

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	21.53	-1.55	19.98	<=33.01	Pass
			13	21.56	-1.55	20.01	<=33.01	Pass
			24	21.56	-1.55	20.01	<=33.01	Pass
		12	0	20.48	-1.55	18.93	<=33.01	Pass
			6	20.48	-1.55	18.93	<=33.01	Pass
			13	20.49	-1.55	18.94	<=33.01	Pass
		25	0	20.53	-1.55	18.98	<=33.01	Pass
	2535	1	0	21.36	-1.55	19.81	<=33.01	Pass
			13	21.36	-1.55	19.81	<=33.01	Pass
			24	21.35	-1.55	19.80	<=33.01	Pass
		12	0	20.31	-1.55	18.76	<=33.01	Pass
			6	20.27	-1.55	18.72	<=33.01	Pass
			13	20.27	-1.55	18.72	<=33.01	Pass
		25	0	20.30	-1.55	18.75	<=33.01	Pass
	2567.5	1	0	22.21	-1.55	20.66	<=33.01	Pass
			13	22.31	-1.55	20.76	<=33.01	Pass
			24	22.42	-1.55	20.87	<=33.01	Pass
		12	0	21.16	-1.55	19.61	<=33.01	Pass
			6	21.19	-1.55	19.64	<=33.01	Pass
			13	21.23	-1.55	19.68	<=33.01	Pass
		25	0	21.25	-1.55	19.70	<=33.01	Pass
16QAM	2502.5	1	0	20.32	-1.55	18.77	<=33.01	Pass
			13	20.33	-1.55	18.78	<=33.01	Pass
			24	20.36	-1.55	18.81	<=33.01	Pass
		12	0	19.59	-1.55	18.04	<=33.01	Pass
			6	19.56	-1.55	18.01	<=33.01	Pass
			13	19.56	-1.55	18.01	<=33.01	Pass
		25	0	19.58	-1.55	18.03	<=33.01	Pass
	2535	1	0	20.43	-1.55	18.88	<=33.01	Pass
			13	20.41	-1.55	18.86	<=33.01	Pass
			24	20.37	-1.55	18.82	<=33.01	Pass
		12	0	19.33	-1.55	17.78	<=33.01	Pass
			6	19.28	-1.55	17.73	<=33.01	Pass
			13	19.28	-1.55	17.73	<=33.01	Pass
		25	0	19.31	-1.55	17.76	<=33.01	Pass
	2567.5	1	0	21.02	-1.55	19.47	<=33.01	Pass
			13	21.07	-1.55	19.52	<=33.01	Pass
			24	21.16	-1.55	19.61	<=33.01	Pass
		12	0	20.23	-1.55	18.68	<=33.01	Pass
			6	20.25	-1.55	18.70	<=33.01	Pass
			13	20.30	-1.55	18.75	<=33.01	Pass
		25	0	20.28	-1.55	18.73	<=33.01	Pass
64QAM	2502.5	1	0	19.84	-1.55	18.29	<=33.01	Pass
			13	19.88	-1.55	18.33	<=33.01	Pass
			24	19.88	-1.55	18.33	<=33.01	Pass
		12	0	18.49	-1.55	16.94	<=33.01	Pass
			6	18.50	-1.55	16.95	<=33.01	Pass
			13	18.48	-1.55	16.93	<=33.01	Pass
		25	0	18.52	-1.55	16.97	<=33.01	Pass

	2535	1	0	19.55	-1.55	18.00	<=33.01	Pass	
			13	19.52	-1.55	17.97	<=33.01	Pass	
			24	19.52	-1.55	17.97	<=33.01	Pass	
		12	0	18.42	-1.55	16.87	<=33.01	Pass	
			6	18.39	-1.55	16.84	<=33.01	Pass	
			13	18.36	-1.55	16.81	<=33.01	Pass	
		25	0	18.34	-1.55	16.79	<=33.01	Pass	
		2567.5	1	0	20.09	-1.55	18.54	<=33.01	Pass
				13	20.12	-1.55	18.57	<=33.01	Pass
	24			20.20	-1.55	18.65	<=33.01	Pass	
	12		0	19.26	-1.55	17.71	<=33.01	Pass	
			6	19.28	-1.55	17.73	<=33.01	Pass	
			13	19.34	-1.55	17.79	<=33.01	Pass	
	25		0	19.26	-1.55	17.71	<=33.01	Pass	
256QAM	2502.5	1	0	16.69	-1.55	15.14	<=33.01	Pass	
			13	16.70	-1.55	15.15	<=33.01	Pass	
			24	16.74	-1.55	15.19	<=33.01	Pass	
		12	0	16.59	-1.55	15.04	<=33.01	Pass	
			6	16.58	-1.55	15.03	<=33.01	Pass	
			13	16.57	-1.55	15.02	<=33.01	Pass	
		25	0	16.55	-1.55	15.00	<=33.01	Pass	
	2535	1	0	16.37	-1.55	14.82	<=33.01	Pass	
			13	16.31	-1.55	14.76	<=33.01	Pass	
			24	16.29	-1.55	14.74	<=33.01	Pass	
		12	0	16.33	-1.55	14.78	<=33.01	Pass	
			6	16.28	-1.55	14.73	<=33.01	Pass	
			13	16.27	-1.55	14.72	<=33.01	Pass	
		25	0	16.31	-1.55	14.76	<=33.01	Pass	
	2567.5	1	0	16.90	-1.55	15.35	<=33.01	Pass	
			13	16.97	-1.55	15.42	<=33.01	Pass	
			24	17.06	-1.55	15.51	<=33.01	Pass	
		12	0	17.27	-1.55	15.72	<=33.01	Pass	
			6	17.30	-1.55	15.75	<=33.01	Pass	
			13	17.34	-1.55	15.79	<=33.01	Pass	
		25	0	17.31	-1.55	15.76	<=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	21.72	-1.55	20.17	<=33.01	Pass
			25	21.65	-1.55	20.10	<=33.01	Pass
			49	21.67	-1.55	20.12	<=33.01	Pass
		25	0	20.71	-1.55	19.16	<=33.01	Pass
			13	20.66	-1.55	19.11	<=33.01	Pass
			25	20.66	-1.55	19.11	<=33.01	Pass
		50	0	20.67	-1.55	19.12	<=33.01	Pass
	2535	1	0	21.47	-1.55	19.92	<=33.01	Pass
			25	21.34	-1.55	19.79	<=33.01	Pass
			49	21.37	-1.55	19.82	<=33.01	Pass
		25	0	20.41	-1.55	18.86	<=33.01	Pass
			13	20.38	-1.55	18.83	<=33.01	Pass
			25	20.37	-1.55	18.82	<=33.01	Pass
		50	0	20.42	-1.55	18.87	<=33.01	Pass
	2565	1	0	22.19	-1.55	20.64	<=33.01	Pass

			25	22.16	-1.55	20.61	<=33.01	Pass	
			49	22.39	-1.55	20.84	<=33.01	Pass	
			0	21.22	-1.55	19.67	<=33.01	Pass	
		25	13	21.26	-1.55	19.71	<=33.01	Pass	
			25	21.35	-1.55	19.80	<=33.01	Pass	
			50	0	21.29	-1.55	19.74	<=33.01	Pass
16QAM	2505	1	0	21.21	-1.55	19.66	<=33.01	Pass	
			25	21.17	-1.55	19.62	<=33.01	Pass	
			49	21.21	-1.55	19.66	<=33.01	Pass	
		25	0	19.76	-1.55	18.21	<=33.01	Pass	
			13	19.70	-1.55	18.15	<=33.01	Pass	
			25	19.69	-1.55	18.14	<=33.01	Pass	
		50	0	19.68	-1.55	18.13	<=33.01	Pass	
		2535	1	0	20.70	-1.55	19.15	<=33.01	Pass
				25	20.55	-1.55	19.00	<=33.01	Pass
				49	20.57	-1.55	19.02	<=33.01	Pass
	25		0	19.43	-1.55	17.88	<=33.01	Pass	
			13	19.39	-1.55	17.84	<=33.01	Pass	
			25	19.38	-1.55	17.83	<=33.01	Pass	
	50		0	19.41	-1.55	17.86	<=33.01	Pass	
	2565	1	0	21.25	-1.55	19.70	<=33.01	Pass	
			25	21.23	-1.55	19.68	<=33.01	Pass	
			49	21.46	-1.55	19.91	<=33.01	Pass	
		25	0	20.31	-1.55	18.76	<=33.01	Pass	
			13	20.35	-1.55	18.80	<=33.01	Pass	
			25	20.44	-1.55	18.89	<=33.01	Pass	
		50	0	20.31	-1.55	18.76	<=33.01	Pass	
	64QAM	2505	1	0	19.98	-1.55	18.43	<=33.01	Pass
				25	19.91	-1.55	18.36	<=33.01	Pass
49				19.95	-1.55	18.40	<=33.01	Pass	
25			0	18.71	-1.55	17.16	<=33.01	Pass	
			13	18.67	-1.55	17.12	<=33.01	Pass	
			25	18.65	-1.55	17.10	<=33.01	Pass	
50			0	18.65	-1.55	17.10	<=33.01	Pass	
2535			1	0	19.68	-1.55	18.13	<=33.01	Pass
				25	19.55	-1.55	18.00	<=33.01	Pass
		49		19.58	-1.55	18.03	<=33.01	Pass	
		25	0	18.47	-1.55	16.92	<=33.01	Pass	
			13	18.43	-1.55	16.88	<=33.01	Pass	
			25	18.44	-1.55	16.89	<=33.01	Pass	
50		0	18.41	-1.55	16.86	<=33.01	Pass		
2565		1	0	20.42	-1.55	18.87	<=33.01	Pass	
			25	20.40	-1.55	18.85	<=33.01	Pass	
			49	20.57	-1.55	19.02	<=33.01	Pass	
		25	0	19.29	-1.55	17.74	<=33.01	Pass	
			13	19.32	-1.55	17.77	<=33.01	Pass	
			25	19.42	-1.55	17.87	<=33.01	Pass	
		50	0	19.28	-1.55	17.73	<=33.01	Pass	
		256QAM	2505	1	0	17.10	-1.55	15.55	<=33.01
25					17.04	-1.55	15.49	<=33.01	Pass
49	17.08				-1.55	15.53	<=33.01	Pass	
25	0			16.73	-1.55	15.18	<=33.01	Pass	
	13			16.66	-1.55	15.11	<=33.01	Pass	
	25			16.65	-1.55	15.10	<=33.01	Pass	
50	0			16.67	-1.55	15.12	<=33.01	Pass	
2535	1			0	16.30	-1.55	14.75	<=33.01	Pass
				25	16.16	-1.55	14.61	<=33.01	Pass
			49	16.18	-1.55	14.63	<=33.01	Pass	
25	0		16.43	-1.55	14.88	<=33.01	Pass		

			13	16.38	-1.55	14.83	<=33.01	Pass
			25	16.40	-1.55	14.85	<=33.01	Pass
		50	0	16.38	-1.55	14.83	<=33.01	Pass
	2565	1	0	17.31	-1.55	15.76	<=33.01	Pass
			25	17.30	-1.55	15.75	<=33.01	Pass
			49	17.51	-1.55	15.96	<=33.01	Pass
		25	0	17.29	-1.55	15.74	<=33.01	Pass
			13	17.31	-1.55	15.76	<=33.01	Pass
			25	17.41	-1.55	15.86	<=33.01	Pass
		50	0	17.30	-1.55	15.75	<=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	21.69	-1.55	20.14	<=33.01	Pass
			38	21.66	-1.55	20.11	<=33.01	Pass
			74	21.59	-1.55	20.04	<=33.01	Pass
		36	0	20.69	-1.55	19.14	<=33.01	Pass
			18	20.65	-1.55	19.10	<=33.01	Pass
			39	20.62	-1.55	19.07	<=33.01	Pass
		75	0	20.65	-1.55	19.10	<=33.01	Pass
	2535	1	0	21.49	-1.55	19.94	<=33.01	Pass
			38	21.43	-1.55	19.88	<=33.01	Pass
			74	21.37	-1.55	19.82	<=33.01	Pass
		36	0	20.43	-1.55	18.88	<=33.01	Pass
			18	20.41	-1.55	18.86	<=33.01	Pass
			39	20.34	-1.55	18.79	<=33.01	Pass
		75	0	20.41	-1.55	18.86	<=33.01	Pass
	2562.5	1	0	21.92	-1.55	20.37	<=33.01	Pass
			38	22.15	-1.55	20.60	<=33.01	Pass
			74	22.31	-1.55	20.76	<=33.01	Pass
		36	0	21.08	-1.55	19.53	<=33.01	Pass
			18	21.18	-1.55	19.63	<=33.01	Pass
			39	21.24	-1.55	19.69	<=33.01	Pass
		75	0	21.18	-1.55	19.63	<=33.01	Pass
16QAM	2507.5	1	0	21.20	-1.55	19.65	<=33.01	Pass
			38	21.21	-1.55	19.66	<=33.01	Pass
			74	21.15	-1.55	19.60	<=33.01	Pass
		36	0	19.74	-1.55	18.19	<=33.01	Pass
			18	19.70	-1.55	18.15	<=33.01	Pass
			39	19.65	-1.55	18.10	<=33.01	Pass
		75	0	19.67	-1.55	18.12	<=33.01	Pass
	2535	1	0	20.68	-1.55	19.13	<=33.01	Pass
			38	20.63	-1.55	19.08	<=33.01	Pass
			74	20.56	-1.55	19.01	<=33.01	Pass
		36	0	19.44	-1.55	17.89	<=33.01	Pass
			18	19.45	-1.55	17.90	<=33.01	Pass
			39	19.37	-1.55	17.82	<=33.01	Pass
		75	0	19.45	-1.55	17.90	<=33.01	Pass
	2562.5	1	0	21.30	-1.55	19.75	<=33.01	Pass
			38	21.51	-1.55	19.96	<=33.01	Pass
			74	21.61	-1.55	20.06	<=33.01	Pass
		36	0	20.08	-1.55	18.53	<=33.01	Pass
			18	20.18	-1.55	18.63	<=33.01	Pass

			39	20.27	-1.55	18.72	<=33.01	Pass	
		75	0	20.22	-1.55	18.67	<=33.01	Pass	
64QAM	2507.5	1	0	19.98	-1.55	18.43	<=33.01	Pass	
			38	19.96	-1.55	18.41	<=33.01	Pass	
			74	19.86	-1.55	18.31	<=33.01	Pass	
			0	18.73	-1.55	17.18	<=33.01	Pass	
		36	18	18.69	-1.55	17.14	<=33.01	Pass	
			39	18.65	-1.55	17.10	<=33.01	Pass	
			75	0	18.68	-1.55	17.13	<=33.01	Pass
		2535	1	0	19.69	-1.55	18.14	<=33.01	Pass
				38	19.62	-1.55	18.07	<=33.01	Pass
				74	19.56	-1.55	18.01	<=33.01	Pass
	0			18.49	-1.55	16.94	<=33.01	Pass	
	36		18	18.49	-1.55	16.94	<=33.01	Pass	
			39	18.42	-1.55	16.87	<=33.01	Pass	
			75	0	18.45	-1.55	16.90	<=33.01	Pass
	2562.5	1	0	20.52	-1.55	18.97	<=33.01	Pass	
			38	20.73	-1.55	19.18	<=33.01	Pass	
			74	20.87	-1.55	19.32	<=33.01	Pass	
			0	19.13	-1.55	17.58	<=33.01	Pass	
		36	18	19.20	-1.55	17.65	<=33.01	Pass	
			39	19.30	-1.55	17.75	<=33.01	Pass	
			75	0	19.26	-1.55	17.71	<=33.01	Pass
			256QAM	2507.5	1	0	17.09	-1.55	15.54
38		17.10				-1.55	15.55	<=33.01	Pass
74	17.03	-1.55				15.48	<=33.01	Pass	
36	0	16.73			-1.55	15.18	<=33.01	Pass	
	18	16.68			-1.55	15.13	<=33.01	Pass	
	39	16.63			-1.55	15.08	<=33.01	Pass	
75	0	16.67			-1.55	15.12	<=33.01	Pass	
2535	1	0		16.31	-1.55	14.76	<=33.01	Pass	
		38		16.23	-1.55	14.68	<=33.01	Pass	
		74		16.20	-1.55	14.65	<=33.01	Pass	
	36	0		16.41	-1.55	14.86	<=33.01	Pass	
		18	16.40	-1.55	14.85	<=33.01	Pass		
		39	16.37	-1.55	14.82	<=33.01	Pass		
2562.5	1	0	17.28	-1.55	15.73	<=33.01	Pass		
		38	17.50	-1.55	15.95	<=33.01	Pass		
		74	17.64	-1.55	16.09	<=33.01	Pass		
	36	0	17.05	-1.55	15.50	<=33.01	Pass		
		18	17.14	-1.55	15.59	<=33.01	Pass		
		39	17.24	-1.55	15.69	<=33.01	Pass		
	75	0	17.20	-1.55	15.65	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	21.69	-1.55	20.14	<=33.01	Pass
			50	21.69	-1.55	20.14	<=33.01	Pass
			99	21.66	-1.55	20.11	<=33.01	Pass
		50	0	20.77	-1.55	19.22	<=33.01	Pass
			25	20.72	-1.55	19.17	<=33.01	Pass
			50	20.67	-1.55	19.12	<=33.01	Pass

		100	0	20.72	-1.55	19.17	<=33.01	Pass
		2535	1	0	21.58	-1.55	20.03	<=33.01
				50	21.44	-1.55	19.89	<=33.01
				99	21.43	-1.55	19.88	<=33.01
			50	0	20.52	-1.55	18.97	<=33.01
				25	20.52	-1.55	18.97	<=33.01
				50	20.45	-1.55	18.90	<=33.01
		100	0	20.50	-1.55	18.95	<=33.01	Pass
		2560	1	0	21.75	-1.55	20.20	<=33.01
				50	22.14	-1.55	20.59	<=33.01
				99	22.31	-1.55	20.76	<=33.01
			50	0	21.04	-1.55	19.49	<=33.01
				25	21.18	-1.55	19.63	<=33.01
				50	21.32	-1.55	19.77	<=33.01
		100	0	21.17	-1.55	19.62	<=33.01	Pass
16QAM	2510	1	0	20.96	-1.55	19.41	<=33.01	Pass
			50	20.97	-1.55	19.42	<=33.01	Pass
			99	20.93	-1.55	19.38	<=33.01	Pass
			0	19.78	-1.55	18.23	<=33.01	Pass
		50	25	19.72	-1.55	18.17	<=33.01	Pass
			50	19.65	-1.55	18.10	<=33.01	Pass
		100	0	19.72	-1.55	18.17	<=33.01	Pass
	2535	1	0	20.82	-1.55	19.27	<=33.01	Pass
			50	20.67	-1.55	19.12	<=33.01	Pass
			99	20.66	-1.55	19.11	<=33.01	Pass
		50	0	19.50	-1.55	17.95	<=33.01	Pass
			25	19.49	-1.55	17.94	<=33.01	Pass
			50	19.43	-1.55	17.88	<=33.01	Pass
		100	0	19.46	-1.55	17.91	<=33.01	Pass
	2560	1	0	21.38	-1.55	19.83	<=33.01	Pass
			50	21.77	-1.55	20.22	<=33.01	Pass
			99	21.91	-1.55	20.36	<=33.01	Pass
		50	0	20.03	-1.55	18.48	<=33.01	Pass
			25	20.16	-1.55	18.61	<=33.01	Pass
			50	20.31	-1.55	18.76	<=33.01	Pass
		100	0	20.16	-1.55	18.61	<=33.01	Pass
64QAM	2510	1	0	20.06	-1.55	18.51	<=33.01	Pass
			50	20.08	-1.55	18.53	<=33.01	Pass
			99	20.04	-1.55	18.49	<=33.01	Pass
		50	0	18.83	-1.55	17.28	<=33.01	Pass
			25	18.79	-1.55	17.24	<=33.01	Pass
			50	18.72	-1.55	17.17	<=33.01	Pass
		100	0	18.71	-1.55	17.16	<=33.01	Pass
	2535	1	0	20.23	-1.55	18.68	<=33.01	Pass
			50	20.09	-1.55	18.54	<=33.01	Pass
			99	20.08	-1.55	18.53	<=33.01	Pass
		50	0	18.51	-1.55	16.96	<=33.01	Pass
			25	18.50	-1.55	16.95	<=33.01	Pass
			50	18.45	-1.55	16.90	<=33.01	Pass
		100	0	18.46	-1.55	16.91	<=33.01	Pass
	2560	1	0	20.03	-1.55	18.48	<=33.01	Pass
			50	20.41	-1.55	18.86	<=33.01	Pass
			99	20.51	-1.55	18.96	<=33.01	Pass
		50	0	19.05	-1.55	17.50	<=33.01	Pass
			25	19.17	-1.55	17.62	<=33.01	Pass
			50	19.34	-1.55	17.79	<=33.01	Pass
		100	0	19.18	-1.55	17.63	<=33.01	Pass
256QAM	2510	1	0	16.93	-1.55	15.38	<=33.01	Pass
			50	16.91	-1.55	15.36	<=33.01	Pass

			99	16.87	-1.55	15.32	<=33.01	Pass
		50	0	16.75	-1.55	15.20	<=33.01	Pass
			25	16.70	-1.55	15.15	<=33.01	Pass
			50	16.61	-1.55	15.06	<=33.01	Pass
		100	0	16.66	-1.55	15.11	<=33.01	Pass
	2535	1	0	16.78	-1.55	15.23	<=33.01	Pass
			50	16.66	-1.55	15.11	<=33.01	Pass
			99	16.64	-1.55	15.09	<=33.01	Pass
		50	0	16.46	-1.55	14.91	<=33.01	Pass
			25	16.47	-1.55	14.92	<=33.01	Pass
			50	16.41	-1.55	14.86	<=33.01	Pass
		100	0	16.42	-1.55	14.87	<=33.01	Pass
	2560	1	0	16.75	-1.55	15.20	<=33.01	Pass
			50	17.12	-1.55	15.57	<=33.01	Pass
			99	17.28	-1.55	15.73	<=33.01	Pass
		50	0	17.03	-1.55	15.48	<=33.01	Pass
			25	17.18	-1.55	15.63	<=33.01	Pass
			50	17.34	-1.55	15.79	<=33.01	Pass
		100	0	17.15	-1.55	15.60	<=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	-9.707	-0.0038	-2.5 to 2.5	Pass
					NV	-5.558	-0.0022	-2.5 to 2.5	Pass
					HV	-3.521	-0.0014	-2.5 to 2.5	Pass
				-30	NV	-2.209	-0.0009	-2.5 to 2.5	Pass
				-20	NV	5.774	0.0023	-2.5 to 2.5	Pass
				-10	NV	-4.972	-0.0020	-2.5 to 2.5	Pass
				0	NV	2.035	0.0008	-2.5 to 2.5	Pass
				10	NV	-16.503	-0.0065	-2.5 to 2.5	Pass
				30	NV	-2.110	-0.0008	-2.5 to 2.5	Pass
				40	NV	11.524	0.0045	-2.5 to 2.5	Pass
				50	NV	-2.855	-0.0011	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

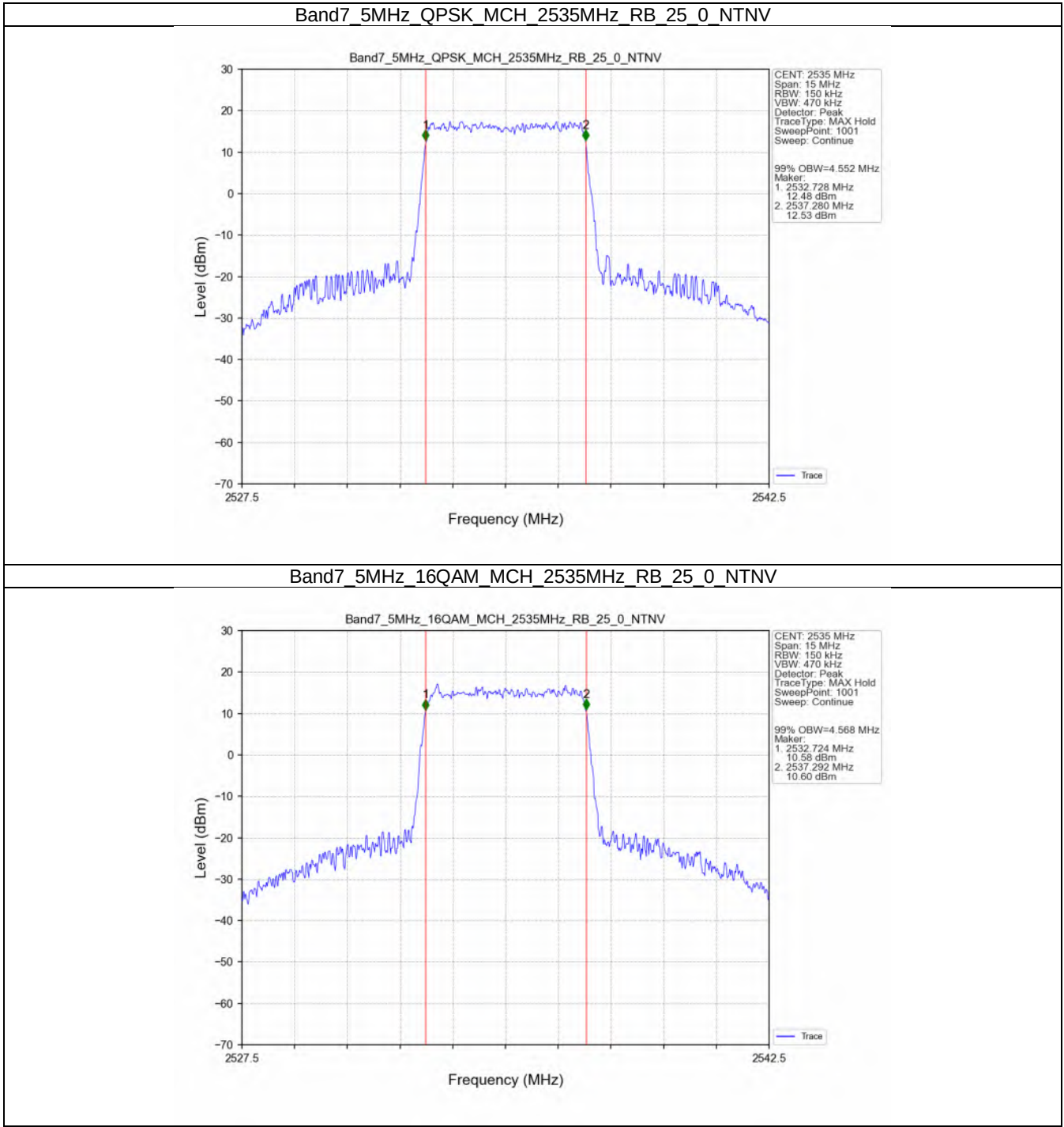
Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	4.552	/	Pass
	16QAM	2535	25	0	4.568	/	Pass
	64QAM	2535	25	0	4.546	/	Pass
	256QAM	2535	25	0	4.547	/	Pass
10	QPSK	2535	50	0	9.052	/	Pass
	16QAM	2535	50	0	9.070	/	Pass
	64QAM	2535	50	0	9.059	/	Pass
	256QAM	2535	50	0	9.047	/	Pass
15	QPSK	2535	75	0	13.560	/	Pass
	16QAM	2535	75	0	13.585	/	Pass
	64QAM	2535	75	0	13.552	/	Pass
	256QAM	2535	75	0	13.533	/	Pass
20	QPSK	2535	100	0	18.090	/	Pass
	16QAM	2535	100	0	18.097	/	Pass
	64QAM	2535	100	0	18.051	/	Pass
	256QAM	2535	100	0	18.094	/	Pass

3.1.2 Band7_XDB

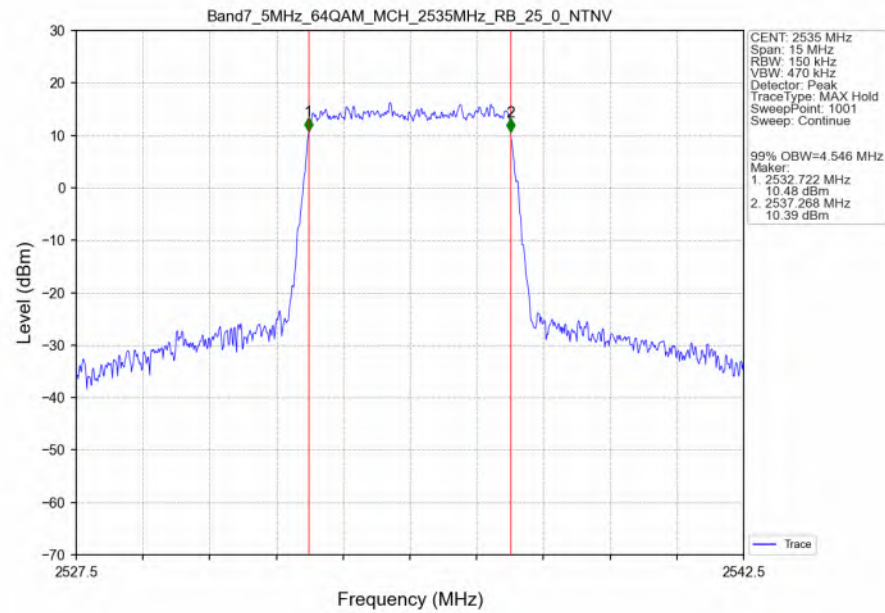
Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2535	25	0	5.072	/	Pass
	16QAM	2535	25	0	5.020	/	Pass
	64QAM	2535	25	0	5.054	/	Pass
	256QAM	2535	25	0	5.087	/	Pass
10	QPSK	2535	50	0	10.021	/	Pass
	16QAM	2535	50	0	9.959	/	Pass
	64QAM	2535	50	0	9.911	/	Pass
	256QAM	2535	50	0	9.905	/	Pass
15	QPSK	2535	75	0	15.003	/	Pass
	16QAM	2535	75	0	14.878	/	Pass
	64QAM	2535	75	0	14.952	/	Pass
	256QAM	2535	75	0	15.007	/	Pass
20	QPSK	2535	100	0	19.764	/	Pass
	16QAM	2535	100	0	19.619	/	Pass
	64QAM	2535	100	0	19.719	/	Pass
	256QAM	2535	100	0	19.797	/	Pass

3.2 Test Graph

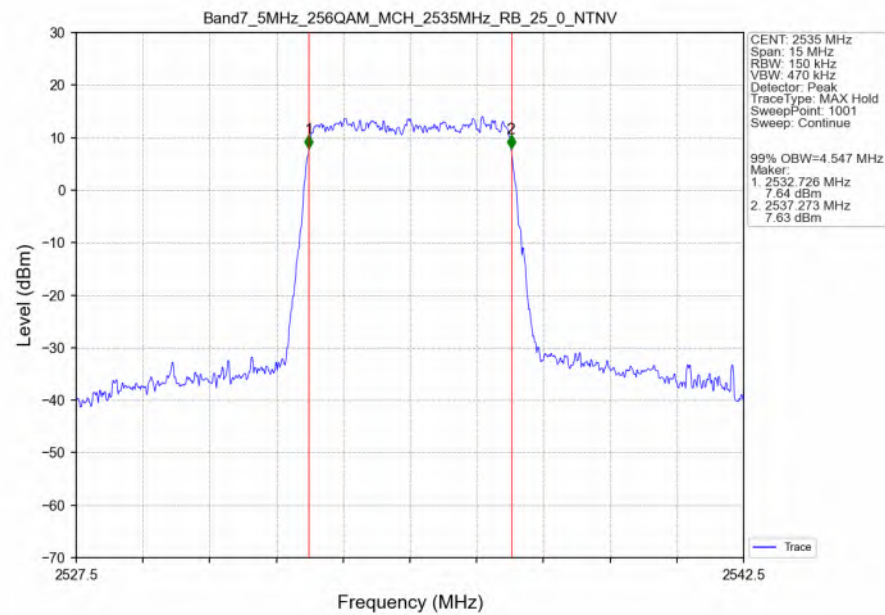
3.2.1 Band7_OBW



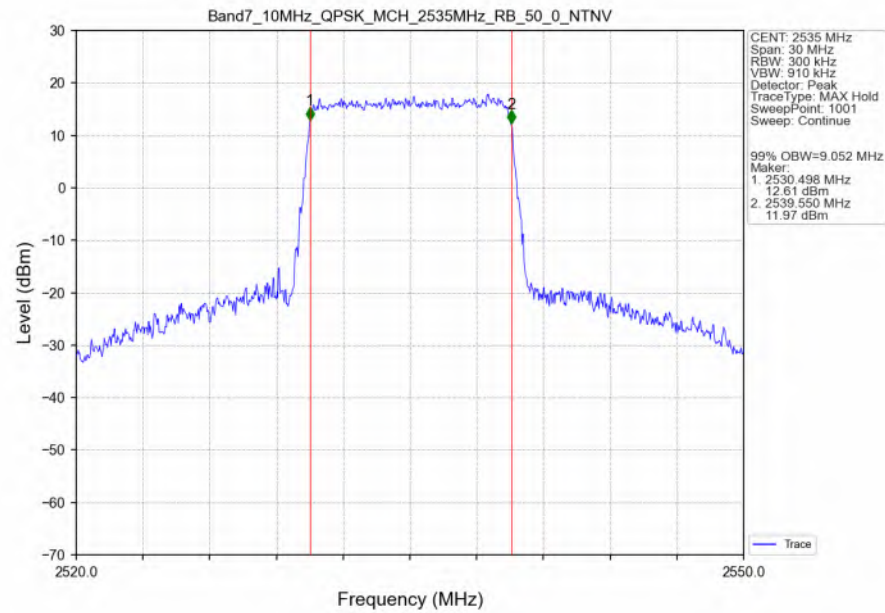
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTN



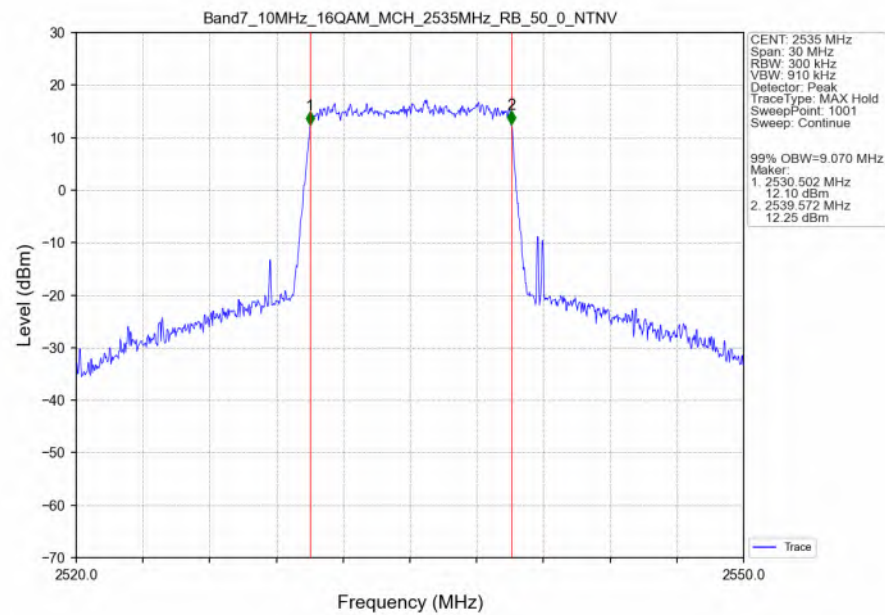
Band7 5MHz 256QAM MCH 2535MHz RB 25 0 NTN



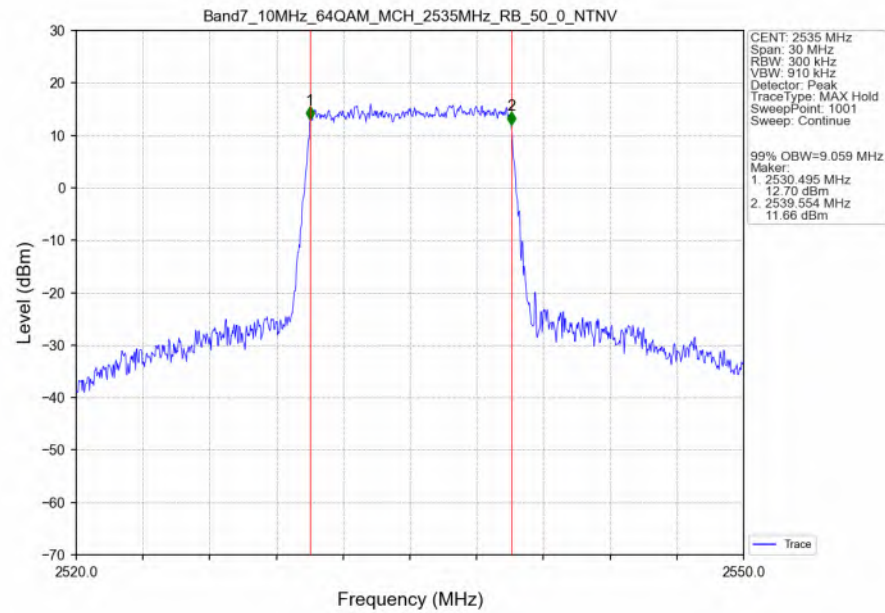
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTNV



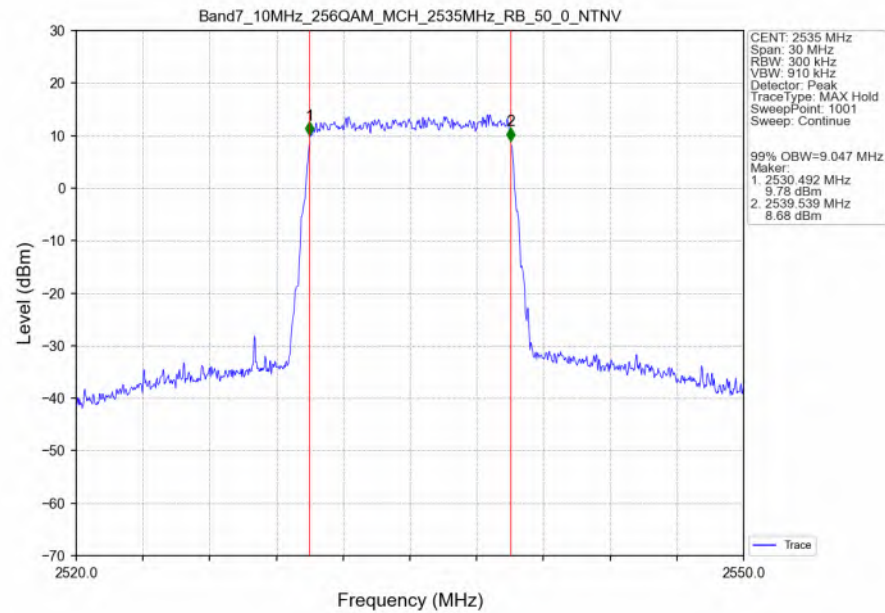
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTNV



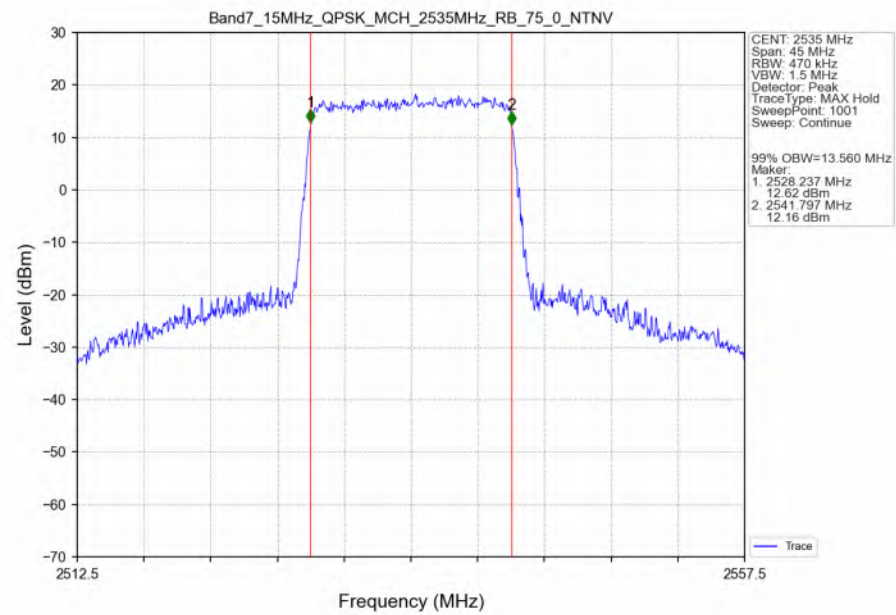
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



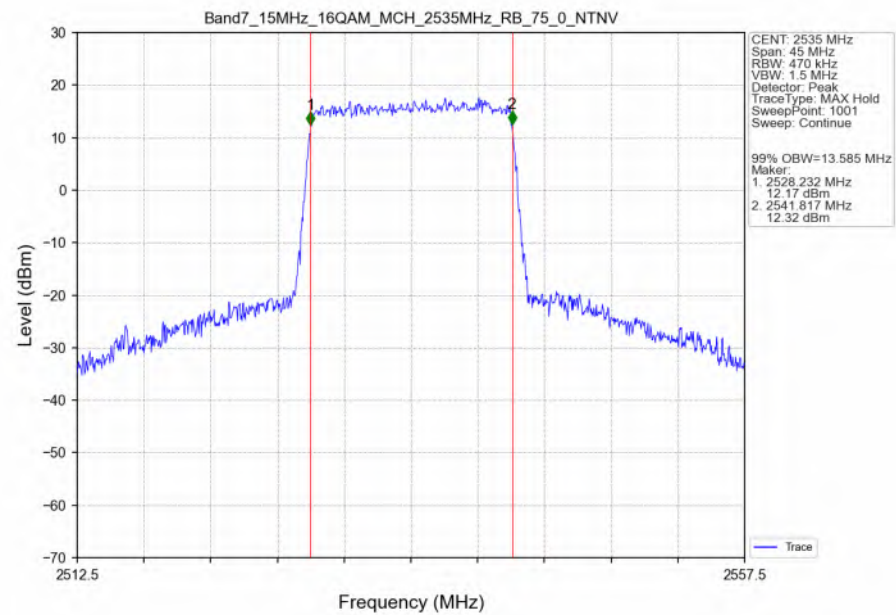
Band7_10MHz_256QAM_MCH_2535MHz_RB_50_0_NTNV



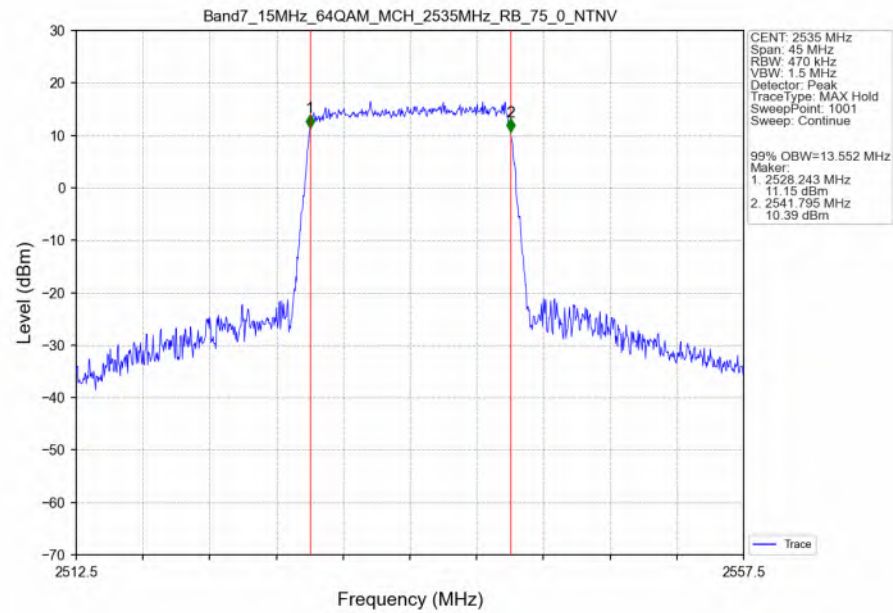
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTN



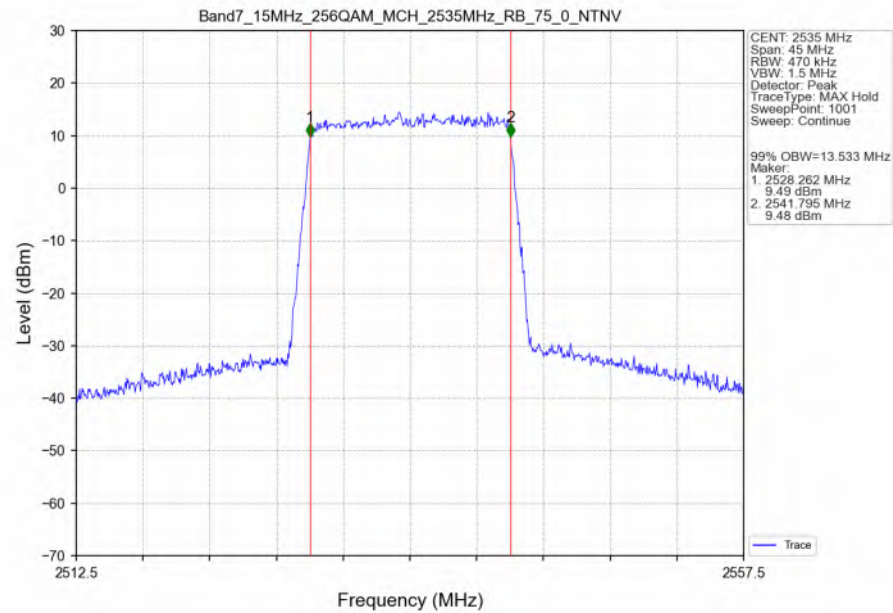
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTN



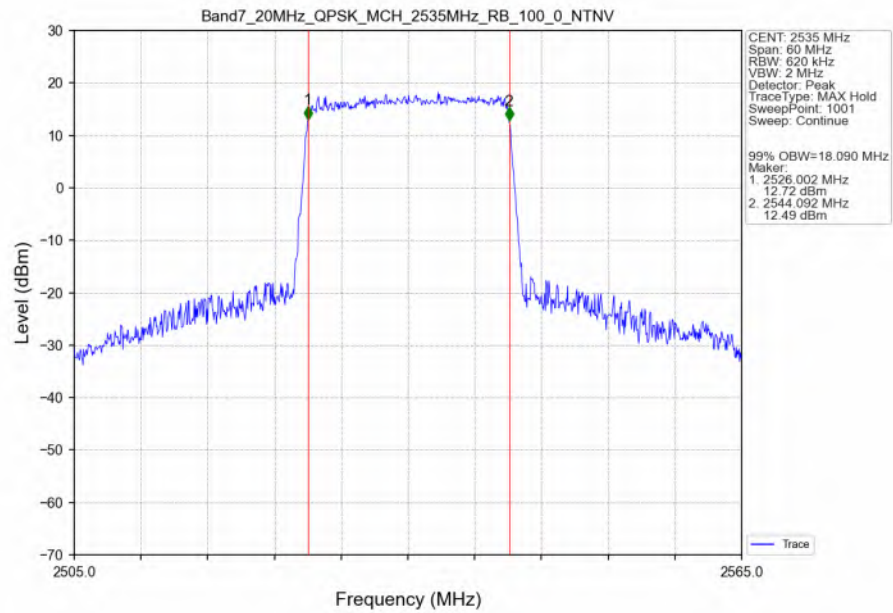
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



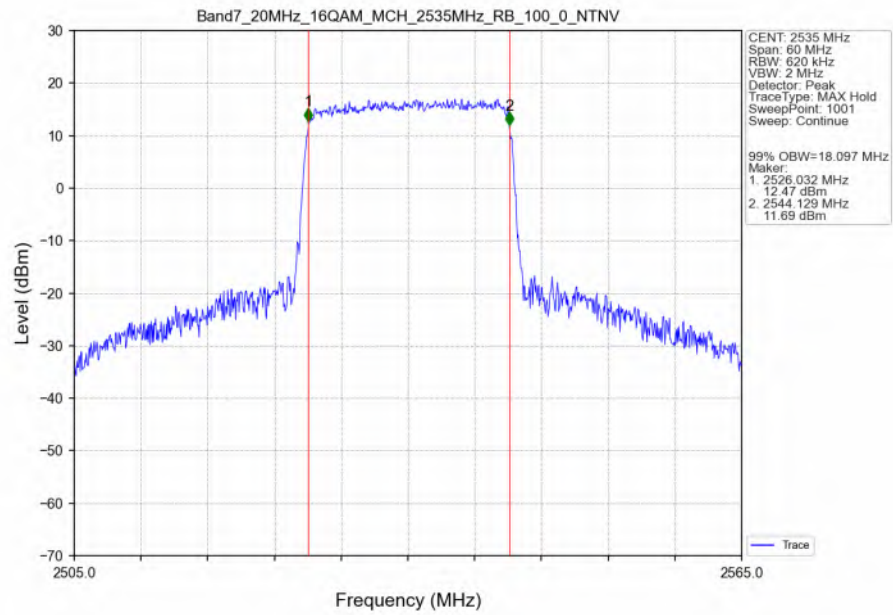
Band7_15MHz_256QAM_MCH_2535MHz_RB_75_0_NTNV



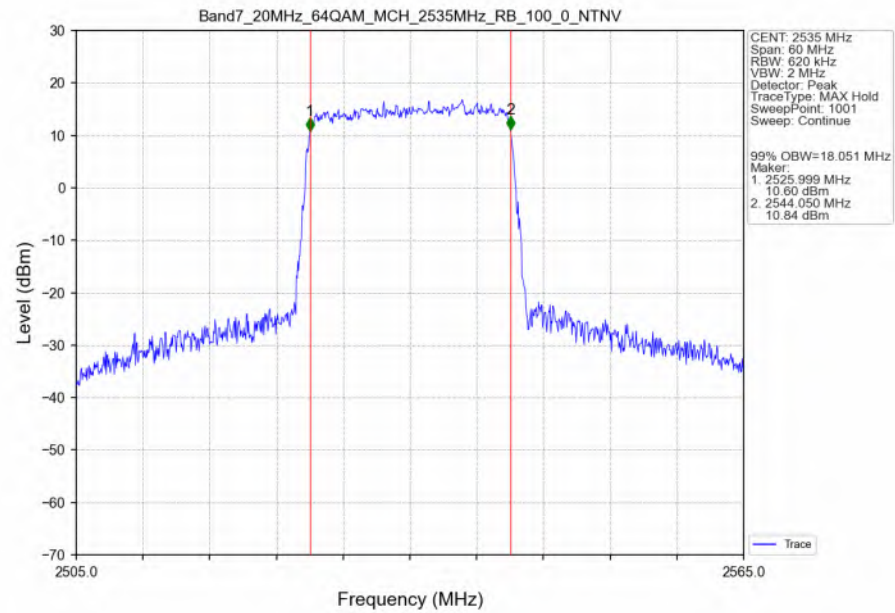
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



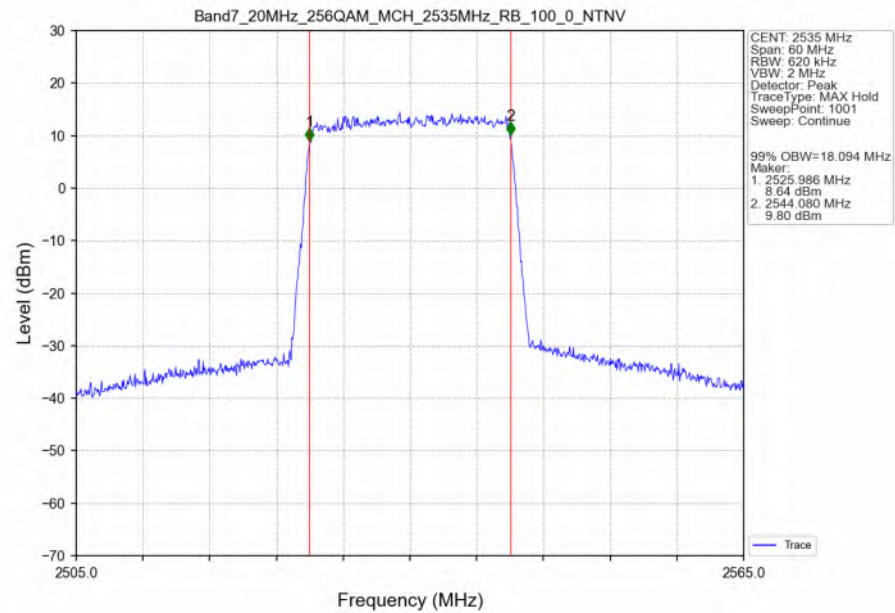
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



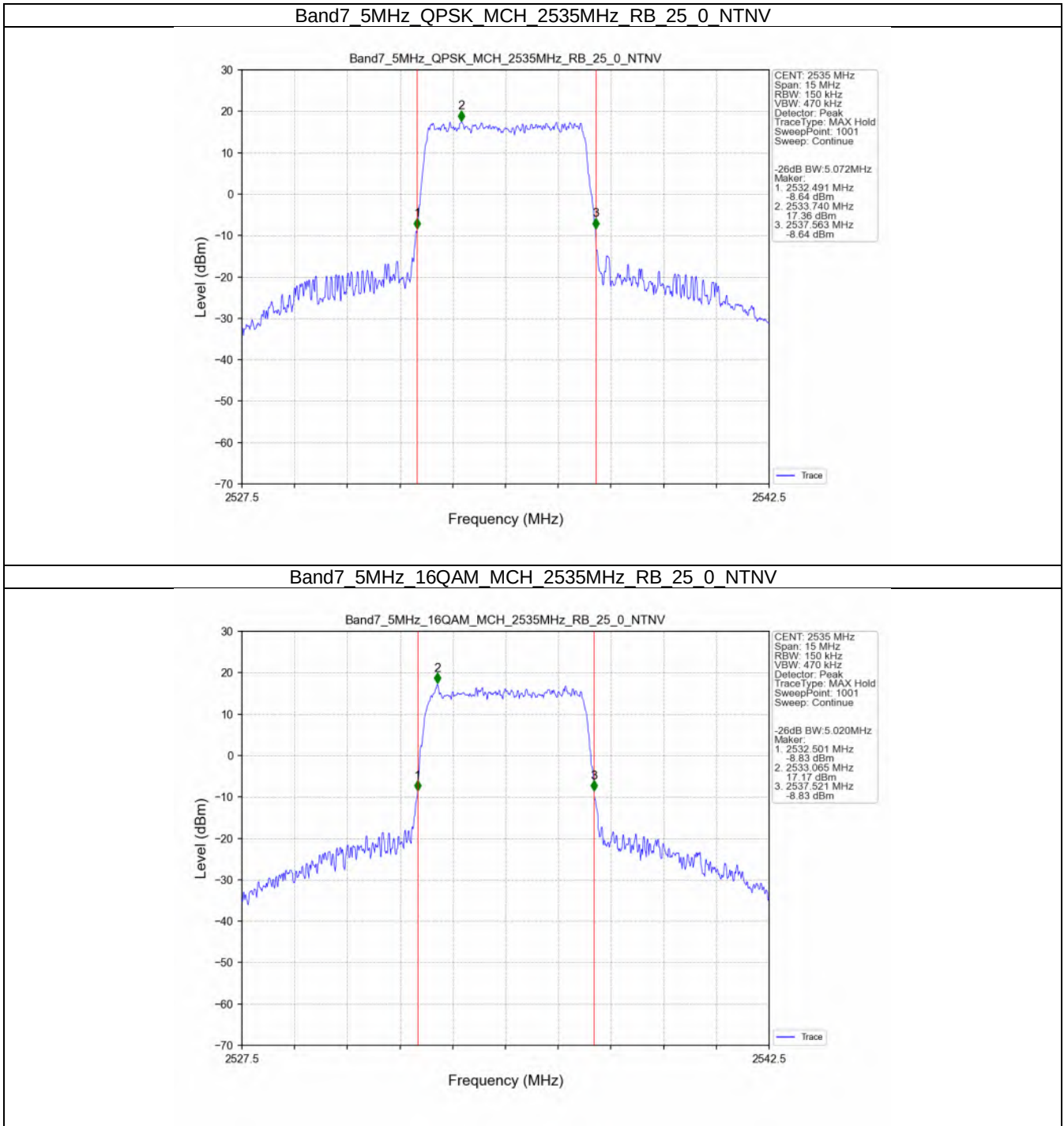
Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



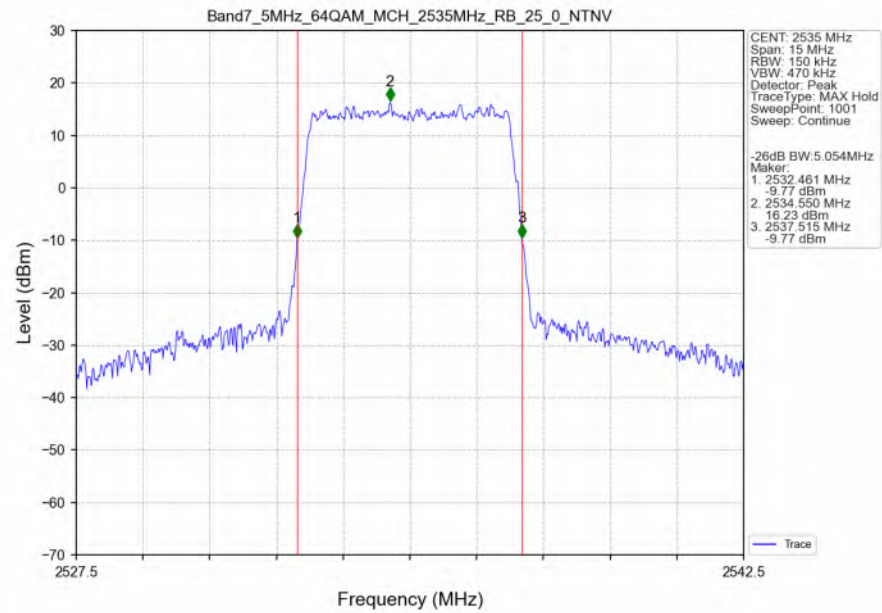
Band7 20MHz 256QAM MCH 2535MHz RB 100 0 NTNV



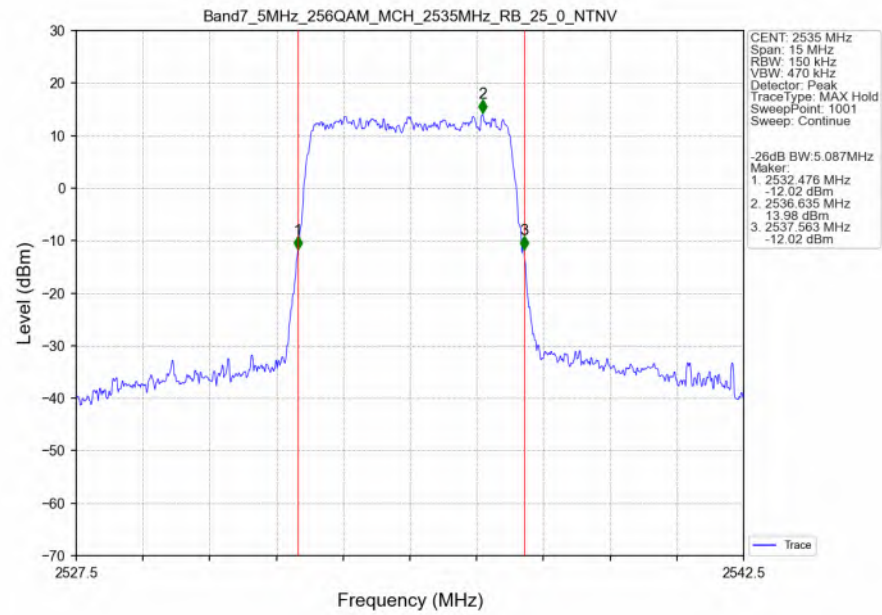
3.2.2 Band7_XDB



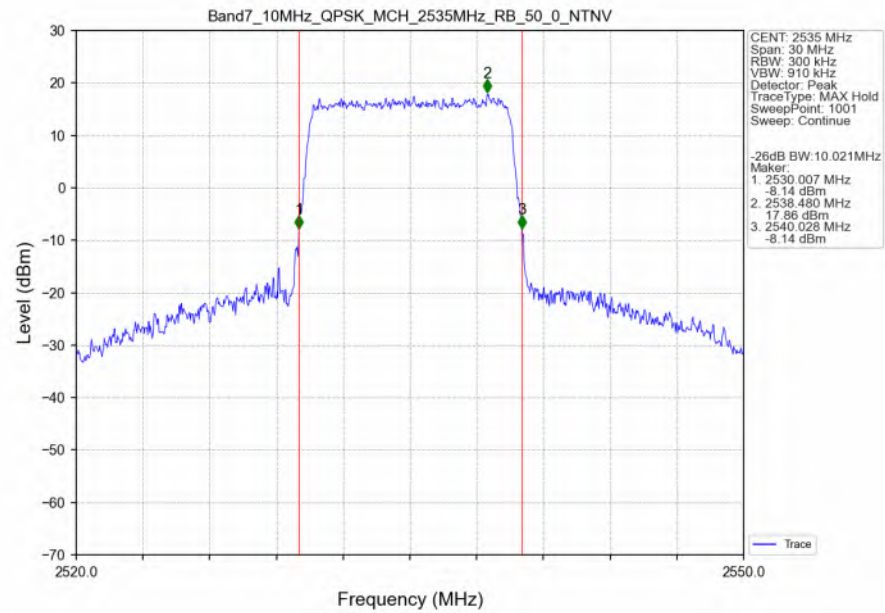
Band7 5MHz 64QAM MCH 2535MHz RB 25 0 NTV



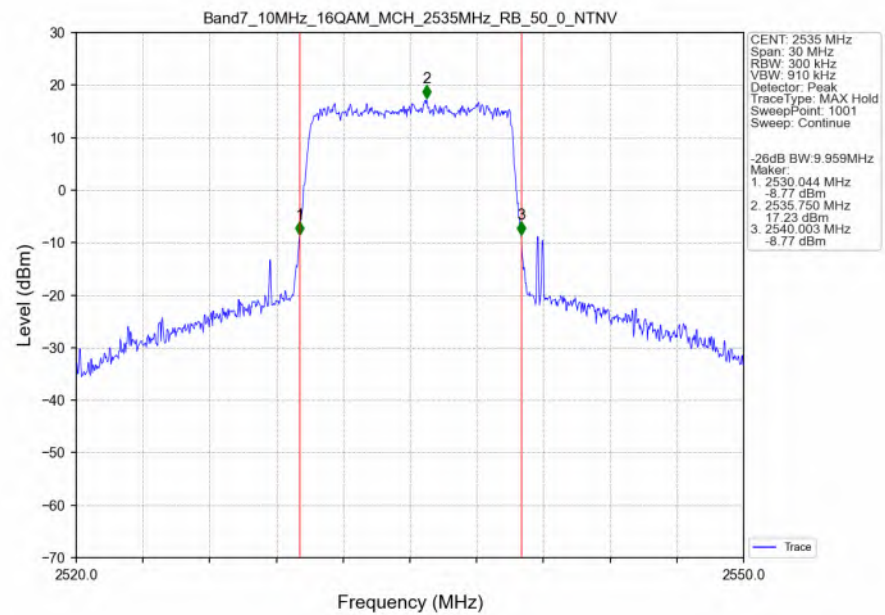
Band7 5MHz 256QAM MCH 2535MHz RB 25 0 NTV



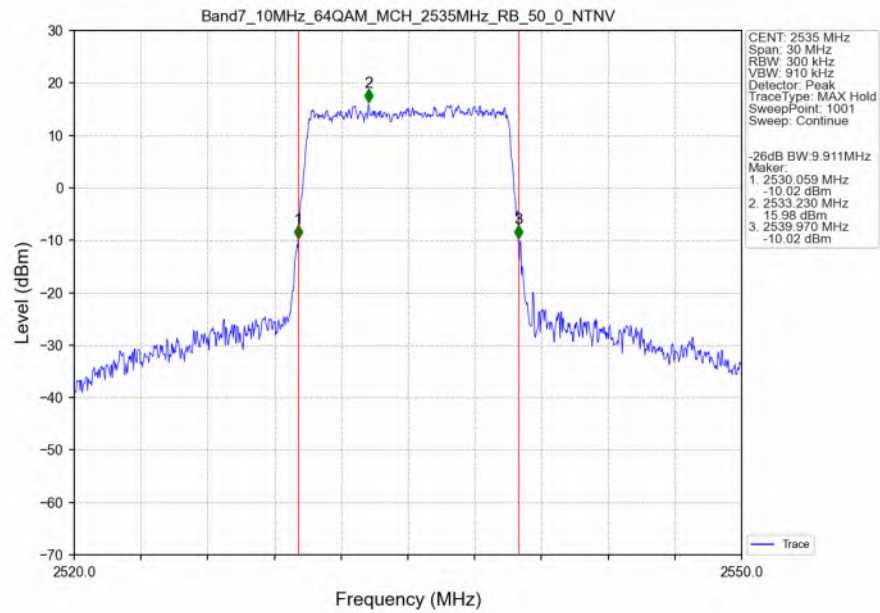
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTNV



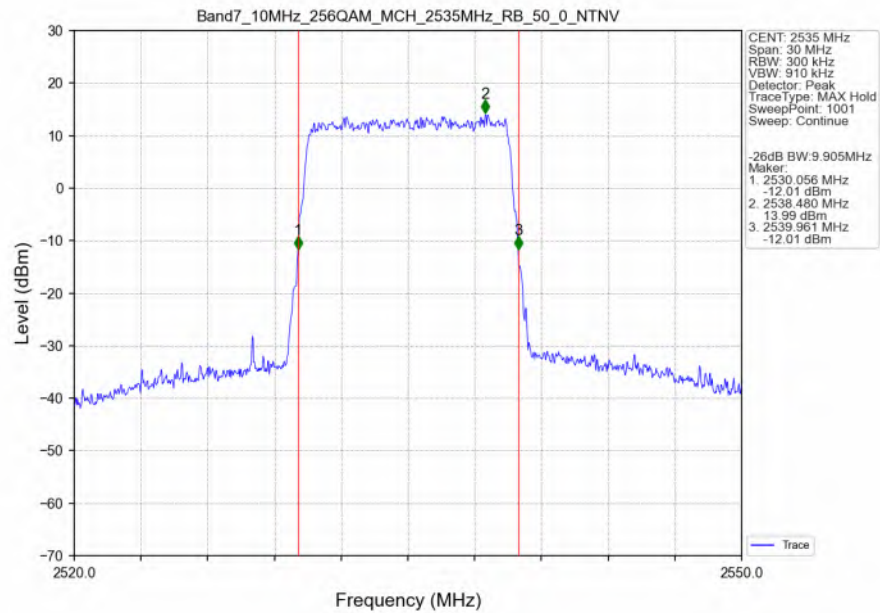
Band7 10MHz 16QAM MCH 2535MHz RB 50 0 NTNV



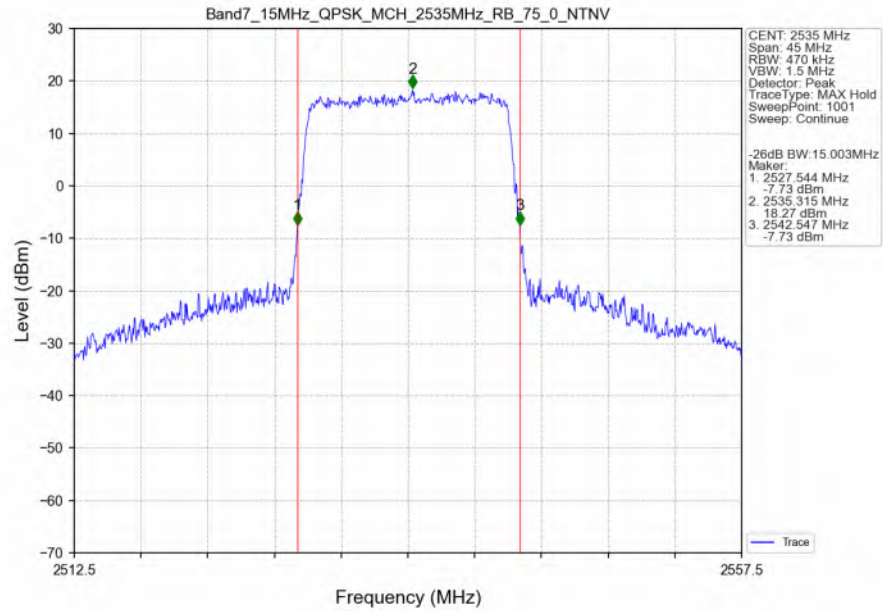
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



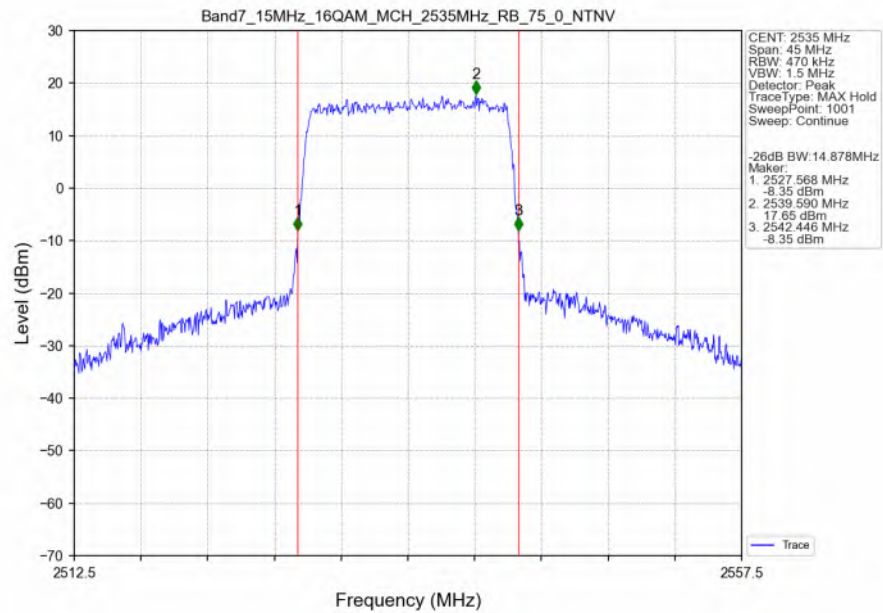
Band7_10MHz_256QAM_MCH_2535MHz_RB_50_0_NTNV



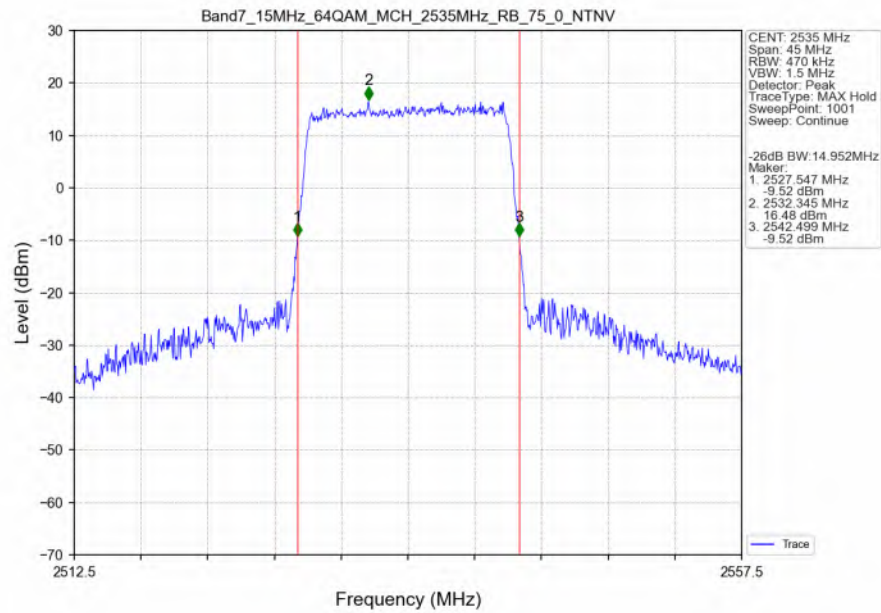
Band7 15MHz QPSK MCH 2535MHz RB 75 0 NTN



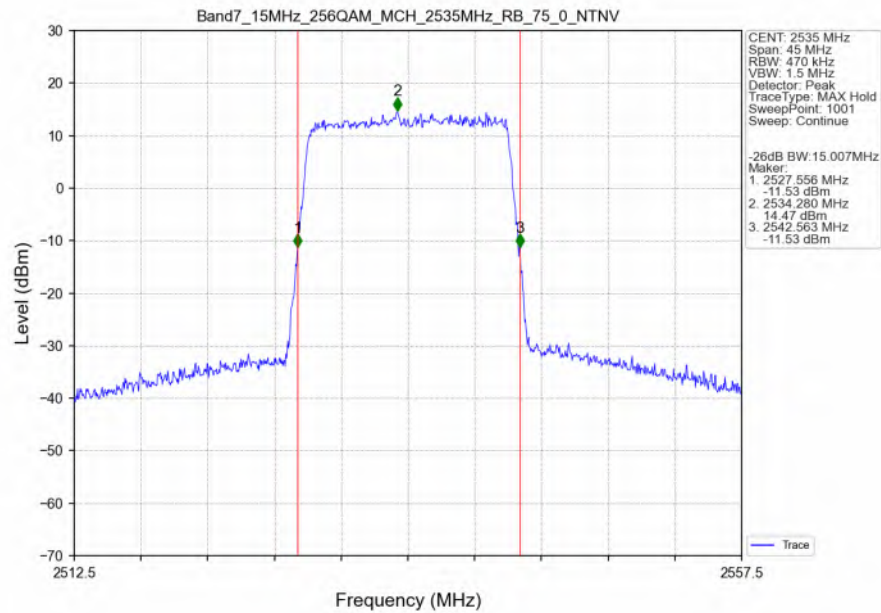
Band7 15MHz 16QAM MCH 2535MHz RB 75 0 NTN



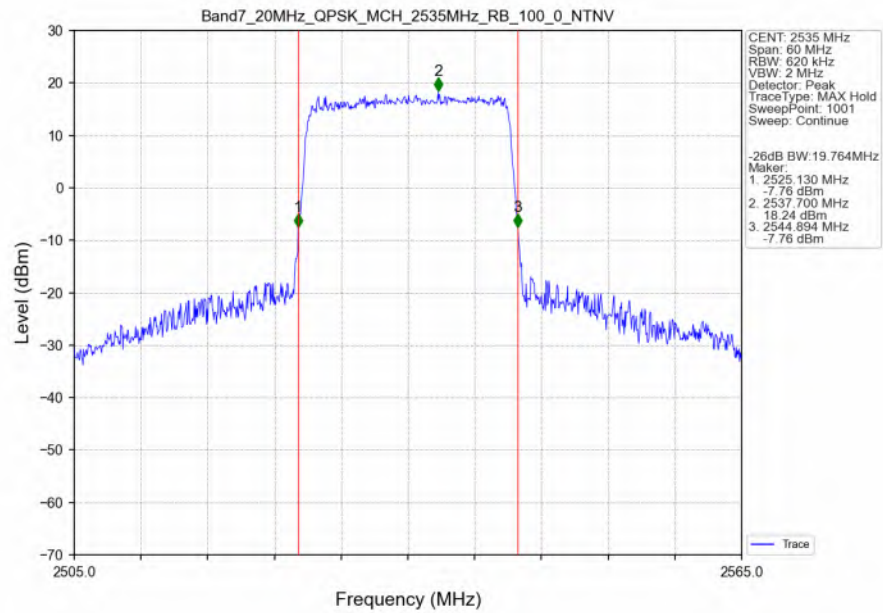
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNV



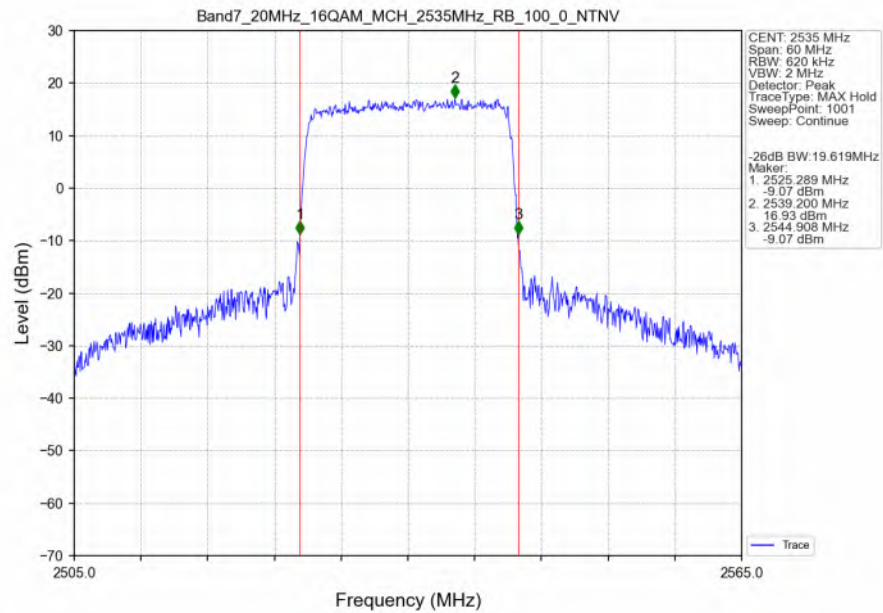
Band7 15MHz 256QAM MCH 2535MHz RB 75 0 NTNV



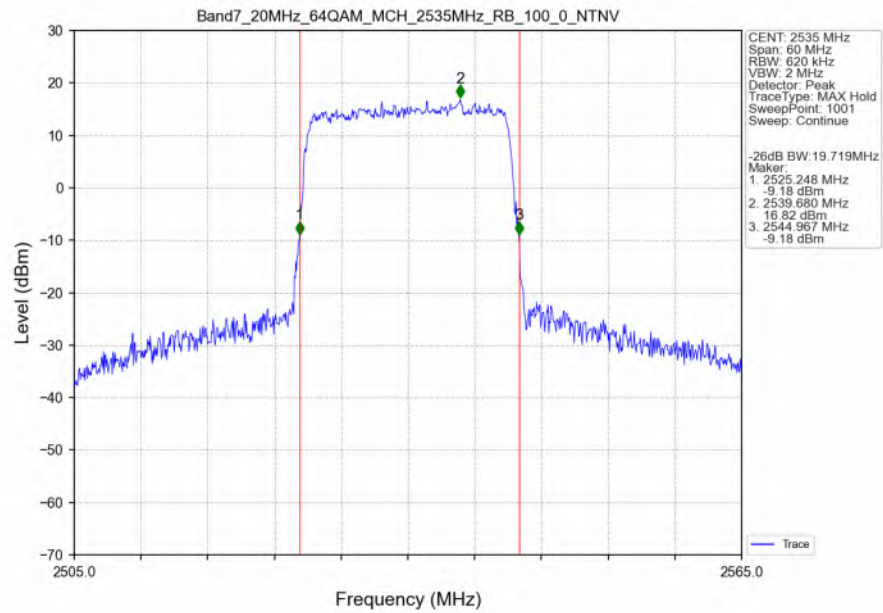
Band7 20MHz QPSK MCH 2535MHz RB 100 0 NTNV



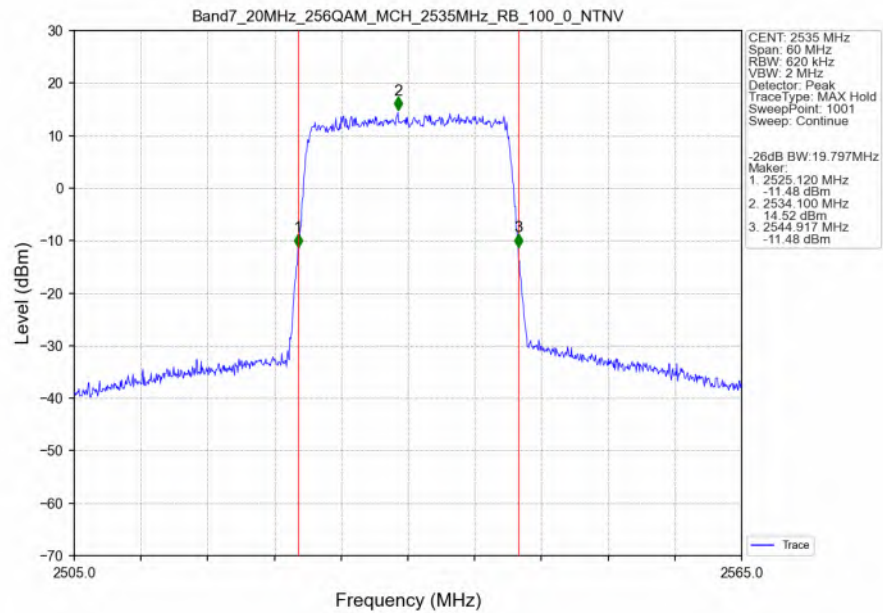
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTNV



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



Band7 20MHz 256QAM MCH 2535MHz RB 100 0 NTNV



4. Peak-Average Ratio

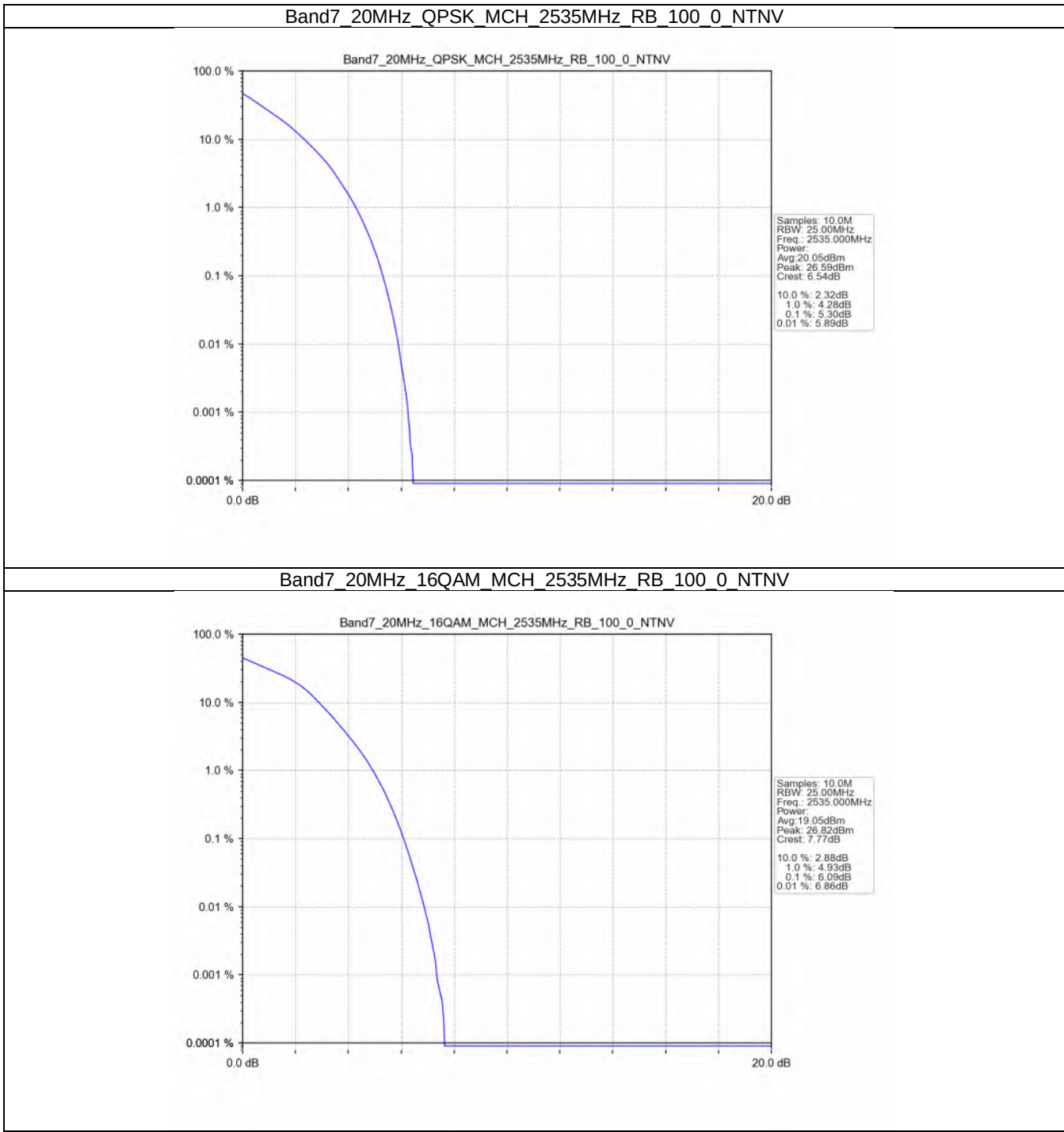
4.1 Test Result

4.1.1 B7_20MHz

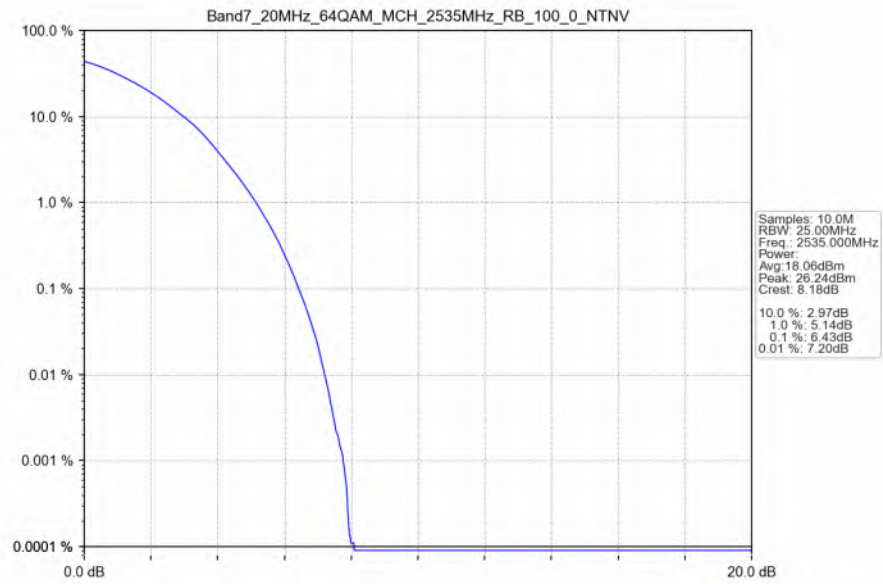
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	5.30	<=13	Pass
16QAM	2535	100	0	6.09	<=13	Pass
64QAM	2535	100	0	6.43	<=13	Pass
256QAM	2535	100	0	6.67	<=13	Pass

4.2 Test Graph

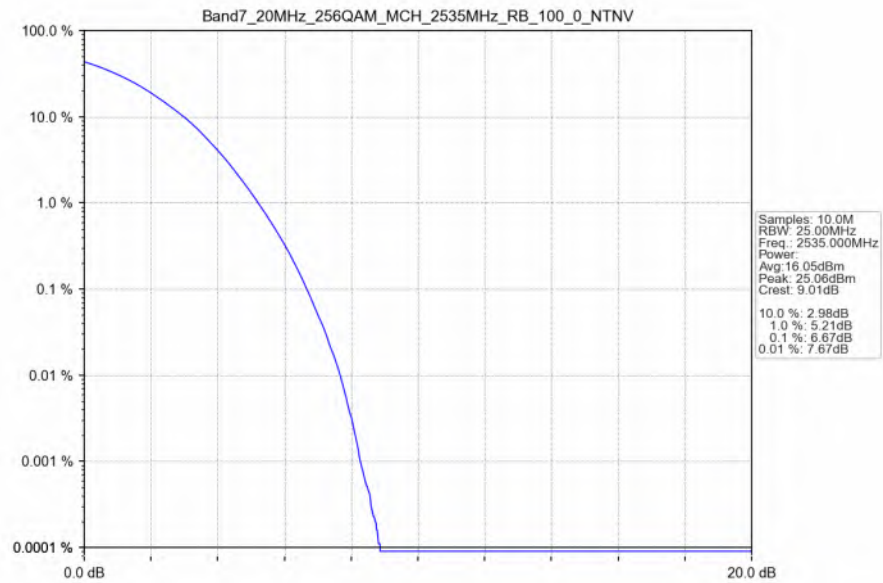
4.2.1 B7_20MHz



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



Band7 20MHz 256QAM 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

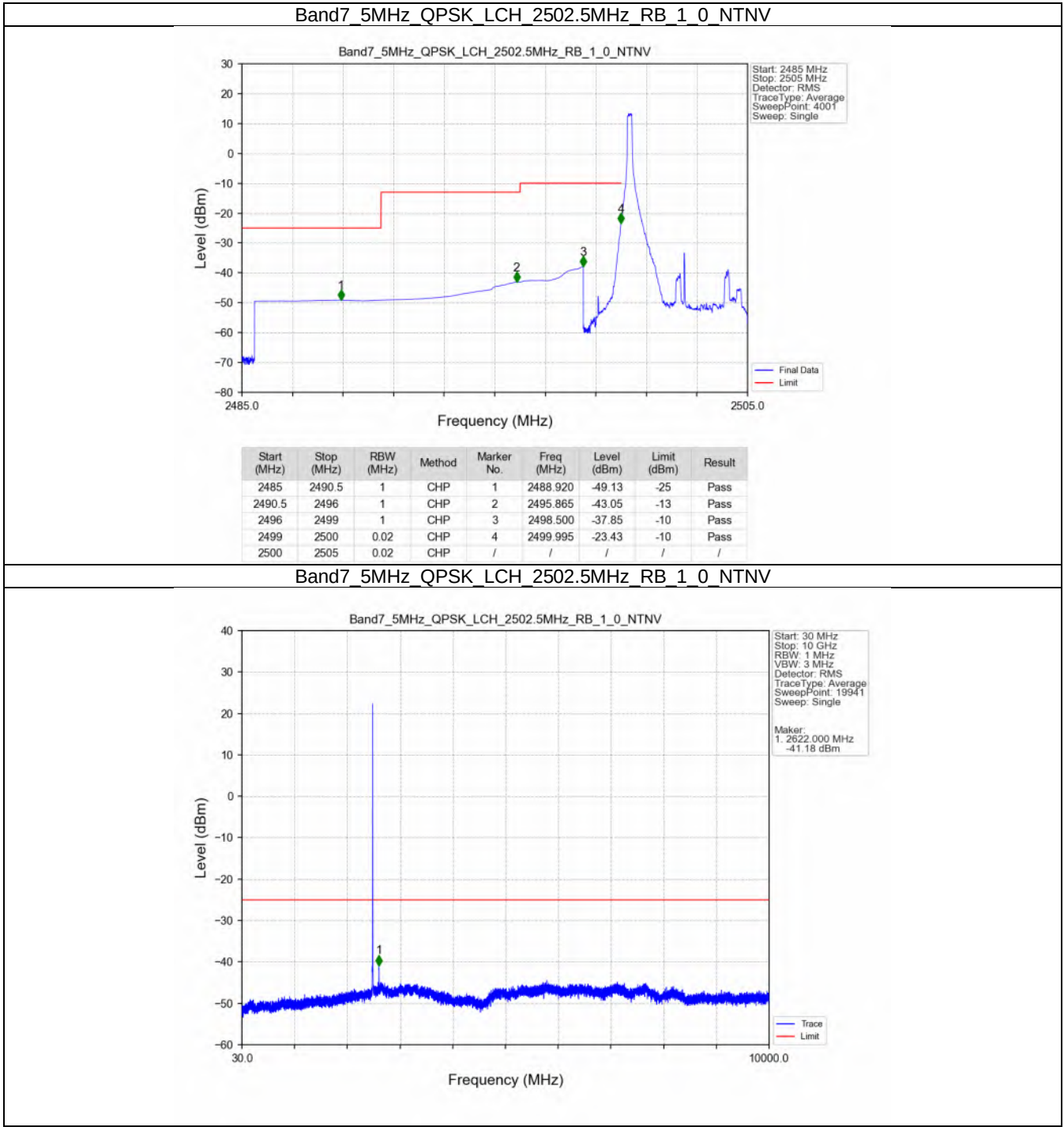
Band: 7 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test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

5.1.4 B7_20MHz

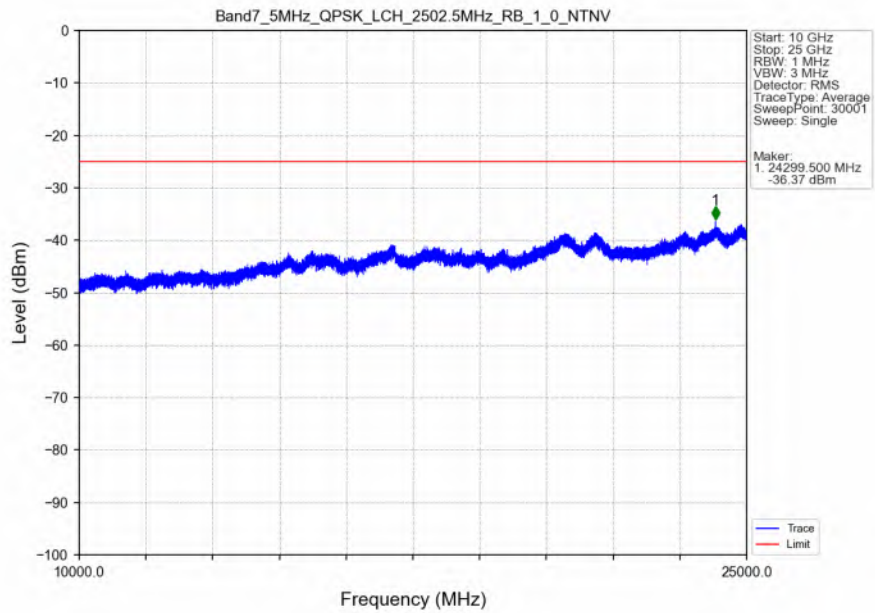
Band: 7 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

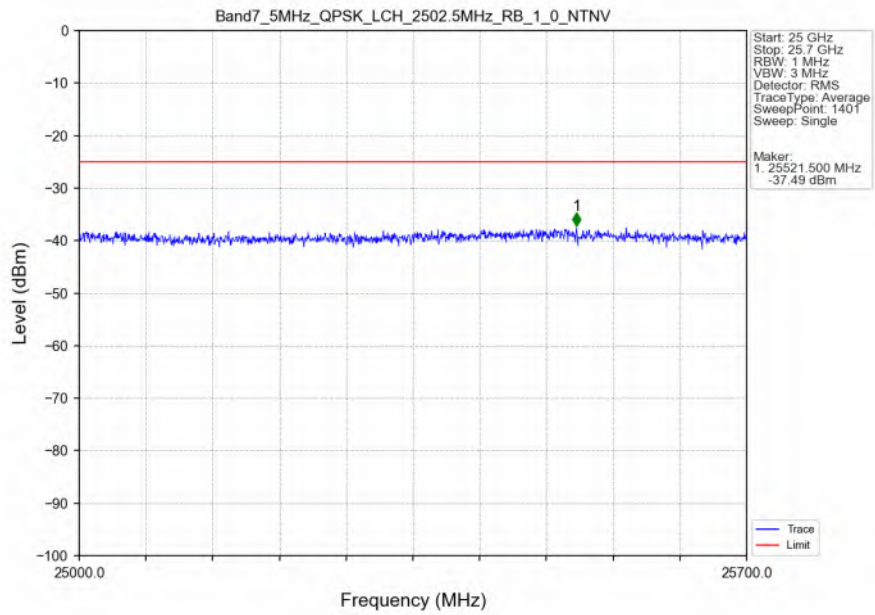
5.2.1 B7_5MHz



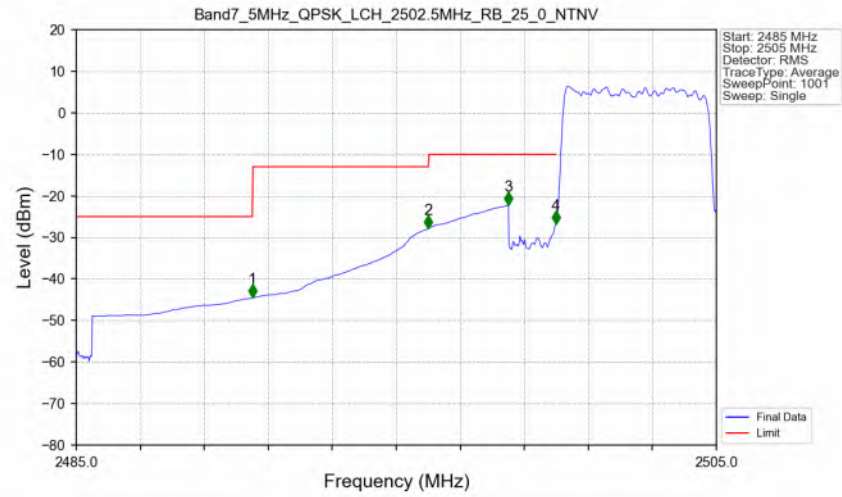
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN



Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTN

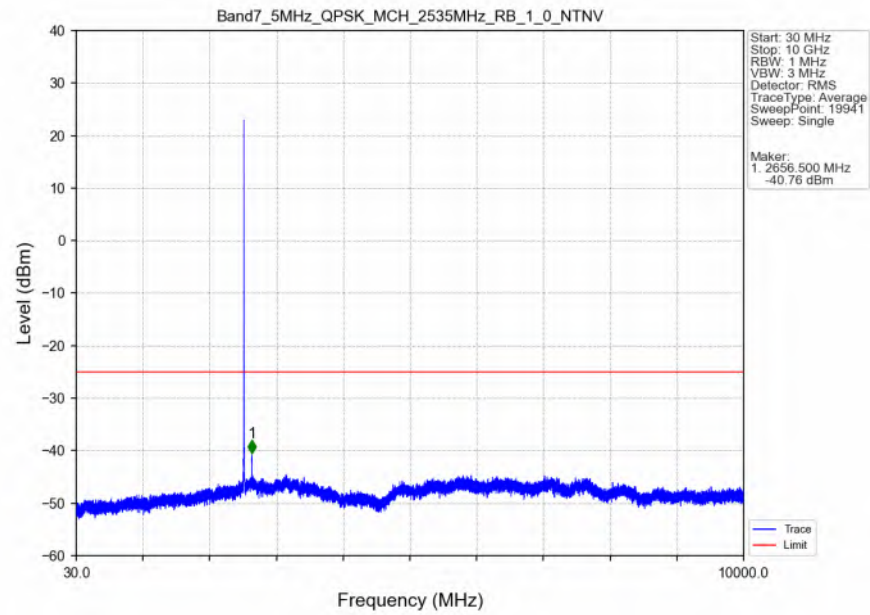


Band7 5MHz QPSK LCH 2502.5MHz RB 25 0 NTV

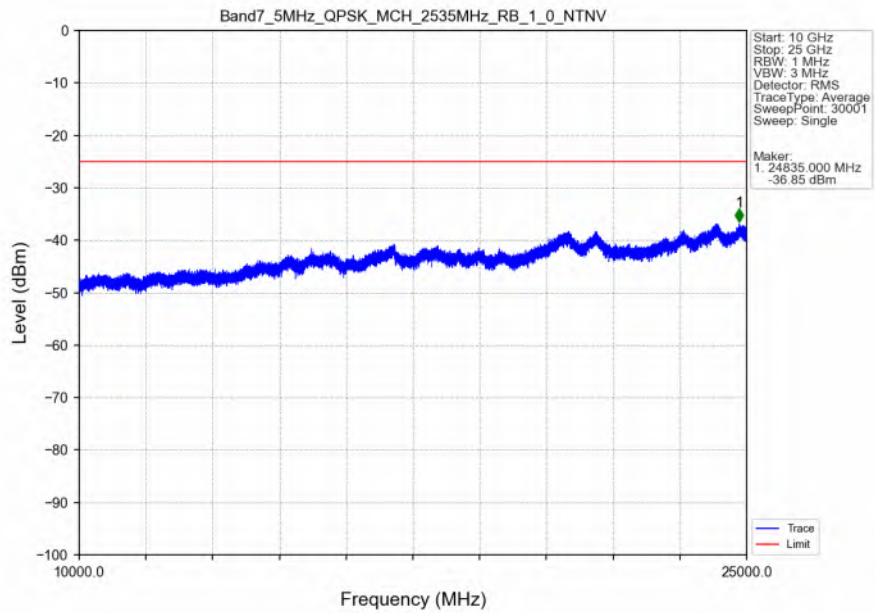


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-44.49	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-27.80	-13	Pass
2496	2499	1	CHP	3	2498.500	-22.21	-10	Pass
2499	2500	0.102	CHP	4	2499.980	-26.81	-10	Pass
2500	2505	0.102	CHP	/	/	/	/	/

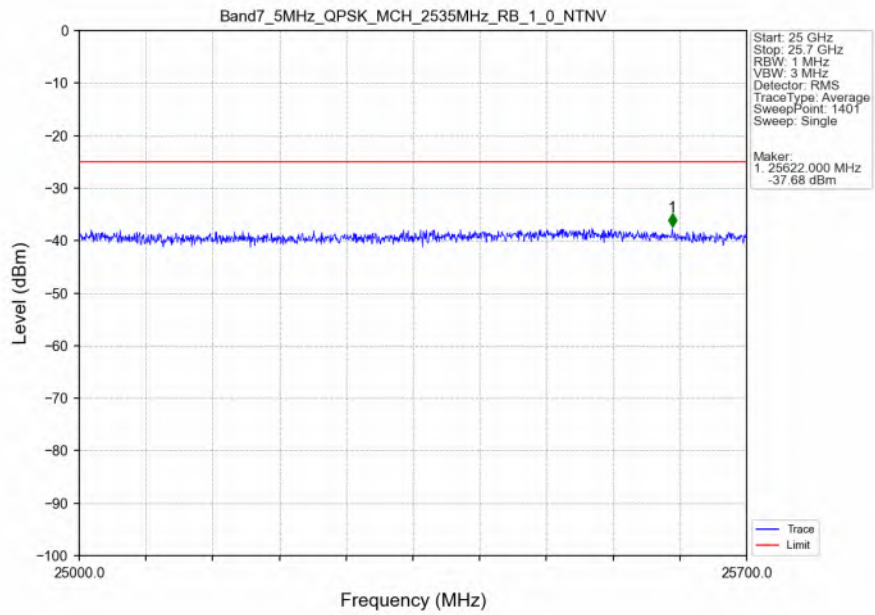
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTV



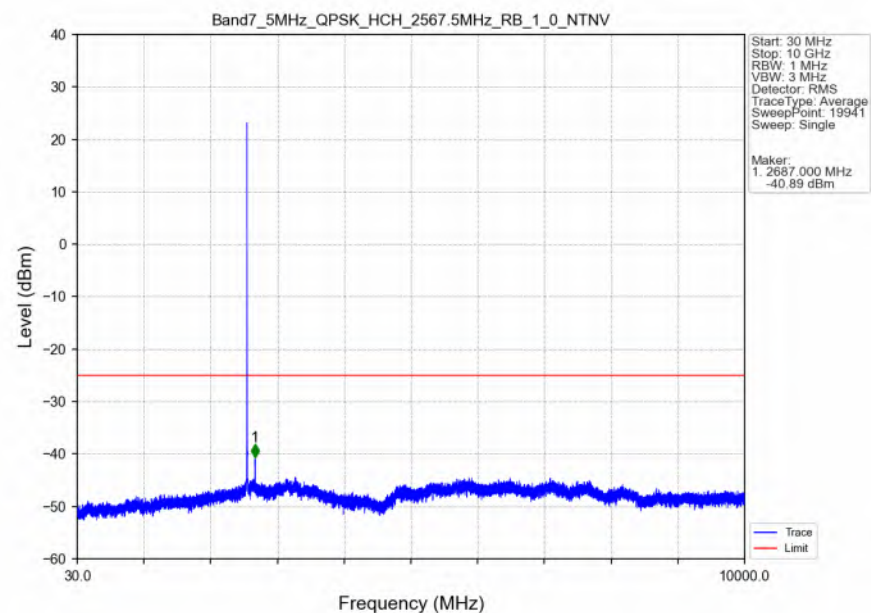
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTV



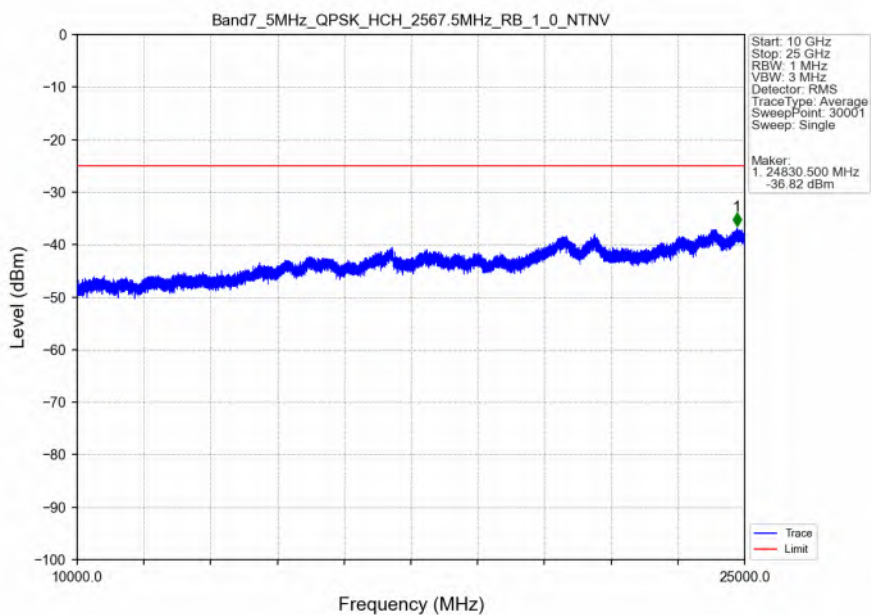
Band7 5MHz QPSK MCH 2535MHz RB 1 0 NTV



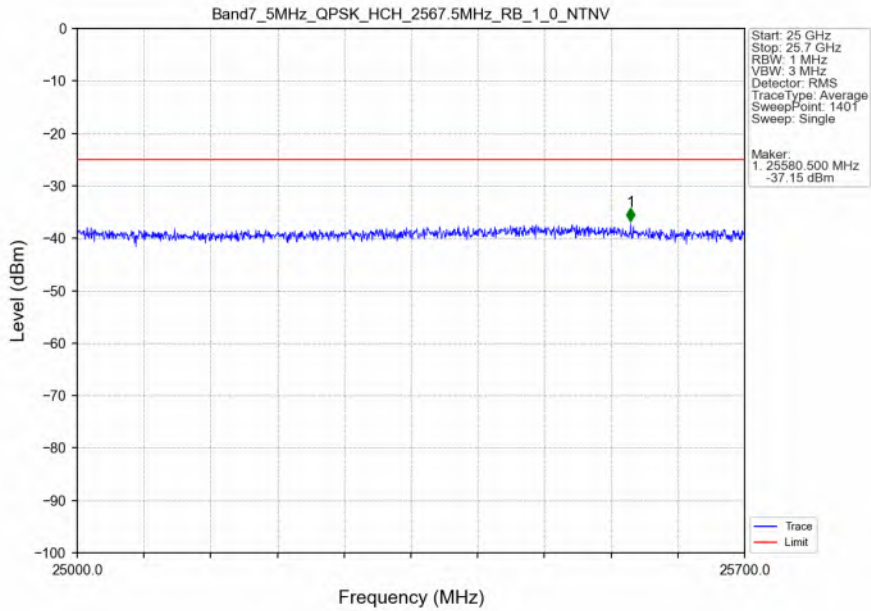
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTNV



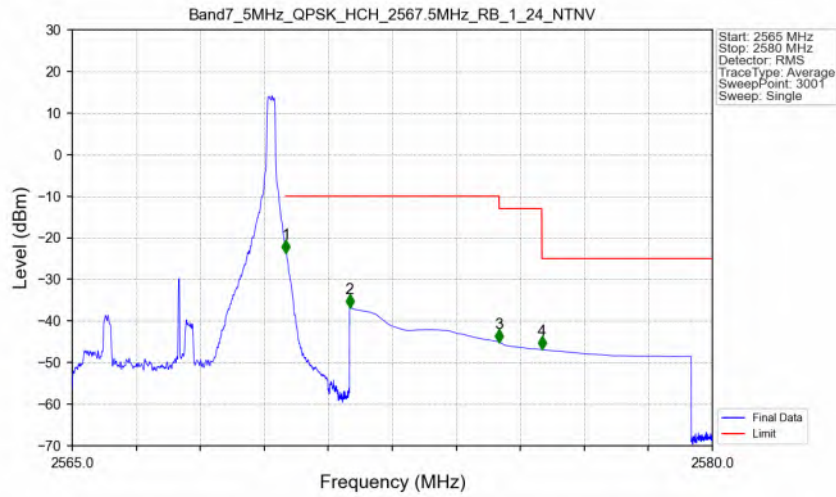
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTNV



Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN

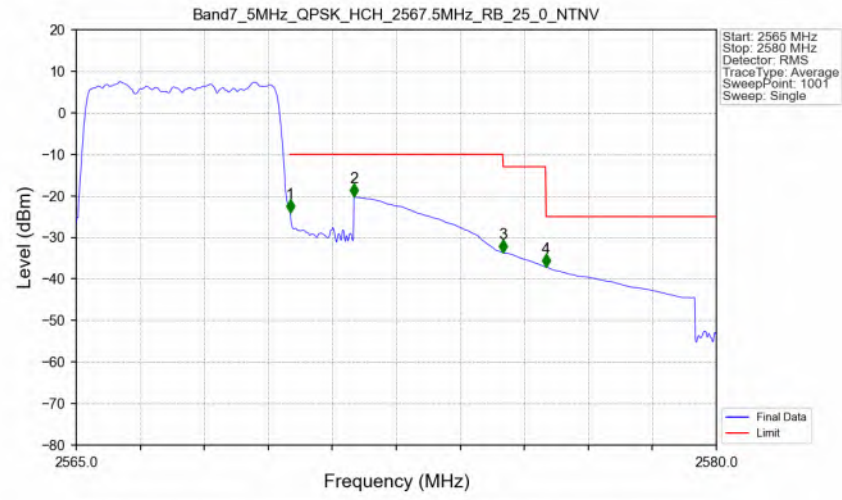


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24 NTN



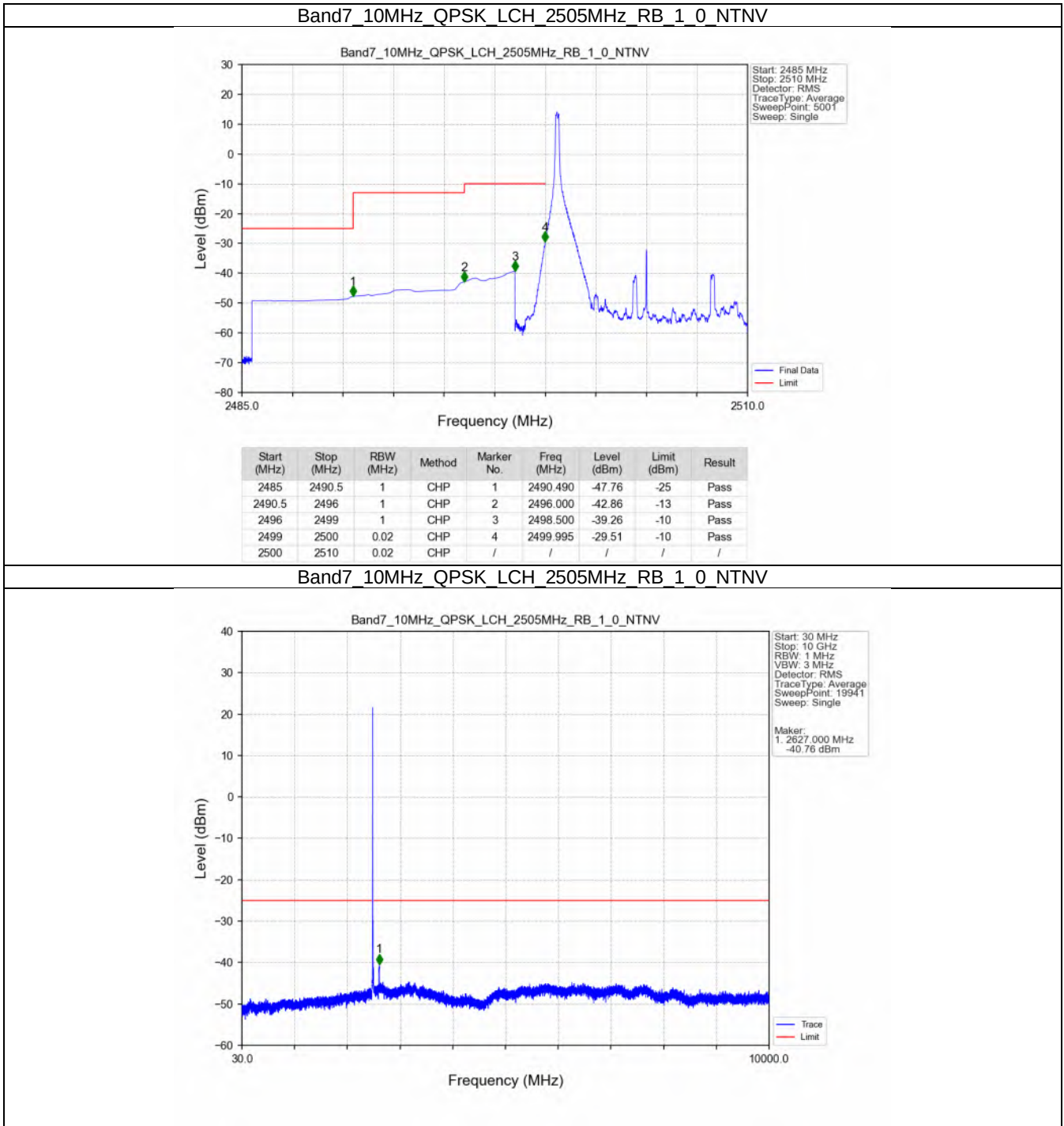
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-23.71	-10	Pass
2571	2575	1	CHP	2	2571.500	-36.82	-10	Pass
2575	2576	1	CHP	3	2575.005	-45.10	-13	Pass
2576	2580	1	CHP	4	2576.010	-46.88	-25	Pass

Band7 5MHz QPSK HCH 2567.5MHz RB 25 0 NTN

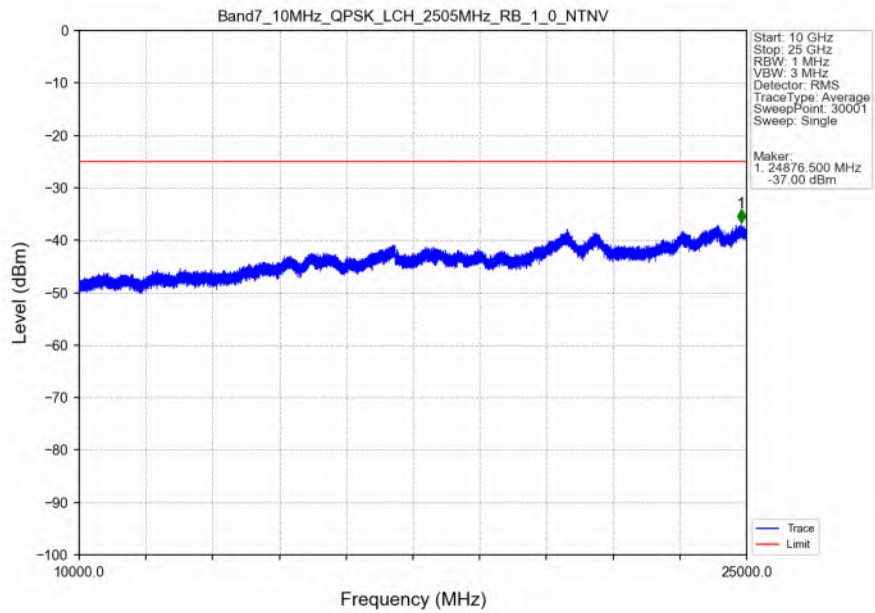


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.101	CHP	/	/	/	/	/
2570	2571	0.101	CHP	1	2570.010	-24.09	-10	Pass
2571	2575	1	CHP	2	2571.510	-20.25	-10	Pass
2575	2576	1	CHP	3	2575.005	-33.69	-13	Pass
2576	2580	1	CHP	4	2576.010	-37.13	-25	Pass

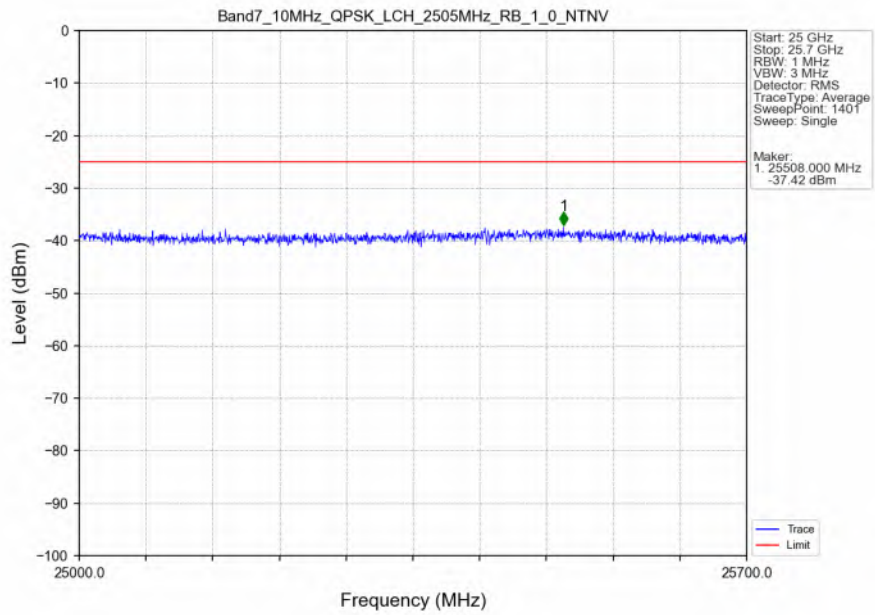
5.2.2 B7_10MHz



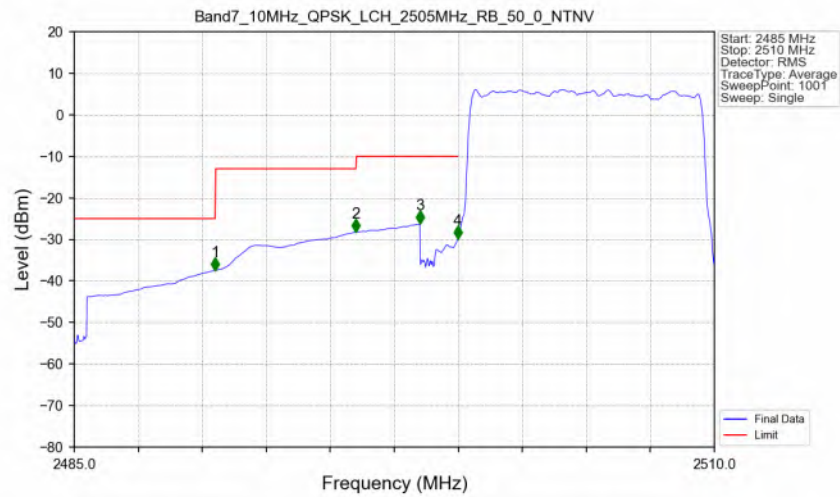
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

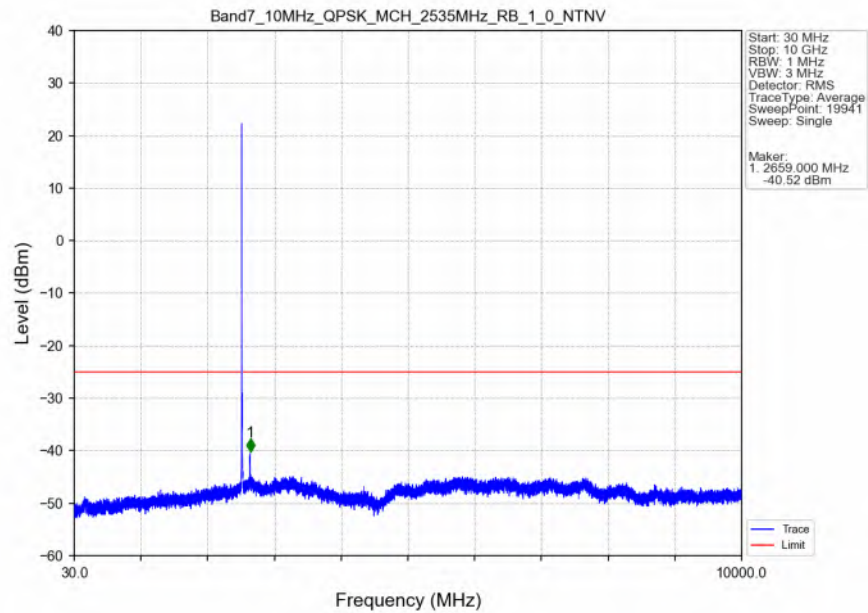


Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV

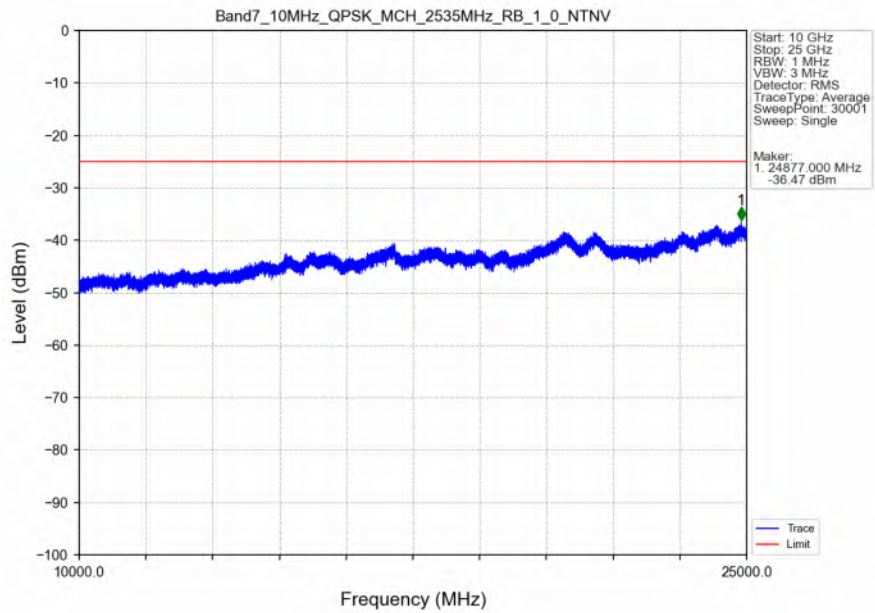


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-37.51	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-28.28	-13	Pass
2496	2499	1	CHP	3	2498.500	-26.29	-10	Pass
2499	2500	0.2	CHP	4	2499.975	-29.84	-10	Pass
2500	2510	0.2	CHP	/	/	/	/	/

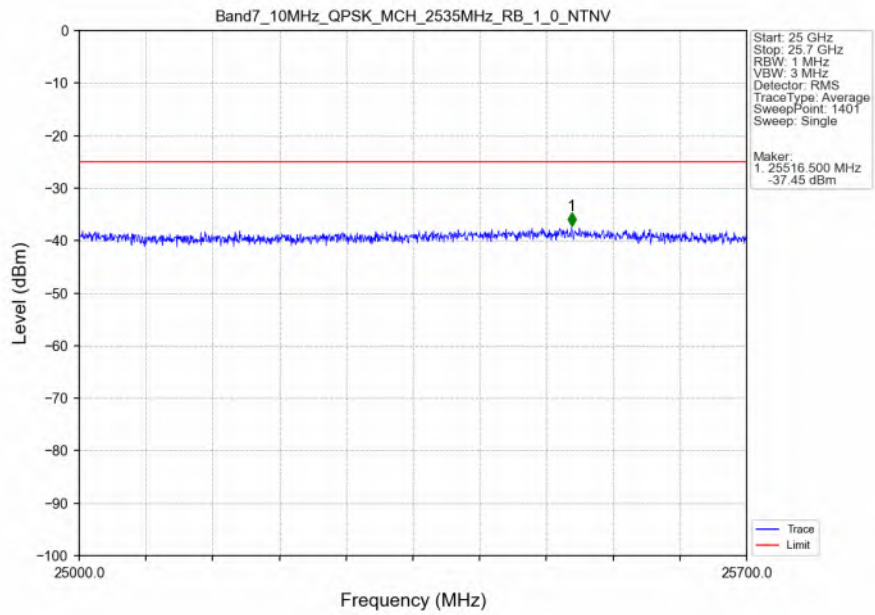
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



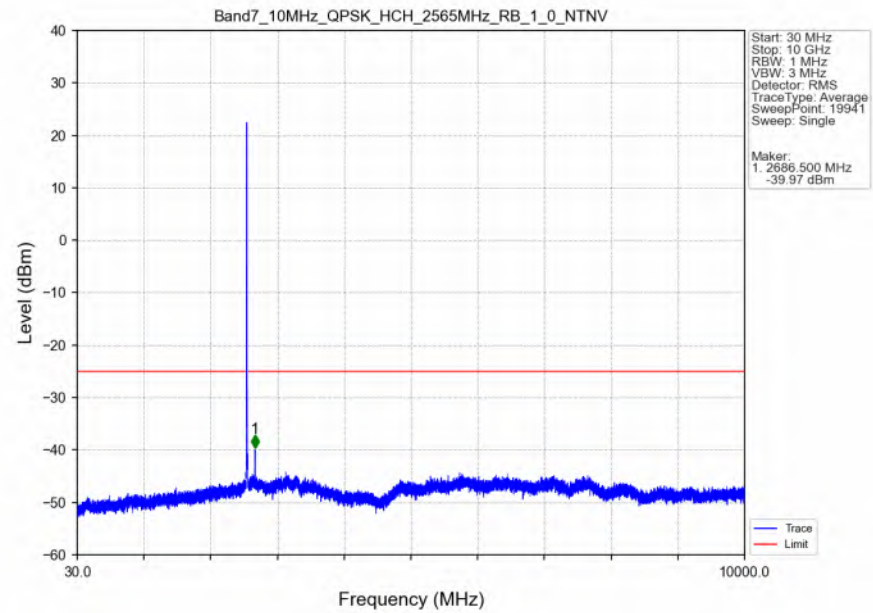
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



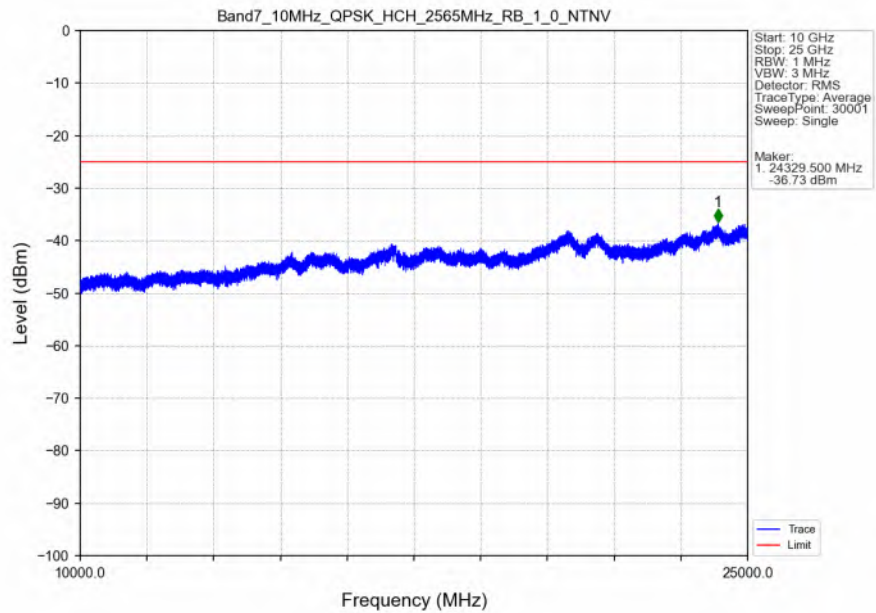
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



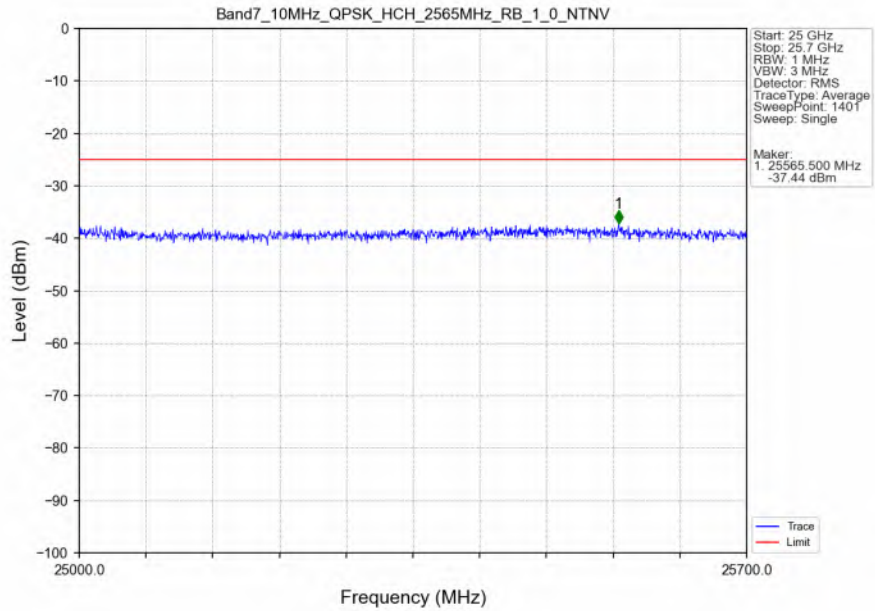
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



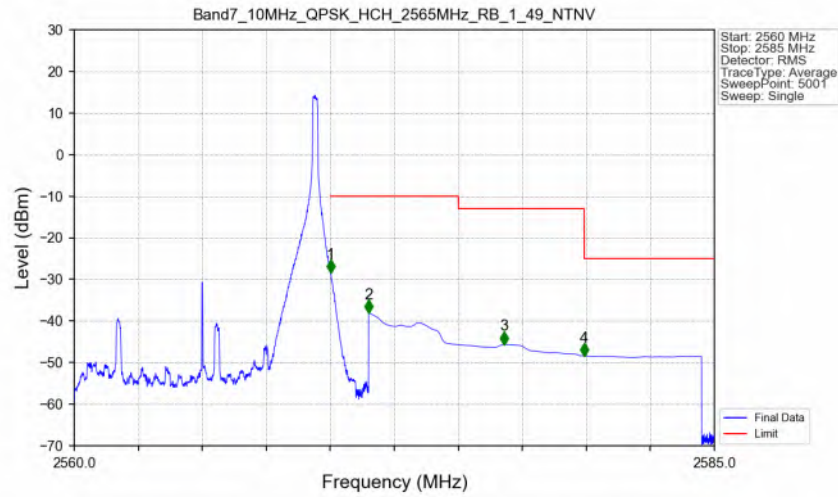
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

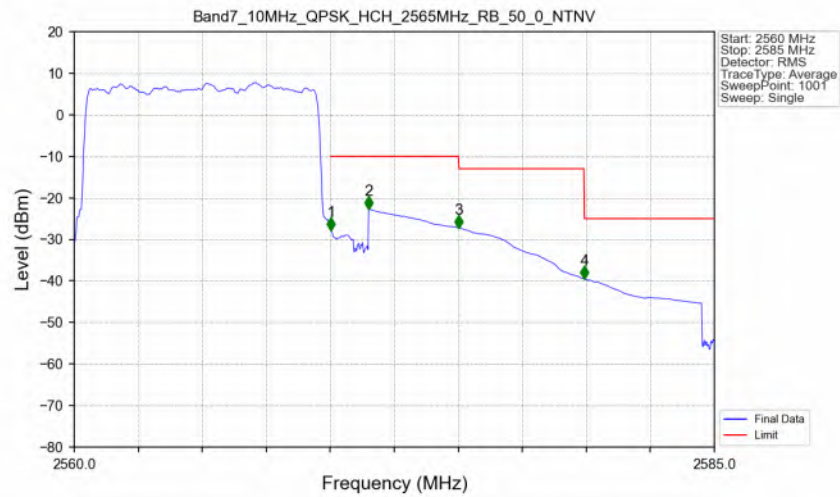


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



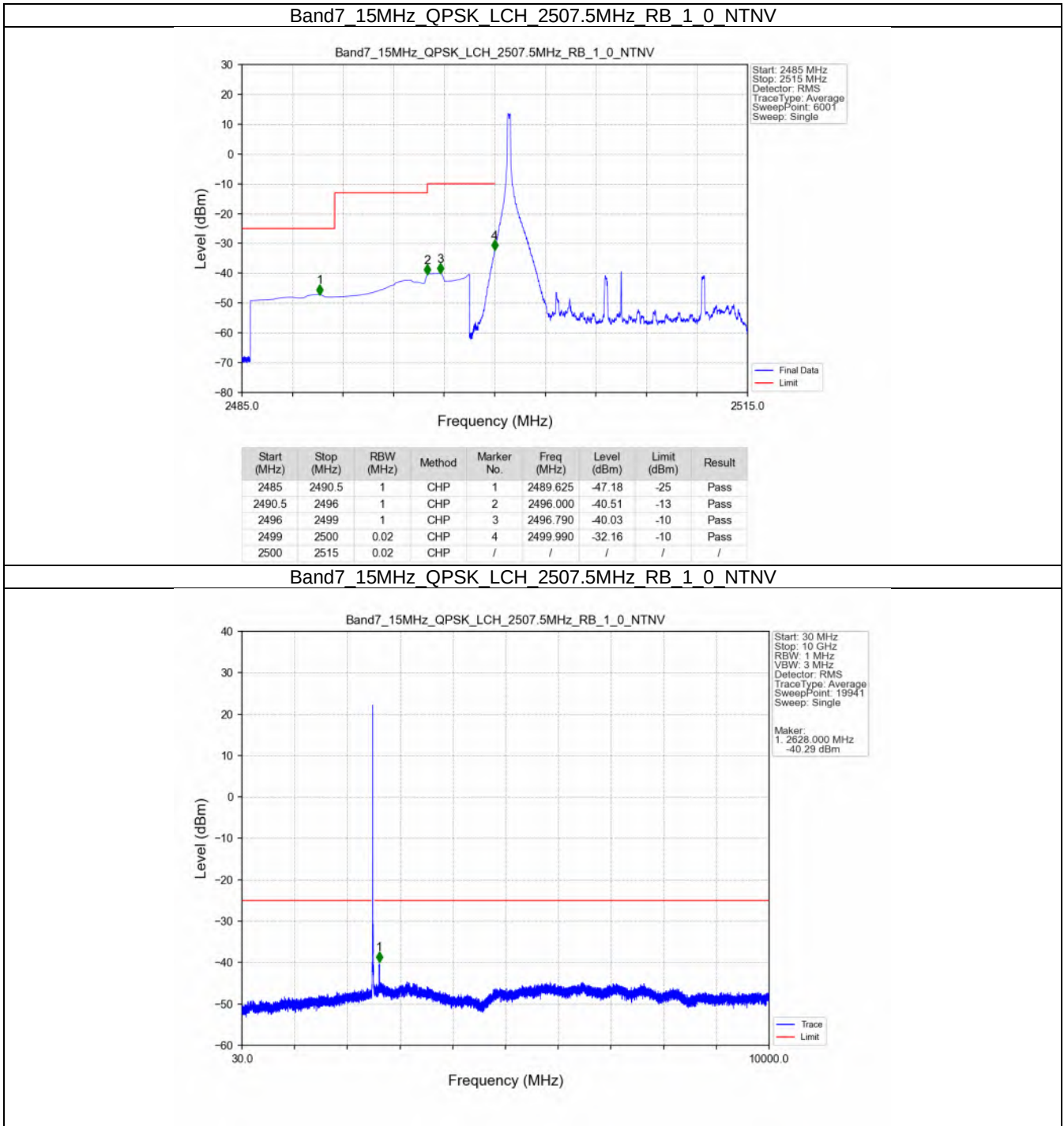
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-28.46	-10	Pass
2571	2575	1	CHP	2	2571.500	-38.06	-10	Pass
2575	2579.911	1	CHP	3	2576.785	-45.63	-13	Pass
2579.911	2585	1	CHP	4	2579.915	-48.42	-25	Pass

Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN

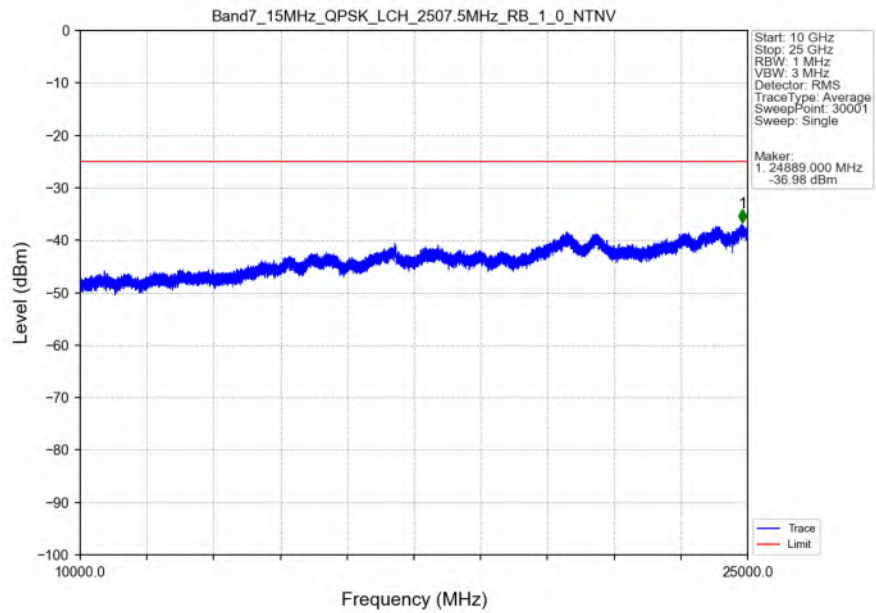


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.198	CHP	/	/	/	/	/
2570	2571	0.198	CHP	1	2570.025	-27.86	-10	Pass
2571	2575	1	CHP	2	2571.500	-22.72	-10	Pass
2575	2579.911	1	CHP	3	2575.025	-27.26	-13	Pass
2579.911	2585	1	CHP	4	2579.925	-39.56	-25	Pass

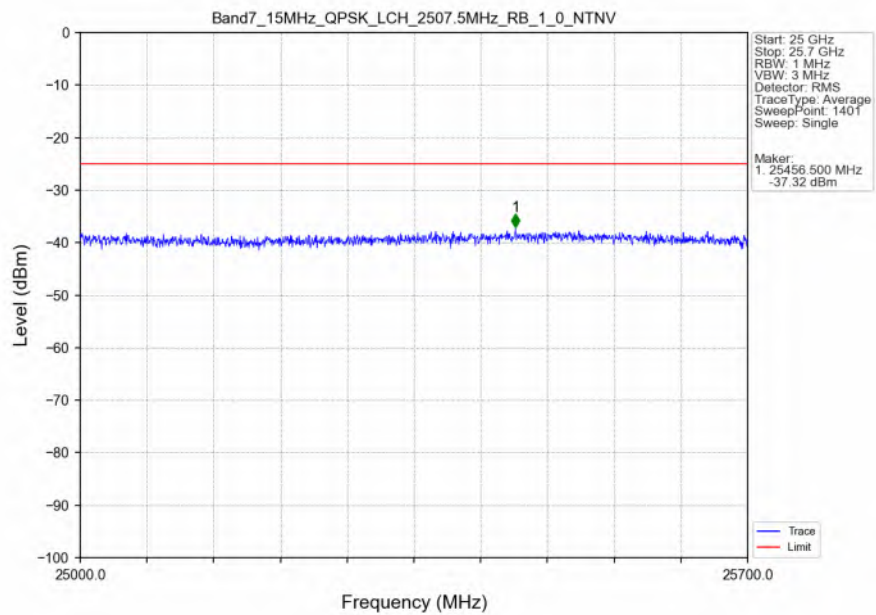
5.2.3 B7_15MHz



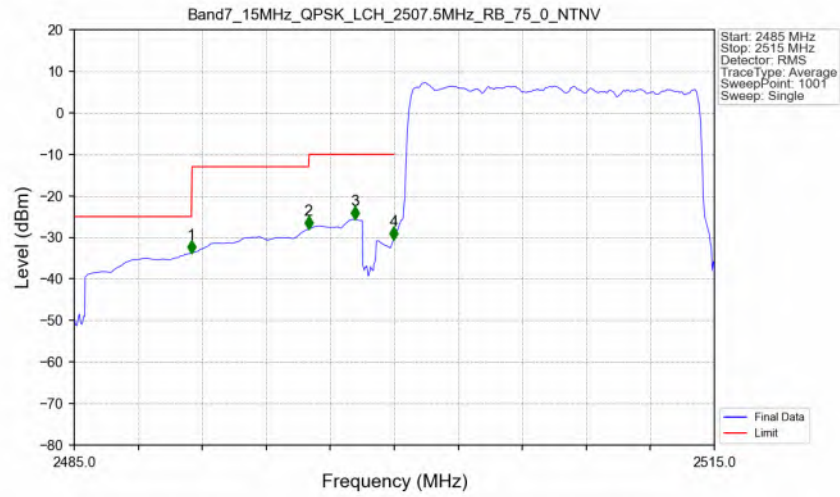
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV



Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV

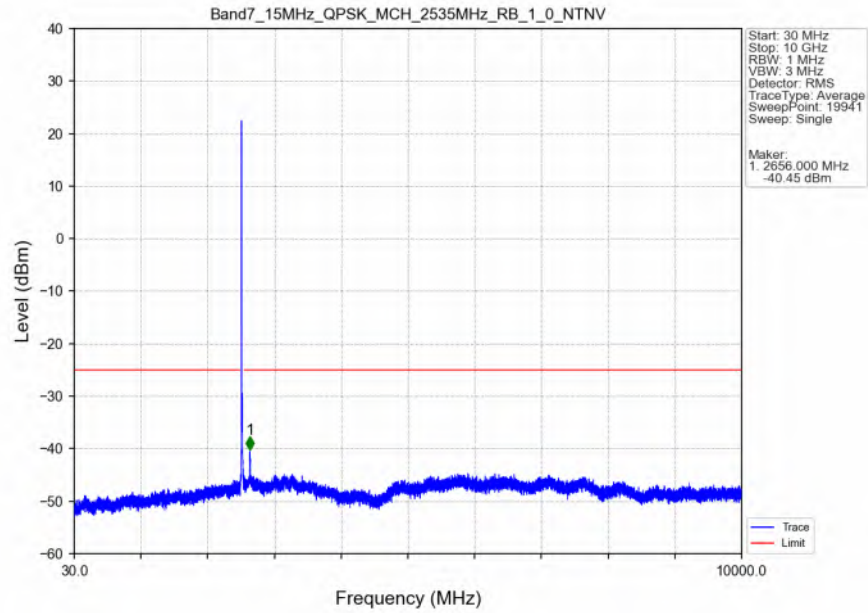


Band7 15MHz QPSK LCH 2507.5MHz RB 75 0 NTNV

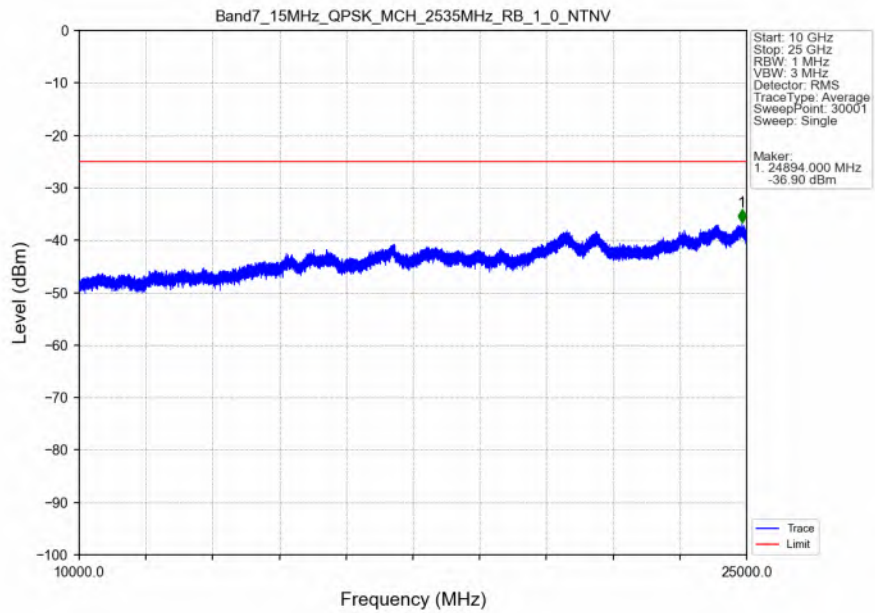


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-33.80	-25	Pass
2490.5	2496	1	CHP	2	2495.980	-28.01	-13	Pass
2496	2499	1	CHP	3	2498.140	-25.69	-10	Pass
2499	2500	0.298	CHP	4	2499.970	-30.58	-10	Pass
2500	2515	0.298	CHP	/	/	/	/	/

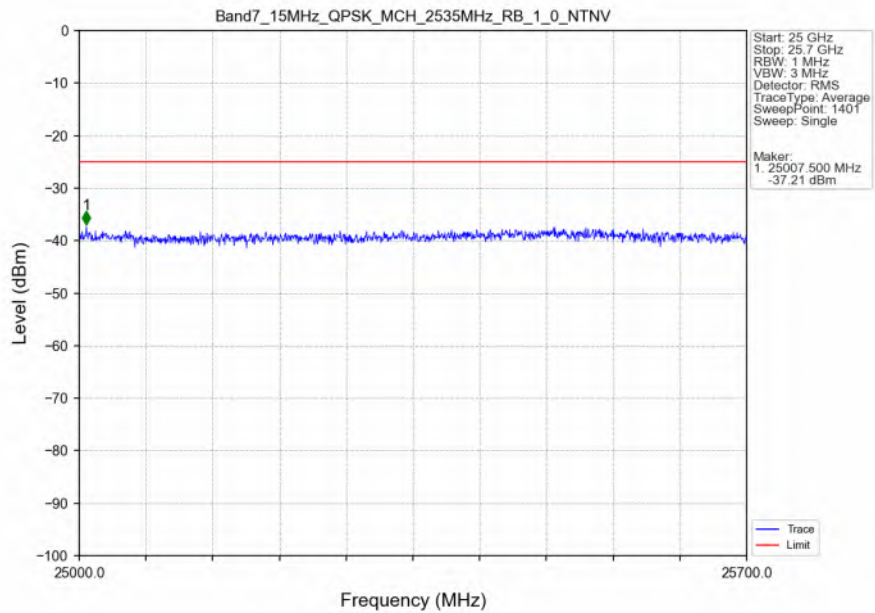
Band7 15MHz QPSK MCH 2535MHz RB 1 0 NTNV



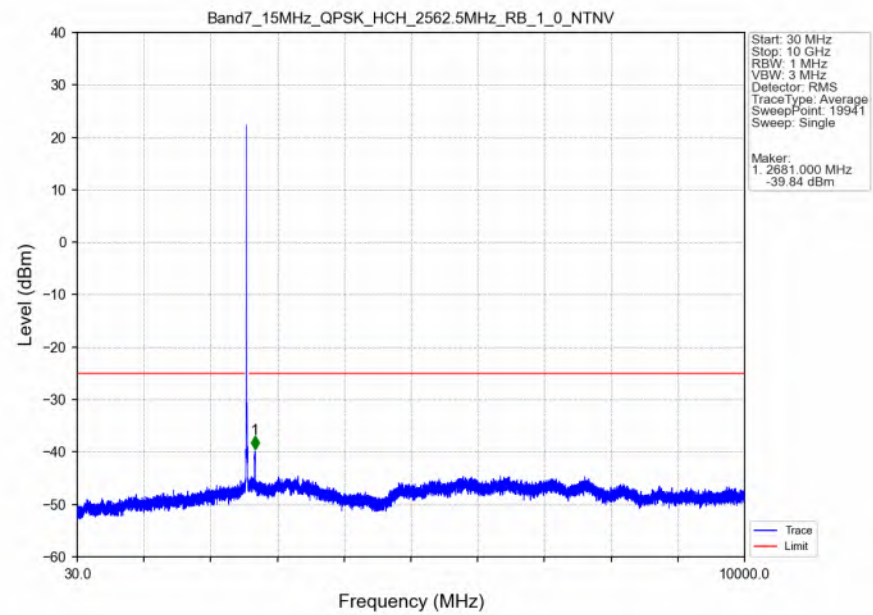
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



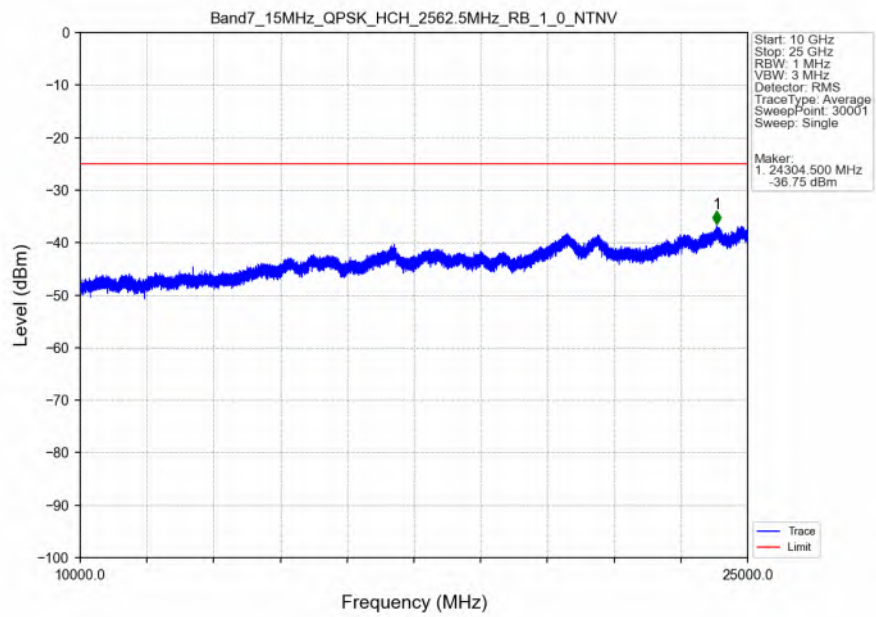
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



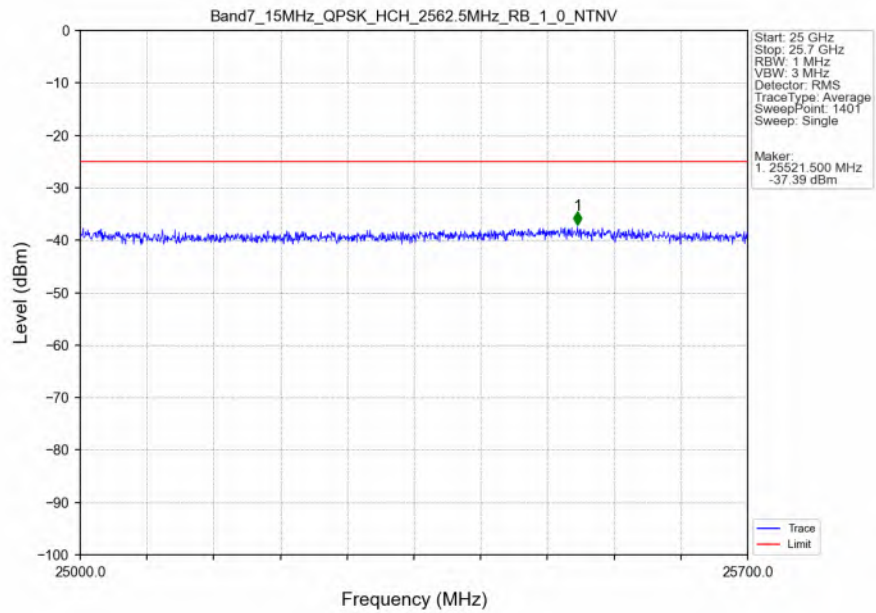
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



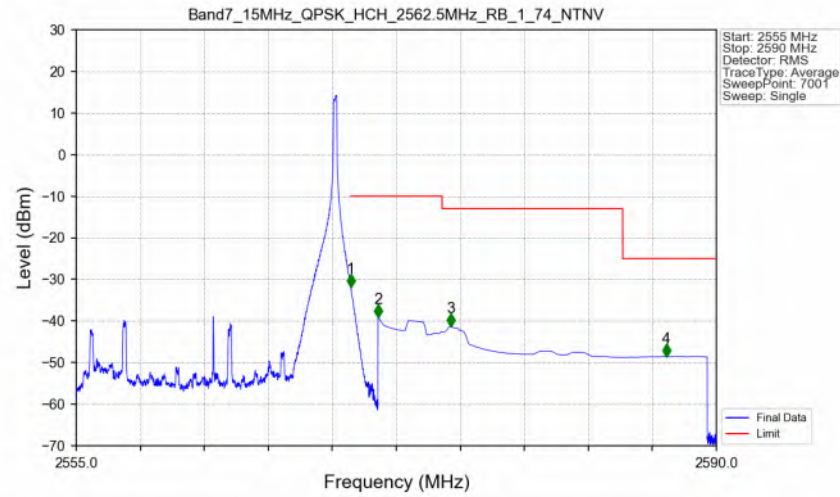
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV

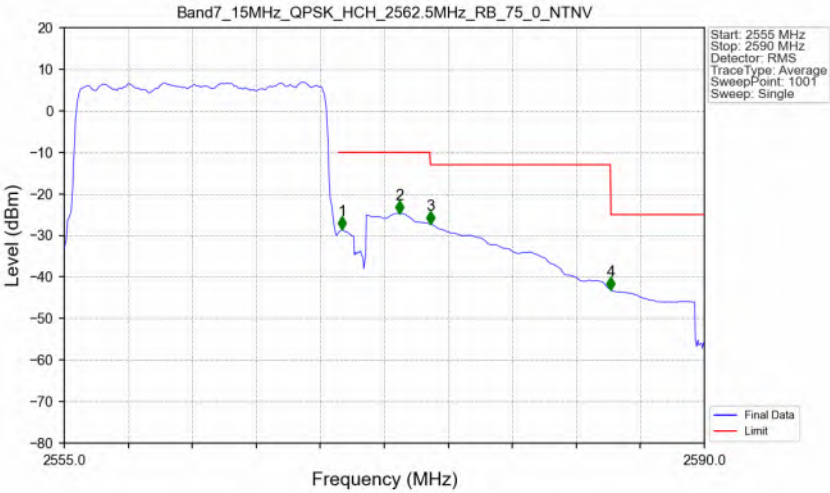


Band7 15MHz QPSK HCH 2562.5MHz RB 1 74 NTV



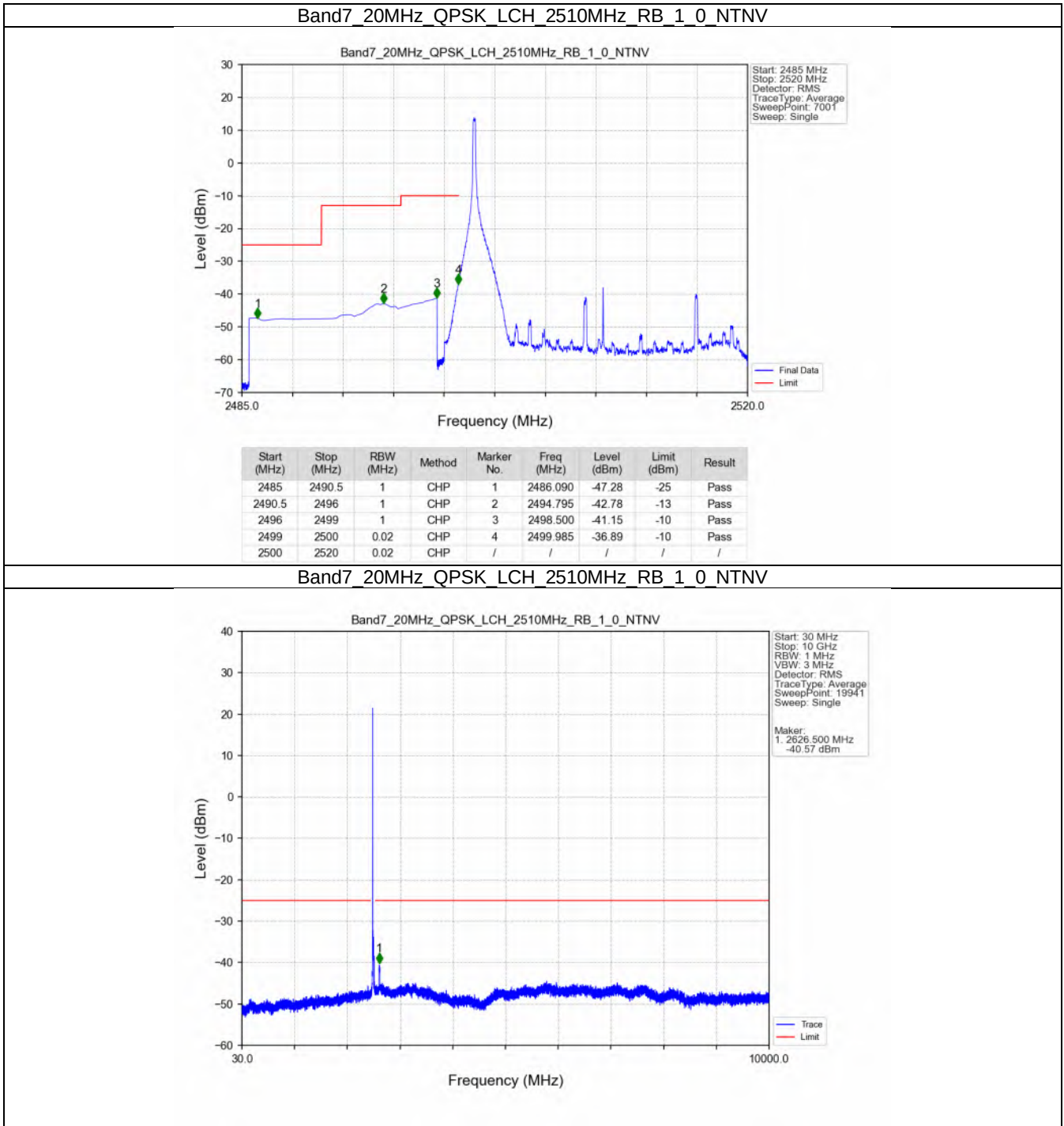
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-31.89	-10	Pass
2571	2575	1	CHP	2	2571.500	-39.23	-10	Pass
2575	2584.878	1	CHP	3	2575.460	-41.36	-13	Pass
2584.878	2590	1	CHP	4	2587.260	-48.55	-25	Pass

Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV

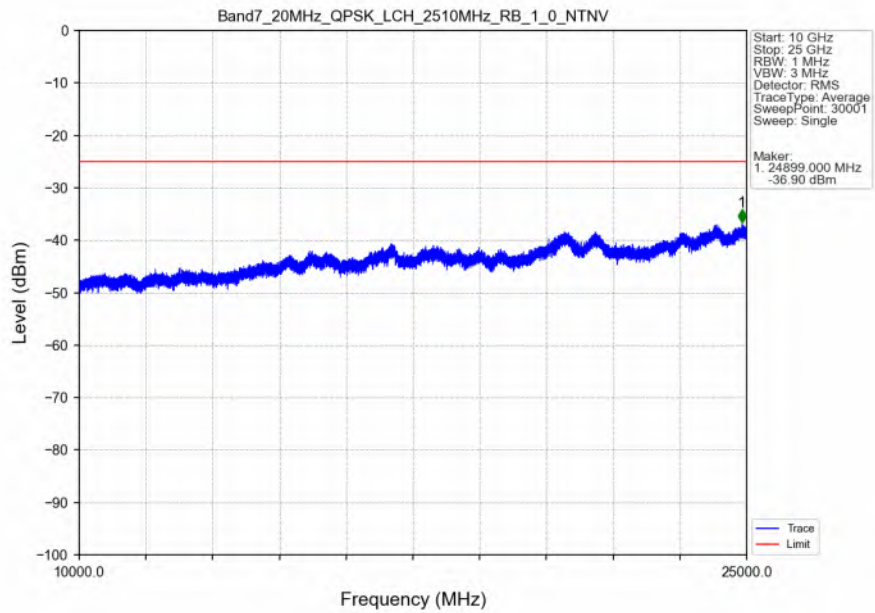


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.298	CHP	/	/	/	/	/
2570	2571	0.298	CHP	1	2570.190	-28.64	-10	Pass
2571	2575	1	CHP	2	2573.340	-24.67	-10	Pass
2575	2584.878	1	CHP	3	2575.020	-27.26	-13	Pass
2584.878	2590	1	CHP	4	2584.890	-43.10	-25	Pass

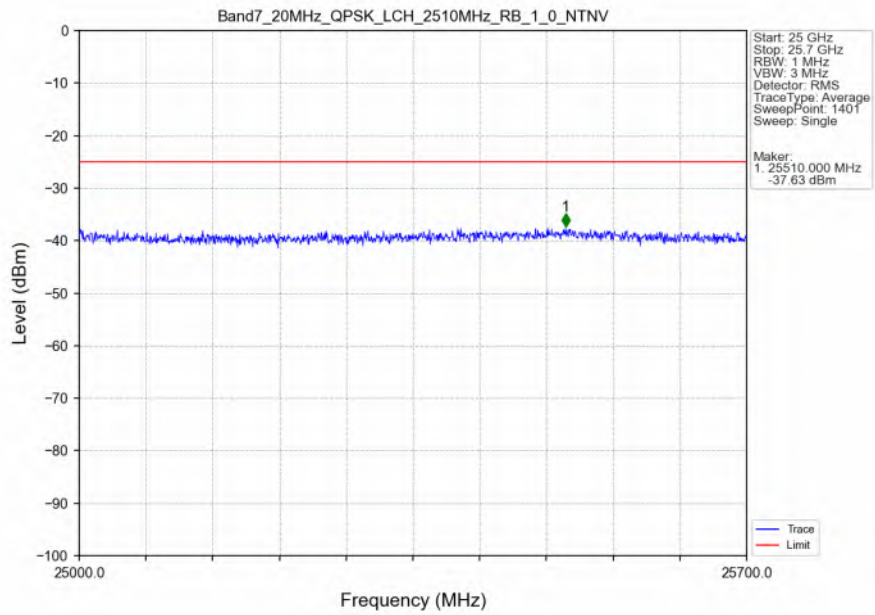
5.2.4 B7_20MHz



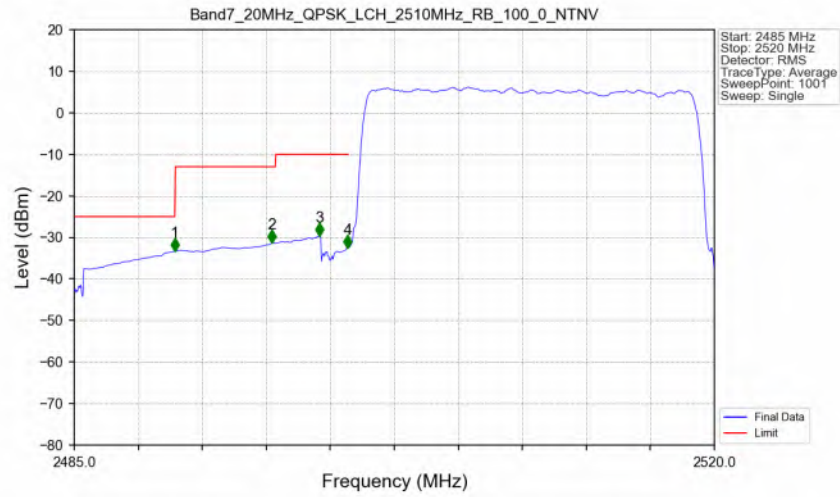
Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTNV



Band7 20MHz QPSK LCH 2510MHz RB 1 0 NTNV

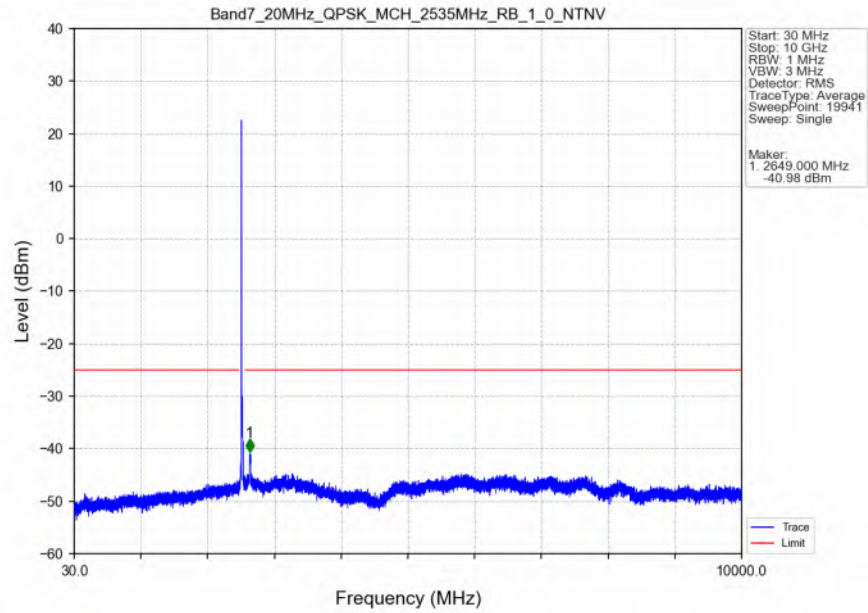


Band7 20MHz QPSK LCH 2510MHz RB 100 0 NTNV

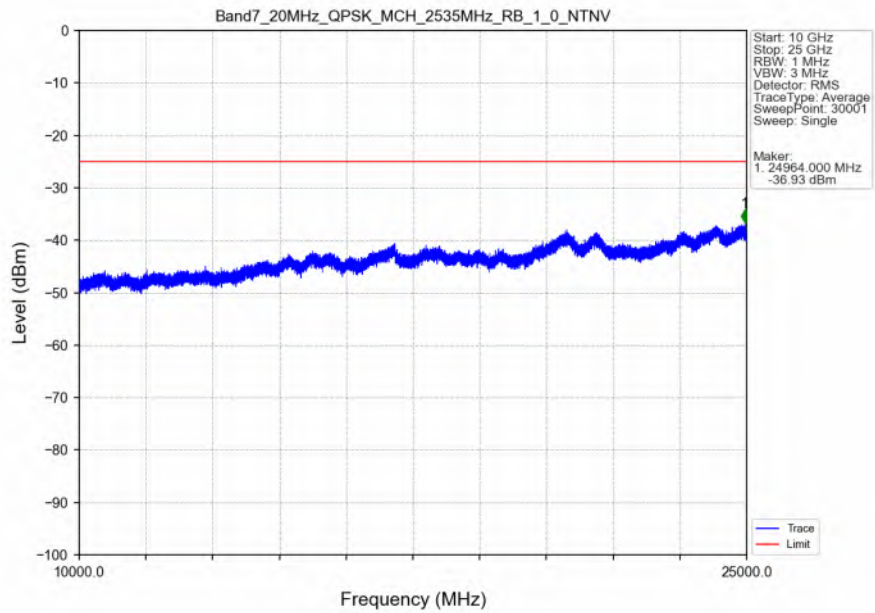


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-33.32	-25	Pass
2490.5	2496	1	CHP	2	2495.815	-31.38	-13	Pass
2496	2499	1	CHP	3	2498.405	-29.75	-10	Pass
2499	2500	0.396	CHP	4	2499.945	-32.51	-10	Pass
2500	2520	0.396	CHP	/	/	/	/	/

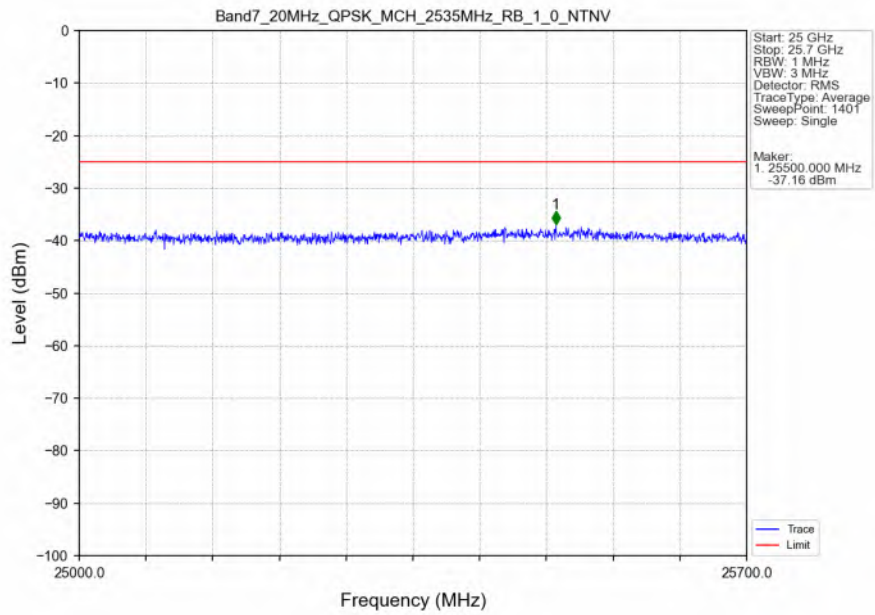
Band7 20MHz QPSK MCH 2535MHz RB 1 0 NTNV



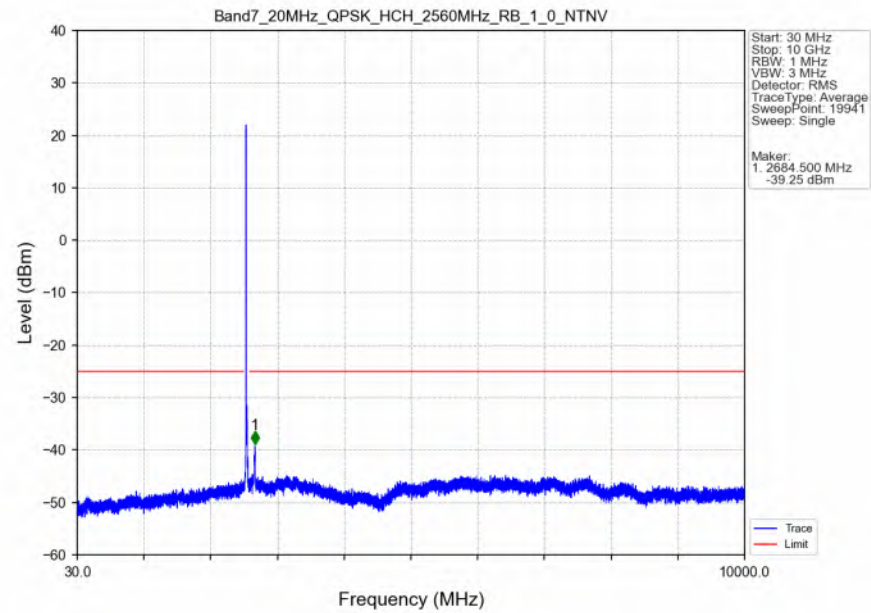
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



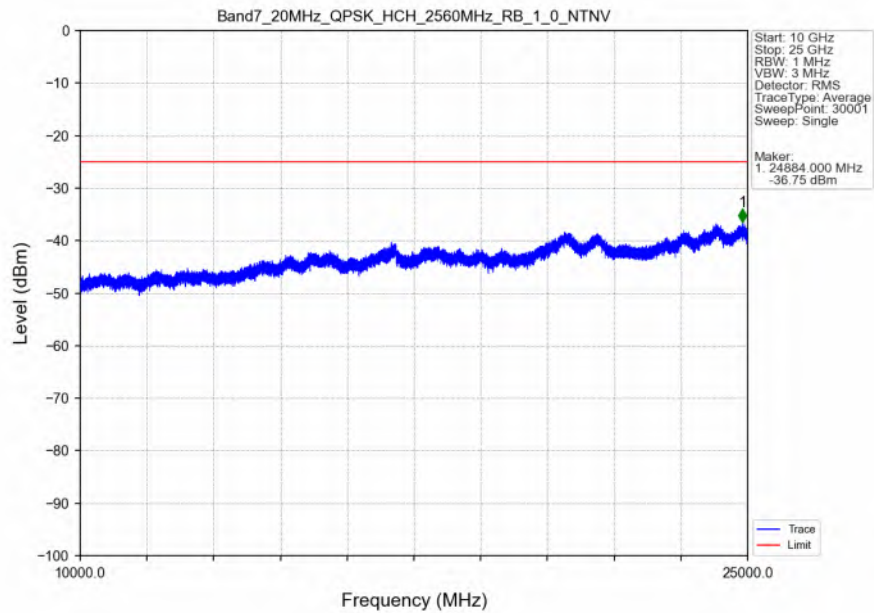
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



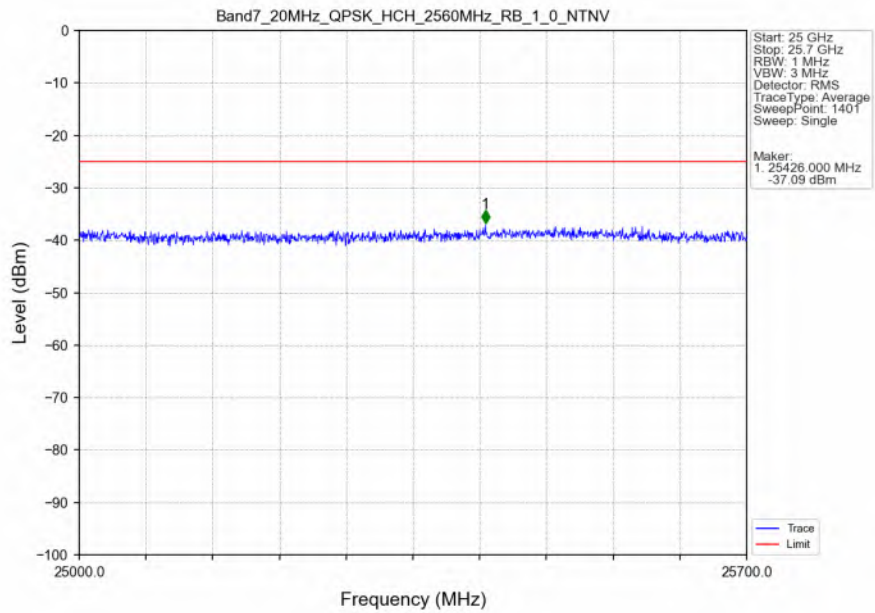
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN



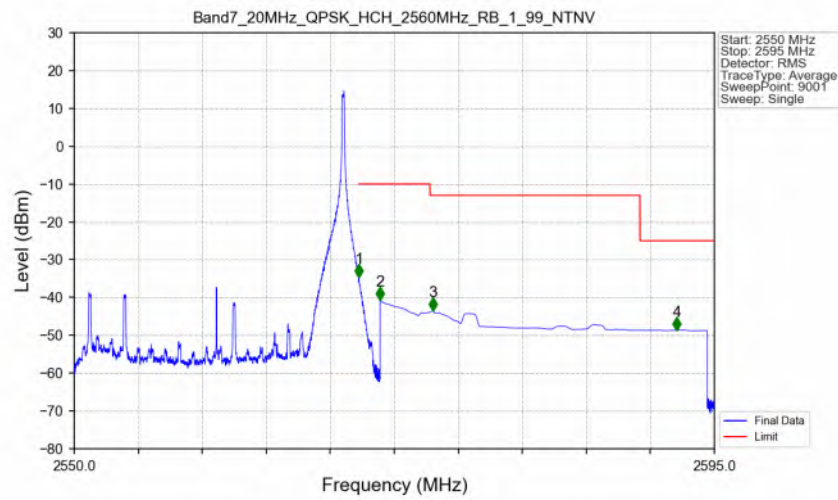
Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN



Band7 20MHz QPSK HCH 2560MHz RB 1 0 NTN

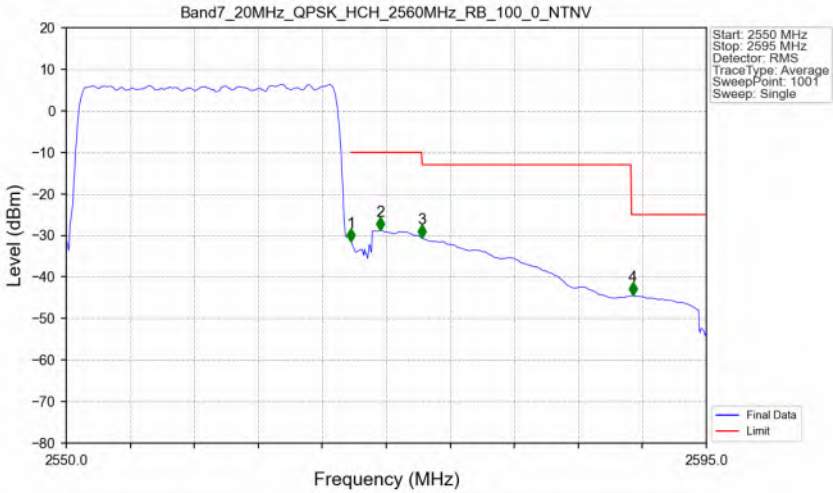


Band7 20MHz QPSK HCH 2560MHz RB 1 99 NTN



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	2570.010	-34.69	-10	Pass
2571	2575	1	CHP	2	2571.500	-40.67	-10	Pass
2575	2589.764	1	CHP	3	2575.200	-43.52	-13	Pass
2589.764	2595	1	CHP	4	2592.360	-48.63	-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	0.394	CHP	/	/	/	/	/
2570	2571	0.394	CHP	1	2570.025	-31.57	-10	Pass
2571	2575	1	CHP	2	2572.095	-28.73	-10	Pass
2575	2589.719	1	CHP	3	2575.020	-30.64	-13	Pass
2589.719	2595	1	CHP	4	2589.825	-44.49	-25	Pass