

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	22.96	2.17	25.13	<=33.01	Pass
			13	23.06	2.17	25.23	<=33.01	Pass
			24	23.06	2.17	25.23	<=33.01	Pass
		12	0	22.09	2.17	24.26	<=33.01	Pass
			6	22.18	2.17	24.35	<=33.01	Pass
			13	22.11	2.17	24.28	<=33.01	Pass
		25	0	22.11	2.17	24.28	<=33.01	Pass
	2535	1	0	23.19	2.17	25.36	<=33.01	Pass
			13	23.16	2.17	25.33	<=33.01	Pass
			24	23.15	2.17	25.32	<=33.01	Pass
		12	0	22.25	2.17	24.42	<=33.01	Pass
			6	22.25	2.17	24.42	<=33.01	Pass
			13	22.23	2.17	24.40	<=33.01	Pass
		25	0	22.23	2.17	24.40	<=33.01	Pass
	2567.5	1	0	22.81	2.17	24.98	<=33.01	Pass
			13	22.87	2.17	25.04	<=33.01	Pass
			24	22.78	2.17	24.95	<=33.01	Pass
		12	0	21.89	2.17	24.06	<=33.01	Pass
			6	21.88	2.17	24.05	<=33.01	Pass
			13	21.87	2.17	24.04	<=33.01	Pass
		25	0	21.85	2.17	24.02	<=33.01	Pass
16QAM	2502.5	1	0	22.04	2.17	24.21	<=33.01	Pass
			13	22.07	2.17	24.24	<=33.01	Pass
			24	22.00	2.17	24.17	<=33.01	Pass
		12	0	21.06	2.17	23.23	<=33.01	Pass
			6	21.16	2.17	23.33	<=33.01	Pass
			13	21.18	2.17	23.35	<=33.01	Pass
		25	0	21.06	2.17	23.23	<=33.01	Pass
	2535	1	0	22.29	2.17	24.46	<=33.01	Pass
			13	22.27	2.17	24.44	<=33.01	Pass
			24	22.30	2.17	24.47	<=33.01	Pass
		12	0	21.15	2.17	23.32	<=33.01	Pass
			6	21.15	2.17	23.32	<=33.01	Pass
			13	21.15	2.17	23.32	<=33.01	Pass
		25	0	21.15	2.17	23.32	<=33.01	Pass
	2567.5	1	0	22.10	2.17	24.27	<=33.01	Pass
			13	22.11	2.17	24.28	<=33.01	Pass
			24	22.01	2.17	24.18	<=33.01	Pass
		12	0	20.98	2.17	23.15	<=33.01	Pass
			6	20.98	2.17	23.15	<=33.01	Pass
			13	20.97	2.17	23.14	<=33.01	Pass
		25	0	20.85	2.17	23.02	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	23.18	2.17	25.35	<=33.01	Pass
			25	23.07	2.17	25.24	<=33.01	Pass
			49	22.78	2.17	24.95	<=33.01	Pass
		25	0	22.28	2.17	24.45	<=33.01	Pass
			13	22.12	2.17	24.29	<=33.01	Pass
			25	21.95	2.17	24.12	<=33.01	Pass
		50	0	22.10	2.17	24.27	<=33.01	Pass
	2535	1	0	23.12	2.17	25.29	<=33.01	Pass
			25	23.24	2.17	25.41	<=33.01	Pass
			49	23.24	2.17	25.41	<=33.01	Pass
		25	0	22.28	2.17	24.45	<=33.01	Pass
			13	22.24	2.17	24.41	<=33.01	Pass
			25	22.25	2.17	24.42	<=33.01	Pass
		50	0	22.24	2.17	24.41	<=33.01	Pass
	2565	1	0	23.03	2.17	25.20	<=33.01	Pass
			25	23.02	2.17	25.19	<=33.01	Pass
			49	22.88	2.17	25.05	<=33.01	Pass
		25	0	22.06	2.17	24.23	<=33.01	Pass
			13	22.09	2.17	24.26	<=33.01	Pass
			25	22.07	2.17	24.24	<=33.01	Pass
		50	0	22.08	2.17	24.25	<=33.01	Pass
16QAM	2505	1	0	22.47	2.17	24.64	<=33.01	Pass
			25	22.32	2.17	24.49	<=33.01	Pass
			49	22.06	2.17	24.23	<=33.01	Pass
		12	0	22.33	2.17	24.50	<=33.01	Pass
			19	22.27	2.17	24.44	<=33.01	Pass
			38	22.02	2.17	24.19	<=33.01	Pass
		27	0	21.30	2.17	23.47	<=33.01	Pass
	2535	1	0	22.32	2.17	24.49	<=33.01	Pass
			25	22.28	2.17	24.45	<=33.01	Pass
			49	22.29	2.17	24.46	<=33.01	Pass
		12	0	22.18	2.17	24.35	<=33.01	Pass
			19	22.14	2.17	24.31	<=33.01	Pass
			38	22.16	2.17	24.33	<=33.01	Pass
		27	0	21.15	2.17	23.32	<=33.01	Pass
	2565	1	0	22.08	2.17	24.25	<=33.01	Pass
			25	22.12	2.17	24.29	<=33.01	Pass
			49	22.01	2.17	24.18	<=33.01	Pass
		12	0	22.06	2.17	24.23	<=33.01	Pass
19			22.08	2.17	24.25	<=33.01	Pass	
38			22.04	2.17	24.21	<=33.01	Pass	
27		23	21.13	2.17	23.30	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	23.30	2.17	25.47	<=33.01	Pass
			38	22.87	2.17	25.04	<=33.01	Pass
			74	22.64	2.17	24.81	<=33.01	Pass
		36	0	22.24	2.17	24.41	<=33.01	Pass
			18	22.02	2.17	24.19	<=33.01	Pass
			39	21.85	2.17	24.02	<=33.01	Pass
		75	0	22.03	2.17	24.20	<=33.01	Pass
	2535	1	0	23.19	2.17	25.36	<=33.01	Pass
			38	23.32	2.17	25.49	<=33.01	Pass
			74	23.24	2.17	25.41	<=33.01	Pass
		36	0	22.27	2.17	24.44	<=33.01	Pass
			18	22.27	2.17	24.44	<=33.01	Pass
			39	22.36	2.17	24.53	<=33.01	Pass
		75	0	22.34	2.17	24.51	<=33.01	Pass
	2562.5	1	0	23.13	2.17	25.30	<=33.01	Pass
			38	23.25	2.17	25.42	<=33.01	Pass
			74	23.27	2.17	25.44	<=33.01	Pass
		36	0	22.16	2.17	24.33	<=33.01	Pass
			18	22.23	2.17	24.40	<=33.01	Pass
			39	22.23	2.17	24.40	<=33.01	Pass
		75	0	22.16	2.17	24.33	<=33.01	Pass
16QAM	2507.5	1	0	22.49	2.17	24.66	<=33.01	Pass
			38	22.13	2.17	24.30	<=33.01	Pass
			74	21.94	2.17	24.11	<=33.01	Pass
		12	0	22.36	2.17	24.53	<=33.01	Pass
			31	22.00	2.17	24.17	<=33.01	Pass
			63	21.82	2.17	23.99	<=33.01	Pass
		27	0	21.24	2.17	23.41	<=33.01	Pass
	2535	1	0	22.30	2.17	24.47	<=33.01	Pass
			38	22.38	2.17	24.55	<=33.01	Pass
			74	22.34	2.17	24.51	<=33.01	Pass
		12	0	22.29	2.17	24.46	<=33.01	Pass
			31	22.33	2.17	24.50	<=33.01	Pass
			63	22.31	2.17	24.48	<=33.01	Pass
	27	0	21.19	2.17	23.36	<=33.01	Pass	
	2562.5	1	0	22.07	2.17	24.24	<=33.01	Pass
			38	22.26	2.17	24.43	<=33.01	Pass
			74	22.32	2.17	24.49	<=33.01	Pass
		12	0	22.17	2.17	24.34	<=33.01	Pass
31			22.28	2.17	24.45	<=33.01	Pass	
63			22.27	2.17	24.44	<=33.01	Pass	
27		48	21.30	2.17	23.47	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	23.40	2.17	25.57	<=33.01	Pass
			50	23.13	2.17	25.30	<=33.01	Pass
			99	22.83	2.17	25.00	<=33.01	Pass
		50	0	22.23	2.17	24.40	<=33.01	Pass
			25	22.04	2.17	24.21	<=33.01	Pass
			50	22.06	2.17	24.23	<=33.01	Pass
		100	0	22.20	2.17	24.37	<=33.01	Pass
	2535	1	0	23.01	2.17	25.18	<=33.01	Pass
			50	23.13	2.17	25.30	<=33.01	Pass
			99	22.99	2.17	25.16	<=33.01	Pass
		50	0	22.25	2.17	24.42	<=33.01	Pass
			25	22.27	2.17	24.44	<=33.01	Pass
			50	22.38	2.17	24.55	<=33.01	Pass
		100	0	22.36	2.17	24.53	<=33.01	Pass
	2560	1	0	23.02	2.17	25.19	<=33.01	Pass
			50	22.99	2.17	25.16	<=33.01	Pass
			99	22.95	2.17	25.12	<=33.01	Pass
		50	0	22.07	2.17	24.24	<=33.01	Pass
			25	22.11	2.17	24.28	<=33.01	Pass
			50	22.15	2.17	24.32	<=33.01	Pass
		100	0	22.09	2.17	24.26	<=33.01	Pass
16QAM	2510	1	0	22.81	2.17	24.98	<=33.01	Pass
			50	22.48	2.17	24.65	<=33.01	Pass
			99	22.23	2.17	24.40	<=33.01	Pass
		12	0	22.46	2.17	24.63	<=33.01	Pass
			44	22.06	2.17	24.23	<=33.01	Pass
			88	21.85	2.17	24.02	<=33.01	Pass
		27	0	21.36	2.17	23.53	<=33.01	Pass
	2535	1	0	22.59	2.17	24.76	<=33.01	Pass
			50	22.72	2.17	24.89	<=33.01	Pass
			99	22.60	2.17	24.77	<=33.01	Pass
		12	0	22.26	2.17	24.43	<=33.01	Pass
			44	22.37	2.17	24.54	<=33.01	Pass
			88	22.26	2.17	24.43	<=33.01	Pass
	27	0	21.29	2.17	23.46	<=33.01	Pass	
	2560	1	0	22.24	2.17	24.41	<=33.01	Pass
			50	22.27	2.17	24.44	<=33.01	Pass
			99	22.27	2.17	24.44	<=33.01	Pass
		12	0	21.95	2.17	24.12	<=33.01	Pass
44			21.95	2.17	24.12	<=33.01	Pass	
88			22.04	2.17	24.21	<=33.01	Pass	
27		73	21.21	2.17	23.38	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B7_20MHz

Band: 7 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2510	100	0	20	3.40	-5.164	-0.0021	-2.5 to 2.5	Pass
					3.80	-3.762	-0.0015	-2.5 to 2.5	Pass
					4.20	-3.219	-0.0013	-2.5 to 2.5	Pass
				-30	3.80	-1.216	-0.0005	-2.5 to 2.5	Pass
				-20	3.80	-1.087	-0.0004	-2.5 to 2.5	Pass
				-10	3.80	0.801	0.0003	-2.5 to 2.5	Pass
				0	3.80	-2.174	-0.0009	-2.5 to 2.5	Pass
				10	3.80	-2.031	-0.0008	-2.5 to 2.5	Pass
				30	3.80	-0.401	-0.0002	-2.5 to 2.5	Pass
				40	3.80	-0.587	-0.0002	-2.5 to 2.5	Pass
				50	3.80	0.172	0.0001	-2.5 to 2.5	Pass
	2535	100	0	20	3.40	-7.811	-0.0031	-2.5 to 2.5	Pass
					3.80	-3.719	-0.0015	-2.5 to 2.5	Pass
					4.20	-3.390	-0.0013	-2.5 to 2.5	Pass
				-30	3.80	-3.018	-0.0012	-2.5 to 2.5	Pass
				-20	3.80	-3.805	-0.0015	-2.5 to 2.5	Pass
				-10	3.80	-1.845	-0.0007	-2.5 to 2.5	Pass
				0	3.80	-2.604	-0.0010	-2.5 to 2.5	Pass
				10	3.80	-1.488	-0.0006	-2.5 to 2.5	Pass
				30	3.80	-0.987	-0.0004	-2.5 to 2.5	Pass
				40	3.80	-1.445	-0.0006	-2.5 to 2.5	Pass
				50	3.80	-0.315	-0.0001	-2.5 to 2.5	Pass
	2560	100	0	20	3.40	-6.022	-0.0024	-2.5 to 2.5	Pass
					3.80	-3.104	-0.0012	-2.5 to 2.5	Pass
					4.20	-2.031	-0.0008	-2.5 to 2.5	Pass
				-30	3.80	-1.373	-0.0005	-2.5 to 2.5	Pass
				-20	3.80	-0.987	-0.0004	-2.5 to 2.5	Pass
				-10	3.80	-1.702	-0.0007	-2.5 to 2.5	Pass
				0	3.80	-0.286	-0.0001	-2.5 to 2.5	Pass
				10	3.80	-0.157	-0.0001	-2.5 to 2.5	Pass
				30	3.80	-3.805	-0.0015	-2.5 to 2.5	Pass
				40	3.80	-0.629	-0.0002	-2.5 to 2.5	Pass
				50	3.80	-0.501	-0.0002	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

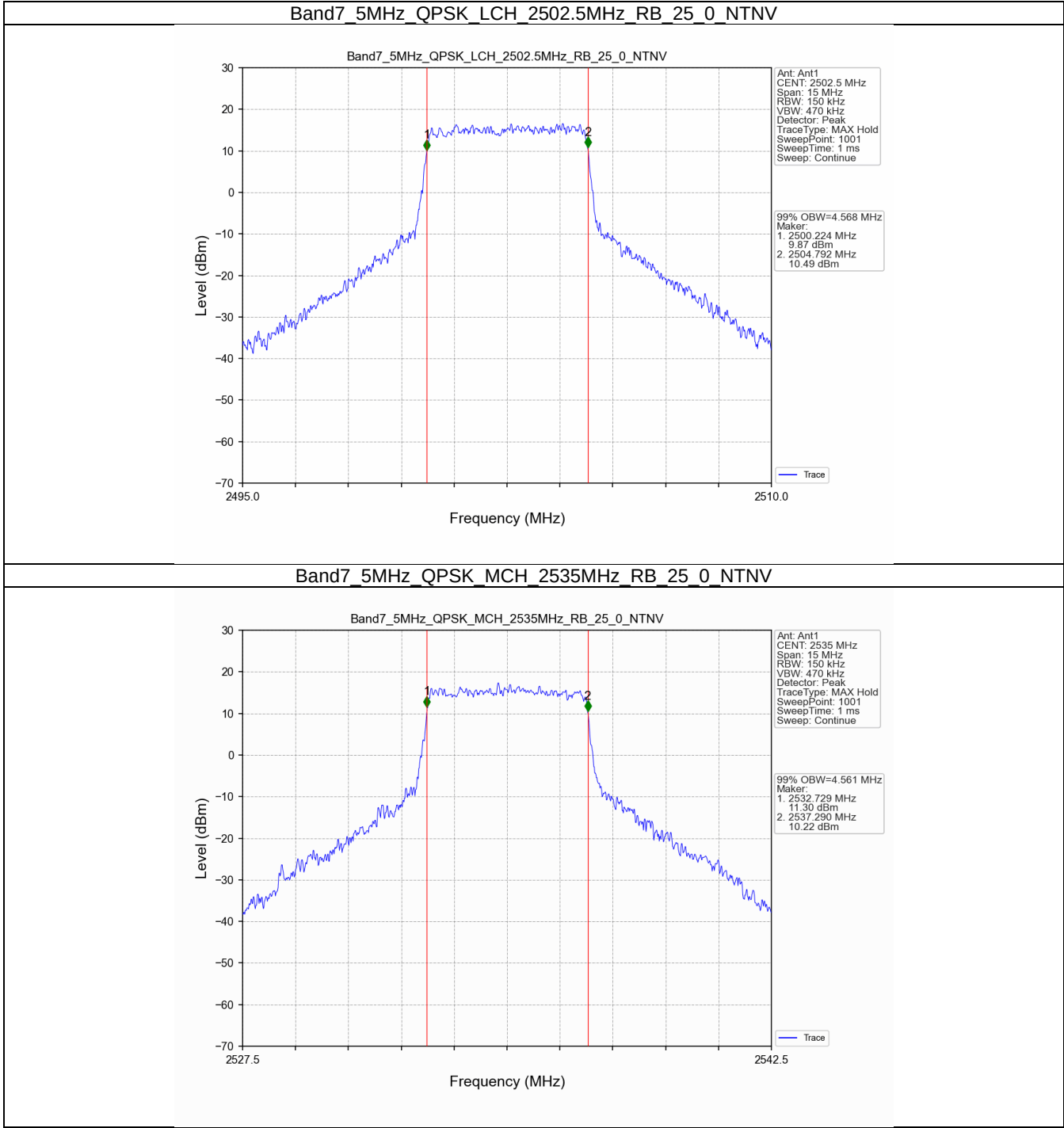
Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.568	/	Pass
		2535	25	0	4.561	/	Pass
		2567.5	25	0	4.566	/	Pass
	16QAM	2502.5	25	0	4.571	/	Pass
		2535	25	0	4.561	/	Pass
		2567.5	25	0	4.552	/	Pass
10	QPSK	2505	50	0	9.055	/	Pass
		2535	50	0	9.102	/	Pass
		2565	50	0	9.046	/	Pass
	16QAM	2505	27	0	5.129	/	Pass
		2535	27	0	5.112	/	Pass
		2565	27	23	5.122	/	Pass
15	QPSK	2507.5	75	0	13.637	/	Pass
		2535	75	0	13.655	/	Pass
		2562.5	75	0	13.636	/	Pass
	16QAM	2507.5	27	0	5.377	/	Pass
		2535	27	0	5.436	/	Pass
		2562.5	27	48	5.383	/	Pass
20	QPSK	2510	100	0	18.083	/	Pass
		2535	100	0	18.212	/	Pass
		2560	100	0	18.056	/	Pass
	16QAM	2510	27	0	5.726	/	Pass
		2535	27	0	5.646	/	Pass
		2560	27	73	5.743	/	Pass

3.1.2 Band7_XDB

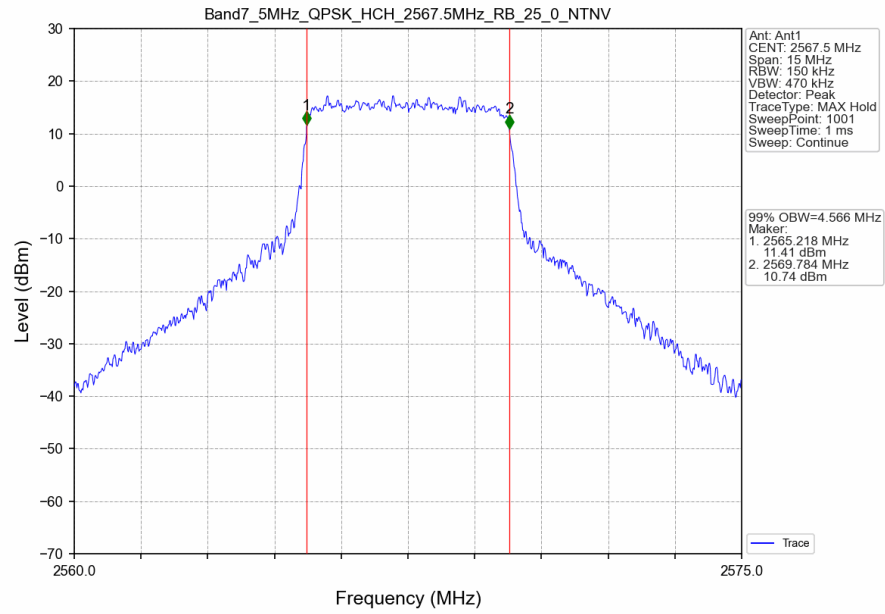
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.333	/	Pass
		2535	25	0	5.571	/	Pass
		2567.5	25	0	5.406	/	Pass
	16QAM	2502.5	25	0	5.544	/	Pass
		2535	25	0	5.334	/	Pass
		2567.5	25	0	5.669	/	Pass
10	QPSK	2505	50	0	10.339	/	Pass
		2535	50	0	10.421	/	Pass
		2565	50	0	10.268	/	Pass
	16QAM	2505	27	0	6.366	/	Pass
		2535	27	0	6.398	/	Pass
		2565	27	23	6.480	/	Pass
15	QPSK	2507.5	75	0	15.691	/	Pass
		2535	75	0	15.582	/	Pass
		2562.5	75	0	15.440	/	Pass
	16QAM	2507.5	27	0	7.263	/	Pass
		2535	27	0	7.289	/	Pass
		2562.5	27	48	7.061	/	Pass
20	QPSK	2510	100	0	20.288	/	Pass
		2535	100	0	20.808	/	Pass
		2560	100	0	20.596	/	Pass
	16QAM	2510	27	0	7.502	/	Pass
		2535	27	0	7.660	/	Pass
		2560	27	73	7.710	/	Pass

3.2 Test Graph

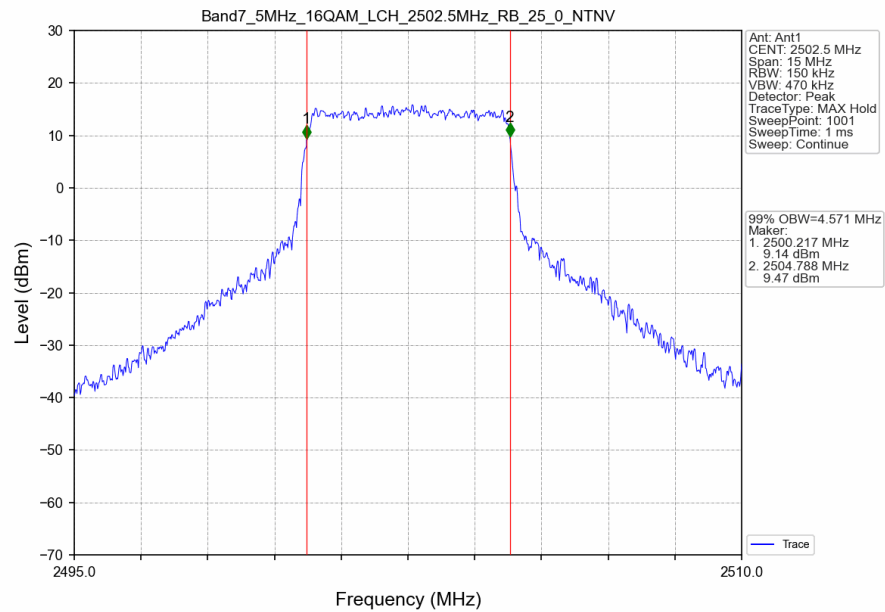
3.2.1 Band7_OBW



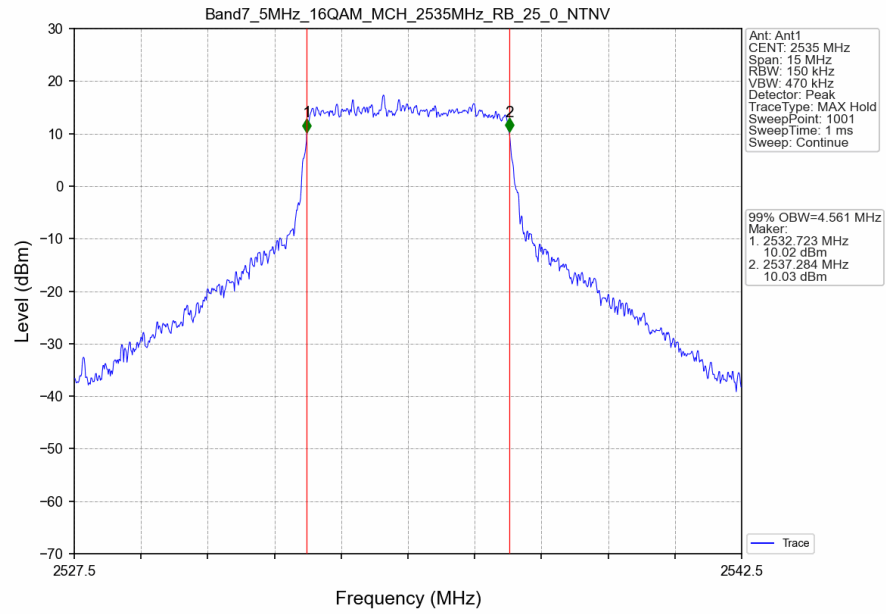
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTNV



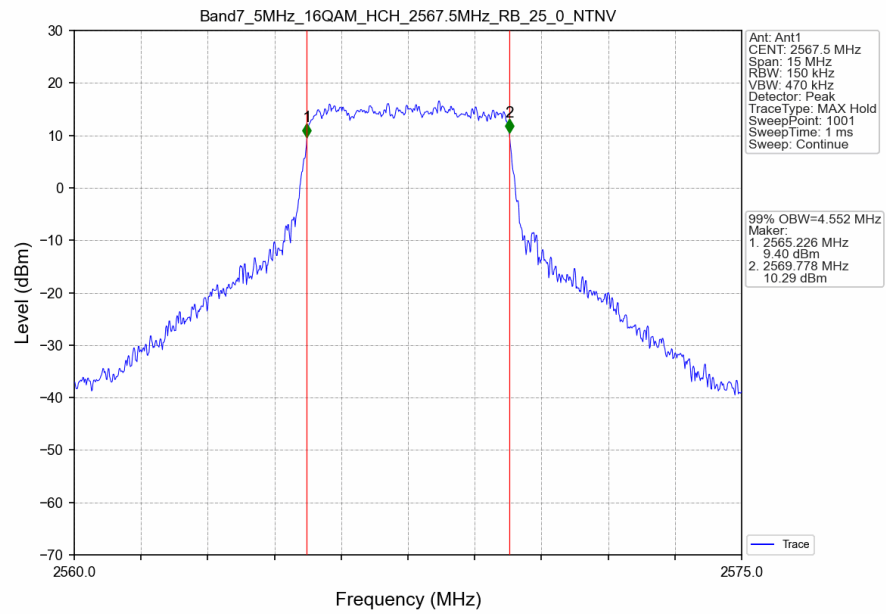
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTNV



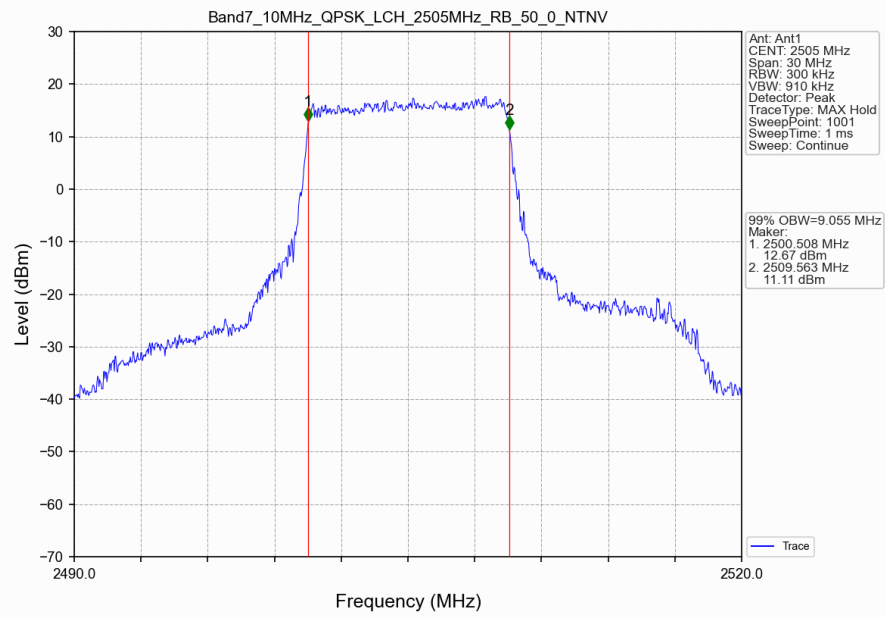
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



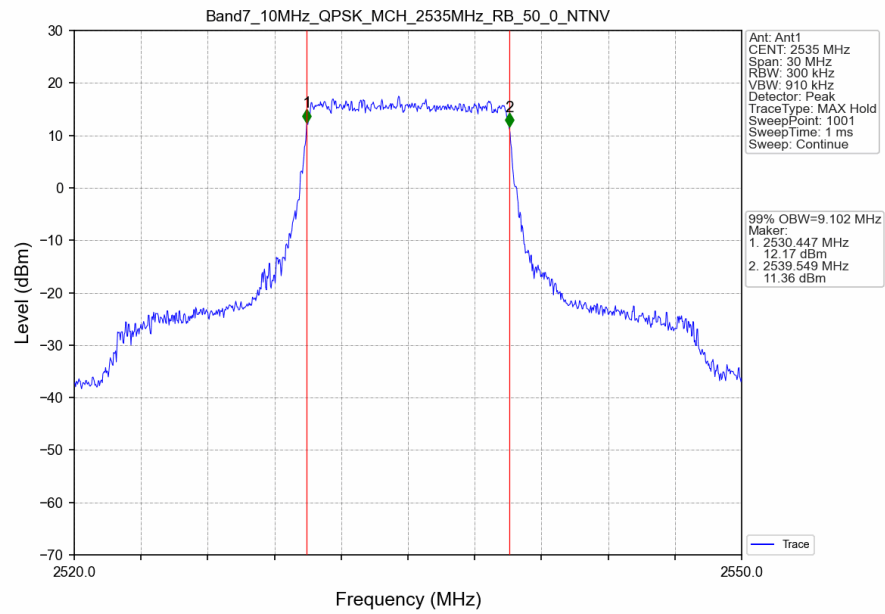
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



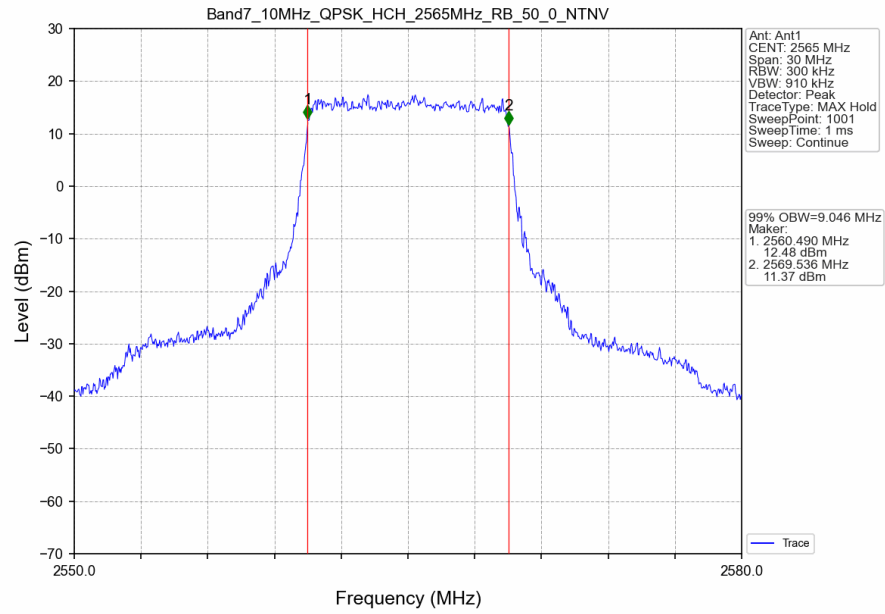
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



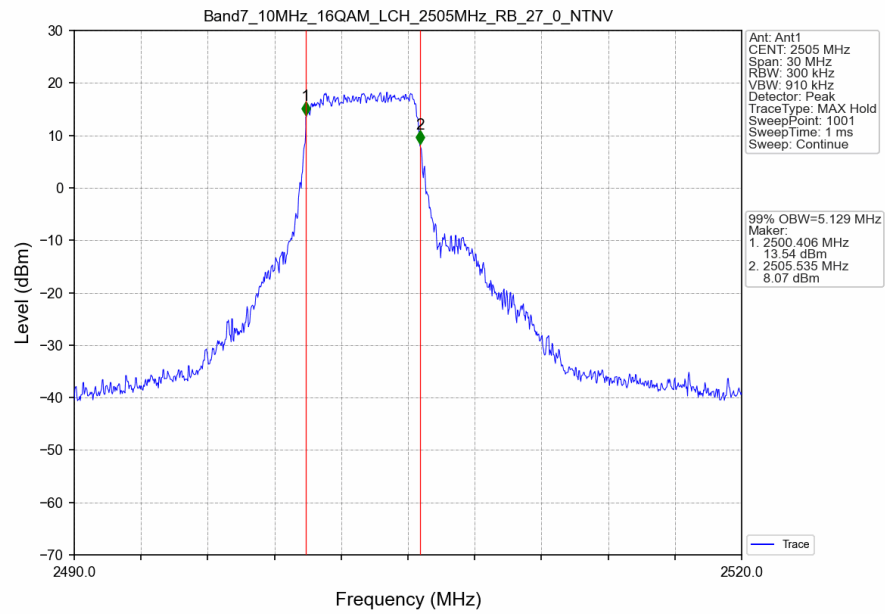
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



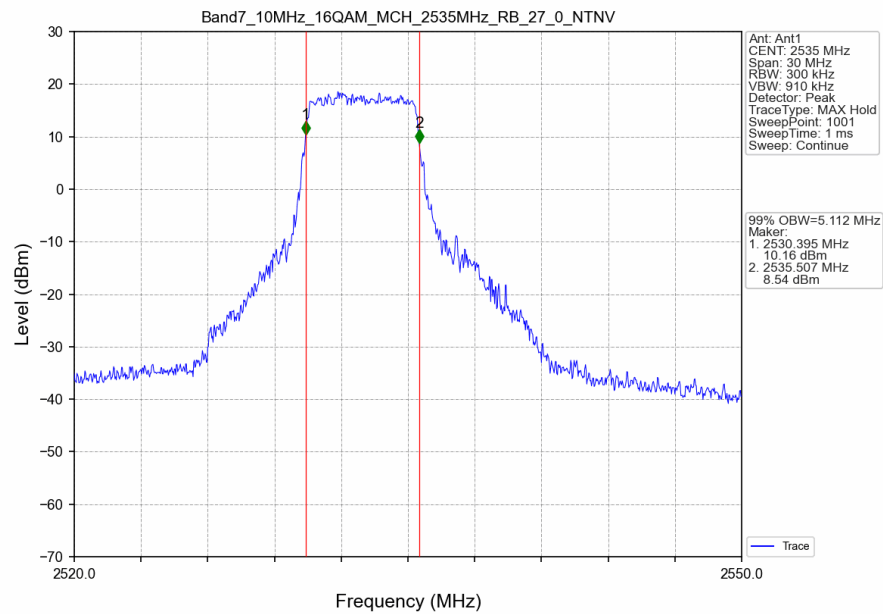
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



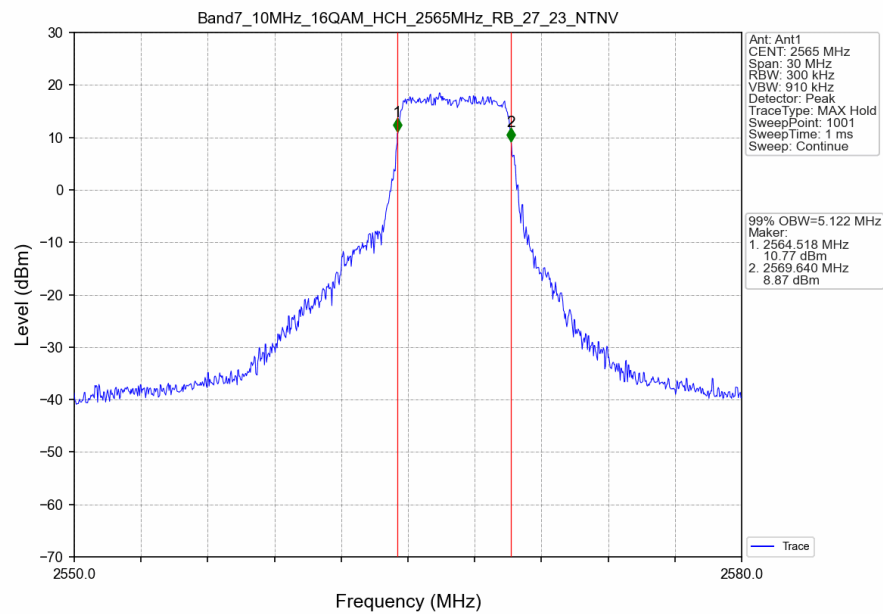
Band7_10MHz_16QAM_LCH_2505MHz_RB_27_0_NTNV



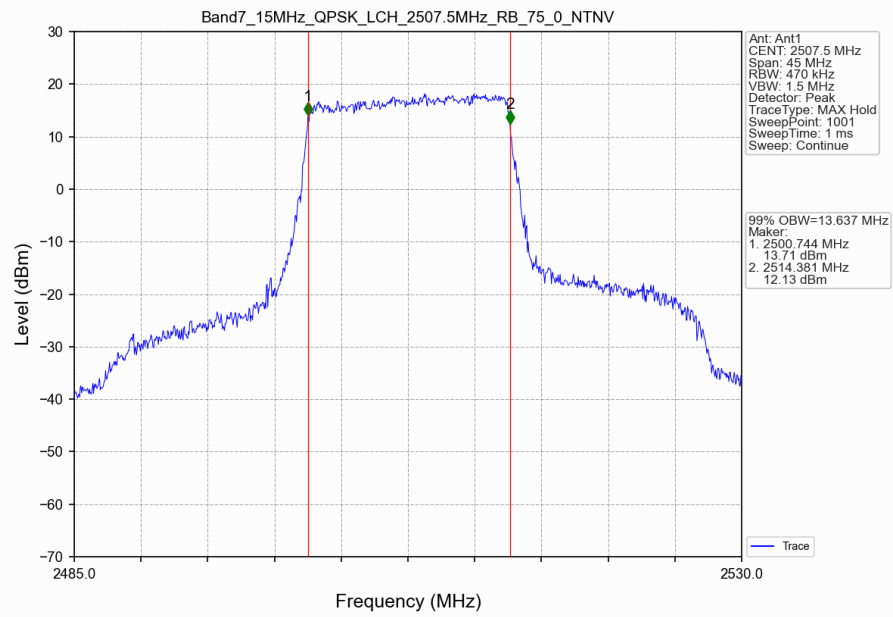
Band7_10MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



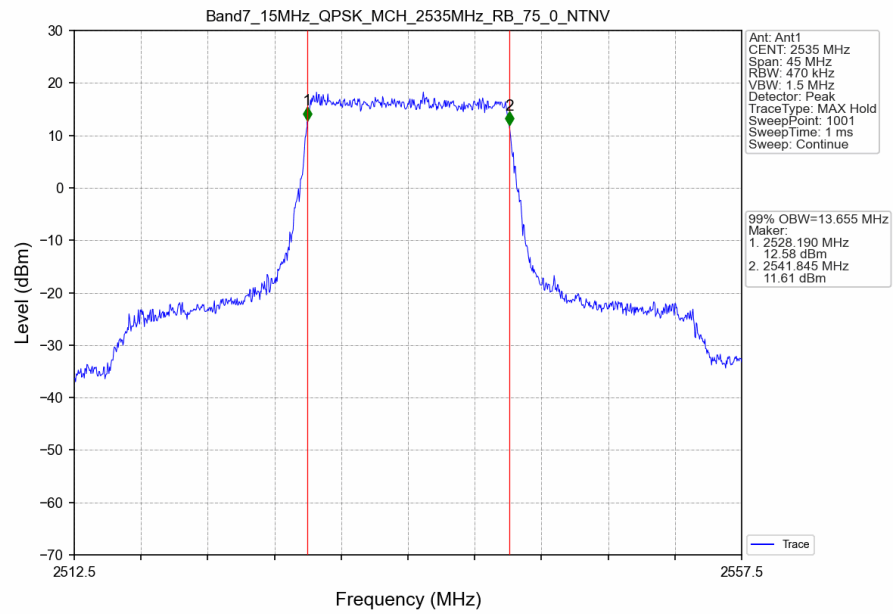
Band7_10MHz_16QAM_HCH_2565MHz_RB_27_23_NTNV



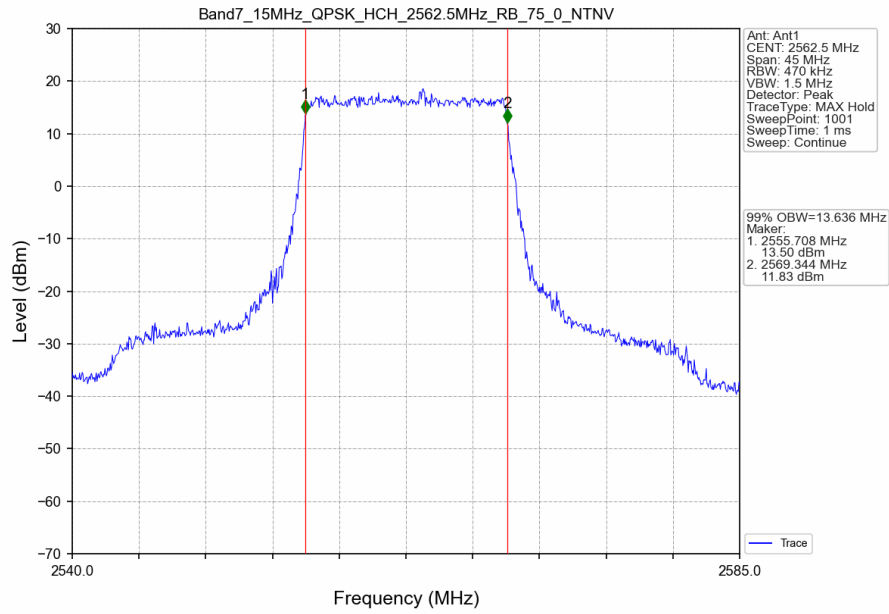
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



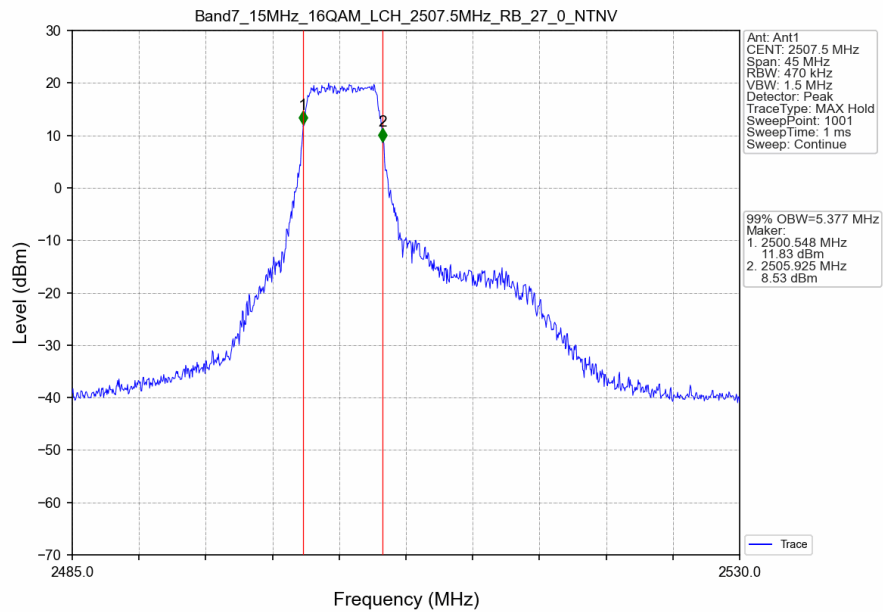
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



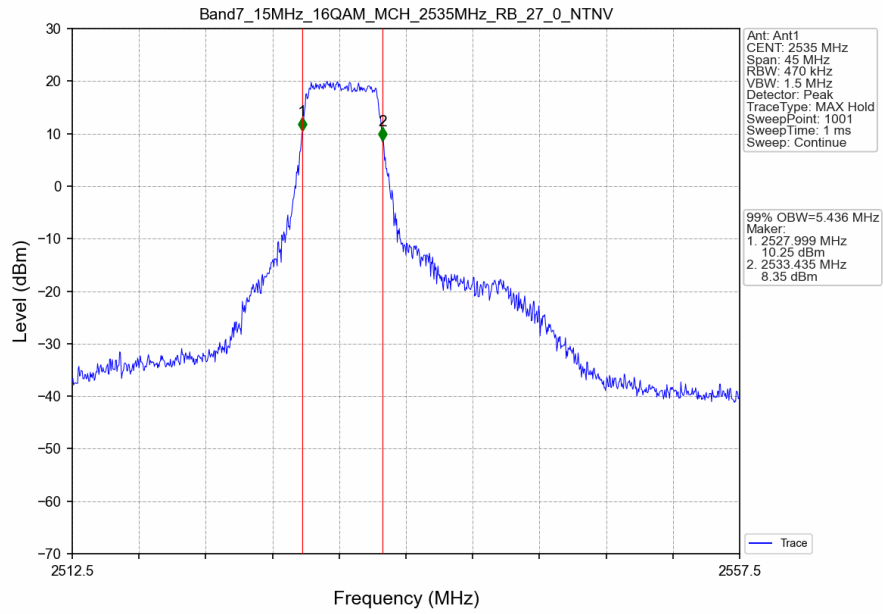
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



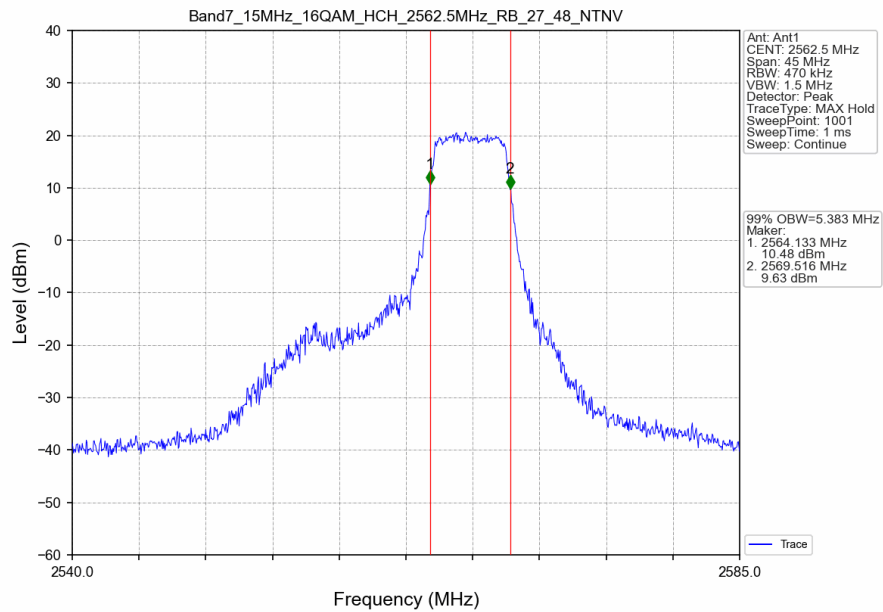
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_27_0_NTNV



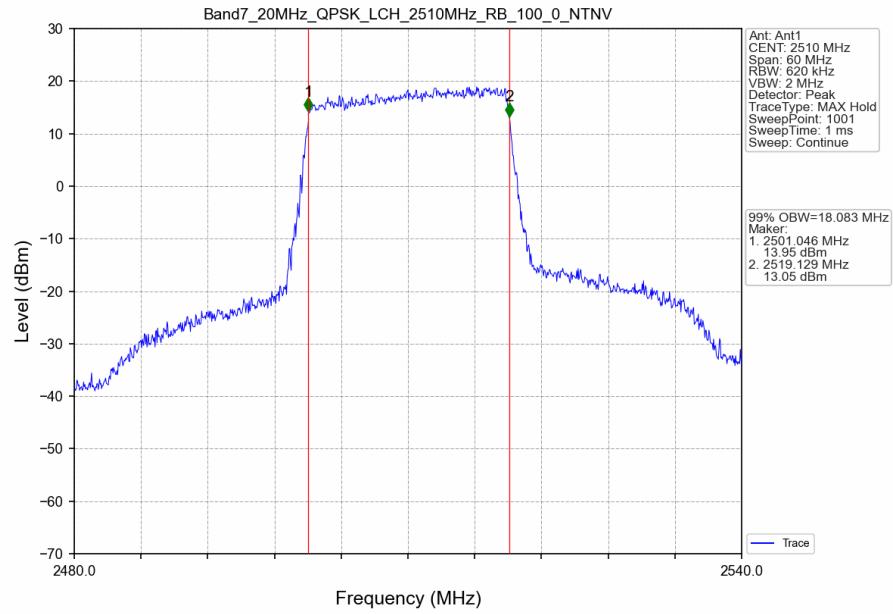
Band7_15MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



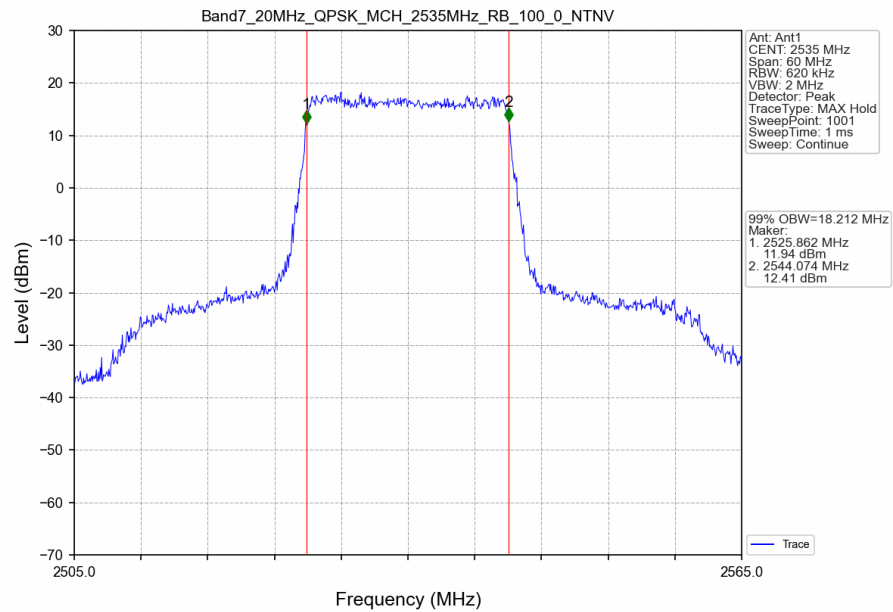
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_27_48_NTNV



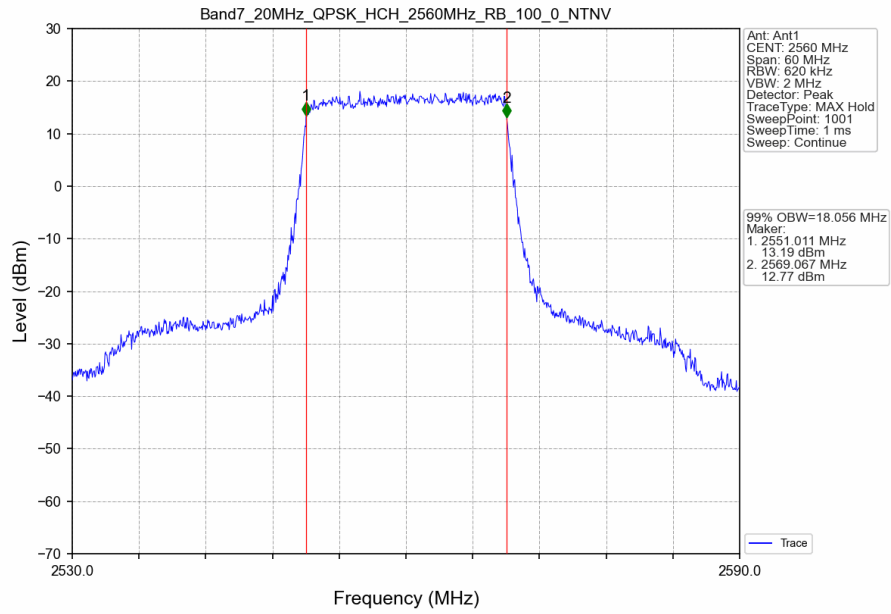
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



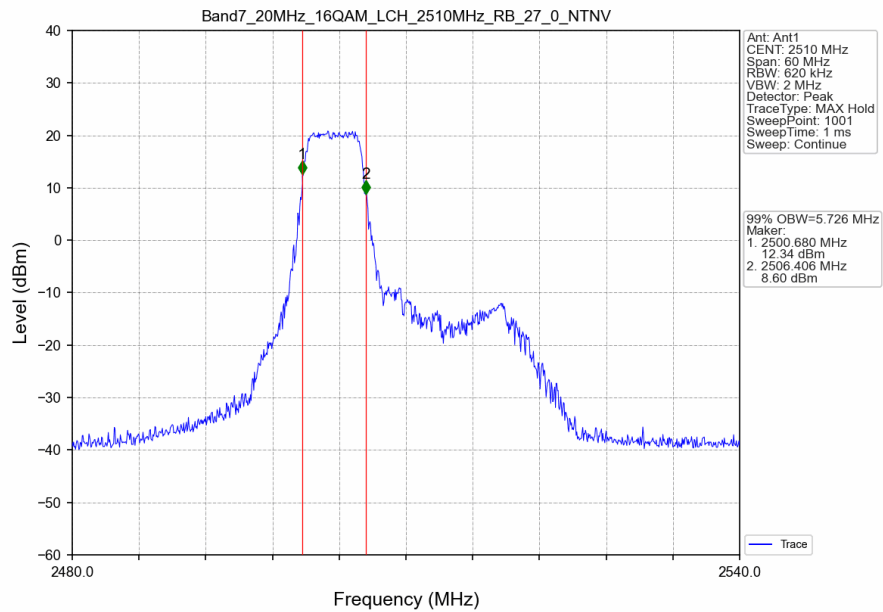
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



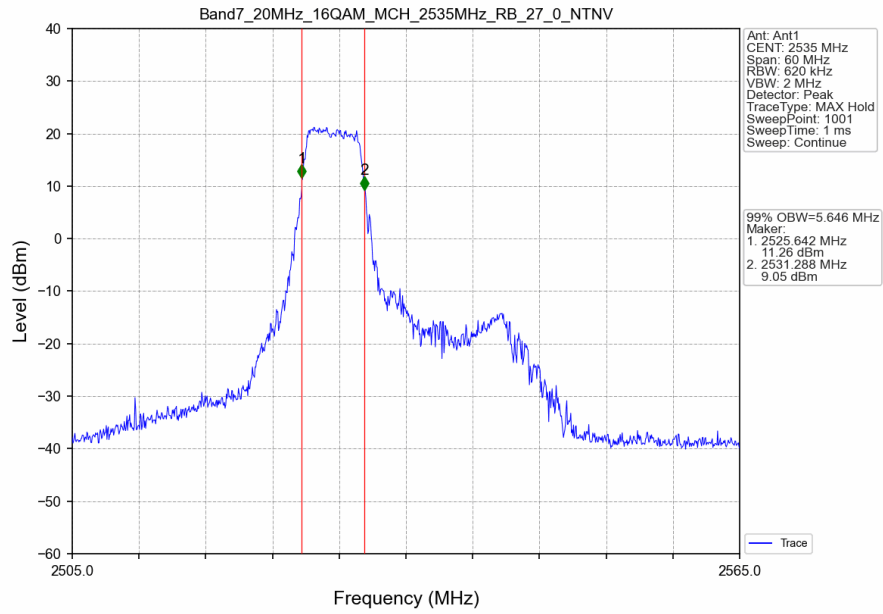
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



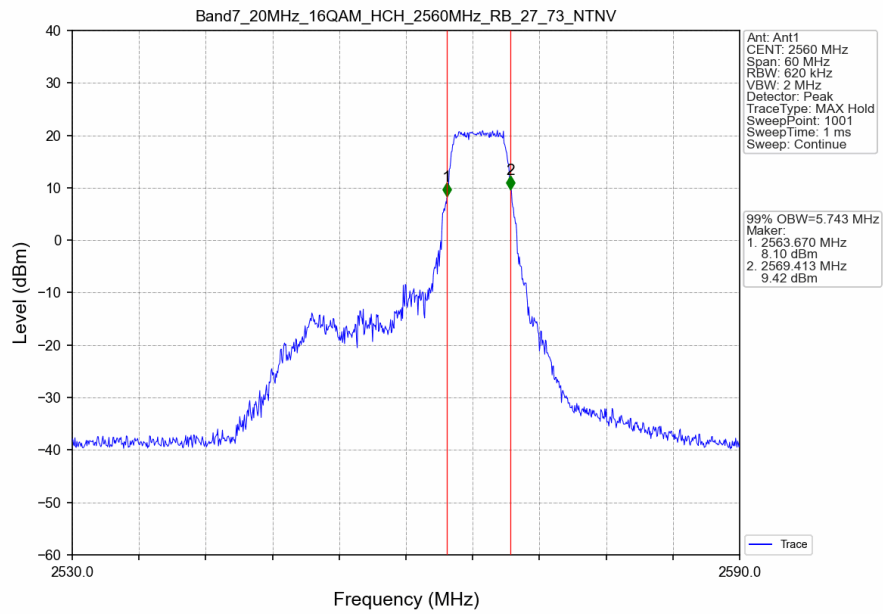
Band7_20MHz_16QAM_LCH_2510MHz_RB_27_0_NTNV



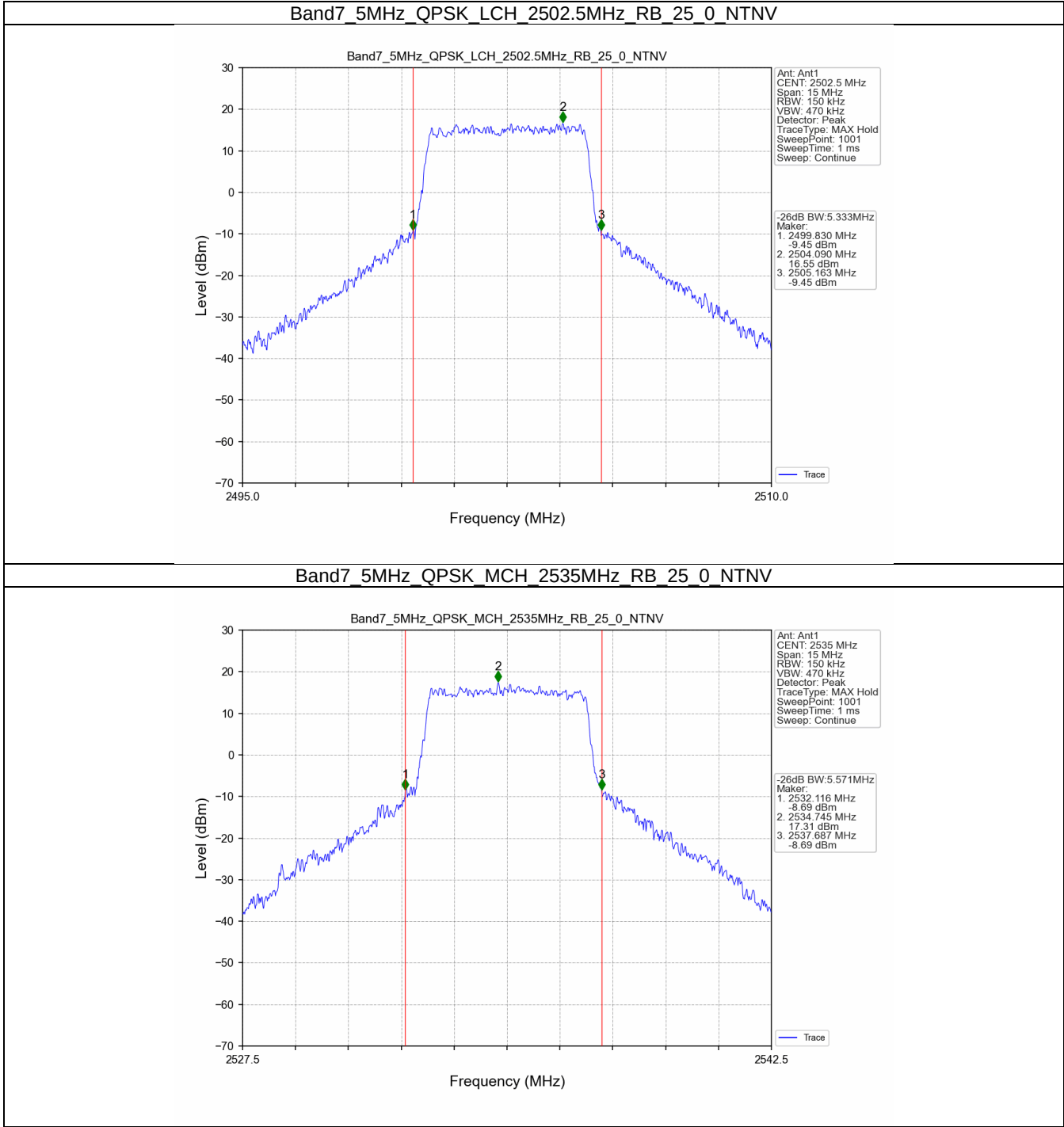
Band7 20MHz 16QAM MCH 2535MHz RB 27 0 NTN



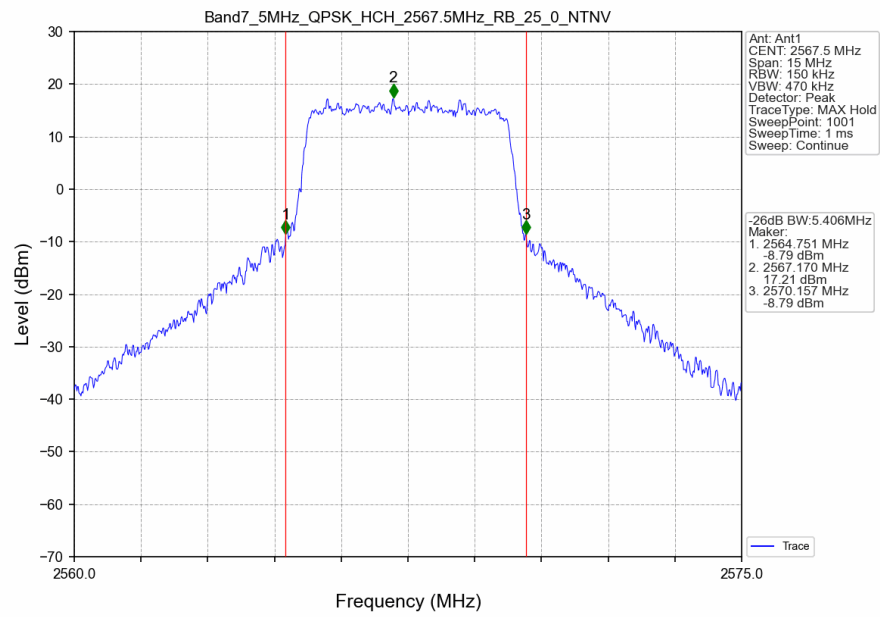
Band7 20MHz 16QAM HCH 2560MHz RB 27 73 NTN



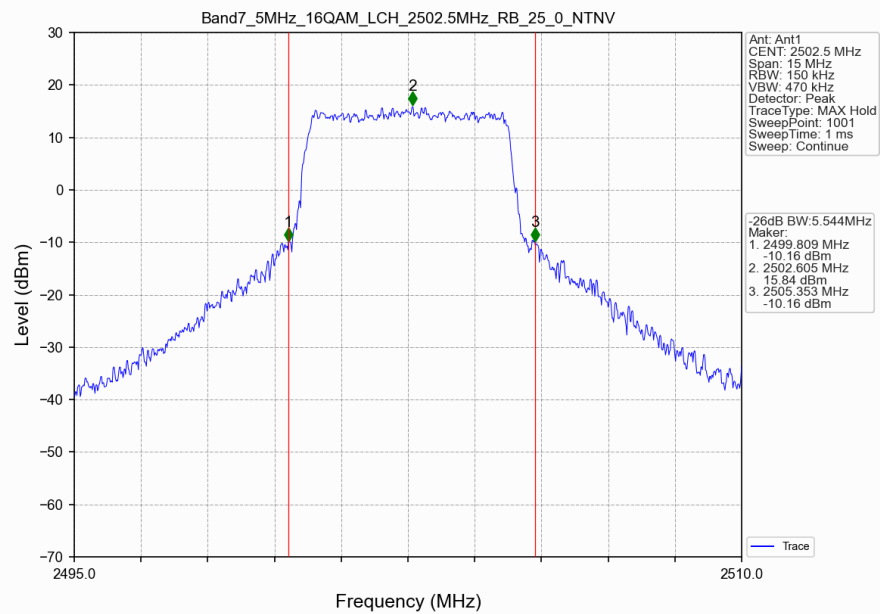
3.2.2 Band7_XDB



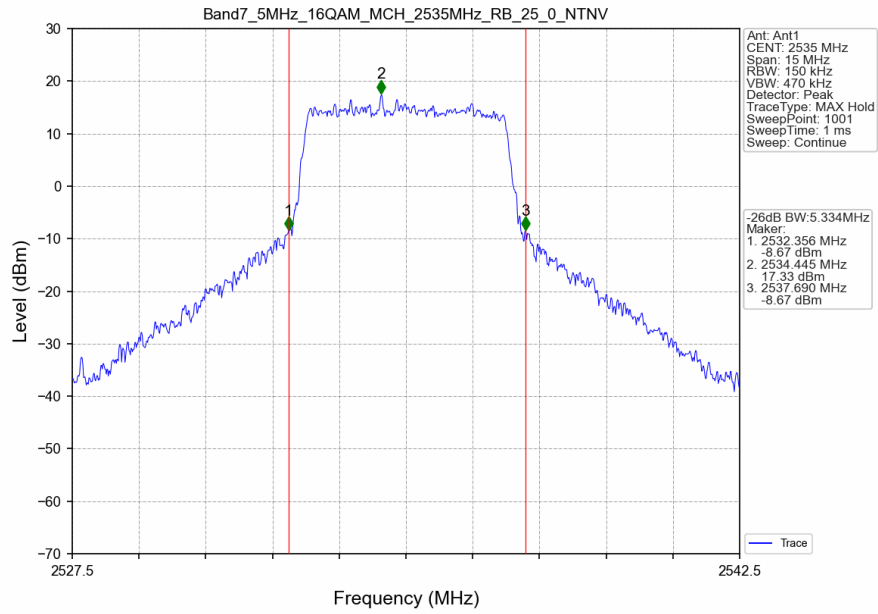
Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTN



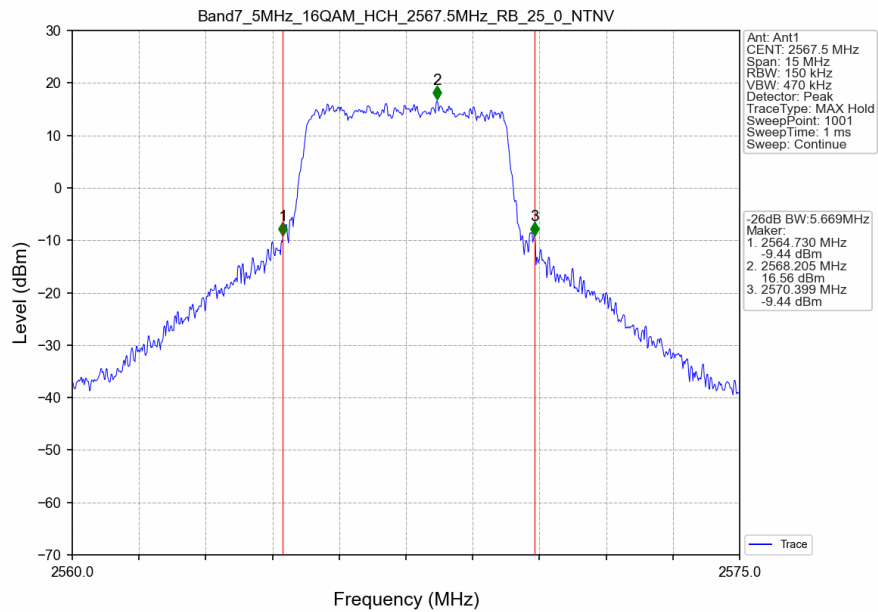
Band7 5MHz 16QAM LCH 2502.5MHz RB 25 0 NTN



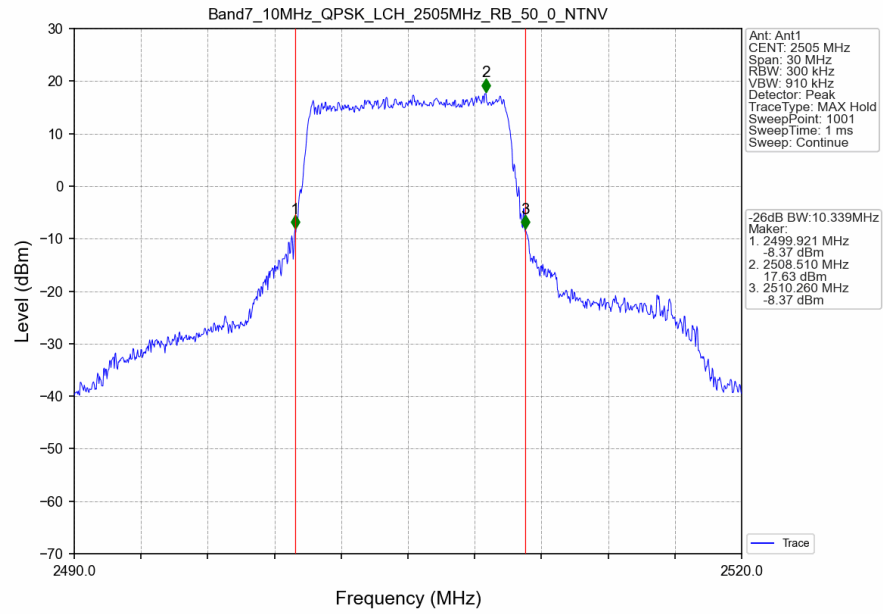
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



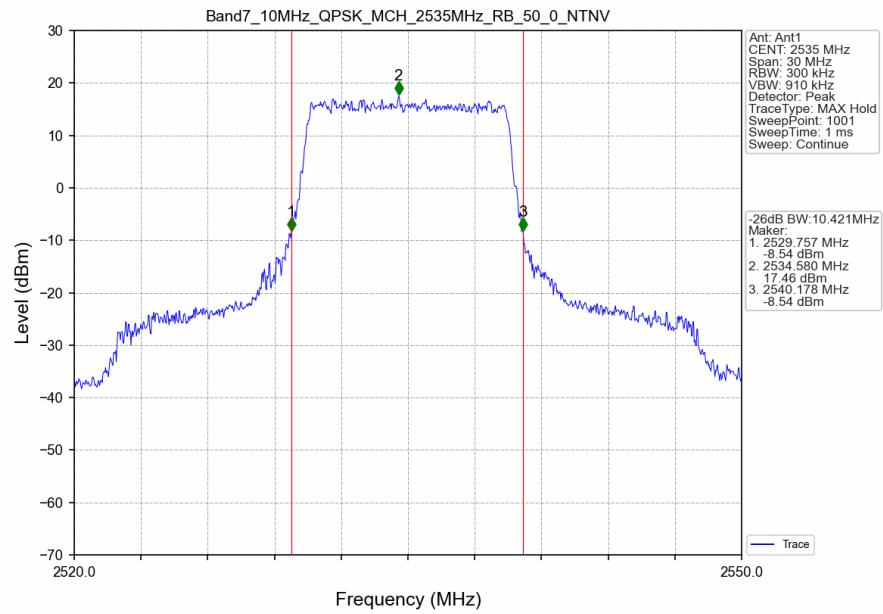
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



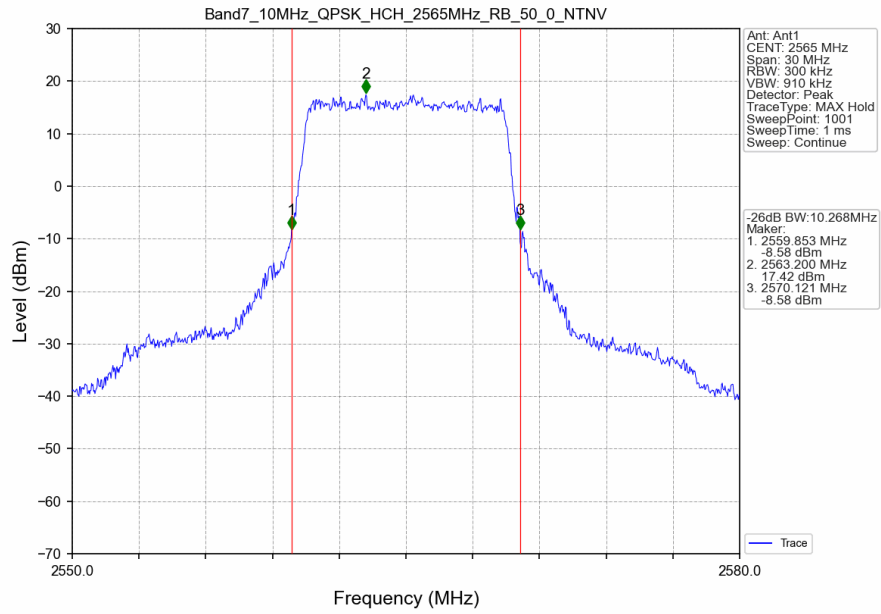
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



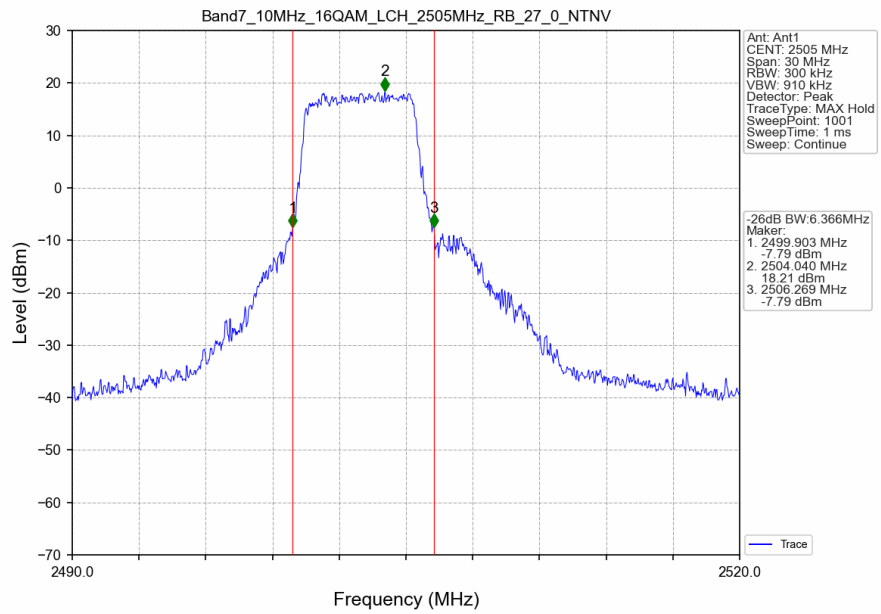
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



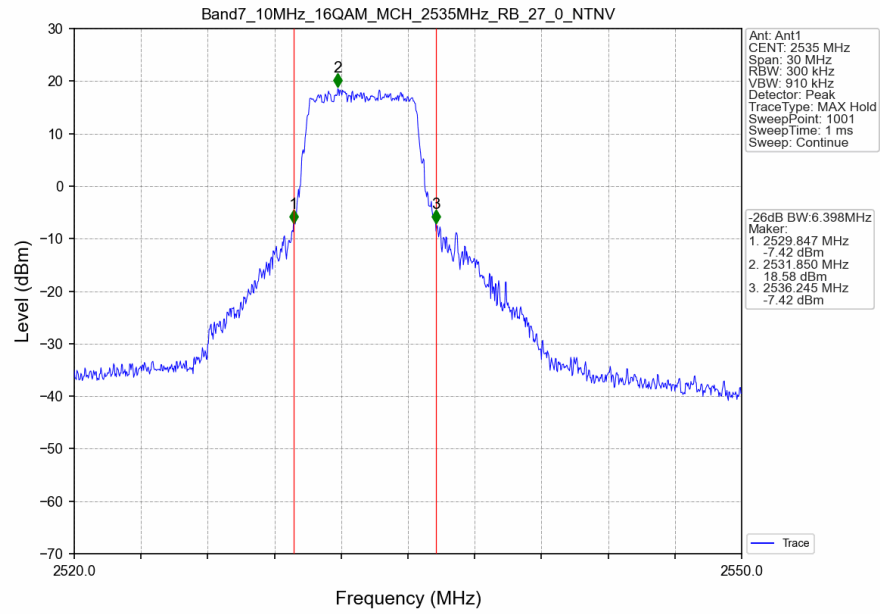
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



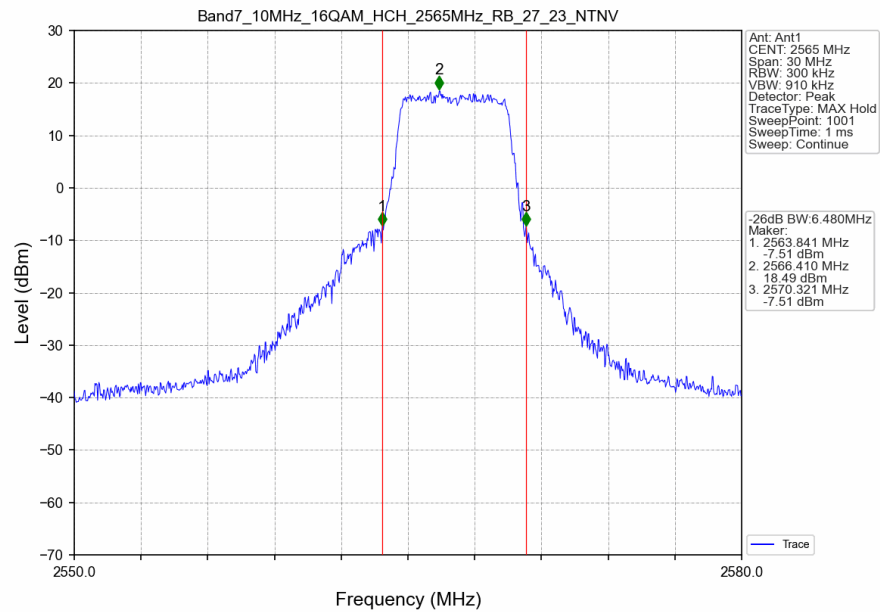
Band7_10MHz_16QAM_LCH_2505MHz_RB_27_0_NTNV



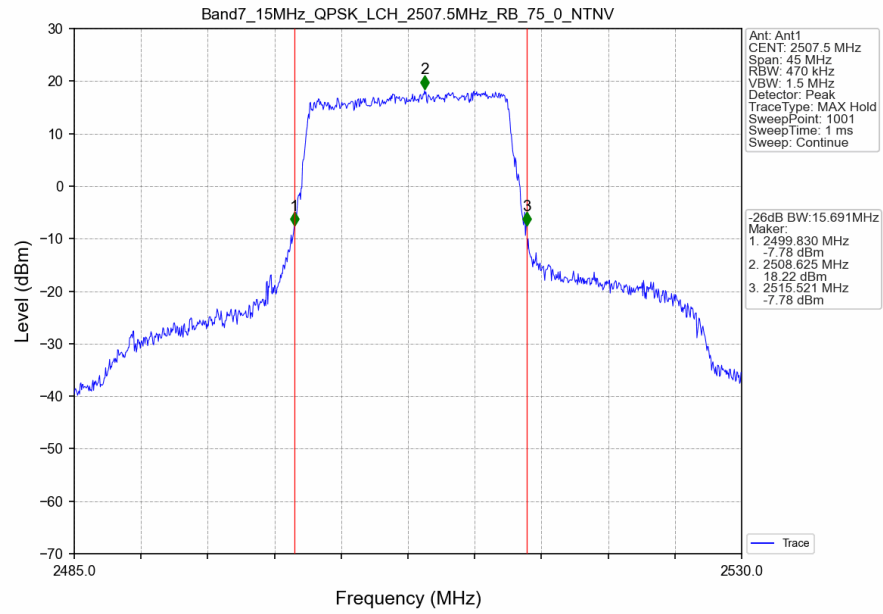
Band7_10MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



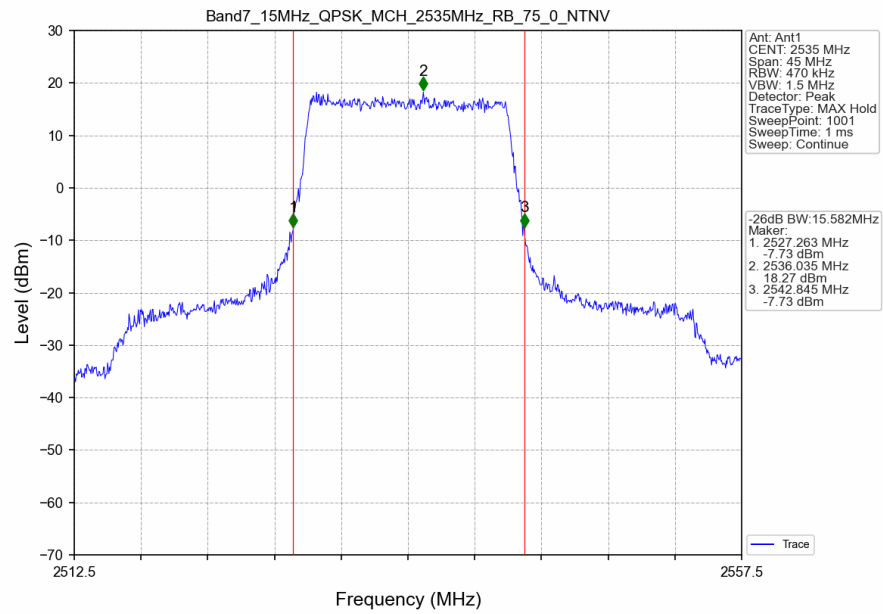
Band7_10MHz_16QAM_HCH_2565MHz_RB_27_23_NTNV



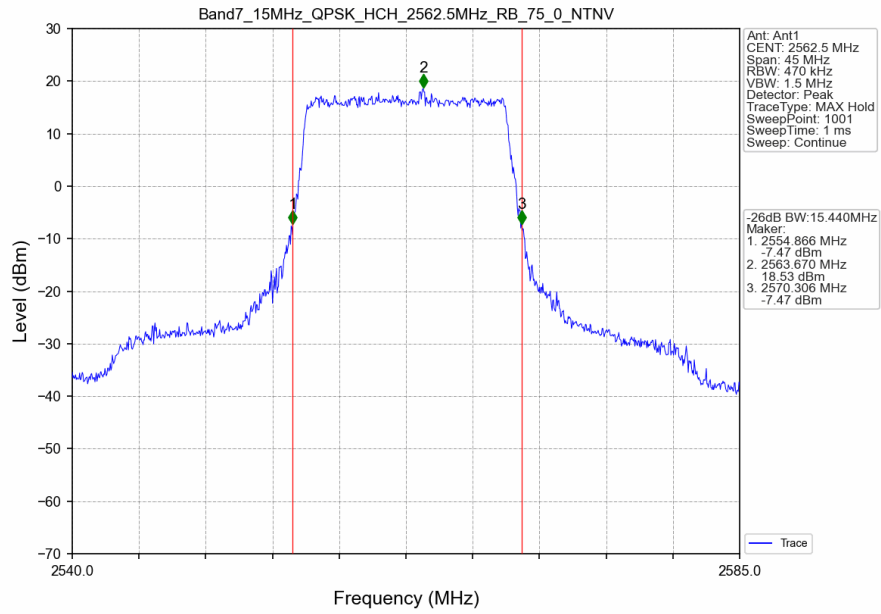
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



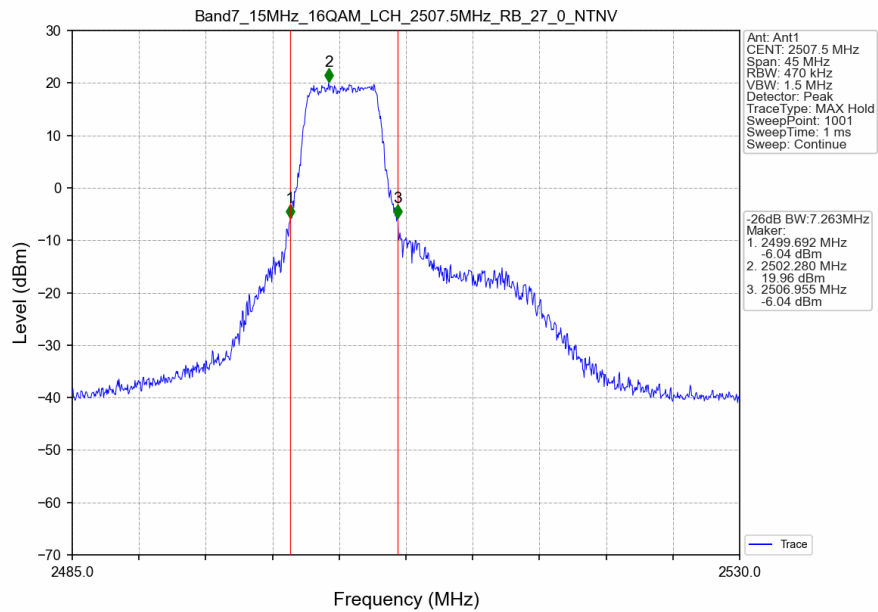
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



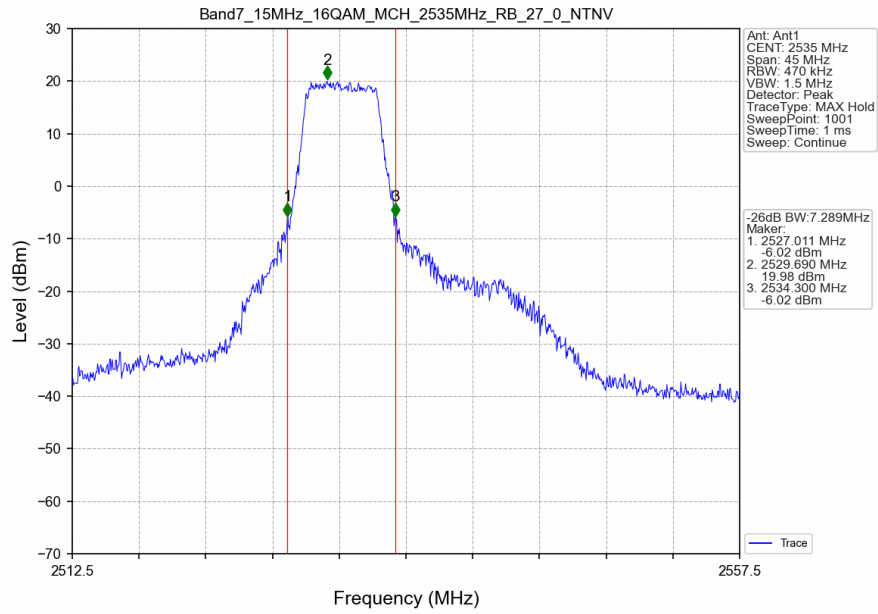
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



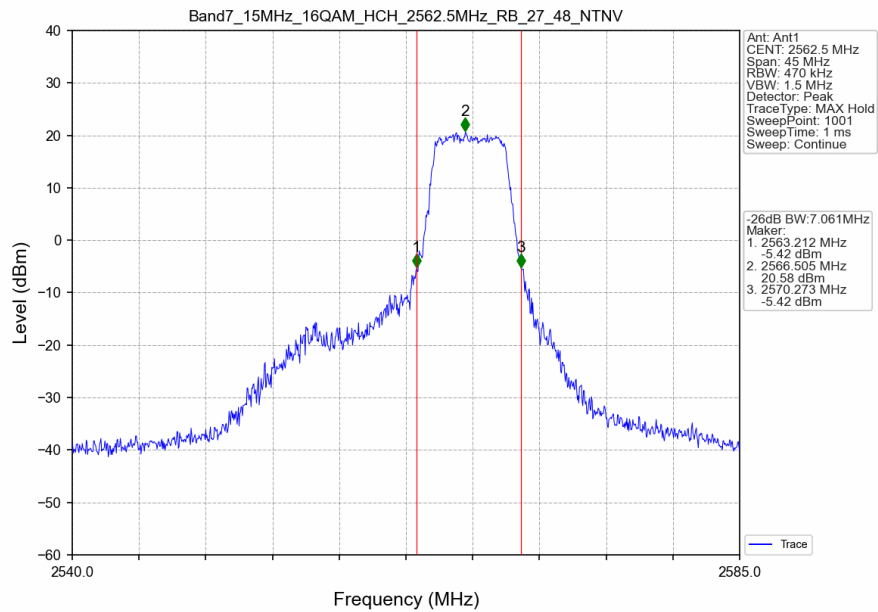
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_27_0_NTNV



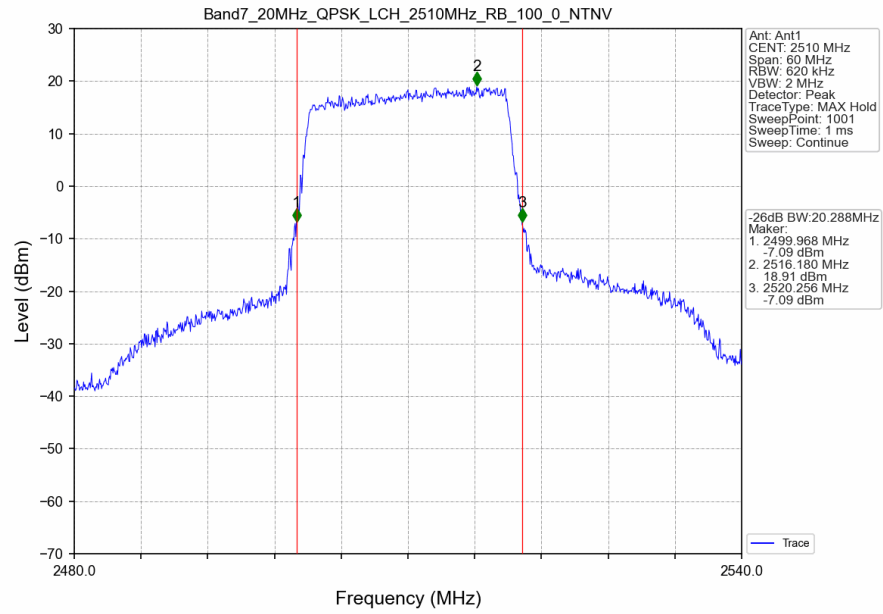
Band7_15MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



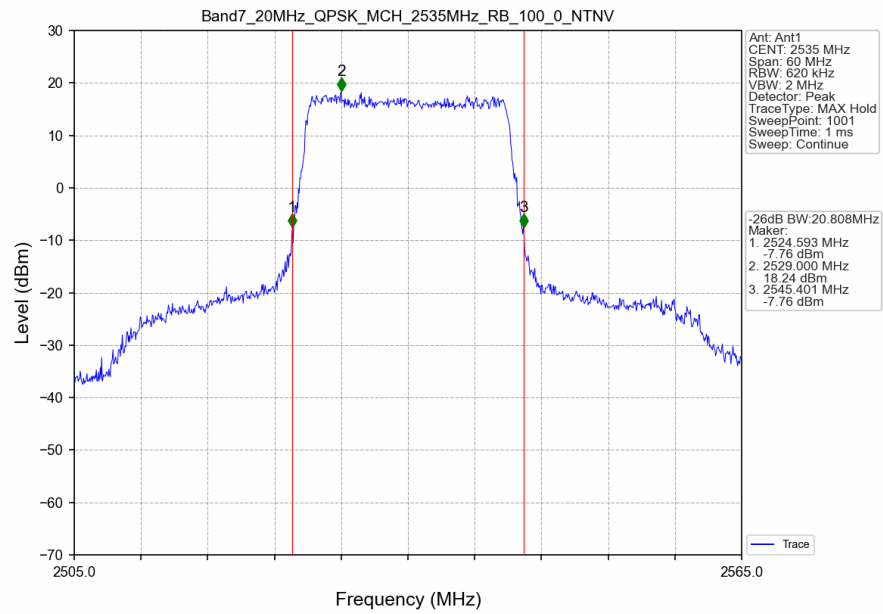
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_27_48_NTNV



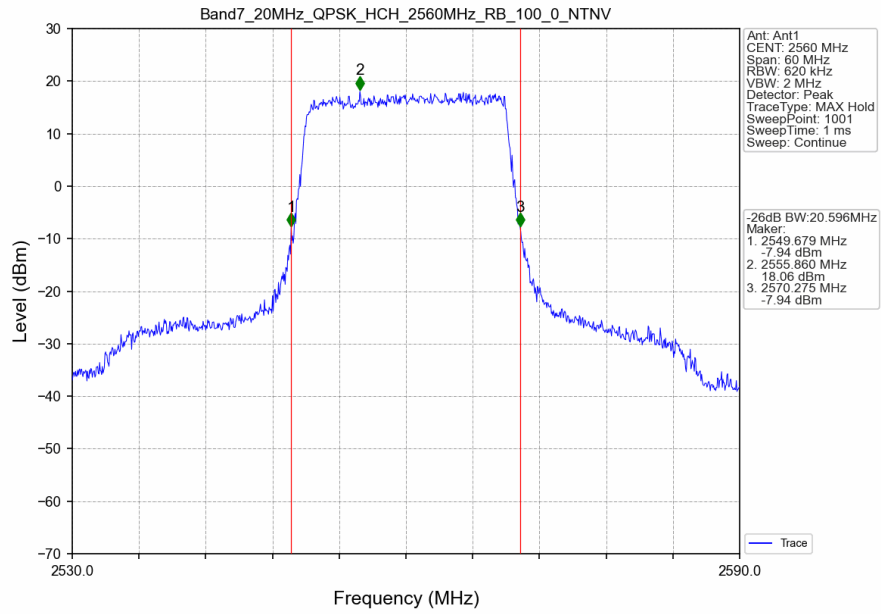
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



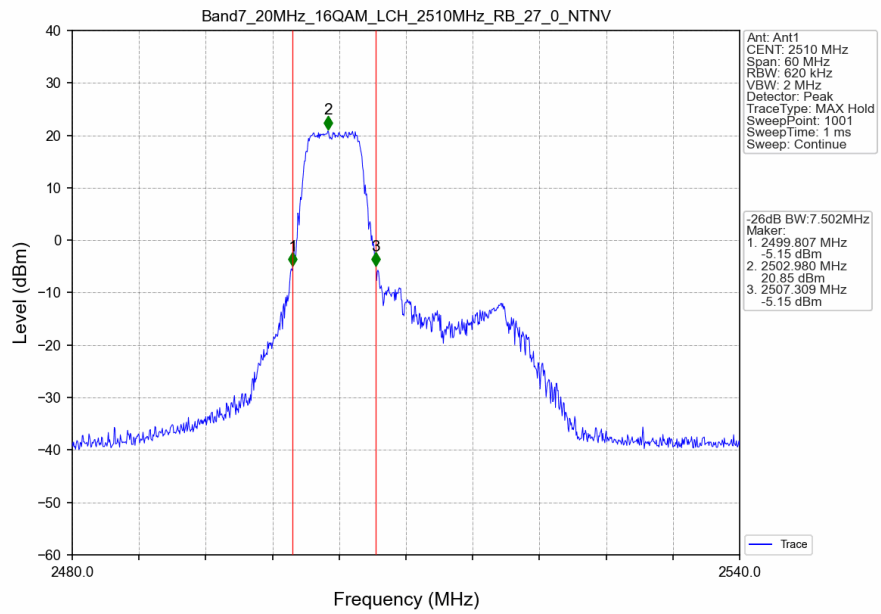
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



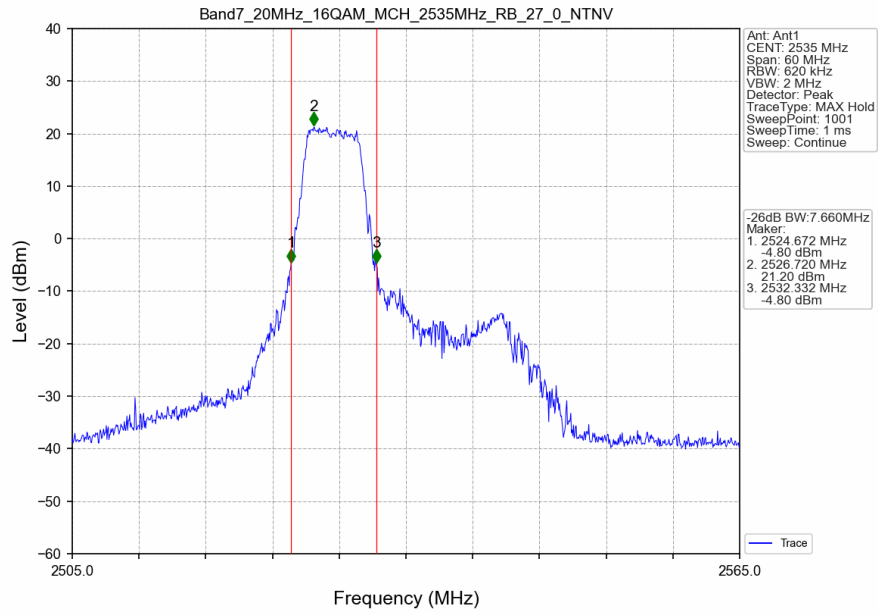
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



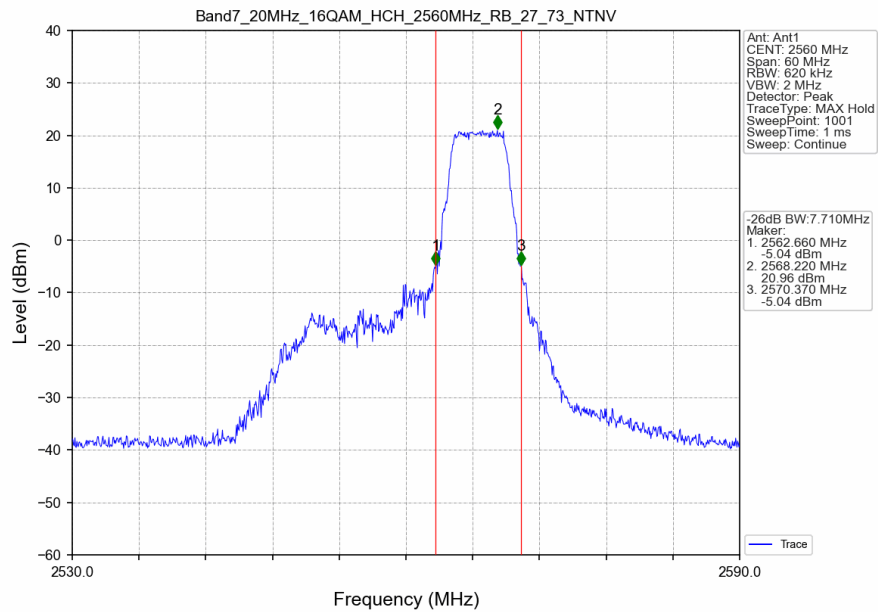
Band7_20MHz_16QAM_LCH_2510MHz_RB_27_0_NTNV



Band7 20MHz 16QAM MCH 2535MHz RB 27 0 NTN



Band7 20MHz 16QAM HCH 2560MHz RB 27 73 NTN



4. Peak-Average Ratio

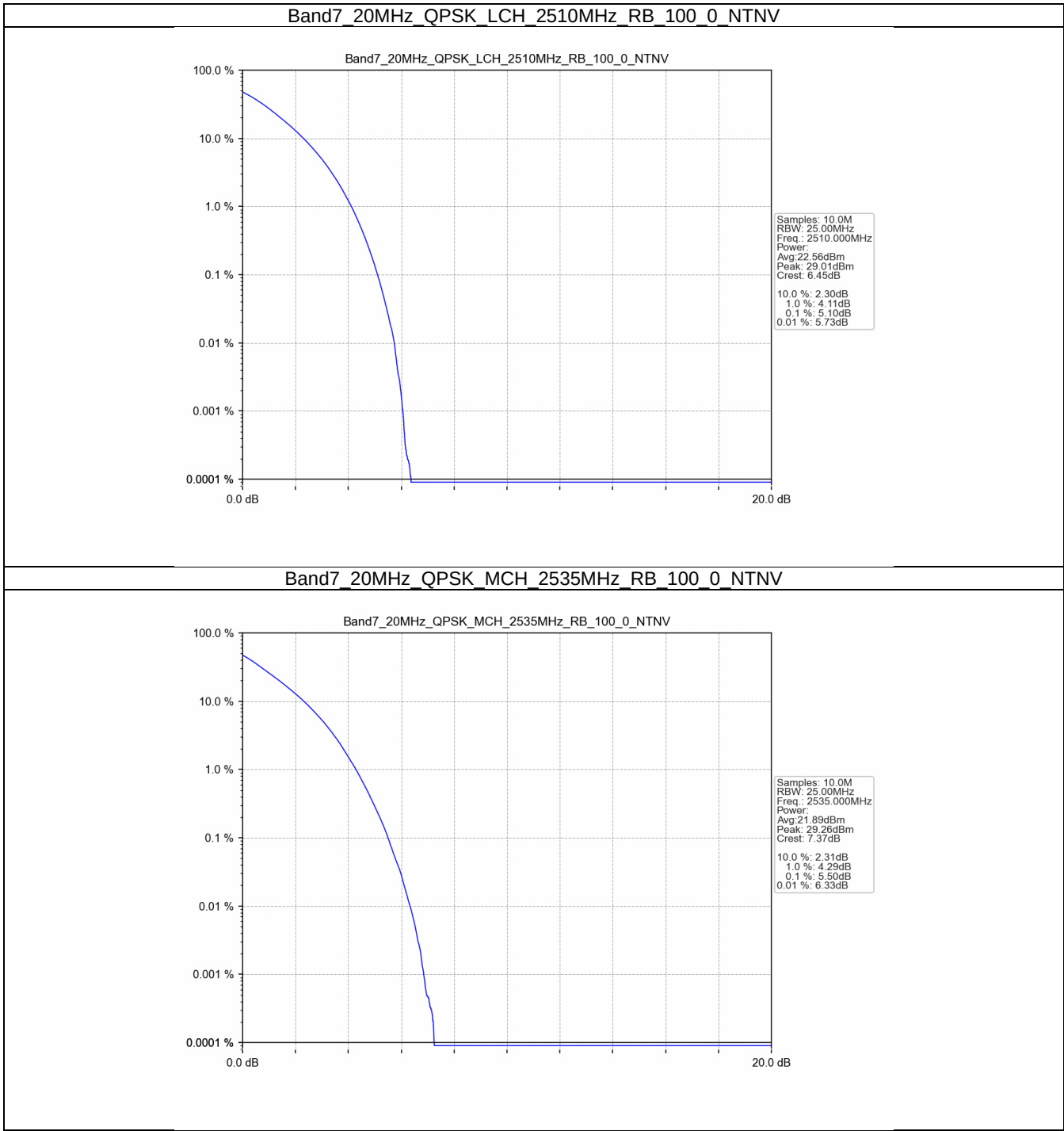
4.1 Test Result

4.1.1 B7_20MHz

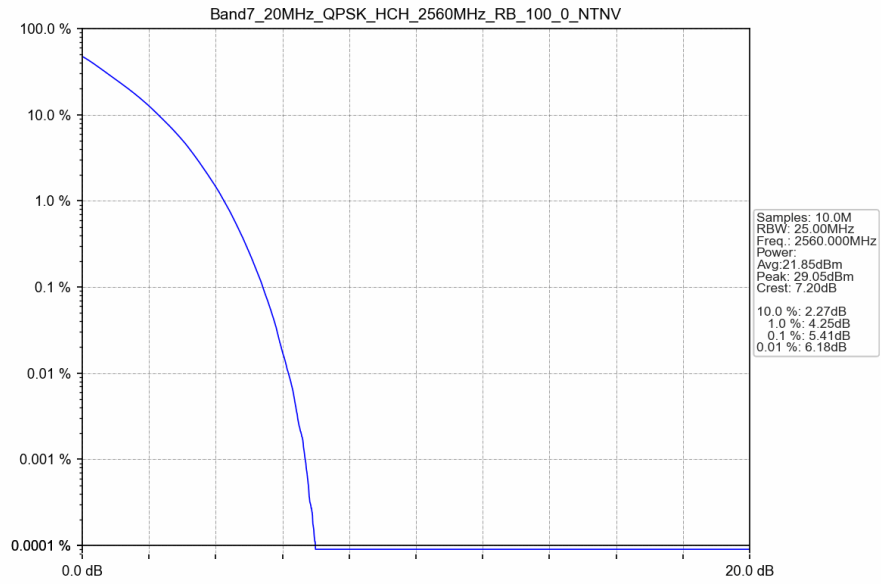
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.10	<=13	Pass
	2535	100	0	5.50	<=13	Pass
	2560	100	0	5.41	<=13	Pass
16QAM	2510	27	0	5.98	<=13	Pass
	2535	27	0	6.09	<=13	Pass
	2560	27	73	6.17	<=13	Pass

4.2 Test Graph

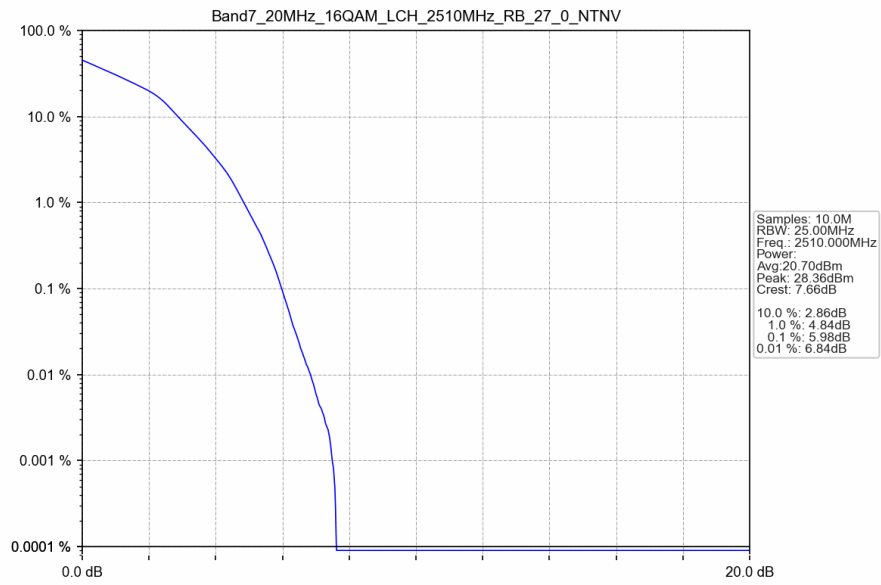
4.2.1 B7_20MHz



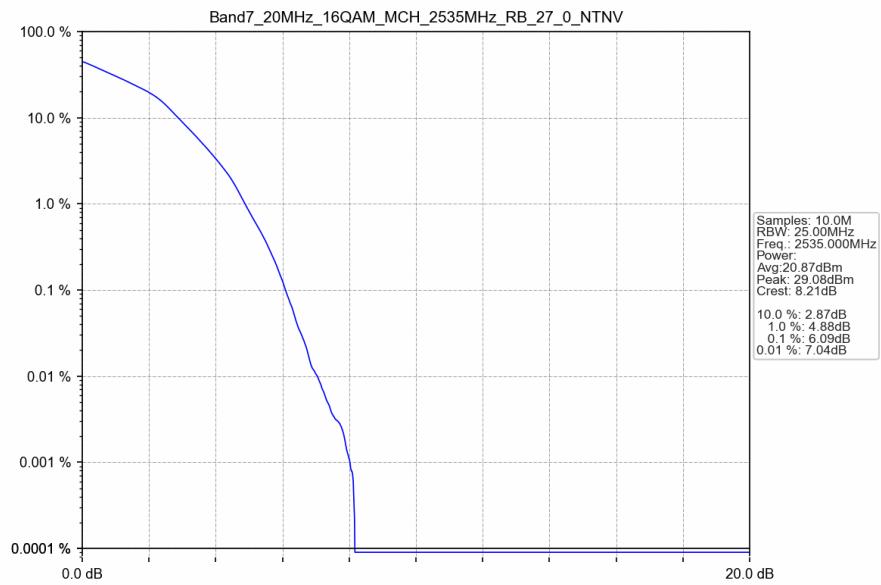
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



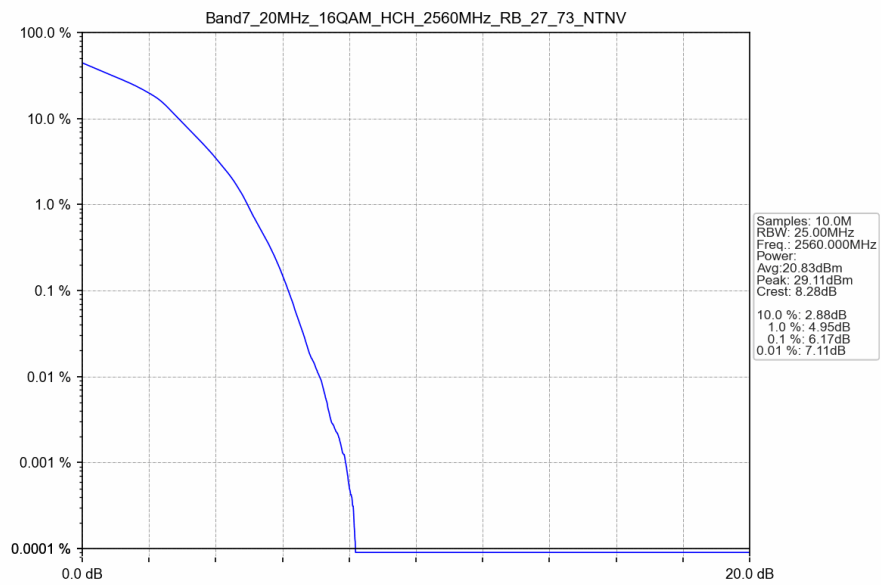
Band7_20MHz_16QAM_LCH_2510MHz_RB_27_0_NTNV



Band7 20MHz 16QAM MCH 2535MHz RB 27 0 NTN



Band7 20MHz 16QAM HCH 2560MHz RB 27 73 NTN



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

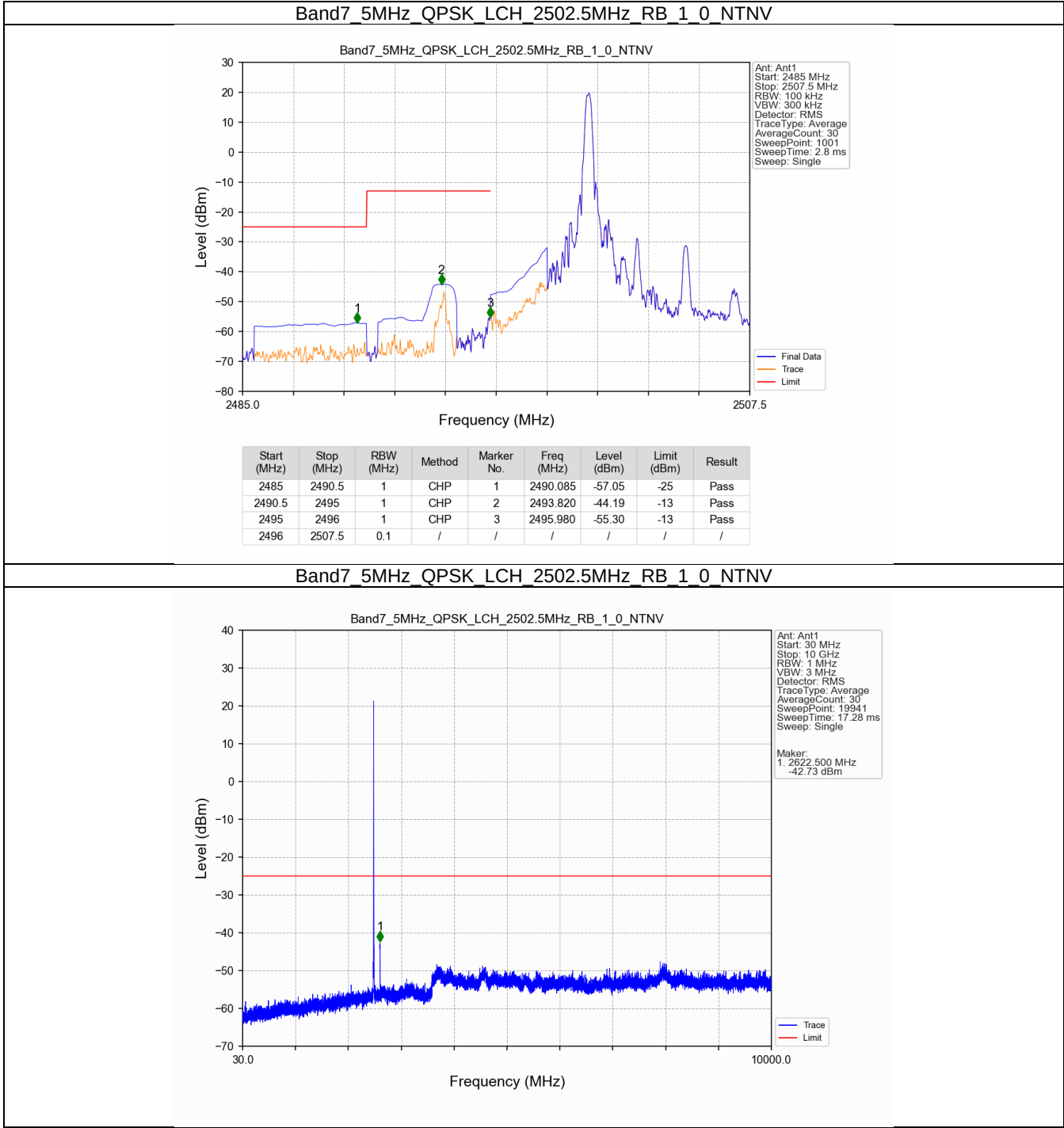
Band: 7 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test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

5.1.4 B7_20MHz

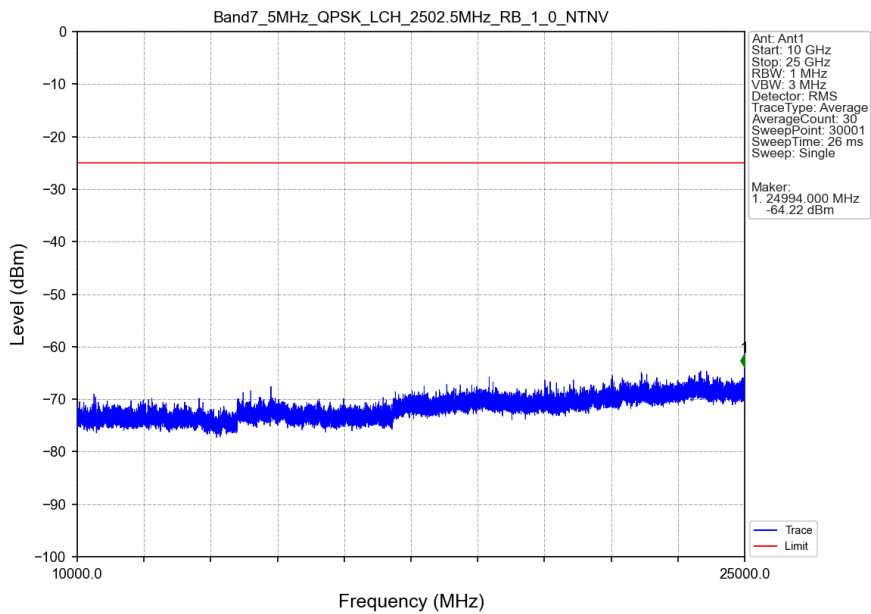
Band: 7 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

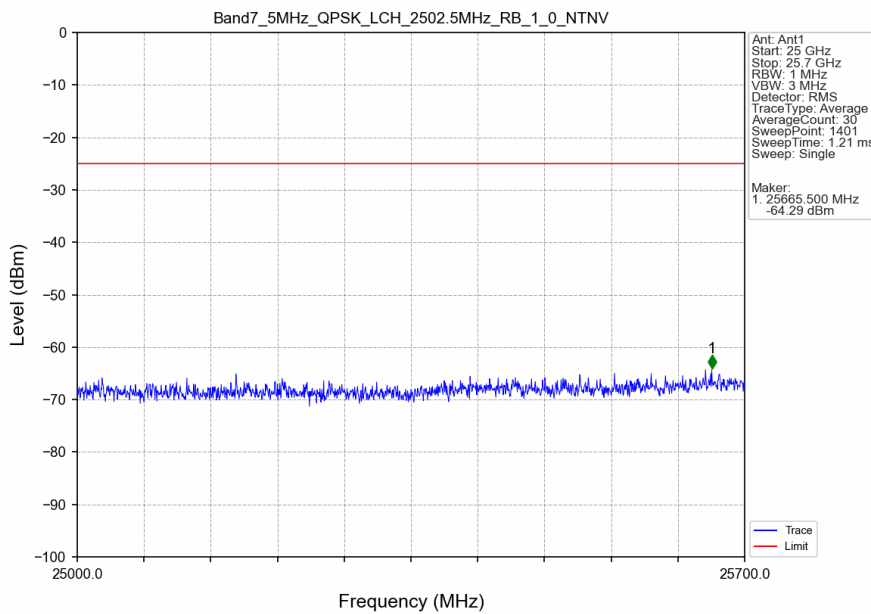
5.2.1 B7_5MHz



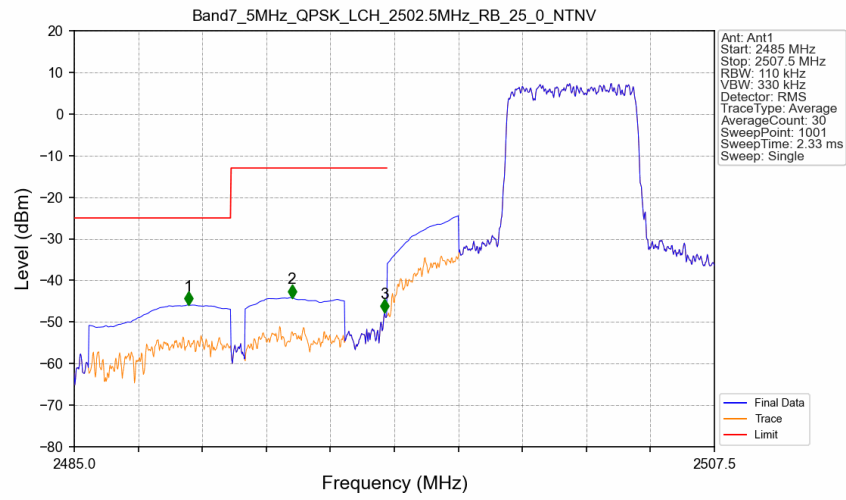
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

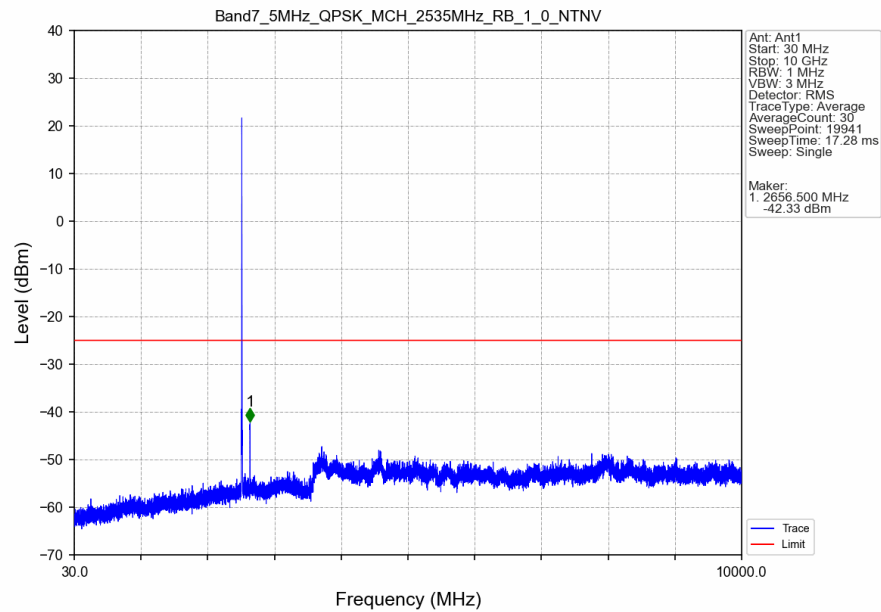


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

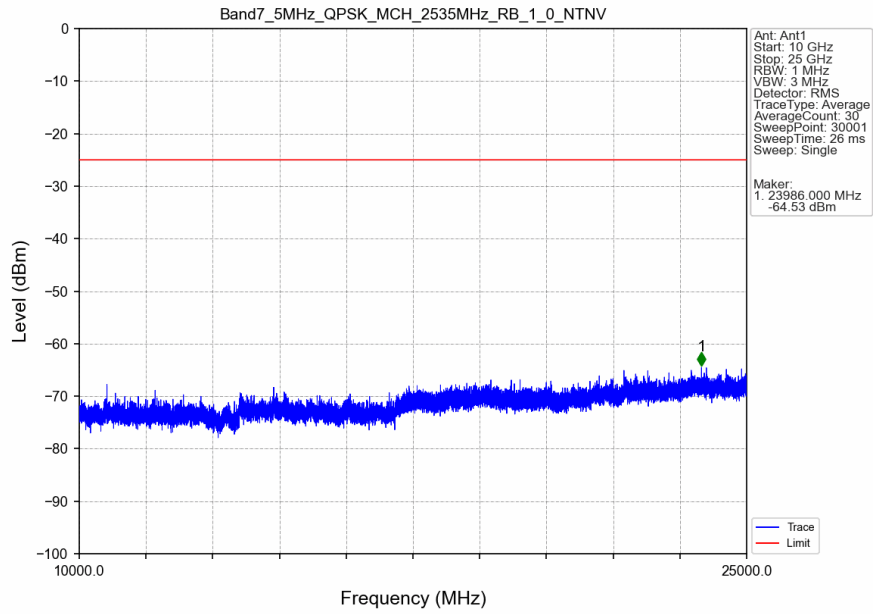


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.005	-45.90	-25	Pass
2490.5	2495	1	CHP	2	2492.650	-44.15	-13	Pass
2495	2496	1	CHP	3	2495.912	-47.79	-13	Pass
2496	2507.5	0.11	/	/	/	/	/	/

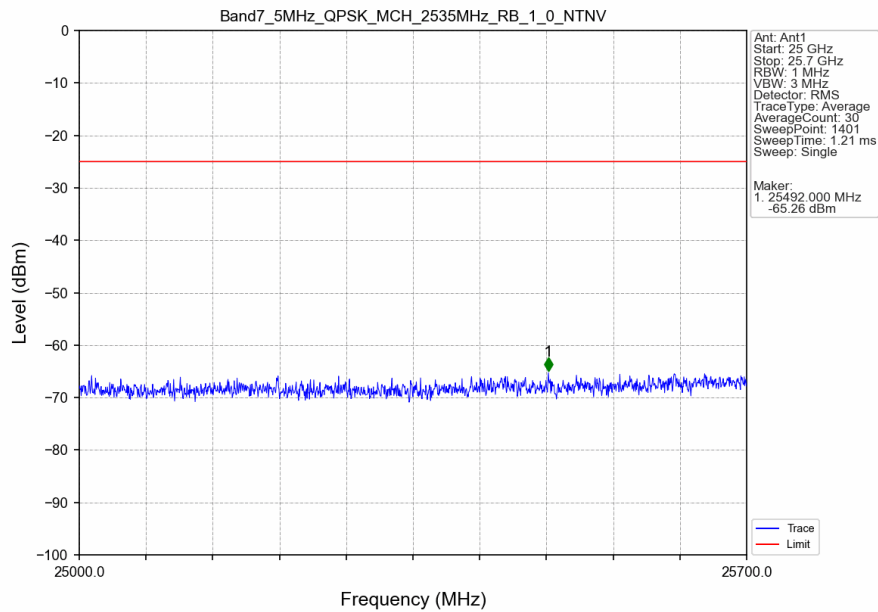
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



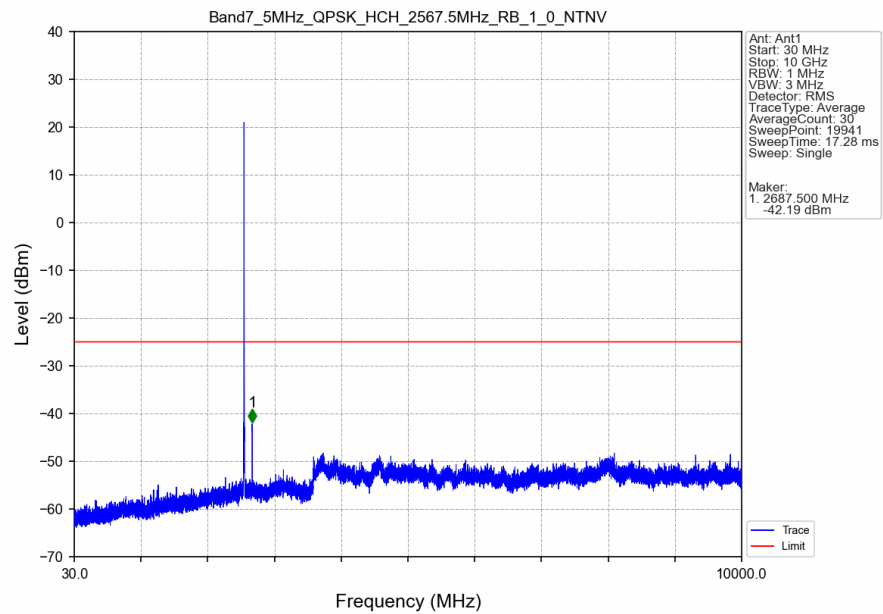
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



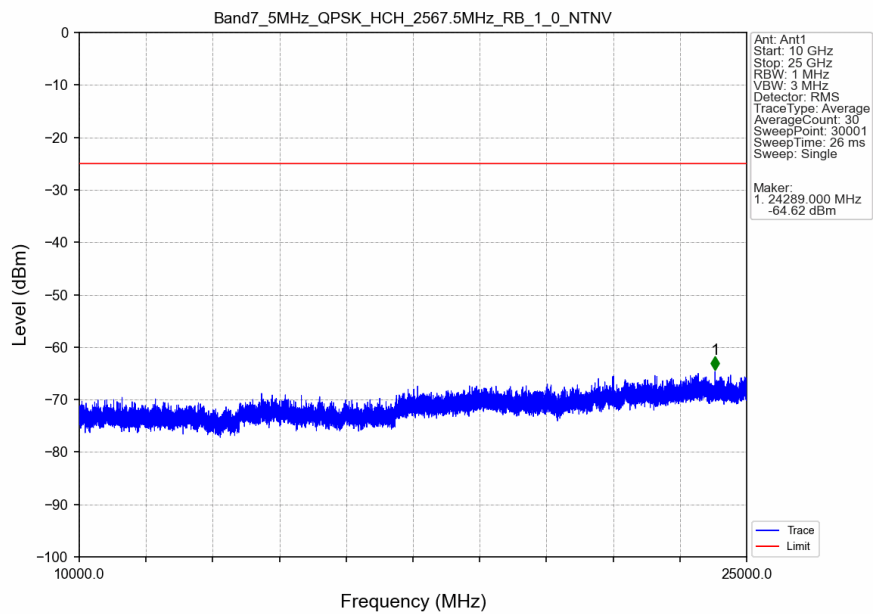
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



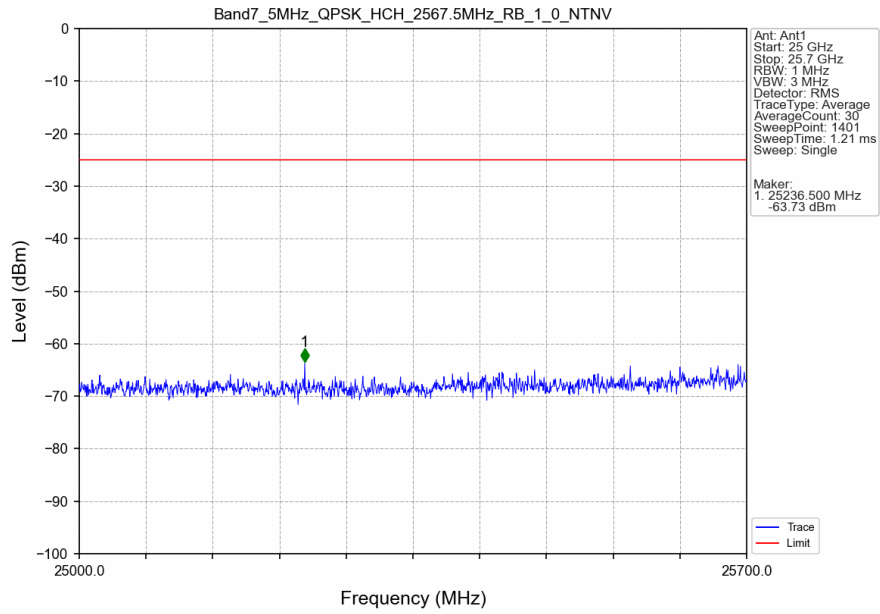
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



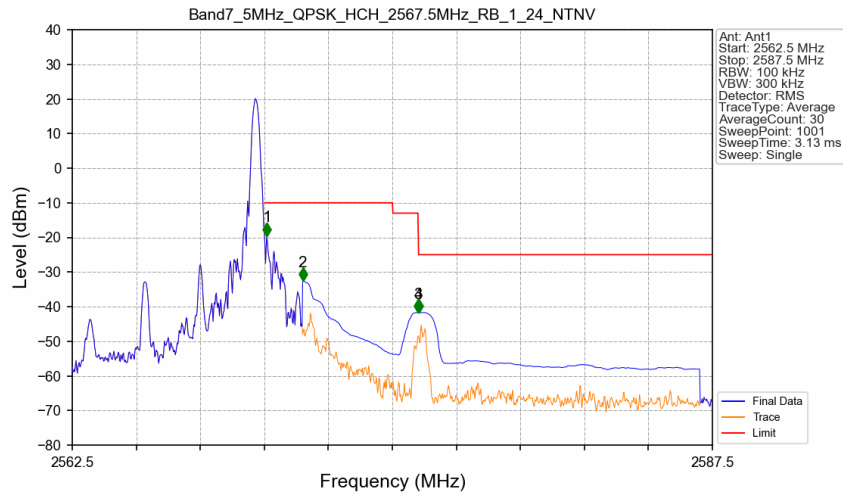
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN

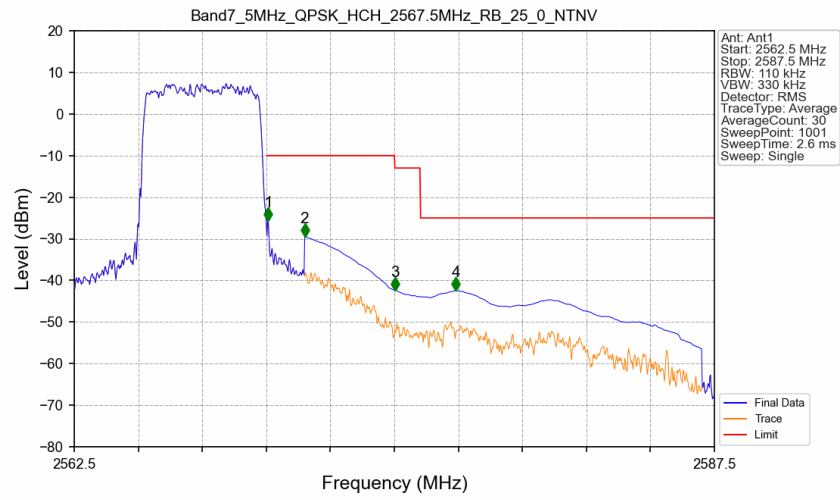


Band7 5MHz QPSK HCH 2567.5MHz RB 1 24 NTN



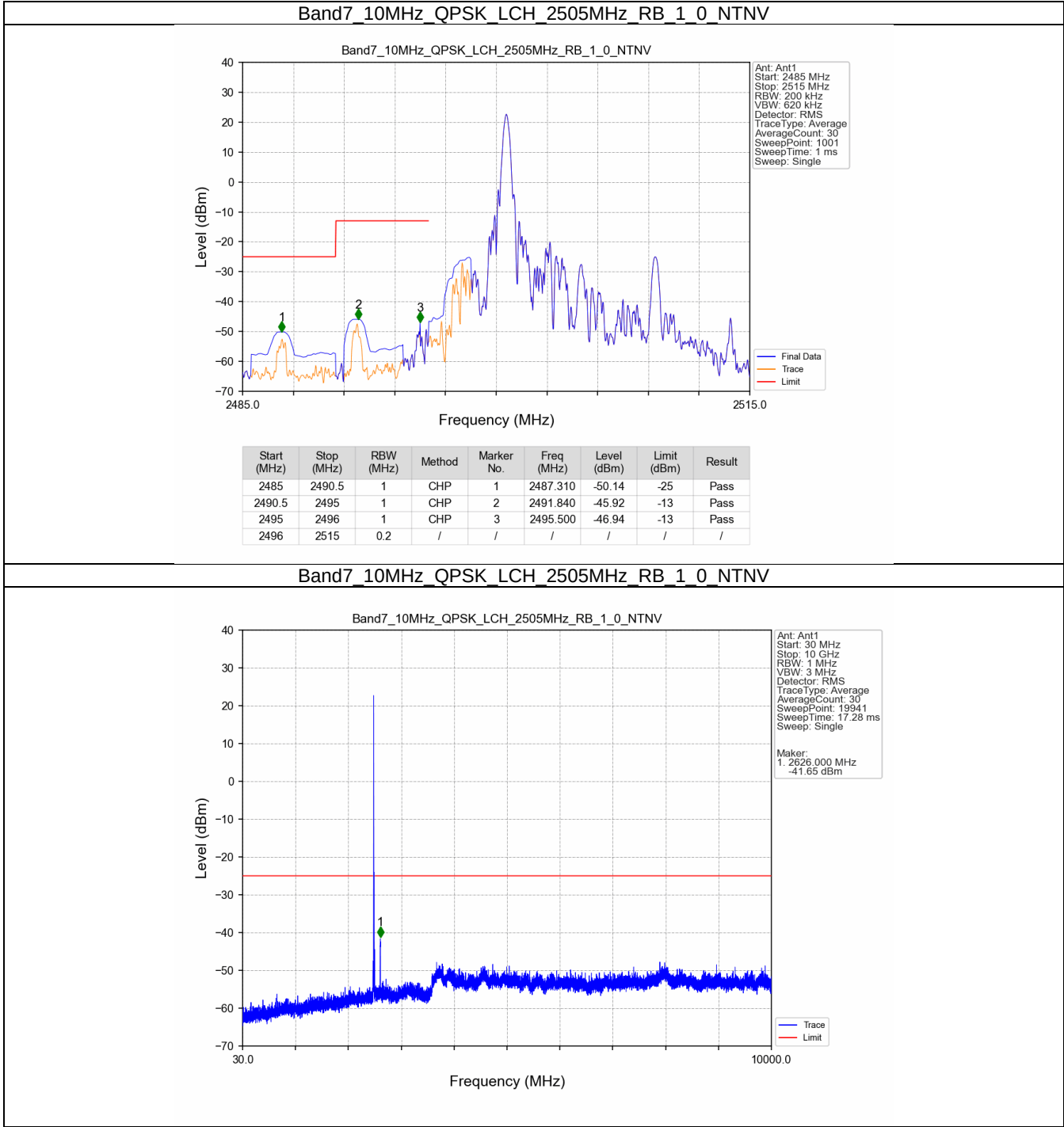
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.1	/	/	/	/	/	/
2570	2571	0.1	/	1	2570.100	-19.50	-10	Pass
2571	2575	1	CHP	2	2571.500	-32.47	-10	Pass
2575	2576	1	CHP	3	2576.000	-41.71	-13	Pass
2576	2587.5	1	CHP	4	2576.025	-41.71	-25	Pass

Band7 5MHz QPSK HCH 2567.5MHz RB 25_0_NTNV

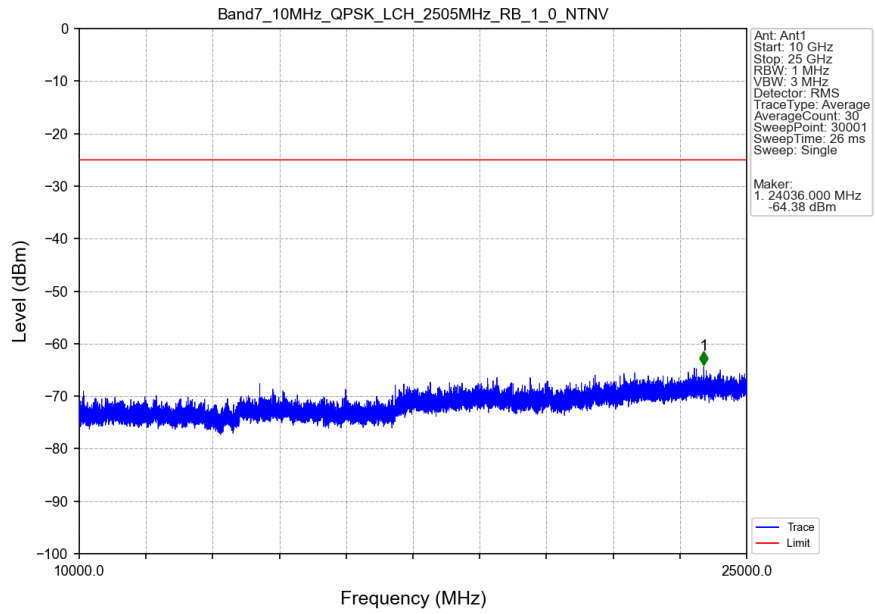


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.11	/	/	/	/	/	/
2570	2571	0.11	/	1	2570.075	-25.60	-10	Pass
2571	2575	1	CHP	2	2571.500	-29.48	-10	Pass
2575	2576	1	CHP	3	2575.025	-42.34	-13	Pass
2576	2587.5	1	CHP	4	2577.400	-42.43	-25	Pass

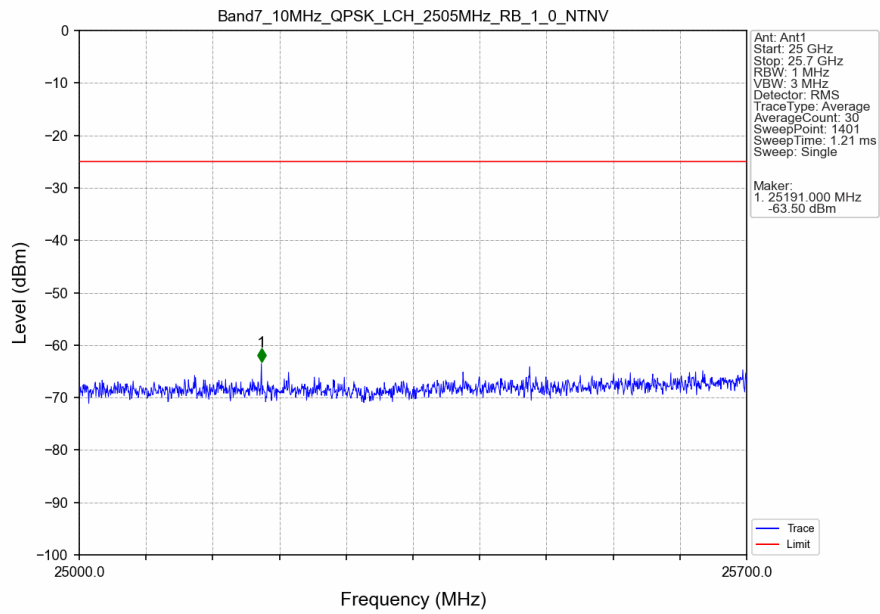
5.2.2 B7_10MHz



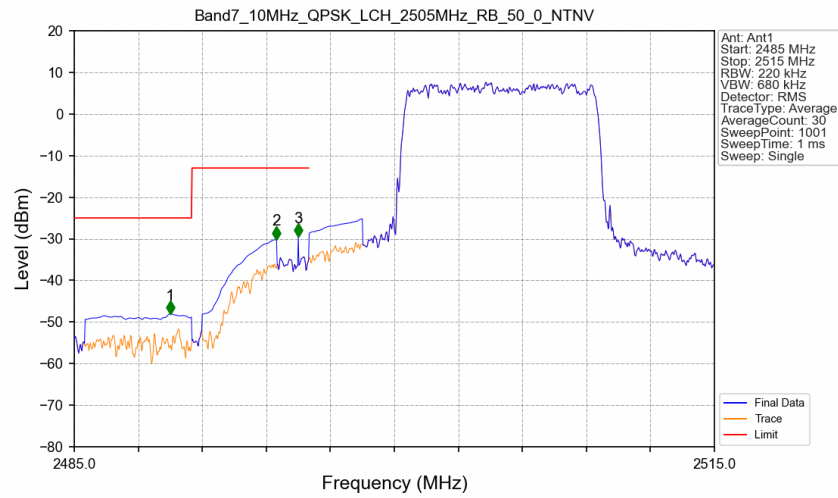
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



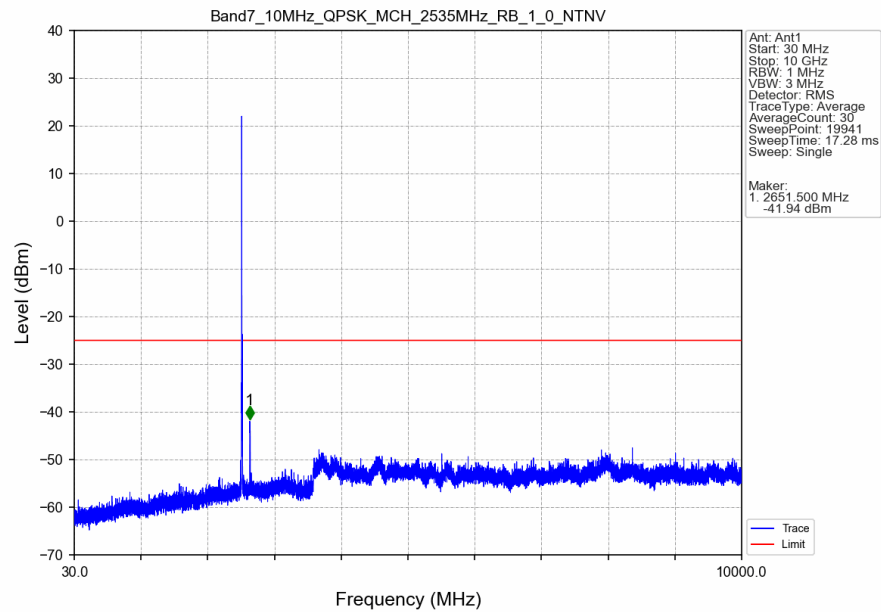
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



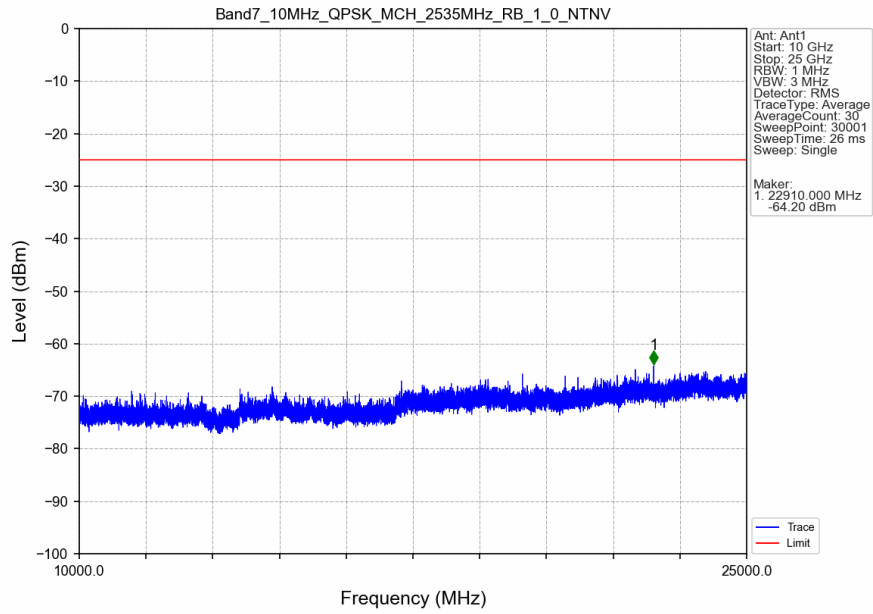
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV



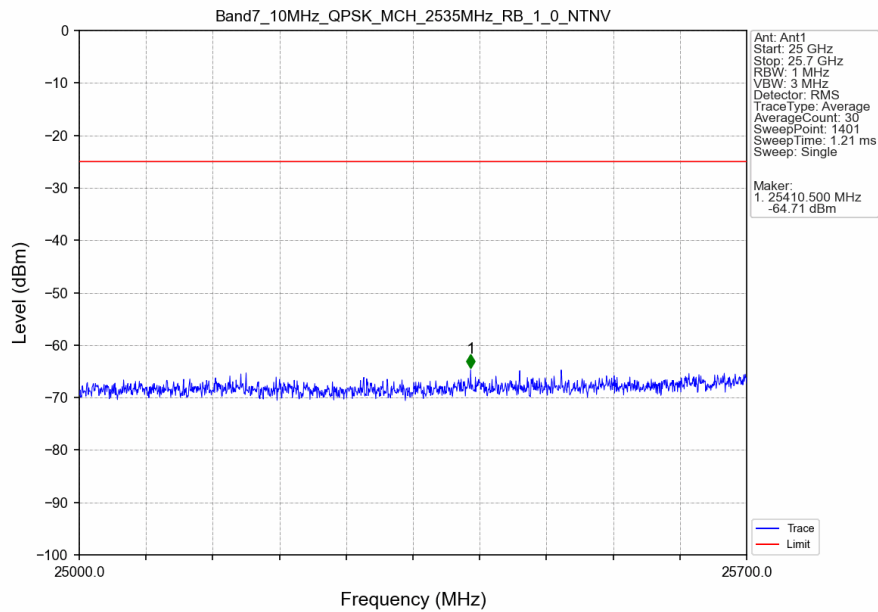
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



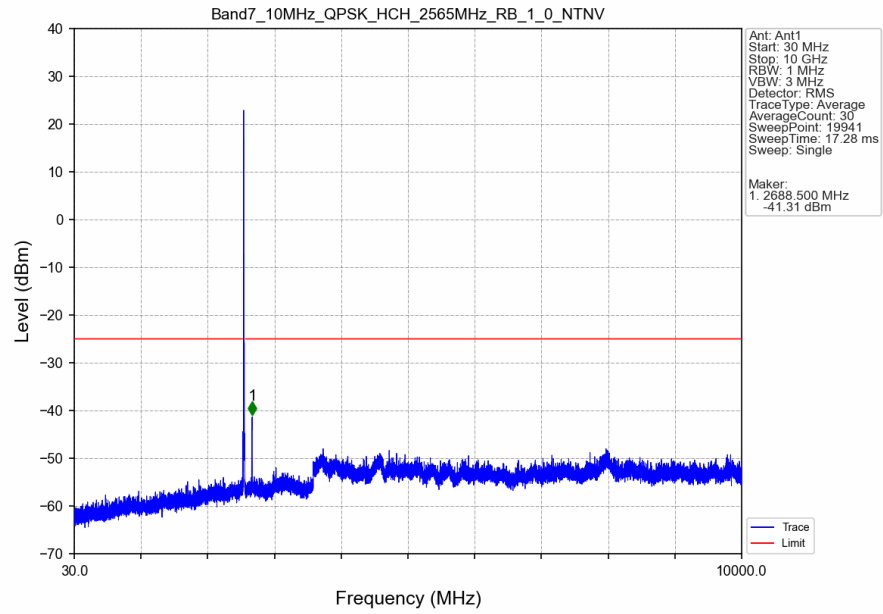
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



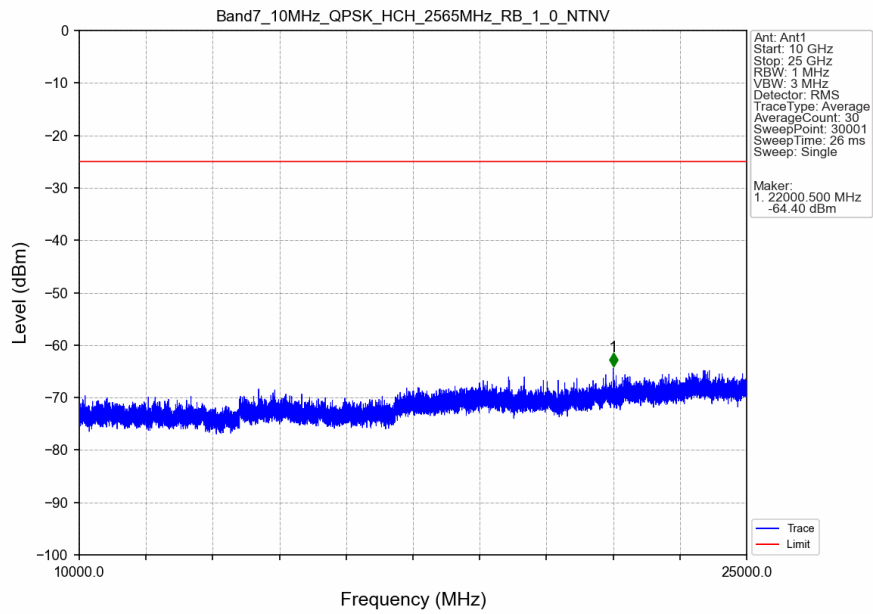
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



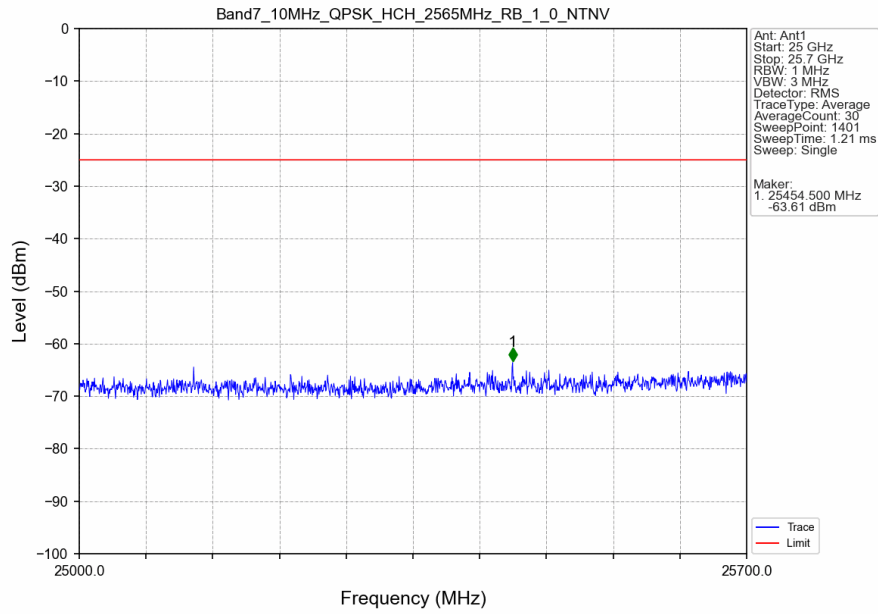
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



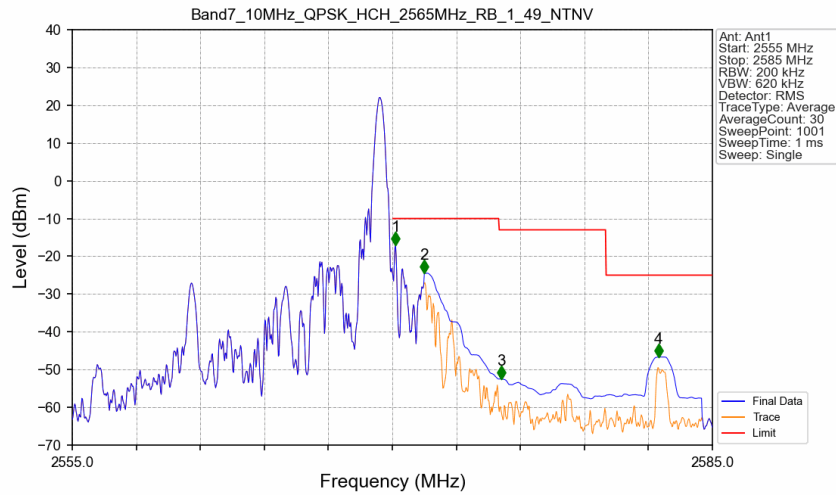
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

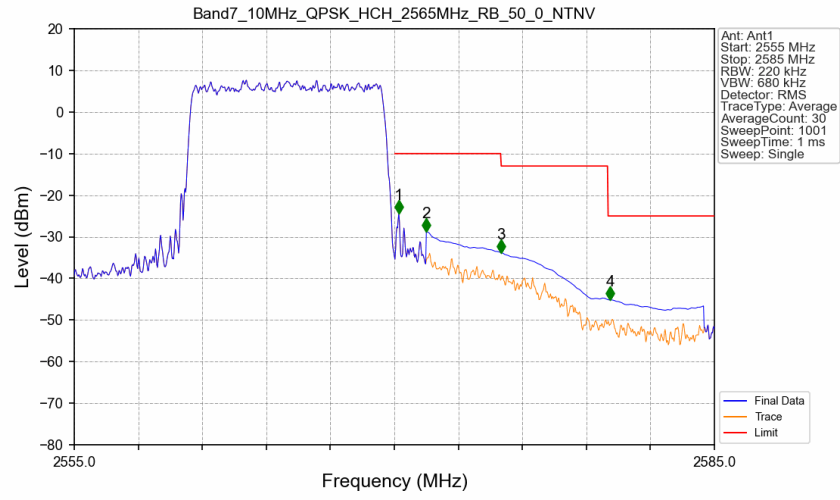


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



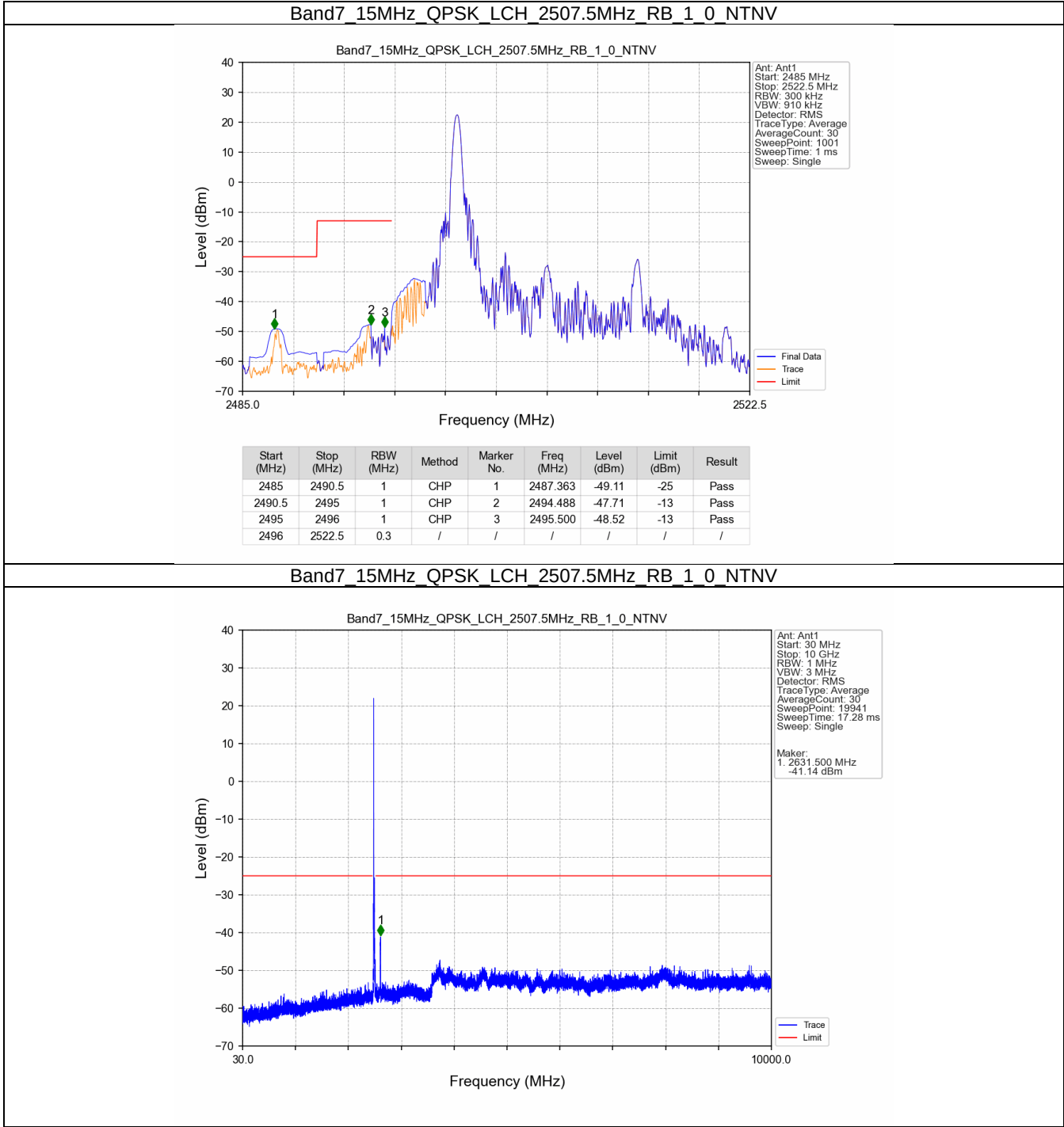
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.2	/	/	/	/	/	/
2570	2571	0.2	/	1	2570.150	-16.98	-10	Pass
2571	2575	1	CHP	2	2571.500	-24.48	-10	Pass
2575	2580	1	CHP	3	2575.100	-52.43	-13	Pass
2580	2585	1	CHP	4	2582.480	-46.67	-25	Pass

Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN

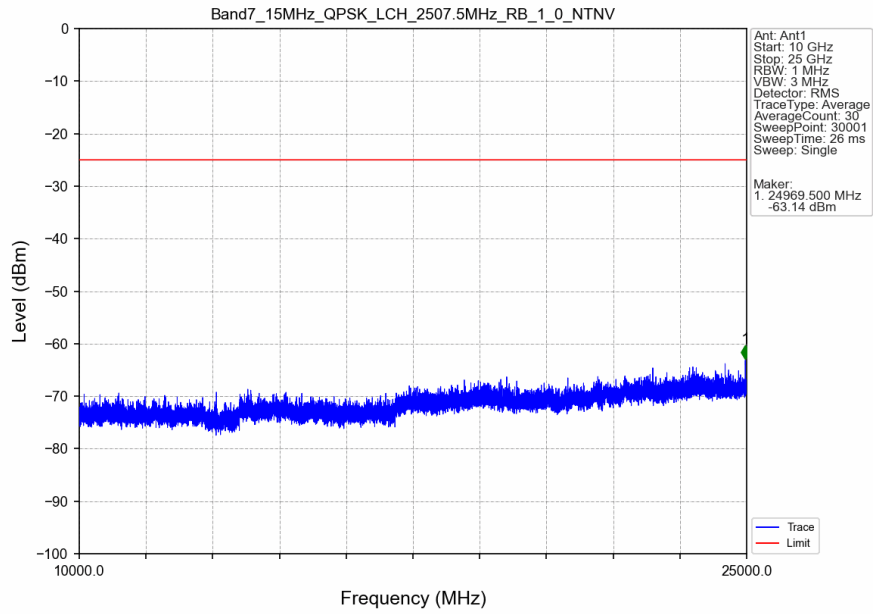


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.22	/	/	/	/	/	/
2570	2571	0.22	/	1	2570.210	-24.40	-10	Pass
2571	2575	1	CHP	2	2571.500	-28.78	-10	Pass
2575	2580	1	CHP	3	2575.010	-33.80	-13	Pass
2580	2585	1	CHP	4	2580.110	-45.14	-25	Pass

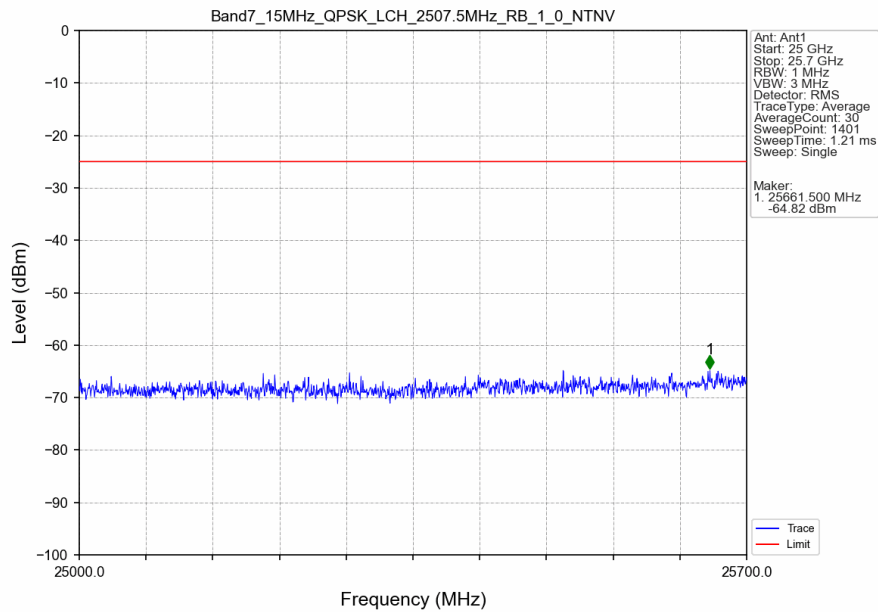
5.2.3 B7_15MHz



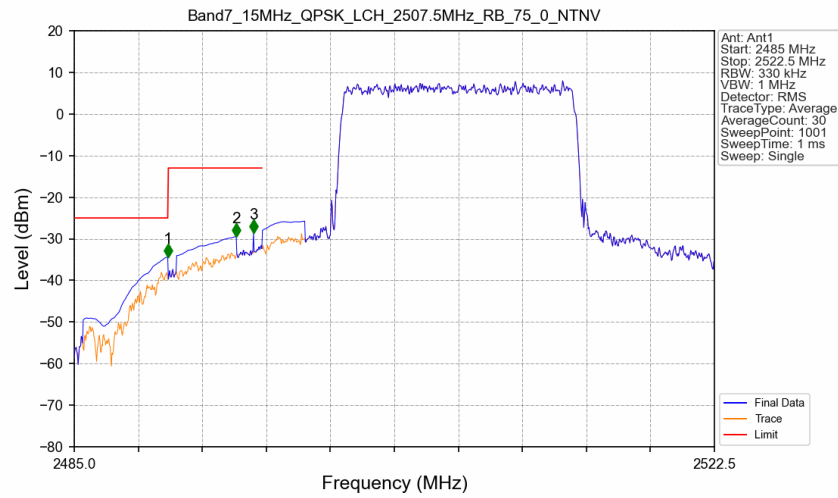
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



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	2490.475	-34.35	-25	Pass
2490.5	2495	1	CHP	2	2494.488	-29.47	-13	Pass
2495	2496	1	CHP	3	2495.500	-28.57	-13	Pass
2496	2522.5	0.33	/	/	/	/	/	/

Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV

