

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B7_5MHz_EIRP

Band: 7 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	23.07	-3.00	20.07	<=33.01	Pass
			13	23.12	-3.00	20.12	<=33.01	Pass
			24	22.94	-3.00	19.94	<=33.01	Pass
		12	0	23.10	-3.00	20.10	<=33.01	Pass
			6	23.10	-3.00	20.10	<=33.01	Pass
			13	23.02	-3.00	20.02	<=33.01	Pass
		25	0	23.14	-3.00	20.14	<=33.01	Pass
	2535	1	0	22.97	-3.00	19.97	<=33.01	Pass
			13	23.22	-3.00	20.22	<=33.01	Pass
			24	23.05	-3.00	20.05	<=33.01	Pass
		12	0	23.14	-3.00	20.14	<=33.01	Pass
			6	23.19	-3.00	20.19	<=33.01	Pass
			13	23.10	-3.00	20.10	<=33.01	Pass
		25	0	23.17	-3.00	20.17	<=33.01	Pass
	2567.5	1	0	23.14	-3.00	20.14	<=33.01	Pass
			13	23.36	-3.00	20.36	<=33.01	Pass
			24	23.25	-3.00	20.25	<=33.01	Pass
		12	0	23.21	-3.00	20.21	<=33.01	Pass
			6	23.31	-3.00	20.31	<=33.01	Pass
			13	23.32	-3.00	20.32	<=33.01	Pass
		25	0	23.26	-3.00	20.26	<=33.01	Pass
16QAM	2502.5	1	0	22.37	-3.00	19.37	<=33.01	Pass
			13	22.40	-3.00	19.40	<=33.01	Pass
			24	22.19	-3.00	19.19	<=33.01	Pass
		12	0	21.13	-3.00	18.13	<=33.01	Pass
			6	21.15	-3.00	18.15	<=33.01	Pass
			13	21.12	-3.00	18.12	<=33.01	Pass
		25	0	21.14	-3.00	18.14	<=33.01	Pass
	2535	1	0	22.29	-3.00	19.29	<=33.01	Pass
			13	22.36	-3.00	19.36	<=33.01	Pass
			24	22.18	-3.00	19.18	<=33.01	Pass
		12	0	21.16	-3.00	18.16	<=33.01	Pass
			6	21.20	-3.00	18.20	<=33.01	Pass
			13	21.04	-3.00	18.04	<=33.01	Pass
		25	0	21.23	-3.00	18.23	<=33.01	Pass
	2567.5	1	0	22.43	-3.00	19.43	<=33.01	Pass
			13	22.61	-3.00	19.61	<=33.01	Pass
			24	22.45	-3.00	19.45	<=33.01	Pass
		12	0	21.24	-3.00	18.24	<=33.01	Pass
			6	21.30	-3.00	18.30	<=33.01	Pass
			13	21.29	-3.00	18.29	<=33.01	Pass
		25	0	21.28	-3.00	18.28	<=33.01	Pass
64QAM	2502.5	1	0	21.34	-3.00	18.34	<=33.01	Pass
			13	21.40	-3.00	18.40	<=33.01	Pass
			24	21.26	-3.00	18.26	<=33.01	Pass
		12	0	20.17	-3.00	17.17	<=33.01	Pass
			6	20.28	-3.00	17.28	<=33.01	Pass
			13	20.17	-3.00	17.17	<=33.01	Pass
		25	0	20.17	-3.00	17.17	<=33.01	Pass

	2535	1	0	21.43	-3.00	18.43	<=33.01	Pass
			13	21.50	-3.00	18.50	<=33.01	Pass
			24	21.30	-3.00	18.30	<=33.01	Pass
		12	0	20.05	-3.00	17.05	<=33.01	Pass
			6	20.04	-3.00	17.04	<=33.01	Pass
			13	20.01	-3.00	17.01	<=33.01	Pass
	2567.5	25	0	20.10	-3.00	17.10	<=33.01	Pass
			0	21.54	-3.00	18.54	<=33.01	Pass
			13	21.71	-3.00	18.71	<=33.01	Pass
		1	24	21.60	-3.00	18.60	<=33.01	Pass
			0	20.20	-3.00	17.20	<=33.01	Pass
			6	20.24	-3.00	17.24	<=33.01	Pass
		12	13	20.25	-3.00	17.25	<=33.01	Pass
			25	20.29	-3.00	17.29	<=33.01	Pass
			0	20.29	-3.00	17.29	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	23.19	-3.00	20.19	<=33.01	Pass
			25	23.11	-3.00	20.11	<=33.01	Pass
			49	22.98	-3.00	19.98	<=33.01	Pass
		25	0	23.06	-3.00	20.06	<=33.01	Pass
			13	23.06	-3.00	20.06	<=33.01	Pass
			25	23.05	-3.00	20.05	<=33.01	Pass
		50	0	23.06	-3.00	20.06	<=33.01	Pass
	2535	1	0	23.12	-3.00	20.12	<=33.01	Pass
			25	23.06	-3.00	20.06	<=33.01	Pass
			49	22.92	-3.00	19.92	<=33.01	Pass
		25	0	23.05	-3.00	20.05	<=33.01	Pass
			13	23.02	-3.00	20.02	<=33.01	Pass
			25	22.99	-3.00	19.99	<=33.01	Pass
		50	0	23.06	-3.00	20.06	<=33.01	Pass
	2565	1	0	23.08	-3.00	20.08	<=33.01	Pass
			25	23.30	-3.00	20.30	<=33.01	Pass
			49	23.33	-3.00	20.33	<=33.01	Pass
		25	0	23.14	-3.00	20.14	<=33.01	Pass
			13	23.21	-3.00	20.21	<=33.01	Pass
			25	23.23	-3.00	20.23	<=33.01	Pass
		50	0	23.20	-3.00	20.20	<=33.01	Pass
16QAM	2505	1	0	22.67	-3.00	19.67	<=33.01	Pass
			25	22.62	-3.00	19.62	<=33.01	Pass
			49	22.53	-3.00	19.53	<=33.01	Pass
		25	0	21.17	-3.00	18.17	<=33.01	Pass
			13	21.14	-3.00	18.14	<=33.01	Pass
			25	21.17	-3.00	18.17	<=33.01	Pass
		50	0	21.09	-3.00	18.09	<=33.01	Pass
	2535	1	0	22.27	-3.00	19.27	<=33.01	Pass
			25	22.24	-3.00	19.24	<=33.01	Pass
			49	22.09	-3.00	19.09	<=33.01	Pass
		25	0	21.07	-3.00	18.07	<=33.01	Pass
			13	21.11	-3.00	18.11	<=33.01	Pass
			25	21.04	-3.00	18.04	<=33.01	Pass
		50	0	21.10	-3.00	18.10	<=33.01	Pass
	2565	1	0	22.08	-3.00	19.08	<=33.01	Pass

			25	22.25	-3.00	19.25	<=33.01	Pass		
			49	22.29	-3.00	19.29	<=33.01	Pass		
		25	0	21.19	-3.00	18.19	<=33.01	Pass		
			13	21.32	-3.00	18.32	<=33.01	Pass		
			25	21.31	-3.00	18.31	<=33.01	Pass		
		50	0	21.24	-3.00	18.24	<=33.01	Pass		
64QAM	2505	1	0	21.48	-3.00	18.48	<=33.01	Pass		
			25	21.41	-3.00	18.41	<=33.01	Pass		
			49	21.33	-3.00	18.33	<=33.01	Pass		
		25	0	20.16	-3.00	17.16	<=33.01	Pass		
			13	20.17	-3.00	17.17	<=33.01	Pass		
			25	20.13	-3.00	17.13	<=33.01	Pass		
		50	0	20.13	-3.00	17.13	<=33.01	Pass		
		2535	1	0	21.30	-3.00	18.30	<=33.01	Pass	
				25	21.21	-3.00	18.21	<=33.01	Pass	
	49			21.12	-3.00	18.12	<=33.01	Pass		
	25		0	20.19	-3.00	17.19	<=33.01	Pass		
			13	20.19	-3.00	17.19	<=33.01	Pass		
			25	20.14	-3.00	17.14	<=33.01	Pass		
	50		0	20.16	-3.00	17.16	<=33.01	Pass		
	2565		1	0	21.26	-3.00	18.26	<=33.01	Pass	
				25	21.45	-3.00	18.45	<=33.01	Pass	
		49		21.45	-3.00	18.45	<=33.01	Pass		
		25	0	20.24	-3.00	17.24	<=33.01	Pass		
			13	20.35	-3.00	17.35	<=33.01	Pass		
			25	20.38	-3.00	17.38	<=33.01	Pass		
		50	0	20.24	-3.00	17.24	<=33.01	Pass		
		Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	23.15	-3.00	20.15	<=33.01	Pass
			38	23.12	-3.00	20.12	<=33.01	Pass
			74	22.96	-3.00	19.96	<=33.01	Pass
		36	0	23.03	-3.00	20.03	<=33.01	Pass
			18	23.11	-3.00	20.11	<=33.01	Pass
			39	23.03	-3.00	20.03	<=33.01	Pass
		75	0	23.06	-3.00	20.06	<=33.01	Pass
	2535	1	0	23.11	-3.00	20.11	<=33.01	Pass
			38	23.06	-3.00	20.06	<=33.01	Pass
			74	22.89	-3.00	19.89	<=33.01	Pass
		36	0	23.07	-3.00	20.07	<=33.01	Pass
			18	23.05	-3.00	20.05	<=33.01	Pass
			39	22.95	-3.00	19.95	<=33.01	Pass
		75	0	23.03	-3.00	20.03	<=33.01	Pass
	2562.5	1	0	22.90	-3.00	19.90	<=33.01	Pass
			38	23.15	-3.00	20.15	<=33.01	Pass
			74	23.25	-3.00	20.25	<=33.01	Pass
		36	0	23.01	-3.00	20.01	<=33.01	Pass
			18	23.12	-3.00	20.12	<=33.01	Pass
			39	23.22	-3.00	20.22	<=33.01	Pass
		75	0	23.17	-3.00	20.17	<=33.01	Pass
16QAM	2507.5	1	0	22.65	-3.00	19.65	<=33.01	Pass
			38	22.62	-3.00	19.62	<=33.01	Pass

		36	74	22.47	-3.00	19.47	<=33.01	Pass	
			0	21.12	-3.00	18.12	<=33.01	Pass	
				18	21.08	-3.00	18.08	<=33.01	Pass
			39	21.03	-3.00	18.03	<=33.01	Pass	
		75	0	21.08	-3.00	18.08	<=33.01	Pass	
	2535	1	0	22.27	-3.00	19.27	<=33.01	Pass	
			38	22.20	-3.00	19.20	<=33.01	Pass	
			74	21.99	-3.00	18.99	<=33.01	Pass	
		36	0	21.08	-3.00	18.08	<=33.01	Pass	
			18	21.07	-3.00	18.07	<=33.01	Pass	
			39	21.00	-3.00	18.00	<=33.01	Pass	
		75	0	21.04	-3.00	18.04	<=33.01	Pass	
	2562.5	1	0	22.20	-3.00	19.20	<=33.01	Pass	
			38	22.50	-3.00	19.50	<=33.01	Pass	
			74	22.56	-3.00	19.56	<=33.01	Pass	
		36	0	20.99	-3.00	17.99	<=33.01	Pass	
			18	21.08	-3.00	18.08	<=33.01	Pass	
			39	21.14	-3.00	18.14	<=33.01	Pass	
	75	0	21.10	-3.00	18.10	<=33.01	Pass		
	64QAM	2507.5	1	0	21.48	-3.00	18.48	<=33.01	Pass
				38	21.44	-3.00	18.44	<=33.01	Pass
74				21.27	-3.00	18.27	<=33.01	Pass	
36			0	20.10	-3.00	17.10	<=33.01	Pass	
			18	20.12	-3.00	17.12	<=33.01	Pass	
			39	20.06	-3.00	17.06	<=33.01	Pass	
75			0	20.07	-3.00	17.07	<=33.01	Pass	
2535		1	0	21.27	-3.00	18.27	<=33.01	Pass	
			38	21.22	-3.00	18.22	<=33.01	Pass	
			74	21.07	-3.00	18.07	<=33.01	Pass	
		36	0	20.14	-3.00	17.14	<=33.01	Pass	
			18	20.15	-3.00	17.15	<=33.01	Pass	
			39	20.05	-3.00	17.05	<=33.01	Pass	
75		0	20.07	-3.00	17.07	<=33.01	Pass		
2562.5		1	0	21.47	-3.00	18.47	<=33.01	Pass	
			38	21.74	-3.00	18.74	<=33.01	Pass	
			74	21.86	-3.00	18.86	<=33.01	Pass	
		36	0	19.97	-3.00	16.97	<=33.01	Pass	
			18	20.16	-3.00	17.16	<=33.01	Pass	
			39	20.18	-3.00	17.18	<=33.01	Pass	
		75	0	20.12	-3.00	17.12	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	23.09	-3.00	20.09	<=33.01	Pass
			50	23.08	-3.00	20.08	<=33.01	Pass
			99	22.96	-3.00	19.96	<=33.01	Pass
		50	0	23.00	-3.00	20.00	<=33.01	Pass
			25	23.14	-3.00	20.14	<=33.01	Pass
			50	23.01	-3.00	20.01	<=33.01	Pass
		100	0	23.03	-3.00	20.03	<=33.01	Pass
	2535	1	0	23.10	-3.00	20.10	<=33.01	Pass
			50	23.07	-3.00	20.07	<=33.01	Pass
			99	22.76	-3.00	19.76	<=33.01	Pass

		50	0	23.06	-3.00	20.06	<=33.01	Pass
			25	23.09	-3.00	20.09	<=33.01	Pass
			50	22.99	-3.00	19.99	<=33.01	Pass
		100	0	22.99	-3.00	19.99	<=33.01	Pass
	2560	1	0	22.74	-3.00	19.74	<=33.01	Pass
			50	23.06	-3.00	20.06	<=33.01	Pass
			99	23.12	-3.00	20.12	<=33.01	Pass
		50	0	22.89	-3.00	19.89	<=33.01	Pass
			25	23.00	-3.00	20.00	<=33.01	Pass
			50	23.14	-3.00	20.14	<=33.01	Pass
100		0	23.07	-3.00	20.07	<=33.01	Pass	
16QAM	2510	1	0	22.32	-3.00	19.32	<=33.01	Pass
			50	22.35	-3.00	19.35	<=33.01	Pass
			99	22.28	-3.00	19.28	<=33.01	Pass
		50	0	21.02	-3.00	18.02	<=33.01	Pass
			25	21.11	-3.00	18.11	<=33.01	Pass
			50	21.01	-3.00	18.01	<=33.01	Pass
		100	0	21.02	-3.00	18.02	<=33.01	Pass
	2535	1	0	22.30	-3.00	19.30	<=33.01	Pass
			50	22.26	-3.00	19.26	<=33.01	Pass
			99	21.97	-3.00	18.97	<=33.01	Pass
		50	0	21.07	-3.00	18.07	<=33.01	Pass
			25	21.09	-3.00	18.09	<=33.01	Pass
			50	20.99	-3.00	17.99	<=33.01	Pass
		100	0	21.03	-3.00	18.03	<=33.01	Pass
	2560	1	0	22.34	-3.00	19.34	<=33.01	Pass
			50	22.62	-3.00	19.62	<=33.01	Pass
			99	22.71	-3.00	19.71	<=33.01	Pass
		50	0	20.94	-3.00	17.94	<=33.01	Pass
			25	21.04	-3.00	18.04	<=33.01	Pass
			50	21.11	-3.00	18.11	<=33.01	Pass
		100	0	21.06	-3.00	18.06	<=33.01	Pass
64QAM	2510	1	0	21.45	-3.00	18.45	<=33.01	Pass
			50	21.51	-3.00	18.51	<=33.01	Pass
			99	21.39	-3.00	18.39	<=33.01	Pass
		50	0	20.13	-3.00	17.13	<=33.01	Pass
			25	20.19	-3.00	17.19	<=33.01	Pass
			50	20.12	-3.00	17.12	<=33.01	Pass
		100	0	20.06	-3.00	17.06	<=33.01	Pass
	2535	1	0	21.80	-3.00	18.80	<=33.01	Pass
			50	21.75	-3.00	18.75	<=33.01	Pass
			99	21.41	-3.00	18.41	<=33.01	Pass
		50	0	20.15	-3.00	17.15	<=33.01	Pass
			25	20.20	-3.00	17.20	<=33.01	Pass
			50	20.08	-3.00	17.08	<=33.01	Pass
		100	0	20.03	-3.00	17.03	<=33.01	Pass
	2560	1	0	21.06	-3.00	18.06	<=33.01	Pass
			50	21.36	-3.00	18.36	<=33.01	Pass
			99	21.43	-3.00	18.43	<=33.01	Pass
		50	0	20.01	-3.00	17.01	<=33.01	Pass
			25	20.13	-3.00	17.13	<=33.01	Pass
			50	20.17	-3.00	17.17	<=33.01	Pass
		100	0	20.10	-3.00	17.10	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B7_10MHz

Band: 7 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2535	50	0	20	LV	-0.941	-0.0004	-2.5 to 2.5	Pass
					NV	-3.780	-0.0015	-2.5 to 2.5	Pass
					HV	-4.701	-0.0019	-2.5 to 2.5	Pass
				-30	NV	-2.596	-0.0010	-2.5 to 2.5	Pass
				-20	NV	-3.713	-0.0015	-2.5 to 2.5	Pass
				-10	NV	-2.106	-0.0008	-2.5 to 2.5	Pass
				0	NV	-4.853	-0.0019	-2.5 to 2.5	Pass
				10	NV	-5.701	-0.0022	-2.5 to 2.5	Pass
				30	NV	-4.691	-0.0019	-2.5 to 2.5	Pass
				40	NV	-5.643	-0.0022	-2.5 to 2.5	Pass
				50	NV	-5.527	-0.0022	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

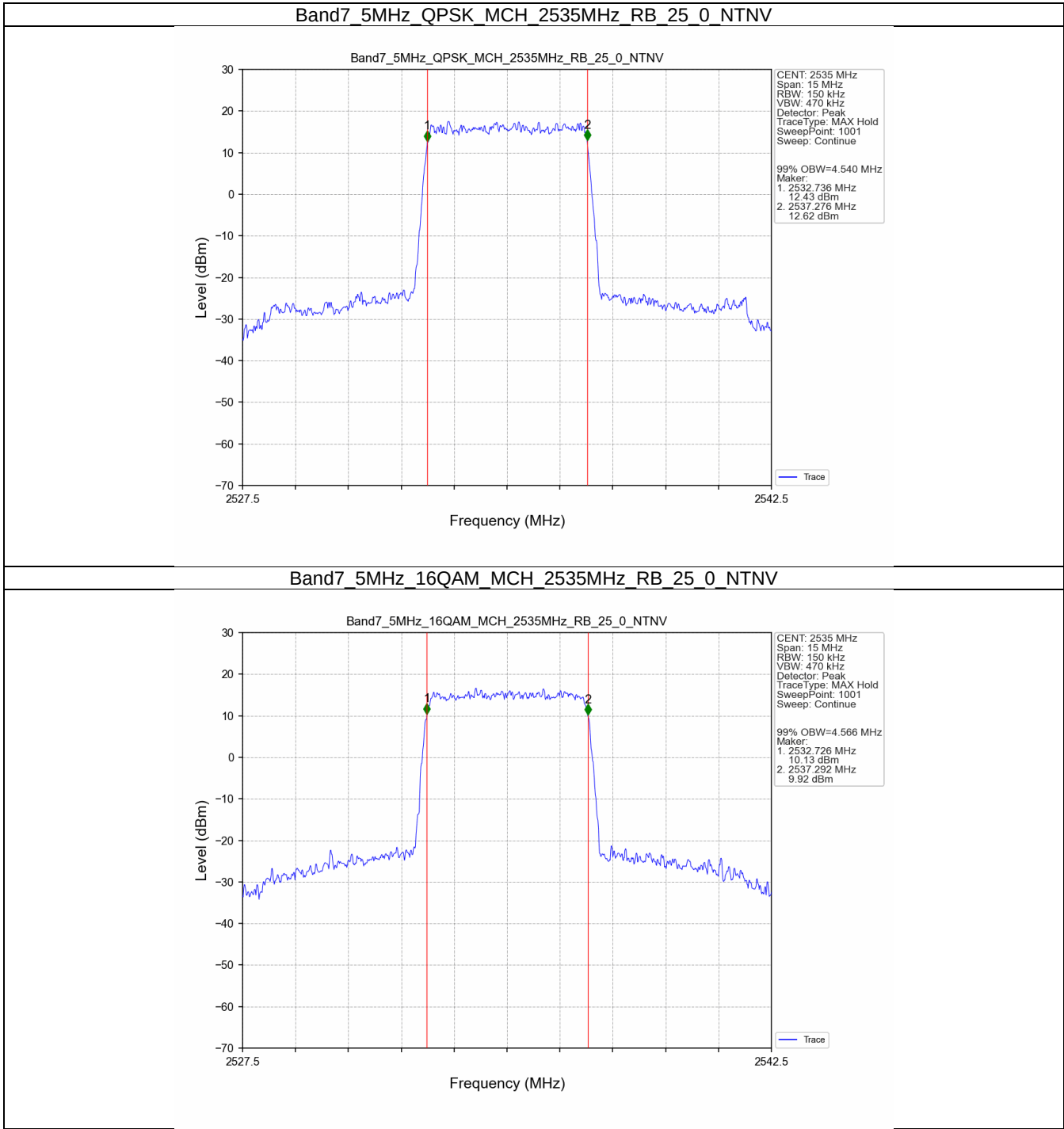
Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.540	/	Pass
	16QAM	2535	25	0	4.566	/	Pass
	64QAM	2535	25	0	4.537	/	Pass
10	QPSK	2535	50	0	9.053	/	Pass
	16QAM	2535	50	0	9.040	/	Pass
	64QAM	2535	50	0	9.019	/	Pass
15	QPSK	2535	75	0	13.565	/	Pass
	16QAM	2535	75	0	13.588	/	Pass
	64QAM	2535	75	0	13.551	/	Pass
20	QPSK	2535	100	0	18.068	/	Pass
	16QAM	2535	100	0	18.125	/	Pass
	64QAM	2535	100	0	18.039	/	Pass

3.1.2 Band7_XDB

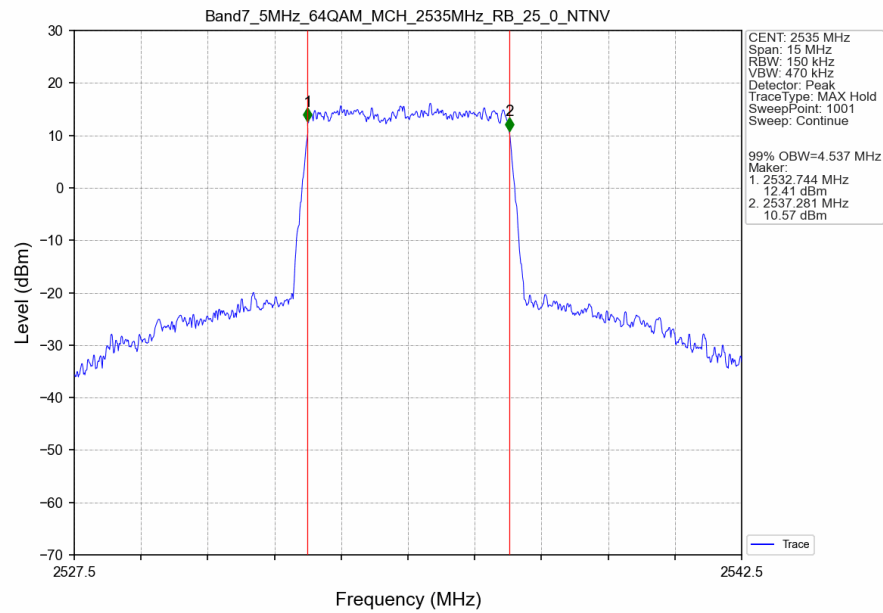
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.969	/	Pass
	16QAM	2535	25	0	4.991	/	Pass
	64QAM	2535	25	0	5.000	/	Pass
10	QPSK	2535	50	0	9.965	/	Pass
	16QAM	2535	50	0	9.870	/	Pass
	64QAM	2535	50	0	9.905	/	Pass
15	QPSK	2535	75	0	14.877	/	Pass
	16QAM	2535	75	0	14.844	/	Pass
	64QAM	2535	75	0	14.866	/	Pass
20	QPSK	2535	100	0	19.671	/	Pass
	16QAM	2535	100	0	19.600	/	Pass
	64QAM	2535	100	0	19.705	/	Pass

3.2 Test Graph

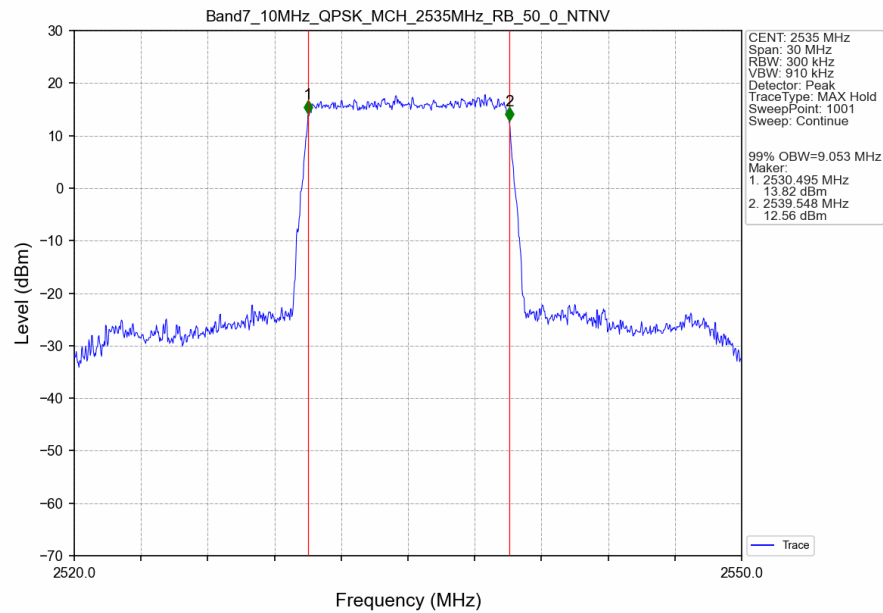
3.2.1 Band7_OBW



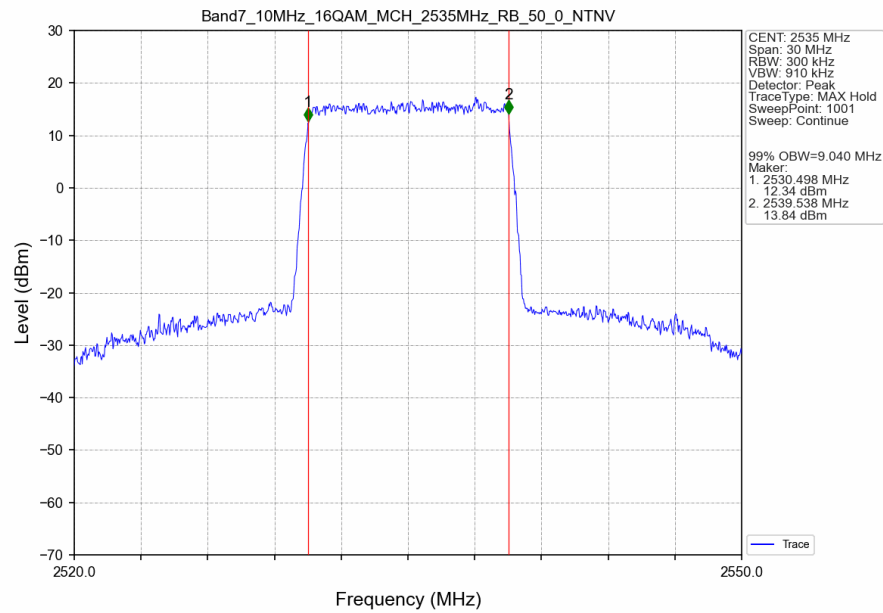
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTV



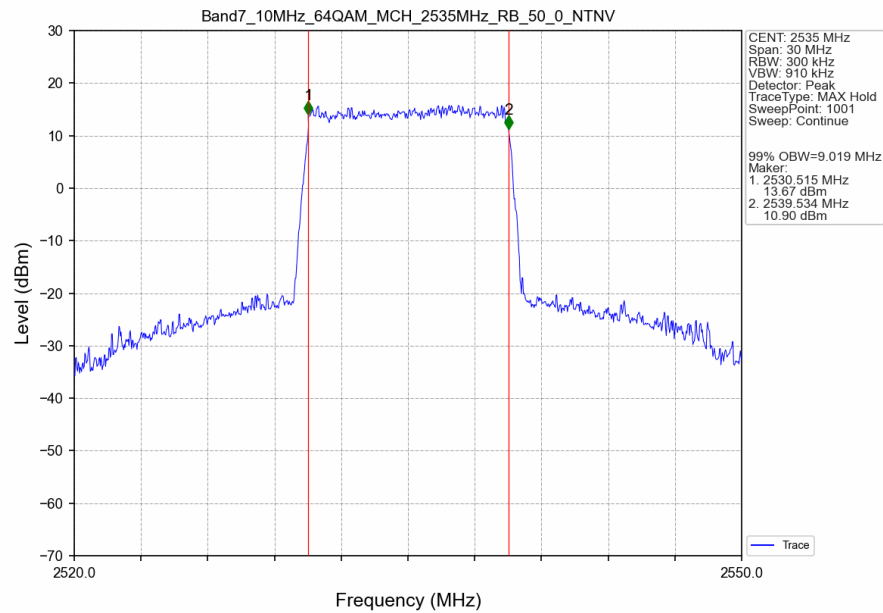
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTV



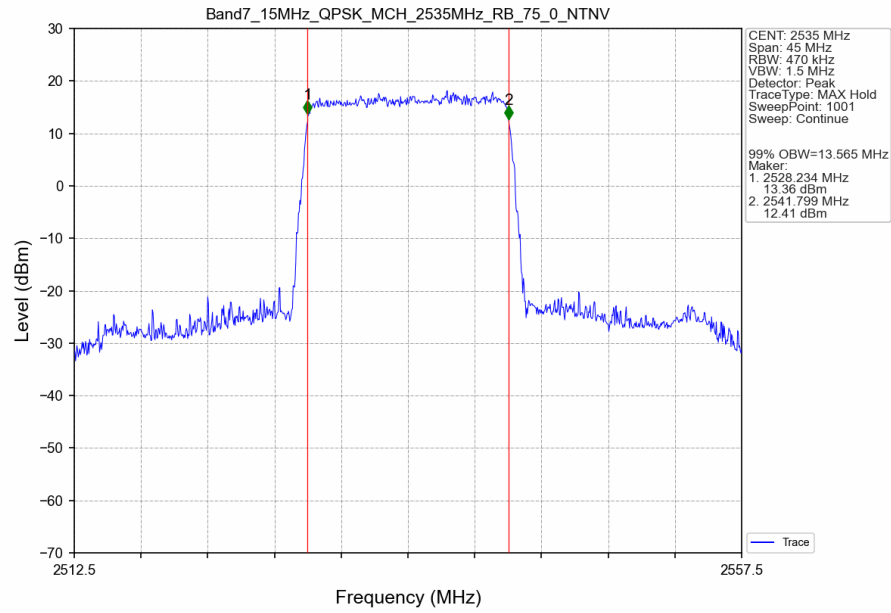
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTNV



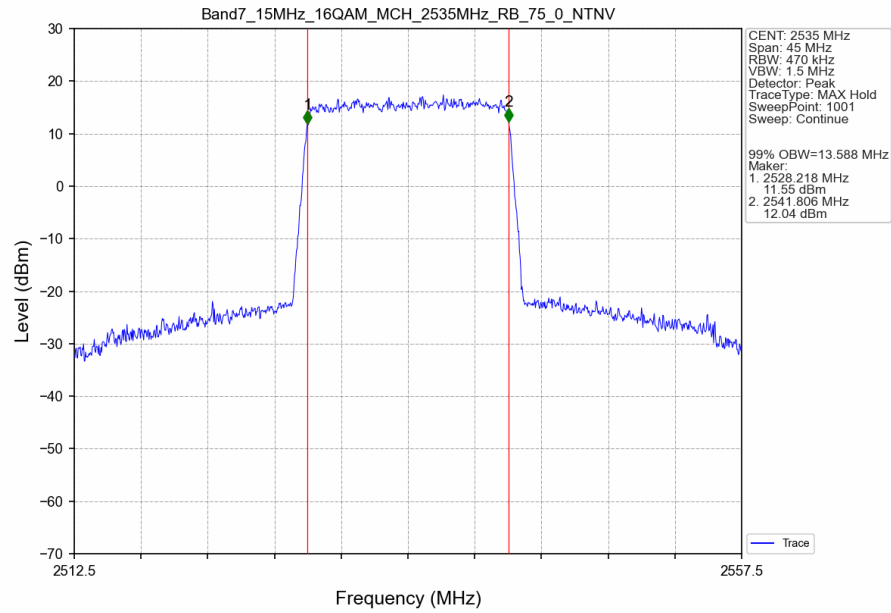
Band7 10MHz 64QAM MCH 2535MHz RB 50 0 NTNV



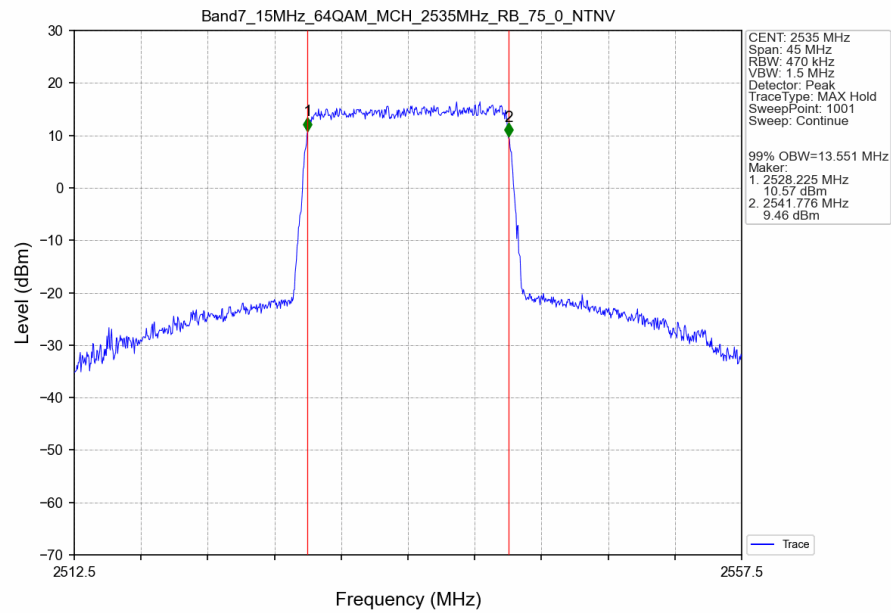
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTN



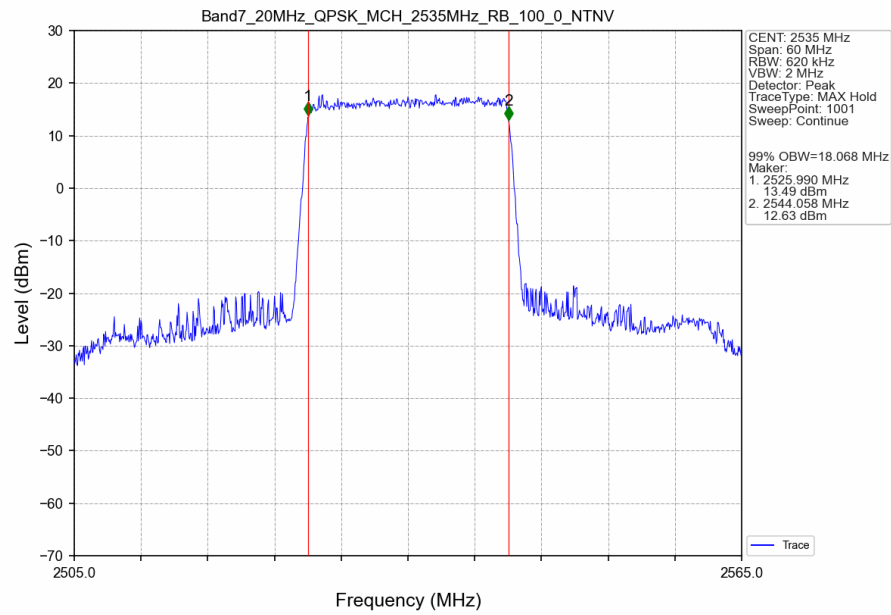
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTN



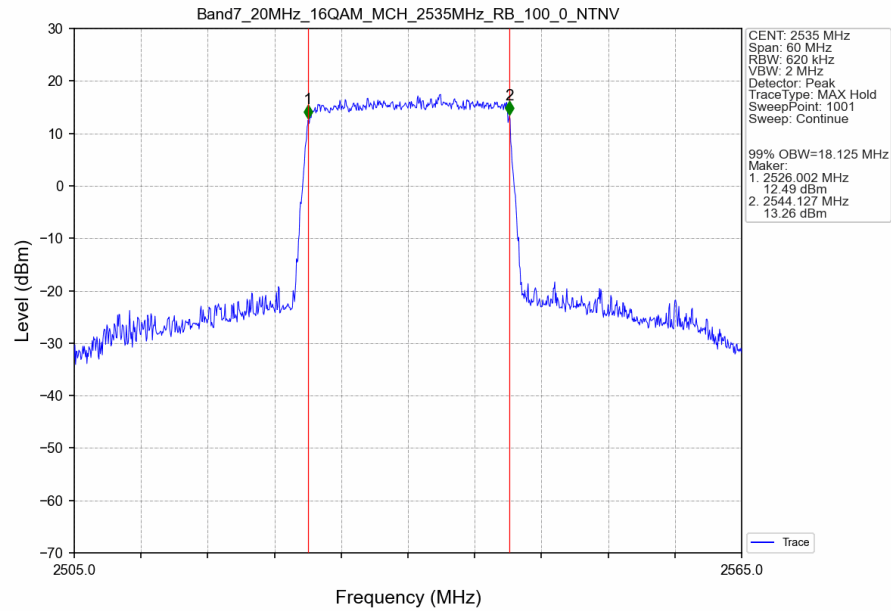
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNV



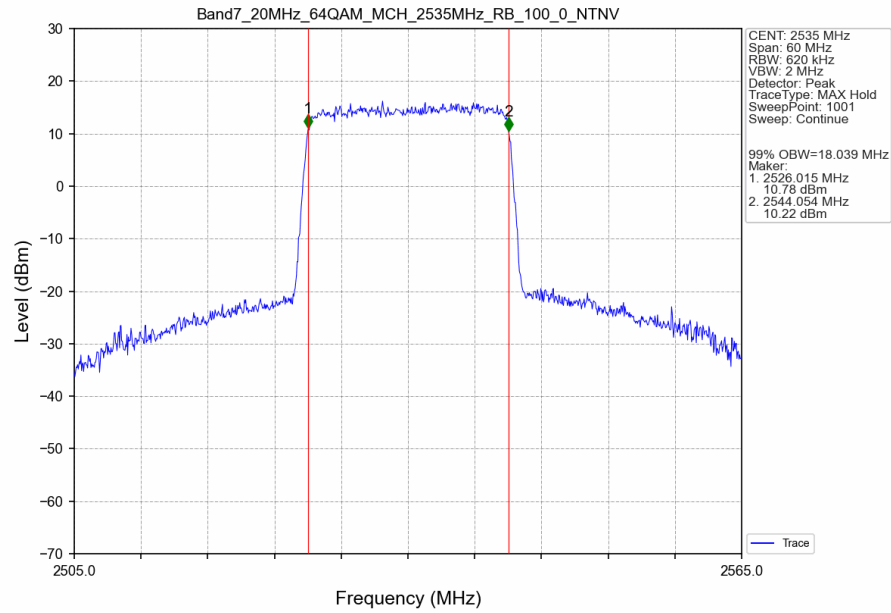
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



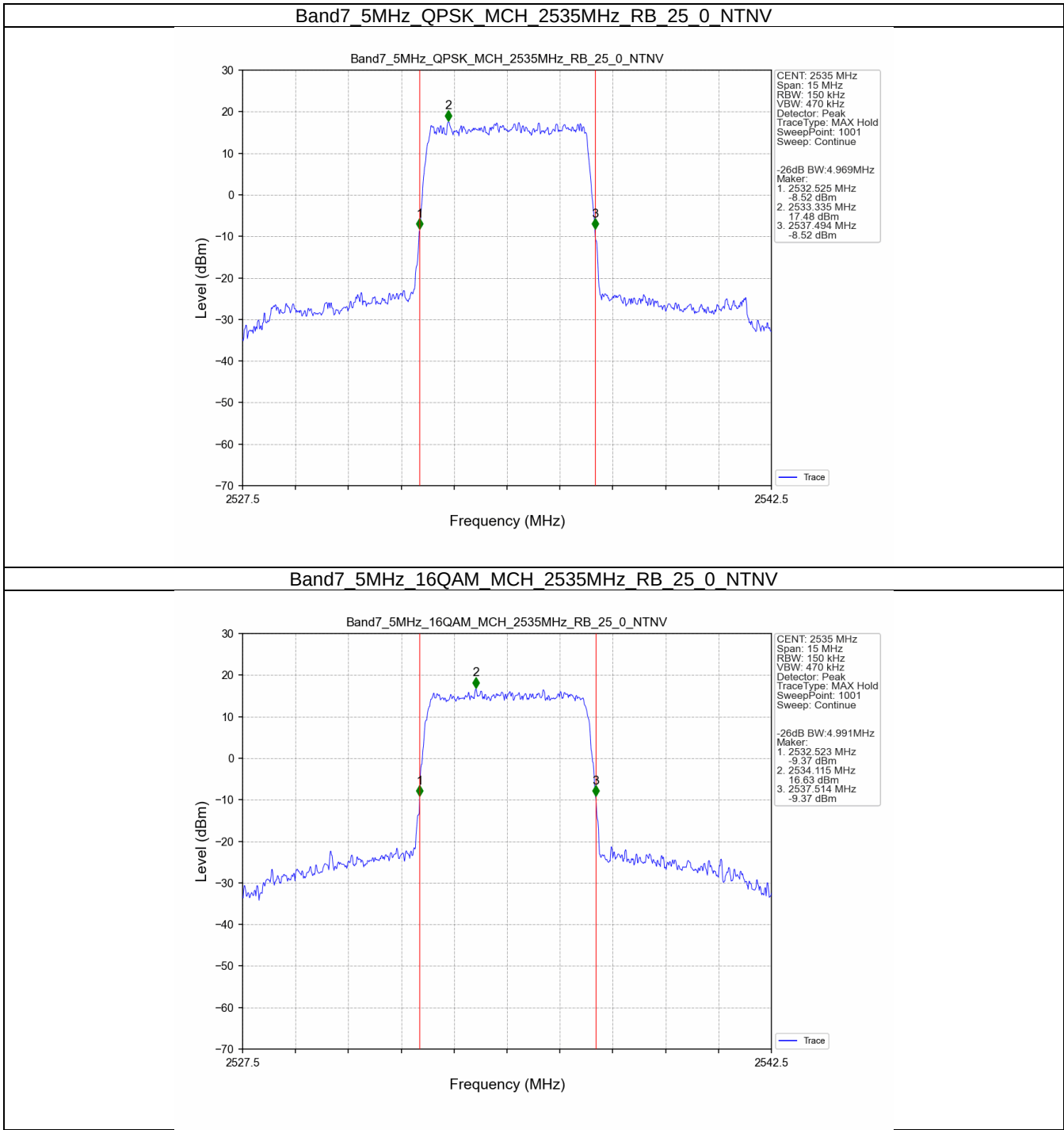
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



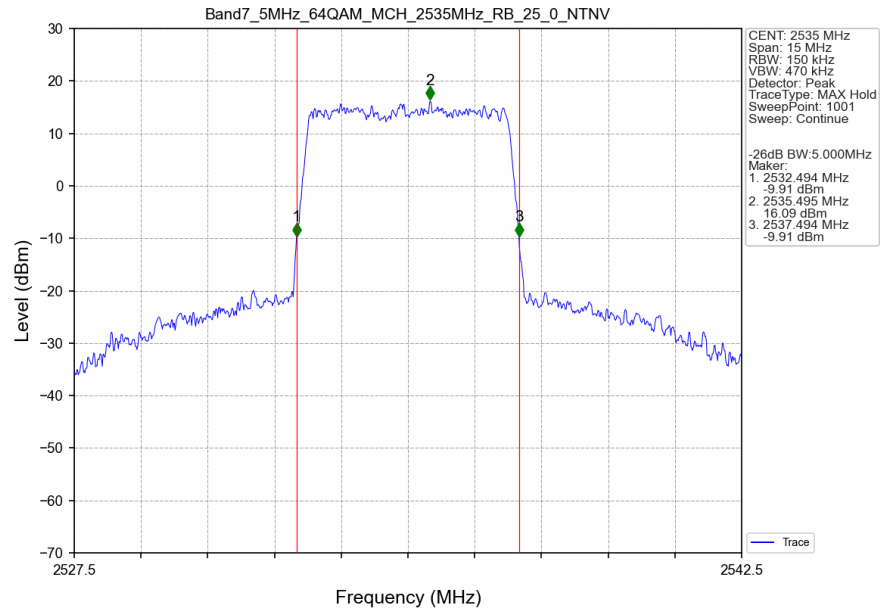
Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



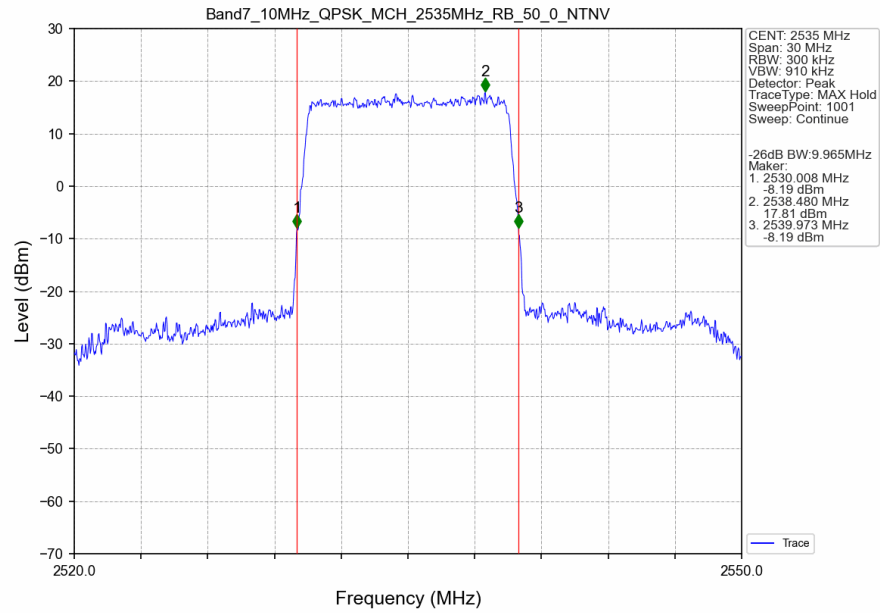
3.2.2 Band7_XDB



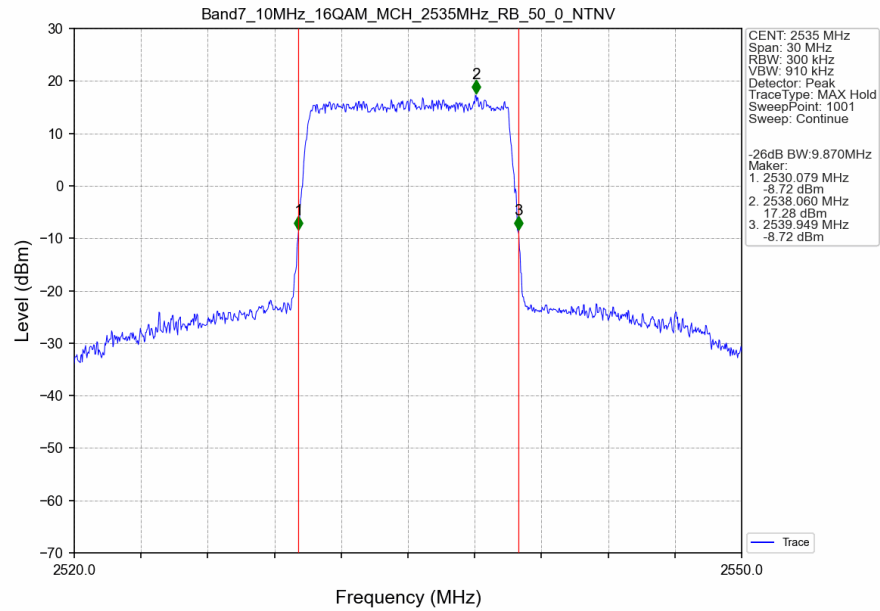
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTNV



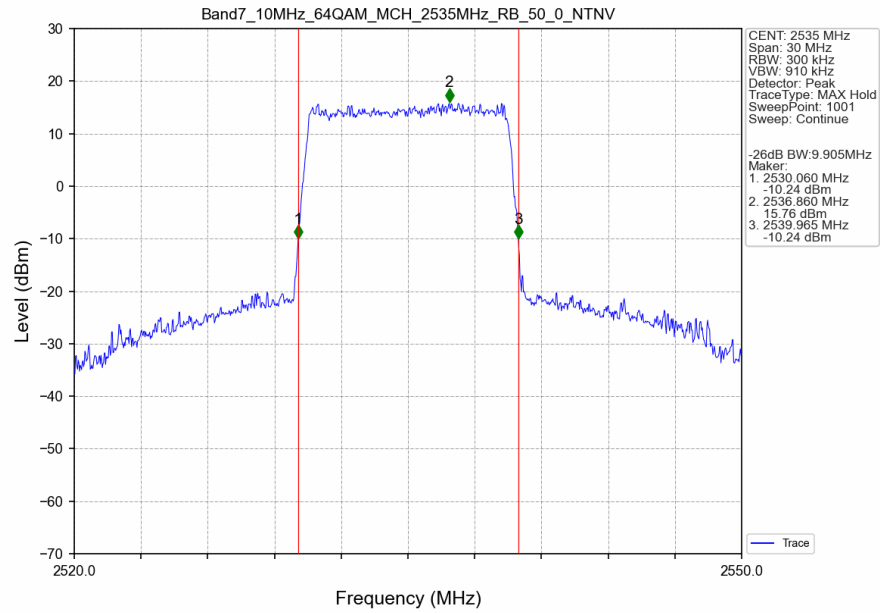
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTNV



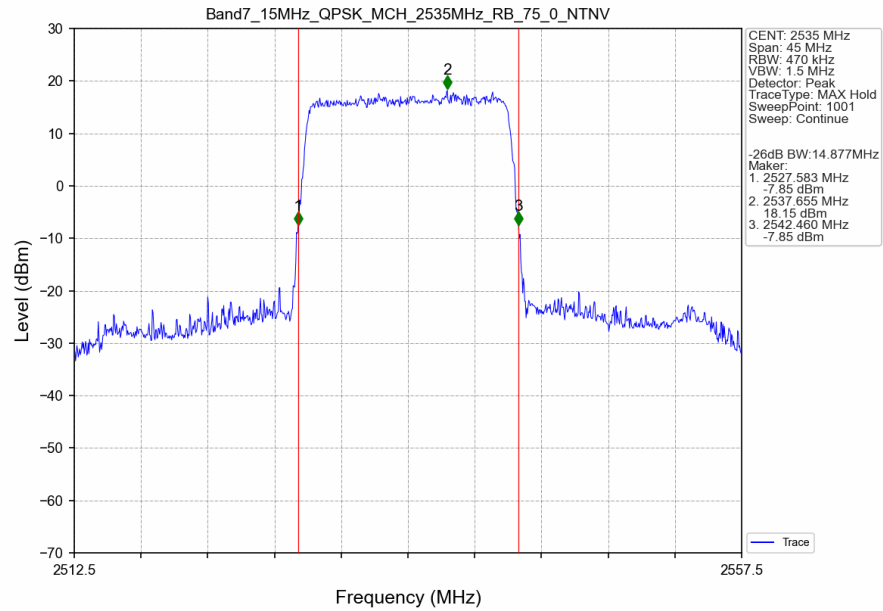
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTN



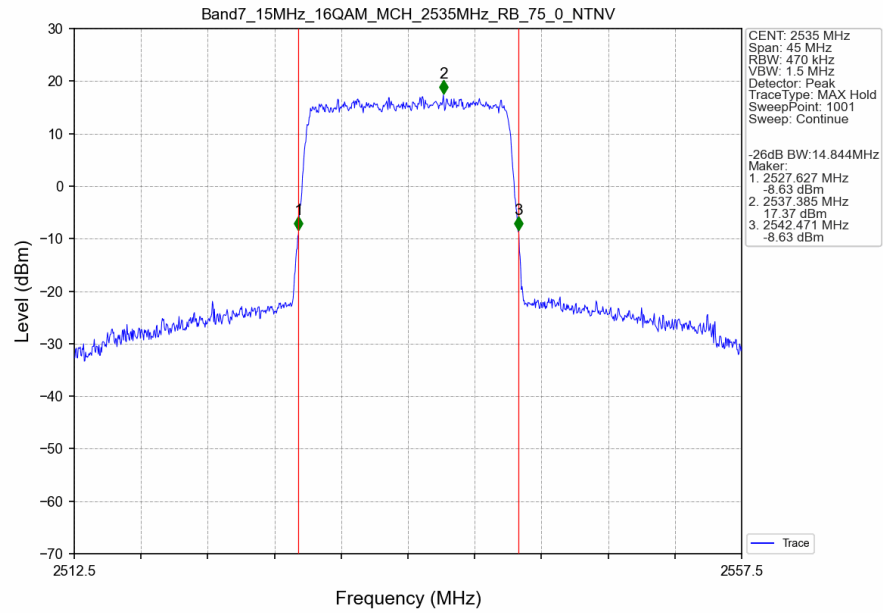
Band7 10MHz 64QAM MCH 2535MHz RB 50 0 NTN



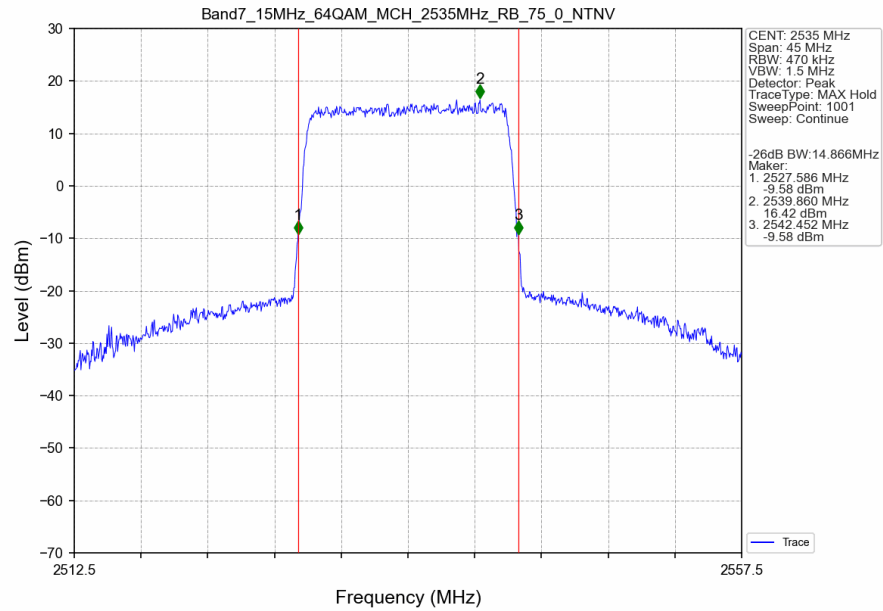
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTN



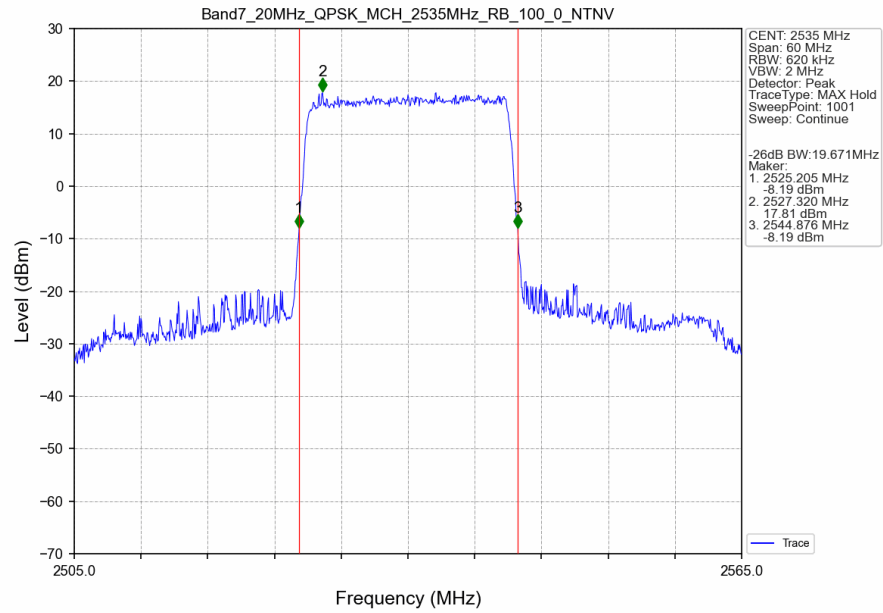
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTN



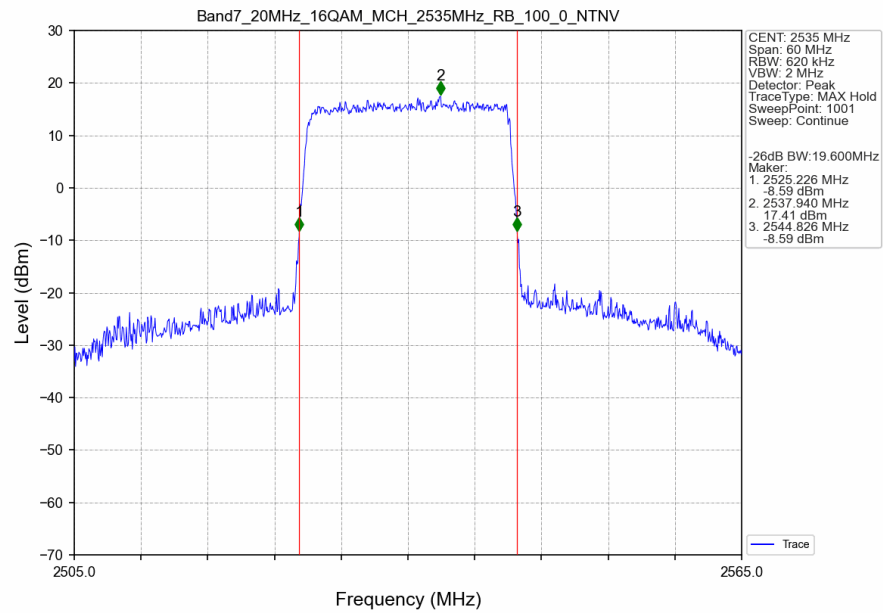
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTN



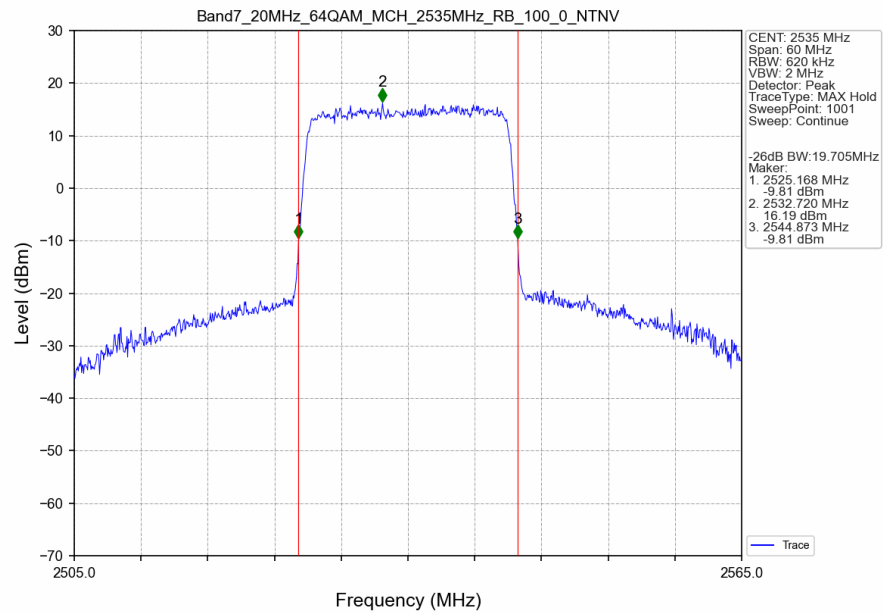
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTN



Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



4. Peak-Average Ratio

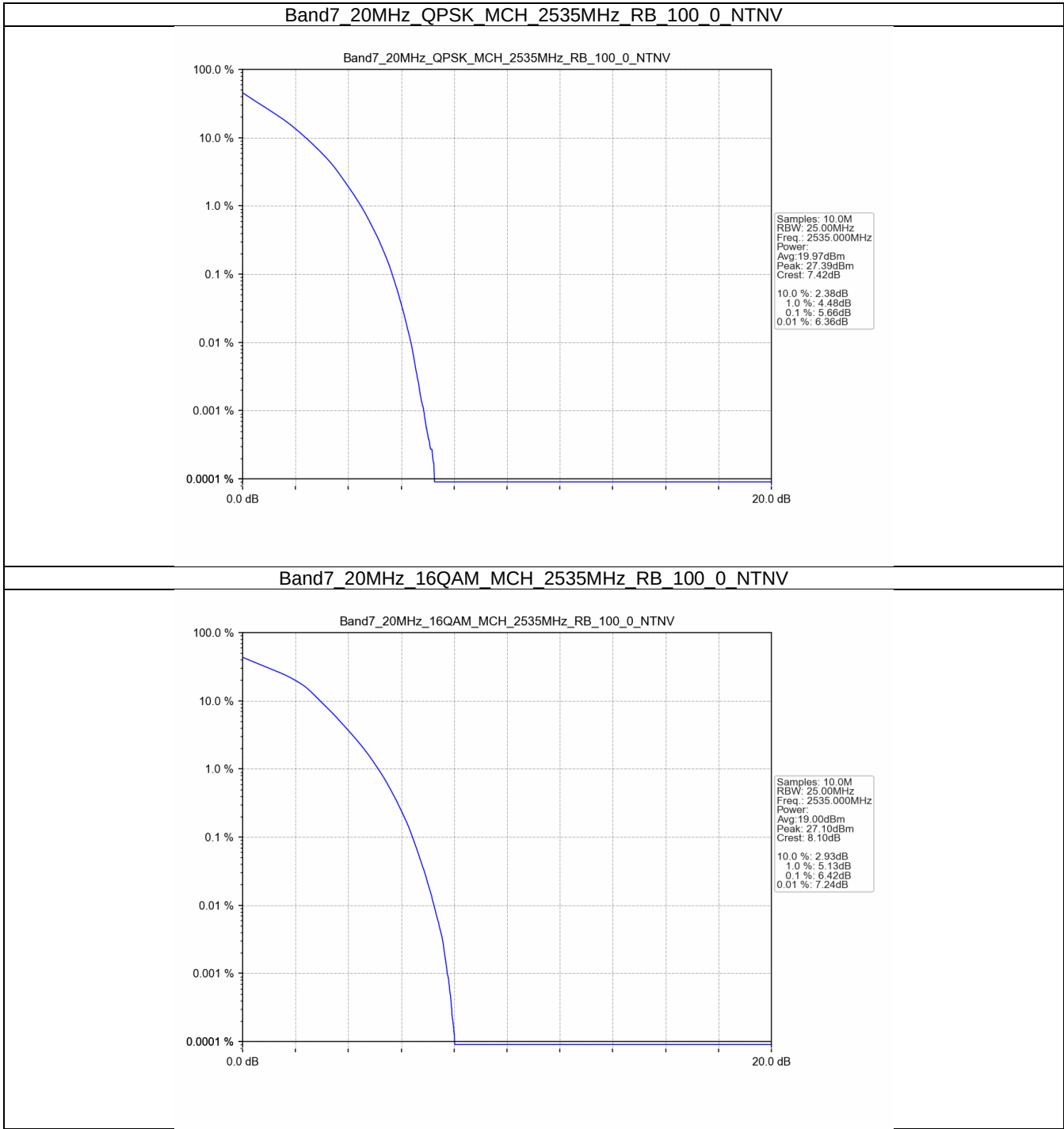
4.1 Test Result

4.1.1 B7_20MHz

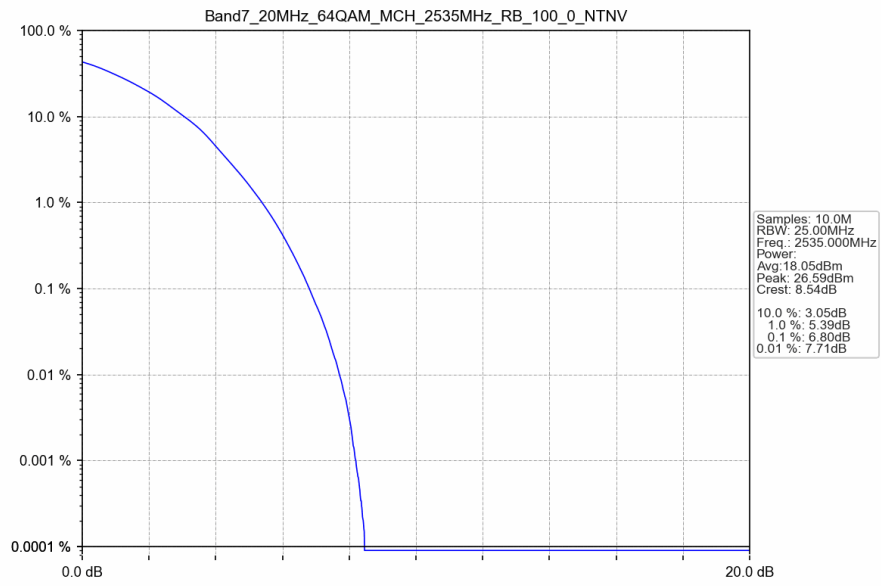
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	5.66	<=13	Pass
16QAM	2535	100	0	6.42	<=13	Pass
64QAM	2535	100	0	6.80	<=13	Pass

4.2 Test Graph

4.2.1 B7_20MHz



Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B7_15MHz

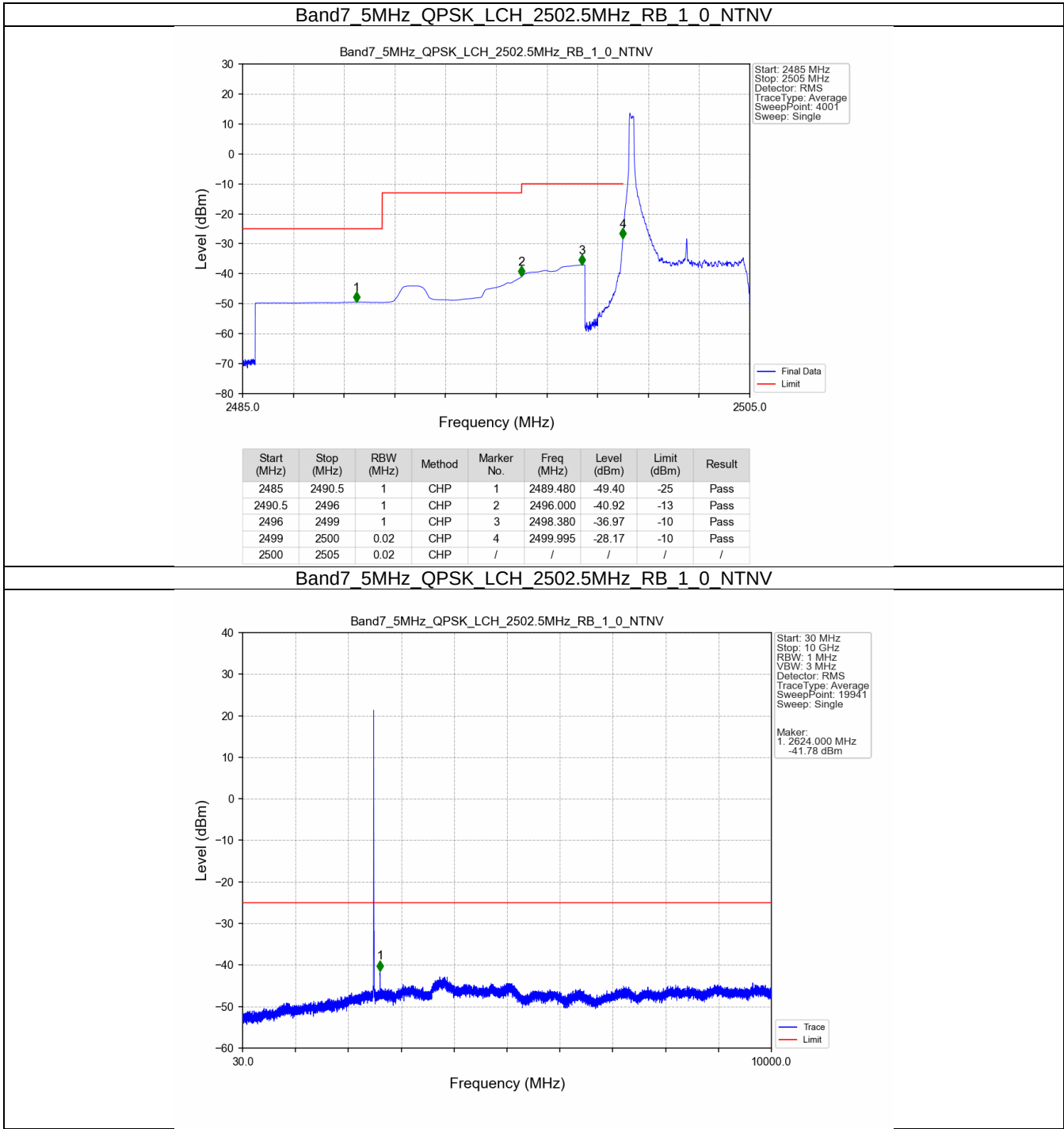
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.4 B7_20MHz

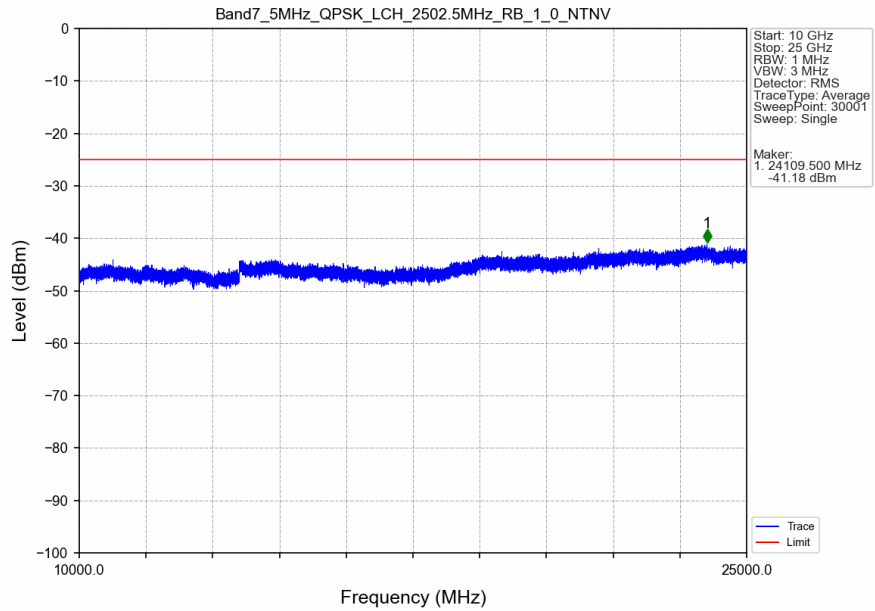
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

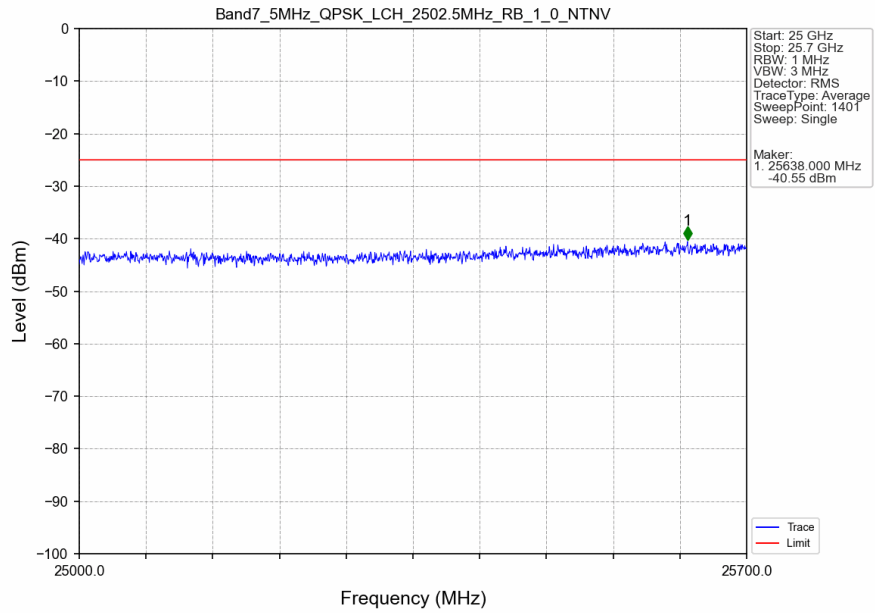
5.2.1 B7_5MHz



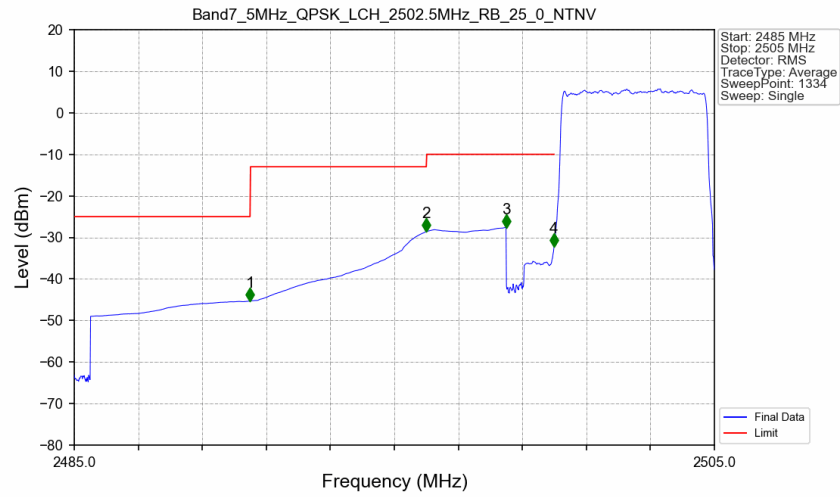
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN

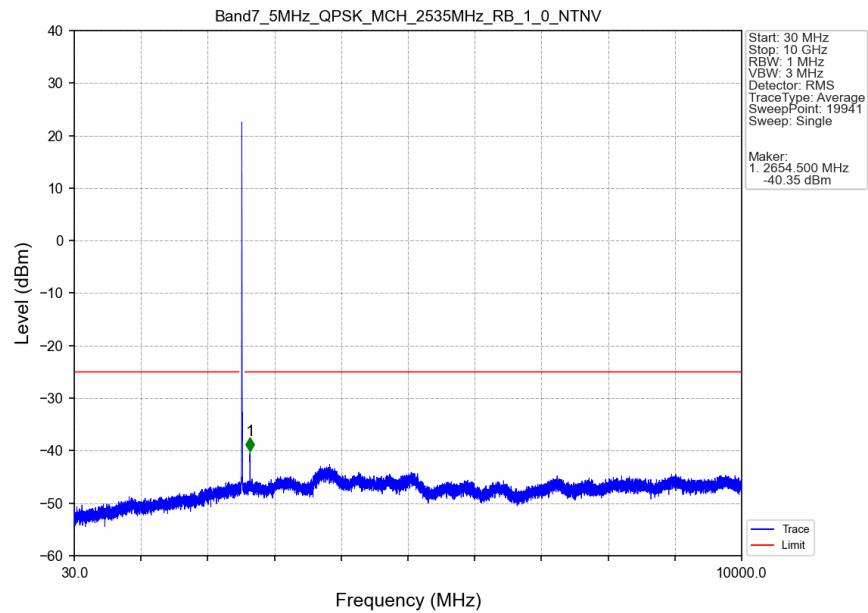


Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTNV

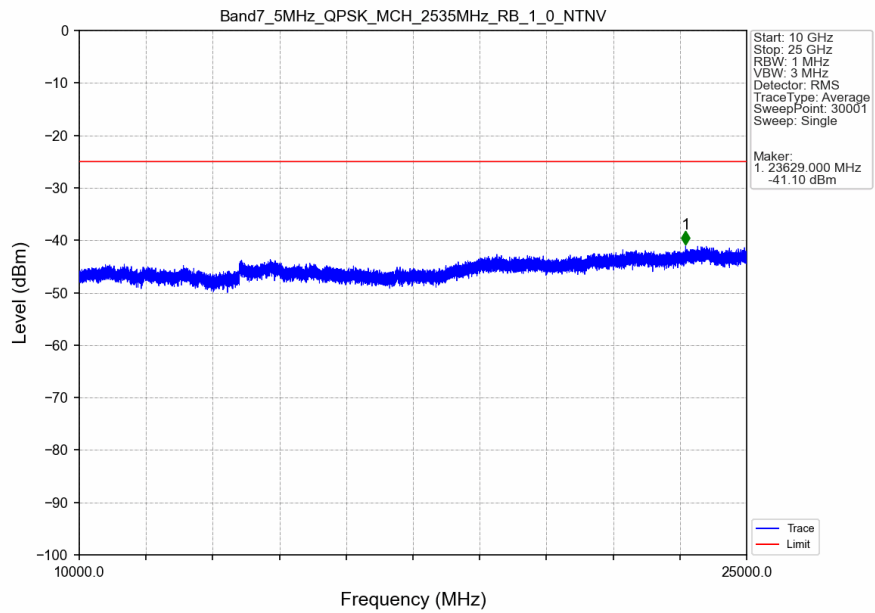


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.491	-45.30	-25	Pass
2490.5	2496	1	CHP	2	2495.998	-28.60	-13	Pass
2496	2499	1	CHP	3	2498.488	-27.59	-10	Pass
2499	2500	0.099	CHP	4	2499.989	-32.25	-10	Pass
2500	2505	0.099	CHP	/	/	/	/	/

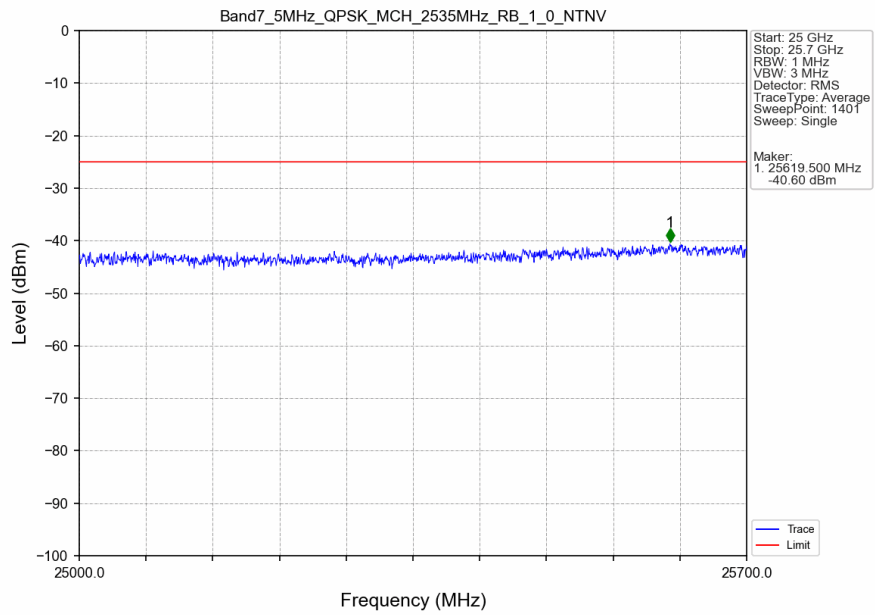
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTNV



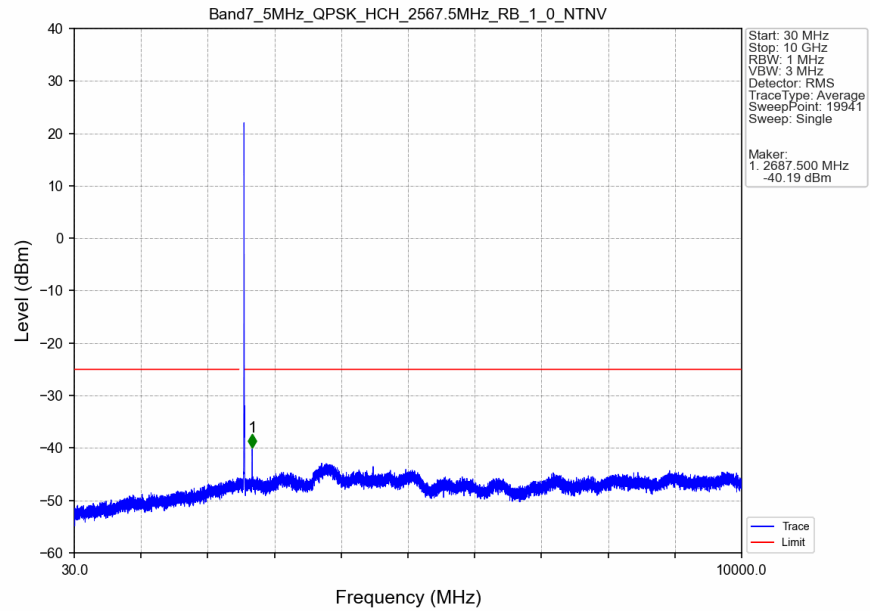
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTV



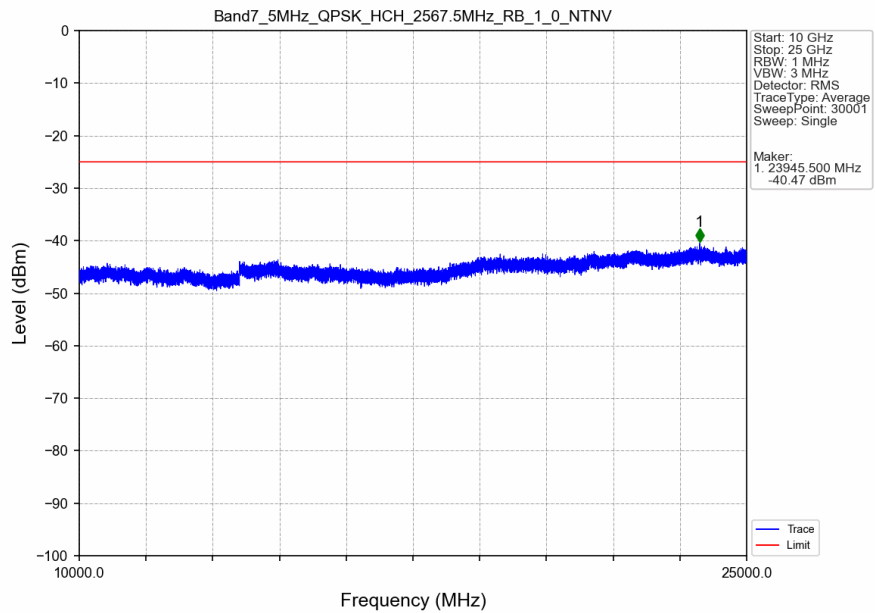
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTV



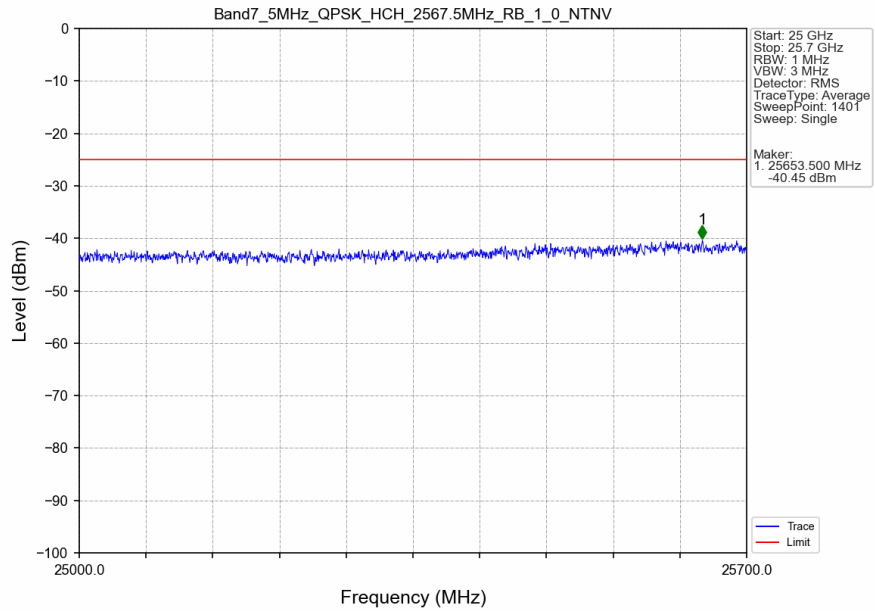
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



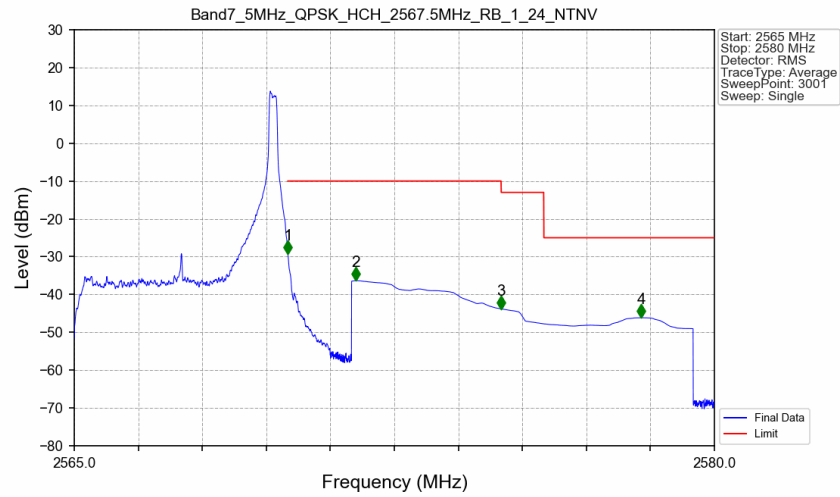
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN

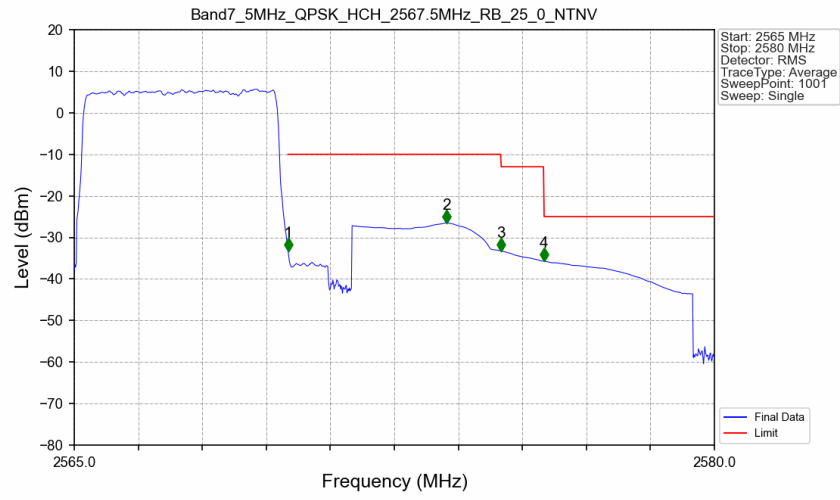


Band7 5MHz QPSK HCH 2567.5MHz RB 1 24 NTN



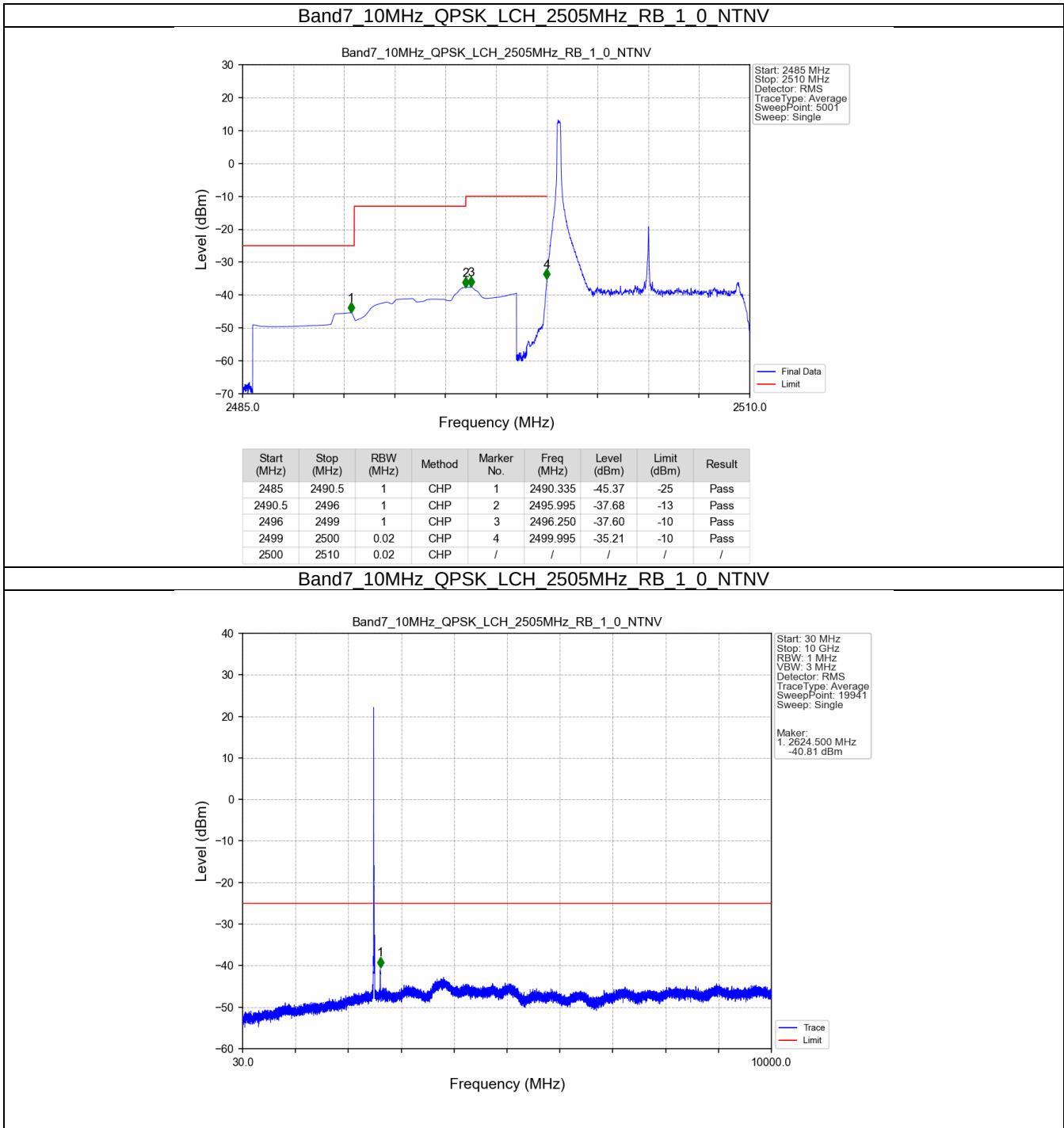
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-29.33	-10	Pass
2571	2575	1	CHP	2	2571.600	-36.30	-10	Pass
2575	2576	1	CHP	3	2575.005	-43.82	-13	Pass
2576	2580	1	CHP	4	2578.285	-46.15	-25	Pass

Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTN

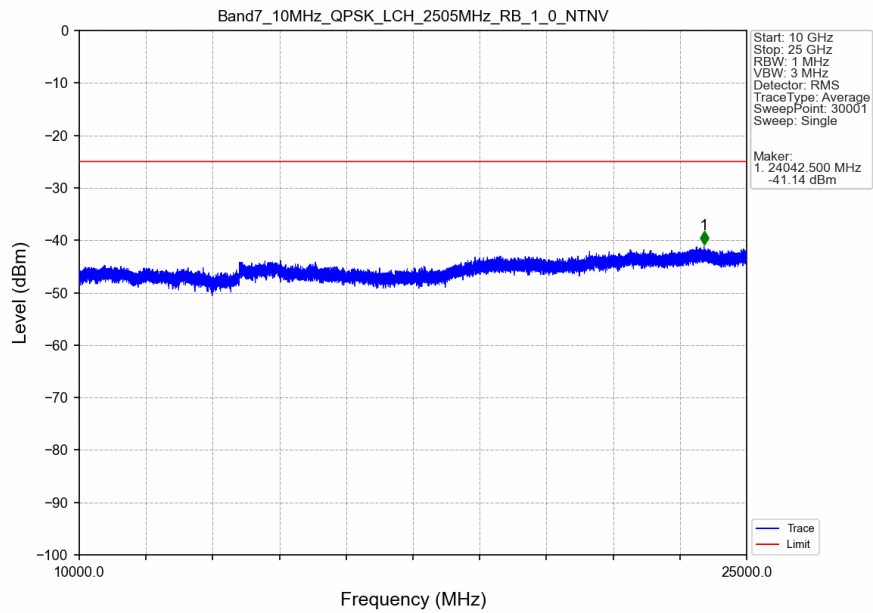


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.099	CHP	/	/	/	/	/
2570	2571	0.099	CHP	1	2570.010	-33.36	-10	Pass
2571	2575	1	CHP	2	2573.730	-26.50	-10	Pass
2575	2576	1	CHP	3	2575.005	-33.25	-13	Pass
2576	2580	1	CHP	4	2576.010	-35.72	-25	Pass

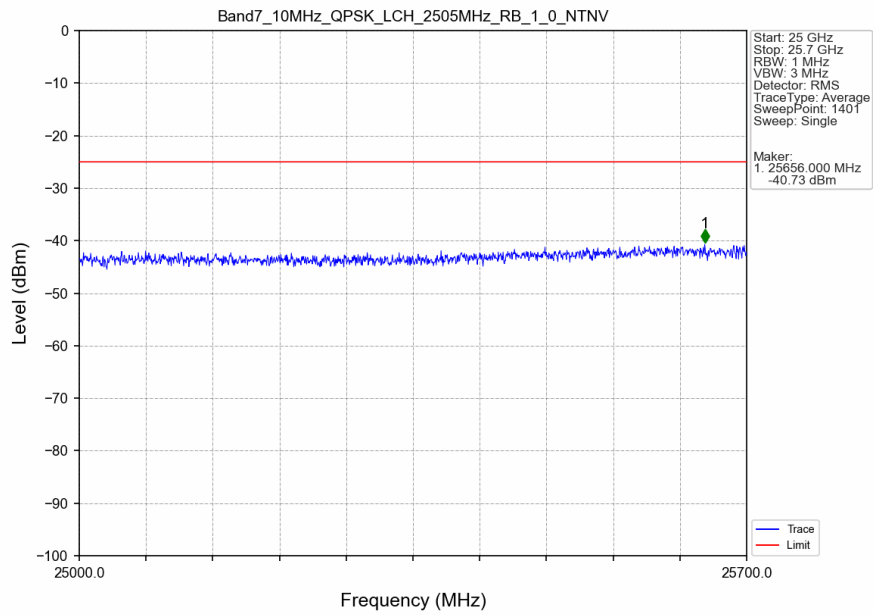
5.2.2 B7_10MHz



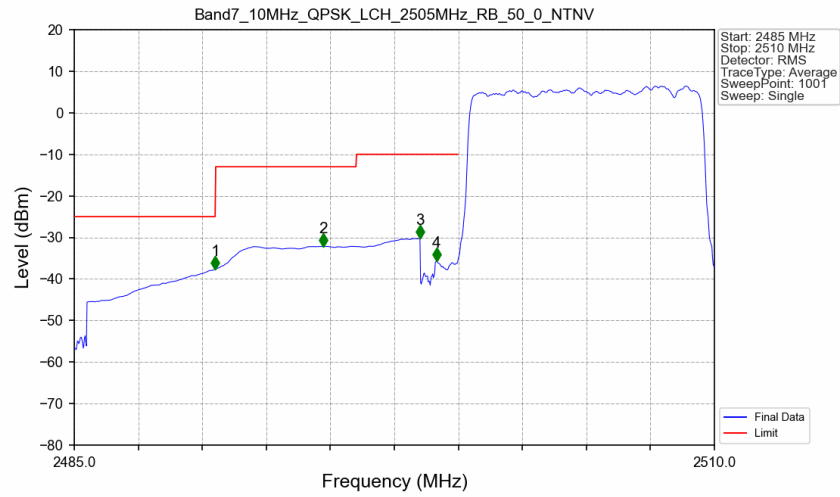
Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTN



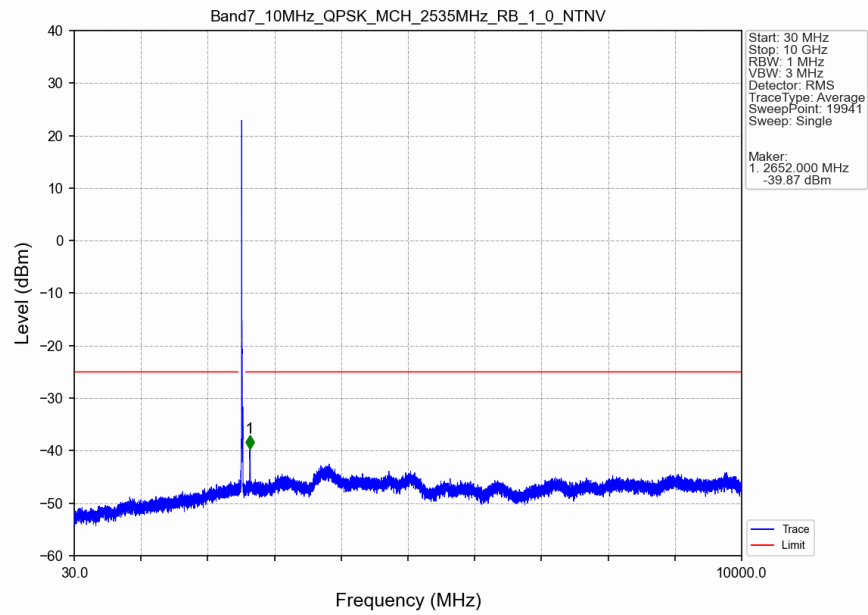
Band7 10MHz QPSK LCH 2505MHz RB 1 0 NTN



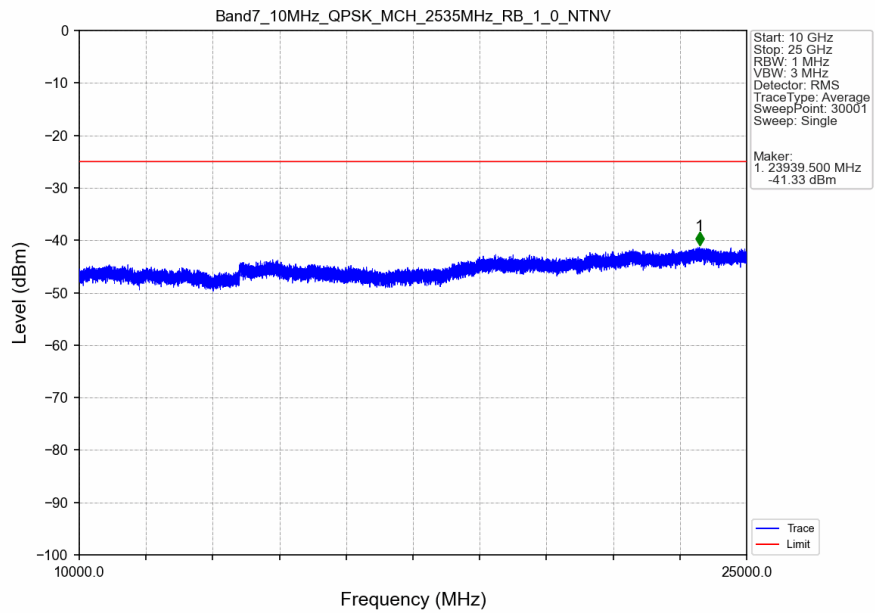
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV



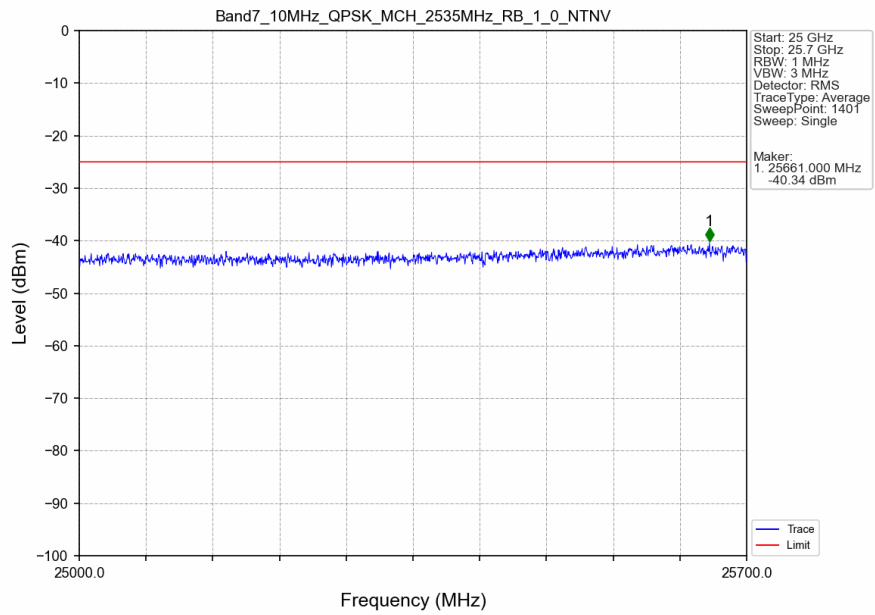
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



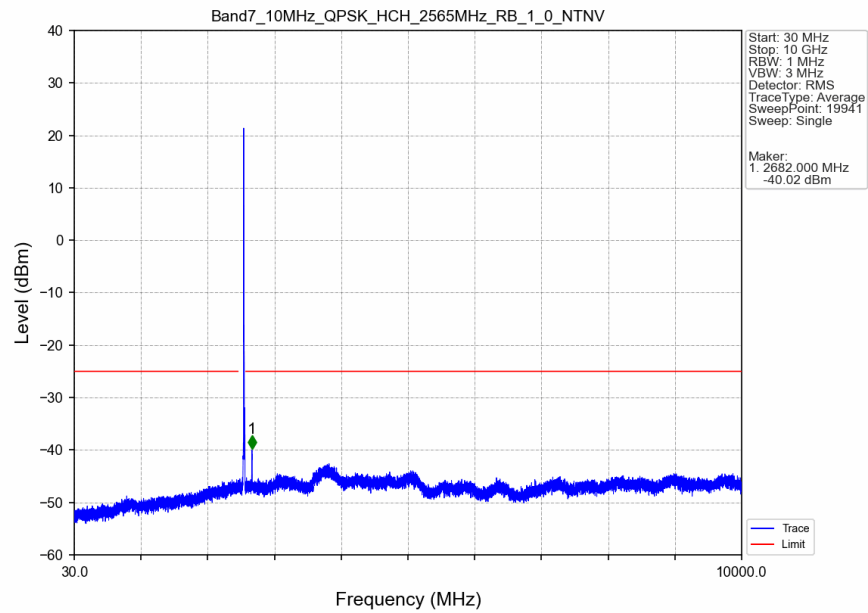
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



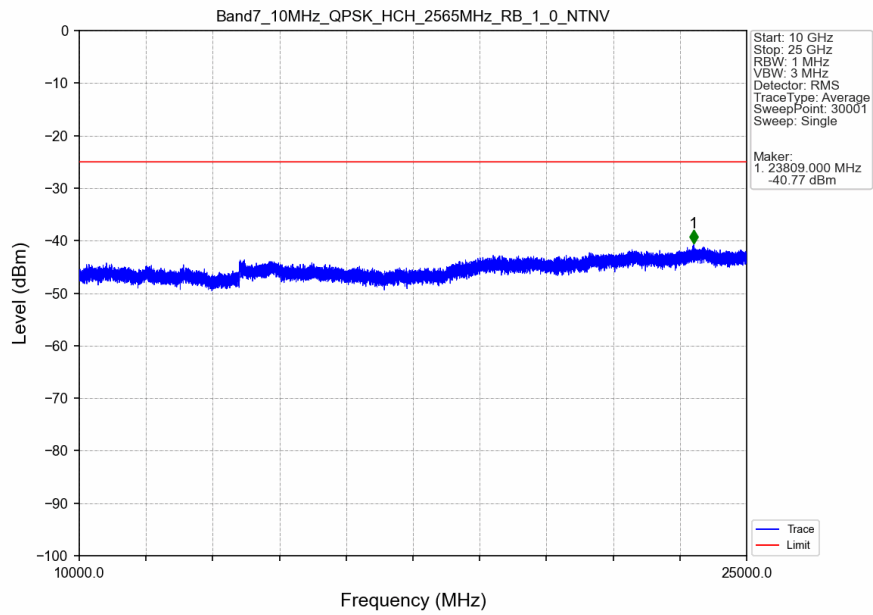
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



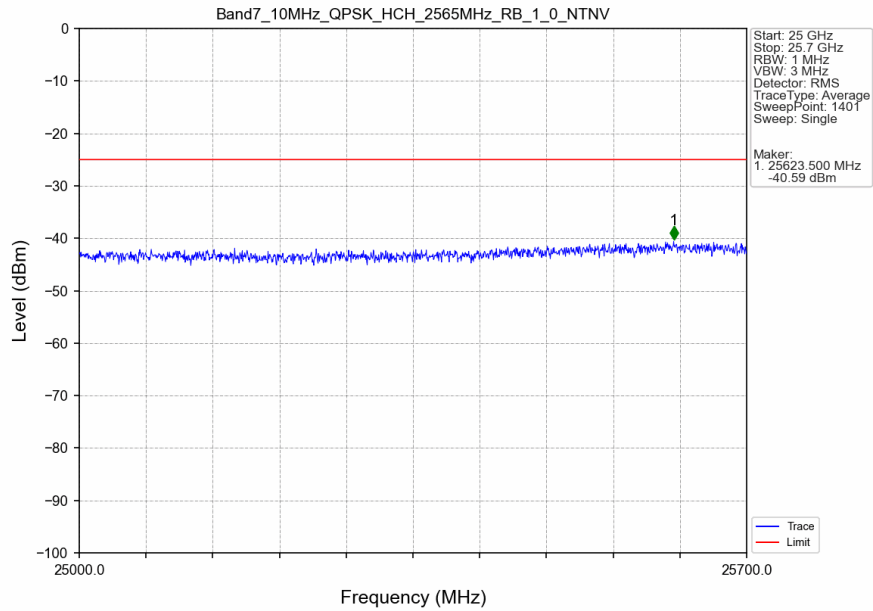
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTN



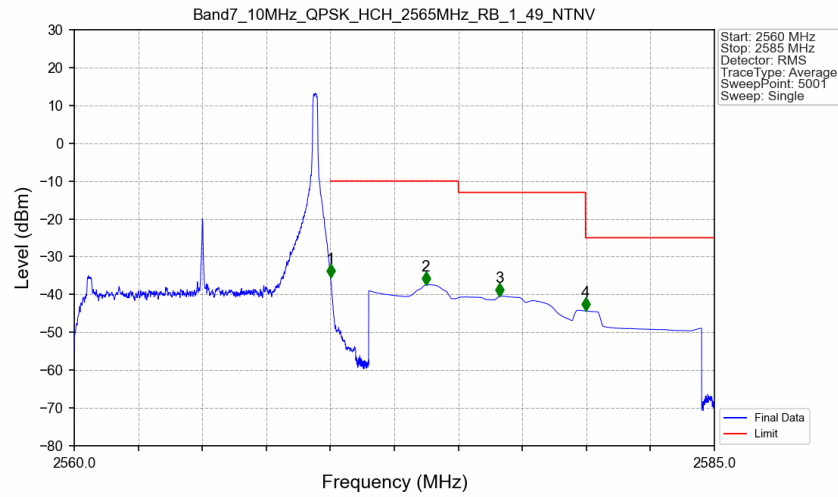
Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTN



Band7 10MHz QPSK HCH 2565MHz RB 1 0 NTNV

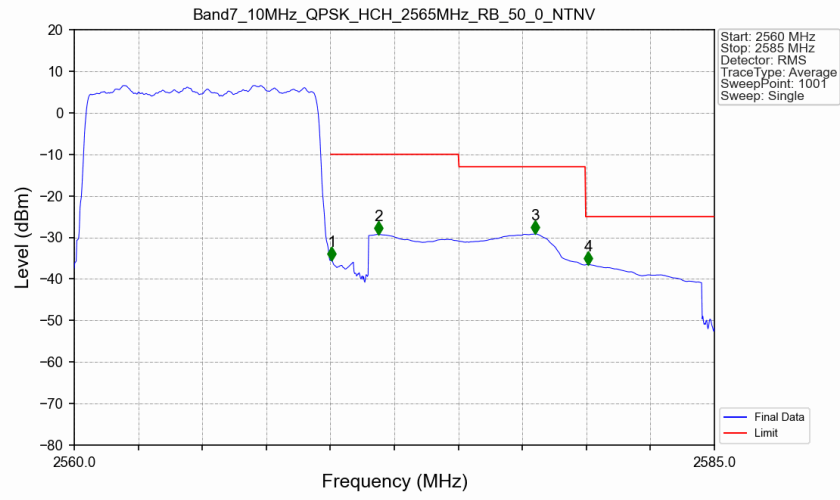


Band7 10MHz QPSK HCH 2565MHz RB 1 49 NTNV



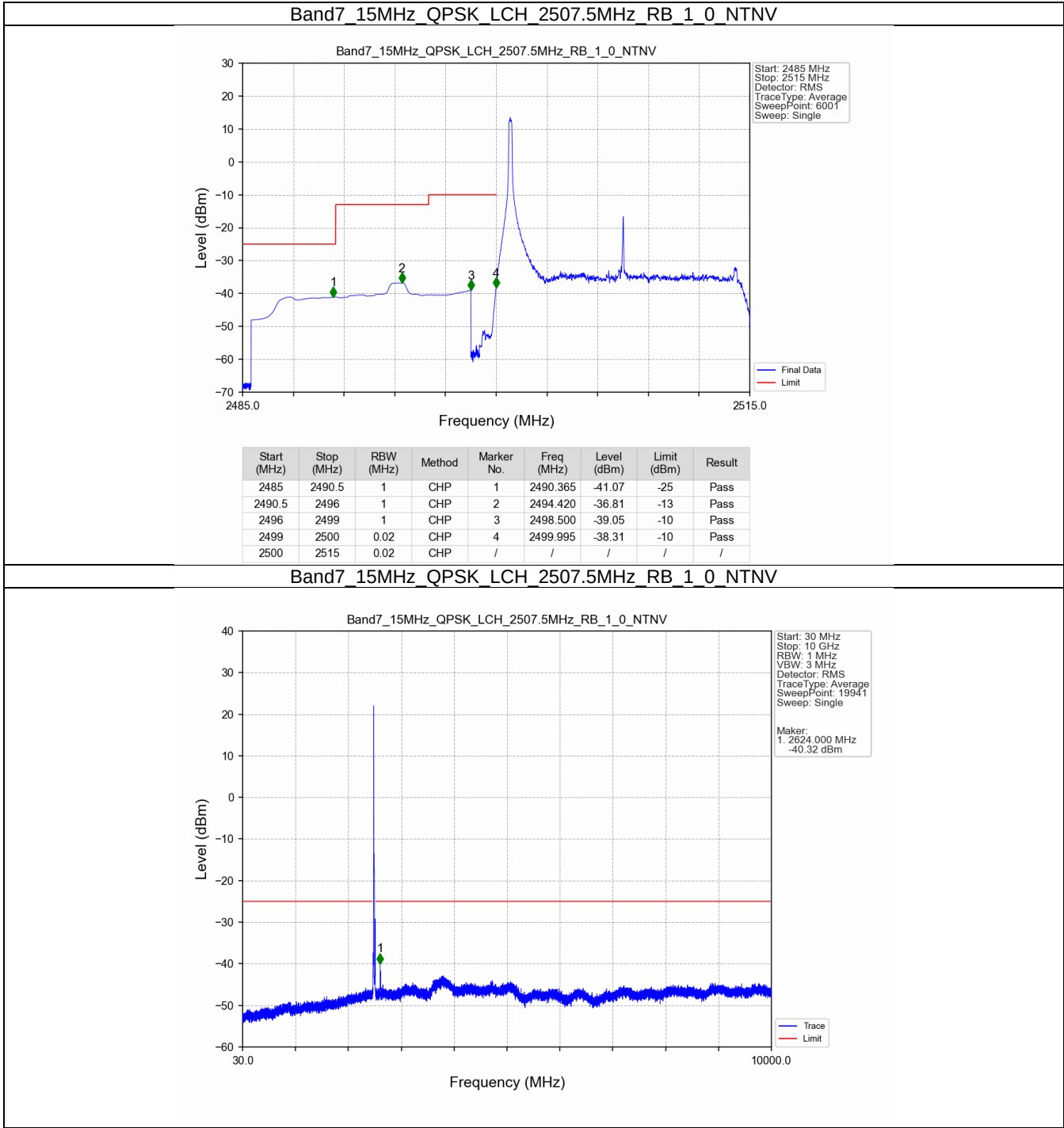
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-35.54	-10	Pass
2571	2575	1	CHP	2	2573.730	-37.41	-10	Pass
2575	2579.965	1	CHP	3	2576.605	-40.40	-13	Pass
2579.965	2585	1	CHP	4	2579.970	-44.37	-25	Pass

Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTNV

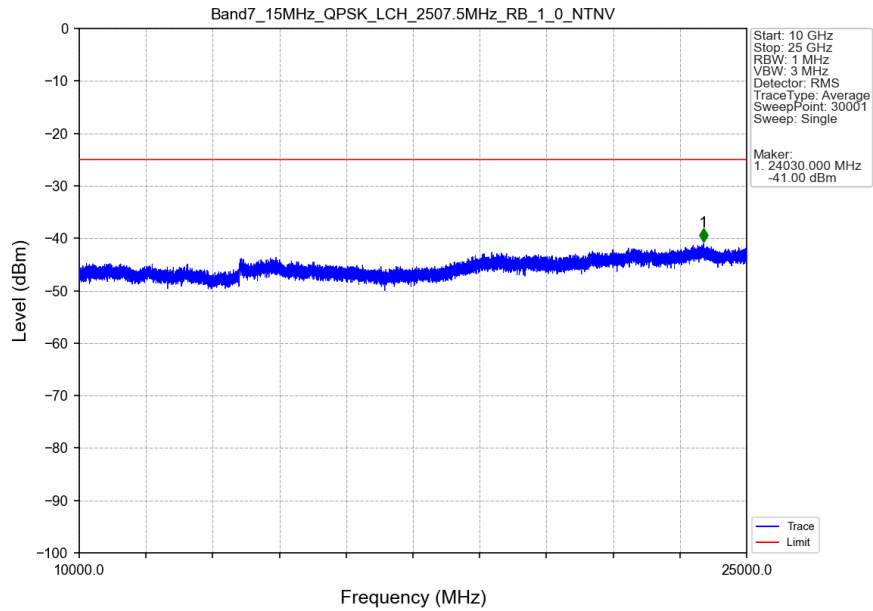


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.199	CHP	/	/	/	/	/
2570	2571	0.199	CHP	1	2570.050	-35.51	-10	Pass
2571	2575	1	CHP	2	2571.875	-29.24	-10	Pass
2575	2579.965	1	CHP	3	2578.000	-29.15	-13	Pass
2579.965	2585	1	CHP	4	2580.075	-36.51	-25	Pass

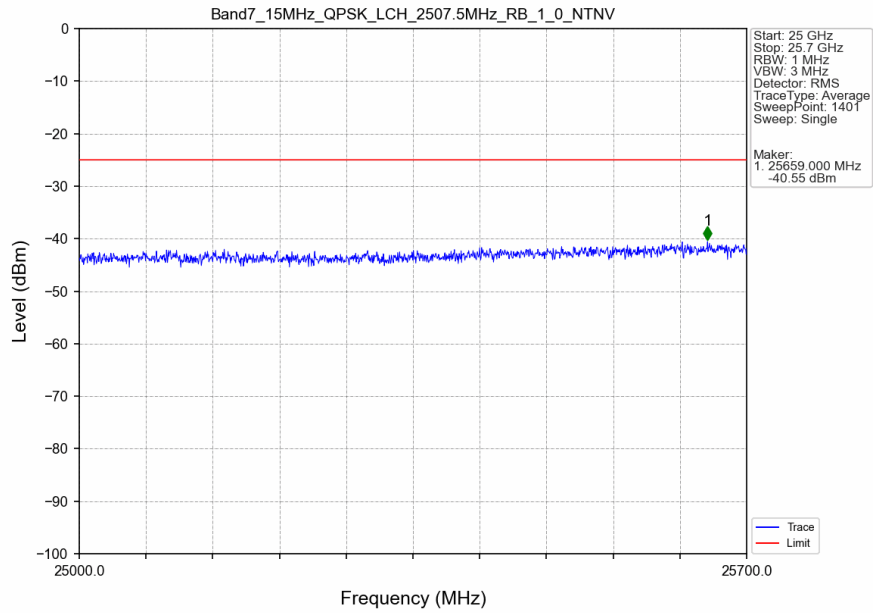
5.2.3 B7_15MHz



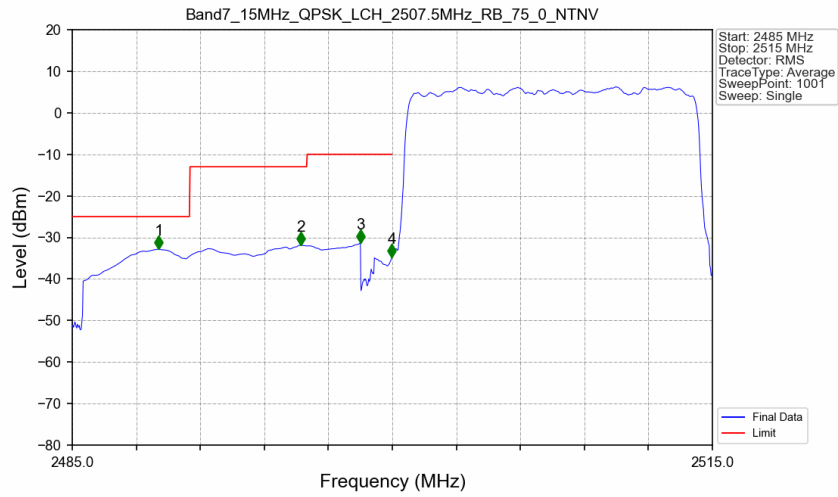
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV



Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV

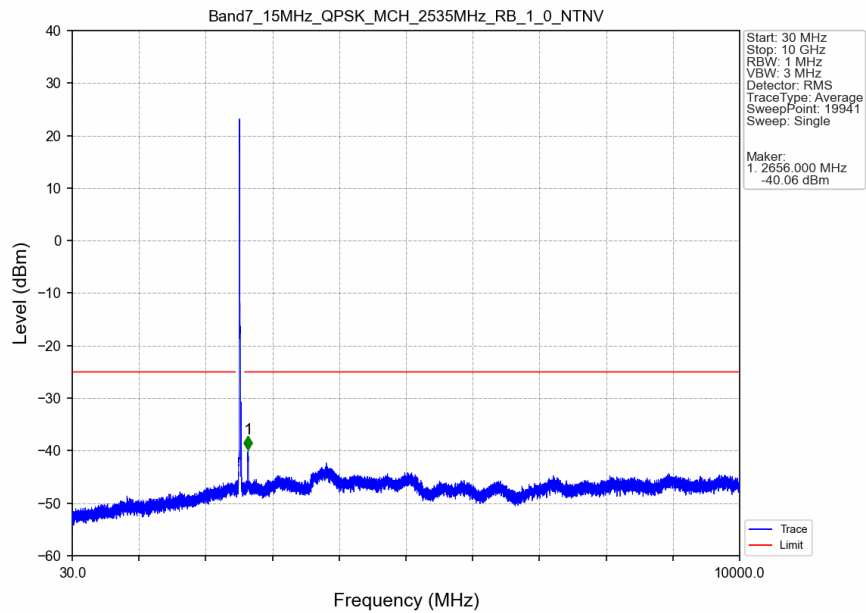


Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTNV

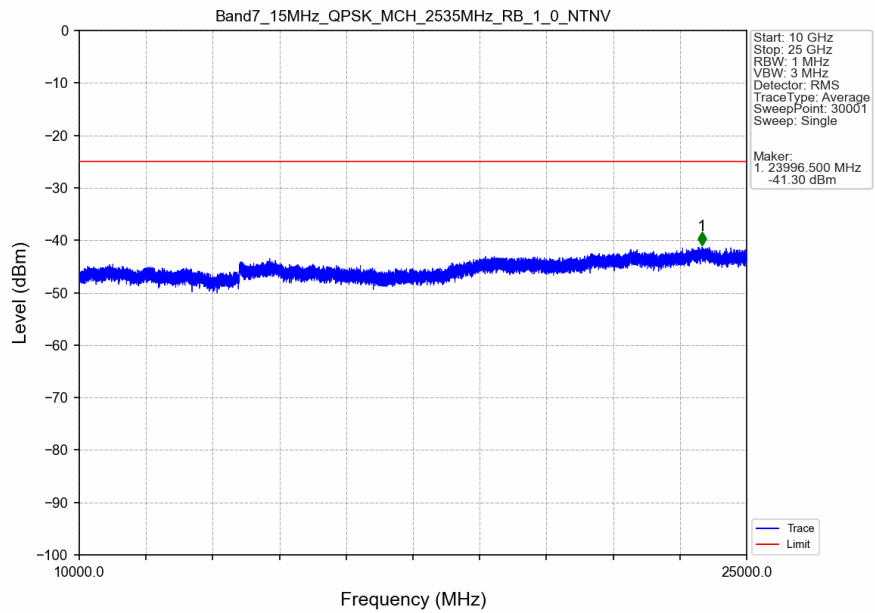


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.050	-32.80	-25	Pass
2490.5	2496	1	CHP	2	2495.710	-31.89	-13	Pass
2496	2499	1	CHP	3	2498.500	-31.24	-10	Pass
2499	2500	0.297	CHP	4	2499.970	-34.76	-10	Pass
2500	2515	0.297	CHP	/	/	/	/	/

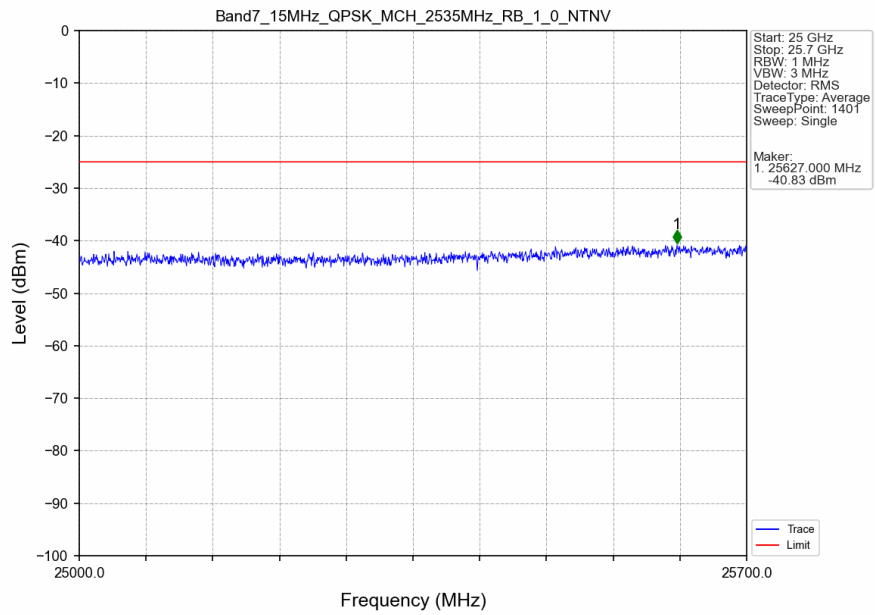
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTNV



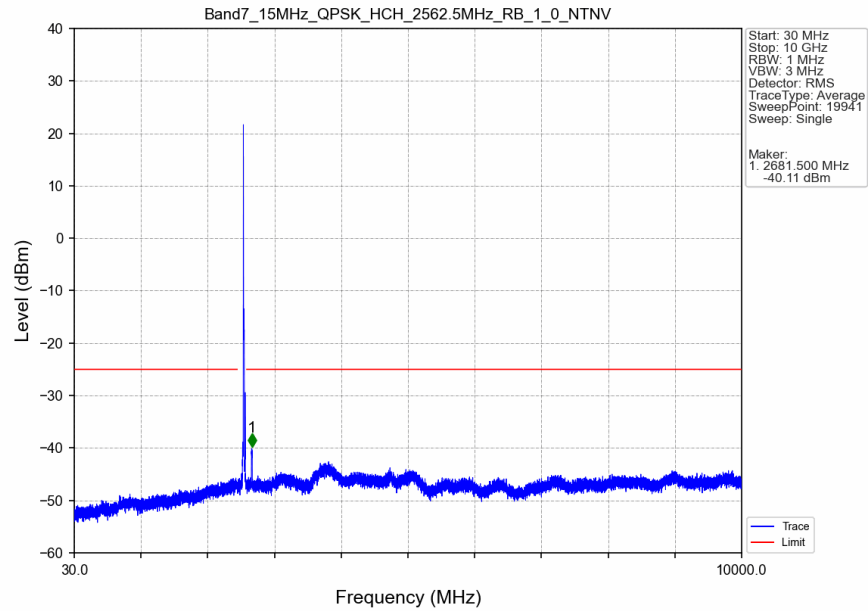
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



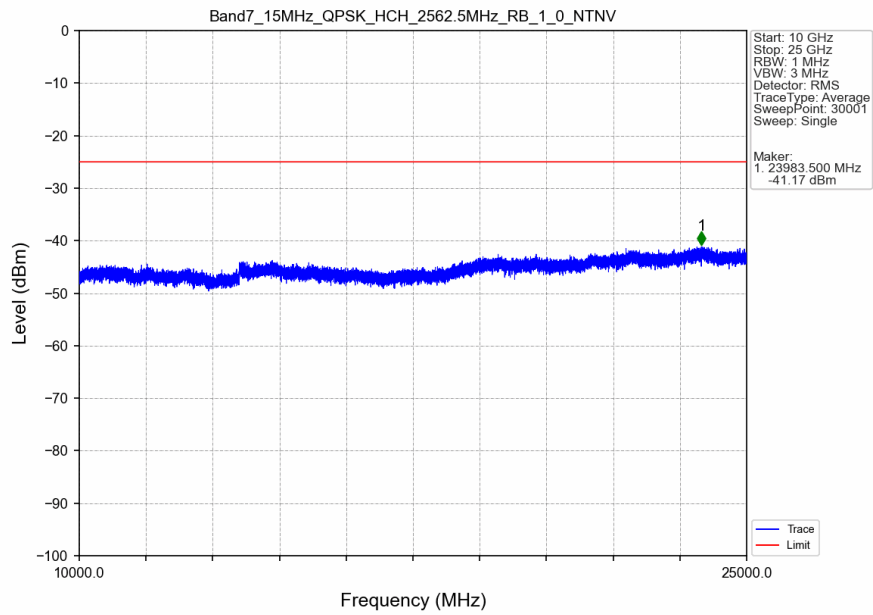
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



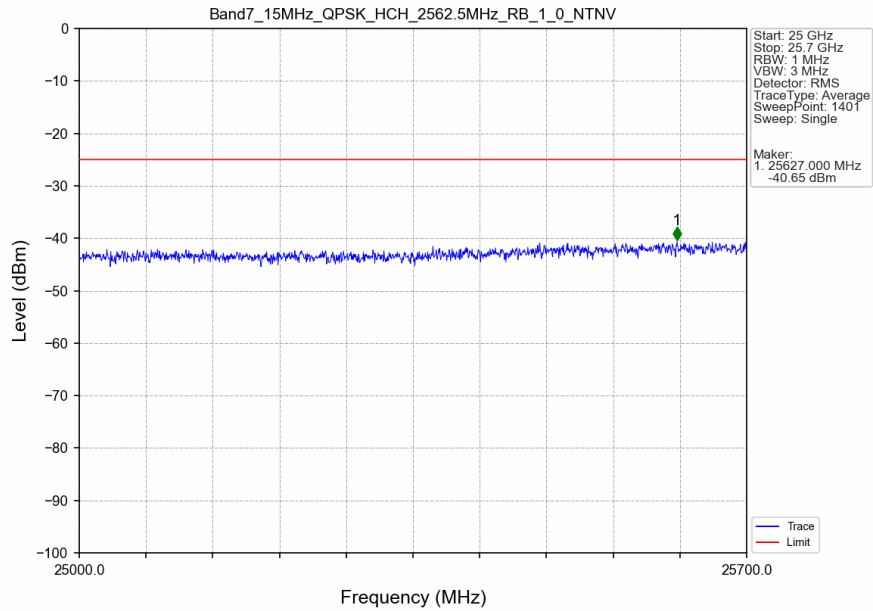
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



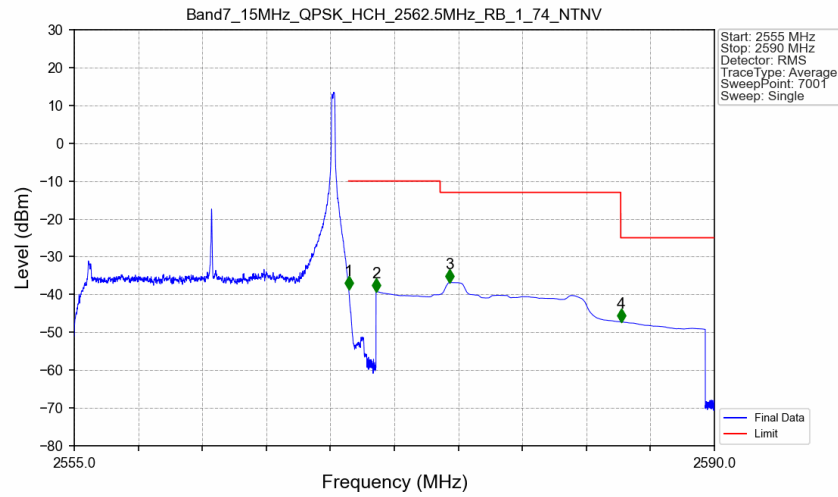
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV

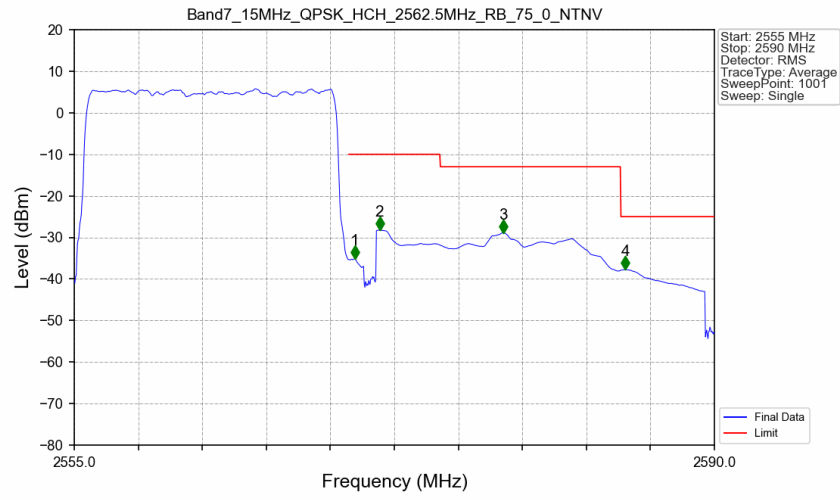


Band7 15MHz QPSK HCH 2562.5MHz RB 1 74 NTV



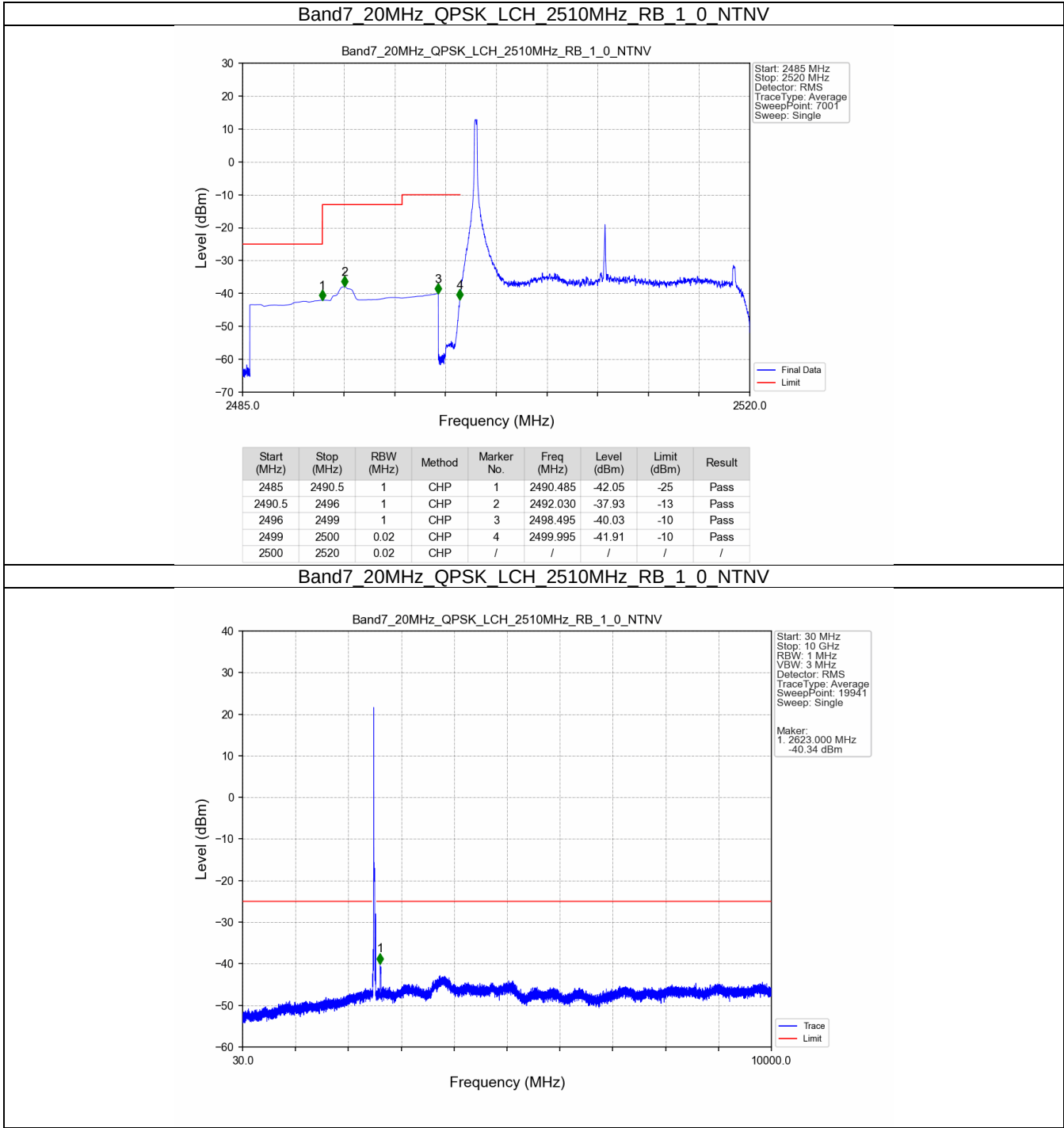
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-38.70	-10	Pass
2571	2575	1	CHP	2	2571.500	-39.19	-10	Pass
2575	2584.877	1	CHP	3	2575.525	-36.80	-13	Pass
2584.877	2590	1	CHP	4	2584.895	-47.22	-25	Pass

Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV

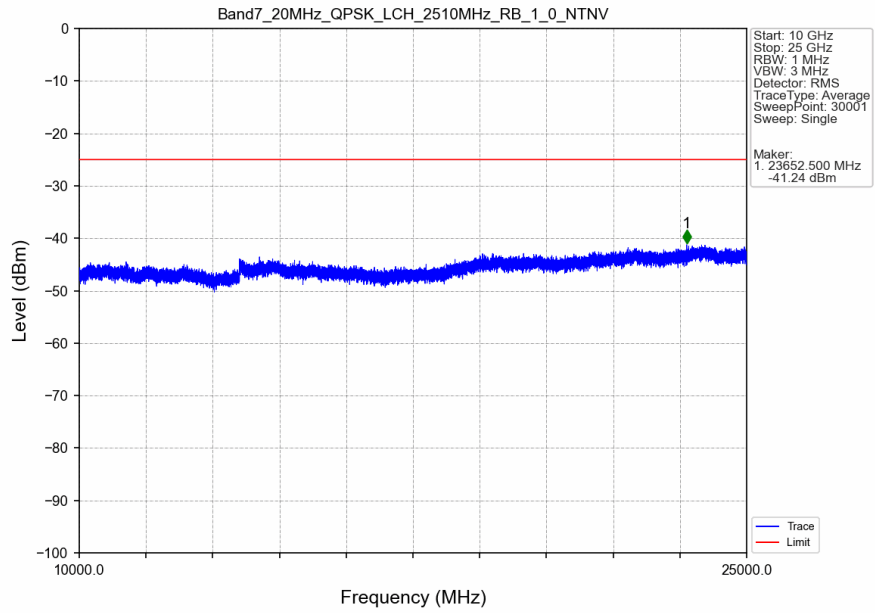


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.298	CHP	/	/	/	/	/
2570	2571	0.298	CHP	1	2570.330	-35.15	-10	Pass
2571	2575	1	CHP	2	2571.695	-28.25	-10	Pass
2575	2584.877	1	CHP	3	2578.450	-28.87	-13	Pass
2584.877	2590	1	CHP	4	2585.135	-37.77	-25	Pass

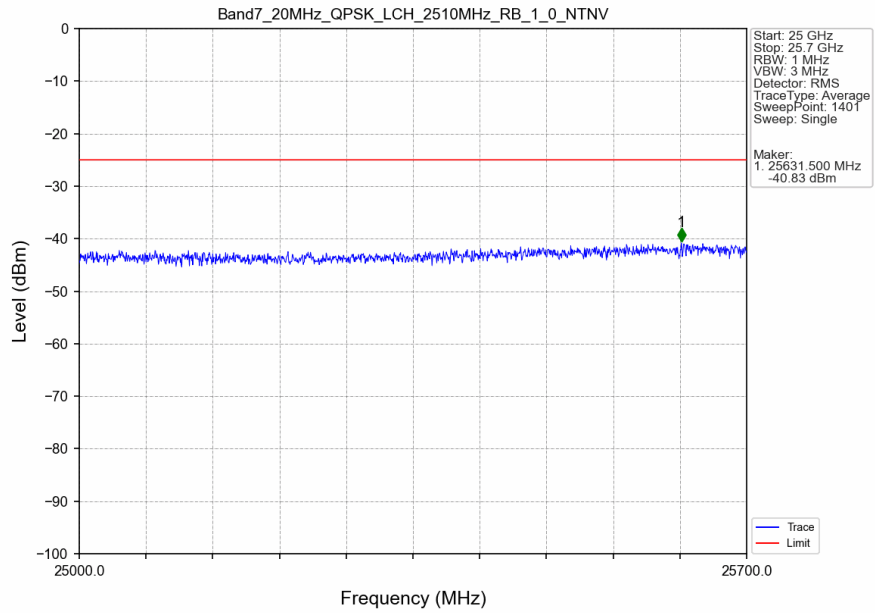
5.2.4 B7_20MHz



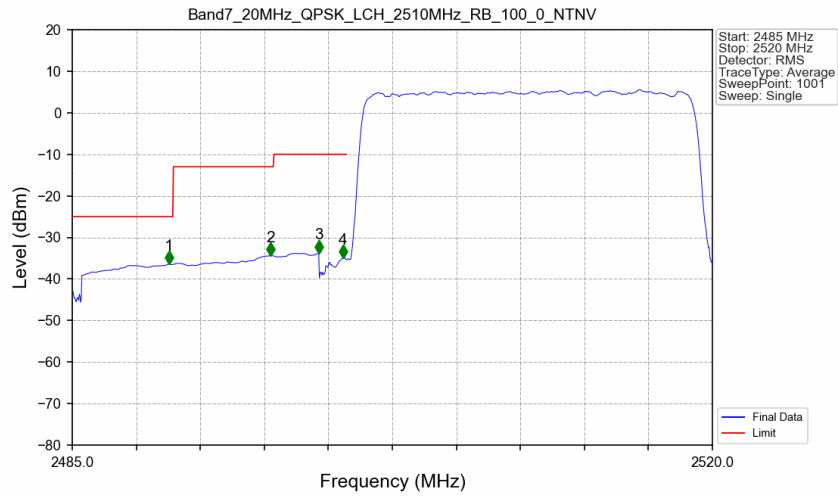
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTNV



Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTNV

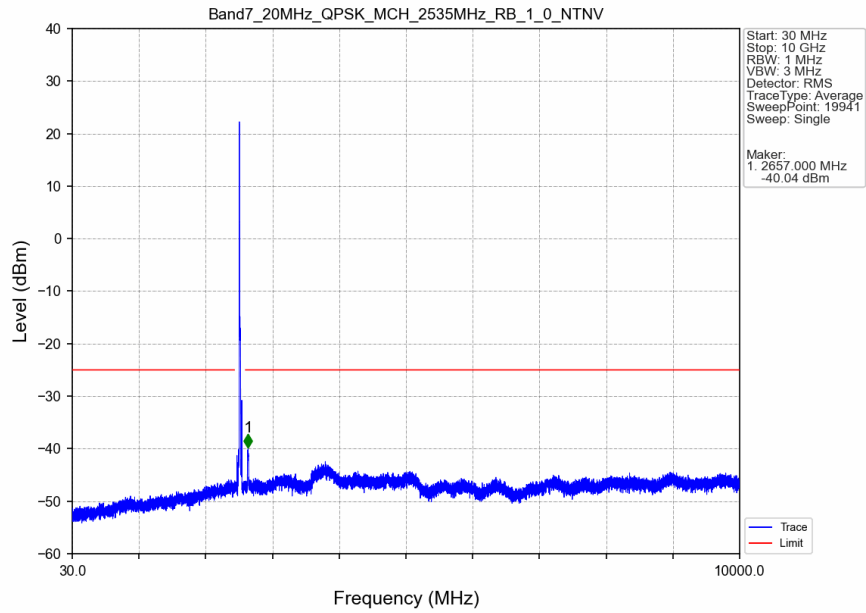


Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV

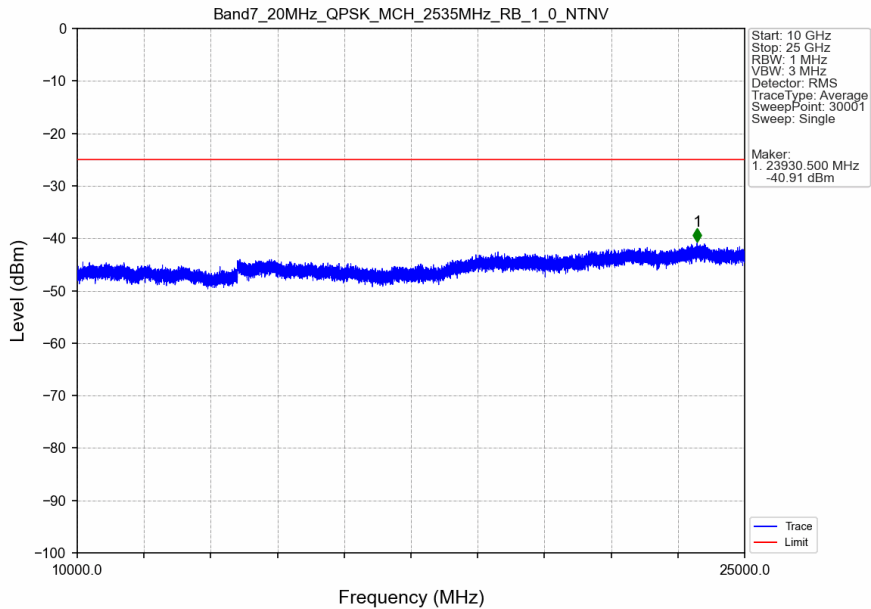


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.285	-36.43	-25	Pass
2490.5	2496	1	CHP	2	2495.850	-34.39	-13	Pass
2496	2499	1	CHP	3	2498.475	-33.77	-10	Pass
2499	2500	0.393	CHP	4	2499.805	-34.97	-10	Pass
2500	2520	0.393	CHP	/	/	/	/	/

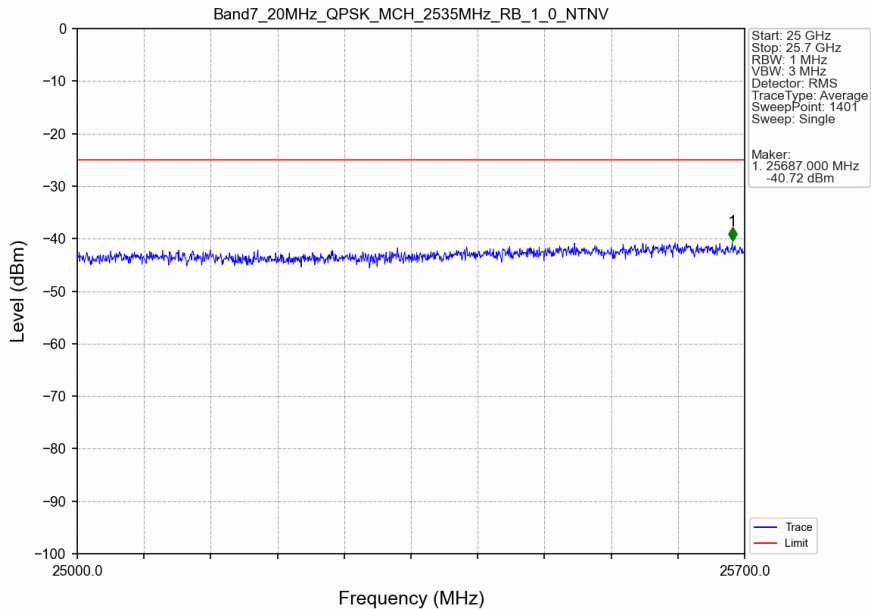
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



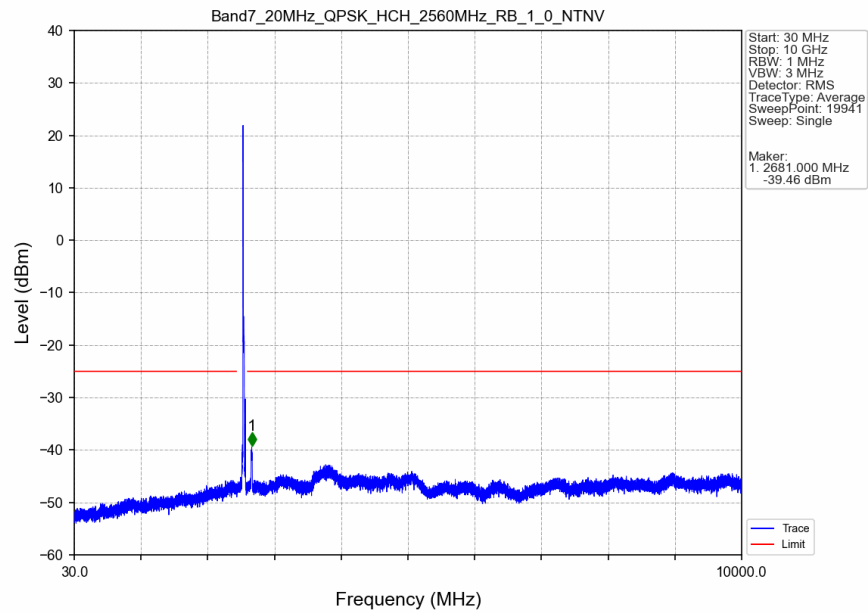
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



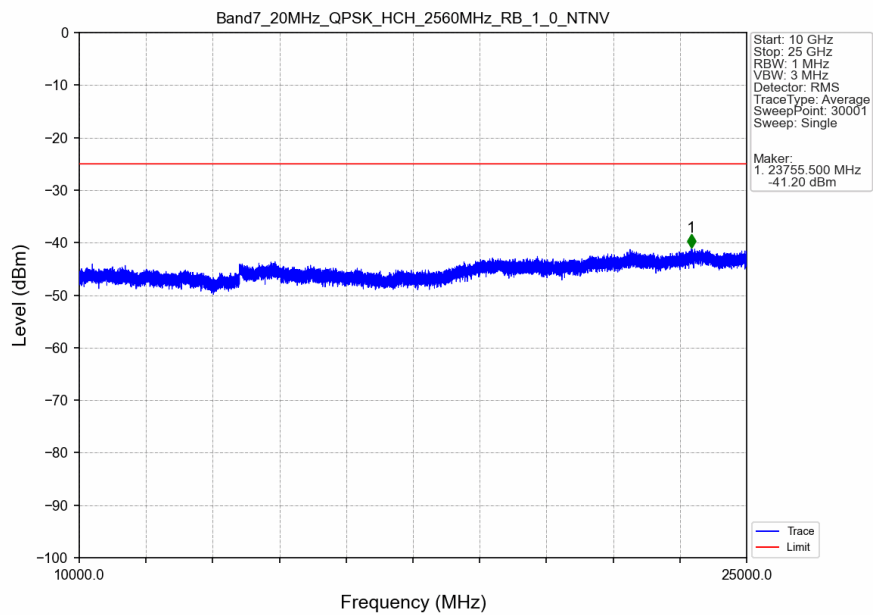
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



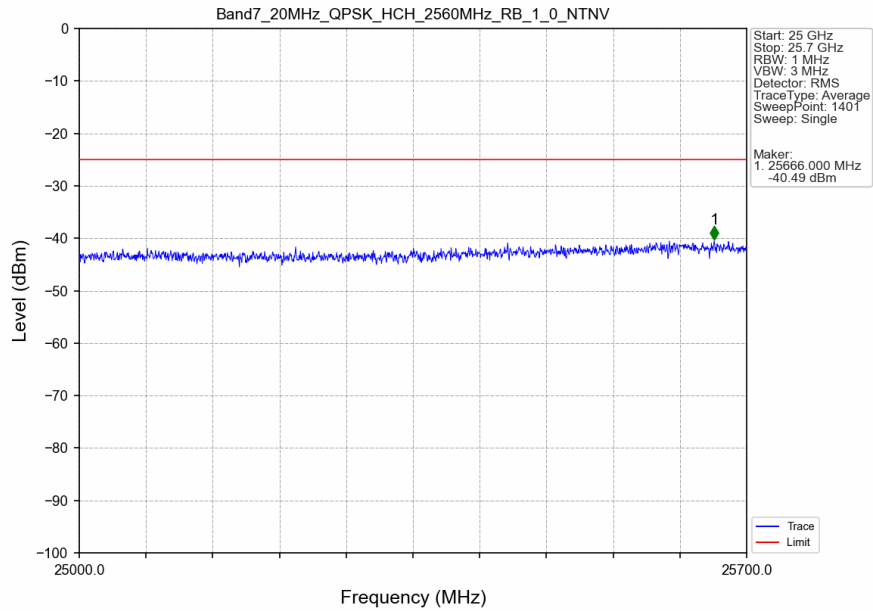
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN



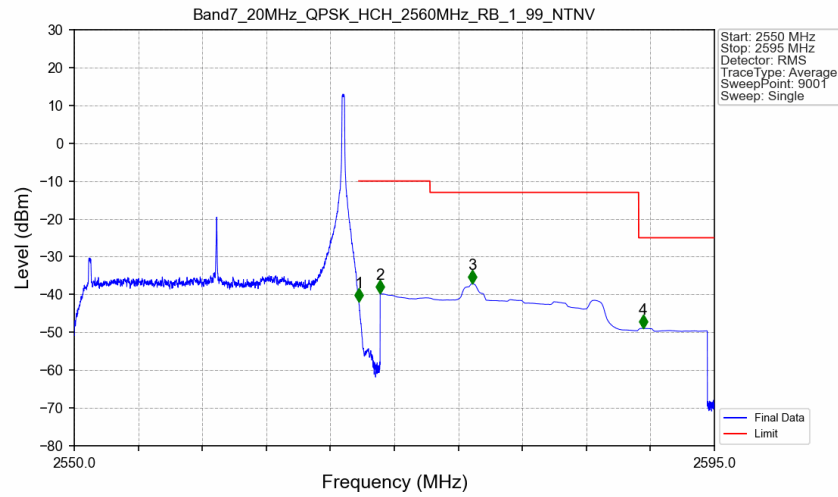
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN



Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTNV

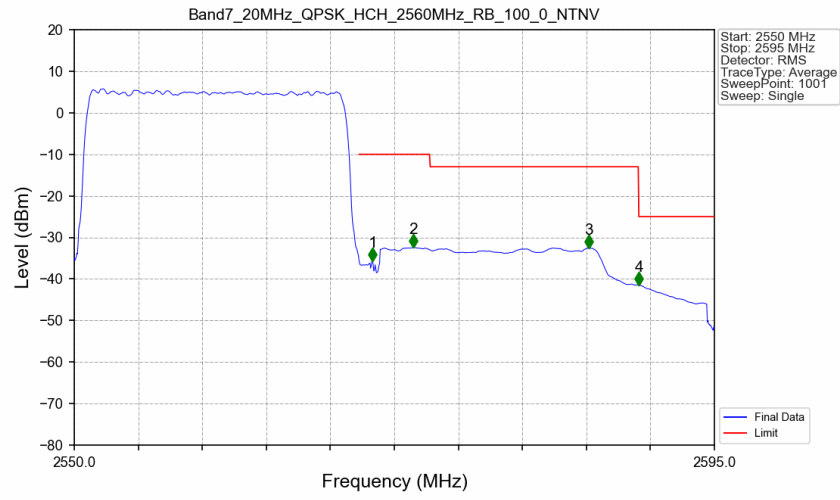


Band7 20MHz QPSK HCH 2560MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-41.79	-10	Pass
2571	2575	1	CHP	2	2571.505	-39.75	-10	Pass
2575	2589.671	1	CHP	3	2577.955	-37.14	-13	Pass
2589.671	2595	1	CHP	4	2590.000	-48.95	-25	Pass

Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.393	CHP	/	/	/	/	/
2570	2571	0.393	CHP	1	2570.970	-35.62	-10	Pass
2571	2575	1	CHP	2	2573.850	-32.41	-10	Pass
2575	2589.671	1	CHP	3	2586.180	-32.55	-13	Pass
2589.671	2595	1	CHP	4	2589.690	-41.55	-25	Pass