

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	19.94	0.75	20.69	<=33.01	Pass		
			13	20.25	0.75	21.00	<=33.01	Pass		
			24	20.12	0.75	20.87	<=33.01	Pass		
		12	0	18.92	0.75	19.67	<=33.01	Pass		
			6	19.13	0.75	19.88	<=33.01	Pass		
			13	19.16	0.75	19.91	<=33.01	Pass		
		25	0	19.17	0.75	19.92	<=33.01	Pass		
		2593	1	0	20.41	0.75	21.16	<=33.01	Pass	
				13	20.55	0.75	21.30	<=33.01	Pass	
	24			20.43	0.75	21.18	<=33.01	Pass		
	12		0	19.48	0.75	20.23	<=33.01	Pass		
			6	19.48	0.75	20.23	<=33.01	Pass		
			13	19.34	0.75	20.09	<=33.01	Pass		
	25		0	19.37	0.75	20.12	<=33.01	Pass		
	2687.5		1	0	21.12	0.75	21.87	<=33.01	Pass	
				13	21.29	0.75	22.04	<=33.01	Pass	
		24		21.16	0.75	21.91	<=33.01	Pass		
		12	0	20.23	0.75	20.98	<=33.01	Pass		
			6	20.06	0.75	20.81	<=33.01	Pass		
			13	20.04	0.75	20.79	<=33.01	Pass		
		25	0	20.09	0.75	20.84	<=33.01	Pass		
		16QAM	2498.5	1	0	19.15	0.75	19.90	<=33.01	Pass
					13	19.11	0.75	19.86	<=33.01	Pass
	24				19.19	0.75	19.94	<=33.01	Pass	
12	0			18.09	0.75	18.84	<=33.01	Pass		
	6			17.99	0.75	18.74	<=33.01	Pass		
	13			17.97	0.75	18.72	<=33.01	Pass		
25	0			17.99	0.75	18.74	<=33.01	Pass		
2593	1			0	19.42	0.75	20.17	<=33.01	Pass	
				13	19.57	0.75	20.32	<=33.01	Pass	
			24	19.33	0.75	20.08	<=33.01	Pass		
	12		0	18.25	0.75	19.00	<=33.01	Pass		
			6	18.30	0.75	19.05	<=33.01	Pass		
			13	18.49	0.75	19.24	<=33.01	Pass		
	25		0	18.46	0.75	19.21	<=33.01	Pass		
	2687.5		1	0	19.97	0.75	20.72	<=33.01	Pass	
				13	20.13	0.75	20.88	<=33.01	Pass	
24				19.96	0.75	20.71	<=33.01	Pass		
12			0	19.00	0.75	19.75	<=33.01	Pass		
			6	19.29	0.75	20.04	<=33.01	Pass		
			13	19.16	0.75	19.91	<=33.01	Pass		
25			0	19.05	0.75	19.80	<=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	20.13	0.75	20.88	<=33.01	Pass		
			25	20.33	0.75	21.08	<=33.01	Pass		
			49	20.06	0.75	20.81	<=33.01	Pass		
		25	0	18.92	0.75	19.67	<=33.01	Pass		
			13	19.01	0.75	19.76	<=33.01	Pass		
			25	19.27	0.75	20.02	<=33.01	Pass		
		50	0	19.03	0.75	19.78	<=33.01	Pass		
		2593	1	0	20.55	0.75	21.30	<=33.01	Pass	
				25	20.53	0.75	21.28	<=33.01	Pass	
	49			20.41	0.75	21.16	<=33.01	Pass		
	25		0	19.54	0.75	20.29	<=33.01	Pass		
			13	19.53	0.75	20.28	<=33.01	Pass		
			25	19.55	0.75	20.30	<=33.01	Pass		
	50		0	19.51	0.75	20.26	<=33.01	Pass		
	2685		1	0	21.02	0.75	21.77	<=33.01	Pass	
				25	21.22	0.75	21.97	<=33.01	Pass	
		49		21.10	0.75	21.85	<=33.01	Pass		
		25	0	20.22	0.75	20.97	<=33.01	Pass		
			13	20.05	0.75	20.80	<=33.01	Pass		
			25	20.06	0.75	20.81	<=33.01	Pass		
		50	0	20.26	0.75	21.01	<=33.01	Pass		
		16QAM	2501	1	0	18.96	0.75	19.71	<=33.01	Pass
					25	19.50	0.75	20.25	<=33.01	Pass
	49				19.36	0.75	20.11	<=33.01	Pass	
25	0			18.17	0.75	18.92	<=33.01	Pass		
	13			18.00	0.75	18.75	<=33.01	Pass		
	25			18.11	0.75	18.86	<=33.01	Pass		
50	0			17.98	0.75	18.73	<=33.01	Pass		
2593	1			0	19.30	0.75	20.05	<=33.01	Pass	
				25	19.52	0.75	20.27	<=33.01	Pass	
			49	19.34	0.75	20.09	<=33.01	Pass		
	25		0	18.53	0.75	19.28	<=33.01	Pass		
			13	18.37	0.75	19.12	<=33.01	Pass		
			25	18.54	0.75	19.29	<=33.01	Pass		
	50		0	18.36	0.75	19.11	<=33.01	Pass		
	2685		1	0	20.12	0.75	20.87	<=33.01	Pass	
				25	20.24	0.75	20.99	<=33.01	Pass	
49				20.23	0.75	20.98	<=33.01	Pass		
25			0	19.22	0.75	19.97	<=33.01	Pass		
			13	19.26	0.75	20.01	<=33.01	Pass		
			25	19.24	0.75	19.99	<=33.01	Pass		
50			0	19.08	0.75	19.83	<=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	20.07	0.75	20.82	<=33.01	Pass
			38	20.17	0.75	20.92	<=33.01	Pass
			74	20.03	0.75	20.78	<=33.01	Pass

	2593	36	0	18.91	0.75	19.66	<=33.01	Pass		
			18	19.15	0.75	19.90	<=33.01	Pass		
			39	19.19	0.75	19.94	<=33.01	Pass		
		75	1	0	20.47	0.75	21.22	<=33.01	Pass	
				38	20.36	0.75	21.11	<=33.01	Pass	
				74	20.34	0.75	21.09	<=33.01	Pass	
		36	36	0	19.38	0.75	20.13	<=33.01	Pass	
				18	19.50	0.75	20.25	<=33.01	Pass	
				39	19.38	0.75	20.13	<=33.01	Pass	
	75	2682.5	1	0	20.96	0.75	21.71	<=33.01	Pass	
				38	21.17	0.75	21.92	<=33.01	Pass	
				74	20.98	0.75	21.73	<=33.01	Pass	
	36	2682.5	36	0	20.19	0.75	20.94	<=33.01	Pass	
				18	20.01	0.75	20.76	<=33.01	Pass	
				39	20.20	0.75	20.95	<=33.01	Pass	
	75	2682.5	75	0	20.01	0.75	20.76	<=33.01	Pass	
				1	0	19.12	0.75	19.87	<=33.01	Pass
					38	19.23	0.75	19.98	<=33.01	Pass
	74	19.13	0.75		19.88	<=33.01	Pass			
	36	2503.5	36	0	18.06	0.75	18.81	<=33.01	Pass	
				18	18.11	0.75	18.86	<=33.01	Pass	
39				18.04	0.75	18.79	<=33.01	Pass		
75	2503.5	75	0	18.12	0.75	18.87	<=33.01	Pass		
			1	0	19.19	0.75	19.94	<=33.01	Pass	
				38	19.26	0.75	20.01	<=33.01	Pass	
74	19.19	0.75		19.94	<=33.01	Pass				
36	2593	36	0	18.33	0.75	19.08	<=33.01	Pass		
			18	18.46	0.75	19.21	<=33.01	Pass		
			39	18.36	0.75	19.11	<=33.01	Pass		
75	2593	75	0	18.48	0.75	19.23	<=33.01	Pass		
			1	0	20.03	0.75	20.78	<=33.01	Pass	
				38	20.07	0.75	20.82	<=33.01	Pass	
74	20.06	0.75		20.81	<=33.01	Pass				
36	2682.5	36	0	19.01	0.75	19.76	<=33.01	Pass		
			18	19.13	0.75	19.88	<=33.01	Pass		
			39	19.16	0.75	19.91	<=33.01	Pass		
75	2682.5	75	0	19.01	0.75	19.76	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B41_20MHz_EIRP

1.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	19.88	0.75	20.63	<=33.01	Pass
			50	20.01	0.75	20.76	<=33.01	Pass
			99	19.87	0.75	20.62	<=33.01	Pass
		50	0	19.02	0.75	19.77	<=33.01	Pass
			25	19.13	0.75	19.88	<=33.01	Pass
			50	19.09	0.75	19.84	<=33.01	Pass
	100	0	18.98	0.75	19.73	<=33.01	Pass	
	2593	1	0	20.29	0.75	21.04	<=33.01	Pass
			50	20.72	0.75	21.47	<=33.01	Pass

		50	99	20.18	0.75	20.93	<=33.01	Pass			
			0	19.29	0.75	20.04	<=33.01	Pass			
			25	19.49	0.75	20.24	<=33.01	Pass			
			50	19.38	0.75	20.13	<=33.01	Pass			
			100	0	19.32	0.75	20.07	<=33.01	Pass		
		2680	1	0	20.76	0.75	21.51	<=33.01	Pass		
				50	21.26	0.75	22.01	<=33.01	Pass		
				99	21.02	0.75	21.77	<=33.01	Pass		
			50	0	20.11	0.75	20.86	<=33.01	Pass		
				25	19.95	0.75	20.70	<=33.01	Pass		
				50	19.86	0.75	20.61	<=33.01	Pass		
			100	0	20.04	0.75	20.79	<=33.01	Pass		
			16QAM	2506	1	0	18.93	0.75	19.68	<=33.01	Pass
						50	19.32	0.75	20.07	<=33.01	Pass
		99				18.93	0.75	19.68	<=33.01	Pass	
50	0	17.99			0.75	18.74	<=33.01	Pass			
	25	18.04			0.75	18.79	<=33.01	Pass			
	50	18.17			0.75	18.92	<=33.01	Pass			
100	0	18.05			0.75	18.80	<=33.01	Pass			
2593	1	0			18.99	0.75	19.74	<=33.01	Pass		
		50			19.41	0.75	20.16	<=33.01	Pass		
		99		19.34	0.75	20.09	<=33.01	Pass			
	50	0		18.41	0.75	19.16	<=33.01	Pass			
		25		18.48	0.75	19.23	<=33.01	Pass			
		50		18.54	0.75	19.29	<=33.01	Pass			
	100	0		18.32	0.75	19.07	<=33.01	Pass			
	2680	1		0	19.83	0.75	20.58	<=33.01	Pass		
				50	19.91	0.75	20.66	<=33.01	Pass		
99				19.46	0.75	20.21	<=33.01	Pass			
50		0		18.54	0.75	19.29	<=33.01	Pass			
		25		19.07	0.75	19.82	<=33.01	Pass			
		50		18.97	0.75	19.72	<=33.01	Pass			
100		0		18.81	0.75	19.56	<=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	3.23	7.210	0.0029	-2.5 to 2.5	Pass
					3.8	-2.146	-0.0009	-2.5 to 2.5	Pass
					4.37	-4.950	-0.0020	-2.5 to 2.5	Pass
				-30	3.8	-1.388	-0.0006	-2.5 to 2.5	Pass
				-20	3.8	5.078	0.0020	-2.5 to 2.5	Pass
				-10	3.8	-2.489	-0.0010	-2.5 to 2.5	Pass
				0	3.8	-0.257	-0.0001	-2.5 to 2.5	Pass
				10	3.8	4.106	0.0016	-2.5 to 2.5	Pass
				30	3.8	1.988	0.0008	-2.5 to 2.5	Pass
				40	3.8	1.874	0.0008	-2.5 to 2.5	Pass
				50	3.8	0.844	0.0003	-2.5 to 2.5	Pass
				2593	25	0	20	3.23	-2.489

					3.8	-3.219	-0.0012	-2.5 to 2.5	Pass
					4.37	-7.882	-0.0030	-2.5 to 2.5	Pass
					-30	3.8	3.276	0.0013	-2.5 to 2.5
				-20	3.8	-4.549	-0.0018	-2.5 to 2.5	Pass
				-10	3.8	0.157	0.0001	-2.5 to 2.5	Pass
				0	3.8	-11.845	-0.0046	-2.5 to 2.5	Pass
				10	3.8	-4.220	-0.0016	-2.5 to 2.5	Pass
				30	3.8	-2.775	-0.0011	-2.5 to 2.5	Pass
				40	3.8	-4.363	-0.0017	-2.5 to 2.5	Pass
	50	3.8	5.050	0.0019	-2.5 to 2.5	Pass			
	2687.5	25	0	20	3.23	2.117	0.0008	-2.5 to 2.5	Pass
					3.8	-6.237	-0.0023	-2.5 to 2.5	Pass
					4.37	-5.450	-0.0020	-2.5 to 2.5	Pass
				-30	3.8	-2.832	-0.0011	-2.5 to 2.5	Pass
				-20	3.8	-7.381	-0.0027	-2.5 to 2.5	Pass
				-10	3.8	-4.764	-0.0018	-2.5 to 2.5	Pass
				0	3.8	6.938	0.0026	-2.5 to 2.5	Pass
				10	3.8	-17.138	-0.0064	-2.5 to 2.5	Pass
30				3.8	-0.072	0.0000	-2.5 to 2.5	Pass	
40	3.8	0.229	0.0001	-2.5 to 2.5	Pass				
50	3.8	-3.490	-0.0013	-2.5 to 2.5	Pass				
16QAM	2498.5	25	0	20	3.23	-0.744	-0.0003	-2.5 to 2.5	Pass
					3.8	-4.821	-0.0019	-2.5 to 2.5	Pass
					4.37	4.134	0.0017	-2.5 to 2.5	Pass
				-30	3.8	-7.195	-0.0029	-2.5 to 2.5	Pass
				-20	3.8	6.266	0.0025	-2.5 to 2.5	Pass
				-10	3.8	-6.680	-0.0027	-2.5 to 2.5	Pass
				0	3.8	-1.602	-0.0006	-2.5 to 2.5	Pass
				10	3.8	0.658	0.0003	-2.5 to 2.5	Pass
				30	3.8	-1.431	-0.0006	-2.5 to 2.5	Pass
	40	3.8	-3.848	-0.0015	-2.5 to 2.5	Pass			
	50	3.8	-3.176	-0.0013	-2.5 to 2.5	Pass			
	2593	25	0	20	3.23	0.343	0.0001	-2.5 to 2.5	Pass
					3.8	-2.103	-0.0008	-2.5 to 2.5	Pass
					4.37	4.992	0.0019	-2.5 to 2.5	Pass
				-30	3.8	-0.114	0.0000	-2.5 to 2.5	Pass
				-20	3.8	-0.329	-0.0001	-2.5 to 2.5	Pass
				-10	3.8	2.089	0.0008	-2.5 to 2.5	Pass
				0	3.8	-10.729	-0.0041	-2.5 to 2.5	Pass
10				3.8	-7.281	-0.0028	-2.5 to 2.5	Pass	
30				3.8	4.177	0.0016	-2.5 to 2.5	Pass	
40	3.8	1.888	0.0007	-2.5 to 2.5	Pass				
50	3.8	-5.178	-0.0020	-2.5 to 2.5	Pass				
2687.5	25	0	20	3.23	1.001	0.0004	-2.5 to 2.5	Pass	
				3.8	-8.183	-0.0030	-2.5 to 2.5	Pass	
				4.37	-2.861	-0.0011	-2.5 to 2.5	Pass	
			-30	3.8	2.990	0.0011	-2.5 to 2.5	Pass	
			-20	3.8	-1.287	-0.0005	-2.5 to 2.5	Pass	
			-10	3.8	-4.663	-0.0017	-2.5 to 2.5	Pass	
			0	3.8	-5.894	-0.0022	-2.5 to 2.5	Pass	
			10	3.8	-0.029	0.0000	-2.5 to 2.5	Pass	
			30	3.8	-2.646	-0.0010	-2.5 to 2.5	Pass	
40	3.8	2.761	0.0010	-2.5 to 2.5	Pass				
50	3.8	-1.745	-0.0006	-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	3.23	-3.448	-0.0014	-2.5 to 2.5	Pass
					3.8	4.807	0.0019	-2.5 to 2.5	Pass
					4.37	5.193	0.0021	-2.5 to 2.5	Pass
				-30	3.8	-3.591	-0.0014	-2.5 to 2.5	Pass
				-20	3.8	-2.246	-0.0009	-2.5 to 2.5	Pass
				-10	3.8	-4.406	-0.0018	-2.5 to 2.5	Pass
				0	3.8	2.646	0.0011	-2.5 to 2.5	Pass
				10	3.8	-2.632	-0.0011	-2.5 to 2.5	Pass
				30	3.8	-3.347	-0.0013	-2.5 to 2.5	Pass
	40	3.8	-0.730	-0.0003	-2.5 to 2.5	Pass			
	50	3.8	-0.100	0.0000	-2.5 to 2.5	Pass			
	2593	50	0	20	3.23	-4.606	-0.0018	-2.5 to 2.5	Pass
					3.8	-0.973	-0.0004	-2.5 to 2.5	Pass
					4.37	-0.343	-0.0001	-2.5 to 2.5	Pass
				-30	3.8	-8.354	-0.0032	-2.5 to 2.5	Pass
				-20	3.8	-6.166	-0.0024	-2.5 to 2.5	Pass
				-10	3.8	-10.757	-0.0041	-2.5 to 2.5	Pass
				0	3.8	-2.375	-0.0009	-2.5 to 2.5	Pass
				10	3.8	-0.587	-0.0002	-2.5 to 2.5	Pass
				30	3.8	0.243	0.0001	-2.5 to 2.5	Pass
	40	3.8	-5.121	-0.0020	-2.5 to 2.5	Pass			
	50	3.8	-6.108	-0.0024	-2.5 to 2.5	Pass			
	2685	50	0	20	3.23	-8.011	-0.0030	-2.5 to 2.5	Pass
					3.8	-1.731	-0.0006	-2.5 to 2.5	Pass
					4.37	-0.329	-0.0001	-2.5 to 2.5	Pass
				-30	3.8	-7.367	-0.0027	-2.5 to 2.5	Pass
				-20	3.8	-2.303	-0.0009	-2.5 to 2.5	Pass
-10				3.8	-1.688	-0.0006	-2.5 to 2.5	Pass	
0				3.8	-6.680	-0.0025	-2.5 to 2.5	Pass	
10				3.8	-7.524	-0.0028	-2.5 to 2.5	Pass	
30				3.8	-5.679	-0.0021	-2.5 to 2.5	Pass	
40	3.8	3.977	0.0015	-2.5 to 2.5	Pass				
50	3.8	-5.021	-0.0019	-2.5 to 2.5	Pass				
16QAM	2501	50	0	20	3.23	0.887	0.0004	-2.5 to 2.5	Pass
					3.8	0.615	0.0002	-2.5 to 2.5	Pass
					4.37	0.658	0.0003	-2.5 to 2.5	Pass
				-30	3.8	-1.059	-0.0004	-2.5 to 2.5	Pass
				-20	3.8	-3.161	-0.0013	-2.5 to 2.5	Pass
				-10	3.8	-2.432	-0.0010	-2.5 to 2.5	Pass
				0	3.8	-1.087	-0.0004	-2.5 to 2.5	Pass
				10	3.8	3.190	0.0013	-2.5 to 2.5	Pass
				30	3.8	-0.229	-0.0001	-2.5 to 2.5	Pass
	40	3.8	1.073	0.0004	-2.5 to 2.5	Pass			
	50	3.8	2.718	0.0011	-2.5 to 2.5	Pass			
	2593	50	0	20	3.23	-2.832	-0.0011	-2.5 to 2.5	Pass
					3.8	-4.549	-0.0018	-2.5 to 2.5	Pass
					4.37	3.161	0.0012	-2.5 to 2.5	Pass
				-30	3.8	-6.595	-0.0025	-2.5 to 2.5	Pass
				-20	3.8	1.073	0.0004	-2.5 to 2.5	Pass
				-10	3.8	-2.675	-0.0010	-2.5 to 2.5	Pass
				0	3.8	-7.167	-0.0028	-2.5 to 2.5	Pass
10				3.8	-1.559	-0.0006	-2.5 to 2.5	Pass	
30				3.8	-4.907	-0.0019	-2.5 to 2.5	Pass	
40	3.8	-3.161	-0.0012	-2.5 to 2.5	Pass				

	2685	50	0	50	3.8	1.988	0.0008	-2.5 to 2.5	Pass
				20	3.23	-3.791	-0.0014	-2.5 to 2.5	Pass
					3.8	-0.944	-0.0004	-2.5 to 2.5	Pass
					4.37	1.516	0.0006	-2.5 to 2.5	Pass
				-30	3.8	0.486	0.0002	-2.5 to 2.5	Pass
				-20	3.8	-1.574	-0.0006	-2.5 to 2.5	Pass
				-10	3.8	-6.580	-0.0025	-2.5 to 2.5	Pass
				0	3.8	-13.475	-0.0050	-2.5 to 2.5	Pass
				10	3.8	-1.574	-0.0006	-2.5 to 2.5	Pass
				30	3.8	5.665	0.0021	-2.5 to 2.5	Pass
				40	3.8	-4.106	-0.0015	-2.5 to 2.5	Pass
				50	3.8	-1.431	-0.0005	-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	3.23	0.329	0.0001	-2.5 to 2.5	Pass
					3.8	1.531	0.0006	-2.5 to 2.5	Pass
					4.37	0.429	0.0002	-2.5 to 2.5	Pass
				-30	3.8	-5.450	-0.0022	-2.5 to 2.5	Pass
				-20	3.8	-2.317	-0.0009	-2.5 to 2.5	Pass
				-10	3.8	-6.709	-0.0027	-2.5 to 2.5	Pass
				0	3.8	-0.086	0.0000	-2.5 to 2.5	Pass
				10	3.8	-1.488	-0.0006	-2.5 to 2.5	Pass
				30	3.8	-1.345	-0.0005	-2.5 to 2.5	Pass
				40	3.8	0.272	0.0001	-2.5 to 2.5	Pass
				50	3.8	-5.622	-0.0022	-2.5 to 2.5	Pass
				2593	75	0	20	3.23	-1.187
	3.8	-3.562	-0.0014					-2.5 to 2.5	Pass
	4.37	-2.575	-0.0010					-2.5 to 2.5	Pass
	-30	3.8	-4.764				-0.0018	-2.5 to 2.5	Pass
	-20	3.8	-2.475				-0.0010	-2.5 to 2.5	Pass
	-10	3.8	-0.572				-0.0002	-2.5 to 2.5	Pass
	0	3.8	-5.651				-0.0022	-2.5 to 2.5	Pass
	10	3.8	-2.718				-0.0010	-2.5 to 2.5	Pass
	30	3.8	-0.629				-0.0002	-2.5 to 2.5	Pass
	40	3.8	-4.392				-0.0017	-2.5 to 2.5	Pass
	50	3.8	0.057				0.0000	-2.5 to 2.5	Pass
	2682.5	75	0				20	3.23	-2.131
				3.8	-9.899	-0.0037		-2.5 to 2.5	Pass
				4.37	-3.276	-0.0012		-2.5 to 2.5	Pass
				-30	3.8	-2.475	-0.0009	-2.5 to 2.5	Pass
				-20	3.8	-5.479	-0.0020	-2.5 to 2.5	Pass
				-10	3.8	-5.322	-0.0020	-2.5 to 2.5	Pass
				0	3.8	-3.476	-0.0013	-2.5 to 2.5	Pass
				10	3.8	-9.499	-0.0035	-2.5 to 2.5	Pass
30				3.8	-5.879	-0.0022	-2.5 to 2.5	Pass	
40				3.8	-7.696	-0.0029	-2.5 to 2.5	Pass	
50				3.8	-8.984	-0.0033	-2.5 to 2.5	Pass	
16QAM				2503.5	75	0	20	3.23	-2.046
	3.8	1.674	0.0007					-2.5 to 2.5	Pass
	4.37	-2.947	-0.0012					-2.5 to 2.5	Pass
	-30	3.8	2.890				0.0012	-2.5 to 2.5	Pass

	2593	75	0	-20	3.8	0.157	0.0001	-2.5 to 2.5	Pass
				-10	3.8	-3.548	-0.0014	-2.5 to 2.5	Pass
				0	3.8	0.687	0.0003	-2.5 to 2.5	Pass
				10	3.8	-1.502	-0.0006	-2.5 to 2.5	Pass
				30	3.8	2.704	0.0011	-2.5 to 2.5	Pass
				40	3.8	3.290	0.0013	-2.5 to 2.5	Pass
				50	3.8	-1.259	-0.0005	-2.5 to 2.5	Pass
				20	3.23	-3.819	-0.0015	-2.5 to 2.5	Pass
					3.8	-4.034	-0.0016	-2.5 to 2.5	Pass
					4.37	-1.087	-0.0004	-2.5 to 2.5	Pass
	-30	3.8	-1.760	-0.0007	-2.5 to 2.5	Pass			
	-20	3.8	-2.375	-0.0009	-2.5 to 2.5	Pass			
	-10	3.8	1.316	0.0005	-2.5 to 2.5	Pass			
	0	3.8	0.415	0.0002	-2.5 to 2.5	Pass			
	10	3.8	3.233	0.0012	-2.5 to 2.5	Pass			
	30	3.8	3.190	0.0012	-2.5 to 2.5	Pass			
	40	3.8	2.704	0.0010	-2.5 to 2.5	Pass			
	50	3.8	-1.945	-0.0008	-2.5 to 2.5	Pass			
	2682.5	75	0	20	3.23	-3.448	-0.0013	-2.5 to 2.5	Pass
					3.8	-7.396	-0.0028	-2.5 to 2.5	Pass
					4.37	-1.631	-0.0006	-2.5 to 2.5	Pass
				-30	3.8	-8.998	-0.0034	-2.5 to 2.5	Pass
				-20	3.8	3.290	0.0012	-2.5 to 2.5	Pass
				-10	3.8	0.043	0.0000	-2.5 to 2.5	Pass
				0	3.8	-5.980	-0.0022	-2.5 to 2.5	Pass
				10	3.8	-3.519	-0.0013	-2.5 to 2.5	Pass
				30	3.8	-0.687	-0.0003	-2.5 to 2.5	Pass
				40	3.8	-4.420	-0.0016	-2.5 to 2.5	Pass
	50	3.8	-4.807	-0.0018	-2.5 to 2.5	Pass			

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	3.23	-3.777	-0.0015	-2.5 to 2.5	Pass
					3.8	-5.050	-0.0020	-2.5 to 2.5	Pass
					4.37	-0.901	-0.0004	-2.5 to 2.5	Pass
				-30	3.8	-1.702	-0.0007	-2.5 to 2.5	Pass
				-20	3.8	2.775	0.0011	-2.5 to 2.5	Pass
				-10	3.8	0.644	0.0003	-2.5 to 2.5	Pass
				0	3.8	0.973	0.0004	-2.5 to 2.5	Pass
				10	3.8	-1.917	-0.0008	-2.5 to 2.5	Pass
				30	3.8	-3.433	-0.0014	-2.5 to 2.5	Pass
				40	3.8	-1.416	-0.0006	-2.5 to 2.5	Pass
	50	3.8	-3.290	-0.0013	-2.5 to 2.5	Pass			
	2593	100	0	20	3.23	0.143	0.0001	-2.5 to 2.5	Pass
					3.8	-1.917	-0.0007	-2.5 to 2.5	Pass
					4.37	-8.297	-0.0032	-2.5 to 2.5	Pass
				-30	3.8	-4.363	-0.0017	-2.5 to 2.5	Pass
				-20	3.8	-2.761	-0.0011	-2.5 to 2.5	Pass
				-10	3.8	-5.751	-0.0022	-2.5 to 2.5	Pass
				0	3.8	-0.587	-0.0002	-2.5 to 2.5	Pass
				10	3.8	0.944	0.0004	-2.5 to 2.5	Pass
				30	3.8	-4.764	-0.0018	-2.5 to 2.5	Pass

	2680	100	0	40	3.8	-1.388	-0.0005	-2.5 to 2.5	Pass				
				50	3.8	2.146	0.0008	-2.5 to 2.5	Pass				
				20	3.23	3.104	0.0012	-2.5 to 2.5	Pass				
					3.8	2.861	0.0011	-2.5 to 2.5	Pass				
					4.37	-5.436	-0.0020	-2.5 to 2.5	Pass				
				-30	3.8	-3.047	-0.0011	-2.5 to 2.5	Pass				
				-20	3.8	-2.289	-0.0009	-2.5 to 2.5	Pass				
				-10	3.8	0.257	0.0001	-2.5 to 2.5	Pass				
				0	3.8	-1.817	-0.0007	-2.5 to 2.5	Pass				
				10	3.8	-1.316	-0.0005	-2.5 to 2.5	Pass				
				30	3.8	-1.631	-0.0006	-2.5 to 2.5	Pass				
				40	3.8	2.732	0.0010	-2.5 to 2.5	Pass				
				50	3.8	3.090	0.0012	-2.5 to 2.5	Pass				
				16QAM	2506	100	0	20	3.23	-0.329	-0.0001	-2.5 to 2.5	Pass
									3.8	-3.090	-0.0012	-2.5 to 2.5	Pass
									4.37	-4.535	-0.0018	-2.5 to 2.5	Pass
								-30	3.8	-0.987	-0.0004	-2.5 to 2.5	Pass
								-20	3.8	3.691	0.0015	-2.5 to 2.5	Pass
								-10	3.8	-4.978	-0.0020	-2.5 to 2.5	Pass
0	3.8	0.730	0.0003					-2.5 to 2.5	Pass				
10	3.8	-3.505	-0.0014					-2.5 to 2.5	Pass				
30	3.8	-0.043	0.0000					-2.5 to 2.5	Pass				
40	3.8	-2.789	-0.0011		-2.5 to 2.5	Pass							
50	3.8	-2.217	-0.0009		-2.5 to 2.5	Pass							
2593	100	0	20		3.23	-1.459	-0.0006	-2.5 to 2.5	Pass				
					3.8	-9.785	-0.0038	-2.5 to 2.5	Pass				
					4.37	-1.616	-0.0006	-2.5 to 2.5	Pass				
			-30		3.8	-2.031	-0.0008	-2.5 to 2.5	Pass				
			-20		3.8	4.334	0.0017	-2.5 to 2.5	Pass				
			-10		3.8	-5.379	-0.0021	-2.5 to 2.5	Pass				
			0		3.8	-6.394	-0.0025	-2.5 to 2.5	Pass				
			10		3.8	-0.515	-0.0002	-2.5 to 2.5	Pass				
			30	3.8	-6.824	-0.0026	-2.5 to 2.5	Pass					
40	3.8	-2.661	-0.0010	-2.5 to 2.5	Pass								
50	3.8	-1.402	-0.0005	-2.5 to 2.5	Pass								
2680	100	0	20	3.23	-3.319	-0.0012	-2.5 to 2.5	Pass					
				3.8	-4.148	-0.0015	-2.5 to 2.5	Pass					
				4.37	-1.230	-0.0005	-2.5 to 2.5	Pass					
			-30	3.8	-1.774	-0.0007	-2.5 to 2.5	Pass					
			-20	3.8	-1.402	-0.0005	-2.5 to 2.5	Pass					
			-10	3.8	6.108	0.0023	-2.5 to 2.5	Pass					
			0	3.8	-5.522	-0.0021	-2.5 to 2.5	Pass					
			10	3.8	-1.860	-0.0007	-2.5 to 2.5	Pass					
			30	3.8	-4.692	-0.0018	-2.5 to 2.5	Pass					
40	3.8	-4.978	-0.0019	-2.5 to 2.5	Pass								
50	3.8	-4.535	-0.0017	-2.5 to 2.5	Pass								

3. Modulation Characteristics

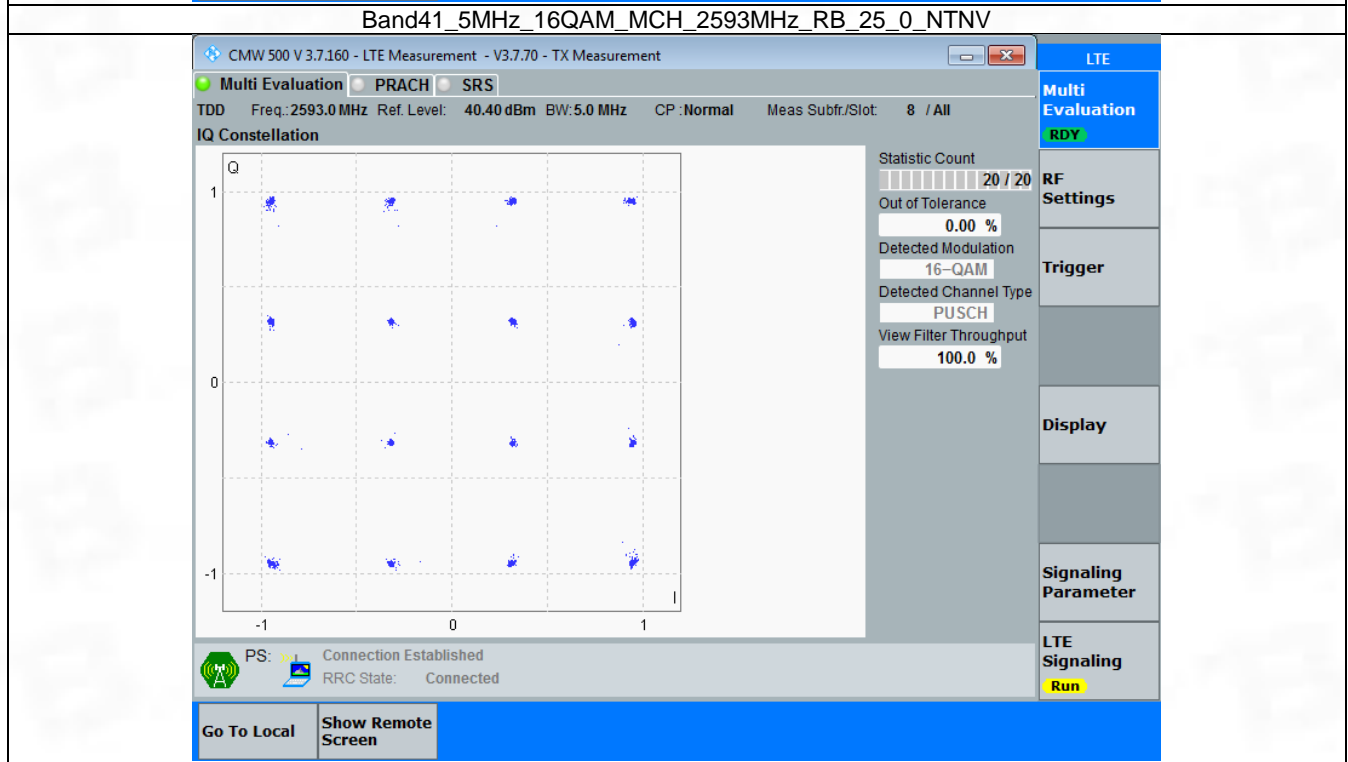
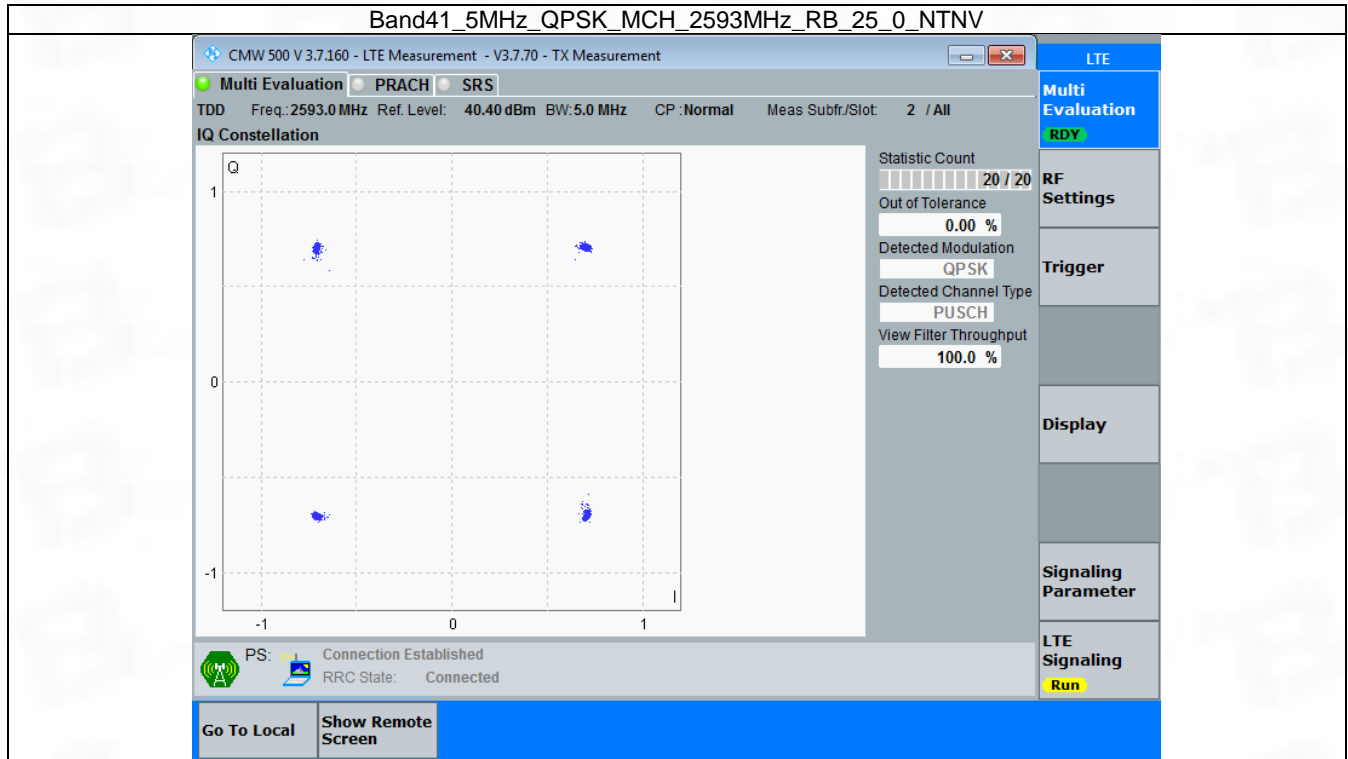
3.1 B41_5MHz

3.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	

QPSK	2593	25	0	Refer To Test Graph	Pass
16QAM	2593	25	0	Refer To Test Graph	Pass

3.1.2 Test Graph

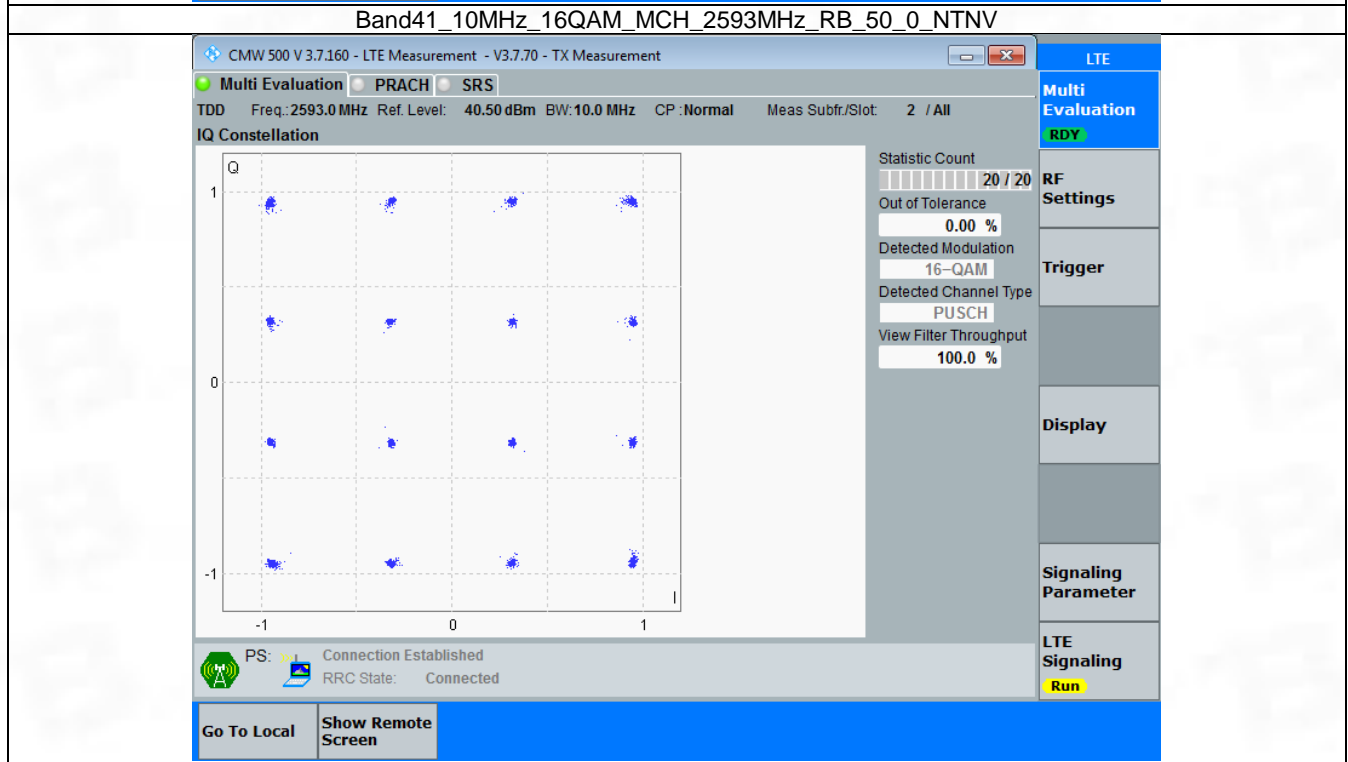
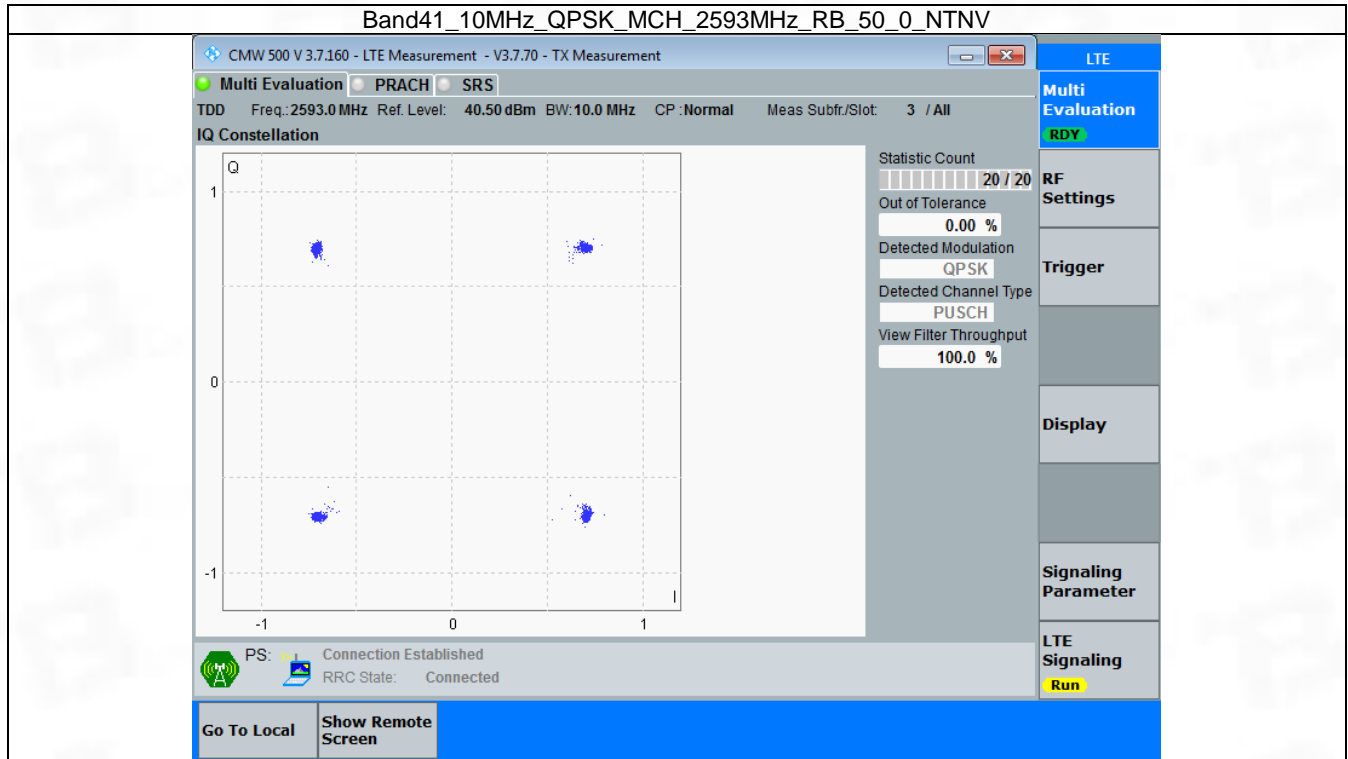


3.2 B41_10MHz

3.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	50	0	Refer To Test Graph	Pass	
16QAM	2593	50	0	Refer To Test Graph	Pass	

3.2.2 Test Graph

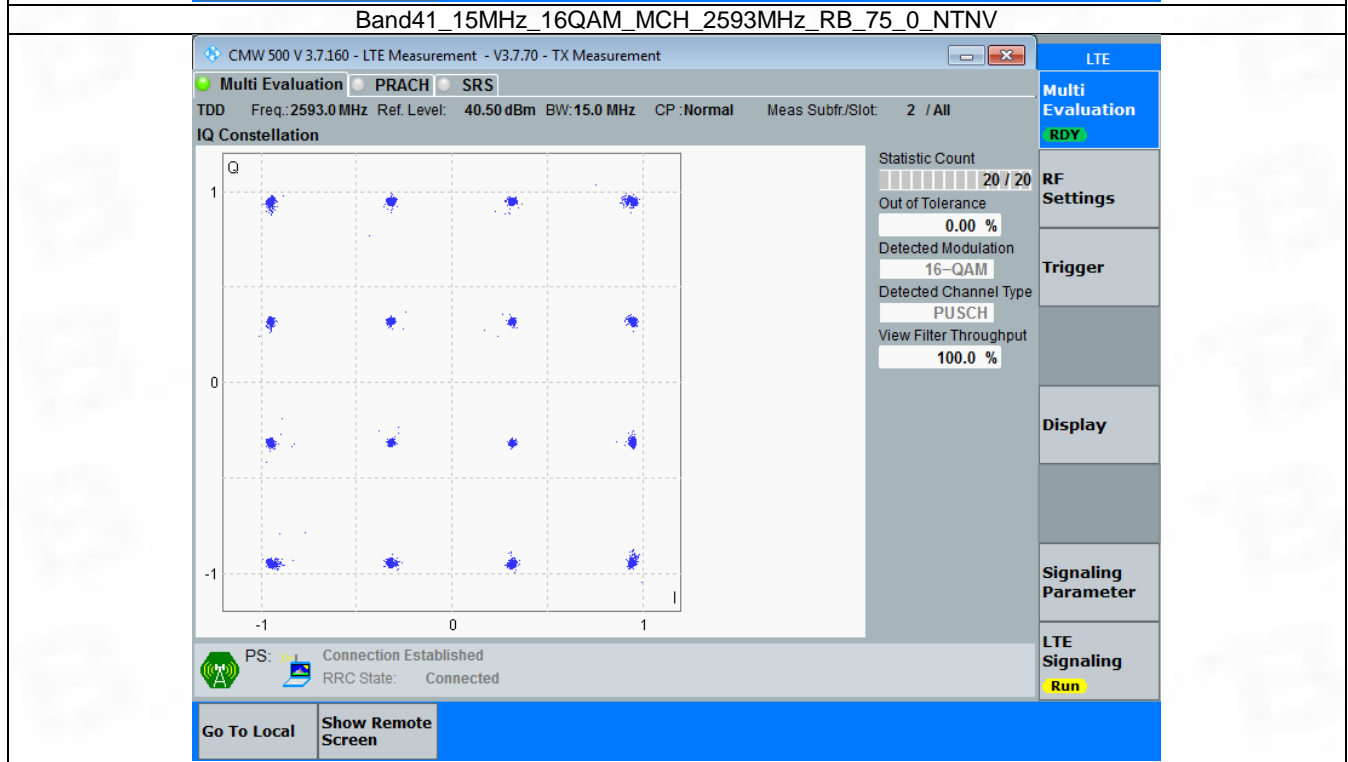
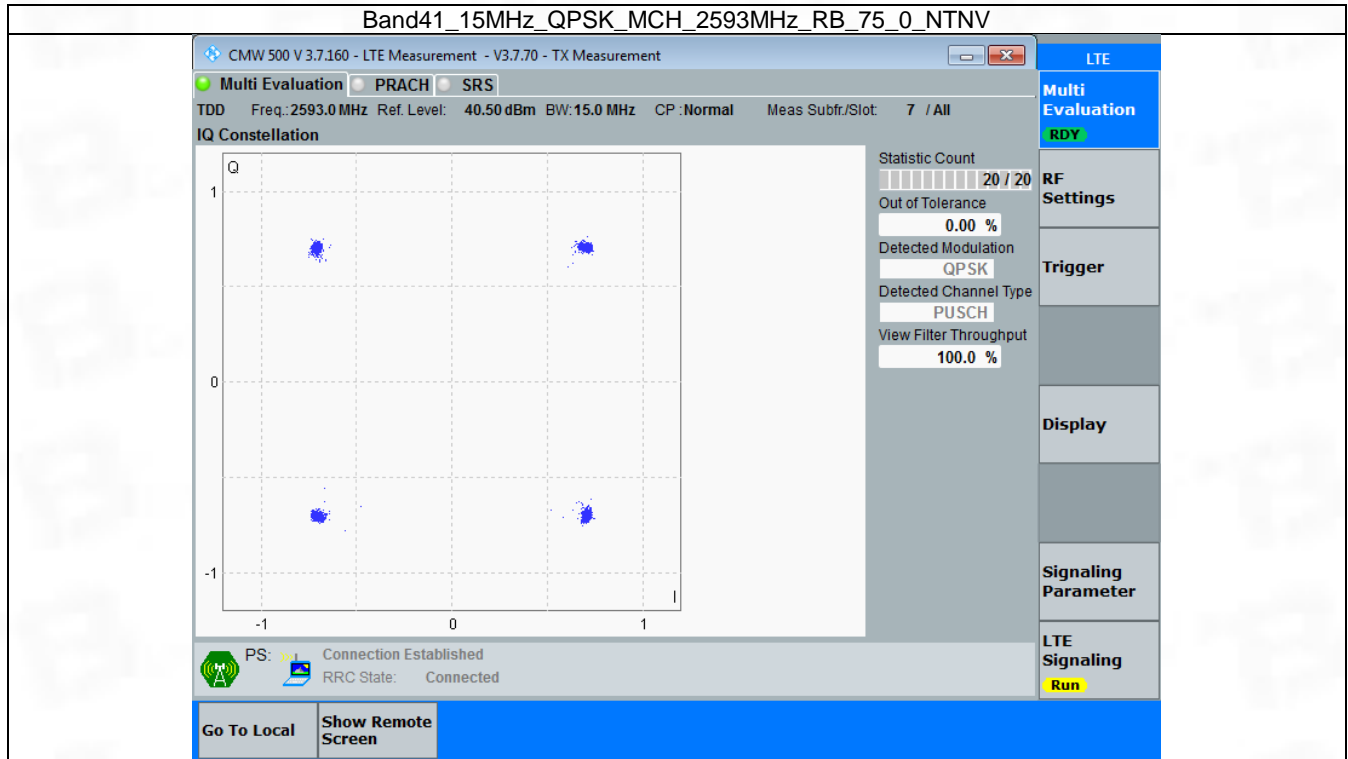


3.3 B41_15MHz

3.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	75	0	Refer To Test Graph	Pass	
16QAM	2593	75	0	Refer To Test Graph	Pass	

3.3.2 Test Graph

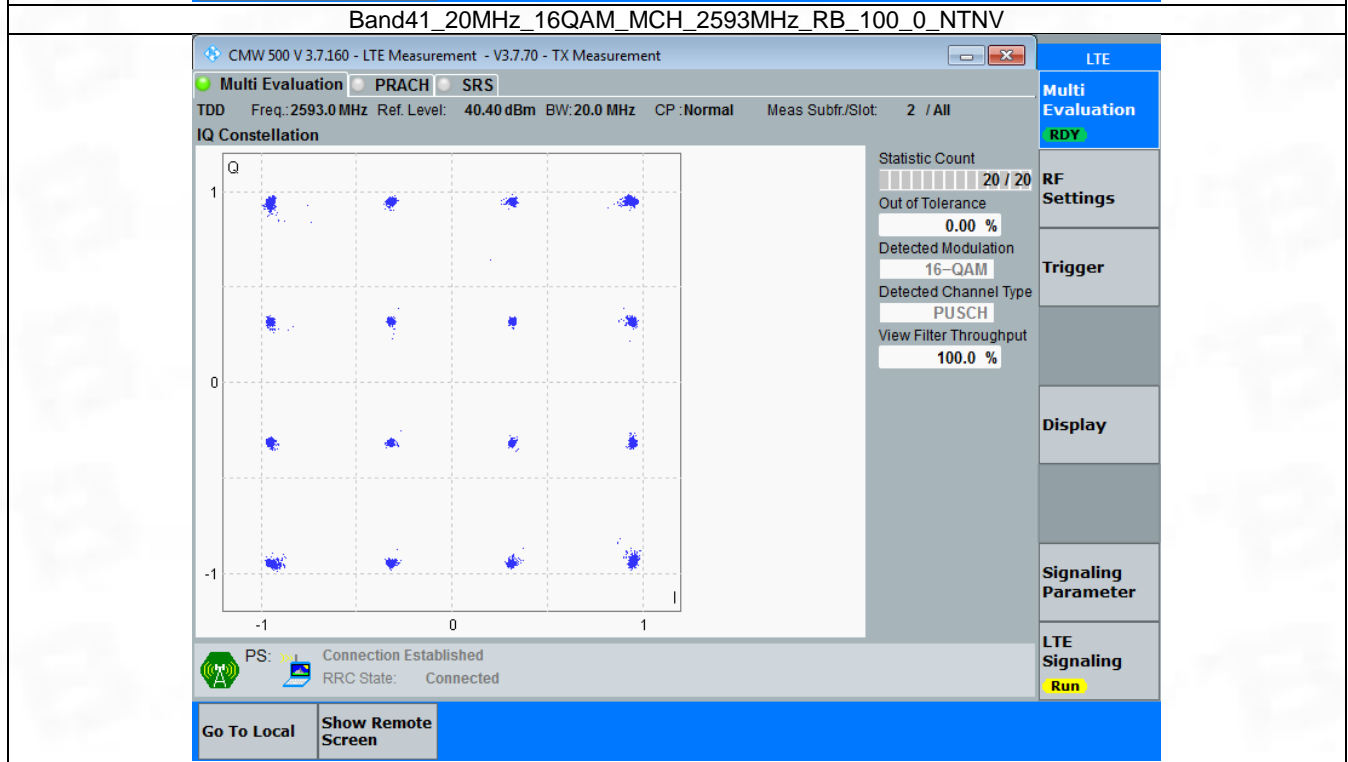
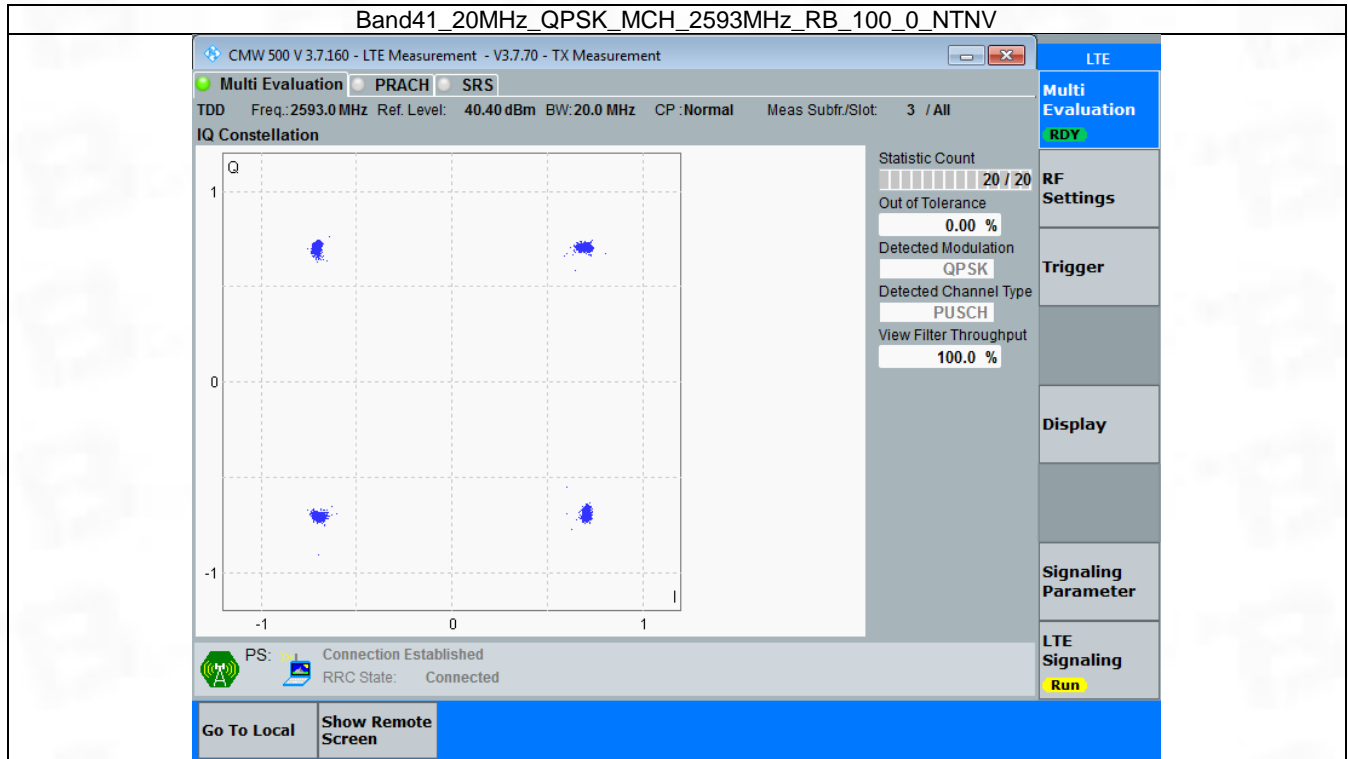


3.4 B41_20MHz

3.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	Refer To Test Graph	Pass	
16QAM	2593	100	0	Refer To Test Graph	Pass	

3.4.2 Test Graph



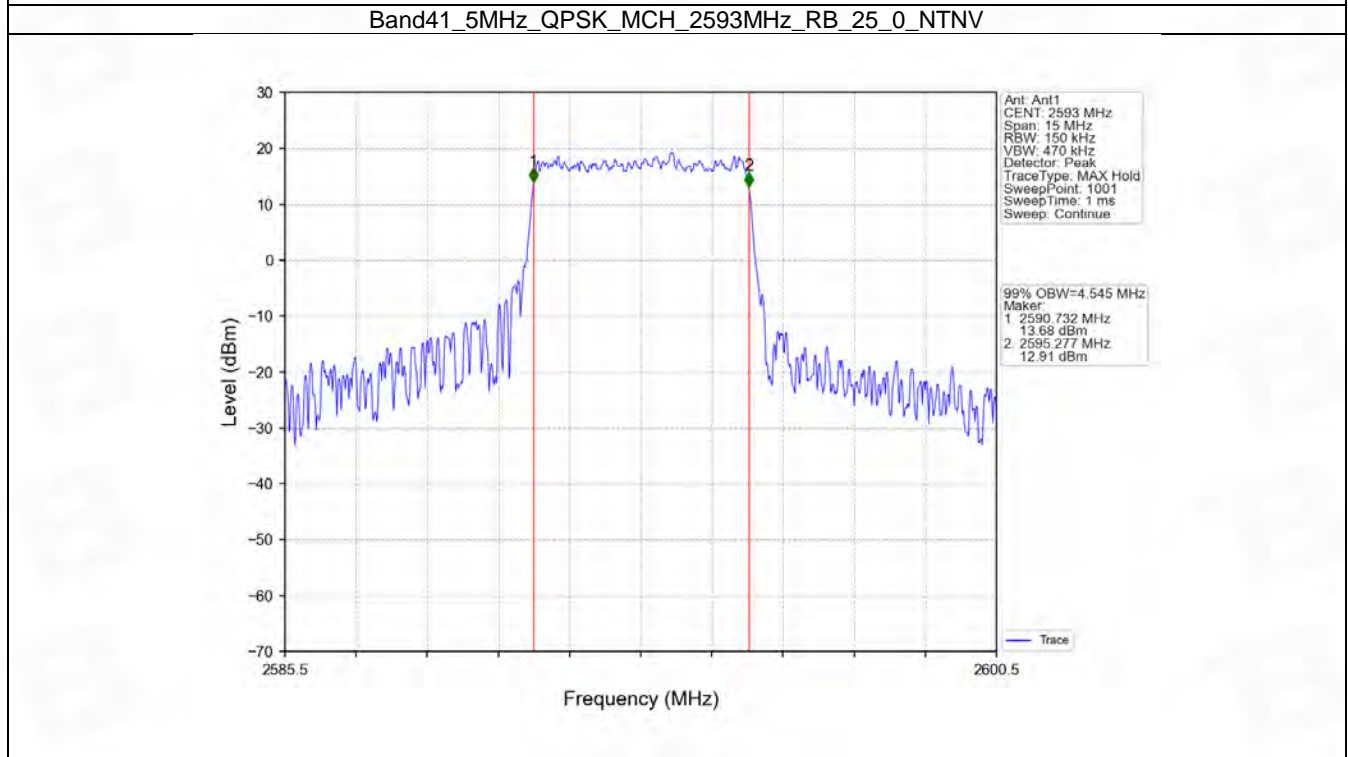
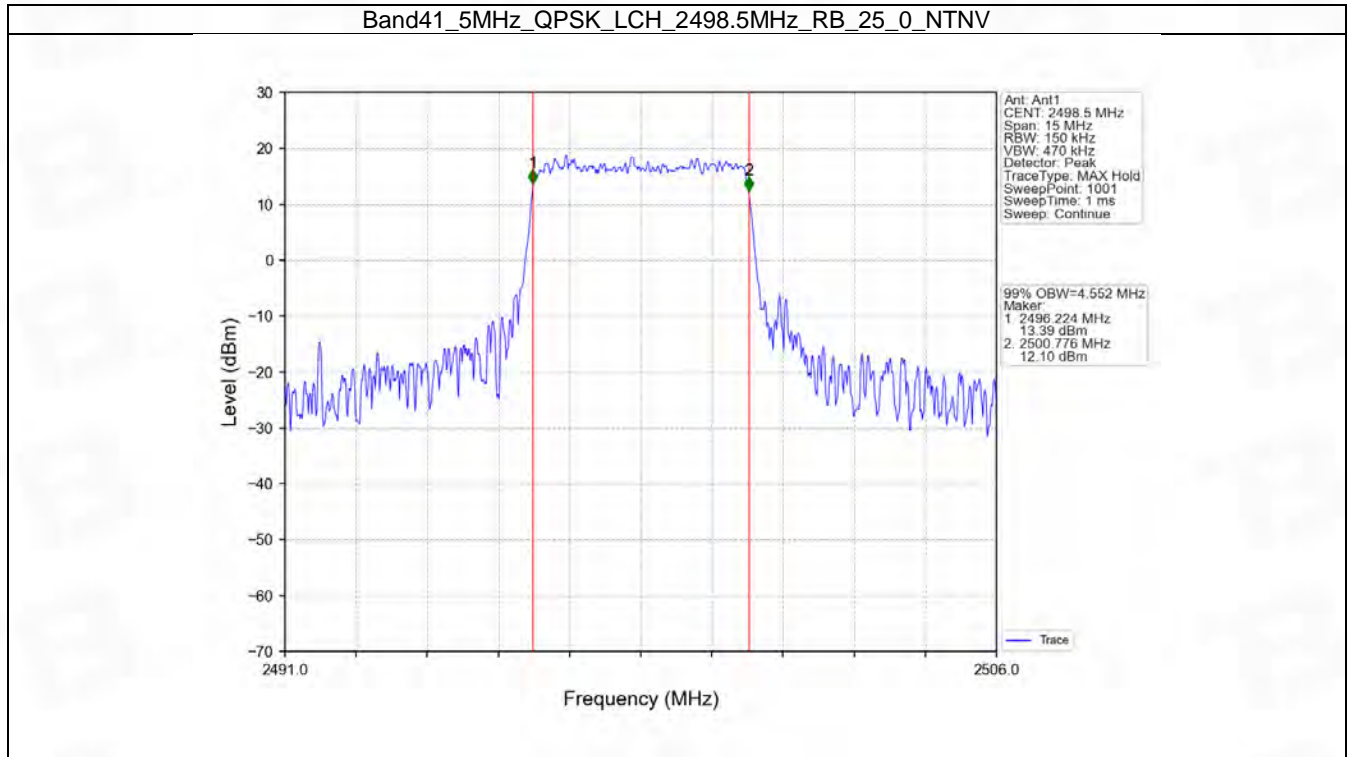
4. 99% & 26dB Bandwidth

4.1 Band41_OBW

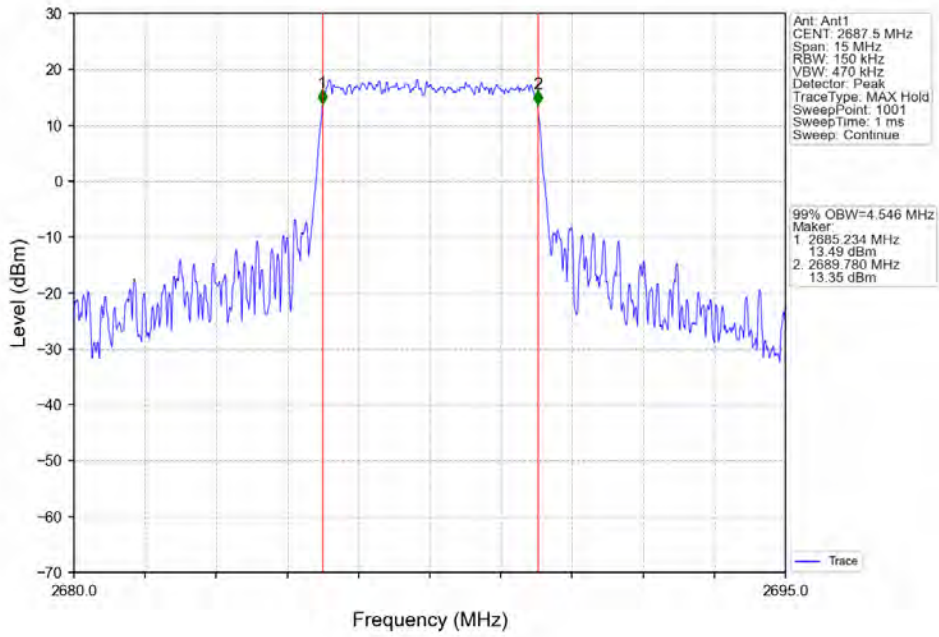
4.1.1 Test Result

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	4.552	/	Pass
		2593	25	0	4.545	/	Pass
		2687.5	25	0	4.546	/	Pass
	16QAM	2498.5	25	0	4.546	/	Pass
		2593	25	0	4.533	/	Pass
		2687.5	25	0	4.555	/	Pass
10	QPSK	2501	50	0	9.085	/	Pass
		2593	50	0	9.046	/	Pass
		2685	50	0	9.055	/	Pass
	16QAM	2501	50	0	9.104	/	Pass
		2593	50	0	9.057	/	Pass
		2685	50	0	9.073	/	Pass
15	QPSK	2503.5	75	0	13.600	/	Pass
		2593	75	0	13.596	/	Pass
		2682.5	75	0	13.626	/	Pass
	16QAM	2503.5	75	0	13.654	/	Pass
		2593	75	0	13.575	/	Pass
		2682.5	75	0	13.623	/	Pass
20	QPSK	2506	100	0	18.124	/	Pass
		2593	100	0	18.068	/	Pass
		2680	100	0	18.137	/	Pass
	16QAM	2506	100	0	18.070	/	Pass
		2593	100	0	18.103	/	Pass
		2680	100	0	18.081	/	Pass

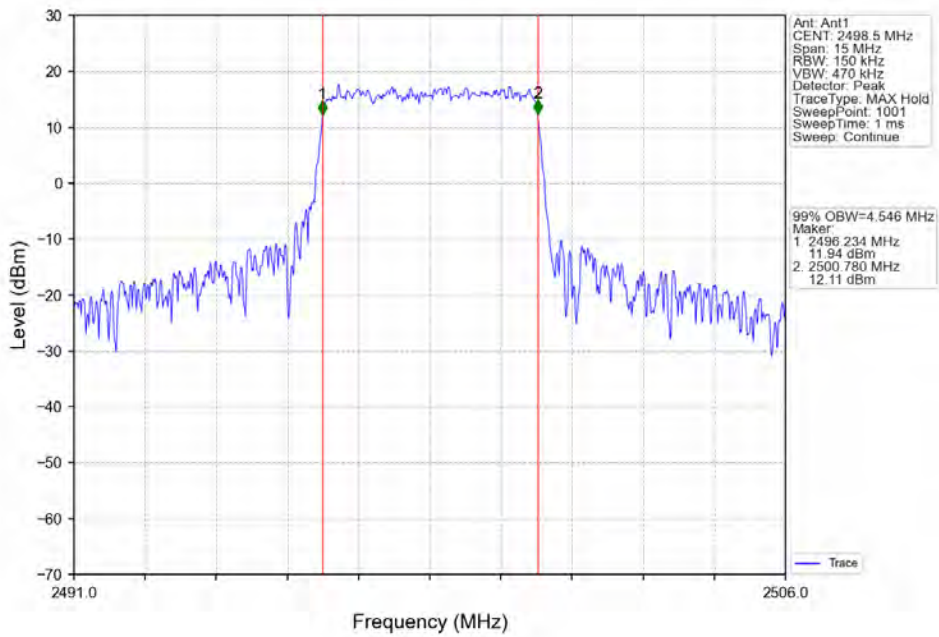
4.1.2 Test Graph



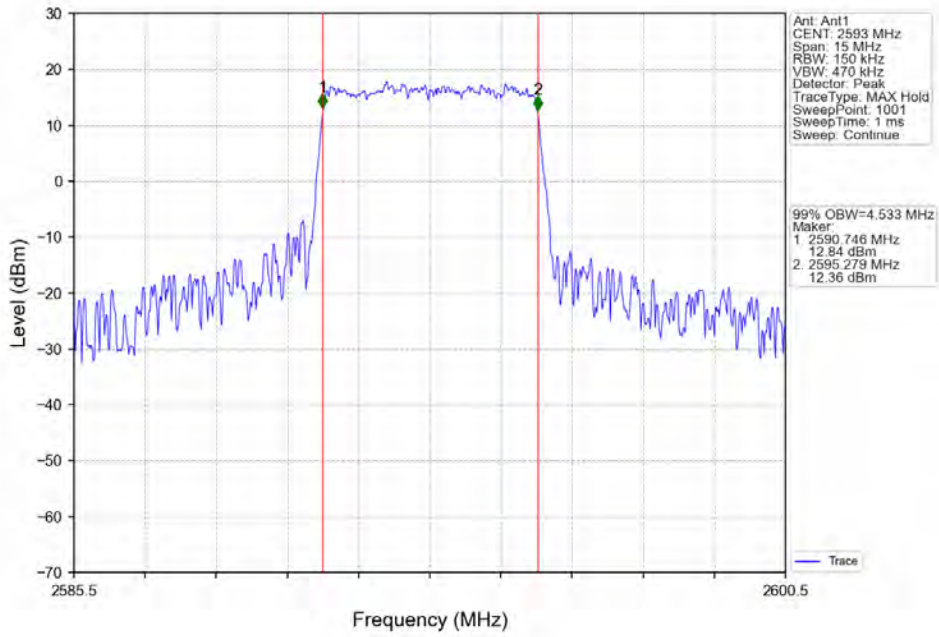
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



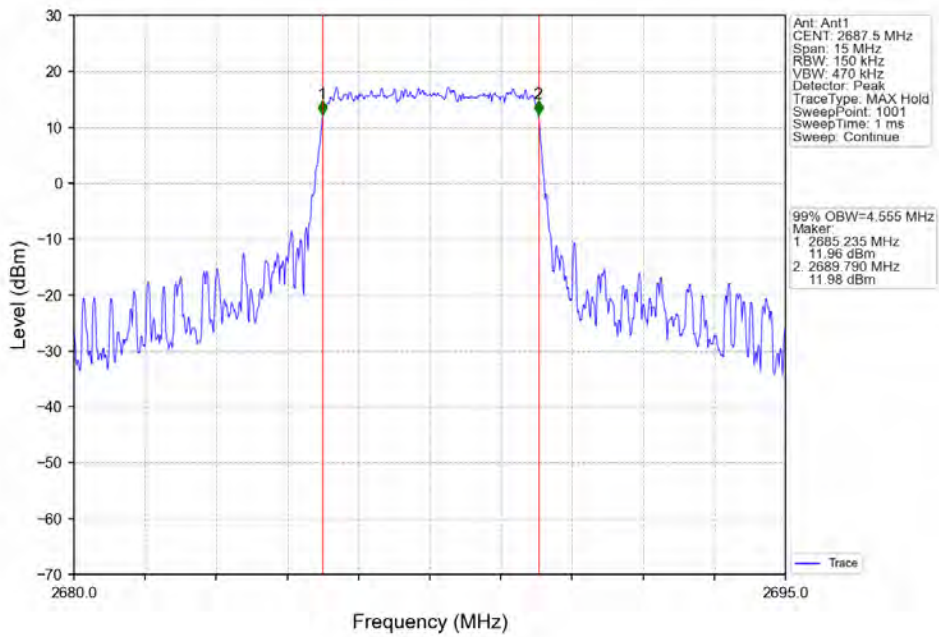
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



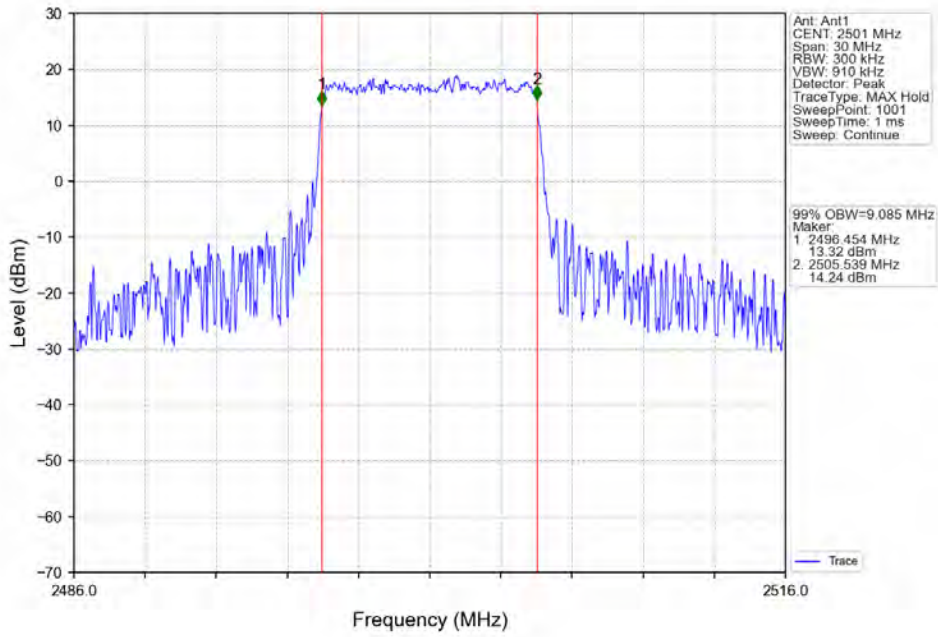
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



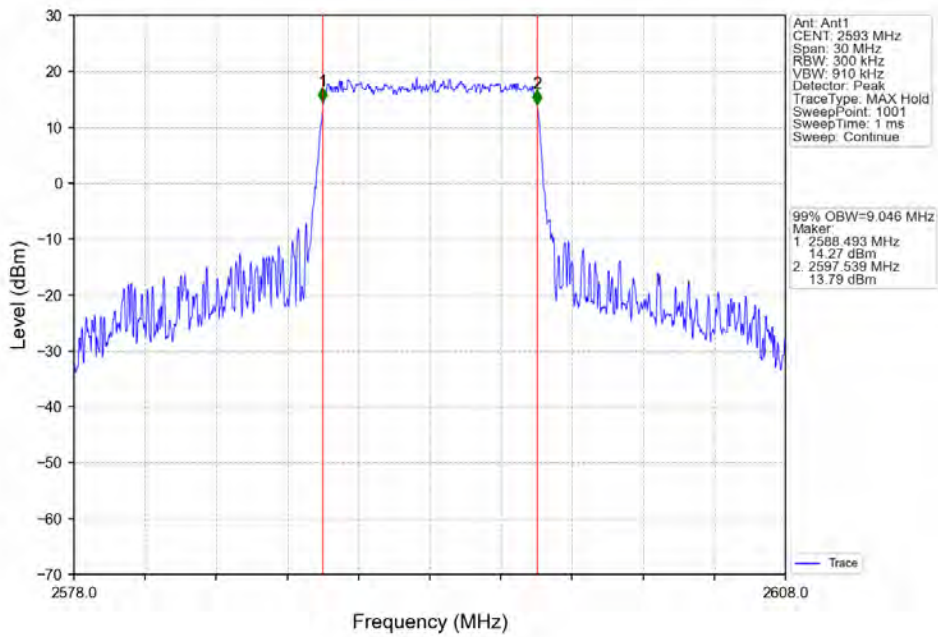
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



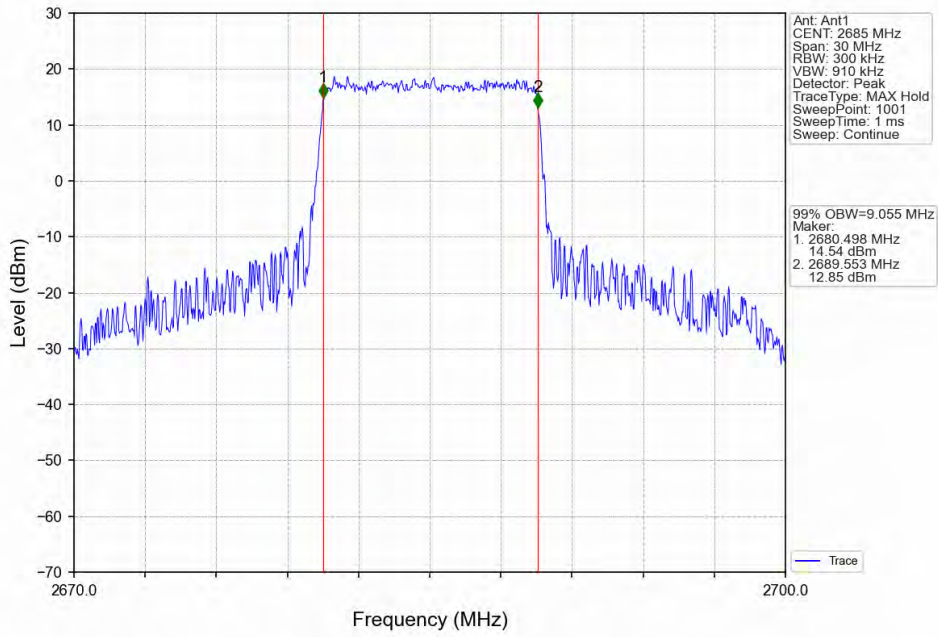
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



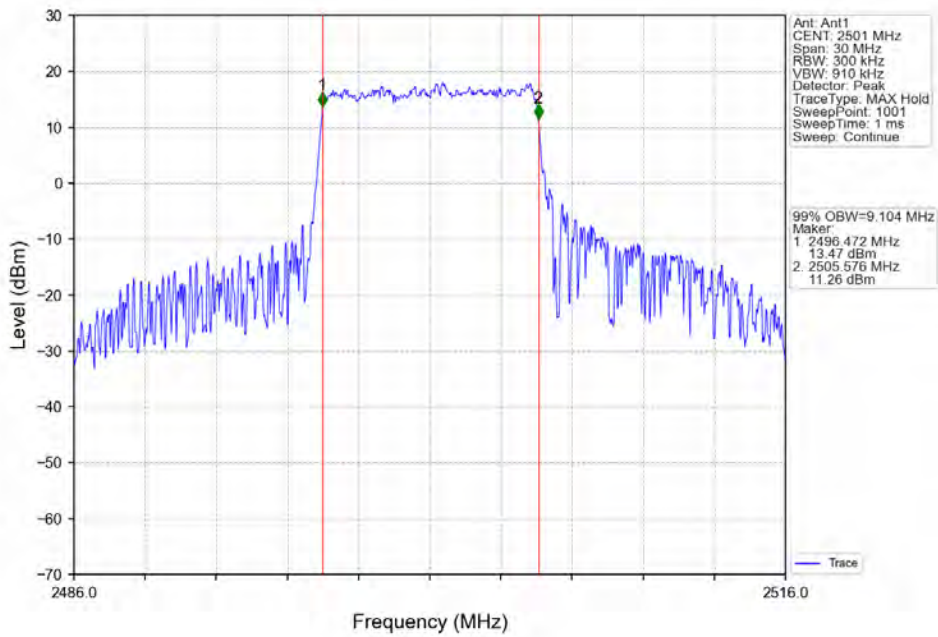
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



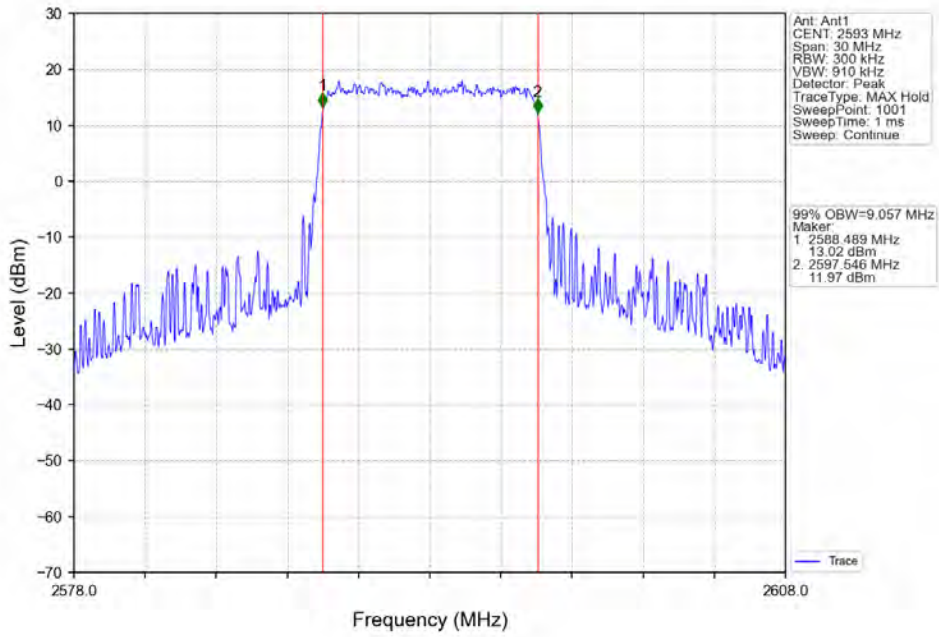
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



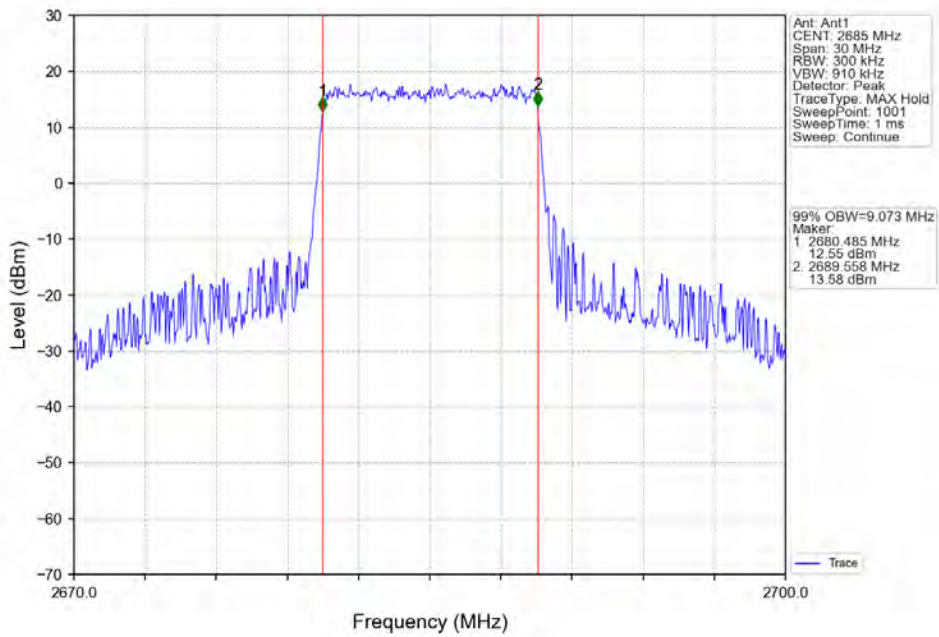
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



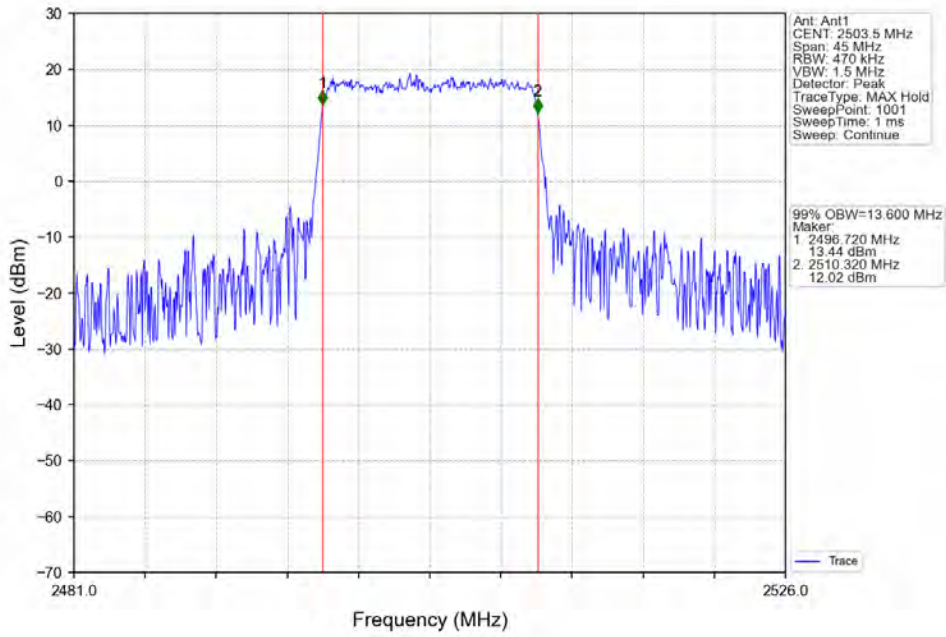
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



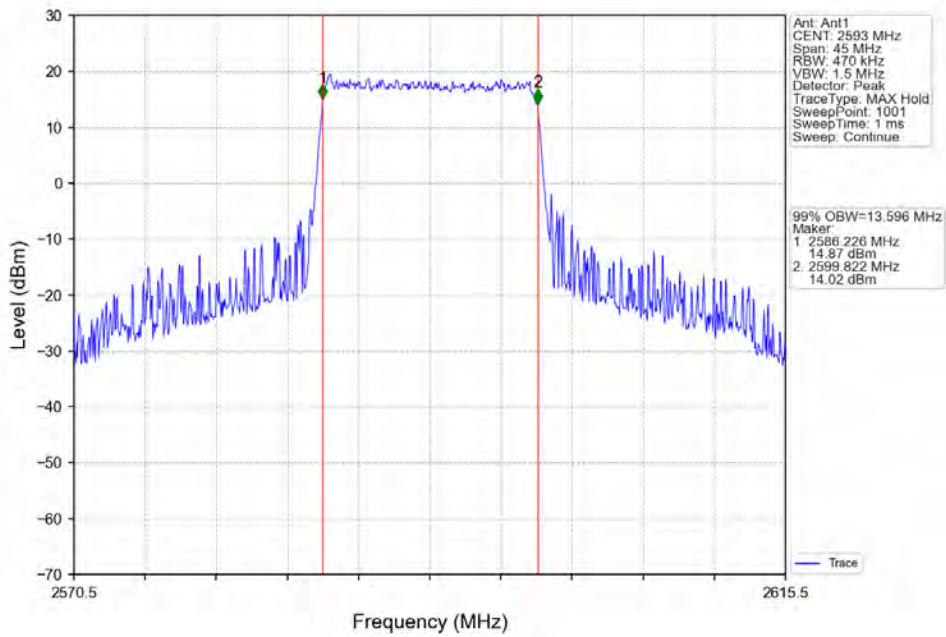
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



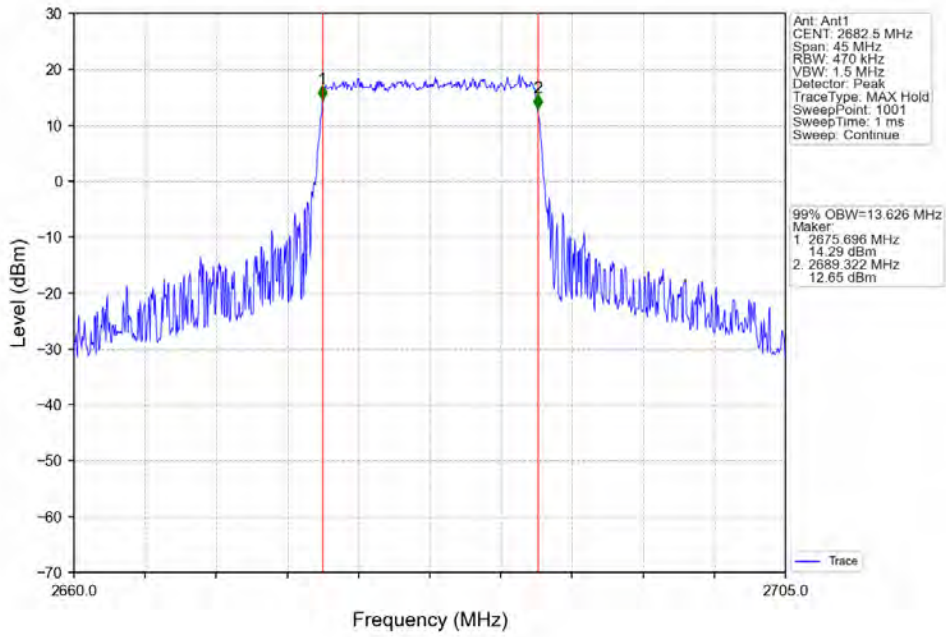
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



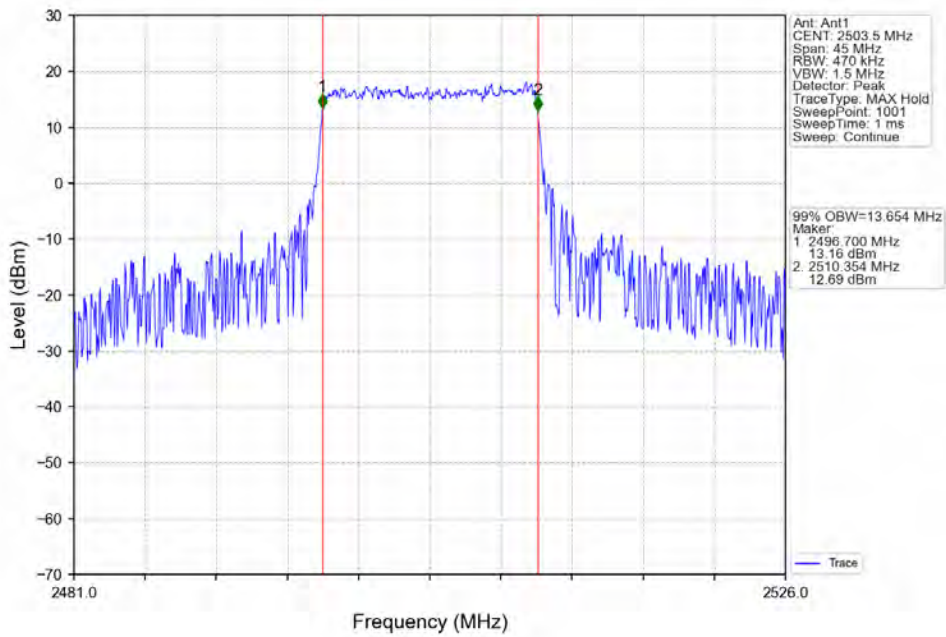
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



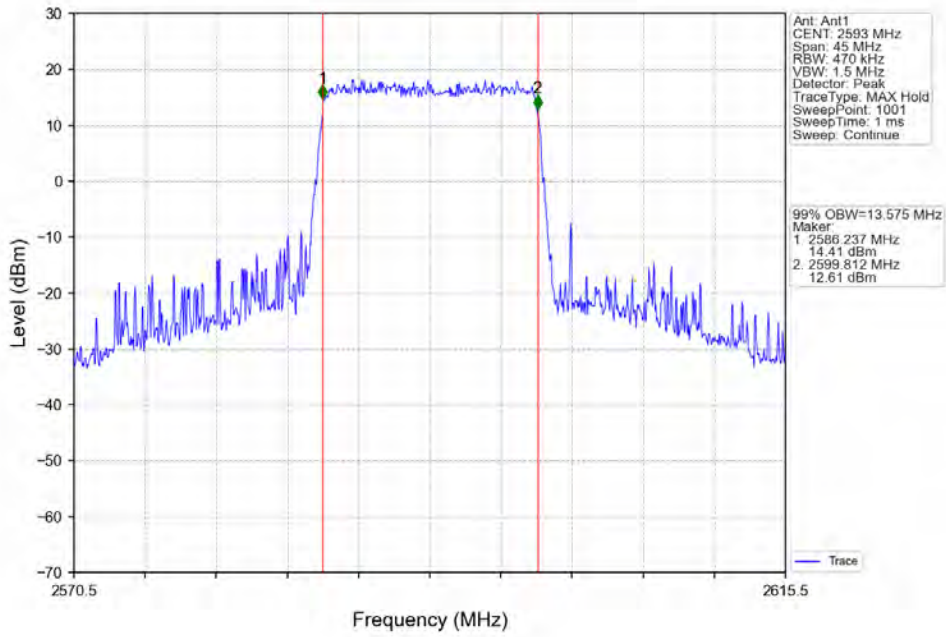
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



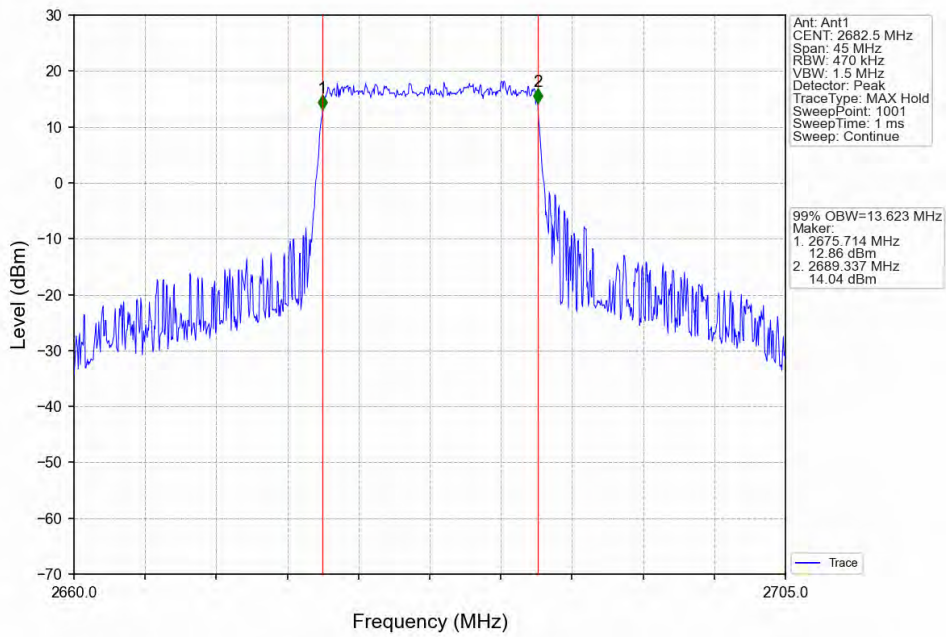
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



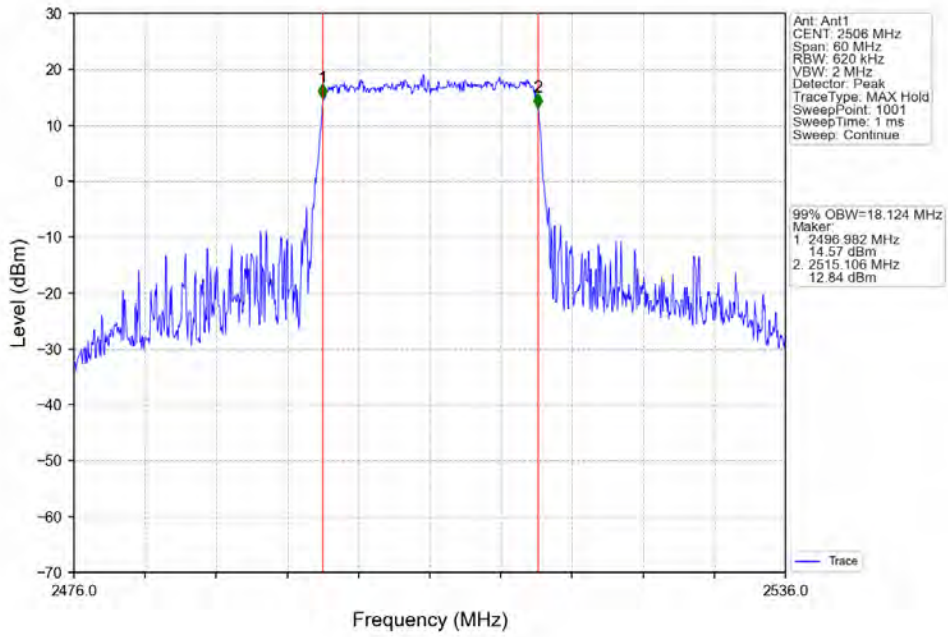
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



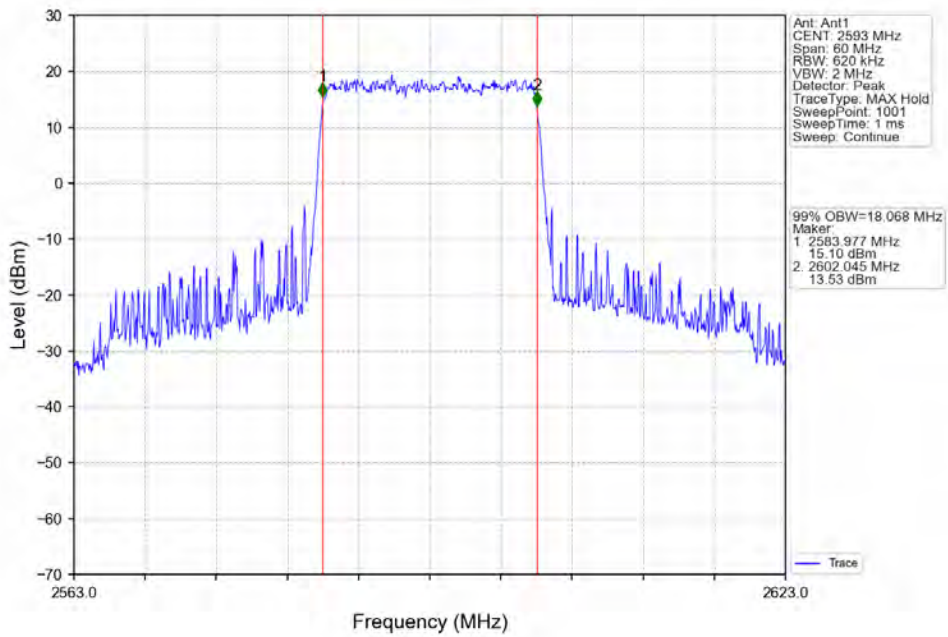
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



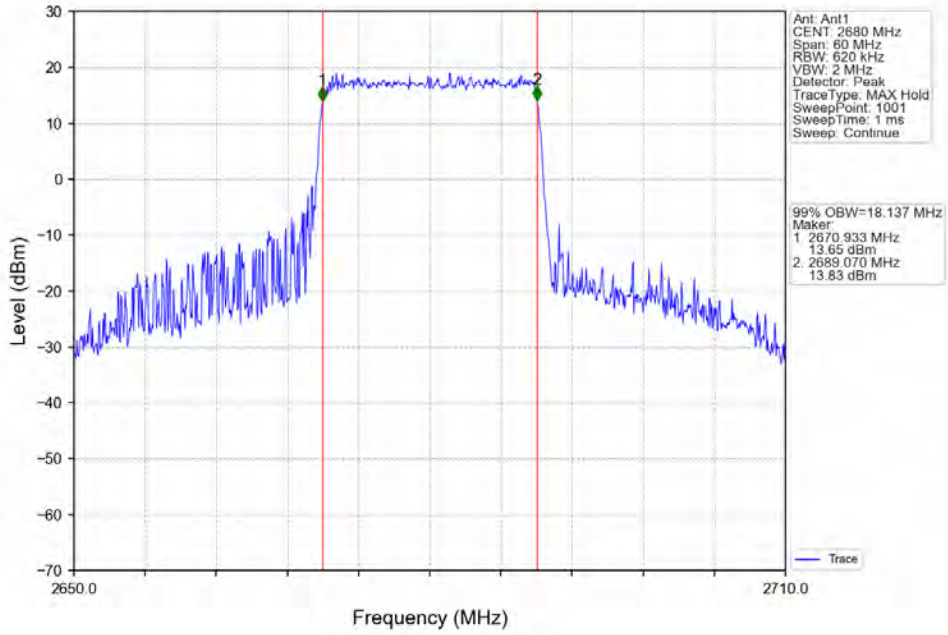
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



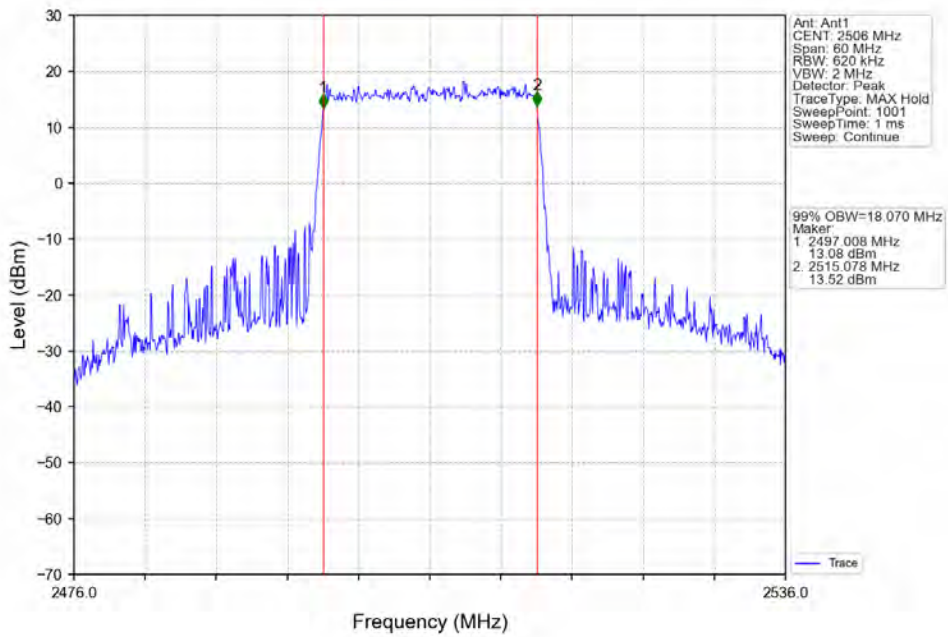
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



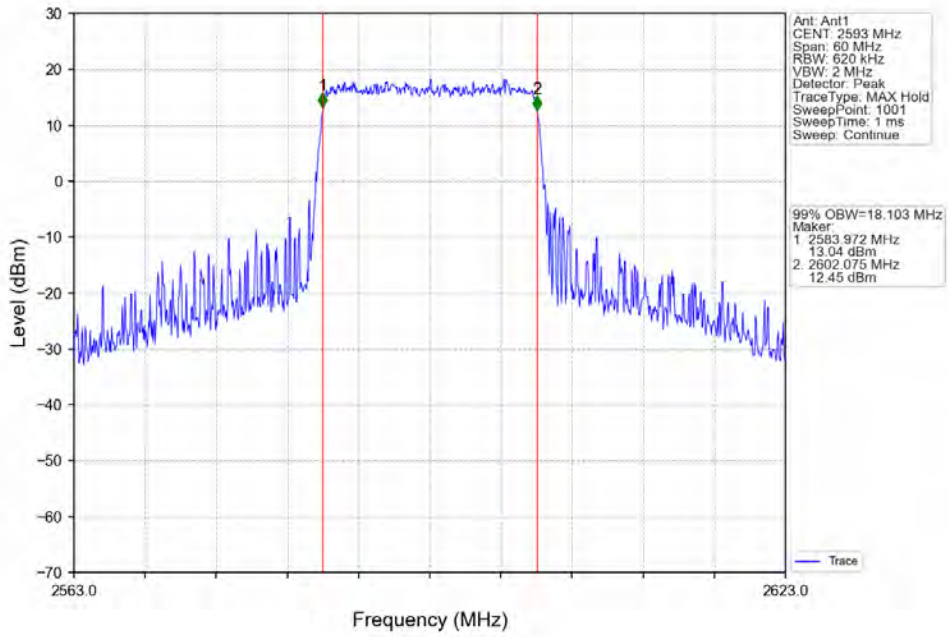
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



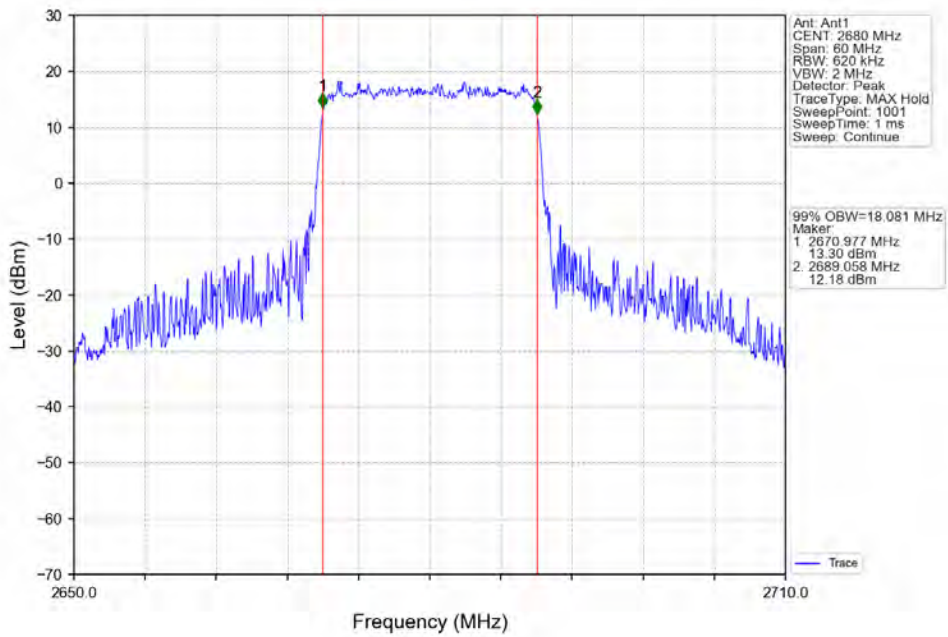
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV

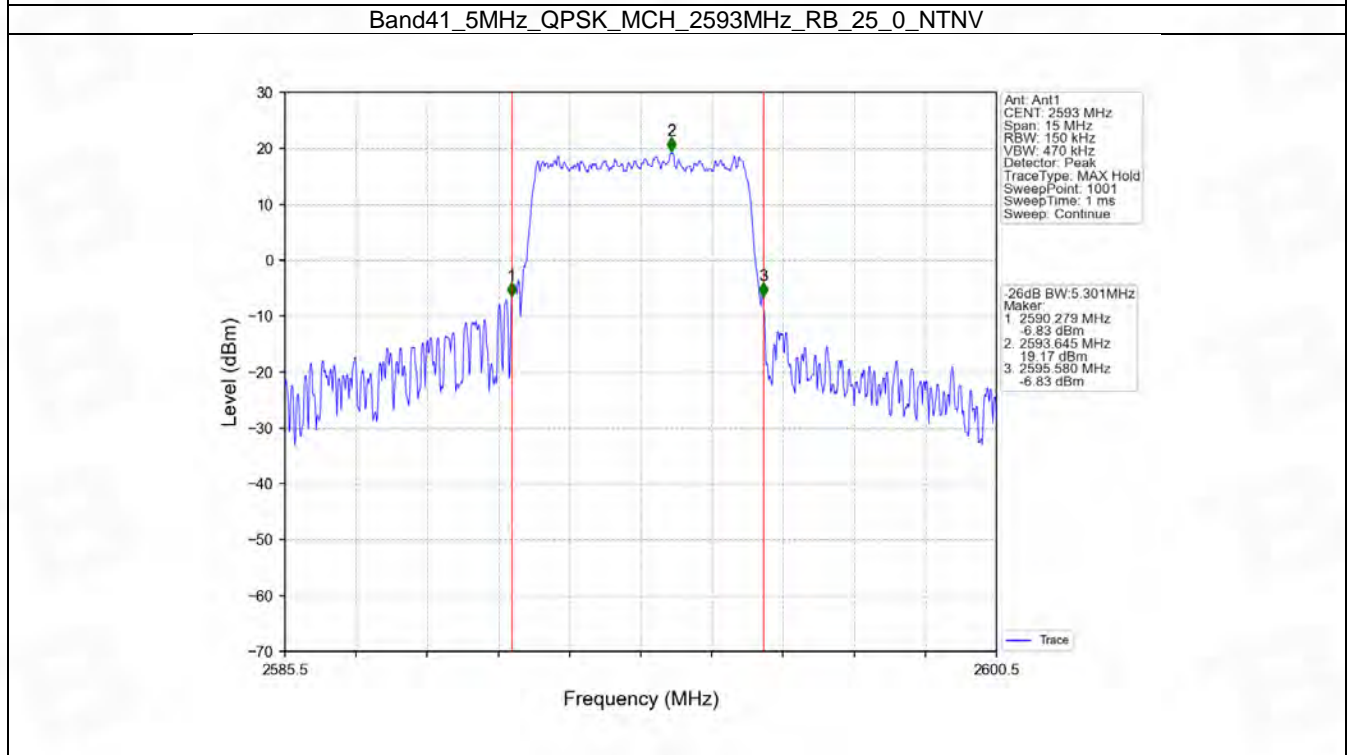
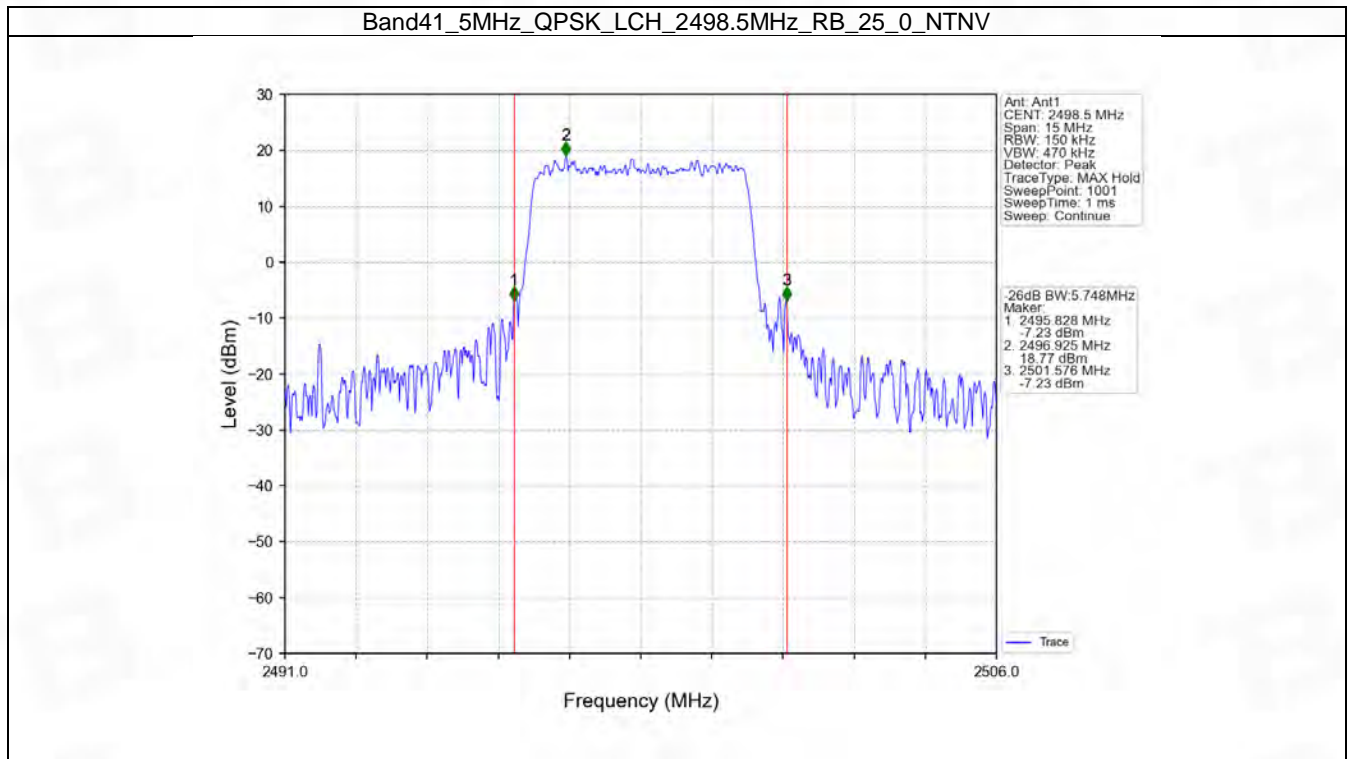


4.2 Band41_XDB

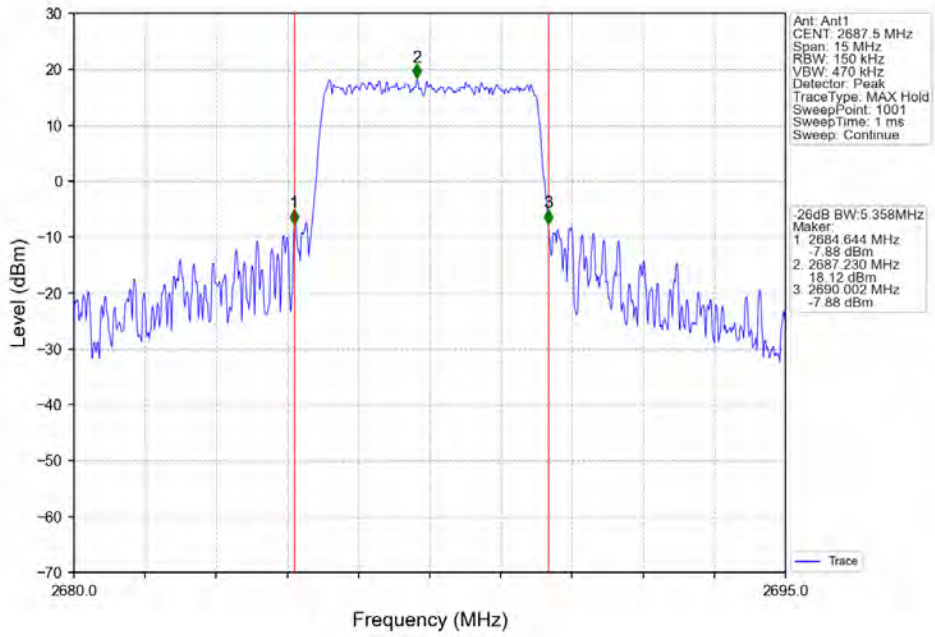
4.2.1 Test Result

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.748	/	Pass
		2593	25	0	5.301	/	Pass
		2687.5	25	0	5.358	/	Pass
	16QAM	2498.5	25	0	5.351	/	Pass
		2593	25	0	5.249	/	Pass
		2687.5	25	0	5.460	/	Pass
10	QPSK	2501	50	0	11.666	/	Pass
		2593	50	0	10.300	/	Pass
		2685	50	0	9.943	/	Pass
	16QAM	2501	50	0	12.278	/	Pass
		2593	50	0	11.017	/	Pass
		2685	50	0	10.587	/	Pass
15	QPSK	2503.5	75	0	17.612	/	Pass
		2593	75	0	16.081	/	Pass
		2682.5	75	0	17.024	/	Pass
	16QAM	2503.5	75	0	17.599	/	Pass
		2593	75	0	16.410	/	Pass
		2682.5	75	0	16.155	/	Pass
20	QPSK	2506	100	0	20.531	/	Pass
		2593	100	0	20.950	/	Pass
		2680	100	0	21.476	/	Pass
	16QAM	2506	100	0	20.003	/	Pass
		2593	100	0	23.108	/	Pass
		2680	100	0	21.209	/	Pass

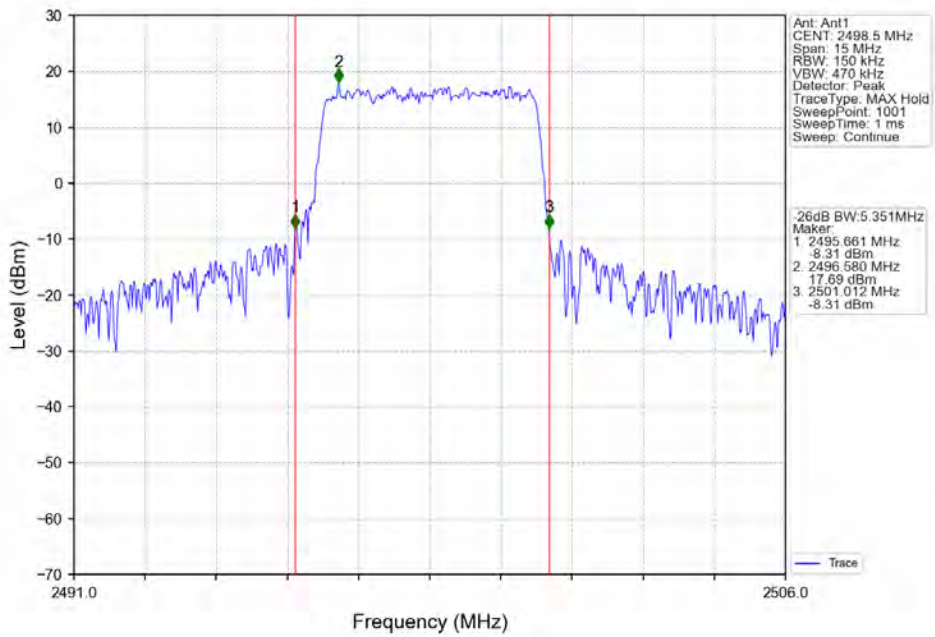
4.2.2 Test Graph



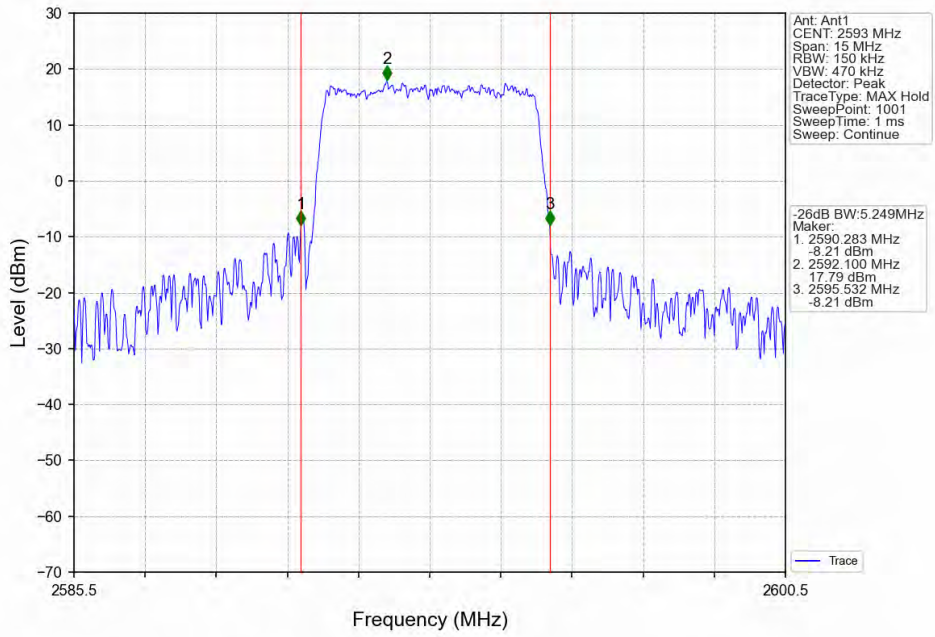
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



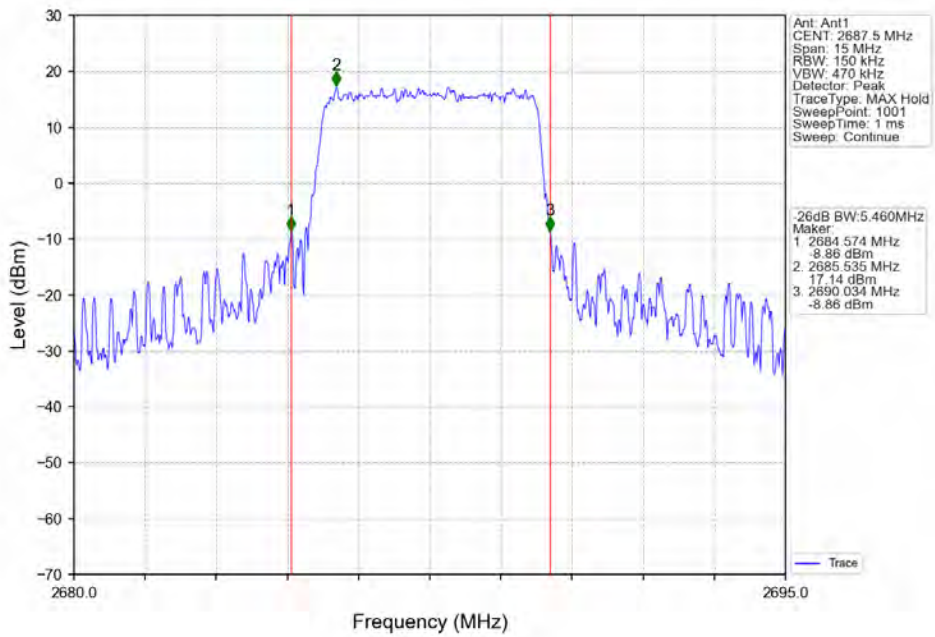
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



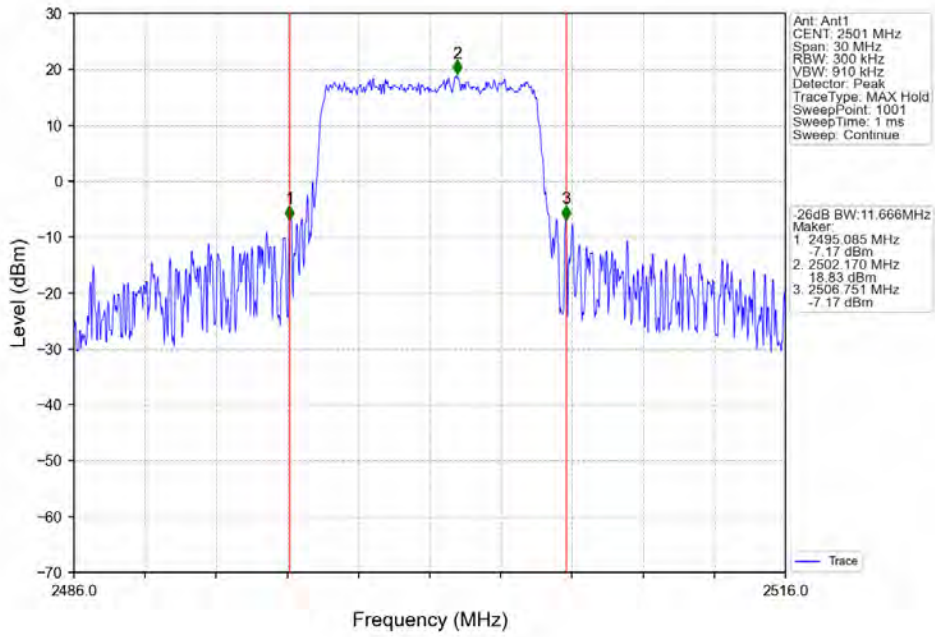
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



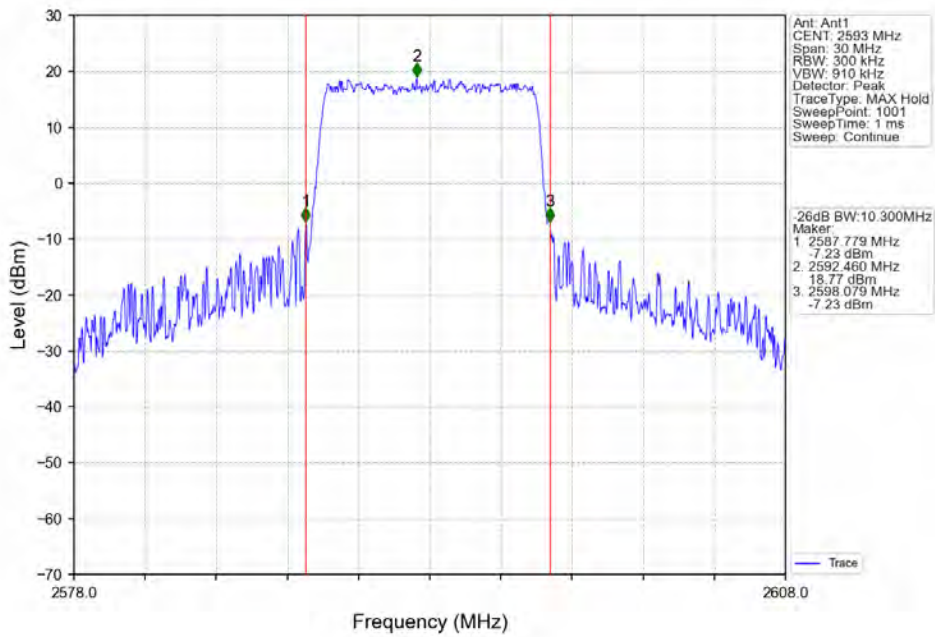
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



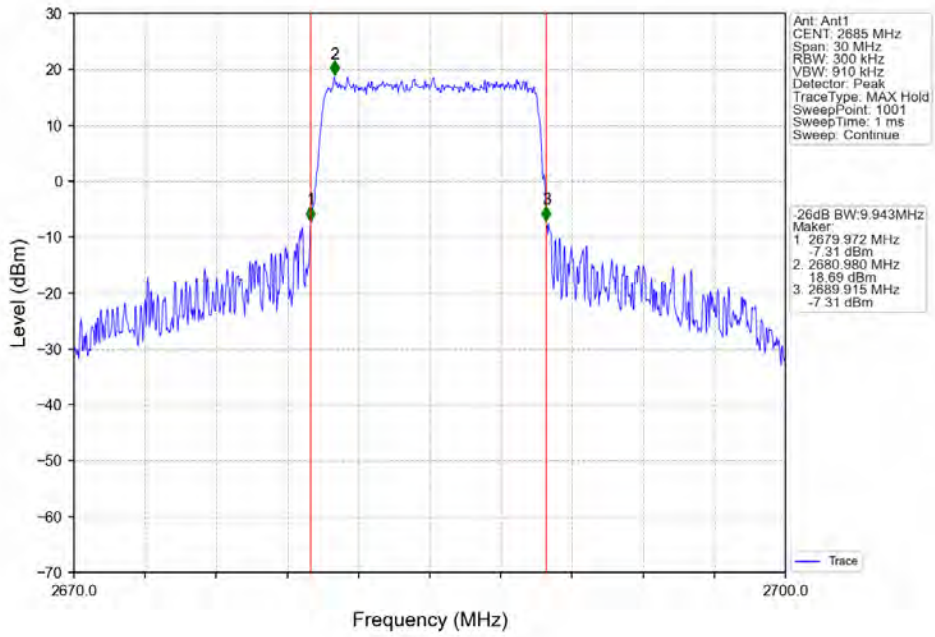
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



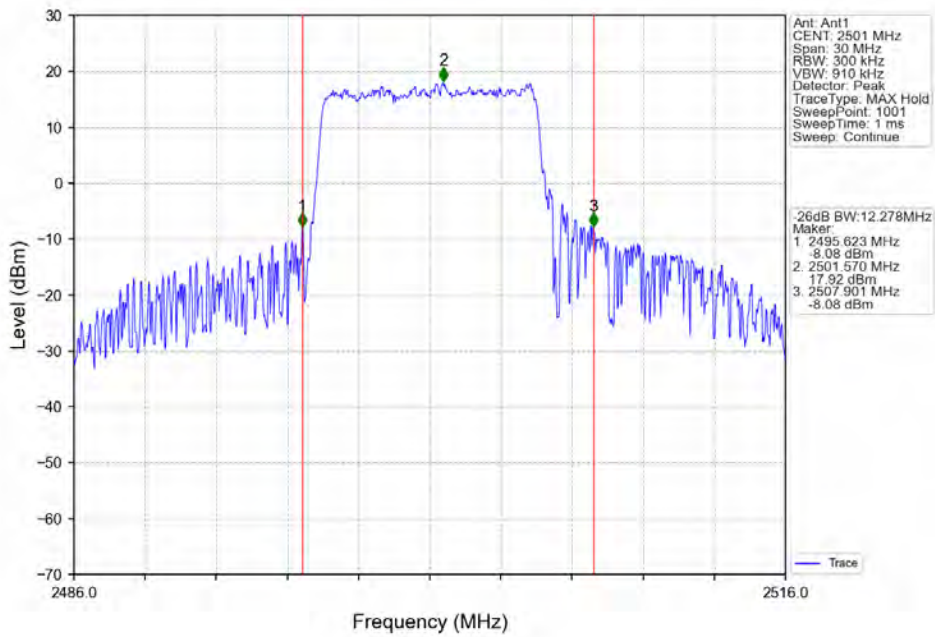
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



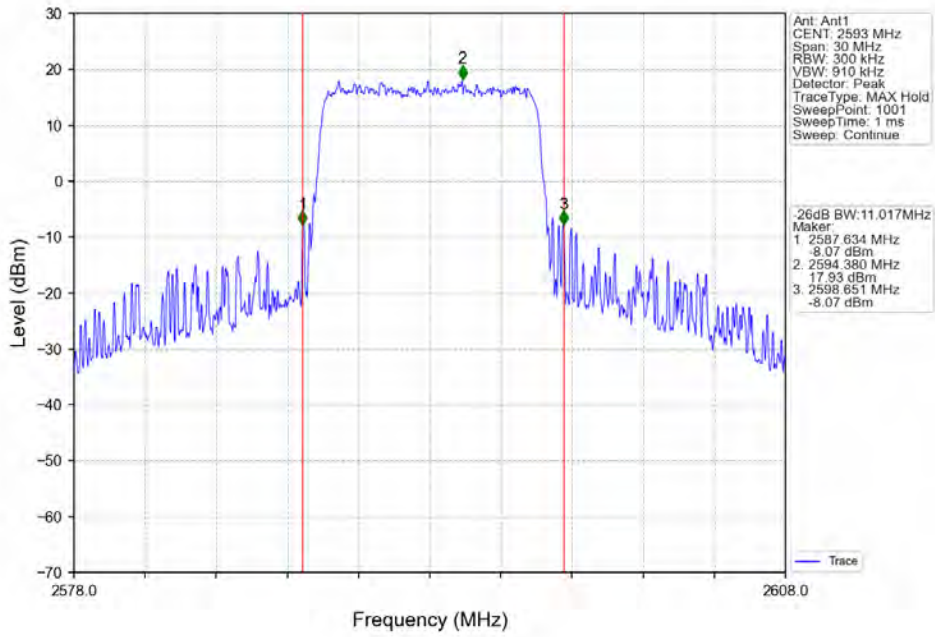
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



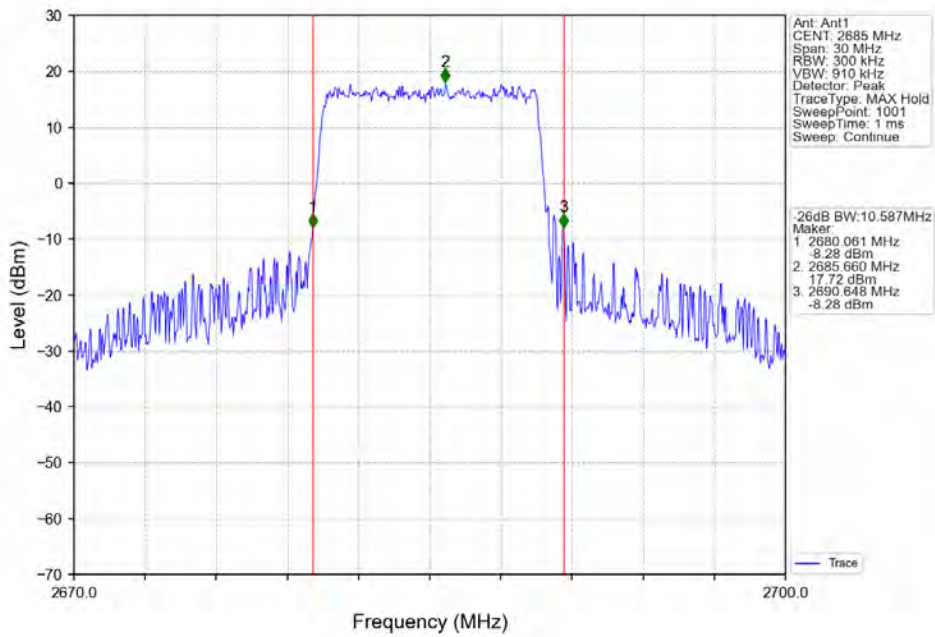
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



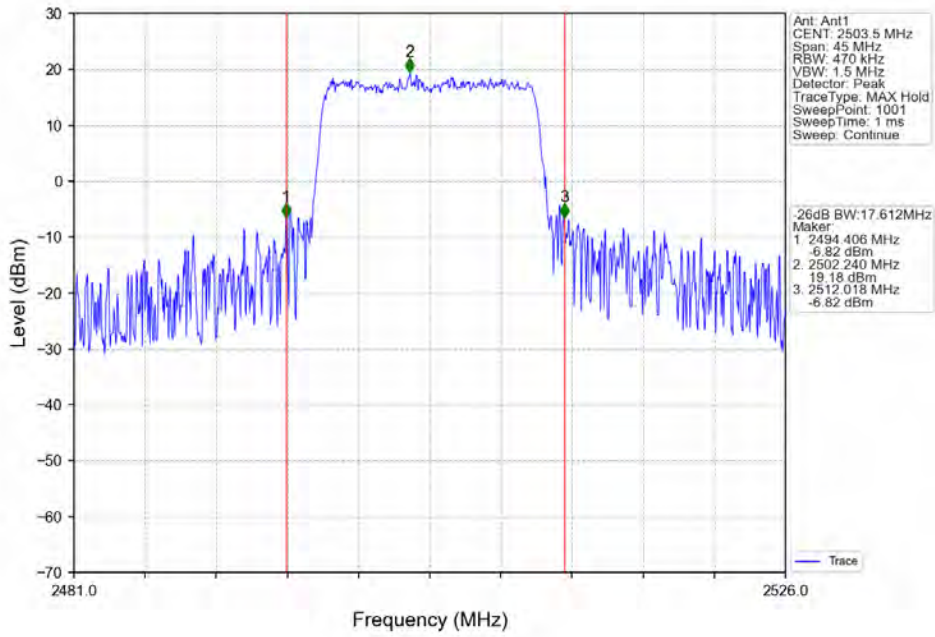
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



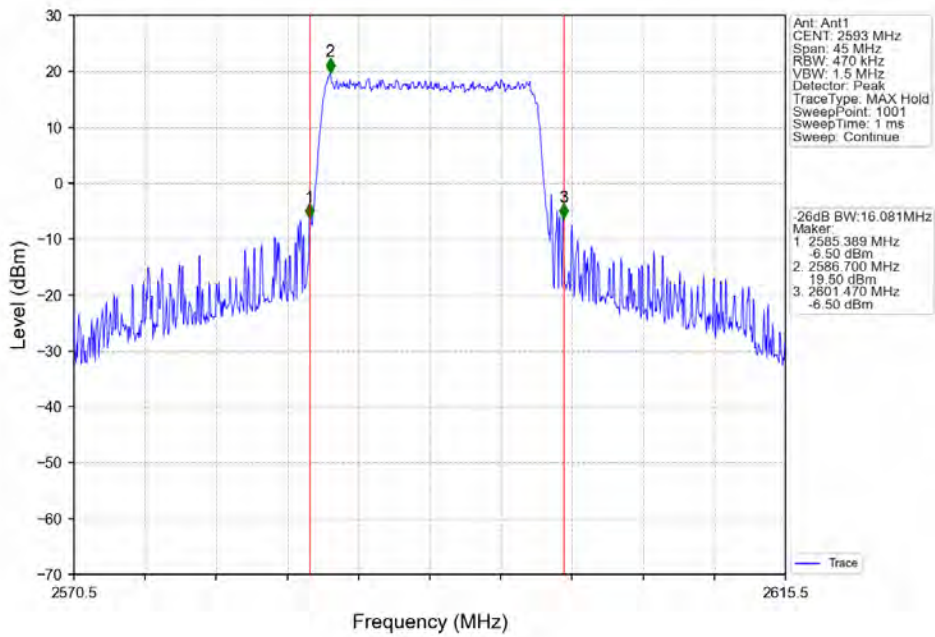
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



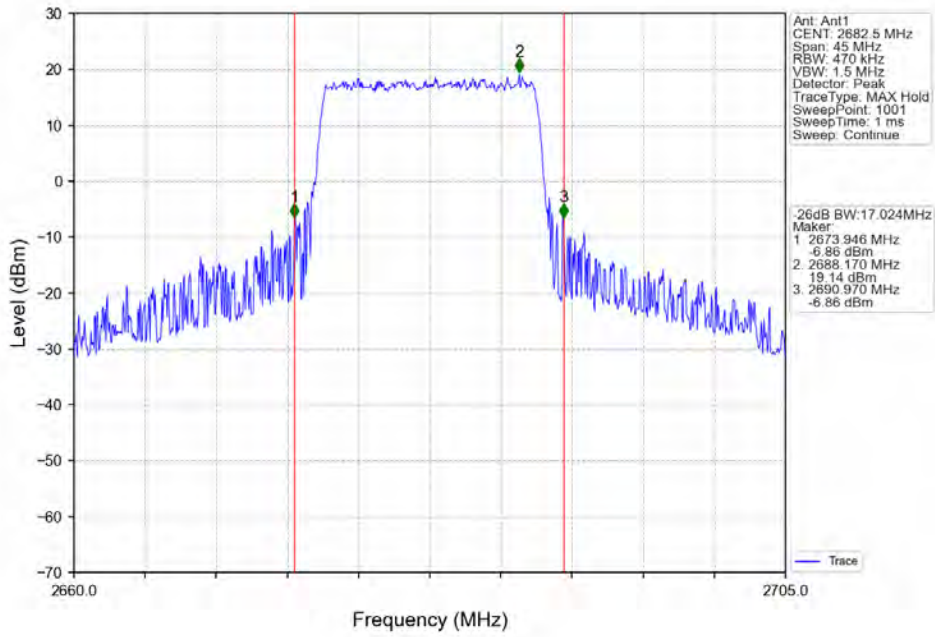
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



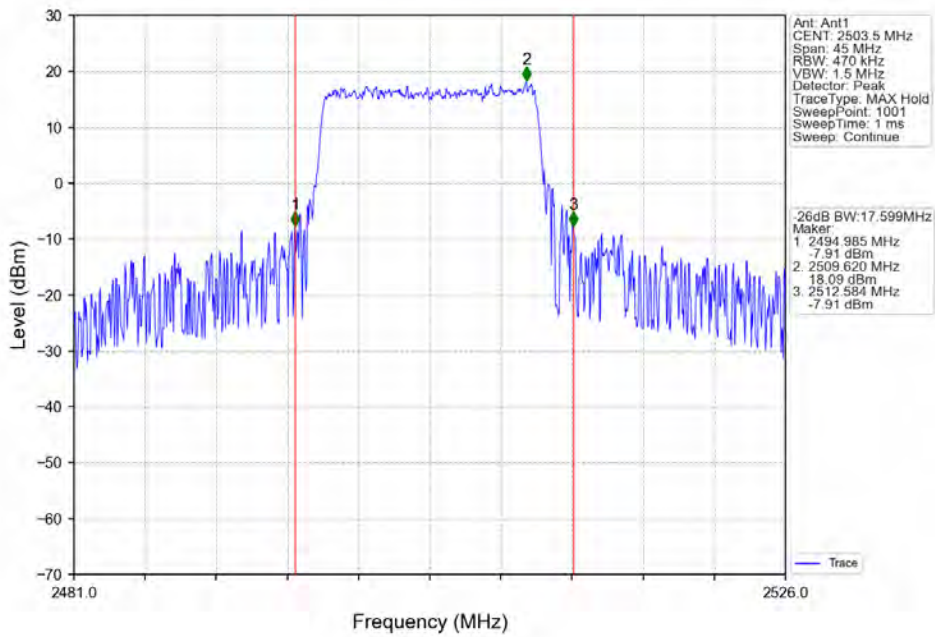
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



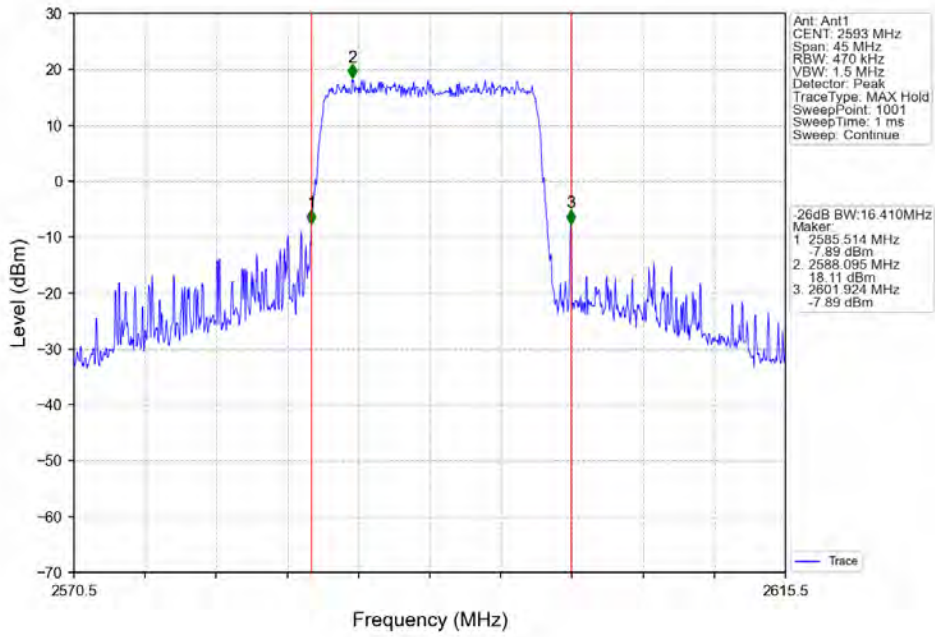
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



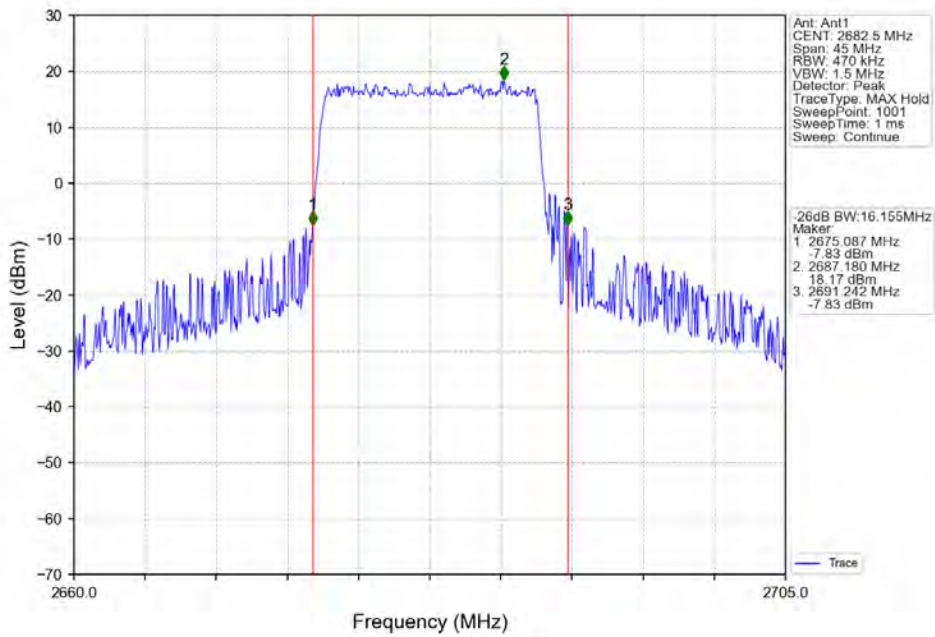
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



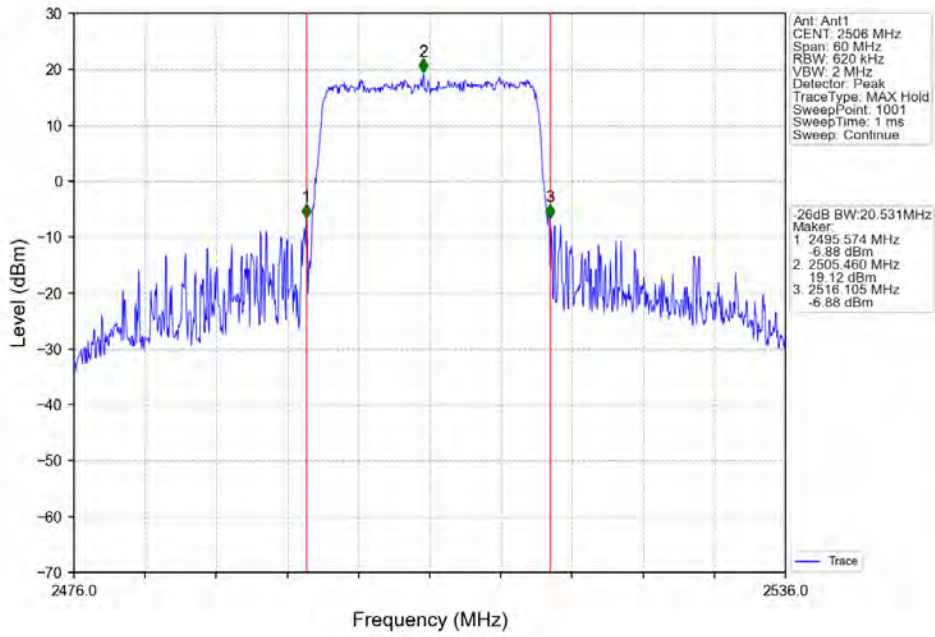
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



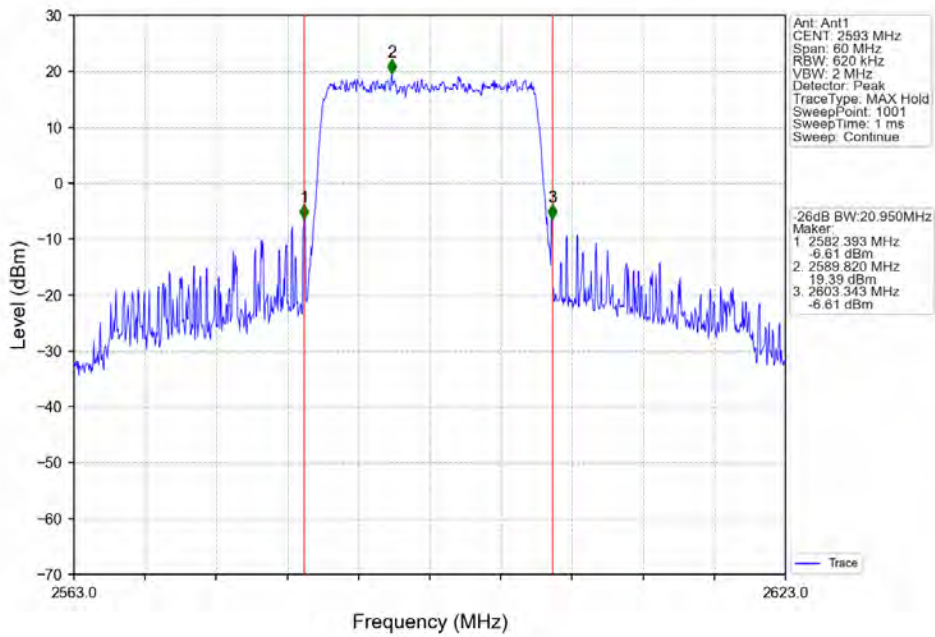
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



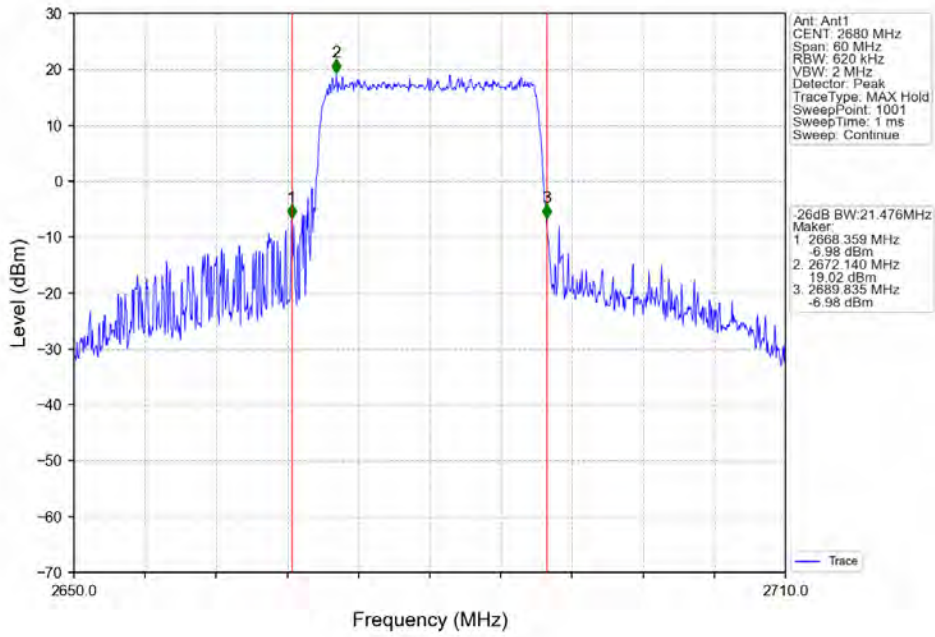
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



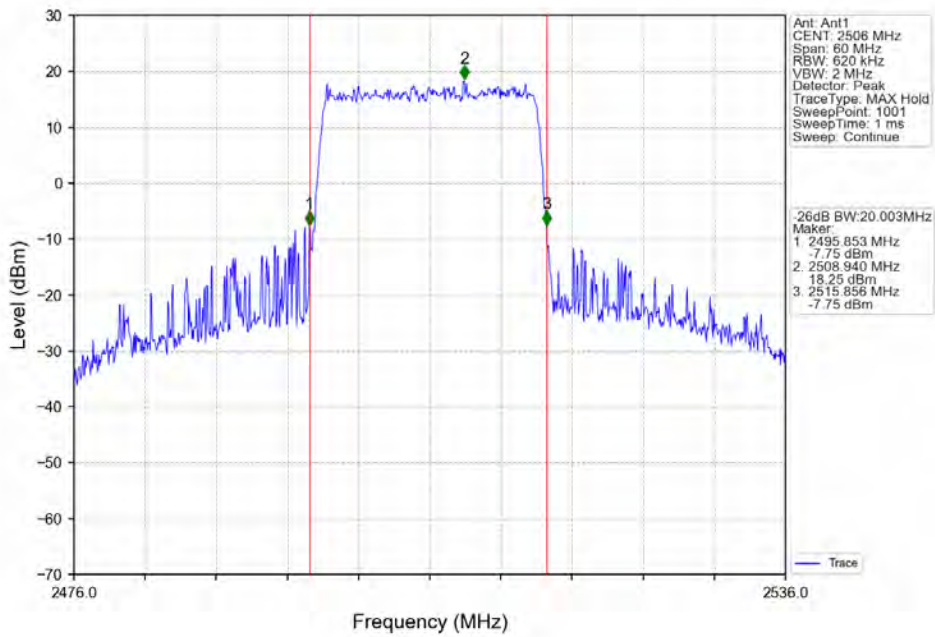
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



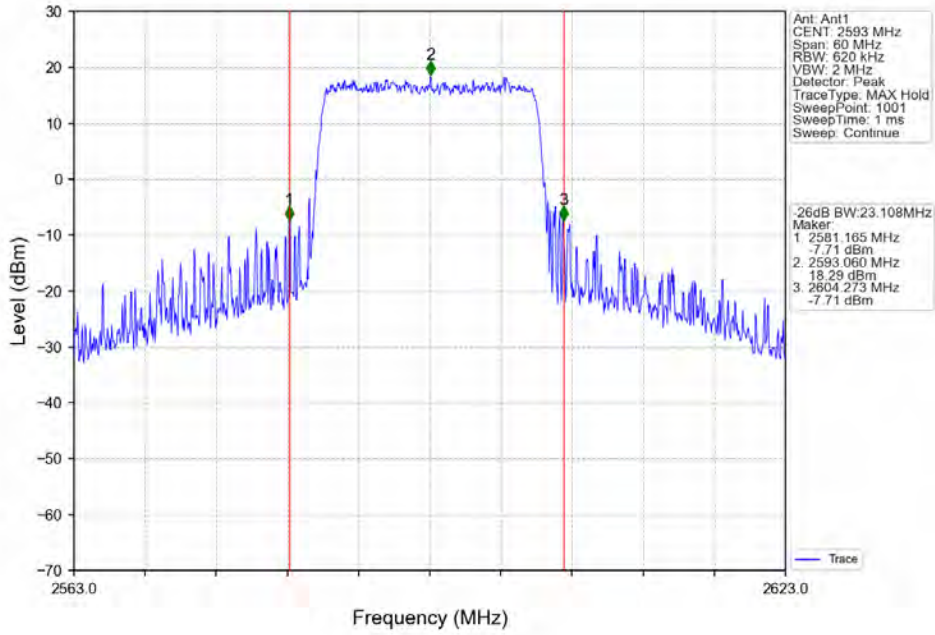
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



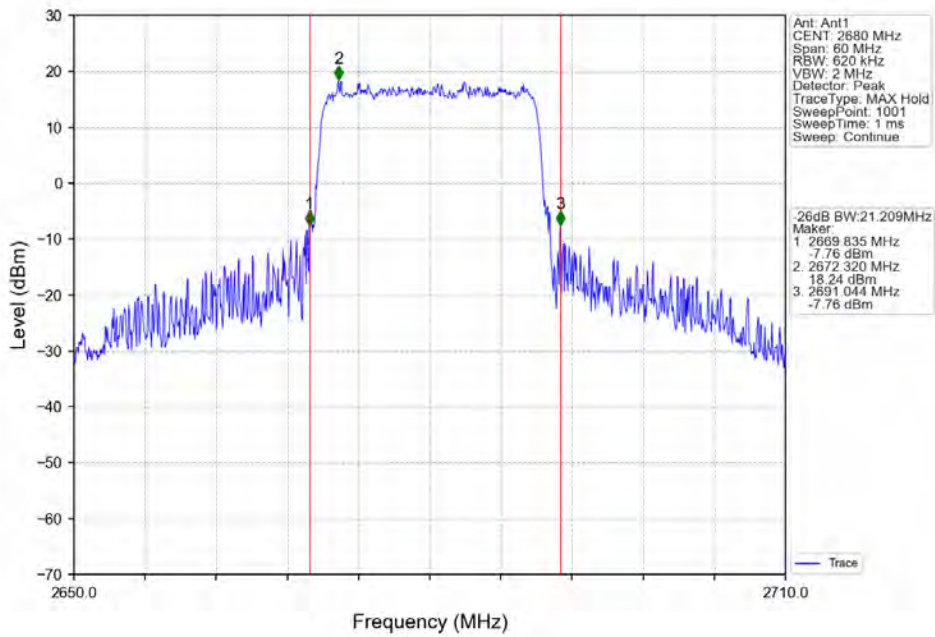
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



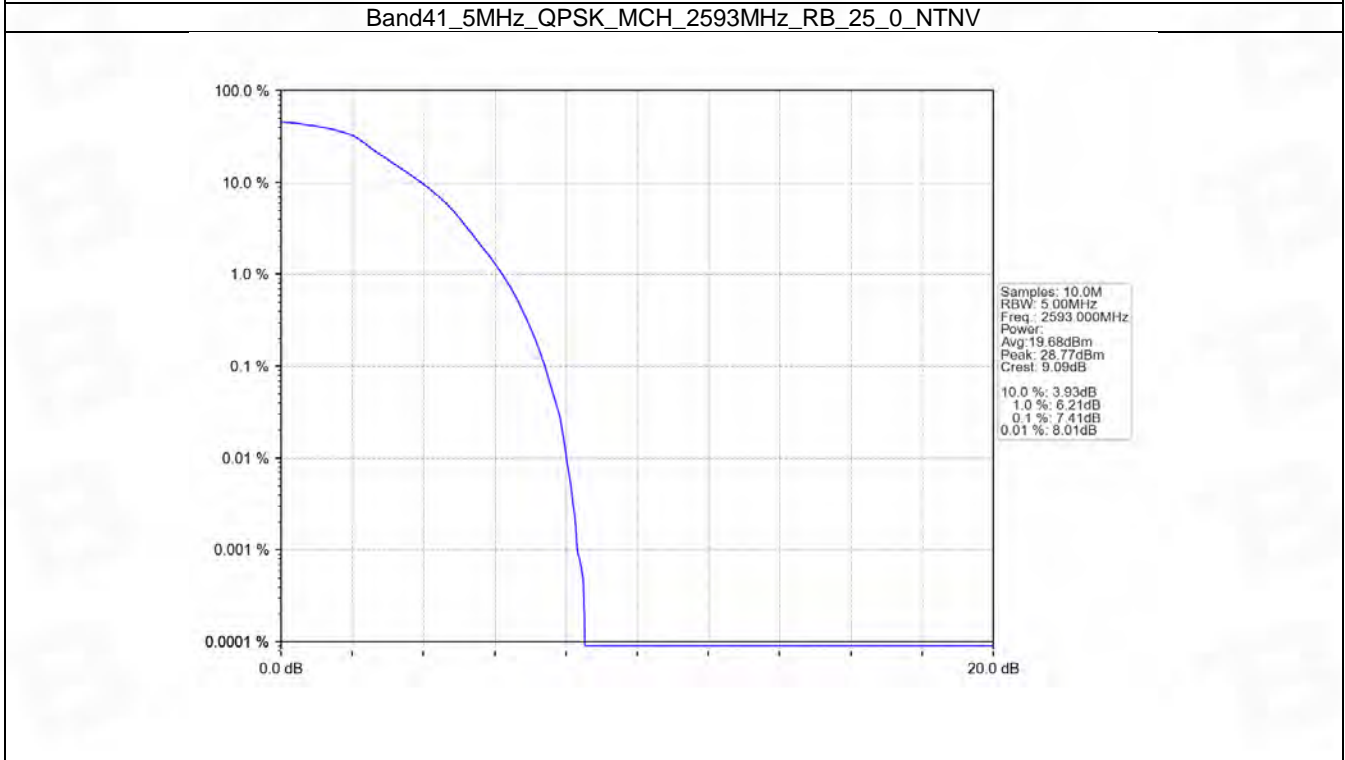
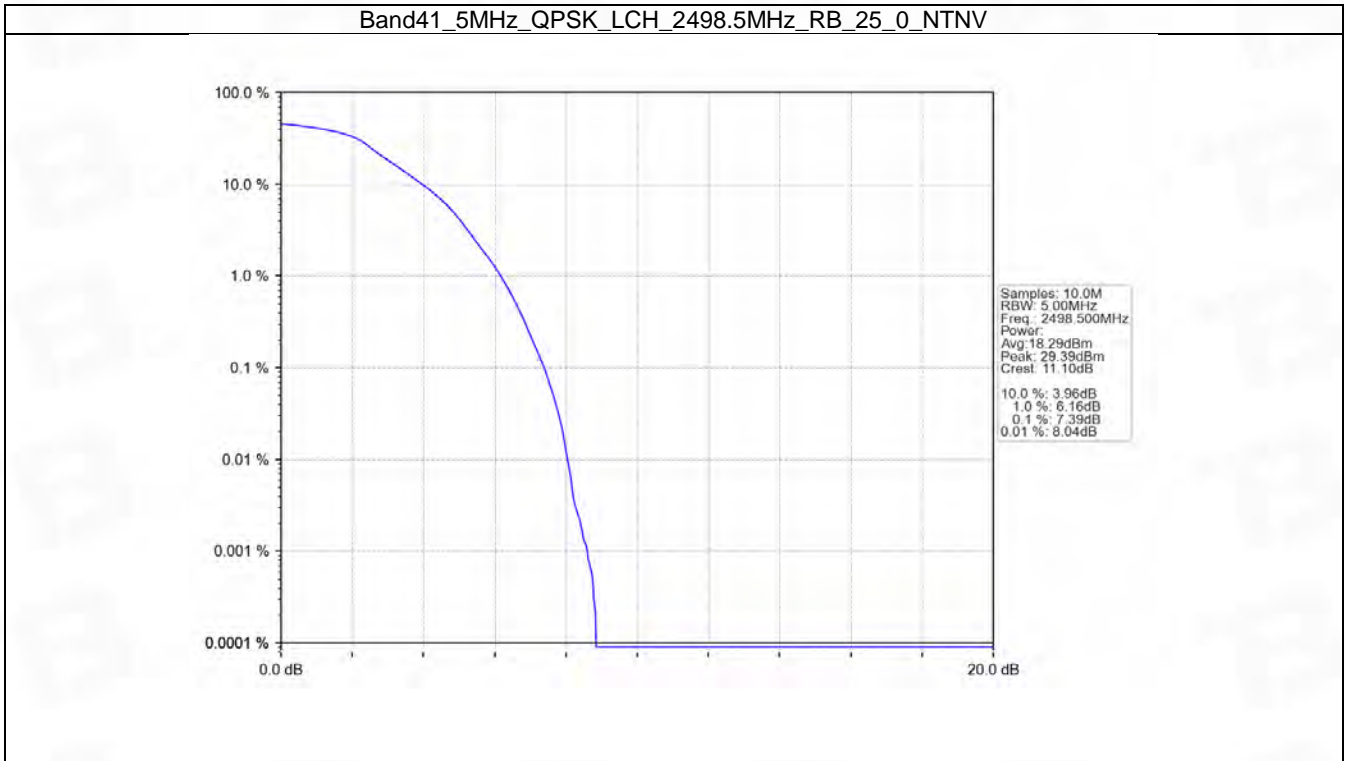
5. Peak-Average Ratio

5.1 B41_5MHz

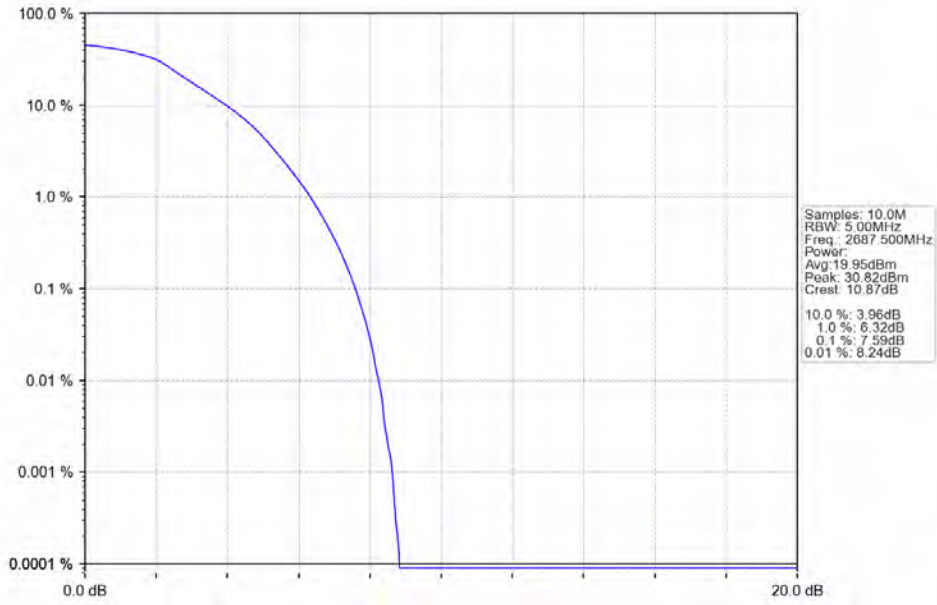
5.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.39	<=13	Pass
	2593	25	0	7.41	<=13	Pass
	2687.5	25	0	7.59	<=13	Pass
16QAM	2498.5	25	0	8.09	<=13	Pass
	2593	25	0	7.85	<=13	Pass
	2687.5	25	0	8.13	<=13	Pass

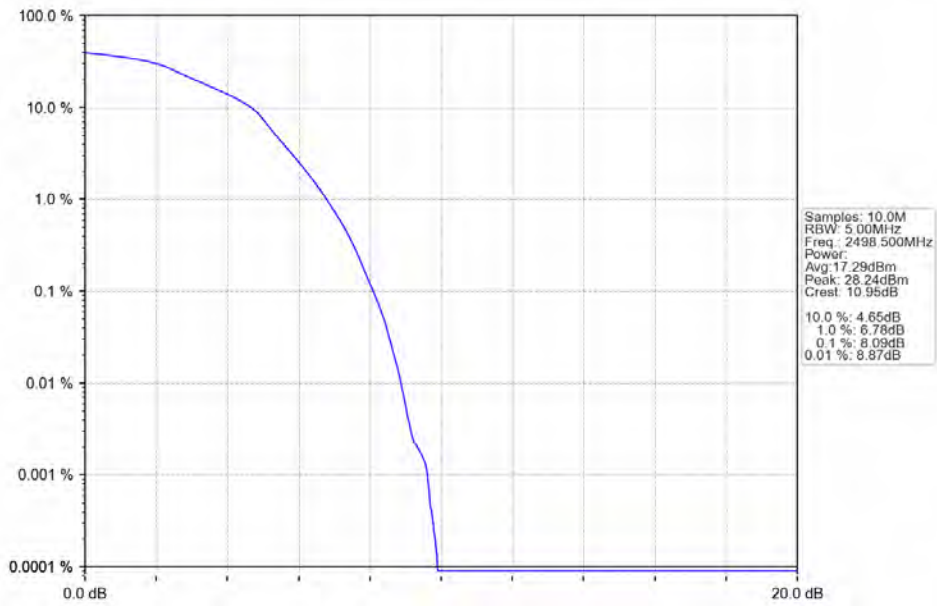
5.1.2 Test Graph



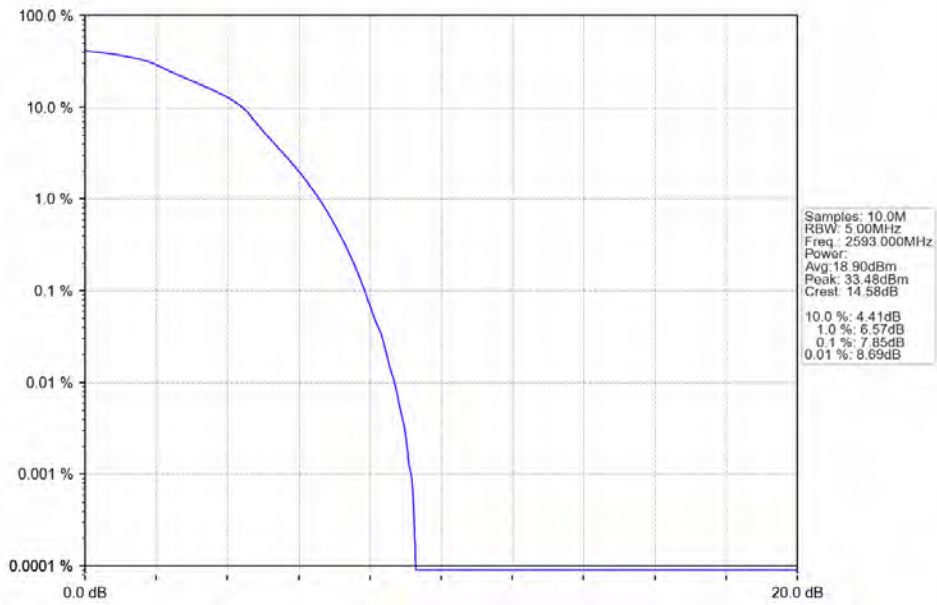
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



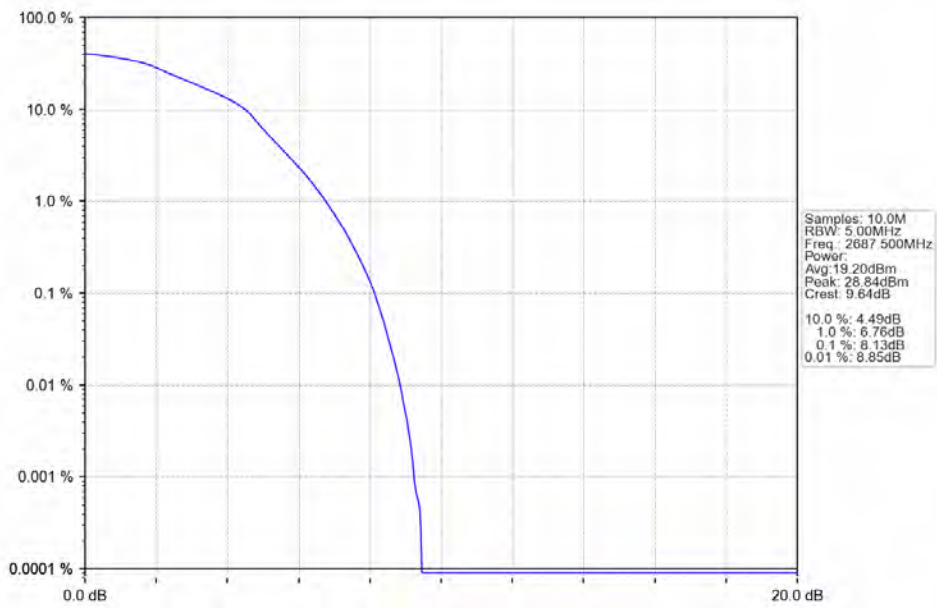
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV

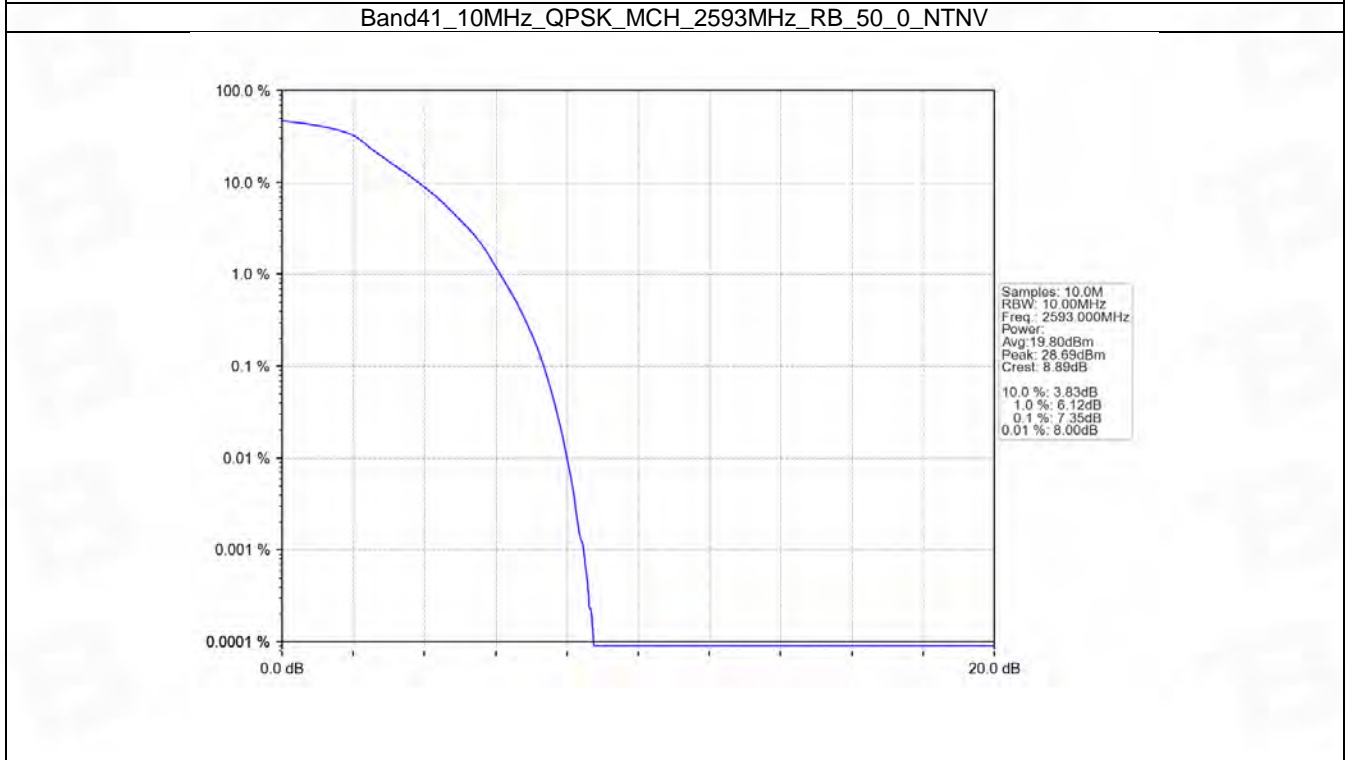
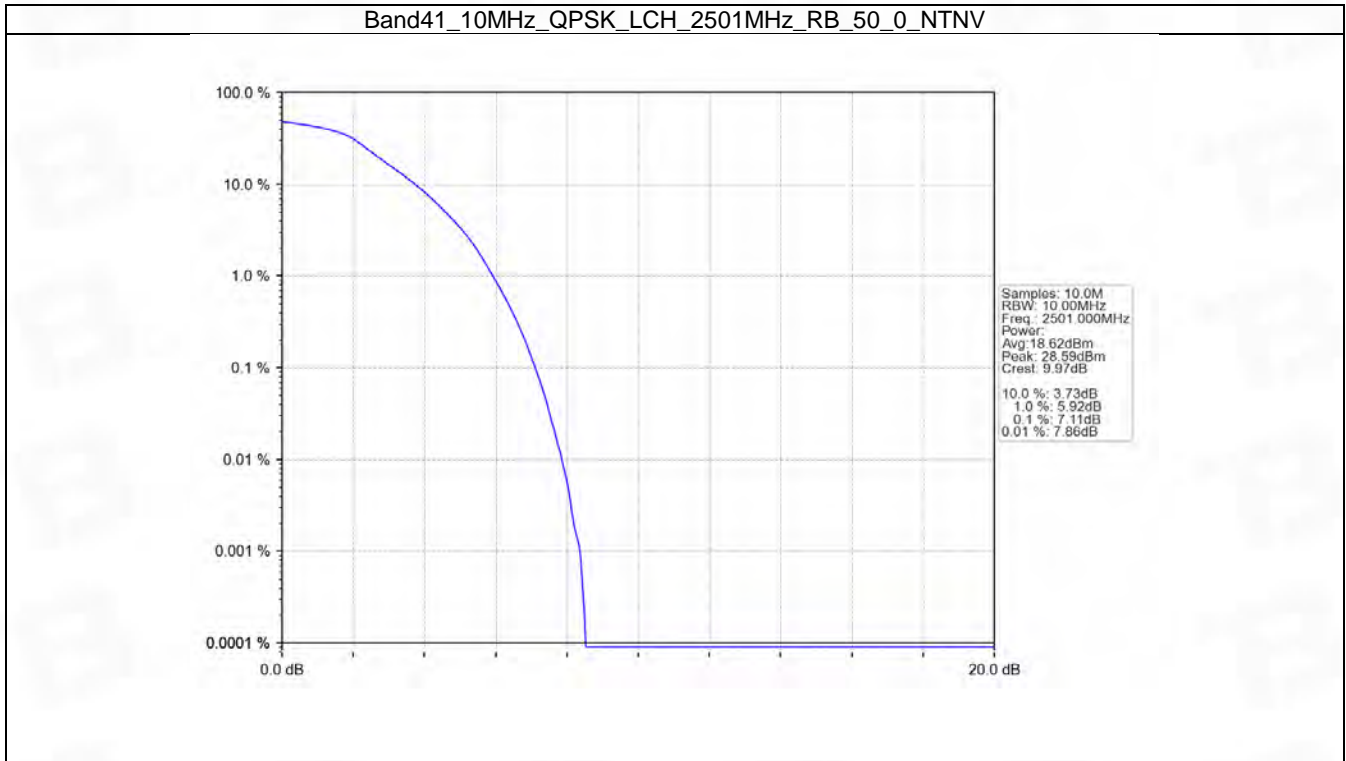


5.2 B41_10MHz

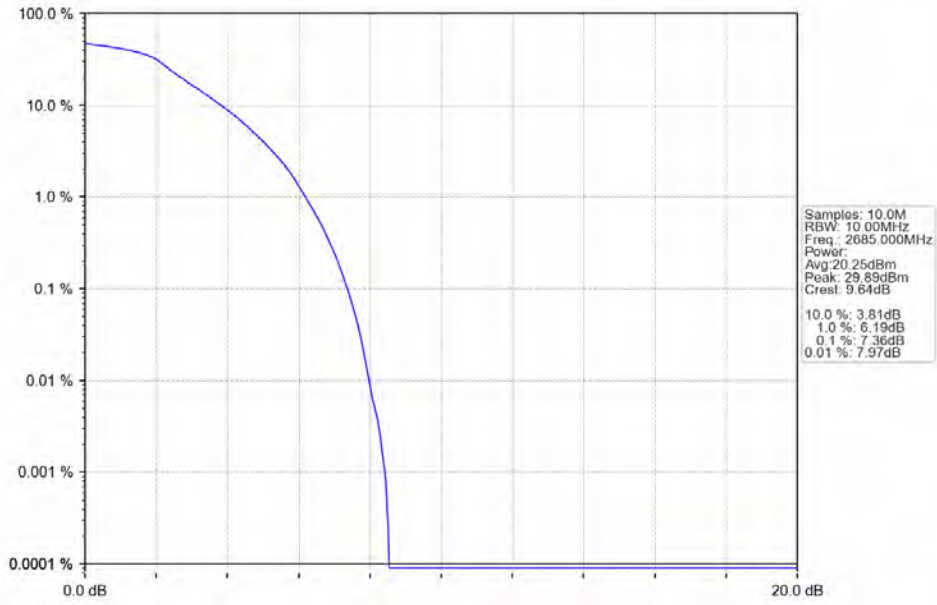
5.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.11	<=13	Pass
	2593	50	0	7.35	<=13	Pass
	2685	50	0	7.36	<=13	Pass
16QAM	2501	50	0	7.93	<=13	Pass
	2593	50	0	8.09	<=13	Pass
	2685	50	0	8.48	<=13	Pass

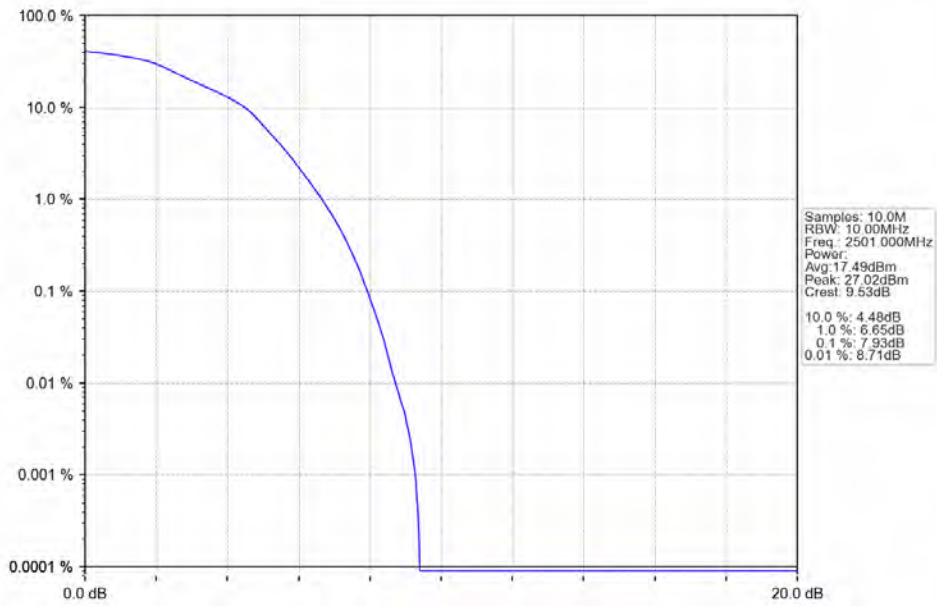
5.2.2 Test Graph



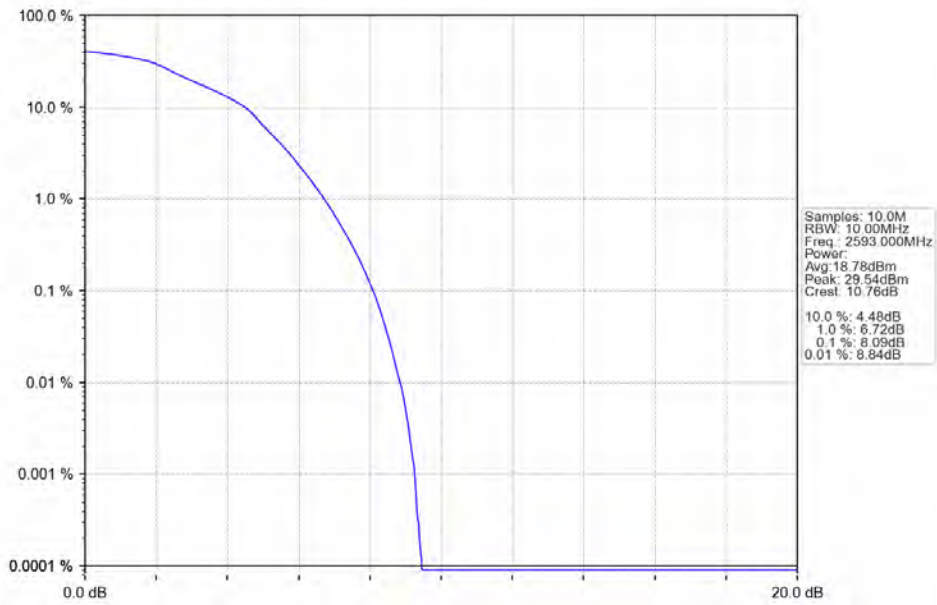
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



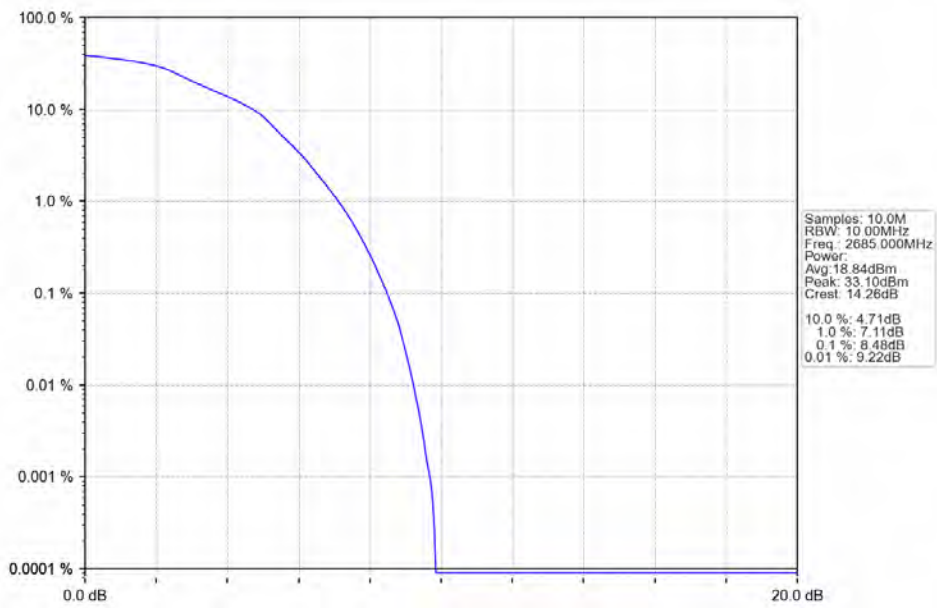
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV

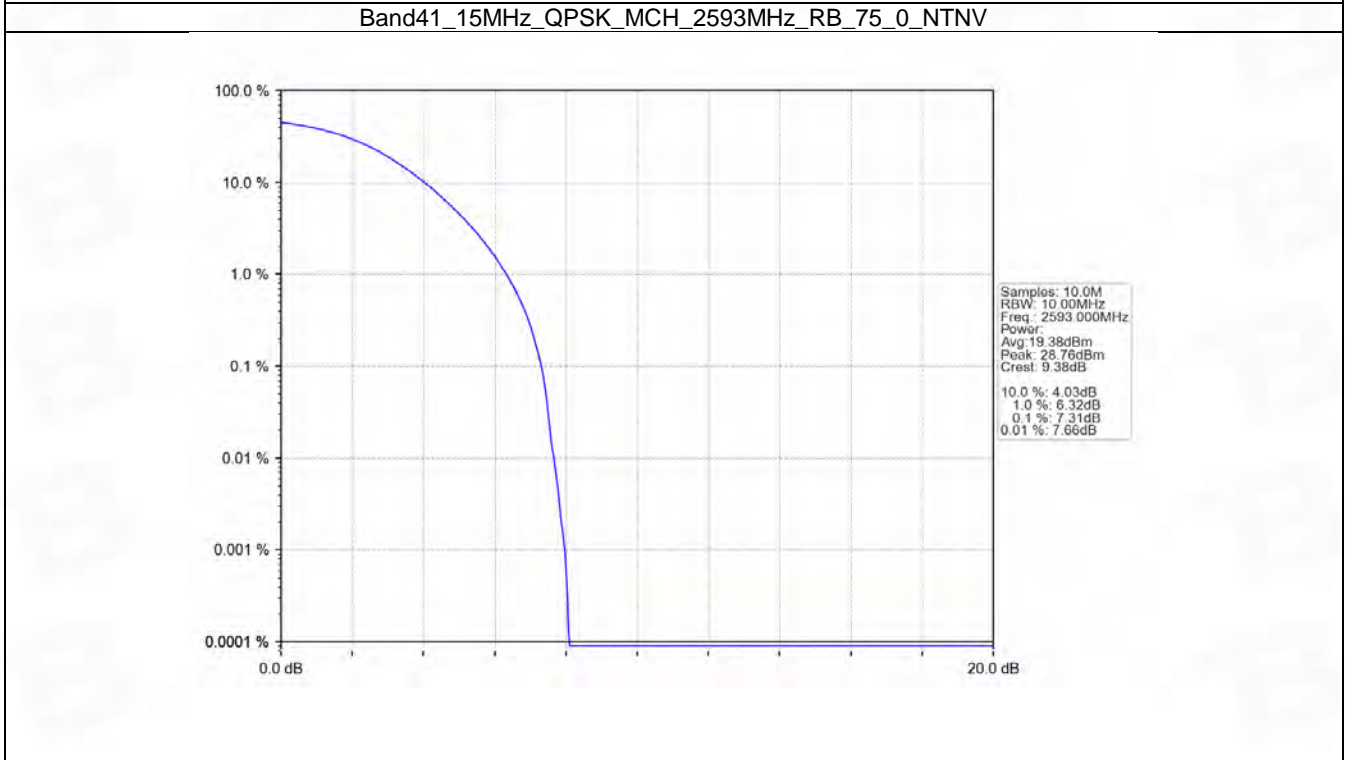
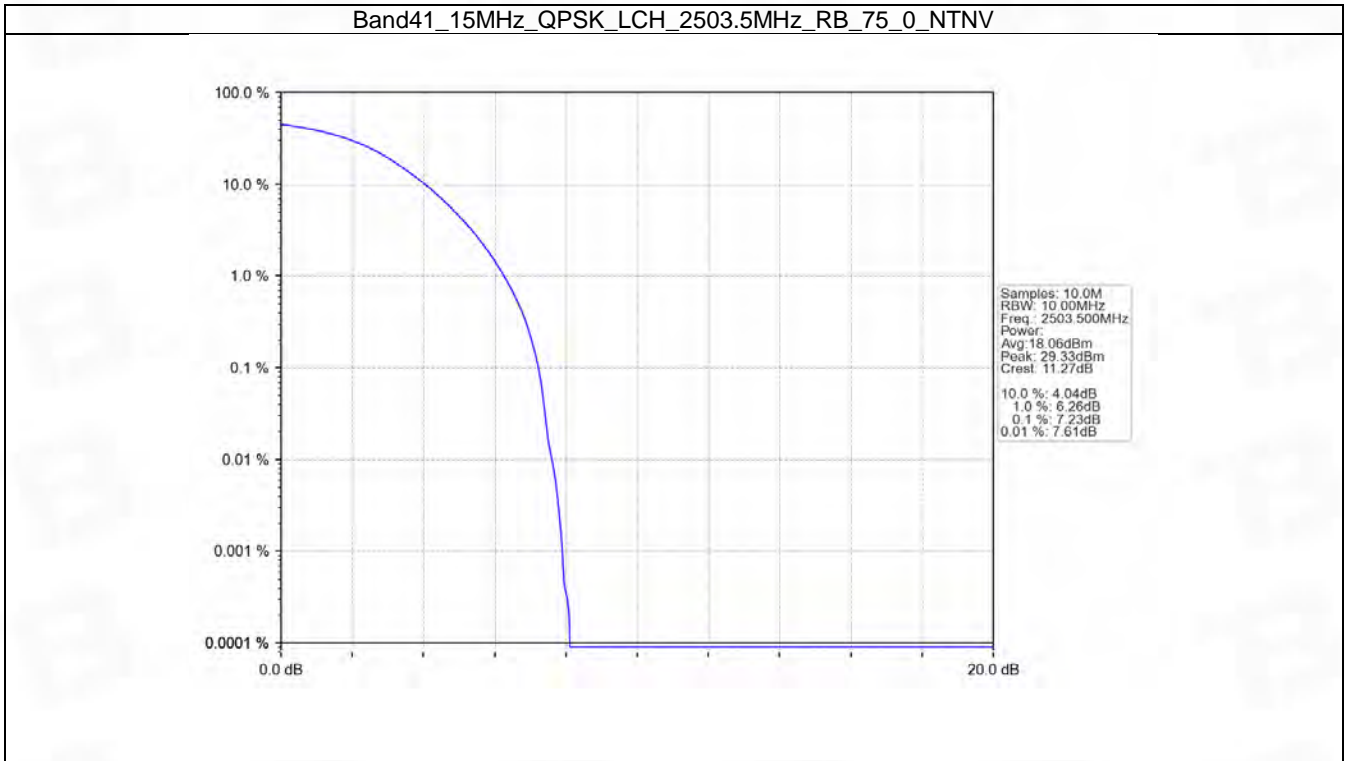


5.3 B41_15MHz

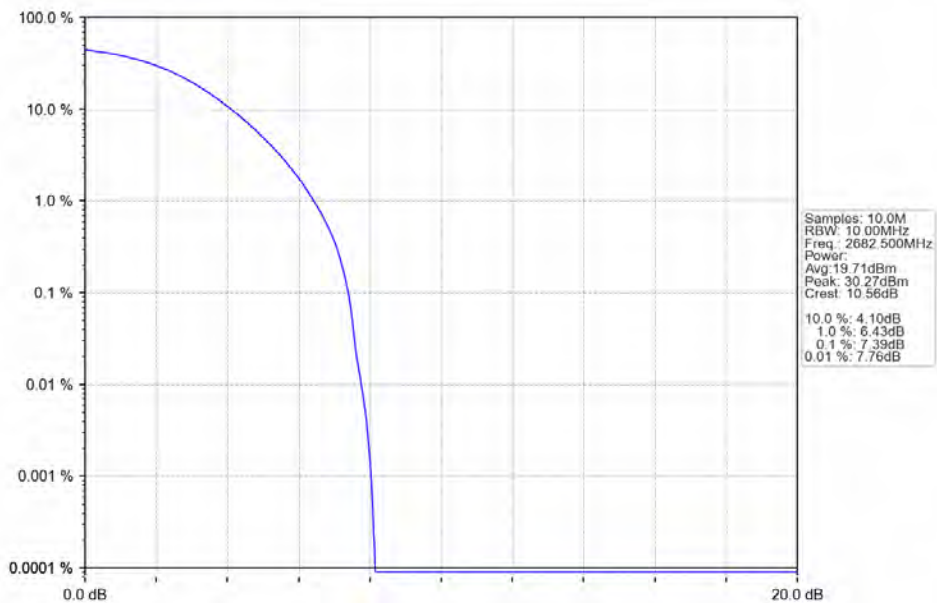
5.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.23	<=13	Pass
	2593	75	0	7.31	<=13	Pass
	2682.5	75	0	7.39	<=13	Pass
16QAM	2503.5	75	0	7.86	<=13	Pass
	2593	75	0	7.98	<=13	Pass
	2682.5	75	0	8.11	<=13	Pass

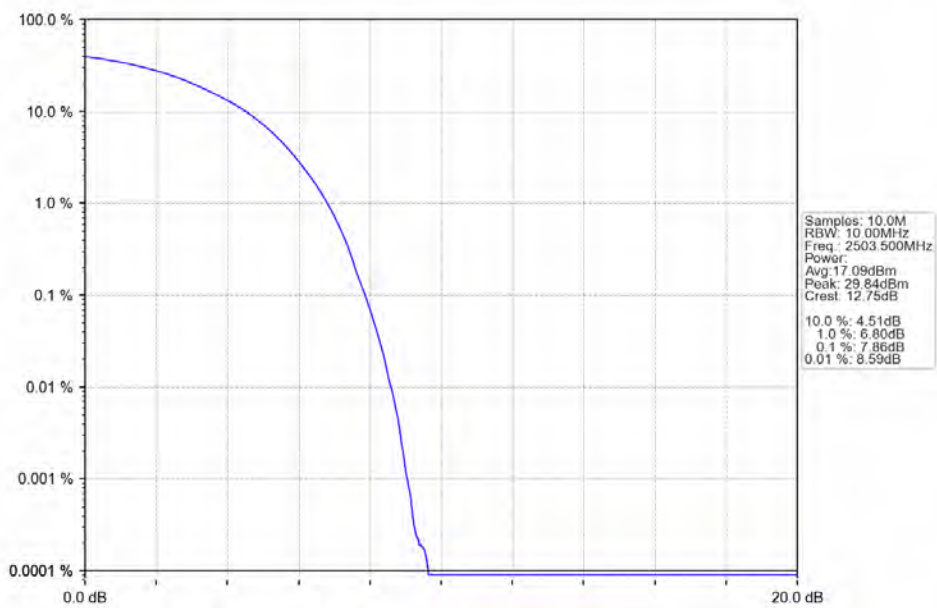
5.3.2 Test Graph



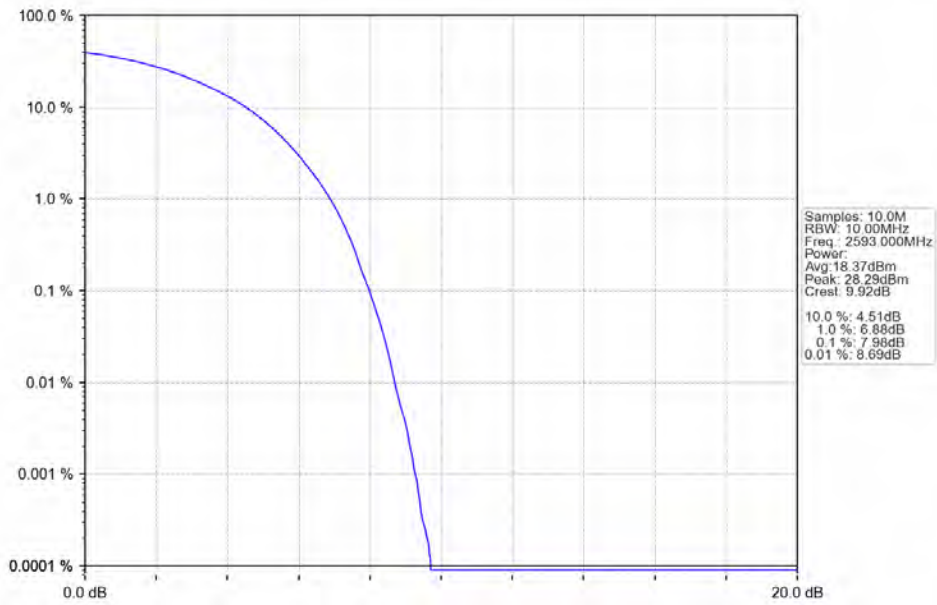
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



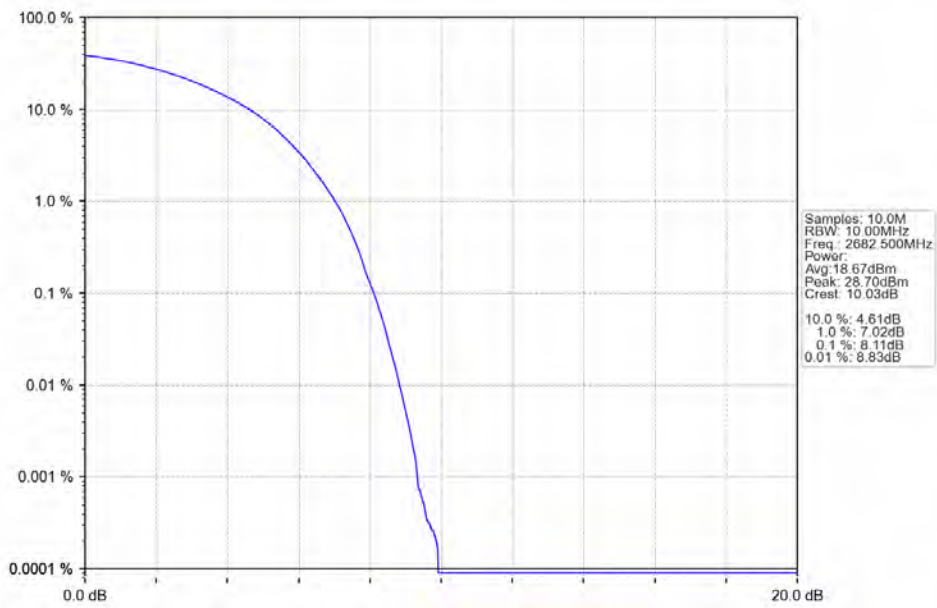
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV

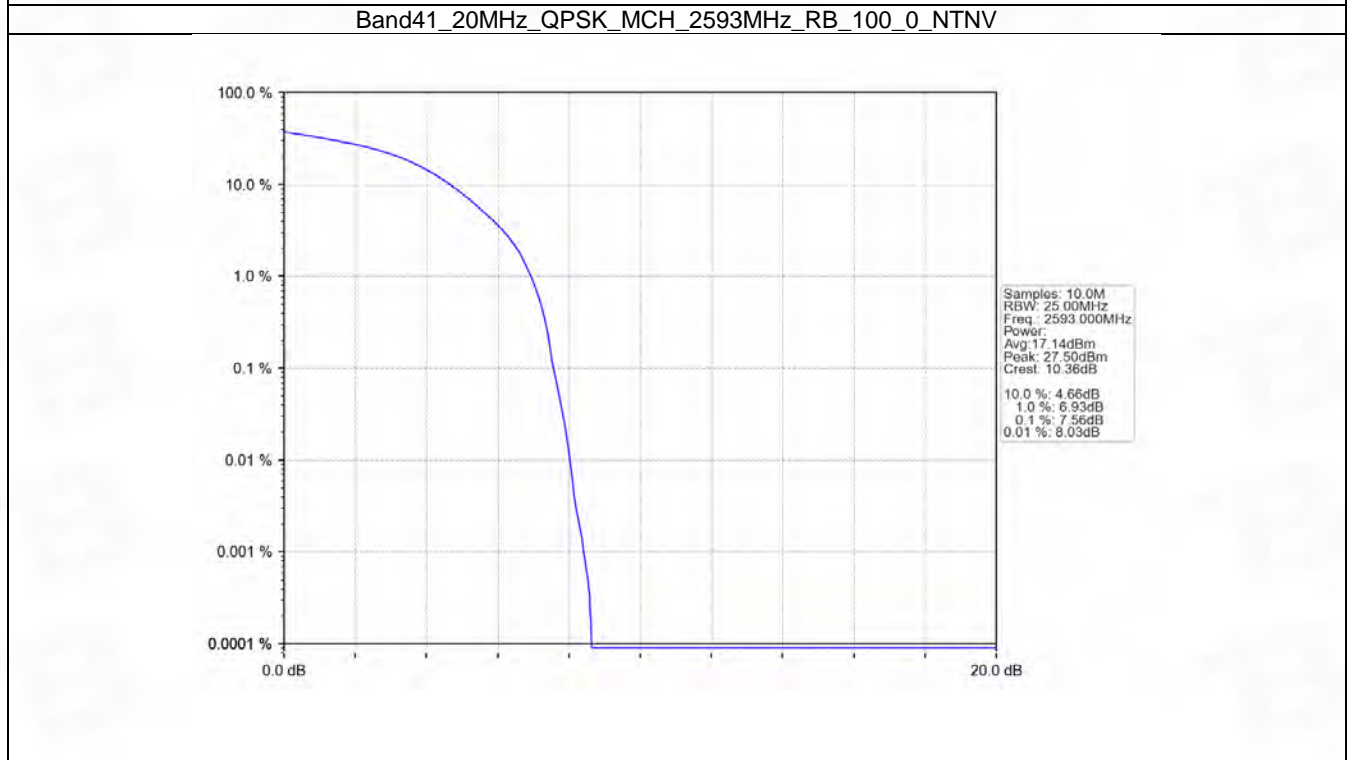
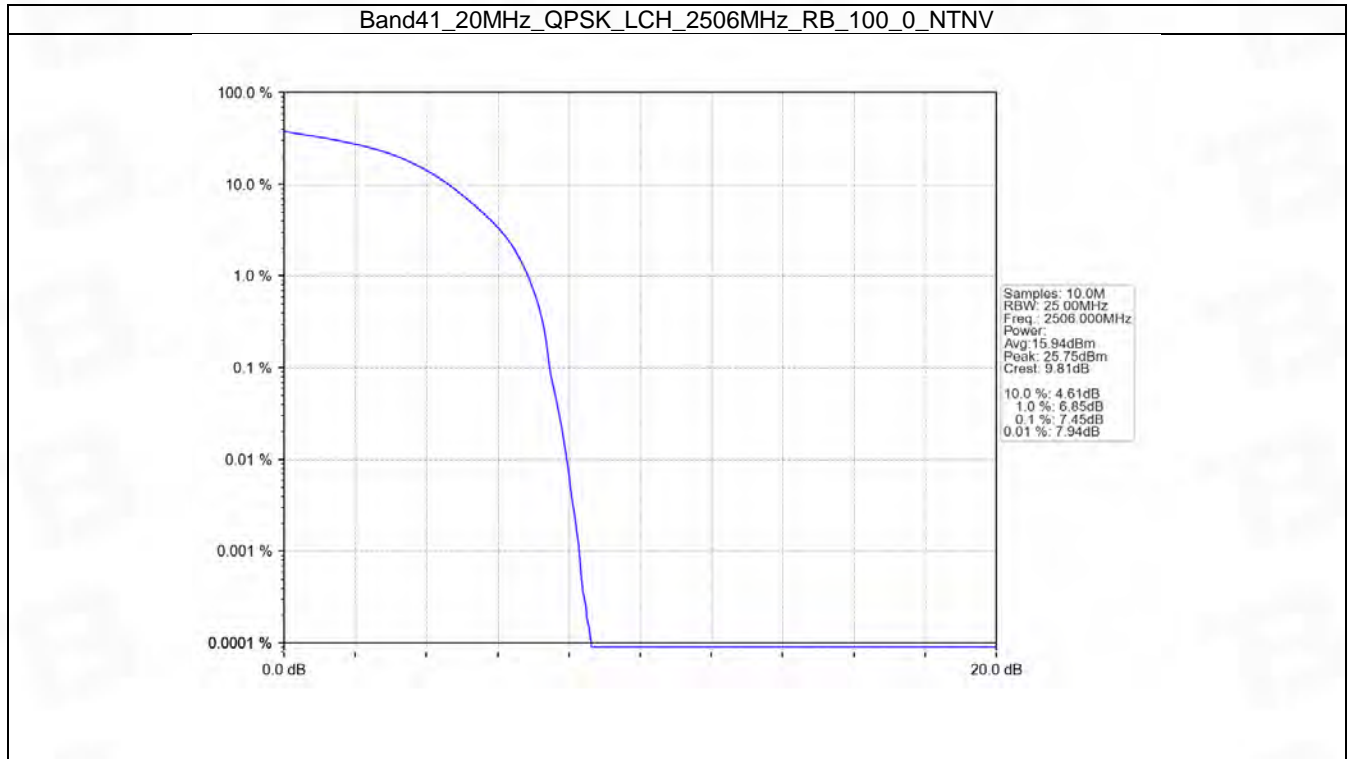


5.4 B41_20MHz

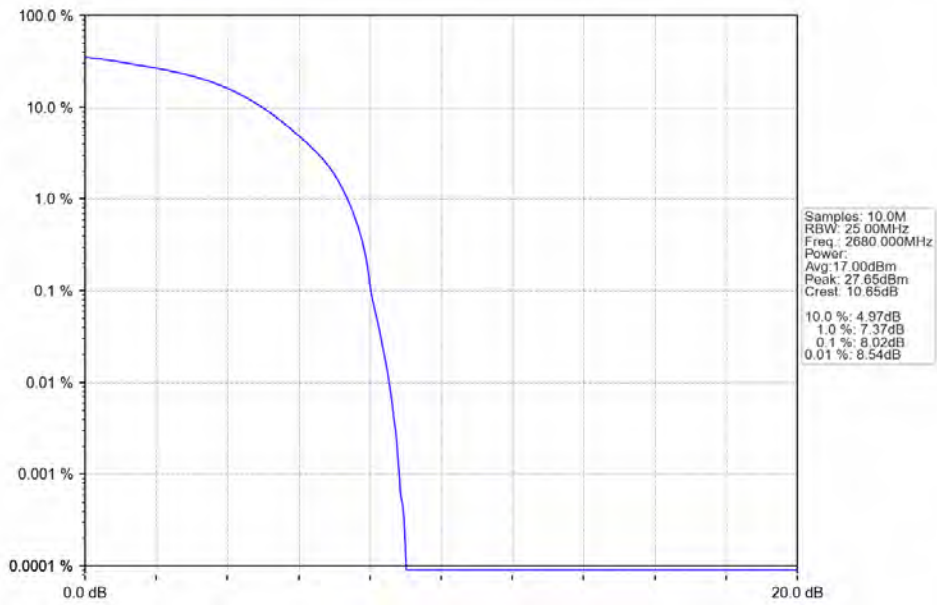
5.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.45	<=13	Pass
	2593	100	0	7.56	<=13	Pass
	2680	100	0	8.02	<=13	Pass
16QAM	2506	100	0	8.69	<=13	Pass
	2593	100	0	8.71	<=13	Pass
	2680	100	0	9.05	<=13	Pass

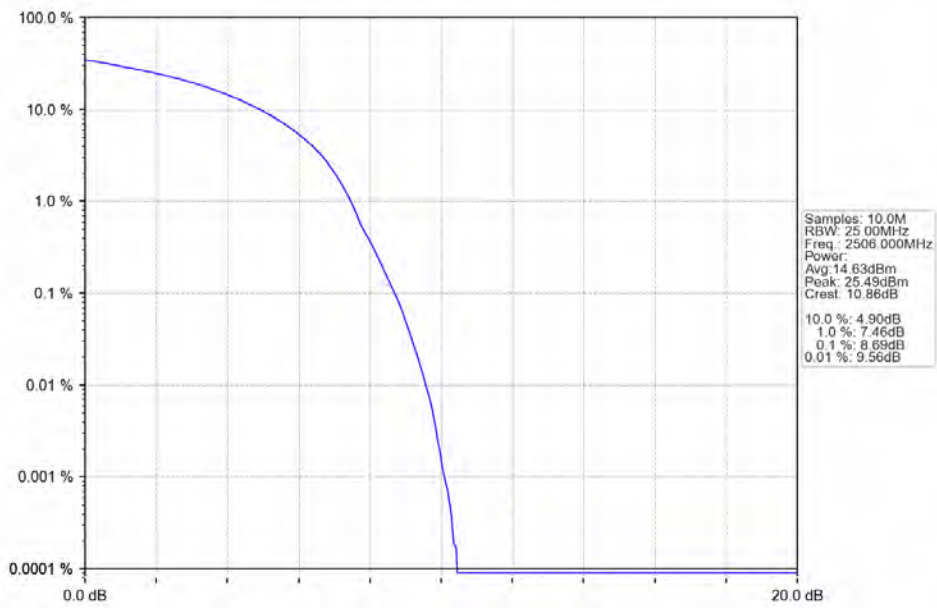
5.4.2 Test Graph



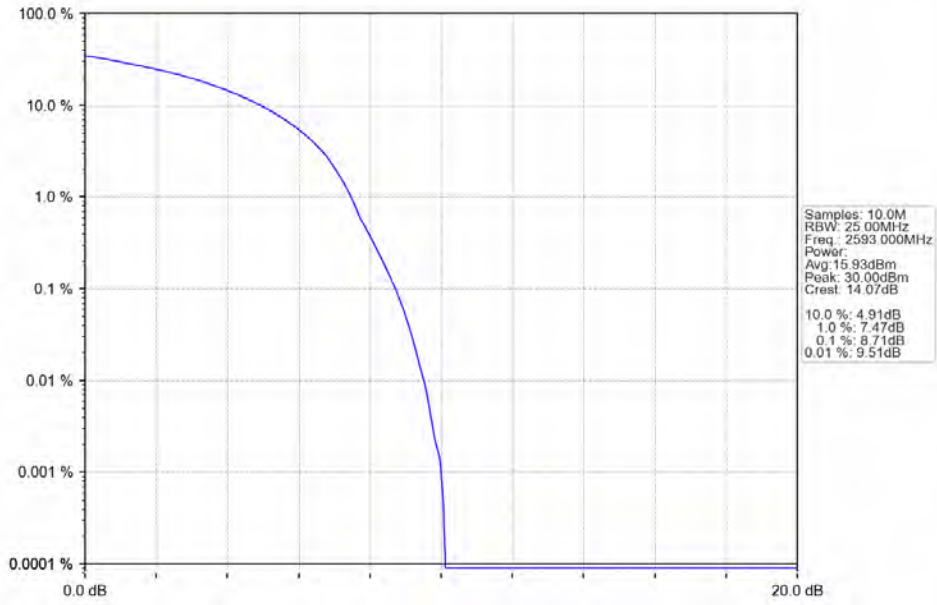
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



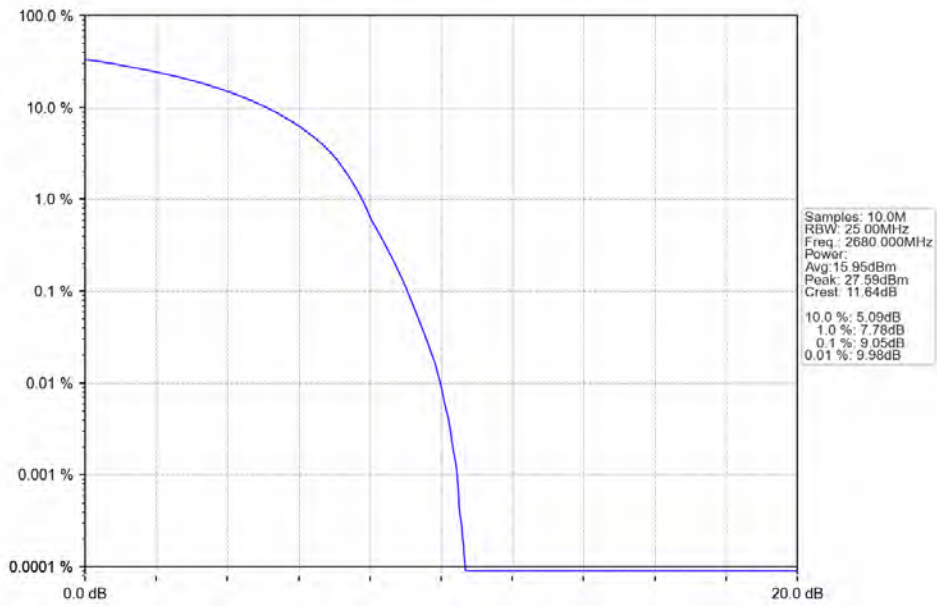
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



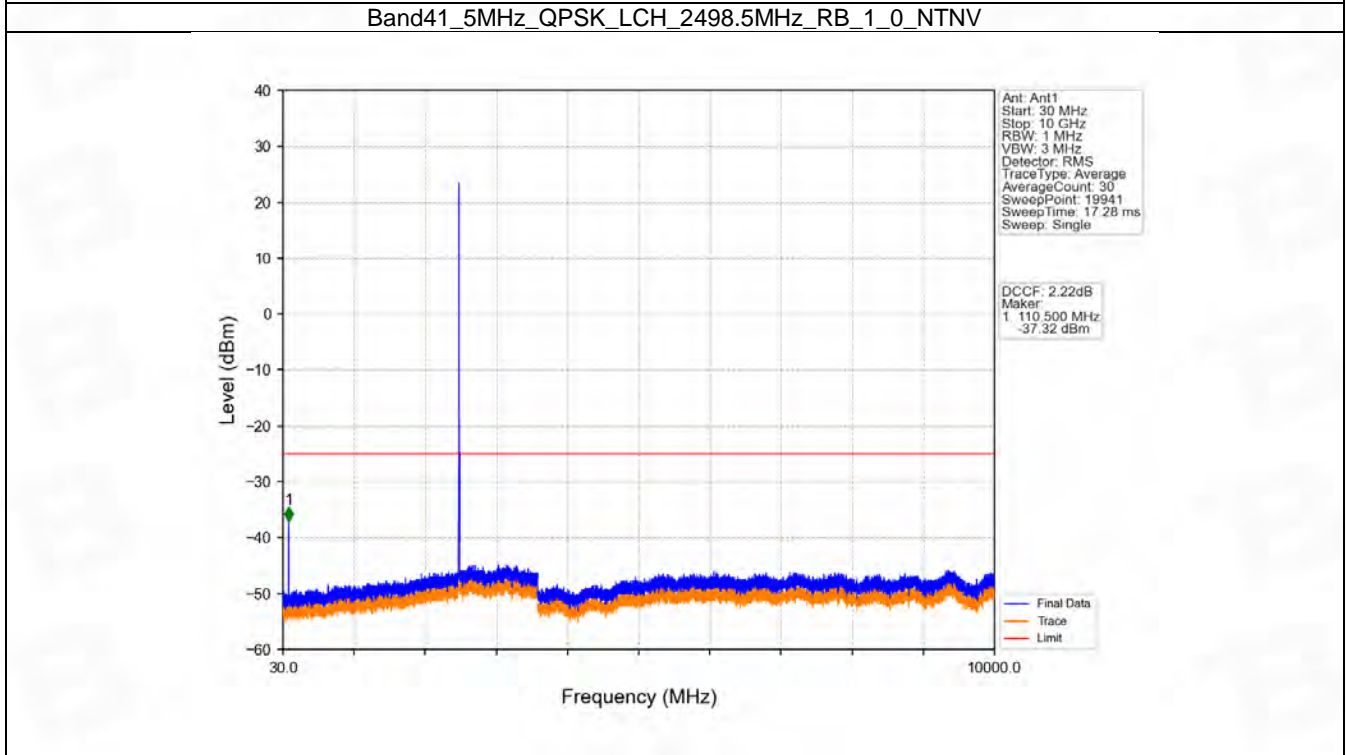
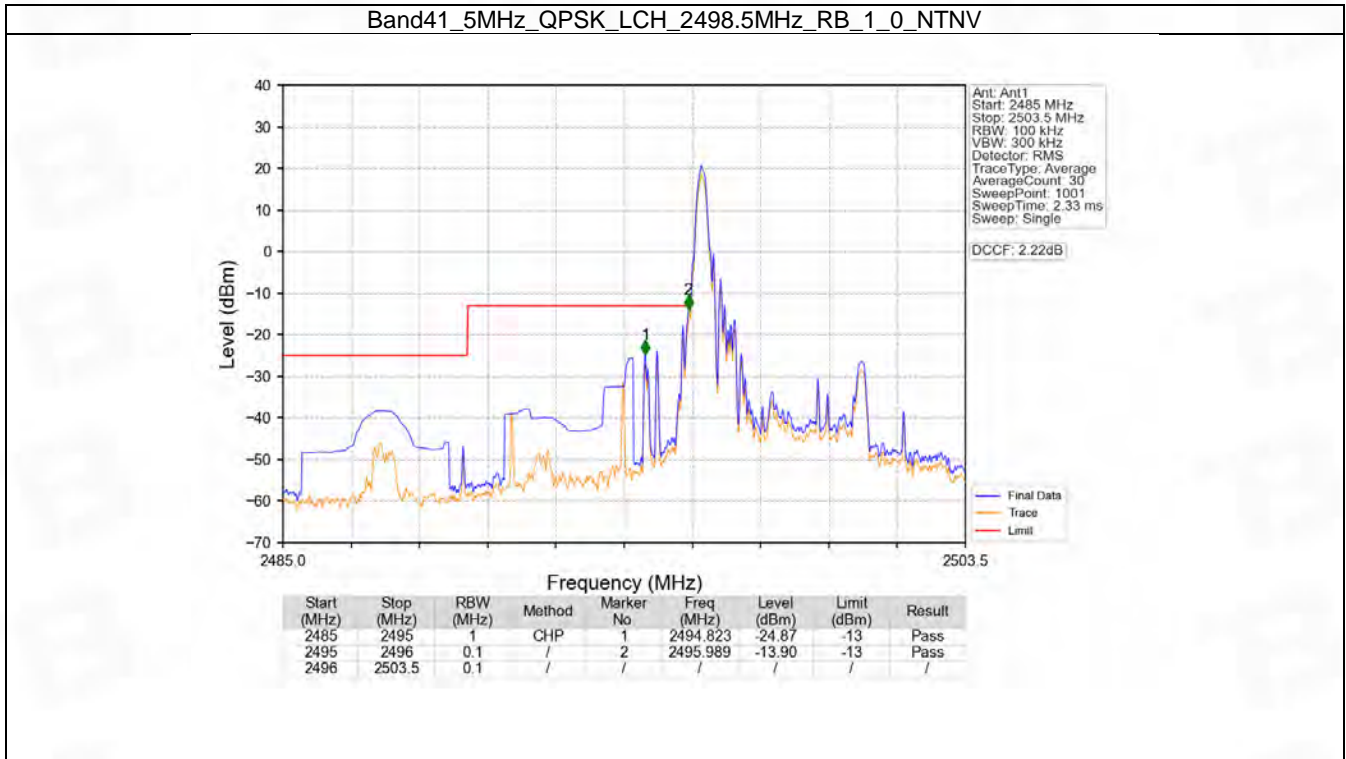
6. Spurious Emission

6.1 B41_5MHz

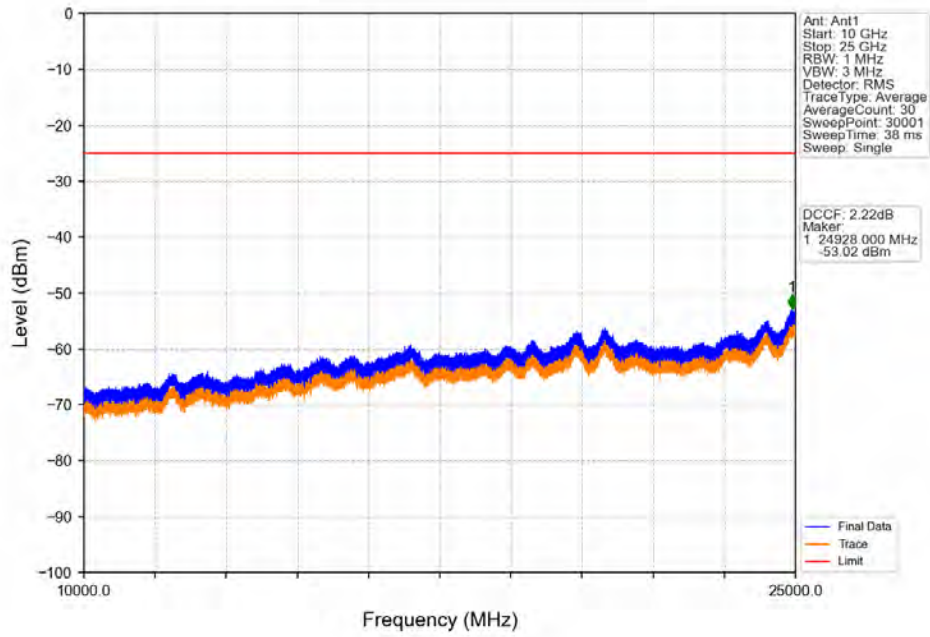
6.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTV						
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
		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
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

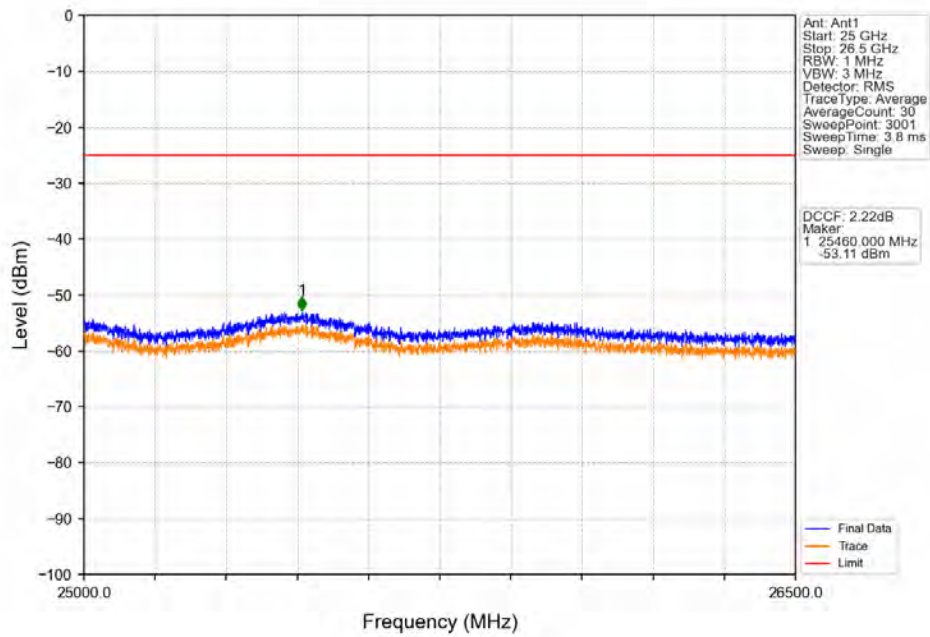
6.1.2 Test Graph



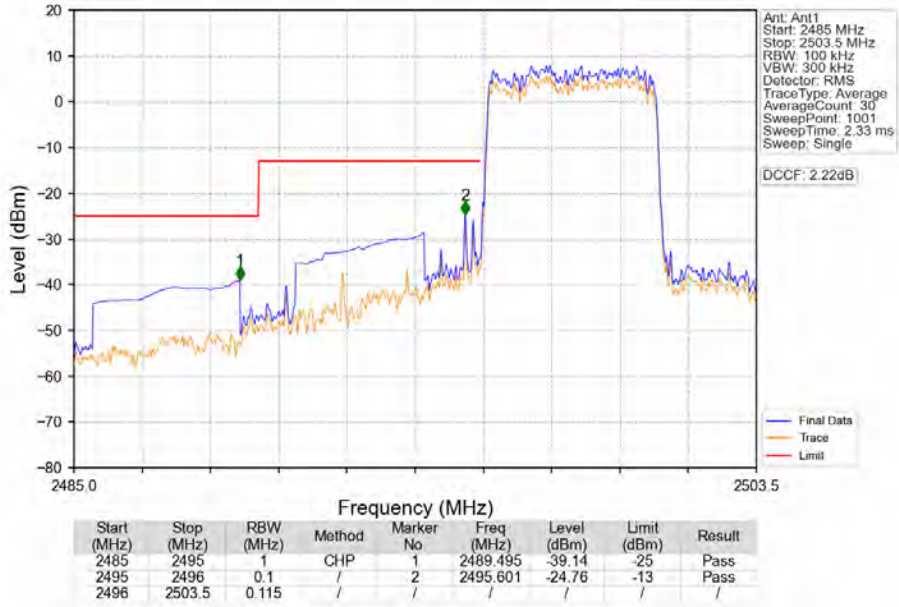
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



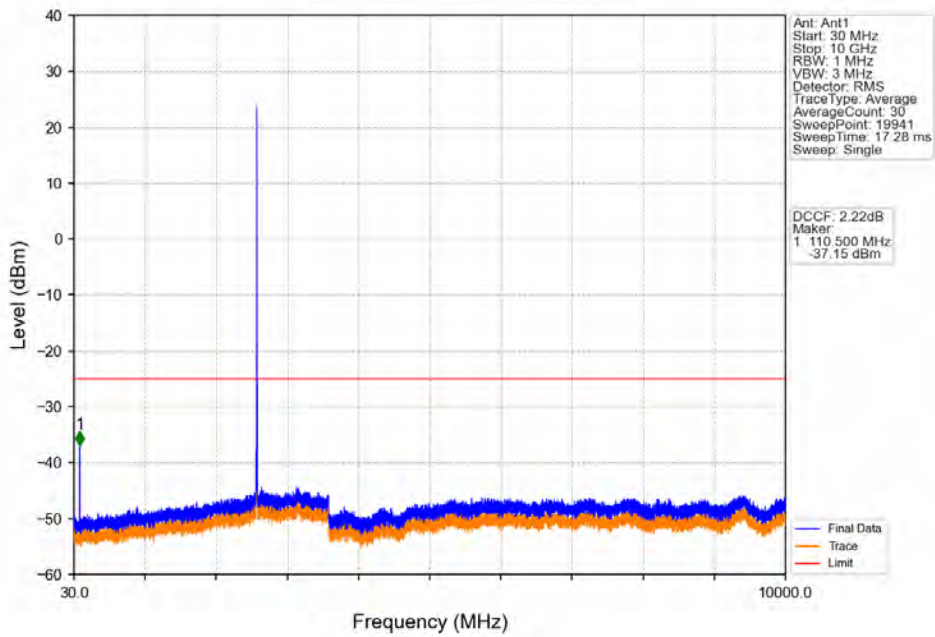
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



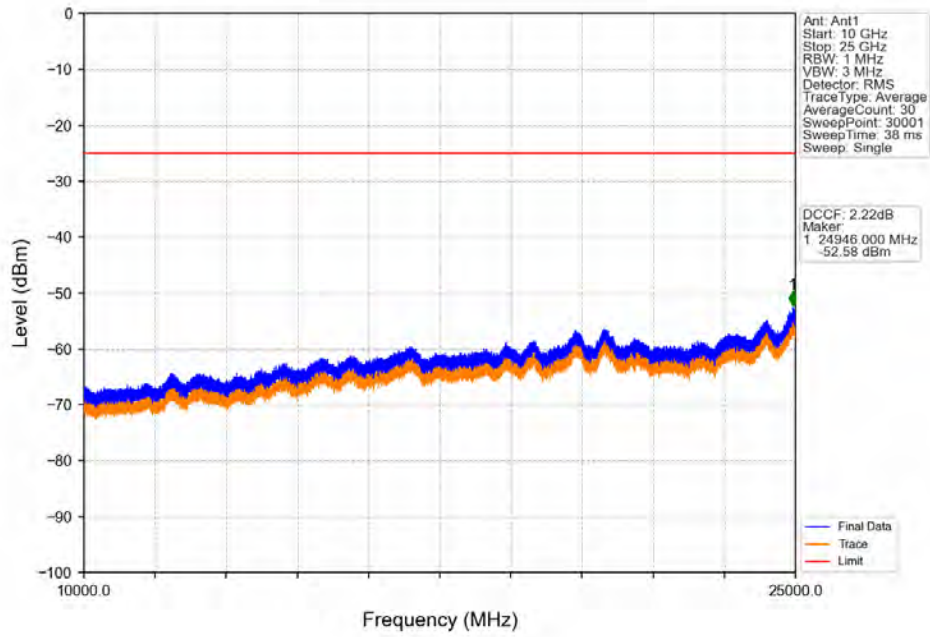
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



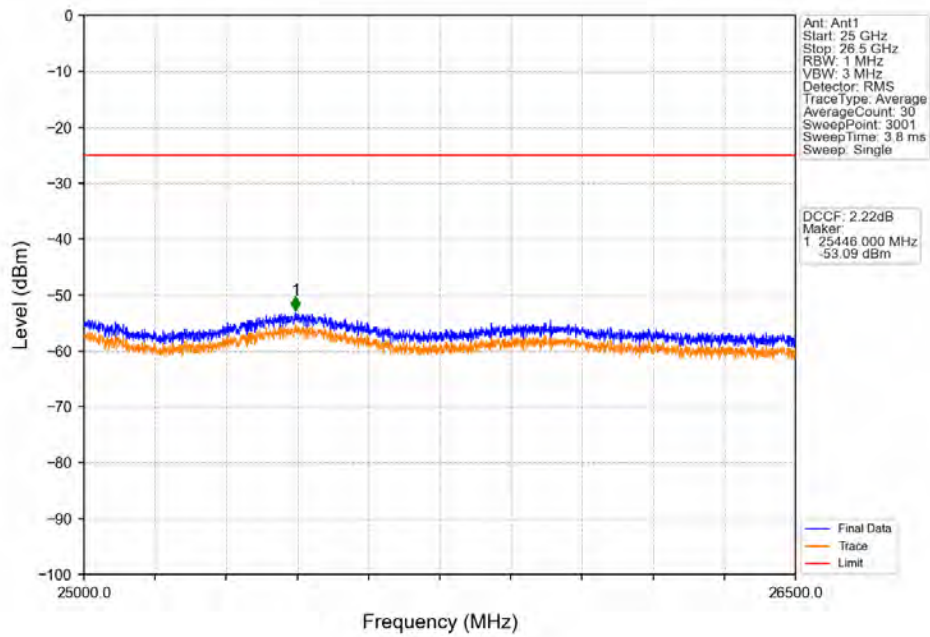
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



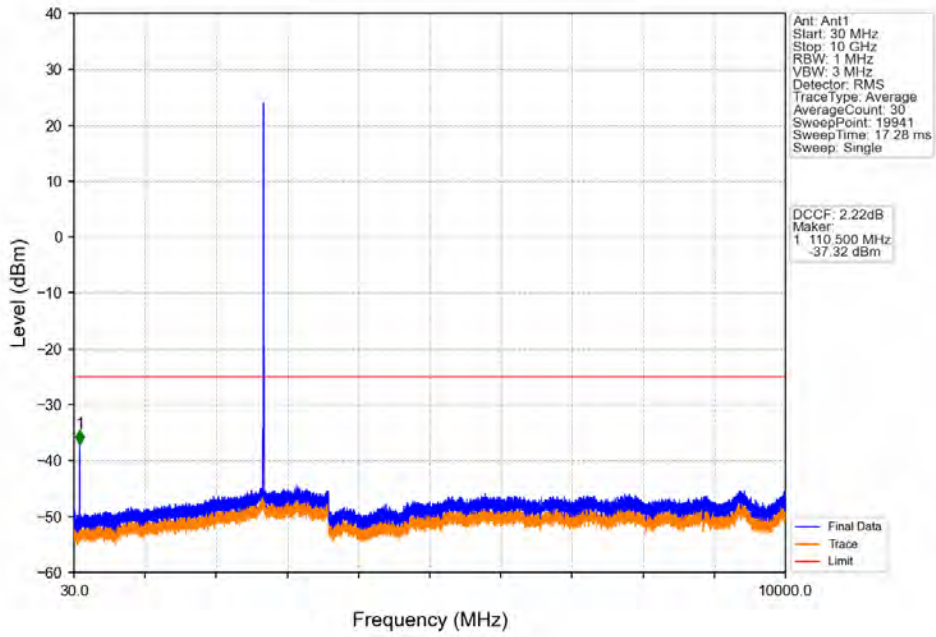
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



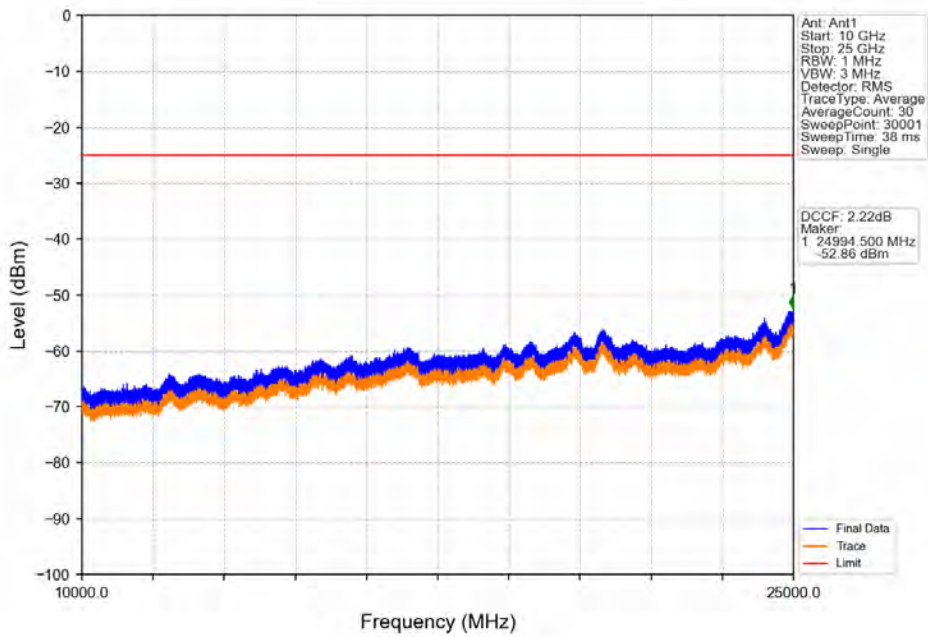
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



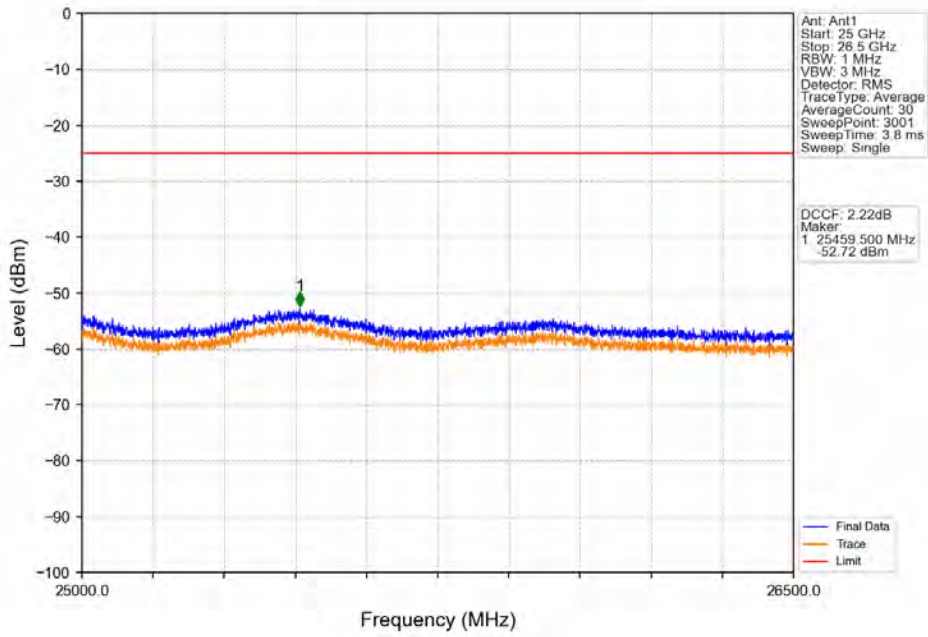
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



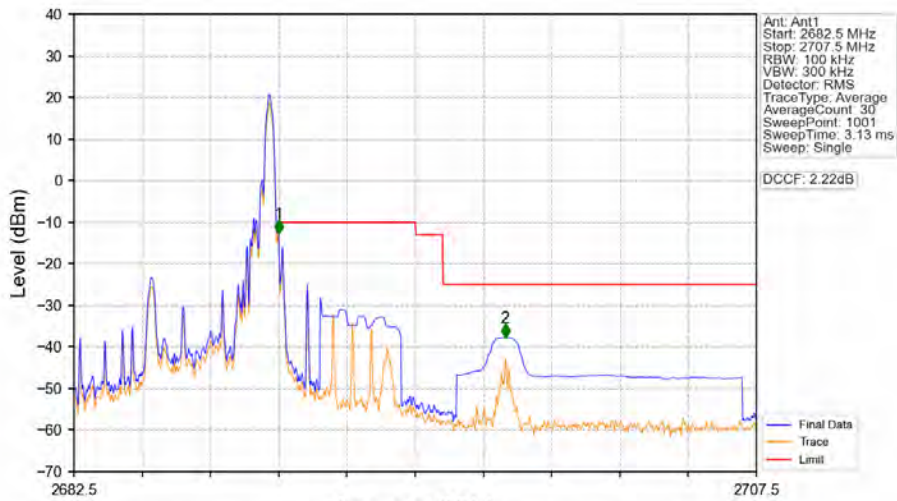
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

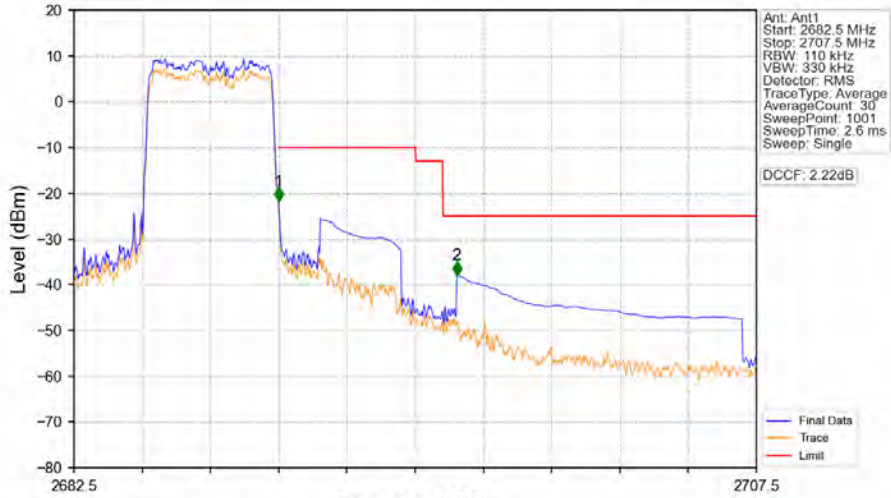


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



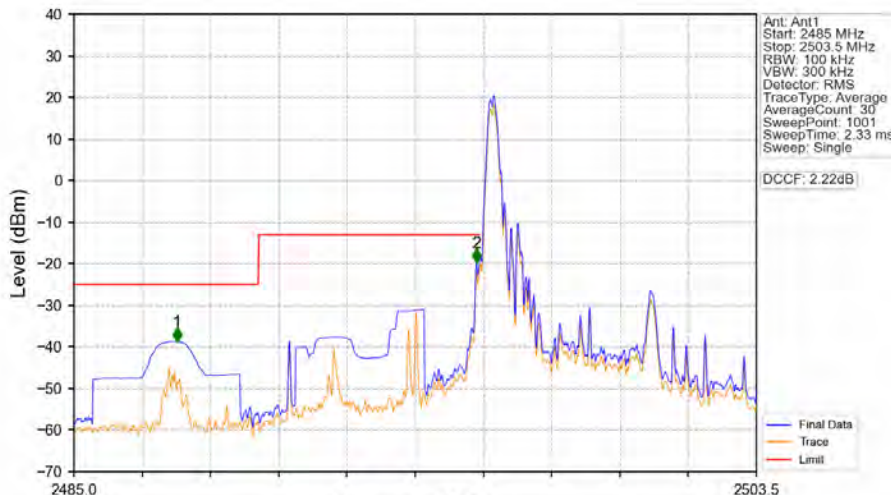
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	1	2690.000	-12.86	-10	Pass
2690	2691	0.1	/	1	2690.000	-12.86	-10	Pass
2691	2707.5	1	CHP	2	2698.300	-37.74	-25	Pass

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



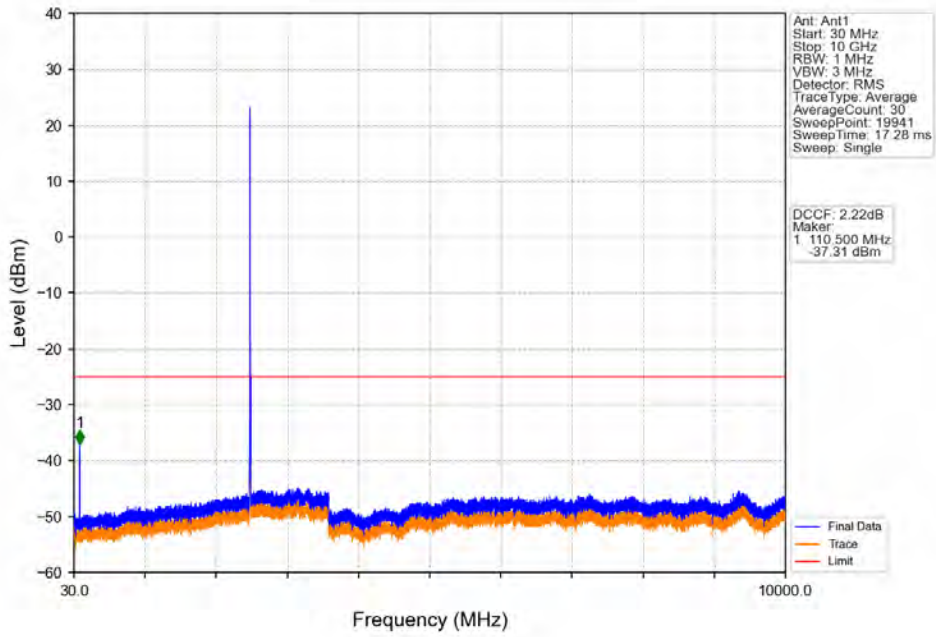
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.11	/	1	2690.000	-21.79	-10	Pass
2690	2691	0.11	/	1	2690.000	-21.79	-10	Pass
2691	2707.5	1	CHP	2	2696.525	-37.93	-25	Pass

Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

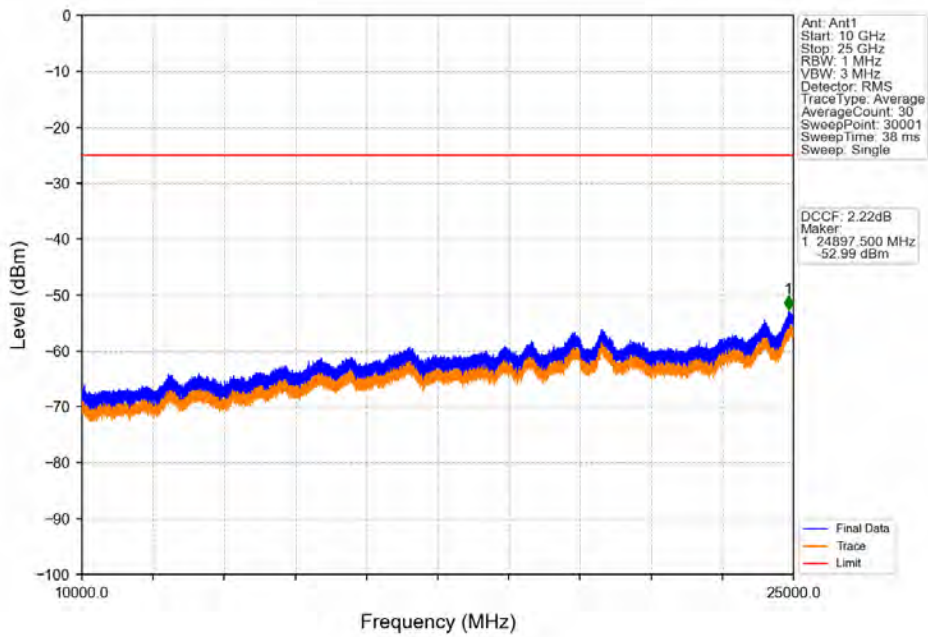


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2487.794	-38.72	-25	Pass
2495	2496	0.1	/	2	2495.915	-19.75	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

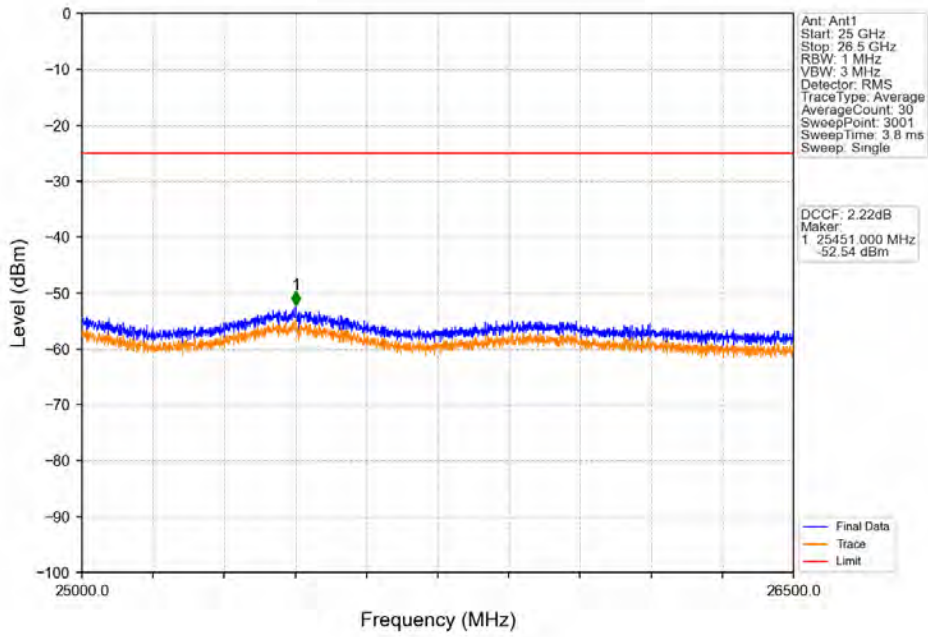
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



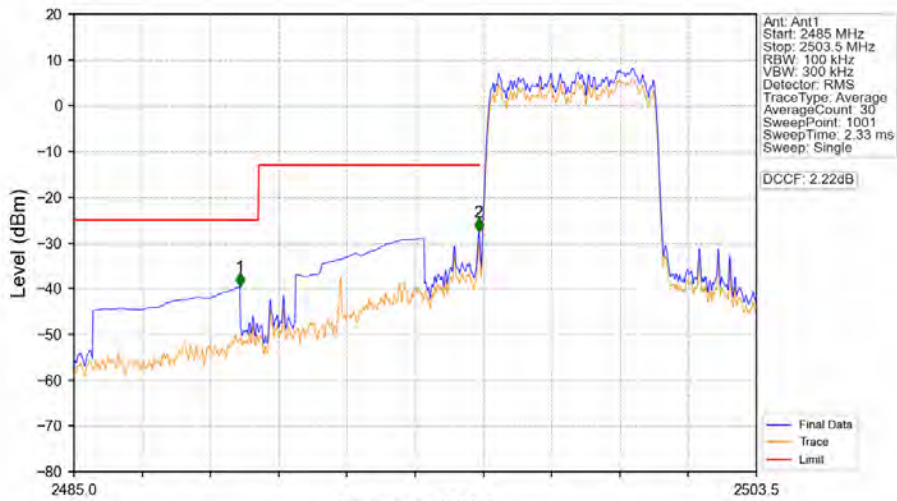
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

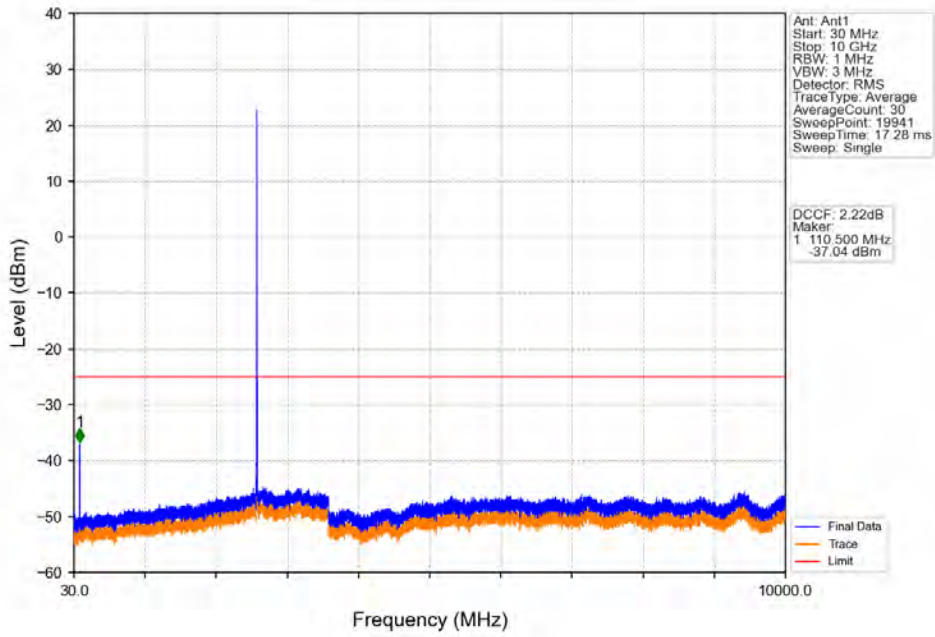


Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV

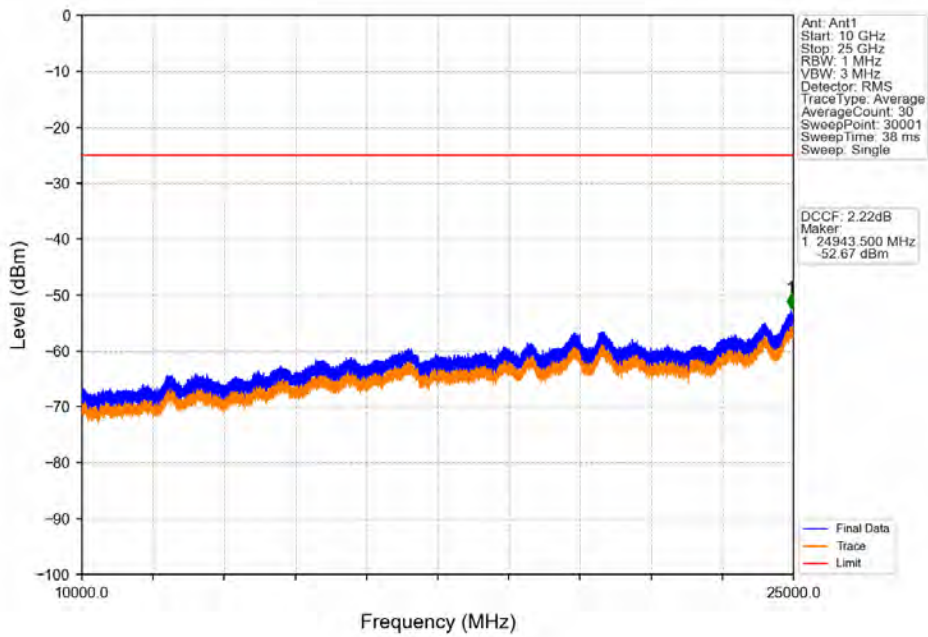


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2489.495	-39.64	-25	Pass
2495	2496	0.1	/	2	2495.970	-27.65	-13	Pass
2496	2503.5	0.107	/	/	/	/	/	/

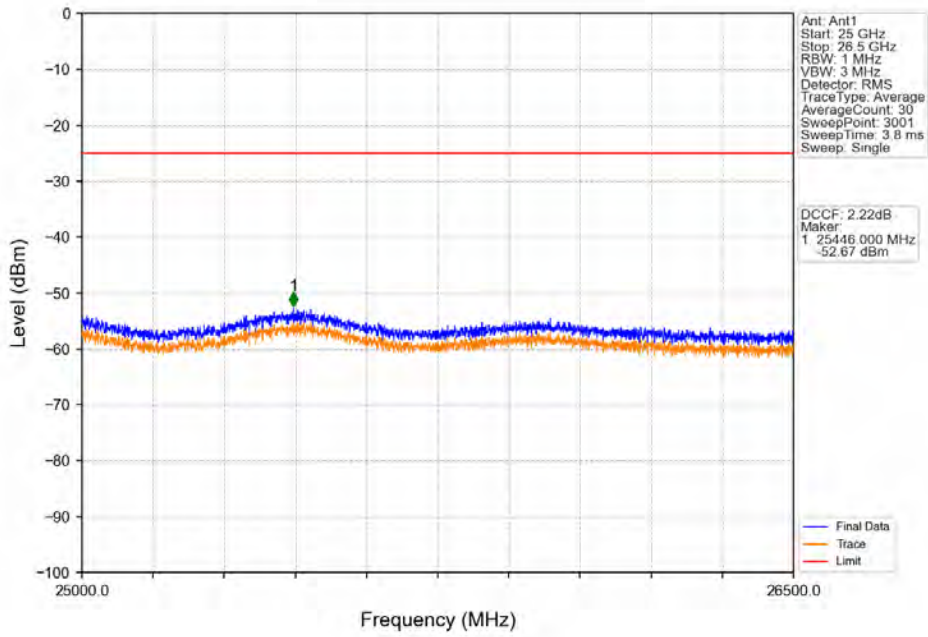
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



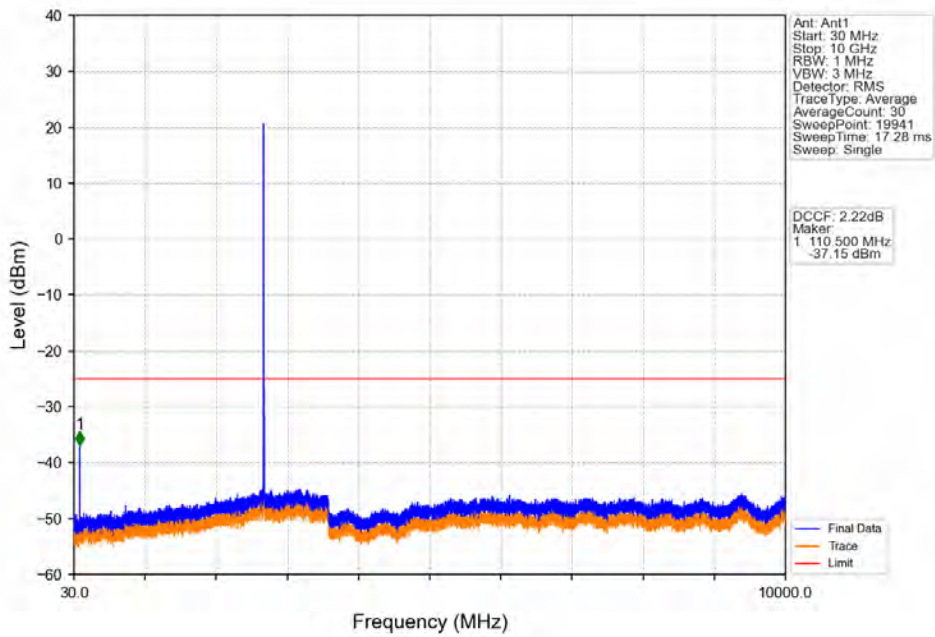
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



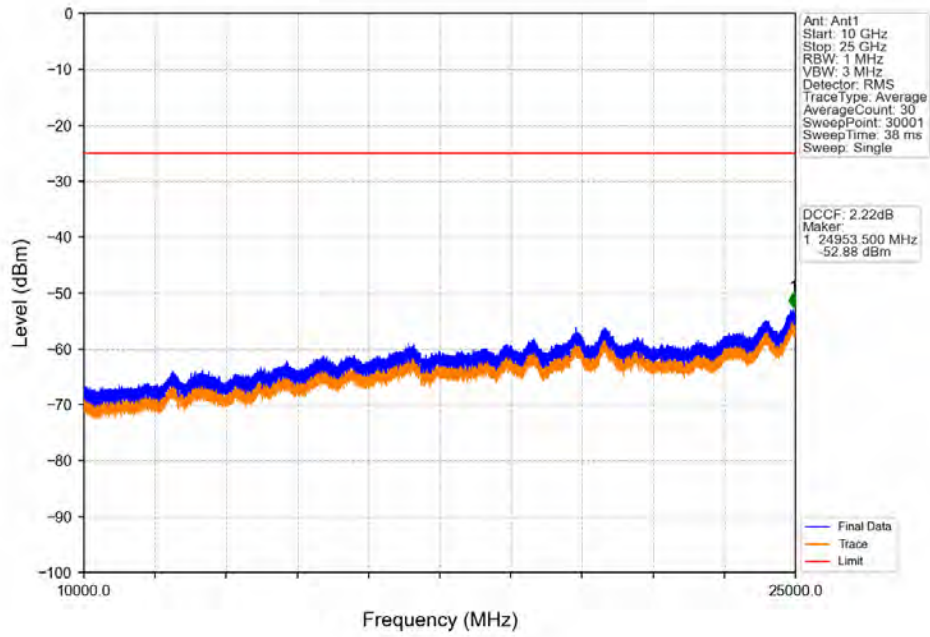
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



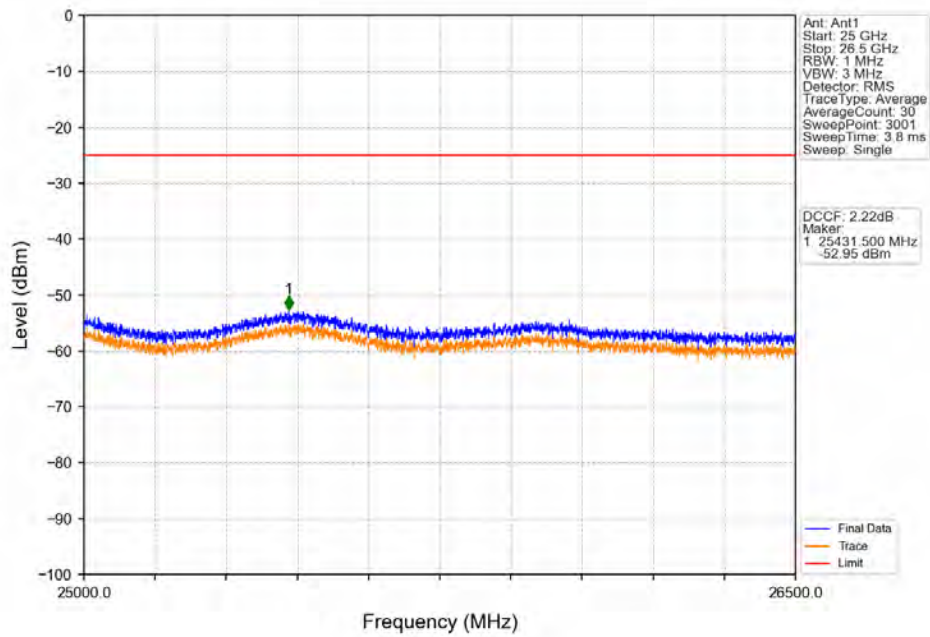
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



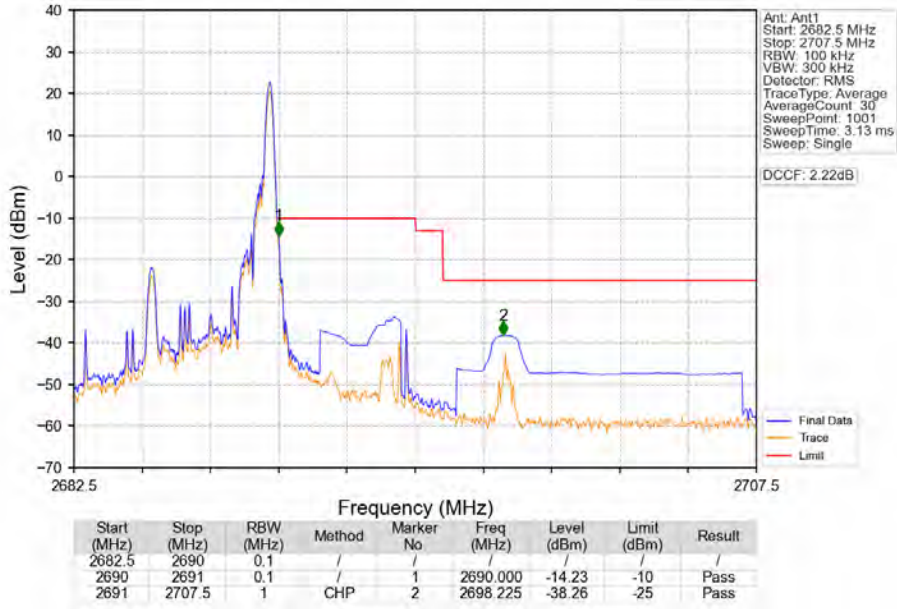
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



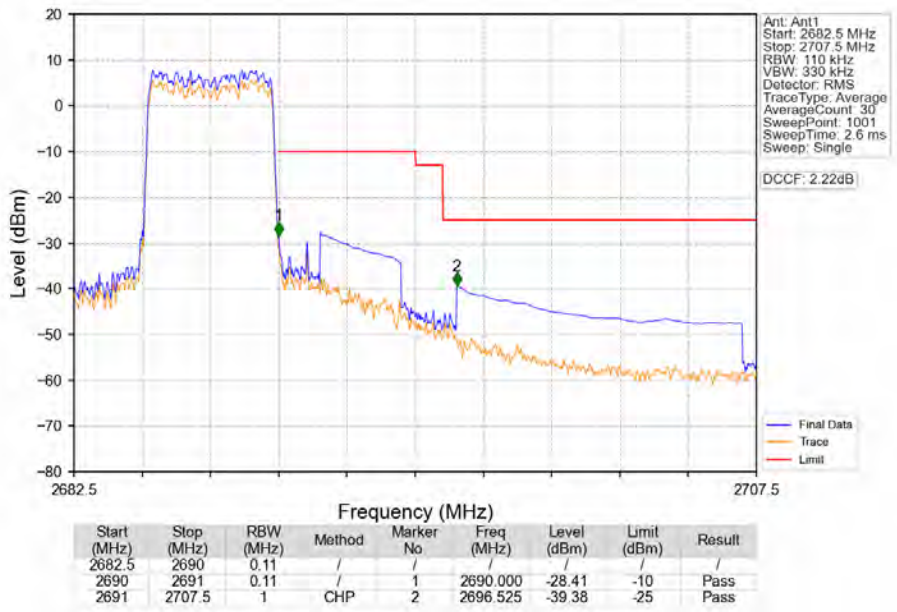
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_24_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV

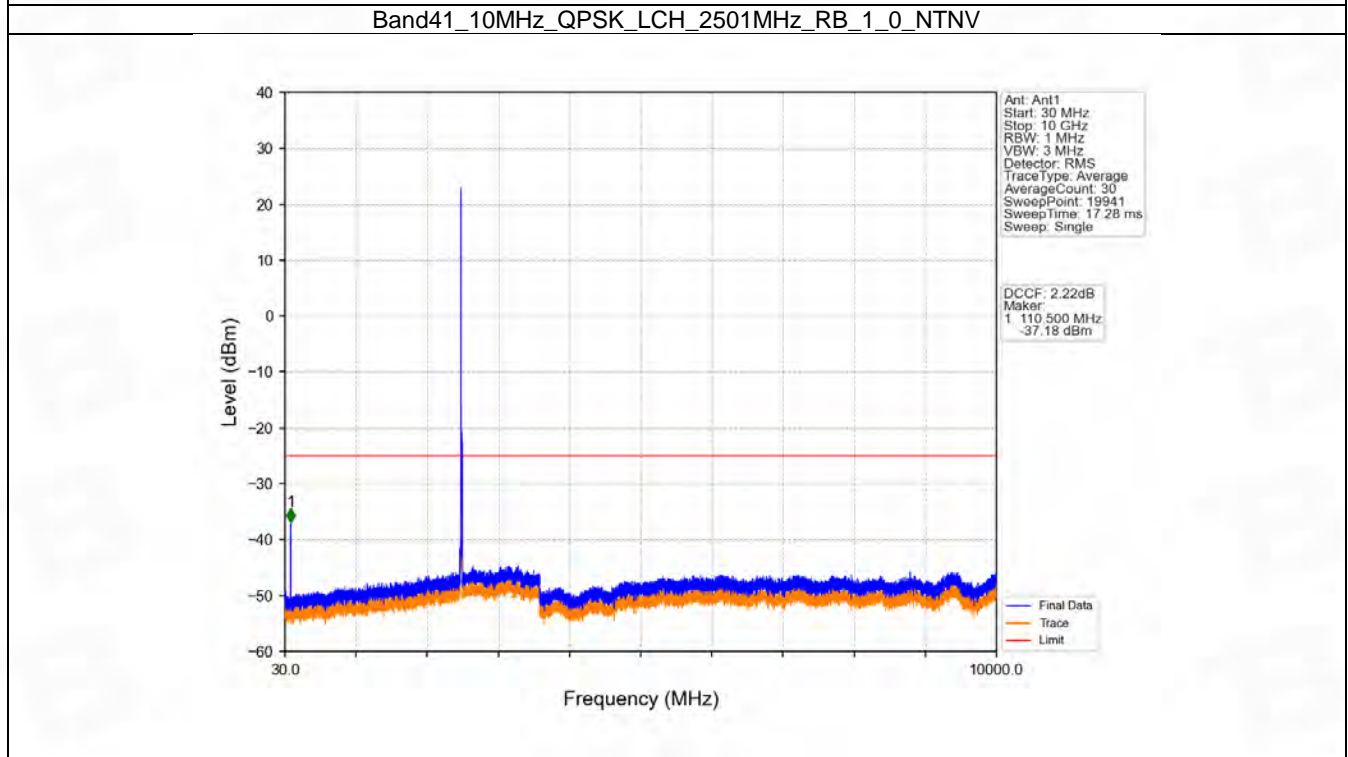
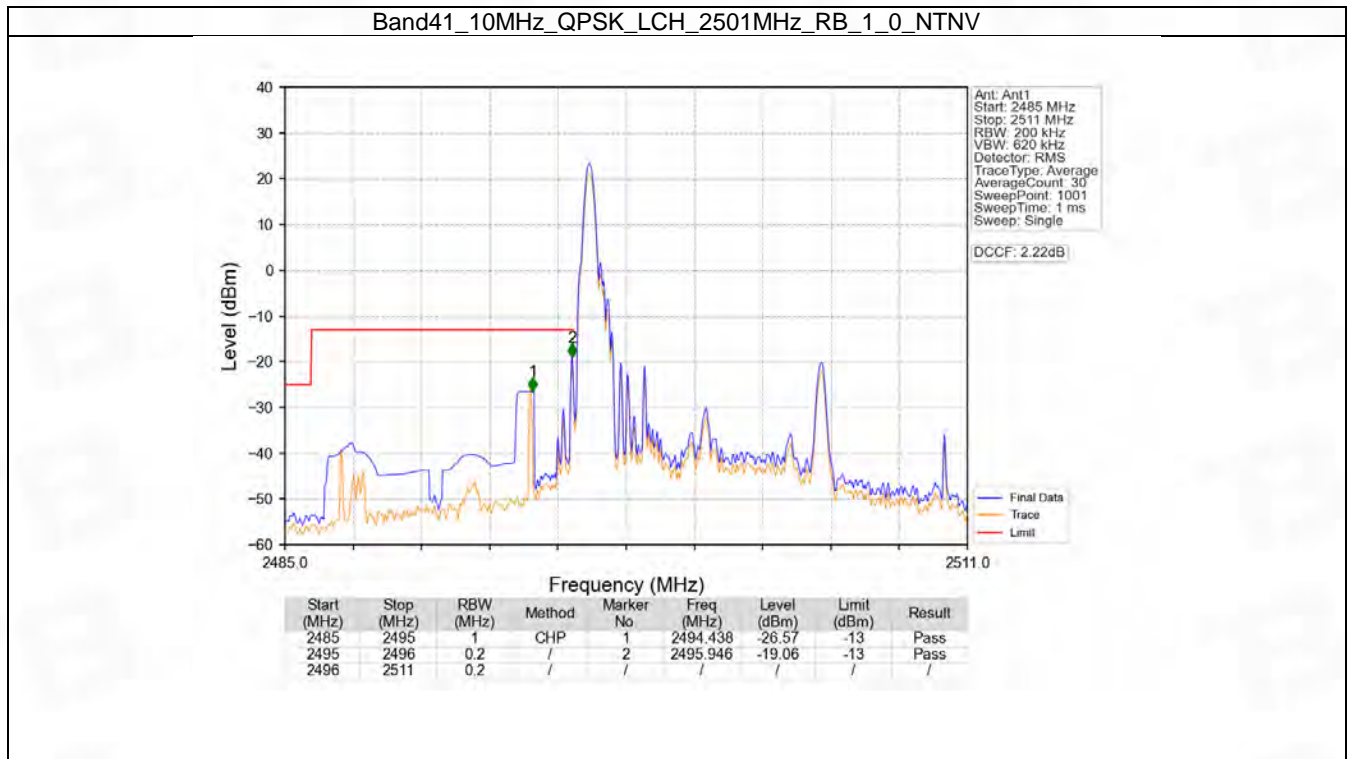


6.2 B41_10MHz

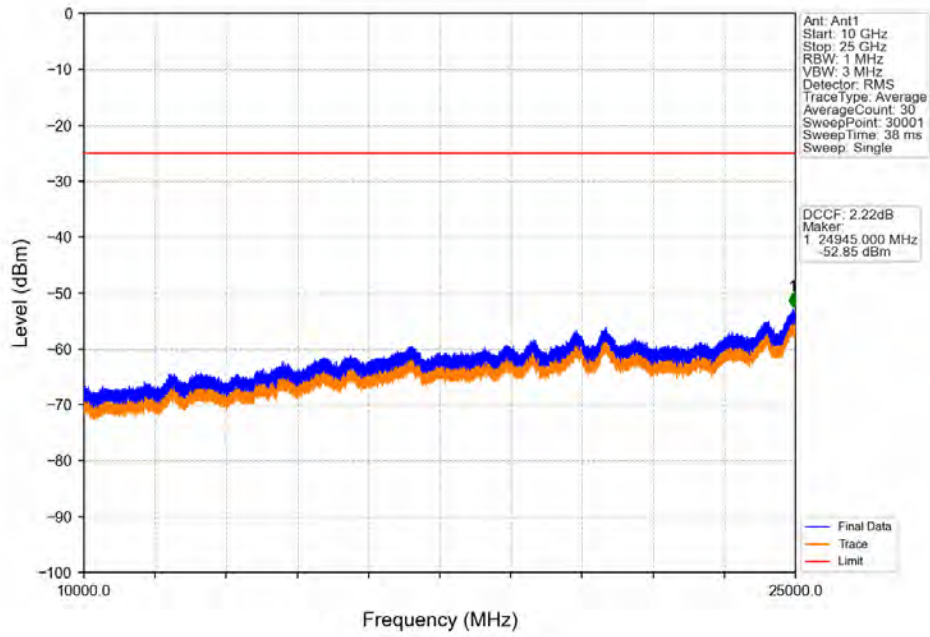
6.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTV						
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
	2593	1	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
	2593	1	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

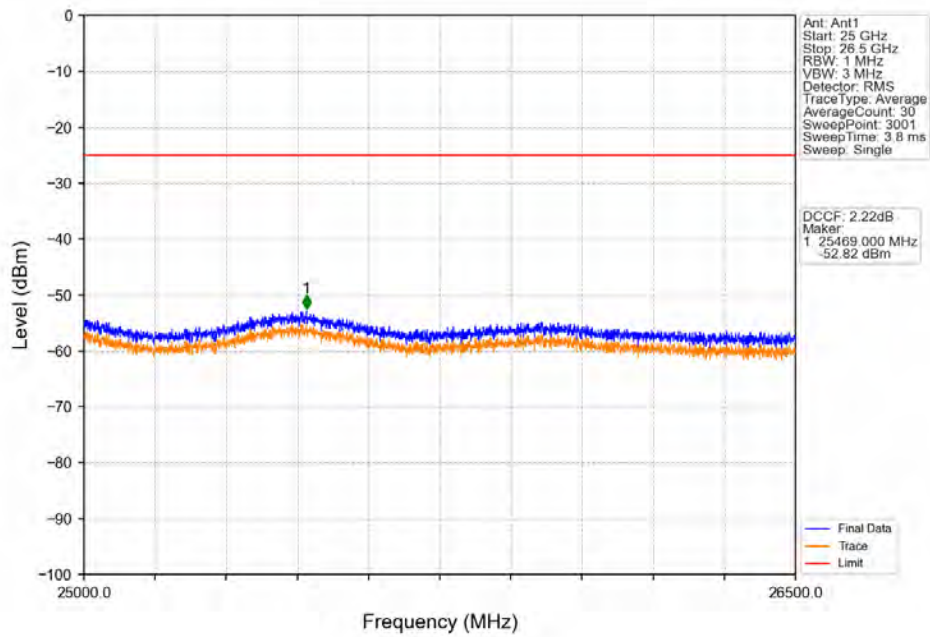
6.2.2 Test Graph



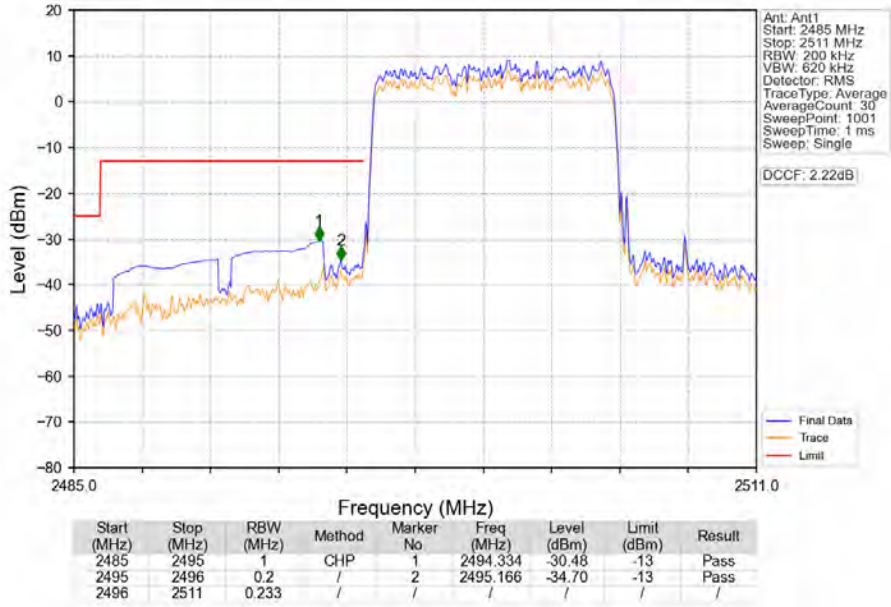
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



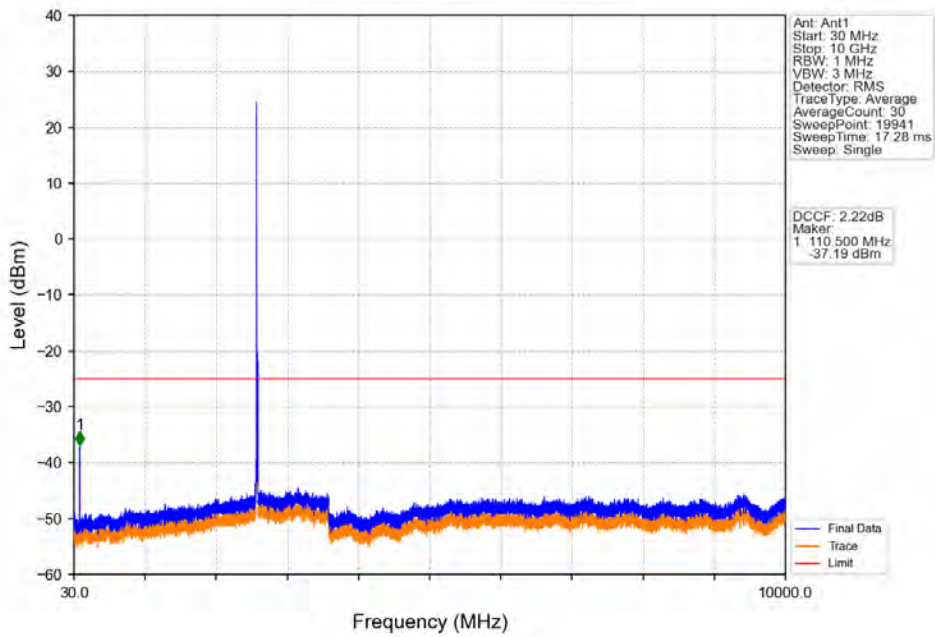
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



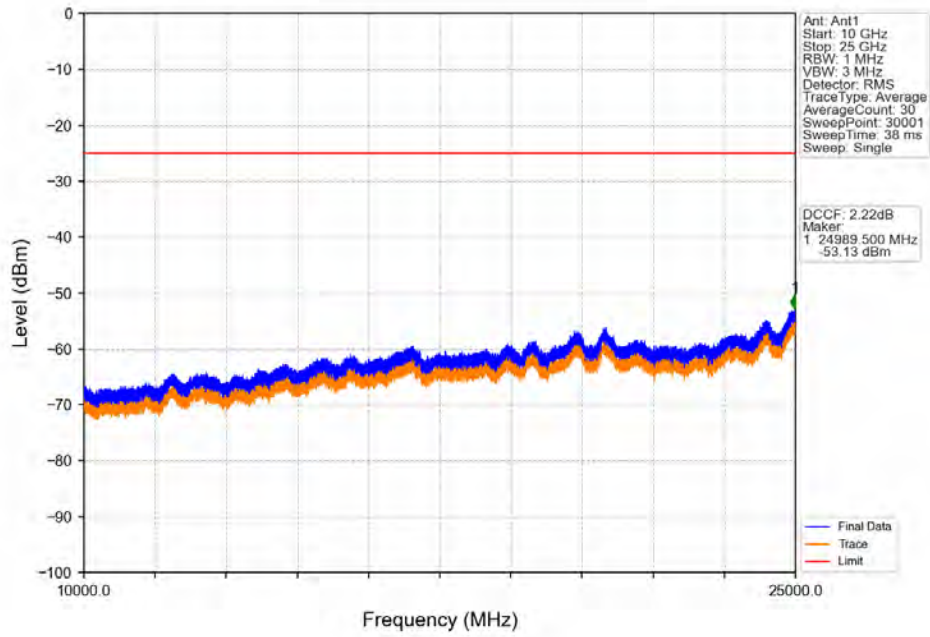
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



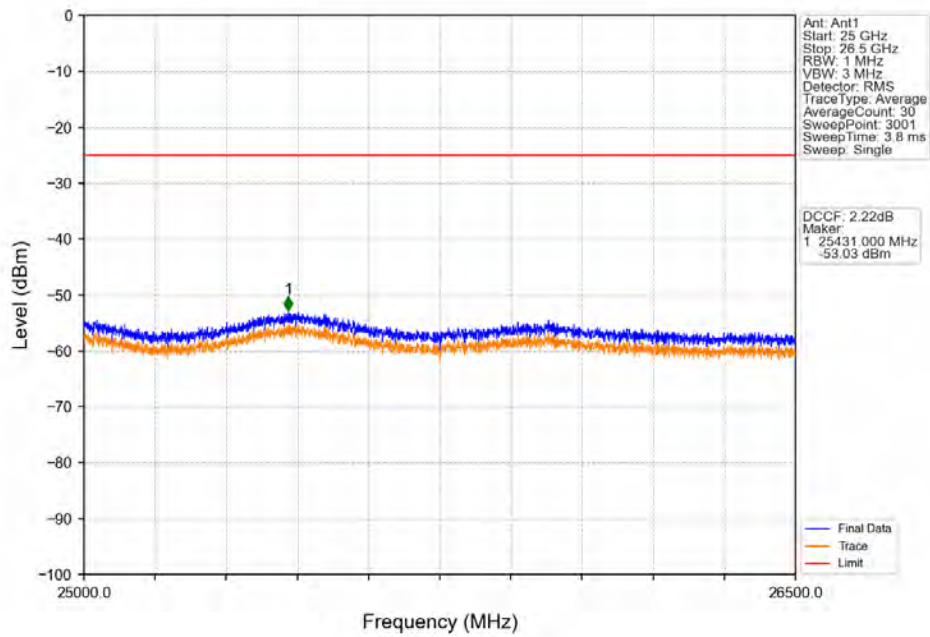
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



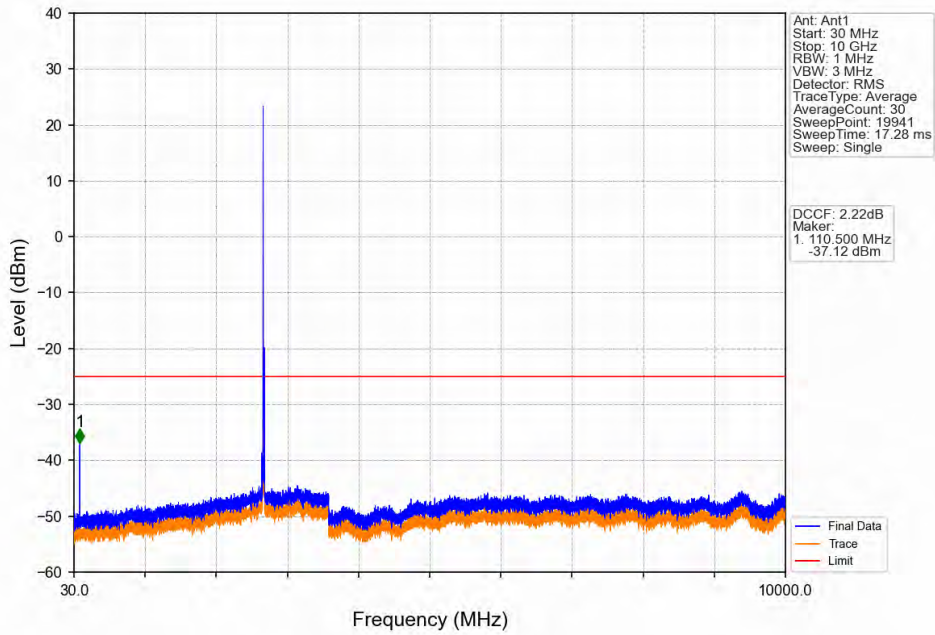
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



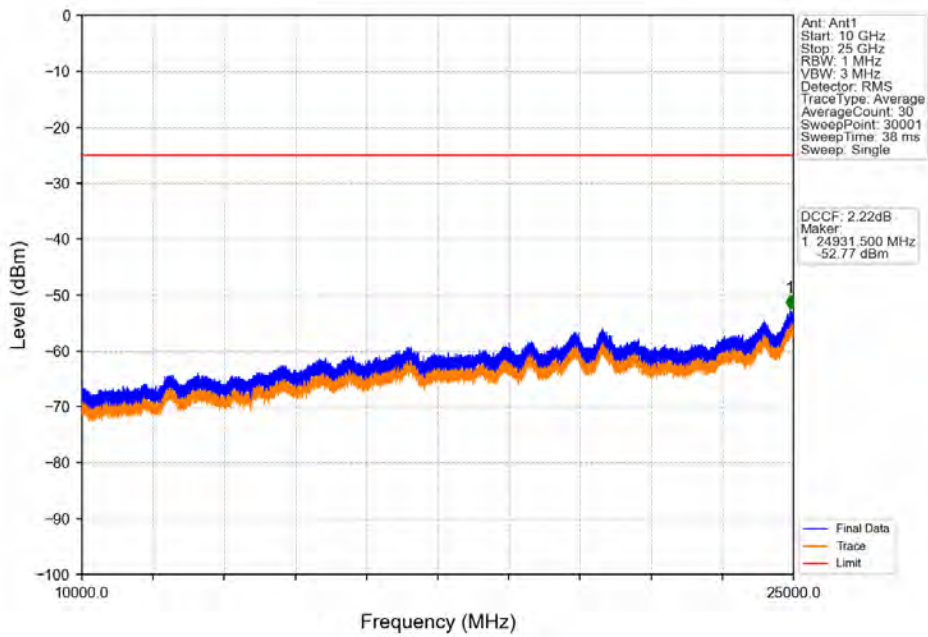
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



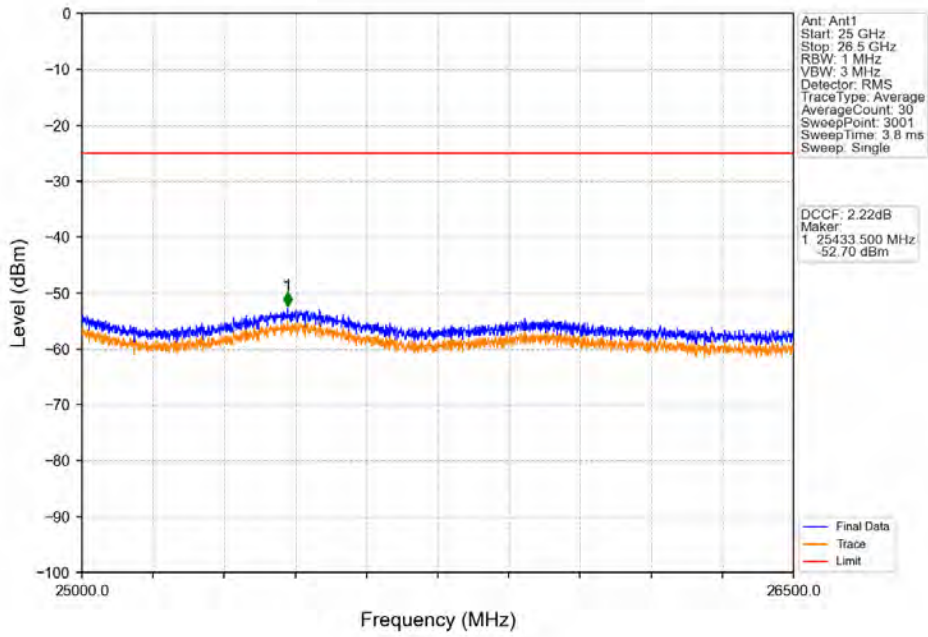
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



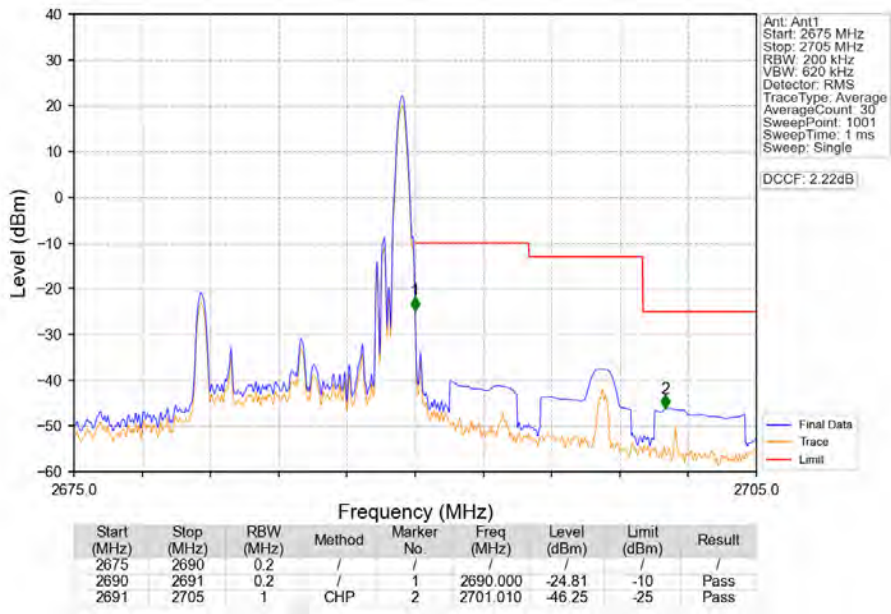
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



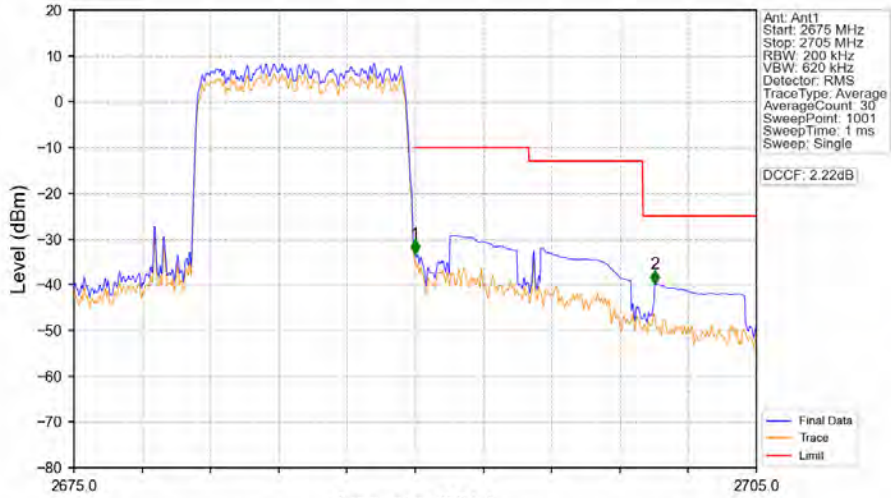
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV

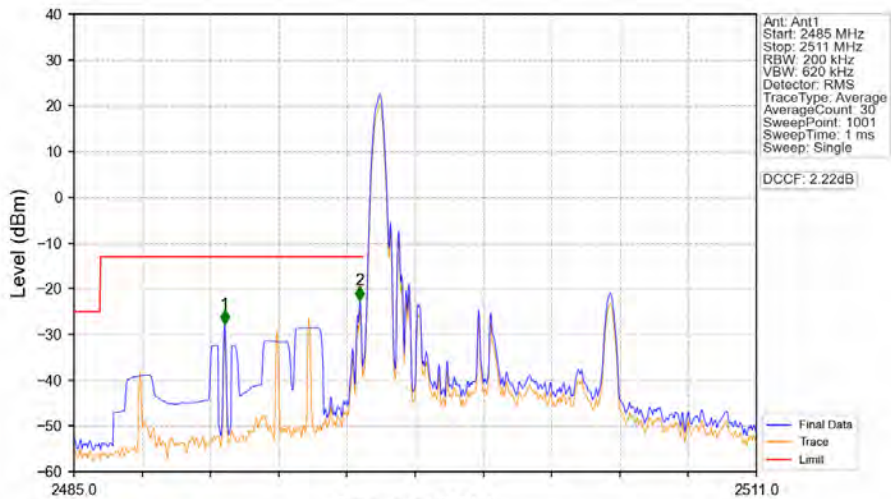


Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTV



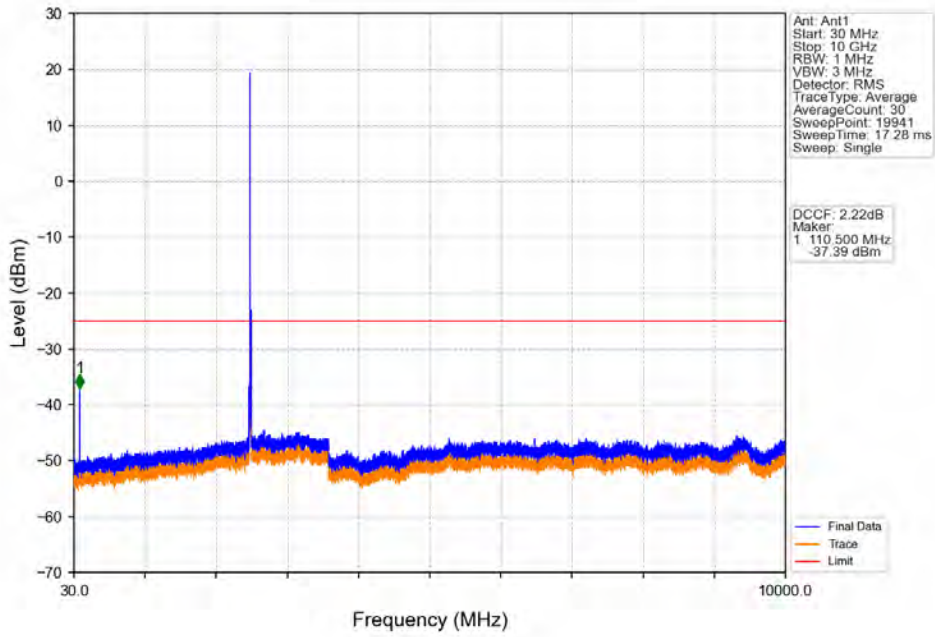
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	/	/	/	/	/	/
2690	2691	0.2	/	1	2690.000	-33.22	-10	Pass
2691	2705	1	CHP	2	2700.530	-39.89	-25	Pass

Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTV

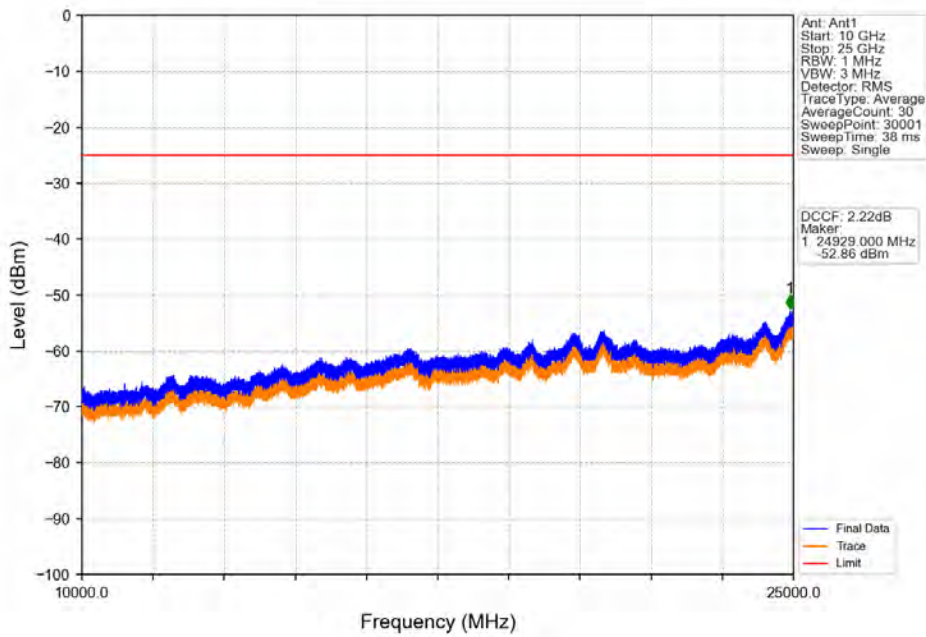


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2490.746	-27.67	-13	Pass
2495	2496	0.2	/	2	2495.894	-22.53	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

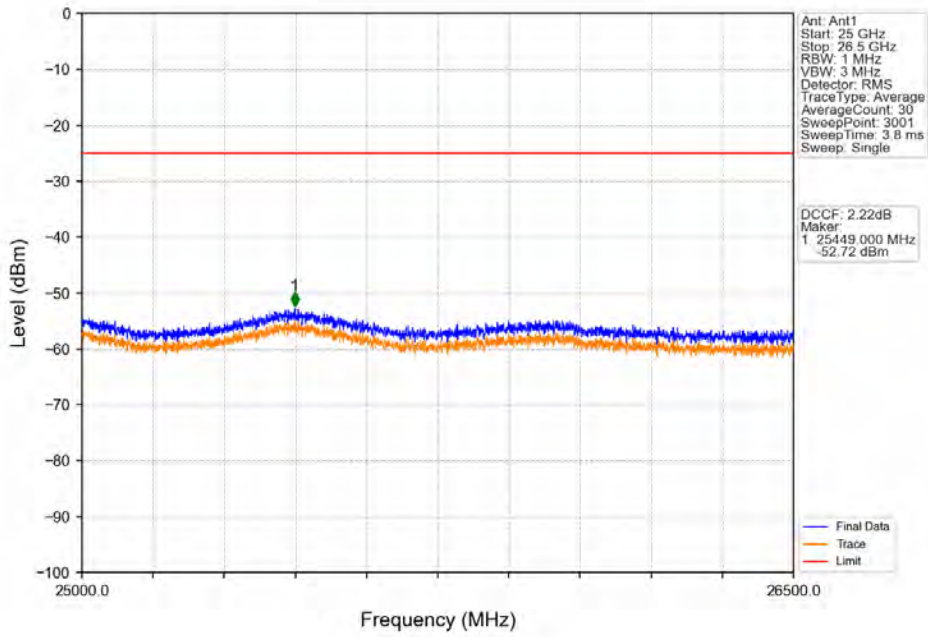
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



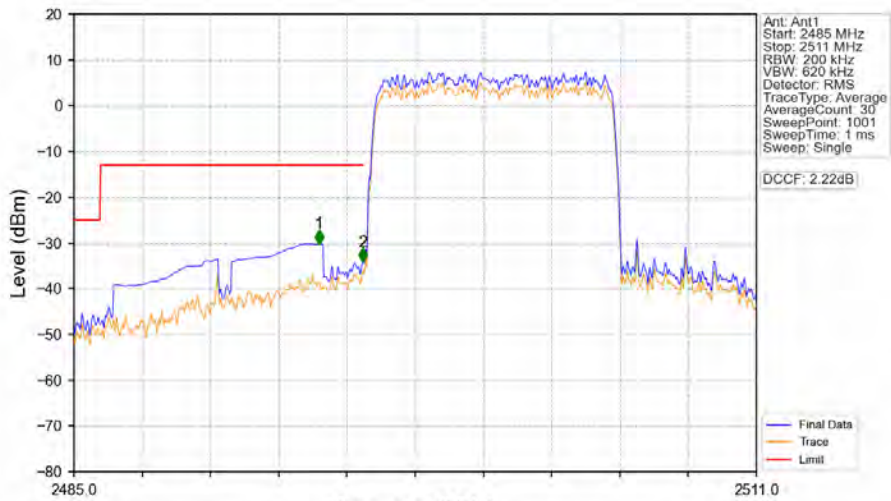
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV

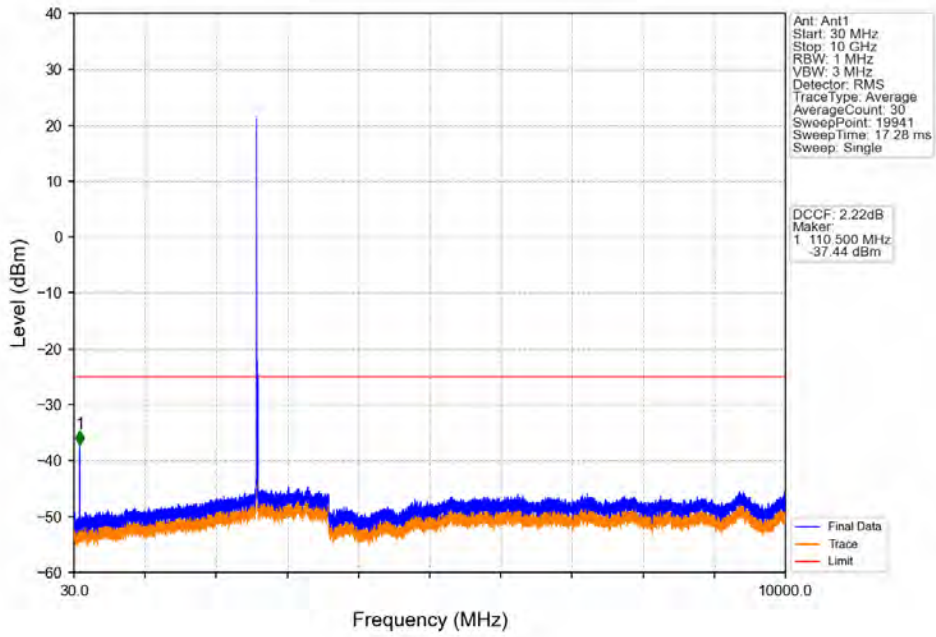


Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV

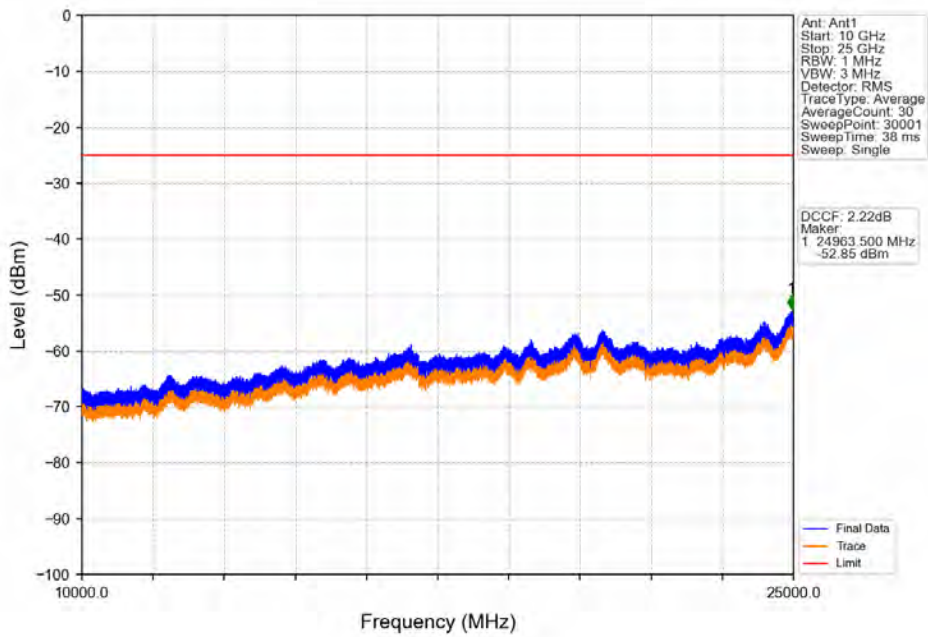


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.334	-30.19	-13	Pass
2495	2496	0.2	/	2	2495.998	-34.11	-13	Pass
2496	2511	0.246	/	/	/	/	/	/

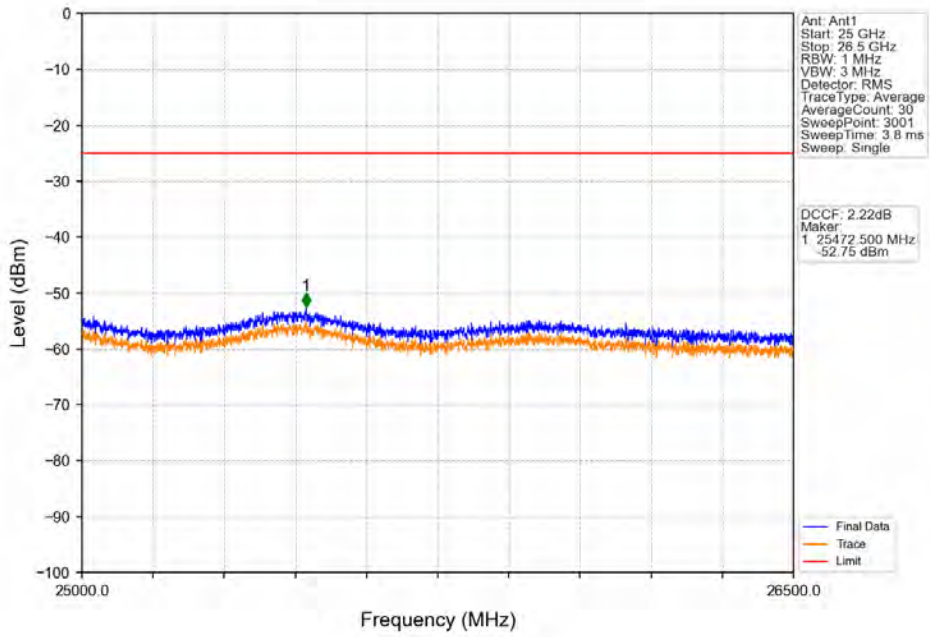
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



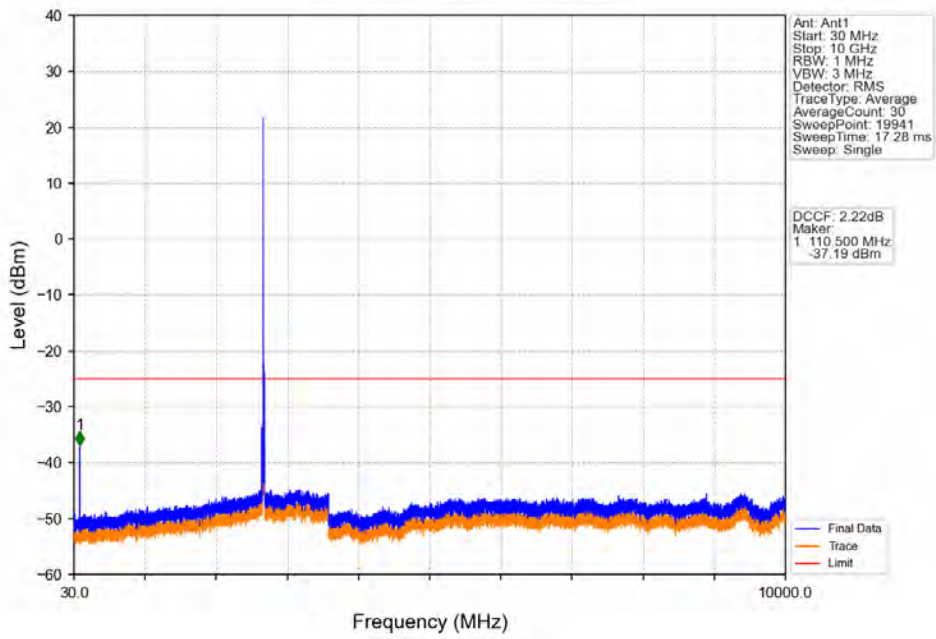
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



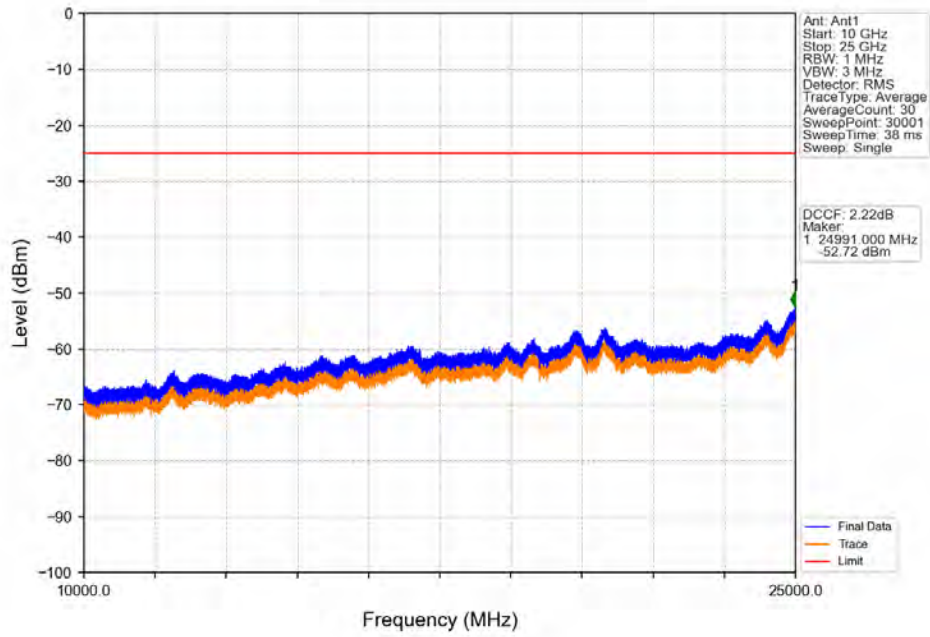
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



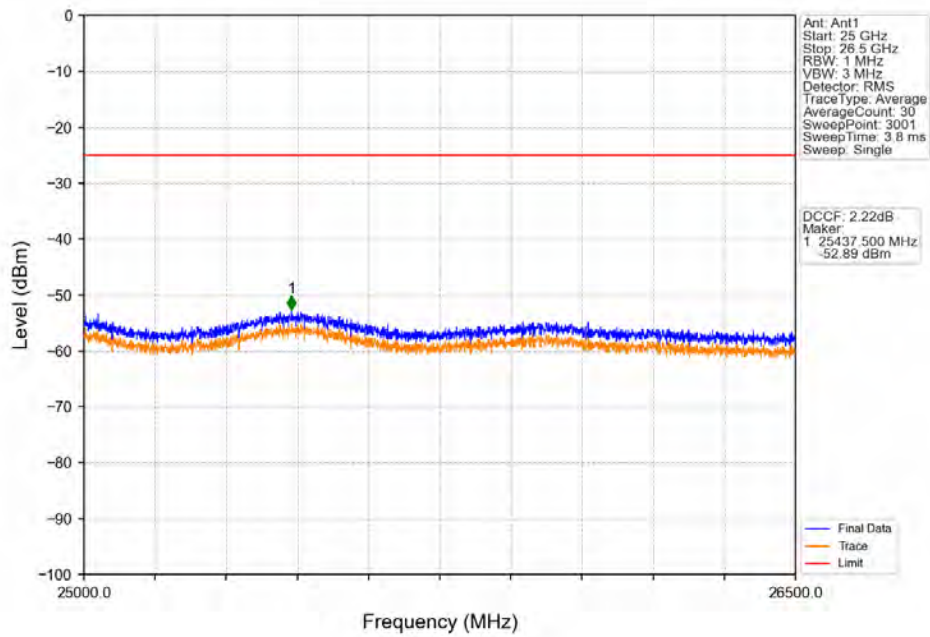
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



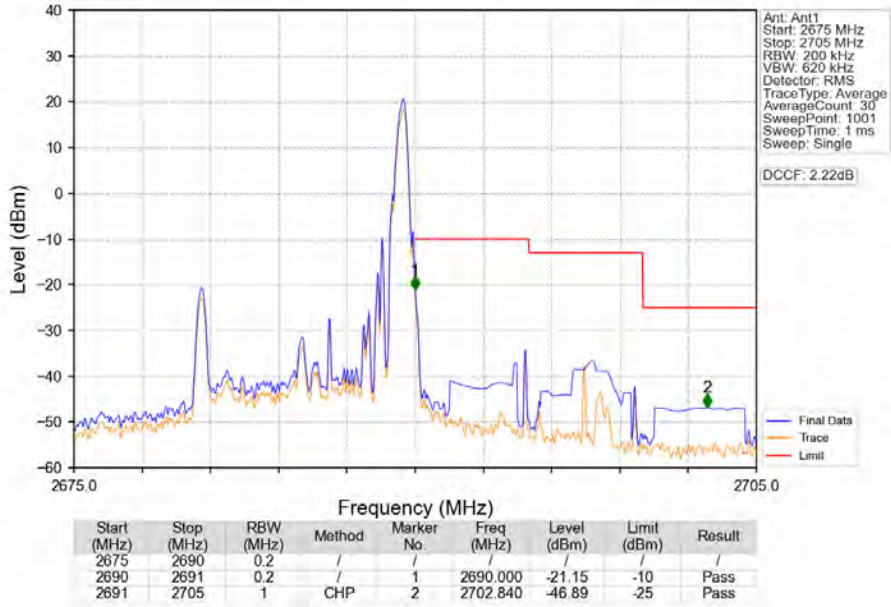
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



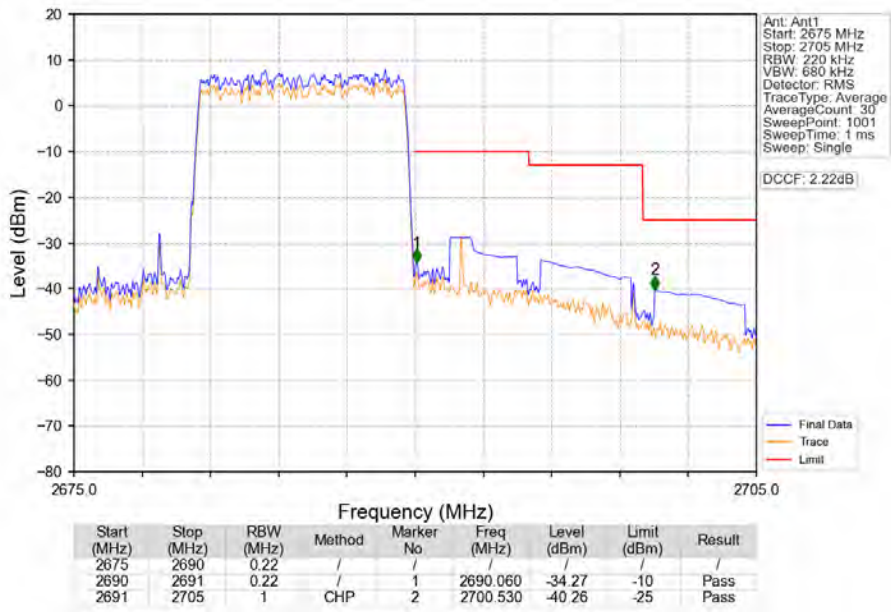
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_1_49_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV

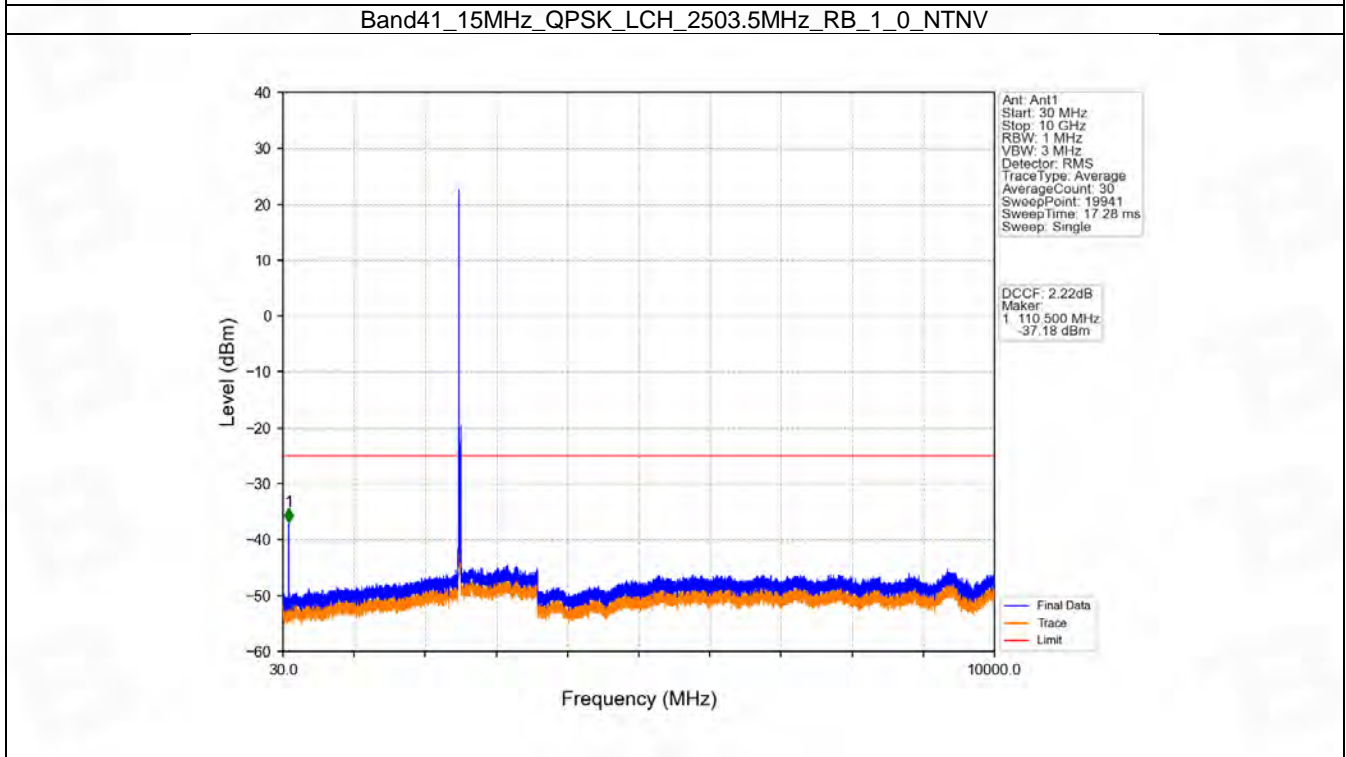
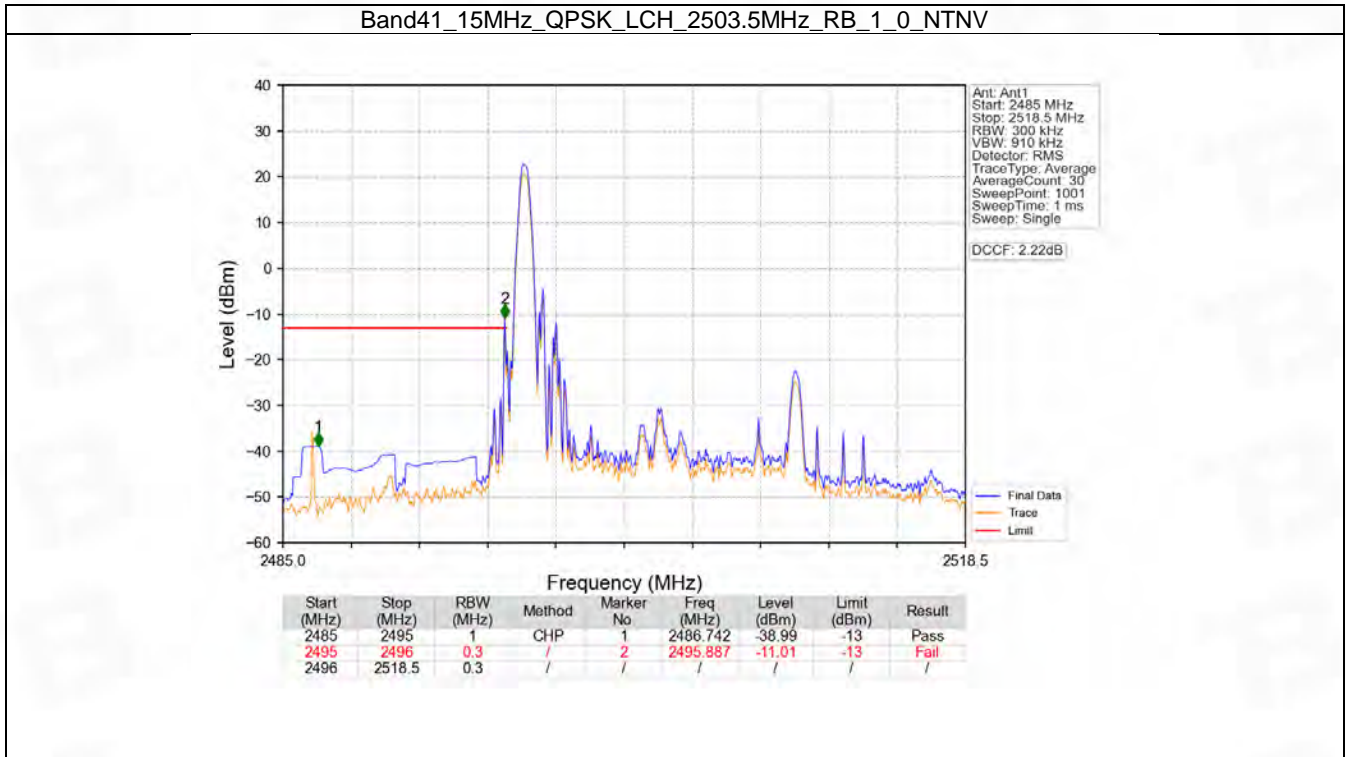


6.3 B41_15MHz

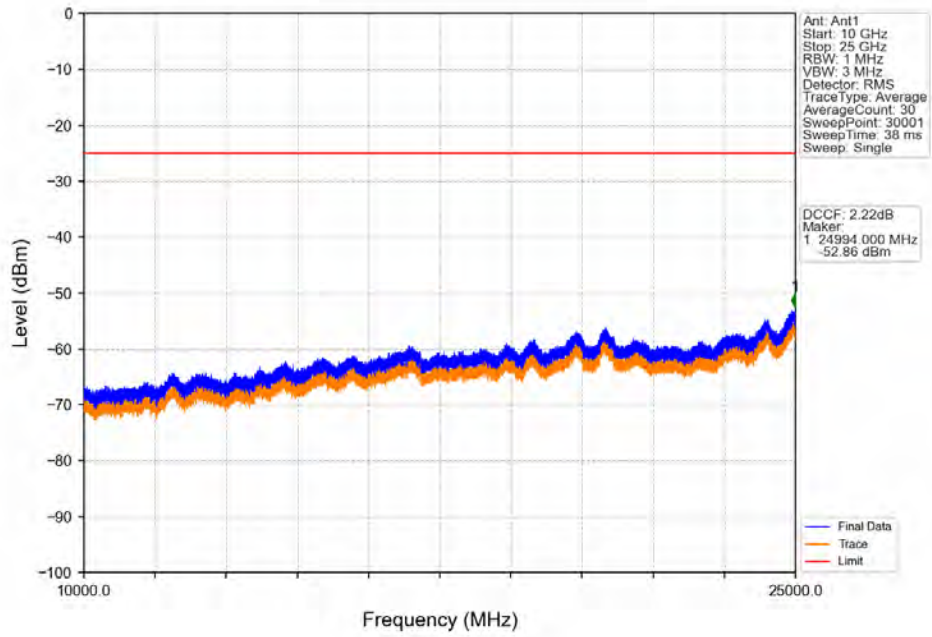
6.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Fail
		75	0	Refer To Test Graph		Pass
	2593	1	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
	2593	1	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

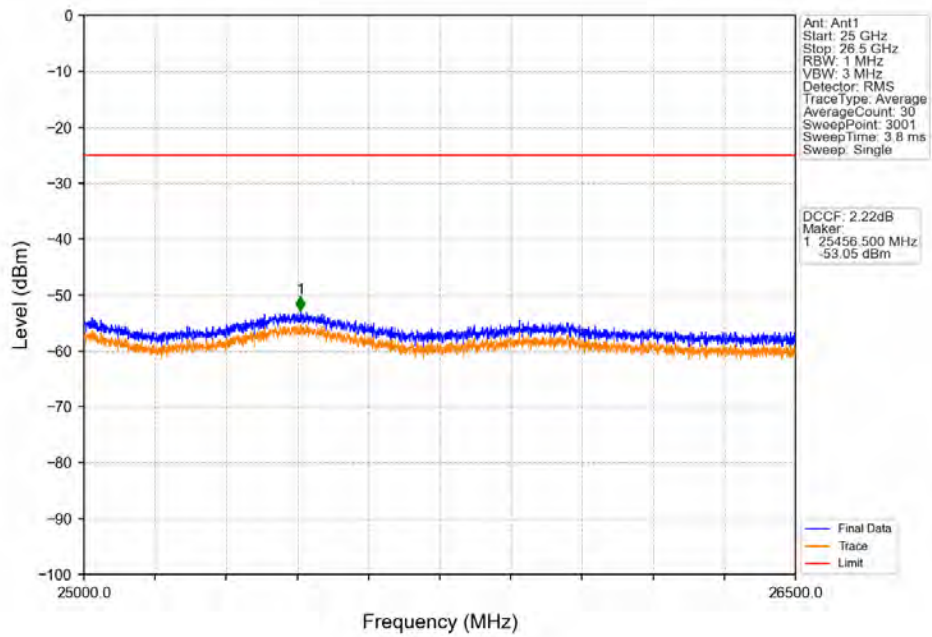
6.3.2 Test Graph



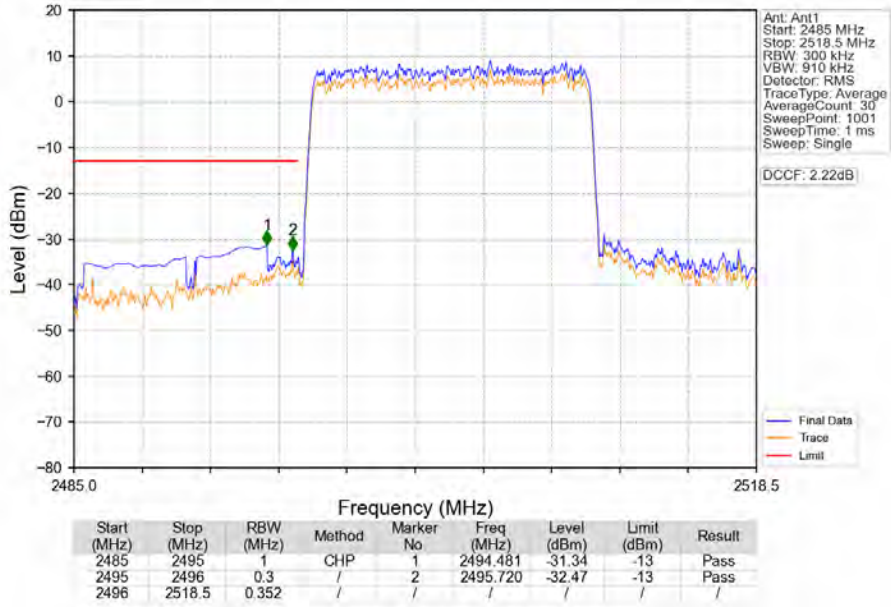
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



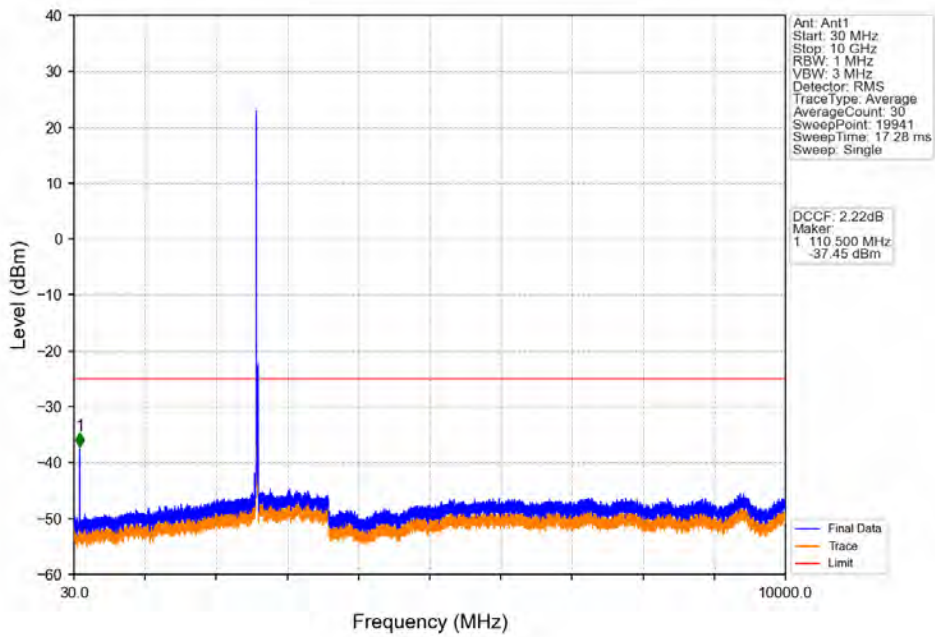
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



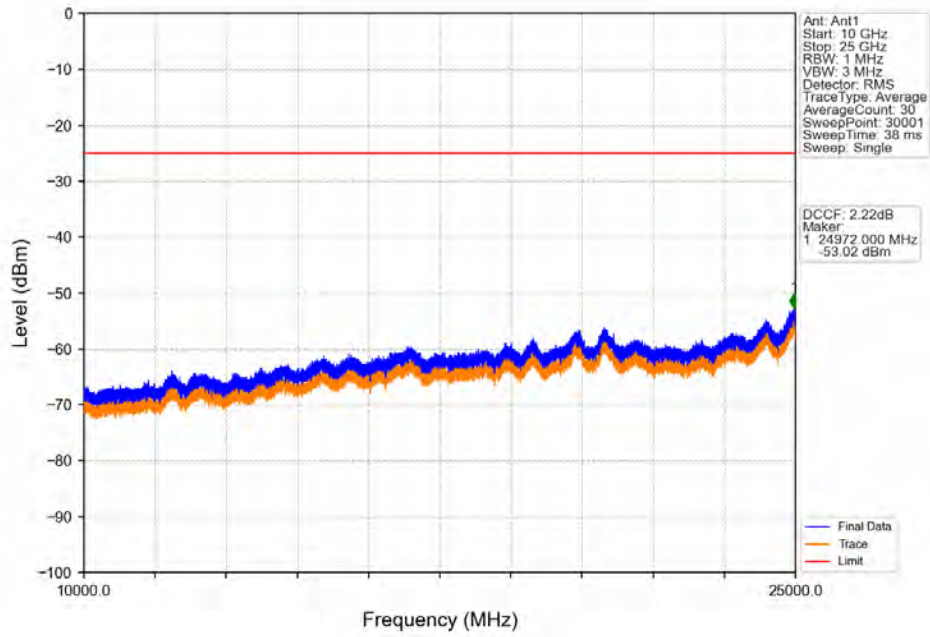
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



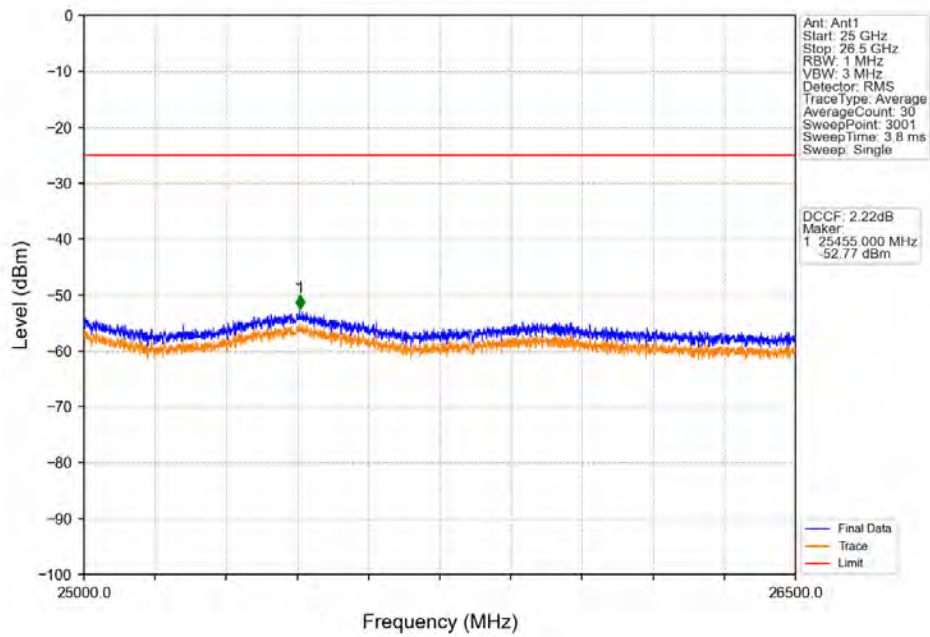
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



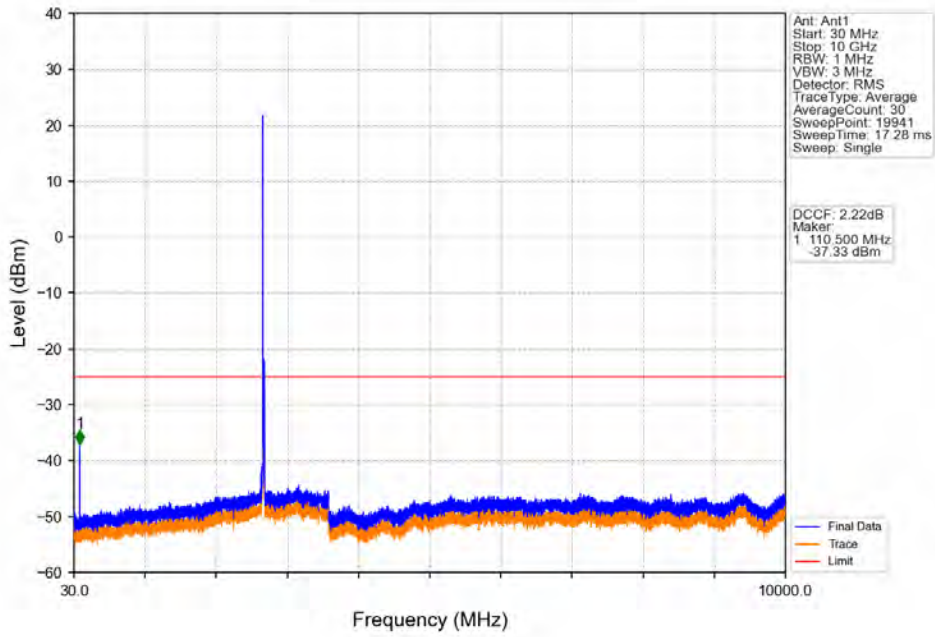
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



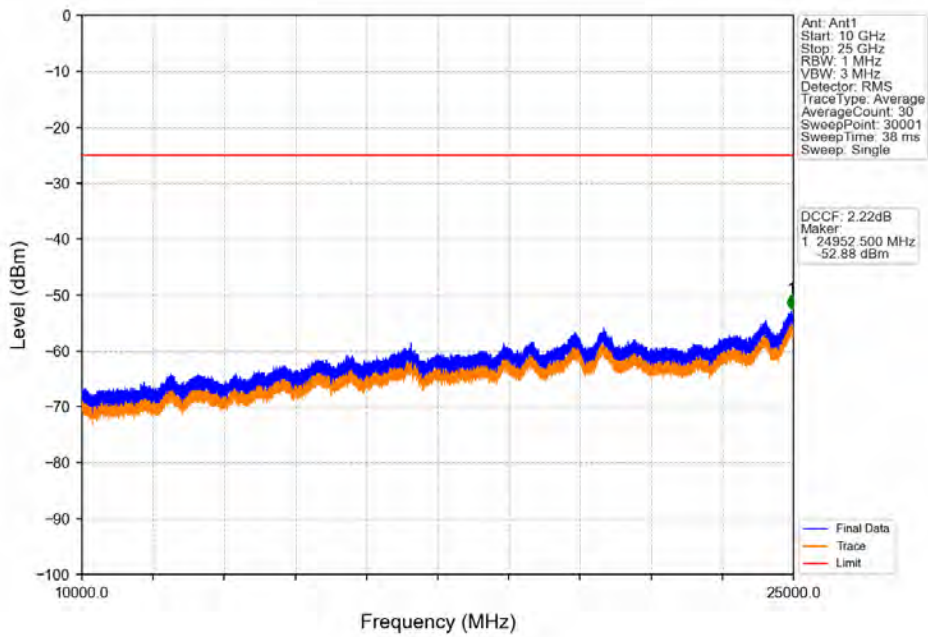
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



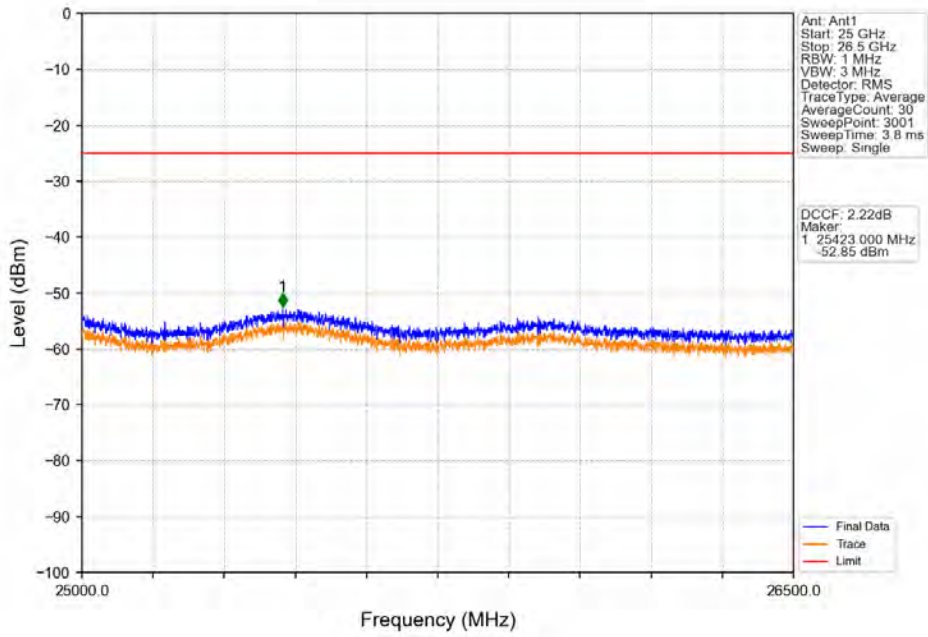
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



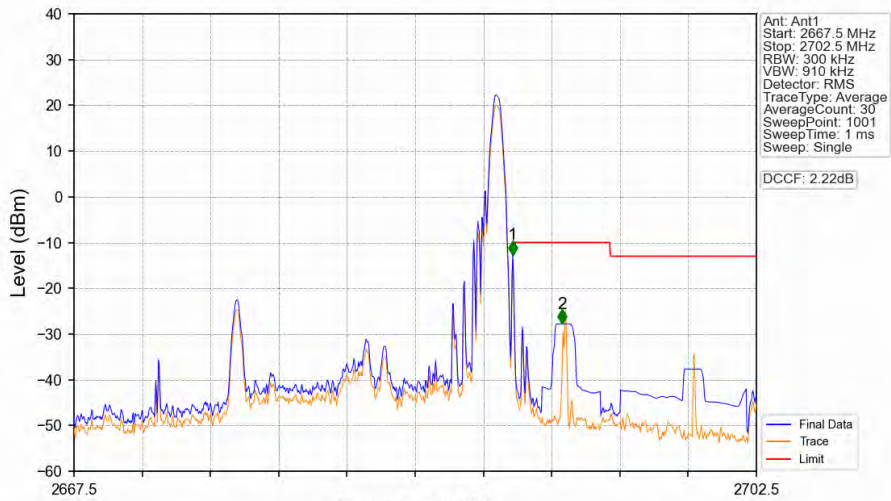
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

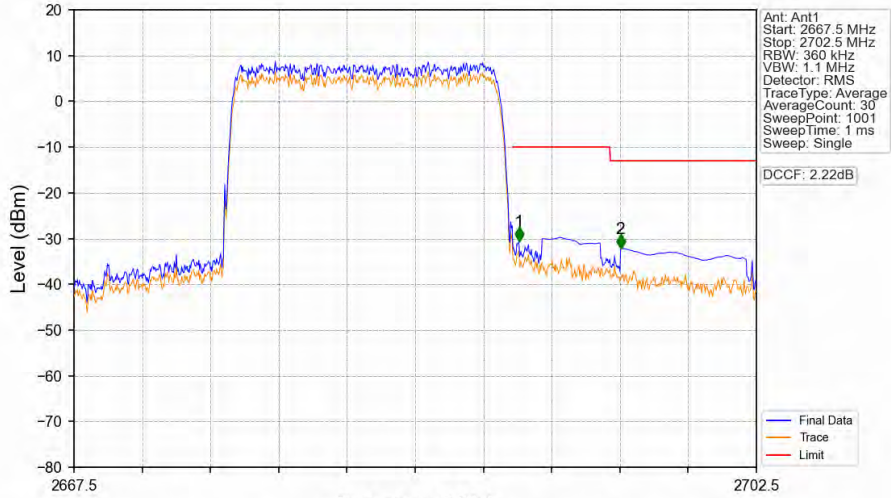


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



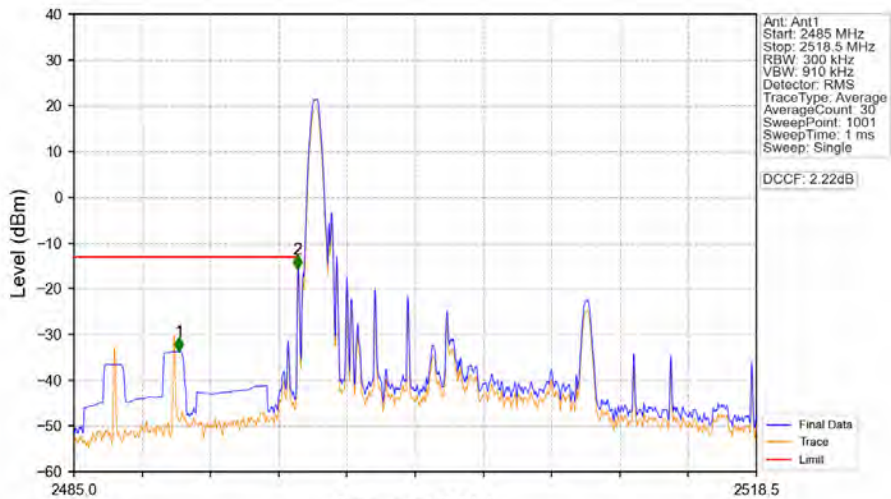
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	/	1	2690.005	-12.67	-10	Pass
2690	2691	0.3	/	1	2690.005	-12.67	-10	Pass
2691	2702.5	1	CHP	2	2692.525	-27.80	-10	Pass

Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



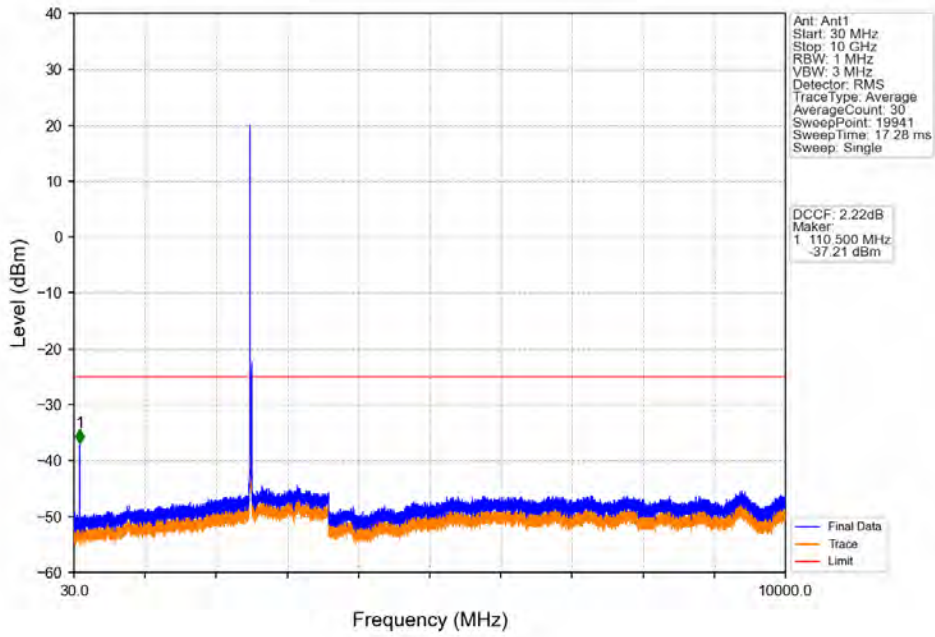
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.36	/	/	/	/	/	/
2690	2691	0.36	/	1	2690.320	-30.61	-10	Pass
2691	2702.5	1	CHP	2	2695.535	-32.16	-13	Pass

Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV

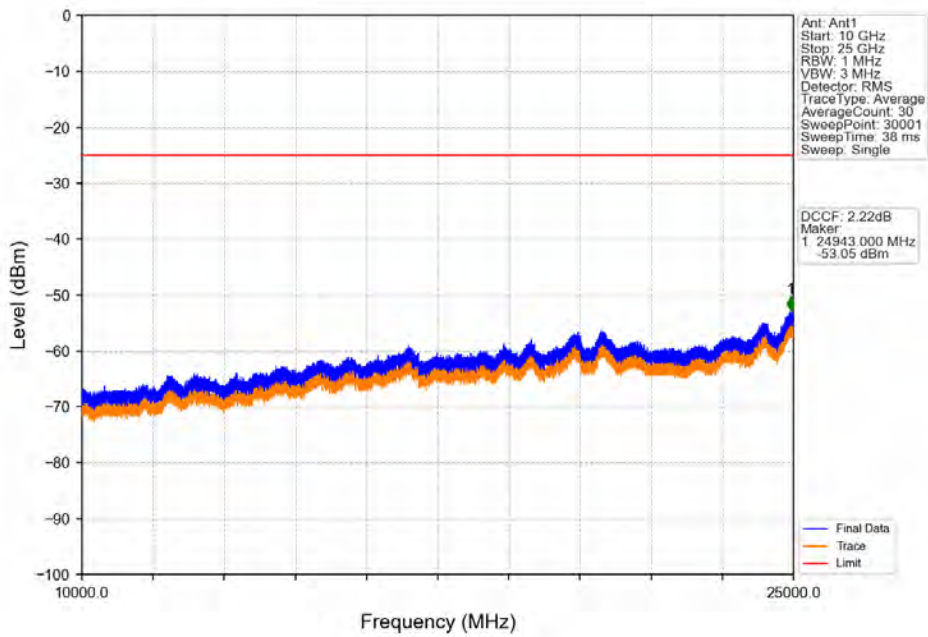


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2490.159	-33.76	-13	Pass
2495	2496	0.3	/	/	/	/	/	/
2496	2518.5	0.3	/	/	/	/	/	/

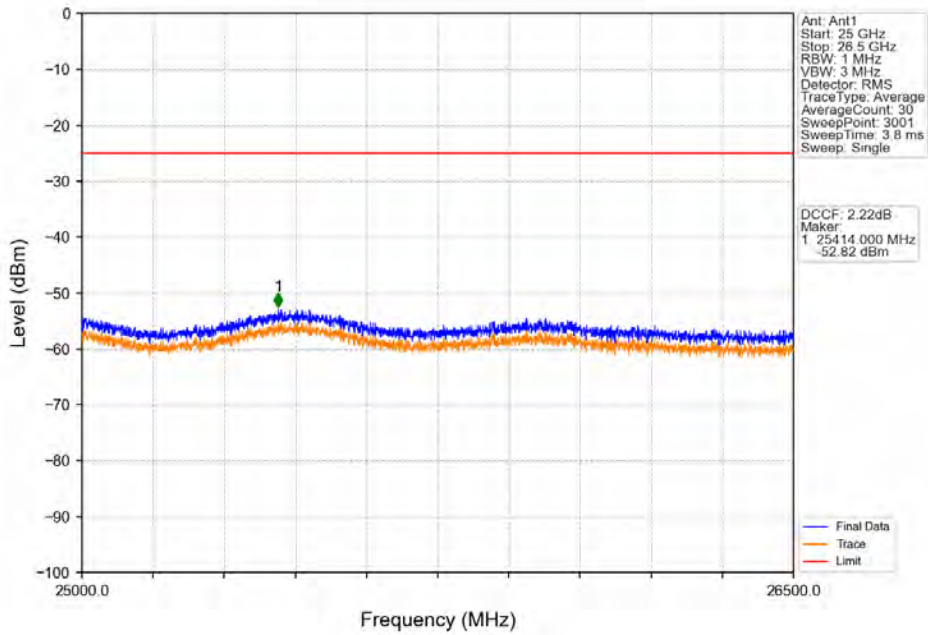
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



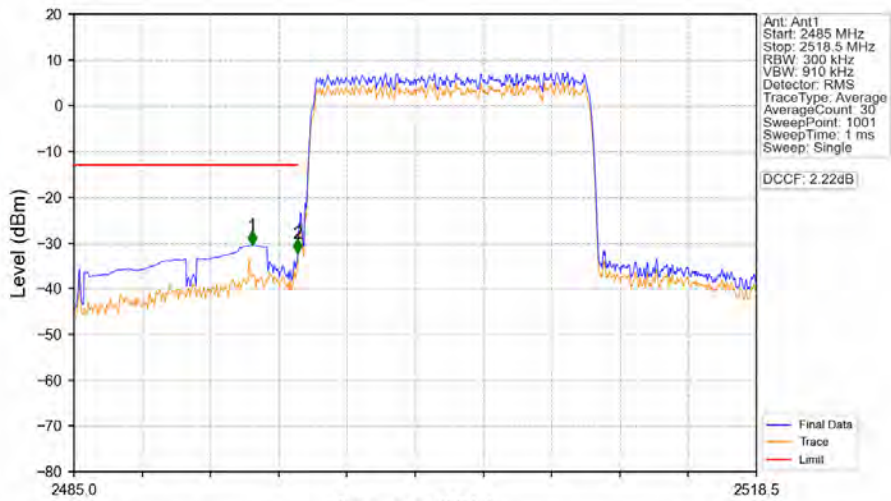
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV

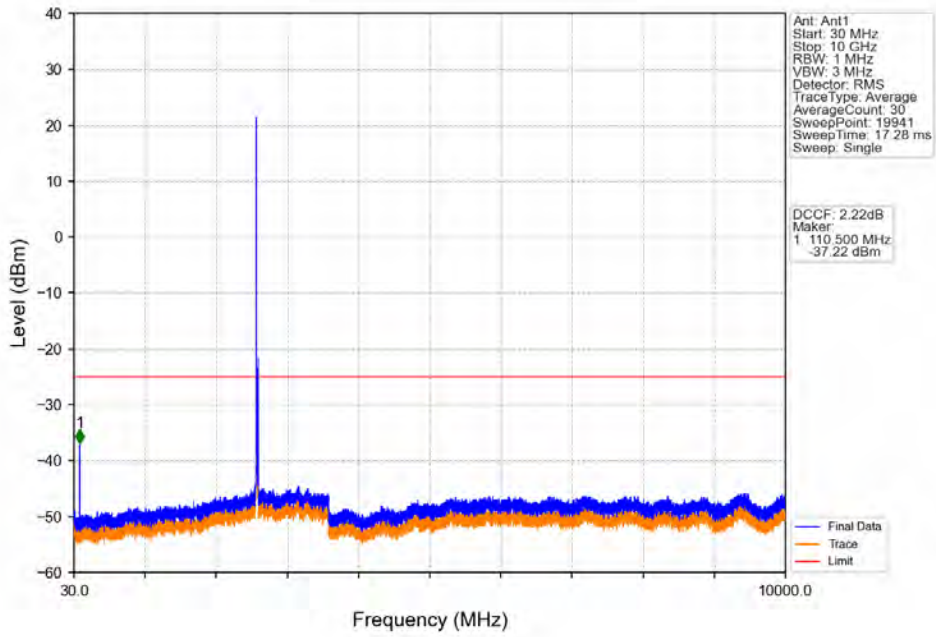


Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV

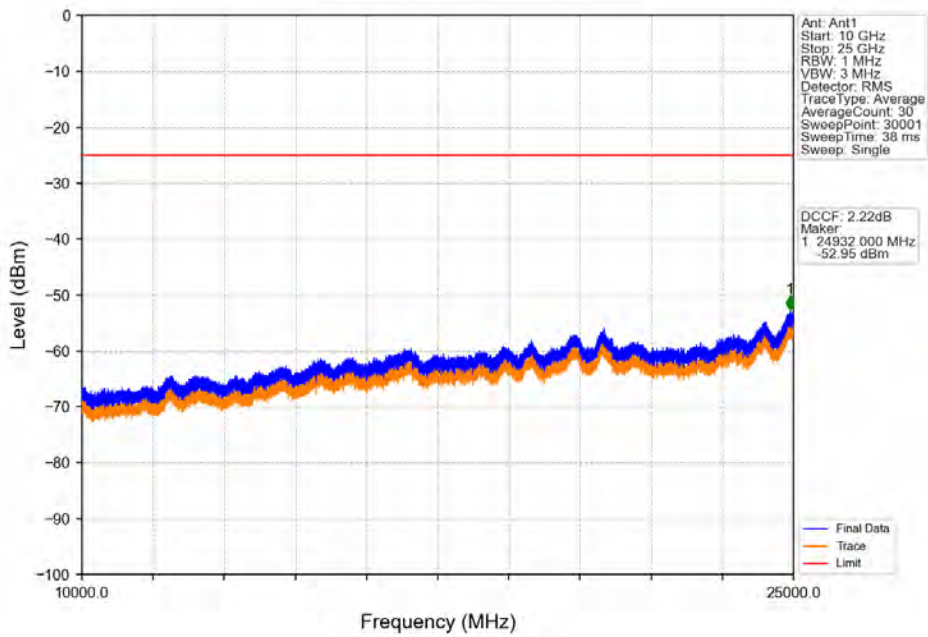


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2493.744	-30.46	-13	Pass
2495	2496	0.3	/	2	2495.988	-32.26	-13	Pass
2496	2518.5	0.352	/	/	/	/	/	/

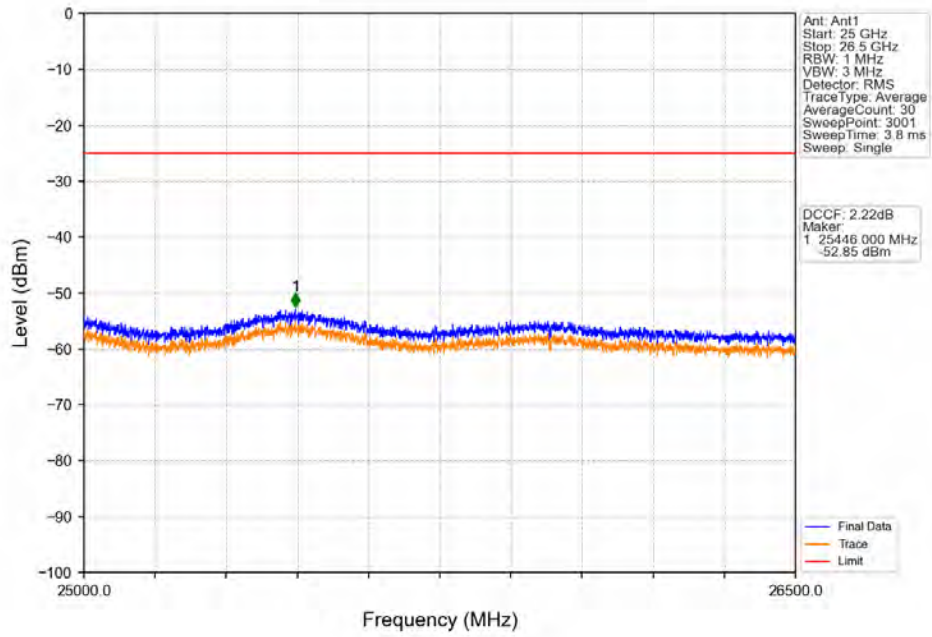
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



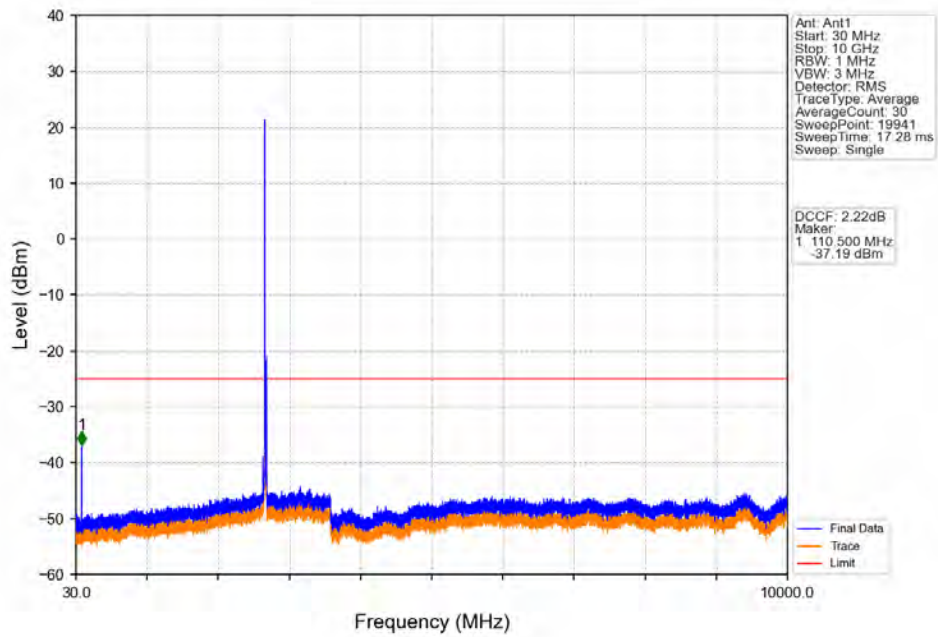
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



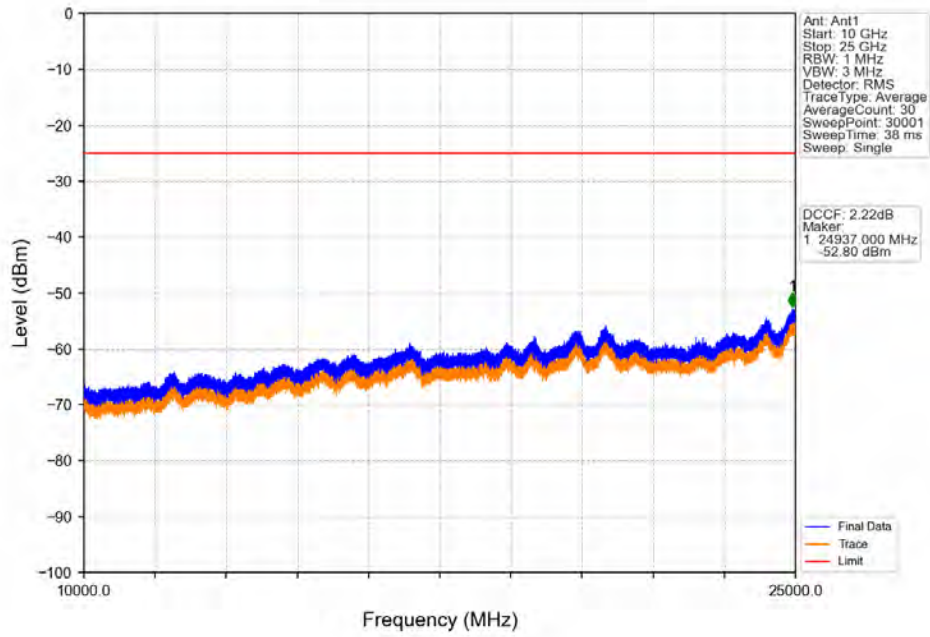
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



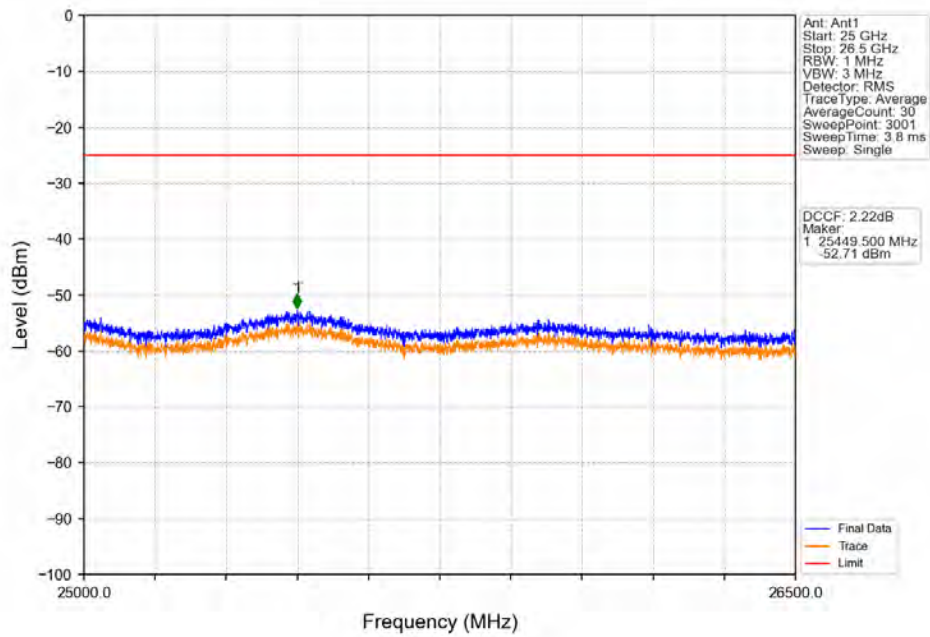
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



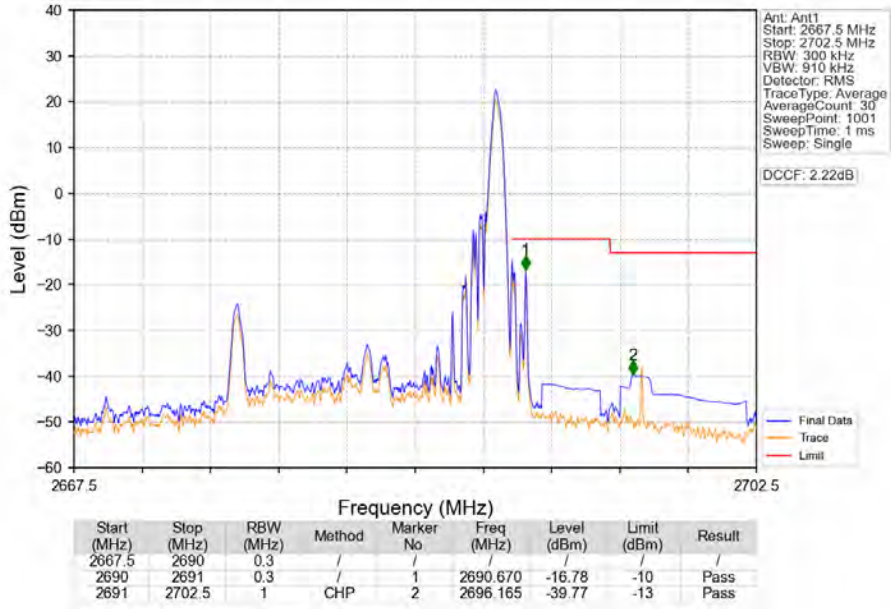
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



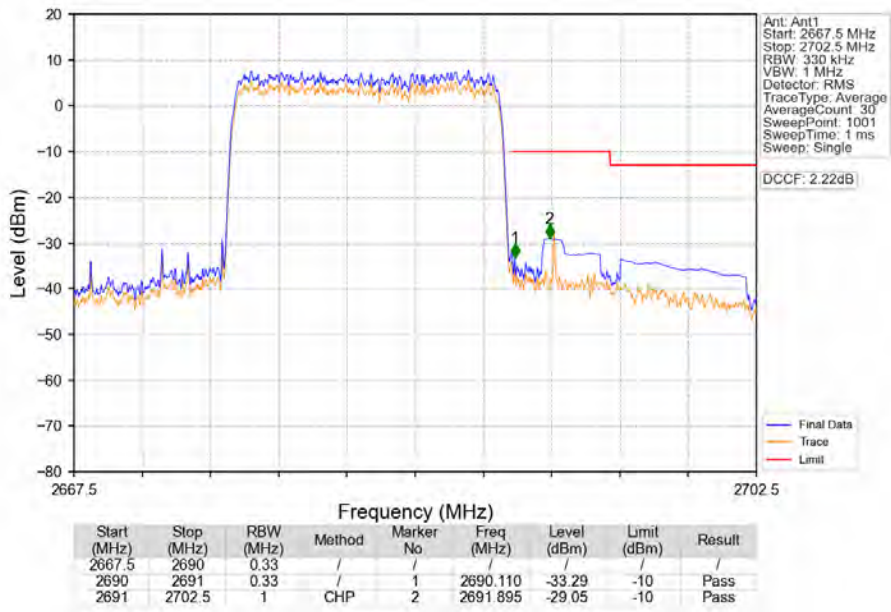
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_74_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV

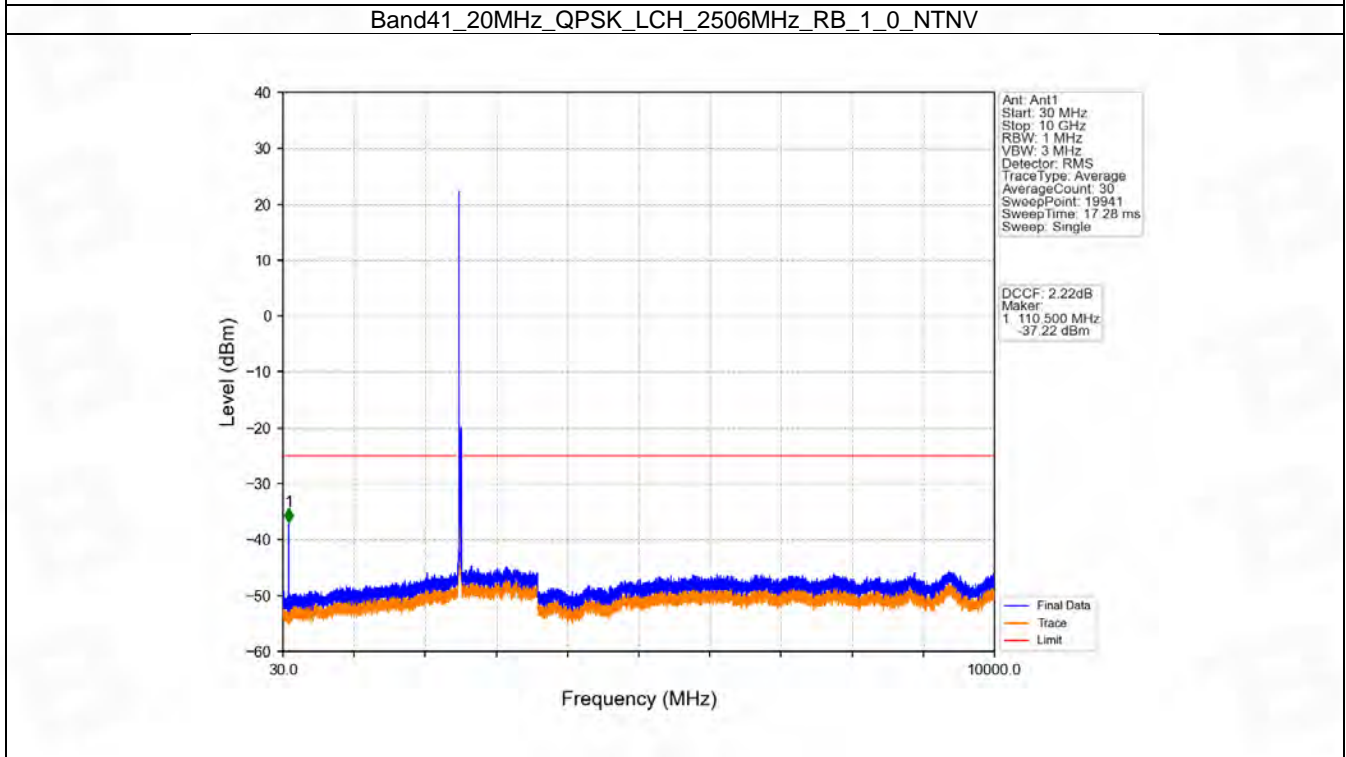
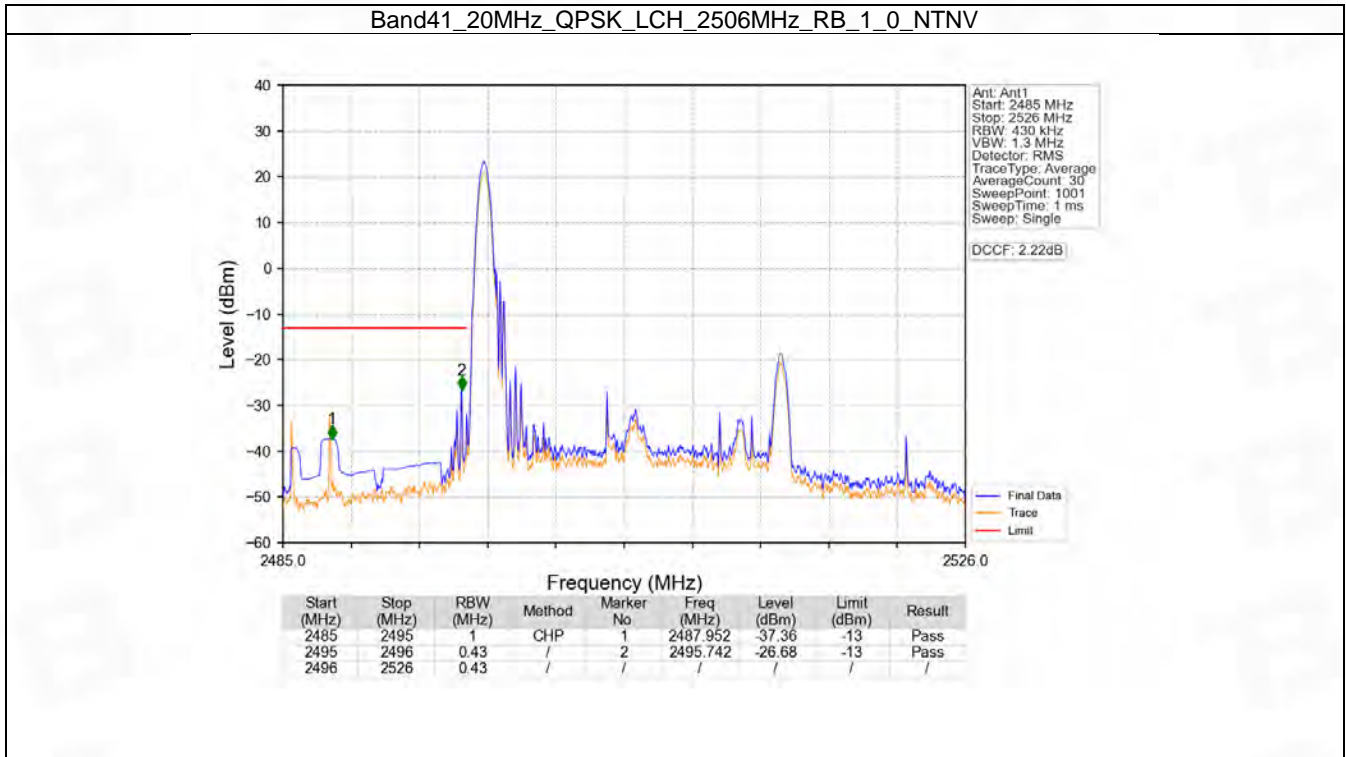


6.4 B41_20MHz

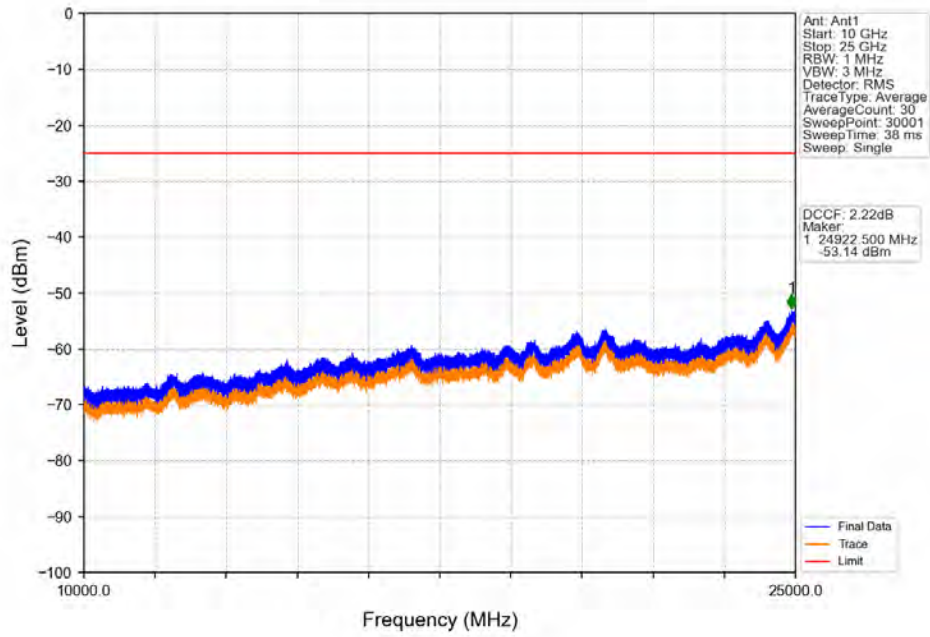
6.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTV						
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
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	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
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

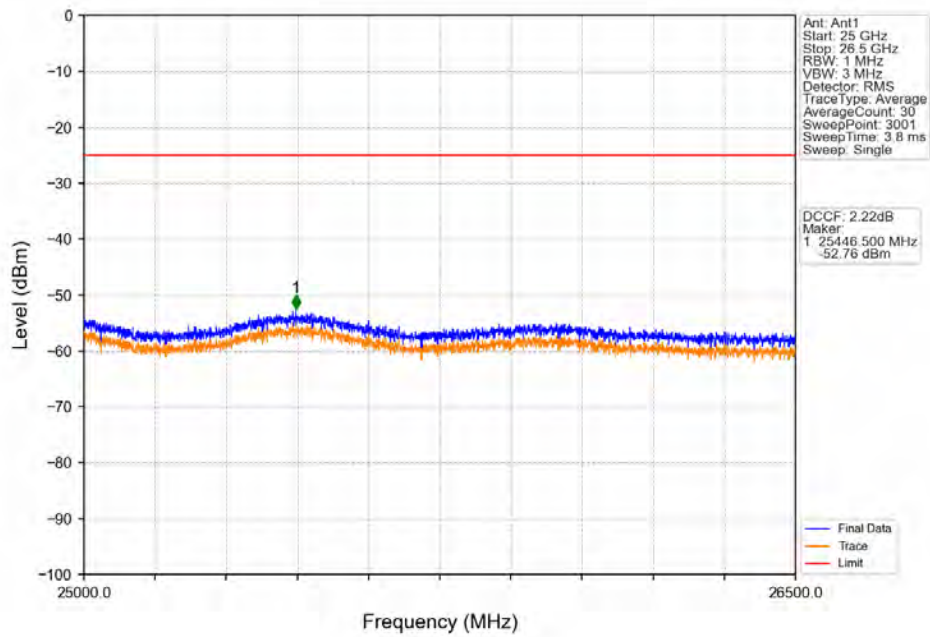
6.4.2 Test Graph



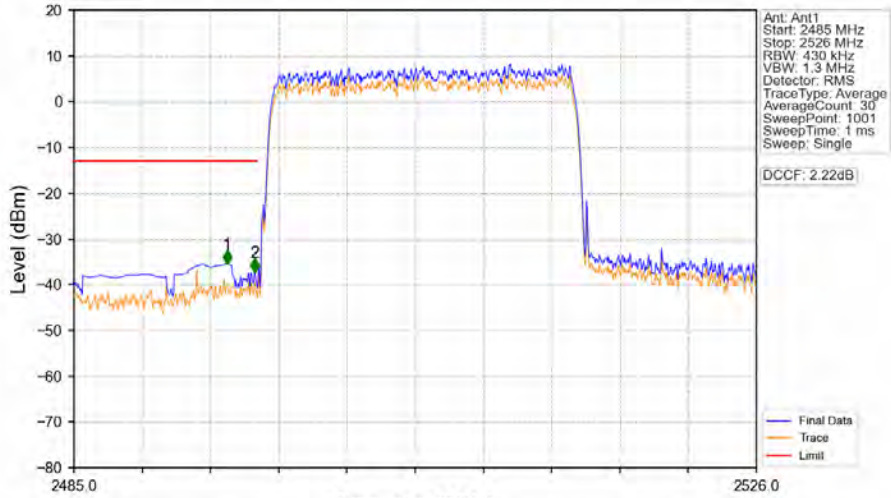
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

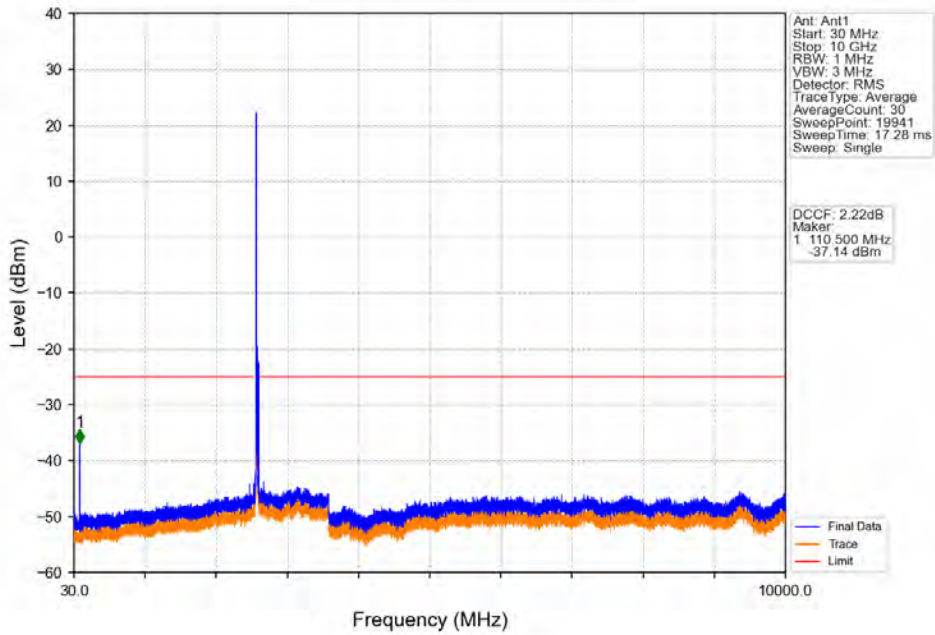


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

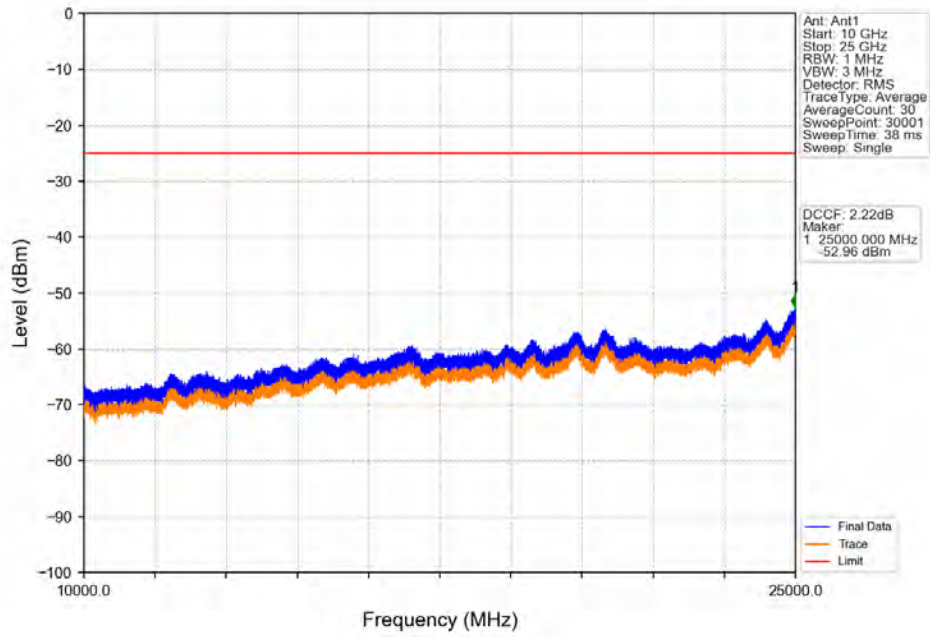


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.184	-35.51	-13	Pass
2495	2496	0.43	/	2	2495.865	-37.27	-13	Pass
2496	2526	0.43	/	/	/	/	/	/

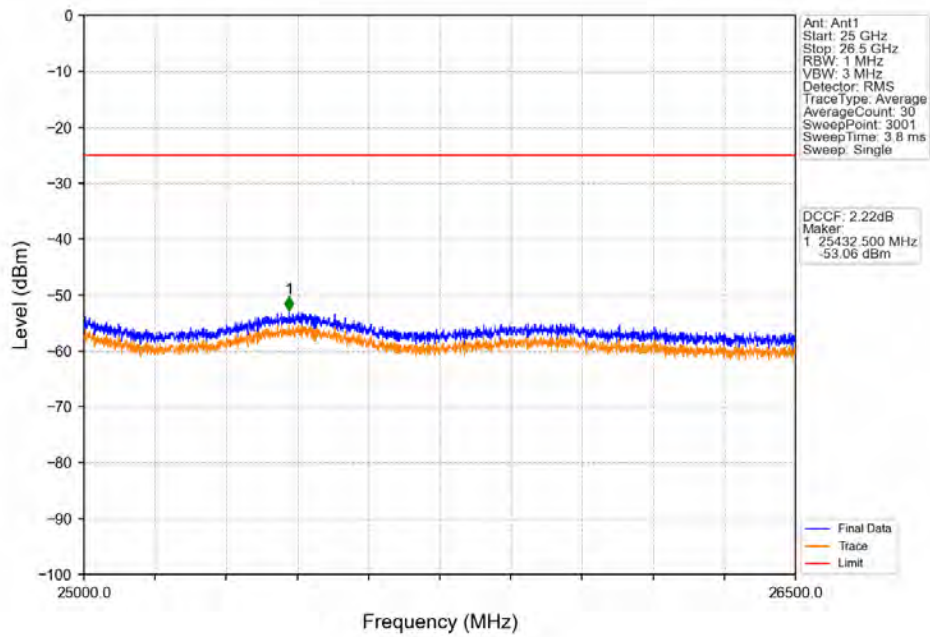
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



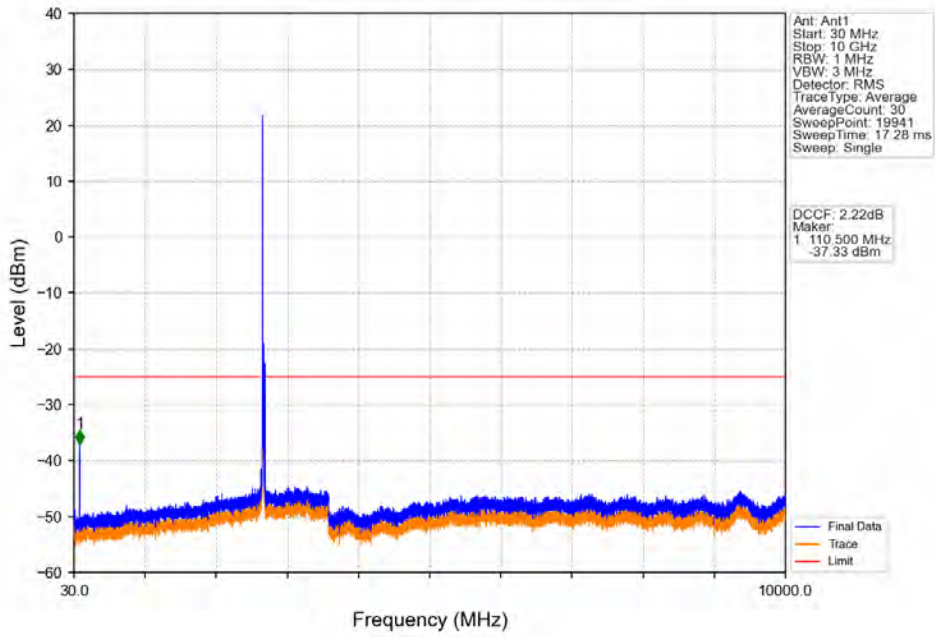
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



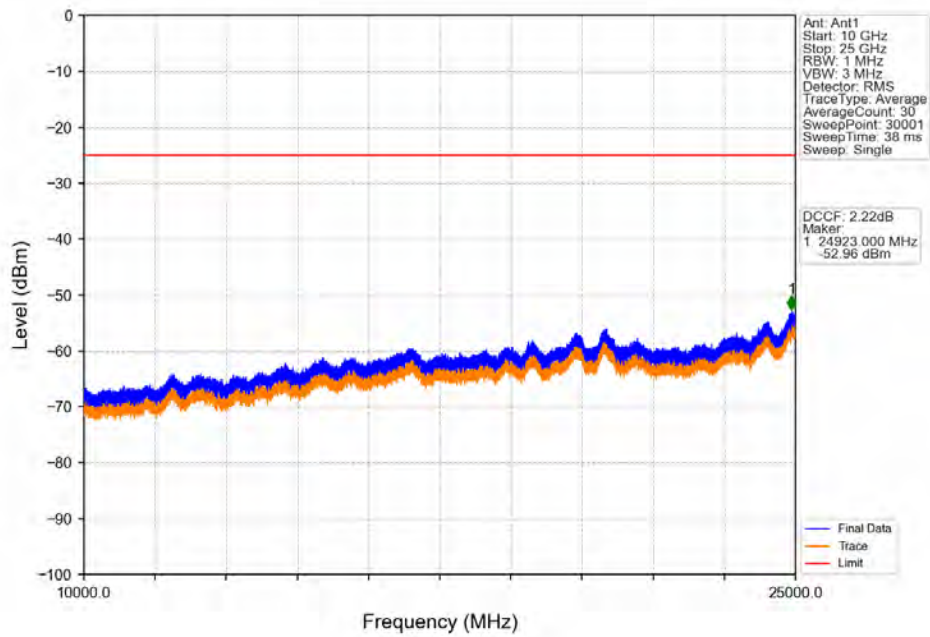
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



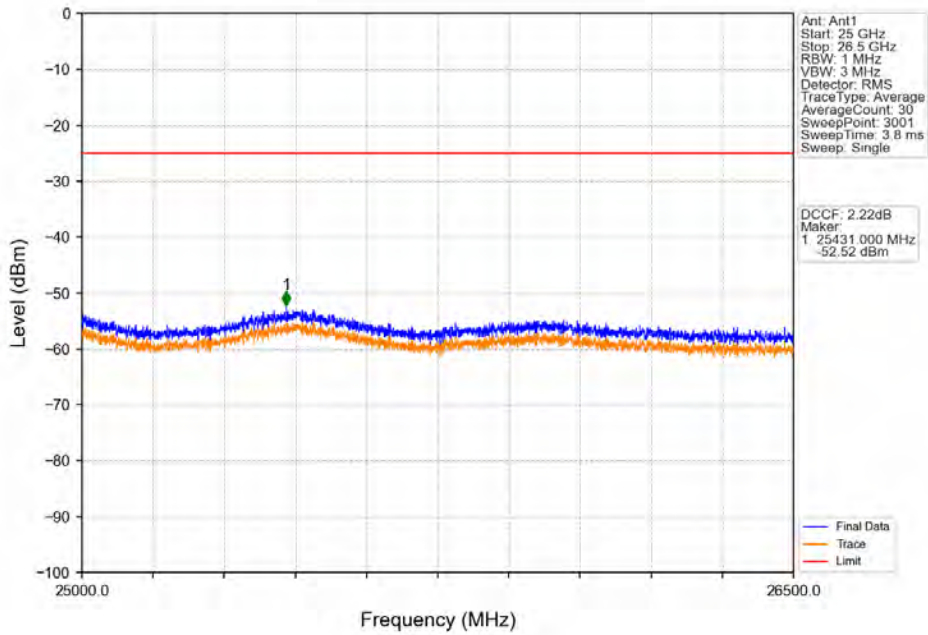
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



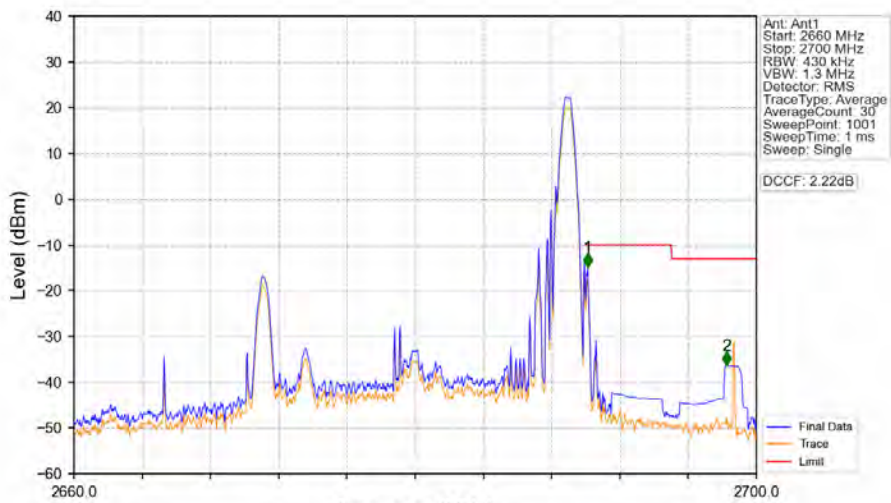
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

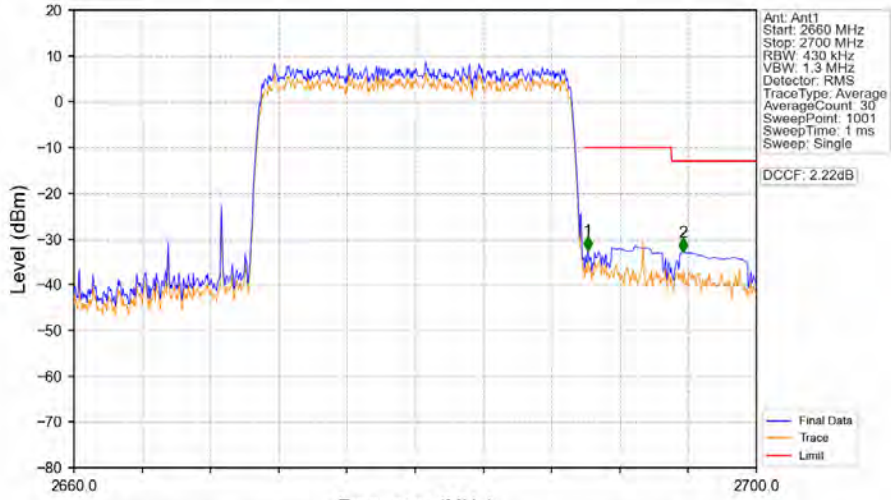


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



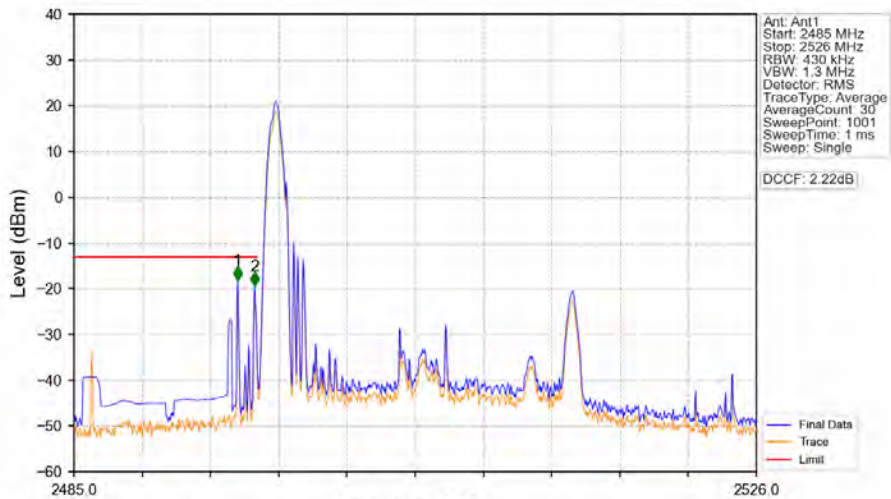
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	1	2690.120	-14.90	-10	Pass
2690	2691	0.43	/	1	2690.120	-14.90	-10	Pass
2691	2700	1	CHP	2	2691.240	-36.37	-13	Pass

Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



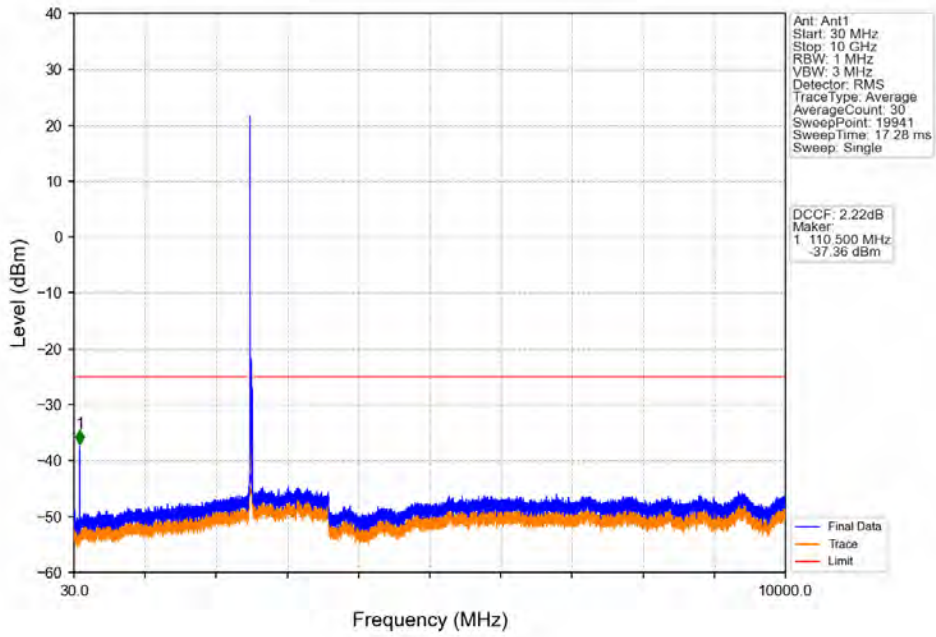
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	/	/	/	/	/
2690	2691	0.43	/	1	2690.120	-32.53	-10	Pass
2691	2700	1	CHP	2	2695.720	-32.89	-13	Pass

Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV

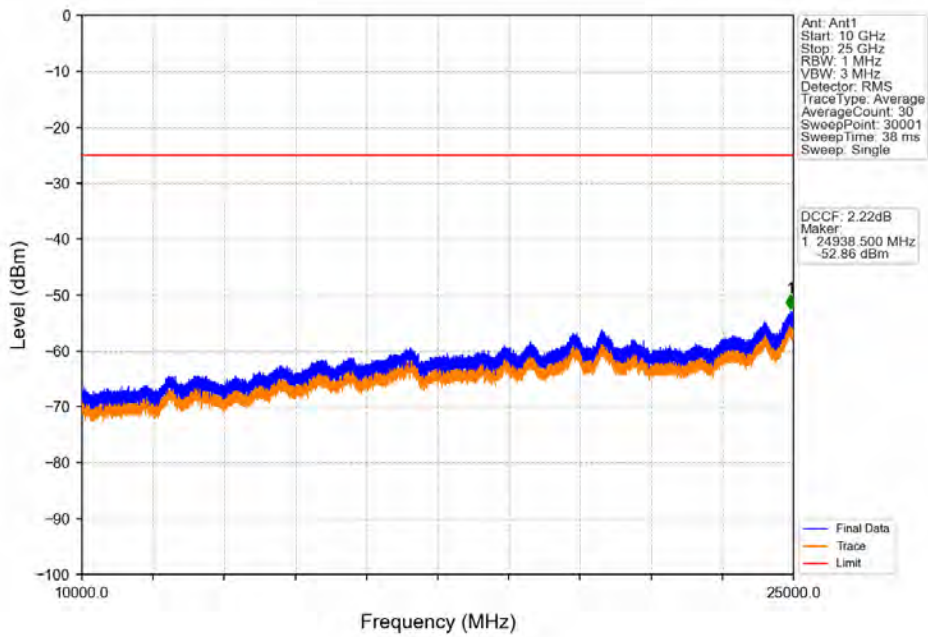


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.840	-18.21	-13	Pass
2495	2496	0.43	/	2	2495.865	-19.43	-13	Pass
2496	2526	0.43	/	/	/	/	/	/

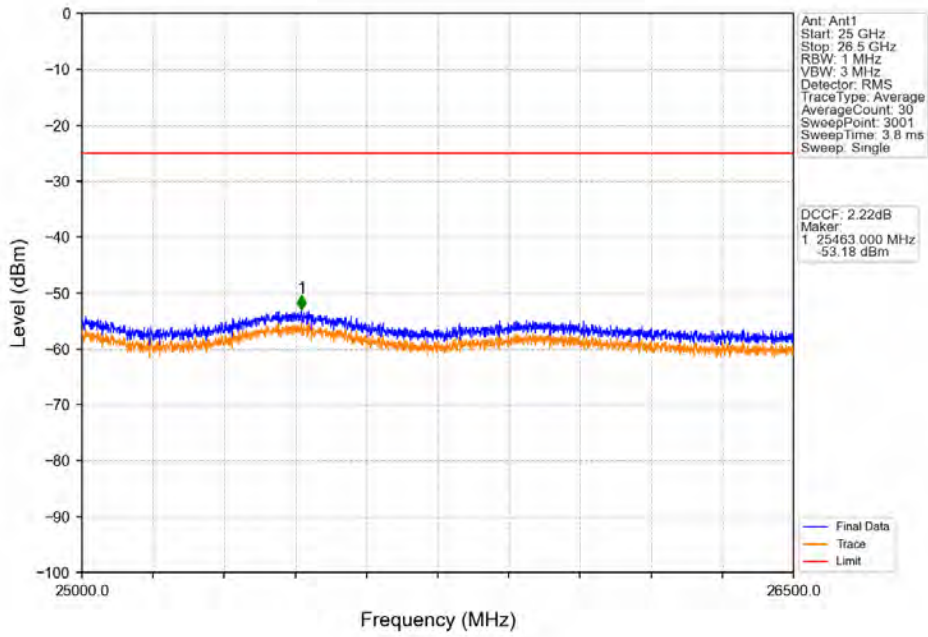
Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV



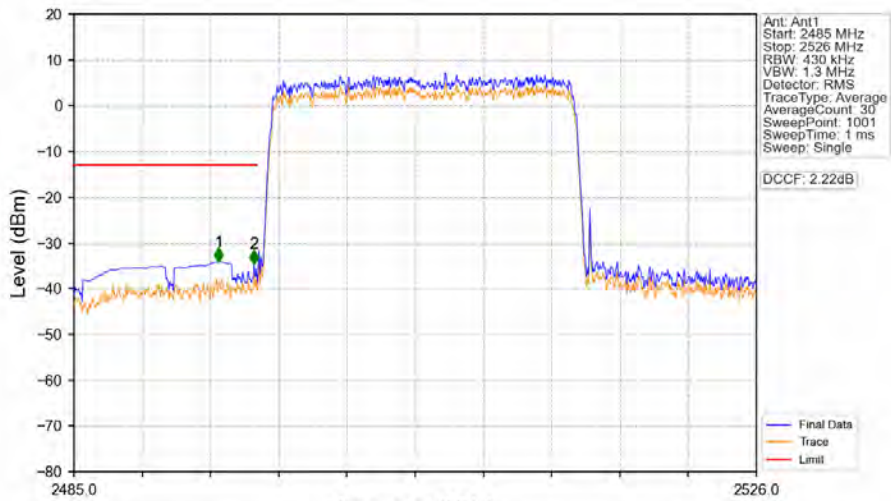
Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV

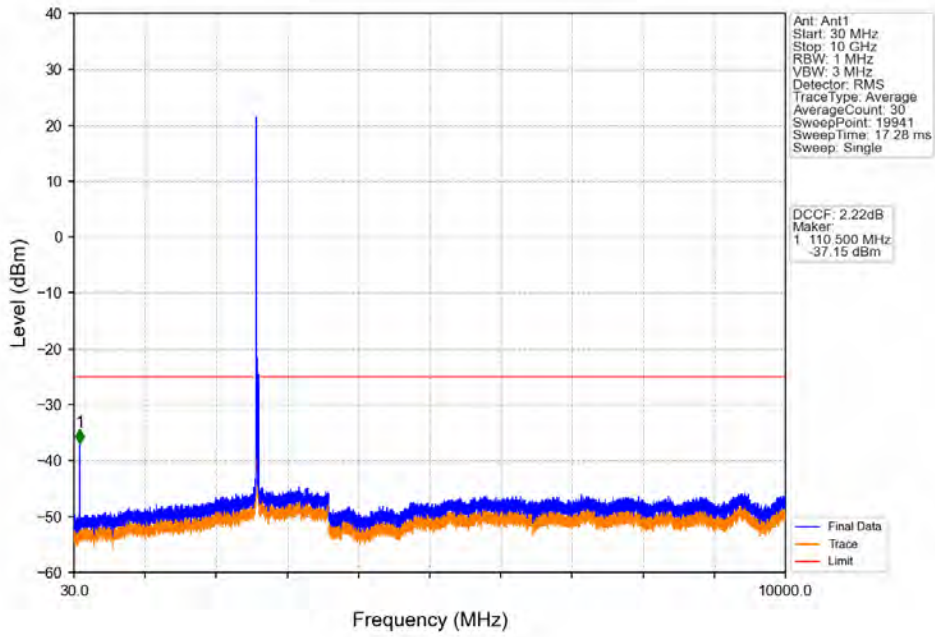


Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV

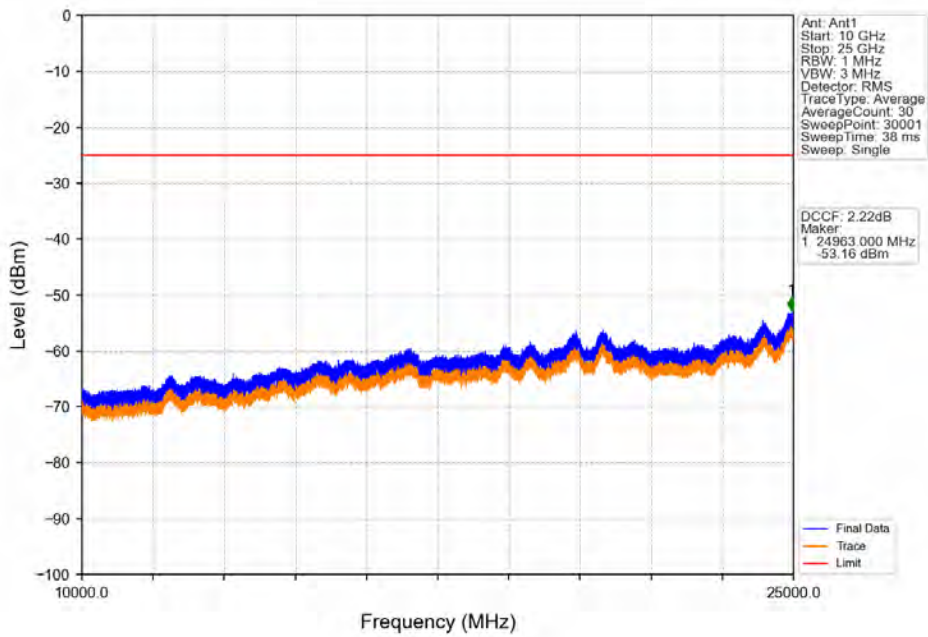


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2493.692	-34.18	-13	Pass
2495	2496	0.43	/	2	2495.824	-34.58	-13	Pass
2496	2526	0.43	/	/	/	/	/	/

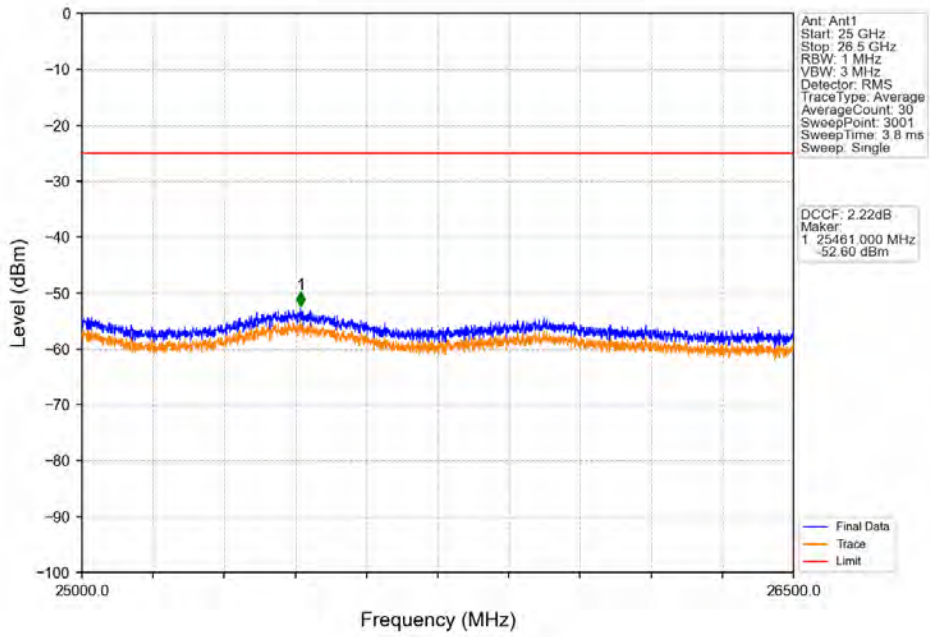
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



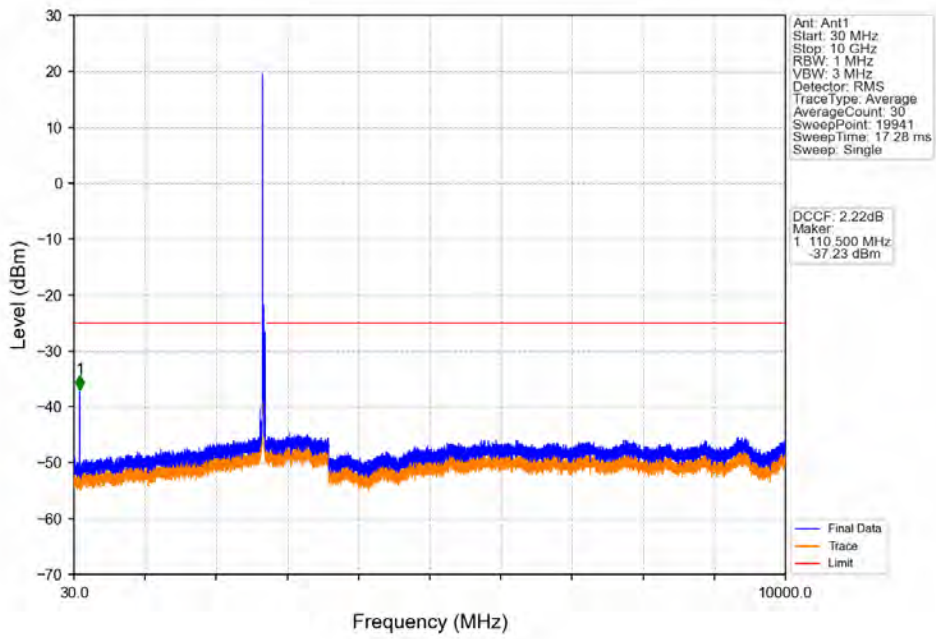
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



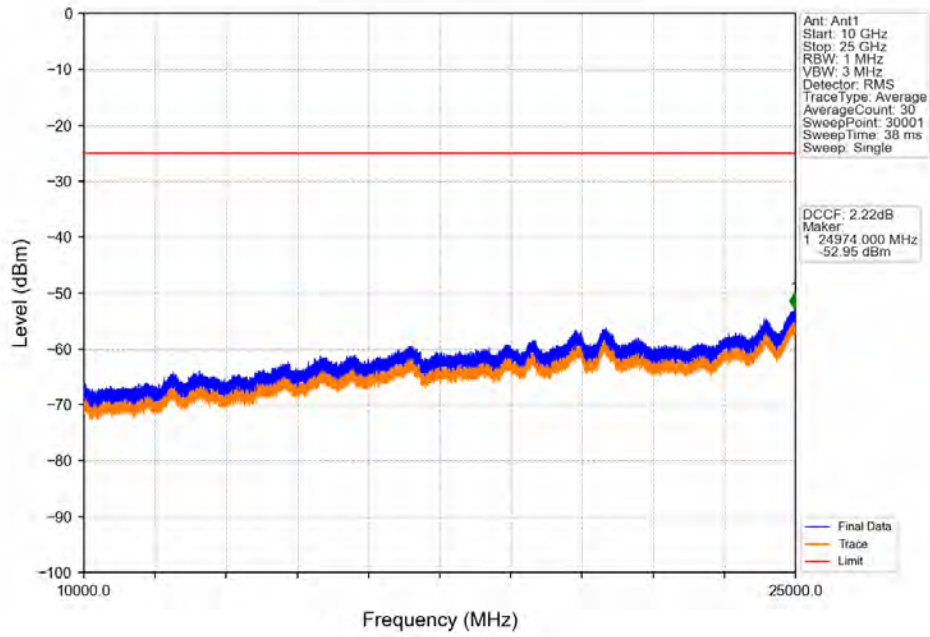
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



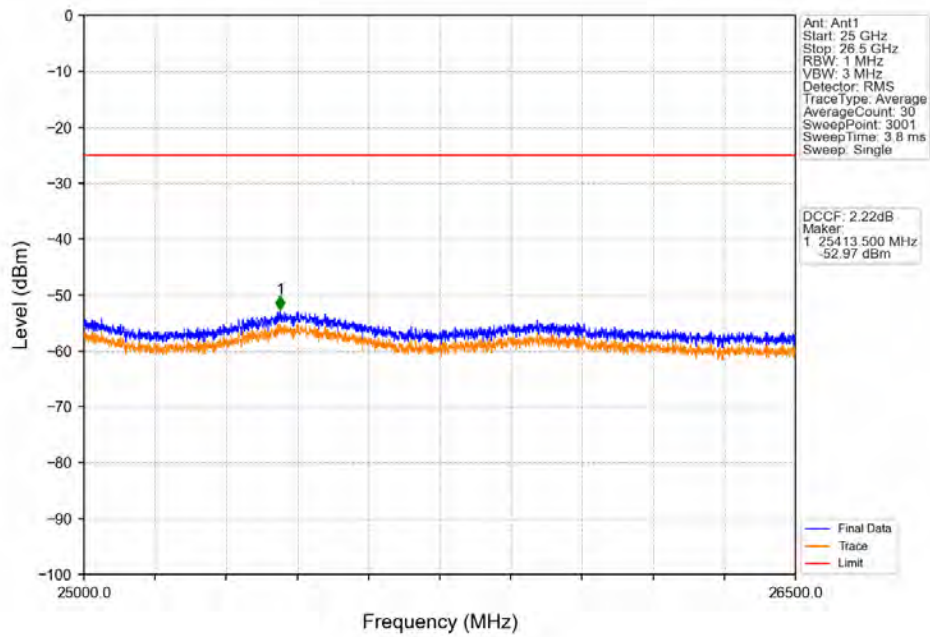
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



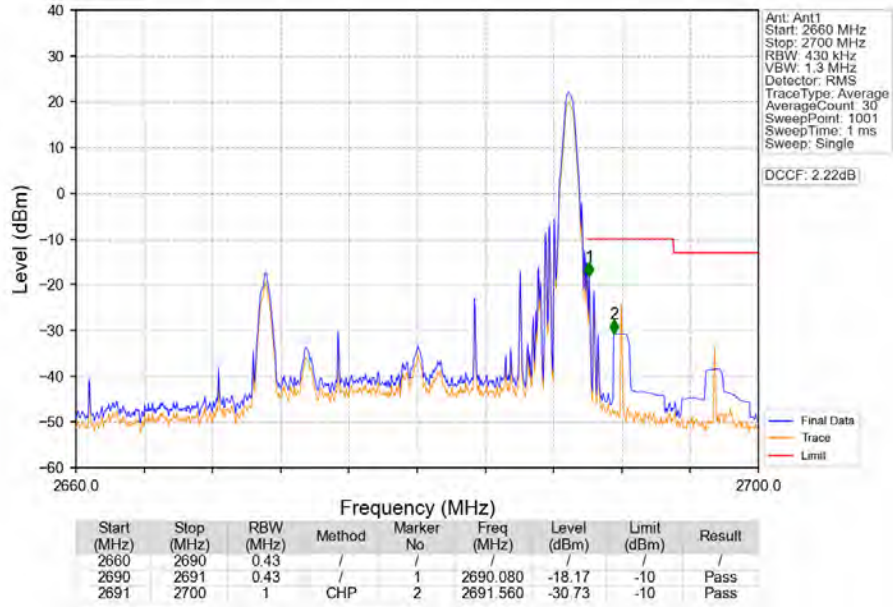
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTV



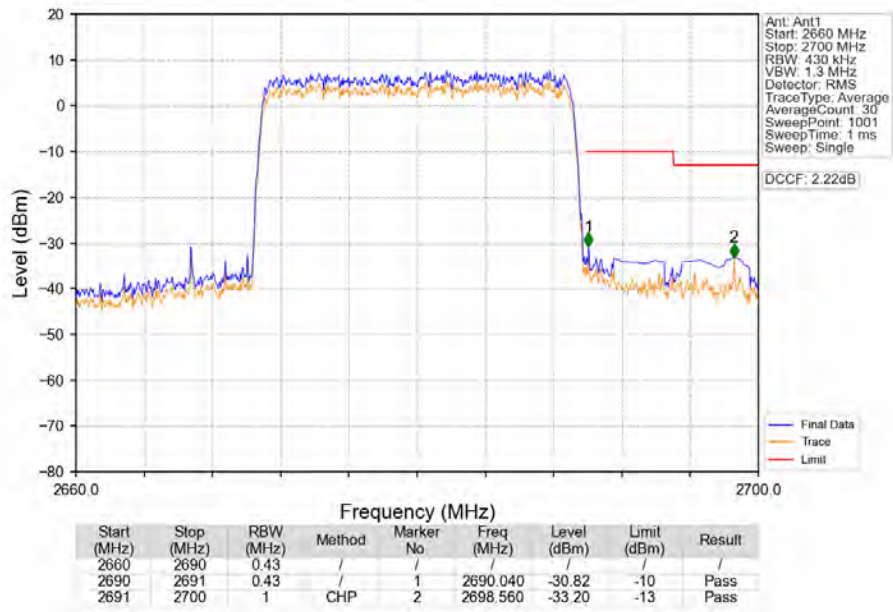
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTV



Band41_20MHz_16QAM_HCH_2680MHz_RB_1_99_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
41	5	2498.5	2687.5	0.1346	0.0064	ppm	4M56G7D	27M	21.29
41	5	2498.5	2687.5	0.1030	0.0041	ppm	4M56W7D	27M	20.13
41	10	2501	2685	0.1324	0.0041	ppm	9M09G7D	27M	21.22
41	10	2501	2685	0.1057	0.0050	ppm	9M09W7D	27M	20.24
41	15	2503.5	2682.5	0.1309	0.0037	ppm	13M6G7D	27M	21.17
41	15	2503.5	2682.5	0.1016	0.0034	ppm	13M6W7D	27M	20.07
41	20	2506	2680	0.1337	0.0032	ppm	18M1G7D	27M	21.26
41	20	2506	2680	0.0979	0.0038	ppm	18M1W7D	27M	19.91

7.2 Form731_EIRP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
41	5	2498.5	2687.5	0.1600	0.0064	ppm	4M56G7D	27M	22.04
41	5	2498.5	2687.5	0.1225	0.0041	ppm	4M56W7D	27M	20.88
41	10	2501	2685	0.1574	0.0041	ppm	9M09G7D	27M	21.97
41	10	2501	2685	0.1256	0.0050	ppm	9M09W7D	27M	20.99
41	15	2503.5	2682.5	0.1556	0.0037	ppm	13M6G7D	27M	21.92
41	15	2503.5	2682.5	0.1208	0.0034	ppm	13M6W7D	27M	20.82
41	20	2506	2680	0.1589	0.0032	ppm	18M1G7D	27M	22.01
41	20	2506	2680	0.1164	0.0038	ppm	18M1W7D	27M	20.66