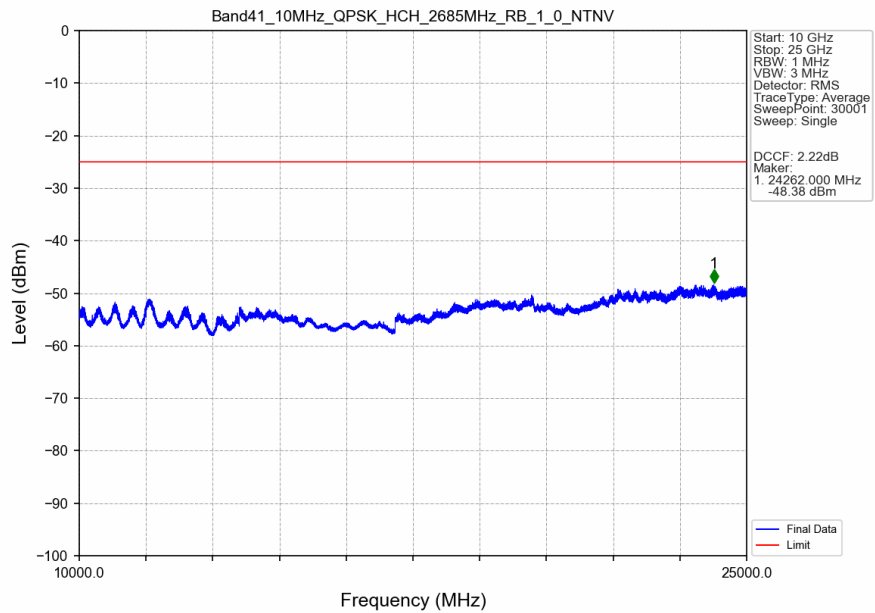
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



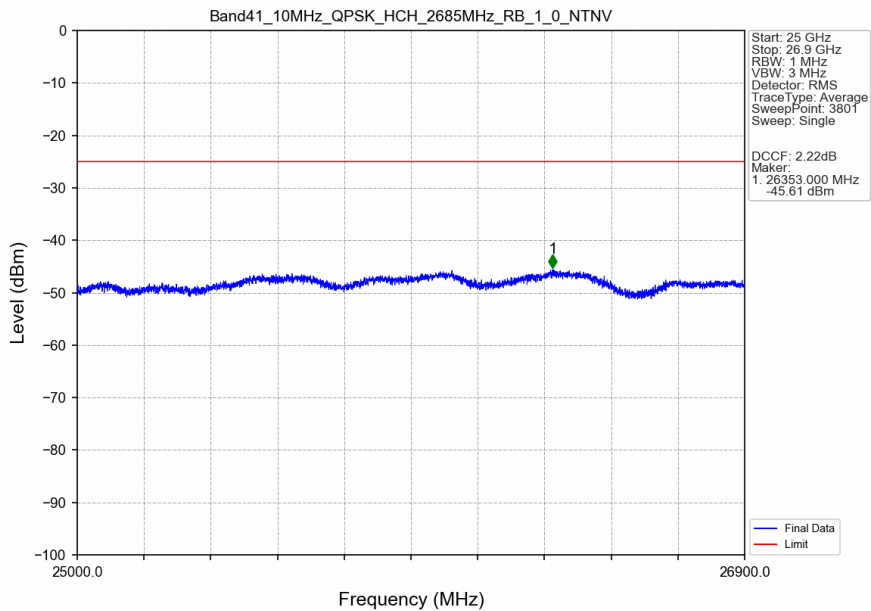
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



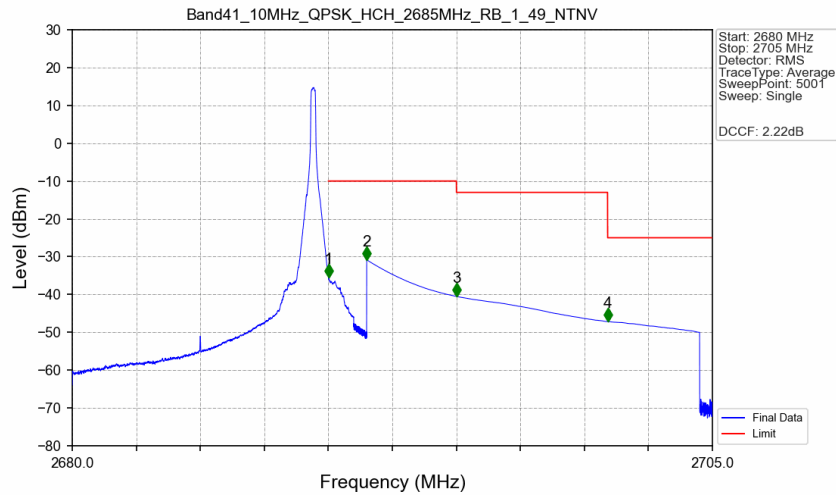
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTV

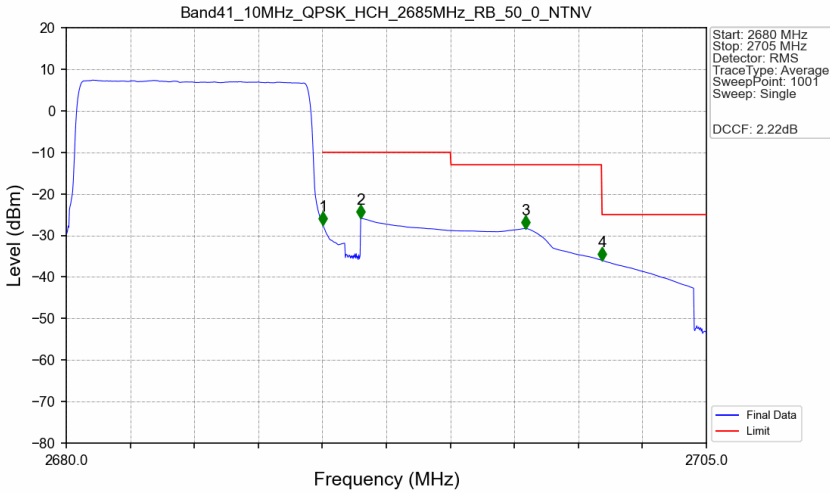


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49 NTV



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	-35.51	-10	Pass
2691	2695	1	CHP	2	2691.500	-30.82	-10	Pass
2695	2700.909	1	CHP	3	2695.005	-40.51	-13	Pass
2700.909	2705	1	CHP	4	2700.910	-47.17	-25	Pass

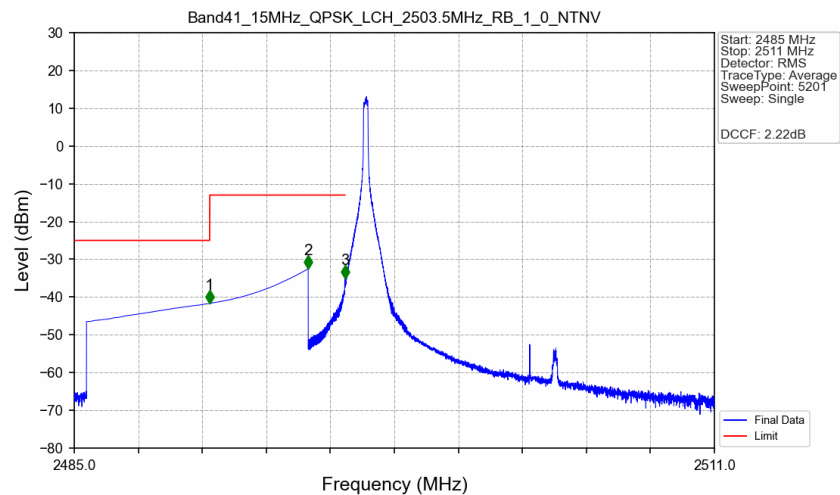
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.218	CHP	/	/	/	/	/
2690	2691	0.218	CHP	1	2690.025	-27.53	-10	Pass
2691	2695	1	CHP	2	2691.500	-25.87	-10	Pass
2695	2700.909	1	CHP	3	2697.925	-28.33	-13	Pass
2700.909	2705	1	CHP	4	2700.925	-36.01	-25	Pass

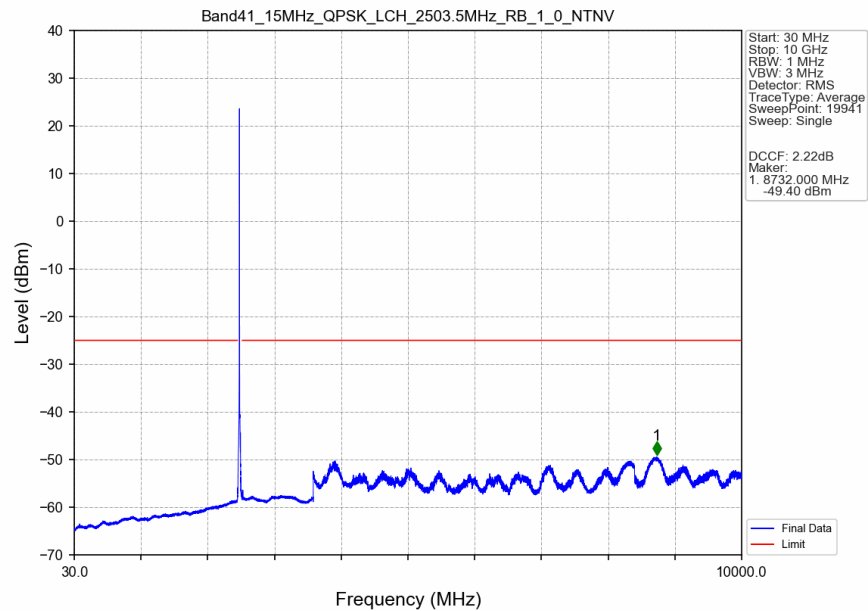
5.2.3 B41_15MHz

Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

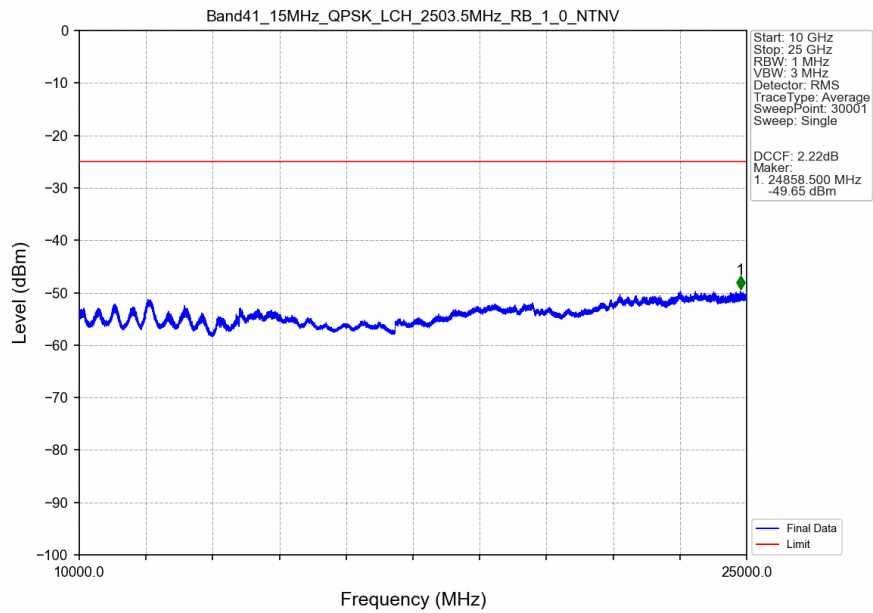


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-41.68	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-32.54	-13	Pass
2495	2496	0.01	/	3	2495.990	-35.04	-13	Pass
2496	2511	0.01	/	/	/	/	/	/

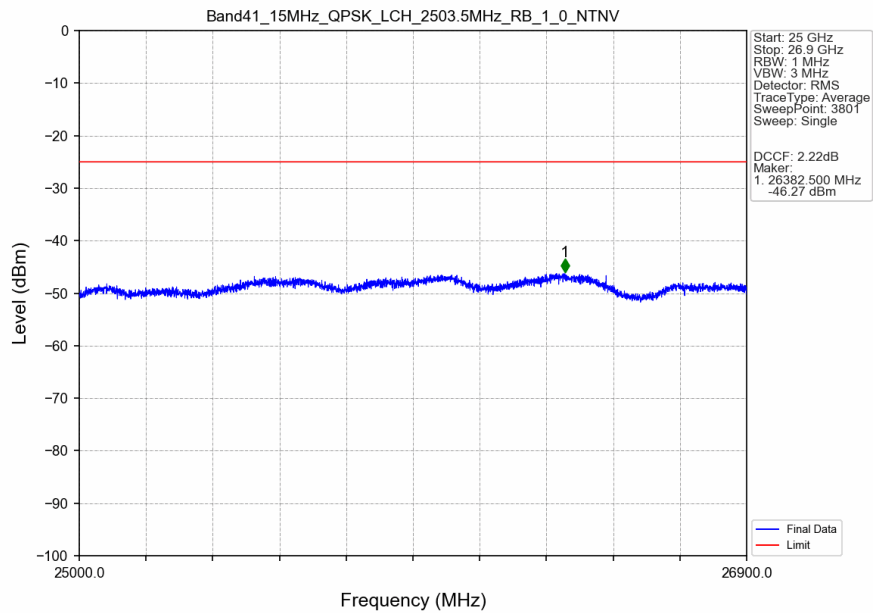
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



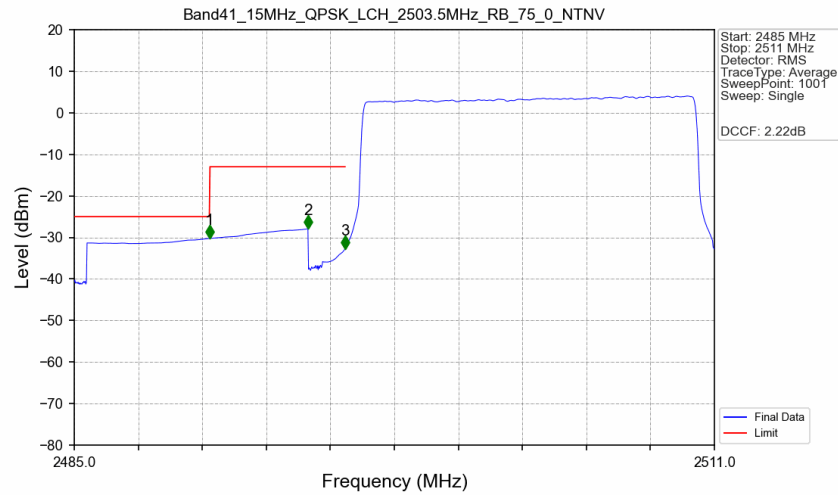
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

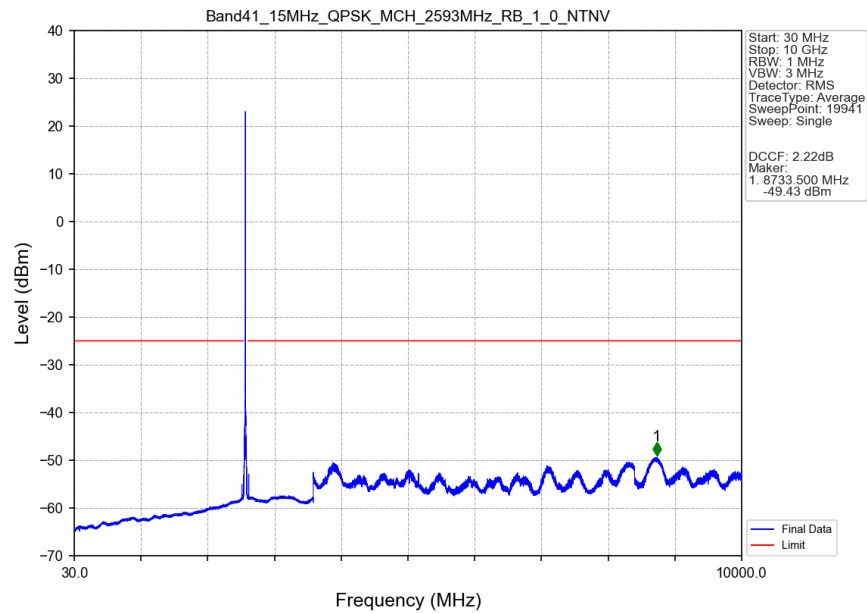


Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV

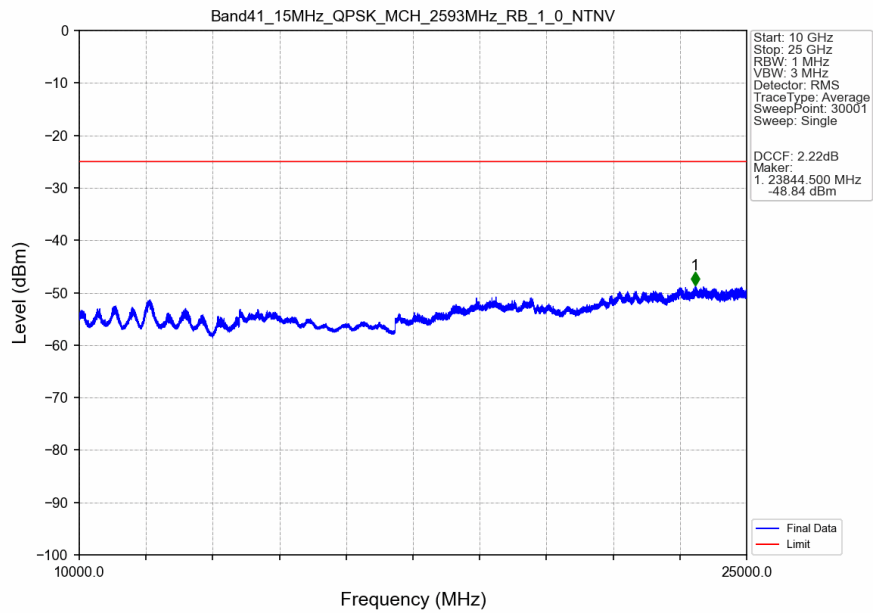


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.486	-30.25	-25	Pass
2490.5	2495	1	CHP	2	2494.490	-27.92	-13	Pass
2495	2496	0.155	CHP	3	2495.998	-32.76	-13	Pass
2496	2511	0.155	CHP	/	/	/	/	/

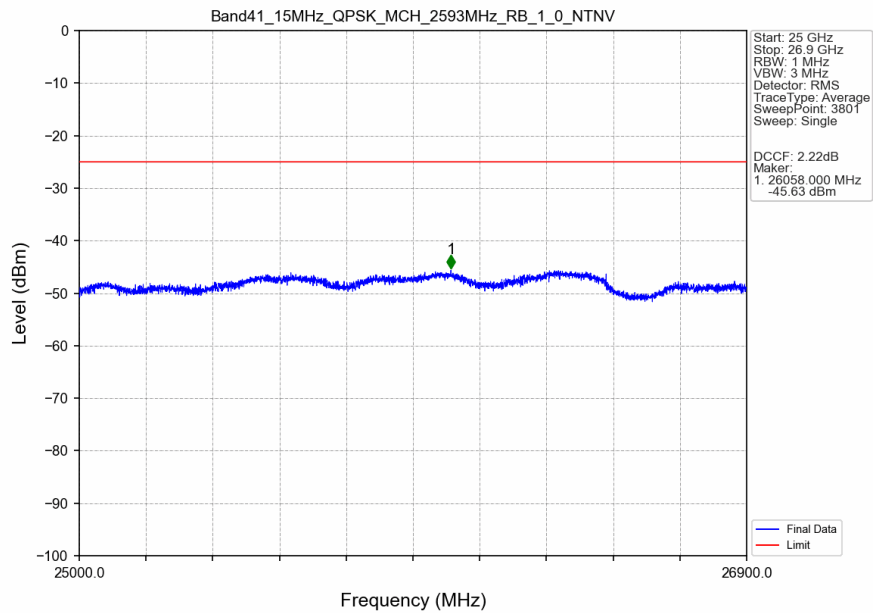
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



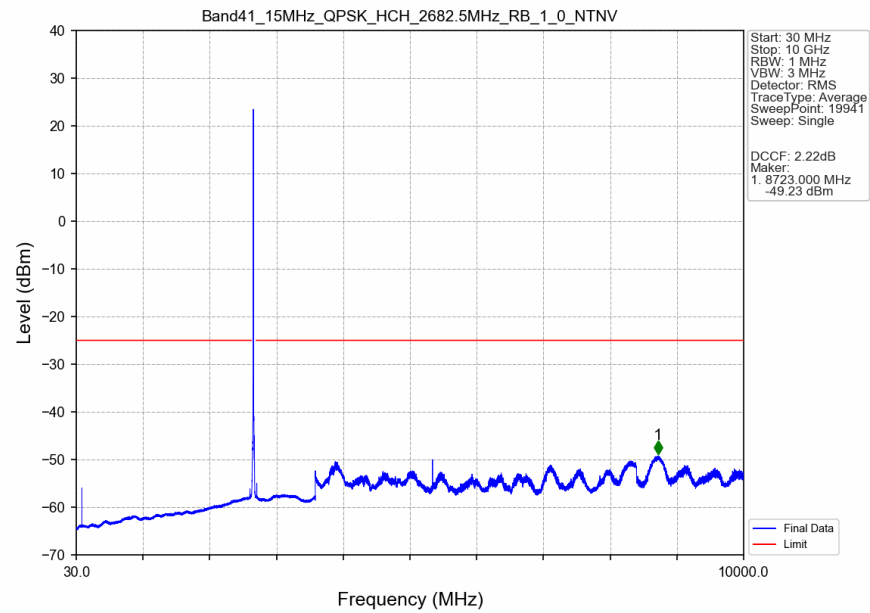
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



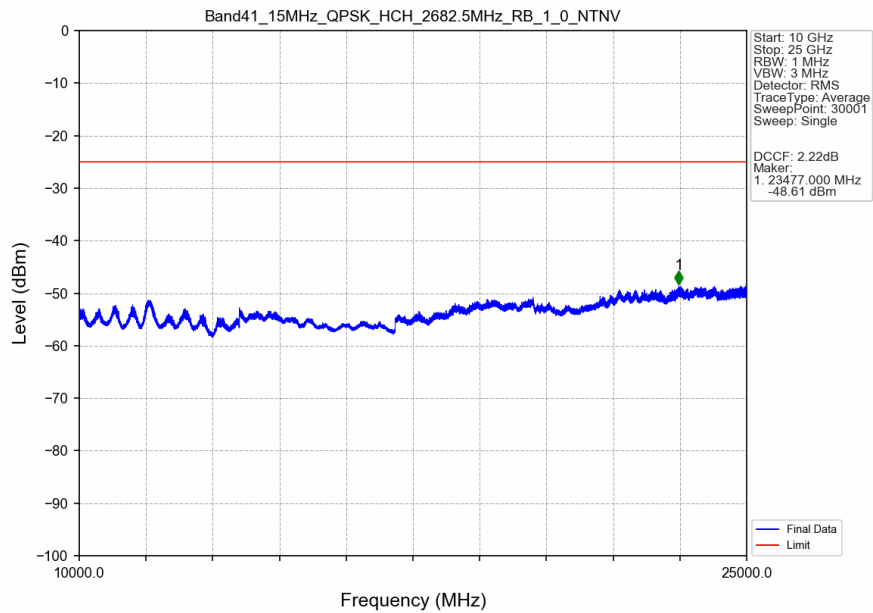
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



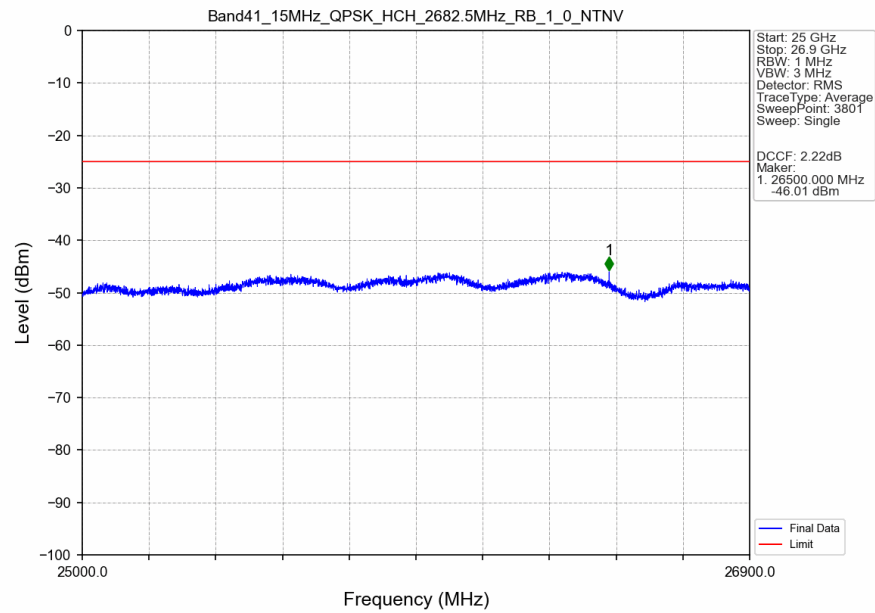
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



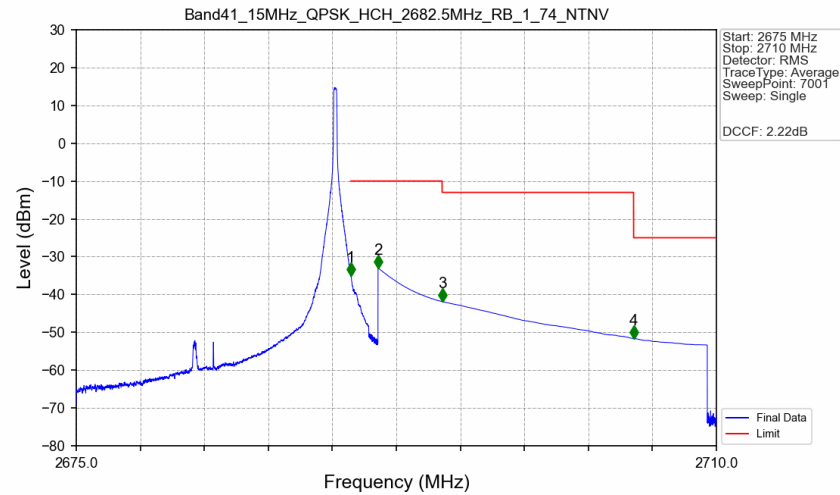
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV

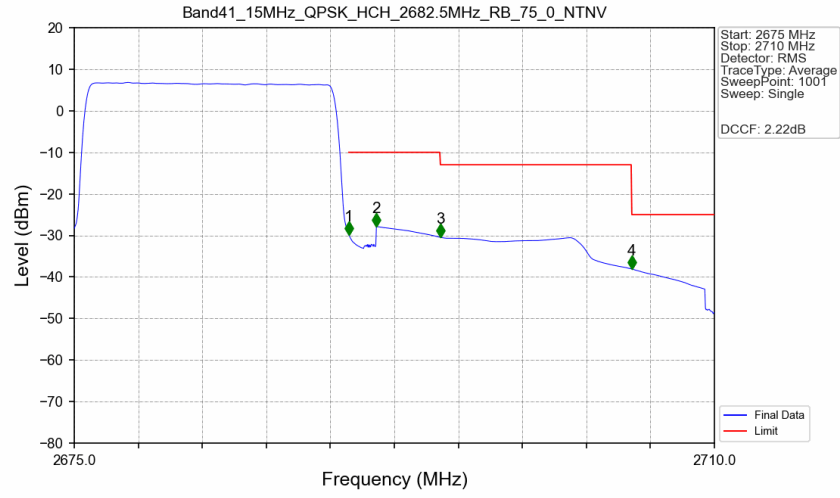


Band41 15MHz QPSK HCH 2682.5MHz RB 1 74 NTNV



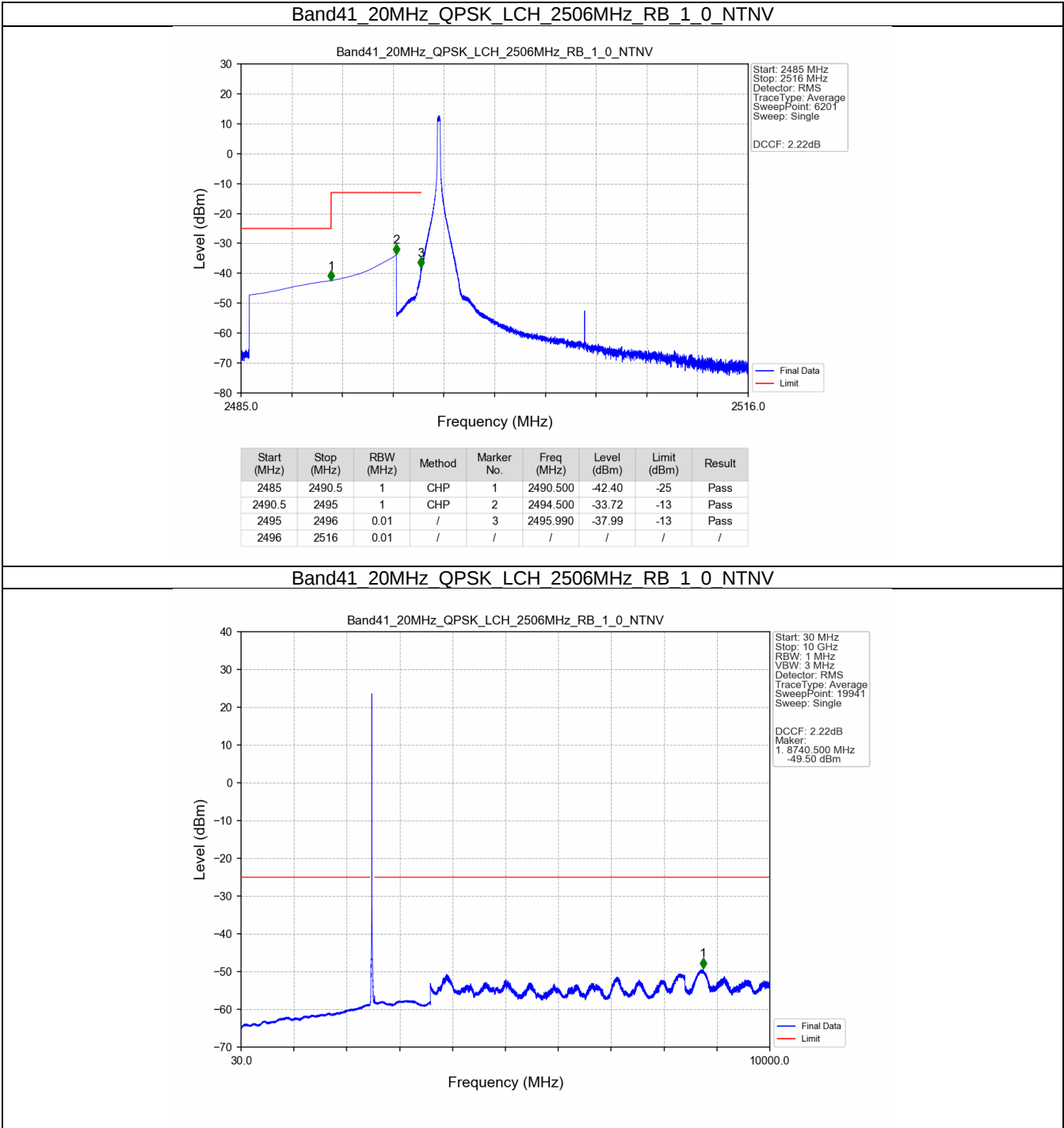
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.020	-35.05	-10	Pass
2691	2695	1	CHP	2	2691.500	-32.97	-10	Pass
2695	2705.473	1	CHP	3	2695.005	-41.89	-13	Pass
2705.473	2710	1	CHP	4	2705.490	-51.65	-25	Pass

Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTNV

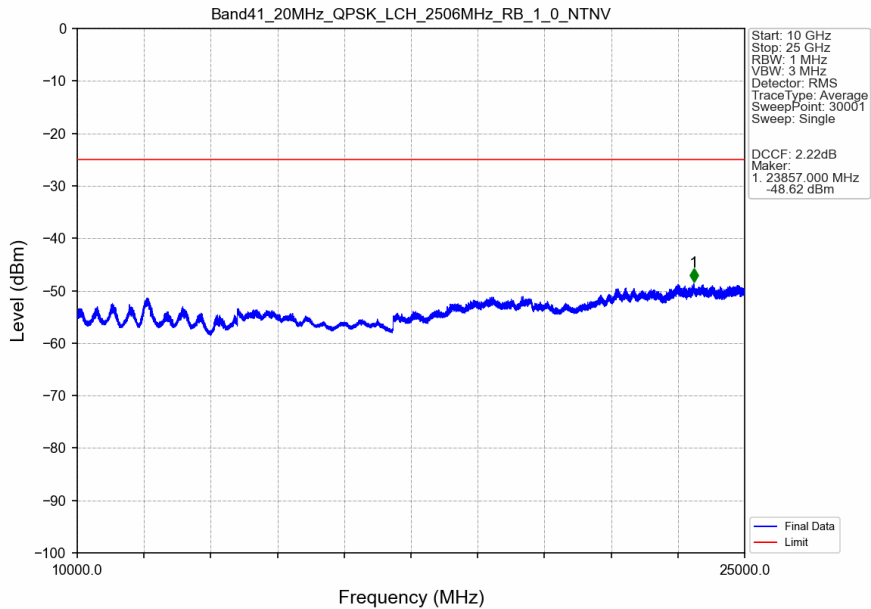


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.309	CHP	/	/	/	/	/
2690	2691	0.309	CHP	1	2690.015	-29.89	-10	Pass
2691	2695	1	CHP	2	2691.520	-27.87	-10	Pass
2695	2705.473	1	CHP	3	2695.020	-30.47	-13	Pass
2705.473	2710	1	CHP	4	2705.485	-38.09	-25	Pass

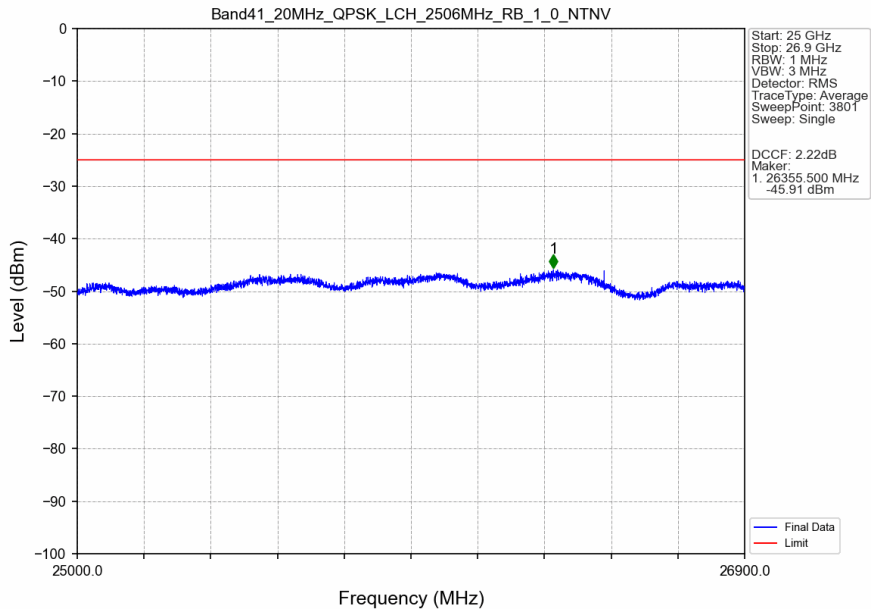
5.2.4 B41_20MHz



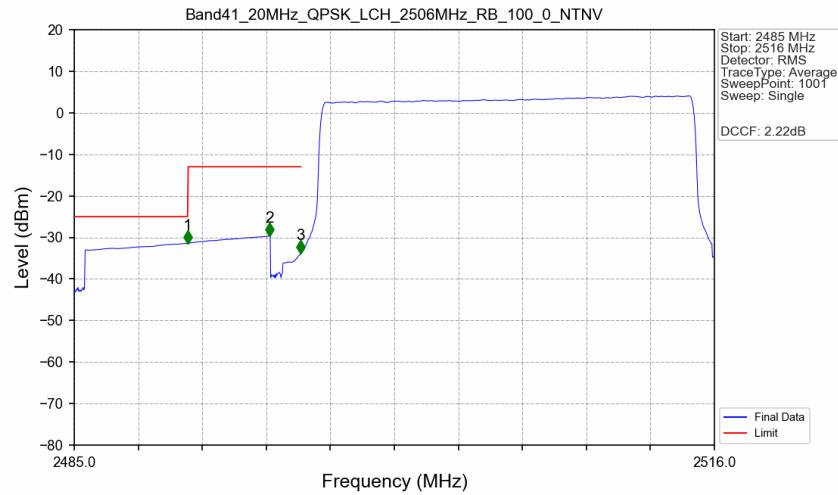
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

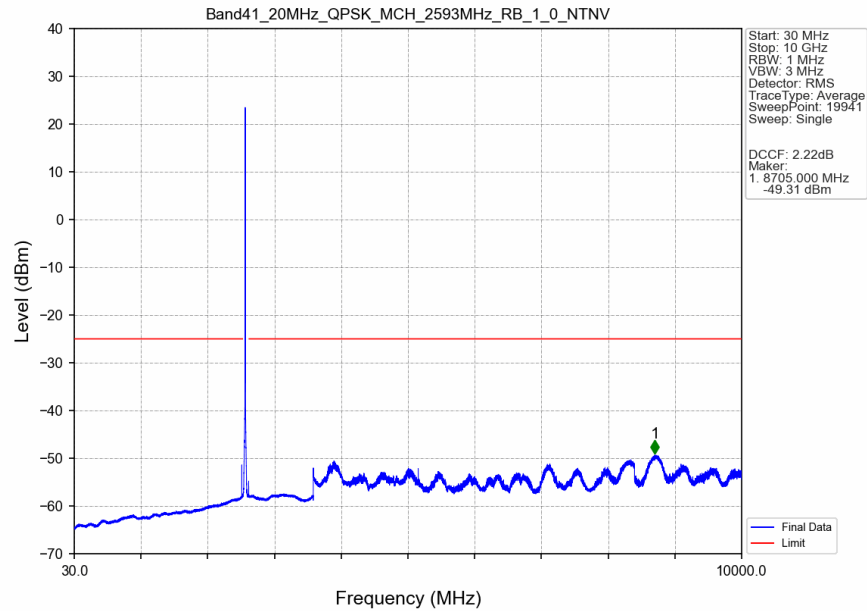


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

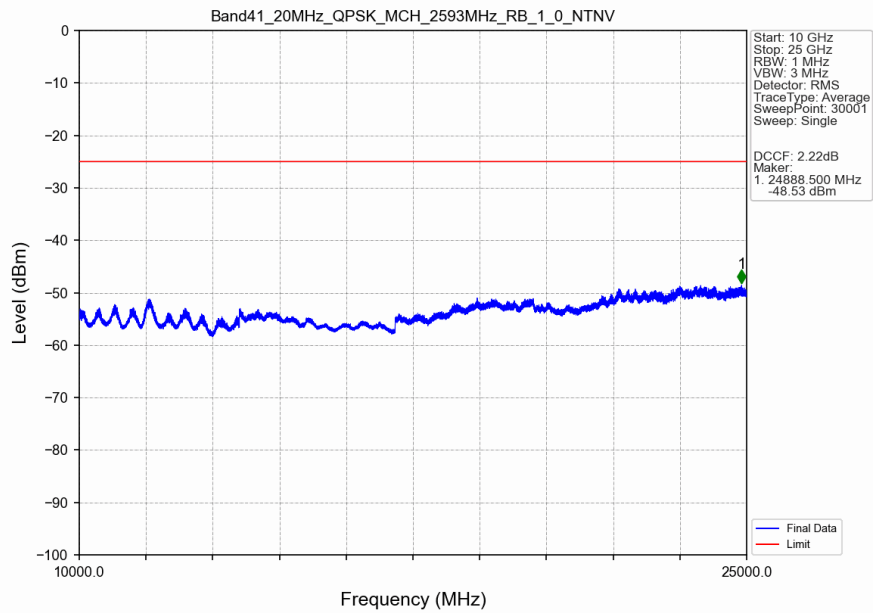


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.487	-31.42	-25	Pass
2490.5	2495	1	CHP	2	2494.455	-29.63	-13	Pass
2495	2496	0.207	CHP	3	2495.974	-33.84	-13	Pass
2496	2516	0.207	CHP	/	/	/	/	/

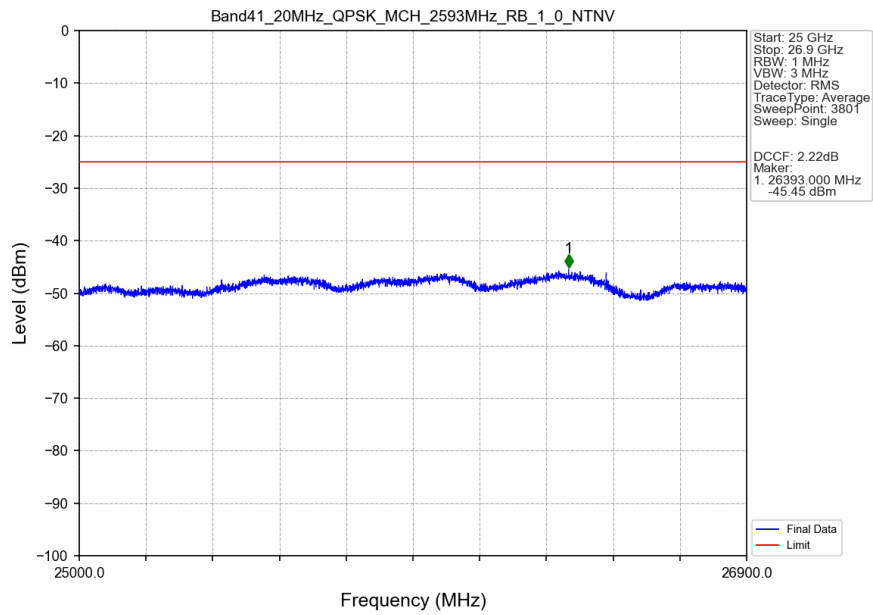
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



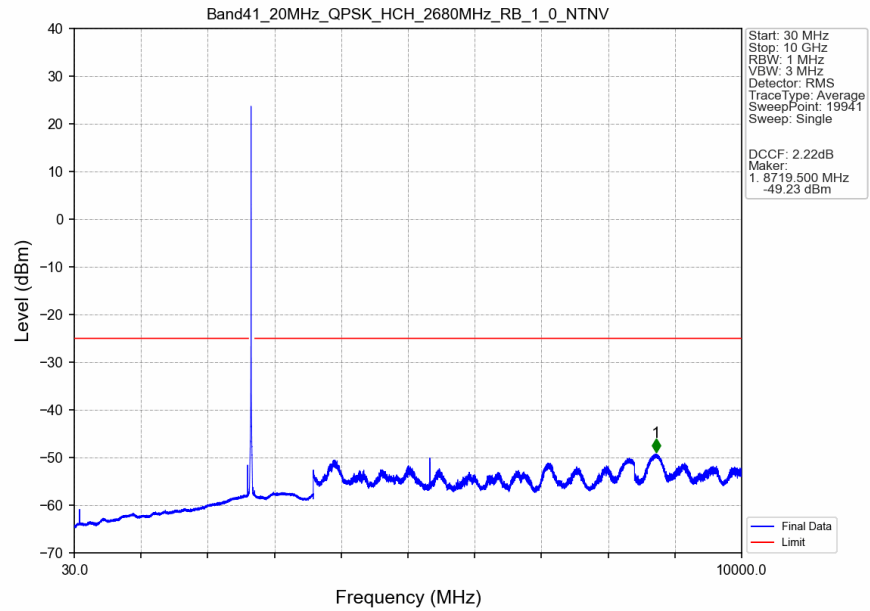
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



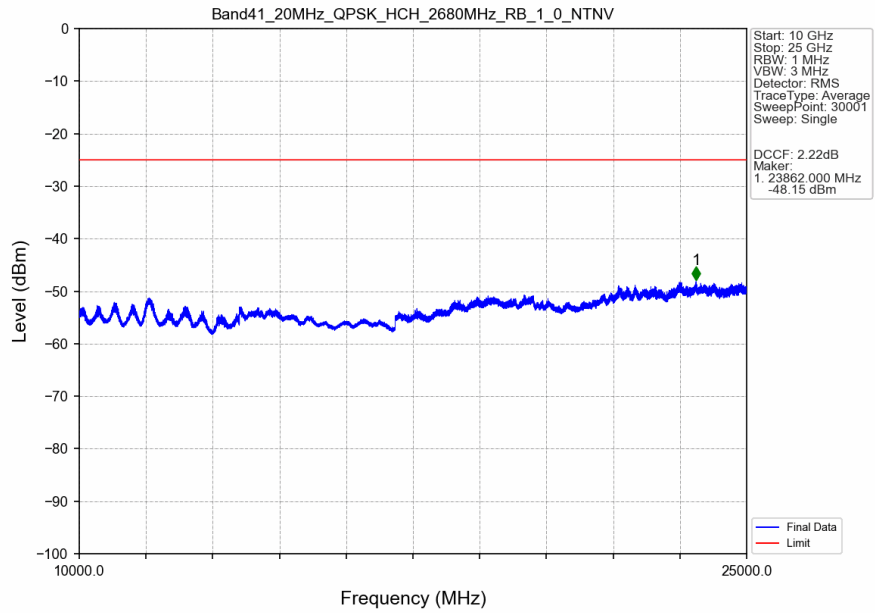
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



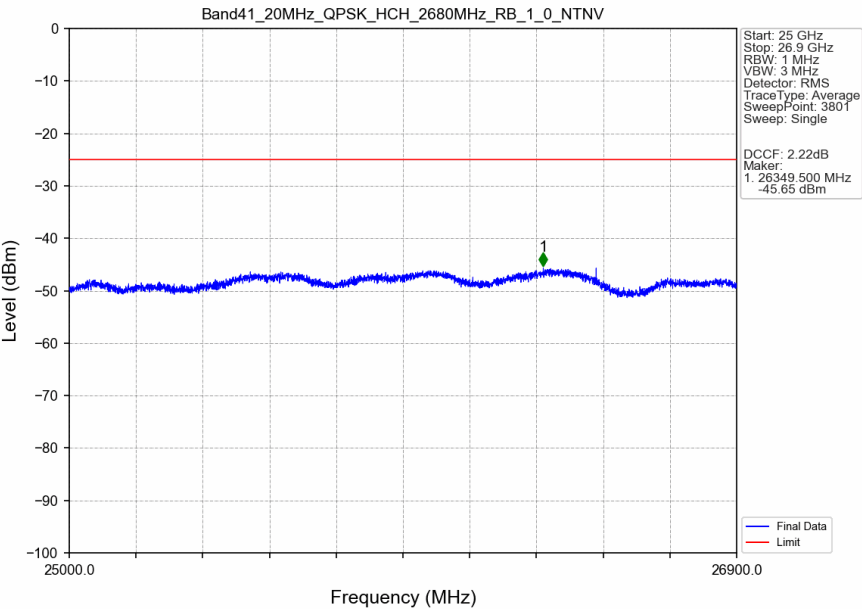
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



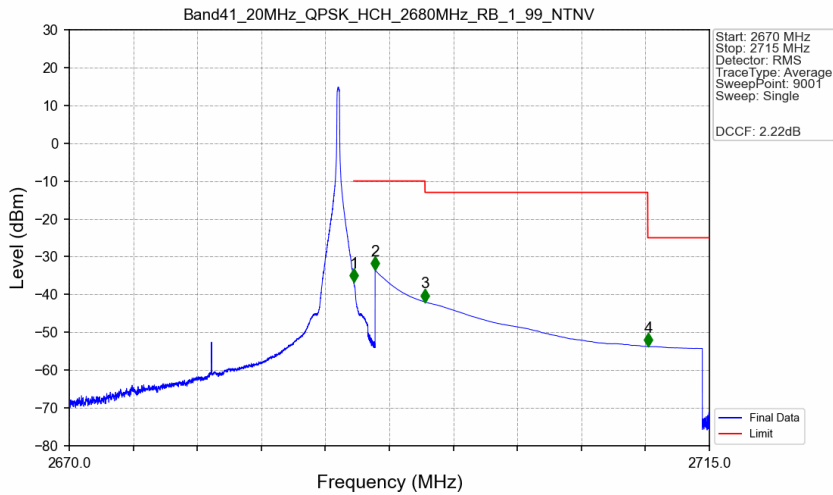
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

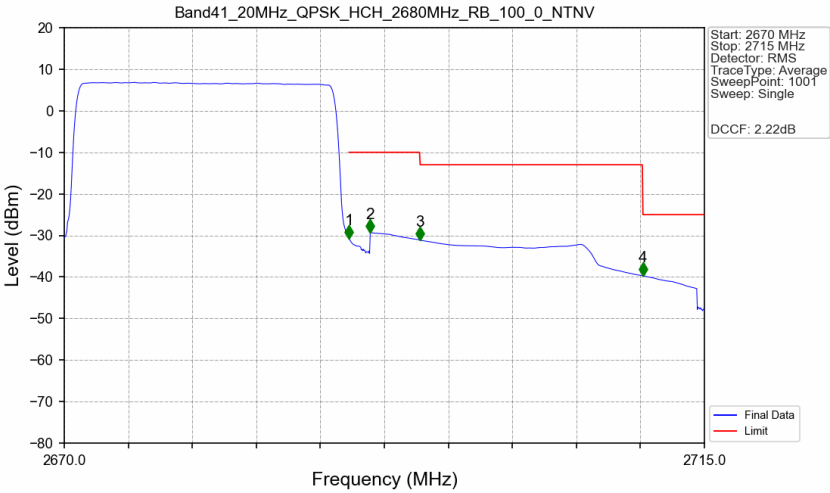


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



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	-36.69	-10	Pass
2691	2695	1	CHP	2	2691.500	-33.47	-10	Pass
2695	2710.66	1	CHP	3	2695.005	-41.97	-13	Pass
2710.66	2715	1	CHP	4	2710.715	-53.77	-25	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	0.413	CHP	/	/	/	/	/
2690	2691	0.413	CHP	1	2690.025	-30.78	-10	Pass
2691	2695	1	CHP	2	2691.510	-29.30	-10	Pass
2695	2710.66	1	CHP	3	2695.020	-31.14	-13	Pass
2710.66	2715	1	CHP	4	2710.680	-39.73	-25	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	-62.8	-25	-37.8	-68.36	4.57	10.13	Horizontal	Pass
7491.0	-60.64	-25	-35.64	-67.43	4.94	11.73	Horizontal	Pass
9988.0	-56.28	-25	-31.28	-63.86	5.46	13.04	Horizontal	Pass
4994.0	-62.82	-25	-37.82	-68.38	4.57	10.13	Vertical	Pass
7491.0	-59.24	-25	-34.24	-66.03	4.94	11.73	Vertical	Pass
9988.0	-55.18	-25	-30.18	-62.76	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	-63.03	-25	-38.03	-68.65	4.62	10.24	Horizontal	Pass
7752.0	-59.0	-25	-34.0	-66.08	4.96	12.04	Horizontal	Pass
10336.0	-56.46	-25	-31.46	-64.04	5.51	13.09	Horizontal	Pass
5168.0	-63.29	-25	-38.29	-68.91	4.62	10.24	Vertical	Pass
7752.0	-55.55	-25	-30.55	-62.63	4.96	12.04	Vertical	Pass
10336.0	-54.86	-25	-29.86	-62.44	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	-63.43	-25	-38.43	-69.1	4.68	10.35	Horizontal	Pass
8013.0	-59.1	-25	-34.1	-66.47	4.98	12.35	Horizontal	Pass
10684.0	-56.4	-25	-31.4	-63.95	5.63	13.18	Horizontal	Pass
5342.0	-63.38	-25	-38.38	-69.05	4.68	10.35	Vertical	Pass
8013.0	-58.34	-25	-33.34	-65.71	4.98	12.35	Vertical	Pass
10684.0	-55.84	-25	-30.84	-63.39	5.63	13.18	Vertical	Pass