

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	23.34	-1.49	21.85	<=33.01	Pass
			13	23.69	-1.49	22.20	<=33.01	Pass
			24	23.34	-1.49	21.85	<=33.01	Pass
		12	0	22.54	-1.49	21.05	<=33.01	Pass
			6	22.47	-1.49	20.98	<=33.01	Pass
			13	22.48	-1.49	20.99	<=33.01	Pass
		25	0	22.48	-1.49	20.99	<=33.01	Pass
	2535	1	0	23.45	-1.49	21.96	<=33.01	Pass
			13	23.60	-1.49	22.11	<=33.01	Pass
			24	23.49	-1.49	22.00	<=33.01	Pass
		12	0	22.43	-1.49	20.94	<=33.01	Pass
			6	22.54	-1.49	21.05	<=33.01	Pass
			13	22.63	-1.49	21.14	<=33.01	Pass
		25	0	22.44	-1.49	20.95	<=33.01	Pass
	2567.5	1	0	23.59	-1.49	22.10	<=33.01	Pass
			13	23.59	-1.49	22.10	<=33.01	Pass
			24	23.48	-1.49	21.99	<=33.01	Pass
		12	0	22.52	-1.49	21.03	<=33.01	Pass
			6	22.55	-1.49	21.06	<=33.01	Pass
			13	22.50	-1.49	21.01	<=33.01	Pass
		25	0	22.45	-1.49	20.96	<=33.01	Pass
16QAM	2502.5	1	0	22.85	-1.49	21.36	<=33.01	Pass
			13	22.53	-1.49	21.04	<=33.01	Pass
			24	22.70	-1.49	21.21	<=33.01	Pass
		12	0	21.60	-1.49	20.11	<=33.01	Pass
			6	21.63	-1.49	20.14	<=33.01	Pass
			13	21.55	-1.49	20.06	<=33.01	Pass
		25	0	21.57	-1.49	20.08	<=33.01	Pass
	2535	1	0	22.65	-1.49	21.16	<=33.01	Pass
			13	23.03	-1.49	21.54	<=33.01	Pass
			24	23.02	-1.49	21.53	<=33.01	Pass
		12	0	21.55	-1.49	20.06	<=33.01	Pass
			6	21.42	-1.49	19.93	<=33.01	Pass
			13	21.64	-1.49	20.15	<=33.01	Pass
		25	0	21.52	-1.49	20.03	<=33.01	Pass
	2567.5	1	0	22.77	-1.49	21.28	<=33.01	Pass
			13	22.85	-1.49	21.36	<=33.01	Pass
			24	22.65	-1.49	21.16	<=33.01	Pass
		12	0	21.52	-1.49	20.03	<=33.01	Pass
			6	21.52	-1.49	20.03	<=33.01	Pass
			13	21.57	-1.49	20.08	<=33.01	Pass
		25	0	21.47	-1.49	19.98	<=33.01	Pass
64QAM	2502.5	1	0	22.64	-1.49	21.15	<=33.01	Pass
			13	22.74	-1.49	21.25	<=33.01	Pass
			24	22.70	-1.49	21.21	<=33.01	Pass
		12	0	21.30	-1.49	19.81	<=33.01	Pass
			6	21.55	-1.49	20.06	<=33.01	Pass
			13	21.52	-1.49	20.03	<=33.01	Pass
		25	0	21.45	-1.49	19.96	<=33.01	Pass

	2535	1	0	22.58	-1.49	21.09	<=33.01	Pass	
			13	22.70	-1.49	21.21	<=33.01	Pass	
			24	22.51	-1.49	21.02	<=33.01	Pass	
		12	0	21.56	-1.49	20.07	<=33.01	Pass	
			6	21.53	-1.49	20.04	<=33.01	Pass	
			13	21.64	-1.49	20.15	<=33.01	Pass	
		25	0	21.51	-1.49	20.02	<=33.01	Pass	
		2567.5	1	0	22.47	-1.49	20.98	<=33.01	Pass
				13	22.51	-1.49	21.02	<=33.01	Pass
	24			22.49	-1.49	21.00	<=33.01	Pass	
	12		0	21.45	-1.49	19.96	<=33.01	Pass	
			6	21.55	-1.49	20.06	<=33.01	Pass	
			13	21.54	-1.49	20.05	<=33.01	Pass	
	25	0	21.46	-1.49	19.97	<=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	23.58	-1.49	22.09	<=33.01	Pass
			25	23.72	-1.49	22.23	<=33.01	Pass
			49	23.46	-1.49	21.97	<=33.01	Pass
		25	0	22.46	-1.49	20.97	<=33.01	Pass
			13	22.56	-1.49	21.07	<=33.01	Pass
			25	22.50	-1.49	21.01	<=33.01	Pass
		50	0	22.52	-1.49	21.03	<=33.01	Pass
	2535	1	0	23.56	-1.49	22.07	<=33.01	Pass
			25	23.57	-1.49	22.08	<=33.01	Pass
			49	23.47	-1.49	21.98	<=33.01	Pass
		25	0	22.57	-1.49	21.08	<=33.01	Pass
			13	22.58	-1.49	21.09	<=33.01	Pass
			25	22.55	-1.49	21.06	<=33.01	Pass
		50	0	22.50	-1.49	21.01	<=33.01	Pass
	2565	1	0	23.50	-1.49	22.01	<=33.01	Pass
			25	23.32	-1.49	21.83	<=33.01	Pass
			49	23.44	-1.49	21.95	<=33.01	Pass
		25	0	22.50	-1.49	21.01	<=33.01	Pass
			13	22.48	-1.49	20.99	<=33.01	Pass
			25	22.48	-1.49	20.99	<=33.01	Pass
		50	0	22.32	-1.49	20.83	<=33.01	Pass
16QAM	2505	1	0	22.66	-1.49	21.17	<=33.01	Pass
			25	22.61	-1.49	21.12	<=33.01	Pass
			49	22.82	-1.49	21.33	<=33.01	Pass
		25	0	21.52	-1.49	20.03	<=33.01	Pass
			13	21.65	-1.49	20.16	<=33.01	Pass
			25	21.48	-1.49	19.99	<=33.01	Pass
		50	0	21.58	-1.49	20.09	<=33.01	Pass
	2535	1	0	22.80	-1.49	21.31	<=33.01	Pass
			25	22.62	-1.49	21.13	<=33.01	Pass
			49	22.82	-1.49	21.33	<=33.01	Pass
		25	0	21.56	-1.49	20.07	<=33.01	Pass
			13	21.55	-1.49	20.06	<=33.01	Pass
			25	21.52	-1.49	20.03	<=33.01	Pass
		50	0	21.52	-1.49	20.03	<=33.01	Pass
	2565	1	0	22.70	-1.49	21.21	<=33.01	Pass

			25	22.48	-1.49	20.99	<=33.01	Pass	
			49	22.62	-1.49	21.13	<=33.01	Pass	
		25	0	21.56	-1.49	20.07	<=33.01	Pass	
			13	21.58	-1.49	20.09	<=33.01	Pass	
			25	21.49	-1.49	20.00	<=33.01	Pass	
		50	0	21.48	-1.49	19.99	<=33.01	Pass	
64QAM	2505	1	0	22.66	-1.49	21.17	<=33.01	Pass	
			25	22.42	-1.49	20.93	<=33.01	Pass	
			49	22.29	-1.49	20.80	<=33.01	Pass	
		25	0	21.59	-1.49	20.10	<=33.01	Pass	
			13	21.54	-1.49	20.05	<=33.01	Pass	
			25	21.56	-1.49	20.07	<=33.01	Pass	
		50	0	21.56	-1.49	20.07	<=33.01	Pass	
		2535	1	0	22.52	-1.49	21.03	<=33.01	Pass
				25	22.60	-1.49	21.11	<=33.01	Pass
	49			22.87	-1.49	21.38	<=33.01	Pass	
	25		0	21.59	-1.49	20.10	<=33.01	Pass	
			13	21.46	-1.49	19.97	<=33.01	Pass	
			25	21.57	-1.49	20.08	<=33.01	Pass	
	50		0	21.53	-1.49	20.04	<=33.01	Pass	
	2565		1	0	22.78	-1.49	21.29	<=33.01	Pass
				25	22.55	-1.49	21.06	<=33.01	Pass
		49		22.49	-1.49	21.00	<=33.01	Pass	
		25	0	21.52	-1.49	20.03	<=33.01	Pass	
			13	21.50	-1.49	20.01	<=33.01	Pass	
			25	21.49	-1.49	20.00	<=33.01	Pass	
		50	0	21.48	-1.49	19.99	<=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	23.43	-1.49	21.94	<=33.01	Pass
			38	23.48	-1.49	21.99	<=33.01	Pass
			74	23.31	-1.49	21.82	<=33.01	Pass
		36	0	22.46	-1.49	20.97	<=33.01	Pass
			18	22.58	-1.49	21.09	<=33.01	Pass
			39	22.55	-1.49	21.06	<=33.01	Pass
		75	0	22.53	-1.49	21.04	<=33.01	Pass
	2535	1	0	23.56	-1.49	22.07	<=33.01	Pass
			38	23.95	-1.49	22.46	<=33.01	Pass
			74	23.46	-1.49	21.97	<=33.01	Pass
		36	0	22.51	-1.49	21.02	<=33.01	Pass
			18	22.58	-1.49	21.09	<=33.01	Pass
			39	22.59	-1.49	21.10	<=33.01	Pass
		75	0	22.56	-1.49	21.07	<=33.01	Pass
	2562.5	1	0	23.44	-1.49	21.95	<=33.01	Pass
			38	23.44	-1.49	21.95	<=33.01	Pass
			74	23.35	-1.49	21.86	<=33.01	Pass
		36	0	22.46	-1.49	20.97	<=33.01	Pass
			18	22.41	-1.49	20.92	<=33.01	Pass
			39	22.46	-1.49	20.97	<=33.01	Pass
		75	0	22.40	-1.49	20.91	<=33.01	Pass
16QAM	2507.5	1	0	22.63	-1.49	21.14	<=33.01	Pass
			38	22.81	-1.49	21.32	<=33.01	Pass

		36	74	22.22	-1.49	20.73	<=33.01	Pass	
			0	21.41	-1.49	19.92	<=33.01	Pass	
			18	21.25	-1.49	19.76	<=33.01	Pass	
			39	21.45	-1.49	19.96	<=33.01	Pass	
		75	0	21.47	-1.49	19.98	<=33.01	Pass	
	2535	1	0	22.75	-1.49	21.26	<=33.01	Pass	
			38	22.80	-1.49	21.31	<=33.01	Pass	
			74	22.67	-1.49	21.18	<=33.01	Pass	
		36	0	21.54	-1.49	20.05	<=33.01	Pass	
			18	21.51	-1.49	20.02	<=33.01	Pass	
			39	21.52	-1.49	20.03	<=33.01	Pass	
		75	0	21.42	-1.49	19.93	<=33.01	Pass	
	2562.5	1	0	22.55	-1.49	21.06	<=33.01	Pass	
			38	22.64	-1.49	21.15	<=33.01	Pass	
			74	22.37	-1.49	20.88	<=33.01	Pass	
		36	0	21.42	-1.49	19.93	<=33.01	Pass	
			18	21.52	-1.49	20.03	<=33.01	Pass	
			39	21.37	-1.49	19.88	<=33.01	Pass	
	75	0	21.39	-1.49	19.90	<=33.01	Pass		
	64QAM	2507.5	1	0	22.28	-1.49	20.79	<=33.01	Pass
				38	22.57	-1.49	21.08	<=33.01	Pass
74				22.82	-1.49	21.33	<=33.01	Pass	
36			0	21.59	-1.49	20.10	<=33.01	Pass	
			18	21.62	-1.49	20.13	<=33.01	Pass	
			39	21.59	-1.49	20.10	<=33.01	Pass	
75			0	21.54	-1.49	20.05	<=33.01	Pass	
2535		1	0	22.67	-1.49	21.18	<=33.01	Pass	
			38	22.69	-1.49	21.20	<=33.01	Pass	
			74	22.41	-1.49	20.92	<=33.01	Pass	
		36	0	21.53	-1.49	20.04	<=33.01	Pass	
			18	21.55	-1.49	20.06	<=33.01	Pass	
			39	21.54	-1.49	20.05	<=33.01	Pass	
75		0	21.59	-1.49	20.10	<=33.01	Pass		
2562.5		1	0	22.35	-1.49	20.86	<=33.01	Pass	
			38	22.74	-1.49	21.25	<=33.01	Pass	
			74	22.26	-1.49	20.77	<=33.01	Pass	
		36	0	21.42	-1.49	19.93	<=33.01	Pass	
			18	21.44	-1.49	19.95	<=33.01	Pass	
			39	21.46	-1.49	19.97	<=33.01	Pass	
		75	0	21.35	-1.49	19.86	<=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	23.67	-1.49	22.18	<=33.01	Pass
			50	23.19	-1.49	21.70	<=33.01	Pass
			99	23.25	-1.49	21.76	<=33.01	Pass
		50	0	22.47	-1.49	20.98	<=33.01	Pass
			25	22.55	-1.49	21.06	<=33.01	Pass
			50	22.49	-1.49	21.00	<=33.01	Pass
		100	0	22.48	-1.49	20.99	<=33.01	Pass
	2535	1	0	23.51	-1.49	22.02	<=33.01	Pass
			50	23.26	-1.49	21.77	<=33.01	Pass
			99	23.71	-1.49	22.22	<=33.01	Pass

		50	0	22.62	-1.49	21.13	<=33.01	Pass		
			25	22.49	-1.49	21.00	<=33.01	Pass		
			50	22.59	-1.49	21.10	<=33.01	Pass		
		100	0	22.46	-1.49	20.97	<=33.01	Pass		
			2560	1	0	23.49	-1.49	22.00	<=33.01	Pass
					50	23.47	-1.49	21.98	<=33.01	Pass
		99			23.65	-1.49	22.16	<=33.01	Pass	
		50		0	22.45	-1.49	20.96	<=33.01	Pass	
				25	22.60	-1.49	21.11	<=33.01	Pass	
	50			22.50	-1.49	21.01	<=33.01	Pass		
	100	0	22.42	-1.49	20.93	<=33.01	Pass			
	16QAM	2510	1	0	22.86	-1.49	21.37	<=33.01	Pass	
50				22.70	-1.49	21.21	<=33.01	Pass		
99				22.55	-1.49	21.06	<=33.01	Pass		
50			0	21.44	-1.49	19.95	<=33.01	Pass		
			25	21.57	-1.49	20.08	<=33.01	Pass		
			50	21.49	-1.49	20.00	<=33.01	Pass		
100			0	21.57	-1.49	20.08	<=33.01	Pass		
2535			1	0	22.71	-1.49	21.22	<=33.01	Pass	
				50	22.81	-1.49	21.32	<=33.01	Pass	
		99		22.64	-1.49	21.15	<=33.01	Pass		
		50	0	21.53	-1.49	20.04	<=33.01	Pass		
			25	21.50	-1.49	20.01	<=33.01	Pass		
			50	21.49	-1.49	20.00	<=33.01	Pass		
		100	0	21.51	-1.49	20.02	<=33.01	Pass		
		2560	1	0	22.67	-1.49	21.18	<=33.01	Pass	
				50	22.86	-1.49	21.37	<=33.01	Pass	
99				22.23	-1.49	20.74	<=33.01	Pass		
50			0	21.52	-1.49	20.03	<=33.01	Pass		
			25	21.56	-1.49	20.07	<=33.01	Pass		
			50	21.45	-1.49	19.96	<=33.01	Pass		
100			0	21.50	-1.49	20.01	<=33.01	Pass		
64QAM			2510	1	0	22.41	-1.49	20.92	<=33.01	Pass
					50	22.19	-1.49	20.70	<=33.01	Pass
		99			22.44	-1.49	20.95	<=33.01	Pass	
		50		0	21.49	-1.49	20.00	<=33.01	Pass	
				25	21.58	-1.49	20.09	<=33.01	Pass	
				50	21.54	-1.49	20.05	<=33.01	Pass	
		100		0	21.49	-1.49	20.00	<=33.01	Pass	
		2535		1	0	22.71	-1.49	21.22	<=33.01	Pass
					50	22.44	-1.49	20.95	<=33.01	Pass
	99		22.57		-1.49	21.08	<=33.01	Pass		
	50		0	21.43	-1.49	19.94	<=33.01	Pass		
			25	21.60	-1.49	20.11	<=33.01	Pass		
			50	21.51	-1.49	20.02	<=33.01	Pass		
	100		0	21.46	-1.49	19.97	<=33.01	Pass		
	2560		1	0	22.64	-1.49	21.15	<=33.01	Pass	
				50	22.47	-1.49	20.98	<=33.01	Pass	
		99		22.55	-1.49	21.06	<=33.01	Pass		
		50	0	21.41	-1.49	19.92	<=33.01	Pass		
			25	21.53	-1.49	20.04	<=33.01	Pass		
			50	21.41	-1.49	19.92	<=33.01	Pass		
		100	0	21.48	-1.49	19.99	<=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	0.600	0.0002	-2.5 to 2.5	Pass
					NV	-1.400	-0.0006	-2.5 to 2.5	Pass
					HV	0.300	0.0001	-2.5 to 2.5	Pass
				-30	NV	-2.800	-0.0011	-2.5 to 2.5	Pass
				-20	NV	0.500	0.0002	-2.5 to 2.5	Pass
				-10	NV	-1.400	-0.0006	-2.5 to 2.5	Pass
				0	NV	-1.700	-0.0007	-2.5 to 2.5	Pass
				10	NV	-1.200	-0.0005	-2.5 to 2.5	Pass
				30	NV	-0.100	0.0000	-2.5 to 2.5	Pass
				40	NV	-1.000	-0.0004	-2.5 to 2.5	Pass
				50	NV	-0.800	-0.0003	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

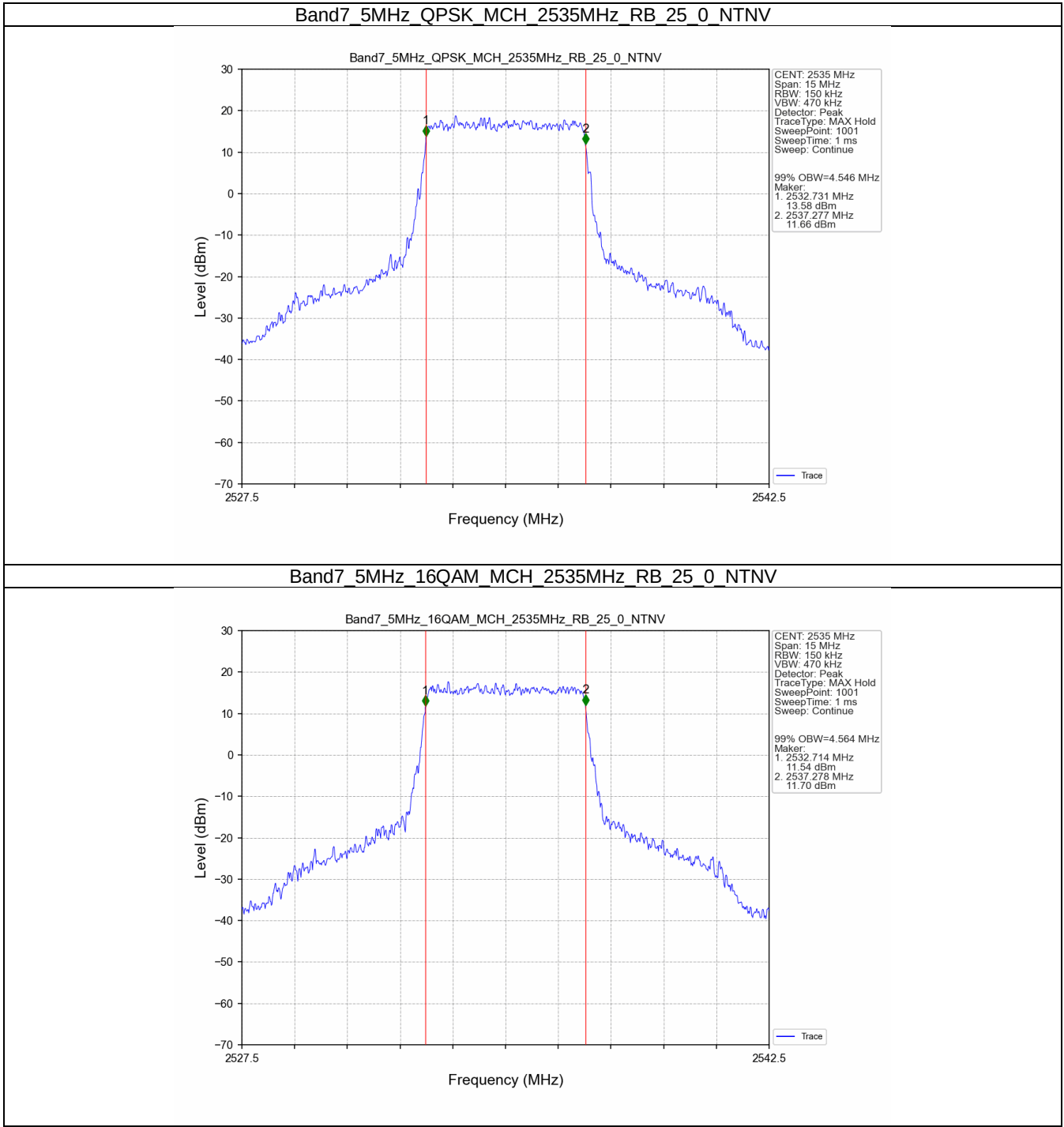
Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.546	/	Pass
	16QAM	2535	25	0	4.564	/	Pass
10	QPSK	2535	50	0	9.068	/	Pass
	16QAM	2535	50	0	9.064	/	Pass
15	QPSK	2535	75	0	13.625	/	Pass
	16QAM	2535	75	0	13.640	/	Pass
20	QPSK	2535	100	0	18.150	/	Pass
	16QAM	2535	100	0	18.156	/	Pass

3.1.2 Band7_XDB

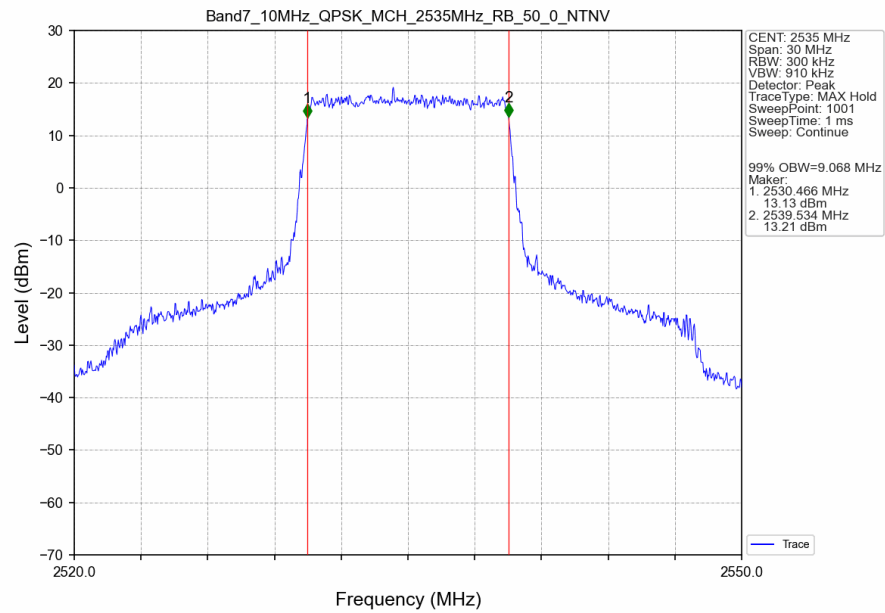
Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.198	/	Pass
	16QAM	2535	25	0	5.247	/	Pass
10	QPSK	2535	50	0	10.183	/	Pass
	16QAM	2535	50	0	10.169	/	Pass
15	QPSK	2535	75	0	15.152	/	Pass
	16QAM	2535	75	0	15.030	/	Pass
20	QPSK	2535	100	0	20.126	/	Pass
	16QAM	2535	100	0	20.226	/	Pass

3.2 Test Graph

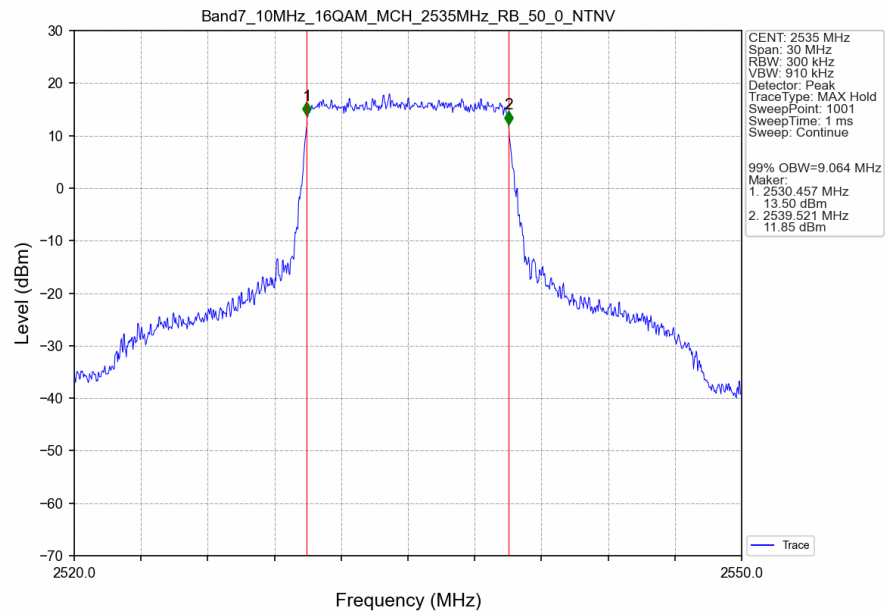
3.2.1 Band7_OBW



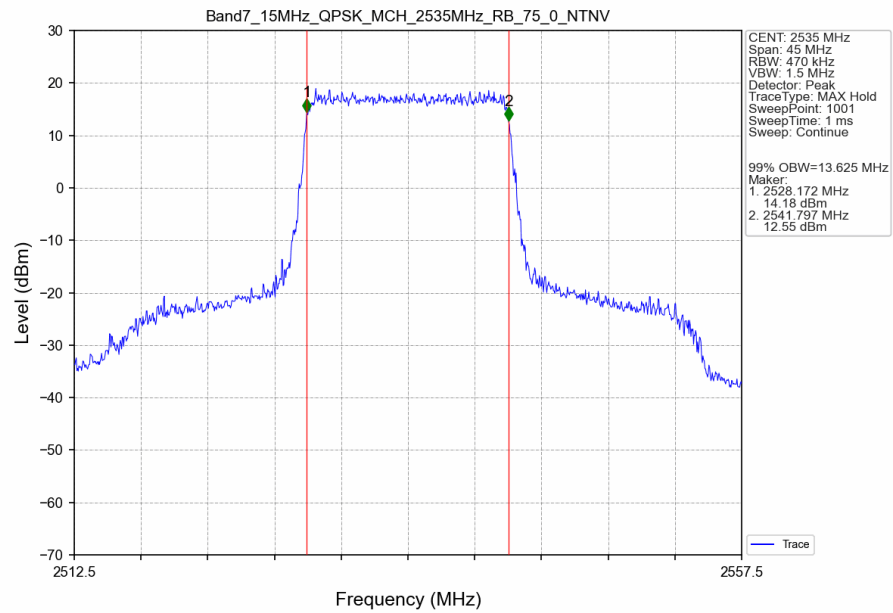
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTV



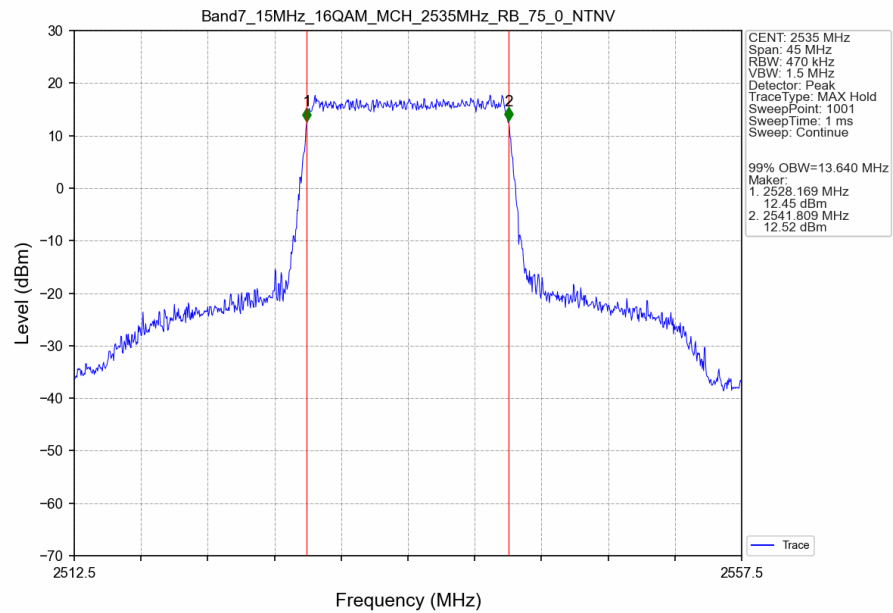
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTV



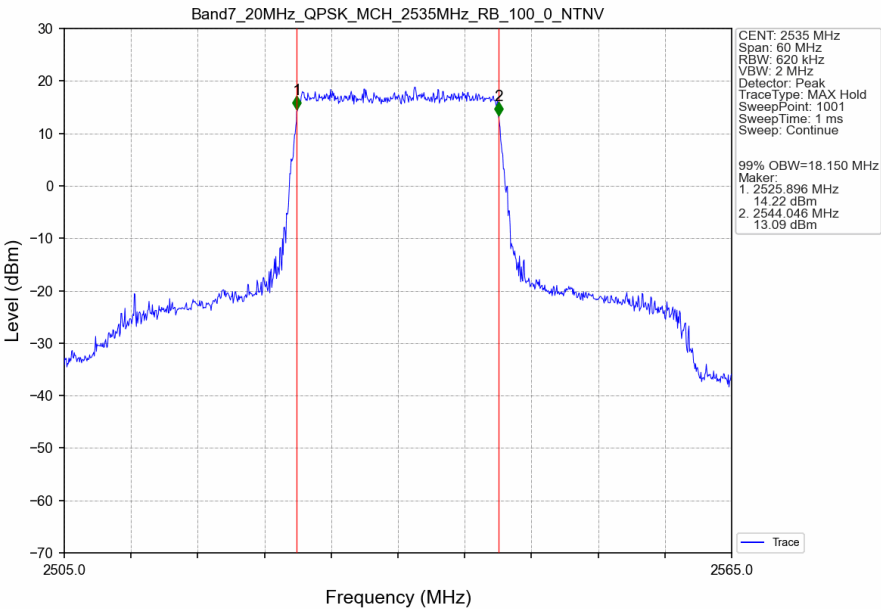
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTV



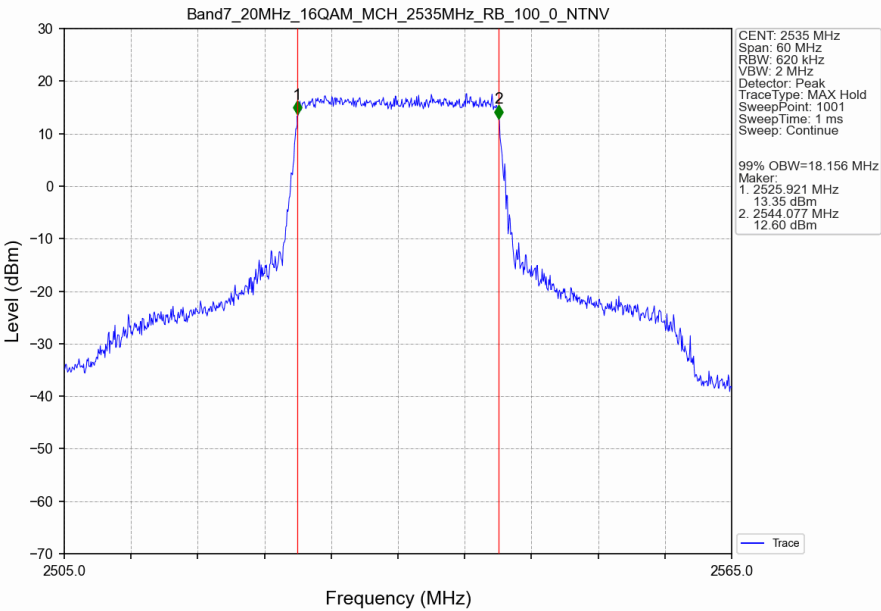
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTV



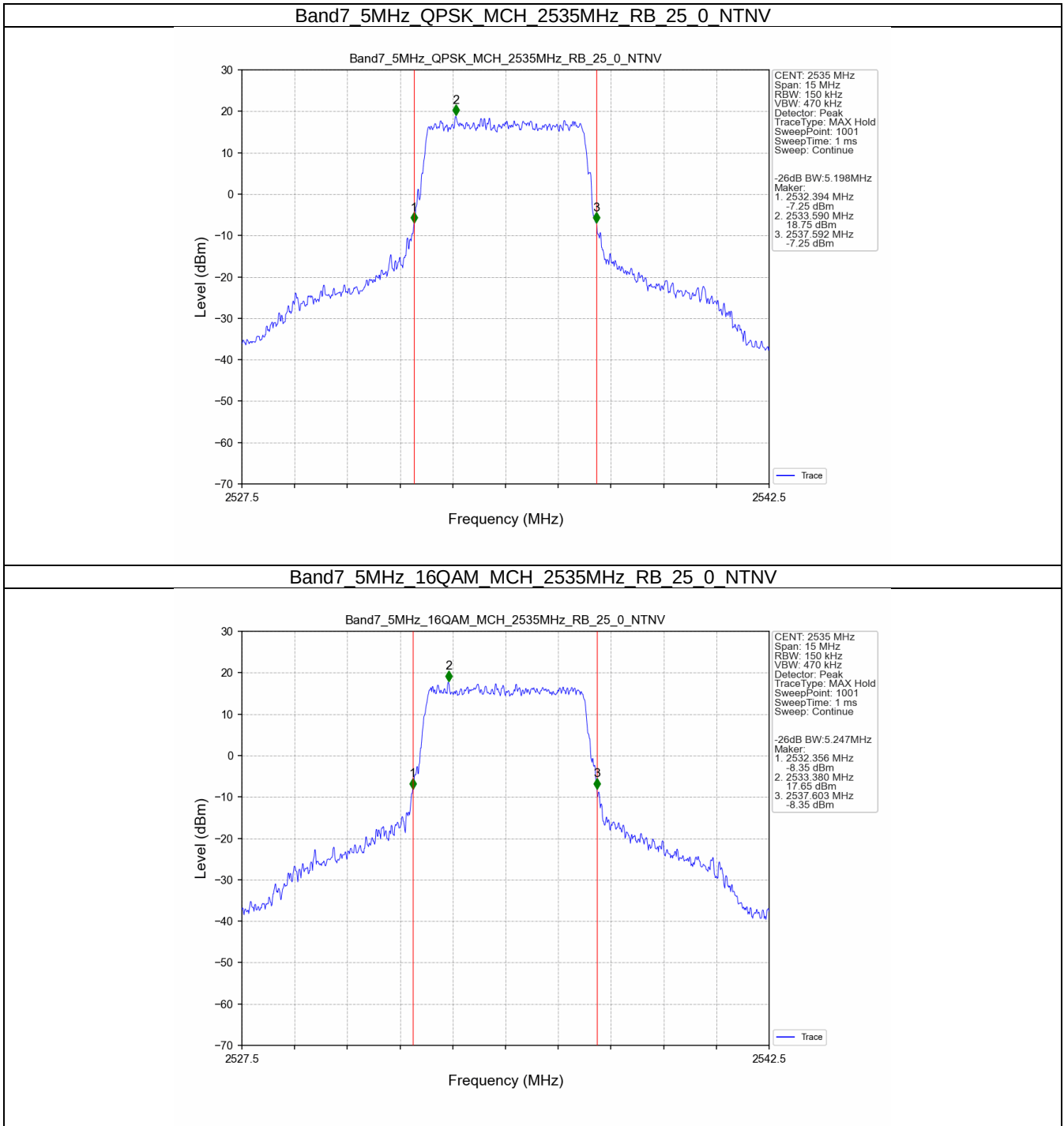
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



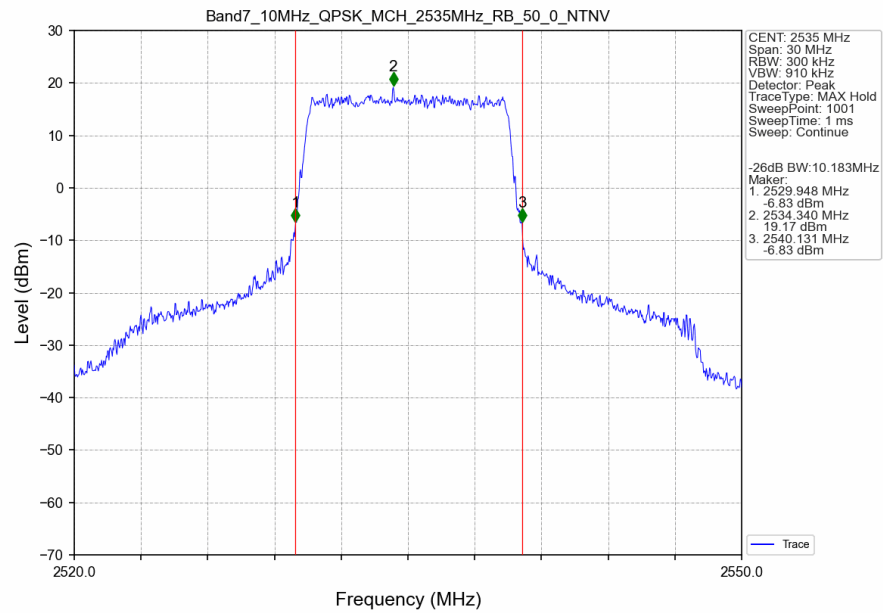
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



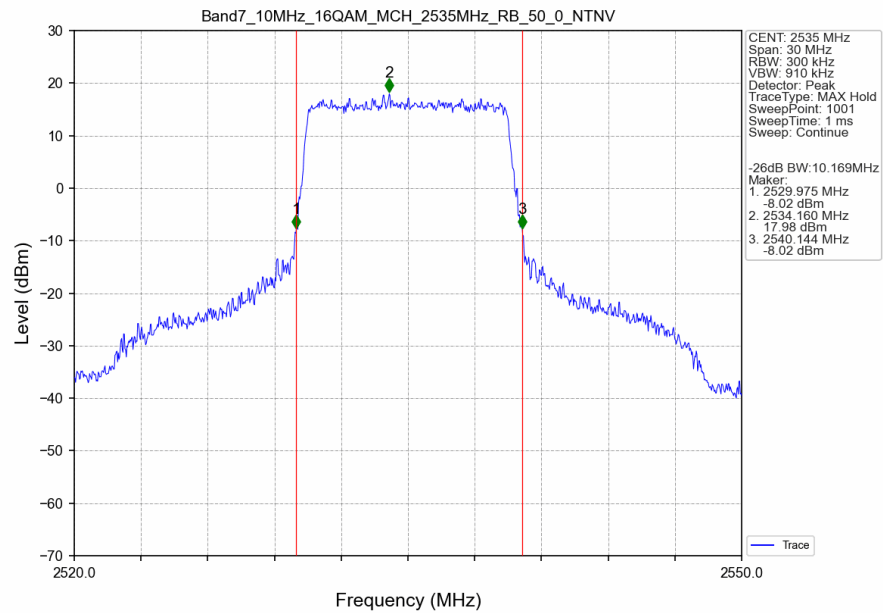
3.2.2 Band7_XDB



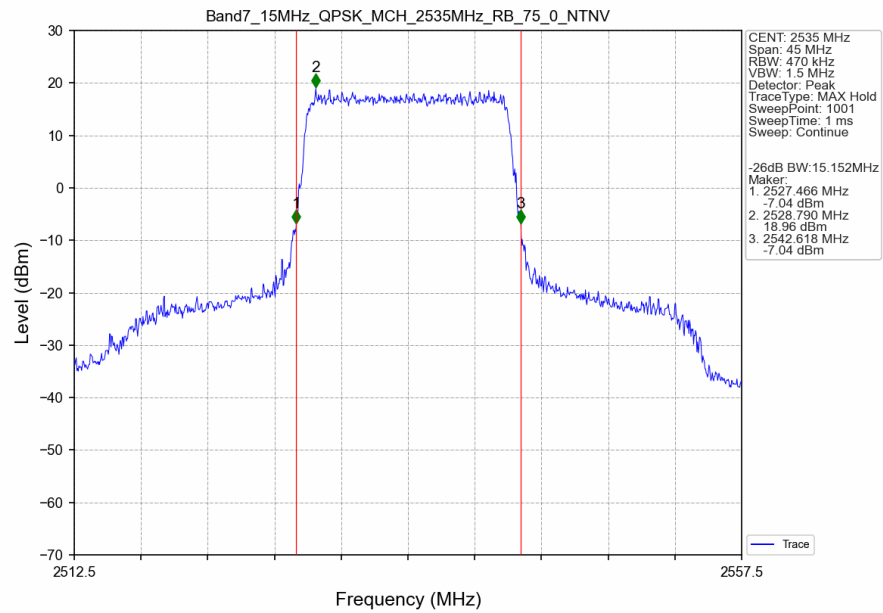
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTV



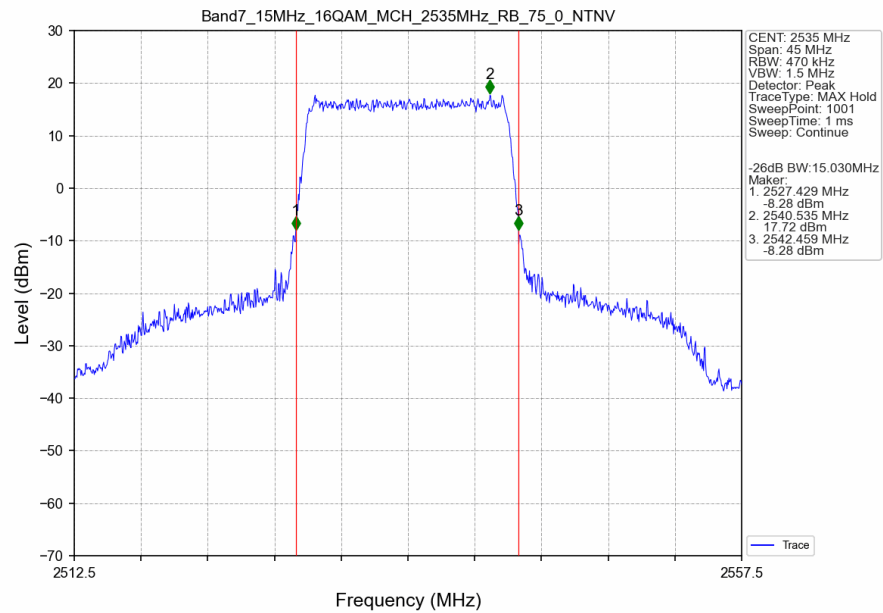
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTV



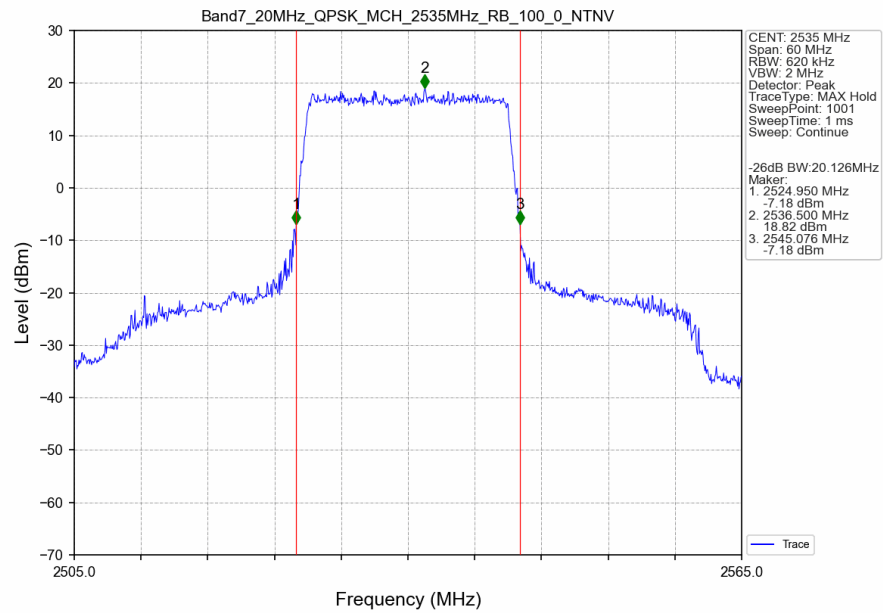
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTNV



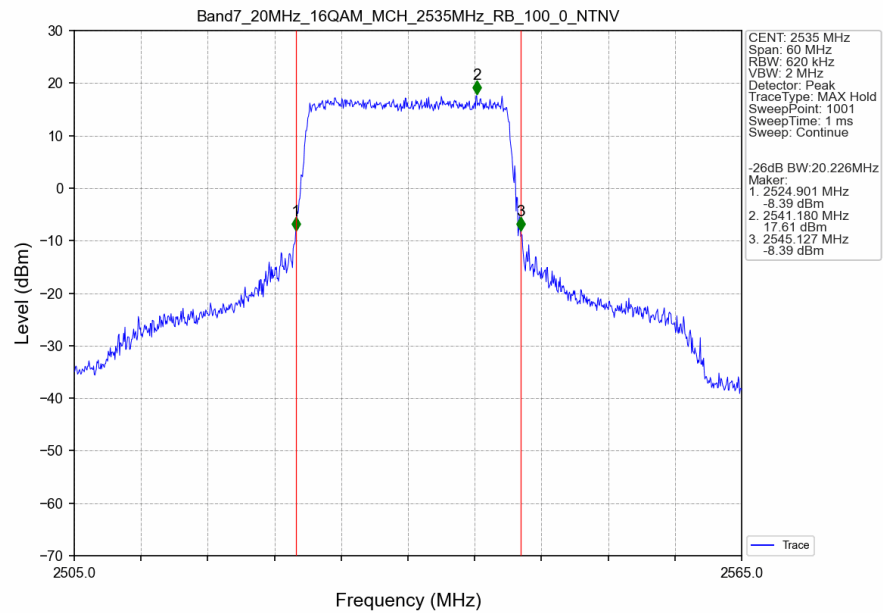
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTNV



Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



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



4. Peak-Average Ratio

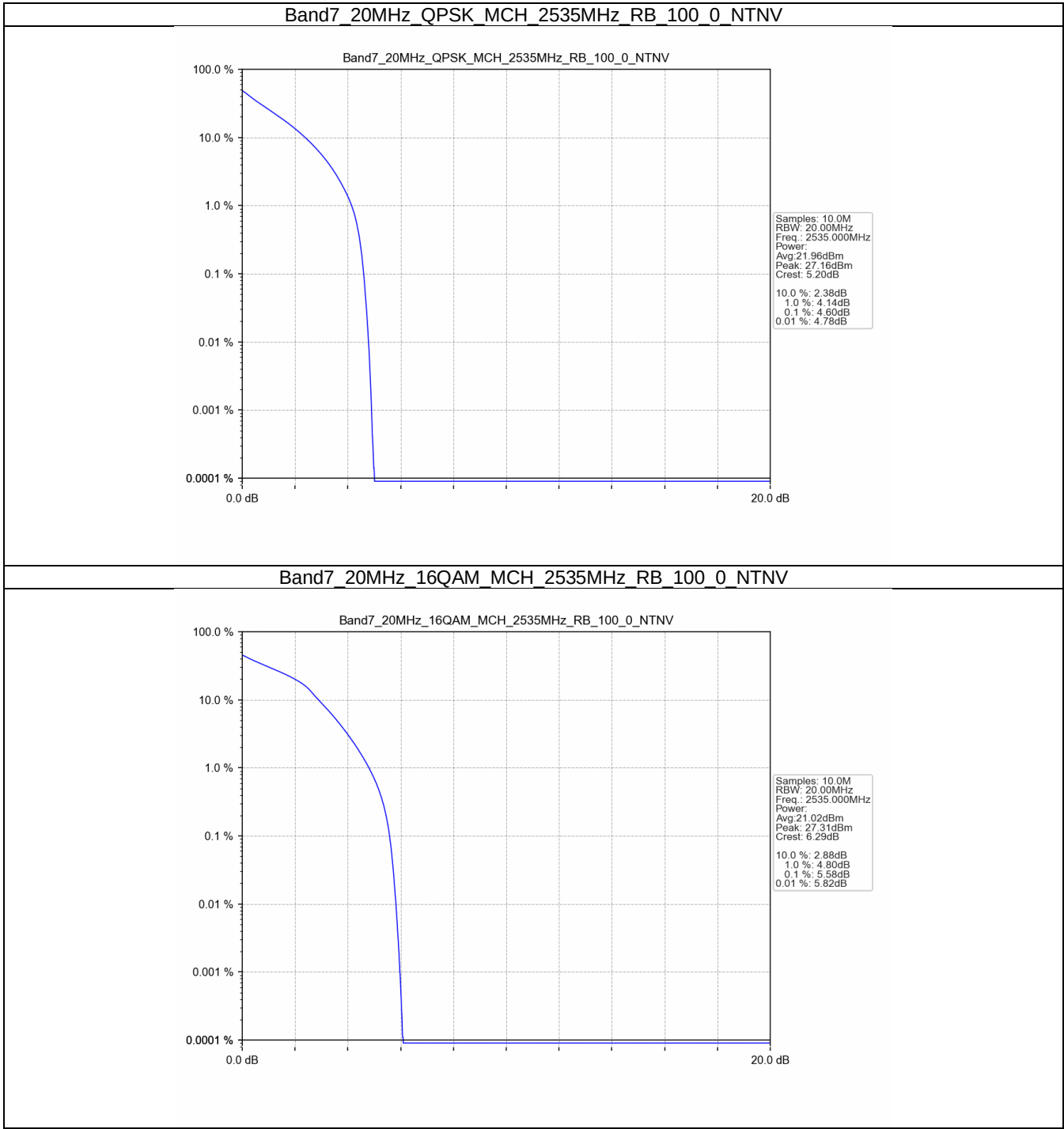
4.1 Test Result

4.1.1 B7_20MHz

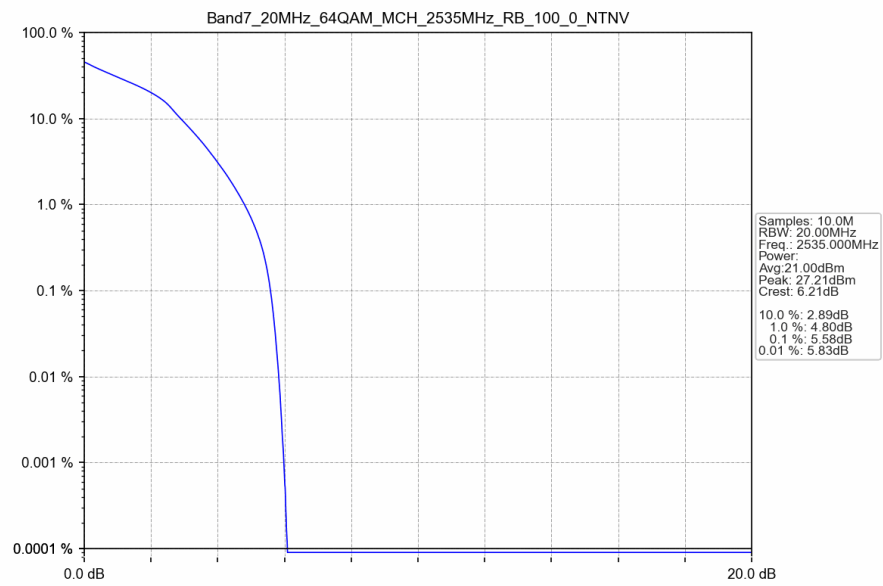
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	4.60	<=13	Pass
16QAM	2535	100	0	5.58	<=13	Pass
64QAM	2535	100	0	5.58	<=13	Pass

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	
	24			Refer To Test Graph		Pass
	25		0	Refer To Test Graph		Pass

5.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTV						
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

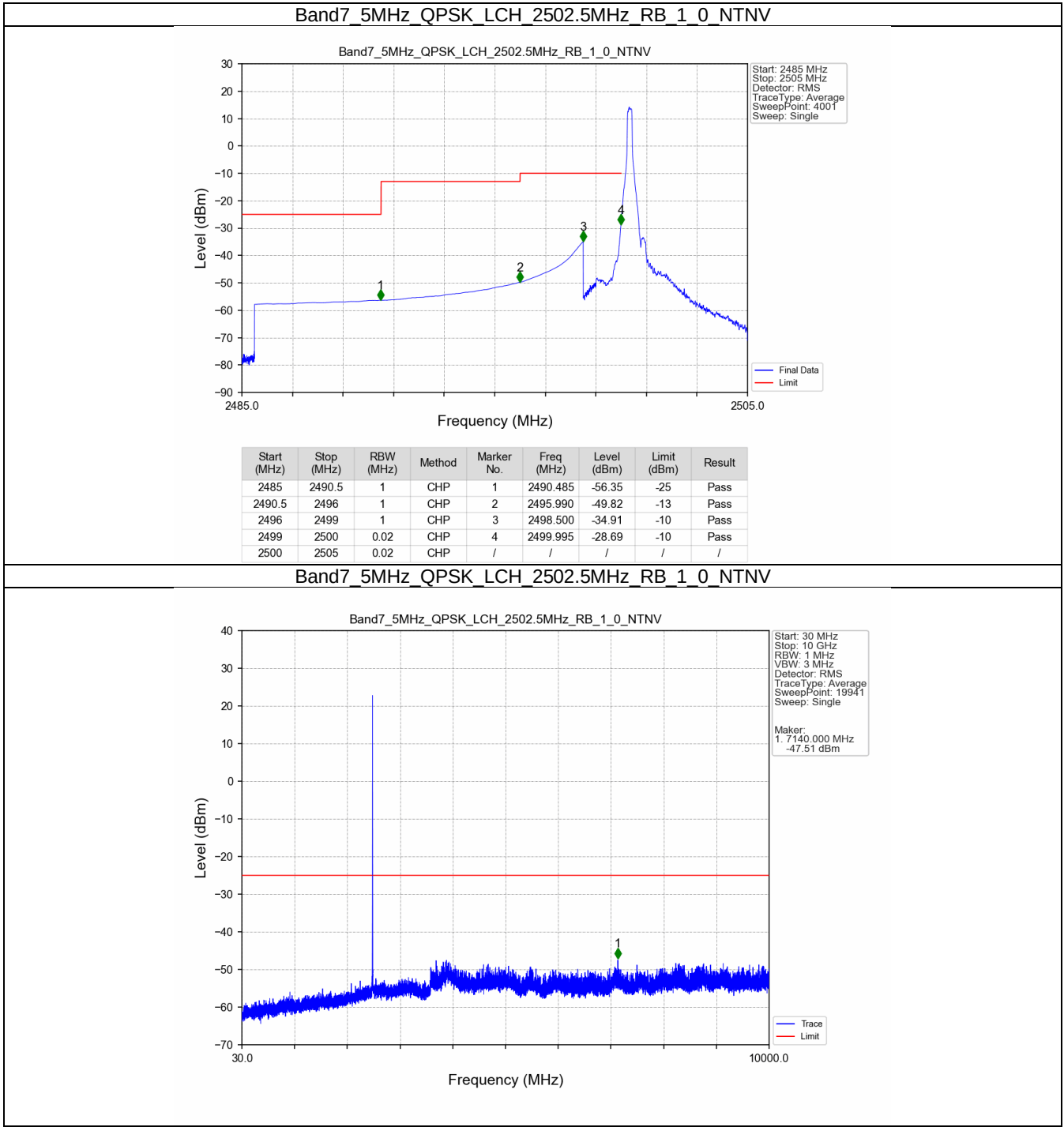
Band: 7 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test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

5.1.4 B7_20MHz

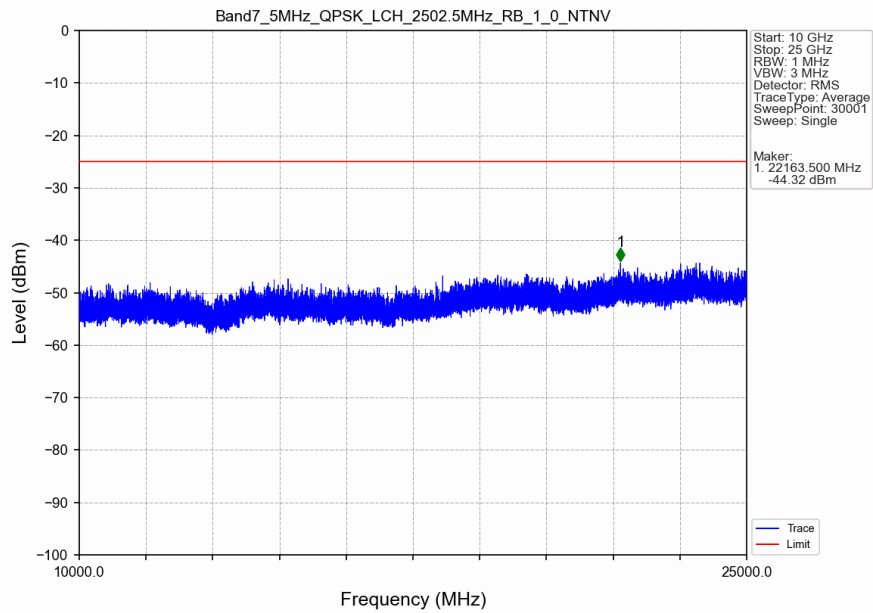
Band: 7 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

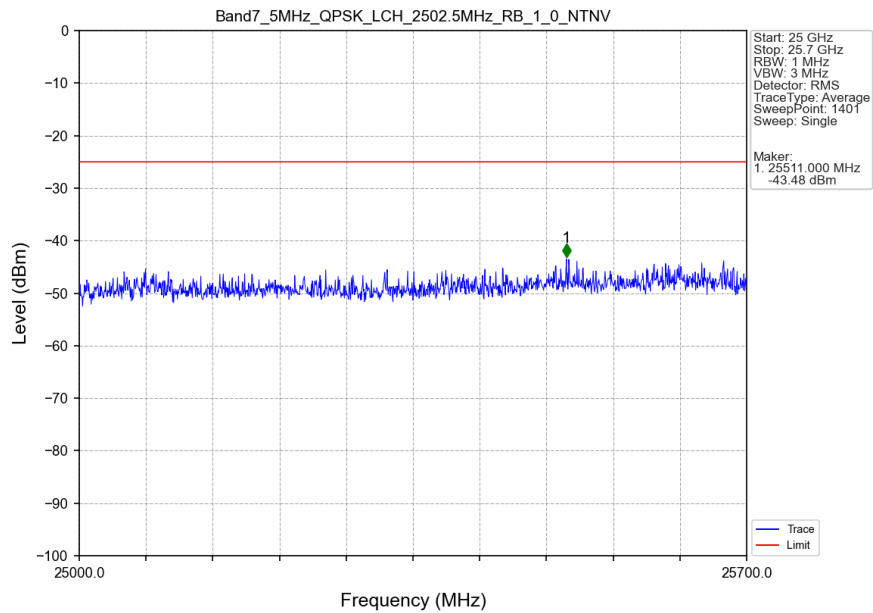
5.2.1 B7_5MHz



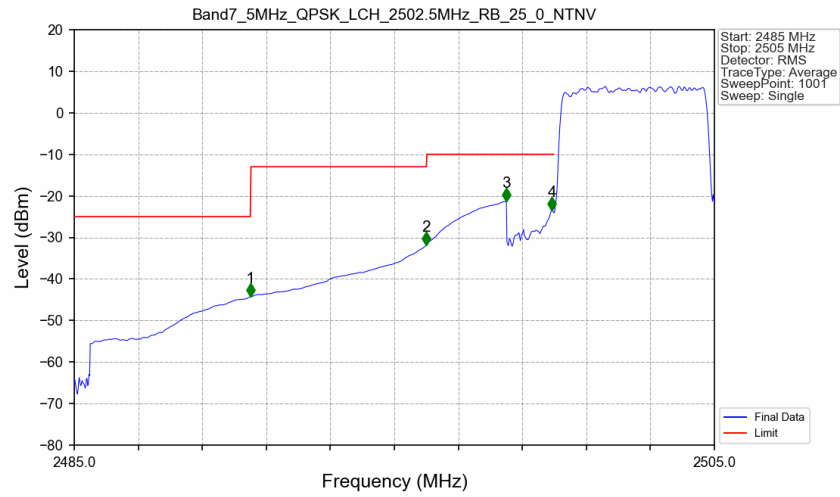
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



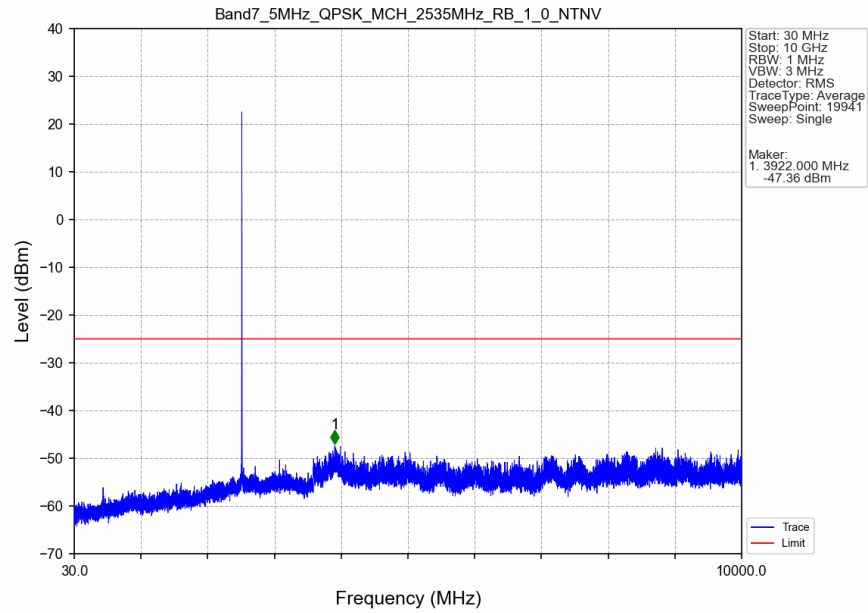
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



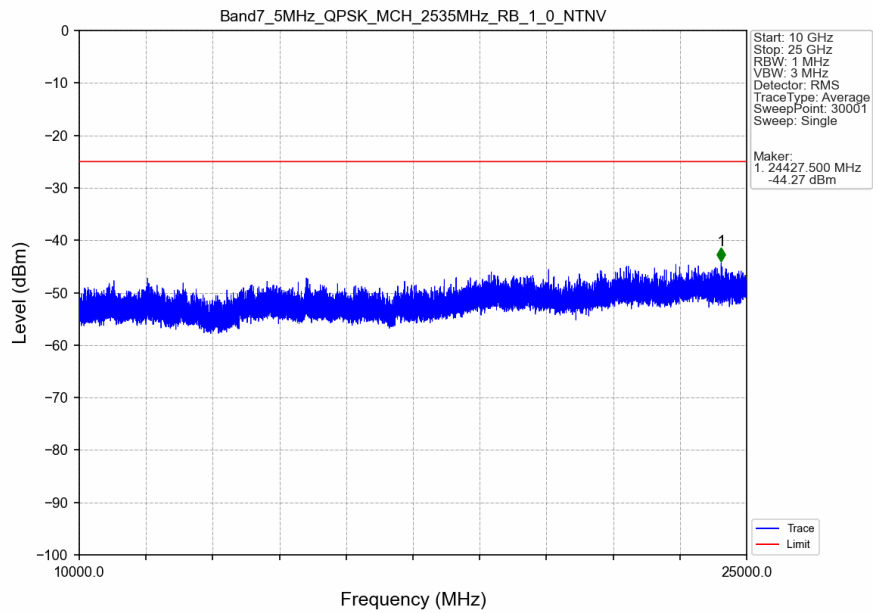
Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTN



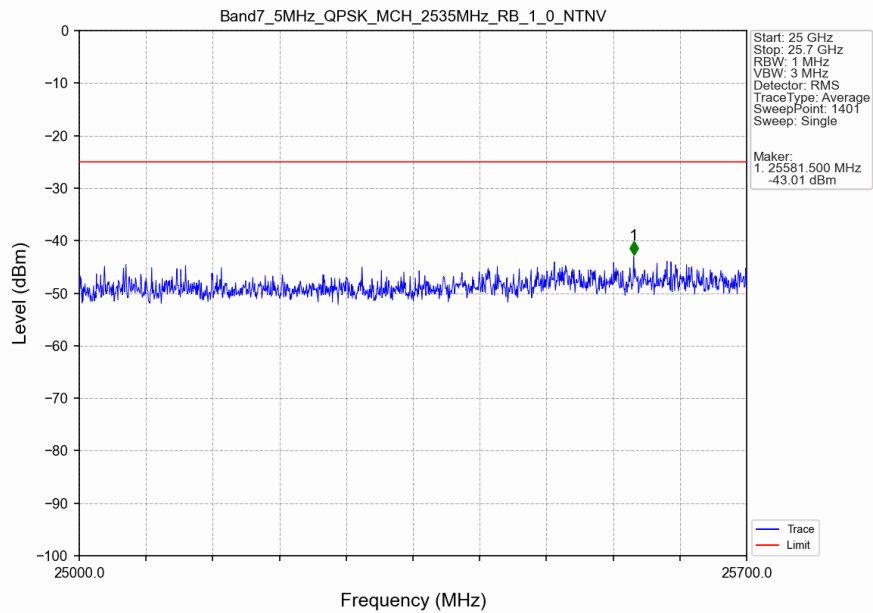
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTN



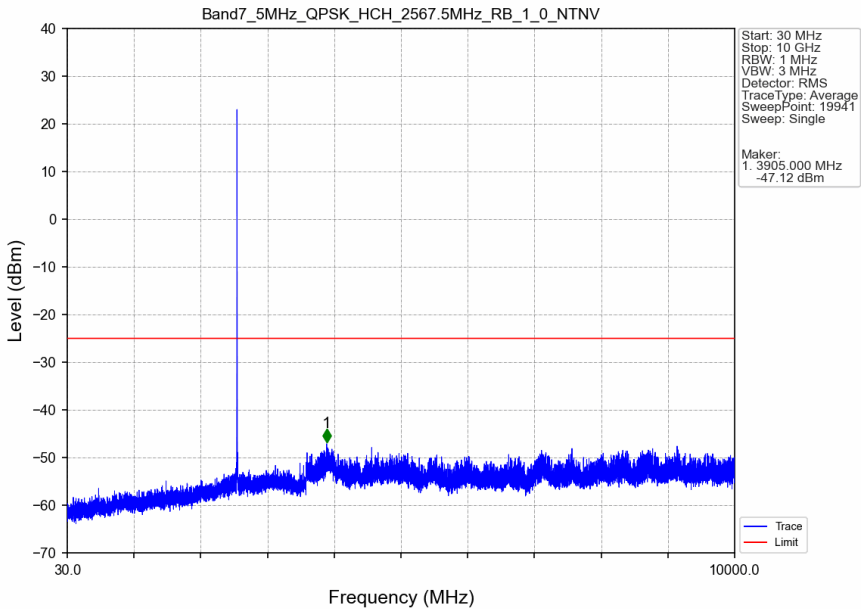
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTN



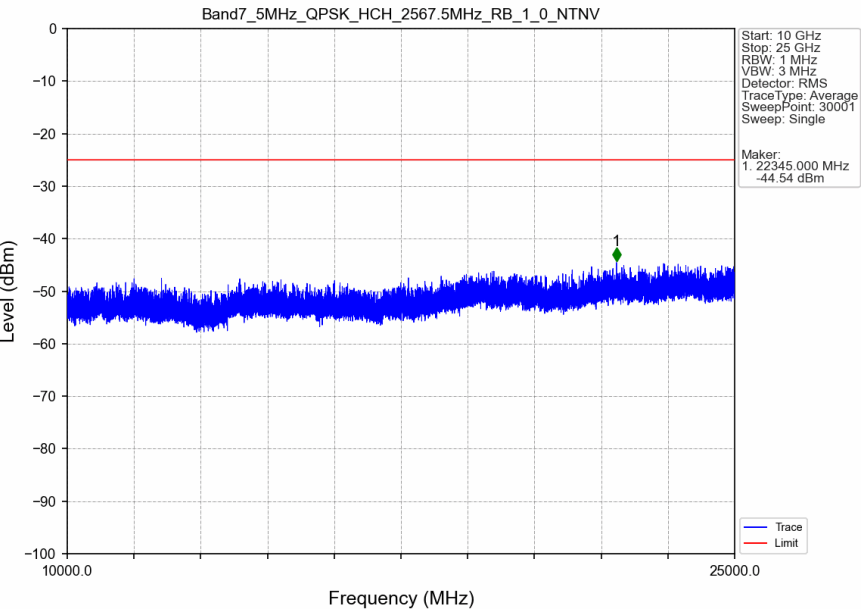
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTN



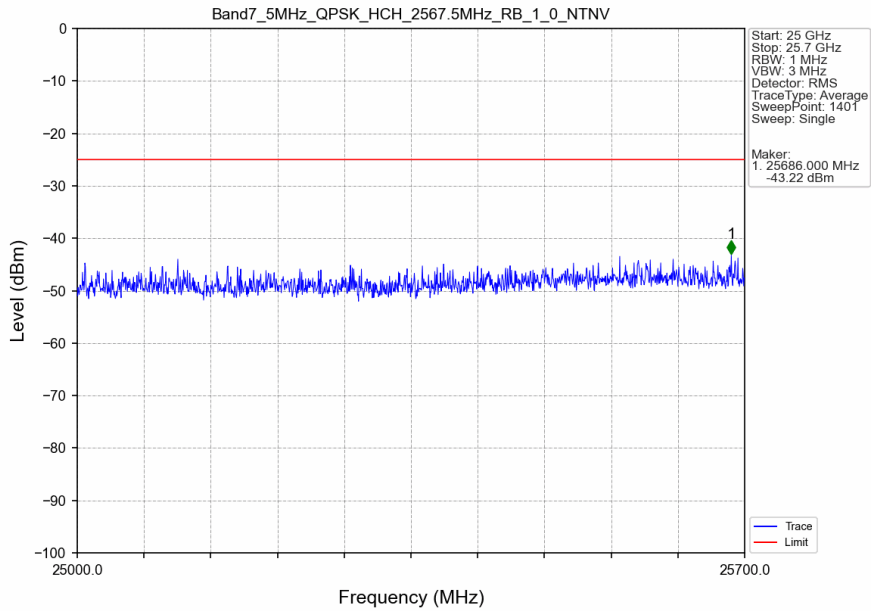
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



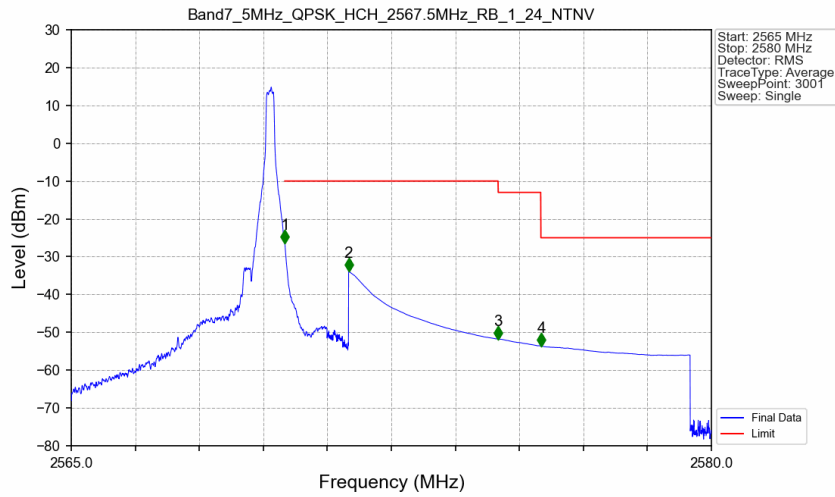
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTNV

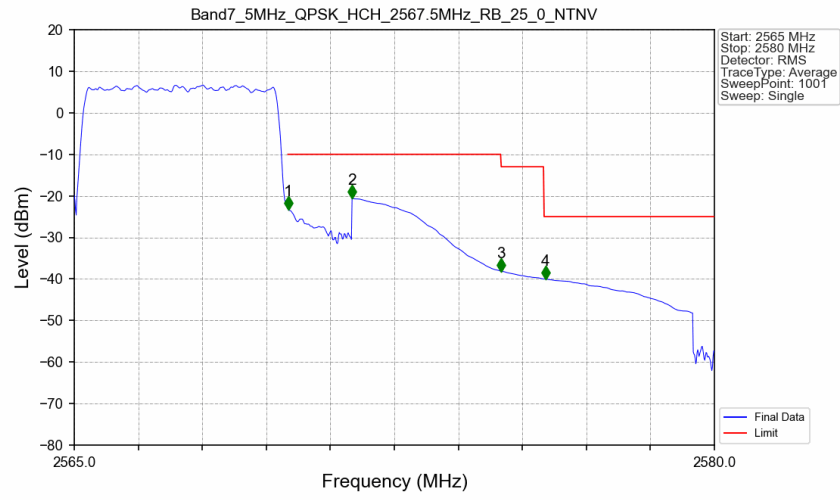


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



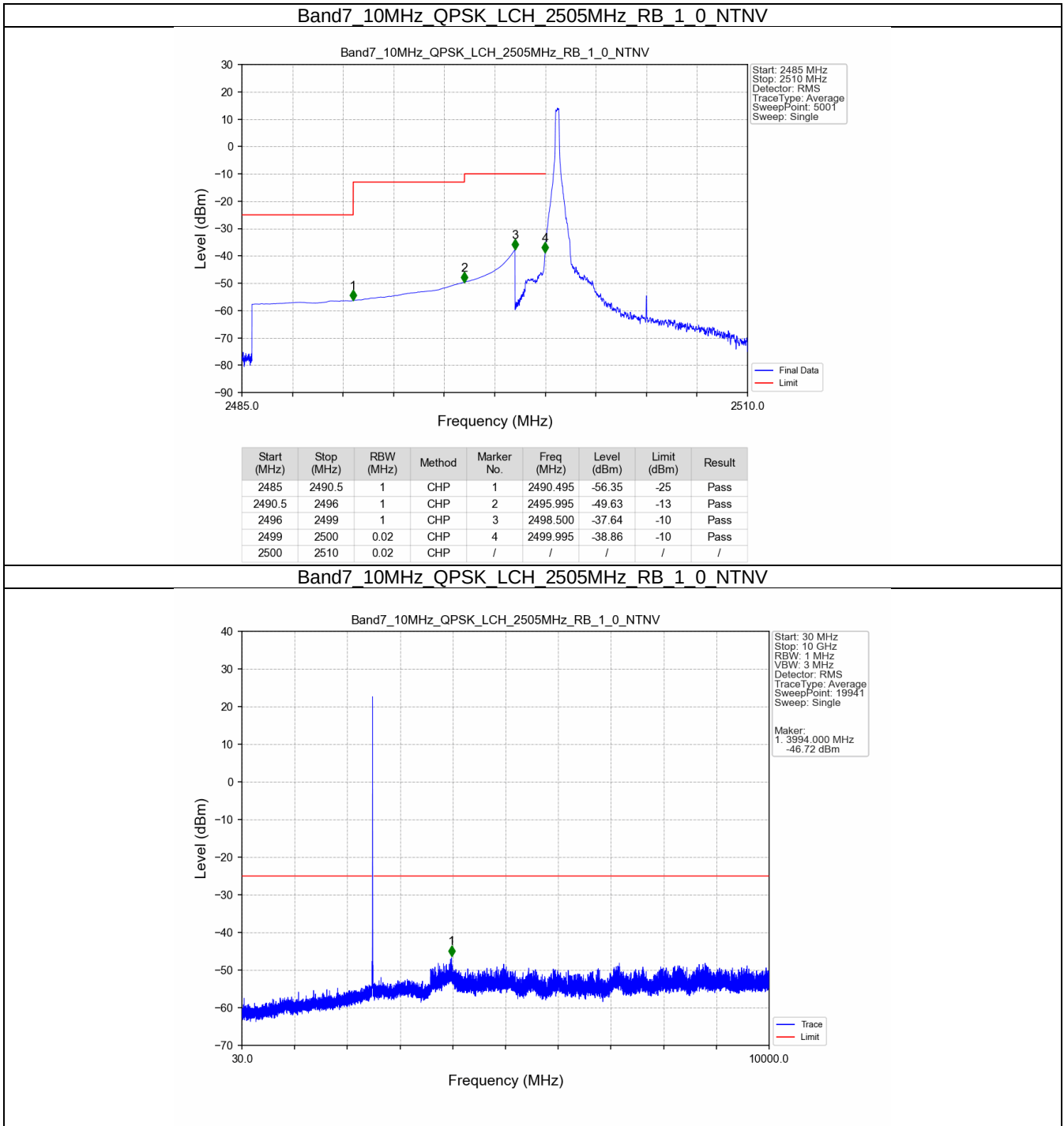
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-26.49	-10	Pass
2571	2575	1	CHP	2	2571.500	-33.90	-10	Pass
2575	2576	1	CHP	3	2575.005	-51.80	-13	Pass
2576	2580	1	CHP	4	2576.015	-53.66	-25	Pass

Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTN

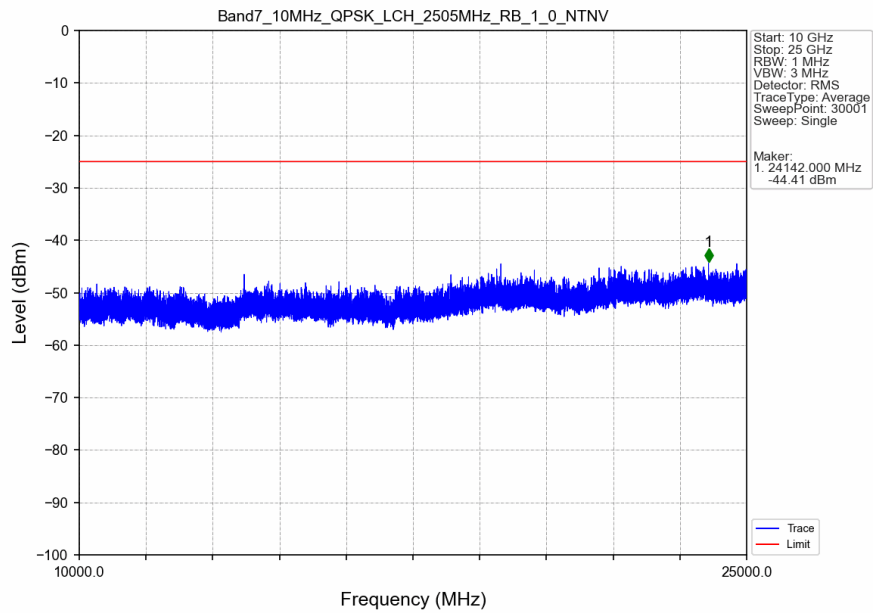


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.104	CHP	/	/	/	/	/
2570	2571	0.104	CHP	1	2570.010	-23.26	-10	Pass
2571	2575	1	CHP	2	2571.510	-20.62	-10	Pass
2575	2576	1	CHP	3	2575.005	-38.18	-13	Pass
2576	2580	1	CHP	4	2576.040	-40.01	-25	Pass

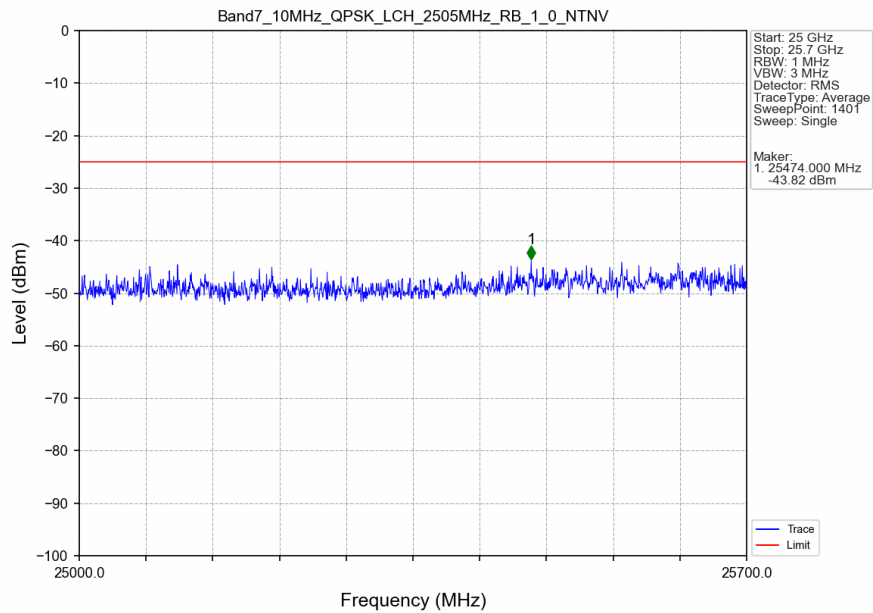
5.2.2 B7_10MHz



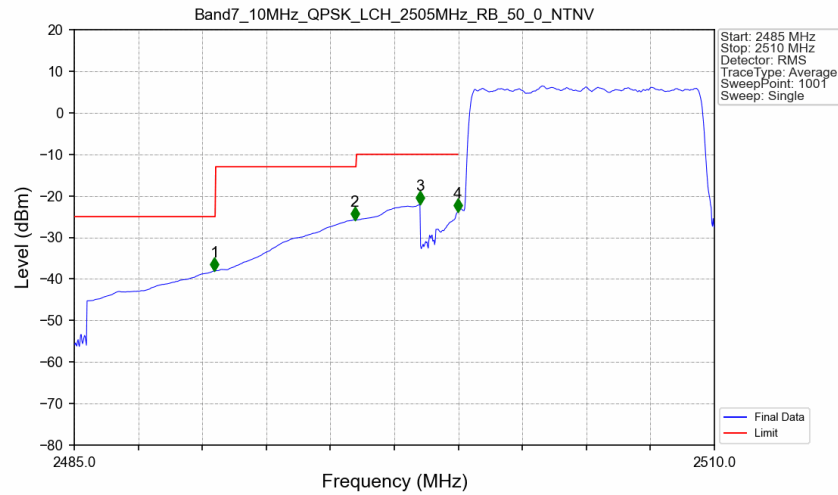
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

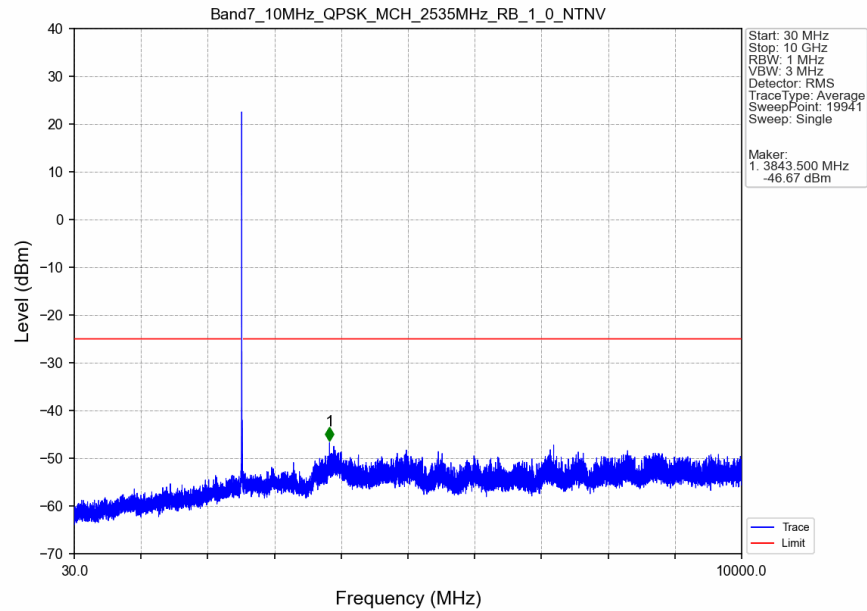


Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN

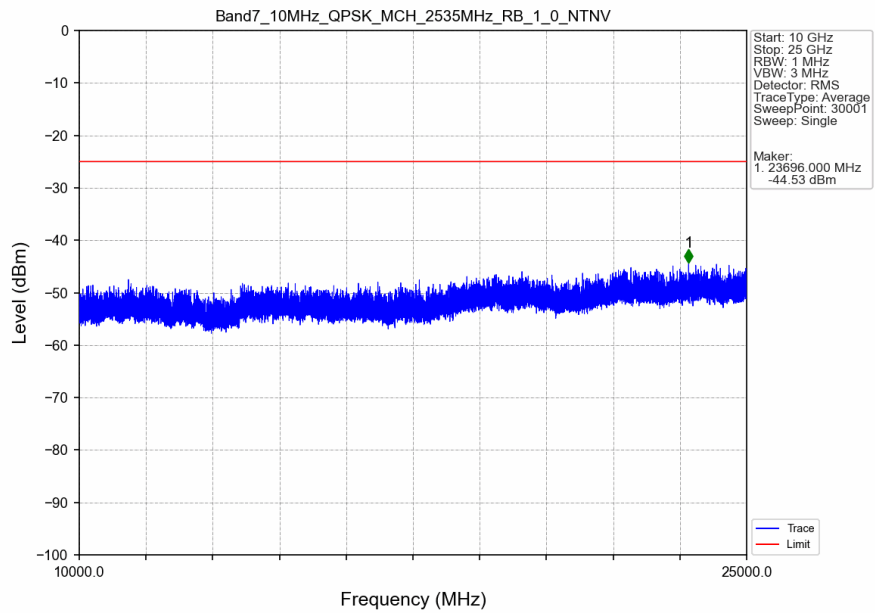


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.475	-38.08	-25	Pass
2490.5	2496	1	CHP	2	2495.950	-25.78	-13	Pass
2496	2499	1	CHP	3	2498.500	-22.09	-10	Pass
2499	2500	0.204	CHP	4	2499.975	-23.80	-10	Pass
2500	2510	0.204	CHP	/	/	/	/	/

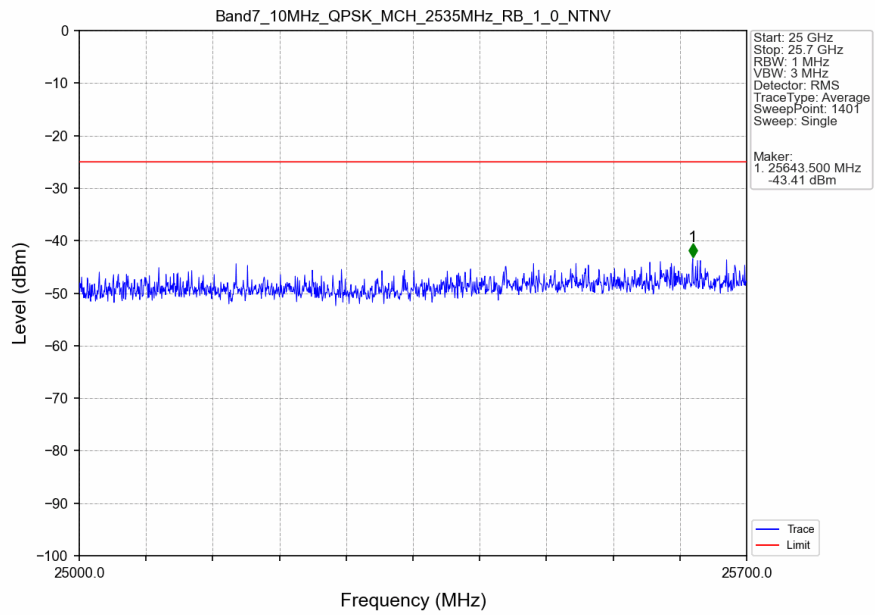
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



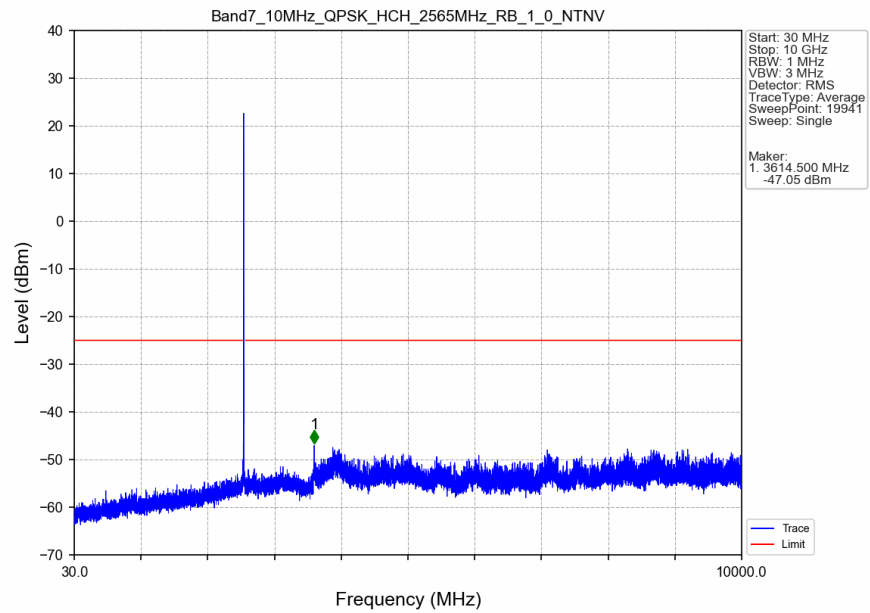
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



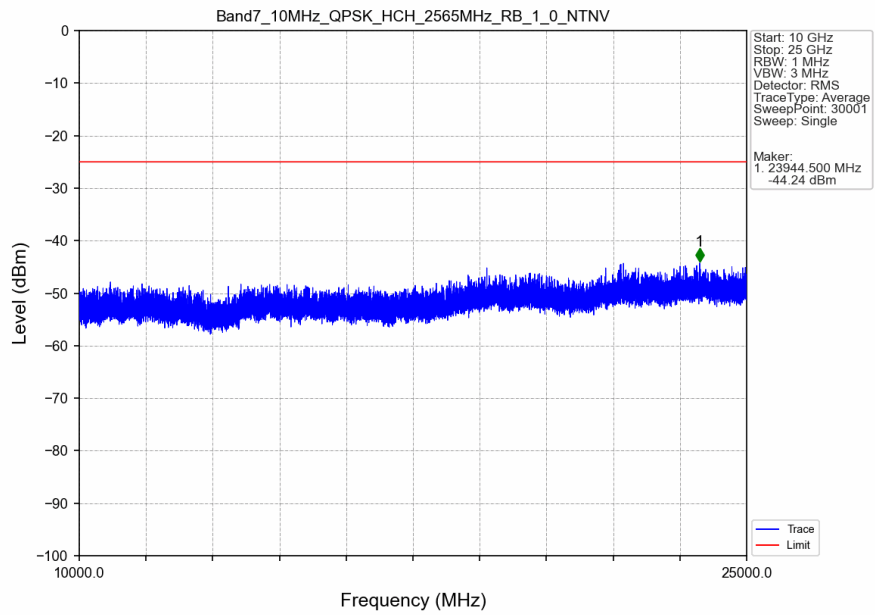
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



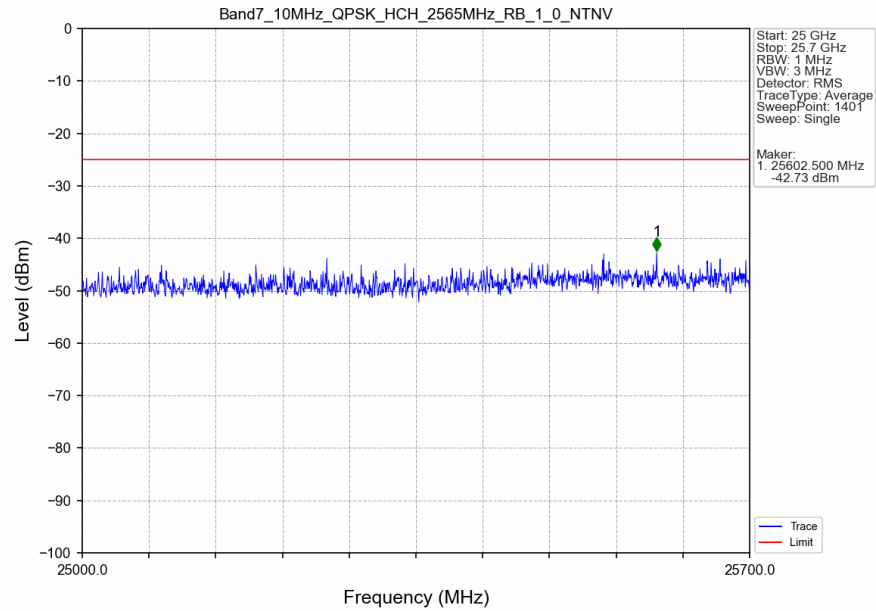
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



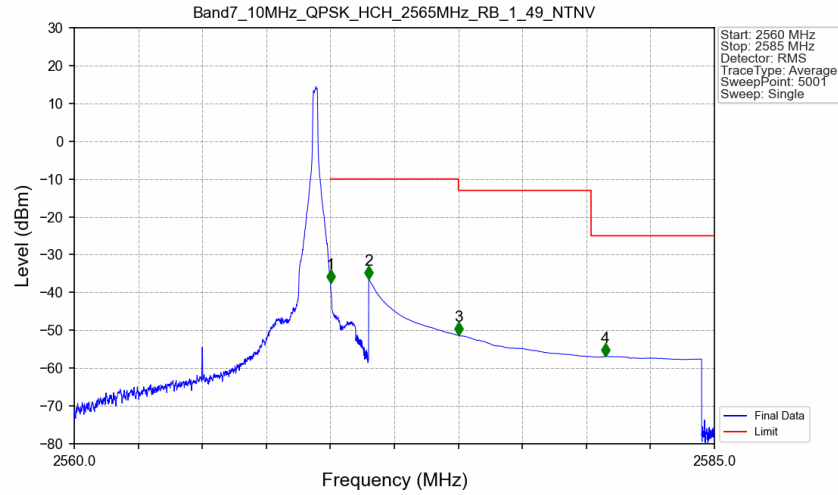
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

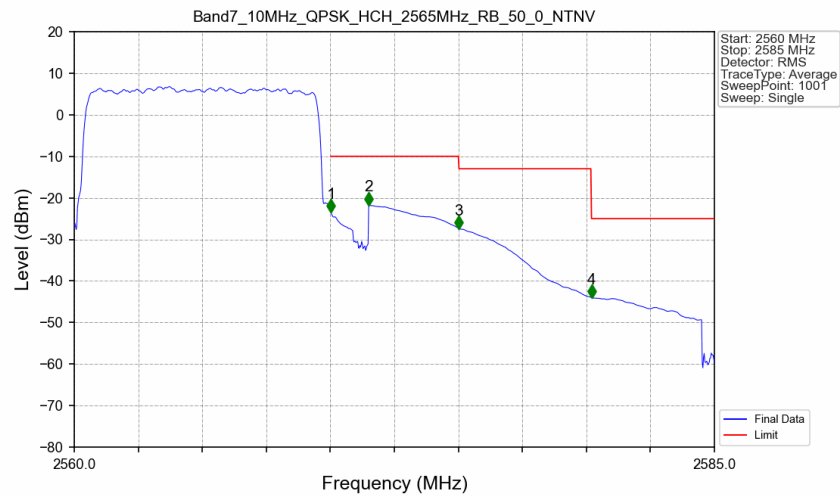


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



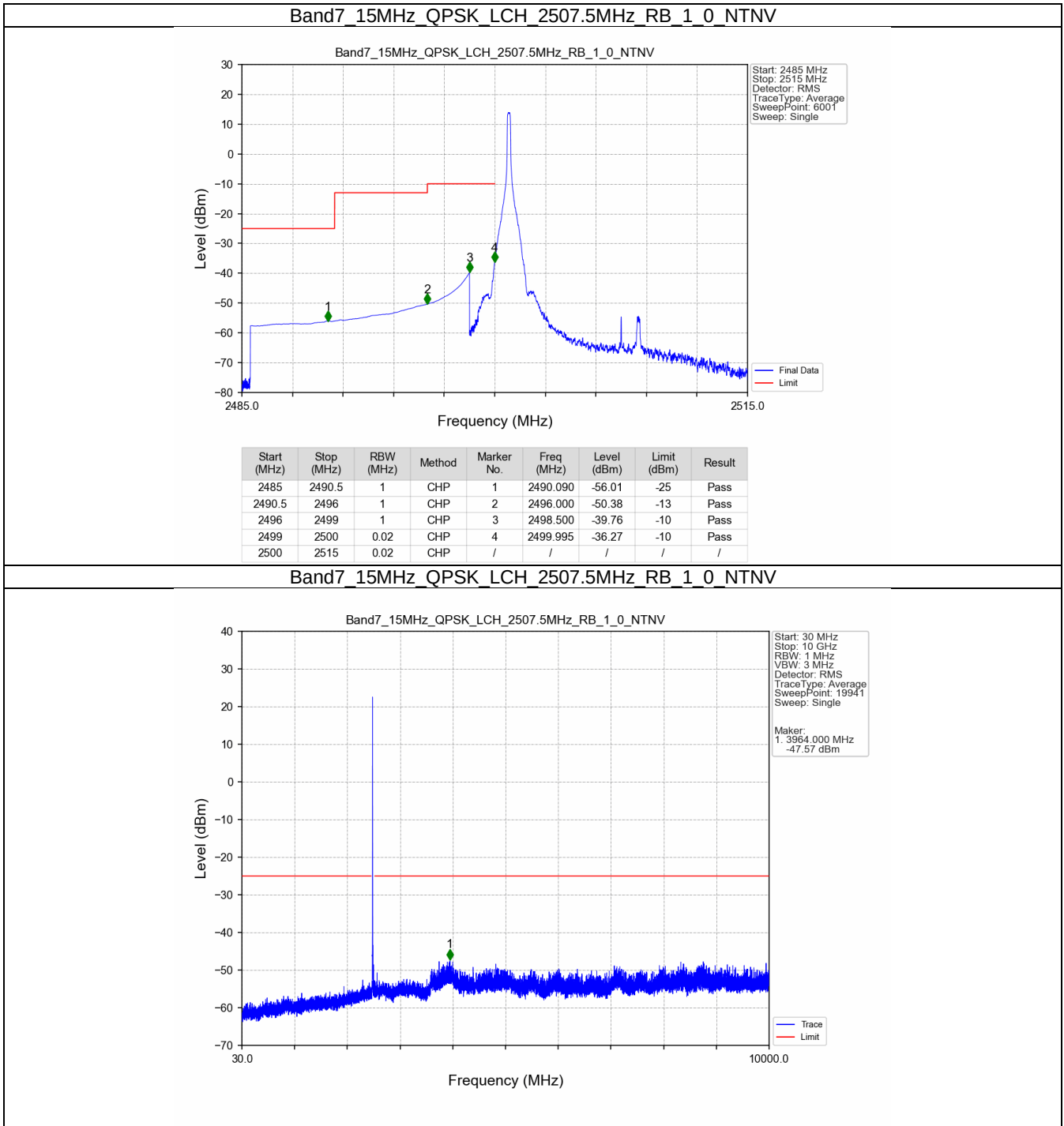
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-37.54	-10	Pass
2571	2575	1	CHP	2	2571.500	-36.49	-10	Pass
2575	2580.183	1	CHP	3	2575.005	-51.36	-13	Pass
2580.183	2585	1	CHP	4	2580.740	-56.86	-25	Pass

Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTV

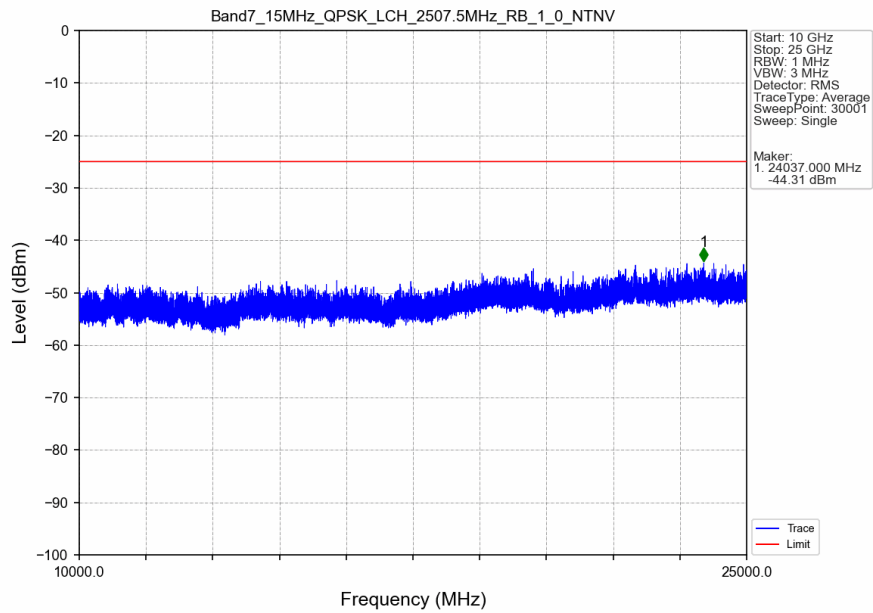


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.204	CHP	/	/	/	/	/
2570	2571	0.204	CHP	1	2570.025	-23.53	-10	Pass
2571	2575	1	CHP	2	2571.500	-21.75	-10	Pass
2575	2580.183	1	CHP	3	2575.025	-27.40	-13	Pass
2580.183	2585	1	CHP	4	2580.200	-43.98	-25	Pass

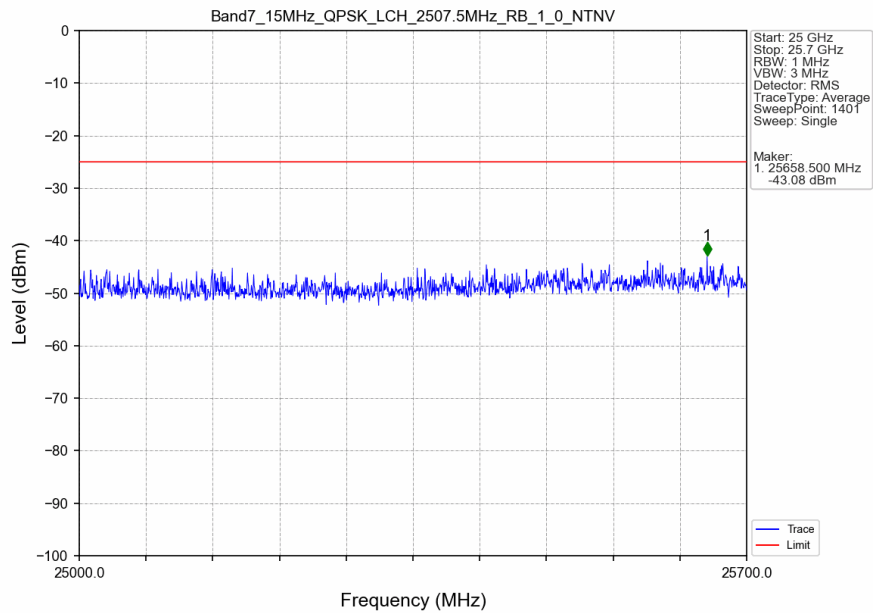
5.2.3 B7_15MHz



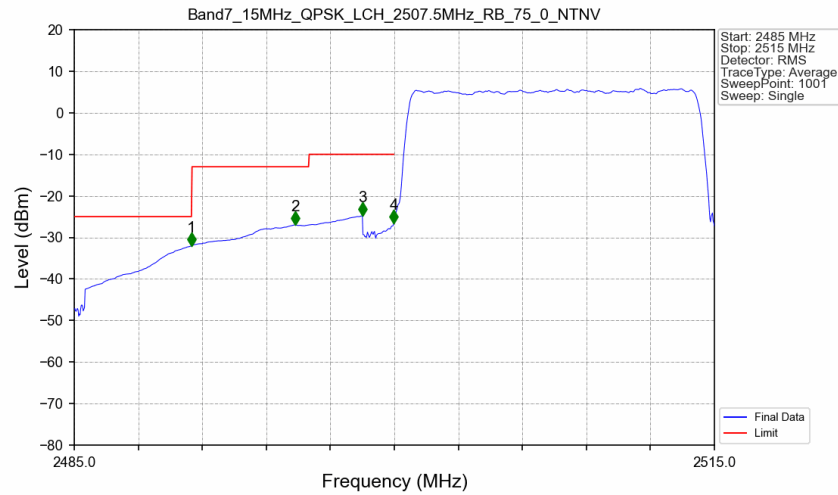
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTV



Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTV

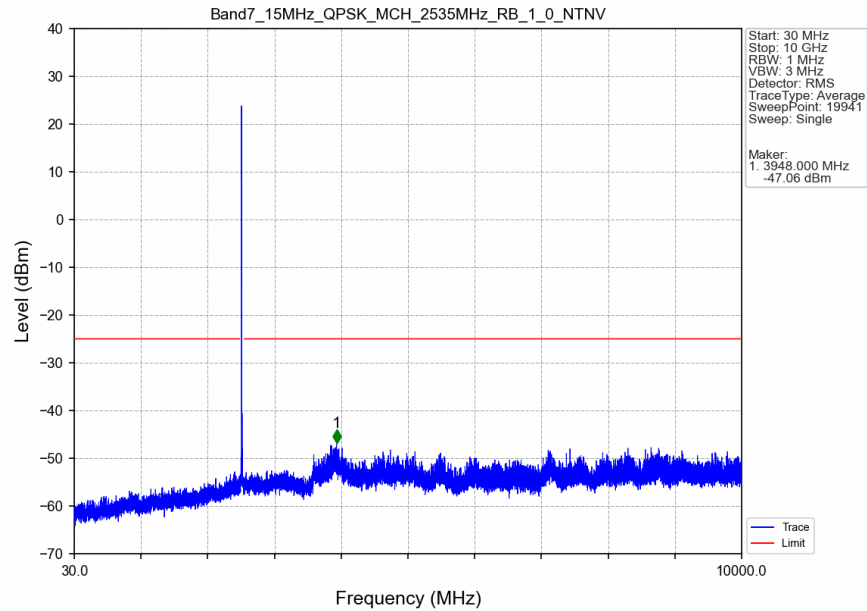


Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

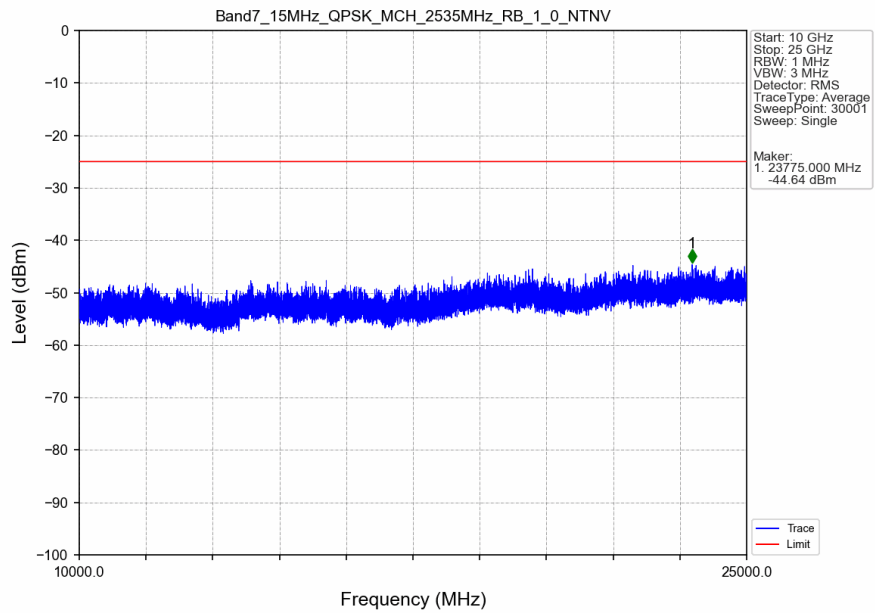


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-32.10	-25	Pass
2490.5	2496	1	CHP	2	2495.350	-26.99	-13	Pass
2496	2499	1	CHP	3	2498.500	-24.79	-10	Pass
2499	2500	0.303	CHP	4	2499.970	-26.55	-10	Pass
2500	2515	0.303	CHP	/	/	/	/	/

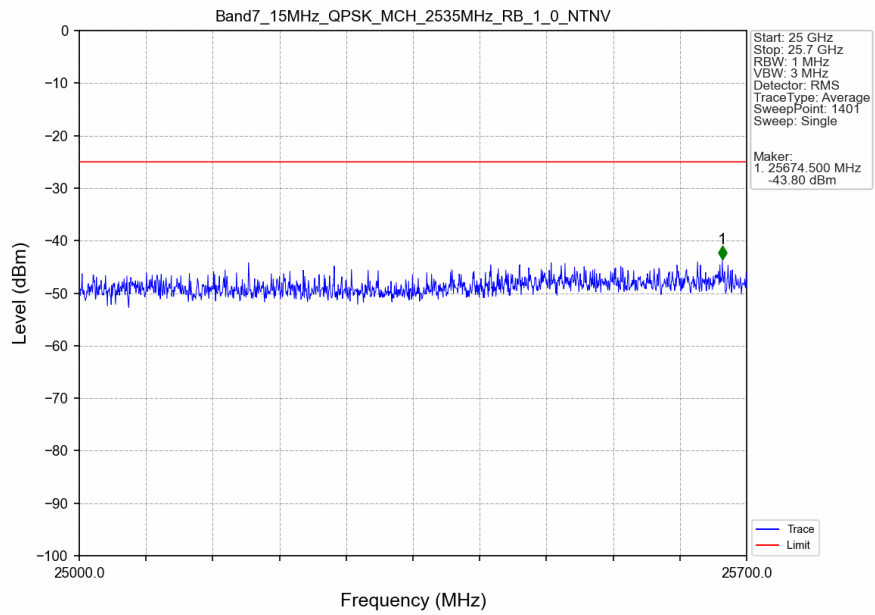
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



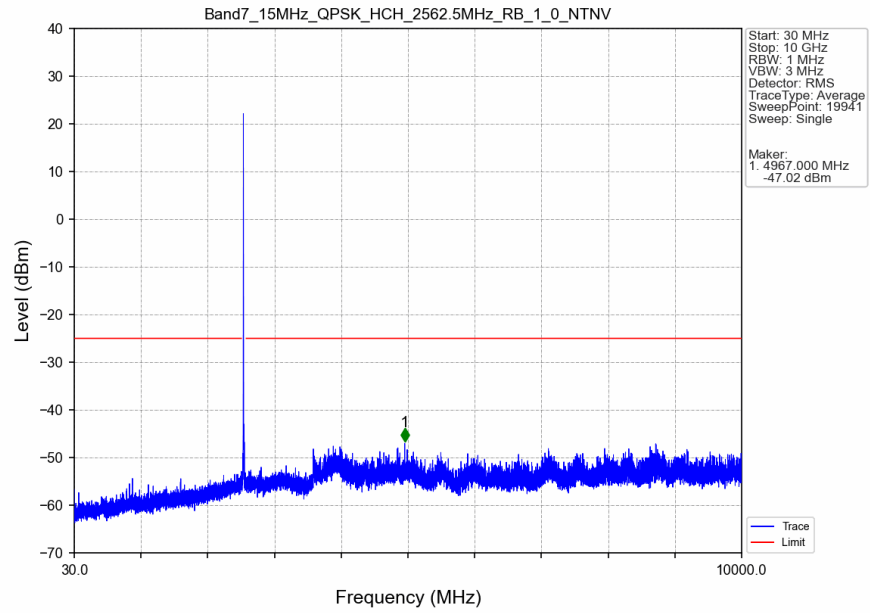
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



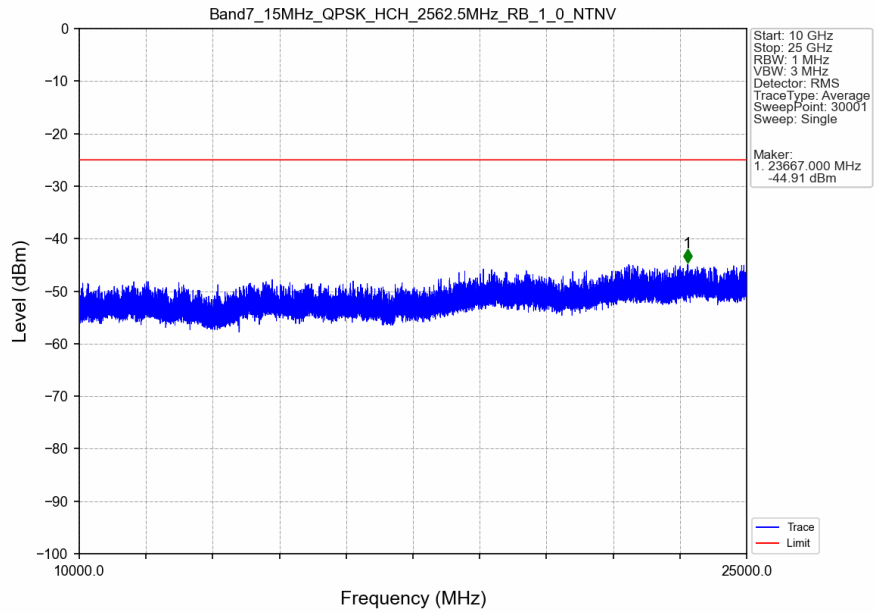
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTN



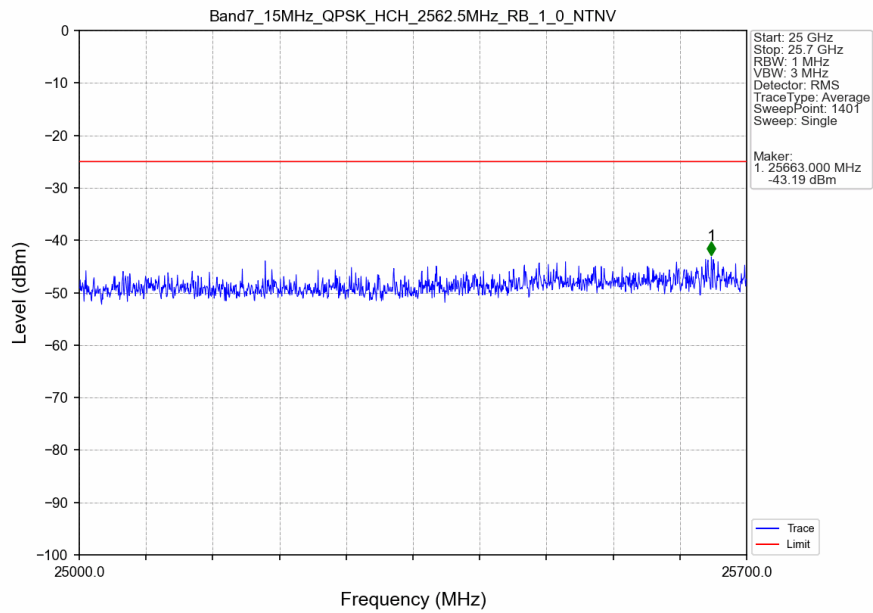
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



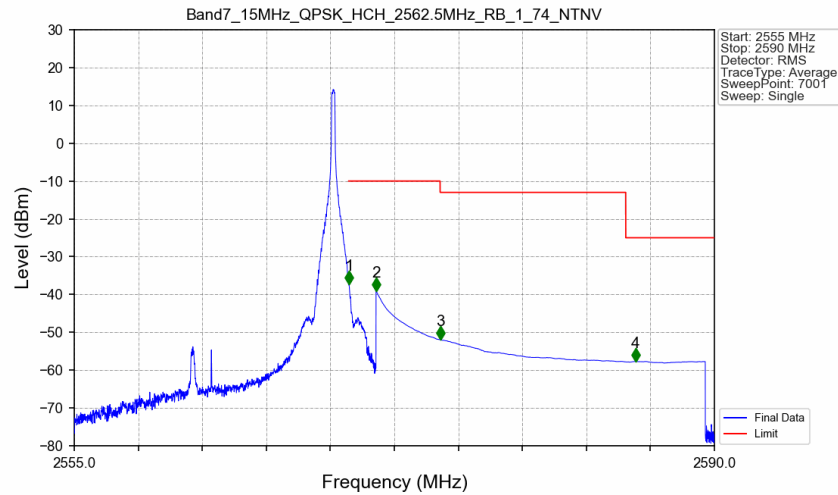
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV

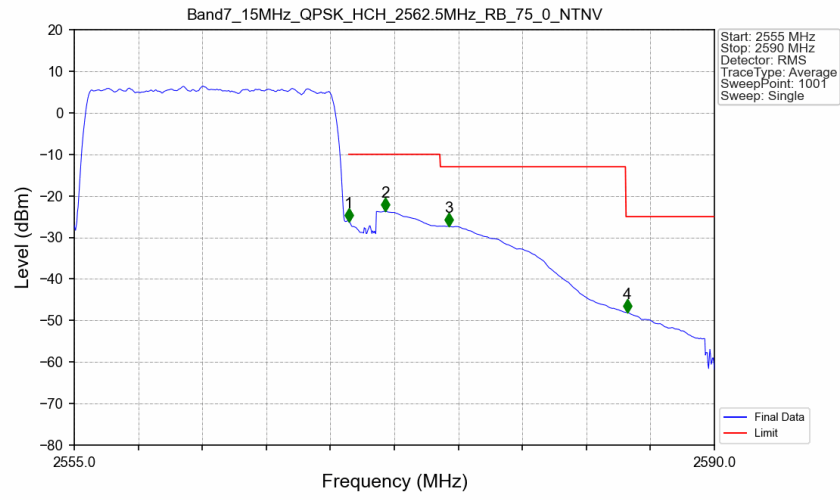


Band7 15MHz QPSK HCH 2562.5MHz RB 1 74 NTV



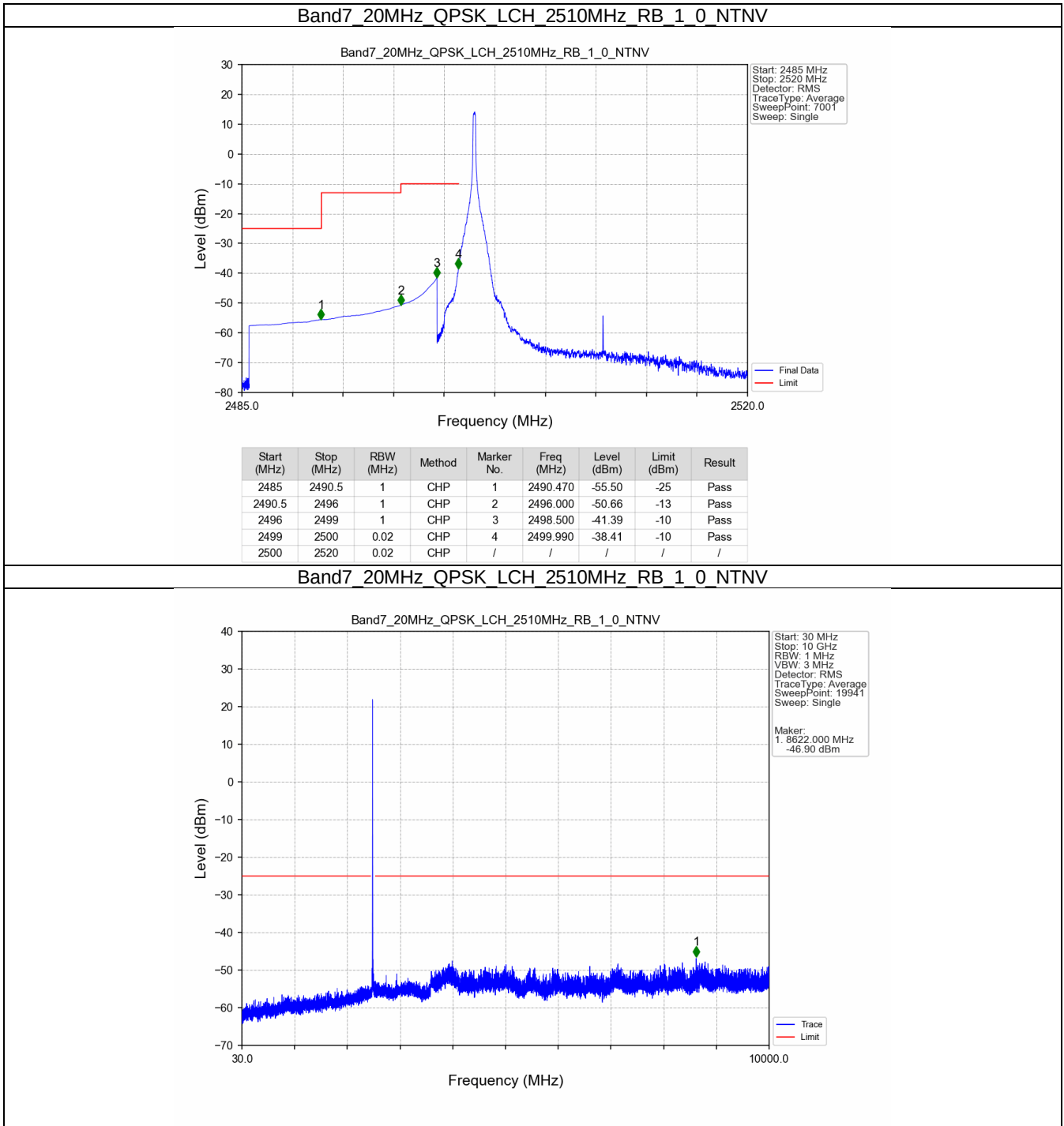
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.025	-37.33	-10	Pass
2571	2575	1	CHP	2	2571.500	-39.00	-10	Pass
2575	2585.152	1	CHP	3	2575.005	-51.98	-13	Pass
2585.152	2590	1	CHP	4	2585.685	-57.68	-25	Pass

Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV

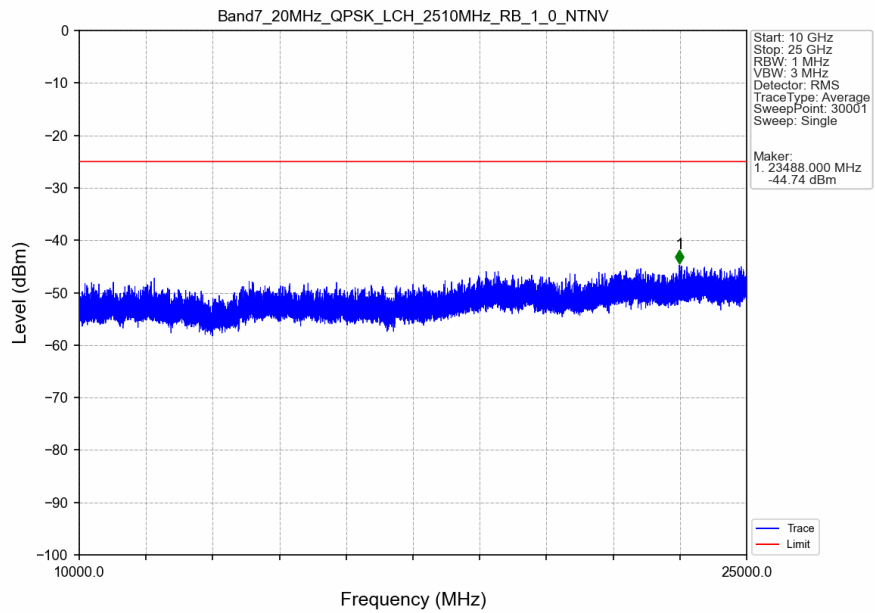


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.303	CHP	/	/	/	/	/
2570	2571	0.303	CHP	1	2570.015	-26.20	-10	Pass
2571	2575	1	CHP	2	2572.010	-23.73	-10	Pass
2575	2585.152	1	CHP	3	2575.475	-27.27	-13	Pass
2585.152	2590	1	CHP	4	2585.240	-48.03	-25	Pass

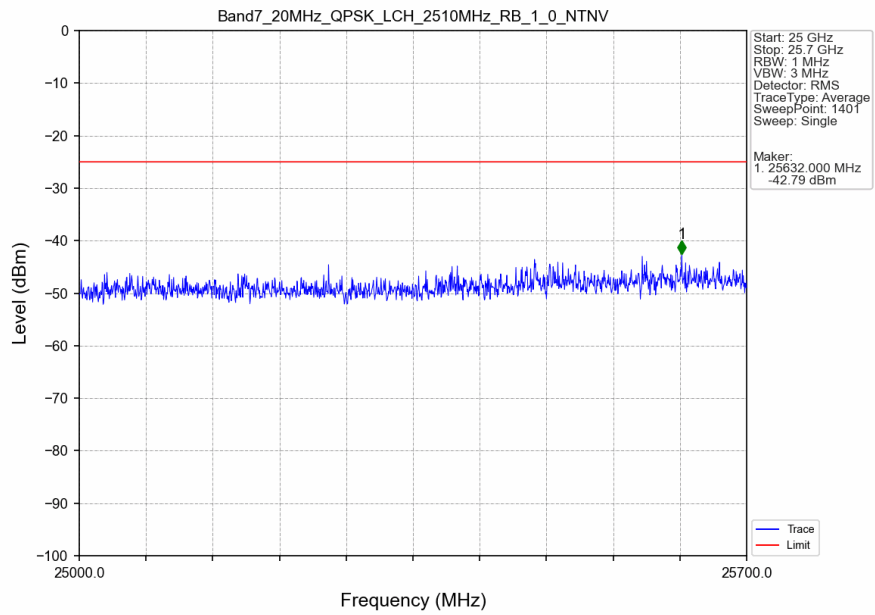
5.2.4 B7_20MHz



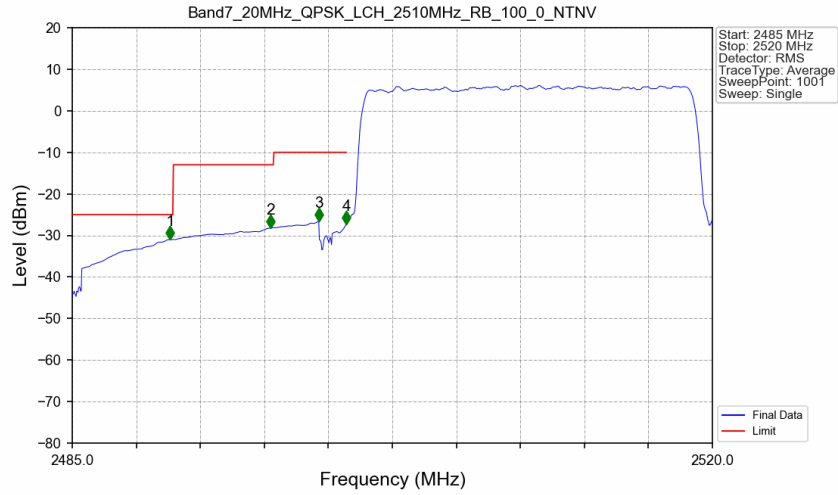
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTN



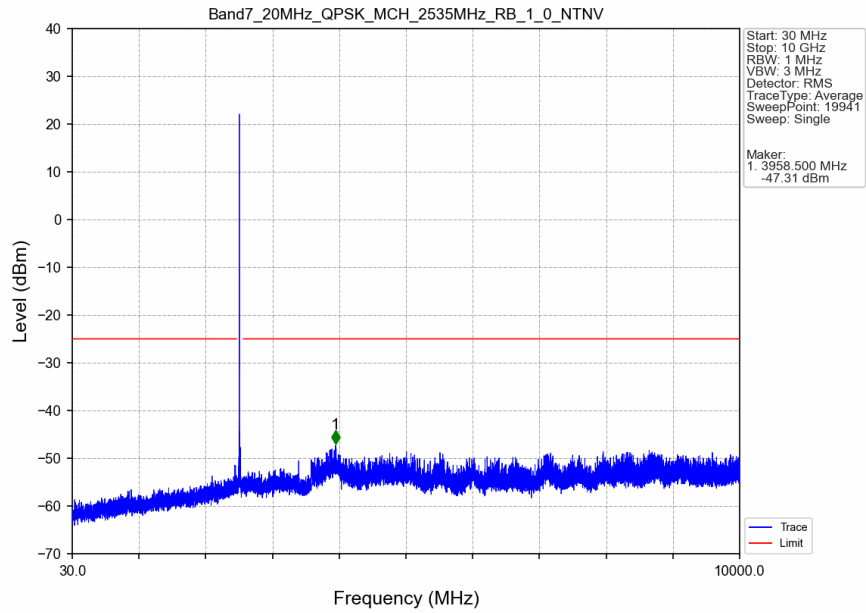
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTN



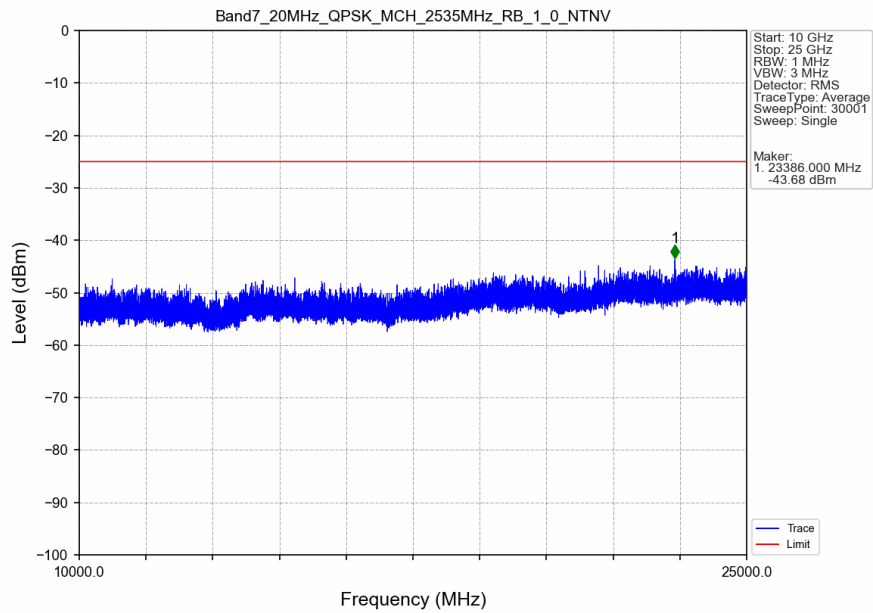
Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV



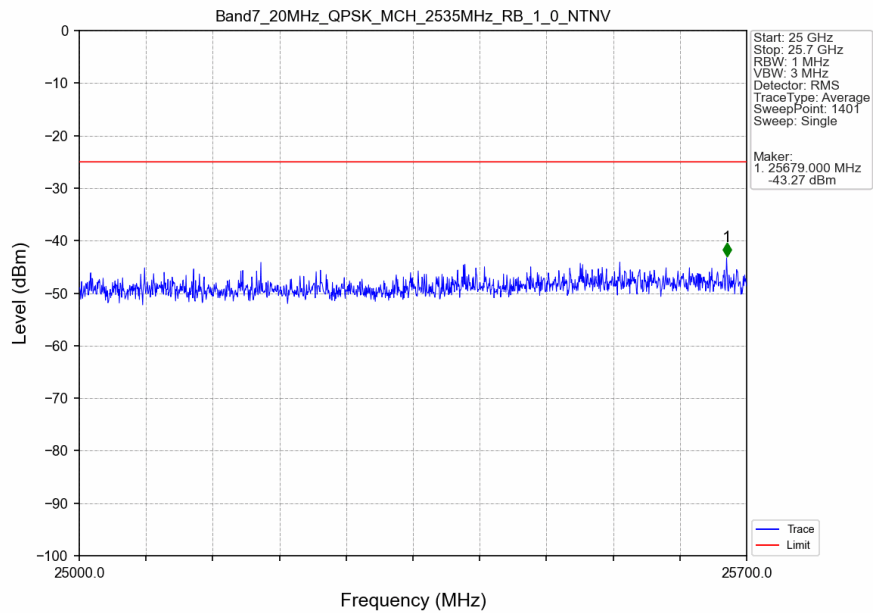
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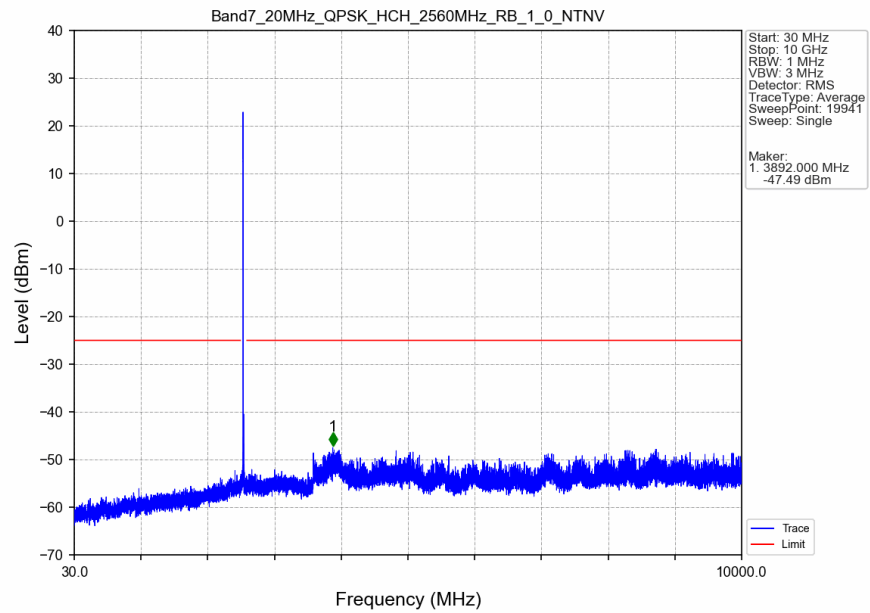
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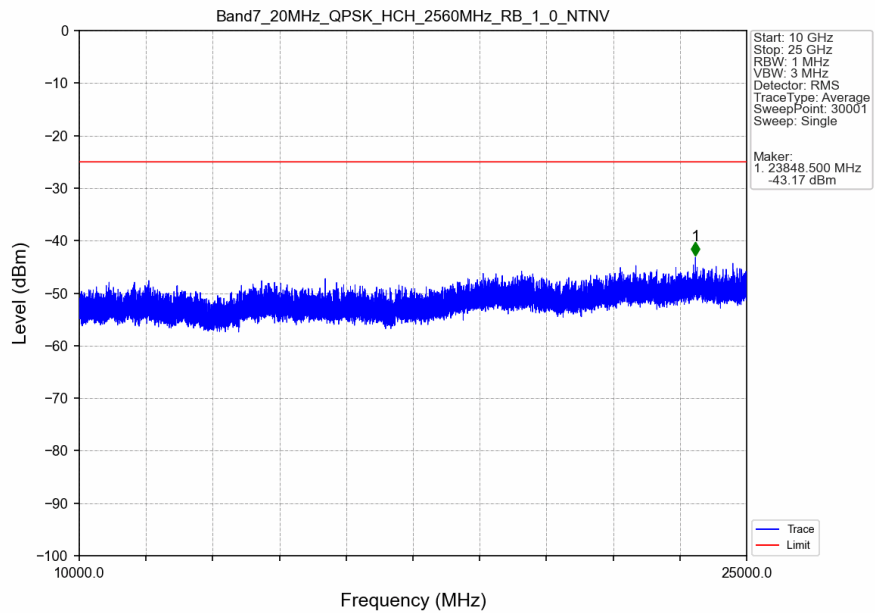
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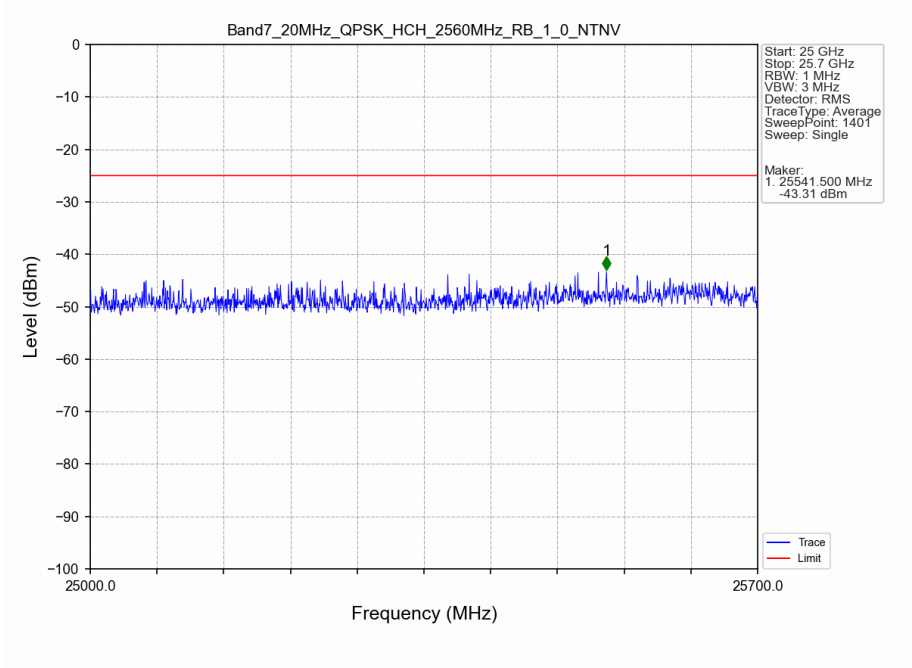
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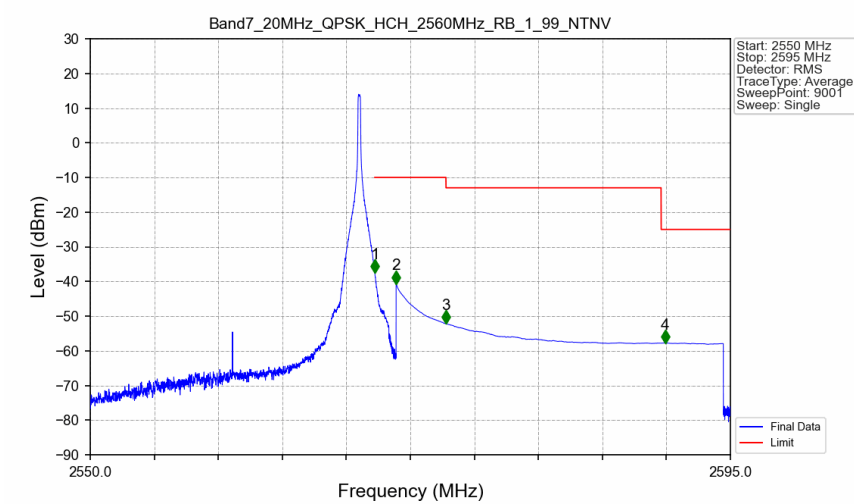
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN

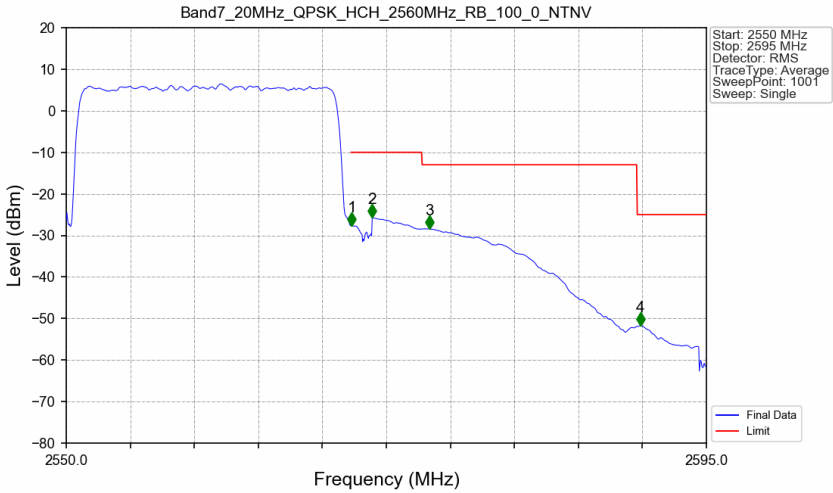


Band7 20MHz QPSK HCH 2560MHz RB 1 99 NTN



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	-37.53	-10	Pass
2571	2575	1	CHP	2	2571.500	-40.65	-10	Pass
2575	2590.126	1	CHP	3	2575.005	-52.20	-13	Pass
2590.126	2595	1	CHP	4	2590.415	-57.73	-25	Pass

Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.403	CHP	/	/	/	/	/
2570	2571	0.403	CHP	1	2570.070	-27.62	-10	Pass
2571	2575	1	CHP	2	2571.510	-25.74	-10	Pass
2575	2590.126	1	CHP	3	2575.515	-28.38	-13	Pass
2590.126	2595	1	CHP	4	2590.365	-51.69	-25	Pass

6. Field Strength of Spurious Radiation

LTE Band 7 ANT3-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
5002.0	-54.99	-25	-29.99	-60.56	4.57	10.14	Horizontal	Pass
7503.0	-56.99	-25	-31.99	-63.79	4.94	11.74	Horizontal	Pass
10004.0	-57.05	-25	-32.05	-64.62	5.46	13.03	Horizontal	Pass
5002.0	-56.57	-25	-31.57	-62.14	4.57	10.14	Vertical	Pass
7503.0	-51.63	-25	-26.63	-58.43	4.94	11.74	Vertical	Pass
10004.0	-56.1	-25	-31.1	-63.67	5.46	13.03	Vertical	Pass

LTE Band 7 ANT3-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
5052.0	-57.96	-25	-32.96	-63.54	4.59	10.17	Horizontal	Pass
7578.0	-53.58	-25	-28.58	-60.46	4.95	11.83	Horizontal	Pass
10104.0	-56.86	-25	-31.86	-64.43	5.48	13.05	Horizontal	Pass
5052.0	-57.06	-25	-32.06	-62.64	4.59	10.17	Vertical	Pass
7578.0	-50.85	-25	-25.85	-57.73	4.95	11.83	Vertical	Pass
10104.0	-55.56	-25	-30.56	-63.13	5.48	13.05	Vertical	Pass

LTE Band 7 ANT3-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
5102.0	-56.54	-25	-31.54	-62.14	4.6	10.2	Horizontal	Pass
7653.0	-56.39	-25	-31.39	-63.36	4.95	11.92	Horizontal	Pass
10204.0	-56.19	-25	-31.19	-63.77	5.49	13.07	Horizontal	Pass
5102.0	-58.59	-25	-33.59	-64.19	4.6	10.2	Vertical	Pass
7653.0	-52.23	-25	-27.23	-59.2	4.95	11.92	Vertical	Pass
10204.0	-55.76	-25	-30.76	-63.34	5.49	13.07	Vertical	Pass