

1. Effective (Isotropic) Radiated Power Output Data

1.1 B41_5MHz_EIRP

1.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2498.5	1	0	23.26	4.38	27.64	<=33.01	Pass		
			13	23.49	4.38	27.87	<=33.01	Pass		
			24	23.21	4.38	27.59	<=33.01	Pass		
		12	0	22.55	4.38	26.93	<=33.01	Pass		
			6	22.35	4.38	26.73	<=33.01	Pass		
			13	22.63	4.38	27.01	<=33.01	Pass		
		25	0	22.33	4.38	26.71	<=33.01	Pass		
		2593	1	0	23.15	4.38	27.53	<=33.01	Pass	
				13	23.47	4.38	27.85	<=33.01	Pass	
	24			23.00	4.38	27.38	<=33.01	Pass		
	12		0	22.25	4.38	26.63	<=33.01	Pass		
			6	22.24	4.38	26.62	<=33.01	Pass		
			13	22.23	4.38	26.61	<=33.01	Pass		
	25		0	22.23	4.38	26.61	<=33.01	Pass		
	2687.5		1	0	23.00	4.38	27.38	<=33.01	Pass	
				13	23.36	4.38	27.74	<=33.01	Pass	
		24		22.77	4.38	27.15	<=33.01	Pass		
		12	0	22.30	4.38	26.68	<=33.01	Pass		
			6	22.32	4.38	26.70	<=33.01	Pass		
			13	22.28	4.38	26.66	<=33.01	Pass		
		25	0	22.23	4.38	26.61	<=33.01	Pass		
		16QAM	2498.5	1	0	22.40	4.38	26.78	<=33.01	Pass
					13	22.60	4.38	26.98	<=33.01	Pass
	24				22.20	4.38	26.58	<=33.01	Pass	
12	0			21.55	4.38	25.93	<=33.01	Pass		
	6			21.29	4.38	25.67	<=33.01	Pass		
	13			21.59	4.38	25.97	<=33.01	Pass		
25	0			21.32	4.38	25.70	<=33.01	Pass		
2593	1			0	22.28	4.38	26.66	<=33.01	Pass	
				13	22.71	4.38	27.09	<=33.01	Pass	
			24	22.05	4.38	26.43	<=33.01	Pass		
	12		0	21.23	4.38	25.61	<=33.01	Pass		
			6	21.27	4.38	25.65	<=33.01	Pass		
			13	21.21	4.38	25.59	<=33.01	Pass		
	25		0	21.28	4.38	25.66	<=33.01	Pass		
	2687.5		1	0	22.16	4.38	26.54	<=33.01	Pass	
				13	22.17	4.38	26.55	<=33.01	Pass	
24				21.90	4.38	26.28	<=33.01	Pass		
12			0	21.30	4.38	25.68	<=33.01	Pass		
			6	21.38	4.38	25.76	<=33.01	Pass		
			13	21.35	4.38	25.73	<=33.01	Pass		
25			0	21.32	4.38	25.70	<=33.01	Pass		
64QAM			2498.5	1	0	20.94	4.38	25.32	<=33.01	Pass
					13	21.46	4.38	25.84	<=33.01	Pass
	24				21.38	4.38	25.76	<=33.01	Pass	
	12	0		20.57	4.38	24.95	<=33.01	Pass		
		6		20.34	4.38	24.72	<=33.01	Pass		

	2593	25	13	20.62	4.38	25.00	<=33.01	Pass
		25	0	20.34	4.38	24.72	<=33.01	Pass
		1	0	21.05	4.38	25.43	<=33.01	Pass
			13	21.16	4.38	25.54	<=33.01	Pass
			24	21.11	4.38	25.49	<=33.01	Pass
	12	0	20.18	4.38	24.56	<=33.01	Pass	
		6	20.21	4.38	24.59	<=33.01	Pass	
		13	20.30	4.38	24.68	<=33.01	Pass	
	25	0	20.25	4.38	24.63	<=33.01	Pass	
	2687.5	1	0	20.79	4.38	25.17	<=33.01	Pass
			13	21.80	4.38	26.18	<=33.01	Pass
			24	20.86	4.38	25.24	<=33.01	Pass
		12	0	20.43	4.38	24.81	<=33.01	Pass
			6	20.35	4.38	24.73	<=33.01	Pass
			13	20.46	4.38	24.84	<=33.01	Pass
		25	0	20.32	4.38	24.70	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B41_10MHz_EIRP

1.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	2501	1	0	23.43	4.38	27.81	<=33.01	Pass	
			25	23.52	4.38	27.90	<=33.01	Pass	
			49	23.20	4.38	27.58	<=33.01	Pass	
		25	0	22.36	4.38	26.74	<=33.01	Pass	
			13	22.36	4.38	26.74	<=33.01	Pass	
			25	22.44	4.38	26.82	<=33.01	Pass	
		50	0	22.69	4.38	27.07	<=33.01	Pass	
		2593	1	0	23.25	4.38	27.63	<=33.01	Pass
				25	23.38	4.38	27.76	<=33.01	Pass
	49			23.10	4.38	27.48	<=33.01	Pass	
	25		0	22.24	4.38	26.62	<=33.01	Pass	
			13	22.25	4.38	26.63	<=33.01	Pass	
			25	22.26	4.38	26.64	<=33.01	Pass	
	50	0	22.33	4.38	26.71	<=33.01	Pass		
	2685	1	0	23.01	4.38	27.39	<=33.01	Pass	
			25	23.38	4.38	27.76	<=33.01	Pass	
			49	23.08	4.38	27.46	<=33.01	Pass	
		25	0	22.29	4.38	26.67	<=33.01	Pass	
			13	22.39	4.38	26.77	<=33.01	Pass	
			25	22.32	4.38	26.70	<=33.01	Pass	
		50	0	22.38	4.38	26.76	<=33.01	Pass	
	16QAM	2501	1	0	22.49	4.38	26.87	<=33.01	Pass
				25	22.30	4.38	26.68	<=33.01	Pass
				49	22.34	4.38	26.72	<=33.01	Pass
25			0	21.42	4.38	25.80	<=33.01	Pass	
			13	21.42	4.38	25.80	<=33.01	Pass	
			25	21.51	4.38	25.89	<=33.01	Pass	
50		0	21.72	4.38	26.10	<=33.01	Pass		
2593		1	0	22.14	4.38	26.52	<=33.01	Pass	
			25	22.15	4.38	26.53	<=33.01	Pass	

64QAM	2685	25	49	22.07	4.38	26.45	<=33.01	Pass		
			0	21.23	4.38	25.61	<=33.01	Pass		
			13	21.26	4.38	25.64	<=33.01	Pass		
		50	1	25	21.29	4.38	25.67	<=33.01	Pass	
				0	21.34	4.38	25.72	<=33.01	Pass	
				0	21.83	4.38	26.21	<=33.01	Pass	
		2593	25	25	22.15	4.38	26.53	<=33.01	Pass	
				49	22.09	4.38	26.47	<=33.01	Pass	
				0	21.29	4.38	25.67	<=33.01	Pass	
	50		1	13	21.39	4.38	25.77	<=33.01	Pass	
				25	21.34	4.38	25.72	<=33.01	Pass	
				0	21.40	4.38	25.78	<=33.01	Pass	
	2501	25	1	0	20.90	4.38	25.28	<=33.01	Pass	
				25	21.73	4.38	26.11	<=33.01	Pass	
				49	21.48	4.38	25.86	<=33.01	Pass	
			50	1	0	20.32	4.38	24.70	<=33.01	Pass
					13	20.40	4.38	24.78	<=33.01	Pass
					25	20.48	4.38	24.86	<=33.01	Pass
		2685	25	1	0	20.74	4.38	25.12	<=33.01	Pass
					0	21.60	4.38	25.98	<=33.01	Pass
					25	21.12	4.38	25.50	<=33.01	Pass
			50	1	49	21.44	4.38	25.82	<=33.01	Pass
					0	20.30	4.38	24.68	<=33.01	Pass
					13	20.29	4.38	24.67	<=33.01	Pass
2593			25	1	25	20.25	4.38	24.63	<=33.01	Pass
					0	20.32	4.38	24.70	<=33.01	Pass
					0	21.15	4.38	25.53	<=33.01	Pass
	50	1	25	21.20	4.38	25.58	<=33.01	Pass		
			49	20.99	4.38	25.37	<=33.01	Pass		
			0	20.32	4.38	24.70	<=33.01	Pass		
2501	25	1	13	20.43	4.38	24.81	<=33.01	Pass		
			25	20.40	4.38	24.78	<=33.01	Pass		
			0	20.44	4.38	24.82	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B41_15MHz_EIRP

1.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	2503.5	1	0	23.29	4.38	27.67	<=33.01	Pass	
			38	23.35	4.38	27.73	<=33.01	Pass	
			74	23.14	4.38	27.52	<=33.01	Pass	
		36	1	0	22.55	4.38	26.93	<=33.01	Pass
				18	22.33	4.38	26.71	<=33.01	Pass
				39	22.30	4.38	26.68	<=33.01	Pass
		75	1	0	22.61	4.38	26.99	<=33.01	Pass
				0	23.18	4.38	27.56	<=33.01	Pass
				38	23.36	4.38	27.74	<=33.01	Pass
	2593	36	1	74	23.08	4.38	27.46	<=33.01	Pass
				0	22.18	4.38	26.56	<=33.01	Pass
				18	22.20	4.38	26.58	<=33.01	Pass
		75	1	39	22.14	4.38	26.52	<=33.01	Pass

	2682.5	75	0	22.11	4.38	26.49	<=33.01	Pass		
			1	0	23.01	4.38	27.39	<=33.01	Pass	
				38	23.15	4.38	27.53	<=33.01	Pass	
		36	74	22.93	4.38	27.31	<=33.01	Pass		
			0	22.13	4.38	26.51	<=33.01	Pass		
			18	22.23	4.38	26.61	<=33.01	Pass		
			39	22.24	4.38	26.62	<=33.01	Pass		
		75	0	22.19	4.38	26.57	<=33.01	Pass		
		16QAM	2503.5	1	0	22.34	4.38	26.72	<=33.01	Pass
					38	22.49	4.38	26.87	<=33.01	Pass
74	22.28				4.38	26.66	<=33.01	Pass		
36	0			21.55	4.38	25.93	<=33.01	Pass		
	18			21.39	4.38	25.77	<=33.01	Pass		
	39			21.27	4.38	25.65	<=33.01	Pass		
75	0			21.66	4.38	26.04	<=33.01	Pass		
2593	1			0	21.89	4.38	26.27	<=33.01	Pass	
				38	22.27	4.38	26.65	<=33.01	Pass	
			74	22.05	4.38	26.43	<=33.01	Pass		
	36		0	21.16	4.38	25.54	<=33.01	Pass		
			18	21.25	4.38	25.63	<=33.01	Pass		
			39	21.16	4.38	25.54	<=33.01	Pass		
	75		0	21.17	4.38	25.55	<=33.01	Pass		
	2682.5		1	0	22.23	4.38	26.61	<=33.01	Pass	
				38	21.92	4.38	26.30	<=33.01	Pass	
74				21.74	4.38	26.12	<=33.01	Pass		
36			0	21.15	4.38	25.53	<=33.01	Pass		
			18	21.26	4.38	25.64	<=33.01	Pass		
			39	21.31	4.38	25.69	<=33.01	Pass		
75			0	21.23	4.38	25.61	<=33.01	Pass		
64QAM			2503.5	1	0	20.74	4.38	25.12	<=33.01	Pass
					38	20.98	4.38	25.36	<=33.01	Pass
	74				21.44	4.38	25.82	<=33.01	Pass	
	36			0	20.64	4.38	25.02	<=33.01	Pass	
				18	20.38	4.38	24.76	<=33.01	Pass	
				39	20.35	4.38	24.73	<=33.01	Pass	
	75			0	20.65	4.38	25.03	<=33.01	Pass	
	2593			1	0	21.29	4.38	25.67	<=33.01	Pass
					38	21.52	4.38	25.90	<=33.01	Pass
		74	21.25		4.38	25.63	<=33.01	Pass		
		36	0	20.23	4.38	24.61	<=33.01	Pass		
			18	20.29	4.38	24.67	<=33.01	Pass		
			39	20.18	4.38	24.56	<=33.01	Pass		
		75	0	20.17	4.38	24.55	<=33.01	Pass		
		2682.5	1	0	21.04	4.38	25.42	<=33.01	Pass	
				38	21.41	4.38	25.79	<=33.01	Pass	
	74			21.21	4.38	25.59	<=33.01	Pass		
	36		0	20.18	4.38	24.56	<=33.01	Pass		
			18	20.29	4.38	24.67	<=33.01	Pass		
			39	20.33	4.38	24.71	<=33.01	Pass		
	75		0	20.26	4.38	24.64	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.4 B41_20MHz_EIRP
1.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2506	1	0	23.17	4.38	27.55	<=33.01	Pass		
			50	23.80	4.38	28.18	<=33.01	Pass		
			99	23.57	4.38	27.95	<=33.01	Pass		
		50	0	22.24	4.38	26.62	<=33.01	Pass		
			25	22.26	4.38	26.64	<=33.01	Pass		
			50	22.17	4.38	26.55	<=33.01	Pass		
		100	0	22.21	4.38	26.59	<=33.01	Pass		
		2593	1	0	23.11	4.38	27.49	<=33.01	Pass	
				50	23.80	4.38	28.18	<=33.01	Pass	
	99			23.43	4.38	27.81	<=33.01	Pass		
	50		0	22.09	4.38	26.47	<=33.01	Pass		
			25	22.23	4.38	26.61	<=33.01	Pass		
			50	22.10	4.38	26.48	<=33.01	Pass		
	100		0	22.04	4.38	26.42	<=33.01	Pass		
	2680		1	0	22.83	4.38	27.21	<=33.01	Pass	
				50	23.49	4.38	27.87	<=33.01	Pass	
		99		23.34	4.38	27.72	<=33.01	Pass		
		50	0	22.07	4.38	26.45	<=33.01	Pass		
			25	22.19	4.38	26.57	<=33.01	Pass		
			50	22.13	4.38	26.51	<=33.01	Pass		
		100	0	22.08	4.38	26.46	<=33.01	Pass		
		16QAM	2506	1	0	22.07	4.38	26.45	<=33.01	Pass
					50	22.89	4.38	27.27	<=33.01	Pass
	99				22.56	4.38	26.94	<=33.01	Pass	
50	0			21.33	4.38	25.71	<=33.01	Pass		
	25			21.31	4.38	25.69	<=33.01	Pass		
	50			21.22	4.38	25.60	<=33.01	Pass		
100	0			21.21	4.38	25.59	<=33.01	Pass		
2593	1			0	21.87	4.38	26.25	<=33.01	Pass	
				50	22.94	4.38	27.32	<=33.01	Pass	
			99	22.67	4.38	27.05	<=33.01	Pass		
	50		0	21.15	4.38	25.53	<=33.01	Pass		
			25	21.26	4.38	25.64	<=33.01	Pass		
			50	21.09	4.38	25.47	<=33.01	Pass		
	100		0	21.06	4.38	25.44	<=33.01	Pass		
	2680		1	0	22.00	4.38	26.38	<=33.01	Pass	
				50	22.56	4.38	26.94	<=33.01	Pass	
99				22.00	4.38	26.38	<=33.01	Pass		
50			0	21.03	4.38	25.41	<=33.01	Pass		
			25	21.19	4.38	25.57	<=33.01	Pass		
			50	21.21	4.38	25.59	<=33.01	Pass		
100			0	21.07	4.38	25.45	<=33.01	Pass		
64QAM			2506	1	0	21.21	4.38	25.59	<=33.01	Pass
					50	22.03	4.38	26.41	<=33.01	Pass
	99				21.61	4.38	25.99	<=33.01	Pass	
	50	0		20.35	4.38	24.73	<=33.01	Pass		
		25		20.32	4.38	24.70	<=33.01	Pass		

	2593	1	50	20.27	4.38	24.65	<=33.01	Pass	
			100	0	20.22	4.38	24.60	<=33.01	Pass
			0	20.84	4.38	25.22	<=33.01	Pass	
	50	1	50	21.91	4.38	26.29	<=33.01	Pass	
			99	21.35	4.38	25.73	<=33.01	Pass	
			0	20.13	4.38	24.51	<=33.01	Pass	
		50	25	20.24	4.38	24.62	<=33.01	Pass	
			50	20.17	4.38	24.55	<=33.01	Pass	
			100	0	20.07	4.38	24.45	<=33.01	Pass
	2680	1	0	21.10	4.38	25.48	<=33.01	Pass	
			50	21.69	4.38	26.07	<=33.01	Pass	
			99	21.23	4.38	25.61	<=33.01	Pass	
		50	0	20.08	4.38	24.46	<=33.01	Pass	
			25	20.24	4.38	24.62	<=33.01	Pass	
			50	20.25	4.38	24.63	<=33.01	Pass	
		100	0	20.14	4.38	24.52	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 B41_5MHz

2.1.1 Test Result

Band: 41 / Bandwidth: 5MHz												
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict			
		Size	Offset				Result	Limit				
QPSK	2498.5	25	0	20	6.12	11.072	0.0044	-2.5 to 2.5	Pass			
					7.20	5.436	0.0022	-2.5 to 2.5	Pass			
					8.28	1.044	0.0004	-2.5 to 2.5	Pass			
				-30	7.20	6.194	0.0025	-2.5 to 2.5	Pass			
				-20	7.20	13.018	0.0052	-2.5 to 2.5	Pass			
				-10	7.20	10.600	0.0042	-2.5 to 2.5	Pass			
				0	7.20	3.777	0.0015	-2.5 to 2.5	Pass			
				10	7.20	12.631	0.0051	-2.5 to 2.5	Pass			
				30	7.20	3.476	0.0014	-2.5 to 2.5	Pass			
				40	7.20	3.891	0.0016	-2.5 to 2.5	Pass			
				50	7.20	10.643	0.0043	-2.5 to 2.5	Pass			
				2593	25	0	20	6.12	4.420	0.0017	-2.5 to 2.5	Pass
								7.20	11.029	0.0043	-2.5 to 2.5	Pass
								8.28	9.170	0.0035	-2.5 to 2.5	Pass
							-30	7.20	10.901	0.0042	-2.5 to 2.5	Pass
	-20	7.20	-0.215				-0.0001	-2.5 to 2.5	Pass			
	-10	7.20	10.371				0.0040	-2.5 to 2.5	Pass			
	0	7.20	4.034				0.0016	-2.5 to 2.5	Pass			
	10	7.20	12.345				0.0048	-2.5 to 2.5	Pass			
	30	7.20	1.173				0.0005	-2.5 to 2.5	Pass			
	40	7.20	10.014				0.0039	-2.5 to 2.5	Pass			
	50	7.20	1.101				0.0004	-2.5 to 2.5	Pass			
	2687.5	25	0				20	6.12	5.822	0.0022	-2.5 to 2.5	Pass
								7.20	16.494	0.0061	-2.5 to 2.5	Pass
								8.28	6.952	0.0026	-2.5 to 2.5	Pass
							-30	7.20	10.443	0.0039	-2.5 to 2.5	Pass
				-20	7.20	10.343	0.0038	-2.5 to 2.5	Pass			
				-10	7.20	3.805	0.0014	-2.5 to 2.5	Pass			

				0	7.20	4.191	0.0016	-2.5 to 2.5	Pass			
				10	7.20	9.484	0.0035	-2.5 to 2.5	Pass			
				30	7.20	4.148	0.0015	-2.5 to 2.5	Pass			
				40	7.20	11.559	0.0043	-2.5 to 2.5	Pass			
				50	7.20	12.503	0.0047	-2.5 to 2.5	Pass			
16QAM	2498.5	25	0	20	6.12	2.747	0.0011	-2.5 to 2.5	Pass			
					7.20	9.713	0.0039	-2.5 to 2.5	Pass			
					8.28	7.281	0.0029	-2.5 to 2.5	Pass			
				-30	7.20	2.704	0.0011	-2.5 to 2.5	Pass			
				-20	7.20	5.794	0.0023	-2.5 to 2.5	Pass			
				-10	7.20	5.608	0.0022	-2.5 to 2.5	Pass			
				0	7.20	3.033	0.0012	-2.5 to 2.5	Pass			
				10	7.20	5.779	0.0023	-2.5 to 2.5	Pass			
				30	7.20	0.715	0.0003	-2.5 to 2.5	Pass			
				40	7.20	6.666	0.0027	-2.5 to 2.5	Pass			
				50	7.20	8.469	0.0034	-2.5 to 2.5	Pass			
				2593	25	0	20	6.12	8.640	0.0033	-2.5 to 2.5	Pass
								7.20	4.334	0.0017	-2.5 to 2.5	Pass
								8.28	-0.157	-0.0001	-2.5 to 2.5	Pass
							-30	7.20	2.375	0.0009	-2.5 to 2.5	Pass
	-20	7.20	6.723				0.0026	-2.5 to 2.5	Pass			
	-10	7.20	1.588				0.0006	-2.5 to 2.5	Pass			
	0	7.20	7.796				0.0030	-2.5 to 2.5	Pass			
	10	7.20	4.821				0.0019	-2.5 to 2.5	Pass			
	30	7.20	13.618				0.0053	-2.5 to 2.5	Pass			
	40	7.20	2.575				0.0010	-2.5 to 2.5	Pass			
	50	7.20	2.375				0.0009	-2.5 to 2.5	Pass			
	2687.5	25	0				20	6.12	8.926	0.0033	-2.5 to 2.5	Pass
								7.20	3.319	0.0012	-2.5 to 2.5	Pass
								8.28	9.871	0.0037	-2.5 to 2.5	Pass
							-30	7.20	9.627	0.0036	-2.5 to 2.5	Pass
				-20	7.20	10.757	0.0040	-2.5 to 2.5	Pass			
				-10	7.20	7.653	0.0028	-2.5 to 2.5	Pass			
				0	7.20	4.792	0.0018	-2.5 to 2.5	Pass			
				10	7.20	3.805	0.0014	-2.5 to 2.5	Pass			
30				7.20	6.924	0.0026	-2.5 to 2.5	Pass				
40				7.20	5.708	0.0021	-2.5 to 2.5	Pass				
50				7.20	5.479	0.0020	-2.5 to 2.5	Pass				
64QAM				2498.5	25	0	20	6.12	10.614	0.0042	-2.5 to 2.5	Pass
								7.20	1.602	0.0006	-2.5 to 2.5	Pass
								8.28	4.277	0.0017	-2.5 to 2.5	Pass
							-30	7.20	10.543	0.0042	-2.5 to 2.5	Pass
	-20	7.20	9.742				0.0039	-2.5 to 2.5	Pass			
	-10	7.20	1.130				0.0005	-2.5 to 2.5	Pass			
	0	7.20	11.501				0.0046	-2.5 to 2.5	Pass			
	10	7.20	3.390				0.0014	-2.5 to 2.5	Pass			
	30	7.20	8.326				0.0033	-2.5 to 2.5	Pass			
	40	7.20	3.262				0.0013	-2.5 to 2.5	Pass			
	50	7.20	10.815				0.0043	-2.5 to 2.5	Pass			
	2593	25	0				20	6.12	11.716	0.0045	-2.5 to 2.5	Pass
								7.20	13.490	0.0052	-2.5 to 2.5	Pass
								8.28	12.488	0.0048	-2.5 to 2.5	Pass
							-30	7.20	4.420	0.0017	-2.5 to 2.5	Pass
				-20	7.20	13.118	0.0051	-2.5 to 2.5	Pass			
				-10	7.20	3.862	0.0015	-2.5 to 2.5	Pass			
				0	7.20	2.532	0.0010	-2.5 to 2.5	Pass			
				10	7.20	3.905	0.0015	-2.5 to 2.5	Pass			
				30	7.20	12.517	0.0048	-2.5 to 2.5	Pass			

	2687.5	25	0	40	7.20	3.548	0.0014	-2.5 to 2.5	Pass
				50	7.20	15.821	0.0061	-2.5 to 2.5	Pass
				20	6.12	3.719	0.0014	-2.5 to 2.5	Pass
					7.20	1.631	0.0006	-2.5 to 2.5	Pass
					8.28	13.733	0.0051	-2.5 to 2.5	Pass
				-30	7.20	3.519	0.0013	-2.5 to 2.5	Pass
				-20	7.20	1.445	0.0005	-2.5 to 2.5	Pass
				-10	7.20	13.747	0.0051	-2.5 to 2.5	Pass
				0	7.20	1.431	0.0005	-2.5 to 2.5	Pass
				10	7.20	13.061	0.0049	-2.5 to 2.5	Pass
				30	7.20	1.574	0.0006	-2.5 to 2.5	Pass
				40	7.20	12.116	0.0045	-2.5 to 2.5	Pass
				50	7.20	13.518	0.0050	-2.5 to 2.5	Pass

2.2 B41_10MHz

2.2.1 Test Result

Band: 41 / Bandwidth: 10MHz												
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict			
		Size	Offset				Result	Limit				
QPSK	2501	50	0	20	6.12	13.089	0.0052	-2.5 to 2.5	Pass			
					7.20	13.375	0.0053	-2.5 to 2.5	Pass			
					8.28	3.247	0.0013	-2.5 to 2.5	Pass			
				-30	7.20	11.544	0.0046	-2.5 to 2.5	Pass			
				-20	7.20	4.463	0.0018	-2.5 to 2.5	Pass			
				-10	7.20	10.228	0.0041	-2.5 to 2.5	Pass			
				0	7.20	6.409	0.0026	-2.5 to 2.5	Pass			
				10	7.20	13.304	0.0053	-2.5 to 2.5	Pass			
				30	7.20	15.249	0.0061	-2.5 to 2.5	Pass			
				40	7.20	4.549	0.0018	-2.5 to 2.5	Pass			
				50	7.20	13.690	0.0055	-2.5 to 2.5	Pass			
				2593	50	0	20	6.12	11.473	0.0044	-2.5 to 2.5	Pass
								7.20	8.855	0.0034	-2.5 to 2.5	Pass
								8.28	11.444	0.0044	-2.5 to 2.5	Pass
	-30	7.20	1.416				0.0005	-2.5 to 2.5	Pass			
	-20	7.20	1.559				0.0006	-2.5 to 2.5	Pass			
	-10	7.20	8.898				0.0034	-2.5 to 2.5	Pass			
	0	7.20	1.159				0.0004	-2.5 to 2.5	Pass			
	10	7.20	8.755				0.0034	-2.5 to 2.5	Pass			
	30	7.20	2.847				0.0011	-2.5 to 2.5	Pass			
	40	7.20	9.799				0.0038	-2.5 to 2.5	Pass			
	50	7.20	9.384				0.0036	-2.5 to 2.5	Pass			
	2685	50	0				20	6.12	-1.931	-0.0007	-2.5 to 2.5	Pass
								7.20	7.167	0.0027	-2.5 to 2.5	Pass
								8.28	1.016	0.0004	-2.5 to 2.5	Pass
				-30	7.20	6.495	0.0024	-2.5 to 2.5	Pass			
				-20	7.20	7.710	0.0029	-2.5 to 2.5	Pass			
				-10	7.20	0.401	0.0001	-2.5 to 2.5	Pass			
				0	7.20	-1.402	-0.0005	-2.5 to 2.5	Pass			
				10	7.20	0.329	0.0001	-2.5 to 2.5	Pass			
30				7.20	5.980	0.0022	-2.5 to 2.5	Pass				
40				7.20	7.653	0.0029	-2.5 to 2.5	Pass				
50				7.20	0.000	0.0000	-2.5 to 2.5	Pass				
16QAM				2501	50	0	20	6.12	7.138	0.0029	-2.5 to 2.5	Pass

64QAM	2593	50	0		7.20	4.921	0.0020	-2.5 to 2.5	Pass					
					8.28	5.908	0.0024	-2.5 to 2.5	Pass					
				-30	7.20	6.151	0.0025	-2.5 to 2.5	Pass					
				-20	7.20	8.826	0.0035	-2.5 to 2.5	Pass					
				-10	7.20	11.001	0.0044	-2.5 to 2.5	Pass					
				0	7.20	11.101	0.0044	-2.5 to 2.5	Pass					
				10	7.20	2.518	0.0010	-2.5 to 2.5	Pass					
				30	7.20	2.317	0.0009	-2.5 to 2.5	Pass					
				40	7.20	7.467	0.0030	-2.5 to 2.5	Pass					
				50	7.20	-0.386	-0.0002	-2.5 to 2.5	Pass					
				2685	50	0	0	20	6.12	1.760	0.0007	-2.5 to 2.5	Pass	
									7.20	1.516	0.0006	-2.5 to 2.5	Pass	
									8.28	6.351	0.0024	-2.5 to 2.5	Pass	
								-30	7.20	1.416	0.0005	-2.5 to 2.5	Pass	
								-20	7.20	0.343	0.0001	-2.5 to 2.5	Pass	
	-10	7.20	6.495					0.0025	-2.5 to 2.5	Pass				
	0	7.20	2.475					0.0010	-2.5 to 2.5	Pass				
	10	7.20	4.978					0.0019	-2.5 to 2.5	Pass				
	30	7.20	-0.744					-0.0003	-2.5 to 2.5	Pass				
	40	7.20	4.234					0.0016	-2.5 to 2.5	Pass				
	50	7.20	1.760					0.0007	-2.5 to 2.5	Pass				
	2685	50	0					0	20	6.12	-0.172	-0.0001	-2.5 to 2.5	Pass
										7.20	4.191	0.0016	-2.5 to 2.5	Pass
										8.28	1.588	0.0006	-2.5 to 2.5	Pass
									-30	7.20	2.332	0.0009	-2.5 to 2.5	Pass
				-20	7.20	-2.933	-0.0011		-2.5 to 2.5	Pass				
				-10	7.20	4.606	0.0017		-2.5 to 2.5	Pass				
				0	7.20	-1.473	-0.0005		-2.5 to 2.5	Pass				
				10	7.20	3.462	0.0013		-2.5 to 2.5	Pass				
				30	7.20	1.402	0.0005		-2.5 to 2.5	Pass				
				40	7.20	4.735	0.0018		-2.5 to 2.5	Pass				
				50	7.20	3.548	0.0013		-2.5 to 2.5	Pass				
				2501	50	0	0		20	6.12	6.838	0.0027	-2.5 to 2.5	Pass
										7.20	5.579	0.0022	-2.5 to 2.5	Pass
										8.28	4.950	0.0020	-2.5 to 2.5	Pass
									-30	7.20	7.038	0.0028	-2.5 to 2.5	Pass
	-20	7.20	14.806					0.0059	-2.5 to 2.5	Pass				
	-10	7.20	15.550					0.0062	-2.5 to 2.5	Pass				
	0	7.20	15.321					0.0061	-2.5 to 2.5	Pass				
	10	7.20	13.576					0.0054	-2.5 to 2.5	Pass				
	30	7.20	2.232					0.0009	-2.5 to 2.5	Pass				
	40	7.20	12.631					0.0051	-2.5 to 2.5	Pass				
	50	7.20	2.131					0.0009	-2.5 to 2.5	Pass				
	2593	50	0					0	20	6.12	4.220	0.0016	-2.5 to 2.5	Pass
										7.20	13.075	0.0050	-2.5 to 2.5	Pass
									8.28	11.358	0.0044	-2.5 to 2.5	Pass	
-30									7.20	11.458	0.0044	-2.5 to 2.5	Pass	
-20				7.20	0.644	0.0002	-2.5 to 2.5		Pass					
-10				7.20	12.774	0.0049	-2.5 to 2.5		Pass					
0				7.20	11.272	0.0043	-2.5 to 2.5		Pass					
10				7.20	9.427	0.0036	-2.5 to 2.5		Pass					
30				7.20	2.661	0.0010	-2.5 to 2.5		Pass					
40				7.20	11.945	0.0046	-2.5 to 2.5		Pass					
50				7.20	11.888	0.0046	-2.5 to 2.5		Pass					
2685				50	0	0	20		6.12	0.873	0.0003	-2.5 to 2.5	Pass	
									7.20	8.841	0.0033	-2.5 to 2.5	Pass	
									8.28	7.753	0.0029	-2.5 to 2.5	Pass	
							-30		7.20	-2.618	-0.0010	-2.5 to 2.5	Pass	

				-20	7.20	8.640	0.0032	-2.5 to 2.5	Pass
				-10	7.20	7.653	0.0029	-2.5 to 2.5	Pass
				0	7.20	-2.718	-0.0010	-2.5 to 2.5	Pass
				10	7.20	10.242	0.0038	-2.5 to 2.5	Pass
				30	7.20	-2.875	-0.0011	-2.5 to 2.5	Pass
				40	7.20	-4.249	-0.0016	-2.5 to 2.5	Pass
				50	7.20	7.610	0.0028	-2.5 to 2.5	Pass

2.3 B41_15MHz

2.3.1 Test Result

Band: 41 / Bandwidth: 15MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	2503.5	75	0	20	6.12	6.909	0.0028	-2.5 to 2.5	Pass	
					7.20	5.193	0.0021	-2.5 to 2.5	Pass	
					8.28	-1.802	-0.0007	-2.5 to 2.5	Pass	
				-30	7.20	7.524	0.0030	-2.5 to 2.5	Pass	
					-20	7.20	2.575	0.0010	-2.5 to 2.5	Pass
					-10	7.20	5.765	0.0023	-2.5 to 2.5	Pass
				0	7.20	-1.445	-0.0006	-2.5 to 2.5	Pass	
					10	7.20	-3.777	-0.0015	-2.5 to 2.5	Pass
					30	7.20	3.748	0.0015	-2.5 to 2.5	Pass
					40	7.20	5.550	0.0022	-2.5 to 2.5	Pass
	50	7.20	-4.950		-0.0020	-2.5 to 2.5	Pass			
	2593	75	0		20	6.12	10.228	0.0039	-2.5 to 2.5	Pass
						7.20	-1.259	-0.0005	-2.5 to 2.5	Pass
				8.28		0.758	0.0003	-2.5 to 2.5	Pass	
				-30	7.20	9.513	0.0037	-2.5 to 2.5	Pass	
					-20	7.20	8.898	0.0034	-2.5 to 2.5	Pass
					-10	7.20	11.029	0.0043	-2.5 to 2.5	Pass
				0	7.20	4.406	0.0017	-2.5 to 2.5	Pass	
					10	7.20	-0.272	-0.0001	-2.5 to 2.5	Pass
					30	7.20	1.330	0.0005	-2.5 to 2.5	Pass
					40	7.20	2.103	0.0008	-2.5 to 2.5	Pass
	50	7.20	2.561		0.0010	-2.5 to 2.5	Pass			
	2682.5	75	0		20	6.12	13.204	0.0049	-2.5 to 2.5	Pass
						7.20	13.075	0.0049	-2.5 to 2.5	Pass
				8.28		13.475	0.0050	-2.5 to 2.5	Pass	
				-30	7.20	4.492	0.0017	-2.5 to 2.5	Pass	
					-20	7.20	3.576	0.0013	-2.5 to 2.5	Pass
					-10	7.20	7.825	0.0029	-2.5 to 2.5	Pass
				0	7.20	15.349	0.0057	-2.5 to 2.5	Pass	
					10	7.20	5.522	0.0021	-2.5 to 2.5	Pass
30					7.20	13.533	0.0050	-2.5 to 2.5	Pass	
40					7.20	5.951	0.0022	-2.5 to 2.5	Pass	
50	7.20	2.861	0.0011		-2.5 to 2.5	Pass				
16QAM	2503.5	75	0		20	6.12	3.319	0.0013	-2.5 to 2.5	Pass
						7.20	-2.561	-0.0010	-2.5 to 2.5	Pass
				8.28		2.832	0.0011	-2.5 to 2.5	Pass	
				-30	7.20	0.987	0.0004	-2.5 to 2.5	Pass	
					-20	7.20	-2.003	-0.0008	-2.5 to 2.5	Pass
					-10	7.20	-3.533	-0.0014	-2.5 to 2.5	Pass
				0	7.20	2.389	0.0010	-2.5 to 2.5	Pass	

64QAM	2593	75	0	10	7.20	1.202	0.0005	-2.5 to 2.5	Pass		
				30	7.20	-1.674	-0.0007	-2.5 to 2.5	Pass		
				40	7.20	2.260	0.0009	-2.5 to 2.5	Pass		
				50	7.20	-3.033	-0.0012	-2.5 to 2.5	Pass		
				20	6.12	3.977	0.0015	-2.5 to 2.5	Pass		
					7.20	0.186	0.0001	-2.5 to 2.5	Pass		
					8.28	3.734	0.0014	-2.5 to 2.5	Pass		
				-30	7.20	1.831	0.0007	-2.5 to 2.5	Pass		
				-20	7.20	1.330	0.0005	-2.5 to 2.5	Pass		
				-10	7.20	0.873	0.0003	-2.5 to 2.5	Pass		
				0	7.20	5.679	0.0022	-2.5 to 2.5	Pass		
				10	7.20	-1.245	-0.0005	-2.5 to 2.5	Pass		
	30	7.20	0.415	0.0002	-2.5 to 2.5	Pass					
	40	7.20	0.916	0.0004	-2.5 to 2.5	Pass					
	50	7.20	2.933	0.0011	-2.5 to 2.5	Pass					
	2682.5	75	0	20	6.12	4.463	0.0017	-2.5 to 2.5	Pass		
					7.20	10.200	0.0038	-2.5 to 2.5	Pass		
					8.28	10.014	0.0037	-2.5 to 2.5	Pass		
				-30	7.20	5.264	0.0020	-2.5 to 2.5	Pass		
				-20	7.20	7.410	0.0028	-2.5 to 2.5	Pass		
				-10	7.20	6.952	0.0026	-2.5 to 2.5	Pass		
				0	7.20	5.450	0.0020	-2.5 to 2.5	Pass		
				10	7.20	6.480	0.0024	-2.5 to 2.5	Pass		
				30	7.20	4.792	0.0018	-2.5 to 2.5	Pass		
				40	7.20	4.578	0.0017	-2.5 to 2.5	Pass		
				50	7.20	4.091	0.0015	-2.5 to 2.5	Pass		
				2503.5	75	0	20	6.12	6.280	0.0025	-2.5 to 2.5
	7.20	0.315	0.0001					-2.5 to 2.5	Pass		
	8.28	7.725	0.0031					-2.5 to 2.5	Pass		
	-30	7.20	-2.332				-0.0009	-2.5 to 2.5	Pass		
	-20	7.20	-1.945				-0.0008	-2.5 to 2.5	Pass		
	-10	7.20	-2.346				-0.0009	-2.5 to 2.5	Pass		
	0	7.20	-1.144				-0.0005	-2.5 to 2.5	Pass		
10	7.20	-0.343	-0.0001				-2.5 to 2.5	Pass			
30	7.20	5.279	0.0021				-2.5 to 2.5	Pass			
40	7.20	-4.778	-0.0019				-2.5 to 2.5	Pass			
50	7.20	8.426	0.0034				-2.5 to 2.5	Pass			
2593	75	0	20				6.12	11.730	0.0045	-2.5 to 2.5	Pass
							7.20	10.057	0.0039	-2.5 to 2.5	Pass
							8.28	1.245	0.0005	-2.5 to 2.5	Pass
			-30				7.20	2.317	0.0009	-2.5 to 2.5	Pass
			-20				7.20	12.875	0.0050	-2.5 to 2.5	Pass
			-10				7.20	13.962	0.0054	-2.5 to 2.5	Pass
			0				7.20	12.860	0.0050	-2.5 to 2.5	Pass
			10	7.20	12.689	0.0049	-2.5 to 2.5	Pass			
			30	7.20	11.988	0.0046	-2.5 to 2.5	Pass			
40	7.20	0.658	0.0003	-2.5 to 2.5	Pass						
50	7.20	2.732	0.0011	-2.5 to 2.5	Pass						
2682.5	75	0	20	6.12	13.947	0.0052	-2.5 to 2.5	Pass			
				7.20	11.988	0.0045	-2.5 to 2.5	Pass			
				8.28	15.950	0.0059	-2.5 to 2.5	Pass			
			-30	7.20	14.677	0.0055	-2.5 to 2.5	Pass			
			-20	7.20	3.662	0.0014	-2.5 to 2.5	Pass			
			-10	7.20	6.595	0.0025	-2.5 to 2.5	Pass			
			0	7.20	15.121	0.0056	-2.5 to 2.5	Pass			
			10	7.20	4.878	0.0018	-2.5 to 2.5	Pass			
30	7.20	13.747	0.0051	-2.5 to 2.5	Pass						
40	7.20	12.832	0.0048	-2.5 to 2.5	Pass						

				50	7.20	13.275	0.0049	-2.5 to 2.5	Pass
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2.4 B41_20MHz

2.4.1 Test Result

Band: 41 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2506	100	0	20	6.12	11.787	0.0047	-2.5 to 2.5	Pass
					7.20	3.319	0.0013	-2.5 to 2.5	Pass
					8.28	10.099	0.0040	-2.5 to 2.5	Pass
				-30	7.20	9.885	0.0039	-2.5 to 2.5	Pass
				-20	7.20	9.899	0.0040	-2.5 to 2.5	Pass
				-10	7.20	8.926	0.0036	-2.5 to 2.5	Pass
				0	7.20	9.971	0.0040	-2.5 to 2.5	Pass
				10	7.20	2.031	0.0008	-2.5 to 2.5	Pass
				30	7.20	9.155	0.0037	-2.5 to 2.5	Pass
				40	7.20	10.014	0.0040	-2.5 to 2.5	Pass
	50	7.20	1.101	0.0004	-2.5 to 2.5	Pass			
	2593	100	0	20	6.12	2.375	0.0009	-2.5 to 2.5	Pass
					7.20	1.345	0.0005	-2.5 to 2.5	Pass
					8.28	1.874	0.0007	-2.5 to 2.5	Pass
				-30	7.20	10.200	0.0039	-2.5 to 2.5	Pass
				-20	7.20	2.418	0.0009	-2.5 to 2.5	Pass
				-10	7.20	9.441	0.0036	-2.5 to 2.5	Pass
				0	7.20	11.988	0.0046	-2.5 to 2.5	Pass
				10	7.20	0.801	0.0003	-2.5 to 2.5	Pass
				30	7.20	8.368	0.0032	-2.5 to 2.5	Pass
				40	7.20	7.396	0.0029	-2.5 to 2.5	Pass
	50	7.20	9.198	0.0035	-2.5 to 2.5	Pass			
	2680	100	0	20	6.12	11.115	0.0041	-2.5 to 2.5	Pass
					7.20	11.530	0.0043	-2.5 to 2.5	Pass
					8.28	4.020	0.0015	-2.5 to 2.5	Pass
				-30	7.20	4.277	0.0016	-2.5 to 2.5	Pass
				-20	7.20	12.188	0.0045	-2.5 to 2.5	Pass
				-10	7.20	1.373	0.0005	-2.5 to 2.5	Pass
				0	7.20	0.730	0.0003	-2.5 to 2.5	Pass
				10	7.20	10.228	0.0038	-2.5 to 2.5	Pass
30				7.20	3.004	0.0011	-2.5 to 2.5	Pass	
40				7.20	0.730	0.0003	-2.5 to 2.5	Pass	
50	7.20	9.828	0.0037	-2.5 to 2.5	Pass				
16QAM	2506	100	0	20	6.12	2.747	0.0011	-2.5 to 2.5	Pass
					7.20	0.987	0.0004	-2.5 to 2.5	Pass
					8.28	2.303	0.0009	-2.5 to 2.5	Pass
				-30	7.20	2.575	0.0010	-2.5 to 2.5	Pass
				-20	7.20	4.749	0.0019	-2.5 to 2.5	Pass
				-10	7.20	3.304	0.0013	-2.5 to 2.5	Pass
				0	7.20	5.608	0.0022	-2.5 to 2.5	Pass
				10	7.20	1.016	0.0004	-2.5 to 2.5	Pass
				30	7.20	3.819	0.0015	-2.5 to 2.5	Pass
				40	7.20	-0.229	-0.0001	-2.5 to 2.5	Pass
	50	7.20	3.233	0.0013	-2.5 to 2.5	Pass			
	2593	100	0	20	6.12	0.744	0.0003	-2.5 to 2.5	Pass
					7.20	-0.701	-0.0003	-2.5 to 2.5	Pass

					8.28	0.415	0.0002	-2.5 to 2.5	Pass
				-30	7.20	-2.203	-0.0008	-2.5 to 2.5	Pass
				-20	7.20	1.345	0.0005	-2.5 to 2.5	Pass
				-10	7.20	3.891	0.0015	-2.5 to 2.5	Pass
				0	7.20	1.030	0.0004	-2.5 to 2.5	Pass
				10	7.20	3.190	0.0012	-2.5 to 2.5	Pass
				30	7.20	1.359	0.0005	-2.5 to 2.5	Pass
				40	7.20	4.263	0.0016	-2.5 to 2.5	Pass
				50	7.20	2.675	0.0010	-2.5 to 2.5	Pass
	2680	100	0	20	6.12	-1.144	-0.0004	-2.5 to 2.5	Pass
					7.20	9.313	0.0035	-2.5 to 2.5	Pass
					8.28	7.138	0.0027	-2.5 to 2.5	Pass
				-30	7.20	2.460	0.0009	-2.5 to 2.5	Pass
				-20	7.20	1.688	0.0006	-2.5 to 2.5	Pass
				-10	7.20	7.210	0.0027	-2.5 to 2.5	Pass
				0	7.20	3.605	0.0013	-2.5 to 2.5	Pass
				10	7.20	3.576	0.0013	-2.5 to 2.5	Pass
				30	7.20	3.734	0.0014	-2.5 to 2.5	Pass
				40	7.20	1.101	0.0004	-2.5 to 2.5	Pass
50	7.20	-0.486	-0.0002	-2.5 to 2.5	Pass				
64QAM	2506	100	0	20	6.12	2.618	0.0010	-2.5 to 2.5	Pass
					7.20	10.314	0.0041	-2.5 to 2.5	Pass
					8.28	8.941	0.0036	-2.5 to 2.5	Pass
				-30	7.20	2.575	0.0010	-2.5 to 2.5	Pass
				-20	7.20	3.405	0.0014	-2.5 to 2.5	Pass
				-10	7.20	9.656	0.0039	-2.5 to 2.5	Pass
				0	7.20	2.646	0.0011	-2.5 to 2.5	Pass
				10	7.20	8.268	0.0033	-2.5 to 2.5	Pass
				30	7.20	11.044	0.0044	-2.5 to 2.5	Pass
				40	7.20	14.334	0.0057	-2.5 to 2.5	Pass
	50	7.20	9.241	0.0037	-2.5 to 2.5	Pass			
	2593	100	0	20	6.12	2.046	0.0008	-2.5 to 2.5	Pass
					7.20	10.543	0.0041	-2.5 to 2.5	Pass
					8.28	10.586	0.0041	-2.5 to 2.5	Pass
				-30	7.20	0.701	0.0003	-2.5 to 2.5	Pass
				-20	7.20	1.845	0.0007	-2.5 to 2.5	Pass
				-10	7.20	10.142	0.0039	-2.5 to 2.5	Pass
				0	7.20	9.713	0.0037	-2.5 to 2.5	Pass
				10	7.20	1.488	0.0006	-2.5 to 2.5	Pass
				30	7.20	2.532	0.0010	-2.5 to 2.5	Pass
				40	7.20	0.701	0.0003	-2.5 to 2.5	Pass
	50	7.20	10.028	0.0039	-2.5 to 2.5	Pass			
	2680	100	0	20	6.12	3.719	0.0014	-2.5 to 2.5	Pass
					7.20	0.887	0.0003	-2.5 to 2.5	Pass
					8.28	13.132	0.0049	-2.5 to 2.5	Pass
				-30	7.20	2.718	0.0010	-2.5 to 2.5	Pass
				-20	7.20	12.345	0.0046	-2.5 to 2.5	Pass
				-10	7.20	9.756	0.0036	-2.5 to 2.5	Pass
				0	7.20	13.661	0.0051	-2.5 to 2.5	Pass
10				7.20	9.971	0.0037	-2.5 to 2.5	Pass	
30				7.20	12.074	0.0045	-2.5 to 2.5	Pass	
40				7.20	0.529	0.0002	-2.5 to 2.5	Pass	
50	7.20	10.729	0.0040	-2.5 to 2.5	Pass				

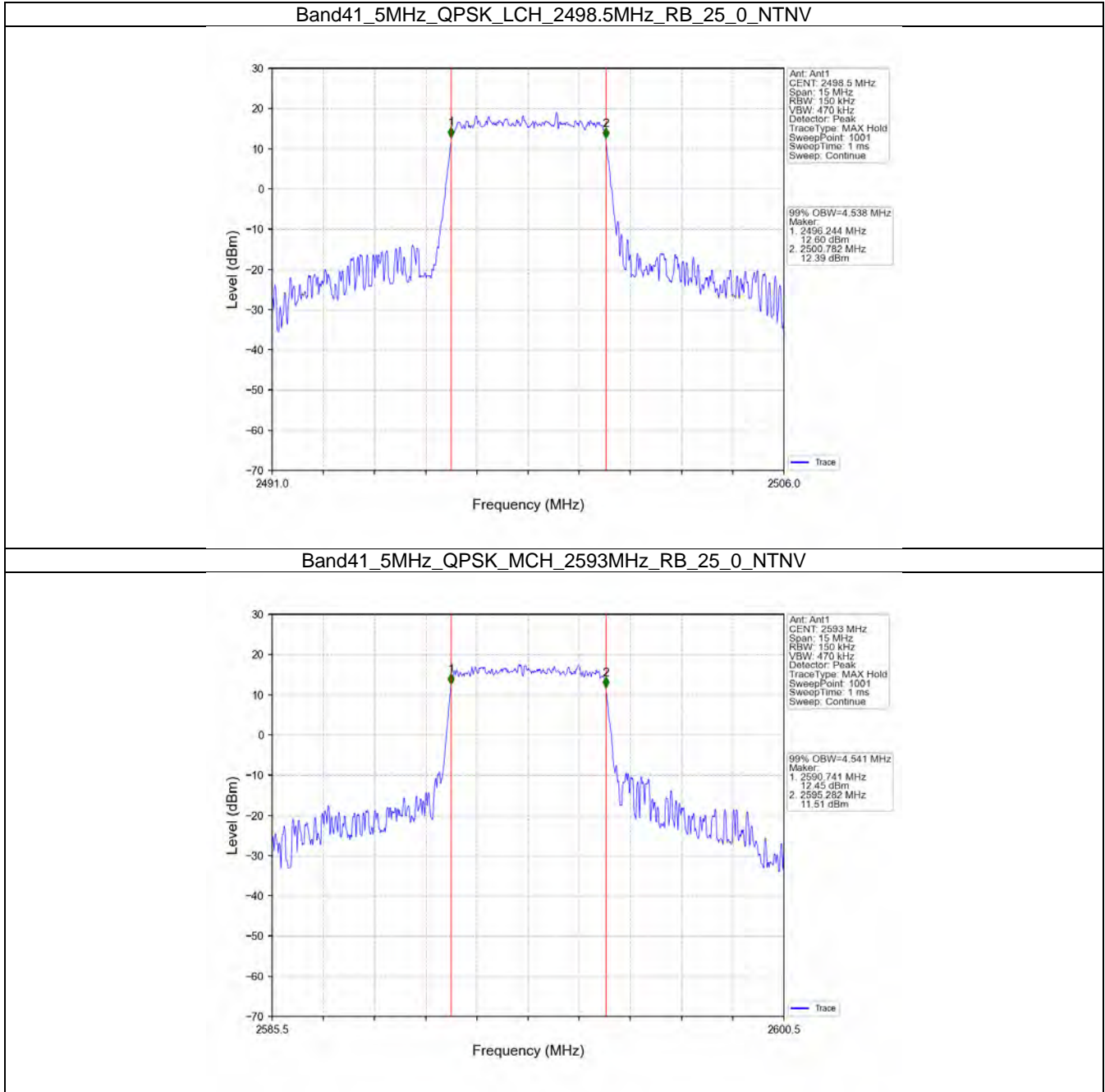
3. 99% & 26dB Bandwidth

3.1 Band41_OBW

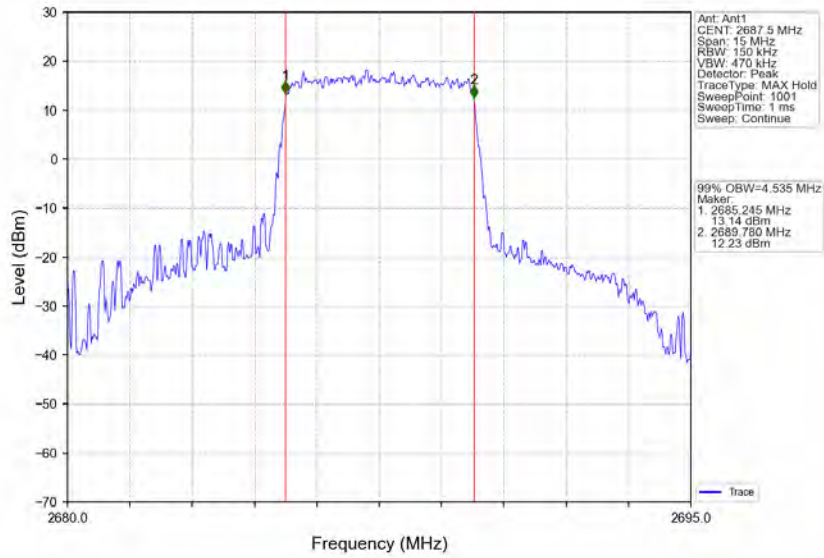
3.1.1 Test Result

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	4.538	/	Pass
		2593	25	0	4.541	/	Pass
		2687.5	25	0	4.535	/	Pass
	16QAM	2498.5	25	0	4.532	/	Pass
		2593	25	0	4.559	/	Pass
		2687.5	25	0	4.554	/	Pass
	64QAM	2498.5	25	0	4.545	/	Pass
		2593	25	0	4.557	/	Pass
		2687.5	25	0	4.542	/	Pass
10	QPSK	2501	50	0	9.022	/	Pass
		2593	50	0	9.016	/	Pass
		2685	50	0	9.054	/	Pass
	16QAM	2501	50	0	9.042	/	Pass
		2593	50	0	9.027	/	Pass
		2685	50	0	9.041	/	Pass
	64QAM	2501	50	0	9.014	/	Pass
		2593	50	0	9.036	/	Pass
		2685	50	0	9.034	/	Pass
15	QPSK	2503.5	75	0	13.545	/	Pass
		2593	75	0	13.534	/	Pass
		2682.5	75	0	13.498	/	Pass
	16QAM	2503.5	75	0	13.549	/	Pass
		2593	75	0	13.521	/	Pass
		2682.5	75	0	13.598	/	Pass
	64QAM	2503.5	75	0	13.543	/	Pass
		2593	75	0	13.551	/	Pass
		2682.5	75	0	13.551	/	Pass
20	QPSK	2506	100	0	18.075	/	Pass
		2593	100	0	18.029	/	Pass
		2680	100	0	18.036	/	Pass
	16QAM	2506	100	0	18.003	/	Pass
		2593	100	0	18.034	/	Pass
		2680	100	0	18.056	/	Pass
	64QAM	2506	100	0	18.009	/	Pass
		2593	100	0	18.065	/	Pass
		2680	100	0	18.049	/	Pass

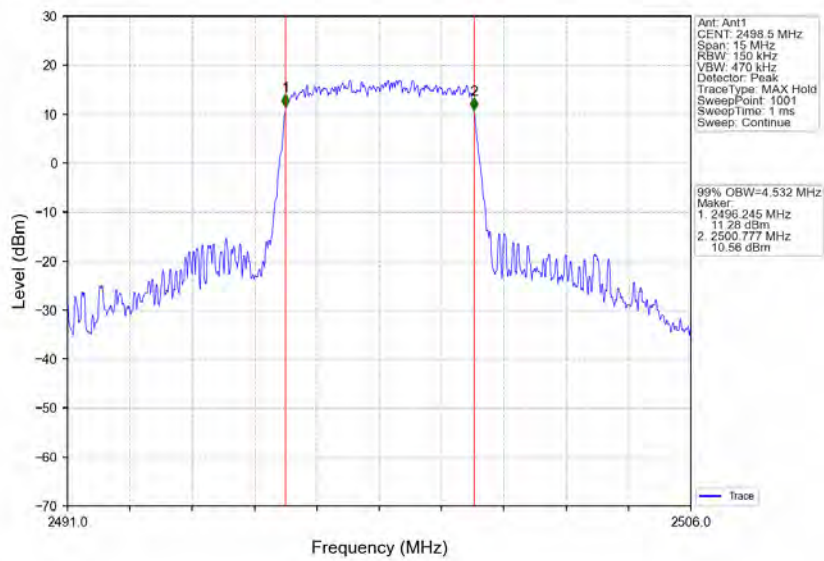
3.1.2 Test Graph



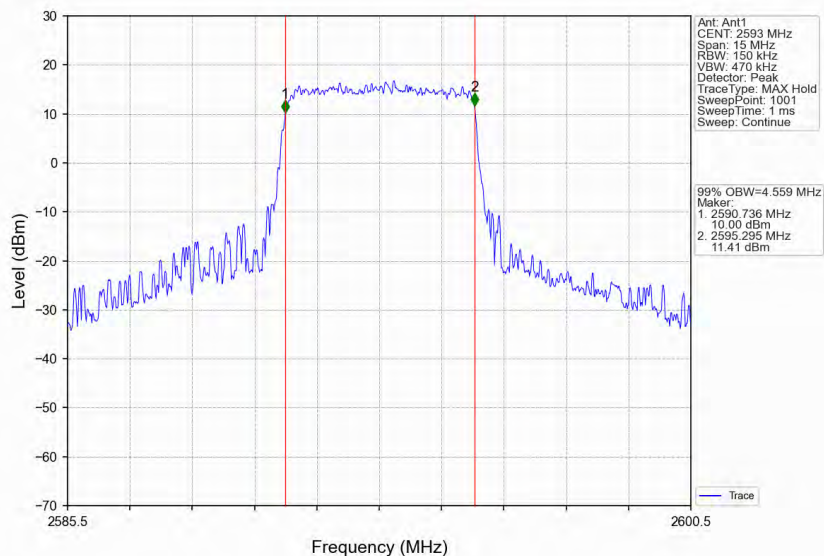
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



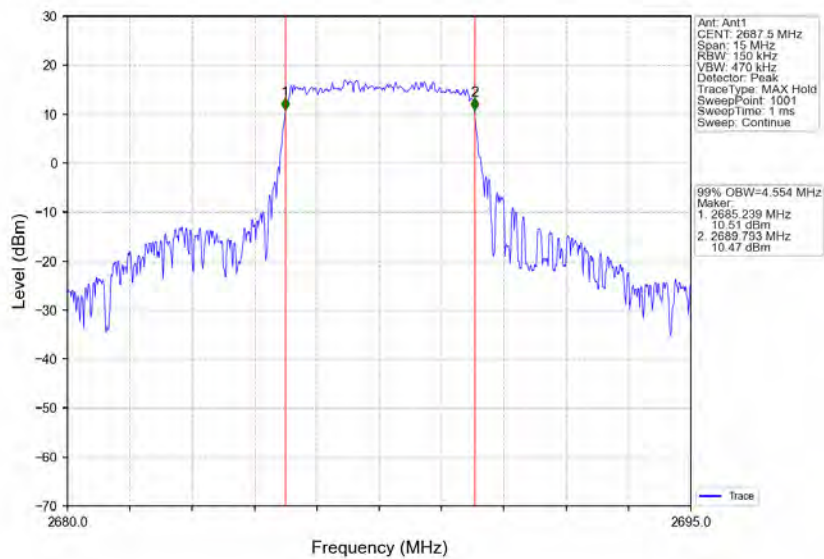
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



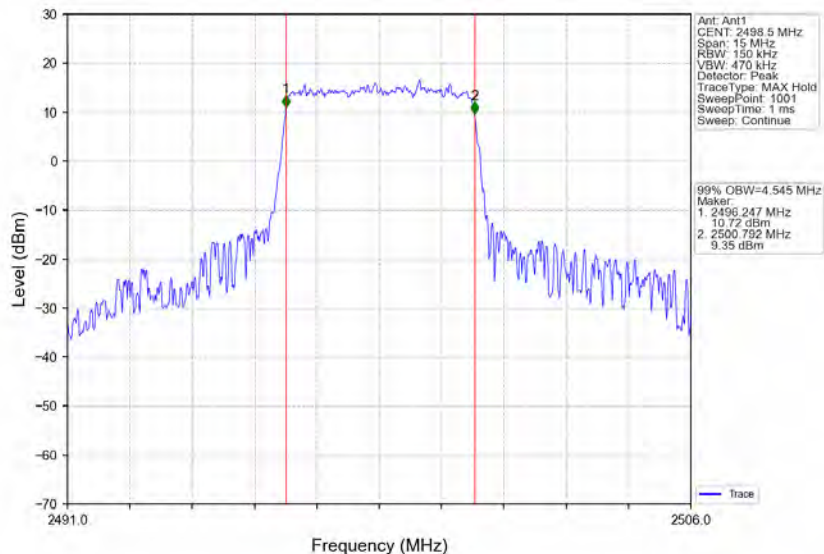
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



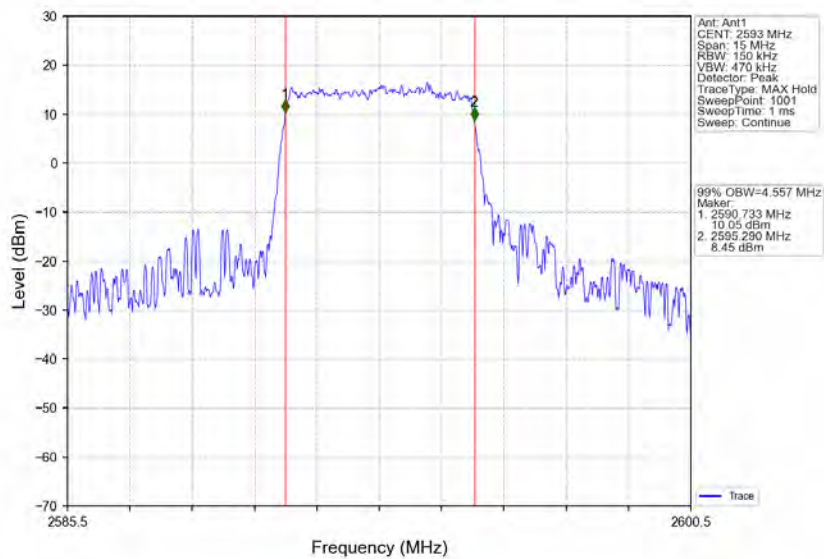
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



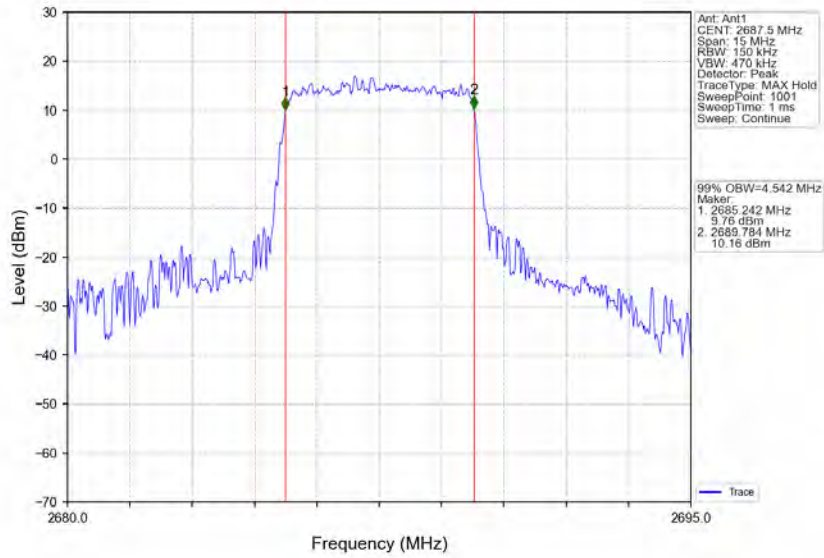
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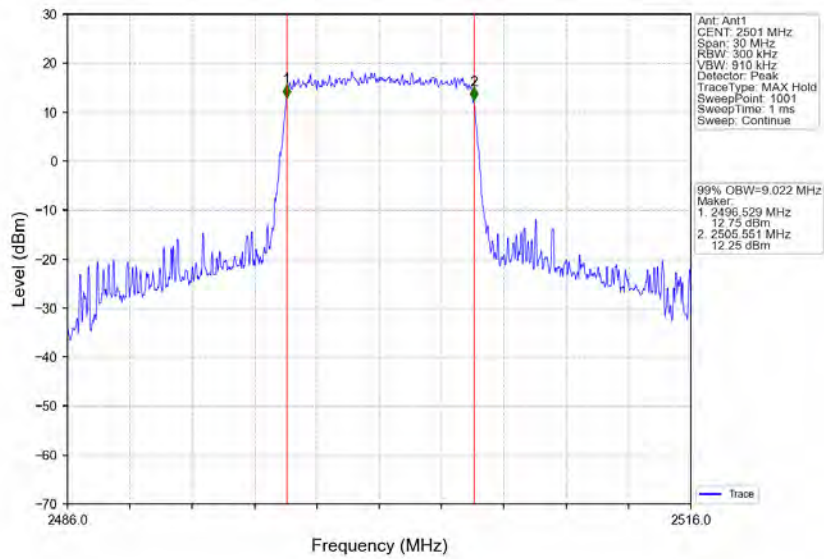
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



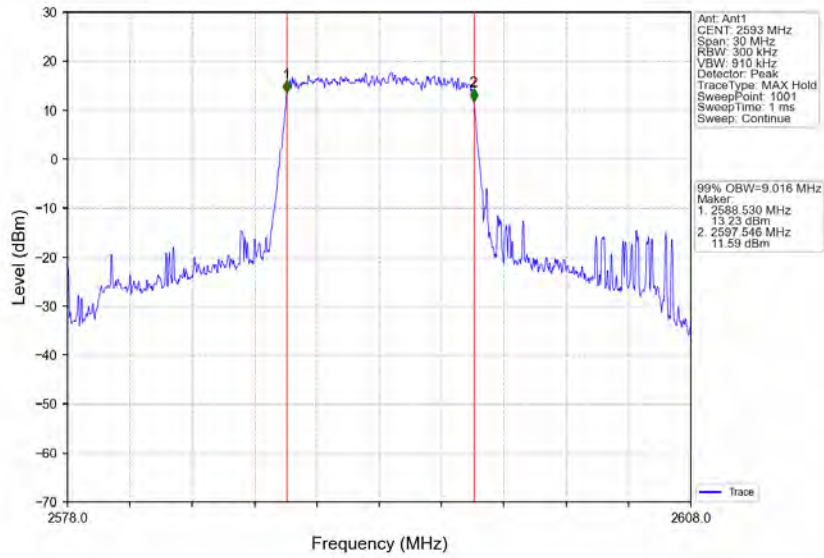
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



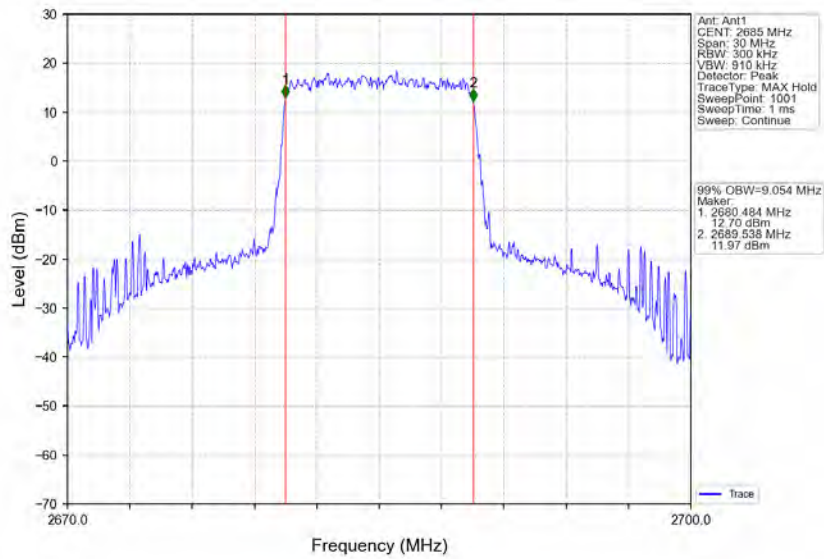
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



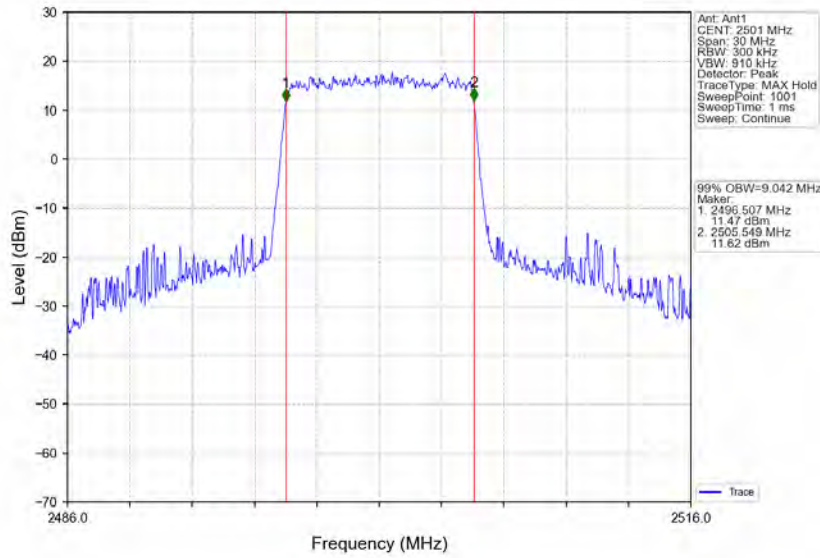
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



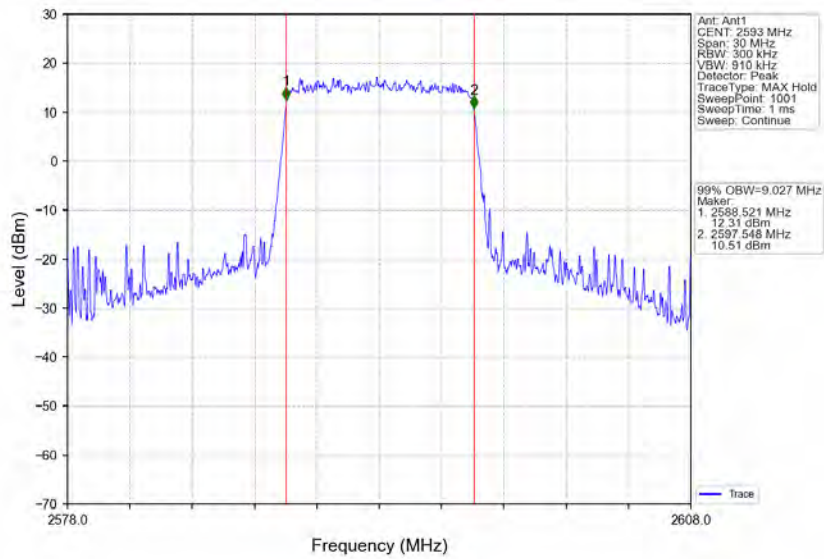
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



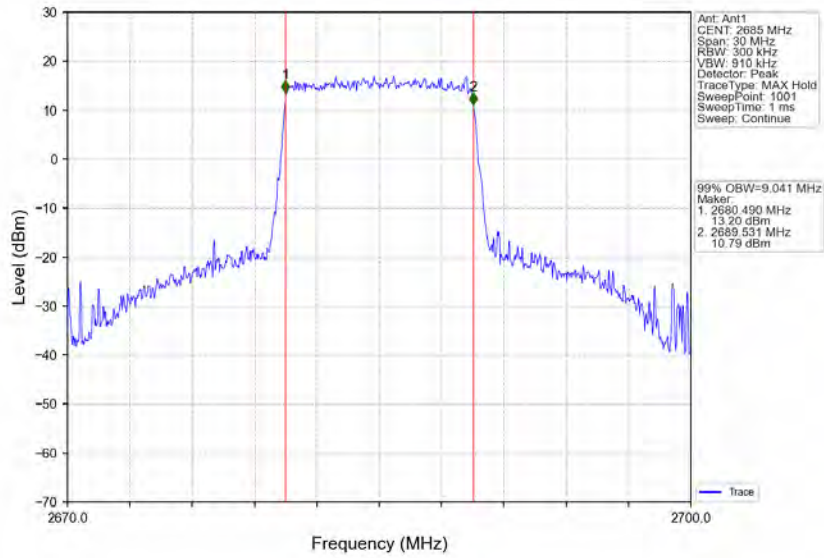
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



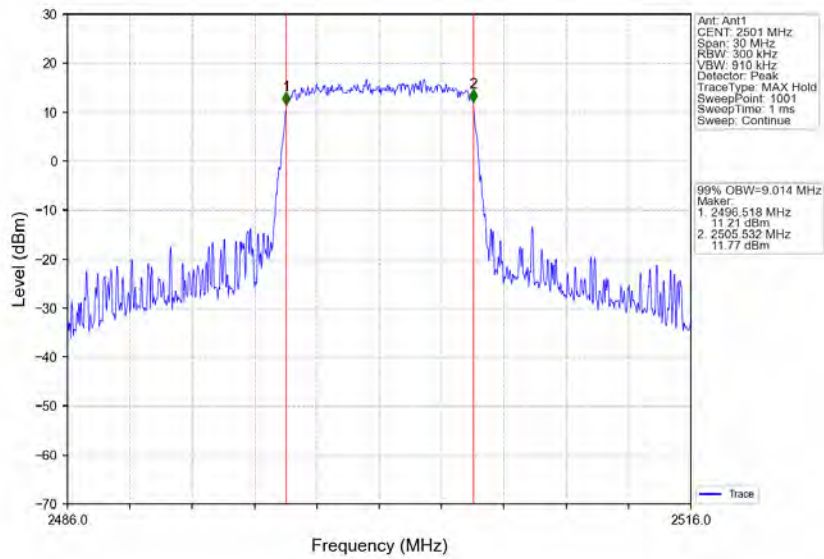
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



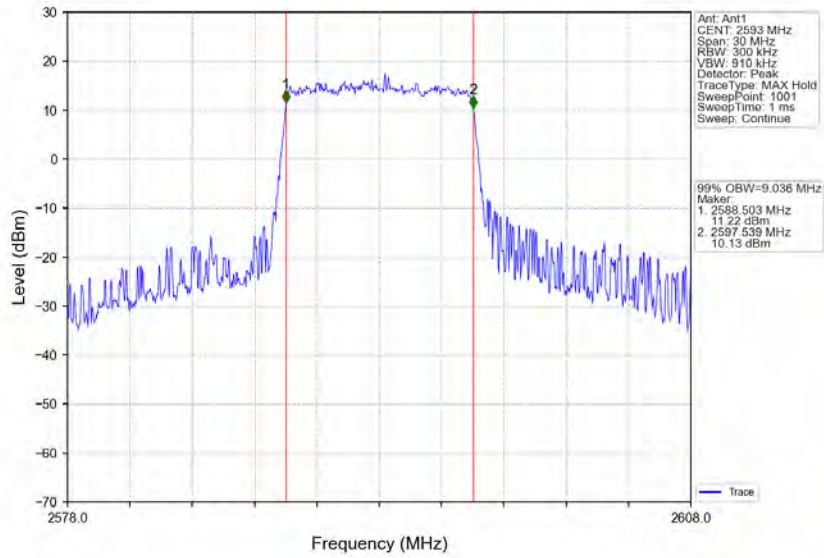
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



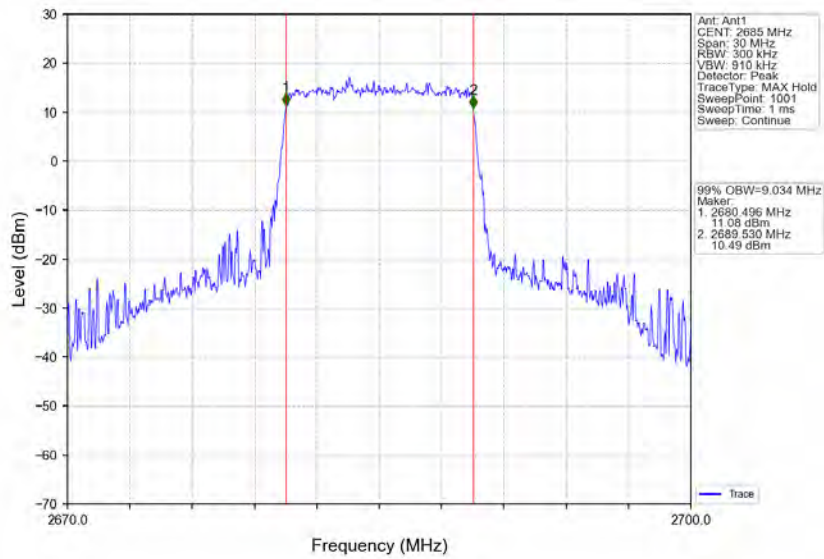
Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV



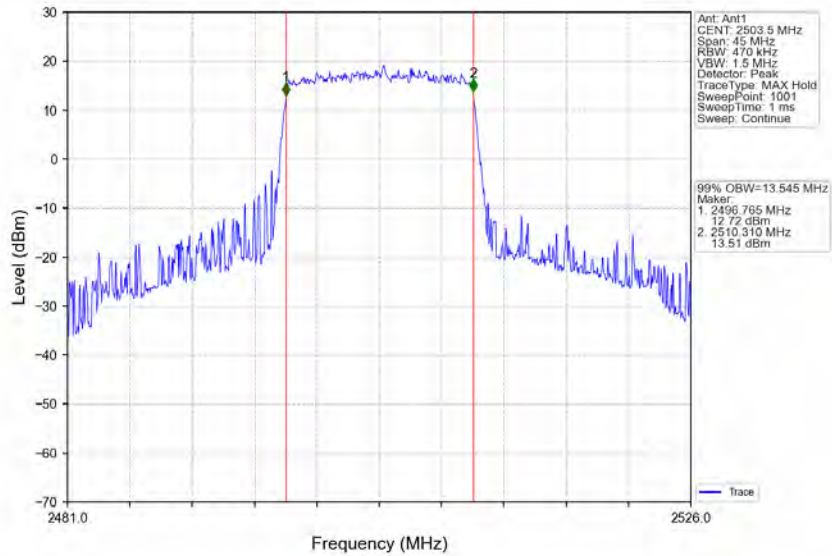
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



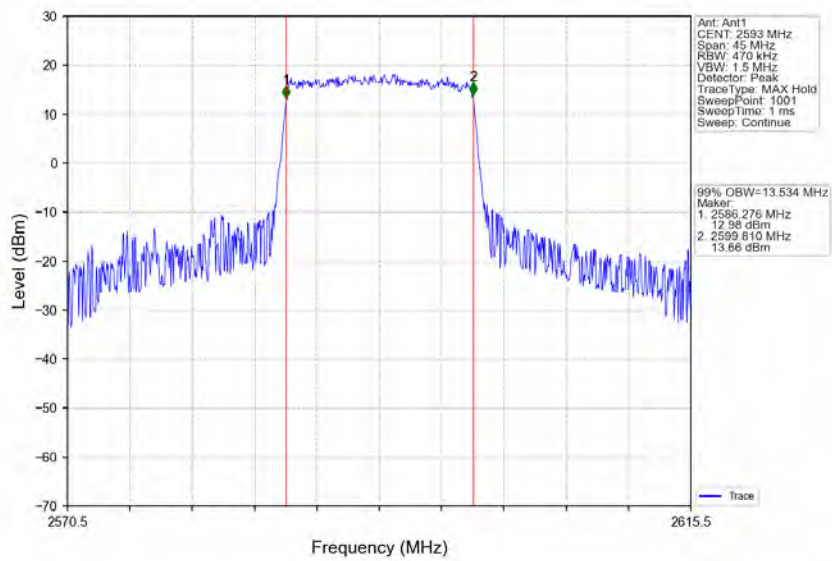
Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



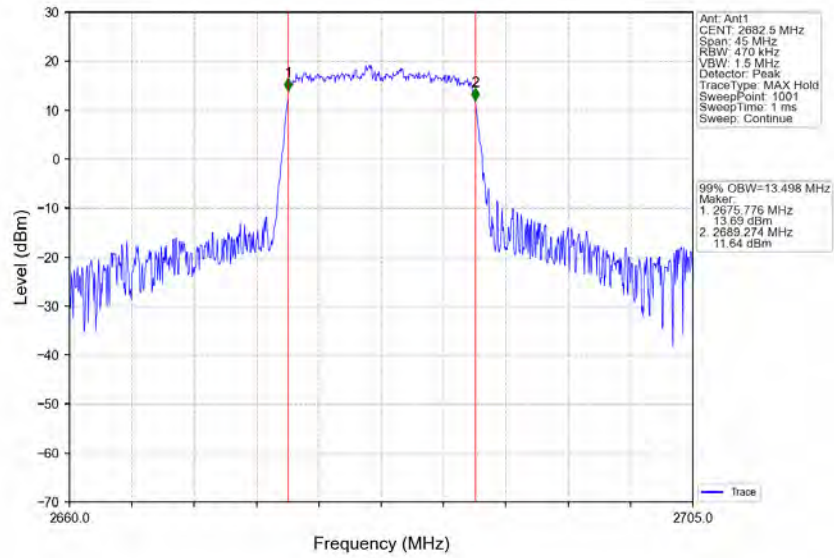
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



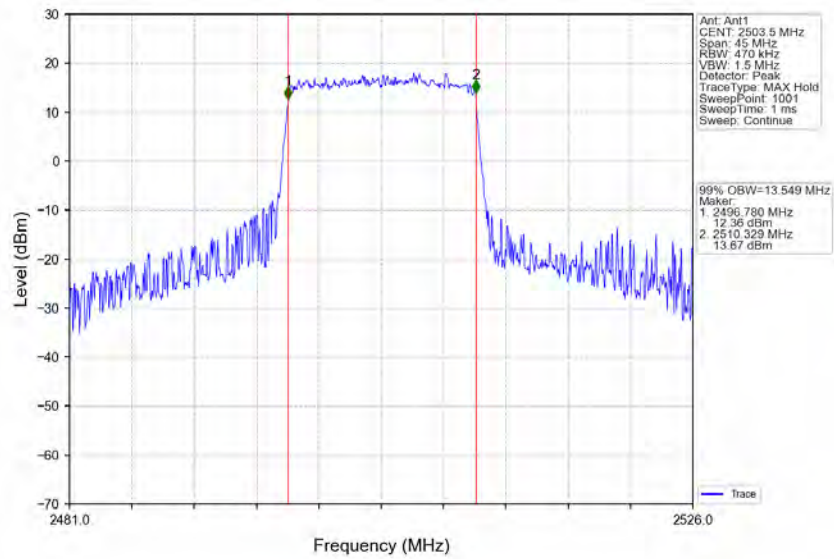
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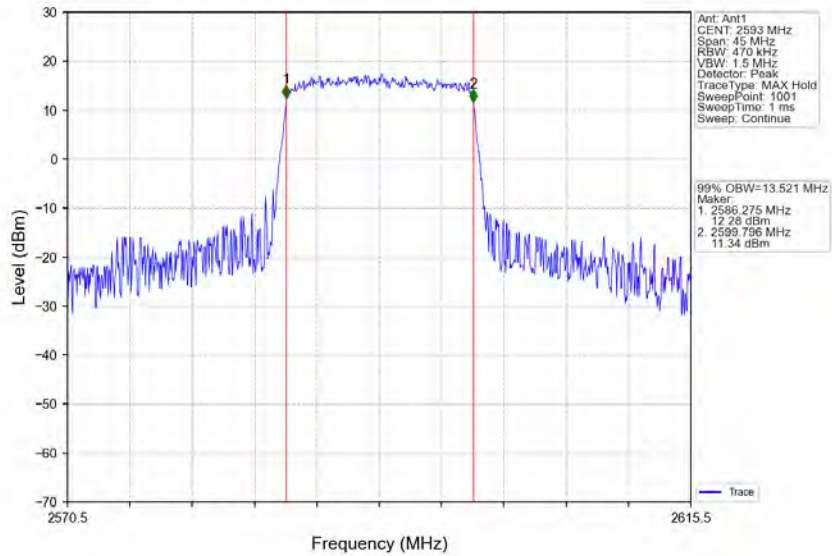
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



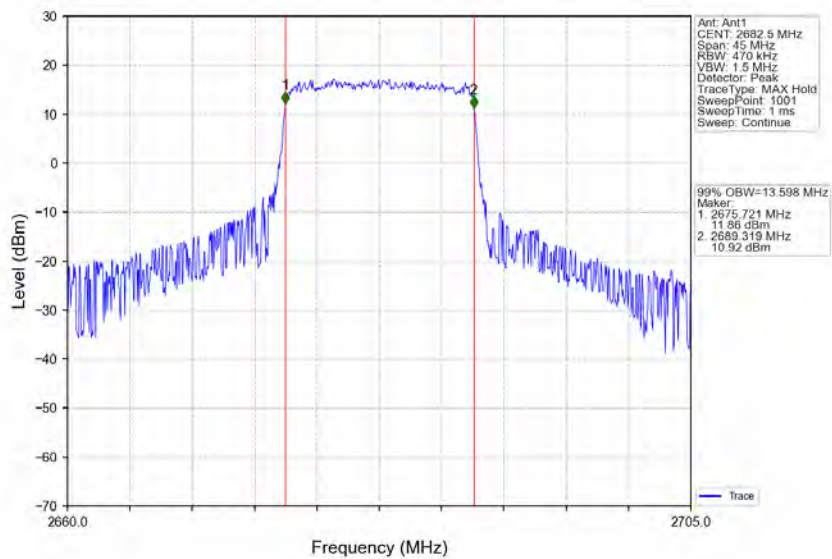
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



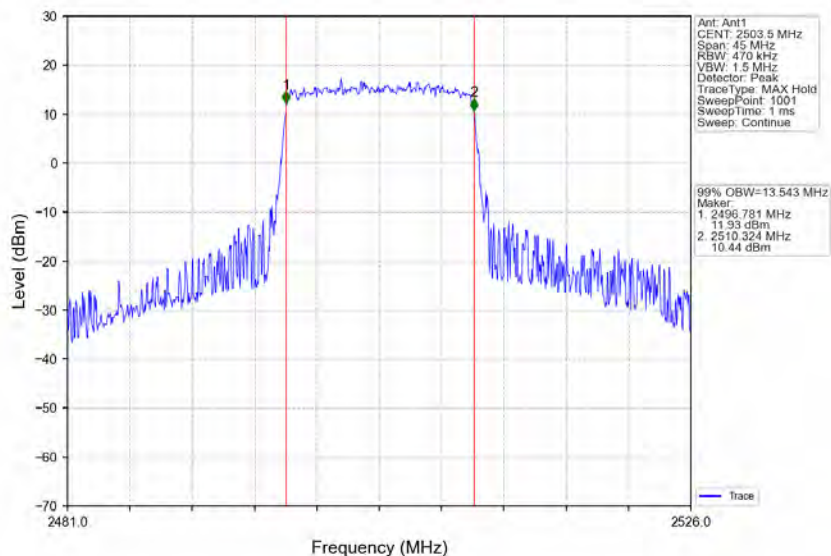
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



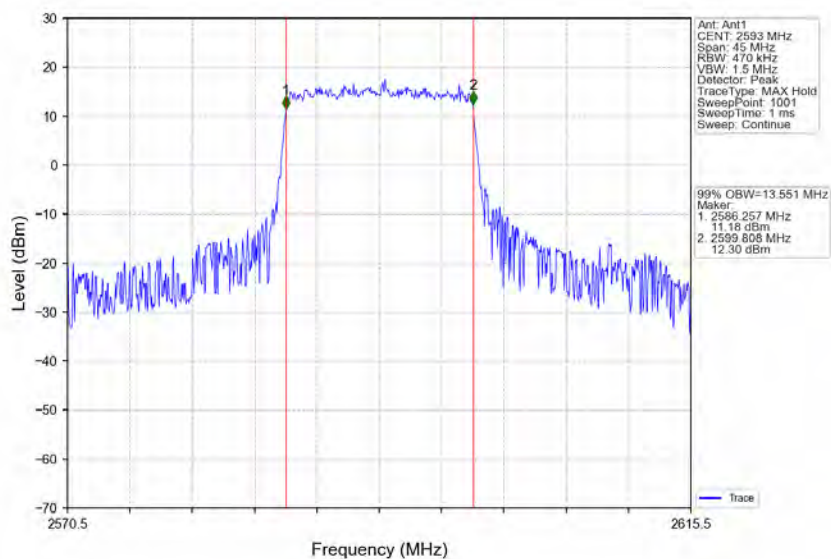
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



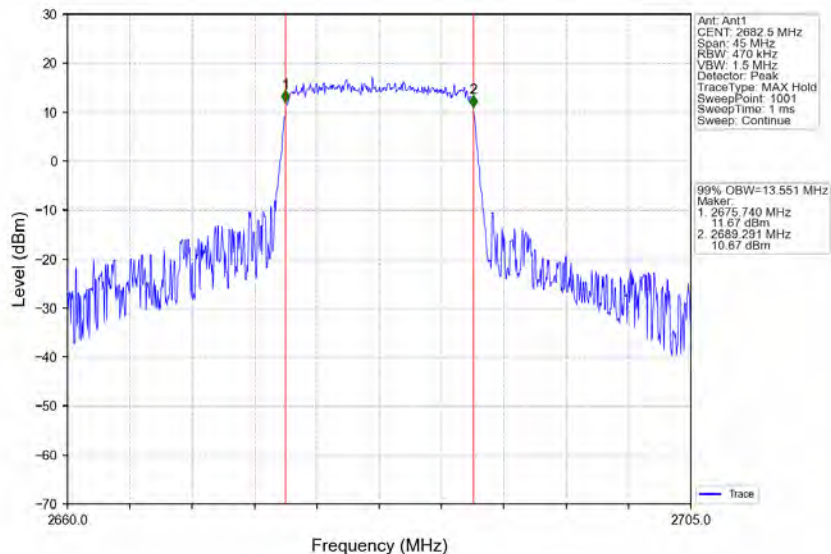
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



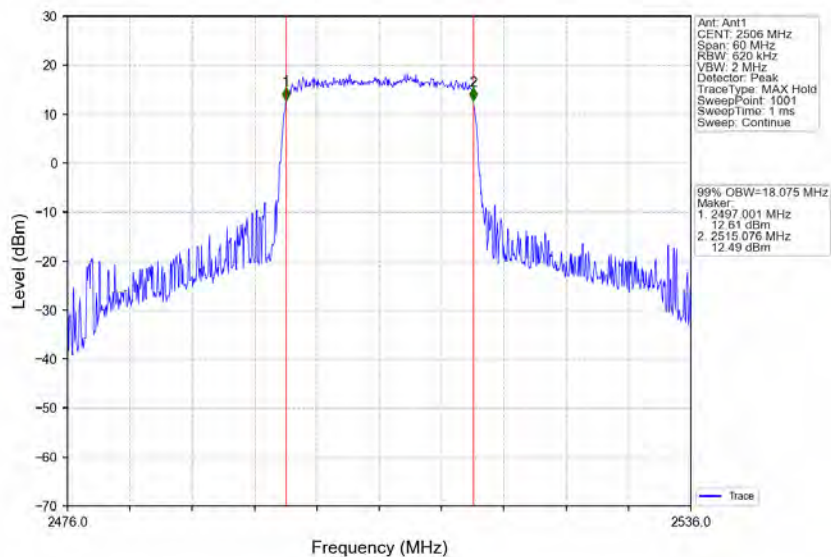
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



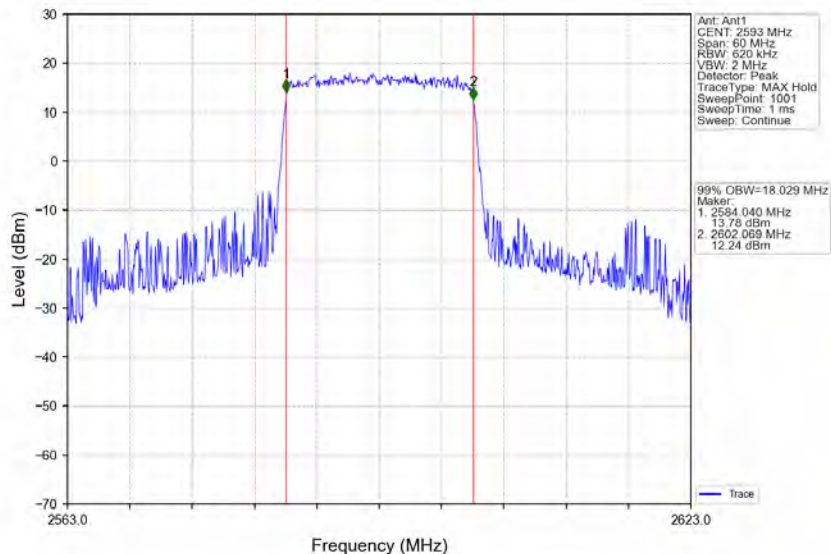
Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



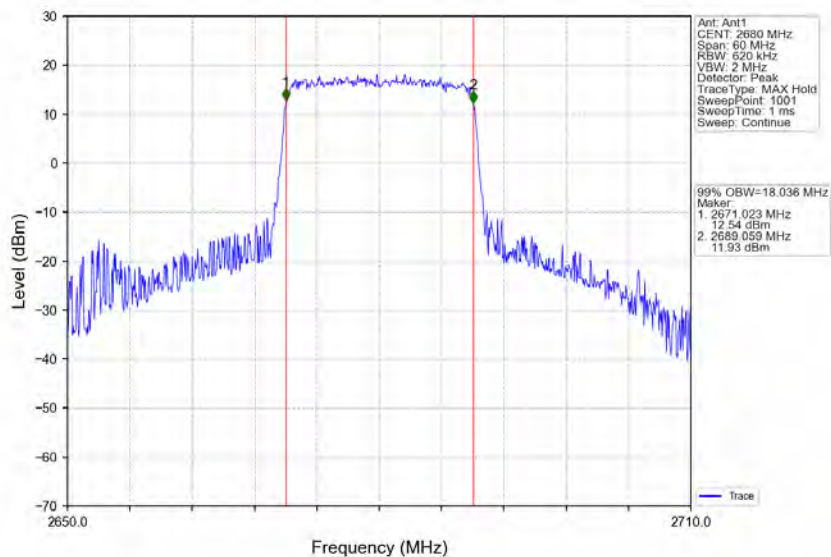
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



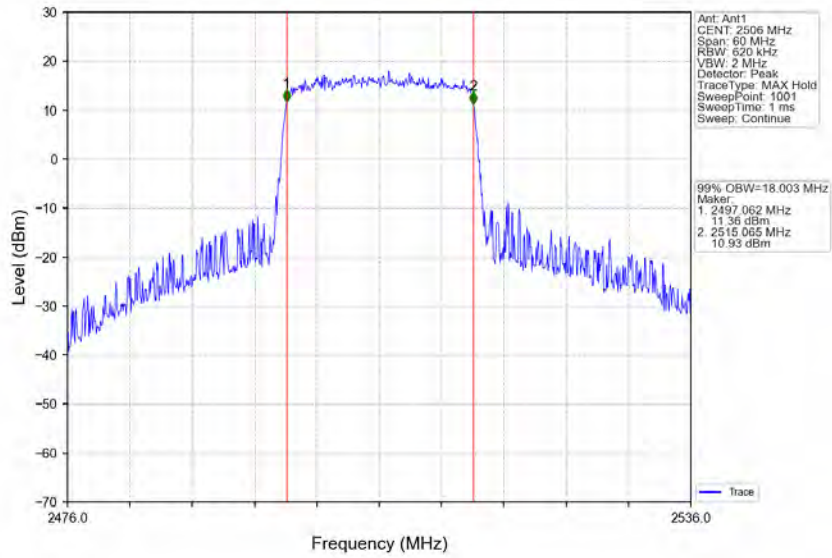
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



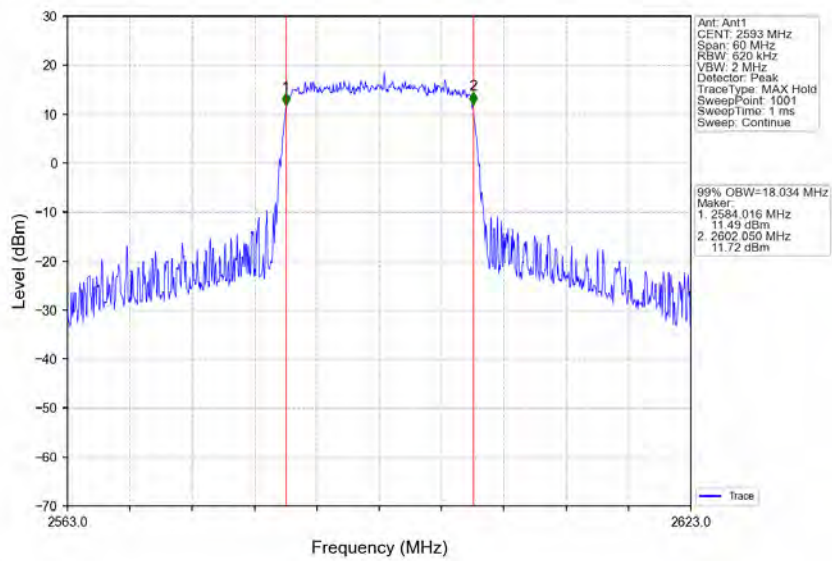
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



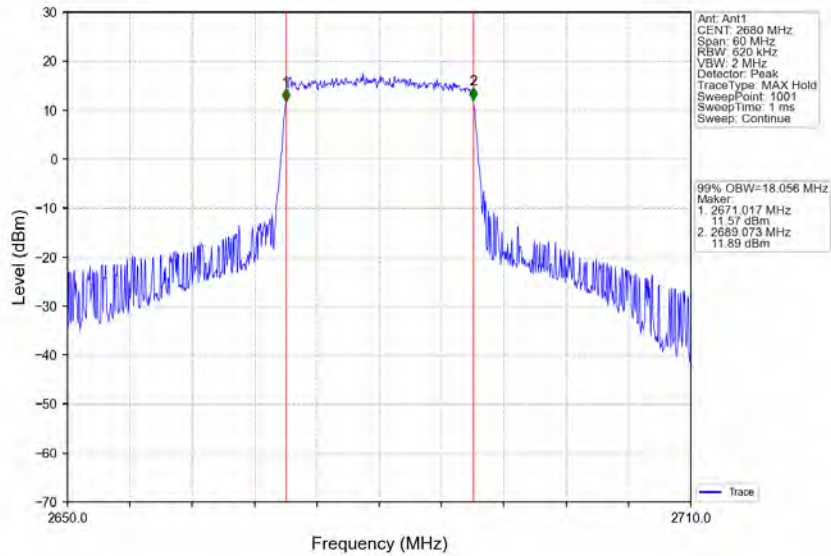
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



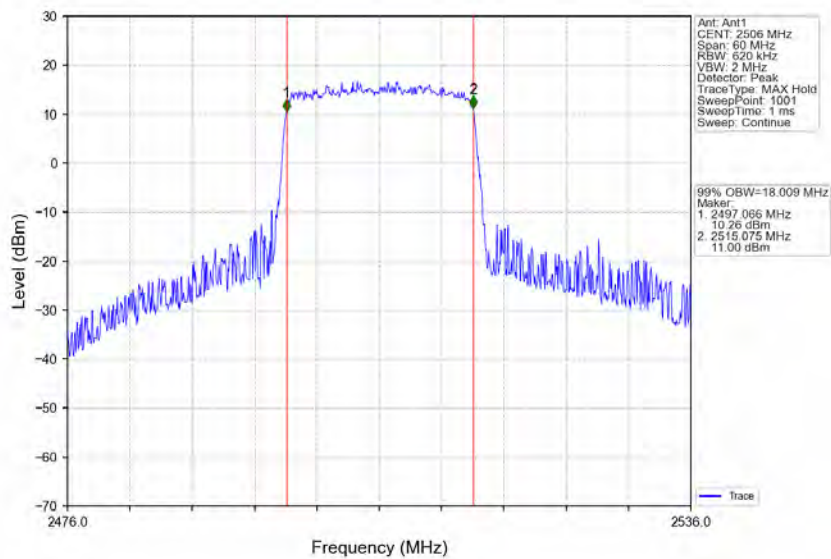
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



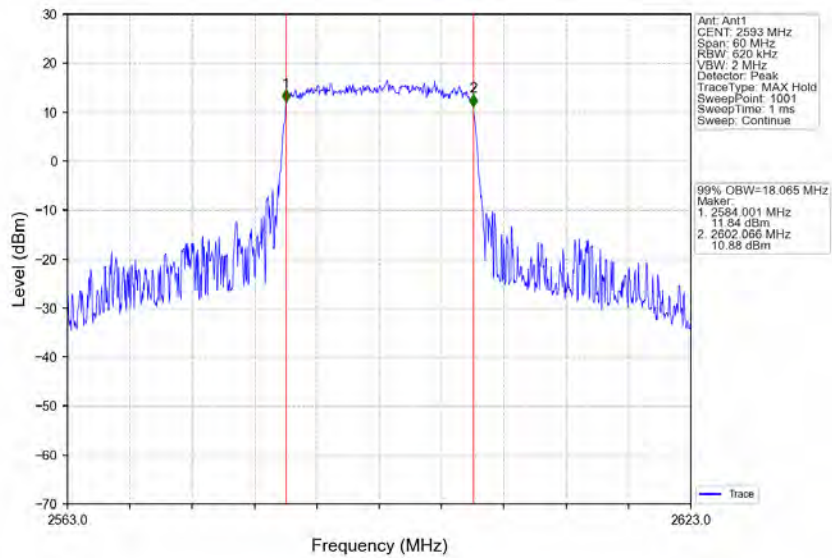
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



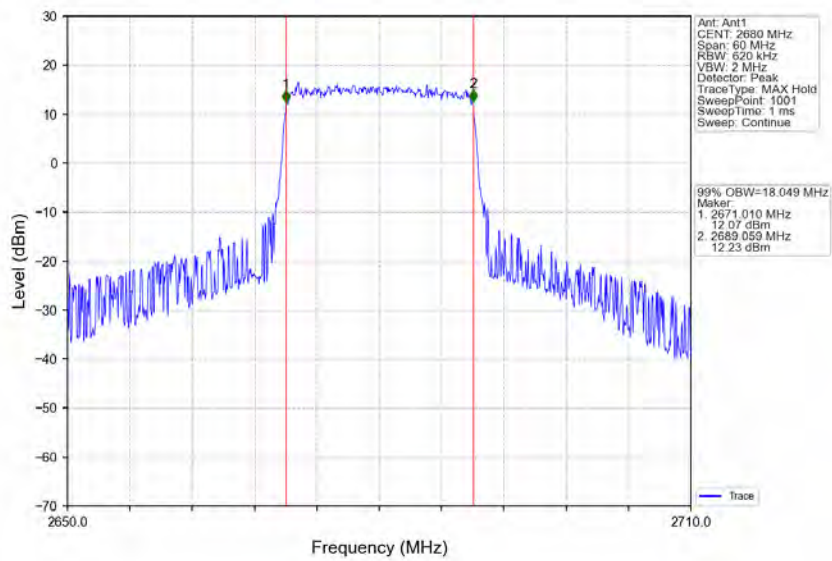
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV

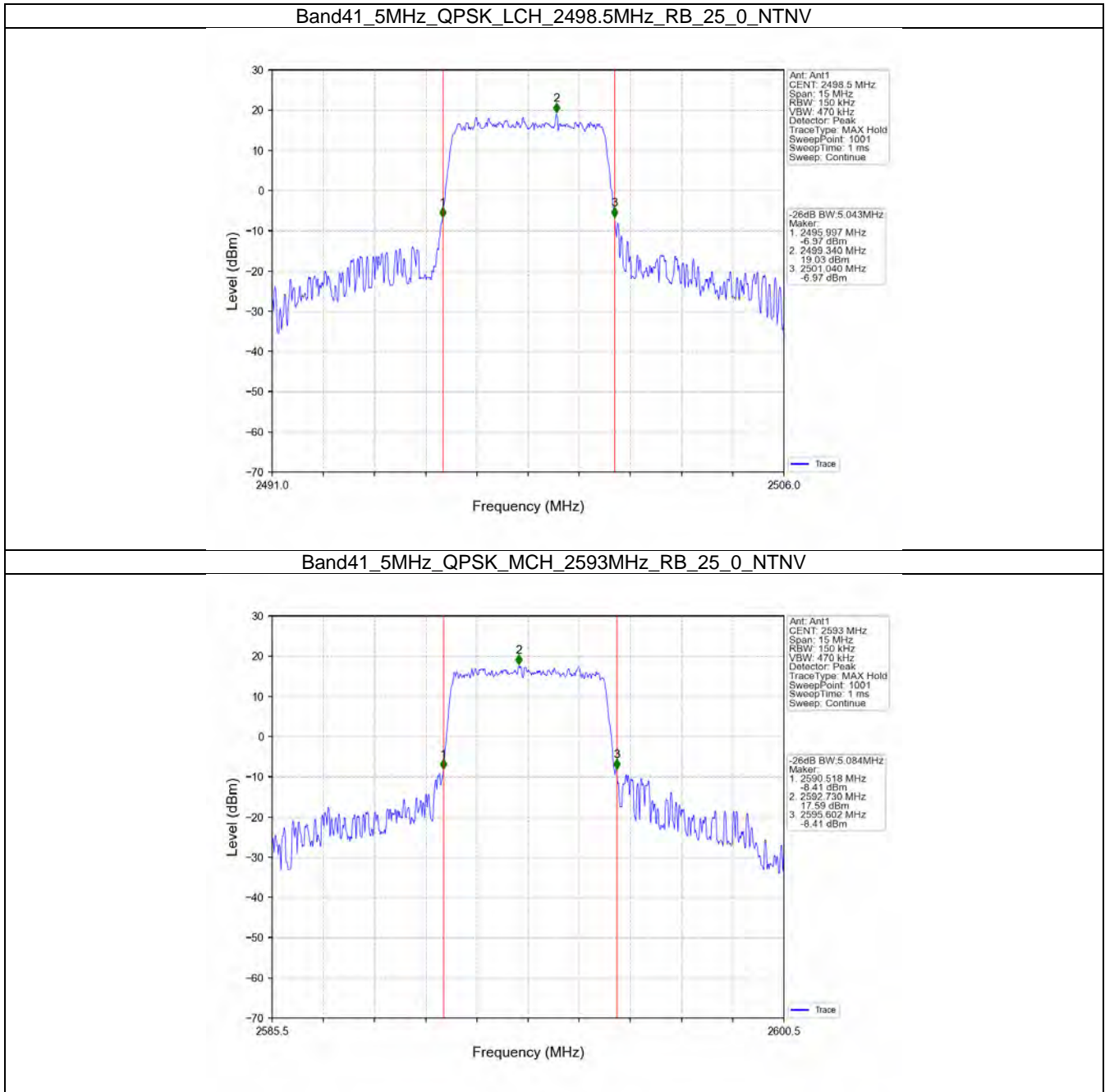


4. Band41_XDB

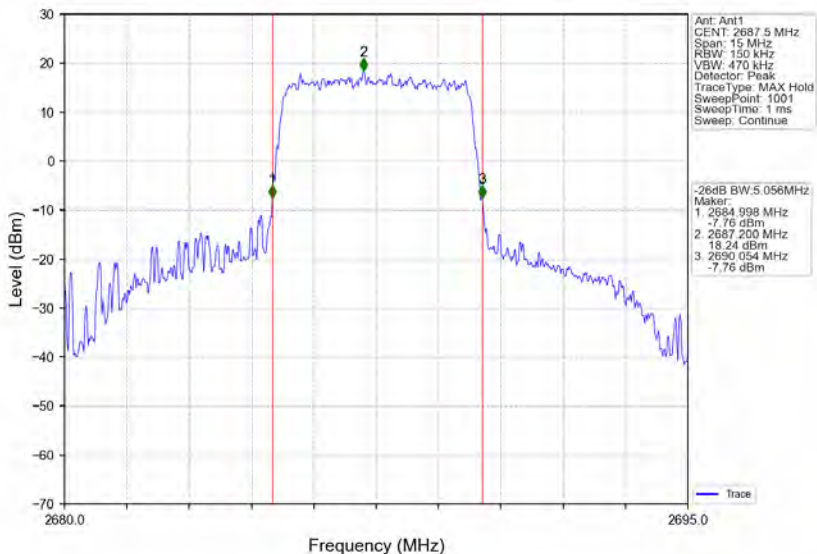
4.1.1 Test Result

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.043	/	Pass
		2593	25	0	5.084	/	Pass
		2687.5	25	0	5.056	/	Pass
	16QAM	2498.5	25	0	5.070	/	Pass
		2593	25	0	5.226	/	Pass
		2687.5	25	0	5.661	/	Pass
	64QAM	2498.5	25	0	5.064	/	Pass
		2593	25	0	5.242	/	Pass
		2687.5	25	0	5.037	/	Pass
10	QPSK	2501	50	0	9.979	/	Pass
		2593	50	0	10.196	/	Pass
		2685	50	0	10.011	/	Pass
	16QAM	2501	50	0	9.963	/	Pass
		2593	50	0	10.039	/	Pass
		2685	50	0	9.964	/	Pass
	64QAM	2501	50	0	10.021	/	Pass
		2593	50	0	10.193	/	Pass
		2685	50	0	10.066	/	Pass
15	QPSK	2503.5	75	0	15.824	/	Pass
		2593	75	0	14.964	/	Pass
		2682.5	75	0	15.250	/	Pass
	16QAM	2503.5	75	0	14.991	/	Pass
		2593	75	0	15.725	/	Pass
		2682.5	75	0	16.143	/	Pass
	64QAM	2503.5	75	0	15.307	/	Pass
		2593	75	0	15.322	/	Pass
		2682.5	75	0	15.026	/	Pass
20	QPSK	2506	100	0	19.842	/	Pass
		2593	100	0	21.662	/	Pass
		2680	100	0	19.813	/	Pass
	16QAM	2506	100	0	19.893	/	Pass
		2593	100	0	19.713	/	Pass
		2680	100	0	19.954	/	Pass
	64QAM	2506	100	0	19.731	/	Pass
		2593	100	0	20.817	/	Pass
		2680	100	0	20.428	/	Pass

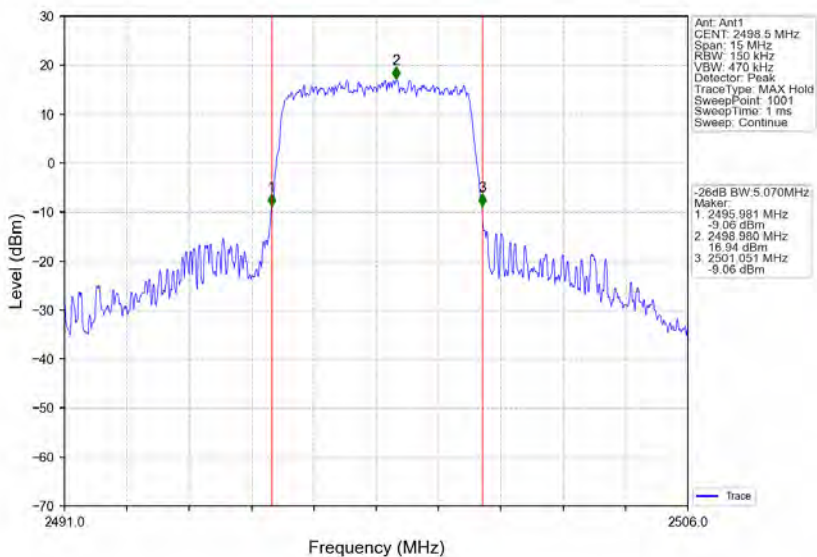
4.1.2 Test Graph



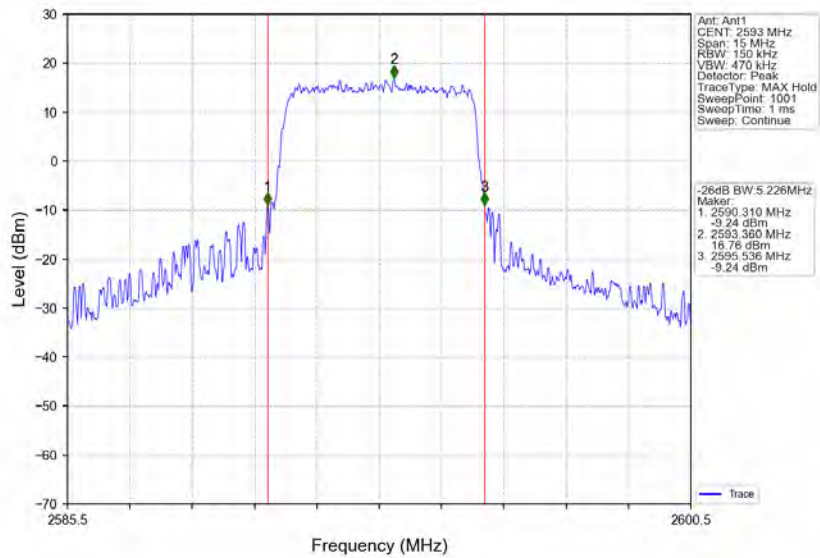
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



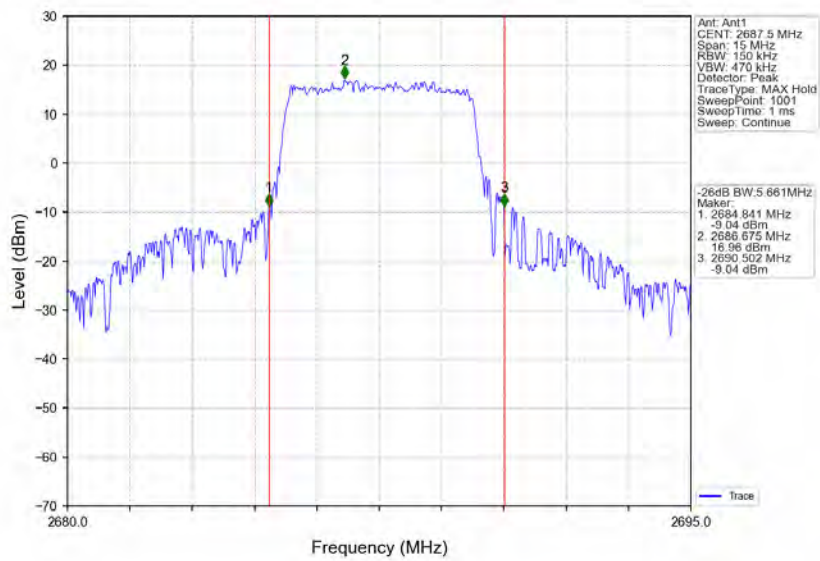
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



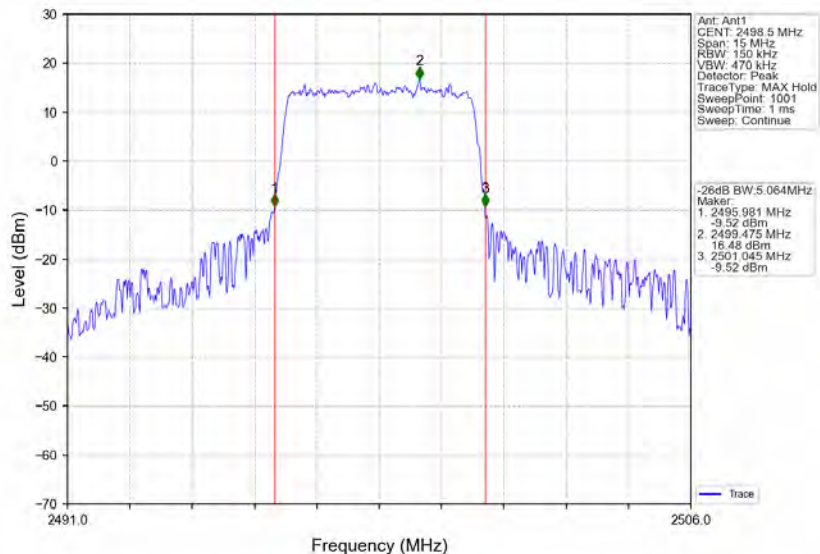
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



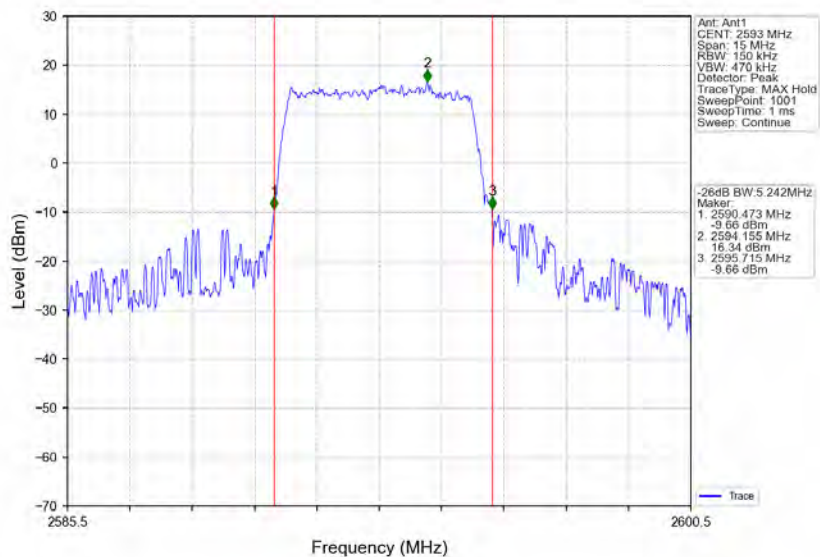
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



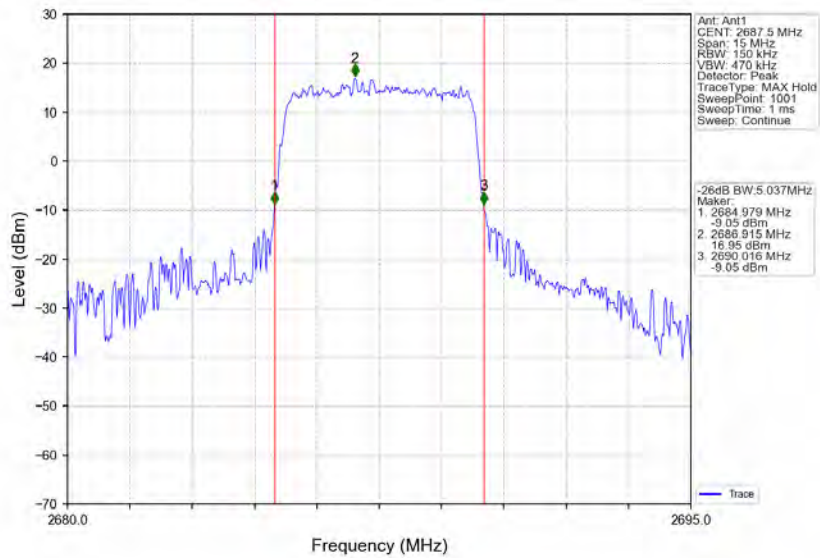
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



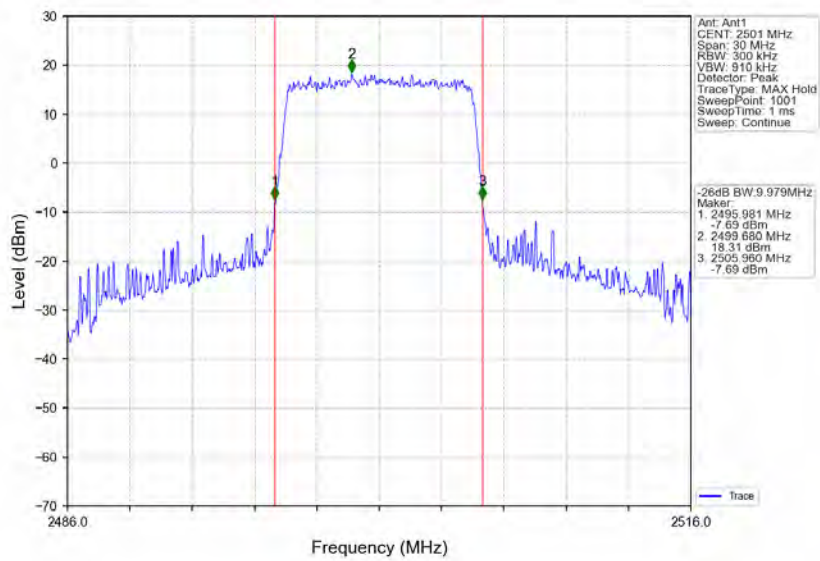
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



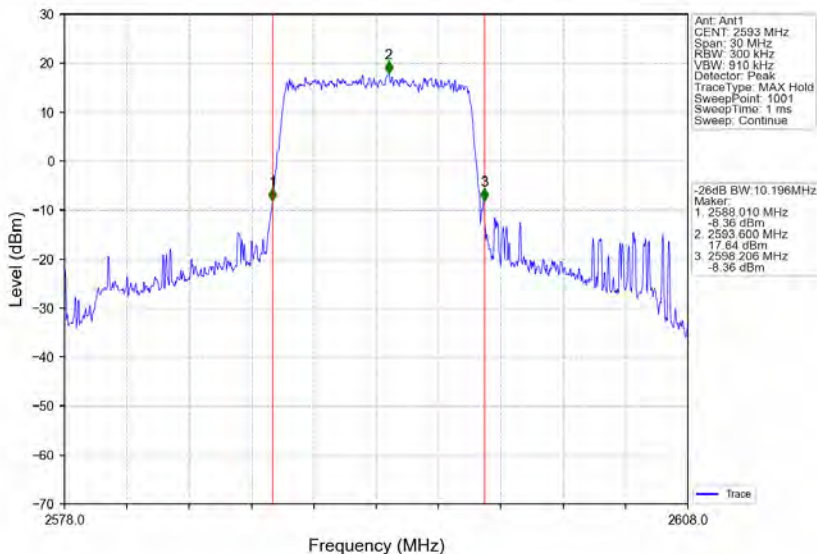
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



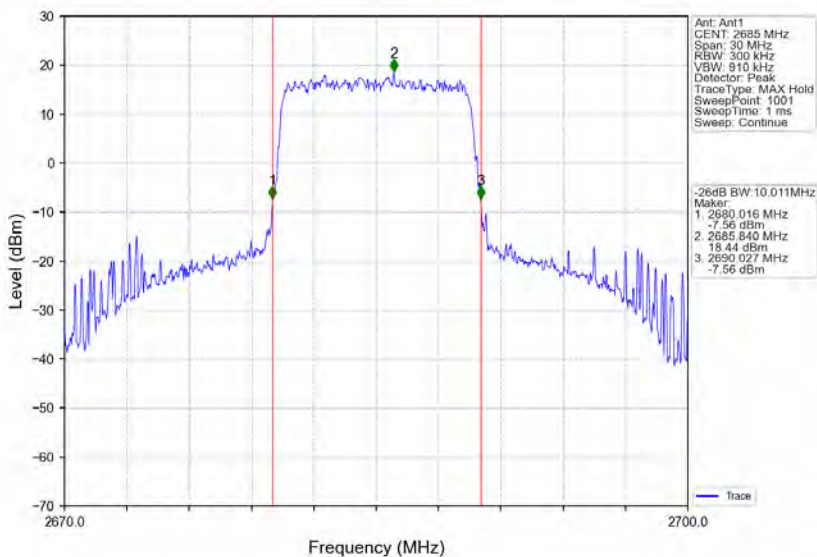
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



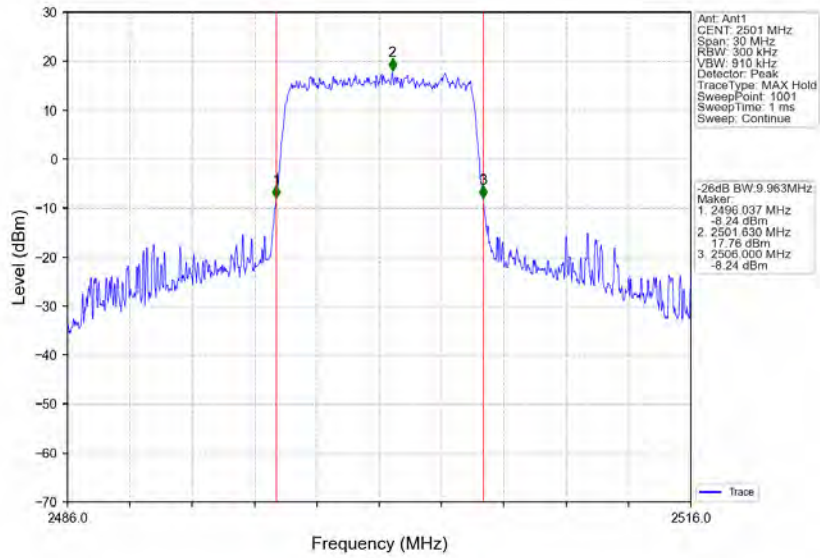
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



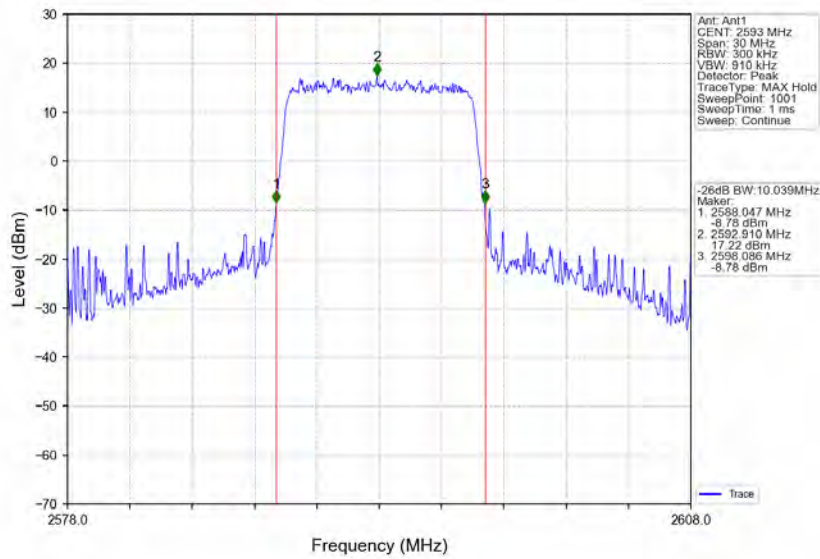
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



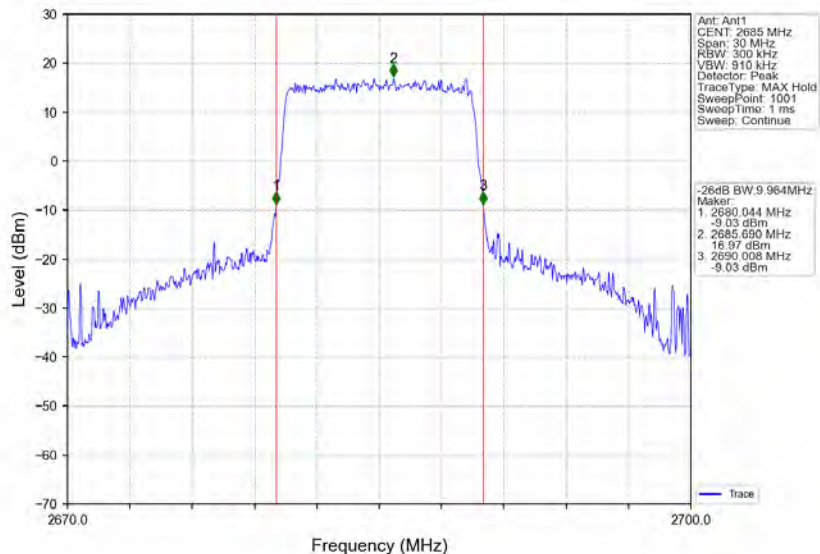
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



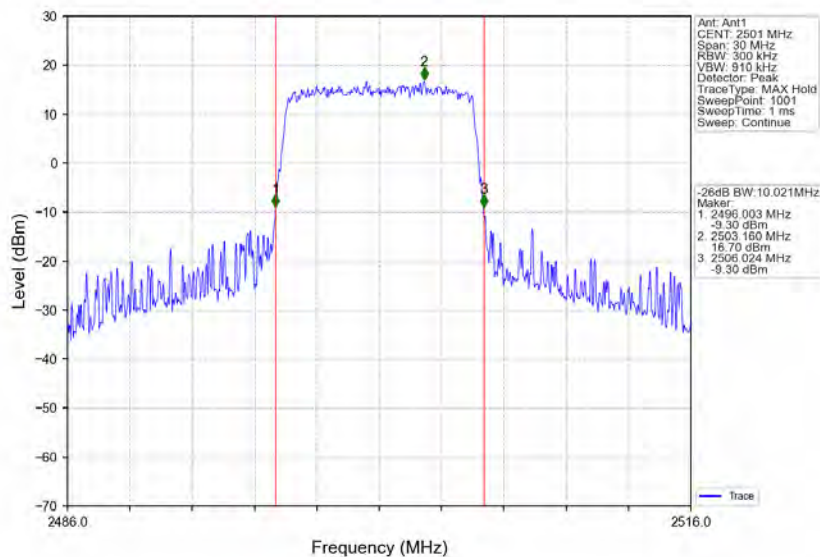
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



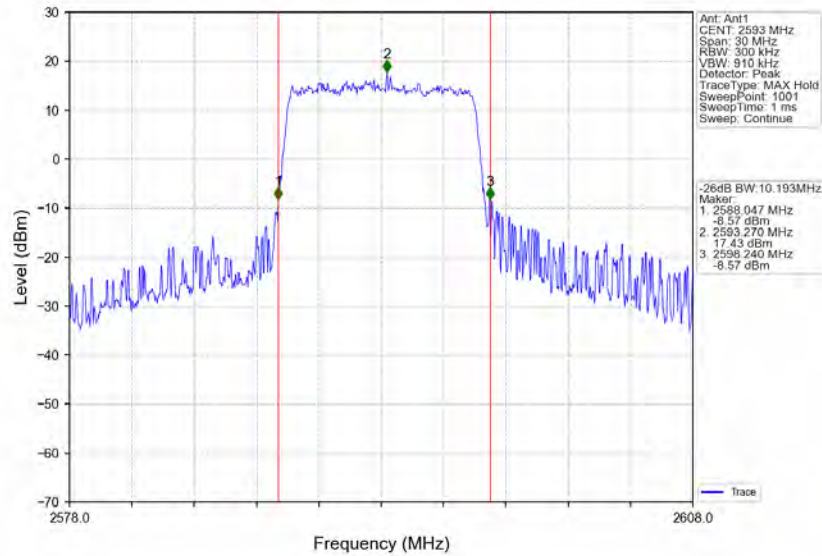
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



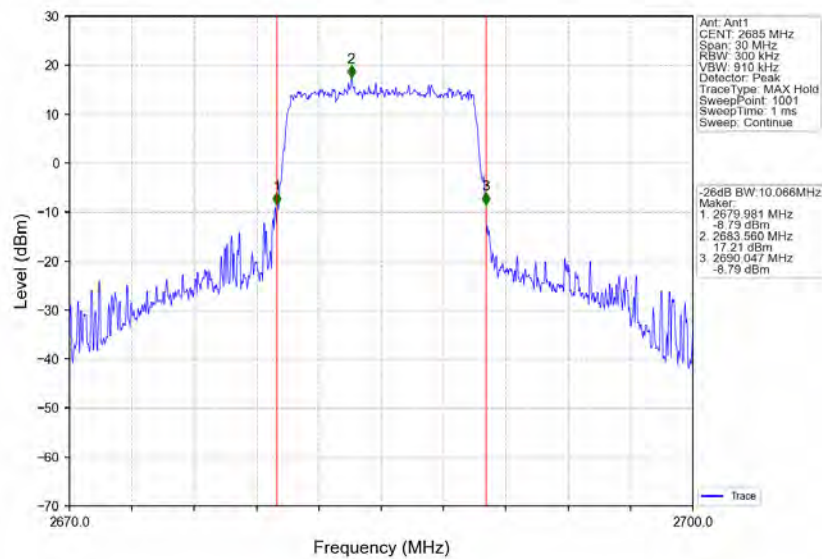
Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV



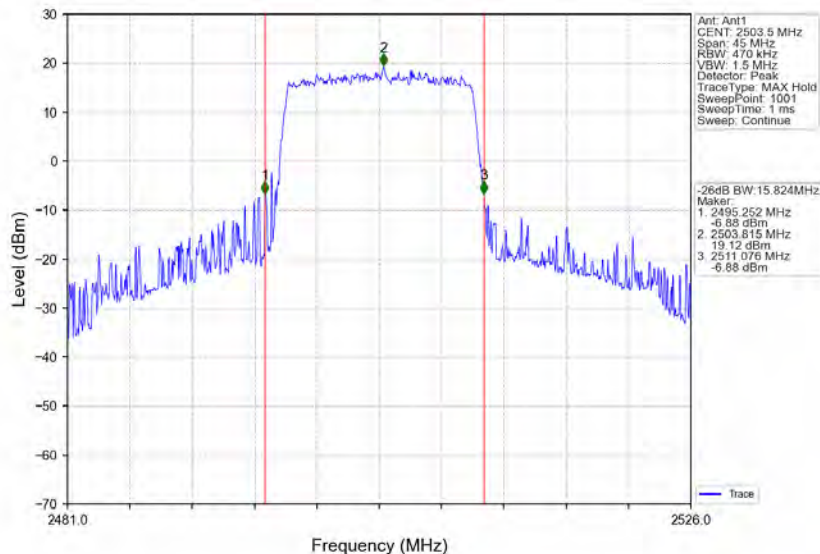
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



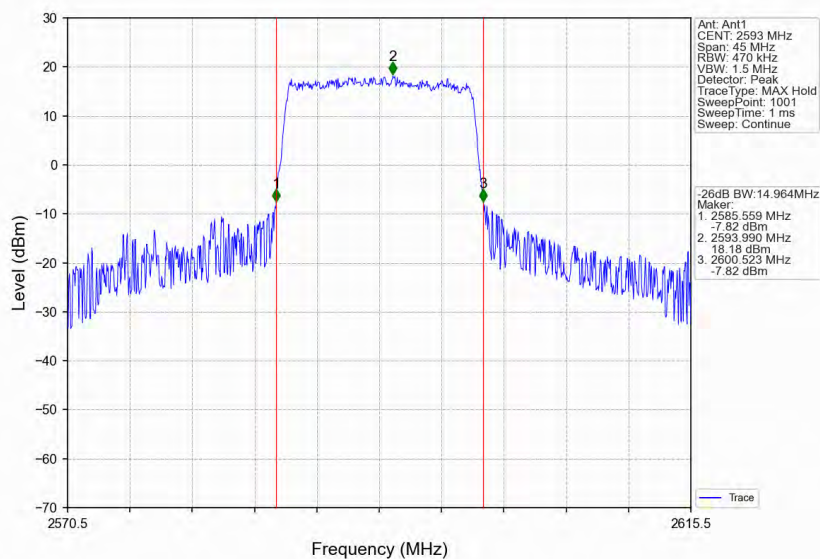
Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



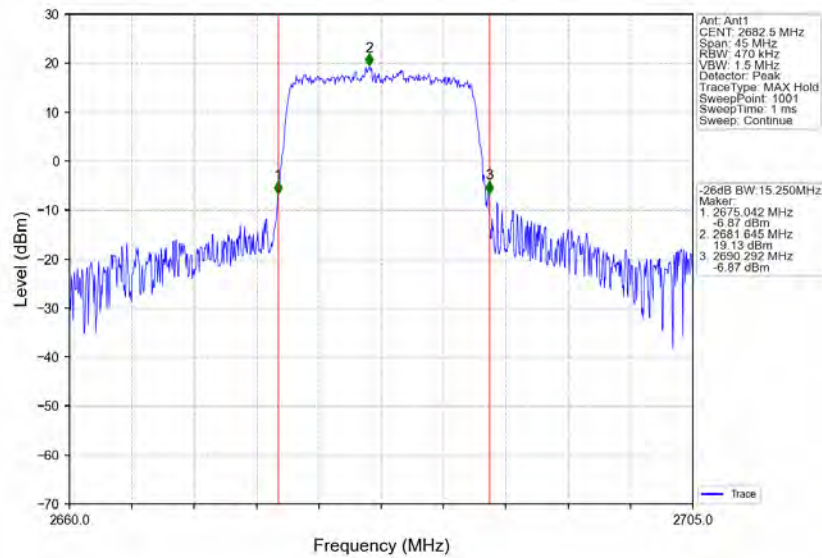
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



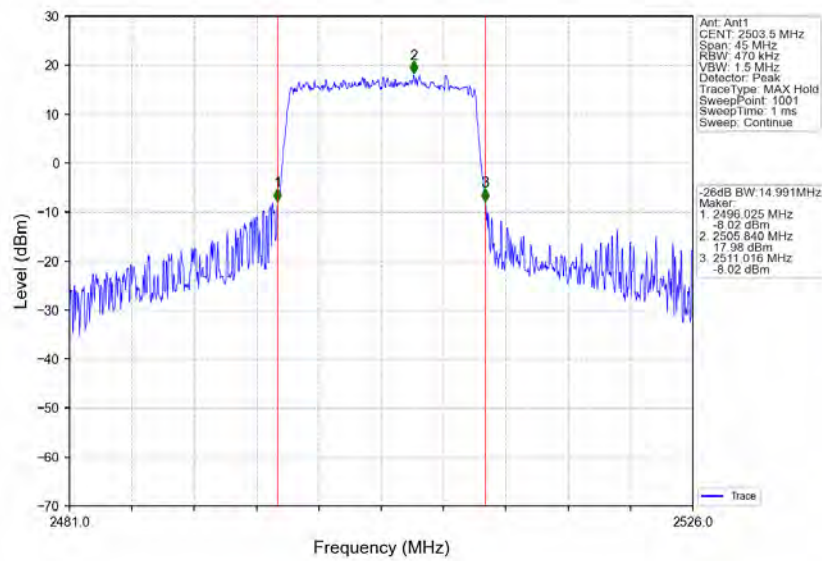
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



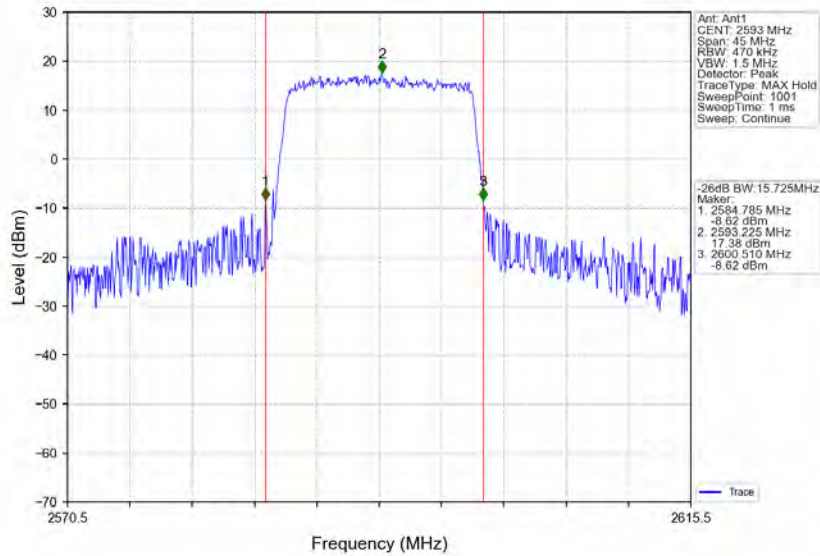
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



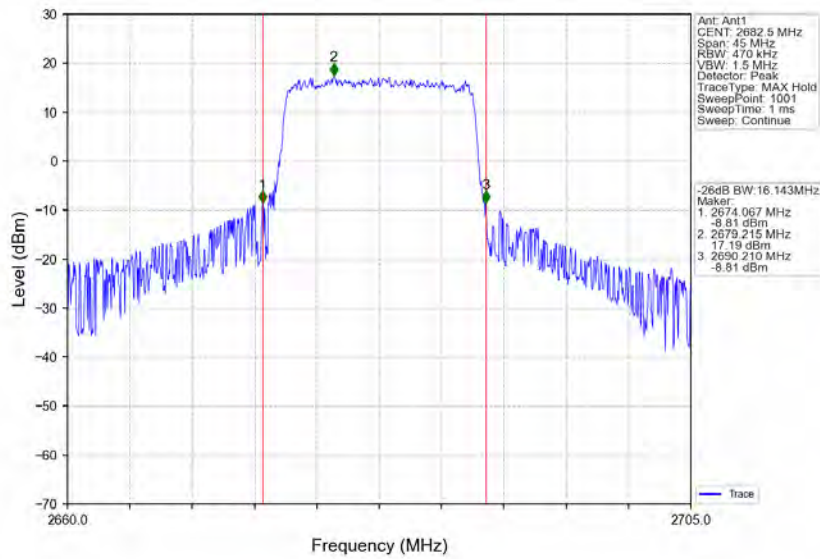
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



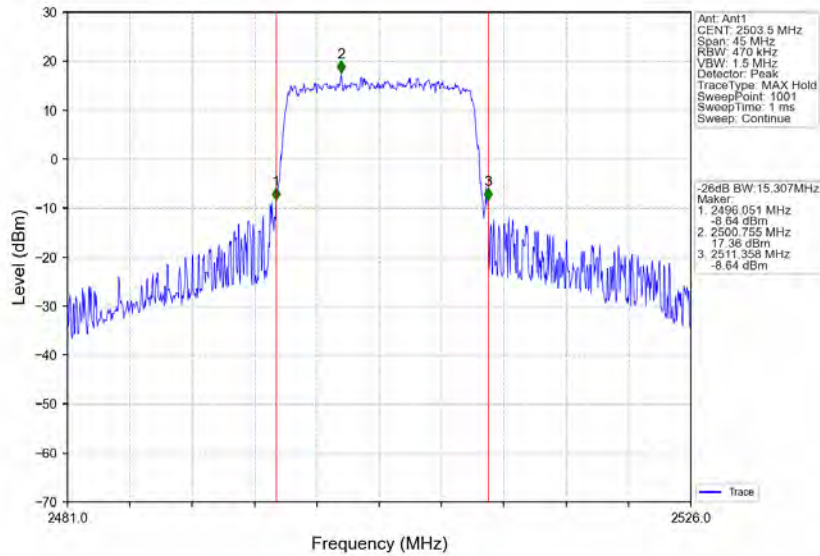
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



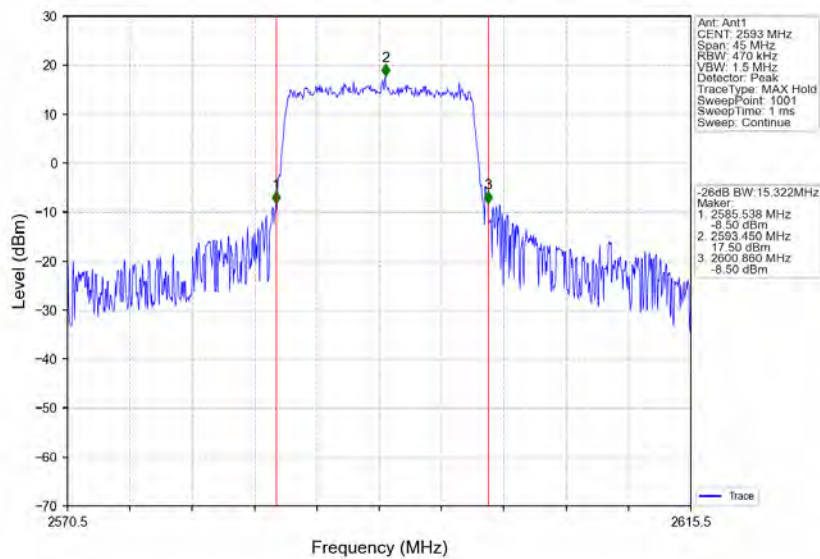
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



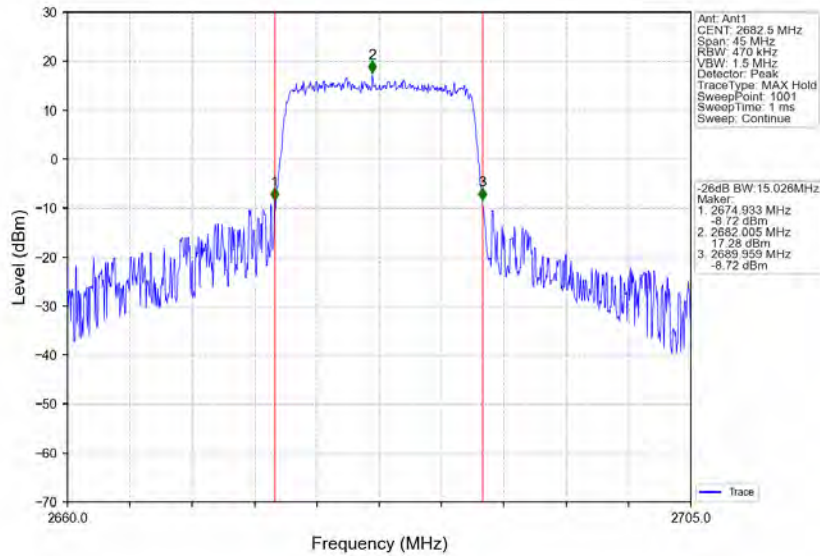
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



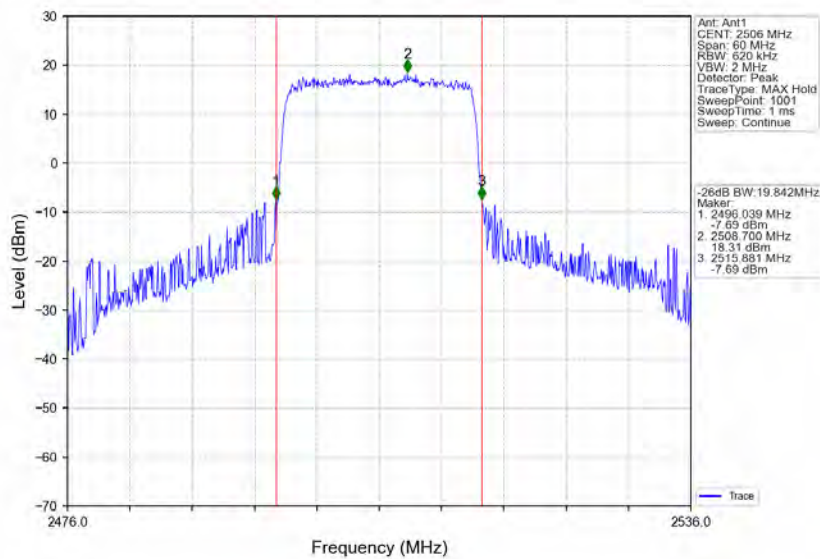
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



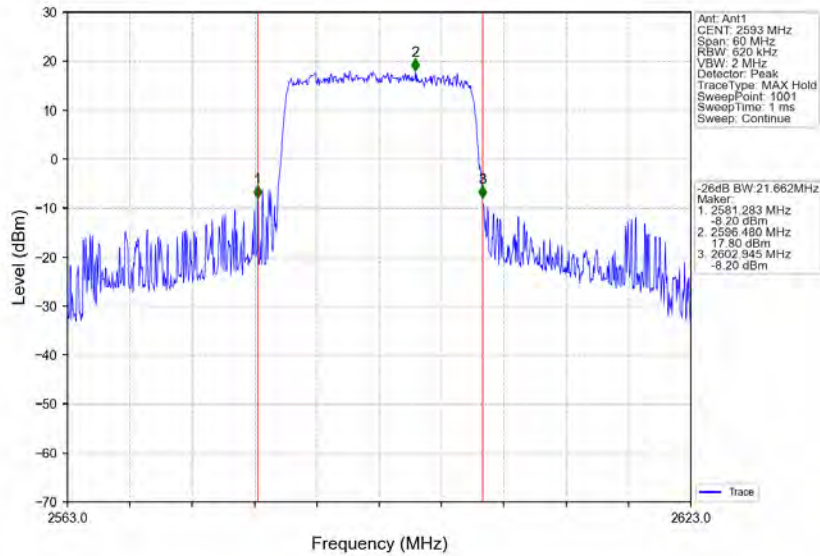
Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



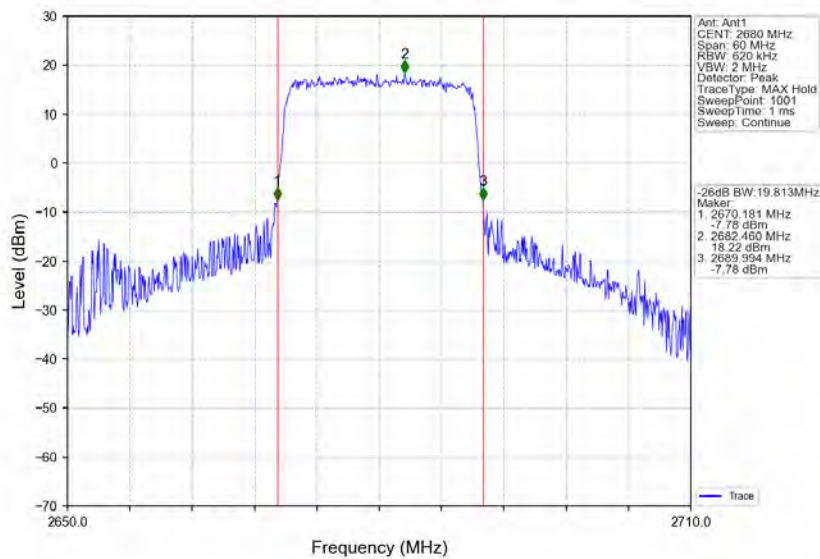
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



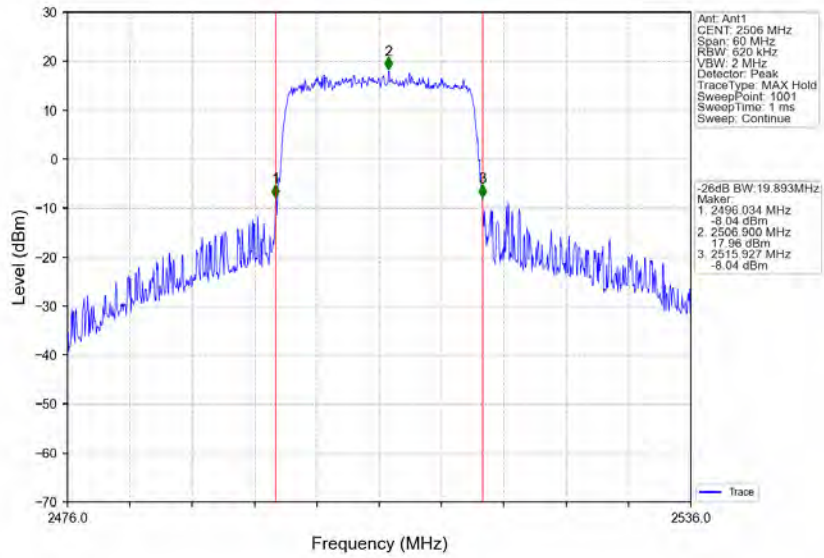
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



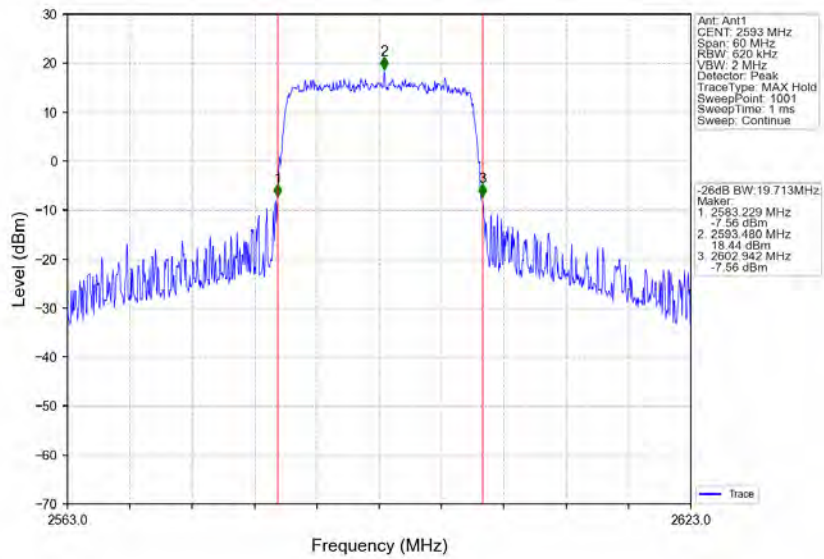
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



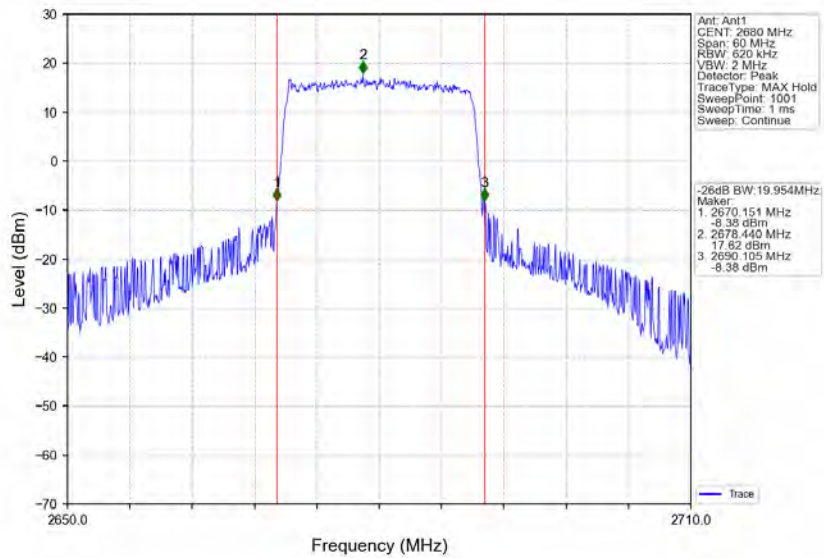
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



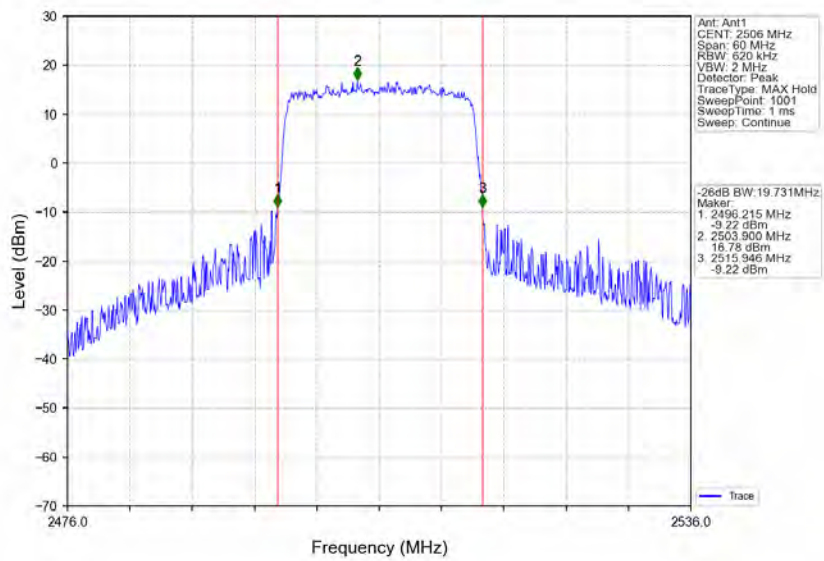
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



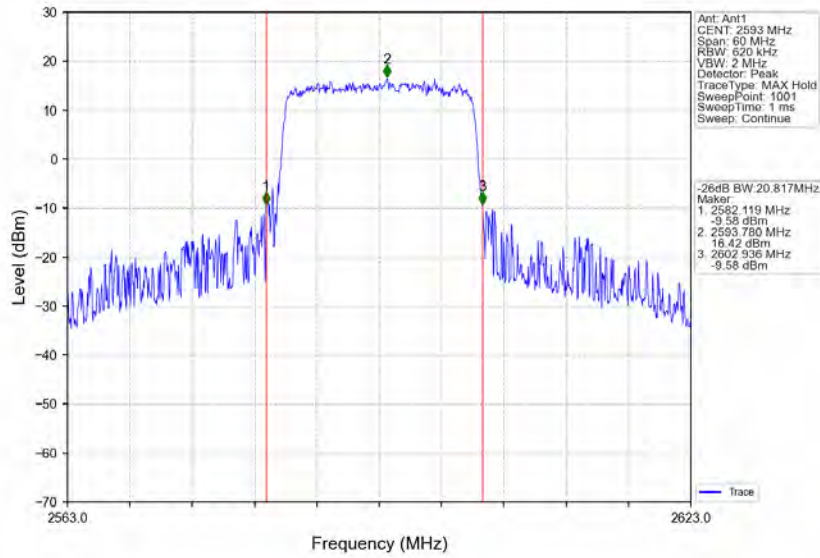
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



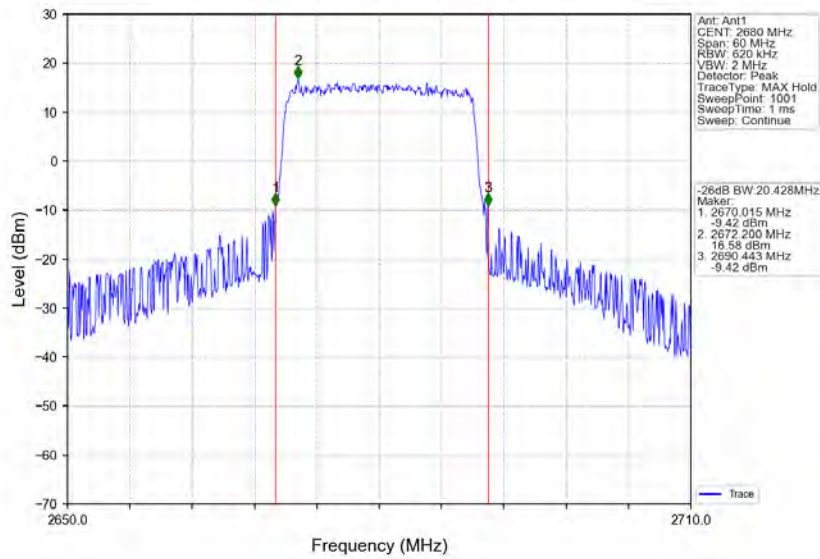
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



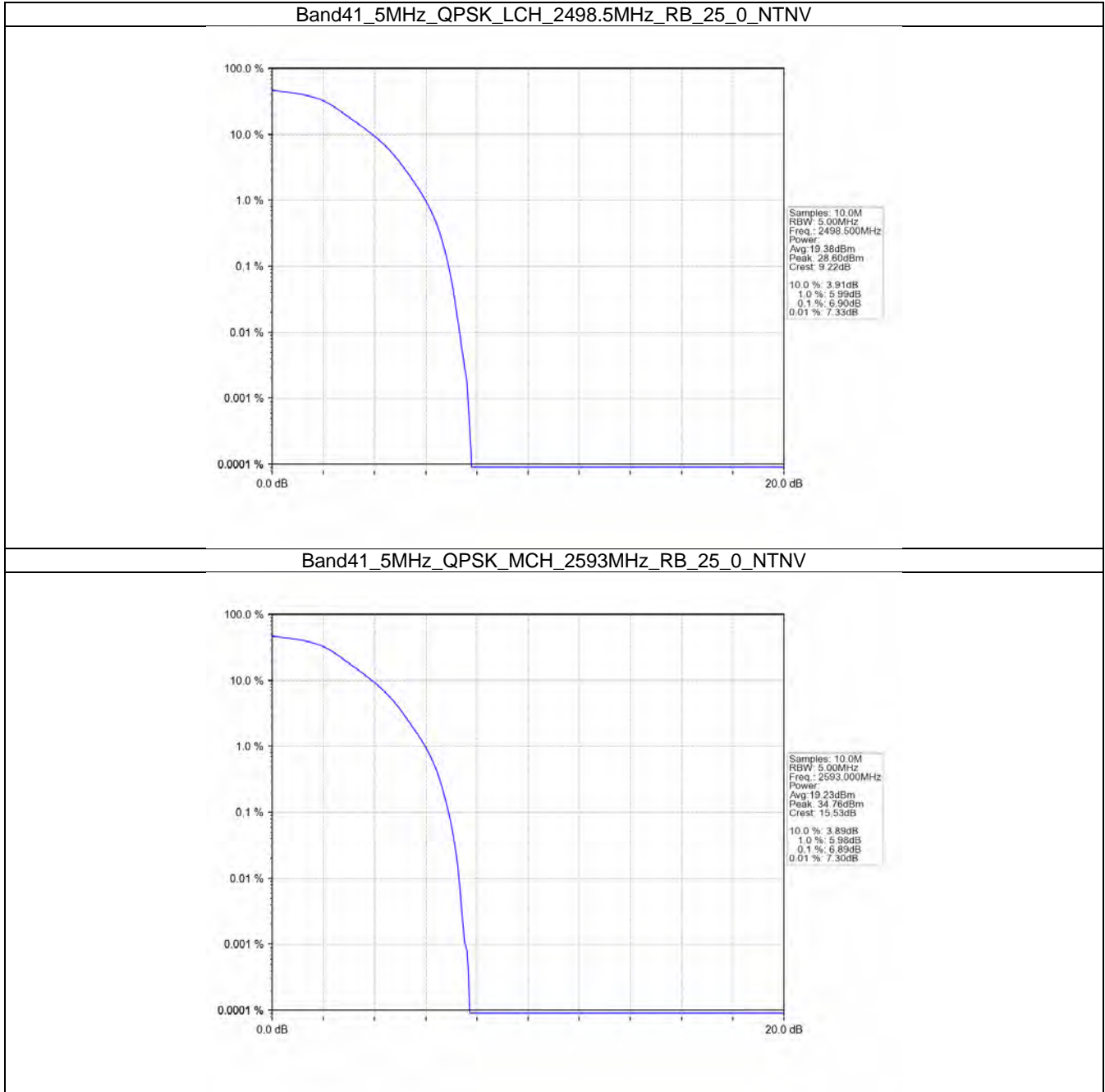
5. Peak-Average Ratio

5.1 B41_5MHz

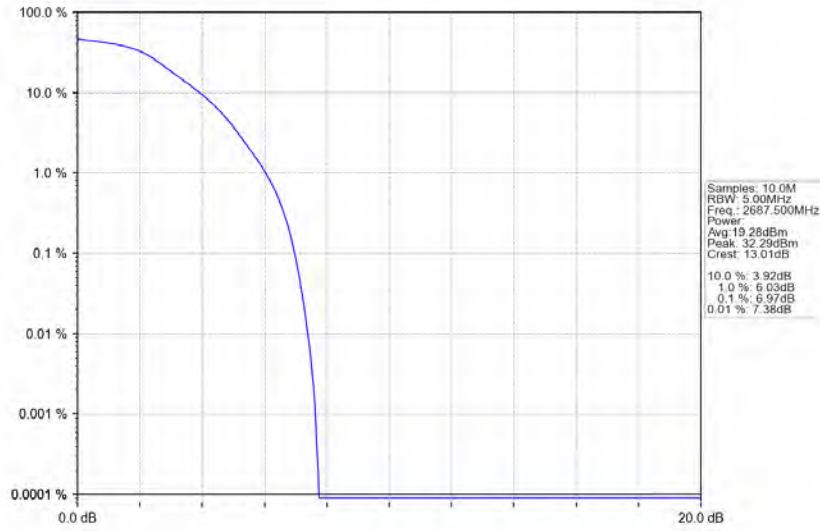
5.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	6.90	<=13	Pass
	2593	25	0	6.89	<=13	Pass
	2687.5	25	0	6.97	<=13	Pass
16QAM	2498.5	25	0	7.88	<=13	Pass
	2593	25	0	7.65	<=13	Pass
	2687.5	25	0	7.75	<=13	Pass
64QAM	2498.5	25	0	8.26	<=13	Pass
	2593	25	0	8.24	<=13	Pass
	2687.5	25	0	8.20	<=13	Pass

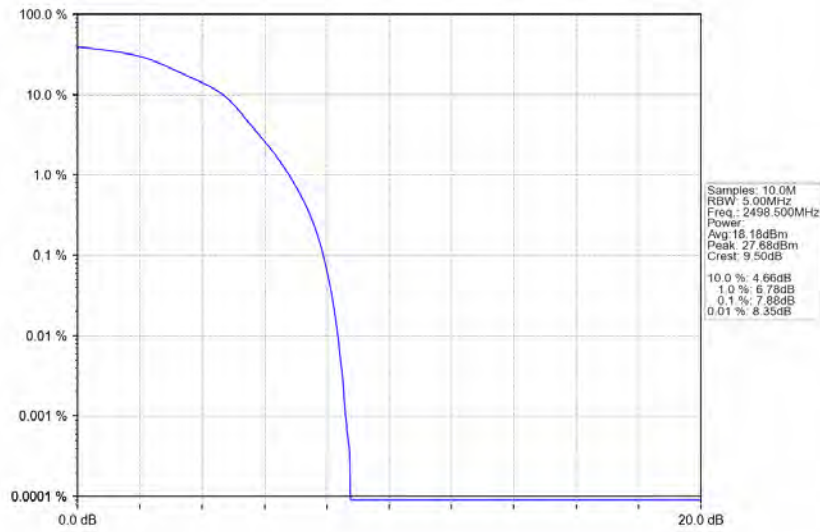
5.1.2 Test Graph



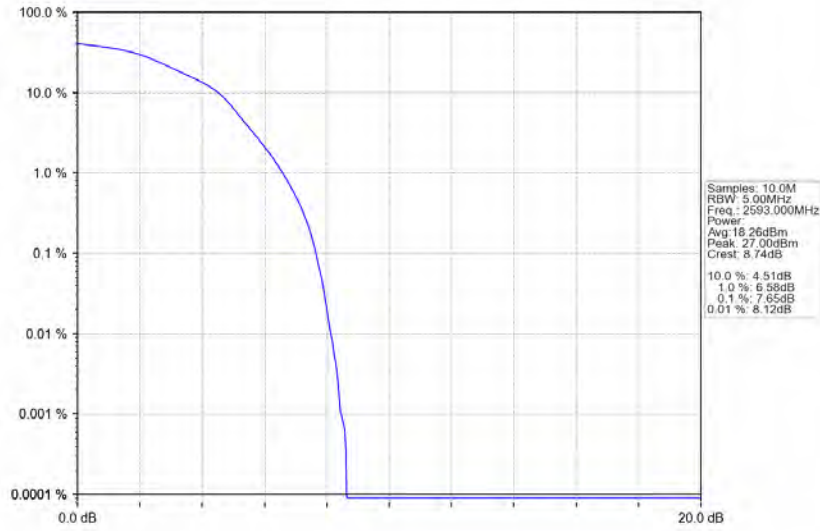
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



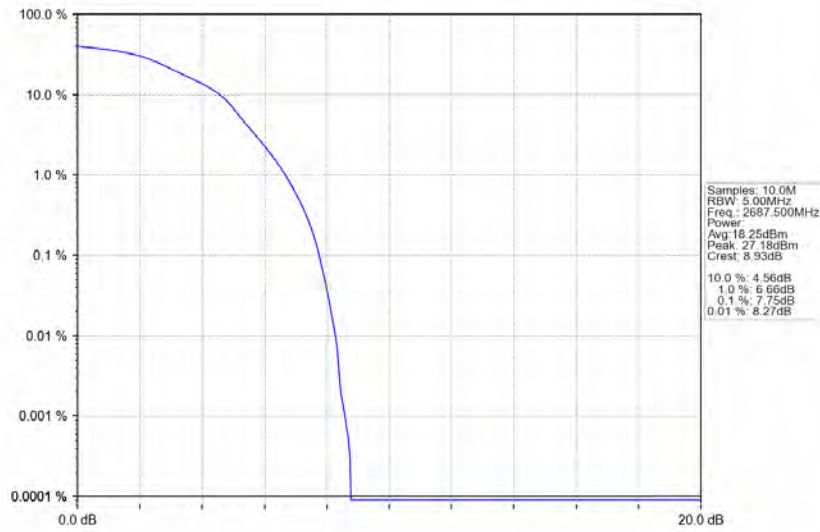
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



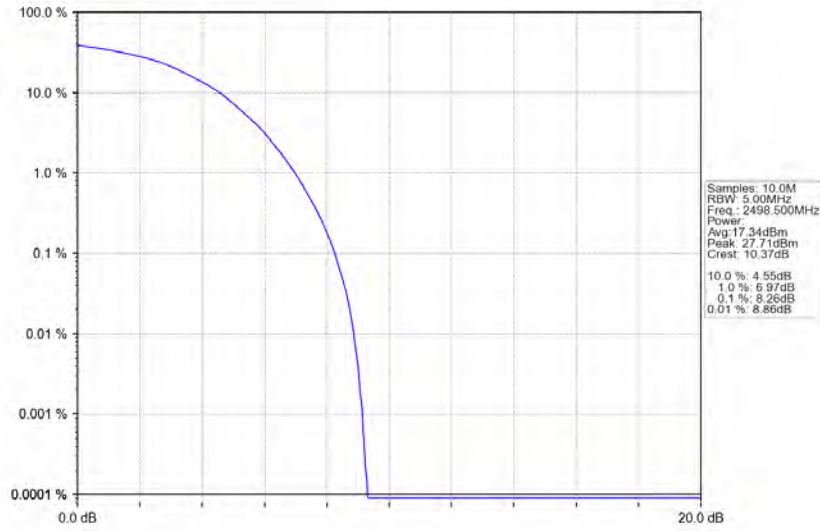
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



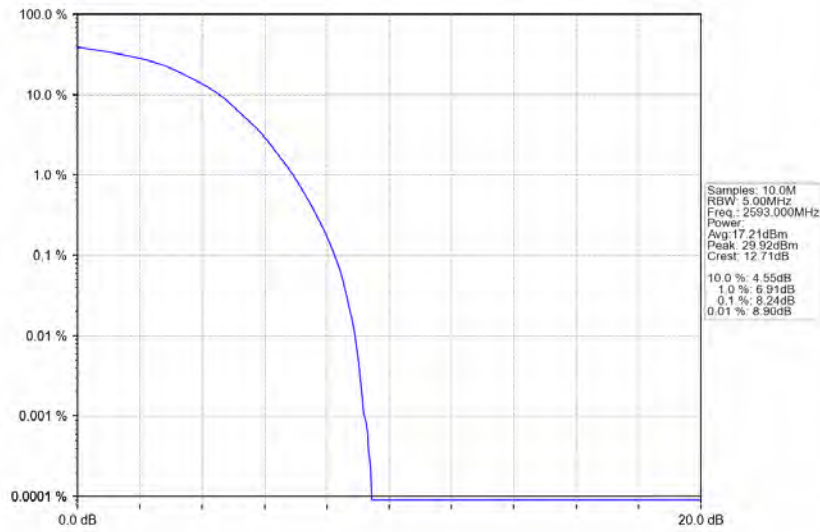
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV

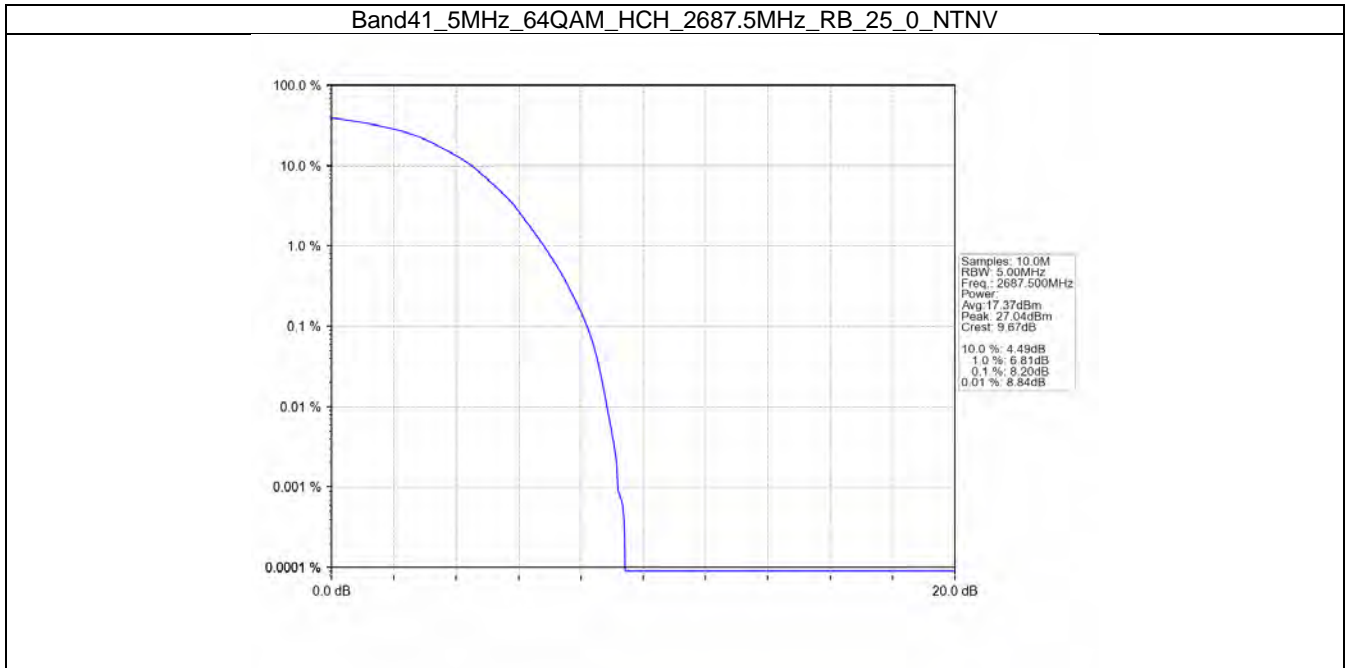


Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



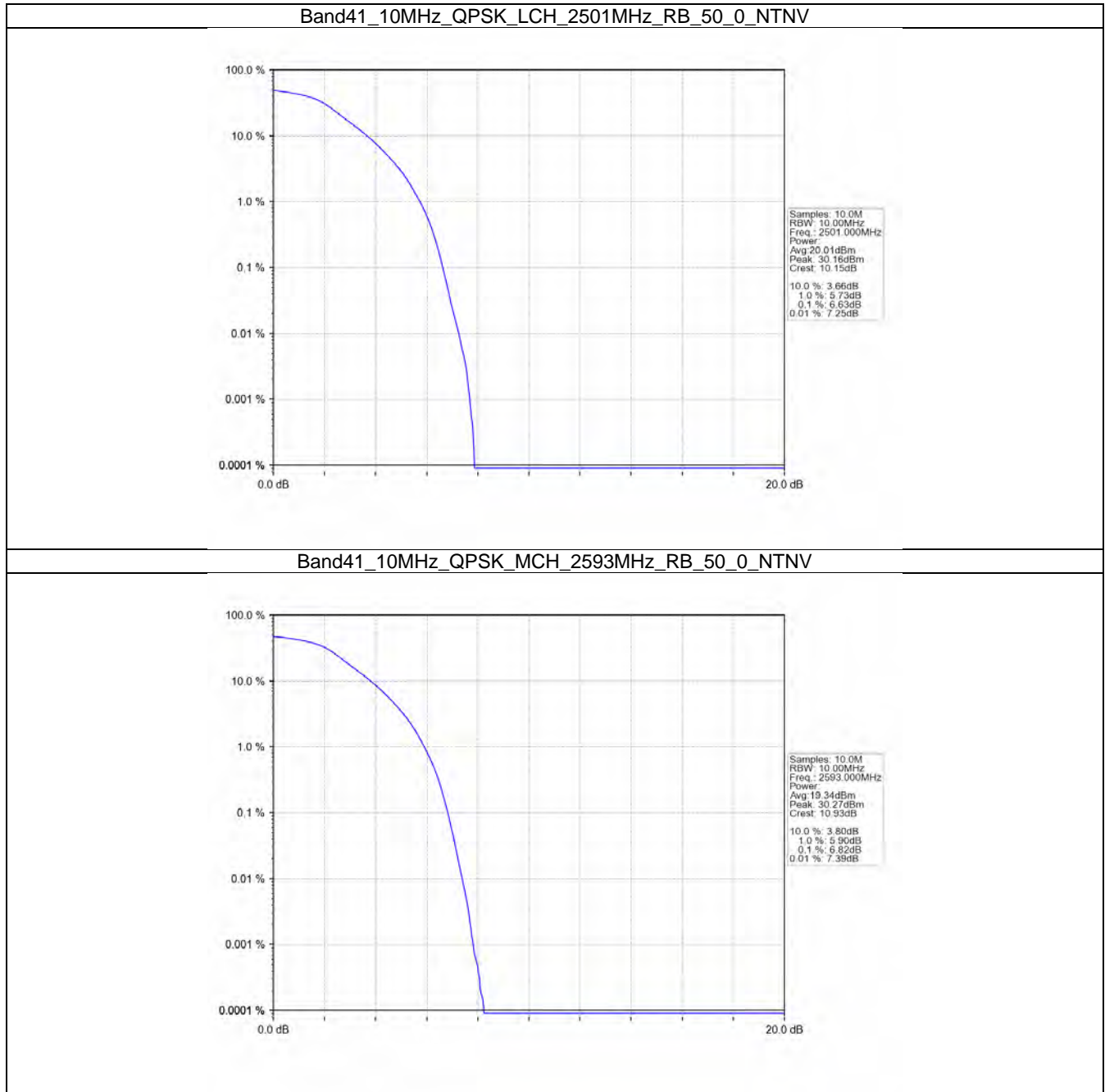


5.2 B41_10MHz

5.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	6.63	<=13	Pass
	2593	50	0	6.82	<=13	Pass
	2685	50	0	6.78	<=13	Pass
16QAM	2501	50	0	7.70	<=13	Pass
	2593	50	0	7.71	<=13	Pass
	2685	50	0	7.61	<=13	Pass
64QAM	2501	50	0	8.13	<=13	Pass
	2593	50	0	8.25	<=13	Pass
	2685	50	0	8.14	<=13	Pass

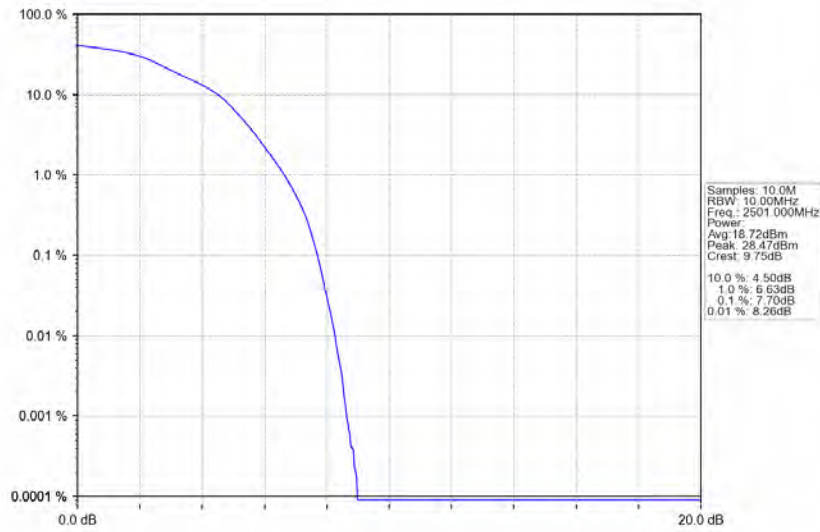
5.2.2 Test Graph



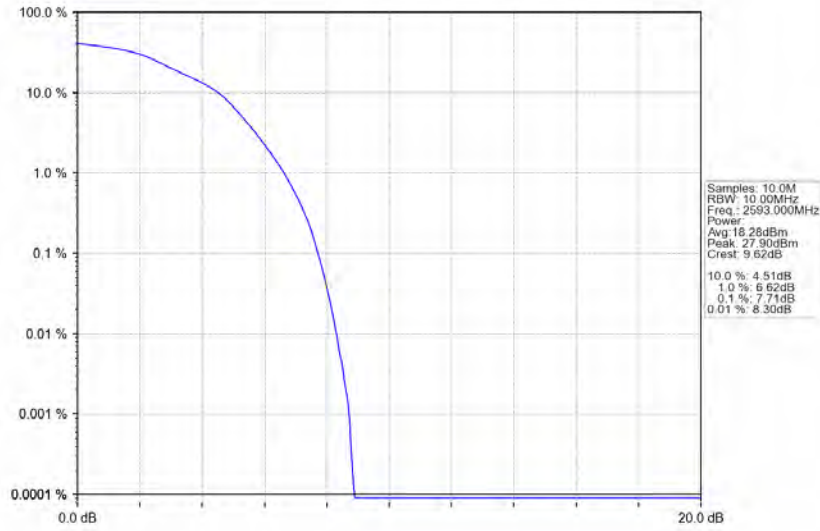
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



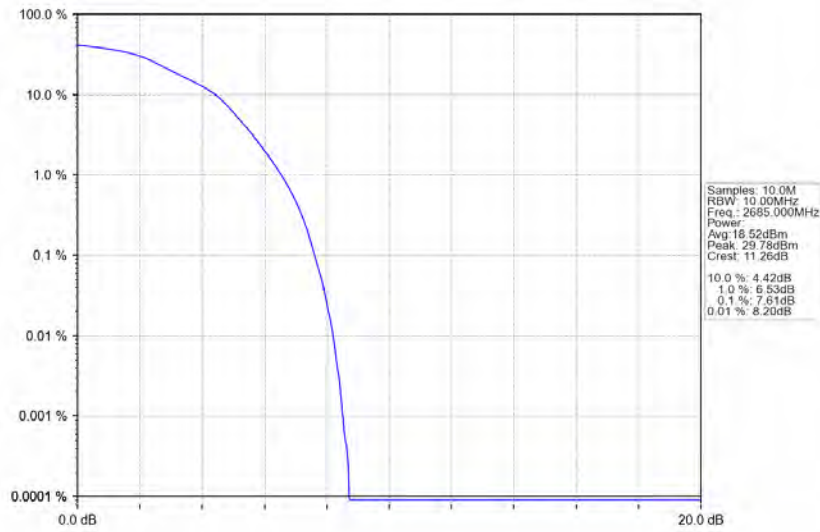
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



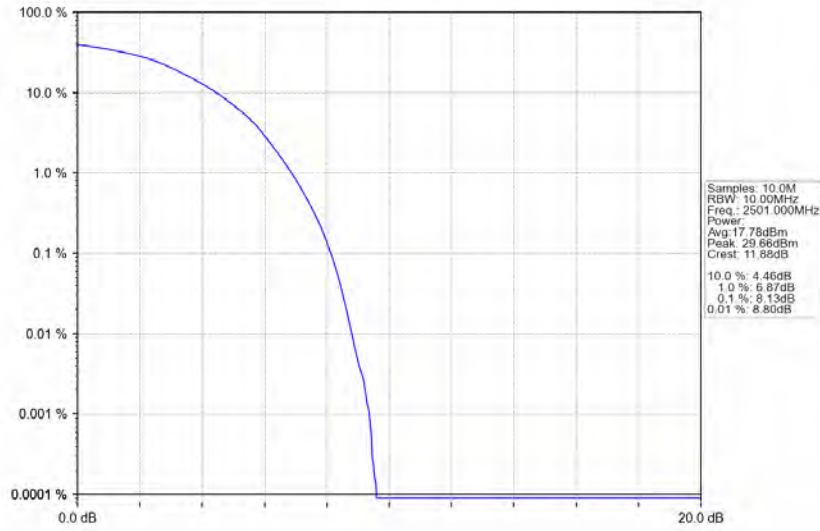
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



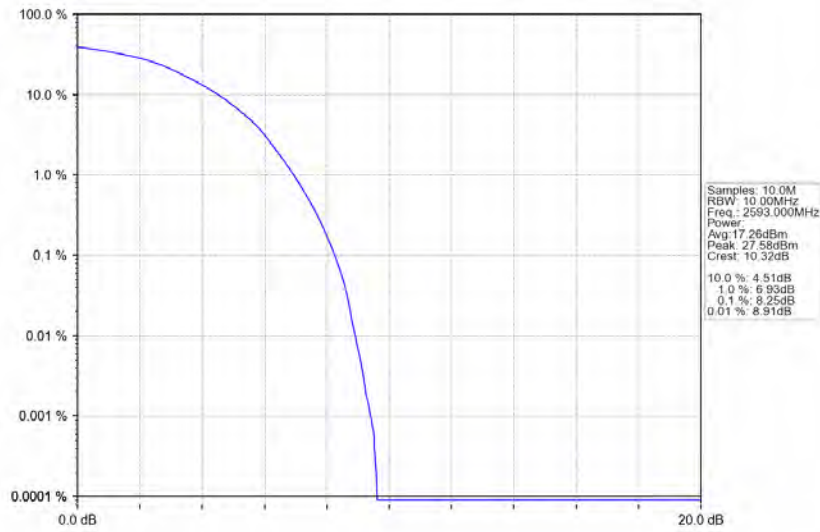
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV

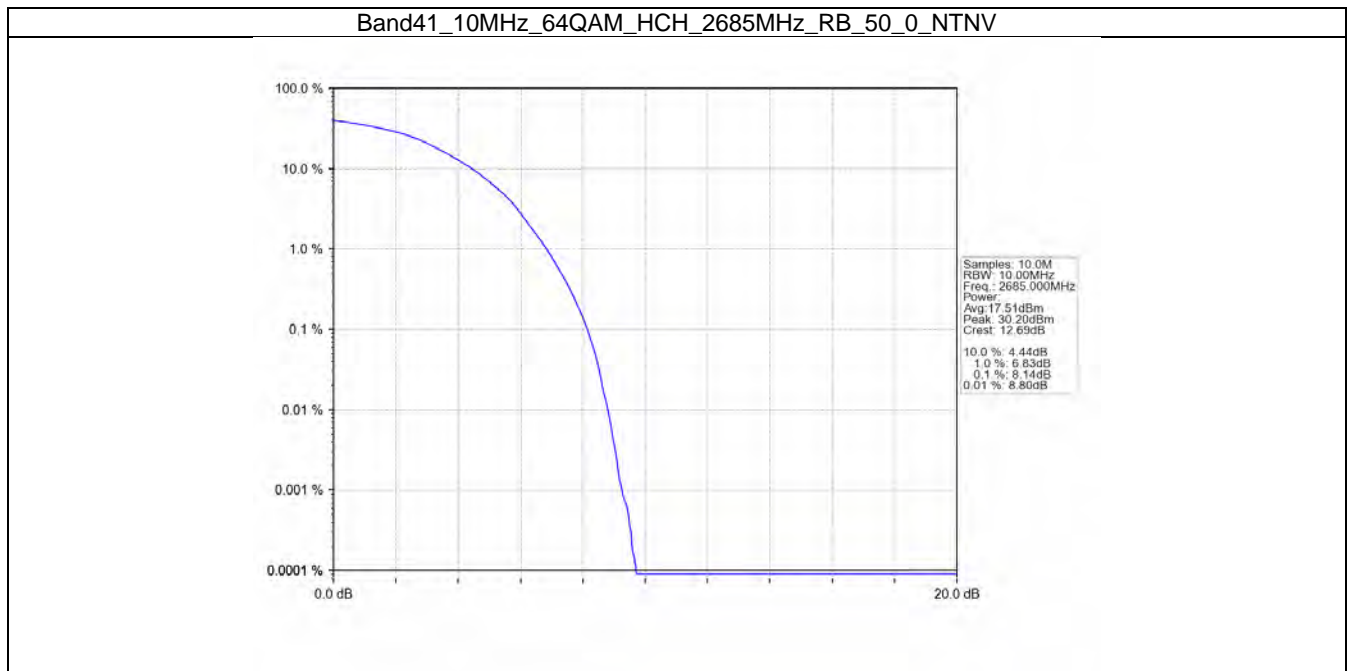


Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV



Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



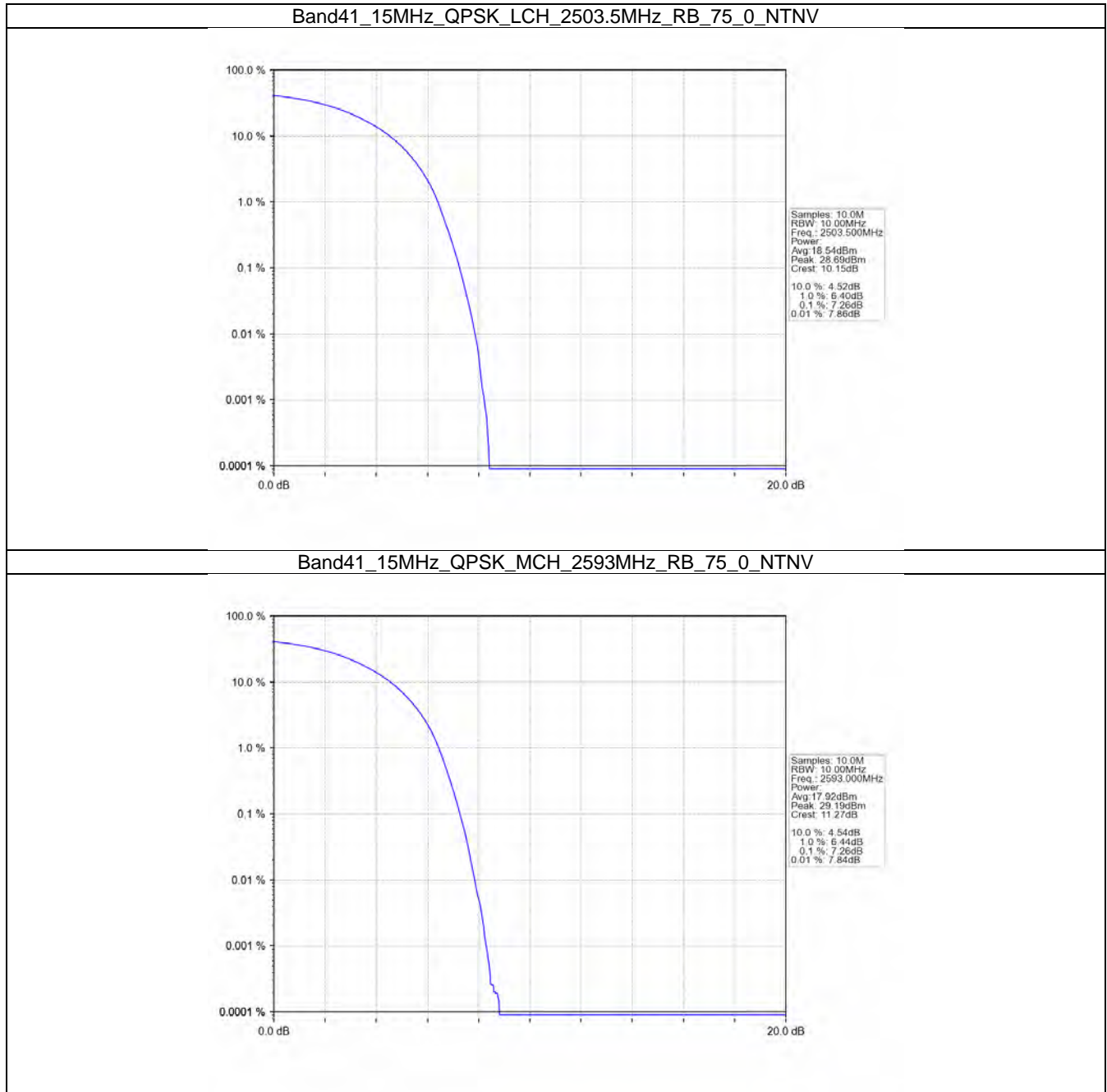


5.3 B41_15MHz

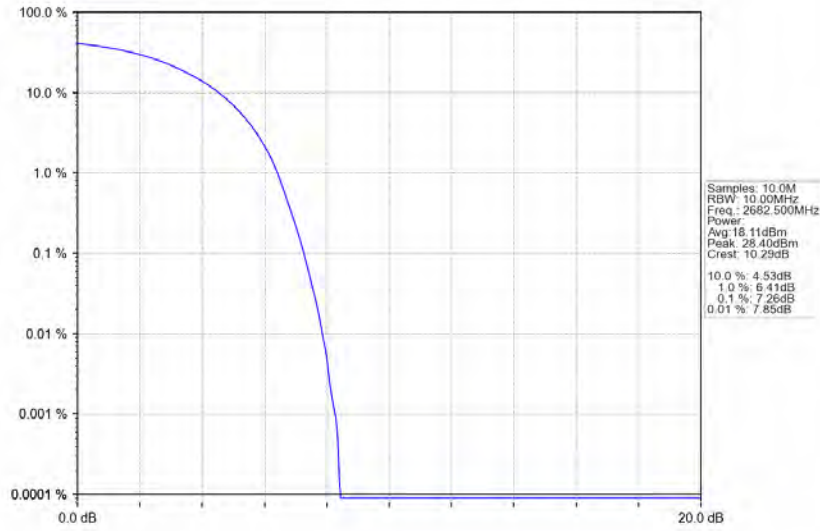
5.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.26	<=13	Pass
	2593	75	0	7.26	<=13	Pass
	2682.5	75	0	7.26	<=13	Pass
16QAM	2503.5	75	0	8.22	<=13	Pass
	2593	75	0	8.22	<=13	Pass
	2682.5	75	0	8.14	<=13	Pass
64QAM	2503.5	75	0	8.46	<=13	Pass
	2593	75	0	8.38	<=13	Pass
	2682.5	75	0	8.41	<=13	Pass

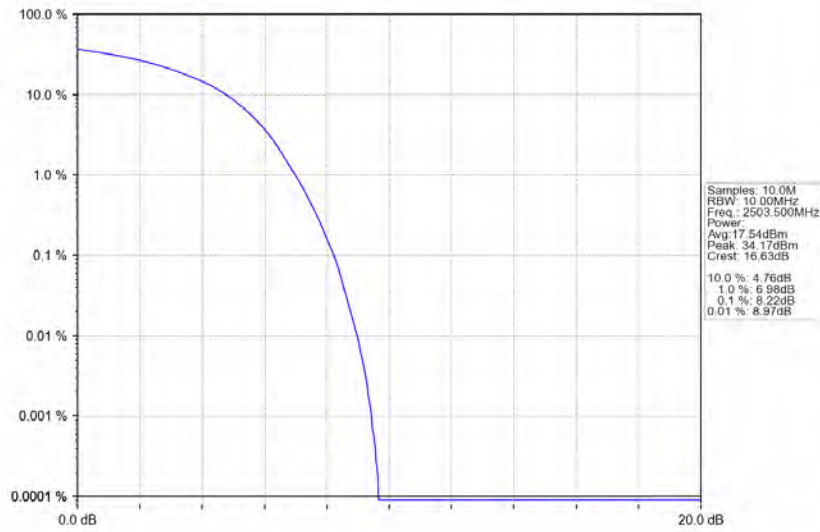
5.3.2 Test Graph



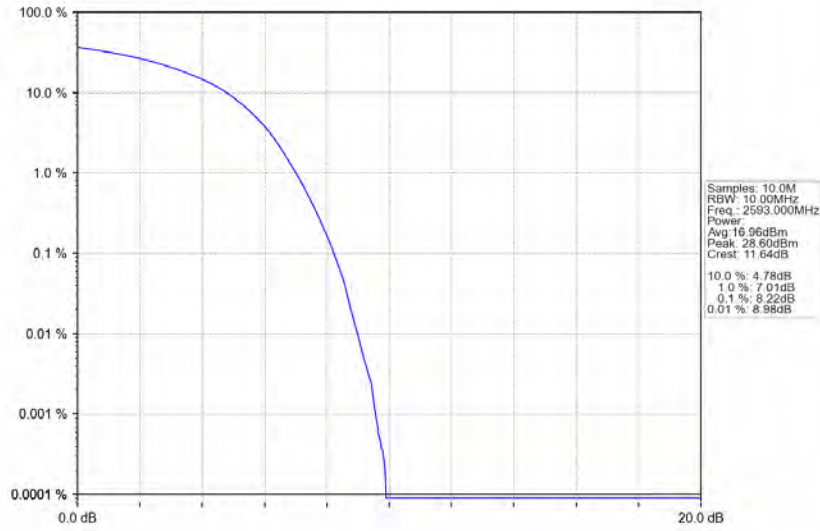
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



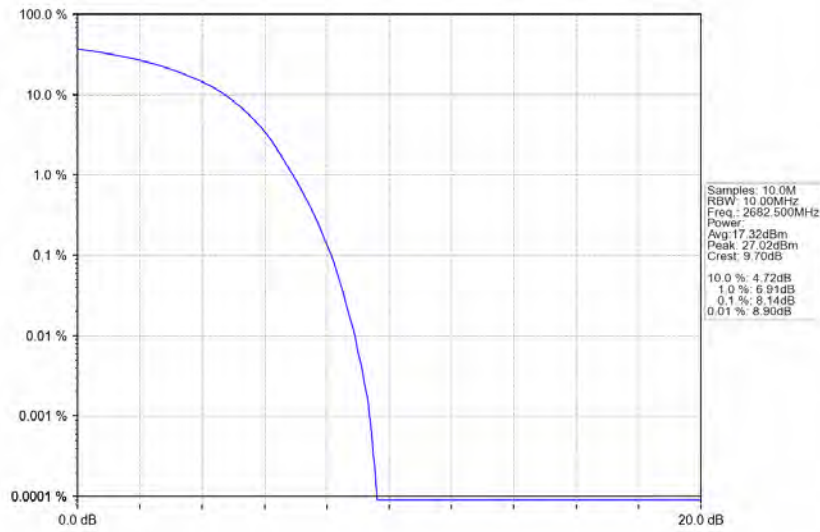
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



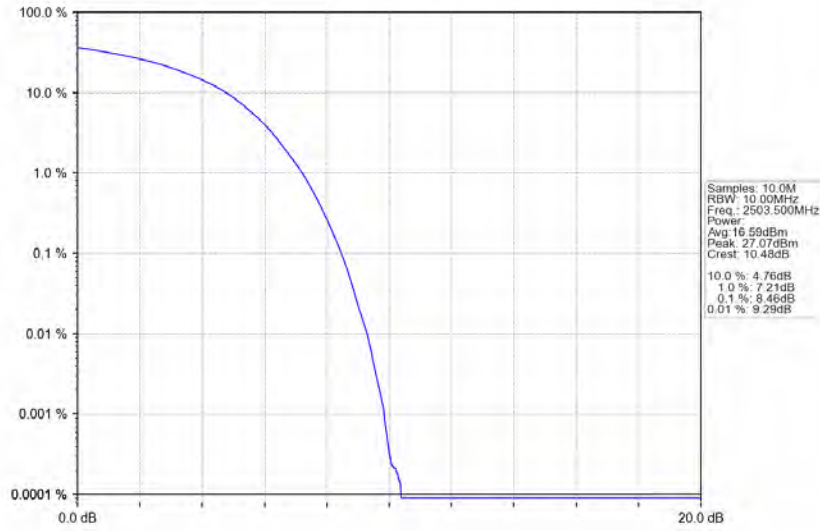
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



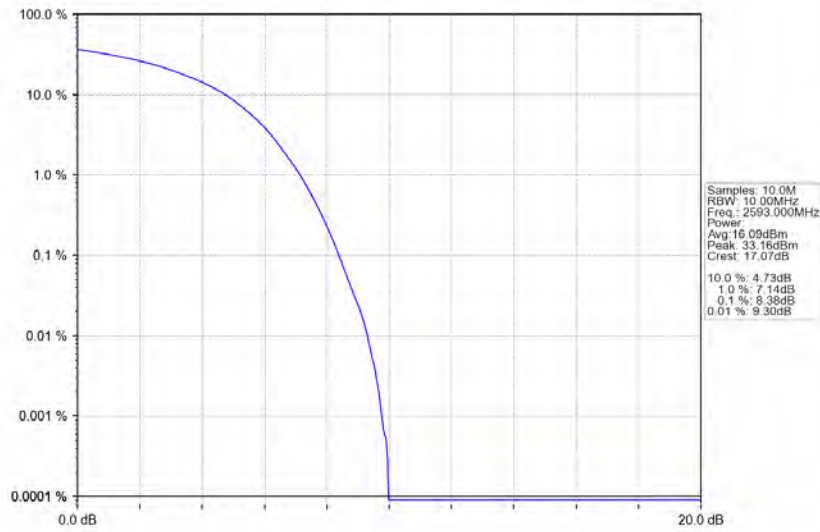
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV

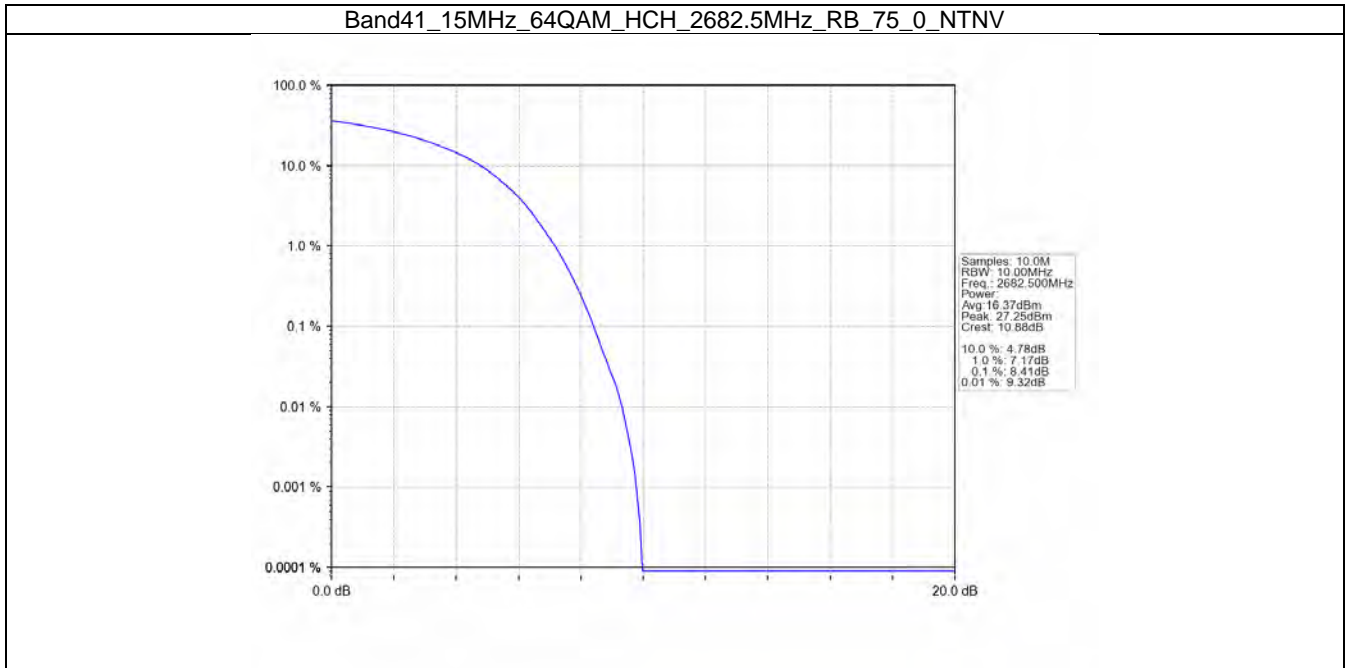


Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



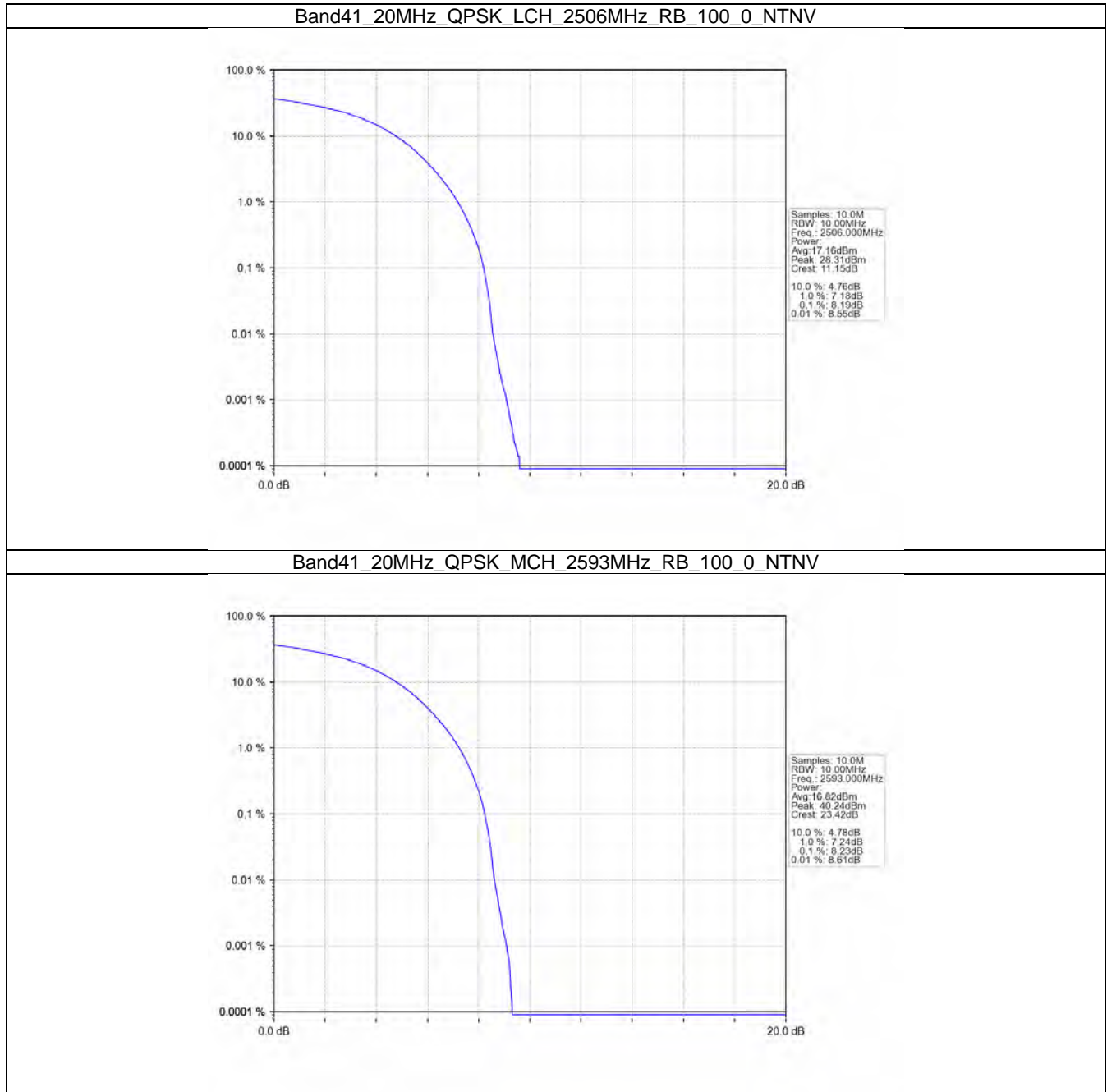


5.4 B41_20MHz

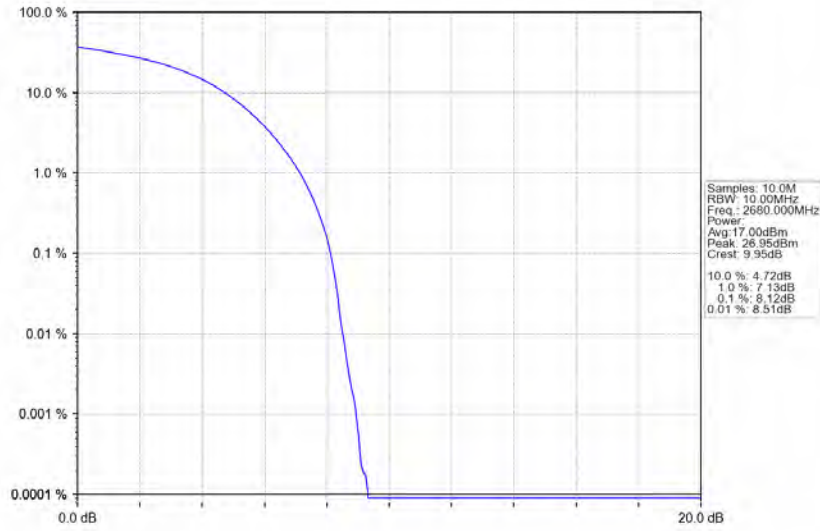
5.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	8.19	<=13	Pass
	2593	100	0	8.23	<=13	Pass
	2680	100	0	8.12	<=13	Pass
16QAM	2506	100	0	8.64	<=13	Pass
	2593	100	0	8.73	<=13	Pass
	2680	100	0	8.70	<=13	Pass
64QAM	2506	100	0	8.97	<=13	Pass
	2593	100	0	8.99	<=13	Pass
	2680	100	0	8.95	<=13	Pass

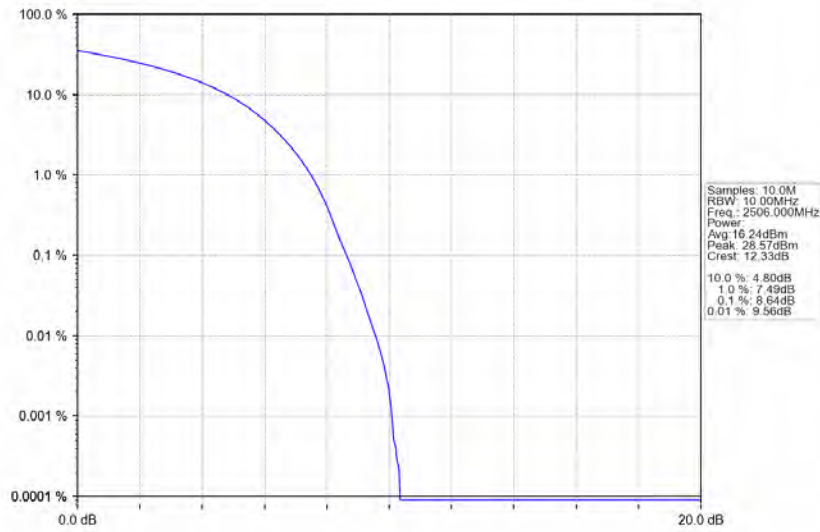
5.4.2 Test Graph



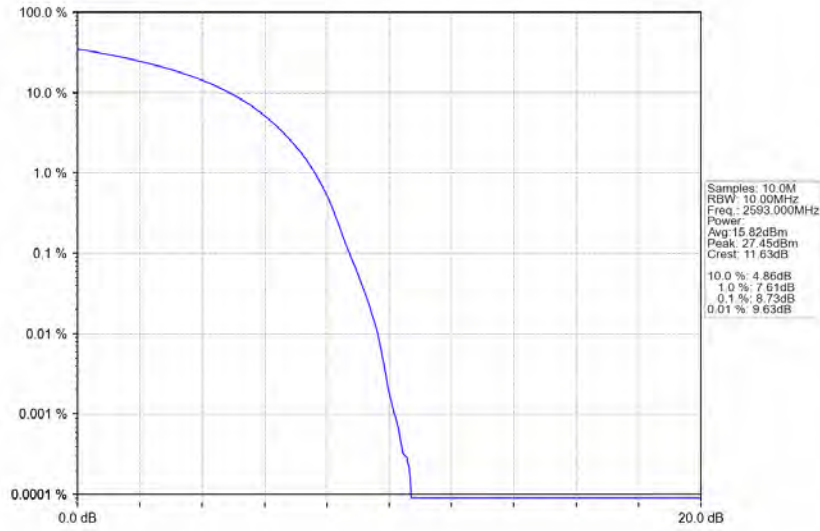
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



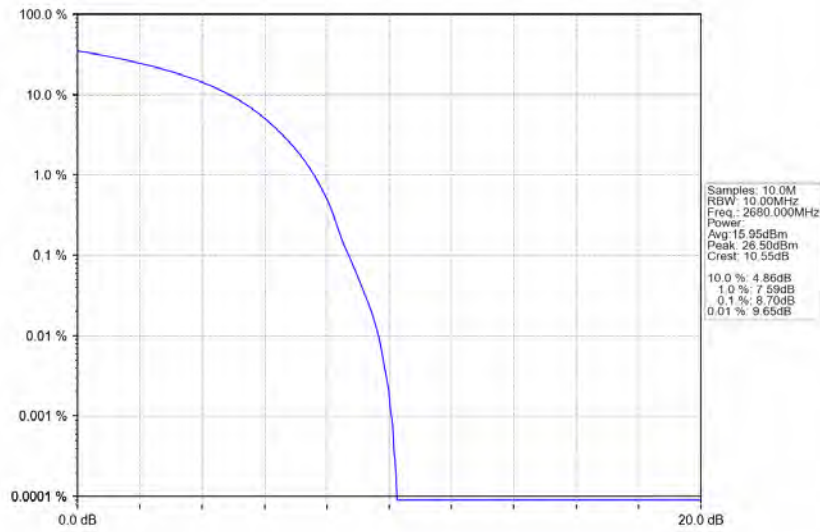
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



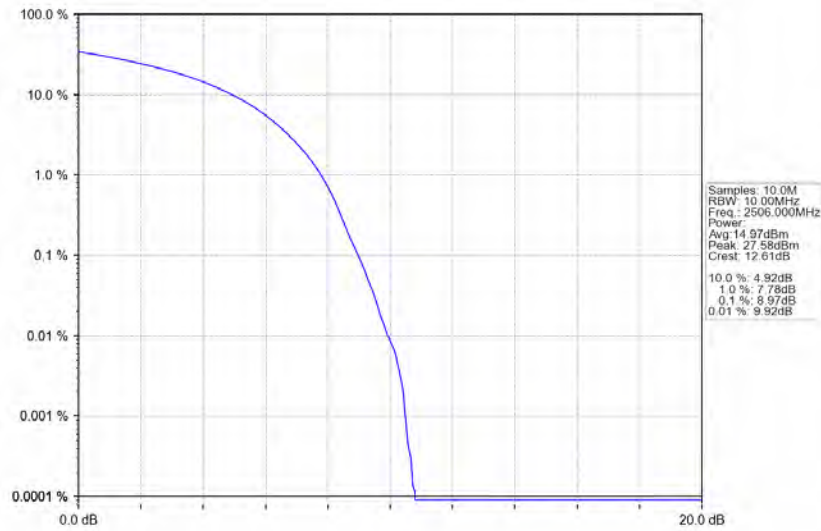
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



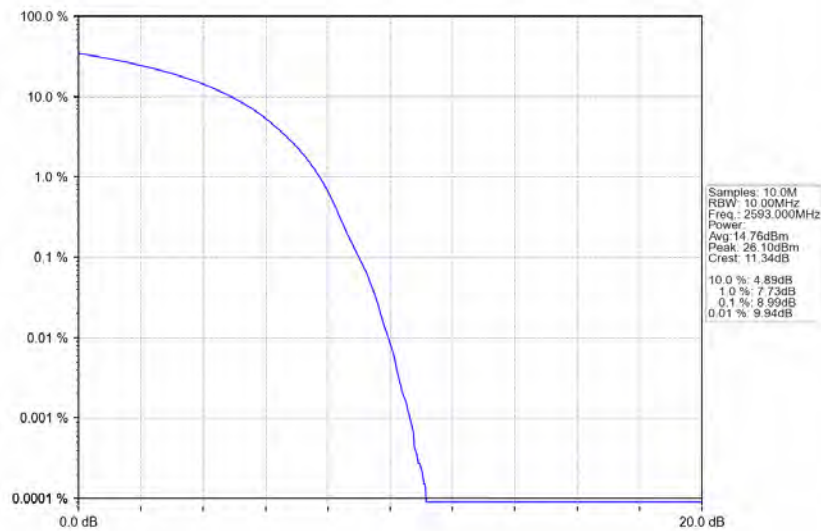
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV

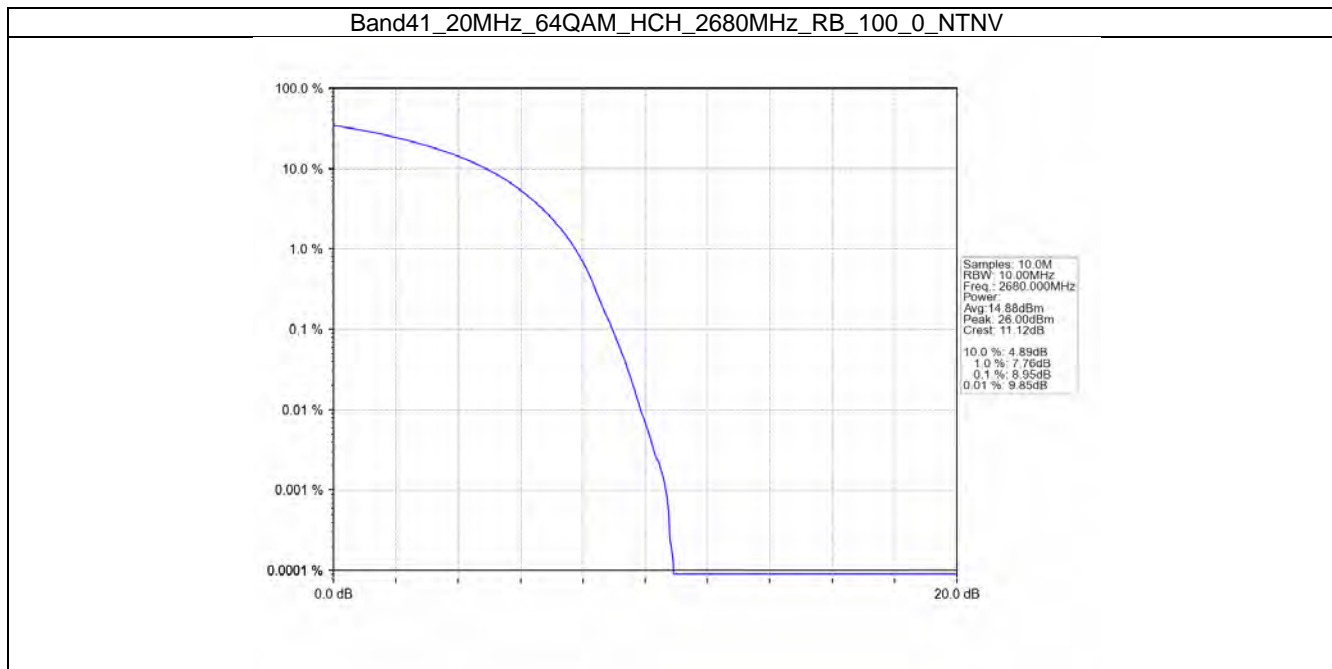


Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV





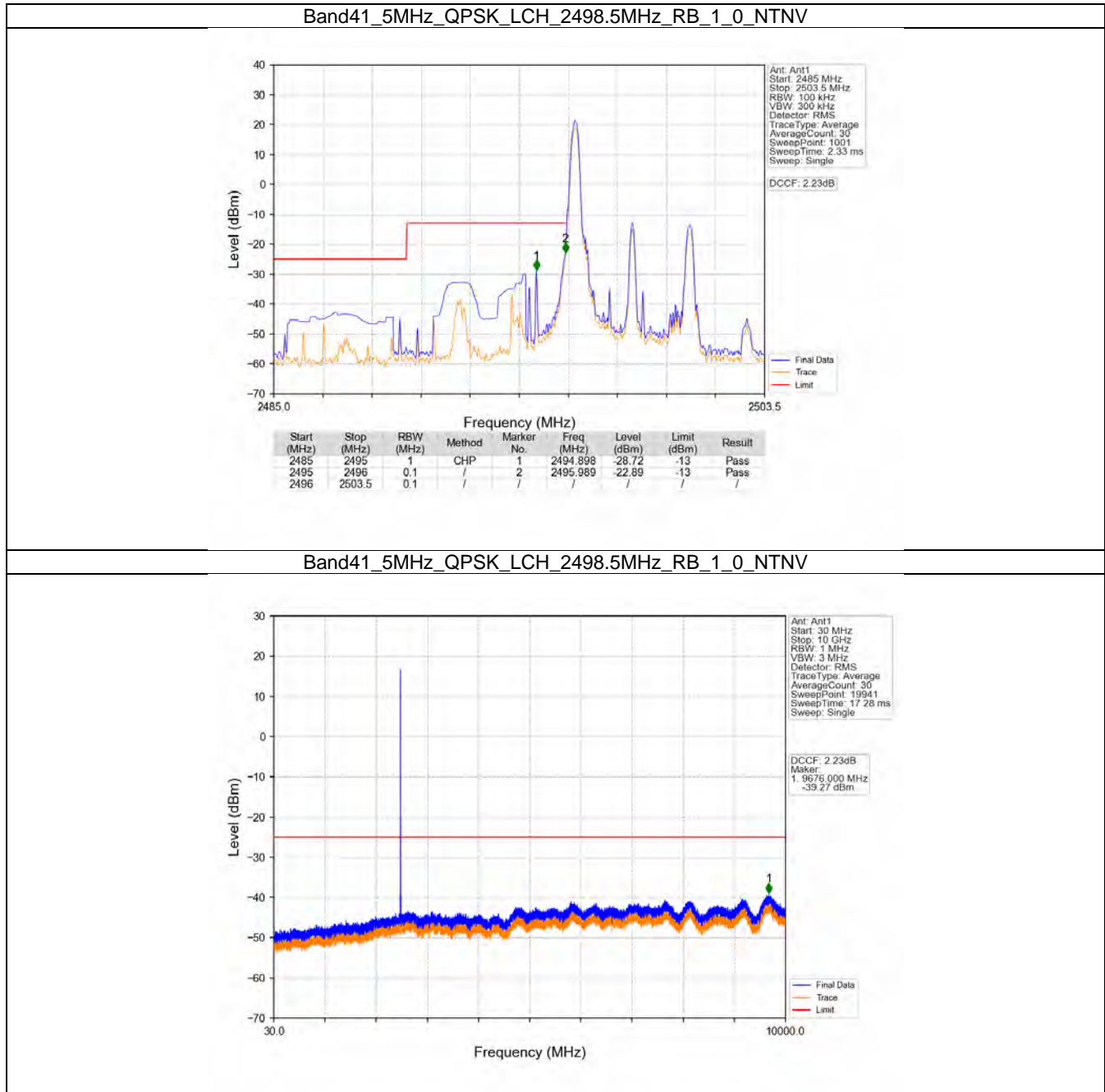
6. Spurious Emission

6.1 B41_5MHz

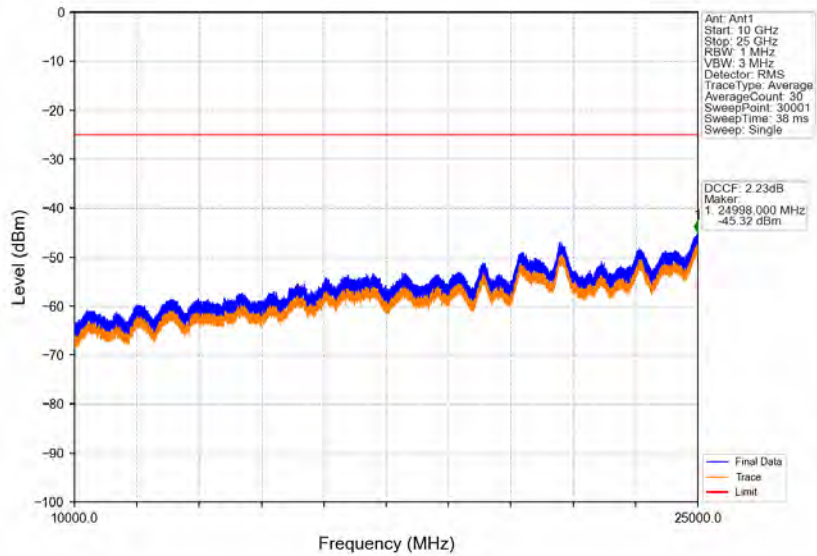
6.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

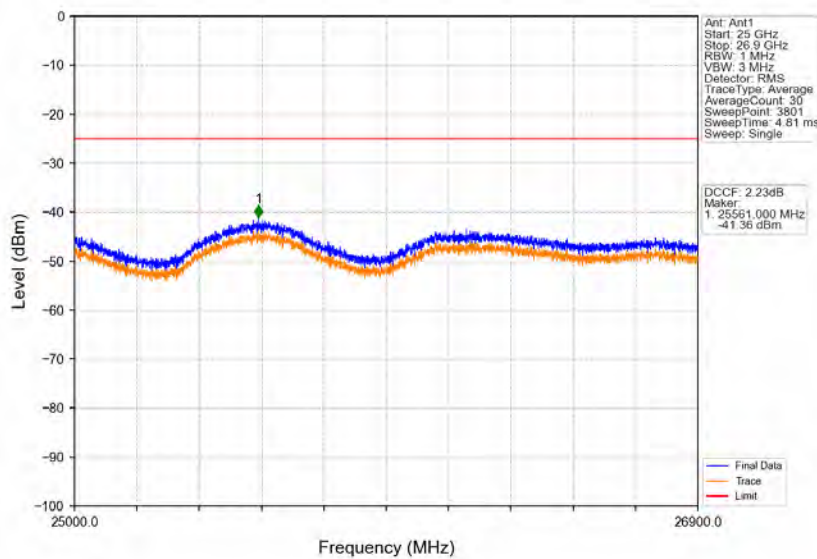
6.1.2 Test Graph



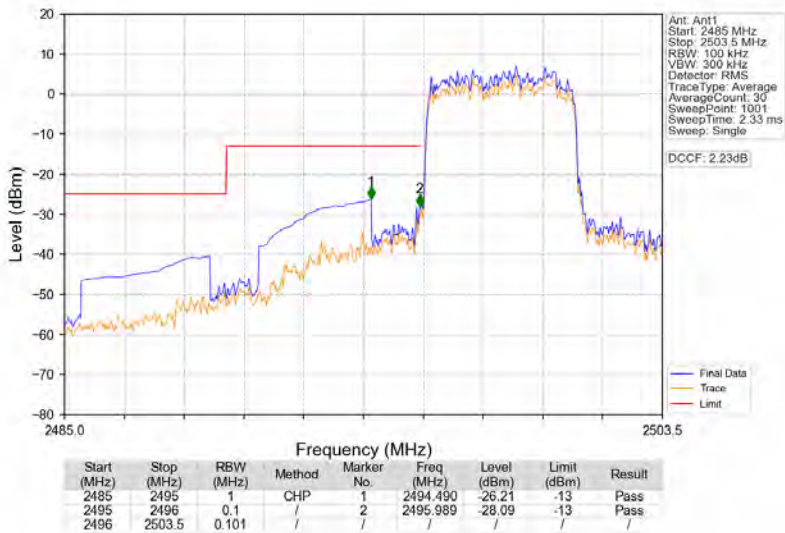
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



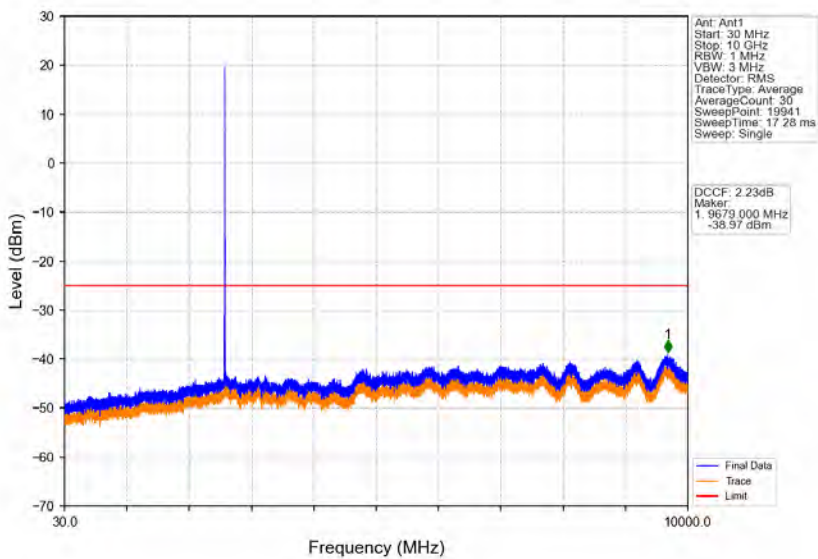
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



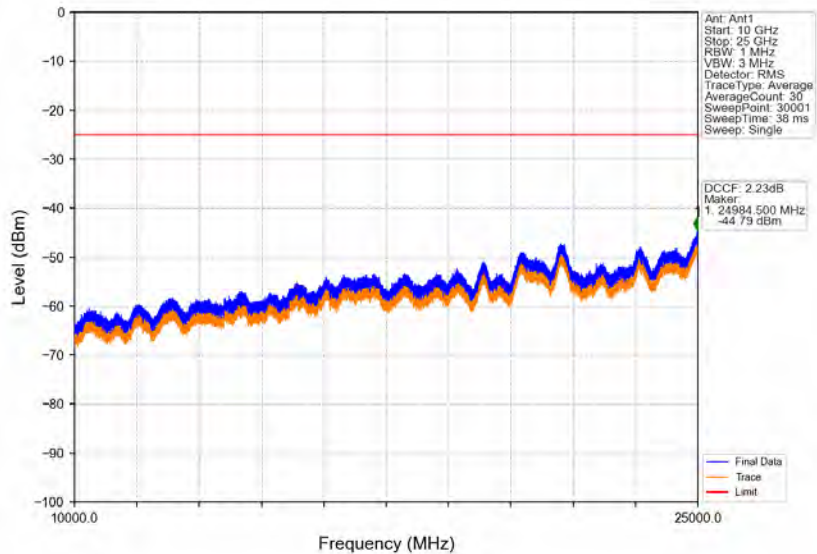
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



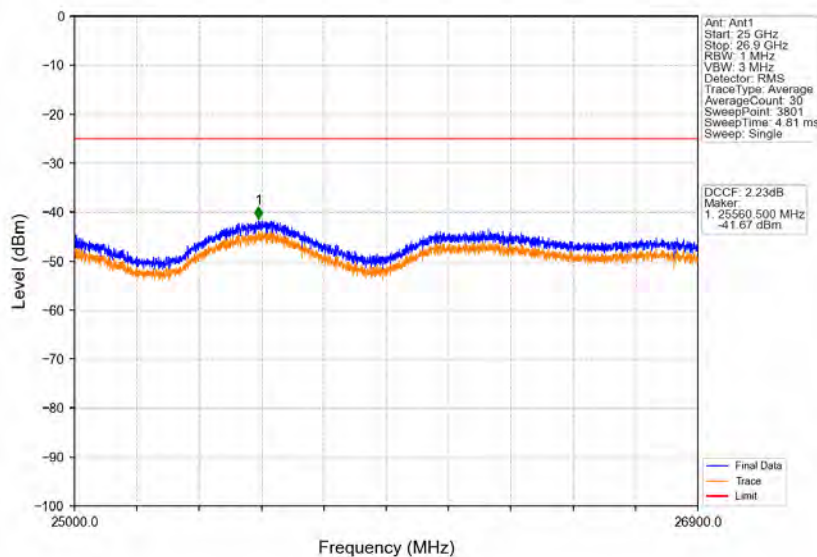
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



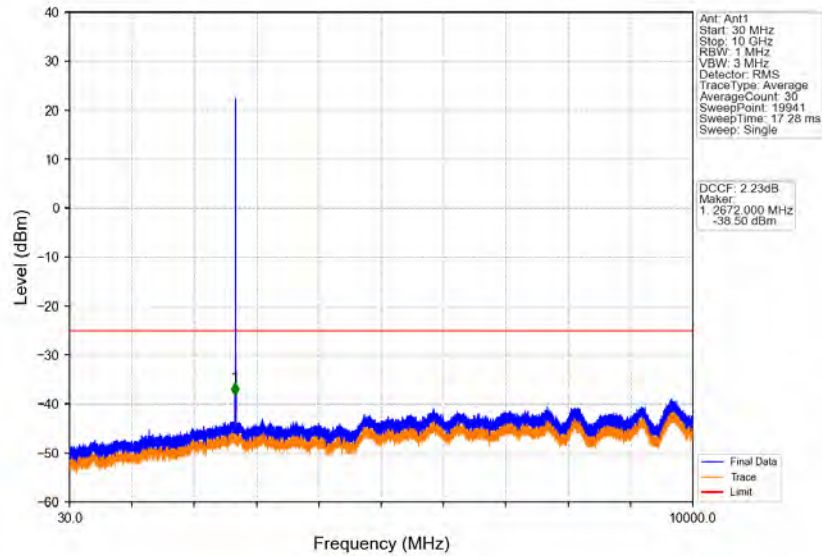
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



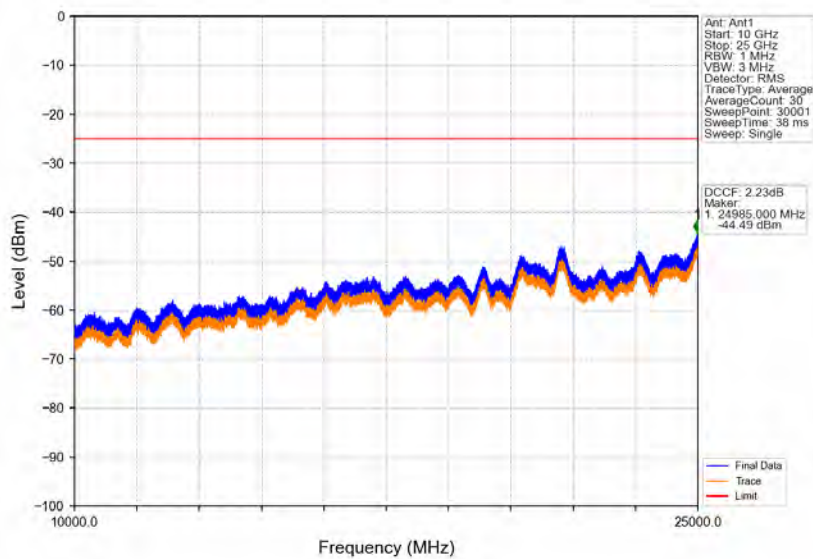
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



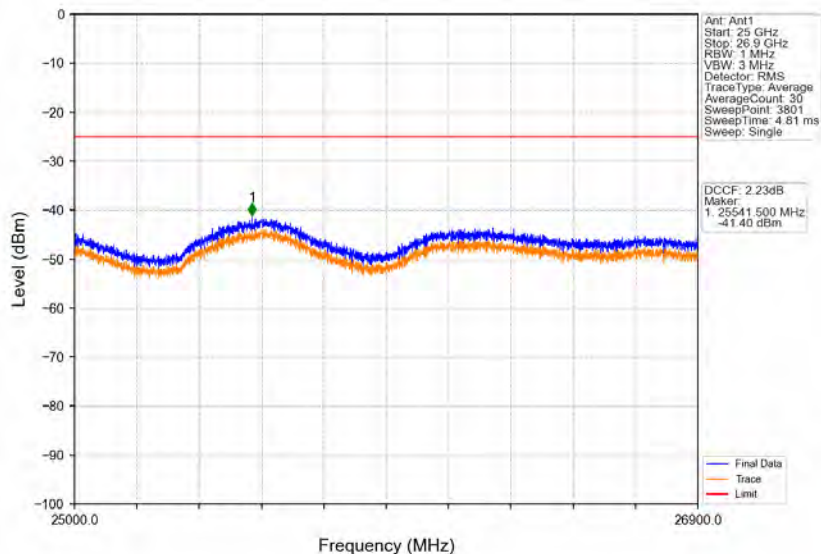
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



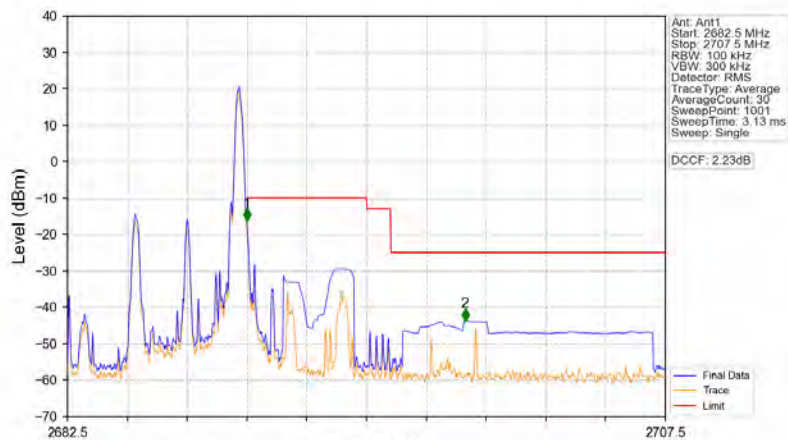
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

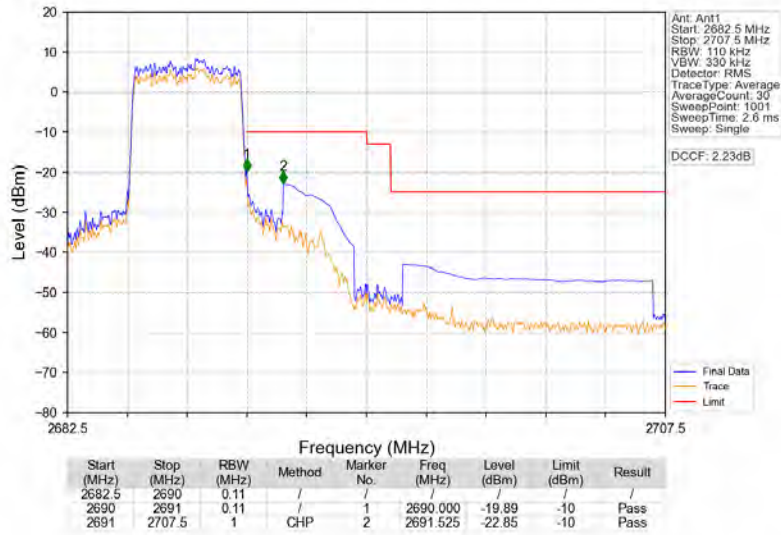


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV

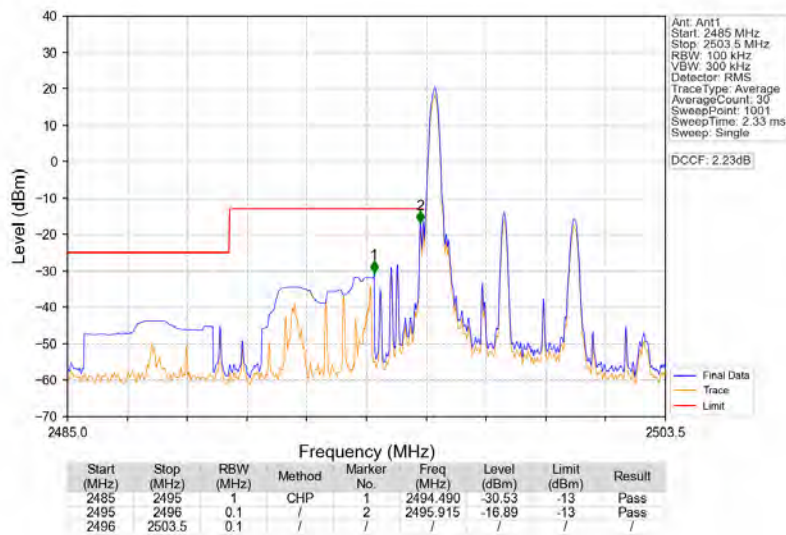


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	1	2690.000	-16.27	-10	Pass
2690	2707.5	1	CHP	2	2699.125	-43.74	-25	Pass

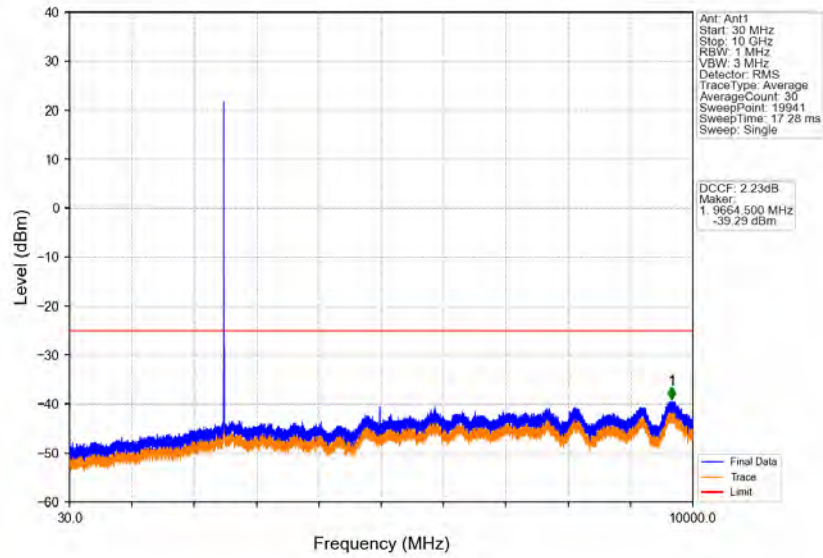
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



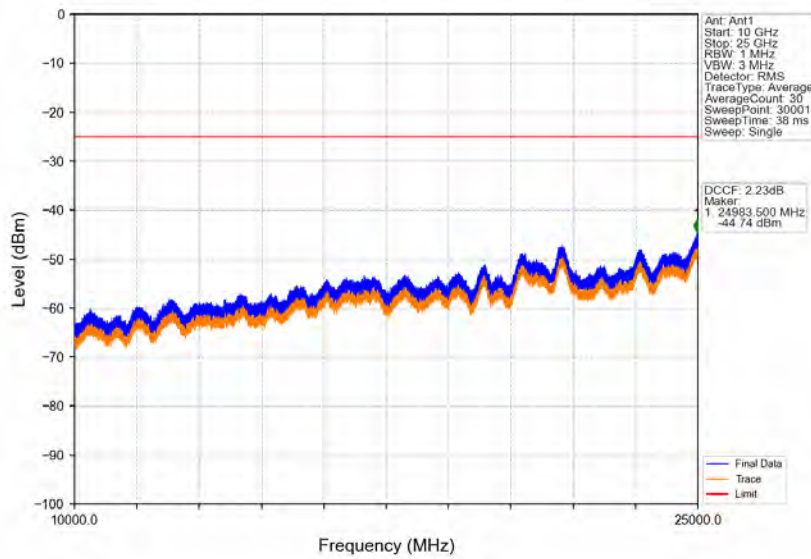
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



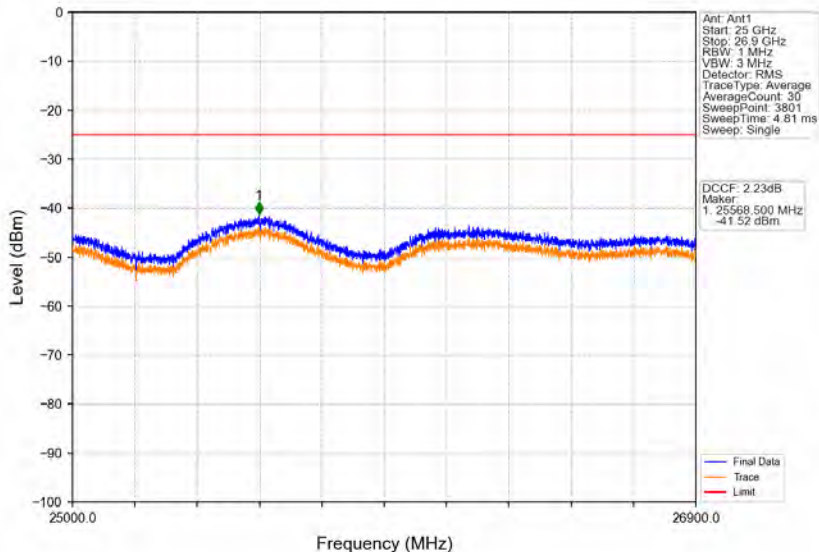
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



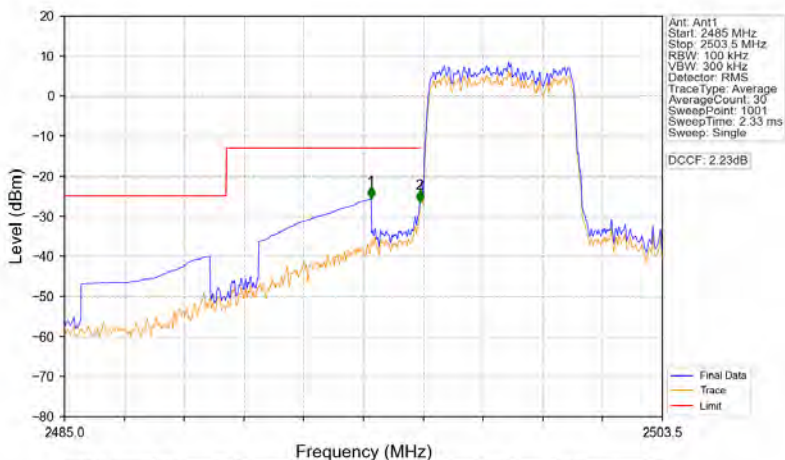
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

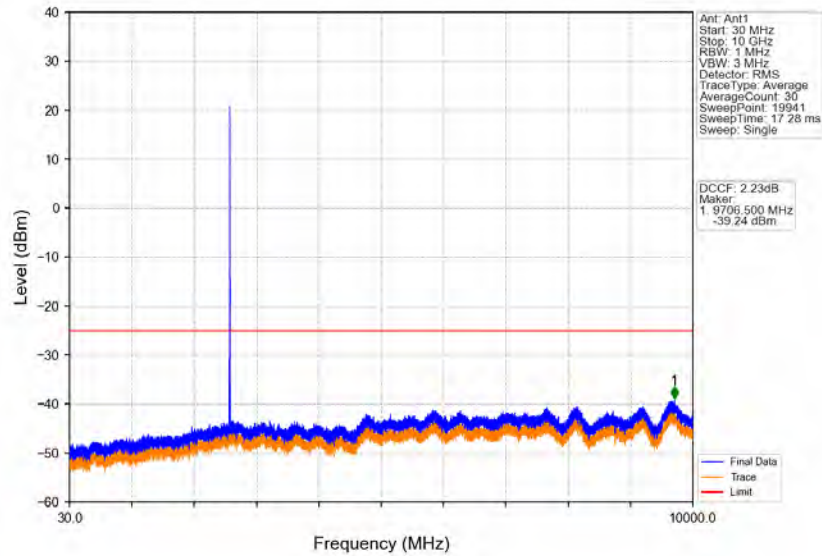


Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV

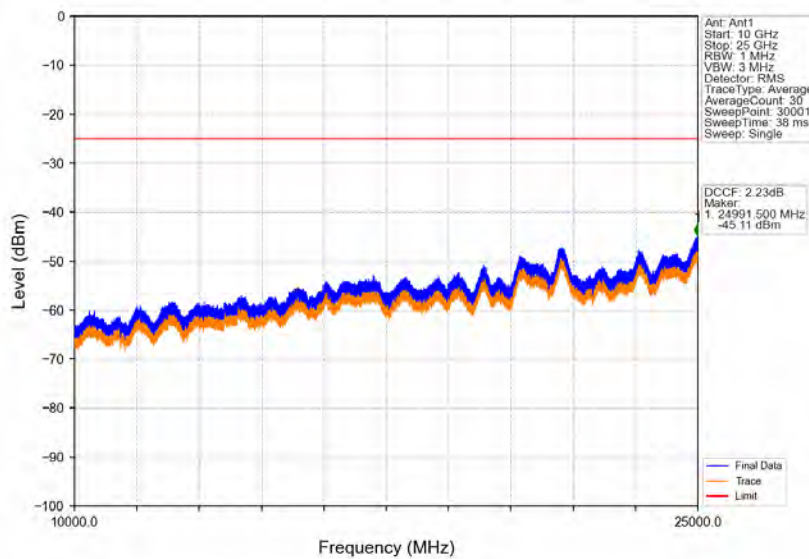


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.490	-25.55	-13	Pass
2495	2496	0.1	/	2	2495.989	-26.55	-13	Pass
2496	2503.5	0.101	/	/	/	/	/	/

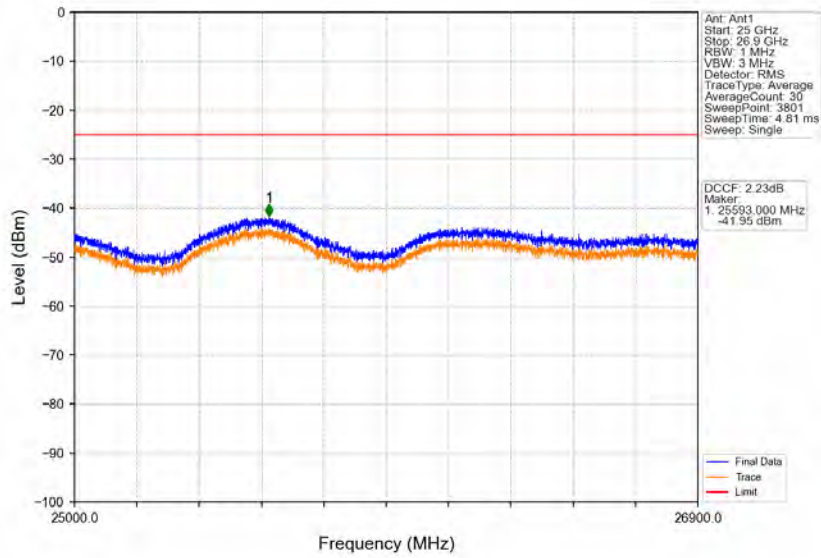
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



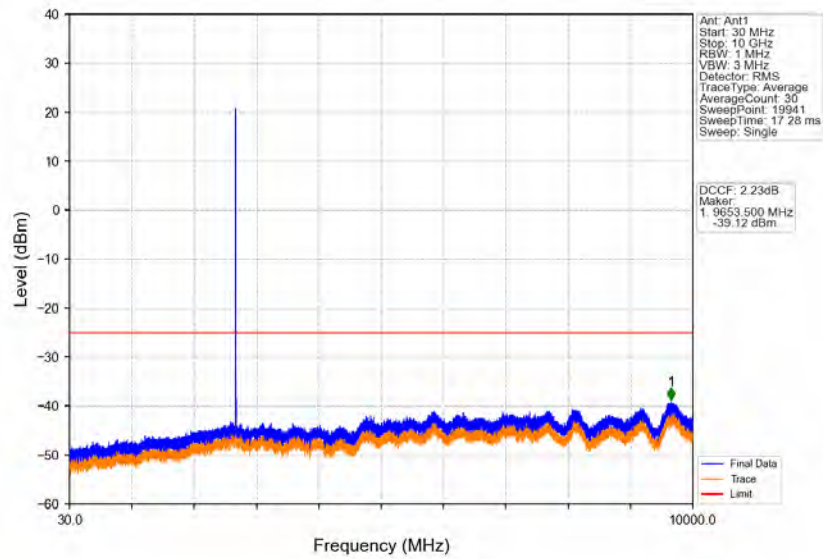
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



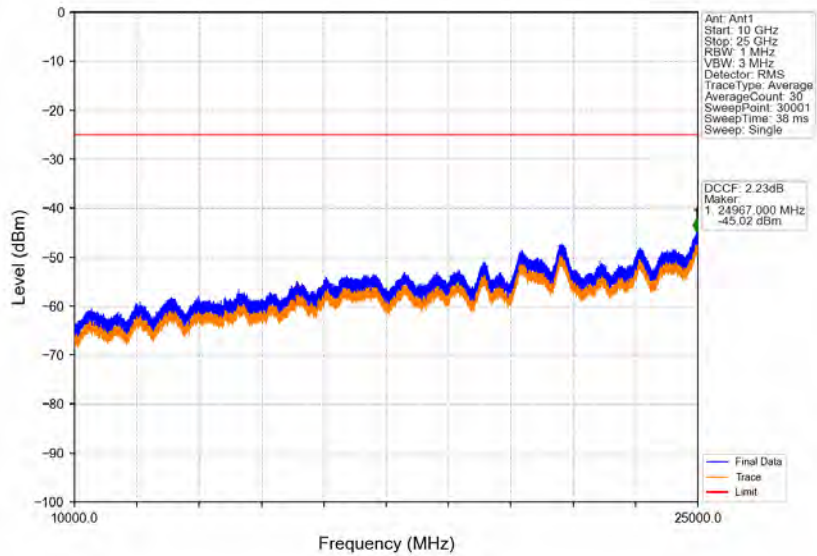
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



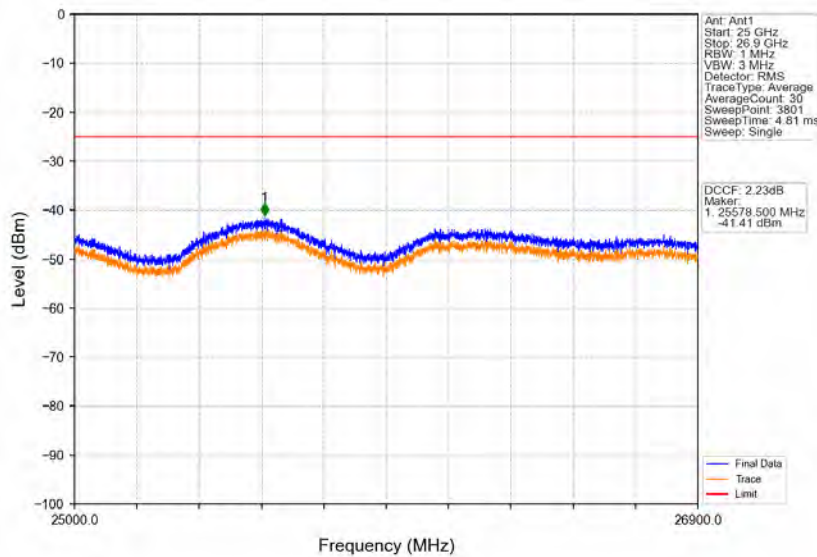
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



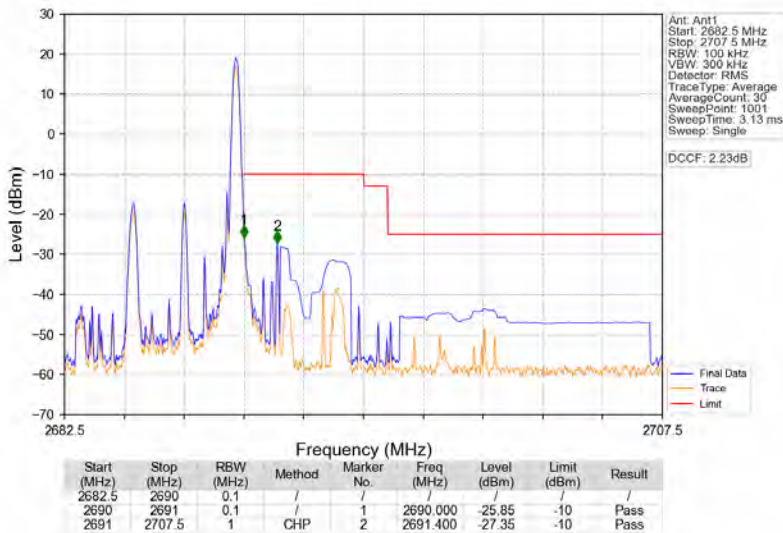
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



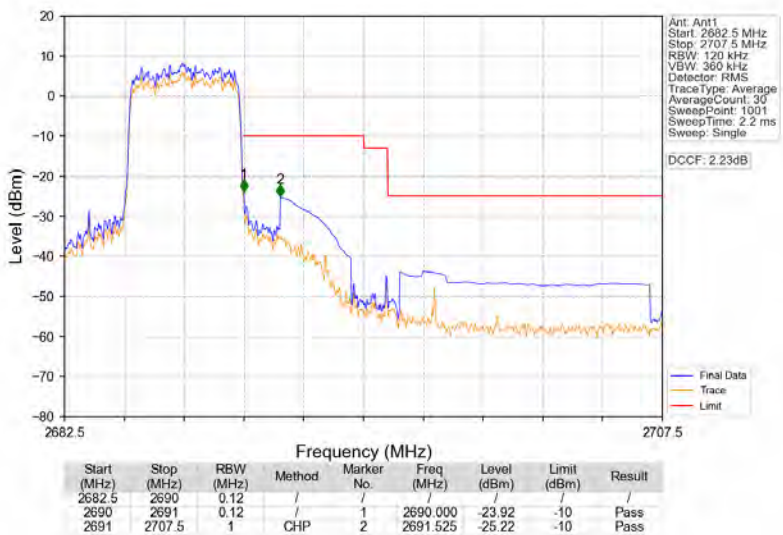
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



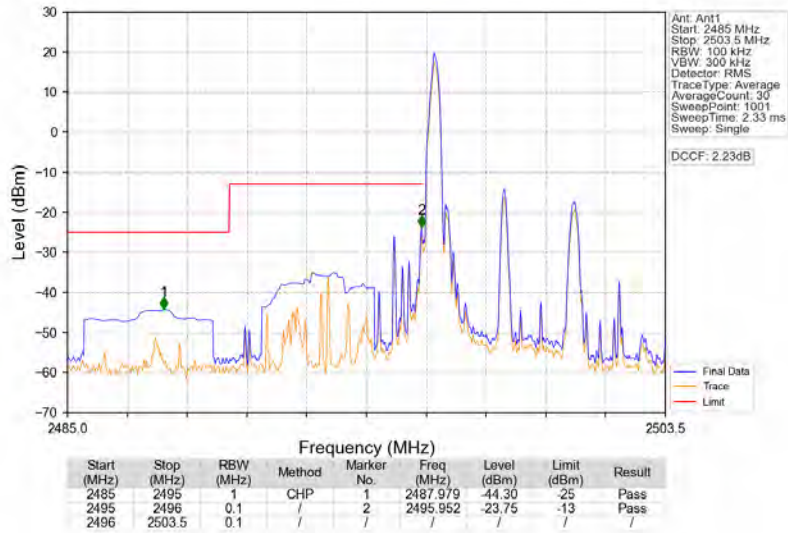
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_24_NTNV



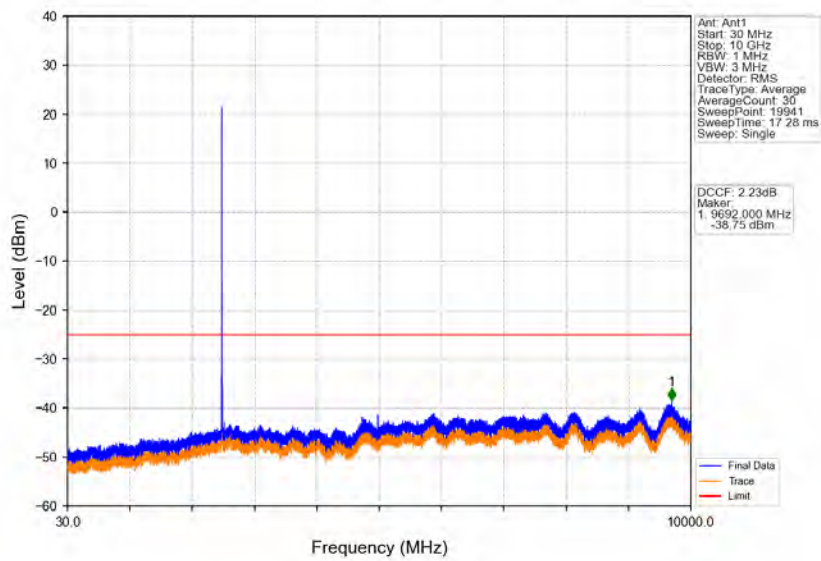
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



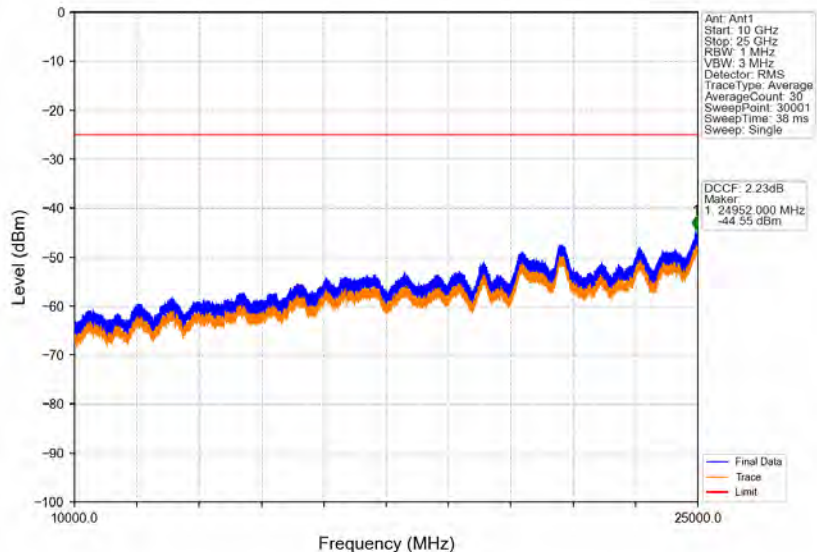
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_1_0_NTNV



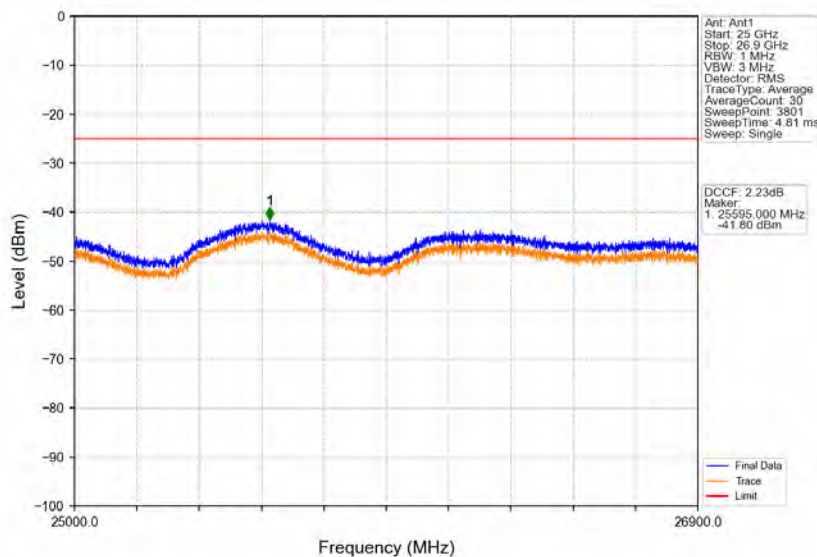
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_1_0_NTNV



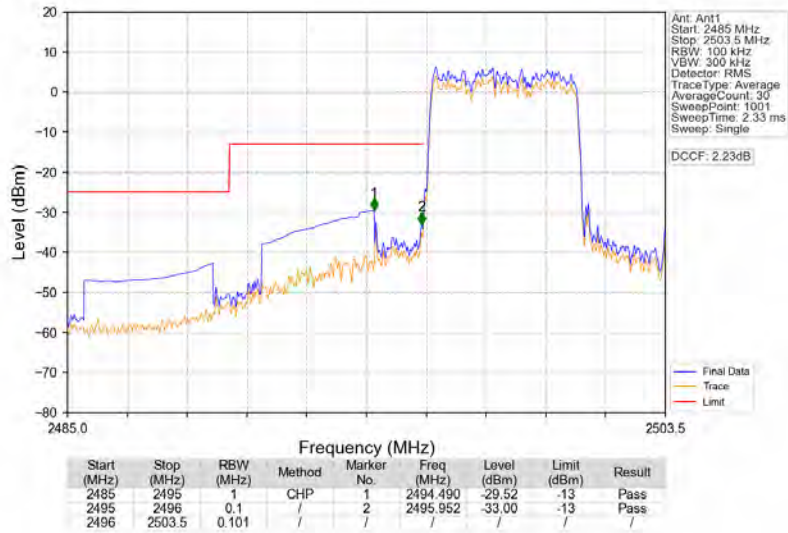
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_1_0_NTNV



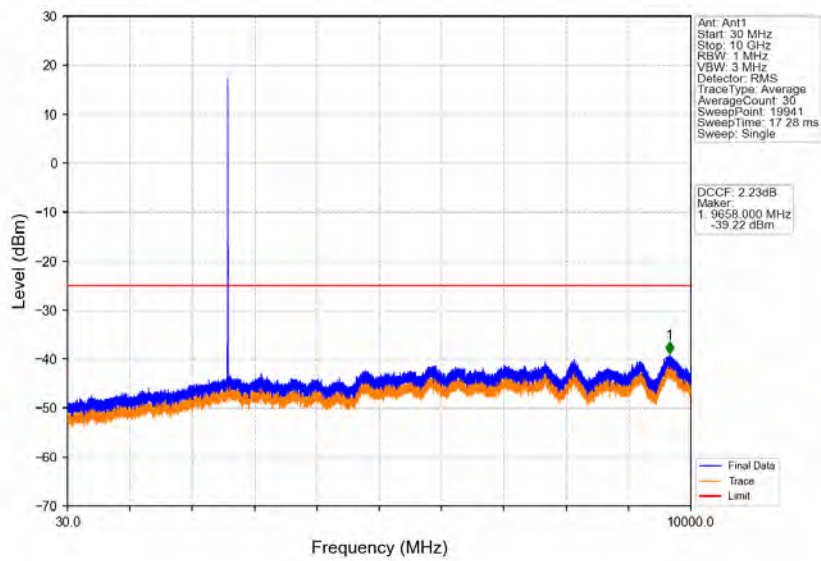
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_1_0_NTNV



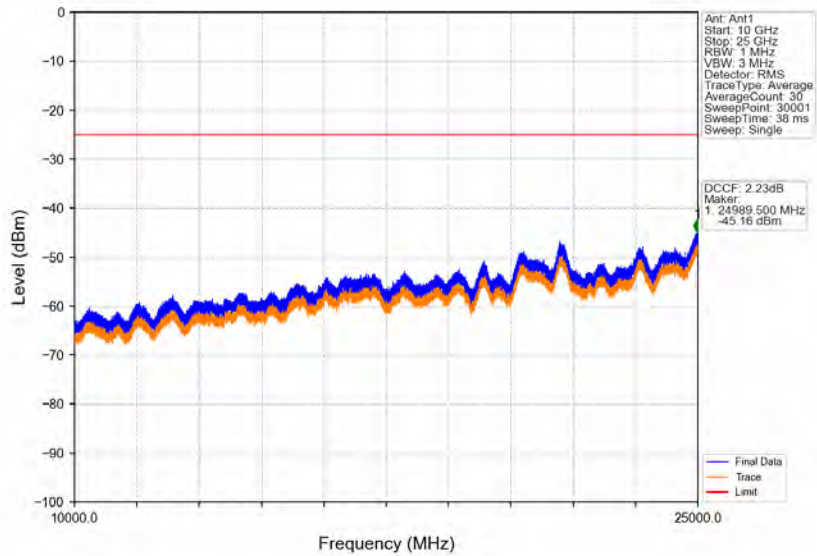
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



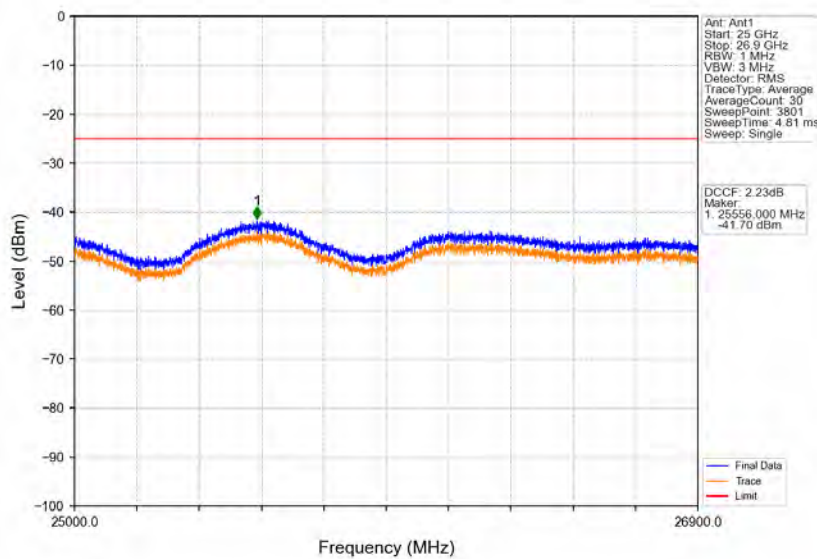
Band41_5MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



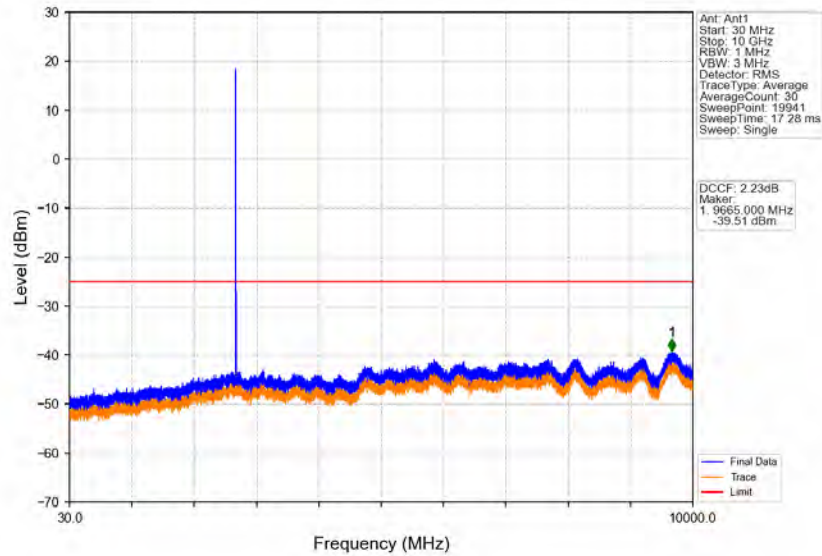
Band41_5MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



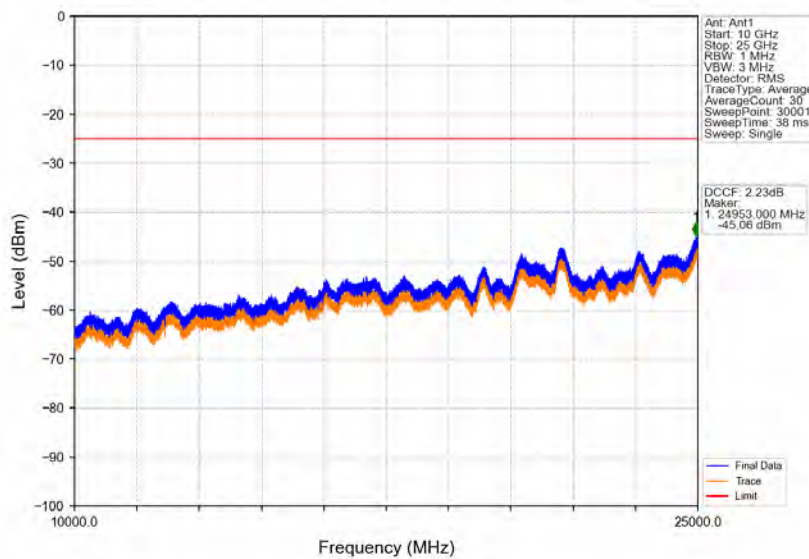
Band41_5MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



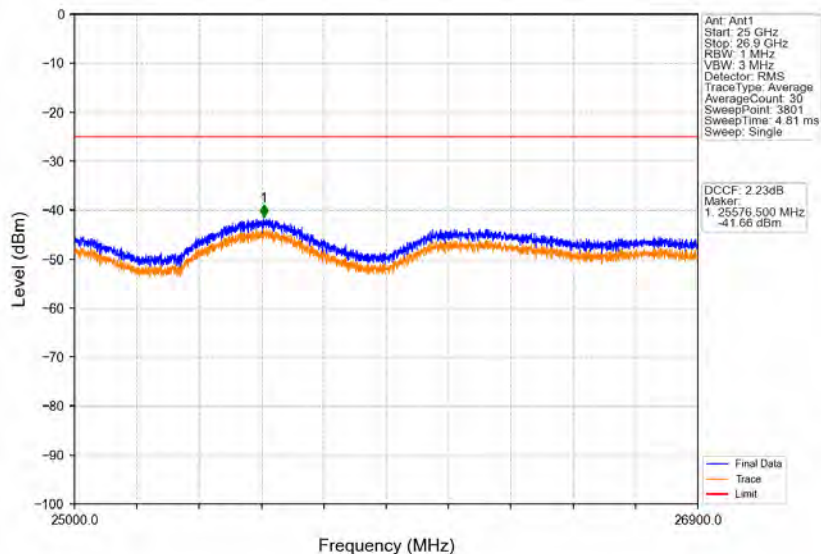
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_1_0_NTNV



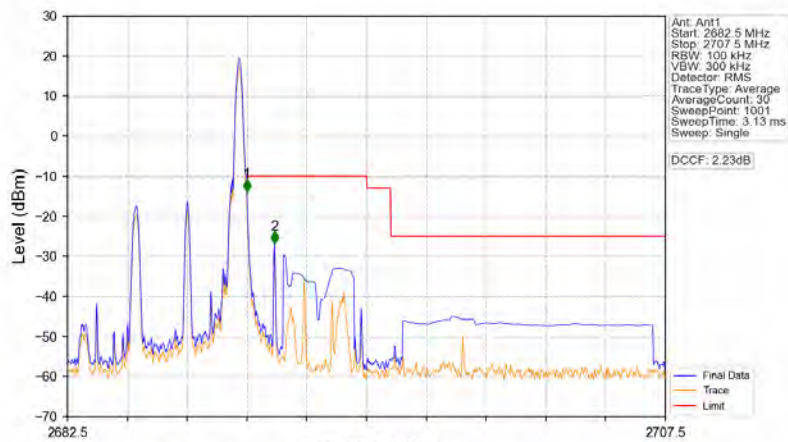
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_1_0_NTNV



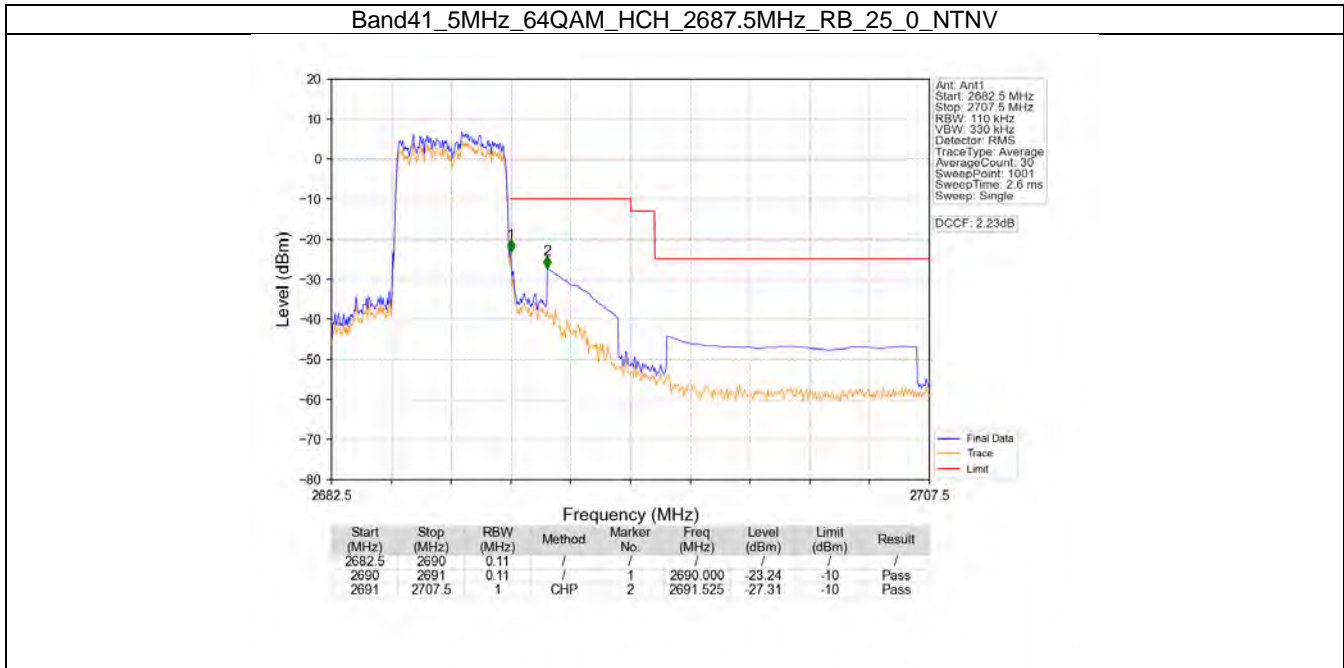
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_64QAM_HCH_2687.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	1	2690.000	-13.83	-10	Pass
2690	2707.5	1	CHP	2	2691.150	-26.83	-10	Pass

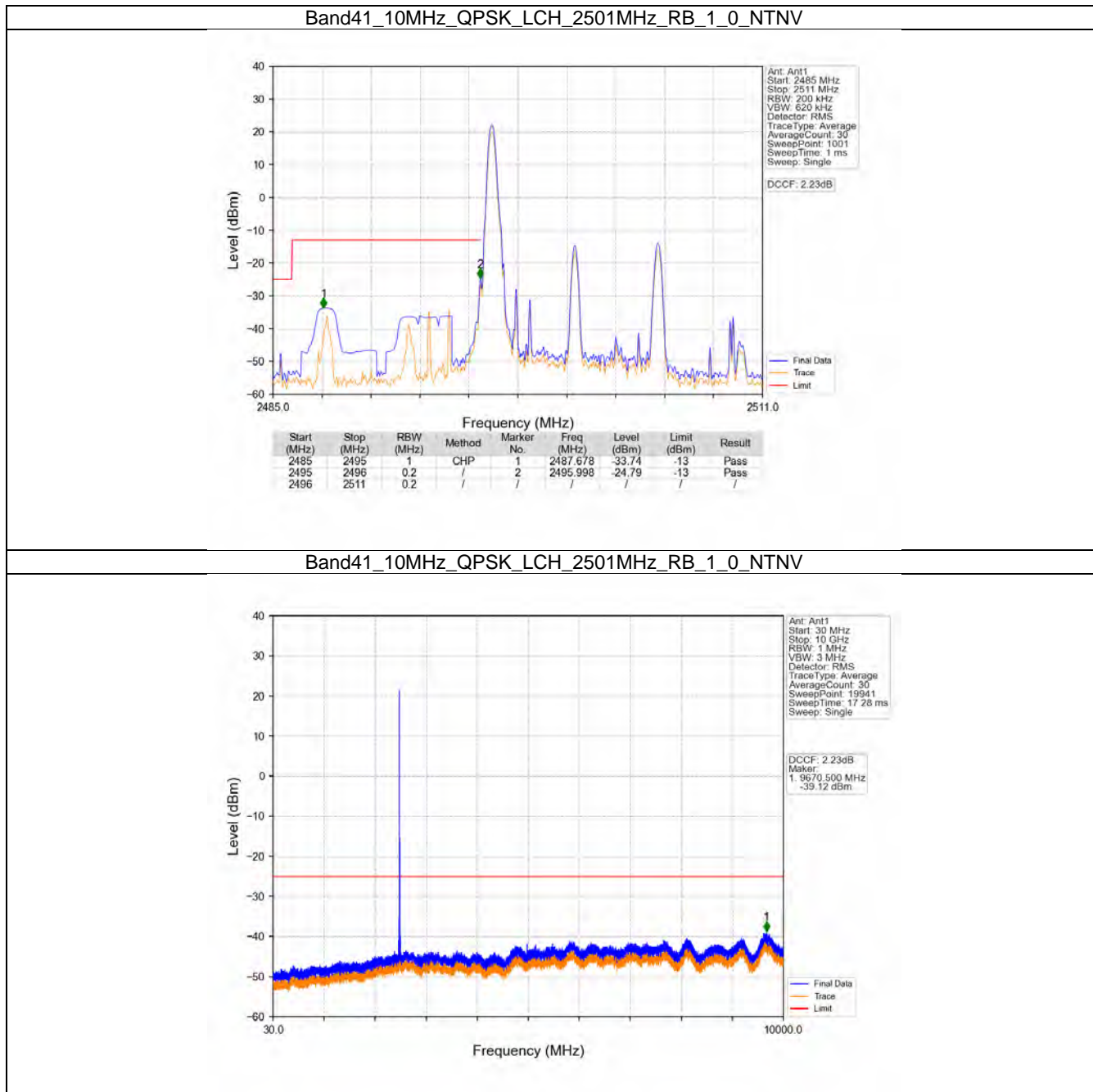


6.2 B41_10MHz

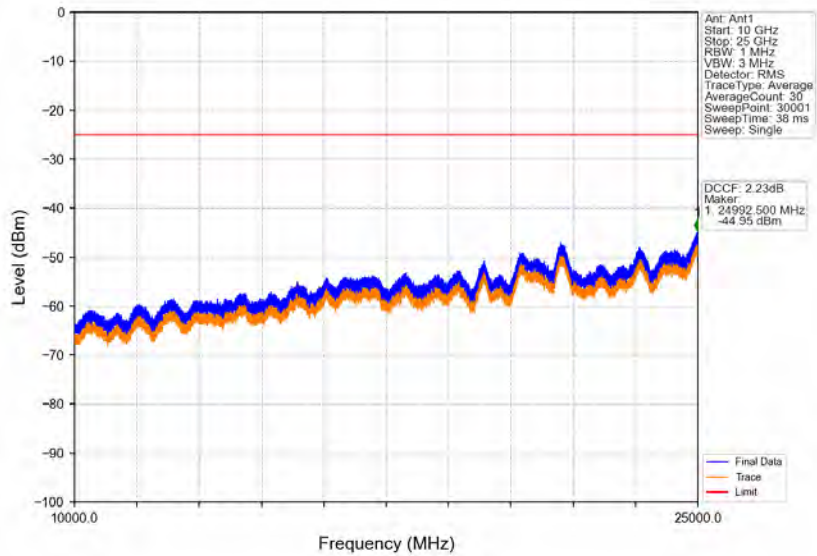
6.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
64QAM	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

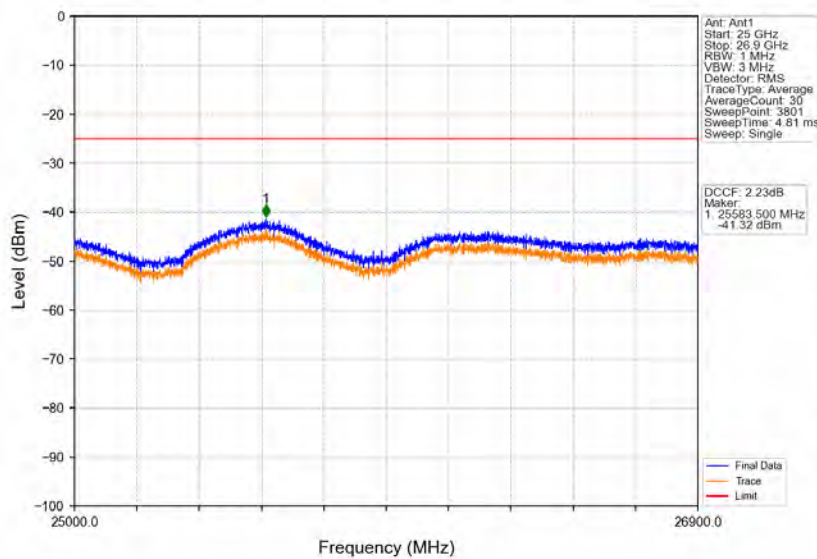
6.2.2 Test Graph



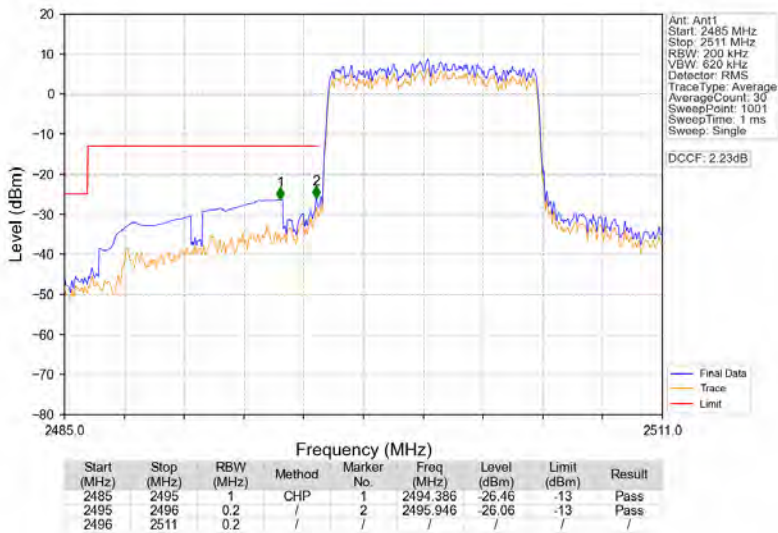
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



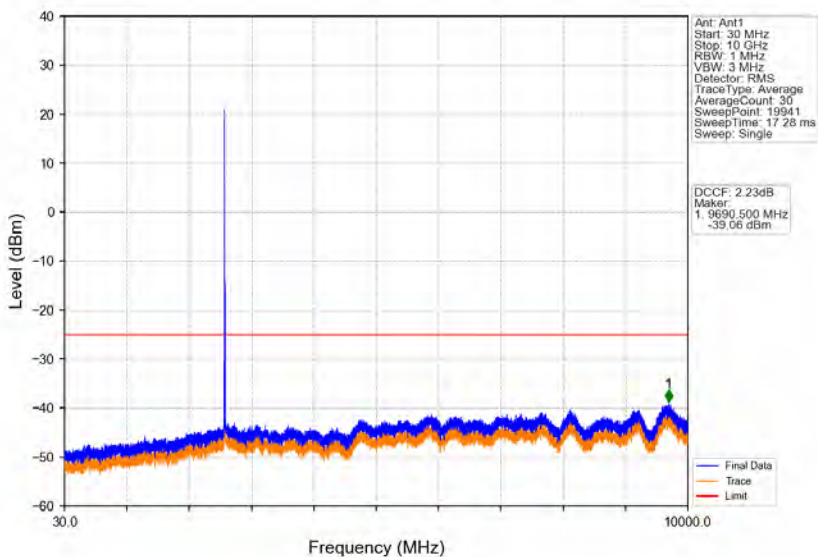
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



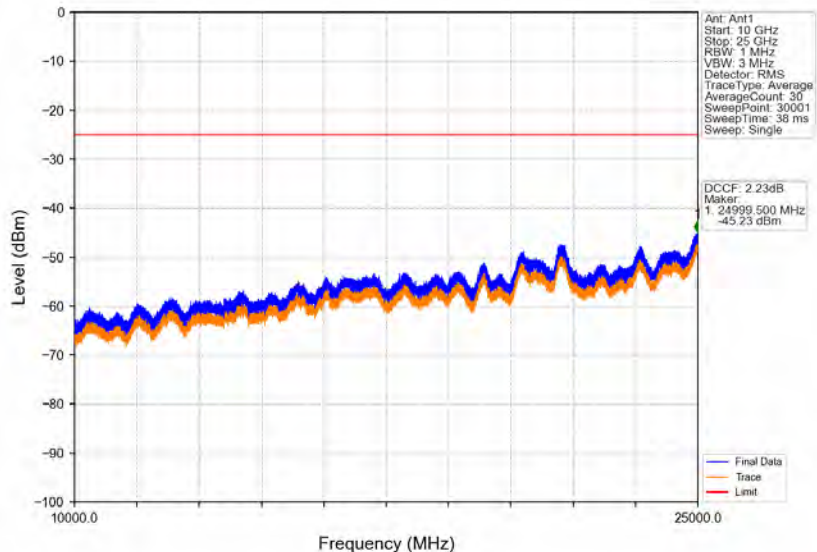
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



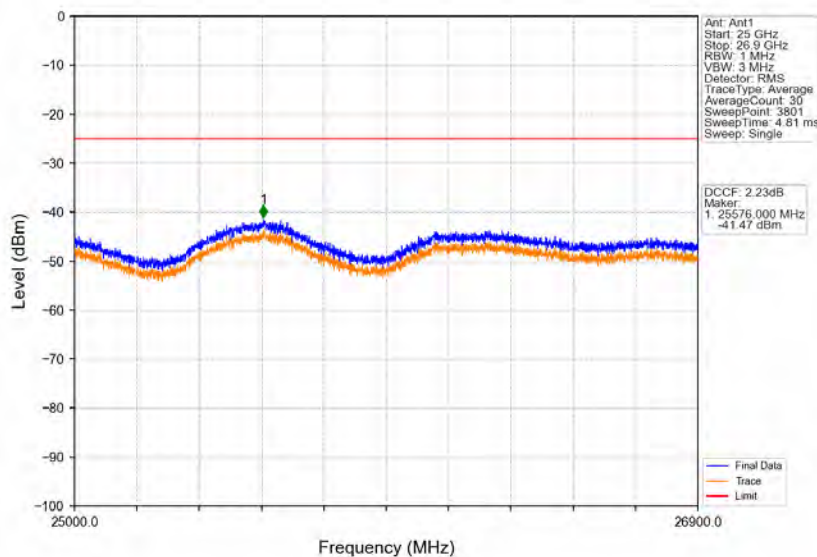
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



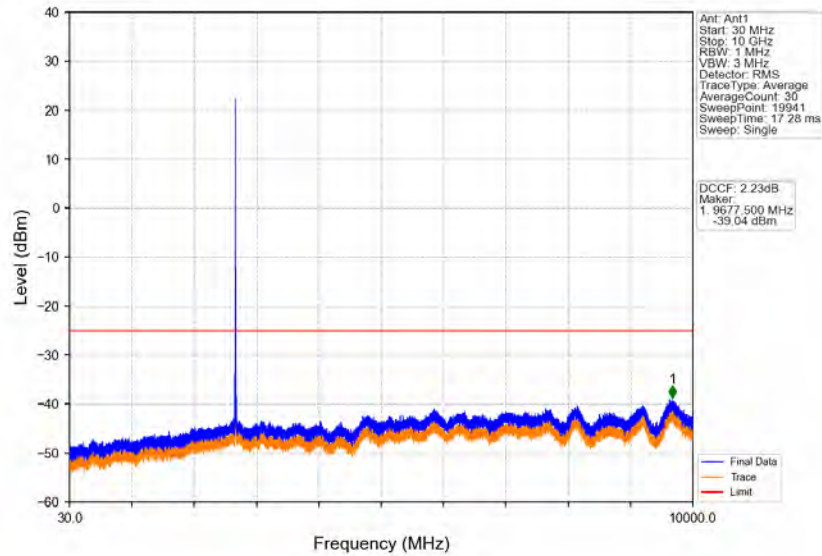
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



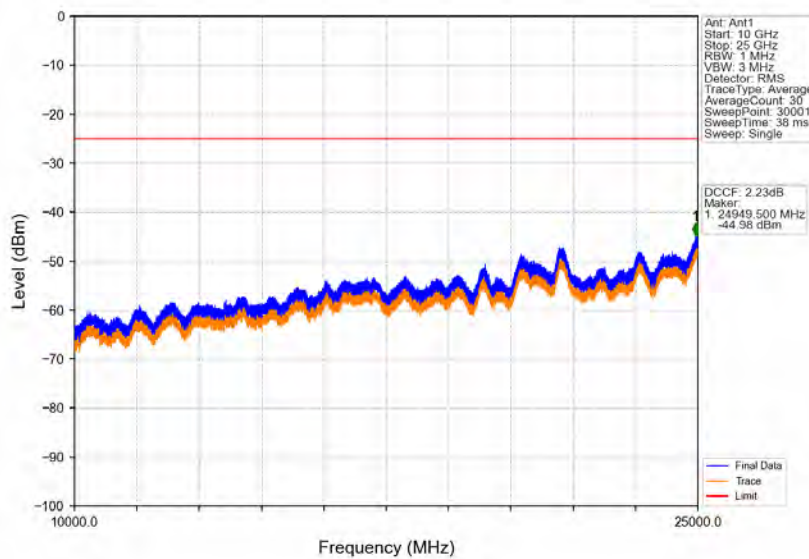
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



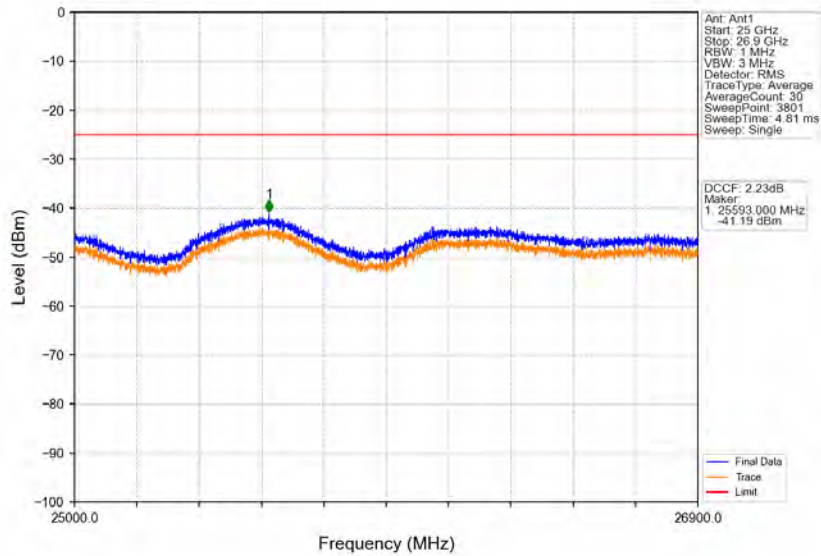
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



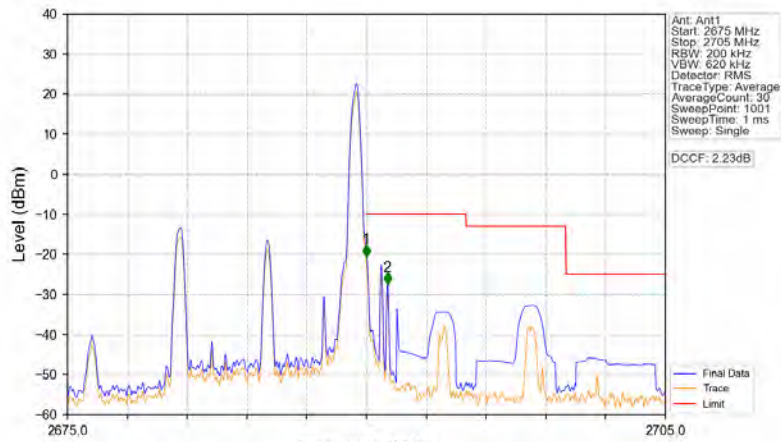
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

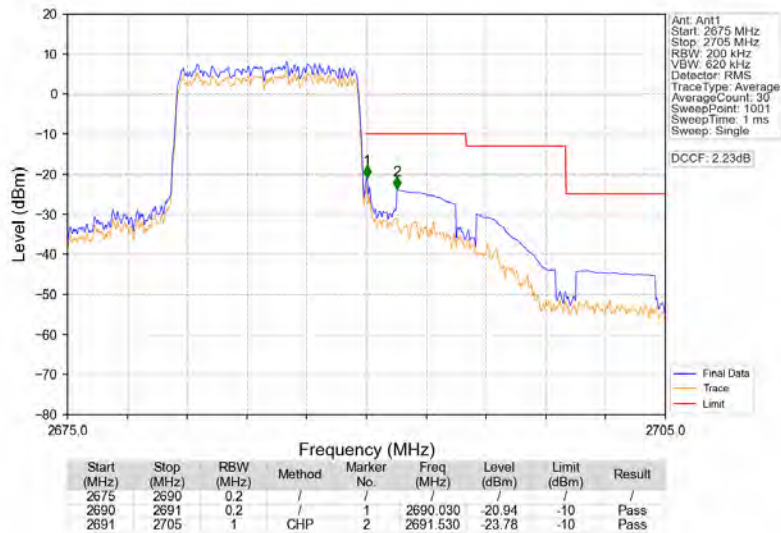


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV

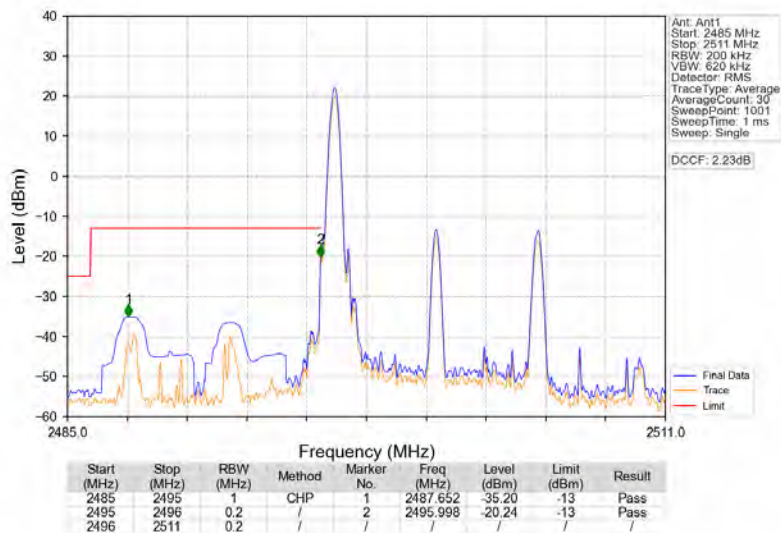


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	/	1	2690.000	-20.59	-10	Pass
2690	2691	0.2	/	1	2690.000	-20.59	-10	Pass
2691	2705	1	CHP	2	2691.050	-27.59	-10	Pass

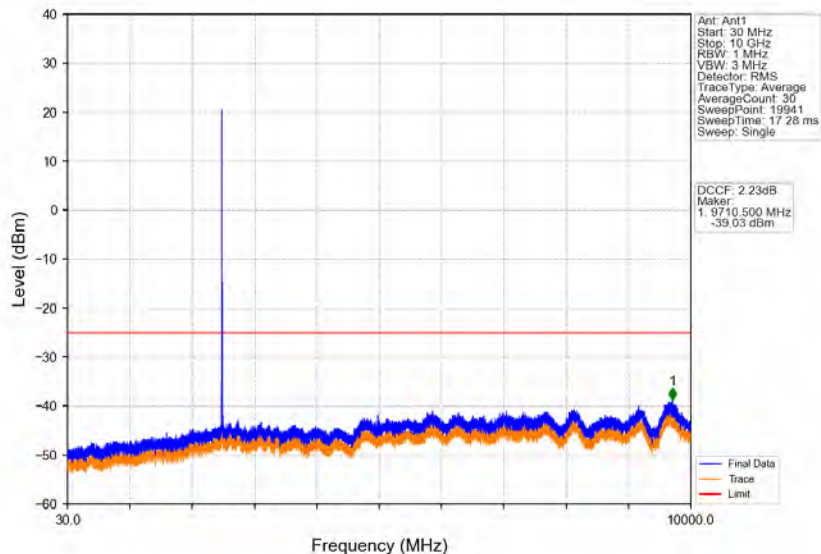
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



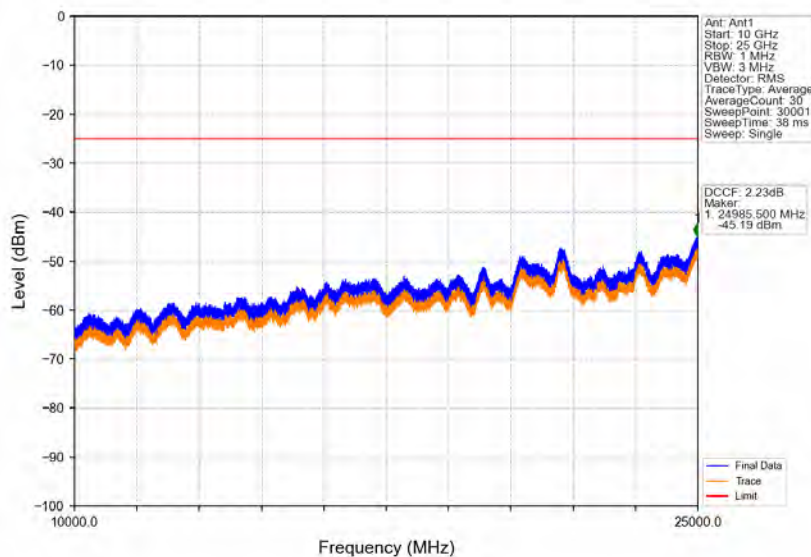
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



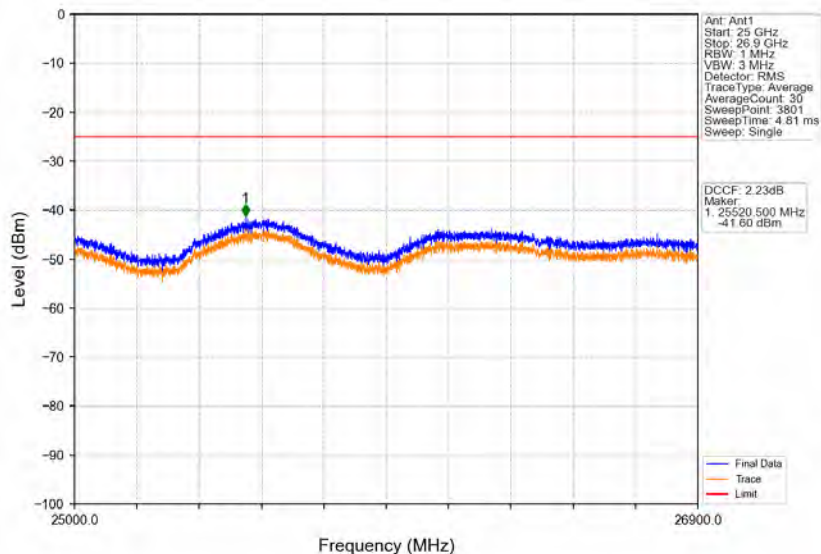
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



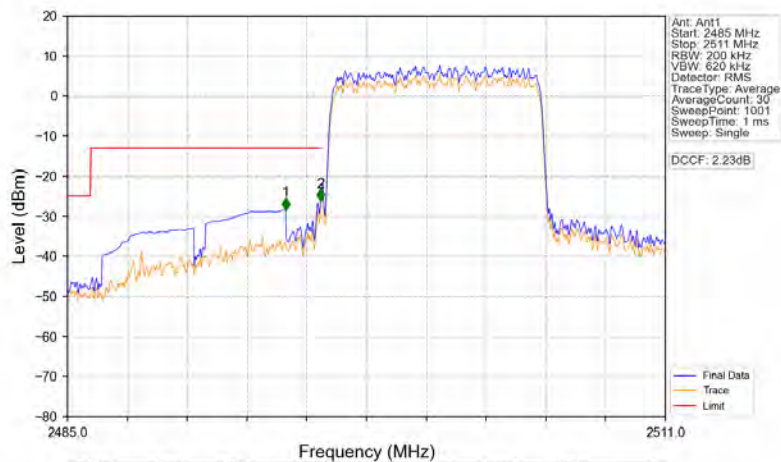
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV

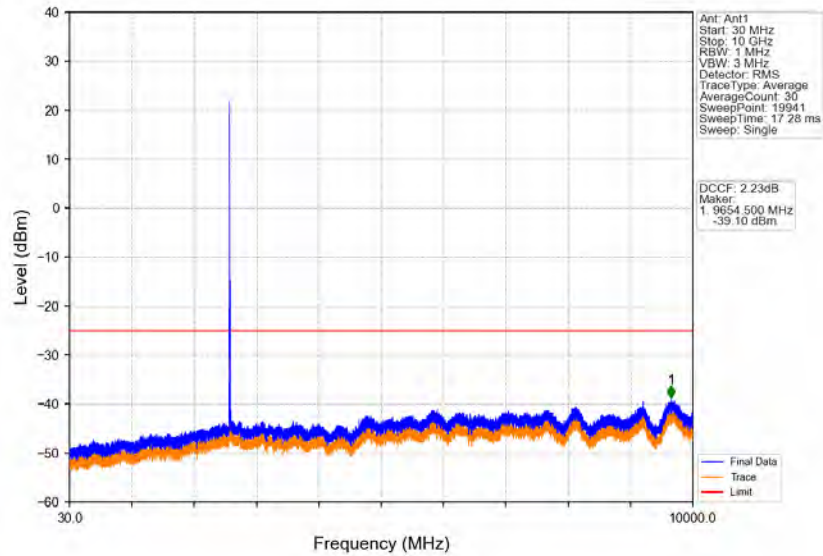


Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV

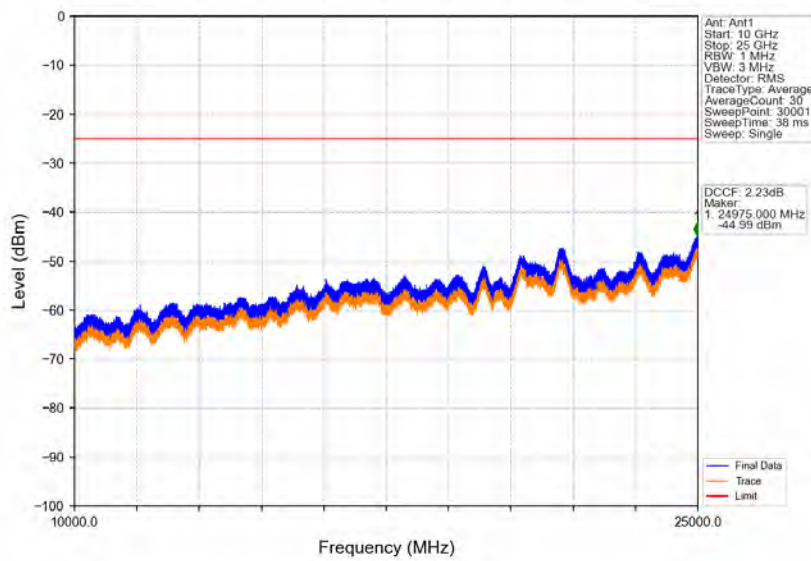


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.490	-28.44	-13	Pass
2495	2496	0.2	/	2	2495.998	-26.26	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

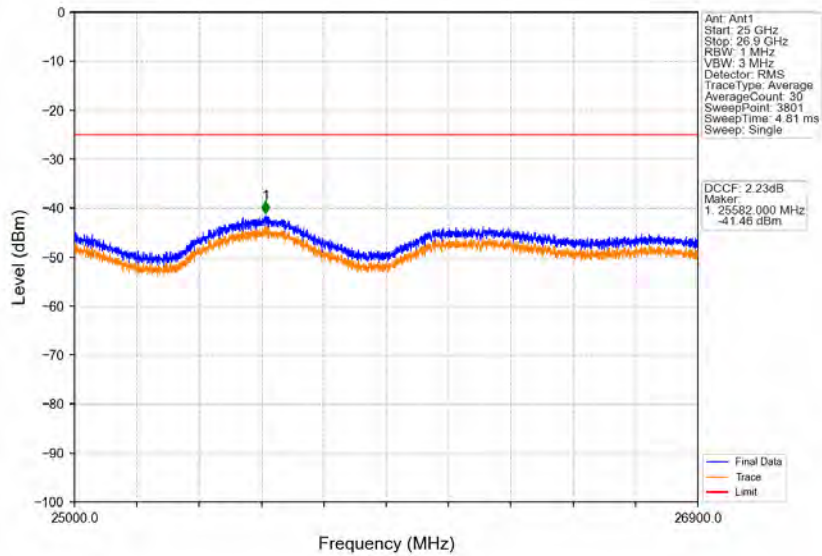
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



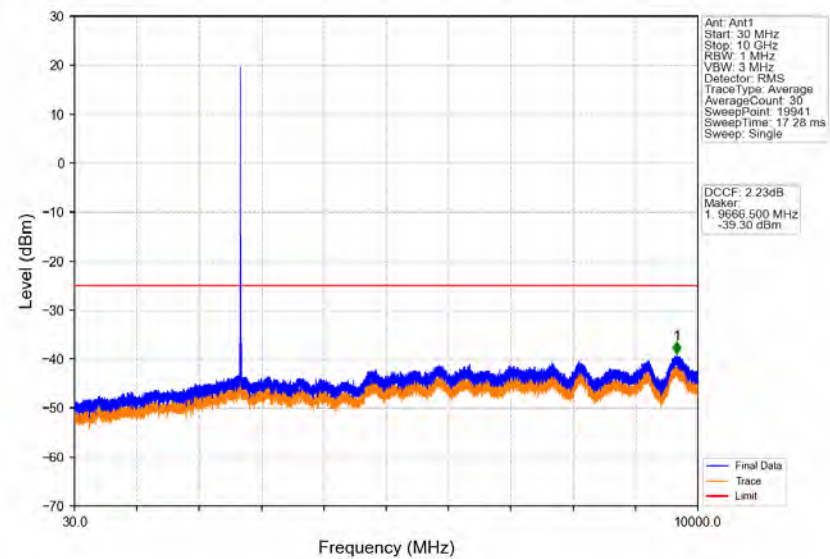
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



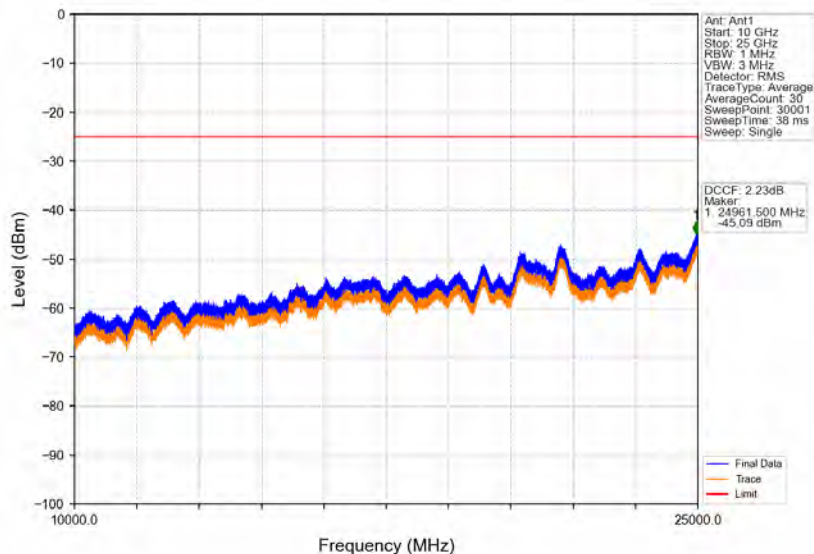
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



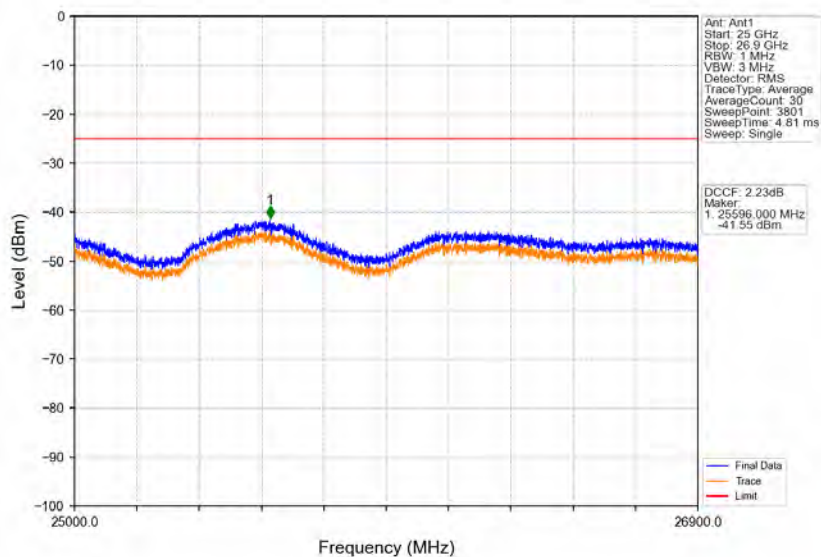
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



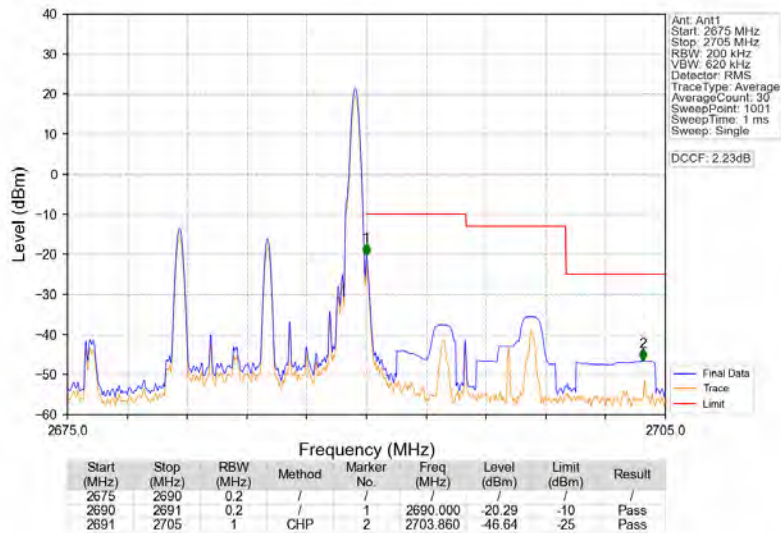
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



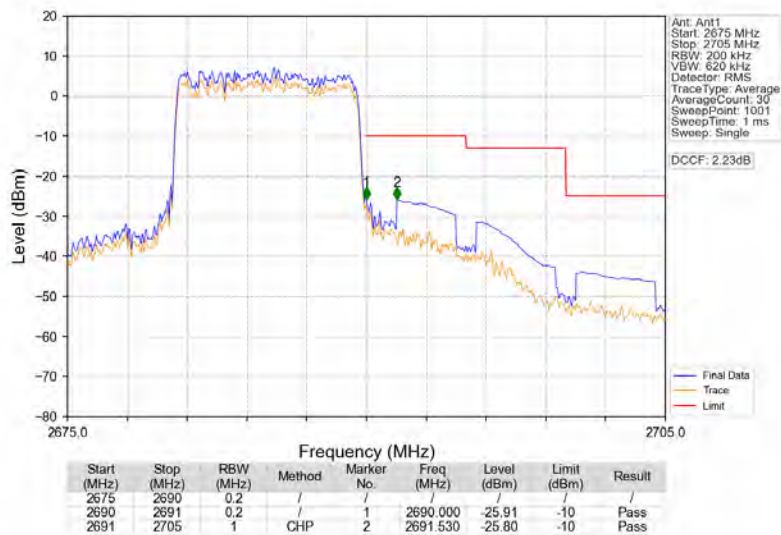
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



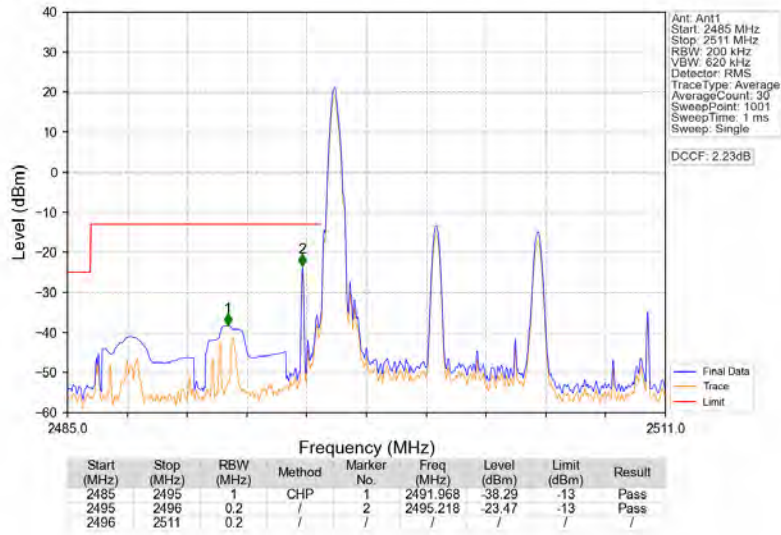
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_49_NTNV



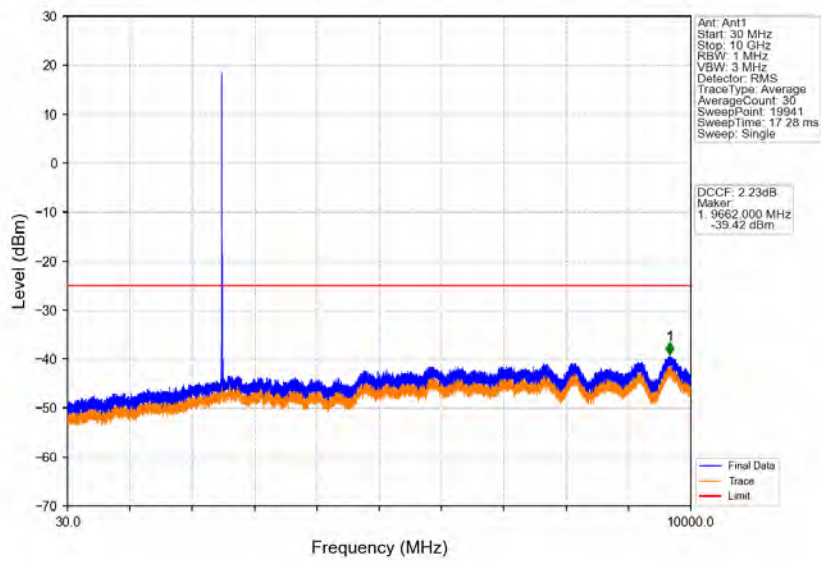
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



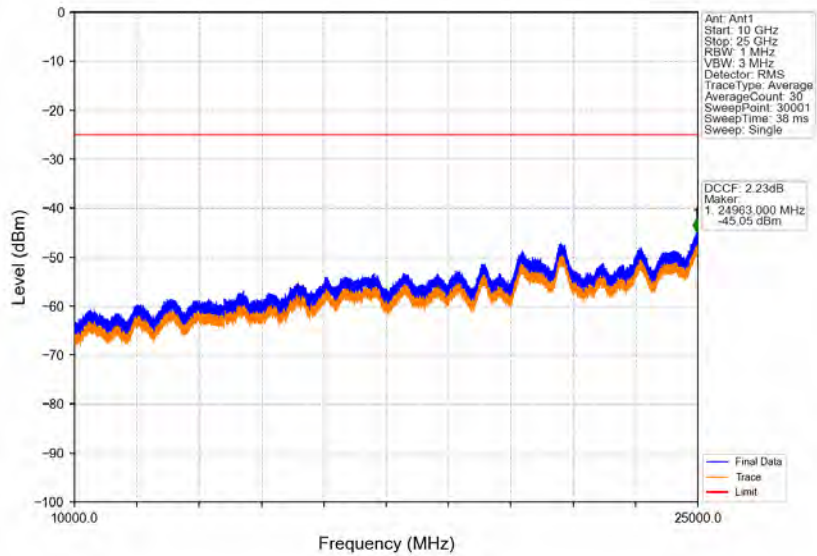
Band41_10MHz_64QAM_LCH_2501MHz_RB_1_0_NTNV



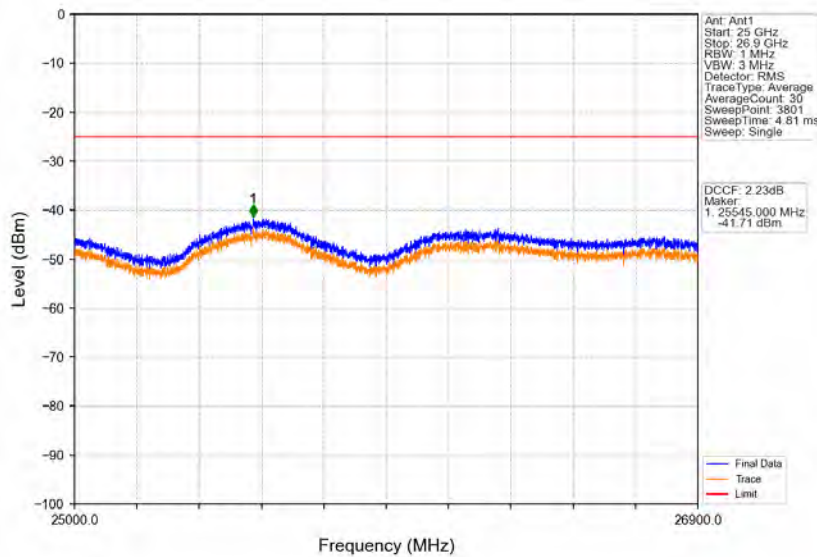
Band41_10MHz_64QAM_LCH_2501MHz_RB_1_0_NTNV



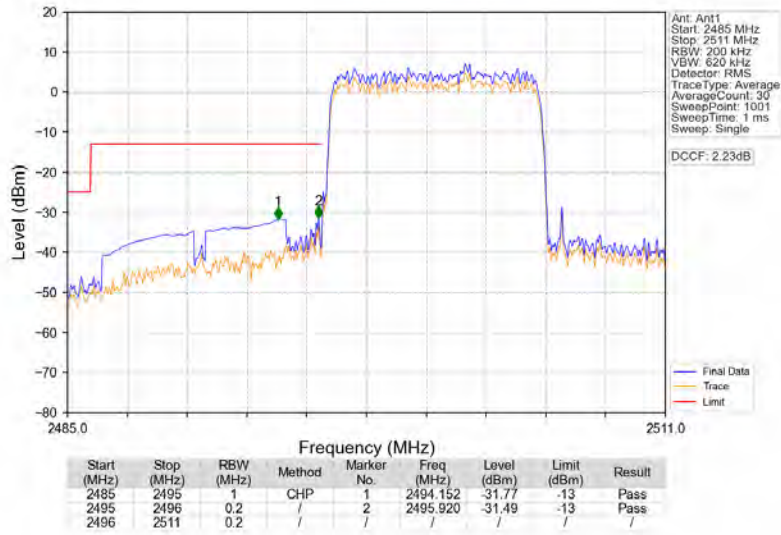
Band41_10MHz_64QAM_LCH_2501MHz_RB_1_0_NTNV



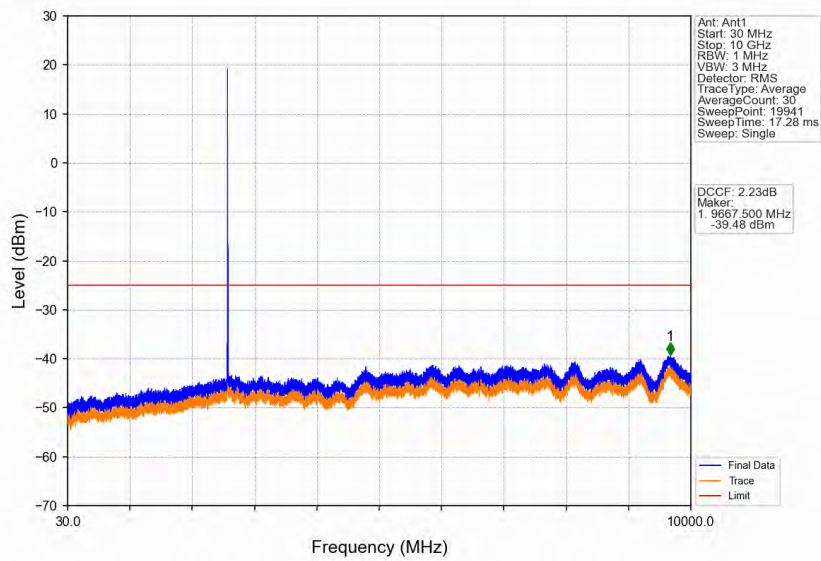
Band41_10MHz_64QAM_LCH_2501MHz_RB_1_0_NTNV



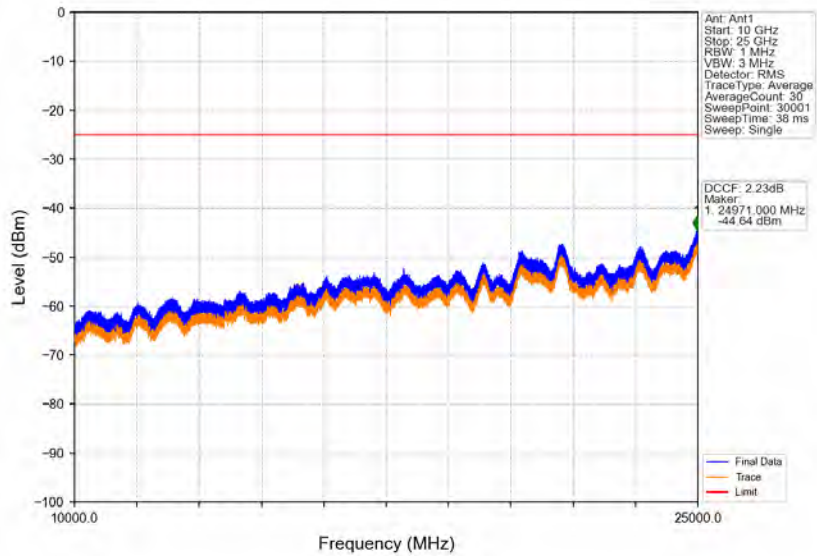
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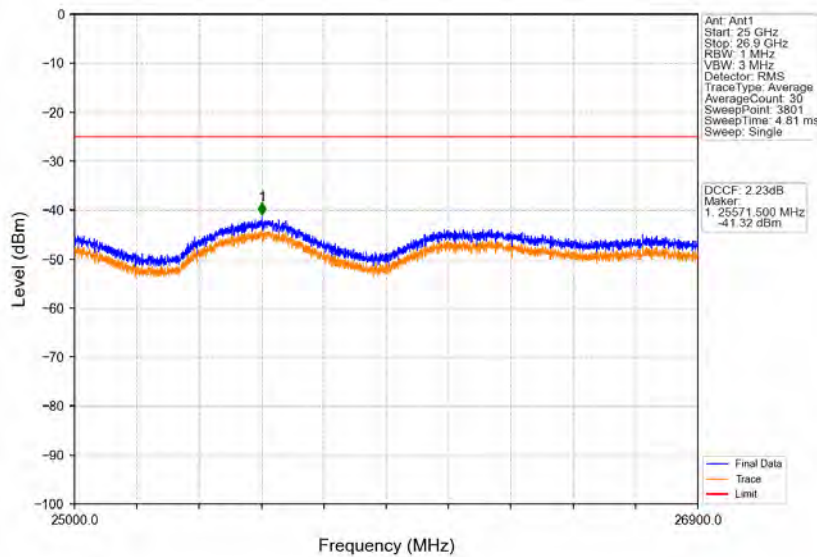
Band41_10MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



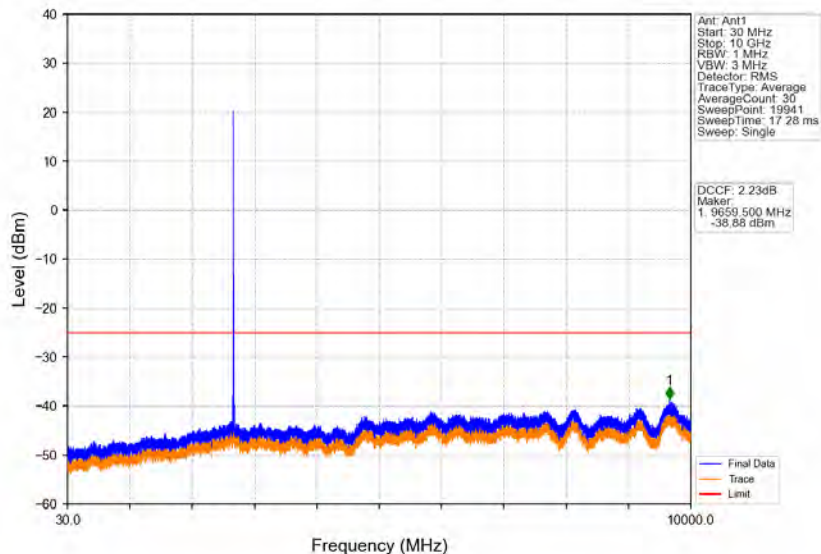
Band41_10MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



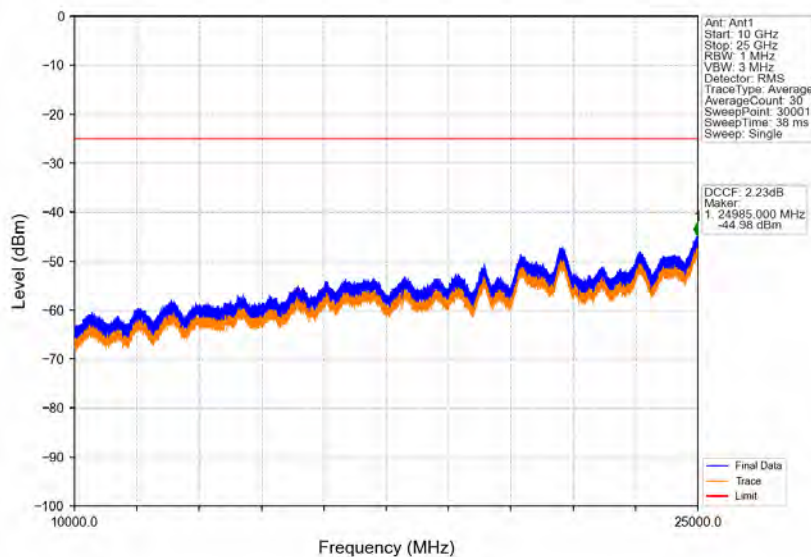
Band41_10MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



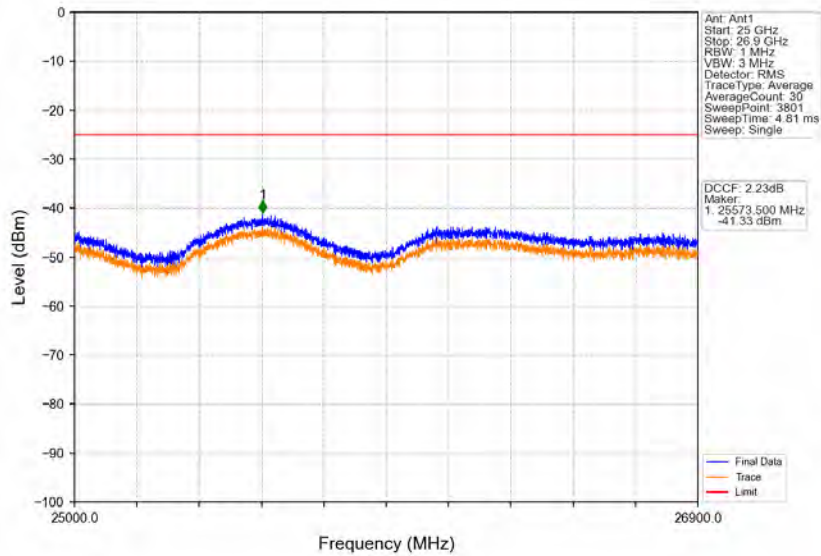
Band41_10MHz_64QAM_HCH_2685MHz_RB_1_0_NTNV



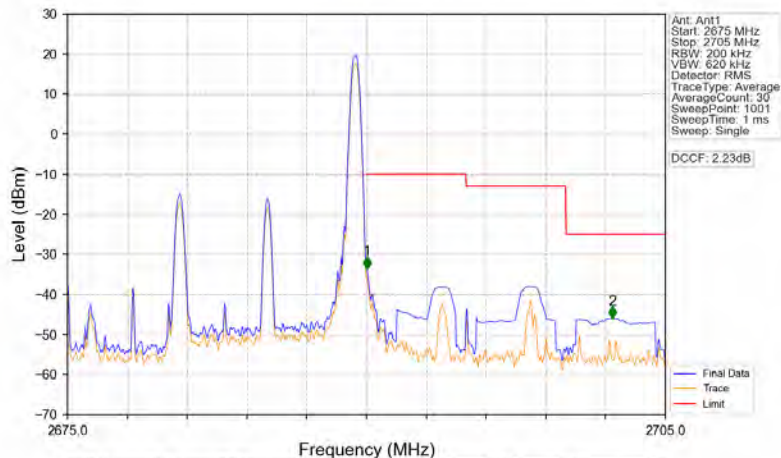
Band41_10MHz_64QAM_HCH_2685MHz_RB_1_0_NTNV



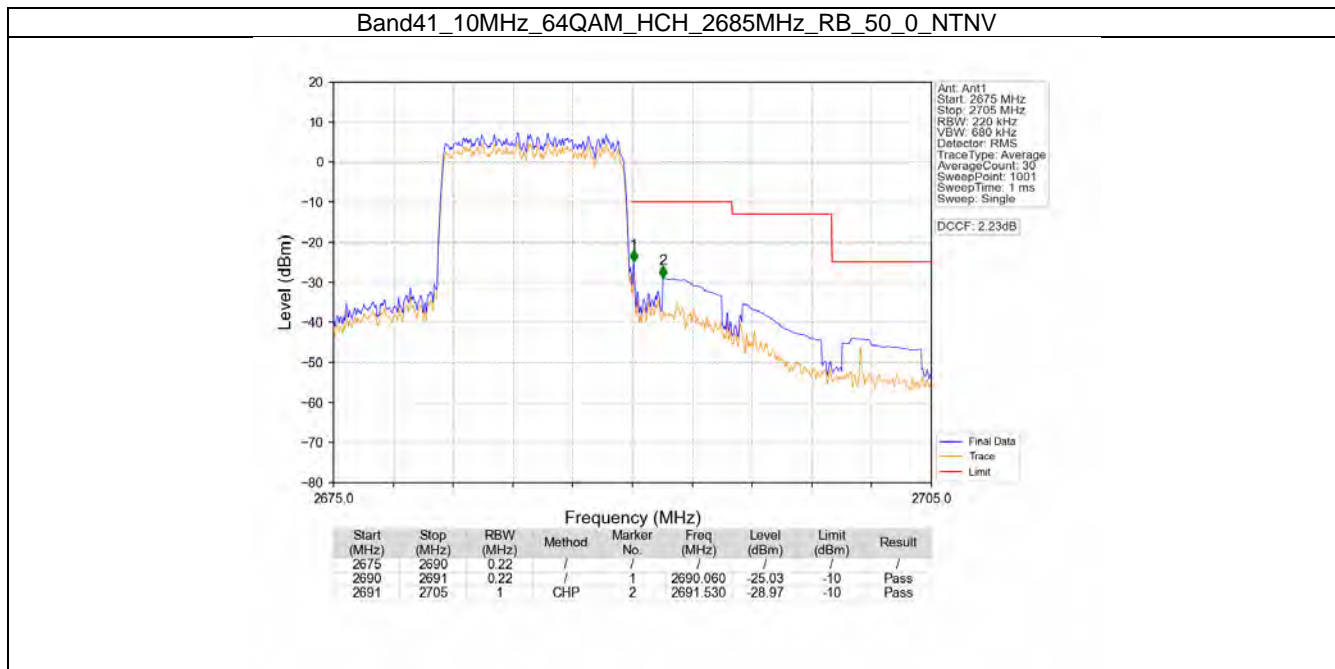
Band41_10MHz_64QAM_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_64QAM_HCH_2685MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	/	1	2690.030	-33.61	-10	Pass
2690	2691	0.2	/	1	2690.030	-33.61	-10	Pass
2691	2705	1	CHP	2	2702.330	-45.99	-25	Pass

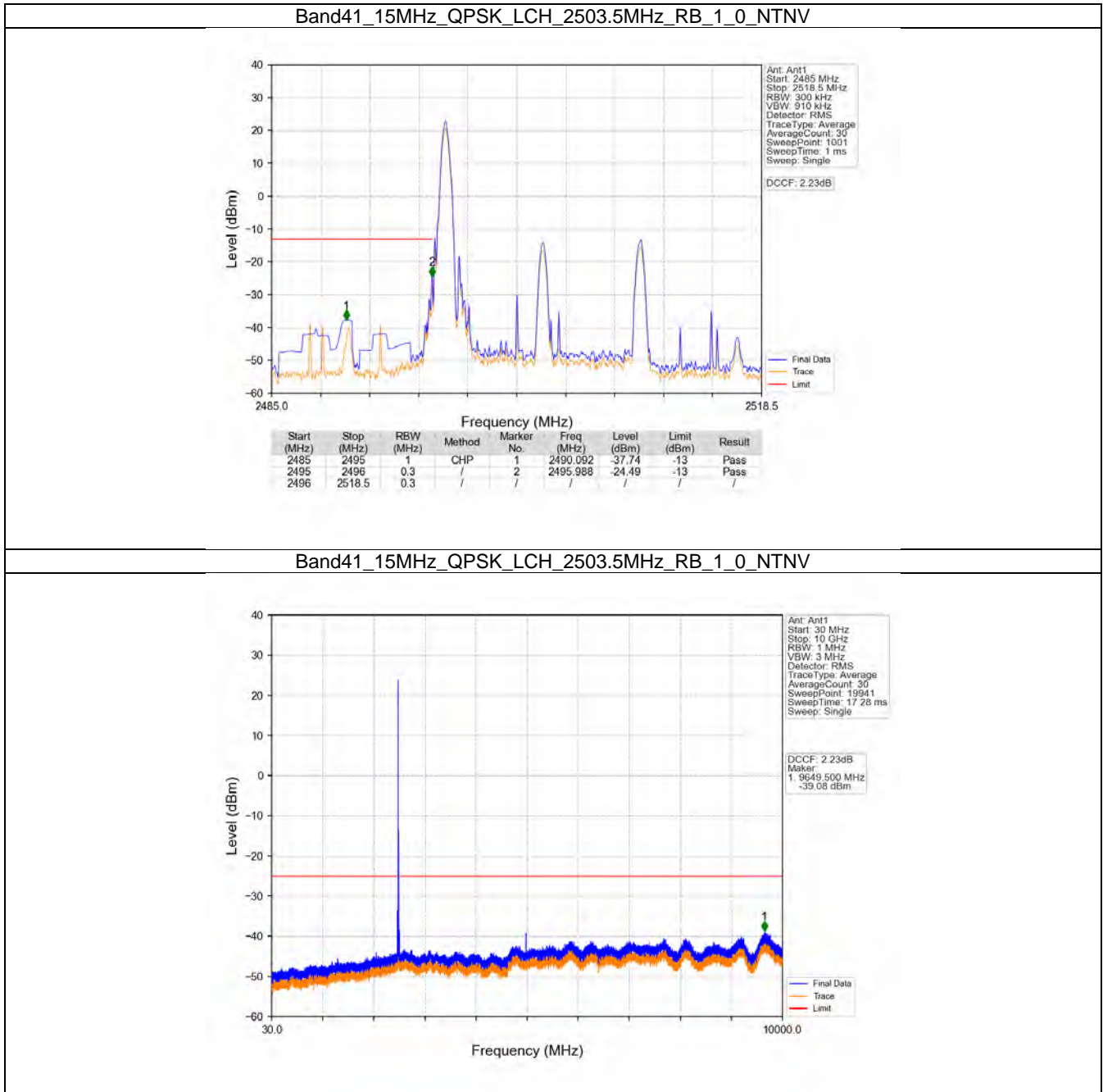


6.3 B41_15MHz

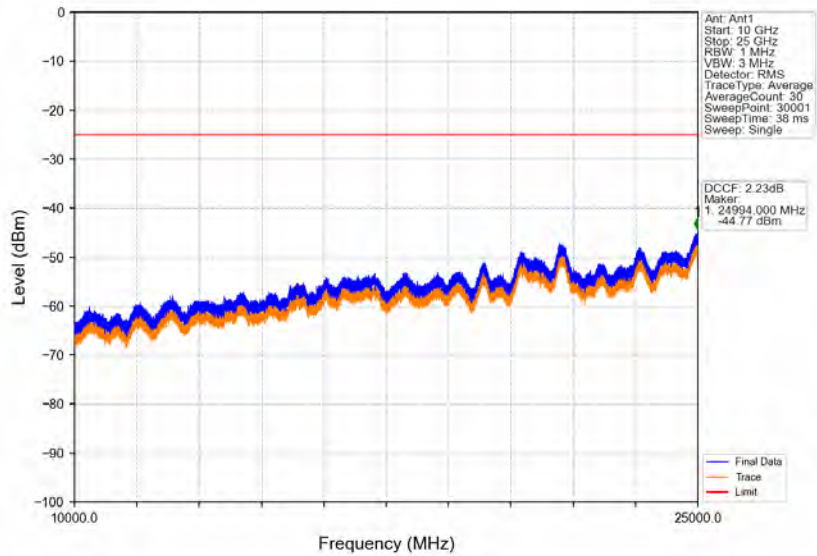
6.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
64QAM	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

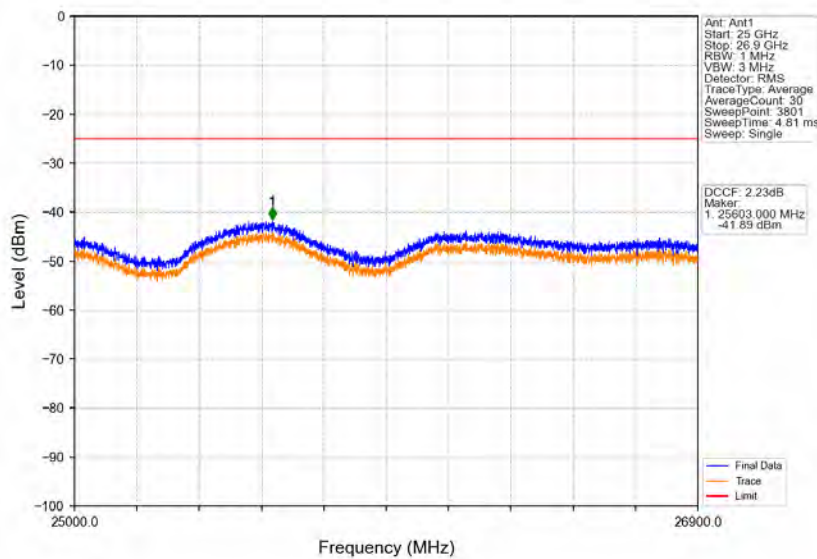
6.3.2 Test Graph



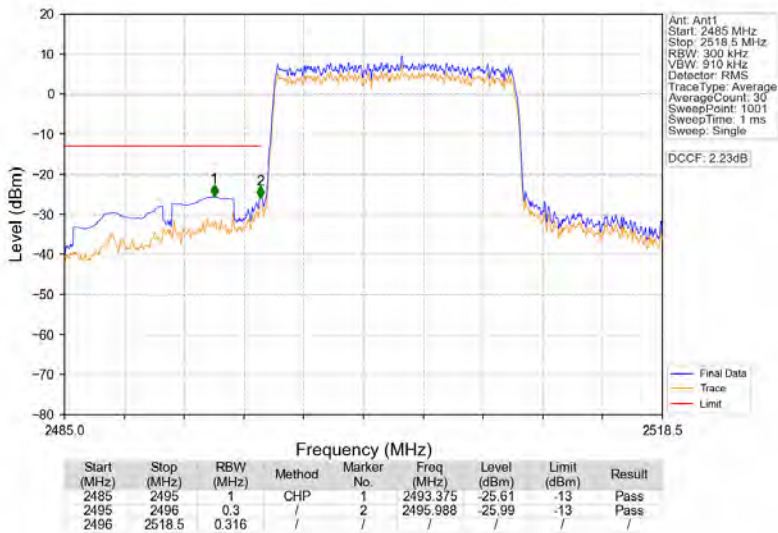
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



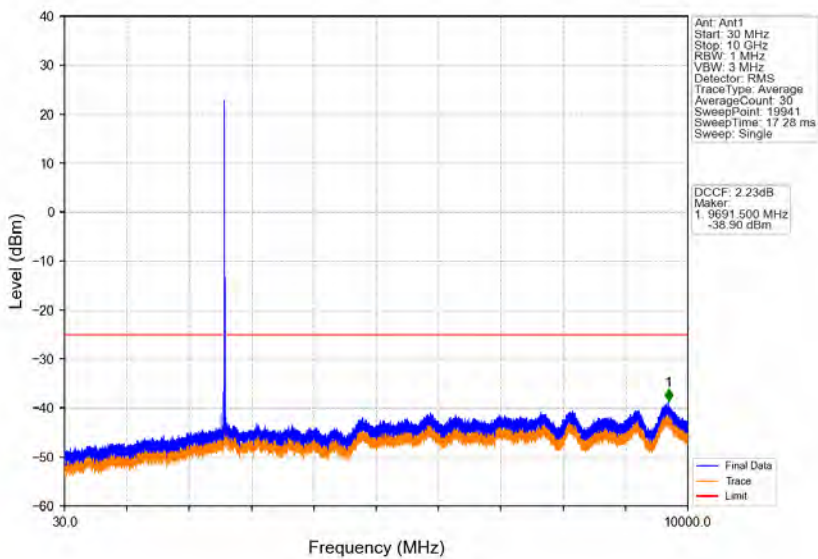
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



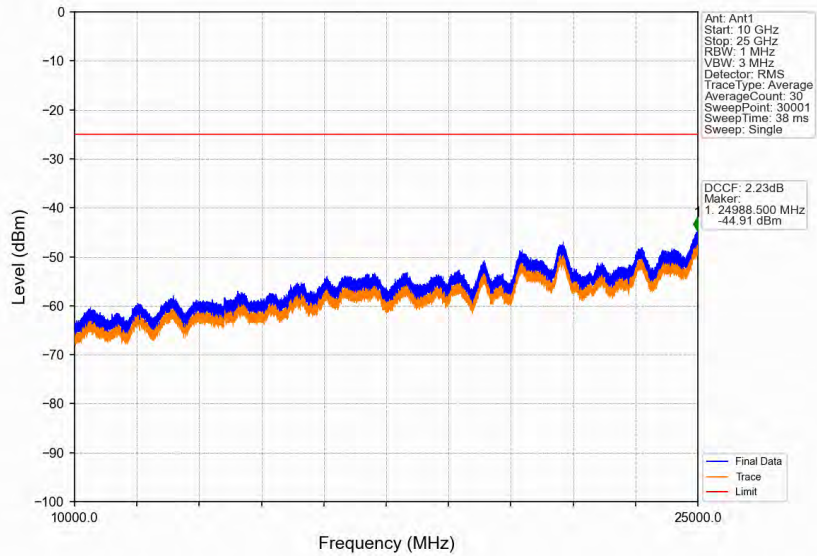
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



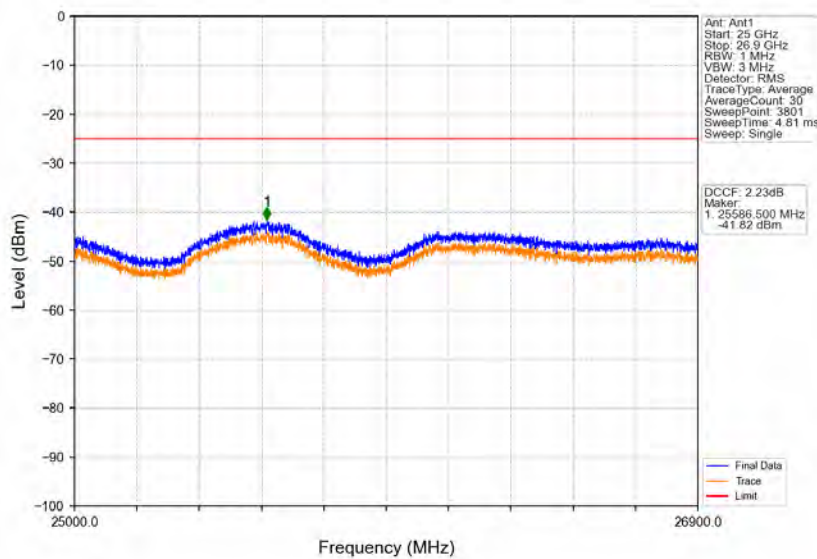
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



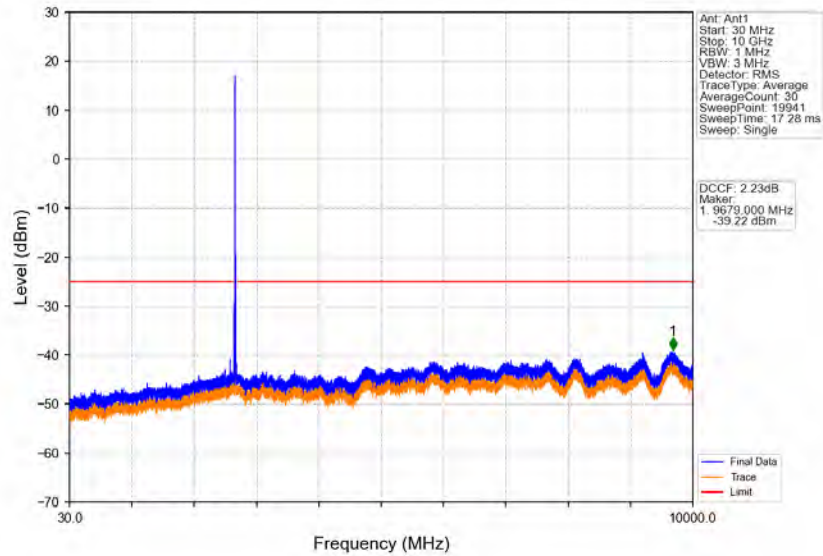
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



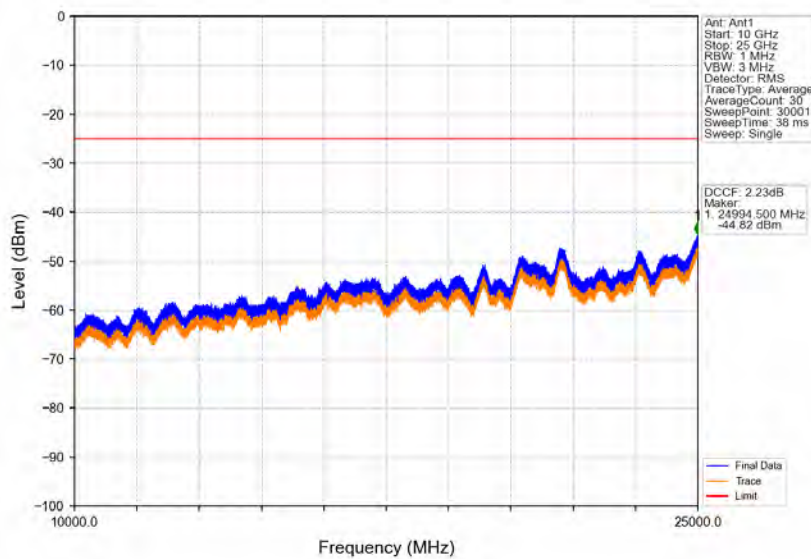
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



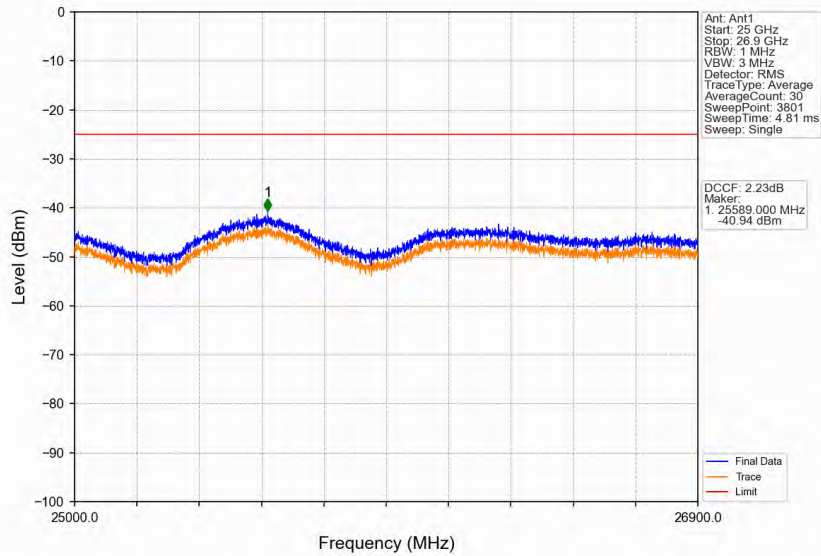
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



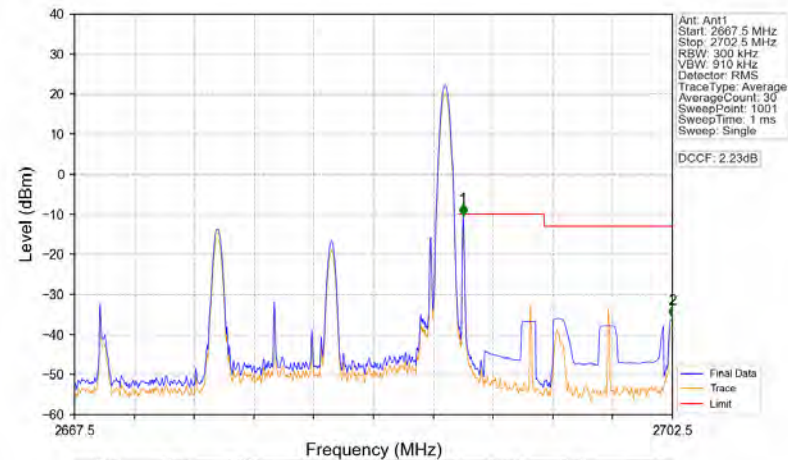
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

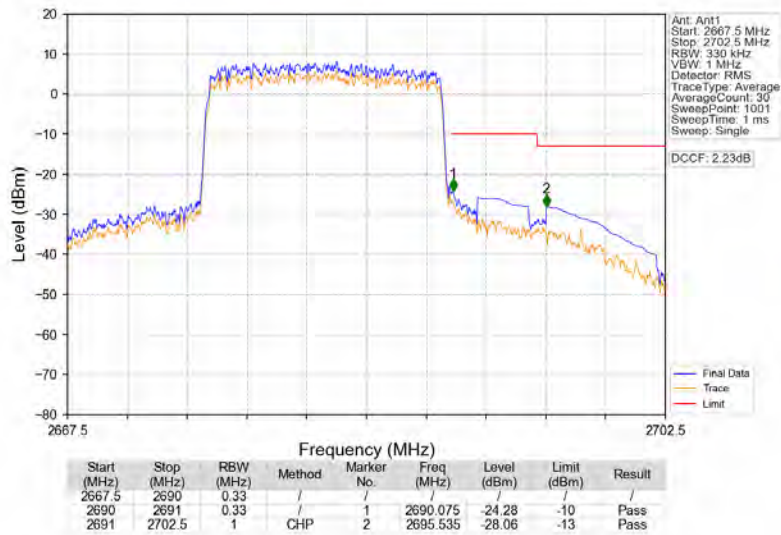


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV

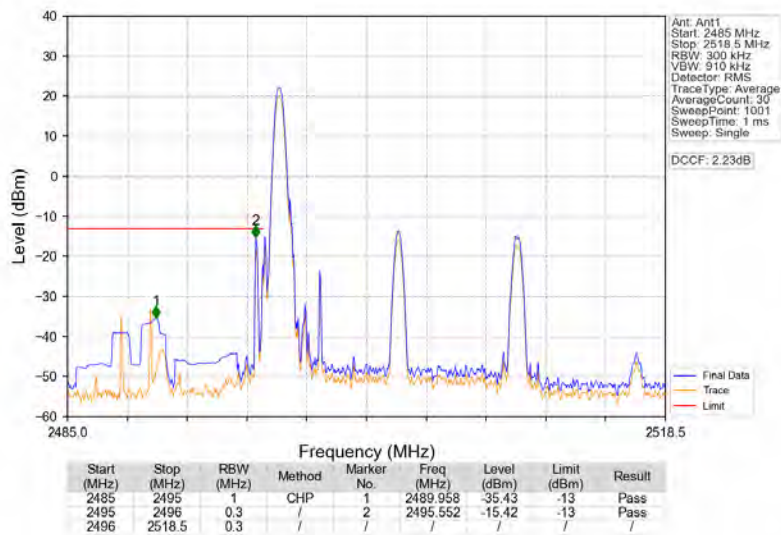


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	/	1	2690.250	-10.46	-10	Pass
2690	2702.5	1	CHP	2	2702.500	-35.82	-13	Pass

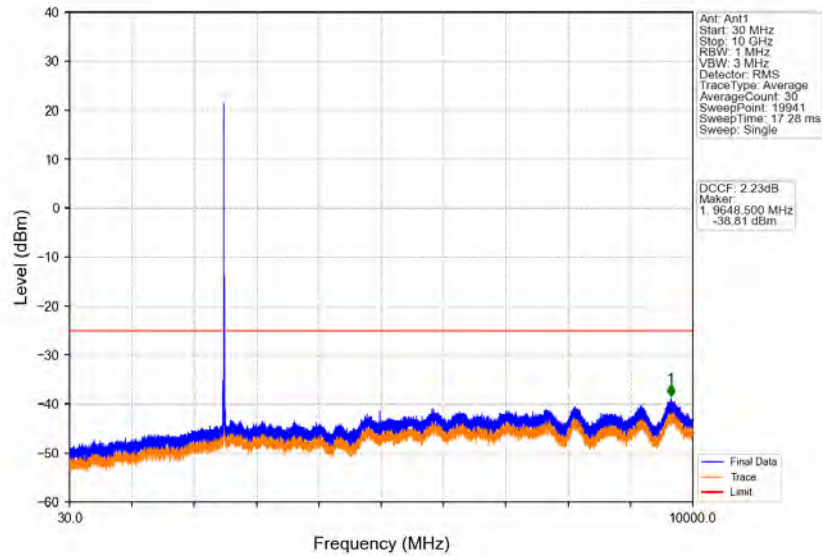
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



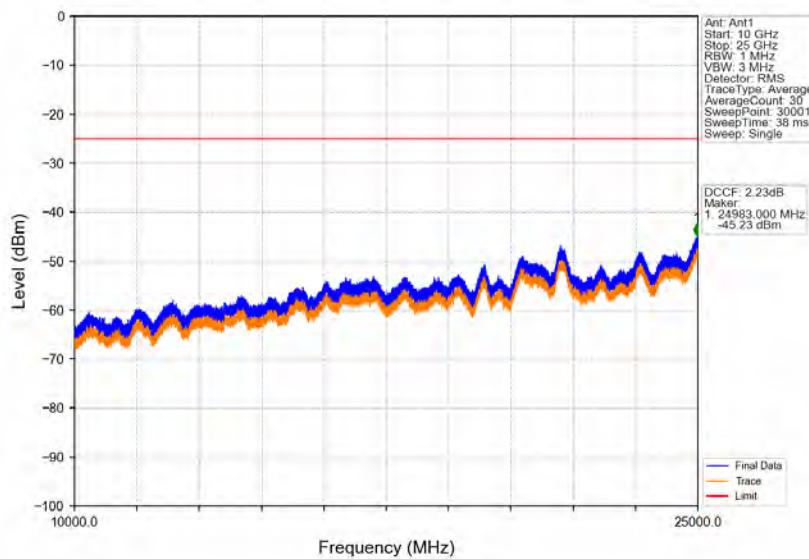
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



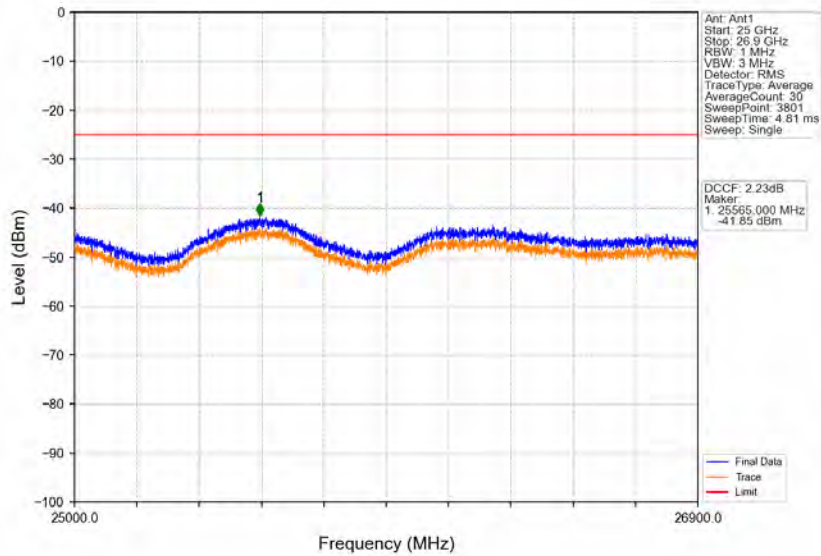
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



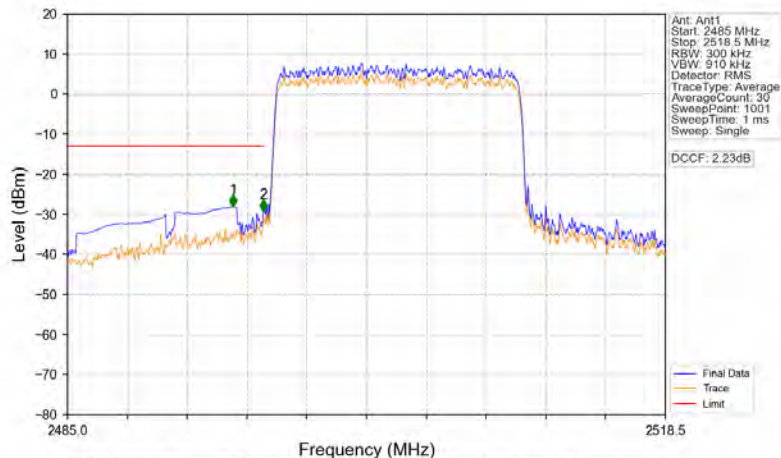
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV

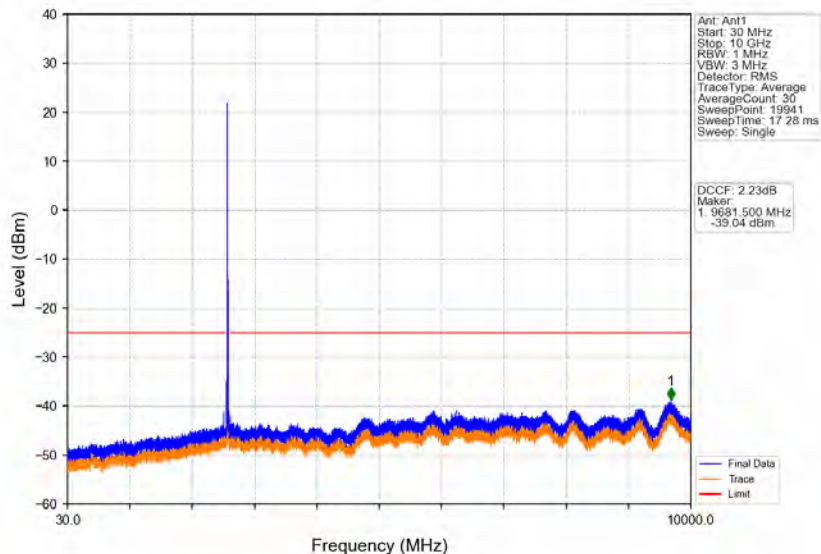


Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV

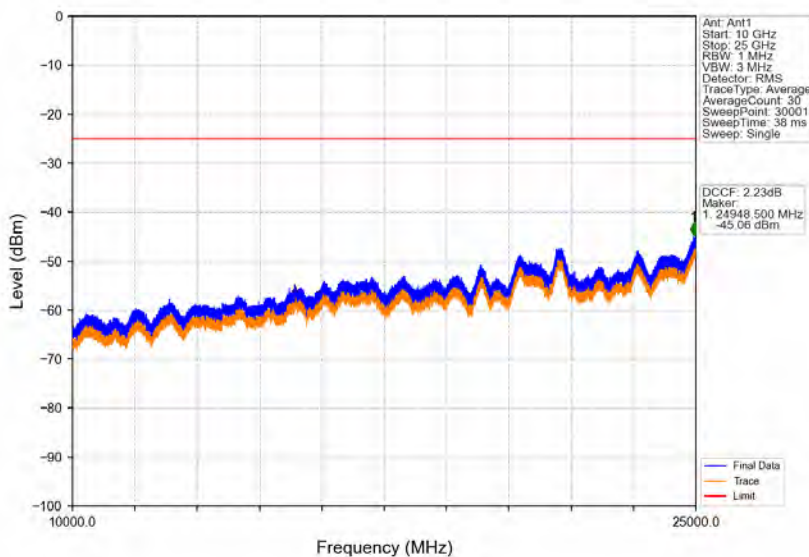


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.280	-28.19	-13	Pass
2495	2496	0.3	/	2	2495.988	-29.38	-13	Pass
2496	2518.5	0.3	/	/	/	/	/	/

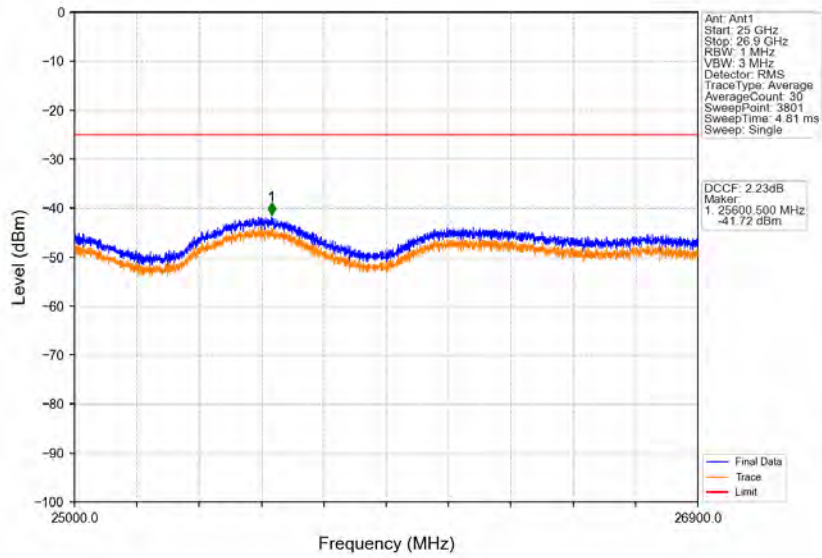
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



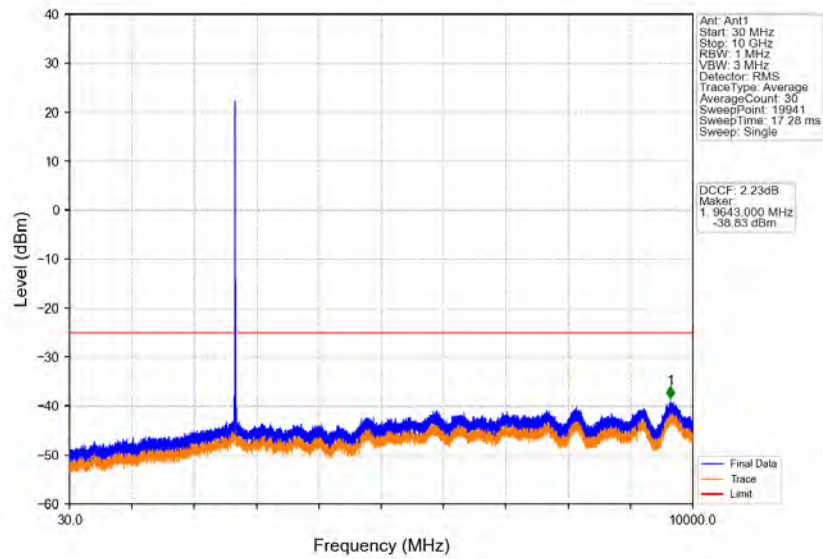
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



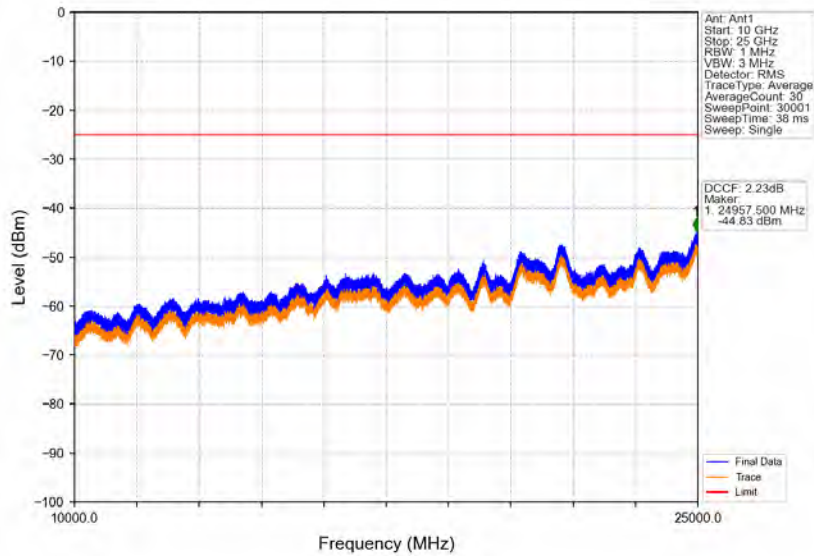
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



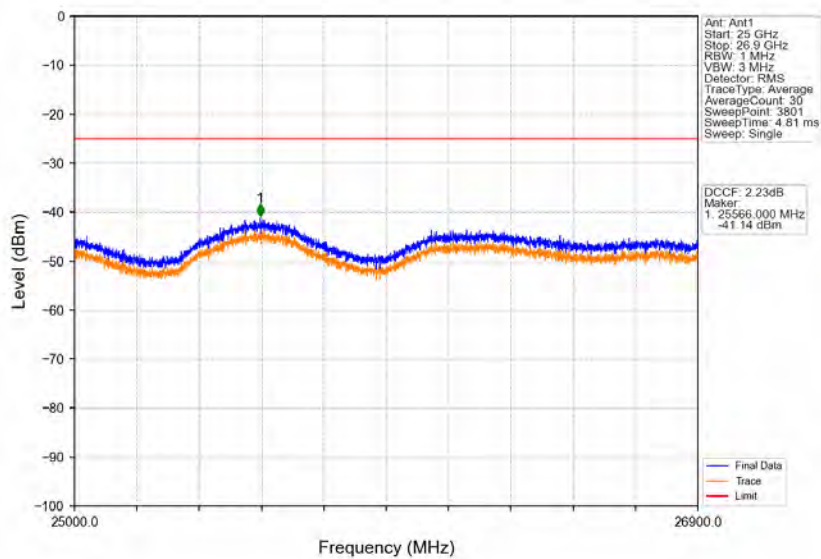
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



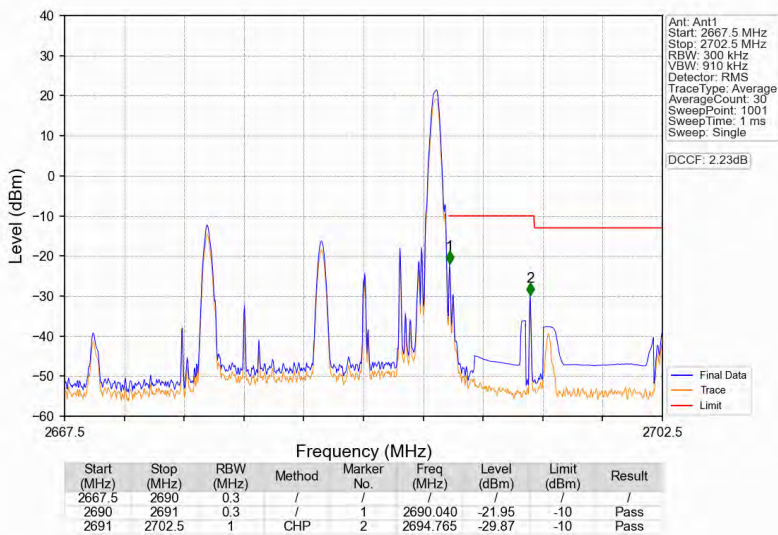
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



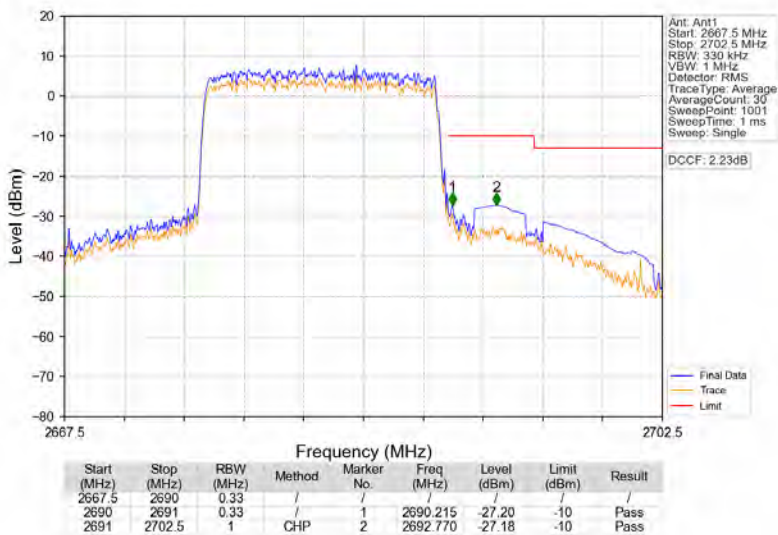
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



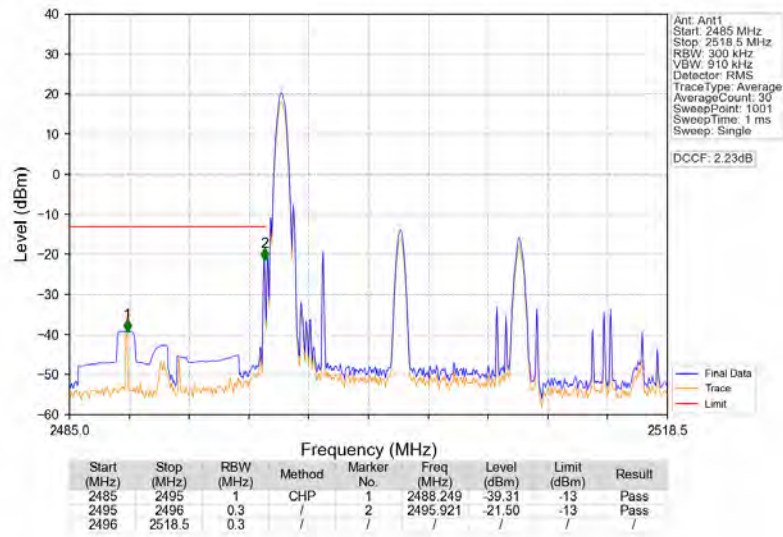
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_74_NTNV



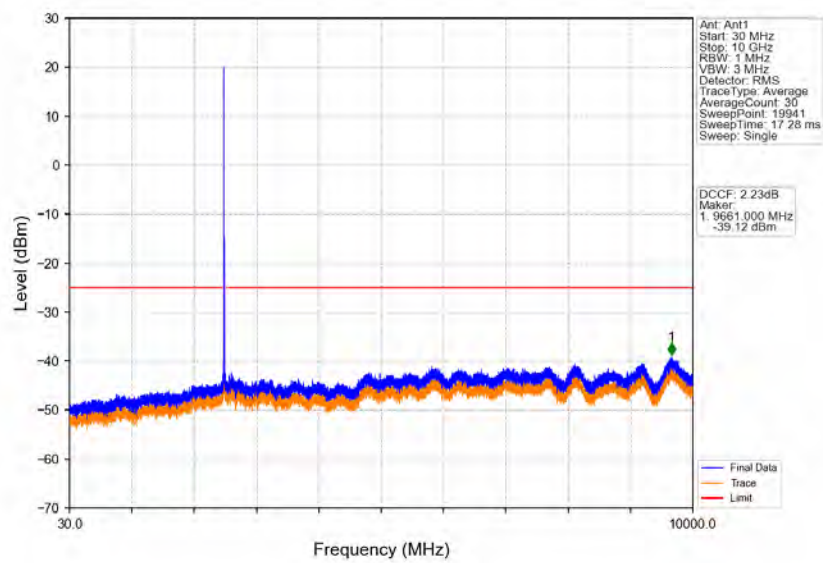
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



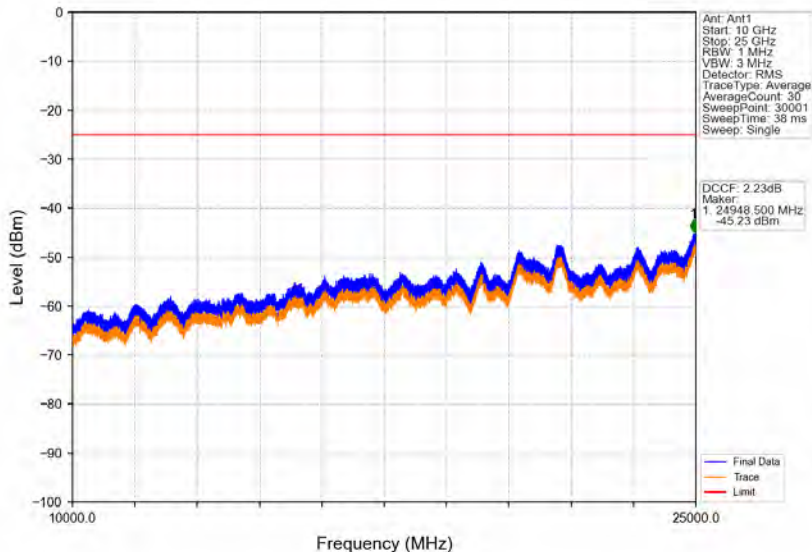
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_1_0_NTNV



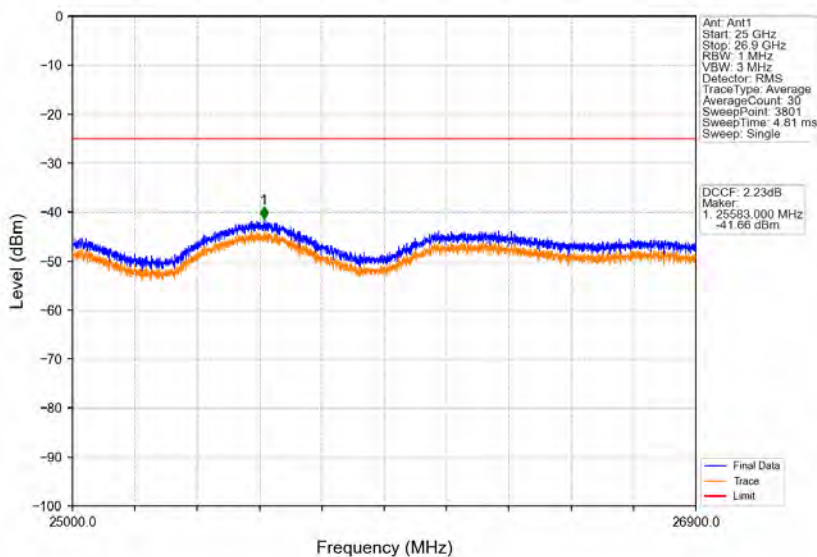
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_1_0_NTNV



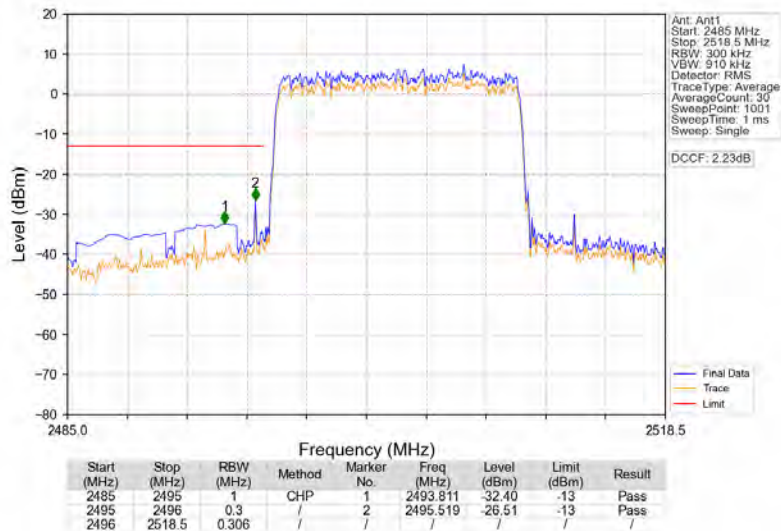
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_1_0_NTNV



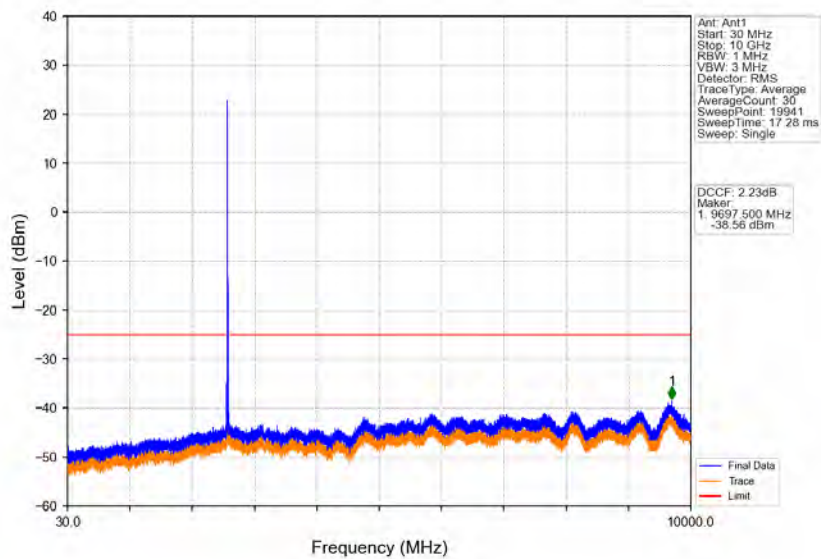
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_1_0_NTNV



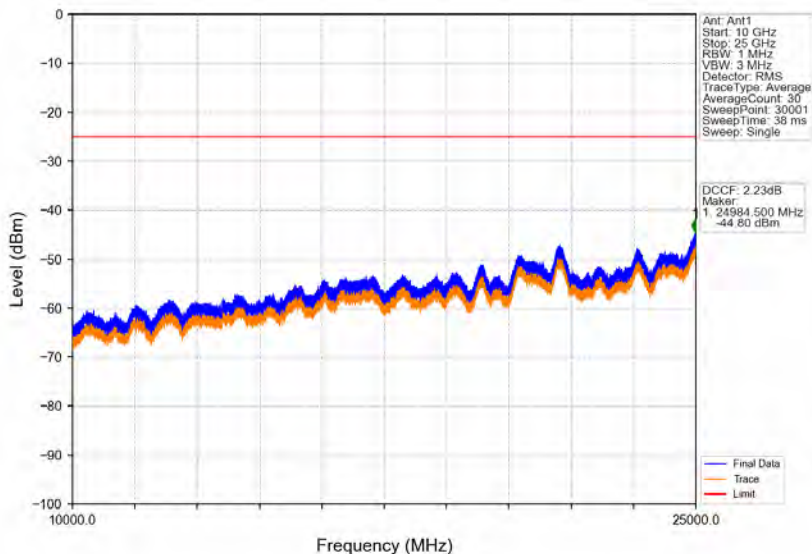
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



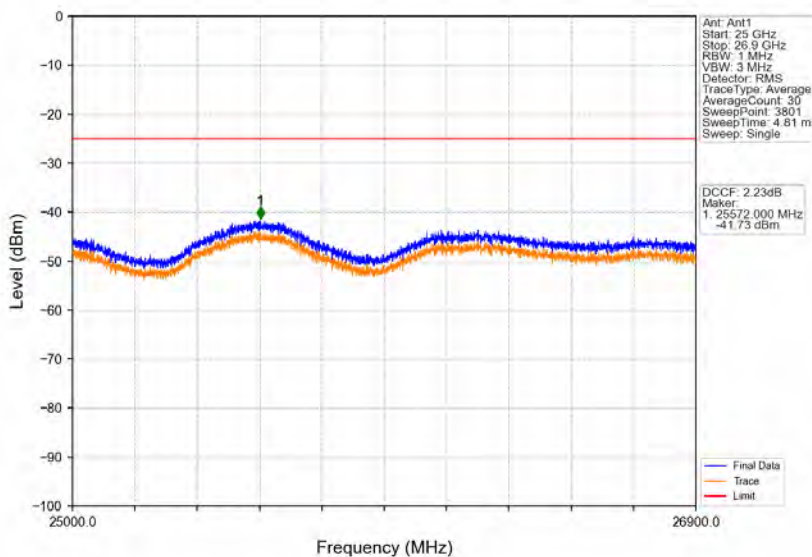
Band41_15MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



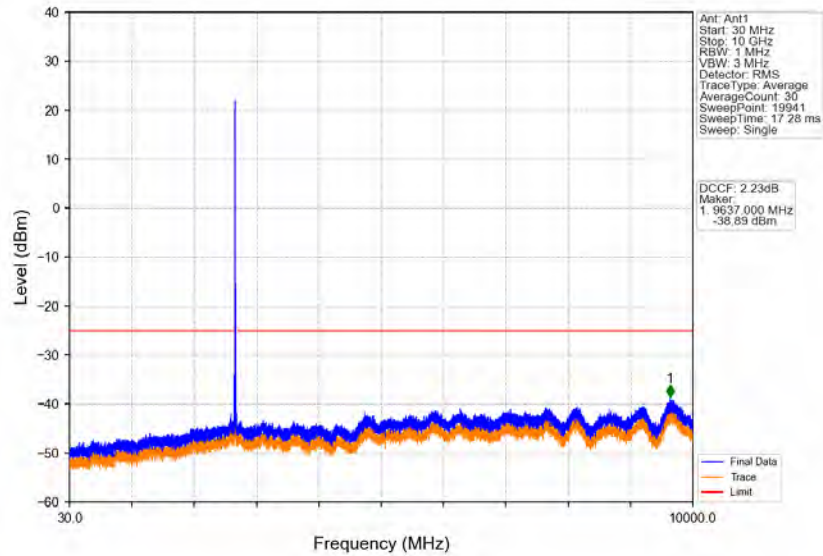
Band41_15MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



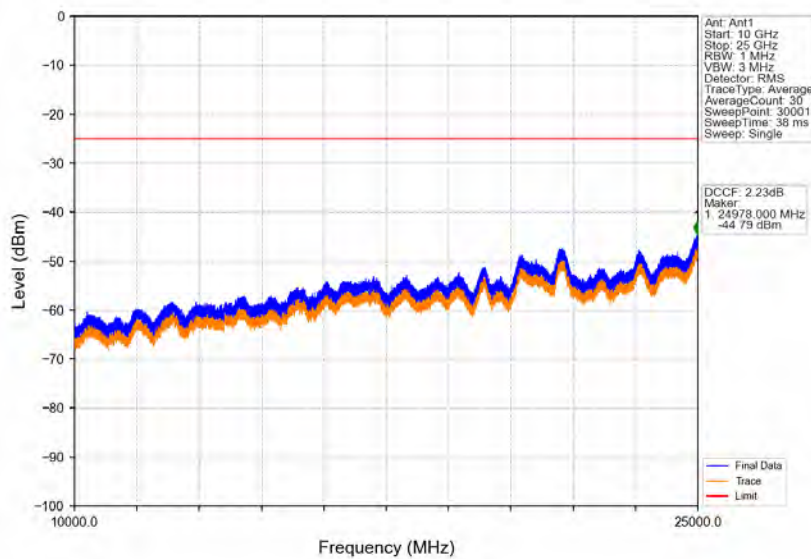
Band41_15MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



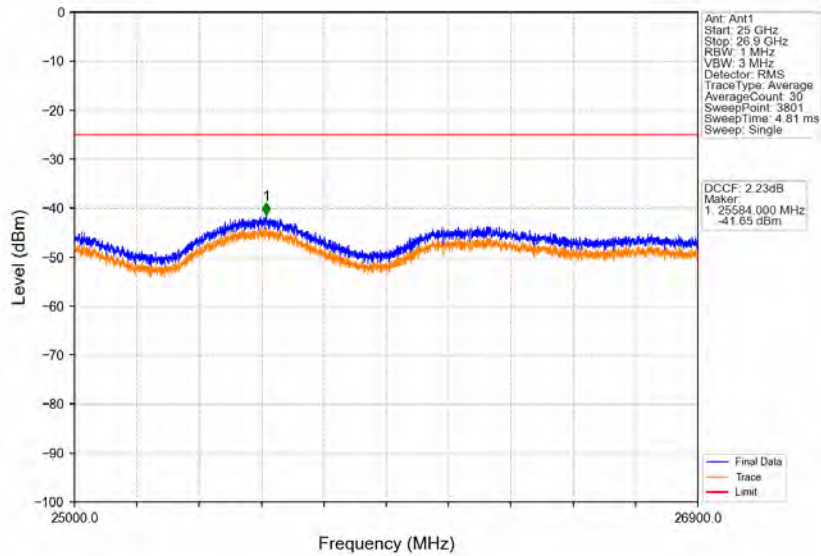
Band41_15MHz_64QAM_HCH_2682.5MHz_RB_1_0_NTNV



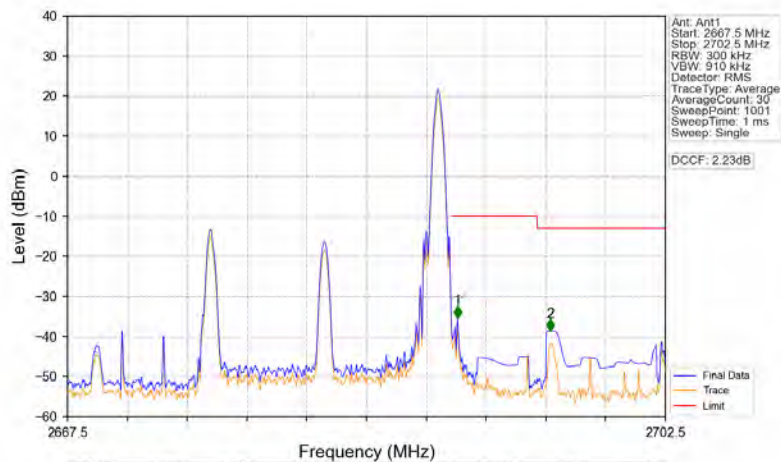
Band41_15MHz_64QAM_HCH_2682.5MHz_RB_1_0_NTNV



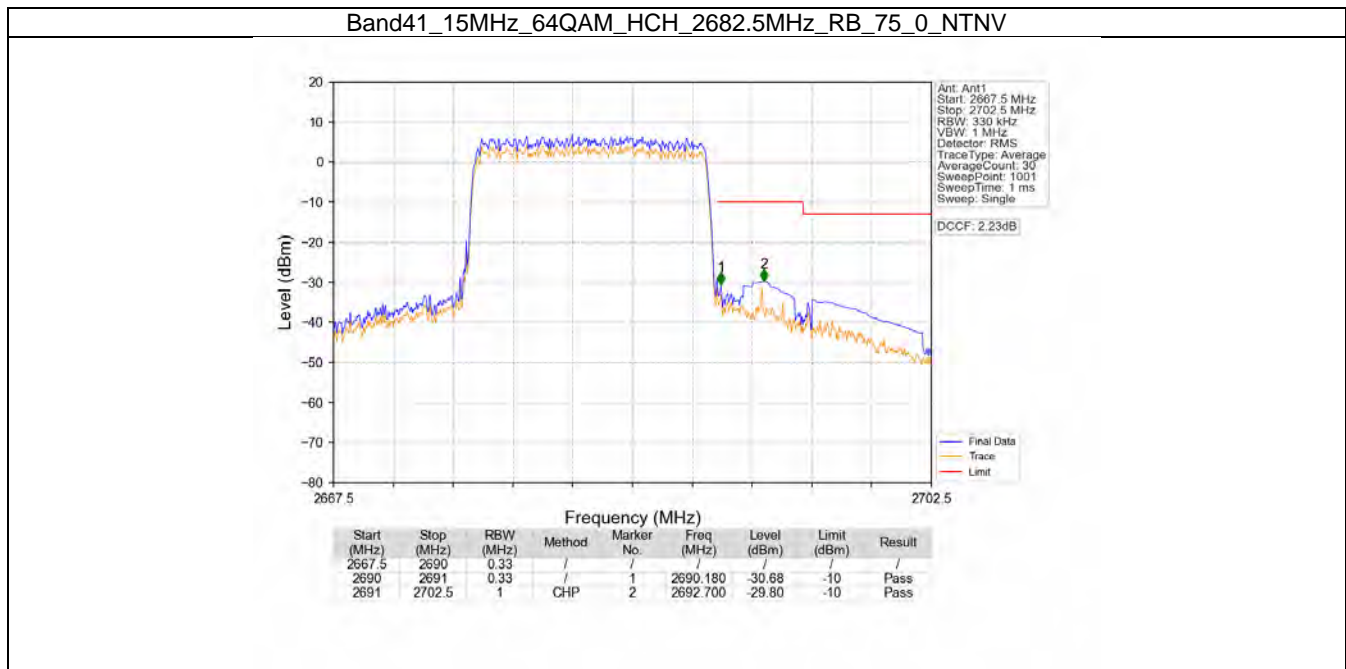
Band41_15MHz_64QAM_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_64QAM_HCH_2682.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	/	/	/	/	/	/
2690	2691	0.3	/	1	2690.320	-35.39	-10	Pass
2691	2702.5	1	CHP	2	2695.745	-38.66	-13	Pass

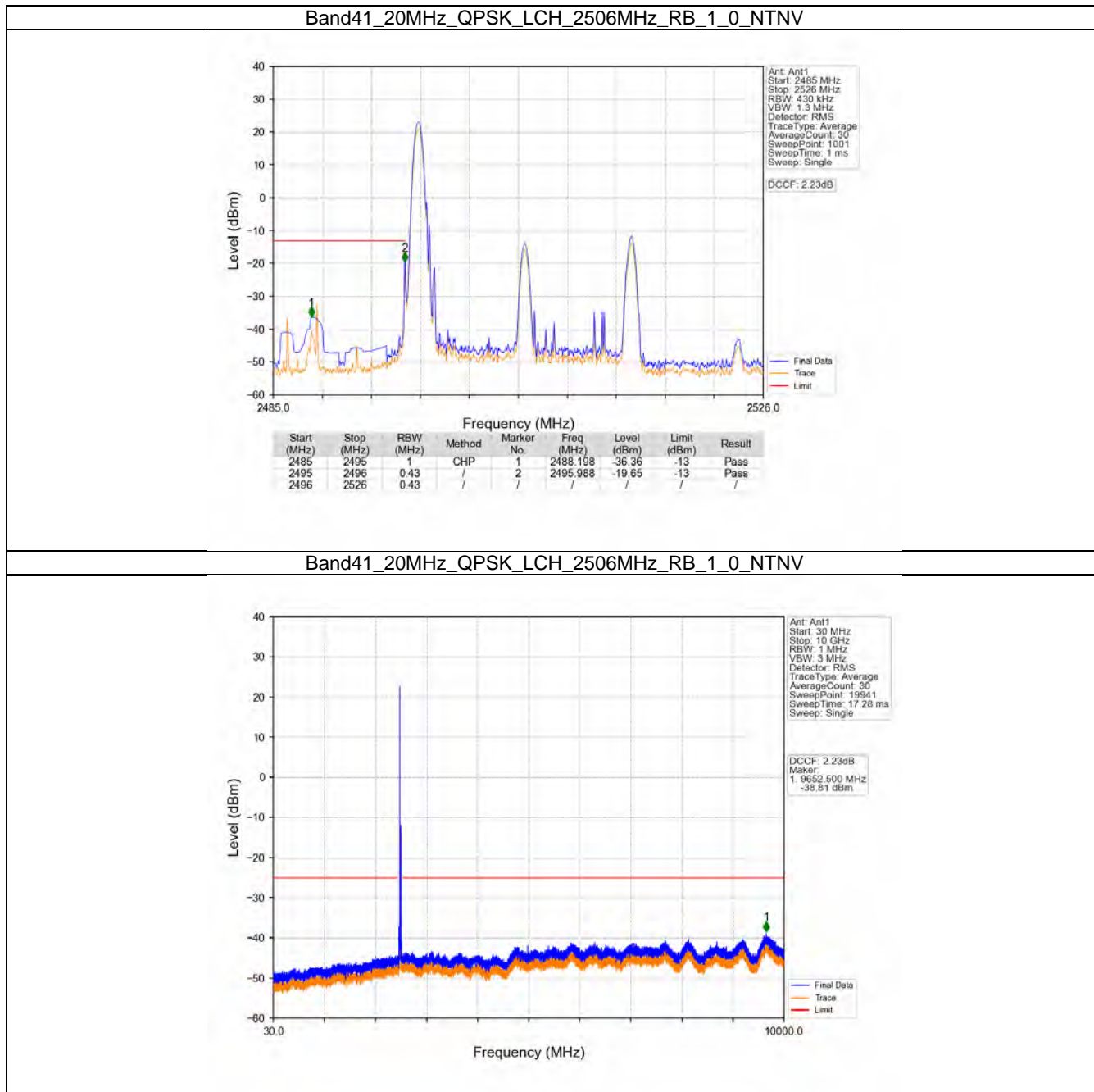


6.4 B41_20MHz

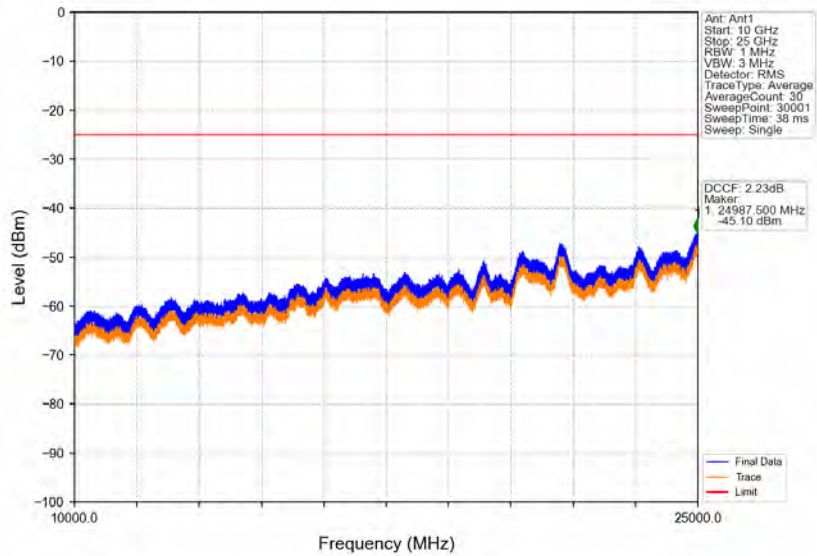
6.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
16QAM	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
64QAM	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
2680	1	0	Refer To Test Graph		Pass	
	100	0	Refer To Test Graph		Pass	

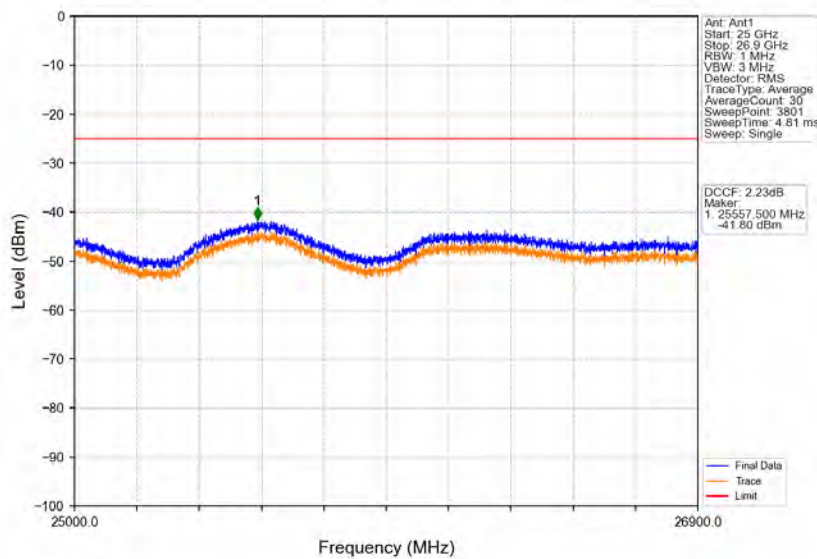
6.4.2 Test Graph



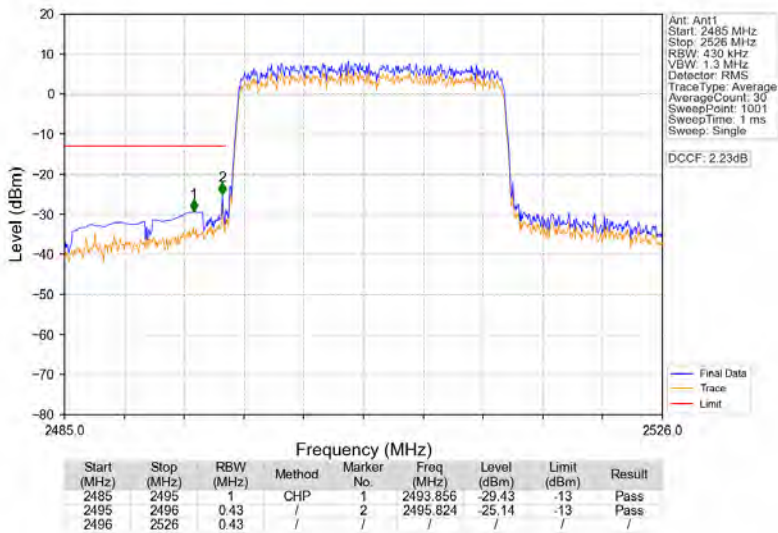
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



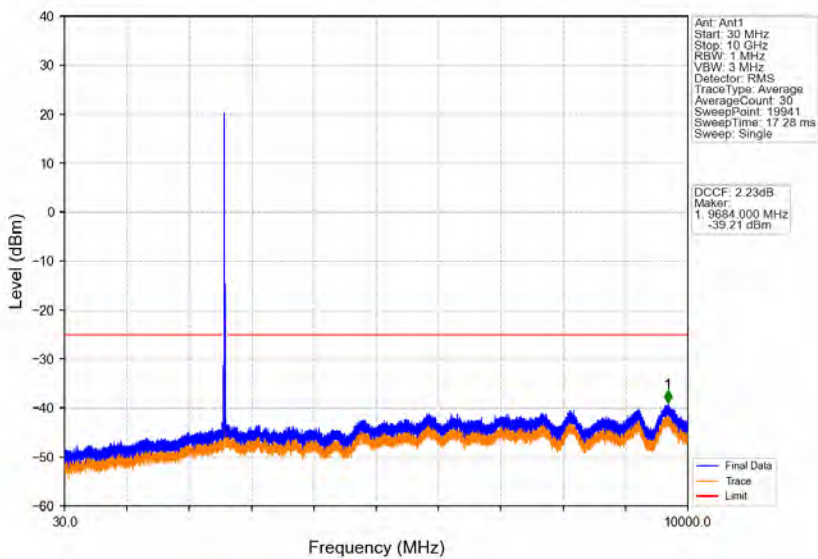
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



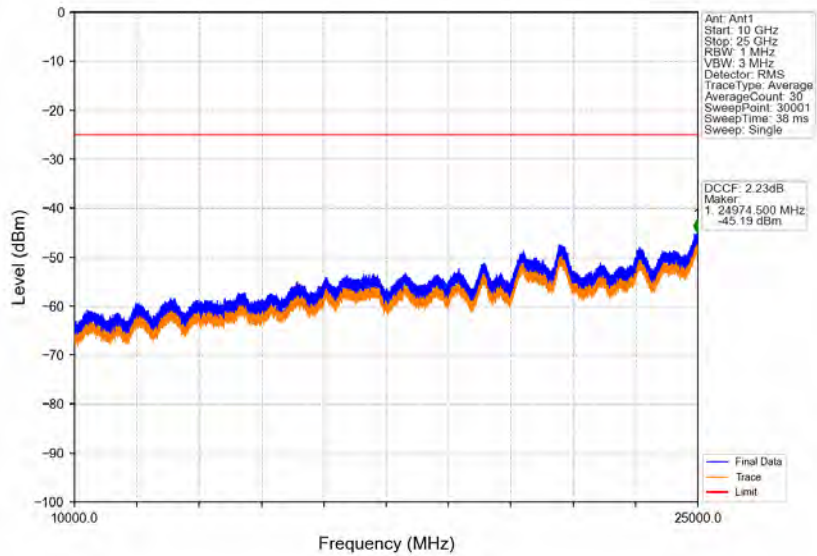
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



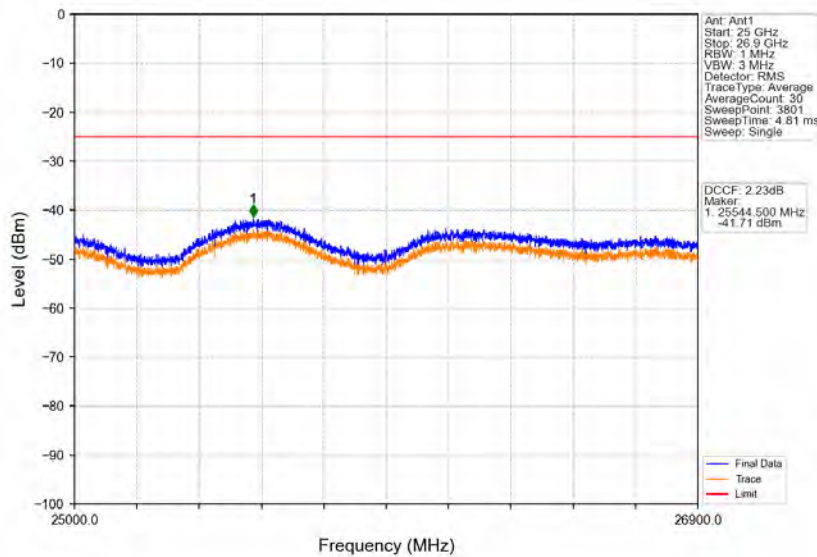
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



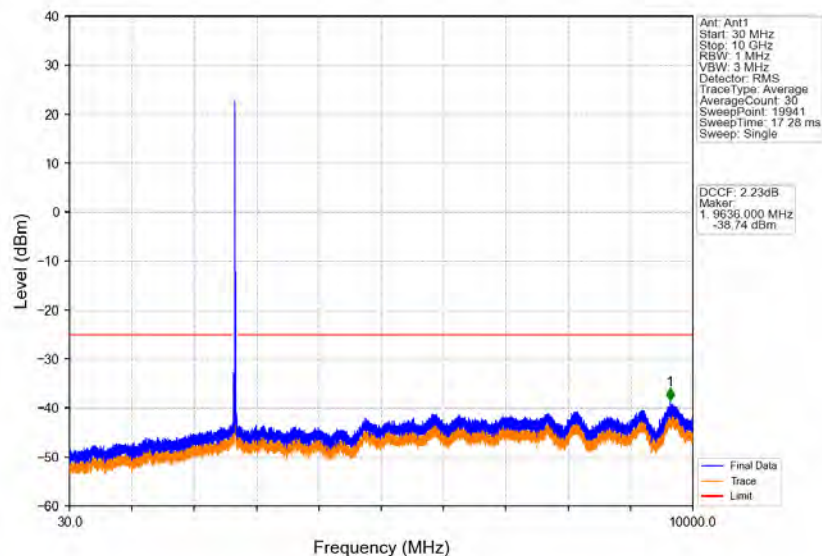
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



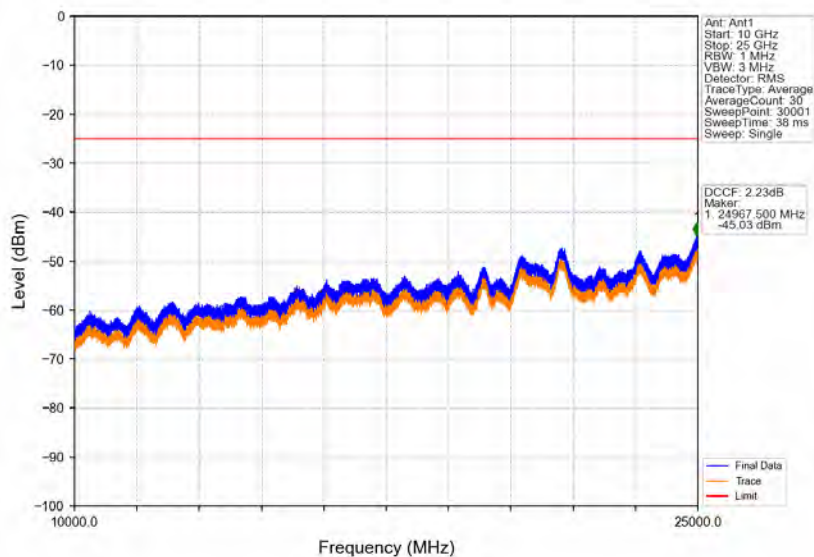
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



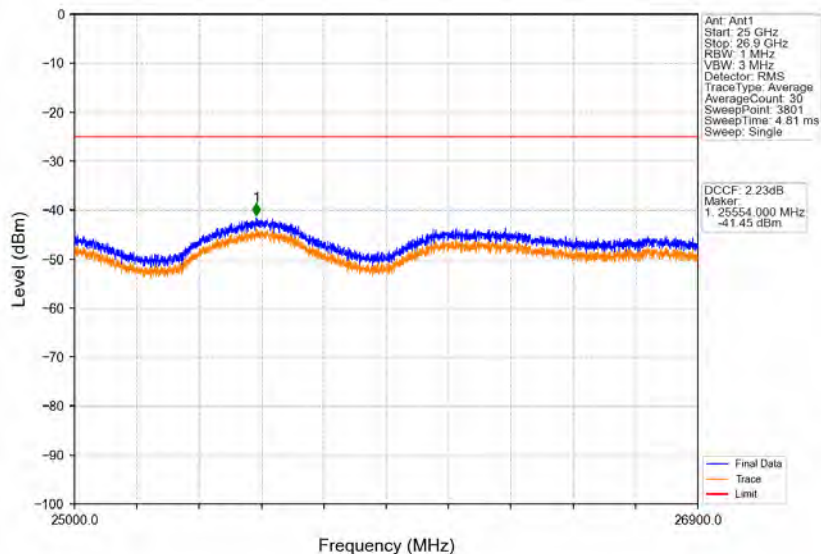
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



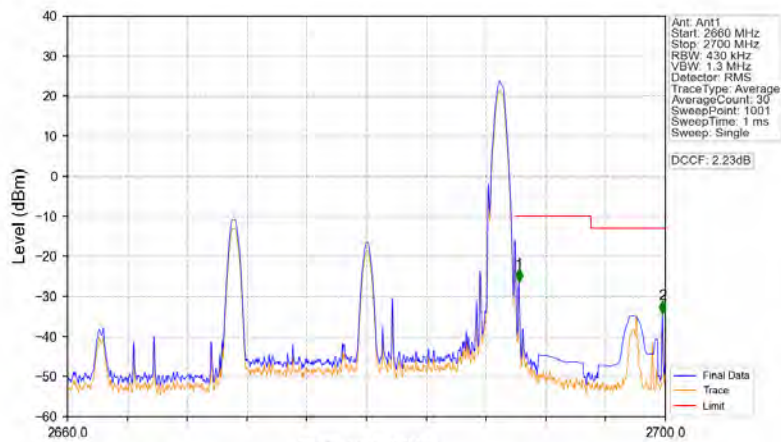
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

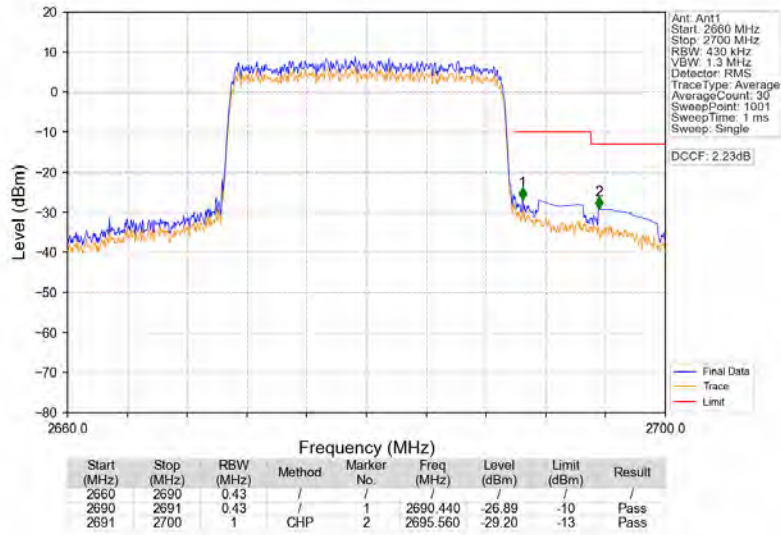


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV

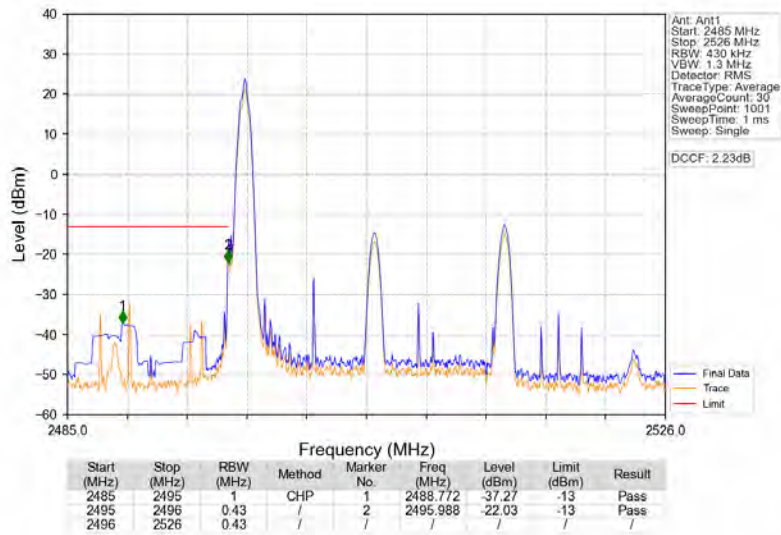


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	1	2690.200	-26.28	-10	Pass
2690	2691	0.43	/	1	2690.200	-26.28	-10	Pass
2691	2700	1	CHP	2	2699.800	-34.19	-13	Pass

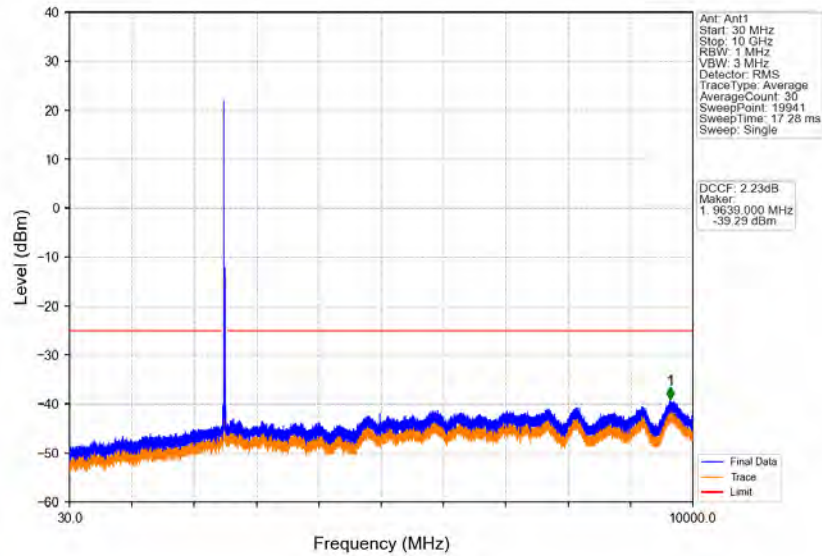
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



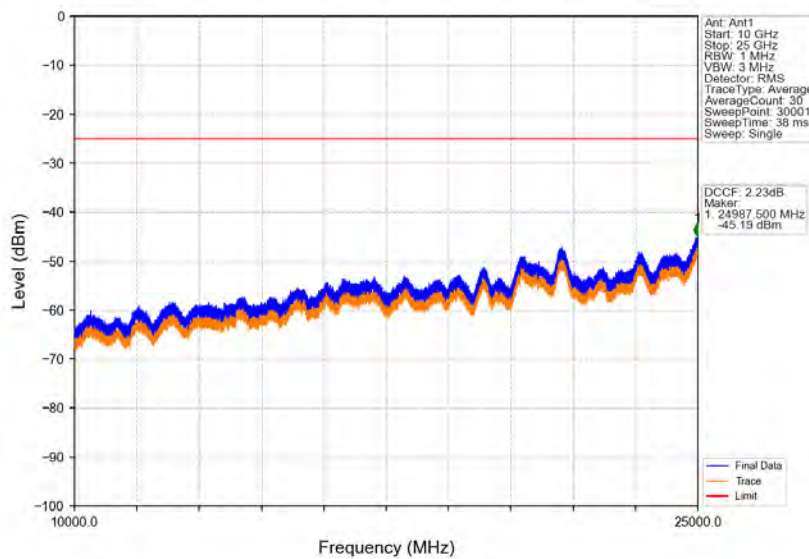
Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV



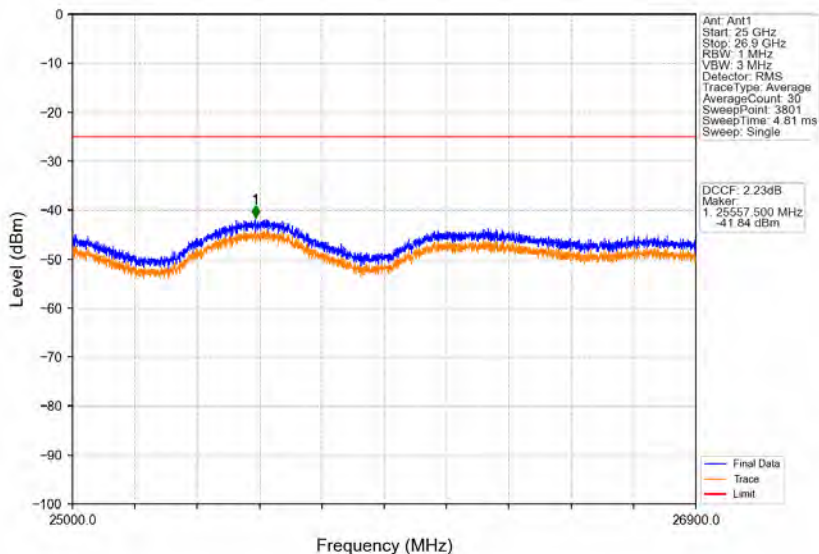
Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV



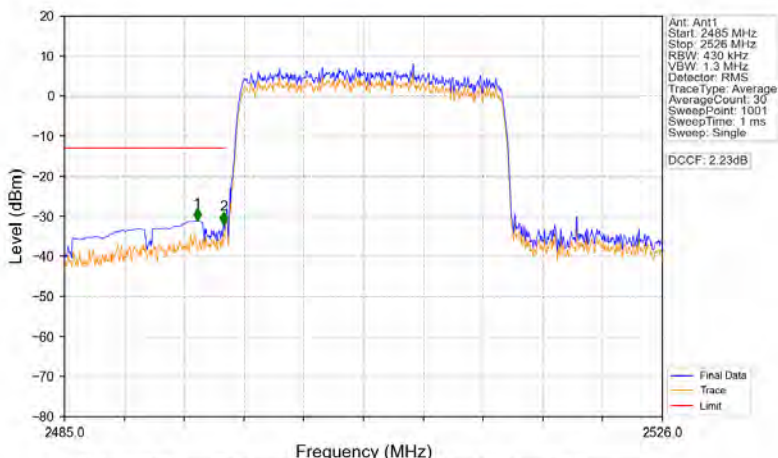
Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV

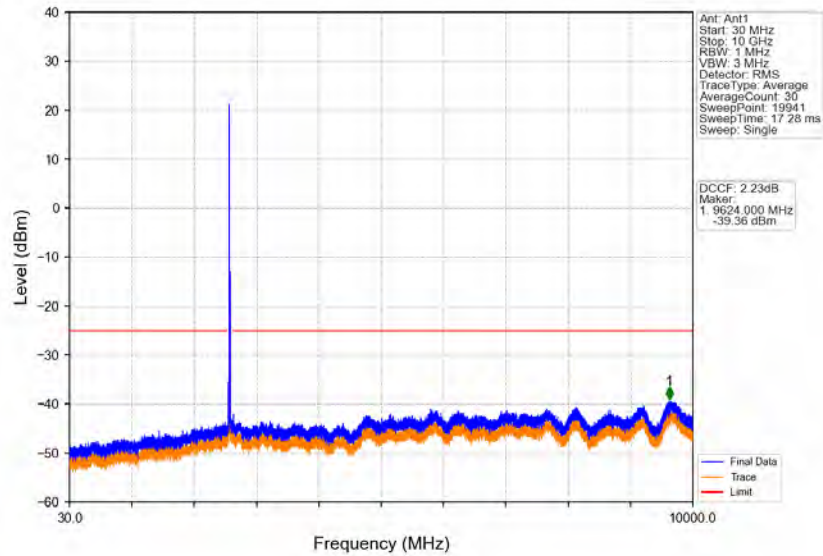


Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV

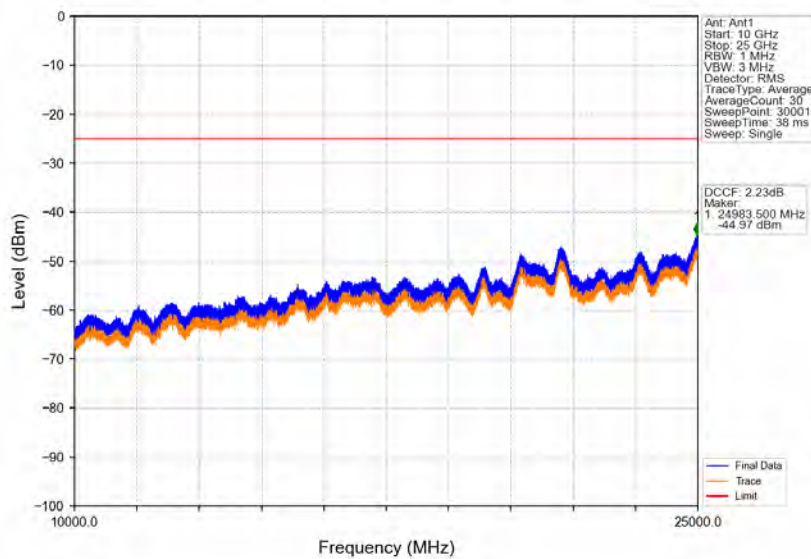


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.102	-31.19	-13	Pass
2495	2496	0.43	/	2	2495.906	-31.96	-13	Pass
2496	2526	0.43	/	/	/	/	/	/

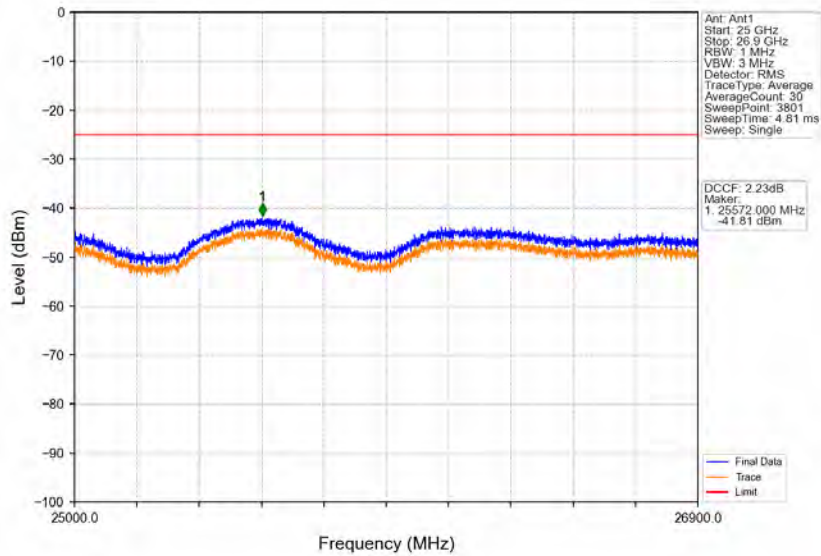
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



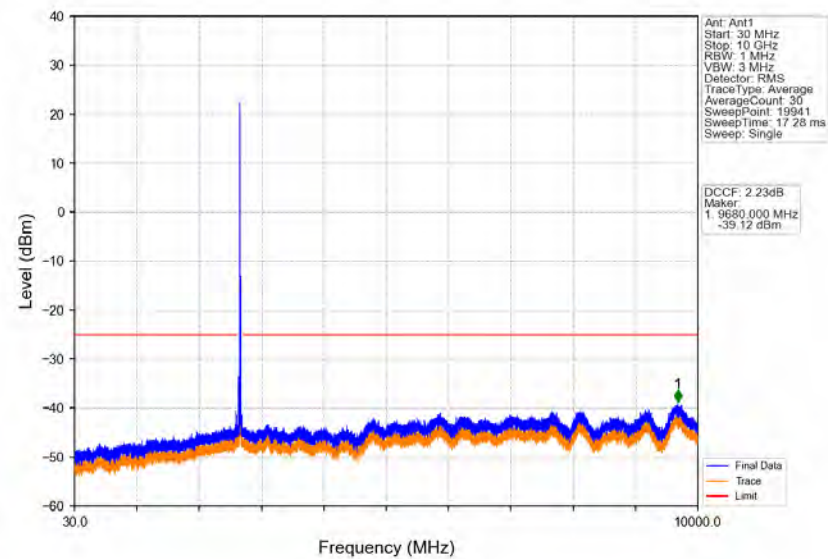
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



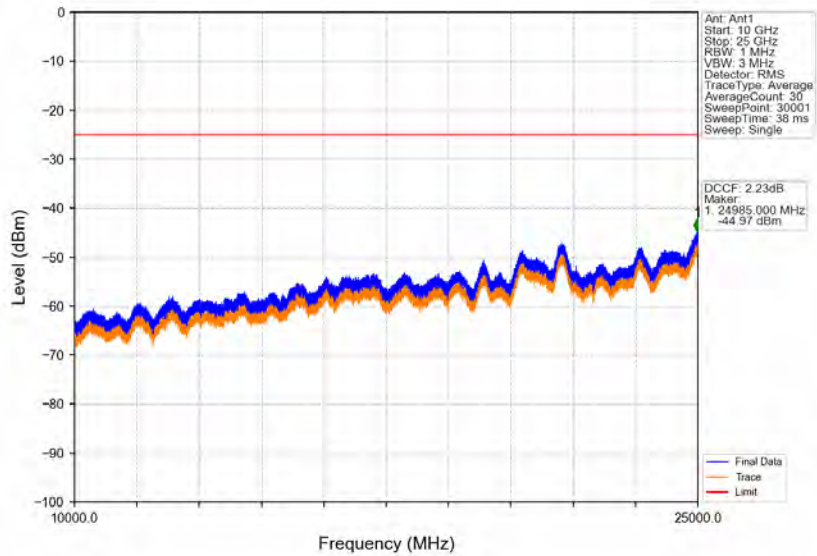
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



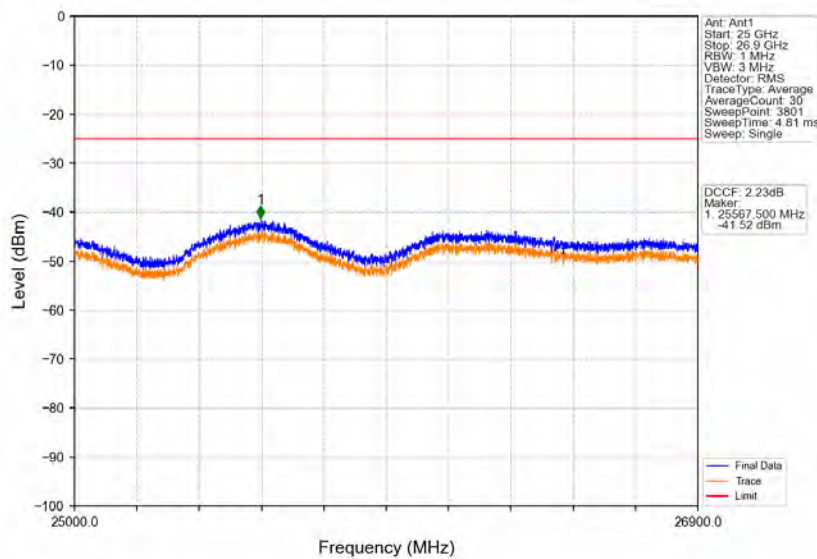
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



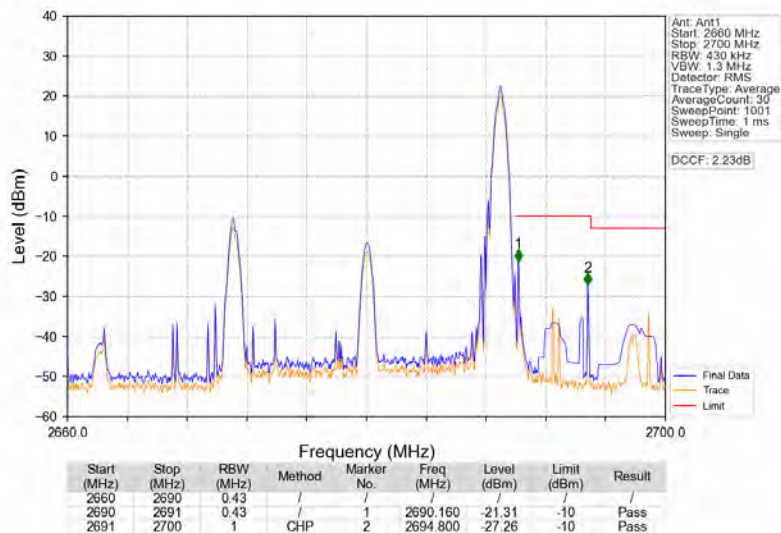
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



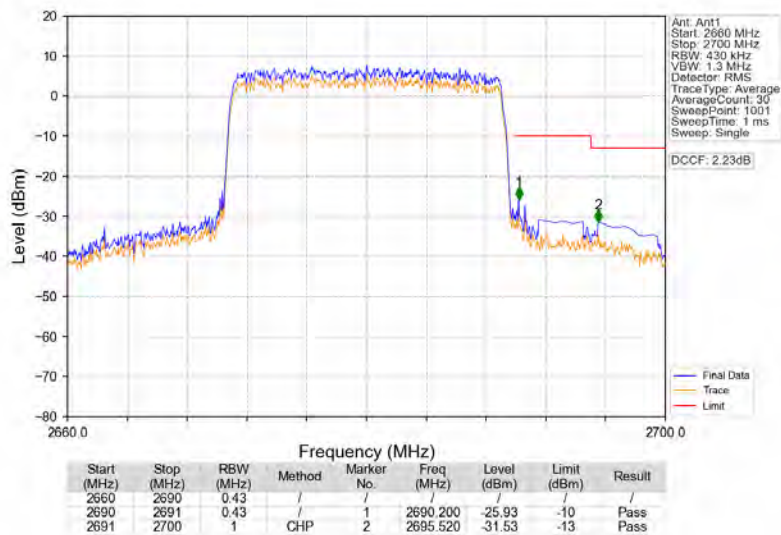
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



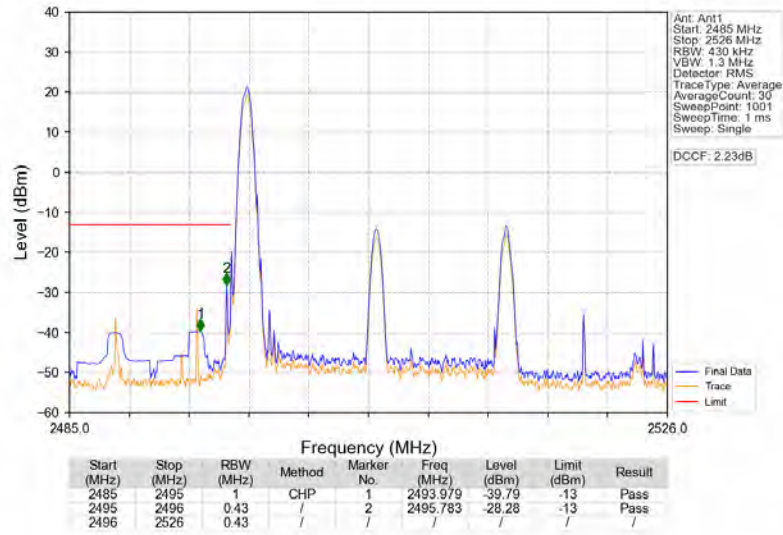
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_99_NTNV



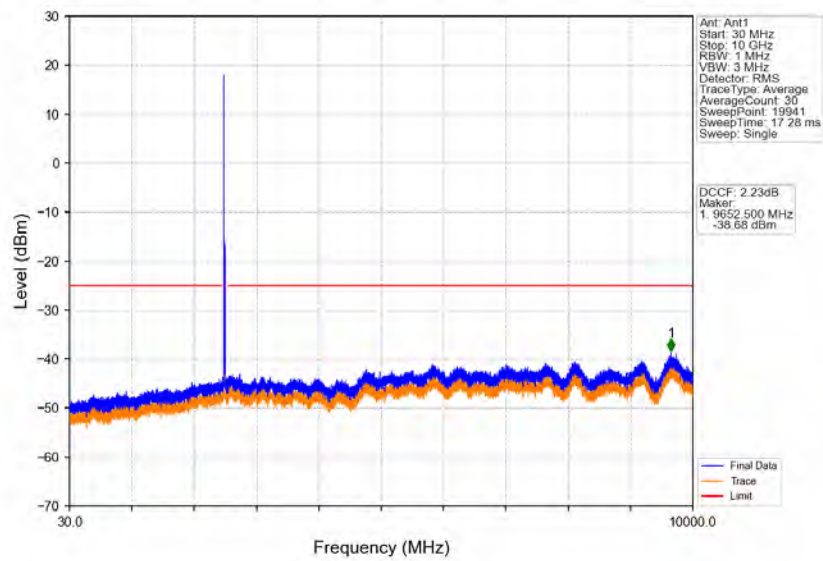
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



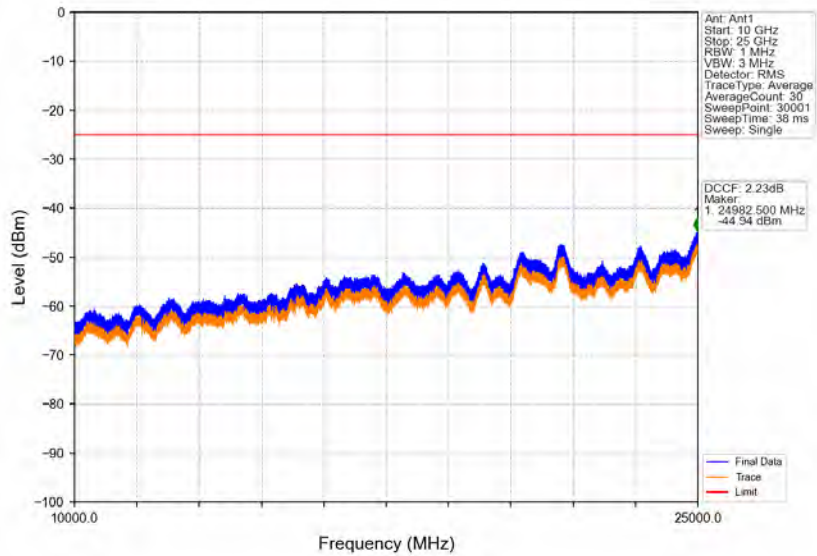
Band41_20MHz_64QAM_LCH_2506MHz_RB_1_0_NTNV



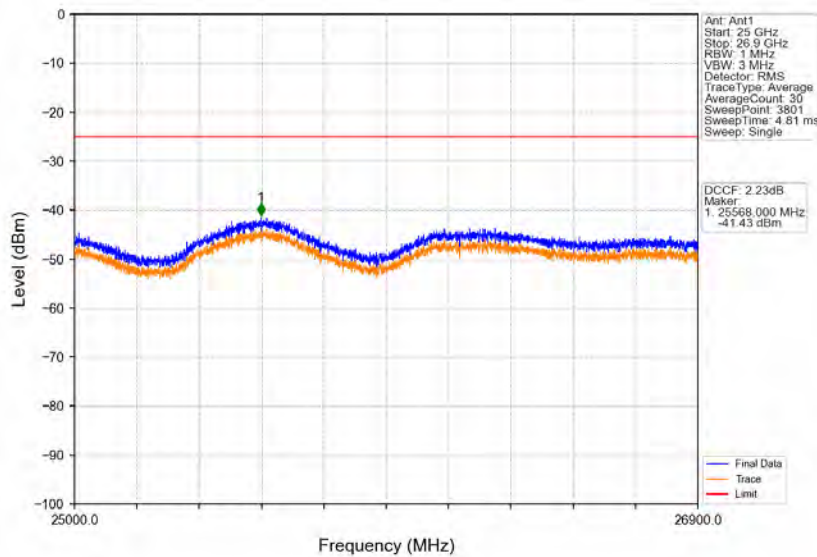
Band41_20MHz_64QAM_LCH_2506MHz_RB_1_0_NTNV



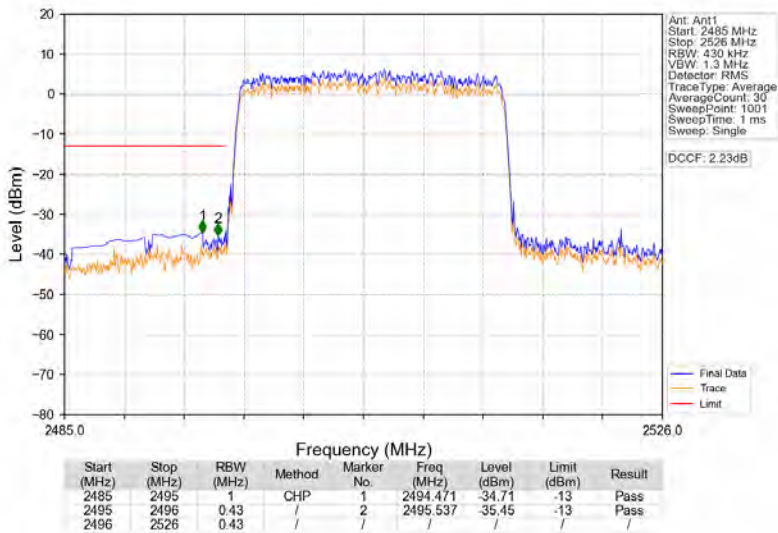
Band41_20MHz_64QAM_LCH_2506MHz_RB_1_0_NTNV



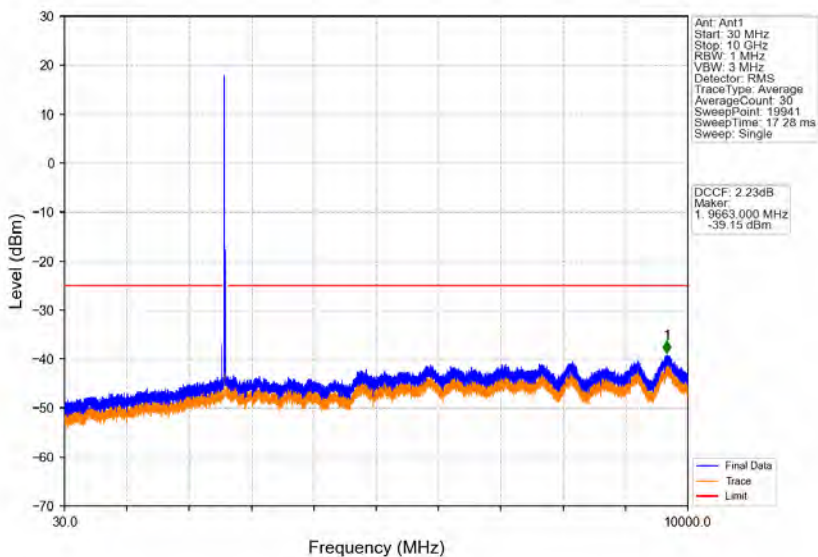
Band41_20MHz_64QAM_LCH_2506MHz_RB_1_0_NTNV



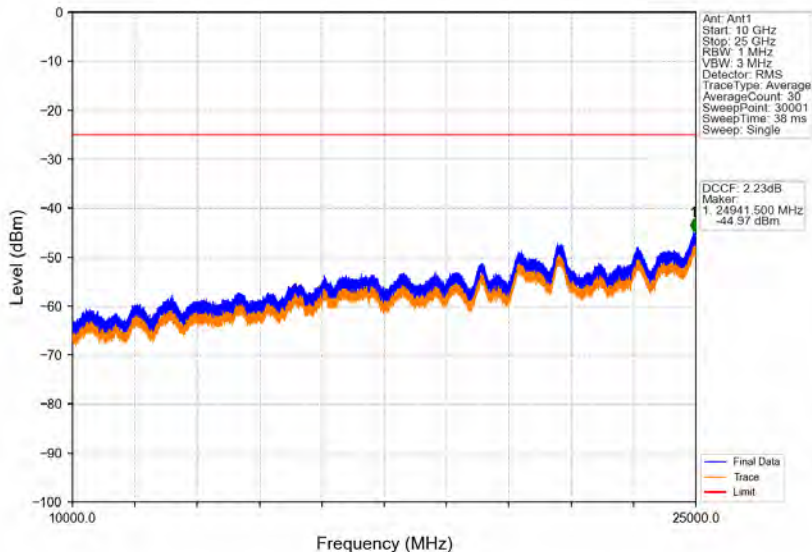
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



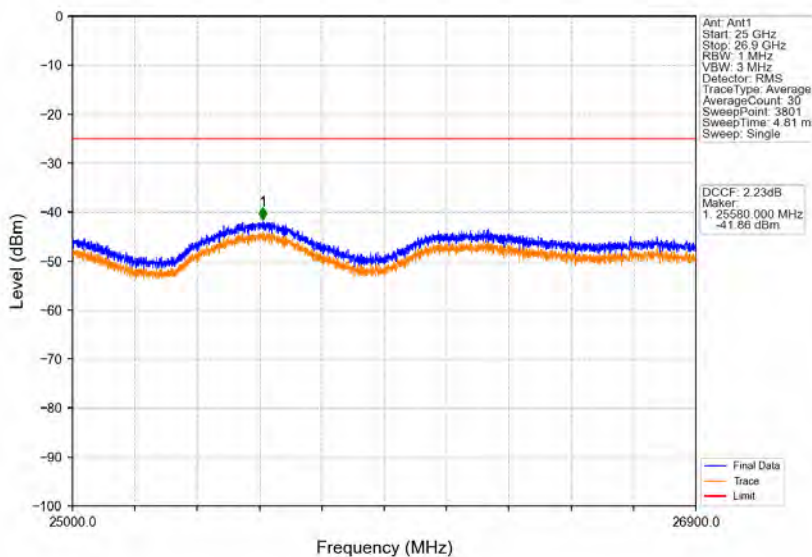
Band41_20MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



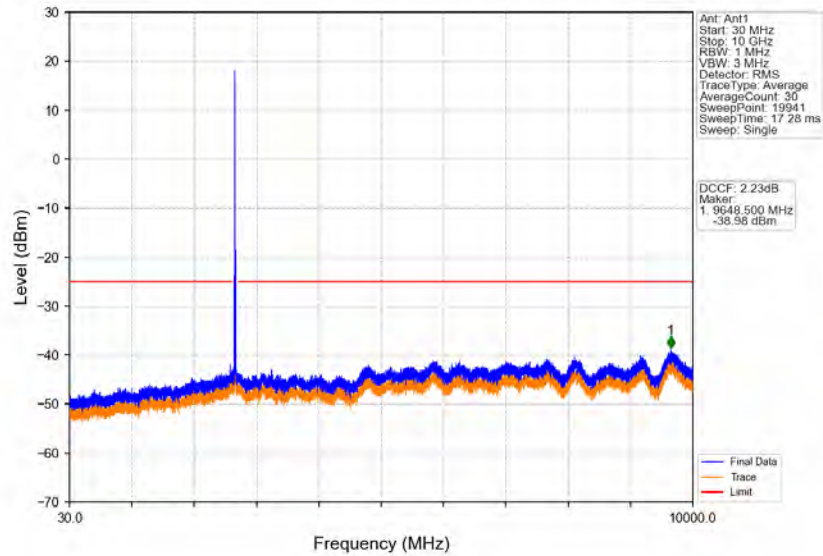
Band41_20MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



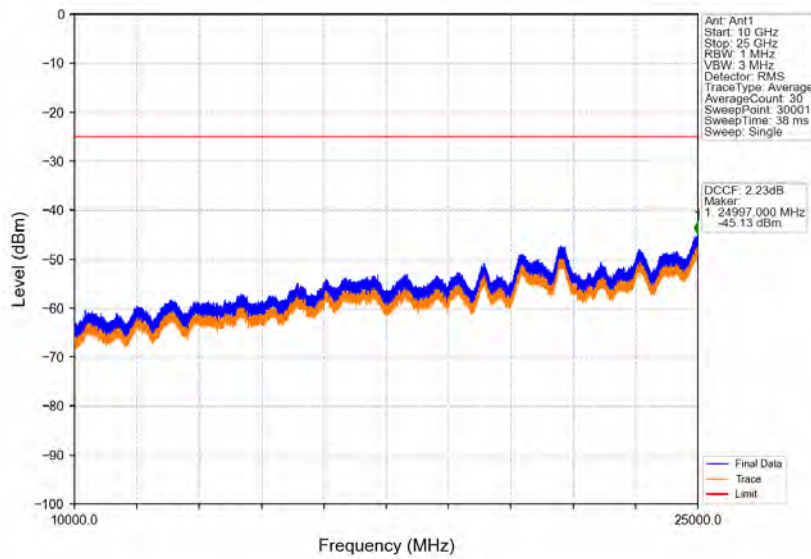
Band41_20MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



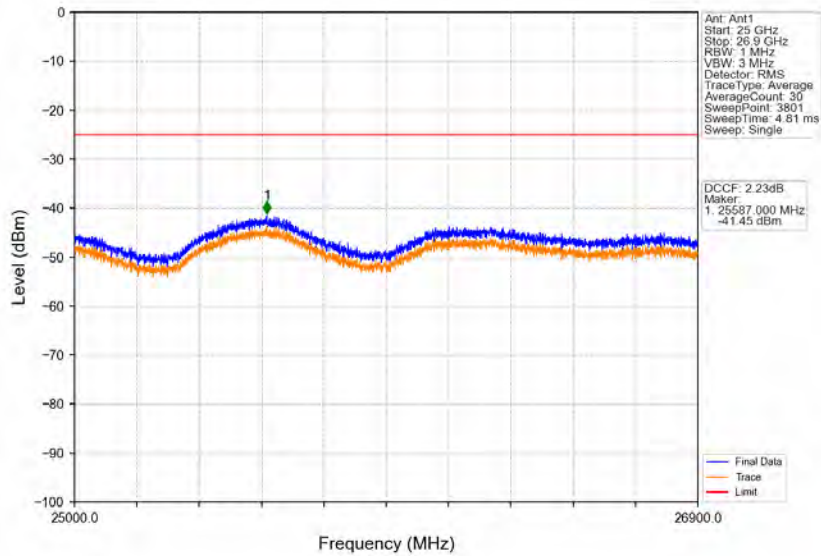
Band41_20MHz_64QAM_HCH_2680MHz_RB_1_0_NTNV



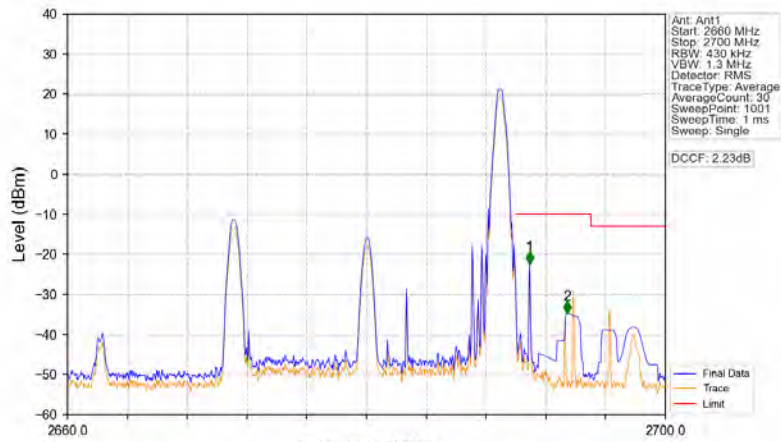
Band41_20MHz_64QAM_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_64QAM_HCH_2680MHz_RB_1_0_NTNV

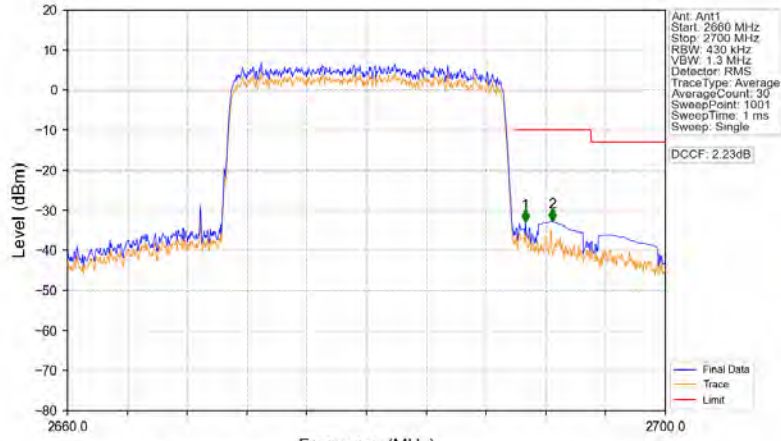


Band41_20MHz_64QAM_HCH_2680MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	1	2690.920	-22.48	-10	Pass
2690	2691	0.43	/	1	2690.920	-22.48	-10	Pass
2691	2700	1	CHP	2	2693.440	-34.77	-10	Pass

Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	1	2690.640	-32.95	-10	Pass
2690	2691	0.43	/	2	2692.440	-32.80	-10	Pass
2691	2700	1	CHP					