

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2498.5	1	0	20.48	1.75	22.23	<=33.01	Pass		
			13	20.32	1.75	22.07	<=33.01	Pass		
			24	20.44	1.75	22.19	<=33.01	Pass		
		12	0	19.50	1.75	21.25	<=33.01	Pass		
			6	19.51	1.75	21.26	<=33.01	Pass		
			13	19.50	1.75	21.25	<=33.01	Pass		
		25	0	19.34	1.75	21.09	<=33.01	Pass		
		2593	1	0	19.99	1.75	21.74	<=33.01	Pass	
				13	20.05	1.75	21.80	<=33.01	Pass	
	24			19.99	1.75	21.74	<=33.01	Pass		
	12		0	18.64	1.75	20.39	<=33.01	Pass		
			6	18.64	1.75	20.39	<=33.01	Pass		
			13	18.82	1.75	20.57	<=33.01	Pass		
	25		0	18.84	1.75	20.59	<=33.01	Pass		
	2687.5		1	0	19.77	1.75	21.52	<=33.01	Pass	
				13	19.56	1.75	21.31	<=33.01	Pass	
		24		19.64	1.75	21.39	<=33.01	Pass		
		12	0	18.68	1.75	20.43	<=33.01	Pass		
			6	18.67	1.75	20.42	<=33.01	Pass		
			13	18.63	1.75	20.38	<=33.01	Pass		
		25	0	18.76	1.75	20.51	<=33.01	Pass		
		16QAM	2498.5	1	0	19.26	1.75	21.01	<=33.01	Pass
					13	19.71	1.75	21.46	<=33.01	Pass
	24				19.15	1.75	20.90	<=33.01	Pass	
12	0			18.40	1.75	20.15	<=33.01	Pass		
	6			18.35	1.75	20.10	<=33.01	Pass		
	13			18.29	1.75	20.04	<=33.01	Pass		
25	0			18.43	1.75	20.18	<=33.01	Pass		
2593	1			0	18.51	1.75	20.26	<=33.01	Pass	
				13	18.60	1.75	20.35	<=33.01	Pass	
			24	18.56	1.75	20.31	<=33.01	Pass		
	12		0	17.65	1.75	19.40	<=33.01	Pass		
			6	17.66	1.75	19.41	<=33.01	Pass		
			13	17.64	1.75	19.39	<=33.01	Pass		
	25		0	18.02	1.75	19.77	<=33.01	Pass		
	2687.5		1	0	18.68	1.75	20.43	<=33.01	Pass	
				13	18.71	1.75	20.46	<=33.01	Pass	
24				18.78	1.75	20.53	<=33.01	Pass		
12			0	17.51	1.75	19.26	<=33.01	Pass		
			6	17.53	1.75	19.28	<=33.01	Pass		
			13	17.72	1.75	19.47	<=33.01	Pass		
25			0	17.66	1.75	19.41	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTN								
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2501	1	0	20.64	1.75	22.39	<=33.01	Pass		
			25	20.47	1.75	22.22	<=33.01	Pass		
			49	20.50	1.75	22.25	<=33.01	Pass		
		25	0	19.53	1.75	21.28	<=33.01	Pass		
			13	19.73	1.75	21.48	<=33.01	Pass		
			25	19.62	1.75	21.37	<=33.01	Pass		
		50	0	19.64	1.75	21.39	<=33.01	Pass		
		2593	1	0	19.96	1.75	21.71	<=33.01	Pass	
				25	19.98	1.75	21.73	<=33.01	Pass	
	49			19.52	1.75	21.27	<=33.01	Pass		
	25		0	18.68	1.75	20.43	<=33.01	Pass		
			13	18.98	1.75	20.73	<=33.01	Pass		
			25	19.01	1.75	20.76	<=33.01	Pass		
	50		0	19.01	1.75	20.76	<=33.01	Pass		
	2685		1	0	19.80	1.75	21.55	<=33.01	Pass	
				25	19.83	1.75	21.58	<=33.01	Pass	
		49		19.77	1.75	21.52	<=33.01	Pass		
		25	0	18.58	1.75	20.33	<=33.01	Pass		
			13	18.63	1.75	20.38	<=33.01	Pass		
			25	18.76	1.75	20.51	<=33.01	Pass		
		50	0	18.62	1.75	20.37	<=33.01	Pass		
		16QAM	2501	1	0	19.42	1.75	21.17	<=33.01	Pass
					25	19.57	1.75	21.32	<=33.01	Pass
	49				19.48	1.75	21.23	<=33.01	Pass	
25	0			19.01	1.75	20.76	<=33.01	Pass		
	13			19.01	1.75	20.76	<=33.01	Pass		
	25			19.04	1.75	20.79	<=33.01	Pass		
50	0			18.40	1.75	20.15	<=33.01	Pass		
2593	1			0	19.43	1.75	21.18	<=33.01	Pass	
				25	19.41	1.75	21.16	<=33.01	Pass	
			49	19.46	1.75	21.21	<=33.01	Pass		
	25		0	18.32	1.75	20.07	<=33.01	Pass		
			13	18.28	1.75	20.03	<=33.01	Pass		
			25	18.27	1.75	20.02	<=33.01	Pass		
	50		0	18.03	1.75	19.78	<=33.01	Pass		
	2685		1	0	18.78	1.75	20.53	<=33.01	Pass	
				25	18.76	1.75	20.51	<=33.01	Pass	
49				18.62	1.75	20.37	<=33.01	Pass		
25			0	17.84	1.75	19.59	<=33.01	Pass		
			13	17.91	1.75	19.66	<=33.01	Pass		
			25	17.90	1.75	19.65	<=33.01	Pass		
50			0	17.59	1.75	19.34	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	20.39	1.75	22.14	<=33.01	Pass
			38	20.21	1.75	21.96	<=33.01	Pass
			74	20.30	1.75	22.05	<=33.01	Pass
		36	0	19.43	1.75	21.18	<=33.01	Pass
			18	19.22	1.75	20.97	<=33.01	Pass
			39	19.40	1.75	21.15	<=33.01	Pass

16QAM	2593	75	0	19.44	1.75	21.19	<=33.01	Pass	
			0	19.51	1.75	21.26	<=33.01	Pass	
			38	19.80	1.75	21.55	<=33.01	Pass	
			74	19.67	1.75	21.42	<=33.01	Pass	
		36	0	18.59	1.75	20.34	<=33.01	Pass	
			18	18.80	1.75	20.55	<=33.01	Pass	
			39	18.48	1.75	20.23	<=33.01	Pass	
			75	0	18.82	1.75	20.57	<=33.01	Pass
			0	19.56	1.75	21.31	<=33.01	Pass	
	2682.5	1	38	19.70	1.75	21.45	<=33.01	Pass	
			74	19.63	1.75	21.38	<=33.01	Pass	
			0	18.44	1.75	20.19	<=33.01	Pass	
		36	18	18.49	1.75	20.24	<=33.01	Pass	
			39	18.61	1.75	20.36	<=33.01	Pass	
			75	0	18.57	1.75	20.32	<=33.01	Pass
			0	19.11	1.75	20.86	<=33.01	Pass	
			38	18.84	1.75	20.59	<=33.01	Pass	
		2503.5	1	74	18.98	1.75	20.73	<=33.01	Pass
	0			18.45	1.75	20.20	<=33.01	Pass	
	18			18.25	1.75	20.00	<=33.01	Pass	
	36		39	18.20	1.75	19.95	<=33.01	Pass	
			75	0	18.44	1.75	20.19	<=33.01	Pass
			0	18.75	1.75	20.50	<=33.01	Pass	
	2593		1	38	18.84	1.75	20.59	<=33.01	Pass
74				18.57	1.75	20.32	<=33.01	Pass	
0				17.58	1.75	19.33	<=33.01	Pass	
36		18	17.63	1.75	19.38	<=33.01	Pass		
		39	17.61	1.75	19.36	<=33.01	Pass		
		75	0	17.60	1.75	19.35	<=33.01	Pass	
2682.5		1	0	18.14	1.75	19.89	<=33.01	Pass	
			38	18.15	1.75	19.90	<=33.01	Pass	
			74	18.22	1.75	19.97	<=33.01	Pass	
	36	0	17.62	1.75	19.37	<=33.01	Pass		
		18	17.57	1.75	19.32	<=33.01	Pass		
		39	17.53	1.75	19.28	<=33.01	Pass		
	75	0	17.48	1.75	19.23	<=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	20.31	1.75	22.06	<=33.01	Pass	
			50	20.37	1.75	22.12	<=33.01	Pass	
			99	20.07	1.75	21.82	<=33.01	Pass	
		50	0	19.20	1.75	20.95	<=33.01	Pass	
			25	19.30	1.75	21.05	<=33.01	Pass	
			50	19.19	1.75	20.94	<=33.01	Pass	
		100	0	19.33	1.75	21.08	<=33.01	Pass	
		2593	1	0	19.47	1.75	21.22	<=33.01	Pass
				50	19.79	1.75	21.54	<=33.01	Pass
	99			19.56	1.75	21.31	<=33.01	Pass	
	50		0	18.50	1.75	20.25	<=33.01	Pass	
			25	18.55	1.75	20.30	<=33.01	Pass	
			50	18.43	1.75	20.18	<=33.01	Pass	
	100	0	18.82	1.75	20.57	<=33.01	Pass		

16QAM	2680	1	0	19.57	1.75	21.32	<=33.01	Pass	
			50	19.63	1.75	21.38	<=33.01	Pass	
			99	19.59	1.75	21.34	<=33.01	Pass	
		50	0	18.63	1.75	20.38	<=33.01	Pass	
			25	18.57	1.75	20.32	<=33.01	Pass	
			50	18.59	1.75	20.34	<=33.01	Pass	
	100	0	18.36	1.75	20.11	<=33.01	Pass		
	2506	1	0	19.42	1.75	21.17	<=33.01	Pass	
			50	19.34	1.75	21.09	<=33.01	Pass	
			99	19.82	1.75	21.57	<=33.01	Pass	
			50	0	18.32	1.75	20.07	<=33.01	Pass
				25	18.38	1.75	20.13	<=33.01	Pass
50				18.35	1.75	20.10	<=33.01	Pass	
100		0	18.35	1.75	20.10	<=33.01	Pass		
2593		1	0	18.41	1.75	20.16	<=33.01	Pass	
			50	18.43	1.75	20.18	<=33.01	Pass	
			99	18.21	1.75	19.96	<=33.01	Pass	
		50	0	17.66	1.75	19.41	<=33.01	Pass	
			25	17.98	1.75	19.73	<=33.01	Pass	
			50	17.76	1.75	19.51	<=33.01	Pass	
100		0	17.78	1.75	19.53	<=33.01	Pass		
2680		1	0	18.47	1.75	20.22	<=33.01	Pass	
			50	18.71	1.75	20.46	<=33.01	Pass	
			99	18.78	1.75	20.53	<=33.01	Pass	
		50	0	17.62	1.75	19.37	<=33.01	Pass	
	25		17.61	1.75	19.36	<=33.01	Pass		
	50		17.57	1.75	19.32	<=33.01	Pass		
	100	0	17.59	1.75	19.34	<=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	-2.089	-0.0008	-2.5 to 2.5	Pass	
					3.85	-0.029	0.0000	-2.5 to 2.5	Pass	
					4.43	2.432	0.0010	-2.5 to 2.5	Pass	
				-30	3.85	-0.987	-0.0004	-2.5 to 2.5	Pass	
					-20	3.85	-2.303	-0.0009	-2.5 to 2.5	Pass
					-10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				0	0	3.85	3.476	0.0014	-2.5 to 2.5	Pass
					10	3.85	2.103	0.0008	-2.5 to 2.5	Pass
					30	3.85	3.347	0.0013	-2.5 to 2.5	Pass
	2593	25	0	20	3.85	0.415	0.0002	-2.5 to 2.5	Pass	
					40	3.85	2.732	0.0011	-2.5 to 2.5	Pass
					50	3.85	2.732	0.0011	-2.5 to 2.5	Pass
				20	3.27	1.159	0.0004	-2.5 to 2.5	Pass	
					3.85	2.503	0.0010	-2.5 to 2.5	Pass	
					4.43	-3.519	-0.0014	-2.5 to 2.5	Pass	
				-30	3.85	-1.316	-0.0005	-2.5 to 2.5	Pass	
					-20	3.85	1.402	0.0005	-2.5 to 2.5	Pass
					-10	3.85	2.203	0.0008	-2.5 to 2.5	Pass

				0	3.85	-3.133	-0.0012	-2.5 to 2.5	Pass				
				10	3.85	1.245	0.0005	-2.5 to 2.5	Pass				
				30	3.85	4.506	0.0017	-2.5 to 2.5	Pass				
				40	3.85	1.359	0.0005	-2.5 to 2.5	Pass				
				50	3.85	3.347	0.0013	-2.5 to 2.5	Pass				
	2687.5	25	0	20	3.27	2.103	0.0008	-2.5 to 2.5	Pass				
					3.85	1.130	0.0004	-2.5 to 2.5	Pass				
					4.43	-4.520	-0.0017	-2.5 to 2.5	Pass				
				-30	3.85	0.772	0.0003	-2.5 to 2.5	Pass				
				-20	3.85	-9.456	-0.0035	-2.5 to 2.5	Pass				
				-10	3.85	2.174	0.0008	-2.5 to 2.5	Pass				
				0	3.85	-4.134	-0.0015	-2.5 to 2.5	Pass				
				10	3.85	1.287	0.0005	-2.5 to 2.5	Pass				
				30	3.85	0.758	0.0003	-2.5 to 2.5	Pass				
				40	3.85	0.930	0.0003	-2.5 to 2.5	Pass				
				50	3.85	1.717	0.0006	-2.5 to 2.5	Pass				
				16QAM	2498.5	25	0	20	3.27	-1.473	-0.0006	-2.5 to 2.5	Pass
									3.85	-0.615	-0.0002	-2.5 to 2.5	Pass
									4.43	-1.431	-0.0006	-2.5 to 2.5	Pass
								-30	3.85	-1.259	-0.0005	-2.5 to 2.5	Pass
-20	3.85	1.945	0.0008					-2.5 to 2.5	Pass				
-10	3.85	-2.546	-0.0010					-2.5 to 2.5	Pass				
0	3.85	2.317	0.0009					-2.5 to 2.5	Pass				
10	3.85	3.276	0.0013					-2.5 to 2.5	Pass				
30	3.85	3.433	0.0014					-2.5 to 2.5	Pass				
40	3.85	-1.030	-0.0004					-2.5 to 2.5	Pass				
50	3.85	3.290	0.0013		-2.5 to 2.5	Pass							
2593	25	0	20		3.27	1.745	0.0007	-2.5 to 2.5	Pass				
					3.85	2.804	0.0011	-2.5 to 2.5	Pass				
					4.43	1.688	0.0007	-2.5 to 2.5	Pass				
			-30		3.85	2.275	0.0009	-2.5 to 2.5	Pass				
			-20		3.85	0.300	0.0001	-2.5 to 2.5	Pass				
			-10		3.85	1.059	0.0004	-2.5 to 2.5	Pass				
			0		3.85	-4.435	-0.0017	-2.5 to 2.5	Pass				
			10		3.85	1.774	0.0007	-2.5 to 2.5	Pass				
			30		3.85	-3.247	-0.0013	-2.5 to 2.5	Pass				
			40	3.85	4.148	0.0016	-2.5 to 2.5	Pass					
50	3.85	0.200	0.0001	-2.5 to 2.5	Pass								
2687.5	25	0	20	3.27	-5.064	-0.0019	-2.5 to 2.5	Pass					
				3.85	-6.094	-0.0023	-2.5 to 2.5	Pass					
				4.43	-3.991	-0.0015	-2.5 to 2.5	Pass					
			-30	3.85	1.473	0.0005	-2.5 to 2.5	Pass					
			-20	3.85	2.732	0.0010	-2.5 to 2.5	Pass					
			-10	3.85	-4.406	-0.0016	-2.5 to 2.5	Pass					
			0	3.85	3.490	0.0013	-2.5 to 2.5	Pass					
			10	3.85	3.204	0.0012	-2.5 to 2.5	Pass					
			30	3.85	4.907	0.0018	-2.5 to 2.5	Pass					
			40	3.85	1.688	0.0006	-2.5 to 2.5	Pass					
50	3.85	3.691	0.0014	-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	-0.515	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.329	-0.0001	-2.5 to 2.5	Pass

16QAM	2593	50	0		4.43	-0.501	-0.0002	-2.5 to 2.5	Pass						
				-30	3.85	0.172	0.0001	-2.5 to 2.5	Pass						
				-20	3.85	-0.515	-0.0002	-2.5 to 2.5	Pass						
				-10	3.85	0.014	0.0000	-2.5 to 2.5	Pass						
				0	3.85	3.018	0.0012	-2.5 to 2.5	Pass						
				10	3.85	0.272	0.0001	-2.5 to 2.5	Pass						
				30	3.85	4.449	0.0018	-2.5 to 2.5	Pass						
				40	3.85	3.204	0.0013	-2.5 to 2.5	Pass						
	50	3.85	3.576	0.0014	-2.5 to 2.5	Pass									
	2685	50	0	20	3.27	-1.616	-0.0006	-2.5 to 2.5	Pass						
					3.85	-1.845	-0.0007	-2.5 to 2.5	Pass						
					4.43	-2.089	-0.0008	-2.5 to 2.5	Pass						
				-30	3.85	-2.346	-0.0009	-2.5 to 2.5	Pass						
										-20	3.85	-2.131	-0.0008	-2.5 to 2.5	Pass
				0	3.85	2.203	0.0008	-2.5 to 2.5	Pass						
										10	3.85	2.189	0.0008	-2.5 to 2.5	Pass
	30	3.85	-2.661	-0.0010	-2.5 to 2.5	Pass									
	40	3.85	1.888	0.0007	-2.5 to 2.5	Pass									
	50	3.85	1.402	0.0005	-2.5 to 2.5	Pass									
	2685	50	0	20	3.27	-4.292	-0.0016	-2.5 to 2.5	Pass						
					3.85	1.731	0.0006	-2.5 to 2.5	Pass						
					4.43	0.830	0.0003	-2.5 to 2.5	Pass						
				-30	3.85	-3.948	-0.0015	-2.5 to 2.5	Pass						
										-20	3.85	4.134	0.0015	-2.5 to 2.5	Pass
				0	3.85	4.663	0.0017	-2.5 to 2.5	Pass						
										10	3.85	1.316	0.0005	-2.5 to 2.5	Pass
30	3.85	1.345	0.0005	-2.5 to 2.5	Pass										
40	3.85	1.903	0.0007	-2.5 to 2.5	Pass										
50	3.85	1.030	0.0004	-2.5 to 2.5	Pass										
2501	50	0	20	3.27	-0.787	-0.0003	-2.5 to 2.5	Pass							
				3.85	2.317	0.0009	-2.5 to 2.5	Pass							
				4.43	2.789	0.0011	-2.5 to 2.5	Pass							
			-30	3.85	2.260	0.0009	-2.5 to 2.5	Pass							
									-20	3.85	-1.230	-0.0005	-2.5 to 2.5	Pass	
															-10
			0	3.85	-2.131	-0.0009	-2.5 to 2.5	Pass							
									10	3.85	1.760	0.0007	-2.5 to 2.5	Pass	
30	3.85	-2.260	-0.0009	-2.5 to 2.5	Pass										
40	3.85	2.031	0.0008	-2.5 to 2.5	Pass										
50	3.85	3.262	0.0013	-2.5 to 2.5	Pass										
2593	50	0	20	3.27	0.873	0.0003	-2.5 to 2.5	Pass							
				3.85	-2.732	-0.0011	-2.5 to 2.5	Pass							
				4.43	-2.389	-0.0009	-2.5 to 2.5	Pass							
			-30	3.85	1.945	0.0008	-2.5 to 2.5	Pass							
									-20	3.85	-2.618	-0.0010	-2.5 to 2.5	Pass	
															-10
			0	3.85	-2.847	-0.0011	-2.5 to 2.5	Pass							
									10	3.85	3.233	0.0012	-2.5 to 2.5	Pass	
30	3.85	2.375	0.0009	-2.5 to 2.5	Pass										
40	3.85	0.787	0.0003	-2.5 to 2.5	Pass										
50	3.85	-3.161	-0.0012	-2.5 to 2.5	Pass										
2685	50	0	20	3.27	3.748	0.0014	-2.5 to 2.5	Pass							
				3.85	-3.347	-0.0012	-2.5 to 2.5	Pass							
				4.43	3.047	0.0011	-2.5 to 2.5	Pass							
			-30	3.85	-3.490	-0.0013	-2.5 to 2.5	Pass							
-20	3.85	3.119	0.0012	-2.5 to 2.5	Pass										
-10	3.85	2.933	0.0011	-2.5 to 2.5	Pass										

				0	3.85	1.402	0.0005	-2.5 to 2.5	Pass
				10	3.85	4.120	0.0015	-2.5 to 2.5	Pass
				30	3.85	-2.904	-0.0011	-2.5 to 2.5	Pass
				40	3.85	3.920	0.0015	-2.5 to 2.5	Pass
				50	3.85	2.460	0.0009	-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	-1.144	-0.0005	-2.5 to 2.5	Pass				
					3.85	-0.873	-0.0003	-2.5 to 2.5	Pass				
					4.43	0.257	0.0001	-2.5 to 2.5	Pass				
				-30	3.85	3.591	0.0014	-2.5 to 2.5	Pass				
					-20	3.85	-2.403	-0.0010	-2.5 to 2.5	Pass			
						-10	3.85	2.990	0.0012	-2.5 to 2.5	Pass		
				2593	75	0	20	3.85	-0.844	-0.0003	-2.5 to 2.5	Pass	
								10	3.85	2.046	0.0008	-2.5 to 2.5	Pass
								30	3.85	-1.273	-0.0005	-2.5 to 2.5	Pass
	40	3.85	3.362				0.0013	-2.5 to 2.5	Pass				
		50	3.85				1.874	0.0007	-2.5 to 2.5	Pass			
			3.27				2.632	0.0010	-2.5 to 2.5	Pass			
	2682.5	75	0				20	3.85	3.004	0.0012	-2.5 to 2.5	Pass	
								4.43	1.731	0.0007	-2.5 to 2.5	Pass	
				-30	3.85	1.845		0.0007	-2.5 to 2.5	Pass			
				-20	3.85	3.119	0.0012	-2.5 to 2.5	Pass				
					-10	3.85	1.845	0.0007	-2.5 to 2.5	Pass			
						0	3.85	4.764	0.0018	-2.5 to 2.5	Pass		
				2503.5	75	0	20	10	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
								30	3.85	-4.234	-0.0016	-2.5 to 2.5	Pass
	40	3.85	1.388					0.0005	-2.5 to 2.5	Pass			
	50	3.85	-0.272				-0.0001	-2.5 to 2.5	Pass				
		3.27	1.101				0.0004	-2.5 to 2.5	Pass				
		4.43	-0.229				-0.0001	-2.5 to 2.5	Pass				
	16QAM	2503.5	75				0	20	3.85	-5.822	-0.0022	-2.5 to 2.5	Pass
									-30	3.85	-5.722	-0.0021	-2.5 to 2.5
				-20	3.85	-4.878			-0.0018	-2.5 to 2.5	Pass		
-10					3.85	-5.693		-0.0021	-2.5 to 2.5	Pass			
2593				75	0	20		0	3.85	0.973	0.0004	-2.5 to 2.5	Pass
								10	3.85	-7.925	-0.0030	-2.5 to 2.5	Pass
						30		3.85	0.873	0.0003	-2.5 to 2.5	Pass	
								40	3.85	1.388	0.0005	-2.5 to 2.5	Pass
	50	3.85	-5.550				-0.0021	-2.5 to 2.5	Pass				
16QAM	2503.5	75	0	20	3.27	-0.443	-0.0002	-2.5 to 2.5	Pass				
					3.85	-1.860	-0.0007	-2.5 to 2.5	Pass				
					4.43	1.717	0.0007	-2.5 to 2.5	Pass				
				-30	3.85	-0.644	-0.0003	-2.5 to 2.5	Pass				
					-20	3.85	-2.203	-0.0009	-2.5 to 2.5	Pass			
						-10	3.85	2.761	0.0011	-2.5 to 2.5	Pass		
				2593	75	0	20	0	3.85	-0.973	-0.0004	-2.5 to 2.5	Pass
								10	3.85	2.890	0.0012	-2.5 to 2.5	Pass
							30	3.85	-1.245	-0.0005	-2.5 to 2.5	Pass	
40	3.85	3.805	0.0015					-2.5 to 2.5	Pass				
50	3.85	-2.189	-0.0009					-2.5 to 2.5	Pass				
2593	75	0	20				3.27	0.472	0.0002	-2.5 to 2.5	Pass		
				3.85	0.300	0.0001	-2.5 to 2.5	Pass					

					4.43	-4.406	-0.0017	-2.5 to 2.5	Pass	
				-30	3.85	-2.961	-0.0011	-2.5 to 2.5	Pass	
				-20	3.85	1.187	0.0005	-2.5 to 2.5	Pass	
				-10	3.85	0.987	0.0004	-2.5 to 2.5	Pass	
				0	3.85	-4.077	-0.0016	-2.5 to 2.5	Pass	
				10	3.85	-3.419	-0.0013	-2.5 to 2.5	Pass	
				30	3.85	1.817	0.0007	-2.5 to 2.5	Pass	
				40	3.85	-3.734	-0.0014	-2.5 to 2.5	Pass	
	50	3.85	1.330	0.0005	-2.5 to 2.5	Pass				
	2682.5	75		0	20	3.27	0.100	0.0000	-2.5 to 2.5	Pass
						3.85	1.402	0.0005	-2.5 to 2.5	Pass
						4.43	-7.982	-0.0030	-2.5 to 2.5	Pass
					-30	3.85	0.243	0.0001	-2.5 to 2.5	Pass
					-20	3.85	0.887	0.0003	-2.5 to 2.5	Pass
-10					3.85	-5.078	-0.0019	-2.5 to 2.5	Pass	
0	3.85	1.888	0.0007	-2.5 to 2.5	Pass					
10	3.85	-6.509	-0.0024	-2.5 to 2.5	Pass					
30	3.85	1.788	0.0007	-2.5 to 2.5	Pass					
40	3.85	-7.081	-0.0026	-2.5 to 2.5	Pass					
50	3.85	-6.080	-0.0023	-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	3.705	0.0015	-2.5 to 2.5	Pass			
					3.85	1.216	0.0005	-2.5 to 2.5	Pass			
					4.43	2.961	0.0012	-2.5 to 2.5	Pass			
				-30	3.85	0.415	0.0002	-2.5 to 2.5	Pass			
				-20	3.85	-0.930	-0.0004	-2.5 to 2.5	Pass			
				-10	3.85	2.375	0.0009	-2.5 to 2.5	Pass			
				0	3.85	-2.847	-0.0011	-2.5 to 2.5	Pass			
				10	3.85	3.219	0.0013	-2.5 to 2.5	Pass			
				30	3.85	-1.574	-0.0006	-2.5 to 2.5	Pass			
				40	3.85	-1.316	-0.0005	-2.5 to 2.5	Pass			
				50	3.85	1.888	0.0008	-2.5 to 2.5	Pass			
				2593	100	0	20	3.27	-3.505	-0.0014	-2.5 to 2.5	Pass
								3.85	-2.761	-0.0011	-2.5 to 2.5	Pass
								4.43	1.931	0.0007	-2.5 to 2.5	Pass
	-30	3.85	0.916				0.0004	-2.5 to 2.5	Pass			
	-20	3.85	-3.691				-0.0014	-2.5 to 2.5	Pass			
	-10	3.85	-4.191				-0.0016	-2.5 to 2.5	Pass			
	0	3.85	-4.377				-0.0017	-2.5 to 2.5	Pass			
	10	3.85	0.958				0.0004	-2.5 to 2.5	Pass			
	30	3.85	1.273				0.0005	-2.5 to 2.5	Pass			
	40	3.85	1.445				0.0006	-2.5 to 2.5	Pass			
	50	3.85	0.343	0.0001	-2.5 to 2.5	Pass						
	2680	100	0	20	3.27	-3.862	-0.0014	-2.5 to 2.5	Pass			
					3.85	0.930	0.0003	-2.5 to 2.5	Pass			
					4.43	1.187	0.0004	-2.5 to 2.5	Pass			
				-30	3.85	-5.050	-0.0019	-2.5 to 2.5	Pass			
				-20	3.85	-4.077	-0.0015	-2.5 to 2.5	Pass			
-10				3.85	0.658	0.0002	-2.5 to 2.5	Pass				
0				3.85	-4.349	-0.0016	-2.5 to 2.5	Pass				
10				3.85	-5.937	-0.0022	-2.5 to 2.5	Pass				
30	3.85	-5.364	-0.0020	-2.5 to 2.5	Pass							

16QAM	2506	100	0	40	3.85	-3.033	-0.0011	-2.5 to 2.5	Pass			
				50	3.85	-5.007	-0.0019	-2.5 to 2.5	Pass			
				20	3.27	2.174	0.0009	-2.5 to 2.5	Pass			
					3.85	-2.189	-0.0009	-2.5 to 2.5	Pass			
					4.43	-1.802	-0.0007	-2.5 to 2.5	Pass			
				-30	3.85	1.359	0.0005	-2.5 to 2.5	Pass			
				-20	3.85	2.003	0.0008	-2.5 to 2.5	Pass			
				-10	3.85	-0.873	-0.0003	-2.5 to 2.5	Pass			
				0	3.85	1.945	0.0008	-2.5 to 2.5	Pass			
				10	3.85	1.817	0.0007	-2.5 to 2.5	Pass			
				30	3.85	1.402	0.0006	-2.5 to 2.5	Pass			
				40	3.85	1.431	0.0006	-2.5 to 2.5	Pass			
				50	3.85	-1.159	-0.0005	-2.5 to 2.5	Pass			
				2593	100	0	20	3.27	1.516	0.0006	-2.5 to 2.5	Pass
								3.85	0.687	0.0003	-2.5 to 2.5	Pass
	4.43	-4.005	-0.0015					-2.5 to 2.5	Pass			
	-30	3.85	-4.435				-0.0017	-2.5 to 2.5	Pass			
	-20	3.85	2.303				0.0009	-2.5 to 2.5	Pass			
	-10	3.85	-3.490				-0.0013	-2.5 to 2.5	Pass			
	0	3.85	1.688				0.0007	-2.5 to 2.5	Pass			
	10	3.85	2.089				0.0008	-2.5 to 2.5	Pass			
	30	3.85	-3.834				-0.0015	-2.5 to 2.5	Pass			
	40	3.85	1.187				0.0005	-2.5 to 2.5	Pass			
	50	3.85	-3.762				-0.0015	-2.5 to 2.5	Pass			
	2680	100	0				20	3.27	1.717	0.0006	-2.5 to 2.5	Pass
								3.85	-5.794	-0.0022	-2.5 to 2.5	Pass
								4.43	-5.622	-0.0021	-2.5 to 2.5	Pass
							-30	3.85	-4.463	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-5.579	-0.0021	-2.5 to 2.5	Pass			
				-10	3.85	1.531	0.0006	-2.5 to 2.5	Pass			
0				3.85	0.958	0.0004	-2.5 to 2.5	Pass				
10				3.85	1.044	0.0004	-2.5 to 2.5	Pass				
30				3.85	-5.322	-0.0020	-2.5 to 2.5	Pass				
40				3.85	1.931	0.0007	-2.5 to 2.5	Pass				
50				3.85	-5.035	-0.0019	-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

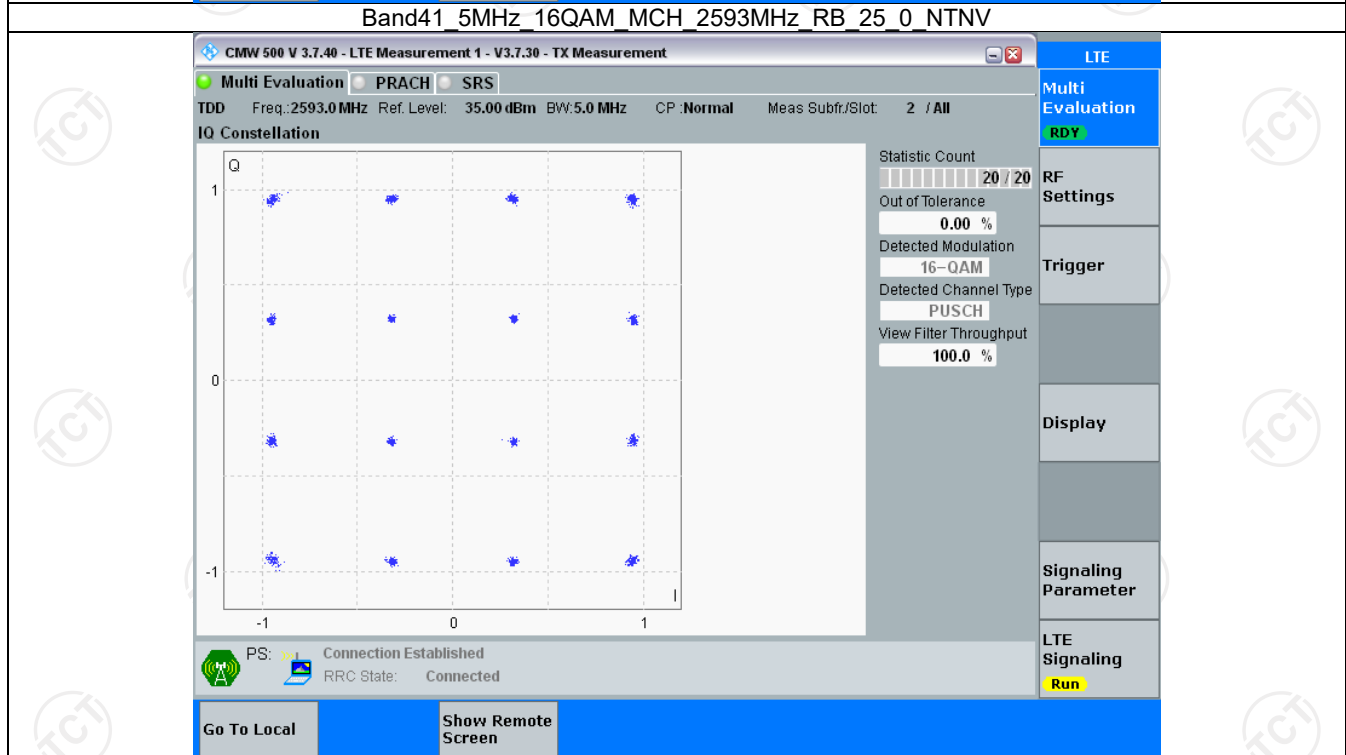
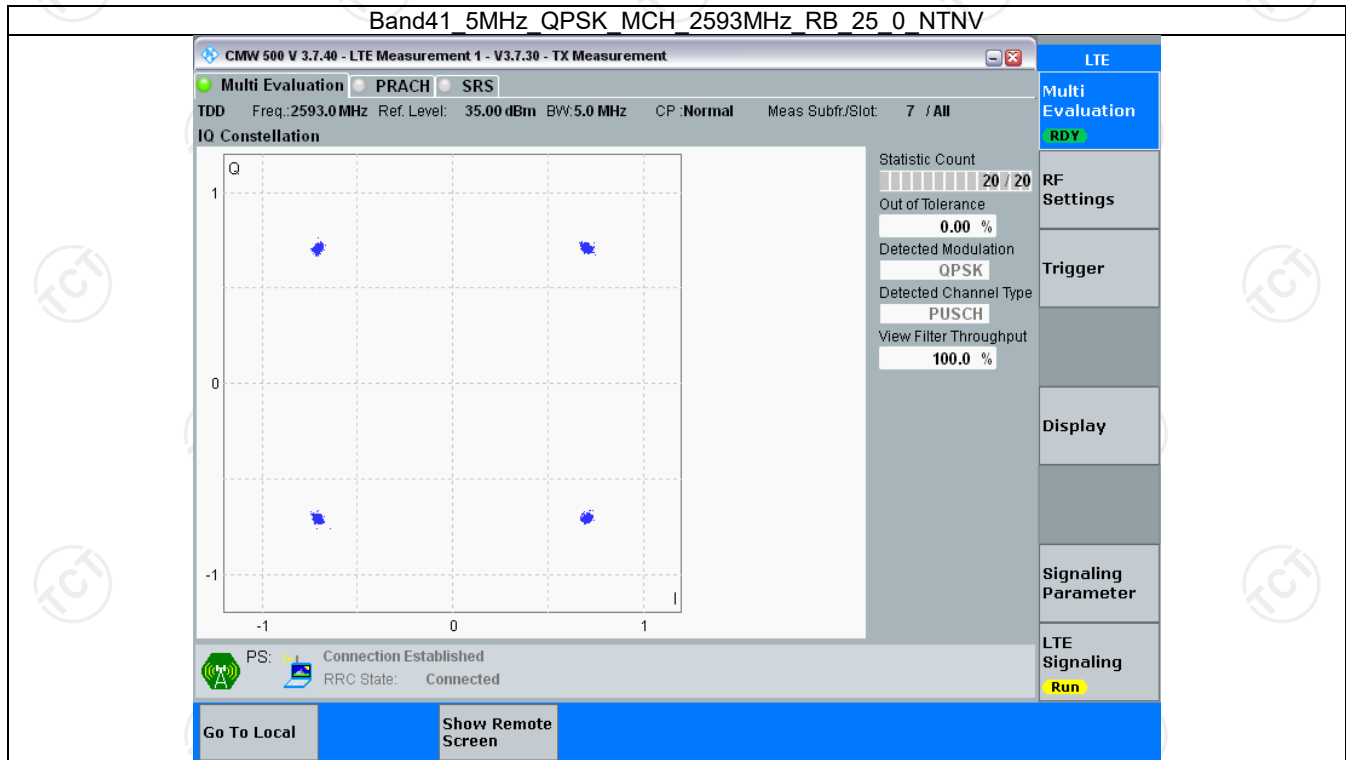
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	75	0	Refer To Test Graph		Pass
16QAM	2593	75	0	Refer To Test Graph		Pass

3.1.4 B41_20MHz

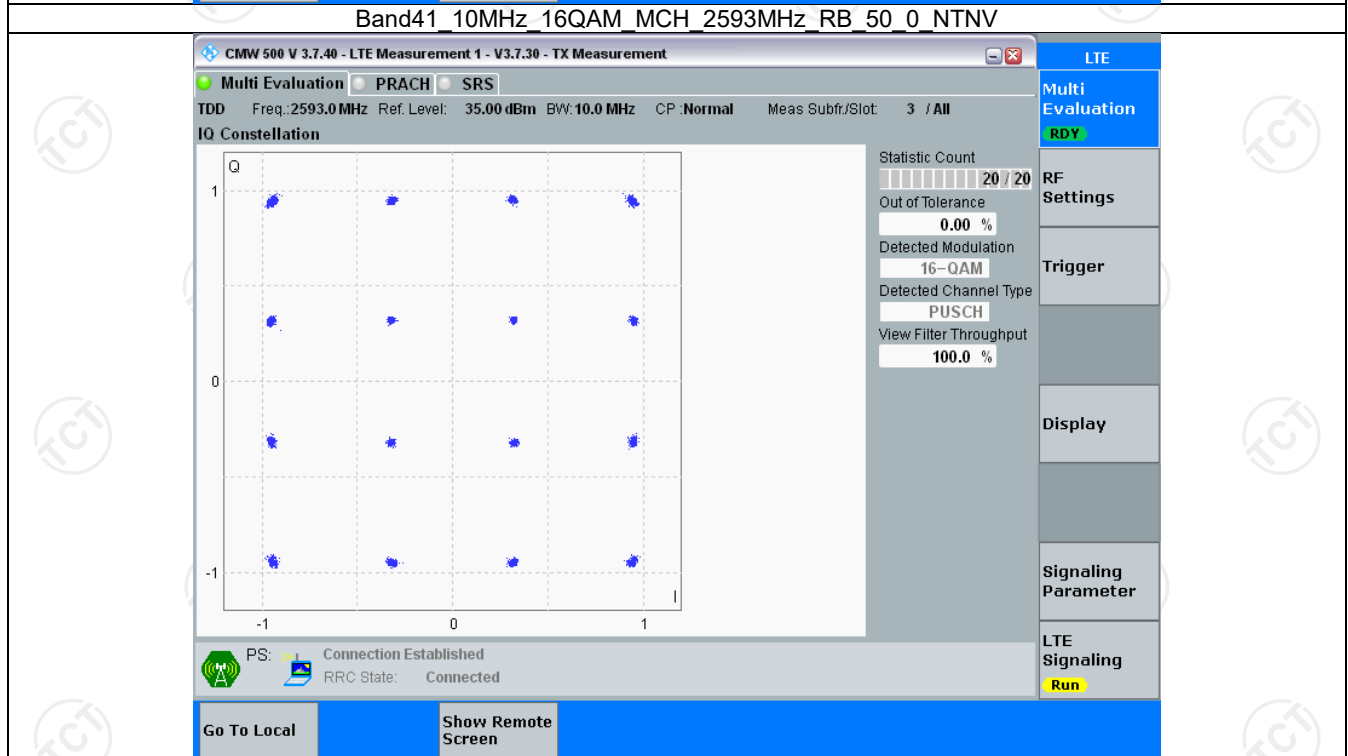
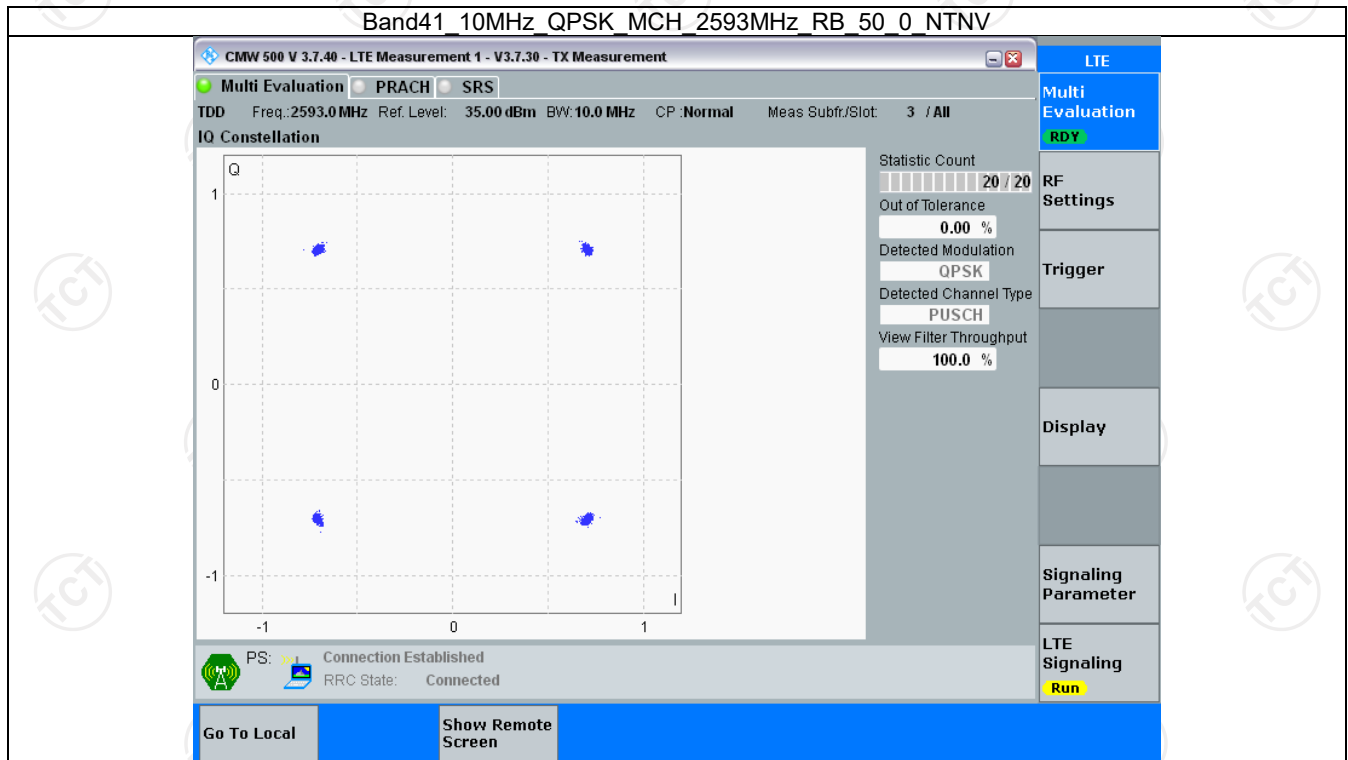
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	Refer To Test Graph		Pass
16QAM	2593	100	0	Refer To Test Graph		Pass

3.2 Test Graph

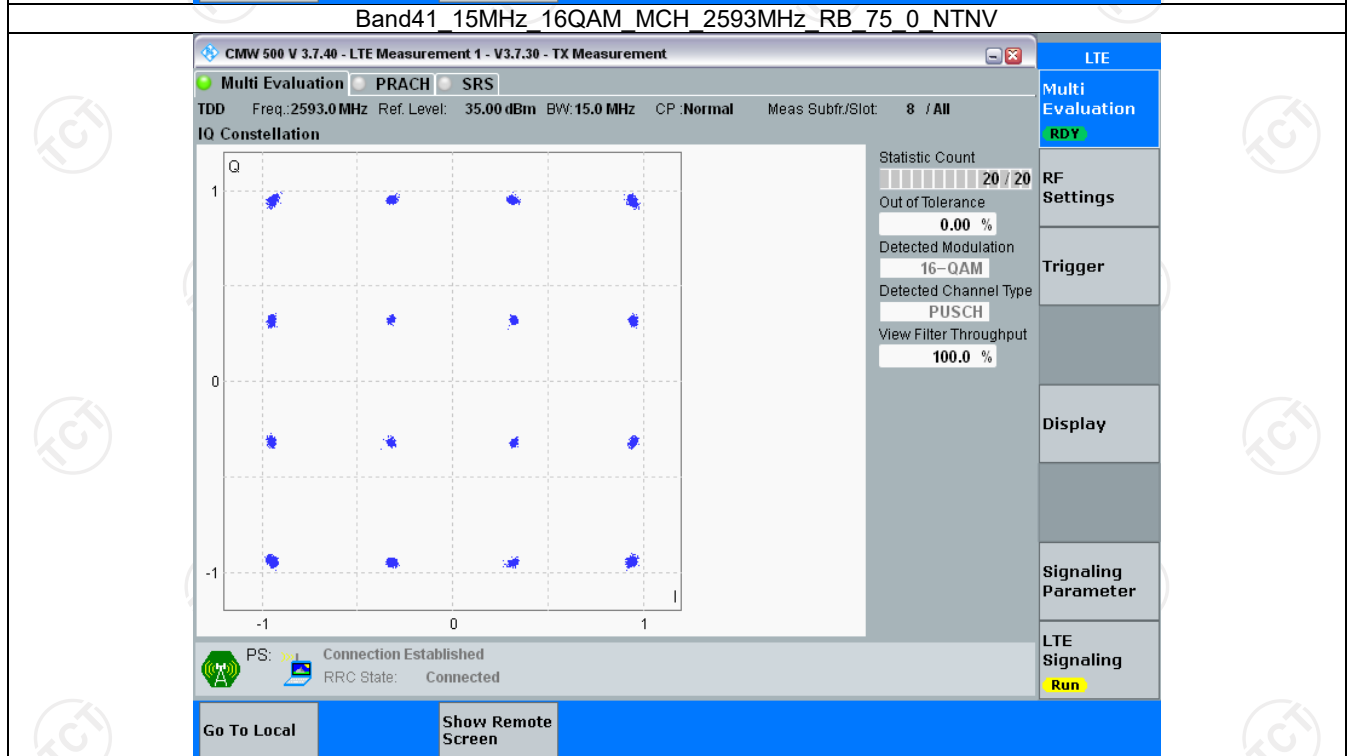
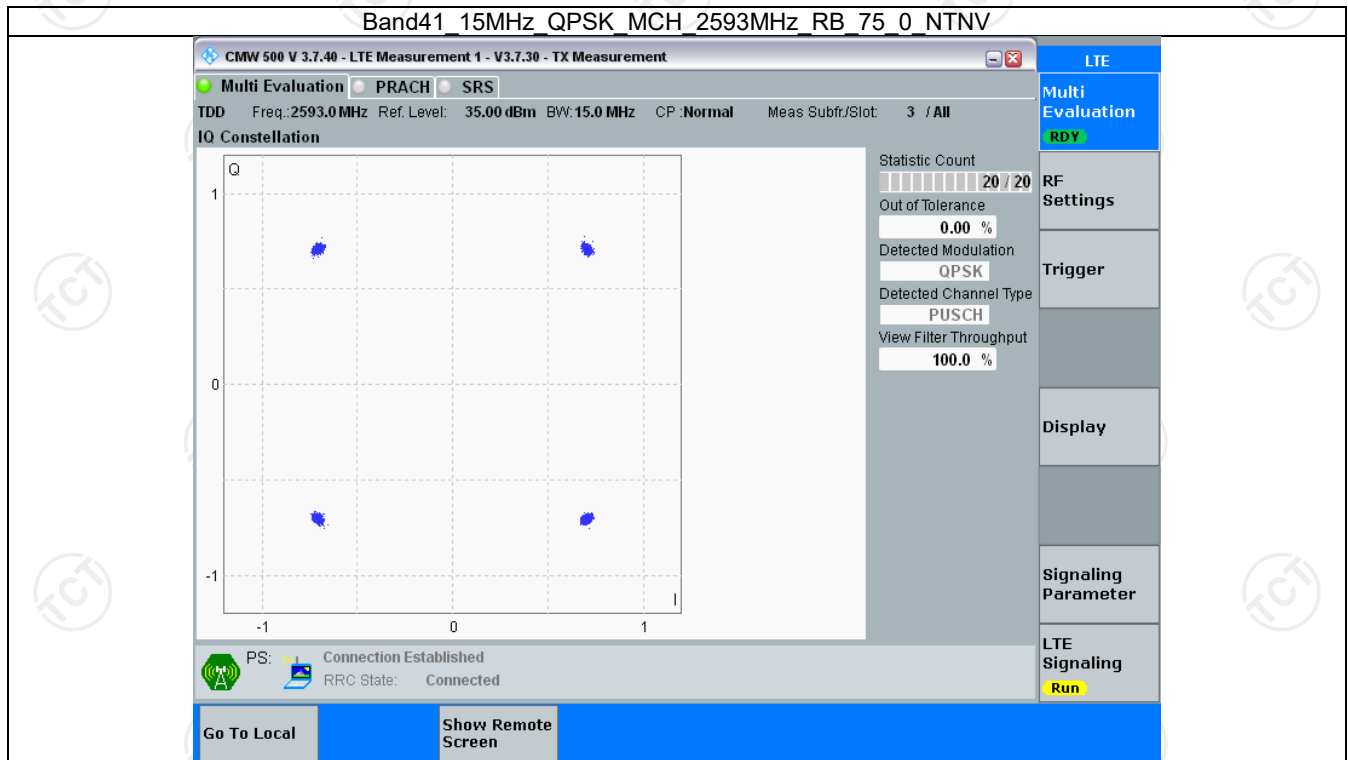
3.2.1 B41_5MHz



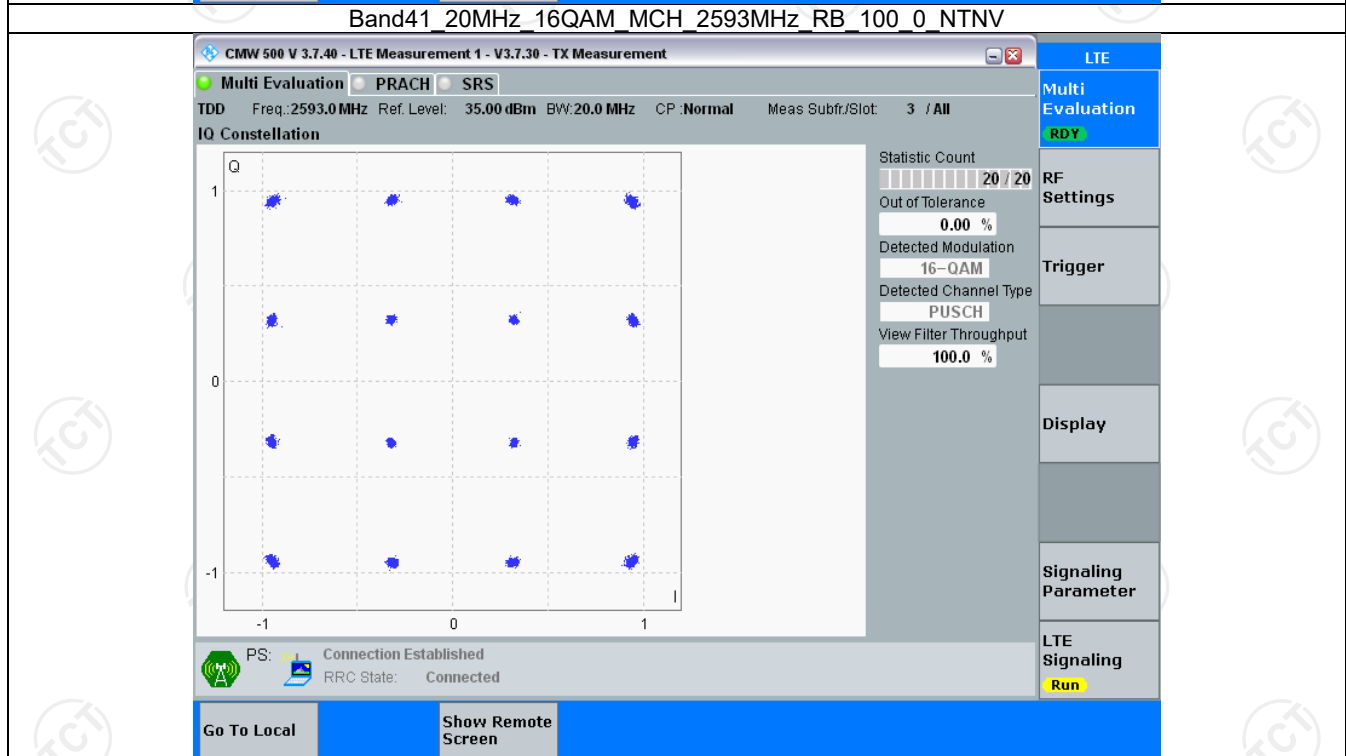
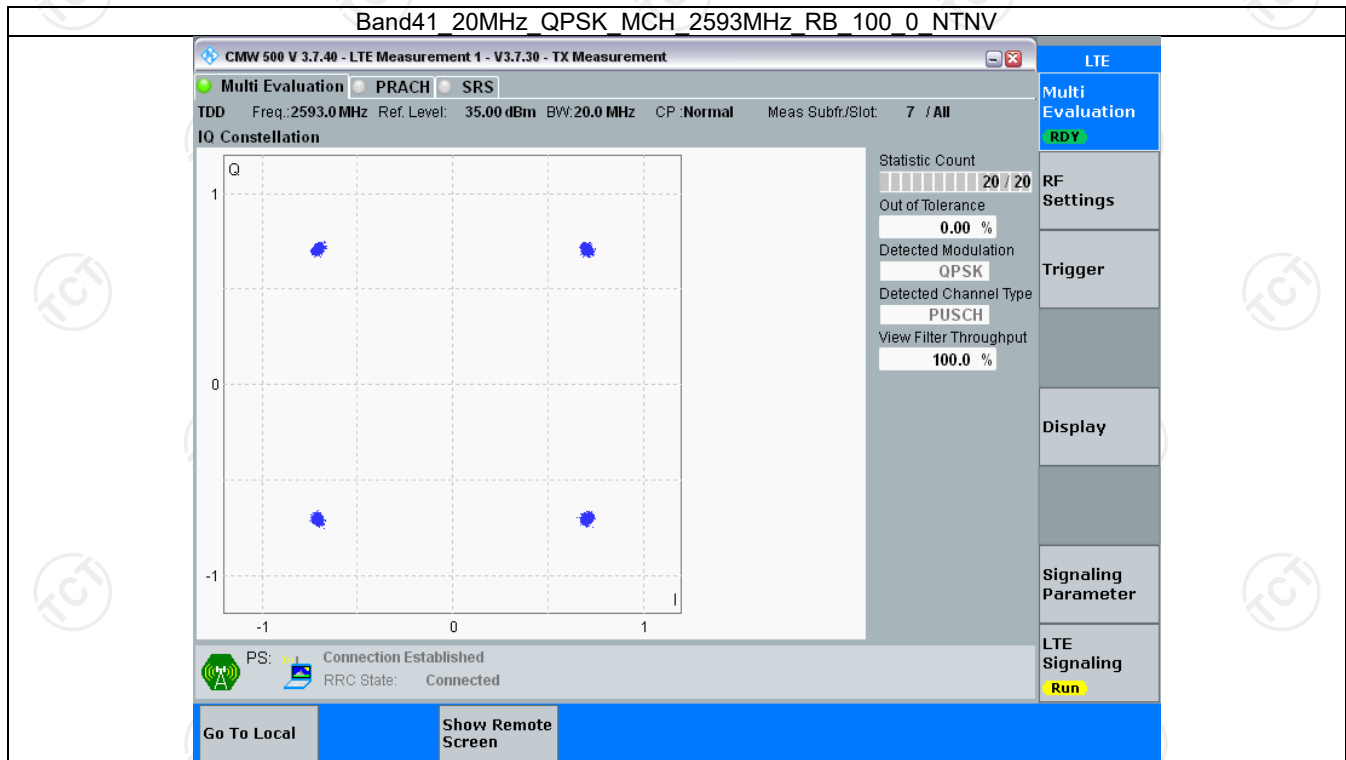
3.2.2 B41_10MHz



3.2.3 B41_15MHz



3.2.4 B41_20MHz



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	4.545	/	Pass
		2593	25	0	4.542	/	Pass
		2687.5	25	0	4.542	/	Pass
	16QAM	2498.5	25	0	4.600	/	Pass
		2593	25	0	4.563	/	Pass
		2687.5	25	0	4.533	/	Pass
10	QPSK	2501	50	0	9.081	/	Pass
		2593	50	0	9.054	/	Pass
		2685	50	0	9.031	/	Pass
	16QAM	2501	50	0	9.054	/	Pass
		2593	50	0	9.002	/	Pass
		2685	50	0	9.060	/	Pass
15	QPSK	2503.5	75	0	13.431	/	Pass
		2593	75	0	13.491	/	Pass
		2682.5	75	0	13.520	/	Pass
	16QAM	2503.5	75	0	13.569	/	Pass
		2593	75	0	13.561	/	Pass
		2682.5	75	0	13.542	/	Pass
20	QPSK	2506	100	0	18.000	/	Pass
		2593	100	0	18.014	/	Pass
		2680	100	0	18.014	/	Pass
	16QAM	2506	100	0	18.027	/	Pass
		2593	100	0	17.976	/	Pass
		2680	100	0	18.027	/	Pass

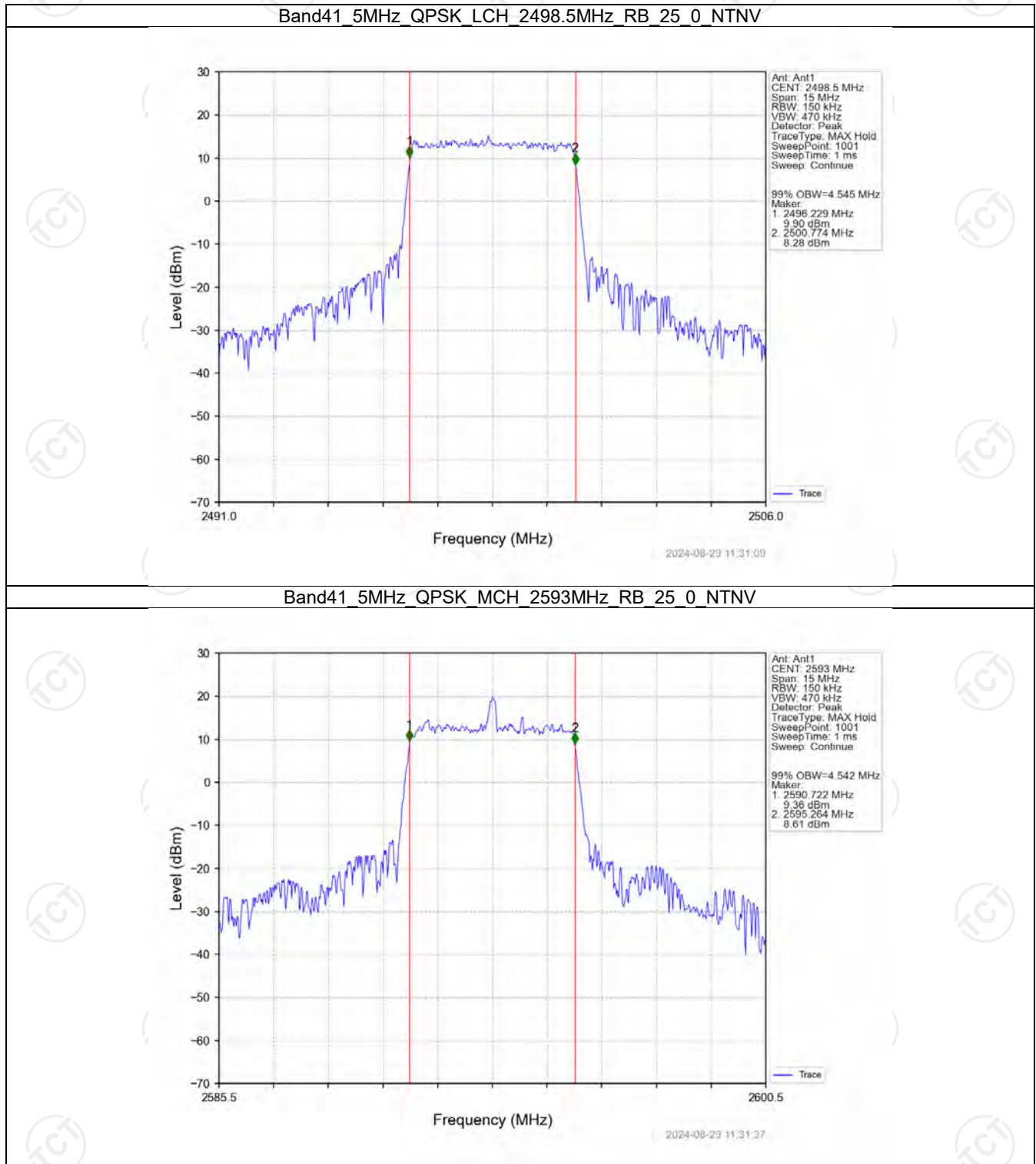
4.1.2 Band41_XDB

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.063	/	Pass
		2593	25	0	4.961	/	Pass
		2687.5	25	0	5.175	/	Pass
	16QAM	2498.5	25	0	5.069	/	Pass
		2593	25	0	4.955	/	Pass
		2687.5	25	0	5.055	/	Pass
10	QPSK	2501	50	0	10.006	/	Pass
		2593	50	0	10.041	/	Pass
		2685	50	0	9.830	/	Pass
	16QAM	2501	50	0	9.885	/	Pass
		2593	50	0	9.730	/	Pass
		2685	50	0	9.763	/	Pass
15	QPSK	2503.5	75	0	14.489	/	Pass
		2593	75	0	14.547	/	Pass
		2682.5	75	0	14.681	/	Pass

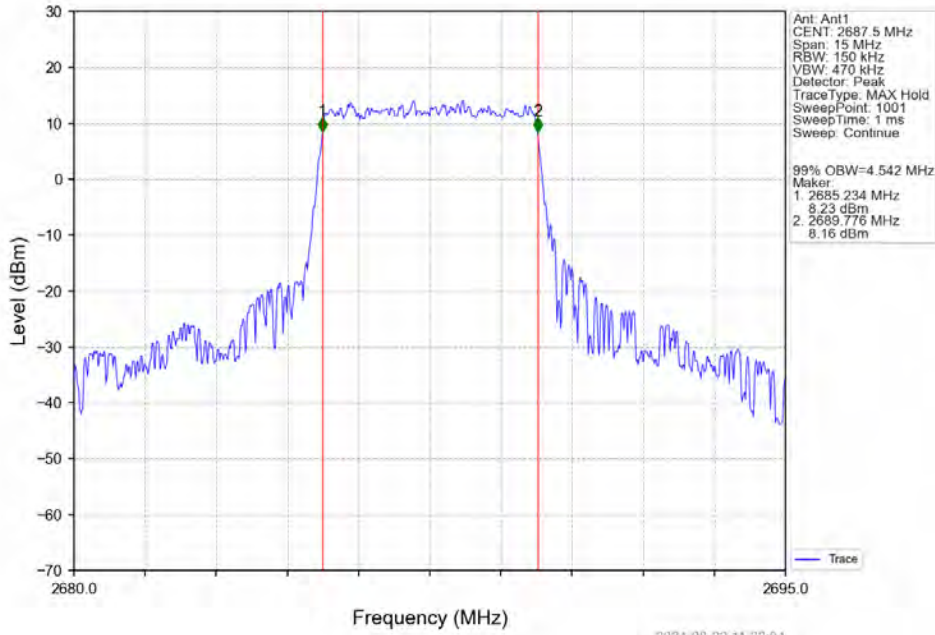
20	16QAM	2503.5	75	0	16.430	/	Pass
		2593	75	0	14.934	/	Pass
		2682.5	75	0	14.635	/	Pass
	QPSK	2506	100	0	19.572	/	Pass
		2593	100	0	19.553	/	Pass
		2680	100	0	19.424	/	Pass
	16QAM	2506	100	0	20.475	/	Pass
		2593	100	0	19.417	/	Pass
		2680	100	0	20.416	/	Pass

4.2 Test Graph

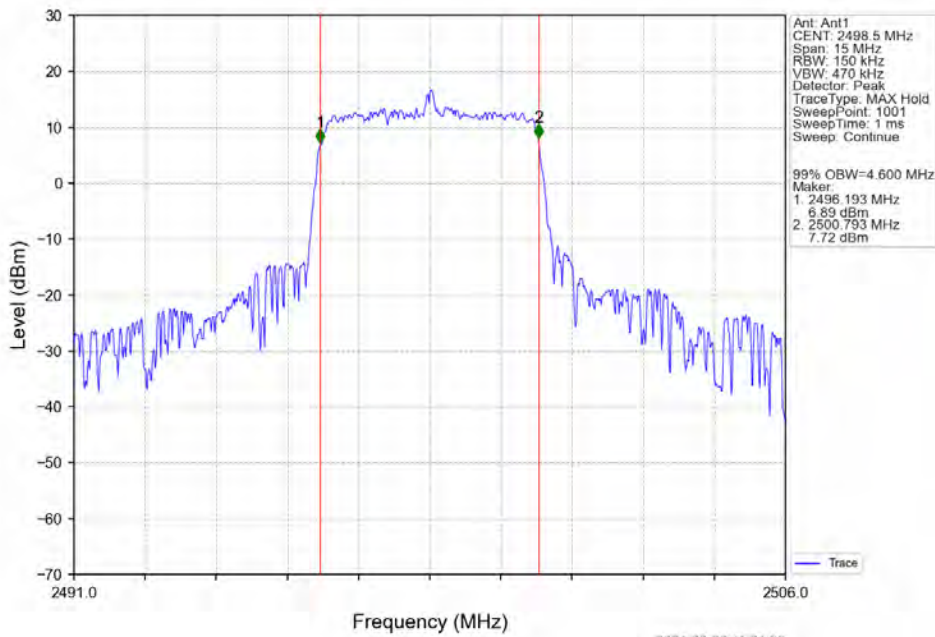
4.2.1 Band41_OBW



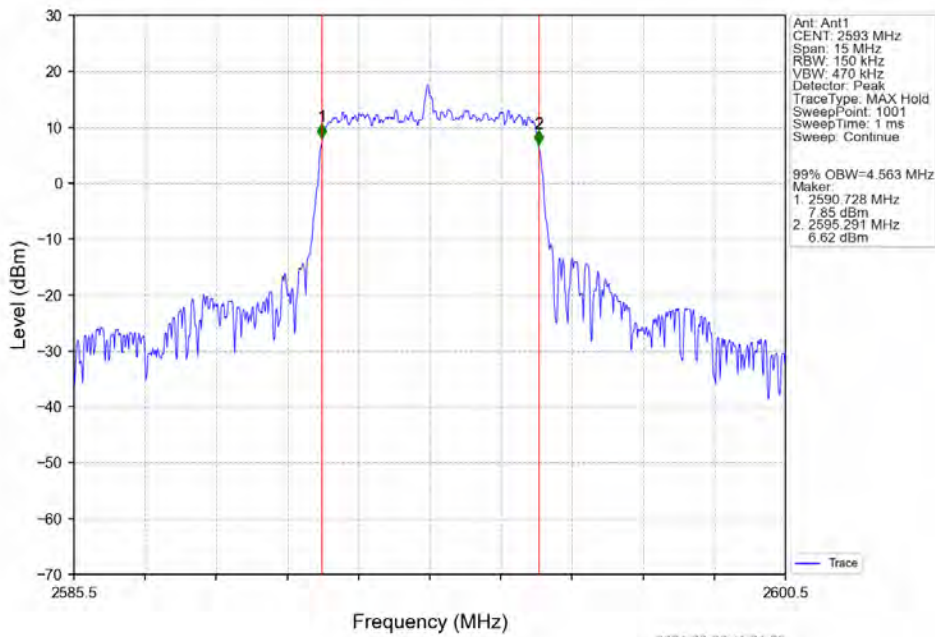
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTV



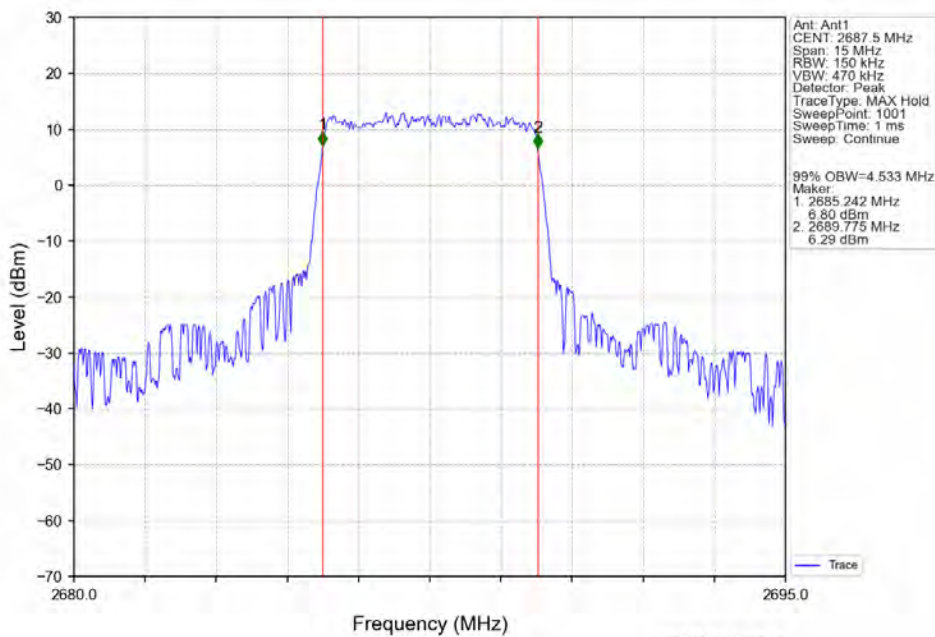
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTV



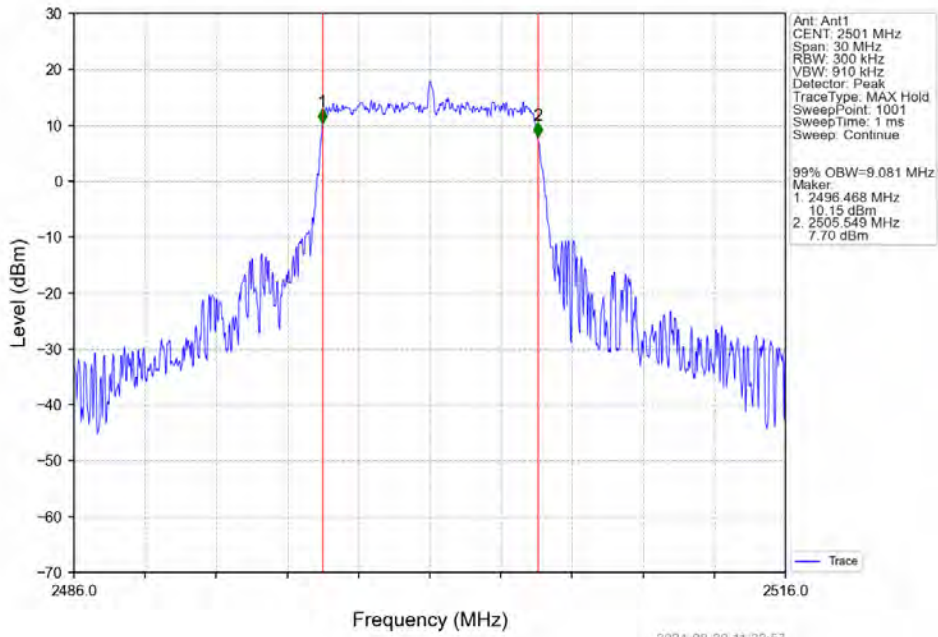
Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTNV



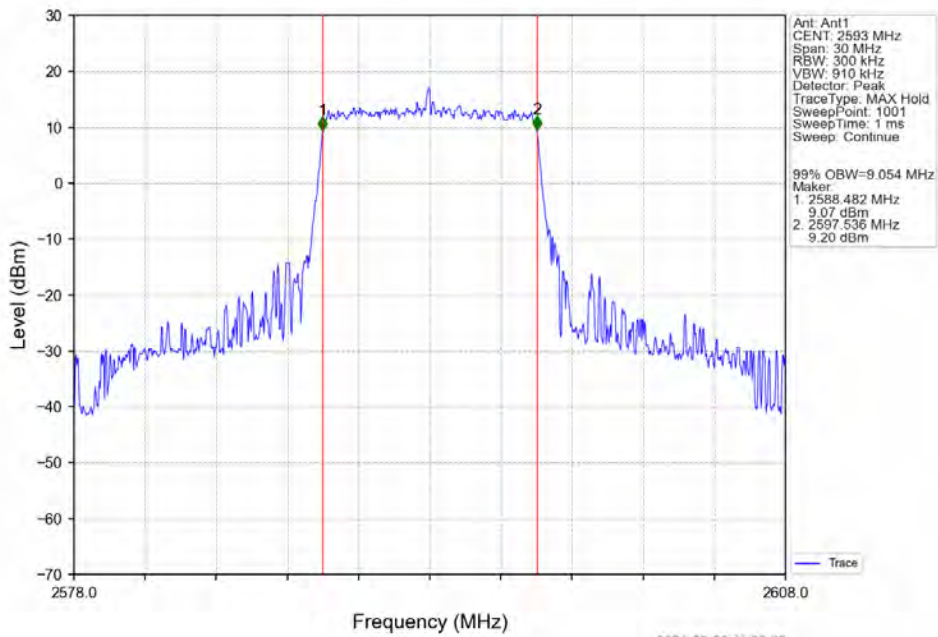
Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV



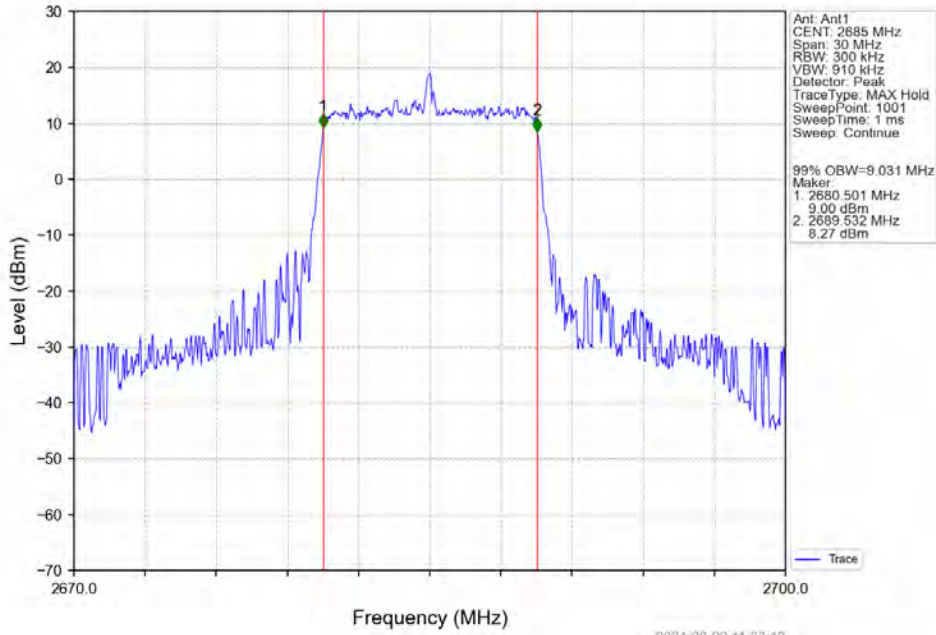
Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTV



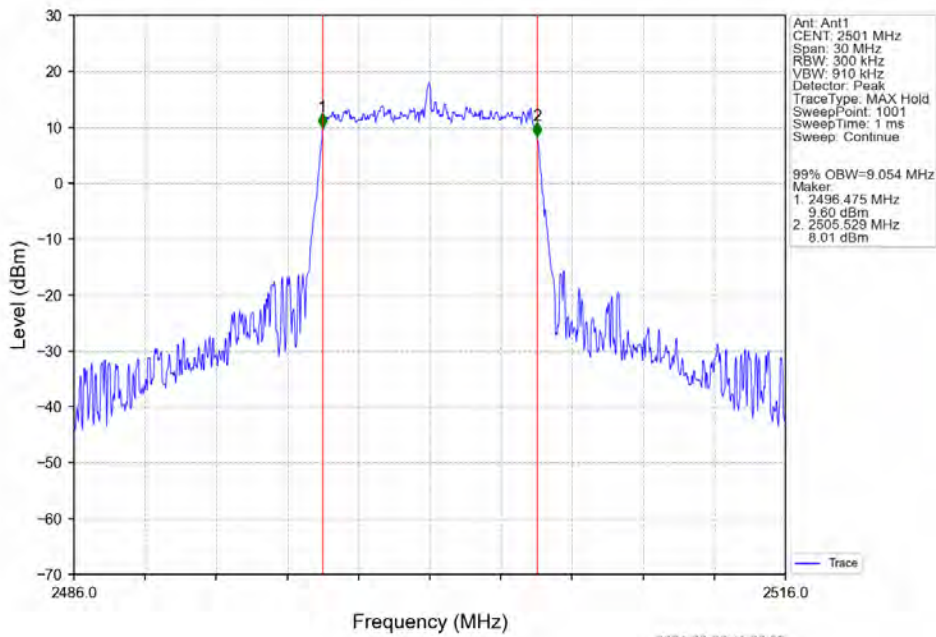
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTV



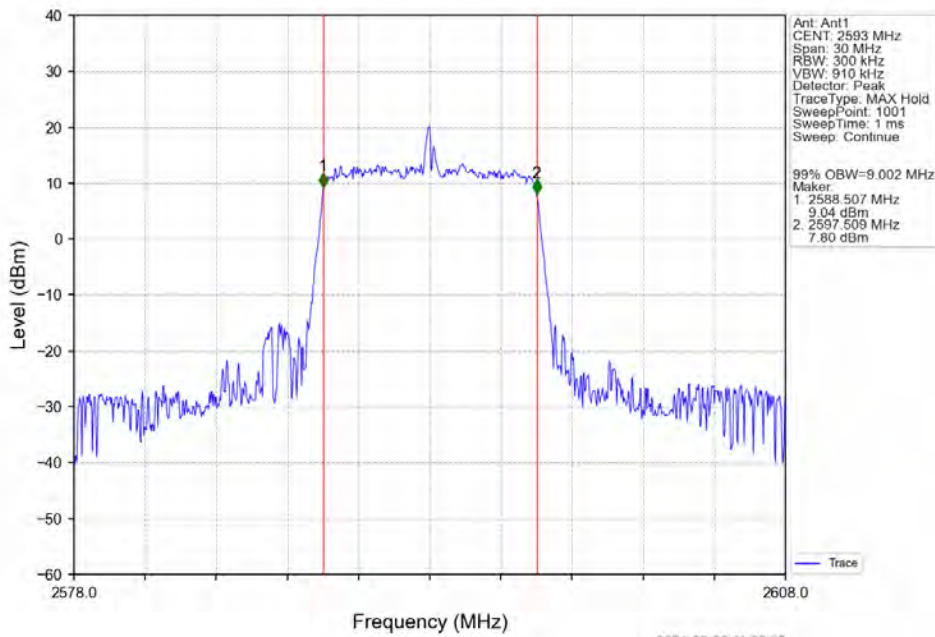
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV



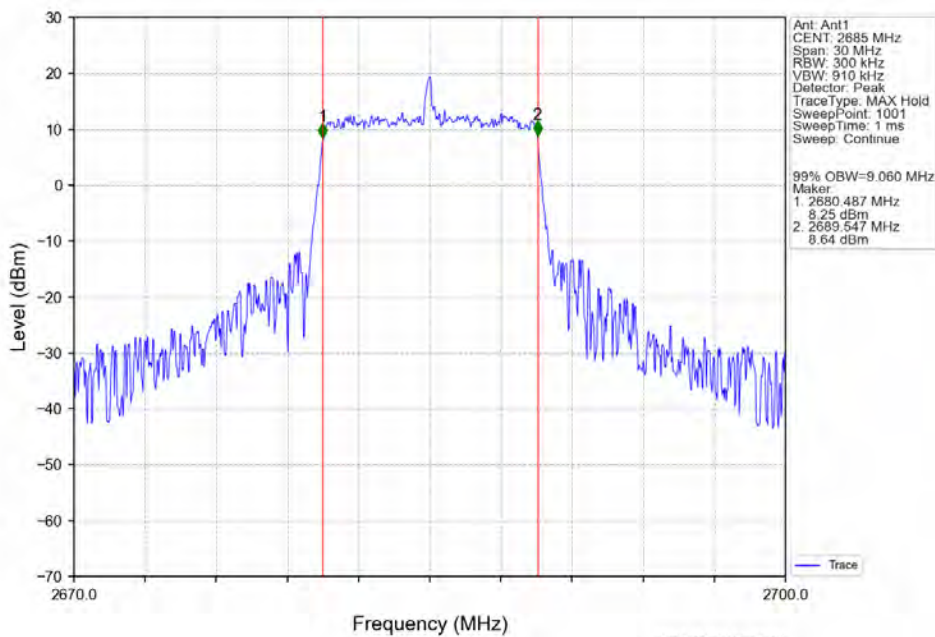
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTV



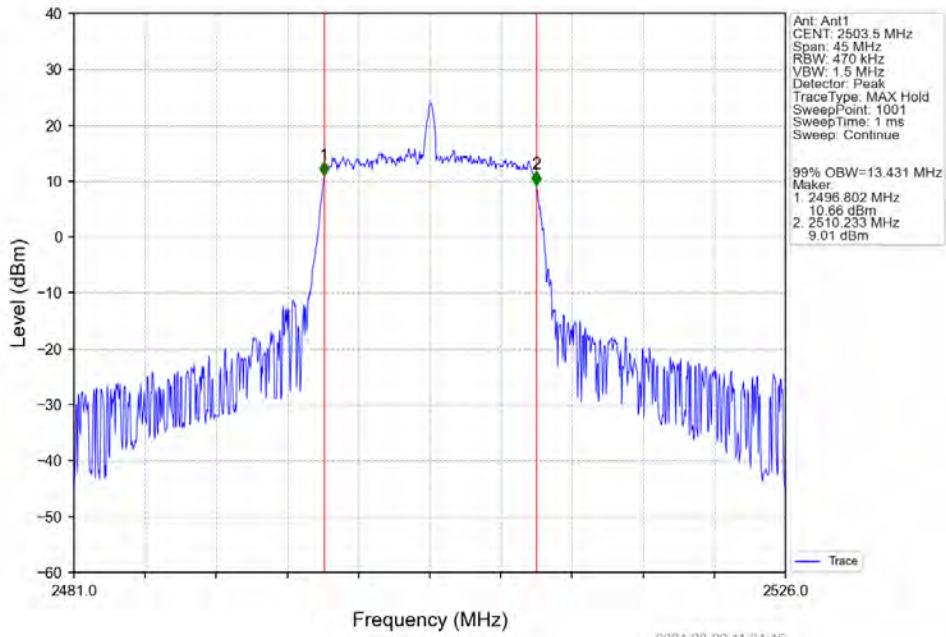
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTN



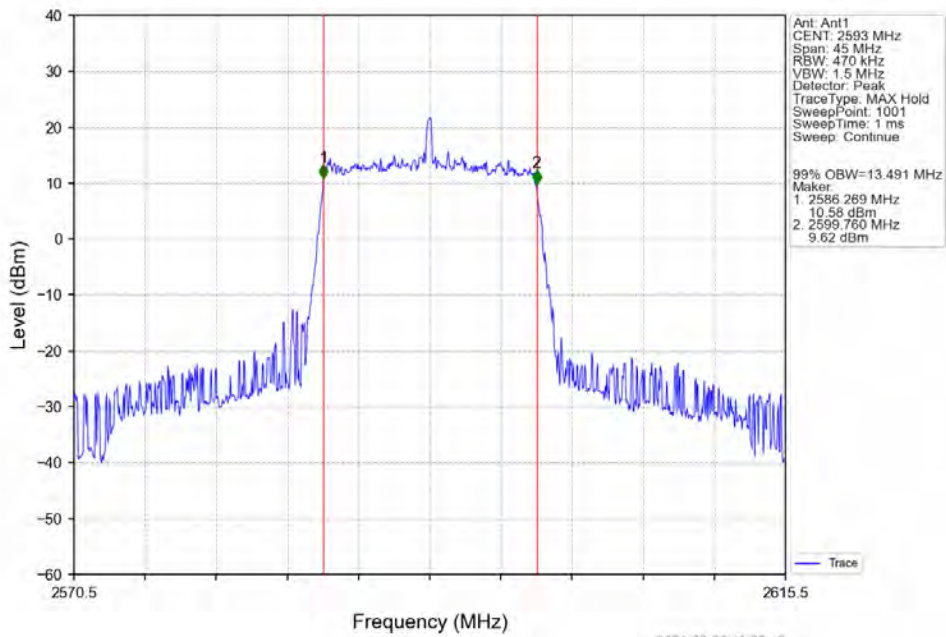
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTN



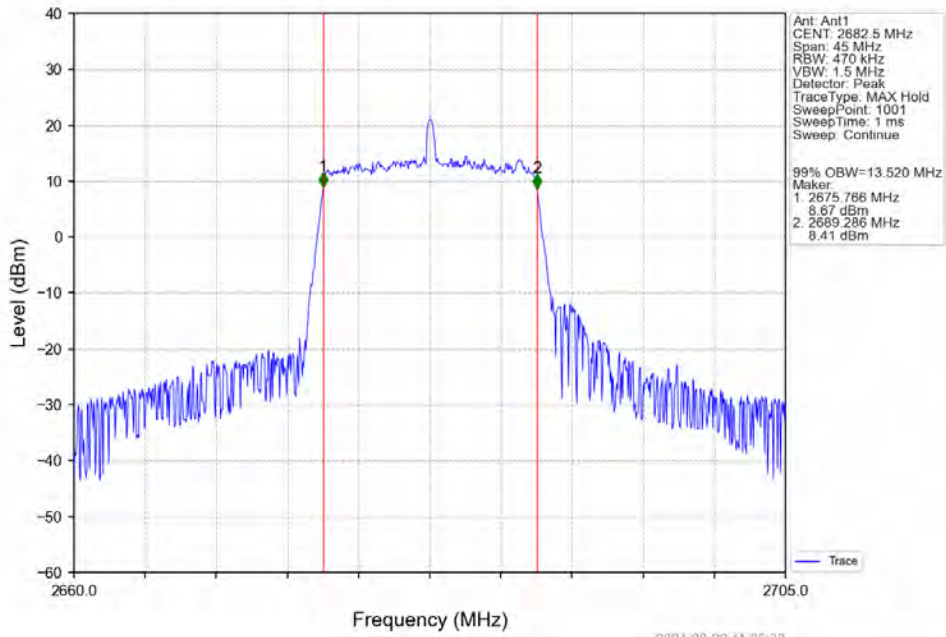
Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTV



Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTV

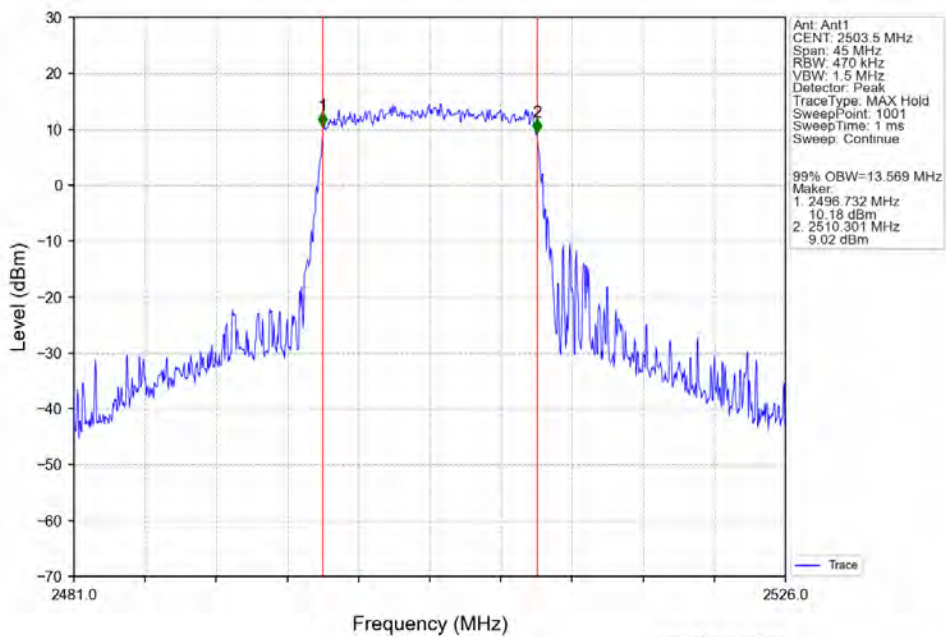


Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTN



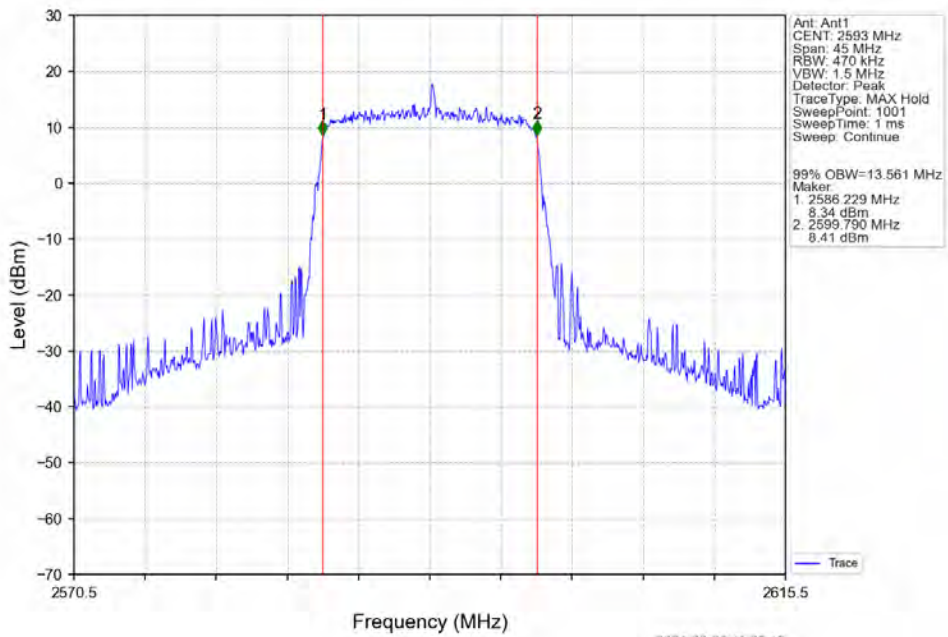
2024-08-29 11:35:38

Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTN



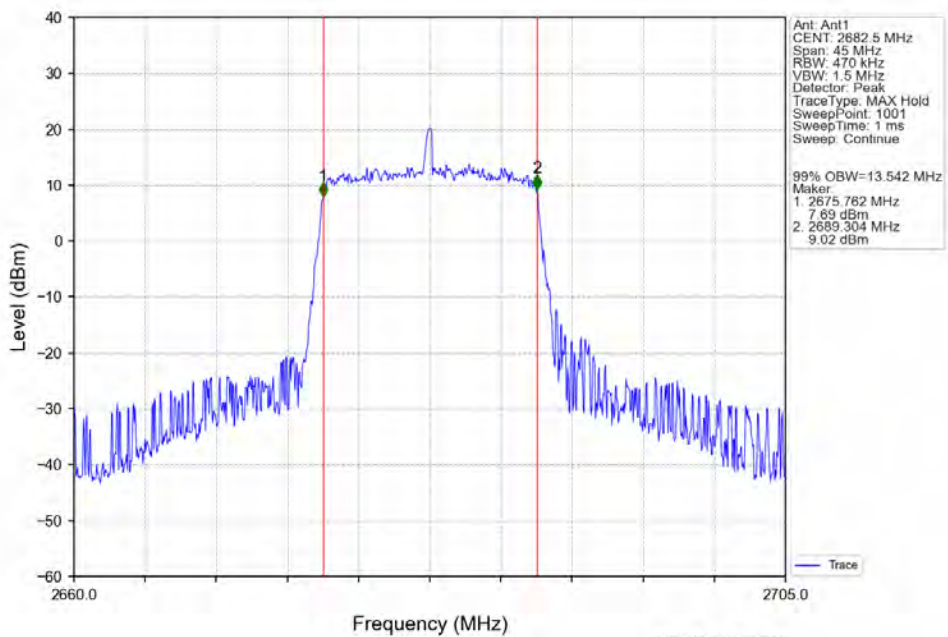
2024-08-29 11:34:56

Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTN



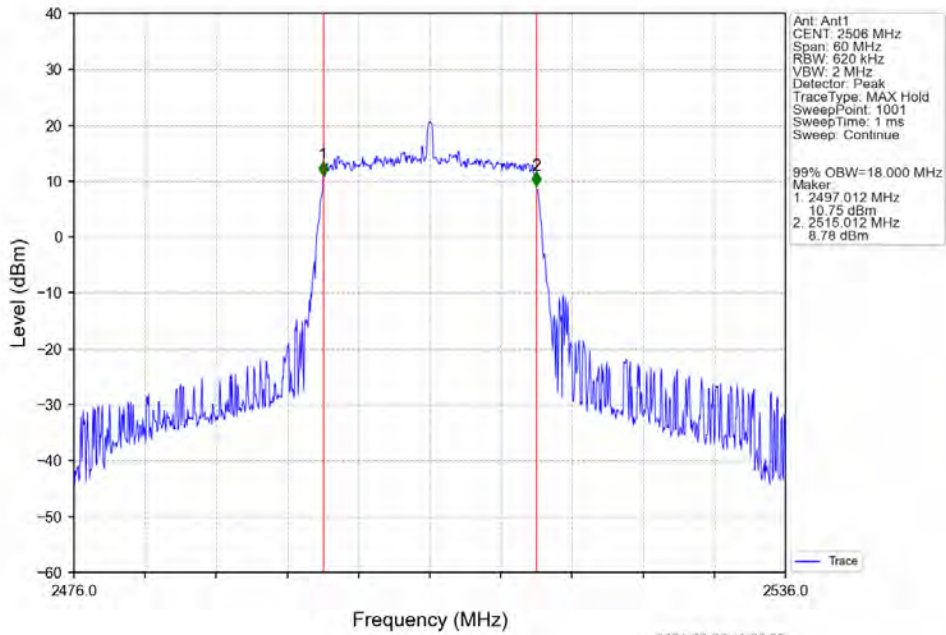
2024-08-29 11:35:19

Band41 15MHz 16QAM HCH 2682.5MHz RB 75 0 NTN

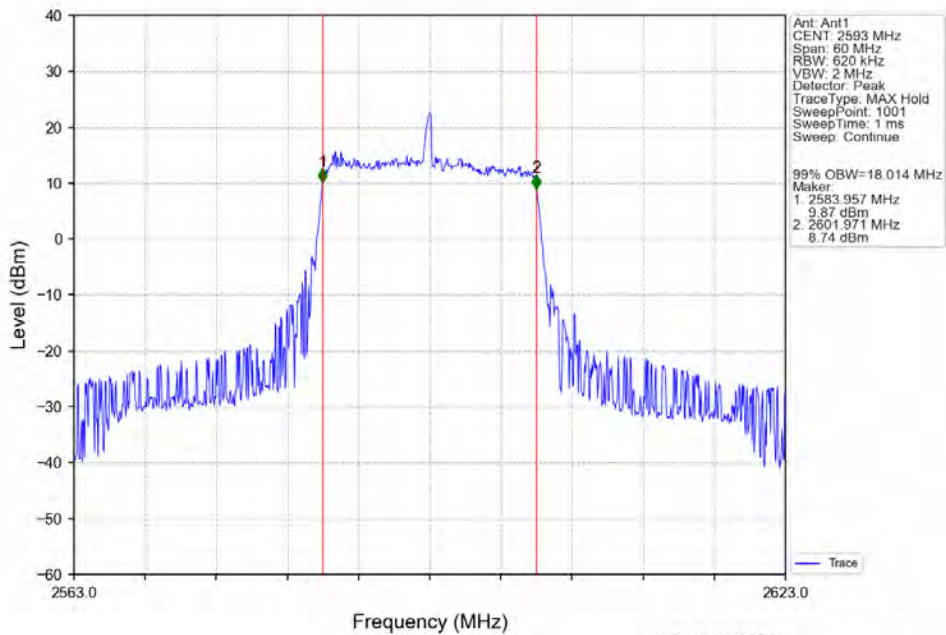


2024-08-29 11:35:50

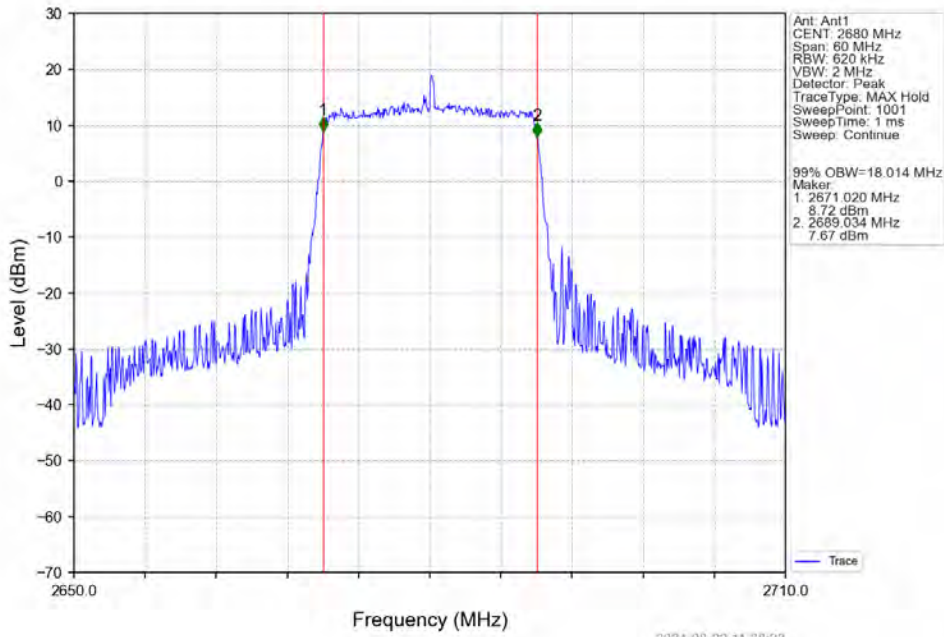
Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTV



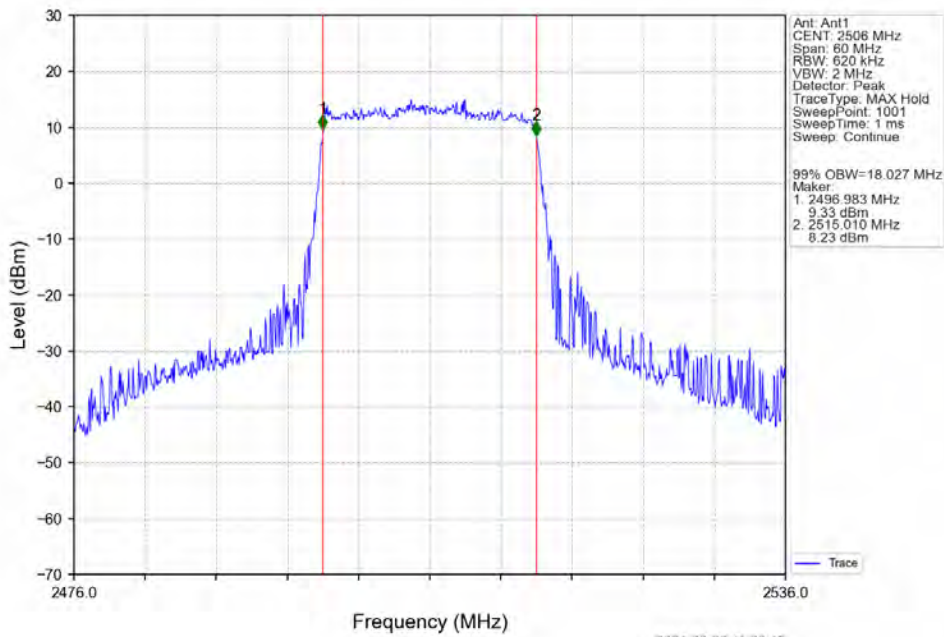
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV



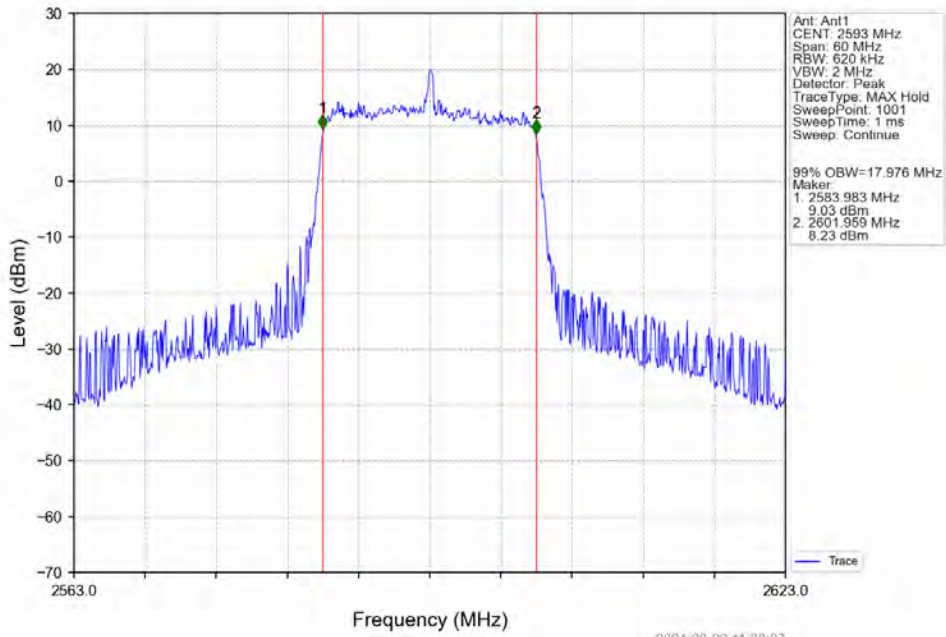
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTN



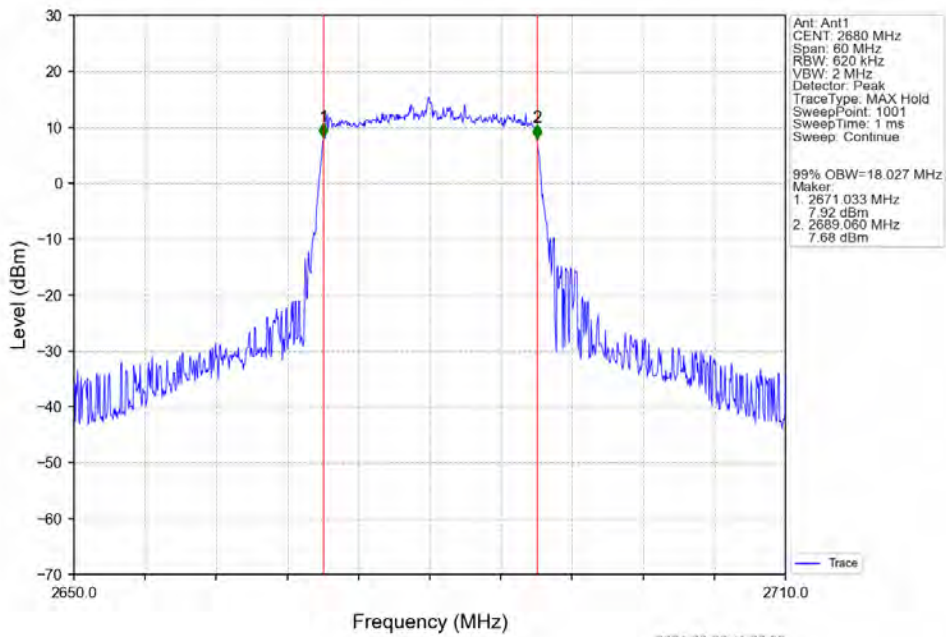
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTN



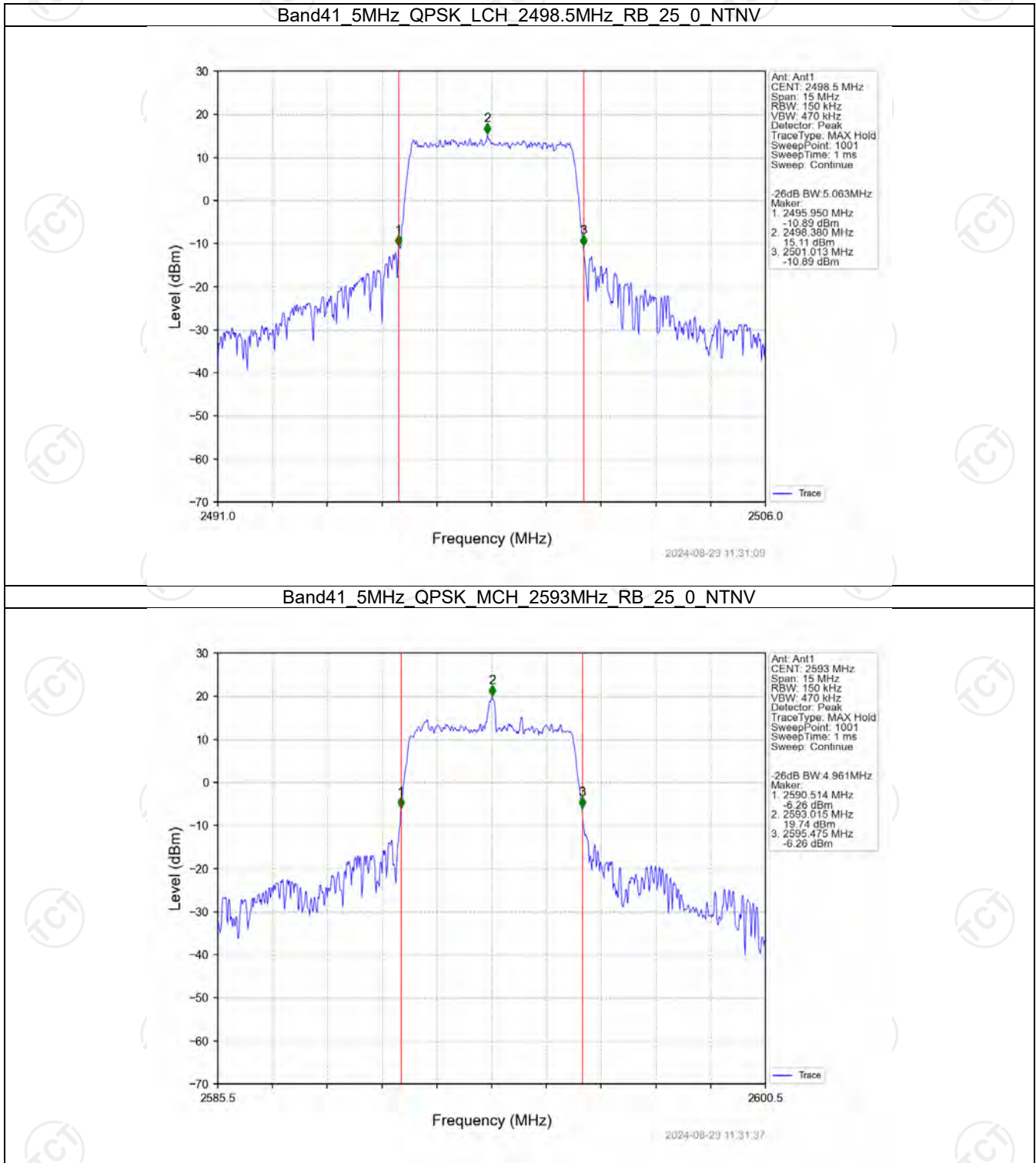
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTN



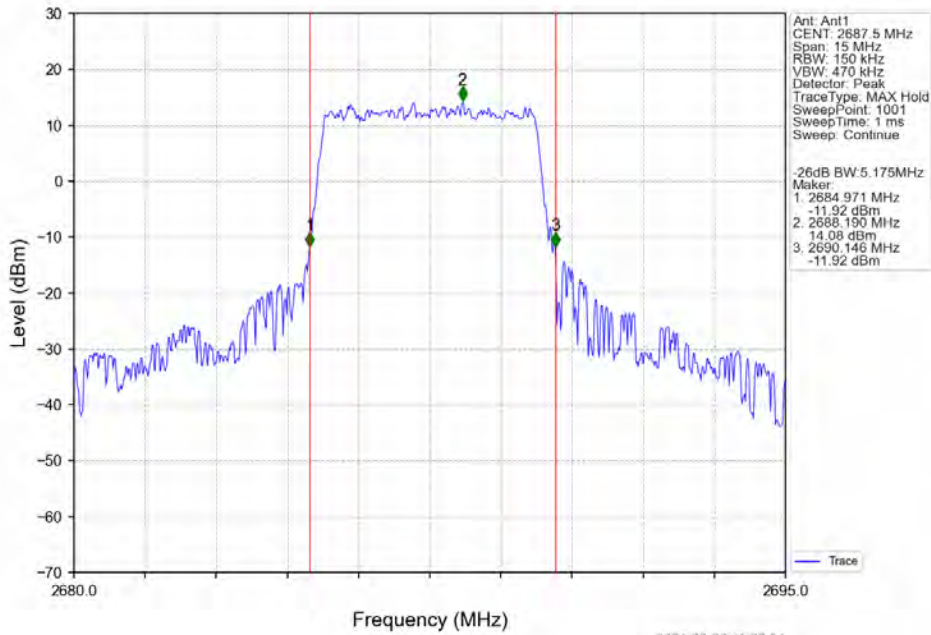
Band41 20MHz 16QAM HCH 2680MHz RB 100 0 NTN



4.2.2 Band41_XDB

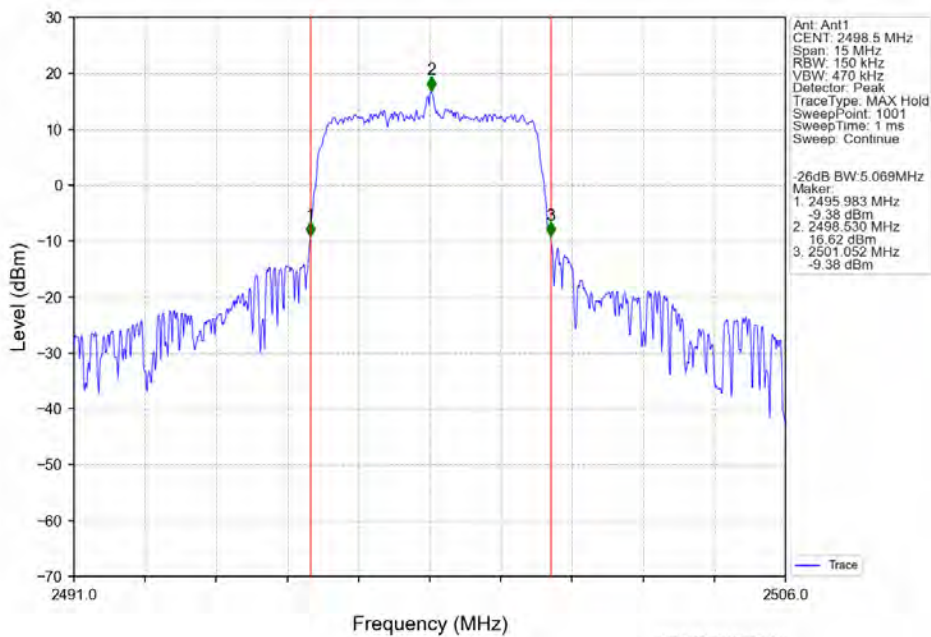


Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTV



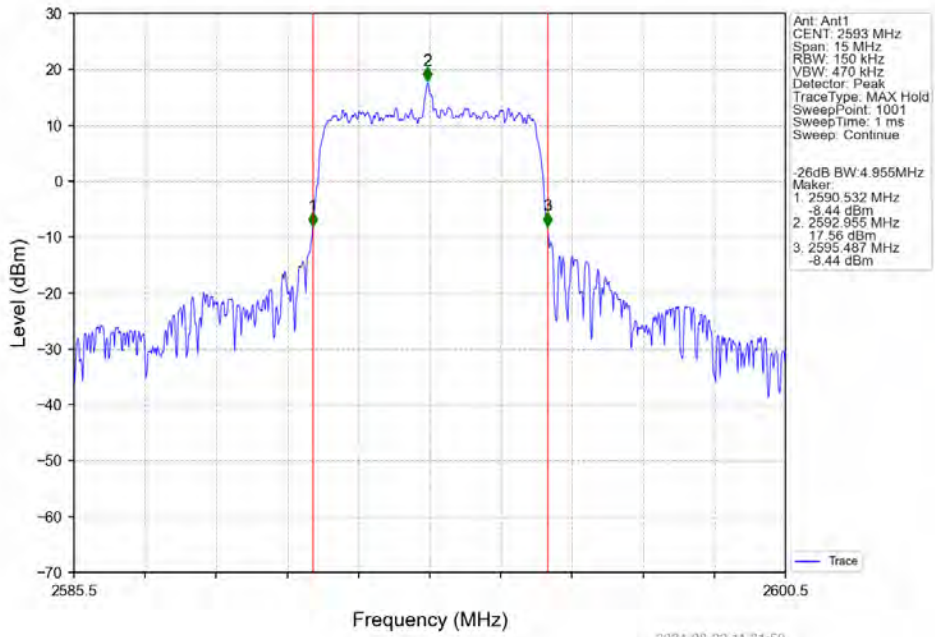
2024-08-29 11:32:04

Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTV

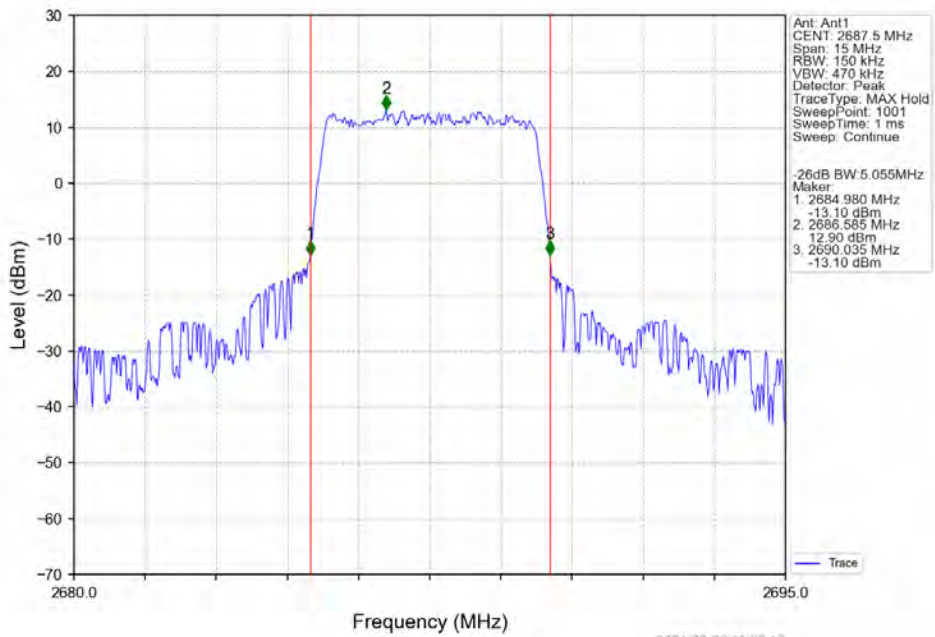


2024-08-29 11:31:23

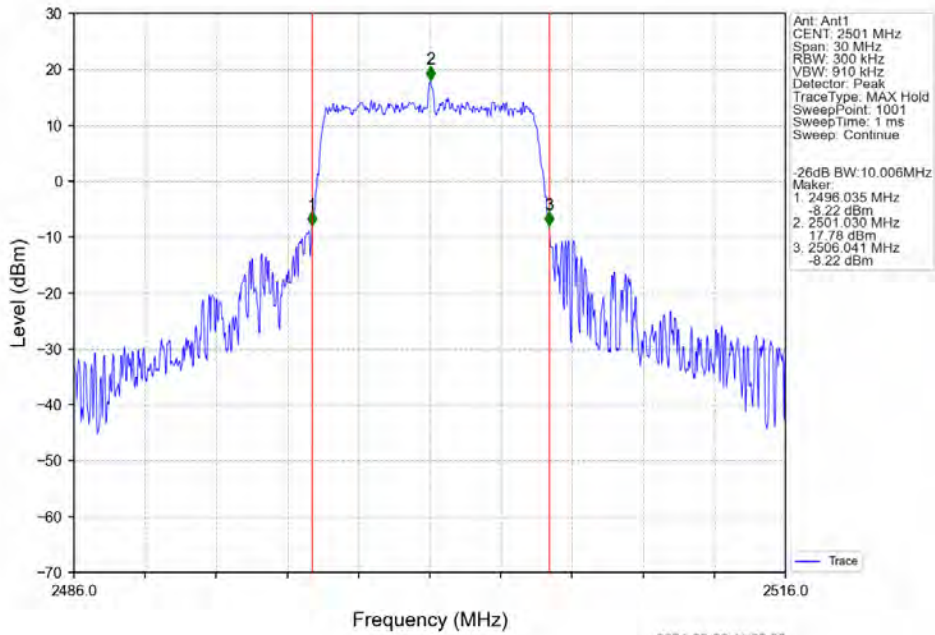
Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTNV



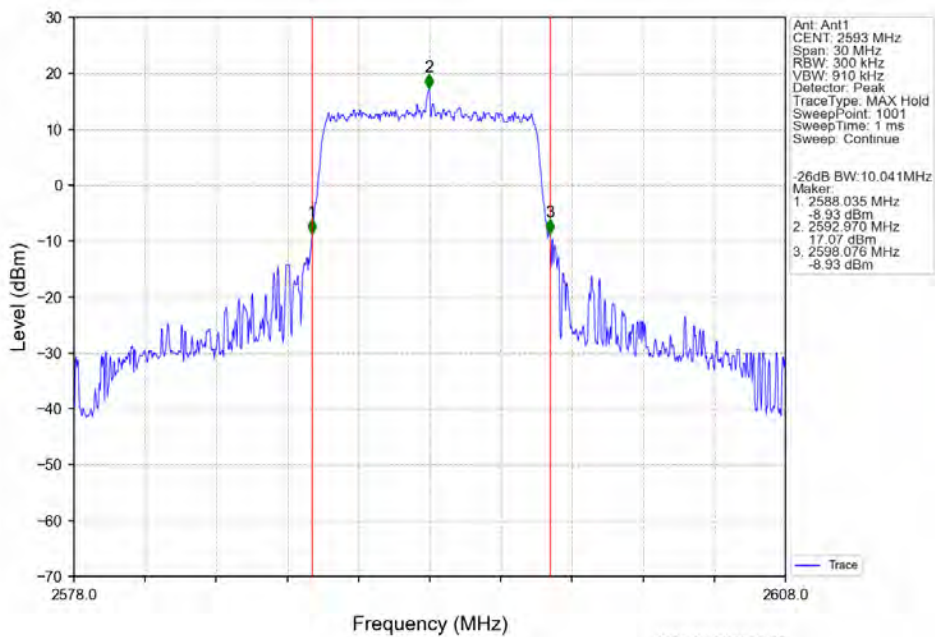
Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV



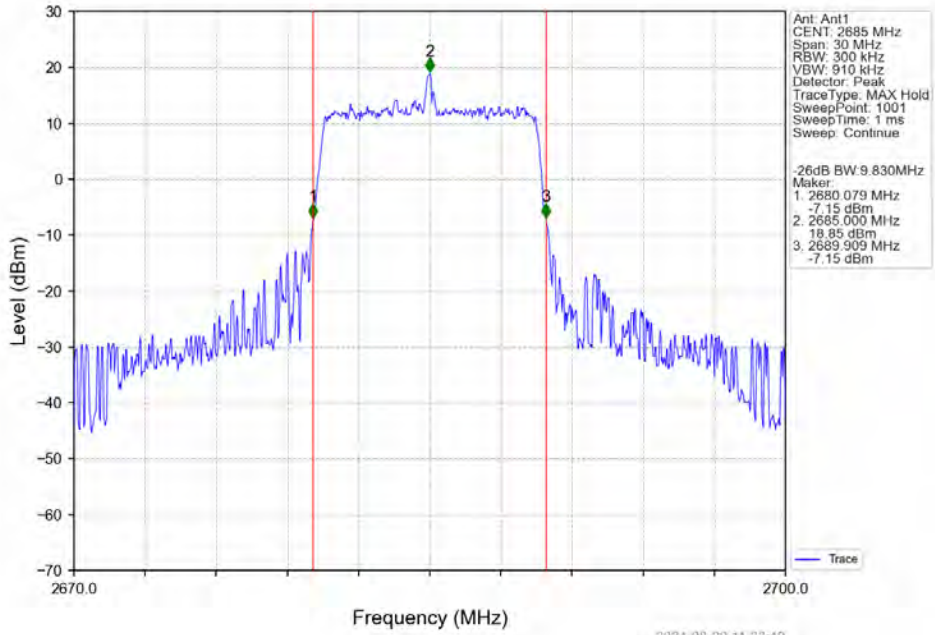
Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTV



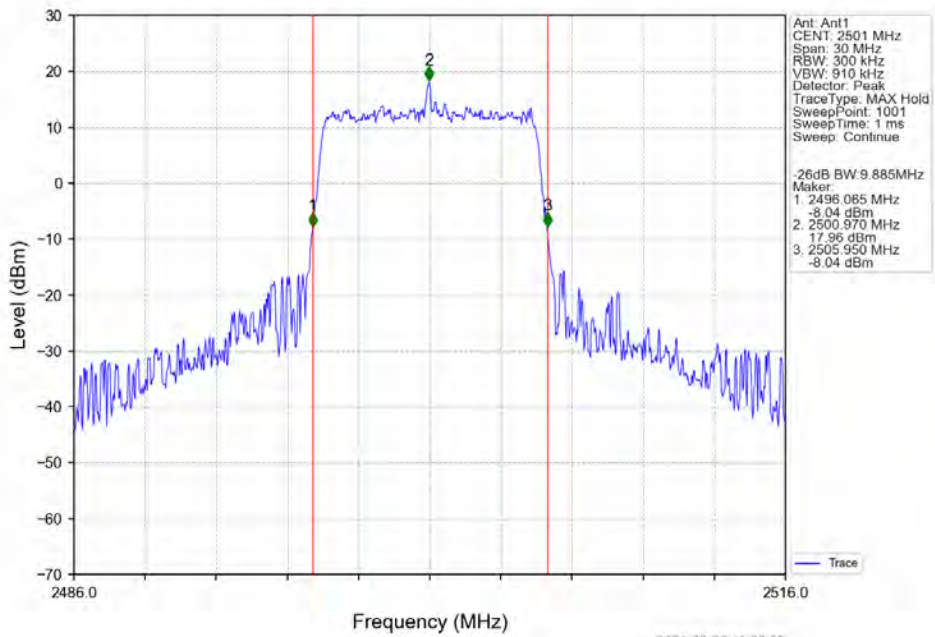
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTV

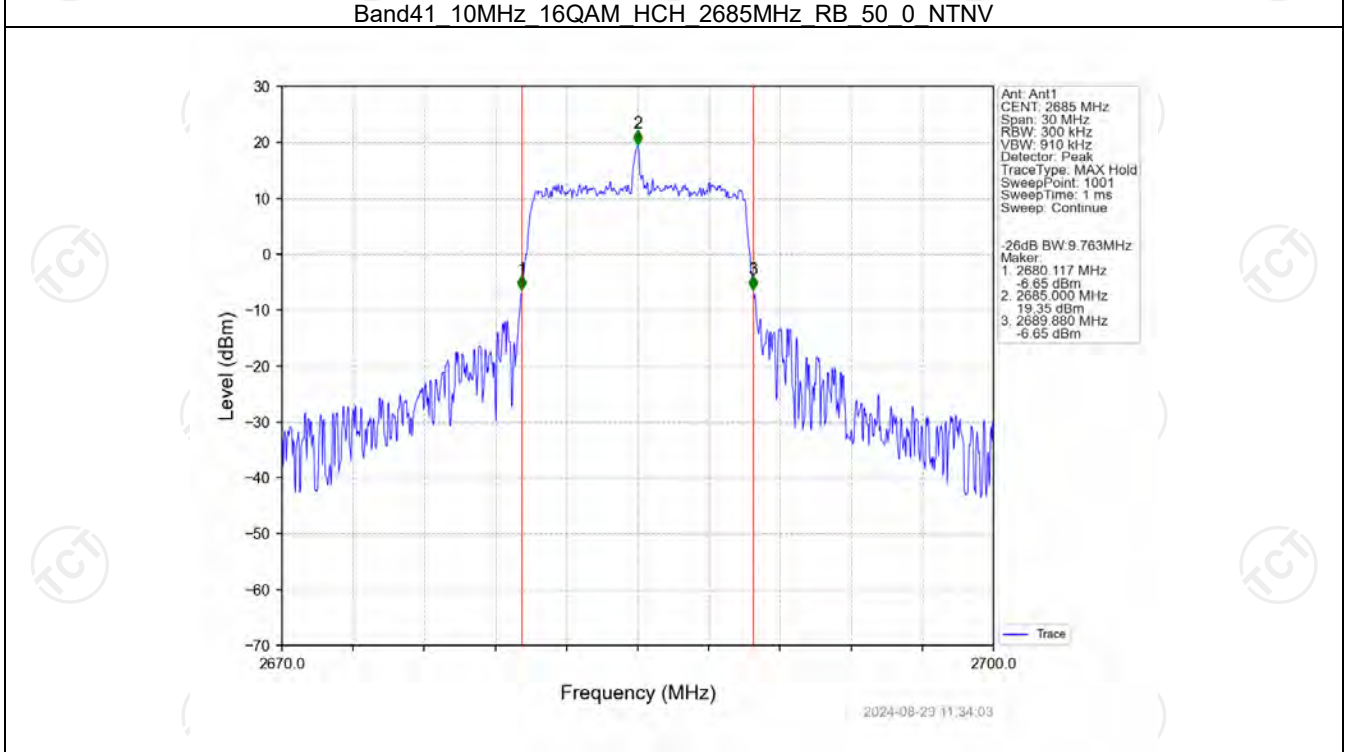
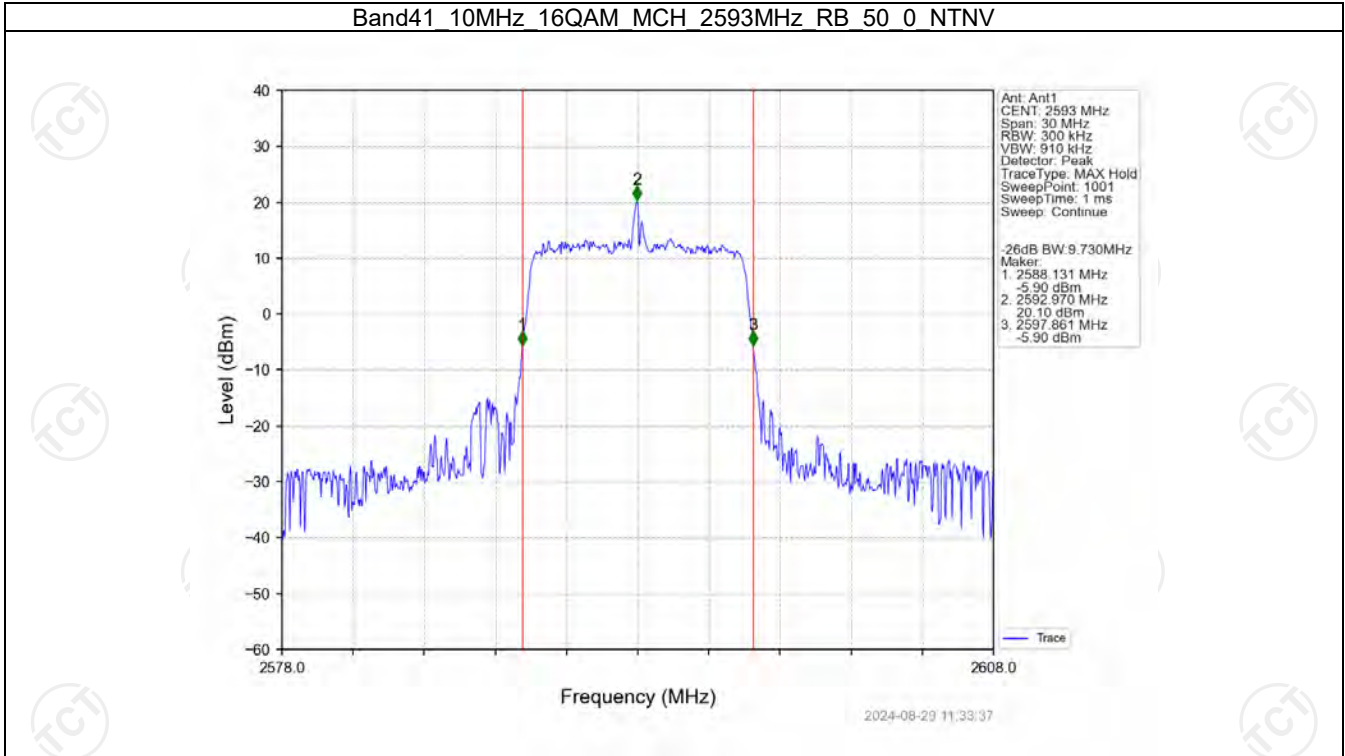


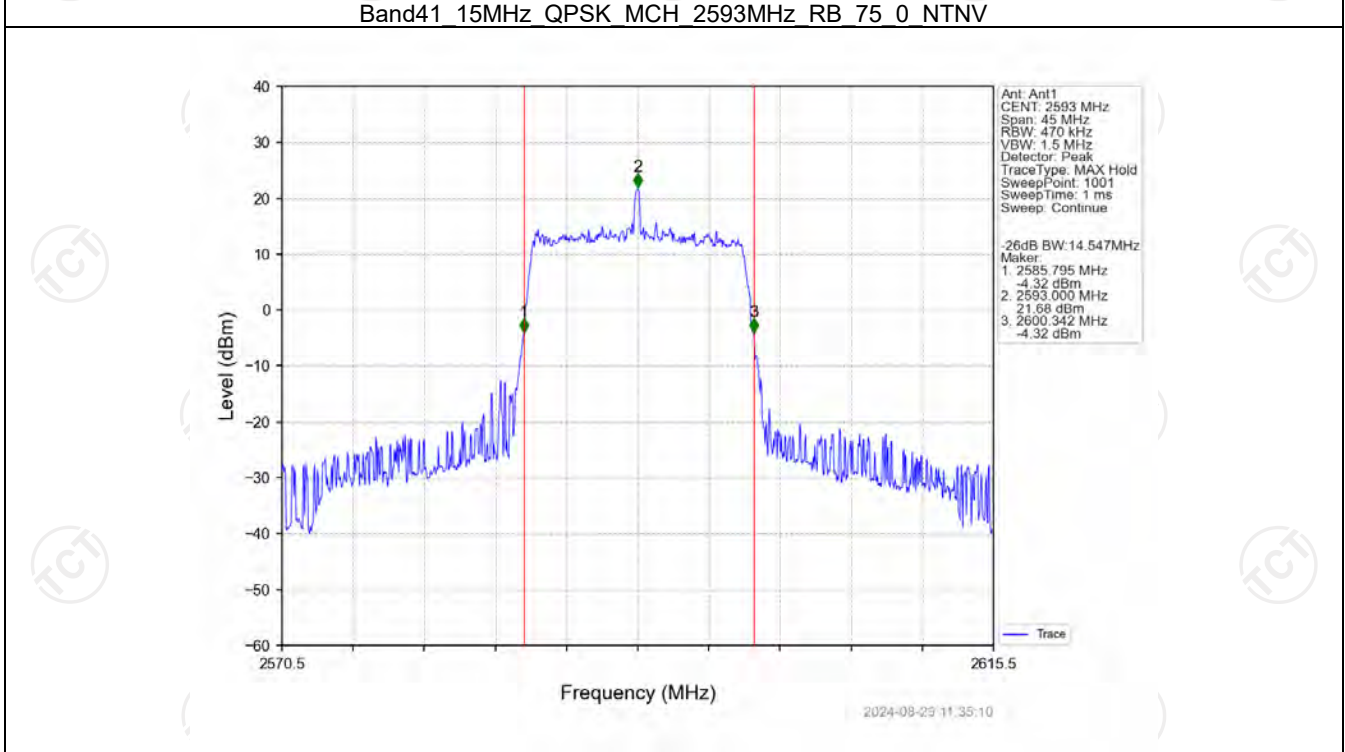
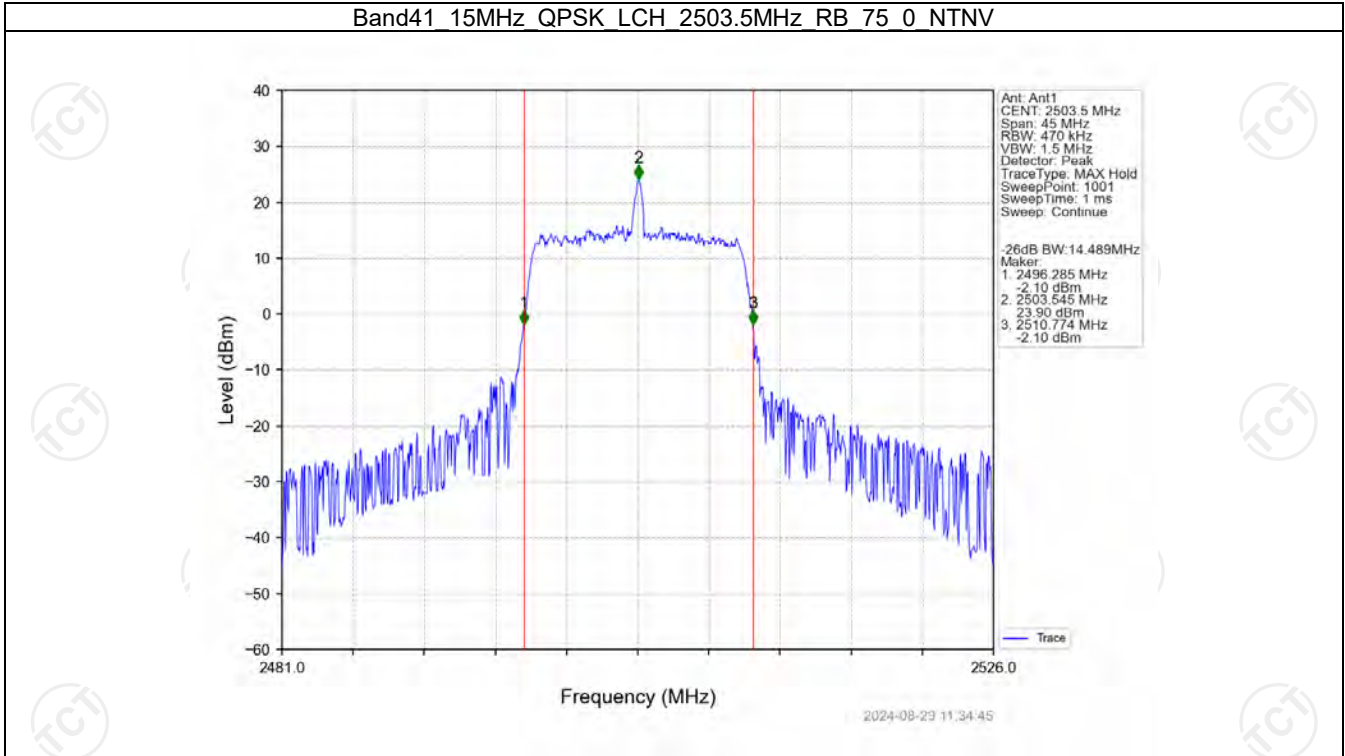
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV



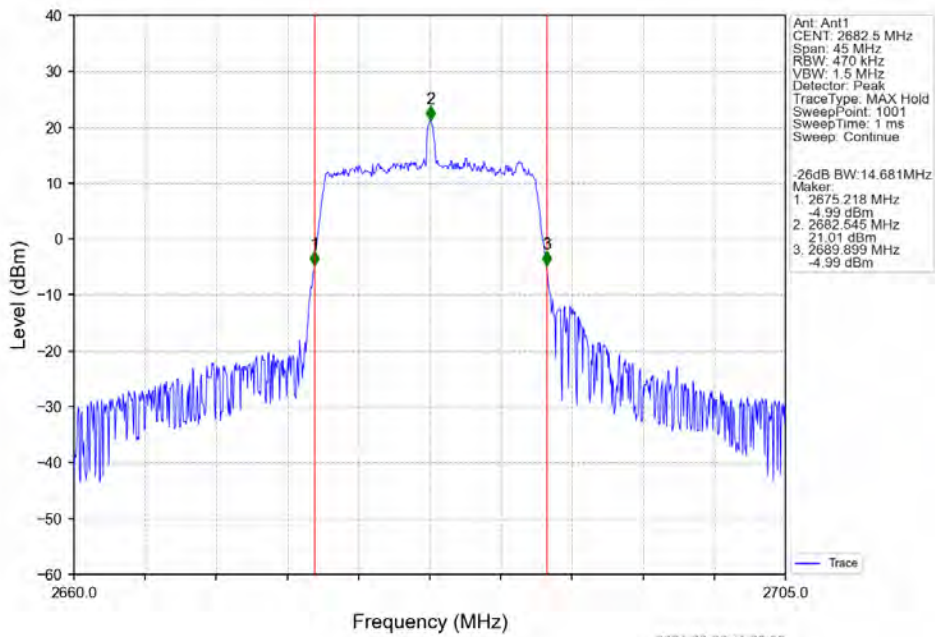
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTV



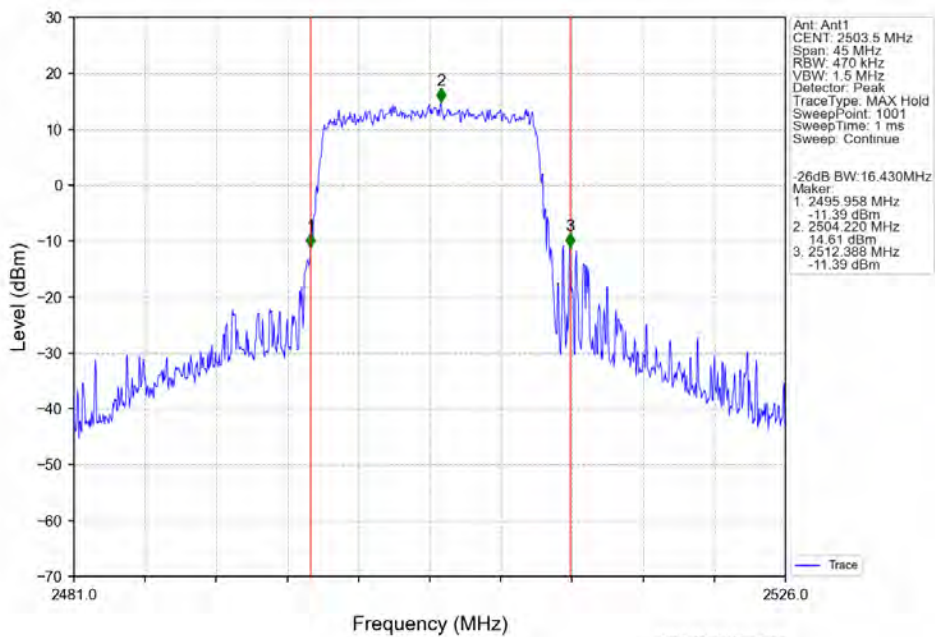




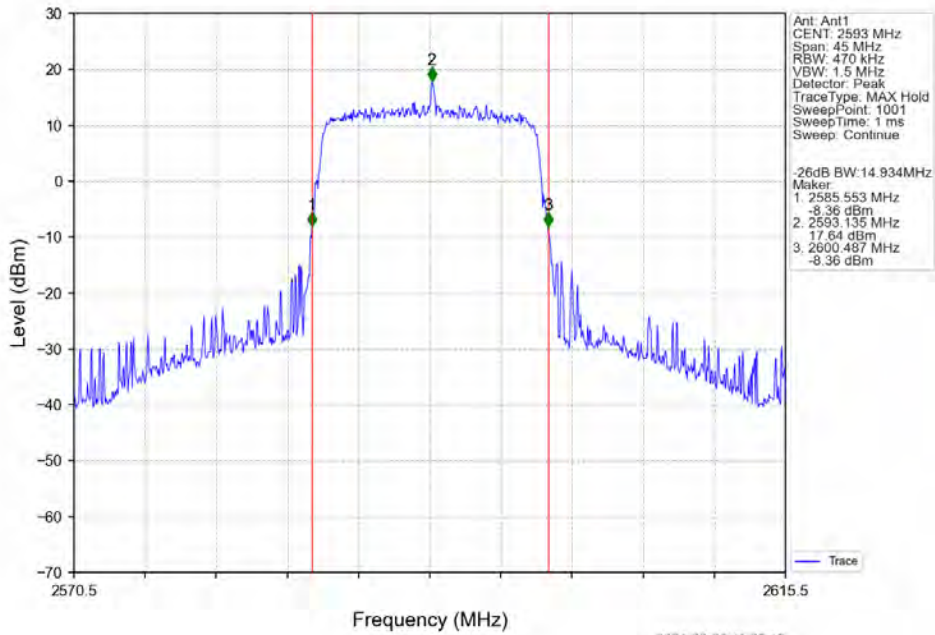
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTN



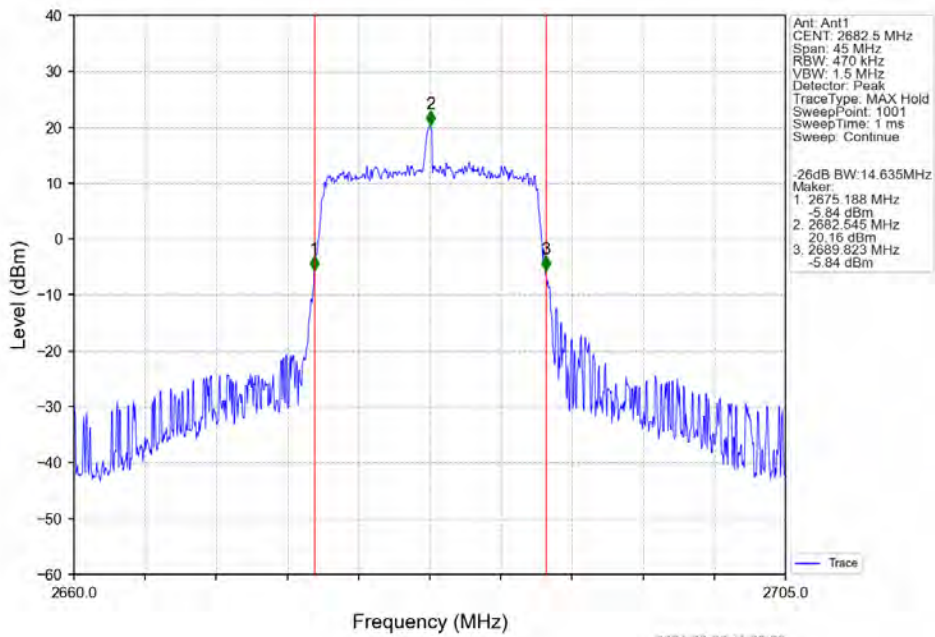
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTN



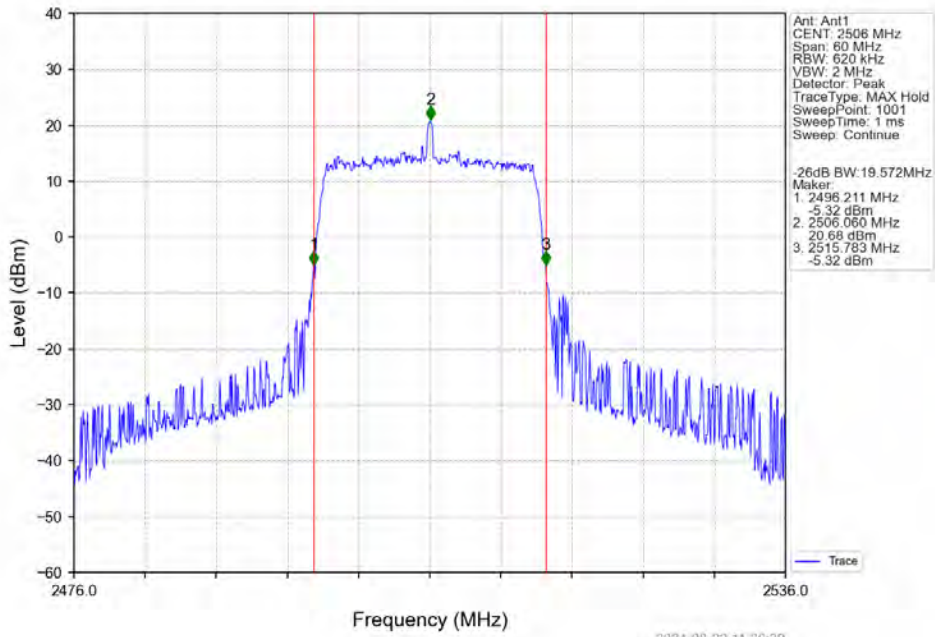
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTN



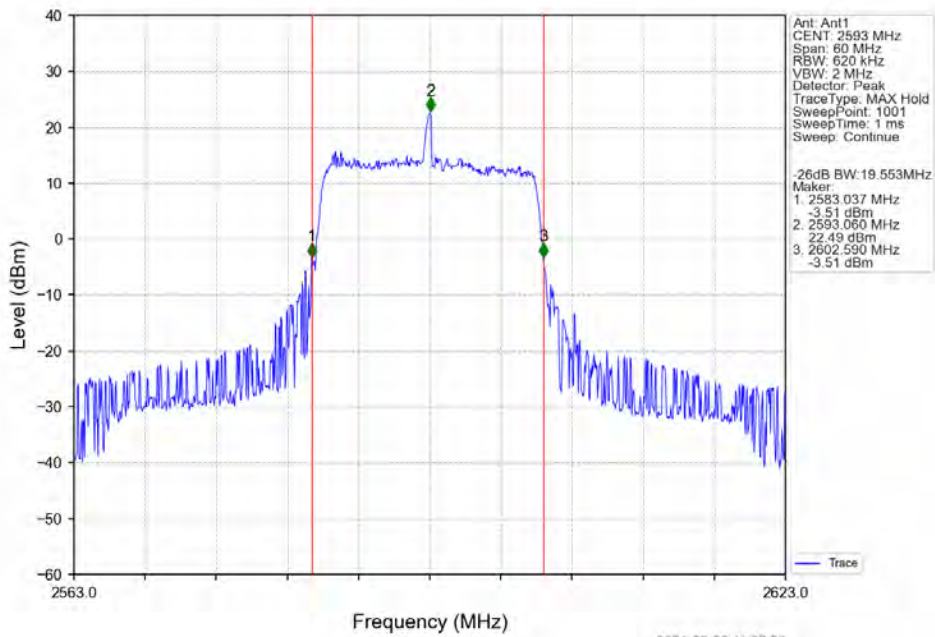
Band41 15MHz 16QAM HCH 2682.5MHz RB 75 0 NTN



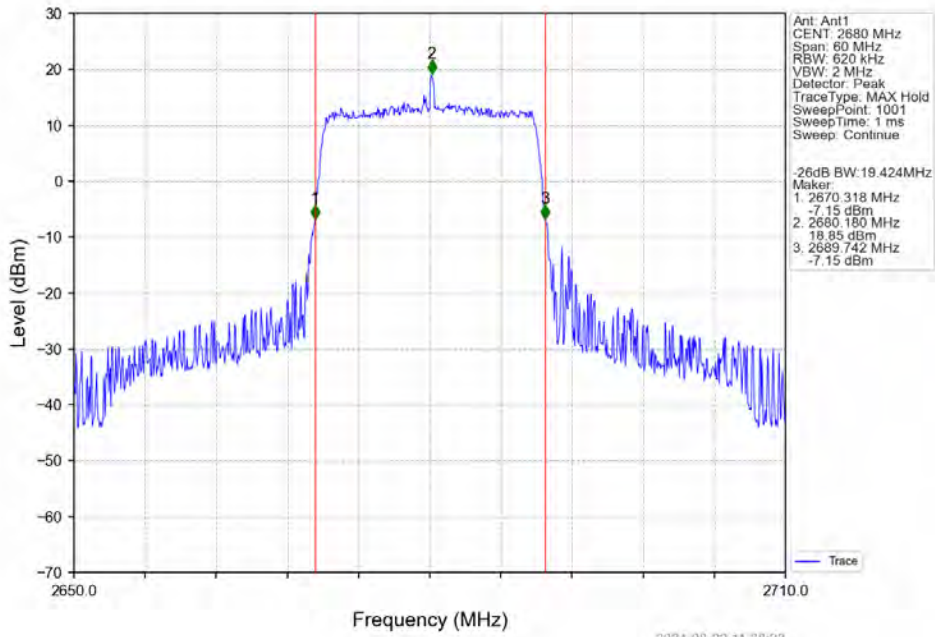
Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTV



Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV

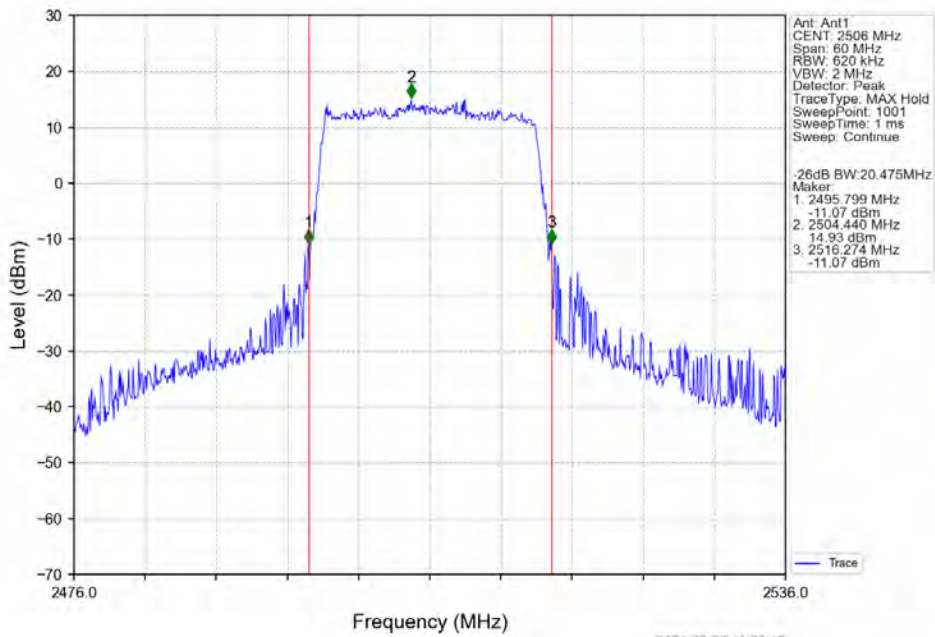


Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTN



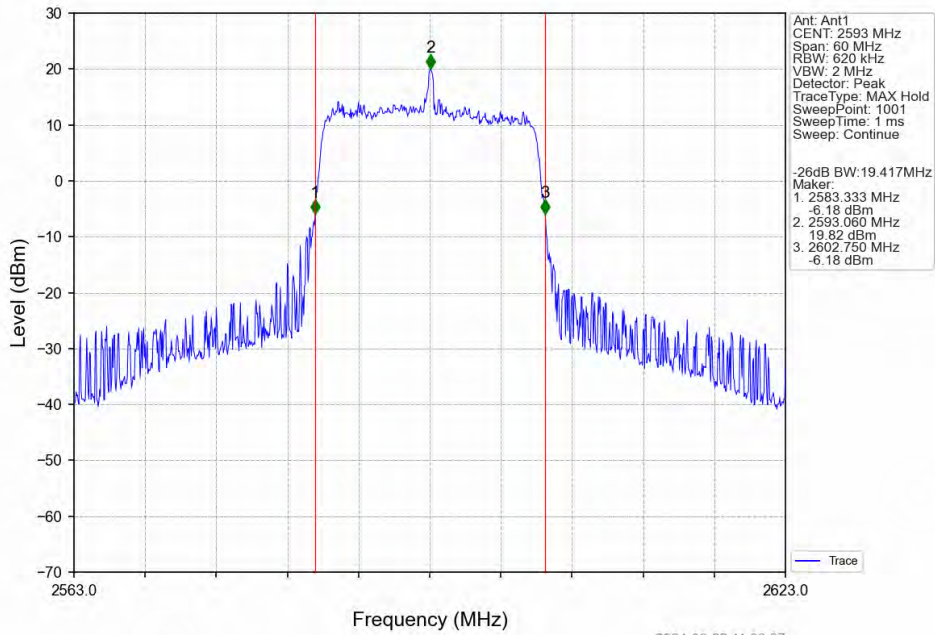
2024-08-29 11:38:22

Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTN



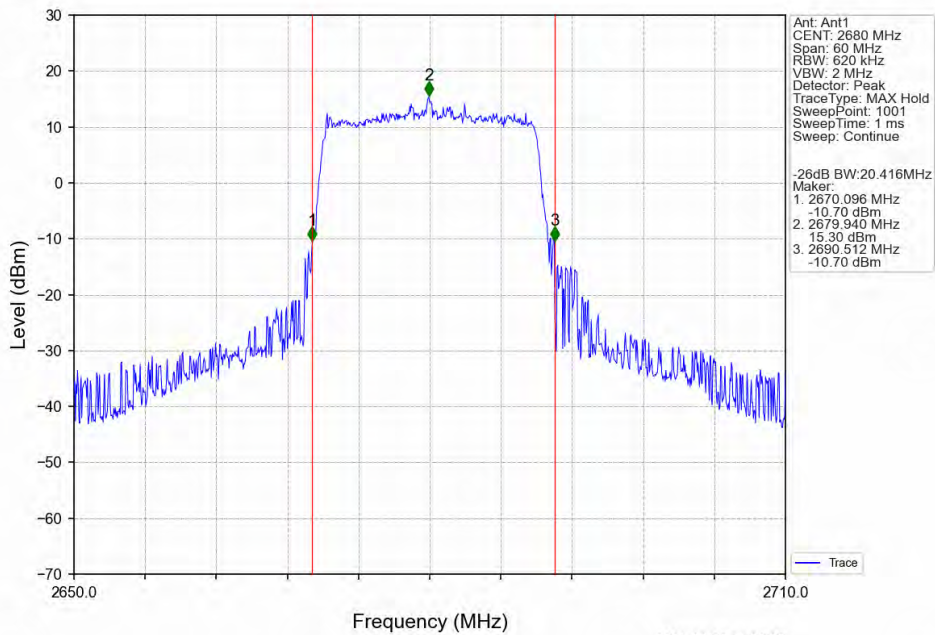
2024-08-29 11:36:48

Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTN



2024-08-29 11:38:07

Band41 20MHz 16QAM HCH 2680MHz RB 100 0 NTN



2024-08-29 11:38:32

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	7.45	<=13	Pass
	2593	25	0	7.47	<=13	Pass
	2687.5	25	0	7.50	<=13	Pass
16QAM	2498.5	25	0	8.32	<=13	Pass
	2593	25	0	8.03	<=13	Pass
	2687.5	25	0	8.21	<=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	7.51	<=13	Pass
	2593	50	0	7.40	<=13	Pass
	2685	50	0	7.46	<=13	Pass
16QAM	2501	50	0	8.43	<=13	Pass
	2593	50	0	8.38	<=13	Pass
	2685	50	0	8.33	<=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	7.67	<=13	Pass
	2593	75	0	7.56	<=13	Pass
	2682.5	75	0	7.46	<=13	Pass
16QAM	2503.5	75	0	8.50	<=13	Pass
	2593	75	0	8.15	<=13	Pass
	2682.5	75	0	8.02	<=13	Pass

5.1.4 B41_20MHz

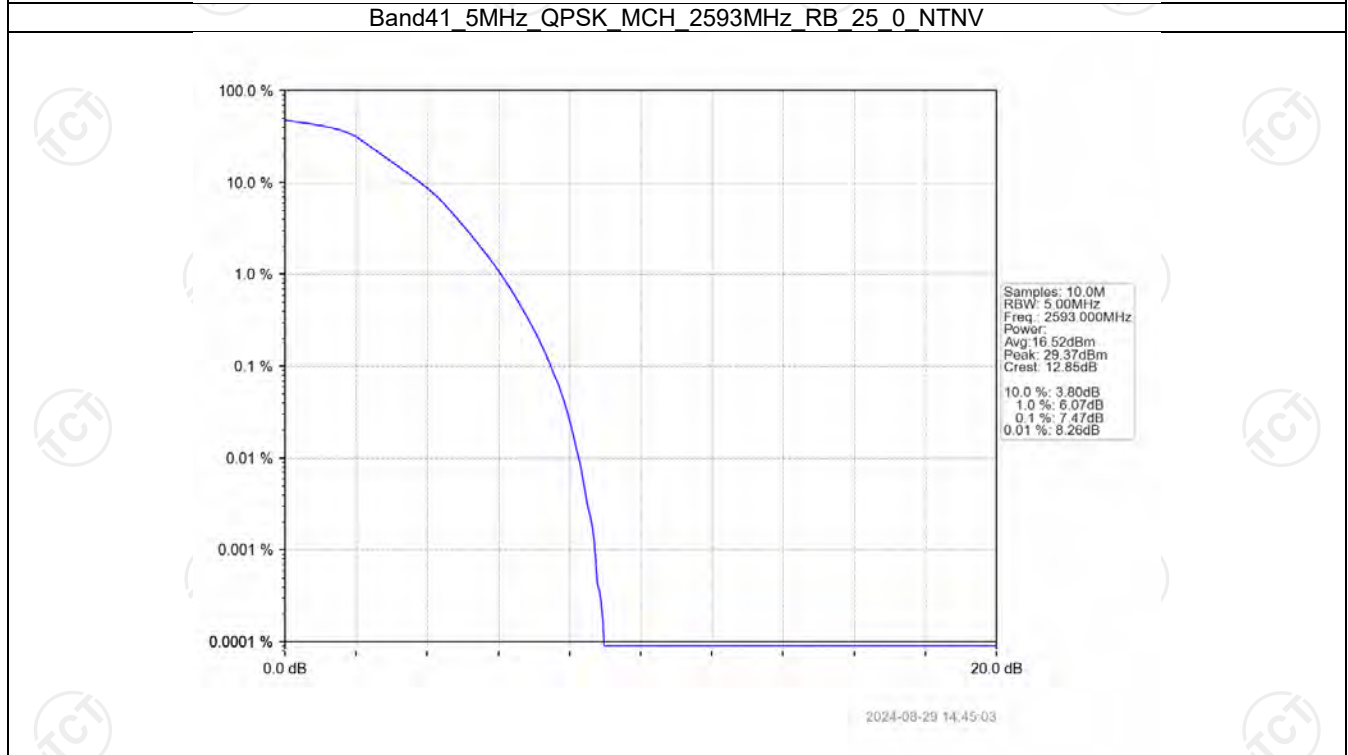
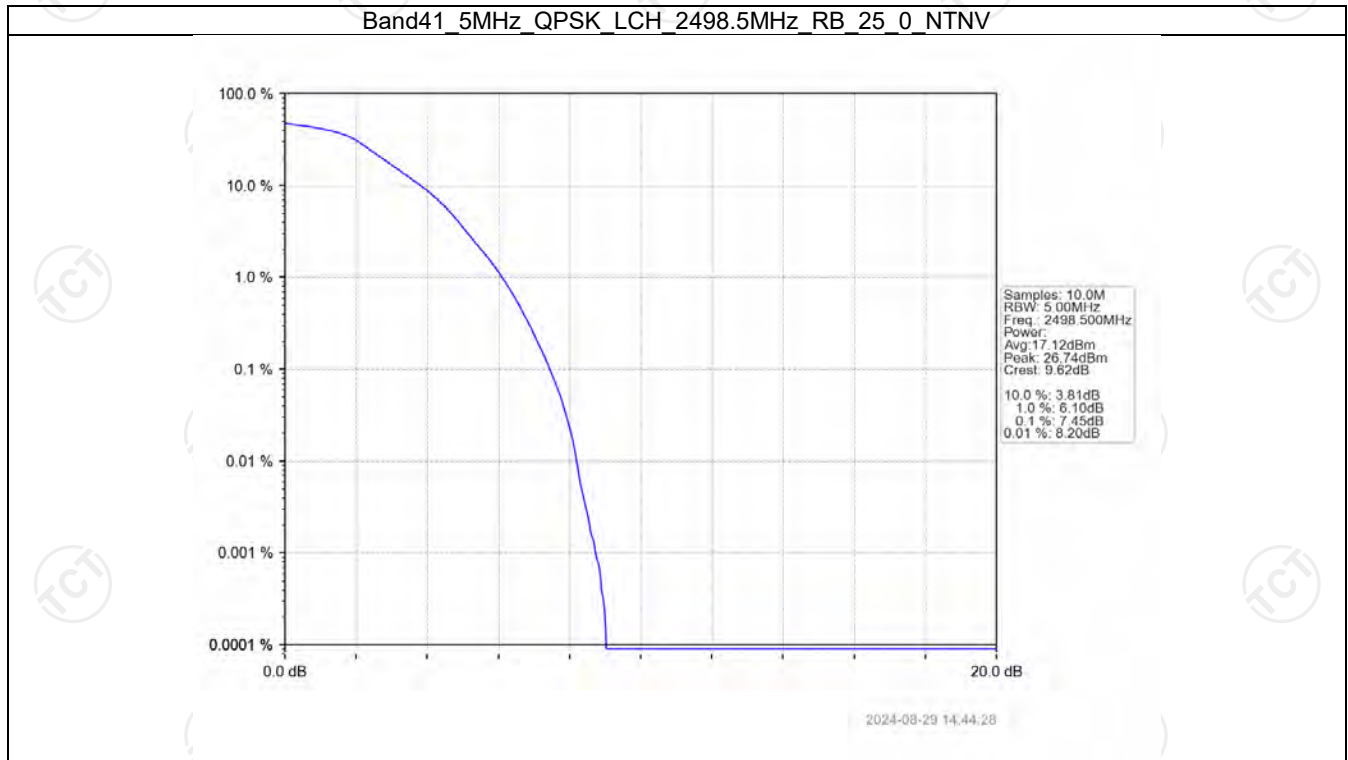
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.50	<=13	Pass
	2593	100	0	7.31	<=13	Pass
	2680	100	0	7.19	<=13	Pass
16QAM	2506	100	0	8.15	<=13	Pass
	2593	100	0	8.06	<=13	Pass

	2680	100	0	8.14	<=13	Pass
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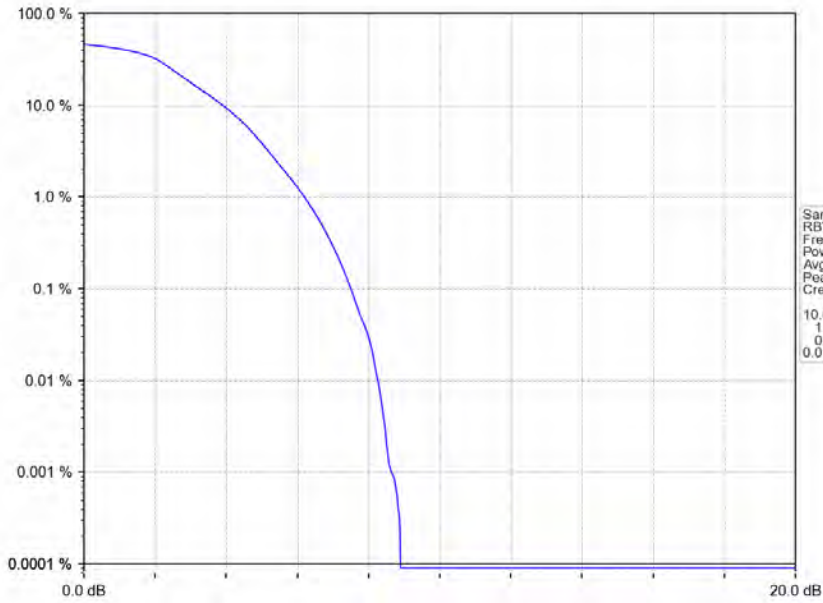


5.2 Test Graph

5.2.1 B41_5MHz

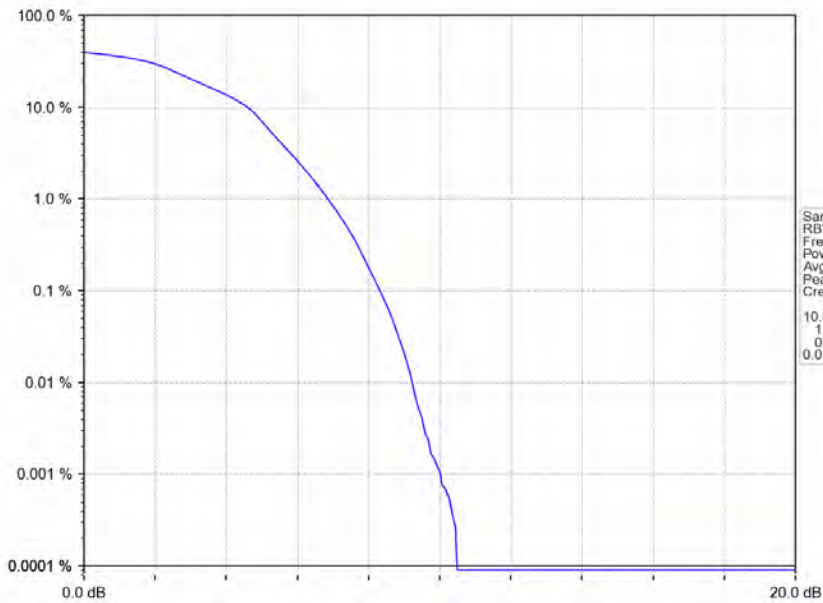


Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTV



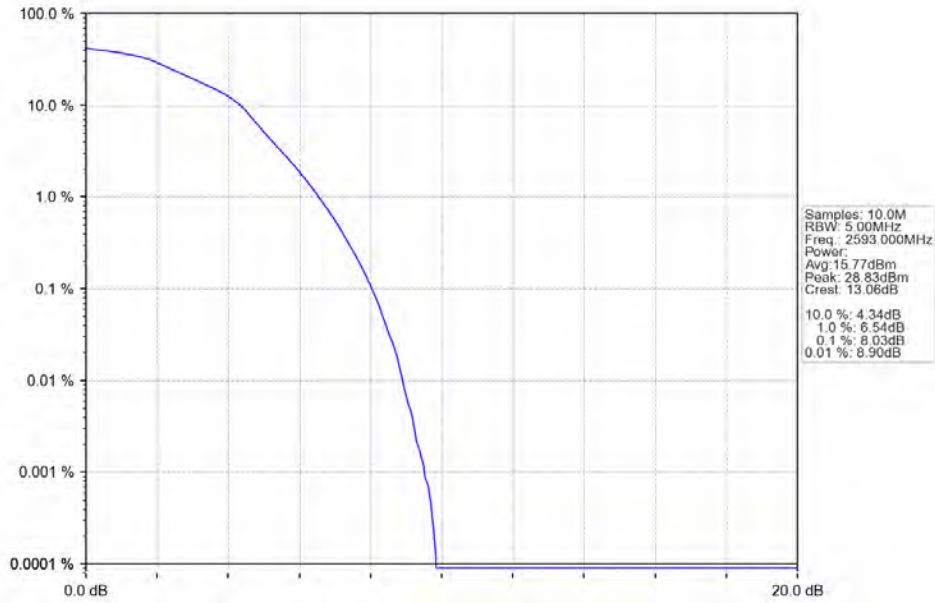
2024-08-29 14:45:36

Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTV



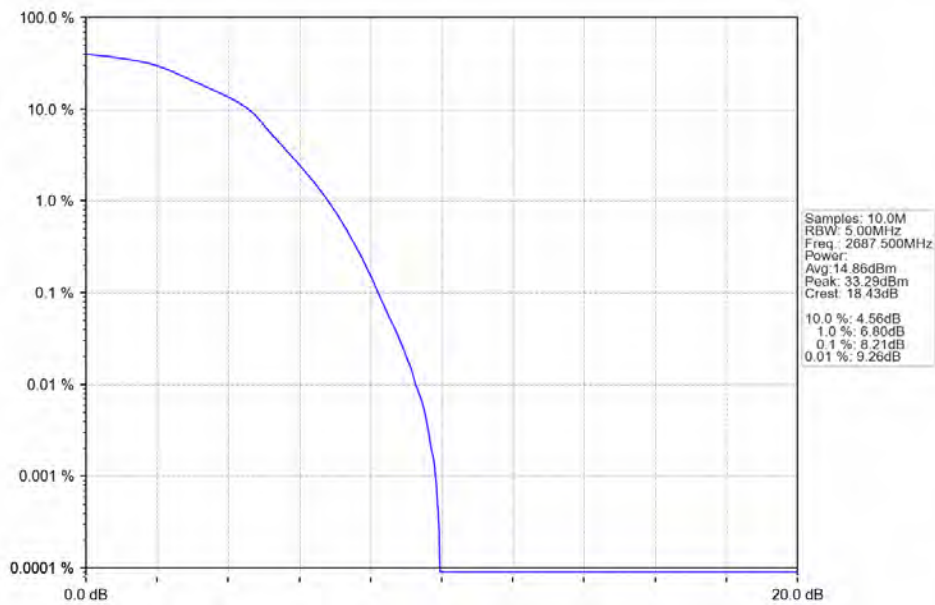
2024-08-29 14:44:46

Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTV



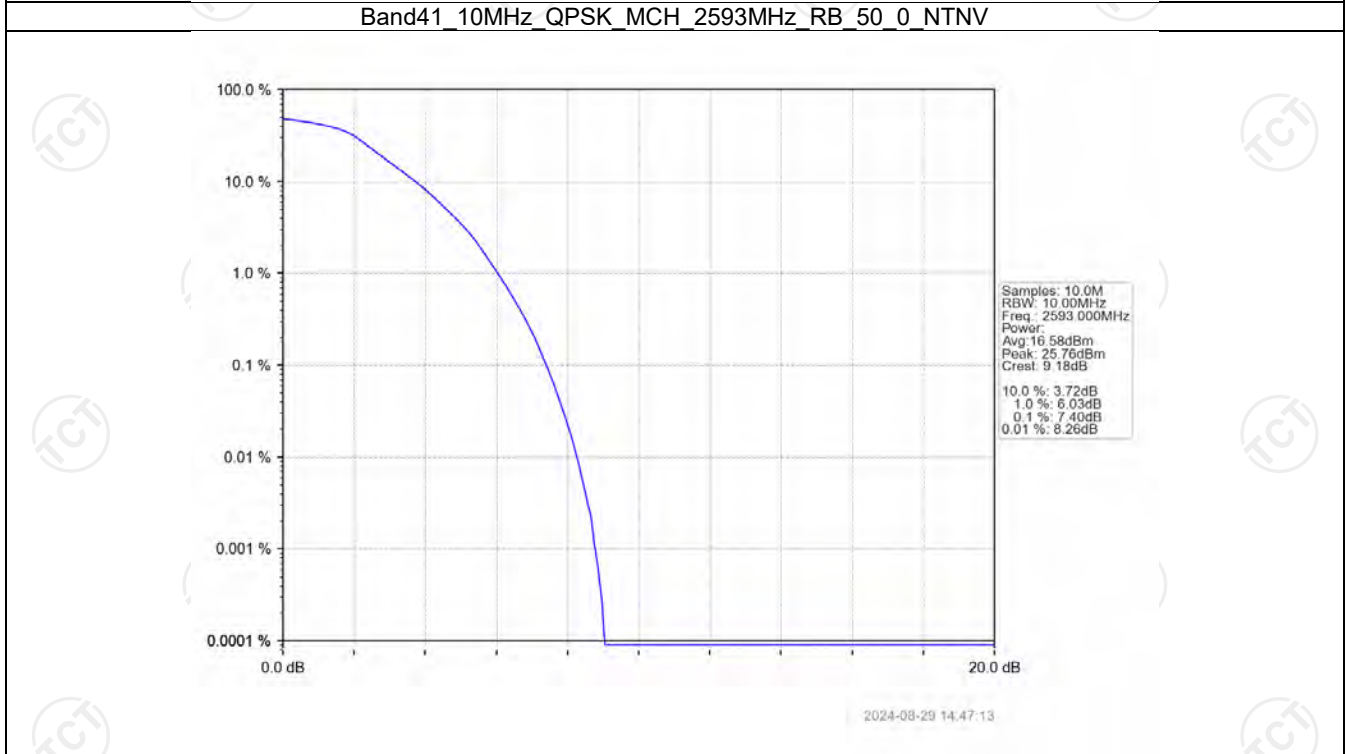
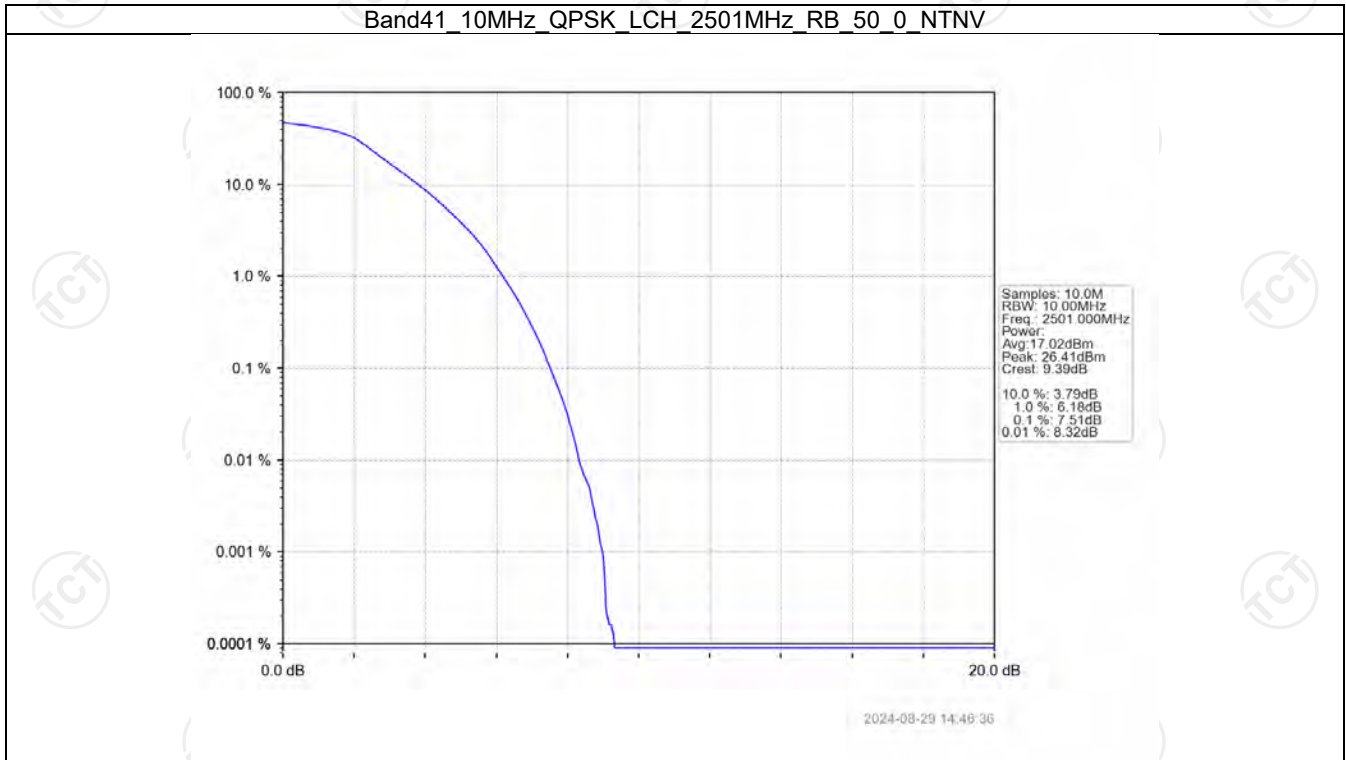
2024-08-29 14:45:19

Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTV

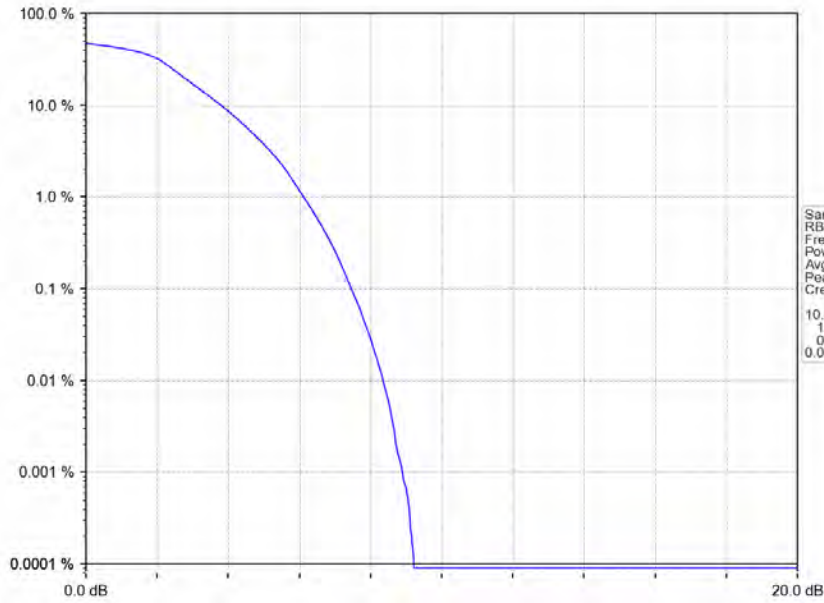


2024-08-29 14:45:52

5.2.2 B41_10MHz

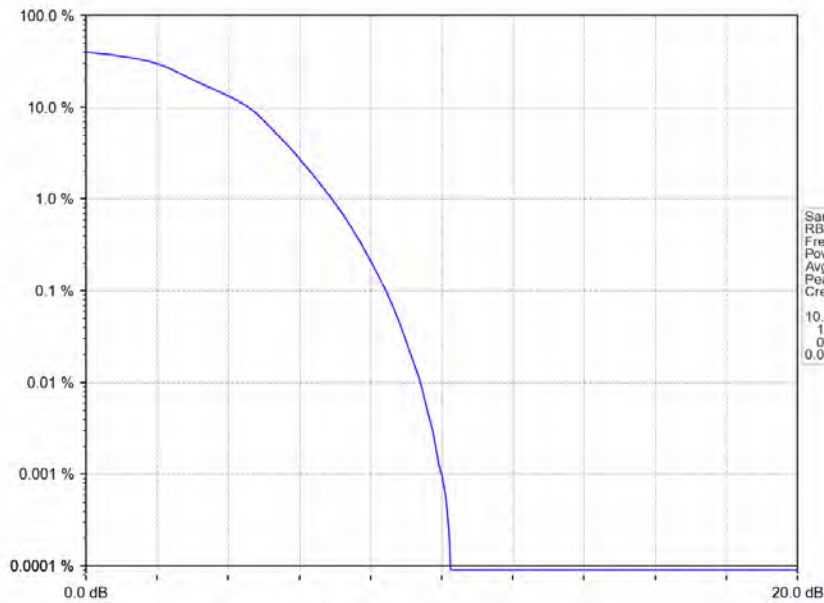


Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV



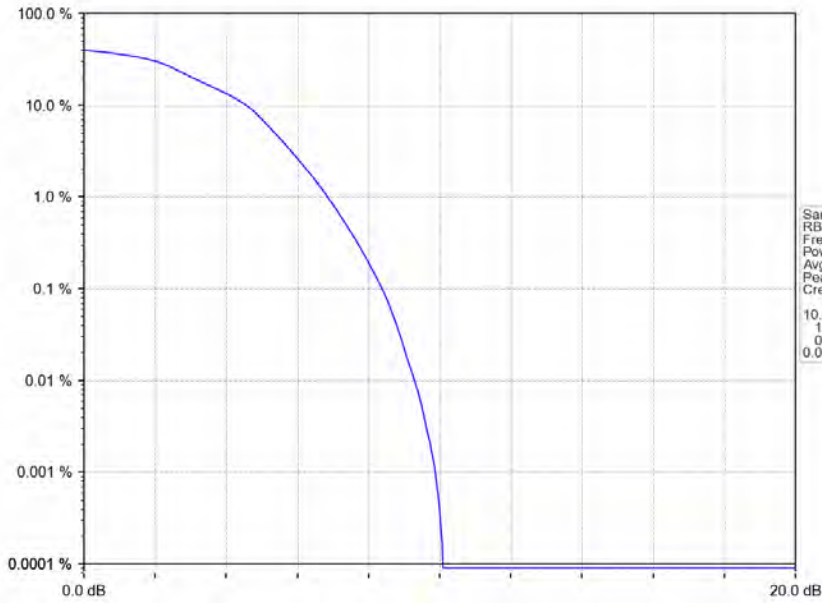
2024-08-29 14:47:51

Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTV



2024-08-29 14:46:53

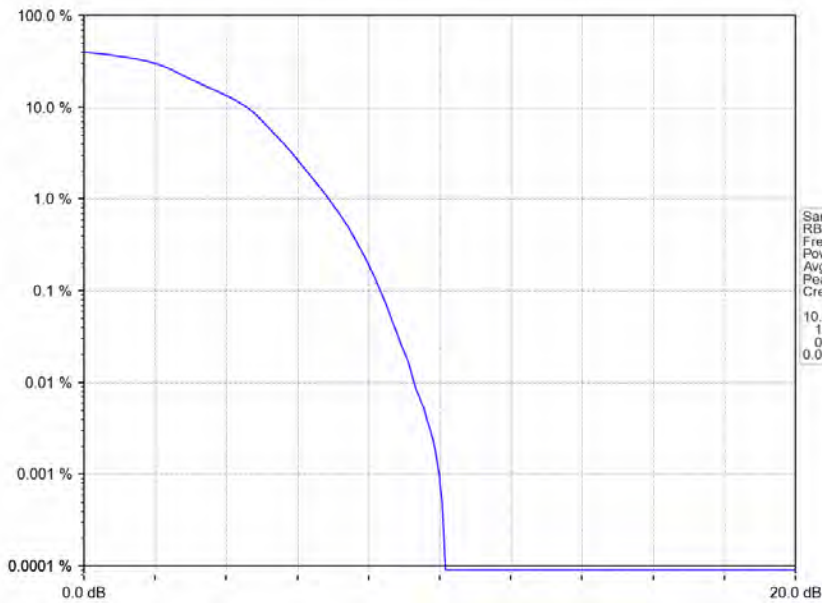
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTN



Samples: 10.0M
RBW: 10.00MHz
Freq: 2593.000MHz
Power:
Avg: 15.40dBm
Peak: 26.55dBm
Crest: 11.15dB
10.0 %: 4.56dB
1.0 %: 6.65dB
0.1 %: 8.38dB
0.01 %: 9.29dB

2024-08-29 14:47:31

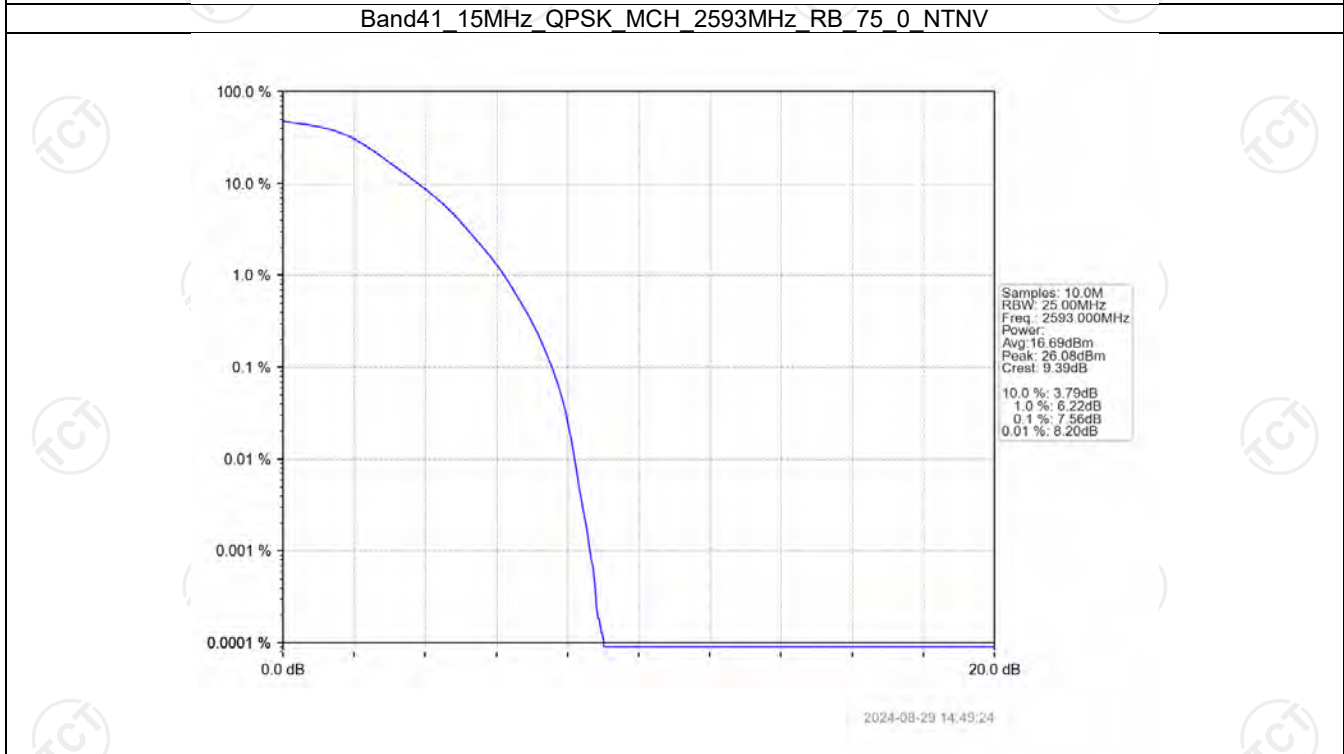
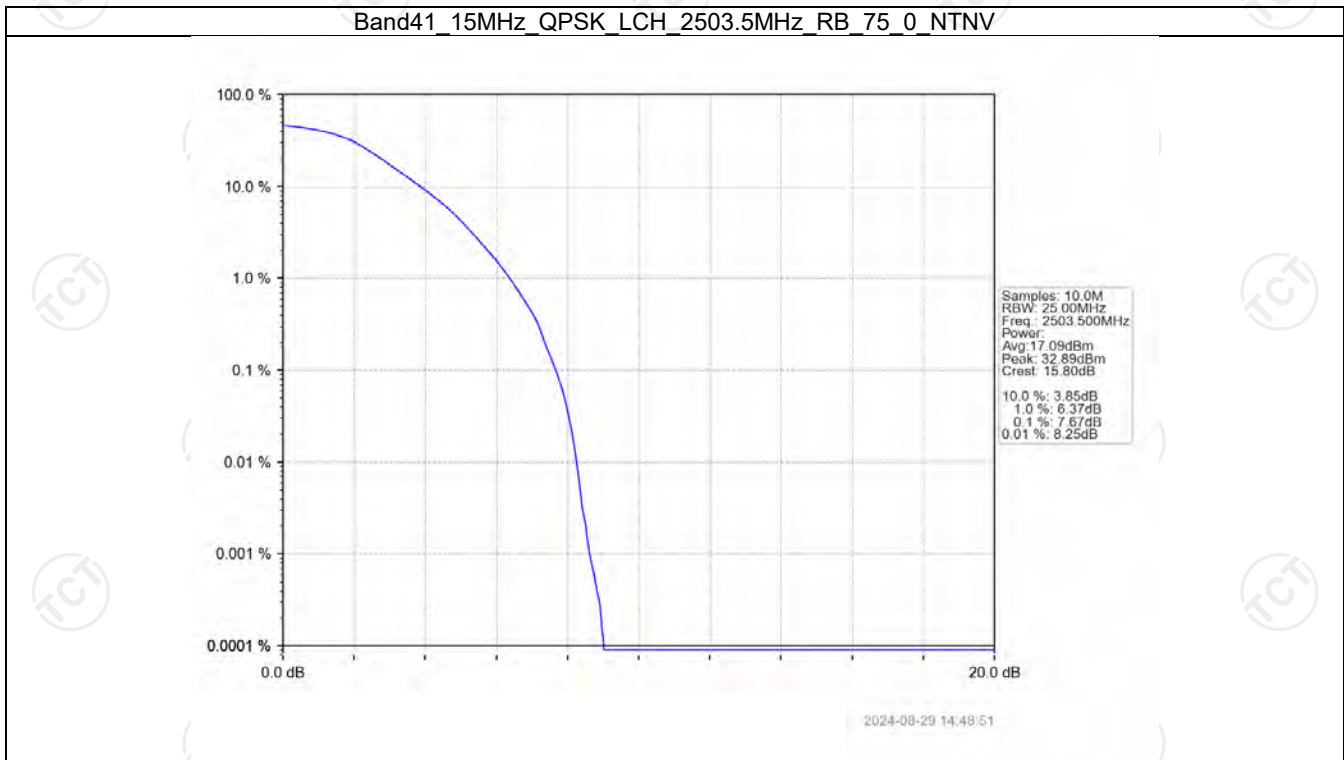
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTN



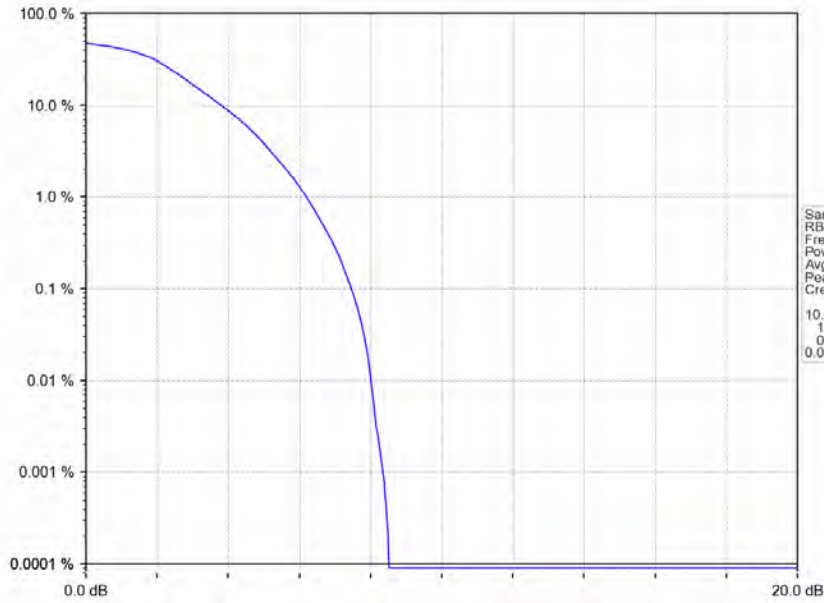
Samples: 10.0M
RBW: 10.00MHz
Freq: 2685.000MHz
Power:
Avg: 14.89dBm
Peak: 25.82dBm
Crest: 10.93dB
10.0 %: 4.57dB
1.0 %: 6.88dB
0.1 %: 8.33dB
0.01 %: 9.26dB

2024-08-29 14:48:08

5.2.3 B41_15MHz

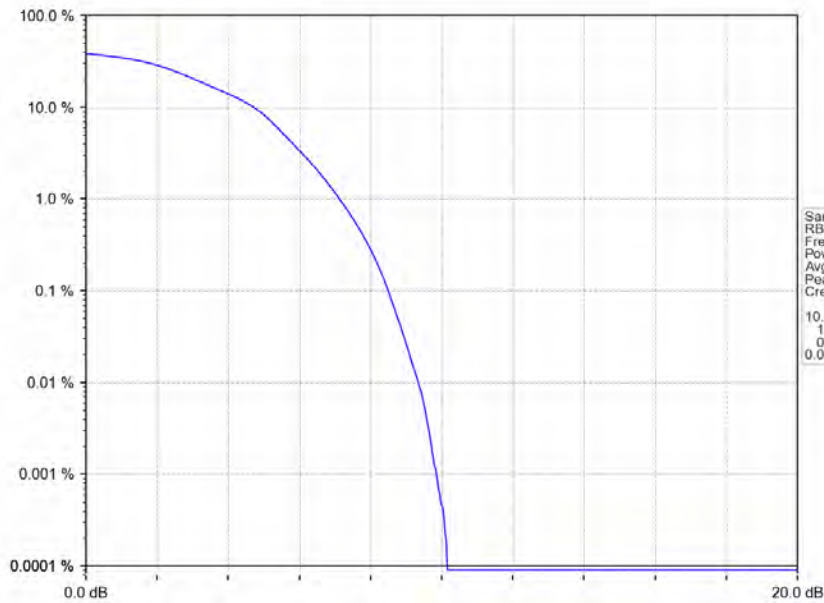


Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTN



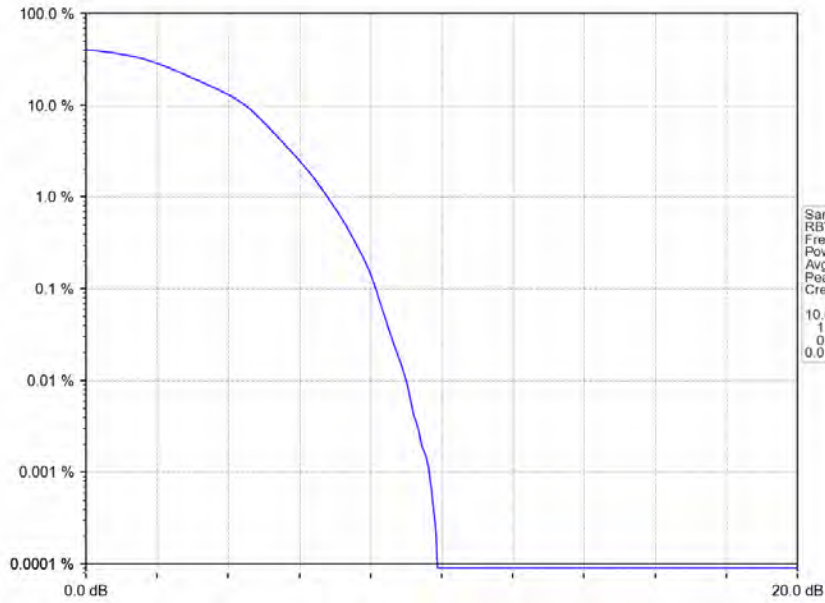
2024-08-29 14:49:55

Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTN



2024-08-29 14:49:06

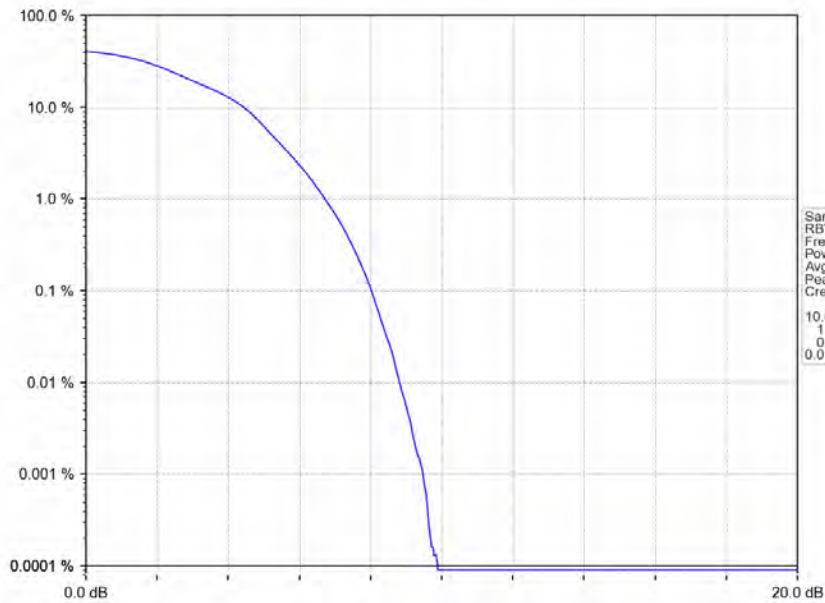
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



Samples: 10.0M
 RBW: 25.00MHz
 Freq: 2593.000MHz
 Power:
 Avg: 15.70dBm
 Peak: 28.82dBm
 Crest: 13.12dB
 10.0 %: 4.47dB
 1.0 %: 6.78dB
 0.1 %: 8.15dB
 0.01 %: 9.00dB

2024-08-29 14:49:37

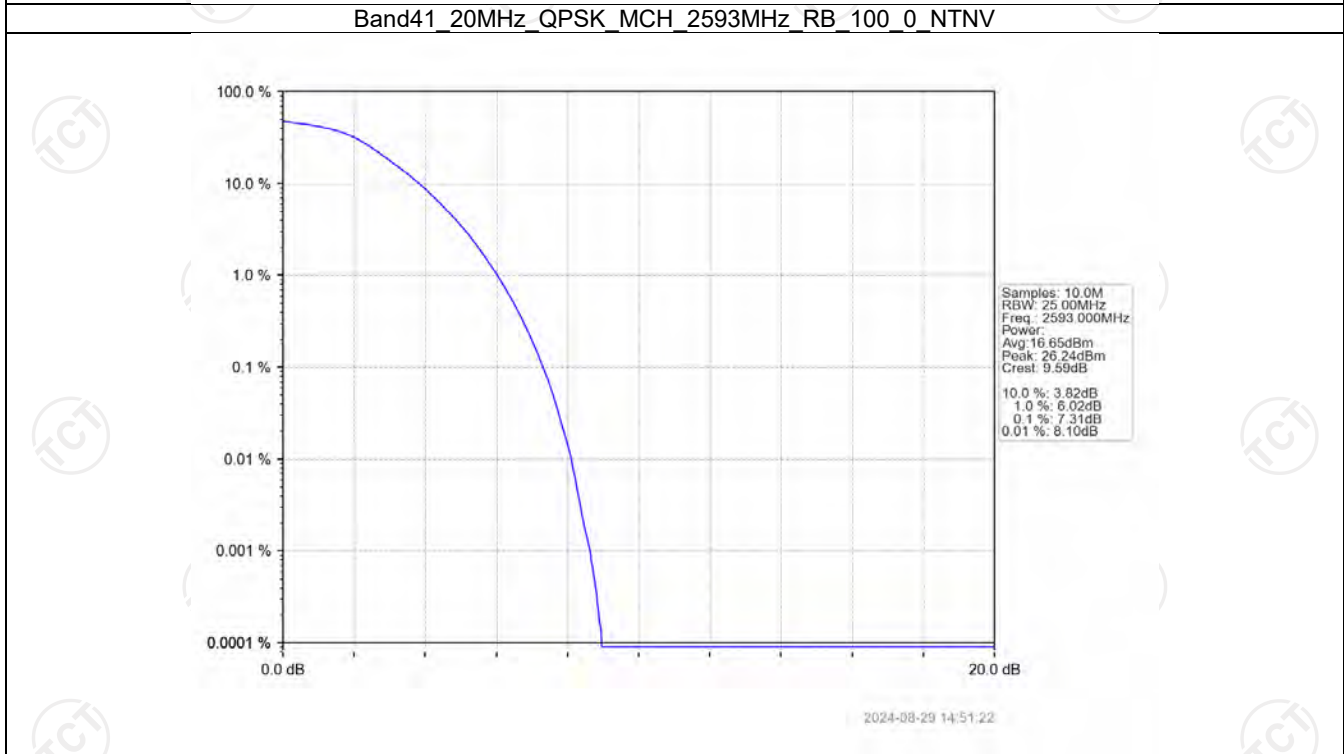
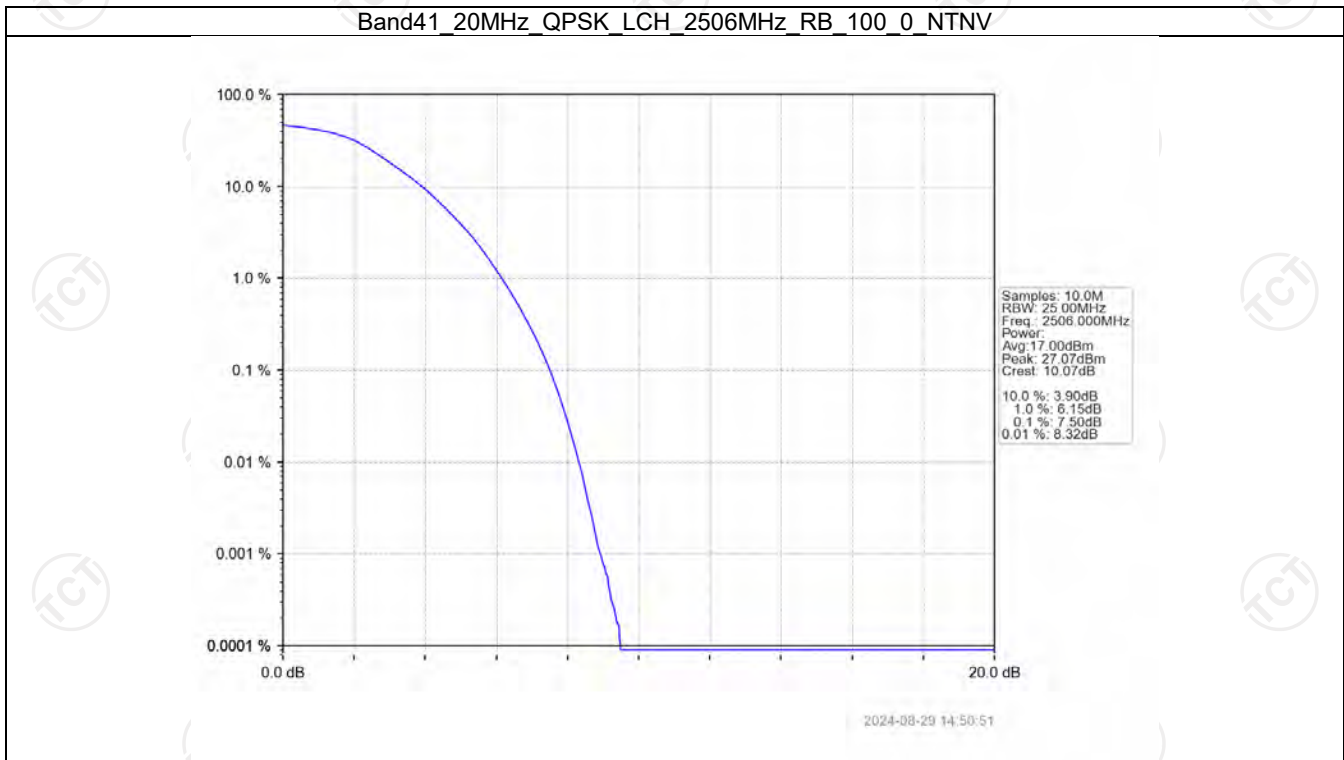
Band41 15MHz 16QAM HCH 2682.5MHz RB 75 0 NTNV



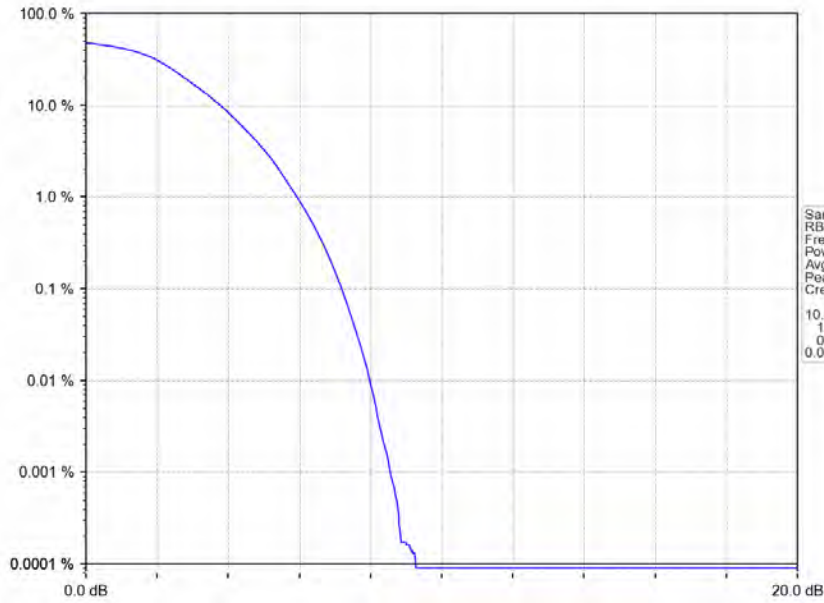
Samples: 10.0M
 RBW: 25.00MHz
 Freq: 2682.500MHz
 Power:
 Avg: 15.28dBm
 Peak: 25.30dBm
 Crest: 10.02dB
 10.0 %: 4.43dB
 1.0 %: 6.72dB
 0.1 %: 8.02dB
 0.01 %: 8.81dB

2024-08-29 14:50:08

5.2.4 B41_20MHz



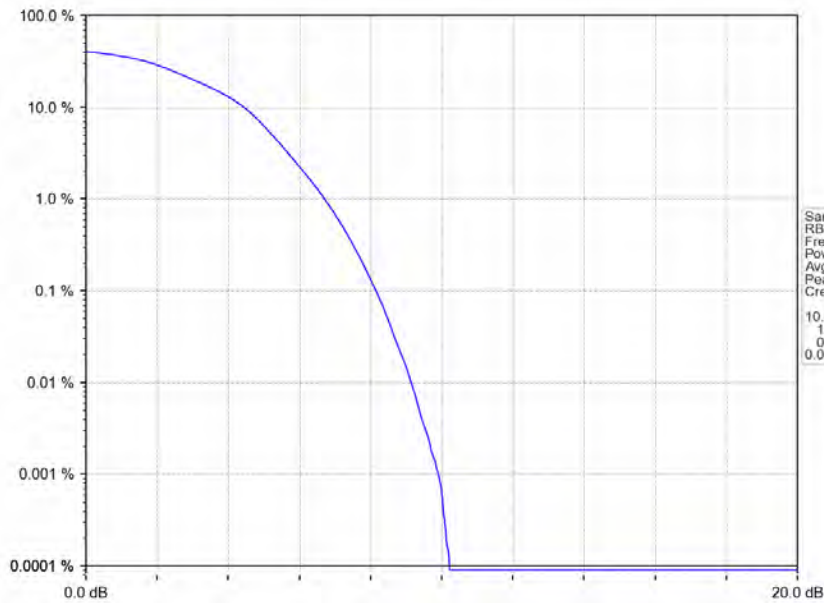
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTN



Samples: 10.0M
RBW: 25.00MHz
Freq: 2680.000MHz
Power:
Avg: 16.24dBm
Peak: 26.55dBm
Crest: 10.31dB
10.0 %: 3.77dB
1.0 %: 5.93dB
0.1 %: 7.19dB
0.01 %: 7.98dB

2024-08-29 14:51:53

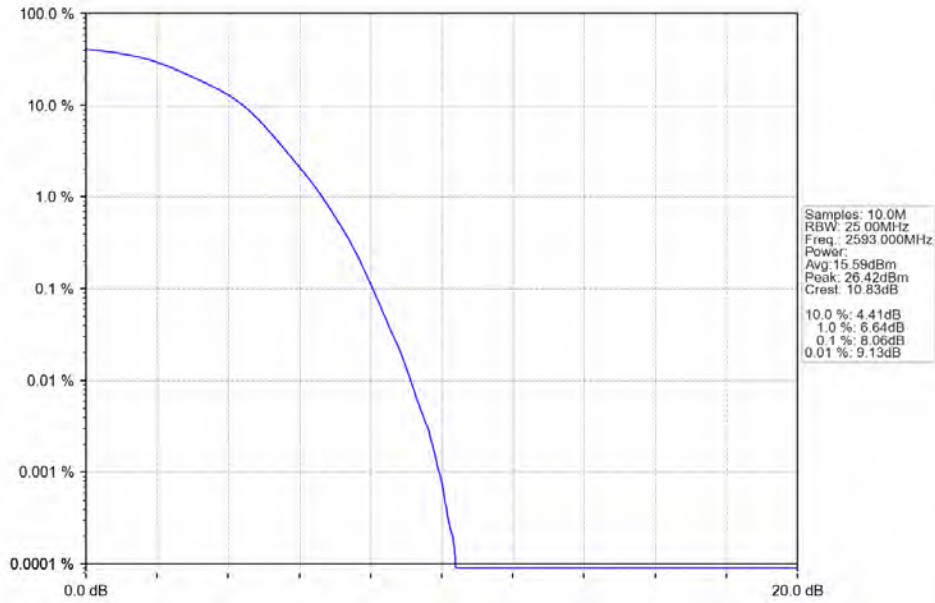
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTN



Samples: 10.0M
RBW: 25.00MHz
Freq: 2506.000MHz
Power:
Avg: 16.11dBm
Peak: 26.58dBm
Crest: 10.47dB
10.0 %: 4.44dB
1.0 %: 6.71dB
0.1 %: 8.15dB
0.01 %: 9.14dB

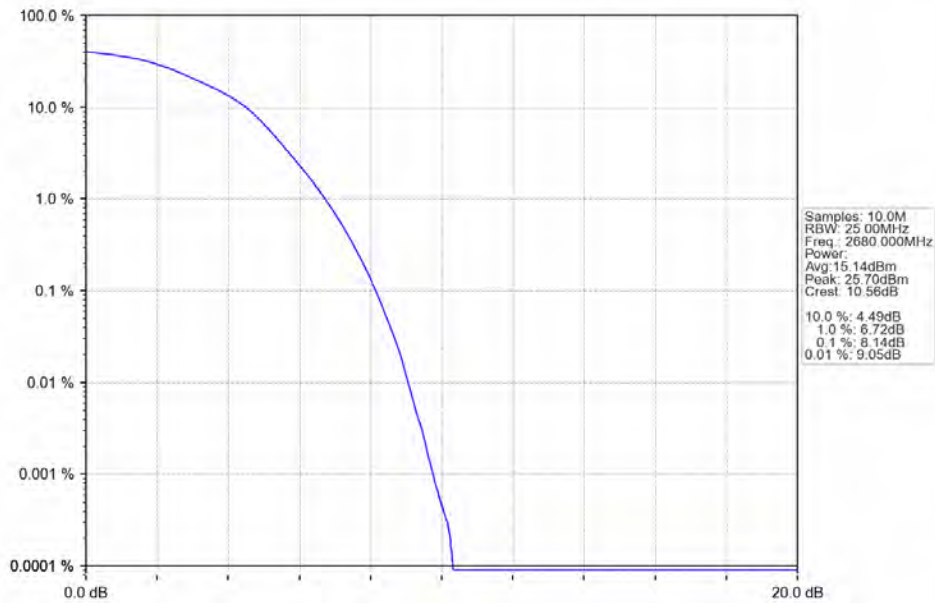
2024-08-29 14:51:05

Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTNV



2024-08-29 14:51:36

Band41 20MHz 16QAM HCH 2680MHz RB 100 0 NTNV



2024-08-29 14:52:07

6. Spurious Emission

6.1 Test Result

6.1.1 B41_5MHz

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

6.1.2 B41_10MHz

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

6.1.3 B41_15MHz

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

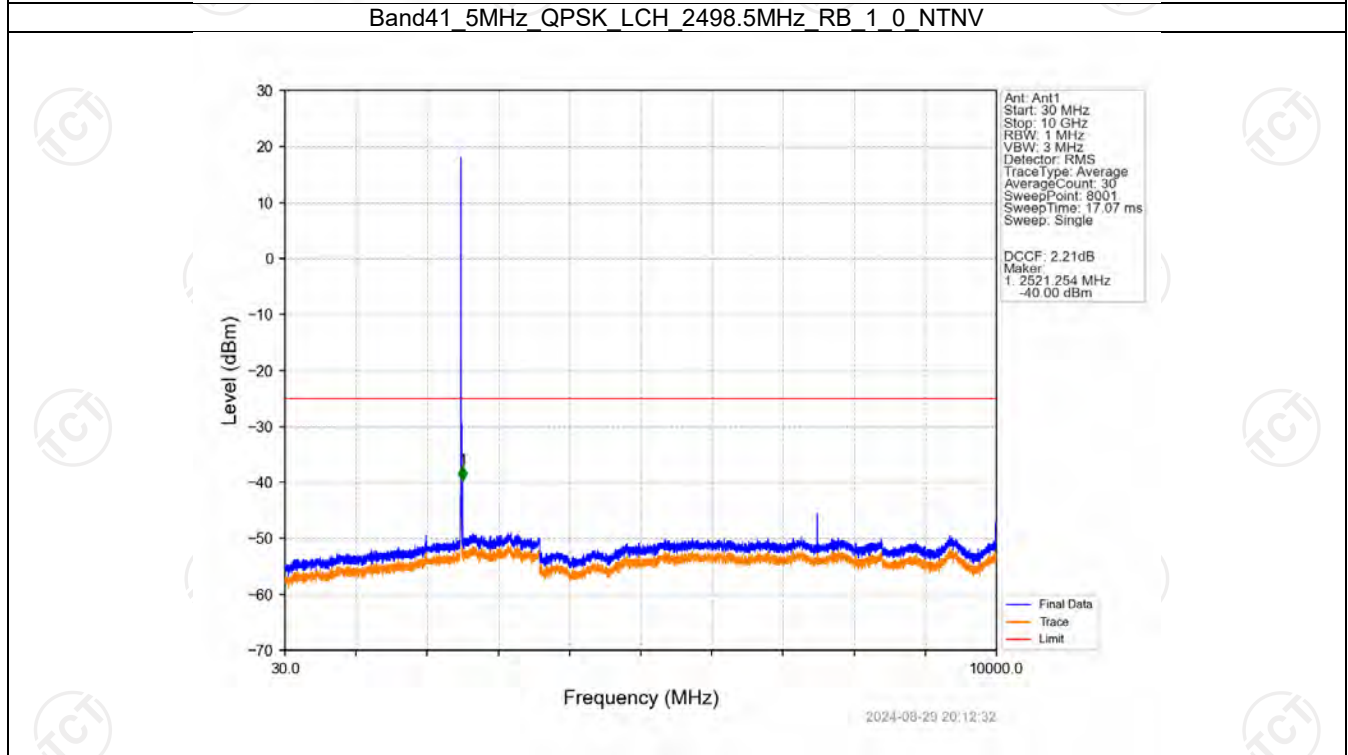
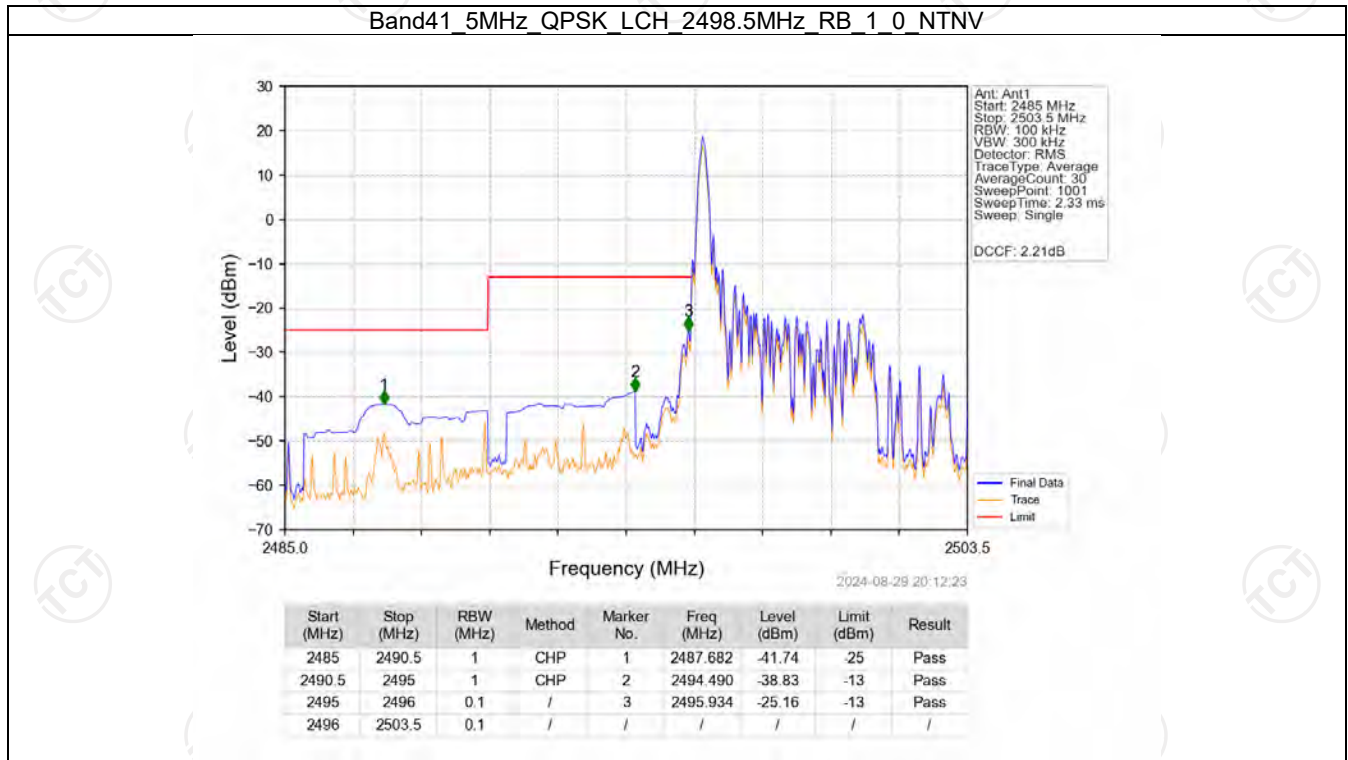
		75	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2682.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

6.1.4 B41_20MHz

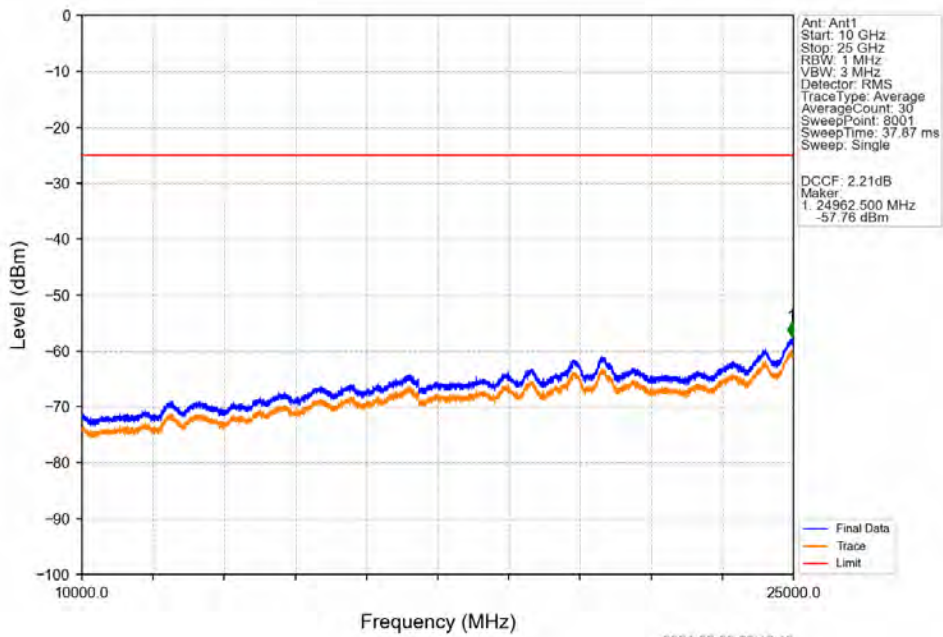
Band: 41 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test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

6.2 Test Graph

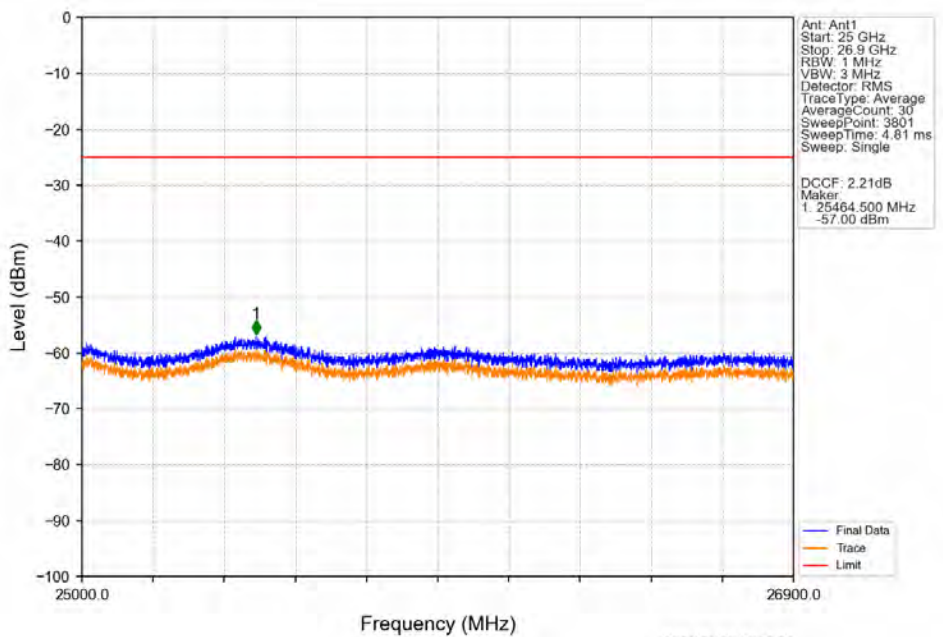
6.2.1 B41_5MHz



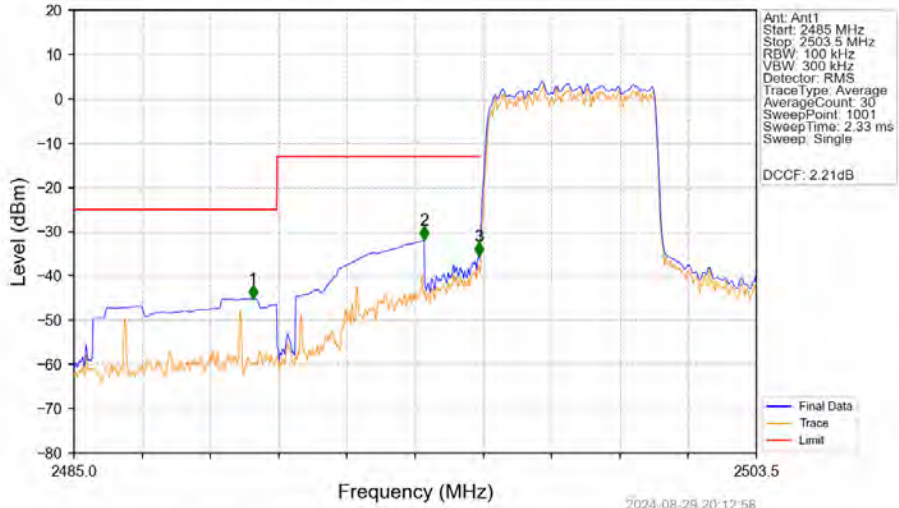
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTV



Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTV

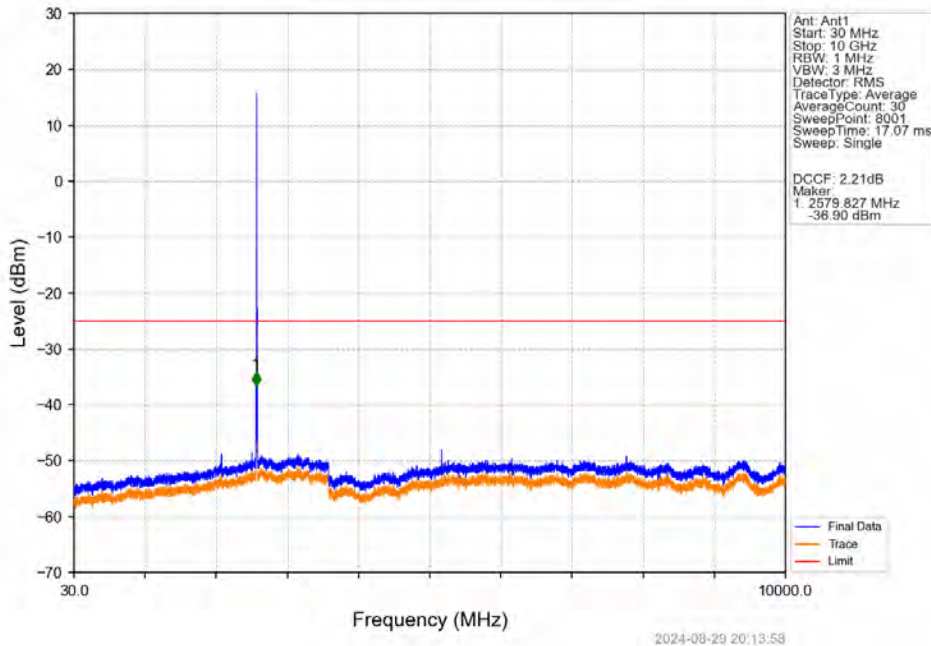


Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTV

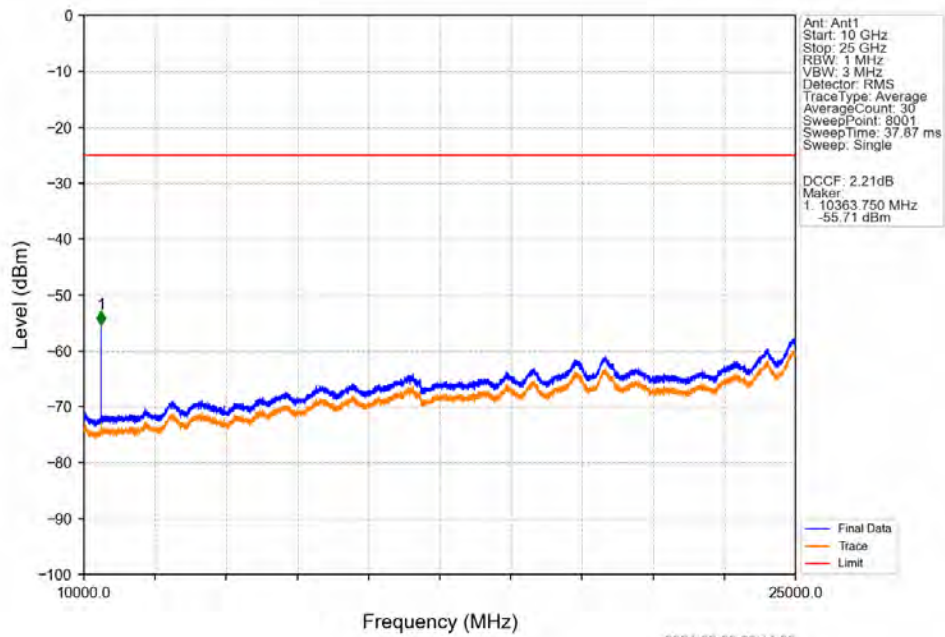


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.847	-45.17	-25	Pass
2490.5	2495	1	CHP	2	2494.490	-31.94	-13	Pass
2495	2496	0.1	/	3	2495.970	-35.50	-13	Pass
2496	2503.5	0.101	CHP	/	/	/	/	/

Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTV

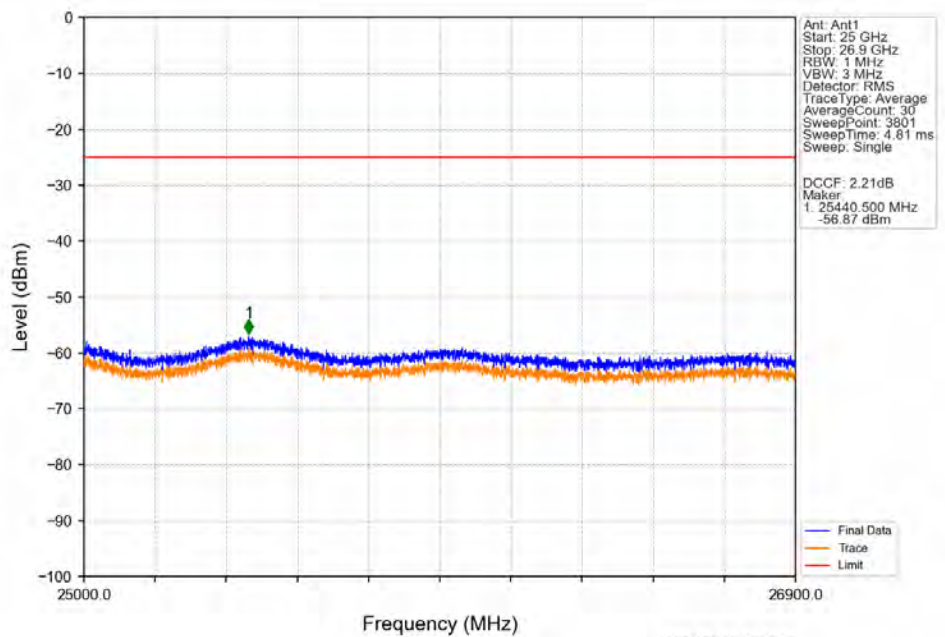


Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTV



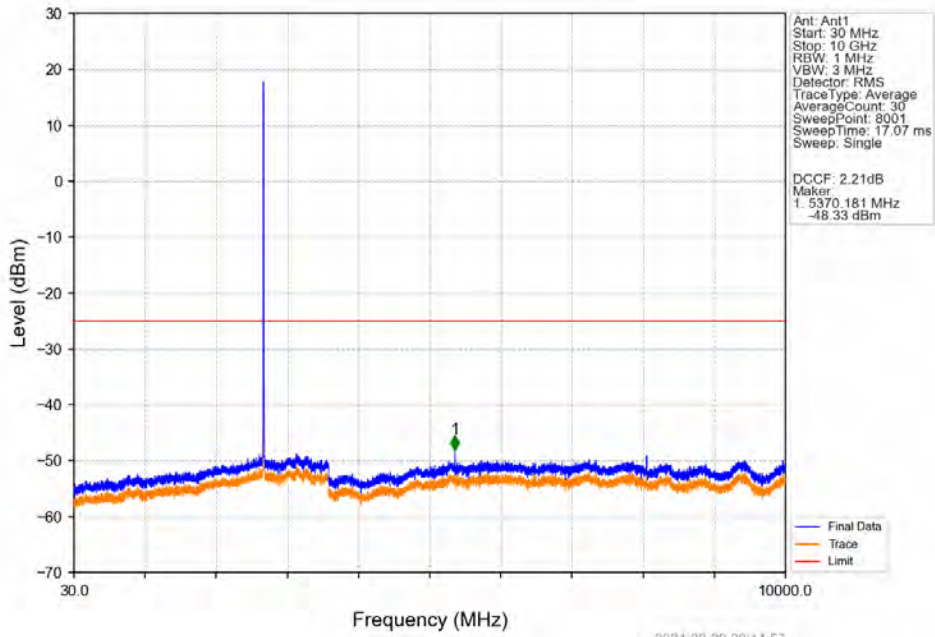
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Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTV

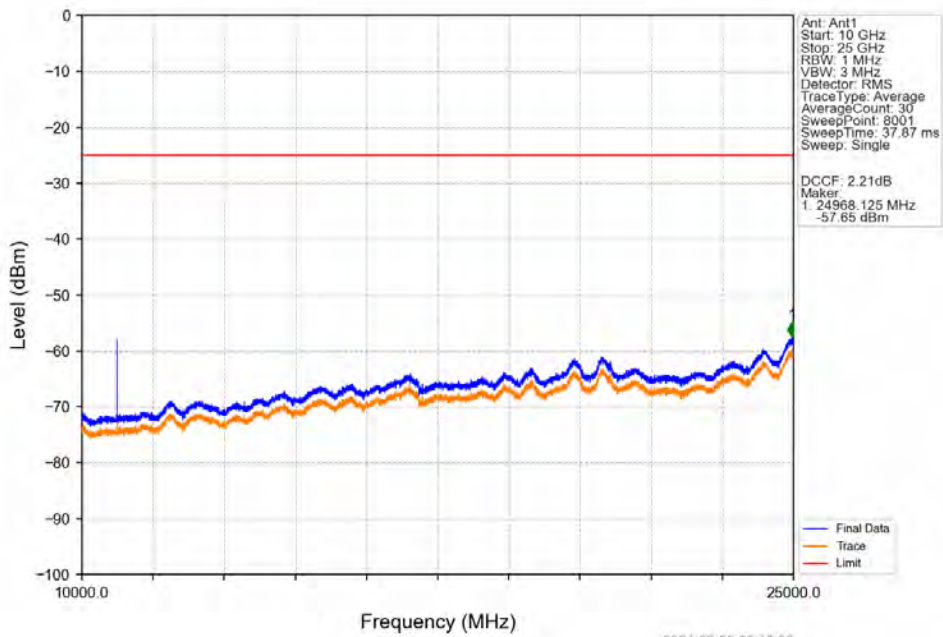


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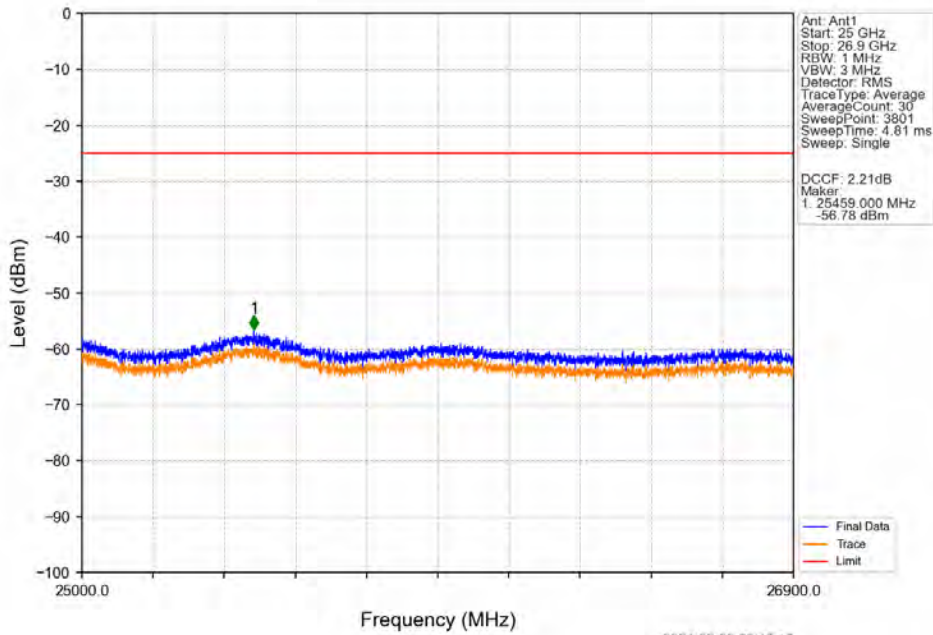
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV

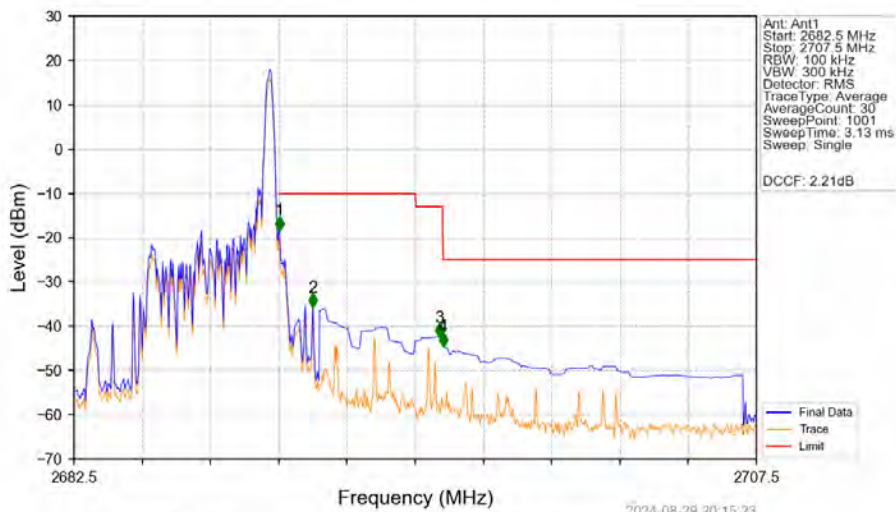


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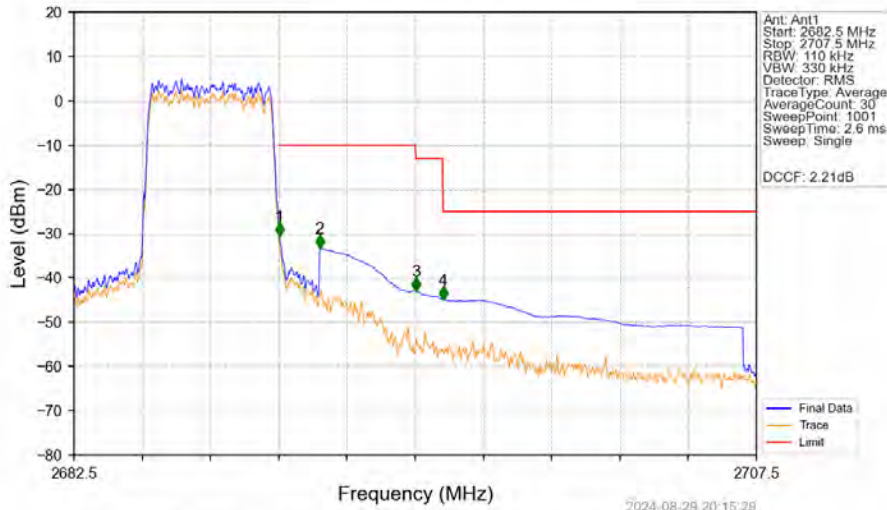
Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTV



2024-08-29 20:15:23

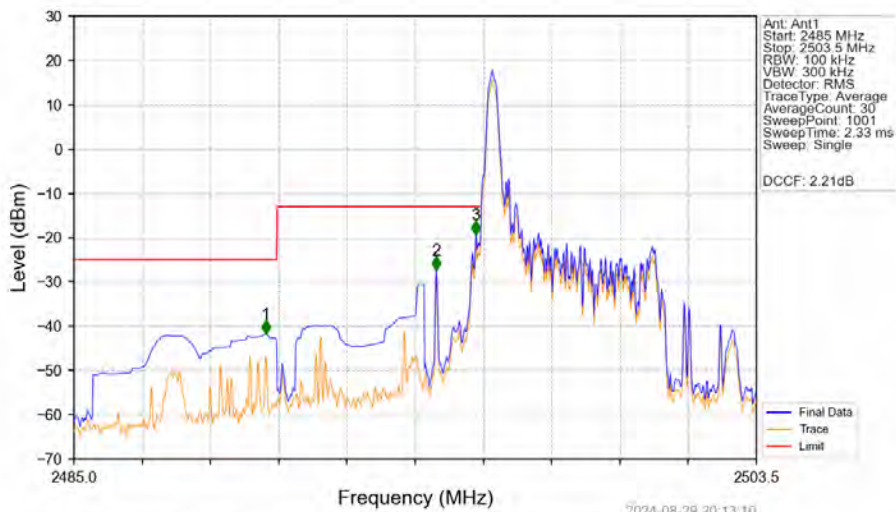
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.025	-18.30	-10	Pass
2691	2695	1	CHP	2	2691.250	-35.62	-10	Pass
2695	2696	1	CHP	3	2695.875	-42.37	-13	Pass
2696	2707.5	1	CHP	4	2696.025	-44.54	-25	Pass

Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTV



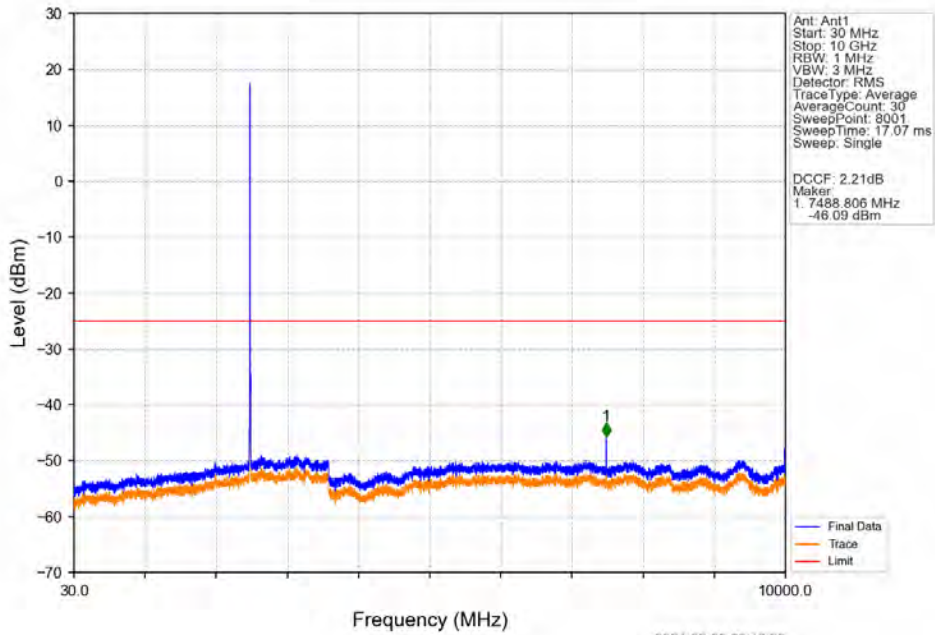
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.11	/	/	/	/	/	/
2690	2691	0.11	/	1	2690.025	-30.52	-10	Pass
2691	2695	1	CHP	2	2691.500	-33.24	-10	Pass
2695	2696	1	CHP	3	2695.025	-42.96	-13	Pass
2696	2707.5	1	CHP	4	2696.025	-44.89	-25	Pass

Band41 5MHz 16QAM LCH 2498.5MHz RB 1 0 NTV

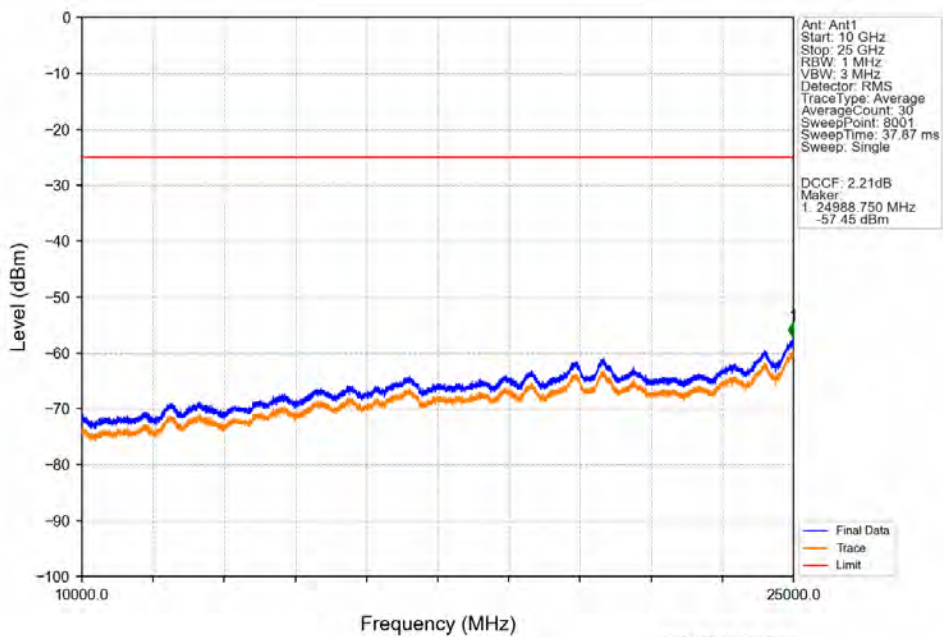


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.198	-41.78	-25	Pass
2490.5	2495	1	CHP	2	2494.823	-27.35	-13	Pass
2495	2496	0.1	/	3	2495.896	-19.27	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

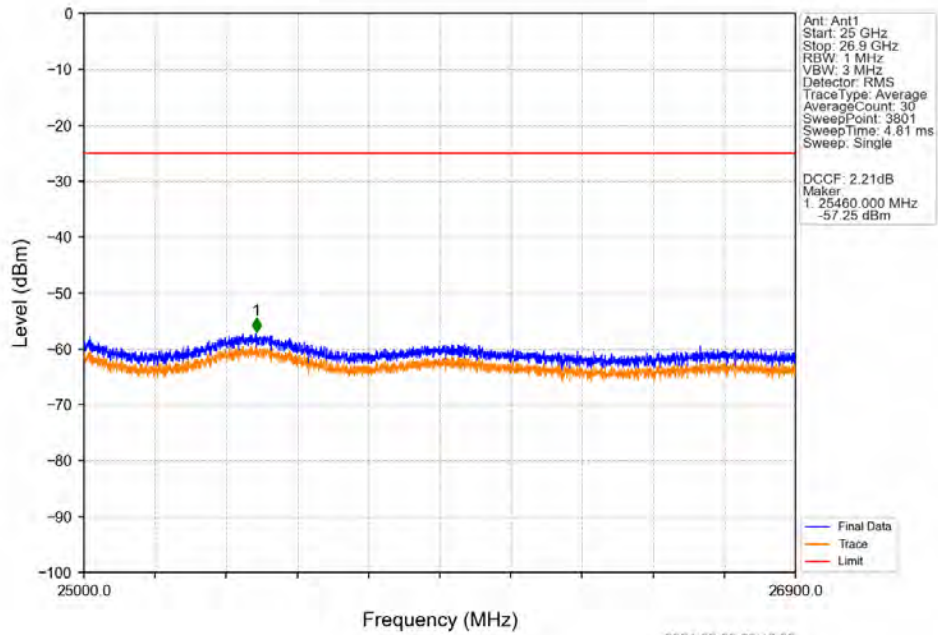
Band41 5MHz 16QAM LCH 2498.5MHz RB 1 0 NTV



Band41 5MHz 16QAM LCH 2498.5MHz RB 1 0 NTV

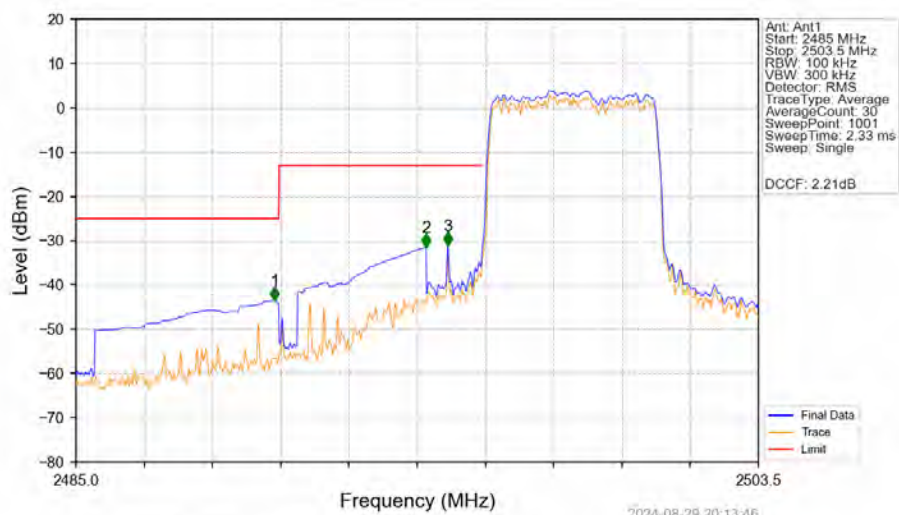


Band41 5MHz 16QAM LCH 2498.5MHz RB 1 0 NTNV



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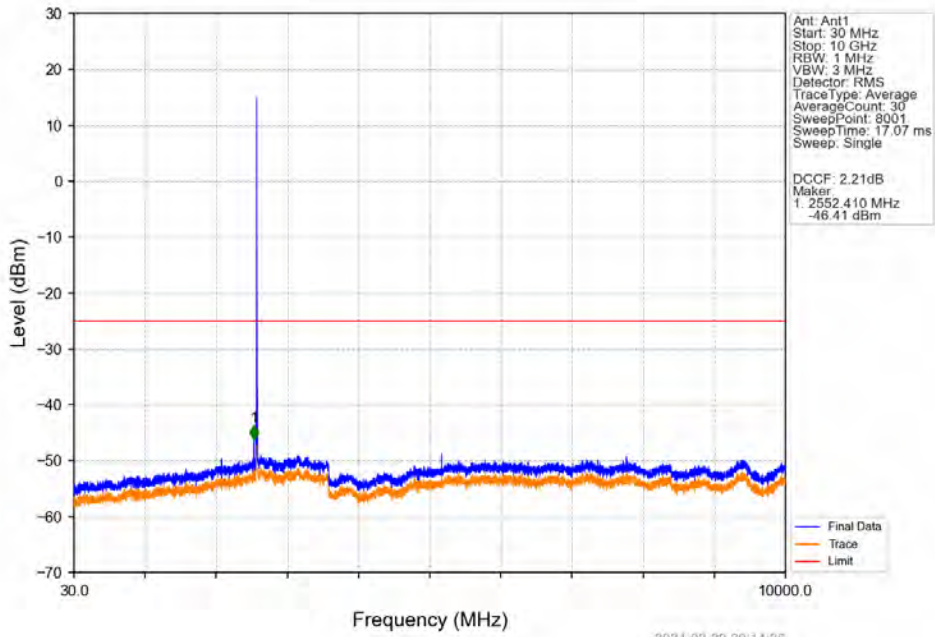
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV



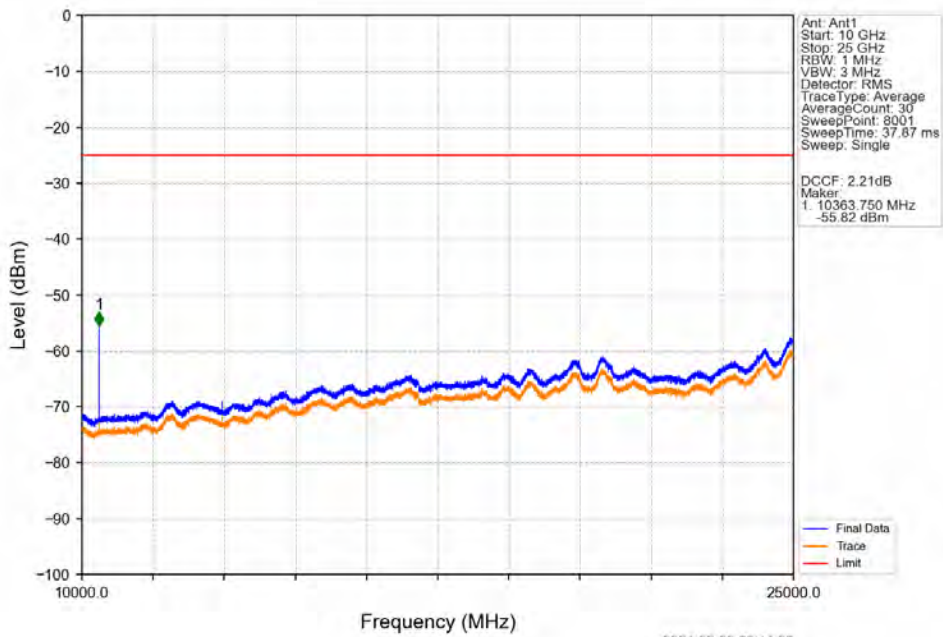
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.383	-43.48	-25	Pass
2490.5	2495	1	CHP	2	2494.490	-31.56	-13	Pass
2495	2496	0.1	/	3	2495.082	-31.07	-13	Pass
2496	2503.5	0.101	CHP	/	/	/	/	/

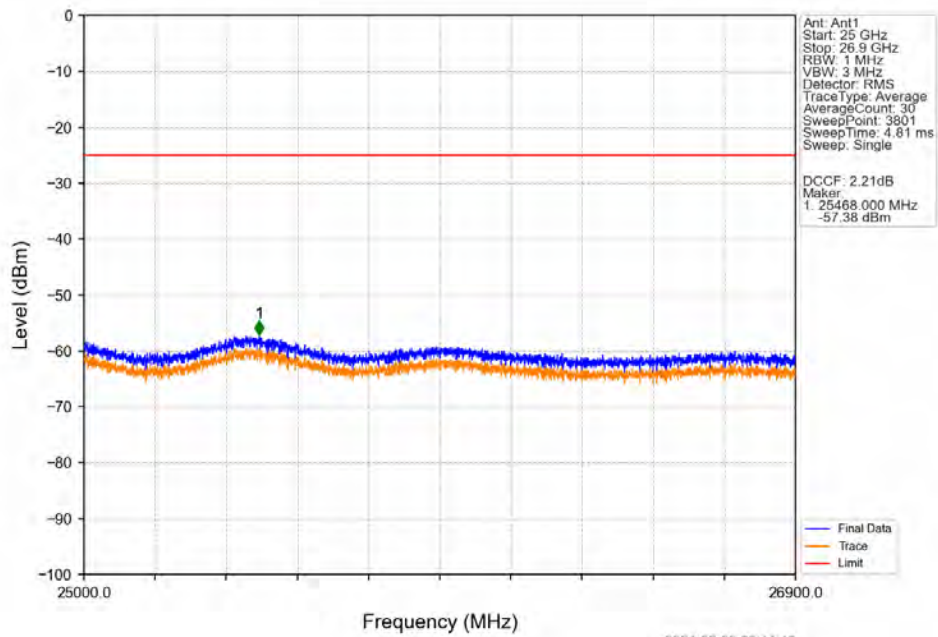
Band41 5MHz 16QAM MCH 2593MHz RB 1 0 NTNV



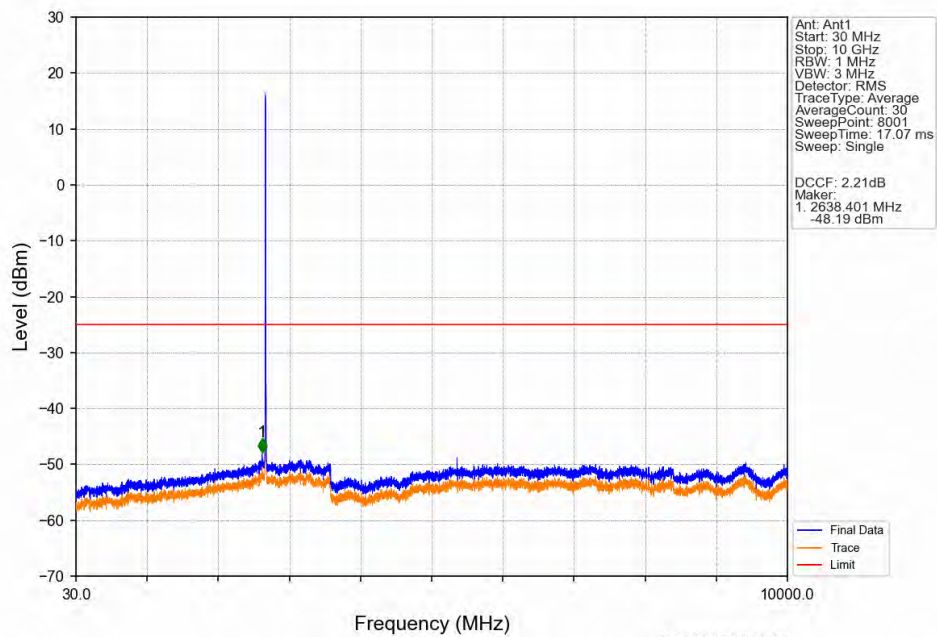
Band41 5MHz 16QAM MCH 2593MHz RB 1 0 NTNV



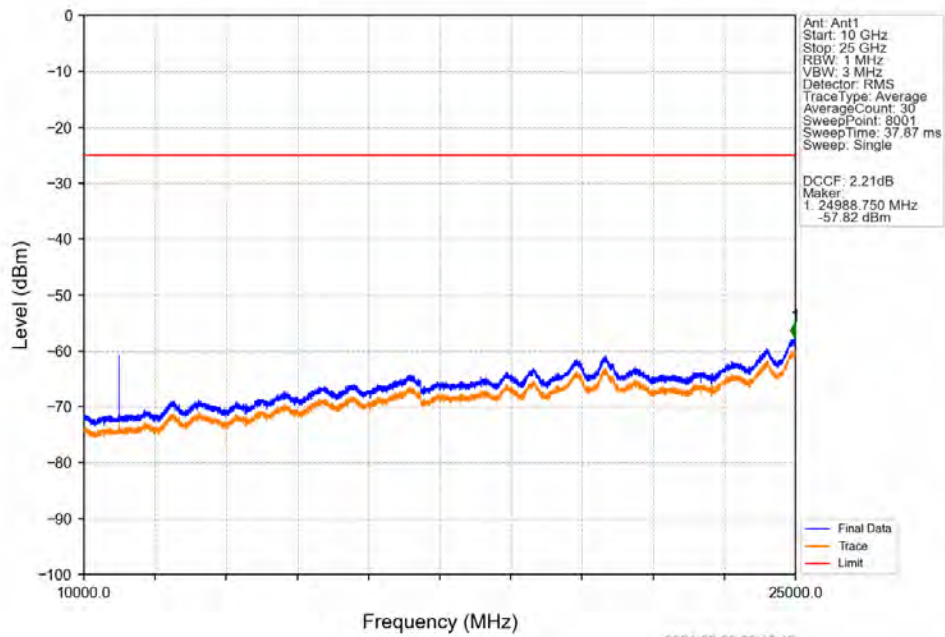
Band41 5MHz 16QAM MCH 2593MHz RB 1 0 NTN



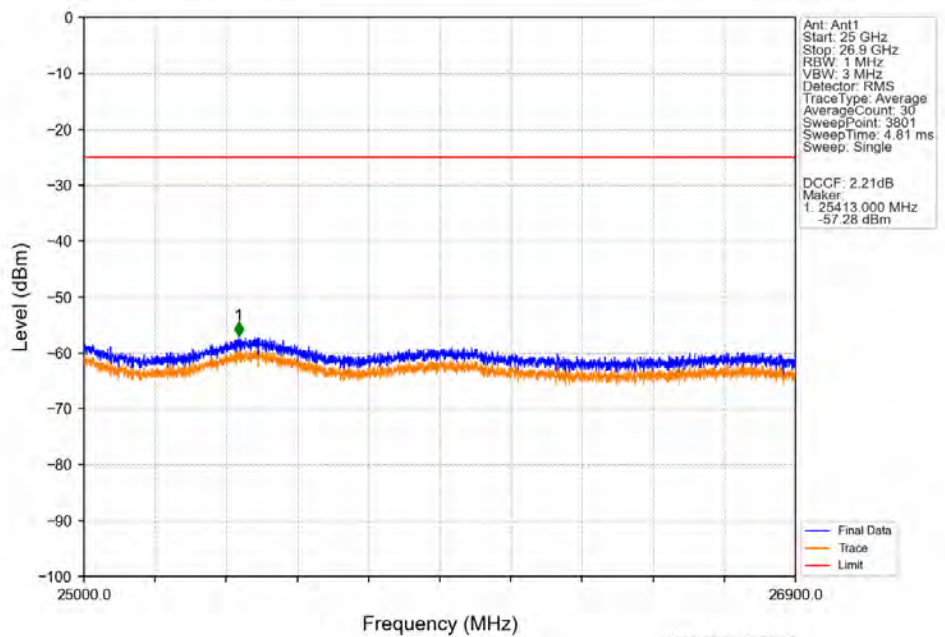
Band41 5MHz 16QAM HCH 2687.5MHz RB 1 0 NTN



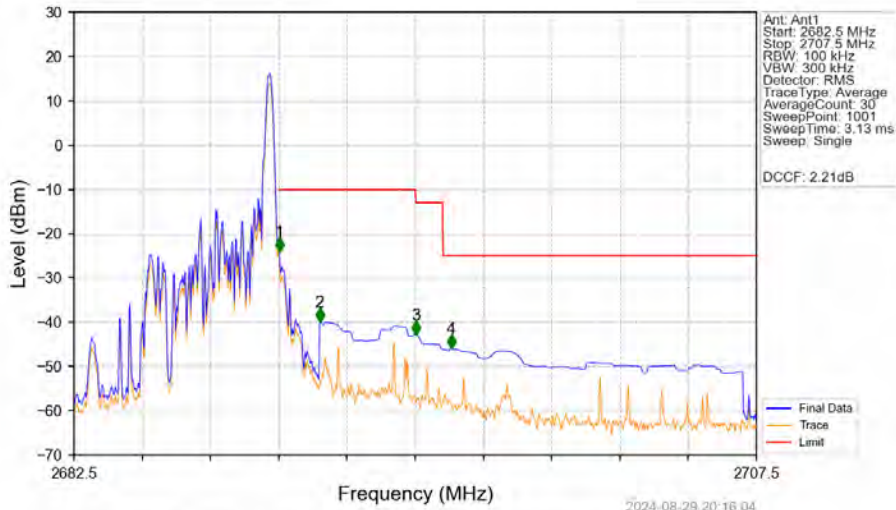
Band41 5MHz 16QAM HCH 2687.5MHz RB 1 0 NTN



Band41 5MHz 16QAM HCH 2687.5MHz RB 1 0 NTN

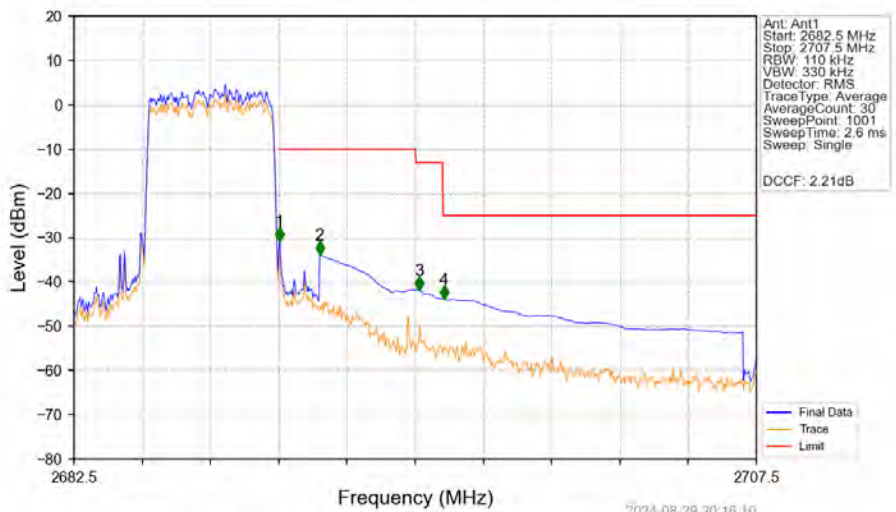


Band41 5MHz 16QAM HCH 2687.5MHz RB 1 24 NTN



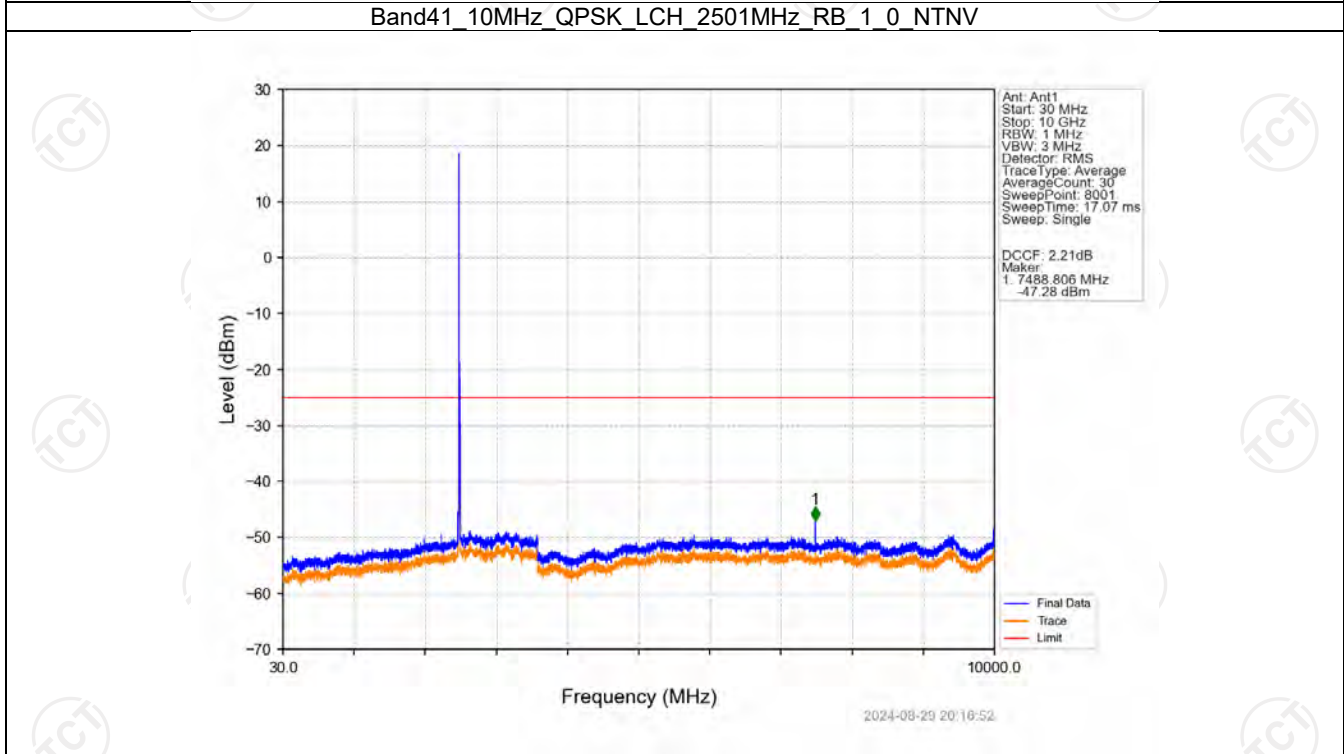
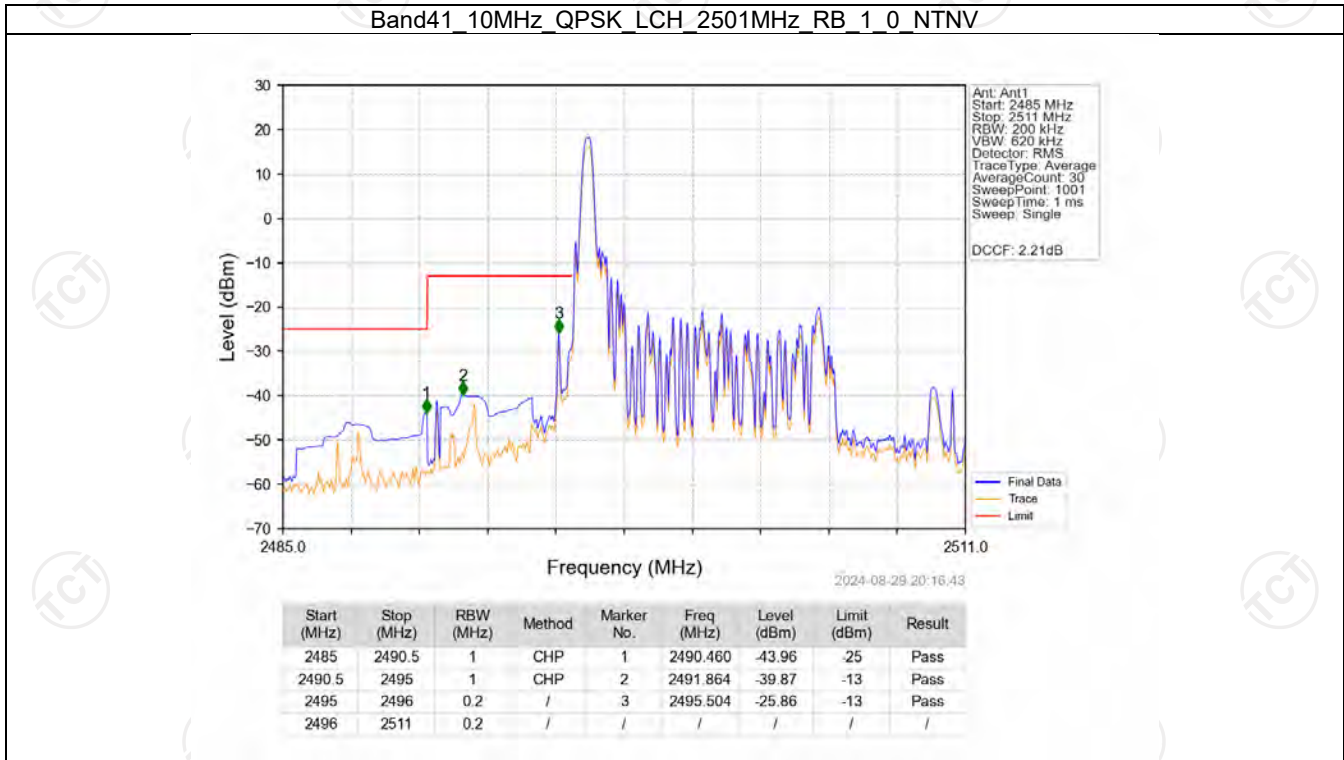
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.025	-24.11	-10	Pass
2691	2695	1	CHP	2	2691.500	-39.84	-10	Pass
2695	2696	1	CHP	3	2695.025	-42.77	-13	Pass
2696	2707.5	1	CHP	4	2696.325	-45.82	-25	Pass

Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTN

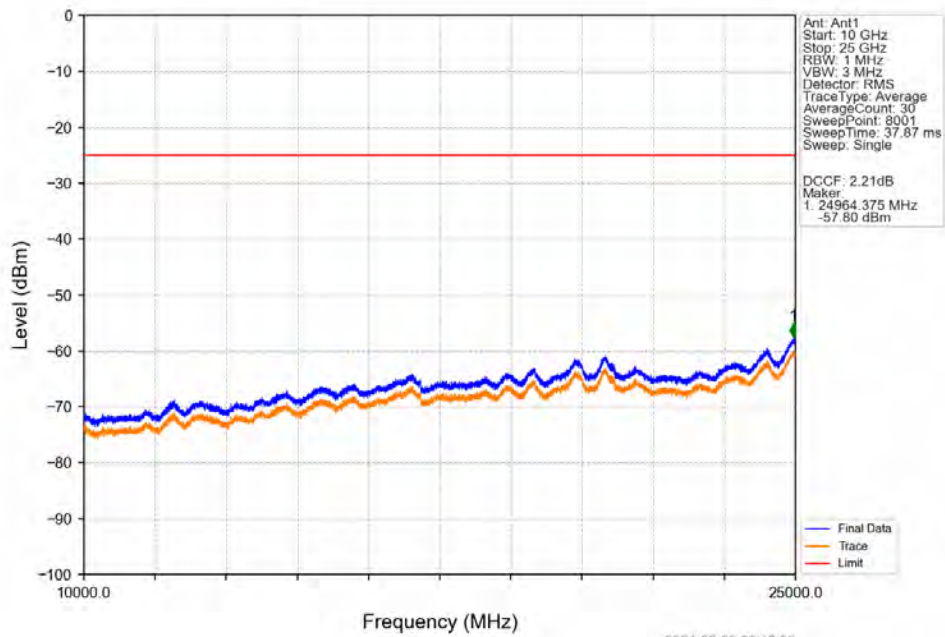


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.11	/	/	/	/	/	/
2690	2691	0.11	/	1	2690.025	-30.82	-10	Pass
2691	2695	1	CHP	2	2691.500	-33.79	-10	Pass
2695	2696	1	CHP	3	2695.150	-41.83	-13	Pass
2696	2707.5	1	CHP	4	2696.050	-43.84	-25	Pass

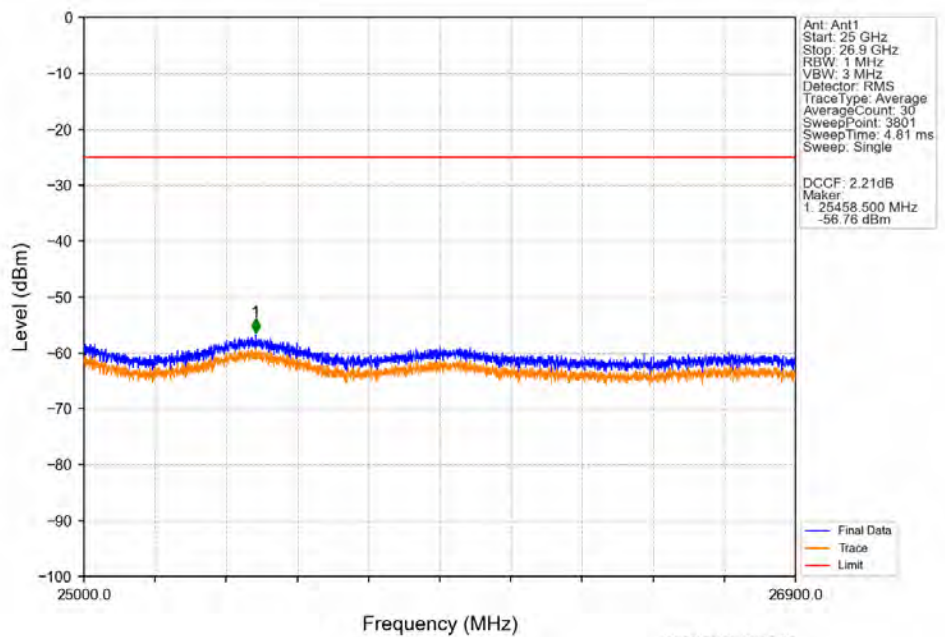
6.2.2 B41_10MHz



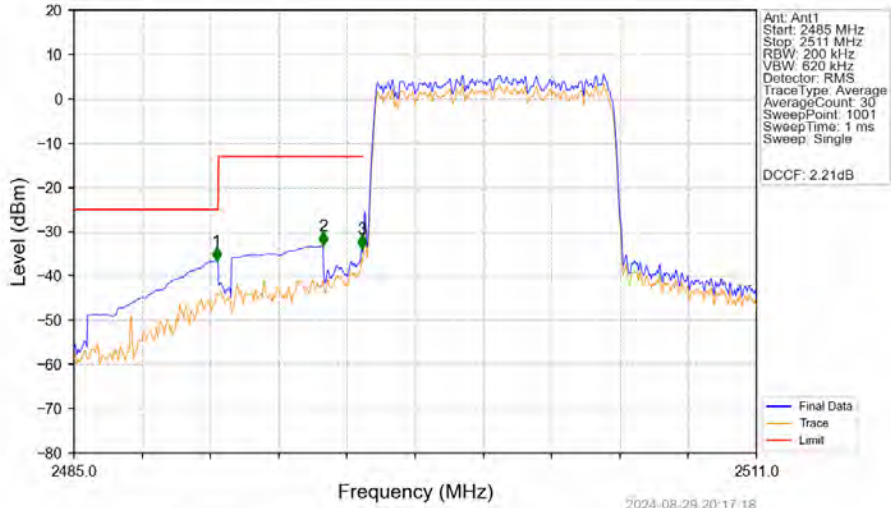
Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTV



Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTV

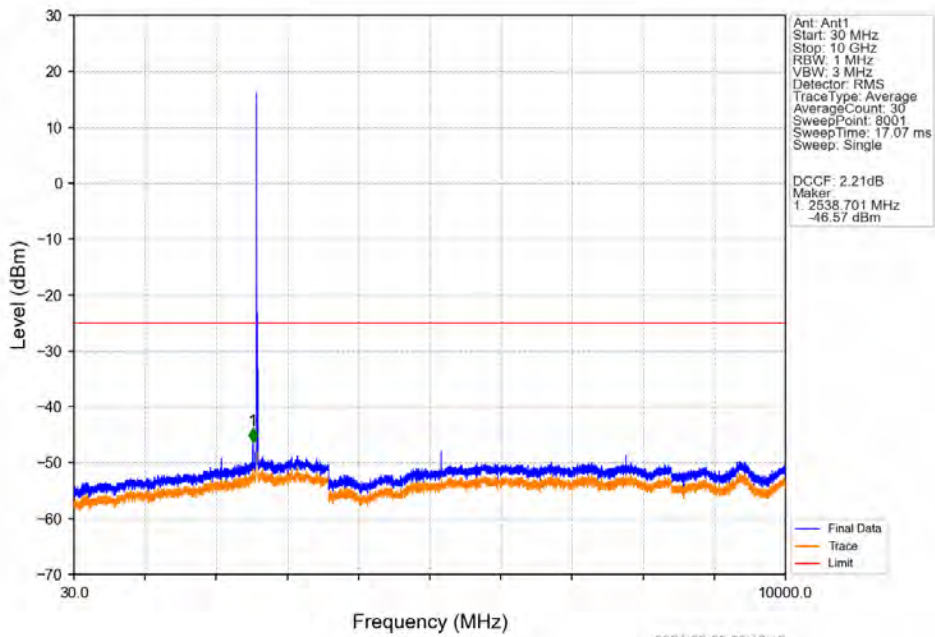


Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTV

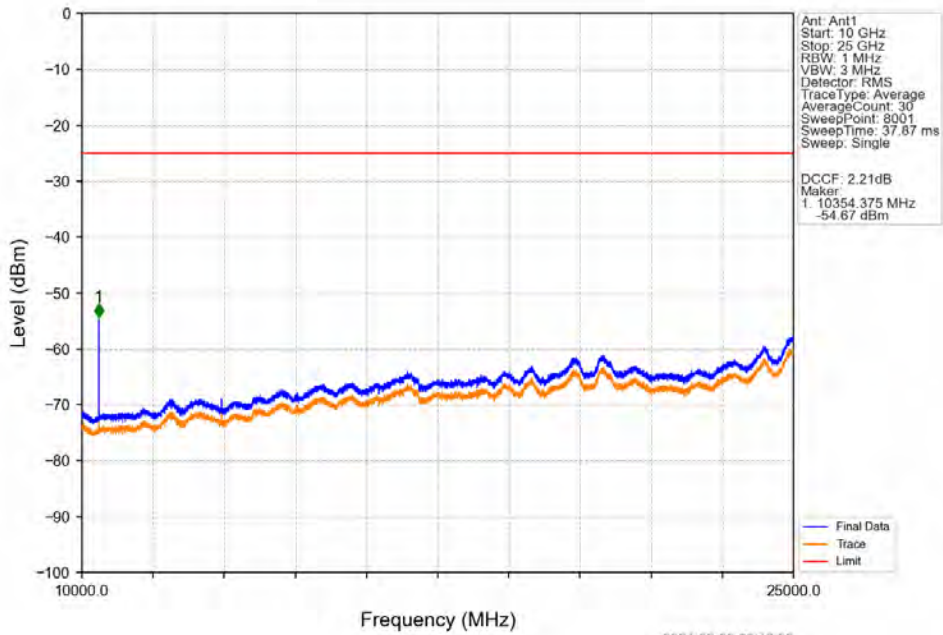


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.434	-36.58	-25	Pass
2490.5	2495	1	CHP	2	2494.490	-33.08	-13	Pass
2495	2496	0.2	/	3	2495.972	-33.80	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTV

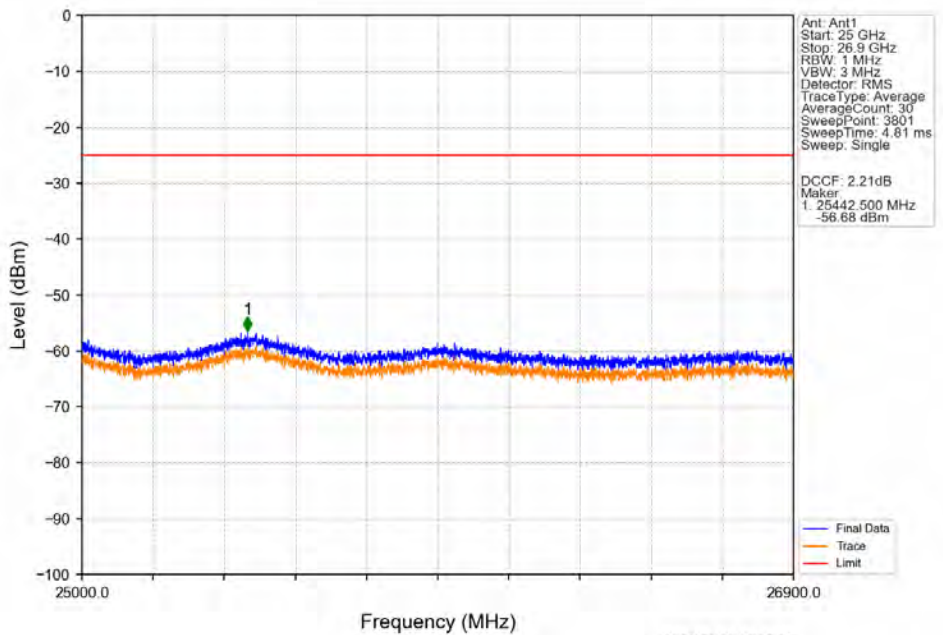


Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTN



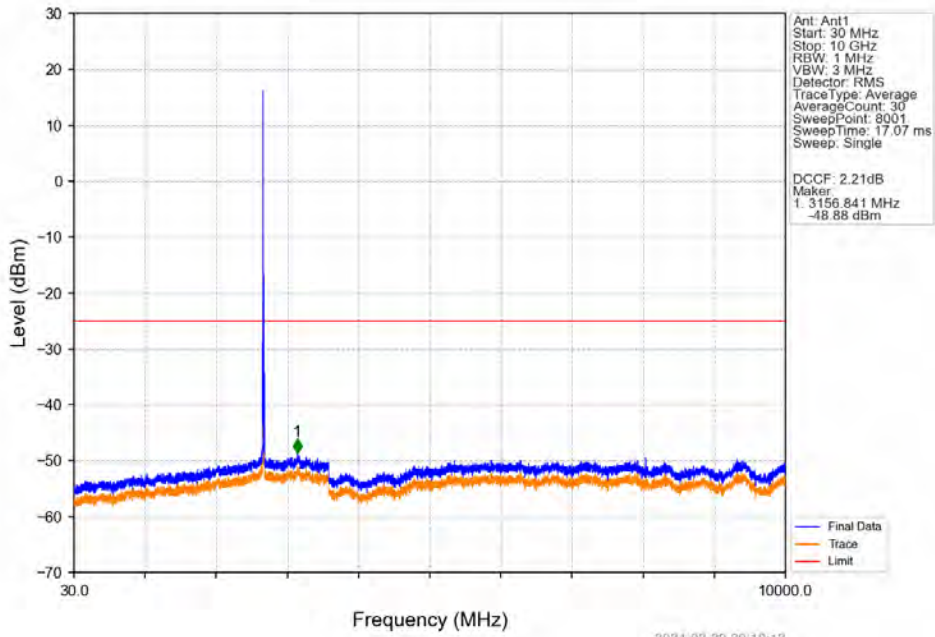
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Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTN

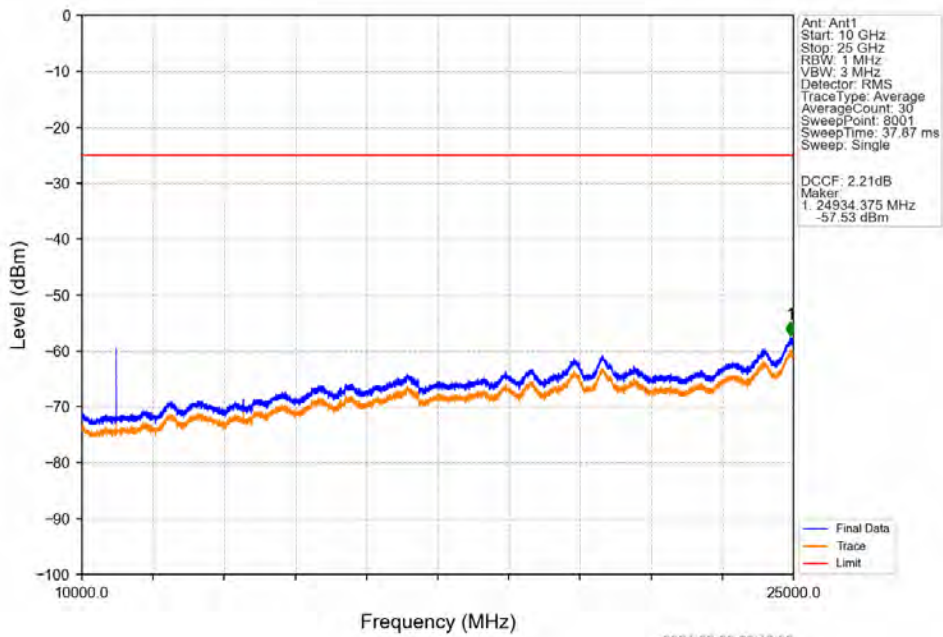


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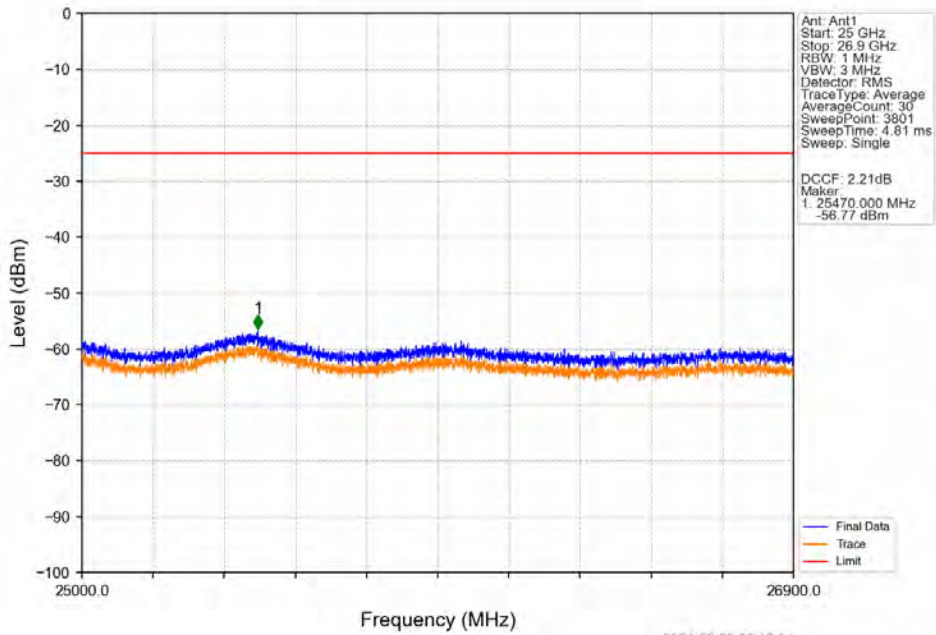
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTV



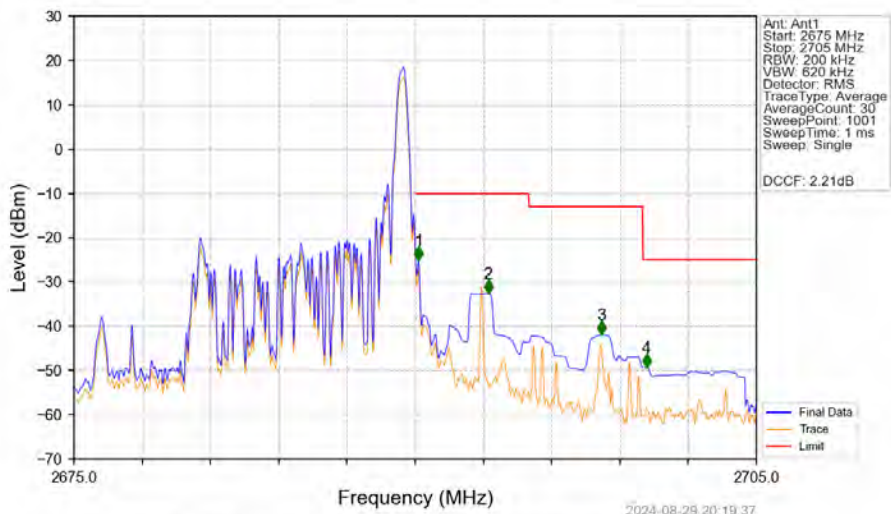
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTV



Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTV

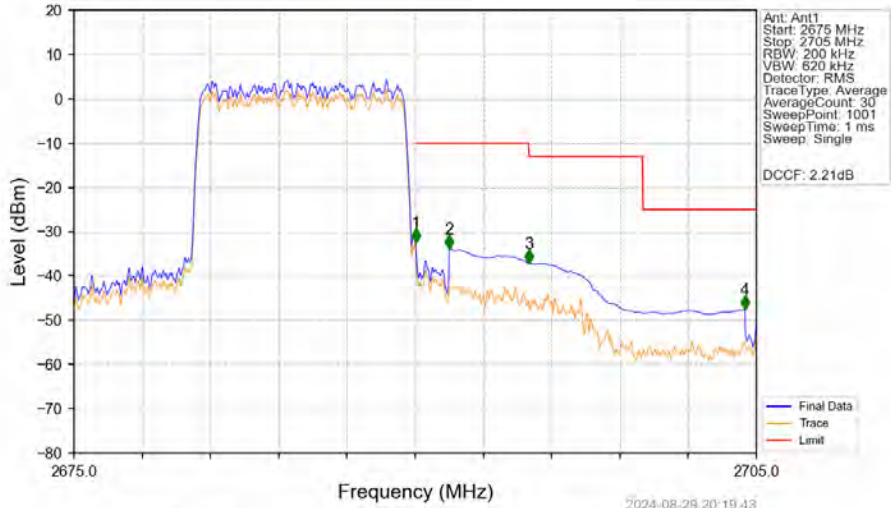


Band41 10MHz QPSK HCH 2685MHz RB 1 49 NTV



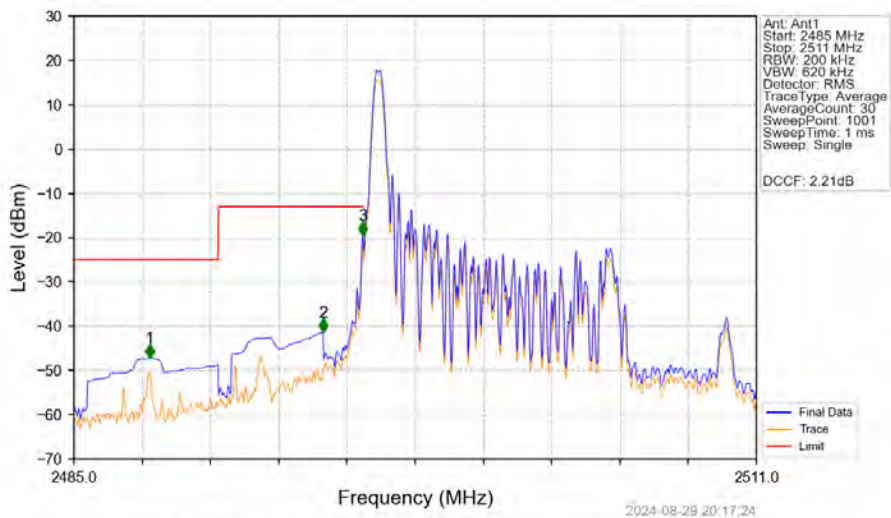
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	/	/	/	/	/	/
2690	2691	0.2	/	1	2690.150	-25.06	-10	Pass
2691	2695	1	CHP	2	2693.210	-32.63	-10	Pass
2695	2700	1	CHP	3	2698.190	-41.96	-13	Pass
2700	2705	1	CHP	4	2700.170	-49.29	-25	Pass

Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV



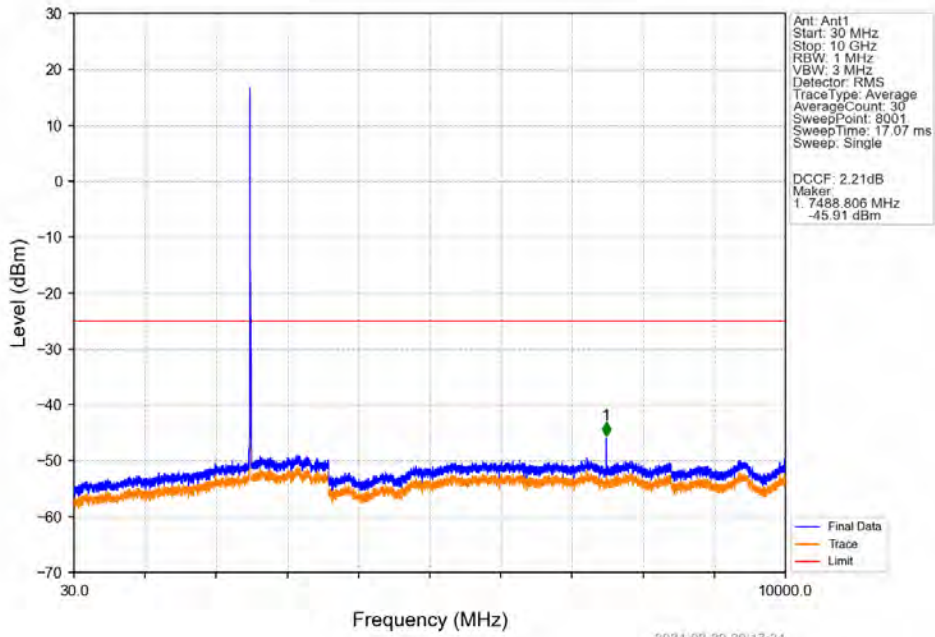
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	/	/	/	/	/	/
2690	2691	0.2	/	1	2690.030	-32.36	-10	Pass
2691	2695	1	CHP	2	2691.500	-33.81	-10	Pass
2695	2700	1	CHP	3	2695.010	-37.20	-13	Pass
2700	2705	1	CHP	4	2704.490	-47.50	-25	Pass

Band41 10MHz 16QAM LCH 2501MHz RB 1 0 NTV

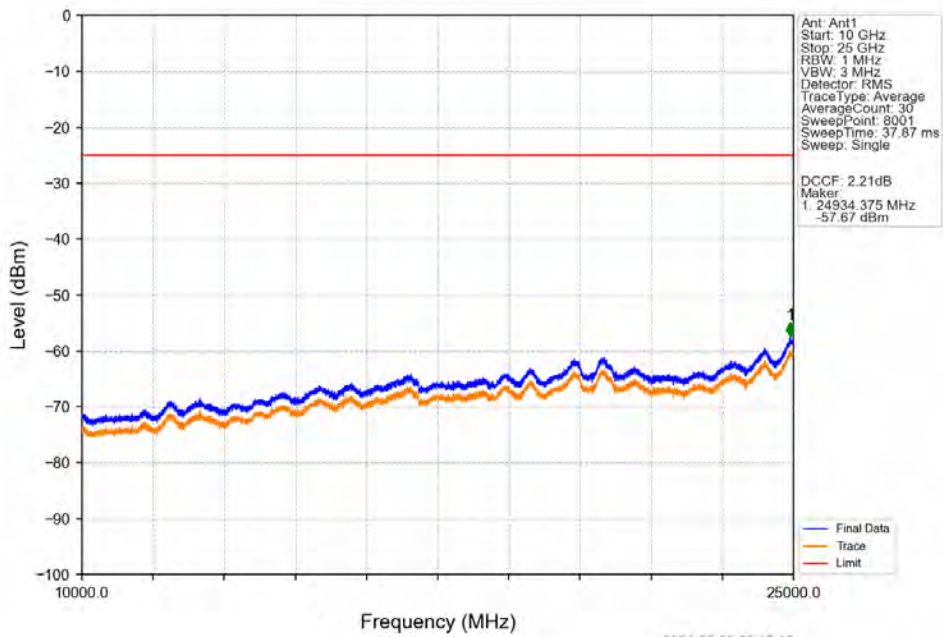


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.886	-47.23	-25	Pass
2490.5	2495	1	CHP	2	2494.490	-41.33	-13	Pass
2495	2496	0.2	/	3	2495.998	-19.54	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

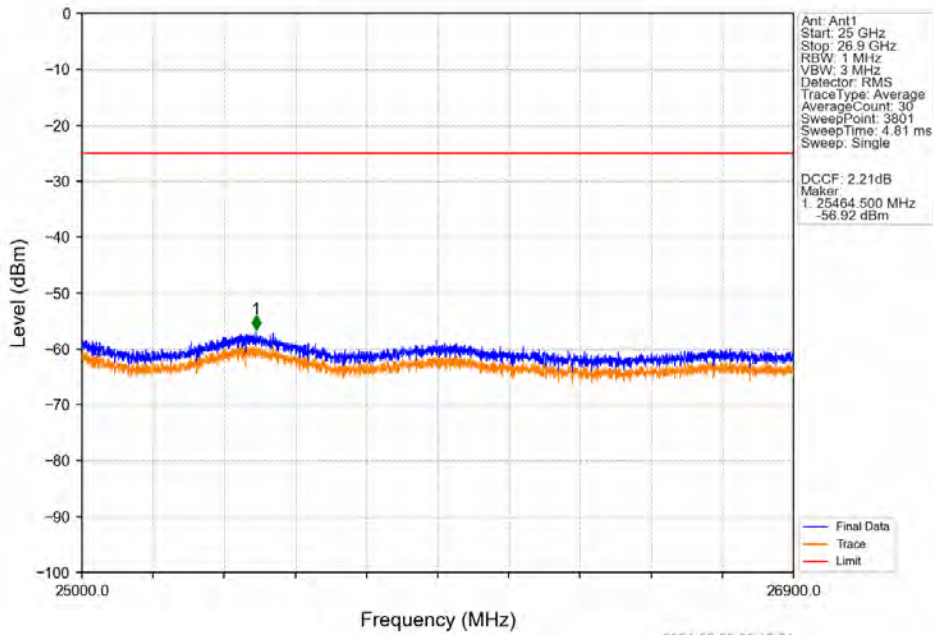
Band41 10MHz 16QAM LCH 2501MHz RB 1 0 NTV



Band41 10MHz 16QAM LCH 2501MHz RB 1 0 NTV

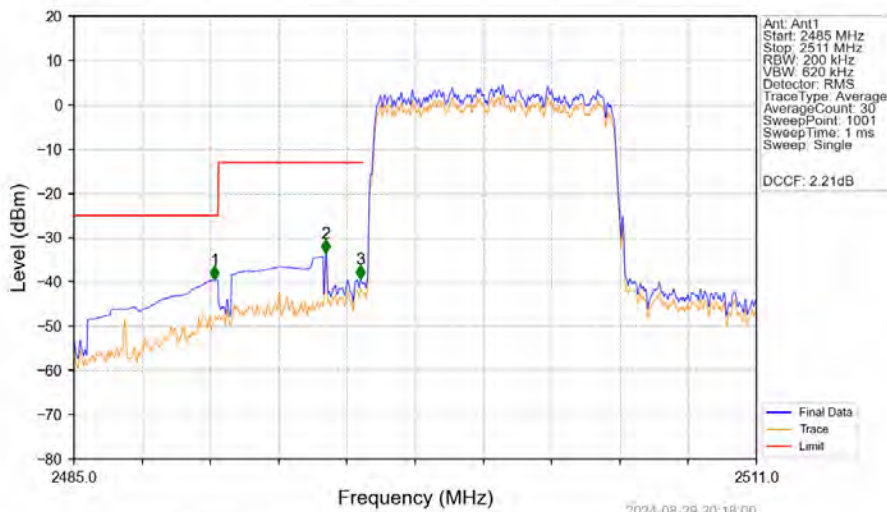


Band41 10MHz 16QAM LCH 2501MHz RB 1 0 NTV



2024-08-29 20:17:54

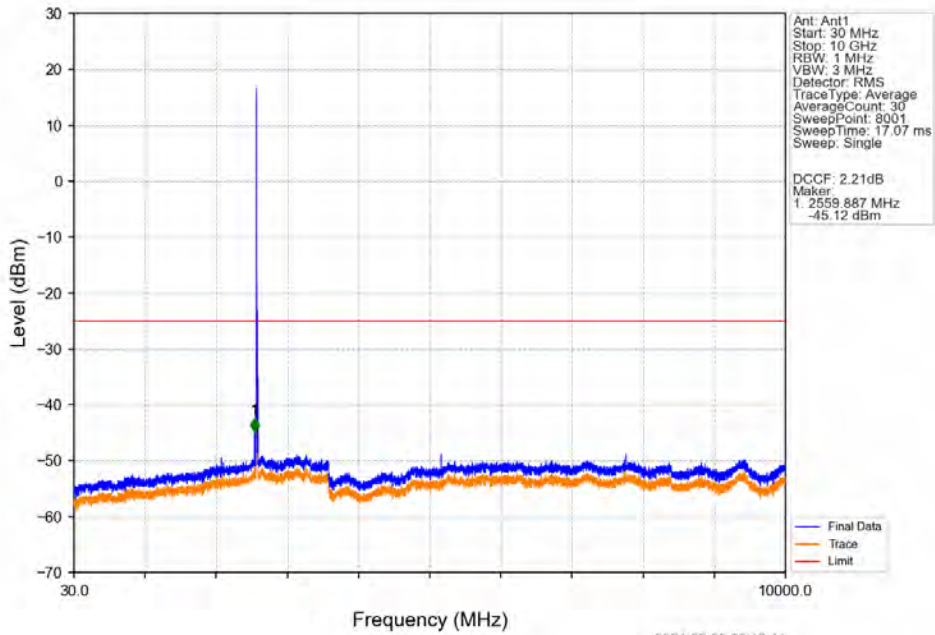
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTV



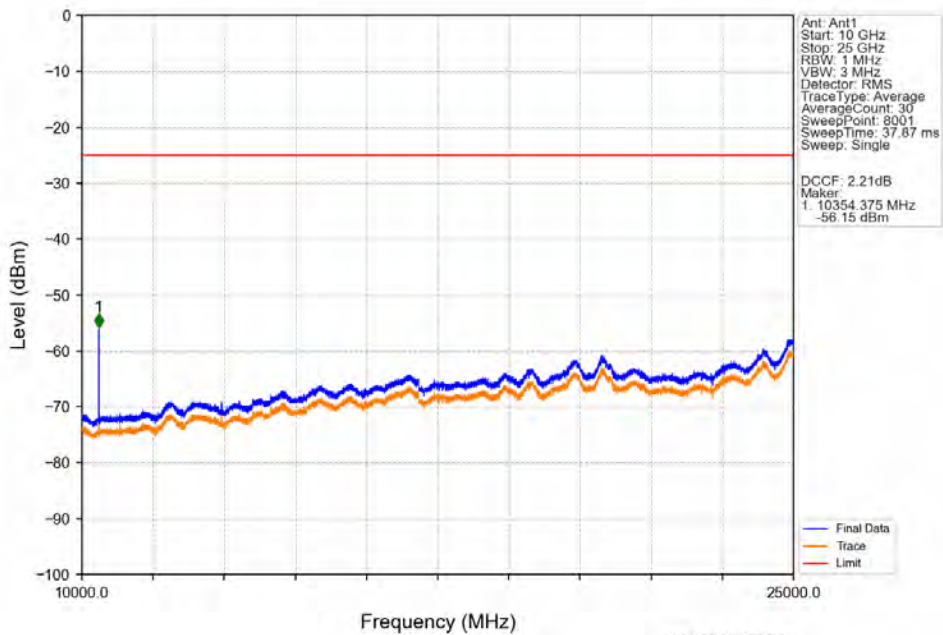
2024-08-29 20:18:00

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.356	-39.47	-25	Pass
2490.5	2495	1	CHP	2	2494.594	-33.44	-13	Pass
2495	2496	0.2	/	3	2495.920	-39.26	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

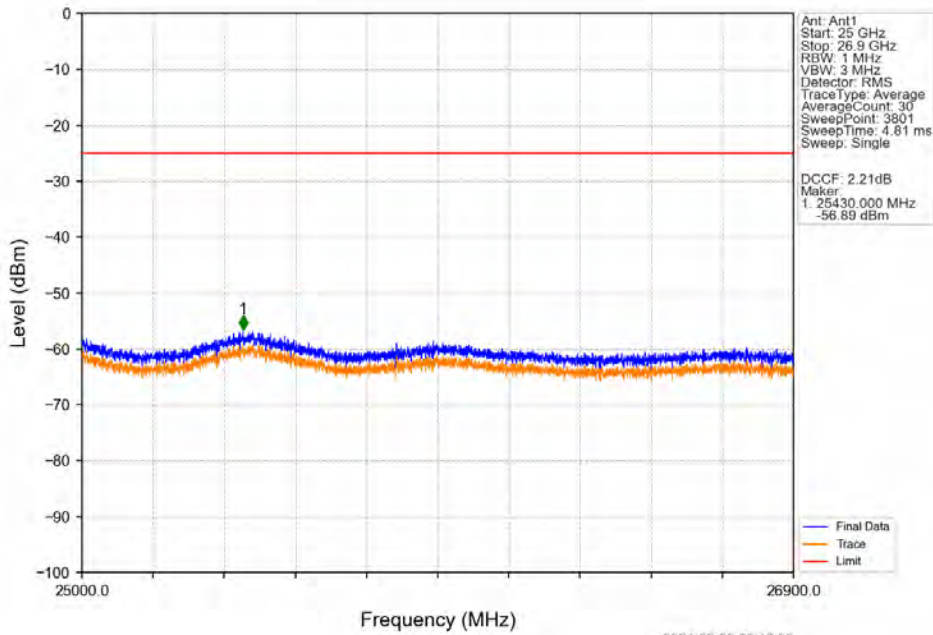
Band41 10MHz 16QAM MCH 2593MHz RB 1 0 NTV



Band41 10MHz 16QAM MCH 2593MHz RB 1 0 NTV

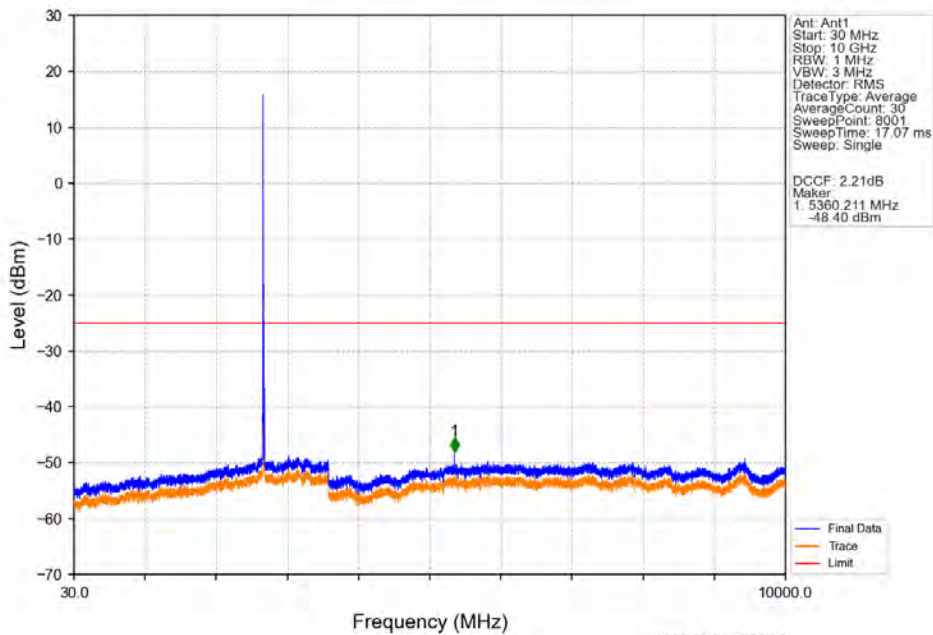


Band41 10MHz 16QAM MCH 2593MHz RB 1 0 NTNV



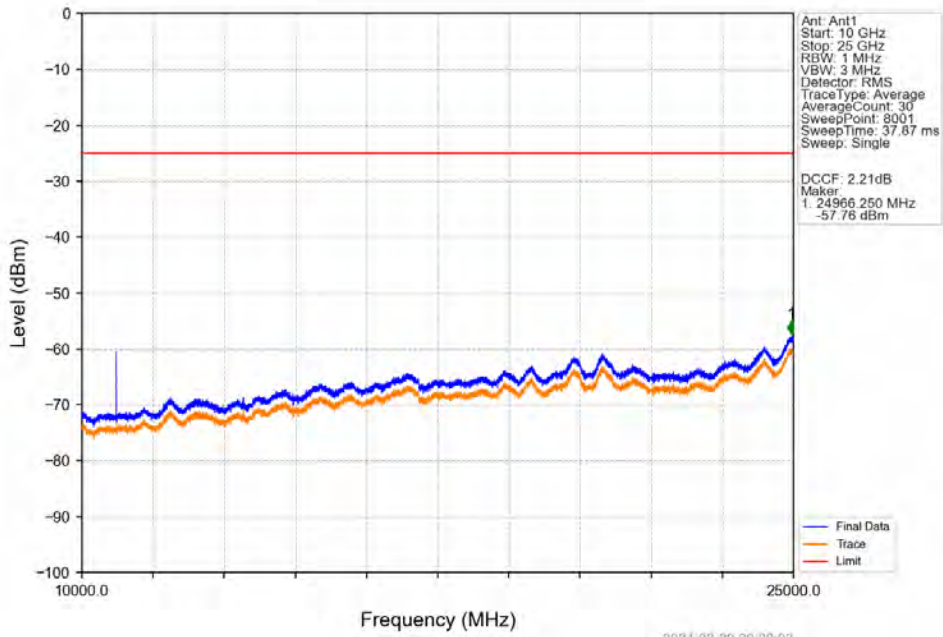
2024-08-29 20:19:00

Band41 10MHz 16QAM HCH 2685MHz RB 1 0 NTNV



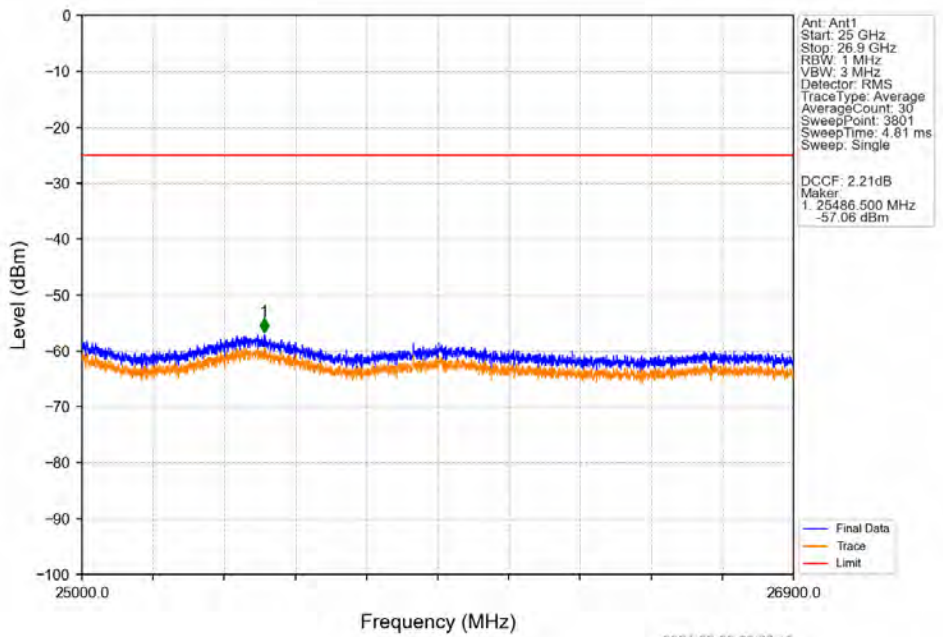
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Band41 10MHz 16QAM HCH 2685MHz RB 1 0 NTV



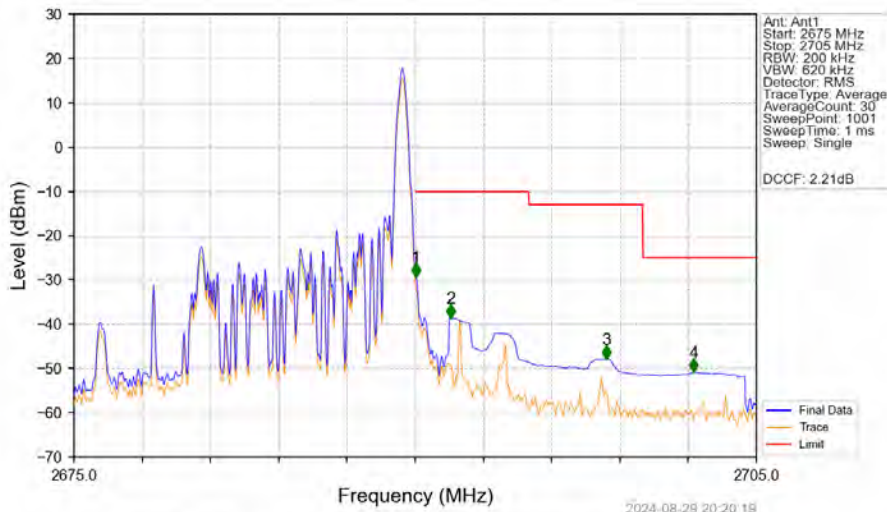
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Band41 10MHz 16QAM HCH 2685MHz RB 1 0 NTV



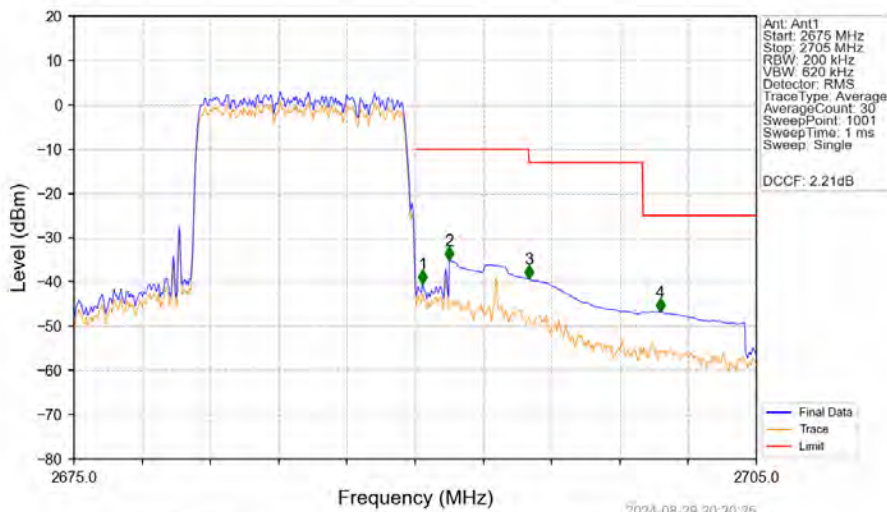
2024-08-29 20:20:12

Band41 10MHz 16QAM HCH 2685MHz RB 1 49 NTNV



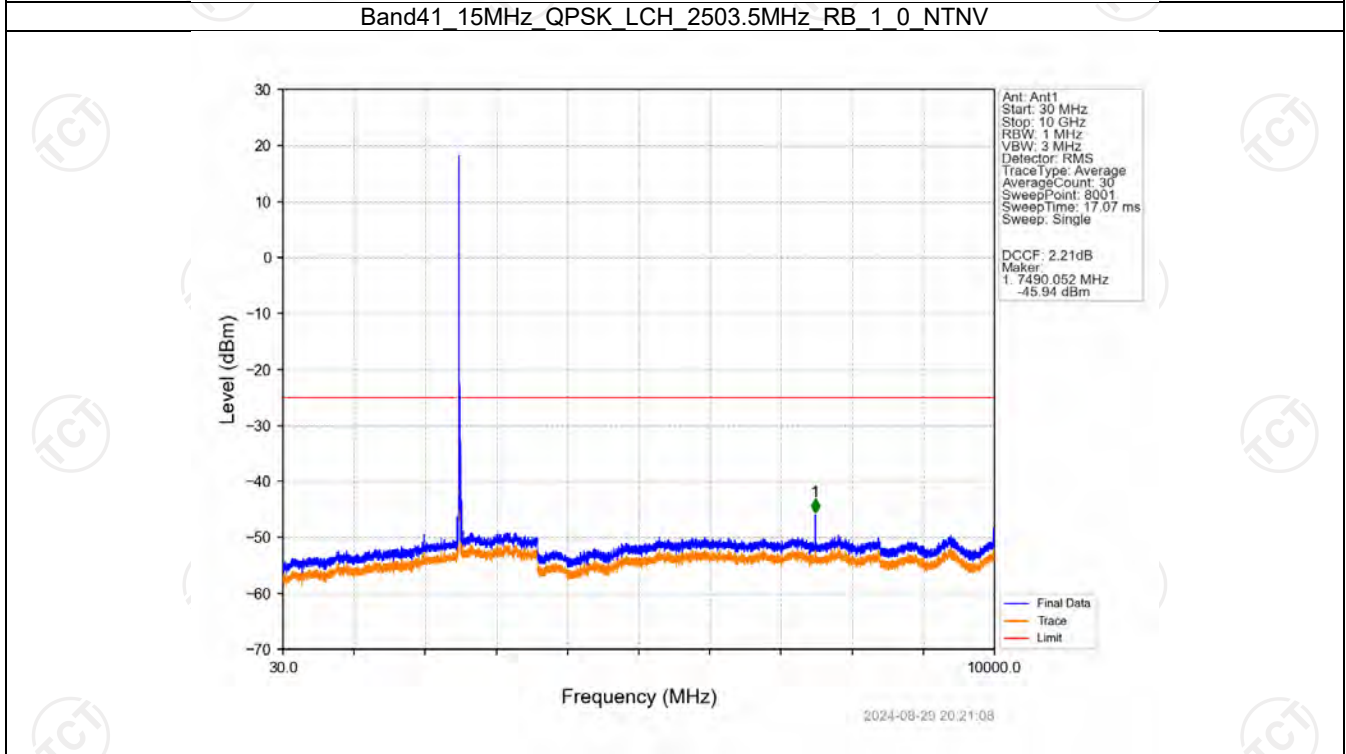
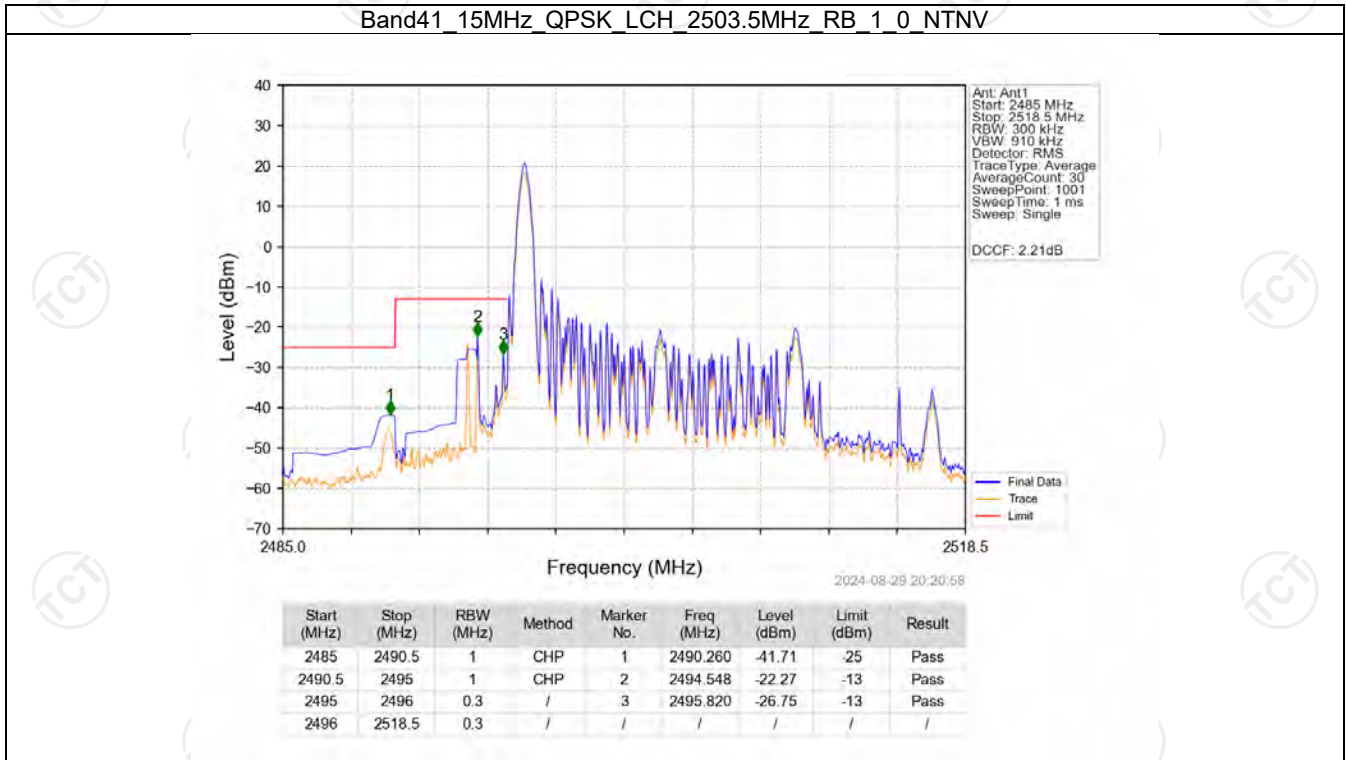
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	/	/	/	/	/	/
2690	2691	0.2	/	1	2690.030	-29.37	-10	Pass
2691	2695	1	CHP	2	2691.560	-38.60	-10	Pass
2695	2700	1	CHP	3	2698.400	-47.82	-13	Pass
2700	2705	1	CHP	4	2702.240	-50.85	-25	Pass

Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV

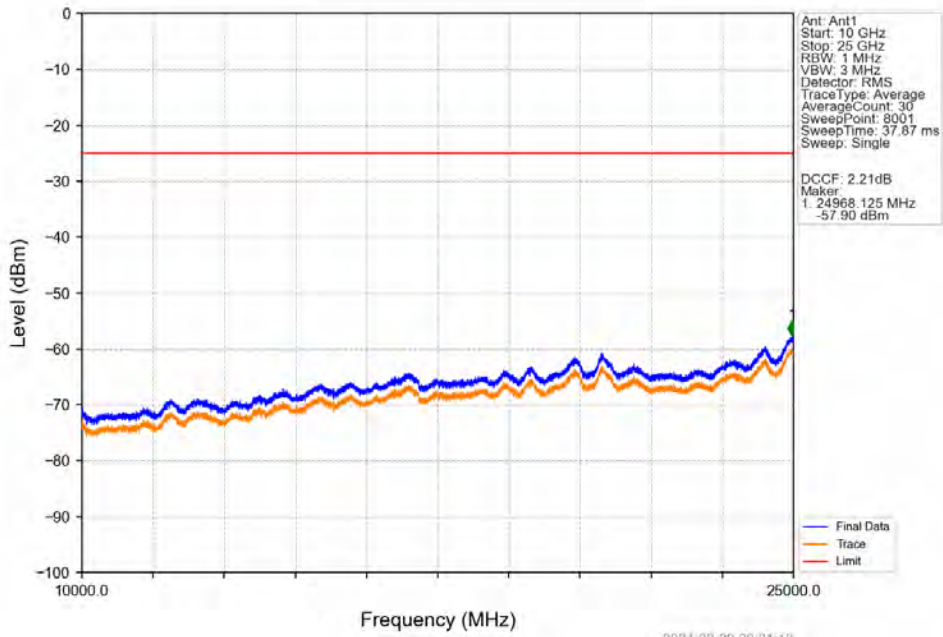


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	/	/	/	/	/	/
2690	2691	0.2	/	1	2690.330	-40.38	-10	Pass
2691	2695	1	CHP	2	2691.500	-35.15	-10	Pass
2695	2700	1	CHP	3	2695.010	-39.34	-13	Pass
2700	2705	1	CHP	4	2700.770	-46.71	-25	Pass

6.2.3 B41_15MHz

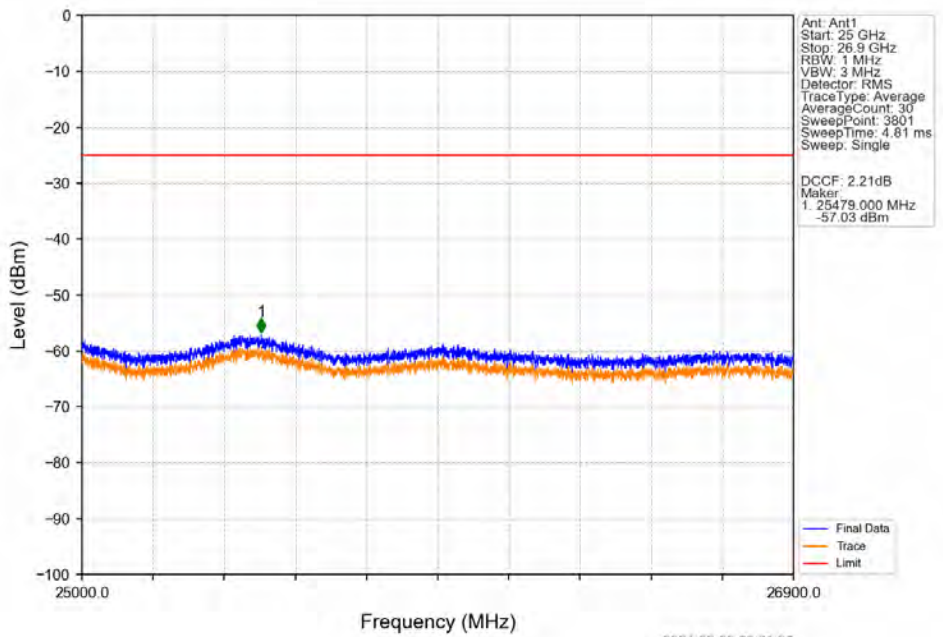


Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTV



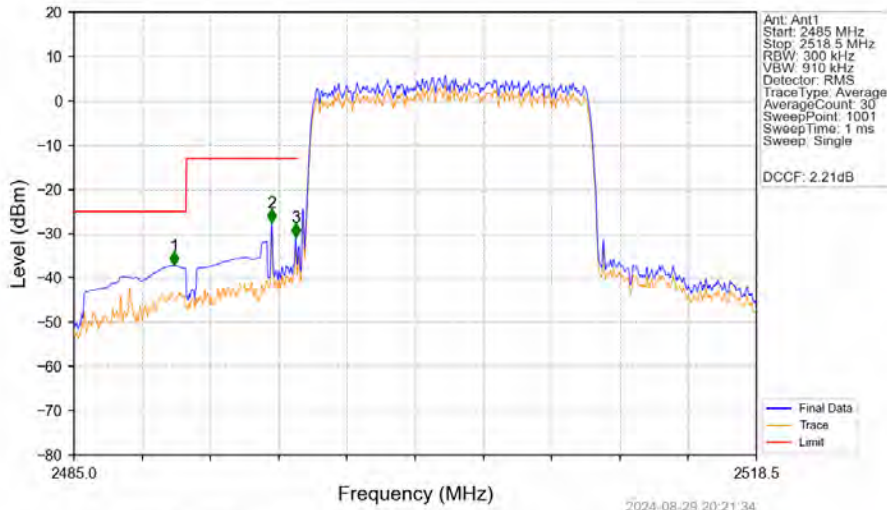
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Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTV



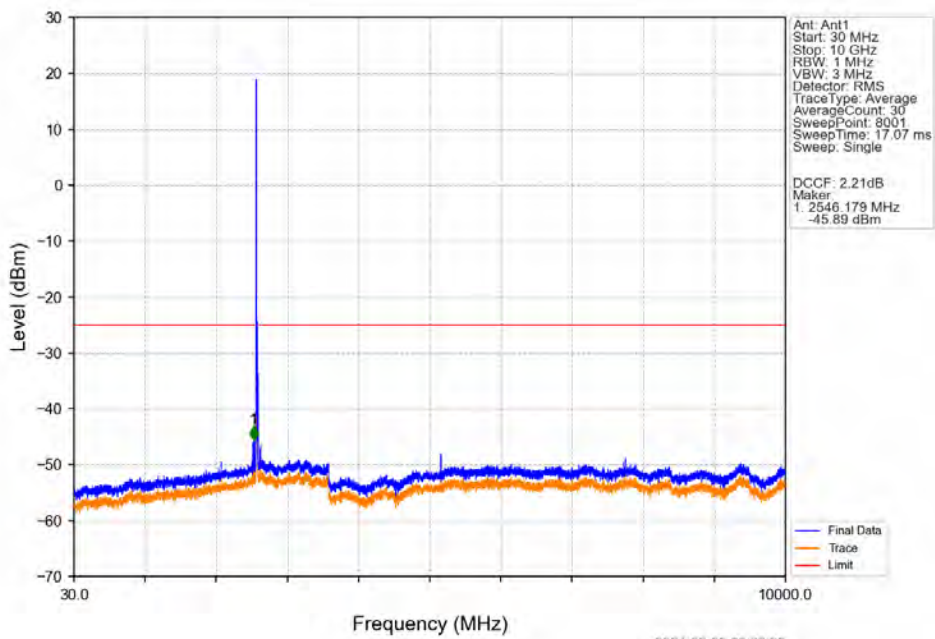
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Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV

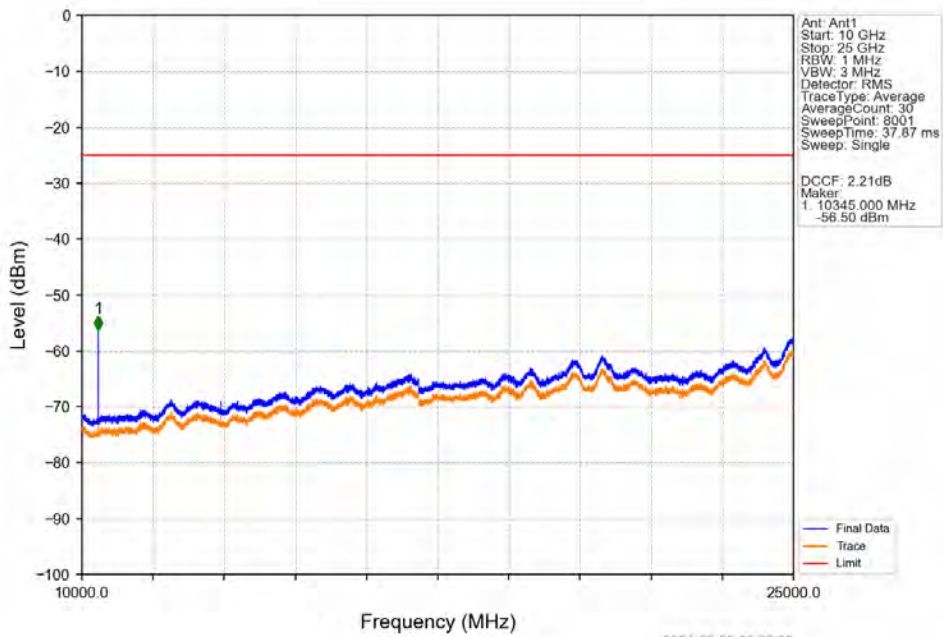


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.925	-37.22	-25	Pass
2490.5	2495	1	CHP	2	2494.715	-27.55	-13	Pass
2495	2496	0.3	/	3	2495.887	-30.73	-13	Pass
2496	2518.5	0.3	/	/	/	/	/	/

Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV

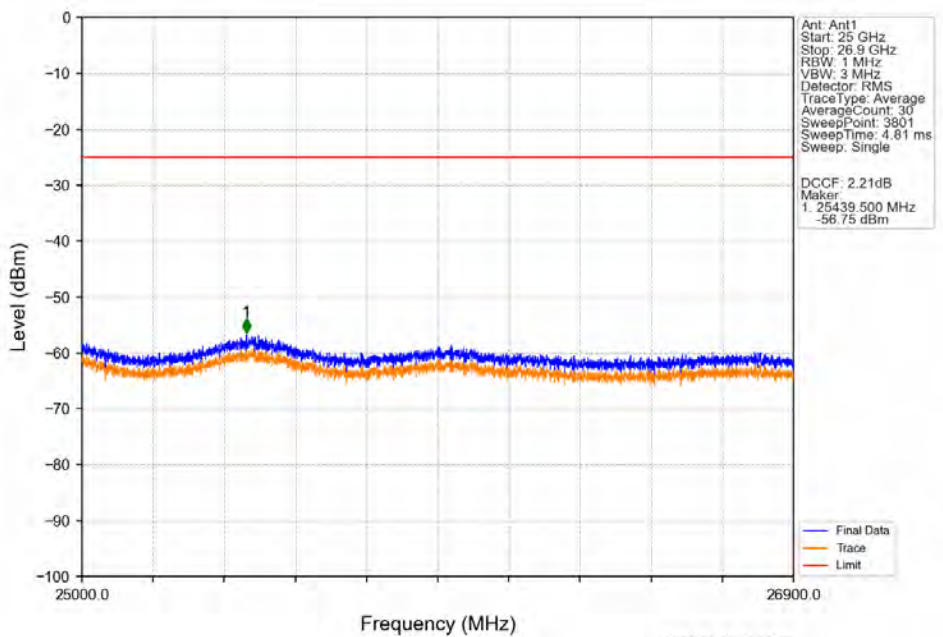


Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTV



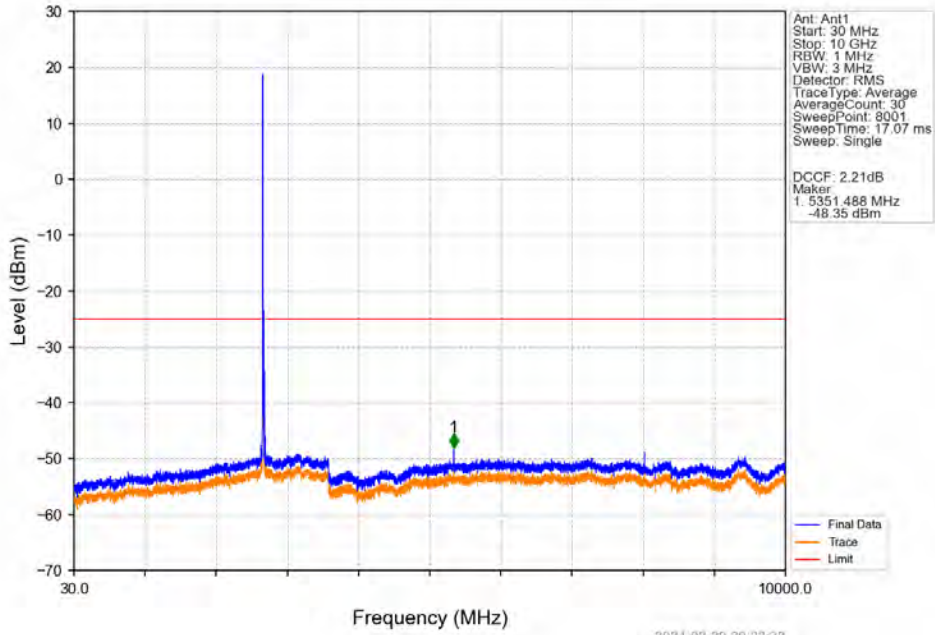
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Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTV

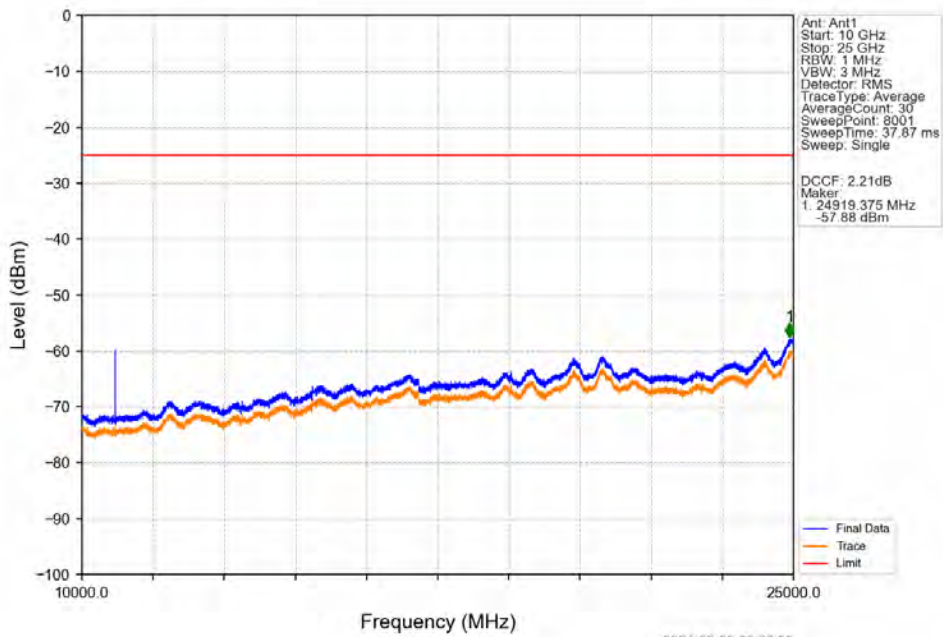


2024-08-29 20:22:47

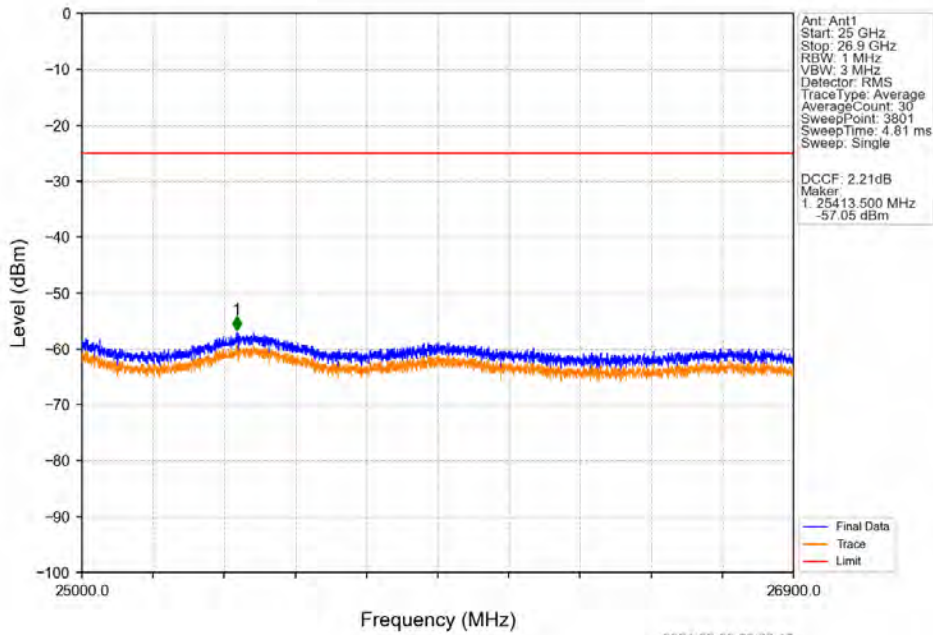
Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTV



Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTV

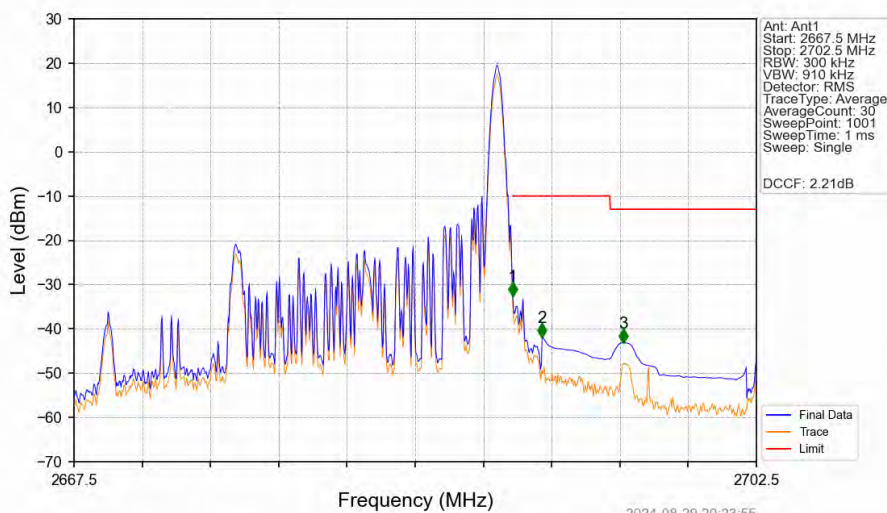


Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTV



2024-08-29 20:23:47

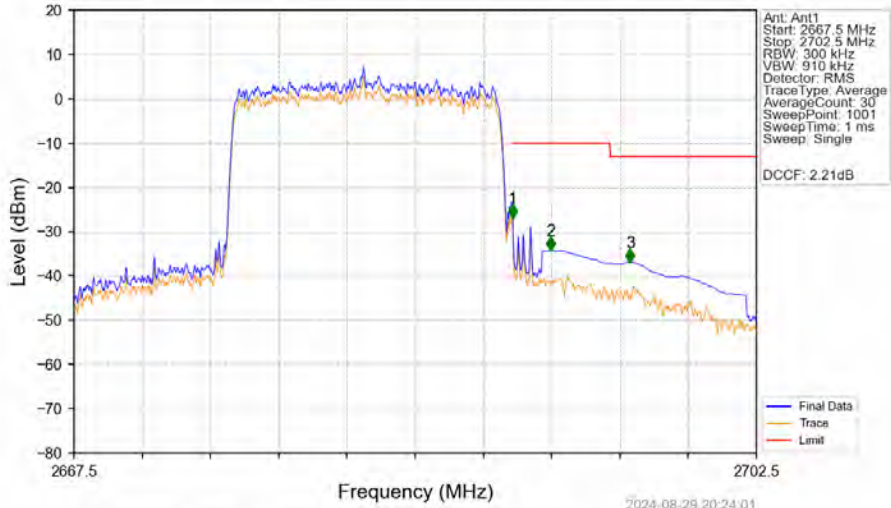
Band41 15MHz QPSK HCH 2682.5MHz RB 1 74 NTV



2024-08-29 20:23:55

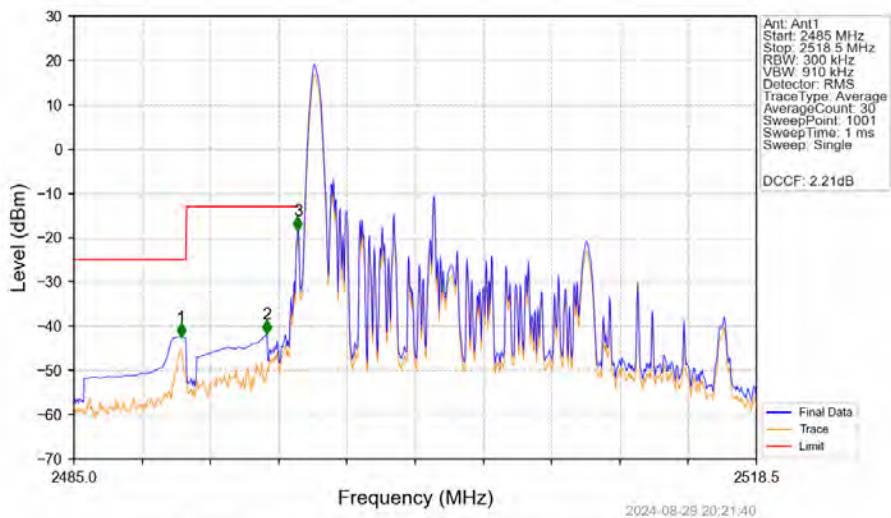
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	/	/	/	/	/	/
2690	2691	0.3	/	1	2690.005	-32.67	-10	Pass
2691	2695	1	CHP	2	2691.510	-41.83	-10	Pass
2695	2702.5	1	CHP	3	2695.675	-43.13	-13	Pass

Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTN



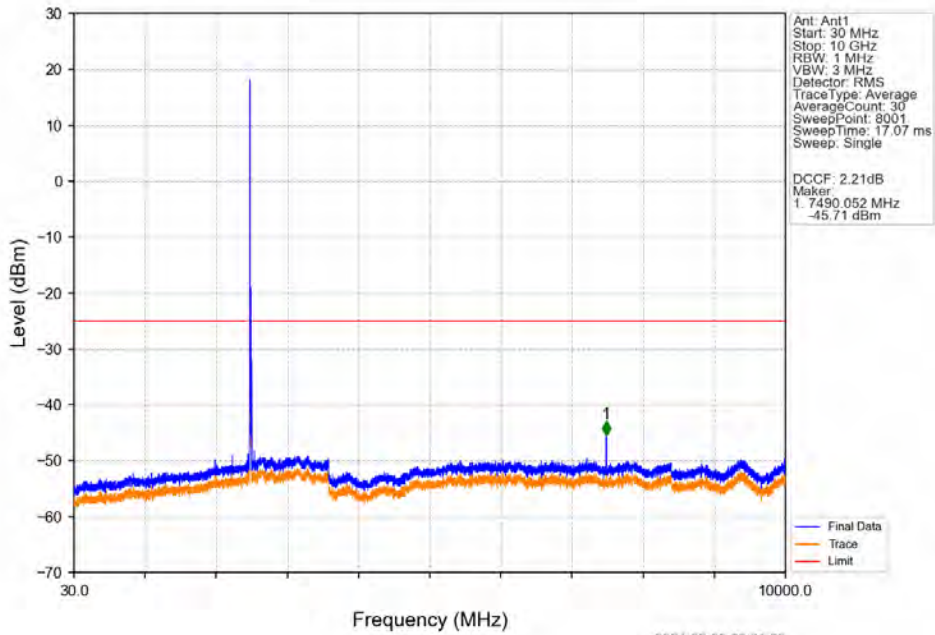
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	/	/	/	/	/	/
2690	2691	0.3	/	1	2690.005	-26.92	-10	Pass
2691	2695	1	CHP	2	2691.965	-34.21	-10	Pass
2695	2702.5	1	CHP	3	2696.025	-36.95	-13	Pass

Band41 15MHz 16QAM LCH 2503.5MHz RB 1 0 NTN

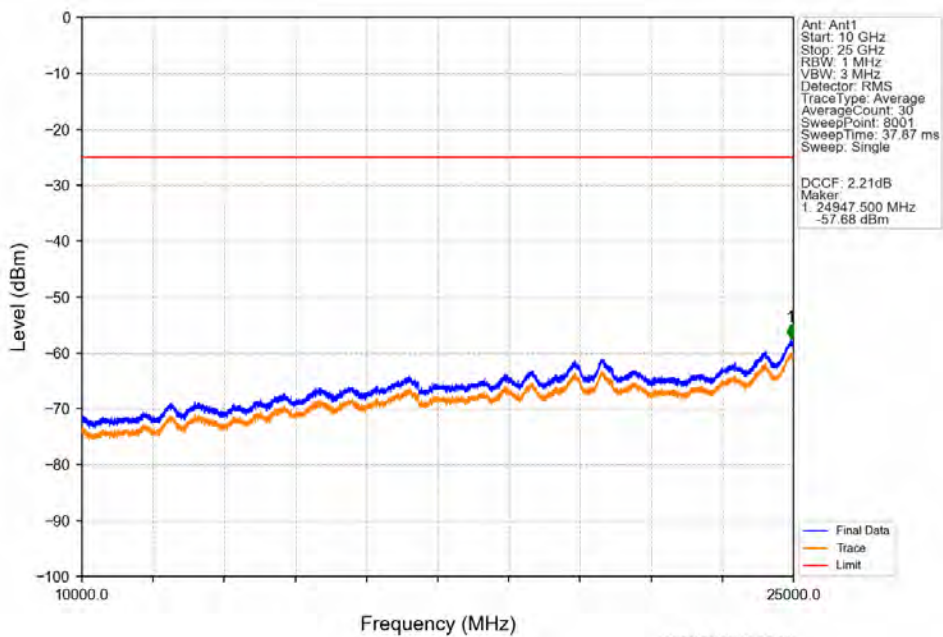


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.260	-42.40	-25	Pass
2490.5	2495	1	CHP	2	2494.481	-41.79	-13	Pass
2495	2496	0.3	/	3	2495.988	-18.43	-13	Pass
2496	2518.5	0.3	/	/	/	/	/	/

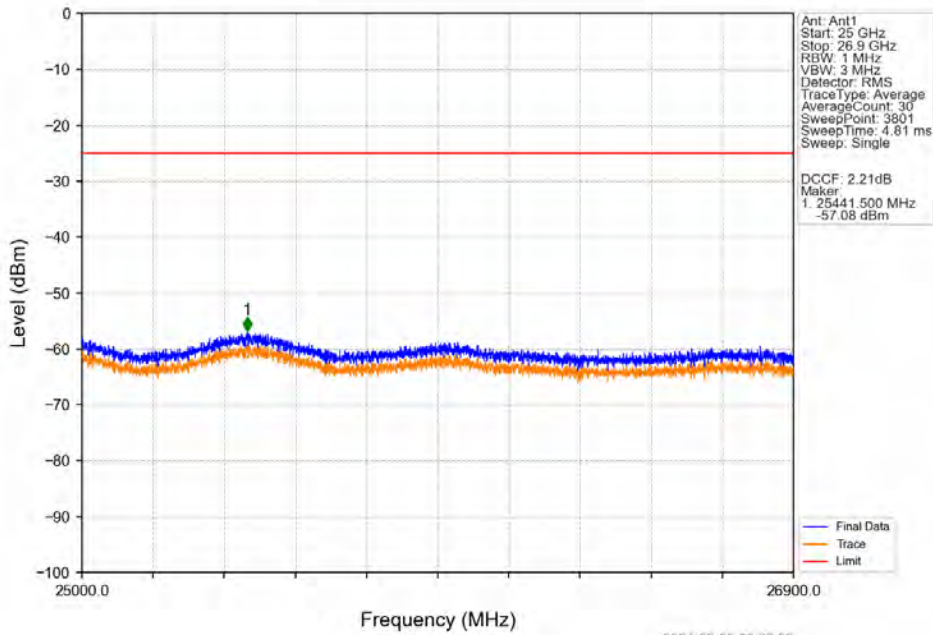
Band41 15MHz 16QAM LCH 2503.5MHz RB 1 0 NTN



Band41 15MHz 16QAM LCH 2503.5MHz RB 1 0 NTN

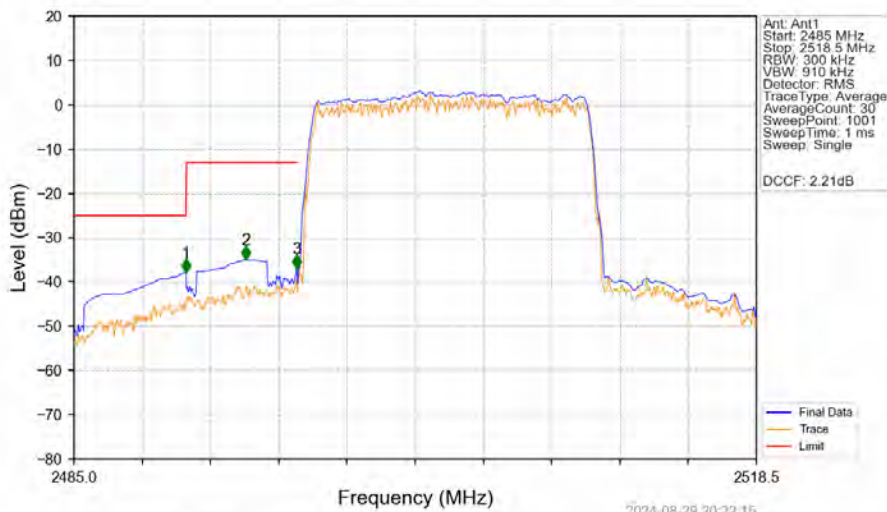


Band41 15MHz 16QAM LCH 2503.5MHz RB 1 0 NTN



2024-08-29 20:22:09

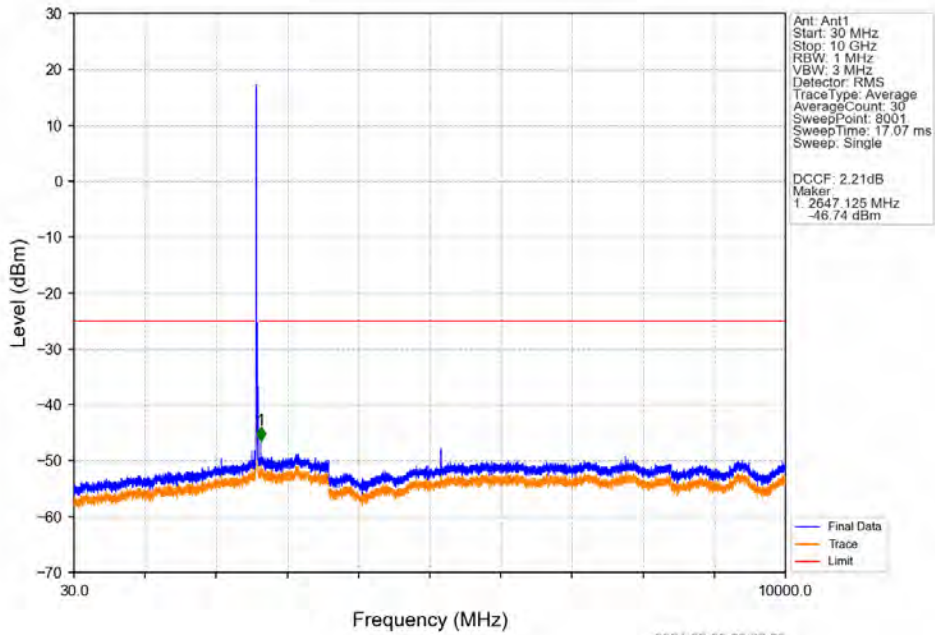
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTN



2024-08-29 20:22:15

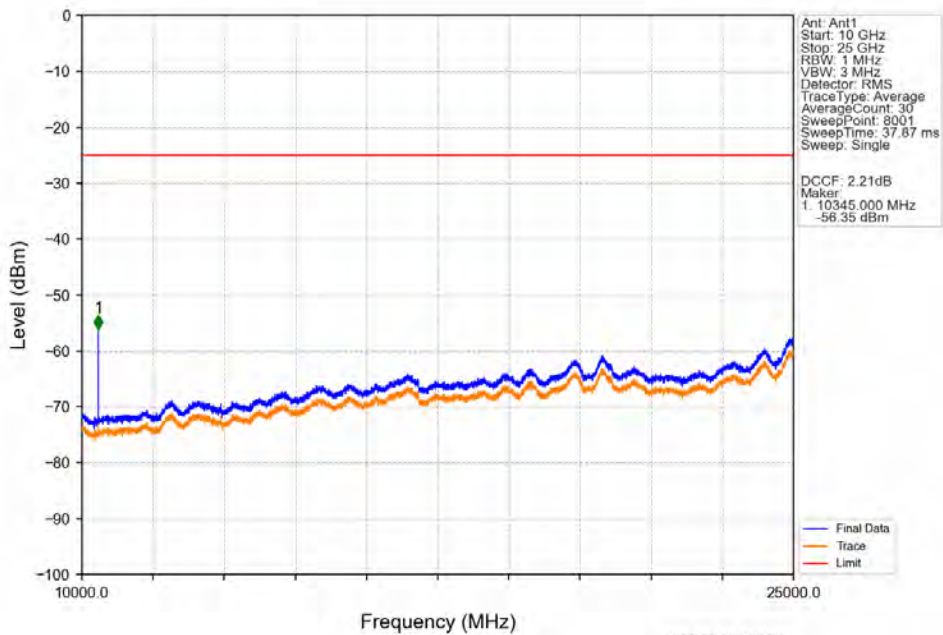
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.494	-37.81	-25	Pass
2490.5	2495	1	CHP	2	2493.442	-34.95	-13	Pass
2495	2496	0.3	/	3	2495.921	-36.96	-13	Pass
2496	2518.5	0.329	CHP	/	/	/	/	/

Band41 15MHz 16QAM MCH 2593MHz RB 1 0 NTV



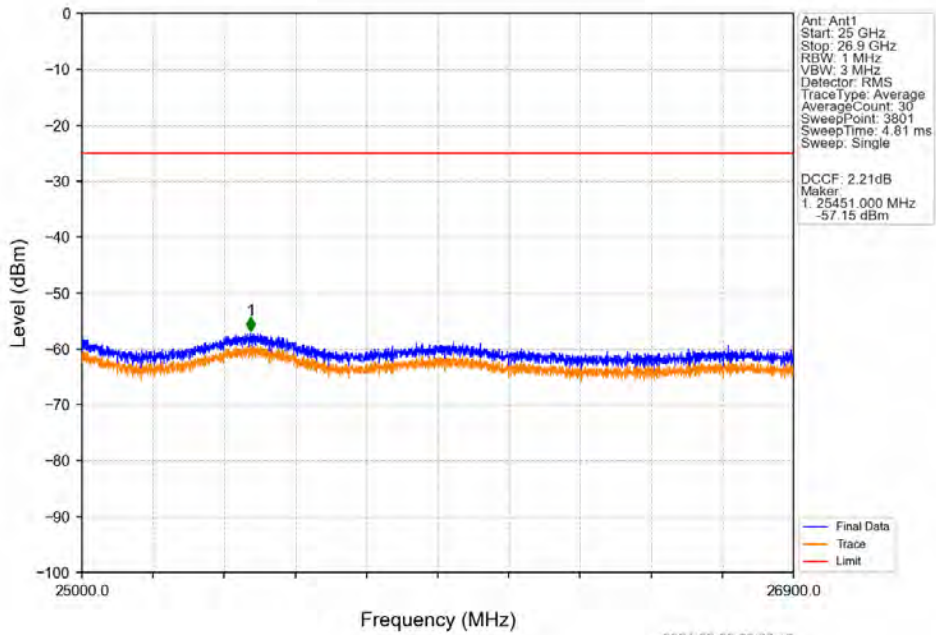
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Band41 15MHz 16QAM MCH 2593MHz RB 1 0 NTV

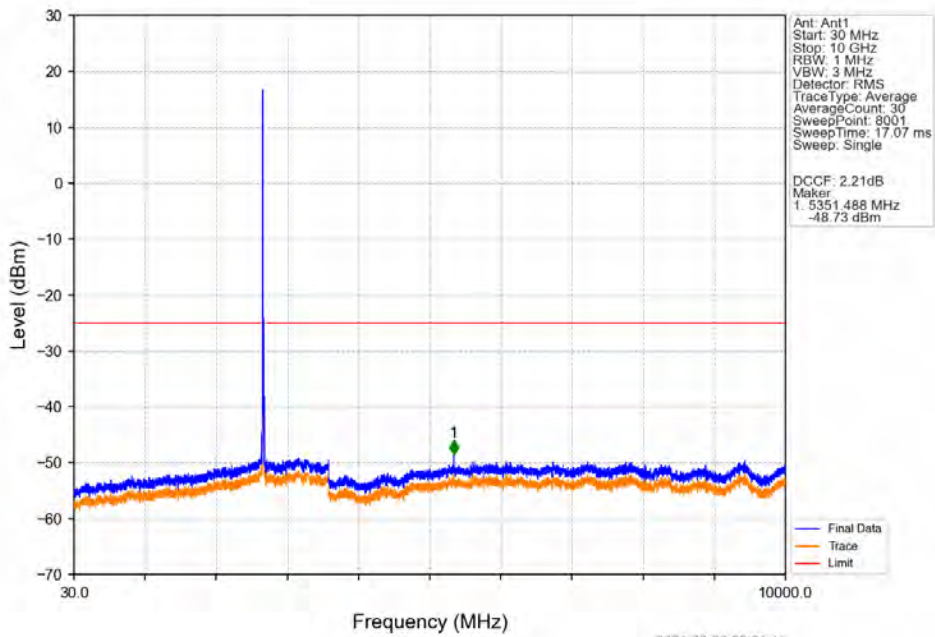


2024-08-29 20:23:07

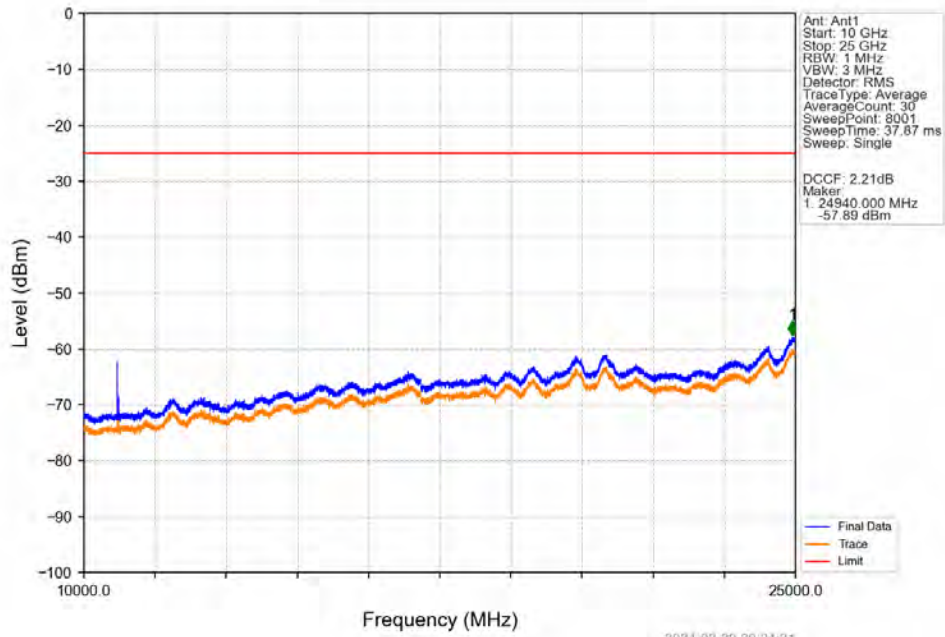
Band41 15MHz 16QAM MCH 2593MHz RB 1 0 NTV



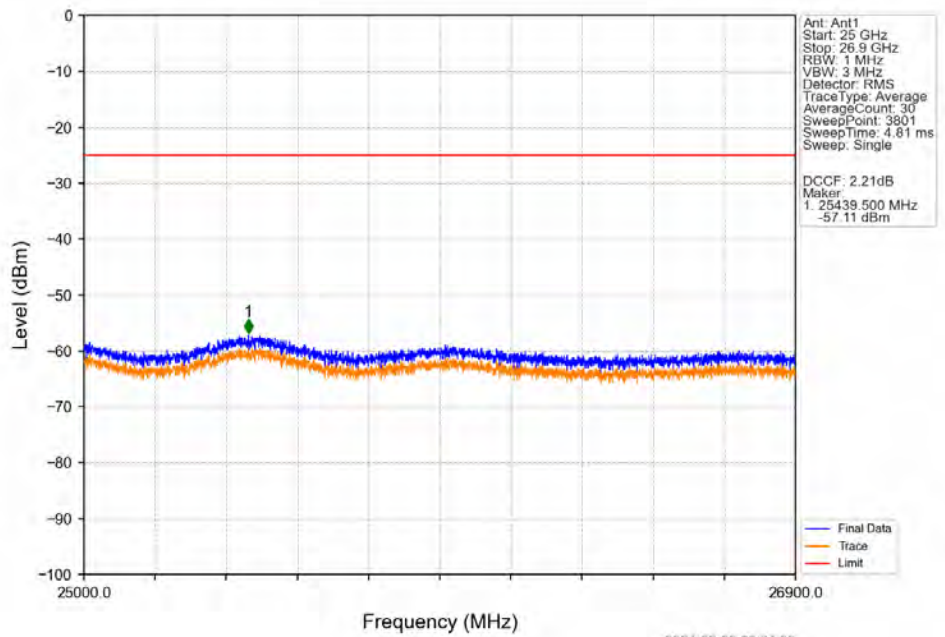
Band41 15MHz 16QAM HCH 2682.5MHz RB 1 0 NTV



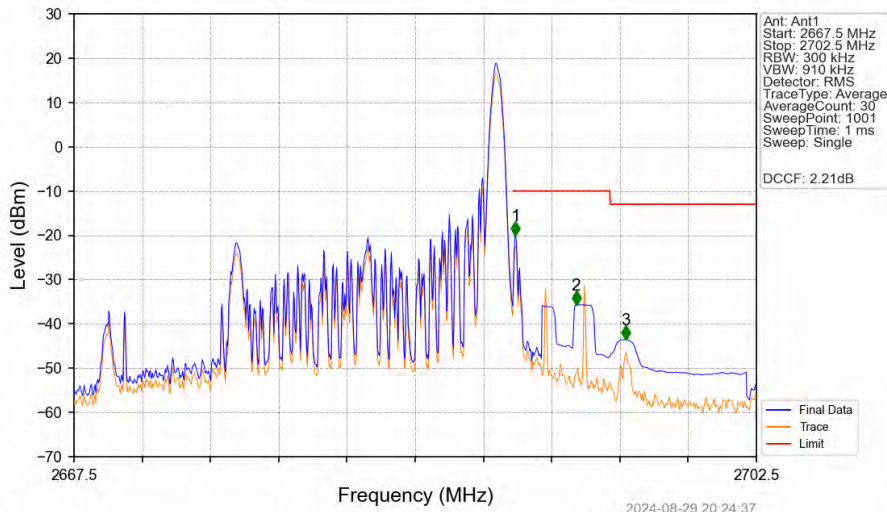
Band41 15MHz 16QAM HCH 2682.5MHz RB 1 0 NTN



Band41 15MHz 16QAM HCH 2682.5MHz RB 1 0 NTN

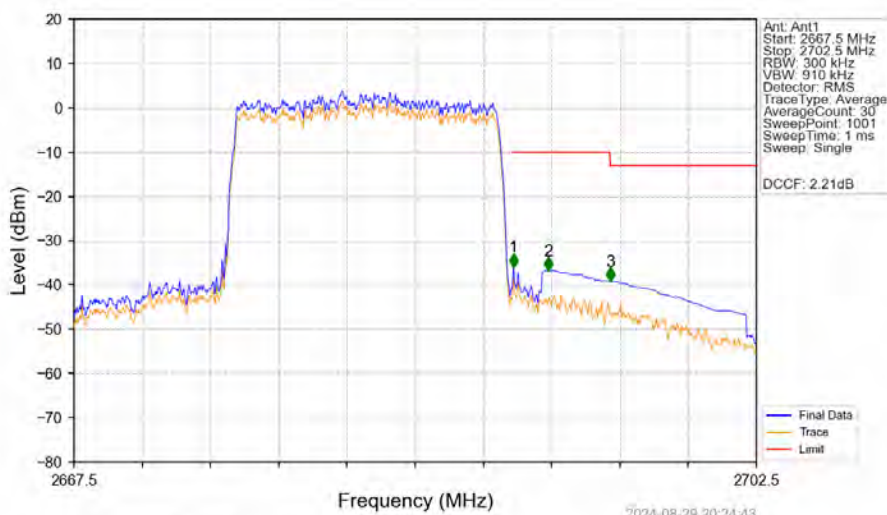


Band41 15MHz 16QAM HCH 2682.5MHz RB 1 74 NTN



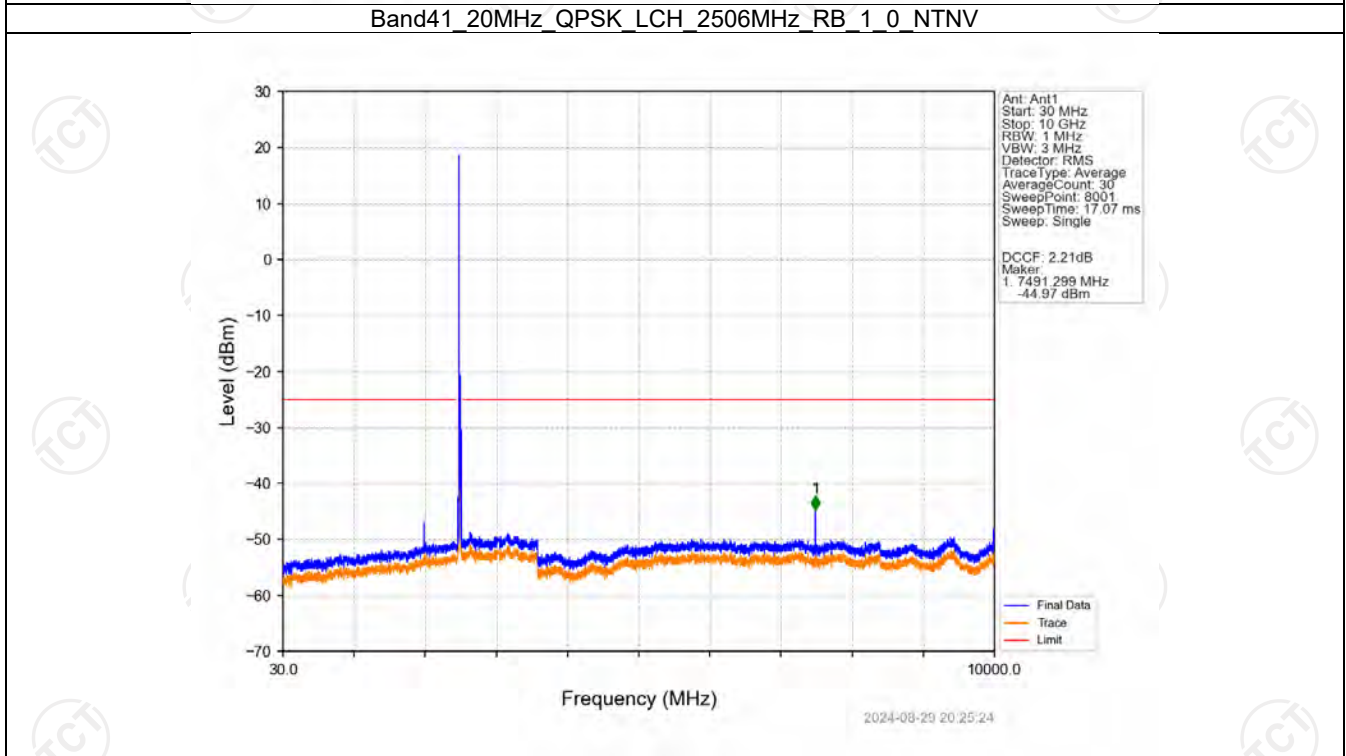
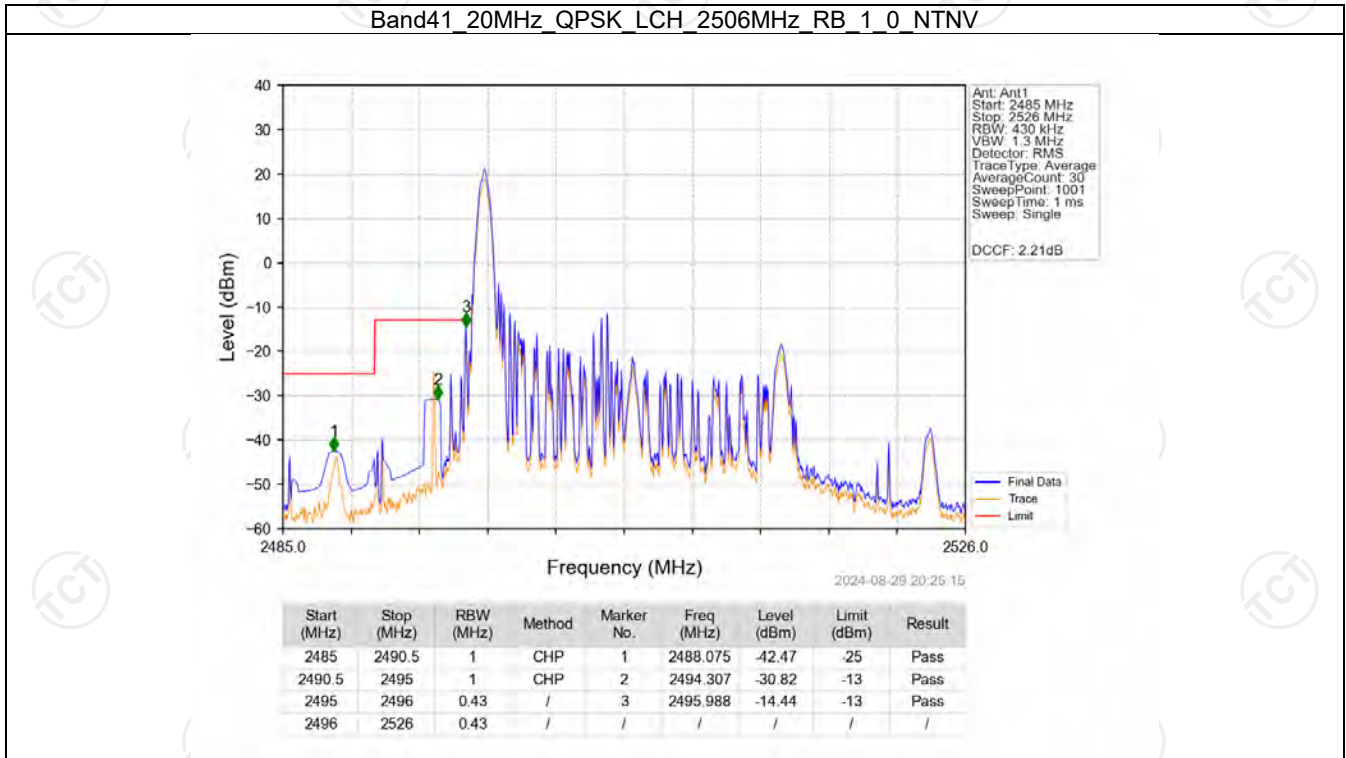
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	/	/	/	/	/	/
2690	2691	0.3	/	1	2690.145	-20.03	-10	Pass
2691	2695	1	CHP	2	2693.260	-35.71	-10	Pass
2695	2702.5	1	CHP	3	2695.780	-43.57	-13	Pass

Band41 15MHz 16QAM HCH 2682.5MHz RB 75 0 NTN

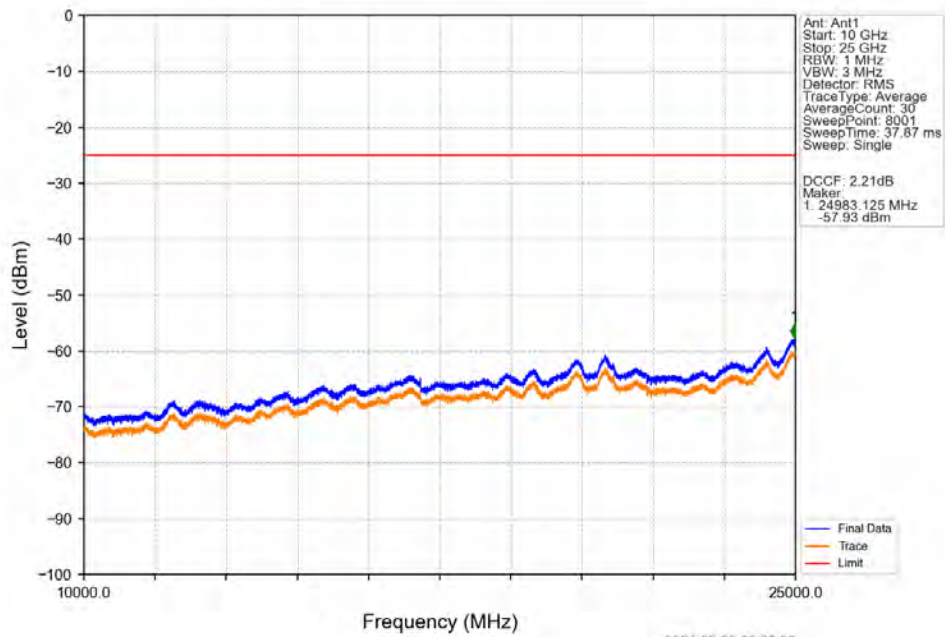


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	/	/	/	/	/	/
2690	2691	0.3	/	1	2690.040	-35.96	-10	Pass
2691	2695	1	CHP	2	2691.825	-36.76	-10	Pass
2695	2702.5	1	CHP	3	2695.010	-39.11	-13	Pass

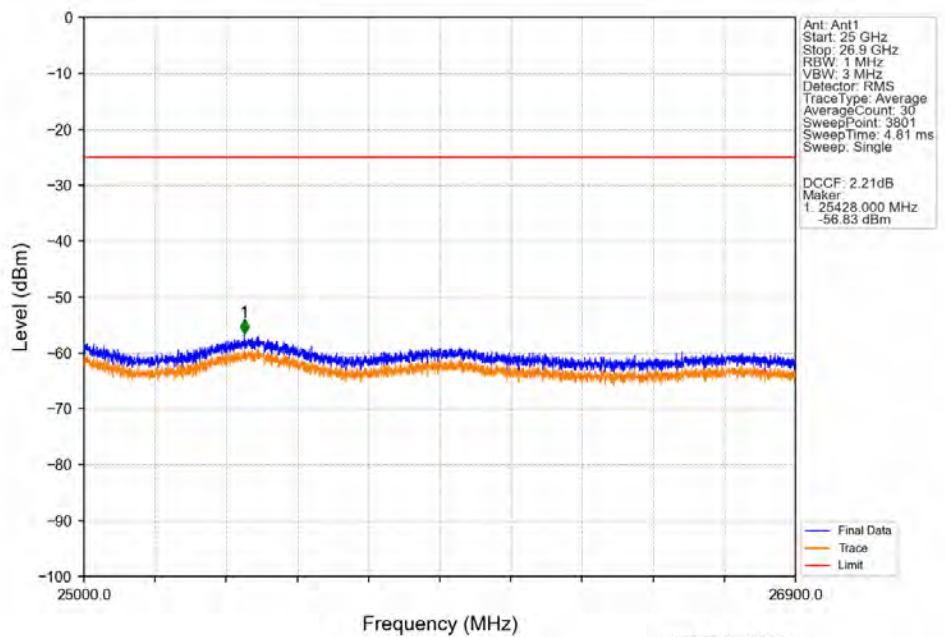
6.2.4 B41_20MHz



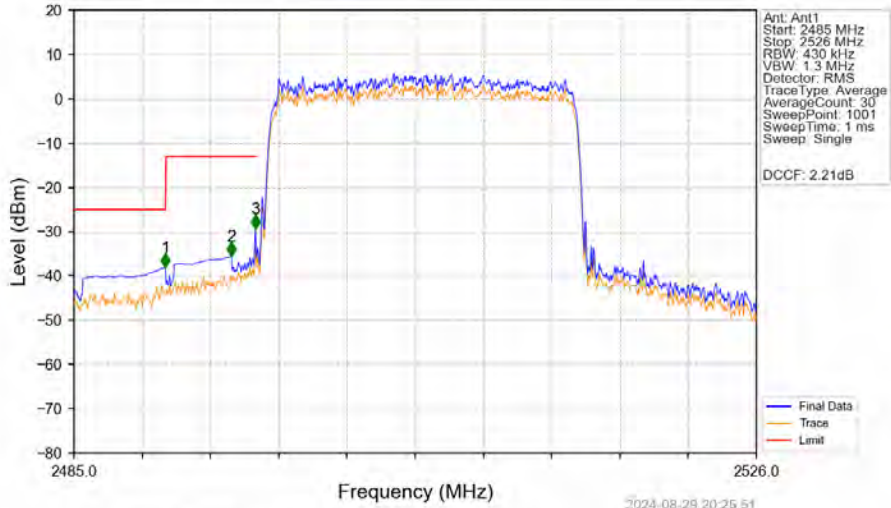
Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTV



Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTV

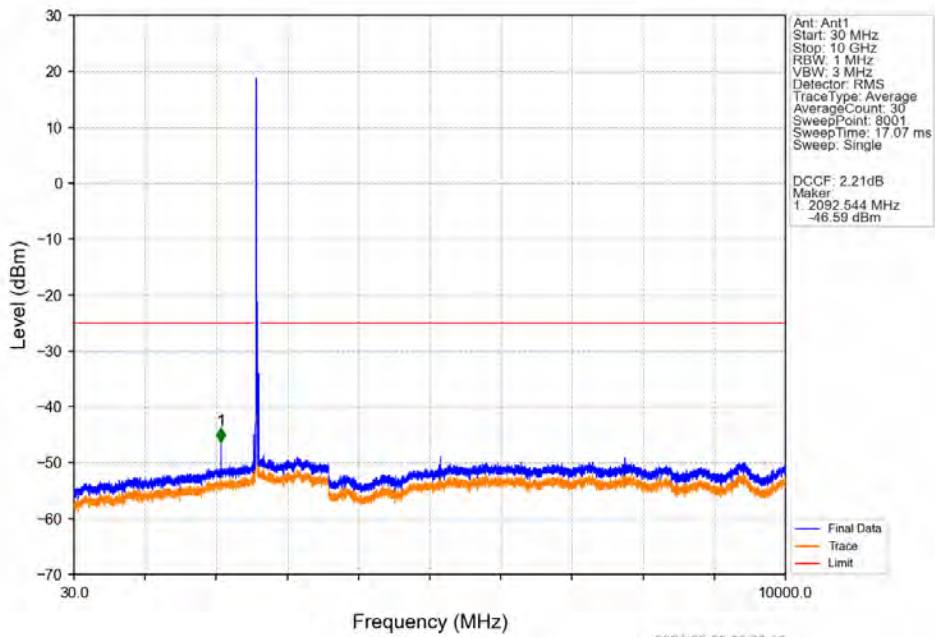


Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTVN

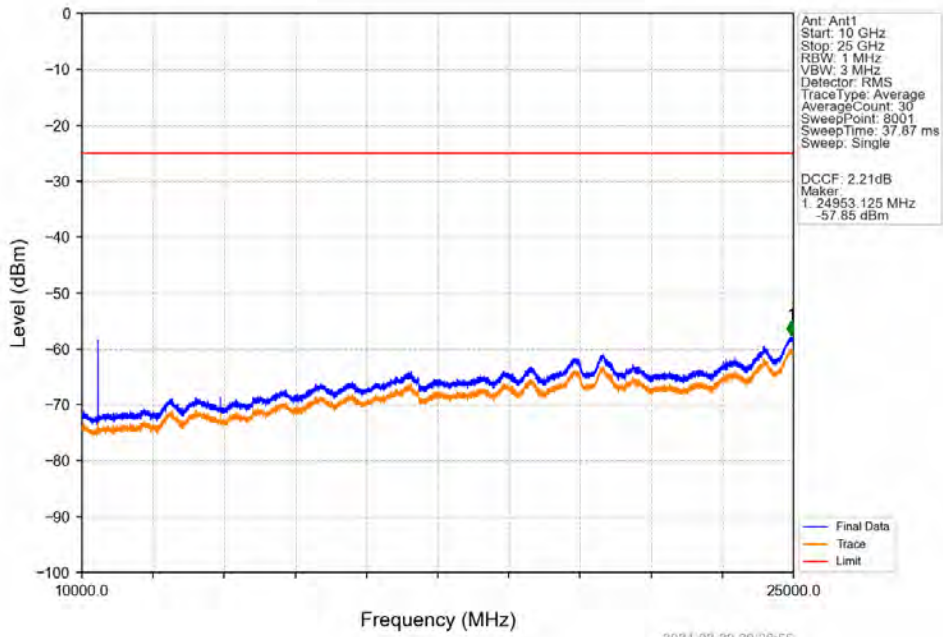


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.494	-38.09	25	Pass
2490.5	2495	1	CHP	2	2494.471	-35.48	-13	Pass
2495	2496	0.43	/	3	2495.906	-29.34	-13	Pass
2496	2526	0.43	/	/	/	/	/	/

Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTVN

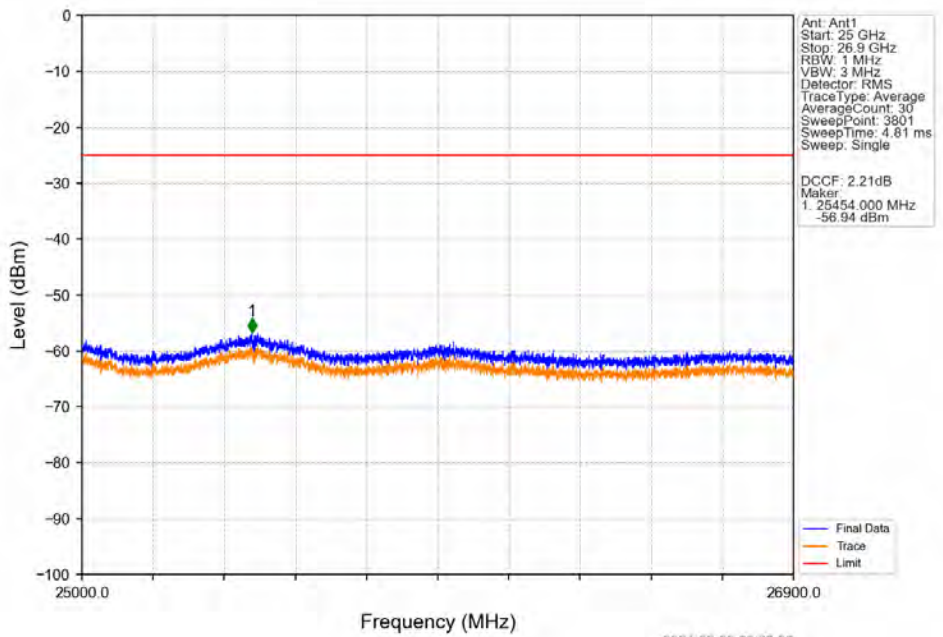


Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTV



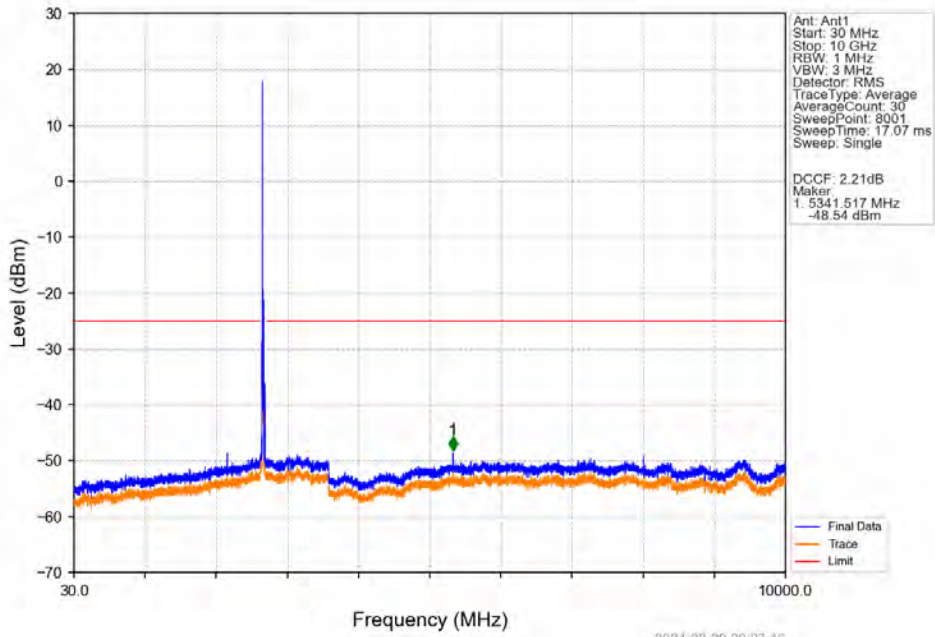
2024-08-29 20:28:55

Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTV

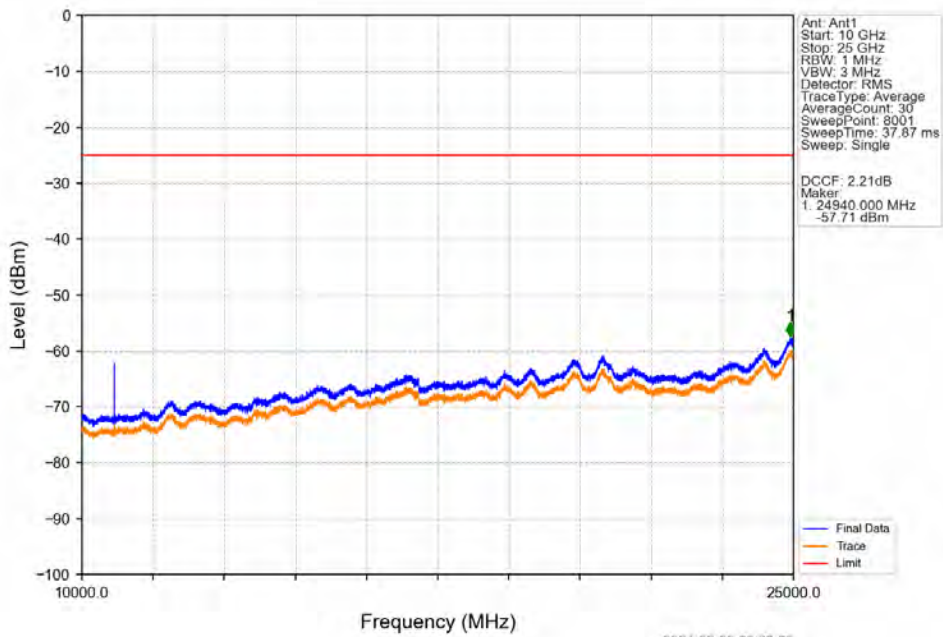


2024-08-29 20:27:05

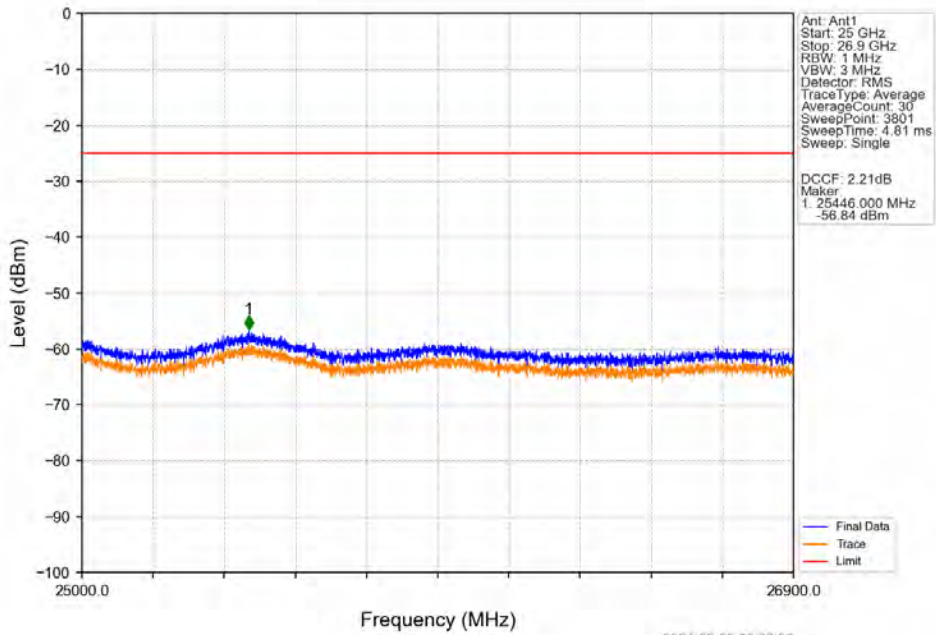
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTV



Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTV

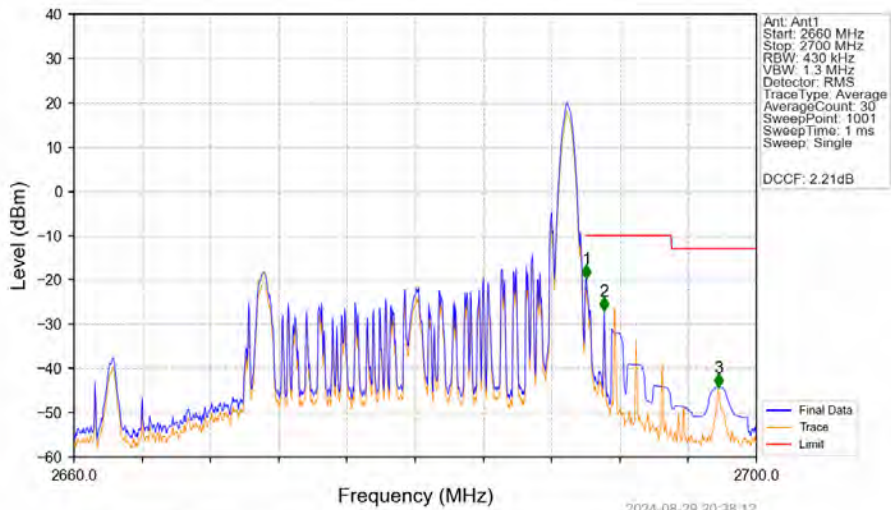


Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTV



2024-08-29 20:28:05

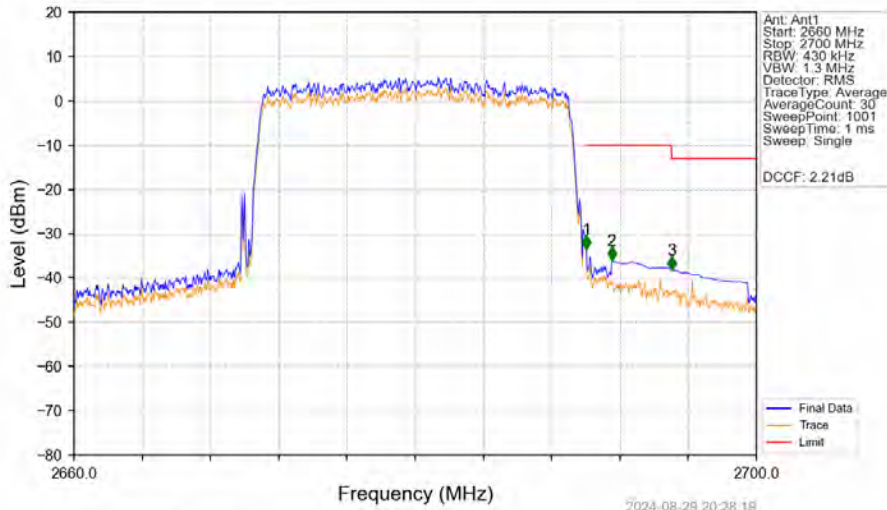
Band41 20MHz QPSK HCH 2680MHz RB 1 99 NTV



2024-08-29 20:28:12

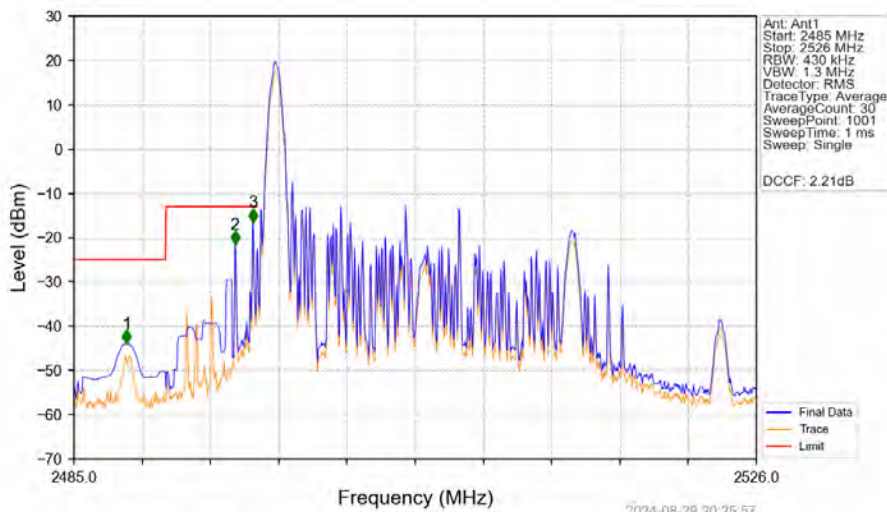
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	/	/	/	/	/
2690	2691	0.43	/	1	2690.040	-19.70	-10	Pass
2691	2695	1	CHP	2	2691.080	-27.06	-10	Pass
2695	2700	1	CHP	3	2697.760	-44.21	-13	Pass

Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



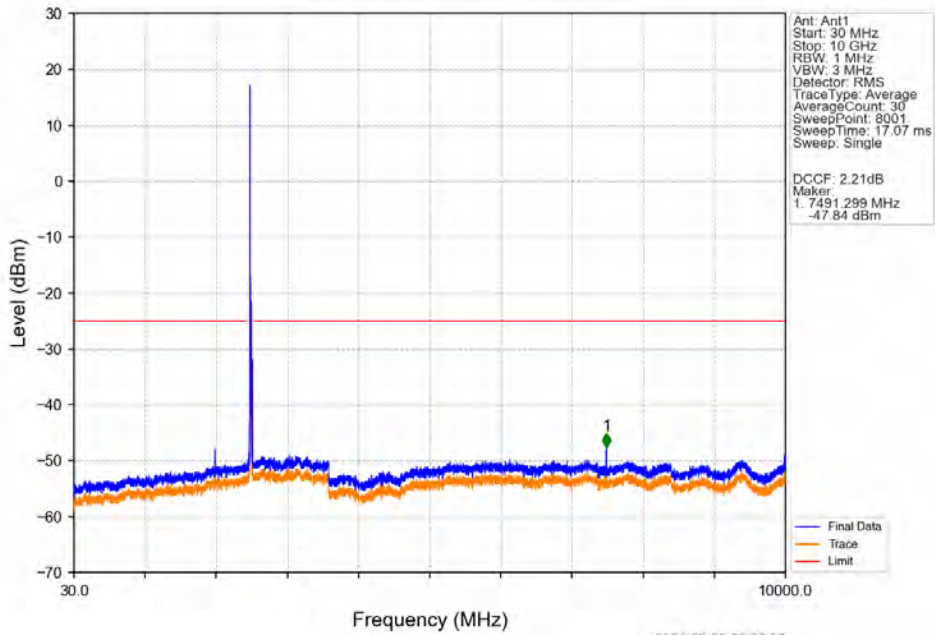
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	/	/	/	/	/
2690	2691	0.43	/	1	2690.040	-33.53	-10	Pass
2691	2695	1	CHP	2	2691.520	-36.10	-10	Pass
2695	2700	1	CHP	3	2695.040	-38.19	-13	Pass

Band41 20MHz 16QAM LCH 2506MHz RB 1 0 NTNV

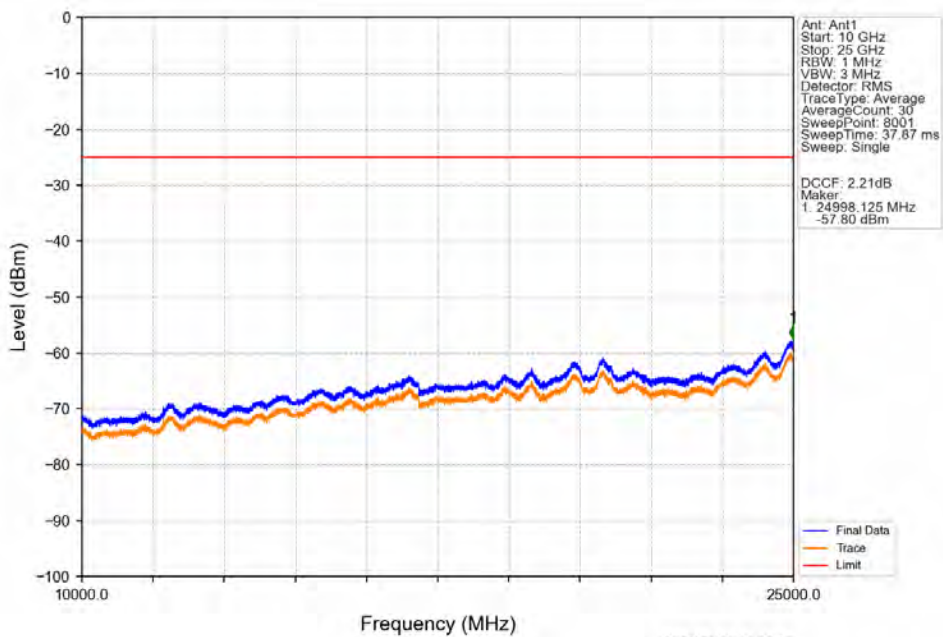


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.157	-43.97	-25	Pass
2490.5	2495	1	CHP	2	2494.676	-21.47	-13	Pass
2495	2496	0.43	/	3	2495.742	-16.49	-13	Pass
2496	2526	0.43	/	/	/	/	/	/

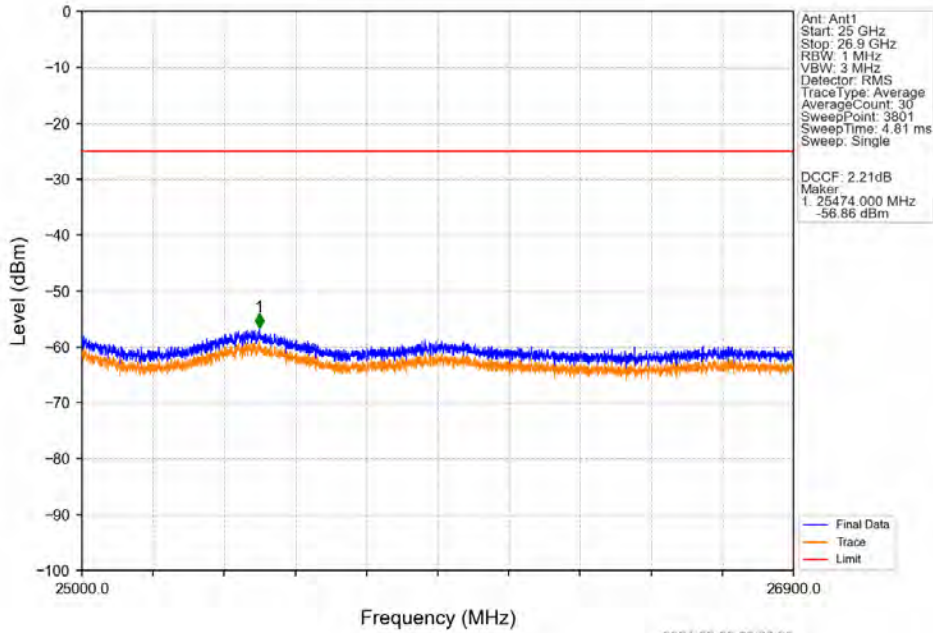
Band41 20MHz 16QAM LCH 2506MHz RB 1 0 NTV



Band41 20MHz 16QAM LCH 2506MHz RB 1 0 NTV

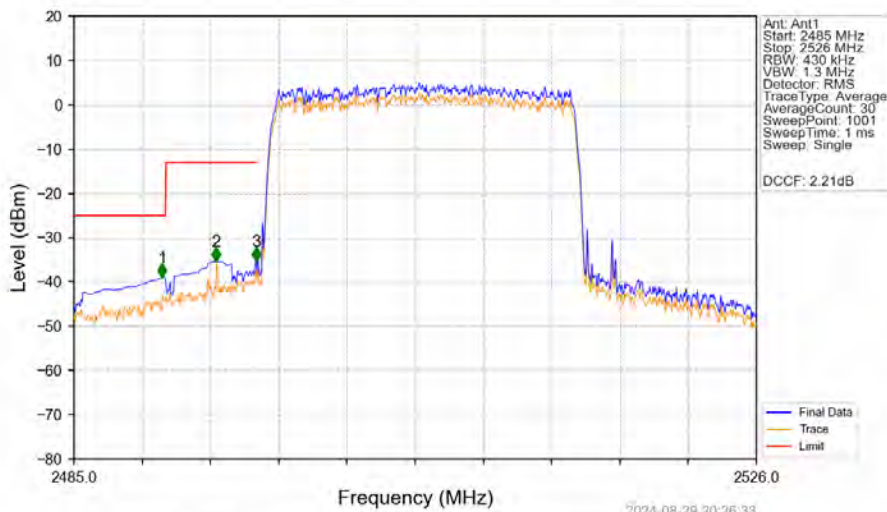


Band41 20MHz 16QAM LCH 2506MHz RB 1 0 NTV



2024-08-29 20:26:26

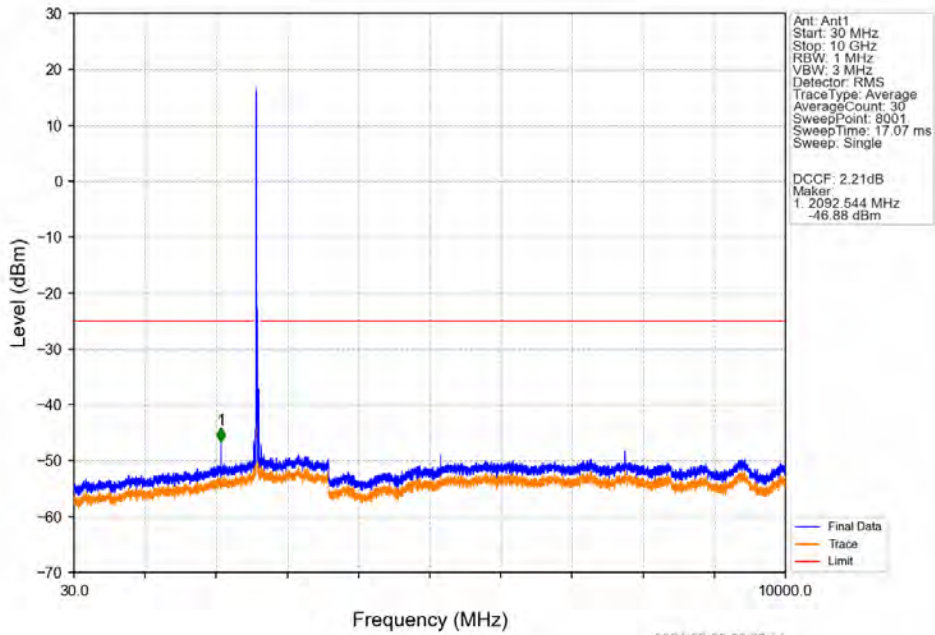
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTV



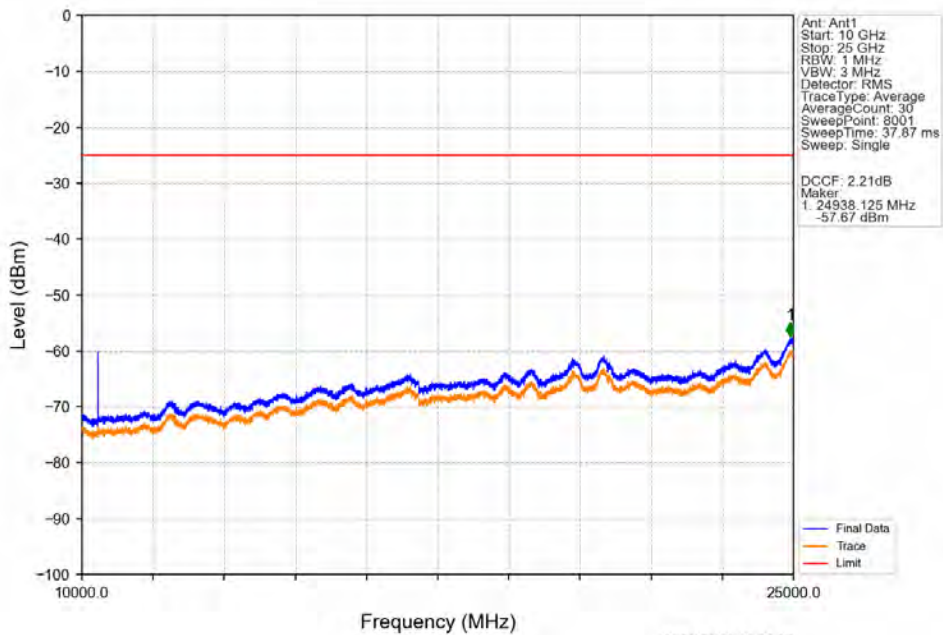
2024-08-29 20:26:33

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.289	-39.04	25	Pass
2490.5	2495	1	CHP	2	2493.528	-35.39	-13	Pass
2495	2496	0.43	/	3	2495.947	-35.35	-13	Pass
2496	2526	0.43	/	/	/	/	/	/

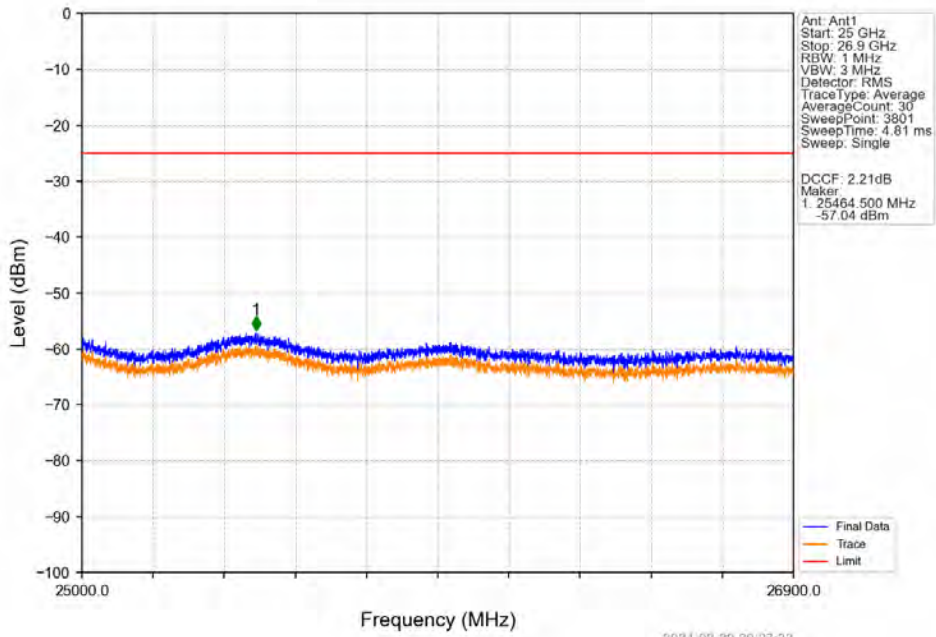
Band41 20MHz 16QAM MCH 2593MHz RB 1 0 NTV



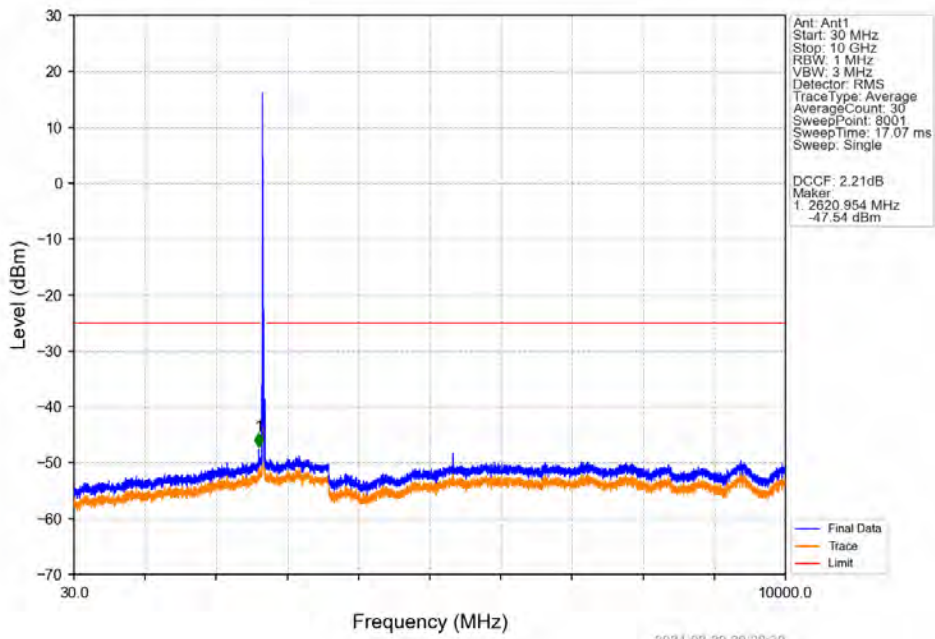
Band41 20MHz 16QAM MCH 2593MHz RB 1 0 NTV



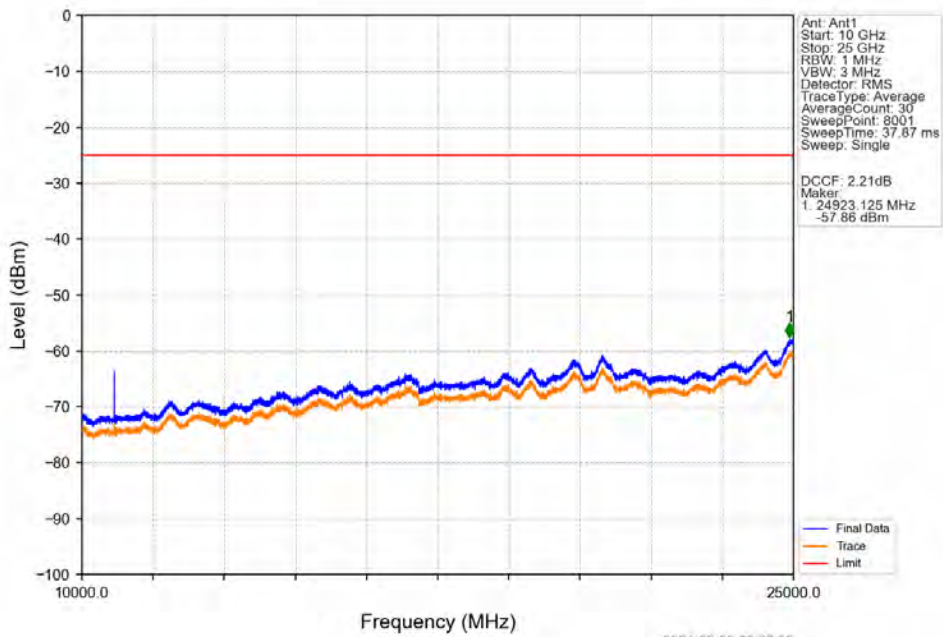
Band41 20MHz 16QAM MCH 2593MHz RB 1 0 NTV



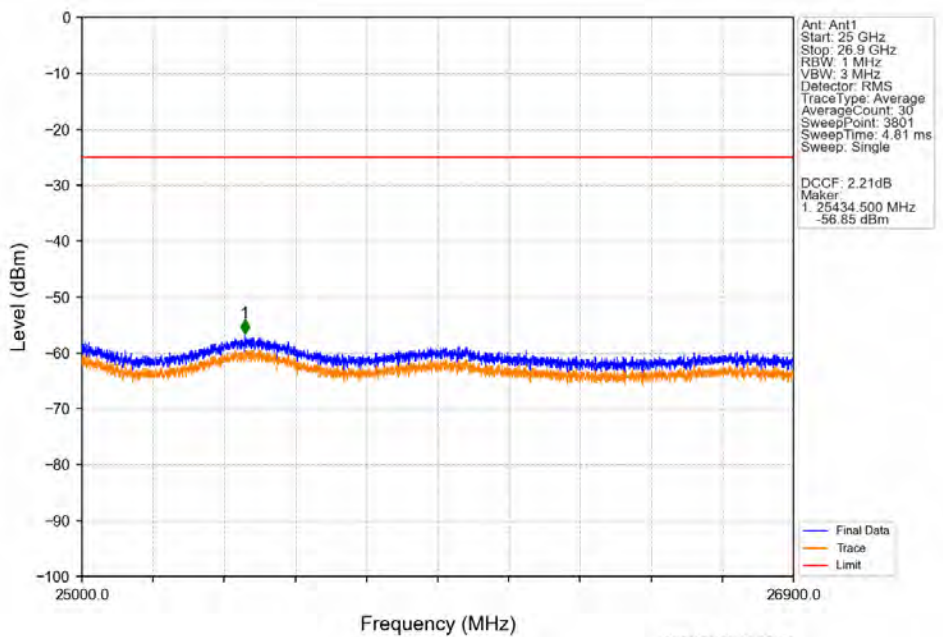
Band41 20MHz 16QAM HCH 2680MHz RB 1 0 NTV



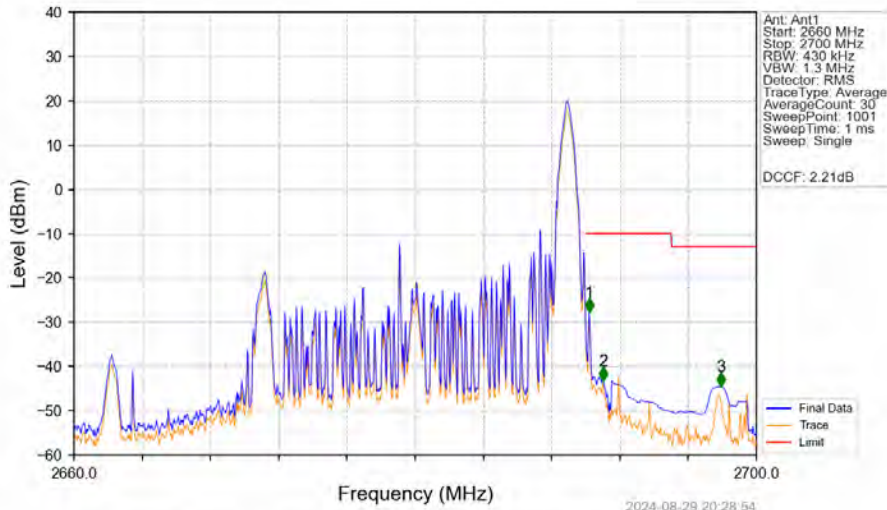
Band41 20MHz 16QAM HCH 2680MHz RB 1 0 NTV



Band41 20MHz 16QAM HCH 2680MHz RB 1 0 NTV

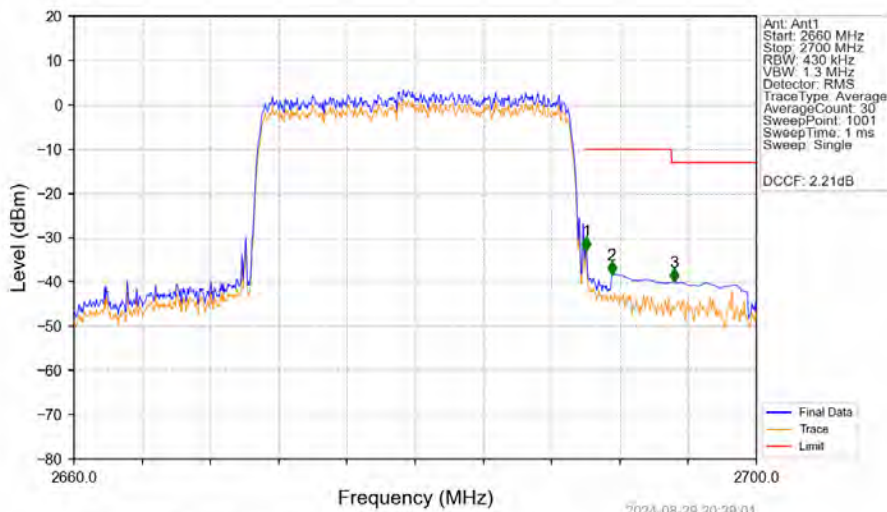


Band41 20MHz 16QAM HCH 2680MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	/	/	/	/	/
2690	2691	0.43	/	1	2690.200	-27.74	-10	Pass
2691	2695	1	CHP	2	2691.040	-43.16	-10	Pass
2695	2700	1	CHP	3	2697.920	-44.39	-13	Pass

Band41 20MHz 16QAM 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	2690.040	-32.90	-10	Pass
2691	2695	1	CHP	2	2691.520	-38.34	-10	Pass
2695	2700	1	CHP	3	2695.200	-40.02	-13	Pass

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	0.1117	0.0035	ppm	4M54G7D	27M	20.48
41	5	2498.5	2687.5	0.0935	0.0023	ppm	4M60W7D	27M	19.71
41	10	2501	2685	0.1159	0.0018	ppm	9M08G7D	27M	20.64
41	10	2501	2685	0.0906	0.0015	ppm	9M06W7D	27M	19.57
41	15	2503.5	2682.5	0.1094	0.0030	ppm	13M5G7D	27M	20.39
41	15	2503.5	2682.5	0.0815	0.0030	ppm	13M6W7D	27M	19.11
41	20	2506	2680	0.1089	0.0022	ppm	18M0G7D	27M	20.37
41	20	2506	2680	0.0959	0.0022	ppm	18M0W7D	27M	19.82

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	0.1671	0.0035	ppm	4M54G7D	27M	22.23
41	5	2498.5	2687.5	0.1400	0.0023	ppm	4M60W7D	27M	21.46
41	10	2501	2685	0.1734	0.0018	ppm	9M08G7D	27M	22.39
41	10	2501	2685	0.1355	0.0015	ppm	9M06W7D	27M	21.32
41	15	2503.5	2682.5	0.1637	0.0030	ppm	13M5G7D	27M	22.14
41	15	2503.5	2682.5	0.1219	0.0030	ppm	13M6W7D	27M	20.86
41	20	2506	2680	0.1629	0.0022	ppm	18M0G7D	27M	22.12
41	20	2506	2680	0.1435	0.0022	ppm	18M0W7D	27M	21.57