

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	22.70	3.00	25.70	<=33.01	Pass
			13	23.00	3.00	26.00	<=33.01	Pass
			24	22.79	3.00	25.79	<=33.01	Pass
		12	0	22.10	3.00	25.10	<=33.01	Pass
			6	22.04	3.00	25.04	<=33.01	Pass
			13	21.98	3.00	24.98	<=33.01	Pass
		25	0	22.10	3.00	25.10	<=33.01	Pass
	2593	1	0	22.93	3.00	25.93	<=33.01	Pass
			13	22.96	3.00	25.96	<=33.01	Pass
			24	22.97	3.00	25.97	<=33.01	Pass
		12	0	22.10	3.00	25.10	<=33.01	Pass
			6	22.16	3.00	25.16	<=33.01	Pass
			13	22.11	3.00	25.11	<=33.01	Pass
	25	0	22.10	3.00	25.10	<=33.01	Pass	
	2687.5	1	0	22.95	3.00	25.95	<=33.01	Pass
			13	23.01	3.00	26.01	<=33.01	Pass
			24	22.76	3.00	25.76	<=33.01	Pass
		12	0	22.17	3.00	25.17	<=33.01	Pass
			6	22.00	3.00	25.00	<=33.01	Pass
			13	21.97	3.00	24.97	<=33.01	Pass
		25	0	22.07	3.00	25.07	<=33.01	Pass
16QAM		2498.5	1	0	22.18	3.00	25.18	<=33.01
	13			22.15	3.00	25.15	<=33.01	Pass
	24			22.06	3.00	25.06	<=33.01	Pass
	12		0	20.90	3.00	23.90	<=33.01	Pass
			6	20.94	3.00	23.94	<=33.01	Pass
			13	20.83	3.00	23.83	<=33.01	Pass
	25		0	20.97	3.00	23.97	<=33.01	Pass
	2593	1	0	22.42	3.00	25.42	<=33.01	Pass
			13	22.51	3.00	25.51	<=33.01	Pass
			24	22.43	3.00	25.43	<=33.01	Pass
		12	0	21.00	3.00	24.00	<=33.01	Pass
			6	21.00	3.00	24.00	<=33.01	Pass
			13	20.98	3.00	23.98	<=33.01	Pass
	25	0	21.14	3.00	24.14	<=33.01	Pass	
	2687.5	1	0	22.06	3.00	25.06	<=33.01	Pass
			13	22.22	3.00	25.22	<=33.01	Pass
			24	21.99	3.00	24.99	<=33.01	Pass
		12	0	20.98	3.00	23.98	<=33.01	Pass
			6	20.89	3.00	23.89	<=33.01	Pass
			13	20.76	3.00	23.76	<=33.01	Pass
		25	0	21.01	3.00	24.01	<=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	23.19	3.00	26.19	<=33.01	Pass	
			25	23.17	3.00	26.17	<=33.01	Pass	
			49	22.93	3.00	25.93	<=33.01	Pass	
		25	0	22.02	3.00	25.02	<=33.01	Pass	
			13	22.06	3.00	25.06	<=33.01	Pass	
			25	22.00	3.00	25.00	<=33.01	Pass	
		50	0	22.11	3.00	25.11	<=33.01	Pass	
		2593	1	0	23.11	3.00	26.11	<=33.01	Pass
				25	23.19	3.00	26.19	<=33.01	Pass
	49			23.07	3.00	26.07	<=33.01	Pass	
	25		0	22.15	3.00	25.15	<=33.01	Pass	
			13	22.13	3.00	25.13	<=33.01	Pass	
			25	22.11	3.00	25.11	<=33.01	Pass	
	50	0	22.06	3.00	25.06	<=33.01	Pass		
	2685	1	0	23.09	3.00	26.09	<=33.01	Pass	
			25	23.05	3.00	26.05	<=33.01	Pass	
			49	22.79	3.00	25.79	<=33.01	Pass	
		25	0	22.24	3.00	25.24	<=33.01	Pass	
			13	22.18	3.00	25.18	<=33.01	Pass	
			25	22.00	3.00	25.00	<=33.01	Pass	
		50	0	22.20	3.00	25.20	<=33.01	Pass	
16QAM		2501	1	0	21.89	3.00	24.89	<=33.01	Pass
				25	21.99	3.00	24.99	<=33.01	Pass
	49			21.78	3.00	24.78	<=33.01	Pass	
	25		0	20.88	3.00	23.88	<=33.01	Pass	
			13	20.81	3.00	23.81	<=33.01	Pass	
			25	20.87	3.00	23.87	<=33.01	Pass	
	50	0	21.01	3.00	24.01	<=33.01	Pass		
	2593	1	0	22.55	3.00	25.55	<=33.01	Pass	
			25	22.29	3.00	25.29	<=33.01	Pass	
			49	22.65	3.00	25.65	<=33.01	Pass	
		25	0	21.06	3.00	24.06	<=33.01	Pass	
			13	21.00	3.00	24.00	<=33.01	Pass	
25			21.05	3.00	24.05	<=33.01	Pass		
50	0	20.91	3.00	23.91	<=33.01	Pass			
2685	1	0	22.62	3.00	25.62	<=33.01	Pass		
		25	22.53	3.00	25.53	<=33.01	Pass		
		49	21.72	3.00	24.72	<=33.01	Pass		
	25	0	21.13	3.00	24.13	<=33.01	Pass		
		13	21.17	3.00	24.17	<=33.01	Pass		
		25	21.03	3.00	24.03	<=33.01	Pass		
50	0	21.12	3.00	24.12	<=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	23.01	3.00	26.01	<=33.01	Pass
			38	22.69	3.00	25.69	<=33.01	Pass
			74	22.74	3.00	25.74	<=33.01	Pass
		36	0	21.89	3.00	24.89	<=33.01	Pass
			18	21.90	3.00	24.90	<=33.01	Pass
			39	21.86	3.00	24.86	<=33.01	Pass

		75	0	21.82	3.00	24.82	<=33.01	Pass	
	2593	1	0	23.09	3.00	26.09	<=33.01	Pass	
			38	23.14	3.00	26.14	<=33.01	Pass	
			74	23.14	3.00	26.14	<=33.01	Pass	
			0	22.13	3.00	25.13	<=33.01	Pass	
		36	18	22.07	3.00	25.07	<=33.01	Pass	
			39	22.10	3.00	25.10	<=33.01	Pass	
	75	0	22.03	3.00	25.03	<=33.01	Pass		
	2682.5	1	0	22.72	3.00	25.72	<=33.01	Pass	
			38	22.90	3.00	25.90	<=33.01	Pass	
			74	22.58	3.00	25.58	<=33.01	Pass	
		36	0	22.11	3.00	25.11	<=33.01	Pass	
			18	22.16	3.00	25.16	<=33.01	Pass	
			39	22.11	3.00	25.11	<=33.01	Pass	
	75	0	22.03	3.00	25.03	<=33.01	Pass		
	16QAM	2503.5	1	0	21.52	3.00	24.52	<=33.01	Pass
38				22.07	3.00	25.07	<=33.01	Pass	
74				21.21	3.00	24.21	<=33.01	Pass	
36			0	20.61	3.00	23.61	<=33.01	Pass	
			18	20.67	3.00	23.67	<=33.01	Pass	
			39	20.64	3.00	23.64	<=33.01	Pass	
75		0	20.66	3.00	23.66	<=33.01	Pass		
2593		1	0	22.58	3.00	25.58	<=33.01	Pass	
			38	22.53	3.00	25.53	<=33.01	Pass	
			74	22.55	3.00	25.55	<=33.01	Pass	
		36	0	21.07	3.00	24.07	<=33.01	Pass	
			18	21.12	3.00	24.12	<=33.01	Pass	
			39	21.15	3.00	24.15	<=33.01	Pass	
75		0	21.08	3.00	24.08	<=33.01	Pass		
2682.5		1	0	21.91	3.00	24.91	<=33.01	Pass	
			38	21.98	3.00	24.98	<=33.01	Pass	
			74	21.83	3.00	24.83	<=33.01	Pass	
		36	0	21.18	3.00	24.18	<=33.01	Pass	
			18	21.20	3.00	24.20	<=33.01	Pass	
			39	21.15	3.00	24.15	<=33.01	Pass	
75		0	21.05	3.00	24.05	<=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	22.81	3.00	25.81	<=33.01	Pass
			50	22.98	3.00	25.98	<=33.01	Pass
			99	22.88	3.00	25.88	<=33.01	Pass
		50	0	21.80	3.00	24.80	<=33.01	Pass
			25	21.77	3.00	24.77	<=33.01	Pass
			50	21.81	3.00	24.81	<=33.01	Pass
		100	0	21.80	3.00	24.80	<=33.01	Pass
	2593	1	0	23.16	3.00	26.16	<=33.01	Pass
			50	23.22	3.00	26.22	<=33.01	Pass
			99	23.00	3.00	26.00	<=33.01	Pass
		50	0	22.07	3.00	25.07	<=33.01	Pass
			25	22.16	3.00	25.16	<=33.01	Pass
			50	22.20	3.00	25.20	<=33.01	Pass
		100	0	22.13	3.00	25.13	<=33.01	Pass

	2680	1	0	23.02	3.00	26.02	<=33.01	Pass		
			50	23.30	3.00	26.30	<=33.01	Pass		
			99	22.76	3.00	25.76	<=33.01	Pass		
		50	0	22.09	3.00	25.09	<=33.01	Pass		
			25	22.06	3.00	25.06	<=33.01	Pass		
			50	22.10	3.00	25.10	<=33.01	Pass		
		100	0	22.04	3.00	25.04	<=33.01	Pass		
		16QAM	2506	1	0	22.25	3.00	25.25	<=33.01	Pass
					50	22.45	3.00	25.45	<=33.01	Pass
99	22.57				3.00	25.57	<=33.01	Pass		
50	0			20.95	3.00	23.95	<=33.01	Pass		
	25			20.83	3.00	23.83	<=33.01	Pass		
	50			20.81	3.00	23.81	<=33.01	Pass		
100	0			20.80	3.00	23.80	<=33.01	Pass		
2593	1			0	21.75	3.00	24.75	<=33.01	Pass	
				50	21.81	3.00	24.81	<=33.01	Pass	
			99	21.69	3.00	24.69	<=33.01	Pass		
	50		0	21.04	3.00	24.04	<=33.01	Pass		
			25	21.02	3.00	24.02	<=33.01	Pass		
			50	20.98	3.00	23.98	<=33.01	Pass		
	100		0	21.01	3.00	24.01	<=33.01	Pass		
	2680		1	0	22.30	3.00	25.30	<=33.01	Pass	
				50	22.33	3.00	25.33	<=33.01	Pass	
99				22.47	3.00	25.47	<=33.01	Pass		
50			0	21.04	3.00	24.04	<=33.01	Pass		
		25	20.96	3.00	23.96	<=33.01	Pass			
		50	20.86	3.00	23.86	<=33.01	Pass			
100		0	20.86	3.00	23.86	<=33.01	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 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	3.55	0.730	0.0003	/	Pass
					4	5.550	0.0022	/	Pass
					4.4	4.106	0.0016	/	Pass
				-30	4	4.849	0.0019	/	Pass
				-20	4	0.386	0.0002	/	Pass
				-10	4	4.592	0.0018	/	Pass
				0	4	5.536	0.0022	/	Pass
				10	4	1.431	0.0006	/	Pass
				30	4	3.505	0.0014	/	Pass
				40	4	3.619	0.0014	/	Pass
				50	4	4.807	0.0019	/	Pass
	2593	100	0	20	3.55	6.208	0.0024	/	Pass
					4	3.247	0.0013	/	Pass
					4.4	4.950	0.0019	/	Pass
				-30	4	1.388	0.0005	/	Pass
				-20	4	5.279	0.0020	/	Pass
				-10	4	3.562	0.0014	/	Pass
				0	4	2.346	0.0009	/	Pass

				10	4	4.463	0.0017	/	Pass
				30	4	4.792	0.0018	/	Pass
				40	4	6.466	0.0025	/	Pass
				50	4	3.934	0.0015	/	Pass
	2680	100	0	20	3.55	4.964	0.0019	/	Pass
					4	2.289	0.0009	/	Pass
					4.4	4.978	0.0019	/	Pass
				-30	4	6.251	0.0023	/	Pass
				-20	4	2.217	0.0008	/	Pass
				-10	4	6.208	0.0023	/	Pass
				0	4	2.747	0.0010	/	Pass
				10	4	3.791	0.0014	/	Pass
				30	4	2.575	0.0010	/	Pass
				40	4	5.136	0.0019	/	Pass
				50	4	7.024	0.0026	/	Pass
16QAM	2506	100	0	20	3.55	4.063	0.0016	/	Pass
					4	4.449	0.0018	/	Pass
					4.4	4.148	0.0017	/	Pass
				-30	4	4.148	0.0017	/	Pass
				-20	4	5.450	0.0022	/	Pass
				-10	4	4.606	0.0018	/	Pass
				0	4	2.317	0.0009	/	Pass
				10	4	3.462	0.0014	/	Pass
				30	4	5.021	0.0020	/	Pass
				40	4	3.676	0.0015	/	Pass
				50	4	5.479	0.0022	/	Pass
	2593	100	0	20	3.55	6.366	0.0025	/	Pass
					4	3.104	0.0012	/	Pass
					4.4	4.721	0.0018	/	Pass
				-30	4	3.319	0.0013	/	Pass
				-20	4	5.178	0.0020	/	Pass
				-10	4	6.523	0.0025	/	Pass
				0	4	6.952	0.0027	/	Pass
				10	4	5.479	0.0021	/	Pass
				30	4	3.419	0.0013	/	Pass
				40	4	5.164	0.0020	/	Pass
				50	4	1.645	0.0006	/	Pass
	2680	100	0	20	3.55	4.792	0.0018	/	Pass
					4	2.117	0.0008	/	Pass
					4.4	5.493	0.0020	/	Pass
				-30	4	2.732	0.0010	/	Pass
				-20	4	5.136	0.0019	/	Pass
				-10	4	2.031	0.0008	/	Pass
				0	4	4.277	0.0016	/	Pass
				10	4	5.851	0.0022	/	Pass
				30	4	4.735	0.0018	/	Pass
				40	4	5.865	0.0022	/	Pass
				50	4	6.080	0.0023	/	Pass

3. Field Strength of Spurious Radiation

LTE Band 41-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4994.0	-47.35	-25	-22.35	-52.91	4.57	10.13	Horizontal	Pass
7491.0	-57.59	-25	-32.59	-64.38	4.94	11.73	Horizontal	Pass
9988.0	-56.87	-25	-31.87	-64.45	5.46	13.04	Horizontal	Pass
4994.0	-56.0	-25	-31.0	-61.56	4.57	10.13	Vertical	Pass
7491.0	-60.73	-25	-35.73	-67.52	4.94	11.73	Vertical	Pass
9988.0	-56.77	-25	-31.77	-64.35	5.46	13.04	Vertical	Pass

LTE Band 41-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5168.0	-58.19	-25	-33.19	-63.81	4.62	10.24	Horizontal	Pass
7752.0	-59.74	-25	-34.74	-66.82	4.96	12.04	Horizontal	Pass
10336.0	-56.71	-25	-31.71	-64.29	5.51	13.09	Horizontal	Pass
5168.0	-63.09	-25	-38.09	-68.71	4.62	10.24	Vertical	Pass
7752.0	-59.26	-25	-34.26	-66.34	4.96	12.04	Vertical	Pass
10336.0	-56.61	-25	-31.61	-64.19	5.51	13.09	Vertical	Pass

LTE Band 41-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5342.0	-62.65	-25	-37.65	-68.32	4.68	10.35	Horizontal	Pass
8013.0	-59.54	-25	-34.54	-66.91	4.98	12.35	Horizontal	Pass
10684.0	-56.91	-25	-31.91	-64.46	5.63	13.18	Horizontal	Pass
5342.0	-63.32	-25	-38.32	-68.99	4.68	10.35	Vertical	Pass
8013.0	-59.81	-25	-34.81	-67.18	4.98	12.35	Vertical	Pass
10684.0	-56.77	-25	-31.77	-64.32	5.63	13.18	Vertical	Pass

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	4.539	/	Pass
		2593	25	0	4.539	/	Pass
		2687.5	25	0	4.538	/	Pass
	16QAM	2498.5	25	0	4.573	/	Pass
		2593	25	0	4.526	/	Pass
		2687.5	25	0	4.547	/	Pass
10	QPSK	2501	50	0	9.030	/	Pass
		2593	50	0	9.083	/	Pass
		2685	50	0	9.041	/	Pass
	16QAM	2501	50	0	9.065	/	Pass
		2593	50	0	9.024	/	Pass
		2685	50	0	9.032	/	Pass
15	QPSK	2503.5	75	0	13.567	/	Pass
		2593	75	0	13.524	/	Pass
		2682.5	75	0	13.514	/	Pass
	16QAM	2503.5	75	0	13.544	/	Pass
		2593	75	0	13.564	/	Pass
		2682.5	75	0	13.629	/	Pass
20	QPSK	2506	100	0	18.061	/	Pass
		2593	100	0	18.014	/	Pass
		2680	100	0	18.073	/	Pass
	16QAM	2506	100	0	17.991	/	Pass
		2593	100	0	18.060	/	Pass
		2680	100	0	18.092	/	Pass

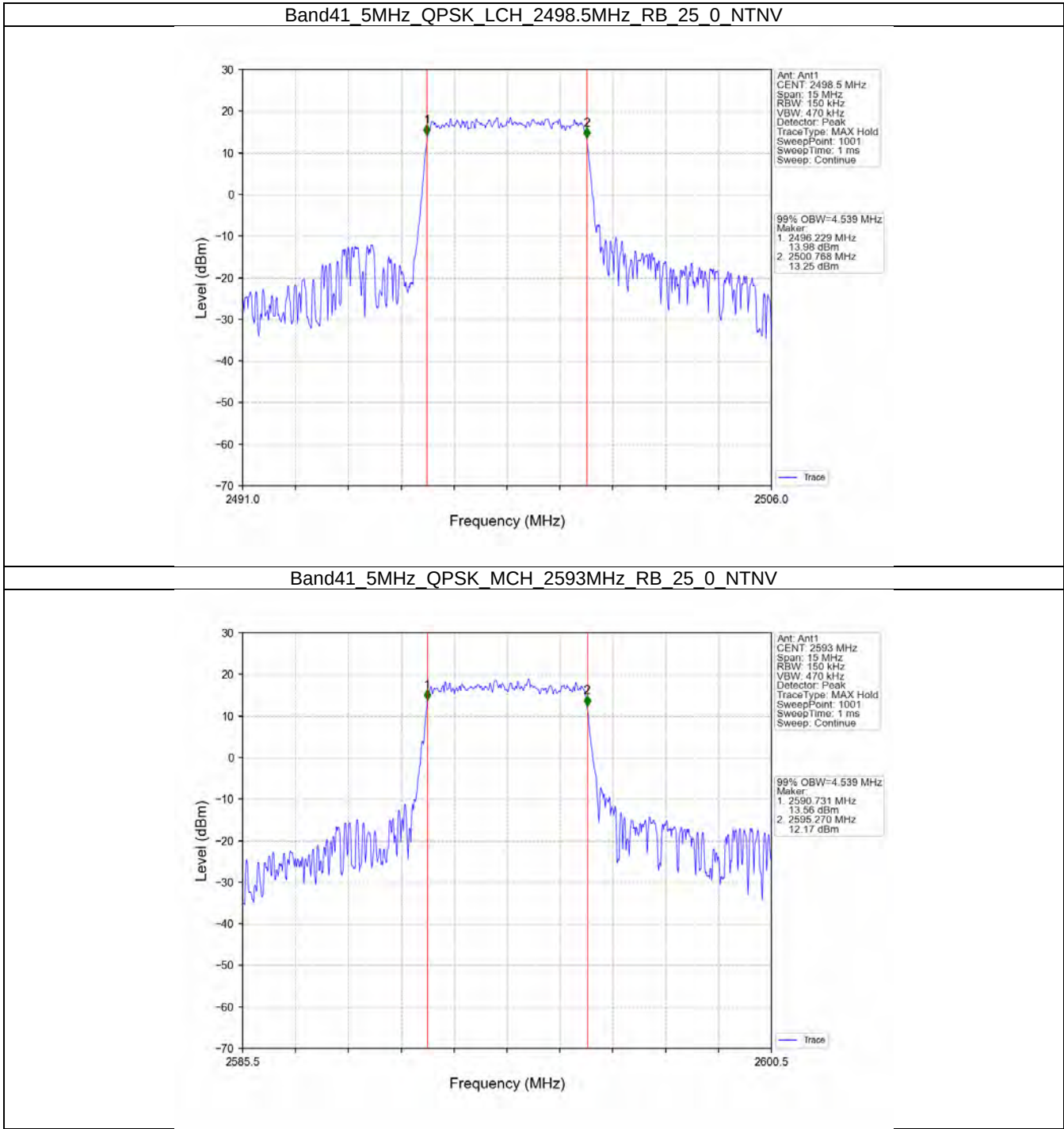
4.1.2 Band41_XDB

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.133	/	Pass
		2593	25	0	5.091	/	Pass
		2687.5	25	0	5.042	/	Pass
	16QAM	2498.5	25	0	5.337	/	Pass
		2593	25	0	5.061	/	Pass
		2687.5	25	0	5.244	/	Pass
10	QPSK	2501	50	0	10.021	/	Pass
		2593	50	0	10.052	/	Pass
		2685	50	0	10.273	/	Pass
	16QAM	2501	50	0	10.388	/	Pass
		2593	50	0	9.998	/	Pass
		2685	50	0	9.906	/	Pass
15	QPSK	2503.5	75	0	16.308	/	Pass
		2593	75	0	15.166	/	Pass
		2682.5	75	0	15.203	/	Pass
	16QAM	2503.5	75	0	16.869	/	Pass
		2593	75	0	15.684	/	Pass

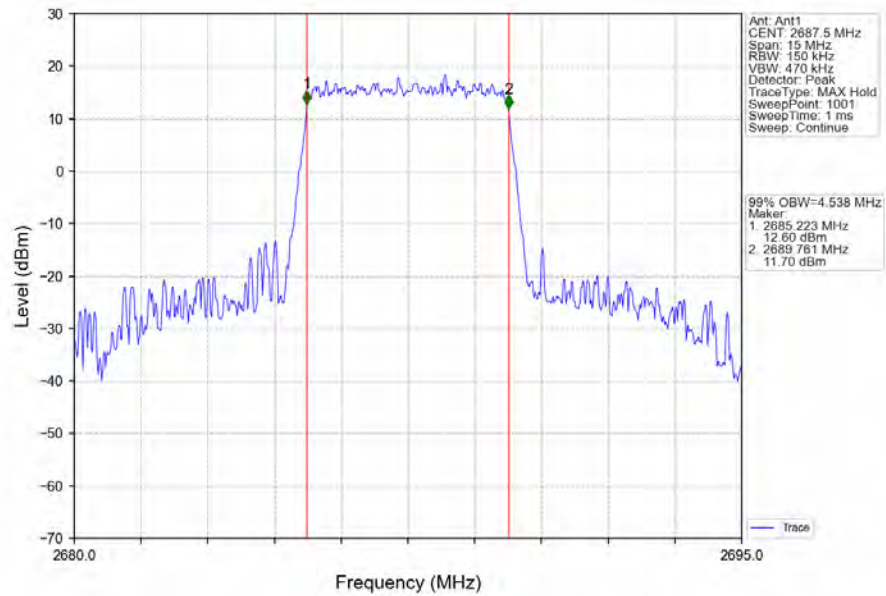
		2682.5	75	0	16.851	/	Pass
20	QPSK	2506	100	0	20.296	/	Pass
		2593	100	0	20.347	/	Pass
		2680	100	0	19.790	/	Pass
		2506	100	0	19.743	/	Pass
	16QAM	2593	100	0	20.201	/	Pass
		2680	100	0	20.459	/	Pass

4.2 Test Graph

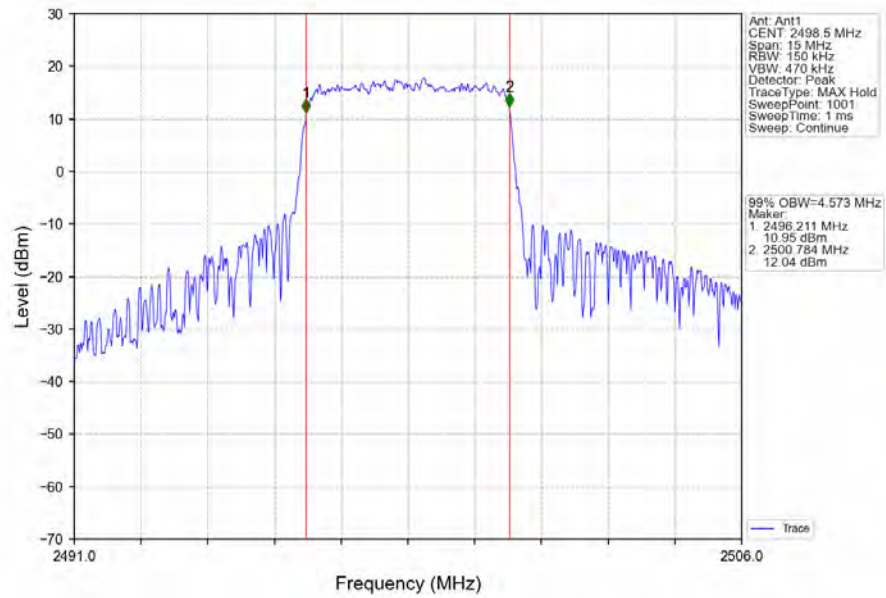
4.2.1 Band41_OBW



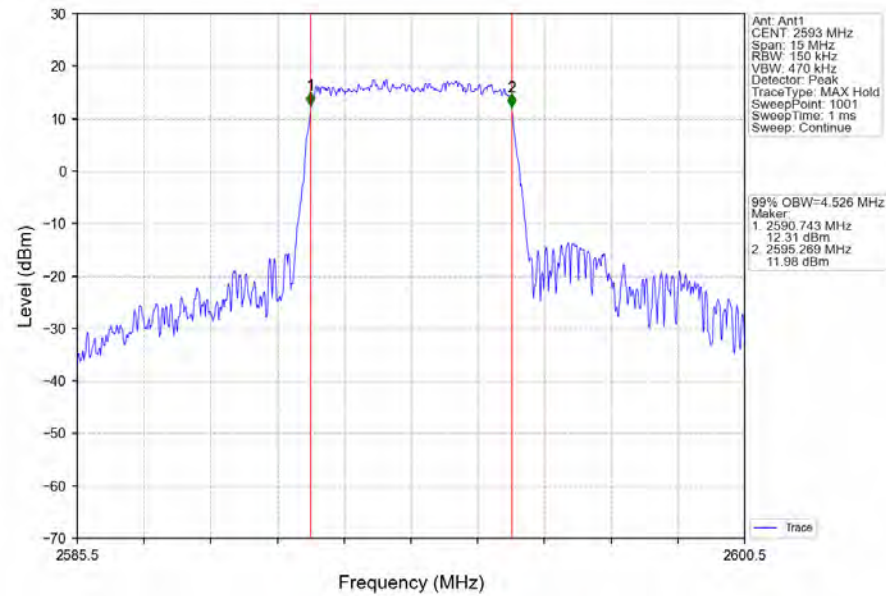
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



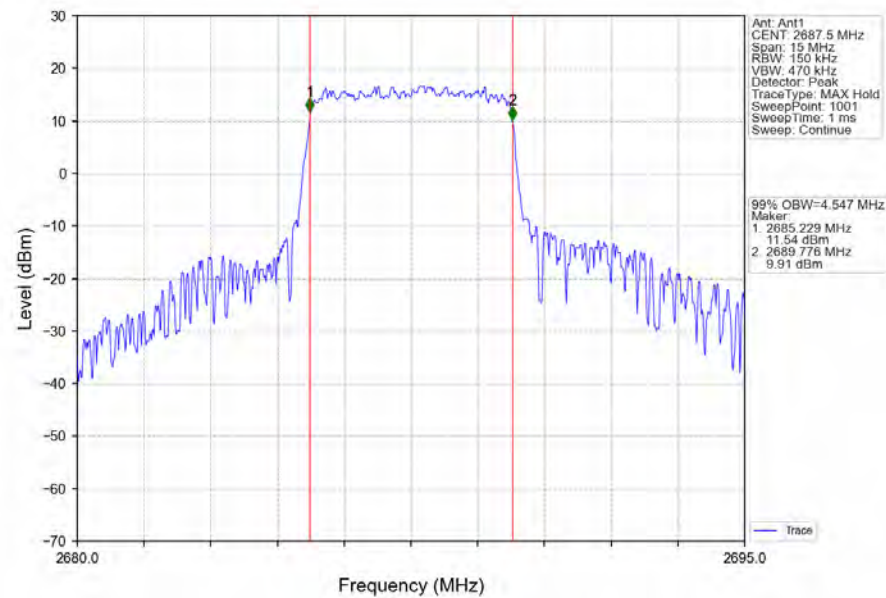
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV



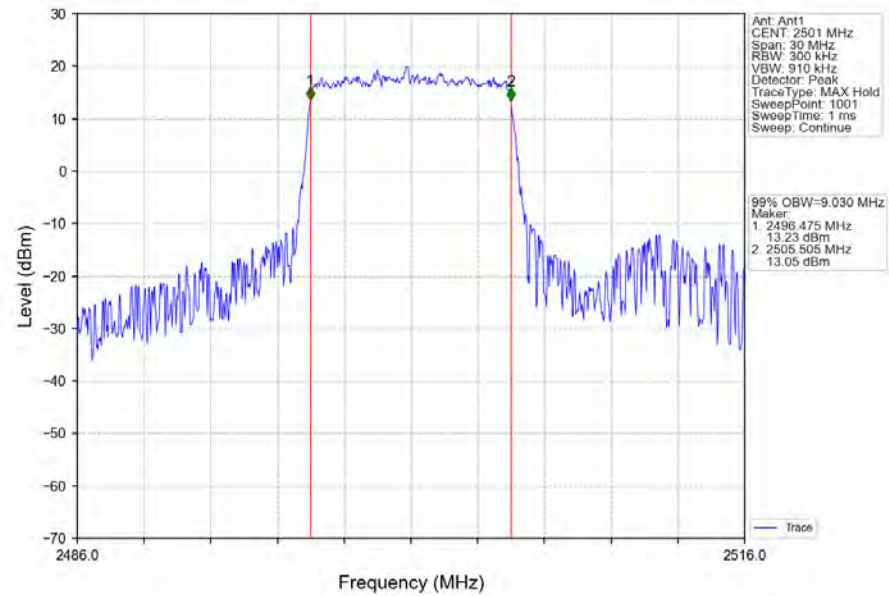
Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTNV



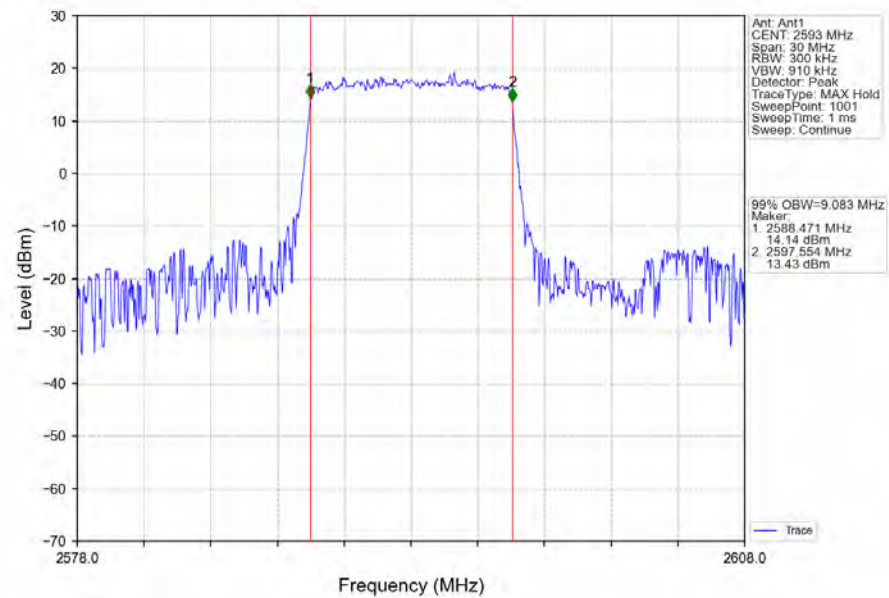
Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV



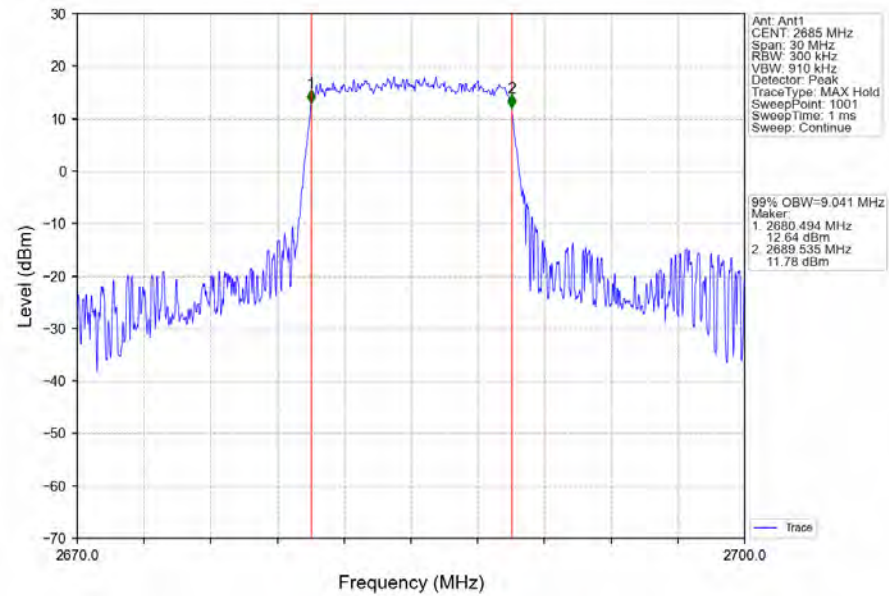
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



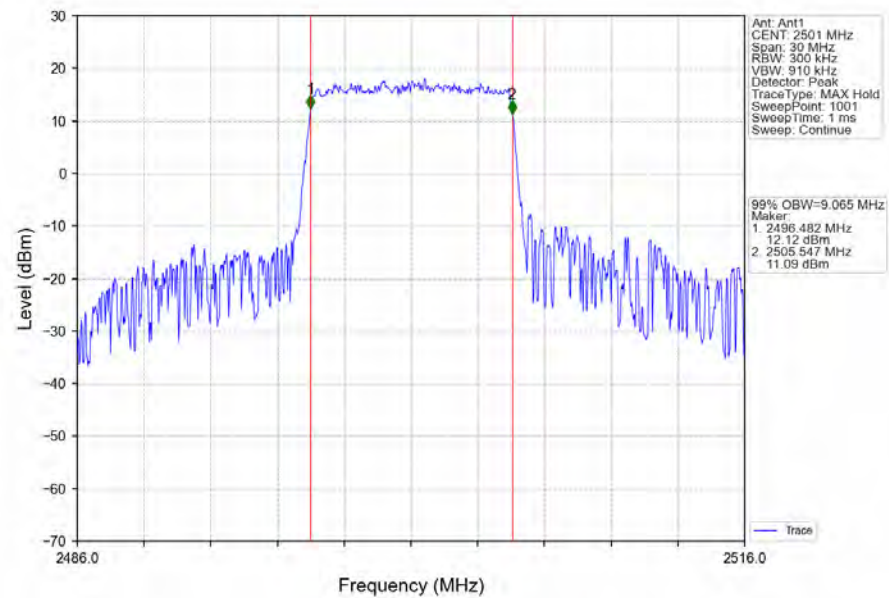
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



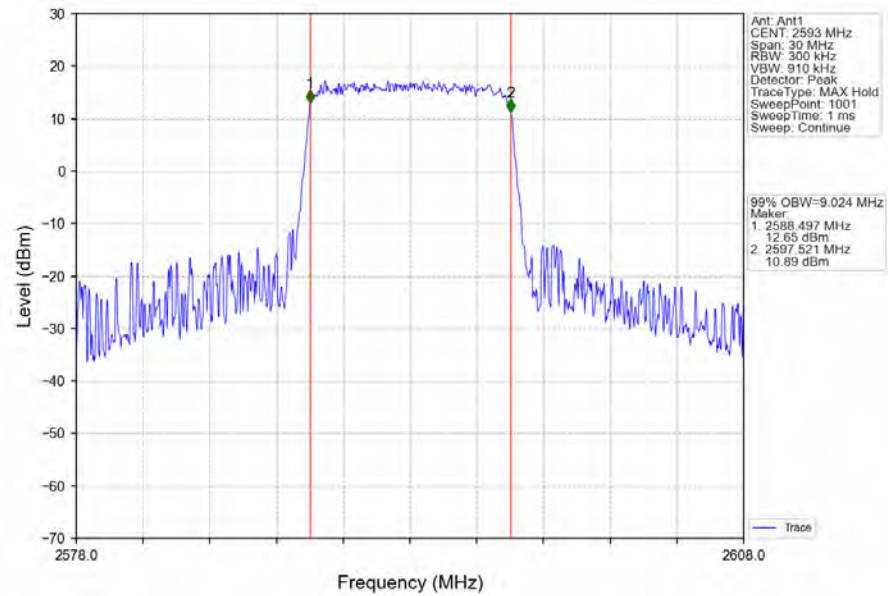
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV



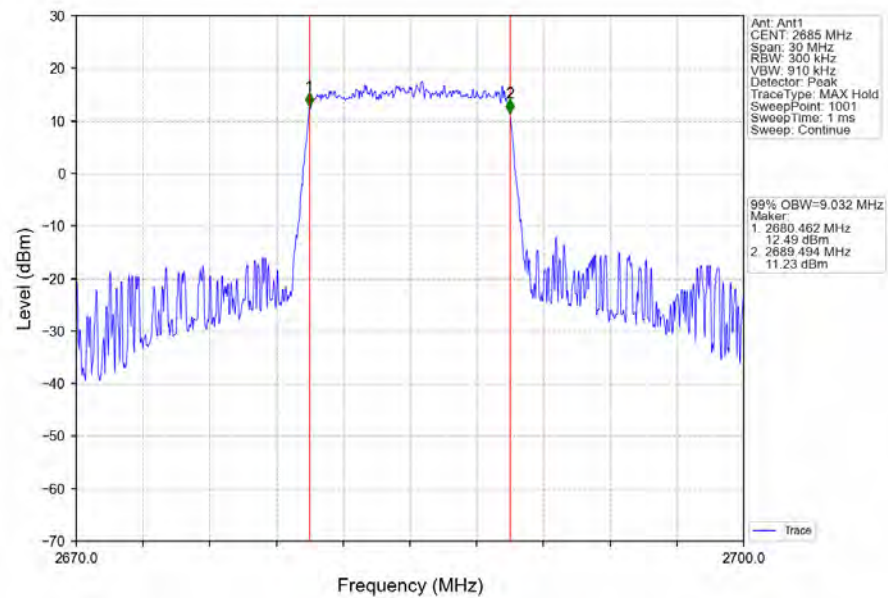
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTV



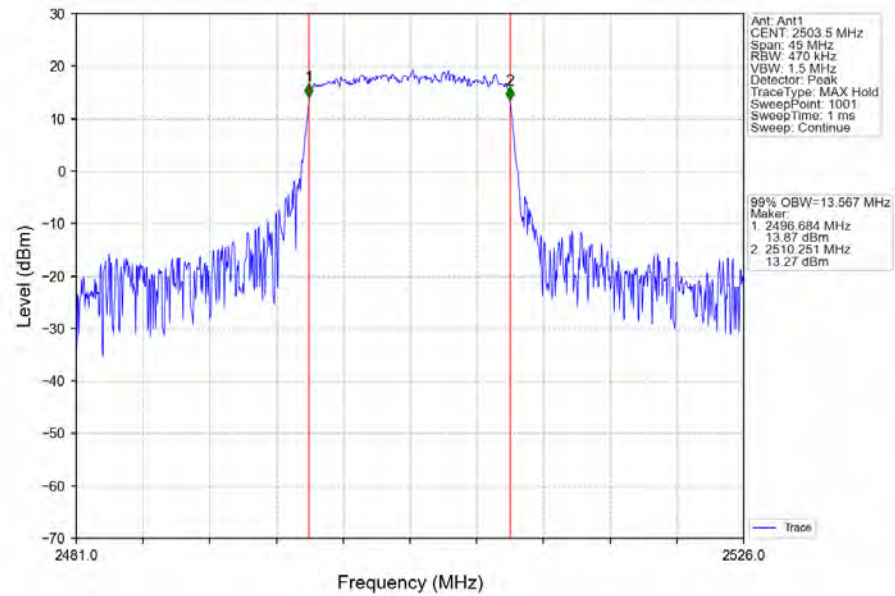
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



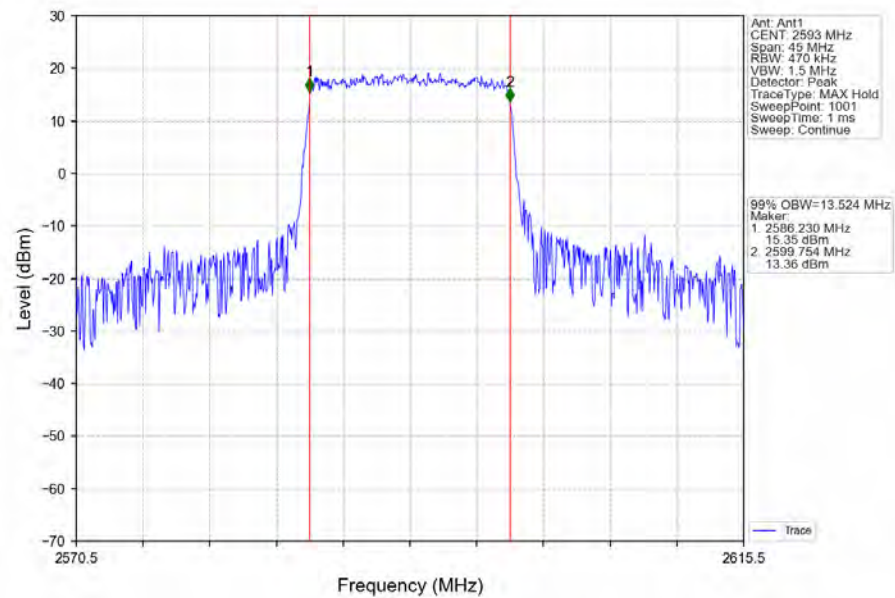
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV



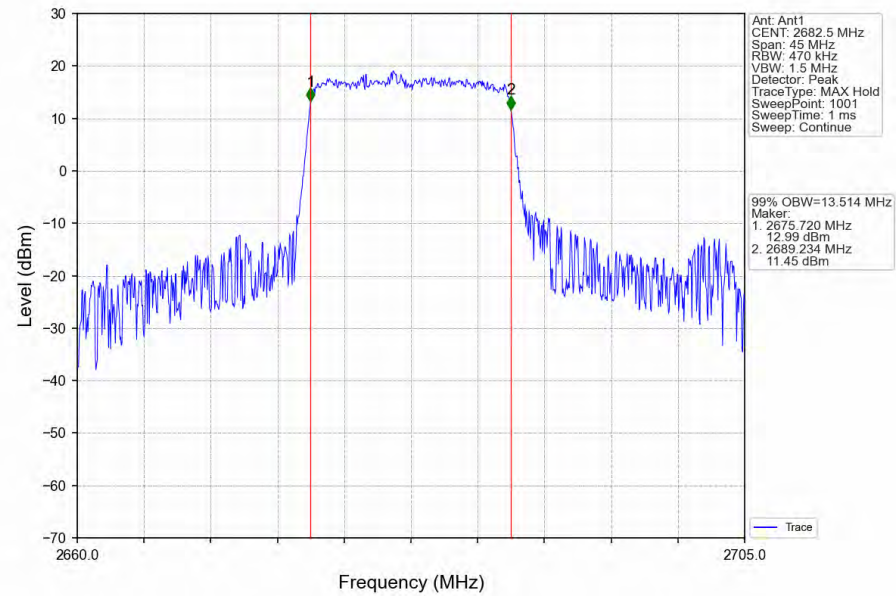
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



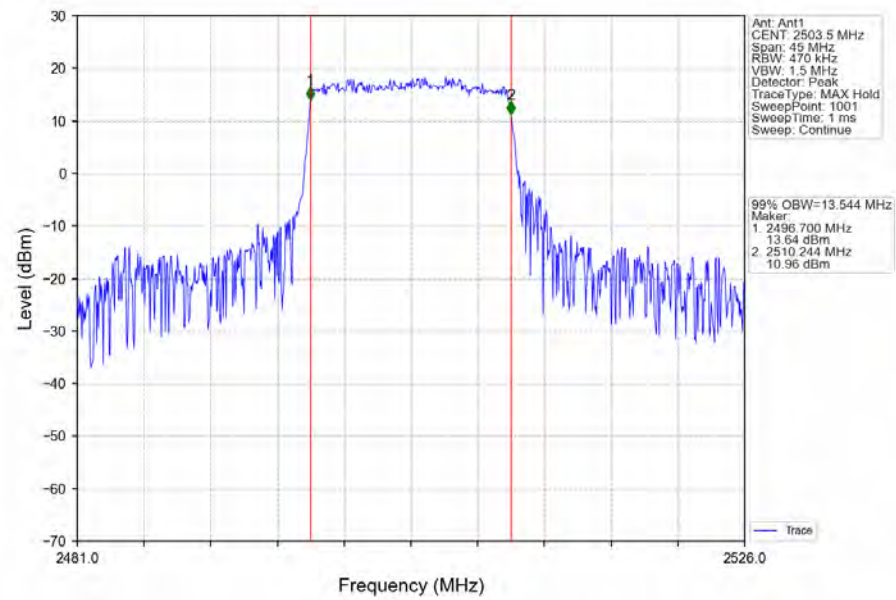
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



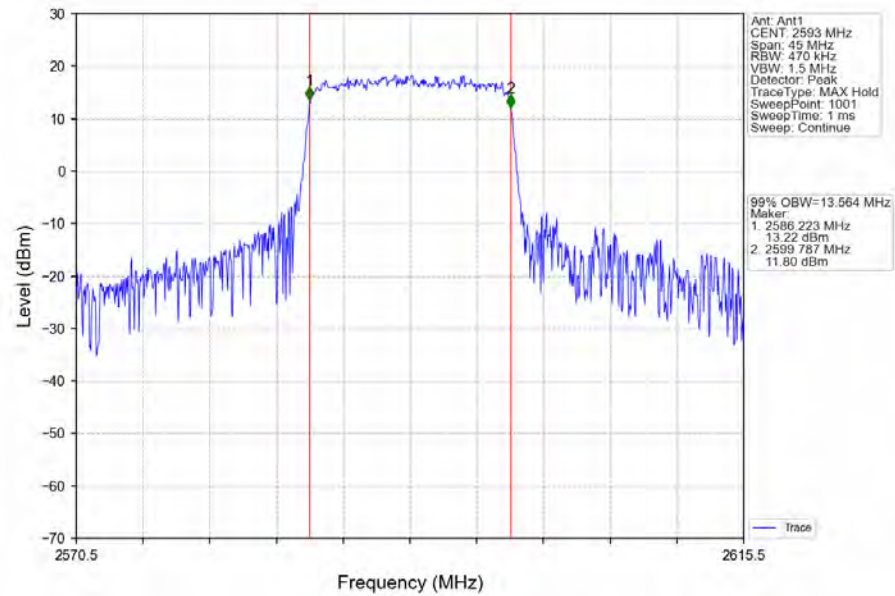
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTNV



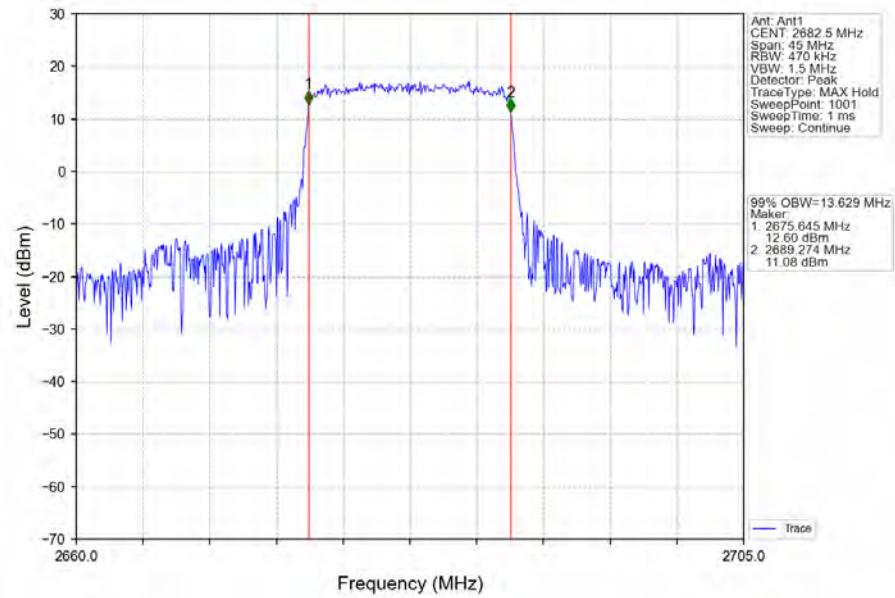
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTNV



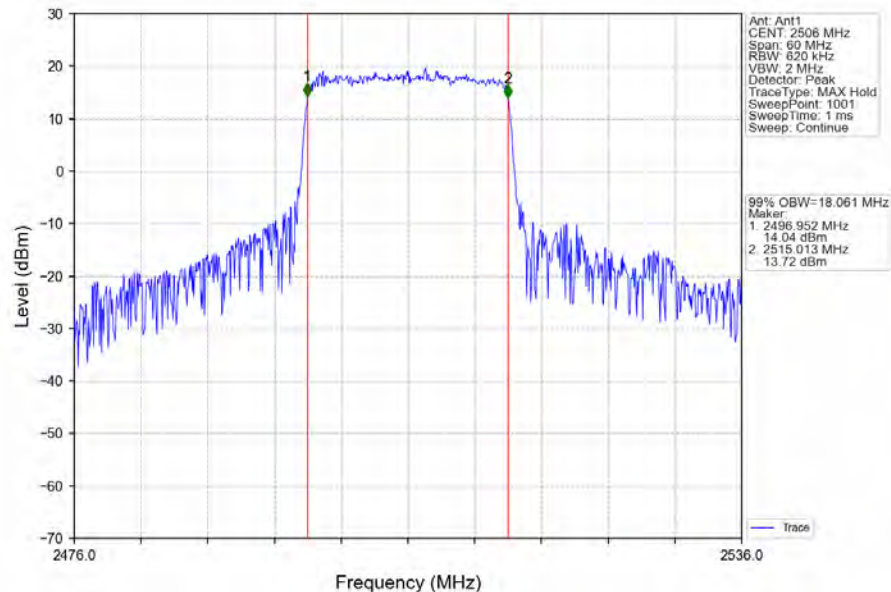
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



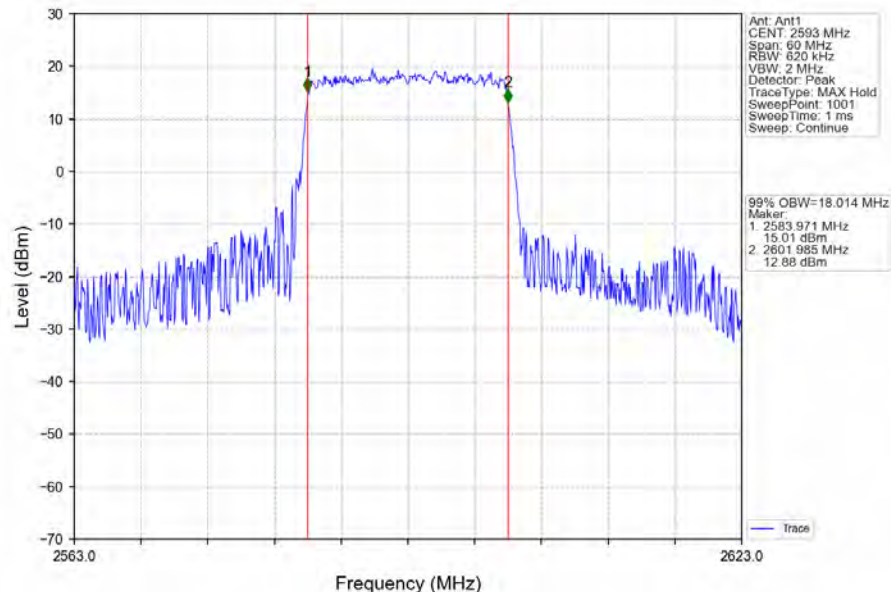
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



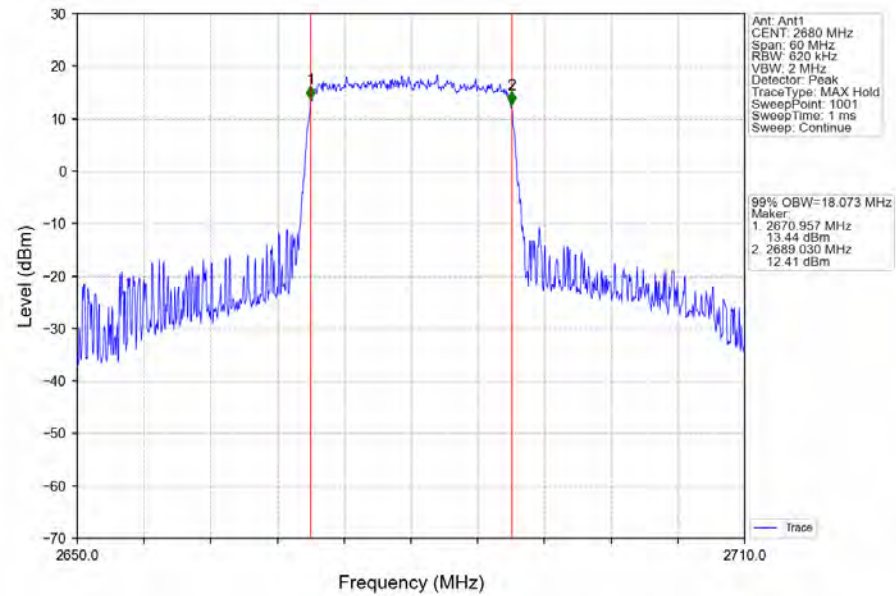
Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV



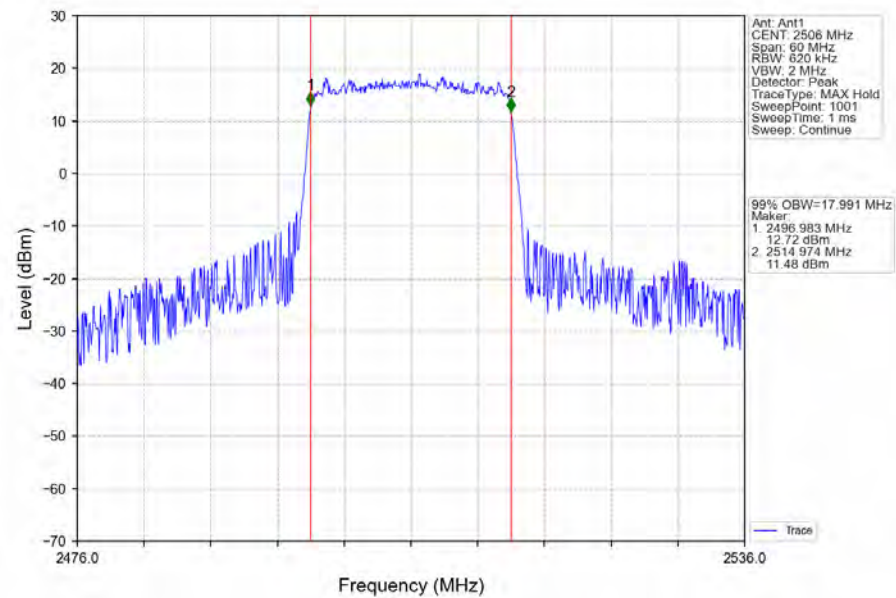
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



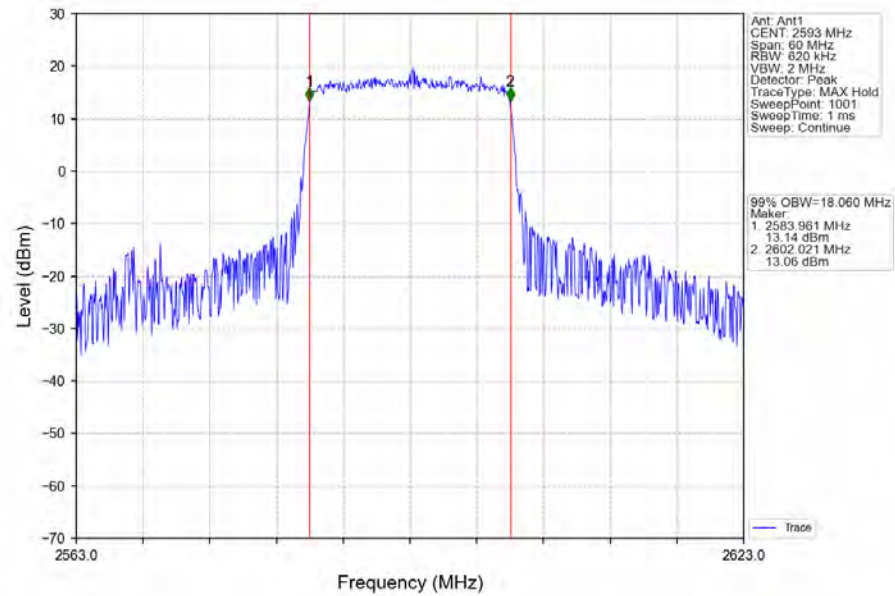
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



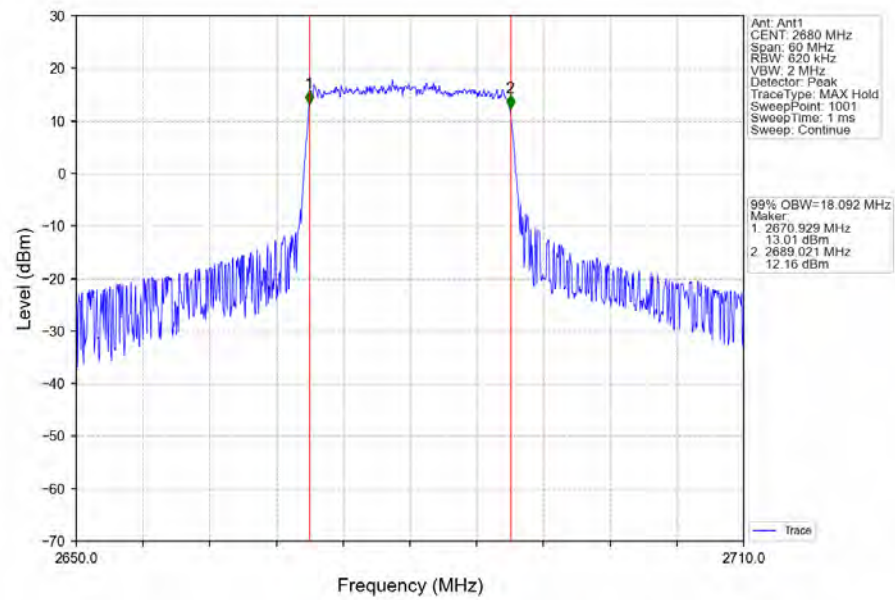
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTNV



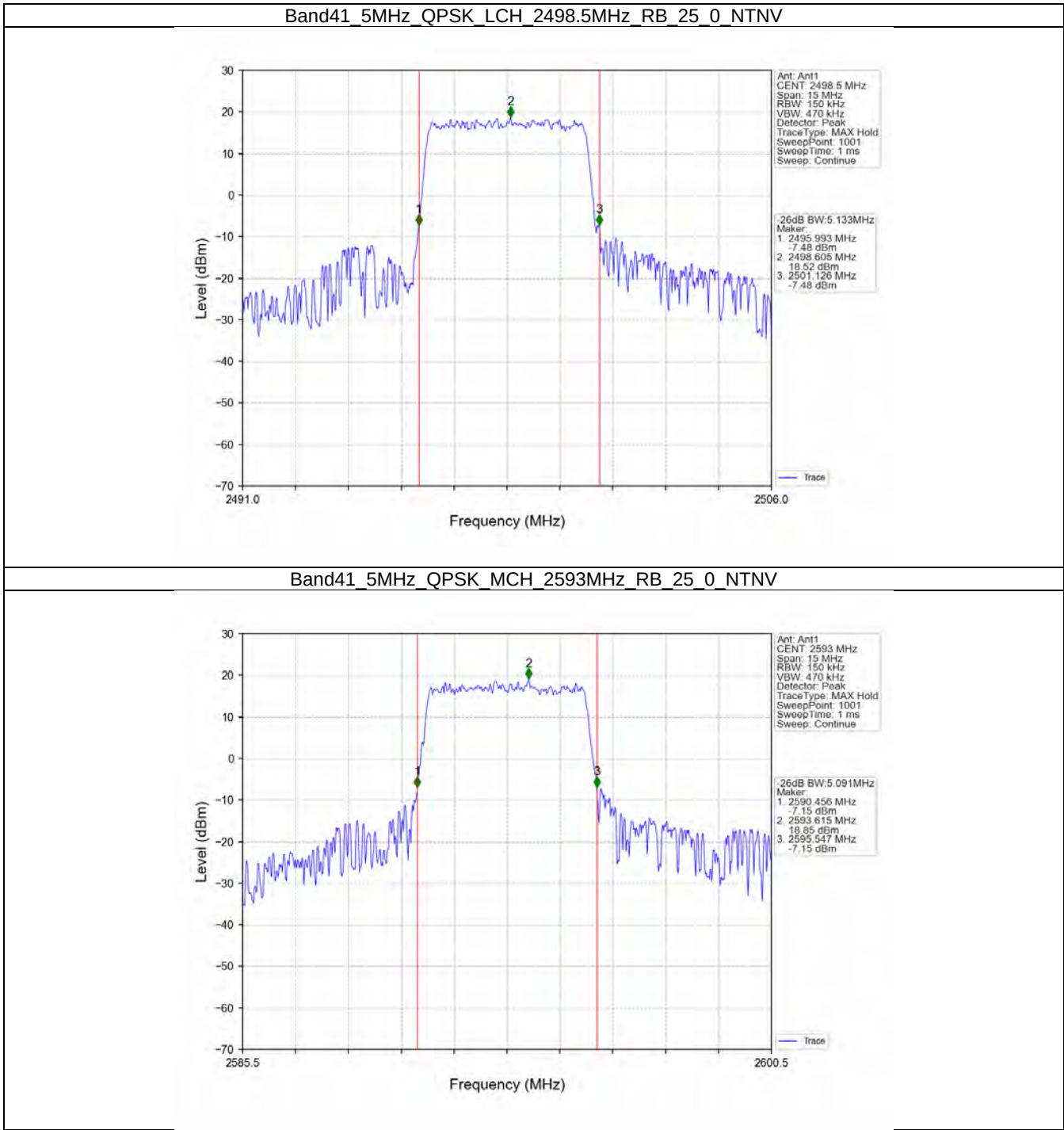
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTN



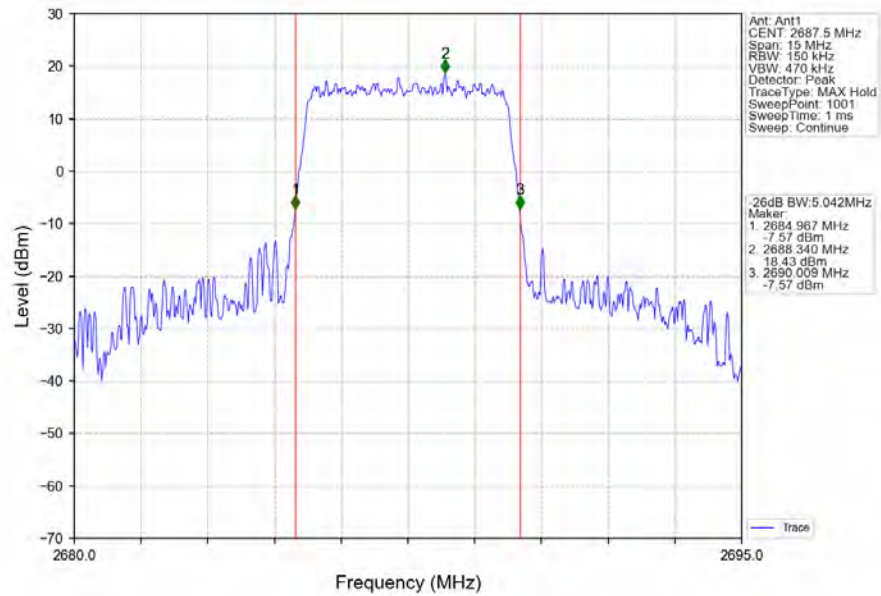
Band41 20MHz 16QAM HCH 2680MHz RB 100 0 NTN



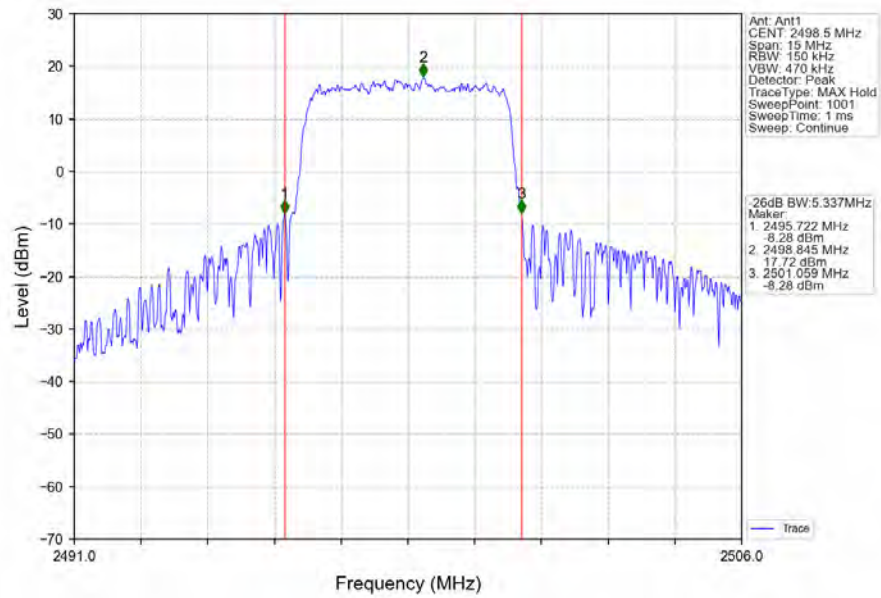
4.2.2 Band41_XDB



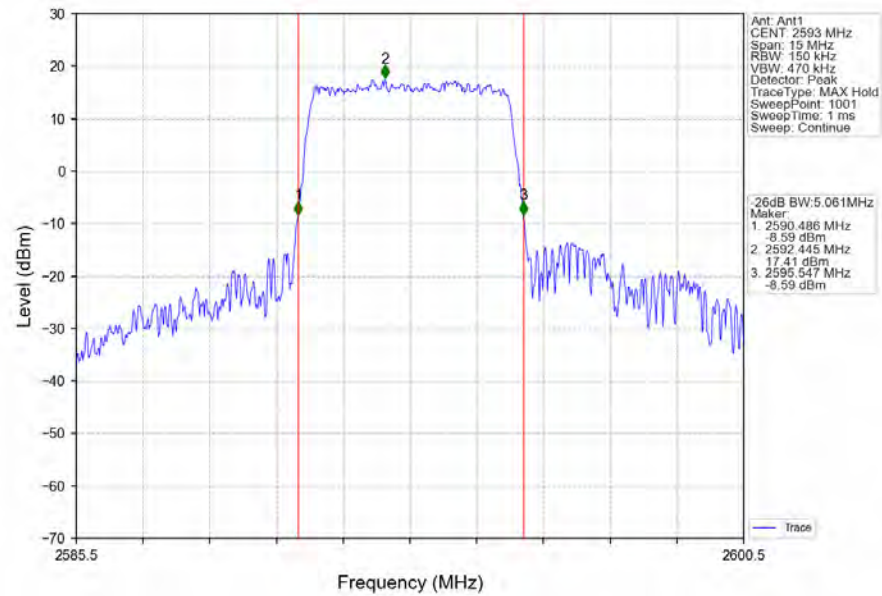
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



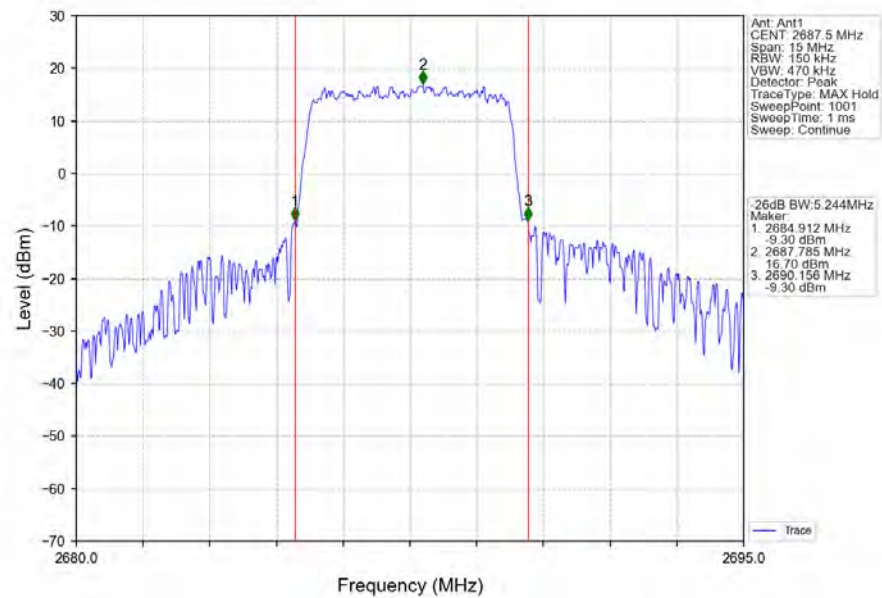
Band41 5MHz 16QAM LCH 2498.5MHz RB 25 0 NTNV



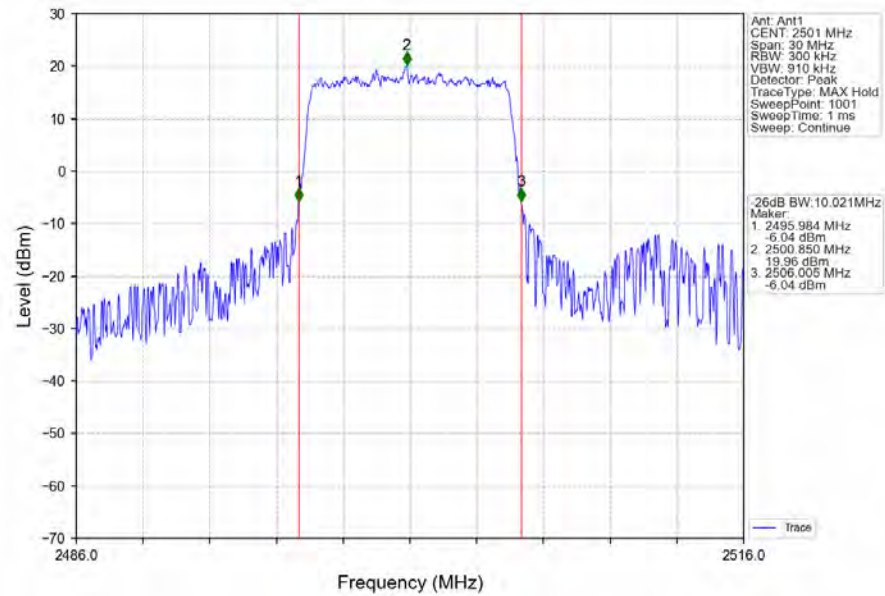
Band41 5MHz 16QAM MCH 2593MHz RB 25 0 NTNV



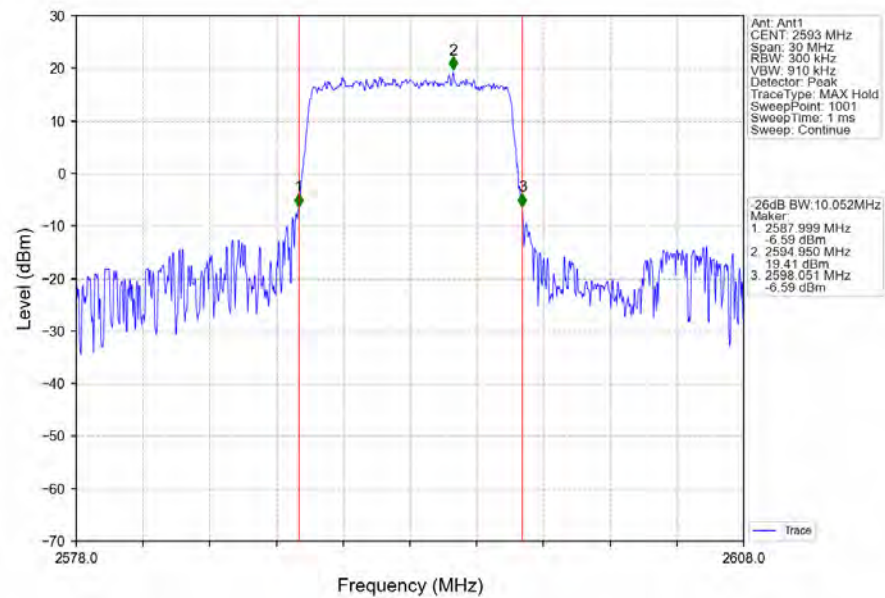
Band41 5MHz 16QAM HCH 2687.5MHz RB 25 0 NTNV



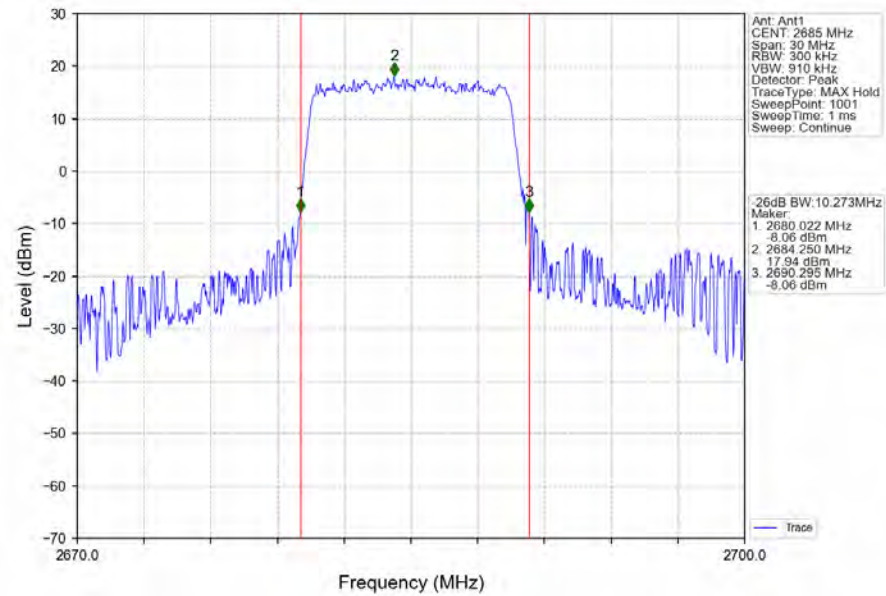
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



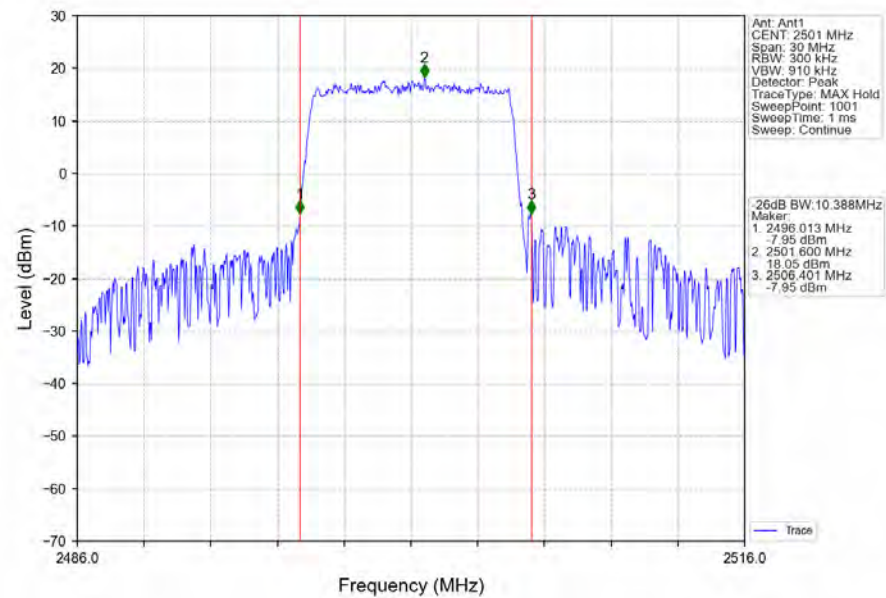
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



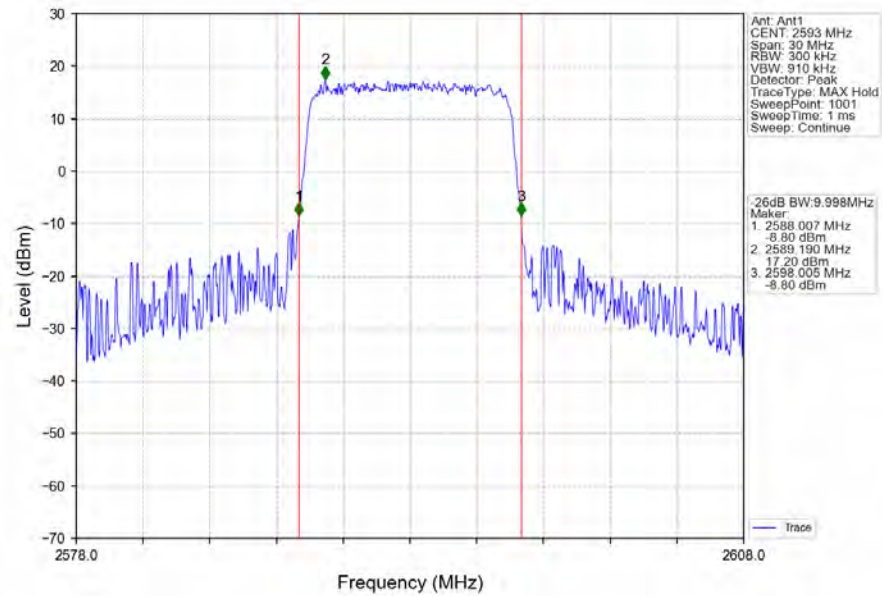
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV



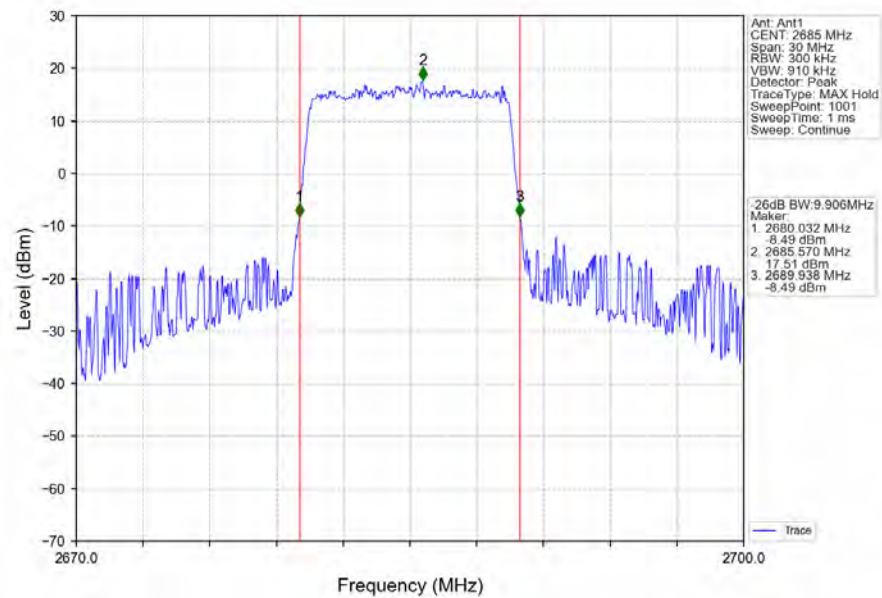
Band41 10MHz 16QAM LCH 2501MHz RB 50 0 NTV



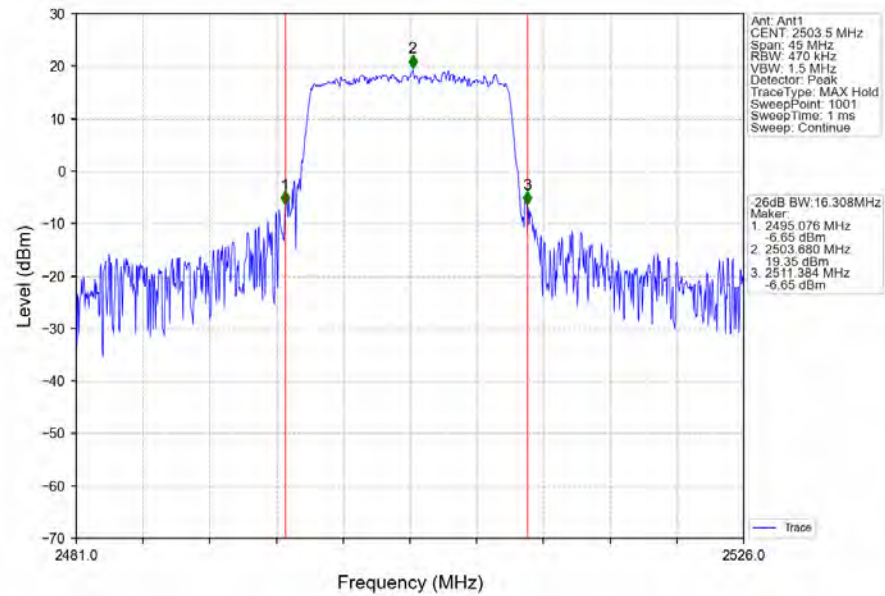
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



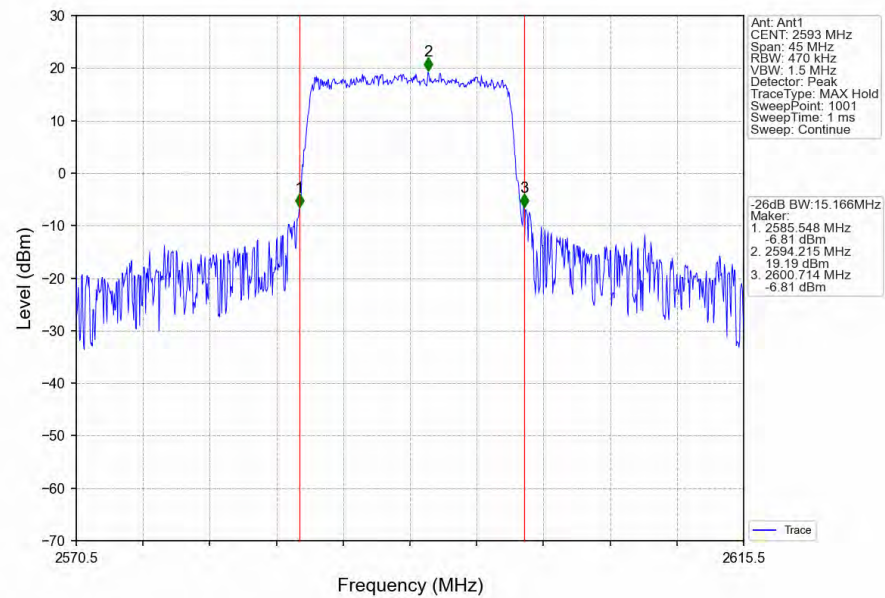
Band41 10MHz 16QAM HCH 2685MHz RB 50 0 NTNV



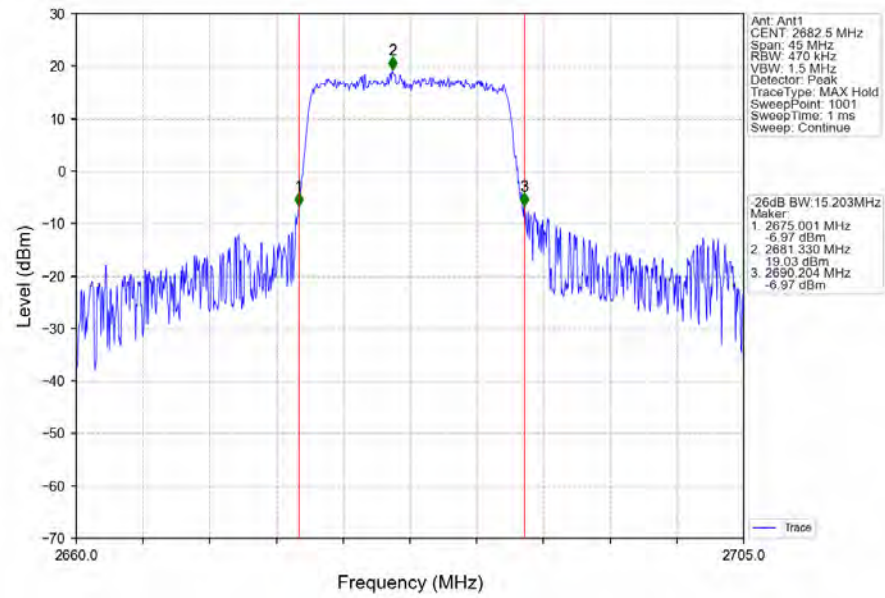
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



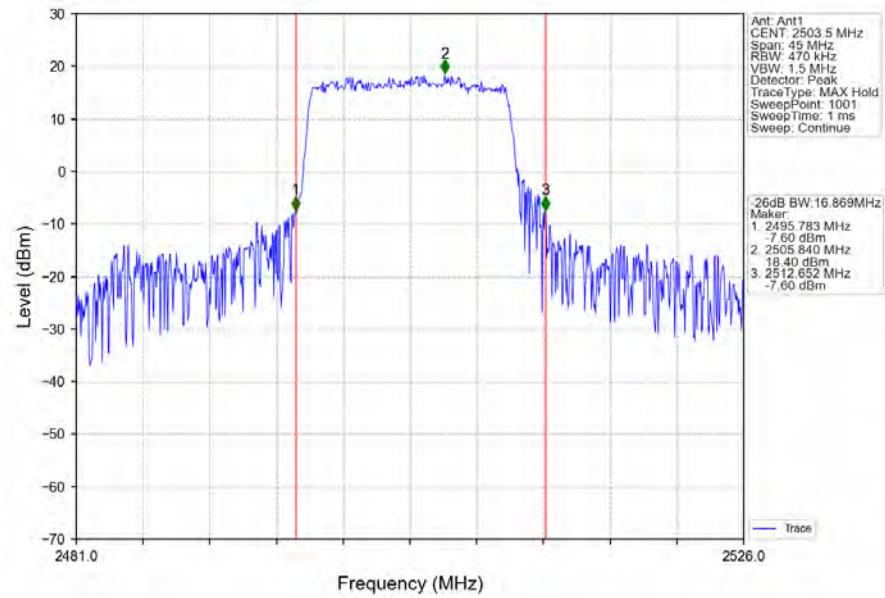
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



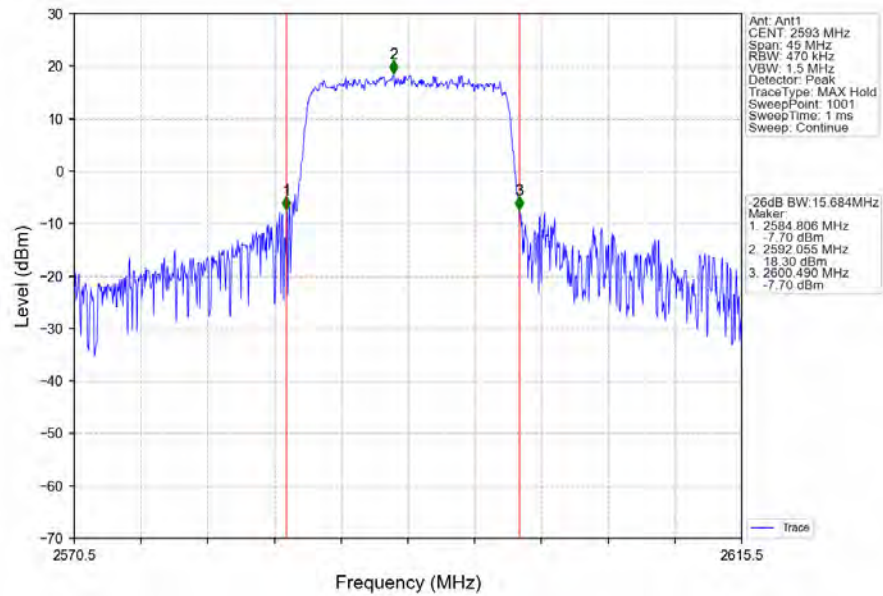
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTN



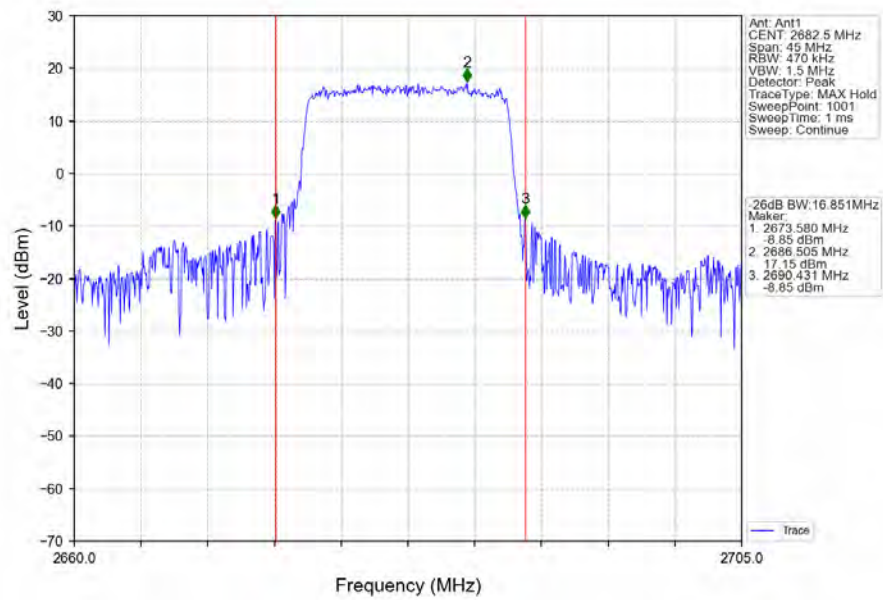
Band41 15MHz 16QAM LCH 2503.5MHz RB 75 0 NTN



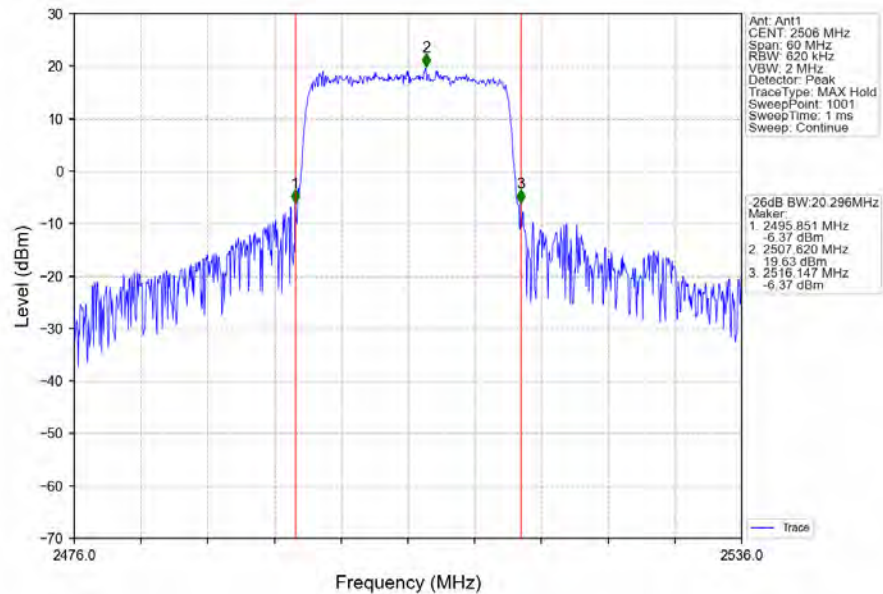
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



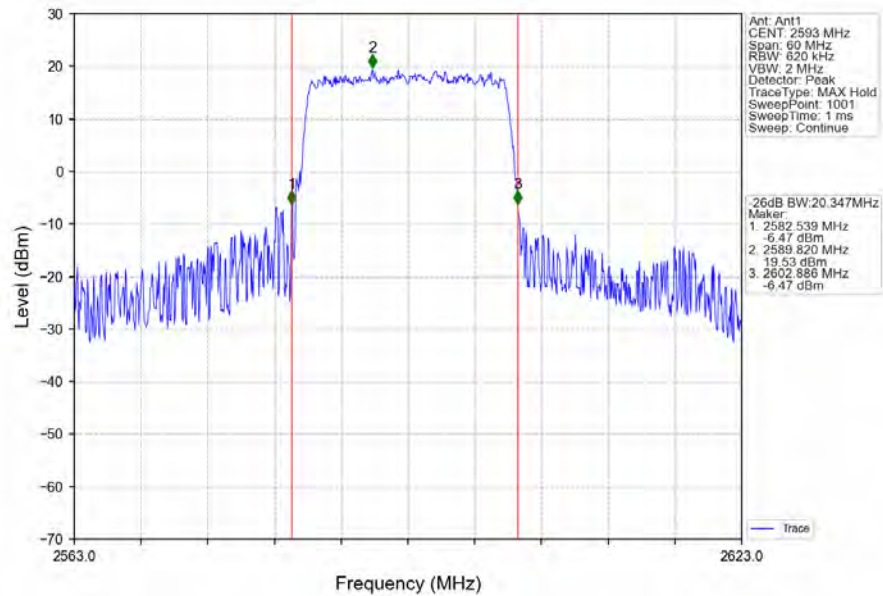
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



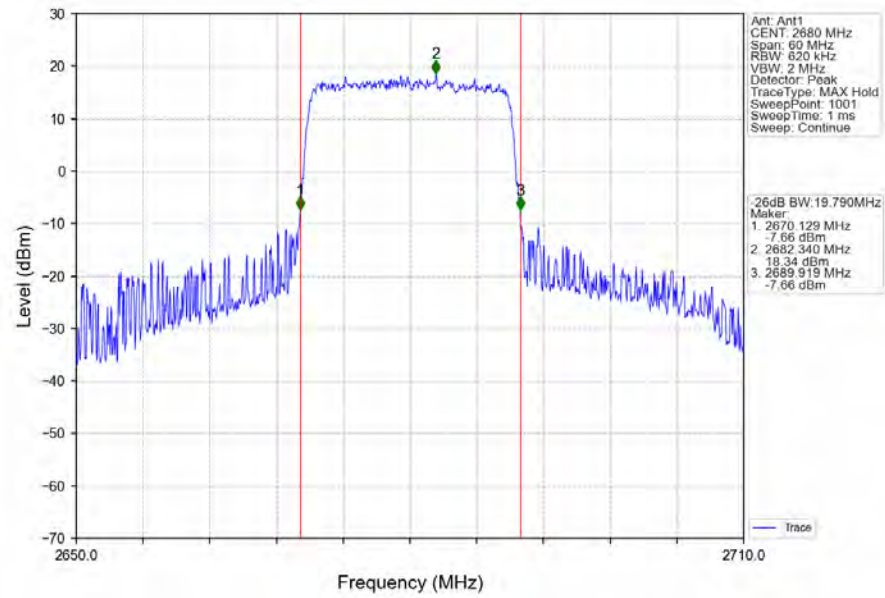
Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV



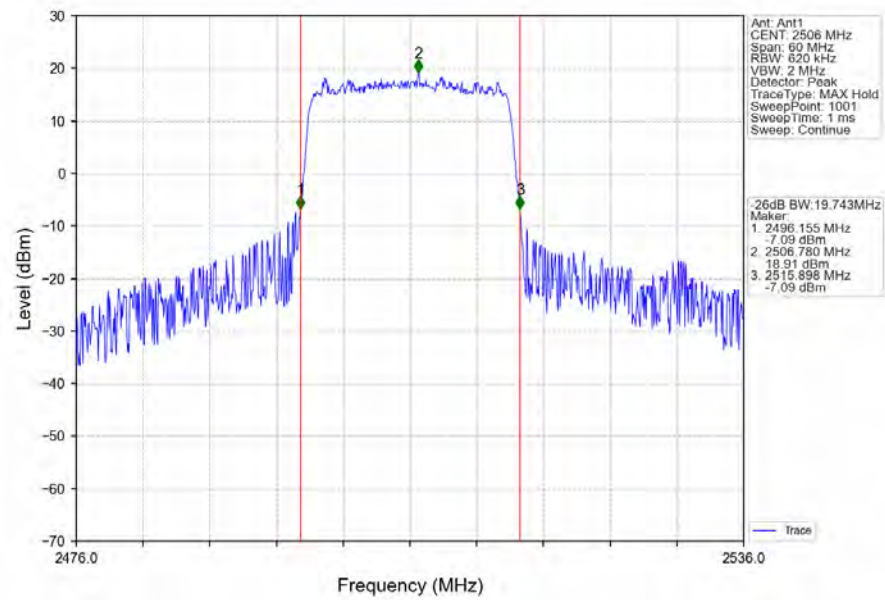
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



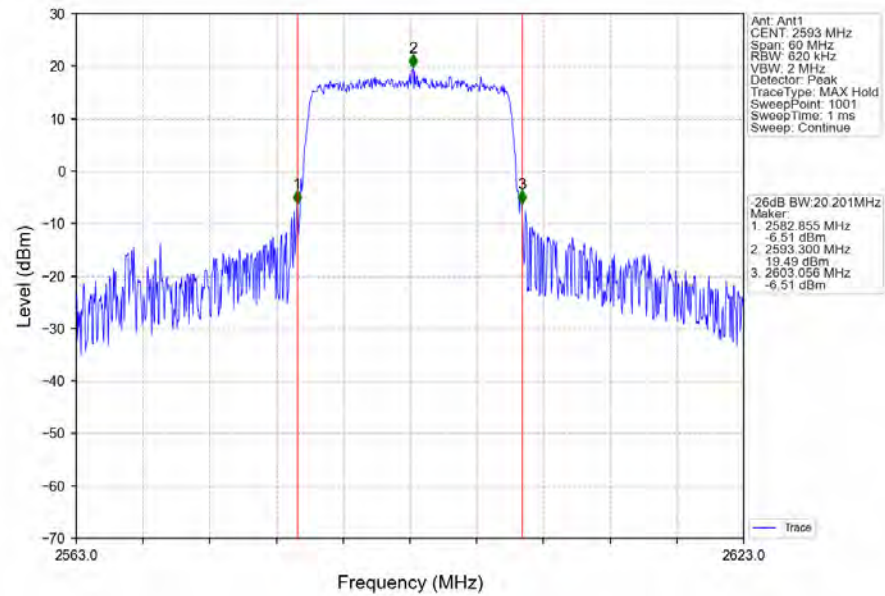
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



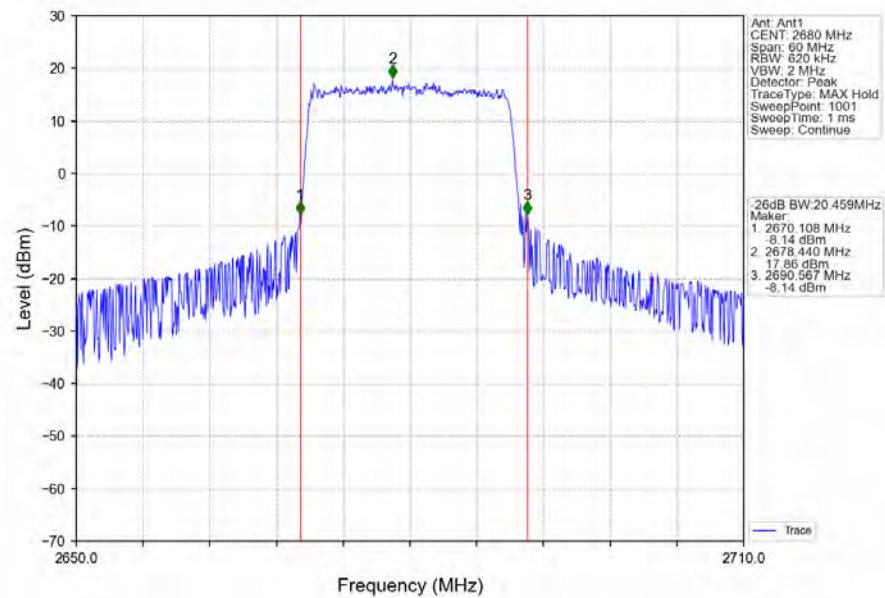
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTNV



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



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



5. Peak-Average Ratio

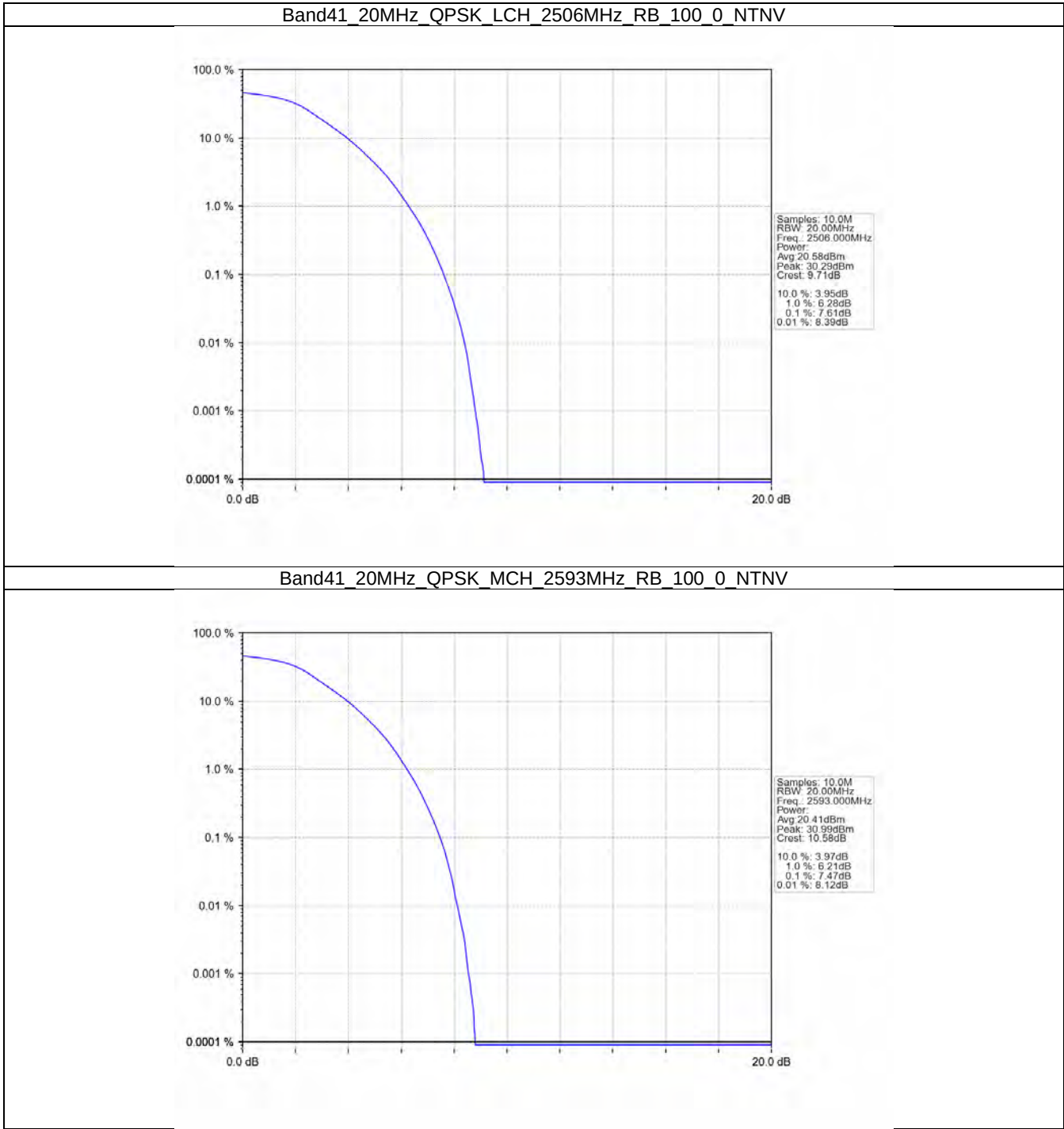
5.1 Test Result

5.1.1 B41_20MHz

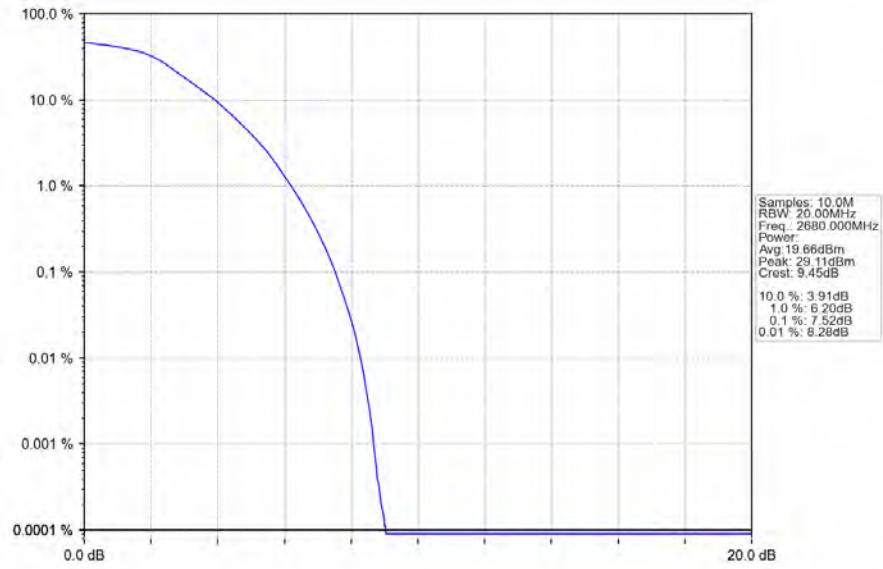
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.61	<=13	Pass
	2593	100	0	7.47	<=13	Pass
	2680	100	0	7.52	<=13	Pass
16QAM	2506	100	0	8.63	<=13	Pass
	2593	100	0	8.07	<=13	Pass
	2680	100	0	8.04	<=13	Pass

5.2 Test Graph

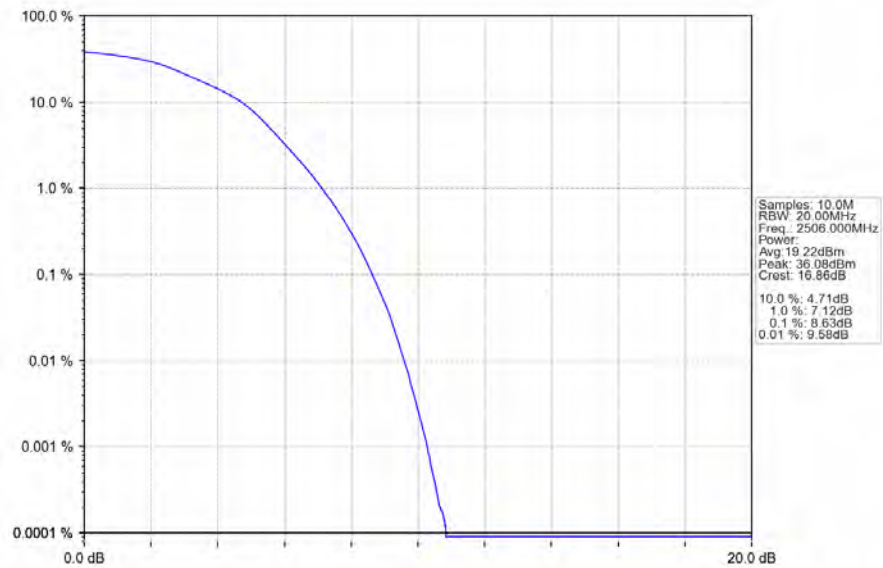
5.2.1 B41_20MHz



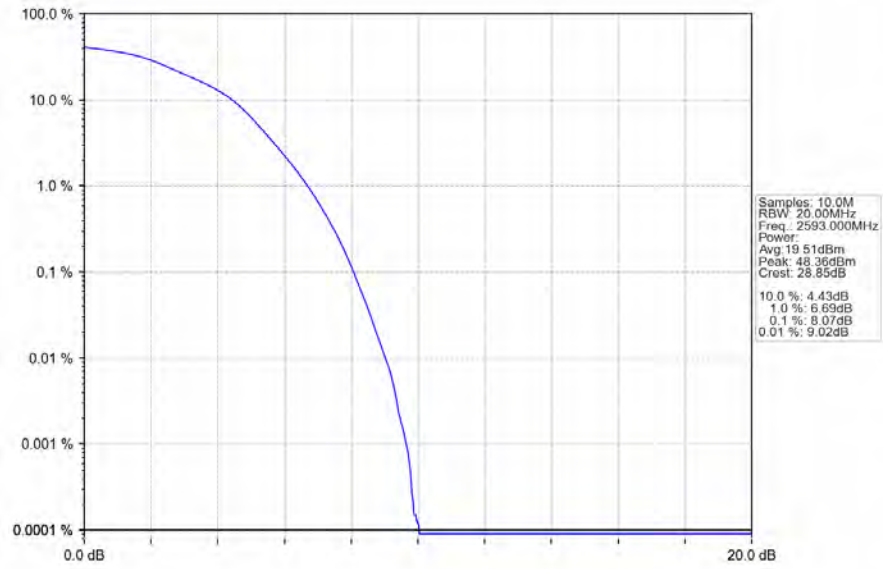
Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTN



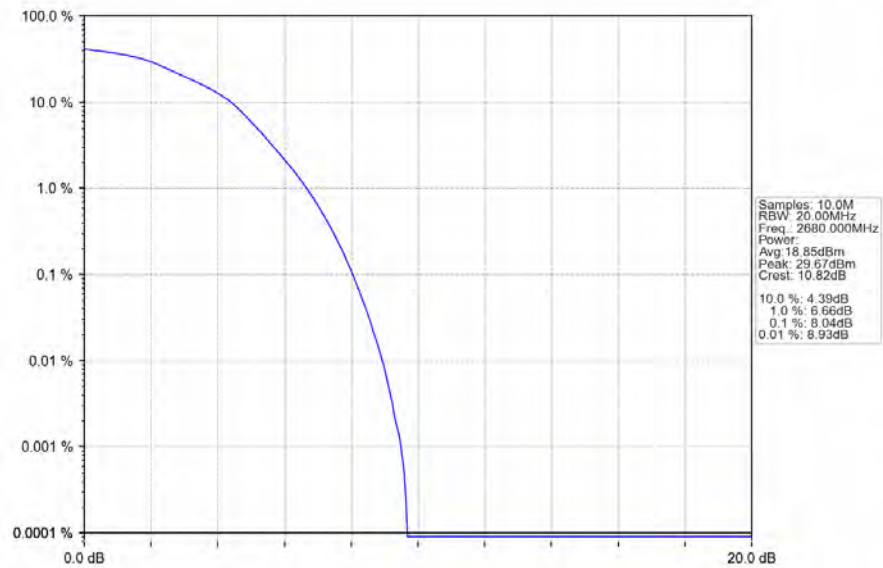
Band41 20MHz 16QAM LCH 2506MHz RB 100 0 NTN



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



6. Spurious Emission & Band Edges

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
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.2 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
	2593	1	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.3 B41_15MHz

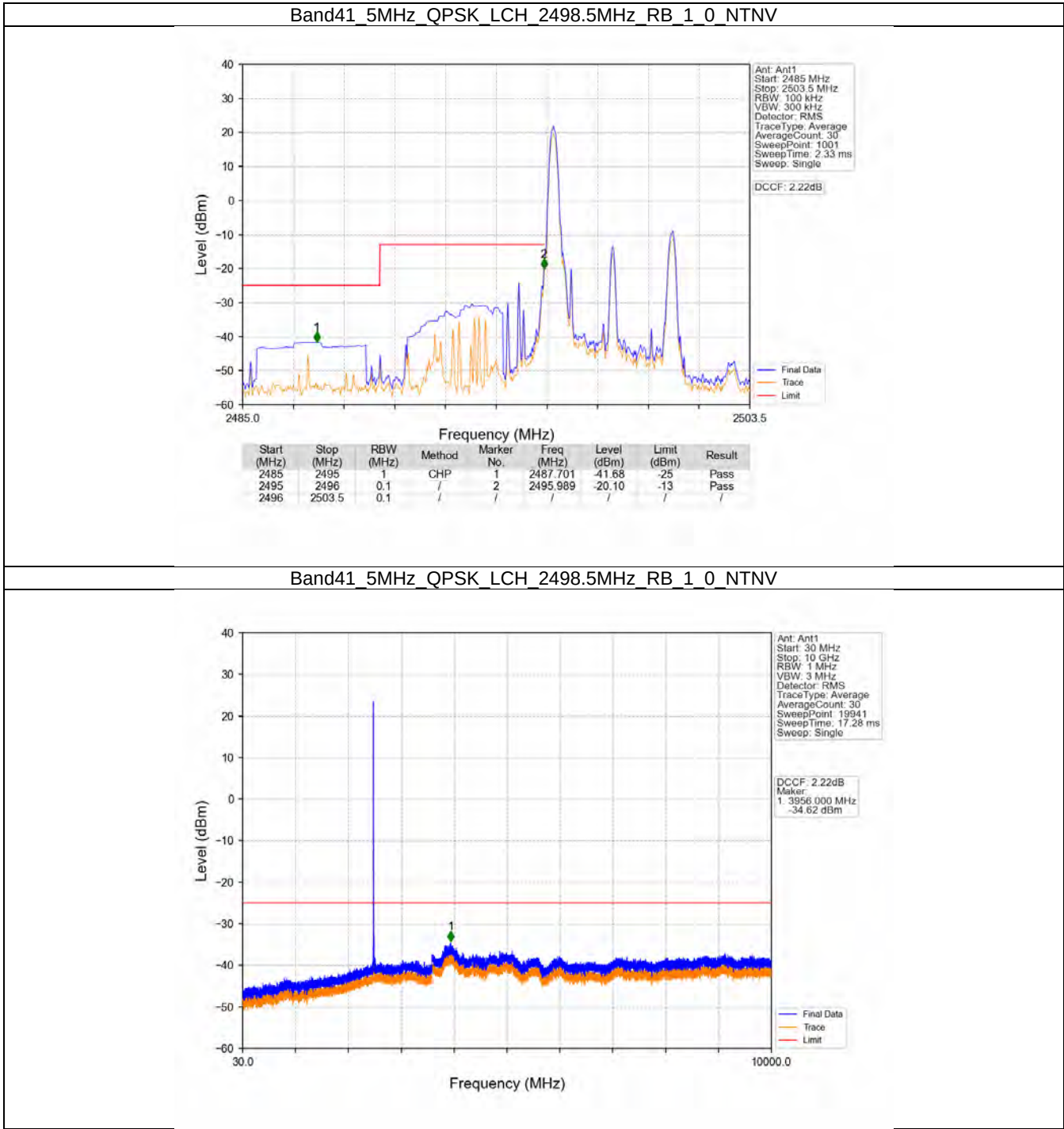
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

6.1.4 B41_20MHz

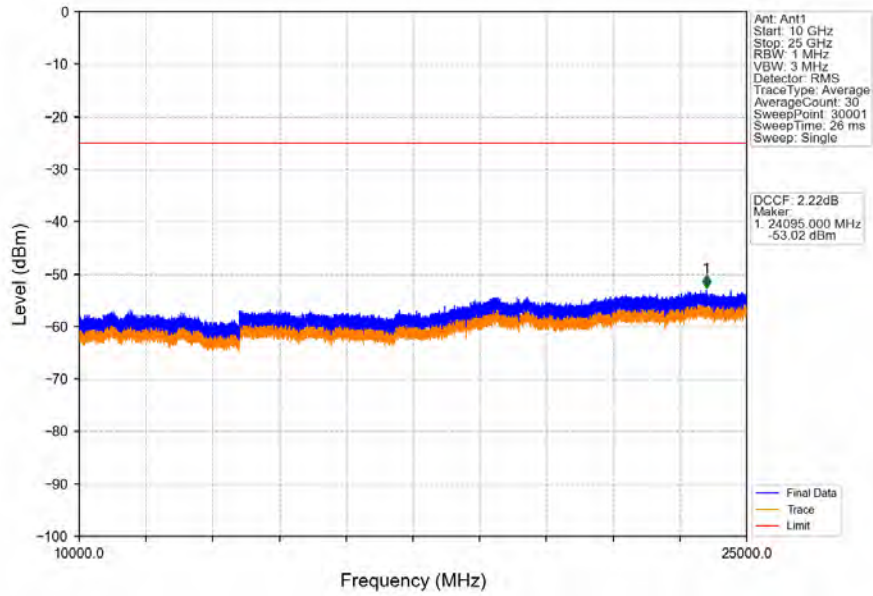
Band: 41 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

6.2 Test Graph

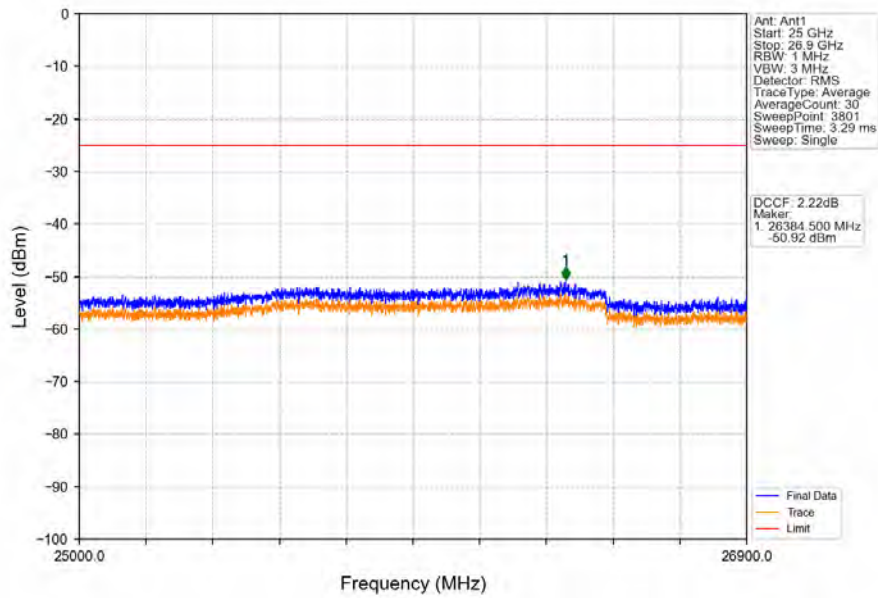
6.2.1 B41_5MHz



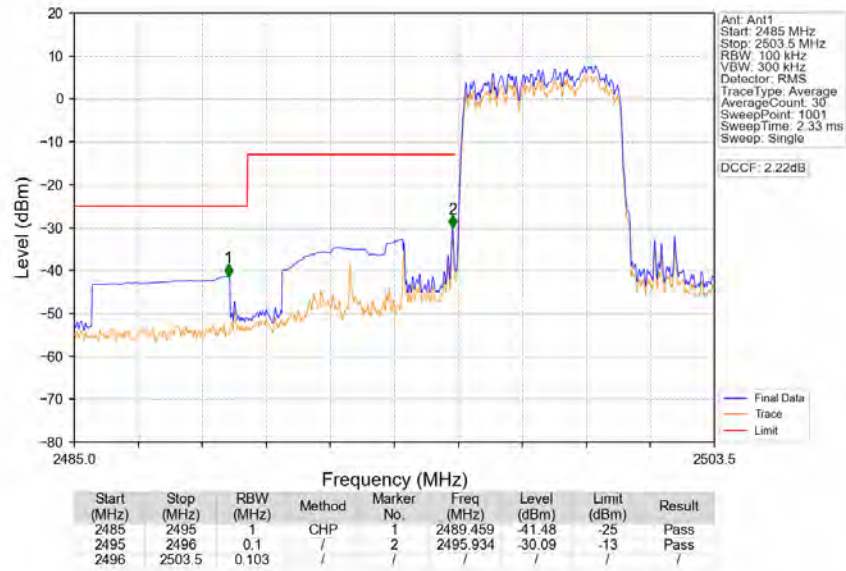
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



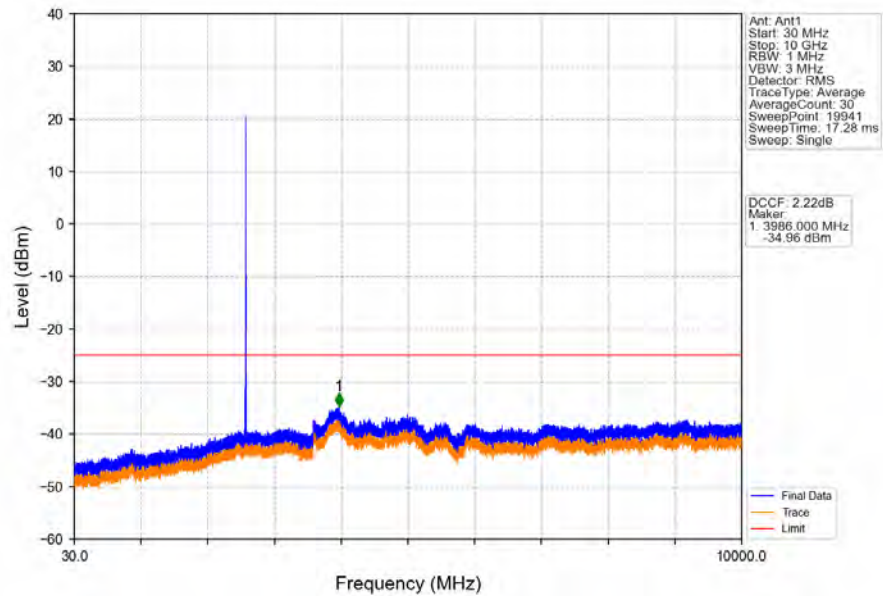
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



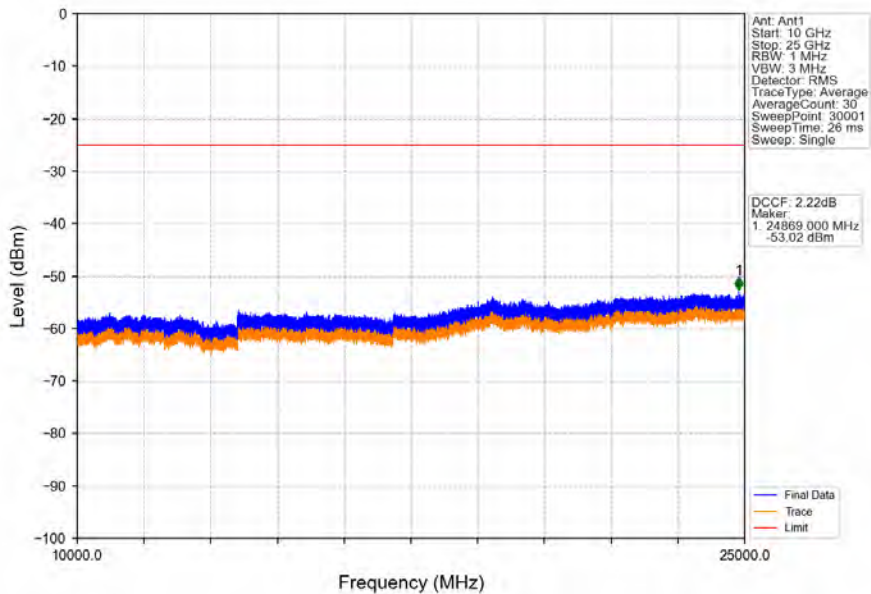
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



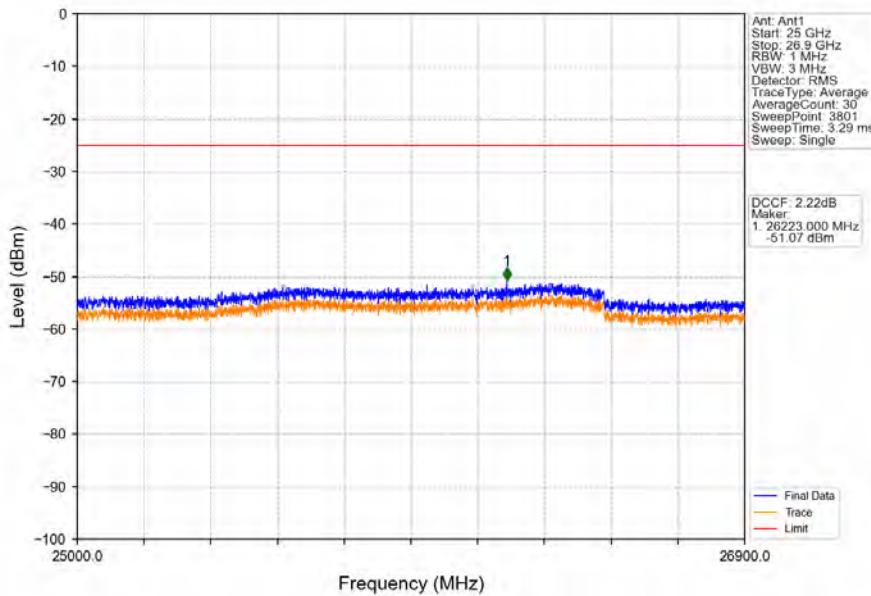
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



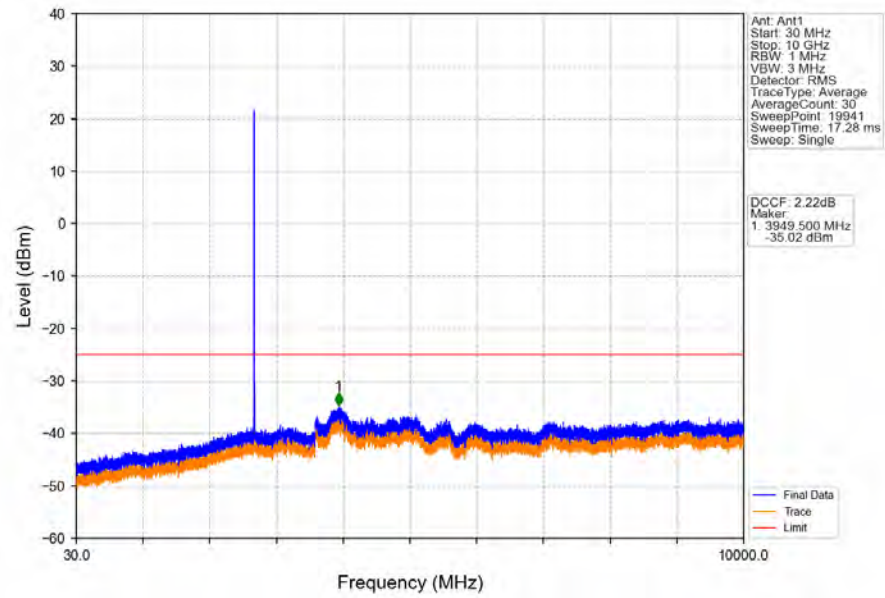
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



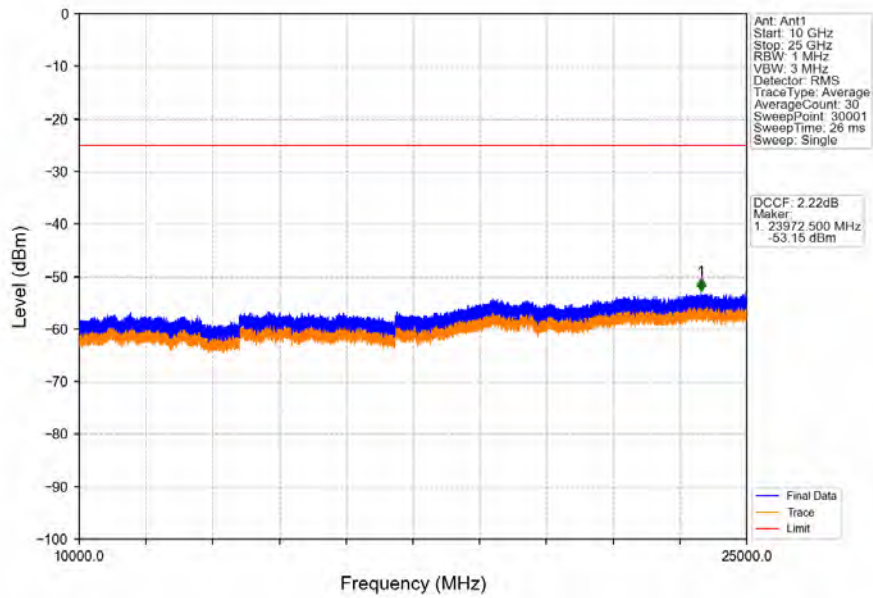
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



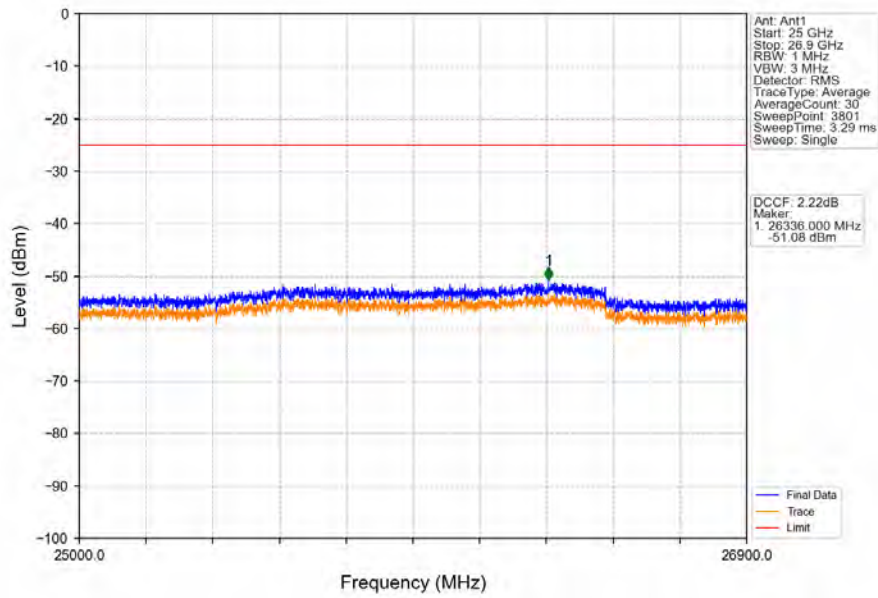
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



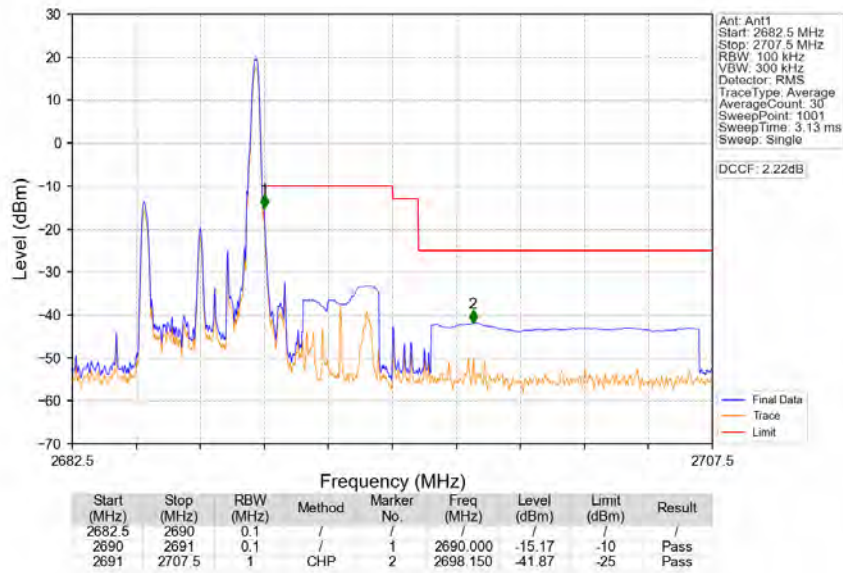
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



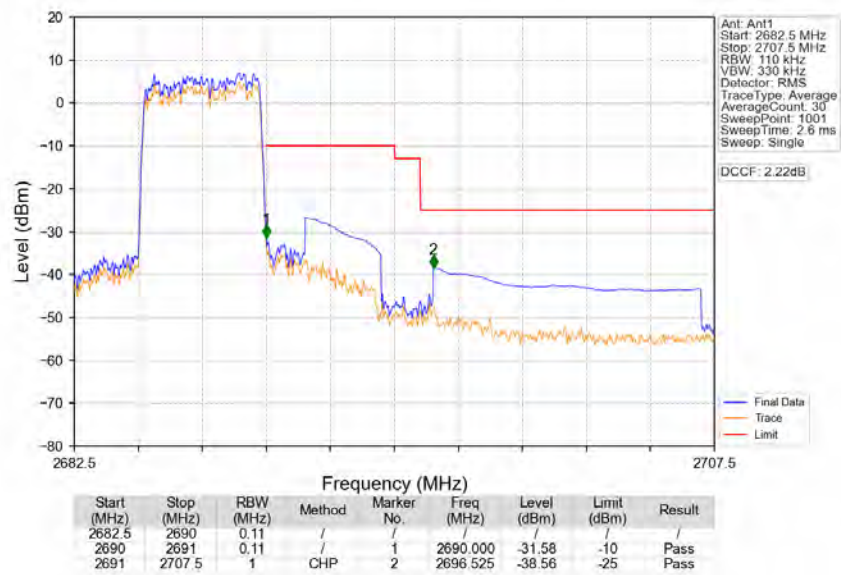
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



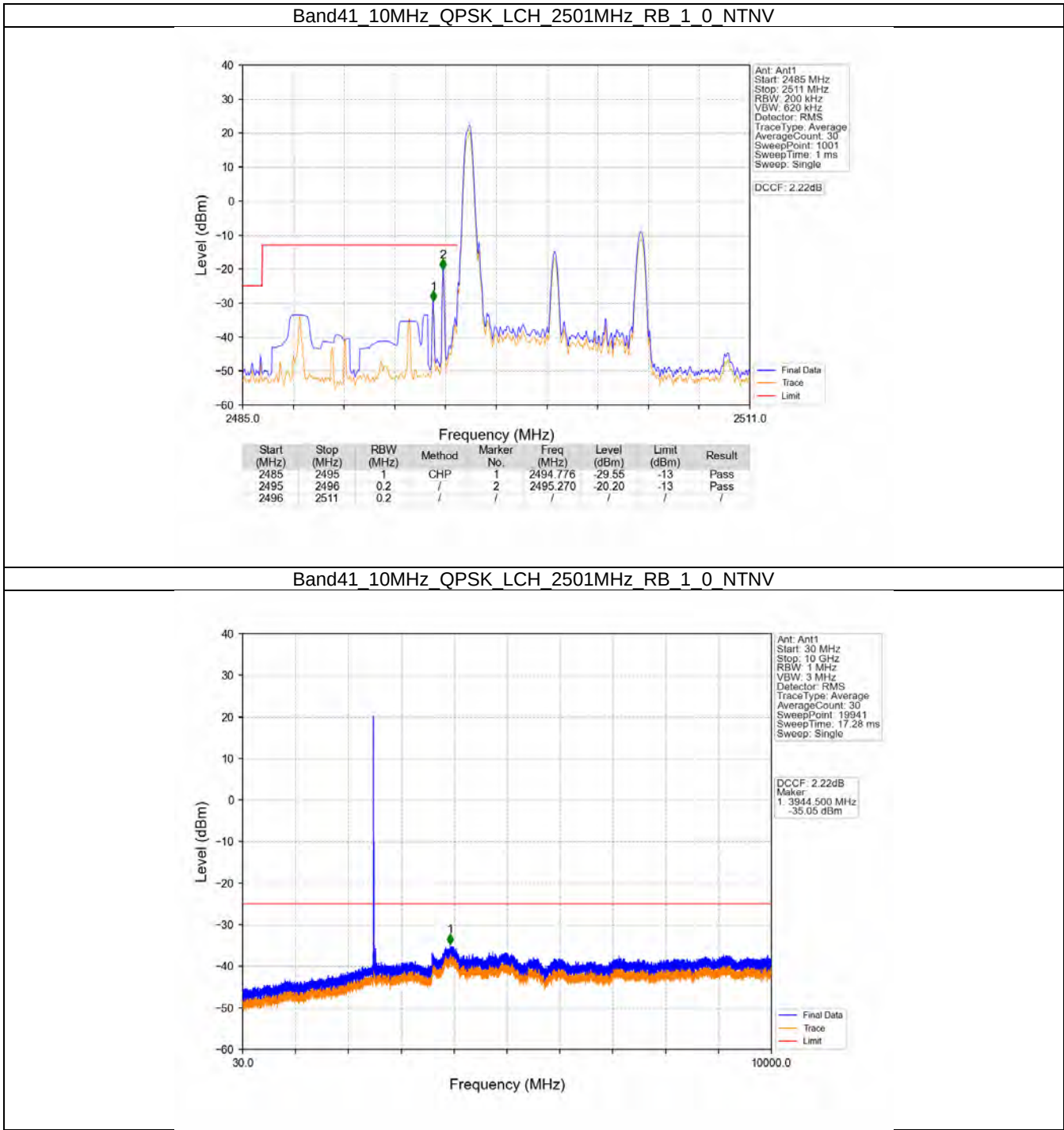
Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTV



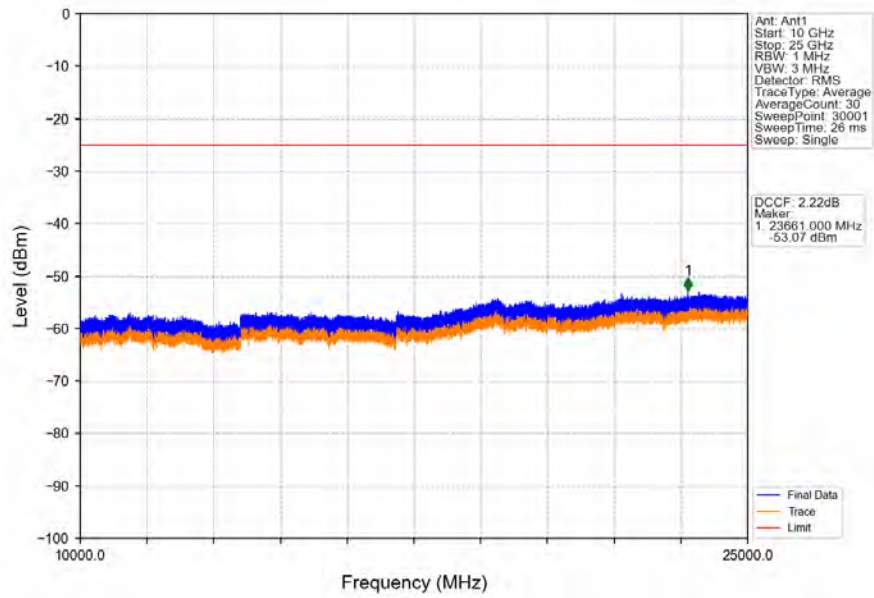
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTNV



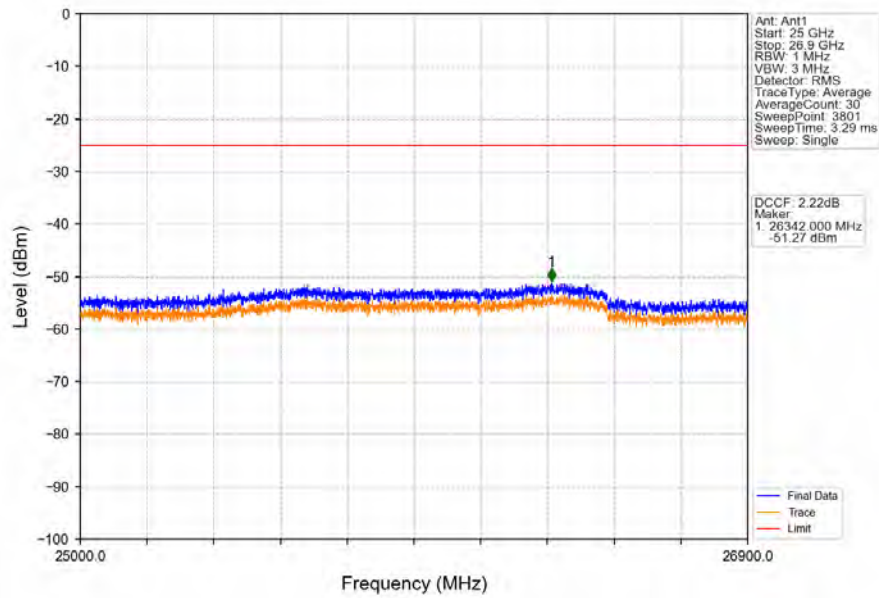
6.2.2 B41_10MHz



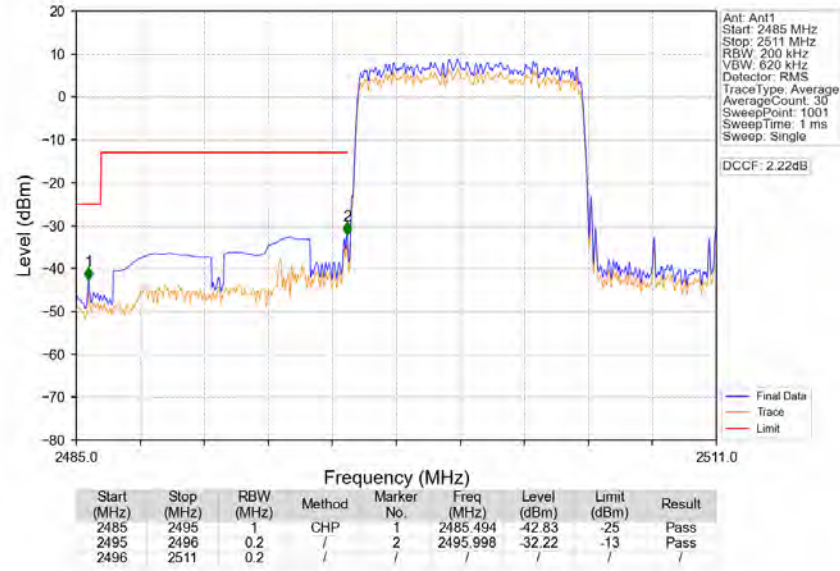
Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTNV



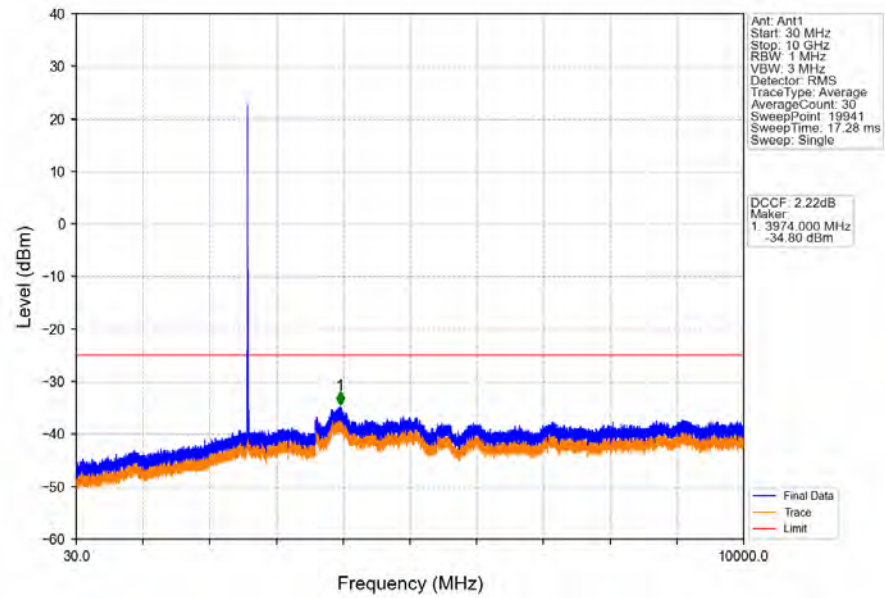
Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTNV



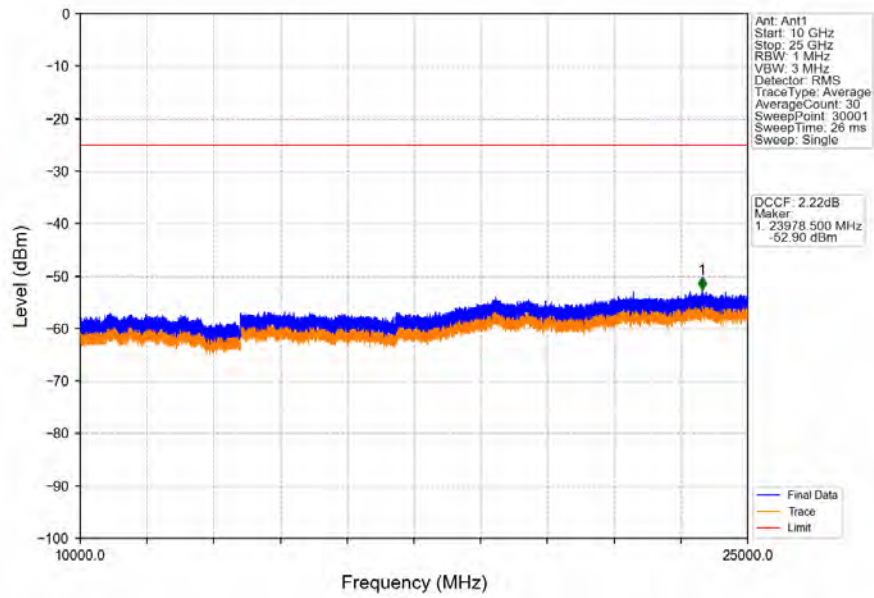
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



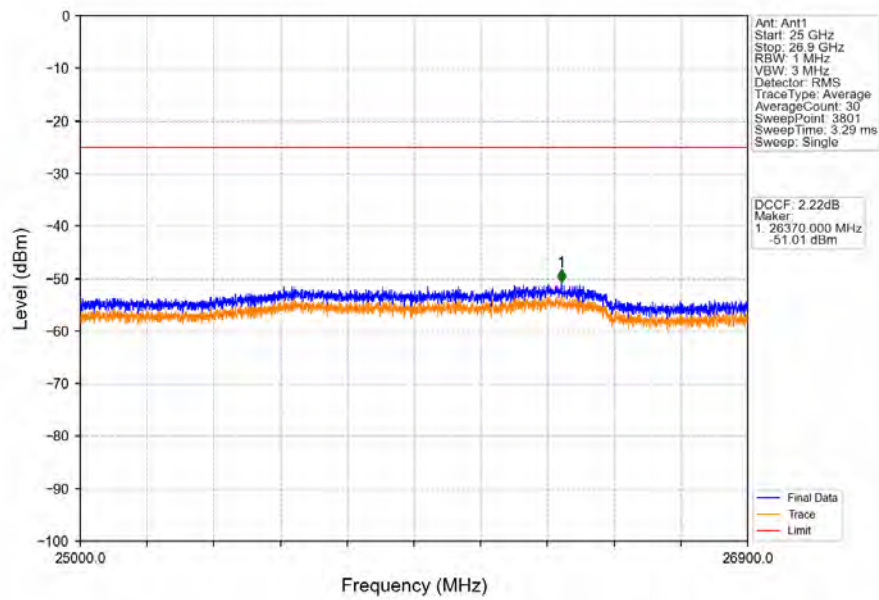
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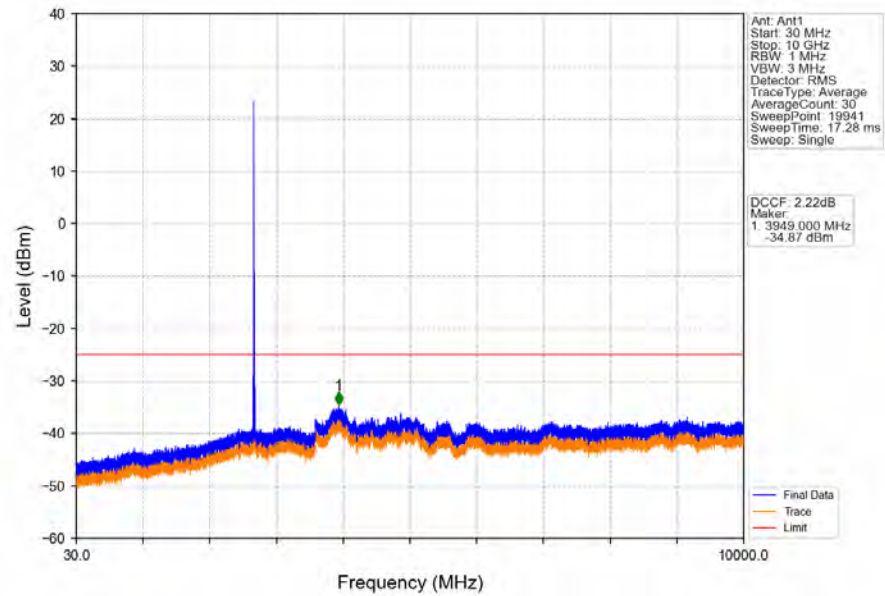
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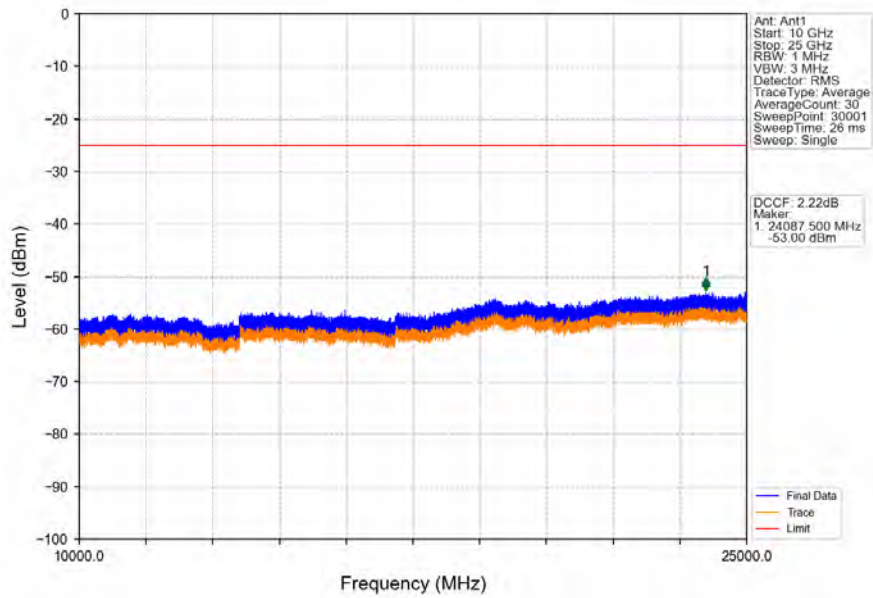
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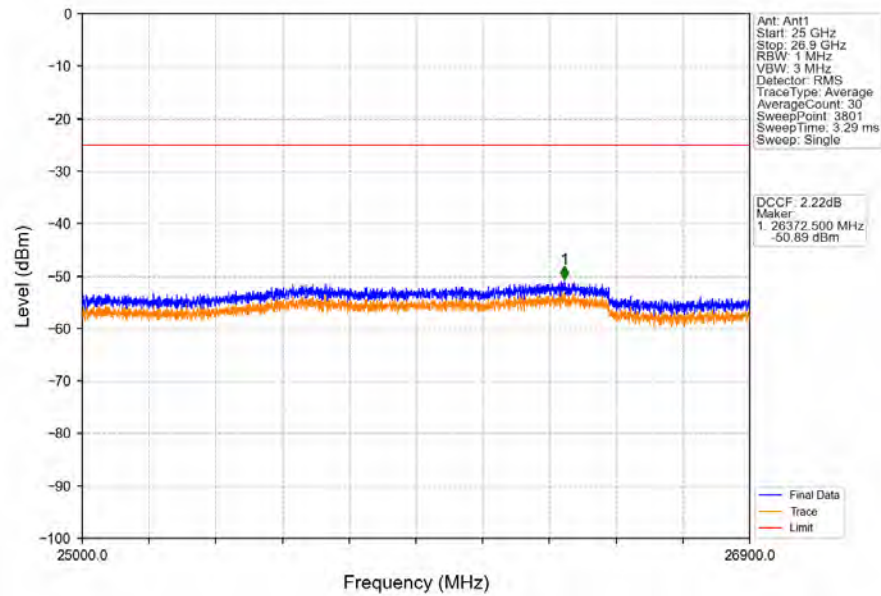
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



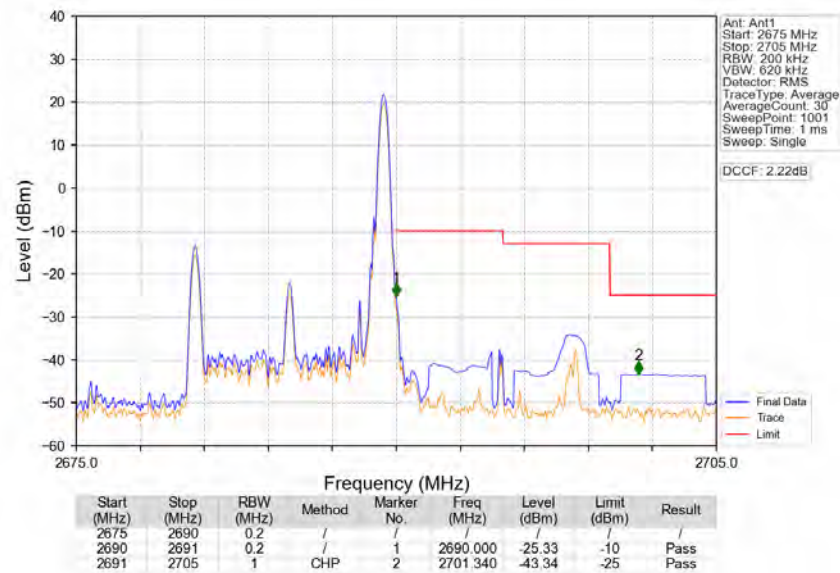
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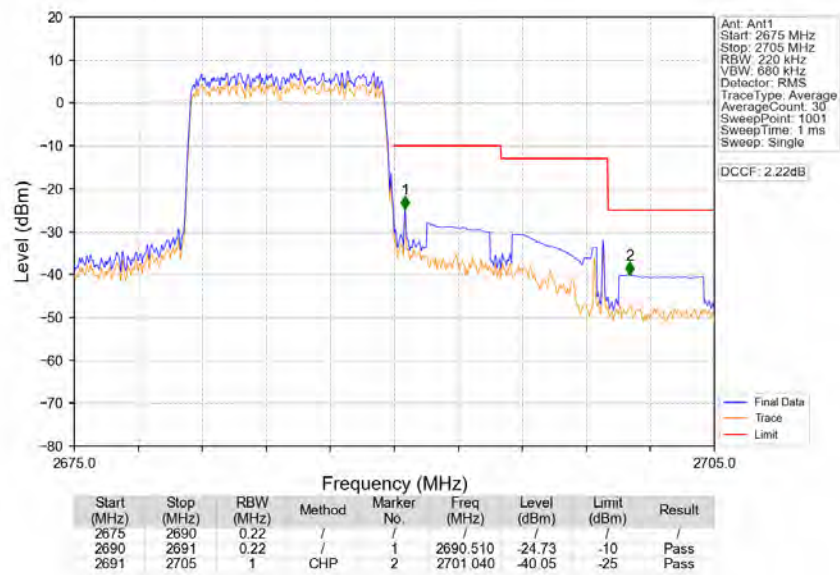
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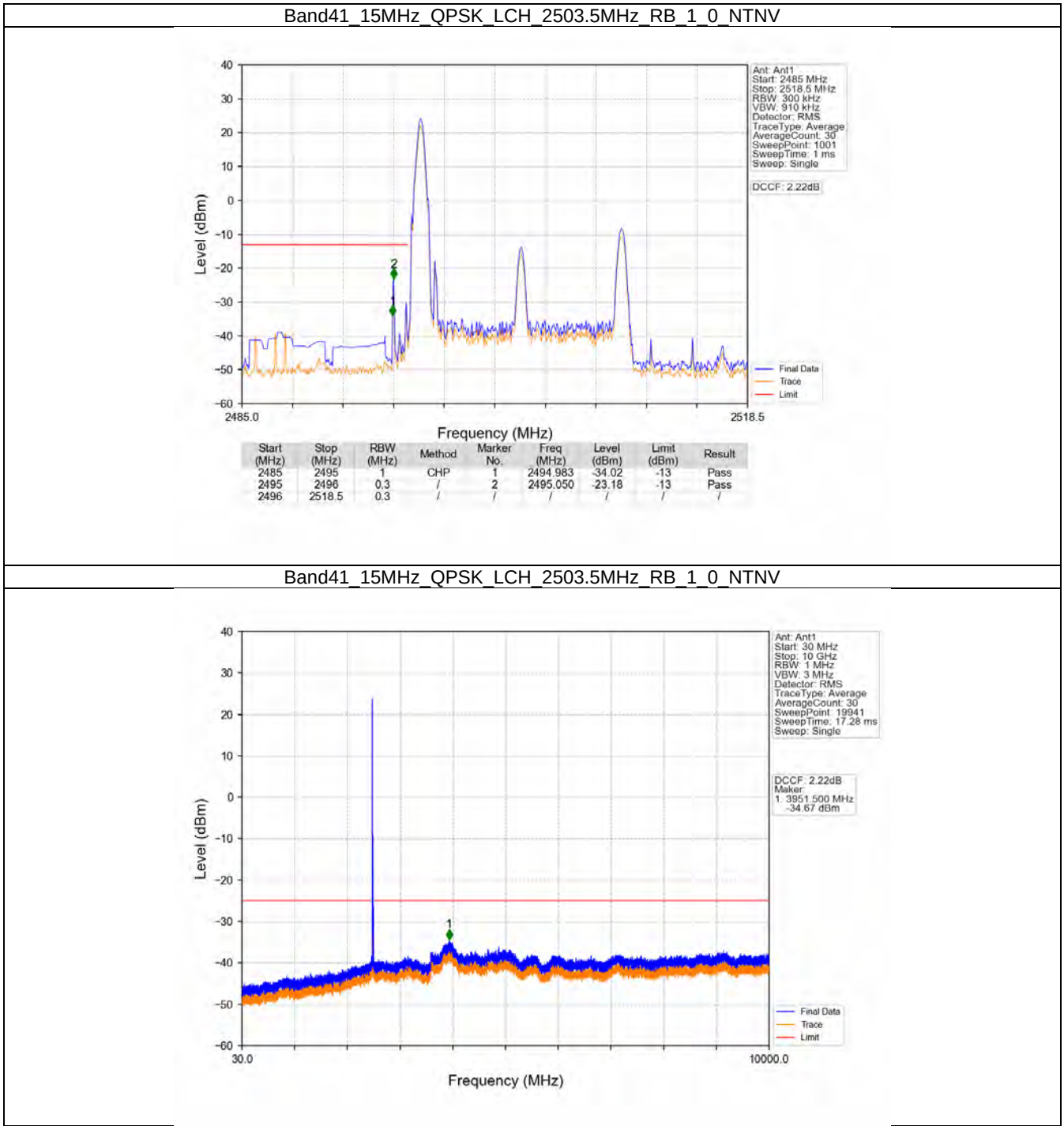
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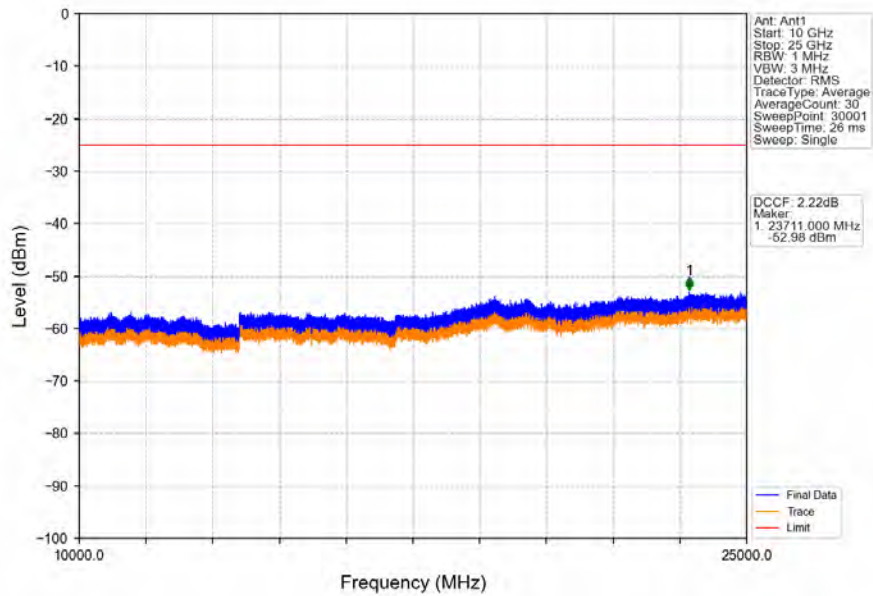
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTNV



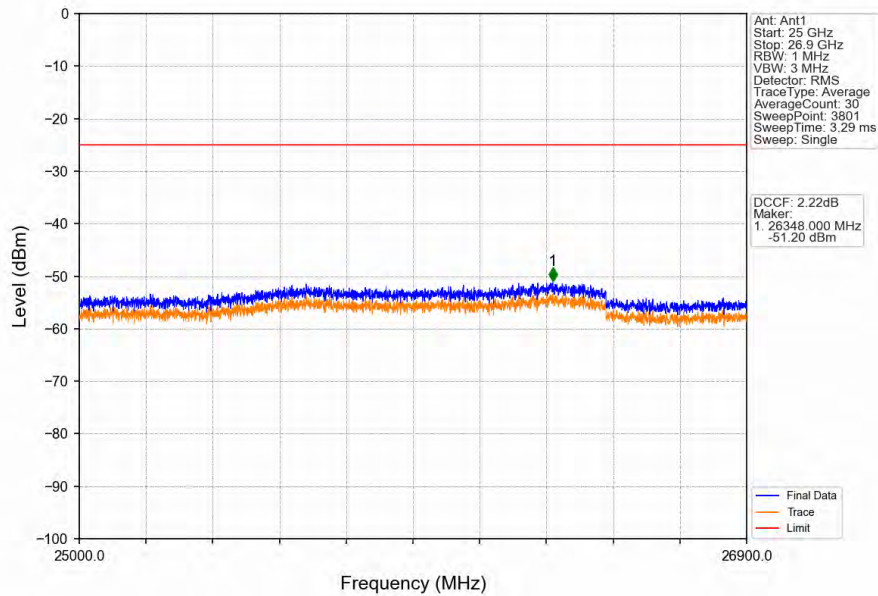
6.2.3 B41_15MHz



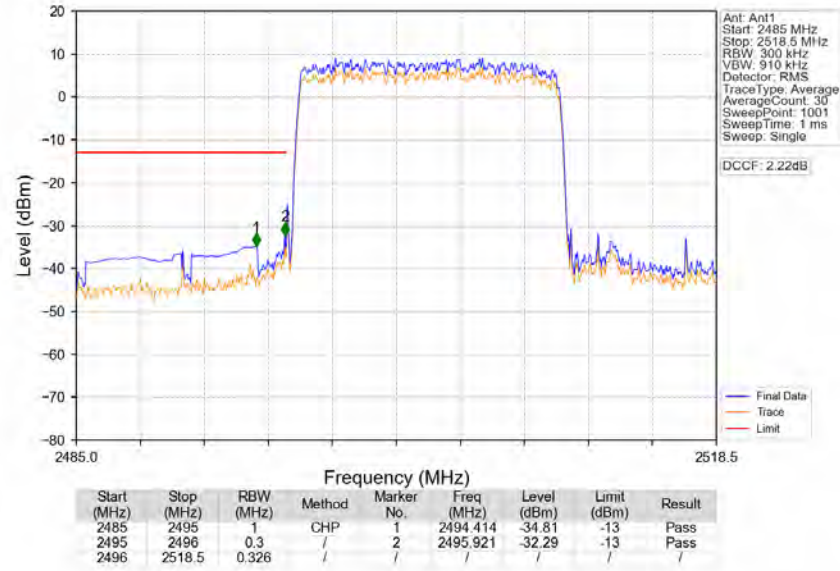
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



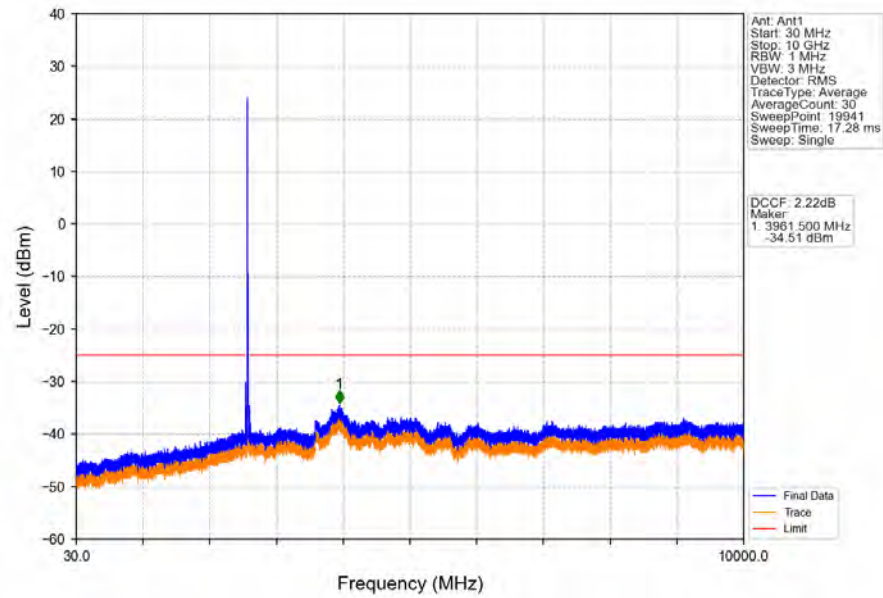
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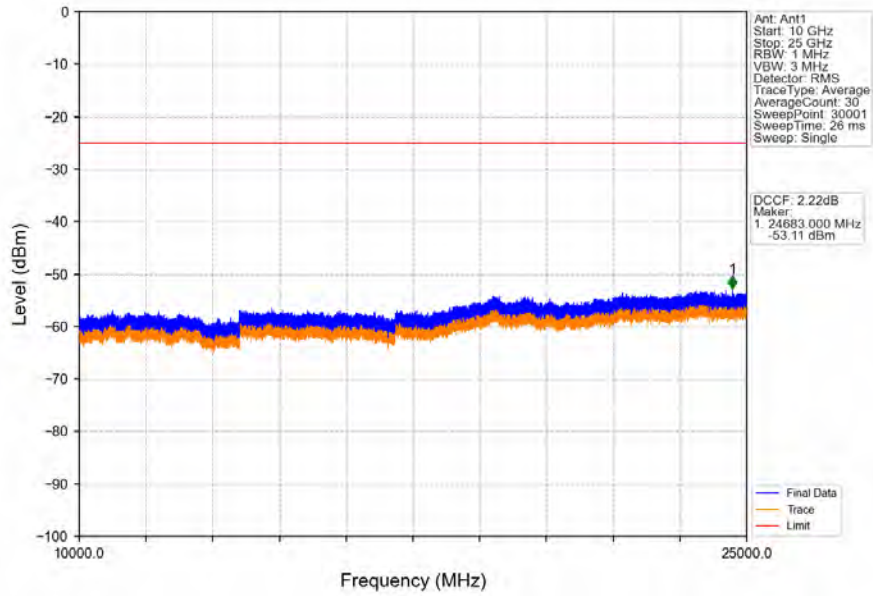
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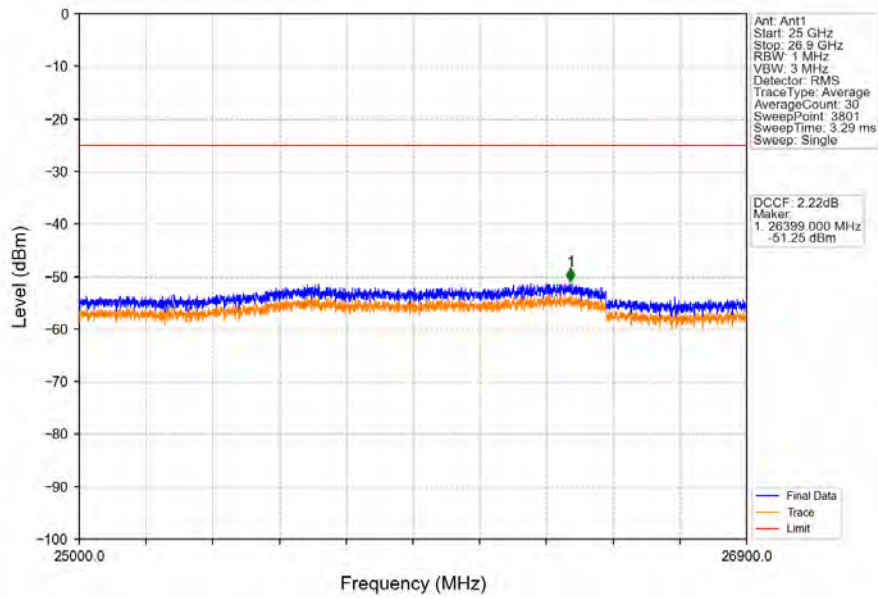
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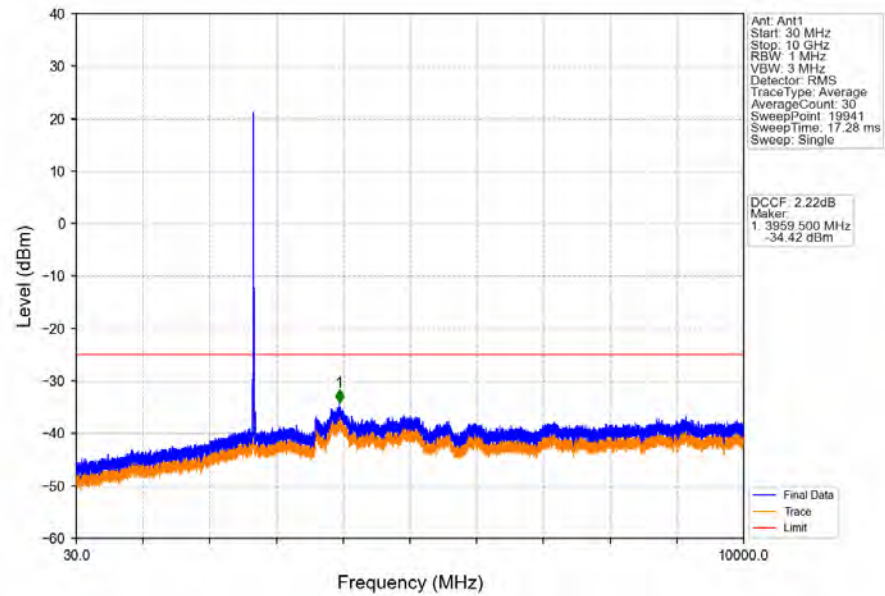
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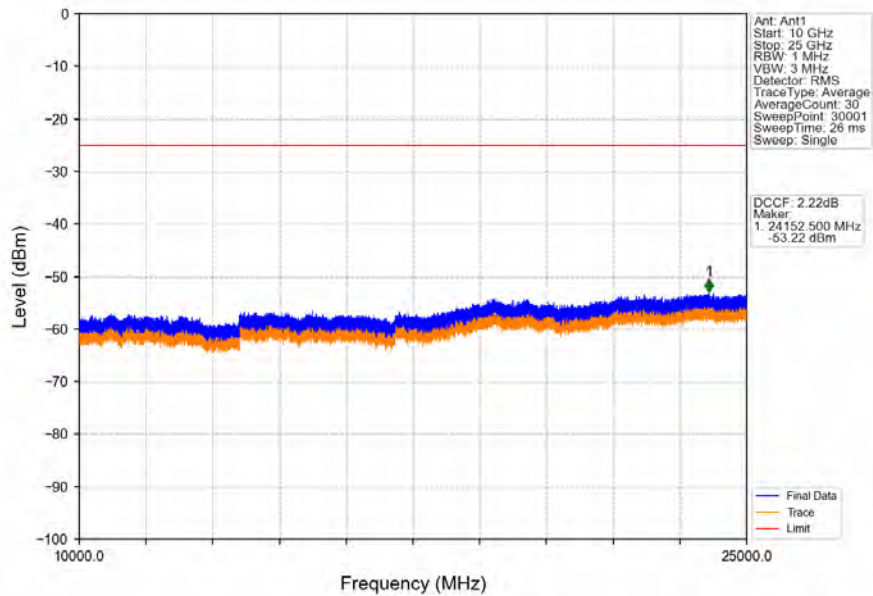
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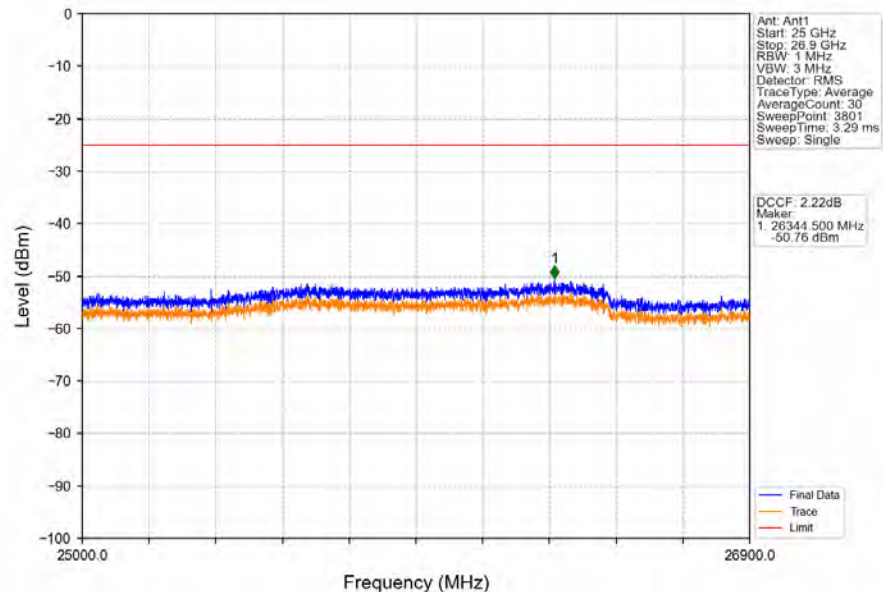
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



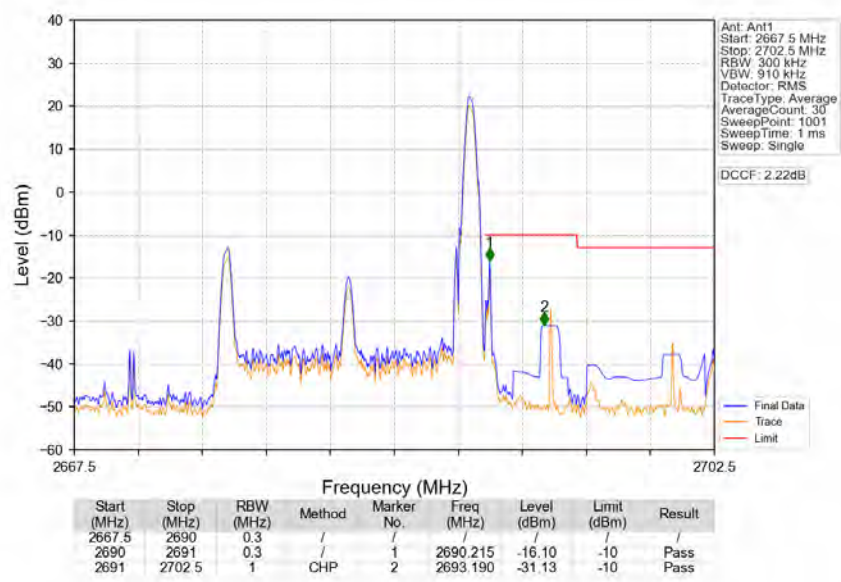
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



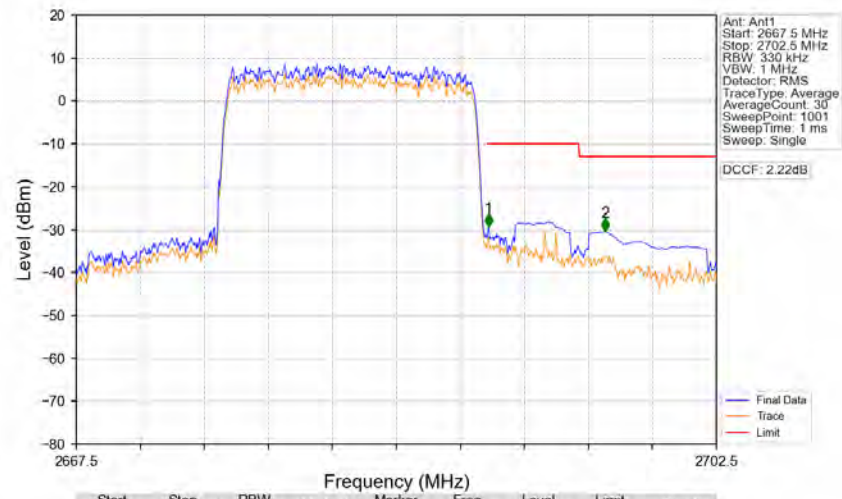
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV

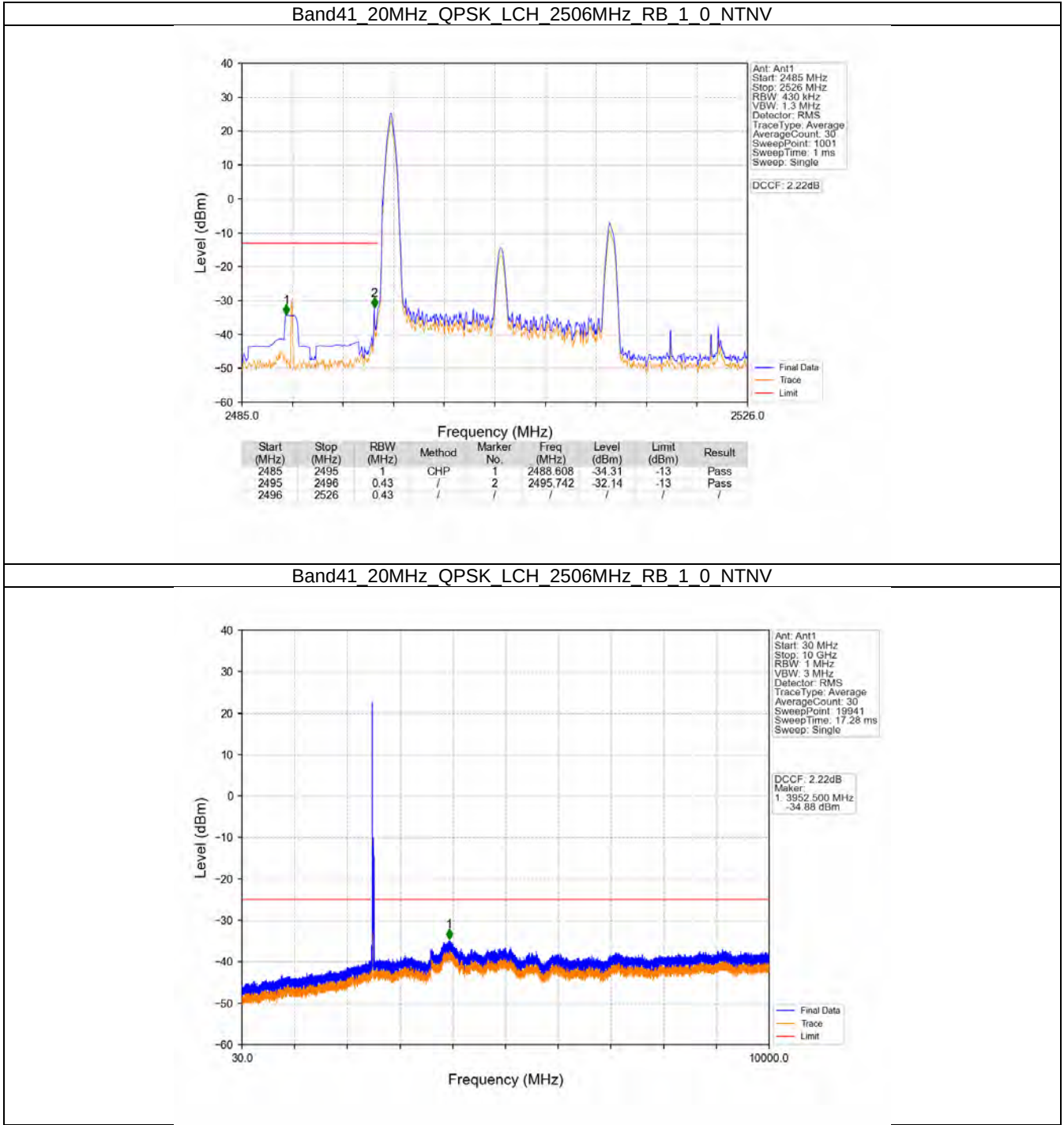


Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTN

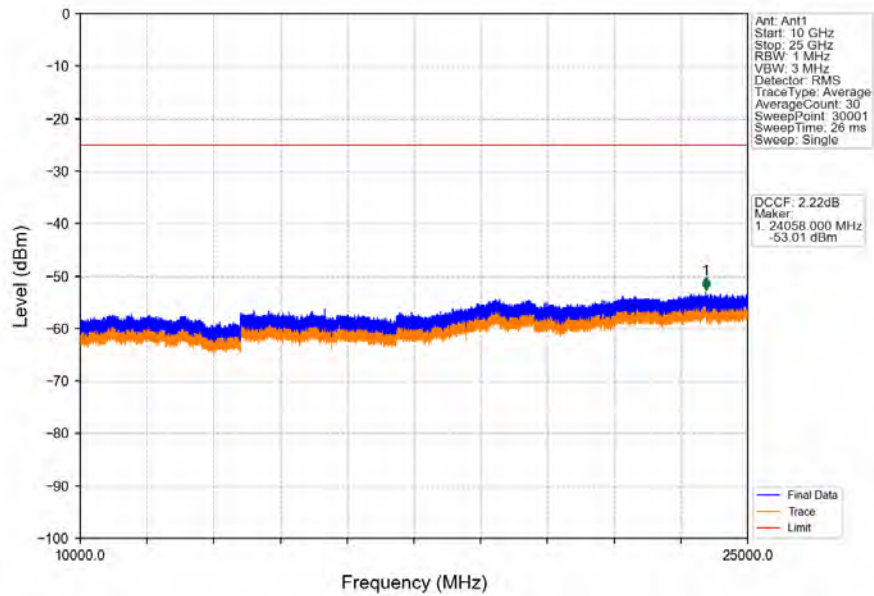


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.33	/	1	2690.040	-29.37	-10	Pass
2690	2691	0.33	/	2	2696.410	-30.52	-13	Pass
2691	2702.5	1	CHP					

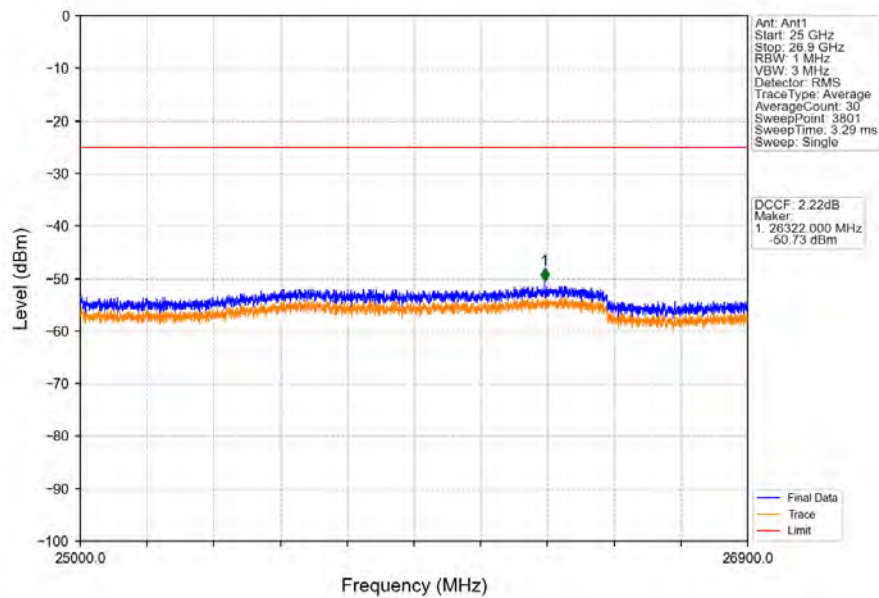
6.2.4 B41_20MHz



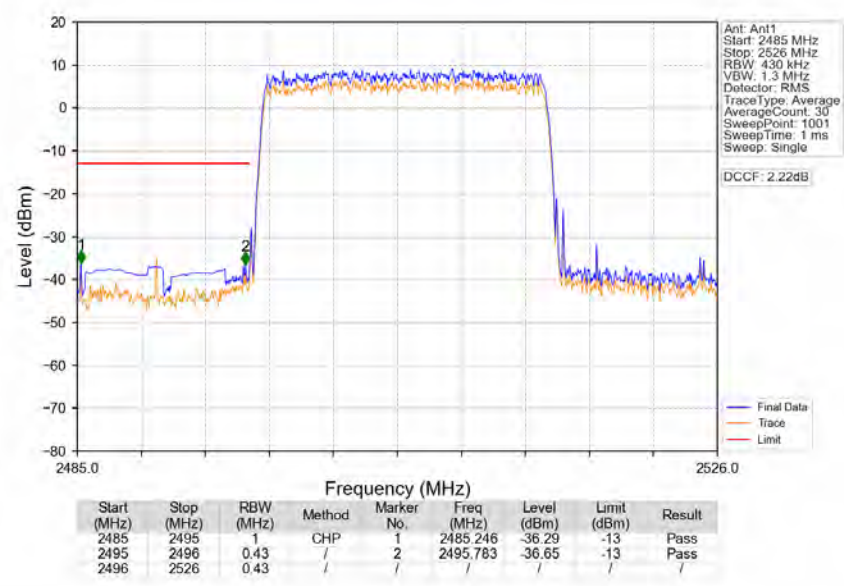
Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTNV



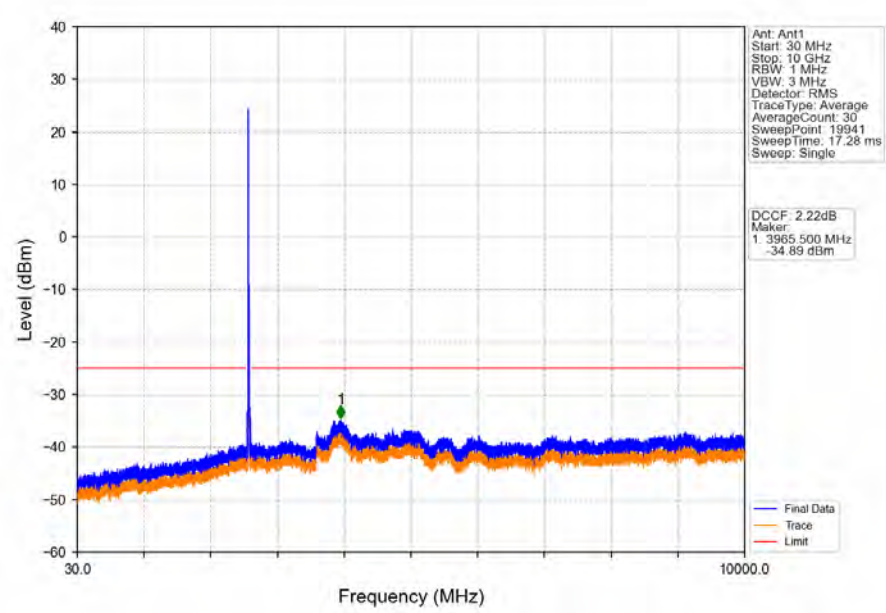
Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTNV



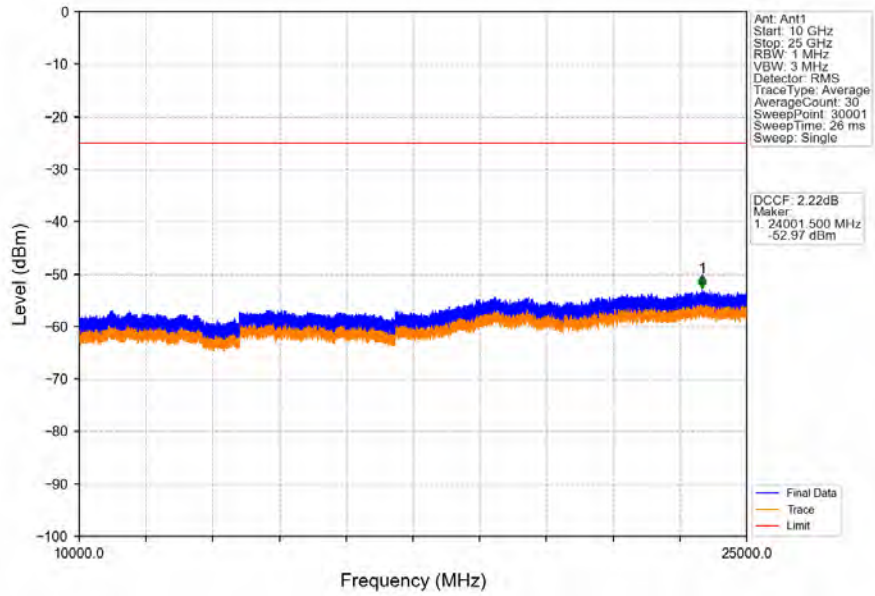
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



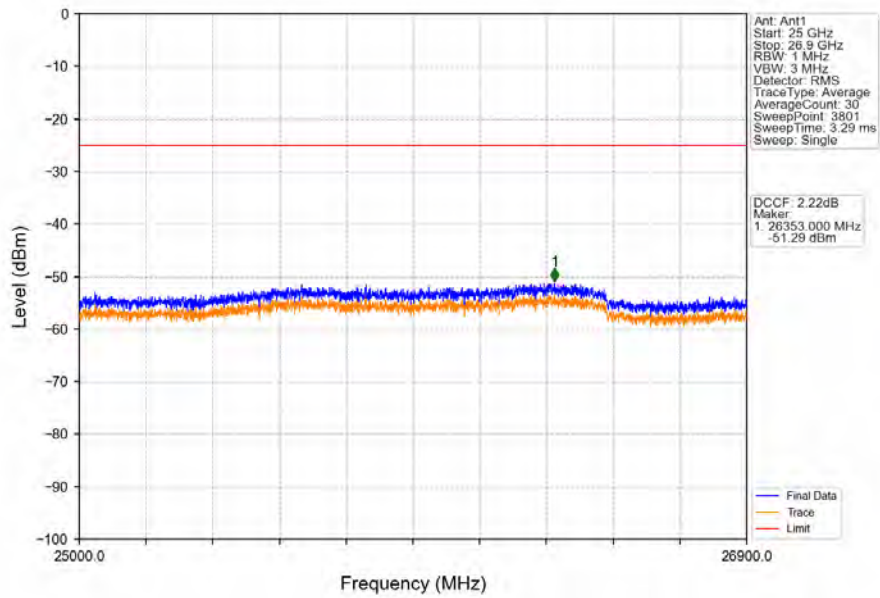
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



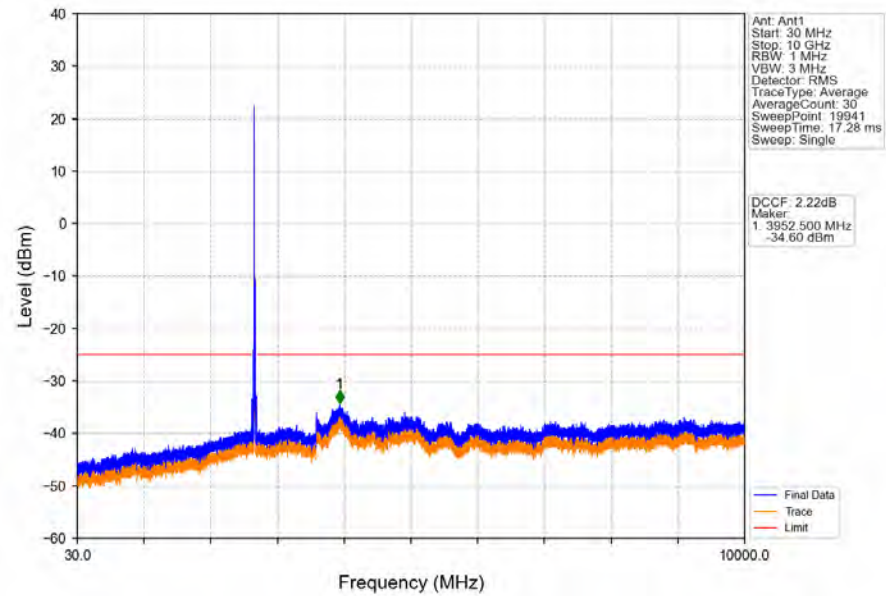
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



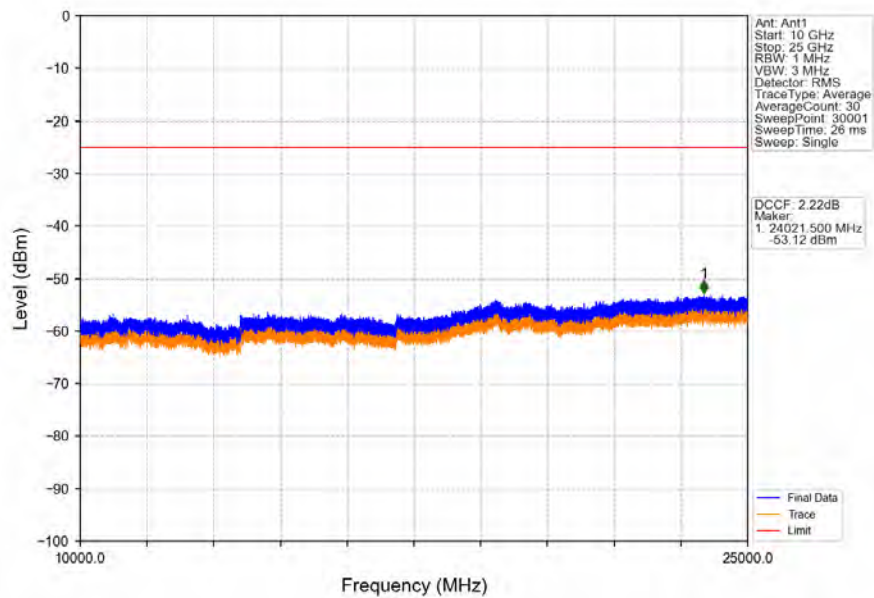
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



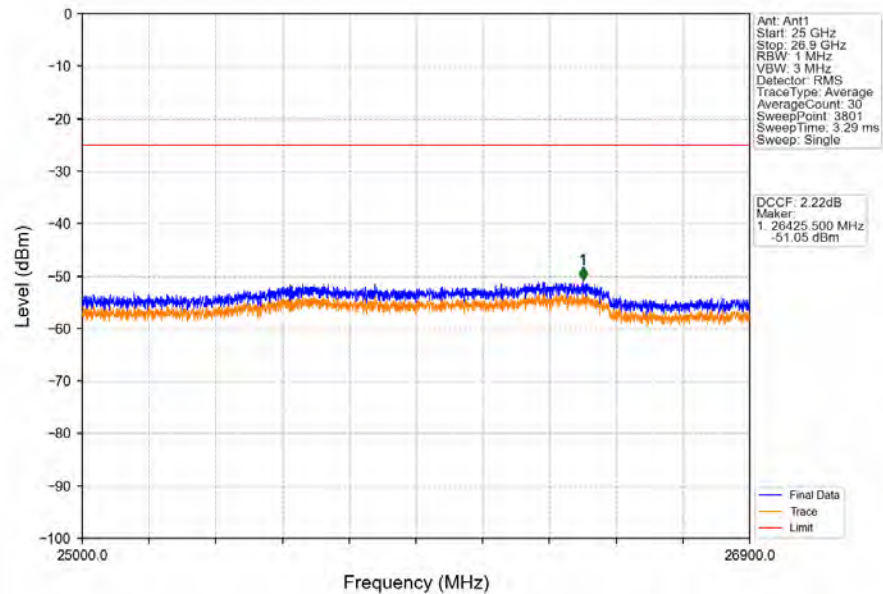
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV



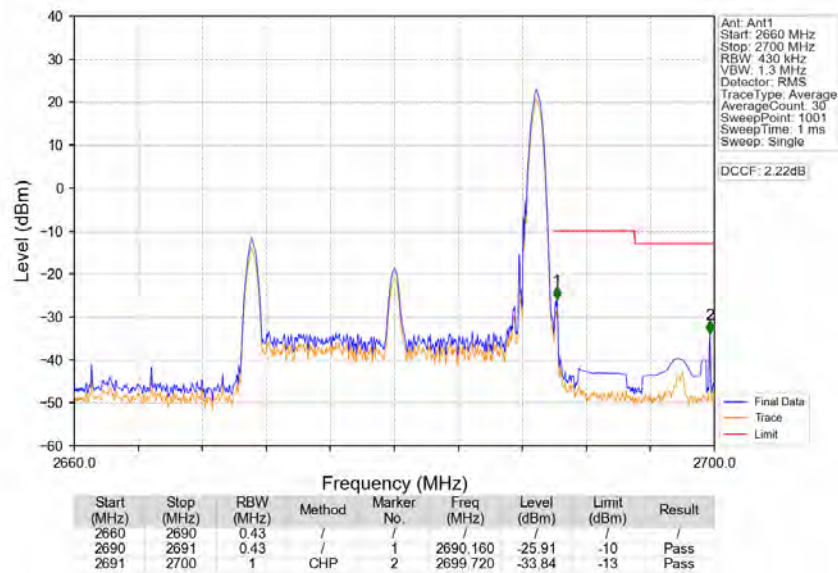
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV



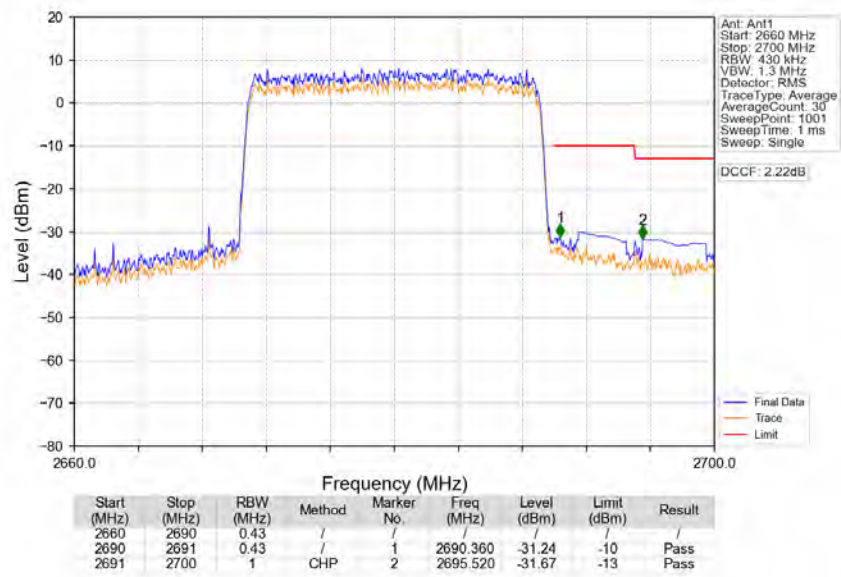
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



---End of Attachment---