

1. Effective (Isotropic) Radiated Power Output Data

1.1 B7_5MHz_EIRP

1.1.1 Test Result

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	22.44	-0.50	21.94	<=33.01	Pass
			13	22.54	-0.50	22.04	<=33.01	Pass
			24	22.50	-0.50	22.00	<=33.01	Pass
		12	0	21.41	-0.50	20.91	<=33.01	Pass
			6	21.55	-0.50	21.05	<=33.01	Pass
			13	21.52	-0.50	21.02	<=33.01	Pass
		25	0	21.52	-0.50	21.02	<=33.01	Pass
	2535	1	0	22.99	-0.50	22.49	<=33.01	Pass
			13	23.06	-0.50	22.56	<=33.01	Pass
			24	23.04	-0.50	22.54	<=33.01	Pass
		12	0	21.95	-0.50	21.45	<=33.01	Pass
			6	22.01	-0.50	21.51	<=33.01	Pass
			13	22.06	-0.50	21.56	<=33.01	Pass
		25	0	21.99	-0.50	21.49	<=33.01	Pass
	2567.5	1	0	23.13	-0.50	22.63	<=33.01	Pass
			13	23.24	-0.50	22.74	<=33.01	Pass
			24	23.11	-0.50	22.61	<=33.01	Pass
		12	0	22.09	-0.50	21.59	<=33.01	Pass
			6	22.11	-0.50	21.61	<=33.01	Pass
			13	22.17	-0.50	21.67	<=33.01	Pass
		25	0	22.07	-0.50	21.57	<=33.01	Pass
16QAM	2502.5	1	0	21.49	-0.50	20.99	<=33.01	Pass
			13	21.64	-0.50	21.14	<=33.01	Pass
			24	21.67	-0.50	21.17	<=33.01	Pass
		12	0	20.39	-0.50	19.89	<=33.01	Pass
			6	20.55	-0.50	20.05	<=33.01	Pass
			13	20.49	-0.50	19.99	<=33.01	Pass
		25	0	20.52	-0.50	20.02	<=33.01	Pass
	2535	1	0	22.08	-0.50	21.58	<=33.01	Pass
			13	22.27	-0.50	21.77	<=33.01	Pass
			24	22.18	-0.50	21.68	<=33.01	Pass
		12	0	20.94	-0.50	20.44	<=33.01	Pass
			6	21.02	-0.50	20.52	<=33.01	Pass
			13	21.01	-0.50	20.51	<=33.01	Pass
		25	0	20.96	-0.50	20.46	<=33.01	Pass
	2567.5	1	0	22.19	-0.50	21.69	<=33.01	Pass
			13	22.35	-0.50	21.85	<=33.01	Pass
			24	22.26	-0.50	21.76	<=33.01	Pass
		12	0	21.07	-0.50	20.57	<=33.01	Pass
			6	21.12	-0.50	20.62	<=33.01	Pass
			13	21.10	-0.50	20.60	<=33.01	Pass
		25	0	21.07	-0.50	20.57	<=33.01	Pass
64QAM	2502.5	1	0	20.57	-0.50	20.07	<=33.01	Pass
			13	20.77	-0.50	20.27	<=33.01	Pass
			24	20.63	-0.50	20.13	<=33.01	Pass
		12	0	19.45	-0.50	18.95	<=33.01	Pass

		25	6	19.56	-0.50	19.06	<=33.01	Pass		
			13	19.51	-0.50	19.01	<=33.01	Pass		
			0	19.52	-0.50	19.02	<=33.01	Pass		
	2535	1	0	21.14	-0.50	20.64	<=33.01	Pass		
			13	21.24	-0.50	20.74	<=33.01	Pass		
			24	21.12	-0.50	20.62	<=33.01	Pass		
		12	0	20.00	-0.50	19.50	<=33.01	Pass		
			6	20.03	-0.50	19.53	<=33.01	Pass		
			13	20.07	-0.50	19.57	<=33.01	Pass		
		25	0	19.98	-0.50	19.48	<=33.01	Pass		
		2567.5	1	0	21.24	-0.50	20.74	<=33.01	Pass	
				13	21.34	-0.50	20.84	<=33.01	Pass	
	24			21.31	-0.50	20.81	<=33.01	Pass		
	12		0	20.11	-0.50	19.61	<=33.01	Pass		
			6	20.13	-0.50	19.63	<=33.01	Pass		
			13	20.19	-0.50	19.69	<=33.01	Pass		
	25		0	20.09	-0.50	19.59	<=33.01	Pass		
	256QAM		2502.5	1	0	17.51	-0.50	17.01	<=33.01	Pass
					13	17.65	-0.50	17.15	<=33.01	Pass
		24			17.58	-0.50	17.08	<=33.01	Pass	
		12		0	17.45	-0.50	16.95	<=33.01	Pass	
				6	17.56	-0.50	17.06	<=33.01	Pass	
				13	17.54	-0.50	17.04	<=33.01	Pass	
		25		0	17.51	-0.50	17.01	<=33.01	Pass	
2535		1		0	18.12	-0.50	17.62	<=33.01	Pass	
				13	18.18	-0.50	17.68	<=33.01	Pass	
			24	18.16	-0.50	17.66	<=33.01	Pass		
		12	0	18.02	-0.50	17.52	<=33.01	Pass		
			6	18.01	-0.50	17.51	<=33.01	Pass		
			13	18.07	-0.50	17.57	<=33.01	Pass		
		25	0	17.98	-0.50	17.48	<=33.01	Pass		
		2567.5	1	0	18.09	-0.50	17.59	<=33.01	Pass	
				13	18.30	-0.50	17.80	<=33.01	Pass	
24				18.33	-0.50	17.83	<=33.01	Pass		
12			0	18.10	-0.50	17.60	<=33.01	Pass		
			6	18.14	-0.50	17.64	<=33.01	Pass		
			13	18.19	-0.50	17.69	<=33.01	Pass		
25			0	18.08	-0.50	17.58	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.2 B7_10MHz_EIRP

1.2.1 Test Result

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	22.44	-0.50	21.94	<=33.01	Pass
			25	22.55	-0.50	22.05	<=33.01	Pass
			49	22.61	-0.50	22.11	<=33.01	Pass
		25	0	21.44	-0.50	20.94	<=33.01	Pass
			13	21.59	-0.50	21.09	<=33.01	Pass
			25	21.58	-0.50	21.08	<=33.01	Pass
		50	0	21.56	-0.50	21.06	<=33.01	Pass
	2535	1	0	22.92	-0.50	22.42	<=33.01	Pass
			0					

		25	25	22.96	-0.50	22.46	<=33.01	Pass
			49	22.97	-0.50	22.47	<=33.01	Pass
			0	21.95	-0.50	21.45	<=33.01	Pass
			13	21.97	-0.50	21.47	<=33.01	Pass
			25	22.02	-0.50	21.52	<=33.01	Pass
		50	0	21.93	-0.50	21.43	<=33.01	Pass
	2565	1	0	23.13	-0.50	22.63	<=33.01	Pass
			25	23.15	-0.50	22.65	<=33.01	Pass
			49	23.06	-0.50	22.56	<=33.01	Pass
		25	0	22.10	-0.50	21.60	<=33.01	Pass
			13	22.18	-0.50	21.68	<=33.01	Pass
			25	22.11	-0.50	21.61	<=33.01	Pass
		50	0	22.14	-0.50	21.64	<=33.01	Pass
16QAM	2505	1	0	21.65	-0.50	21.15	<=33.01	Pass
			25	21.81	-0.50	21.31	<=33.01	Pass
			49	21.72	-0.50	21.22	<=33.01	Pass
		25	0	20.50	-0.50	20.00	<=33.01	Pass
			13	20.61	-0.50	20.11	<=33.01	Pass
			25	20.61	-0.50	20.11	<=33.01	Pass
		50	0	20.56	-0.50	20.06	<=33.01	Pass
	2535	1	0	22.08	-0.50	21.58	<=33.01	Pass
			25	22.09	-0.50	21.59	<=33.01	Pass
			49	22.08	-0.50	21.58	<=33.01	Pass
		25	0	20.98	-0.50	20.48	<=33.01	Pass
			13	21.01	-0.50	20.51	<=33.01	Pass
			25	21.02	-0.50	20.52	<=33.01	Pass
		50	0	20.95	-0.50	20.45	<=33.01	Pass
	2565	1	0	22.31	-0.50	21.81	<=33.01	Pass
			25	22.32	-0.50	21.82	<=33.01	Pass
			49	22.17	-0.50	21.67	<=33.01	Pass
		25	0	21.13	-0.50	20.63	<=33.01	Pass
			13	21.22	-0.50	20.72	<=33.01	Pass
			25	21.14	-0.50	20.64	<=33.01	Pass
		50	0	21.15	-0.50	20.65	<=33.01	Pass
64QAM	2505	1	0	20.59	-0.50	20.09	<=33.01	Pass
			25	20.77	-0.50	20.27	<=33.01	Pass
			49	20.74	-0.50	20.24	<=33.01	Pass
		25	0	19.50	-0.50	19.00	<=33.01	Pass
			13	19.60	-0.50	19.10	<=33.01	Pass
			25	19.59	-0.50	19.09	<=33.01	Pass
		50	0	19.54	-0.50	19.04	<=33.01	Pass
	2535	1	0	21.12	-0.50	20.62	<=33.01	Pass
			25	21.20	-0.50	20.70	<=33.01	Pass
			49	21.18	-0.50	20.68	<=33.01	Pass
		25	0	19.96	-0.50	19.46	<=33.01	Pass
			13	19.98	-0.50	19.48	<=33.01	Pass
			25	20.04	-0.50	19.54	<=33.01	Pass
		50	0	19.97	-0.50	19.47	<=33.01	Pass
	2565	1	0	21.27	-0.50	20.77	<=33.01	Pass
			25	21.24	-0.50	20.74	<=33.01	Pass
			49	21.14	-0.50	20.64	<=33.01	Pass
		25	0	20.12	-0.50	19.62	<=33.01	Pass
			13	20.19	-0.50	19.69	<=33.01	Pass
			25	20.13	-0.50	19.63	<=33.01	Pass
		50	0	20.14	-0.50	19.64	<=33.01	Pass
256QAM	2505	1	0	17.57	-0.50	17.07	<=33.01	Pass
			25	17.65	-0.50	17.15	<=33.01	Pass

		25	49	17.66	-0.50	17.16	<=33.01	Pass	
			0	17.44	-0.50	16.94	<=33.01	Pass	
			13	17.61	-0.50	17.11	<=33.01	Pass	
			25	17.63	-0.50	17.13	<=33.01	Pass	
		50	0	17.54	-0.50	17.04	<=33.01	Pass	
	2535	1	0	18.00	-0.50	17.50	<=33.01	Pass	
			25	18.07	-0.50	17.57	<=33.01	Pass	
			49	18.02	-0.50	17.52	<=33.01	Pass	
		25	0	17.93	-0.50	17.43	<=33.01	Pass	
			13	18.00	-0.50	17.50	<=33.01	Pass	
			25	18.01	-0.50	17.51	<=33.01	Pass	
		50	0	17.94	-0.50	17.44	<=33.01	Pass	
		2565	1	0	18.14	-0.50	17.64	<=33.01	Pass
				25	18.26	-0.50	17.76	<=33.01	Pass
	49			18.22	-0.50	17.72	<=33.01	Pass	
	25		0	18.07	-0.50	17.57	<=33.01	Pass	
			13	18.17	-0.50	17.67	<=33.01	Pass	
			25	18.10	-0.50	17.60	<=33.01	Pass	
	50		0	18.14	-0.50	17.64	<=33.01	Pass	
	Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B7_15MHz_EIRP

1.3.1 Test Result

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	22.20	-0.50	21.70	<=33.01	Pass
			38	22.38	-0.50	21.88	<=33.01	Pass
			74	22.48	-0.50	21.98	<=33.01	Pass
		36	0	21.32	-0.50	20.82	<=33.01	Pass
			18	21.45	-0.50	20.95	<=33.01	Pass
			39	21.48	-0.50	20.98	<=33.01	Pass
		75	0	21.48	-0.50	20.98	<=33.01	Pass
	2535	1	0	22.68	-0.50	22.18	<=33.01	Pass
			38	22.82	-0.50	22.32	<=33.01	Pass
			74	22.80	-0.50	22.30	<=33.01	Pass
		36	0	21.74	-0.50	21.24	<=33.01	Pass
			18	21.78	-0.50	21.28	<=33.01	Pass
			39	21.84	-0.50	21.34	<=33.01	Pass
		75	0	21.81	-0.50	21.31	<=33.01	Pass
	2562.5	1	0	22.97	-0.50	22.47	<=33.01	Pass
			38	22.99	-0.50	22.49	<=33.01	Pass
			74	22.84	-0.50	22.34	<=33.01	Pass
		36	0	21.99	-0.50	21.49	<=33.01	Pass
			18	22.05	-0.50	21.55	<=33.01	Pass
			39	21.99	-0.50	21.49	<=33.01	Pass
		75	0	22.03	-0.50	21.53	<=33.01	Pass
16QAM	2507.5	1	0	21.31	-0.50	20.81	<=33.01	Pass
			38	21.57	-0.50	21.07	<=33.01	Pass
			74	21.55	-0.50	21.05	<=33.01	Pass
		36	0	20.34	-0.50	19.84	<=33.01	Pass
			18	20.46	-0.50	19.96	<=33.01	Pass
			39	20.51	-0.50	20.01	<=33.01	Pass

		75	0	20.45	-0.50	19.95	<=33.01	Pass
	2535	1	0	21.89	-0.50	21.39	<=33.01	Pass
			38	21.99	-0.50	21.49	<=33.01	Pass
			74	21.93	-0.50	21.43	<=33.01	Pass
			0	20.74	-0.50	20.24	<=33.01	Pass
		36	18	20.80	-0.50	20.30	<=33.01	Pass
			39	20.83	-0.50	20.33	<=33.01	Pass
			75	0	20.77	-0.50	20.27	<=33.01
	2562.5	1	0	22.05	-0.50	21.55	<=33.01	Pass
			38	22.15	-0.50	21.65	<=33.01	Pass
			74	22.07	-0.50	21.57	<=33.01	Pass
			0	20.99	-0.50	20.49	<=33.01	Pass
		36	18	21.06	-0.50	20.56	<=33.01	Pass
			39	20.95	-0.50	20.45	<=33.01	Pass
			75	0	21.04	-0.50	20.54	<=33.01
64QAM	2507.5	1	0	20.50	-0.50	20.00	<=33.01	Pass
			38	20.61	-0.50	20.11	<=33.01	Pass
			74	20.71	-0.50	20.21	<=33.01	Pass
		36	0	19.36	-0.50	18.86	<=33.01	Pass
			18	19.46	-0.50	18.96	<=33.01	Pass
			39	19.48	-0.50	18.98	<=33.01	Pass
		75	0	19.46	-0.50	18.96	<=33.01	Pass
	2535	1	0	20.77	-0.50	20.27	<=33.01	Pass
			38	21.01	-0.50	20.51	<=33.01	Pass
			74	20.94	-0.50	20.44	<=33.01	Pass
		36	0	19.78	-0.50	19.28	<=33.01	Pass
			18	19.78	-0.50	19.28	<=33.01	Pass
			39	19.84	-0.50	19.34	<=33.01	Pass
		75	0	19.79	-0.50	19.29	<=33.01	Pass
	2562.5	1	0	21.22	-0.50	20.72	<=33.01	Pass
			38	21.15	-0.50	20.65	<=33.01	Pass
			74	20.99	-0.50	20.49	<=33.01	Pass
		36	0	20.01	-0.50	19.51	<=33.01	Pass
			18	20.06	-0.50	19.56	<=33.01	Pass
			39	19.96	-0.50	19.46	<=33.01	Pass
		75	0	20.07	-0.50	19.57	<=33.01	Pass
256QAM	2507.5	1	0	17.31	-0.50	16.81	<=33.01	Pass
			38	17.53	-0.50	17.03	<=33.01	Pass
			74	17.70	-0.50	17.20	<=33.01	Pass
		36	0	17.37	-0.50	16.87	<=33.01	Pass
			18	17.45	-0.50	16.95	<=33.01	Pass
			39	17.50	-0.50	17.00	<=33.01	Pass
		75	0	17.46	-0.50	16.96	<=33.01	Pass
	2535	1	0	17.75	-0.50	17.25	<=33.01	Pass
			38	17.88	-0.50	17.38	<=33.01	Pass
			74	18.03	-0.50	17.53	<=33.01	Pass
		36	0	17.83	-0.50	17.33	<=33.01	Pass
			18	17.85	-0.50	17.35	<=33.01	Pass
			39	17.92	-0.50	17.42	<=33.01	Pass
		75	0	17.83	-0.50	17.33	<=33.01	Pass
	2562.5	1	0	17.98	-0.50	17.48	<=33.01	Pass
			38	18.12	-0.50	17.62	<=33.01	Pass
			74	18.21	-0.50	17.71	<=33.01	Pass
		36	0	18.02	-0.50	17.52	<=33.01	Pass
			18	18.05	-0.50	17.55	<=33.01	Pass
			39	17.98	-0.50	17.48	<=33.01	Pass
		75	0	18.04	-0.50	17.54	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B7_20MHz_EIRP

1.4.1 Test Result

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	22.20	-0.50	21.70	<=33.01	Pass
			50	22.47	-0.50	21.97	<=33.01	Pass
			99	22.52	-0.50	22.02	<=33.01	Pass
		50	0	21.39	-0.50	20.89	<=33.01	Pass
			25	21.55	-0.50	21.05	<=33.01	Pass
			50	21.56	-0.50	21.06	<=33.01	Pass
		100	0	21.52	-0.50	21.02	<=33.01	Pass
	2535	1	0	22.75	-0.50	22.25	<=33.01	Pass
			50	22.80	-0.50	22.30	<=33.01	Pass
			99	22.80	-0.50	22.30	<=33.01	Pass
		50	0	21.77	-0.50	21.27	<=33.01	Pass
			25	21.79	-0.50	21.29	<=33.01	Pass
			50	21.87	-0.50	21.37	<=33.01	Pass
		100	0	21.80	-0.50	21.30	<=33.01	Pass
	2560	1	0	23.01	-0.50	22.51	<=33.01	Pass
			50	23.03	-0.50	22.53	<=33.01	Pass
			99	22.81	-0.50	22.31	<=33.01	Pass
		50	0	22.03	-0.50	21.53	<=33.01	Pass
			25	22.00	-0.50	21.50	<=33.01	Pass
			50	22.00	-0.50	21.50	<=33.01	Pass
		100	0	22.00	-0.50	21.50	<=33.01	Pass
16QAM	2510	1	0	21.52	-0.50	21.02	<=33.01	Pass
			50	21.72	-0.50	21.22	<=33.01	Pass
			99	21.77	-0.50	21.27	<=33.01	Pass
		50	0	20.39	-0.50	19.89	<=33.01	Pass
			25	20.54	-0.50	20.04	<=33.01	Pass
			50	20.54	-0.50	20.04	<=33.01	Pass
		100	0	20.52	-0.50	20.02	<=33.01	Pass
	2535	1	0	22.02	-0.50	21.52	<=33.01	Pass
			50	22.07	-0.50	21.57	<=33.01	Pass
			99	22.09	-0.50	21.59	<=33.01	Pass
		50	0	20.77	-0.50	20.27	<=33.01	Pass
			25	20.78	-0.50	20.28	<=33.01	Pass
			50	20.87	-0.50	20.37	<=33.01	Pass
		100	0	20.80	-0.50	20.30	<=33.01	Pass
	2560	1	0	22.08	-0.50	21.58	<=33.01	Pass
			50	22.01	-0.50	21.51	<=33.01	Pass
			99	21.89	-0.50	21.39	<=33.01	Pass
		50	0	21.07	-0.50	20.57	<=33.01	Pass
			25	21.01	-0.50	20.51	<=33.01	Pass
			50	20.99	-0.50	20.49	<=33.01	Pass
		100	0	20.97	-0.50	20.47	<=33.01	Pass
64QAM	2510	1	0	20.33	-0.50	19.83	<=33.01	Pass
			50	20.62	-0.50	20.12	<=33.01	Pass
			99	20.77	-0.50	20.27	<=33.01	Pass
		50	0	19.35	-0.50	18.85	<=33.01	Pass

		100	25	19.54	-0.50	19.04	<=33.01	Pass	
			50	19.54	-0.50	19.04	<=33.01	Pass	
			0	19.49	-0.50	18.99	<=33.01	Pass	
	2535	1	0	20.85	-0.50	20.35	<=33.01	Pass	
			50	21.08	-0.50	20.58	<=33.01	Pass	
			99	21.06	-0.50	20.56	<=33.01	Pass	
		50	0	19.77	-0.50	19.27	<=33.01	Pass	
			25	19.81	-0.50	19.31	<=33.01	Pass	
			50	19.85	-0.50	19.35	<=33.01	Pass	
		100	0	19.78	-0.50	19.28	<=33.01	Pass	
		2560	1	0	21.16	-0.50	20.66	<=33.01	Pass
				50	21.14	-0.50	20.64	<=33.01	Pass
	99			21.03	-0.50	20.53	<=33.01	Pass	
	50		0	20.05	-0.50	19.55	<=33.01	Pass	
			25	20.01	-0.50	19.51	<=33.01	Pass	
			50	19.95	-0.50	19.45	<=33.01	Pass	
	100	0	19.97	-0.50	19.47	<=33.01	Pass		
256QAM	2510	1	0	17.43	-0.50	16.93	<=33.01	Pass	
			50	17.46	-0.50	16.96	<=33.01	Pass	
			99	17.86	-0.50	17.36	<=33.01	Pass	
		50	0	17.40	-0.50	16.90	<=33.01	Pass	
			25	17.55	-0.50	17.05	<=33.01	Pass	
			50	17.55	-0.50	17.05	<=33.01	Pass	
		100	0	17.52	-0.50	17.02	<=33.01	Pass	
	2535	1	0	17.82	-0.50	17.32	<=33.01	Pass	
			50	17.83	-0.50	17.33	<=33.01	Pass	
			99	18.11	-0.50	17.61	<=33.01	Pass	
		50	0	17.81	-0.50	17.31	<=33.01	Pass	
			25	17.80	-0.50	17.30	<=33.01	Pass	
			50	17.88	-0.50	17.38	<=33.01	Pass	
		100	0	17.79	-0.50	17.29	<=33.01	Pass	
	2560	1	0	18.03	-0.50	17.53	<=33.01	Pass	
			50	18.17	-0.50	17.67	<=33.01	Pass	
			99	18.27	-0.50	17.77	<=33.01	Pass	
		50	0	18.02	-0.50	17.52	<=33.01	Pass	
			25	17.96	-0.50	17.46	<=33.01	Pass	
			50	18.01	-0.50	17.51	<=33.01	Pass	
		100	0	17.97	-0.50	17.47	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

2. Frequency Stability

2.1 B7_20MHz

2.1.1 Test Result

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	3.65	-0.252	-0.0001	-2.5 to 2.5	Pass
					3.87	-1.667	-0.0007	-2.5 to 2.5	Pass
					4.45	0.074	0.0000	-2.5 to 2.5	Pass
				-30	3.87	1.027	0.0004	-2.5 to 2.5	Pass
				-20	3.87	-1.256	-0.0005	-2.5 to 2.5	Pass

				-10	3.87	-1.224	-0.0005	-2.5 to 2.5	Pass
				0	3.87	-0.673	-0.0003	-2.5 to 2.5	Pass
				10	3.87	-2.786	-0.0011	-2.5 to 2.5	Pass
				30	3.87	-1.422	-0.0006	-2.5 to 2.5	Pass
				40	3.87	-1.452	-0.0006	-2.5 to 2.5	Pass
				50	3.87	1.053	0.0004	-2.5 to 2.5	Pass
	2535	100	0	20	3.65	0.037	0.0000	-2.5 to 2.5	Pass
					3.87	-0.191	-0.0001	-2.5 to 2.5	Pass
					4.45	0.325	0.0001	-2.5 to 2.5	Pass
				-30	3.87	1.140	0.0004	-2.5 to 2.5	Pass
				-20	3.87	-1.497	-0.0006	-2.5 to 2.5	Pass
				-10	3.87	0.543	0.0002	-2.5 to 2.5	Pass
				0	3.87	0.282	0.0001	-2.5 to 2.5	Pass
				10	3.87	1.808	0.0007	-2.5 to 2.5	Pass
				30	3.87	2.205	0.0009	-2.5 to 2.5	Pass
				40	3.87	-2.255	-0.0009	-2.5 to 2.5	Pass
				50	3.87	-0.165	-0.0001	-2.5 to 2.5	Pass
				20	3.65	0.023	0.0000	-2.5 to 2.5	Pass
					3.87	0.890	0.0003	-2.5 to 2.5	Pass
					4.45	0.733	0.0003	-2.5 to 2.5	Pass
	2560	100	0	-30	3.87	-0.301	-0.0001	-2.5 to 2.5	Pass
				-20	3.87	-0.627	-0.0002	-2.5 to 2.5	Pass
				-10	3.87	1.947	0.0008	-2.5 to 2.5	Pass
				0	3.87	2.138	0.0008	-2.5 to 2.5	Pass
				10	3.87	0.460	0.0002	-2.5 to 2.5	Pass
				30	3.87	0.434	0.0002	-2.5 to 2.5	Pass
				40	3.87	-2.779	-0.0011	-2.5 to 2.5	Pass
				50	3.87	-1.254	-0.0005	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.65	0.678	0.0003	-2.5 to 2.5	Pass
					3.87	-0.648	-0.0003	-2.5 to 2.5	Pass
					4.45	1.145	0.0005	-2.5 to 2.5	Pass
				-30	3.87	-1.655	-0.0007	-2.5 to 2.5	Pass
				-20	3.87	-0.926	-0.0004	-2.5 to 2.5	Pass
				-10	3.87	-0.923	-0.0004	-2.5 to 2.5	Pass
				0	3.87	-1.551	-0.0006	-2.5 to 2.5	Pass
				10	3.87	-1.698	-0.0007	-2.5 to 2.5	Pass
				30	3.87	1.823	0.0007	-2.5 to 2.5	Pass
				40	3.87	-2.148	-0.0009	-2.5 to 2.5	Pass
				50	3.87	-0.367	-0.0001	-2.5 to 2.5	Pass
	2535	100	0	20	3.65	-0.081	0.0000	-2.5 to 2.5	Pass
					3.87	0.014	0.0000	-2.5 to 2.5	Pass
					4.45	-0.413	-0.0002	-2.5 to 2.5	Pass
				-30	3.87	-2.915	-0.0011	-2.5 to 2.5	Pass
				-20	3.87	-1.108	-0.0004	-2.5 to 2.5	Pass
				-10	3.87	0.116	0.0000	-2.5 to 2.5	Pass
				0	3.87	-0.560	-0.0002	-2.5 to 2.5	Pass
				10	3.87	1.855	0.0007	-2.5 to 2.5	Pass
				30	3.87	0.557	0.0002	-2.5 to 2.5	Pass
				40	3.87	1.048	0.0004	-2.5 to 2.5	Pass
				50	3.87	0.612	0.0002	-2.5 to 2.5	Pass
	2560	100	0	20	3.65	-2.940	-0.0011	-2.5 to 2.5	Pass
					3.87	1.645	0.0006	-2.5 to 2.5	Pass
					4.45	1.187	0.0005	-2.5 to 2.5	Pass
				-30	3.87	-0.643	-0.0003	-2.5 to 2.5	Pass
				-20	3.87	0.007	0.0000	-2.5 to 2.5	Pass
				-10	3.87	-0.641	-0.0003	-2.5 to 2.5	Pass
				0	3.87	-0.380	-0.0001	-2.5 to 2.5	Pass

				10	3.87	0.593	0.0002	-2.5 to 2.5	Pass
				30	3.87	-2.451	-0.0010	-2.5 to 2.5	Pass
				40	3.87	-1.621	-0.0006	-2.5 to 2.5	Pass
				50	3.87	-0.863	-0.0003	-2.5 to 2.5	Pass
64QAM	2510	100	0	20	3.65	0.131	0.0001	-2.5 to 2.5	Pass
					3.87	0.220	0.0001	-2.5 to 2.5	Pass
					4.45	-0.637	-0.0003	-2.5 to 2.5	Pass
				-30	3.87	-0.450	-0.0002	-2.5 to 2.5	Pass
				-20	3.87	-0.805	-0.0003	-2.5 to 2.5	Pass
				-10	3.87	-0.017	0.0000	-2.5 to 2.5	Pass
				0	3.87	-0.311	-0.0001	-2.5 to 2.5	Pass
				10	3.87	-0.321	-0.0001	-2.5 to 2.5	Pass
				30	3.87	0.901	0.0004	-2.5 to 2.5	Pass
				40	3.87	-0.696	-0.0003	-2.5 to 2.5	Pass
				50	3.87	1.475	0.0006	-2.5 to 2.5	Pass
	2535	100	0	20	3.65	1.283	0.0005	-2.5 to 2.5	Pass
					3.87	-0.285	-0.0001	-2.5 to 2.5	Pass
					4.45	-0.318	-0.0001	-2.5 to 2.5	Pass
				-30	3.87	0.449	0.0002	-2.5 to 2.5	Pass
				-20	3.87	-0.946	-0.0004	-2.5 to 2.5	Pass
				-10	3.87	0.109	0.0000	-2.5 to 2.5	Pass
				0	3.87	0.618	0.0002	-2.5 to 2.5	Pass
				10	3.87	0.550	0.0002	-2.5 to 2.5	Pass
				30	3.87	1.326	0.0005	-2.5 to 2.5	Pass
				40	3.87	-0.104	0.0000	-2.5 to 2.5	Pass
				50	3.87	1.881	0.0007	-2.5 to 2.5	Pass
	2560	100	0	20	3.65	-0.009	0.0000	-2.5 to 2.5	Pass
					3.87	-0.472	-0.0002	-2.5 to 2.5	Pass
					4.45	-0.277	-0.0001	-2.5 to 2.5	Pass
				-30	3.87	-0.207	-0.0001	-2.5 to 2.5	Pass
				-20	3.87	-0.960	-0.0004	-2.5 to 2.5	Pass
				-10	3.87	0.343	0.0001	-2.5 to 2.5	Pass
				0	3.87	-1.021	-0.0004	-2.5 to 2.5	Pass
				10	3.87	0.001	0.0000	-2.5 to 2.5	Pass
				30	3.87	-1.473	-0.0006	-2.5 to 2.5	Pass
				40	3.87	-1.881	-0.0007	-2.5 to 2.5	Pass
				50	3.87	-0.078	0.0000	-2.5 to 2.5	Pass
256QAM	2510	100	0	20	3.65	-0.381	-0.0002	-2.5 to 2.5	Pass
					3.87	-0.539	-0.0002	-2.5 to 2.5	Pass
					4.45	1.846	0.0007	-2.5 to 2.5	Pass
				-30	3.87	1.842	0.0007	-2.5 to 2.5	Pass
				-20	3.87	-0.426	-0.0002	-2.5 to 2.5	Pass
				-10	3.87	0.185	0.0001	-2.5 to 2.5	Pass
				0	3.87	-1.461	-0.0006	-2.5 to 2.5	Pass
				10	3.87	1.240	0.0005	-2.5 to 2.5	Pass
				30	3.87	-1.511	-0.0006	-2.5 to 2.5	Pass
				40	3.87	-0.771	-0.0003	-2.5 to 2.5	Pass
				50	3.87	2.548	0.0010	-2.5 to 2.5	Pass
	2535	100	0	20	3.65	1.421	0.0006	-2.5 to 2.5	Pass
					3.87	-0.969	-0.0004	-2.5 to 2.5	Pass
					4.45	2.431	0.0010	-2.5 to 2.5	Pass
				-30	3.87	1.899	0.0007	-2.5 to 2.5	Pass
				-20	3.87	-0.199	-0.0001	-2.5 to 2.5	Pass
				-10	3.87	-0.490	-0.0002	-2.5 to 2.5	Pass
				0	3.87	-1.062	-0.0004	-2.5 to 2.5	Pass
				10	3.87	0.153	0.0001	-2.5 to 2.5	Pass
				30	3.87	0.232	0.0001	-2.5 to 2.5	Pass

	2560	100	0	40	3.87	-0.548	-0.0002	-2.5 to 2.5	Pass
				50	3.87	-0.155	-0.0001	-2.5 to 2.5	Pass
				20	3.65	0.263	0.0001	-2.5 to 2.5	Pass
					3.87	1.088	0.0004	-2.5 to 2.5	Pass
					4.45	0.826	0.0003	-2.5 to 2.5	Pass
				-30	3.87	0.310	0.0001	-2.5 to 2.5	Pass
				-20	3.87	-1.483	-0.0006	-2.5 to 2.5	Pass
				-10	3.87	1.880	0.0007	-2.5 to 2.5	Pass
				0	3.87	1.819	0.0007	-2.5 to 2.5	Pass
				10	3.87	-1.543	-0.0006	-2.5 to 2.5	Pass
				30	3.87	-1.786	-0.0007	-2.5 to 2.5	Pass
				40	3.87	-0.034	0.0000	-2.5 to 2.5	Pass
				50	3.87	-1.846	-0.0007	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

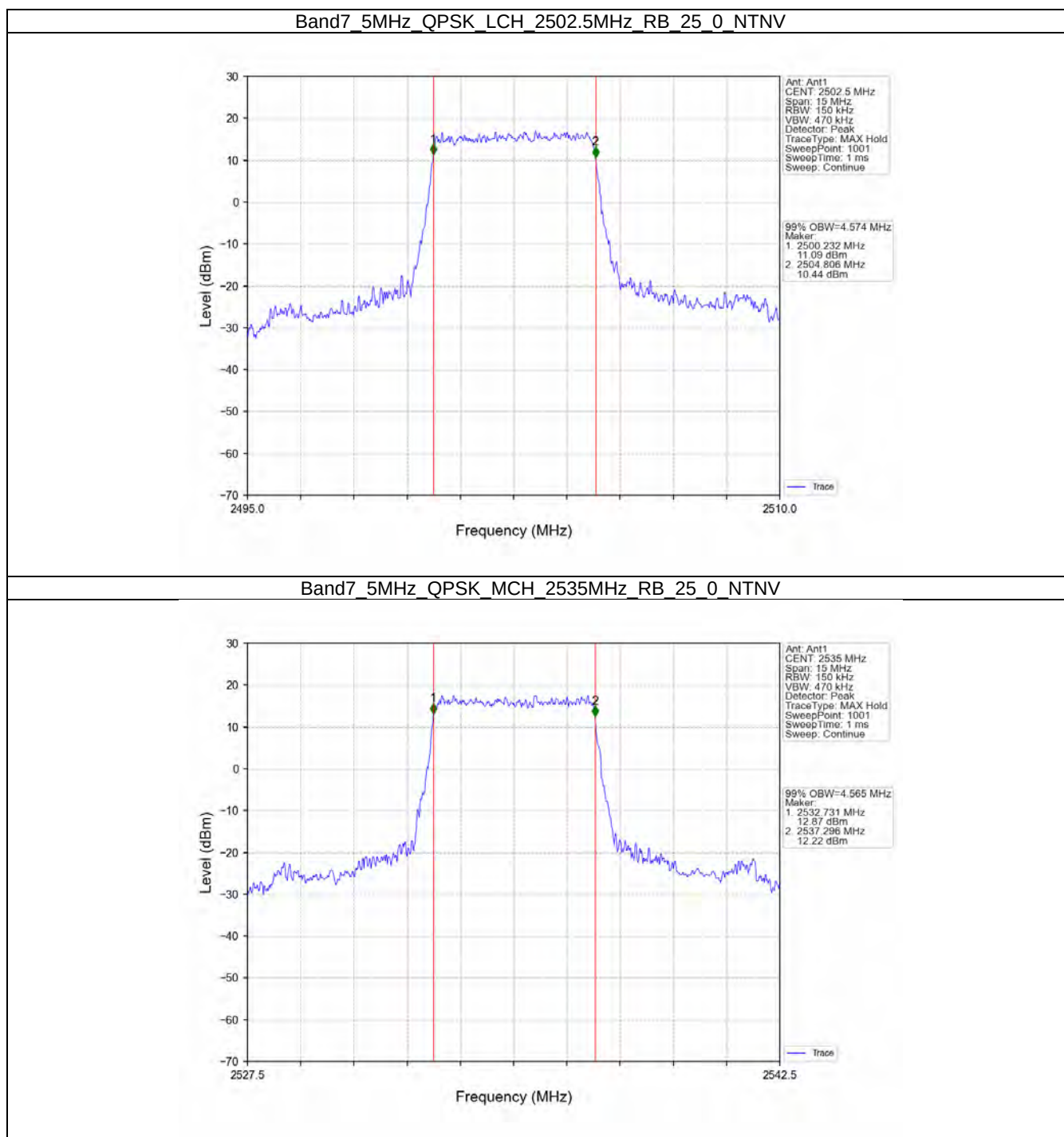
3.1 Band7_OBW

3.1.1 Test Result

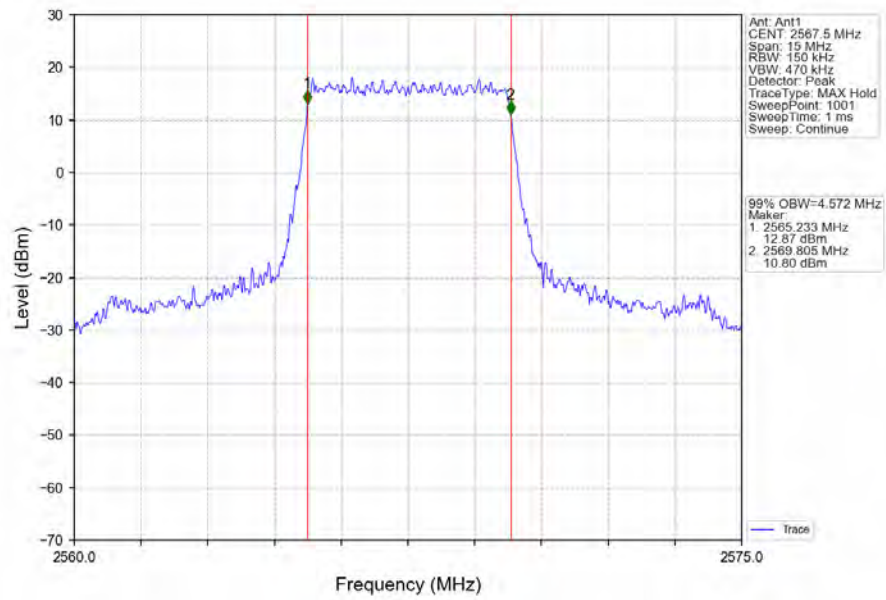
Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.574	/	Pass
		2535	25	0	4.565	/	Pass
		2567.5	25	0	4.572	/	Pass
	16QAM	2502.5	25	0	4.565	/	Pass
		2535	25	0	4.576	/	Pass
		2567.5	25	0	4.576	/	Pass
	64QAM	2502.5	25	0	4.573	/	Pass
		2535	25	0	4.582	/	Pass
		2567.5	25	0	4.567	/	Pass
	256QAM	2502.5	25	0	4.583	/	Pass
		2535	25	0	4.587	/	Pass
		2567.5	25	0	4.562	/	Pass
10	QPSK	2505	50	0	9.073	/	Pass
		2535	50	0	9.074	/	Pass
		2565	50	0	9.064	/	Pass
	16QAM	2505	50	0	9.080	/	Pass
		2535	50	0	9.095	/	Pass
		2565	50	0	9.072	/	Pass
	64QAM	2505	50	0	9.068	/	Pass
		2535	50	0	9.089	/	Pass
		2565	50	0	9.109	/	Pass
	256QAM	2505	50	0	9.064	/	Pass
		2535	50	0	9.061	/	Pass
		2565	50	0	9.078	/	Pass
15	QPSK	2507.5	75	0	13.578	/	Pass
		2535	75	0	13.606	/	Pass
		2562.5	75	0	13.585	/	Pass
	16QAM	2507.5	75	0	13.581	/	Pass
		2535	75	0	13.655	/	Pass
		2562.5	75	0	13.611	/	Pass
	64QAM	2507.5	75	0	13.600	/	Pass

	256QAM	2535	75	0	13.595	/	Pass
		2562.5	75	0	13.645	/	Pass
		2507.5	75	0	13.574	/	Pass
		2535	75	0	13.627	/	Pass
		2562.5	75	0	13.649	/	Pass
20	QPSK	2510	100	0	18.115	/	Pass
		2535	100	0	18.153	/	Pass
		2560	100	0	18.130	/	Pass
	16QAM	2510	100	0	18.137	/	Pass
		2535	100	0	18.133	/	Pass
		2560	100	0	18.149	/	Pass
	64QAM	2510	100	0	18.060	/	Pass
		2535	100	0	18.120	/	Pass
		2560	100	0	18.129	/	Pass
	256QAM	2510	100	0	18.071	/	Pass
		2535	100	0	18.171	/	Pass
		2560	100	0	18.157	/	Pass

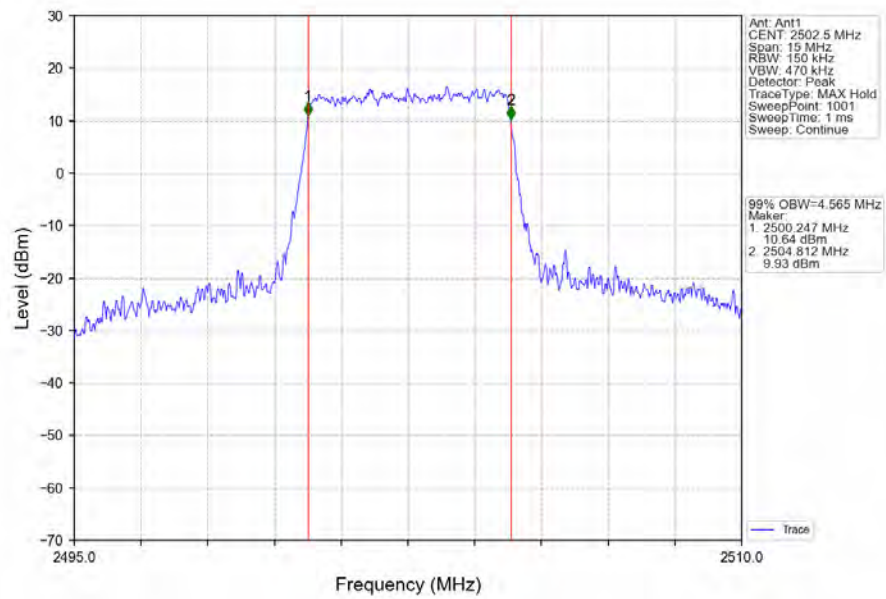
3.1.2 Test Graph



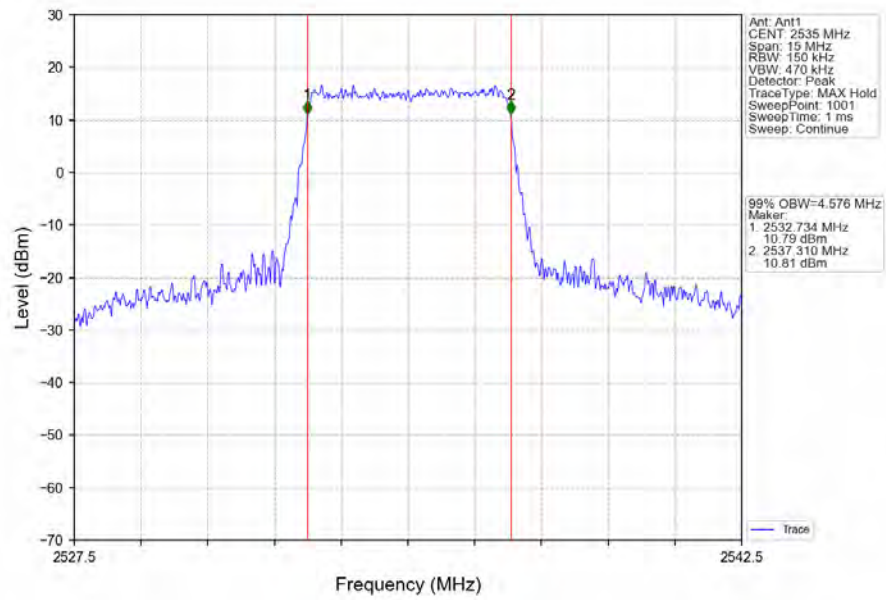
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



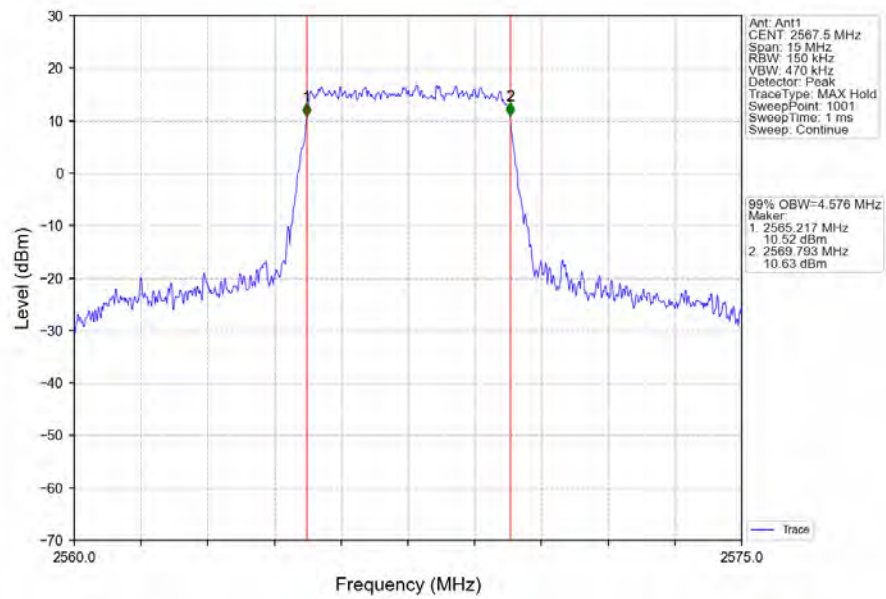
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



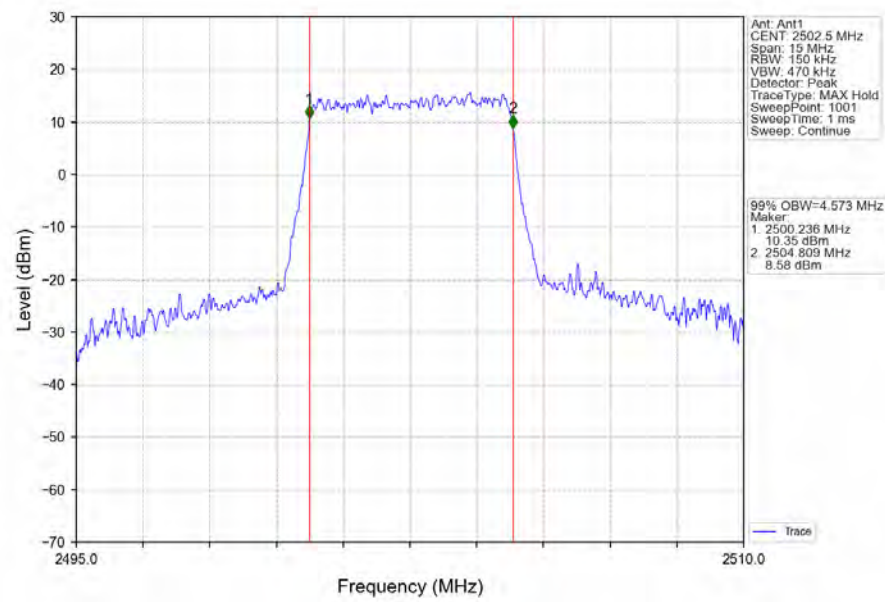
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



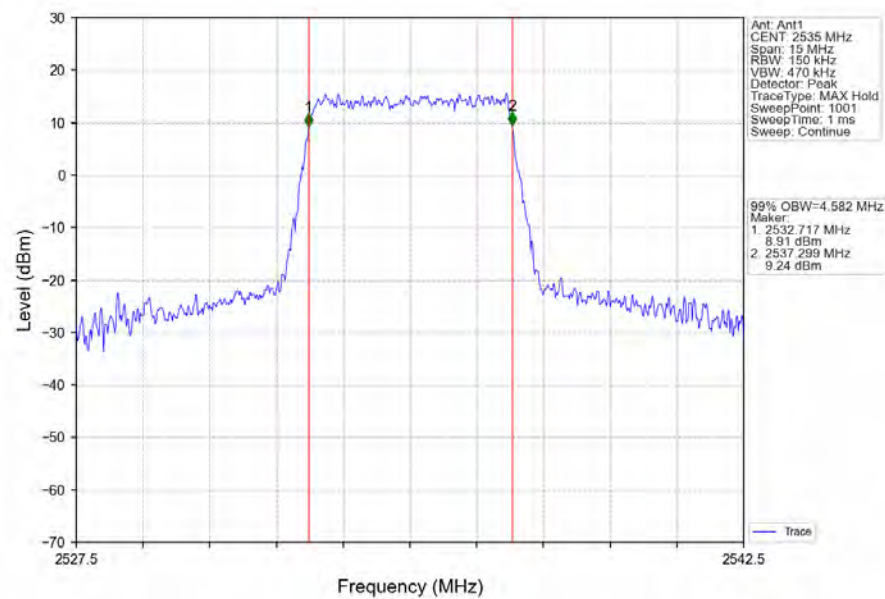
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



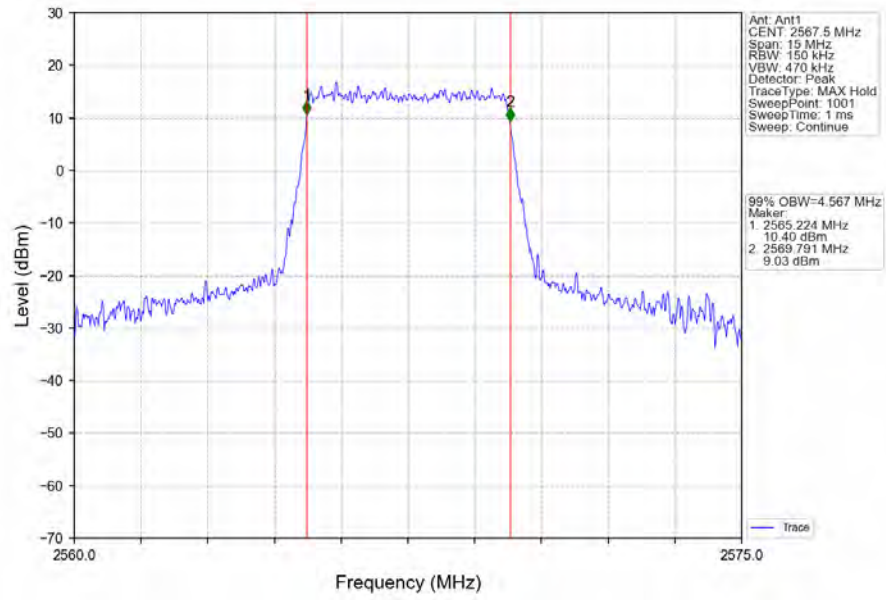
Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



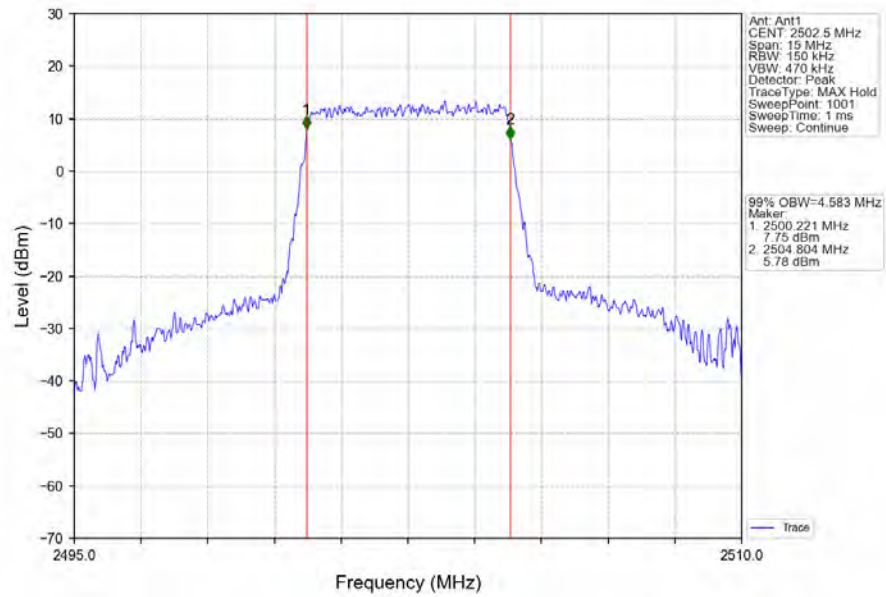
Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



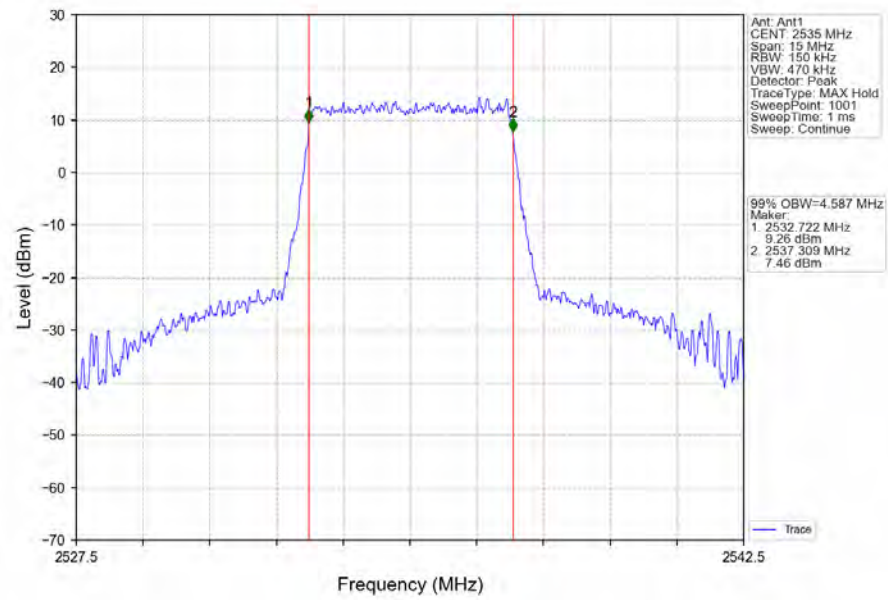
Band7 5MHz 64QAM HCH 2567.5MHz RB 25 0 NTNV



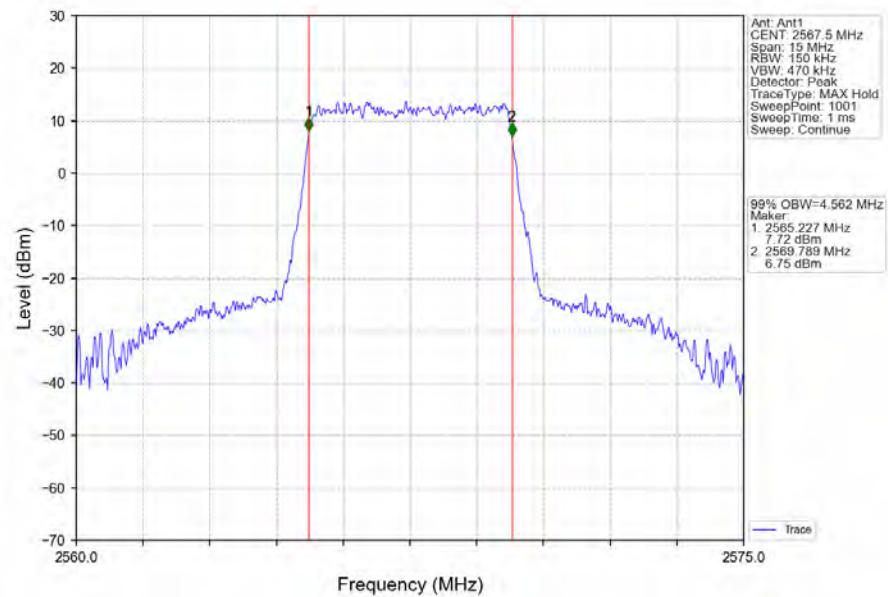
Band7 5MHz 256QAM LCH 2502.5MHz RB 25 0 NTNV



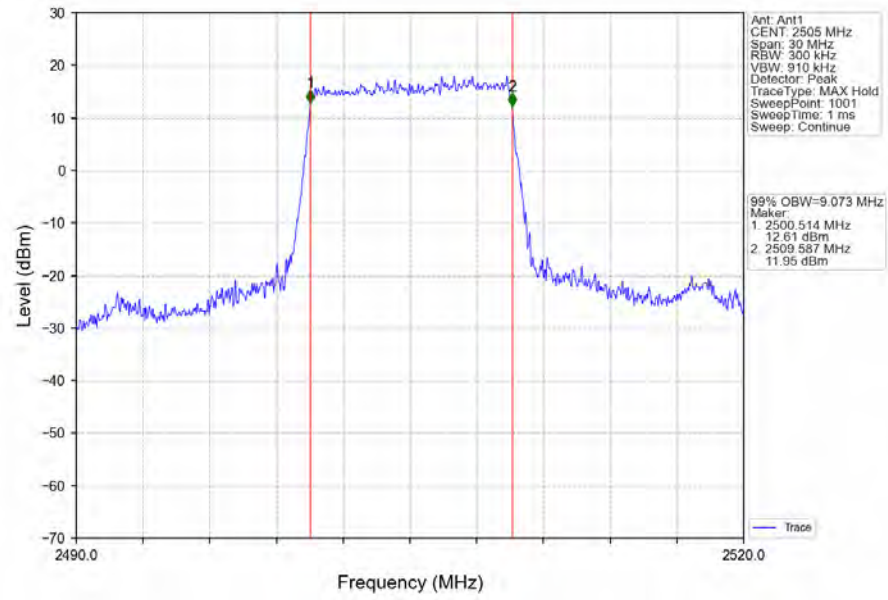
Band7_5MHz_256QAM_MCH_2535MHz_RB_25_0_NTNV



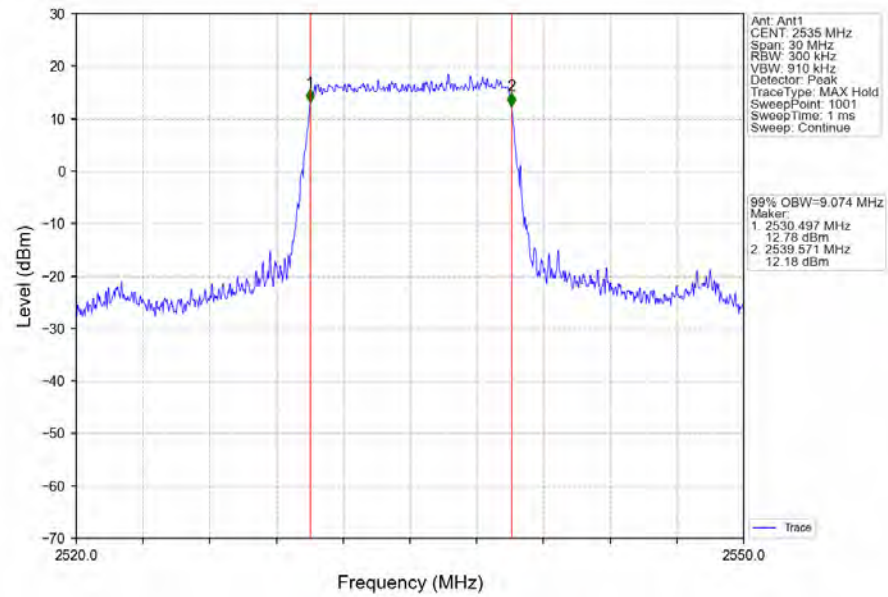
Band7_5MHz_256QAM_HCH_2567.5MHz_RB_25_0_NTNV



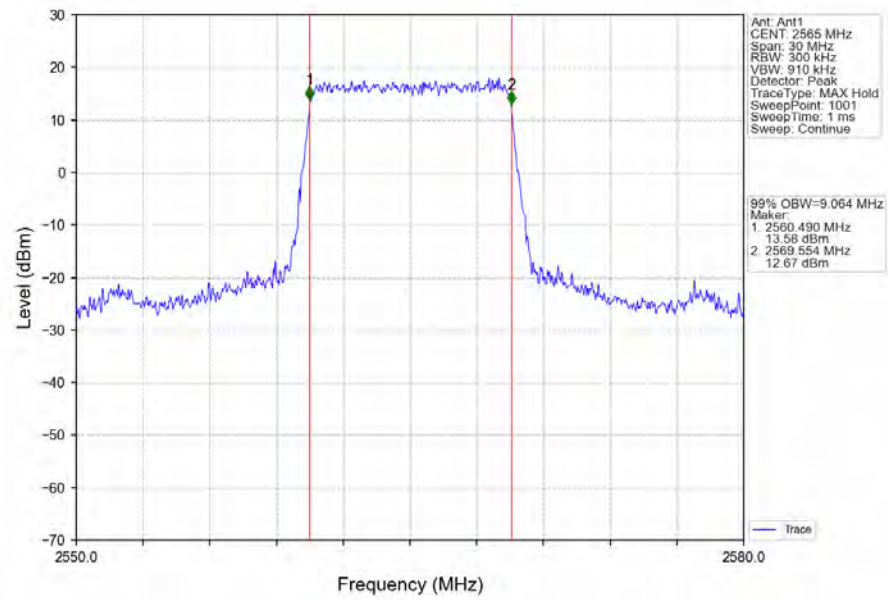
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



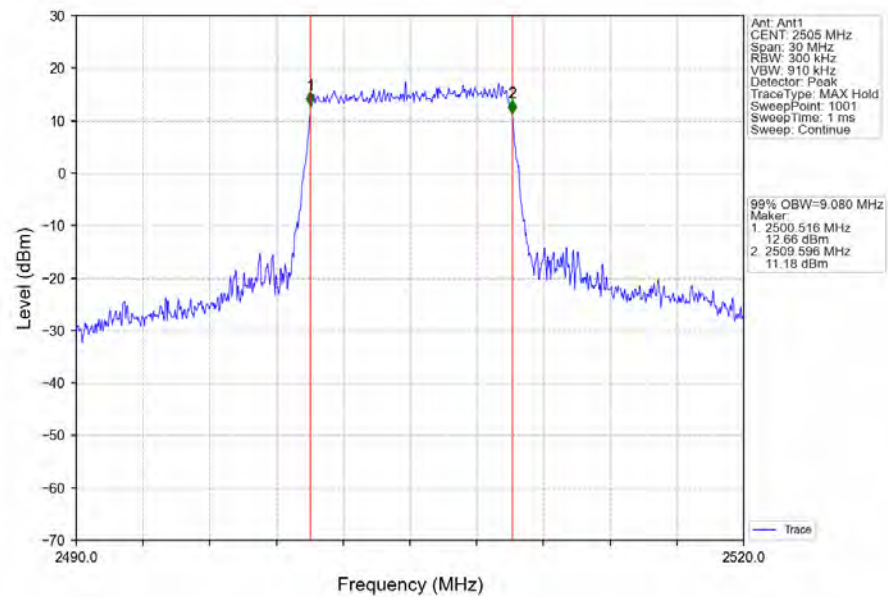
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



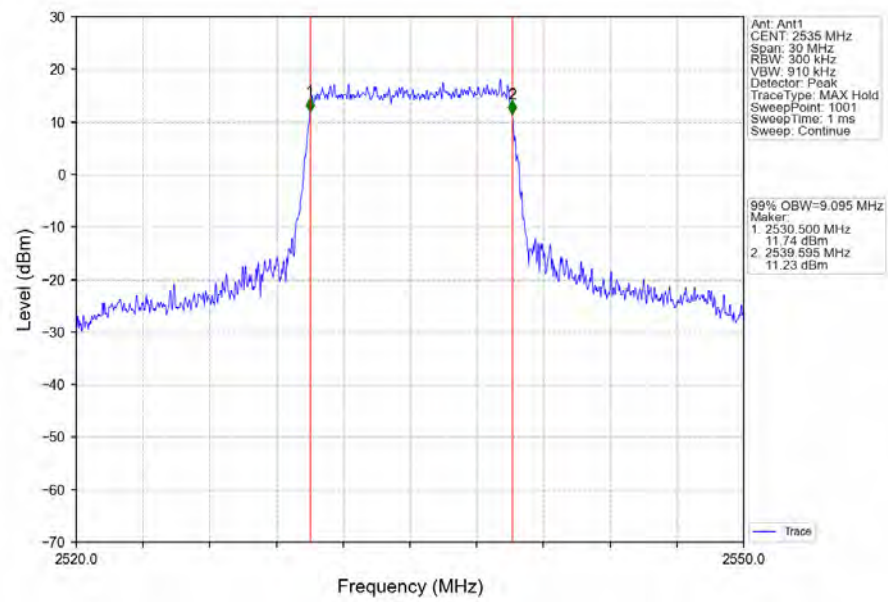
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



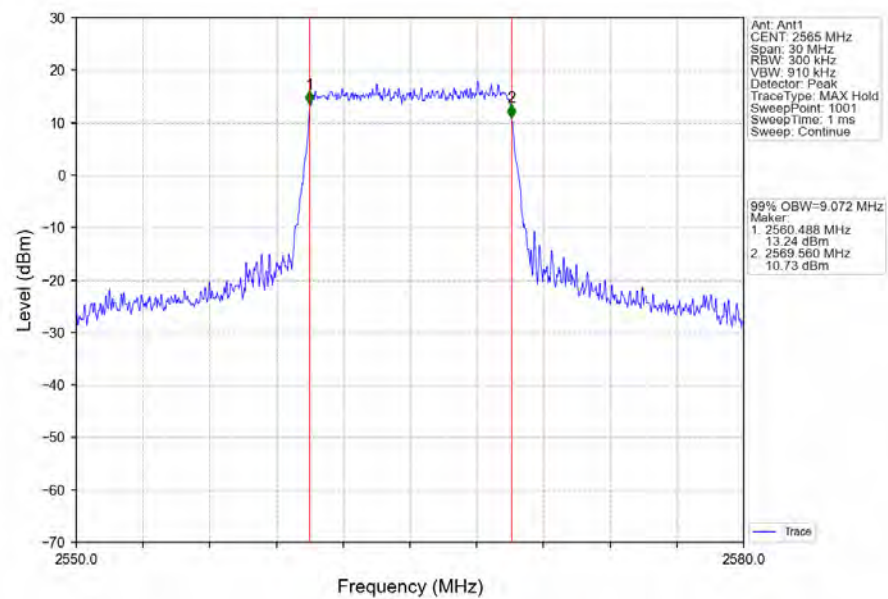
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



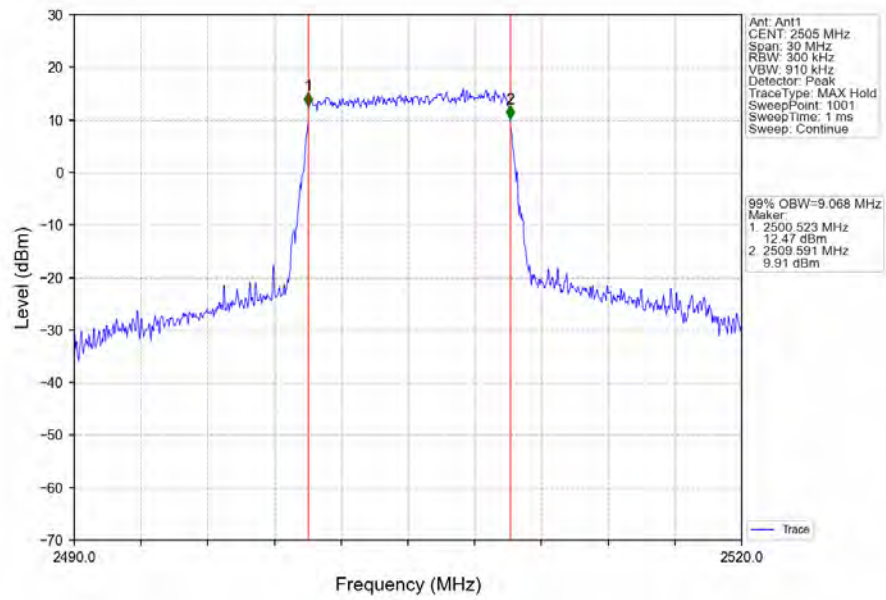
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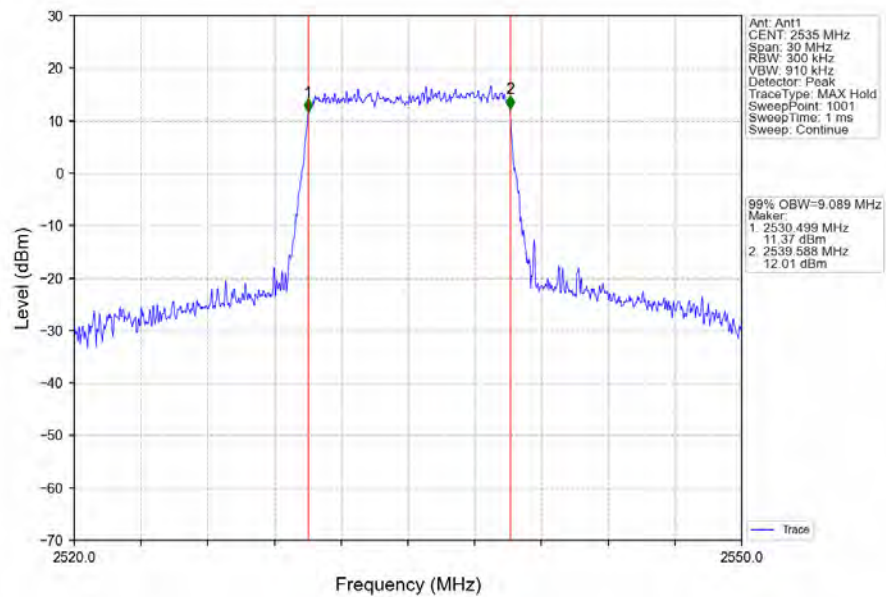
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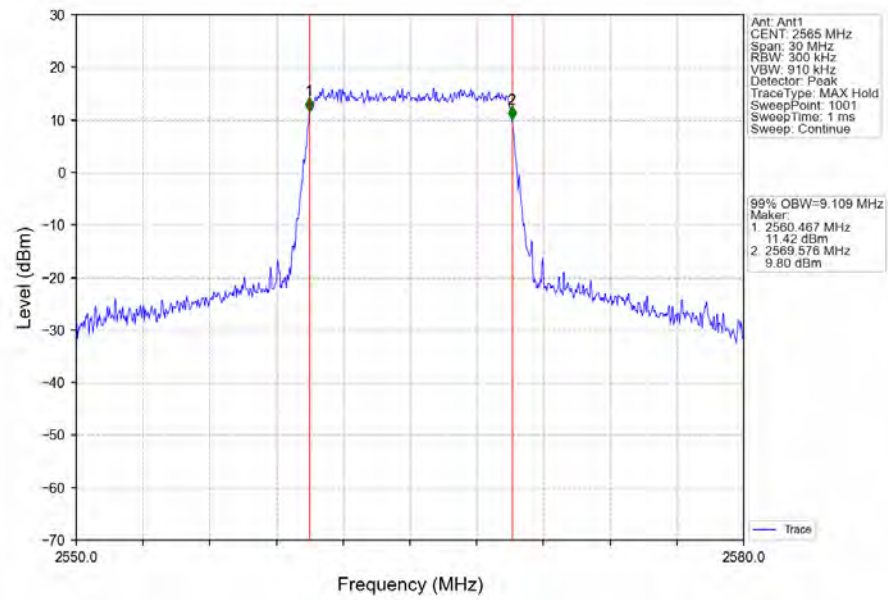
Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV



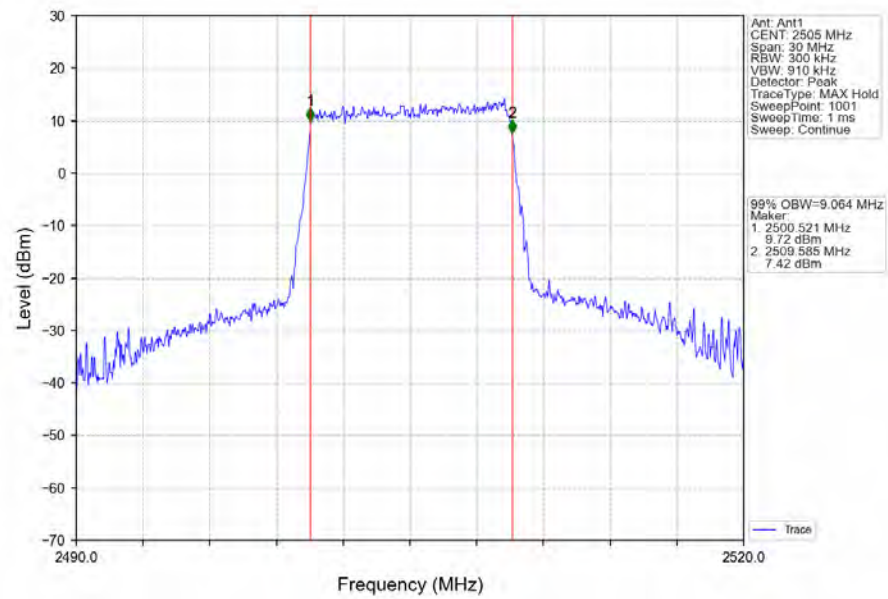
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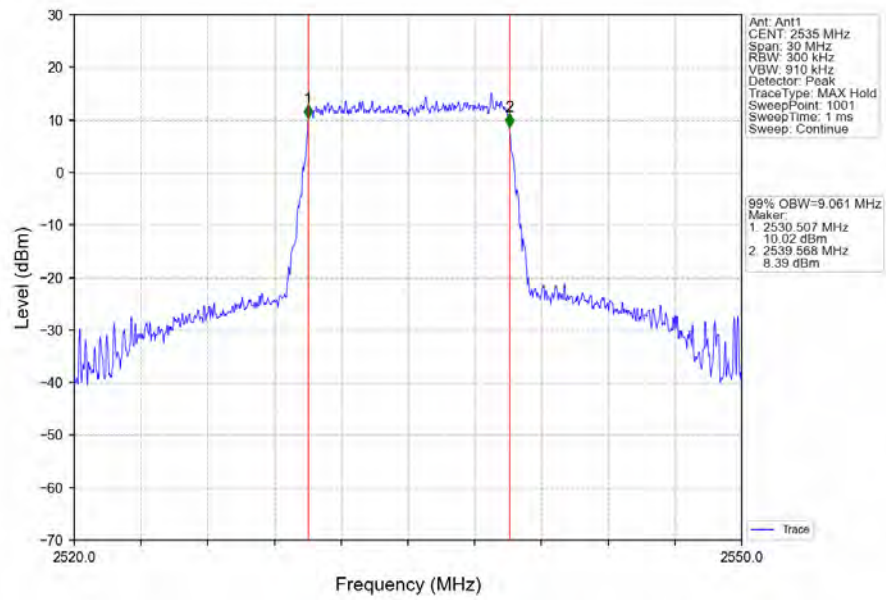
Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV



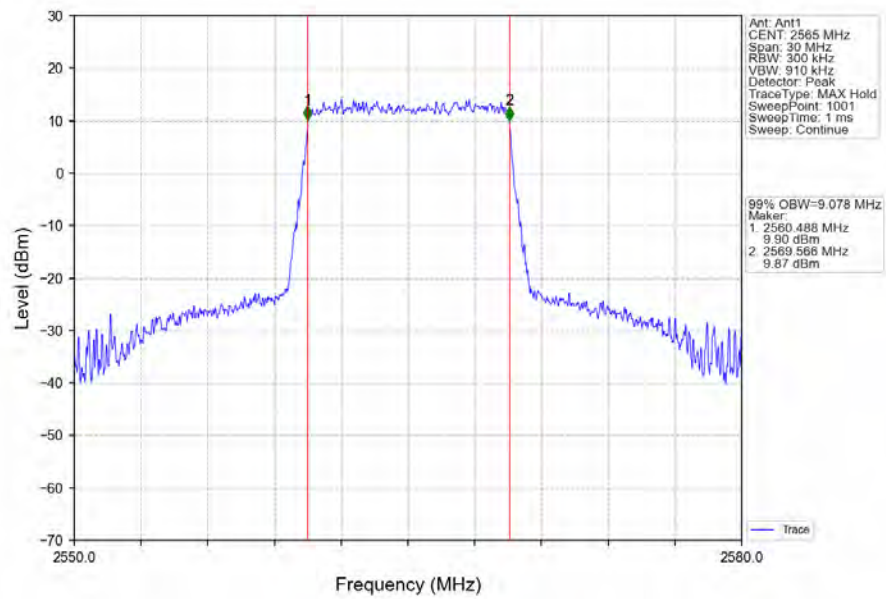
Band7_10MHz_256QAM_LCH_2505MHz_RB_50_0_NTNV



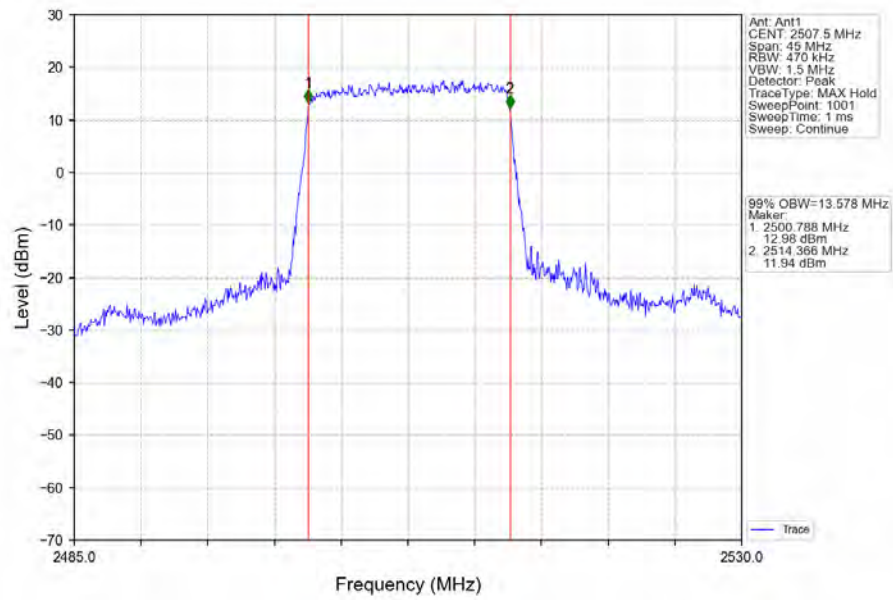
Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTN



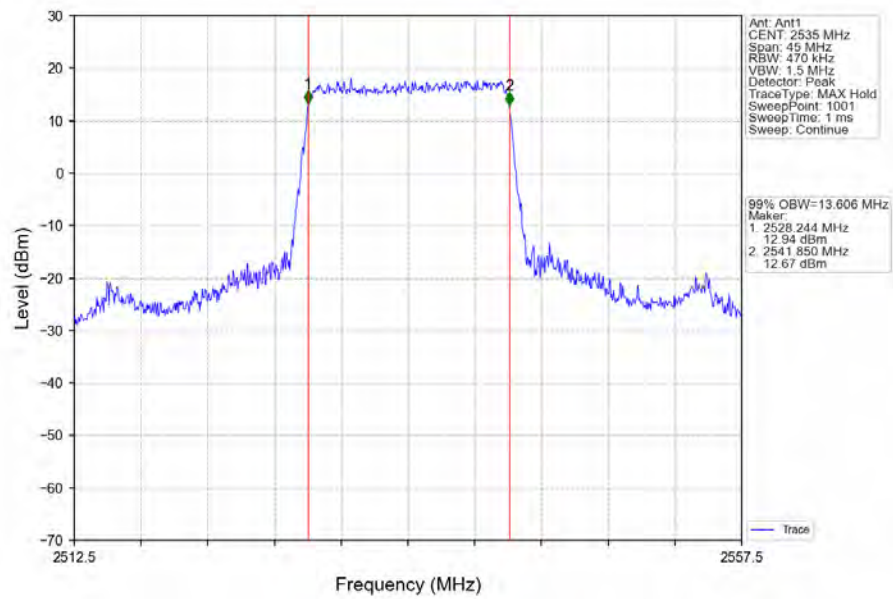
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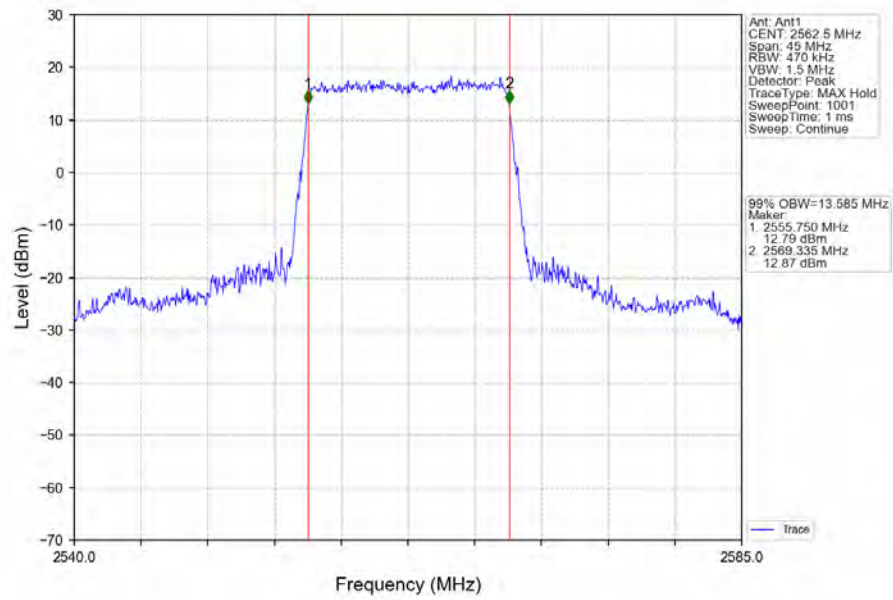
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



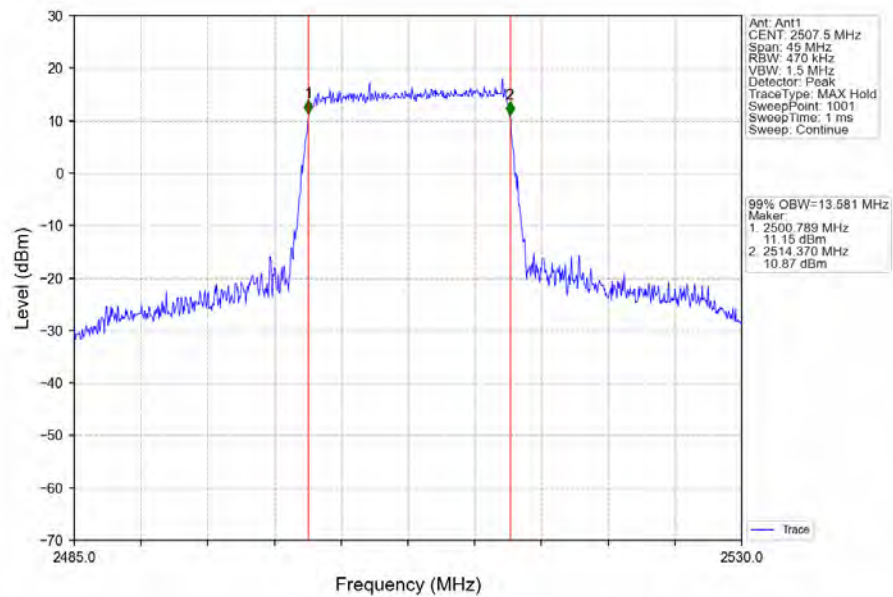
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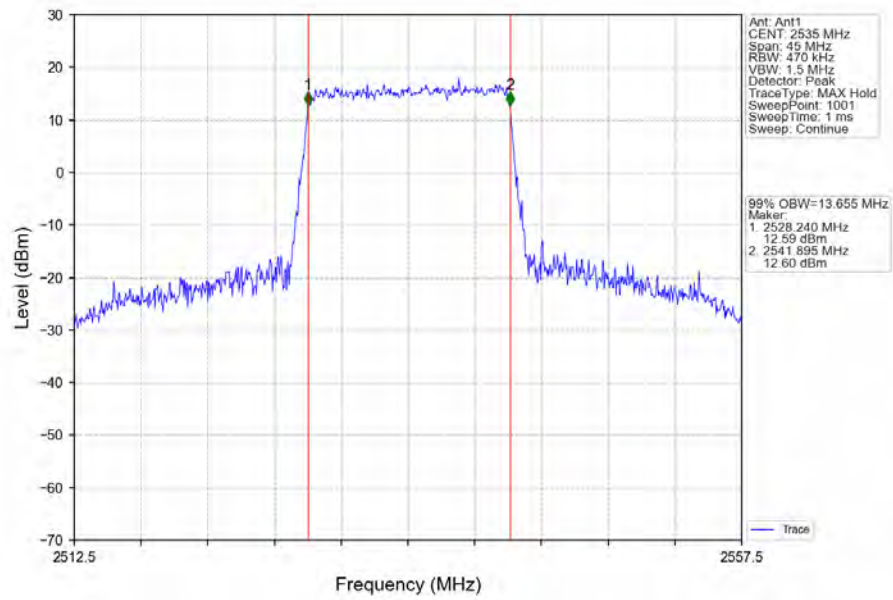
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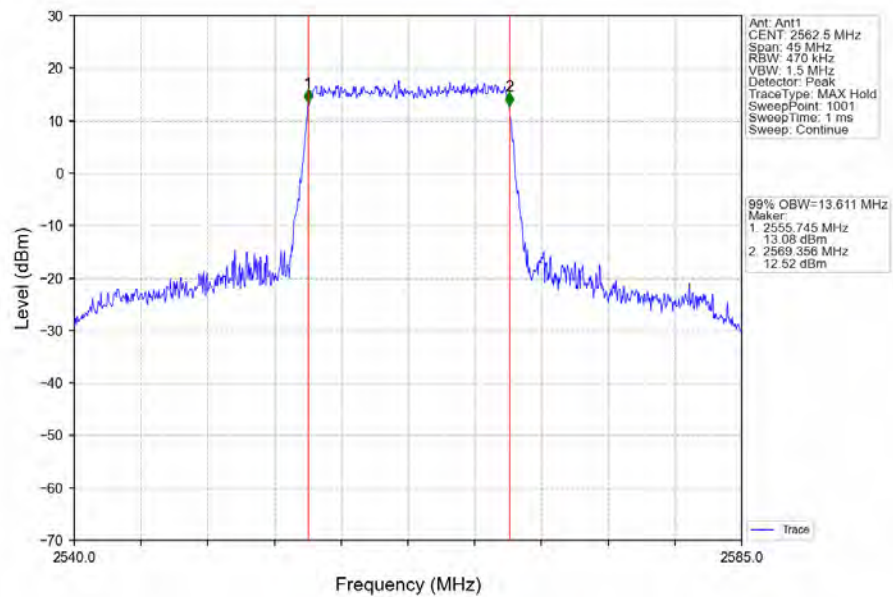
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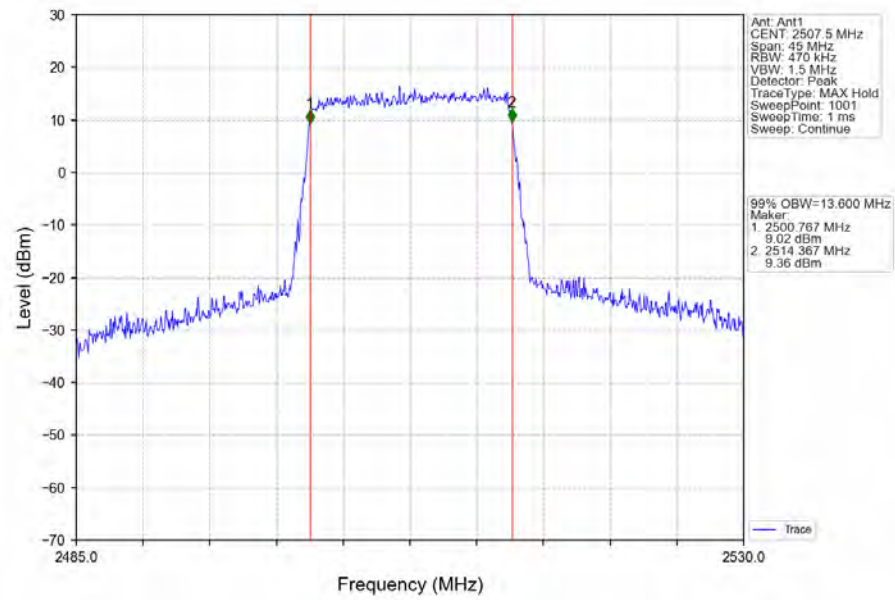
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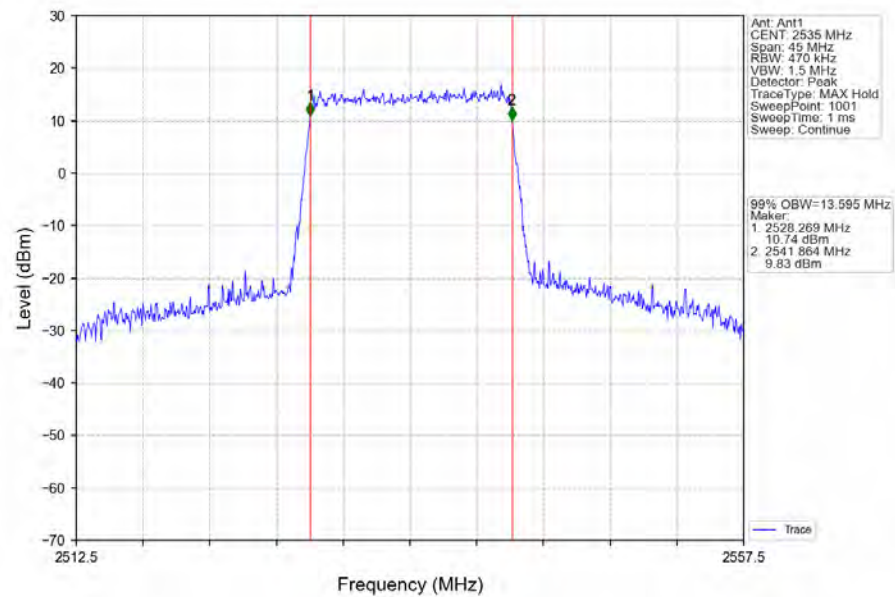
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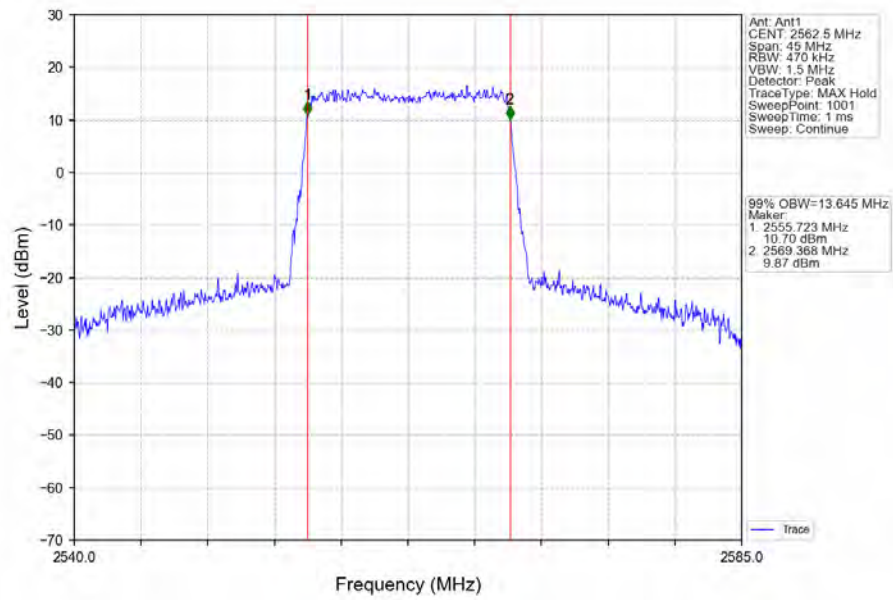
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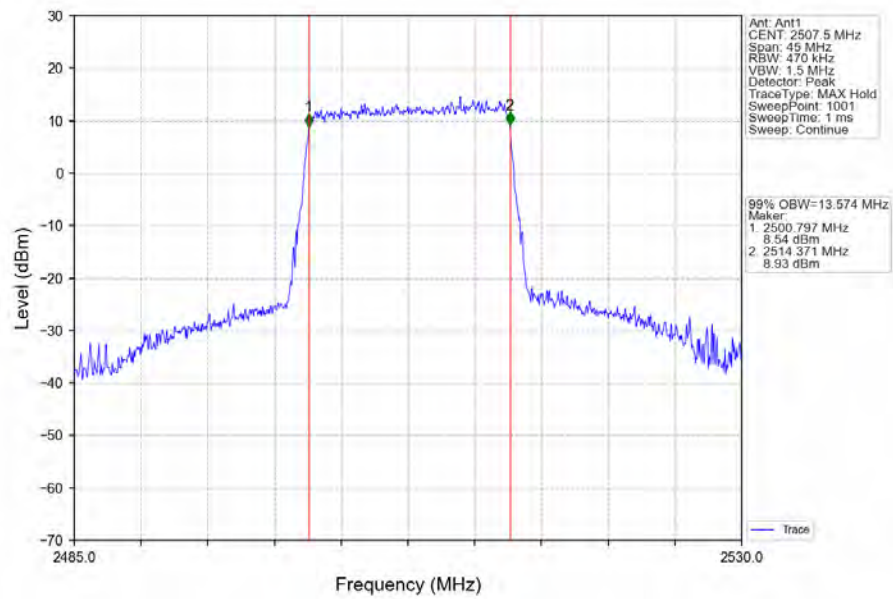
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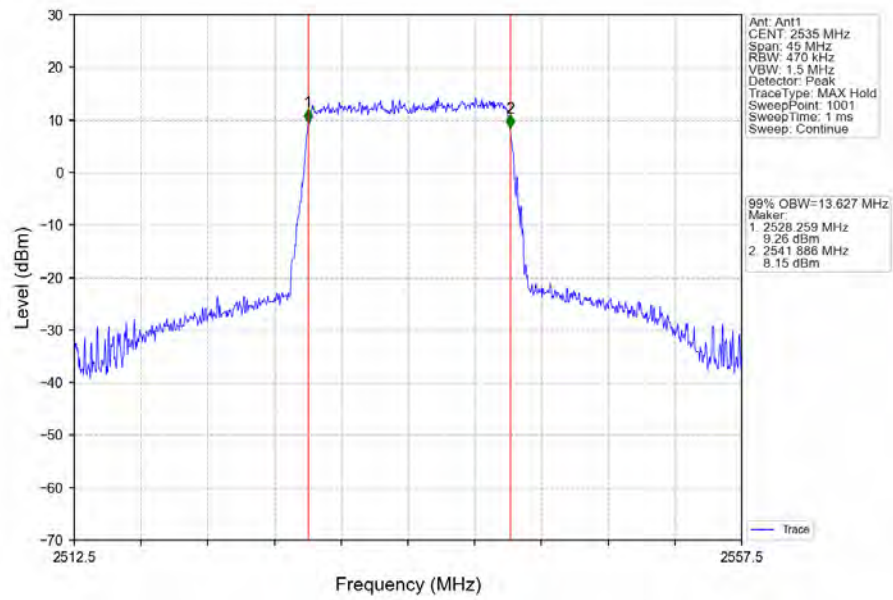
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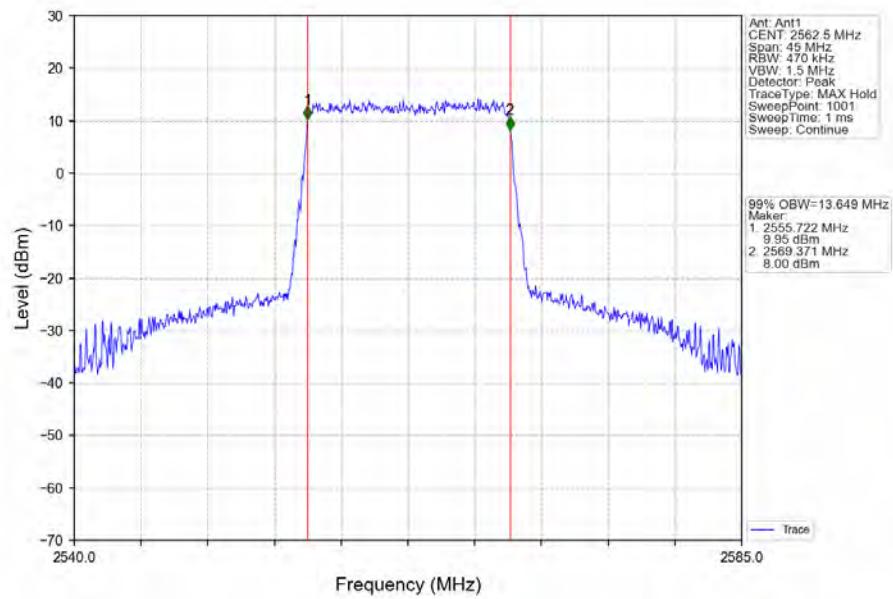
Band7_15MHz_256QAM_LCH_2507.5MHz_RB_75_0_NTNV



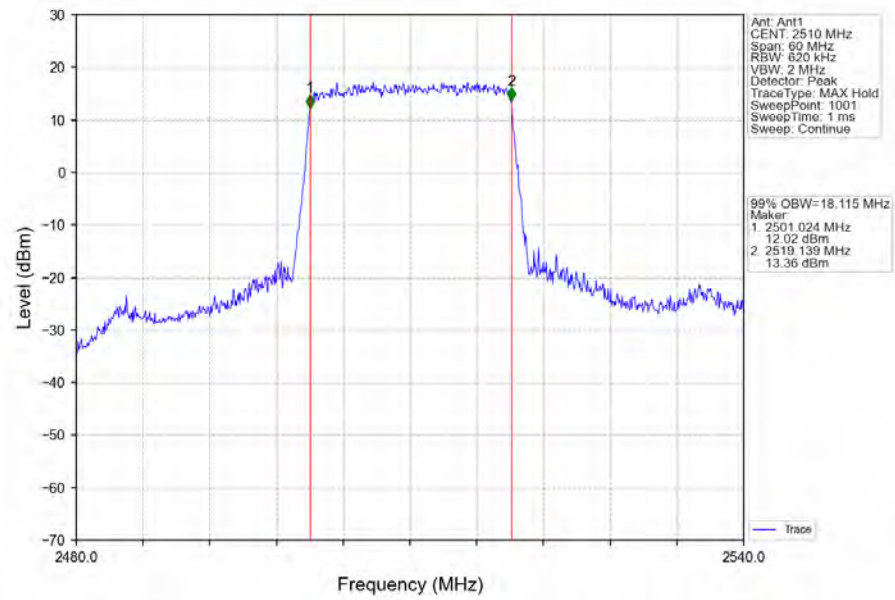
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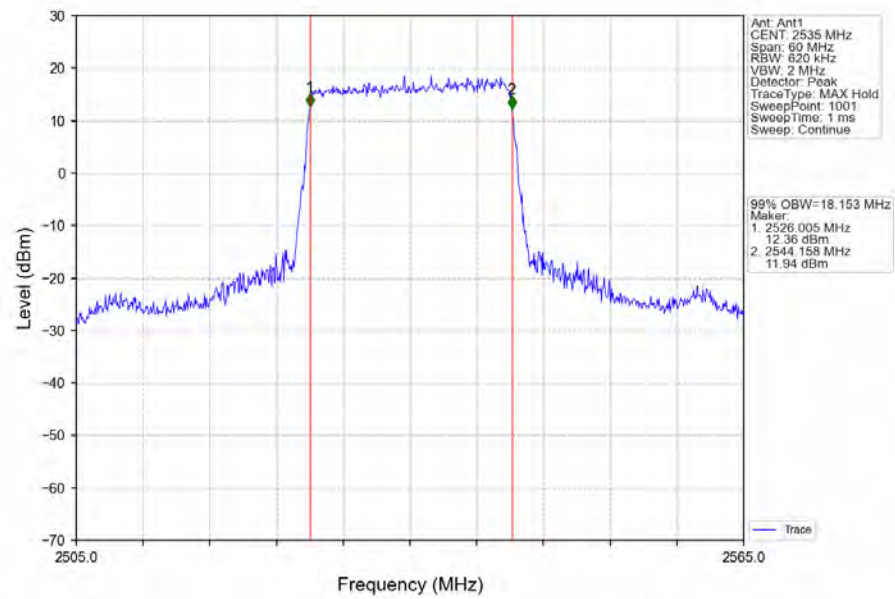
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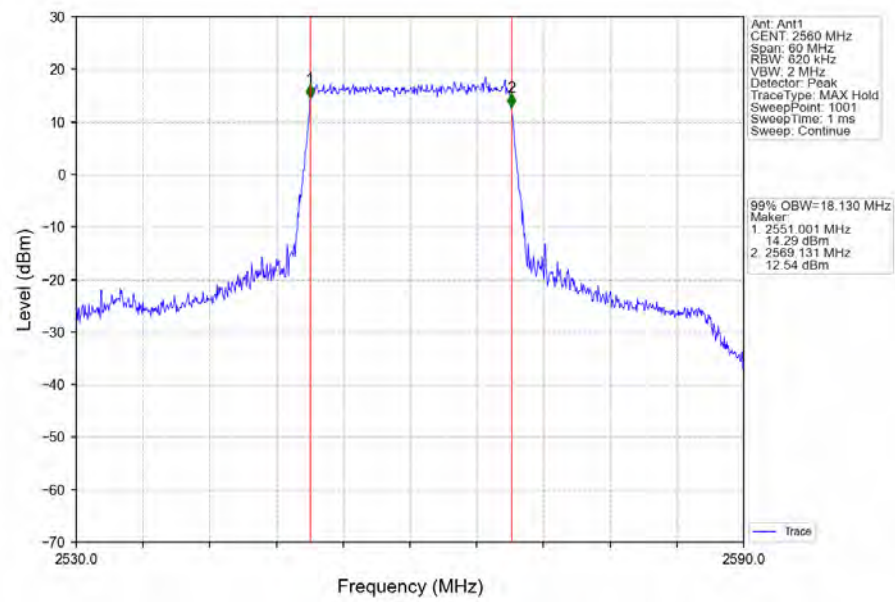
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



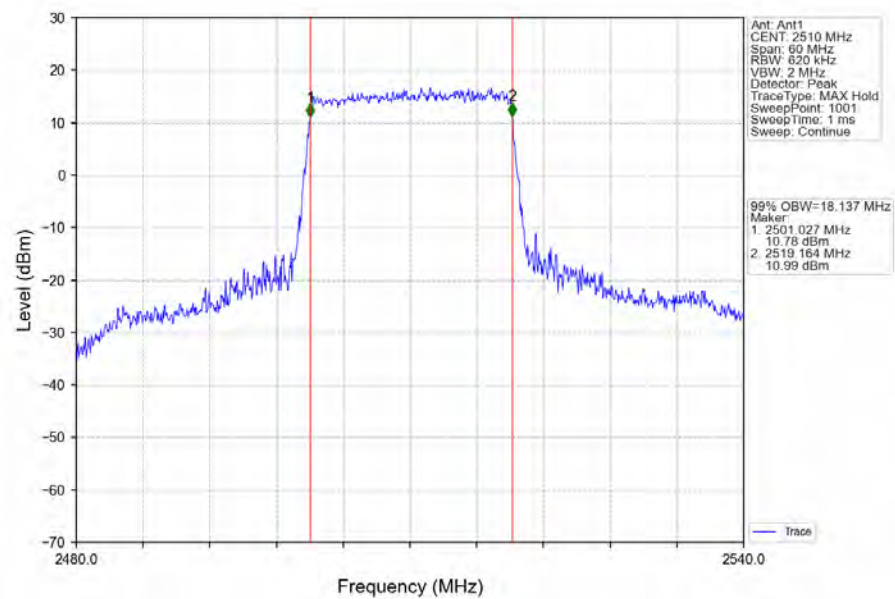
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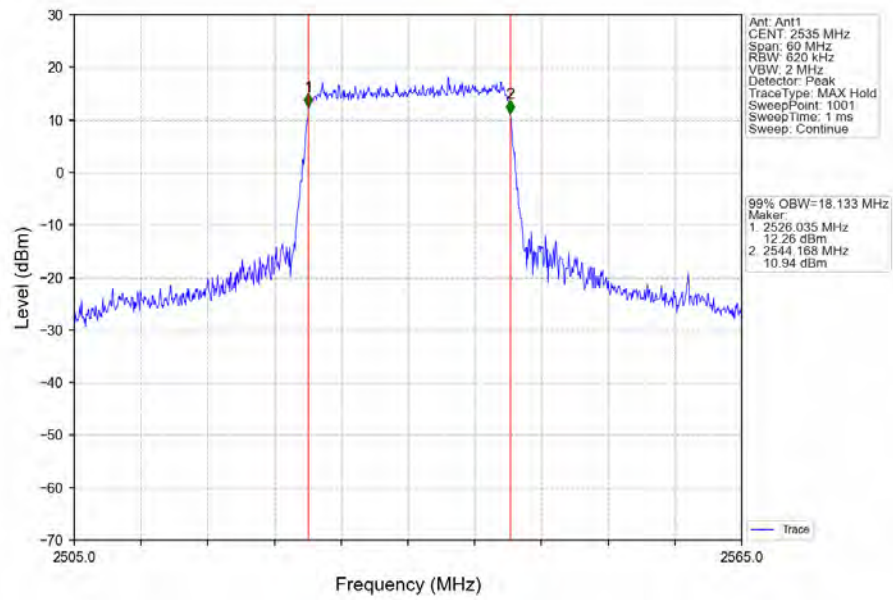
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTN



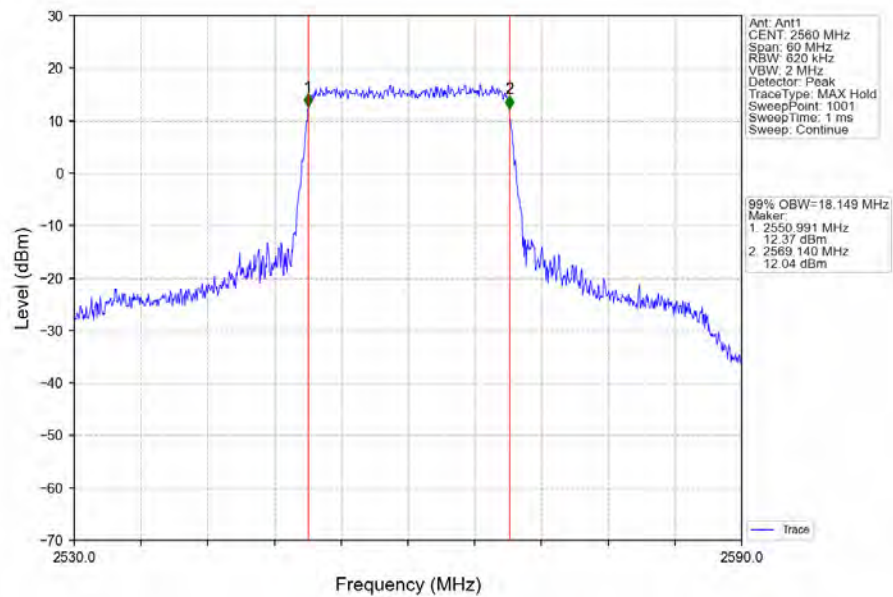
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTN



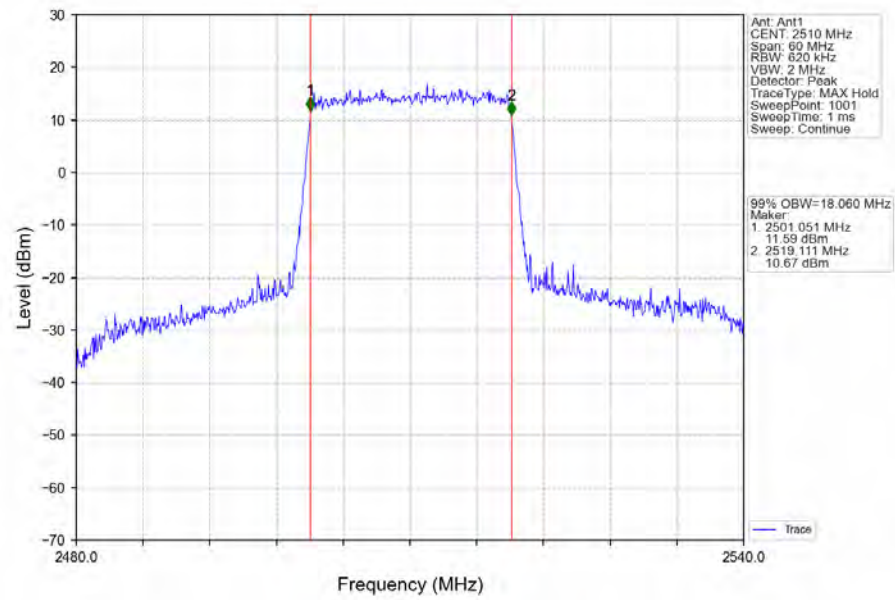
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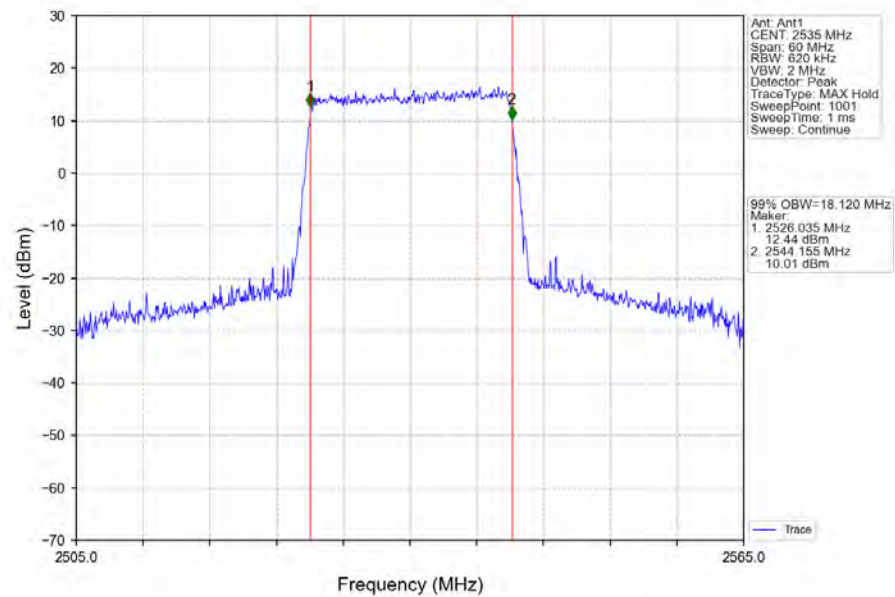
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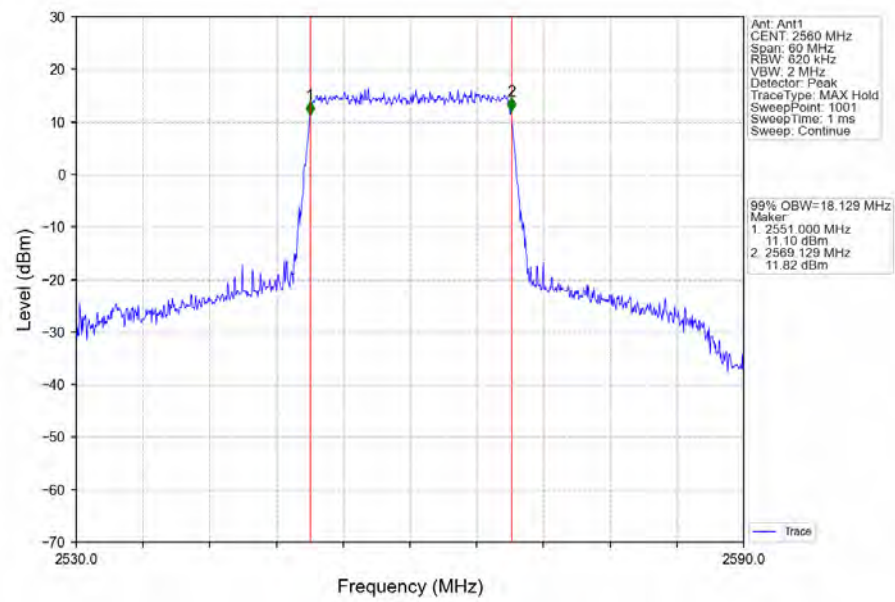
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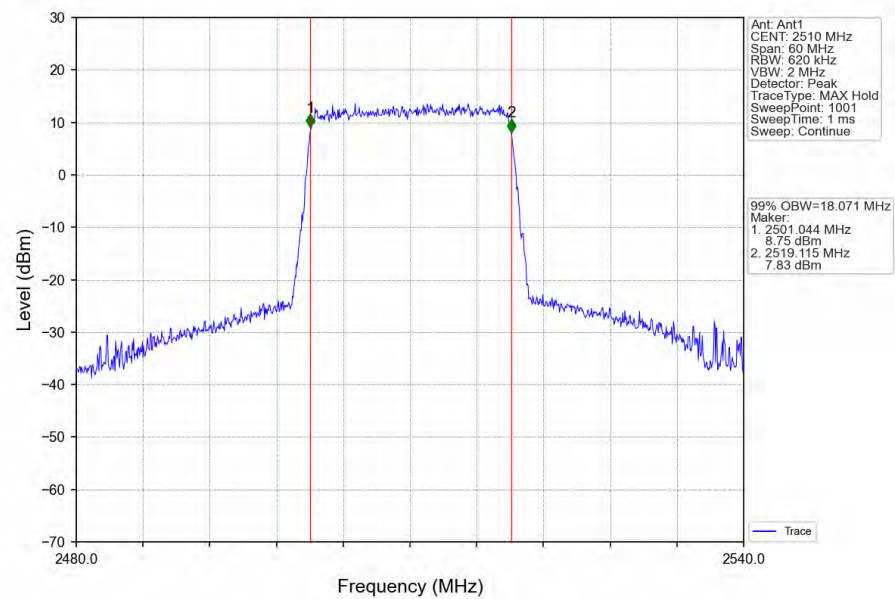
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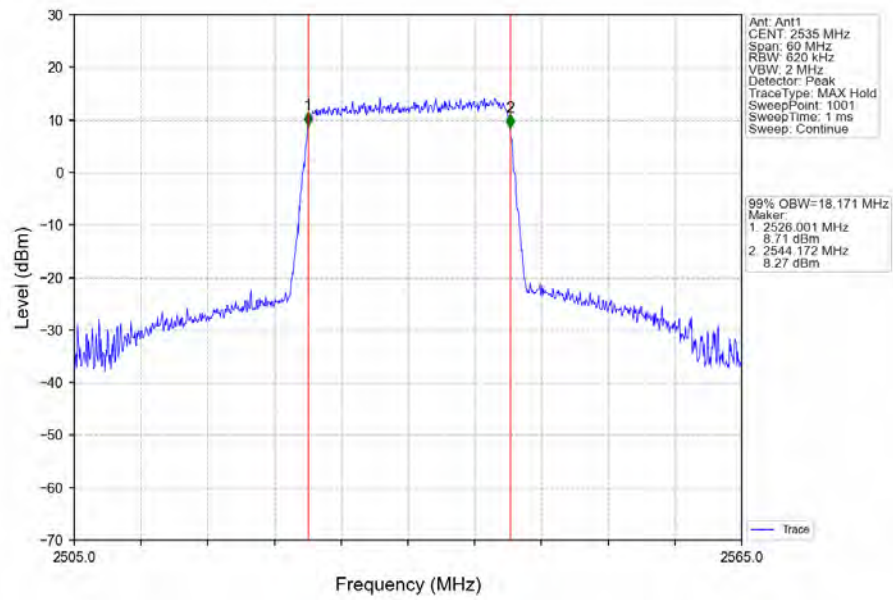
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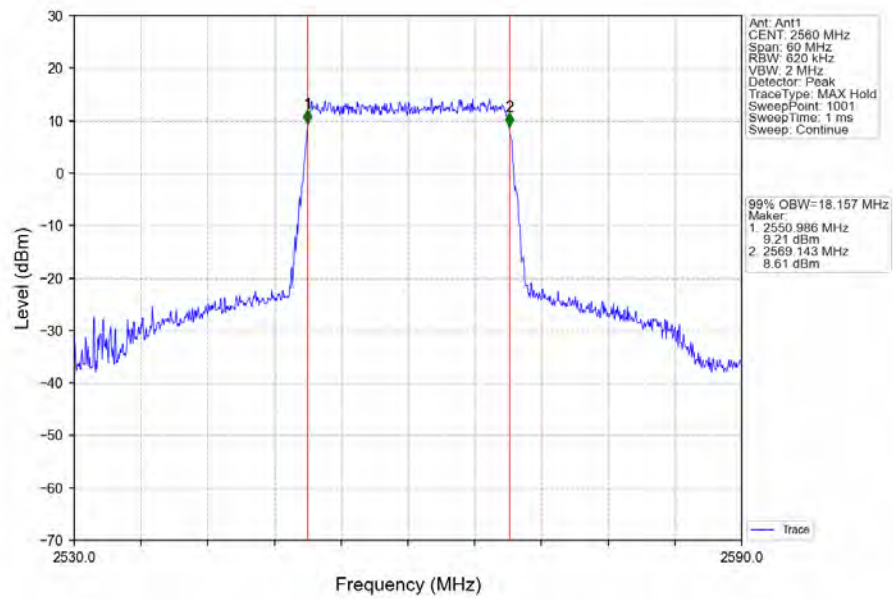
Band7 20MHz 256QAM LCH 2510MHz RB 100 0 NTN



Band7_20MHz_256QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_256QAM_HCH_2560MHz_RB_100_0_NTNV



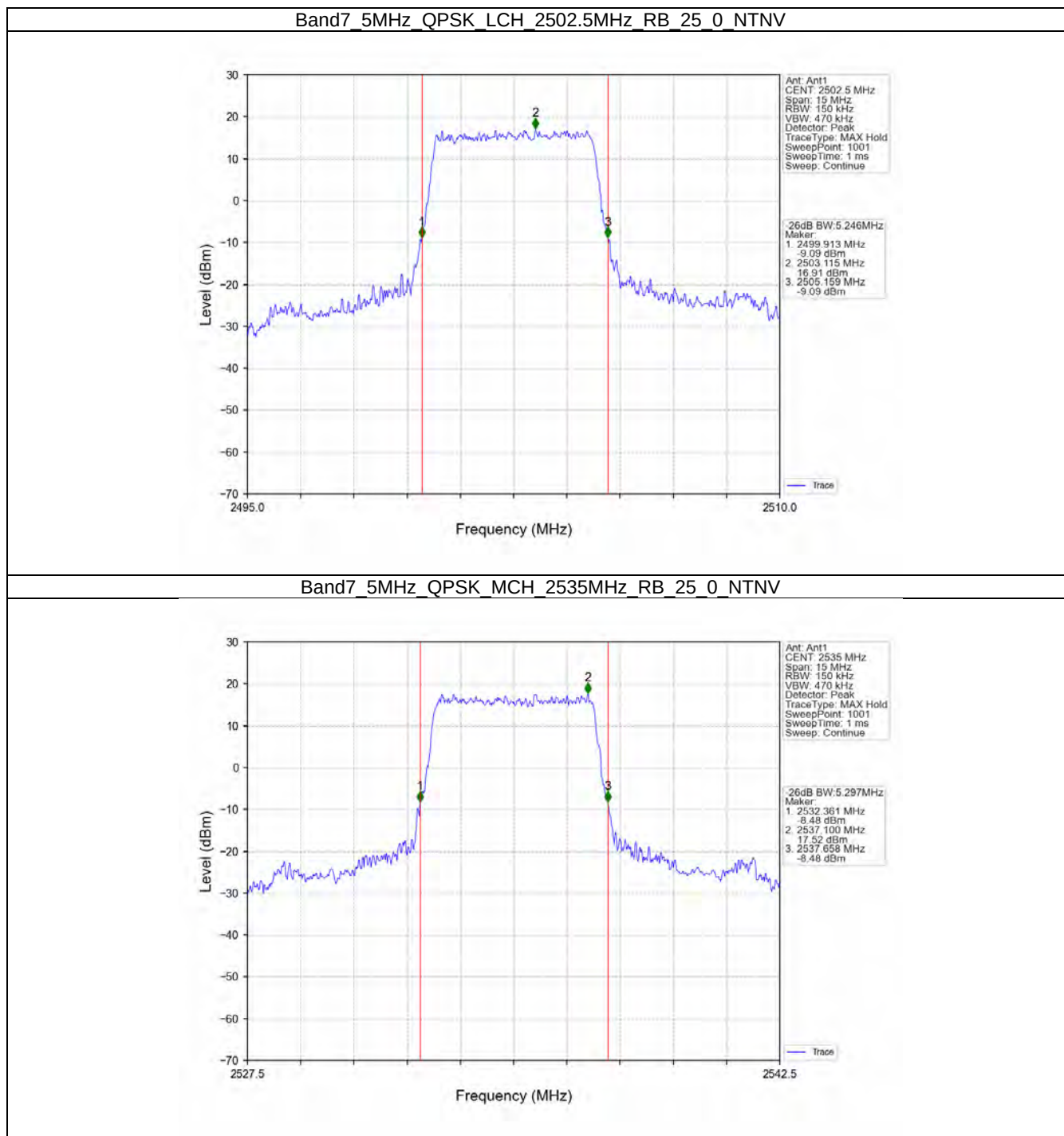
3.2 Band7_XDB

3.2.1 Test Result

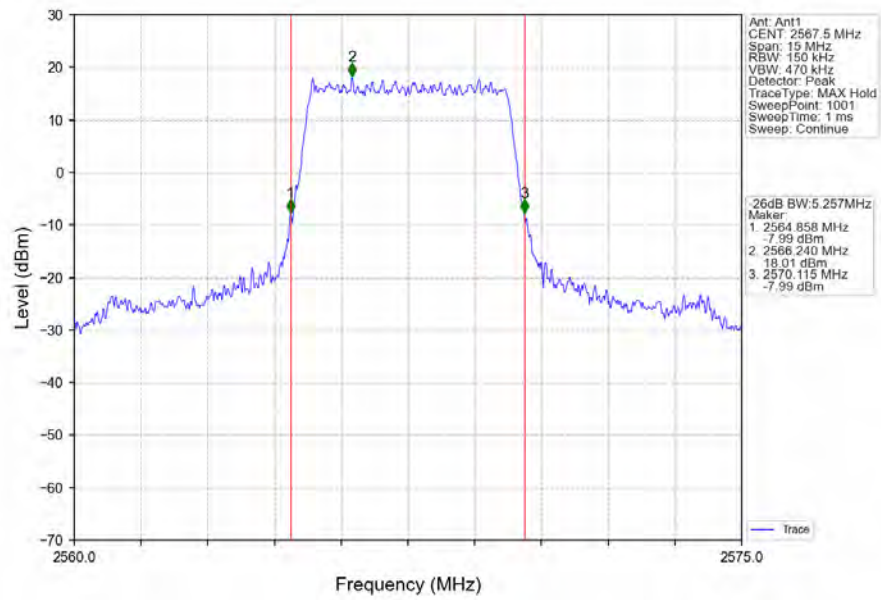
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.246	/	Pass
		2535	25	0	5.297	/	Pass
		2567.5	25	0	5.257	/	Pass
	16QAM	2502.5	25	0	5.221	/	Pass
		2535	25	0	5.294	/	Pass
		2567.5	25	0	5.256	/	Pass
	64QAM	2502.5	25	0	5.237	/	Pass
		2535	25	0	5.348	/	Pass
		2567.5	25	0	5.205	/	Pass
	256QAM	2502.5	25	0	5.230	/	Pass
		2535	25	0	5.226	/	Pass
		2567.5	25	0	5.285	/	Pass
10	QPSK	2505	50	0	10.202	/	Pass
		2535	50	0	10.145	/	Pass
		2565	50	0	10.204	/	Pass
	16QAM	2505	50	0	10.081	/	Pass
		2535	50	0	10.080	/	Pass
		2565	50	0	10.098	/	Pass
	64QAM	2505	50	0	10.176	/	Pass
		2535	50	0	10.170	/	Pass
		2565	50	0	10.250	/	Pass
	256QAM	2505	50	0	10.137	/	Pass
		2535	50	0	10.108	/	Pass
		2565	50	0	10.255	/	Pass
15	QPSK	2507.5	75	0	15.218	/	Pass
		2535	75	0	15.258	/	Pass
		2562.5	75	0	15.207	/	Pass
	16QAM	2507.5	75	0	15.028	/	Pass
		2535	75	0	15.280	/	Pass
		2562.5	75	0	15.215	/	Pass
	64QAM	2507.5	75	0	15.273	/	Pass
		2535	75	0	15.009	/	Pass
		2562.5	75	0	15.145	/	Pass
	256QAM	2507.5	75	0	15.277	/	Pass
		2535	75	0	15.311	/	Pass
		2562.5	75	0	15.173	/	Pass
20	QPSK	2510	100	0	20.036	/	Pass
		2535	100	0	20.055	/	Pass
		2560	100	0	20.244	/	Pass
	16QAM	2510	100	0	20.135	/	Pass
		2535	100	0	20.048	/	Pass
		2560	100	0	20.293	/	Pass
	64QAM	2510	100	0	19.830	/	Pass
		2535	100	0	19.947	/	Pass
		2560	100	0	20.286	/	Pass
	256QAM	2510	100	0	20.145	/	Pass
		2535	100	0	20.047	/	Pass

		2560	100	0	20.115	/	Pass
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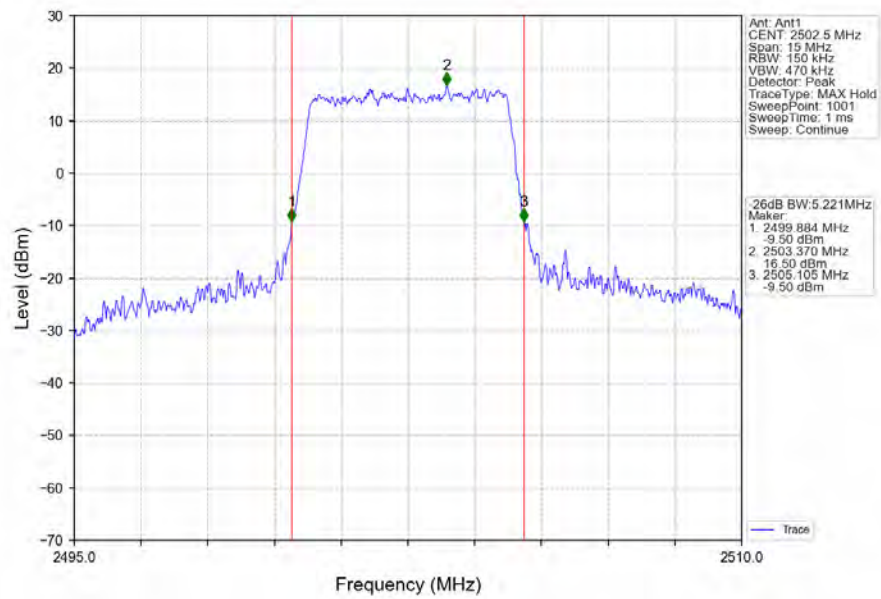
3.2.2 Test Graph



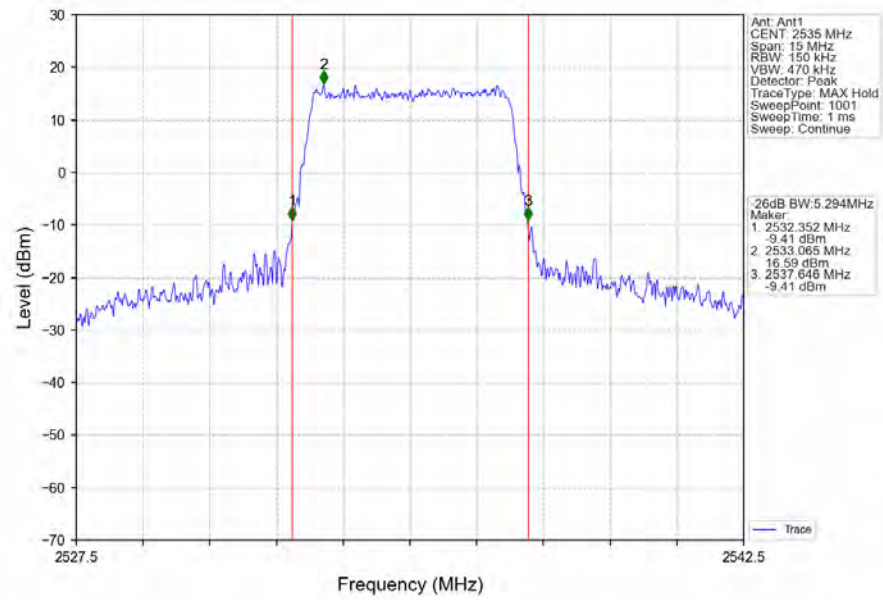
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



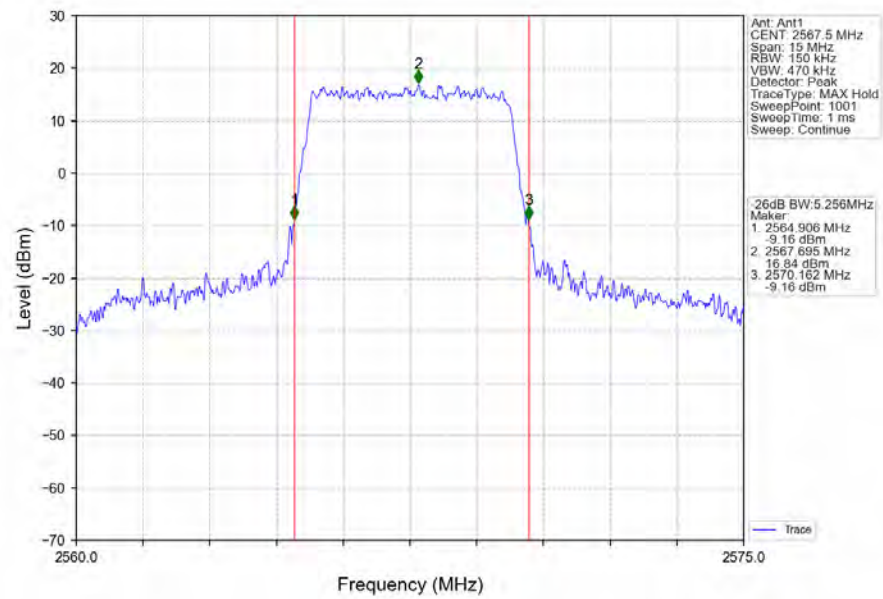
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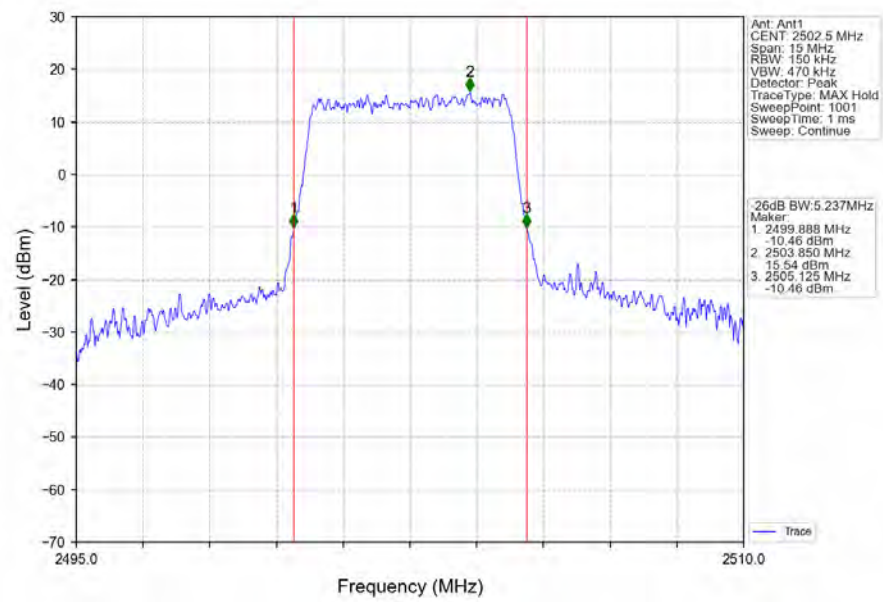
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



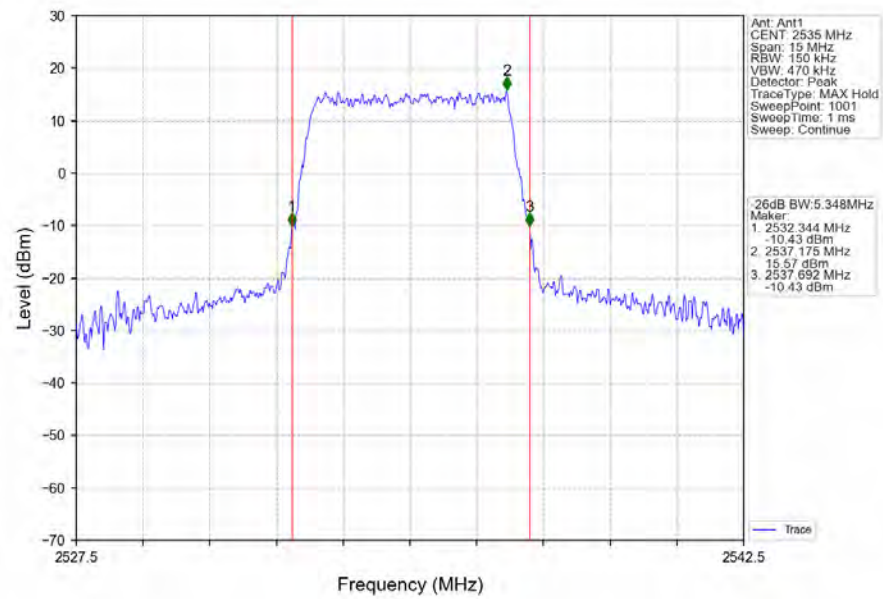
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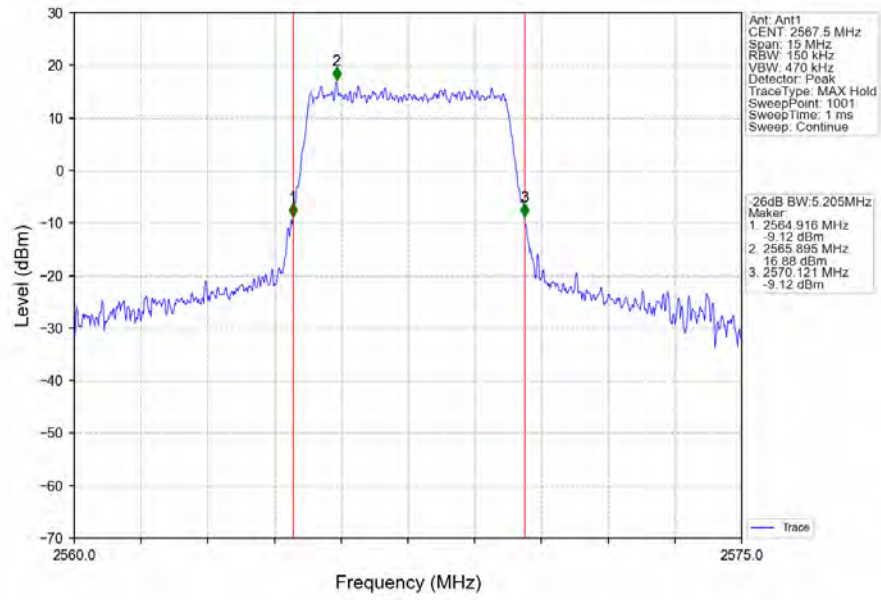
Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



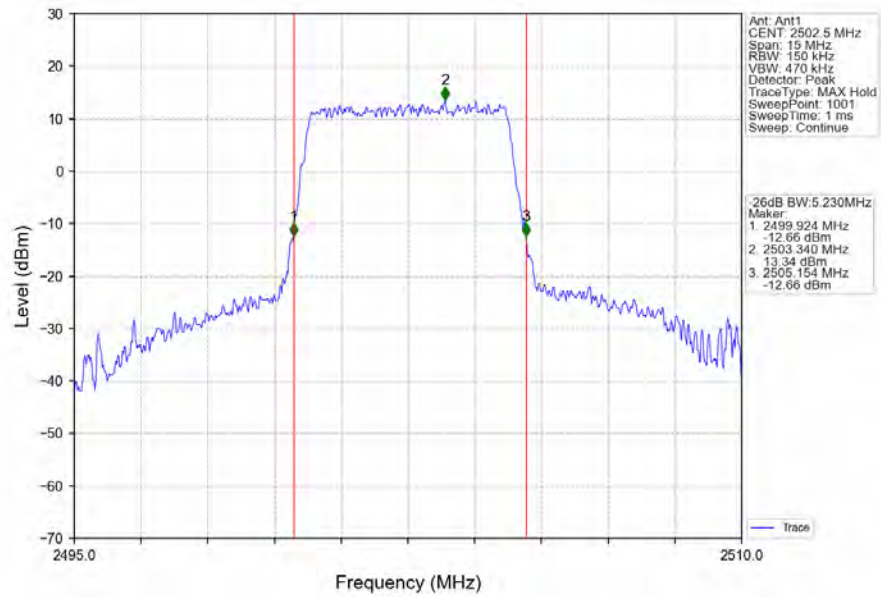
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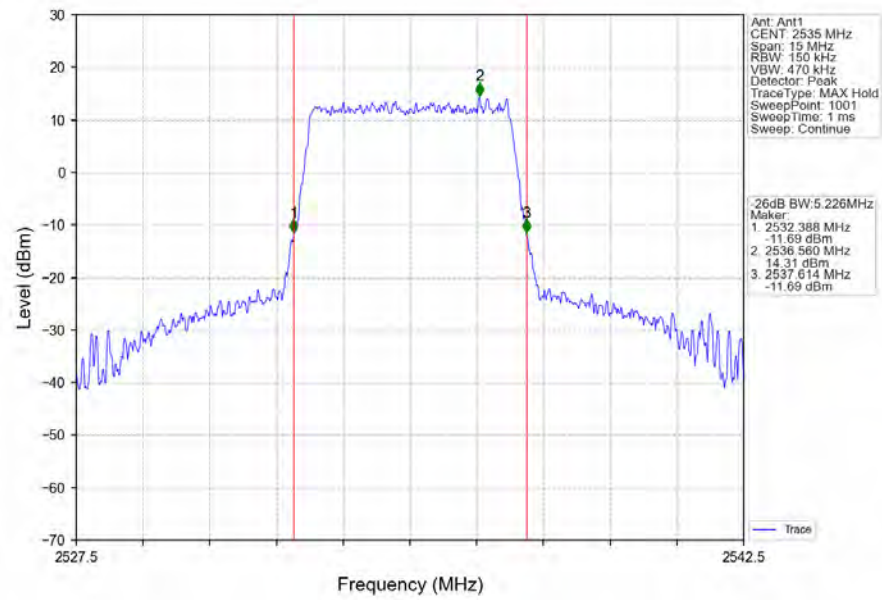
Band7 5MHz 64QAM HCH 2567.5MHz RB 25 0 NTN



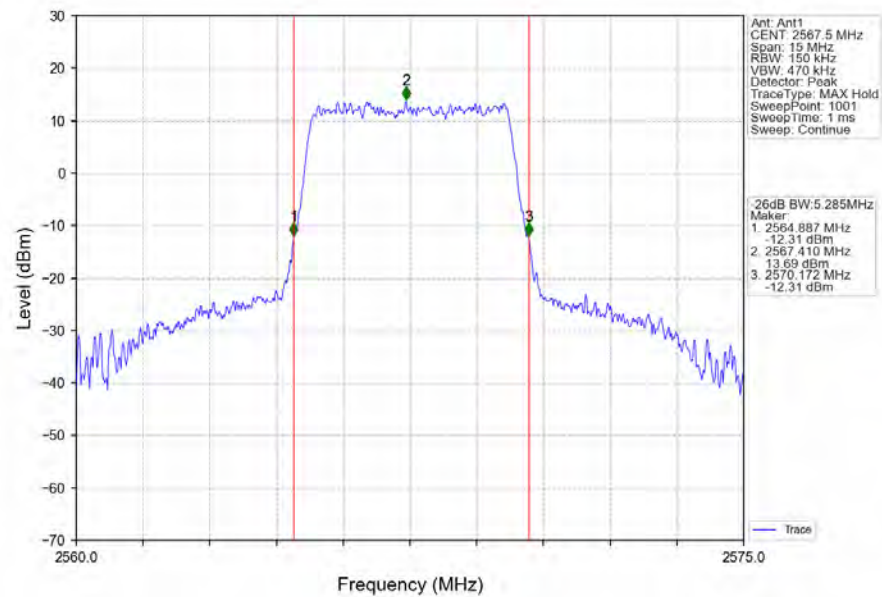
Band7 5MHz 256QAM LCH 2502.5MHz RB 25 0 NTN



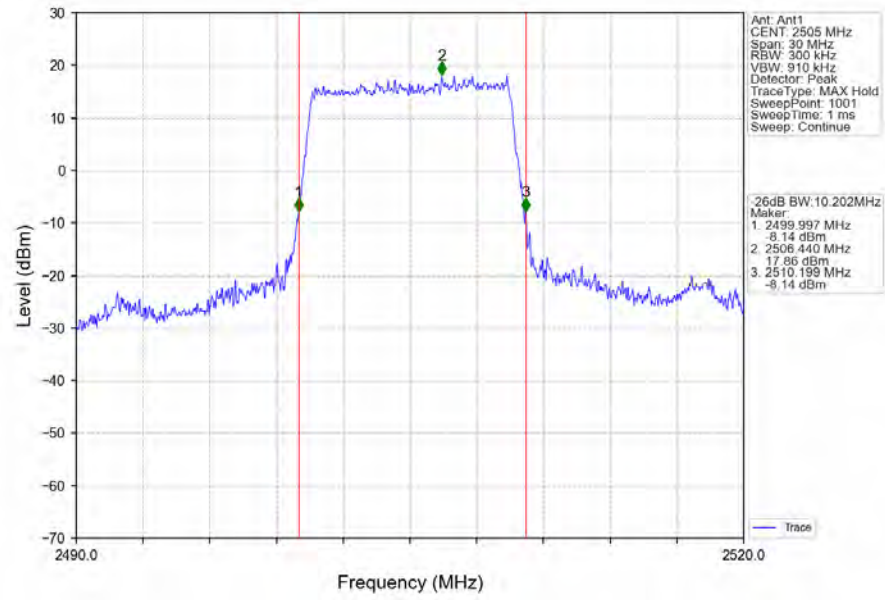
Band7_5MHz_256QAM_MCH_2535MHz_RB_25_0_NTNV



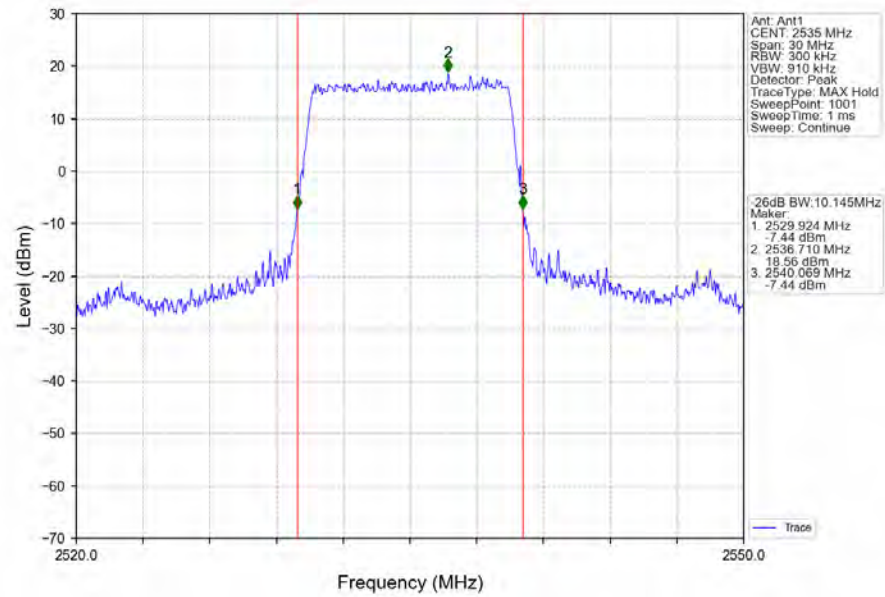
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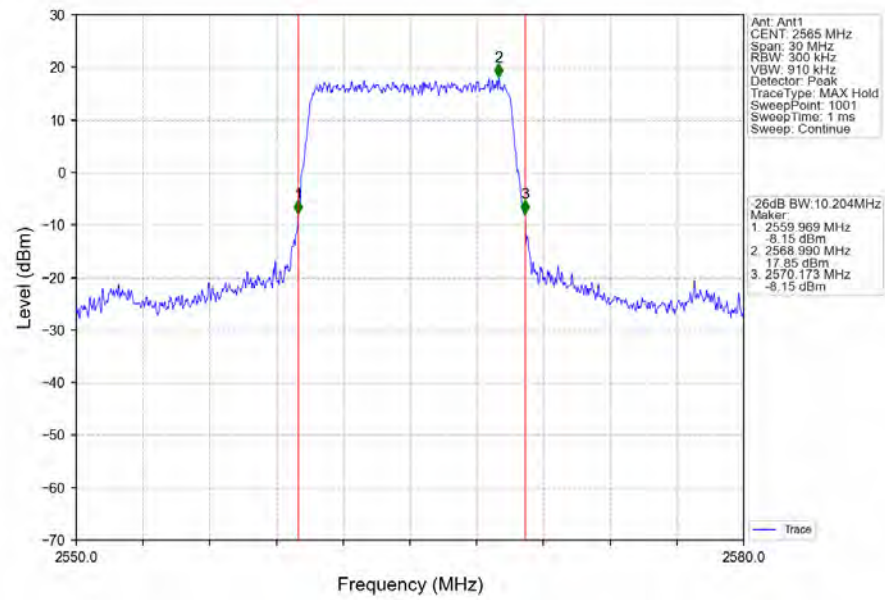
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



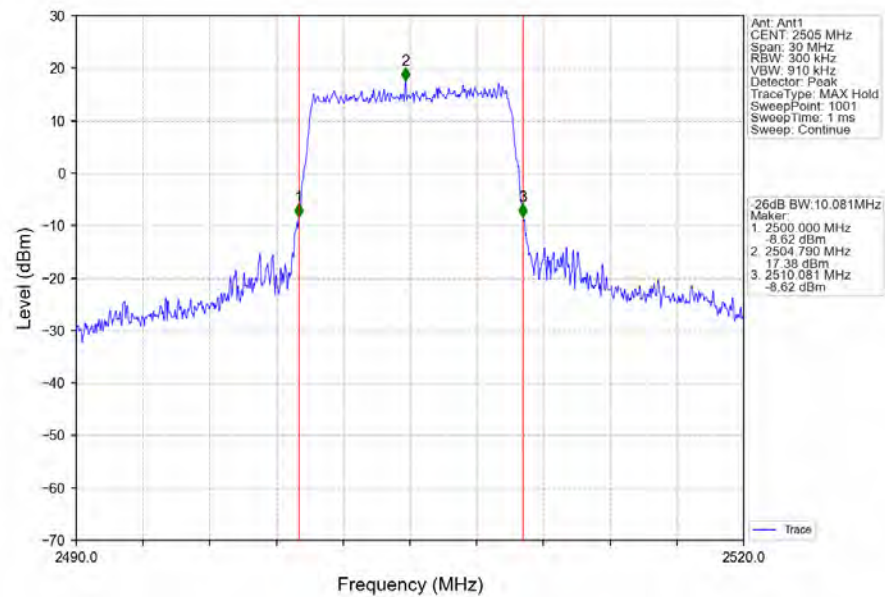
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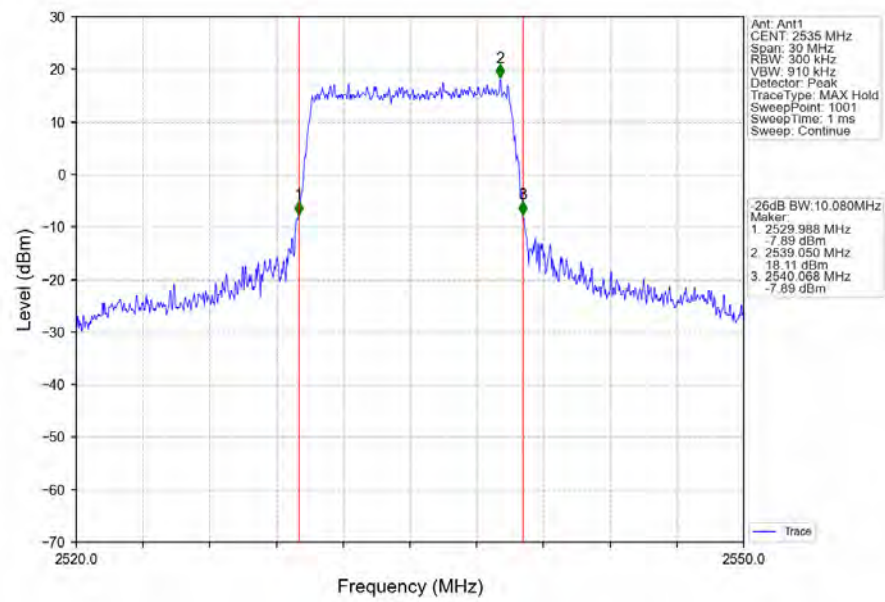
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTNV



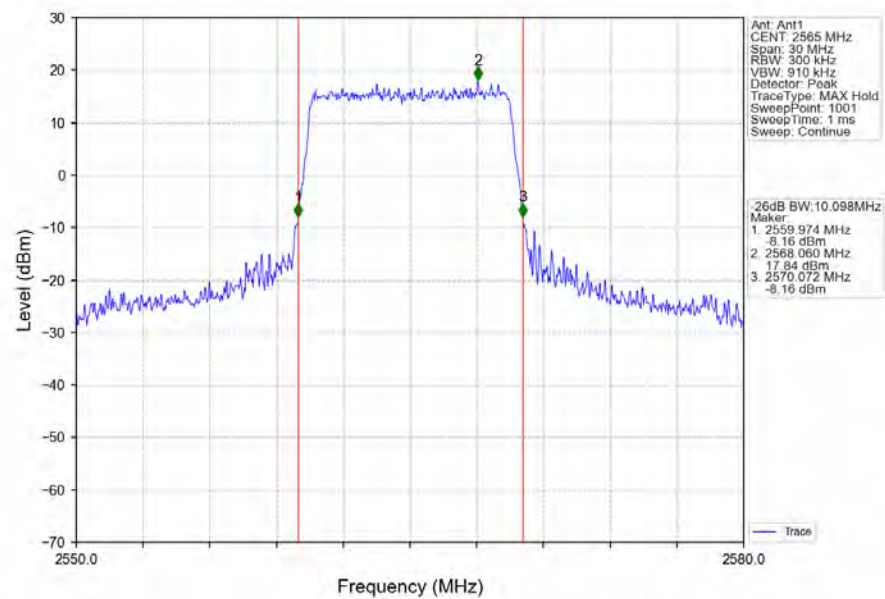
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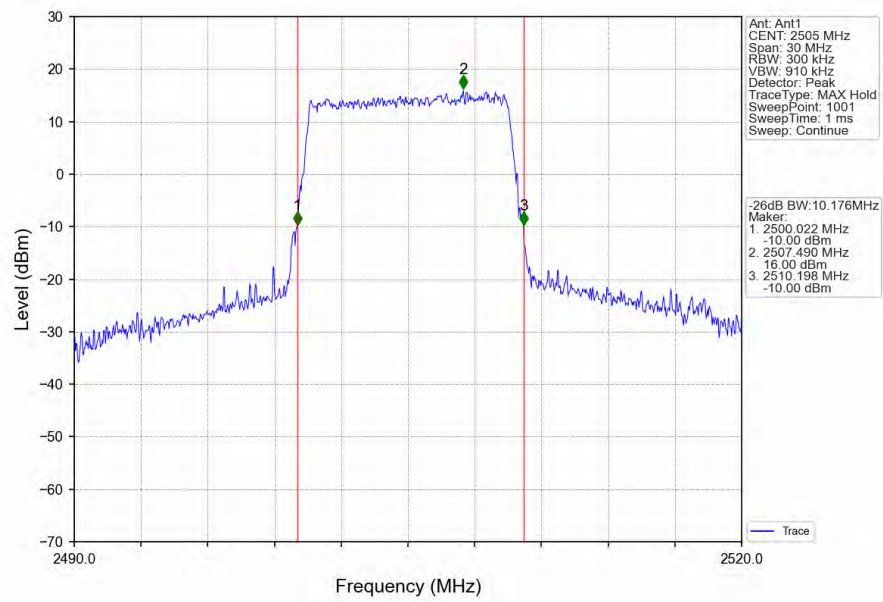
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



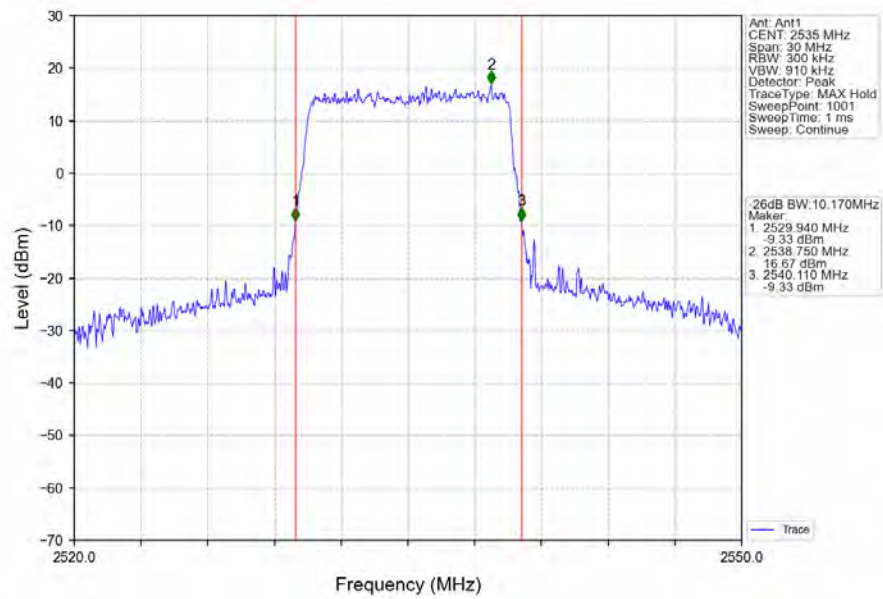
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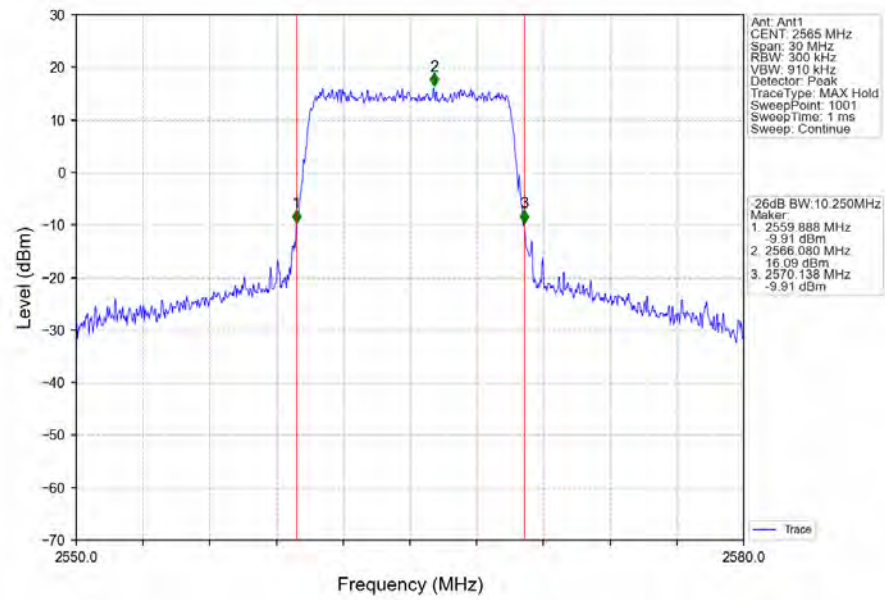
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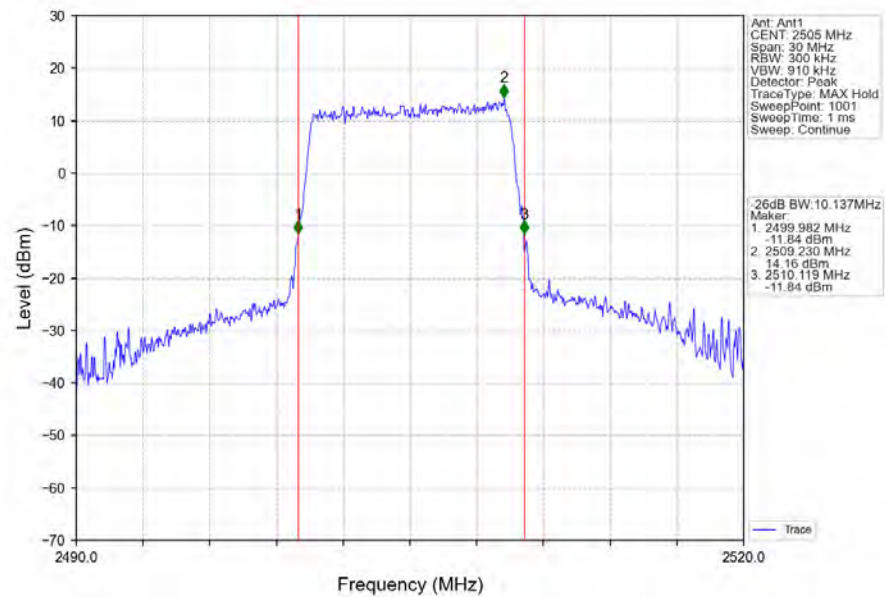
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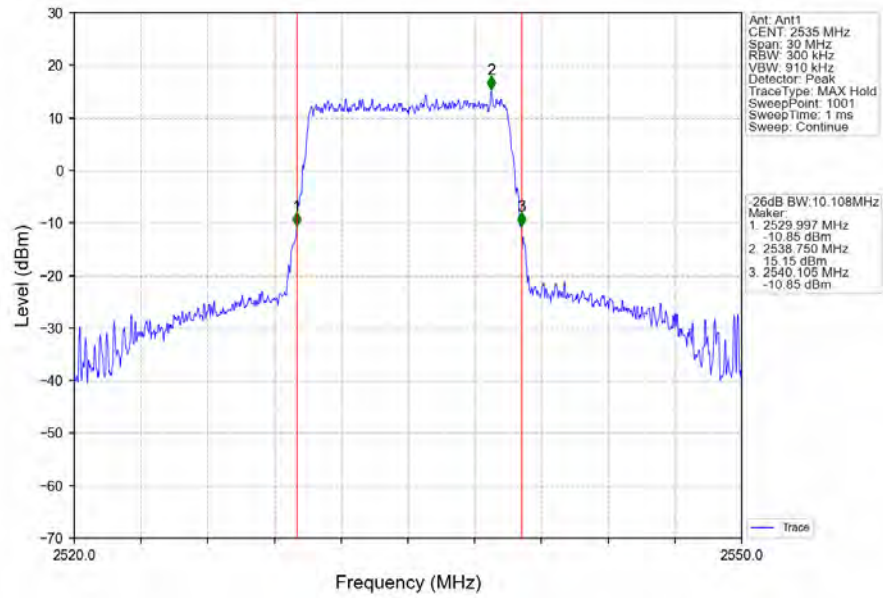
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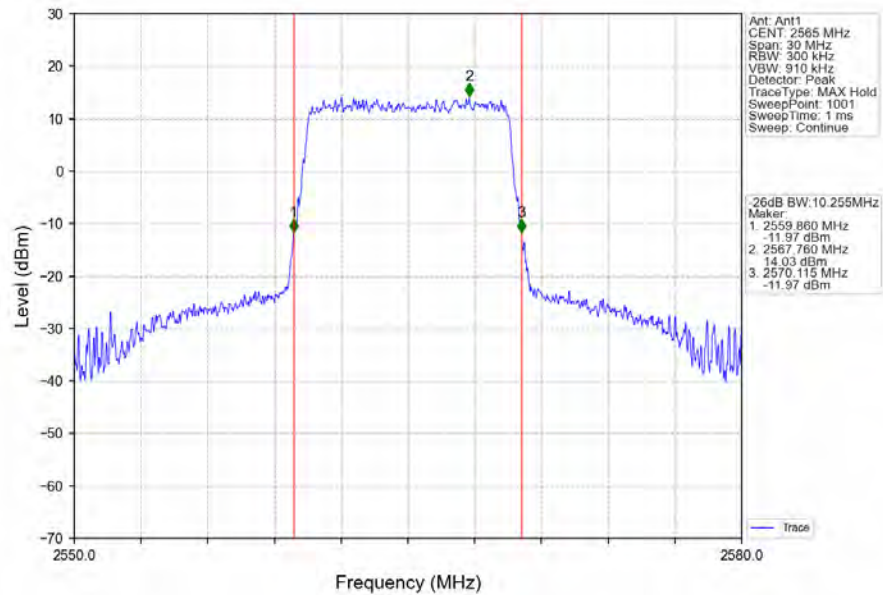
Band7_10MHz_256QAM_LCH_2505MHz_RB_50_0_NTNV



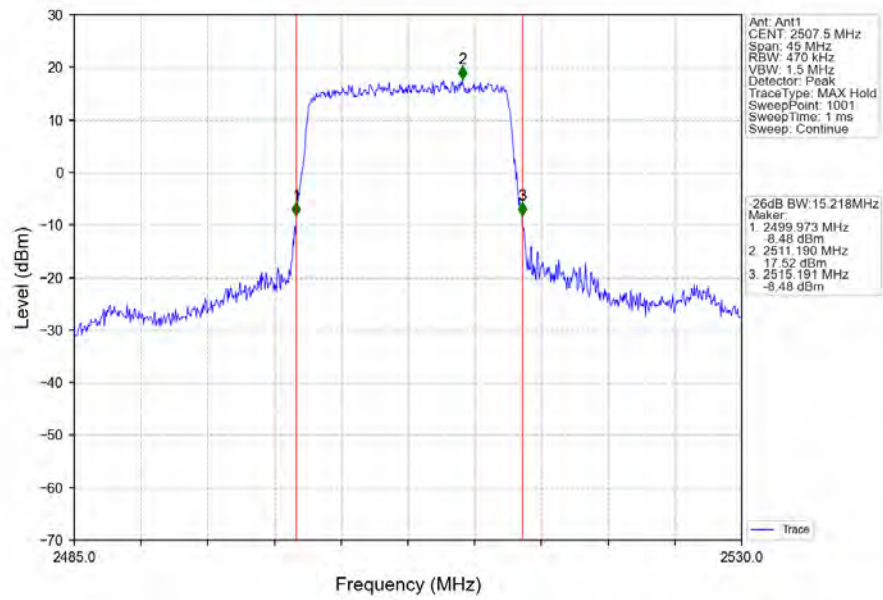
Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTN



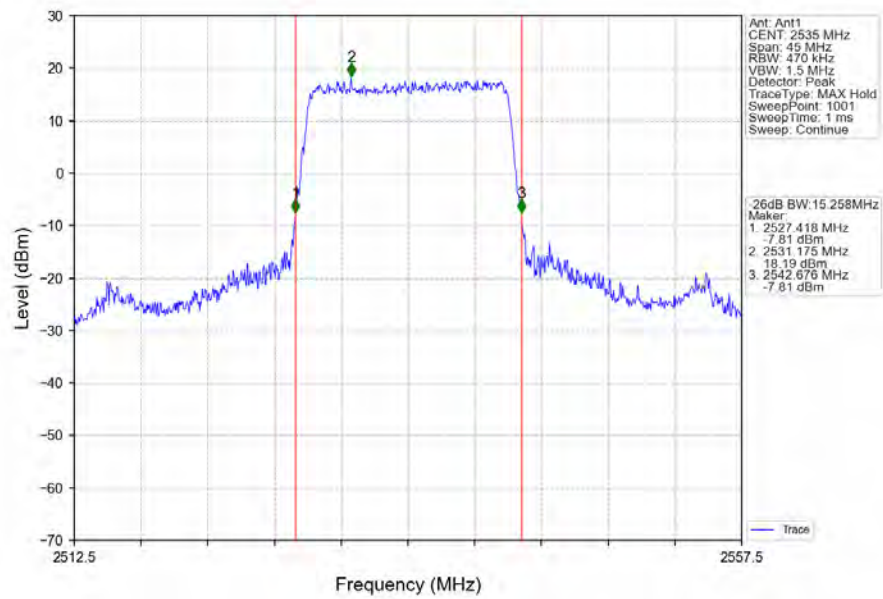
Band7 10MHz 256QAM HCH 2565MHz RB 50 0 NTN



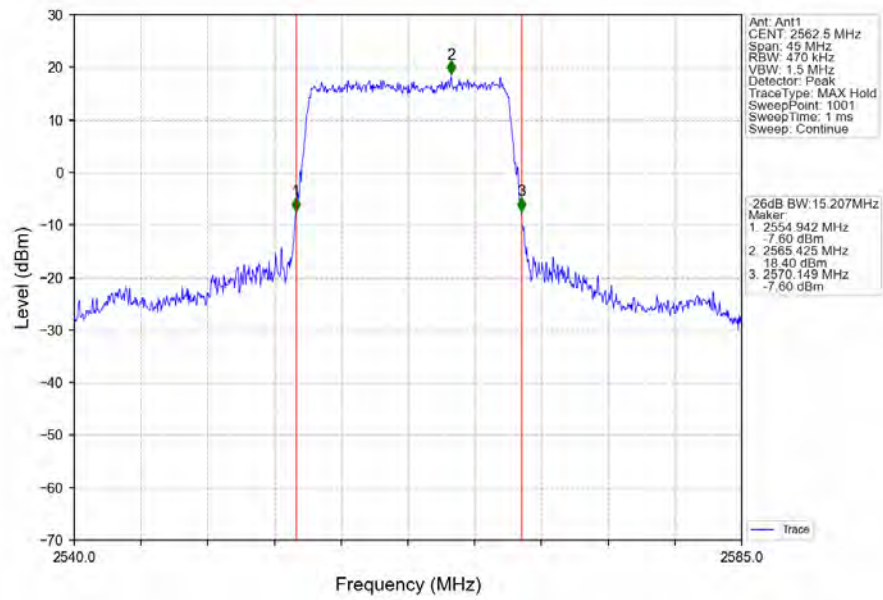
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



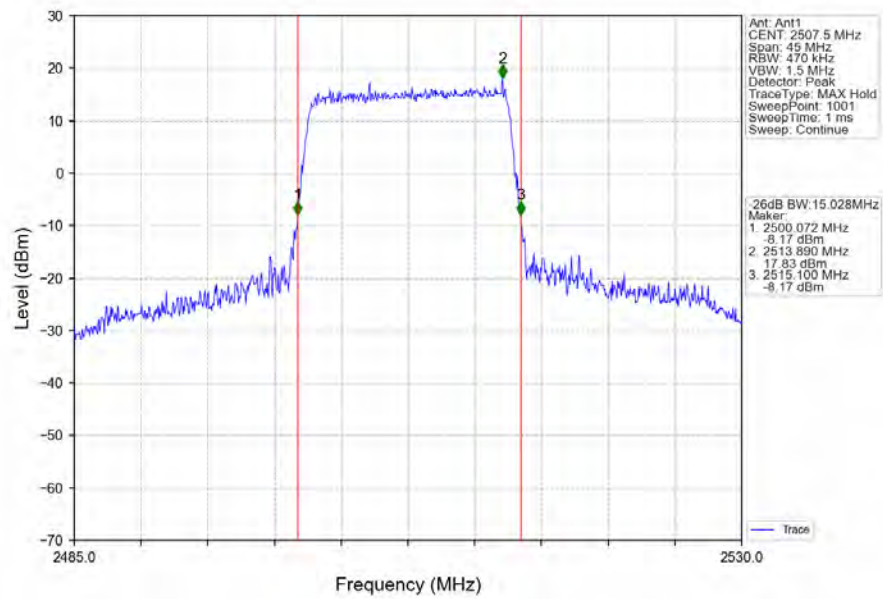
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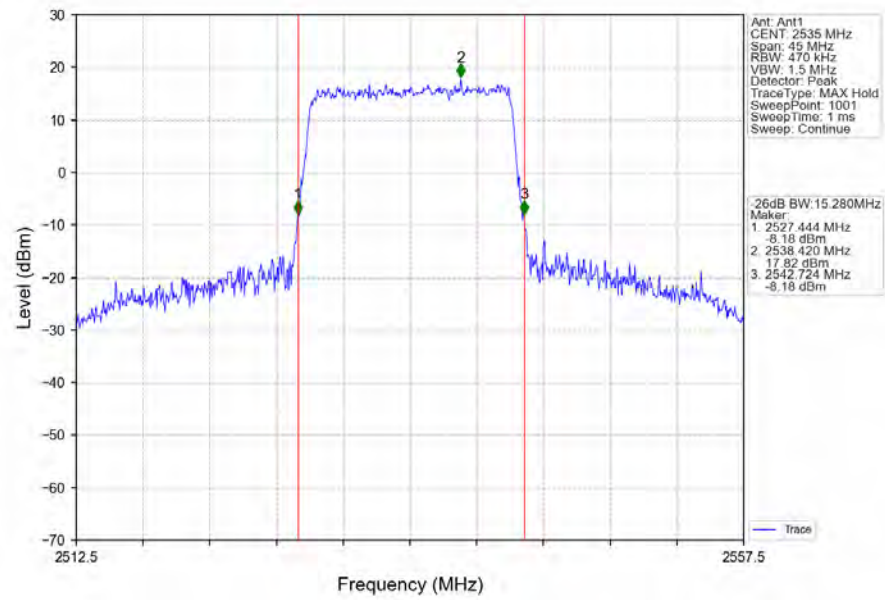
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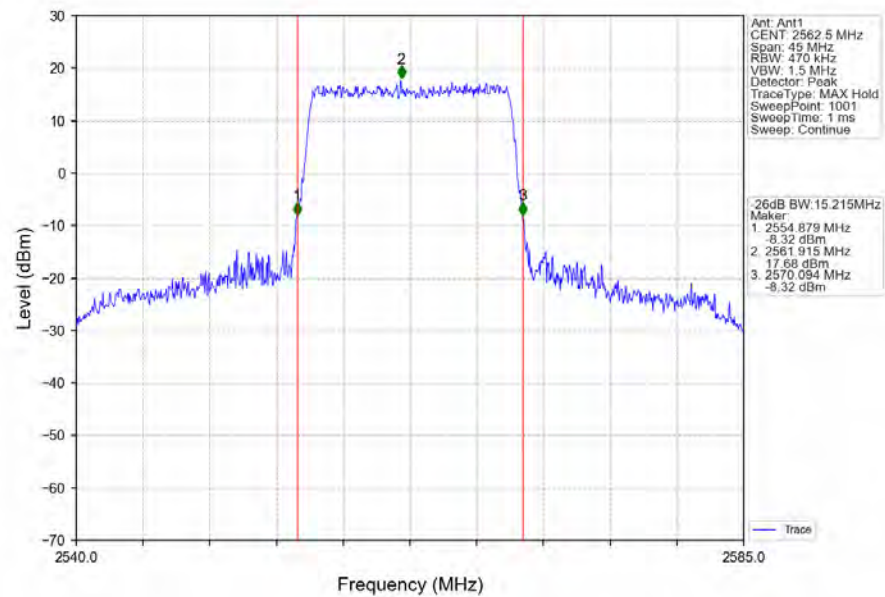
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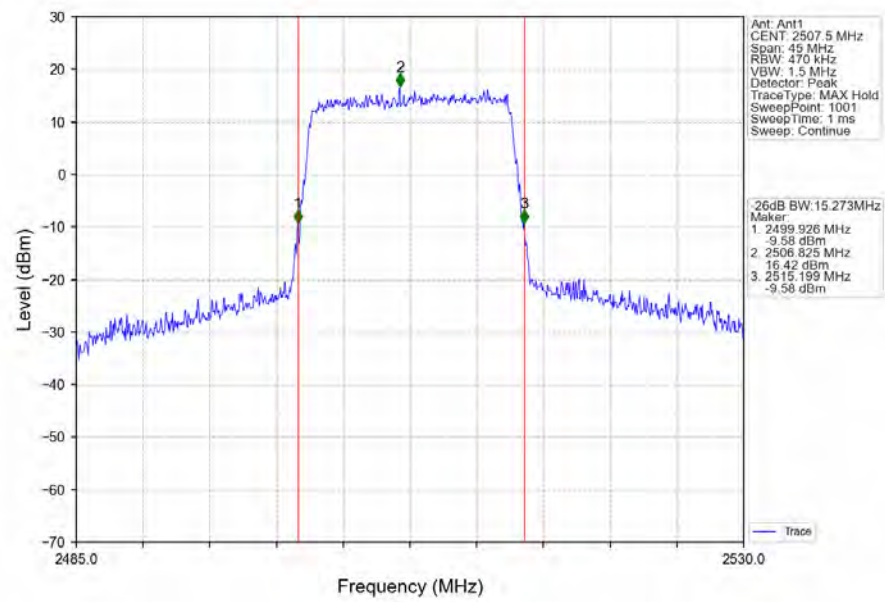
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



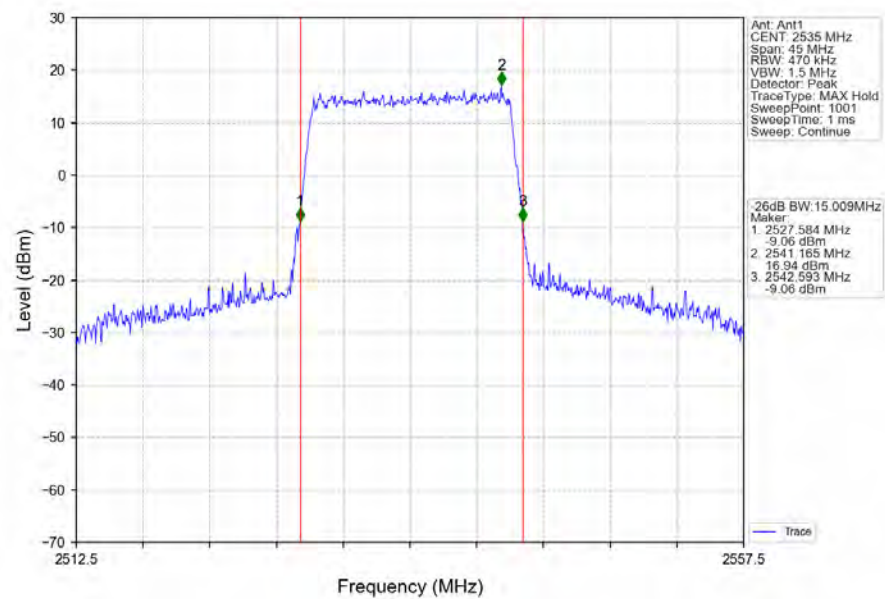
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



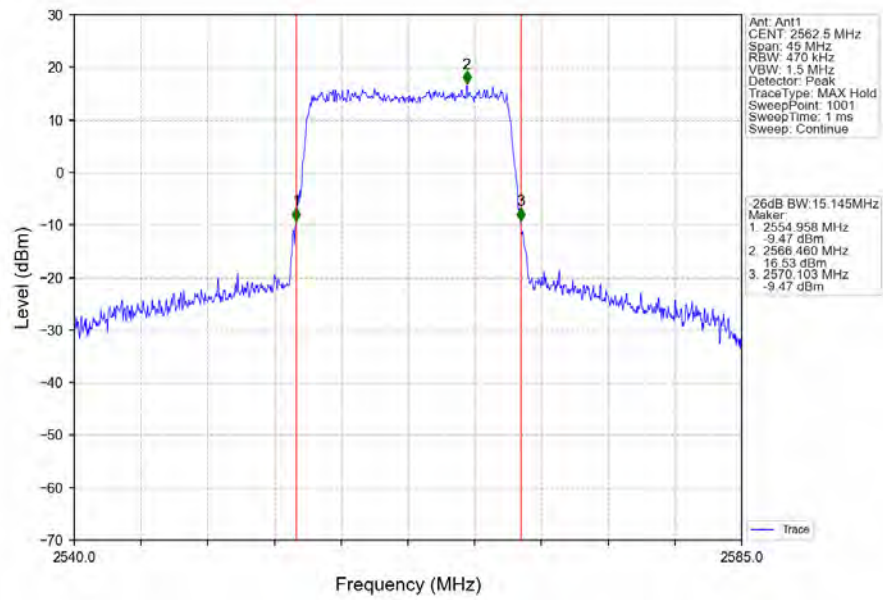
Band7 15MHz 64QAM LCH 2507.5MHz RB 75 0 NTNV



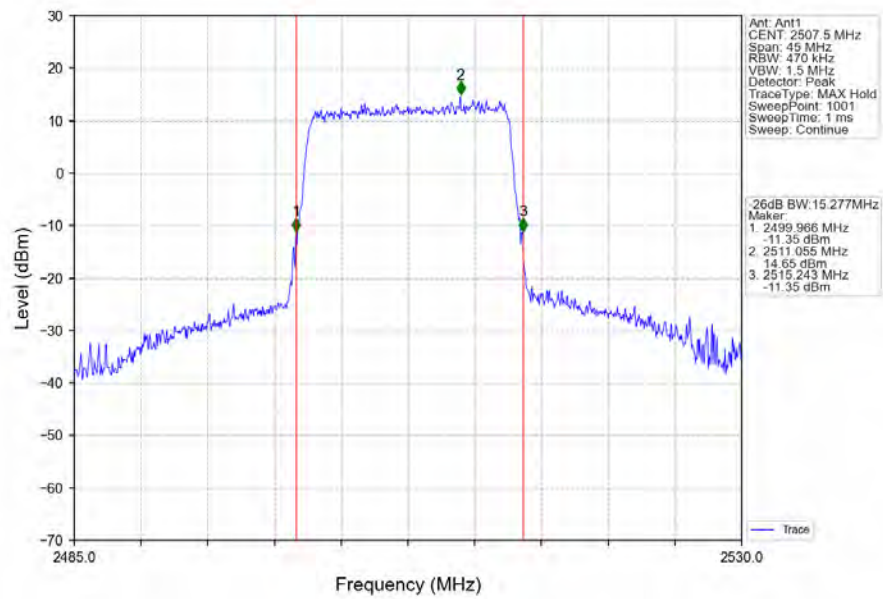
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNV



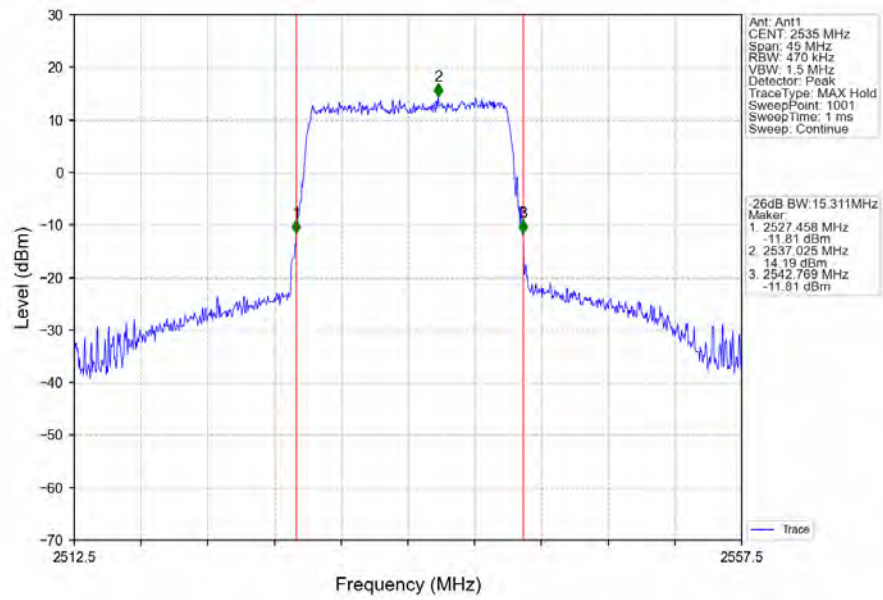
Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV



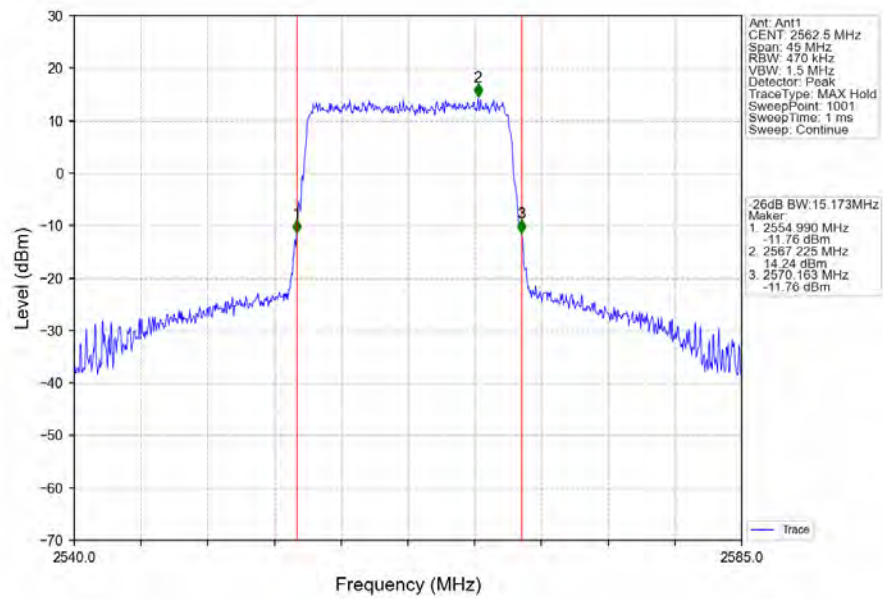
Band7_15MHz_256QAM_LCH_2507.5MHz_RB_75_0_NTNV



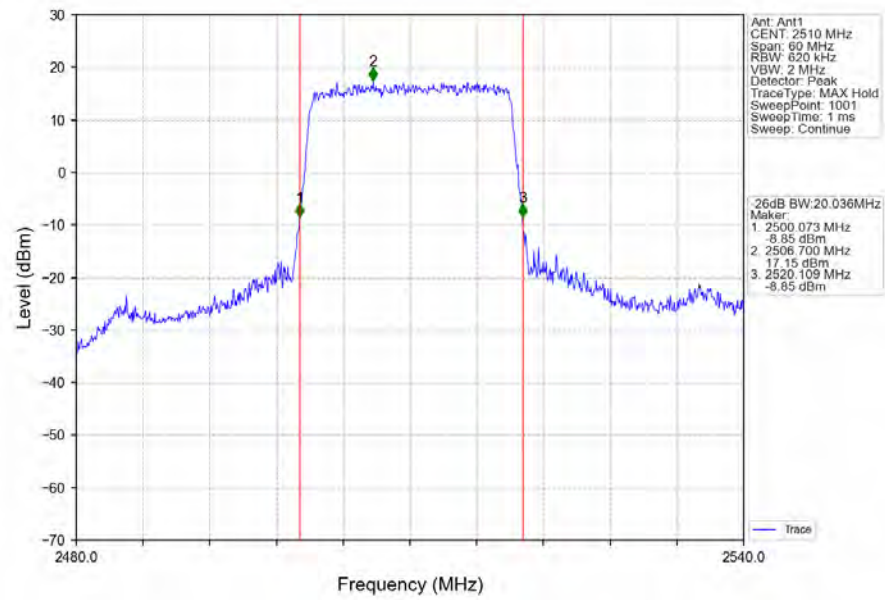
Band7_15MHz_256QAM_MCH_2535MHz_RB_75_0_NTNV



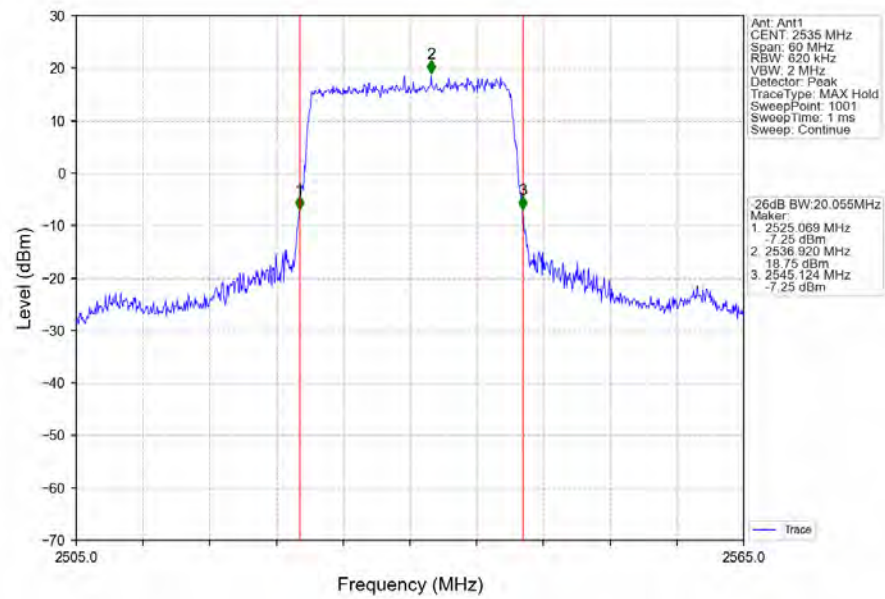
Band7_15MHz_256QAM_HCH_2562.5MHz_RB_75_0_NTNV



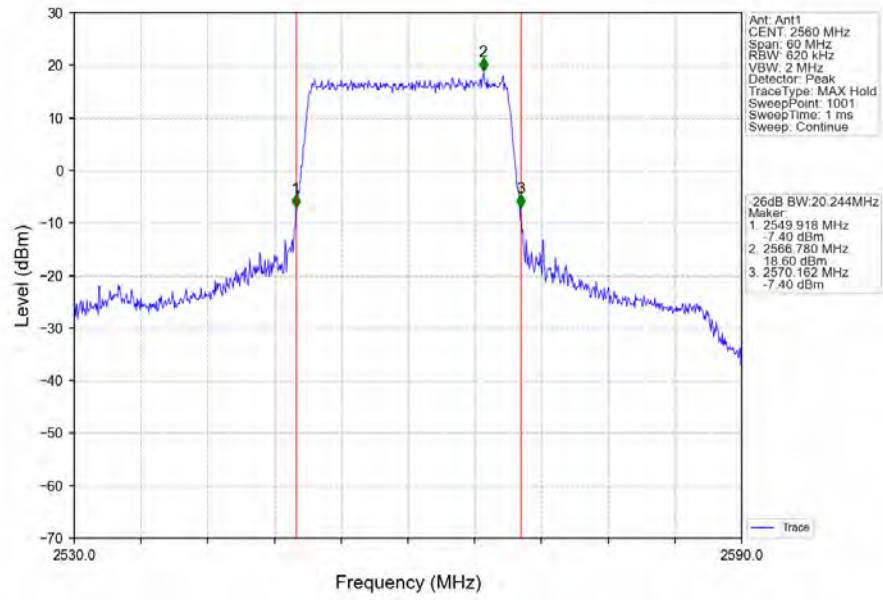
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



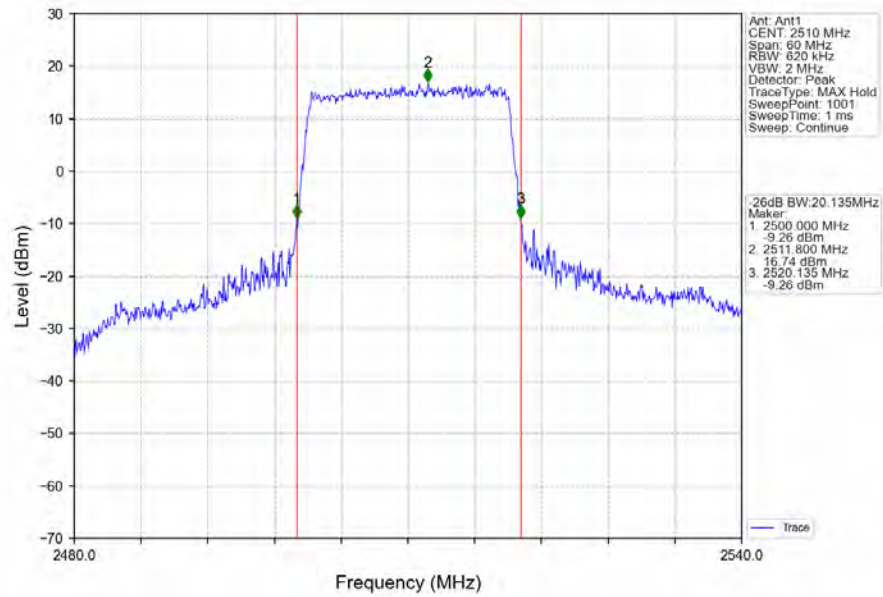
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



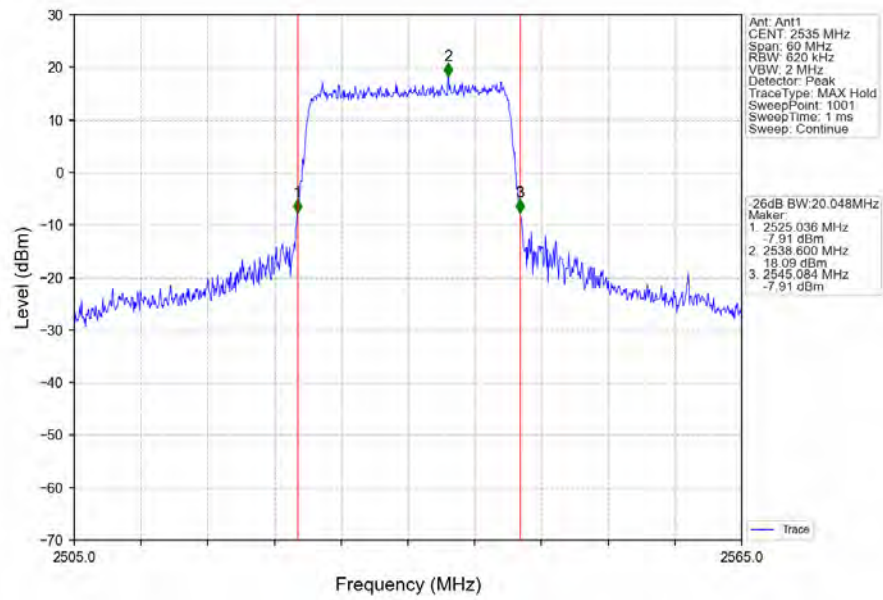
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTN



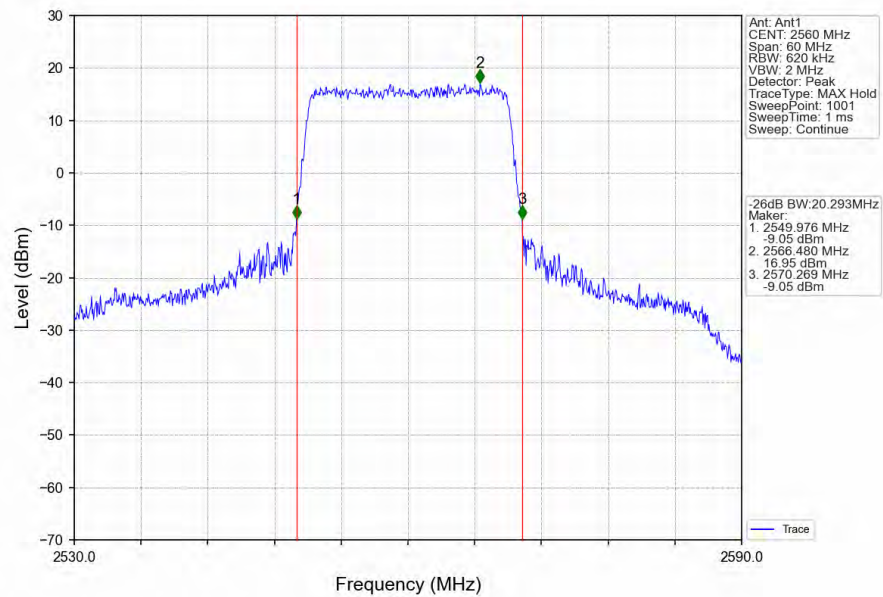
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTN



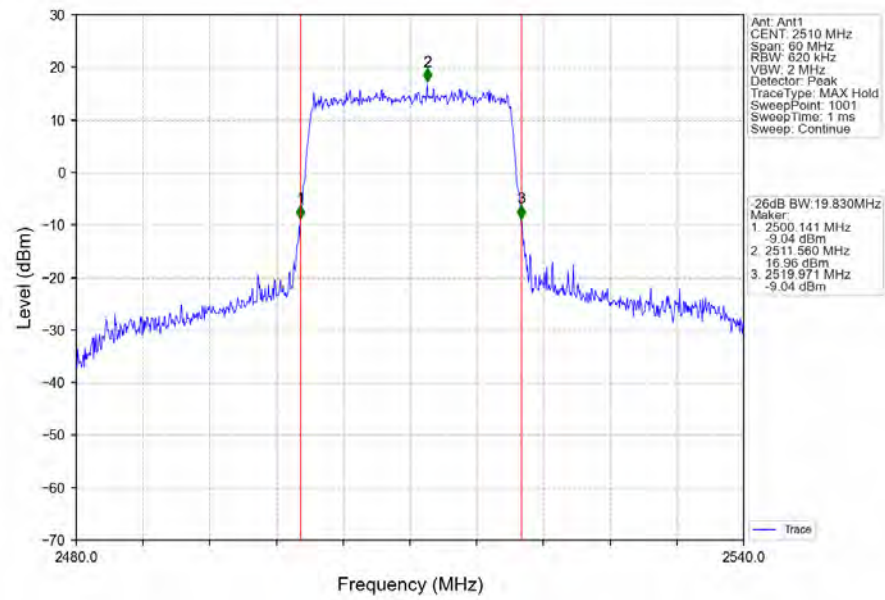
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTN



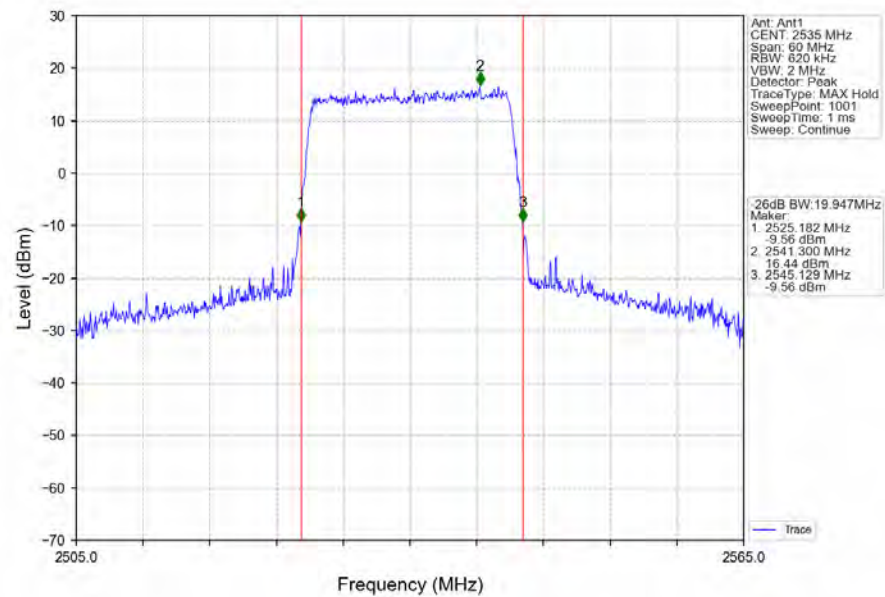
Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTN



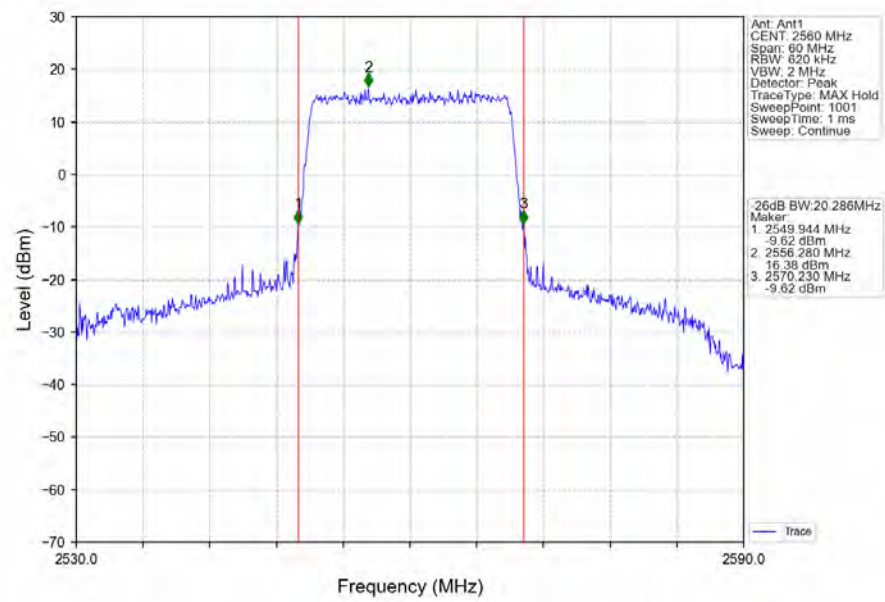
Band7 20MHz 64QAM LCH 2510MHz RB 100 0 NTNV



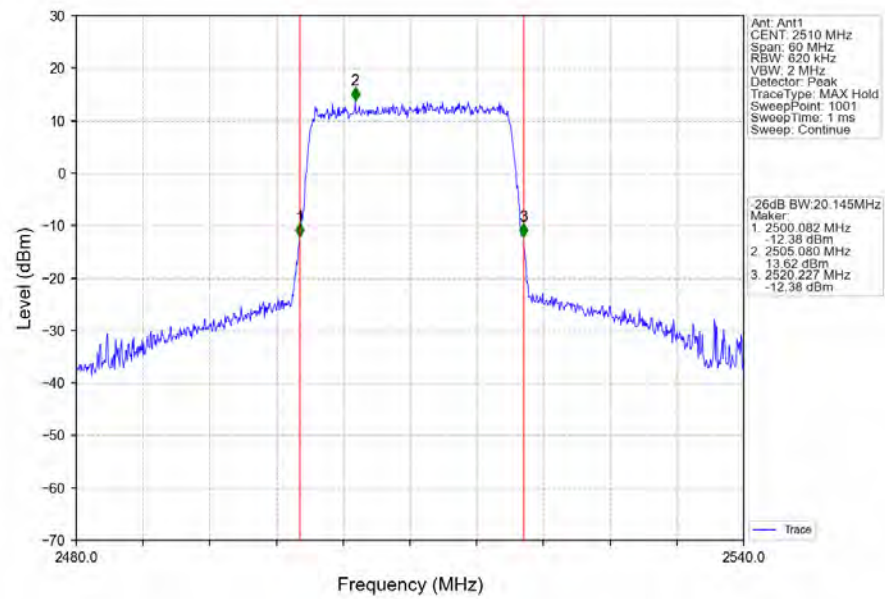
Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



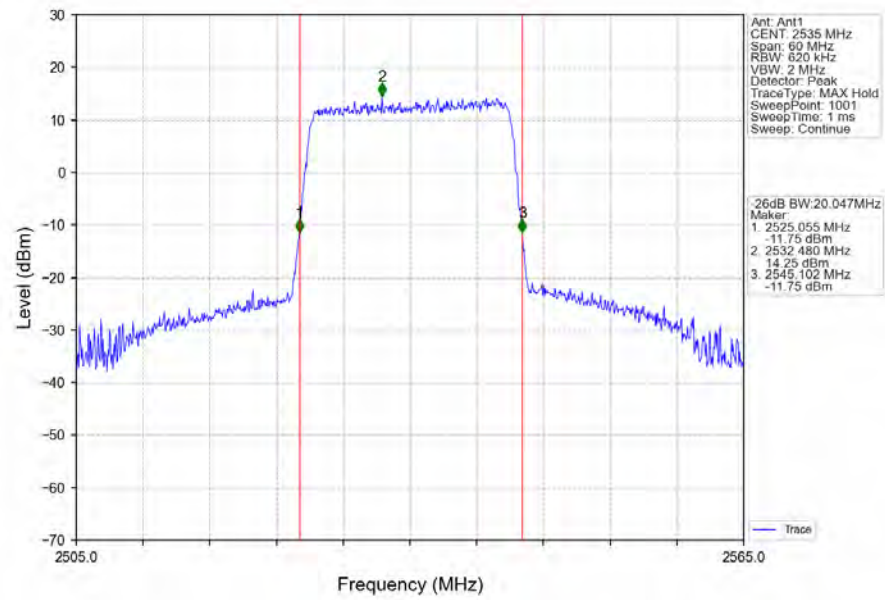
Band7 20MHz 64QAM HCH 2560MHz RB 100 0 NTN



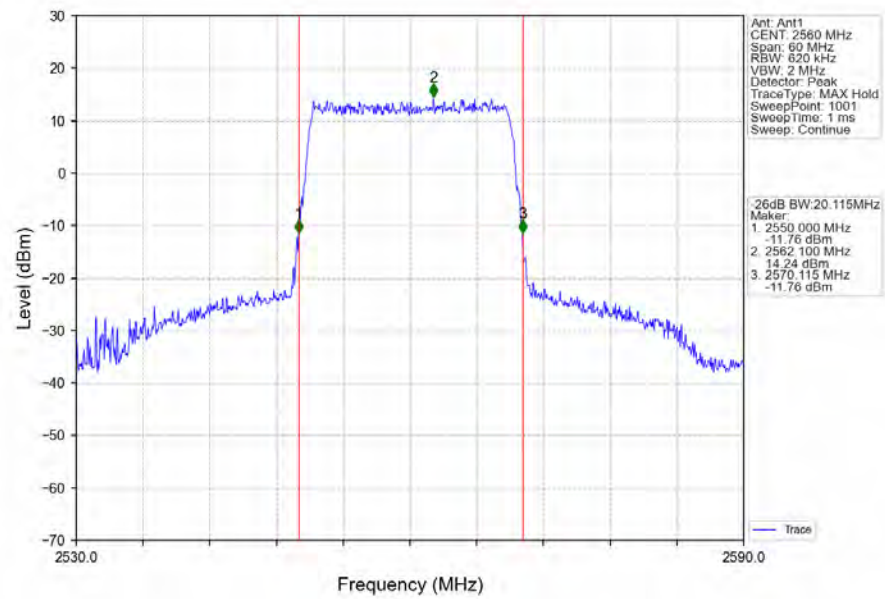
Band7 20MHz 256QAM LCH 2510MHz RB 100 0 NTN



Band7_20MHz_256QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_256QAM_HCH_2560MHz_RB_100_0_NTNV



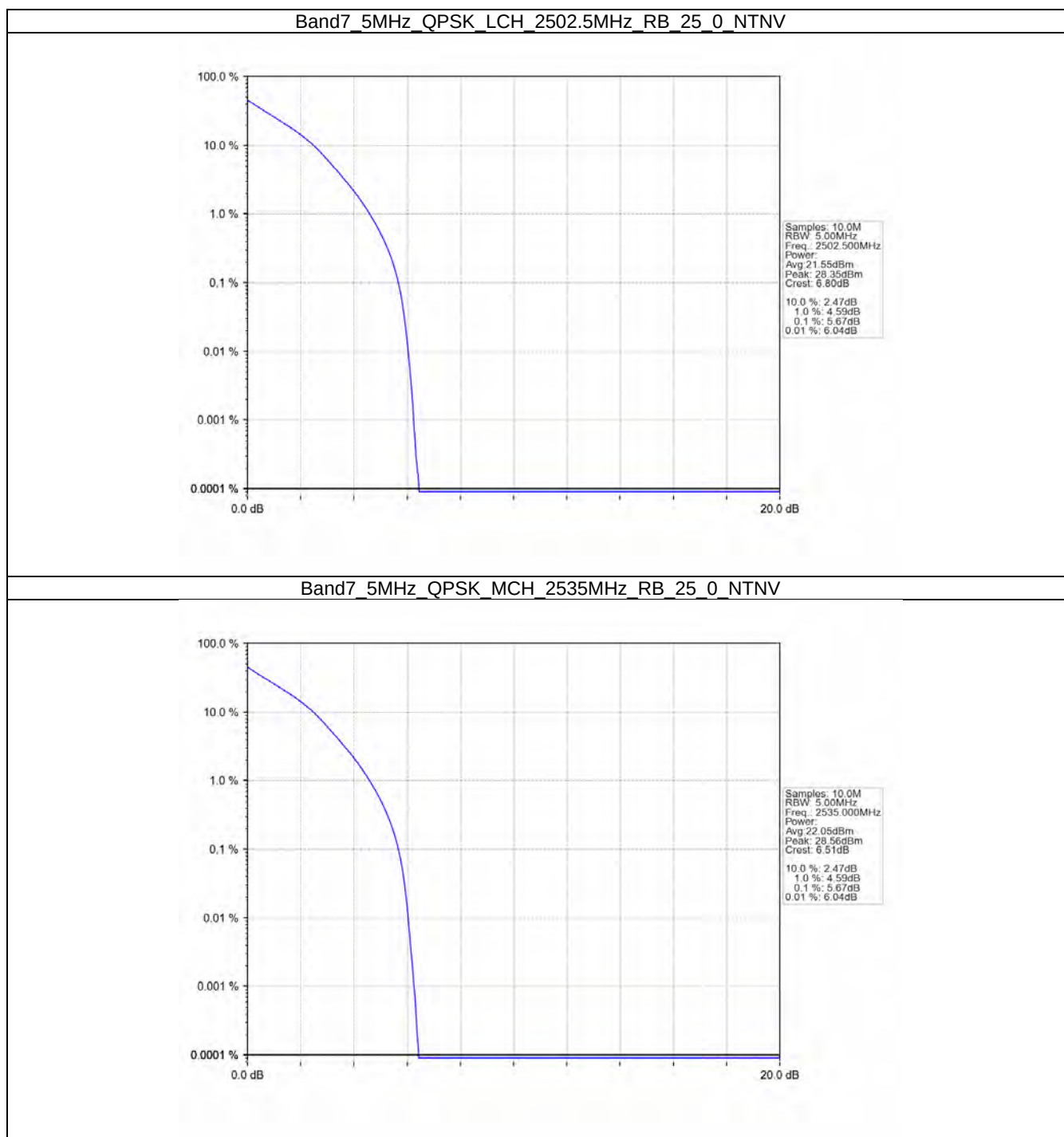
4. Peak-Average Ratio

4.1 B7_5MHz

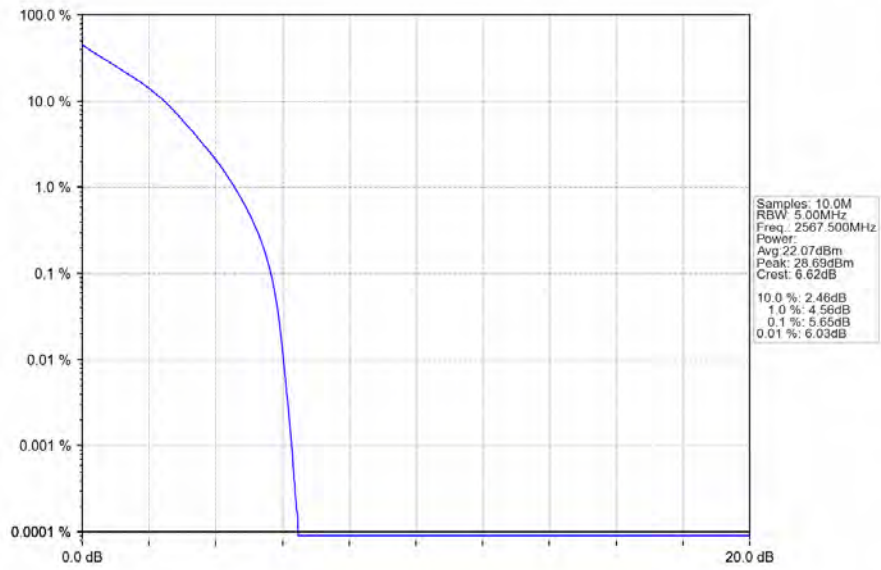
4.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	25	0	5.67	<=13	Pass
	2535	25	0	5.67	<=13	Pass
	2567.5	25	0	5.65	<=13	Pass
16QAM	2502.5	25	0	6.56	<=13	Pass
	2535	25	0	6.57	<=13	Pass
	2567.5	25	0	6.58	<=13	Pass
64QAM	2502.5	25	0	10.54	<=13	Pass
	2535	25	0	10.56	<=13	Pass
	2567.5	25	0	10.45	<=13	Pass
256QAM	2502.5	25	0	7.07	<=13	Pass
	2535	25	0	7.05	<=13	Pass
	2567.5	25	0	7.05	<=13	Pass

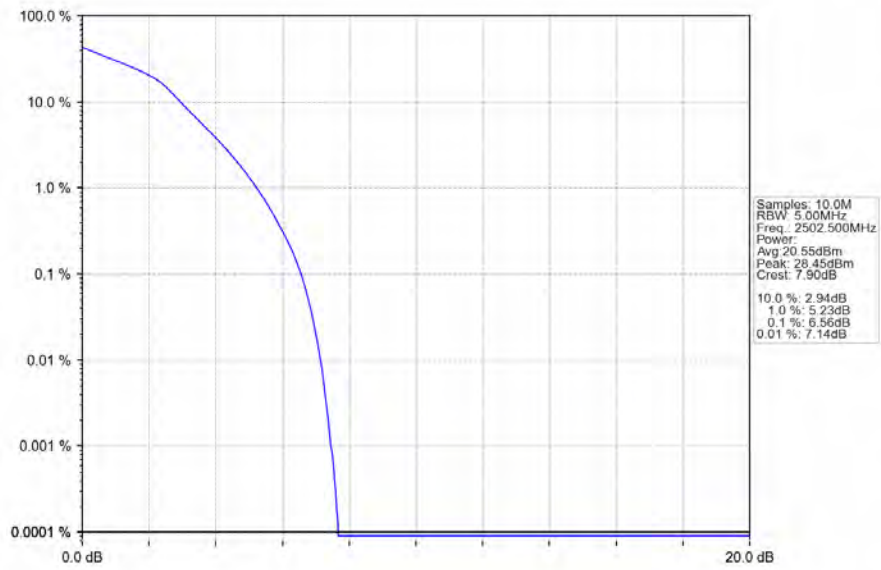
4.1.2 Test Graph



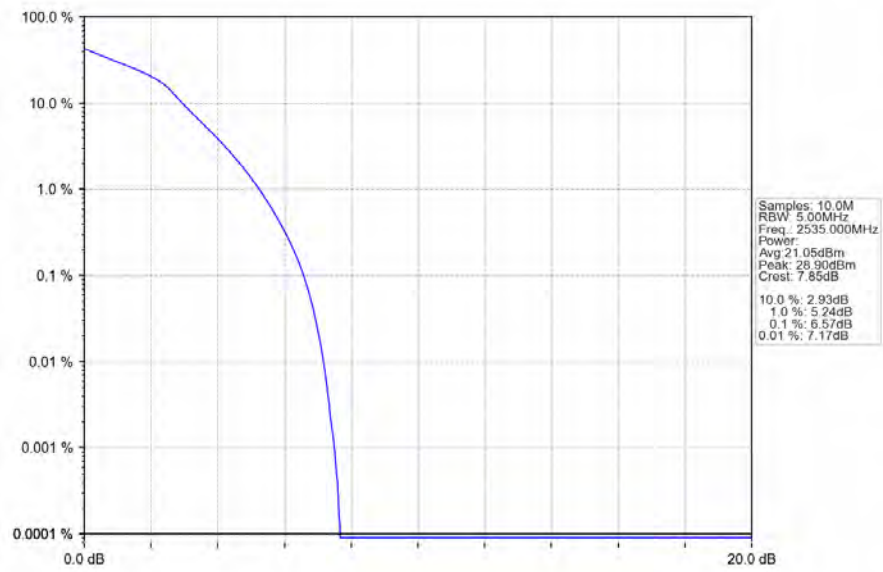
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



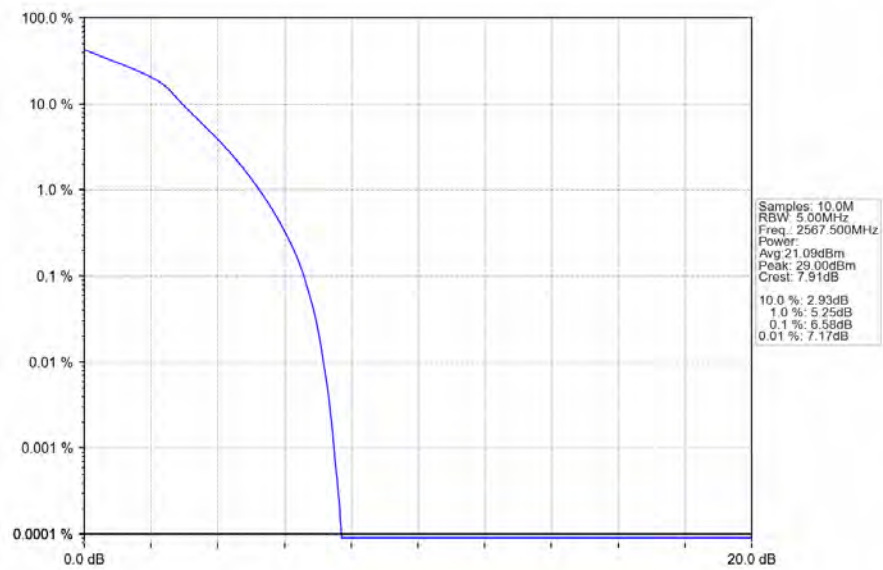
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



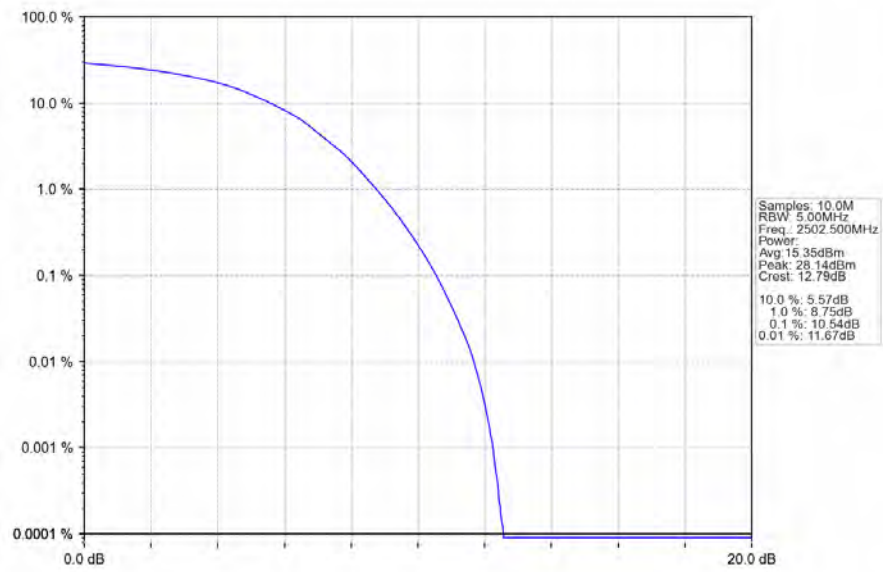
Band7_5MHz_16QAM_MCH_2535.00MHz_RB_25_0_NTNV



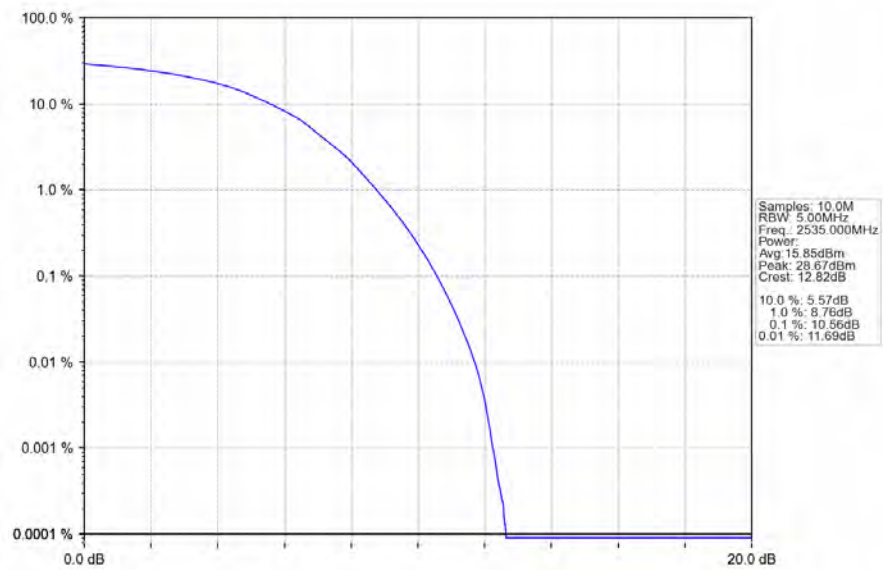
Band7_5MHz_16QAM_HCH_2567.50MHz_RB_25_0_NTNV



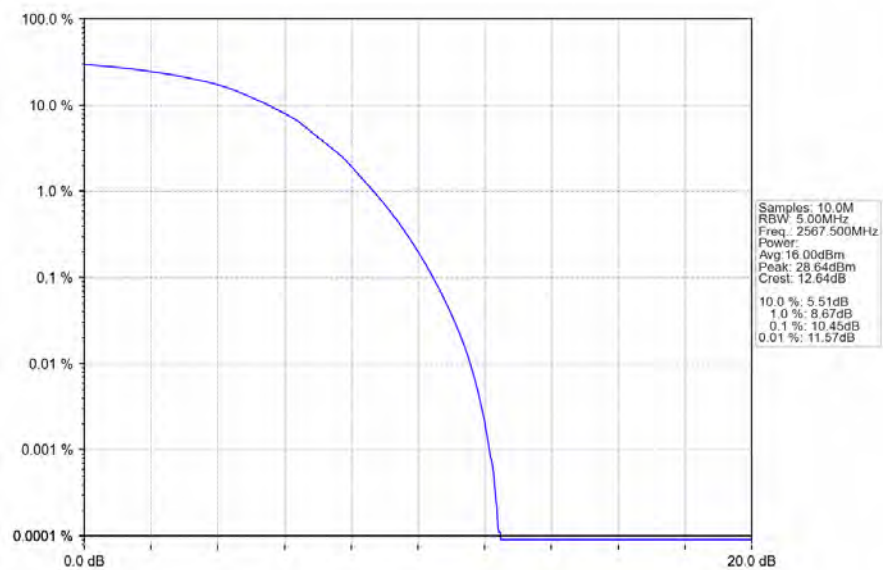
Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



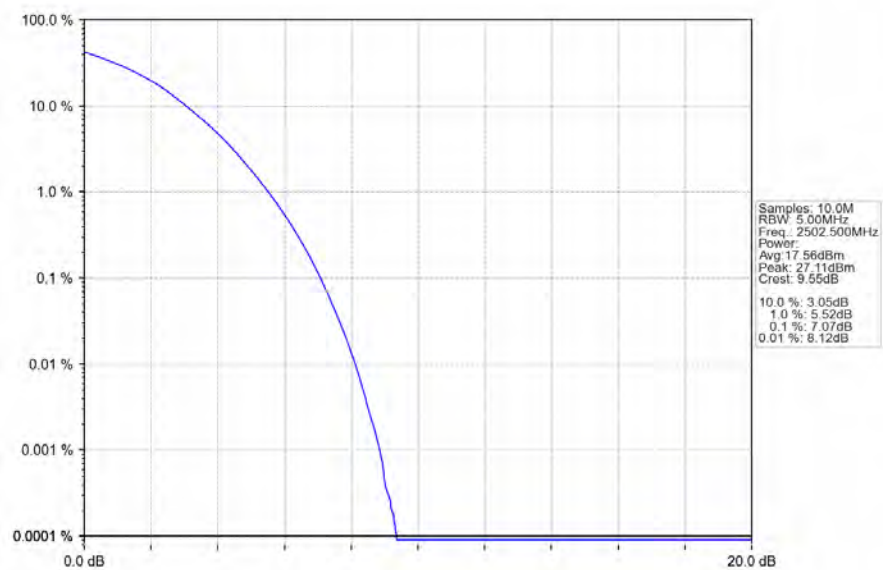
Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



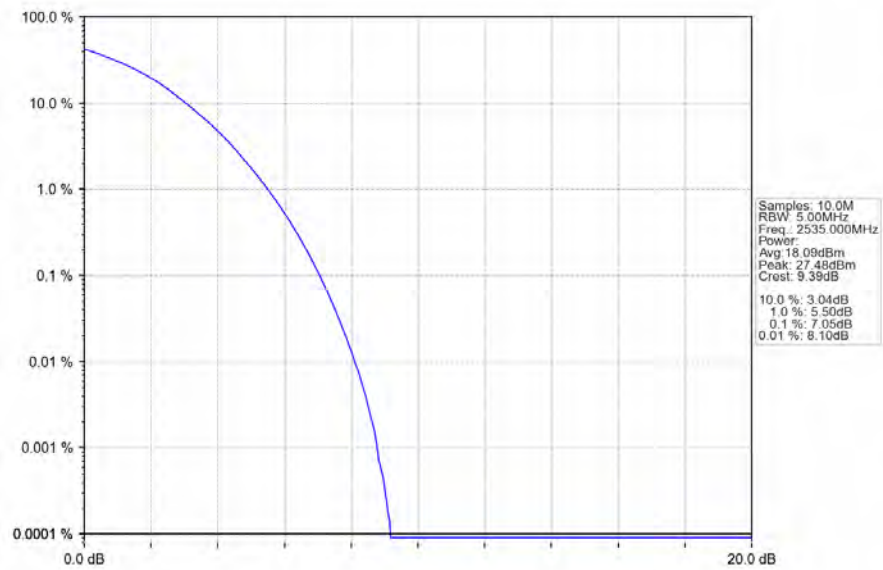
Band7 5MHz 64QAM HCH 2567.5MHz RB 25 0 NTNV



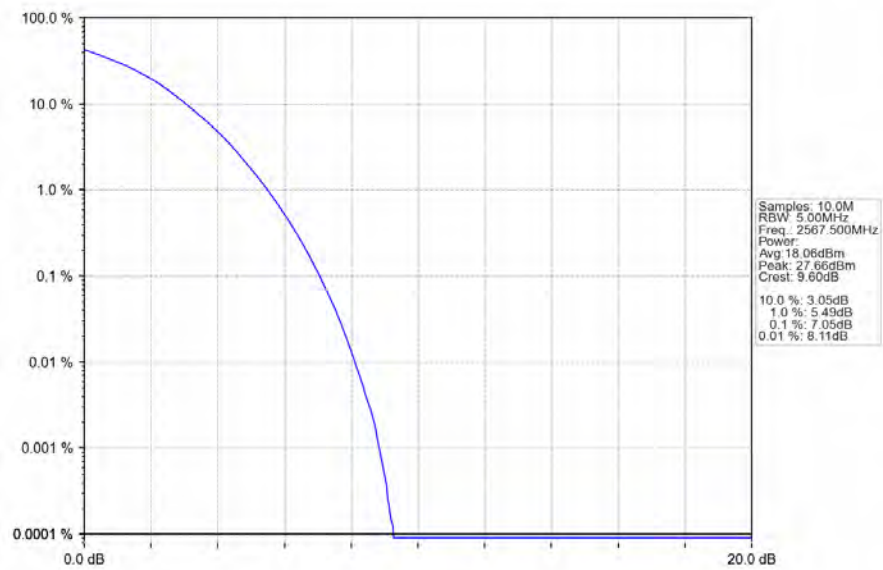
Band7 5MHz 256QAM LCH 2502.5MHz RB 25 0 NTNV



Band7_5MHz_256QAM_MCH_2535MHz_RB_25_0_NTNV



Band7_5MHz_256QAM_HCH_2567.5MHz_RB_25_0_NTNV

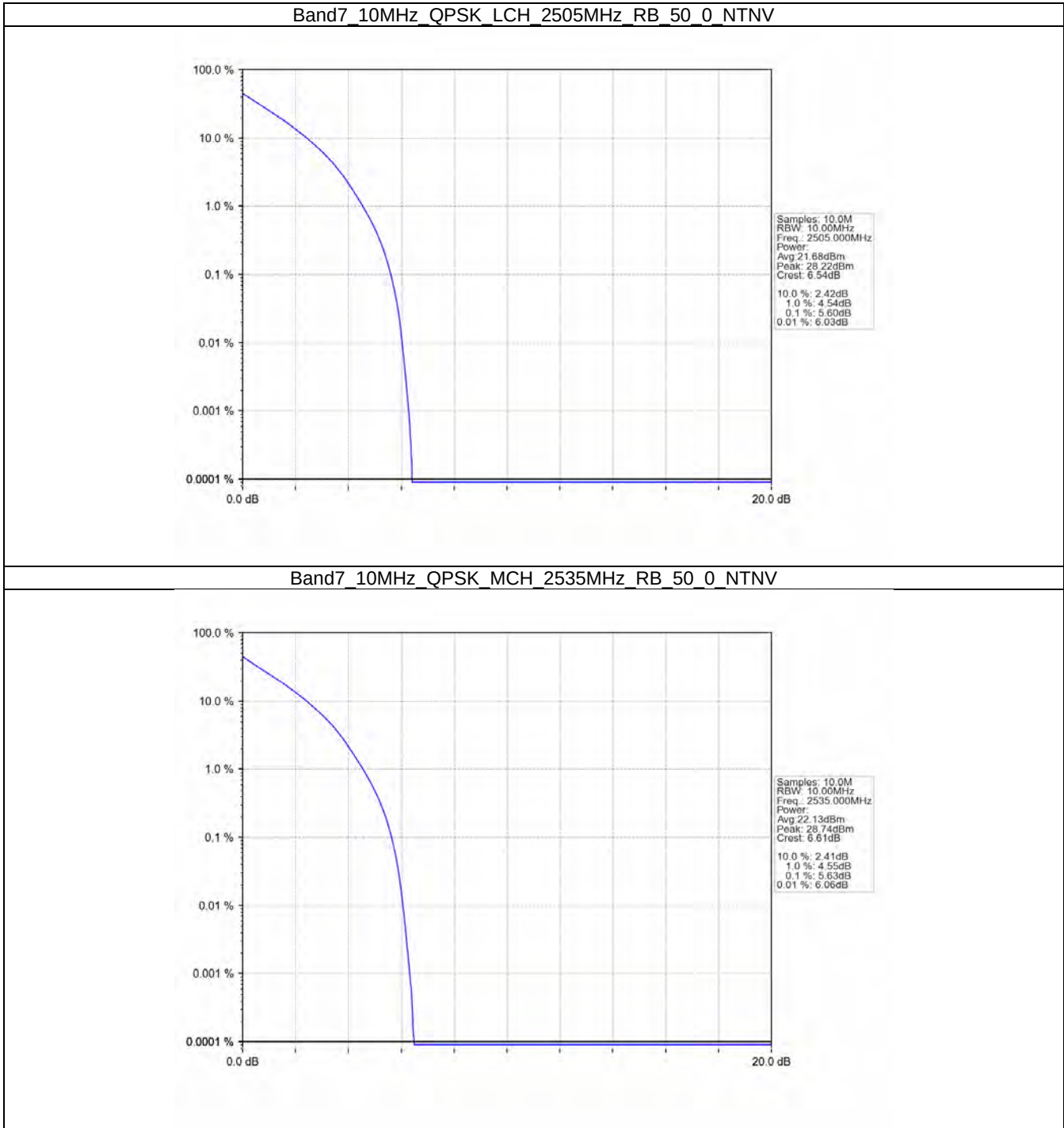


4.2 B7_10MHz

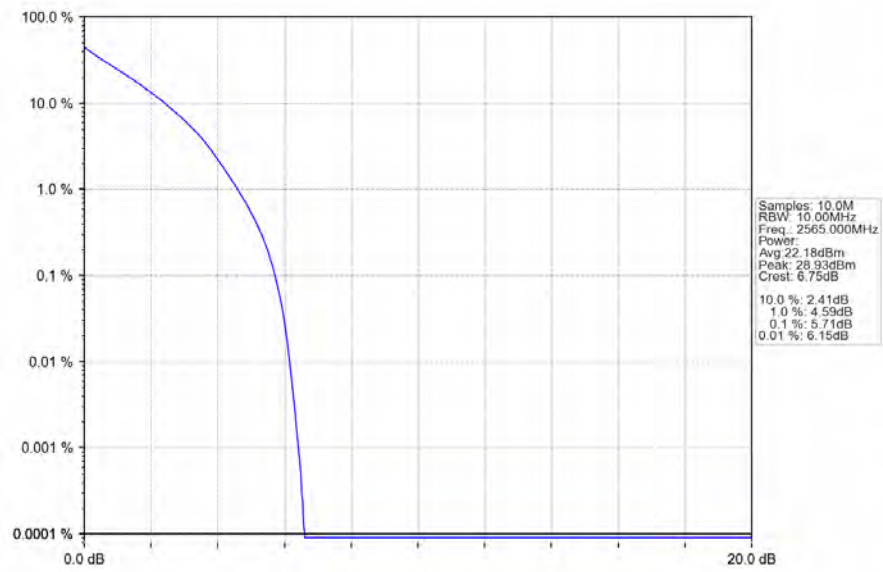
4.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	50	0	5.60	<=13	Pass
	2535	50	0	5.63	<=13	Pass
	2565	50	0	5.71	<=13	Pass
16QAM	2505	50	0	6.45	<=13	Pass
	2535	50	0	6.46	<=13	Pass
	2565	50	0	6.54	<=13	Pass
64QAM	2505	50	0	8.15	<=13	Pass
	2535	50	0	8.10	<=13	Pass
	2565	50	0	6.88	<=13	Pass
256QAM	2505	50	0	7.05	<=13	Pass
	2535	50	0	7.04	<=13	Pass
	2565	50	0	7.03	<=13	Pass

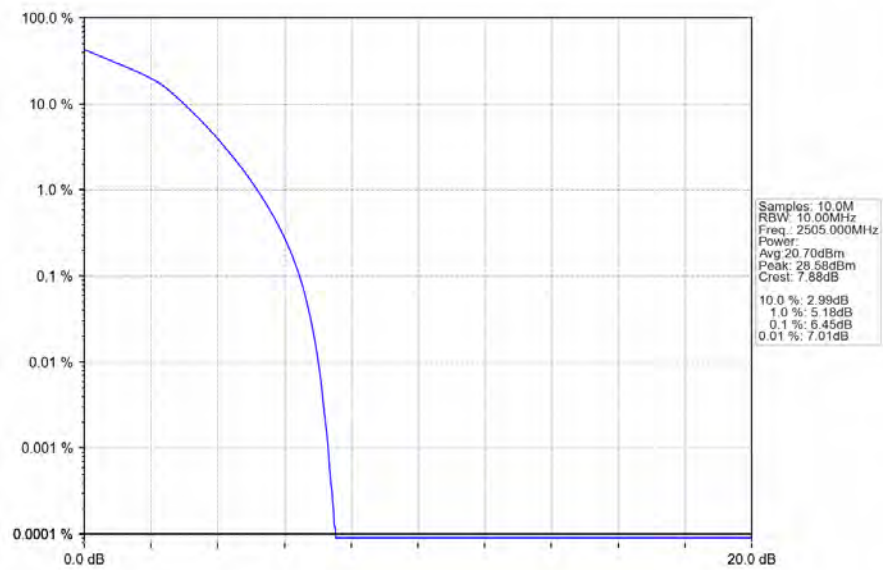
4.2.2 Test Graph



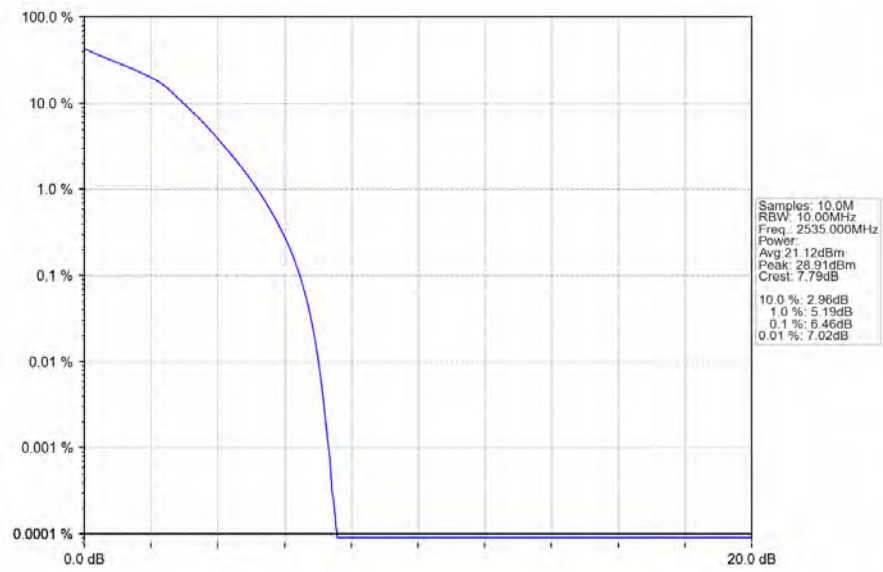
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTV



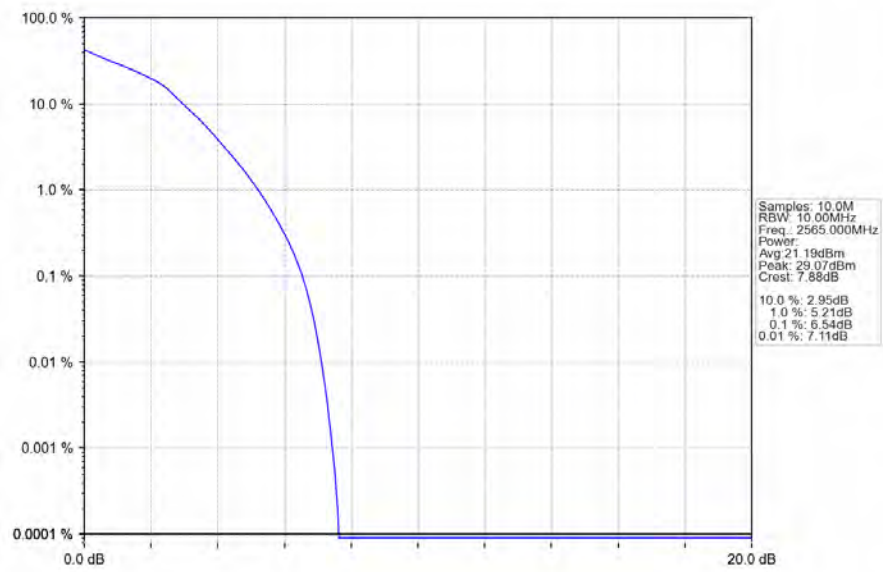
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTV



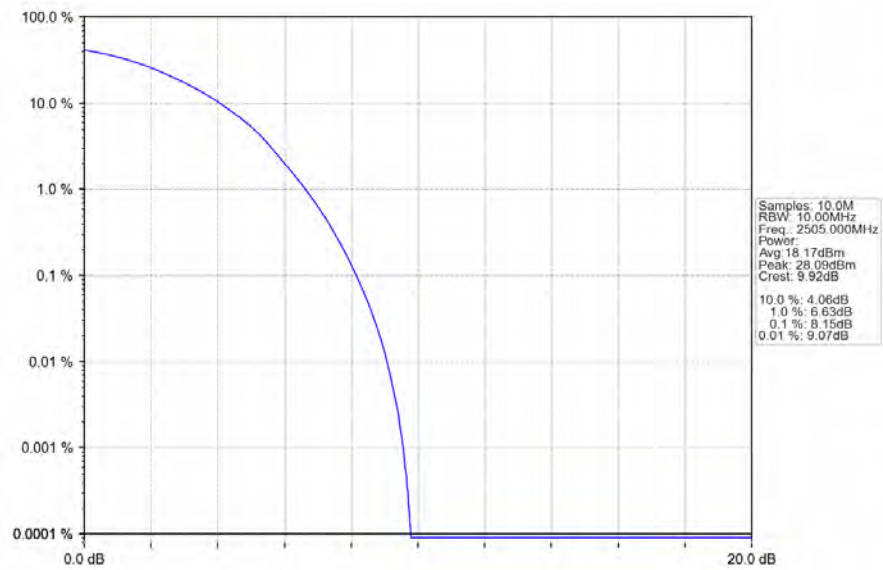
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



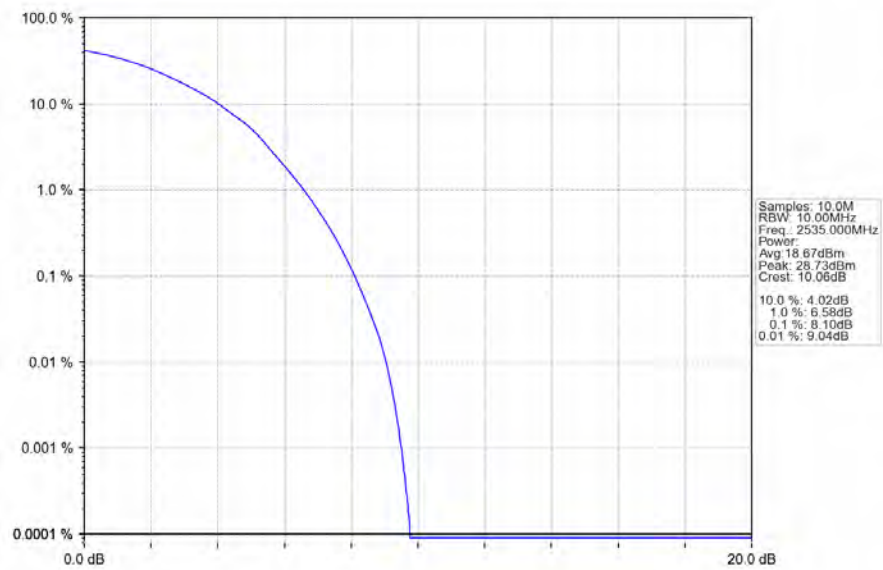
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



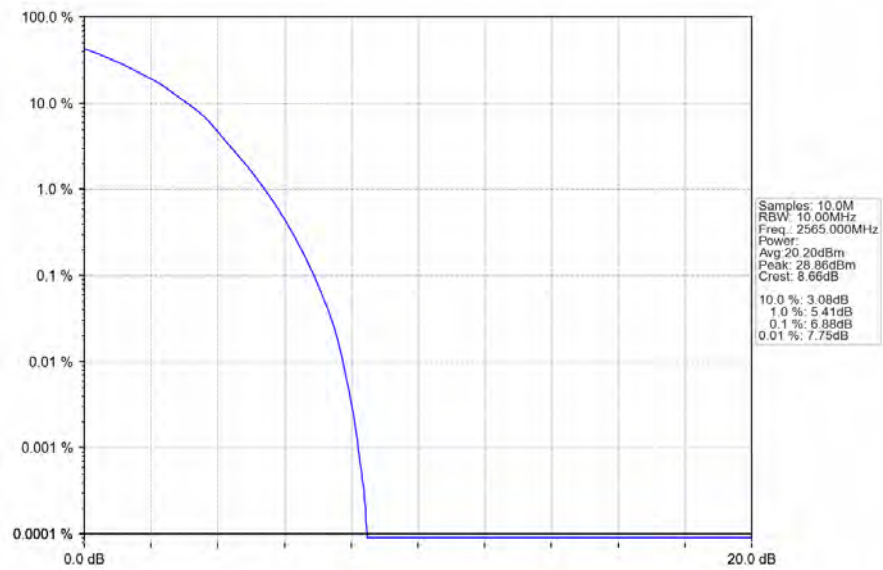
Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV



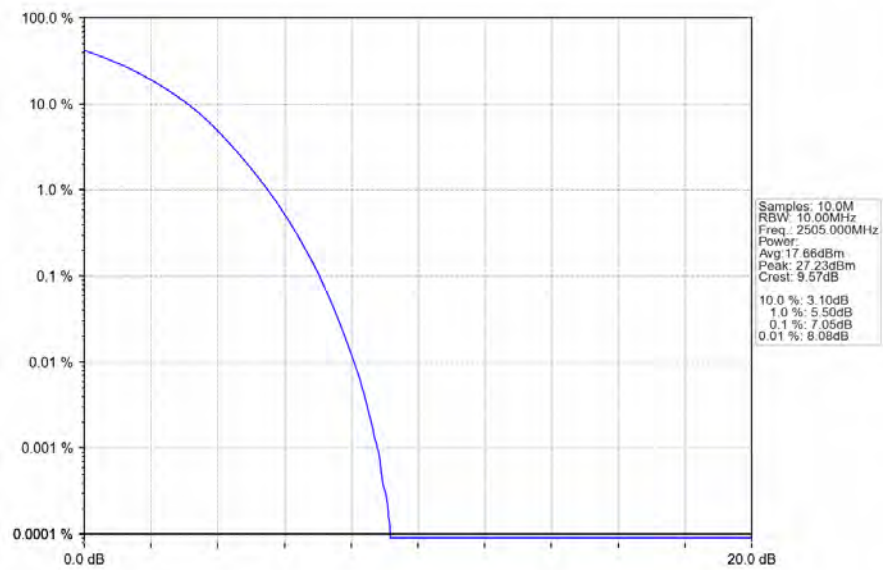
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



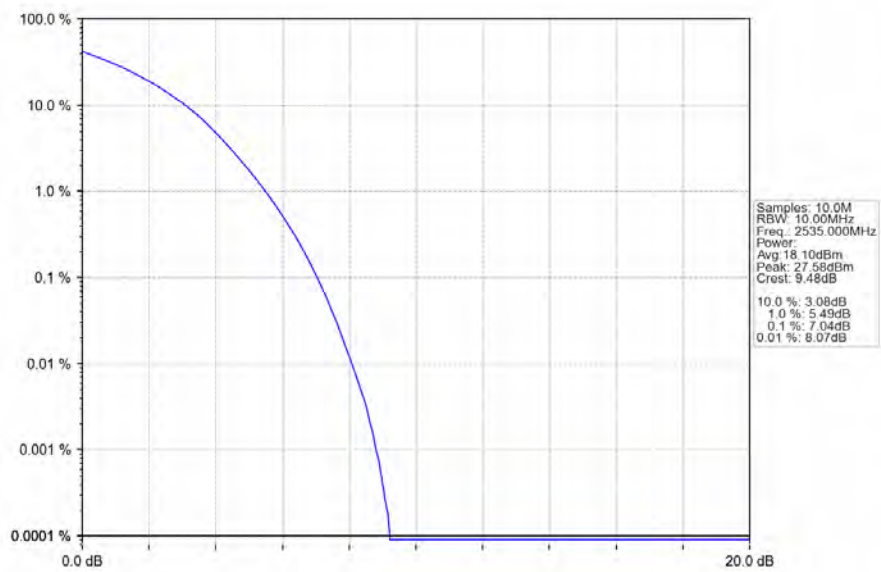
Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV



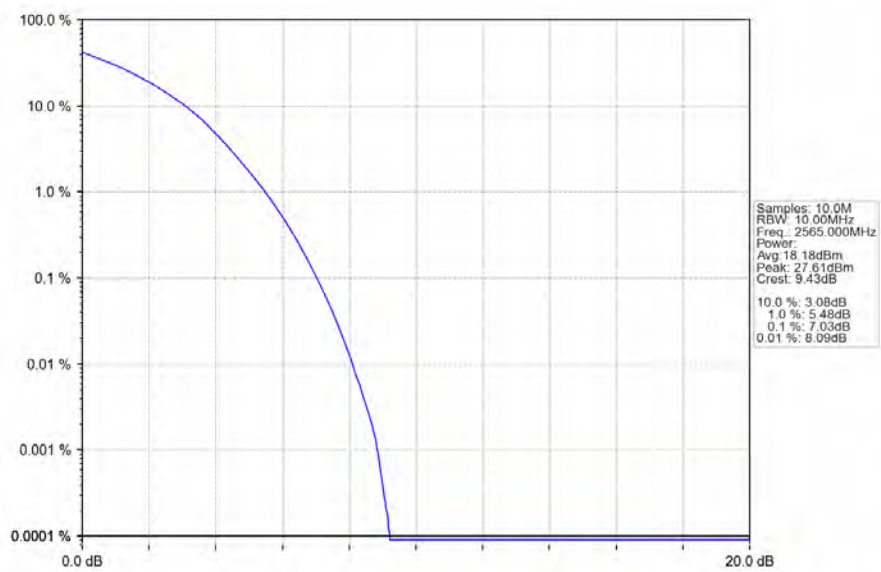
Band7_10MHz_256QAM_LCH_2505MHz_RB_50_0_NTNV



Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTN



Band7 10MHz 256QAM HCH 2565MHz RB 50 0 NTN

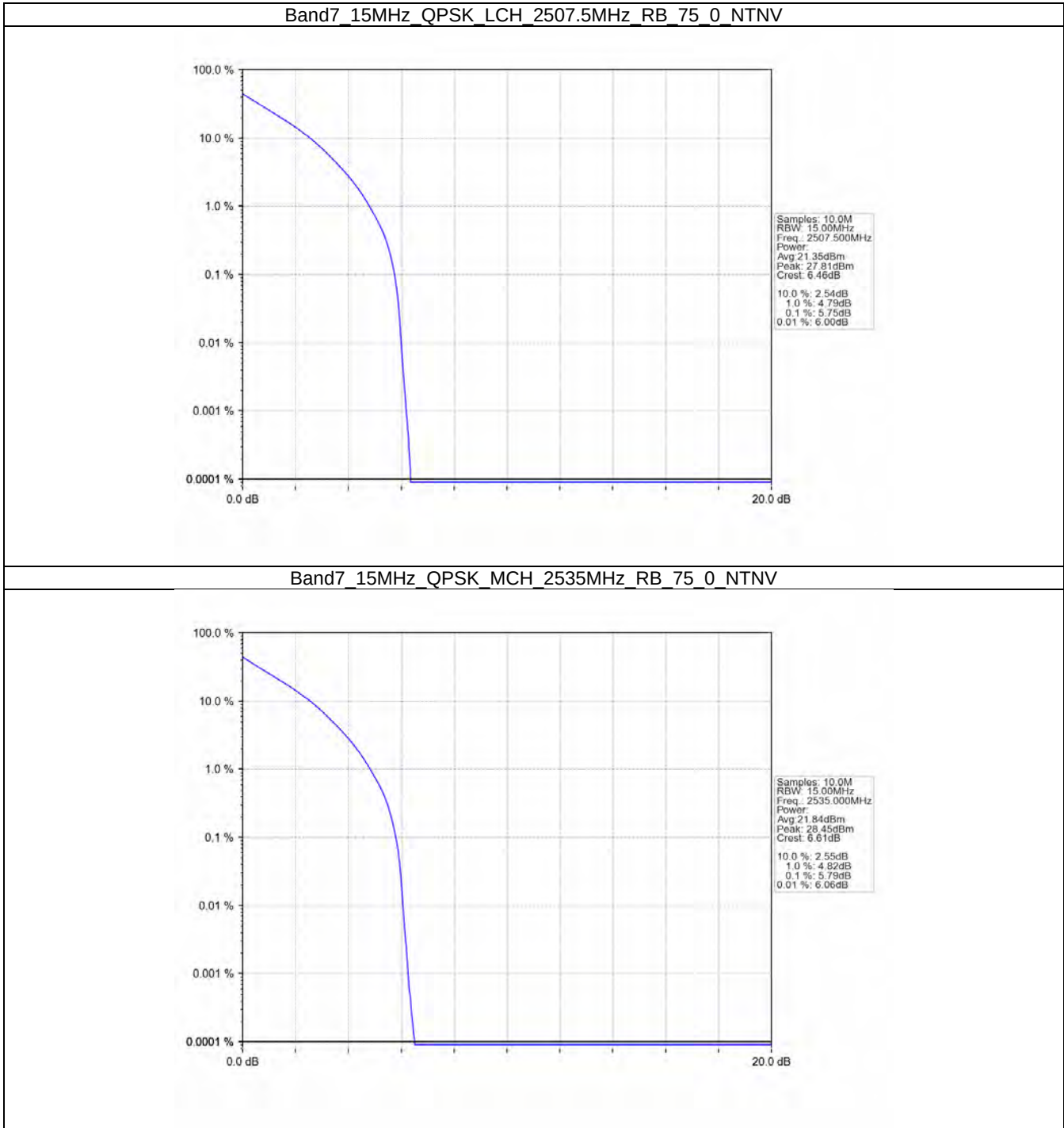


4.3 B7_15MHz

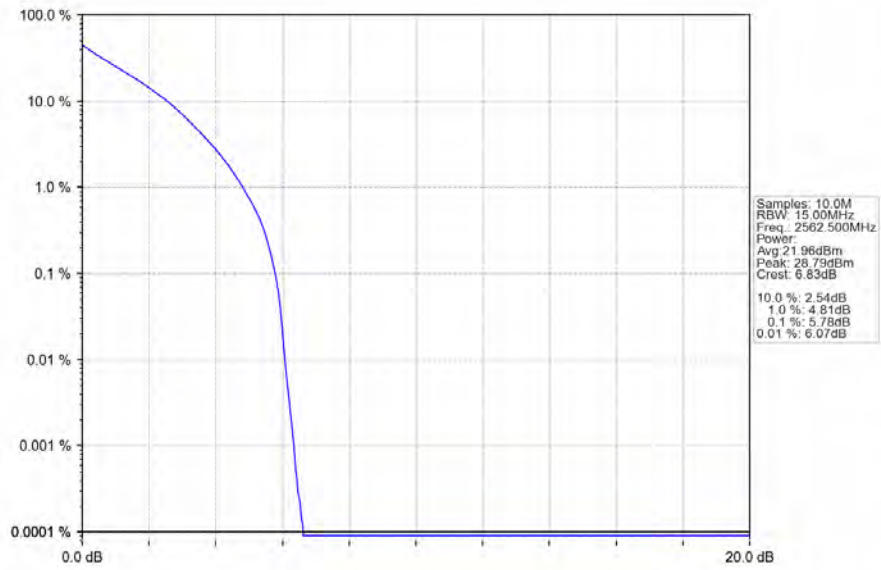
4.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	5.75	<=13	Pass
	2535	75	0	5.79	<=13	Pass
	2562.5	75	0	5.78	<=13	Pass
16QAM	2507.5	75	0	6.47	<=13	Pass
	2535	75	0	6.49	<=13	Pass
	2562.5	75	0	6.60	<=13	Pass
64QAM	2507.5	75	0	6.80	<=13	Pass
	2535	75	0	6.81	<=13	Pass
	2562.5	75	0	6.97	<=13	Pass
256QAM	2507.5	75	0	6.98	<=13	Pass
	2535	75	0	7.02	<=13	Pass
	2562.5	75	0	7.02	<=13	Pass

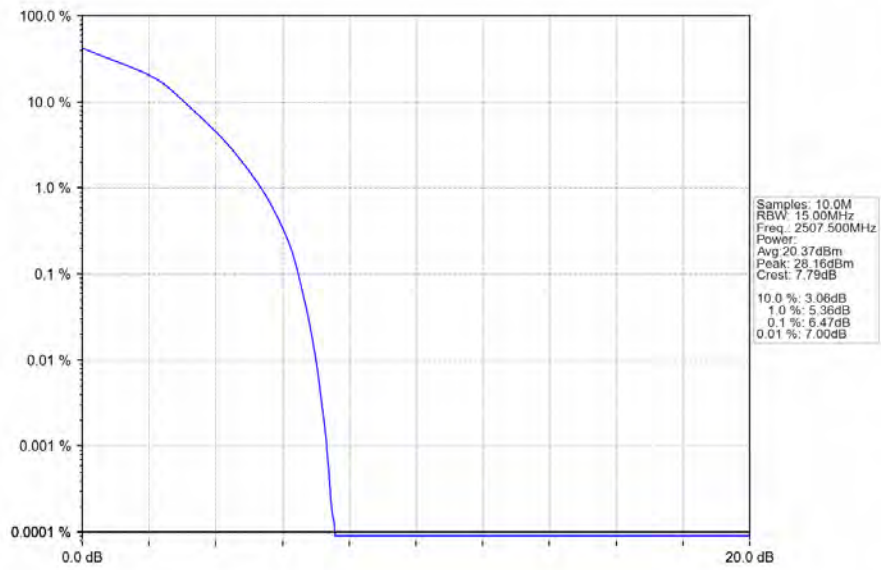
4.3.2 Test Graph



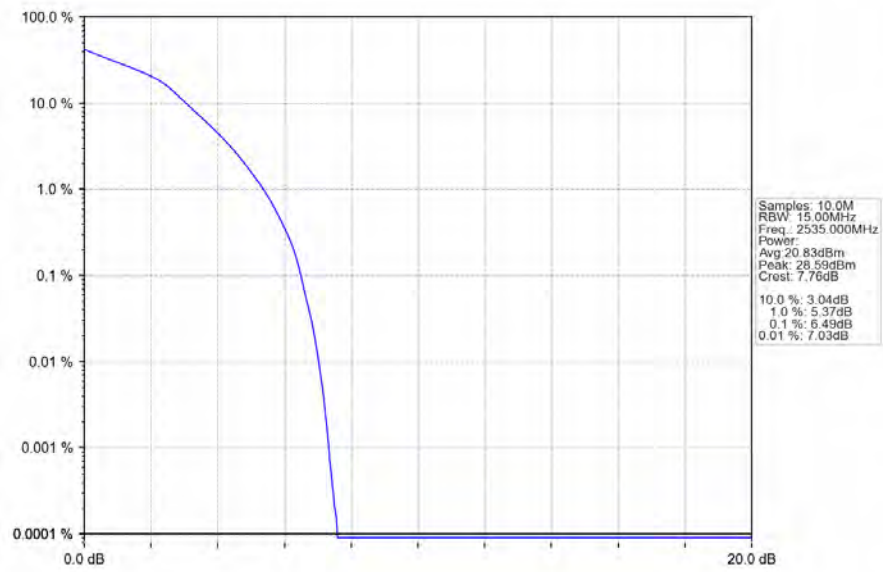
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



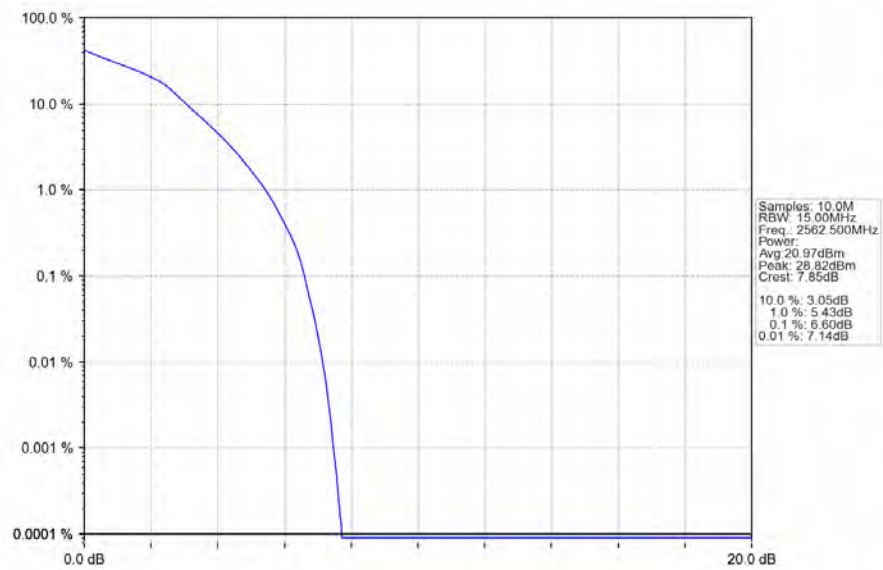
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



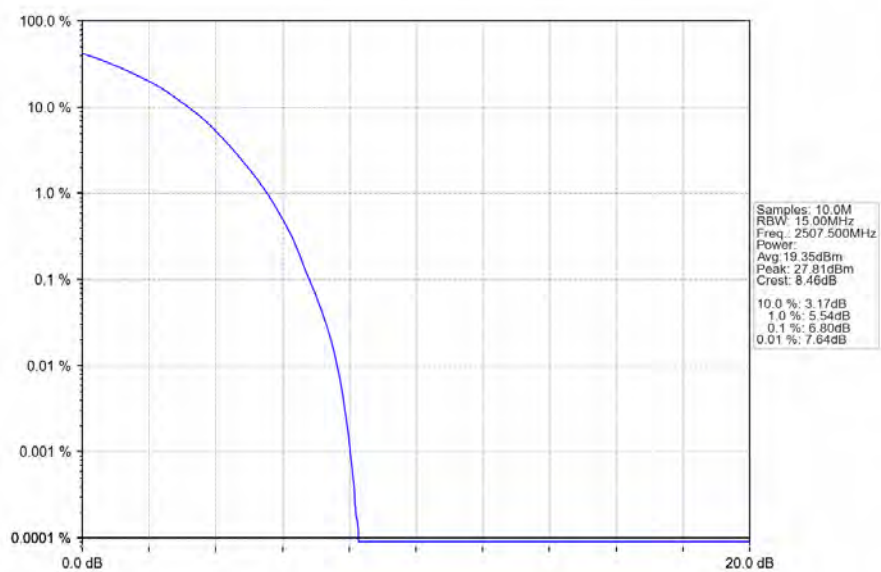
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



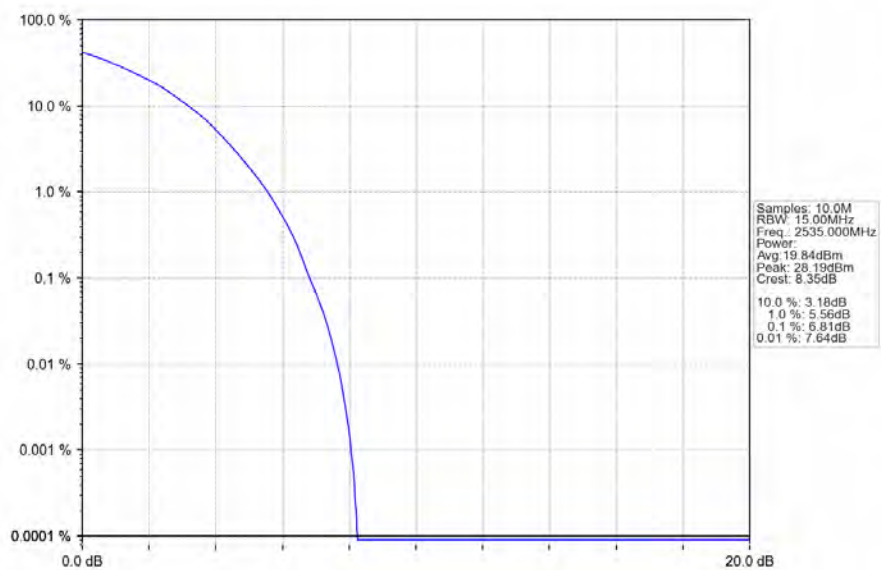
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



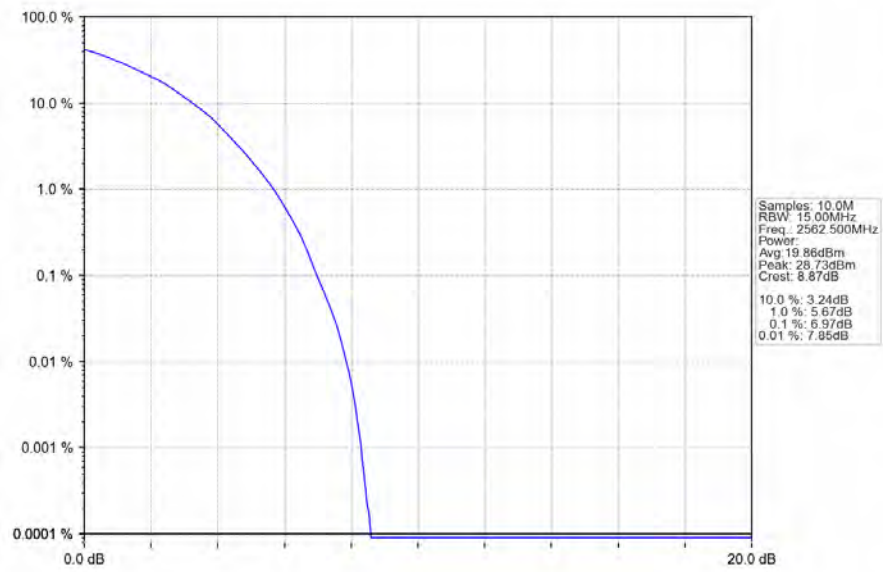
Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV



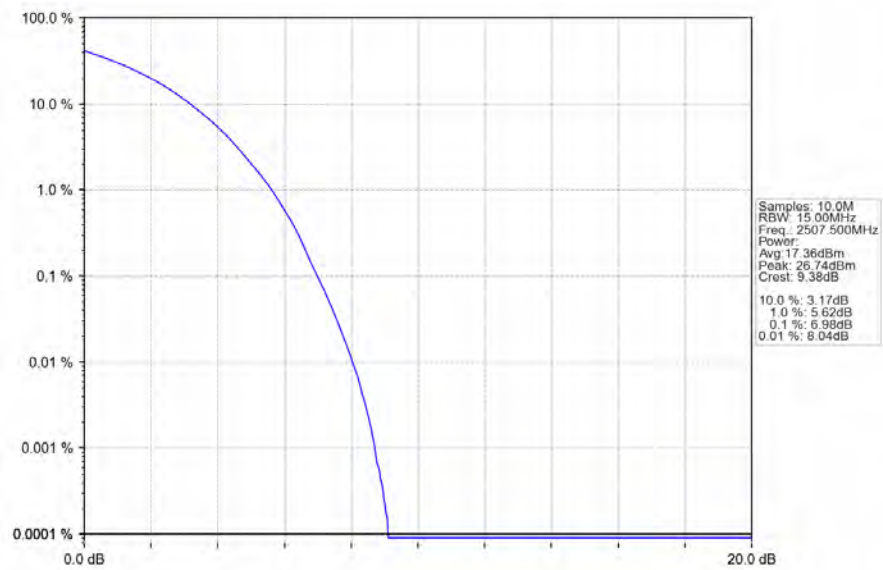
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



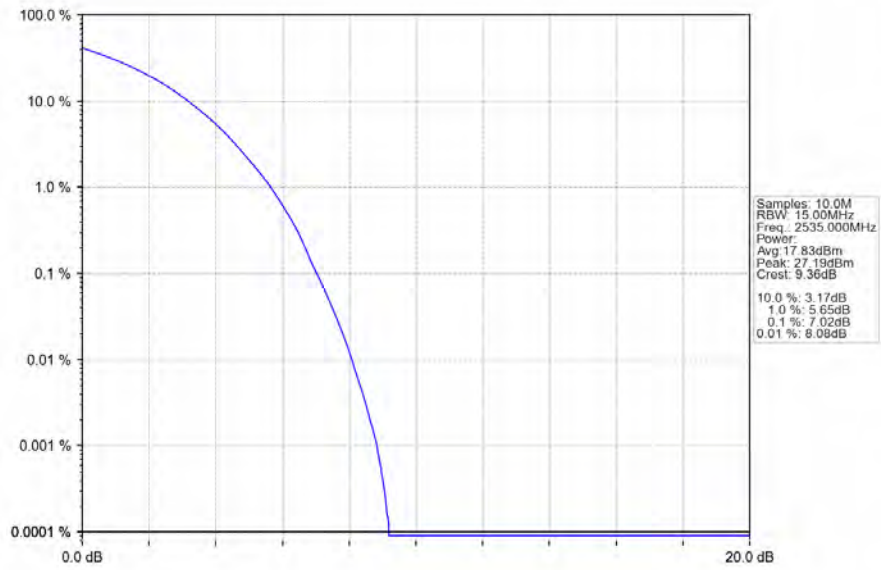
Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV



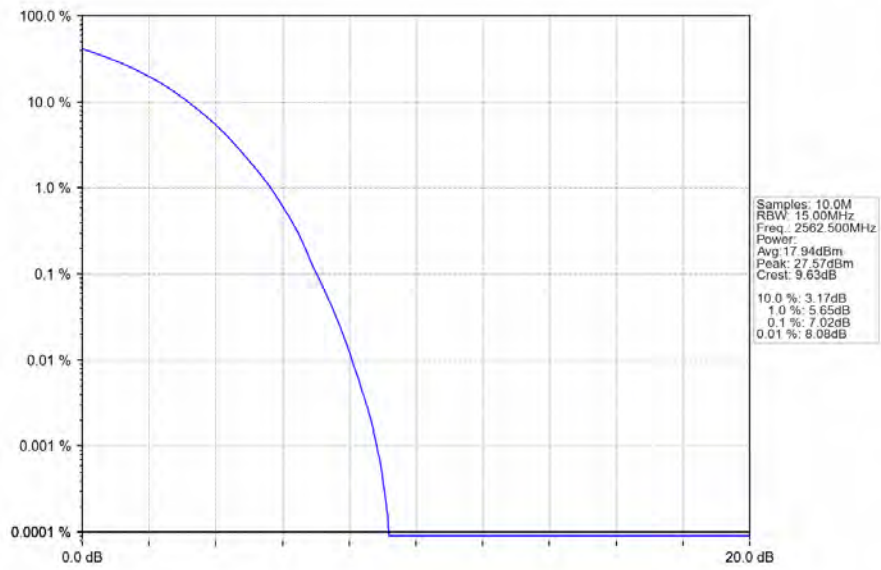
Band7_15MHz_256QAM_LCH_2507.5MHz_RB_75_0_NTNV



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



Band7 15MHz 256QAM HCH 2562.5MHz RB 75 0 NTNV

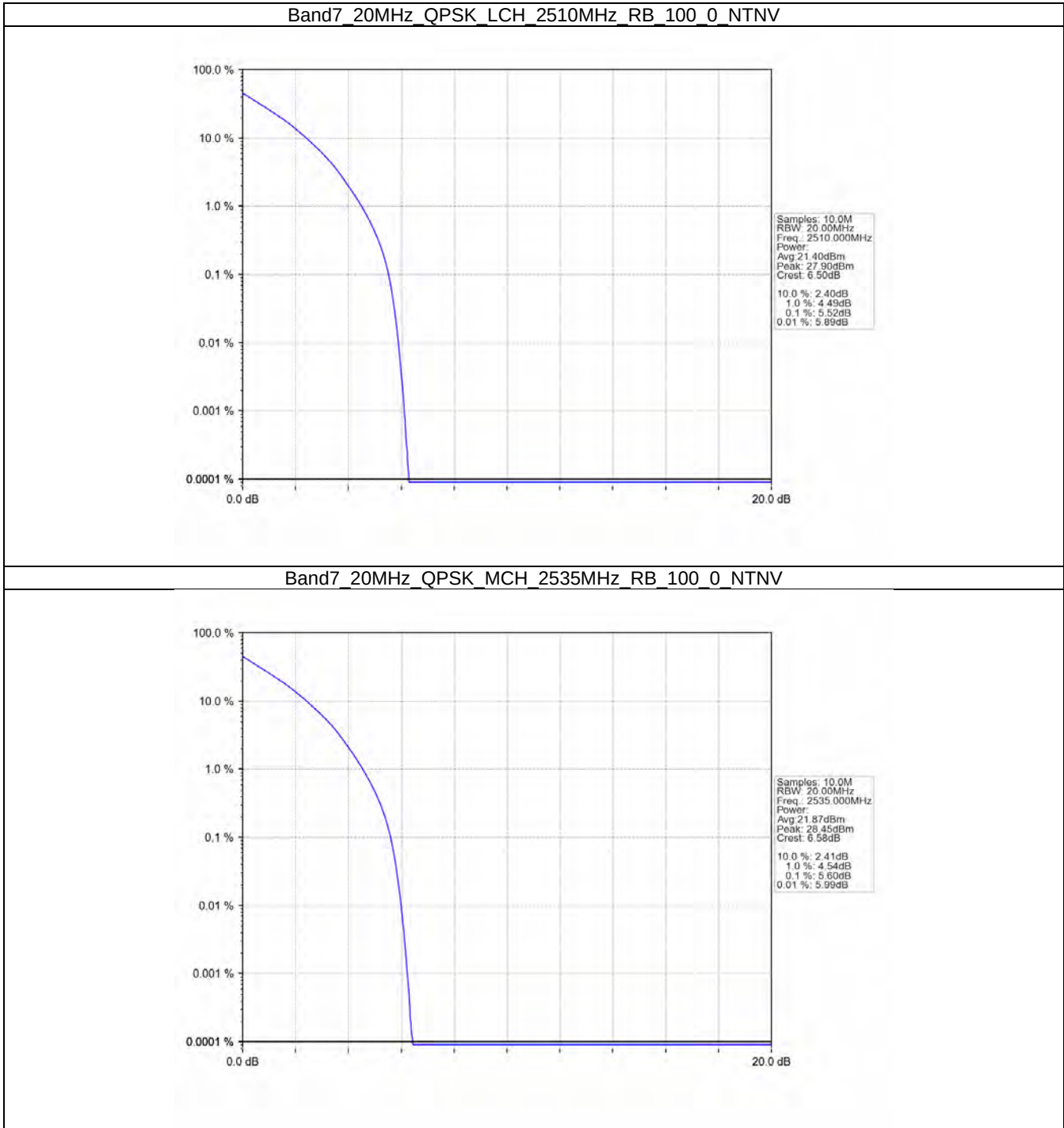


4.4 B7_20MHz

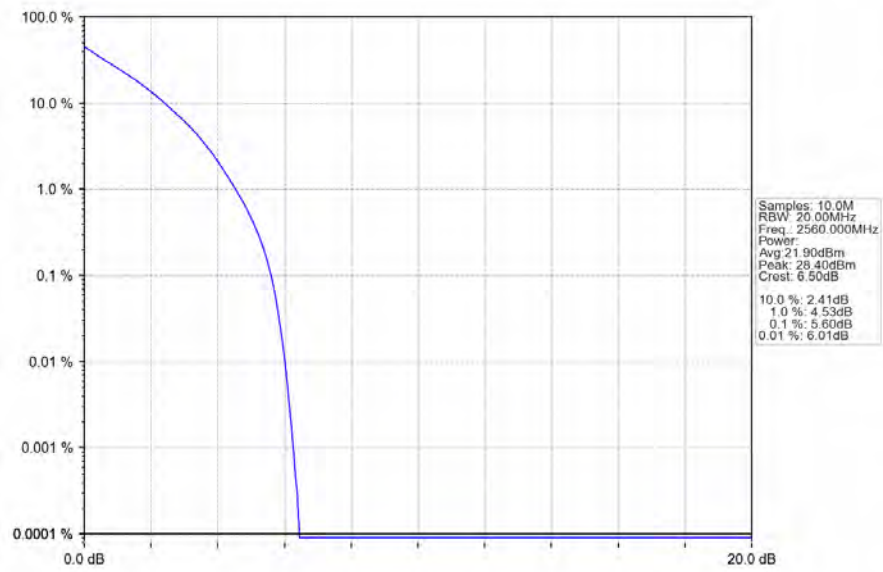
4.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.52	<=13	Pass
	2535	100	0	5.60	<=13	Pass
	2560	100	0	5.60	<=13	Pass
16QAM	2510	100	0	6.44	<=13	Pass
	2535	100	0	6.47	<=13	Pass
	2560	100	0	6.44	<=13	Pass
64QAM	2510	100	0	6.79	<=13	Pass
	2535	100	0	6.81	<=13	Pass
	2560	100	0	6.88	<=13	Pass
256QAM	2510	100	0	6.97	<=13	Pass
	2535	100	0	7.02	<=13	Pass
	2560	100	0	7.02	<=13	Pass

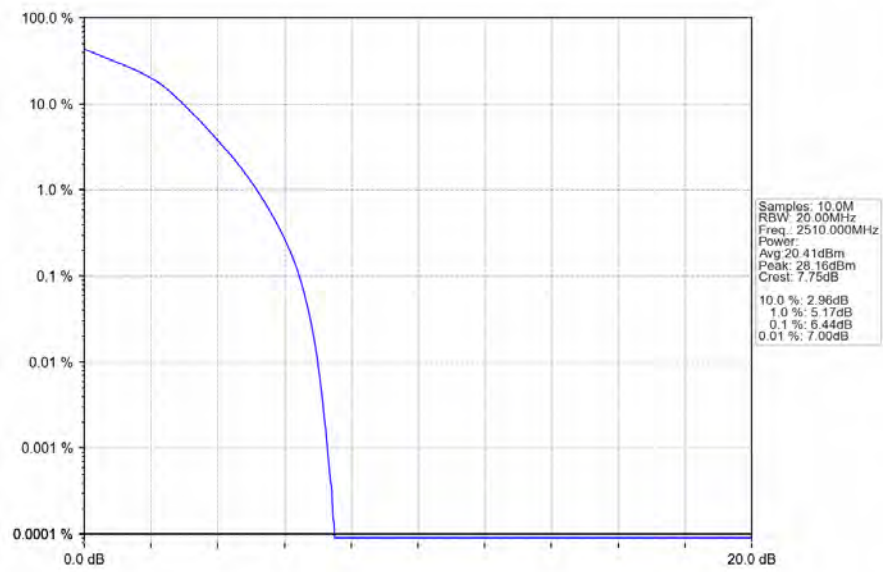
4.4.2 Test Graph



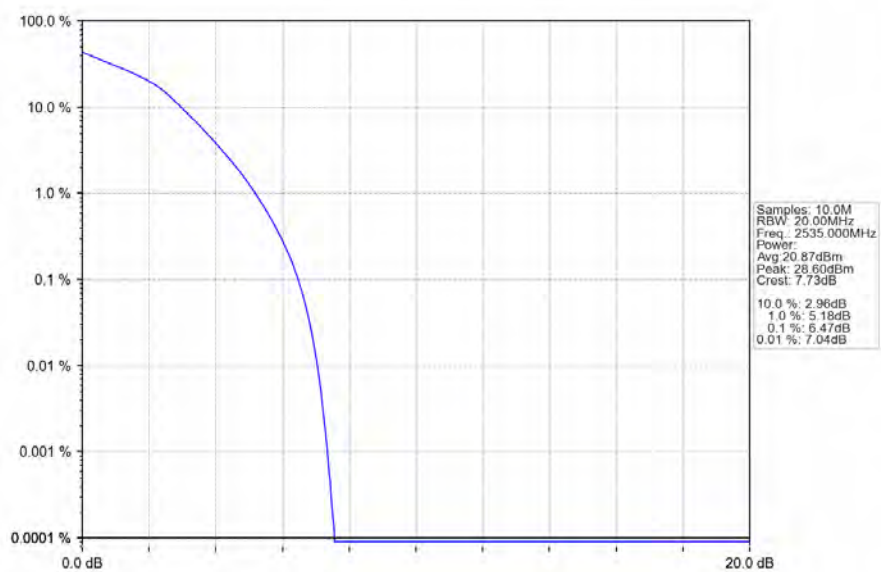
Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTNV



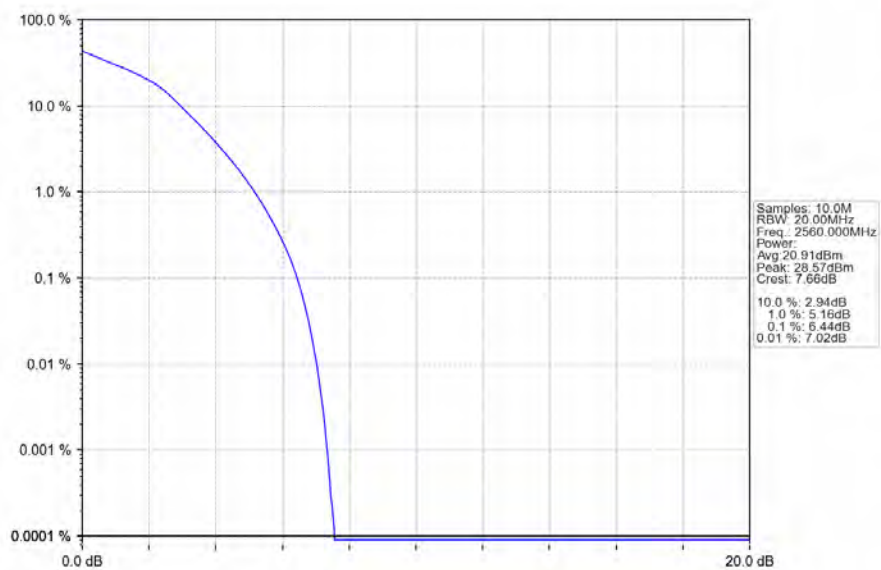
Band7 20MHz 16QAM LCH 2510MHz RB 100 0 NTNV



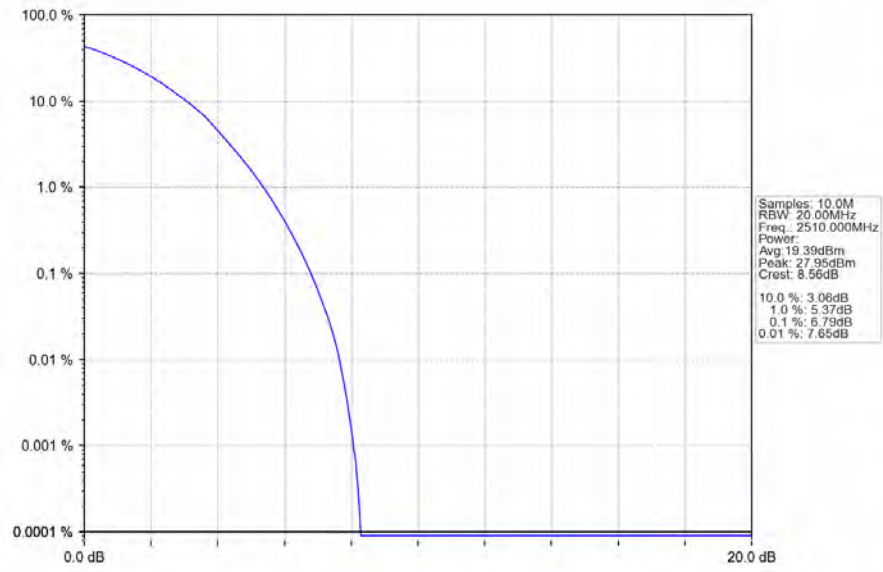
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTN



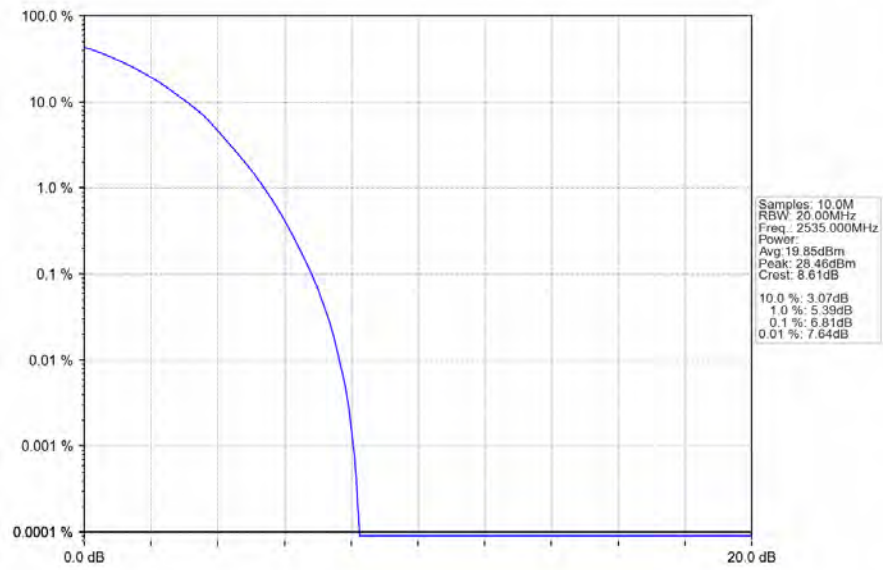
Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTN



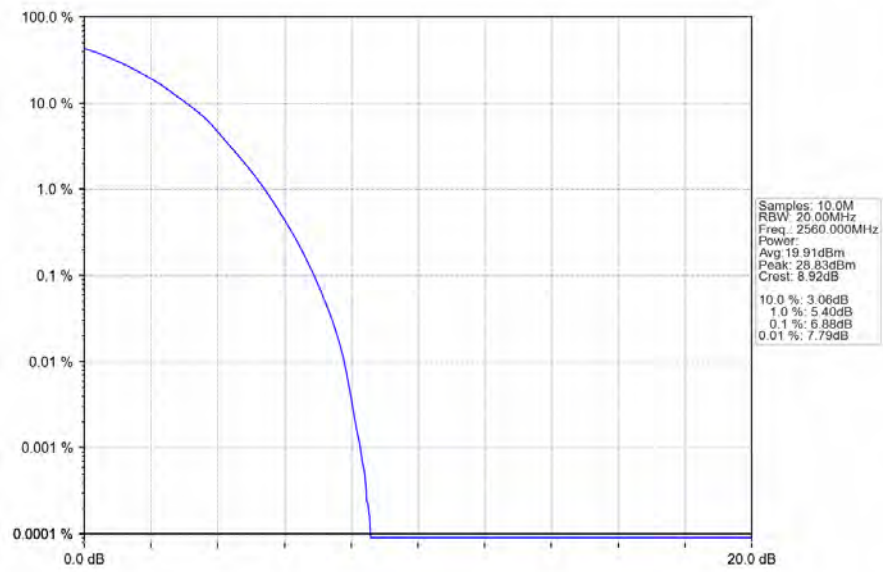
Band7 20MHz 64QAM LCH 2510MHz RB 100 0 NTNV



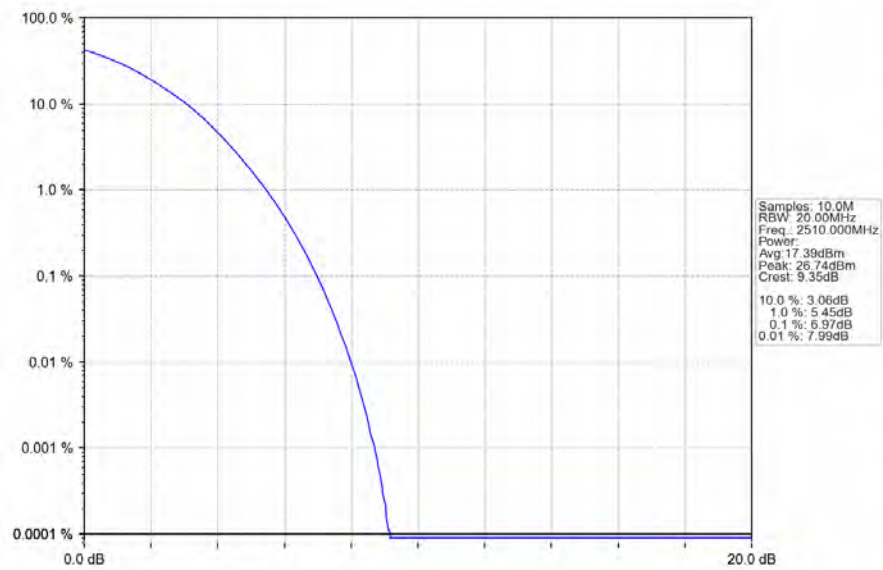
Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



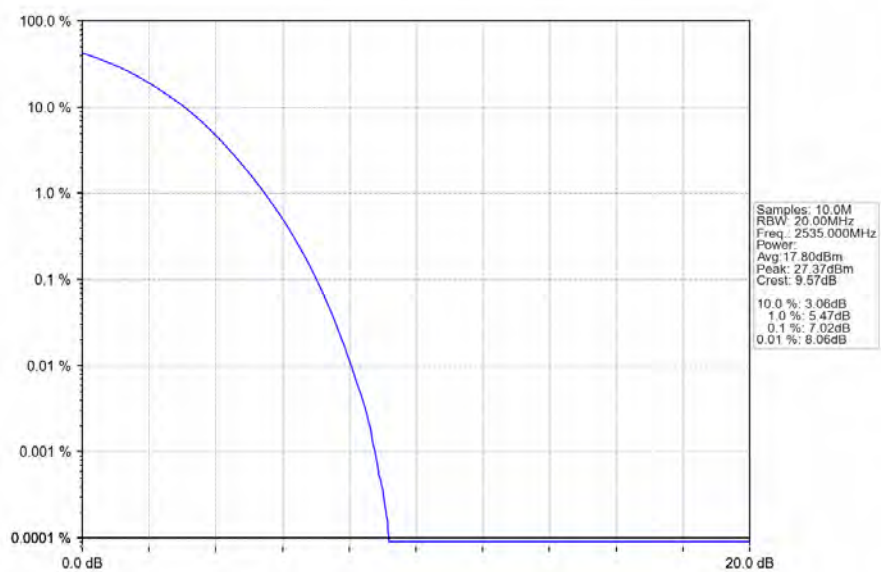
Band7 20MHz 64QAM HCH 2560MHz RB 100 0 NTNV



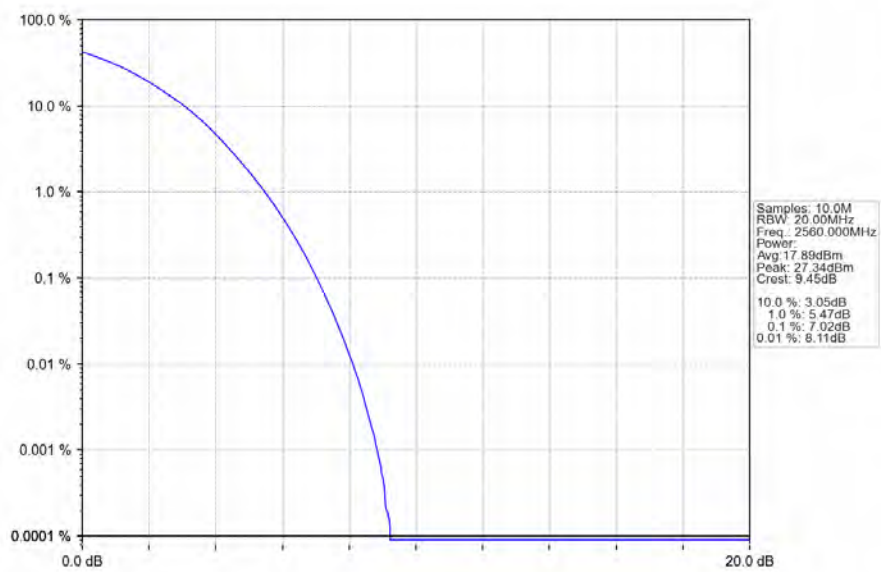
Band7 20MHz 256QAM LCH 2510MHz RB 100 0 NTNV



Band7_20MHz_256QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_256QAM_HCH_2560MHz_RB_100_0_NTNV



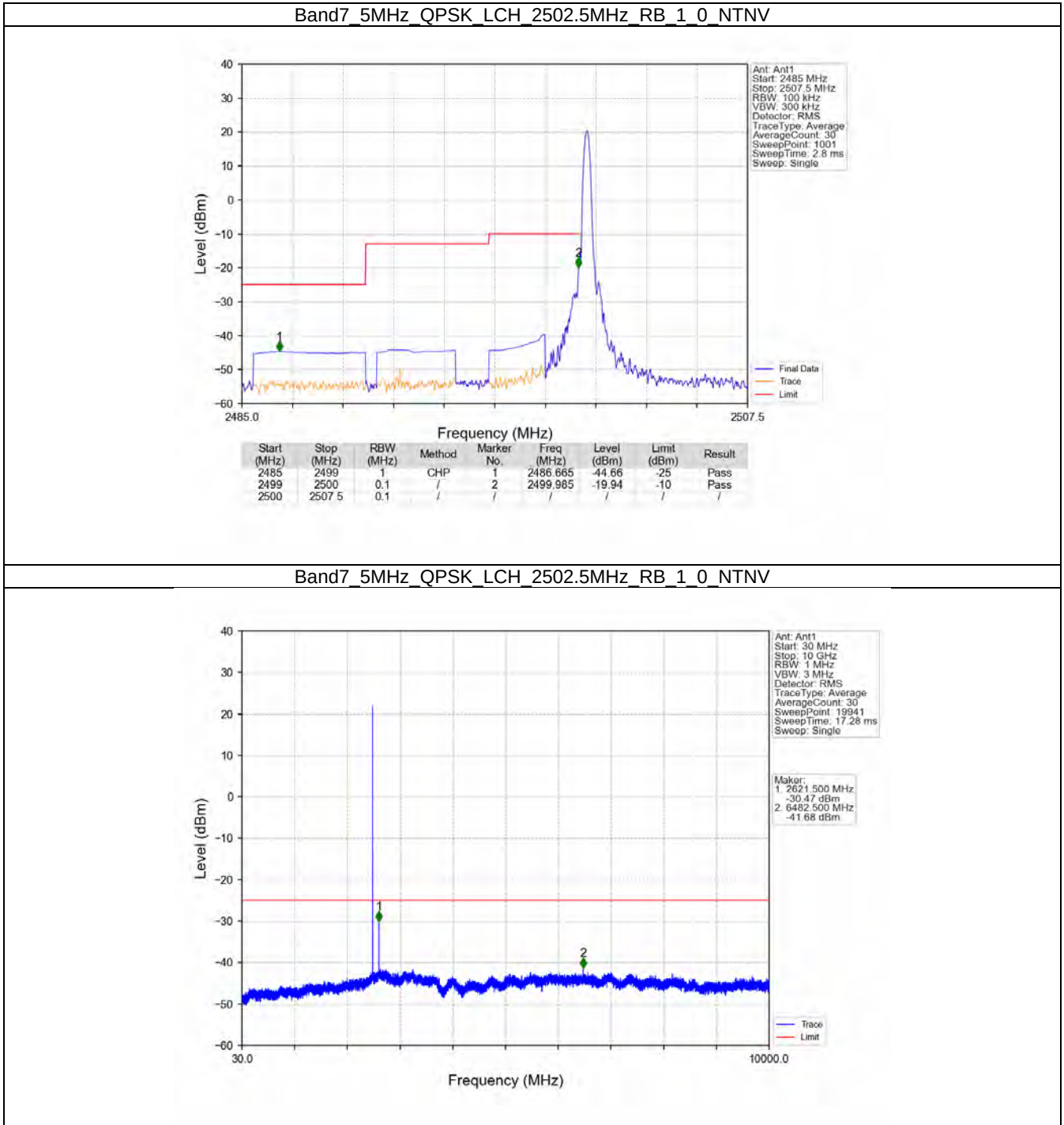
5. Spurious Emission

5.1 B7_5MHz

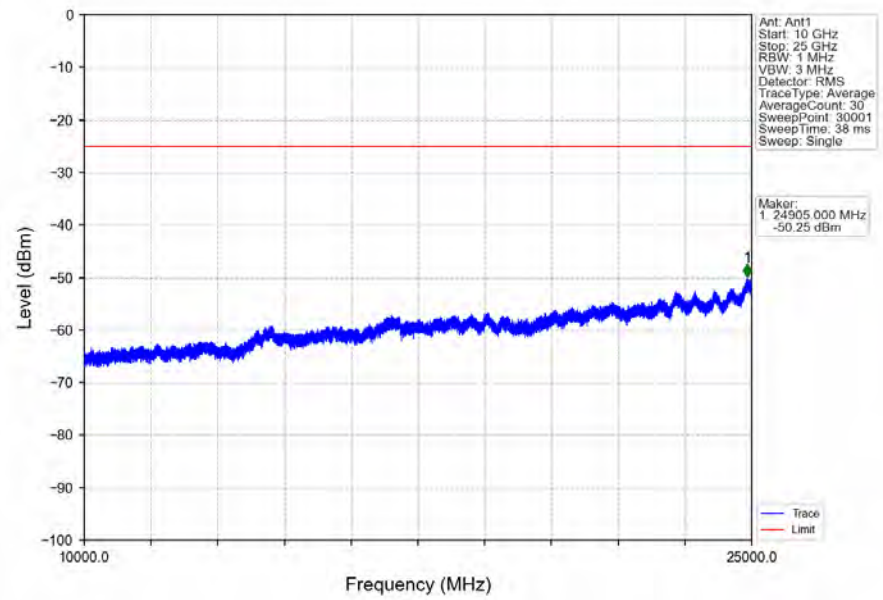
5.1.1 Test Result

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

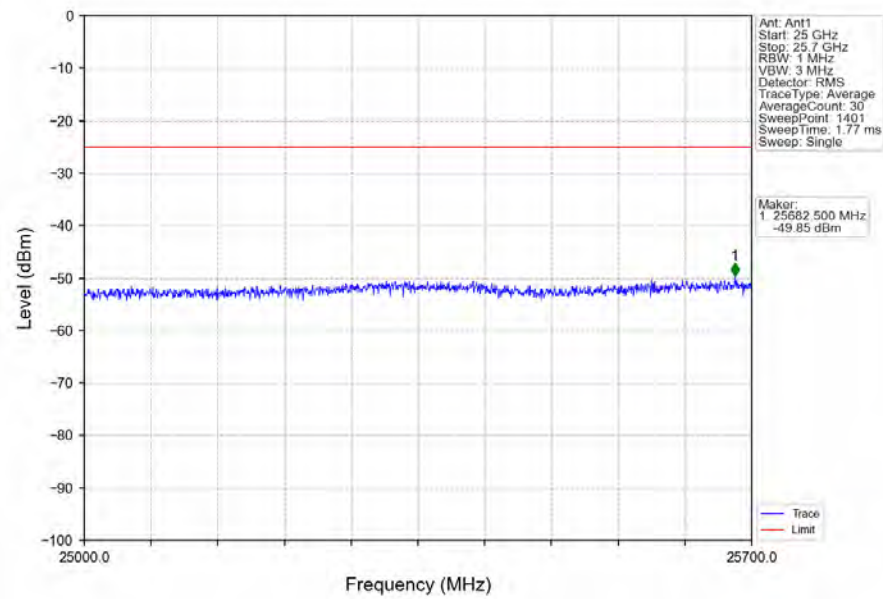
5.1.2 Test Graph



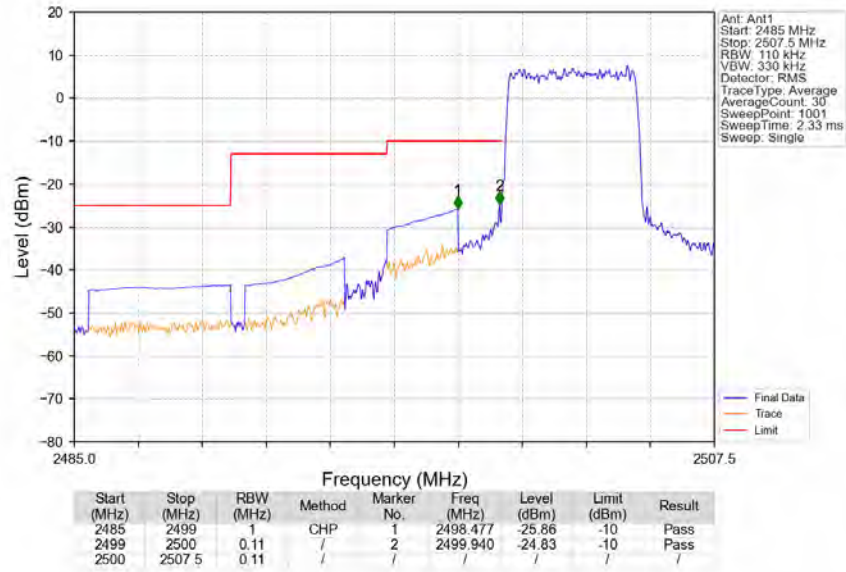
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTNV



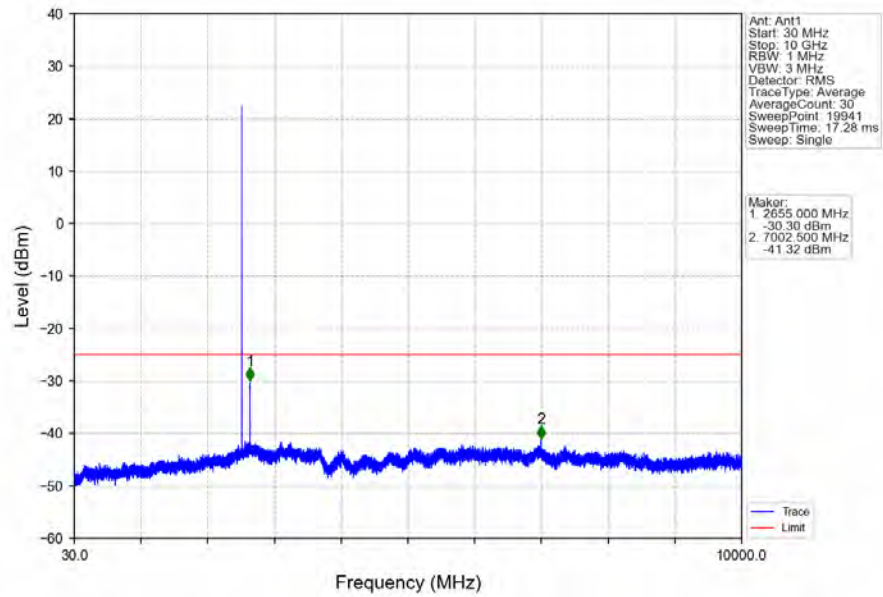
Band7 5MHz QPSK LCH 2502.5MHz RB 1 0 NTNV



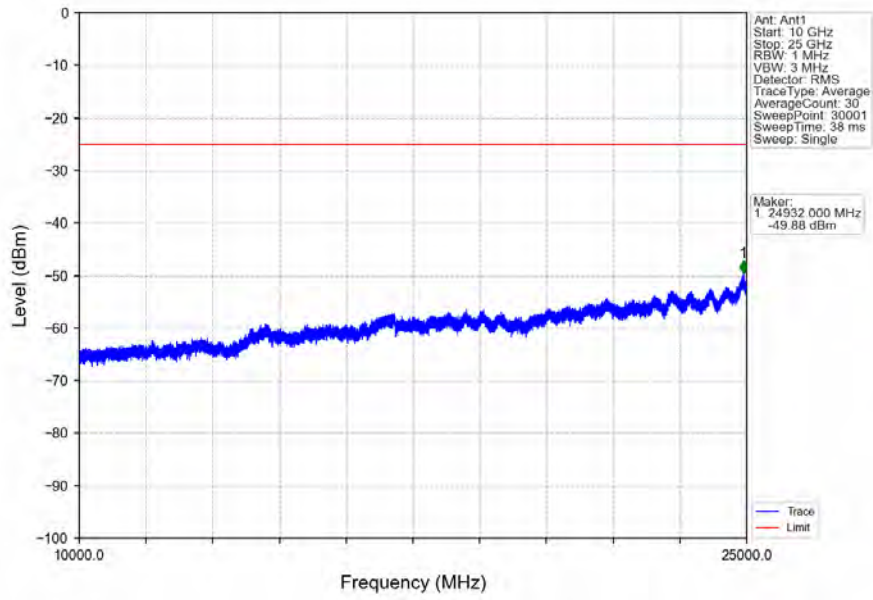
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



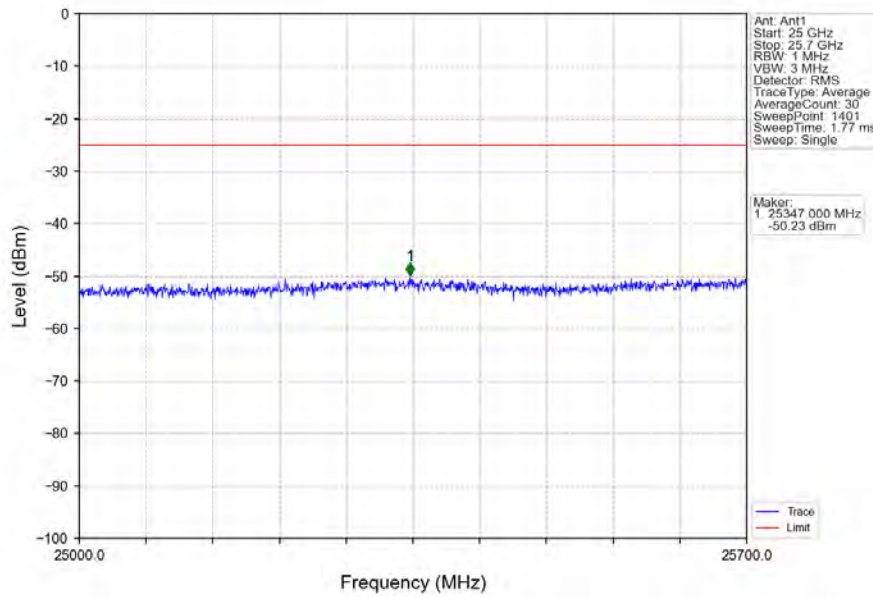
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



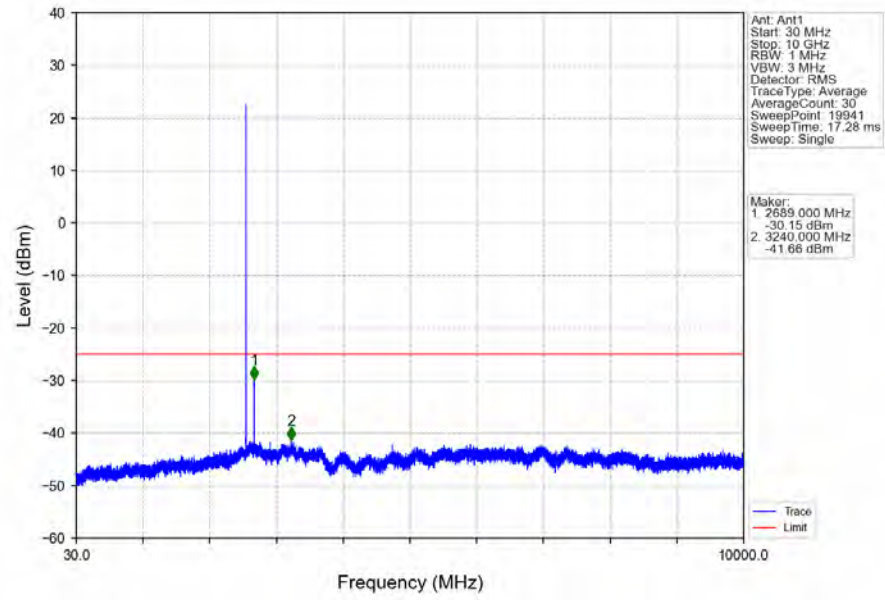
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



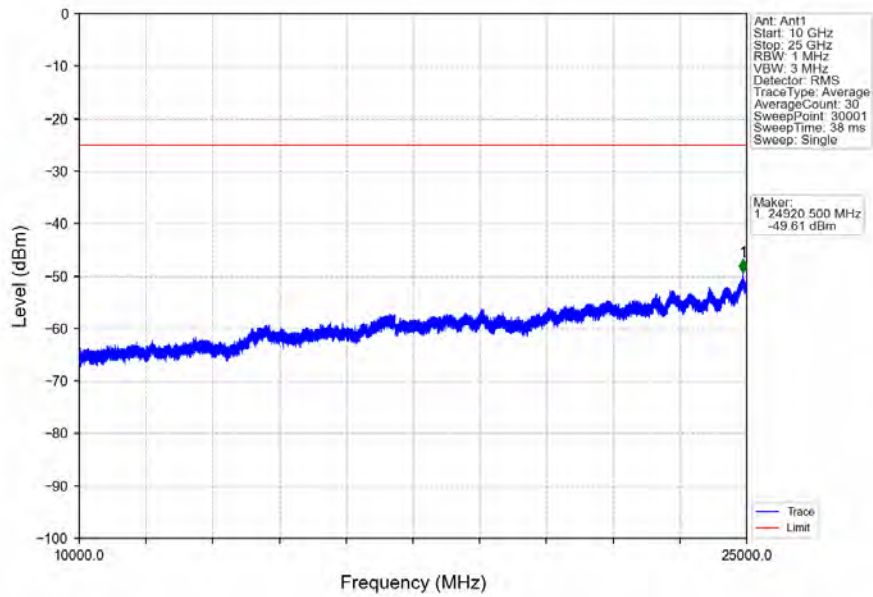
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



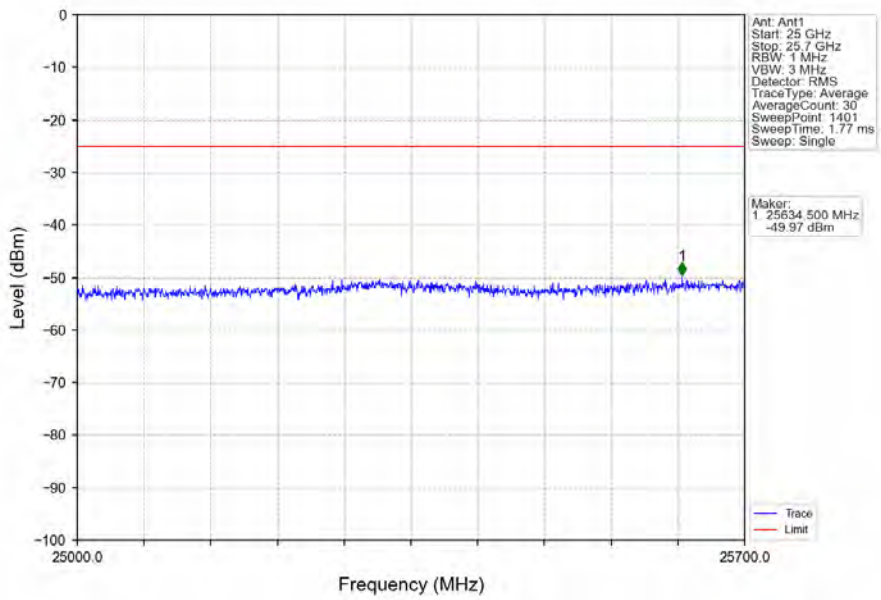
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



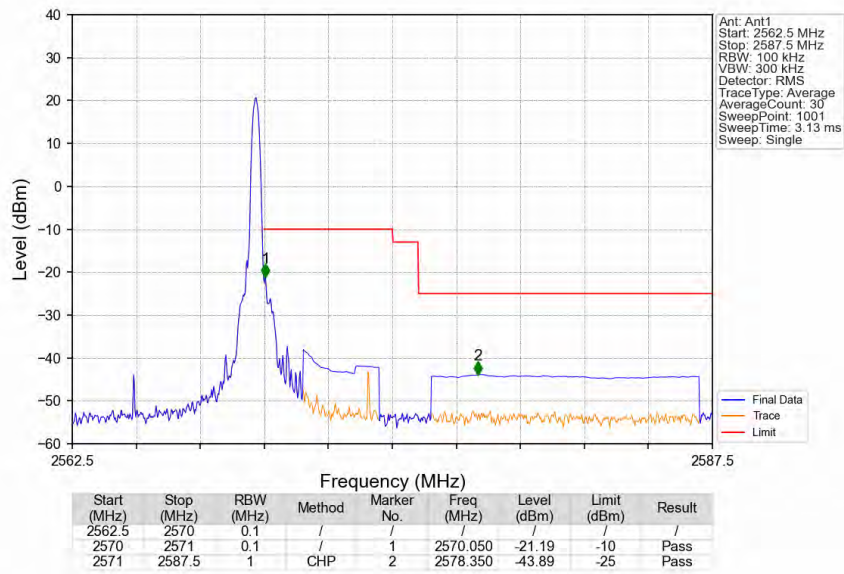
Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



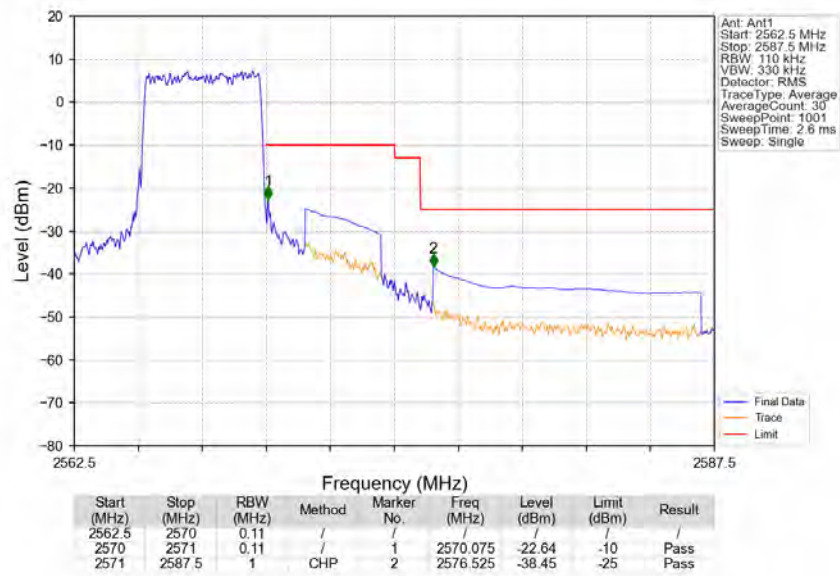
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



Band7 5MHz QPSK HCH 2567.5MHz RB 25.0 NTV

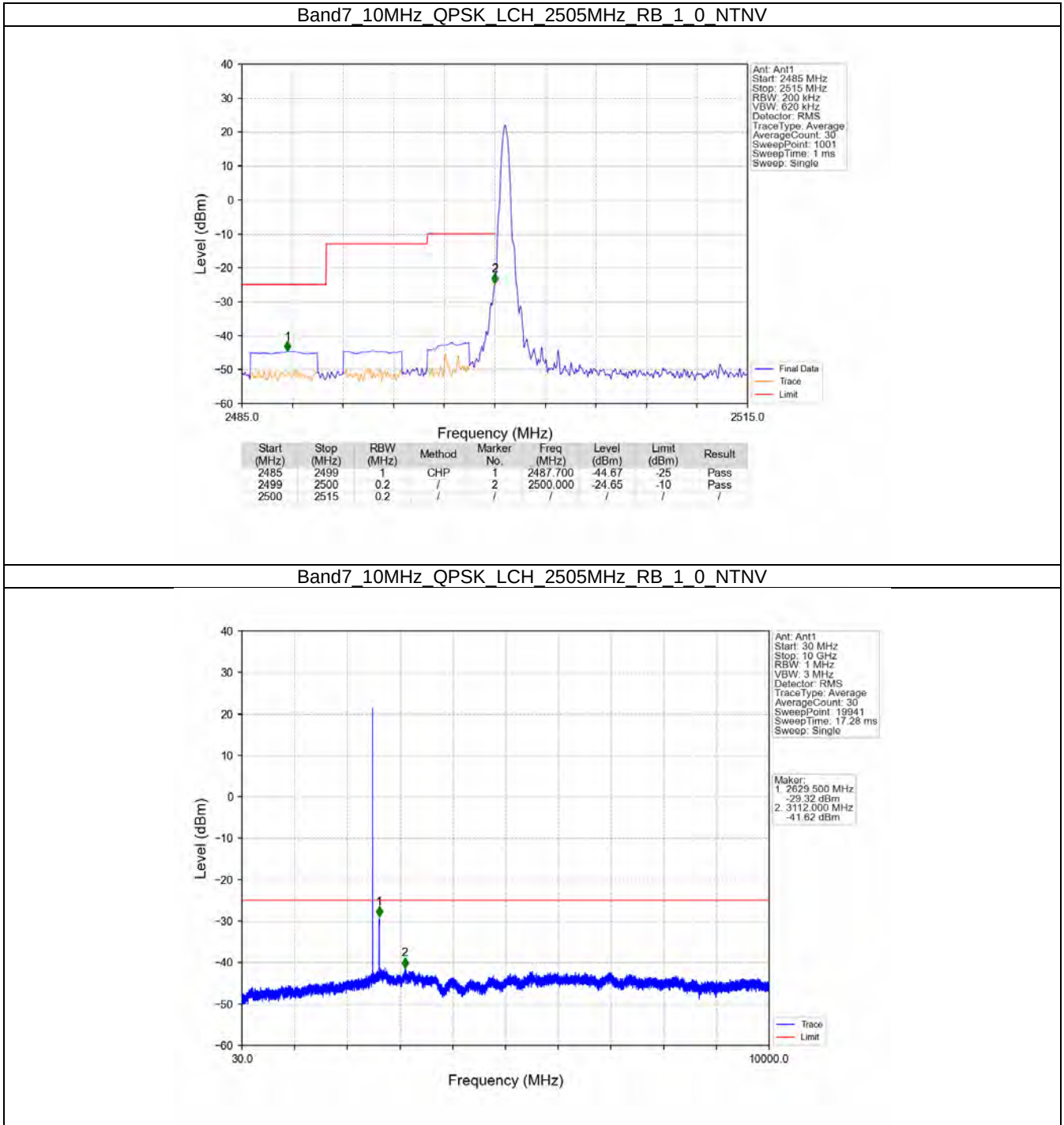


5.2 B7_10MHz

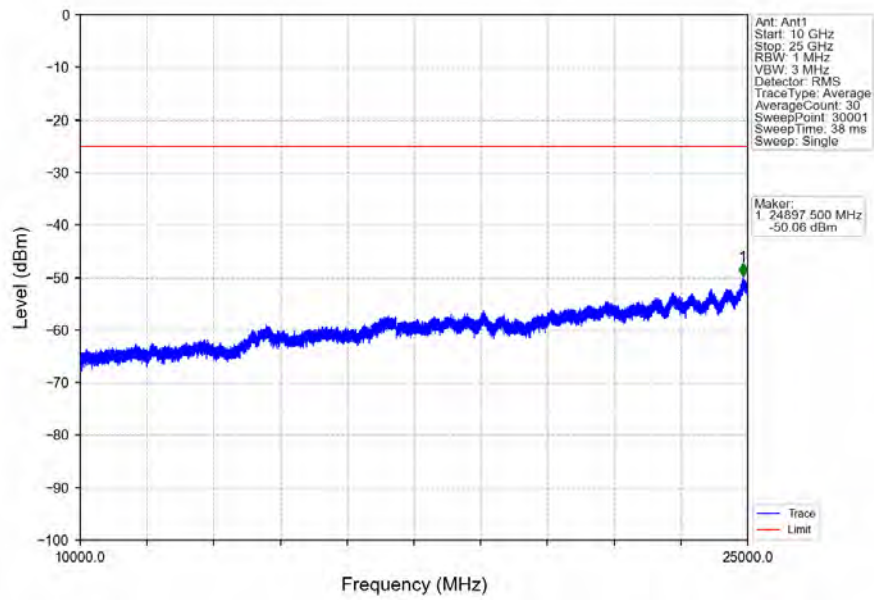
5.2.1 Test Result

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

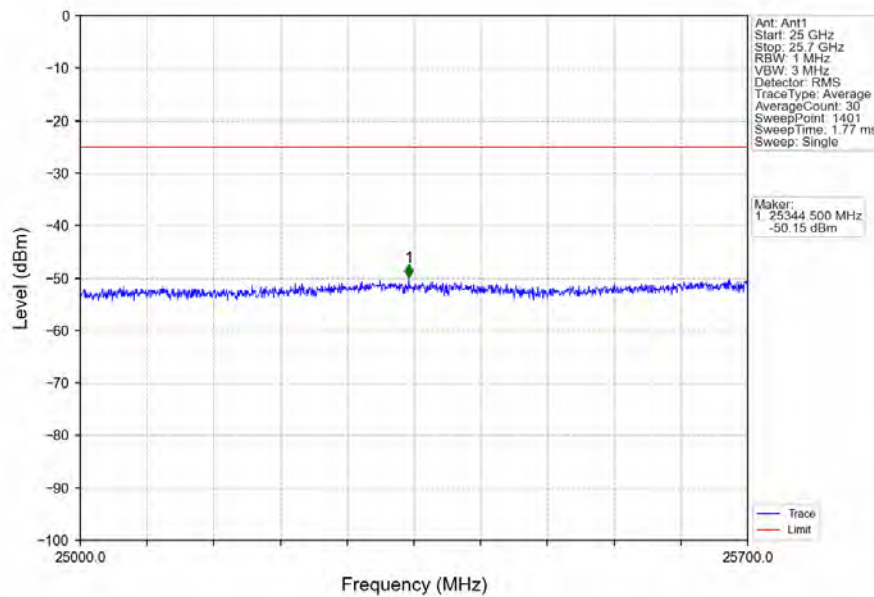
5.2.2 Test Graph



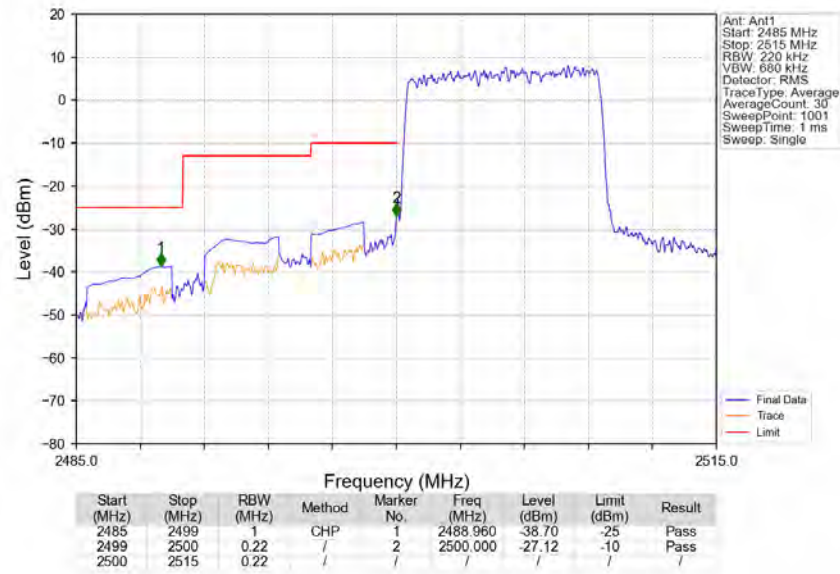
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



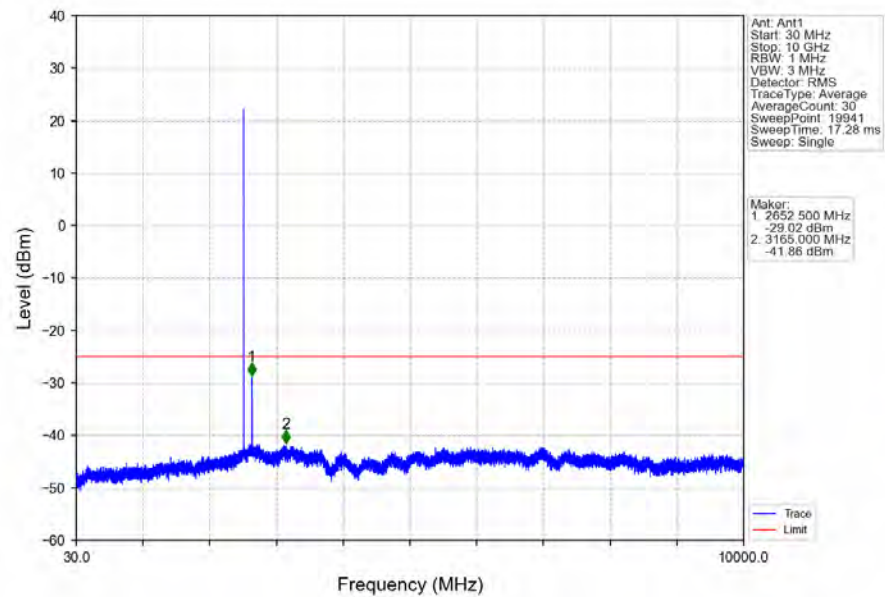
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



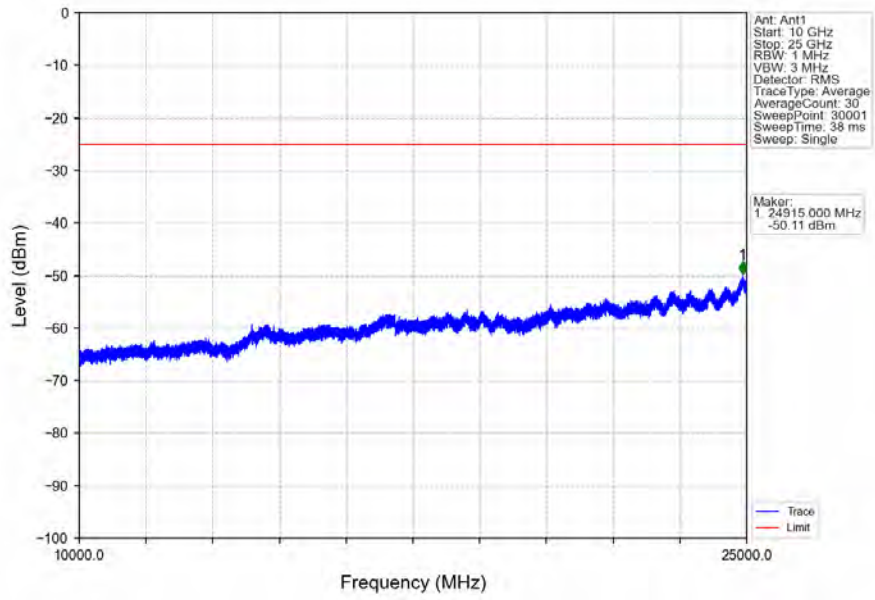
Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV



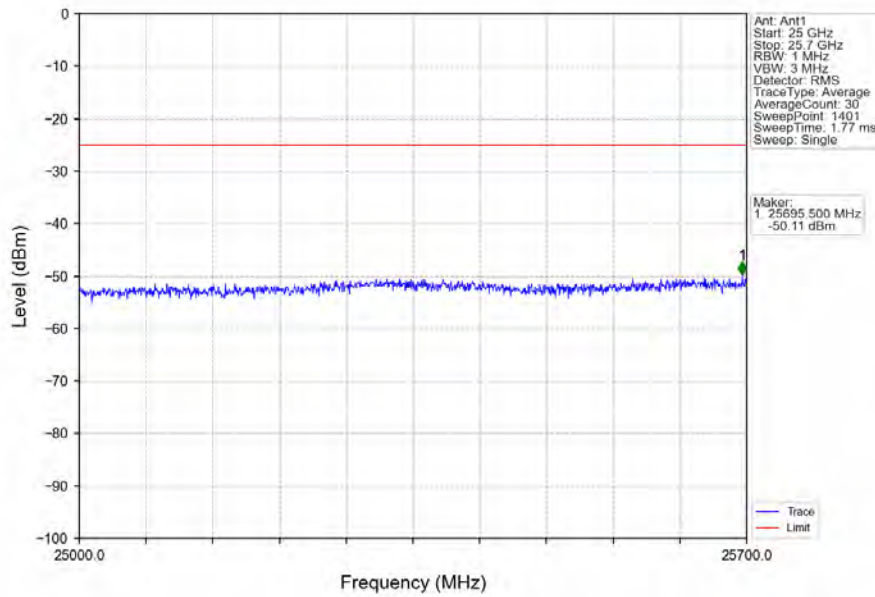
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



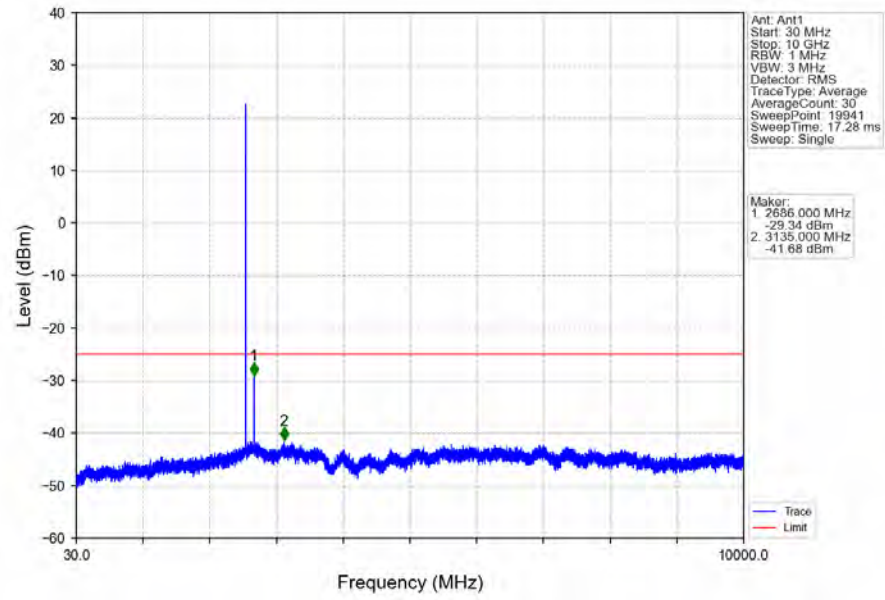
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



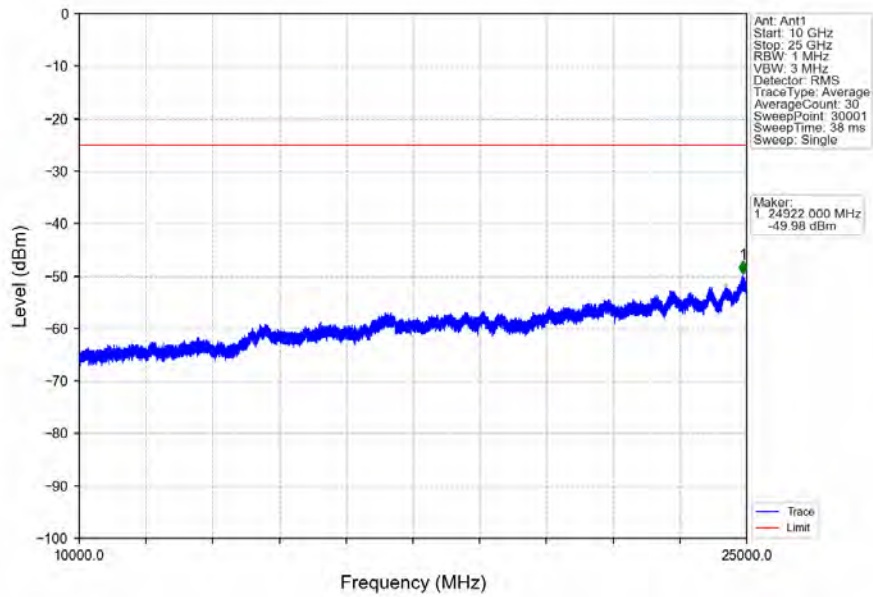
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



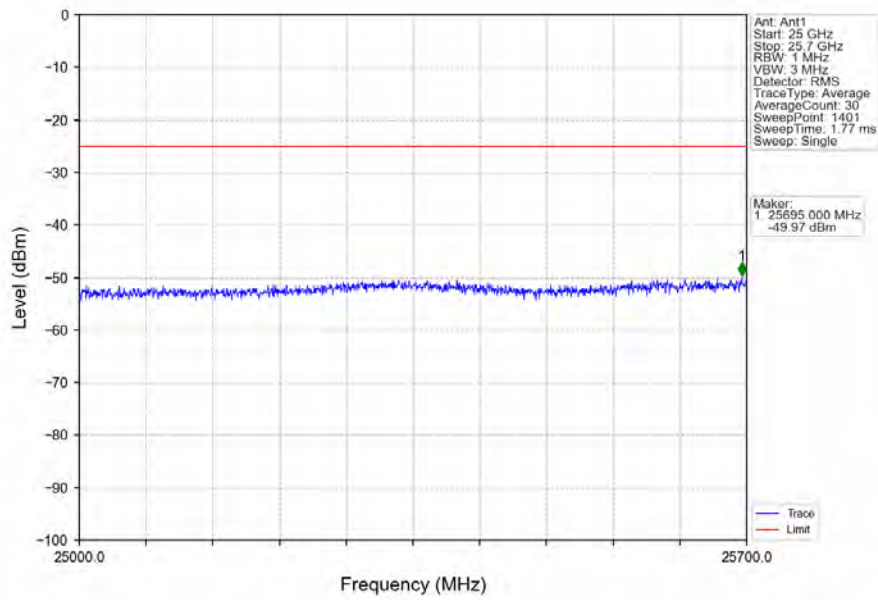
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



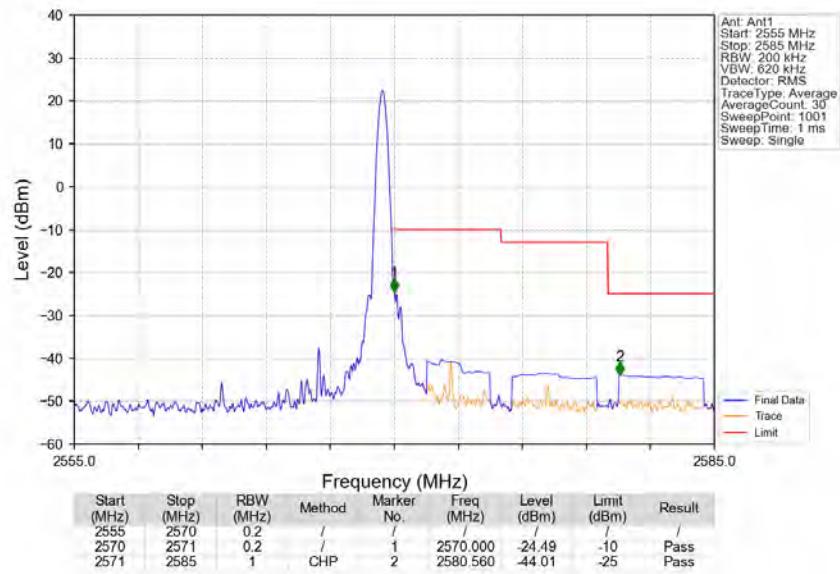
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



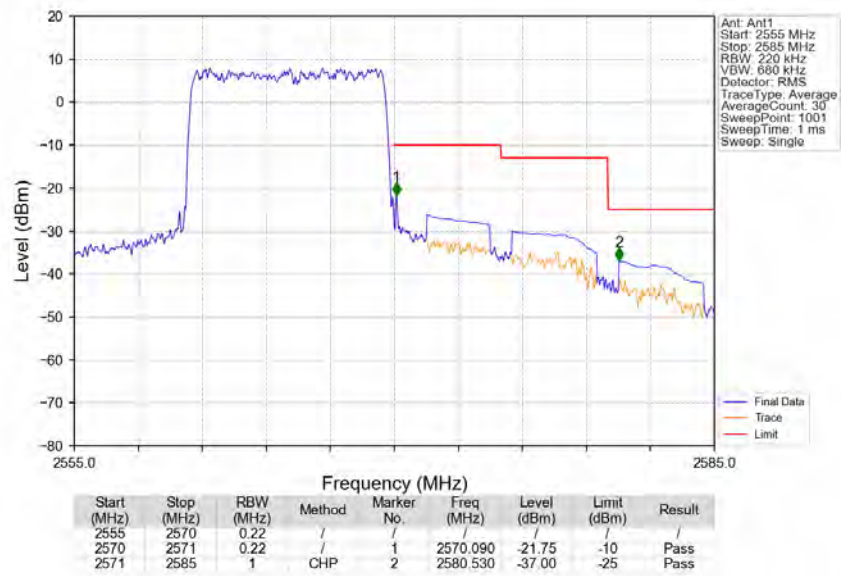
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTNV

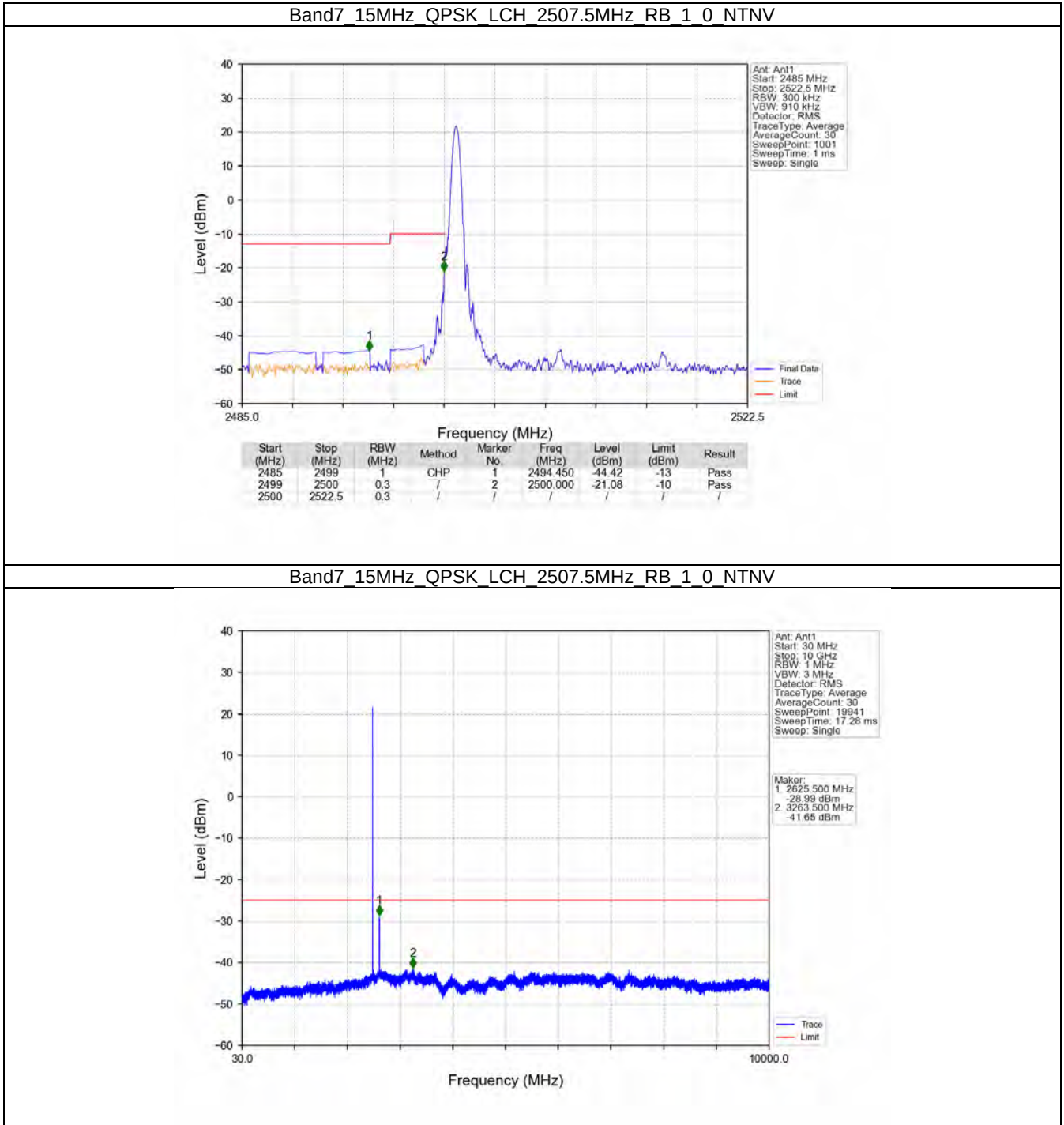


5.3 B7_15MHz

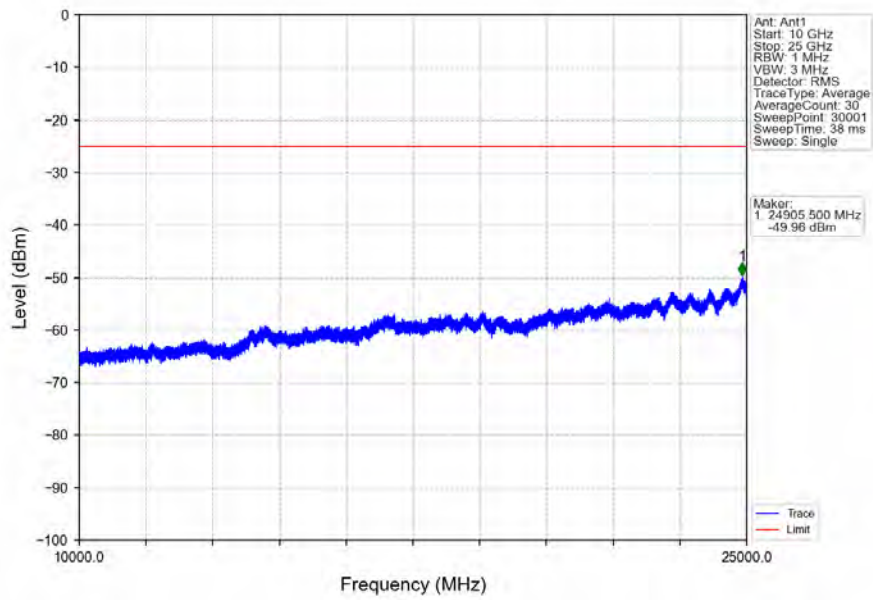
5.3.1 Test Result

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

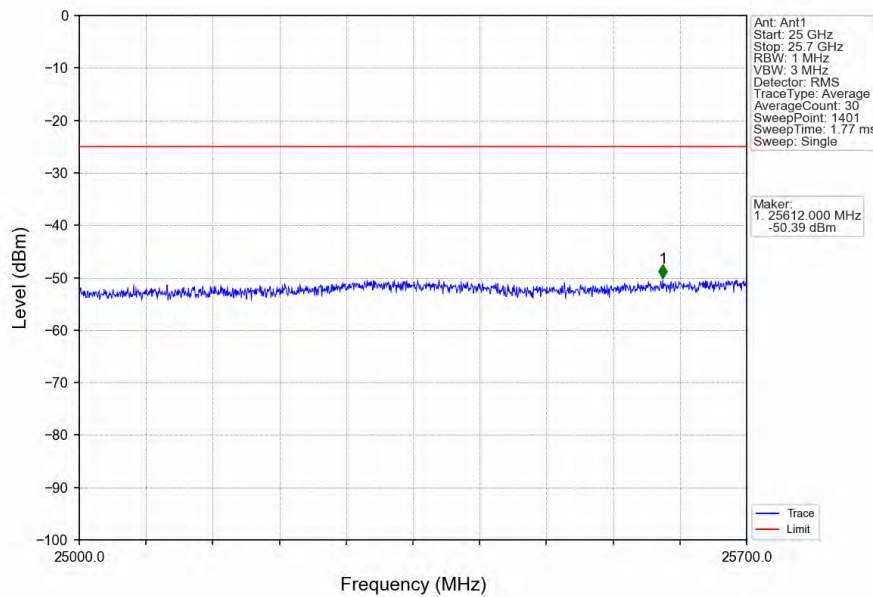
5.3.2 Test Graph



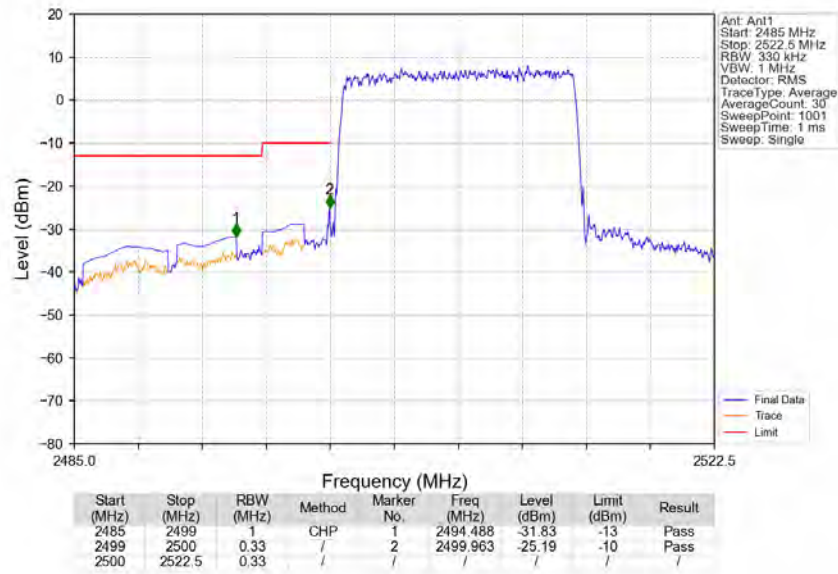
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



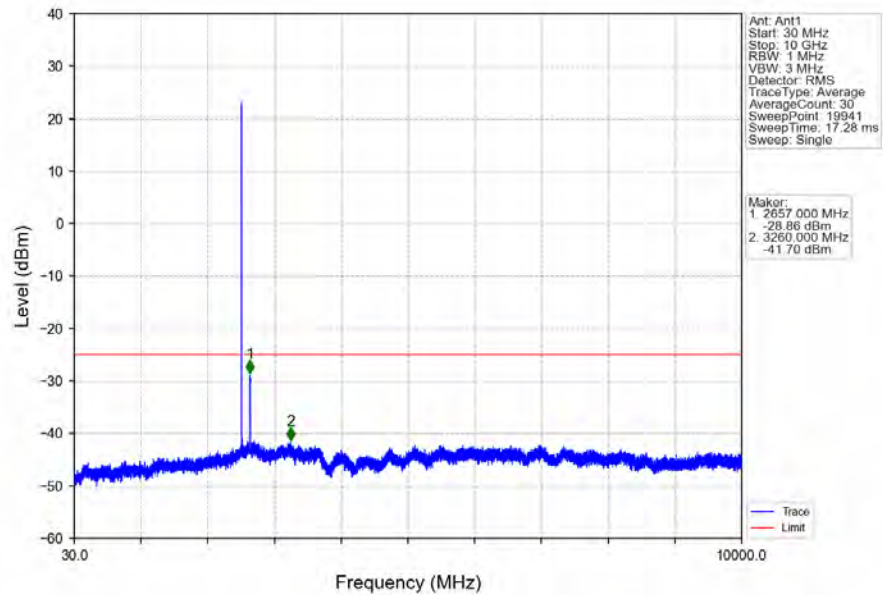
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



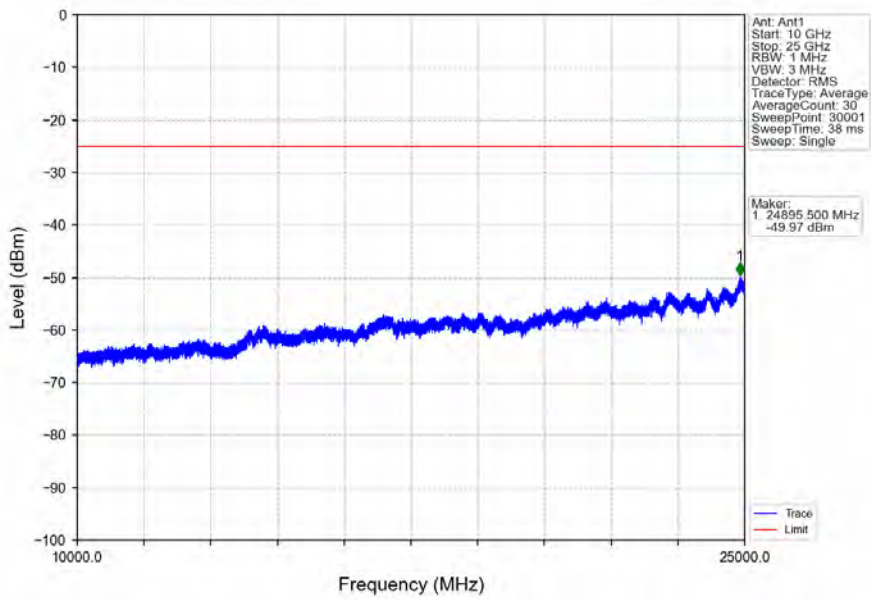
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



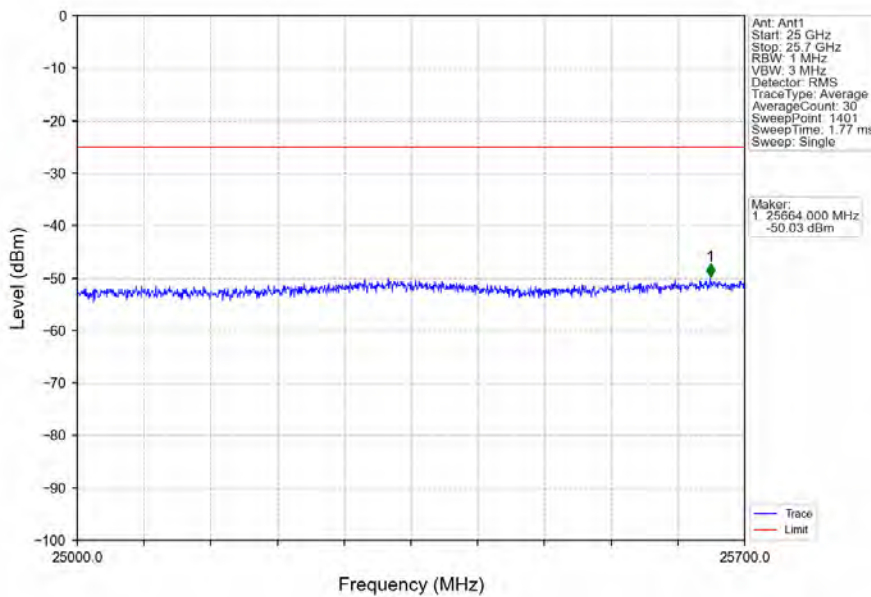
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



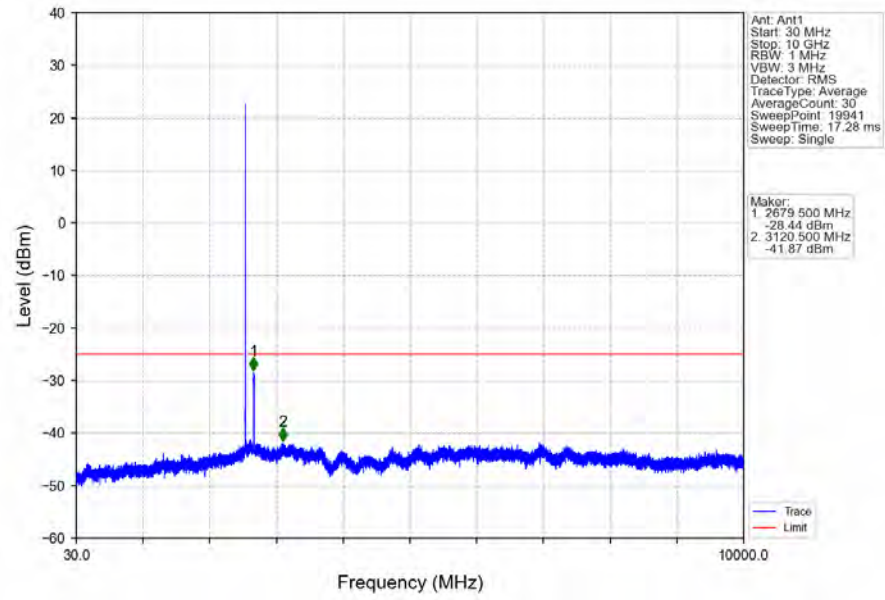
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



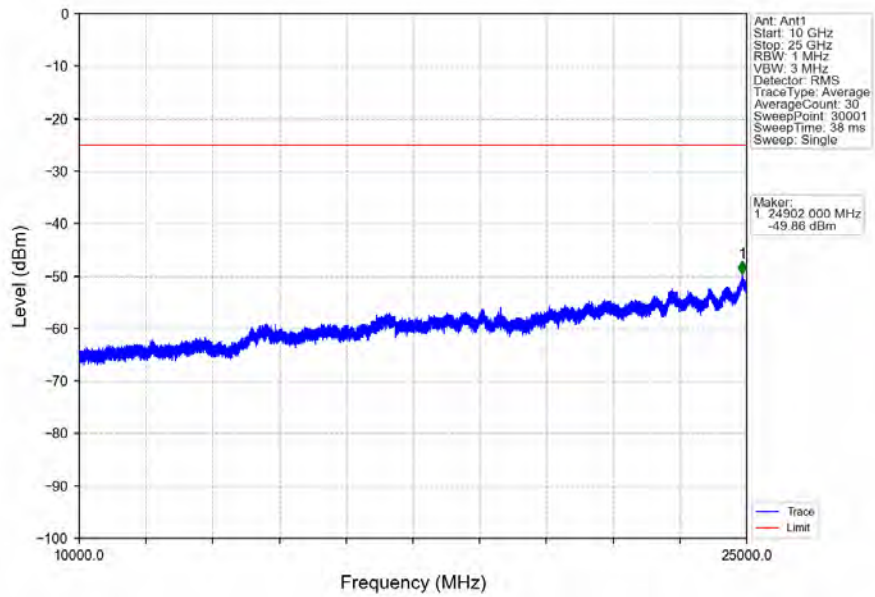
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



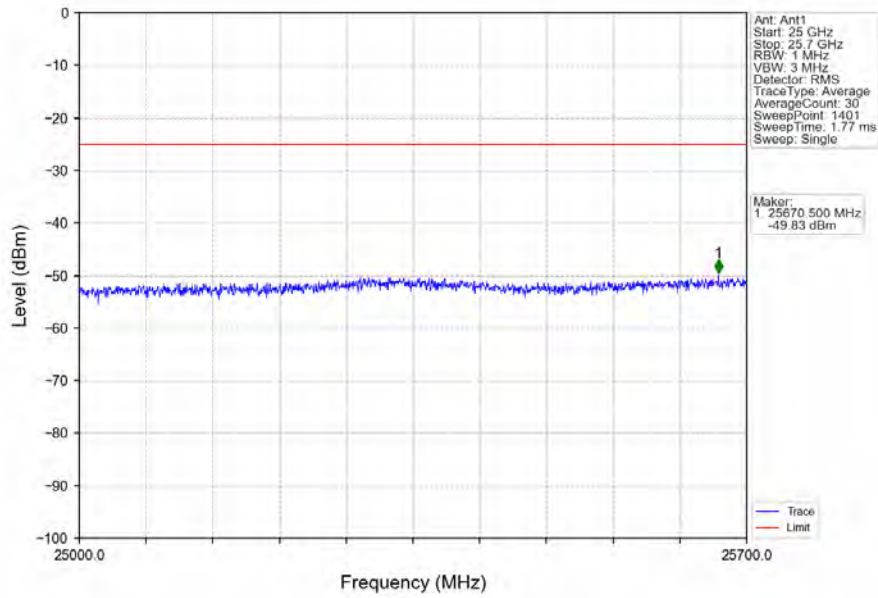
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



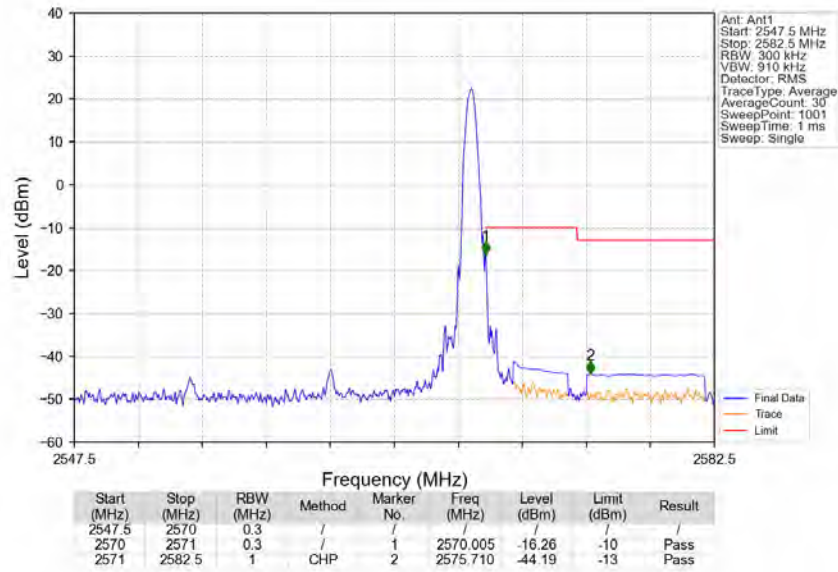
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



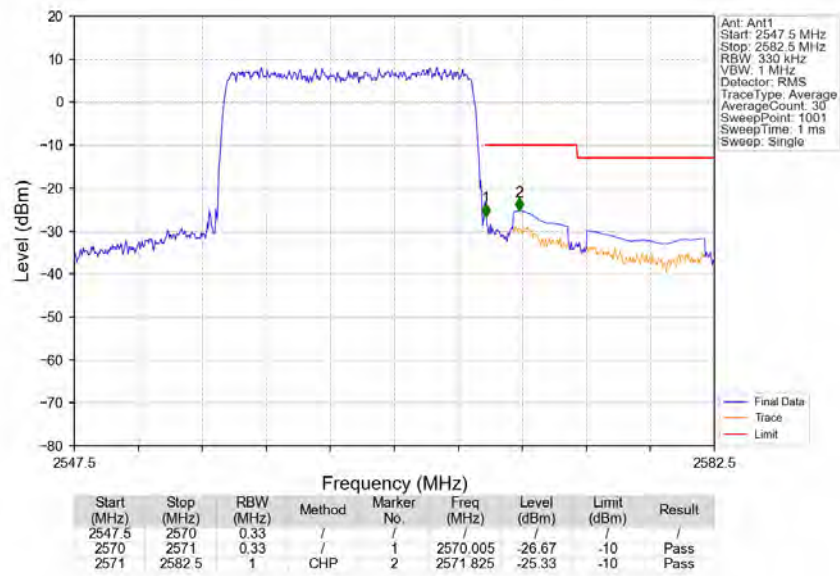
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTV

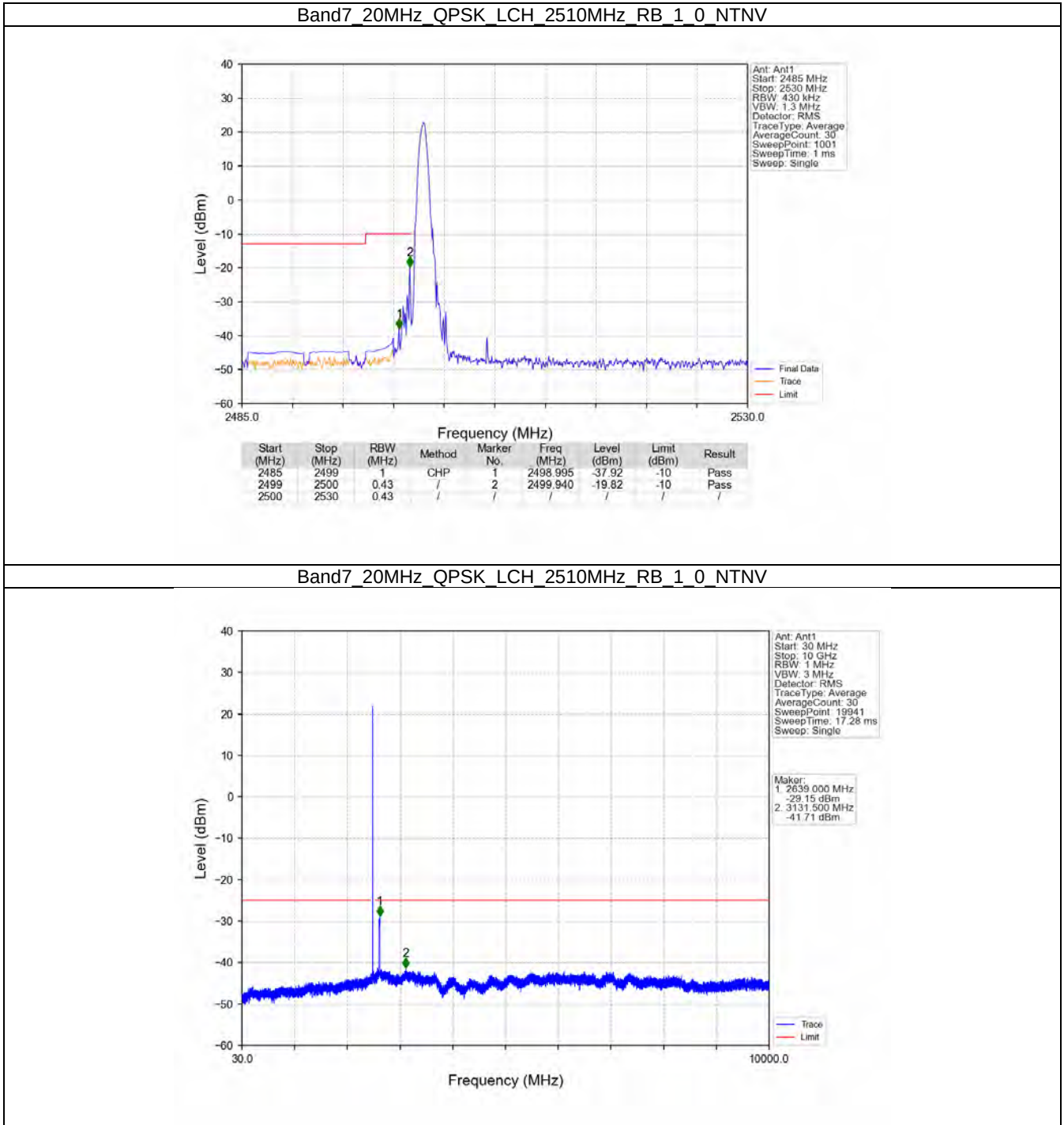


5.4 B7_20MHz

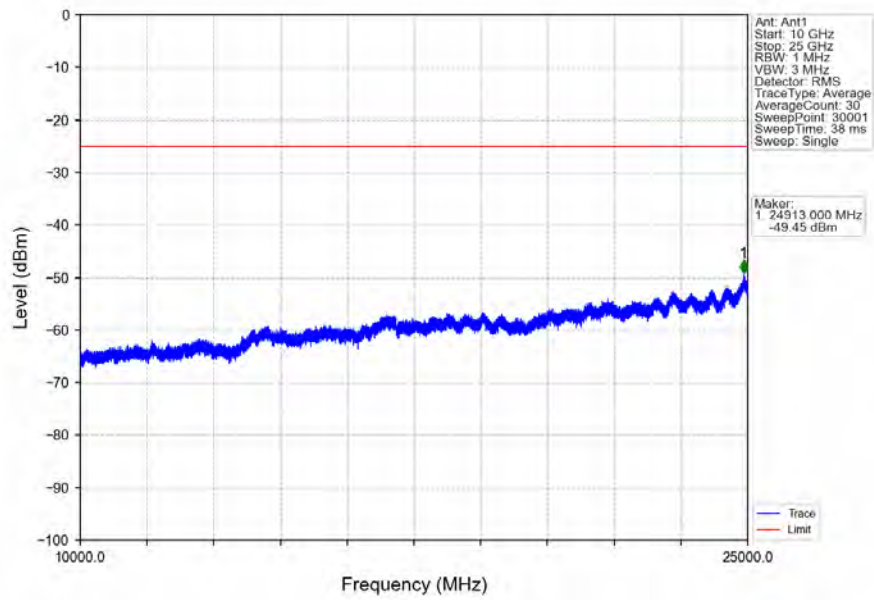
5.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTN						
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

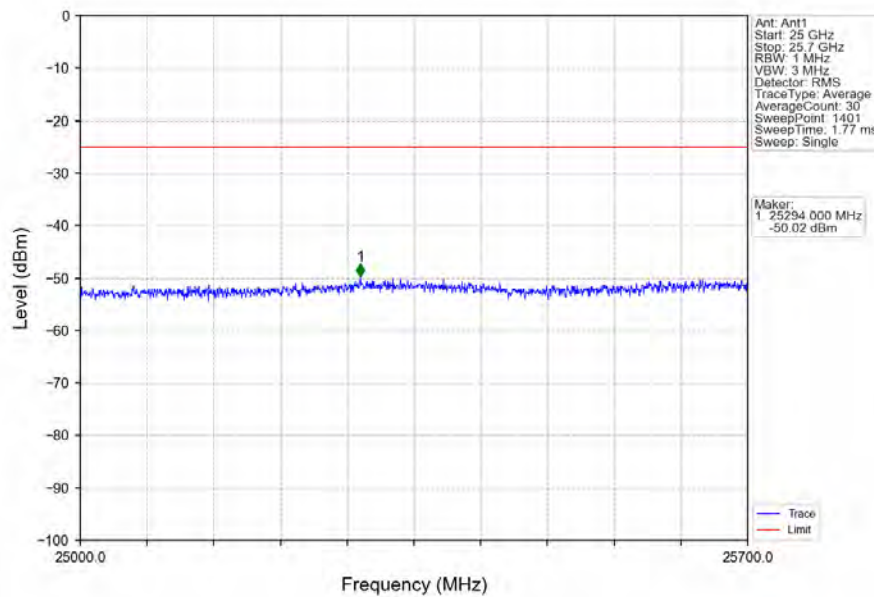
5.4.2 Test Graph



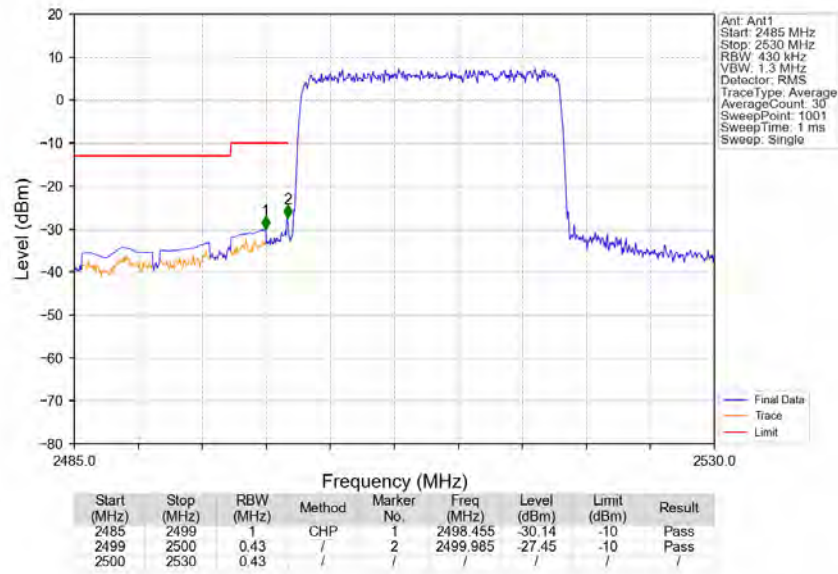
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



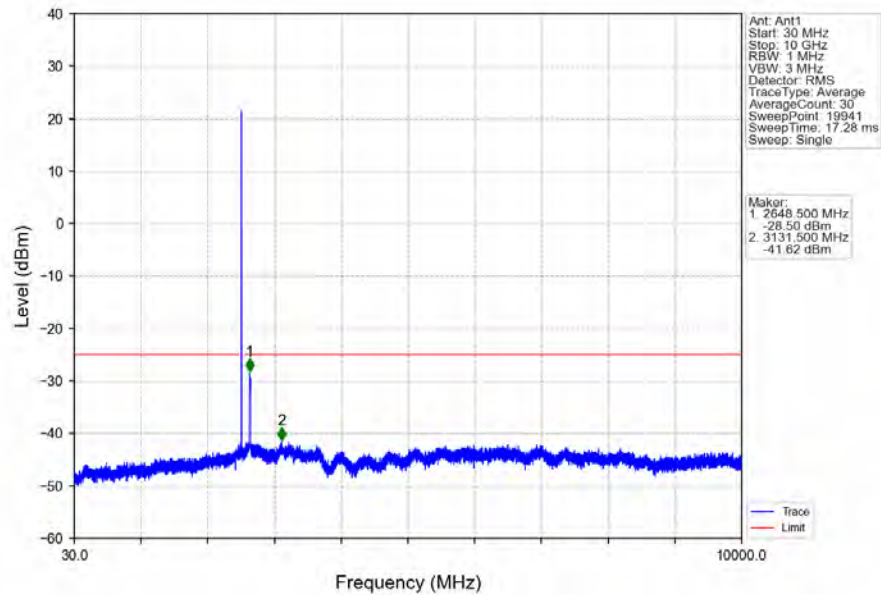
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



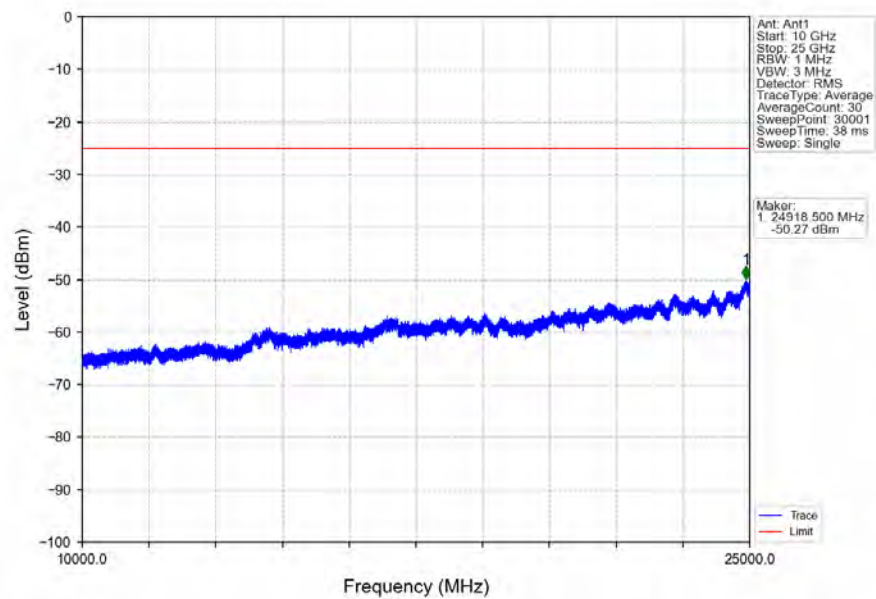
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



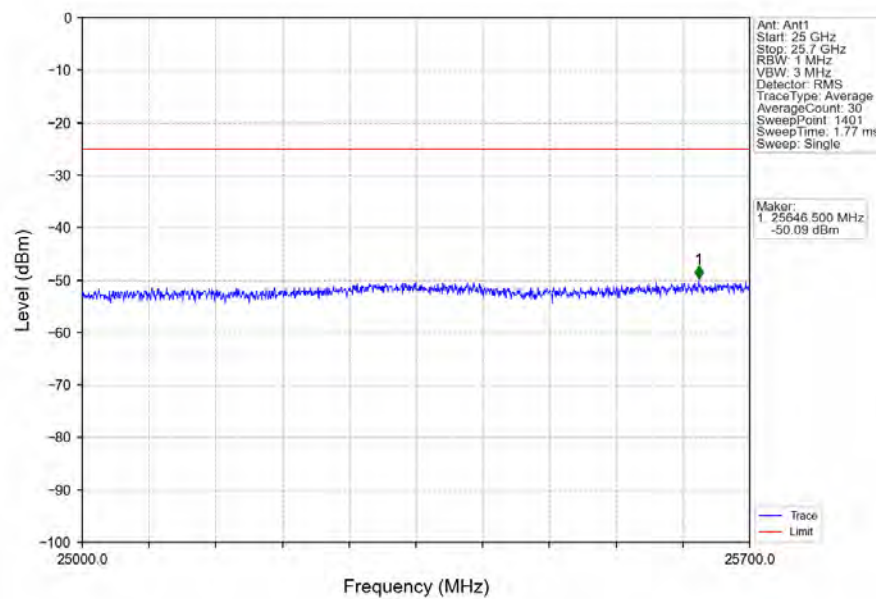
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



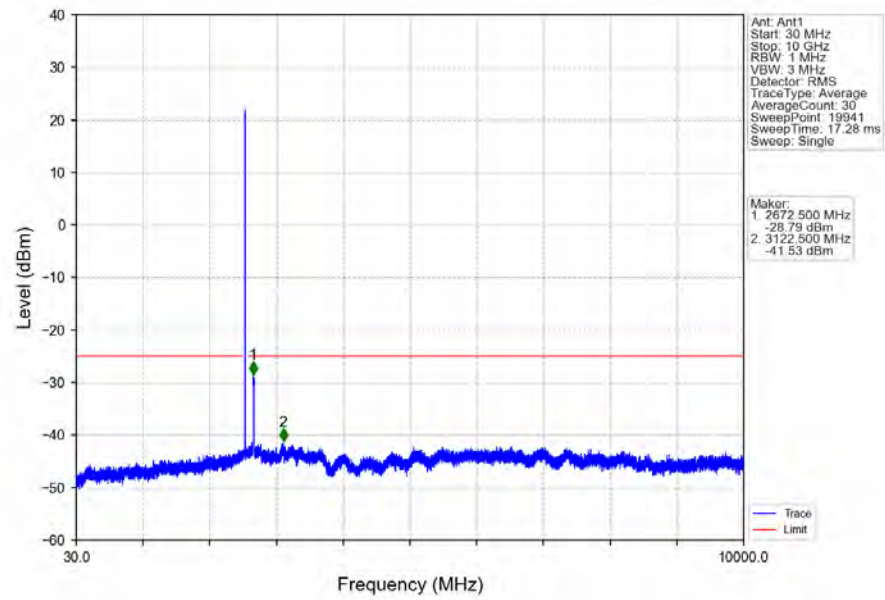
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



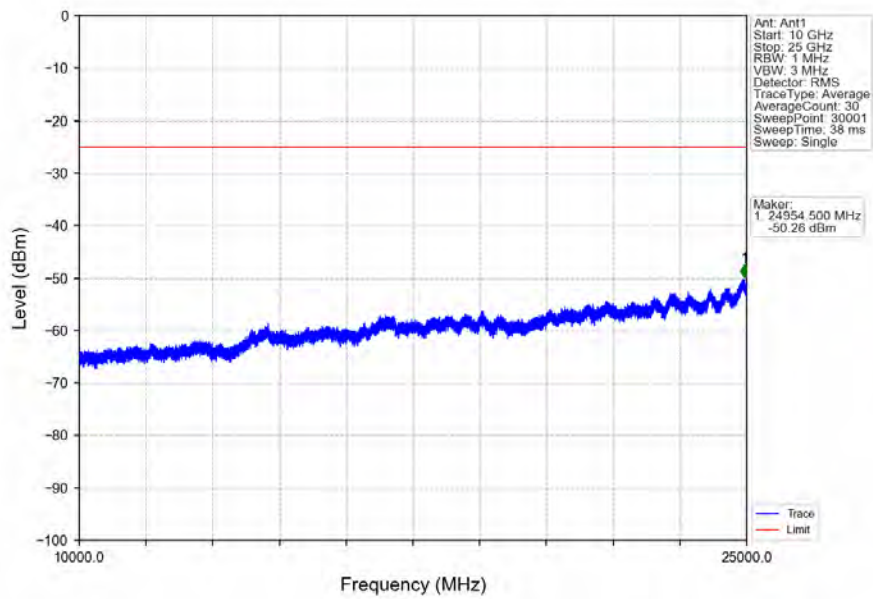
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



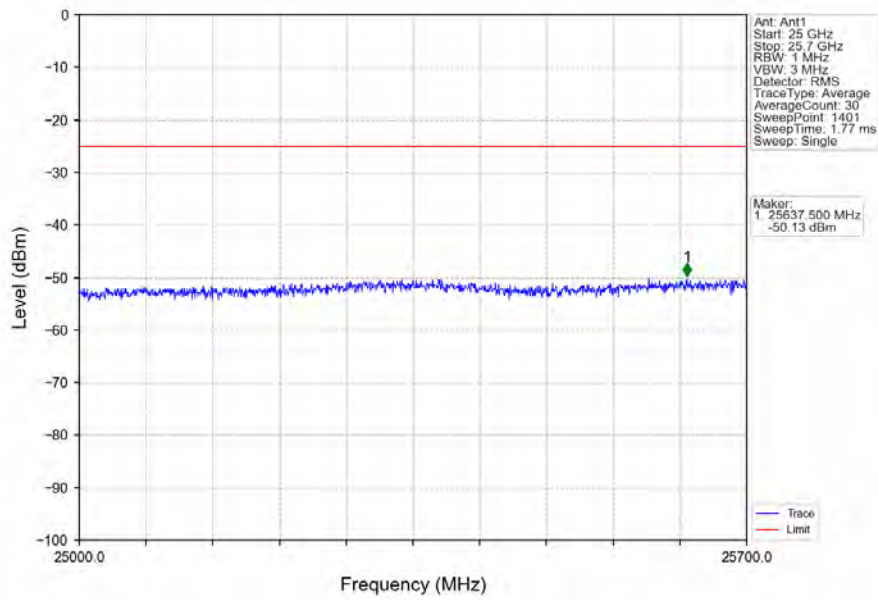
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



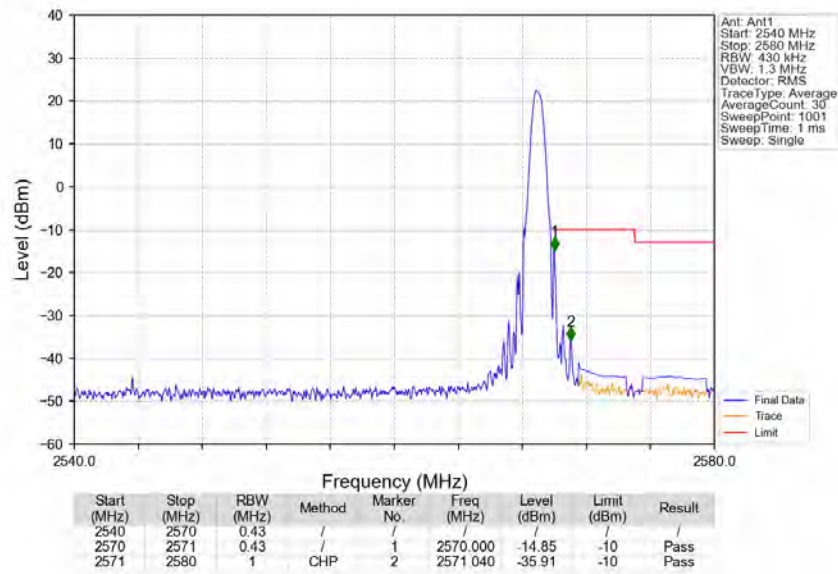
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



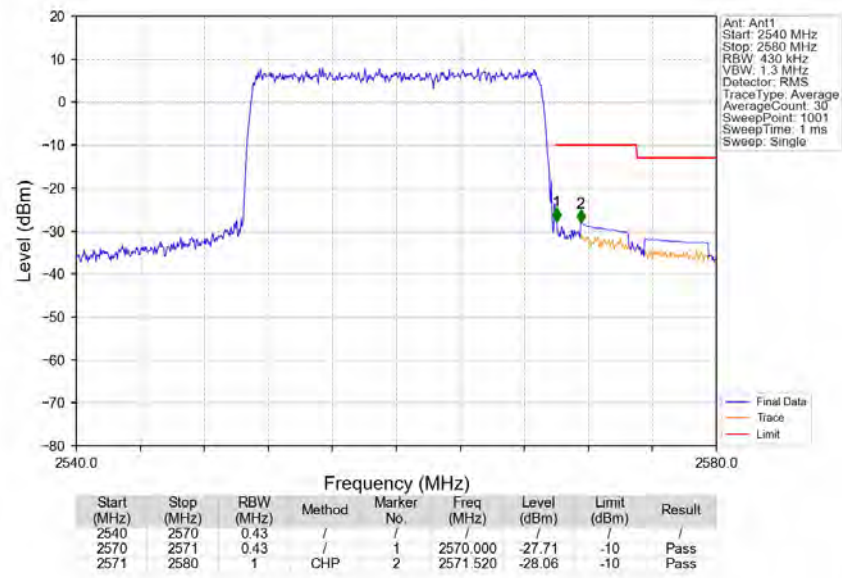
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_HCH_2560MHz_RB_1_99_NTNV



Band7 20MHz QPSK HCH 2560MHz RB 100 0 NTV



6. Field Strength of Spurious Radiation

LTE Band 7-Low channel								
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	-60.38	-25	-35.38	-65.95	4.57	10.14	Horizontal	Pass
7503.0	-60.41	-25	-35.41	-67.21	4.94	11.74	Horizontal	Pass
10004.0	-56.77	-25	-31.77	-64.34	5.46	13.03	Horizontal	Pass
5002.0	-57.86	-25	-32.86	-63.43	4.57	10.14	Vertical	Pass
7503.0	-60.42	-25	-35.42	-67.22	4.94	11.74	Vertical	Pass
10004.0	-56.78	-25	-31.78	-64.35	5.46	13.03	Vertical	Pass

LTE Band 7-Middle channel								
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	-62.46	-25	-37.46	-68.04	4.59	10.17	Horizontal	Pass
7578.0	-60.69	-25	-35.69	-67.57	4.95	11.83	Horizontal	Pass
10104.0	-57.32	-25	-32.32	-64.89	5.48	13.05	Horizontal	Pass
5052.0	-62.99	-25	-37.99	-68.57	4.59	10.17	Vertical	Pass
7578.0	-60.76	-25	-35.76	-67.64	4.95	11.83	Vertical	Pass
10104.0	-56.59	-25	-31.59	-64.16	5.48	13.05	Vertical	Pass

LTE Band 7-High channel								
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	-63.27	-25	-38.27	-68.87	4.6	10.2	Horizontal	Pass
7653.0	-60.37	-25	-35.37	-67.34	4.95	11.92	Horizontal	Pass
10204.0	-57.93	-25	-32.93	-65.51	5.49	13.07	Horizontal	Pass
5102.0	-63.28	-25	-38.28	-68.88	4.6	10.2	Vertical	Pass
7653.0	-60.39	-25	-35.39	-67.36	4.95	11.92	Vertical	Pass
10204.0	-57.27	-25	-32.27	-64.85	5.49	13.07	Vertical	Pass