

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B41\_5MHz\_EIRP

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	22.23	0.37	22.60	<=33.01	Pass		
			13	22.39	0.37	22.76	<=33.01	Pass		
			24	22.25	0.37	22.62	<=33.01	Pass		
		12	0	21.39	0.37	21.76	<=33.01	Pass		
			6	21.38	0.37	21.75	<=33.01	Pass		
			13	21.35	0.37	21.72	<=33.01	Pass		
		25	0	21.33	0.37	21.70	<=33.01	Pass		
		2593	1	0	21.59	0.37	21.96	<=33.01	Pass	
				13	21.80	0.37	22.17	<=33.01	Pass	
	24			21.68	0.37	22.05	<=33.01	Pass		
	12		0	20.69	0.37	21.06	<=33.01	Pass		
			6	20.78	0.37	21.15	<=33.01	Pass		
			13	20.68	0.37	21.05	<=33.01	Pass		
	25		0	20.70	0.37	21.07	<=33.01	Pass		
	2687.5		1	0	21.95	0.37	22.32	<=33.01	Pass	
				13	22.06	0.37	22.43	<=33.01	Pass	
		24		22.07	0.37	22.44	<=33.01	Pass		
		12	0	20.97	0.37	21.34	<=33.01	Pass		
			6	21.06	0.37	21.43	<=33.01	Pass		
			13	21.08	0.37	21.45	<=33.01	Pass		
		25	0	21.11	0.37	21.48	<=33.01	Pass		
		16QAM	2498.5	1	0	21.55	0.37	21.92	<=33.01	Pass
					13	21.44	0.37	21.81	<=33.01	Pass
	24				21.24	0.37	21.61	<=33.01	Pass	
12	0			20.31	0.37	20.68	<=33.01	Pass		
	6			20.38	0.37	20.75	<=33.01	Pass		
	13			20.29	0.37	20.66	<=33.01	Pass		
25	0			20.32	0.37	20.69	<=33.01	Pass		
2593	1			0	20.44	0.37	20.81	<=33.01	Pass	
				13	20.55	0.37	20.92	<=33.01	Pass	
			24	20.73	0.37	21.10	<=33.01	Pass		
	12		0	19.71	0.37	20.08	<=33.01	Pass		
			6	19.83	0.37	20.20	<=33.01	Pass		
			13	19.92	0.37	20.29	<=33.01	Pass		
	25		0	19.78	0.37	20.15	<=33.01	Pass		
	2687.5		1	0	20.90	0.37	21.27	<=33.01	Pass	
				13	21.39	0.37	21.76	<=33.01	Pass	
24				21.31	0.37	21.68	<=33.01	Pass		
12			0	20.04	0.37	20.41	<=33.01	Pass		
			6	20.17	0.37	20.54	<=33.01	Pass		
			13	19.97	0.37	20.34	<=33.01	Pass		
25			0	20.15	0.37	20.52	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.2 B41\_10MHz\_EIRP

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	22.92	0.37	23.29	<=33.01	Pass	
			25	23.07	0.37	23.44	<=33.01	Pass	
			49	22.86	0.37	23.23	<=33.01	Pass	
		25	0	21.88	0.37	22.25	<=33.01	Pass	
			13	21.96	0.37	22.33	<=33.01	Pass	
			25	21.93	0.37	22.30	<=33.01	Pass	
	50	0	21.94	0.37	22.31	<=33.01	Pass		
	2593	1	0	22.30	0.37	22.67	<=33.01	Pass	
			25	22.51	0.37	22.88	<=33.01	Pass	
			49	22.29	0.37	22.66	<=33.01	Pass	
		25	0	21.28	0.37	21.65	<=33.01	Pass	
			13	21.36	0.37	21.73	<=33.01	Pass	
			25	21.29	0.37	21.66	<=33.01	Pass	
	50	0	21.33	0.37	21.70	<=33.01	Pass		
	2685	1	0	22.42	0.37	22.79	<=33.01	Pass	
			25	22.62	0.37	22.99	<=33.01	Pass	
			49	22.31	0.37	22.68	<=33.01	Pass	
		25	0	21.21	0.37	21.58	<=33.01	Pass	
			13	21.20	0.37	21.57	<=33.01	Pass	
			25	21.14	0.37	21.51	<=33.01	Pass	
	50	0	21.00	0.37	21.37	<=33.01	Pass		
	16QAM	2501	1	0	21.55	0.37	21.92	<=33.01	Pass
				25	21.63	0.37	22.00	<=33.01	Pass
				49	21.72	0.37	22.09	<=33.01	Pass
25			0	20.86	0.37	21.23	<=33.01	Pass	
			13	20.88	0.37	21.25	<=33.01	Pass	
			25	20.92	0.37	21.29	<=33.01	Pass	
50		0	20.93	0.37	21.30	<=33.01	Pass		
2593		1	0	21.15	0.37	21.52	<=33.01	Pass	
			25	21.30	0.37	21.67	<=33.01	Pass	
			49	21.05	0.37	21.42	<=33.01	Pass	
		25	0	20.28	0.37	20.65	<=33.01	Pass	
			13	20.27	0.37	20.64	<=33.01	Pass	
			25	20.30	0.37	20.67	<=33.01	Pass	
50		0	20.23	0.37	20.60	<=33.01	Pass		
2685		1	0	20.99	0.37	21.36	<=33.01	Pass	
			25	21.20	0.37	21.57	<=33.01	Pass	
			49	21.09	0.37	21.46	<=33.01	Pass	
		25	0	20.07	0.37	20.44	<=33.01	Pass	
			13	20.03	0.37	20.40	<=33.01	Pass	
			25	20.04	0.37	20.41	<=33.01	Pass	
50		0	20.03	0.37	20.40	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.3 B41\_15MHz\_EIRP

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	22.84	0.37	23.21	<=33.01	Pass
			38	22.91	0.37	23.28	<=33.01	Pass
			74	22.74	0.37	23.11	<=33.01	Pass

16QAM	2593	36	0	21.89	0.37	22.26	<=33.01	Pass	
			18	21.88	0.37	22.25	<=33.01	Pass	
			39	21.89	0.37	22.26	<=33.01	Pass	
		75	0	21.89	0.37	22.26	<=33.01	Pass	
			1	0	22.24	0.37	22.61	<=33.01	Pass
				38	22.26	0.37	22.63	<=33.01	Pass
		74		22.19	0.37	22.56	<=33.01	Pass	
		36	0	21.31	0.37	21.68	<=33.01	Pass	
			18	21.26	0.37	21.63	<=33.01	Pass	
	39		21.15	0.37	21.52	<=33.01	Pass		
	75	0	21.30	0.37	21.67	<=33.01	Pass		
		1	0	22.24	0.37	22.61	<=33.01	Pass	
			38	22.44	0.37	22.81	<=33.01	Pass	
	74		22.49	0.37	22.86	<=33.01	Pass		
	36	0	21.34	0.37	21.71	<=33.01	Pass		
		18	21.40	0.37	21.77	<=33.01	Pass		
		39	21.36	0.37	21.73	<=33.01	Pass		
	75	0	21.31	0.37	21.68	<=33.01	Pass		
		1	0	21.67	0.37	22.04	<=33.01	Pass	
			38	21.88	0.37	22.25	<=33.01	Pass	
	74		21.55	0.37	21.92	<=33.01	Pass		
	36	0	20.85	0.37	21.22	<=33.01	Pass		
		18	20.82	0.37	21.19	<=33.01	Pass		
		39	20.81	0.37	21.18	<=33.01	Pass		
	75	0	20.86	0.37	21.23	<=33.01	Pass		
		1	0	20.98	0.37	21.35	<=33.01	Pass	
			38	21.08	0.37	21.45	<=33.01	Pass	
74	20.94		0.37	21.31	<=33.01	Pass			
36	0	20.29	0.37	20.66	<=33.01	Pass			
	18	20.27	0.37	20.64	<=33.01	Pass			
	39	20.32	0.37	20.69	<=33.01	Pass			
75	0	20.26	0.37	20.63	<=33.01	Pass			
	1	0	21.03	0.37	21.40	<=33.01	Pass		
		38	21.05	0.37	21.42	<=33.01	Pass		
74		21.03	0.37	21.40	<=33.01	Pass			
36	0	20.17	0.37	20.54	<=33.01	Pass			
	18	20.35	0.37	20.72	<=33.01	Pass			
	39	20.16	0.37	20.53	<=33.01	Pass			
75	0	20.13	0.37	20.50	<=33.01	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

#### 1.1.4 B41\_20MHz\_EIRP

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	22.54	0.37	22.91	<=33.01	Pass
			50	22.80	0.37	23.17	<=33.01	Pass
			99	22.57	0.37	22.94	<=33.01	Pass
		50	0	21.80	0.37	22.17	<=33.01	Pass
			25	21.81	0.37	22.18	<=33.01	Pass
			50	21.80	0.37	22.17	<=33.01	Pass
	2593	1	0	21.82	0.37	22.19	<=33.01	Pass
			0	22.03	0.37	22.40	<=33.01	Pass
			50	22.47	0.37	22.84	<=33.01	Pass

		50	99	21.97	0.37	22.34	<=33.01	Pass		
			0	21.24	0.37	21.61	<=33.01	Pass		
			25	21.27	0.37	21.64	<=33.01	Pass		
		100	50	21.30	0.37	21.67	<=33.01	Pass		
			0	21.25	0.37	21.62	<=33.01	Pass		
			0	22.09	0.37	22.46	<=33.01	Pass		
		2680	1	50	22.42	0.37	22.79	<=33.01	Pass	
				99	22.25	0.37	22.62	<=33.01	Pass	
				0	21.34	0.37	21.71	<=33.01	Pass	
			50	25	21.44	0.37	21.81	<=33.01	Pass	
				50	21.47	0.37	21.84	<=33.01	Pass	
				100	0	21.31	0.37	21.68	<=33.01	Pass
		16QAM	2506	1	0	21.67	0.37	22.04	<=33.01	Pass
					50	21.94	0.37	22.31	<=33.01	Pass
					99	21.58	0.37	21.95	<=33.01	Pass
50	0			20.78	0.37	21.15	<=33.01	Pass		
	25			20.80	0.37	21.17	<=33.01	Pass		
	50			20.78	0.37	21.15	<=33.01	Pass		
100	0			20.79	0.37	21.16	<=33.01	Pass		
2593	1			0	20.78	0.37	21.15	<=33.01	Pass	
				50	21.14	0.37	21.51	<=33.01	Pass	
			99	21.11	0.37	21.48	<=33.01	Pass		
	50		0	20.20	0.37	20.57	<=33.01	Pass		
			25	20.20	0.37	20.57	<=33.01	Pass		
			50	20.20	0.37	20.57	<=33.01	Pass		
100	0		20.22	0.37	20.59	<=33.01	Pass			
2680	1		0	20.98	0.37	21.35	<=33.01	Pass		
		50	21.27	0.37	21.64	<=33.01	Pass			
		99	21.36	0.37	21.73	<=33.01	Pass			
	50	0	20.15	0.37	20.52	<=33.01	Pass			
		25	20.25	0.37	20.62	<=33.01	Pass			
		50	20.33	0.37	20.70	<=33.01	Pass			
100	0	20.16	0.37	20.53	<=33.01	Pass				

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B41\_5MHz

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	3.27	-10.228	-0.0041	-2.5 to 2.5	Pass	
					3.85	5.307	0.0021	-2.5 to 2.5	Pass	
					4.43	1.616	0.0006	-2.5 to 2.5	Pass	
				-30	3.85	8.926	0.0036	-2.5 to 2.5	Pass	
					-20	3.85	7.839	0.0031	-2.5 to 2.5	Pass
					-10	3.85	-2.360	-0.0009	-2.5 to 2.5	Pass
					0	3.85	10.629	0.0043	-2.5 to 2.5	Pass
					10	3.85	7.954	0.0032	-2.5 to 2.5	Pass
					30	3.85	5.851	0.0023	-2.5 to 2.5	Pass
					40	3.85	7.567	0.0030	-2.5 to 2.5	Pass

	2593	25	0	50	3.85	-198.154	-0.0793	-2.5 to 2.5	Pass
				20	3.27	-8.240	-0.0032	-2.5 to 2.5	Pass
					3.85	-10.328	-0.0040	-2.5 to 2.5	Pass
					4.43	-7.854	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-11.859	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-9.971	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-11.258	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-14.734	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-9.398	-0.0036	-2.5 to 2.5	Pass
	30	3.85	-11.573	-0.0045	-2.5 to 2.5	Pass			
	40	3.85	-13.075	-0.0050	-2.5 to 2.5	Pass			
	50	3.85	-5.693	-0.0022	-2.5 to 2.5	Pass			
	2687.5	25	0	20	3.27	-10.171	-0.0038	-2.5 to 2.5	Pass
					3.85	-32.401	-0.0121	-2.5 to 2.5	Pass
					4.43	-55.904	-0.0208	-2.5 to 2.5	Pass
				-30	3.85	635.376	0.2364	-2.5 to 2.5	Pass
				-20	3.85	623.117	0.2319	-2.5 to 2.5	Pass
				-10	3.85	595.794	0.2217	-2.5 to 2.5	Pass
0				3.85	577.698	0.2150	-2.5 to 2.5	Pass	
10				3.85	566.754	0.2109	-2.5 to 2.5	Pass	
30				3.85	-21.100	-0.0079	-2.5 to 2.5	Pass	
40	3.85	-16.122	-0.0060	-2.5 to 2.5	Pass				
50	3.85	-13.161	-0.0049	-2.5 to 2.5	Pass				
16QAM	2498.5	25	0	20	3.27	-192.204	-0.0769	-2.5 to 2.5	Pass
					3.85	-179.958	-0.0720	-2.5 to 2.5	Pass
					4.43	-174.780	-0.0700	-2.5 to 2.5	Pass
				-30	3.85	-171.261	-0.0685	-2.5 to 2.5	Pass
				-20	3.85	-180.602	-0.0723	-2.5 to 2.5	Pass
				-10	3.85	-181.975	-0.0728	-2.5 to 2.5	Pass
				0	3.85	-26.937	-0.0108	-2.5 to 2.5	Pass
				10	3.85	-38.080	-0.0152	-2.5 to 2.5	Pass
				30	3.85	-51.413	-0.0206	-2.5 to 2.5	Pass
	40	3.85	-61.183	-0.0245	-2.5 to 2.5	Pass			
	50	3.85	-70.868	-0.0284	-2.5 to 2.5	Pass			
	2593	25	0	20	3.27	-12.875	-0.0050	-2.5 to 2.5	Pass
					3.85	1.659	0.0006	-2.5 to 2.5	Pass
					4.43	-4.678	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-8.712	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-10.300	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-2.575	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-8.497	-0.0033	-2.5 to 2.5	Pass
10				3.85	-15.335	-0.0059	-2.5 to 2.5	Pass	
30				3.85	-11.344	-0.0044	-2.5 to 2.5	Pass	
40	3.85	-1.059	-0.0004	-2.5 to 2.5	Pass				
50	3.85	-4.520	-0.0017	-2.5 to 2.5	Pass				
2687.5	25	0	20	3.27	-11.244	-0.0042	-2.5 to 2.5	Pass	
				3.85	-10.314	-0.0038	-2.5 to 2.5	Pass	
				4.43	-3.905	-0.0015	-2.5 to 2.5	Pass	
			-30	3.85	-8.554	-0.0032	-2.5 to 2.5	Pass	
			-20	3.85	-18.883	-0.0070	-2.5 to 2.5	Pass	
			-10	3.85	-12.732	-0.0047	-2.5 to 2.5	Pass	
			0	3.85	-14.906	-0.0055	-2.5 to 2.5	Pass	
			10	3.85	-8.769	-0.0033	-2.5 to 2.5	Pass	
			30	3.85	-9.871	-0.0037	-2.5 to 2.5	Pass	
40	3.85	-7.768	-0.0029	-2.5 to 2.5	Pass				
50	3.85	-7.825	-0.0029	-2.5 to 2.5	Pass				

2.1.2 B41\_10MHz

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	3.27	-6.323	-0.0025	-2.5 to 2.5	Pass
					3.85	-13.418	-0.0054	-2.5 to 2.5	Pass
					4.43	-5.507	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-6.566	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-8.368	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-8.912	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-7.839	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-6.137	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-2.546	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-9.327	-0.0037	-2.5 to 2.5	Pass
	50	3.85	-1.187	-0.0005	-2.5 to 2.5	Pass			
	2593	50	0	20	3.27	-6.680	-0.0026	-2.5 to 2.5	Pass
					3.85	-12.202	-0.0047	-2.5 to 2.5	Pass
					4.43	-11.702	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-10.128	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-6.595	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-9.384	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-11.158	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-9.742	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-9.570	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-8.883	-0.0034	-2.5 to 2.5	Pass
	50	3.85	-12.131	-0.0047	-2.5 to 2.5	Pass			
	2685	50	0	20	3.27	-8.912	-0.0033	-2.5 to 2.5	Pass
					3.85	-3.719	-0.0014	-2.5 to 2.5	Pass
					4.43	0.830	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-3.748	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.144	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.572	0.0002	-2.5 to 2.5	Pass
				0	3.85	-2.275	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-12.717	-0.0047	-2.5 to 2.5	Pass
30				3.85	1.330	0.0005	-2.5 to 2.5	Pass	
40				3.85	-2.904	-0.0011	-2.5 to 2.5	Pass	
50	3.85	-1.016	-0.0004	-2.5 to 2.5	Pass				
16QAM	2501	50	0	20	3.27	-6.609	-0.0026	-2.5 to 2.5	Pass
					3.85	-4.520	-0.0018	-2.5 to 2.5	Pass
					4.43	-2.947	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-4.220	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-4.206	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-16.122	-0.0064	-2.5 to 2.5	Pass
				0	3.85	-10.700	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-10.114	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-2.604	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-5.465	-0.0022	-2.5 to 2.5	Pass
	50	3.85	-8.998	-0.0036	-2.5 to 2.5	Pass			
	2593	50	0	20	3.27	-11.330	-0.0044	-2.5 to 2.5	Pass
					3.85	-5.236	-0.0020	-2.5 to 2.5	Pass
					4.43	-9.556	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-6.137	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-13.976	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-12.460	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-8.240	-0.0032	-2.5 to 2.5	Pass

				10	3.85	-10.128	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-12.975	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-11.258	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-8.783	-0.0034	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-6.366	-0.0024	-2.5 to 2.5	Pass
					3.85	-1.574	-0.0006	-2.5 to 2.5	Pass
					4.43	-5.794	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	2.489	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-3.605	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	2.918	0.0011	-2.5 to 2.5	Pass
				0	3.85	4.177	0.0016	-2.5 to 2.5	Pass
				10	3.85	-3.977	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.717	-0.0006	-2.5 to 2.5	Pass
				40	3.85	0.300	0.0001	-2.5 to 2.5	Pass
				50	3.85	-4.048	-0.0015	-2.5 to 2.5	Pass

### 2.1.3 B41\_15MHz

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	3.27	-8.311	-0.0033	-2.5 to 2.5	Pass
					3.85	-8.383	-0.0033	-2.5 to 2.5	Pass
					4.43	-0.858	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-4.821	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-5.679	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-5.107	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-7.925	-0.0032	-2.5 to 2.5	Pass
				10	3.85	3.490	0.0014	-2.5 to 2.5	Pass
				30	3.85	-6.537	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-5.050	-0.0020	-2.5 to 2.5	Pass
	50	3.85	-8.025	-0.0032	-2.5 to 2.5	Pass			
	2593	75	0	20	3.27	2.403	0.0009	-2.5 to 2.5	Pass
					3.85	-9.656	-0.0037	-2.5 to 2.5	Pass
					4.43	-7.582	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	4.549	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-5.279	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-3.977	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-8.097	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-7.181	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-4.663	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-7.067	-0.0027	-2.5 to 2.5	Pass
	50	3.85	-2.446	-0.0009	-2.5 to 2.5	Pass			
	2682.5	75	0	20	3.27	-9.413	-0.0035	-2.5 to 2.5	Pass
					3.85	-1.173	-0.0004	-2.5 to 2.5	Pass
					4.43	-11.430	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-6.409	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-4.091	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-1.631	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-5.794	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-7.710	-0.0029	-2.5 to 2.5	Pass
30				3.85	-7.038	-0.0026	-2.5 to 2.5	Pass	
40				3.85	-3.390	-0.0013	-2.5 to 2.5	Pass	
50	3.85	-8.025	-0.0030	-2.5 to 2.5	Pass				
16QAM	2503.5	75	0	20	3.27	2.375	0.0009	-2.5 to 2.5	Pass

					3.85	-6.838	-0.0027	-2.5 to 2.5	Pass
					4.43	-5.436	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-6.323	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-9.627	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-4.606	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-6.409	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-8.311	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-2.604	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-8.254	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-3.204	-0.0013	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	-1.187	-0.0005	-2.5 to 2.5	Pass
					3.85	-6.480	-0.0025	-2.5 to 2.5	Pass
					4.43	-7.339	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-10.300	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-1.087	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-6.080	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-3.848	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-6.337	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-2.975	-0.0011	-2.5 to 2.5	Pass
	50	3.85	-3.877	-0.0015	-2.5 to 2.5	Pass			
	2682.5	75	0	20	3.27	-8.397	-0.0031	-2.5 to 2.5	Pass
					3.85	-8.855	-0.0033	-2.5 to 2.5	Pass
					4.43	-1.874	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-1.631	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-5.021	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-3.247	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-5.608	-0.0021	-2.5 to 2.5	Pass
10				3.85	-2.775	-0.0010	-2.5 to 2.5	Pass	
30				3.85	-13.876	-0.0052	-2.5 to 2.5	Pass	
40				3.85	-4.606	-0.0017	-2.5 to 2.5	Pass	
50	3.85	-5.064	-0.0019	-2.5 to 2.5	Pass				

#### 2.1.4 B41\_20MHz

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	3.27	-15.235	-0.0061	-2.5 to 2.5	Pass
					3.85	-5.536	-0.0022	-2.5 to 2.5	Pass
					4.43	-10.214	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-4.177	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-7.896	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-13.375	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	-9.212	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-7.710	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-6.523	-0.0026	-2.5 to 2.5	Pass
	50	3.85	-7.510	-0.0030	-2.5 to 2.5	Pass			
	2593	100	0	20	3.27	-6.266	-0.0024	-2.5 to 2.5	Pass
					3.85	-10.901	-0.0042	-2.5 to 2.5	Pass
					4.43	-8.426	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-7.238	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	1.016	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-5.307	-0.0020	-2.5 to 2.5	Pass



				0	3.85	-4.878	-0.0019	-2.5 to 2.5	Pass				
				10	3.85	-9.041	-0.0035	-2.5 to 2.5	Pass				
				30	3.85	-2.389	-0.0009	-2.5 to 2.5	Pass				
				40	3.85	-12.989	-0.0050	-2.5 to 2.5	Pass				
				50	3.85	-7.653	-0.0030	-2.5 to 2.5	Pass				
	2680	100	0	20	3.27	-10.300	-0.0038	-2.5 to 2.5	Pass				
					3.85	-9.241	-0.0034	-2.5 to 2.5	Pass				
					4.43	-11.387	-0.0042	-2.5 to 2.5	Pass				
				-30	3.85	-4.263	-0.0016	-2.5 to 2.5	Pass				
				-20	3.85	-12.960	-0.0048	-2.5 to 2.5	Pass				
				-10	3.85	-9.942	-0.0037	-2.5 to 2.5	Pass				
				0	3.85	-12.603	-0.0047	-2.5 to 2.5	Pass				
				10	3.85	-10.600	-0.0040	-2.5 to 2.5	Pass				
				30	3.85	-9.284	-0.0035	-2.5 to 2.5	Pass				
				40	3.85	-8.039	-0.0030	-2.5 to 2.5	Pass				
				50	3.85	-12.517	-0.0047	-2.5 to 2.5	Pass				
				16QAM	2506	100	0	20	3.27	-4.120	-0.0016	-2.5 to 2.5	Pass
									3.85	-9.270	-0.0037	-2.5 to 2.5	Pass
									4.43	-2.418	-0.0010	-2.5 to 2.5	Pass
-30	3.85	-8.698	-0.0035					-2.5 to 2.5	Pass				
-20	3.85	-7.010	-0.0028					-2.5 to 2.5	Pass				
-10	3.85	-9.041	-0.0036					-2.5 to 2.5	Pass				
0	3.85	-9.928	-0.0040					-2.5 to 2.5	Pass				
10	3.85	-1.316	-0.0005					-2.5 to 2.5	Pass				
30	3.85	-5.322	-0.0021					-2.5 to 2.5	Pass				
40	3.85	-10.629	-0.0042					-2.5 to 2.5	Pass				
50	3.85	-5.064	-0.0020					-2.5 to 2.5	Pass				
2593	100	0	20					3.27	-3.533	-0.0014	-2.5 to 2.5	Pass	
								3.85	-4.821	-0.0019	-2.5 to 2.5	Pass	
								4.43	-14.477	-0.0056	-2.5 to 2.5	Pass	
			-30		3.85	-7.296	-0.0028	-2.5 to 2.5	Pass				
			-20		3.85	-7.038	-0.0027	-2.5 to 2.5	Pass				
			-10		3.85	-8.698	-0.0034	-2.5 to 2.5	Pass				
			0		3.85	-7.682	-0.0030	-2.5 to 2.5	Pass				
			10		3.85	-14.548	-0.0056	-2.5 to 2.5	Pass				
			30		3.85	-8.154	-0.0031	-2.5 to 2.5	Pass				
			40		3.85	-9.756	-0.0038	-2.5 to 2.5	Pass				
			50		3.85	-4.063	-0.0016	-2.5 to 2.5	Pass				
			2680		100	0	20	3.27	-6.480	-0.0024	-2.5 to 2.5	Pass	
								3.85	-17.610	-0.0066	-2.5 to 2.5	Pass	
								4.43	-8.426	-0.0031	-2.5 to 2.5	Pass	
							-30	3.85	-8.526	-0.0032	-2.5 to 2.5	Pass	
							-20	3.85	-9.241	-0.0034	-2.5 to 2.5	Pass	
-10	3.85	-2.818					-0.0011	-2.5 to 2.5	Pass				
0	3.85	-10.700					-0.0040	-2.5 to 2.5	Pass				
10	3.85	-18.768					-0.0070	-2.5 to 2.5	Pass				
30	3.85	-3.276		-0.0012			-2.5 to 2.5	Pass					
40	3.85	-12.345		-0.0046			-2.5 to 2.5	Pass					
50	3.85	-6.638	-0.0025	-2.5 to 2.5	Pass								

### 3. Modulation Characteristics

#### 3.1 Test Result

### 3.1.1 B41\_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
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 B41\_10MHz

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

### 3.1.3 B41\_15MHz

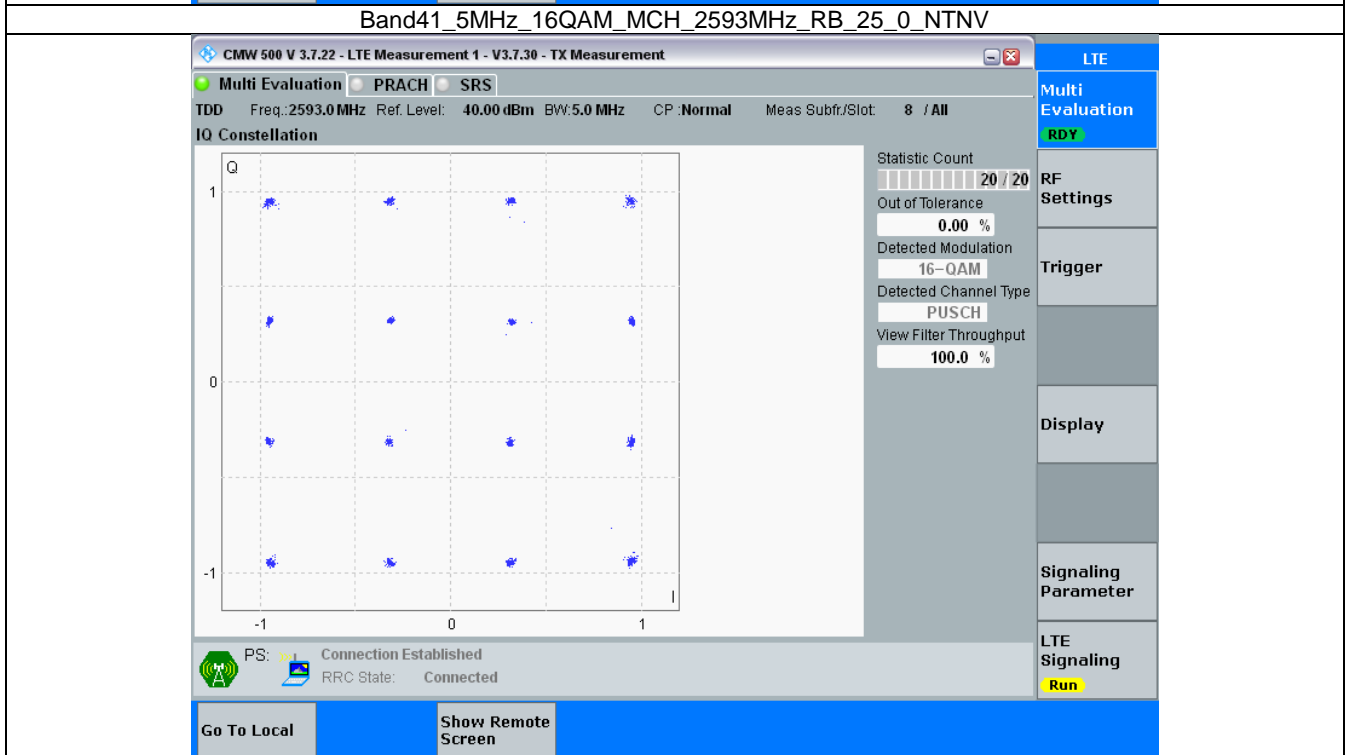
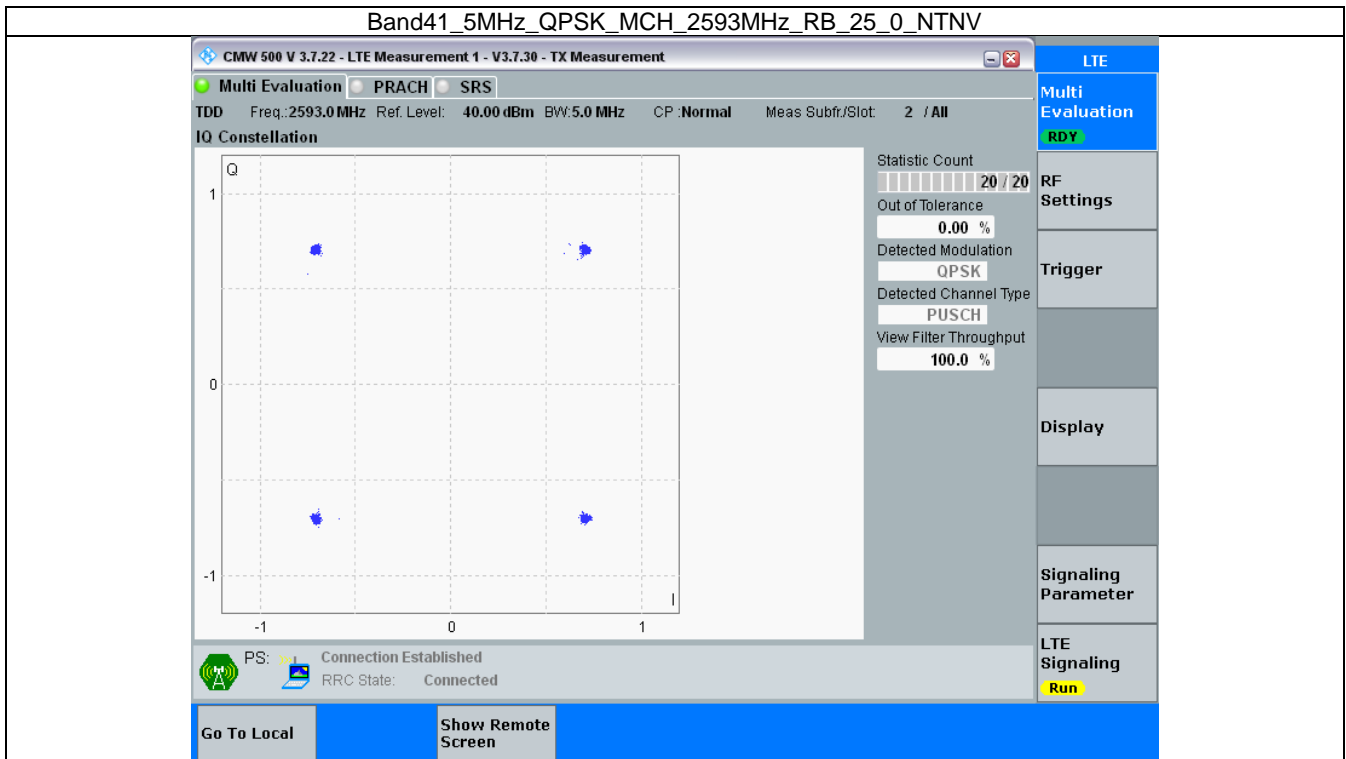
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	75	0	Refer To Test Graph		Pass
16QAM	2593	75	0	Refer To Test Graph		Pass

### 3.1.4 B41\_20MHz

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

### 3.2 Test Graph

#### 3.2.1 B41\_5MHz



### 3.2.2 B41\_10MHz

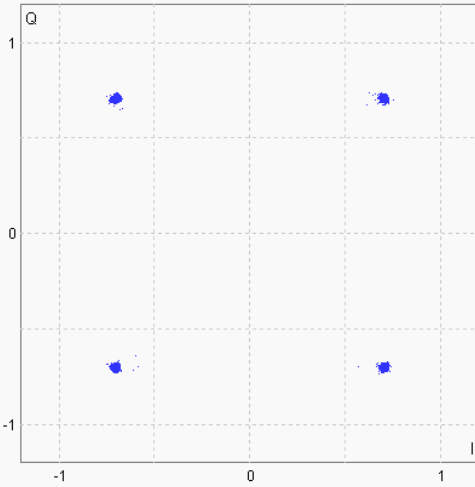
**Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV**

CMW 500 V 3.7.22 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

TDD Freq.: 2593.0 MHz Ref. Level: 39.00 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 8 / All

**IQ Constellation**



Statistic Count: 20 / 20  
 Out of Tolerance: 0.00 %  
 Detected Modulation: QPSK  
 Detected Channel Type: PUSCH  
 View Filter Throughput: 100.0 %

PS: Connection Established  
 RRC State: Connected

Go To Local Show Remote Screen

LTE

Multi Evaluation **RDY**

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling **Run**

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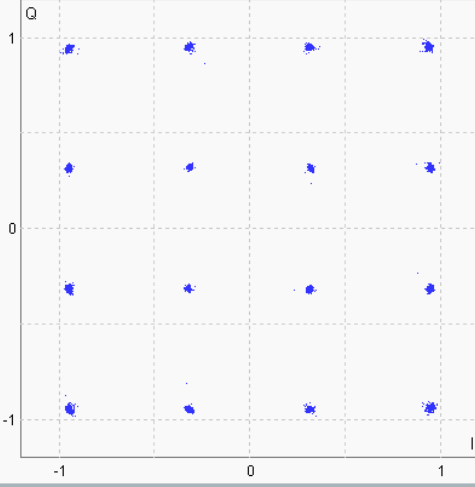
**Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV**

CMW 500 V 3.7.22 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

TDD Freq.: 2593.0 MHz Ref. Level: 39.00 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 3 / All

**IQ Constellation**



Statistic Count: 20 / 20  
 Out of Tolerance: 0.00 %  
 Detected Modulation: 16-QAM  
 Detected Channel Type: PUSCH  
 View Filter Throughput: 100.0 %

PS: Connection Established  
 RRC State: Connected

Go To Local Show Remote Screen

LTE

Multi Evaluation **RDY**

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling **Run**

### 3.2.3 B41\_15MHz

**Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_75\_0\_NTNV**

CMW 500 V 3.7.22 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

TDD Freq.: 2593.0 MHz Ref. Level: 39.80 dBm BW: 15.0 MHz CP: Normal Meas Subfr./Slot: 8 / All

IO Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: QPSK

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

LTE

Multi Evaluation

RDY

RF Settings

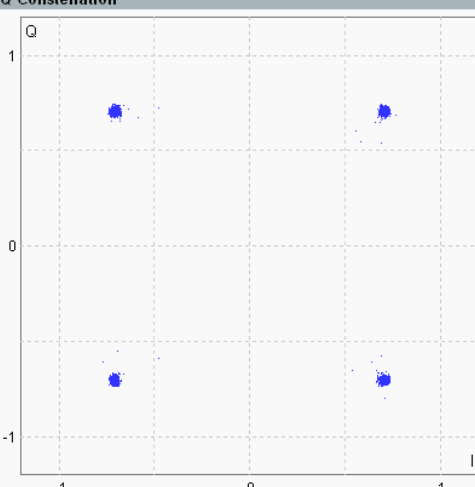
Trigger

Display

Signaling Parameter

LTE Signaling

Run



PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

**Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV**

CMW 500 V 3.7.22 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

TDD Freq.: 2593.0 MHz Ref. Level: 39.80 dBm BW: 15.0 MHz CP: Normal Meas Subfr./Slot: 2 / All

IO Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: 16-QAM

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

LTE

Multi Evaluation

RDY

RF Settings

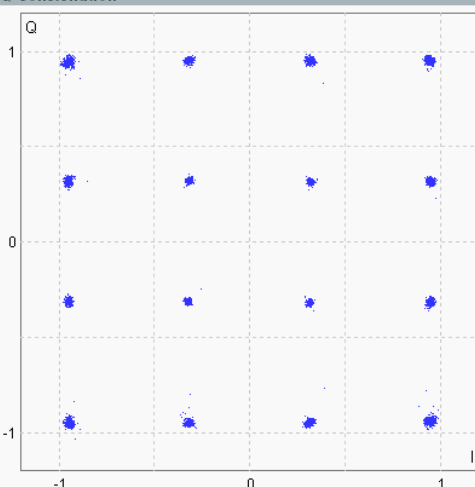
Trigger

Display

Signaling Parameter

LTE Signaling

Run



PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

### 3.2.4 B41\_20MHz

**Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_100\_0\_NTNV**

CMW 500 V 3.7.22 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

TDD Freq.: 2593.0 MHz Ref. Level: 38.90 dBm BW: 20.0 MHz CP: Normal Meas Subfr./Slot: 8 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: QPSK

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

LTE

Multi Evaluation **RDY**

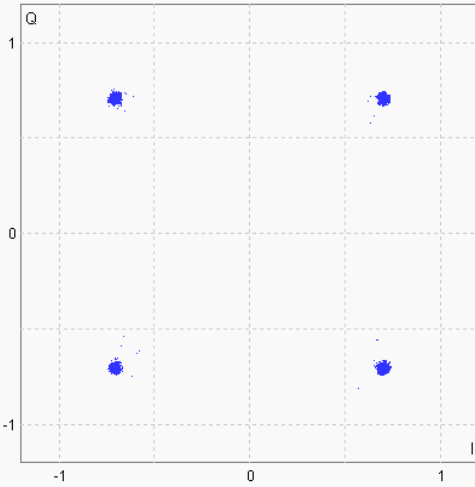
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling **Run**



Q

1

0

-1

-1 0 1

I

PS: Connection Established  
RRC State: Connected

Go To Local
Show Remote Screen

---

**Band41\_20MHz\_16QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV**

CMW 500 V 3.7.22 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

TDD Freq.: 2593.0 MHz Ref. Level: 38.90 dBm BW: 20.0 MHz CP: Normal Meas Subfr./Slot: 2 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: 16-QAM

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

LTE

Multi Evaluation **RDY**

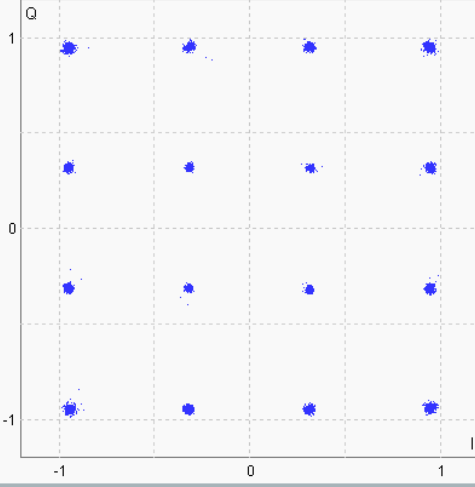
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling **Run**



Q

1

0

-1

-1 0 1

I

PS: Connection Established  
RRC State: Connected

Go To Local
Show Remote Screen

## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 Band41\_OBW

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	4.563	/	Pass
		2593	25	0	4.555	/	Pass
		2687.5	25	0	4.571	/	Pass
	16QAM	2498.5	25	0	4.570	/	Pass
		2593	25	0	4.612	/	Pass
		2687.5	25	0	4.592	/	Pass
10	QPSK	2501	50	0	9.132	/	Pass
		2593	50	0	9.060	/	Pass
		2685	50	0	9.091	/	Pass
	16QAM	2501	50	0	9.097	/	Pass
		2593	50	0	9.063	/	Pass
		2685	50	0	9.062	/	Pass
15	QPSK	2503.5	75	0	13.608	/	Pass
		2593	75	0	13.590	/	Pass
		2682.5	75	0	13.653	/	Pass
	16QAM	2503.5	75	0	13.707	/	Pass
		2593	75	0	13.650	/	Pass
		2682.5	75	0	13.649	/	Pass
20	QPSK	2506	100	0	18.186	/	Pass
		2593	100	0	18.122	/	Pass
		2680	100	0	18.184	/	Pass
	16QAM	2506	100	0	18.138	/	Pass
		2593	100	0	18.120	/	Pass
		2680	100	0	18.118	/	Pass

#### 4.1.2 Band41\_XDB

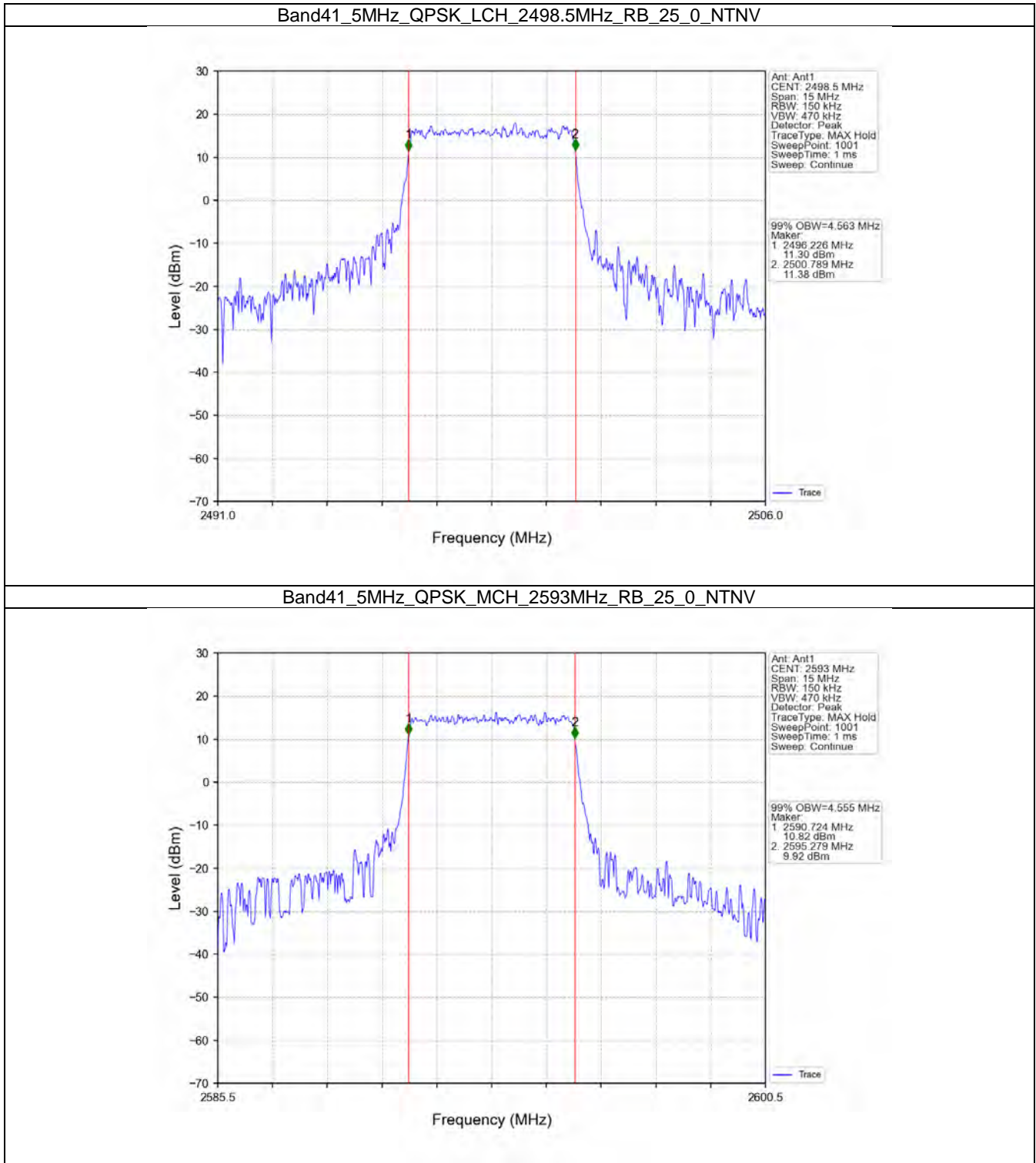
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.925	/	Pass
		2593	25	0	5.196	/	Pass
		2687.5	25	0	5.280	/	Pass
	16QAM	2498.5	25	0	5.586	/	Pass
		2593	25	0	5.536	/	Pass
		2687.5	25	0	5.325	/	Pass
10	QPSK	2501	50	0	11.123	/	Pass
		2593	50	0	10.375	/	Pass
		2685	50	0	11.133	/	Pass
	16QAM	2501	50	0	11.260	/	Pass
		2593	50	0	10.479	/	Pass
		2685	50	0	10.213	/	Pass

15	QPSK	2503.5	75	0	16.485	/	Pass
		2593	75	0	15.219	/	Pass
		2682.5	75	0	15.747	/	Pass
	16QAM	2503.5	75	0	17.310	/	Pass
		2593	75	0	16.484	/	Pass
		2682.5	75	0	16.265	/	Pass
20	QPSK	2506	100	0	20.979	/	Pass
		2593	100	0	20.268	/	Pass
		2680	100	0	20.354	/	Pass
	16QAM	2506	100	0	19.925	/	Pass
		2593	100	0	21.448	/	Pass
		2680	100	0	19.966	/	Pass

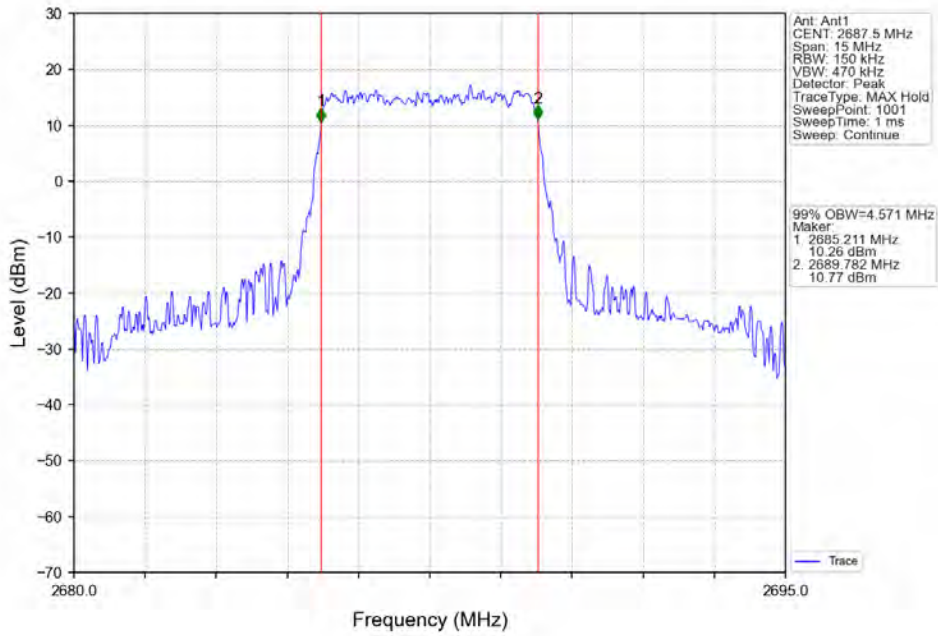


## 4.2 Test Graph

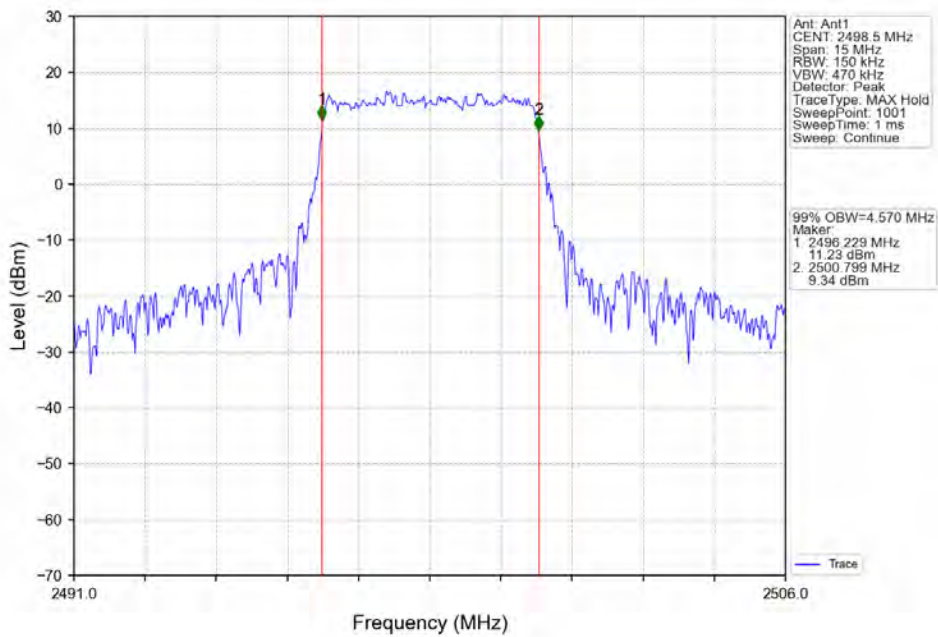
### 4.2.1 Band41\_OBW



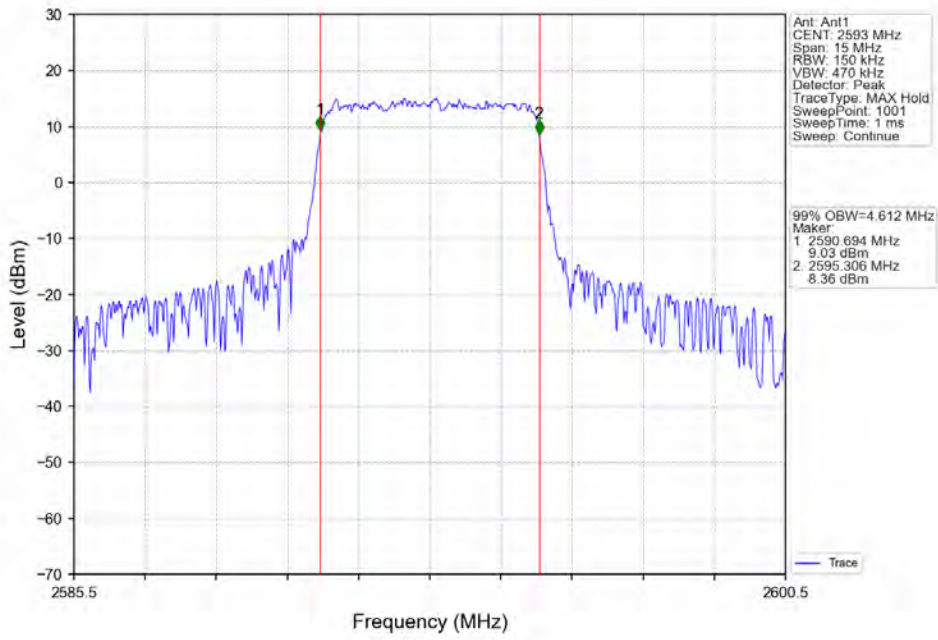
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



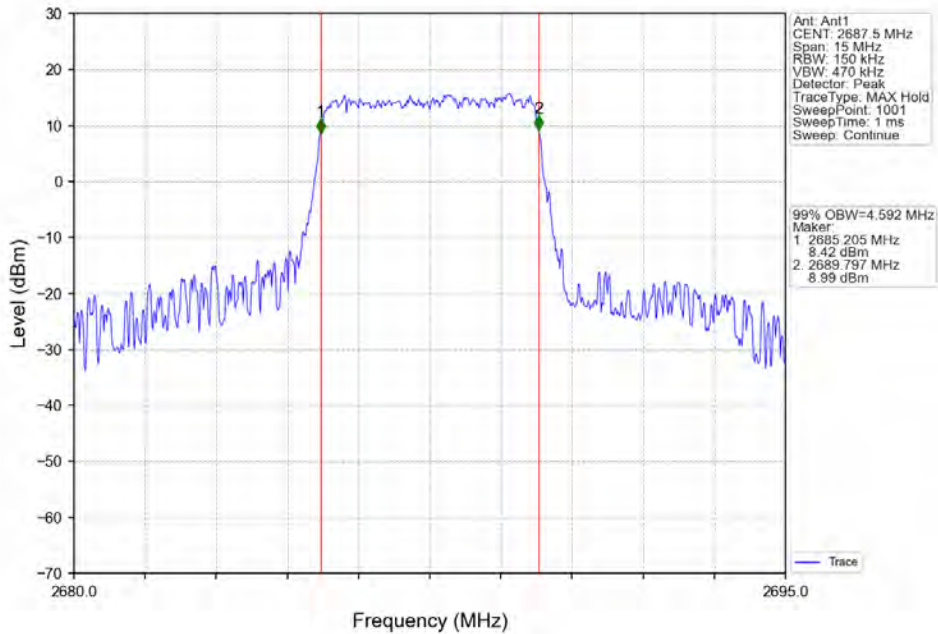
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



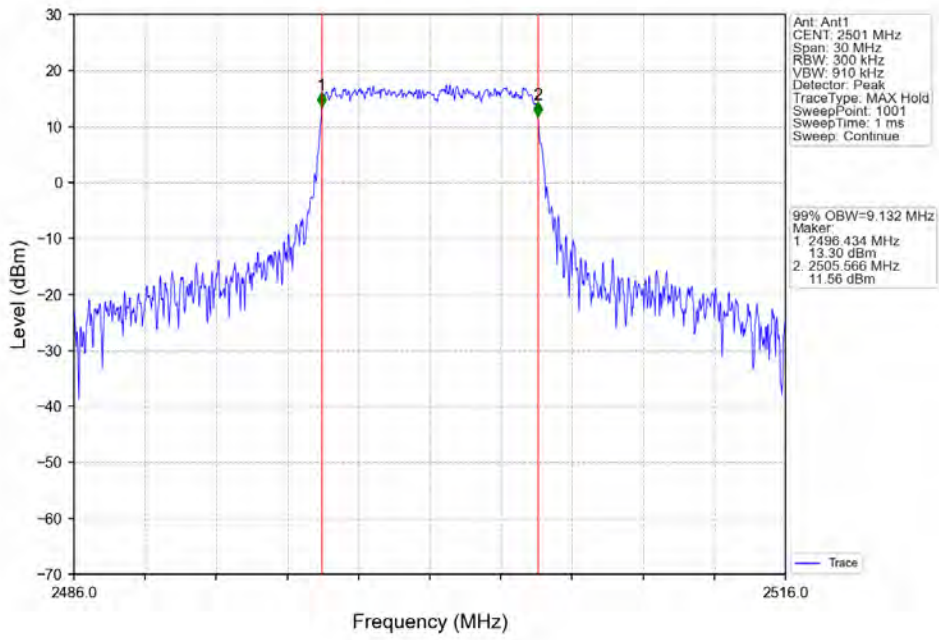
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



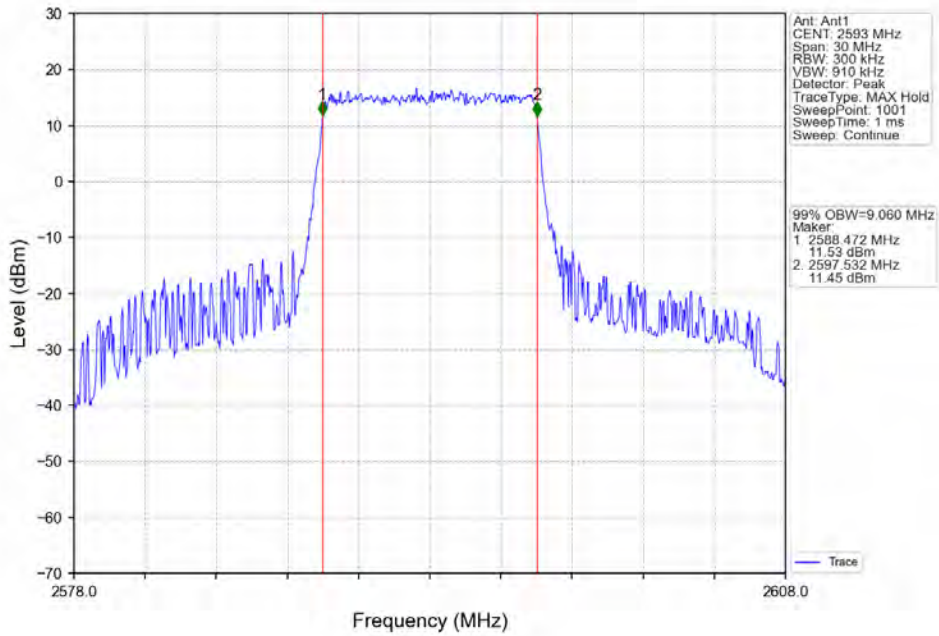
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



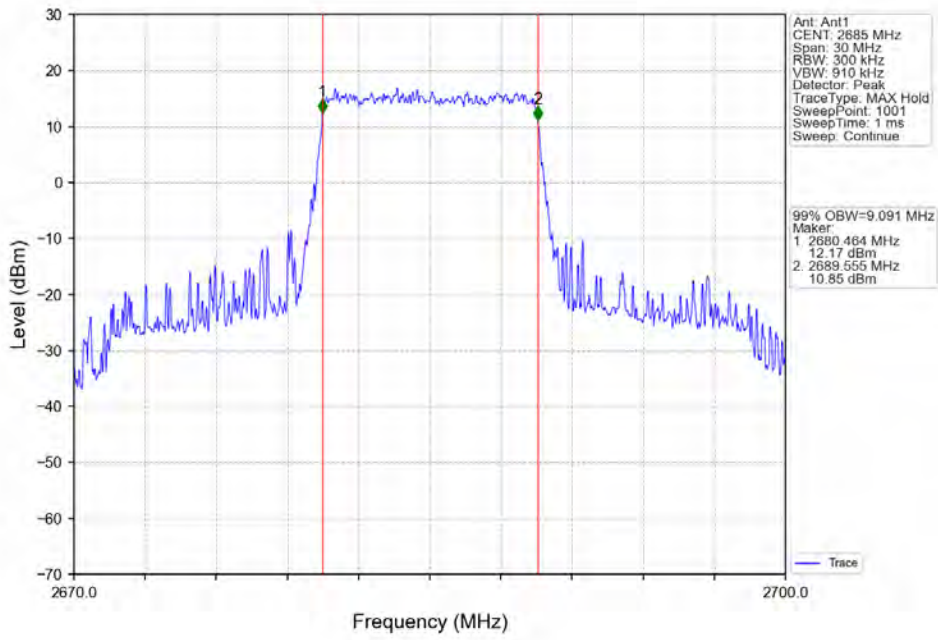
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV



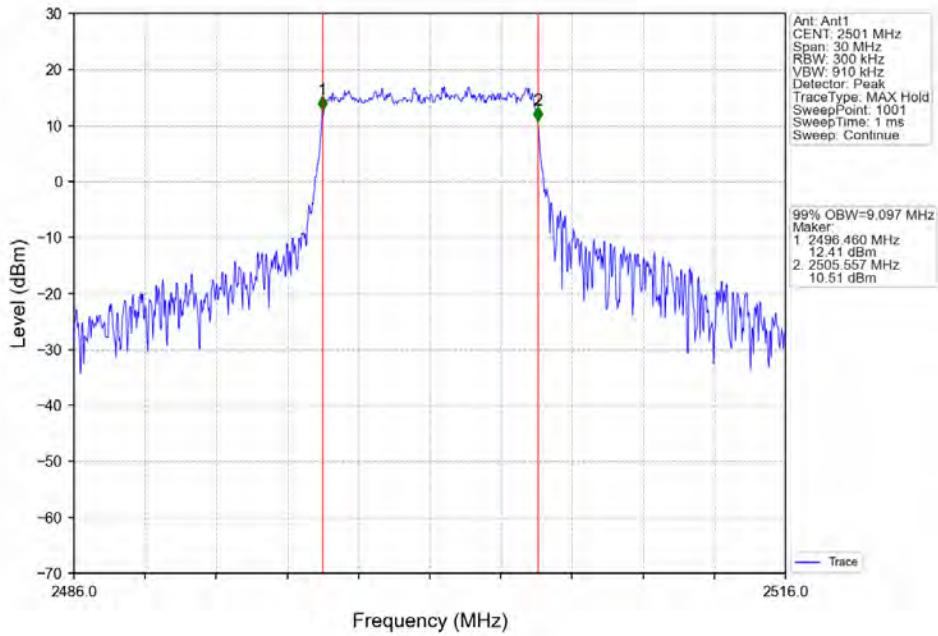
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV



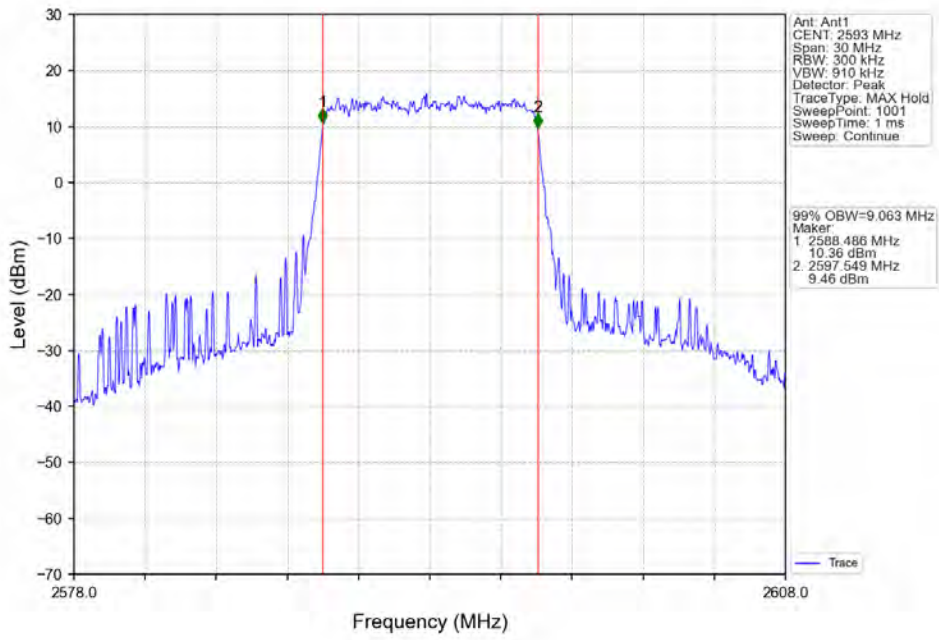
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



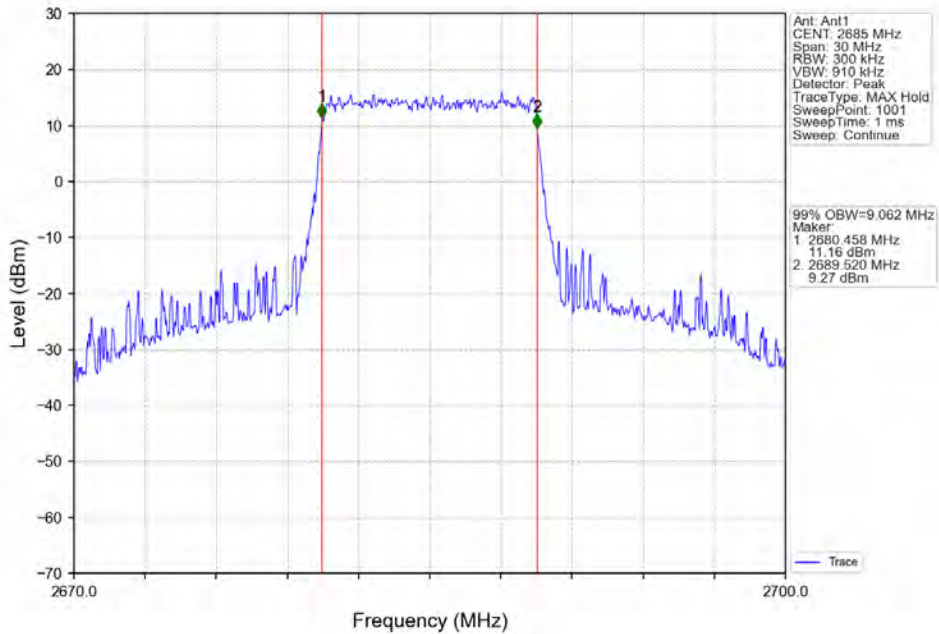
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



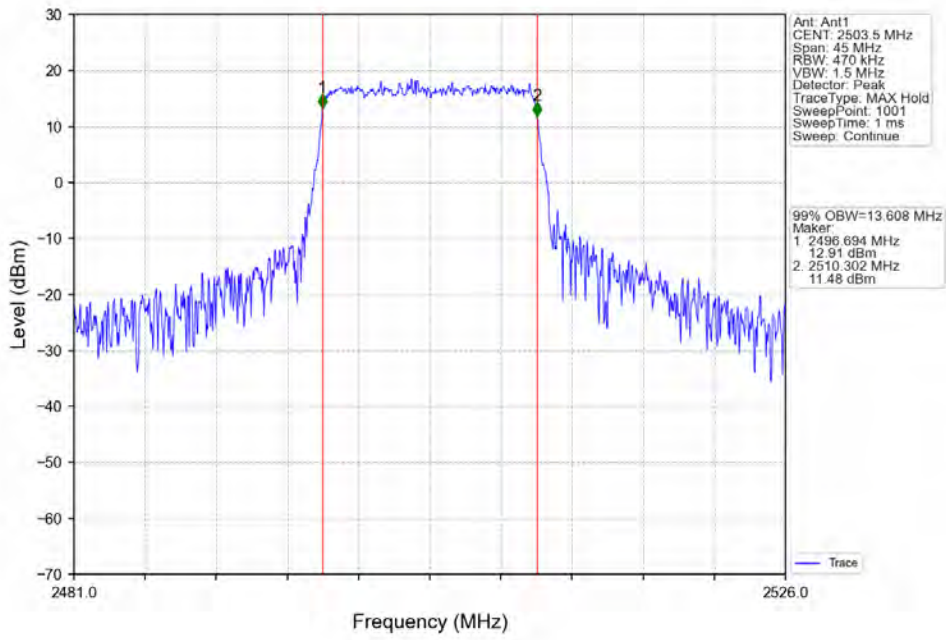
Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV



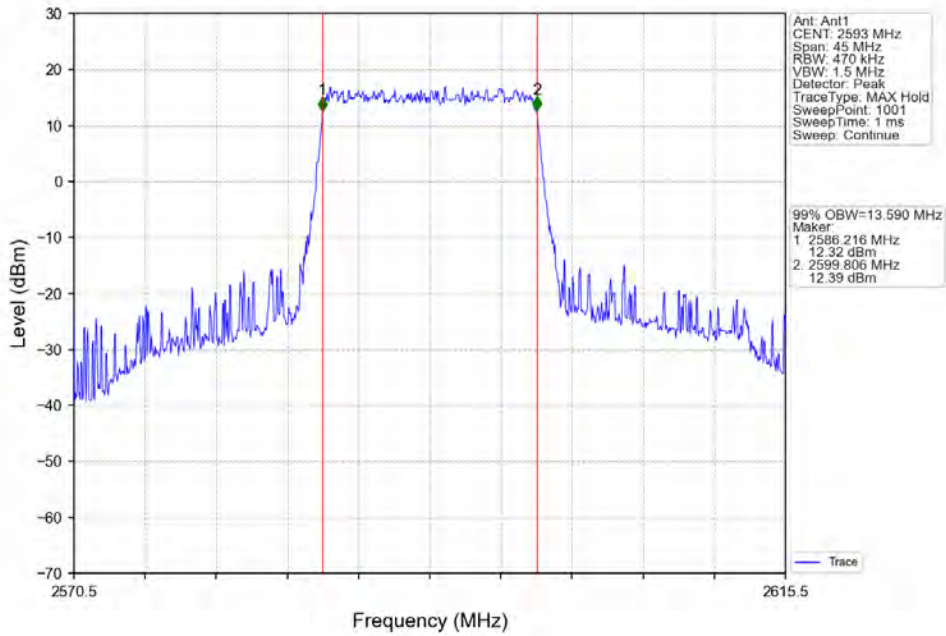
Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



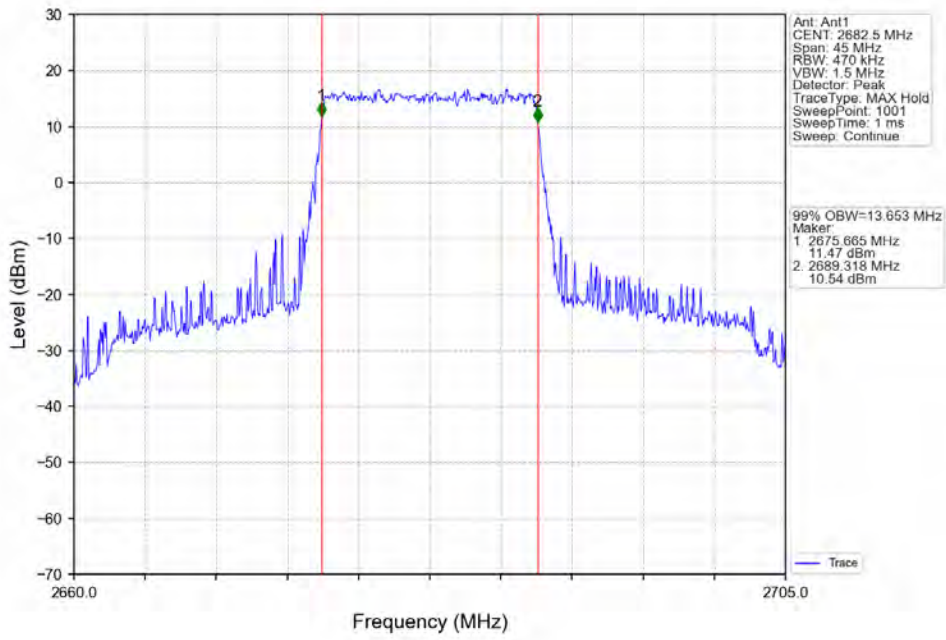
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



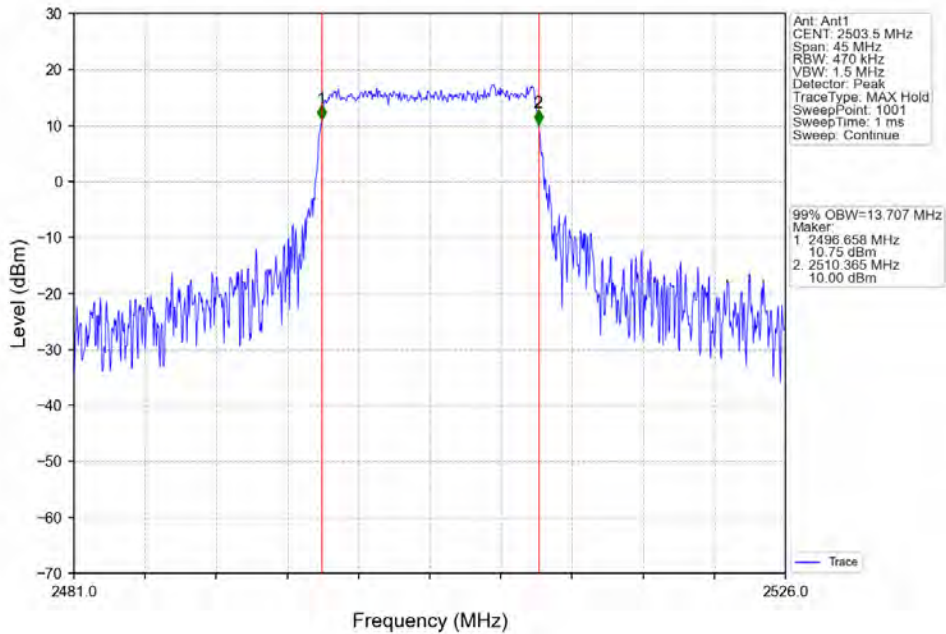
Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_75\_0\_NTNV



Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV

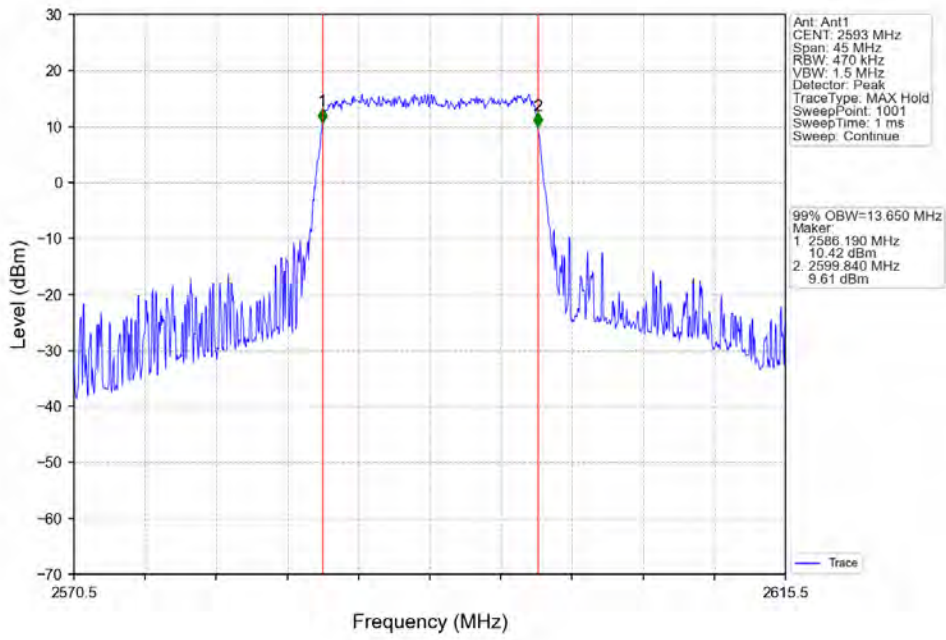


Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV

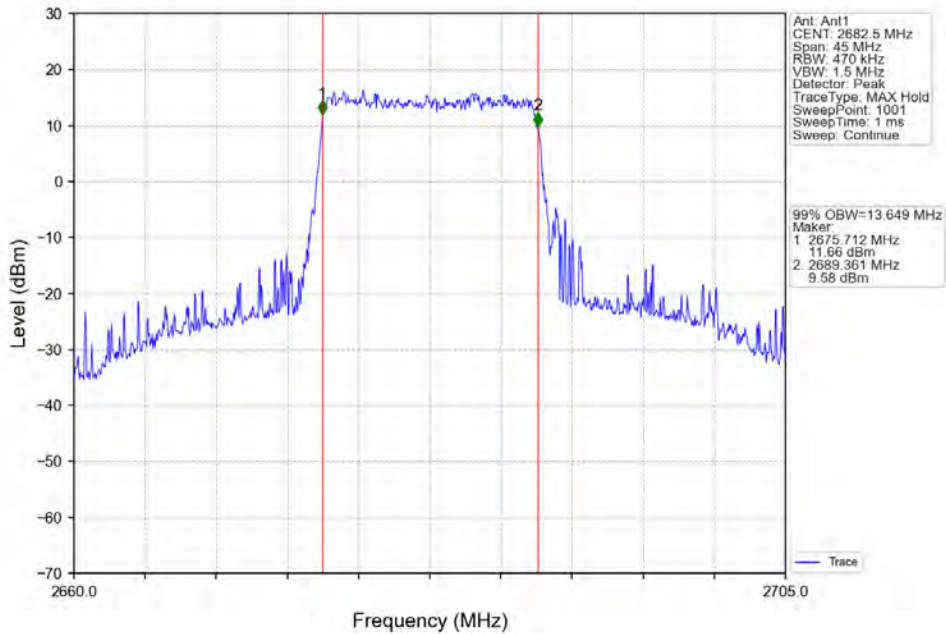




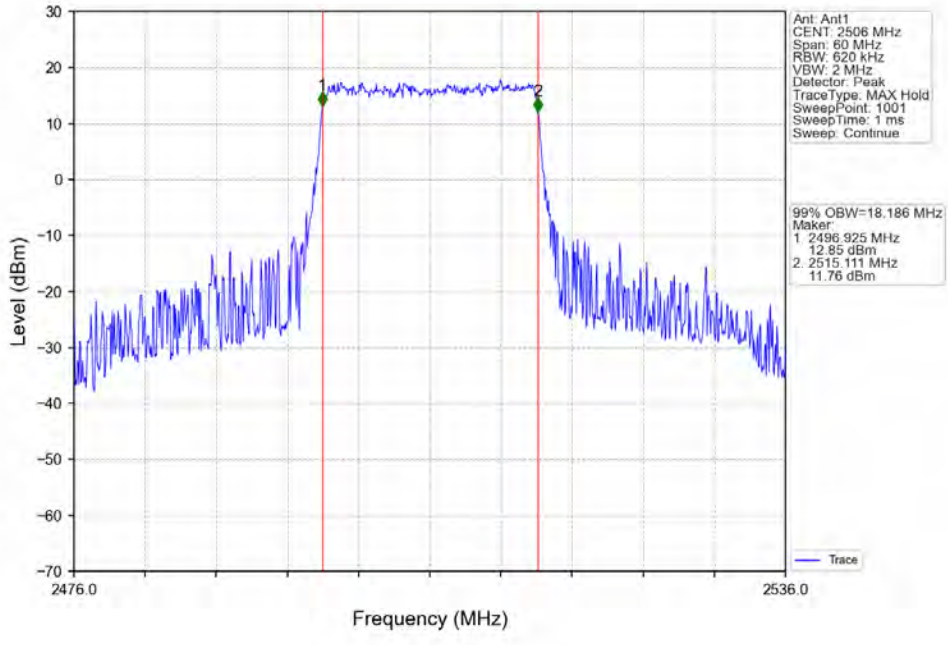
Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



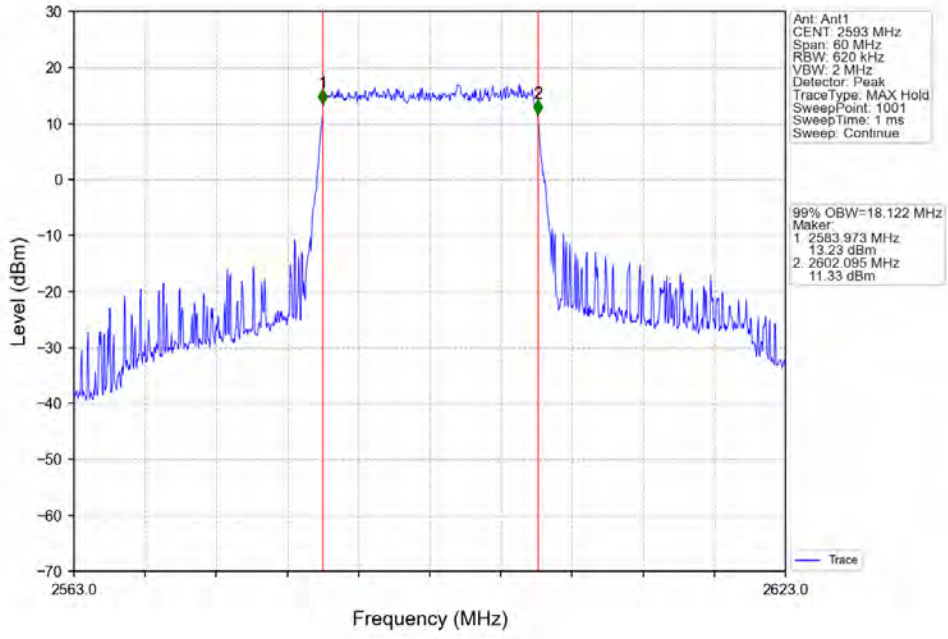
Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



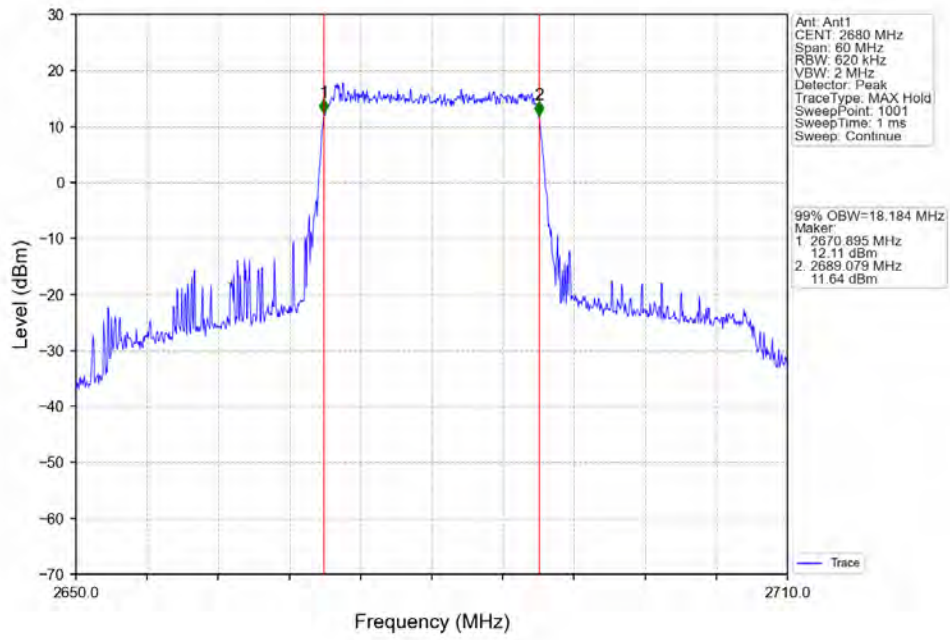
Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_100\_0\_NTNV



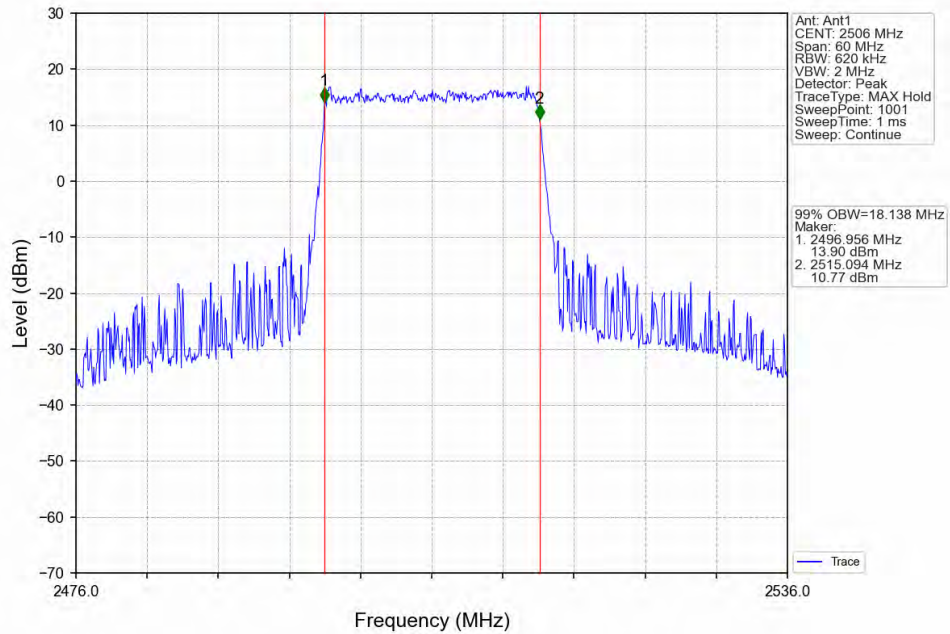
Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_100\_0\_NTNV



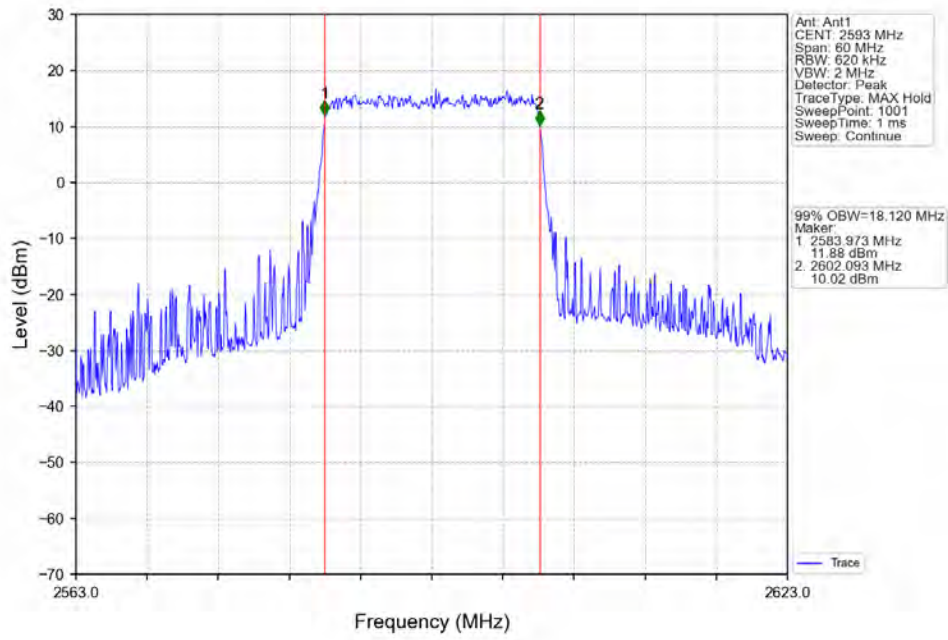
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



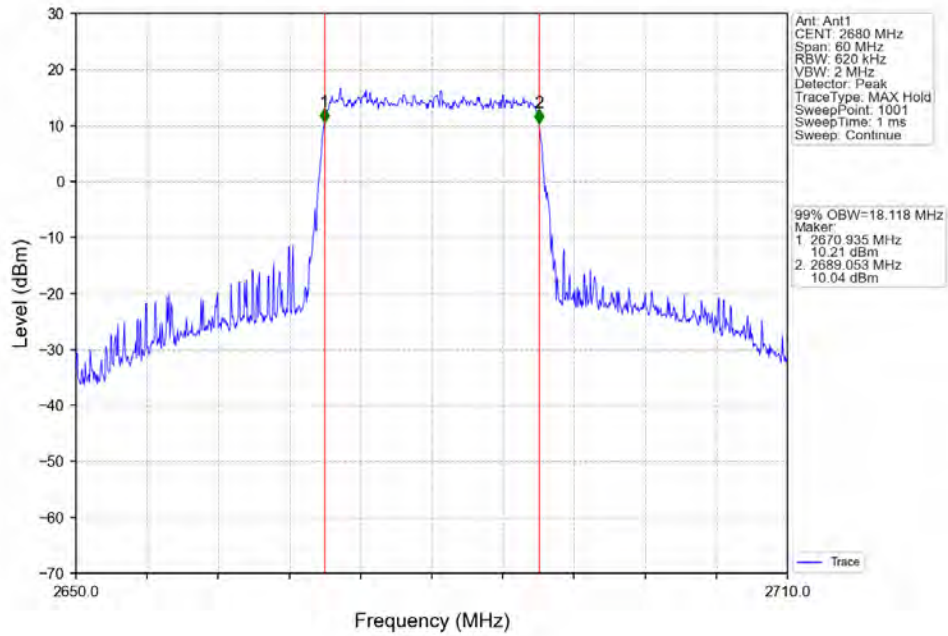
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



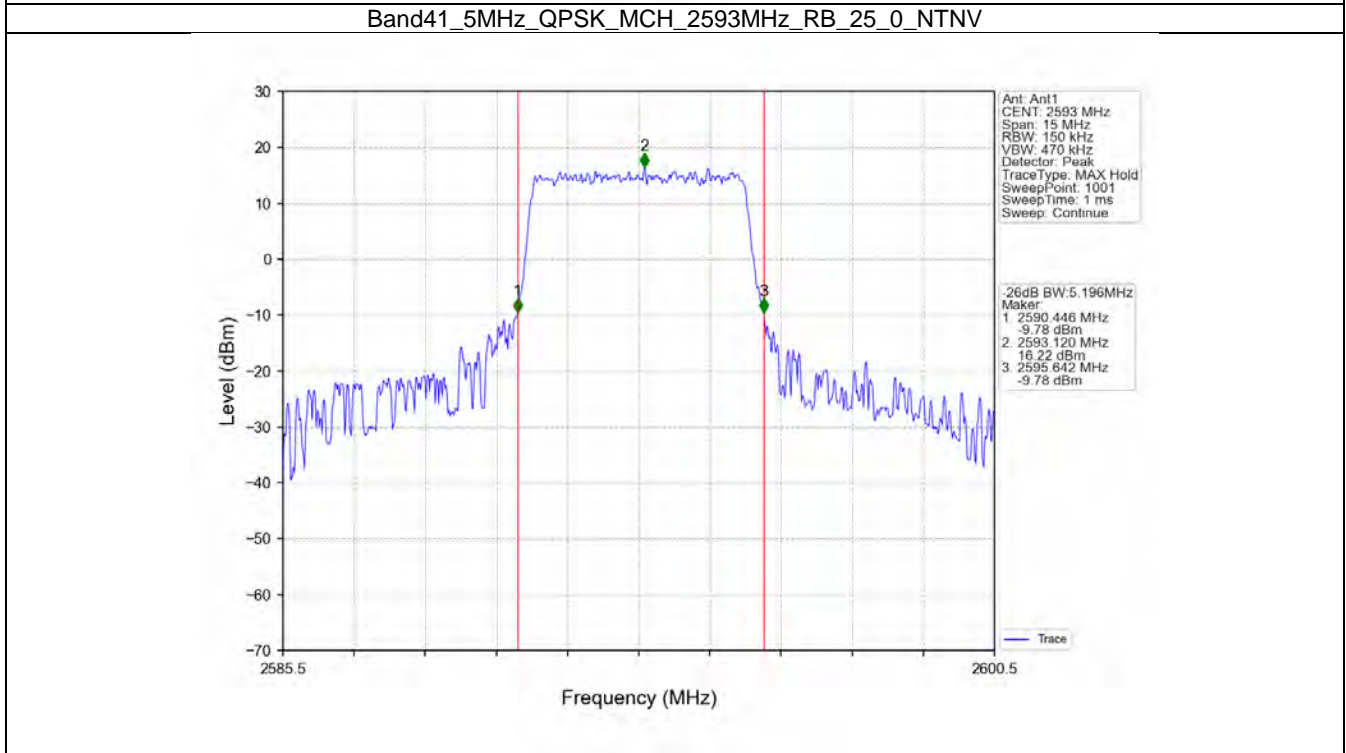
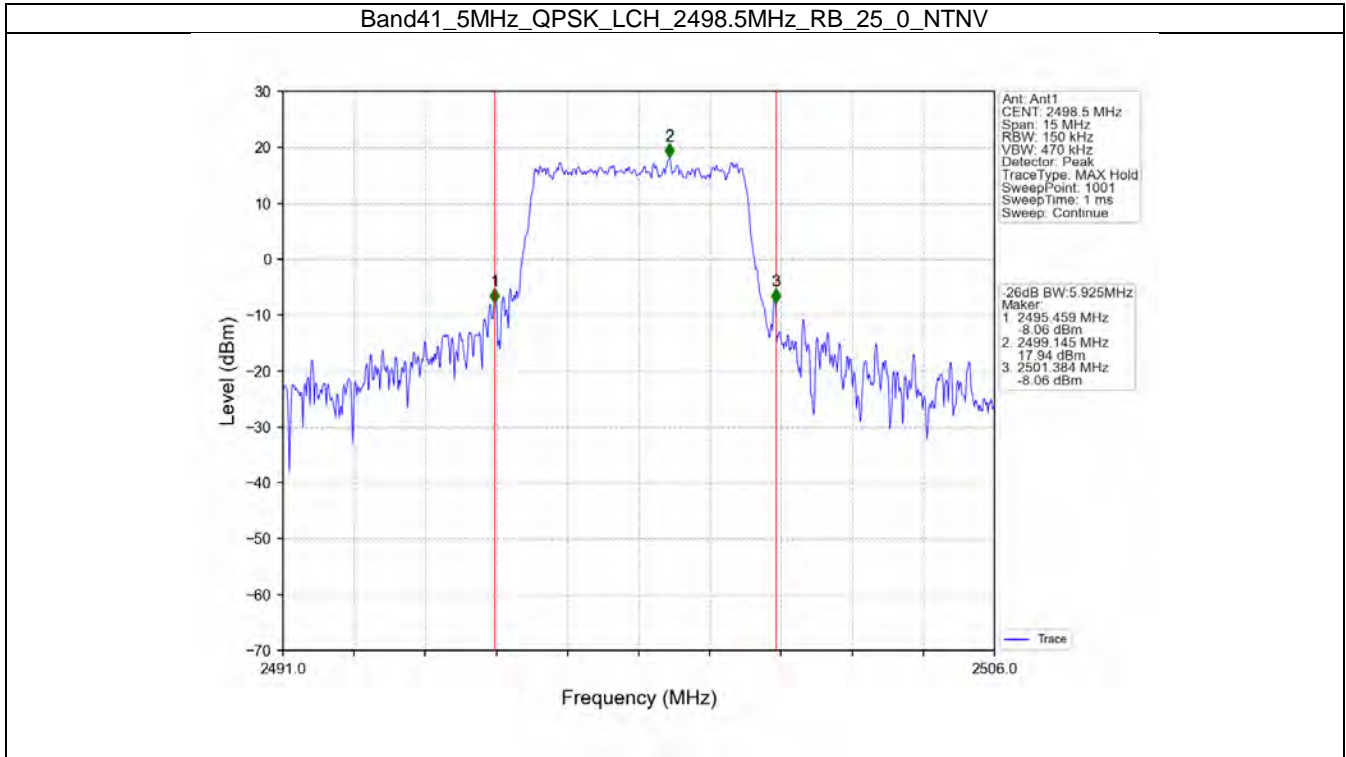
Band41\_20MHz\_16QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV



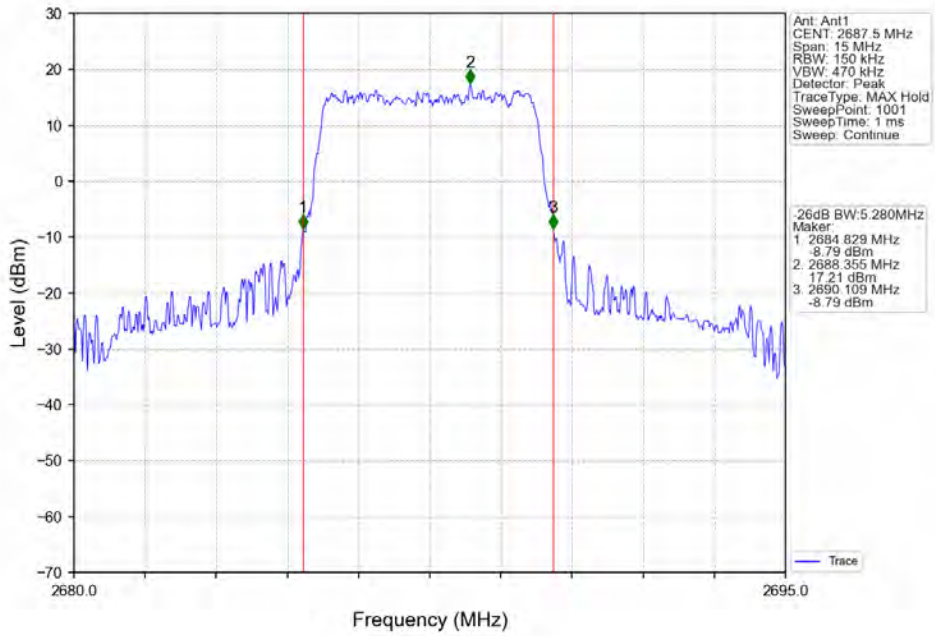
Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



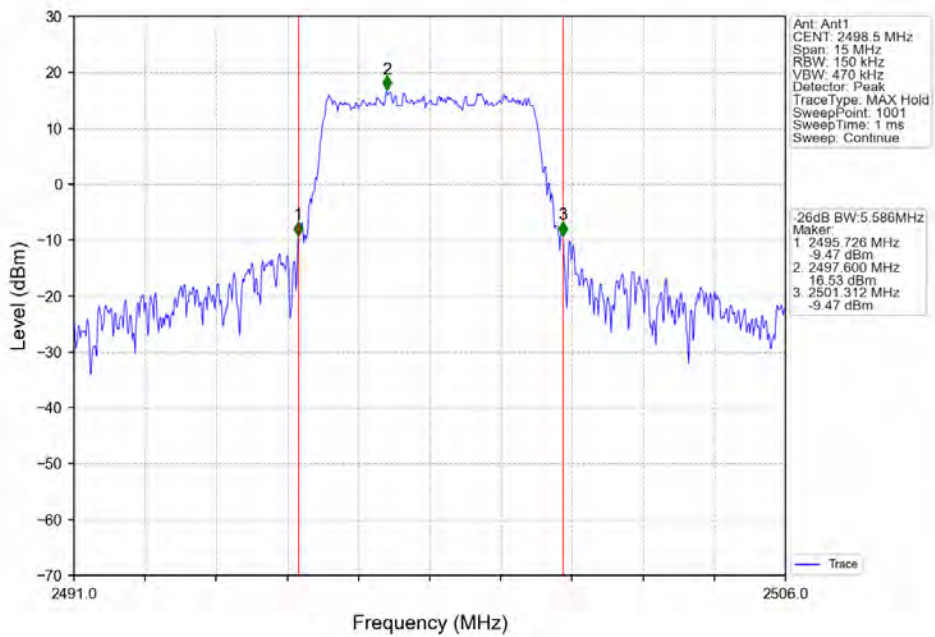
### 4.2.2 Band41\_XDB



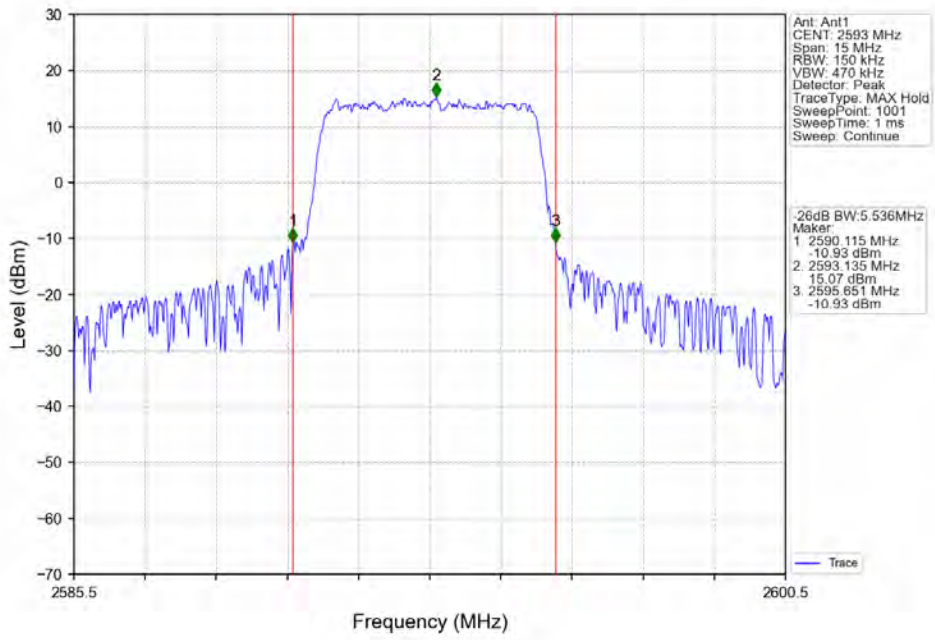
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



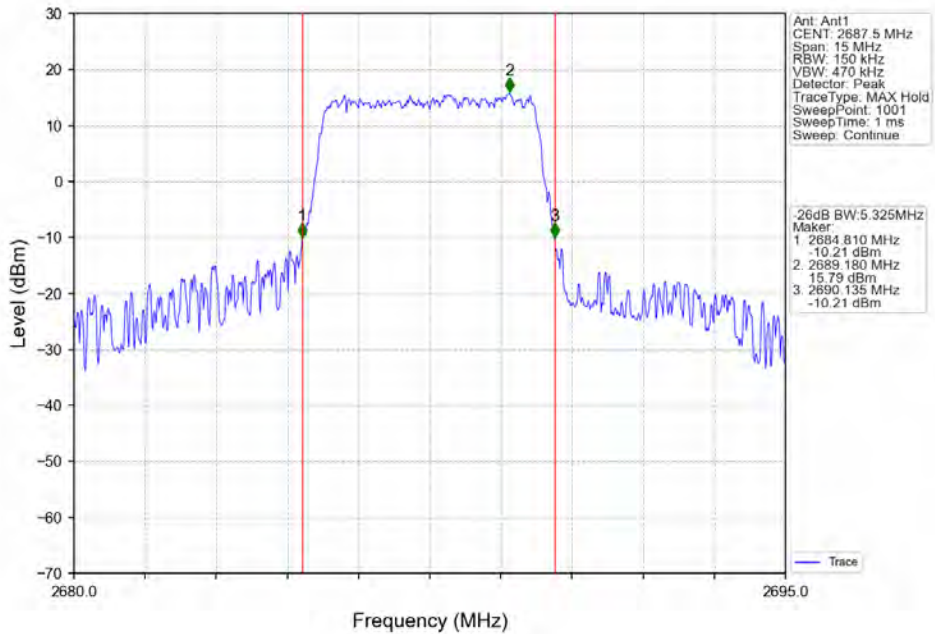
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



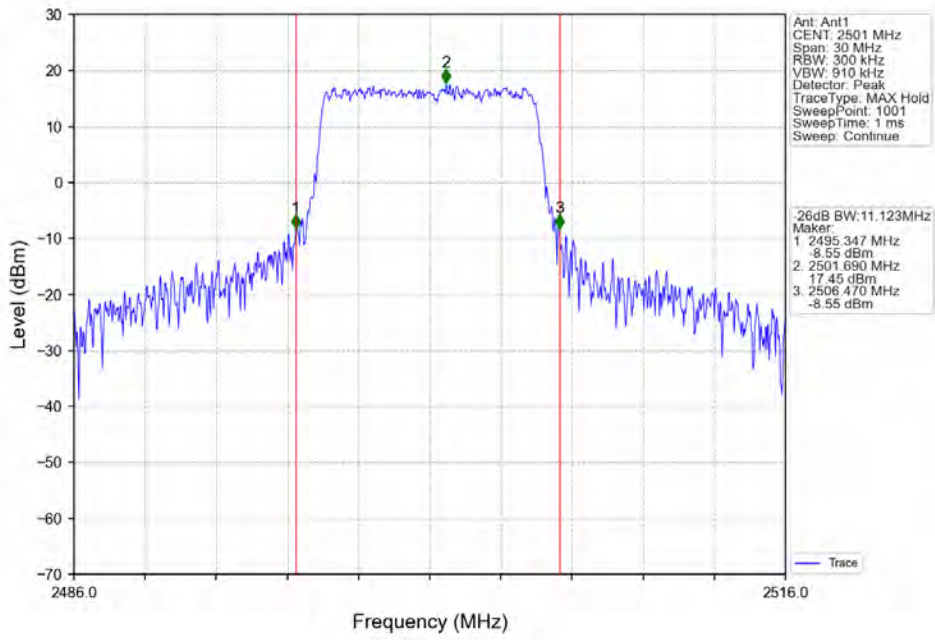
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



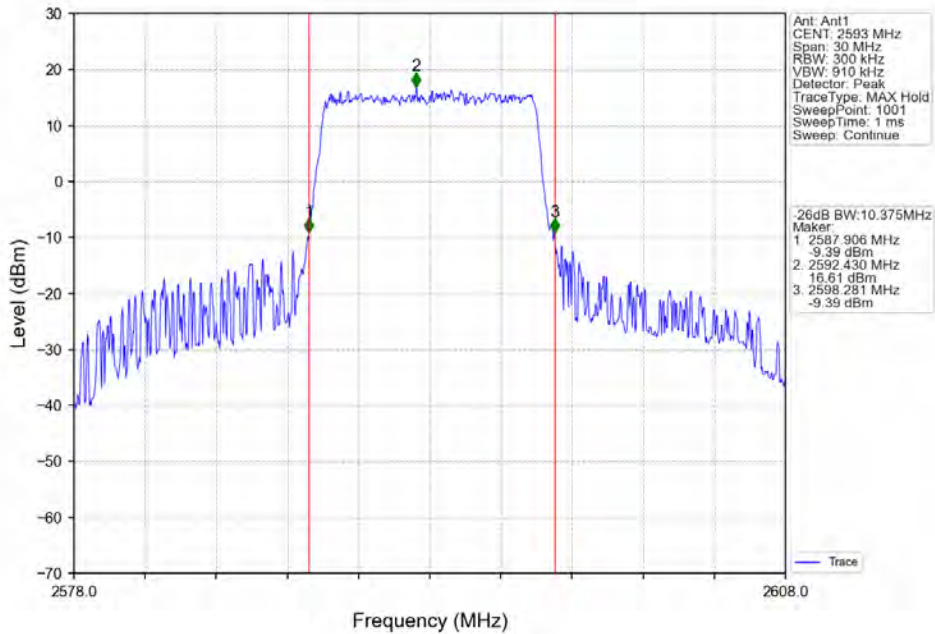
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV

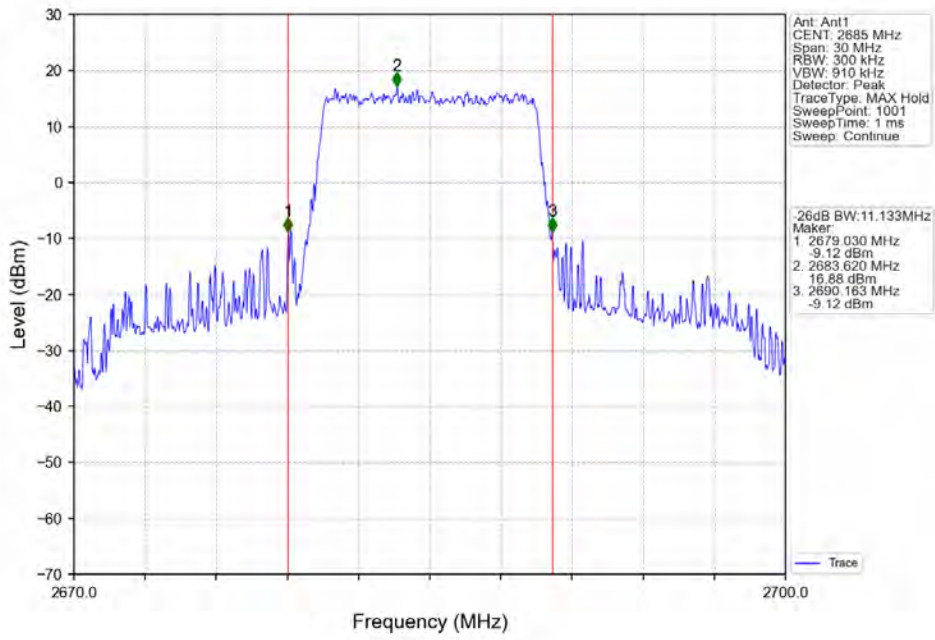


Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_50\_0\_NTNV

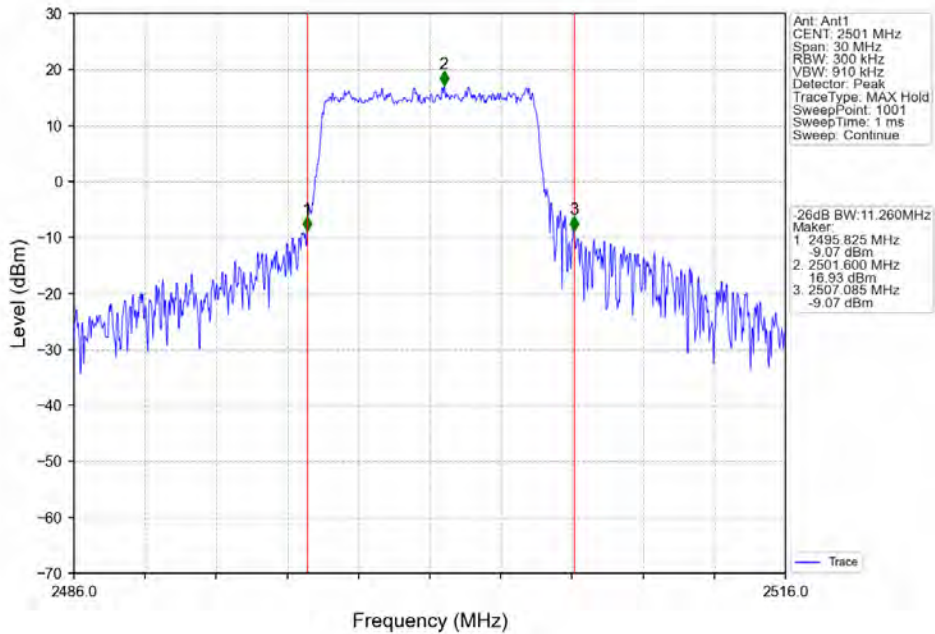




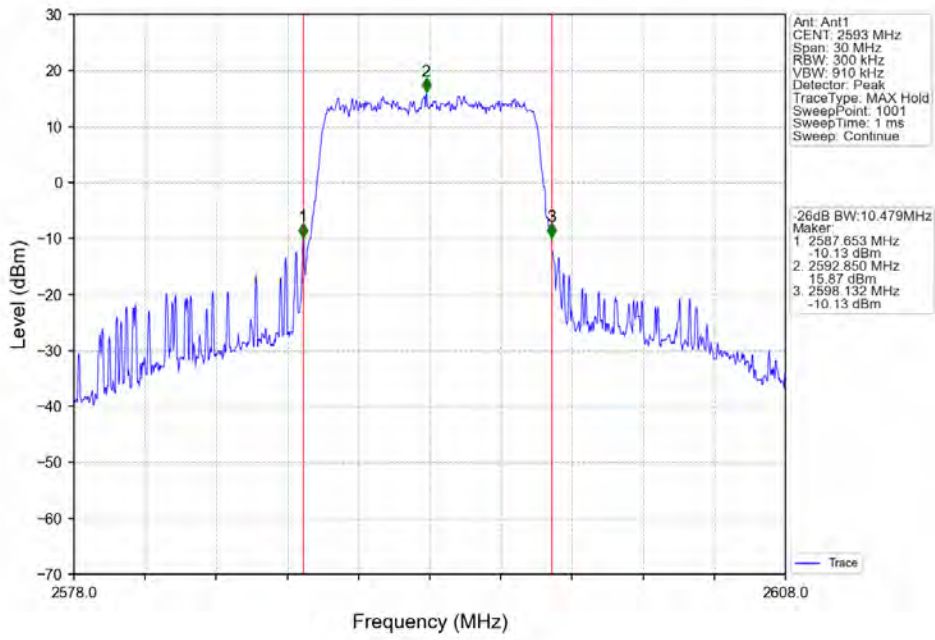
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



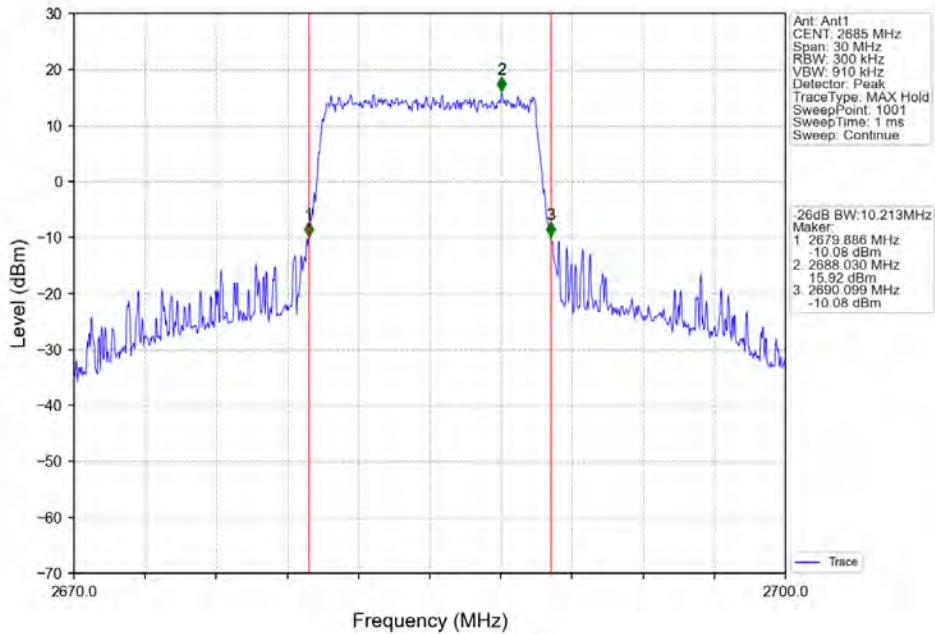
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



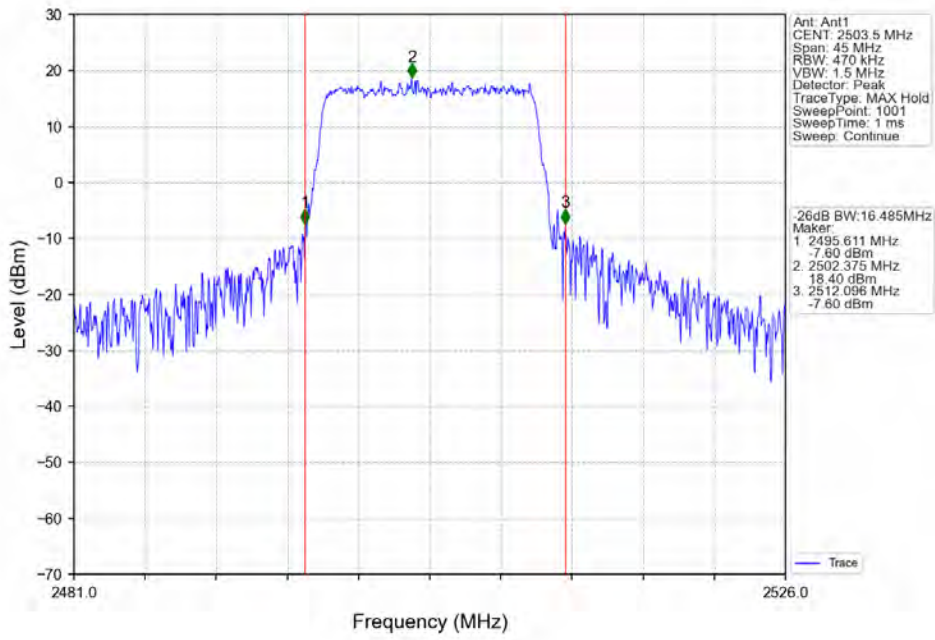
Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV



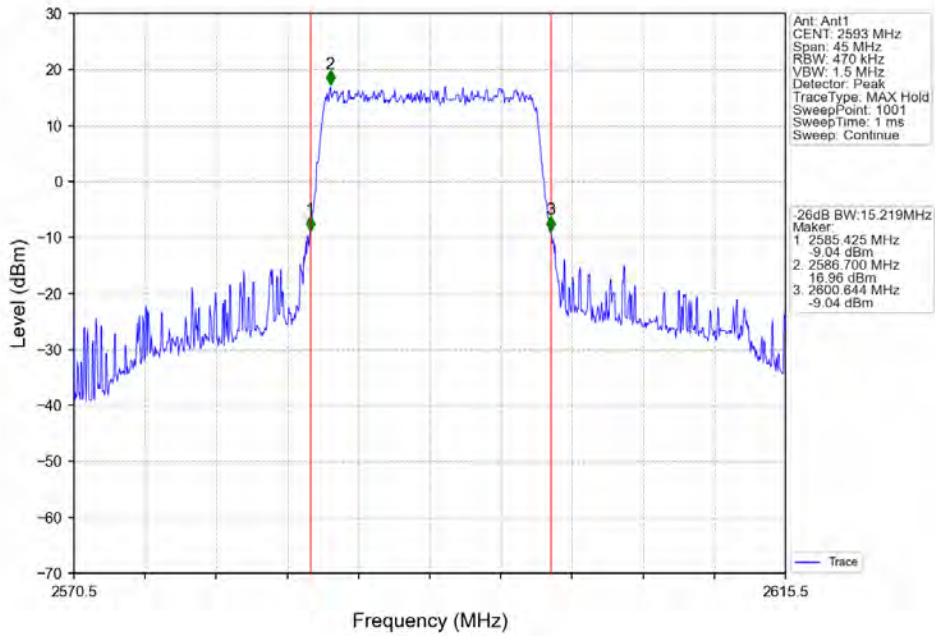
Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



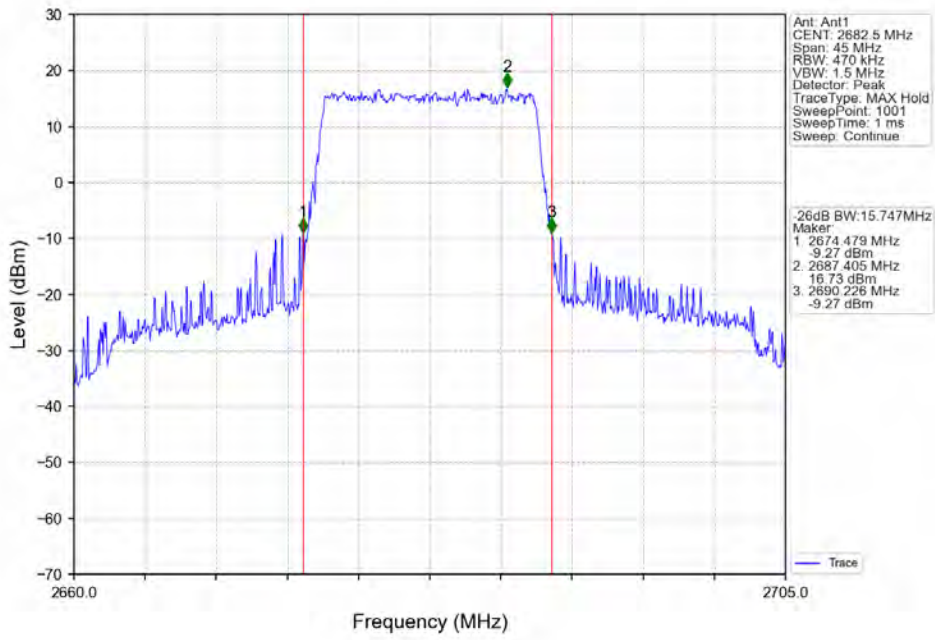
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



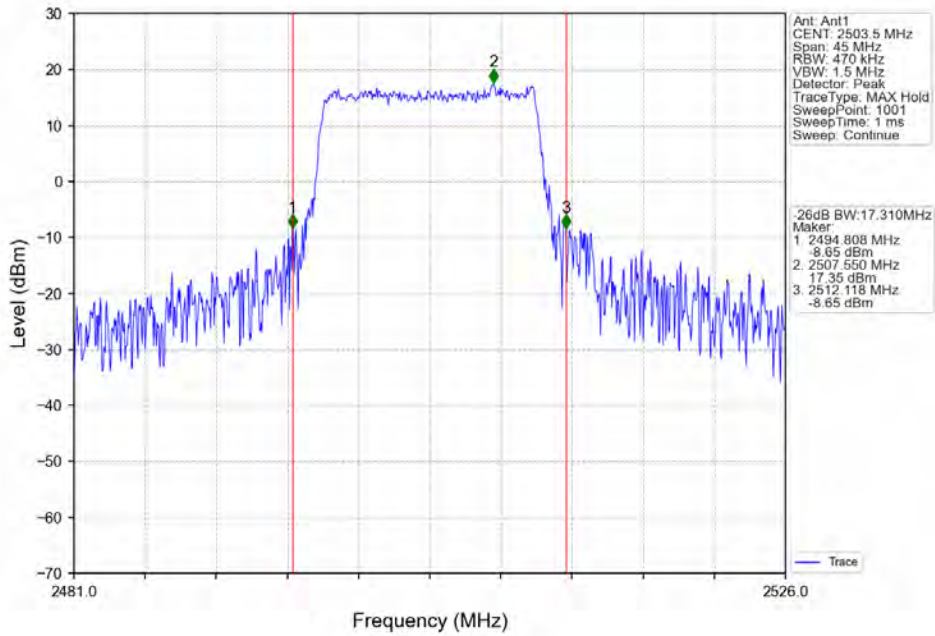
Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_75\_0\_NTNV



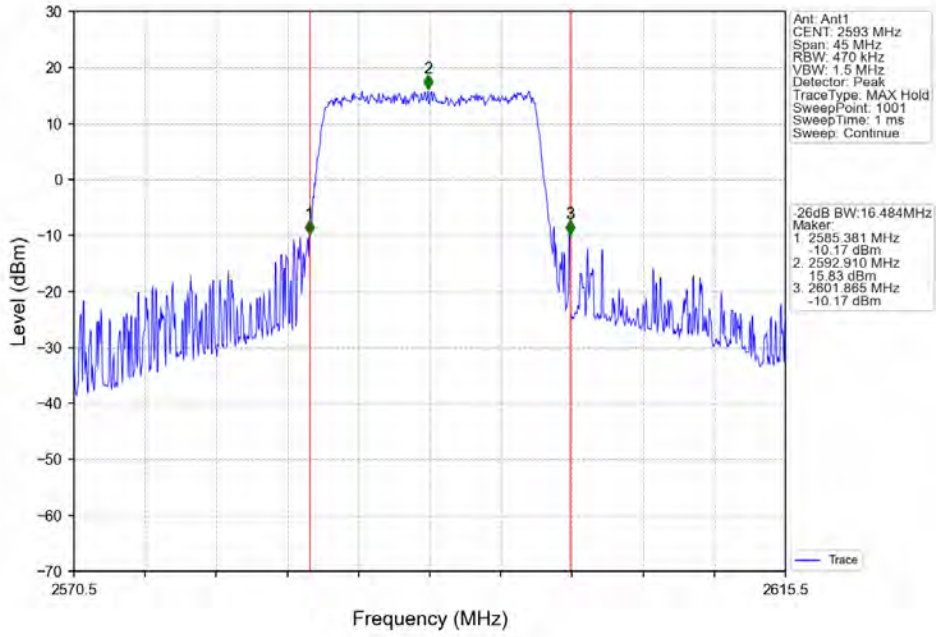
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



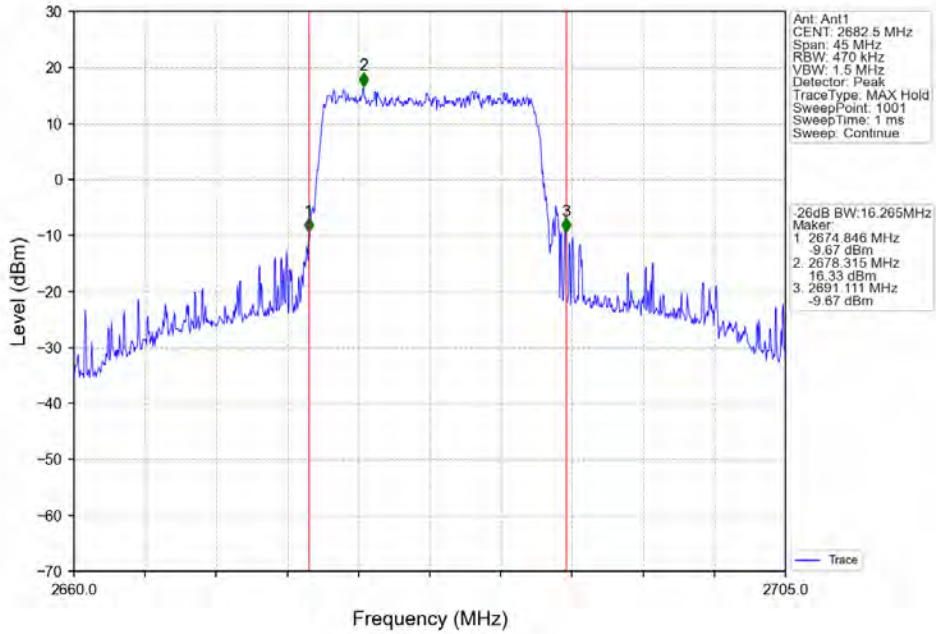
Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



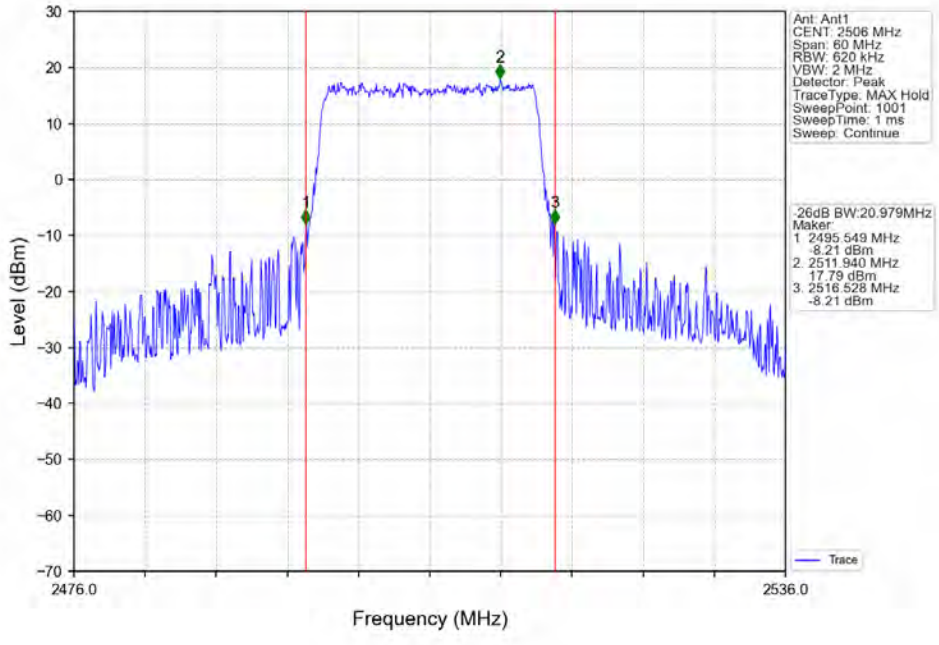
Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



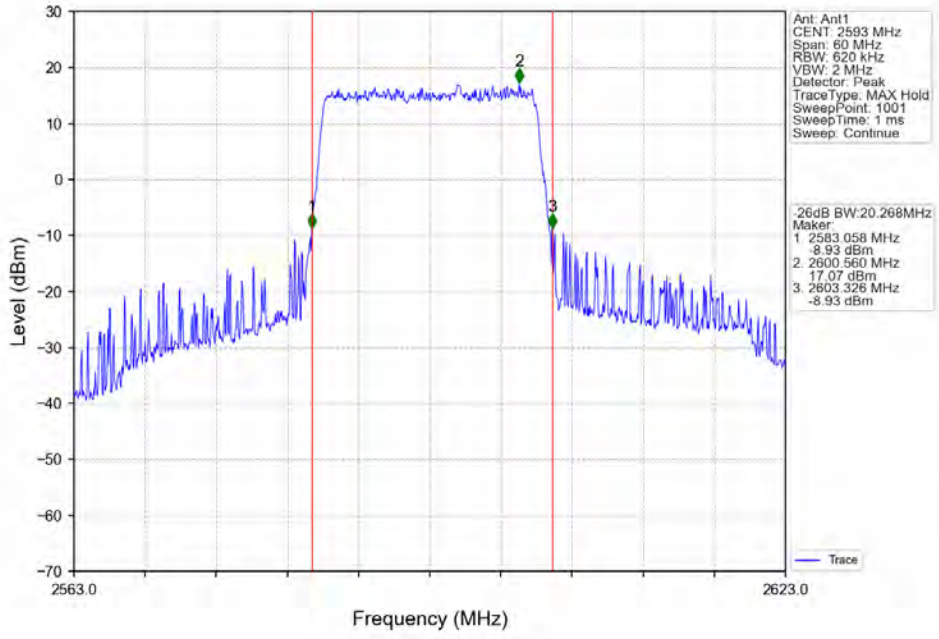
Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



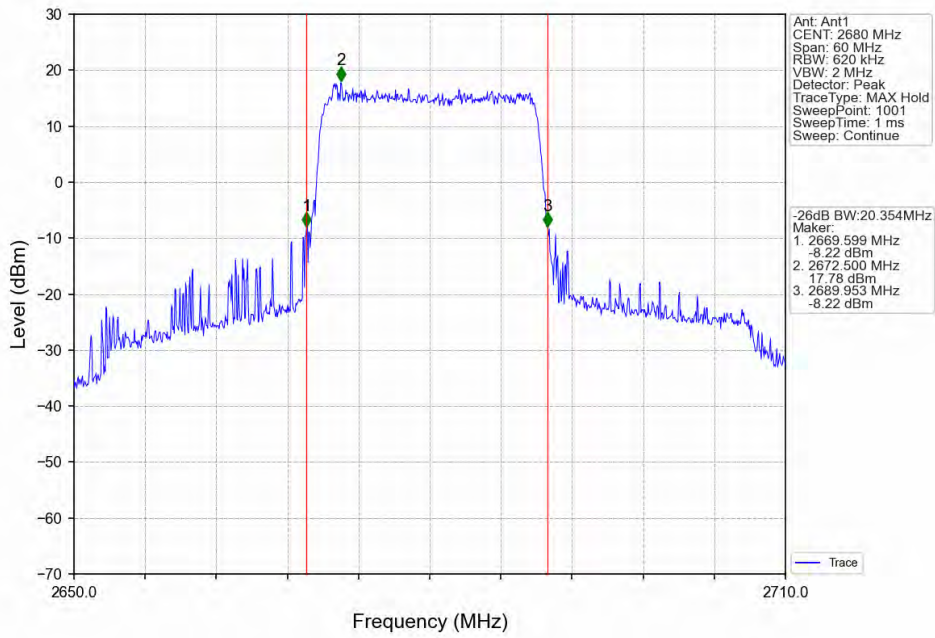
Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_100\_0\_NTNV



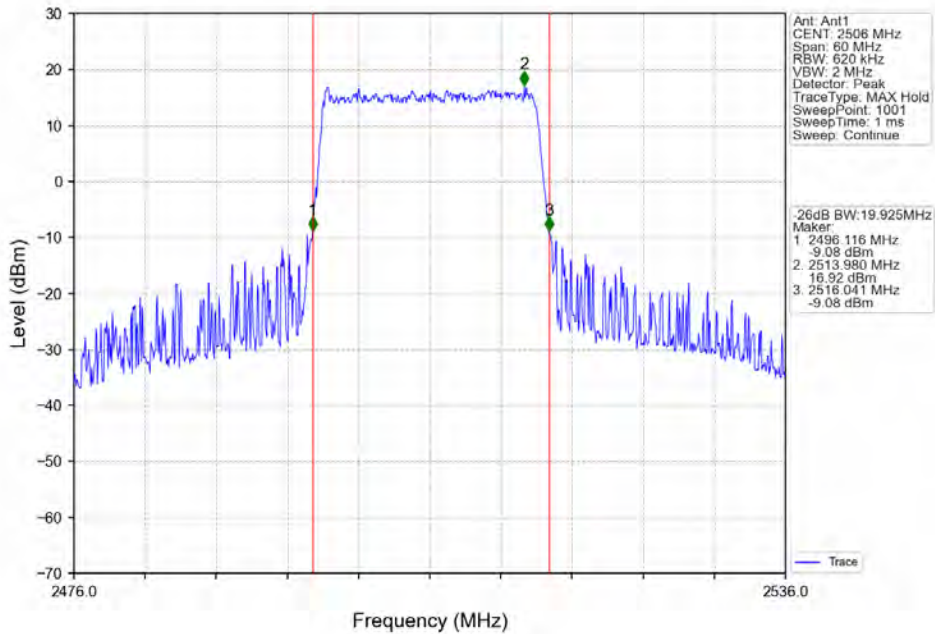
Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_100\_0\_NTNV



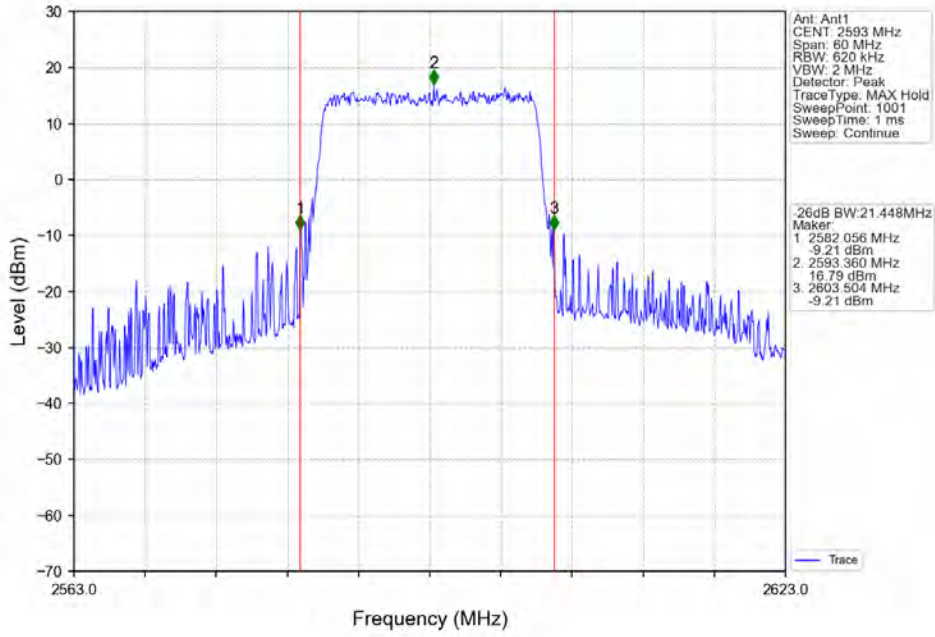
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



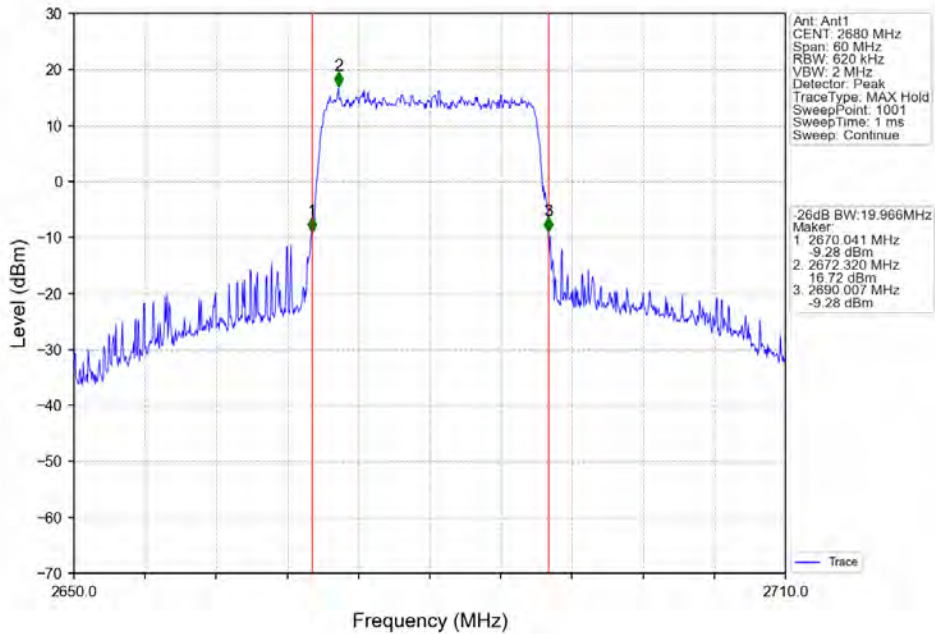
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV





## 5. Peak-Average Ratio

### 5.1 Test Result

#### 5.1.1 B41\_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.53	<=13	Pass
	2593	25	0	7.46	<=13	Pass
	2687.5	25	0	7.48	<=13	Pass
16QAM	2498.5	25	0	8.23	<=13	Pass
	2593	25	0	8.08	<=13	Pass
	2687.5	25	0	8.40	<=13	Pass

#### 5.1.2 B41\_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.68	<=13	Pass
	2593	50	0	7.55	<=13	Pass
	2685	50	0	7.82	<=13	Pass
16QAM	2501	50	0	8.21	<=13	Pass
	2593	50	0	8.29	<=13	Pass
	2685	50	0	8.41	<=13	Pass

#### 5.1.3 B41\_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	6.48	<=13	Pass
	2593	75	0	7.29	<=13	Pass
	2682.5	75	0	7.21	<=13	Pass
16QAM	2503.5	75	0	8.45	<=13	Pass
	2593	75	0	7.88	<=13	Pass
	2682.5	75	0	8.43	<=13	Pass

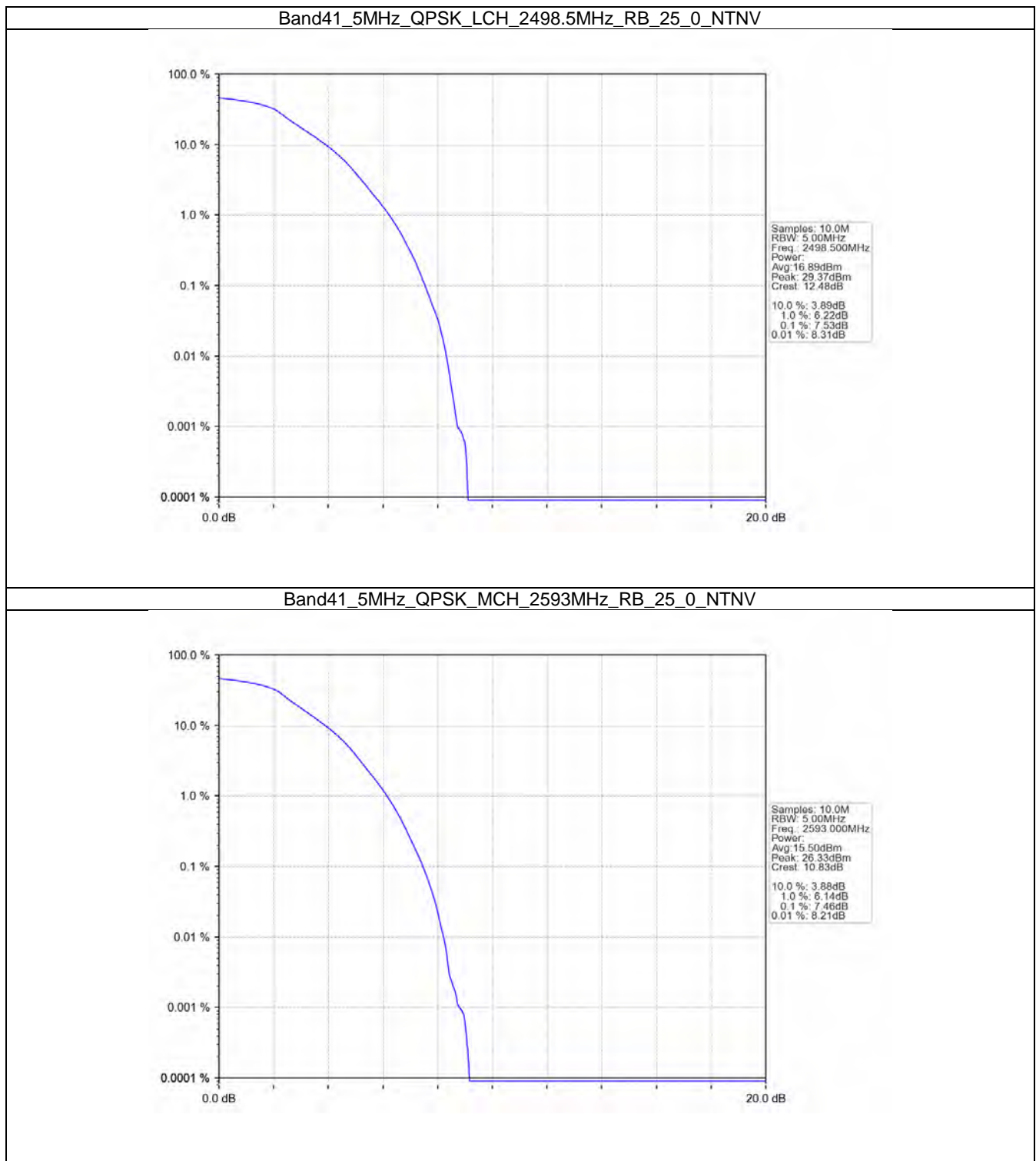
#### 5.1.4 B41\_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.69	<=13	Pass
	2593	100	0	7.56	<=13	Pass
	2680	100	0	7.82	<=13	Pass

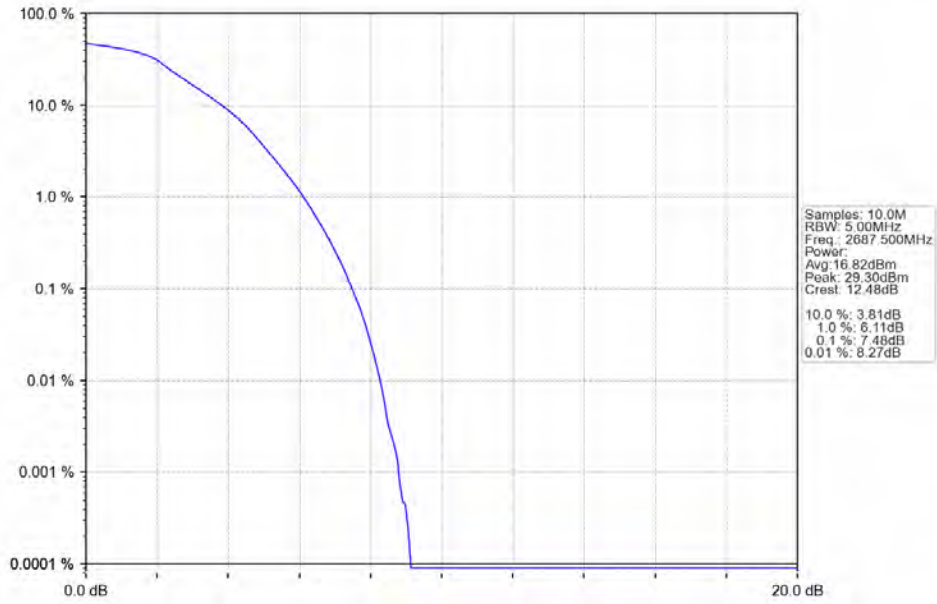
16QAM	2506	100	0	8.41	<=13	Pass
	2593	100	0	8.75	<=13	Pass
	2680	100	0	8.58	<=13	Pass

## 5.2 Test Graph

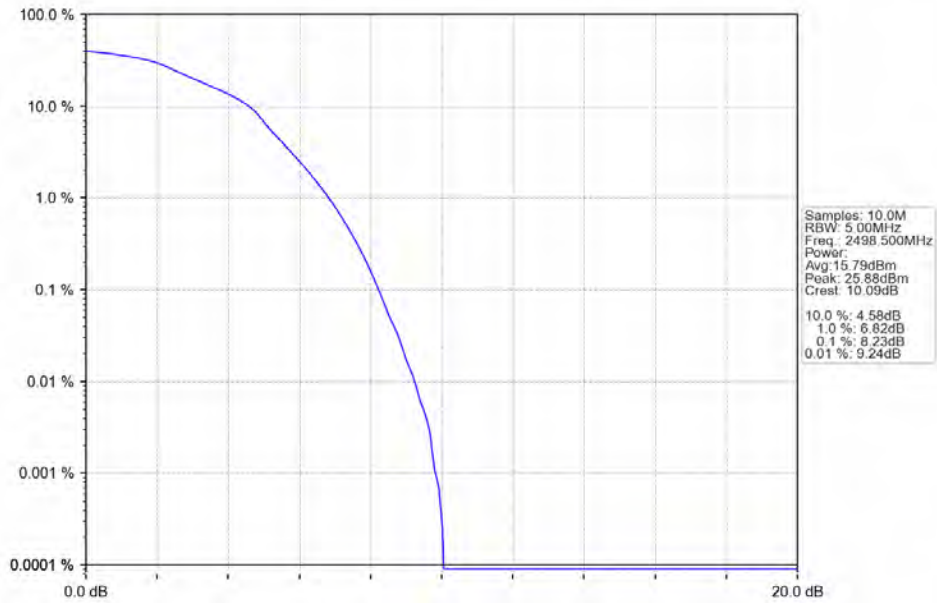
### 5.2.1 B41\_5MHz



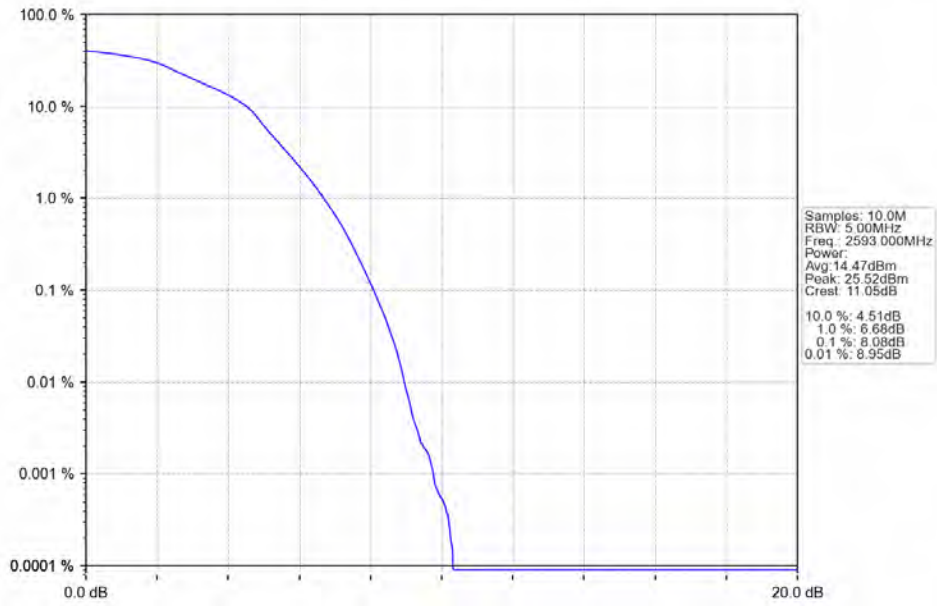
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



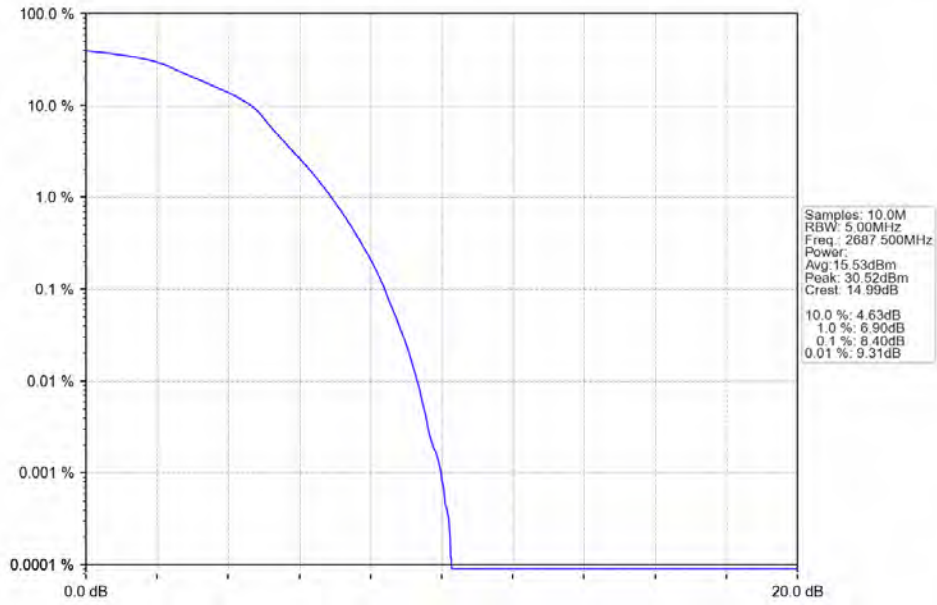
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



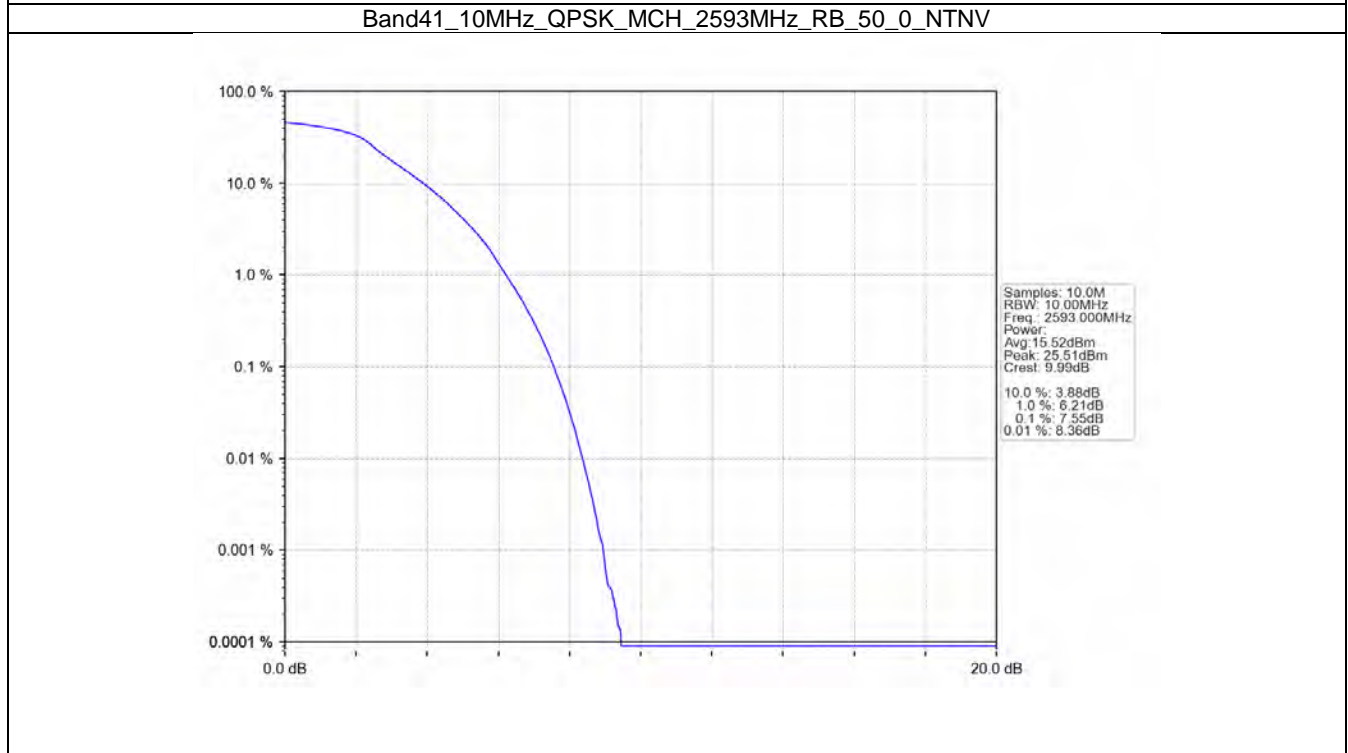
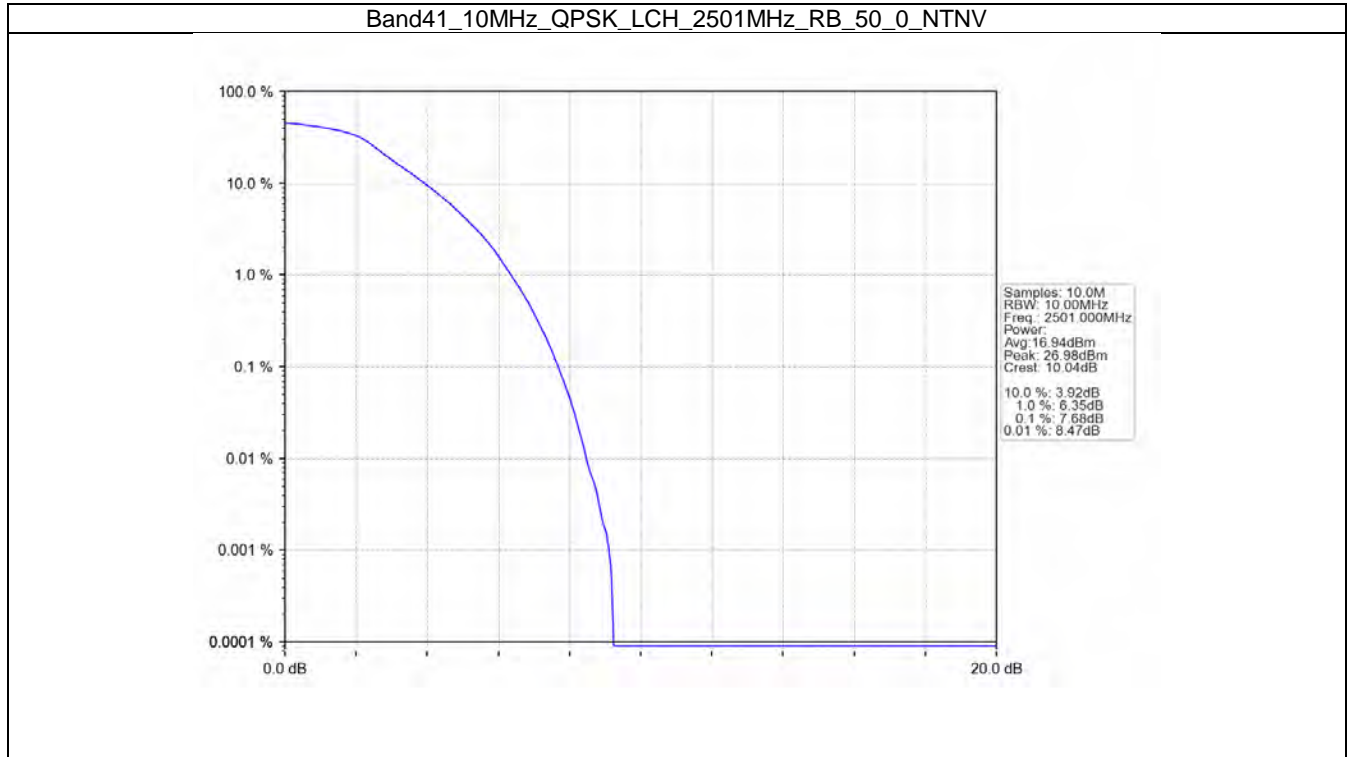
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_25\_0\_NTNV



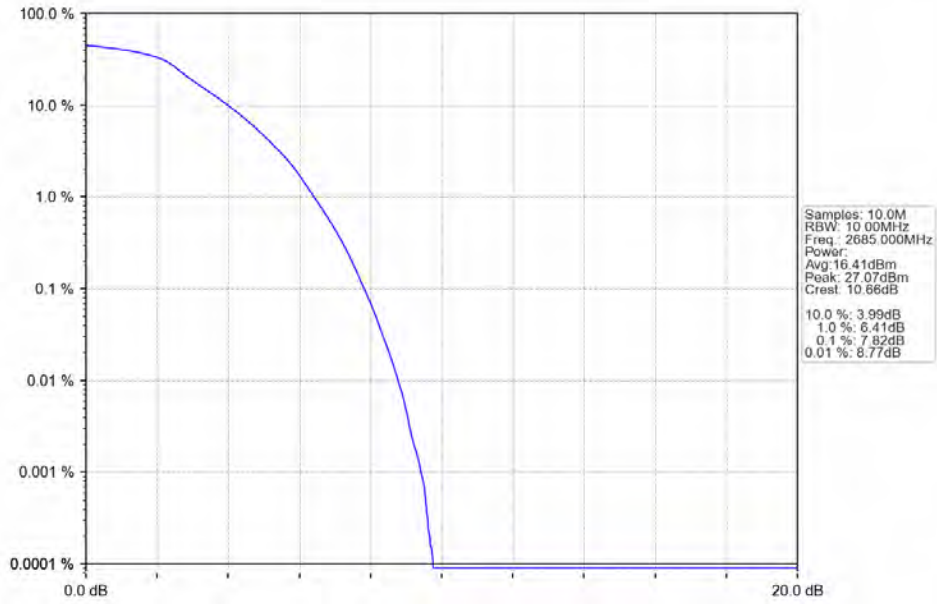
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



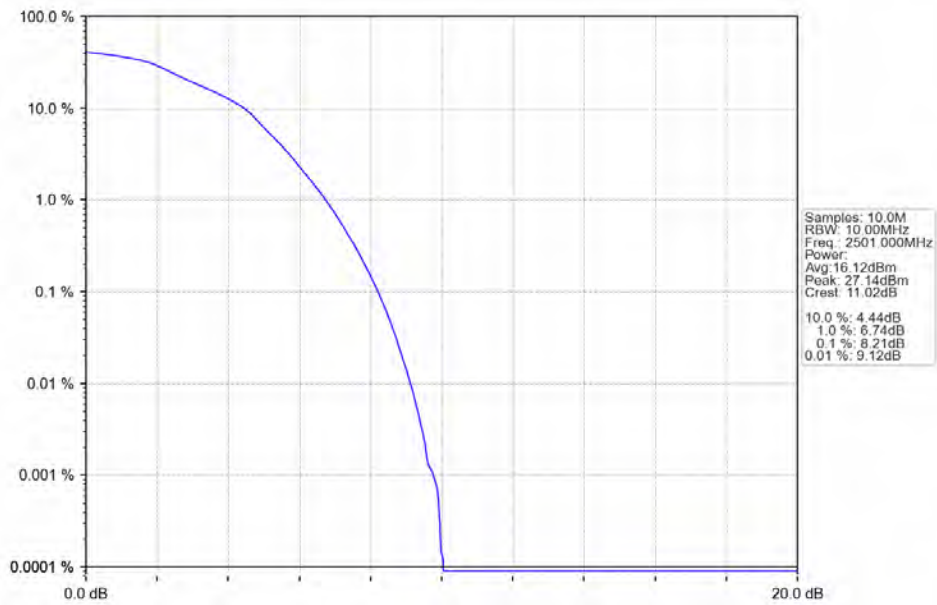
## 5.2.2 B41\_10MHz



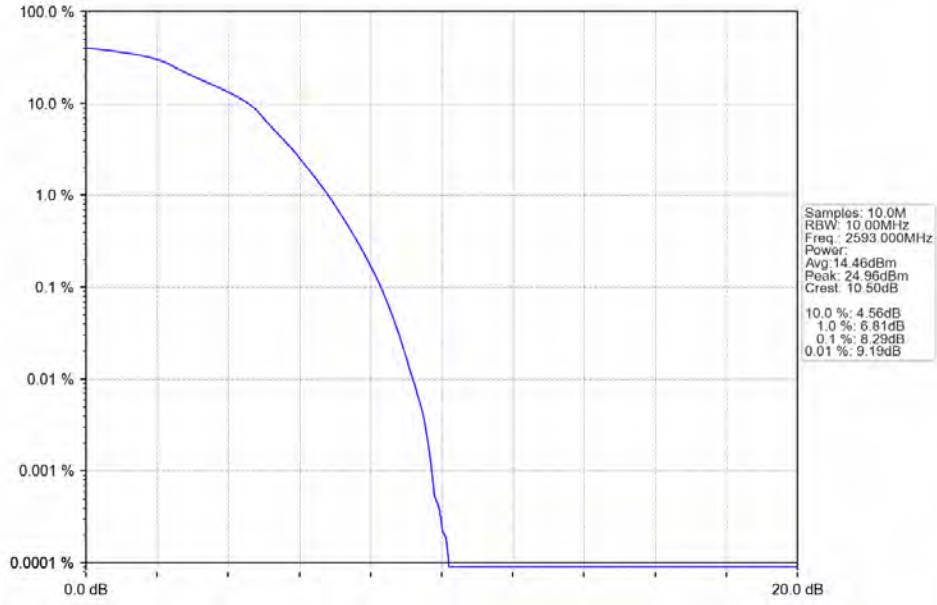
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



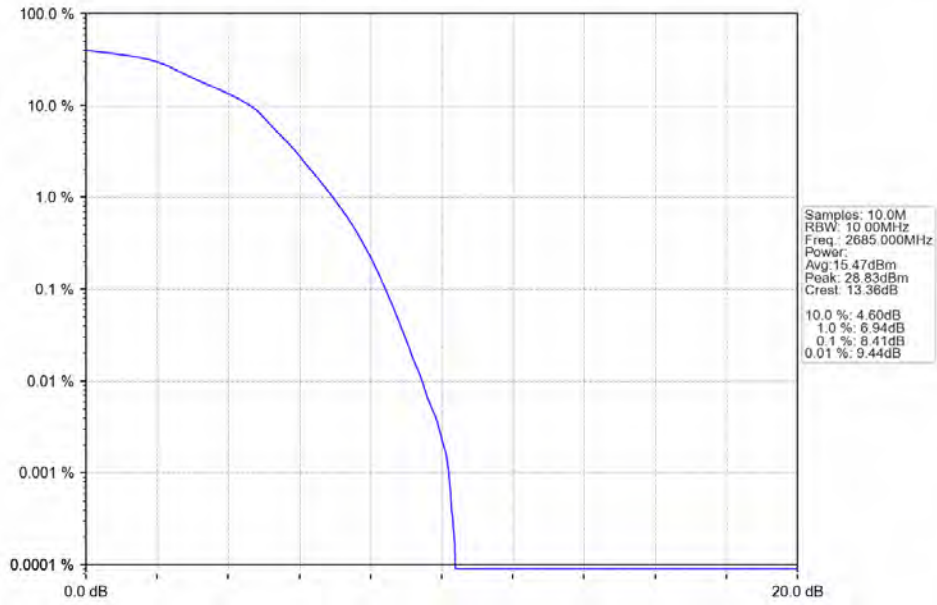
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV



Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_50\_0\_NTNV

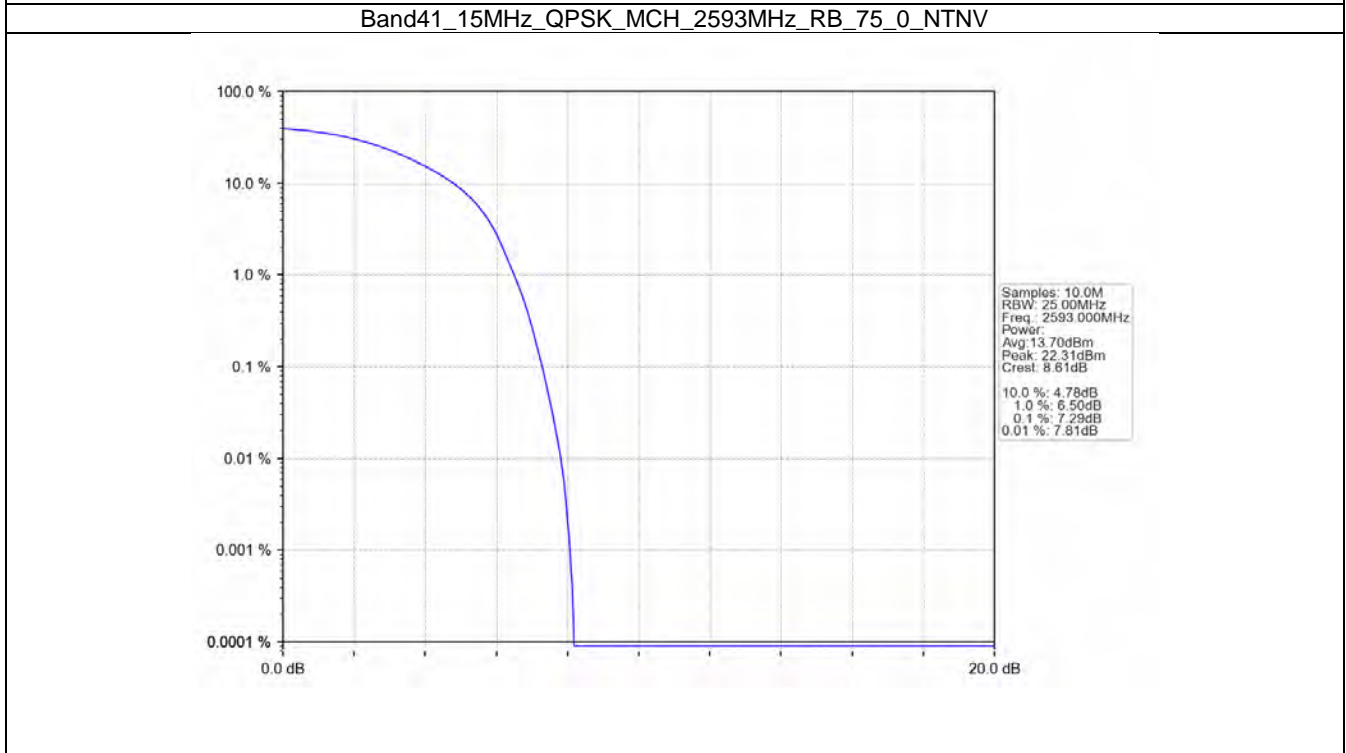
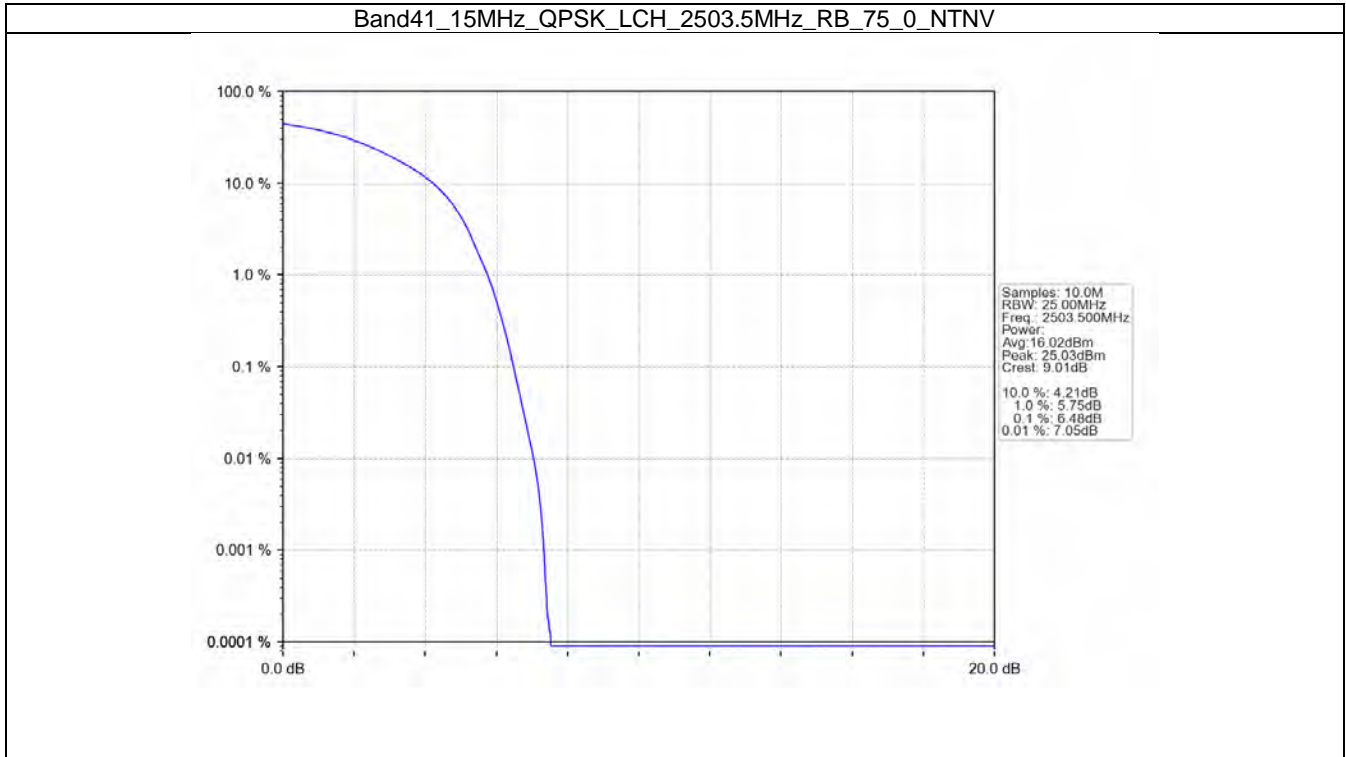


Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV

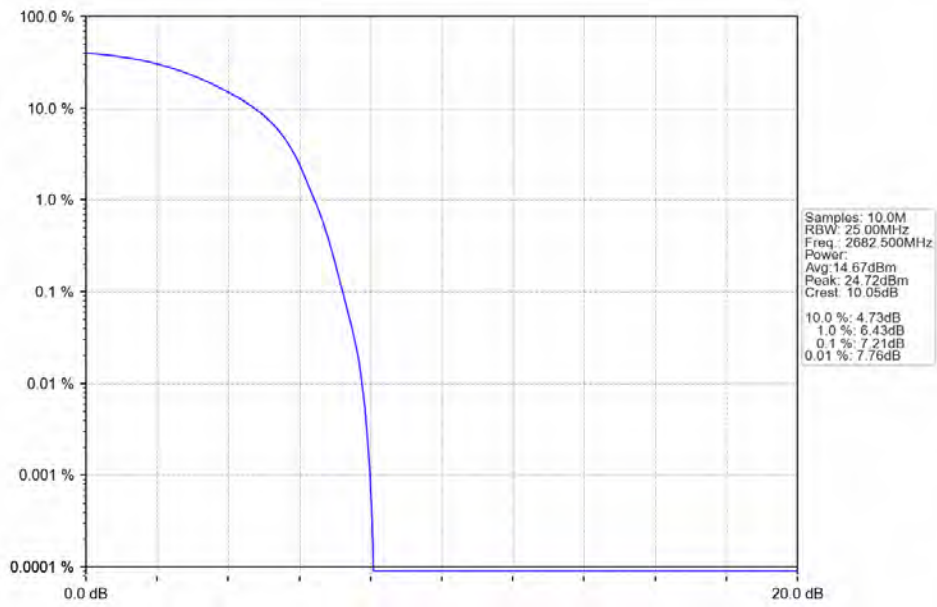




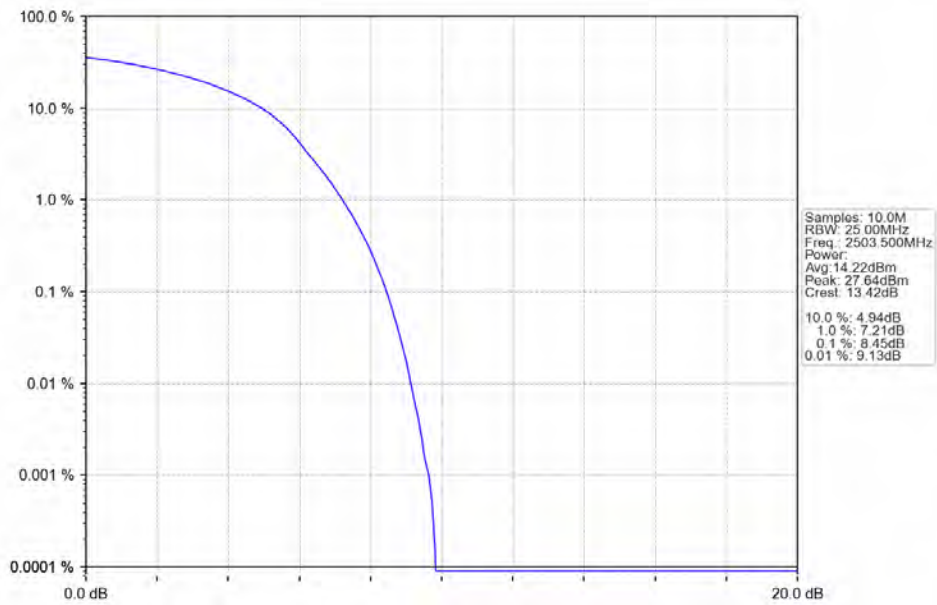
### 5.2.3 B41\_15MHz



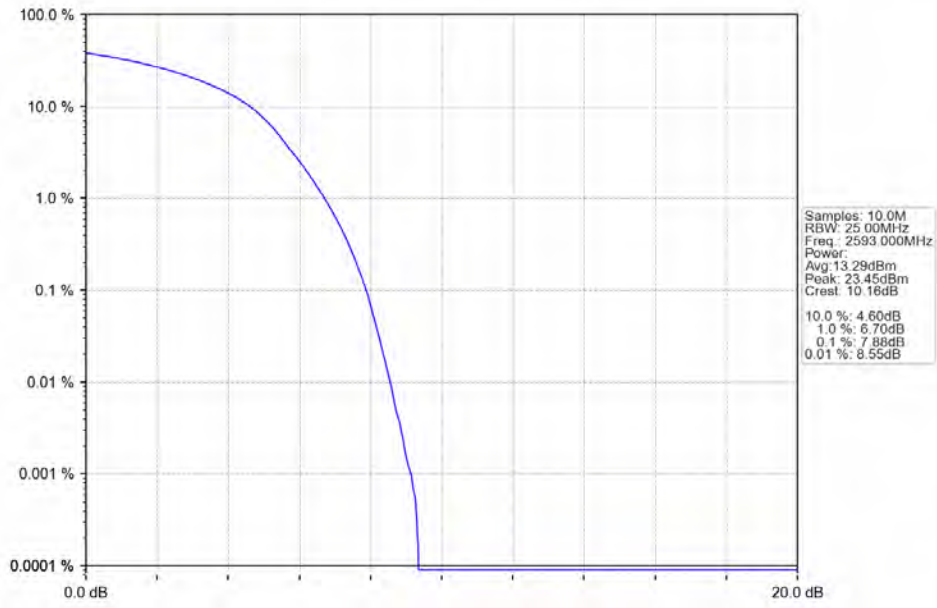
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



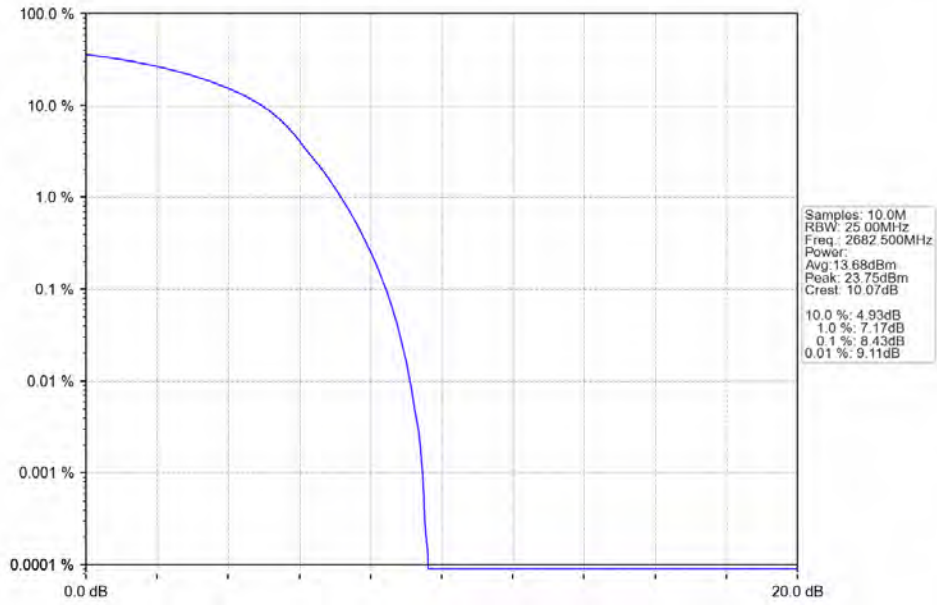
Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



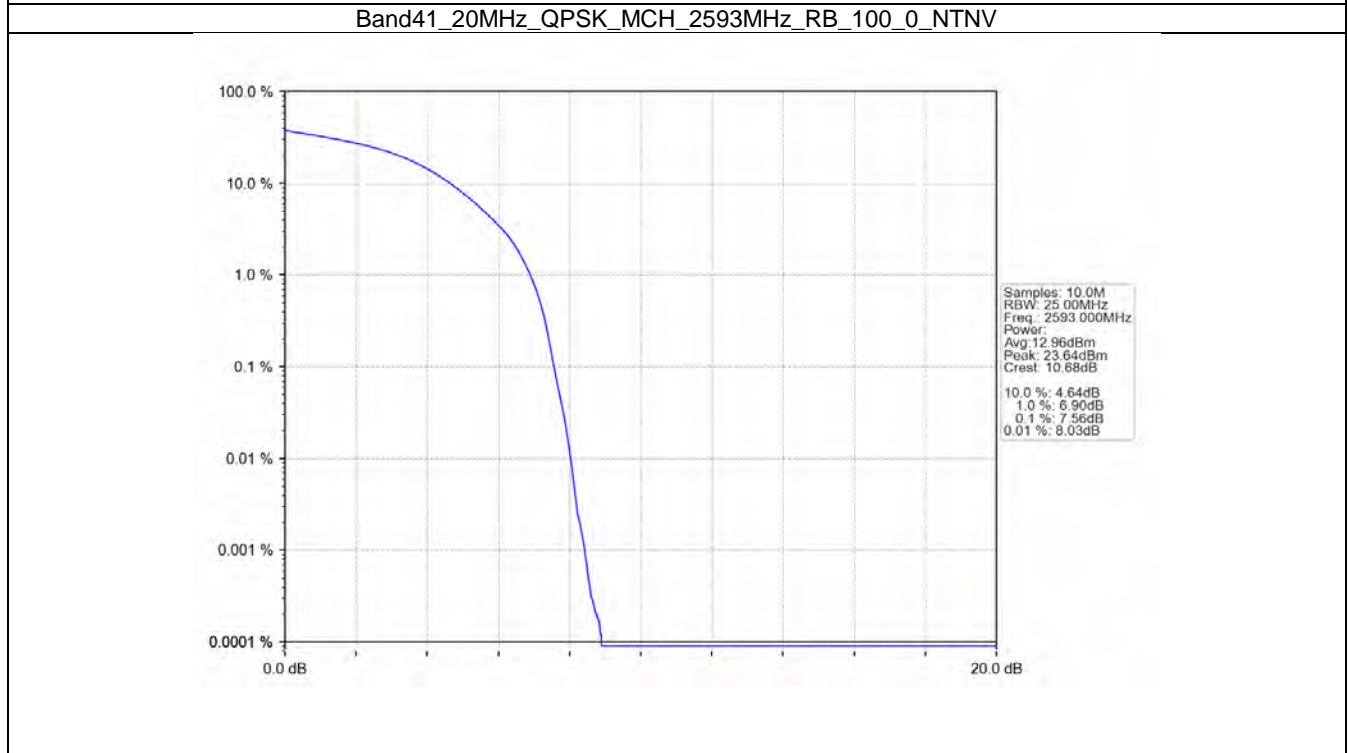
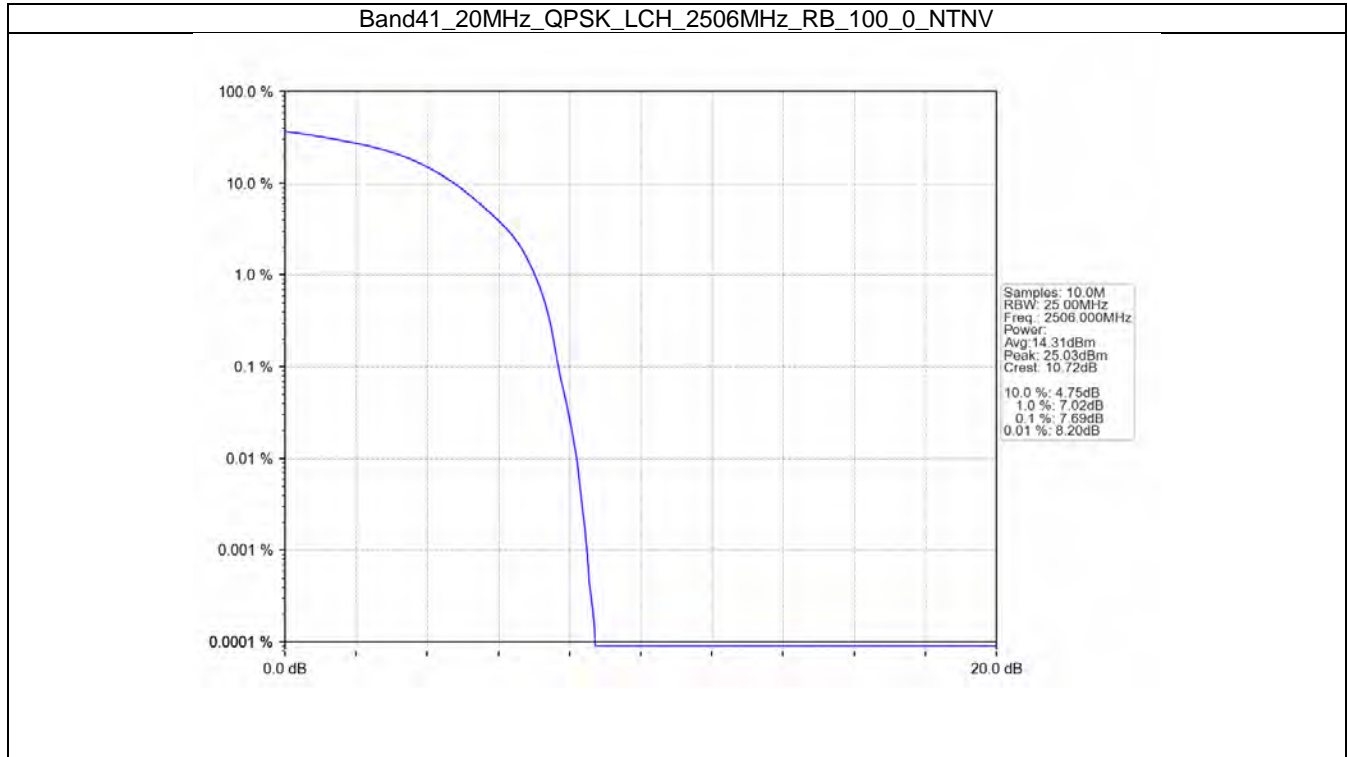
Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_75\_0\_NTNV



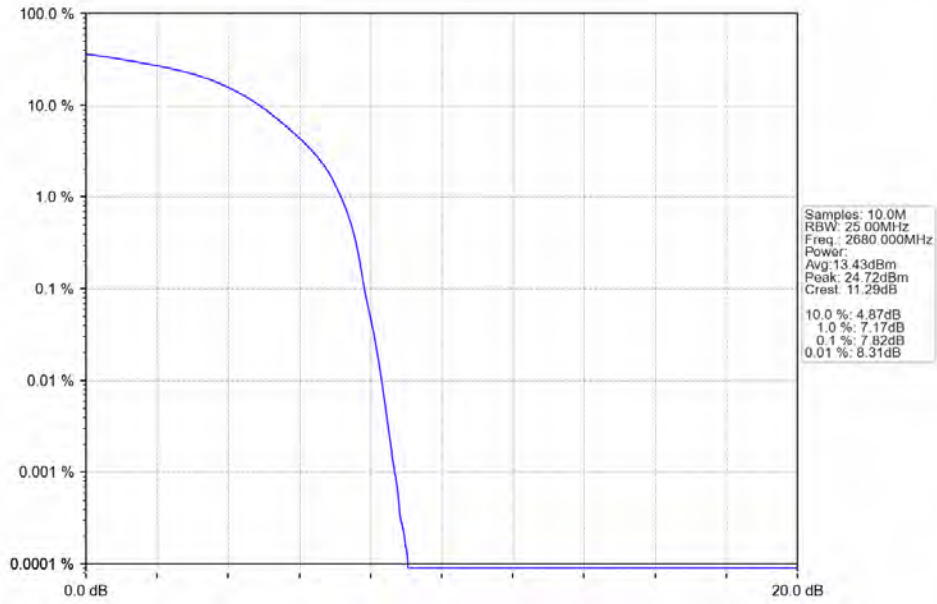
Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



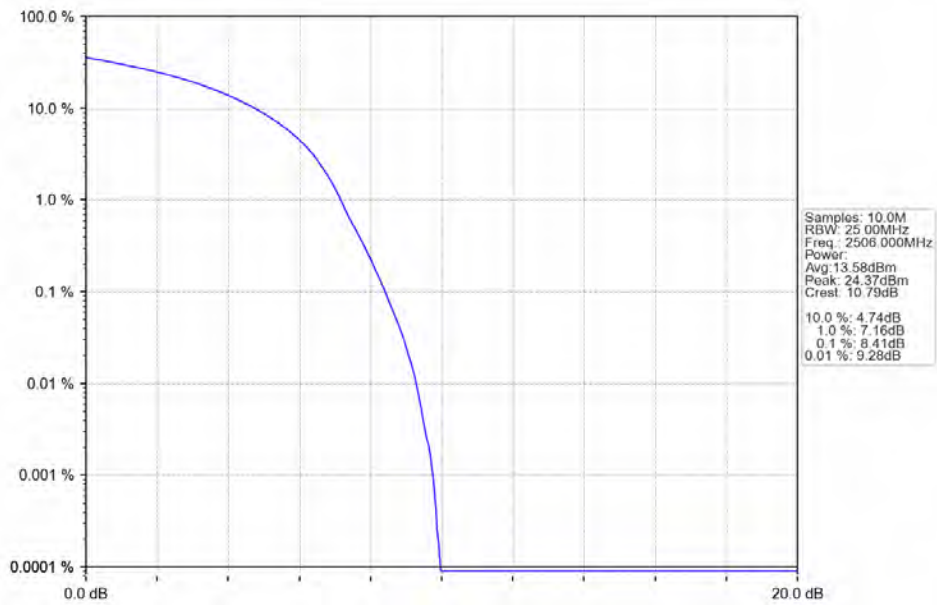
### 5.2.4 B41\_20MHz



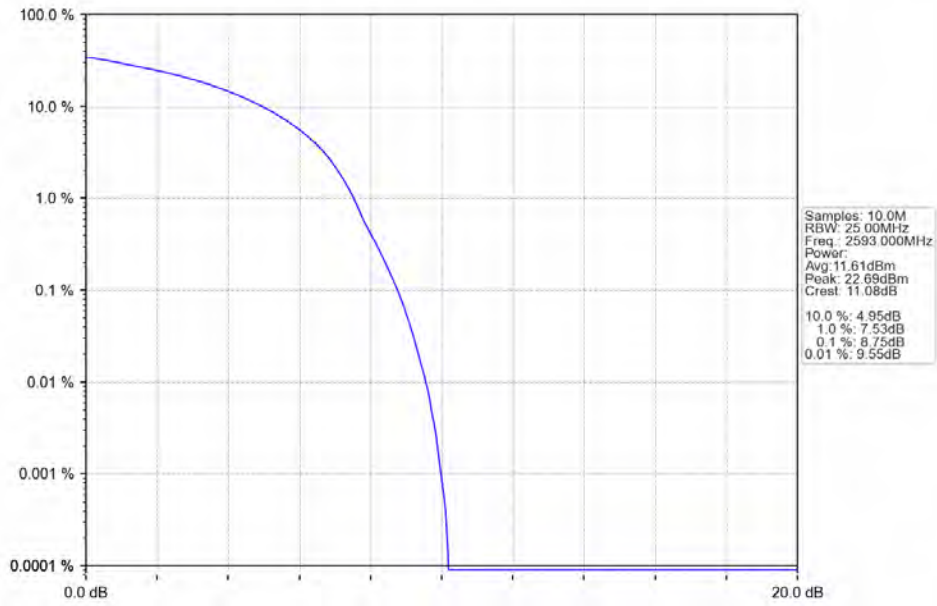
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



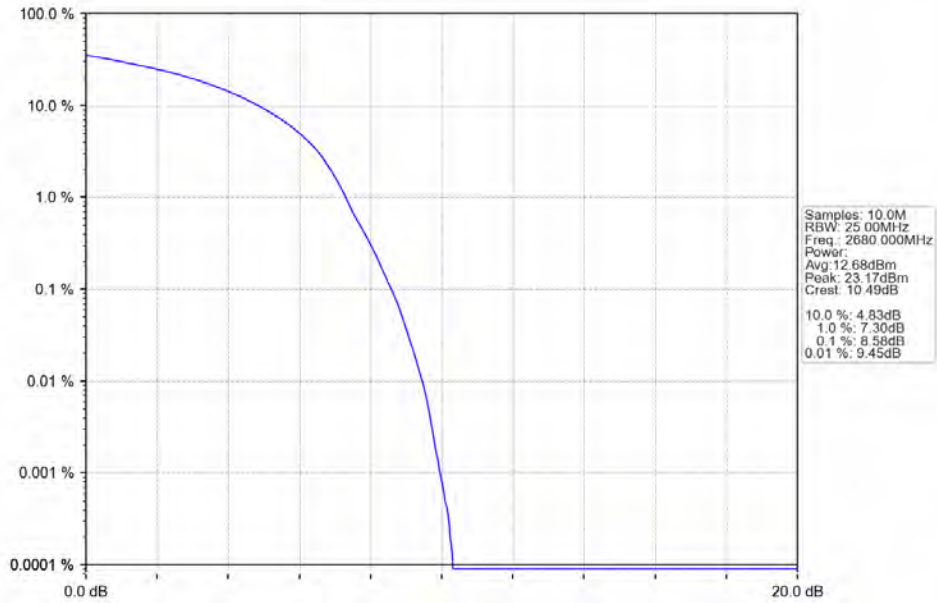
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_MCH\_2593MHz\_RB\_100\_0\_NTNV



Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



## 6. Spurious Emission

### 6.1 Test Result

#### 6.1.1 B41\_5MHz

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
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			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
			0	Refer To Test Graph		Pass

#### 6.1.2 B41\_10MHz

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
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
			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
			0	Refer To Test Graph		Pass

#### 6.1.3 B41\_15MHz

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		Pass
		75	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
			0	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

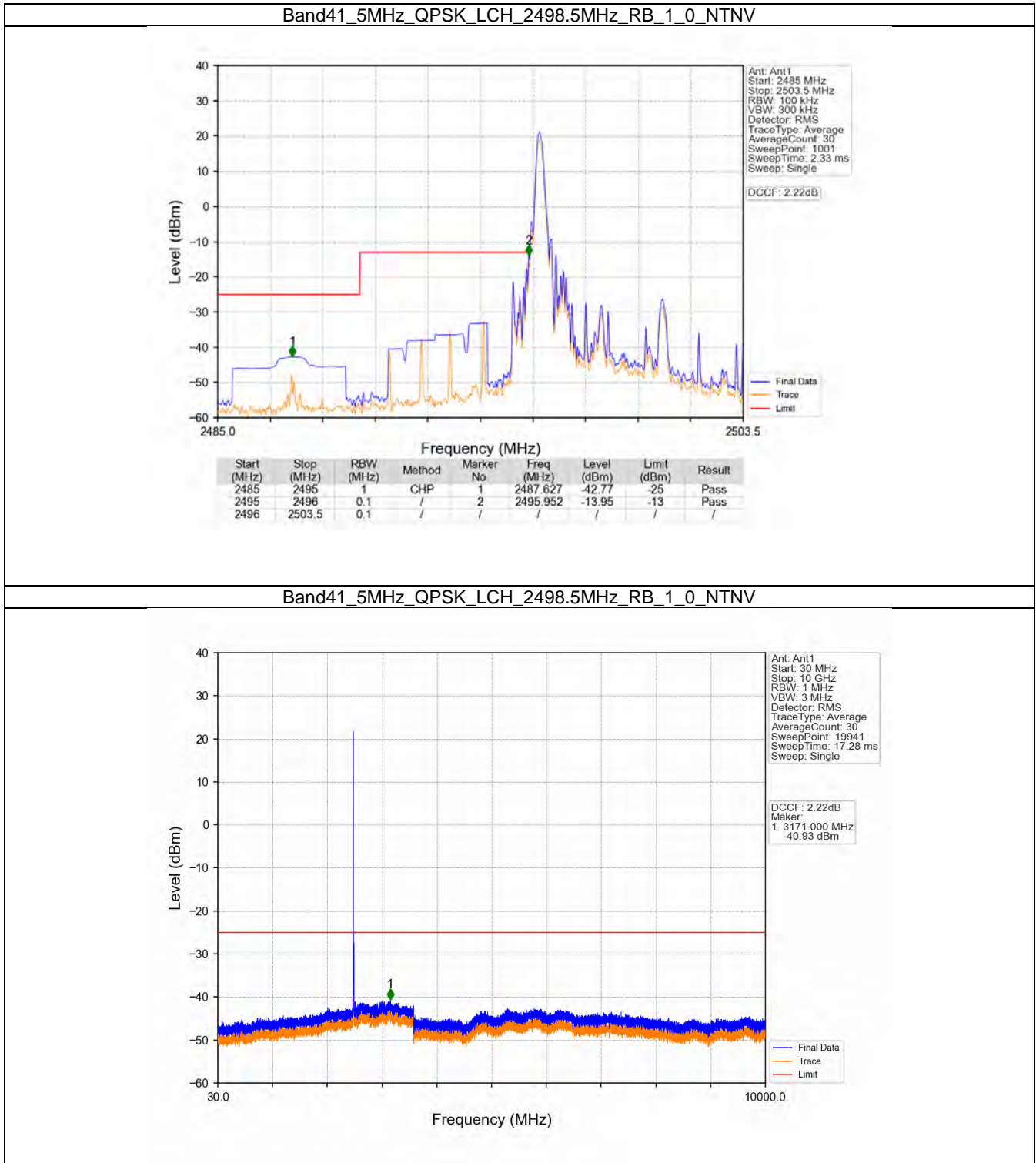
#### 6.1.4 B41\_20MHz

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	

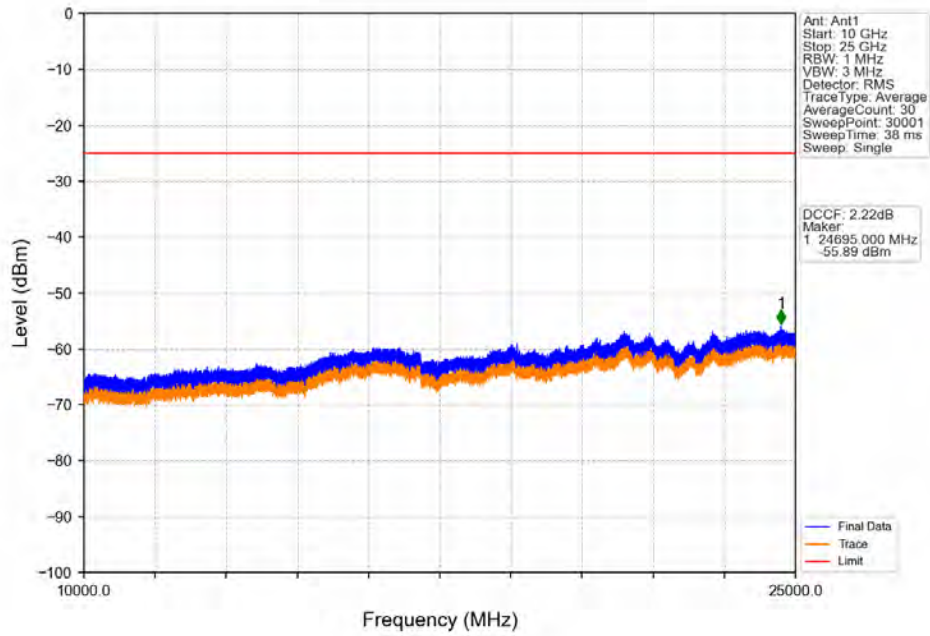


## 6.2 Test Graph

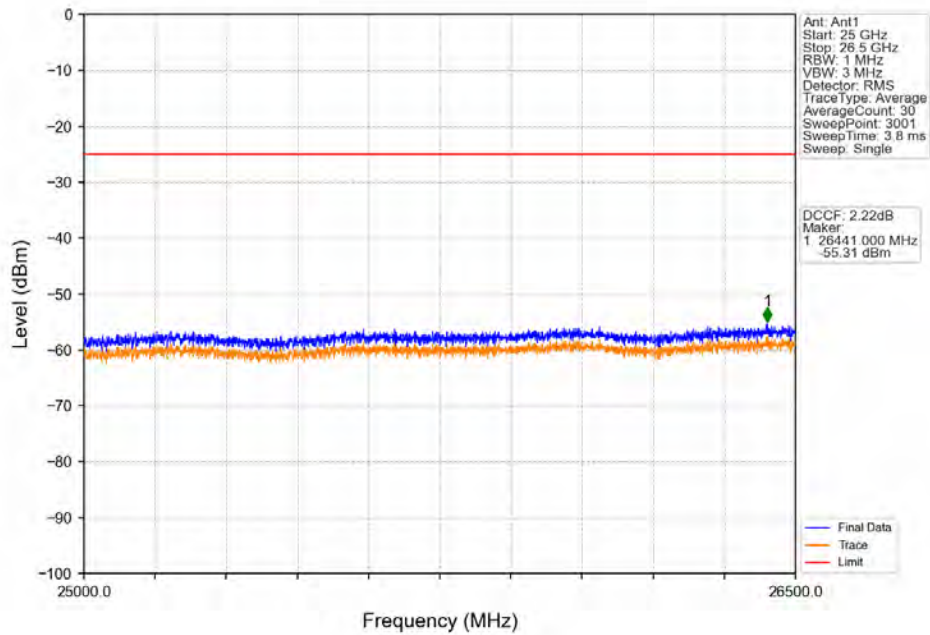
### 6.2.1 B41\_5MHz



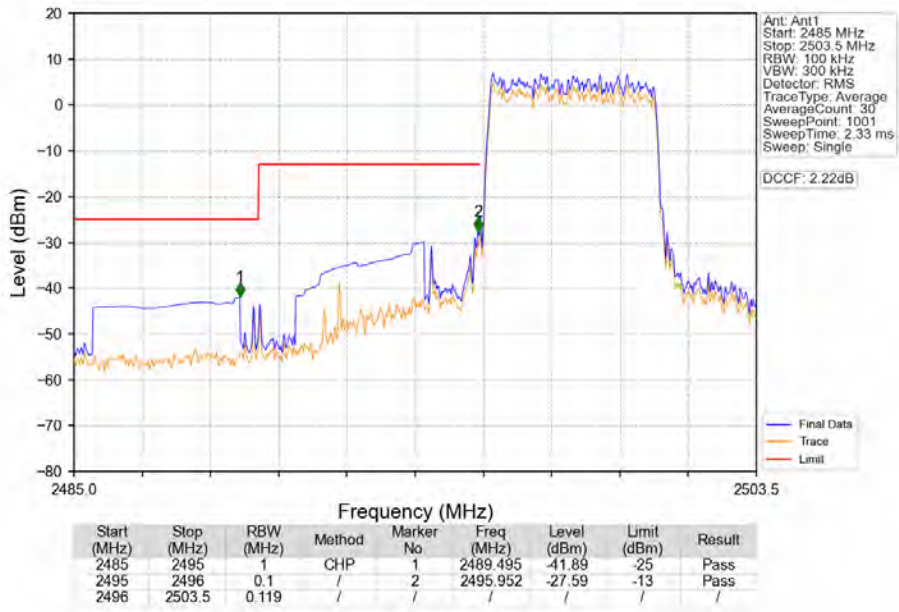
Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



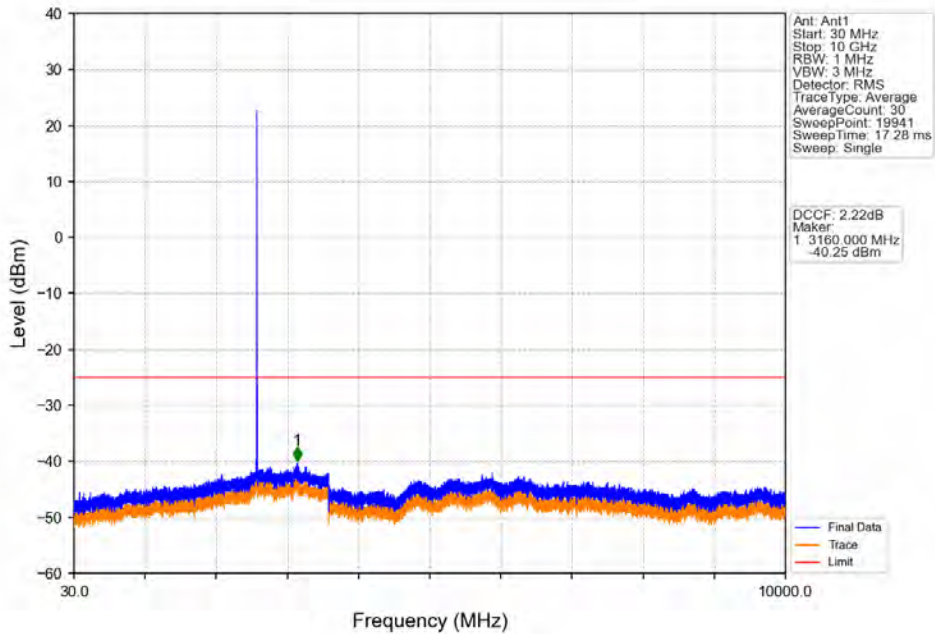
Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



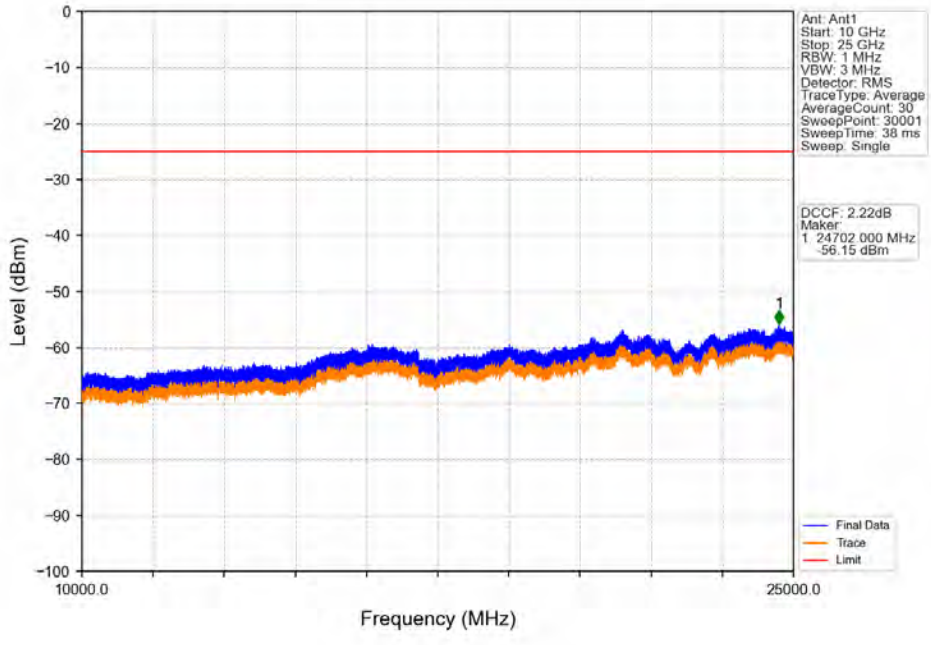
Band41\_5MHz\_QPSK\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV



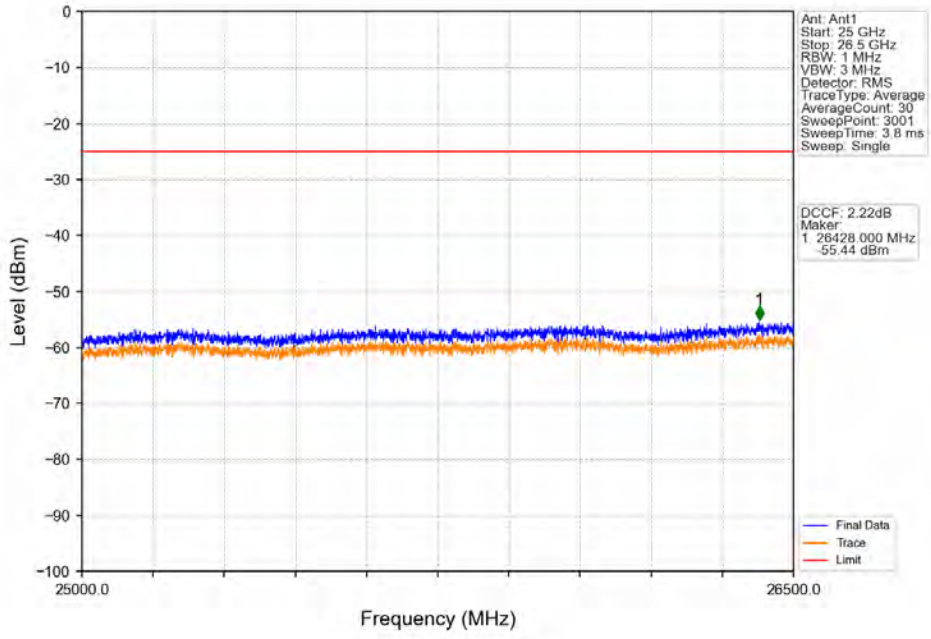
Band41\_5MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



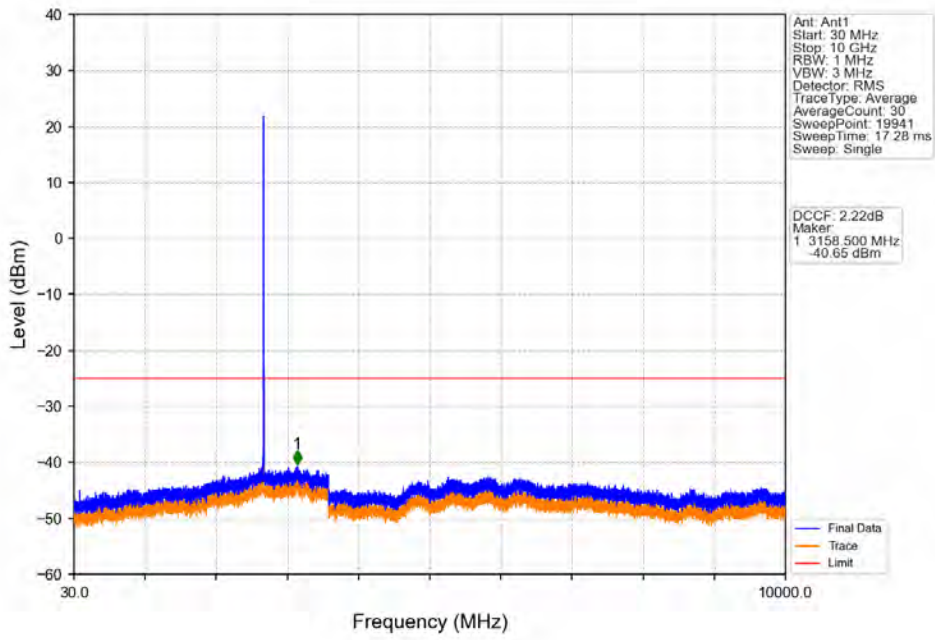
Band41\_5MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



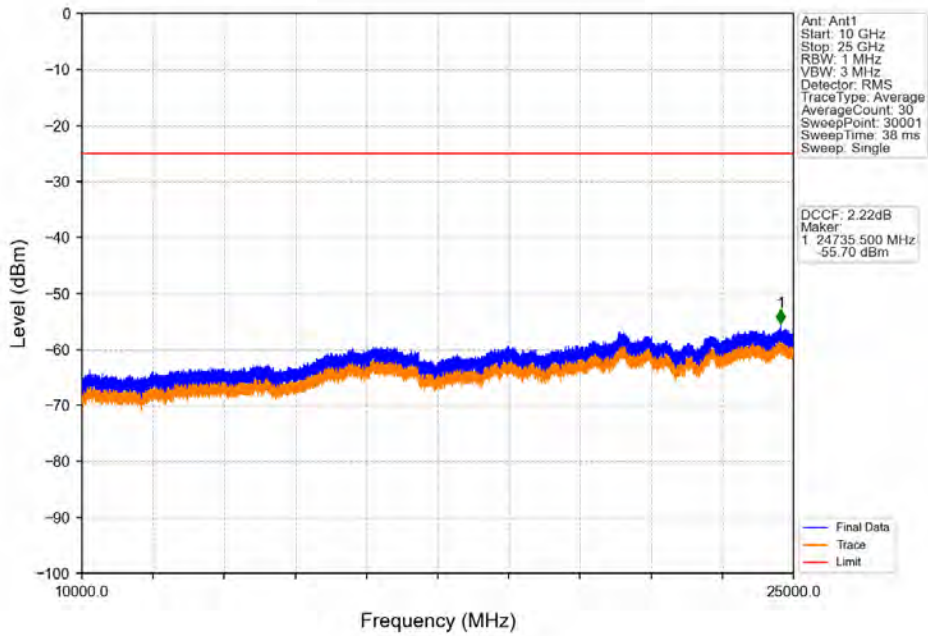
Band41\_5MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



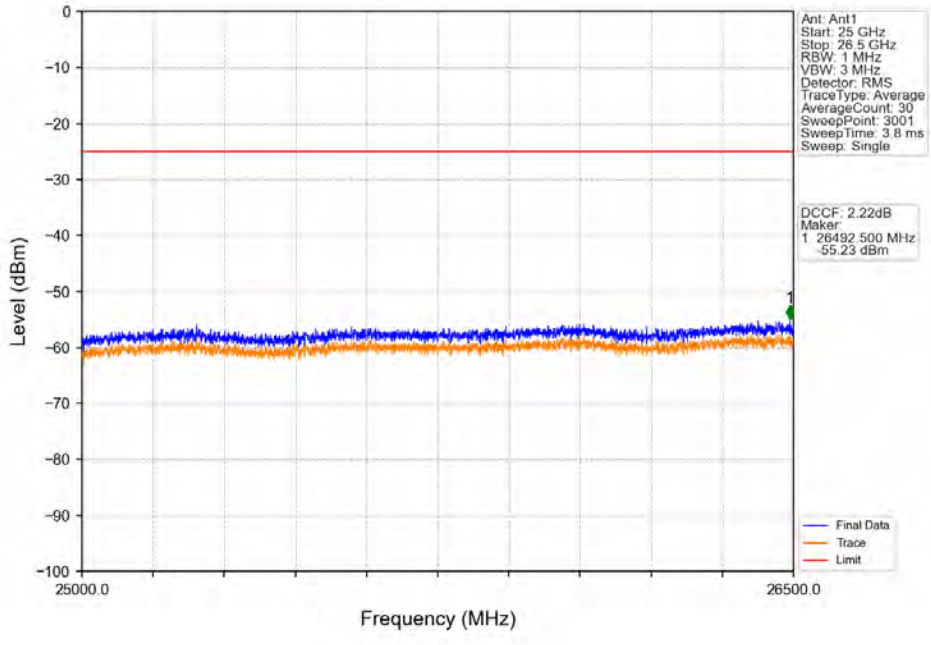
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



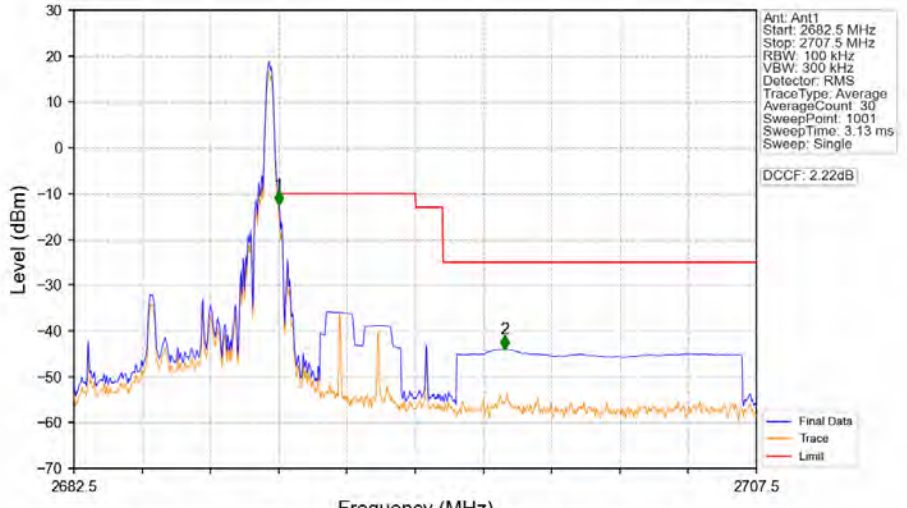
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV

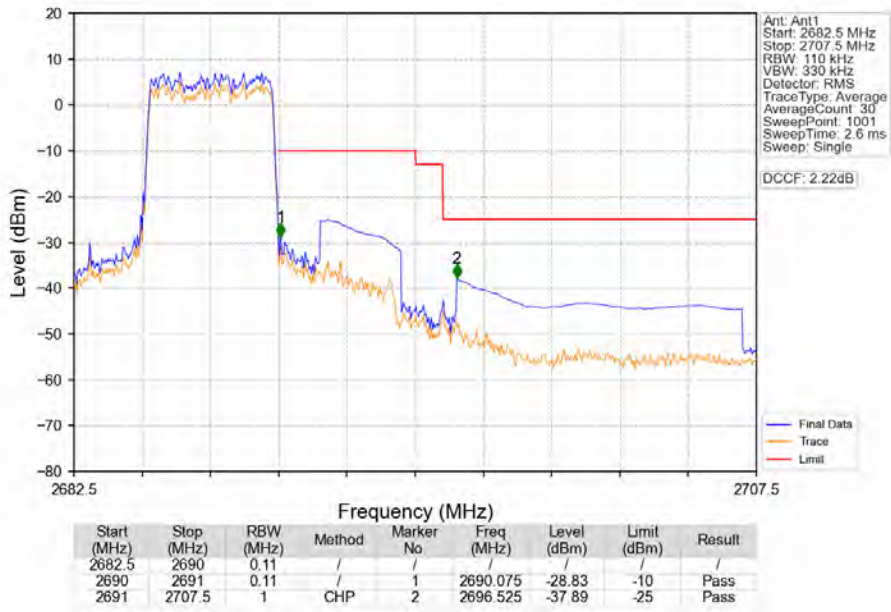


Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_1\_24\_NTNV

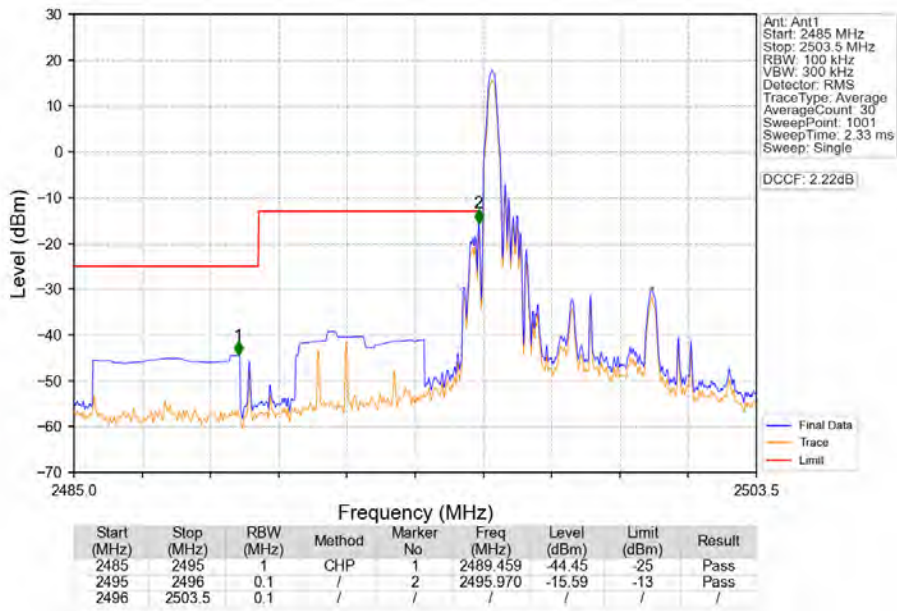


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	1	2690.000	-12.54	-10	Pass
2691	2707.5	1	CHP	2	2698.275	-43.98	-25	Pass

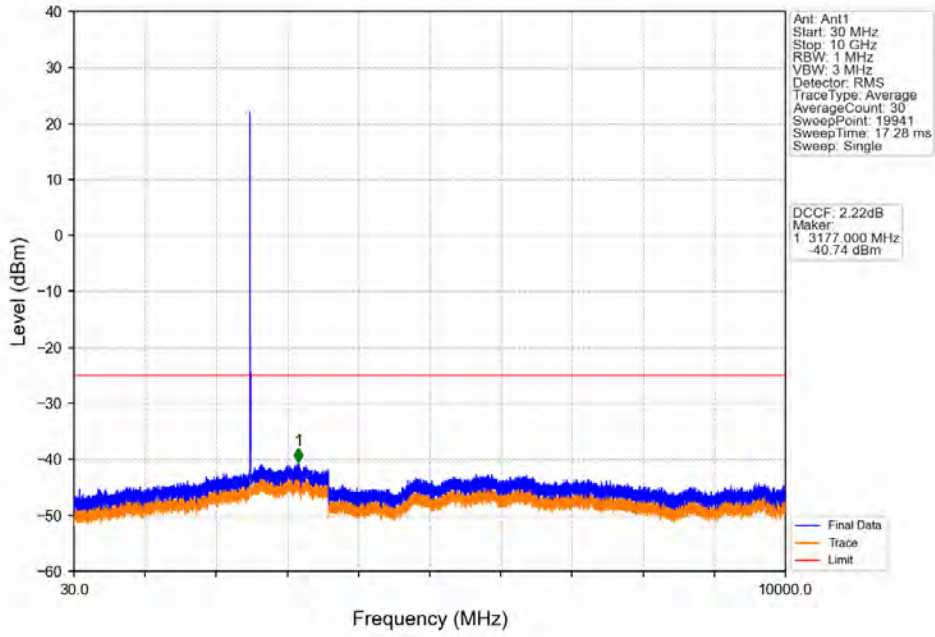
Band41\_5MHz\_QPSK\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



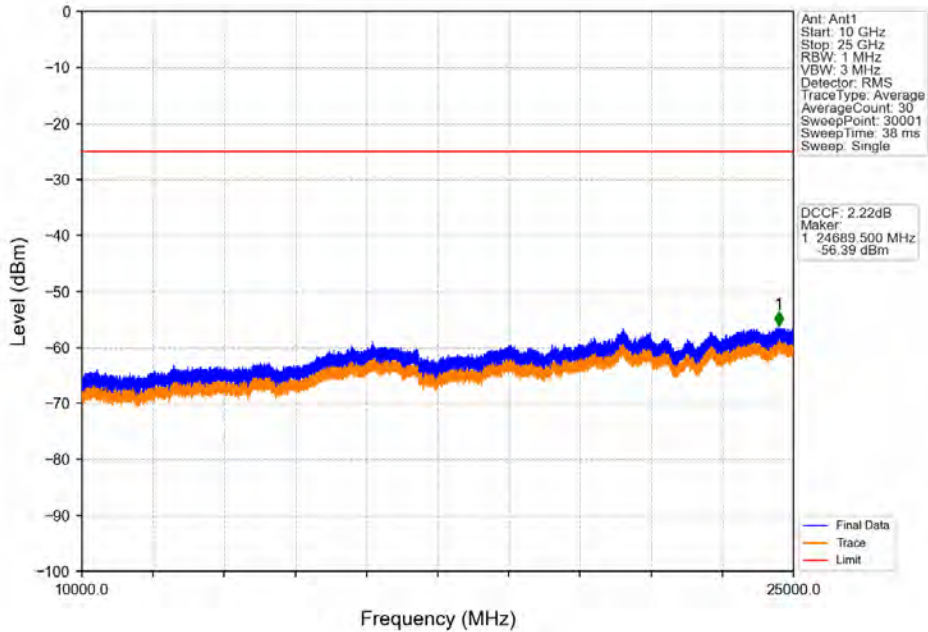
Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV



Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV

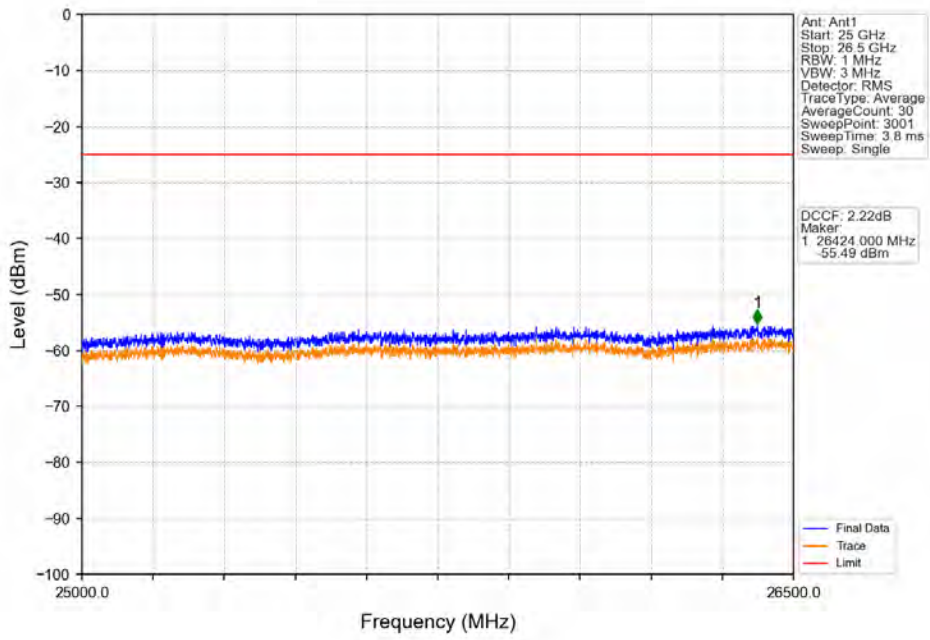


Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV

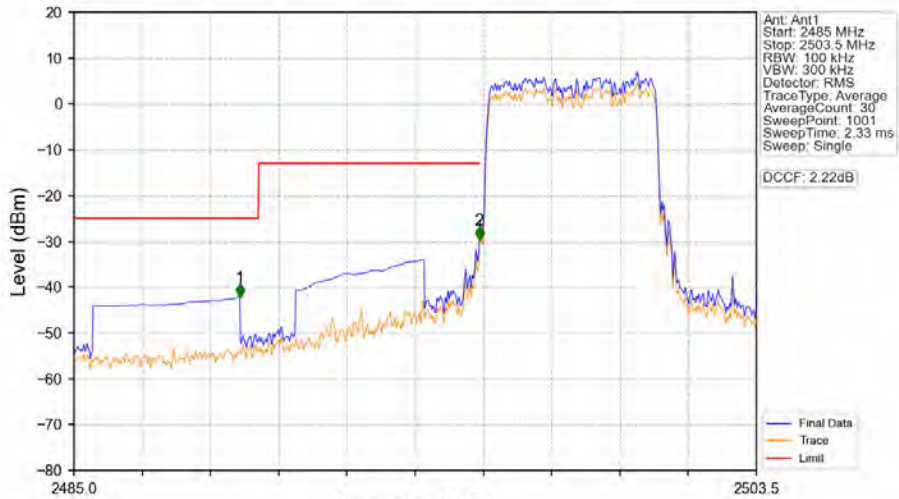




Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_1\_0\_NTNV

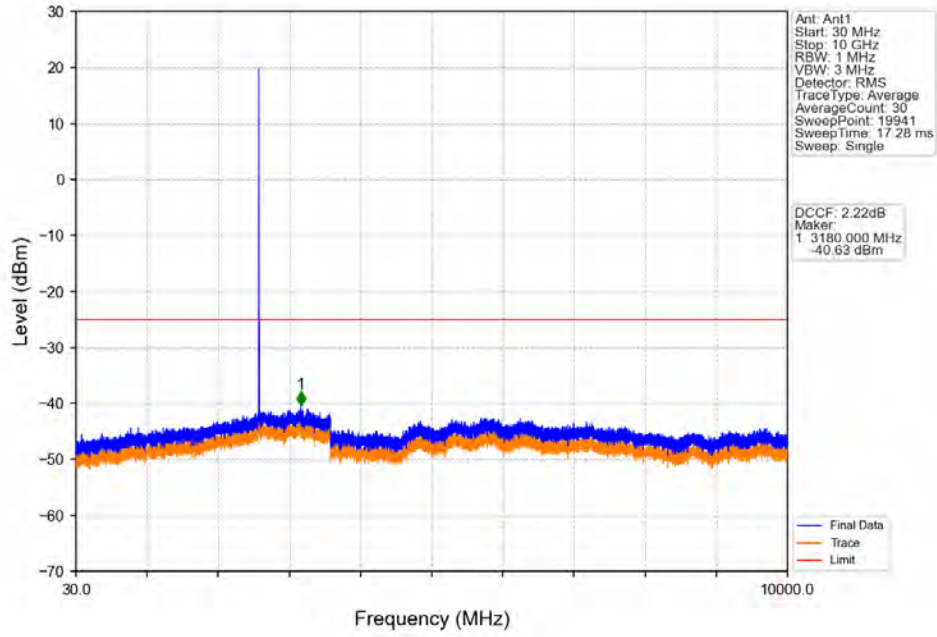


Band41\_5MHz\_16QAM\_LCH\_2498.5MHz\_RB\_25\_0\_NTNV

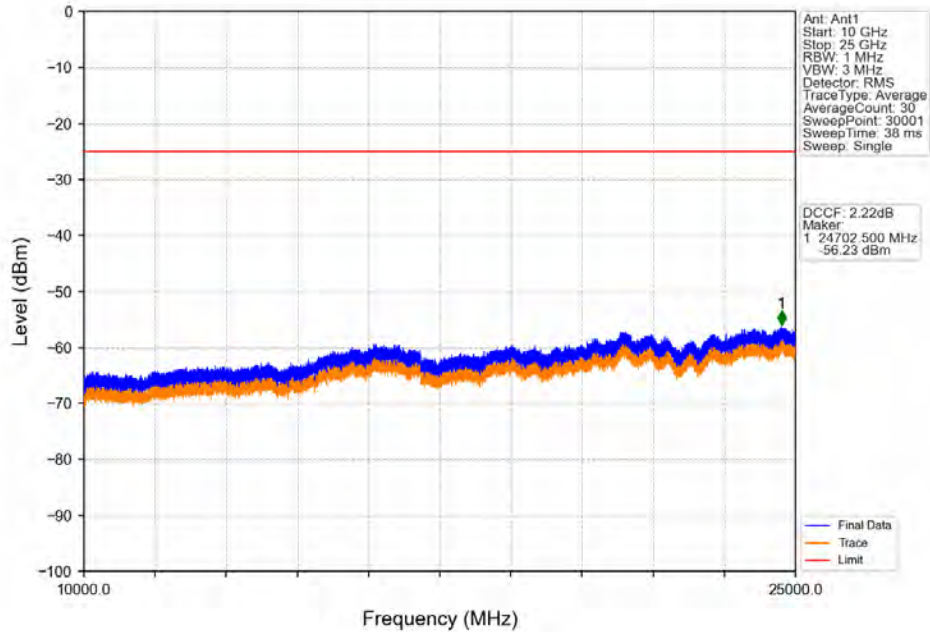


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2489.495	-42.29	-25	Pass
2495	2496	0.1	/	2	2495.989	-29.73	-13	Pass
2496	2503.5	0.112	/	/	/	/	/	/

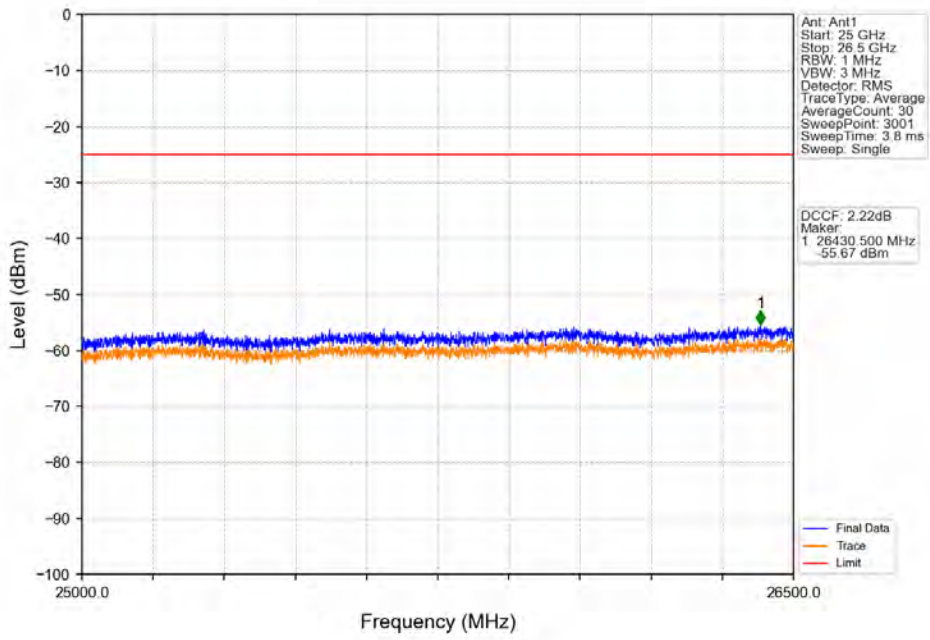
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



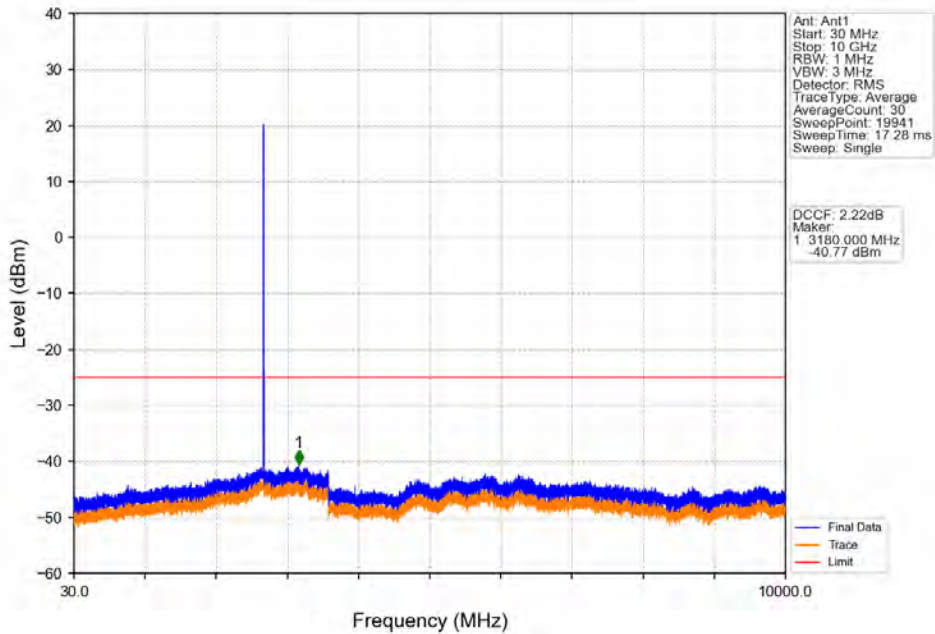
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



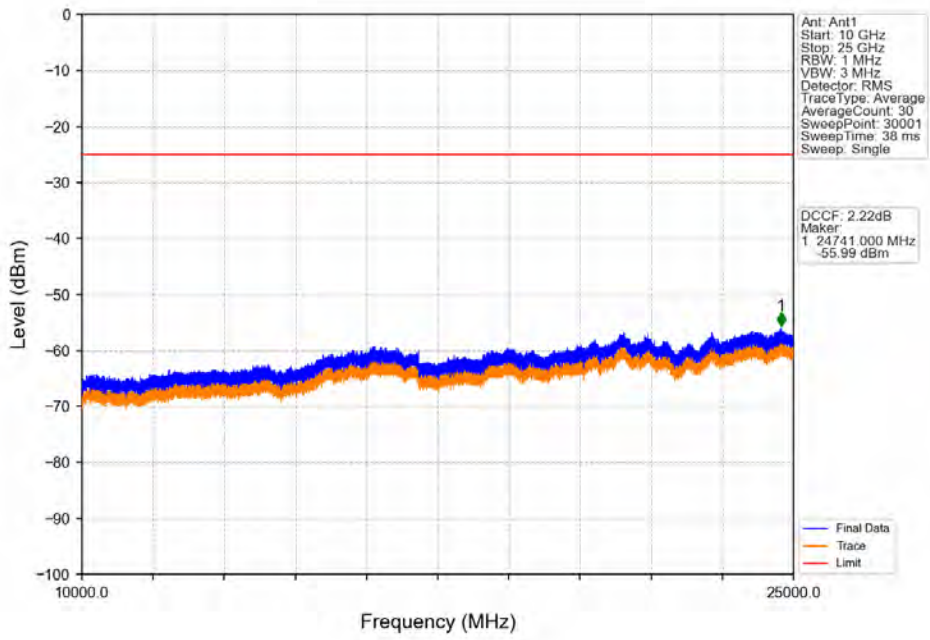
Band41\_5MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



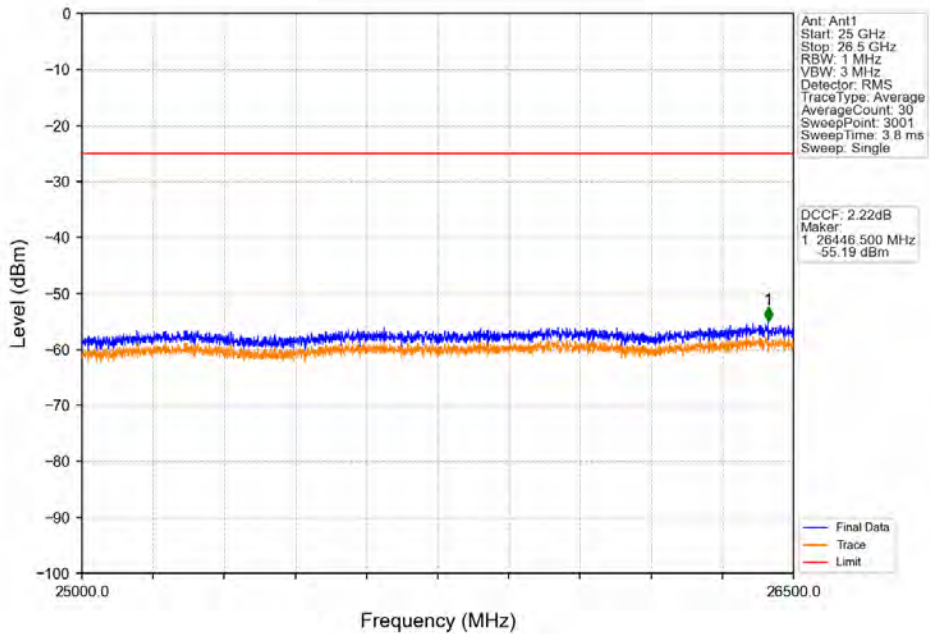
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



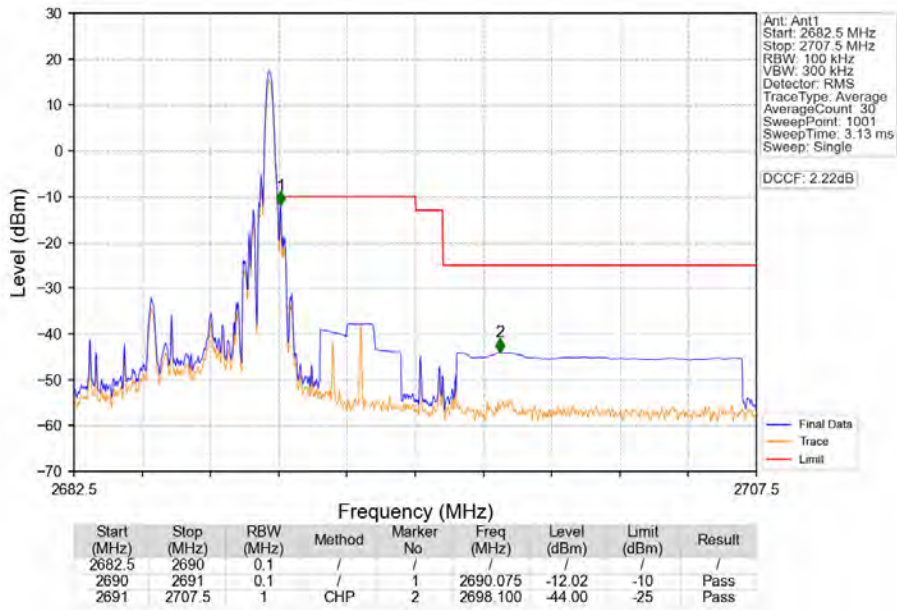
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



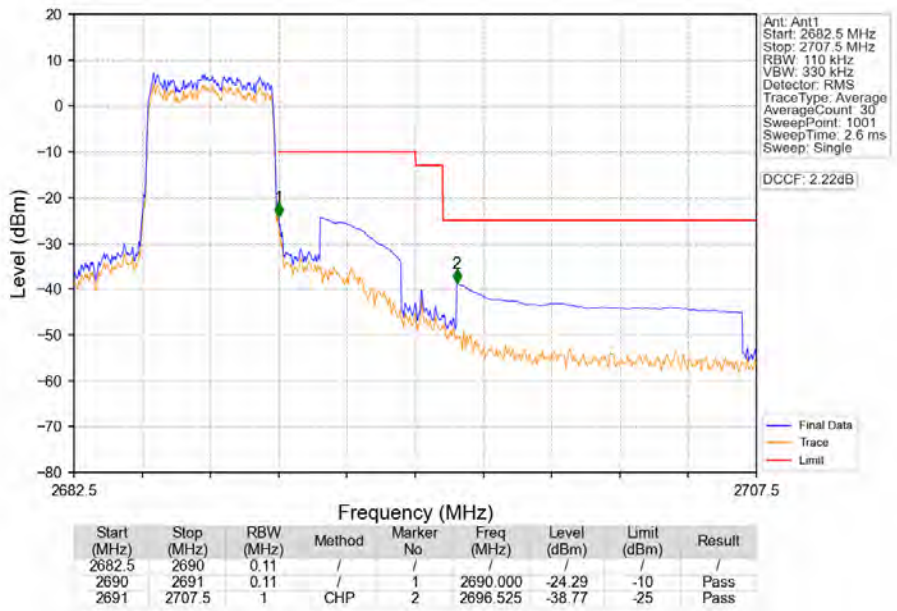
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_1\_0\_NTNV



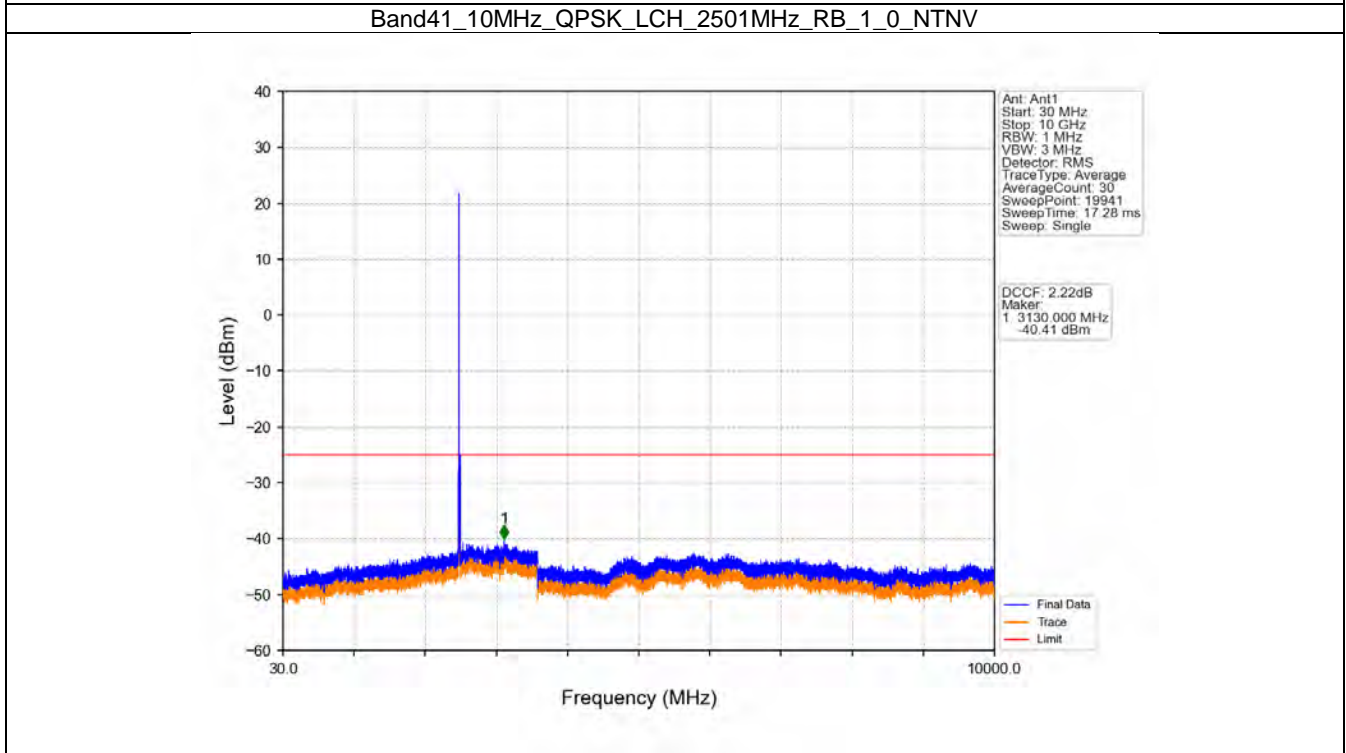
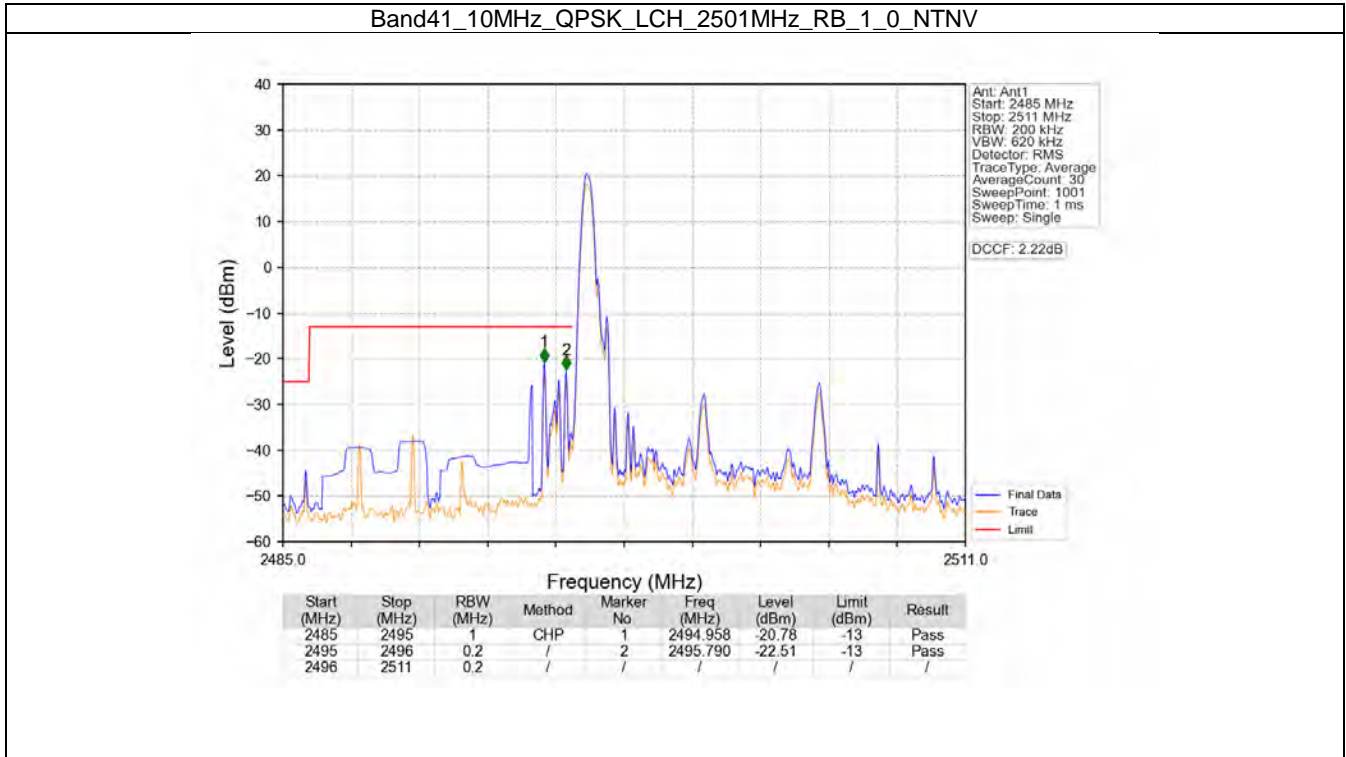
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_1\_24\_NTNV



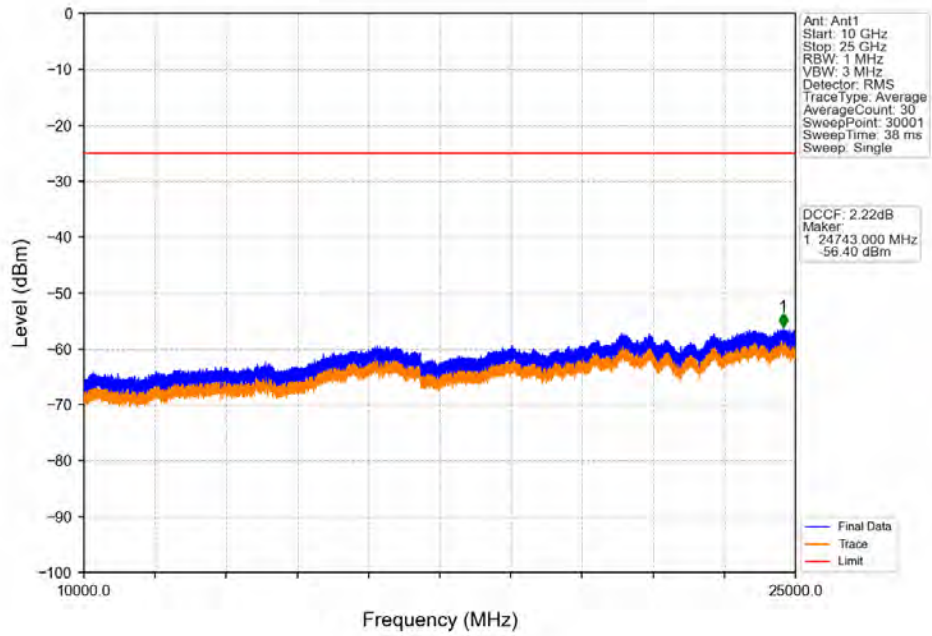
Band41\_5MHz\_16QAM\_HCH\_2687.5MHz\_RB\_25\_0\_NTNV



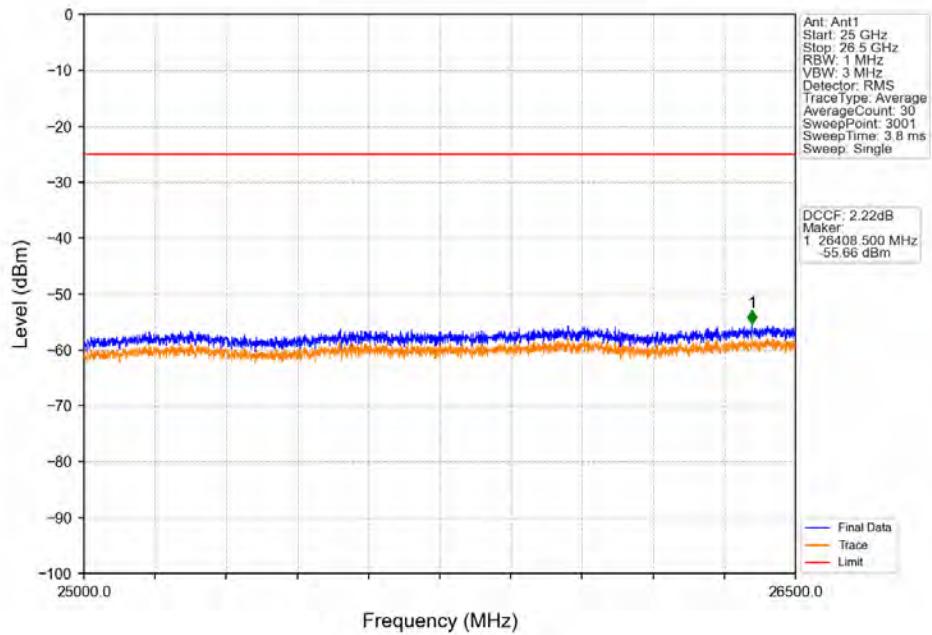
### 6.2.2 B41\_10MHz



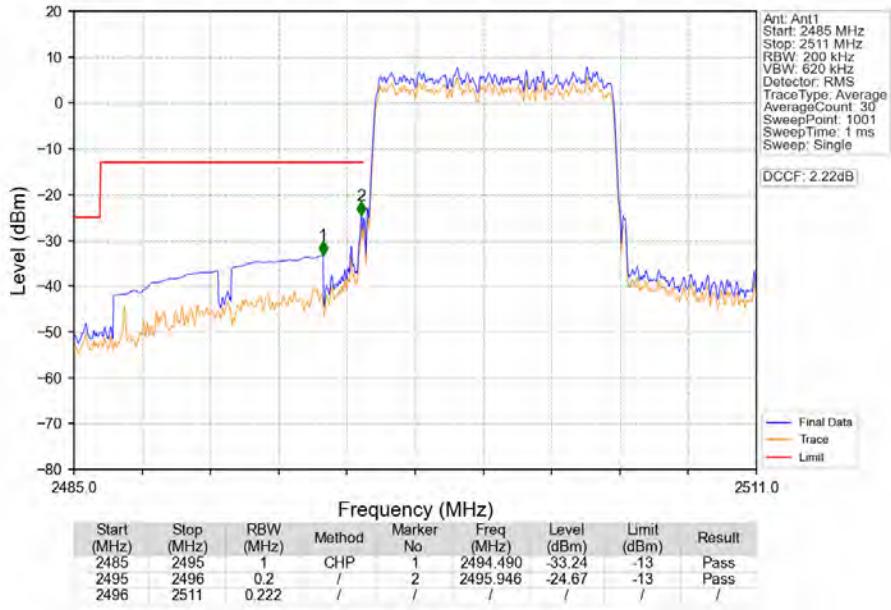
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_1\_0\_NTNV



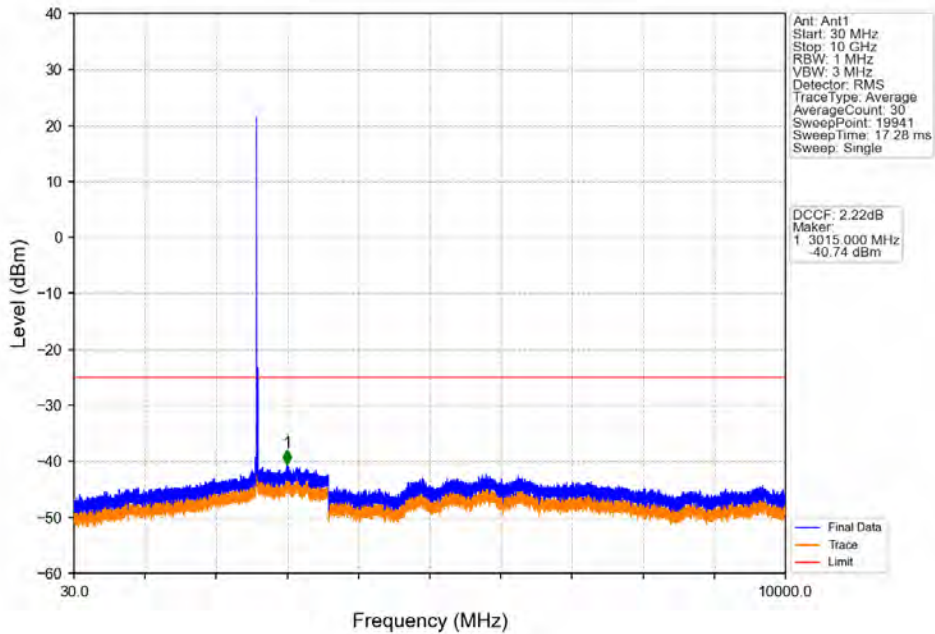
Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_1\_0\_NTNV



Band41\_10MHz\_QPSK\_LCH\_2501MHz\_RB\_50\_0\_NTNV

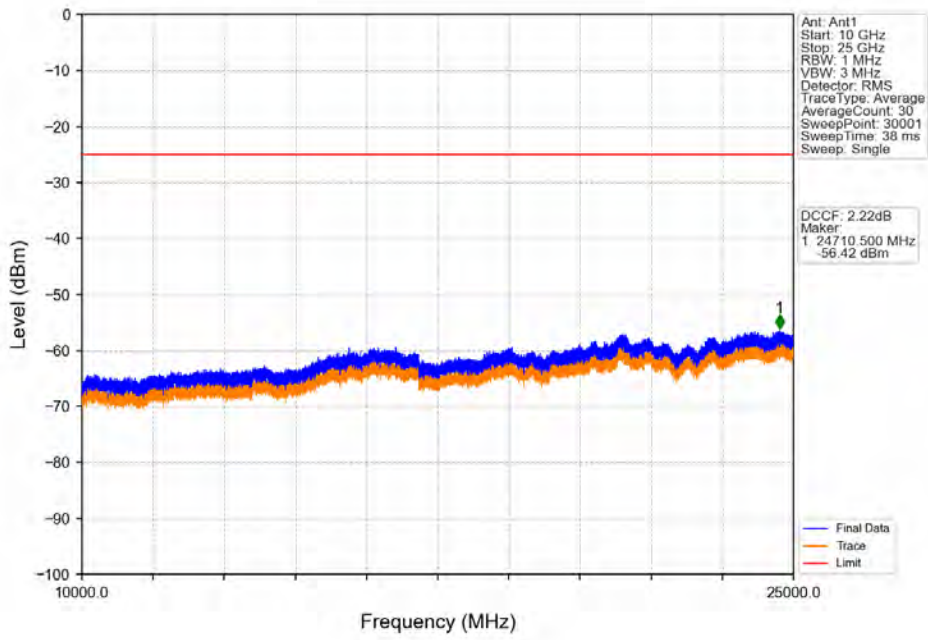


Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV

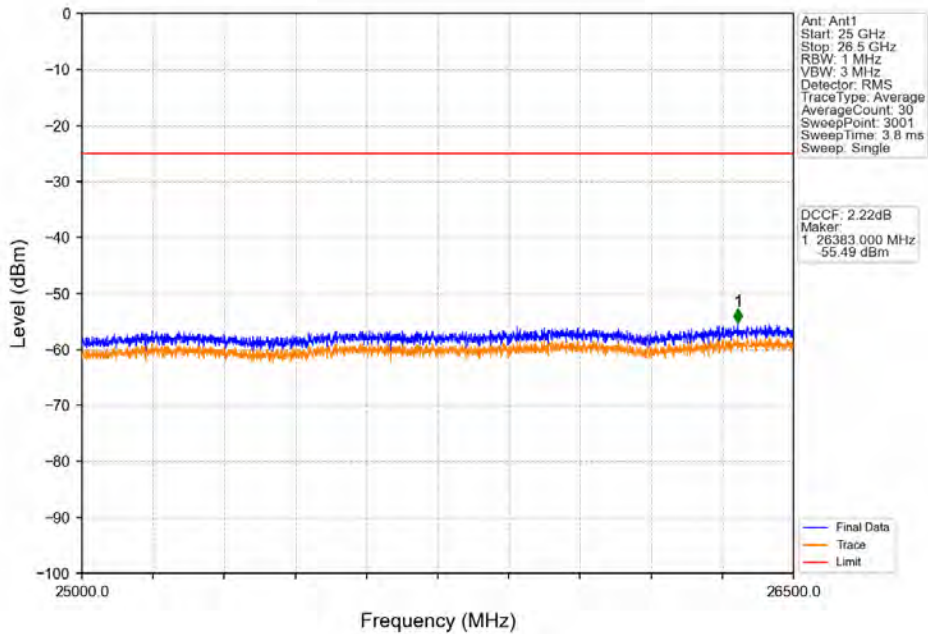




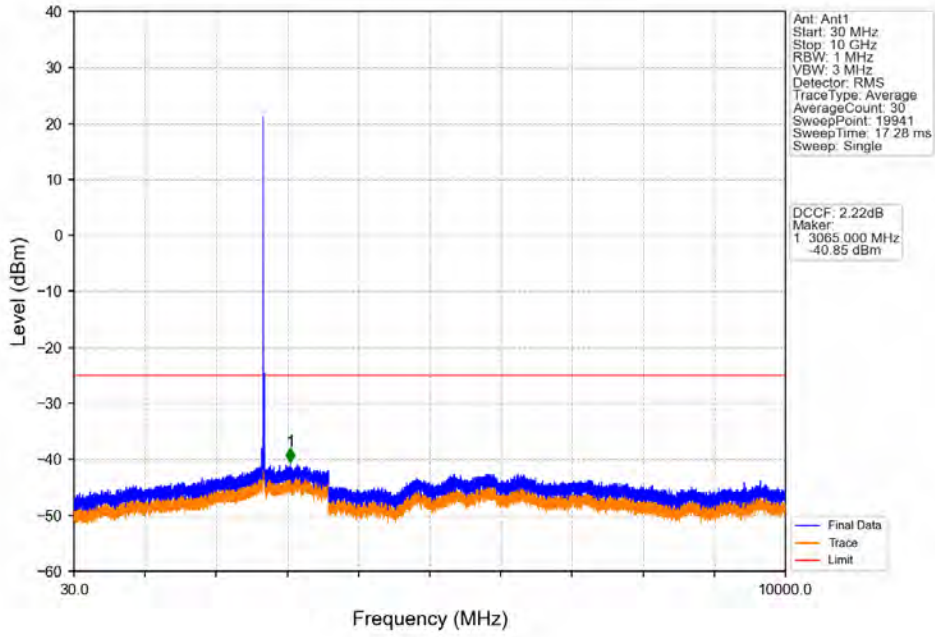
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



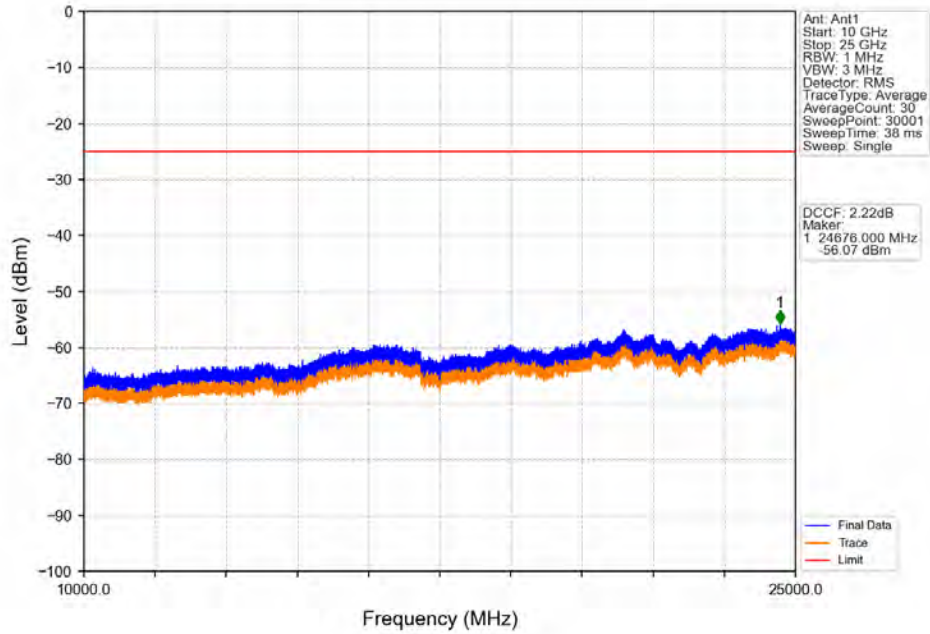
Band41\_10MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



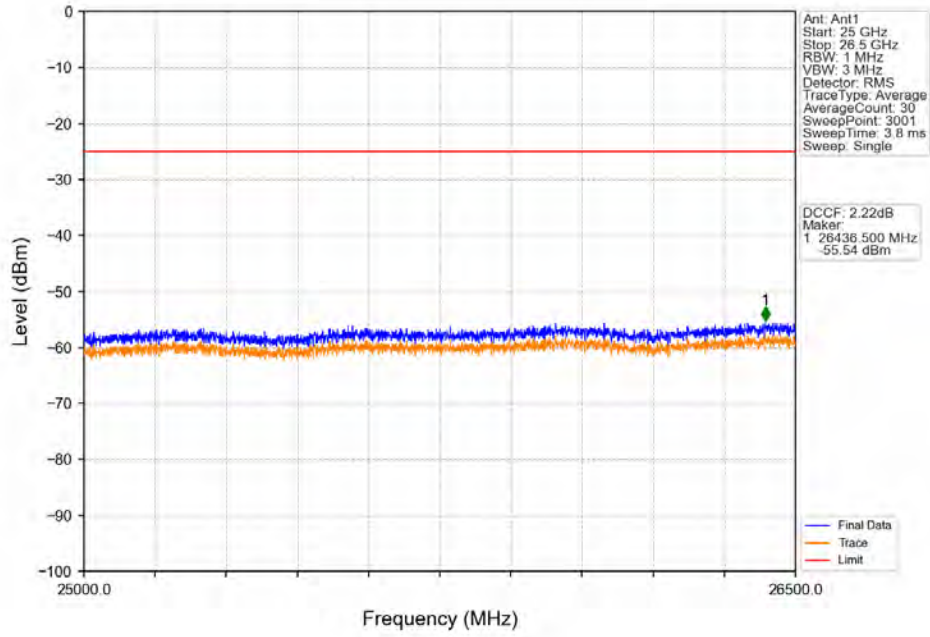
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_1\_0\_NTNV



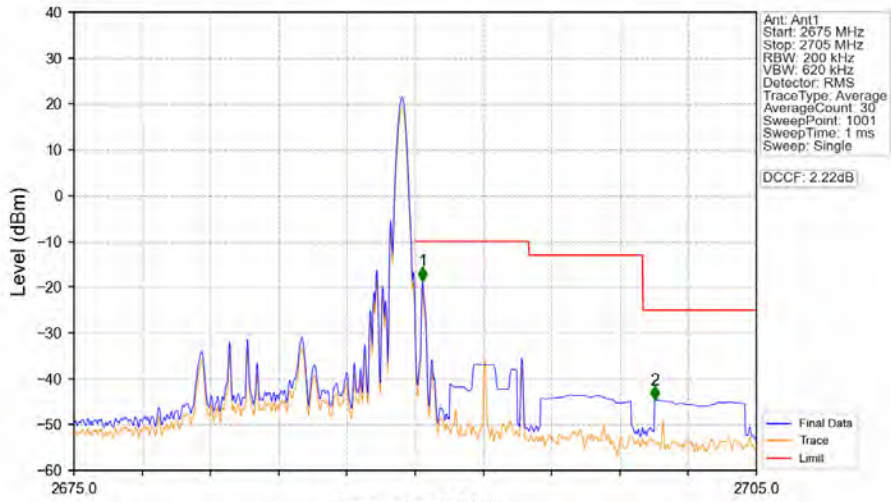
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_1\_0\_NTNV



Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_1\_0\_NTNV

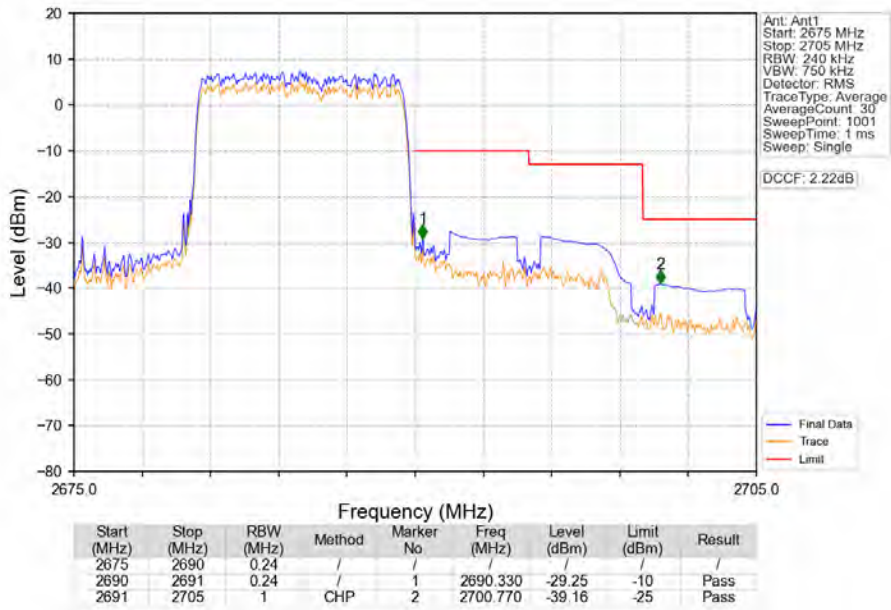


Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_1\_49\_NTNV

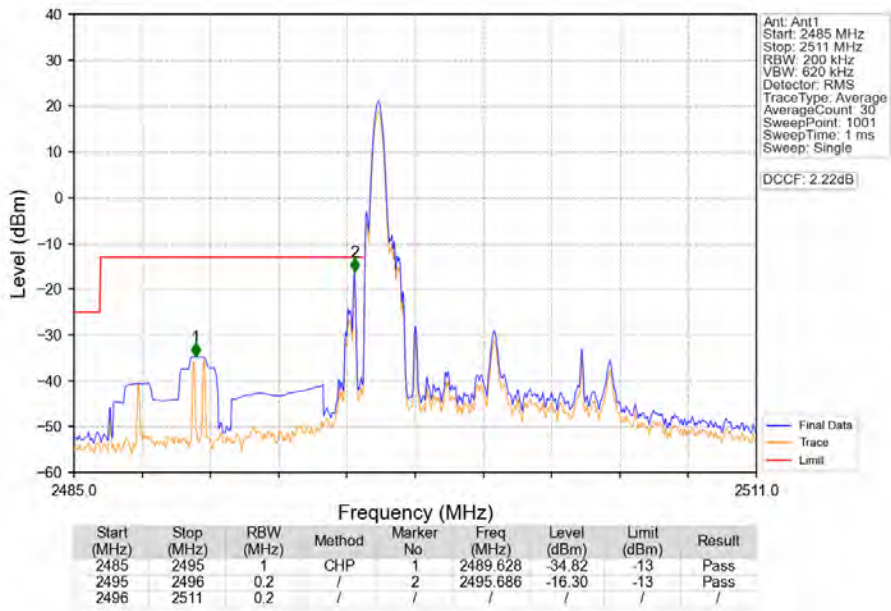


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	/	1	2690.330	-18.65	-10	Pass
2690	2691	0.2	/	1	2690.330	-18.65	-10	Pass
2691	2705	1	CHP	2	2700.530	-44.62	-25	Pass

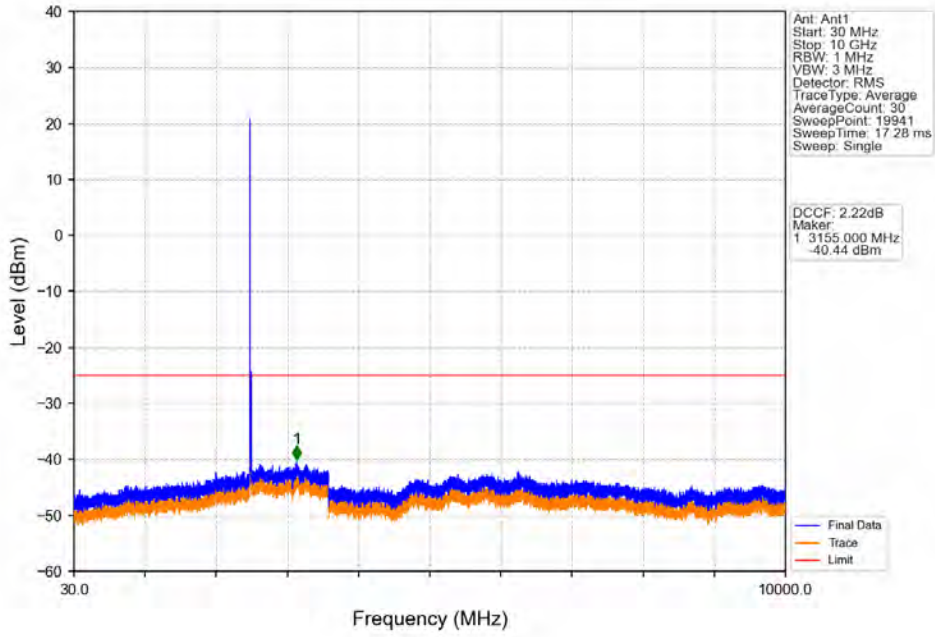
Band41\_10MHz\_QPSK\_HCH\_2685MHz\_RB\_50\_0\_NTNV



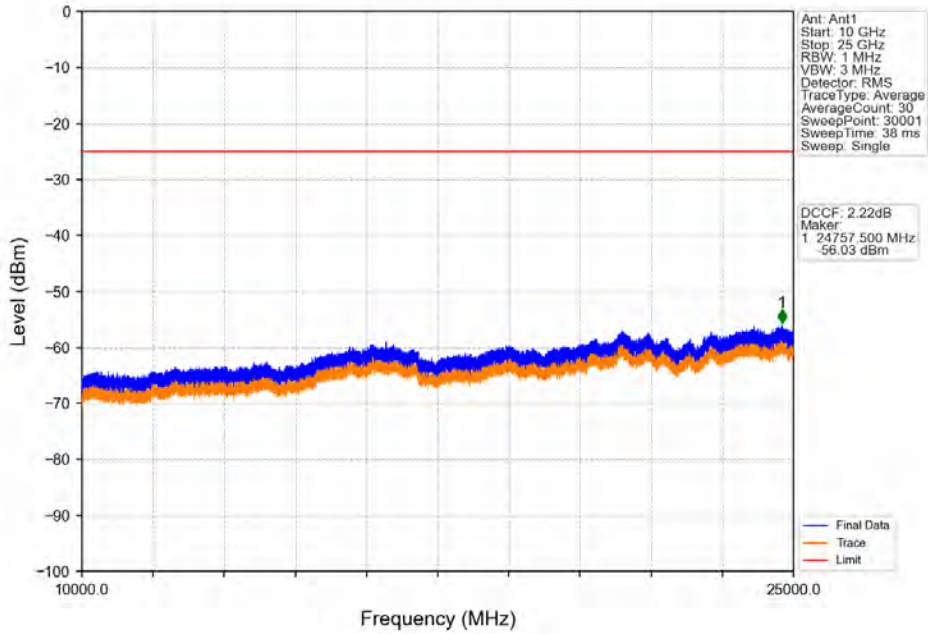
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_1\_0\_NTNV



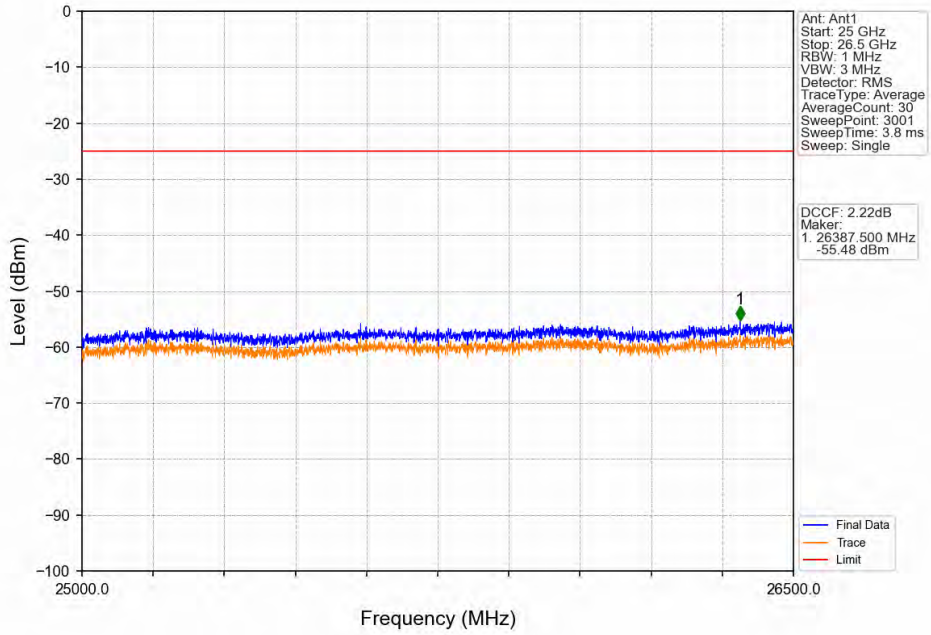
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_1\_0\_NTNV



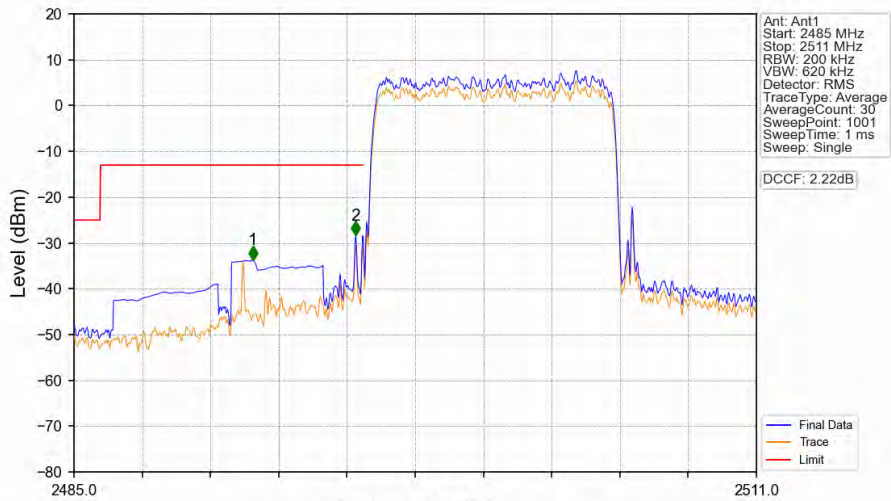
Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_1\_0\_NTNV



Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_1\_0\_NTNV

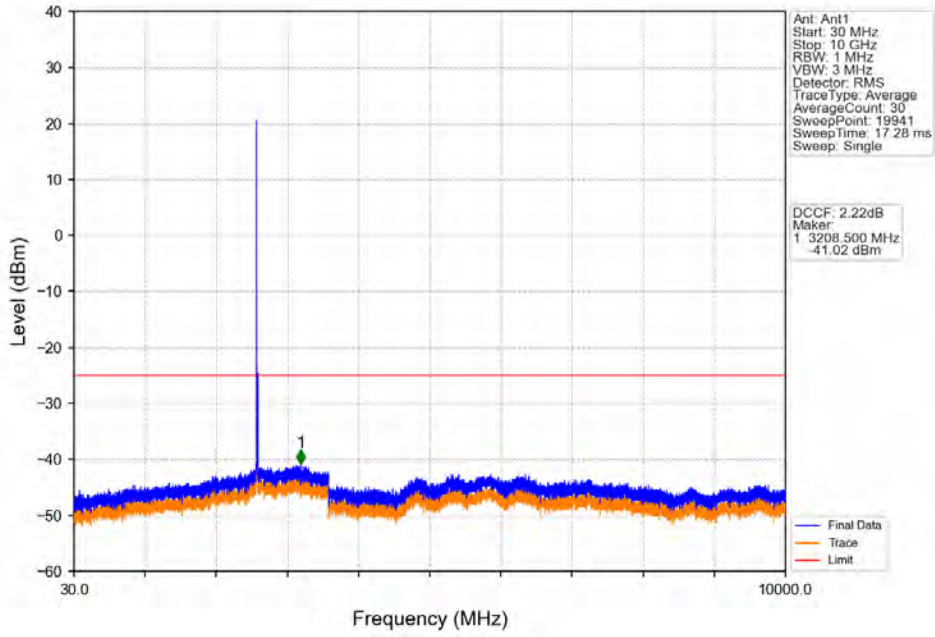


Band41\_10MHz\_16QAM\_LCH\_2501MHz\_RB\_50\_0\_NTNV

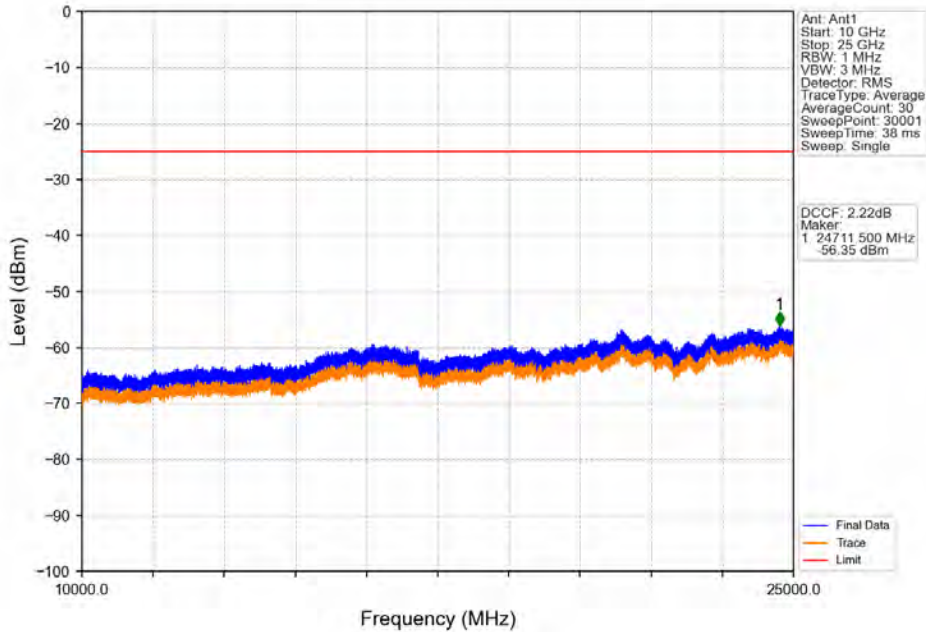


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2491.812	-33.72	-13	Pass
2495	2496	0.2	/	2	2495.738	-28.35	-13	Pass
2496	2511	0.225	/	/	/	/	/	/

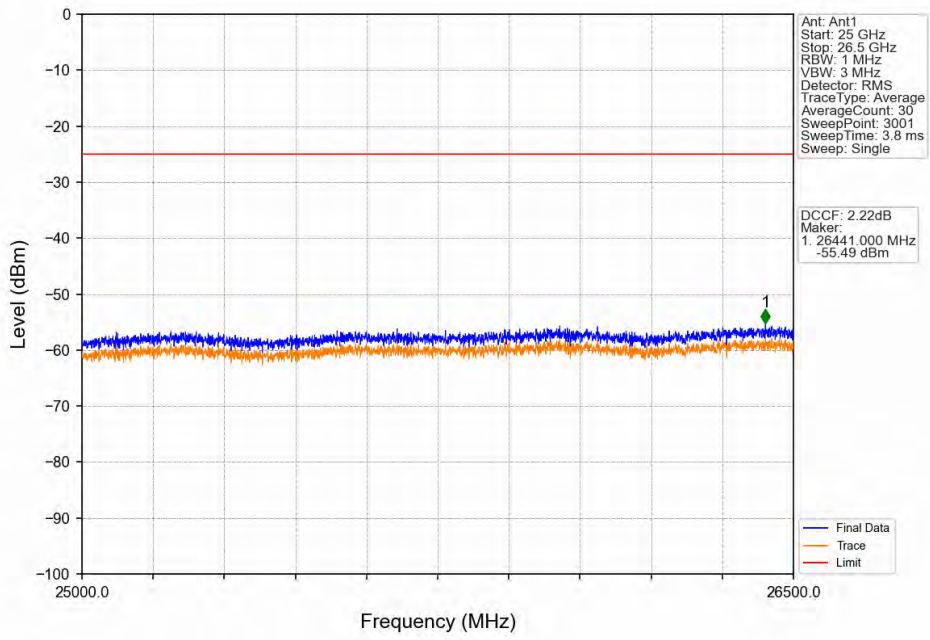
Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



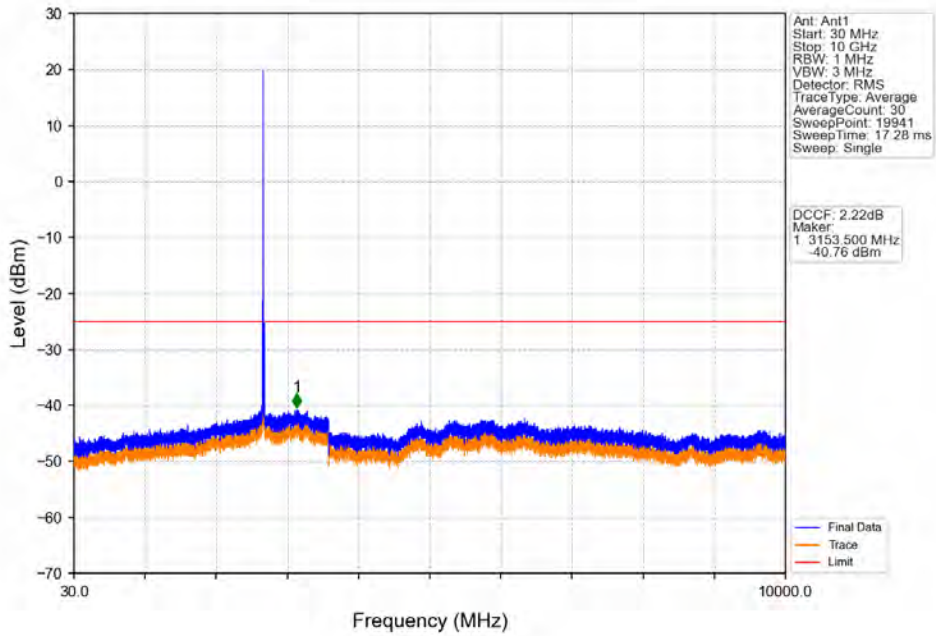
Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



Band41\_10MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV

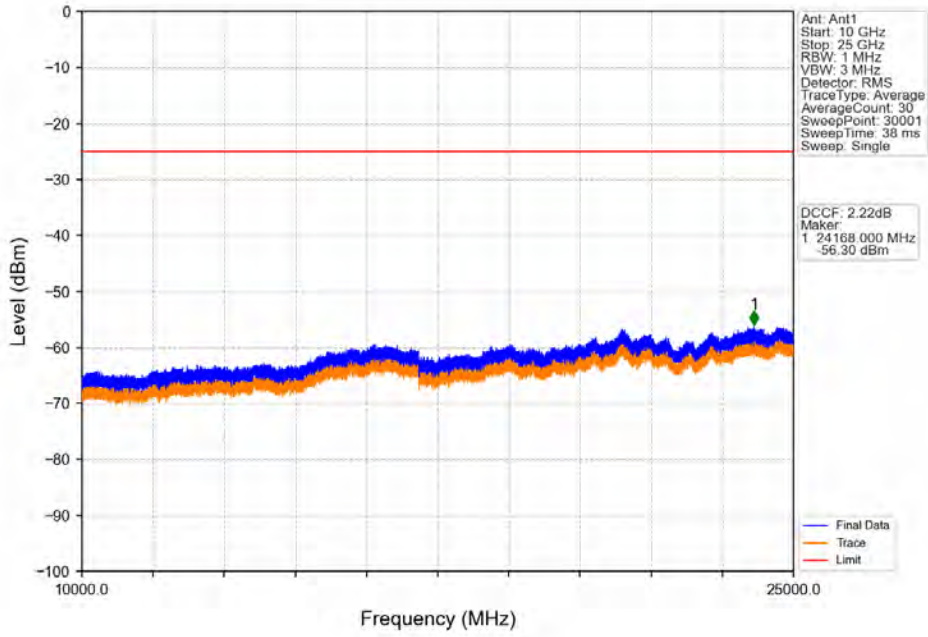


Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_1\_0\_NTNV

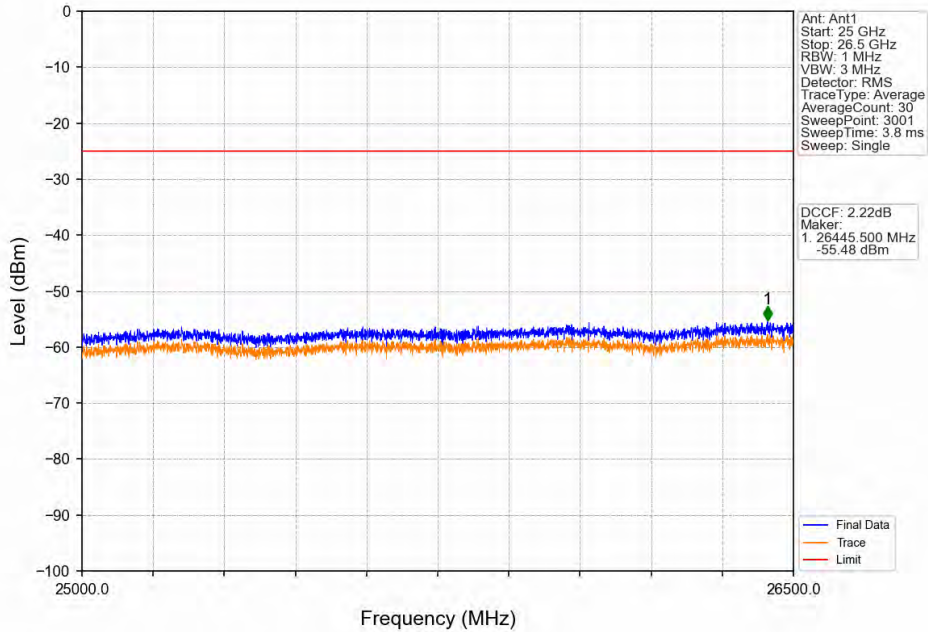




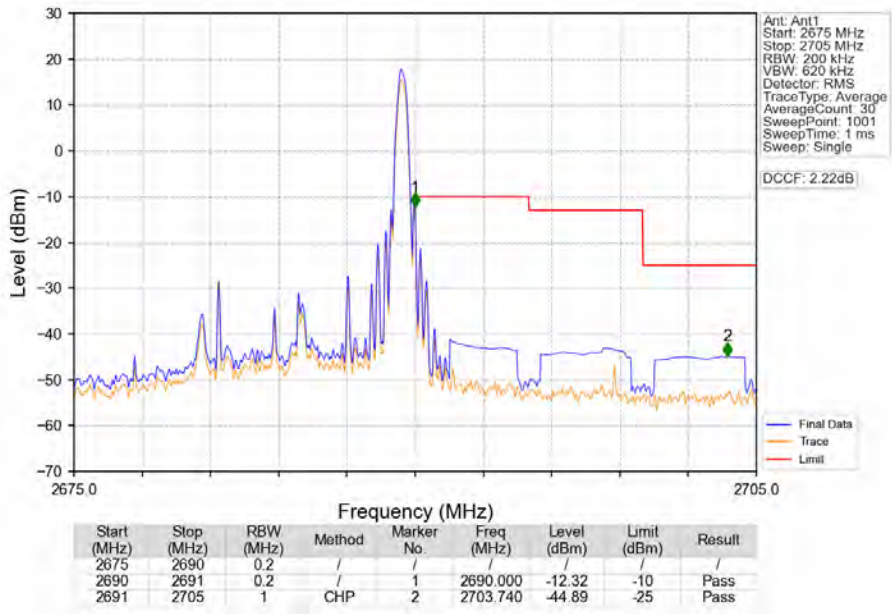
Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_1\_0\_NTNV



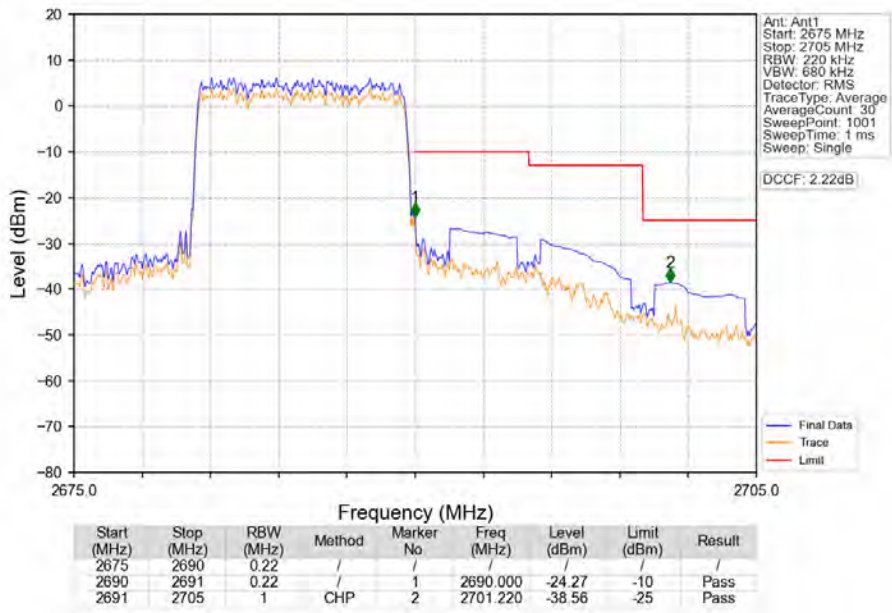
Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_1\_0\_NTNV



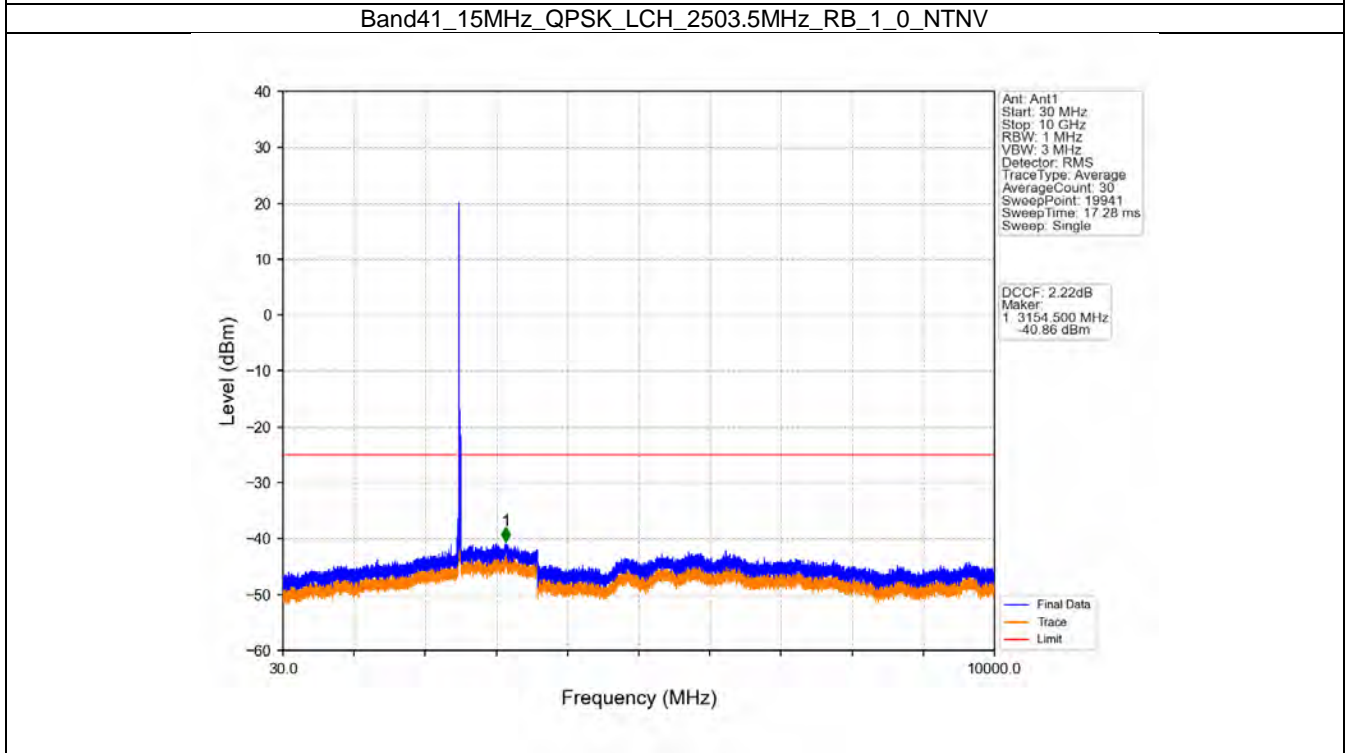
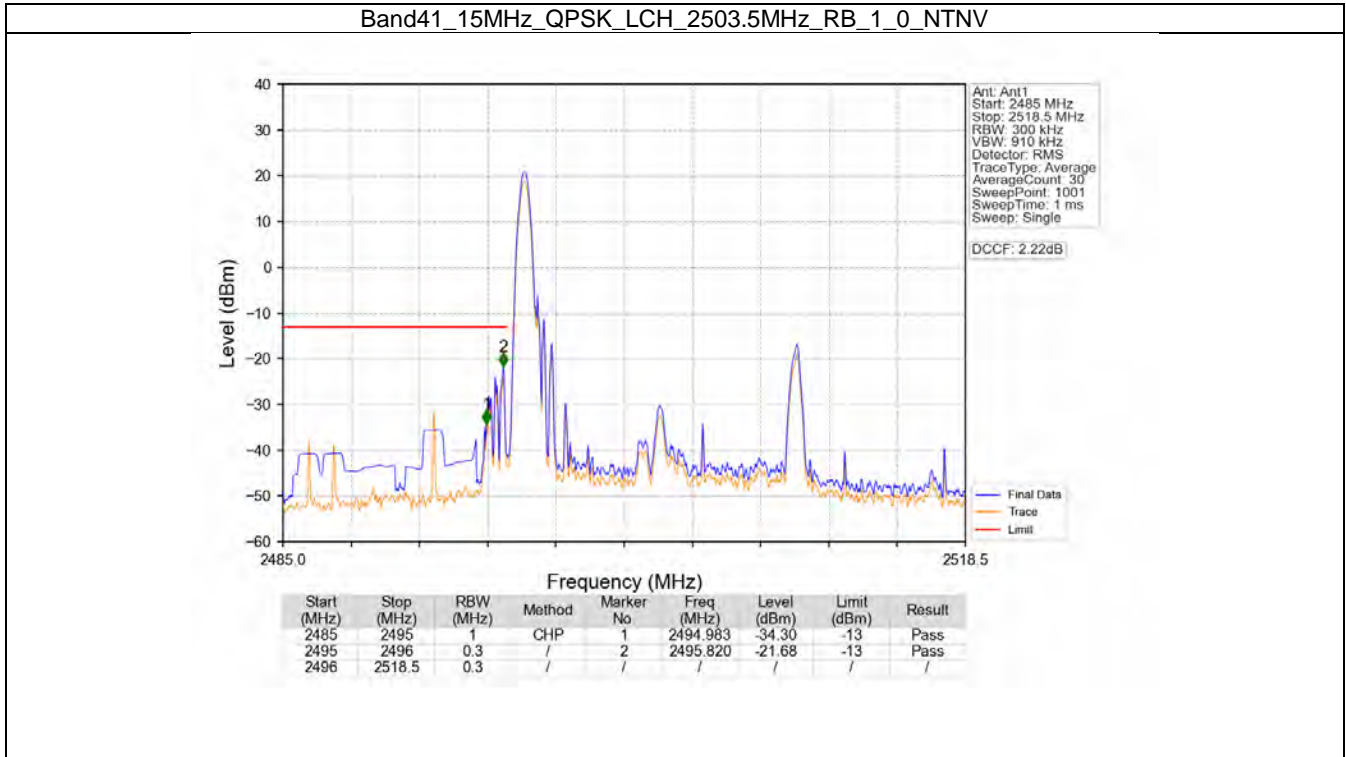
Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_1\_49\_NTNV



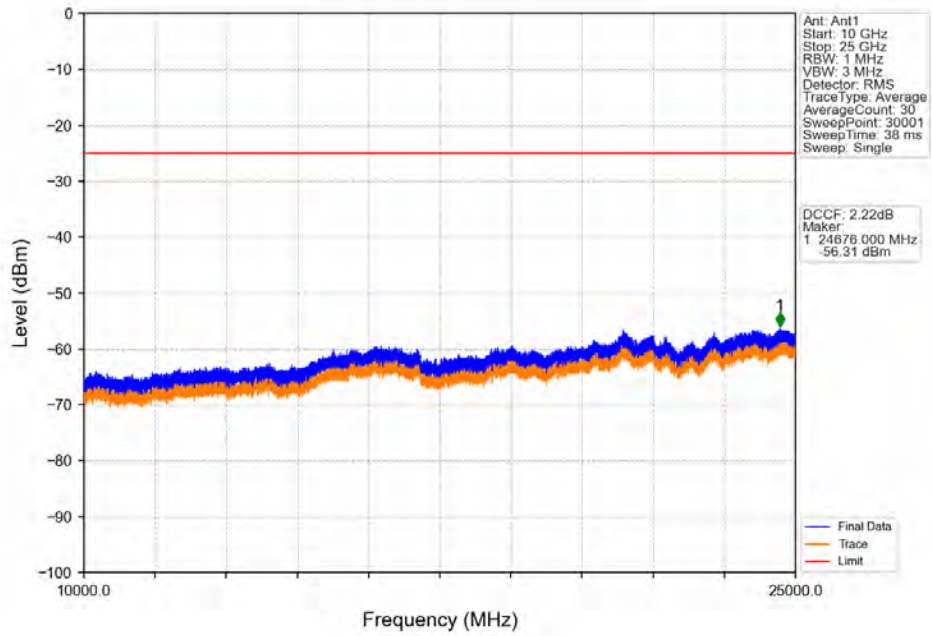
Band41\_10MHz\_16QAM\_HCH\_2685MHz\_RB\_50\_0\_NTNV



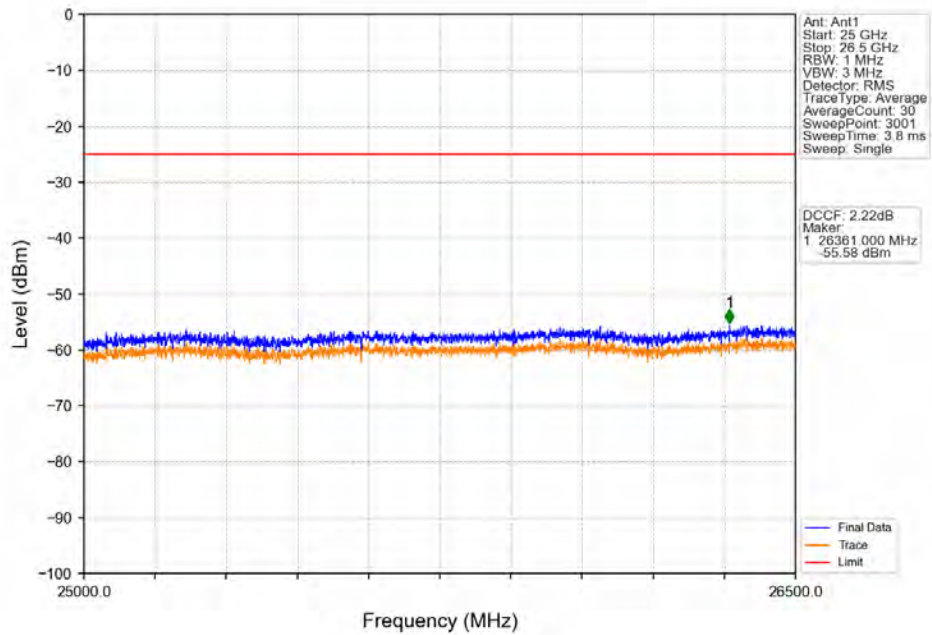
### 6.2.3 B41\_15MHz



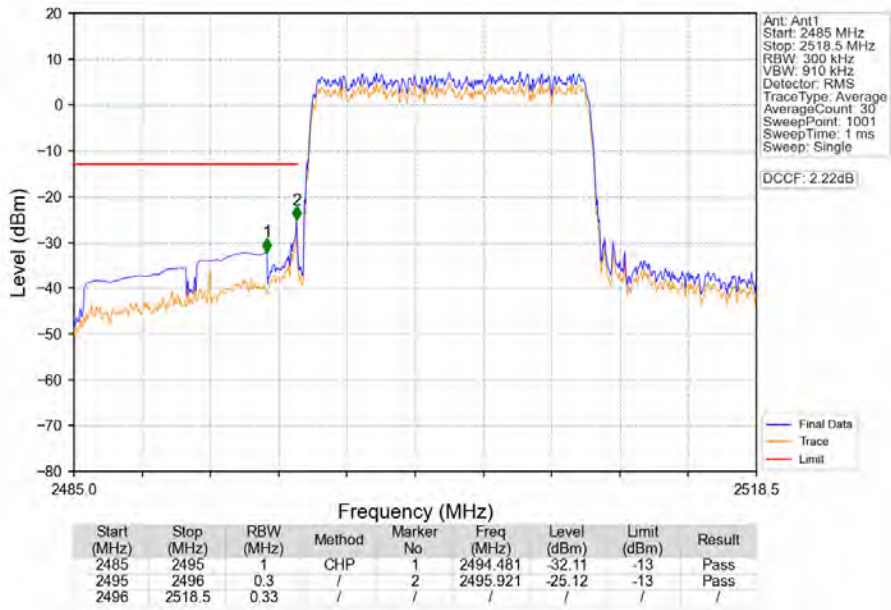
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_1\_0\_NTNV



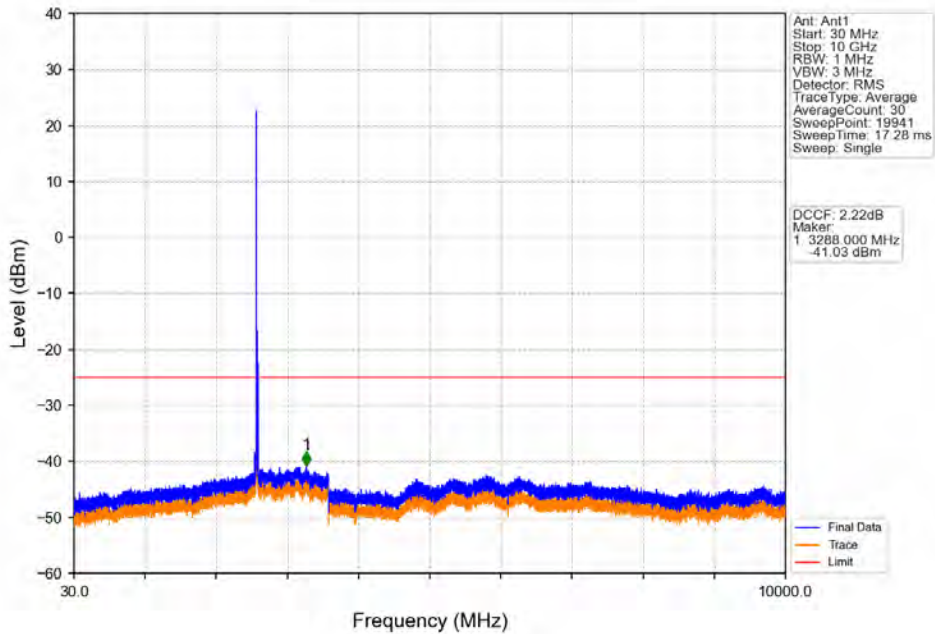
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_1\_0\_NTNV



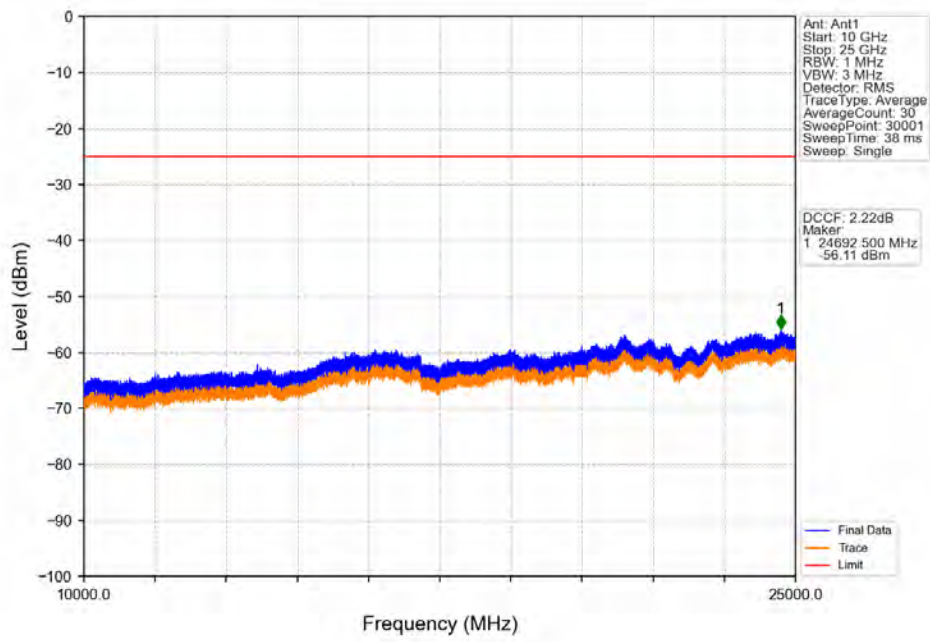
Band41\_15MHz\_QPSK\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV



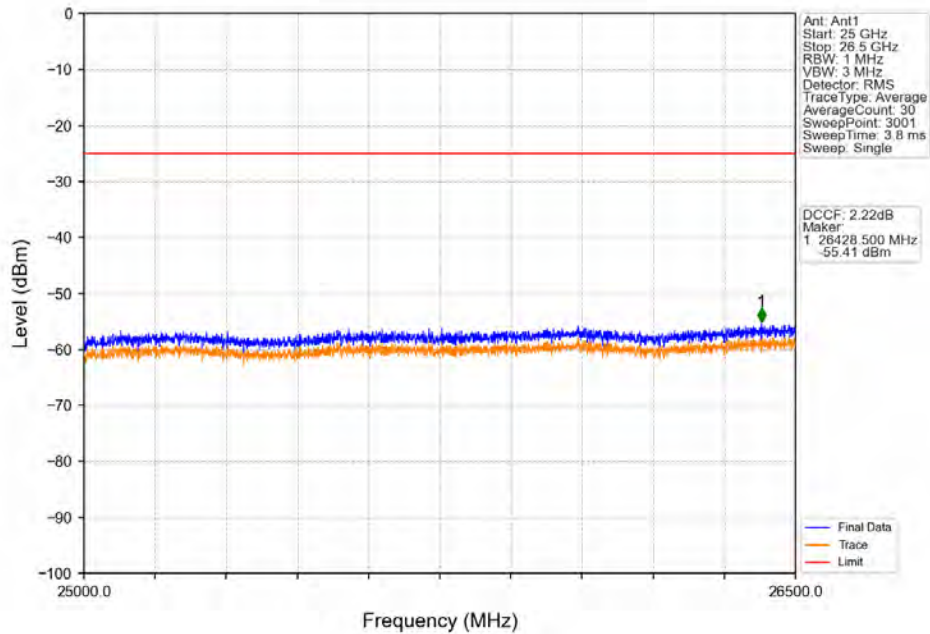
Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



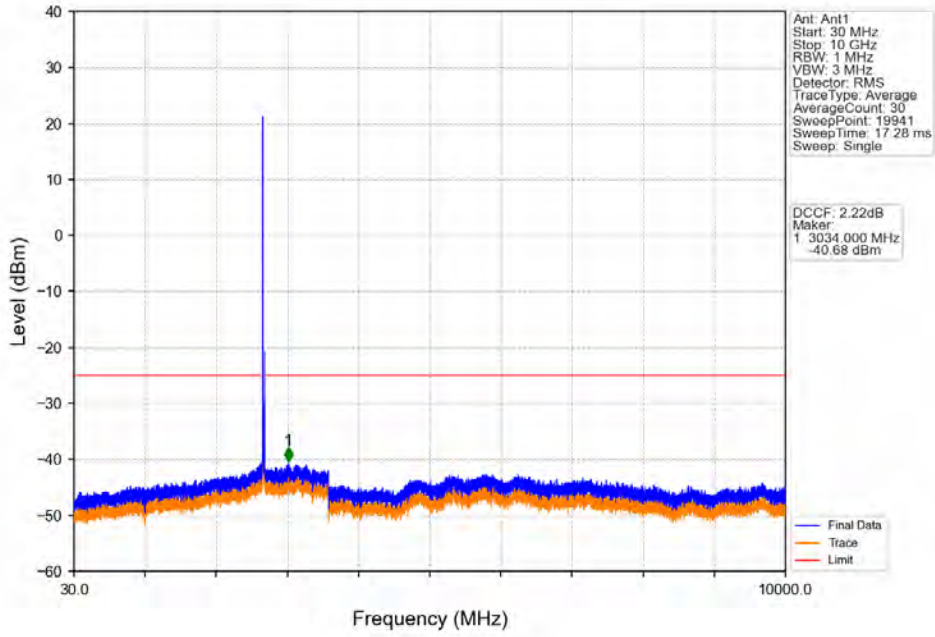
Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



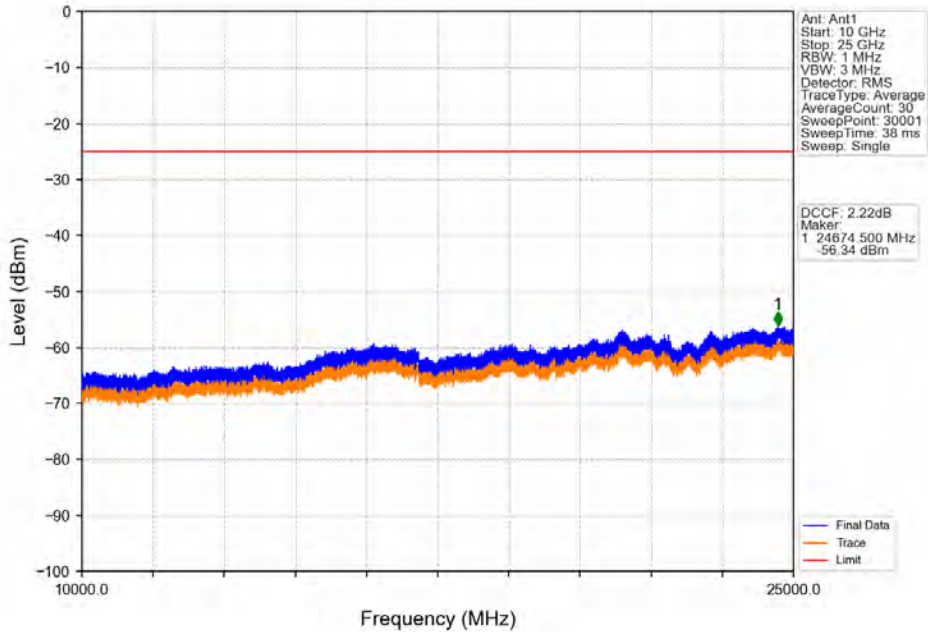
Band41\_15MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



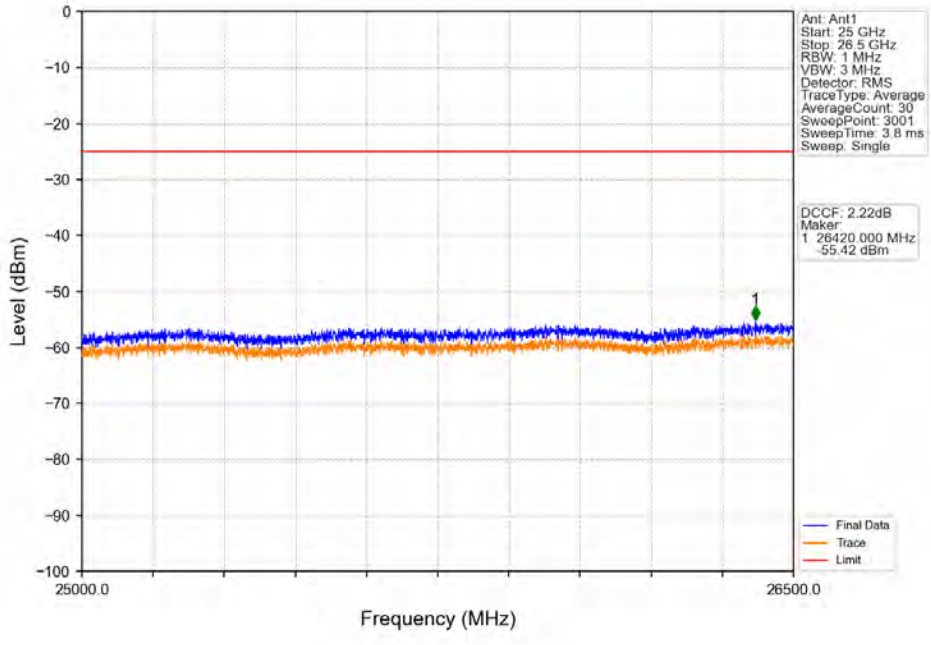
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_1\_0\_NTNV



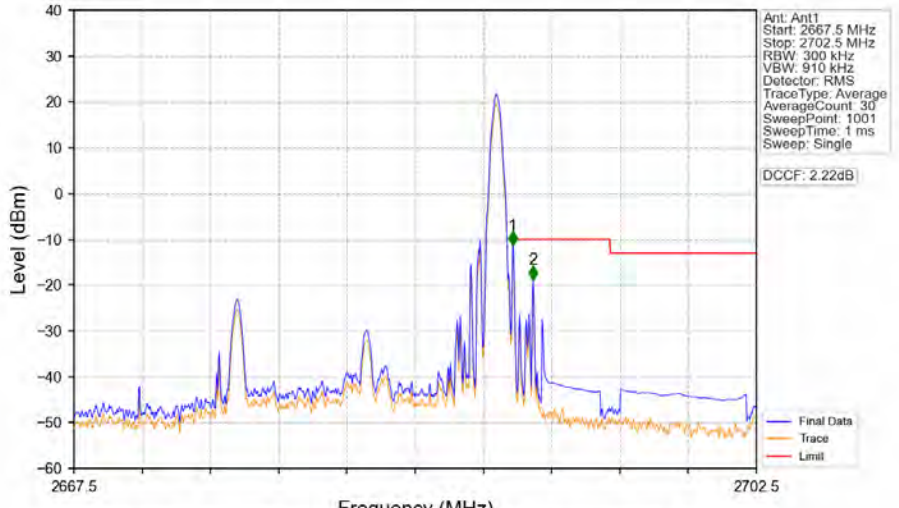
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_1\_0\_NTNV



Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_1\_0\_NTNV



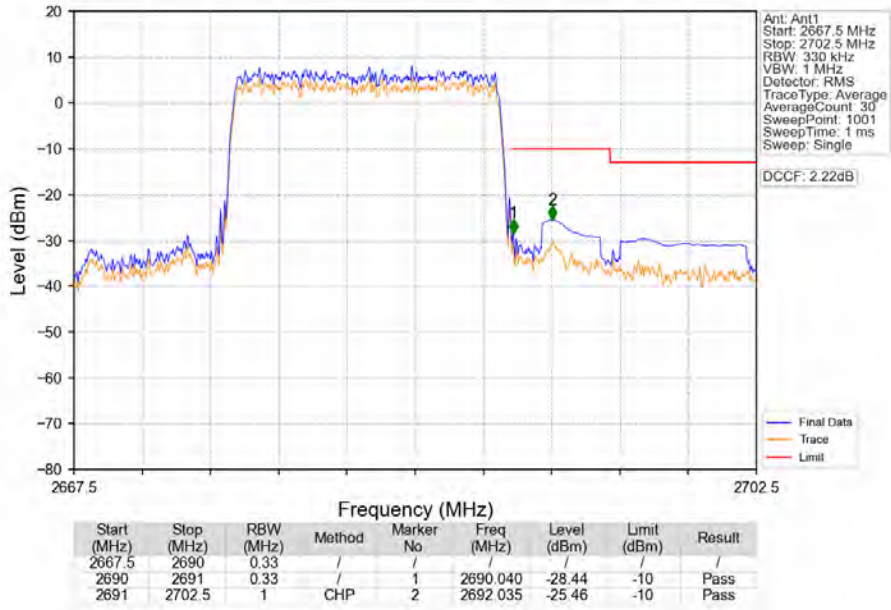
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_1\_74\_NTNV



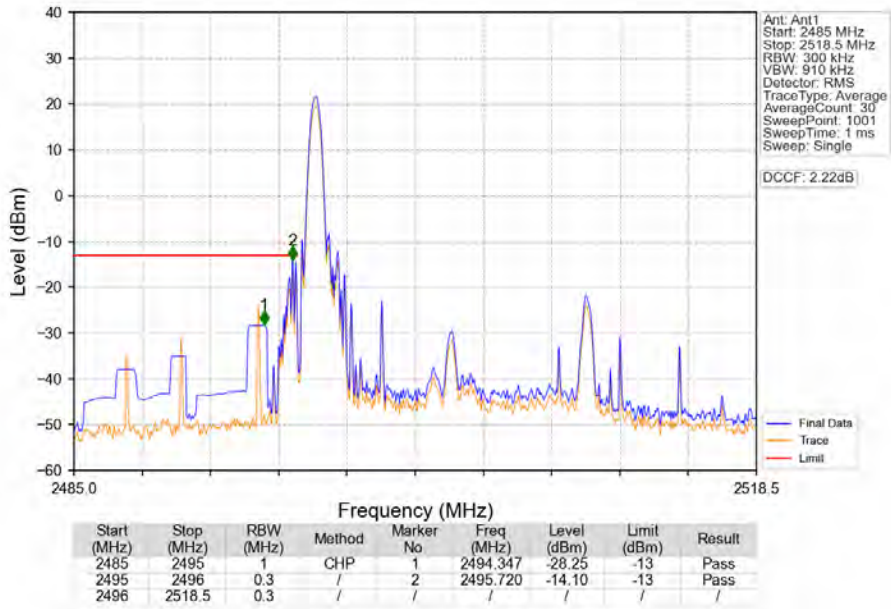
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	/	1	2690.005	-11.38	-10	Pass
2691	2702.5	1	CHP	2	2691.055	-18.82	-10	Pass



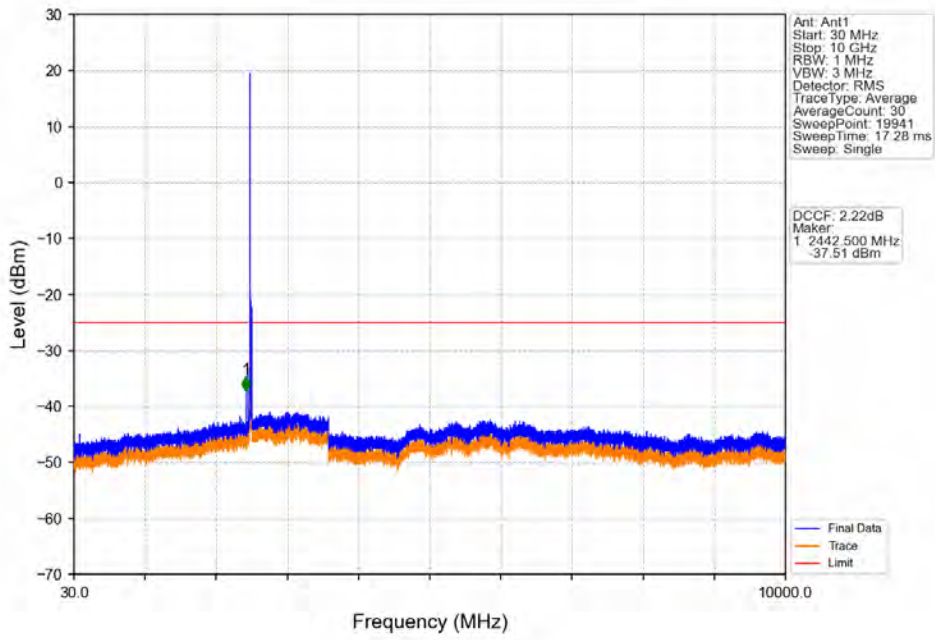
Band41\_15MHz\_QPSK\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV



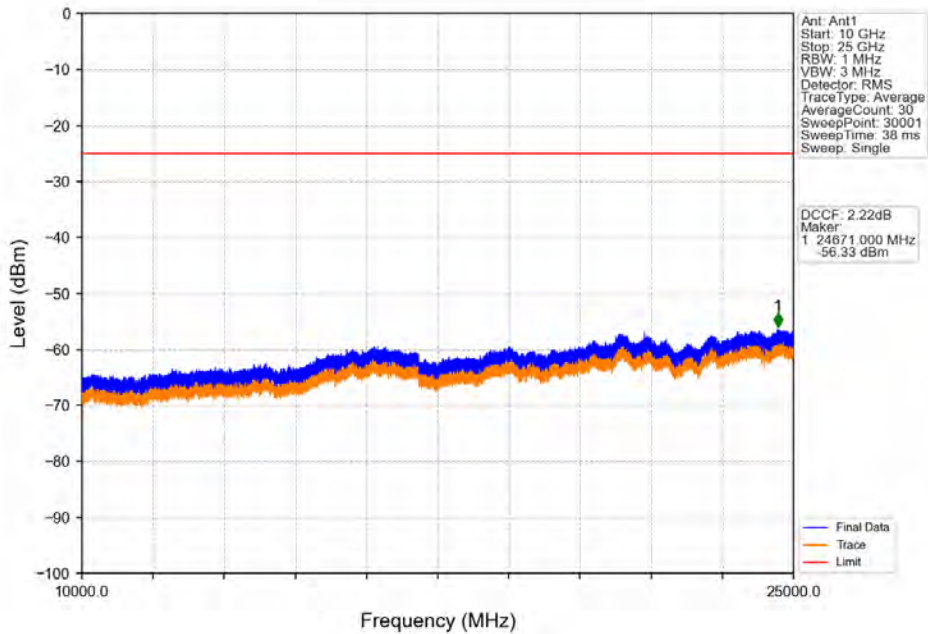
Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_1\_0\_NTNV



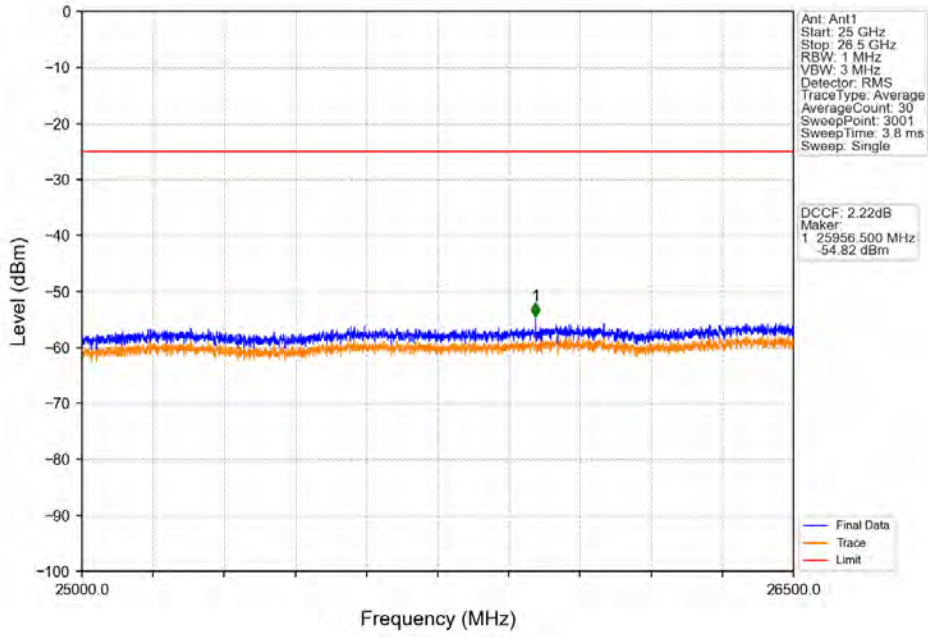
Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_1\_0\_NTNV



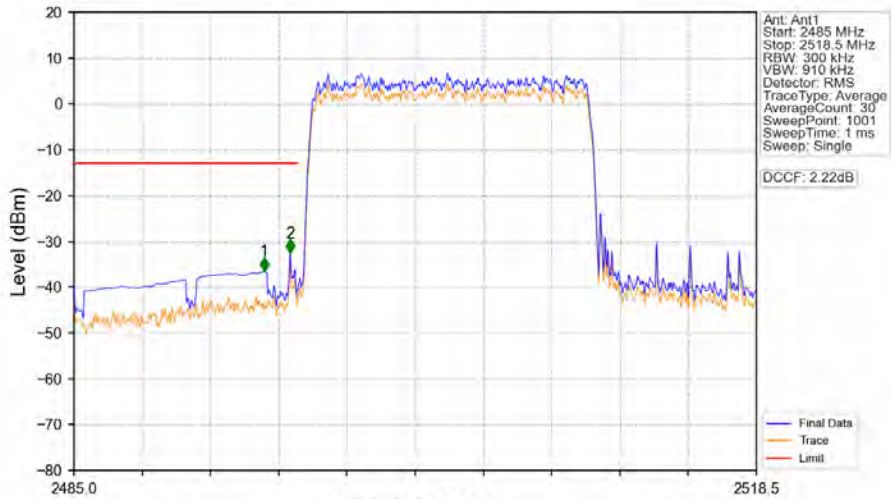
Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_1\_0\_NTNV



Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_1\_0\_NTNV

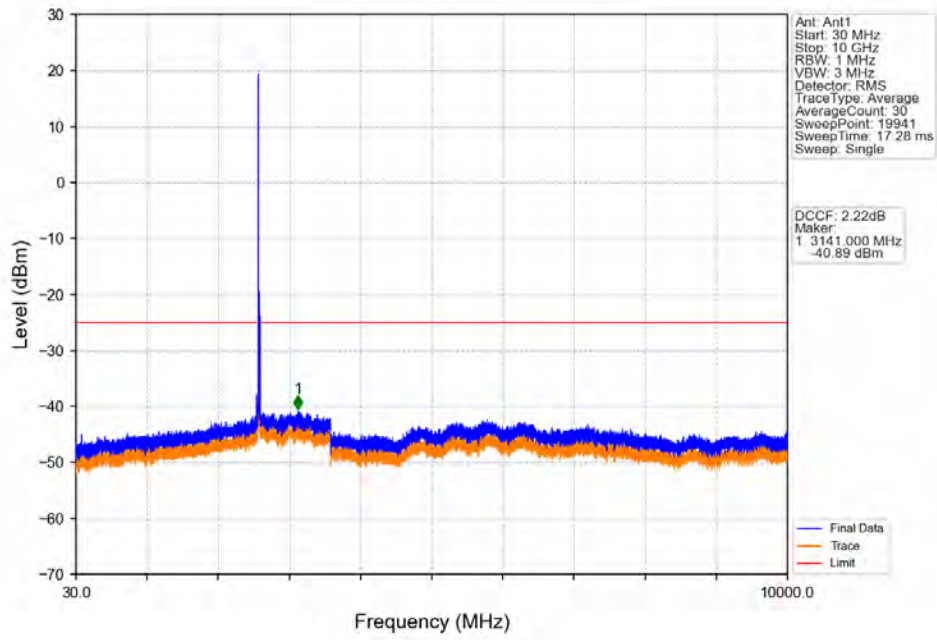


Band41\_15MHz\_16QAM\_LCH\_2503.5MHz\_RB\_75\_0\_NTNV

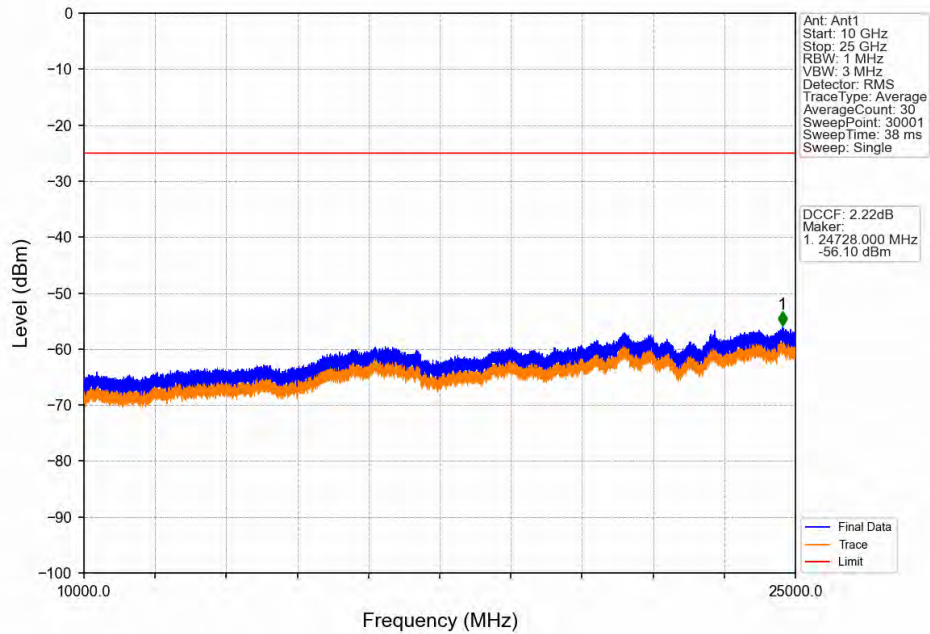


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2484.347	-36.54	-13	Pass
2495	2496	0.3	/	2	2495.619	-32.55	-13	Pass
2496	2518.5	0.346	/	/	/	/	/	/

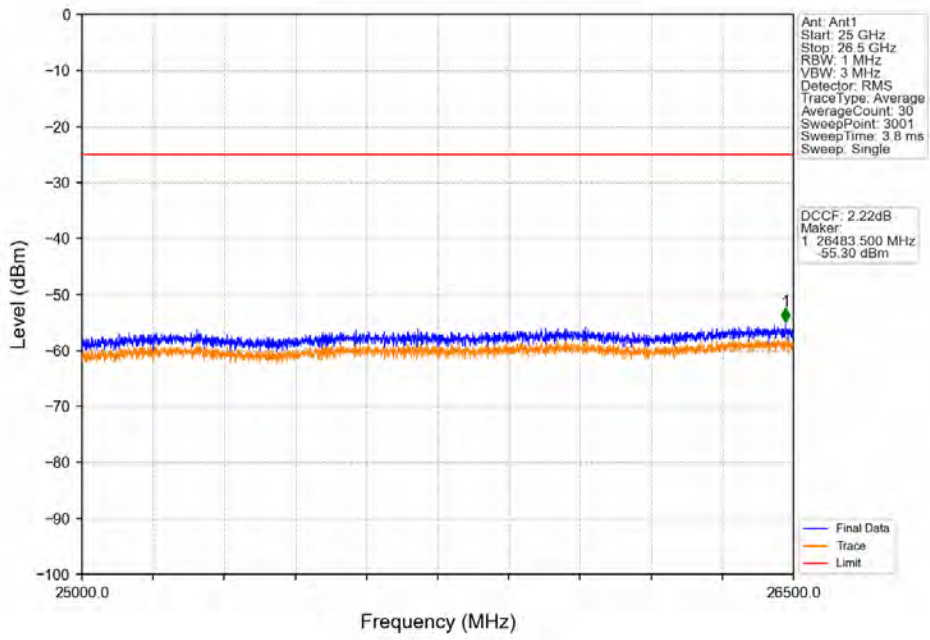
Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



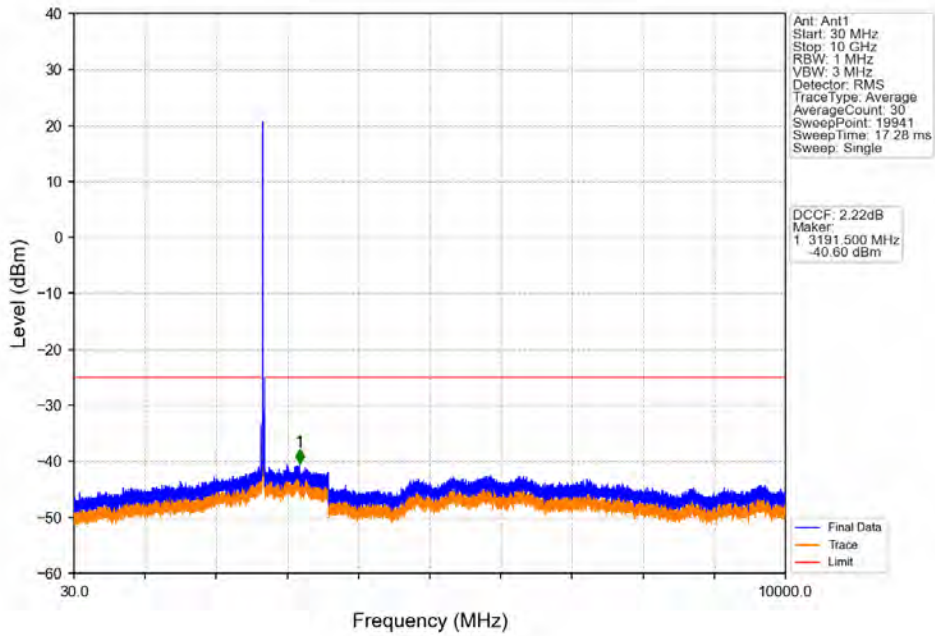
Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



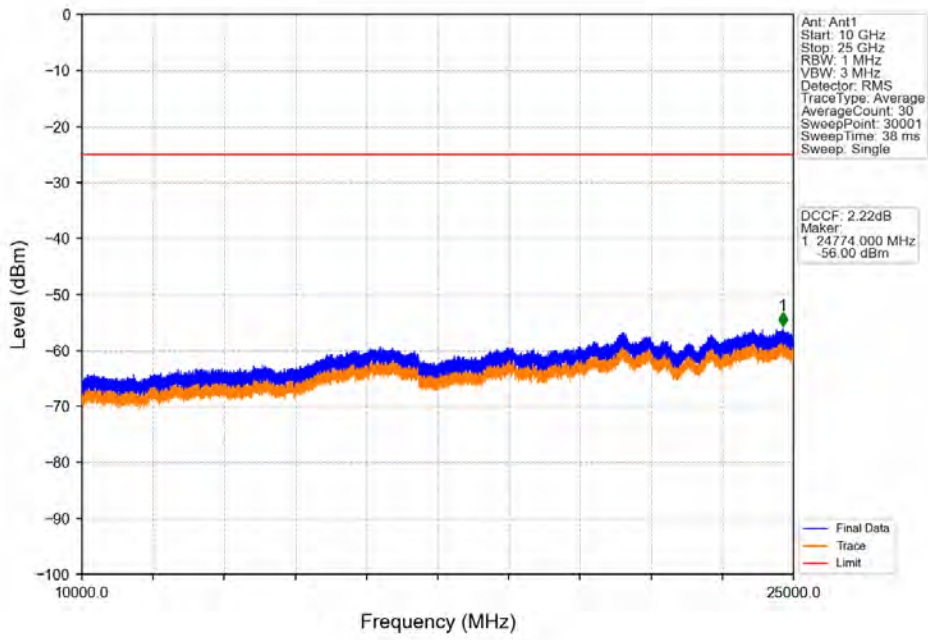
Band41\_15MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



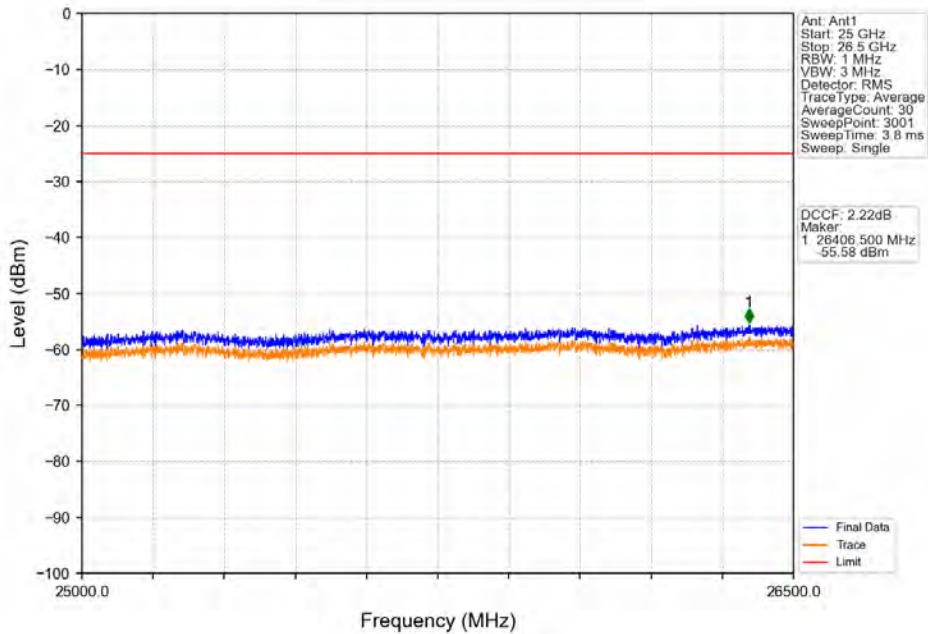
Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_1\_0\_NTNV



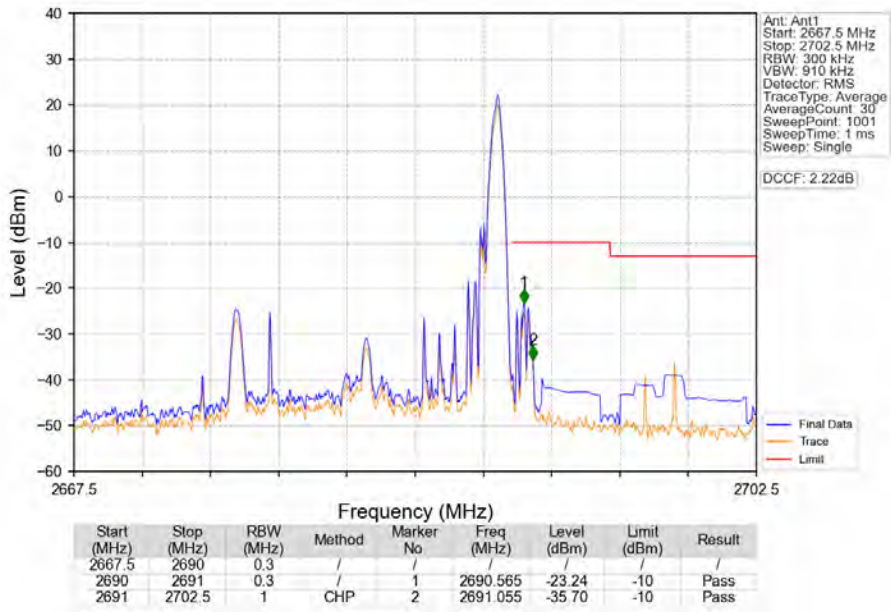
Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_1\_0\_NTNV



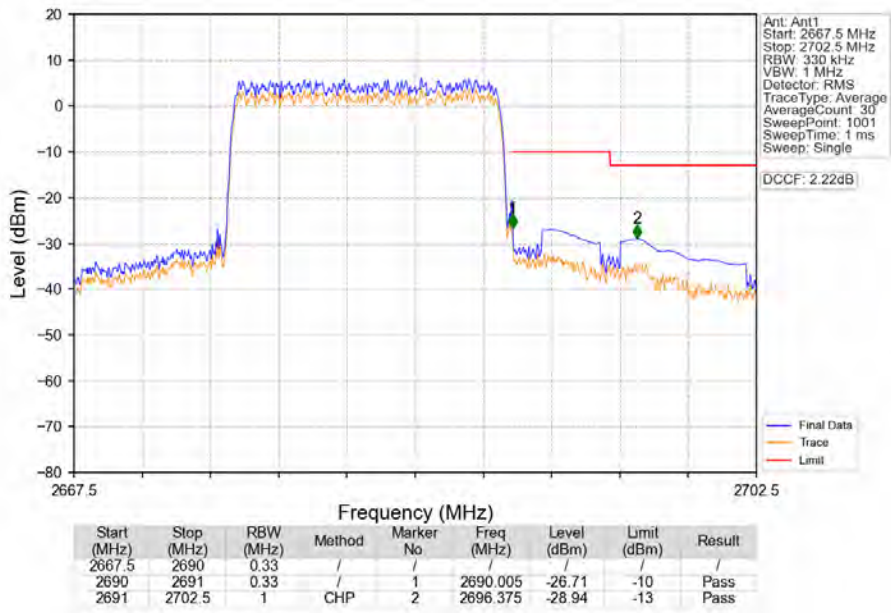
Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_1\_0\_NTNV



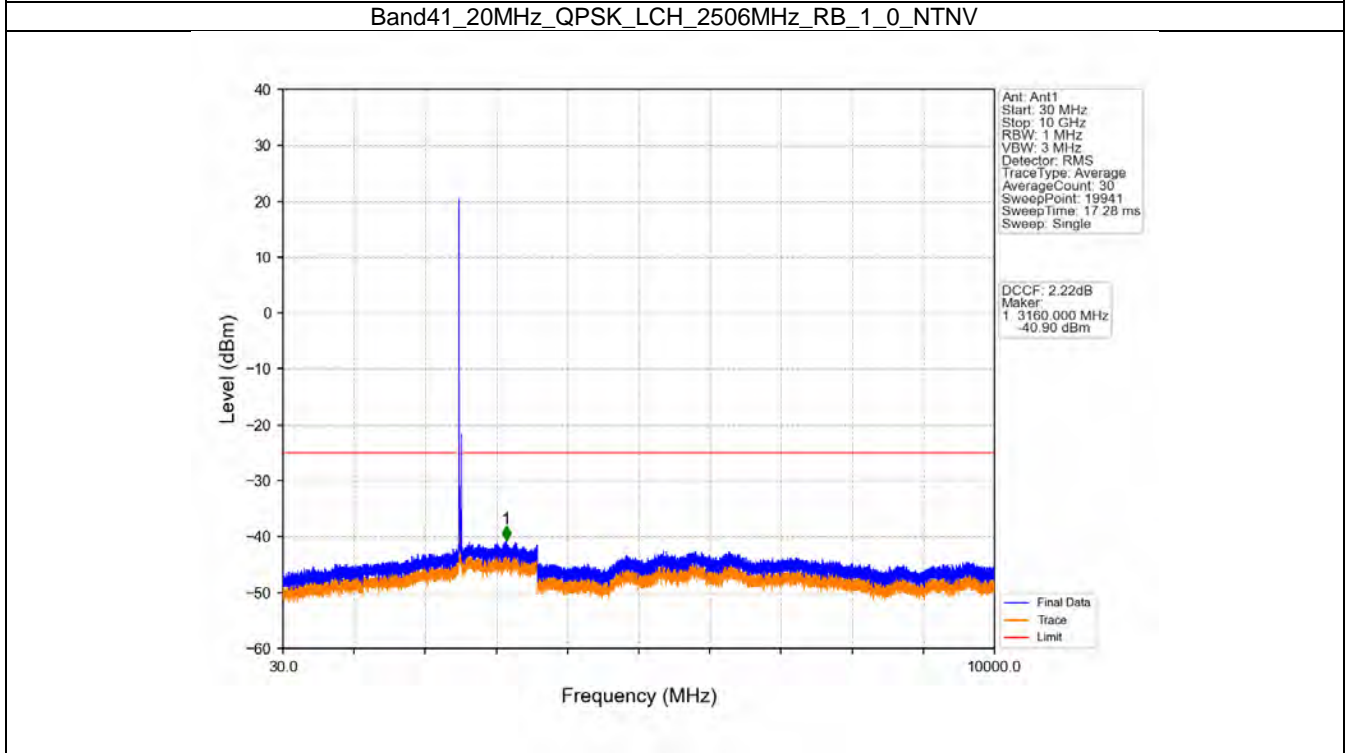
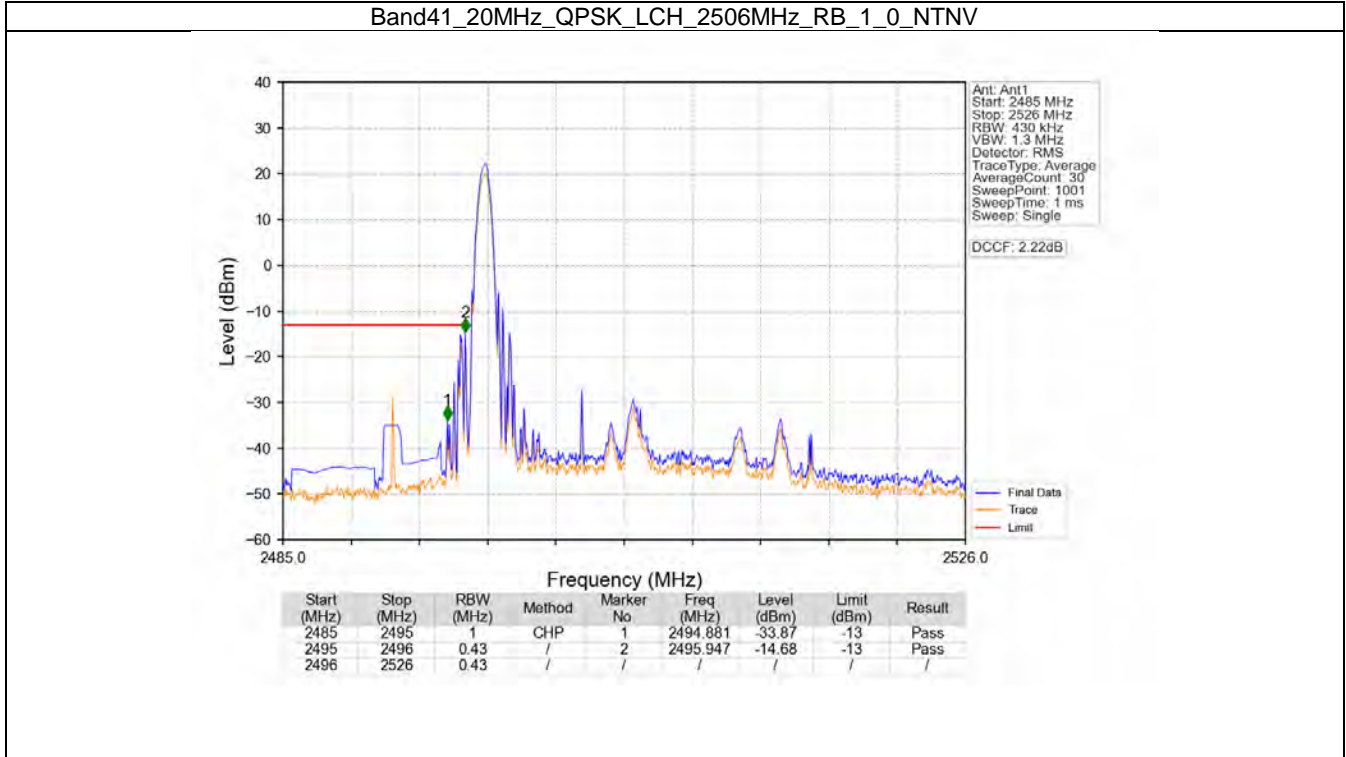
Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_1\_74\_NTNV



Band41\_15MHz\_16QAM\_HCH\_2682.5MHz\_RB\_75\_0\_NTNV

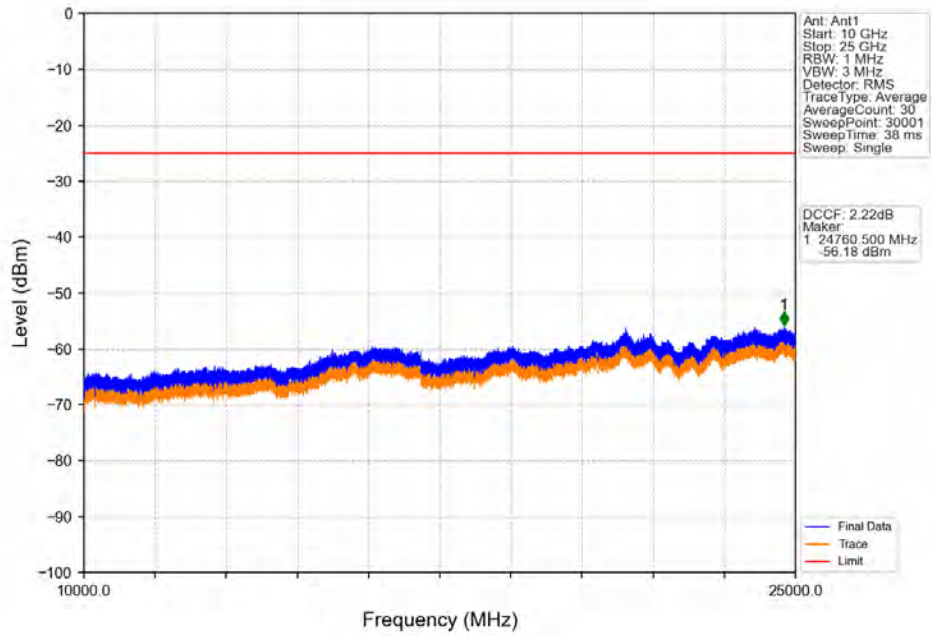


### 6.2.4 B41\_20MHz

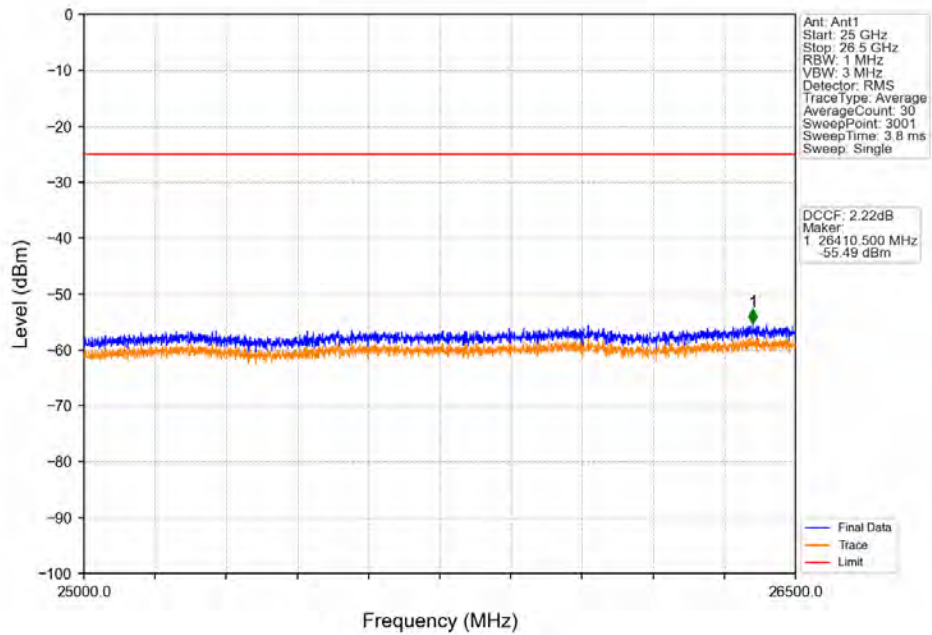




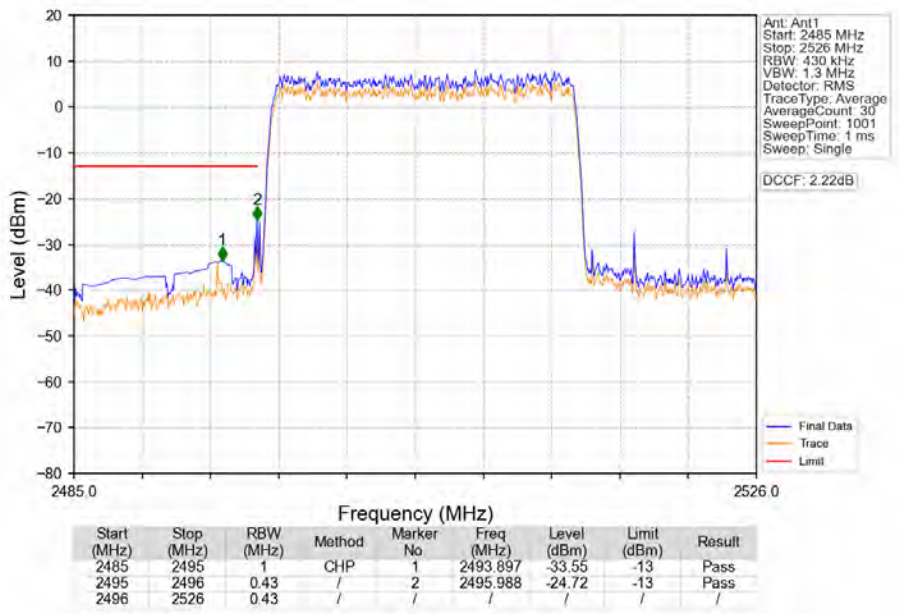
Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_1\_0\_NTNV



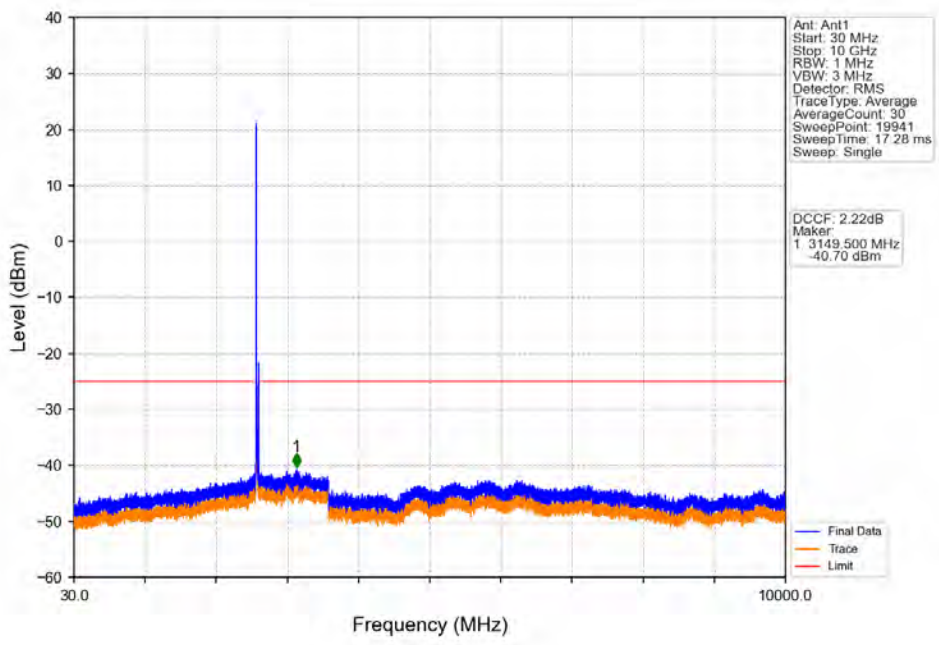
Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_1\_0\_NTNV



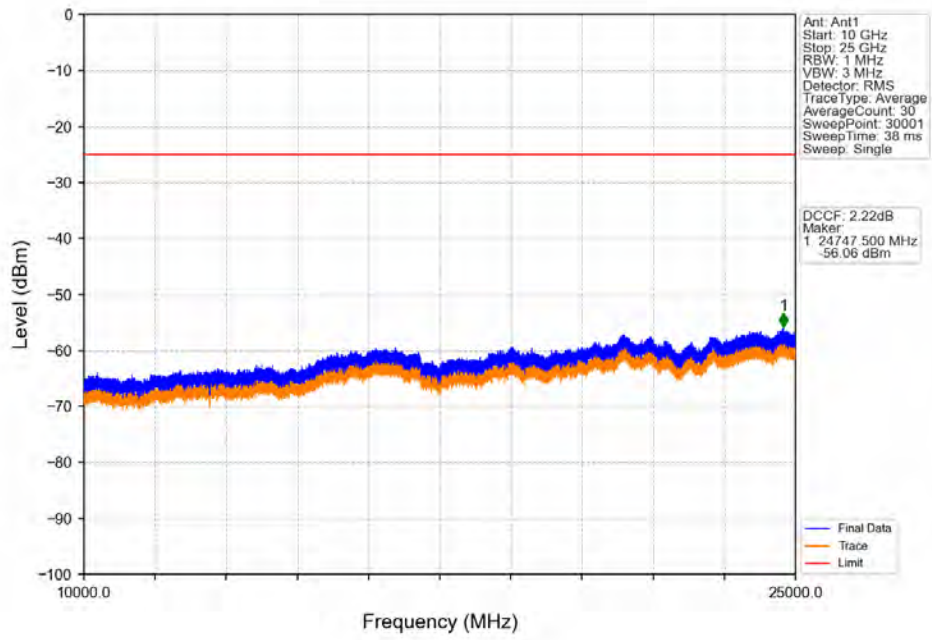
Band41\_20MHz\_QPSK\_LCH\_2506MHz\_RB\_100\_0\_NTNV



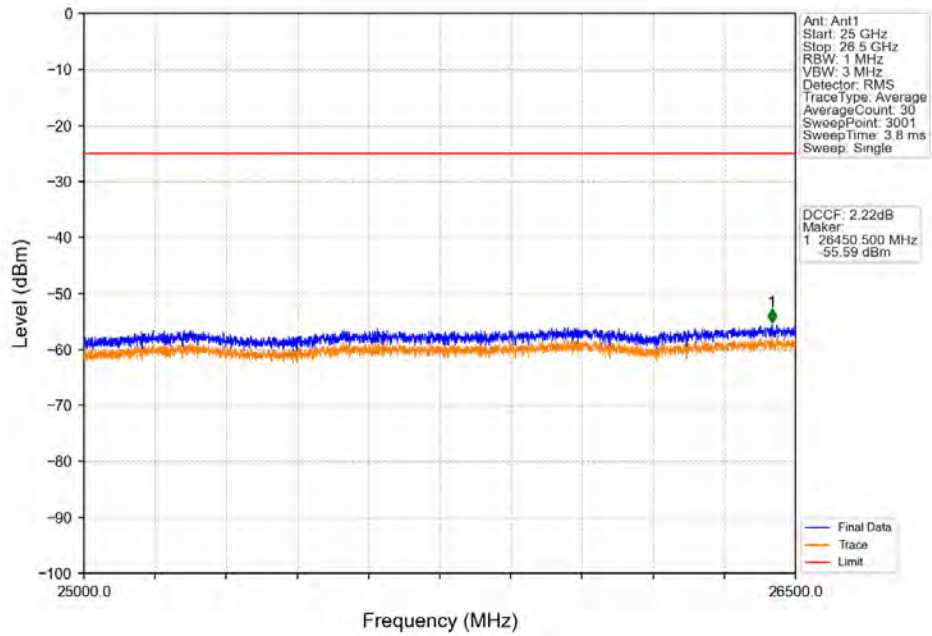
Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



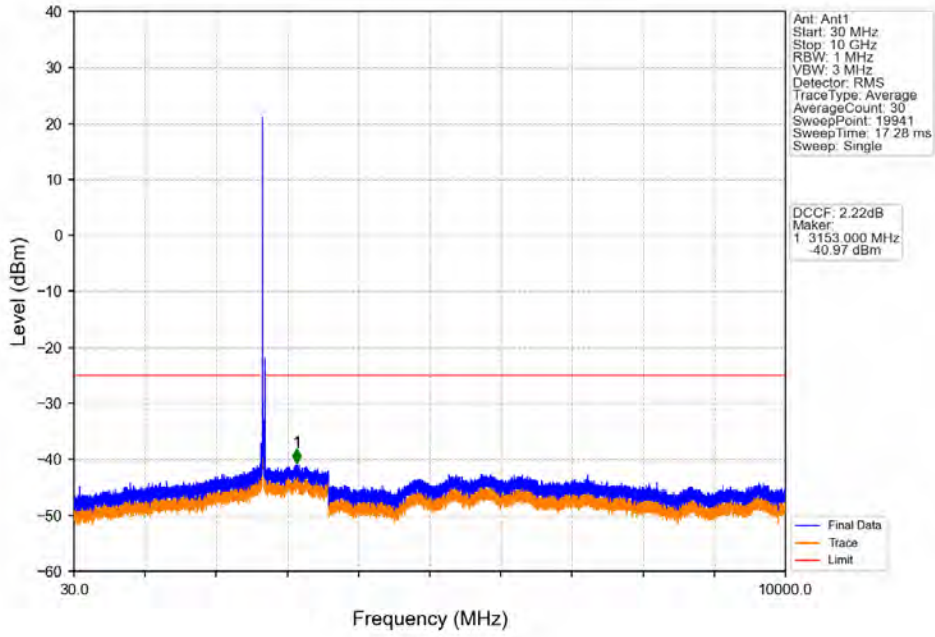
Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



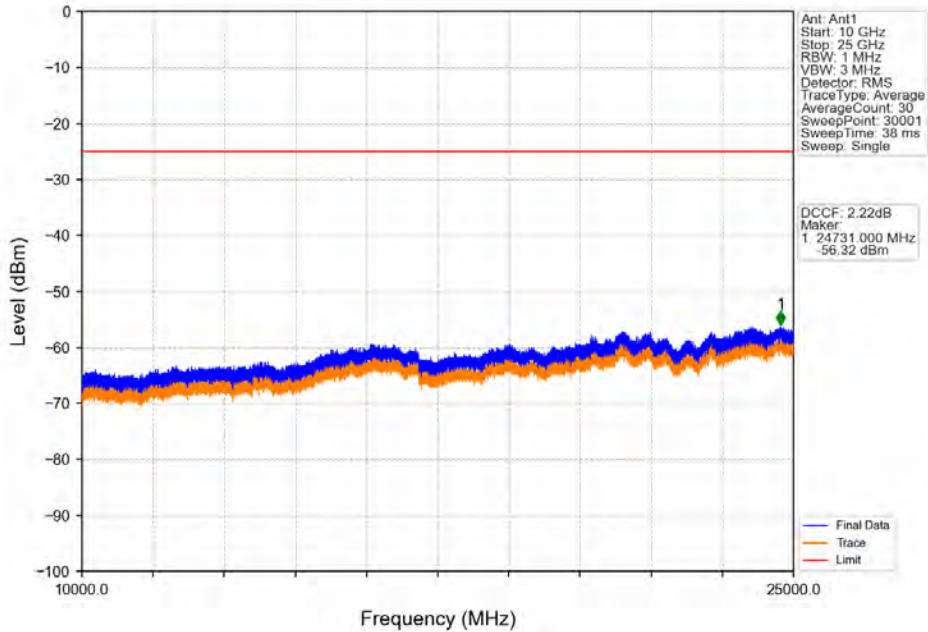
Band41\_20MHz\_QPSK\_MCH\_2593MHz\_RB\_1\_0\_NTNV



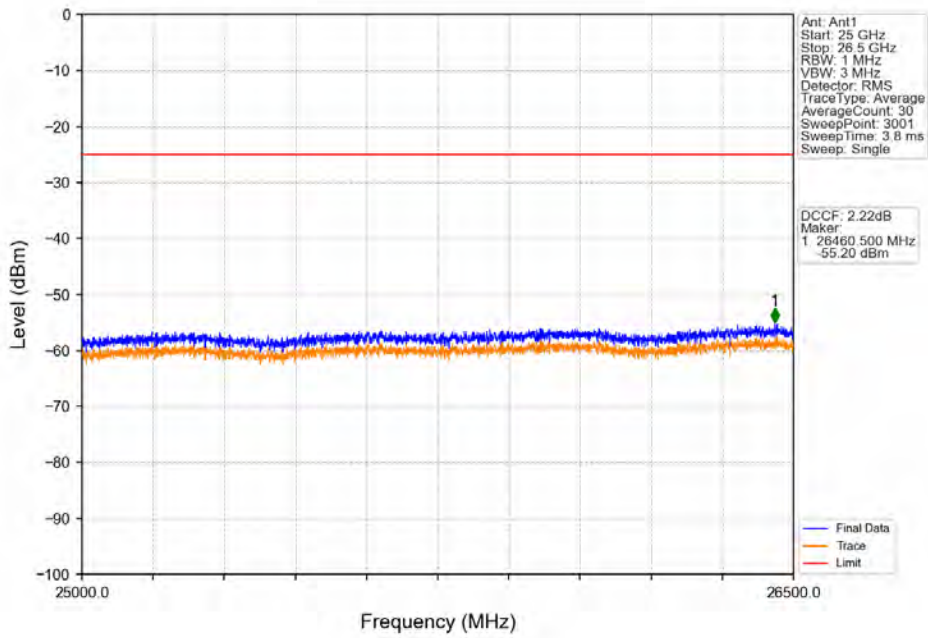
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_1\_0\_NTNV



Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_1\_0\_NTNV



Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_1\_0\_NTNV

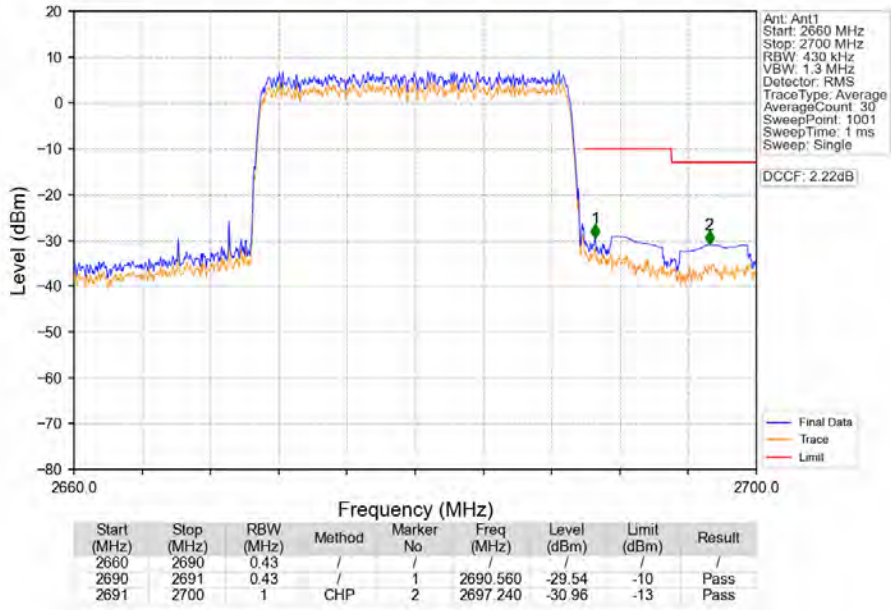


Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_1\_99\_NTNV

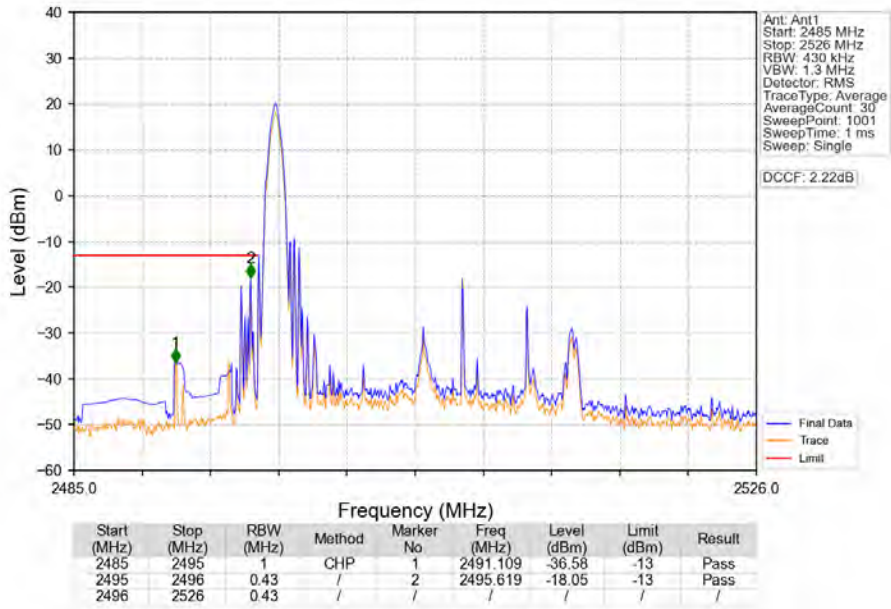


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	1	2690.000	-19.08	-10	Pass
2690	2691	0.43	/	1	2690.000	-19.08	-10	Pass
2691	2700	1	CHP	2	2698.040	-36.34	-13	Pass

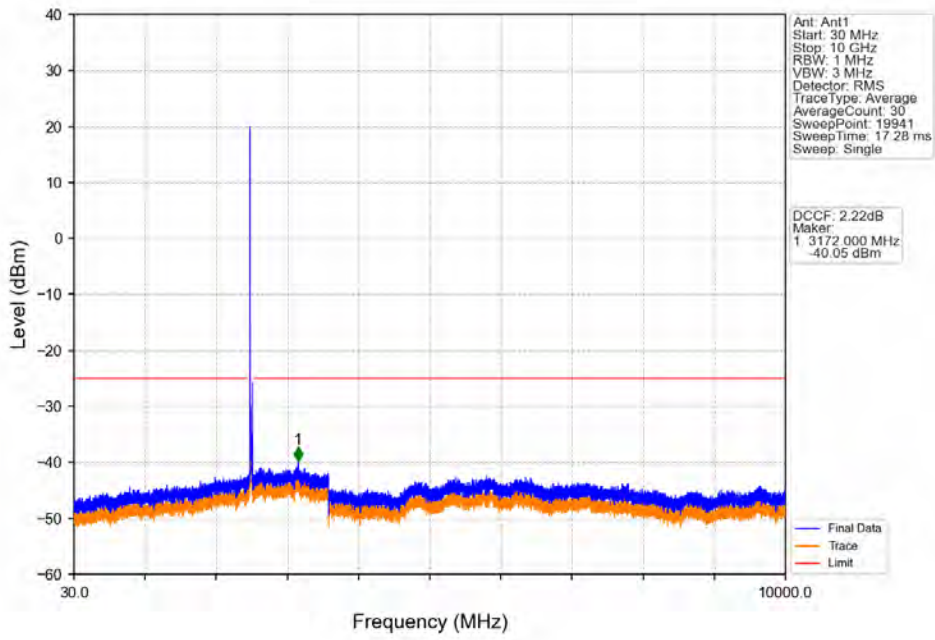
Band41\_20MHz\_QPSK\_HCH\_2680MHz\_RB\_100\_0\_NTNV



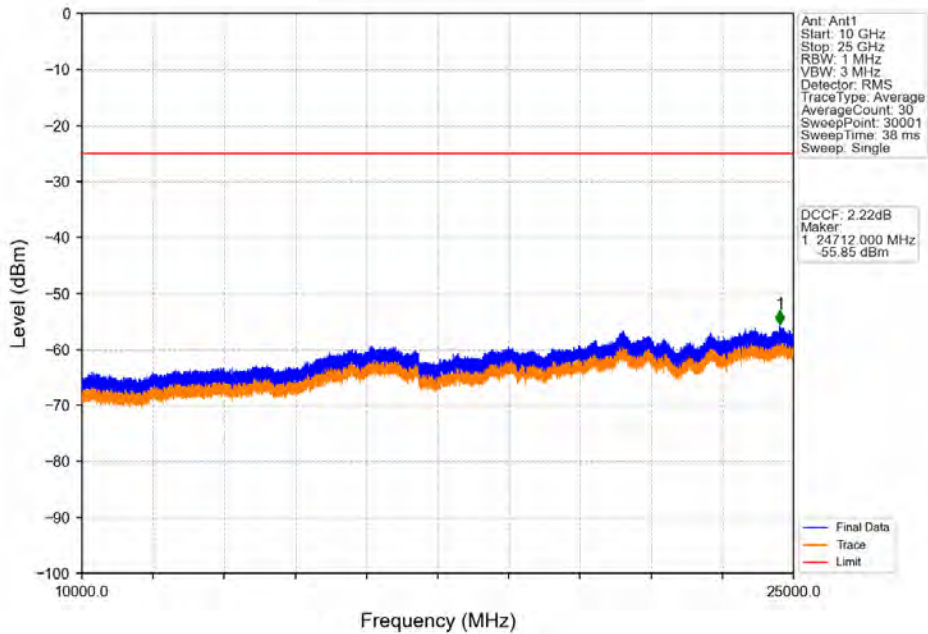
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_1\_0\_NTNV



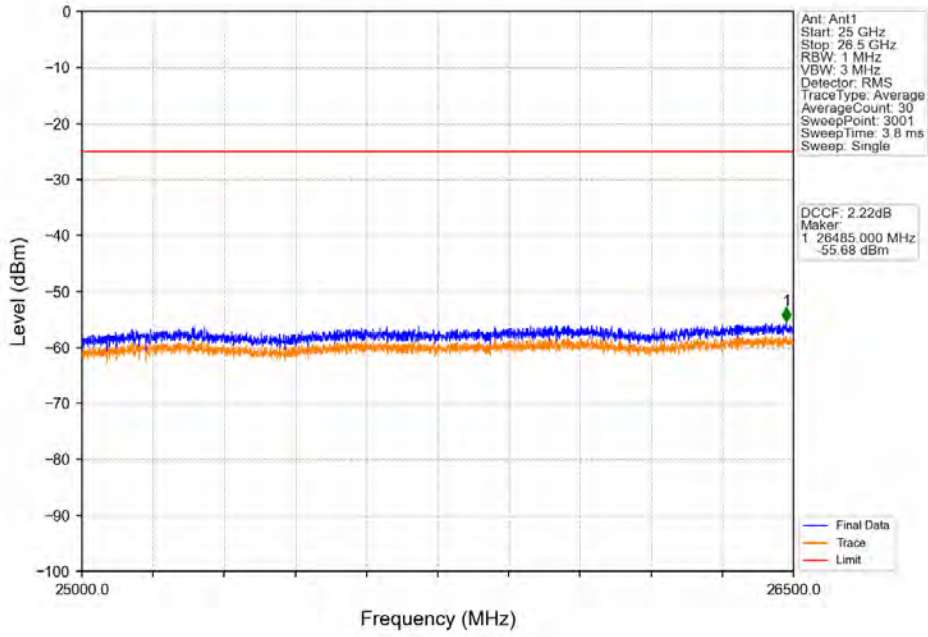
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_1\_0\_NTNV



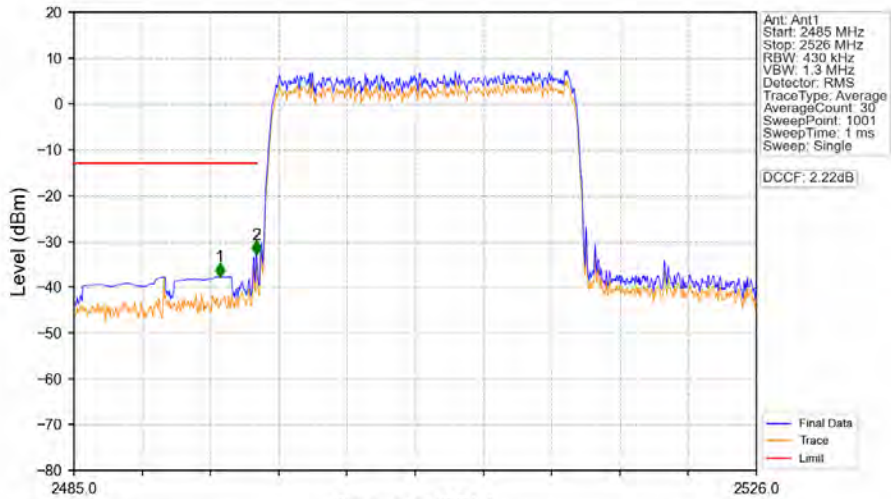
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_1\_0\_NTNV



Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_1\_0\_NTNV



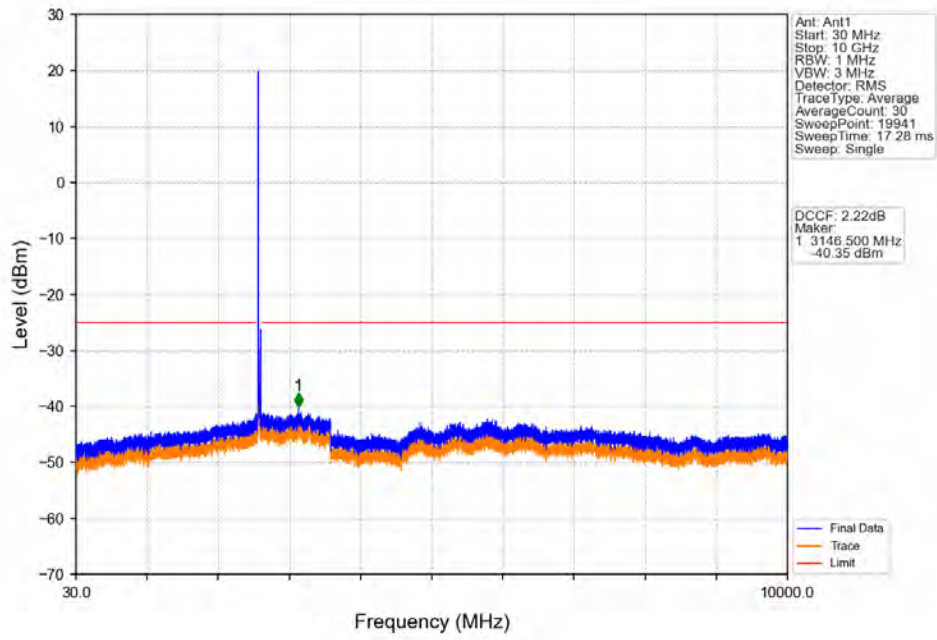
Band41\_20MHz\_16QAM\_LCH\_2506MHz\_RB\_100\_0\_NTNV



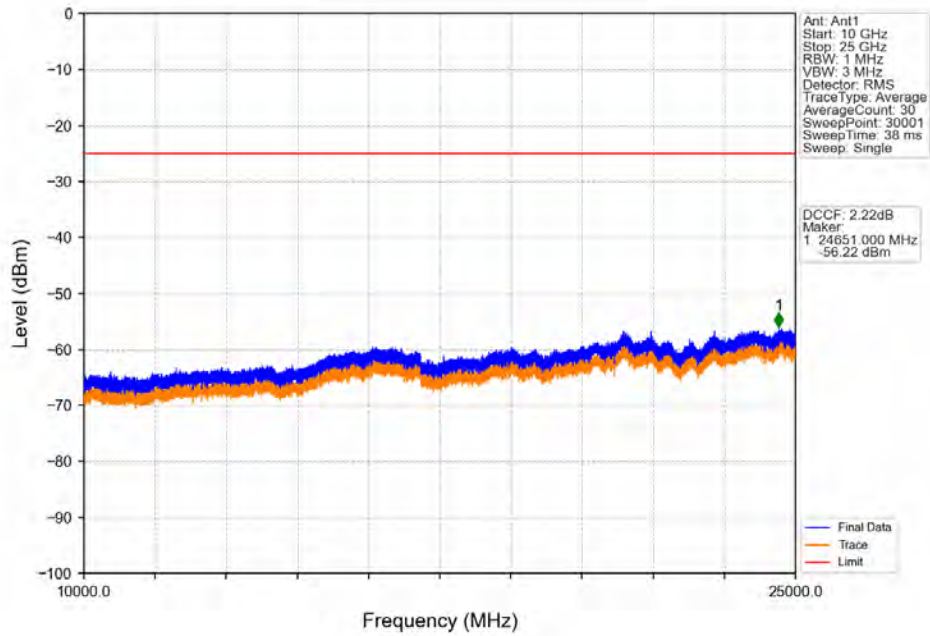
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2493.774	-37.77	-13	Pass
2495	2496	0.43	/	2	2495.947	-32.96	-13	Pass
2496	2526	0.43	/	/	/	/	/	/



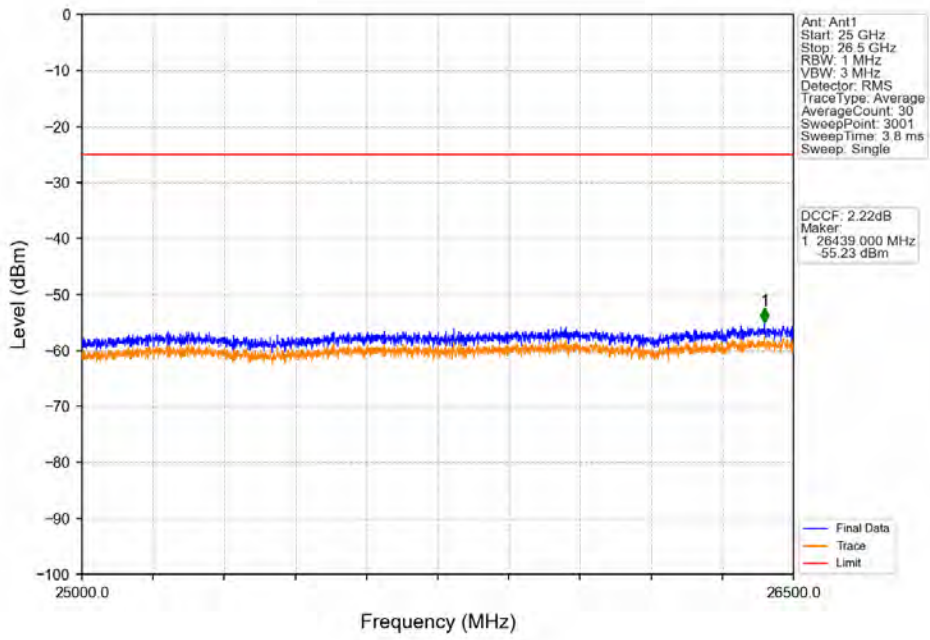
Band41\_20MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



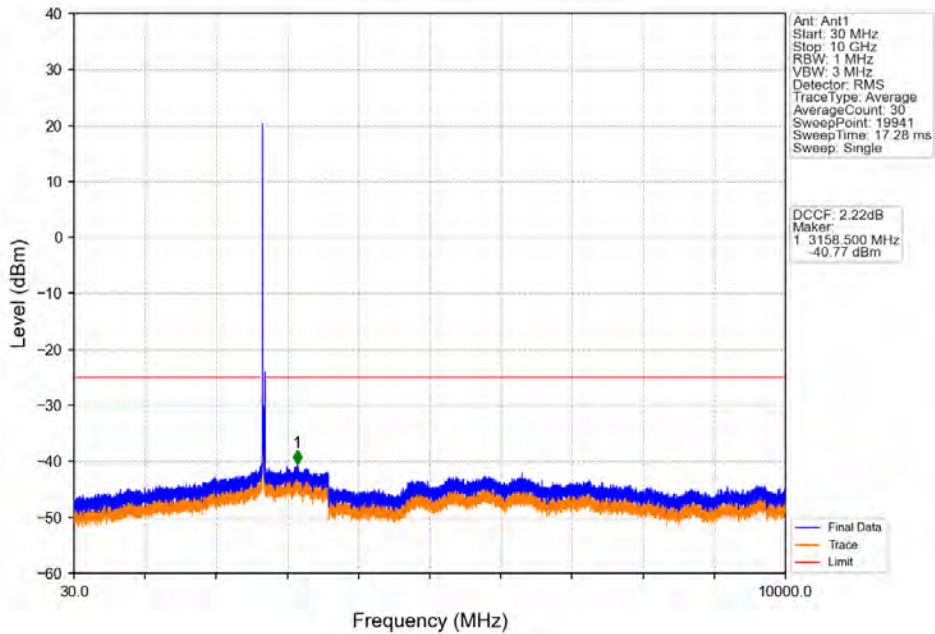
Band41\_20MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



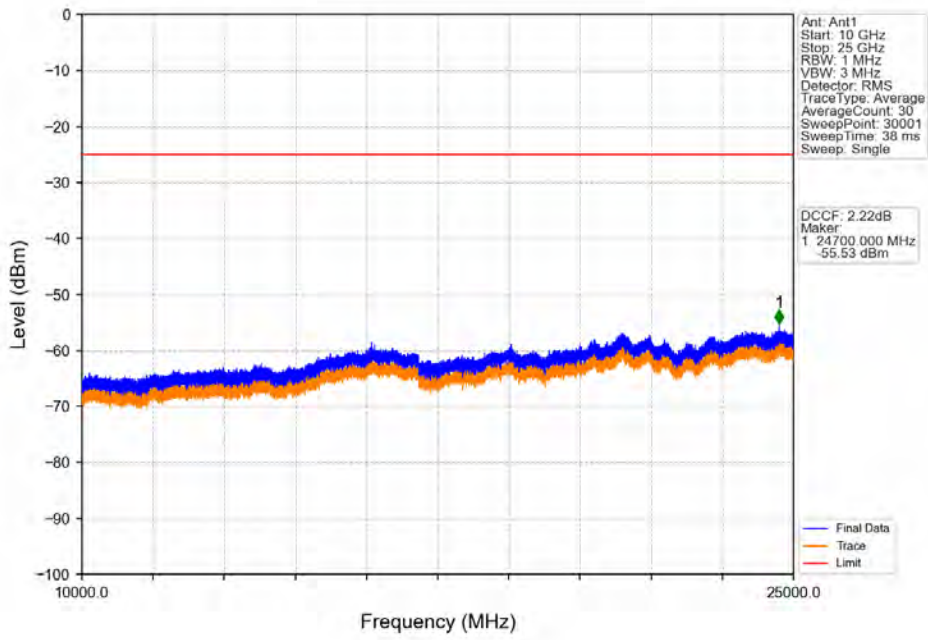
Band41\_20MHz\_16QAM\_MCH\_2593MHz\_RB\_1\_0\_NTNV



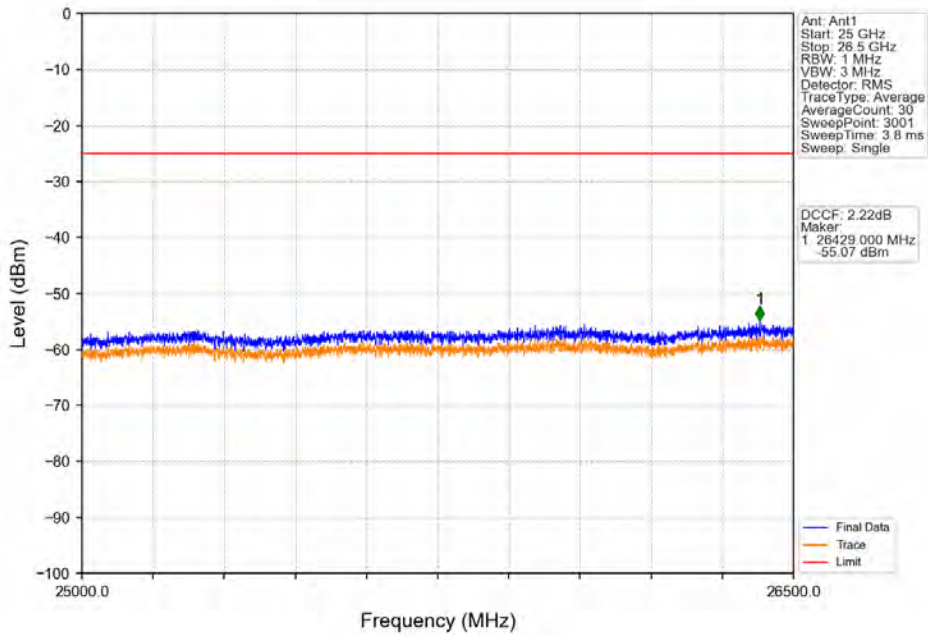
Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_1\_0\_NTNV



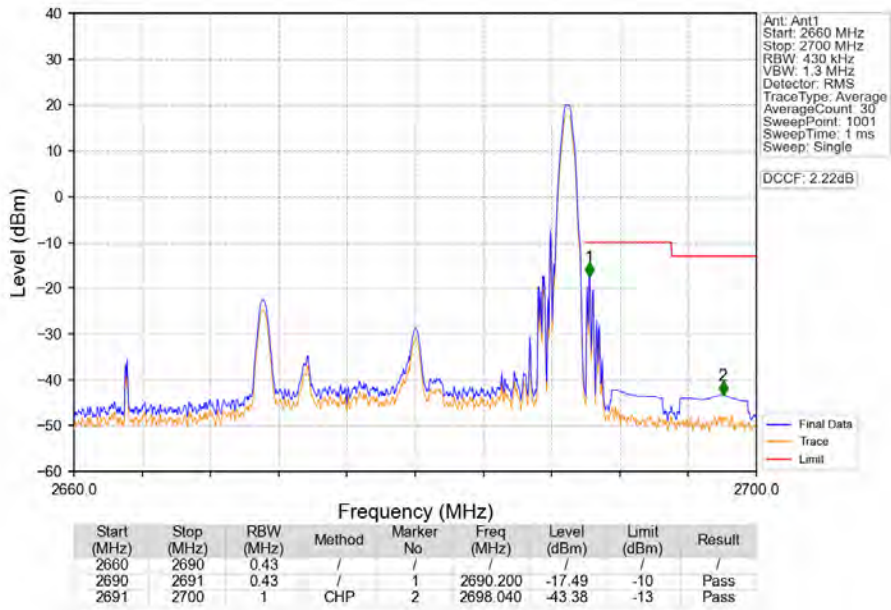
Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_1\_0\_NTNV



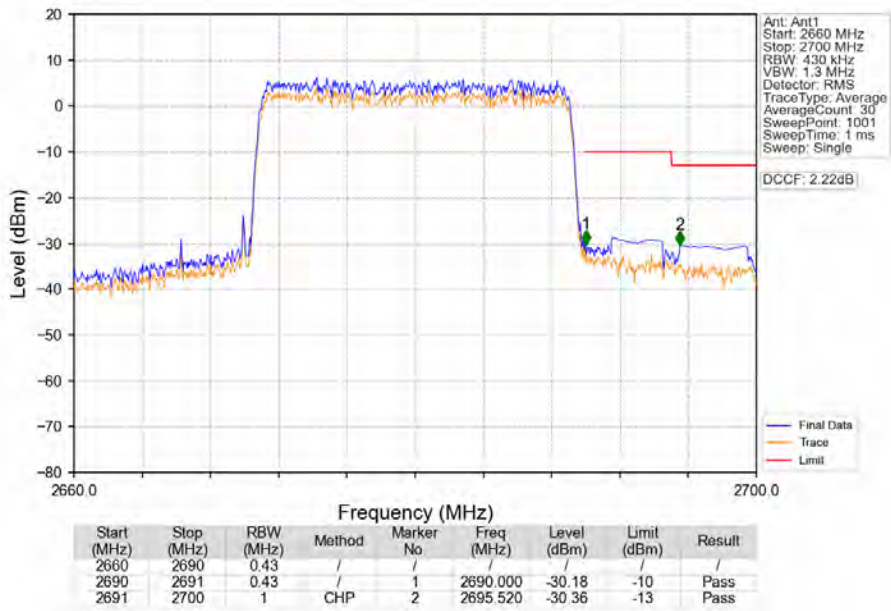
Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_1\_0\_NTNV



Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_1\_99\_NTNV



Band41\_20MHz\_16QAM\_HCH\_2680MHz\_RB\_100\_0\_NTNV



## 7. Form731

### 7.1 Test Result

#### 7.1.1 Form731\_Power

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	0.1734	0.2364	ppm	4M57G7D	27M	22.39
41	5	2498.5	2687.5	0.1429	0.0769	ppm	4M61W7D	27M	21.55
41	10	2501	2685	0.2028	0.0054	ppm	9M13G7D	27M	23.07
41	10	2501	2685	0.1486	0.0064	ppm	9M10W7D	27M	21.72
41	15	2503.5	2682.5	0.1954	0.0043	ppm	13M7G7D	27M	22.91
41	15	2503.5	2682.5	0.1542	0.0052	ppm	13M7W7D	27M	21.88
41	20	2506	2680	0.1905	0.0061	ppm	18M2G7D	27M	22.80
41	20	2506	2680	0.1563	0.0070	ppm	18M1W7D	27M	21.94

#### 7.1.2 Form731\_EIRP

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	0.1888	0.2364	ppm	4M57G7D	27M	22.76
41	5	2498.5	2687.5	0.1556	0.0769	ppm	4M61W7D	27M	21.92
41	10	2501	2685	0.2208	0.0054	ppm	9M13G7D	27M	23.44
41	10	2501	2685	0.1618	0.0064	ppm	9M10W7D	27M	22.09
41	15	2503.5	2682.5	0.2128	0.0043	ppm	13M7G7D	27M	23.28
41	15	2503.5	2682.5	0.1679	0.0052	ppm	13M7W7D	27M	22.25
41	20	2506	2680	0.2075	0.0061	ppm	18M2G7D	27M	23.17
41	20	2506	2680	0.1702	0.0070	ppm	18M1W7D	27M	22.31