



1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B7_5MHz_EIRP

Band: 7 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	23.78	1.40	25.18	<=33.01	Pass
			13	23.36	1.40	24.76	<=33.01	Pass
			24	23.60	1.40	25.00	<=33.01	Pass
		12	0	22.61	1.40	24.01	<=33.01	Pass
			6	22.59	1.40	23.99	<=33.01	Pass
			13	22.53	1.40	23.93	<=33.01	Pass
		25	0	22.60	1.40	24.00	<=33.01	Pass
	2535	1	0	23.11	1.40	24.51	<=33.01	Pass
			13	23.00	1.40	24.40	<=33.01	Pass
			24	22.99	1.40	24.39	<=33.01	Pass
		12	0	22.34	1.40	23.74	<=33.01	Pass
			6	22.41	1.40	23.81	<=33.01	Pass
			13	22.28	1.40	23.68	<=33.01	Pass
		25	0	22.23	1.40	23.63	<=33.01	Pass
	2567.5	1	0	23.22	1.40	24.62	<=33.01	Pass
			13	23.16	1.40	24.56	<=33.01	Pass
			24	23.15	1.40	24.55	<=33.01	Pass
		12	0	22.30	1.40	23.70	<=33.01	Pass
			6	22.34	1.40	23.74	<=33.01	Pass
			13	22.50	1.40	23.90	<=33.01	Pass
		25	0	22.37	1.40	23.77	<=33.01	Pass
16QAM	2502.5	1	0	22.68	1.40	24.08	<=33.01	Pass
			13	22.34	1.40	23.74	<=33.01	Pass
			24	22.53	1.40	23.93	<=33.01	Pass
		12	0	21.61	1.40	23.01	<=33.01	Pass
			6	21.72	1.40	23.12	<=33.01	Pass
			13	21.65	1.40	23.05	<=33.01	Pass
		25	0	21.68	1.40	23.08	<=33.01	Pass
	2535	1	0	22.38	1.40	23.78	<=33.01	Pass
			13	22.33	1.40	23.73	<=33.01	Pass
			24	22.37	1.40	23.77	<=33.01	Pass
		12	0	21.40	1.40	22.80	<=33.01	Pass
			6	21.48	1.40	22.88	<=33.01	Pass
			13	21.37	1.40	22.77	<=33.01	Pass
		25	0	21.30	1.40	22.70	<=33.01	Pass
	2567.5	1	0	22.41	1.40	23.81	<=33.01	Pass
			13	22.40	1.40	23.80	<=33.01	Pass
			24	22.42	1.40	23.82	<=33.01	Pass
		12	0	21.30	1.40	22.70	<=33.01	Pass
			6	21.37	1.40	22.77	<=33.01	Pass
			13	21.58	1.40	22.98	<=33.01	Pass
		25	0	21.48	1.40	22.88	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	23.66	1.40	25.06	<=33.01	Pass
			25	23.61	1.40	25.01	<=33.01	Pass
			49	23.82	1.40	25.22	<=33.01	Pass
		25	0	22.51	1.40	23.91	<=33.01	Pass
			13	22.62	1.40	24.02	<=33.01	Pass
			25	22.91	1.40	24.31	<=33.01	Pass
		50	0	22.64	1.40	24.04	<=33.01	Pass
	2535	1	0	22.94	1.40	24.34	<=33.01	Pass
			25	23.07	1.40	24.47	<=33.01	Pass
			49	23.20	1.40	24.60	<=33.01	Pass
		25	0	22.20	1.40	23.60	<=33.01	Pass
			13	22.21	1.40	23.61	<=33.01	Pass
			25	22.26	1.40	23.66	<=33.01	Pass
		50	0	22.18	1.40	23.58	<=33.01	Pass
	2565	1	0	23.38	1.40	24.78	<=33.01	Pass
			25	23.14	1.40	24.54	<=33.01	Pass
			49	23.19	1.40	24.59	<=33.01	Pass
		25	0	22.42	1.40	23.82	<=33.01	Pass
			13	22.25	1.40	23.65	<=33.01	Pass
			25	22.54	1.40	23.94	<=33.01	Pass
		50	0	22.41	1.40	23.81	<=33.01	Pass
16QAM	2505	1	0	22.55	1.40	23.95	<=33.01	Pass
			25	22.52	1.40	23.92	<=33.01	Pass
			49	22.85	1.40	24.25	<=33.01	Pass
		12	0	22.53	1.40	23.93	<=33.01	Pass
			19	22.49	1.40	23.89	<=33.01	Pass
			38	22.81	1.40	24.21	<=33.01	Pass
		27	0	21.55	1.40	22.95	<=33.01	Pass
	2535	1	0	22.41	1.40	23.81	<=33.01	Pass
			25	22.57	1.40	23.97	<=33.01	Pass
			49	22.69	1.40	24.09	<=33.01	Pass
		12	0	22.18	1.40	23.58	<=33.01	Pass
			19	22.20	1.40	23.60	<=33.01	Pass
			38	22.35	1.40	23.75	<=33.01	Pass
		27	0	21.24	1.40	22.64	<=33.01	Pass
	2565	1	0	22.60	1.40	24.00	<=33.01	Pass
			25	22.42	1.40	23.82	<=33.01	Pass
			49	22.52	1.40	23.92	<=33.01	Pass
		12	0	22.48	1.40	23.88	<=33.01	Pass
			19	22.41	1.40	23.81	<=33.01	Pass
			38	22.50	1.40	23.90	<=33.01	Pass
		27	23	21.69	1.40	23.09	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	

QPSK	2507.5	1	0	23.63	1.40	25.03	<=33.01	Pass	
			38	23.75	1.40	25.15	<=33.01	Pass	
			74	23.83	1.40	25.23	<=33.01	Pass	
		36	0	22.76	1.40	24.16	<=33.01	Pass	
			18	22.77	1.40	24.17	<=33.01	Pass	
			39	23.03	1.40	24.43	<=33.01	Pass	
		75	0	22.83	1.40	24.23	<=33.01	Pass	
		2535	1	0	23.68	1.40	25.08	<=33.01	Pass
				38	23.54	1.40	24.94	<=33.01	Pass
	74			23.60	1.40	25.00	<=33.01	Pass	
	36		0	22.81	1.40	24.21	<=33.01	Pass	
			18	22.64	1.40	24.04	<=33.01	Pass	
			39	23.12	1.40	24.52	<=33.01	Pass	
	75		0	22.59	1.40	23.99	<=33.01	Pass	
	2562.5		1	0	23.52	1.40	24.92	<=33.01	Pass
				38	23.48	1.40	24.88	<=33.01	Pass
		74		23.25	1.40	24.65	<=33.01	Pass	
		36	0	22.52	1.40	23.92	<=33.01	Pass	
			18	22.45	1.40	23.85	<=33.01	Pass	
			39	22.59	1.40	23.99	<=33.01	Pass	
		75	0	22.54	1.40	23.94	<=33.01	Pass	
16QAM		2507.5	1	0	23.27	1.40	24.67	<=33.01	Pass
				38	23.33	1.40	24.73	<=33.01	Pass
	74			23.34	1.40	24.74	<=33.01	Pass	
	12		0	22.89	1.40	24.29	<=33.01	Pass	
			31	22.79	1.40	24.19	<=33.01	Pass	
			63	22.90	1.40	24.30	<=33.01	Pass	
	27		0	21.66	1.40	23.06	<=33.01	Pass	
	2535		1	0	22.78	1.40	24.18	<=33.01	Pass
				38	22.57	1.40	23.97	<=33.01	Pass
		74		22.80	1.40	24.20	<=33.01	Pass	
		12	0	22.76	1.40	24.16	<=33.01	Pass	
			31	22.42	1.40	23.82	<=33.01	Pass	
			63	22.72	1.40	24.12	<=33.01	Pass	
		27	0	21.56	1.40	22.96	<=33.01	Pass	
		2562.5	1	0	22.86	1.40	24.26	<=33.01	Pass
				38	22.79	1.40	24.19	<=33.01	Pass
	74			22.69	1.40	24.09	<=33.01	Pass	
	12		0	22.62	1.40	24.02	<=33.01	Pass	
			31	22.50	1.40	23.90	<=33.01	Pass	
			63	22.41	1.40	23.81	<=33.01	Pass	
	27		48	21.46	1.40	22.86	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	23.41	1.40	24.81	<=33.01	Pass
			50	23.68	1.40	25.08	<=33.01	Pass
			99	23.34	1.40	24.74	<=33.01	Pass
		50	0	22.59	1.40	23.99	<=33.01	Pass
			25	22.59	1.40	23.99	<=33.01	Pass

			50	22.82	1.40	24.22	<=33.01	Pass	
		100	0	22.69	1.40	24.09	<=33.01	Pass	
	2535	1	0	22.95	1.40	24.35	<=33.01	Pass	
			50	23.19	1.40	24.59	<=33.01	Pass	
			99	22.99	1.40	24.39	<=33.01	Pass	
			0	22.02	1.40	23.42	<=33.01	Pass	
		50	25	22.17	1.40	23.57	<=33.01	Pass	
			50	22.59	1.40	23.99	<=33.01	Pass	
			100	0	22.04	1.40	23.44	<=33.01	Pass
		2560	1	0	23.11	1.40	24.51	<=33.01	Pass
	50			23.22	1.40	24.62	<=33.01	Pass	
	99			22.86	1.40	24.26	<=33.01	Pass	
	0			22.25	1.40	23.65	<=33.01	Pass	
	50		25	22.17	1.40	23.57	<=33.01	Pass	
			50	22.43	1.40	23.83	<=33.01	Pass	
			100	0	22.15	1.40	23.55	<=33.01	Pass
	16QAM		2510	1	0	22.69	1.40	24.09	<=33.01
		50			22.89	1.40	24.29	<=33.01	Pass
		99			22.61	1.40	24.01	<=33.01	Pass
		12		0	22.51	1.40	23.91	<=33.01	Pass
				44	22.56	1.40	23.96	<=33.01	Pass
				88	22.54	1.40	23.94	<=33.01	Pass
				27	0	21.58	1.40	22.98	<=33.01
2535		1		0	22.30	1.40	23.70	<=33.01	Pass
			50	22.56	1.40	23.96	<=33.01	Pass	
			99	22.38	1.40	23.78	<=33.01	Pass	
		12	0	21.99	1.40	23.39	<=33.01	Pass	
			44	22.20	1.40	23.60	<=33.01	Pass	
			88	22.20	1.40	23.60	<=33.01	Pass	
		27	0	21.13	1.40	22.53	<=33.01	Pass	
2560		1	0	22.60	1.40	24.00	<=33.01	Pass	
			50	22.77	1.40	24.17	<=33.01	Pass	
			99	22.49	1.40	23.89	<=33.01	Pass	
		12	0	22.18	1.40	23.58	<=33.01	Pass	
			44	22.22	1.40	23.62	<=33.01	Pass	
			88	22.18	1.40	23.58	<=33.01	Pass	
		27	73	21.26	1.40	22.66	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2502.5	25	0	20	3.145	21.100	0.0084	-2.5 to 2.5	Pass
					3.7	22.974	0.0092	-2.5 to 2.5	Pass
					4.255	22.173	0.0089	-2.5 to 2.5	Pass
				-30	3.7	21.987	0.0088	-2.5 to 2.5	Pass
				-20	3.7	21.501	0.0086	-2.5 to 2.5	Pass
					3.7	21.501	0.0086	-2.5 to 2.5	Pass

16QAM				-10	3.7	24.619	0.0098	-2.5 to 2.5	Pass
				0	3.7	23.088	0.0092	-2.5 to 2.5	Pass
				10	3.7	21.043	0.0084	-2.5 to 2.5	Pass
				30	3.7	20.514	0.0082	-2.5 to 2.5	Pass
				40	3.7	21.358	0.0085	-2.5 to 2.5	Pass
				50	3.7	20.800	0.0083	-2.5 to 2.5	Pass
	2535	25	0	20	3.145	-19.898	-0.0078	-2.5 to 2.5	Pass
					3.7	18.768	0.0074	-2.5 to 2.5	Pass
					4.255	20.800	0.0082	-2.5 to 2.5	Pass
				-30	3.7	22.731	0.0090	-2.5 to 2.5	Pass
				-20	3.7	22.216	0.0088	-2.5 to 2.5	Pass
				-10	3.7	24.247	0.0096	-2.5 to 2.5	Pass
				0	3.7	25.334	0.0100	-2.5 to 2.5	Pass
				10	3.7	22.502	0.0089	-2.5 to 2.5	Pass
				30	3.7	21.243	0.0084	-2.5 to 2.5	Pass
				40	3.7	21.873	0.0086	-2.5 to 2.5	Pass
				50	3.7	23.060	0.0091	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.145	19.326	0.0075	-2.5 to 2.5	Pass
					3.7	20.156	0.0079	-2.5 to 2.5	Pass
					4.255	18.997	0.0074	-2.5 to 2.5	Pass
				-30	3.7	19.770	0.0077	-2.5 to 2.5	Pass
				-20	3.7	20.256	0.0079	-2.5 to 2.5	Pass
				-10	3.7	19.355	0.0075	-2.5 to 2.5	Pass
				0	3.7	18.425	0.0072	-2.5 to 2.5	Pass
				10	3.7	20.986	0.0082	-2.5 to 2.5	Pass
				30	3.7	18.296	0.0071	-2.5 to 2.5	Pass
				40	3.7	18.883	0.0074	-2.5 to 2.5	Pass
				50	3.7	18.783	0.0073	-2.5 to 2.5	Pass
	2502.5	25	0	20	3.145	20.242	0.0081	-2.5 to 2.5	Pass
					3.7	21.157	0.0085	-2.5 to 2.5	Pass
					4.255	20.828	0.0083	-2.5 to 2.5	Pass
				-30	3.7	21.186	0.0085	-2.5 to 2.5	Pass
				-20	3.7	21.343	0.0085	-2.5 to 2.5	Pass
				-10	3.7	19.627	0.0078	-2.5 to 2.5	Pass
				0	3.7	20.399	0.0082	-2.5 to 2.5	Pass
				10	3.7	20.342	0.0081	-2.5 to 2.5	Pass
				30	3.7	20.885	0.0083	-2.5 to 2.5	Pass
				40	3.7	20.943	0.0084	-2.5 to 2.5	Pass
				50	3.7	18.826	0.0075	-2.5 to 2.5	Pass
	2535	25	0	20	3.145	22.559	0.0089	-2.5 to 2.5	Pass
					3.7	20.499	0.0081	-2.5 to 2.5	Pass
					4.255	21.429	0.0085	-2.5 to 2.5	Pass
				-30	3.7	20.943	0.0083	-2.5 to 2.5	Pass
				-20	3.7	20.413	0.0081	-2.5 to 2.5	Pass
				-10	3.7	20.428	0.0081	-2.5 to 2.5	Pass
				0	3.7	21.143	0.0083	-2.5 to 2.5	Pass
				10	3.7	20.900	0.0082	-2.5 to 2.5	Pass
				30	3.7	18.568	0.0073	-2.5 to 2.5	Pass
				40	3.7	19.398	0.0077	-2.5 to 2.5	Pass
				50	3.7	20.285	0.0080	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.145	13.690	0.0053	-2.5 to 2.5	Pass
					3.7	-21.701	-0.0085	-2.5 to 2.5	Pass
					4.255	-17.610	-0.0069	-2.5 to 2.5	Pass
				-30	3.7	-16.723	-0.0065	-2.5 to 2.5	Pass
				-20	3.7	5.836	0.0023	-2.5 to 2.5	Pass
				-10	3.7	15.864	0.0062	-2.5 to 2.5	Pass



				0	3.85	17.753	0.0069	-2.5 to 2.5	Pass
				10	3.85	18.096	0.0070	-2.5 to 2.5	Pass
				30	3.85	17.624	0.0069	-2.5 to 2.5	Pass
				40	3.85	15.607	0.0061	-2.5 to 2.5	Pass
				50	3.85	0.129	0.0001	-2.5 to 2.5	Pass

2.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2505	50	0	20	3.145	-20.571	-0.0082	-2.5 to 2.5	Pass
					3.7	19.455	0.0078	-2.5 to 2.5	Pass
					4.255	19.612	0.0078	-2.5 to 2.5	Pass
				-30	3.7	-19.283	-0.0077	-2.5 to 2.5	Pass
				-20	3.7	17.238	0.0069	-2.5 to 2.5	Pass
				-10	3.7	-12.846	-0.0051	-2.5 to 2.5	Pass
				0	3.7	-6.166	-0.0025	-2.5 to 2.5	Pass
				10	3.7	6.967	0.0028	-2.5 to 2.5	Pass
				30	3.7	-3.147	-0.0013	-2.5 to 2.5	Pass
				40	3.7	-4.506	-0.0018	-2.5 to 2.5	Pass
				50	3.7	-11.516	-0.0046	-2.5 to 2.5	Pass
	2535	50	0	20	3.145	-15.578	-0.0061	-2.5 to 2.5	Pass
					3.7	-21.715	-0.0086	-2.5 to 2.5	Pass
					4.255	-19.827	-0.0078	-2.5 to 2.5	Pass
				-30	3.7	-11.158	-0.0044	-2.5 to 2.5	Pass
				-20	3.7	6.738	0.0027	-2.5 to 2.5	Pass
				-10	3.7	3.848	0.0015	-2.5 to 2.5	Pass
				0	3.7	19.612	0.0077	-2.5 to 2.5	Pass
				10	3.7	-15.378	-0.0061	-2.5 to 2.5	Pass
				30	3.7	12.259	0.0048	-2.5 to 2.5	Pass
				40	3.7	-6.423	-0.0025	-2.5 to 2.5	Pass
				50	3.7	3.748	0.0015	-2.5 to 2.5	Pass
	2565	50	0	20	3.145	-5.021	-0.0020	-2.5 to 2.5	Pass
					3.7	16.465	0.0064	-2.5 to 2.5	Pass
					4.255	18.396	0.0072	-2.5 to 2.5	Pass
				-30	3.7	18.883	0.0074	-2.5 to 2.5	Pass
				-20	3.7	20.885	0.0081	-2.5 to 2.5	Pass
				-10	3.7	19.798	0.0077	-2.5 to 2.5	Pass
				0	3.7	20.556	0.0080	-2.5 to 2.5	Pass
				10	3.7	19.984	0.0078	-2.5 to 2.5	Pass
				30	3.7	18.740	0.0073	-2.5 to 2.5	Pass
				40	3.7	19.770	0.0077	-2.5 to 2.5	Pass
				50	3.7	17.624	0.0069	-2.5 to 2.5	Pass
16QAM	2505	27	0	20	3.145	8.440	0.0034	-2.5 to 2.5	Pass
					3.7	-17.982	-0.0072	-2.5 to 2.5	Pass
					4.255	-9.170	-0.0037	-2.5 to 2.5	Pass
				-30	3.7	19.469	0.0078	-2.5 to 2.5	Pass
				-20	3.7	19.584	0.0078	-2.5 to 2.5	Pass
				-10	3.7	10.471	0.0042	-2.5 to 2.5	Pass
				0	3.7	-0.057	0.0000	-2.5 to 2.5	Pass
				10	3.7	12.202	0.0049	-2.5 to 2.5	Pass
				30	3.7	15.407	0.0062	-2.5 to 2.5	Pass
				40	3.7	2.203	0.0009	-2.5 to 2.5	Pass

	2535	27	0	50	3.7	12.746	0.0051	-2.5 to 2.5	Pass
				20	3.145	-4.048	-0.0016	-2.5 to 2.5	Pass
					3.7	-19.112	-0.0075	-2.5 to 2.5	Pass
					4.255	-13.919	-0.0055	-2.5 to 2.5	Pass
				-30	3.7	17.452	0.0069	-2.5 to 2.5	Pass
				-20	3.7	15.750	0.0062	-2.5 to 2.5	Pass
				-10	3.7	19.240	0.0076	-2.5 to 2.5	Pass
				0	3.7	15.349	0.0061	-2.5 to 2.5	Pass
				10	3.7	7.339	0.0029	-2.5 to 2.5	Pass
				30	3.7	6.094	0.0024	-2.5 to 2.5	Pass
	2565	27	23	40	3.7	6.137	0.0024	-2.5 to 2.5	Pass
				50	3.7	-1.931	-0.0008	-2.5 to 2.5	Pass
				20	3.145	15.750	0.0061	-2.5 to 2.5	Pass
					3.7	-20.757	-0.0081	-2.5 to 2.5	Pass
					4.255	-20.614	-0.0080	-2.5 to 2.5	Pass
				-30	3.7	-17.953	-0.0070	-2.5 to 2.5	Pass
				-20	3.7	-12.774	-0.0050	-2.5 to 2.5	Pass
				-10	3.7	9.713	0.0038	-2.5 to 2.5	Pass
				0	3.7	-18.511	-0.0072	-2.5 to 2.5	Pass
				10	3.7	16.723	0.0065	-2.5 to 2.5	Pass
				30	3.7	-17.953	-0.0070	-2.5 to 2.5	Pass
				40	3.7	11.759	0.0046	-2.5 to 2.5	Pass
				50	3.7	2.346	0.0009	-2.5 to 2.5	Pass

2.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2507.5	75	0	20	3.145	-19.426	-0.0077	-2.5 to 2.5	Pass
					3.7	-20.700	-0.0083	-2.5 to 2.5	Pass
					4.255	-20.127	-0.0080	-2.5 to 2.5	Pass
				-30	3.7	-17.195	-0.0069	-2.5 to 2.5	Pass
				-20	3.7	20.142	0.0080	-2.5 to 2.5	Pass
				-10	3.7	0.486	0.0002	-2.5 to 2.5	Pass
				0	3.7	-17.509	-0.0070	-2.5 to 2.5	Pass
				10	3.7	-13.890	-0.0055	-2.5 to 2.5	Pass
				30	3.7	-9.842	-0.0039	-2.5 to 2.5	Pass
				40	3.7	-11.859	-0.0047	-2.5 to 2.5	Pass
	2535	75	0	50	3.7	-4.435	-0.0018	-2.5 to 2.5	Pass
				20	3.145	-20.328	-0.0080	-2.5 to 2.5	Pass
					3.7	-19.469	-0.0077	-2.5 to 2.5	Pass
					4.255	-19.355	-0.0076	-2.5 to 2.5	Pass
				-30	3.7	-17.767	-0.0070	-2.5 to 2.5	Pass
				-20	3.7	-19.541	-0.0077	-2.5 to 2.5	Pass
				-10	3.7	-19.455	-0.0077	-2.5 to 2.5	Pass
				0	3.7	-17.853	-0.0070	-2.5 to 2.5	Pass
				10	3.7	-15.736	-0.0062	-2.5 to 2.5	Pass
				30	3.7	-0.072	0.0000	-2.5 to 2.5	Pass
	2562.5	75	0	40	3.7	4.606	0.0018	-2.5 to 2.5	Pass
				50	3.7	-8.540	-0.0034	-2.5 to 2.5	Pass
				20	3.145	-18.682	-0.0073	-2.5 to 2.5	Pass
					3.7	18.082	0.0071	-2.5 to 2.5	Pass
					4.255	18.311	0.0071	-2.5 to 2.5	Pass

16QAM	2507.5	27	0	-30	3.7	19.012	0.0074	-2.5 to 2.5	Pass
				-20	3.7	19.369	0.0076	-2.5 to 2.5	Pass
				-10	3.7	18.039	0.0070	-2.5 to 2.5	Pass
				0	3.7	18.282	0.0071	-2.5 to 2.5	Pass
				10	3.7	14.563	0.0057	-2.5 to 2.5	Pass
				30	3.7	20.099	0.0078	-2.5 to 2.5	Pass
				40	3.7	16.251	0.0063	-2.5 to 2.5	Pass
	2535	27	0	50	3.7	9.384	0.0037	-2.5 to 2.5	Pass
				20	3.145	-19.484	-0.0078	-2.5 to 2.5	Pass
					3.7	9.313	0.0037	-2.5 to 2.5	Pass
					4.255	-3.605	-0.0014	-2.5 to 2.5	Pass
				-30	3.7	-5.765	-0.0023	-2.5 to 2.5	Pass
				-20	3.7	11.759	0.0047	-2.5 to 2.5	Pass
				-10	3.7	7.982	0.0032	-2.5 to 2.5	Pass
				0	3.7	19.012	0.0076	-2.5 to 2.5	Pass
				10	3.7	-1.760	-0.0007	-2.5 to 2.5	Pass
				30	3.7	5.808	0.0023	-2.5 to 2.5	Pass
				40	3.7	4.821	0.0019	-2.5 to 2.5	Pass
				50	3.7	4.592	0.0018	-2.5 to 2.5	Pass
				20	3.145	-20.413	-0.0081	-2.5 to 2.5	Pass
					3.7	-15.893	-0.0063	-2.5 to 2.5	Pass
					4.255	9.871	0.0039	-2.5 to 2.5	Pass
				-30	3.7	-14.105	-0.0056	-2.5 to 2.5	Pass
				-20	3.7	17.738	0.0070	-2.5 to 2.5	Pass
				-10	3.7	19.927	0.0079	-2.5 to 2.5	Pass
				0	3.7	7.052	0.0028	-2.5 to 2.5	Pass
				10	3.7	1.760	0.0007	-2.5 to 2.5	Pass
				30	3.7	-2.518	-0.0010	-2.5 to 2.5	Pass
				40	3.7	-11.287	-0.0045	-2.5 to 2.5	Pass
				50	3.7	-10.915	-0.0043	-2.5 to 2.5	Pass
	2562.5	27	48	20	3.145	15.607	0.0061	-2.5 to 2.5	Pass
					3.7	-20.871	-0.0081	-2.5 to 2.5	Pass
					4.255	-19.641	-0.0077	-2.5 to 2.5	Pass
				-30	3.7	-20.170	-0.0079	-2.5 to 2.5	Pass
				-20	3.7	-20.843	-0.0081	-2.5 to 2.5	Pass
				-10	3.7	-19.984	-0.0078	-2.5 to 2.5	Pass
				0	3.7	-19.956	-0.0078	-2.5 to 2.5	Pass
				10	3.7	-19.169	-0.0075	-2.5 to 2.5	Pass
				30	3.7	-19.727	-0.0077	-2.5 to 2.5	Pass
				40	3.7	-21.815	-0.0085	-2.5 to 2.5	Pass
				50	3.7	-18.697	-0.0073	-2.5 to 2.5	Pass

2.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2510	100	0	20	3.145	-20.871	-0.0083	-2.5 to 2.5	Pass
					3.7	-20.757	-0.0083	-2.5 to 2.5	Pass
					4.255	-20.399	-0.0081	-2.5 to 2.5	Pass
				-30	3.7	-20.142	-0.0080	-2.5 to 2.5	Pass
				-20	3.7	-20.328	-0.0081	-2.5 to 2.5	Pass
				-10	3.7	-19.984	-0.0080	-2.5 to 2.5	Pass
				0	3.7	-19.355	-0.0077	-2.5 to 2.5	Pass

				10	3.7	-19.956	-0.0080	-2.5 to 2.5	Pass
				30	3.7	-21.343	-0.0085	-2.5 to 2.5	Pass
				40	3.7	-19.741	-0.0079	-2.5 to 2.5	Pass
				50	3.7	-18.554	-0.0074	-2.5 to 2.5	Pass
	2535	100	0	20	3.145	-19.784	-0.0078	-2.5 to 2.5	Pass
					3.7	-15.278	-0.0060	-2.5 to 2.5	Pass
					4.255	-20.070	-0.0079	-2.5 to 2.5	Pass
				-30	3.7	-11.716	-0.0046	-2.5 to 2.5	Pass
				-20	3.7	-1.230	-0.0005	-2.5 to 2.5	Pass
				-10	3.7	-1.159	-0.0005	-2.5 to 2.5	Pass
				0	3.7	-13.332	-0.0053	-2.5 to 2.5	Pass
				10	3.7	-20.256	-0.0080	-2.5 to 2.5	Pass
				30	3.7	-18.339	-0.0072	-2.5 to 2.5	Pass
				40	3.7	-16.551	-0.0065	-2.5 to 2.5	Pass
				50	3.7	-21.029	-0.0083	-2.5 to 2.5	Pass
	2560	100	0	20	3.145	22.616	0.0088	-2.5 to 2.5	Pass
					3.7	28.896	0.0113	-2.5 to 2.5	Pass
					4.255	25.764	0.0101	-2.5 to 2.5	Pass
				-30	3.7	22.688	0.0089	-2.5 to 2.5	Pass
				-20	3.7	24.748	0.0097	-2.5 to 2.5	Pass
				-10	3.7	23.160	0.0090	-2.5 to 2.5	Pass
				0	3.7	22.230	0.0087	-2.5 to 2.5	Pass
				10	3.7	21.501	0.0084	-2.5 to 2.5	Pass
				30	3.7	19.426	0.0076	-2.5 to 2.5	Pass
				40	3.7	-20.285	-0.0079	-2.5 to 2.5	Pass
				50	3.7	-14.849	-0.0058	-2.5 to 2.5	Pass
16QAM	2510	27	0	20	3.145	-21.200	-0.0084	-2.5 to 2.5	Pass
					3.7	-21.129	-0.0084	-2.5 to 2.5	Pass
					4.255	-5.035	-0.0020	-2.5 to 2.5	Pass
				-30	3.7	-17.710	-0.0071	-2.5 to 2.5	Pass
				-20	3.7	-9.198	-0.0037	-2.5 to 2.5	Pass
				-10	3.7	9.055	0.0036	-2.5 to 2.5	Pass
				0	3.7	16.780	0.0067	-2.5 to 2.5	Pass
				10	3.7	-16.322	-0.0065	-2.5 to 2.5	Pass
				30	3.7	-20.428	-0.0081	-2.5 to 2.5	Pass
				40	3.7	-14.648	-0.0058	-2.5 to 2.5	Pass
				50	3.7	19.784	0.0079	-2.5 to 2.5	Pass
	2535	27	0	20	3.145	-18.067	-0.0071	-2.5 to 2.5	Pass
					3.7	-12.388	-0.0049	-2.5 to 2.5	Pass
					4.255	16.437	0.0065	-2.5 to 2.5	Pass
				-30	3.7	-19.083	-0.0075	-2.5 to 2.5	Pass
				-20	3.7	-0.858	-0.0003	-2.5 to 2.5	Pass
				-10	3.7	18.353	0.0072	-2.5 to 2.5	Pass
				0	3.7	-10.228	-0.0040	-2.5 to 2.5	Pass
				10	3.7	5.350	0.0021	-2.5 to 2.5	Pass
				30	3.7	19.040	0.0075	-2.5 to 2.5	Pass
				40	3.7	9.685	0.0038	-2.5 to 2.5	Pass
				50	3.7	-14.448	-0.0057	-2.5 to 2.5	Pass
	2560	27	73	20	3.145	-5.693	-0.0022	-2.5 to 2.5	Pass
					3.7	15.621	0.0061	-2.5 to 2.5	Pass
					4.255	10.543	0.0041	-2.5 to 2.5	Pass
				-30	3.7	13.876	0.0054	-2.5 to 2.5	Pass
				-20	3.7	17.810	0.0070	-2.5 to 2.5	Pass
				-10	3.7	18.067	0.0071	-2.5 to 2.5	Pass
				0	3.7	17.567	0.0069	-2.5 to 2.5	Pass
				10	3.7	12.903	0.0050	-2.5 to 2.5	Pass

				30	3.7	15.907	0.0062	-2.5 to 2.5	Pass
				40	3.7	17.481	0.0068	-2.5 to 2.5	Pass
				50	3.7	16.952	0.0066	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.553	/	Pass
		2535	25	0	4.554	/	Pass
		2567.5	25	0	4.535	/	Pass
	16QAM	2502.5	25	0	4.533	/	Pass
		2535	25	0	4.555	/	Pass
		2567.5	25	0	4.573	/	Pass
10	QPSK	2505	50	0	9.065	/	Pass
		2535	50	0	9.045	/	Pass
		2565	50	0	9.040	/	Pass
	16QAM	2505	27	0	5.604	/	Pass
		2535	27	0	5.310	/	Pass
		2565	27	23	5.741	/	Pass
15	QPSK	2507.5	75	0	13.601	/	Pass
		2535	75	0	13.616	/	Pass
		2562.5	75	0	13.615	/	Pass
	16QAM	2507.5	27	0	6.291	/	Pass
		2535	27	0	6.093	/	Pass
		2562.5	27	48	7.951	/	Pass
20	QPSK	2510	100	0	18.125	/	Pass
		2535	100	0	18.087	/	Pass
		2560	100	0	18.116	/	Pass
	16QAM	2510	27	0	8.393	/	Pass
		2535	27	0	7.425	/	Pass
		2560	27	73	15.042	/	Pass

3.1.2 Band7_XDB

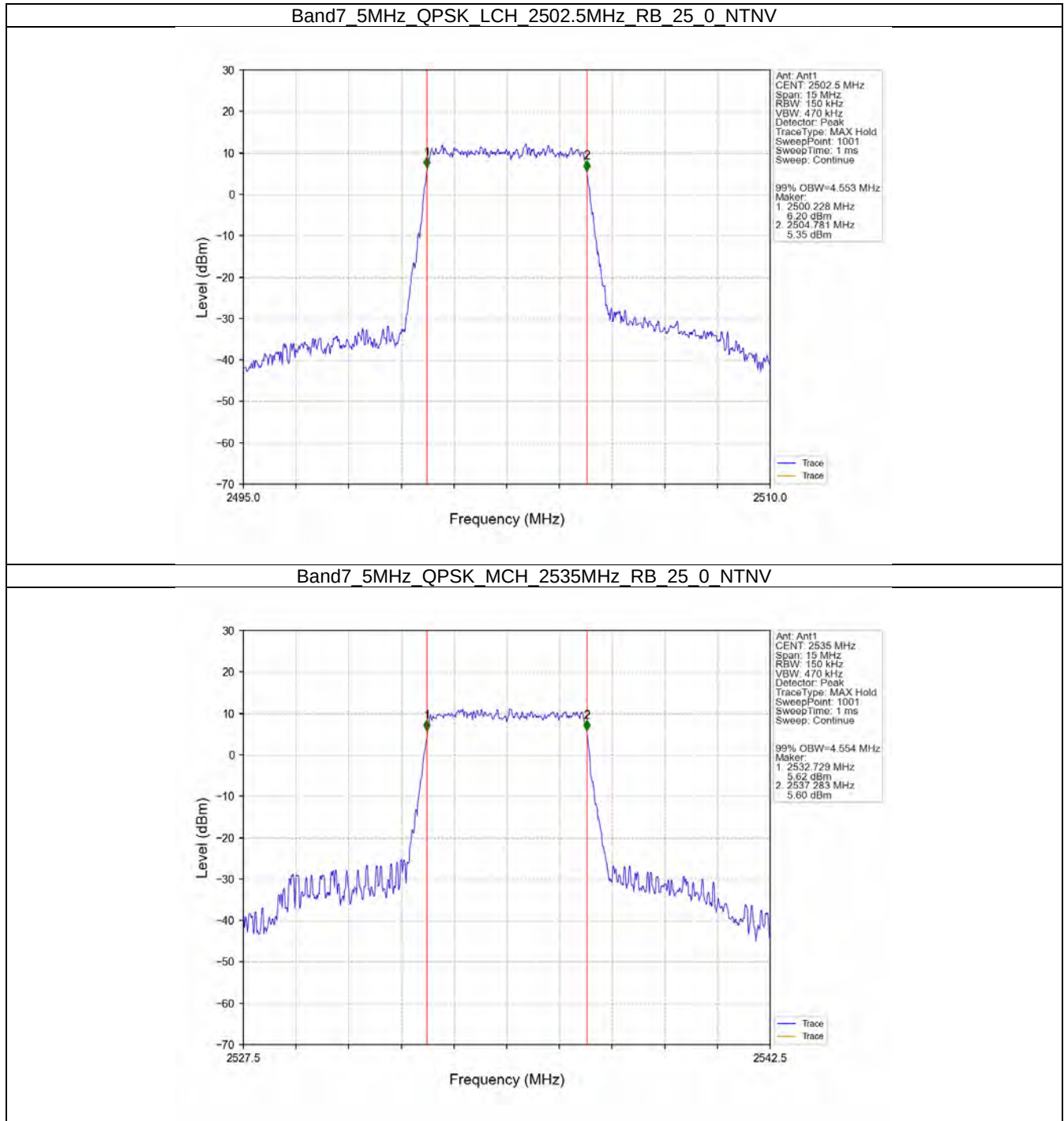
Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.129	/	Pass
		2535	25	0	5.205	/	Pass
		2567.5	25	0	5.216	/	Pass
	16QAM	2502.5	25	0	5.166	/	Pass
		2535	25	0	5.208	/	Pass
		2567.5	25	0	5.208	/	Pass
10	QPSK	2505	50	0	9.975	/	Pass
		2535	50	0	10.002	/	Pass



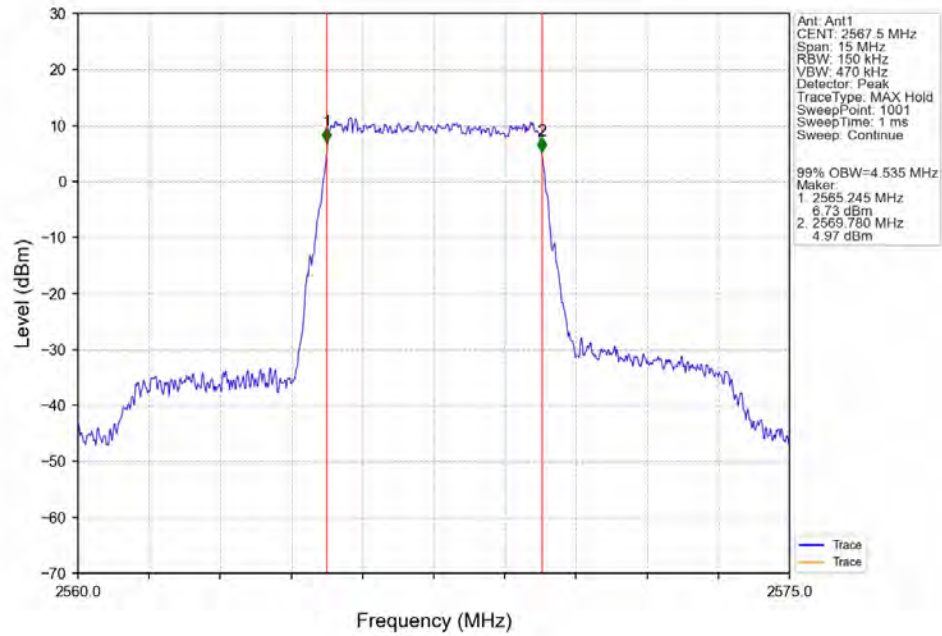
	16QAM	2565	50	0	9.947	/	Pass
		2505	27	0	9.334	/	Pass
		2535	27	0	8.853	/	Pass
		2565	27	23	9.702	/	Pass
15	QPSK	2507.5	75	0	15.276	/	Pass
		2535	75	0	15.353	/	Pass
		2562.5	75	0	15.319	/	Pass
	16QAM	2507.5	27	0	9.889	/	Pass
		2535	27	0	9.054	/	Pass
		2562.5	27	48	14.819	/	Pass
20	QPSK	2510	100	0	19.816	/	Pass
		2535	100	0	19.822	/	Pass
		2560	100	0	19.869	/	Pass
	16QAM	2510	27	0	12.485	/	Pass
		2535	27	0	11.867	/	Pass
		2560	27	73	19.615	/	Pass

3.2 Test Graph

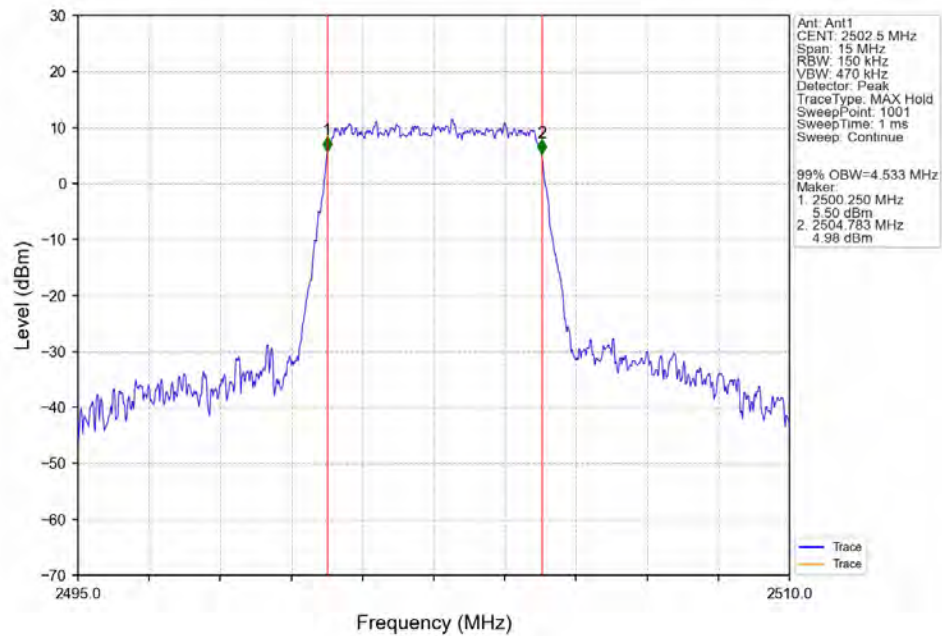
3.2.1 Band7_OBW



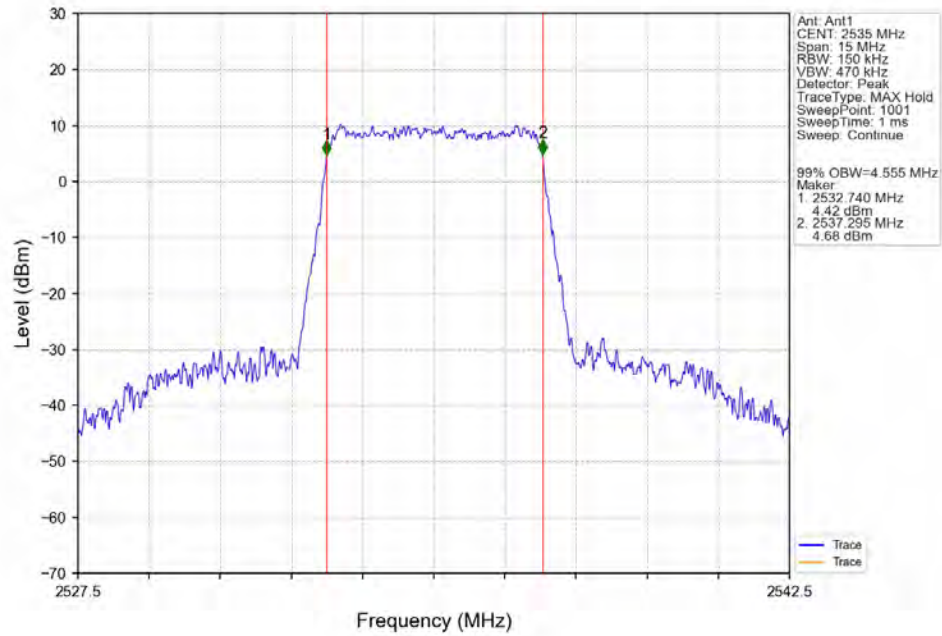
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



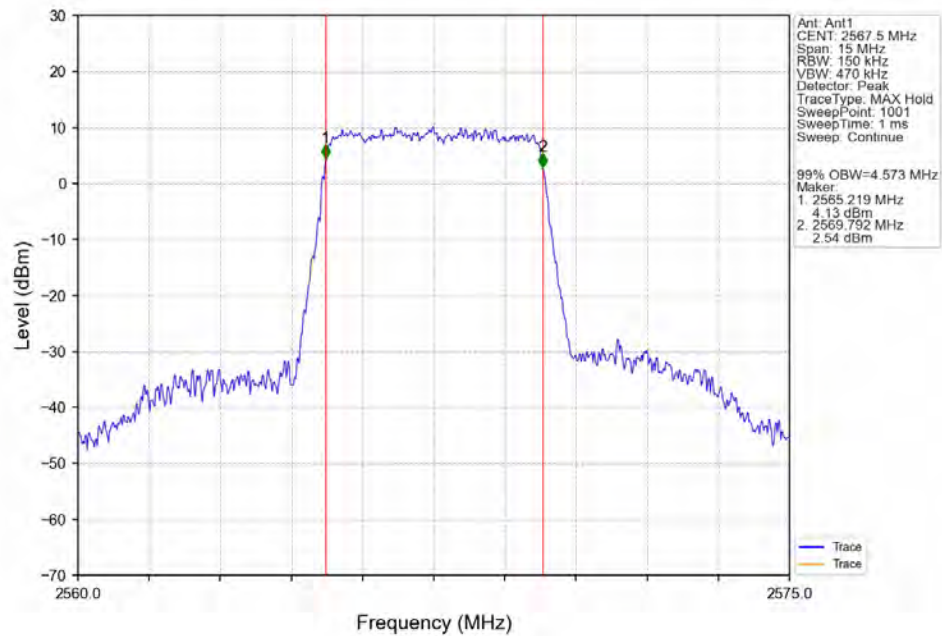
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



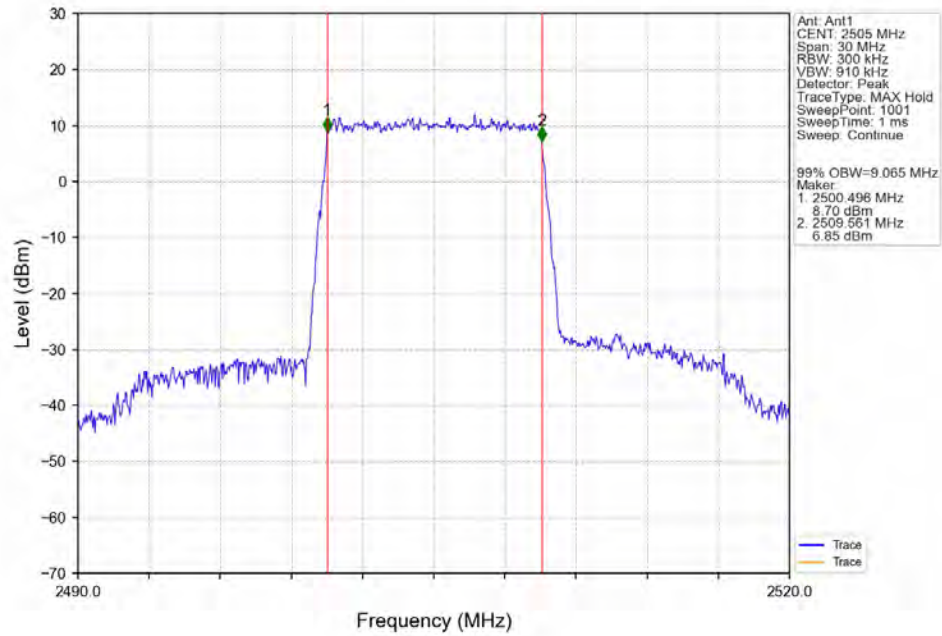
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



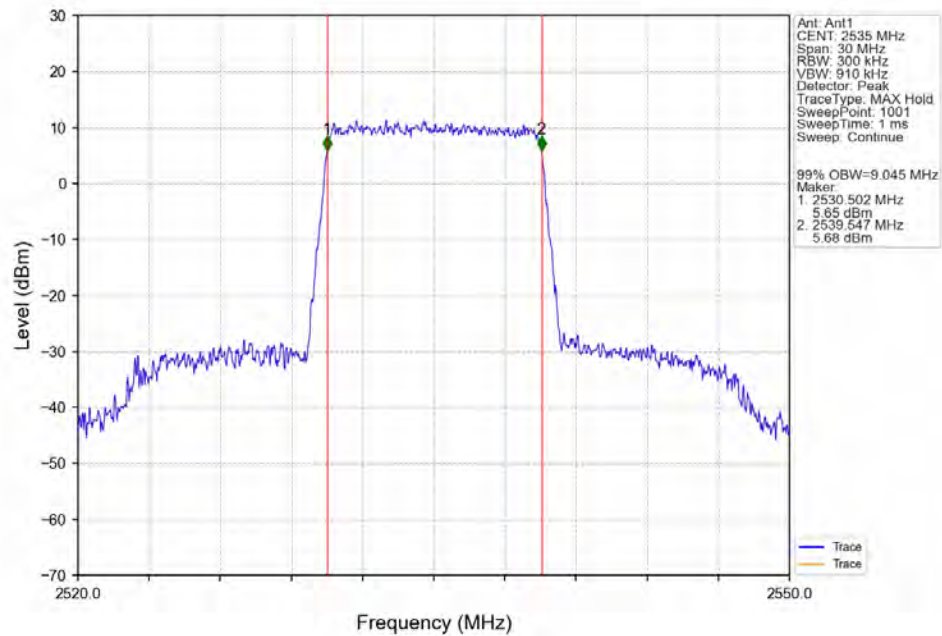
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



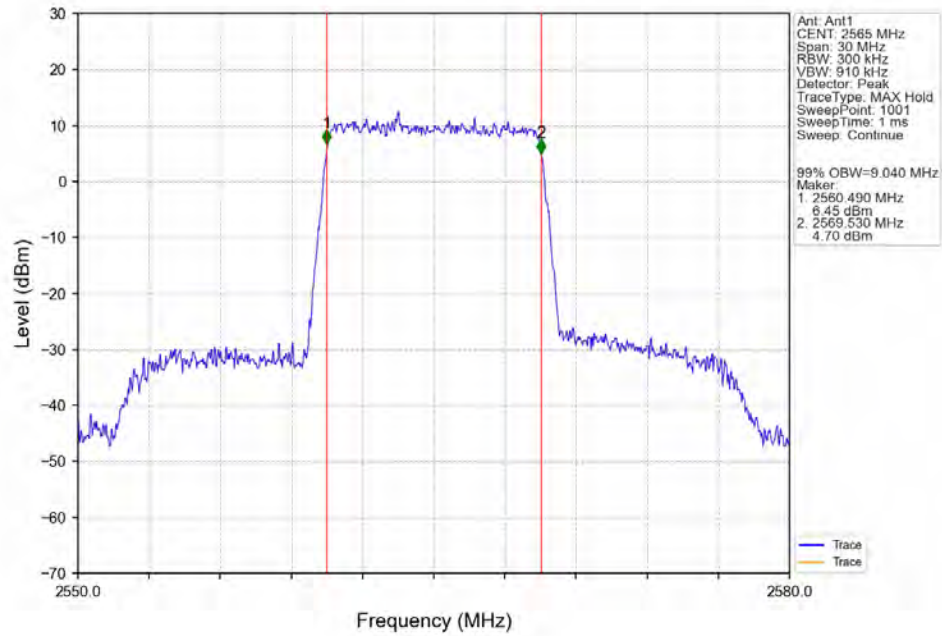
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



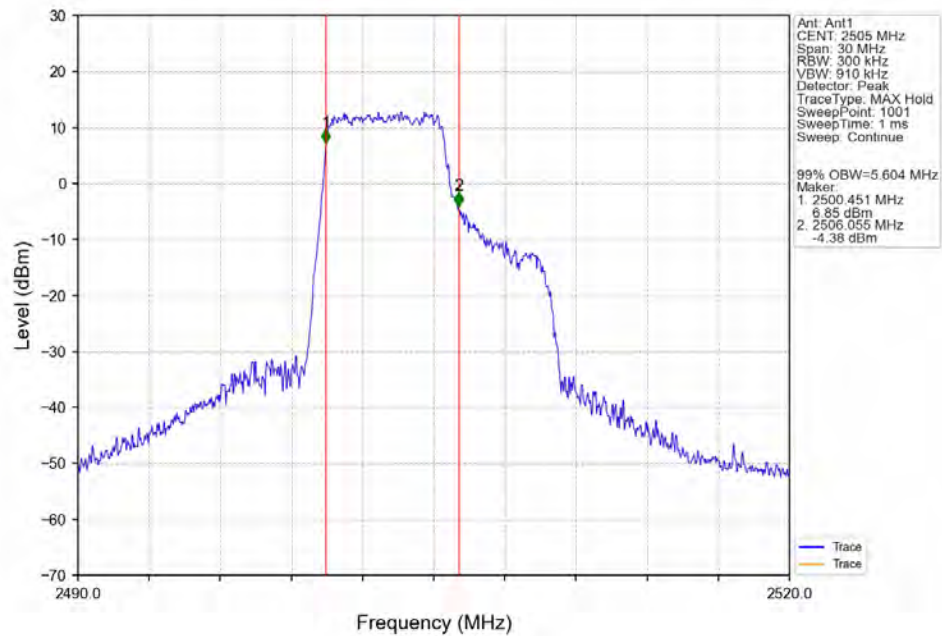
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



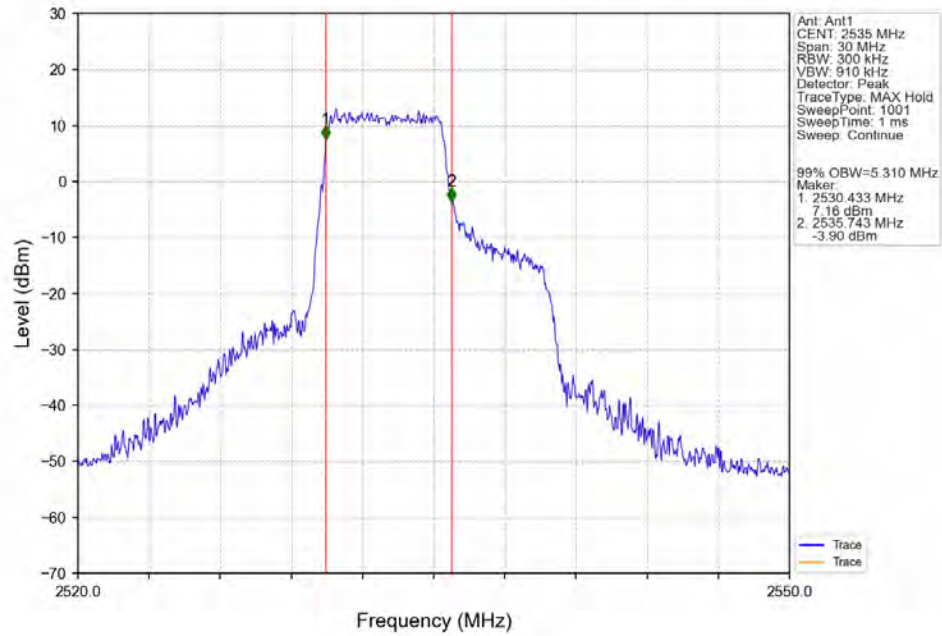
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



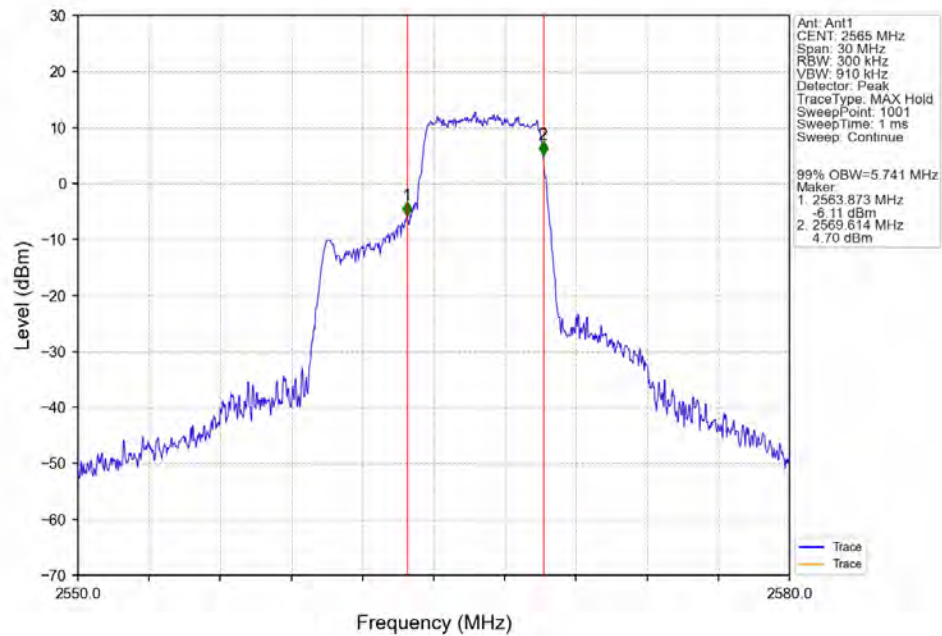
Band7_10MHz_16QAM_LCH_2505MHz_RB_27_0_NTNV



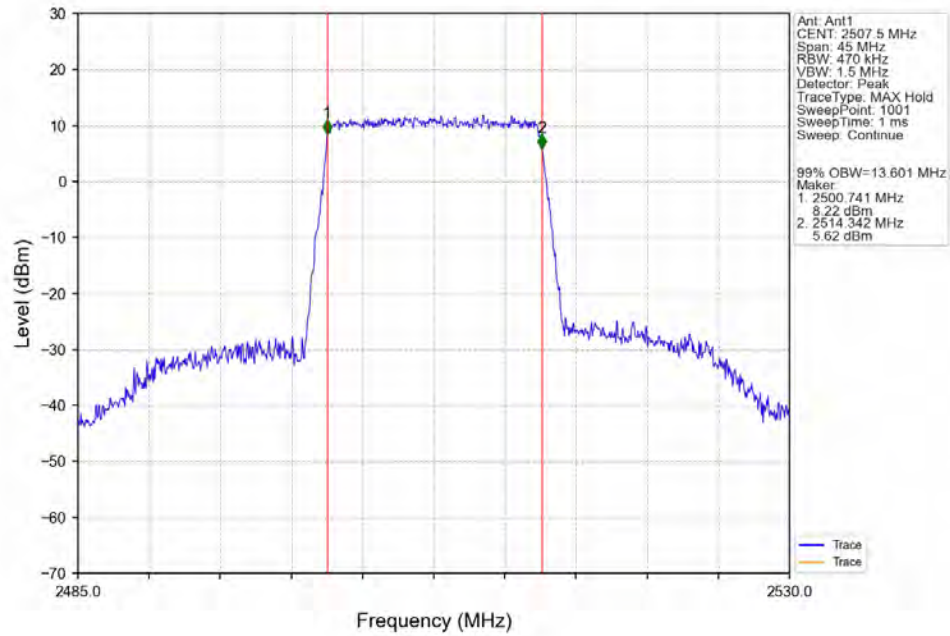
Band7_10MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



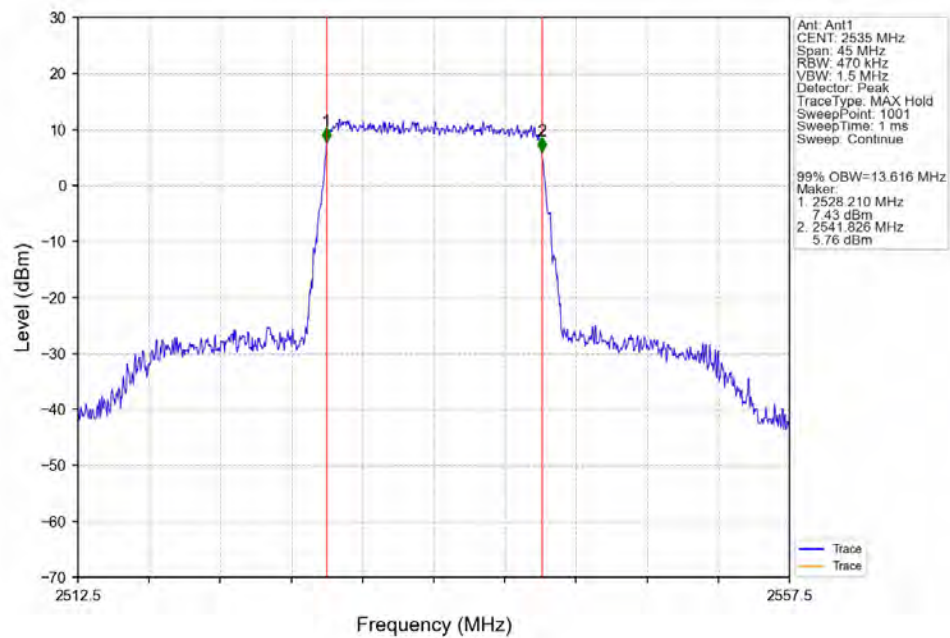
Band7_10MHz_16QAM_HCH_2565MHz_RB_27_23_NTNV



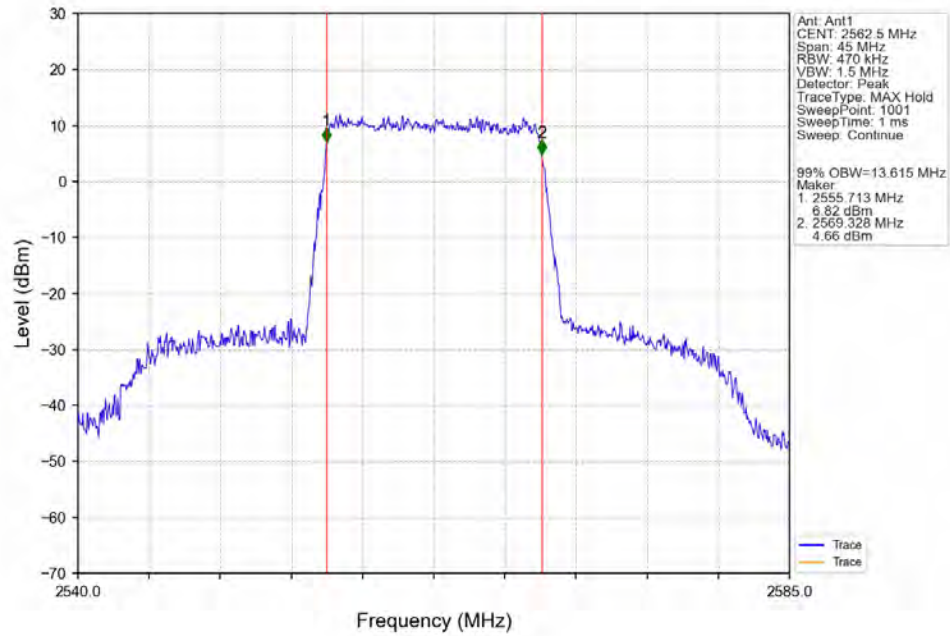
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



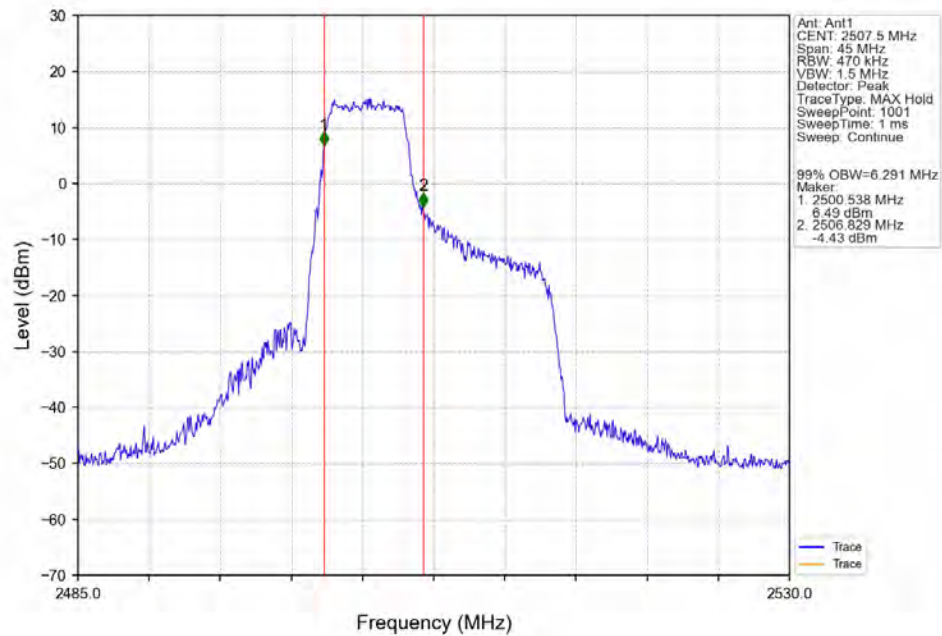
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



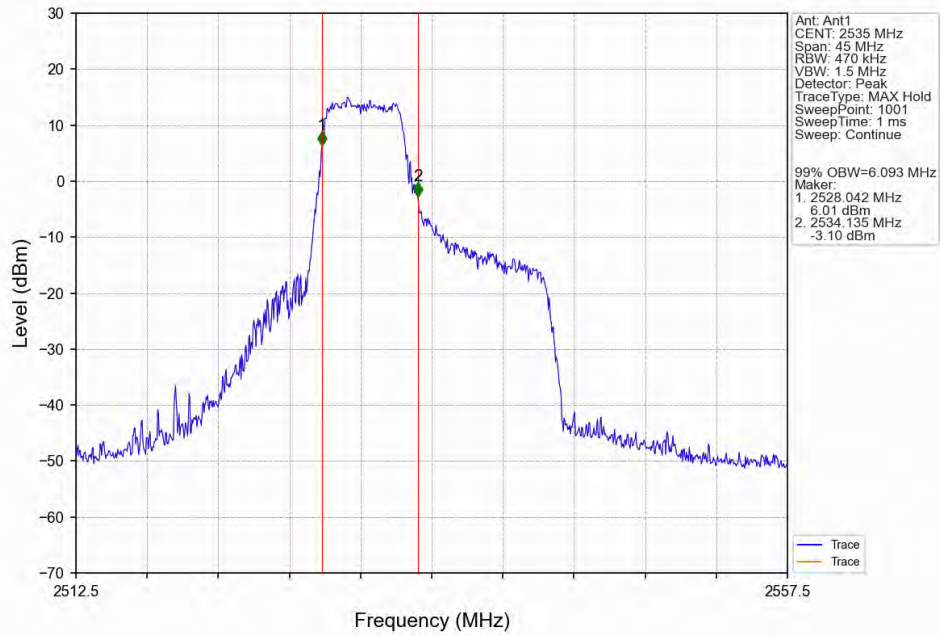
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



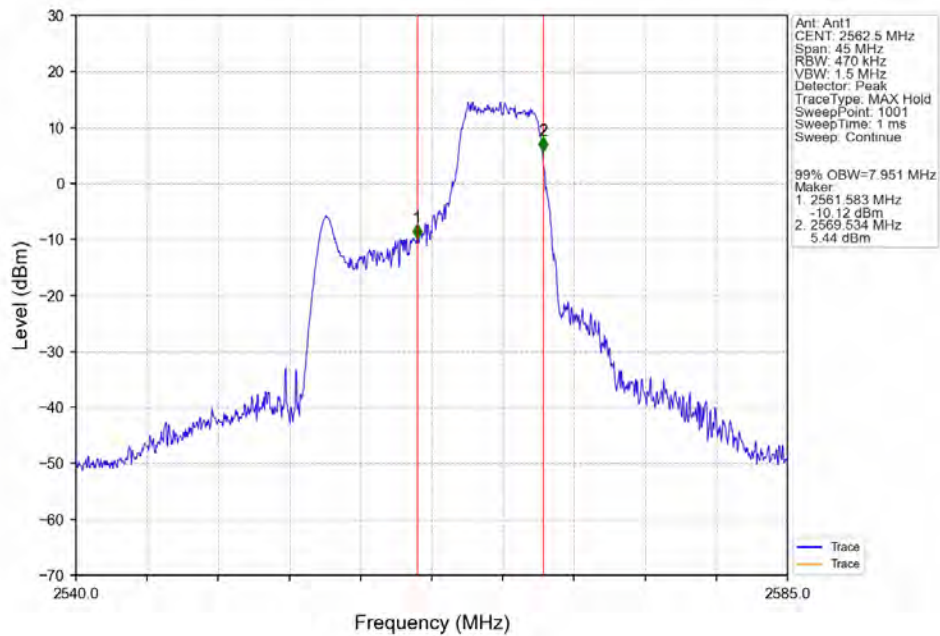
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_27_0_NTNV



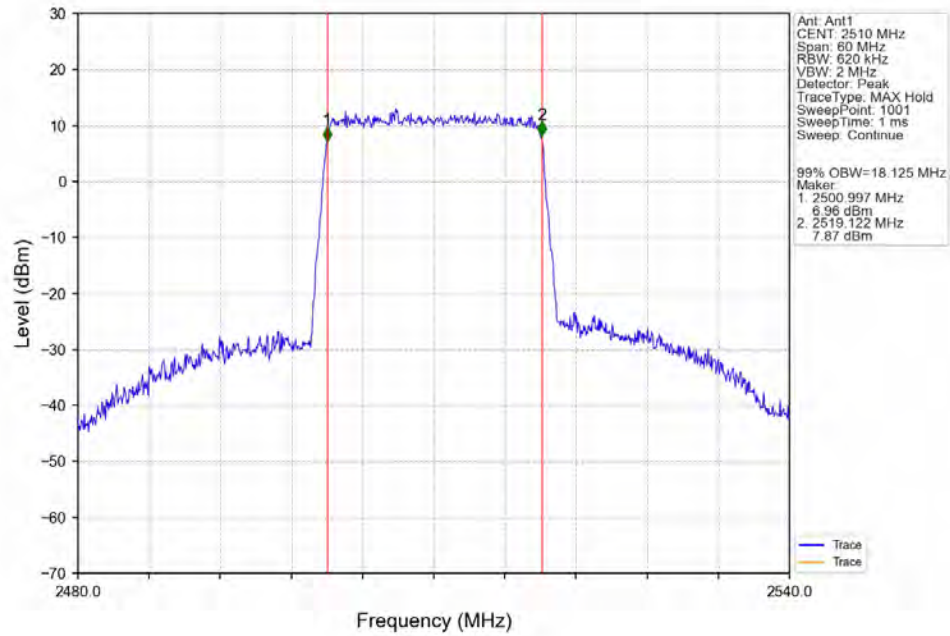
Band7_15MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



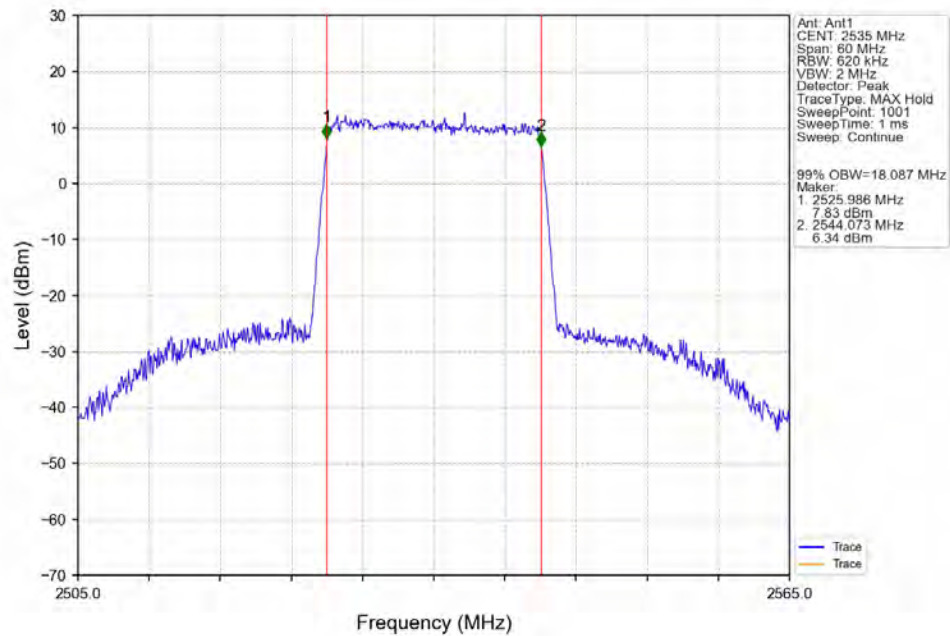
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_27_48_NTNV



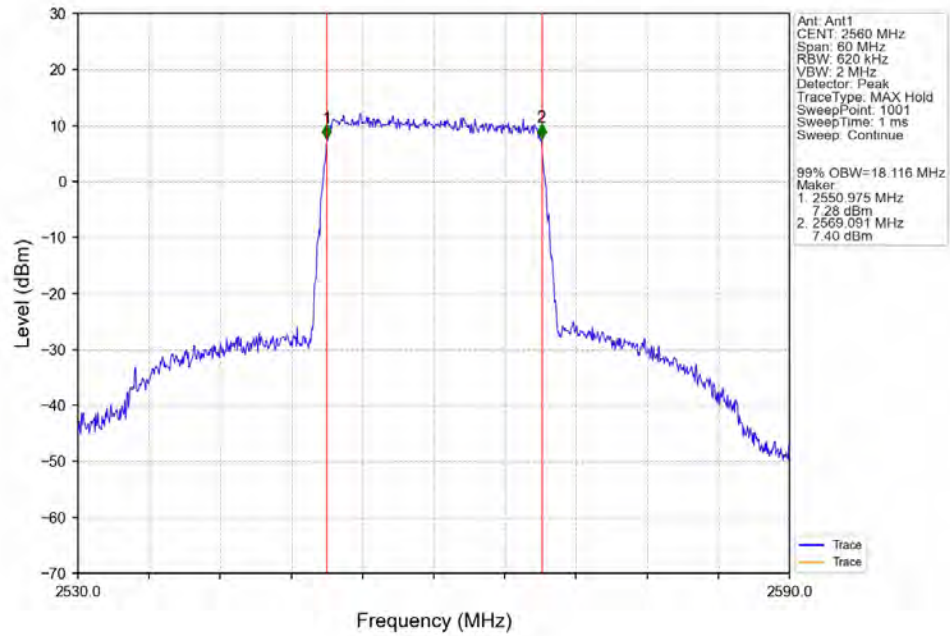
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



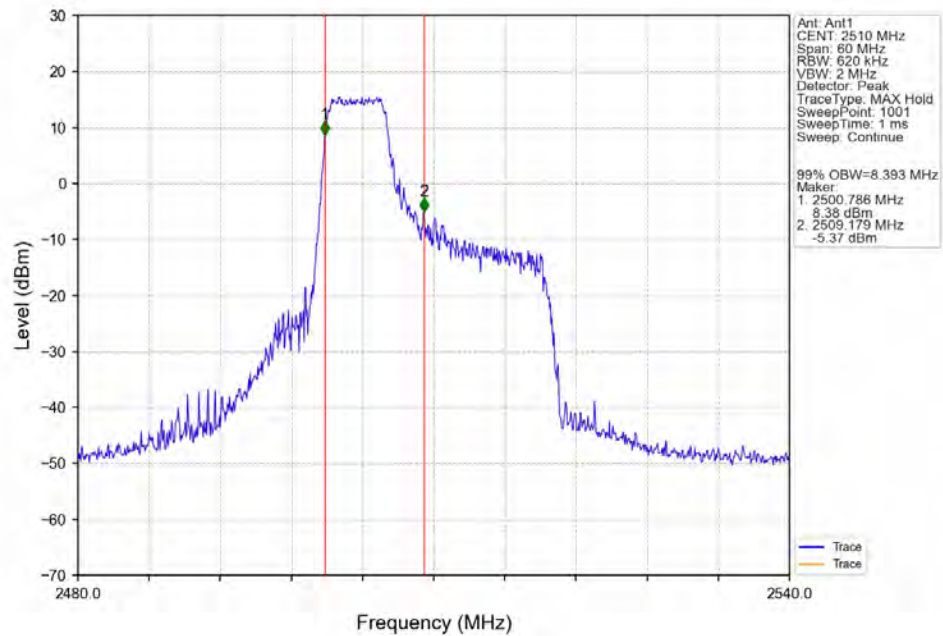
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



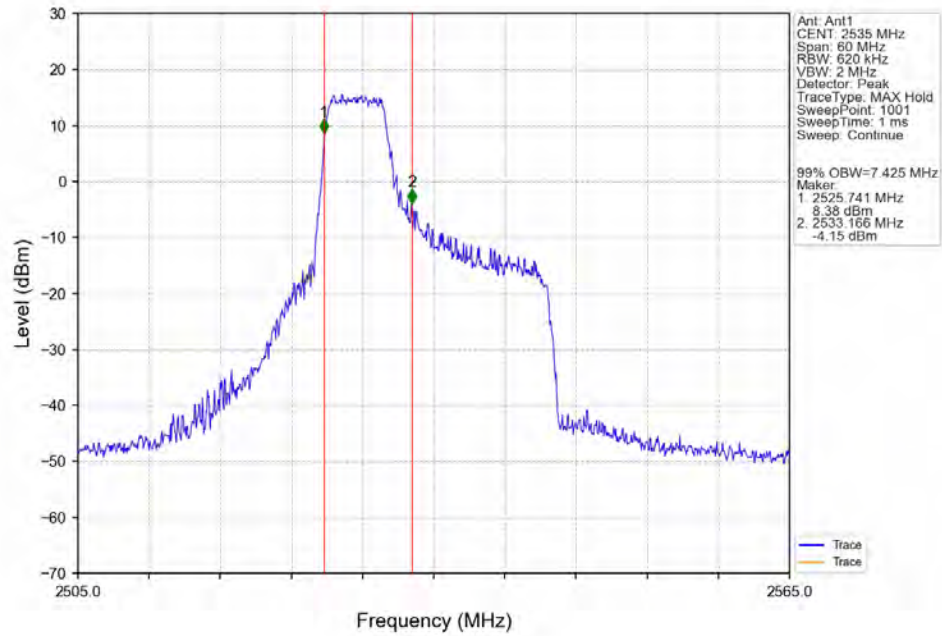
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



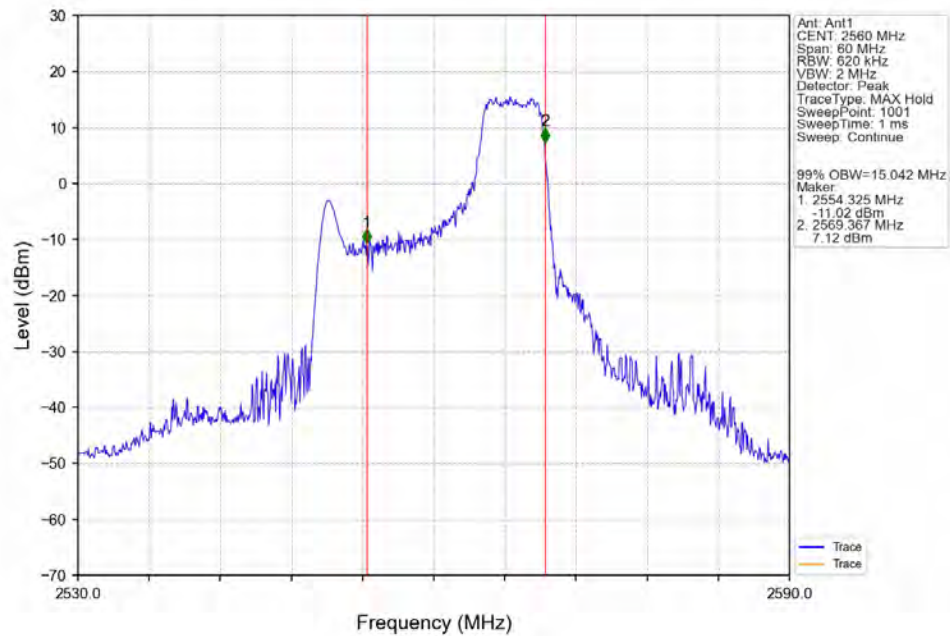
Band7_20MHz_16QAM_LCH_2510MHz_RB_27_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV

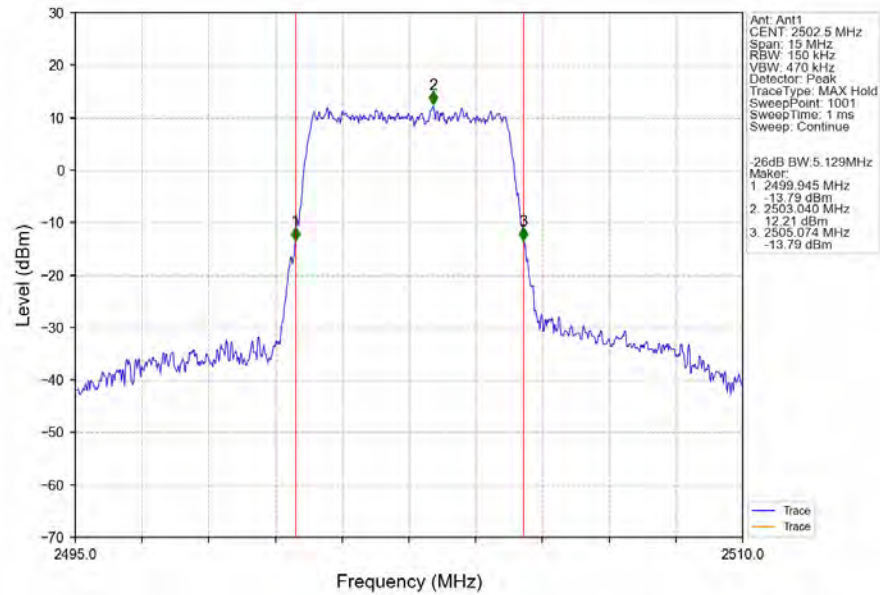


Band7_20MHz_16QAM_HCH_2560MHz_RB_27_73_NTNV

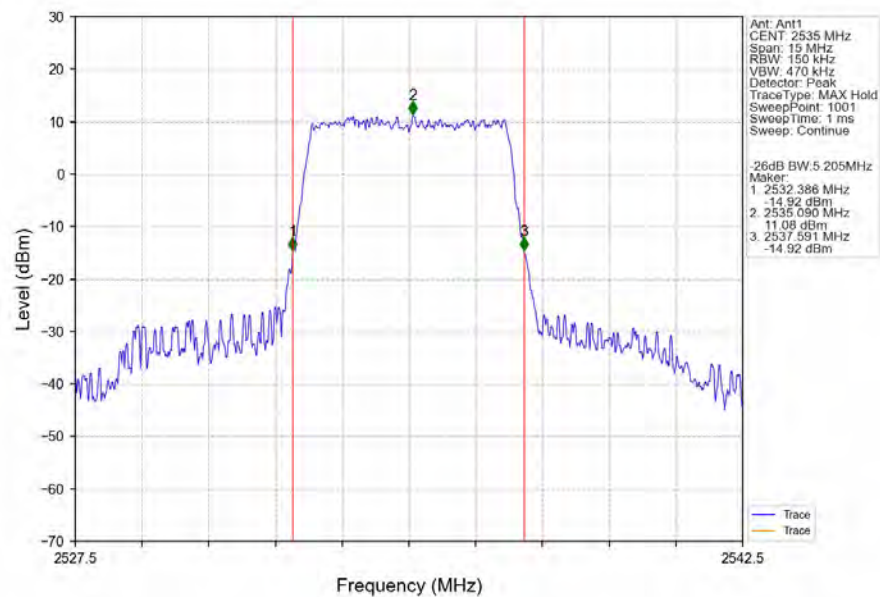


3.2.2 Band7_XDB

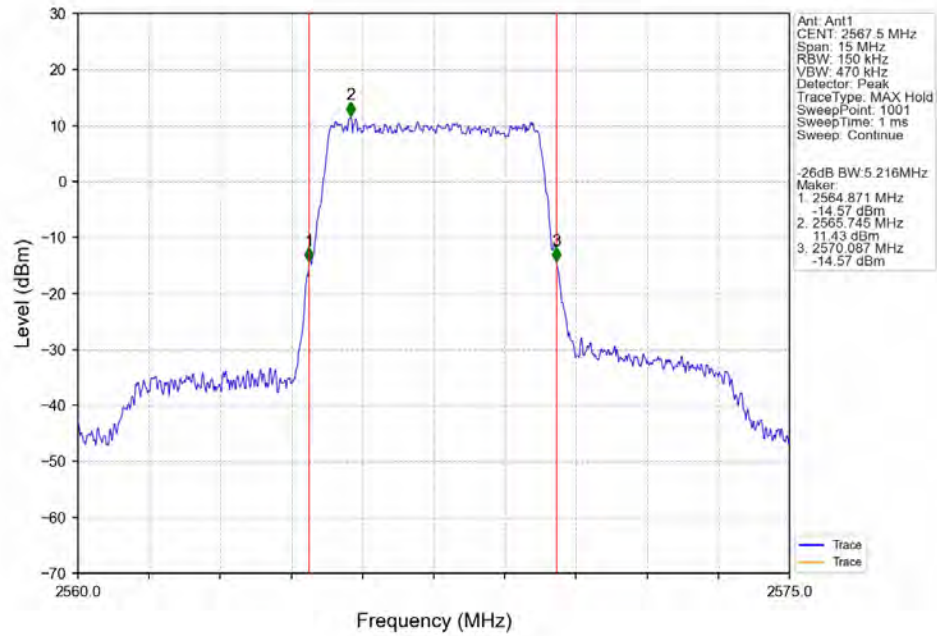
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



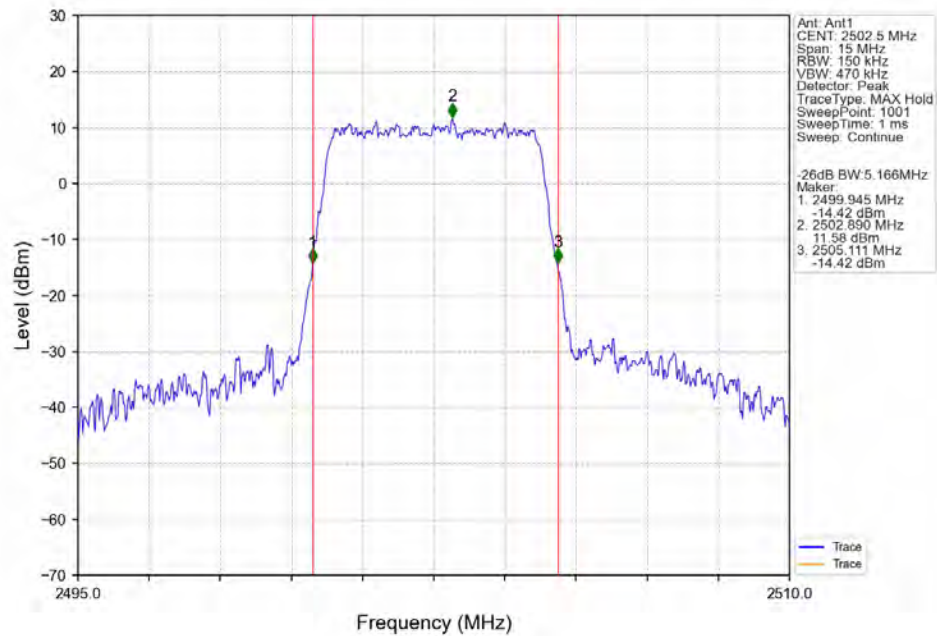
Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



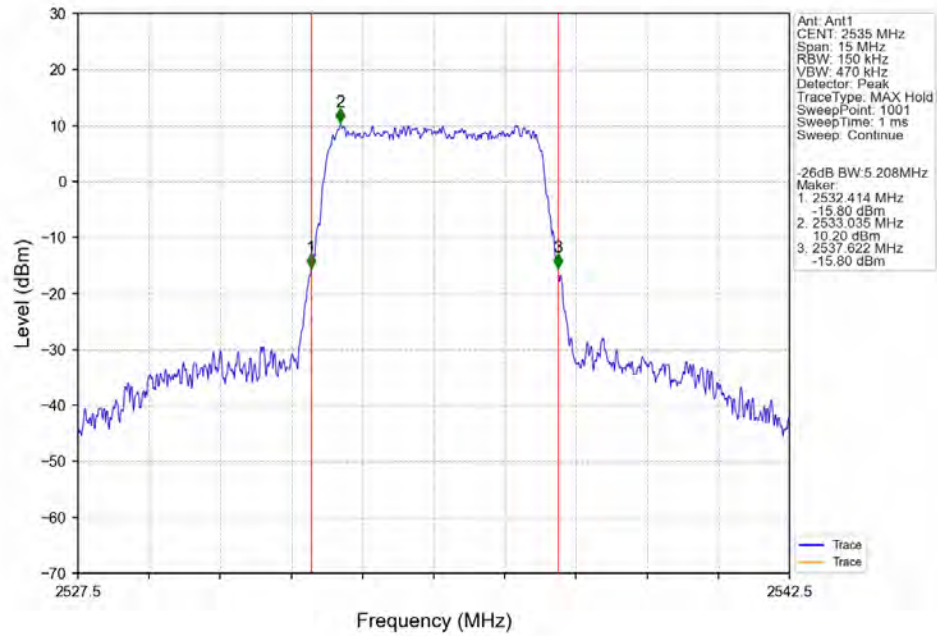
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



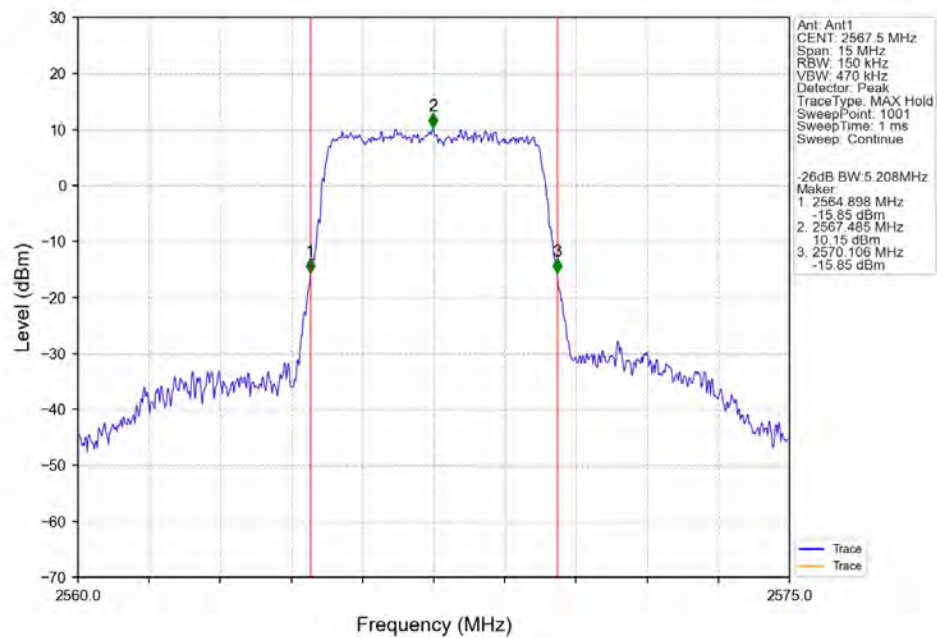
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



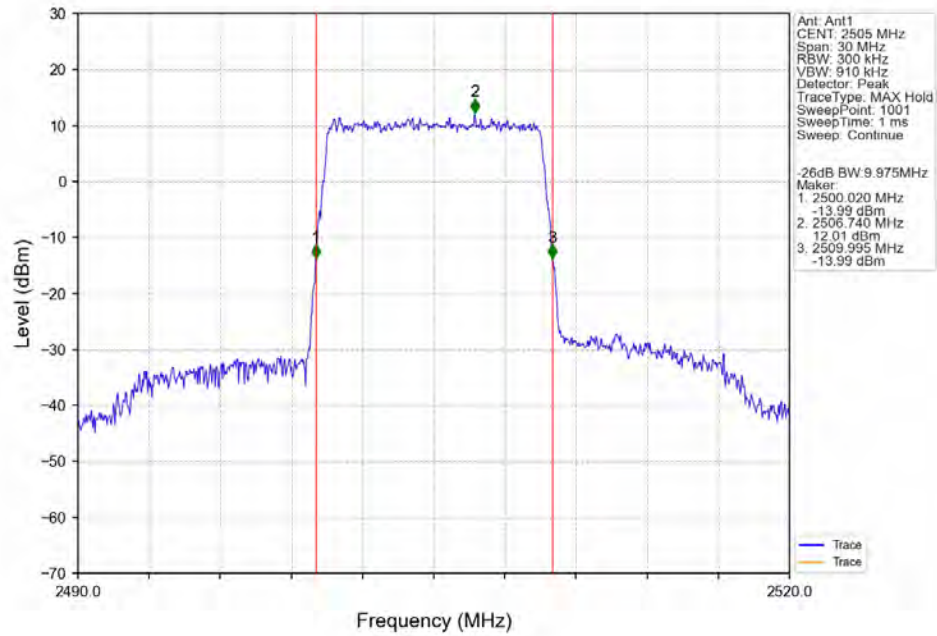
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



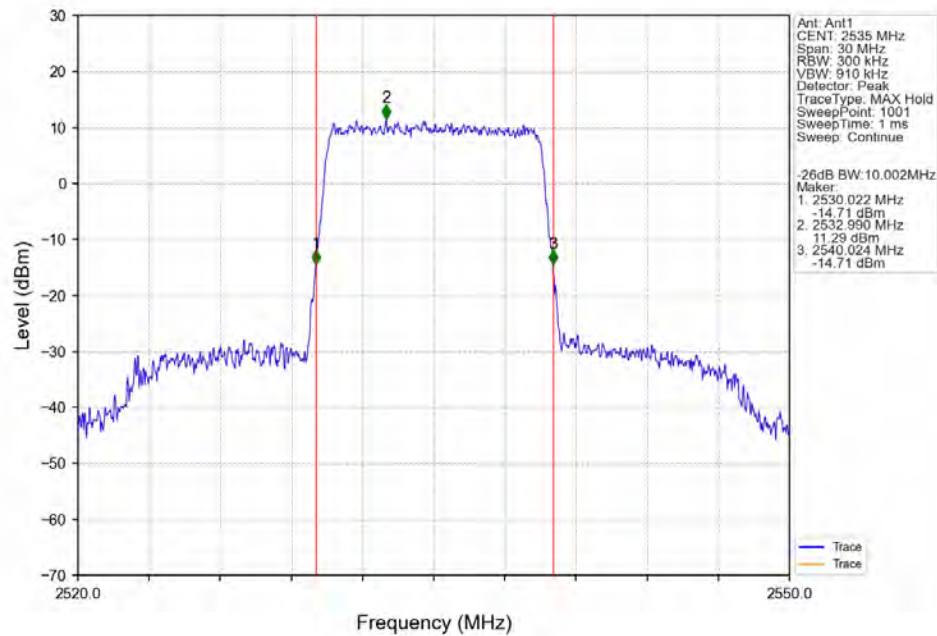
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



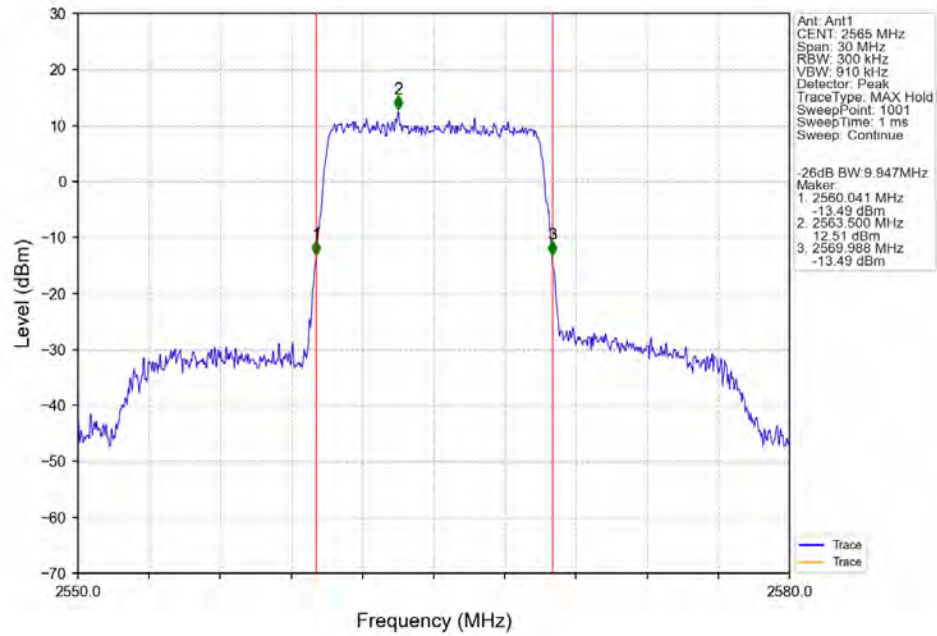
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



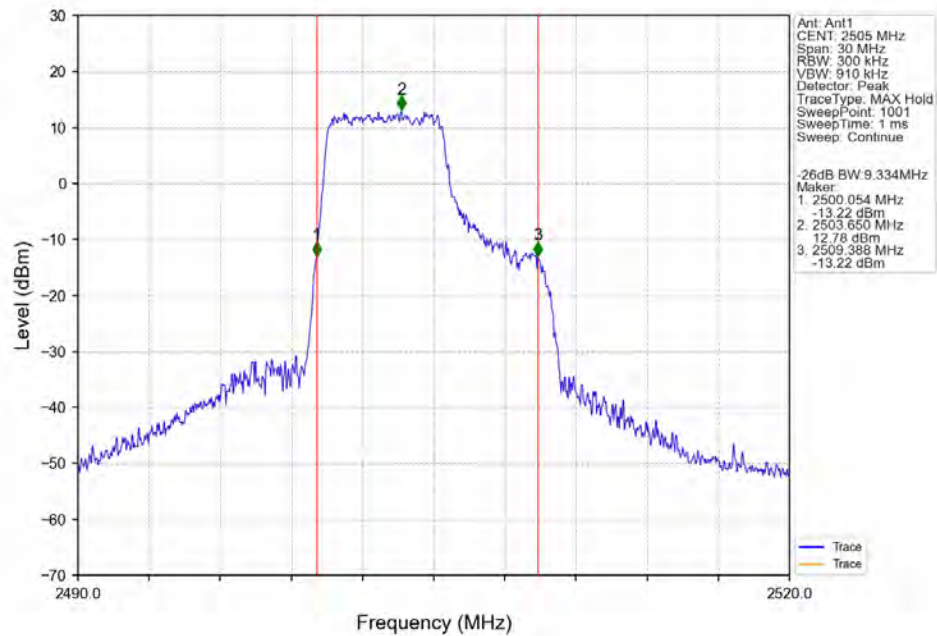
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



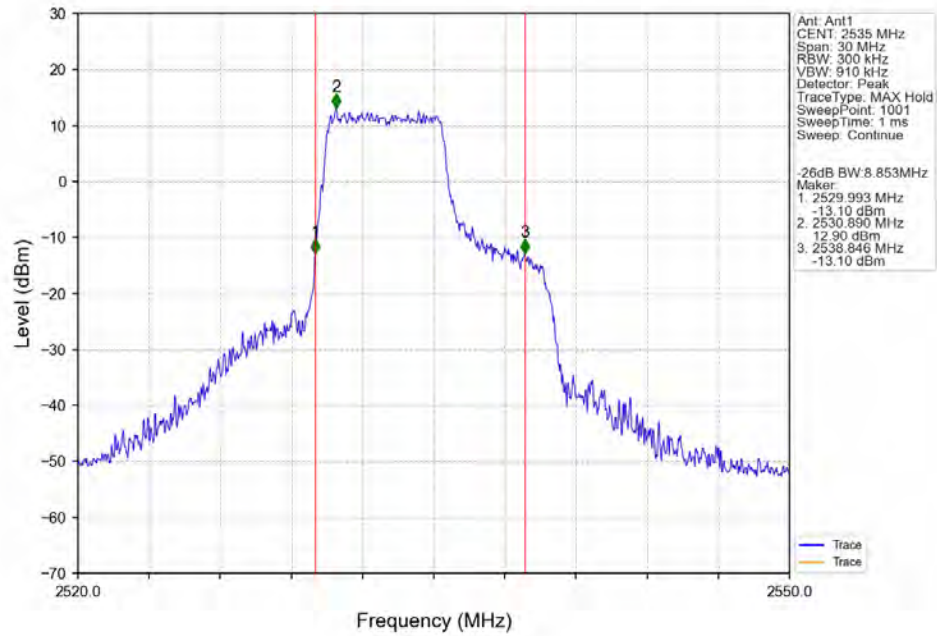
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



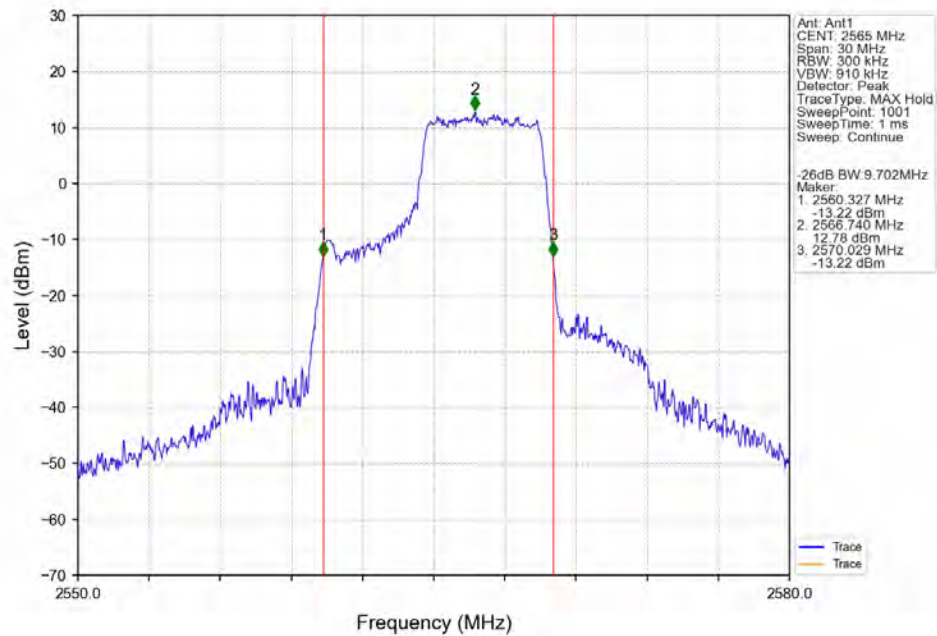
Band7_10MHz_16QAM_LCH_2505MHz_RB_27_0_NTNV



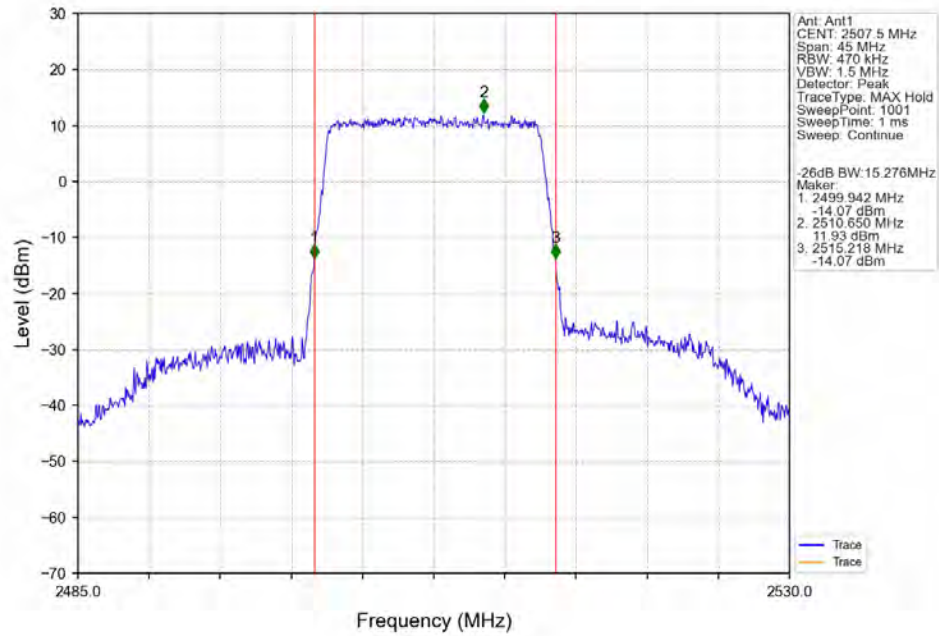
Band7_10MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



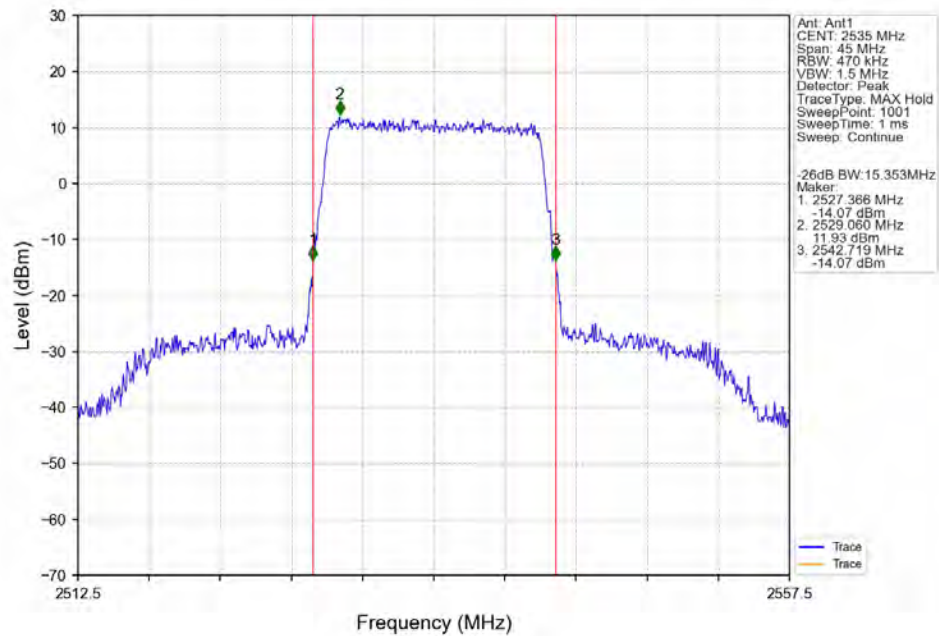
Band7_10MHz_16QAM_HCH_2565MHz_RB_27_23_NTNV



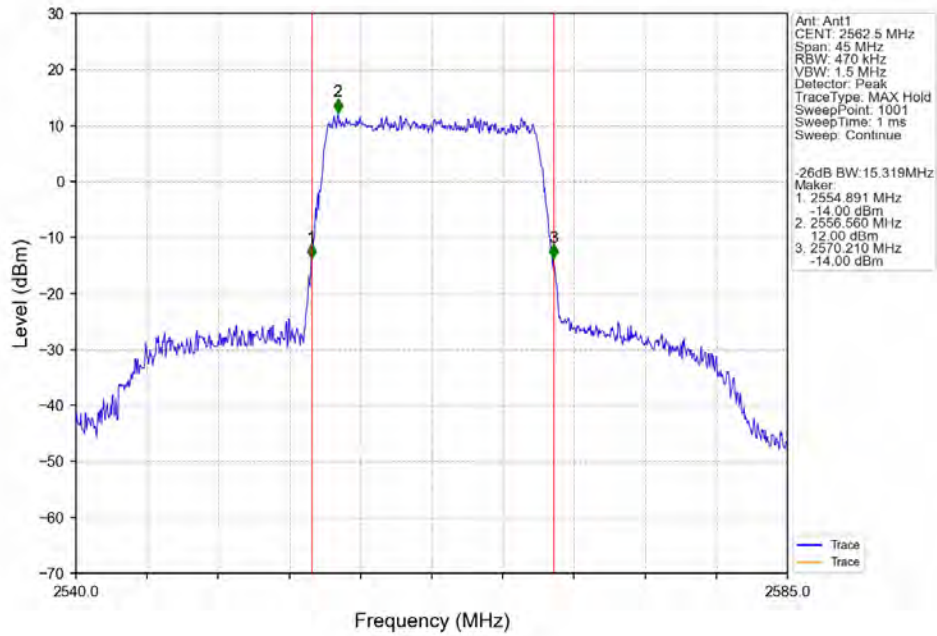
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



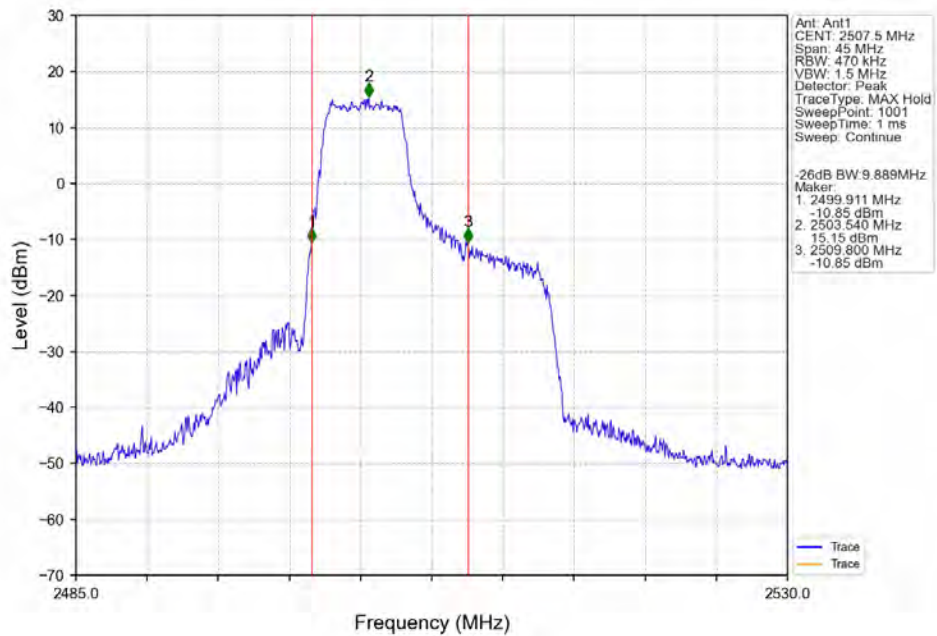
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



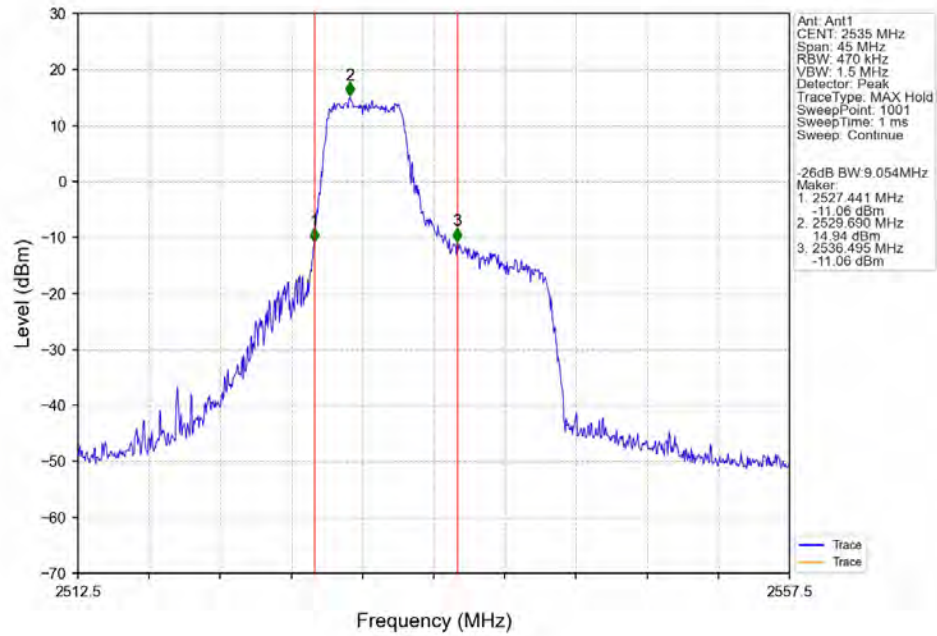
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



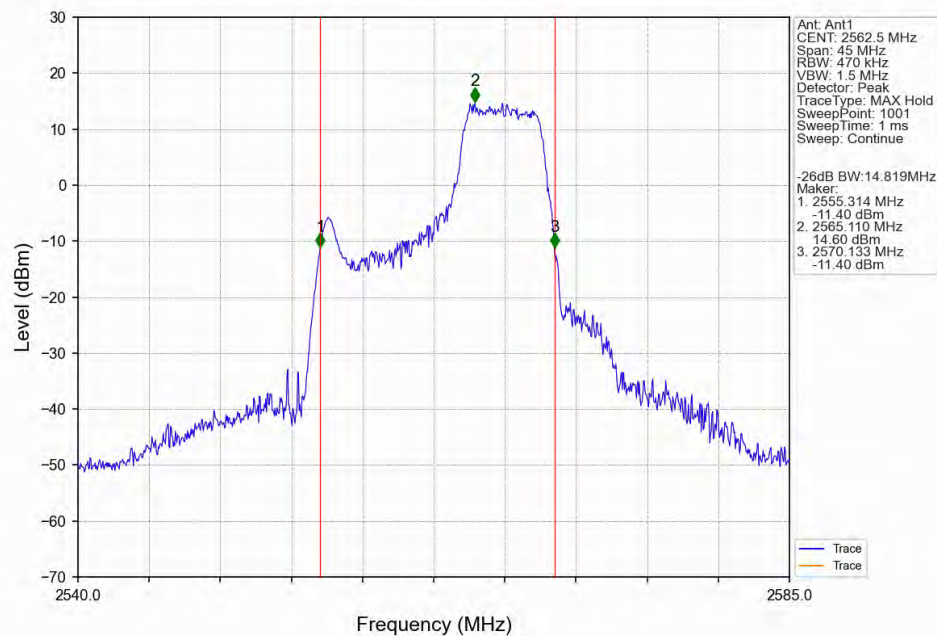
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_27_0_NTNV



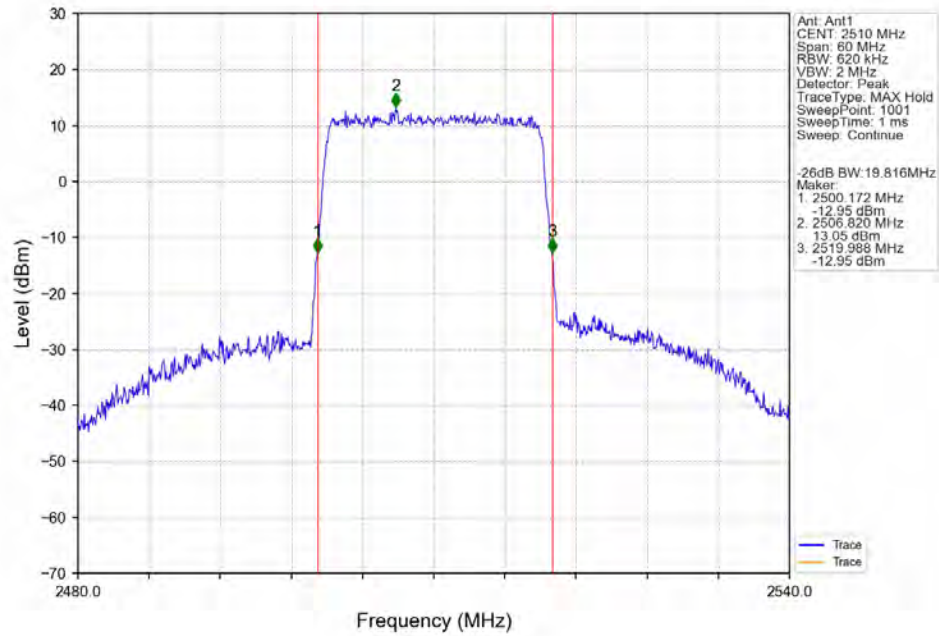
Band7_15MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



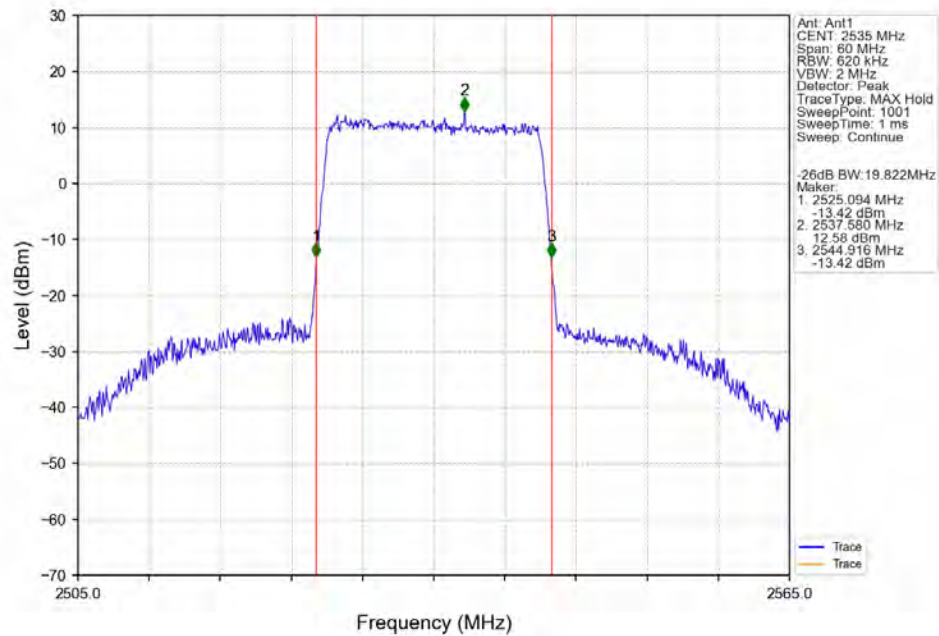
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_27_48_NTNV



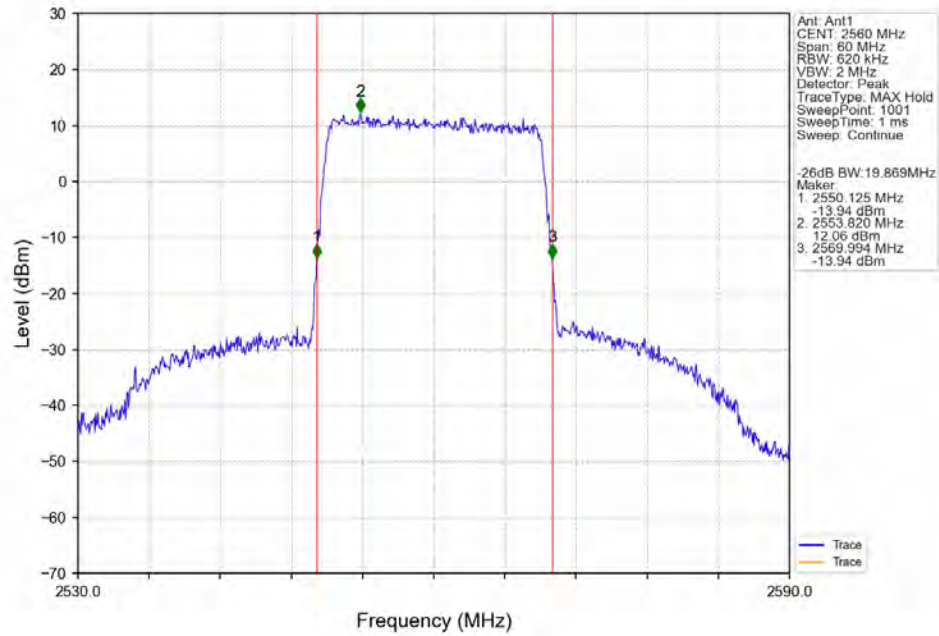
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



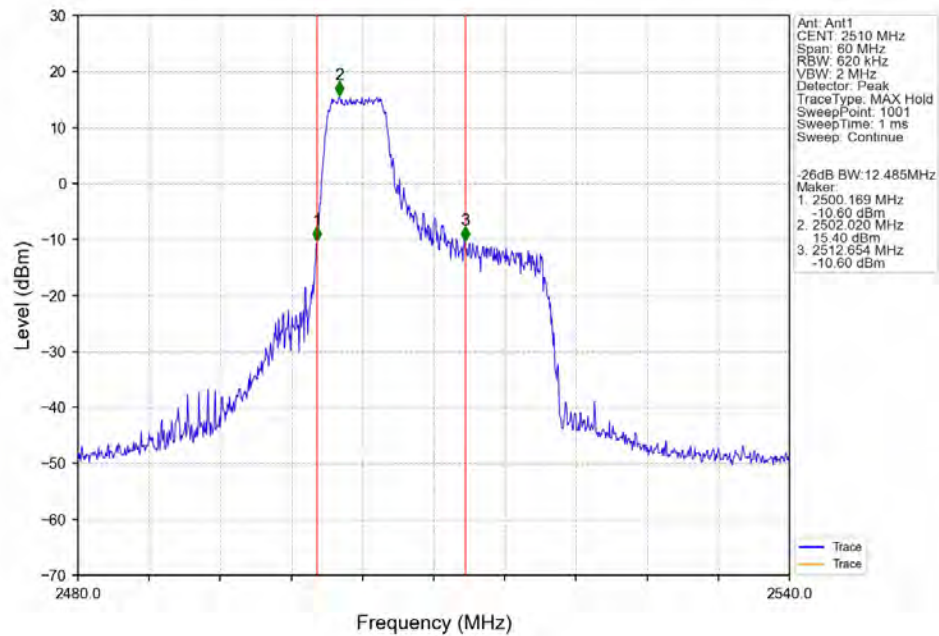
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



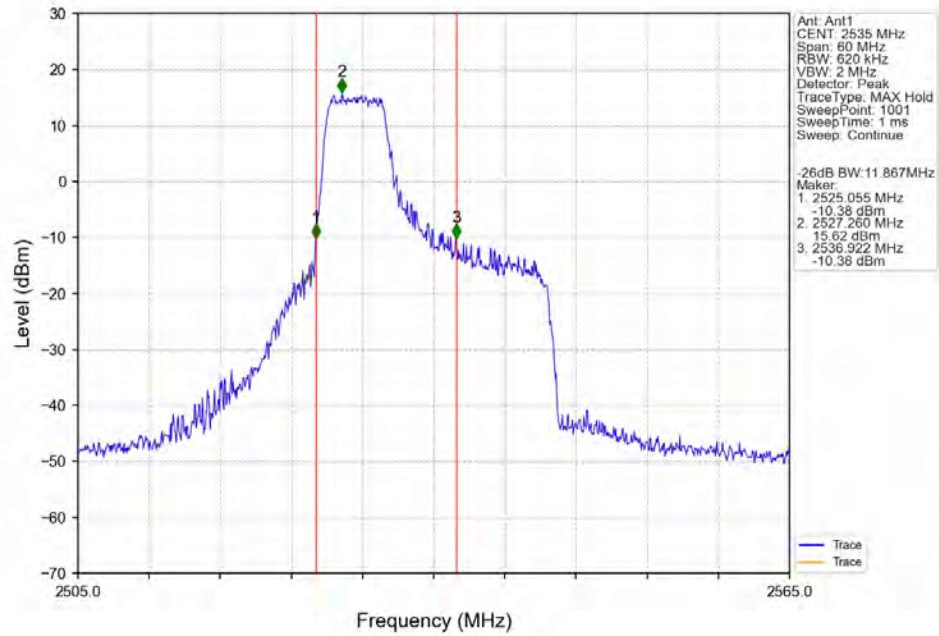
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



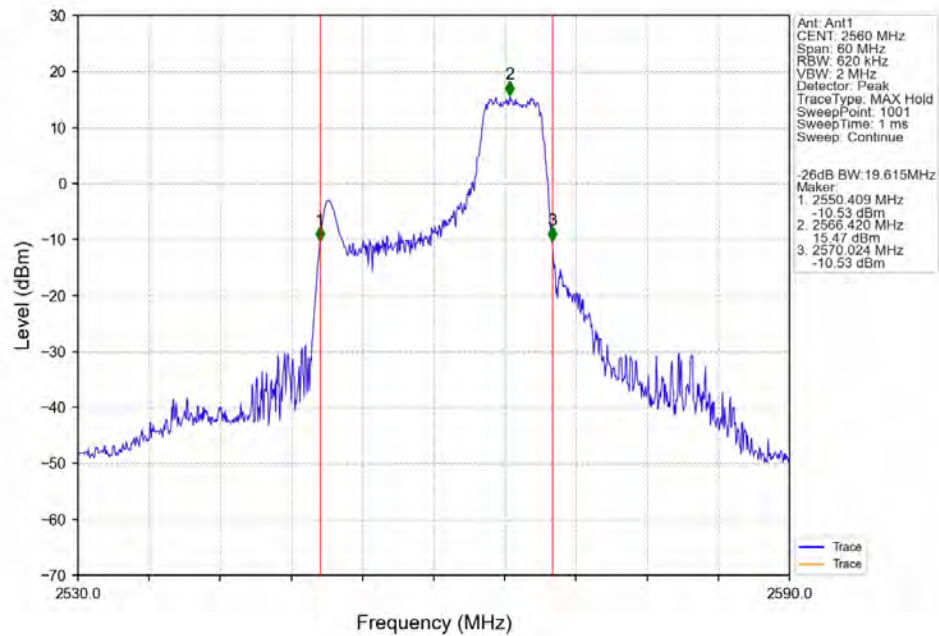
Band7_20MHz_16QAM_LCH_2510MHz_RB_27_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_27_73_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	25	0	5.63	<=13	Pass
	2535	25	0	5.51	<=13	Pass
	2567.5	25	0	5.57	<=13	Pass
16QAM	2502.5	25	0	6.30	<=13	Pass
	2535	25	0	6.22	<=13	Pass
	2567.5	25	0	6.32	<=13	Pass

4.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	50	0	5.55	<=13	Pass
	2535	50	0	5.44	<=13	Pass
	2565	50	0	5.49	<=13	Pass
16QAM	2505	27	0	6.23	<=13	Pass
	2535	27	0	6.06	<=13	Pass
	2565	27	23	6.18	<=13	Pass

4.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	5.74	<=13	Pass
	2535	75	0	5.72	<=13	Pass
	2562.5	75	0	5.71	<=13	Pass
16QAM	2507.5	27	0	6.17	<=13	Pass
	2535	27	0	5.93	<=13	Pass
	2562.5	27	48	6.15	<=13	Pass

4.1.4 B7_20MHz

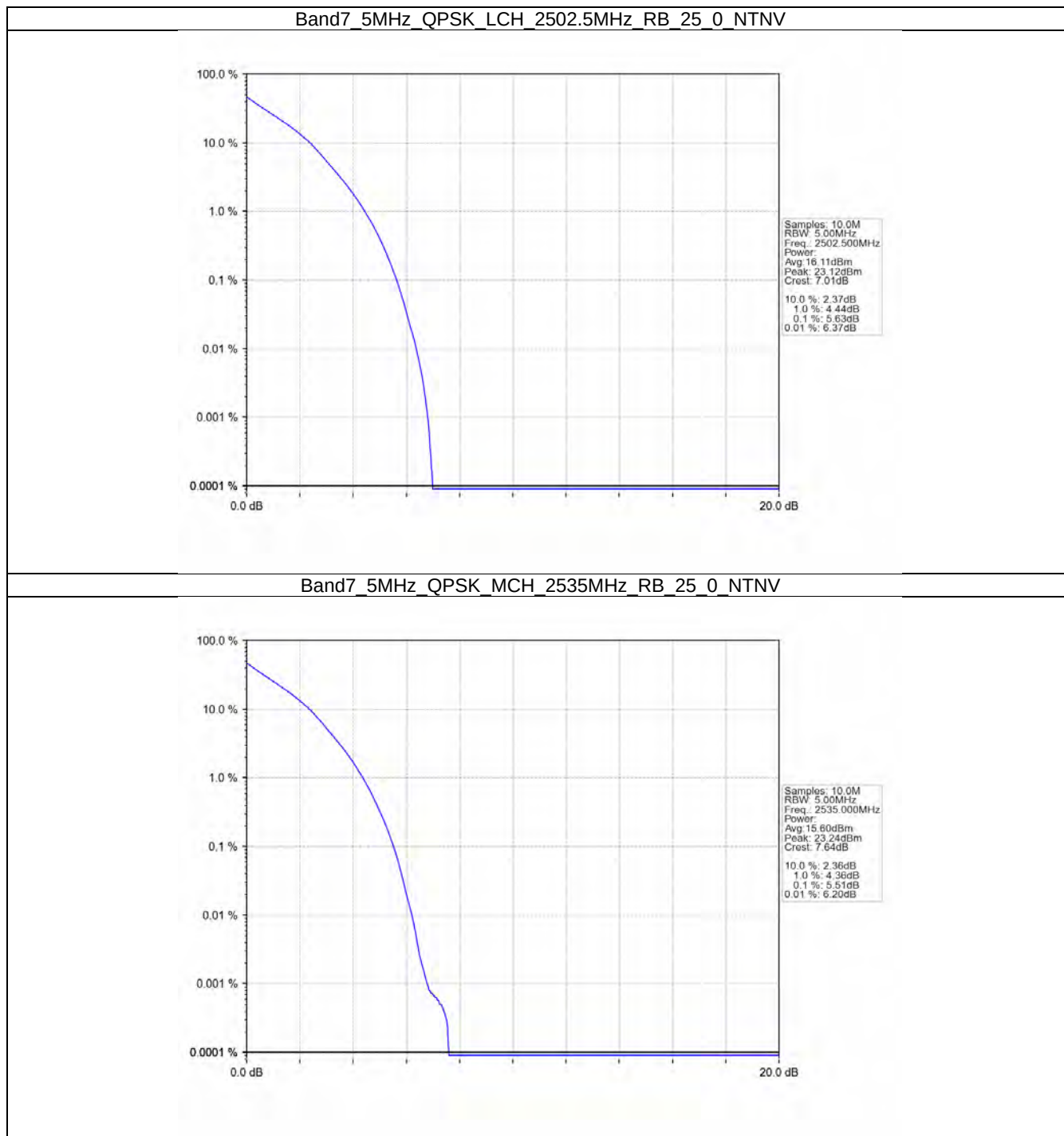
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.30	<=13	Pass
	2535	100	0	5.43	<=13	Pass



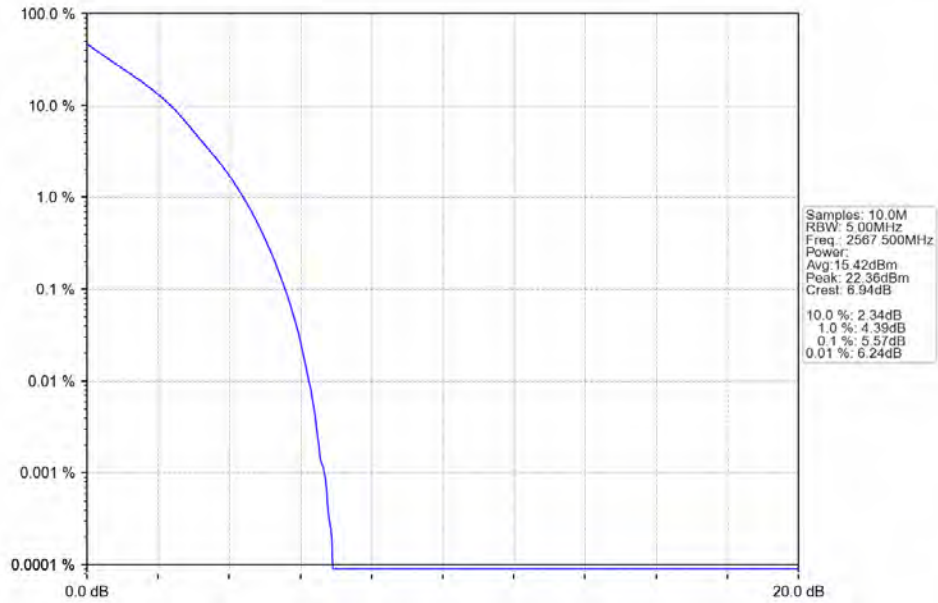
	2560	100	0	5.48	<=13	Pass
16QAM	2510	27	0	6.25	<=13	Pass
	2535	27	0	5.84	<=13	Pass
	2560	27	73	6.23	<=13	Pass

4.2 Test Graph

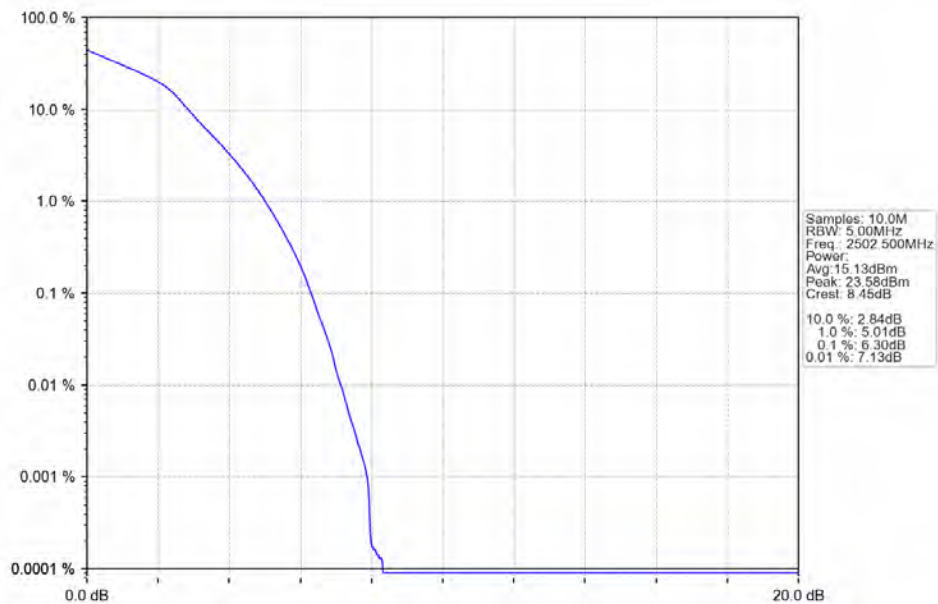
4.2.1 B7_5MHz



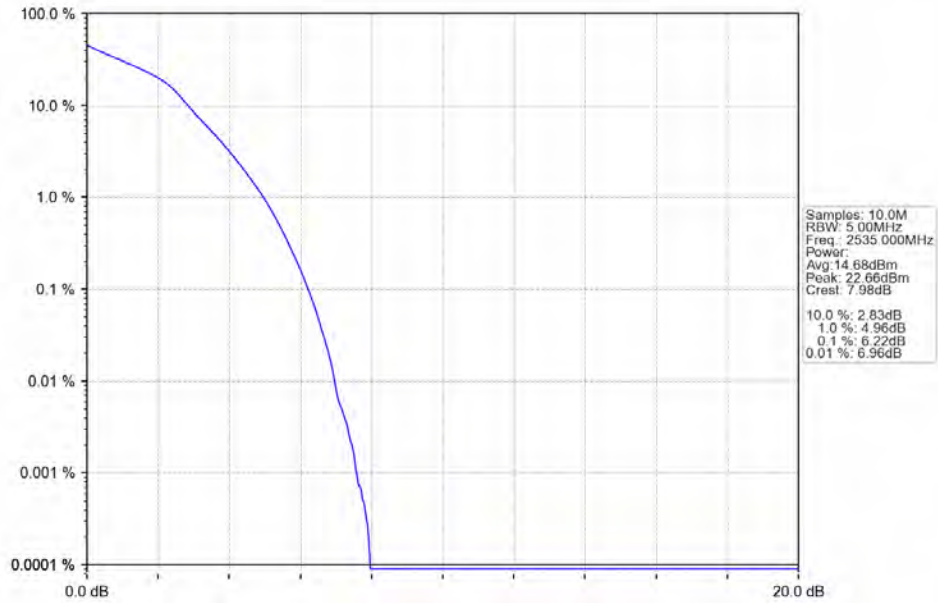
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



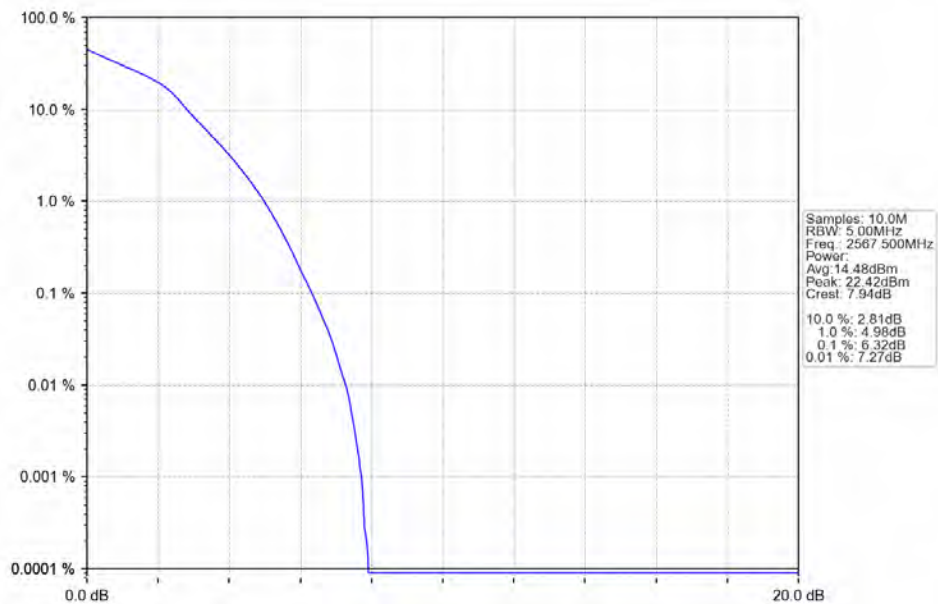
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



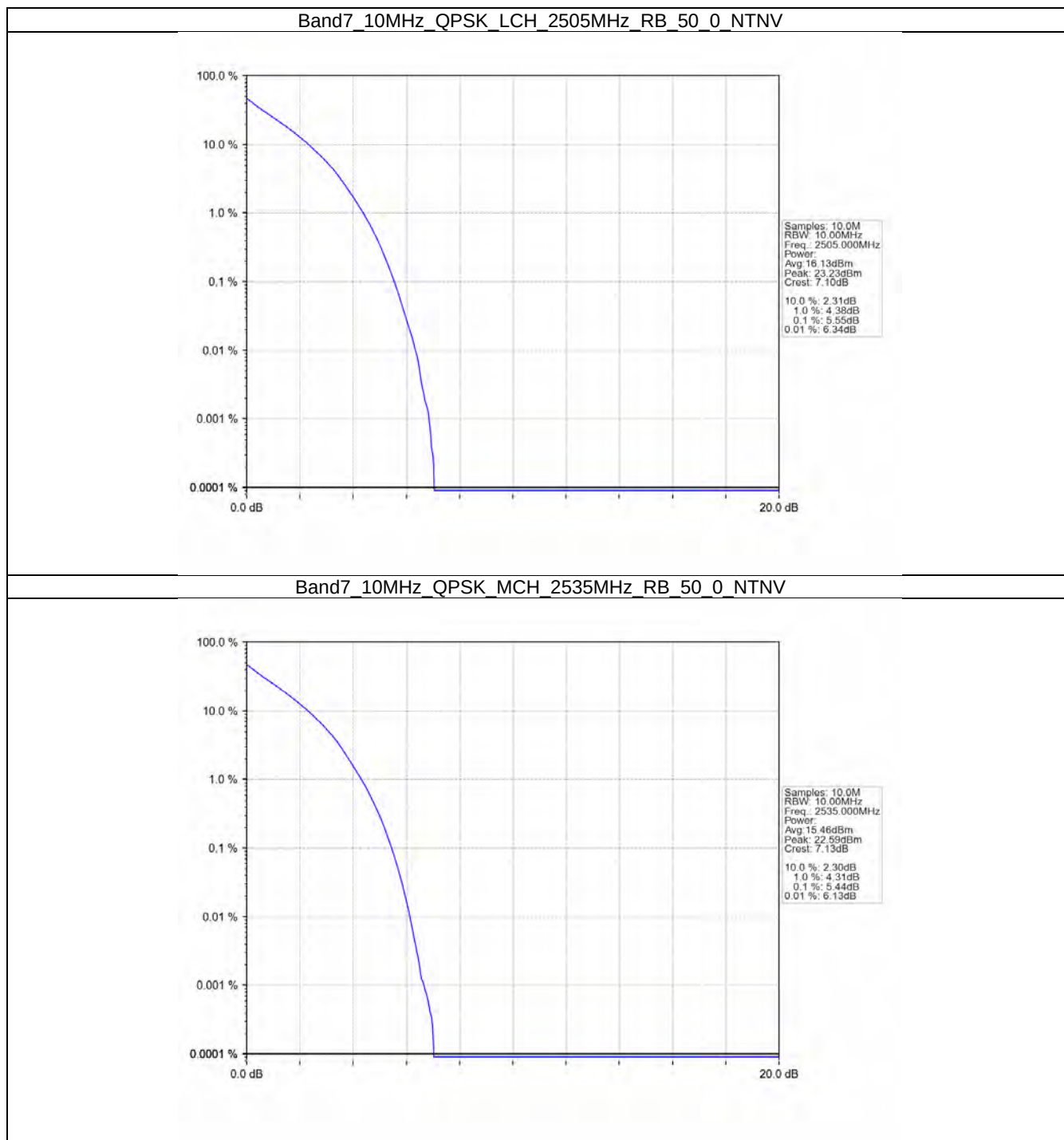
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



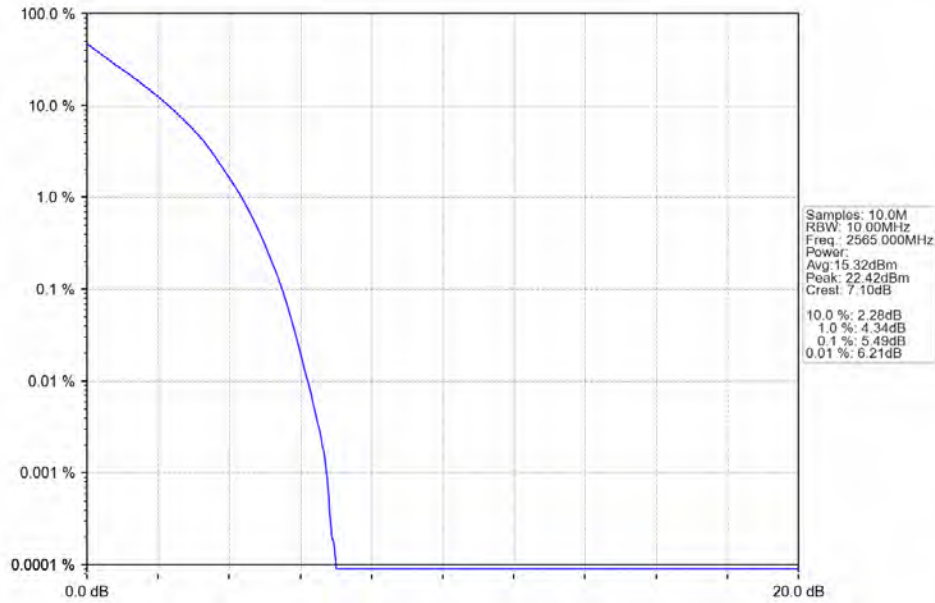
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



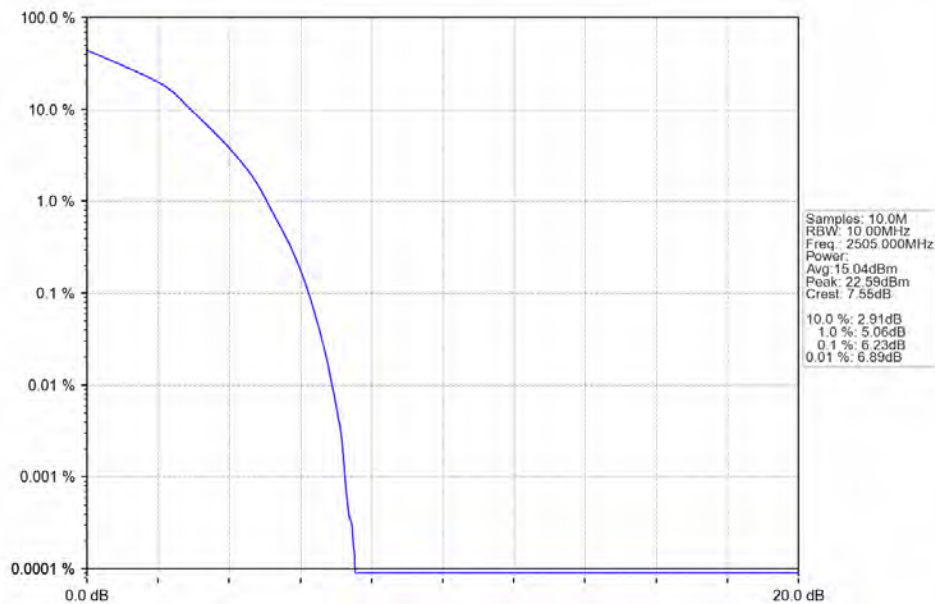
4.2.2 B7_10MHz



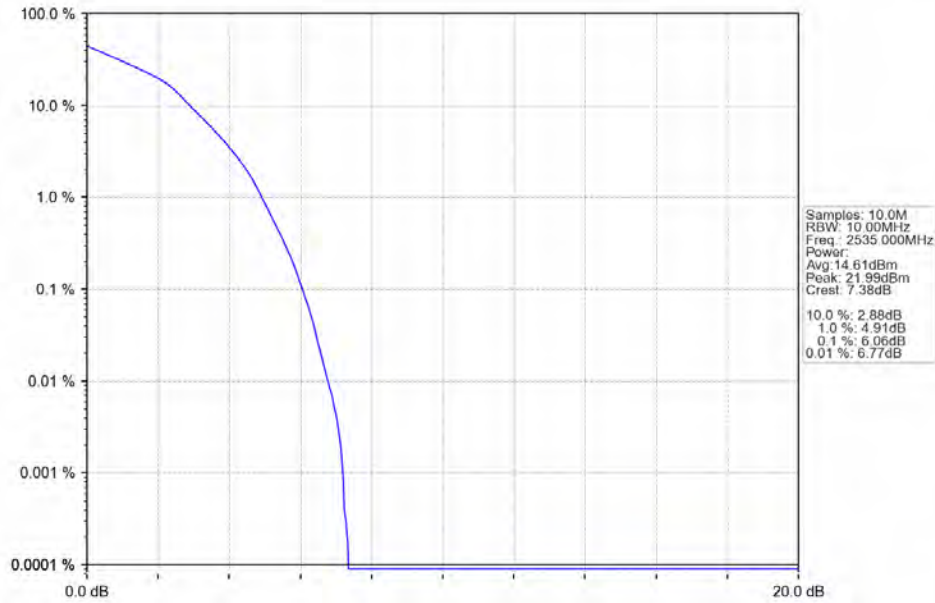
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



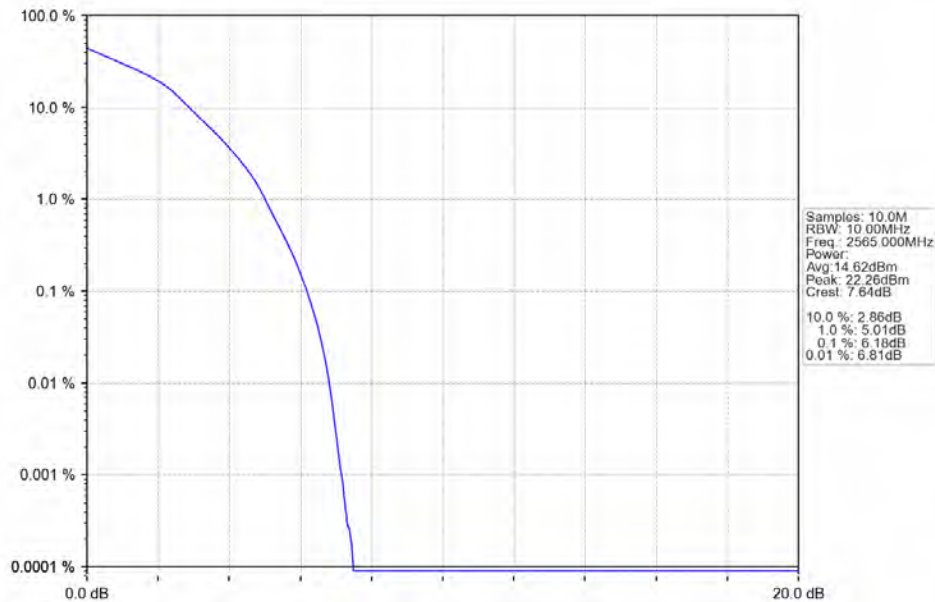
Band7_10MHz_16QAM_LCH_2505MHz_RB_27_0_NTNV



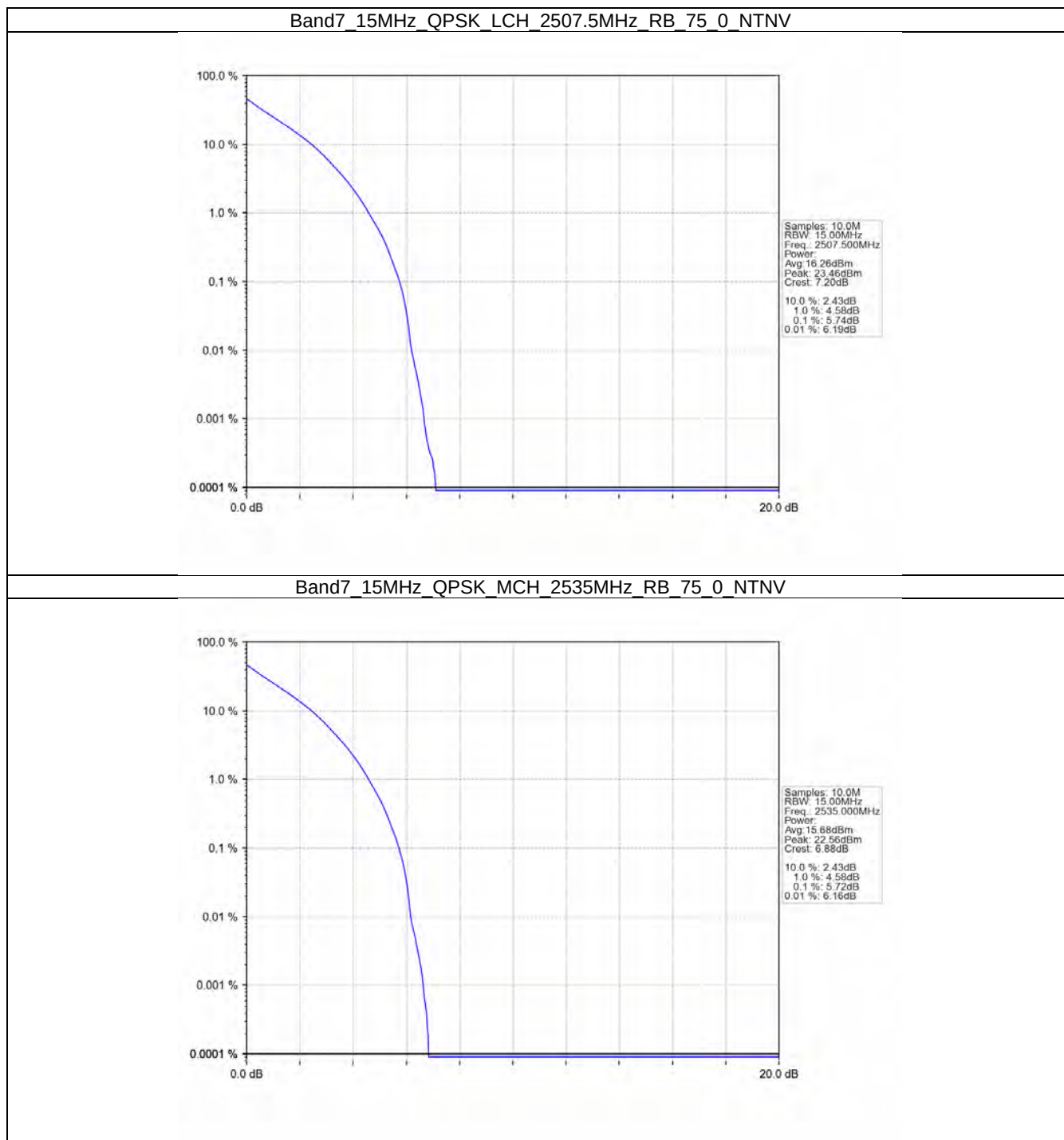
Band7_10MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



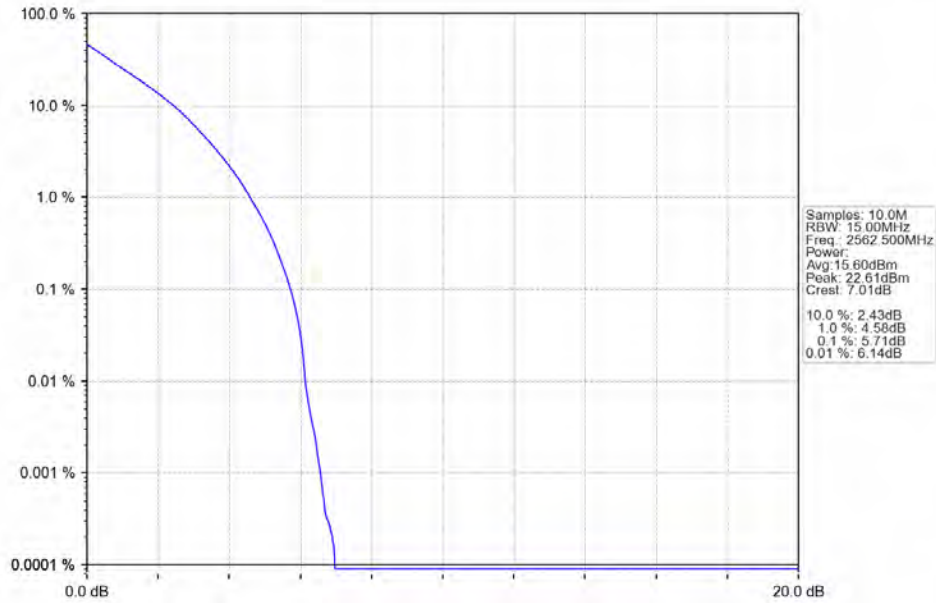
Band7_10MHz_16QAM_HCH_2565MHz_RB_27_23_NTNV



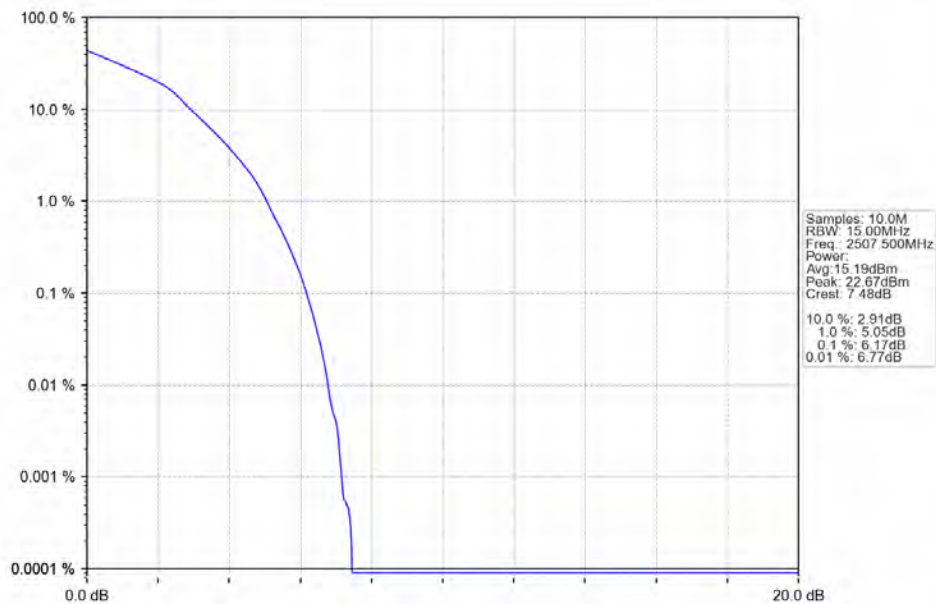
4.2.3 B7_15MHz



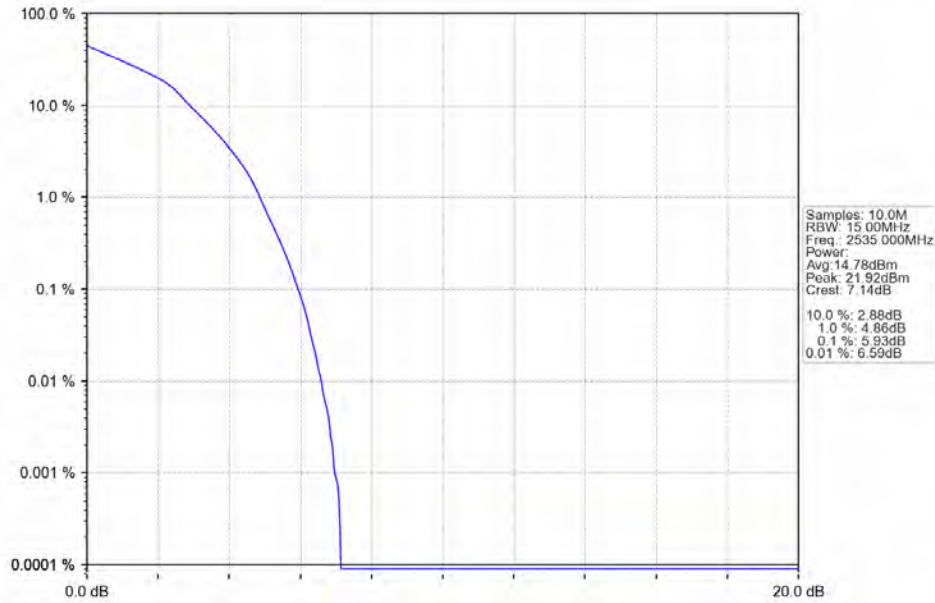
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



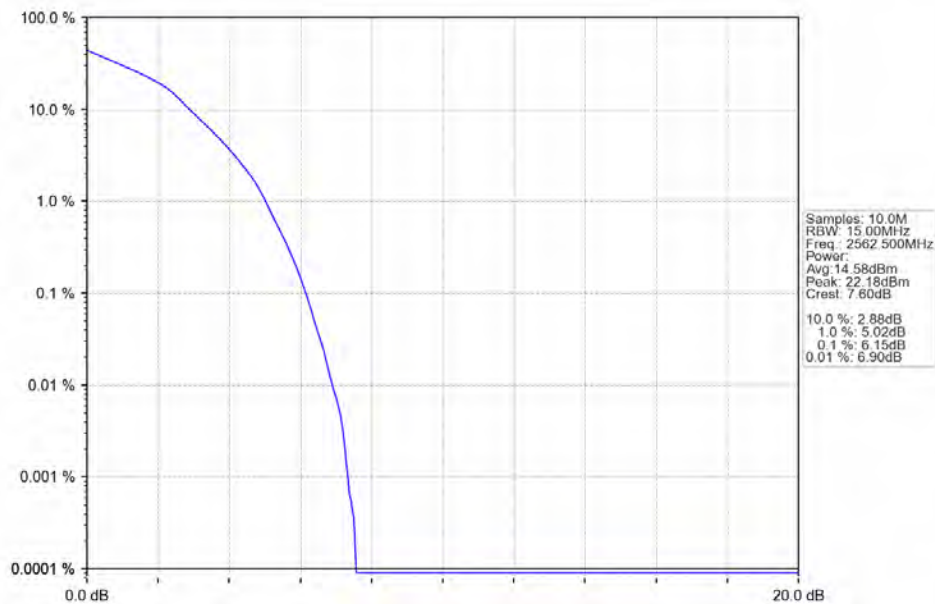
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_27_0_NTNV



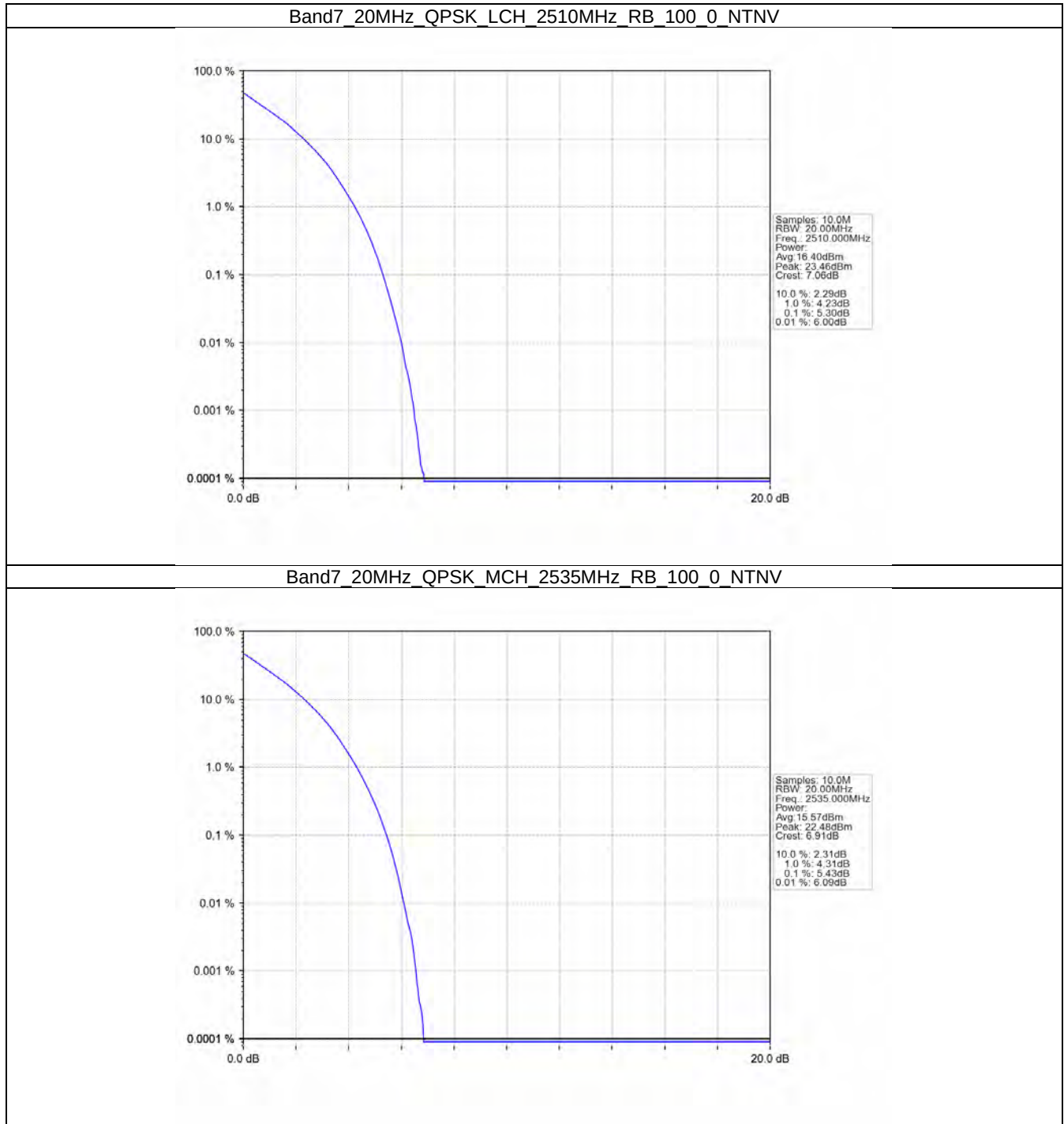
Band7_15MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



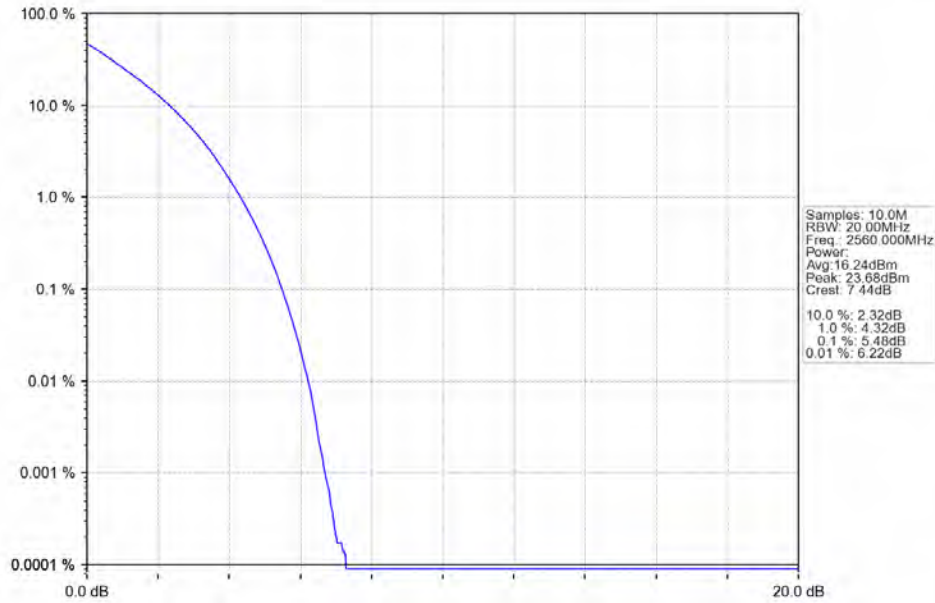
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_27_48_NTNV



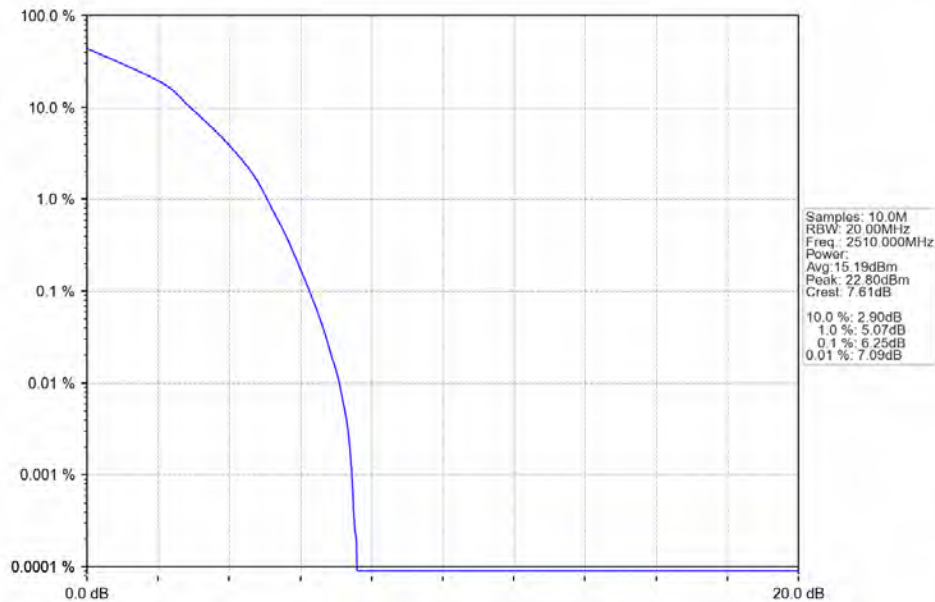
4.2.4 B7_20MHz



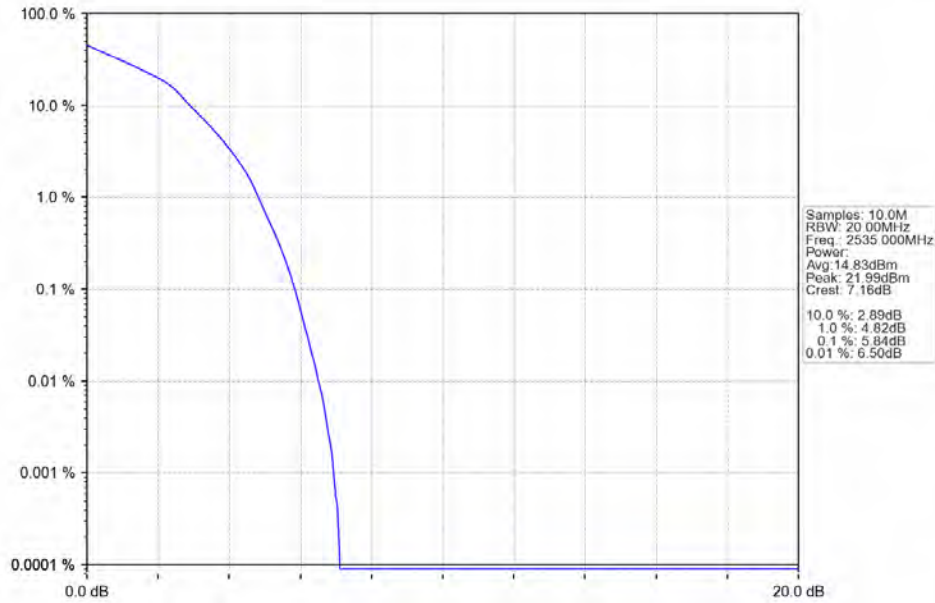
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



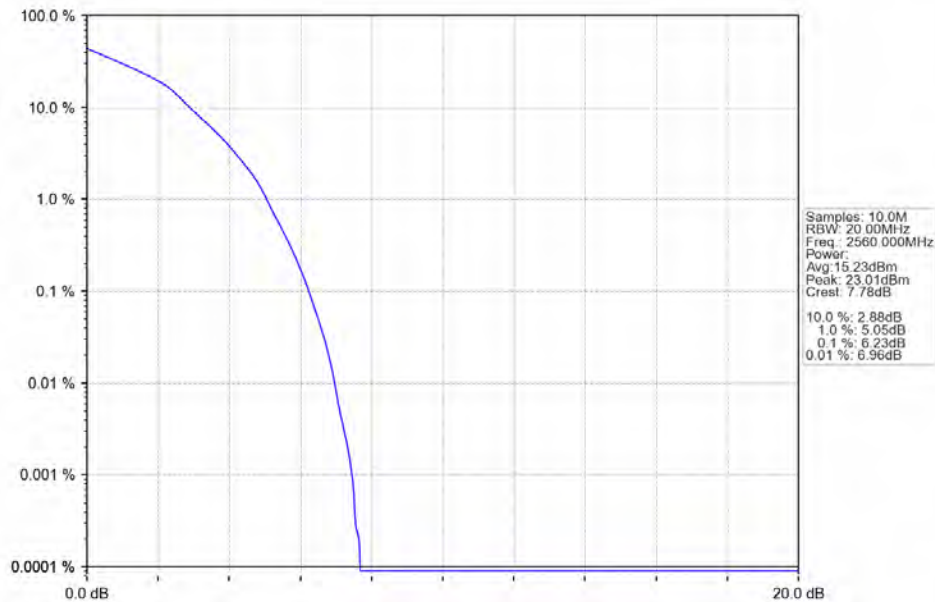
Band7_20MHz_16QAM_LCH_2510MHz_RB_27_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_27_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_27_73_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTVN						
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
16QAM	2505	1	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

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



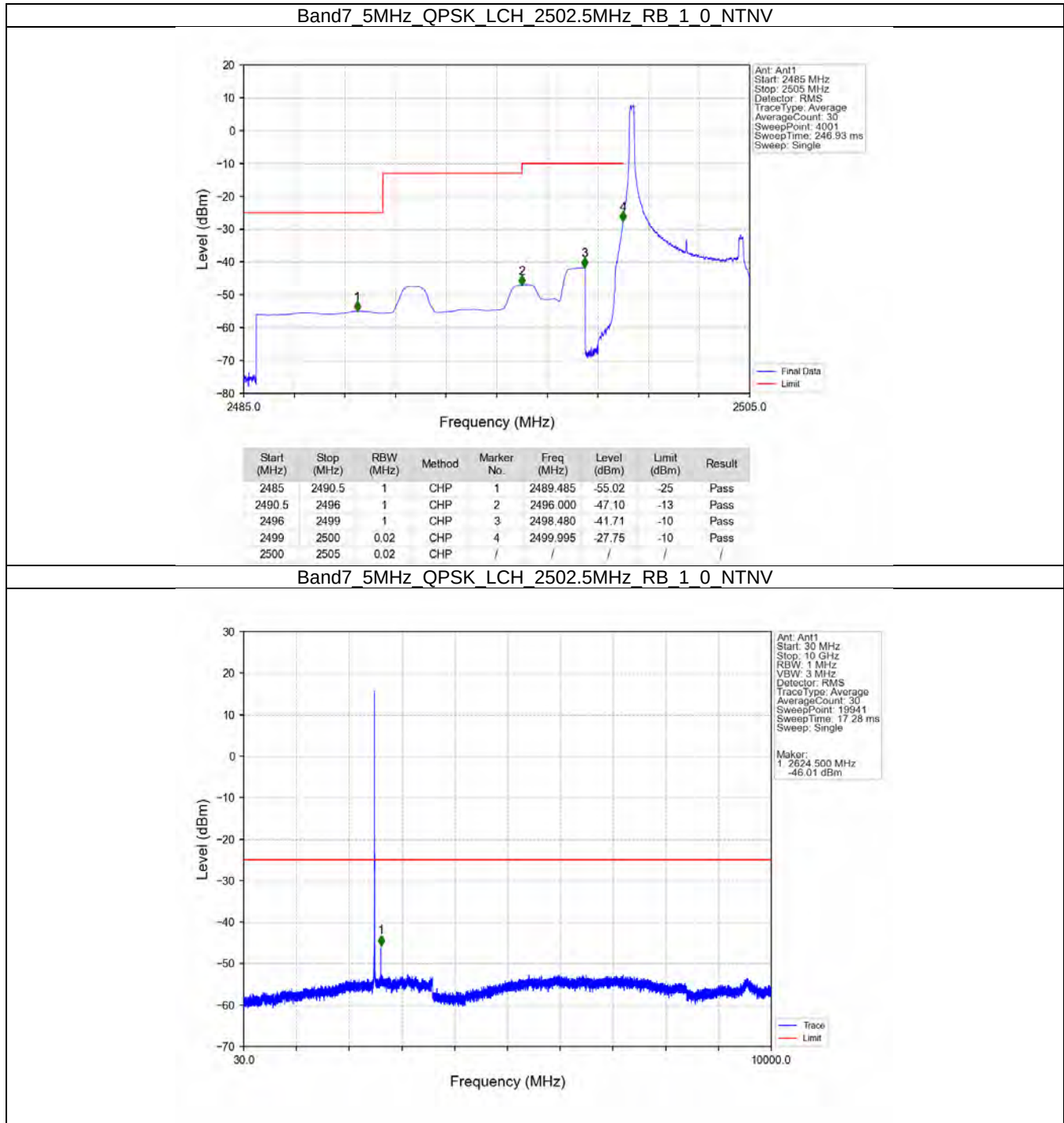
		75	0	Refer To Test Graph	Pass
16QAM	2507.5	1	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
	2562.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass

5.1.4 B7_20MHz

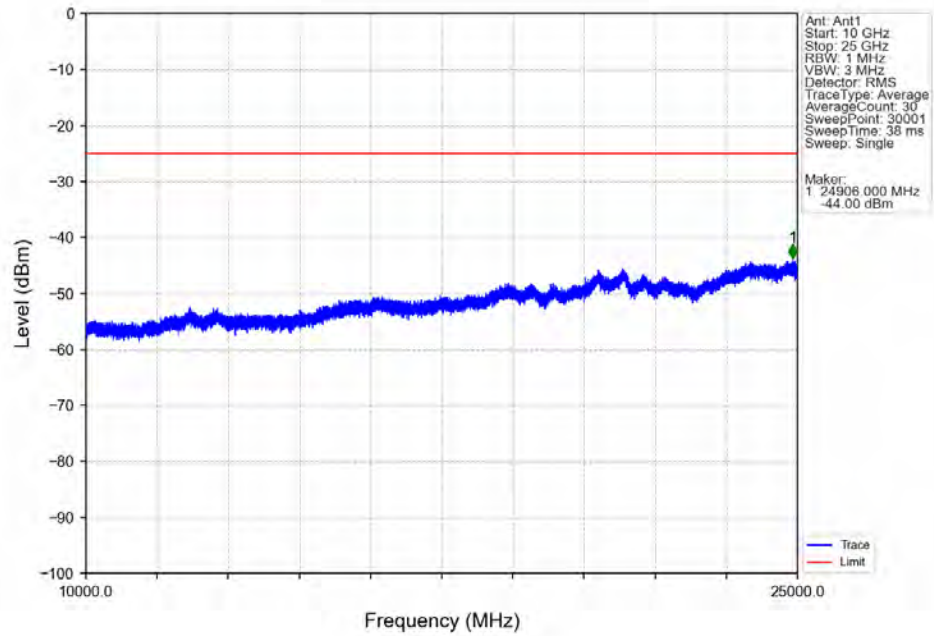
Band: 7 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2510	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
16QAM	2510	1	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

5.2 Test Graph

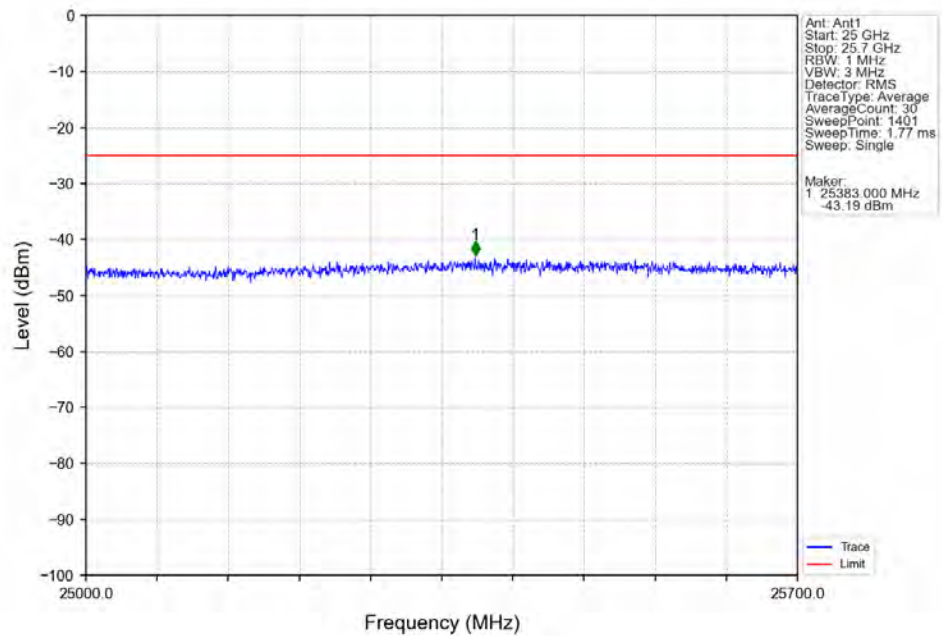
5.2.1 B7_5MHz



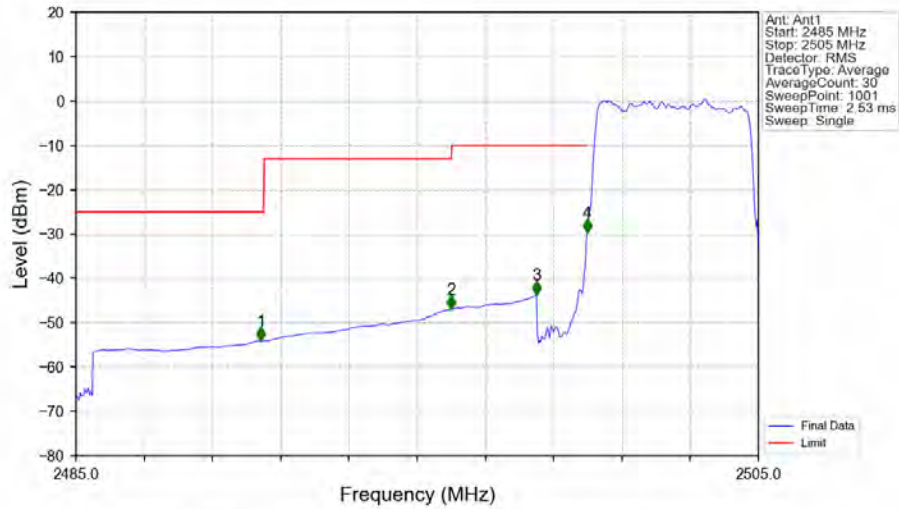
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

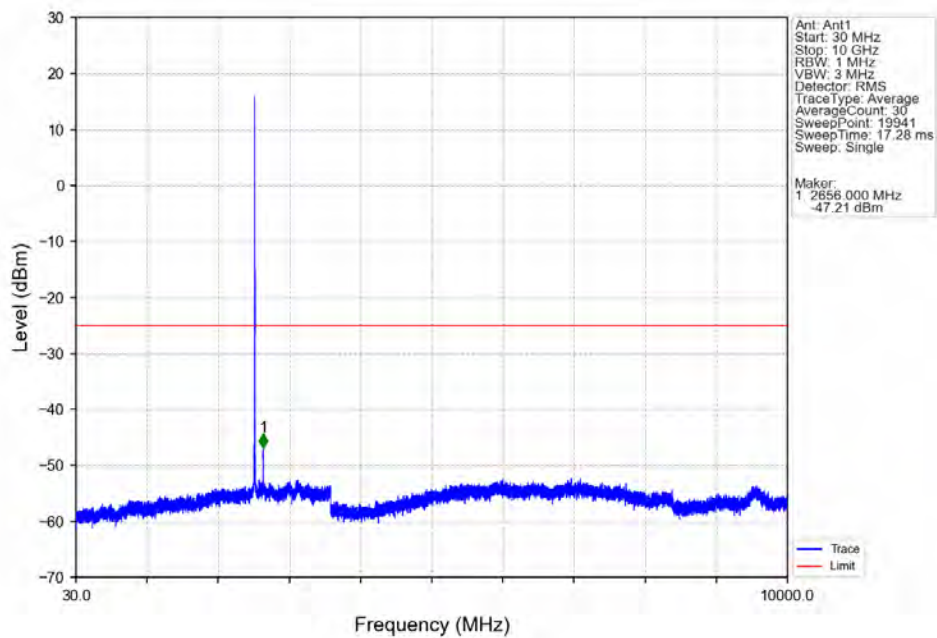


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

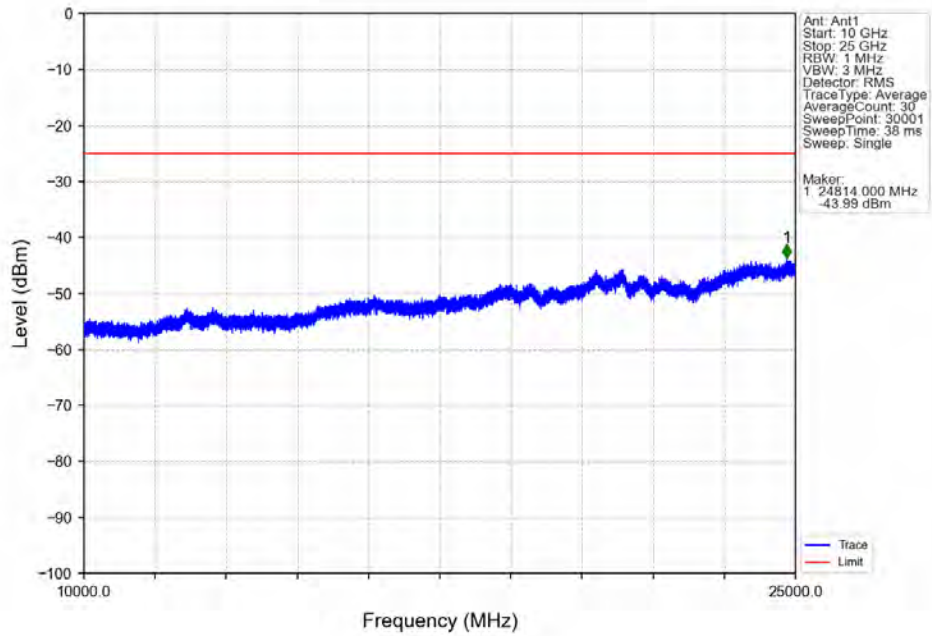


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.420	-54.09	25	Pass
2490.5	2496	1	CHP	2	2496.000	-47.00	-13	Pass
2496	2499	1	CHP	3	2498.500	-43.73	-10	Pass
2499	2500	0.103	CHP	4	2499.980	-29.69	-10	Pass
2500	2505	0.103	CHP	/	/	/	/	/

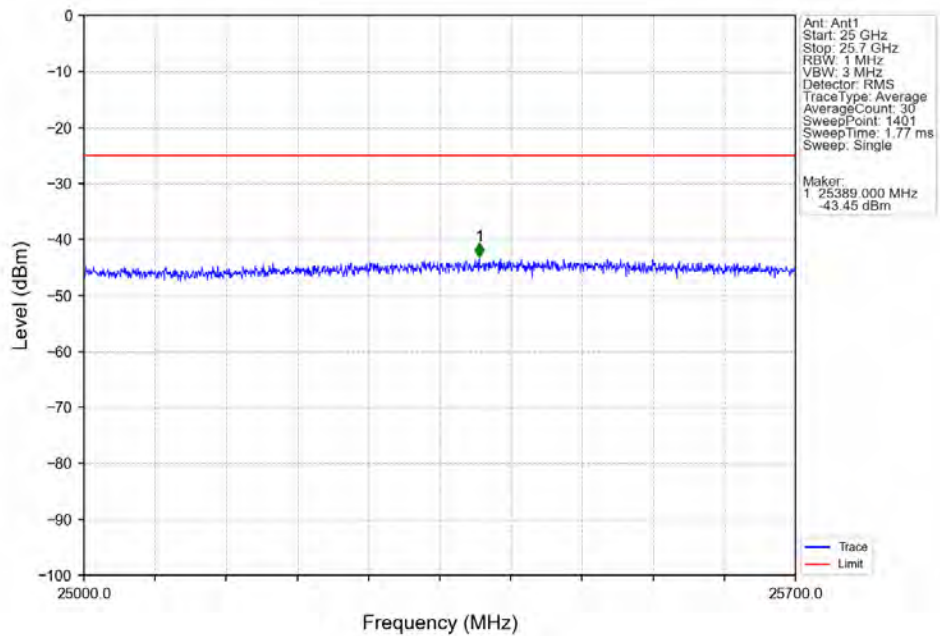
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



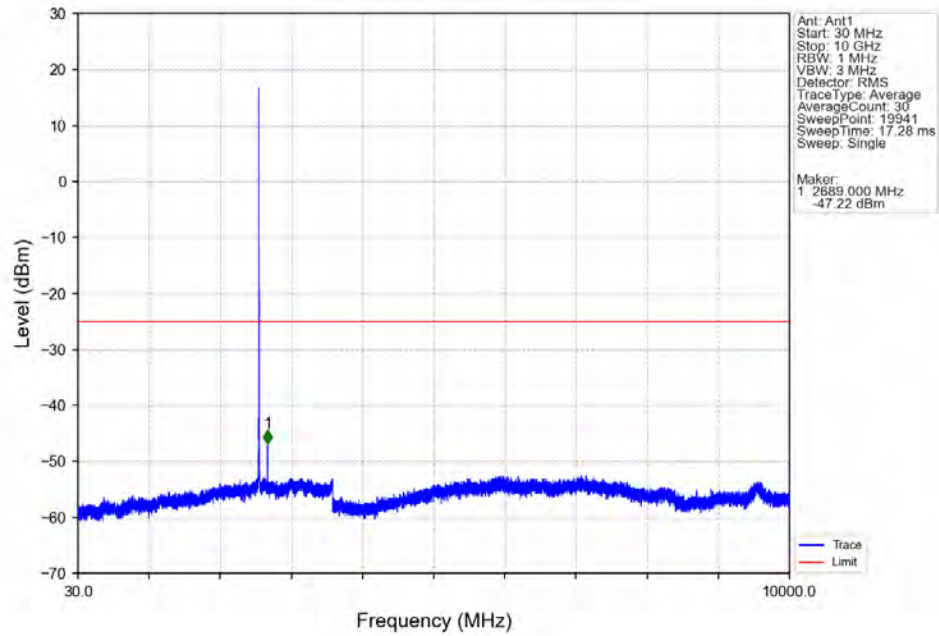
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



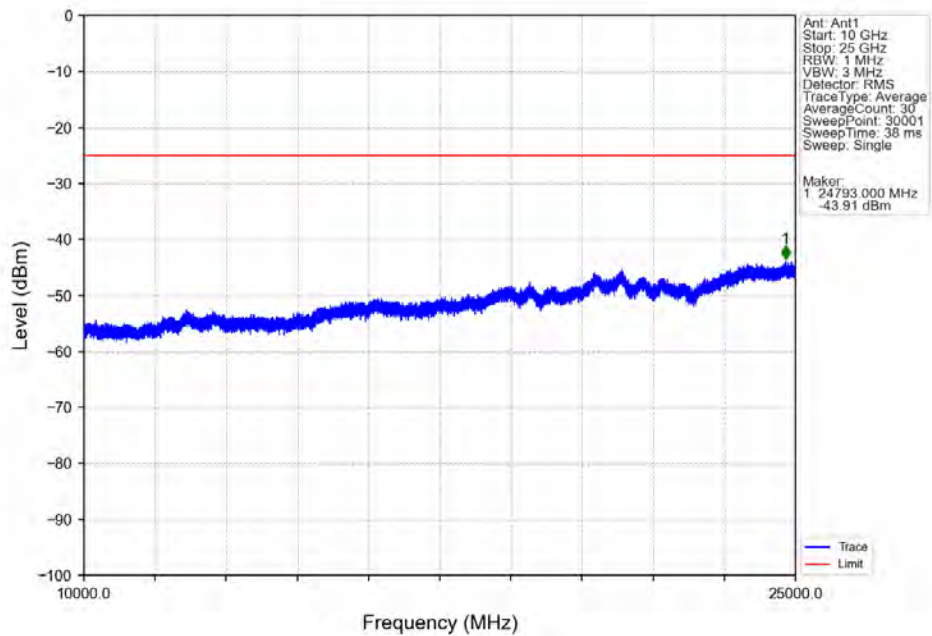
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



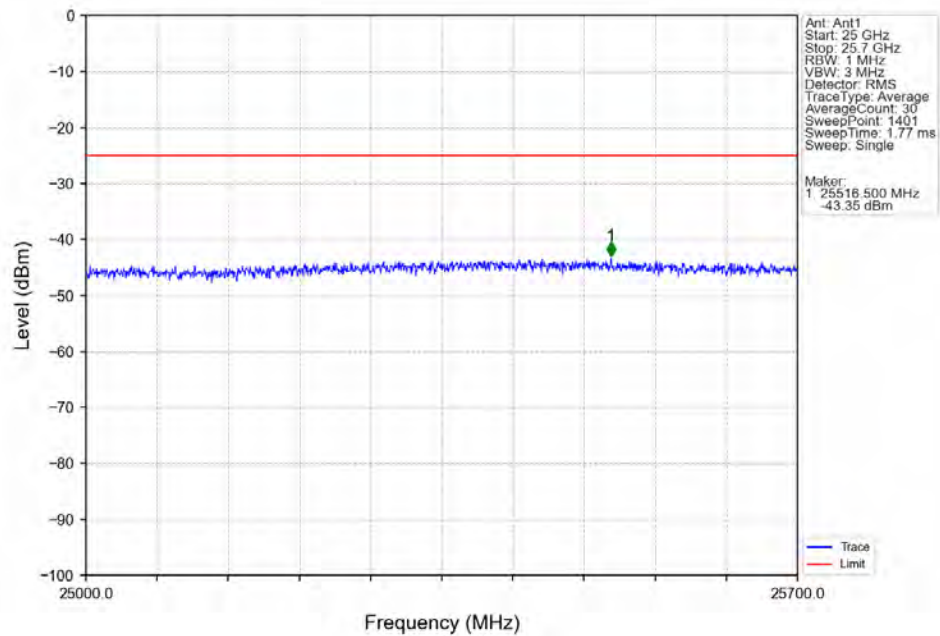
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



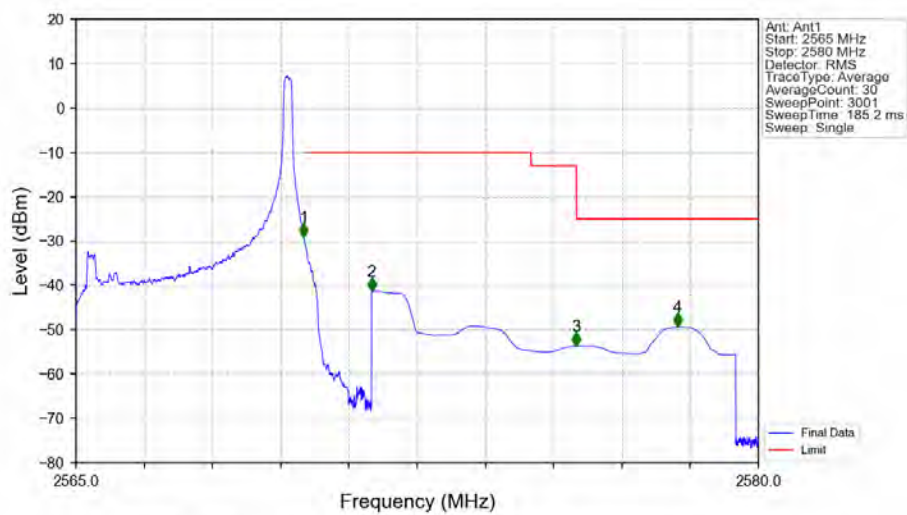
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

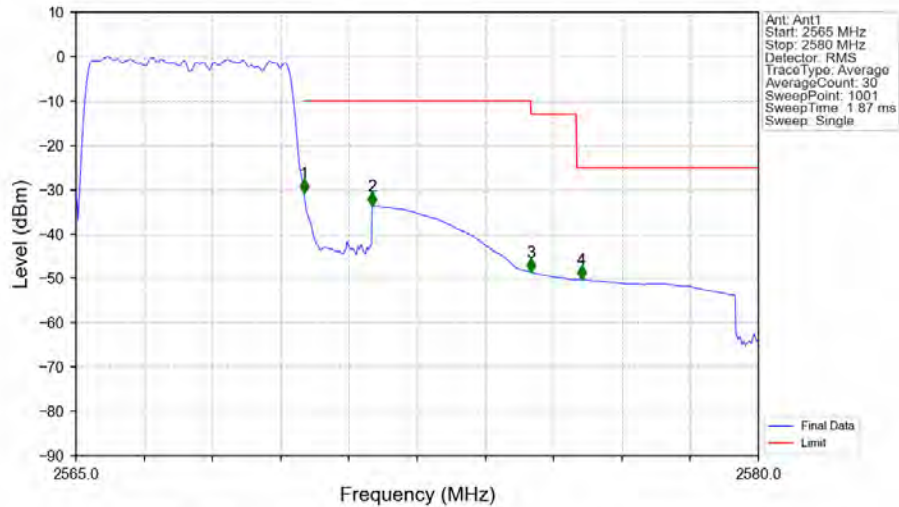


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



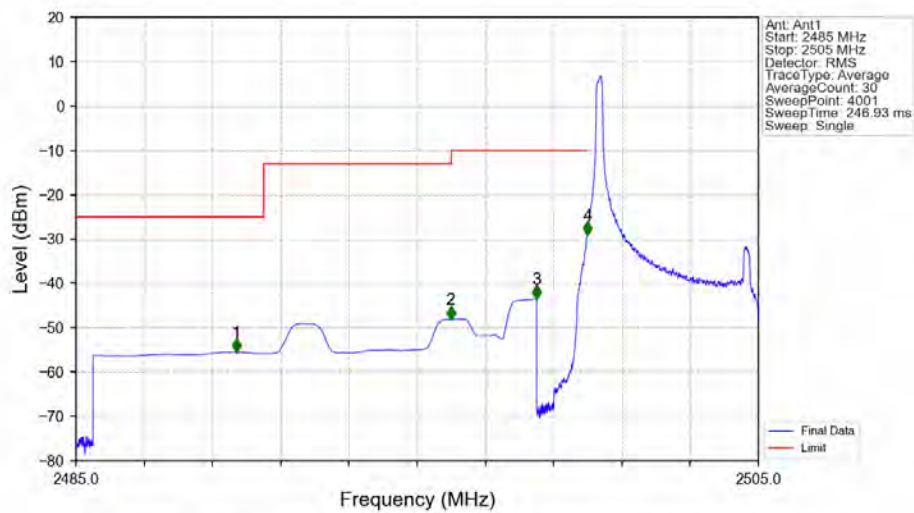
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-29.07	-10	Pass
2571	2575	1	CHP	2	2571.500	-41.28	-10	Pass
2575	2576	1	CHP	3	2576.000	-53.76	-13	Pass
2576	2580	1	CHP	4	2578.225	-49.43	-25	Pass

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



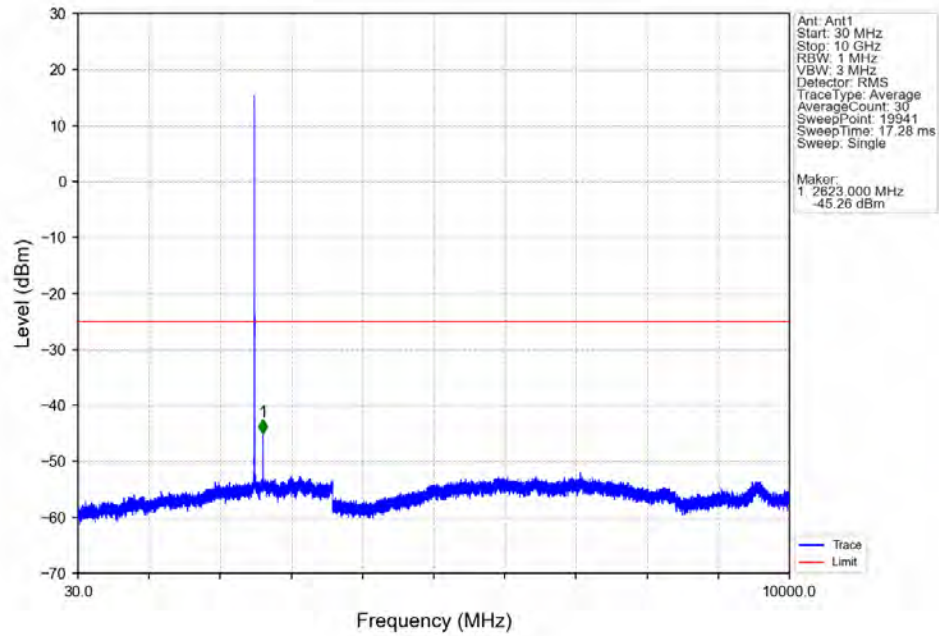
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.104	CHP	/	/	/	/	/
2570	2571	0.104	CHP	1	2570.010	-30.73	-10	Pass
2571	2575	1	CHP	2	2571.510	-33.72	-10	Pass
2575	2576	1	CHP	3	2575.005	-48.58	-13	Pass
2576	2580	1	CHP	4	2576.115	-50.28	-25	Pass

Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV

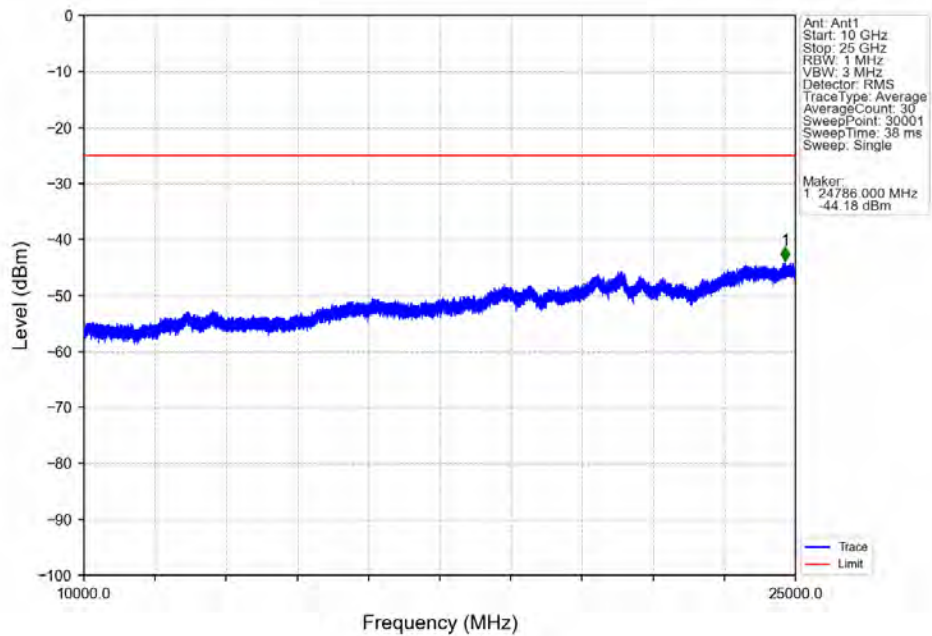


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.895	-55.48	25	Pass
2490.5	2496	1	CHP	2	2495.985	-48.16	-13	Pass
2496	2499	1	CHP	3	2498.500	-43.48	-10	Pass
2499	2500	0.02	CHP	4	2499.990	-29.10	-10	Pass
2500	2505	0.02	CHP	/	/	/	/	/

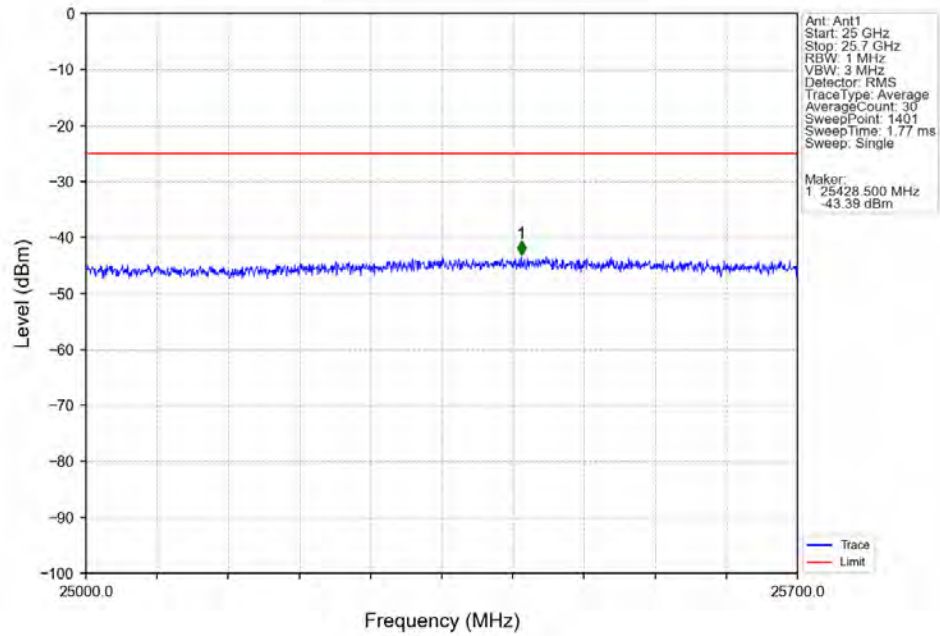
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



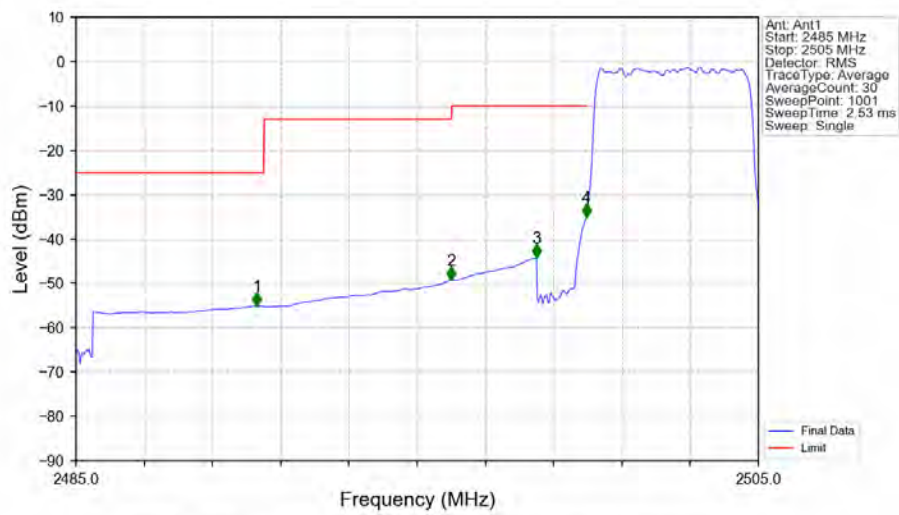
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV

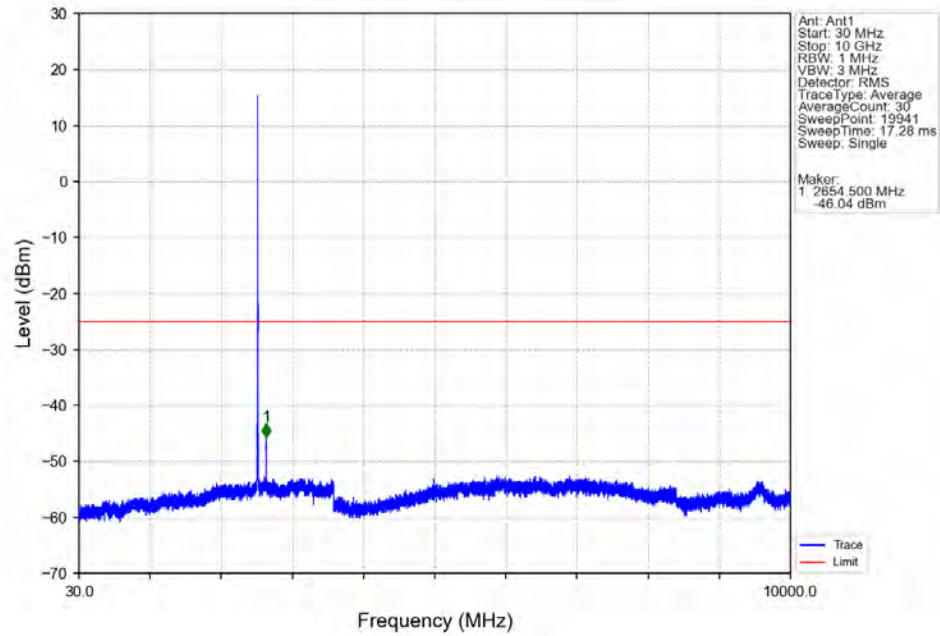


Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV

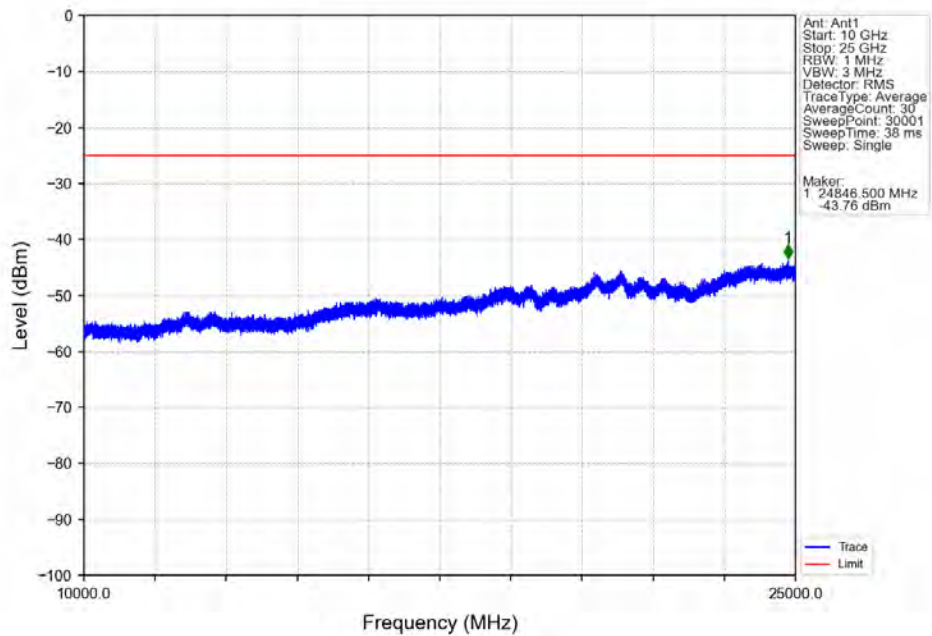


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.300	-55.09	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-49.33	-13	Pass
2496	2499	1	CHP	3	2498.500	-44.24	-10	Pass
2499	2500	0.103	CHP	4	2499.960	-35.18	-10	Pass
2500	2505	0.103	CHP	/	/	/	/	/

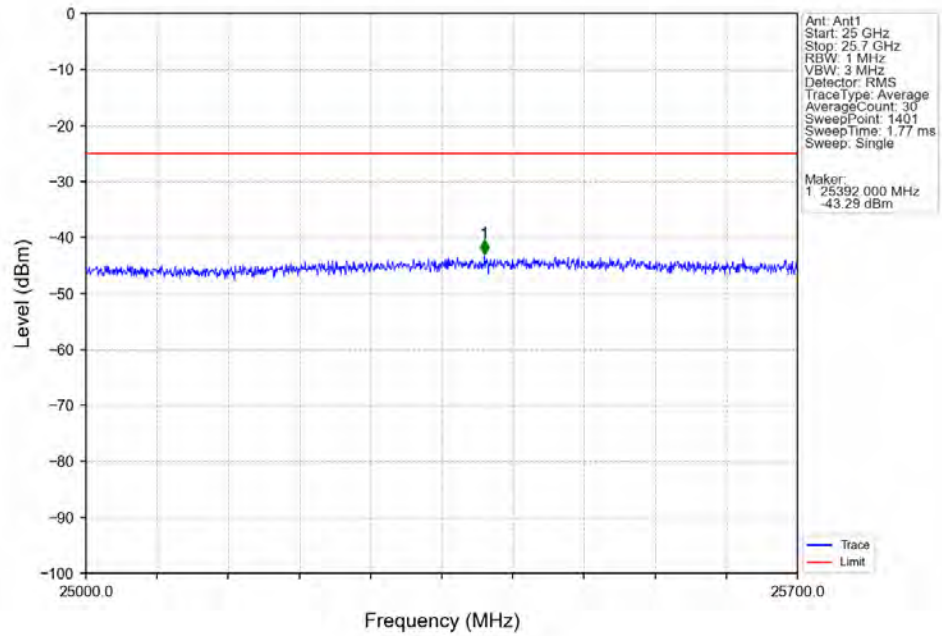
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



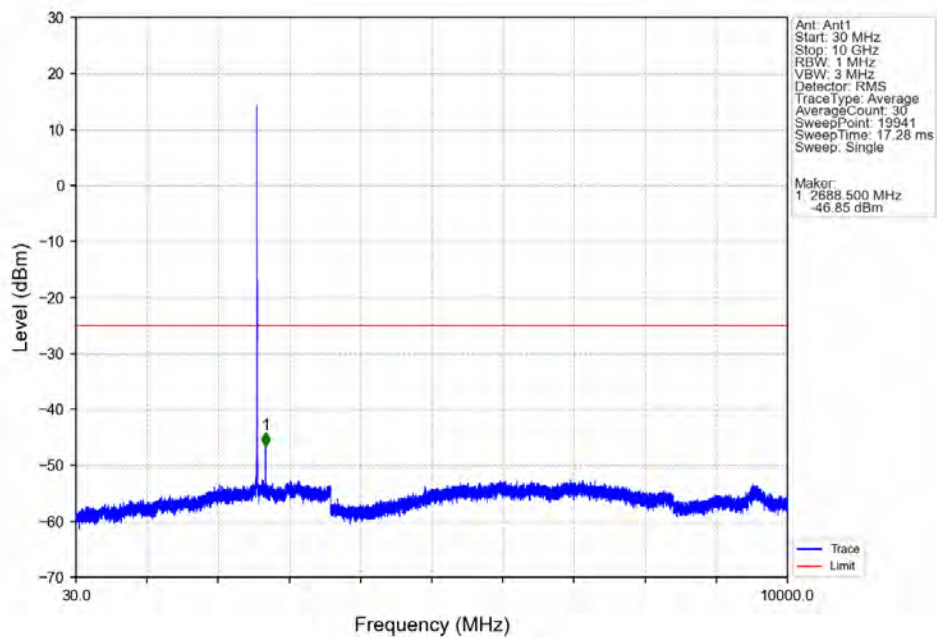
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



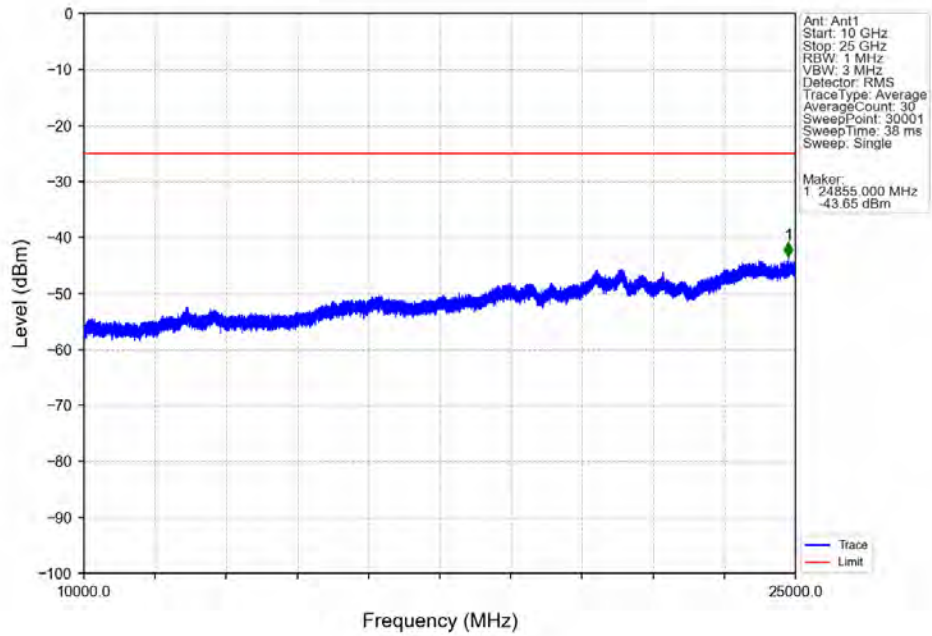
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



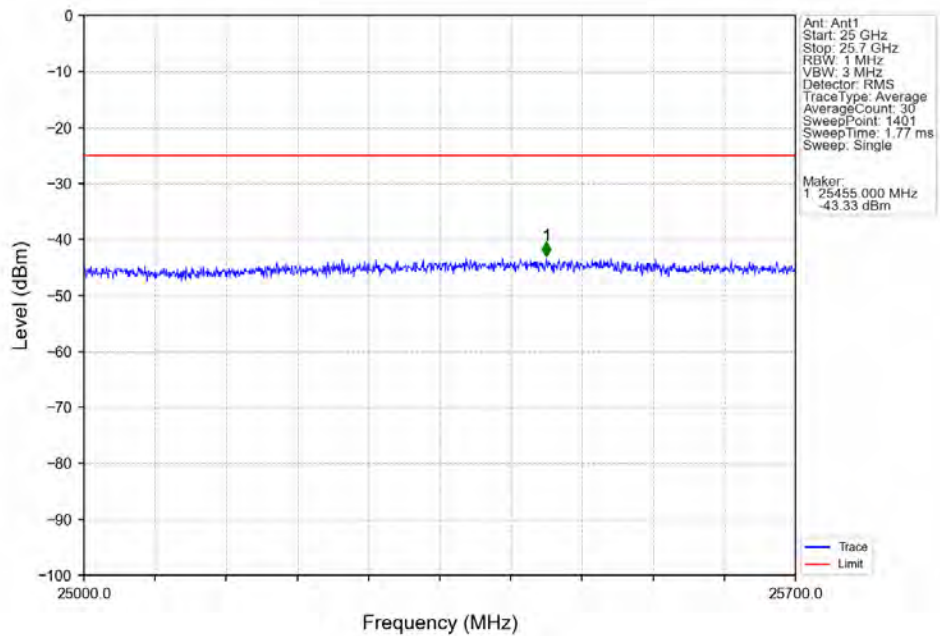
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



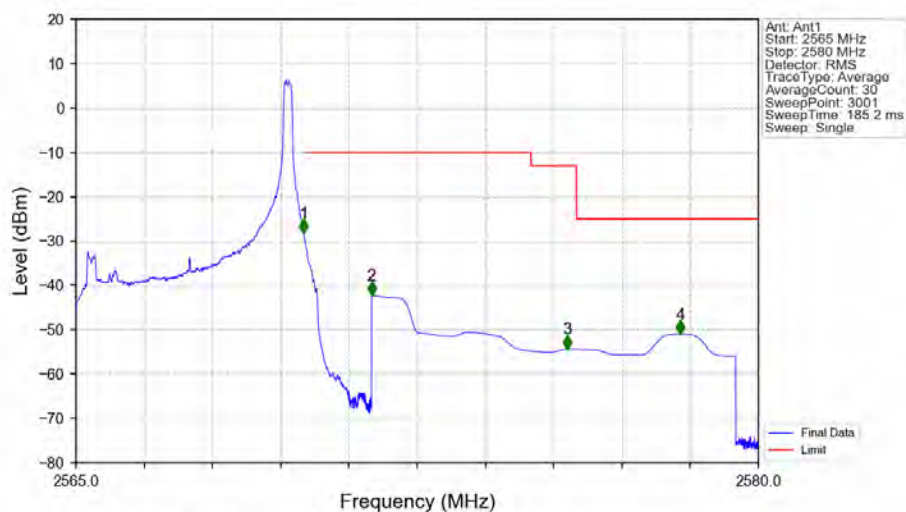
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV

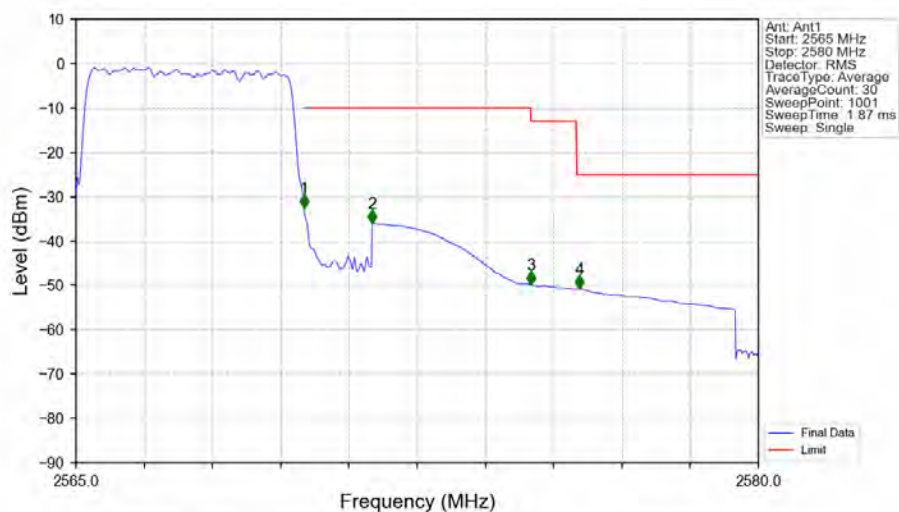


Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_24_NTNV



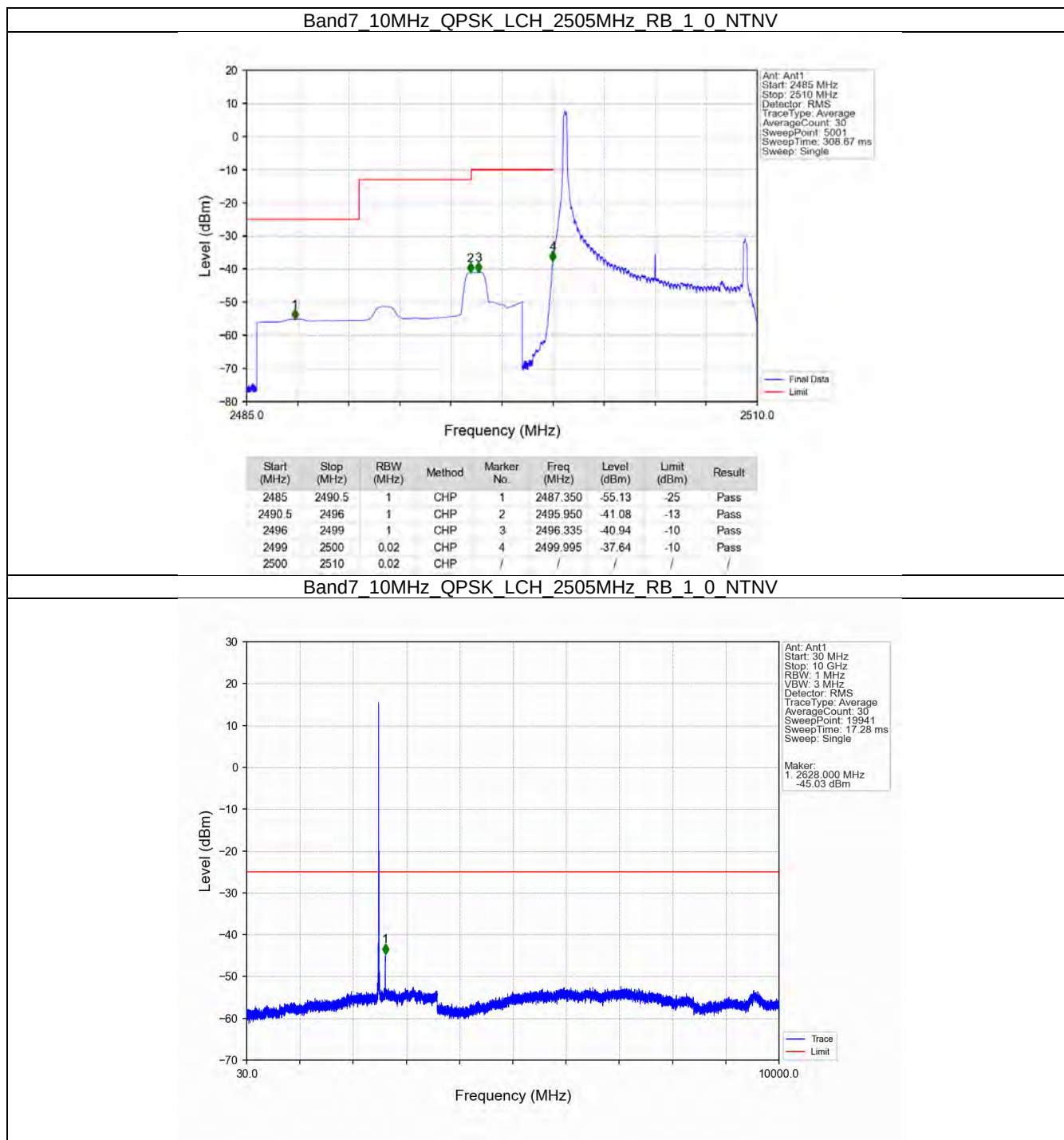
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-28.19	-10	Pass
2571	2575	1	CHP	2	2571.500	-42.32	-10	Pass
2575	2576	1	CHP	3	2575.805	-54.35	-13	Pass
2576	2580	1	CHP	4	2578.285	-51.02	-25	Pass

Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV

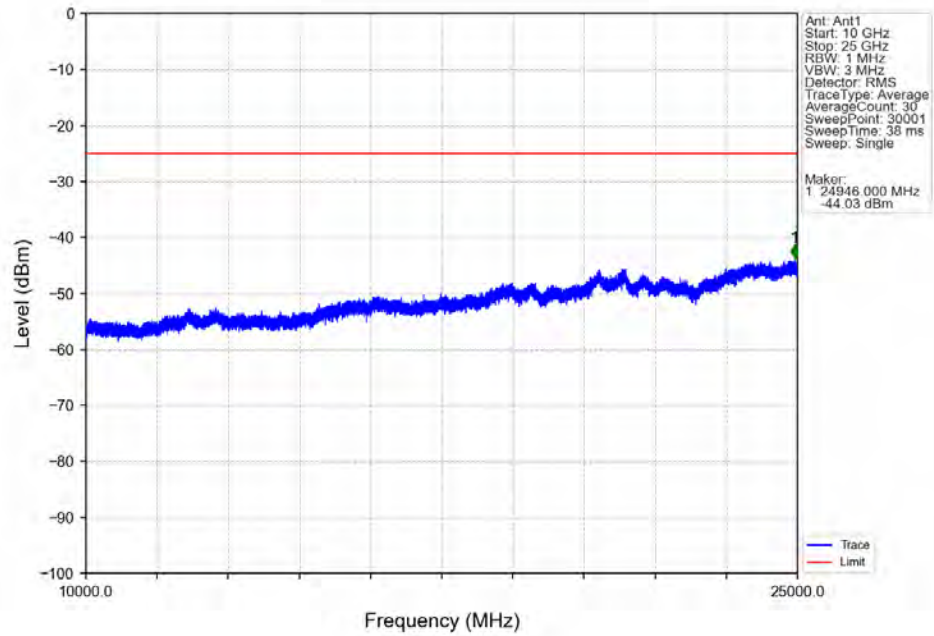


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.104	CHP	/	/	/	/	/
2570	2571	0.104	CHP	1	2570.010	-32.56	-10	Pass
2571	2575	1	CHP	2	2571.510	-36.06	-10	Pass
2575	2576	1	CHP	3	2575.005	-49.95	-13	Pass
2576	2580	1	CHP	4	2576.070	-50.86	-25	Pass

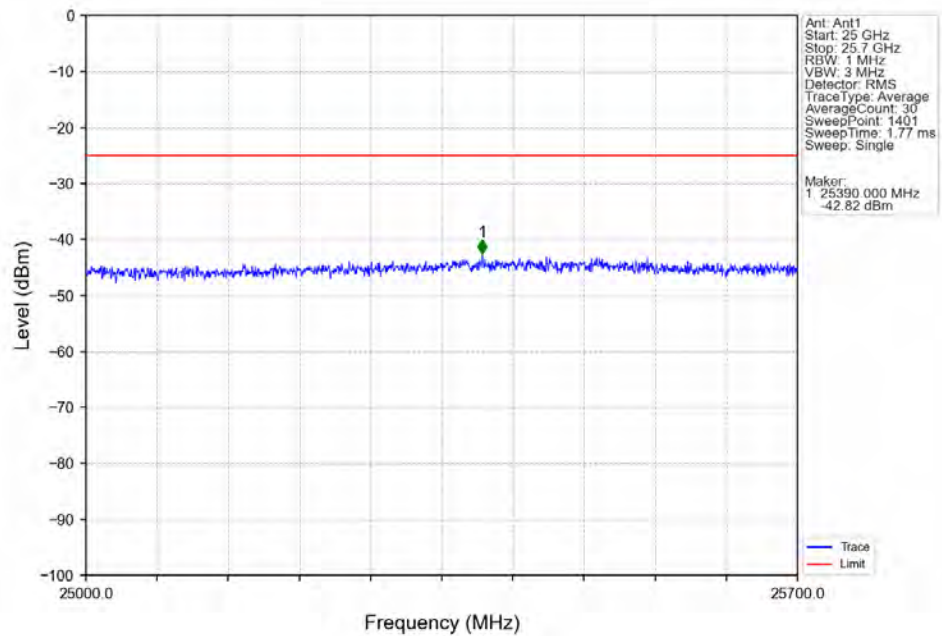
5.2.2 B7_10MHz



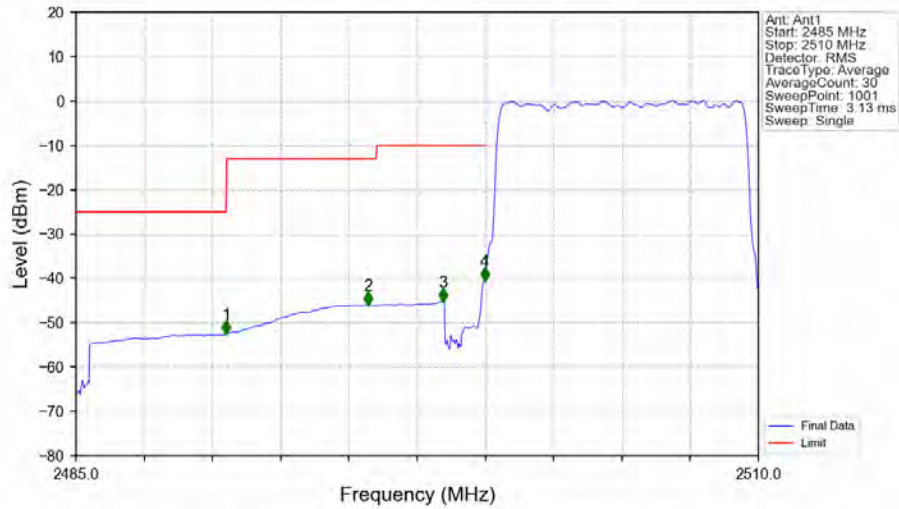
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

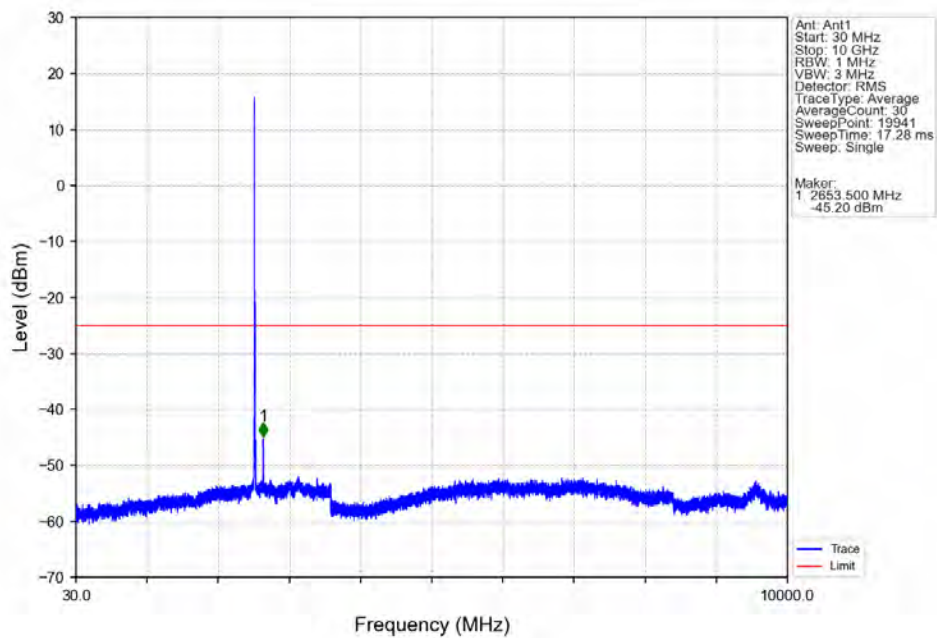


Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV

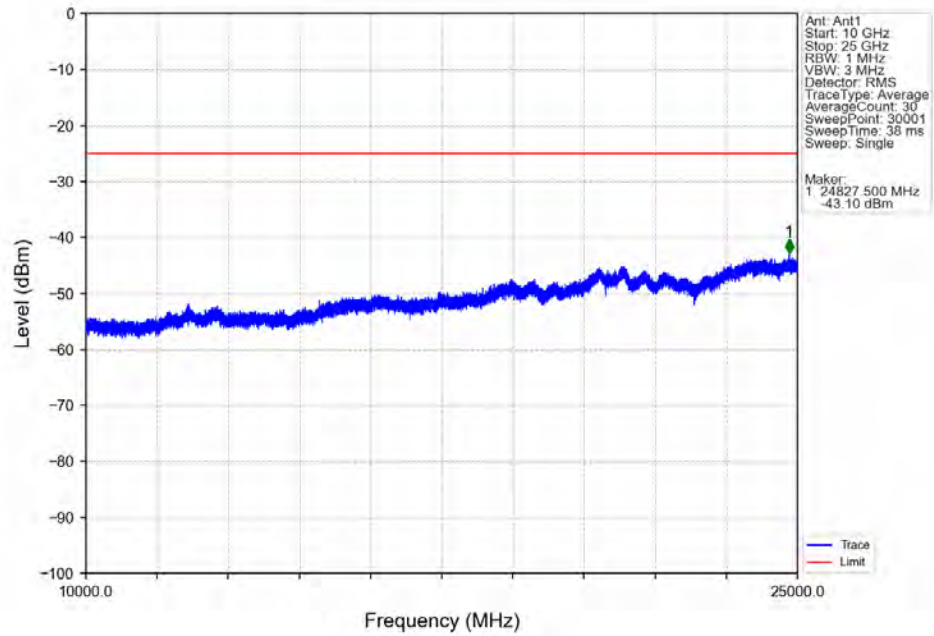


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-52.58	25	Pass
2490.5	2496	1	CHP	2	2495.700	-45.99	-13	Pass
2496	2499	1	CHP	3	2498.450	-45.29	-10	Pass
2499	2500	0.2	CHP	4	2499.975	-40.68	-10	Pass
2500	2510	0.2	CHP	/	/	/	/	/

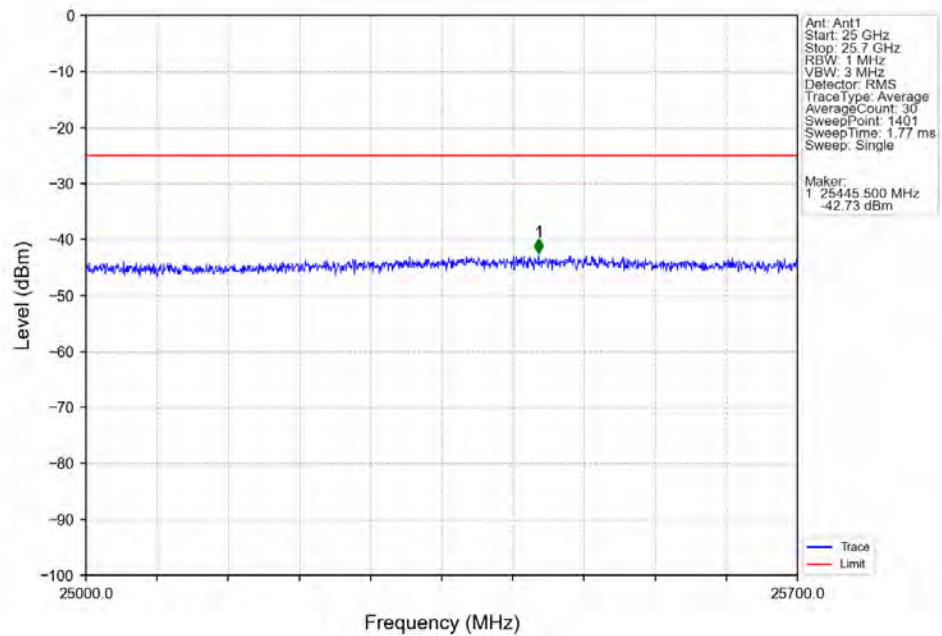
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



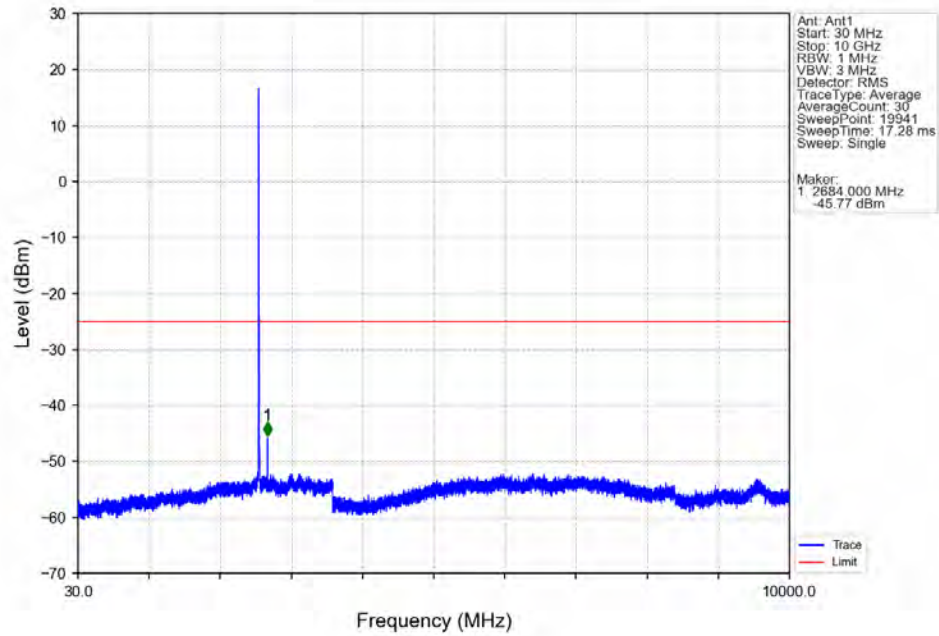
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



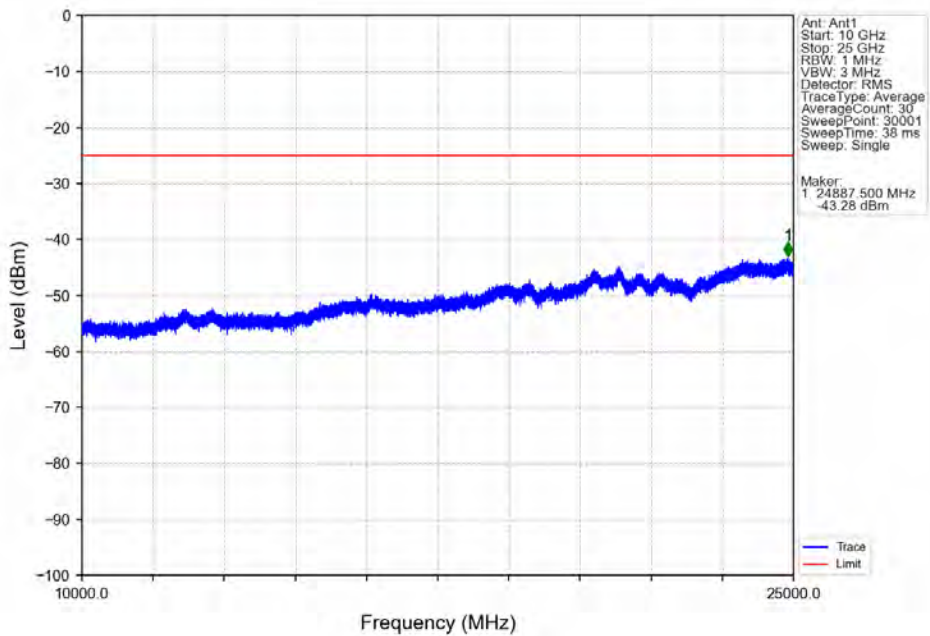
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



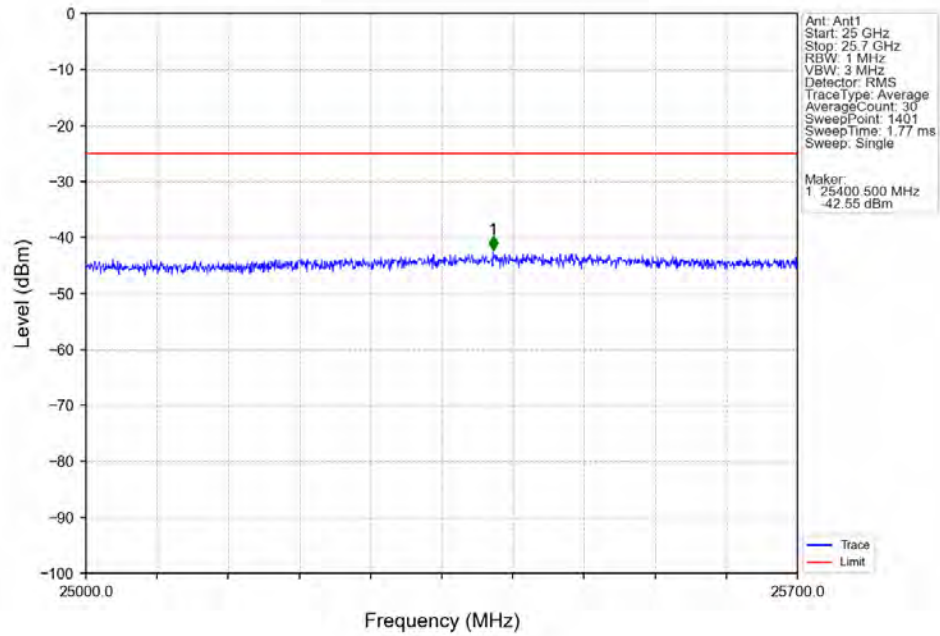
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



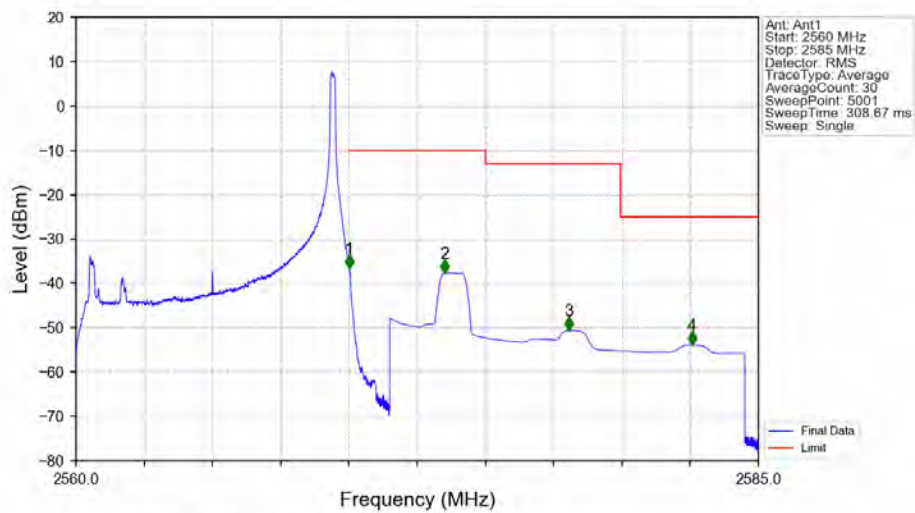
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

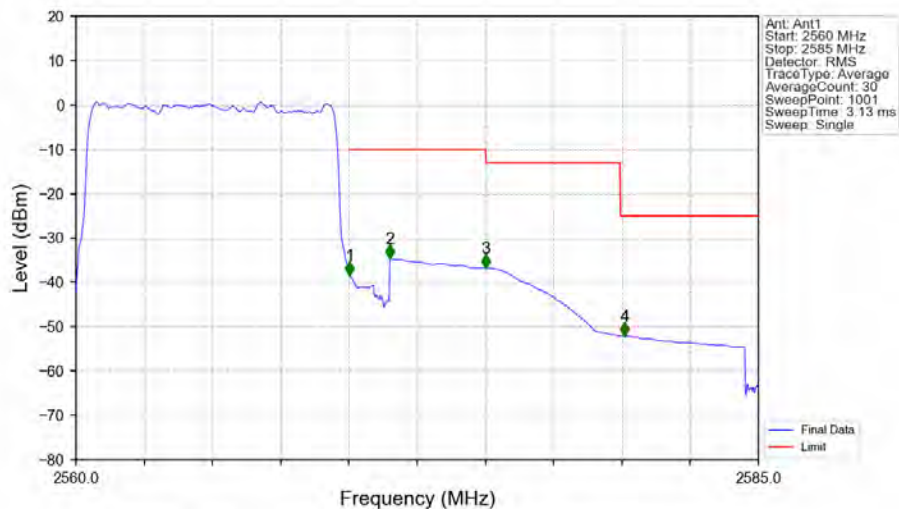


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



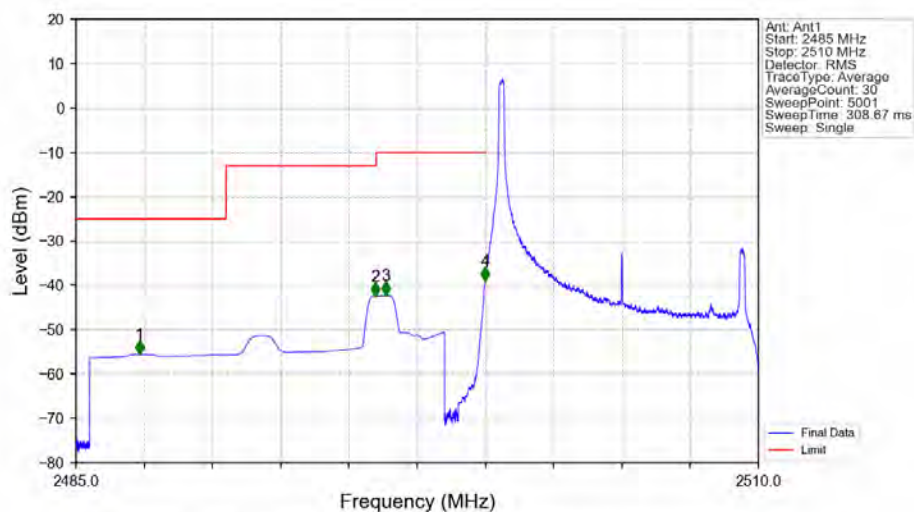
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-36.51	-10	Pass
2571	2575	1	CHP	2	2573.505	-37.70	-10	Pass
2575	2579.947	1	CHP	3	2578.050	-50.59	-13	Pass
2579.947	2585	1	CHP	4	2582.565	-53.85	-25	Pass

Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



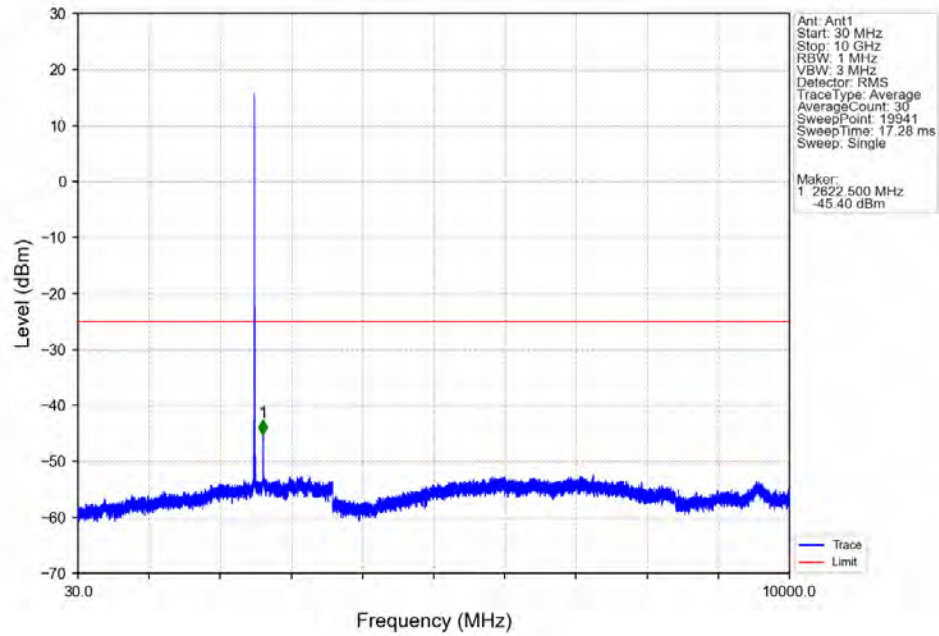
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.199	CHP	/	/	/	/	/
2570	2571	0.199	CHP	1	2570.025	-38.43	-10	Pass
2571	2575	1	CHP	2	2571.500	-34.67	-10	Pass
2575	2579.947	1	CHP	3	2575.025	-36.80	-13	Pass
2579.947	2585	1	CHP	4	2580.100	-52.03	-25	Pass

Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV

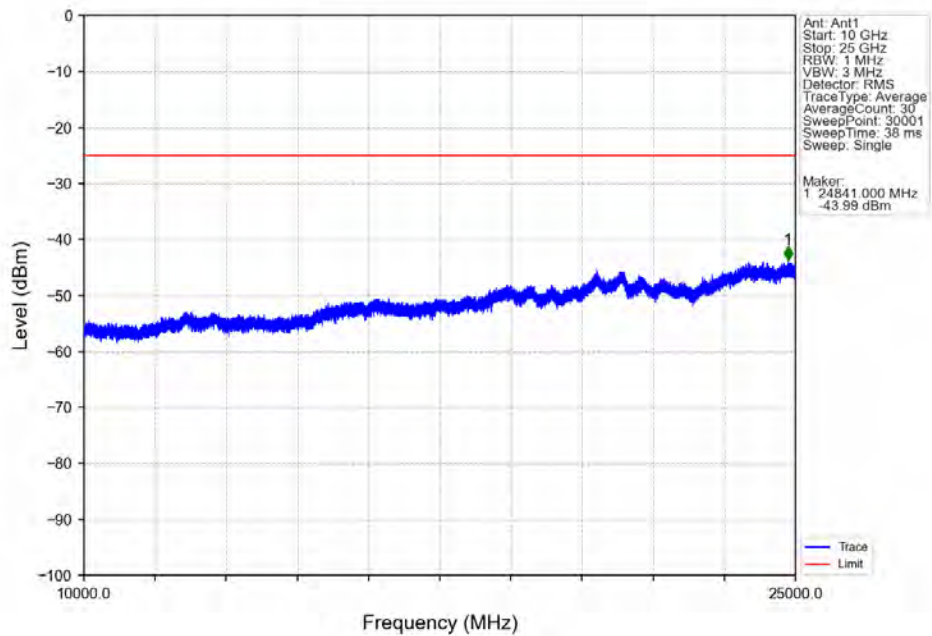


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.330	-55.56	-25	Pass
2490.5	2496	1	CHP	2	2495.965	-42.42	-13	Pass
2496	2499	1	CHP	3	2496.335	-42.27	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-38.94	-10	Pass
2500	2510	0.02	CHP	/	/	/	/	/

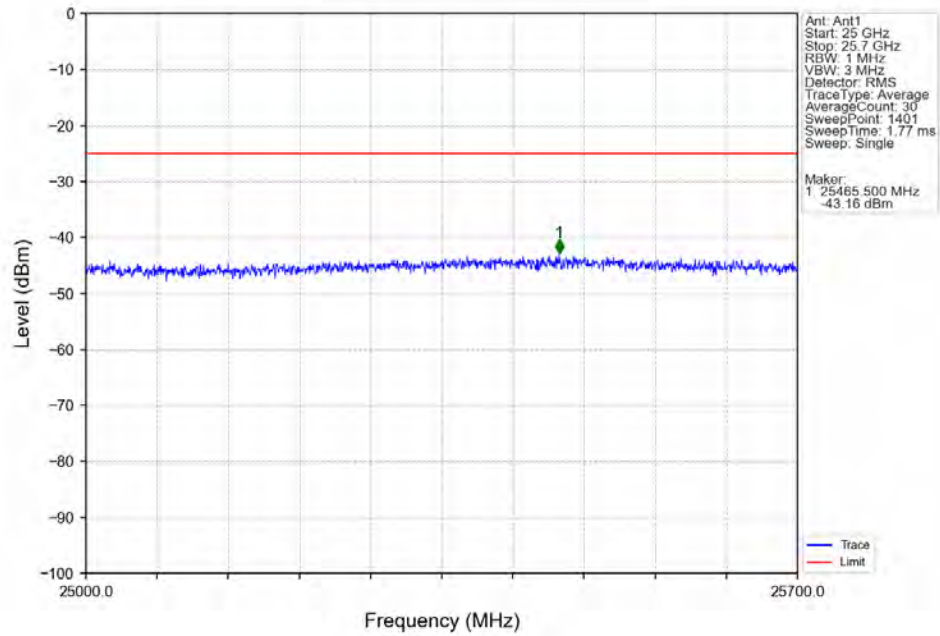
Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



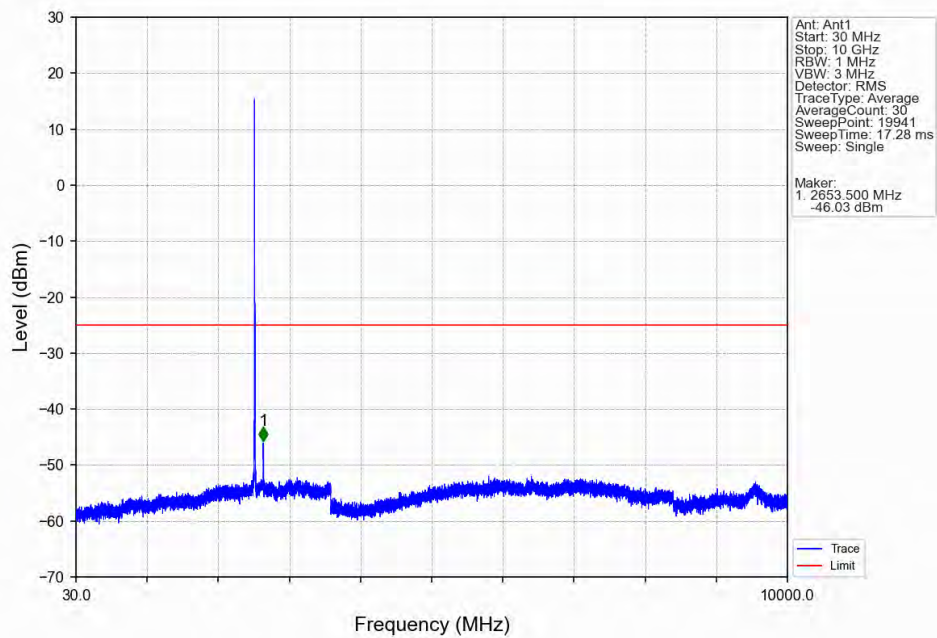
Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



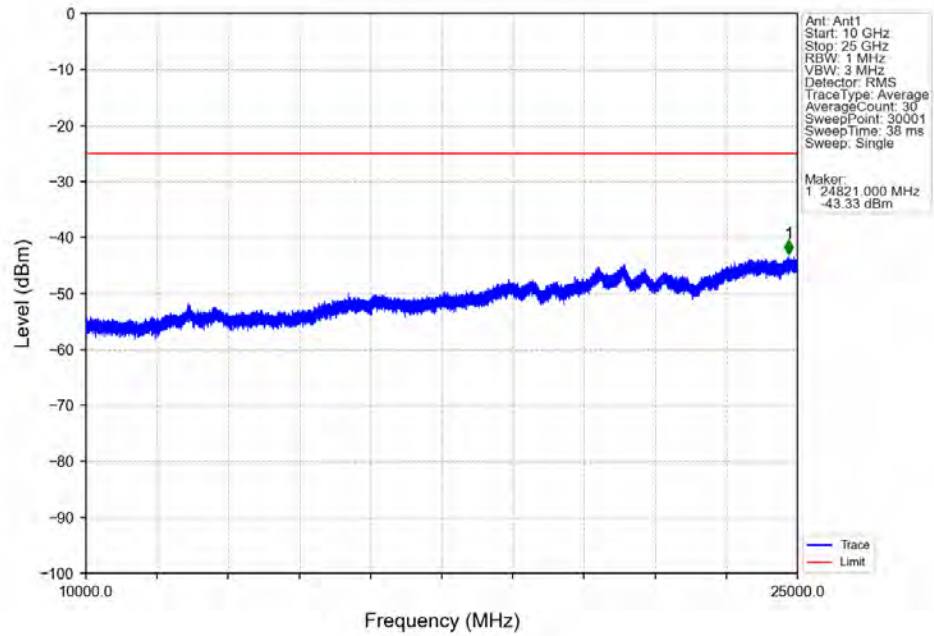
Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



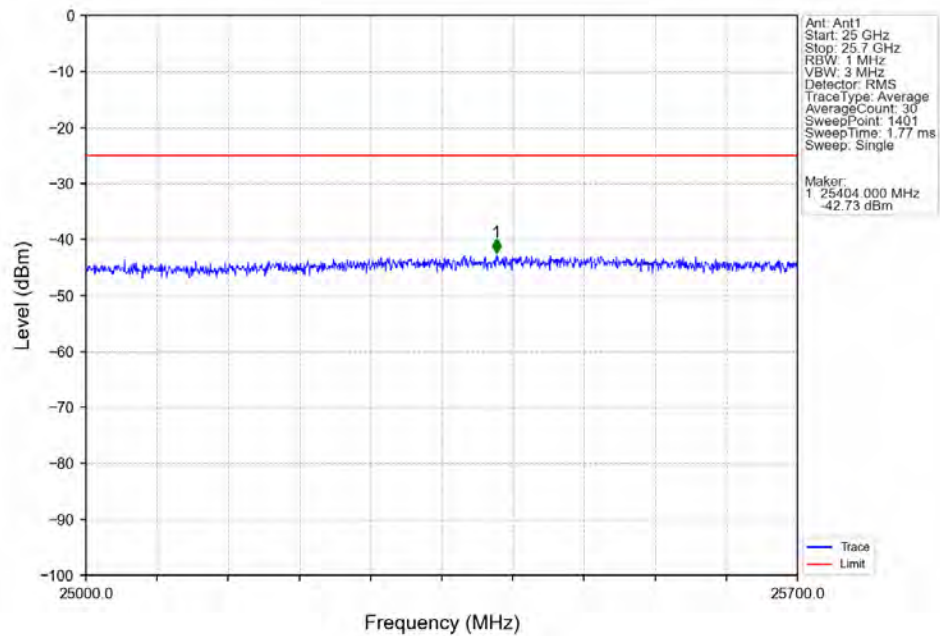
Band7_10MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



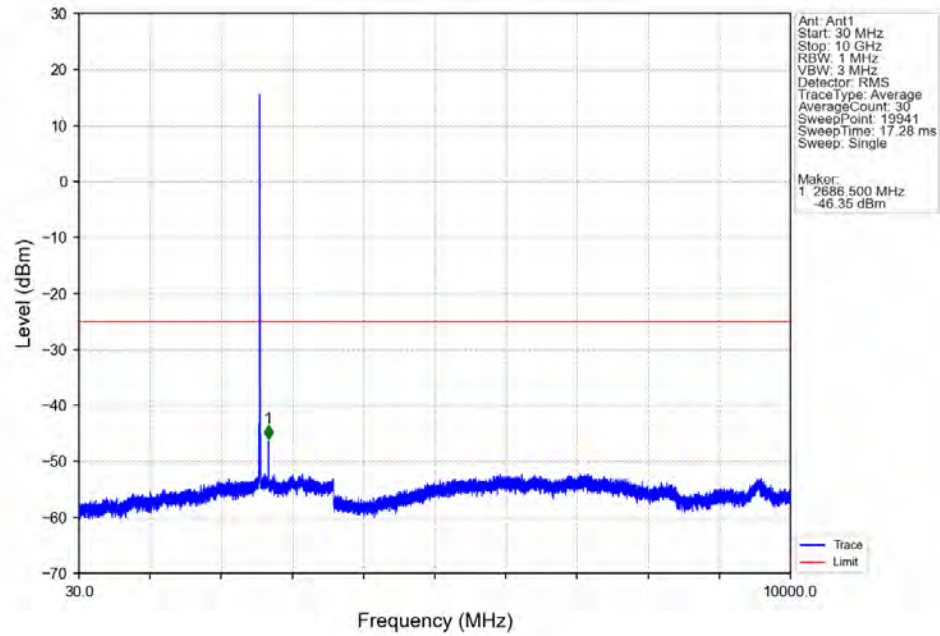
Band7_10MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



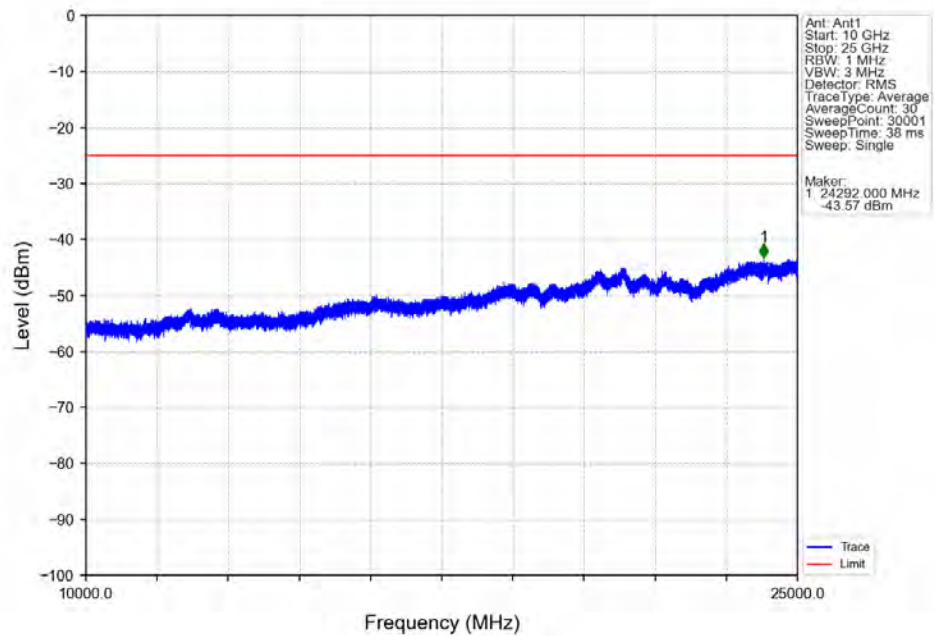
Band7_10MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



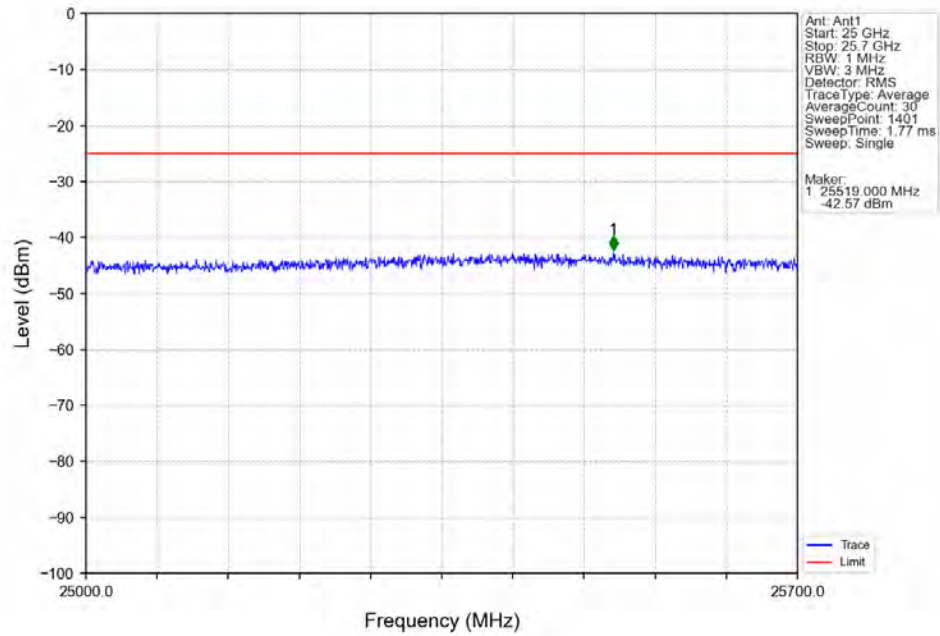
Band7_10MHz_16QAM_HCH_2565MHz_RB_1_0_NTNV



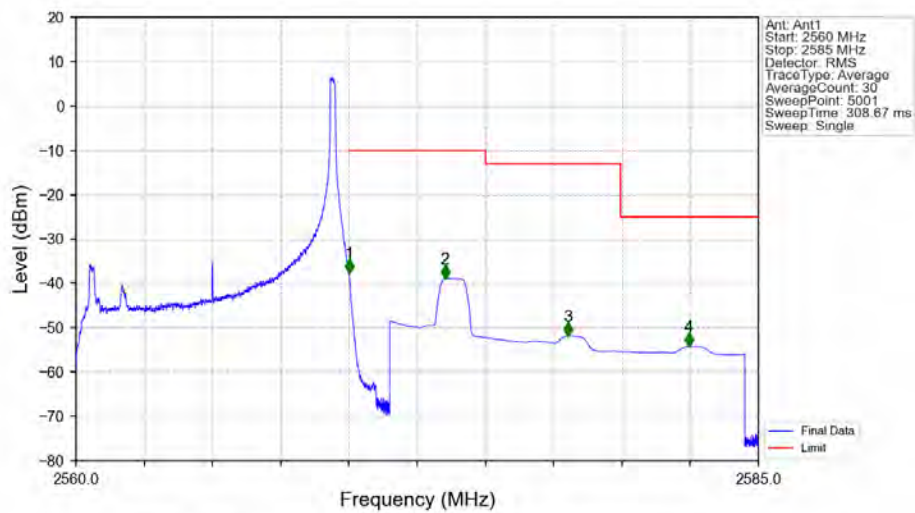
Band7_10MHz_16QAM_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_16QAM_HCH_2565MHz_RB_1_0_NTNV



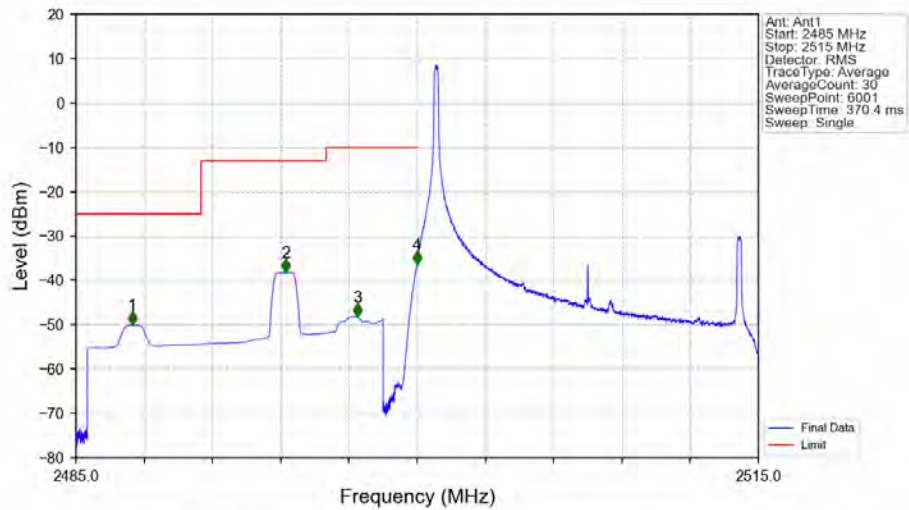
Band7_10MHz_16QAM_HCH_2565MHz_RB_1_49_NTNV



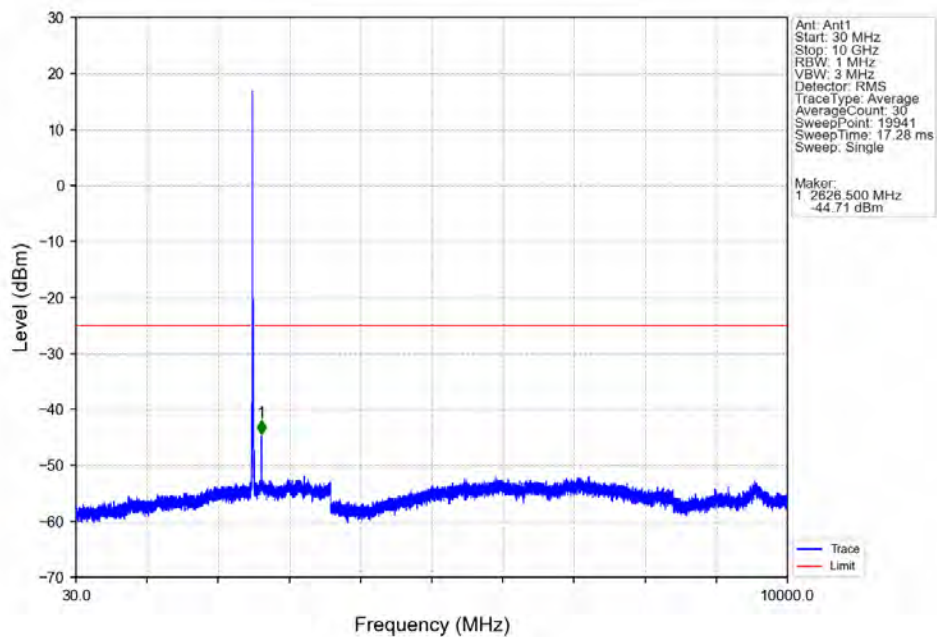
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-37.67	-10	Pass
2571	2575	1	CHP	2	2573.520	-38.93	-10	Pass
2575	2579.947	1	CHP	3	2578.035	-51.84	-13	Pass
2579.947	2585	1	CHP	4	2582.460	-54.29	-25	Pass

5.2.3 B7_15MHz

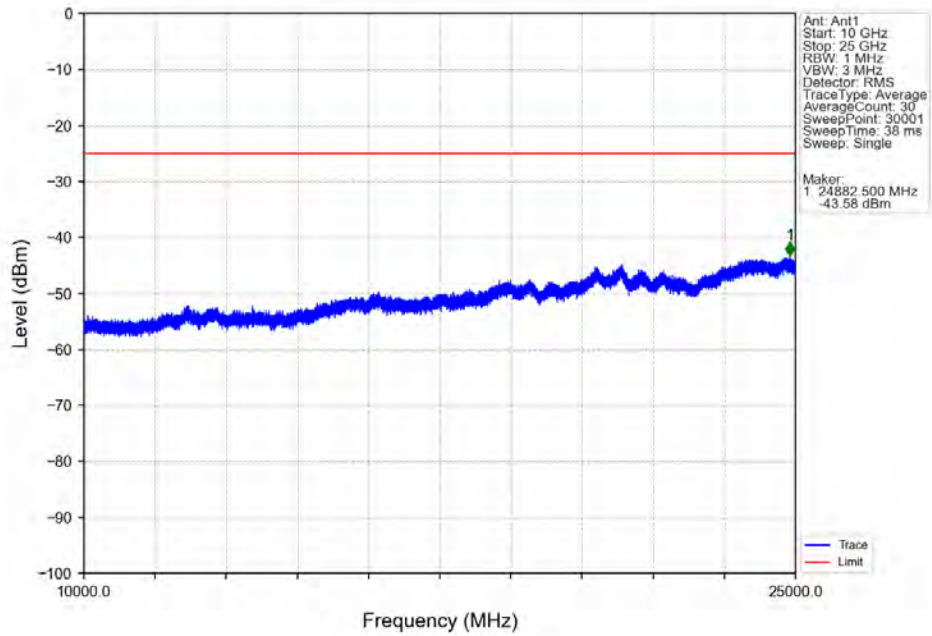
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



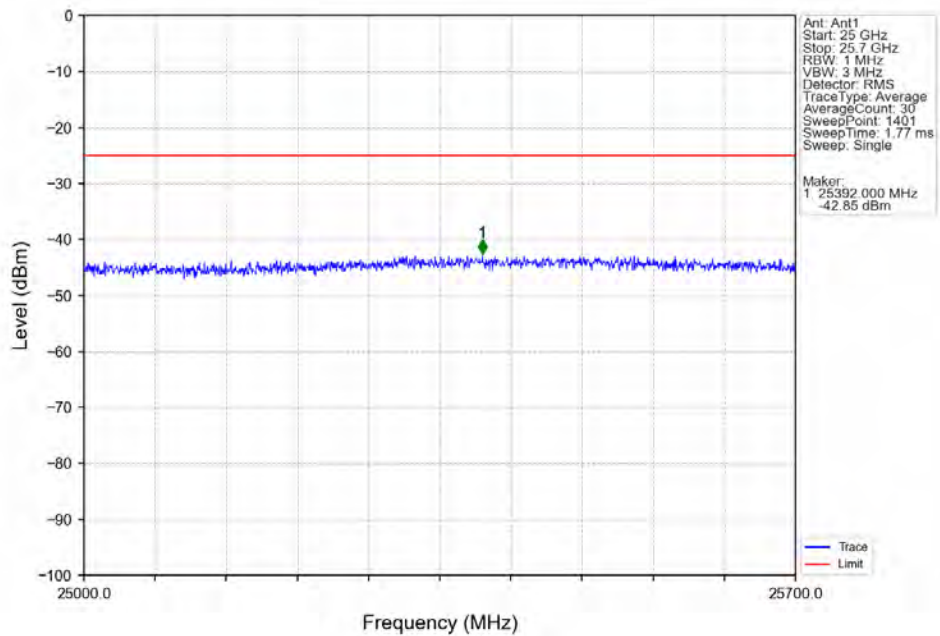
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



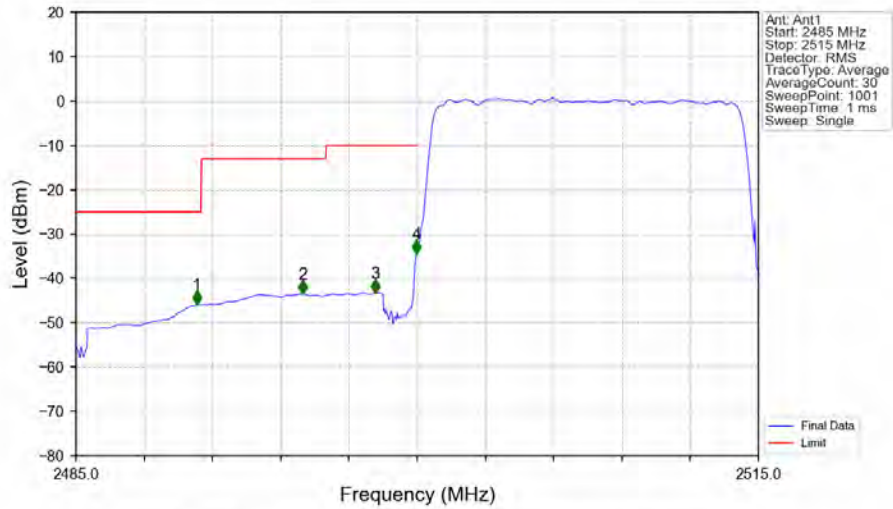
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



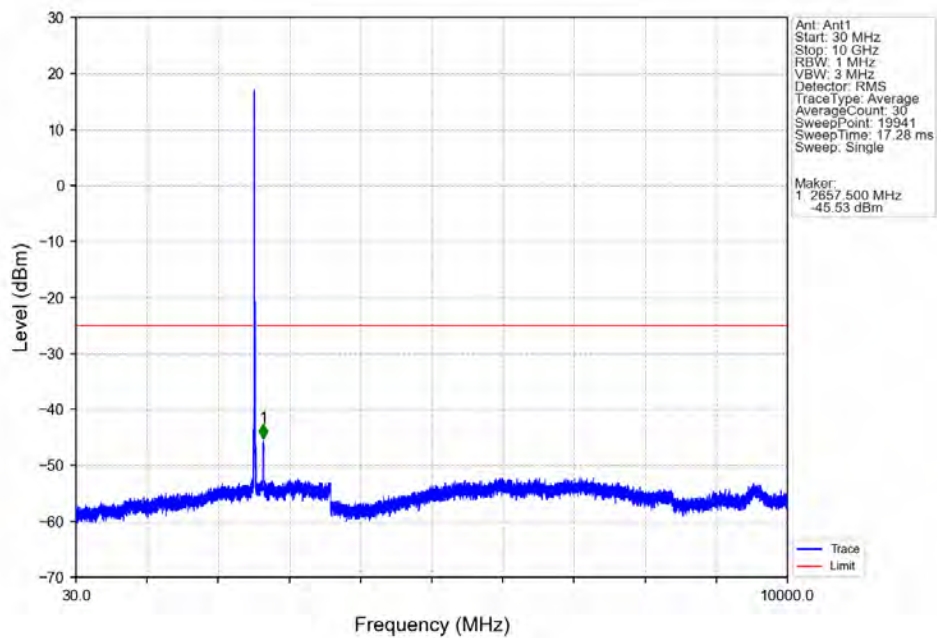
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



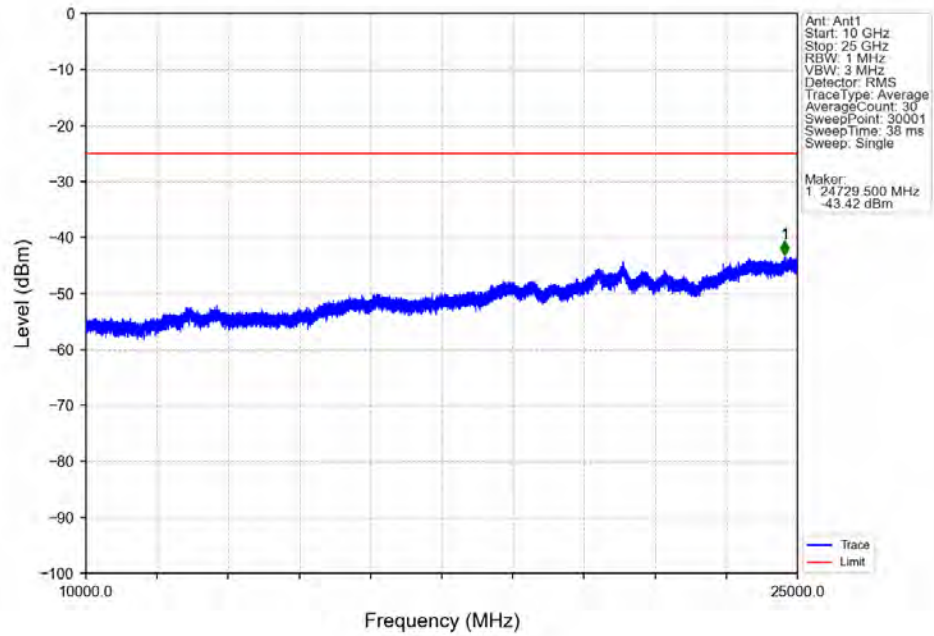
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



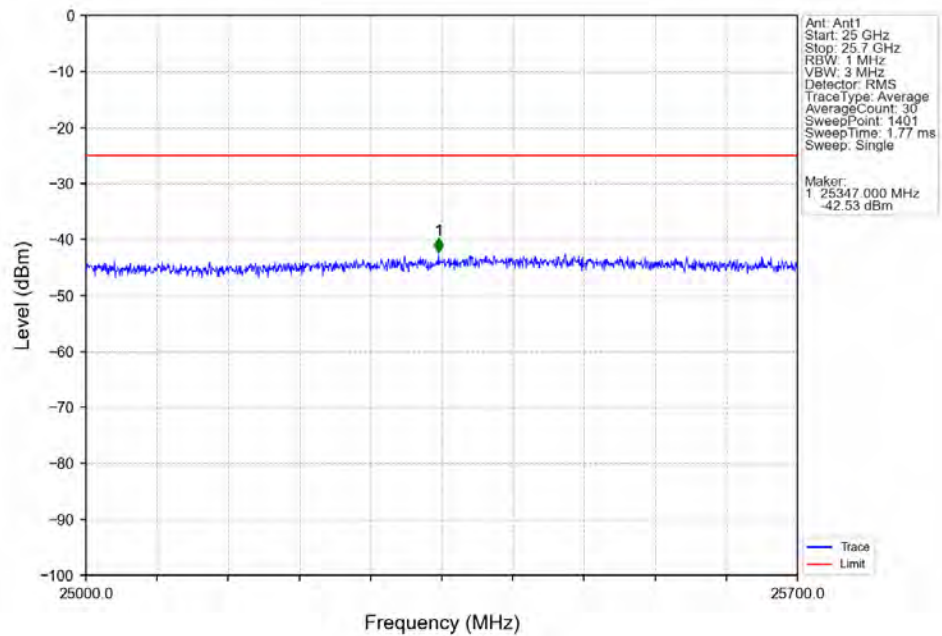
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



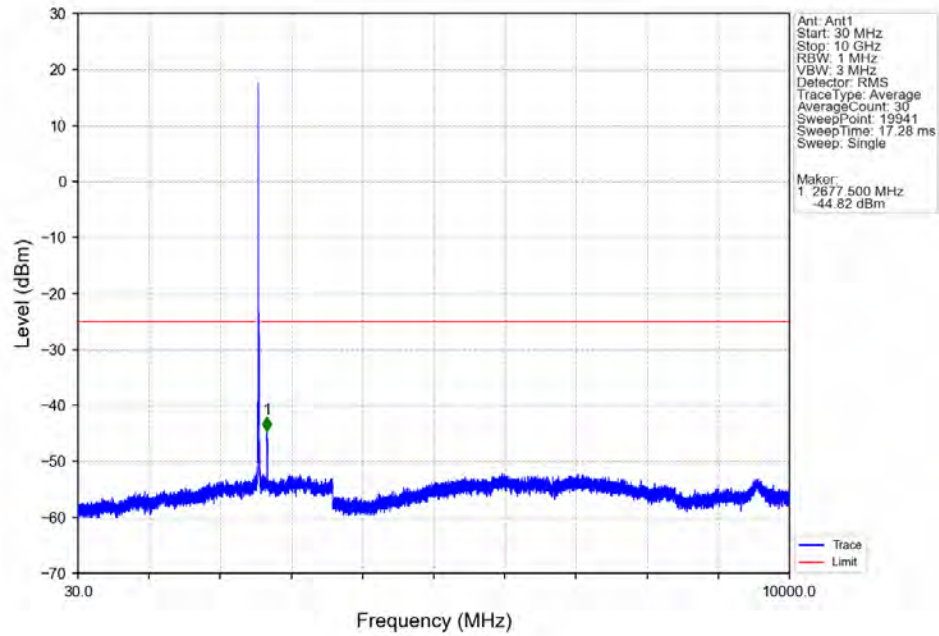
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



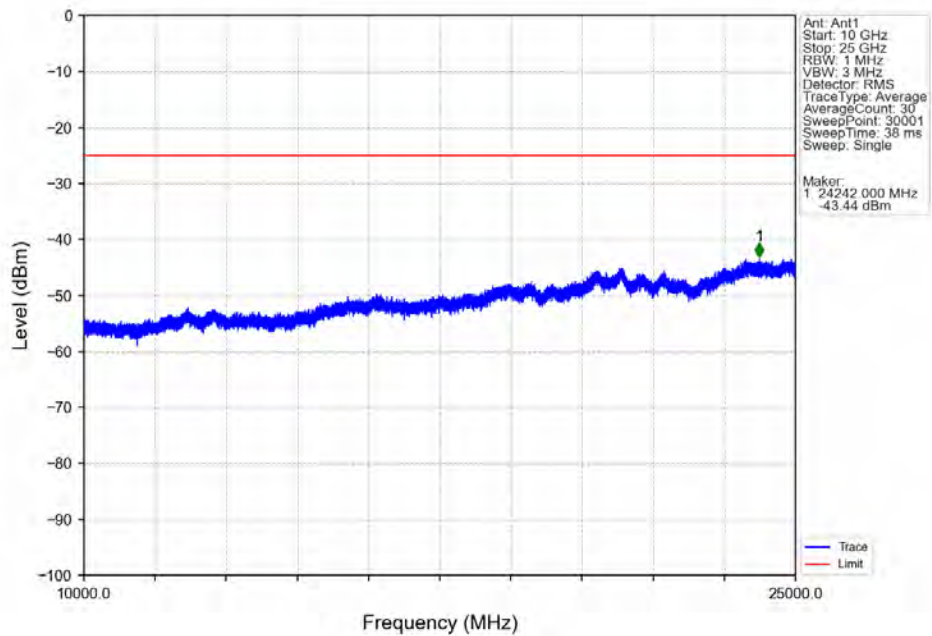
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



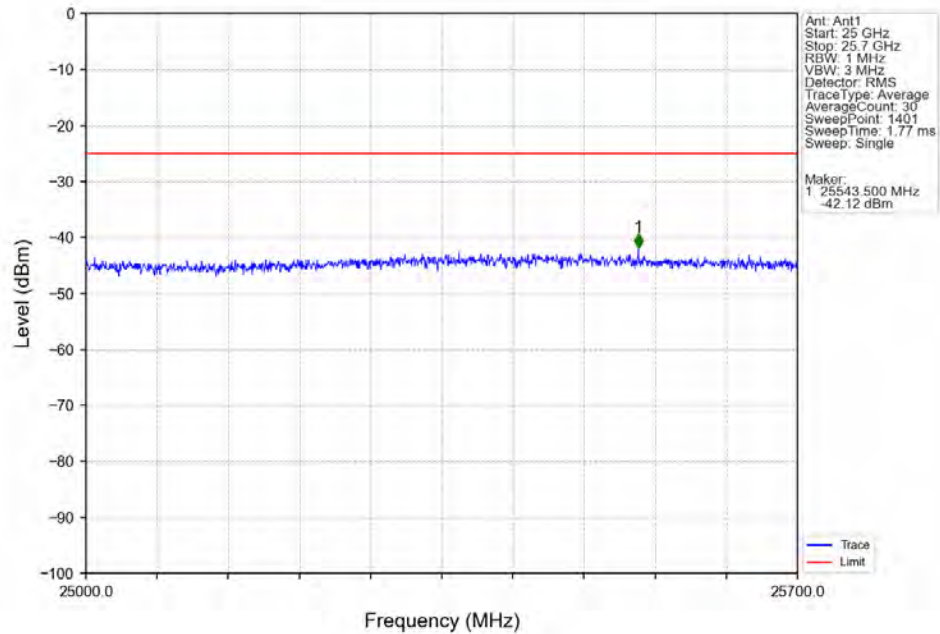
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



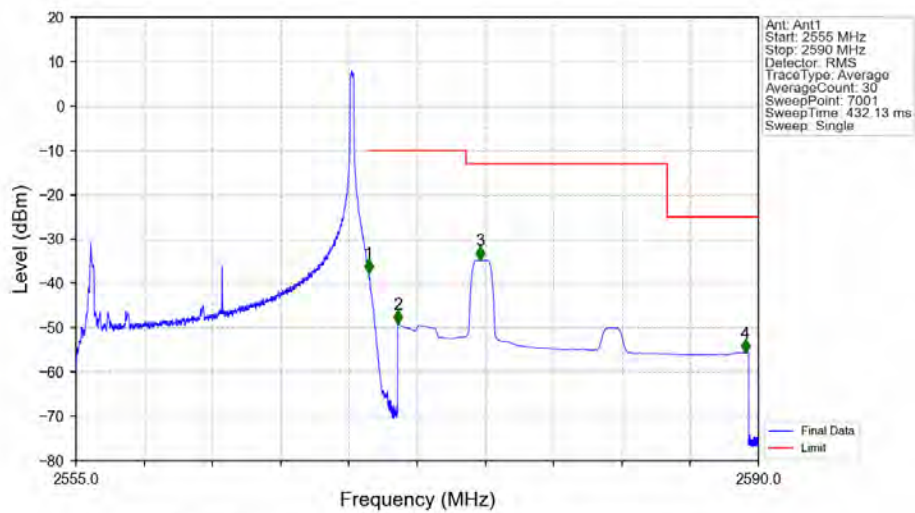
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV

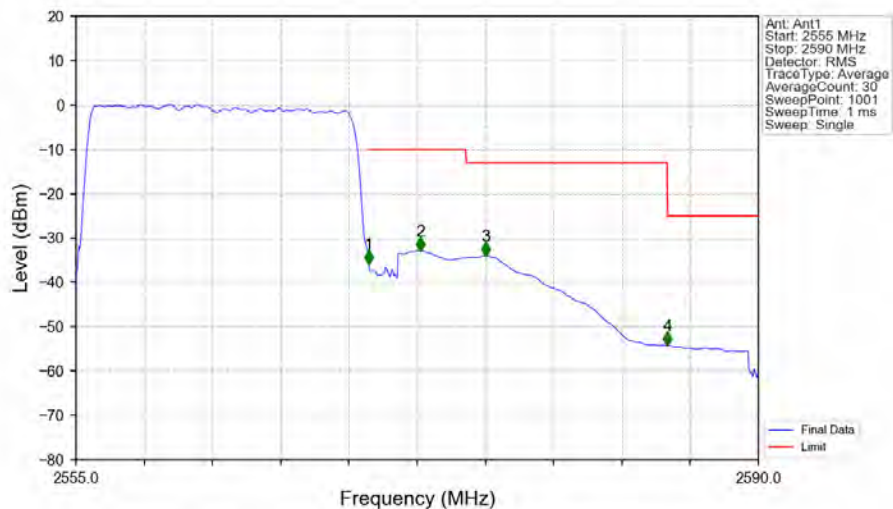


Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



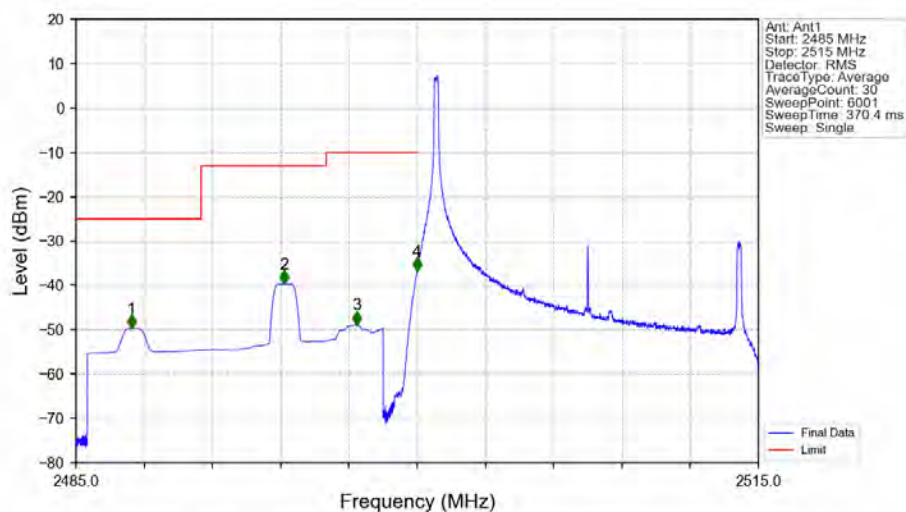
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-37.62	-10	Pass
2571	2575	1	CHP	2	2571.500	-49.09	-10	Pass
2575	2585.319	1	CHP	3	2575.720	-34.84	-13	Pass
2585.319	2590	1	CHP	4	2589.330	-55.64	-25	Pass

Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



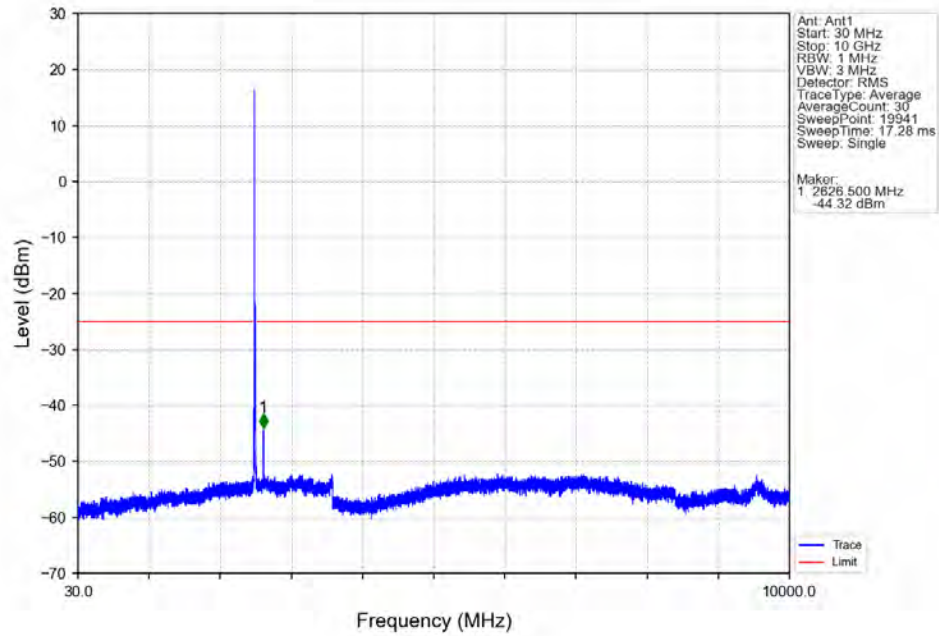
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.306	CHP	/	/	/	/	/
2570	2571	0.306	CHP	1	2570.015	-35.79	-10	Pass
2571	2575	1	CHP	2	2572.675	-32.92	-10	Pass
2575	2585.319	1	CHP	3	2576.000	-33.96	-13	Pass
2585.319	2590	1	CHP	4	2585.345	-54.25	-25	Pass

Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV

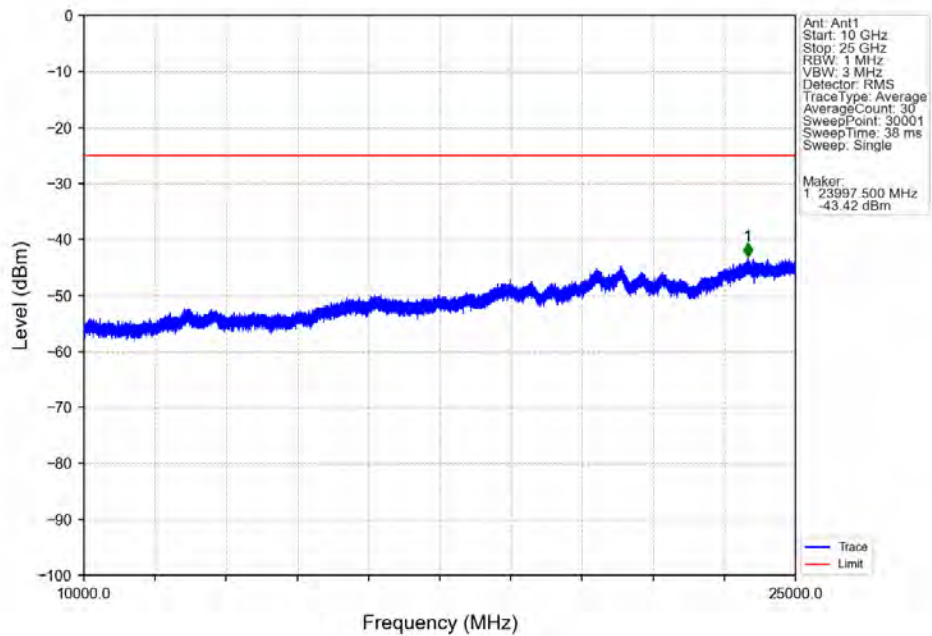


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.430	-49.70	25	Pass
2490.5	2496	1	CHP	2	2494.160	-39.72	-13	Pass
2496	2499	1	CHP	3	2497.355	-48.89	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-36.79	-10	Pass
2500	2515	0.02	CHP	/	/	/	/	/

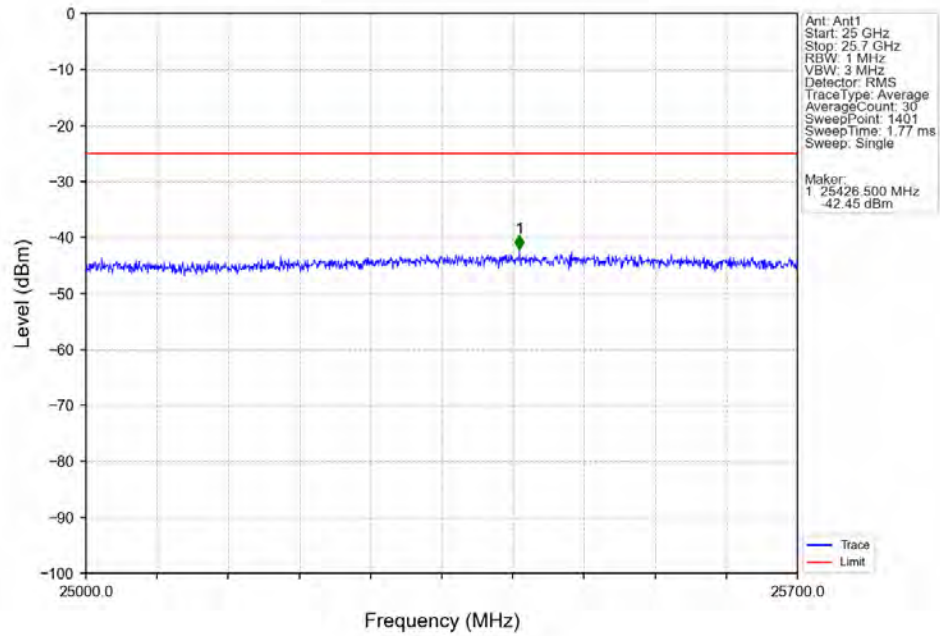
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



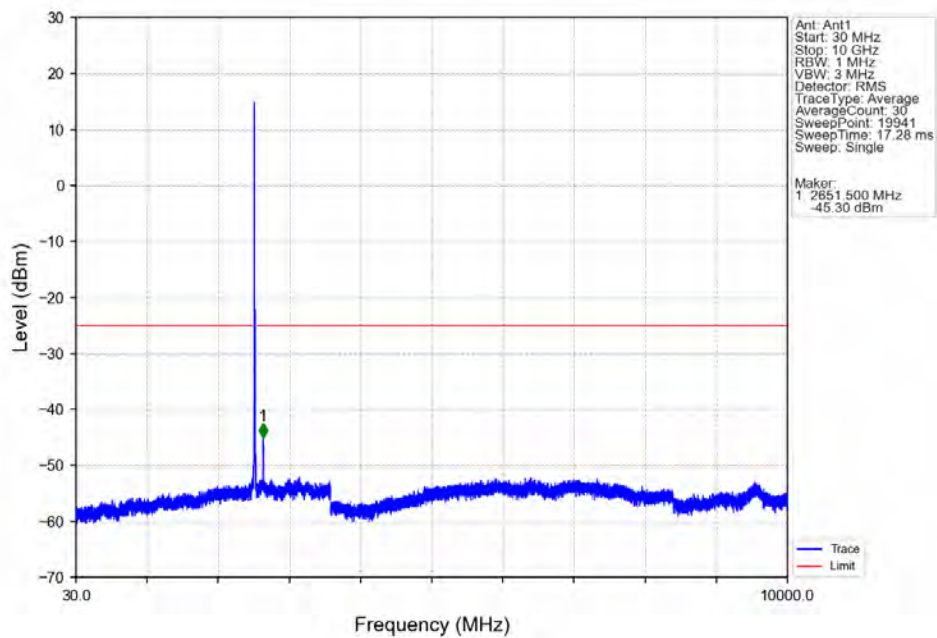
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



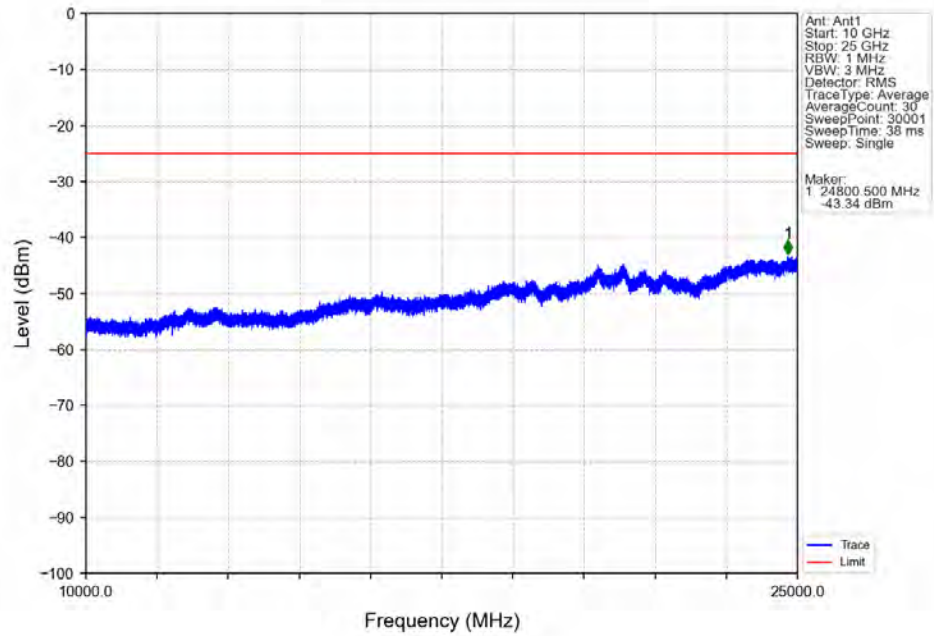
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



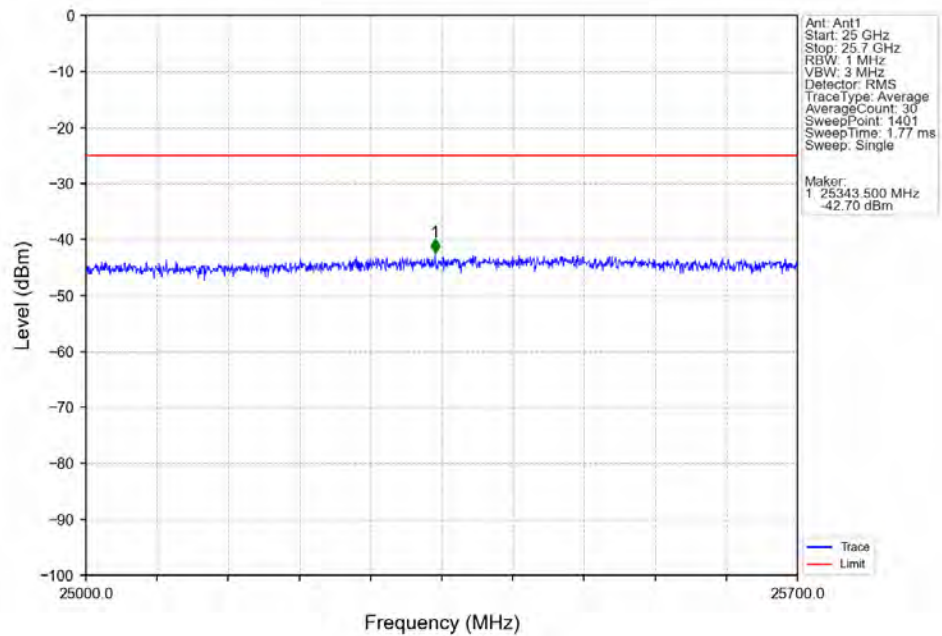
Band7_15MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



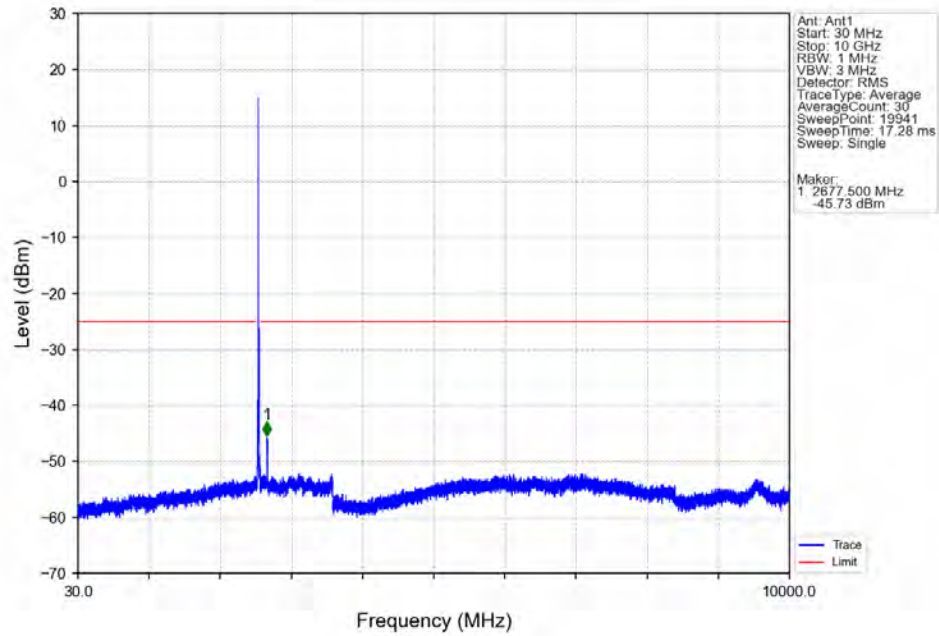
Band7_15MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



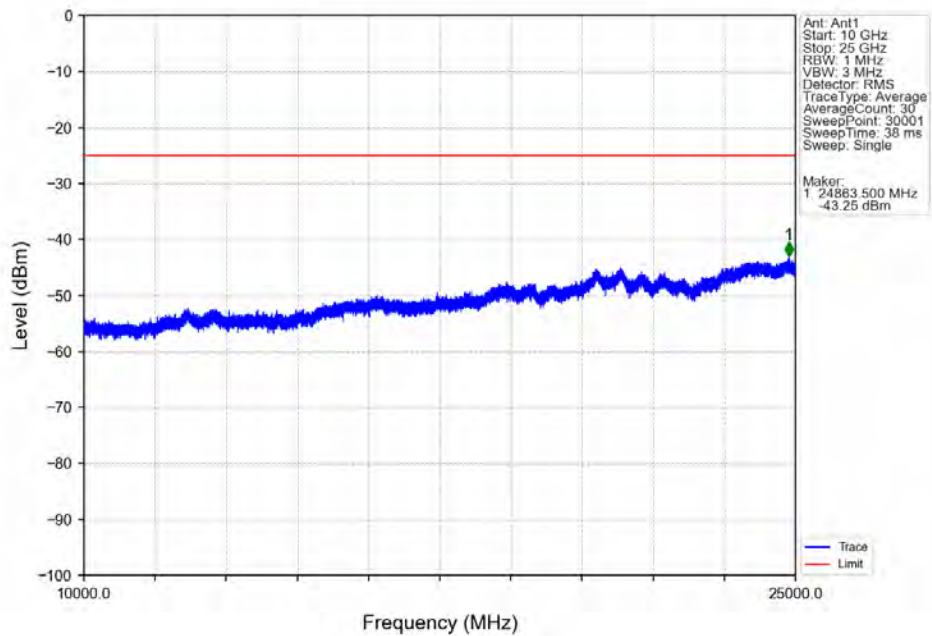
Band7_15MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



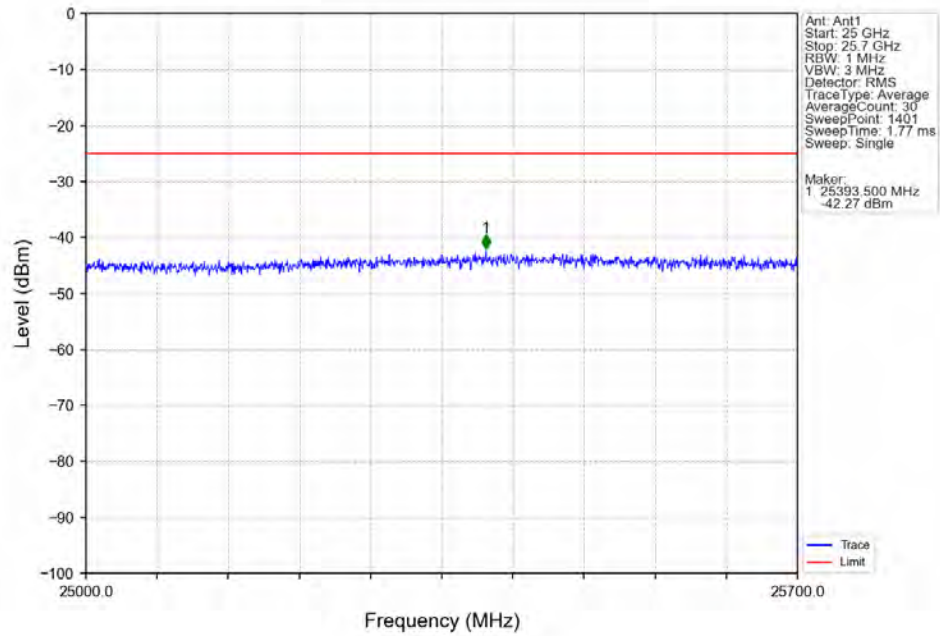
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_0_NTNV



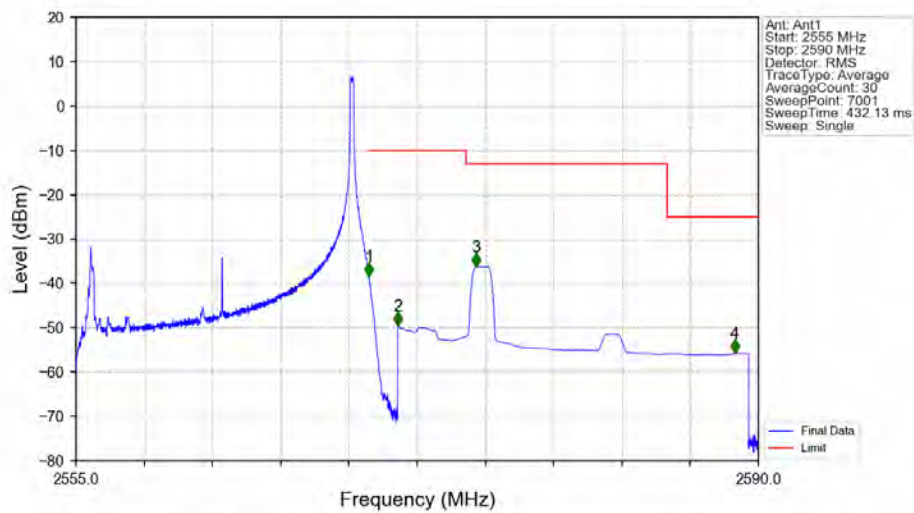
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_0_NTNV



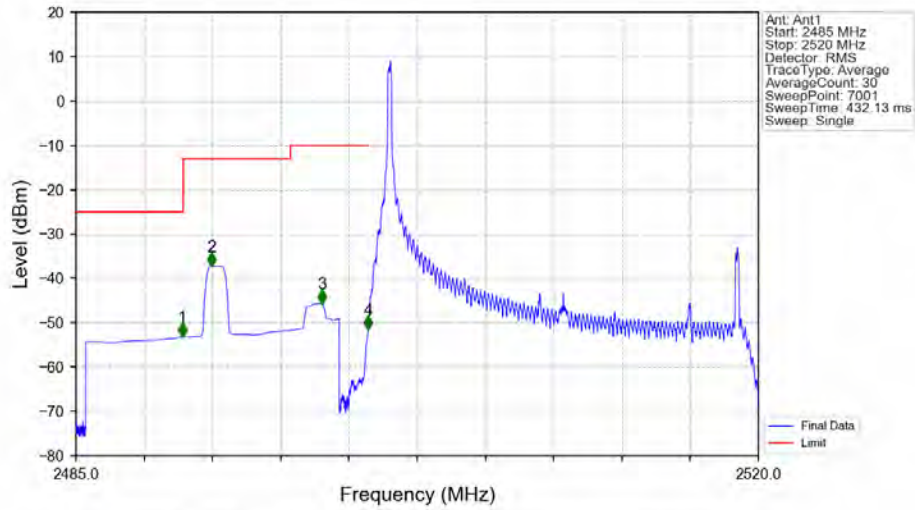
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_74_NTNV



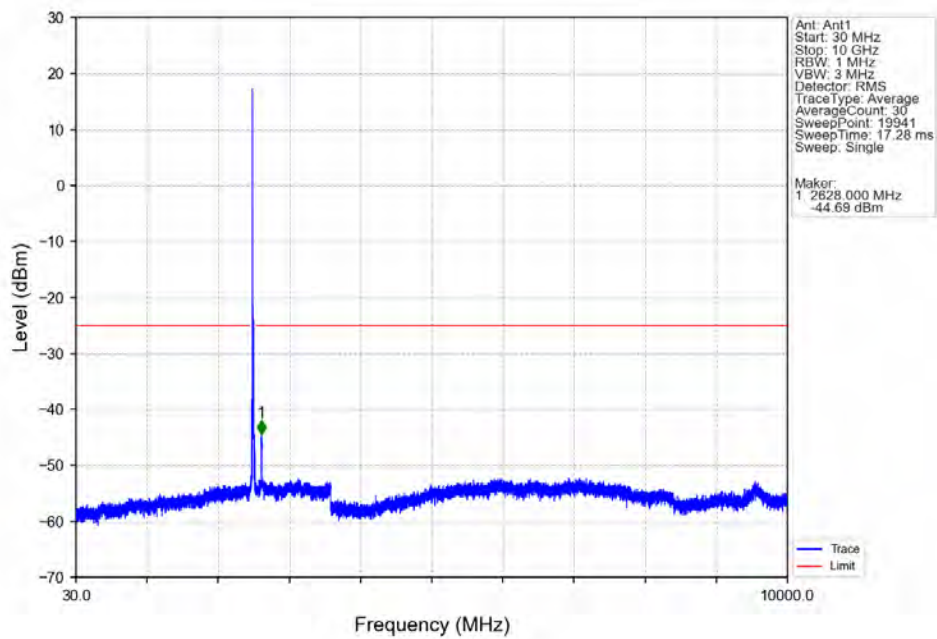
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.035	-38.44	-10	Pass
2571	2575	1	CHP	2	2571.500	-49.58	-10	Pass
2575	2585.319	1	CHP	3	2575.535	-36.29	-13	Pass
2585.319	2590	1	CHP	4	2588.785	-55.76	-25	Pass

5.2.4 B7_20MHz

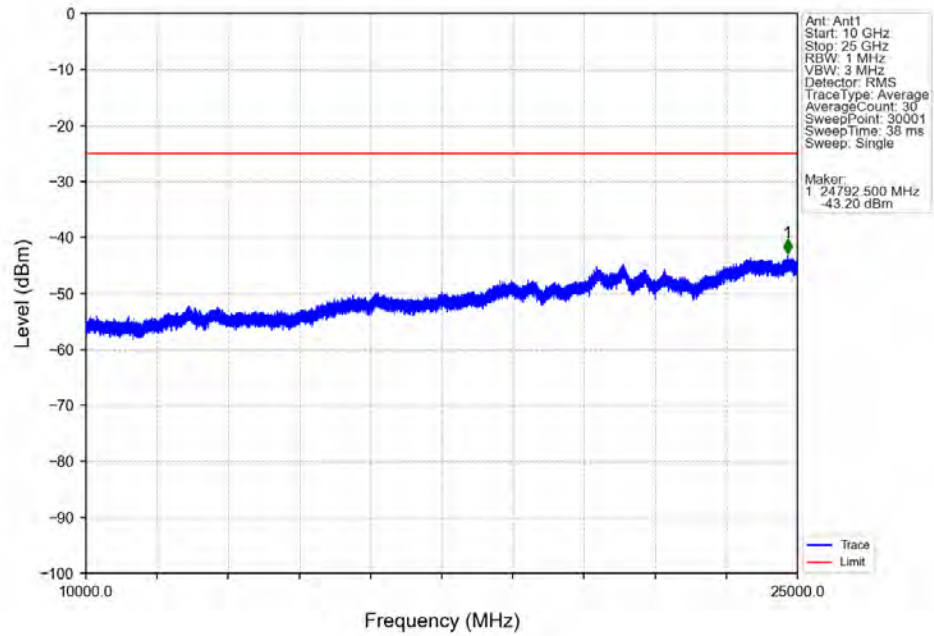
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



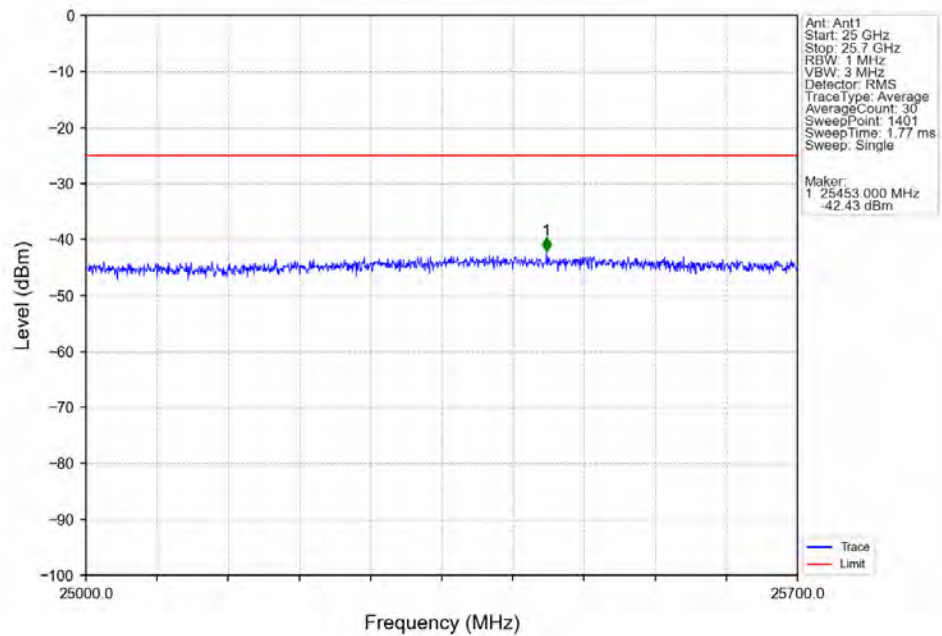
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



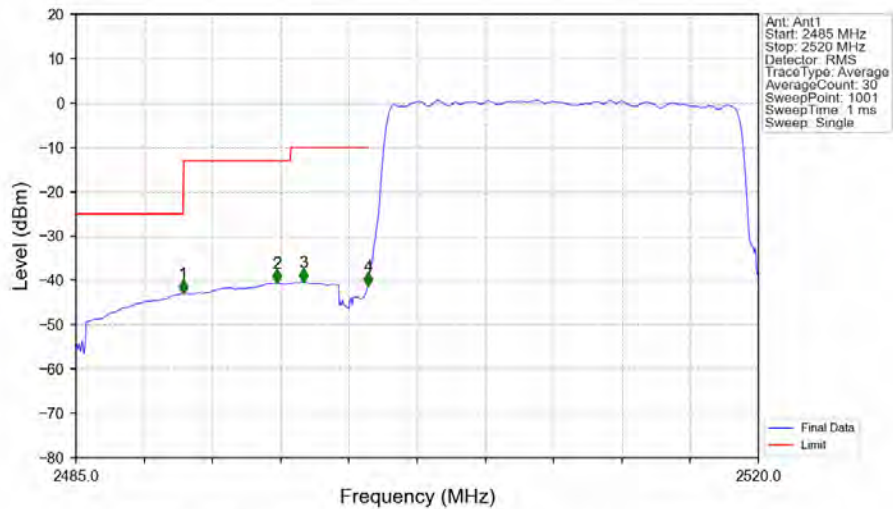
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

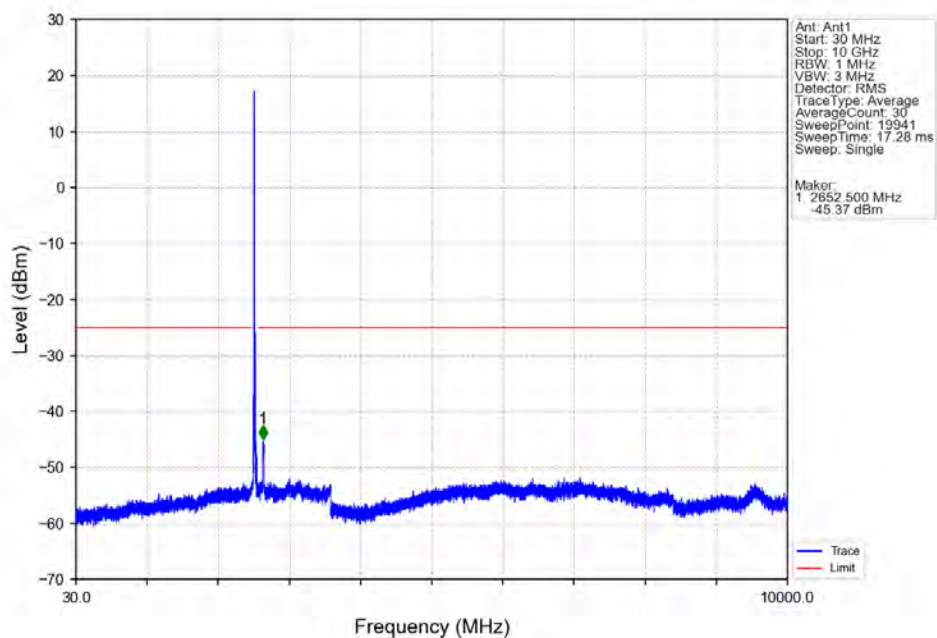


Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV

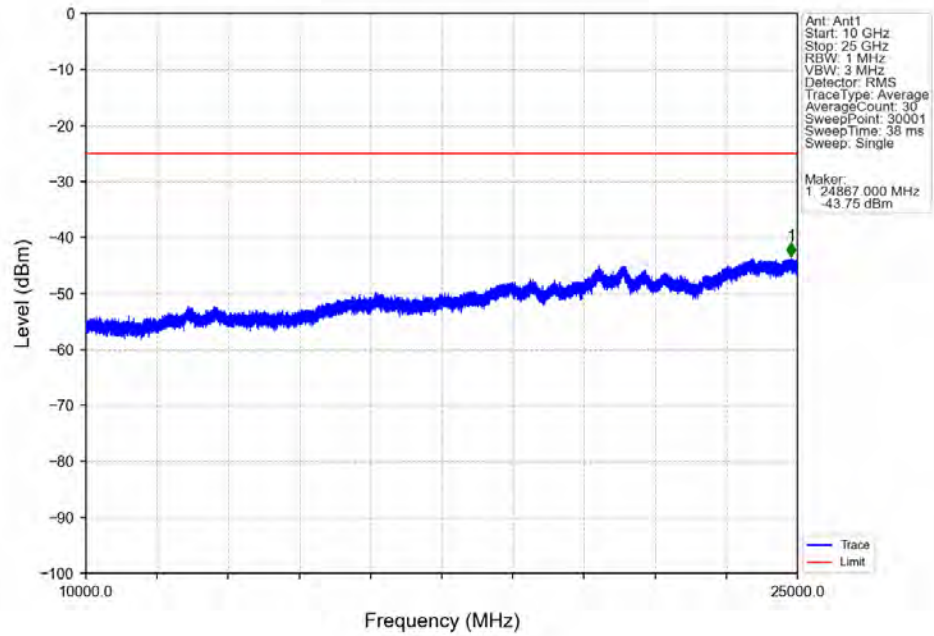


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-42.92	-25	Pass
2490.5	2496	1	CHP	2	2495.290	-40.58	-13	Pass
2496	2499	1	CHP	3	2496.655	-40.36	-10	Pass
2499	2500	0.396	CHP	4	2499.980	-41.25	-10	Pass
2500	2520	0.396	CHP	/	/	/	/	/

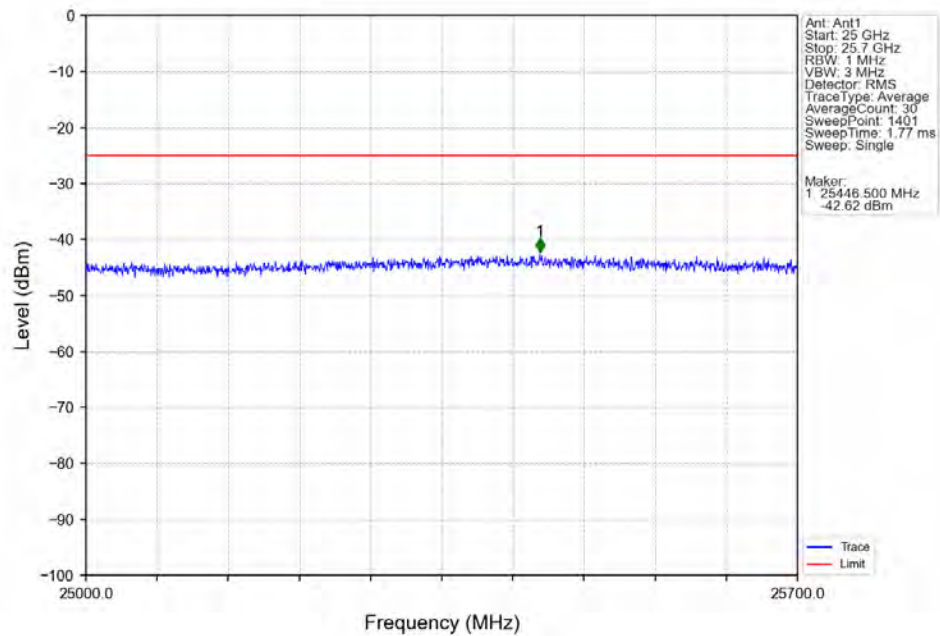
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



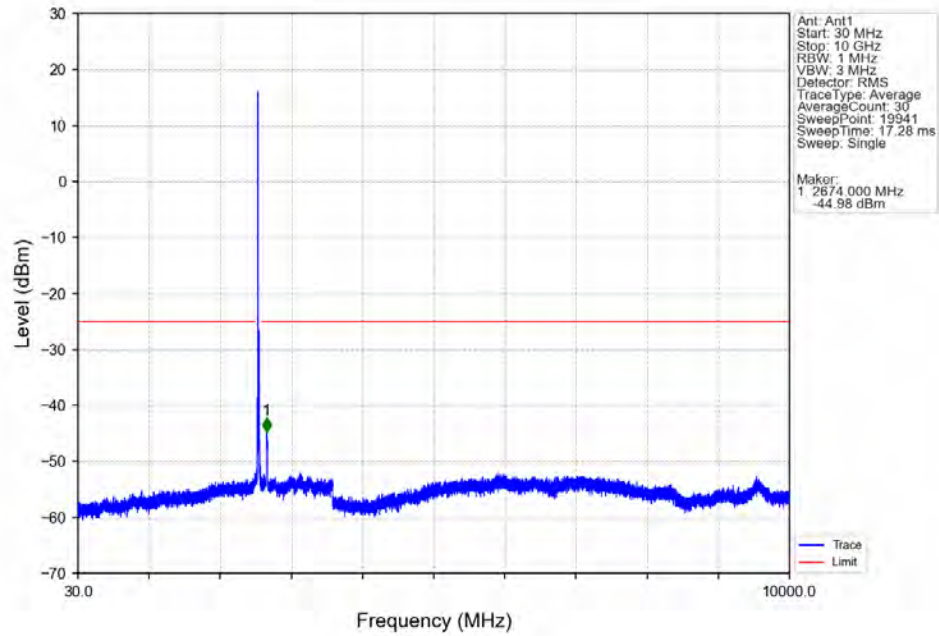
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



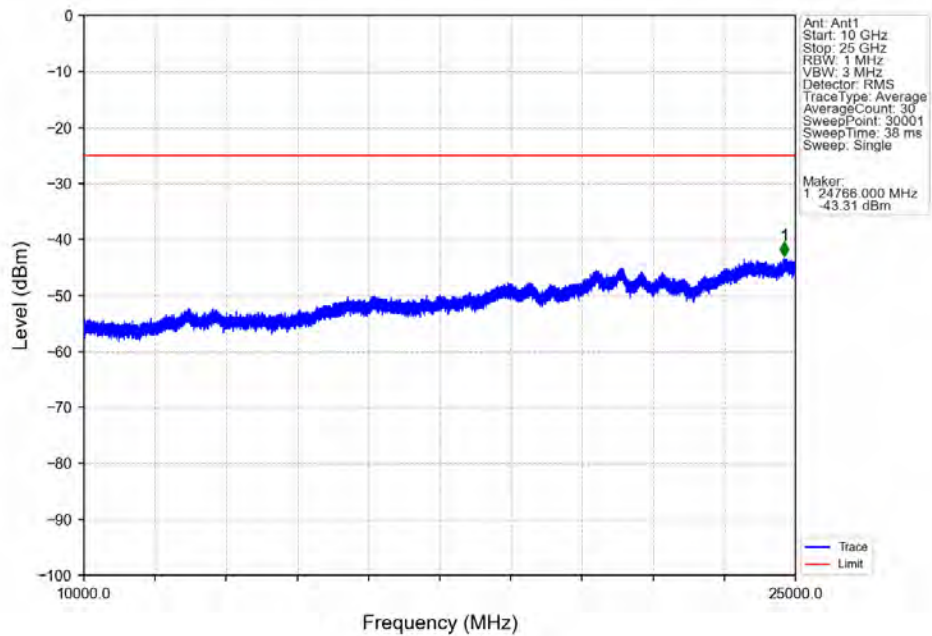
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



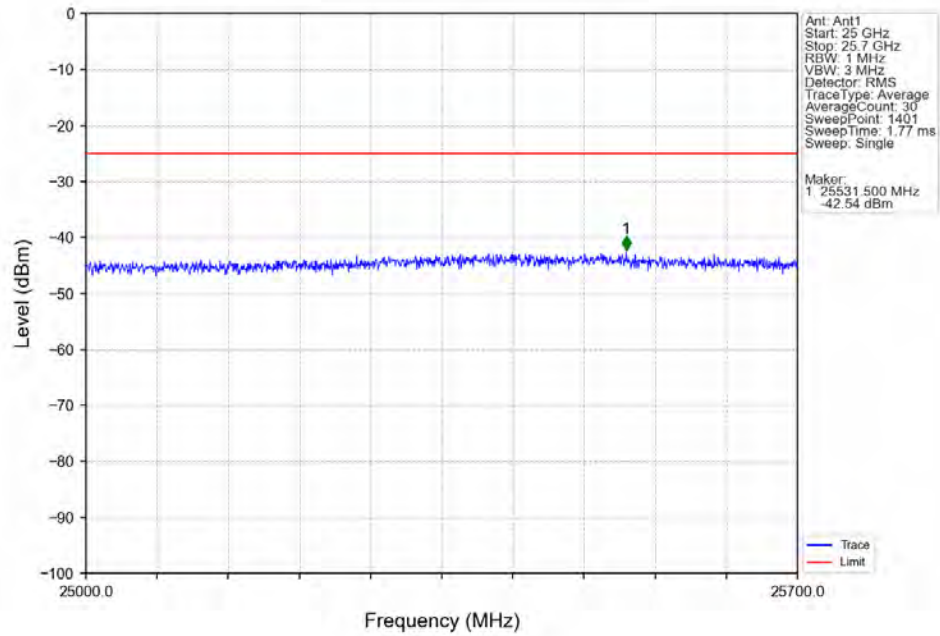
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



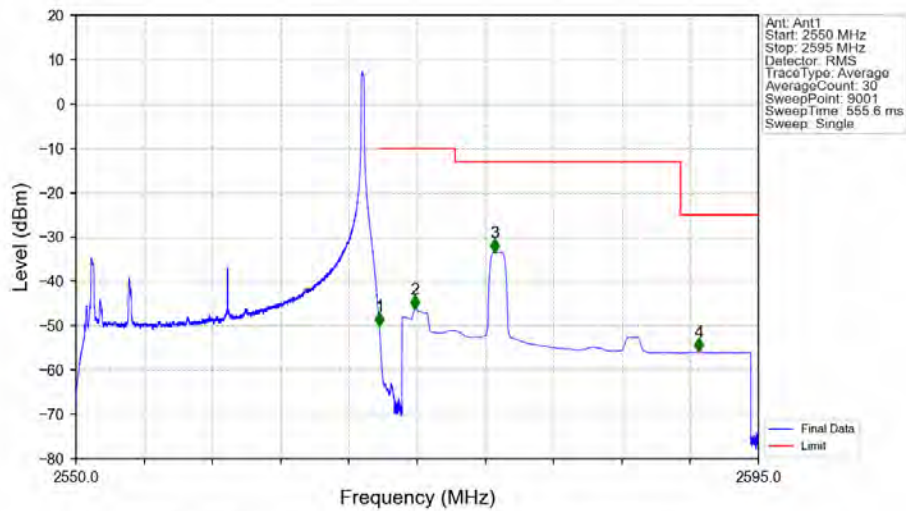
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV

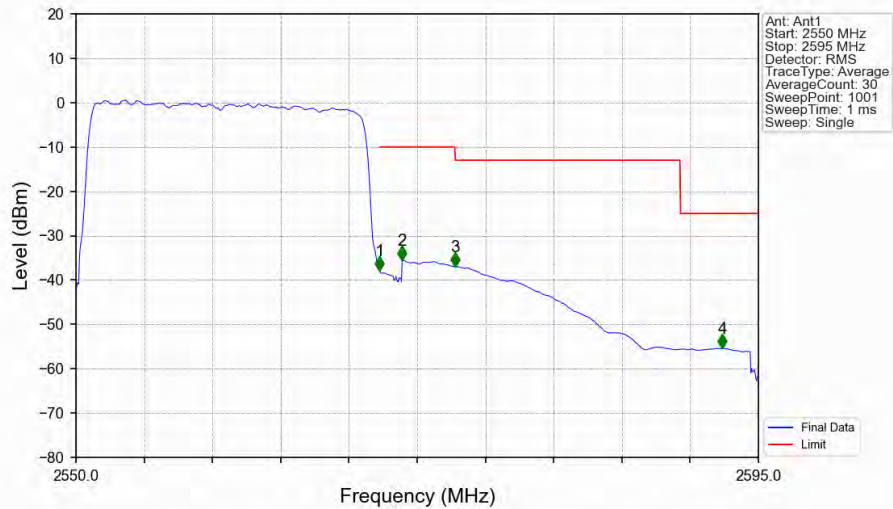


Band7_20MHz_QPSK_HCH_2560MHz_RB_1_99_NTNV



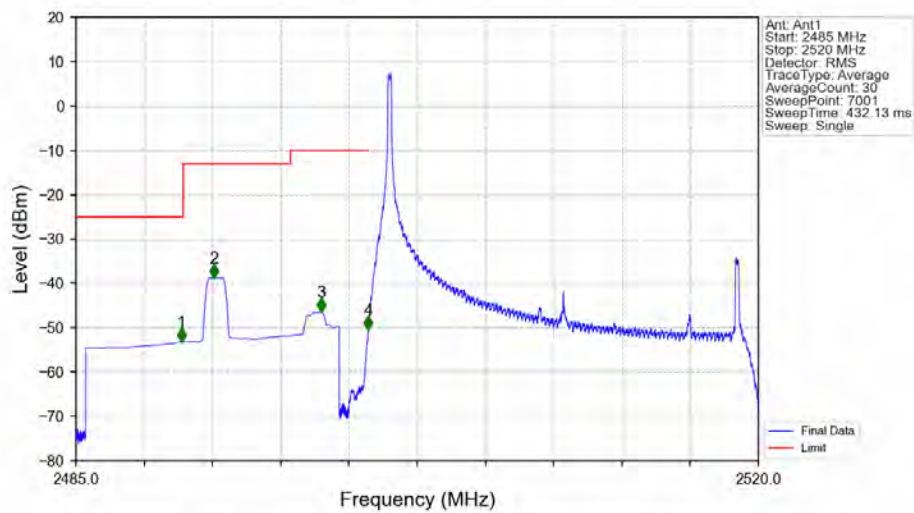
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-50.00	-10	Pass
2571	2575	1	CHP	2	2572.340	-46.21	-10	Pass
2575	2589.869	1	CHP	3	2577.620	-33.48	-13	Pass
2589.869	2595	1	CHP	4	2591.085	-55.92	-25	Pass

Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



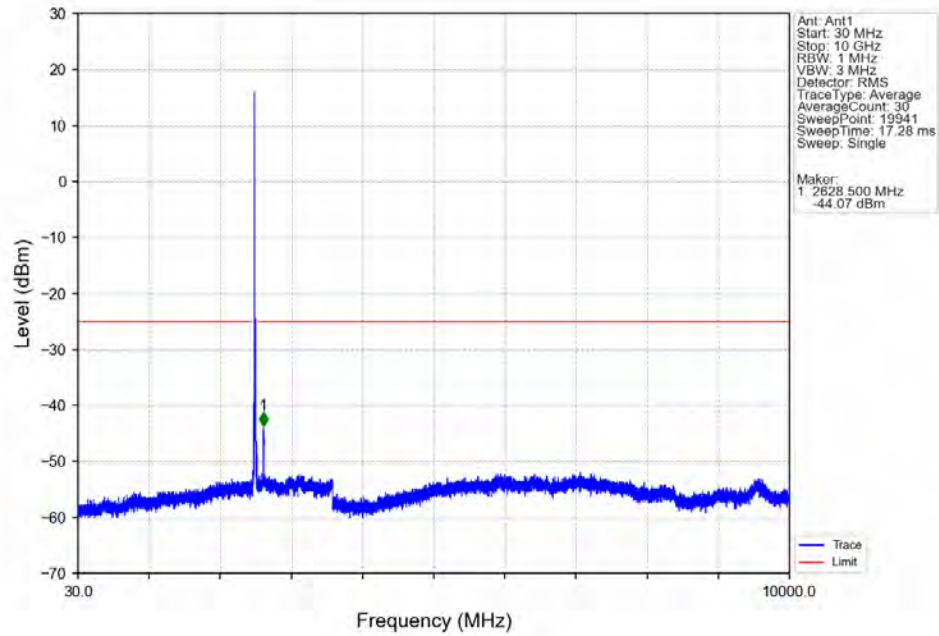
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.397	CHP	/	/	/	/	/
2570	2571	0.397	CHP	1	2570.025	-37.87	-10	Pass
2571	2575	1	CHP	2	2571.510	-35.54	-10	Pass
2575	2589.869	1	CHP	3	2575.020	-36.96	-13	Pass
2589.869	2595	1	CHP	4	2592.615	-55.41	-25	Pass

Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV

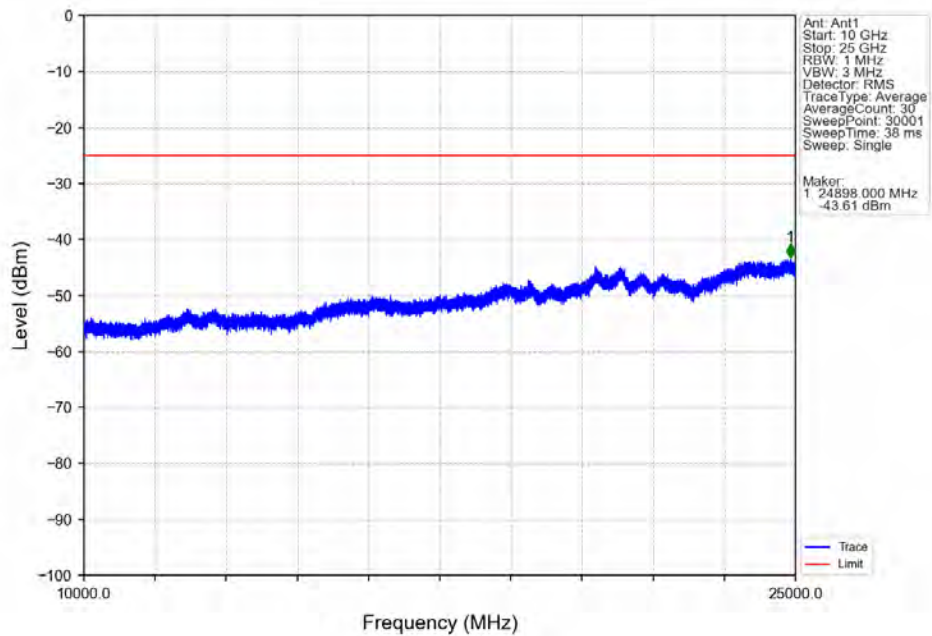


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.410	-53.20	-25	Pass
2490.5	2496	1	CHP	2	2492.070	-38.73	-13	Pass
2496	2499	1	CHP	3	2497.585	-46.50	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-50.46	-10	Pass
2500	2520	0.02	CHP	/	/	/	/	/

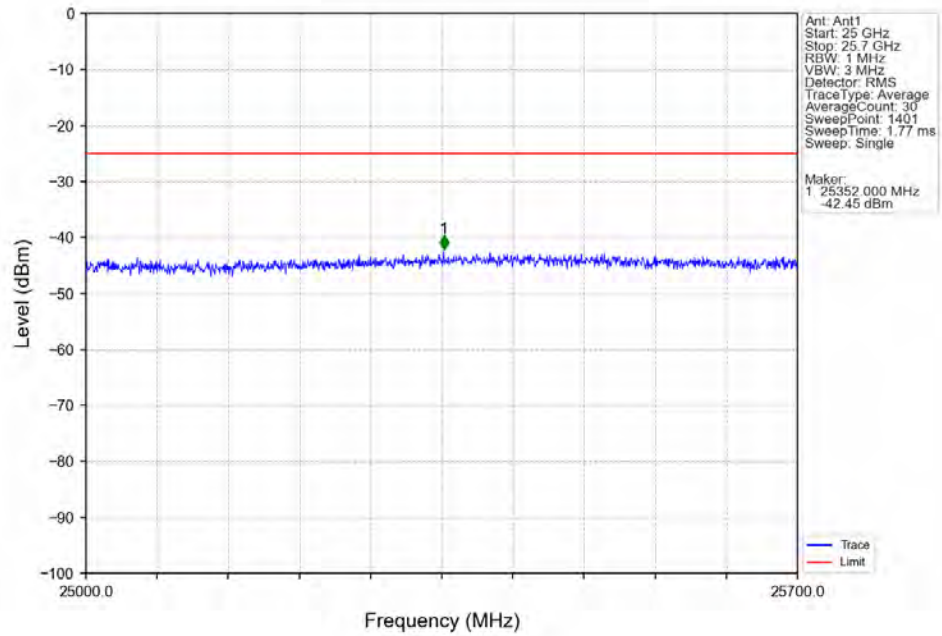
Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



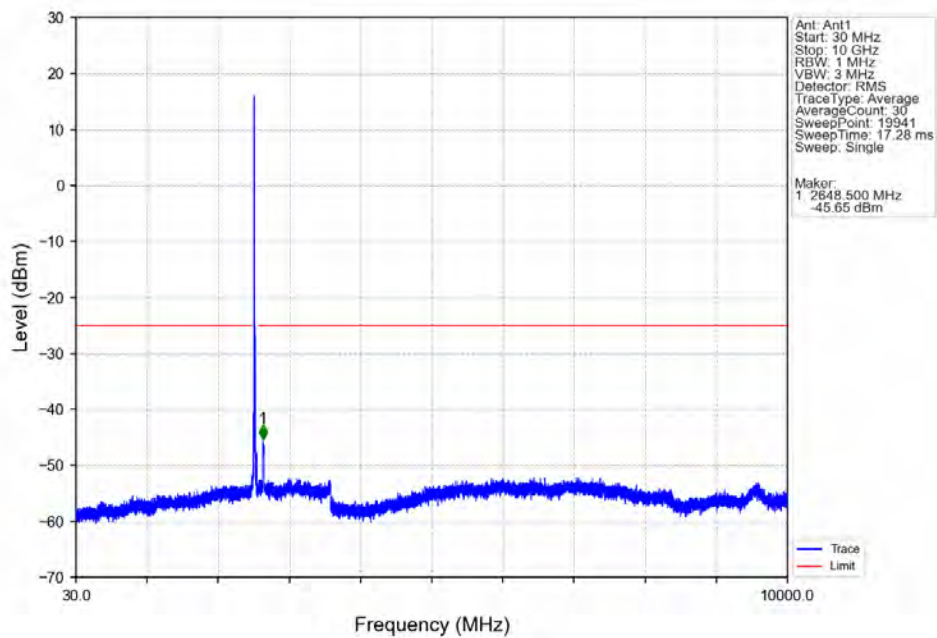
Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



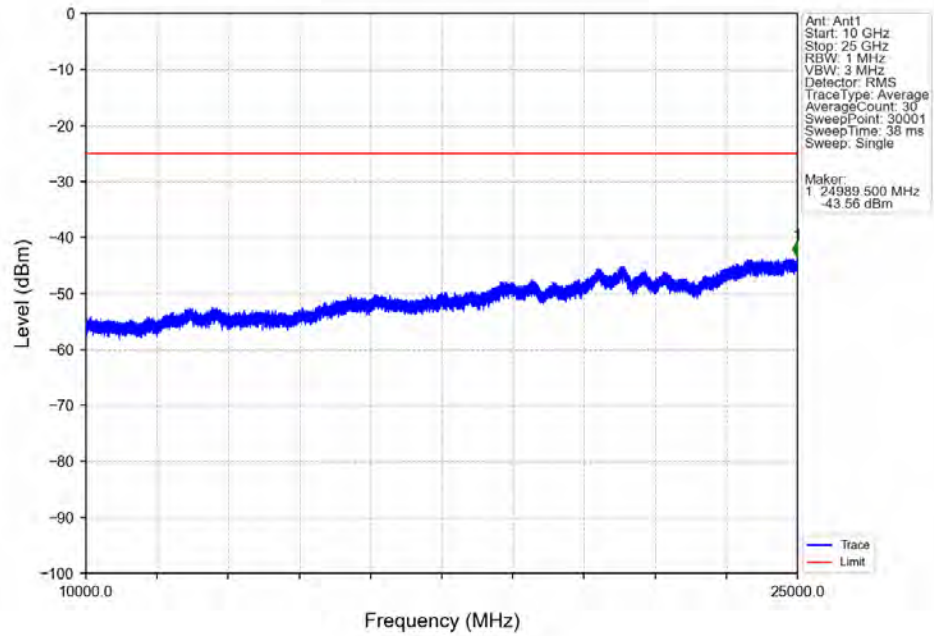
Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



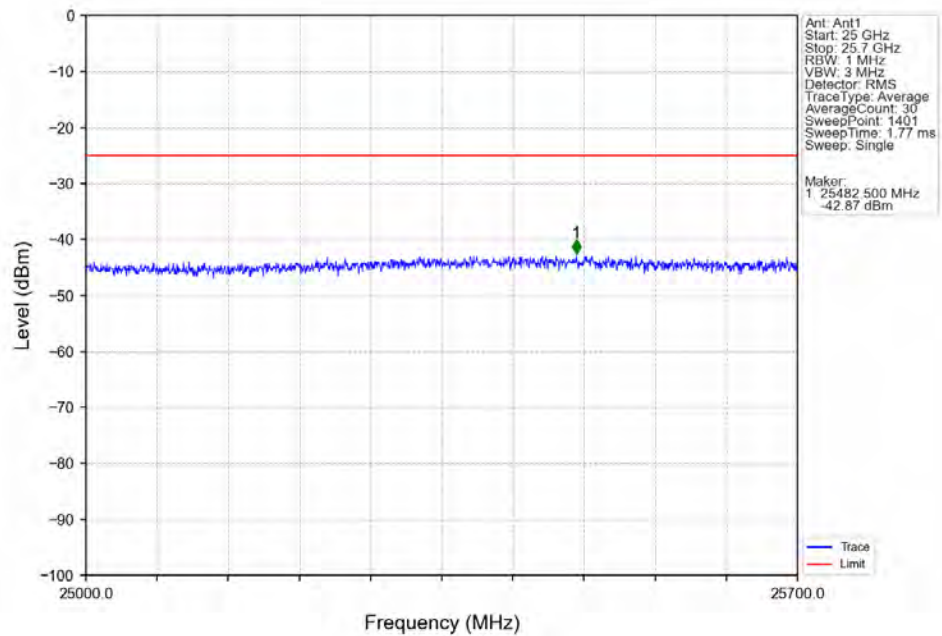
Band7_20MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



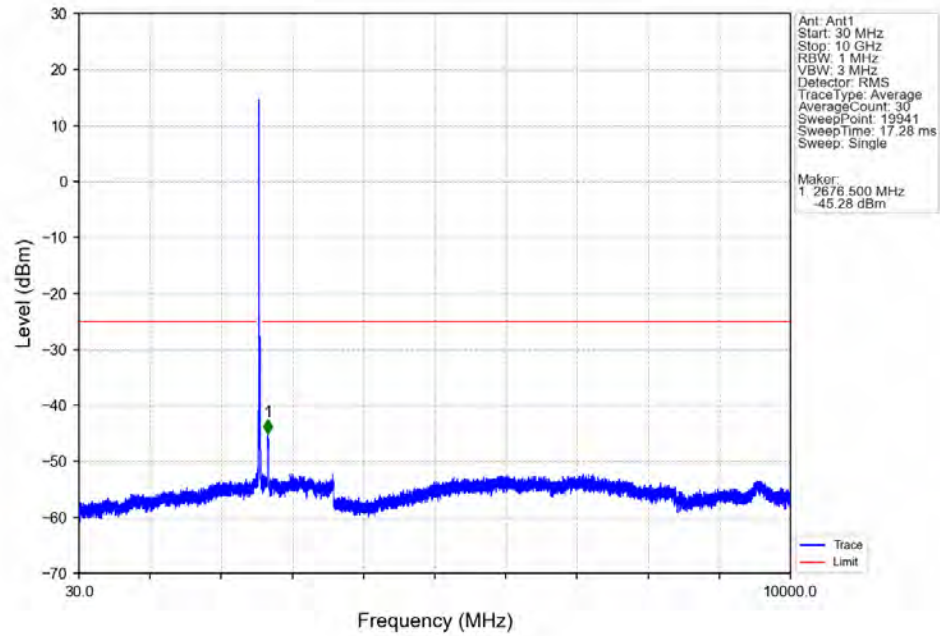
Band7_20MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



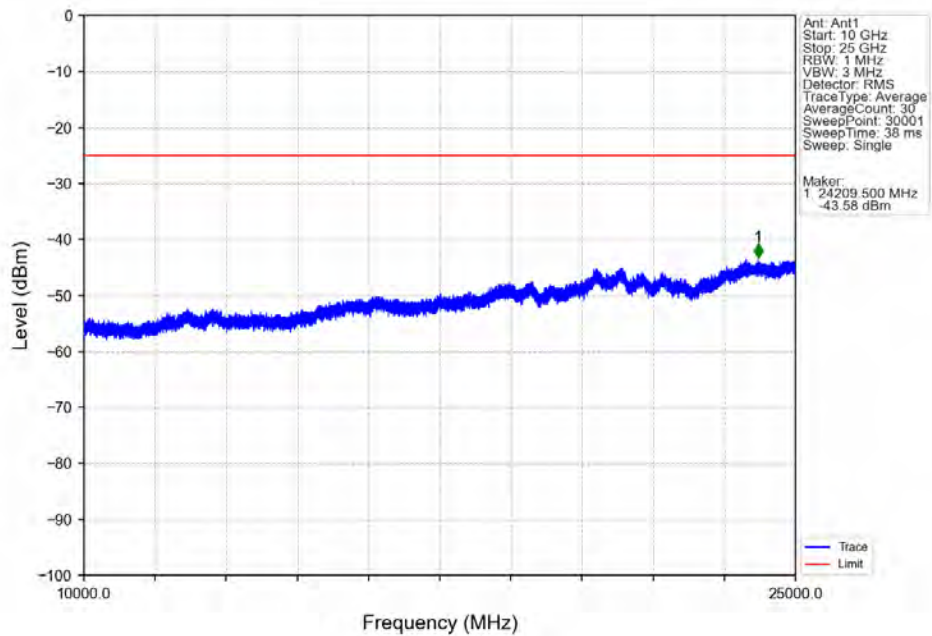
Band7_20MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



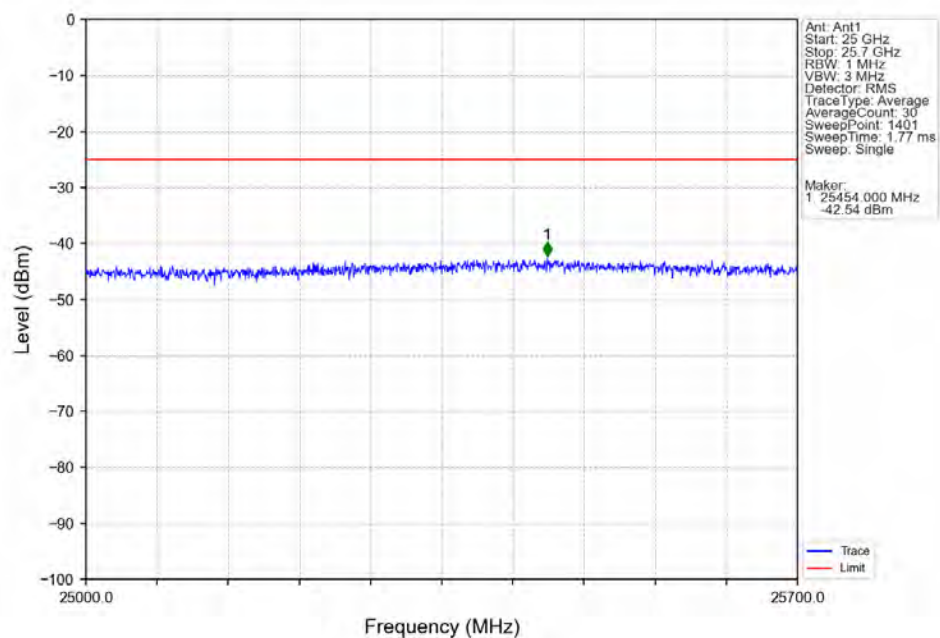
Band7_20MHz_16QAM_HCH_2560MHz_RB_1_0_NTNV



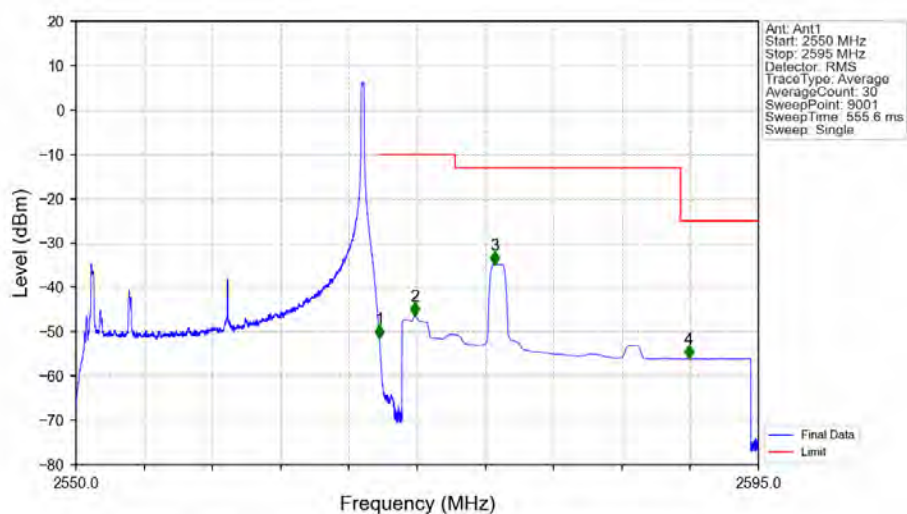
Band7_20MHz_16QAM_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-51.48	-10	Pass
2571	2575	1	CHP	2	2572.340	-46.41	-10	Pass
2575	2589.869	1	CHP	3	2577.585	-34.88	-13	Pass
2589.869	2595	1	CHP	4	2590.415	-56.01	-25	Pass

6. Frequency Stability (IC)

6.1 Test Result

6.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	2502.5	25	0	20	3.145	2500.229	2504.789	2500 to 2510	Pass
					3.7	2500.232	2504.775	2500 to 2510	Pass
					4.255	2500.225	2504.798	2500 to 2510	Pass
				-30	3.7	2500.233	2504.793	2500 to 2510	Pass
				-20	3.7	2500.230	2504.796	2500 to 2510	Pass
				-10	3.7	2500.242	2504.789	2500 to 2510	Pass
				0	3.7	2500.224	2504.803	2500 to 2510	Pass
				10	3.7	2500.233	2504.794	2500 to 2510	Pass
				30	3.7	2500.230	2504.793	2500 to 2510	Pass
				40	3.7	2500.236	2504.786	2500 to 2510	Pass
				50	3.7	2500.236	2504.788	2500 to 2510	Pass
	2535	25	0	20	3.145	2532.736	2537.282	2530 to 2540	Pass
					3.7	2532.739	2537.284	2530 to 2540	Pass
					4.255	2532.731	2537.279	2530 to 2540	Pass
				-30	3.7	2532.739	2537.284	2530 to 2540	Pass
				-20	3.7	2532.736	2537.288	2530 to 2540	Pass
				-10	3.7	2532.745	2537.275	2530 to 2540	Pass
				0	3.7	2532.737	2537.286	2530 to 2540	Pass
				10	3.7	2532.731	2537.280	2530 to 2540	Pass
				30	3.7	2532.728	2537.277	2530 to 2540	Pass
				40	3.7	2532.735	2537.289	2530 to 2540	Pass
				50	3.7	2532.736	2537.280	2530 to 2540	Pass
	2567.5	25	0	20	3.145	2565.245	2569.790	2560 to 2570	Pass
					3.7	2565.235	2569.782	2560 to 2570	Pass
					4.255	2565.244	2569.783	2560 to 2570	Pass
				-30	3.7	2565.238	2569.786	2560 to 2570	Pass
				-20	3.7	2565.243	2569.780	2560 to 2570	Pass
				-10	3.7	2565.233	2569.784	2560 to 2570	Pass
				0	3.7	2565.242	2569.788	2560 to 2570	Pass
				10	3.7	2565.242	2569.789	2560 to 2570	Pass
				30	3.7	2565.237	2569.791	2560 to 2570	Pass
				40	3.7	2565.243	2569.786	2560 to 2570	Pass
				50	3.7	2565.236	2569.784	2560 to 2570	Pass
16QAM	2502.5	25	0	20	3.145	2500.246	2504.792	2500 to 2510	Pass
					3.7	2500.257	2504.793	2500 to 2510	Pass
					4.255	2500.234	2504.793	2500 to 2510	Pass
				-30	3.7	2500.252	2504.792	2500 to 2510	Pass
				-20	3.7	2500.238	2504.796	2500 to 2510	Pass
				-10	3.7	2500.242	2504.783	2500 to 2510	Pass
				0	3.7	2500.252	2504.792	2500 to 2510	Pass
				10	3.7	2500.246	2504.786	2500 to 2510	Pass
				30	3.7	2500.234	2504.782	2500 to 2510	Pass
				40	3.7	2500.251	2504.780	2500 to 2510	Pass
	2535	25	0	20	3.145	2532.728	2537.291	2530 to 2540	Pass

					3.7	2532.722	2537.296	2530 to 2540	Pass
					4.255	2532.721	2537.295	2530 to 2540	Pass
				-30	3.7	2532.734	2537.296	2530 to 2540	Pass
				-20	3.7	2532.733	2537.292	2530 to 2540	Pass
				-10	3.7	2532.730	2537.279	2530 to 2540	Pass
				0	3.7	2532.729	2537.299	2530 to 2540	Pass
				10	3.7	2532.718	2537.292	2530 to 2540	Pass
				30	3.7	2532.722	2537.289	2530 to 2540	Pass
				40	3.7	2532.723	2537.299	2530 to 2540	Pass
				50	3.7	2532.739	2537.290	2530 to 2540	Pass
	2567.5	25	0	20	3.145	2565.225	2569.790	2560 to 2570	Pass
					3.7	2565.228	2569.791	2560 to 2570	Pass
					4.255	2565.248	2569.784	2560 to 2570	Pass
				-30	3.7	2565.211	2569.791	2560 to 2570	Pass
				-20	3.7	2565.236	2569.778	2560 to 2570	Pass
				-10	3.7	2565.221	2569.789	2560 to 2570	Pass
				0	3.7	2565.224	2569.791	2560 to 2570	Pass
				10	3.7	2565.238	2569.783	2560 to 2570	Pass
				30	3.7	2565.242	2569.789	2560 to 2570	Pass
				40	3.7	2565.234	2569.779	2560 to 2570	Pass
				50	3.7	2565.226	2569.788	2560 to 2570	Pass

6.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	2505	50	0	20	3.145	2500.511	2509.554	2500 to 2510	Pass
					3.7	2500.507	2509.563	2500 to 2510	Pass
					4.255	2500.511	2509.564	2500 to 2510	Pass
				-30	3.7	2500.517	2509.550	2500 to 2510	Pass
				-20	3.7	2500.510	2509.563	2500 to 2510	Pass
				-10	3.7	2500.511	2509.571	2500 to 2510	Pass
				0	3.7	2500.510	2509.560	2500 to 2510	Pass
				10	3.7	2500.515	2509.559	2500 to 2510	Pass
				30	3.7	2500.519	2509.551	2500 to 2510	Pass
				40	3.7	2500.519	2509.579	2500 to 2510	Pass
				50	3.7	2500.509	2509.566	2500 to 2510	Pass
	2535	50	0	20	3.145	2530.503	2539.557	2530 to 2540	Pass
					3.7	2530.512	2539.552	2530 to 2540	Pass
					4.255	2530.510	2539.532	2530 to 2540	Pass
				-30	3.7	2530.501	2539.552	2530 to 2540	Pass
				-20	3.7	2530.502	2539.544	2530 to 2540	Pass
				-10	3.7	2530.495	2539.542	2530 to 2540	Pass
				0	3.7	2530.511	2539.559	2530 to 2540	Pass
				10	3.7	2530.507	2539.549	2530 to 2540	Pass
				30	3.7	2530.498	2539.554	2530 to 2540	Pass
				40	3.7	2530.504	2539.546	2530 to 2540	Pass
				50	3.7	2530.498	2539.546	2530 to 2540	Pass
	2565	50	0	20	3.145	2560.500	2569.556	2560 to 2570	Pass
					3.7	2560.481	2569.561	2560 to 2570	Pass
					4.255	2560.485	2569.562	2560 to 2570	Pass
				-30	3.7	2560.484	2569.554	2560 to 2570	Pass
				-20	3.7	2560.498	2569.557	2560 to 2570	Pass

16QAM	2505	27	0	-10	3.7	2560.486	2569.556	2560 to 2570	Pass
				0	3.7	2560.467	2569.540	2560 to 2570	Pass
				10	3.7	2560.503	2569.530	2560 to 2570	Pass
				30	3.7	2560.490	2569.563	2560 to 2570	Pass
				40	3.7	2560.496	2569.551	2560 to 2570	Pass
				50	3.7	2560.488	2569.554	2560 to 2570	Pass
	2535	27	0	20	3.145	2500.432	2505.989	2500 to 2510	Pass
					3.7	2500.436	2506.130	2500 to 2510	Pass
					4.255	2500.452	2506.042	2500 to 2510	Pass
				-30	3.7	2500.458	2506.006	2500 to 2510	Pass
				-20	3.7	2500.439	2506.014	2500 to 2510	Pass
				-10	3.7	2500.436	2506.029	2500 to 2510	Pass
				0	3.7	2500.417	2506.050	2500 to 2510	Pass
				10	3.7	2500.451	2506.088	2500 to 2510	Pass
				30	3.7	2500.421	2506.040	2500 to 2510	Pass
				40	3.7	2500.458	2506.099	2500 to 2510	Pass
				50	3.7	2500.448	2506.076	2500 to 2510	Pass
				20	3.145	2530.421	2535.779	2530 to 2540	Pass
					3.7	2530.410	2535.773	2530 to 2540	Pass
					4.255	2530.433	2535.772	2530 to 2540	Pass
				-30	3.7	2530.434	2535.756	2530 to 2540	Pass
				-20	3.7	2530.440	2535.796	2530 to 2540	Pass
				-10	3.7	2530.435	2535.767	2530 to 2540	Pass
				0	3.7	2530.432	2535.766	2530 to 2540	Pass
				10	3.7	2530.421	2535.766	2530 to 2540	Pass
				30	3.7	2530.436	2535.804	2530 to 2540	Pass
				40	3.7	2530.436	2535.799	2530 to 2540	Pass
				50	3.7	2530.437	2535.776	2530 to 2540	Pass
	2565	27	23	20	3.145	2563.858	2569.636	2560 to 2570	Pass
					3.7	2563.902	2569.620	2560 to 2570	Pass
					4.255	2563.844	2569.621	2560 to 2570	Pass
				-30	3.7	2563.929	2569.621	2560 to 2570	Pass
				-20	3.7	2563.865	2569.618	2560 to 2570	Pass
				-10	3.7	2563.943	2569.621	2560 to 2570	Pass
				0	3.7	2563.873	2569.626	2560 to 2570	Pass
				10	3.7	2563.822	2569.627	2560 to 2570	Pass
				30	3.7	2563.928	2569.624	2560 to 2570	Pass
				40	3.7	2563.933	2569.616	2560 to 2570	Pass
				50	3.7	2563.950	2569.622	2560 to 2570	Pass

6.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz / NTN									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	2507.5	75	0	20	3.145	2500.743	2514.328	2500 to 2520	Pass
					3.7	2500.750	2514.338	2500 to 2520	Pass
					4.255	2500.732	2514.319	2500 to 2520	Pass
				-30	3.7	2500.747	2514.331	2500 to 2520	Pass
				-20	3.7	2500.726	2514.335	2500 to 2520	Pass
				-10	3.7	2500.729	2514.334	2500 to 2520	Pass
				0	3.7	2500.747	2514.333	2500 to 2520	Pass
				10	3.7	2500.745	2514.337	2500 to 2520	Pass
				30	3.7	2500.737	2514.344	2500 to 2520	Pass

				40	3.7	2500.743	2514.327	2500 to 2520	Pass
				50	3.7	2500.756	2514.336	2500 to 2520	Pass
	2535	75	0	20	3.145	2528.205	2541.837	2520 to 2550	Pass
					3.7	2528.194	2541.825	2520 to 2550	Pass
					4.255	2528.204	2541.803	2520 to 2550	Pass
				-30	3.7	2528.196	2541.826	2520 to 2550	Pass
				-20	3.7	2528.203	2541.831	2520 to 2550	Pass
				-10	3.7	2528.216	2541.831	2520 to 2550	Pass
				0	3.7	2528.214	2541.842	2520 to 2550	Pass
				10	3.7	2528.219	2541.829	2520 to 2550	Pass
				30	3.7	2528.207	2541.834	2520 to 2550	Pass
				40	3.7	2528.219	2541.805	2520 to 2550	Pass
				50	3.7	2528.200	2541.834	2520 to 2550	Pass
	2562.5	75	0	20	3.145	2555.730	2569.297	2550 to 2570	Pass
					3.7	2555.717	2569.307	2550 to 2570	Pass
					4.255	2555.730	2569.337	2550 to 2570	Pass
				-30	3.7	2555.731	2569.332	2550 to 2570	Pass
				-20	3.7	2555.715	2569.324	2550 to 2570	Pass
				-10	3.7	2555.736	2569.326	2550 to 2570	Pass
				0	3.7	2555.730	2569.310	2550 to 2570	Pass
				10	3.7	2555.704	2569.319	2550 to 2570	Pass
				30	3.7	2555.713	2569.321	2550 to 2570	Pass
				40	3.7	2555.737	2569.297	2550 to 2570	Pass
				50	3.7	2555.719	2569.327	2550 to 2570	Pass
16QAM	2507.5	27	0	20	3.145	2500.582	2506.935	2500 to 2520	Pass
					3.7	2500.589	2506.841	2500 to 2520	Pass
					4.255	2500.570	2506.834	2500 to 2520	Pass
				-30	3.7	2500.589	2506.856	2500 to 2520	Pass
				-20	3.7	2500.561	2506.869	2500 to 2520	Pass
				-10	3.7	2500.585	2506.828	2500 to 2520	Pass
				0	3.7	2500.577	2506.766	2500 to 2520	Pass
				10	3.7	2500.570	2506.885	2500 to 2520	Pass
				30	3.7	2500.548	2506.949	2500 to 2520	Pass
				40	3.7	2500.574	2506.877	2500 to 2520	Pass
				50	3.7	2500.580	2506.855	2500 to 2520	Pass
	2535	27	0	20	3.145	2527.988	2534.081	2520 to 2550	Pass
					3.7	2527.989	2534.136	2520 to 2550	Pass
					4.255	2528.036	2534.266	2520 to 2550	Pass
				-30	3.7	2528.028	2534.161	2520 to 2550	Pass
				-20	3.7	2528.047	2534.153	2520 to 2550	Pass
				-10	3.7	2527.989	2534.039	2520 to 2550	Pass
				0	3.7	2527.976	2534.216	2520 to 2550	Pass
				10	3.7	2528.017	2534.151	2520 to 2550	Pass
				30	3.7	2528.046	2534.092	2520 to 2550	Pass
				40	3.7	2528.018	2534.145	2520 to 2550	Pass
				50	3.7	2528.000	2534.207	2520 to 2550	Pass
	2562.5	27	48	20	3.145	2561.413	2569.486	2550 to 2570	Pass
					3.7	2561.439	2569.506	2550 to 2570	Pass
					4.255	2561.536	2569.508	2550 to 2570	Pass
				-30	3.7	2561.510	2569.503	2550 to 2570	Pass
				-20	3.7	2561.337	2569.505	2550 to 2570	Pass
				-10	3.7	2561.504	2569.500	2550 to 2570	Pass
				0	3.7	2561.216	2569.516	2550 to 2570	Pass
				10	3.7	2561.632	2569.482	2550 to 2570	Pass
				30	3.7	2561.527	2569.515	2550 to 2570	Pass
				40	3.7	2561.417	2569.484	2550 to 2570	Pass



				50	3.7	2561.350	2569.506	2550 to 2570	Pass
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6.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	2510	100	0	20	3.145	2500.998	2519.093	2500 to 2520	Pass
					3.7	2500.985	2519.091	2500 to 2520	Pass
					4.255	2500.993	2519.086	2500 to 2520	Pass
				-30	3.7	2500.977	2519.083	2500 to 2520	Pass
				-20	3.7	2501.002	2519.096	2500 to 2520	Pass
				-10	3.7	2500.988	2519.104	2500 to 2520	Pass
				0	3.7	2500.997	2519.077	2500 to 2520	Pass
				10	3.7	2501.021	2519.081	2500 to 2520	Pass
				30	3.7	2500.972	2519.059	2500 to 2520	Pass
				40	3.7	2501.025	2519.096	2500 to 2520	Pass
				50	3.7	2501.018	2519.060	2500 to 2520	Pass
	2535	100	0	20	3.145	2525.988	2544.093	2520 to 2550	Pass
					3.7	2525.989	2544.165	2520 to 2550	Pass
					4.255	2525.984	2544.056	2520 to 2550	Pass
				-30	3.7	2525.997	2544.111	2520 to 2550	Pass
				-20	3.7	2525.982	2544.160	2520 to 2550	Pass
				-10	3.7	2525.990	2544.062	2520 to 2550	Pass
				0	3.7	2525.995	2544.128	2520 to 2550	Pass
				10	3.7	2525.985	2544.126	2520 to 2550	Pass
				30	3.7	2525.981	2544.157	2520 to 2550	Pass
				40	3.7	2525.968	2544.061	2520 to 2550	Pass
				50	3.7	2525.989	2544.157	2520 to 2550	Pass
	2560	100	0	20	3.145	2550.962	2569.059	2550 to 2570	Pass
					3.7	2550.939	2569.063	2550 to 2570	Pass
					4.255	2550.939	2569.064	2550 to 2570	Pass
				-30	3.7	2550.931	2569.041	2550 to 2570	Pass
				-20	3.7	2550.952	2569.050	2550 to 2570	Pass
				-10	3.7	2550.933	2569.048	2550 to 2570	Pass
				0	3.7	2550.932	2569.061	2550 to 2570	Pass
				10	3.7	2550.942	2569.062	2550 to 2570	Pass
				30	3.7	2550.941	2569.060	2550 to 2570	Pass
				40	3.7	2550.960	2569.069	2550 to 2570	Pass
				50	3.7	2550.960	2569.080	2550 to 2570	Pass
16QAM	2510	27	0	20	3.145	2500.745	2508.664	2500 to 2520	Pass
					3.7	2500.767	2508.598	2500 to 2520	Pass
					4.255	2500.773	2508.774	2500 to 2520	Pass
				-30	3.7	2500.747	2508.682	2500 to 2520	Pass
				-20	3.7	2500.775	2508.676	2500 to 2520	Pass
				-10	3.7	2500.760	2508.577	2500 to 2520	Pass
				0	3.7	2500.720	2508.781	2500 to 2520	Pass
				10	3.7	2500.759	2508.495	2500 to 2520	Pass
				30	3.7	2500.765	2508.857	2500 to 2520	Pass
				40	3.7	2500.757	2508.564	2500 to 2520	Pass
				50	3.7	2500.760	2508.662	2500 to 2520	Pass
	2535	27	0	20	3.145	2525.768	2533.609	2530 to 2540	Fail
					3.7	2525.741	2533.445	2520 to 2550	Fail
					4.255	2525.762	2533.527	2520 to 2550	Fail

				-30	3.7	2525.773	2533.639	2520 to 2550	Fail
				-20	3.7	2525.732	2533.746	2520 to 2550	Fail
				-10	3.7	2525.764	2533.619	2520 to 2550	Fail
				0	3.7	2525.749	2533.807	2520 to 2550	Fail
				10	3.7	2525.773	2533.750	2520 to 2550	Fail
				30	3.7	2525.739	2533.662	2520 to 2550	Fail
				40	3.7	2525.737	2533.480	2520 to 2550	Fail
				50	3.7	2525.761	2533.434	2520 to 2550	Fail
	2560	27	73	20	3.145	2553.938	2569.352	2550 to 2570	Pass
					3.7	2554.157	2569.371	2550 to 2570	Pass
					4.255	2553.822	2569.428	2550 to 2570	Pass
				-30	3.7	2554.085	2569.409	2550 to 2570	Pass
				-20	3.7	2553.898	2569.349	2550 to 2570	Pass
				-10	3.7	2553.976	2569.398	2550 to 2570	Pass
				0	3.7	2553.880	2569.404	2550 to 2570	Pass
				10	3.7	2553.884	2569.425	2550 to 2570	Pass
				30	3.7	2554.072	2569.402	2550 to 2570	Pass
				40	3.7	2554.075	2569.366	2550 to 2570	Pass
				50	3.7	2554.199	2569.427	2550 to 2570	Pass