1. Effective (Isotropic) Radiated Power Output Data

1.1 B41_5MHz_EIRP

1.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2552.5	1	0	22.91	1.12	24.03	<=33.01	Pass
			13	22.61	1.12	23.73	<=33.01	Pass
			24	22.49	1.12	23.61	<=33.01	Pass
		12	0	21.43	1.12	22.55	<=33.01	Pass
			6	21.55	1.12	22.67	<=33.01	Pass
			13	21.41	1.12	22.53	<=33.01	Pass
		25	0	21.55	1.12	22.67	<=33.01	Pass
	2600	1	0	22.71	1.12	23.83	<=33.01	Pass
			13	22.91	1.12	24.03	<=33.01	Pass
			24	22.67	1.12	23.79	<=33.01	Pass
		12	0	21.68	1.12	22.80	<=33.01	Pass
			6	21.81	1.12	22.93	<=33.01	Pass
			13	21.72	1.12	22.84	<=33.01	Pass
		25	0	21.77	1.12	22.89	<=33.01	Pass
	2647.5	1	0	23.27	1.12	24.39	<=33.01	Pass
			13	23.42	1.12	24.54	<=33.01	Pass
			24	23.32	1.12	24.44	<=33.01	Pass
		12	0	22.35	1.12	23.47	<=33.01	Pass
			6	22.43	1.12	23.55	<=33.01	Pass
			13	22.33	1.12	23.45	<=33.01	Pass
		25	0	22.35	1.12	23.47	<=33.01	Pass
16QAM	2552.5	1	0	21.35	1.12	22.47	<=33.01	Pass
			13	21.73	1.12	22.85	<=33.01	Pass
			24	21.39	1.12	22.51	<=33.01	Pass
		12	0	20.49	1.12	21.61	<=33.01	Pass
			6	20.50	1.12	21.62	<=33.01	Pass
			13	20.49	1.12	21.61	<=33.01	Pass
		25	0	20.52	1.12	21.64	<=33.01	Pass
	2600	1	0	21.60	1.12	22.72	<=33.01	Pass
			13	21.98	1.12	23.10	<=33.01	Pass
			24	21.67	1.12	22.79	<=33.01	Pass
		12	0	20.69	1.12	21.81	<=33.01	Pass
			6	20.84	1.12	21.96	<=33.01	Pass
			13	20.66	1.12	21.78	<=33.01	Pass
		25	0	20.63	1.12	21.75	<=33.01	Pass
	2647.5	1	0	22.22	1.12	23.34	<=33.01	Pass
			13	22.46	1.12	23.58	<=33.01	Pass
			24	22.33	1.12	23.45	<=33.01	Pass
		12	0	21.33	1.12	22.45	<=33.01	Pass
			6	21.38	1.12	22.50	<=33.01	Pass
			13	21.30	1.12	22.42	<=33.01	Pass
		25	0	21.35	1.12	22.47	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B41_10MHz_EIRP

1.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2555	1	0	22.53	1.12	23.65	<=33.01	Pass
			25	22.81	1.12	23.93	<=33.01	Pass
			49	22.56	1.12	23.68	<=33.01	Pass
		25	0	21.60	1.12	22.72	<=33.01	Pass
			13	21.56	1.12	22.68	<=33.01	Pass
			25	21.58	1.12	22.70	<=33.01	Pass
		50	0	21.57	1.12	22.69	<=33.01	Pass
	2600	1	0	22.79	1.12	23.91	<=33.01	Pass
			25	23.09	1.12	24.21	<=33.01	Pass
			49	22.78	1.12	23.90	<=33.01	Pass
		25	0	21.87	1.12	22.99	<=33.01	Pass
			13	21.85	1.12	22.97	<=33.01	Pass
			25	21.82	1.12	22.94	<=33.01	Pass
		50	0	21.85	1.12	22.97	<=33.01	Pass
	2645	1	0	23.33	1.12	24.45	<=33.01	Pass
			25	23.59	1.12	24.71	<=33.01	Pass
			49	23.43	1.12	24.55	<=33.01	Pass
		25	0	22.34	1.12	23.46	<=33.01	Pass
			13	22.47	1.12	23.59	<=33.01	Pass
			25	22.40	1.12	23.52	<=33.01	Pass
		50	0	22.39	1.12	23.51	<=33.01	Pass
16QAM	2555	1	0	21.56	1.12	22.68	<=33.01	Pass
			25	21.56	1.12	22.68	<=33.01	Pass
			49	21.50	1.12	22.62	<=33.01	Pass
		25	0	20.61	1.12	21.73	<=33.01	Pass
			13	20.55	1.12	21.67	<=33.01	Pass
			25	20.56	1.12	21.68	<=33.01	Pass
		50	0	20.59	1.12	21.71	<=33.01	Pass
	2600	1	0	21.60	1.12	22.72	<=33.01	Pass
			25	21.85	1.12	22.97	<=33.01	Pass
			49	21.64	1.12	22.76	<=33.01	Pass
		25	0	20.78	1.12	21.90	<=33.01	Pass
			13	20.85	1.12	21.97	<=33.01	Pass
			25	20.77	1.12	21.89	<=33.01	Pass
		50	0	20.80	1.12	21.92	<=33.01	Pass
	2645	1	0	22.28	1.12	23.40	<=33.01	Pass
			25	22.62	1.12	23.74	<=33.01	Pass
			49	22.34	1.12	23.46	<=33.01	Pass
		25	0	21.34	1.12	22.46	<=33.01	Pass
			13	21.47	1.12	22.59	<=33.01	Pass
			25	21.38	1.12	22.50	<=33.01	Pass
		50	0	21.37	1.12	22.49	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B41_15MHz_EIRP

1.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2557.5	1	0	22.31	1.12	23.43	<=33.01	Pass
			38	22.60	1.12	23.72	<=33.01	Pass
			74	22.41	1.12	23.53	<=33.01	Pass
		36	0	21.50	1.12	22.62	<=33.01	Pass
			18	21.65	1.12	22.77	<=33.01	Pass
			39	21.50	1.12	22.62	<=33.01	Pass
		75	0	21.48	1.12	22.60	<=33.01	Pass
	2600	1	0	22.48	1.12	23.60	<=33.01	Pass
			38	22.72	1.12	23.84	<=33.01	Pass
			74	22.50	1.12	23.62	<=33.01	Pass
		36	0	21.58	1.12	22.70	<=33.01	Pass
			18	21.65	1.12	22.77	<=33.01	Pass
			39	21.63	1.12	22.75	<=33.01	Pass
		75	0	21.62	1.12	22.74	<=33.01	Pass
	2642.5	1	0	23.01	1.12	24.13	<=33.01	Pass
			38	23.27	1.12	24.39	<=33.01	Pass
			74	23.13	1.12	24.25	<=33.01	Pass
		36	0	22.23	1.12	23.35	<=33.01	Pass
			18	22.25	1.12	23.37	<=33.01	Pass
			39	22.22	1.12	23.34	<=33.01	Pass
		75	0	22.22	1.12	23.34	<=33.01	Pass
16QAM	2557.5	1	0	21.06	1.12	22.18	<=33.01	Pass
			38	21.40	1.12	22.52	<=33.01	Pass
			74	20.92	1.12	22.04	<=33.01	Pass
		36	0	20.48	1.12	21.60	<=33.01	Pass
			18	20.48	1.12	21.60	<=33.01	Pass
			39	20.40	1.12	21.52	<=33.01	Pass
		75	0	20.40	1.12	21.52	<=33.01	Pass
	2600	1	0	21.26	1.12	22.38	<=33.01	Pass
			38	21.56	1.12	22.68	<=33.01	Pass
			74	21.16	1.12	22.28	<=33.01	Pass
		36	0	20.50	1.12	21.62	<=33.01	Pass
			18	20.63	1.12	21.75	<=33.01	Pass
			39	20.60	1.12	21.72	<=33.01	Pass
		75	0	20.63	1.12	21.75	<=33.01	Pass
	2642.5	1	0	22.04	1.12	23.16	<=33.01	Pass
			38	22.22	1.12	23.34	<=33.01	Pass
			74	22.01	1.12	23.13	<=33.01	Pass
		36	0	21.21	1.12	22.33	<=33.01	Pass
			18	21.25	1.12	22.37	<=33.01	Pass
			39	21.20	1.12	22.32	<=33.01	Pass
		75	0	21.19	1.12	22.31	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B41_20MHz_EIRP

1.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2560	1	0	22.07	1.12	23.19	<=33.01	Pass
			50	22.68	1.12	23.80	<=33.01	Pass

			99	22.19	1.12	23.31	<=33.01	Pass
		50	0	21.39	1.12	22.51	<=33.01	Pass
			25	21.41	1.12	22.53	<=33.01	Pass
			50	21.39	1.12	22.51	<=33.01	Pass
		100	0	21.42	1.12	22.54	<=33.01	Pass
	2600	1	0	22.33	1.12	23.45	<=33.01	Pass
			50	22.82	1.12	23.94	<=33.01	Pass
			99	22.26	1.12	23.38	<=33.01	Pass
		50	0	21.61	1.12	22.73	<=33.01	Pass
			25	21.67	1.12	22.79	<=33.01	Pass
			50	21.58	1.12	22.70	<=33.01	Pass
		100	0	21.62	1.12	22.74	<=33.01	Pass
	2640	1	0	22.78	1.12	23.90	<=33.01	Pass
			50	23.29	1.12	24.41	<=33.01	Pass
			99	23.01	1.12	24.13	<=33.01	Pass
		50	0	22.22	1.12	23.34	<=33.01	Pass
			25	22.20	1.12	23.32	<=33.01	Pass
			50	22.08	1.12	23.20	<=33.01	Pass
		100	0	22.19	1.12	23.31	<=33.01	Pass
16QAM	2560	1	0	21.19	1.12	22.31	<=33.01	Pass
			50	21.76	1.12	22.88	<=33.01	Pass
			99	21.08	1.12	22.20	<=33.01	Pass
		50	0	20.45	1.12	21.57	<=33.01	Pass
			25	20.46	1.12	21.58	<=33.01	Pass
			50	20.41	1.12	21.53	<=33.01	Pass
		100	0	20.48	1.12	21.60	<=33.01	Pass
	2600	1	0	21.07	1.12	22.19	<=33.01	Pass
			50	21.49	1.12	22.61	<=33.01	Pass
			99	21.05	1.12	22.17	<=33.01	Pass
		50	0	20.64	1.12	21.76	<=33.01	Pass
			25	20.64	1.12	21.76	<=33.01	Pass
			50	20.55	1.12	21.67	<=33.01	Pass
		100	0	20.53	1.12	21.65	<=33.01	Pass
	2640	1	0	21.75	1.12	22.87	<=33.01	Pass
			50	22.30	1.12	23.42	<=33.01	Pass
			99	21.95	1.12	23.07	<=33.01	Pass
		50	0	21.22	1.12	22.34	<=33.01	Pass
			25	21.18	1.12	22.30	<=33.01	Pass
			50	21.06	1.12	22.18	<=33.01	Pass
		100	0	21.16	1.12	22.28	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B41_5MHz

2.1.1 Test Result

Band: 41 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2552.5	25	0	20	3.27	5.279	0.0021	-2.5 to 2.5	Pass
					3.85	19.240	0.0075	-2.5 to 2.5	Pass
					4.43	20.700	0.0081	-2.5 to 2.5	Pass

				-30	3.85	16.007	0.0063	-2.5 to 2.5	Pass
				-20	3.85	7.310	0.0029	-2.5 to 2.5	Pass
				-10	3.85	44.918	0.0176	-2.5 to 2.5	Pass
				0	3.85	43.974	0.0172	-2.5 to 2.5	Pass
				10	3.85	25.649	0.0100	-2.5 to 2.5	Pass
				30	3.85	8.211	0.0032	-2.5 to 2.5	Pass
				40	3.85	41.699	0.0163	-2.5 to 2.5	Pass
				50	3.85	31.414	0.0123	-2.5 to 2.5	Pass
	2600	25	0	20	3.27	22.488	0.0086	-2.5 to 2.5	Pass
					3.85	21.844	0.0084	-2.5 to 2.5	Pass
					4.43	1.845	0.0007	-2.5 to 2.5	Pass
				-30	3.85	26.579	0.0102	-2.5 to 2.5	Pass
				-20	3.85	25.778	0.0099	-2.5 to 2.5	Pass
				-10	3.85	42.658	0.0164	-2.5 to 2.5	Pass
				0	3.85	-4.621	-0.0018	-2.5 to 2.5	Pass
				10	3.85	39.911	0.0154	-2.5 to 2.5	Pass
				30	3.85	41.170	0.0158	-2.5 to 2.5	Pass
				40	3.85	24.719	0.0095	-2.5 to 2.5	Pass
				50	3.85	10.700	0.0041	-2.5 to 2.5	Pass
	2647.5	25	0	20	3.27	-3.304	-0.0012	-2.5 to 2.5	Pass
					3.85	27.266	0.0103	-2.5 to 2.5	Pass
					4.43	39.039	0.0147	-2.5 to 2.5	Pass
				-30	3.85	12.660	0.0048	-2.5 to 2.5	Pass
				-20	3.85	25.649	0.0097	-2.5 to 2.5	Pass
				-10	3.85	31.886	0.0120	-2.5 to 2.5	Pass
				0	3.85	5.322	0.0020	-2.5 to 2.5	Pass
				10	3.85	9.012	0.0034	-2.5 to 2.5	Pass
				30	3.85	29.125	0.0110	-2.5 to 2.5	Pass
				40	3.85	25.907	0.0098	-2.5 to 2.5	Pass
				50	3.85	21.486	0.0081	-2.5 to 2.5	Pass
16QAM	2552.5	25	0	20	3.27	20.370	0.0080	-2.5 to 2.5	Pass
					3.85	19.126	0.0075	-2.5 to 2.5	Pass
					4.43	4.821	0.0019	-2.5 to 2.5	Pass
				-30	3.85	45.962	0.0180	-2.5 to 2.5	Pass
				-20	3.85	-1.073	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	42.615	0.0167	-2.5 to 2.5	Pass
				0	3.85	45.590	0.0179	-2.5 to 2.5	Pass
				10	3.85	1.745	0.0007	-2.5 to 2.5	Pass
				30	3.85	13.118	0.0051	-2.5 to 2.5	Pass
				40	3.85	3.090	0.0012	-2.5 to 2.5	Pass
				50	3.85	22.130	0.0087	-2.5 to 2.5	Pass
	2600	25	0	20	3.27	9.313	0.0036	-2.5 to 2.5	Pass
					3.85	7.296	0.0028	-2.5 to 2.5	Pass
					4.43	13.561	0.0052	-2.5 to 2.5	Pass
				-30	3.85	2.818	0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.616	0.0006	-2.5 to 2.5	Pass
				-10	3.85	19.856	0.0076	-2.5 to 2.5	Pass
				0	3.85	7.696	0.0030	-2.5 to 2.5	Pass
				10	3.85	-7.625	-0.0029	-2.5 to 2.5	Pass
				30	3.85	18.740	0.0072	-2.5 to 2.5	Pass
				40	3.85	37.737	0.0145	-2.5 to 2.5	Pass
				50	3.85	47.851	0.0184	-2.5 to 2.5	Pass
	2647.5	25	0	20	3.27	19.326	0.0073	-2.5 to 2.5	Pass
					3.85	-3.490	-0.0013	-2.5 to 2.5	Pass
					4.43	14.219	0.0054	-2.5 to 2.5	Pass
				-30	3.85	33.417	0.0126	-2.5 to 2.5	Pass
				-20	3.85	26.693	0.0101	-2.5 to 2.5	Pass

				-10	3.85	-1.073	-0.0004	-2.5 to 2.5	Pass
				0	3.85	31.414	0.0119	-2.5 to 2.5	Pass
				10	3.85	15.736	0.0059	-2.5 to 2.5	Pass
				30	3.85	26.879	0.0102	-2.5 to 2.5	Pass
				40	3.85	18.697	0.0071	-2.5 to 2.5	Pass
				50	3.85	31.672	0.0120	-2.5 to 2.5	Pass

2.2 B41_10MHz

2.2.1 Test Result

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2555	50	0	20	3.27	-46.234	-0.0181	-2.5 to 2.5	Pass
					3.85	28.825	0.0113	-2.5 to 2.5	Pass
					4.43	20.785	0.0081	-2.5 to 2.5	Pass
				-30	3.85	32.487	0.0127	-2.5 to 2.5	Pass
				-20	3.85	32.315	0.0126	-2.5 to 2.5	Pass
				-10	3.85	35.305	0.0138	-2.5 to 2.5	Pass
				0	3.85	36.879	0.0144	-2.5 to 2.5	Pass
				10	3.85	23.932	0.0094	-2.5 to 2.5	Pass
				30	3.85	6.466	0.0025	-2.5 to 2.5	Pass
				40	3.85	10.285	0.0040	-2.5 to 2.5	Pass
				50	3.85	13.647	0.0053	-2.5 to 2.5	Pass
	2600	50	0	20	3.27	-34.447	-0.0132	-2.5 to 2.5	Pass
					3.85	12.832	0.0049	-2.5 to 2.5	Pass
					4.43	-33.174	-0.0128	-2.5 to 2.5	Pass
				-30	3.85	-43.230	-0.0166	-2.5 to 2.5	Pass
				-20	3.85	42.515	0.0164	-2.5 to 2.5	Pass
				-10	3.85	29.054	0.0112	-2.5 to 2.5	Pass
				0	3.85	22.130	0.0085	-2.5 to 2.5	Pass
				10	3.85	25.048	0.0096	-2.5 to 2.5	Pass
				30	3.85	38.409	0.0148	-2.5 to 2.5	Pass
				40	3.85	29.783	0.0115	-2.5 to 2.5	Pass
				50	3.85	30.742	0.0118	-2.5 to 2.5	Pass
	2645	50	0	20	3.27	-38.967	-0.0147	-2.5 to 2.5	Pass
					3.85	39.625	0.0150	-2.5 to 2.5	Pass
					4.43	6.580	0.0025	-2.5 to 2.5	Pass
				-30	3.85	-44.861	-0.0170	-2.5 to 2.5	Pass
				-20	3.85	-31.686	-0.0120	-2.5 to 2.5	Pass
				-10	3.85	37.923	0.0143	-2.5 to 2.5	Pass
				0	3.85	24.490	0.0093	-2.5 to 2.5	Pass
				10	3.85	-31.929	-0.0121	-2.5 to 2.5	Pass
				30	3.85	-29.683	-0.0112	-2.5 to 2.5	Pass
				40	3.85	-30.198	-0.0114	-2.5 to 2.5	Pass
				50	3.85	39.153	0.0148	-2.5 to 2.5	Pass
16QAM	2555	50	0	20	3.27	36.807	0.0144	-2.5 to 2.5	Pass
					3.85	43.917	0.0172	-2.5 to 2.5	Pass
					4.43	12.860	0.0050	-2.5 to 2.5	Pass
				-30	3.85	48.537	0.0190	-2.5 to 2.5	Pass
				-20	3.85	44.961	0.0176	-2.5 to 2.5	Pass
				-10	3.85	24.991	0.0098	-2.5 to 2.5	Pass
				0	3.85	12.317	0.0048	-2.5 to 2.5	Pass
				10	3.85	21.787	0.0085	-2.5 to 2.5	Pass

				30	3.85	26.565	0.0104	-2.5 to 2.5	Pass
				40	3.85	15.221	0.0060	-2.5 to 2.5	Pass
				50	3.85	47.164	0.0185	-2.5 to 2.5	Pass
	2600	50	0	20	3.27	35.720	0.0137	-2.5 to 2.5	Pass
					3.85	40.669	0.0156	-2.5 to 2.5	Pass
					4.43	39.940	0.0154	-2.5 to 2.5	Pass
				-30	3.85	30.241	0.0116	-2.5 to 2.5	Pass
				-20	3.85	29.826	0.0115	-2.5 to 2.5	Pass
				-10	3.85	41.728	0.0160	-2.5 to 2.5	Pass
				0	3.85	-3.691	-0.0014	-2.5 to 2.5	Pass
				10	3.85	25.048	0.0096	-2.5 to 2.5	Pass
				30	3.85	13.103	0.0050	-2.5 to 2.5	Pass
				40	3.85	13.504	0.0052	-2.5 to 2.5	Pass
				50	3.85	39.282	0.0151	-2.5 to 2.5	Pass
	2645	50	0	20	3.27	34.604	0.0131	-2.5 to 2.5	Pass
					3.85	4.306	0.0016	-2.5 to 2.5	Pass
					4.43	23.532	0.0089	-2.5 to 2.5	Pass
				-30	3.85	18.654	0.0071	-2.5 to 2.5	Pass
				-20	3.85	20.242	0.0077	-2.5 to 2.5	Pass
				-10	3.85	-6.866	-0.0026	-2.5 to 2.5	Pass
				0	3.85	24.905	0.0094	-2.5 to 2.5	Pass
				10	3.85	1.216	0.0005	-2.5 to 2.5	Pass
				30	3.85	23.746	0.0090	-2.5 to 2.5	Pass
				40	3.85	9.985	0.0038	-2.5 to 2.5	Pass
				50	3.85	14.105	0.0053	-2.5 to 2.5	Pass

2.3 B41_15MHz

2.3.1 Test Result

Band: 41 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2557.5	75	0	20	3.27	-24.261	-0.0095	-2.5 to 2.5	Pass
					3.85	35.377	0.0138	-2.5 to 2.5	Pass
					4.43	30.012	0.0117	-2.5 to 2.5	Pass
				-30	3.85	31.071	0.0121	-2.5 to 2.5	Pass
				-20	3.85	38.080	0.0149	-2.5 to 2.5	Pass
				-10	3.85	22.516	0.0088	-2.5 to 2.5	Pass
				0	3.85	25.835	0.0101	-2.5 to 2.5	Pass
				10	3.85	24.877	0.0097	-2.5 to 2.5	Pass
				30	3.85	37.794	0.0148	-2.5 to 2.5	Pass
				40	3.85	30.499	0.0119	-2.5 to 2.5	Pass
				50	3.85	0.572	0.0002	-2.5 to 2.5	Pass
	2600	75	0	20	3.27	-28.625	-0.0110	-2.5 to 2.5	Pass
					3.85	28.381	0.0109	-2.5 to 2.5	Pass
					4.43	31.371	0.0121	-2.5 to 2.5	Pass
				-30	3.85	-31.743	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-40.741	-0.0157	-2.5 to 2.5	Pass
				-10	3.85	4.663	0.0018	-2.5 to 2.5	Pass
				0	3.85	41.857	0.0161	-2.5 to 2.5	Pass
				10	3.85	17.366	0.0067	-2.5 to 2.5	Pass
				30	3.85	-37.923	-0.0146	-2.5 to 2.5	Pass
				40	3.85	-30.212	-0.0116	-2.5 to 2.5	Pass
				50	3.85	48.952	0.0188	-2.5 to 2.5	Pass

	2642.5	75	0	20	3.27	-29.984	-0.0113	-2.5 to 2.5	Pass
					3.85	18.883	0.0071	-2.5 to 2.5	Pass
					4.43	-44.847	-0.0170	-2.5 to 2.5	Pass
				-30	3.85	-42.186	-0.0160	-2.5 to 2.5	Pass
				-20	3.85	33.259	0.0126	-2.5 to 2.5	Pass
				-10	3.85	32.115	0.0122	-2.5 to 2.5	Pass
				0	3.85	-44.875	-0.0170	-2.5 to 2.5	Pass
				10	3.85	-30.012	-0.0114	-2.5 to 2.5	Pass
				30	3.85	40.369	0.0153	-2.5 to 2.5	Pass
				40	3.85	36.979	0.0140	-2.5 to 2.5	Pass
				50	3.85	-46.477	-0.0176	-2.5 to 2.5	Pass
16QAM	2557.5	75	0	20	3.27	34.018	0.0133	-2.5 to 2.5	Pass
					3.85	17.653	0.0069	-2.5 to 2.5	Pass
					4.43	37.751	0.0148	-2.5 to 2.5	Pass
				-30	3.85	36.778	0.0144	-2.5 to 2.5	Pass
				-20	3.85	-0.830	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	30.241	0.0118	-2.5 to 2.5	Pass
				0	3.85	44.646	0.0175	-2.5 to 2.5	Pass
				10	3.85	19.970	0.0078	-2.5 to 2.5	Pass
				30	3.85	29.984	0.0117	-2.5 to 2.5	Pass
				40	3.85	12.674	0.0050	-2.5 to 2.5	Pass
				50	3.85	14.291	0.0056	-2.5 to 2.5	Pass
	2600	75	0	20	3.27	38.581	0.0148	-2.5 to 2.5	Pass
					3.85	13.361	0.0051	-2.5 to 2.5	Pass
					4.43	27.509	0.0106	-2.5 to 2.5	Pass
				-30	3.85	14.534	0.0056	-2.5 to 2.5	Pass
				-20	3.85	14.176	0.0055	-2.5 to 2.5	Pass
				-10	3.85	37.007	0.0142	-2.5 to 2.5	Pass
				0	3.85	34.404	0.0132	-2.5 to 2.5	Pass
				10	3.85	33.174	0.0128	-2.5 to 2.5	Pass
				30	3.85	25.749	0.0099	-2.5 to 2.5	Pass
				40	3.85	15.278	0.0059	-2.5 to 2.5	Pass
				50	3.85	31.171	0.0120	-2.5 to 2.5	Pass
	2642.5	75	0	20	3.27	-40.956	-0.0155	-2.5 to 2.5	Pass
					3.85	32.945	0.0125	-2.5 to 2.5	Pass
					4.43	33.803	0.0128	-2.5 to 2.5	Pass
				-30	3.85	34.933	0.0132	-2.5 to 2.5	Pass
				-20	3.85	36.550	0.0138	-2.5 to 2.5	Pass
				-10	3.85	29.569	0.0112	-2.5 to 2.5	Pass
				0	3.85	36.578	0.0138	-2.5 to 2.5	Pass
				10	3.85	21.257	0.0080	-2.5 to 2.5	Pass
				30	3.85	27.967	0.0106	-2.5 to 2.5	Pass
				40	3.85	29.154	0.0110	-2.5 to 2.5	Pass
				50	3.85	31.142	0.0118	-2.5 to 2.5	Pass

2.4 B41_20MHz

2.4.1 Test Result

Band: 41 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2560	100	0	20	3.27	-3.462	-0.0014	-2.5 to 2.5	Pass
					3.85	32.644	0.0128	-2.5 to 2.5	Pass
					4.43	46.020	0.0180	-2.5 to 2.5	Pass

				-30	3.85	33.817	0.0132	-2.5 to 2.5	Pass
				-20	3.85	38.152	0.0149	-2.5 to 2.5	Pass
				-10	3.85	35.148	0.0137	-2.5 to 2.5	Pass
				0	3.85	30.413	0.0119	-2.5 to 2.5	Pass
				10	3.85	26.679	0.0104	-2.5 to 2.5	Pass
				30	3.85	31.872	0.0124	-2.5 to 2.5	Pass
				40	3.85	10.443	0.0041	-2.5 to 2.5	Pass
				50	3.85	35.491	0.0139	-2.5 to 2.5	Pass
	2600	100	0	20	3.27	-35.348	-0.0136	-2.5 to 2.5	Pass
					3.85	34.575	0.0133	-2.5 to 2.5	Pass
					4.43	-57.063	-0.0219	-2.5 to 2.5	Pass
				-30	3.85	-30.470	-0.0117	-2.5 to 2.5	Pass
				-20	3.85	37.465	0.0144	-2.5 to 2.5	Pass
				-10	3.85	37.994	0.0146	-2.5 to 2.5	Pass
				0	3.85	-27.022	-0.0104	-2.5 to 2.5	Pass
				10	3.85	-33.360	-0.0128	-2.5 to 2.5	Pass
				30	3.85	44.460	0.0171	-2.5 to 2.5	Pass
				40	3.85	33.059	0.0127	-2.5 to 2.5	Pass
				50	3.85	31.772	0.0122	-2.5 to 2.5	Pass
	2640	100	0	20	3.27	-45.204	-0.0171	-2.5 to 2.5	Pass
					3.85	20.413	0.0077	-2.5 to 2.5	Pass
					4.43	23.518	0.0089	-2.5 to 2.5	Pass
				-30	3.85	31.371	0.0119	-2.5 to 2.5	Pass
				-20	3.85	18.983	0.0072	-2.5 to 2.5	Pass
				-10	3.85	34.618	0.0131	-2.5 to 2.5	Pass
				0	3.85	40.011	0.0152	-2.5 to 2.5	Pass
				10	3.85	45.047	0.0171	-2.5 to 2.5	Pass
				30	3.85	36.407	0.0138	-2.5 to 2.5	Pass
				40	3.85	36.149	0.0137	-2.5 to 2.5	Pass
				50	3.85	27.251	0.0103	-2.5 to 2.5	Pass
16QAM	2560	100	0	20	3.27	23.189	0.0091	-2.5 to 2.5	Pass
					3.85	14.577	0.0057	-2.5 to 2.5	Pass
					4.43	2.217	0.0009	-2.5 to 2.5	Pass
				-30	3.85	-11.344	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-21.243	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-33.402	-0.0130	-2.5 to 2.5	Pass
				0	3.85	-28.410	-0.0111	-2.5 to 2.5	Pass
				10	3.85	-36.807	-0.0144	-2.5 to 2.5	Pass
				30	3.85	-36.979	-0.0144	-2.5 to 2.5	Pass
				40	3.85	-40.154	-0.0157	-2.5 to 2.5	Pass
				50	3.85	-42.787	-0.0167	-2.5 to 2.5	Pass
	2600	100	0	20	3.27	-45.147	-0.0174	-2.5 to 2.5	Pass
					3.85	-48.523	-0.0187	-2.5 to 2.5	Pass
					4.43	28.024	0.0108	-2.5 to 2.5	Pass
				-30	3.85	26.522	0.0102	-2.5 to 2.5	Pass
				-20	3.85	39.310	0.0151	-2.5 to 2.5	Pass
				-10	3.85	32.272	0.0124	-2.5 to 2.5	Pass
				0	3.85	39.711	0.0153	-2.5 to 2.5	Pass
				10	3.85	16.365	0.0063	-2.5 to 2.5	Pass
				30	3.85	-8.783	-0.0034	-2.5 to 2.5	Pass
				40	3.85	43.960	0.0169	-2.5 to 2.5	Pass
				50	3.85	-35.477	-0.0136	-2.5 to 2.5	Pass
	2640	100	0	20	3.27	6.738	0.0026	-2.5 to 2.5	Pass
					3.85	-40.340	-0.0153	-2.5 to 2.5	Pass
					4.43	-38.095	-0.0144	-2.5 to 2.5	Pass
				-30	3.85	-30.155	-0.0114	-2.5 to 2.5	Pass
				-20	3.85	-34.003	-0.0129	-2.5 to 2.5	Pass

				-10	3.85	-33.574	-0.0127	-2.5 to 2.5	Pass
				0	3.85	-38.266	-0.0145	-2.5 to 2.5	Pass
				10	3.85	-27.795	-0.0105	-2.5 to 2.5	Pass
				30	3.85	-41.957	-0.0159	-2.5 to 2.5	Pass
				40	3.85	-39.654	-0.0150	-2.5 to 2.5	Pass
				50	3.85	-17.810	-0.0067	-2.5 to 2.5	Pass

3. Modulation Characteristics

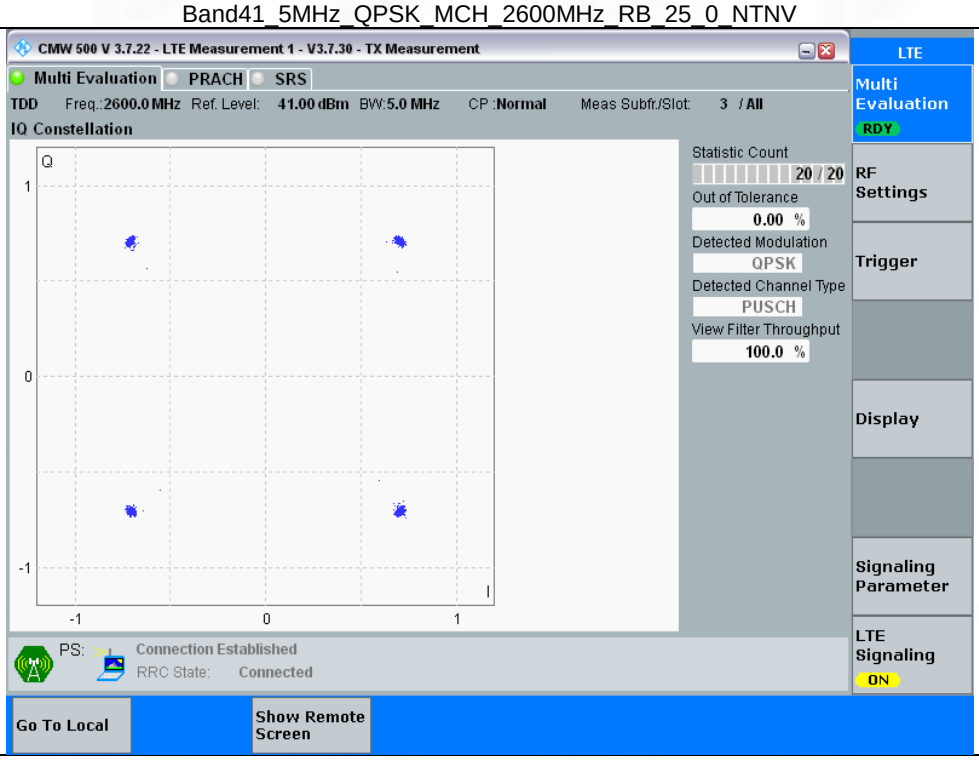
3.1 B41_5MHz

3.1.1 Test Result

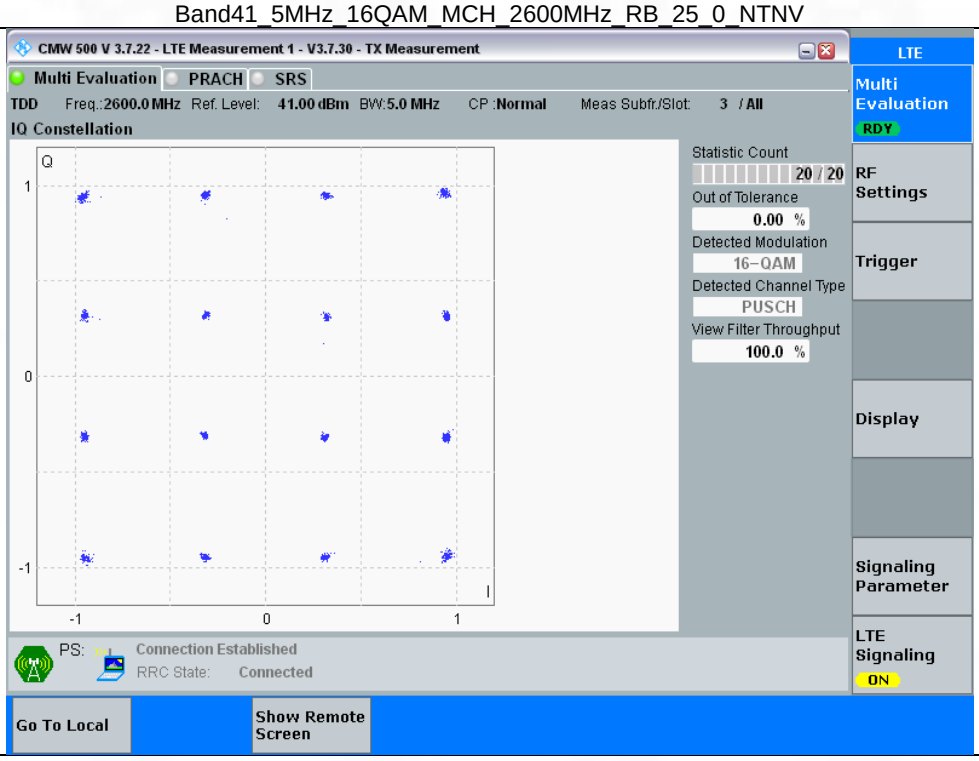
Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2600	25	0	Refer To Test Graph		Pass
16QAM	2600	25	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band41_5MHz_QPSK_MCH_2600MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_MCH_2600MHz_RB_25_0_NTNV



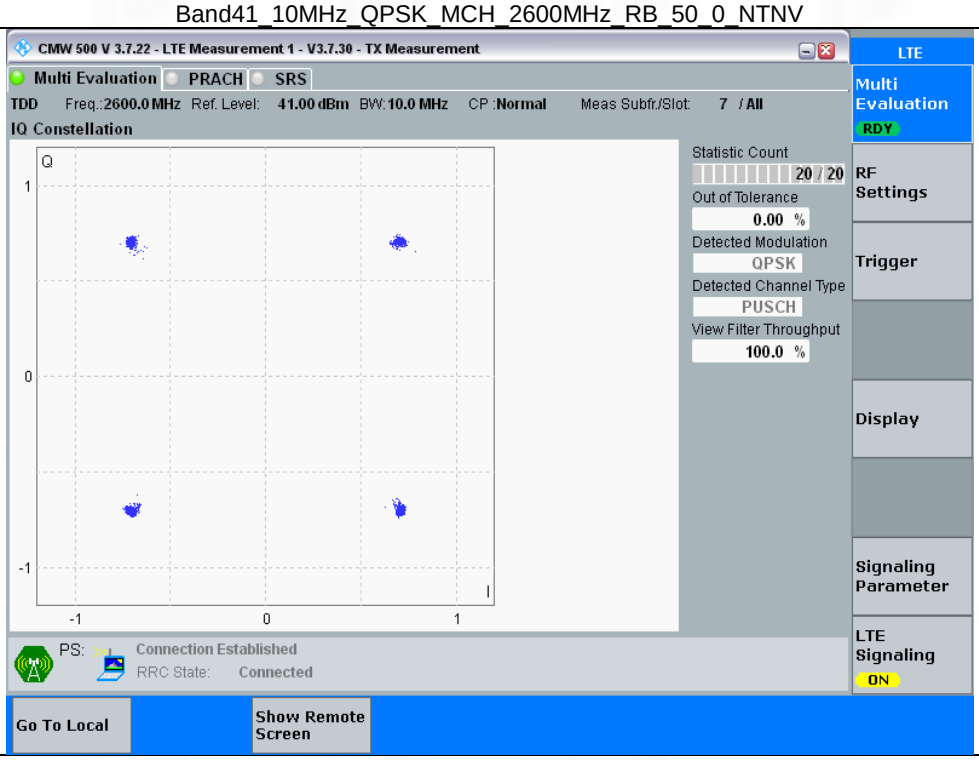
3.2 B41_10MHz

3.2.1 Test Result

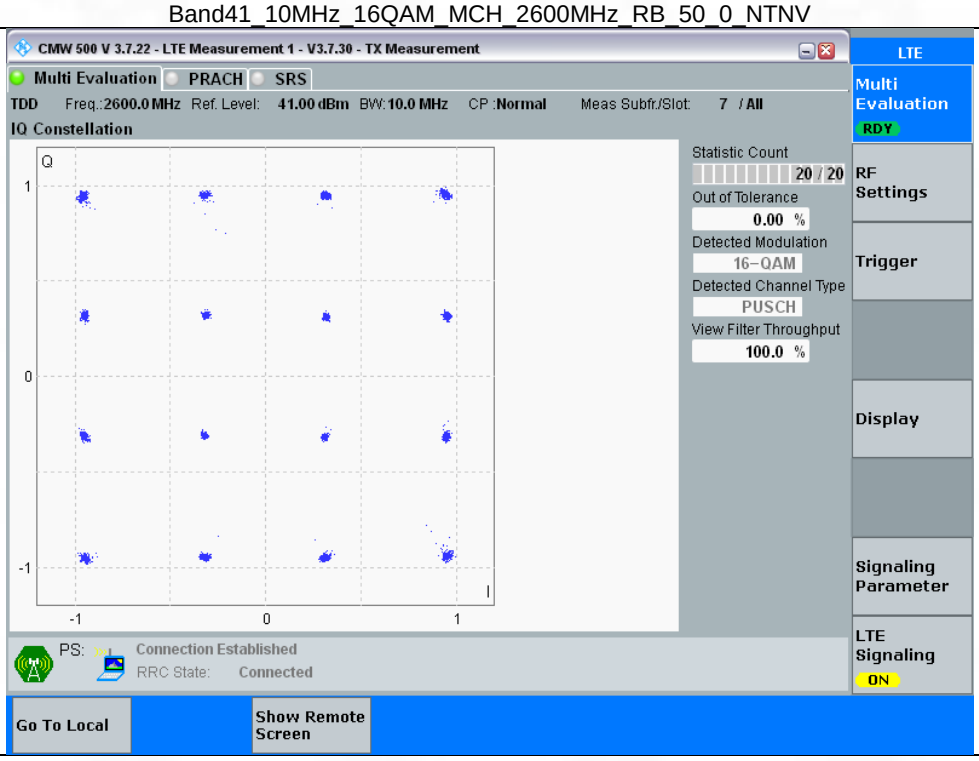
Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2600	50	0	Refer To Test Graph		Pass
16QAM	2600	50	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band41_10MHz_QPSK_MCH_2600MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_MCH_2600MHz_RB_50_0_NTNV



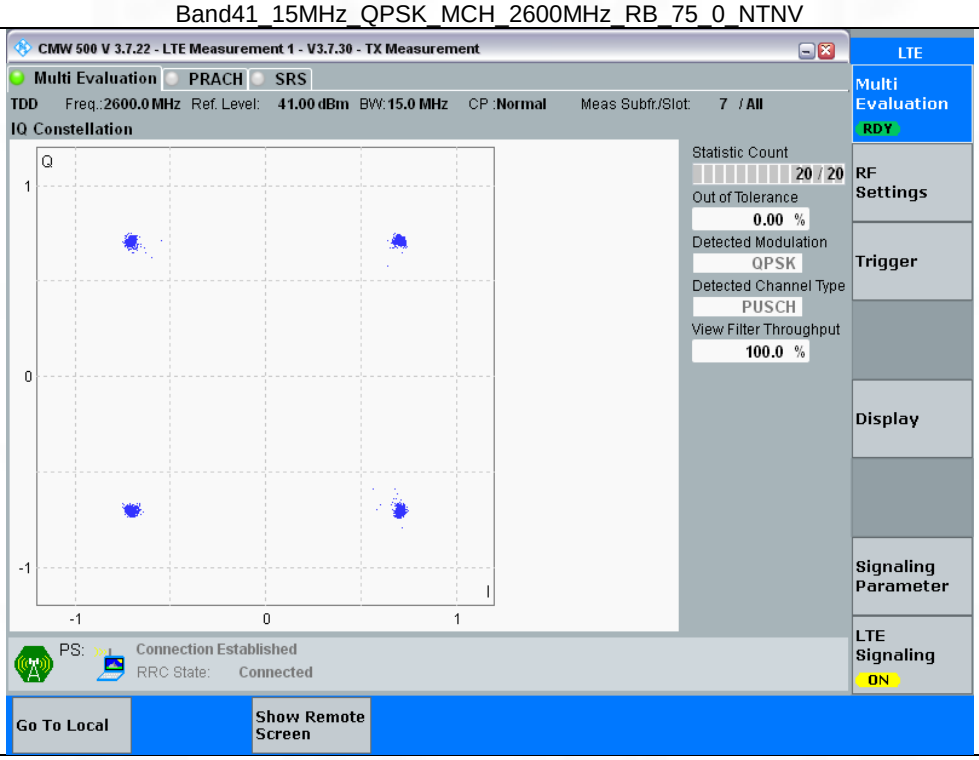
3.3 B41_15MHz

3.3.1 Test Result

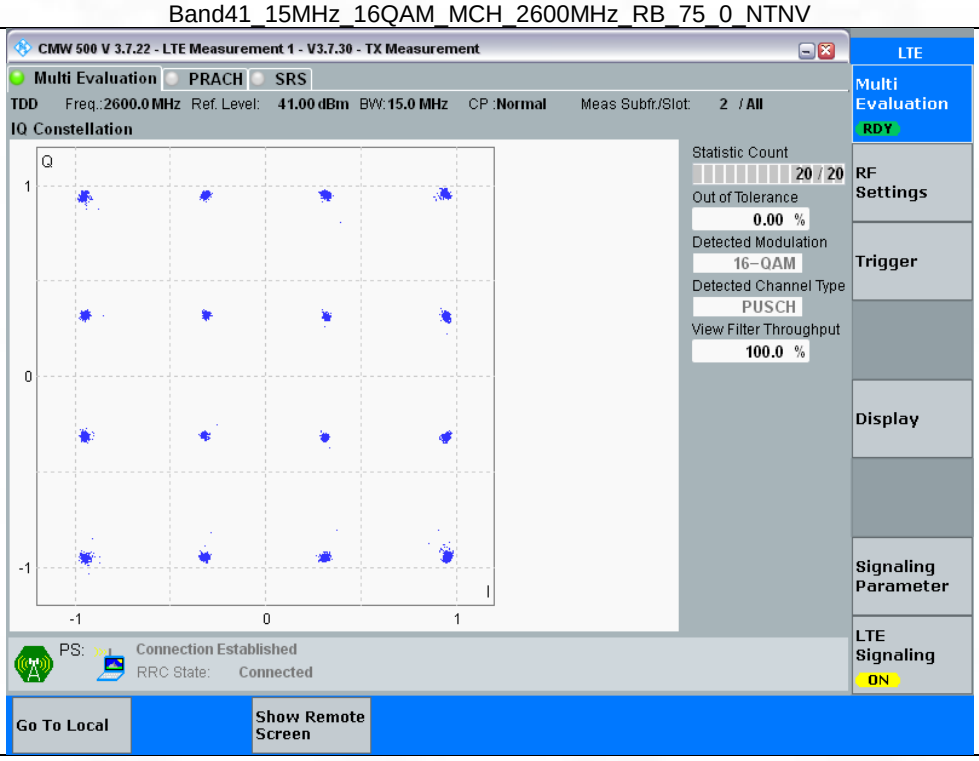
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2600	75	0	Refer To Test Graph		Pass
16QAM	2600	75	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band41_15MHz_QPSK_MCH_2600MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_MCH_2600MHz_RB_75_0_NTNV



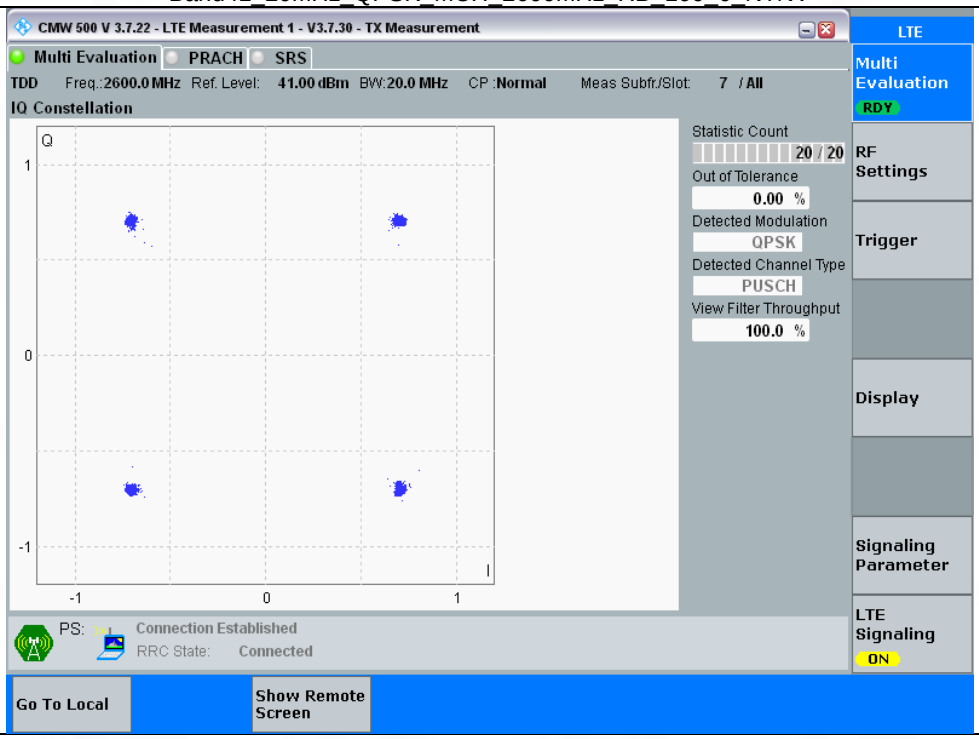
3.4 B41_20MHz

3.4.1 Test Result

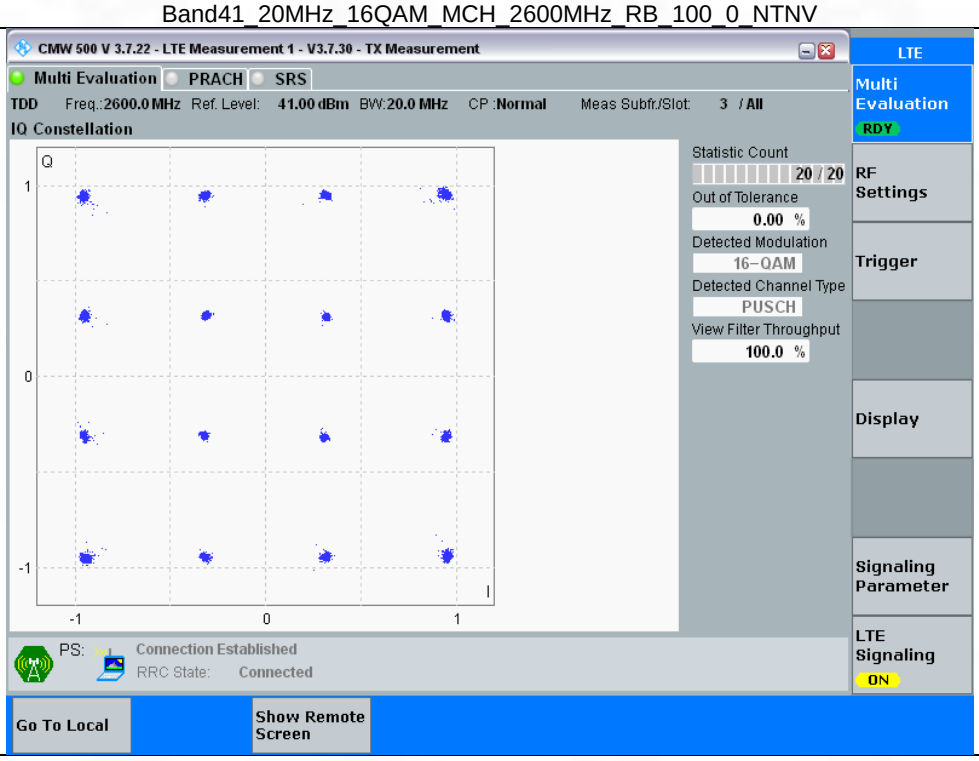
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2600	100	0	Refer To Test Graph		Pass
16QAM	2600	100	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band41_20MHz_QPSK_MCH_2600MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2600MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

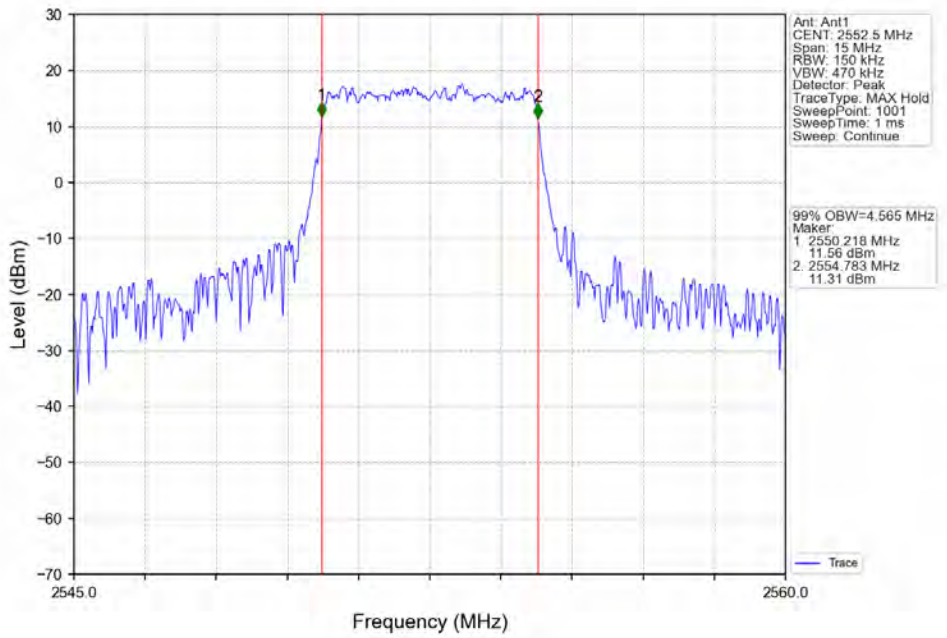
4.1 Band41_OBW

4.1.1 Test Result

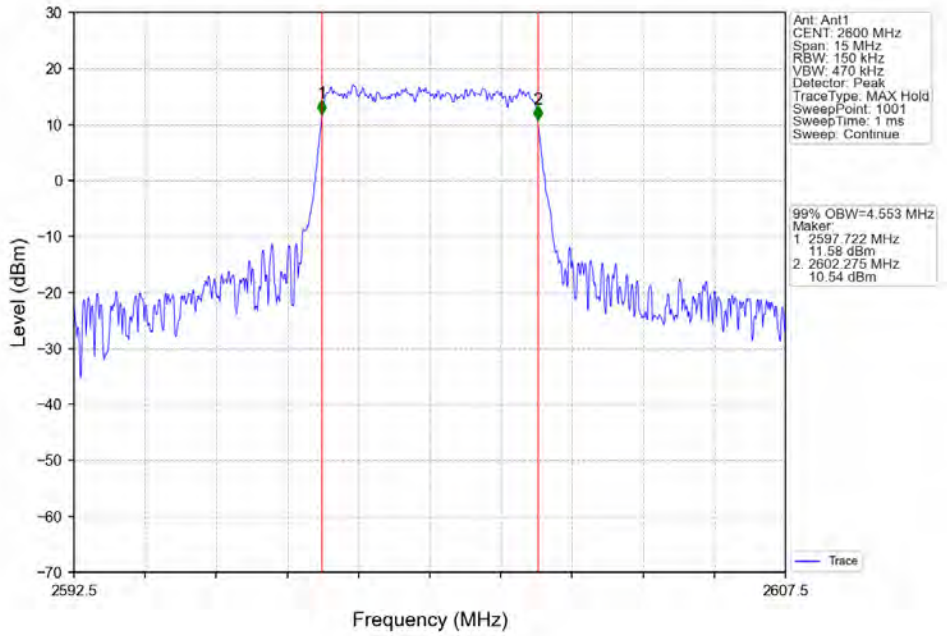
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2552.5	25	0	4.565	/	Pass
		2600	25	0	4.553	/	Pass
		2647.5	25	0	4.580	/	Pass
	16QAM	2552.5	25	0	4.555	/	Pass
		2600	25	0	4.604	/	Pass
		2647.5	25	0	4.569	/	Pass
10	QPSK	2555	50	0	9.122	/	Pass
		2600	50	0	9.080	/	Pass
		2645	50	0	9.094	/	Pass
	16QAM	2555	50	0	9.094	/	Pass
		2600	50	0	9.051	/	Pass
		2645	50	0	9.072	/	Pass
15	QPSK	2557.5	75	0	13.599	/	Pass
		2600	75	0	13.578	/	Pass
		2642.5	75	0	13.628	/	Pass
	16QAM	2557.5	75	0	13.695	/	Pass
		2600	75	0	13.648	/	Pass
		2642.5	75	0	13.648	/	Pass
20	QPSK	2560	100	0	18.159	/	Pass
		2600	100	0	18.126	/	Pass
		2640	100	0	18.131	/	Pass
	16QAM	2560	100	0	18.103	/	Pass
		2600	100	0	18.114	/	Pass
		2640	100	0	18.162	/	Pass

4.1.2 Test Graph

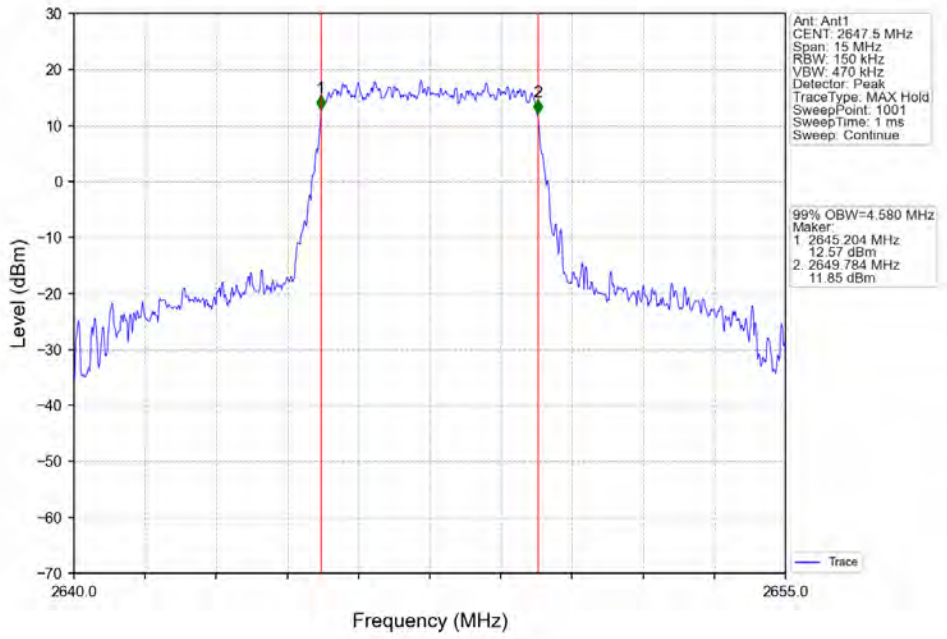
Band41_5MHz_QPSK_LCH_2552.5MHz_RB_25_0_NTNV



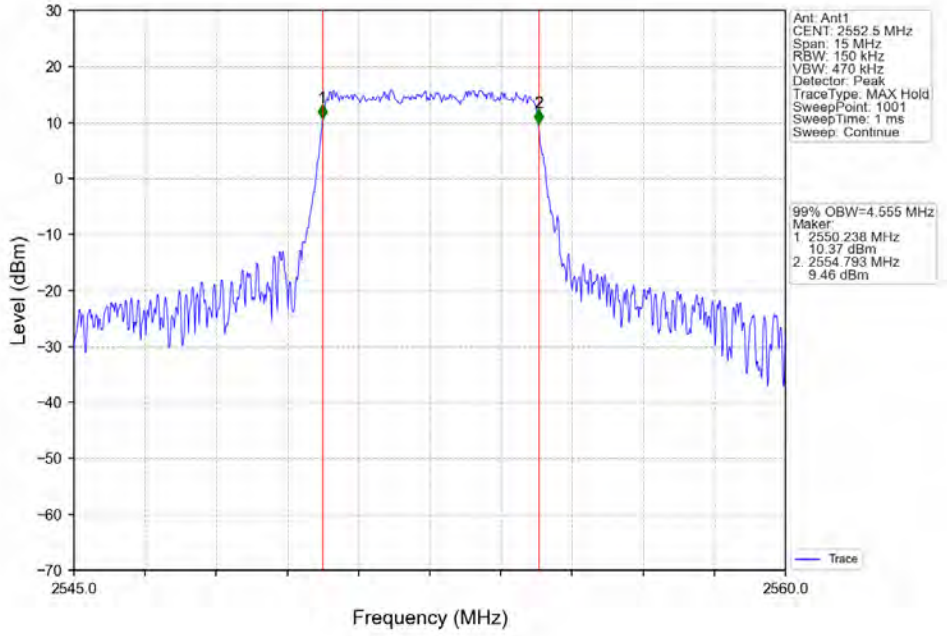
Band41_5MHz_QPSK_MCH_2600MHz_RB_25_0_NTNV



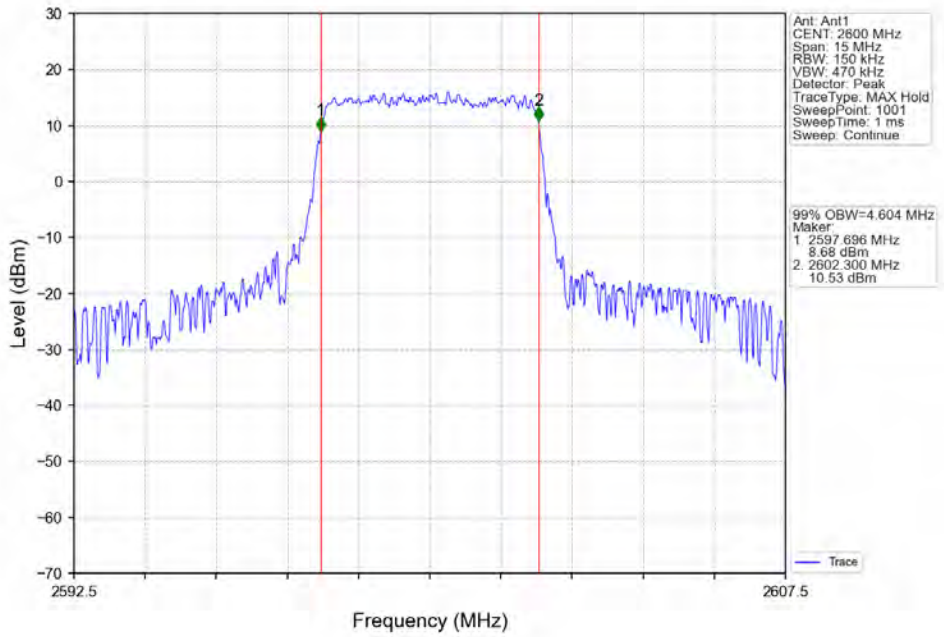
Band41_5MHz_QPSK_HCH_2647.5MHz_RB_25_0_NTNV



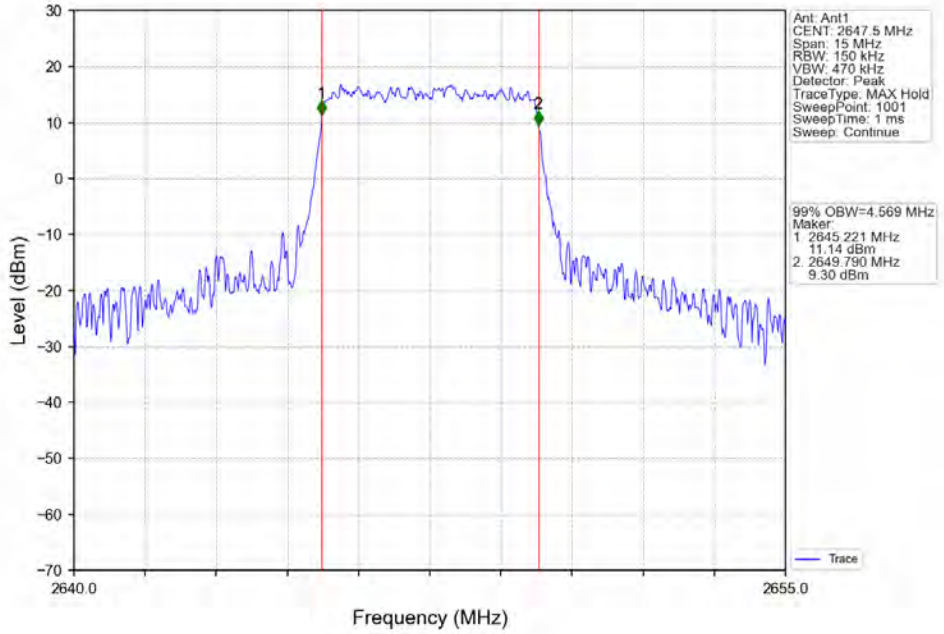
Band41_5MHz_16QAM_LCH_2552.5MHz_RB_25_0_NTNV



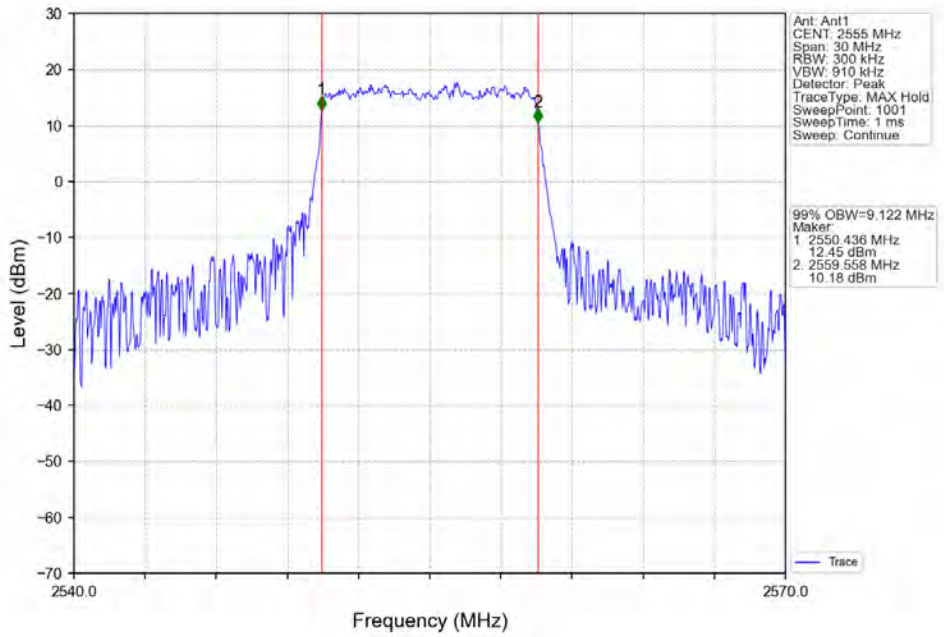
Band41_5MHz_16QAM_MCH_2600MHz_RB_25_0_NTNV



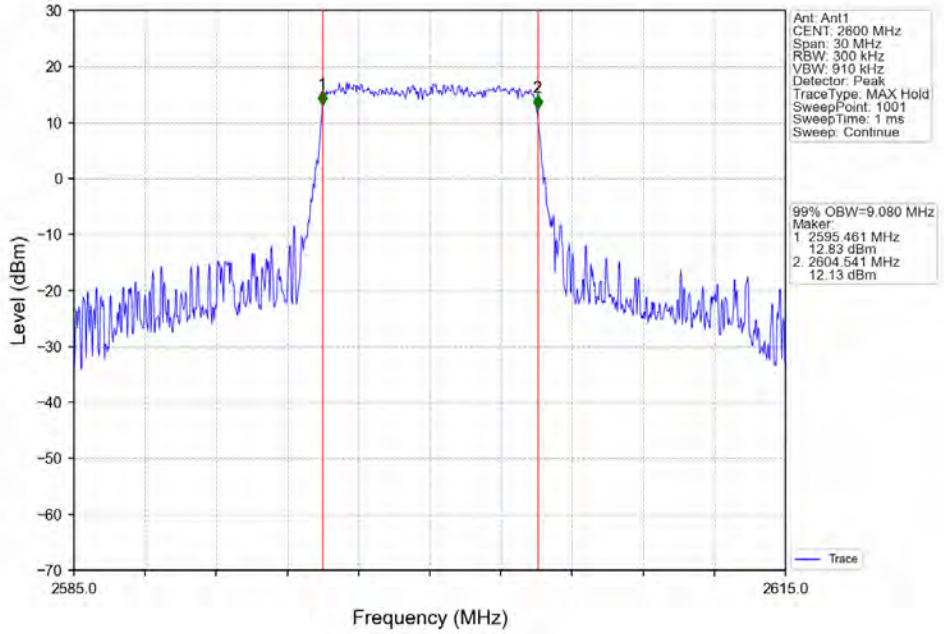
Band41_5MHz_16QAM_HCH_2647.5MHz_RB_25_0_NTNV



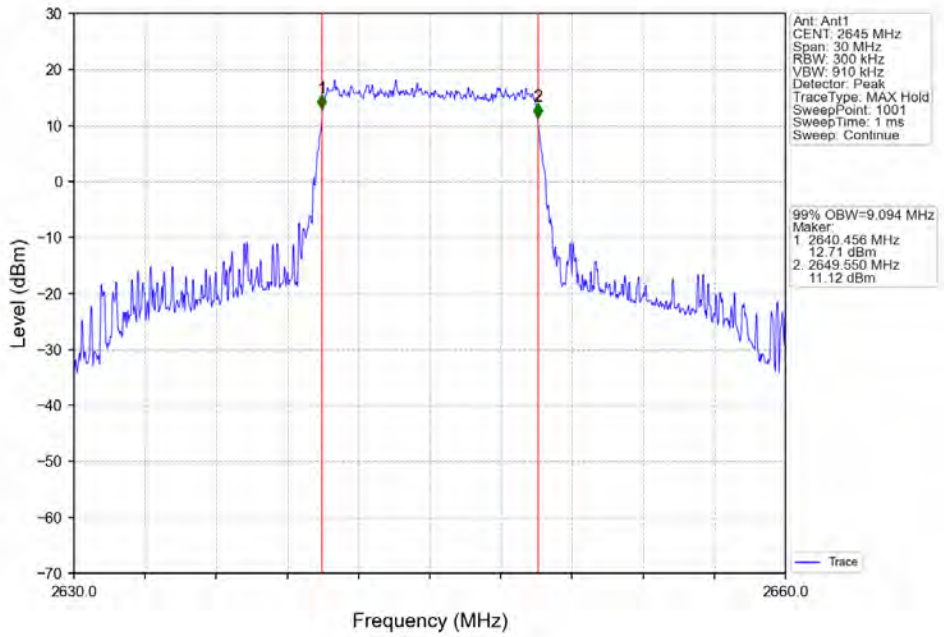
Band41_10MHz_QPSK_LCH_2555MHz_RB_50_0_NTNV



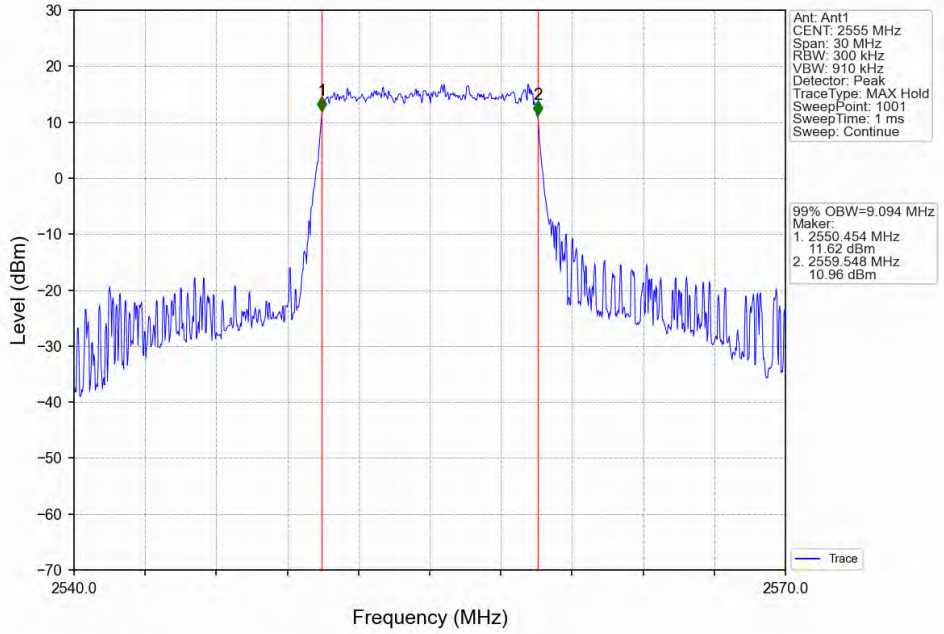
Band41_10MHz_QPSK_MCH_2600MHz_RB_50_0_NTNV



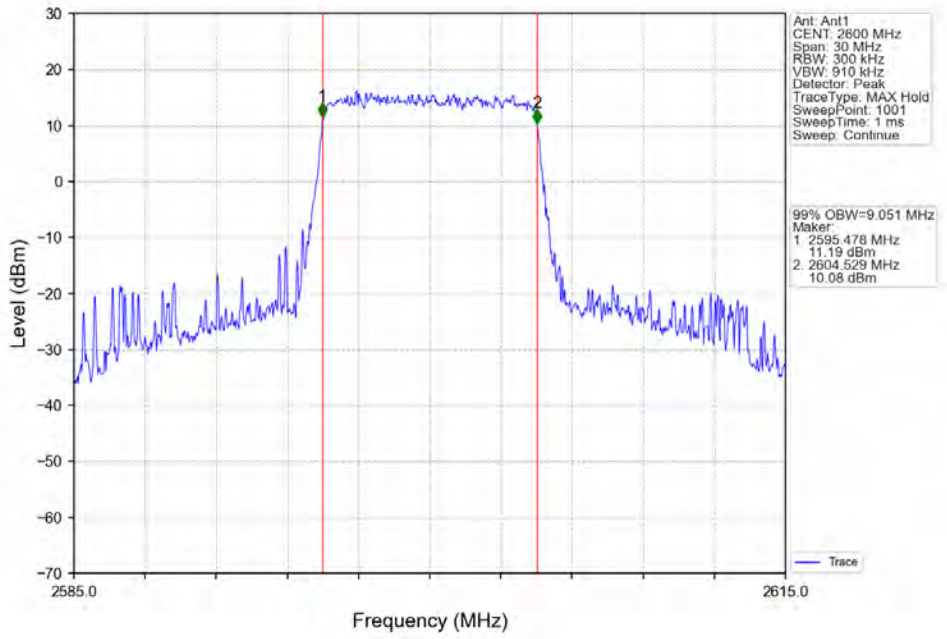
Band41_10MHz_QPSK_HCH_2645MHz_RB_50_0_NTNV



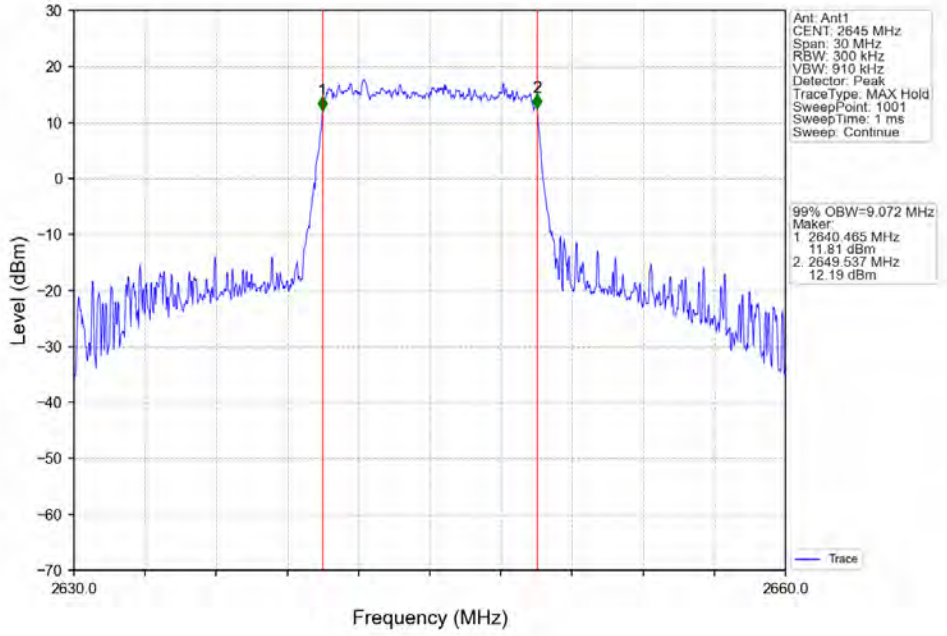
Band41_10MHz_16QAM_LCH_2555MHz_RB_50_0_NTNV



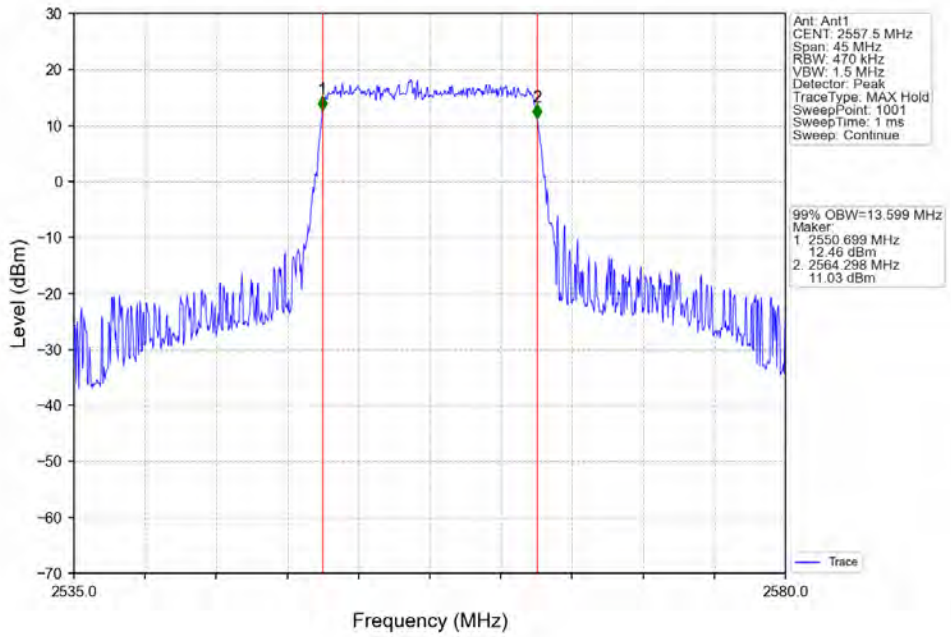
Band41_10MHz_16QAM_MCH_2600MHz_RB_50_0_NTNV



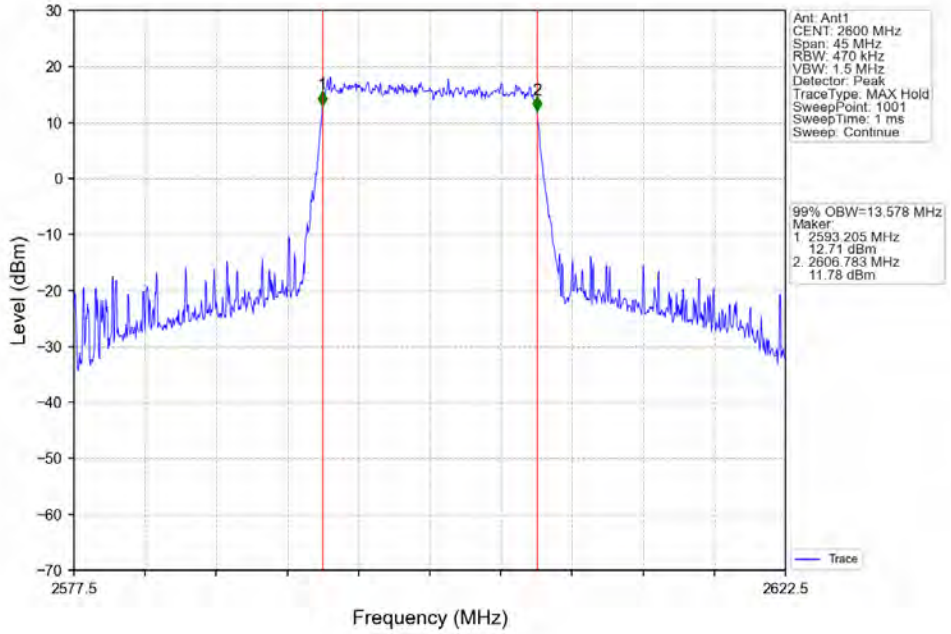
Band41_10MHz_16QAM_HCH_2645MHz_RB_50_0_NTNV



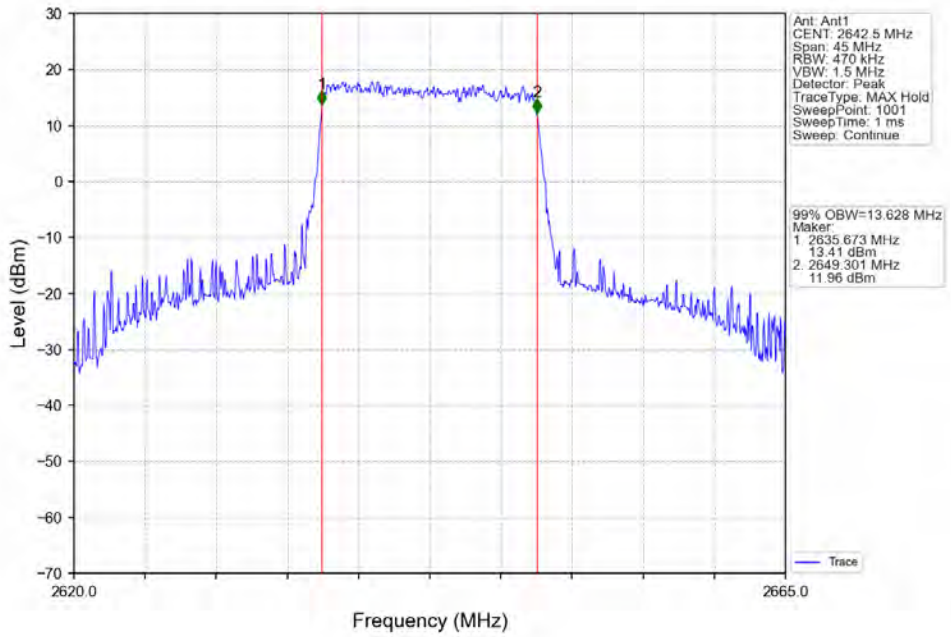
Band41_15MHz_QPSK_LCH_2557.5MHz_RB_75_0_NTNV



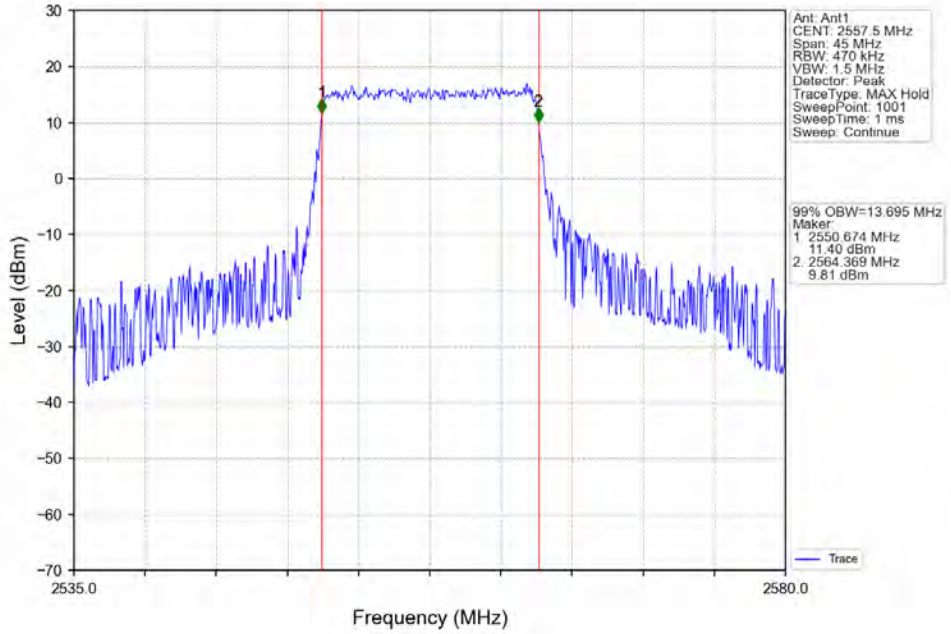
Band41_15MHz_QPSK_MCH_2600MHz_RB_75_0_NTNV



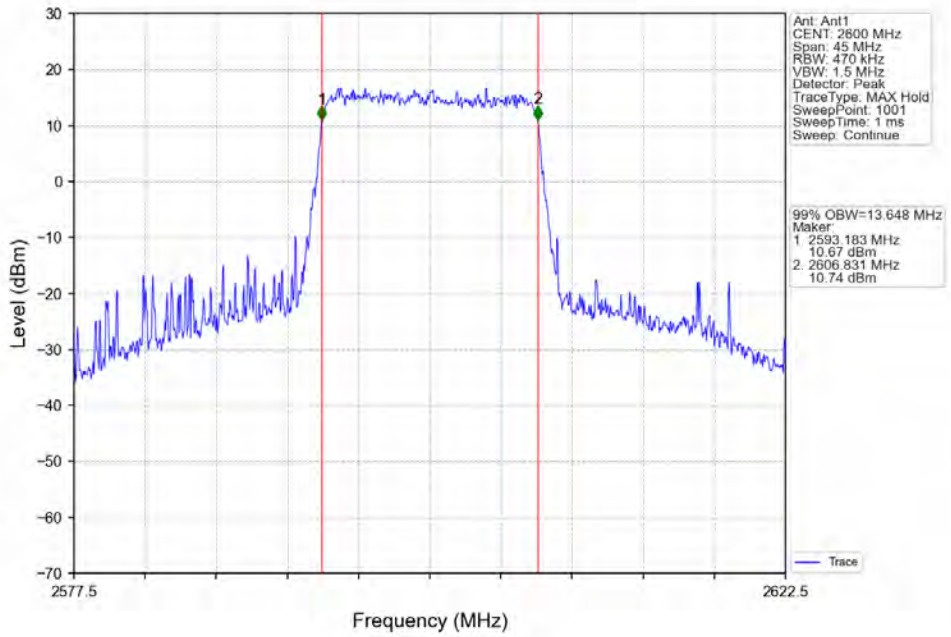
Band41_15MHz_QPSK_HCH_2642.5MHz_RB_75_0_NTNV



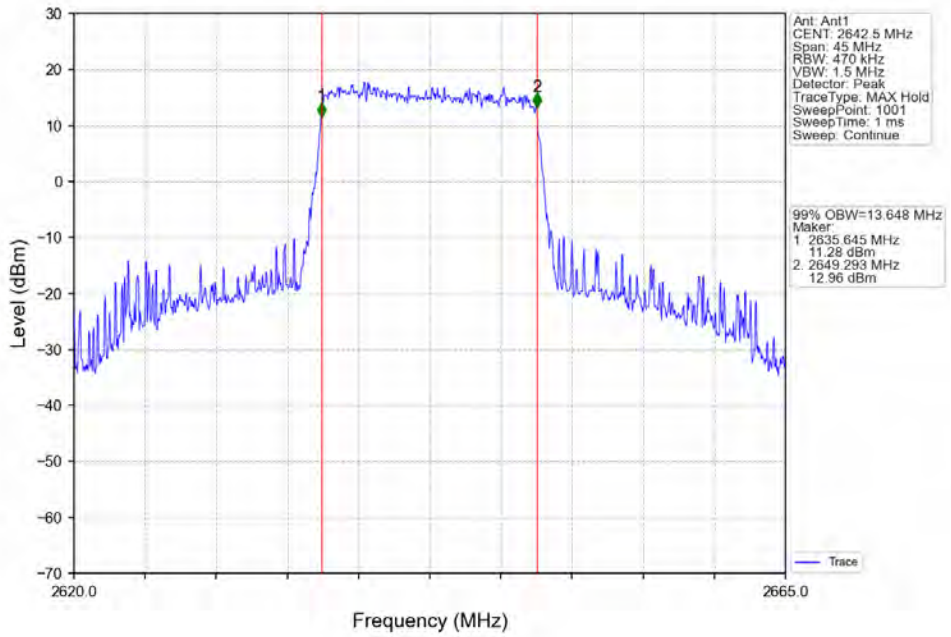
Band41_15MHz_16QAM_LCH_2557.5MHz_RB_75_0_NTNV



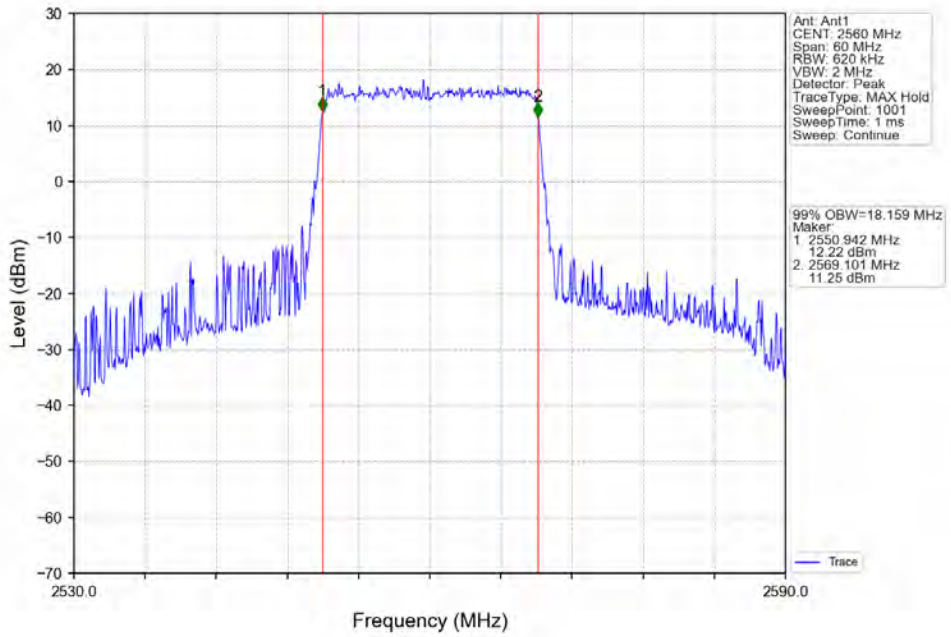
Band41_15MHz_16QAM_MCH_2600MHz_RB_75_0_NTNV



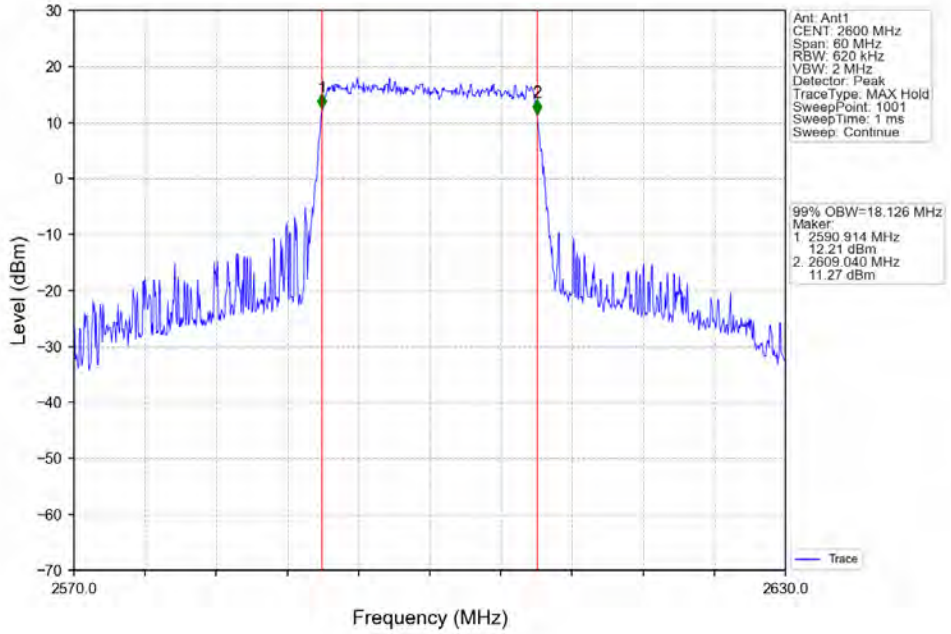
Band41_15MHz_16QAM_HCH_2642.5MHz_RB_75_0_NTNV



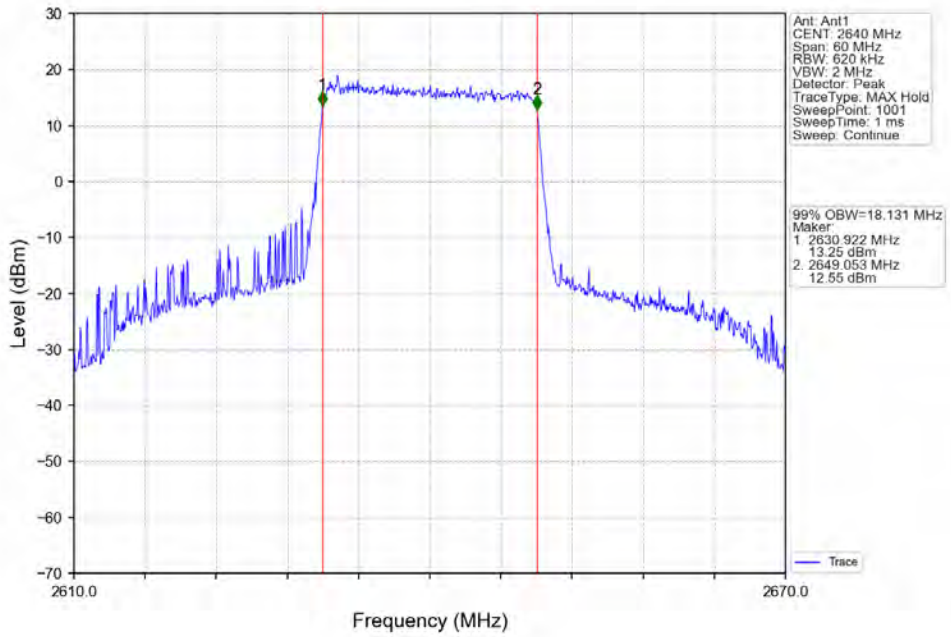
Band41_20MHz_QPSK_LCH_2560MHz_RB_100_0_NTNV



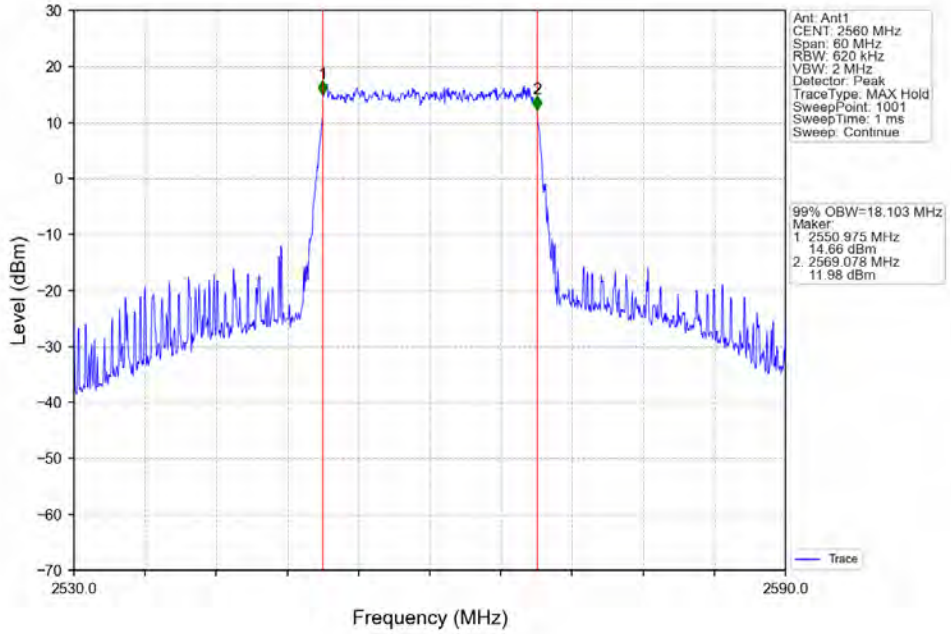
Band41_20MHz_QPSK_MCH_2600MHz_RB_100_0_NTNV



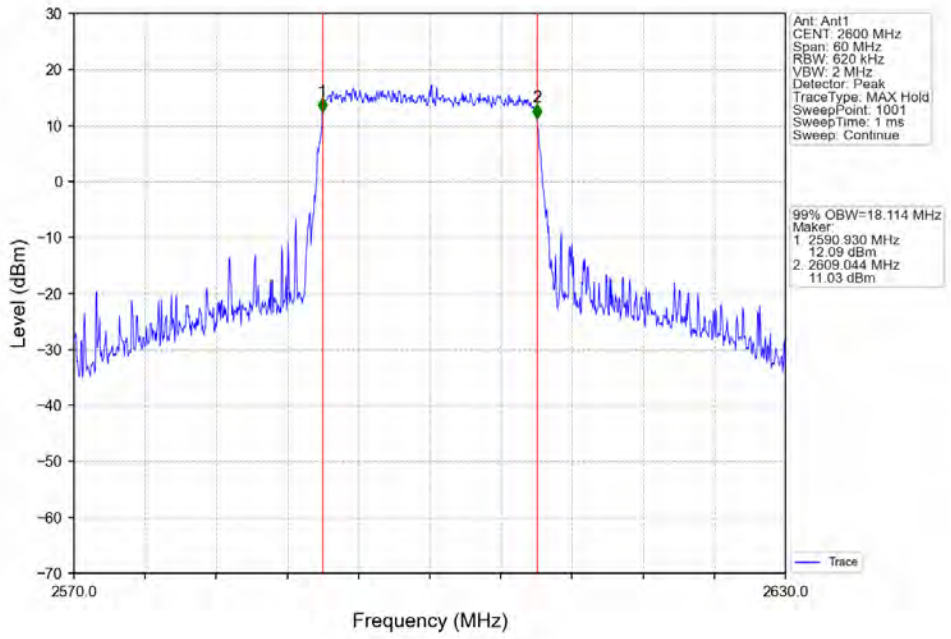
Band41_20MHz_QPSK_HCH_2640MHz_RB_100_0_NTNV



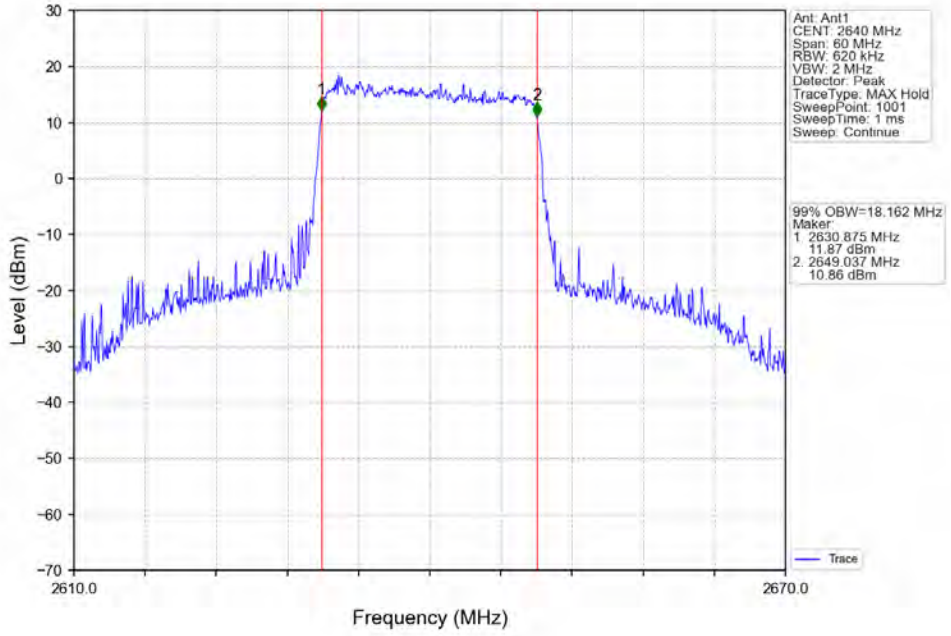
Band41_20MHz_16QAM_LCH_2560MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2600MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2640MHz_RB_100_0_NTNV



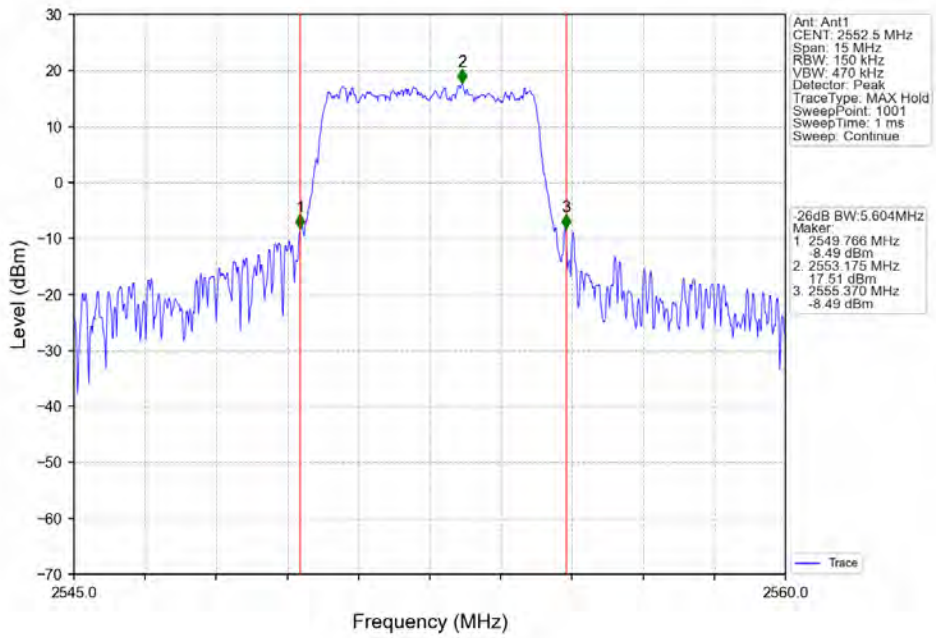
4.2 Band41_XDB

4.2.1 Test Result

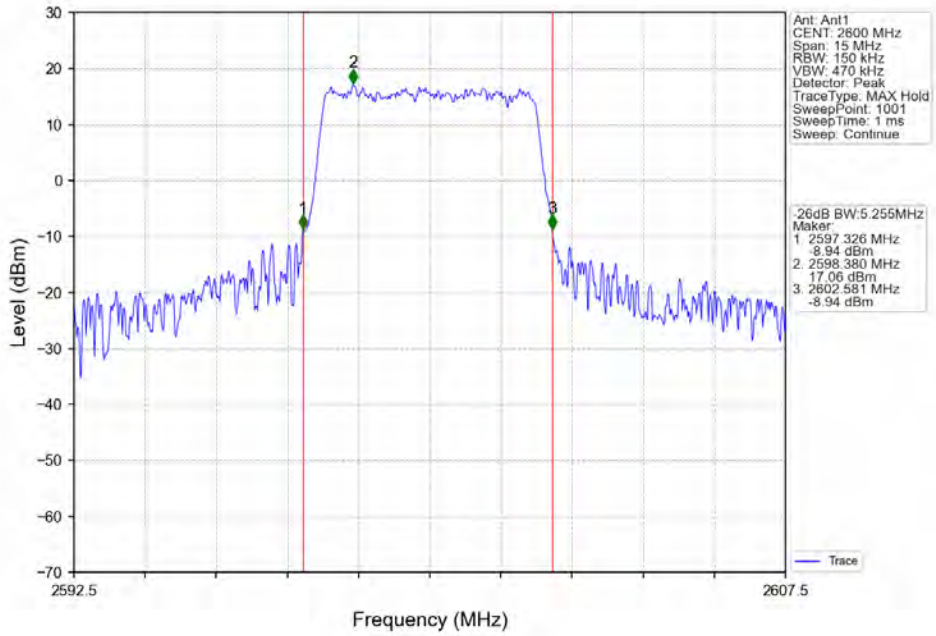
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2552.5	25	0	5.604	/	Pass
		2600	25	0	5.255	/	Pass
		2647.5	25	0	5.331	/	Pass
	16QAM	2552.5	25	0	5.329	/	Pass
		2600	25	0	5.375	/	Pass
		2647.5	25	0	5.440	/	Pass
10	QPSK	2555	50	0	11.189	/	Pass
		2600	50	0	11.288	/	Pass
		2645	50	0	10.685	/	Pass
	16QAM	2555	50	0	10.586	/	Pass
		2600	50	0	10.438	/	Pass
		2645	50	0	10.118	/	Pass
15	QPSK	2557.5	75	0	16.121	/	Pass
		2600	75	0	15.231	/	Pass
		2642.5	75	0	15.702	/	Pass
	16QAM	2557.5	75	0	17.306	/	Pass
		2600	75	0	15.202	/	Pass
		2642.5	75	0	15.167	/	Pass
20	QPSK	2560	100	0	20.179	/	Pass
		2600	100	0	22.090	/	Pass
		2640	100	0	20.716	/	Pass
	16QAM	2560	100	0	19.912	/	Pass
		2600	100	0	21.357	/	Pass
		2640	100	0	20.096	/	Pass

4.2.2 Test Graph

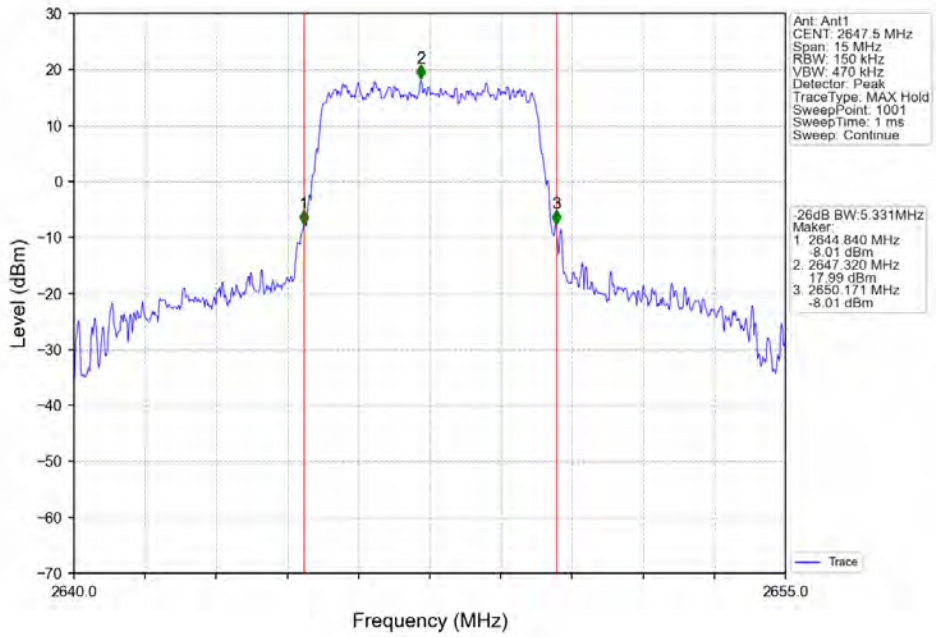
Band41_5MHz_QPSK_LCH_2552.5MHz_RB_25_0_NTNV



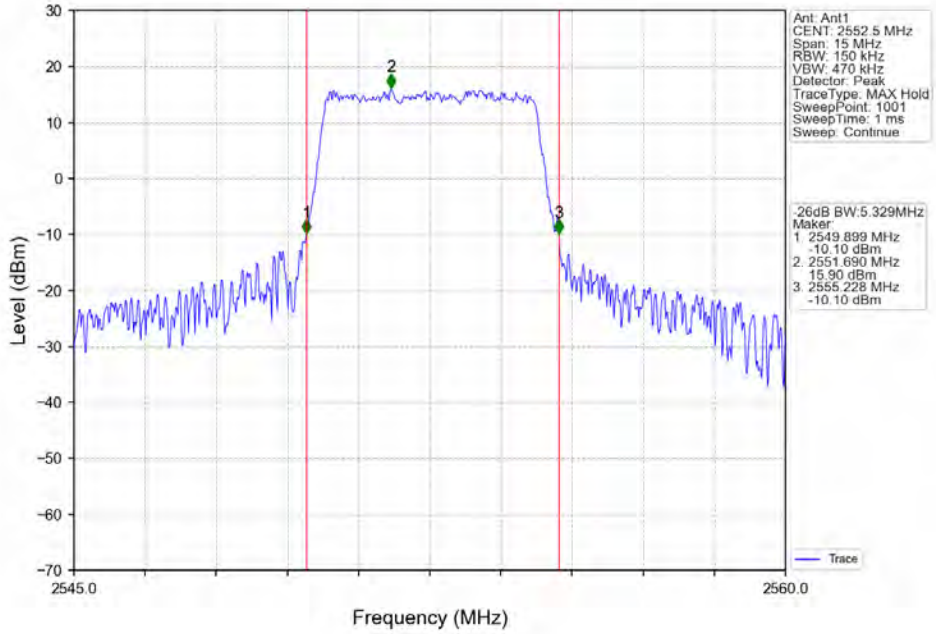
Band41_5MHz_QPSK_MCH_2600MHz_RB_25_0_NTNV



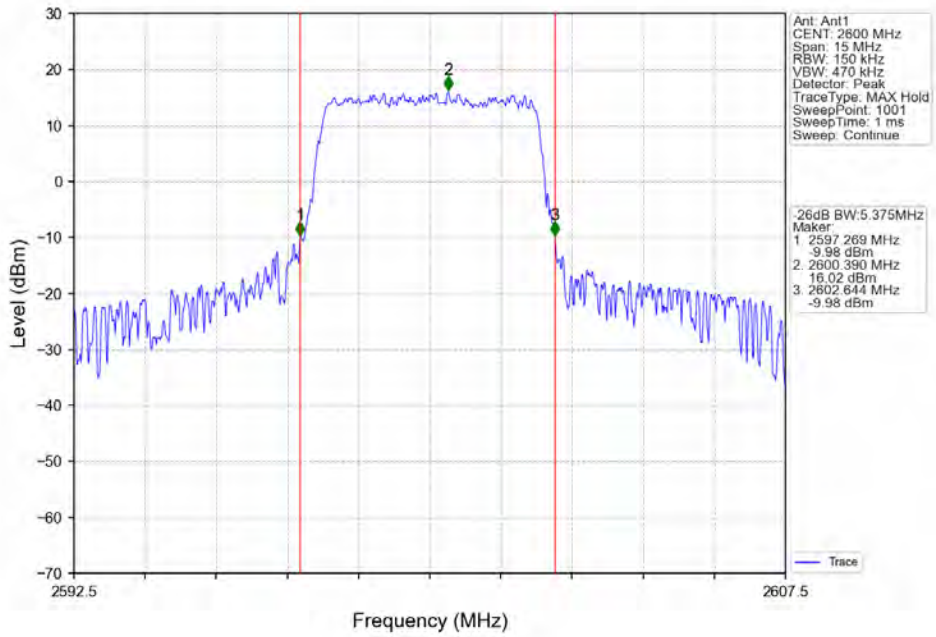
Band41_5MHz_QPSK_HCH_2647.5MHz_RB_25_0_NTNV



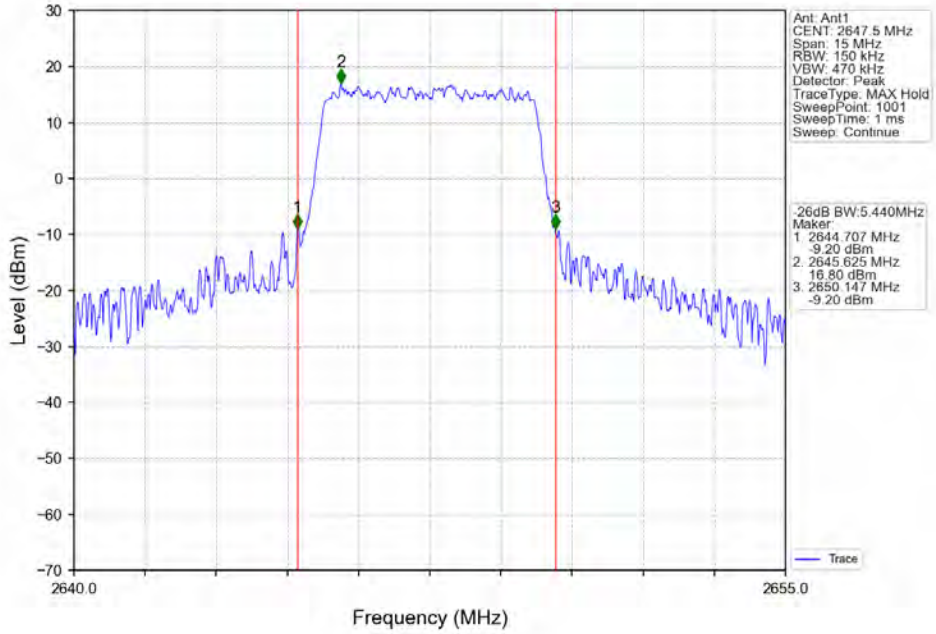
Band41_5MHz_16QAM_LCH_2552.5MHz_RB_25_0_NTNV



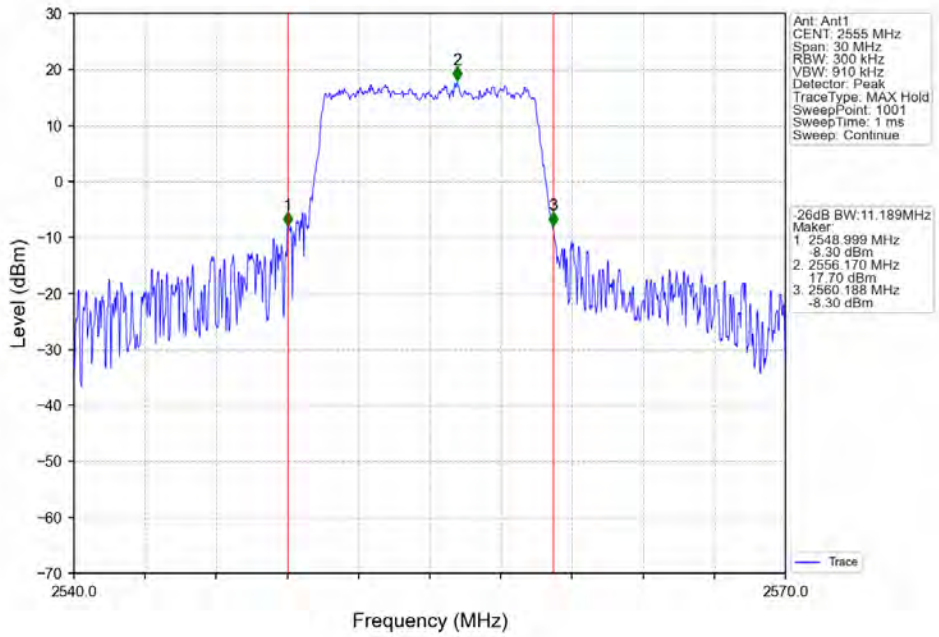
Band41_5MHz_16QAM_MCH_2600MHz_RB_25_0_NTNV



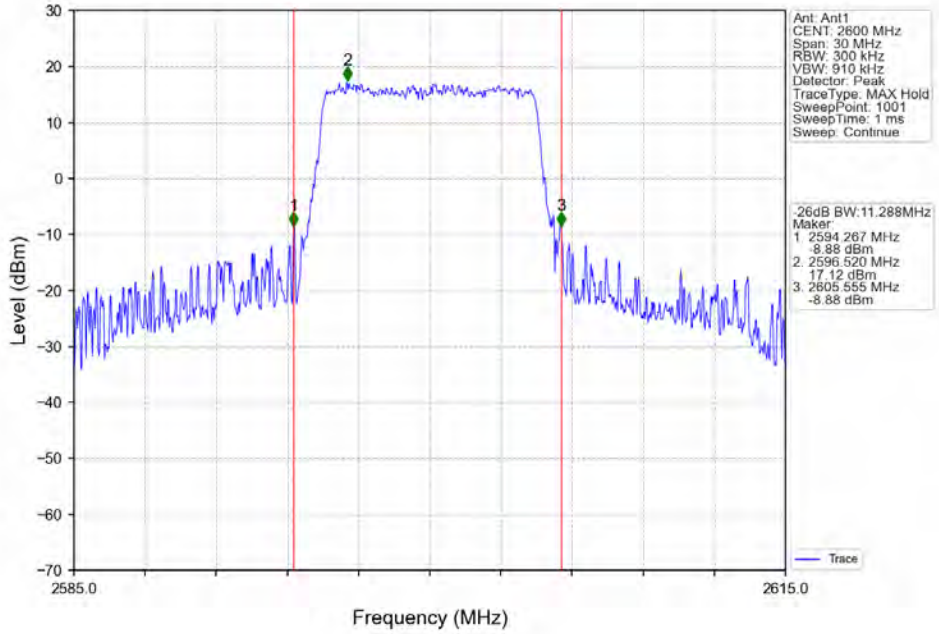
Band41_5MHz_16QAM_HCH_2647.5MHz_RB_25_0_NTNV



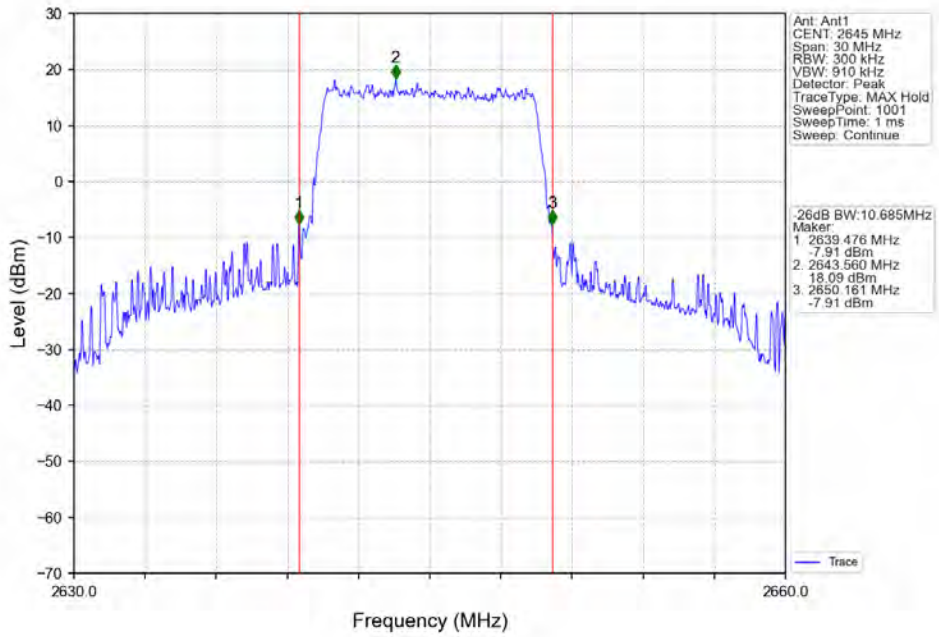
Band41_10MHz_QPSK_LCH_2555MHz_RB_50_0_NTNV



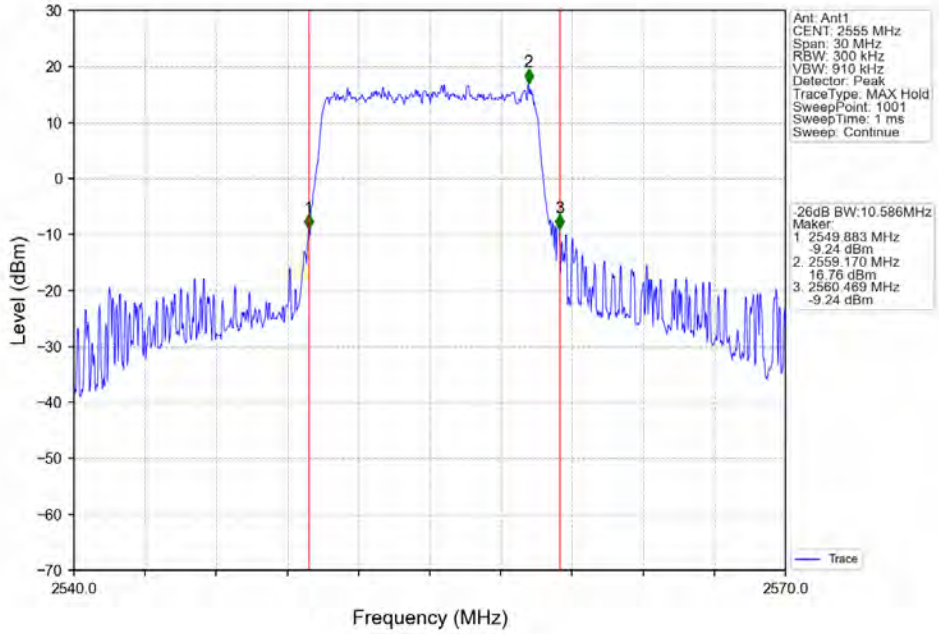
Band41_10MHz_QPSK_MCH_2600MHz_RB_50_0_NTNV



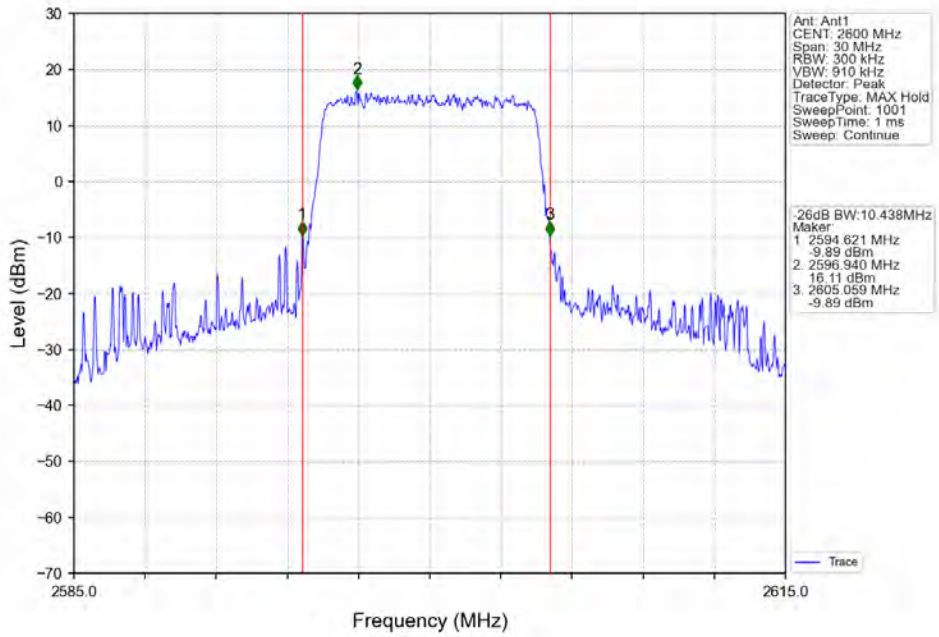
Band41_10MHz_QPSK_HCH_2645MHz_RB_50_0_NTNV



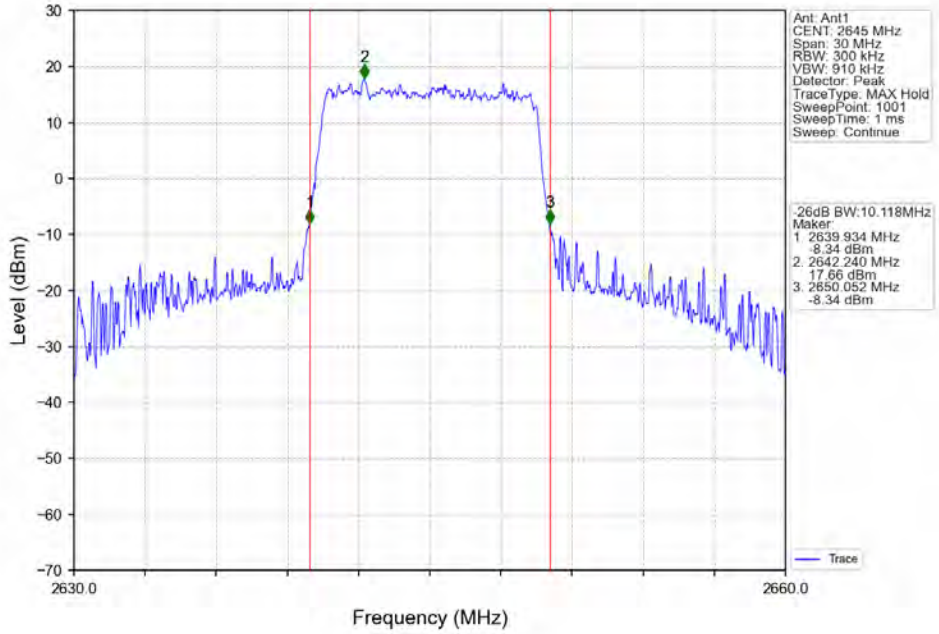
Band41_10MHz_16QAM_LCH_2555MHz_RB_50_0_NTNV



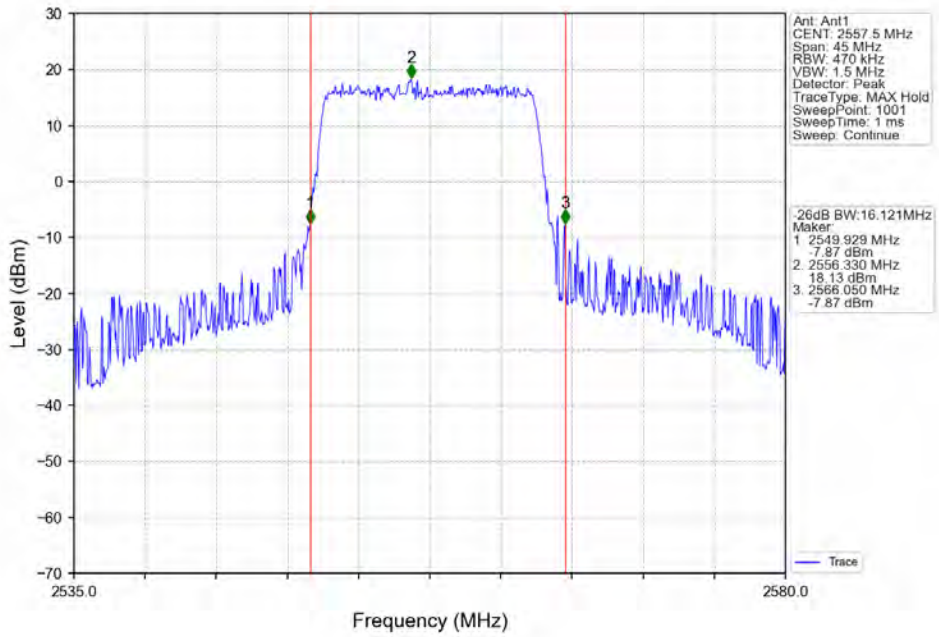
Band41_10MHz_16QAM_MCH_2600MHz_RB_50_0_NTNV



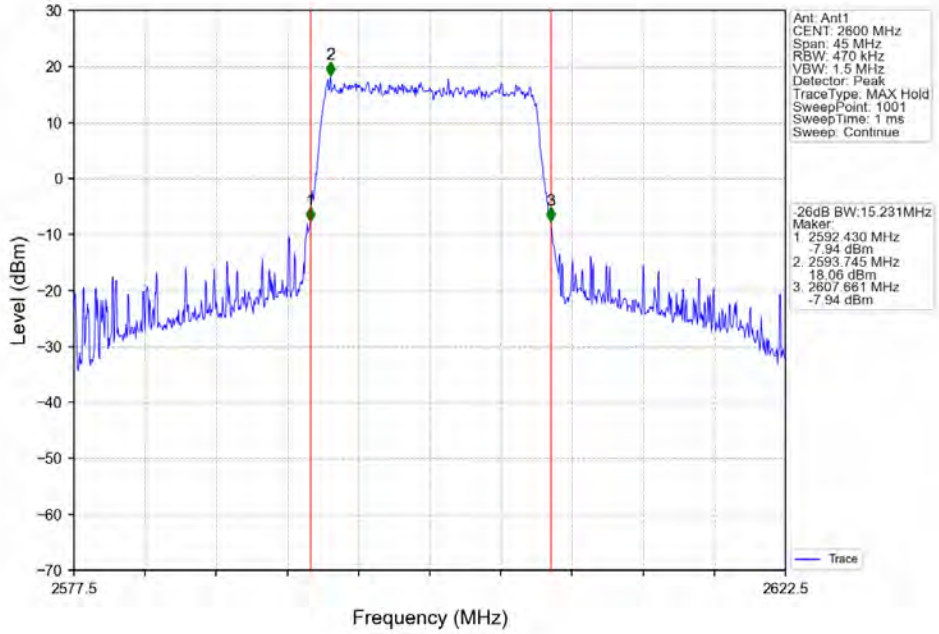
Band41_10MHz_16QAM_HCH_2645MHz_RB_50_0_NTNV



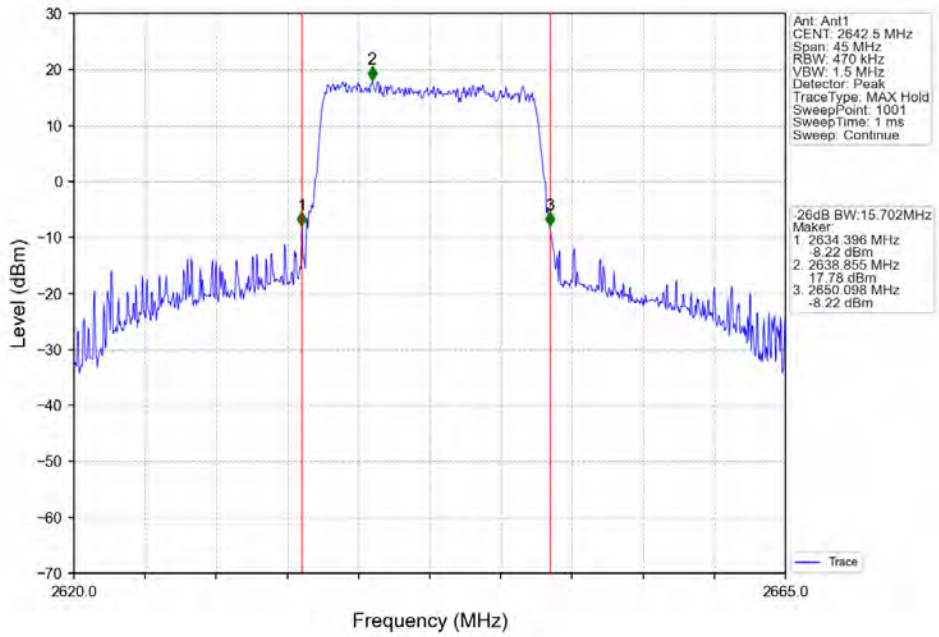
Band41_15MHz_QPSK_LCH_2557.5MHz_RB_75_0_NTNV



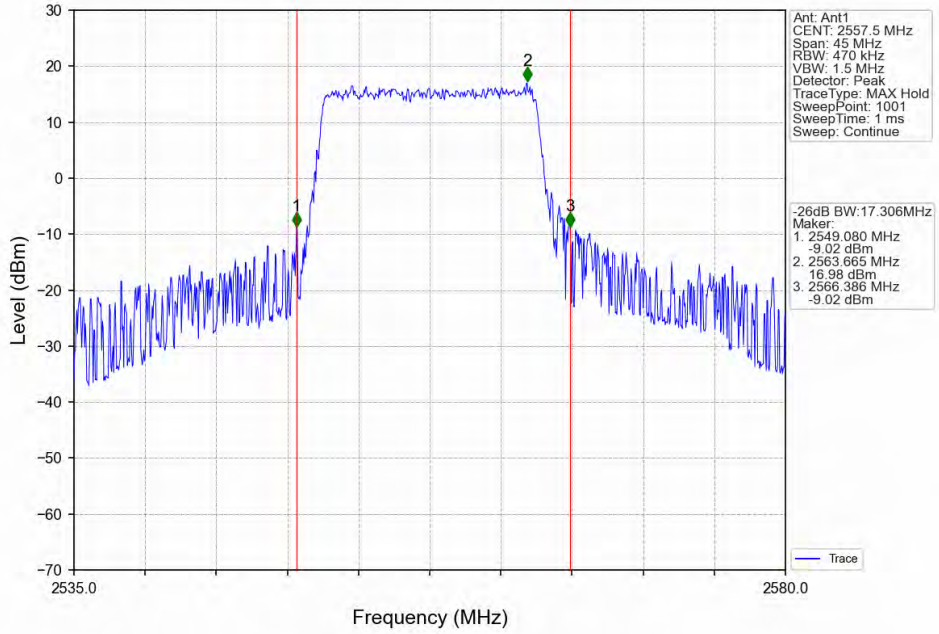
Band41_15MHz_QPSK_MCH_2600MHz_RB_75_0_NTNV



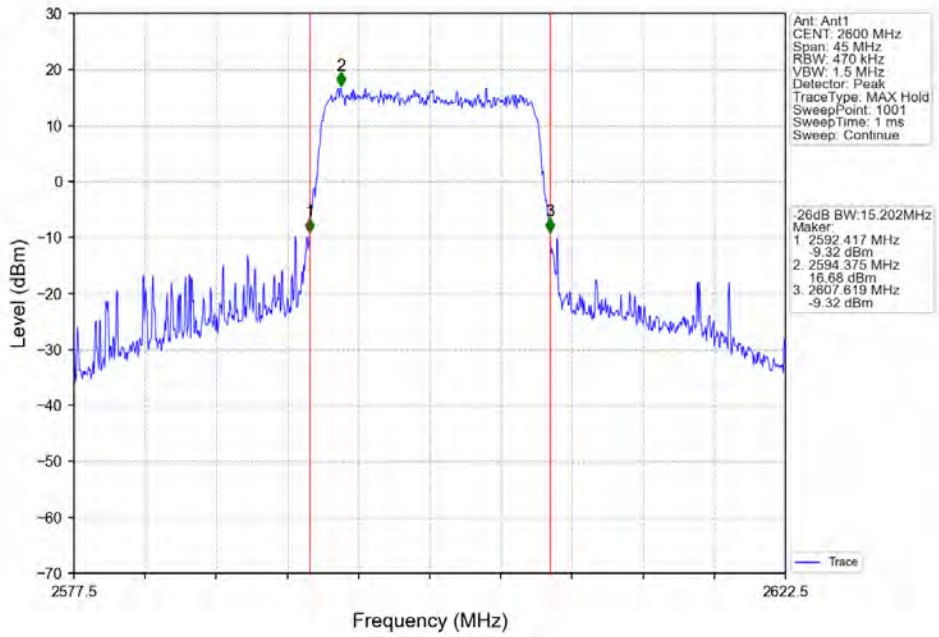
Band41_15MHz_QPSK_HCH_2642.5MHz_RB_75_0_NTNV



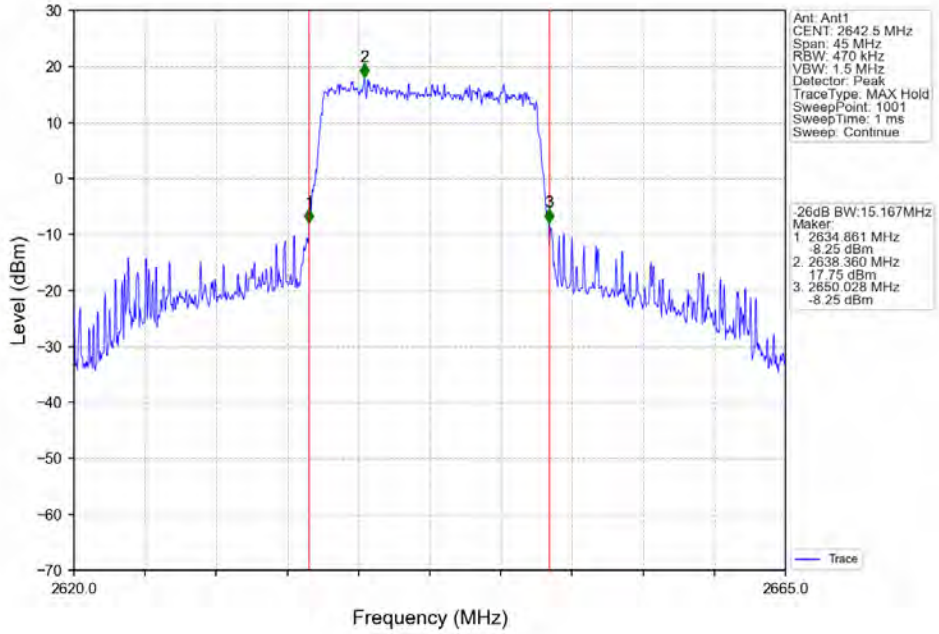
Band41_15MHz_16QAM_LCH_2557.5MHz_RB_75_0_NTNV



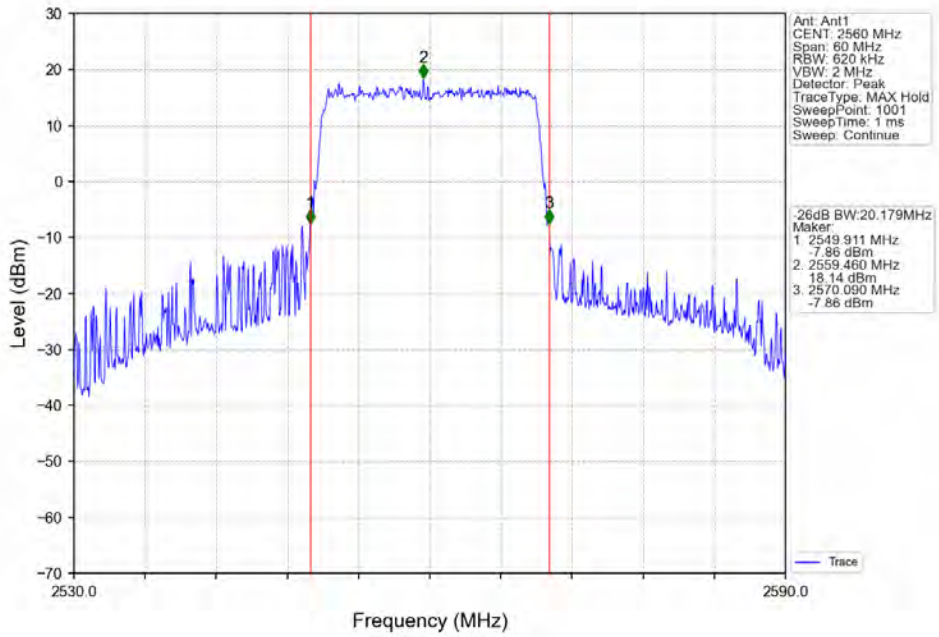
Band41_15MHz_16QAM_MCH_2600MHz_RB_75_0_NTNV



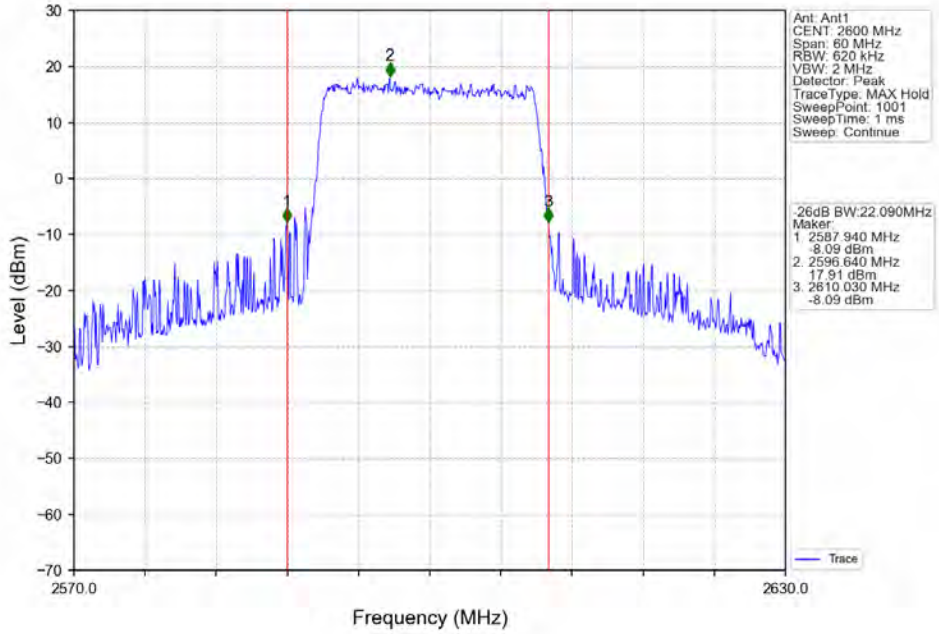
Band41_15MHz_16QAM_HCH_2642.5MHz_RB_75_0_NTNV



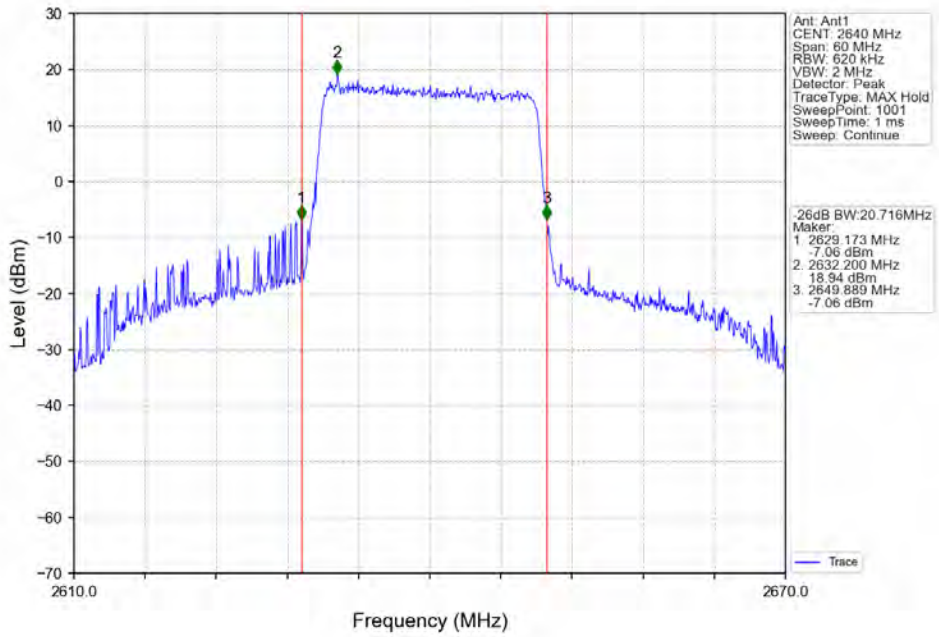
Band41_20MHz_QPSK_LCH_2560MHz_RB_100_0_NTNV



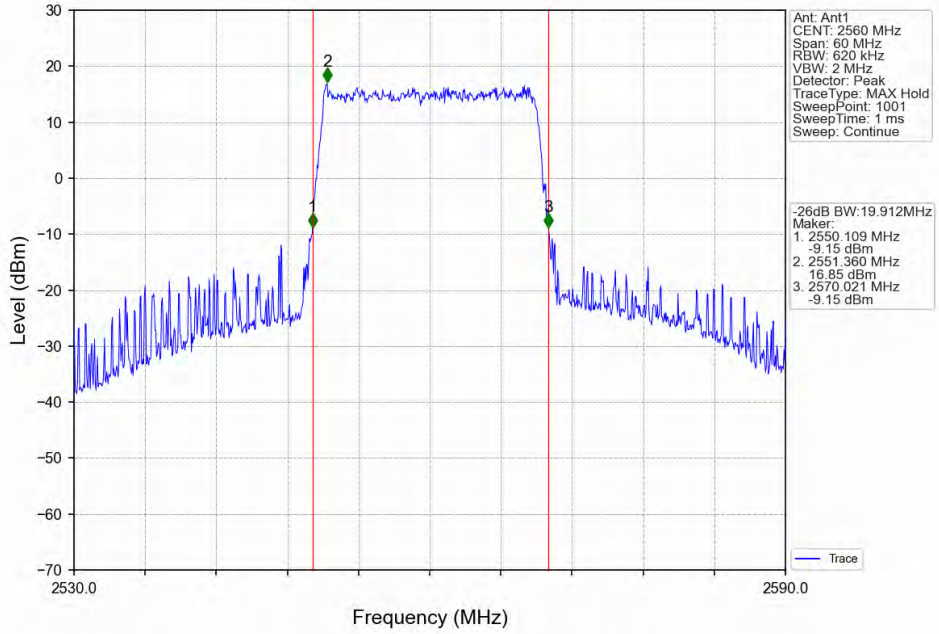
Band41_20MHz_QPSK_MCH_2600MHz_RB_100_0_NTNV



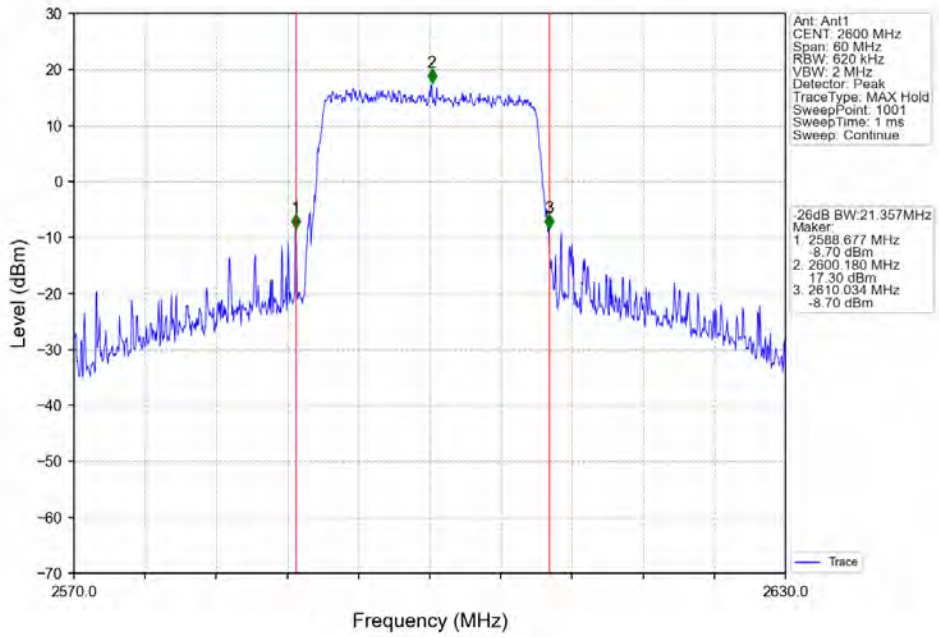
Band41_20MHz_QPSK_HCH_2640MHz_RB_100_0_NTNV



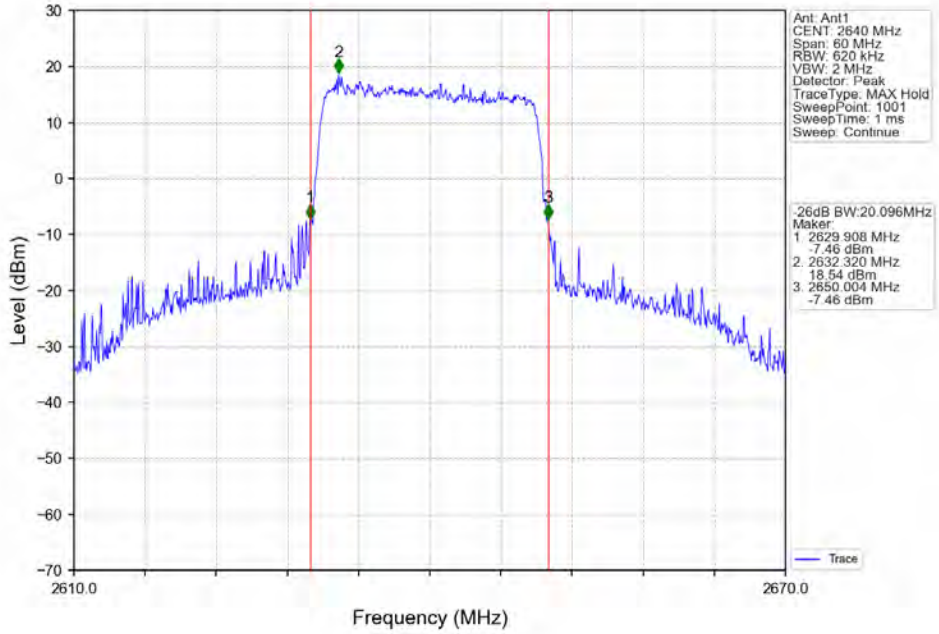
Band41_20MHz_16QAM_LCH_2560MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2600MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2640MHz_RB_100_0_NTNV



5. Peak-Average Ratio

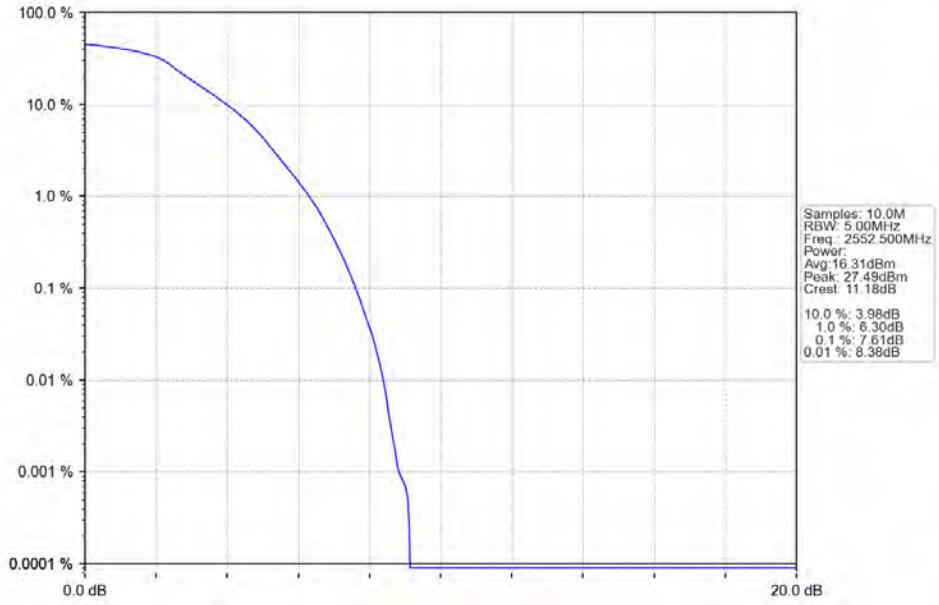
5.1 B41_5MHz

5.1.1 Test Result

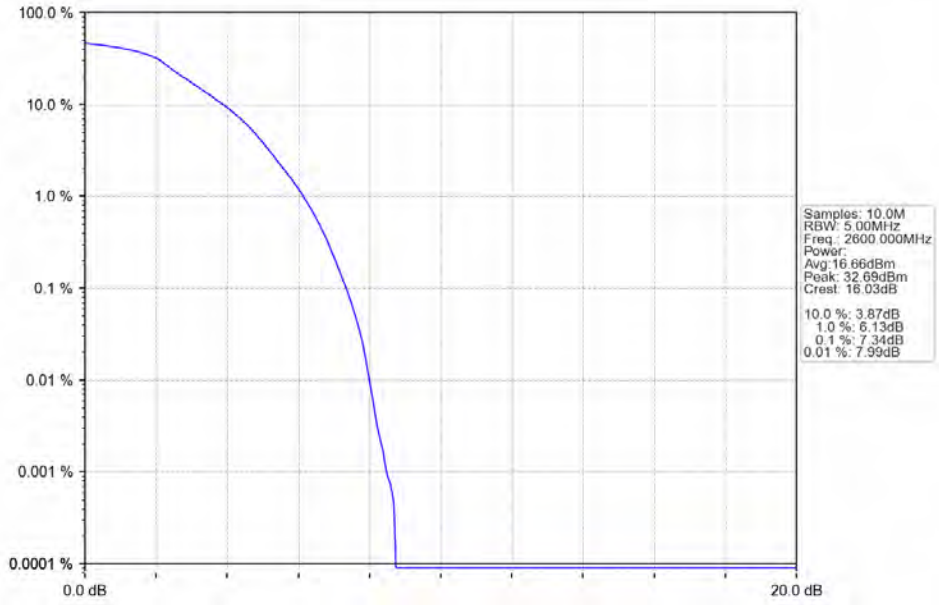
Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2552.5	25	0	7.61	<=13	Pass
	2600	25	0	7.34	<=13	Pass
	2647.5	25	0	7.58	<=13	Pass
16QAM	2552.5	25	0	8.20	<=13	Pass
	2600	25	0	8.21	<=13	Pass
	2647.5	25	0	8.36	<=13	Pass

5.1.2 Test Graph

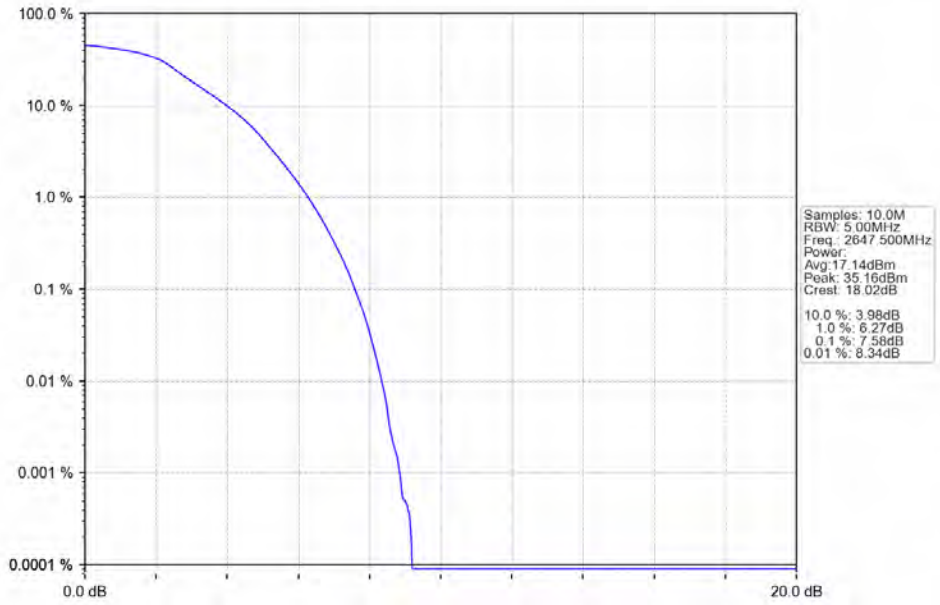
Band41_5MHz_QPSK_LCH_2552.5MHz_RB_25_0_NTNV



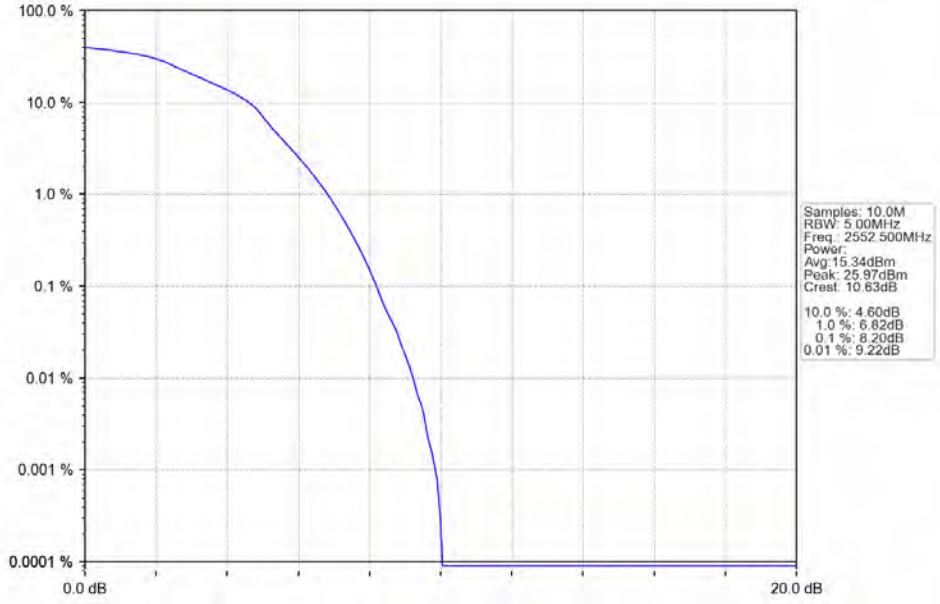
Band41_5MHz_QPSK_MCH_2600MHz_RB_25_0_NTNV



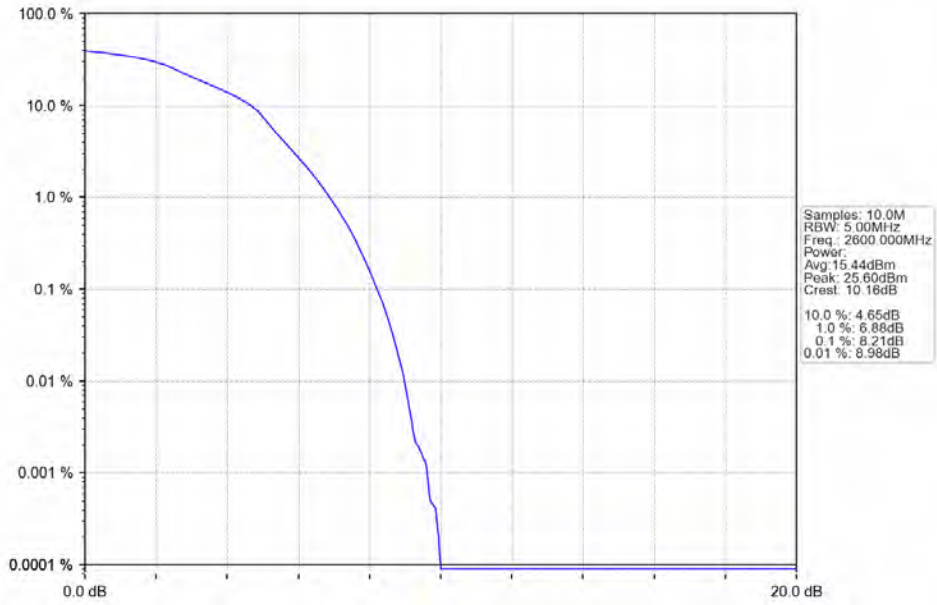
Band41_5MHz_QPSK_HCH_2647.5MHz_RB_25_0_NTNV



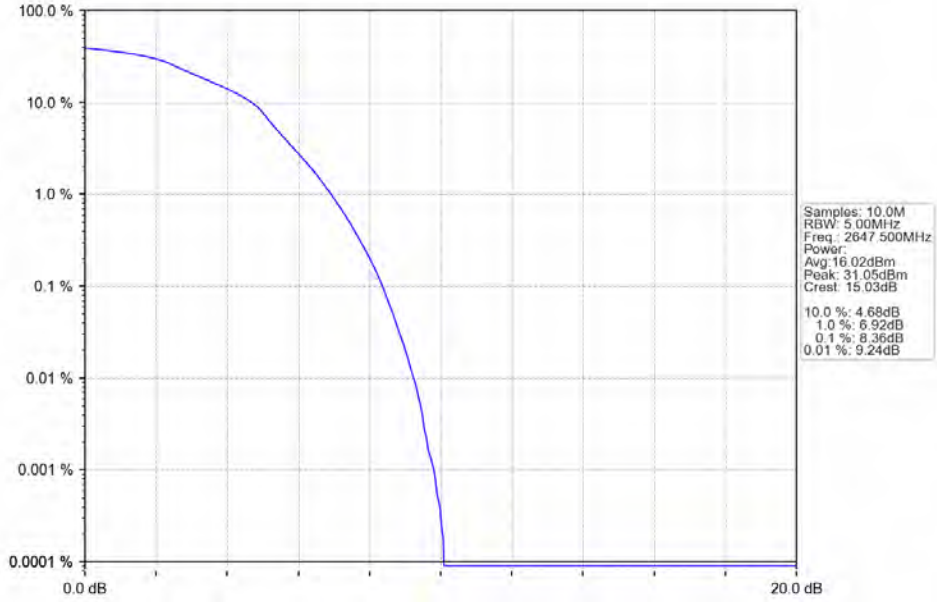
Band41_5MHz_16QAM_LCH_2552.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_MCH_2600MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_HCH_2647.5MHz_RB_25_0_NTNV



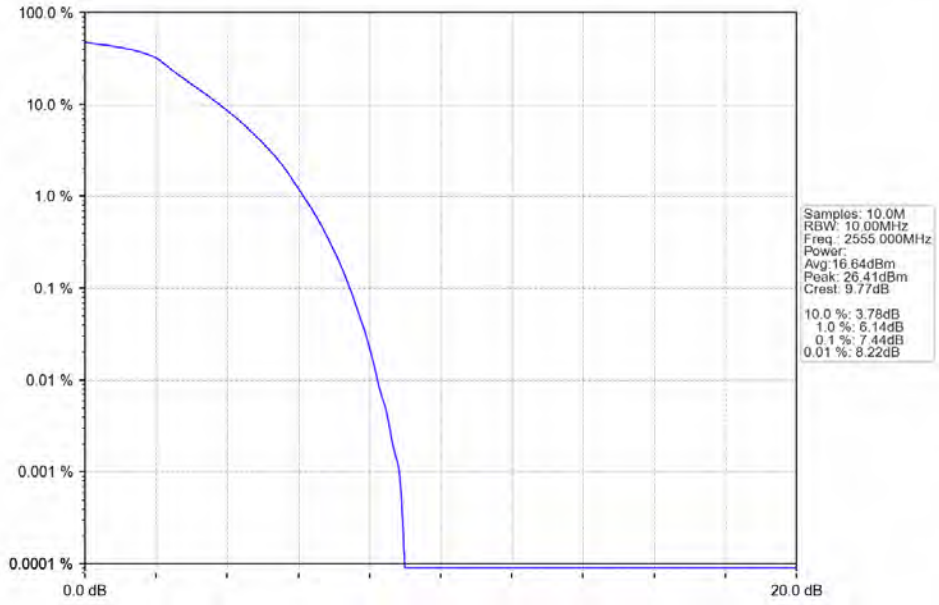
5.2 B41_10MHz

5.2.1 Test Result

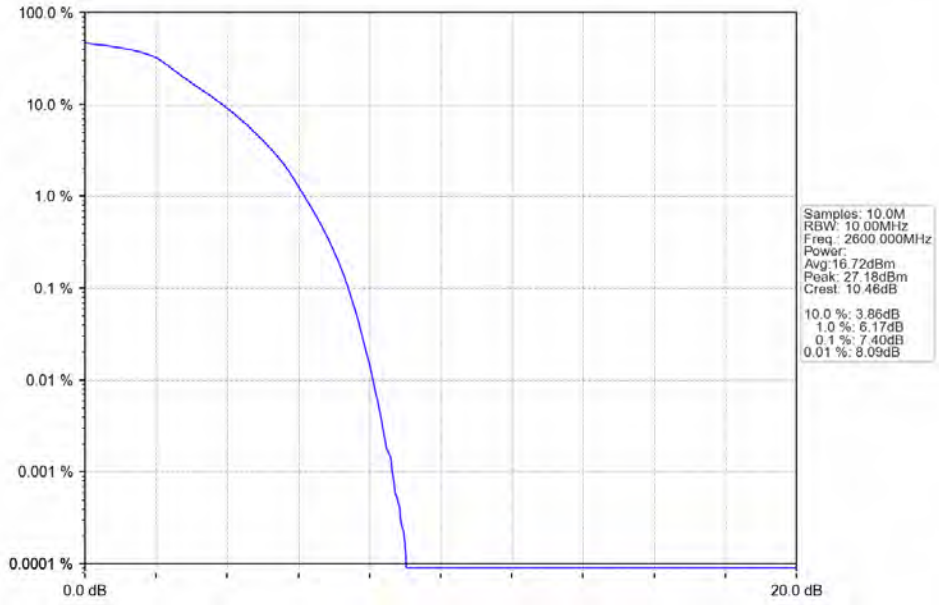
Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2555	50	0	7.44	<=13	Pass
	2600	50	0	7.40	<=13	Pass
	2645	50	0	7.42	<=13	Pass
16QAM	2555	50	0	7.88	<=13	Pass
	2600	50	0	8.35	<=13	Pass
	2645	50	0	7.95	<=13	Pass

5.2.2 Test Graph

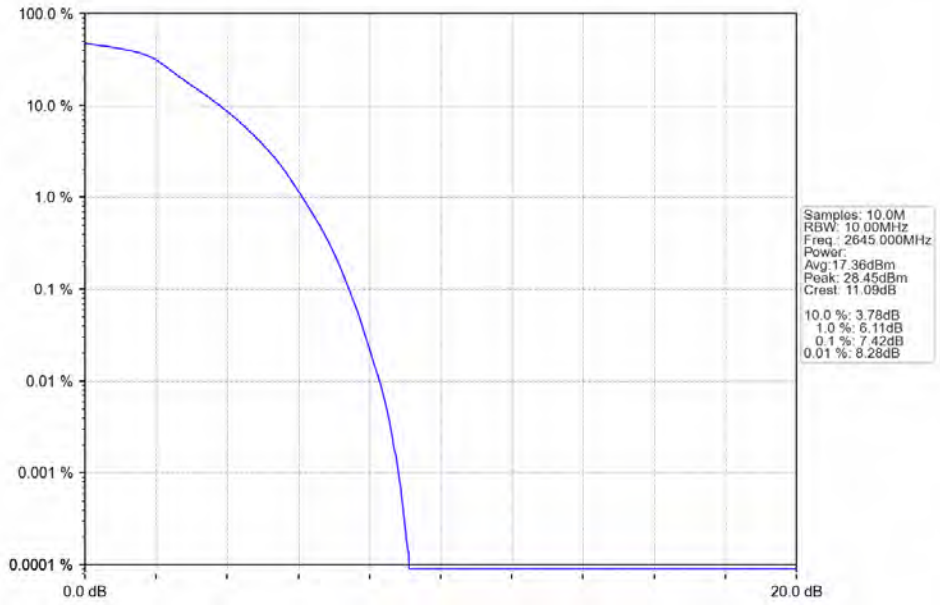
Band41_10MHz_QPSK_LCH_2555MHz_RB_50_0_NTNV



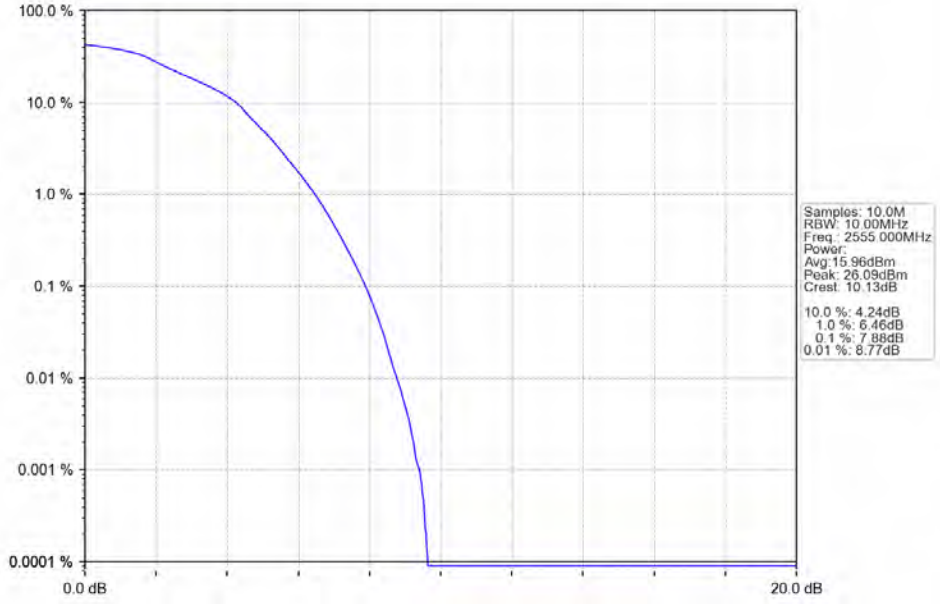
Band41_10MHz_QPSK_MCH_2600MHz_RB_50_0_NTNV



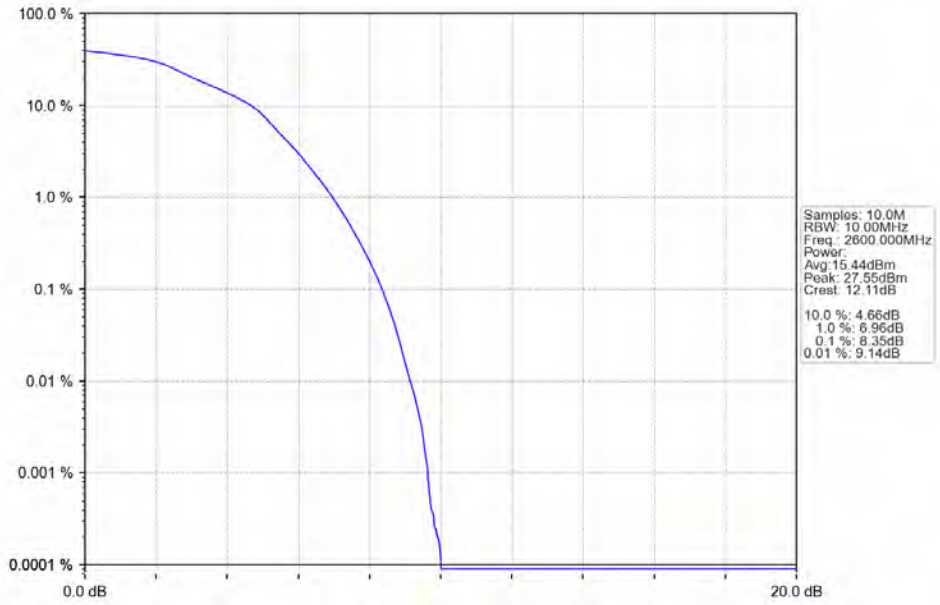
Band41_10MHz_QPSK_HCH_2645MHz_RB_50_0_NTNV



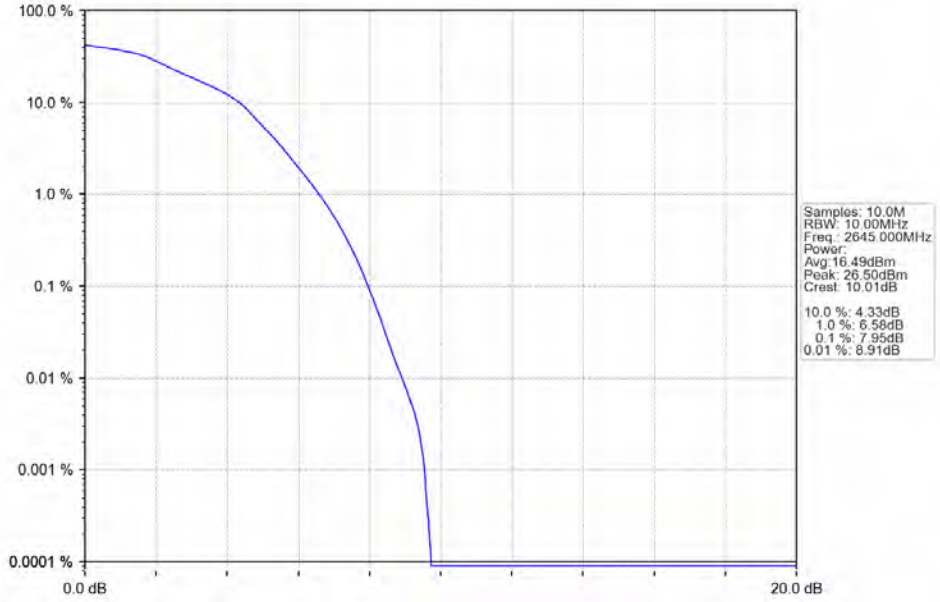
Band41_10MHz_16QAM_LCH_2555MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_MCH_2600MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_HCH_2645MHz_RB_50_0_NTNV



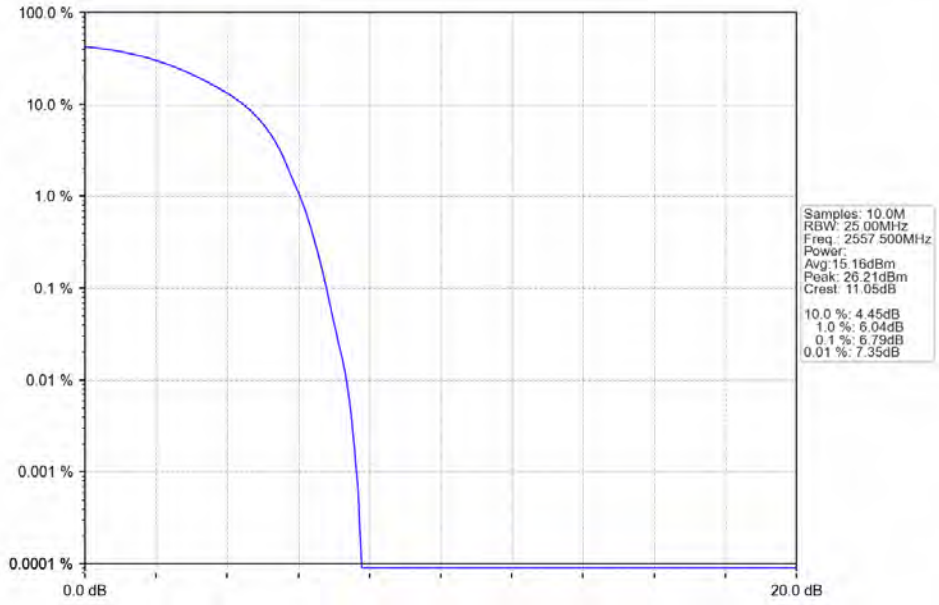
5.3 B41_15MHz

5.3.1 Test Result

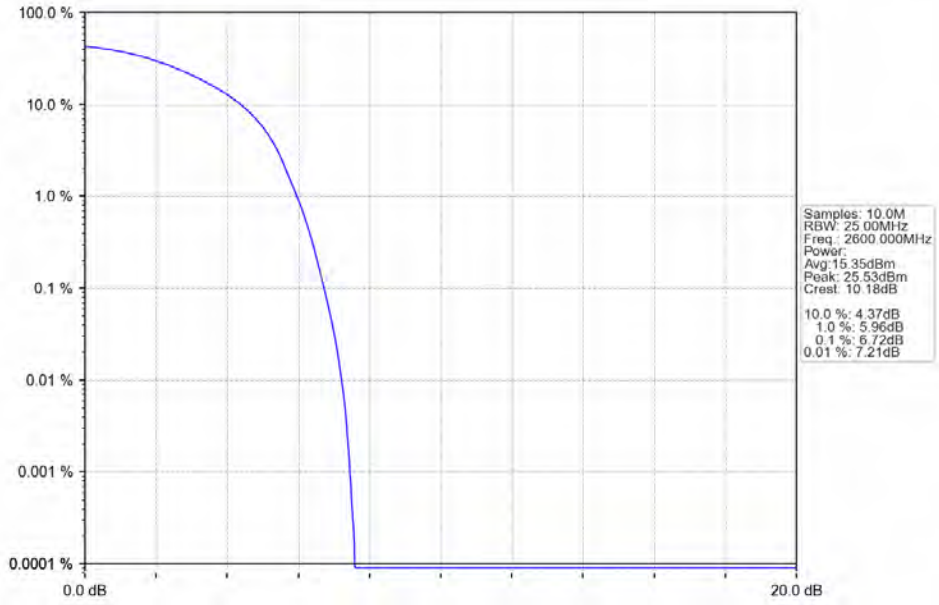
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2557.5	75	0	6.79	<=13	Pass
	2600	75	0	6.72	<=13	Pass
	2642.5	75	0	6.98	<=13	Pass
16QAM	2557.5	75	0	8.49	<=13	Pass
	2600	75	0	8.56	<=13	Pass
	2642.5	75	0	8.26	<=13	Pass

5.3.2 Test Graph

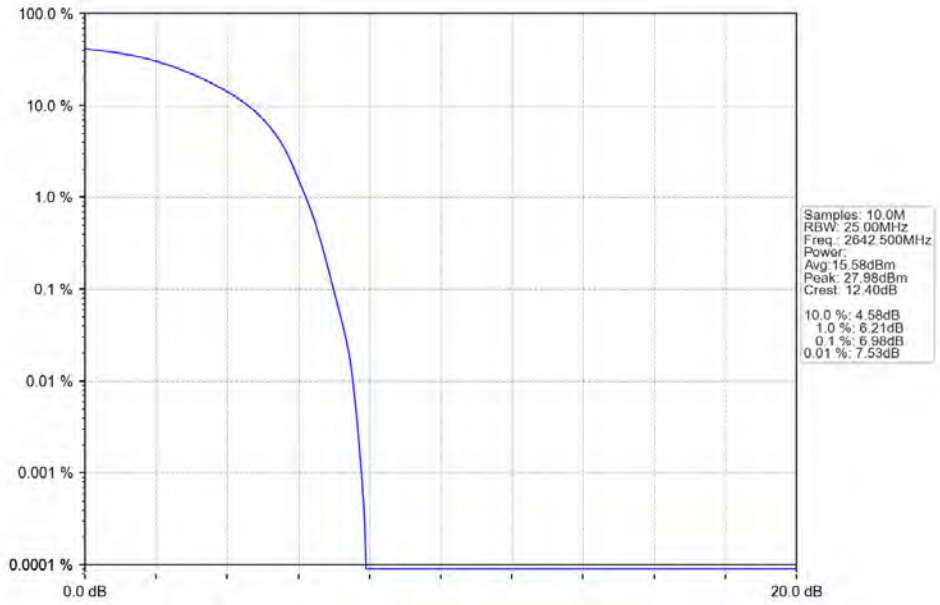
Band41_15MHz_QPSK_LCH_2557.5MHz_RB_75_0_NTNV



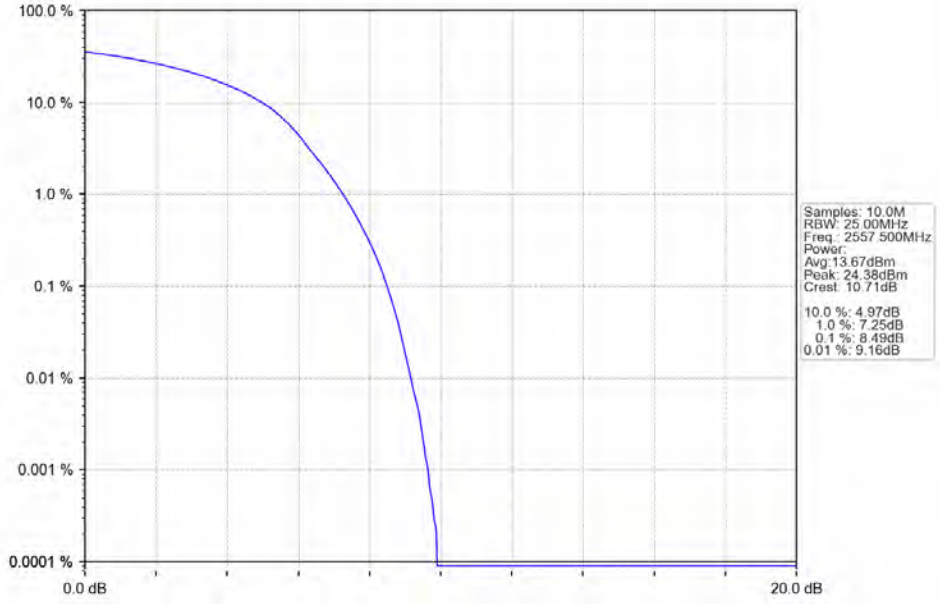
Band41_15MHz_QPSK_MCH_2600MHz_RB_75_0_NTNV



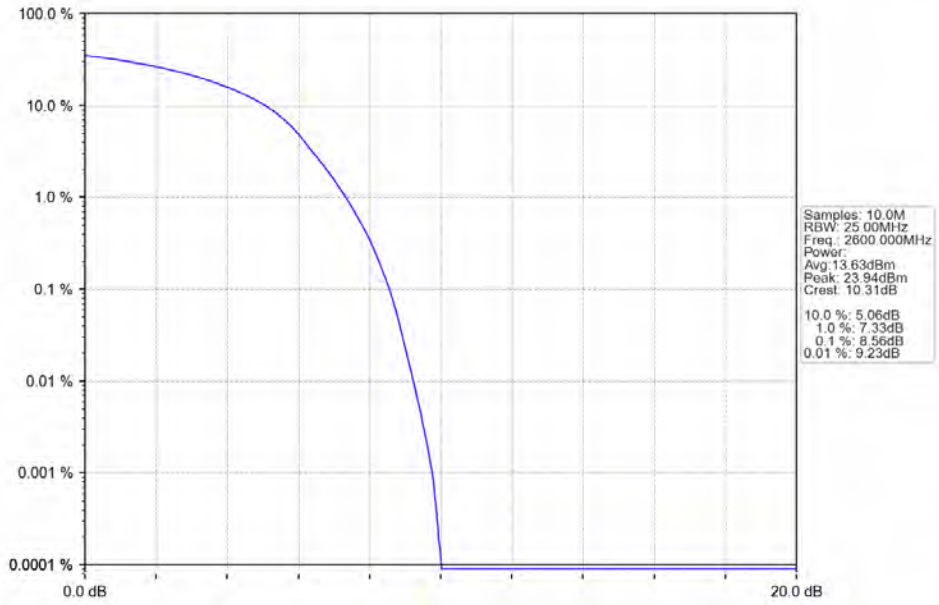
Band41_15MHz_QPSK_HCH_2642.5MHz_RB_75_0_NTNV



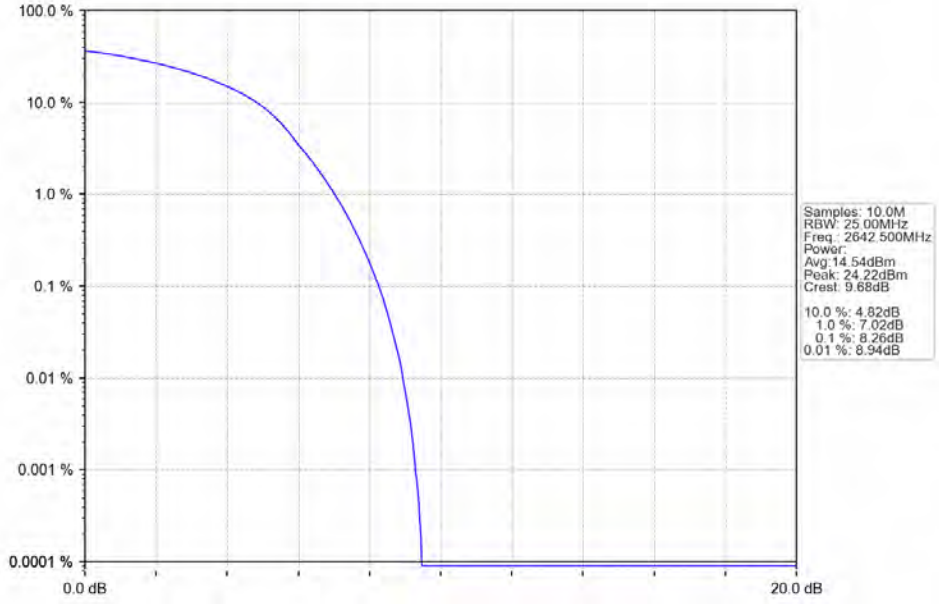
Band41_15MHz_16QAM_LCH_2557.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_MCH_2600MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_HCH_2642.5MHz_RB_75_0_NTNV



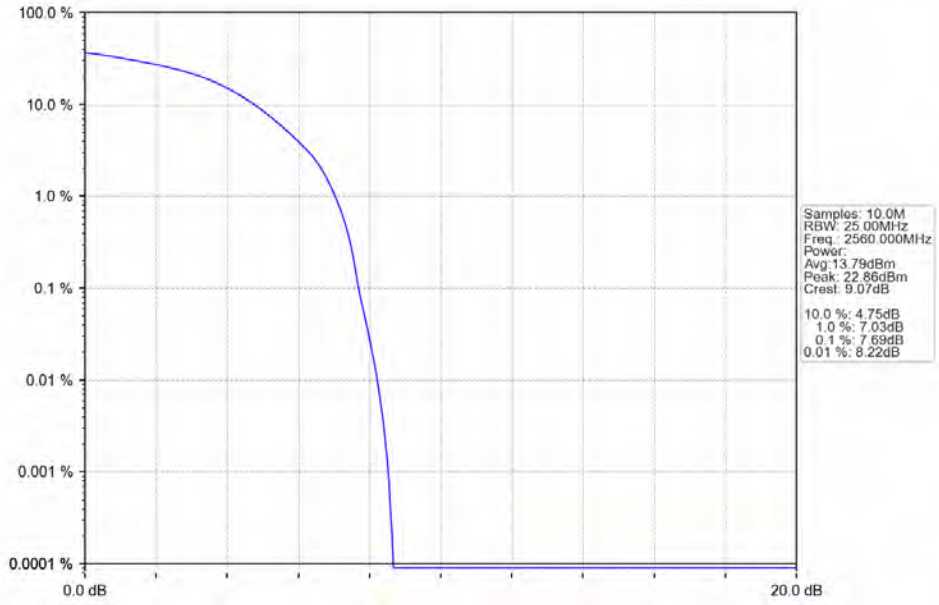
5.4 B41_20MHz

5.4.1 Test Result

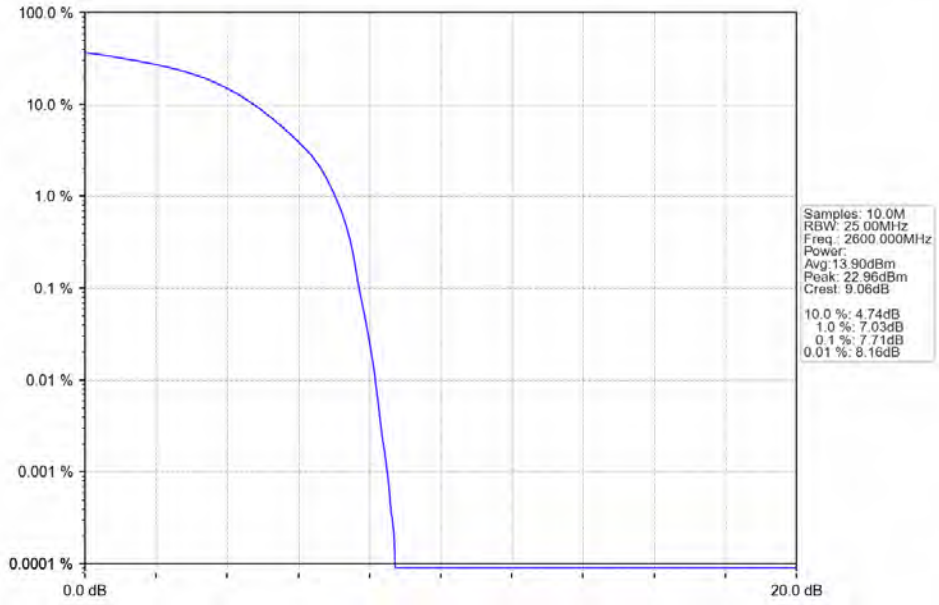
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2560	100	0	7.69	<=13	Pass
	2600	100	0	7.71	<=13	Pass
	2640	100	0	7.71	<=13	Pass
16QAM	2560	100	0	8.87	<=13	Pass
	2600	100	0	8.70	<=13	Pass
	2640	100	0	8.86	<=13	Pass

5.4.2 Test Graph

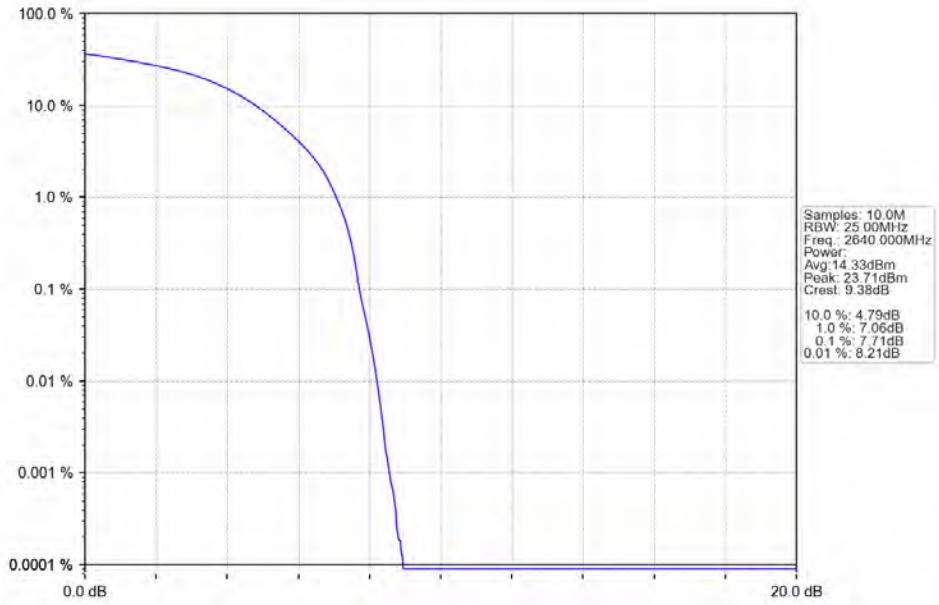
Band41_20MHz_QPSK_LCH_2560MHz_RB_100_0_NTNV



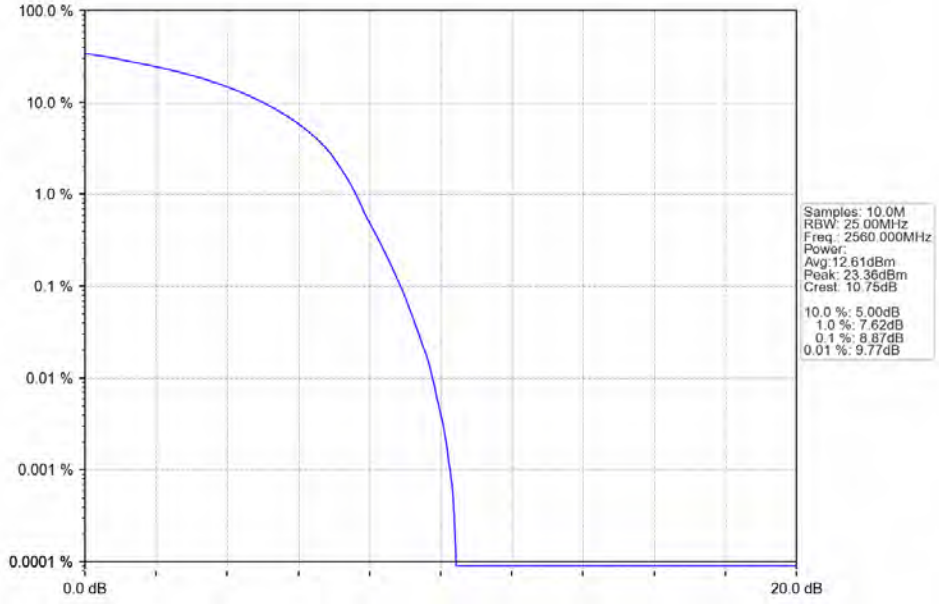
Band41_20MHz_QPSK_MCH_2600MHz_RB_100_0_NTNV



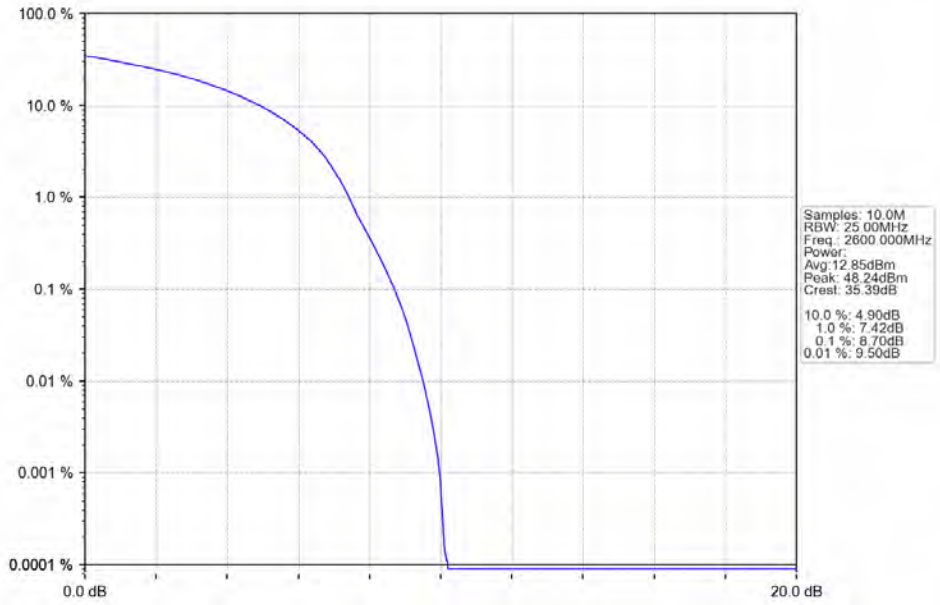
Band41_20MHz_QPSK_HCH_2640MHz_RB_100_0_NTNV



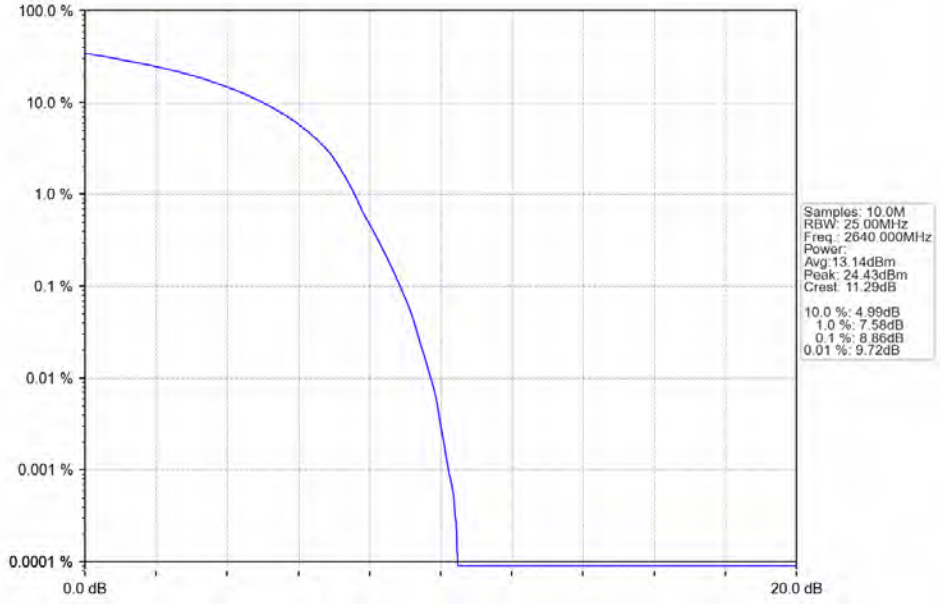
Band41_20MHz_16QAM_LCH_2560MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2600MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2640MHz_RB_100_0_NTNV



6. Spurious Emission

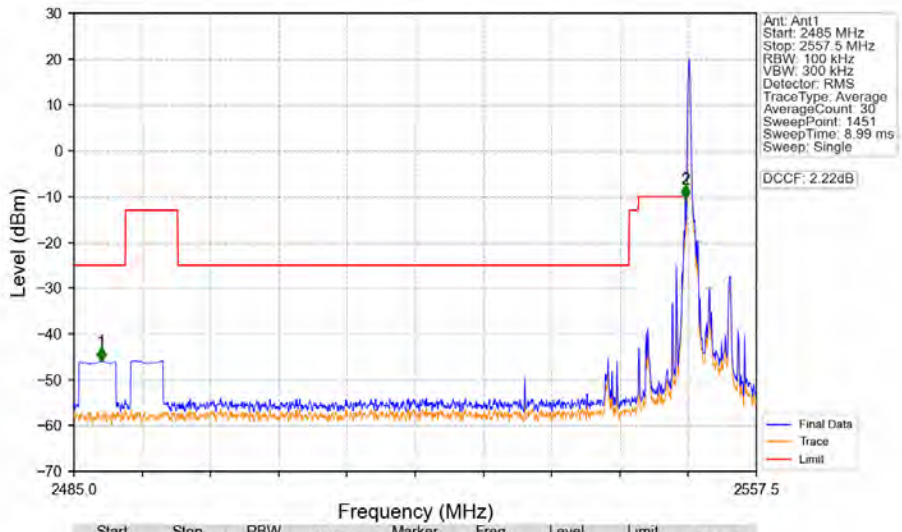
6.1 B41_5MHz

6.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2552.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2600	1	0	Refer To Test Graph		Pass
	2647.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2552.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2600	1	0	Refer To Test Graph		Pass
	2647.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

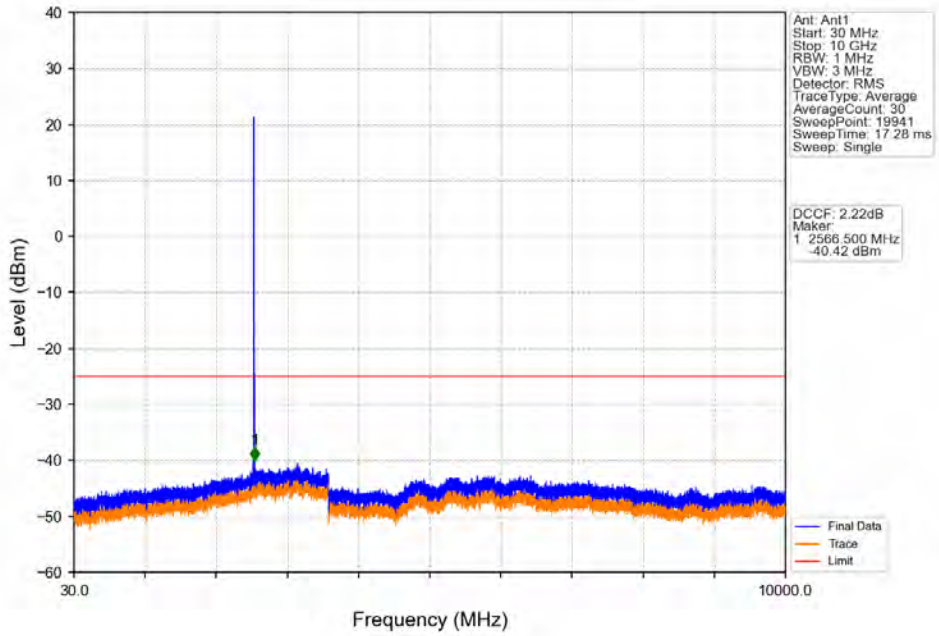
6.1.2 Test Graph

Band41_5MHz_QPSK_LCH_2552.5MHz_RB_1_0_NTNV

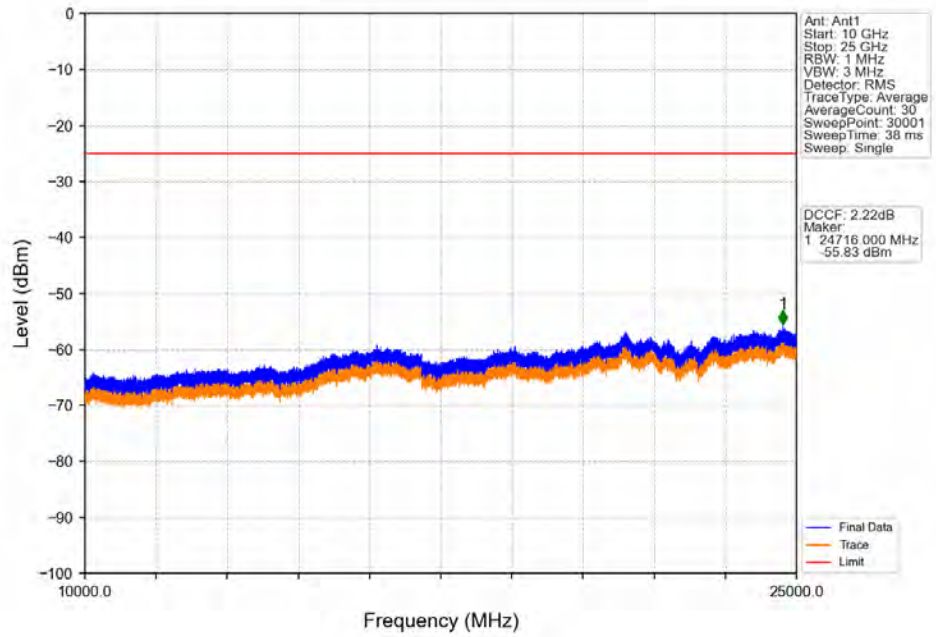


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2487.900	-46.01	-25	Pass
2495	2557.5	0.1	/	2	2549.950	-10.52	-10	Pass
2557.5	2557.5	0.1	/	/	/	/	/	/

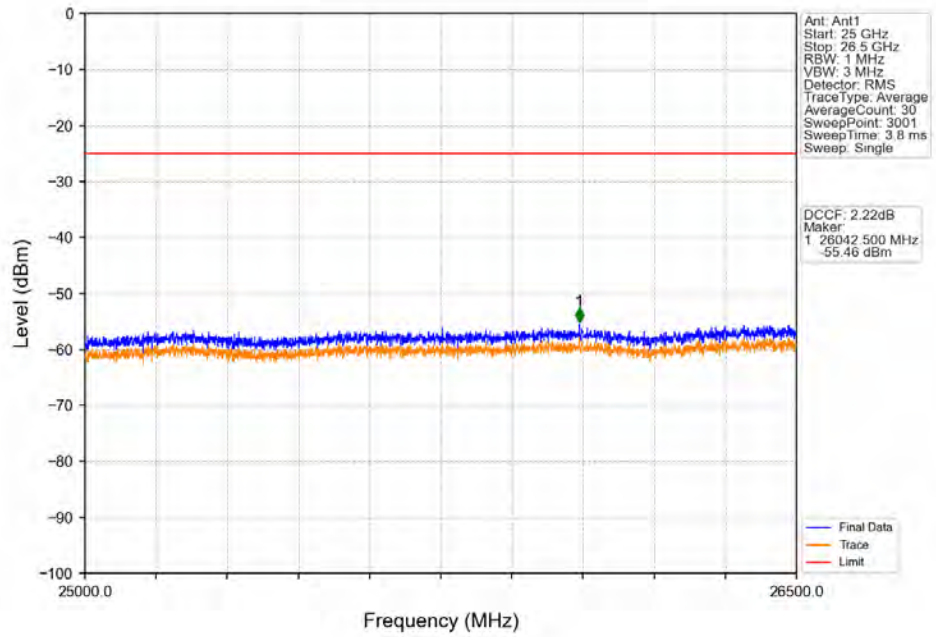
Band41_5MHz_QPSK_LCH_2552.5MHz_RB_1_0_NTNV



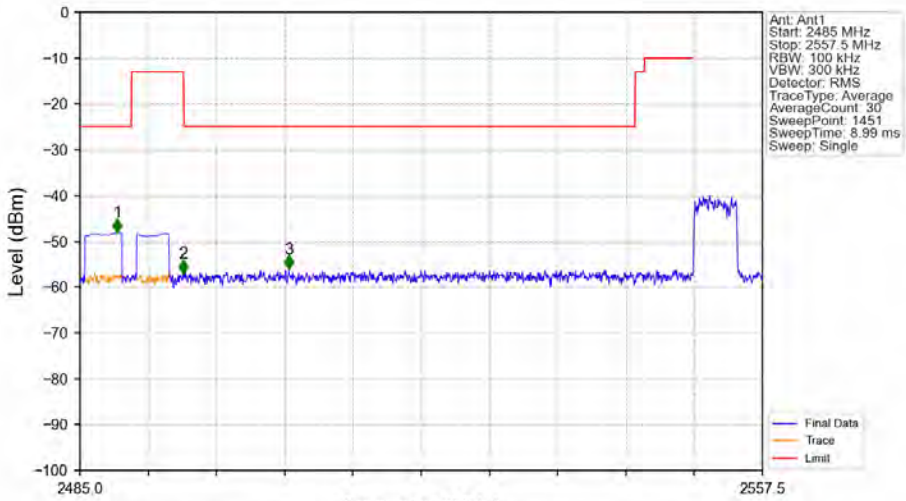
Band41_5MHz_QPSK_LCH_2552.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2552.5MHz_RB_1_0_NTNV

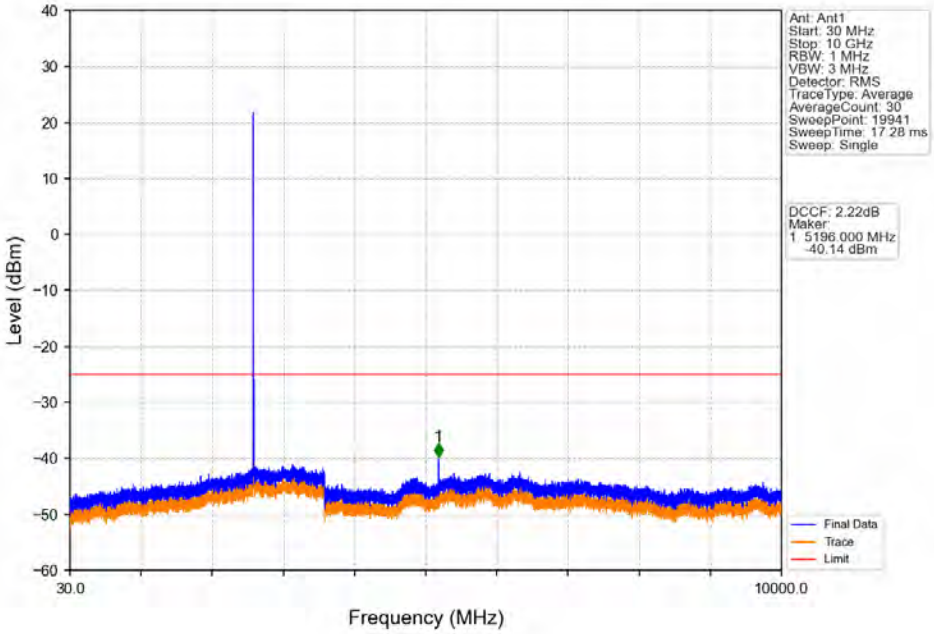


Band41_5MHz_QPSK_LCH_2552.5MHz_RB_25_0_NTNV

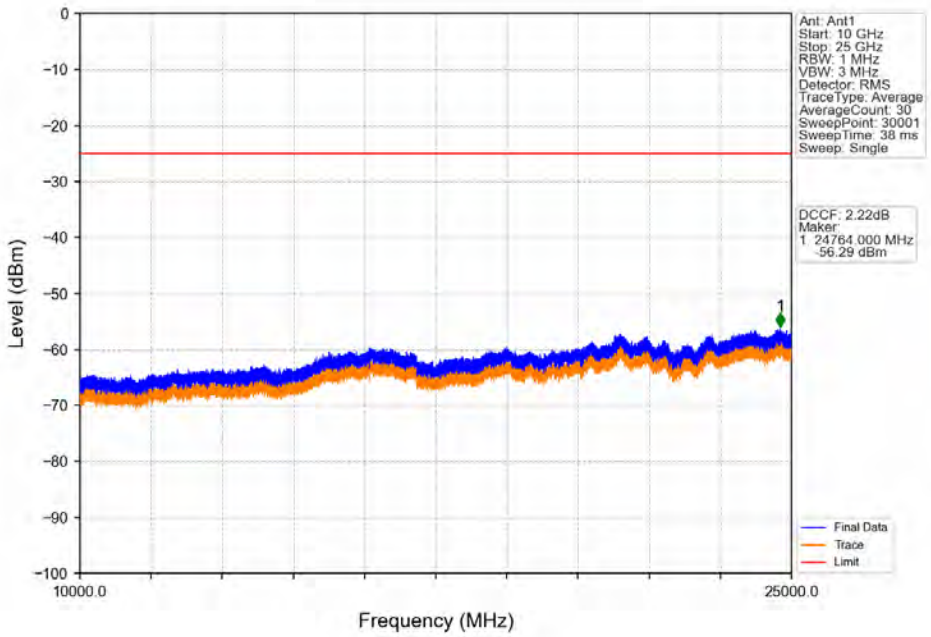


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2488.950	-48.09	-25	Pass
2495	2496	0.1	/	2	2495.950	-57.06	-13	Pass
2496	2557.5	0.112	/	3	2507.200	-56.07	-25	Pass
2557.5	2557.5	0.112	/	/	/	/	/	/

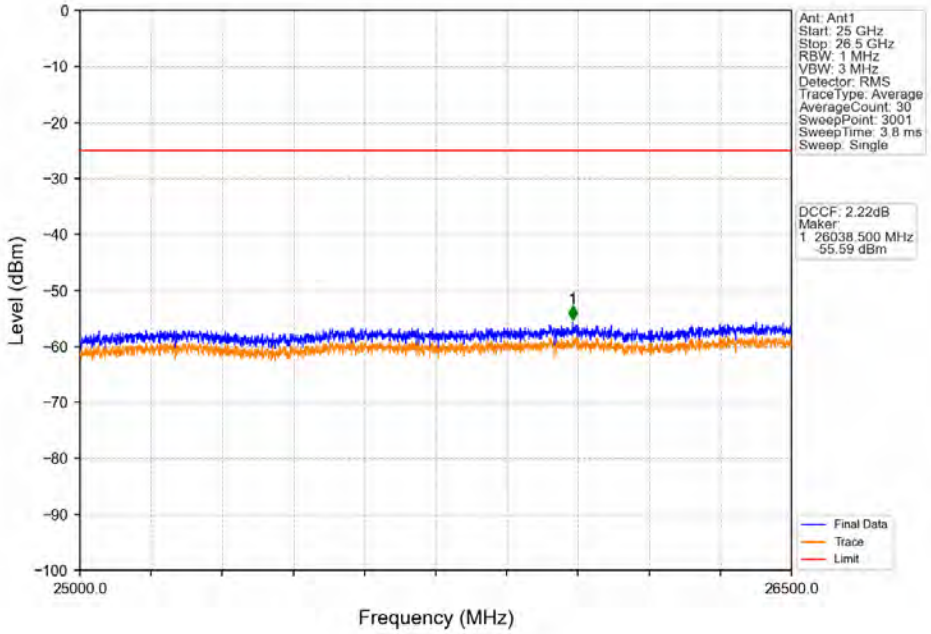
Band41_5MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



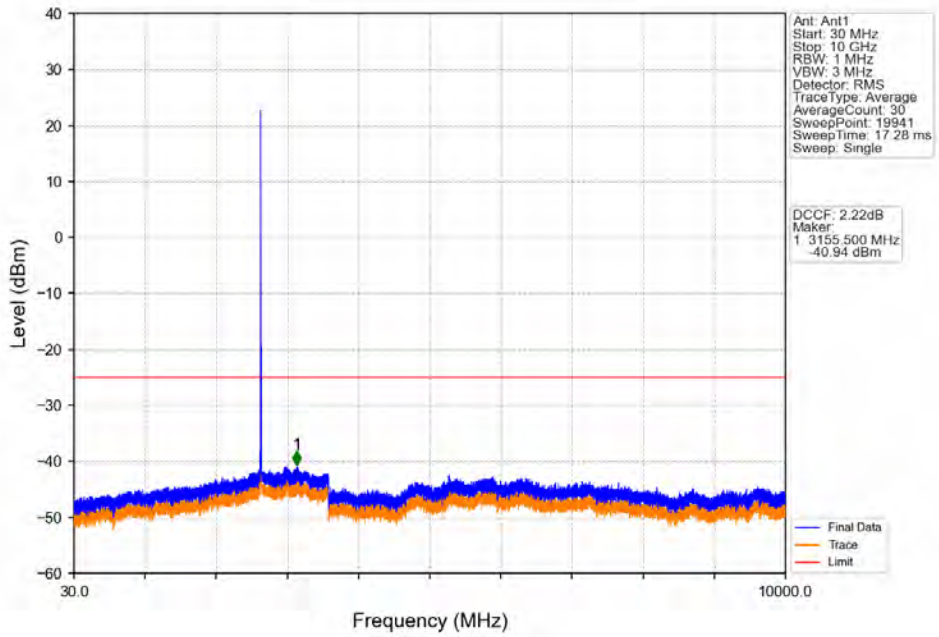
Band41_5MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



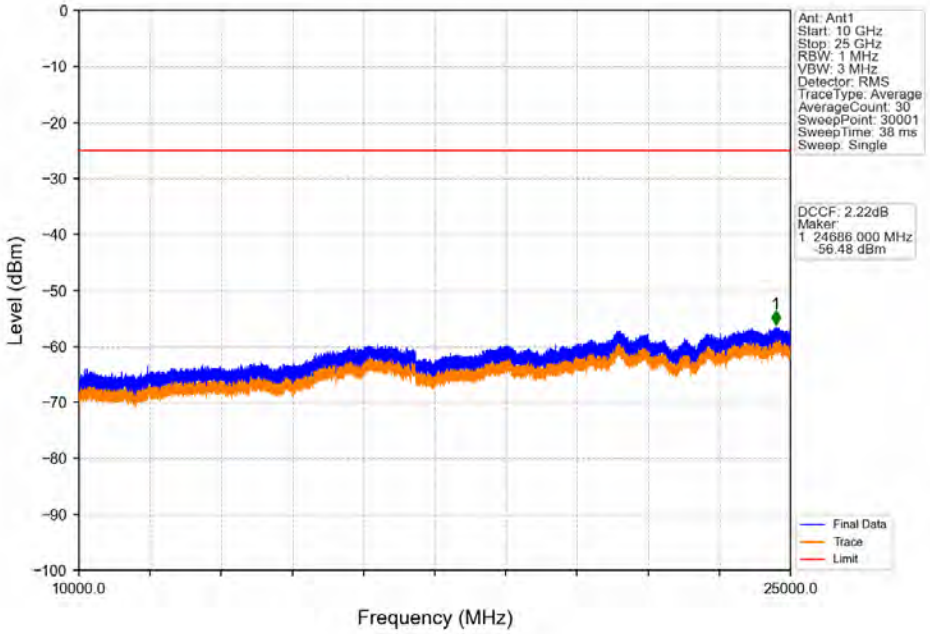
Band41_5MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



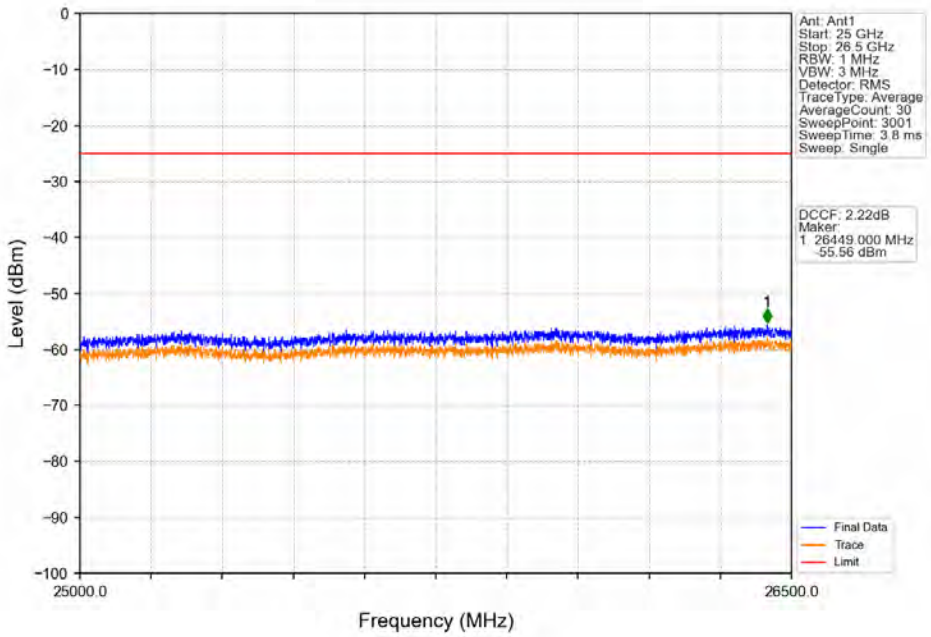
Band41_5MHz_QPSK_HCH_2647.5MHz_RB_1_0_NTNV



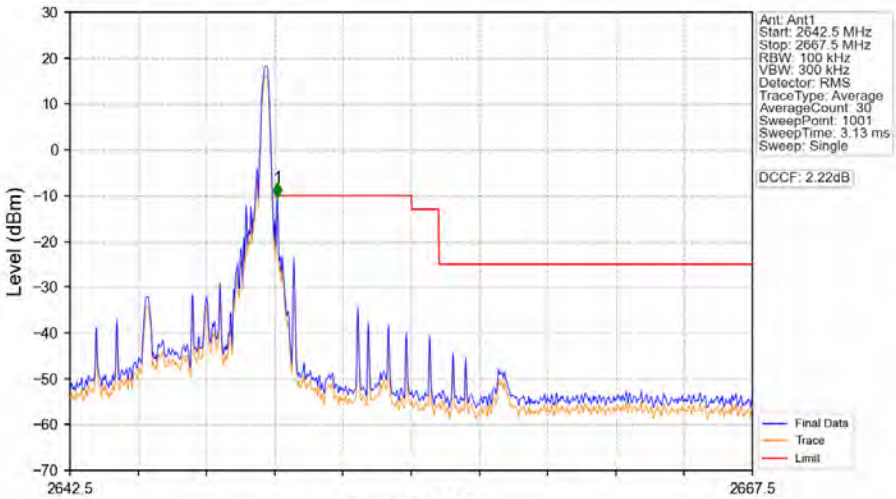
Band41_5MHz_QPSK_HCH_2647.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2647.5MHz_RB_1_0_NTNV

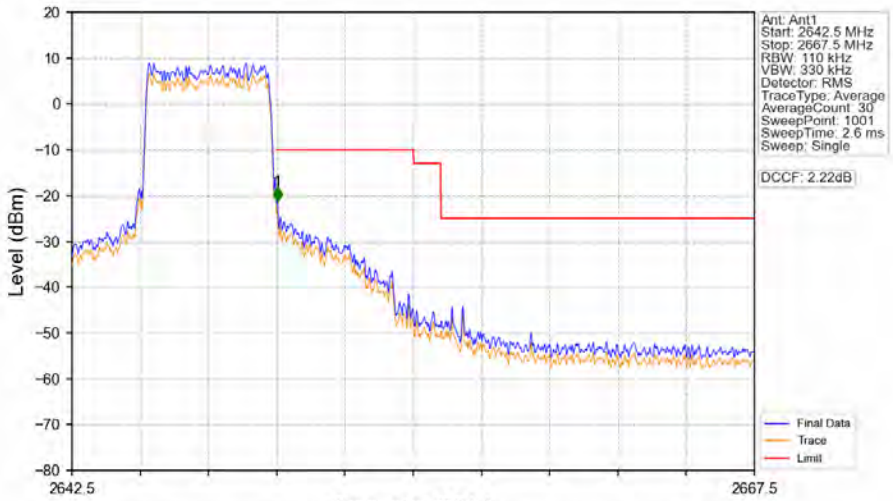


Band41_5MHz_QPSK_HCH_2647.5MHz_RB_1_24_NTNV



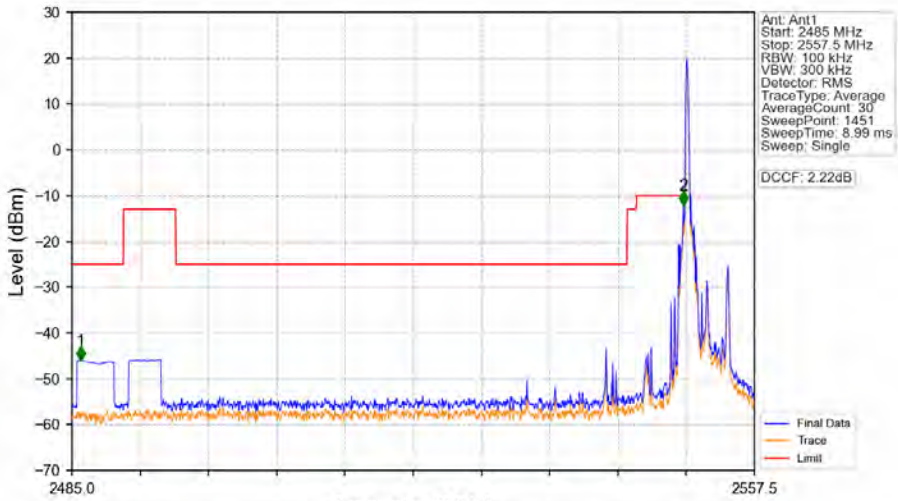
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2642.5	2667.5	0.1	/	/	/	/	/	/
2667.5	2667.5	0.1	/	1	2650.100	-10.37	-10	Pass

Band41_5MHz_QPSK_HCH_2647.5MHz_RB_25_0_NTNV



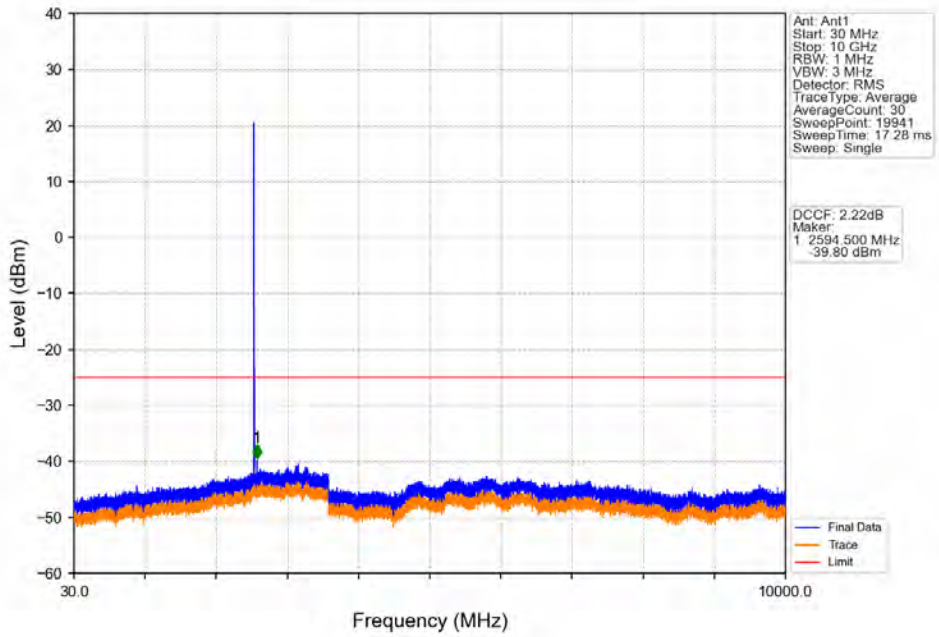
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2642.5	2667.5	0.11	/	/	/	/	/	/
2667.5	2667.5	0.11	/	1	2650.025	-21.24	-10	Pass

Band41_5MHz_16QAM_LCH_2552.5MHz_RB_1_0_NTNV

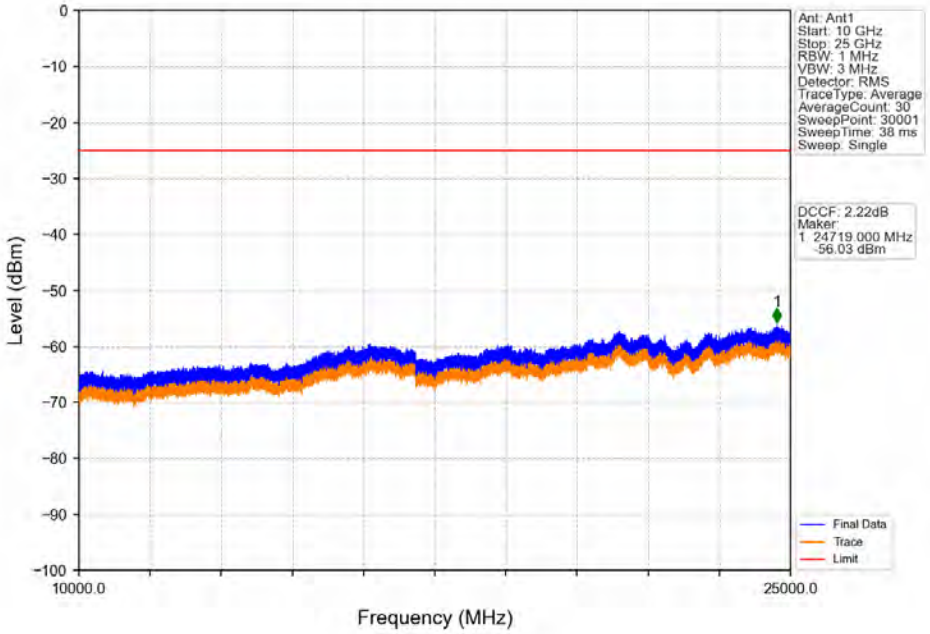


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2485.900	-46.00	-25	Pass
2495	2557.5	0.1	/	2	2549.950	-12.21	-10	Pass
2557.5	2557.5	0.1	/	/	/	/	/	/

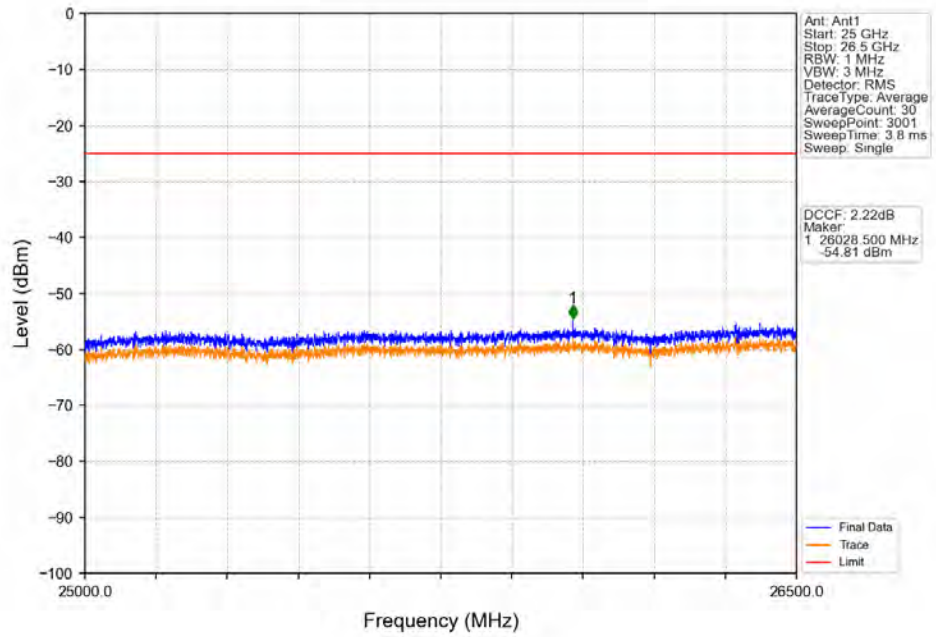
Band41_5MHz_16QAM_LCH_2552.5MHz_RB_1_0_NTNV



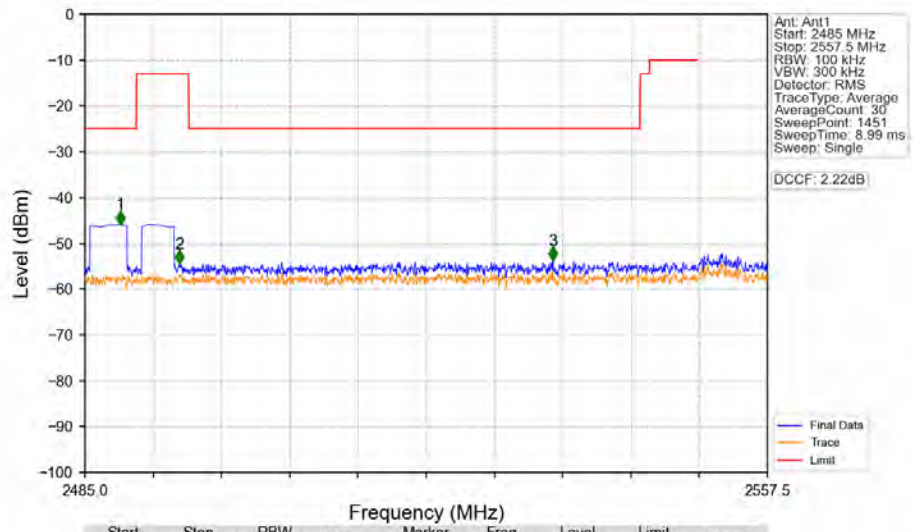
Band41_5MHz_16QAM_LCH_2552.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_LCH_2552.5MHz_RB_1_0_NTNV

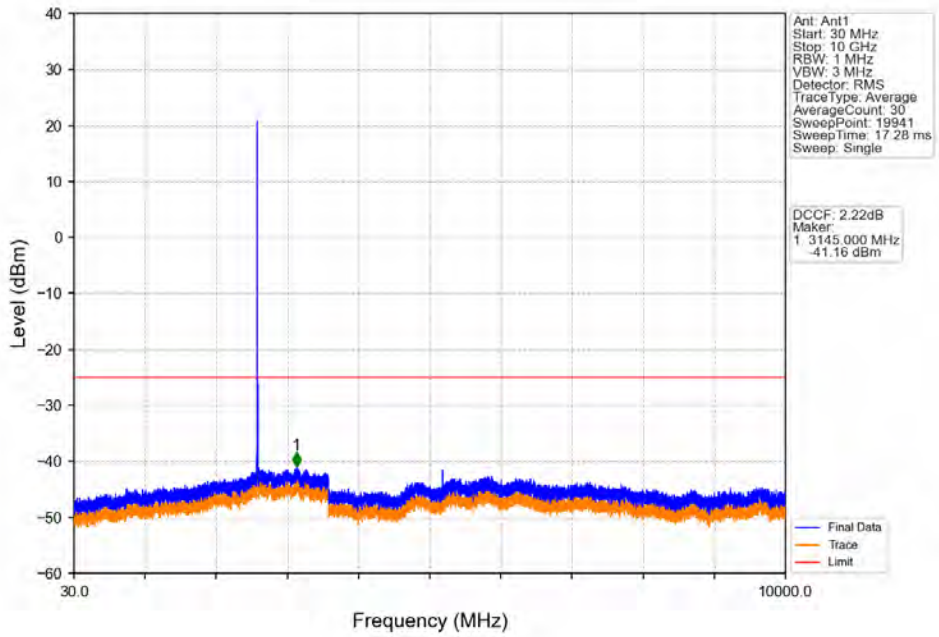


Band41_5MHz_16QAM_LCH_2552.5MHz_RB_25_0_NTNV

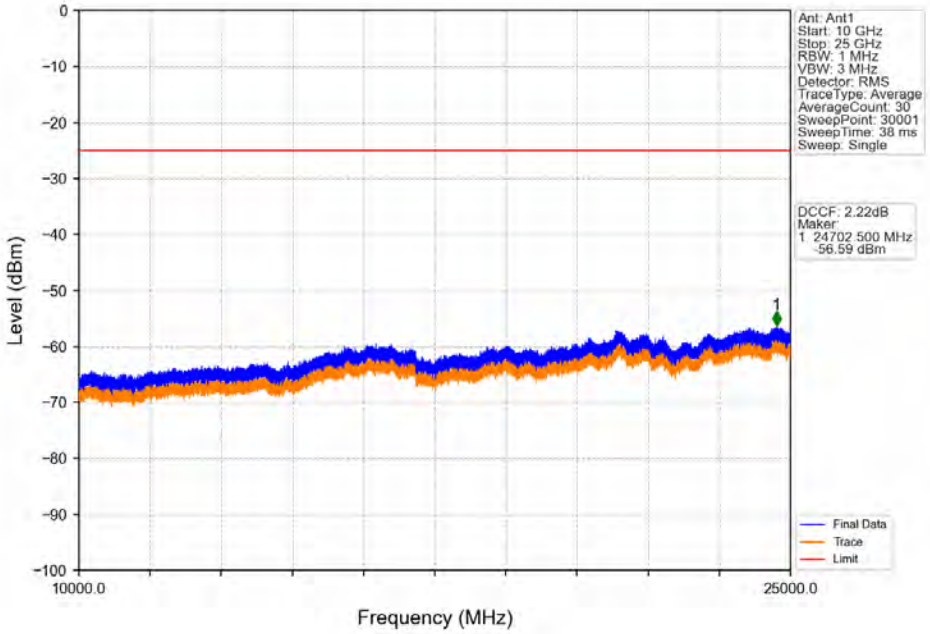


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2488.750	-45.94	-25	Pass
2495	2496	0.1	/	2	2495.050	-54.56	-13	Pass
2496	2557.5	0.107	/	3	2534.700	-53.85	-25	Pass
2557.5	2557.5	0.107	/	/	/	/	/	/

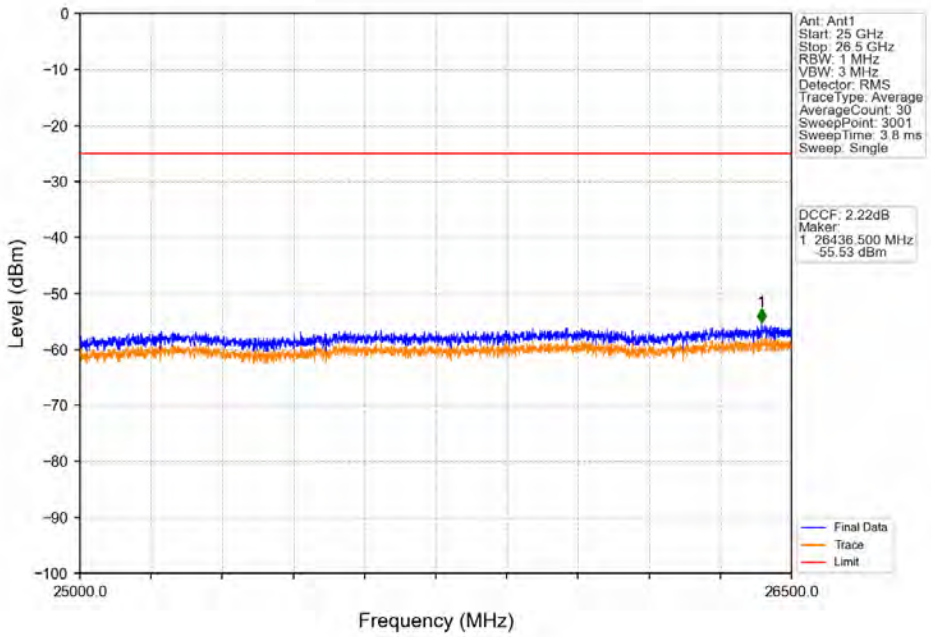
Band41_5MHz_16QAM_MCH_2600MHz_RB_1_0_NTNV



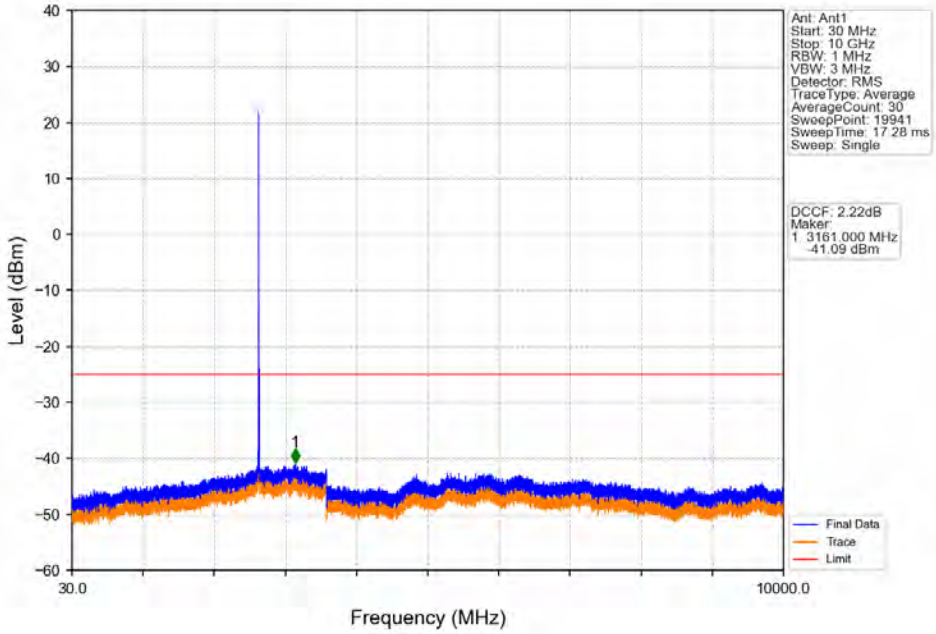
Band41_5MHz_16QAM_MCH_2600MHz_RB_1_0_NTNV



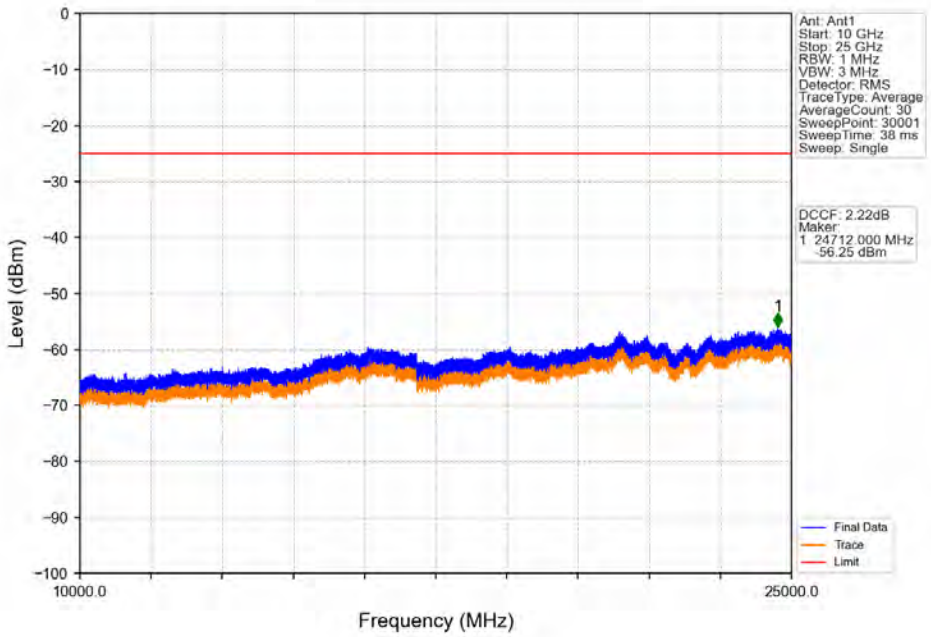
Band41_5MHz_16QAM_MCH_2600MHz_RB_1_0_NTNV



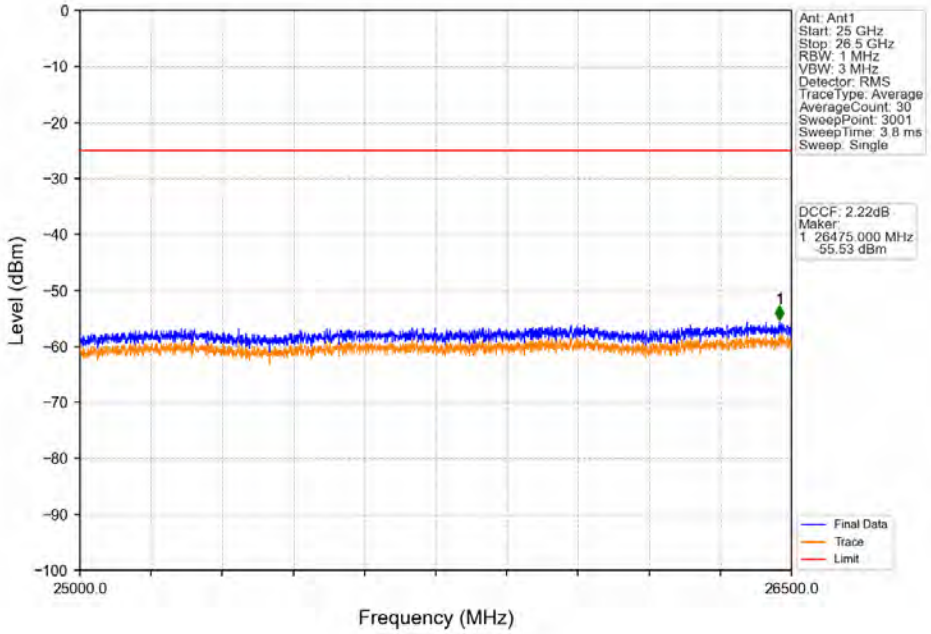
Band41_5MHz_16QAM_HCH_2647.5MHz_RB_1_0_NTNV



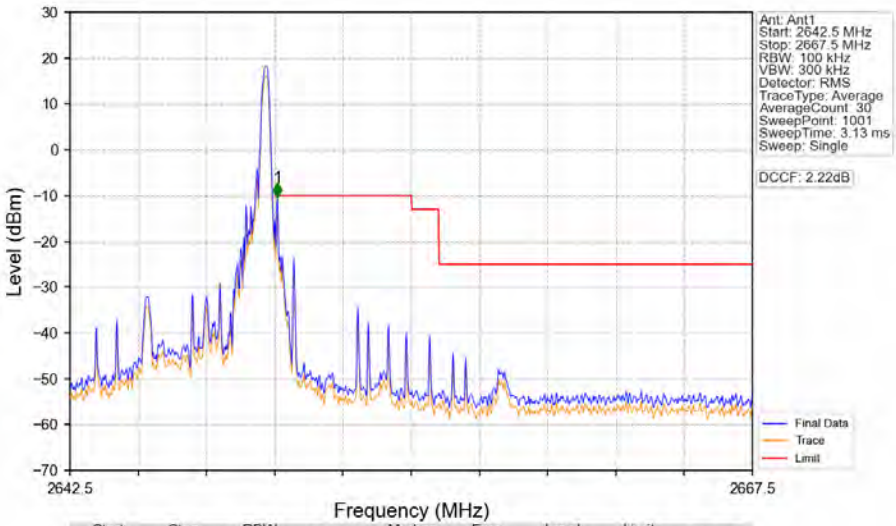
Band41_5MHz_16QAM_HCH_2647.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2647.5MHz_RB_1_0_NTNV

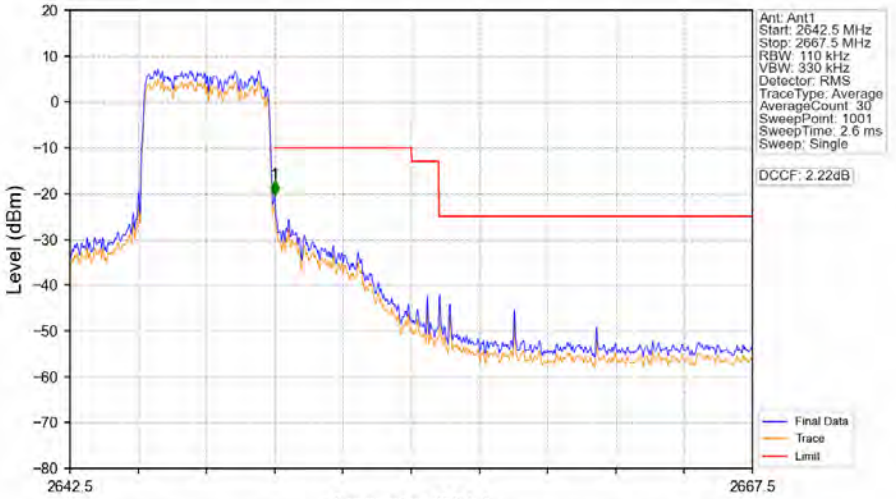


Band41_5MHz_16QAM_HCH_2647.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2642.5	2667.5	0.1	/	/	/	/	/	/
2667.5	2667.5	0.1	/	1	2650.100	-10.37	-10	Pass

Band41_5MHz_16QAM_HCH_2647.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2642.5	2667.5	0.11	/	/	/	/	/	/
2667.5	2667.5	0.11	/	1	2650.000	-20.31	-10	Pass

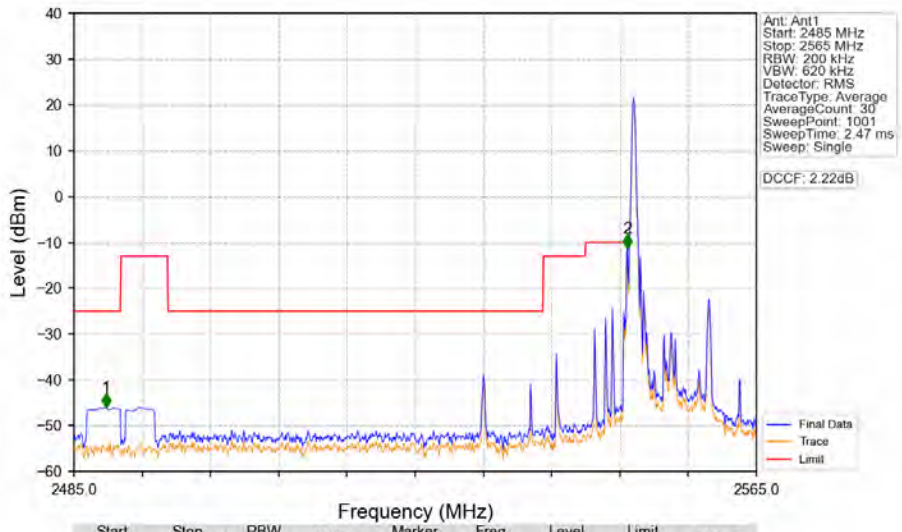
6.2 B41_10MHz

6.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2555	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2600	1	0	Refer To Test Graph		Pass
	2645	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2555	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2600	1	0	Refer To Test Graph		Pass
	2645	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

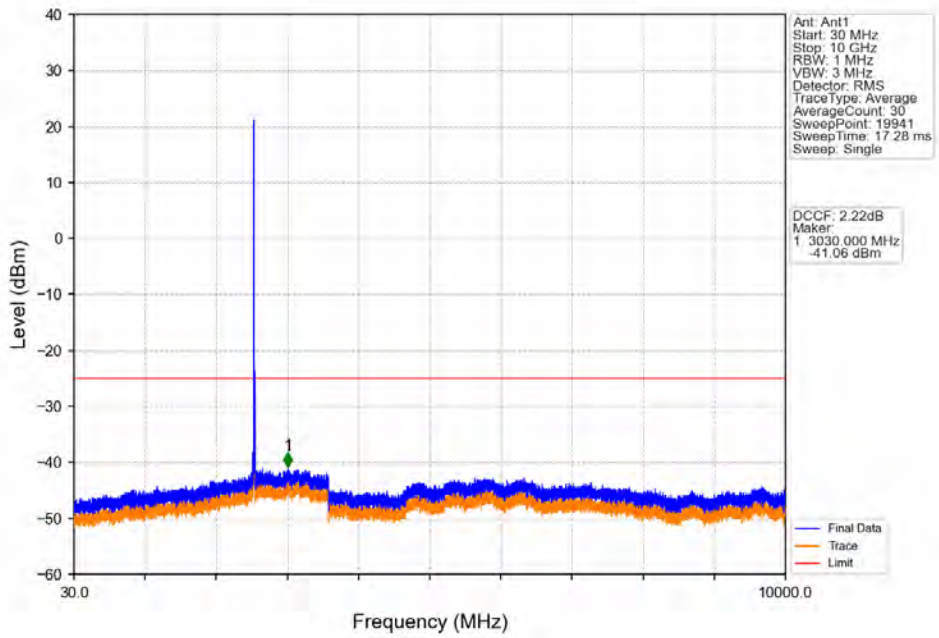
6.2.2 Test Graph

Band41_10MHz_QPSK_LCH_2555MHz_RB_1_0_NTNV

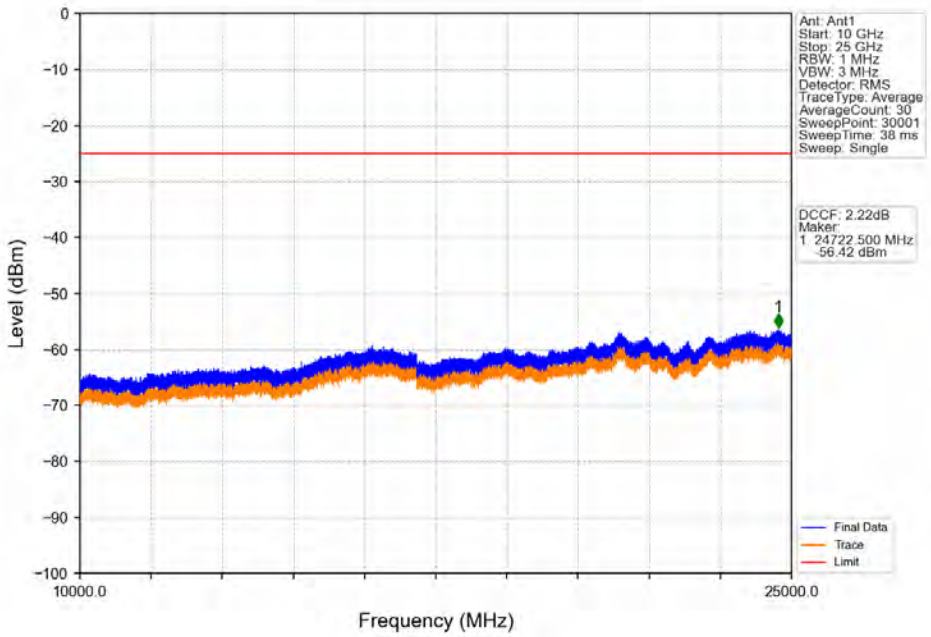


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2488.760	-46.13	-25	Pass
2495	2565	0.2	/	2	2549.880	-11.34	-10	Pass
2565	2565	0.2	/	/	/	/	/	/

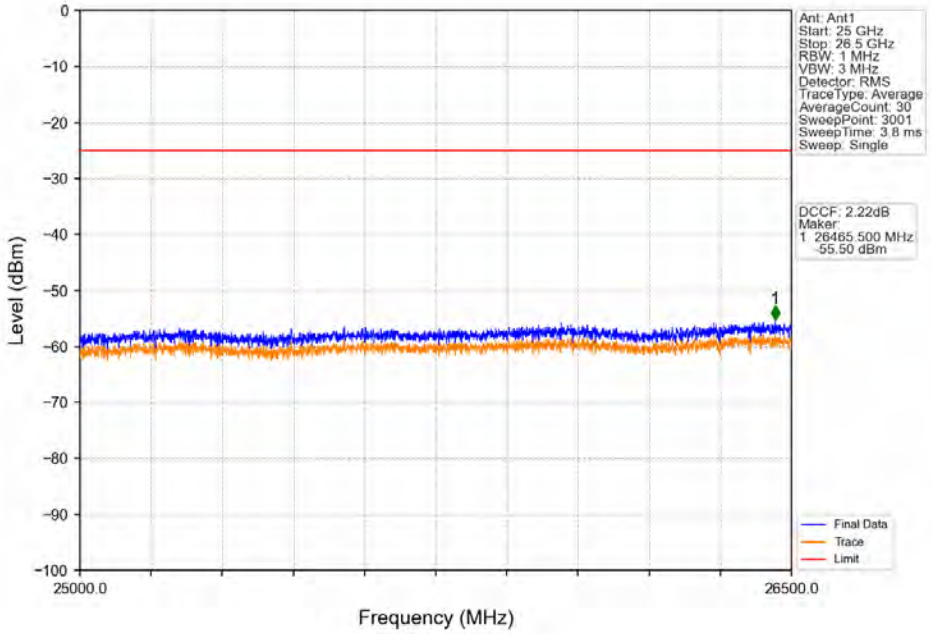
Band41_10MHz_QPSK_LCH_2555MHz_RB_1_0_NTNV



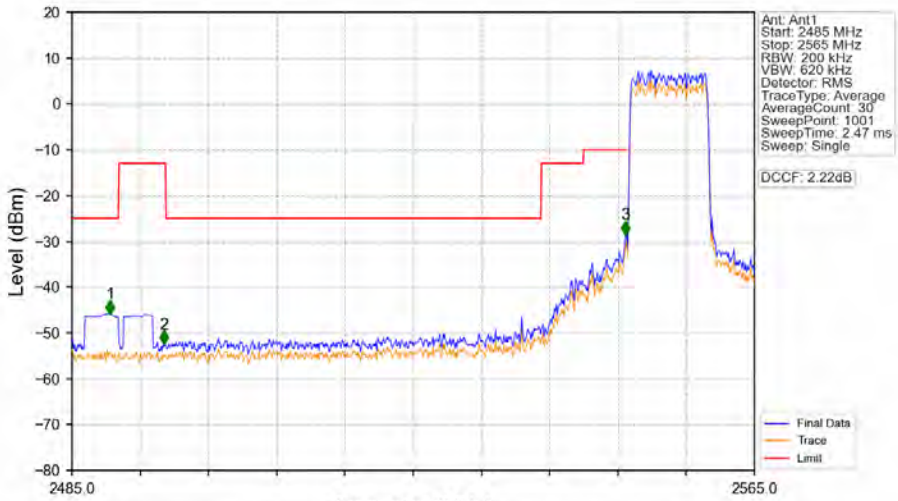
Band41_10MHz_QPSK_LCH_2555MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2555MHz_RB_1_0_NTNV

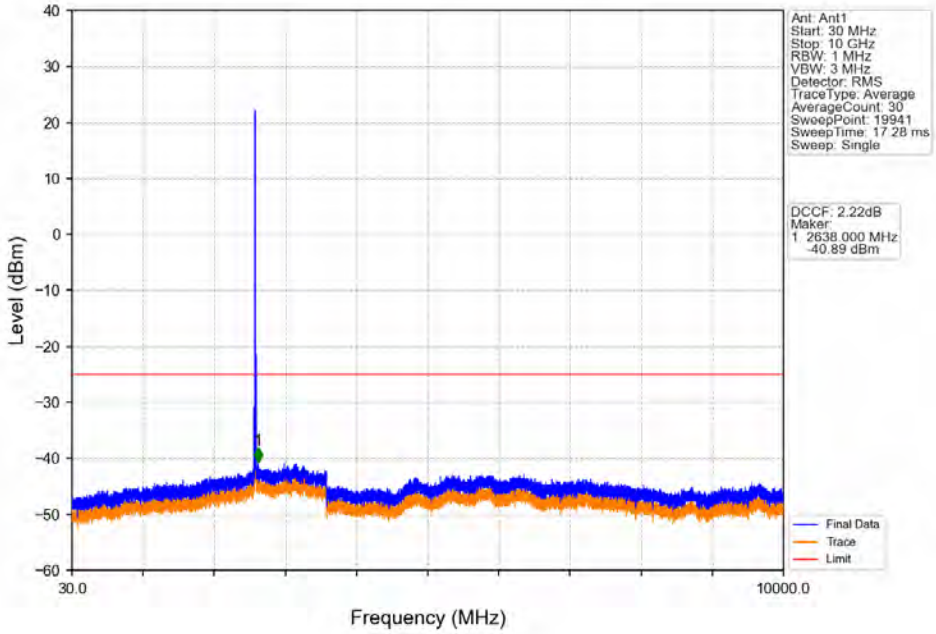


Band41_10MHz_QPSK_LCH_2555MHz_RB_50_0_NTNV

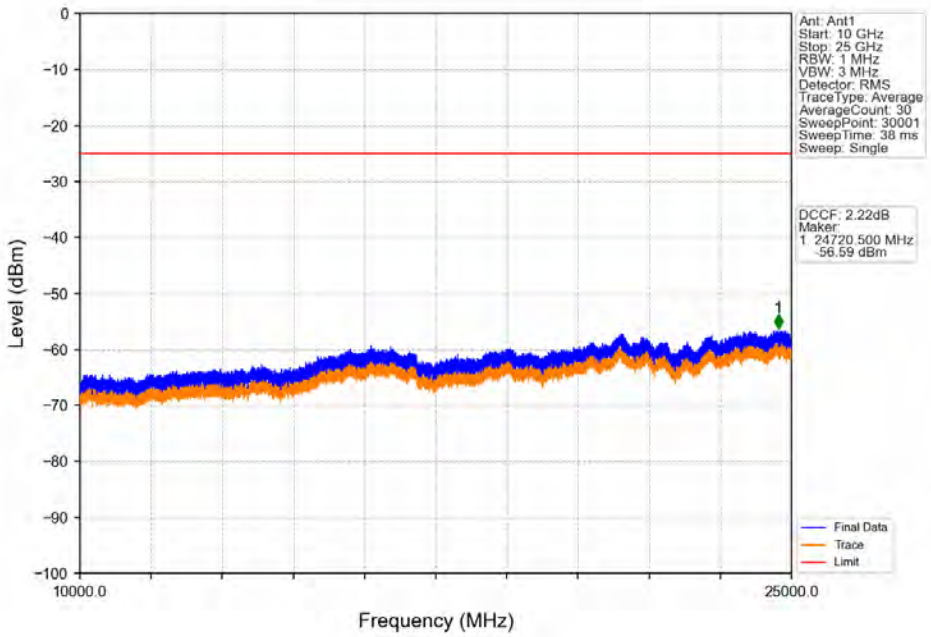


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2489.480	-45.87	-25	Pass
2495	2496	0.2	/	2	2495.800	-52.51	-13	Pass
2496	2565	0.224	/	3	2549.880	-28.59	-10	Pass
2565	2565	0.224	/	/	/	/	/	/

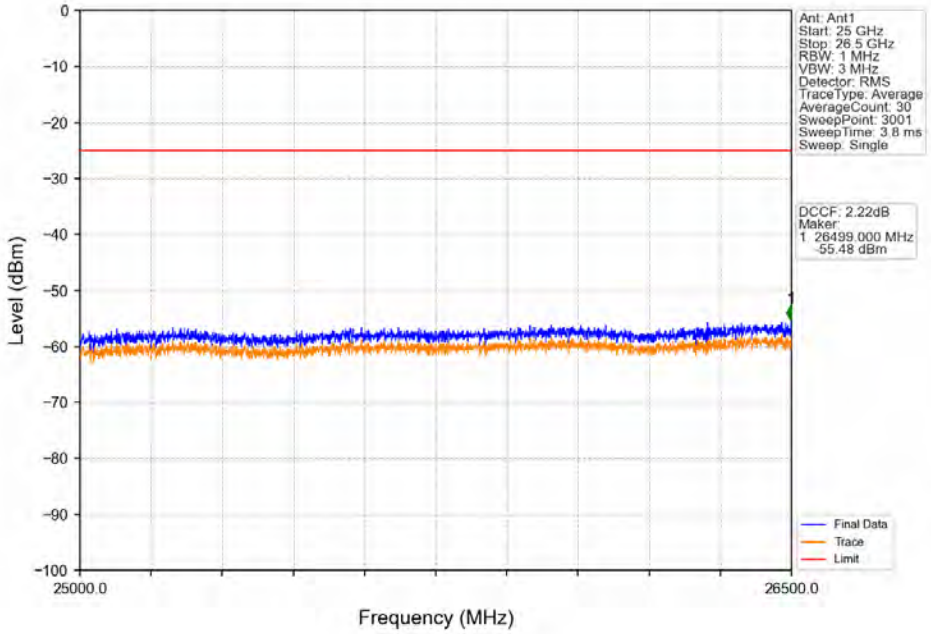
Band41_10MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



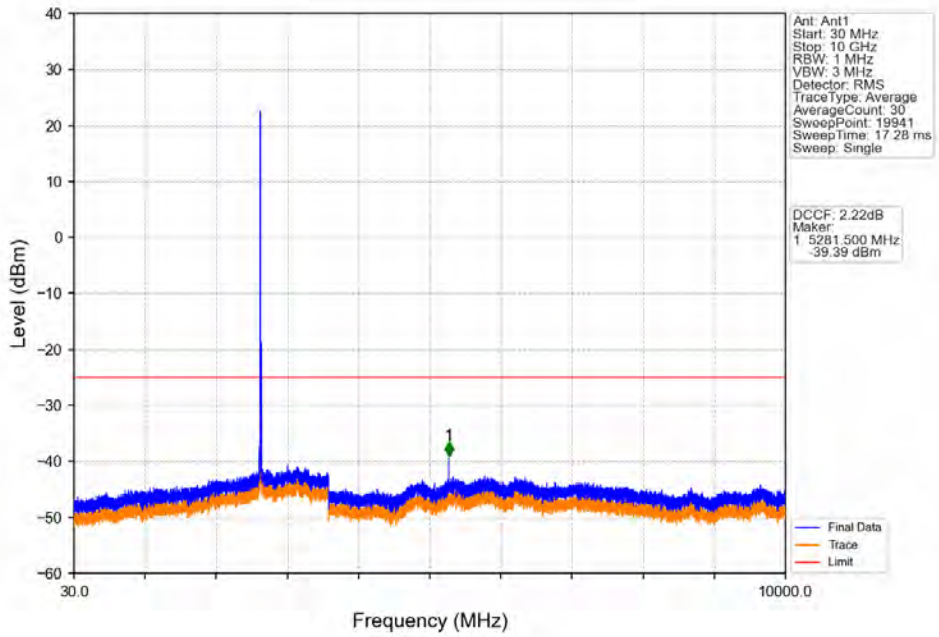
Band41_10MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



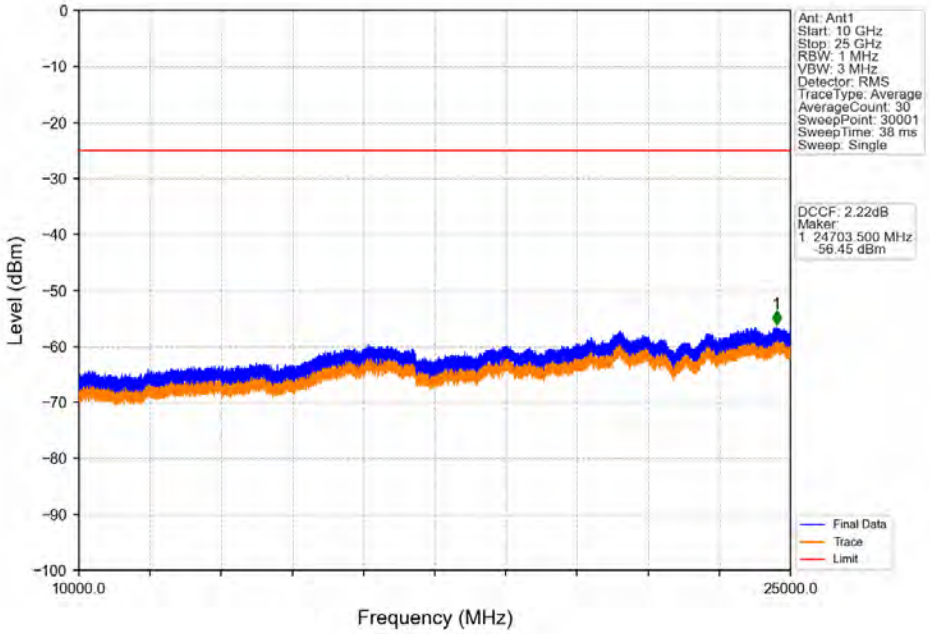
Band41_10MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



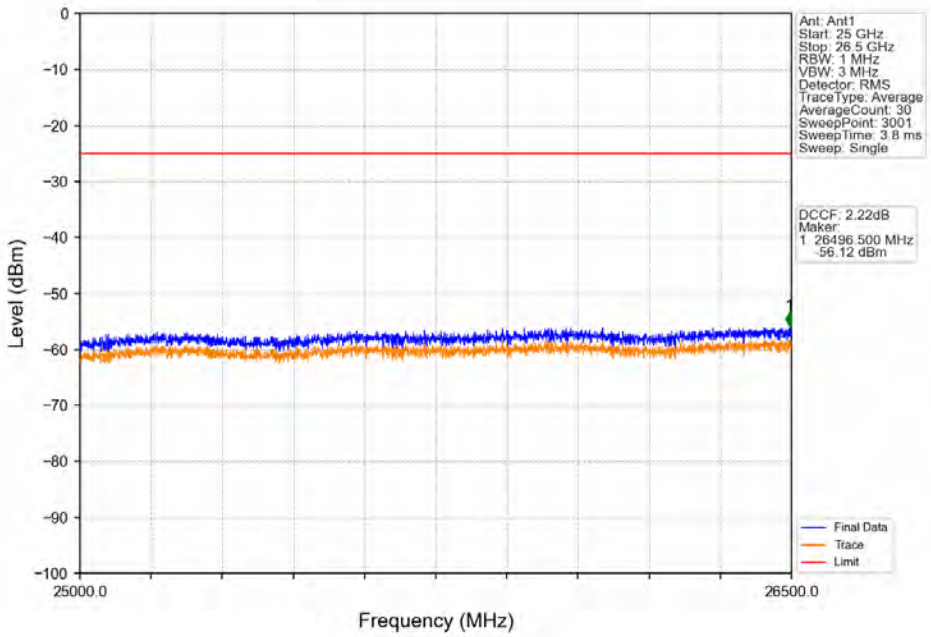
Band41_10MHz_QPSK_HCH_2645MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2645MHz_RB_1_0_NTNV



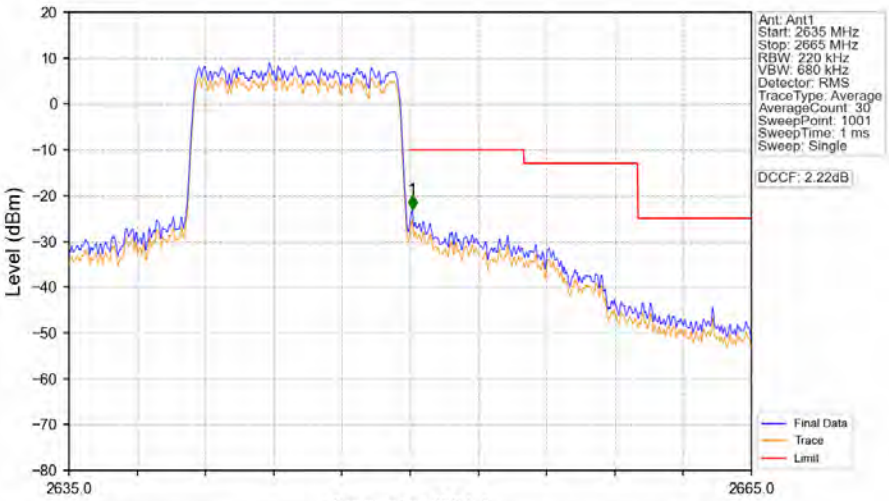
Band41_10MHz_QPSK_HCH_2645MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2645MHz_RB_1_49_NTNV

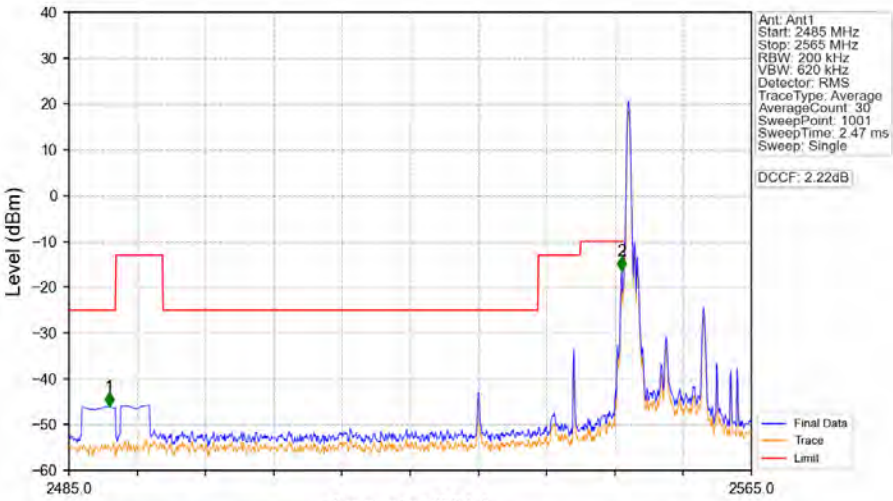
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2635	2665	0.2	/	/	/	/	/	/
2665	2665	0.2	/	1	2650.000	-15.38	-10	Pass

Band41_10MHz_QPSK_HCH_2645MHz_RB_50_0_NTNV



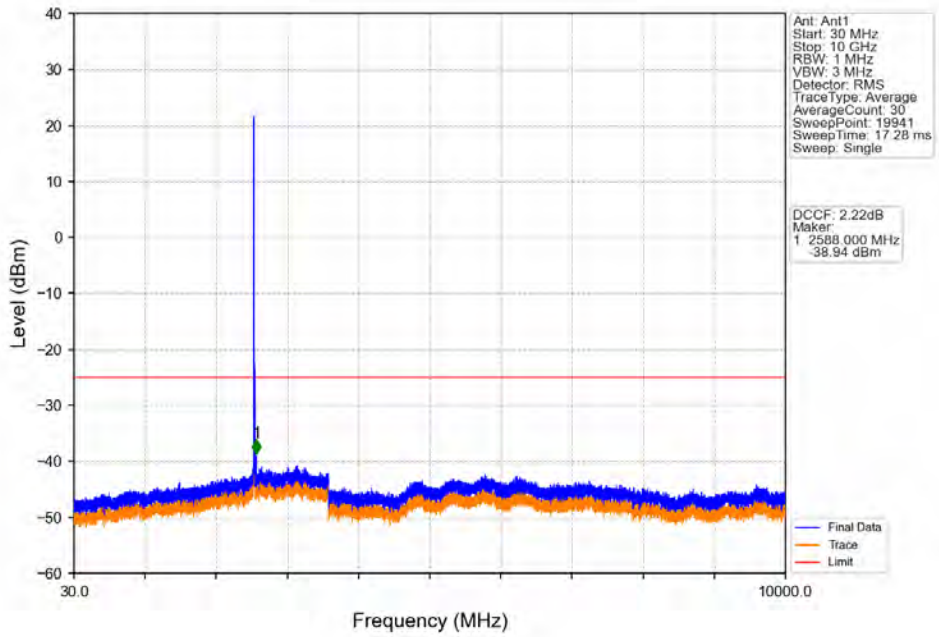
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2635	2665	0.22	/	/	/	/	/	/
2665	2665	0.22	/	1	2650.090	-23.07	-10	Pass

Band41_10MHz_16QAM_LCH_2555MHz_RB_1_0_NTNV

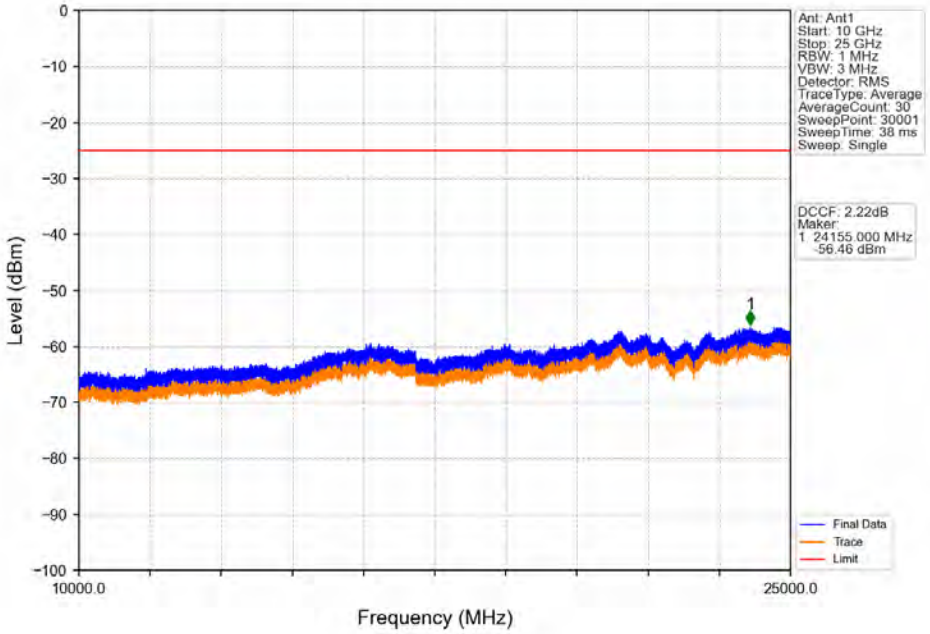


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2489.720	-46.09	-25	Pass
2495	2565	0.2	/	2	2549.800	-16.39	-10	Pass
2565	2565	0.2	/	/	/	/	/	/

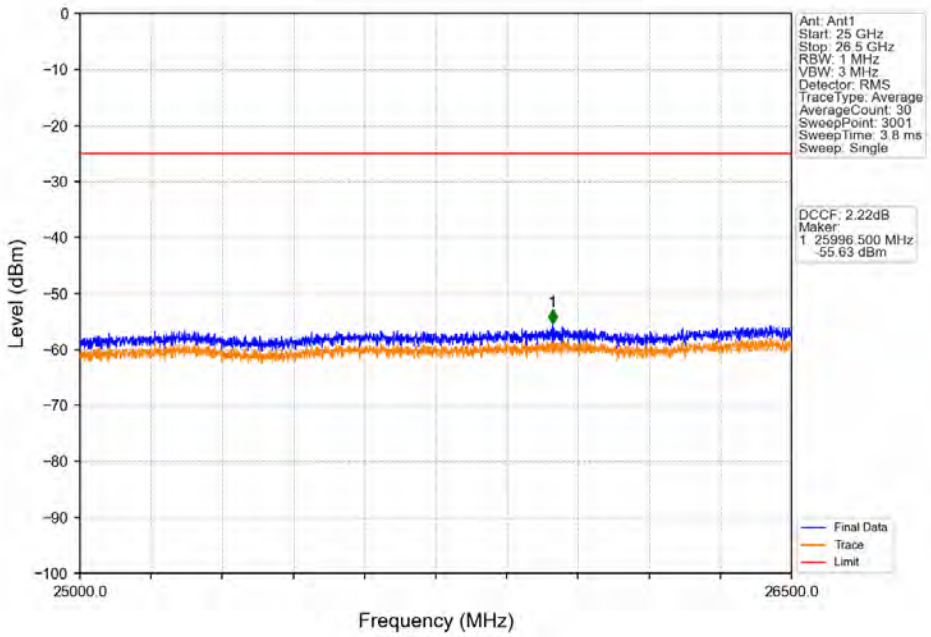
Band41_10MHz_16QAM_LCH_2555MHz_RB_1_0_NTNV



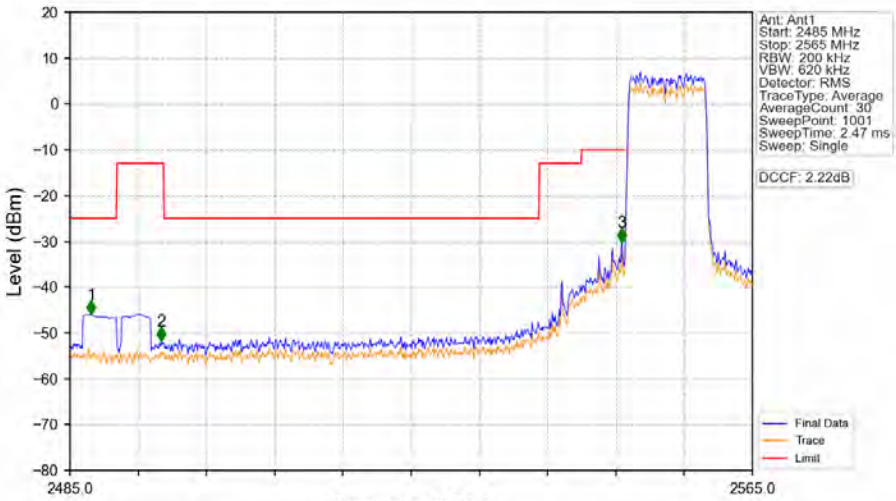
Band41_10MHz_16QAM_LCH_2555MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_LCH_2555MHz_RB_1_0_NTNV

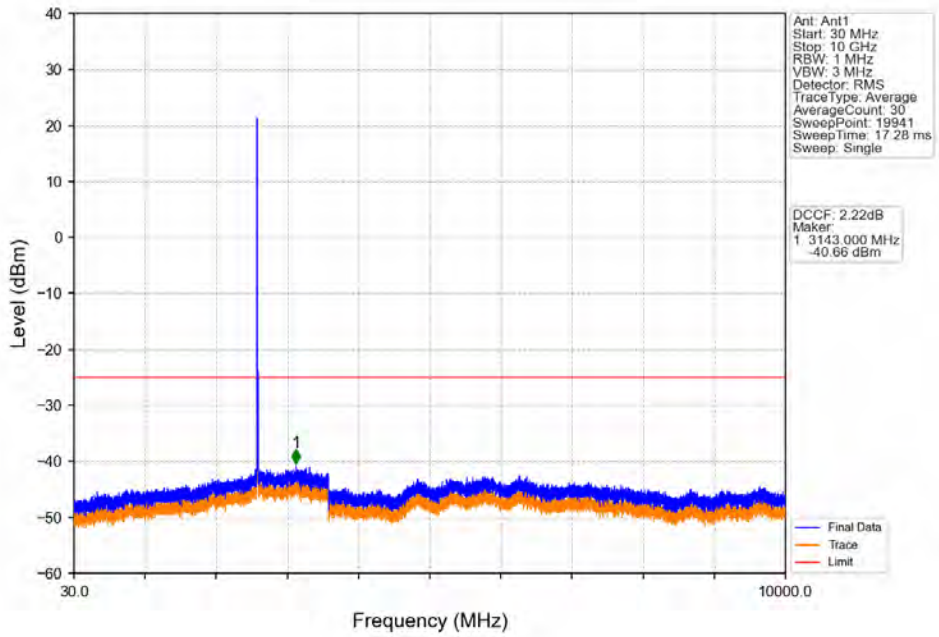


Band41_10MHz_16QAM_LCH_2555MHz_RB_50_0_NTNV

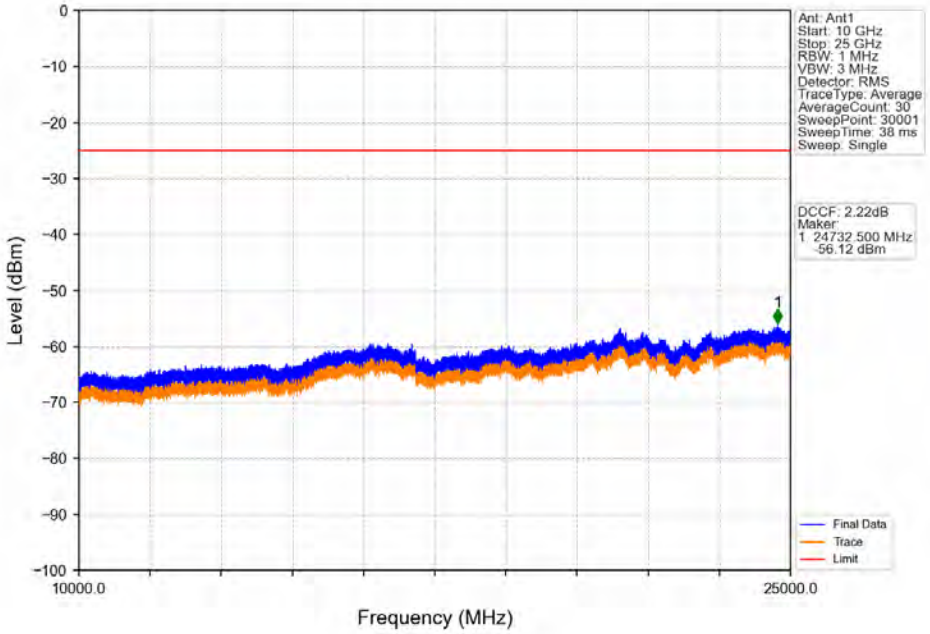


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2487.480	-45.99	-25	Pass
2495	2496	0.2	/	2	2495.720	-51.82	-13	Pass
2496	2565	0.212	/	3	2549.640	-30.22	-10	Pass
2565	2565	0.212	/	/	/	/	/	/

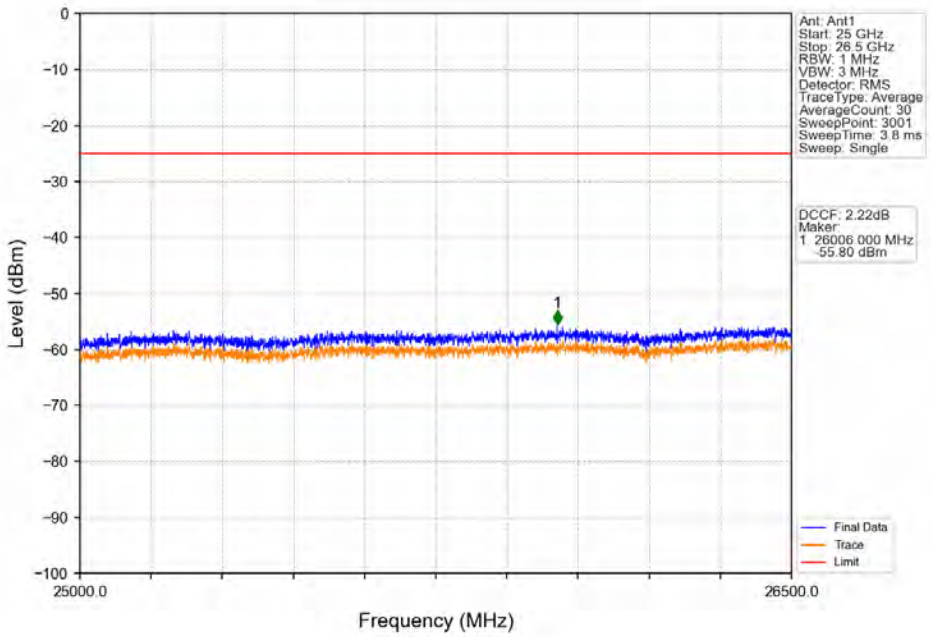
Band41_10MHz_16QAM_MCH_2600MHz_RB_1_0_NTNV



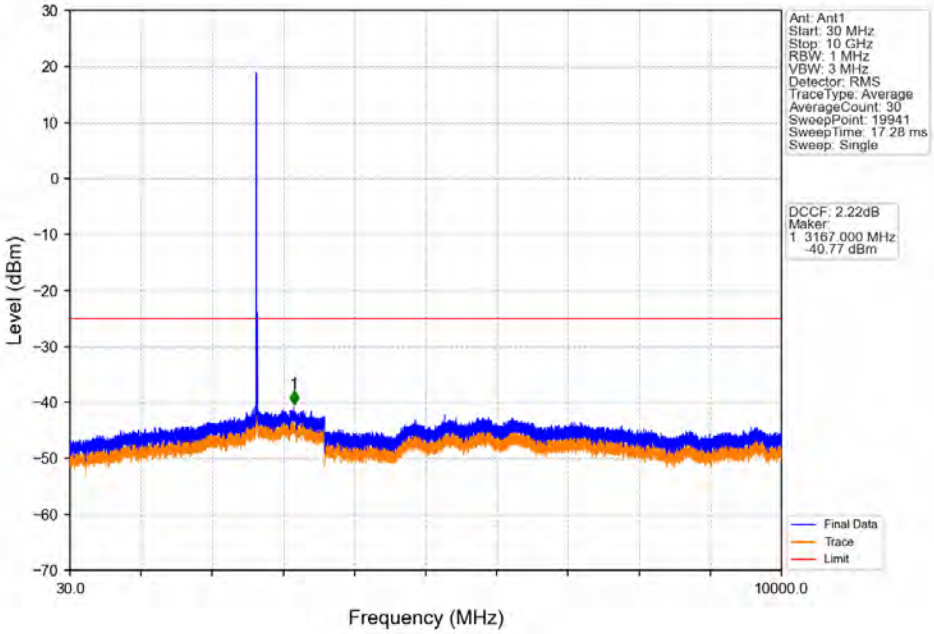
Band41_10MHz_16QAM_MCH_2600MHz_RB_1_0_NTNV



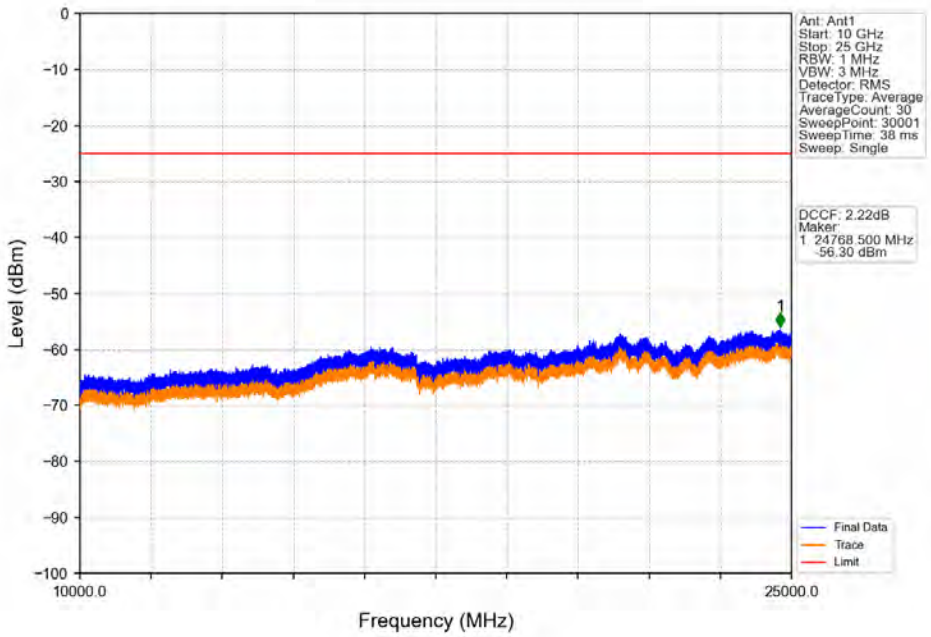
Band41_10MHz_16QAM_MCH_2600MHz_RB_1_0_NTNV



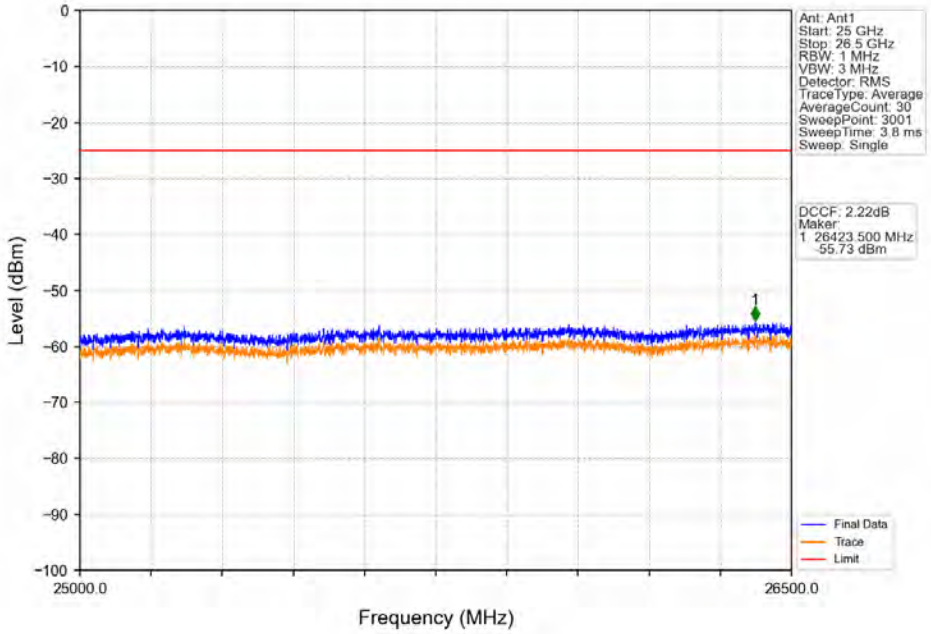
Band41_10MHz_16QAM_HCH_2645MHz_RB_1_0_NTNV



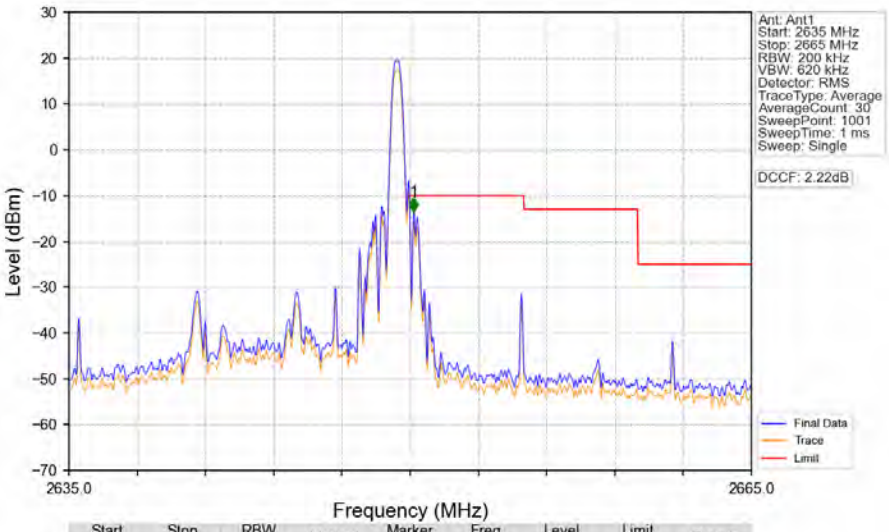
Band41_10MHz_16QAM_HCH_2645MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_HCH_2645MHz_RB_1_0_NTNV

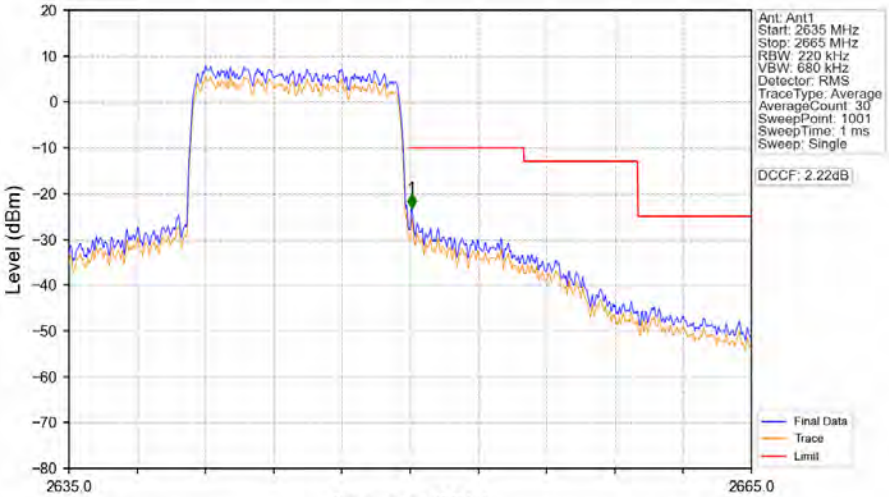


Band41_10MHz_16QAM_HCH_2645MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2635	2665	0.2	/	/	/	/	/	/
2665	2665	0.2	/	1	2650.150	-13.59	-10	Pass

Band41_10MHz_16QAM_HCH_2645MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2635	2665	0.22	/	/	/	/	/	/
2665	2665	0.22	/	1	2650.060	-23.27	-10	Pass

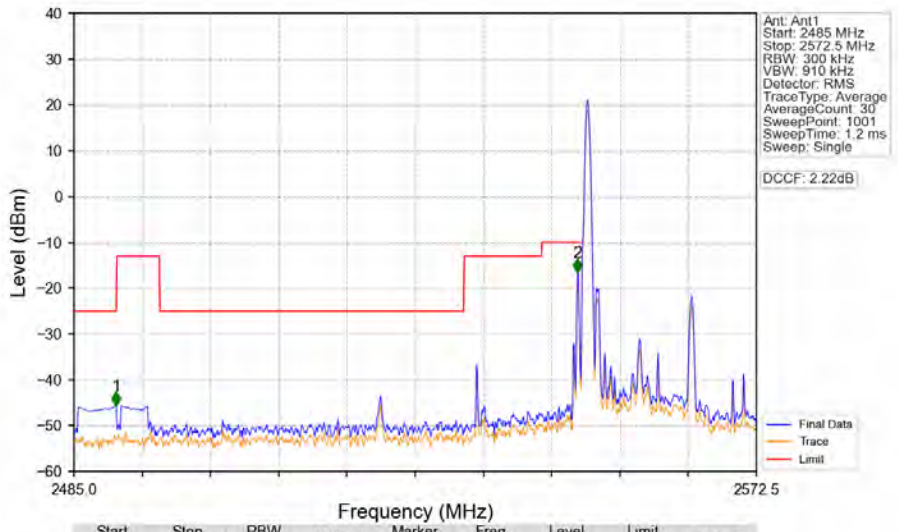
6.3 B41_15MHz

6.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2557.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2600	1	0	Refer To Test Graph		Pass
	2642.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2557.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2600	1	0	Refer To Test Graph		Pass
	2642.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

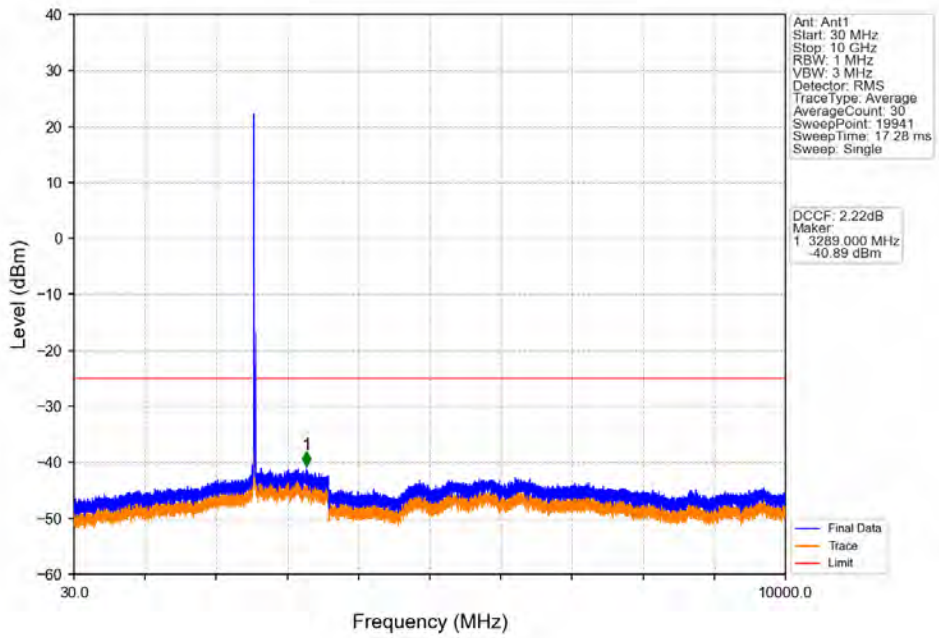
6.3.2 Test Graph

Band41_15MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV

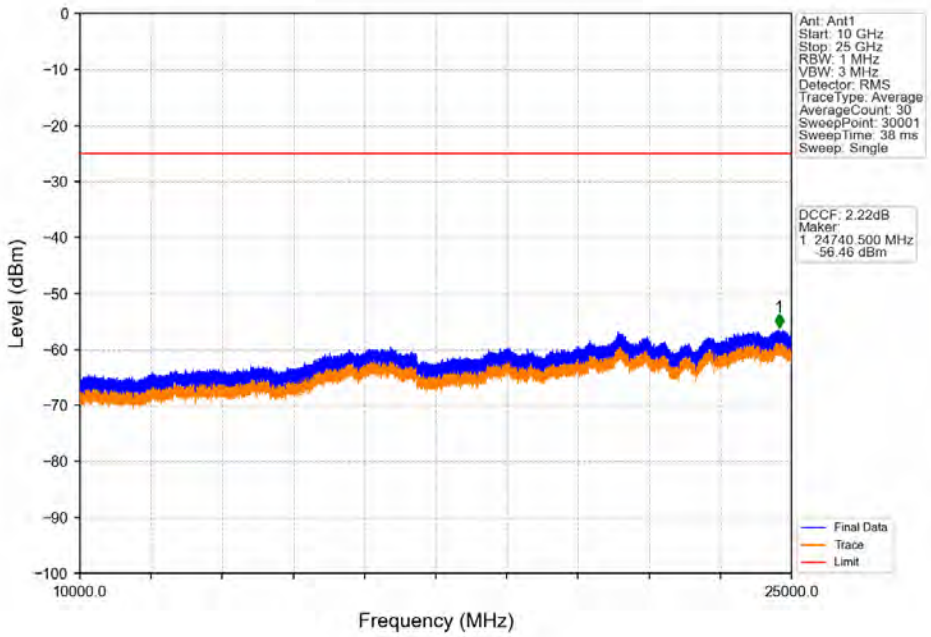


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2490.425	-45.70	-25	Pass
2495	2572.5	0.3	/	2	2549.575	-16.62	-10	Pass
2572.5	2572.5	0.3	/	/	/	/	/	/

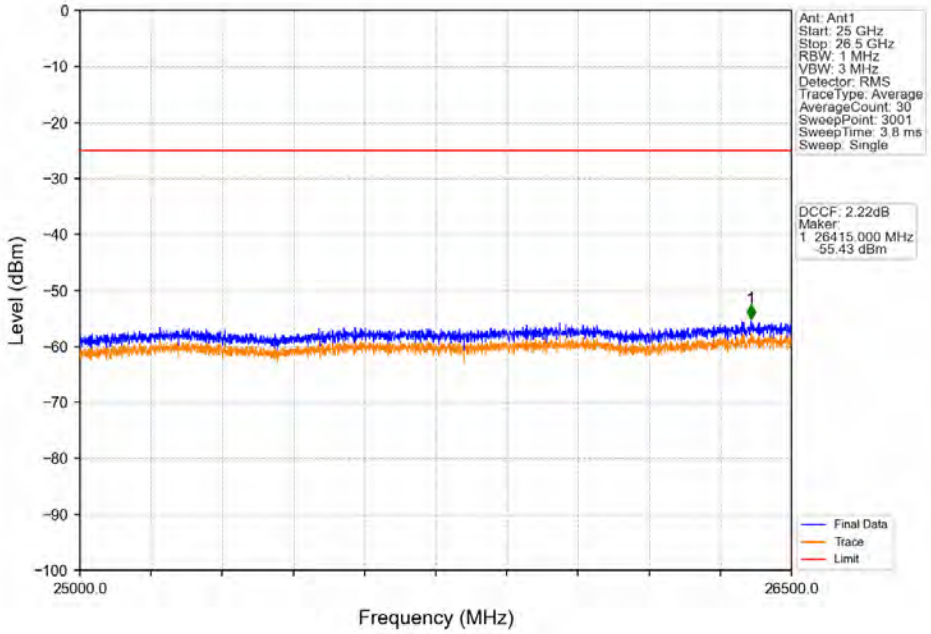
Band41_15MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



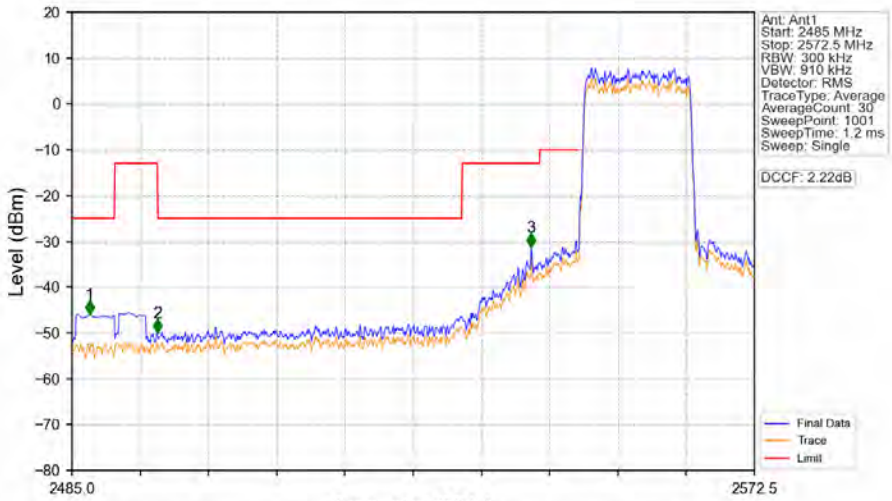
Band41_15MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV

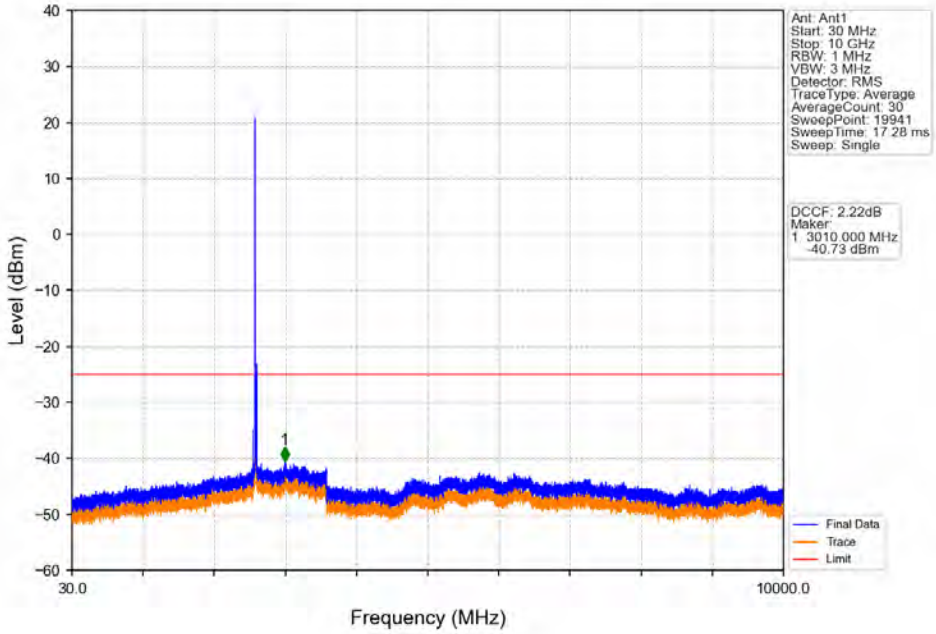


Band41_15MHz_QPSK_LCH_2557.5MHz_RB_75_0_NTNV

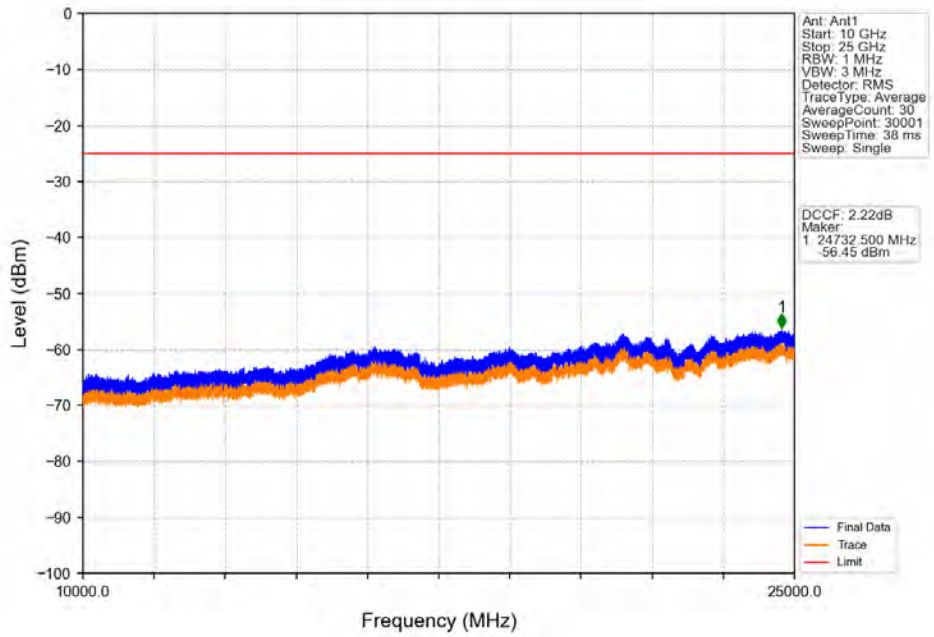


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2487.275	-45.97	-25	Pass
2495	2496	0.3	/	2	2495.938	-49.97	-13	Pass
2496	2572.5	0.322	/	3	2543.887	-31.28	-13	Pass
2572.5	2572.5	0.322	/	/	/	/	/	/

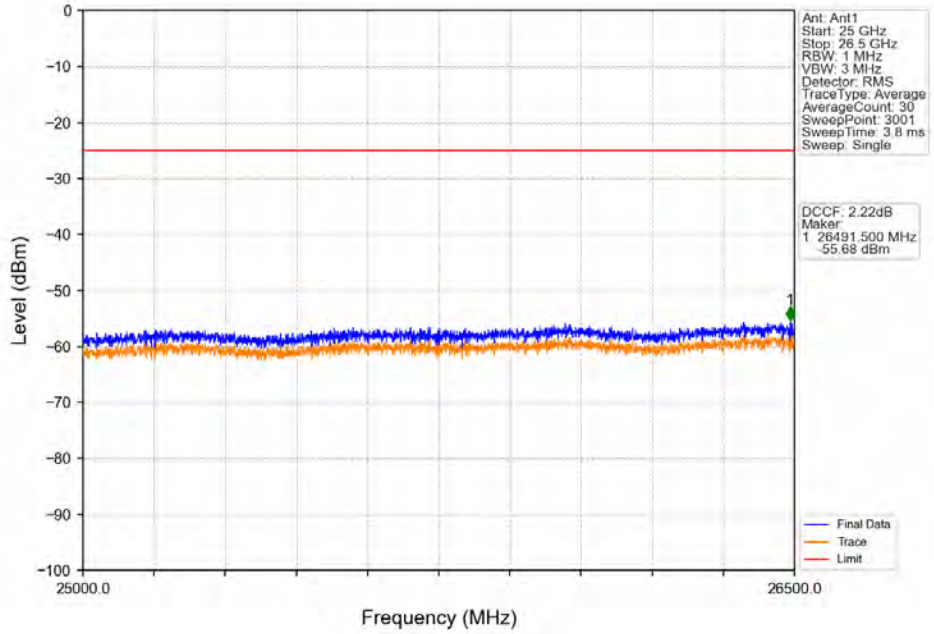
Band41_15MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



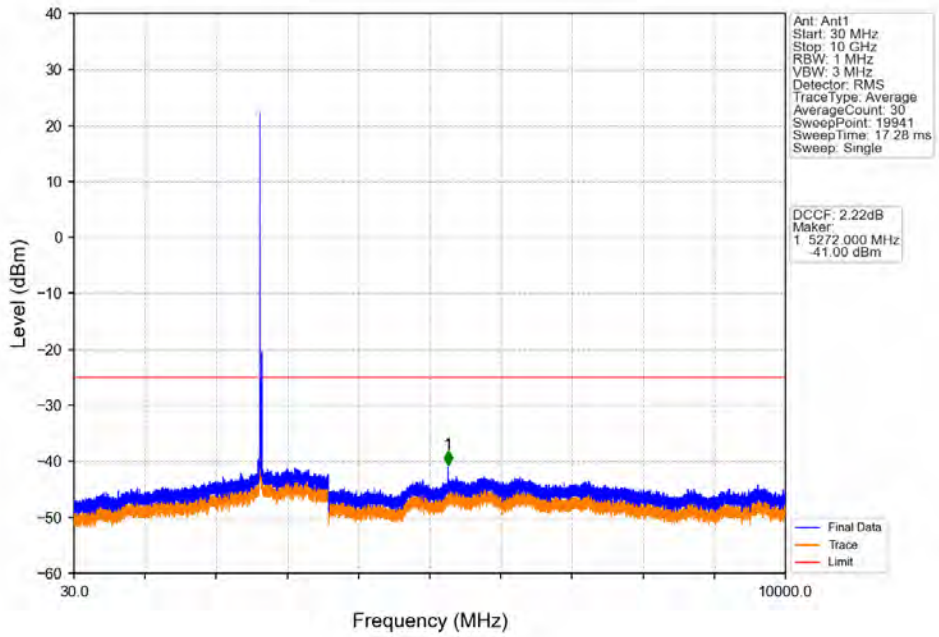
Band41_15MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



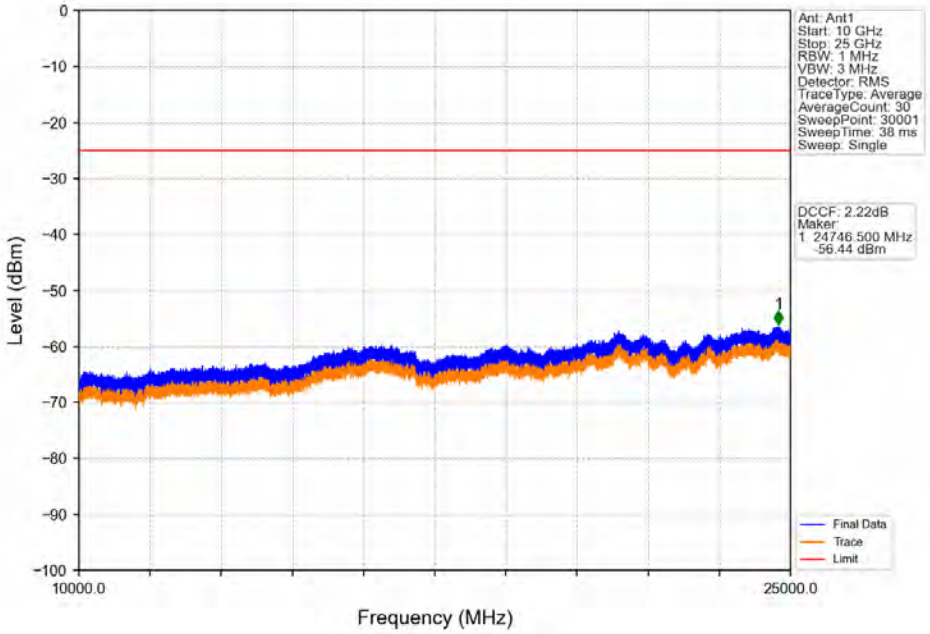
Band41_15MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



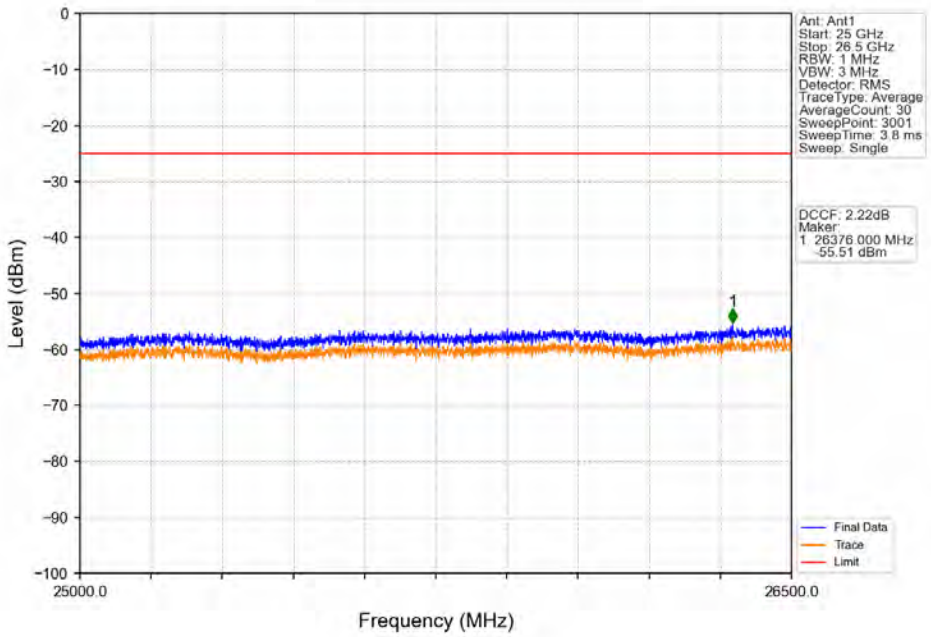
Band41_15MHz_QPSK_HCH_2642.5MHz_RB_1_0_NTNV



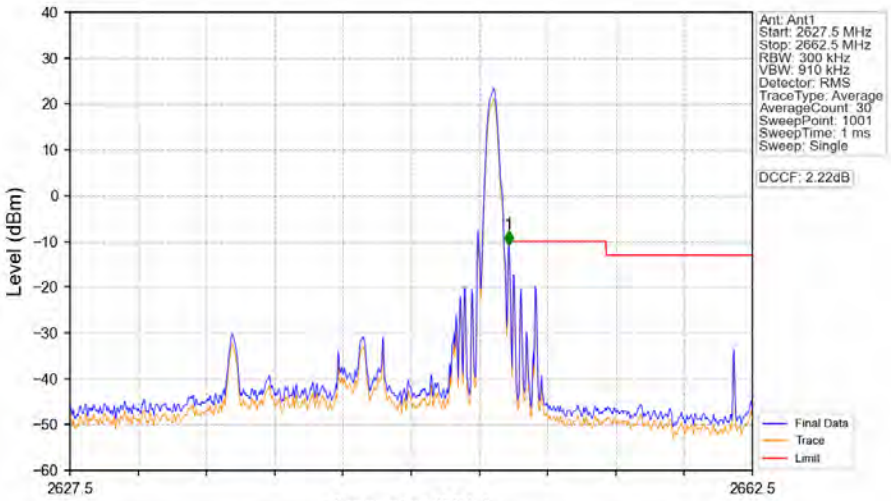
Band41_15MHz_QPSK_HCH_2642.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2642.5MHz_RB_1_0_NTNV

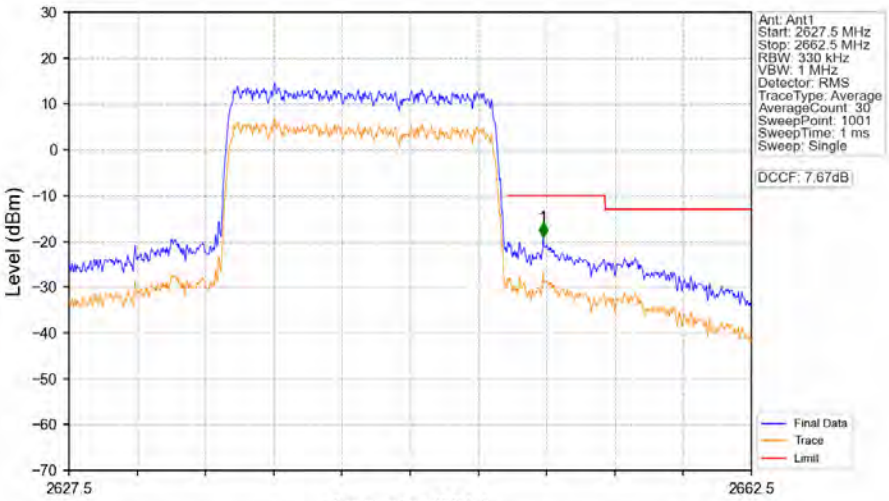


Band41_15MHz_QPSK_HCH_2642.5MHz_RB_1_74_NTNV



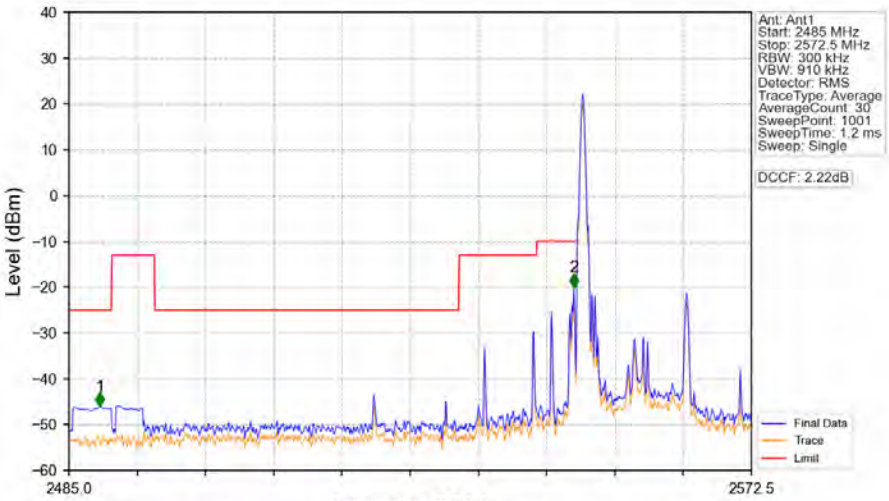
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2627.5	2662.5	0.3	/	/	/	/	/	/
2662.5	2662.5	0.3	/	1	2650.005	-10.73	-10	Pass

Band41_15MHz_QPSK_HCH_2642.5MHz_RB_75_0_NTNV



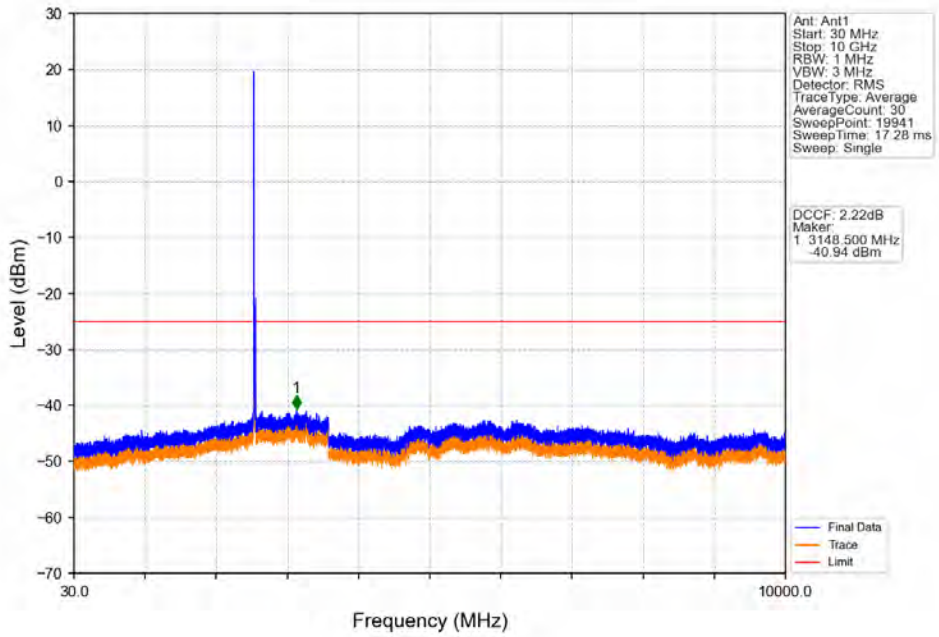
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2627.5	2662.5	0.33	/	/	/	/	/	/
2662.5	2662.5	0.33	/	1	2651.825	-19.09	-10	Pass

Band41_15MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV

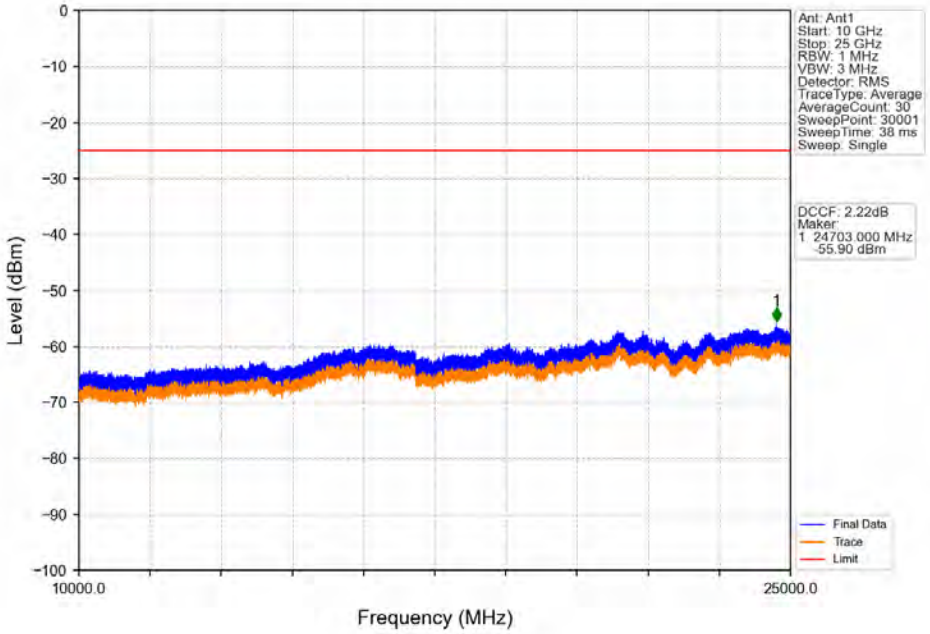


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2488.938	-46.13	-25	Pass
2495	2572.5	0.3	/	2	2549.750	-20.07	-10	Pass
2572.5	2572.5	0.3	/	/	/	/	/	/

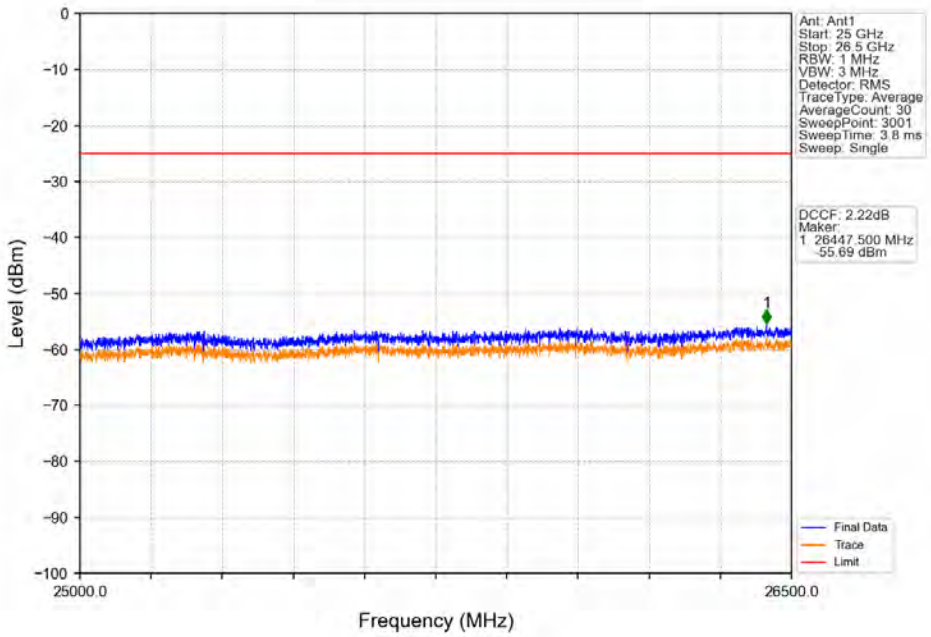
Band41_15MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV



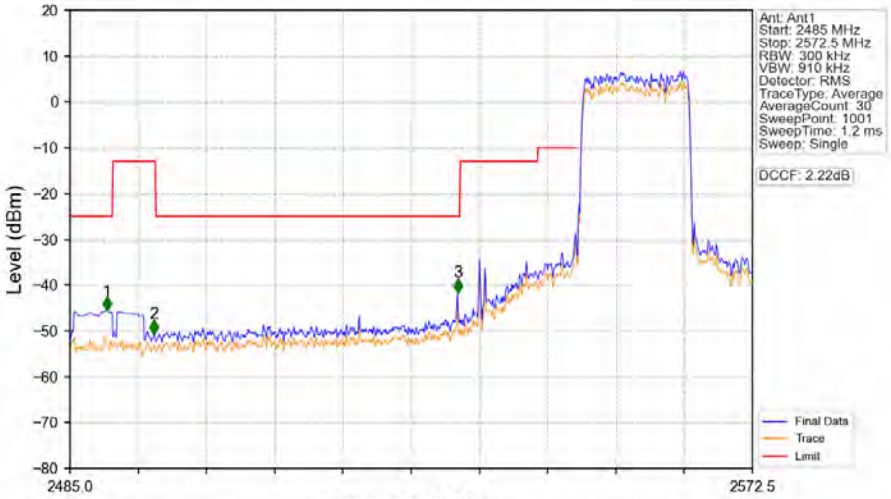
Band41_15MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV



Band41_15MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV

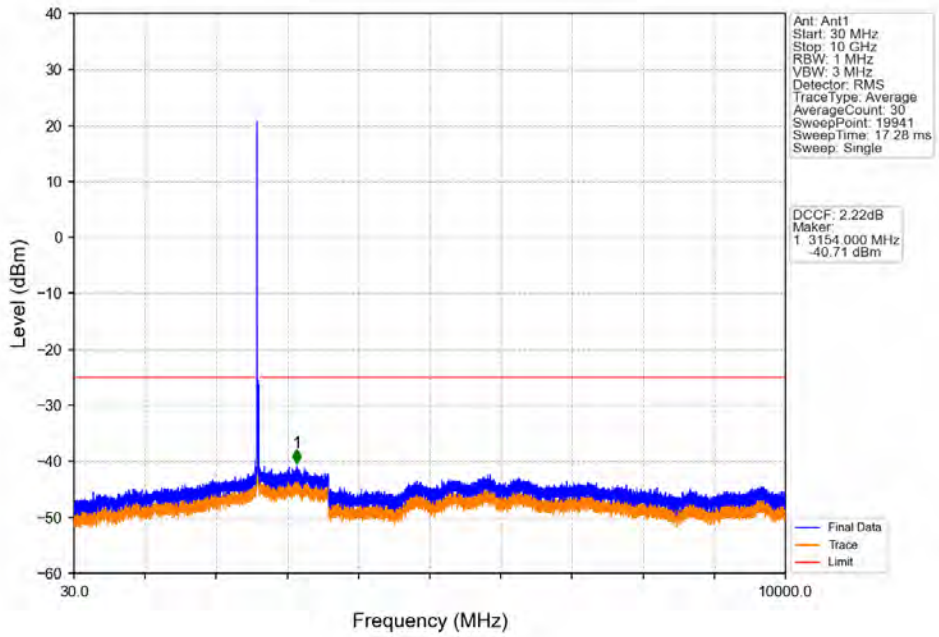


Band41_15MHz_16QAM_LCH_2557.5MHz_RB_75_0_NTNV

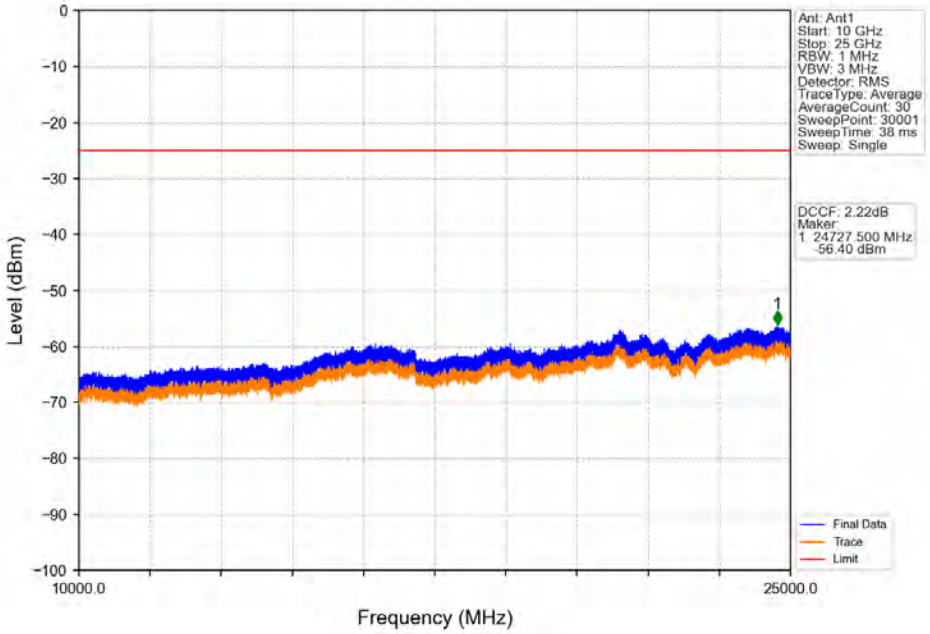


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2489.725	-45.60	-25	Pass
2495	2496	0.3	/	2	2495.762	-50.66	-13	Pass
2496	2572.5	0.346	/	3	2534.700	-41.66	-25	Pass
2572.5	2572.5	0.346	/	/	/	/	/	/

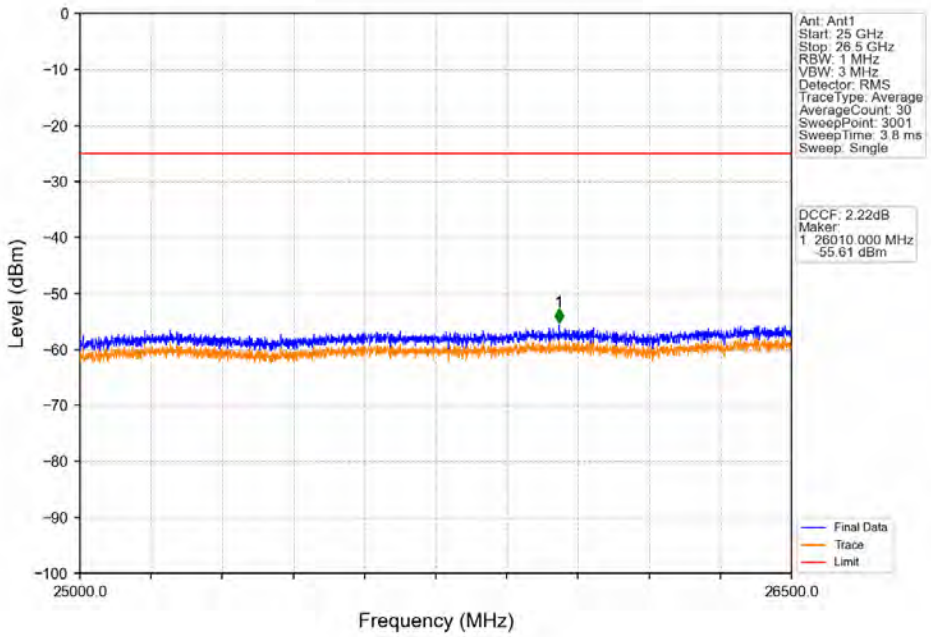
Band41_15MHz_16QAM_MCH_2600MHz_RB_1_0_NTNV



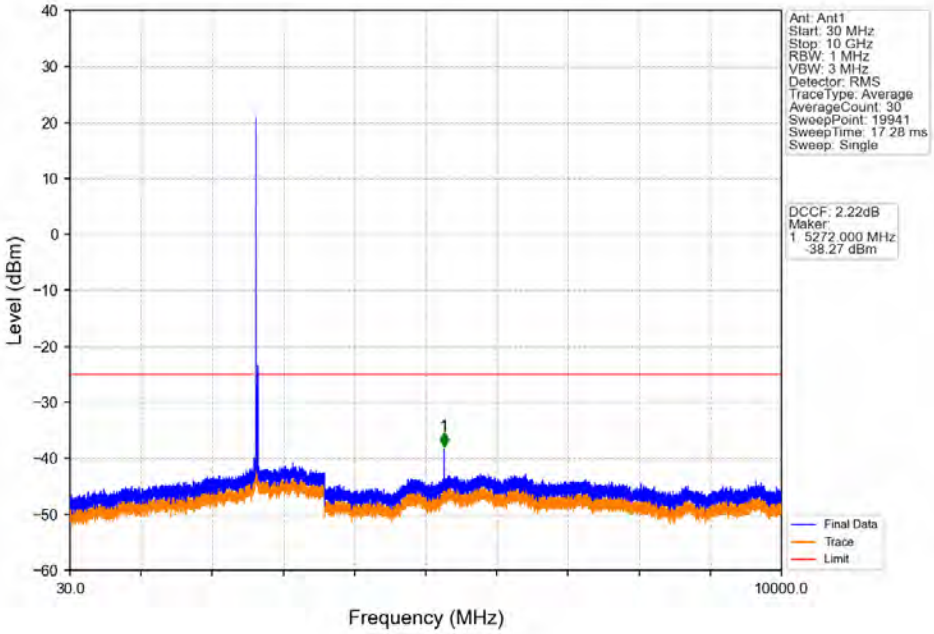
Band41_15MHz_16QAM_MCH_2600MHz_RB_1_0_NTNV



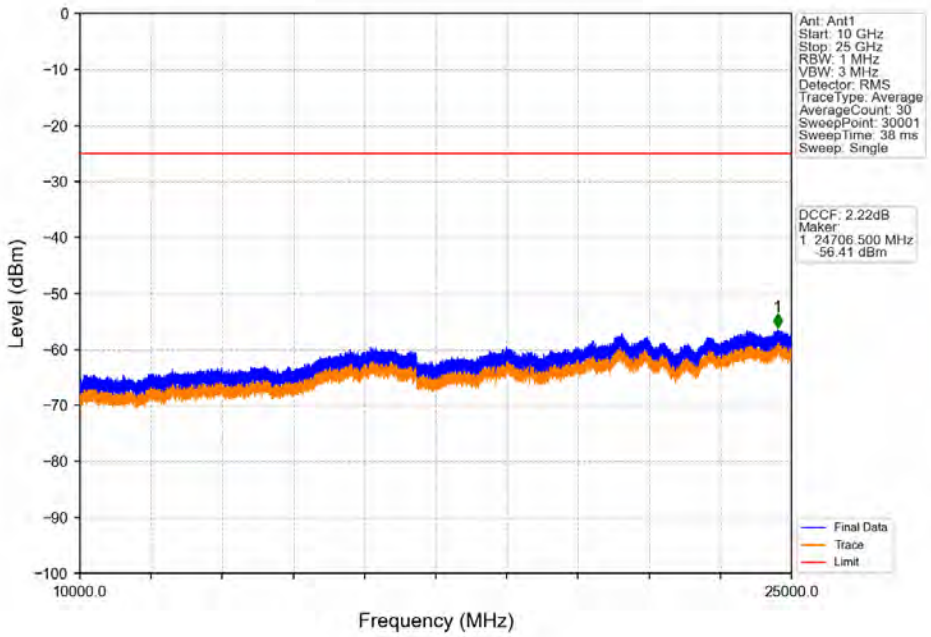
Band41_15MHz_16QAM_MCH_2600MHz_RB_1_0_NTNV



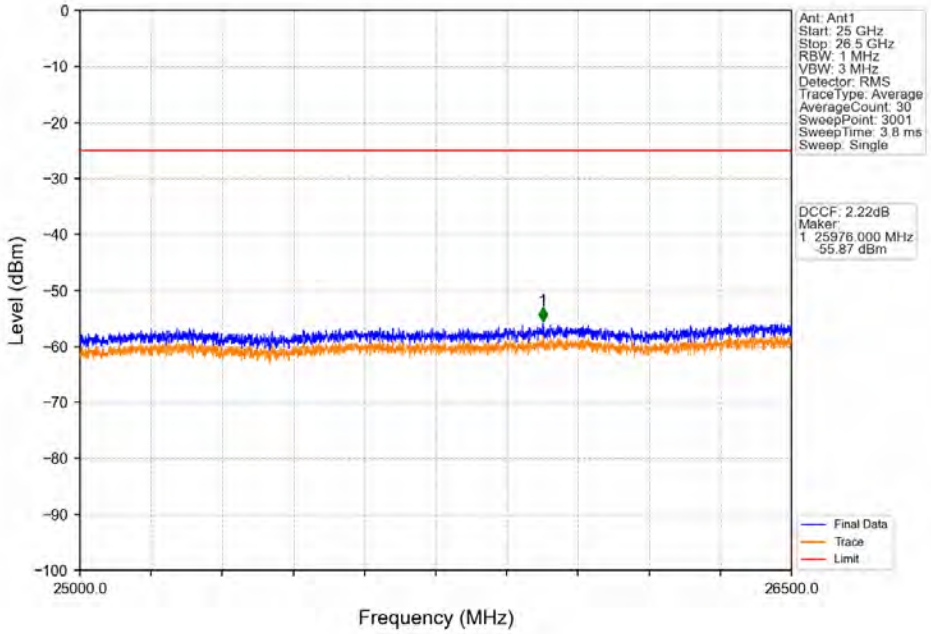
Band41_15MHz_16QAM_HCH_2642.5MHz_RB_1_0_NTNV



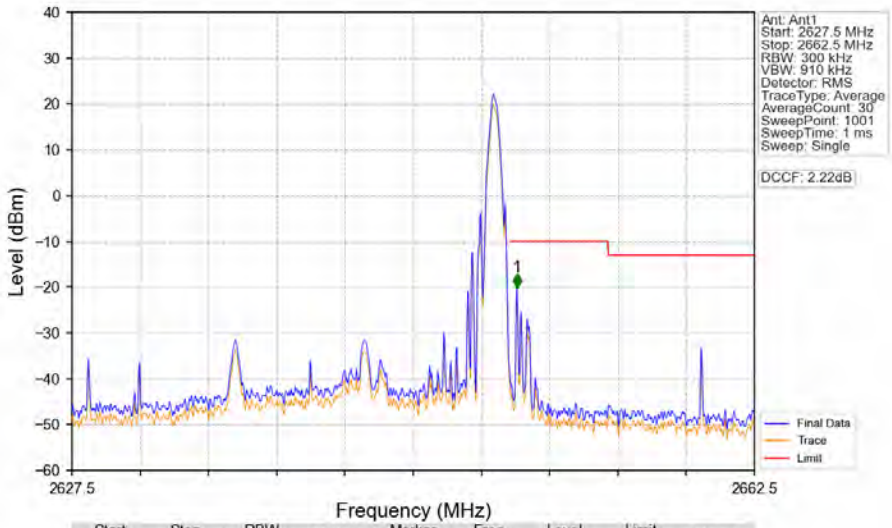
Band41_15MHz_16QAM_HCH_2642.5MHz_RB_1_0_NTNV



Band41_15MHz_16QAM_HCH_2642.5MHz_RB_1_0_NTNV

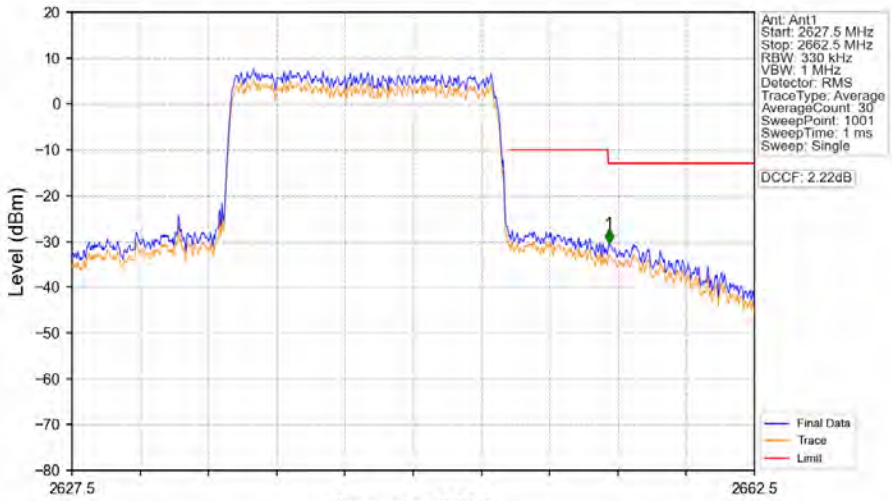


Band41_15MHz_16QAM_HCH_2642.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2627.5	2662.5	0.3	/	/	/	/	/	/
2662.5	2662.5	0.3	/	1	2650.320	-20.05	-10	Pass

Band41_15MHz_16QAM_HCH_2642.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2627.5	2662.5	0.33	/	/	/	/	/	/
2662.5	2662.5	0.33	/	1	2655.045	-30.46	-13	Pass

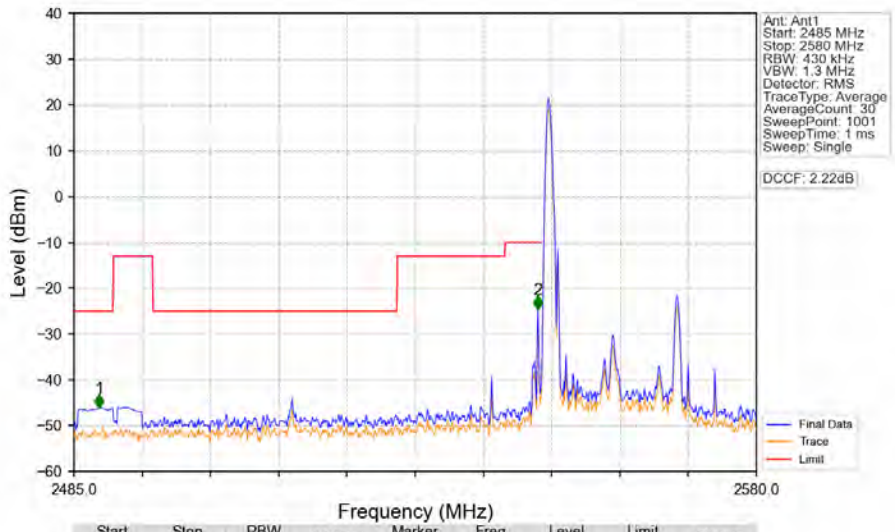
6.4 B41_20MHz

6.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2560	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2600	1	0	Refer To Test Graph		Pass
	2640	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2560	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2600	1	0	Refer To Test Graph		Pass
	2640	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

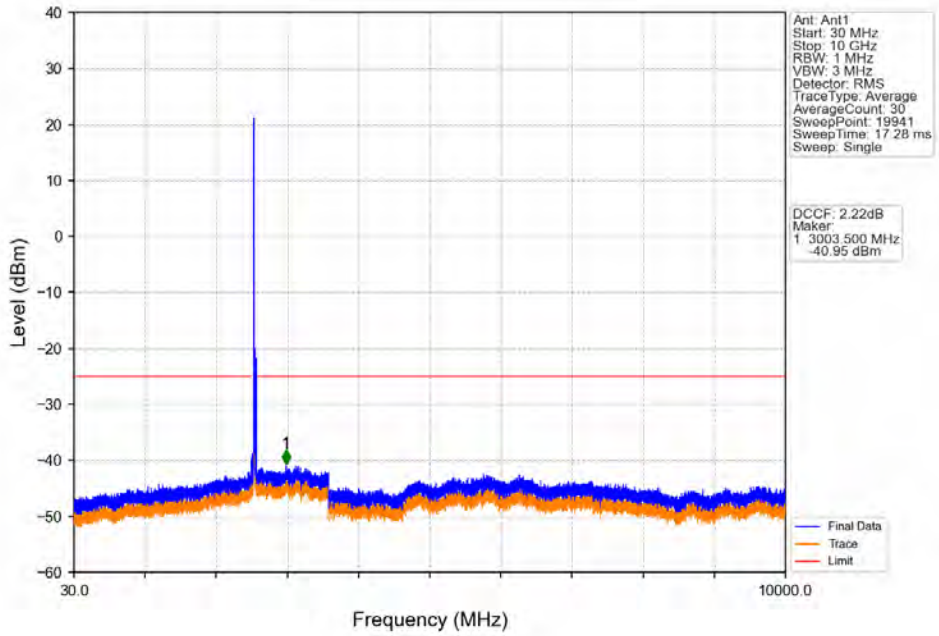
6.4.2 Test Graph

Band41_20MHz_QPSK_LCH_2560MHz_RB_1_0_NTNV

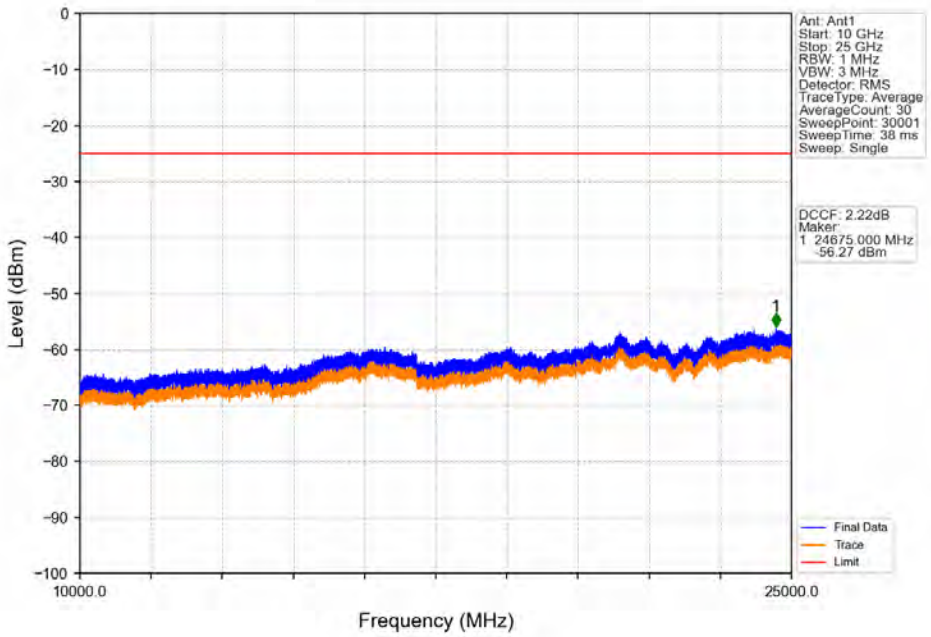


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2488.515	-46.19	-25	Pass
2495	2580	0.43	/	2	2549.600	-24.70	-10	Pass
2580	2580	0.43	/	/	/	/	/	/

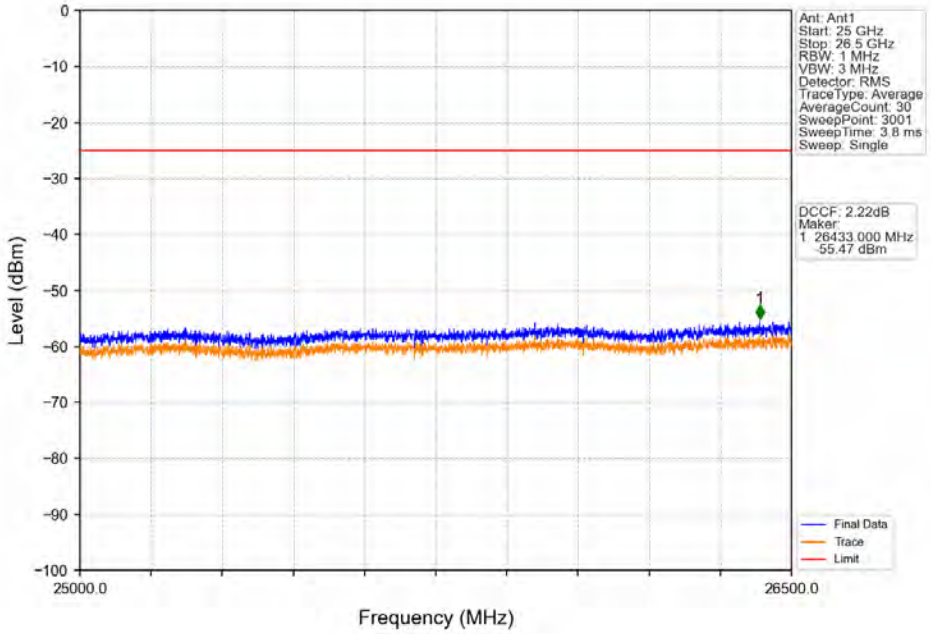
Band41_20MHz_QPSK_LCH_2560MHz_RB_1_0_NTNV



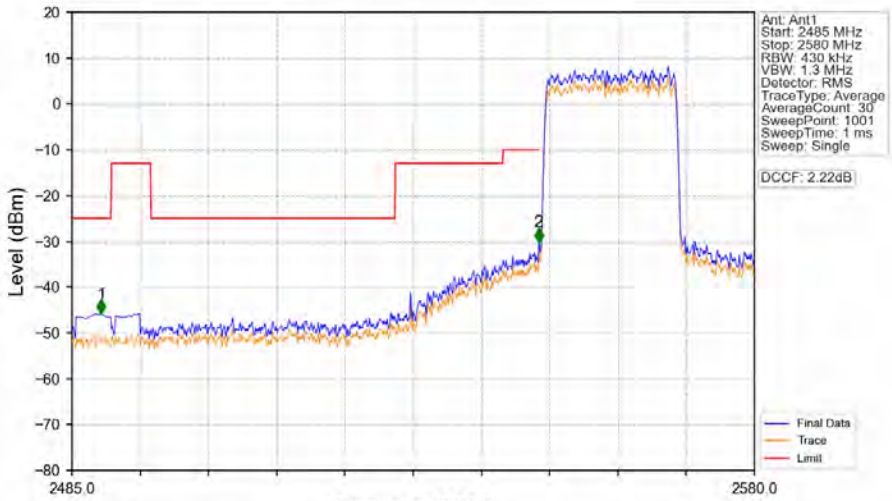
Band41_20MHz_QPSK_LCH_2560MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2560MHz_RB_1_0_NTNV

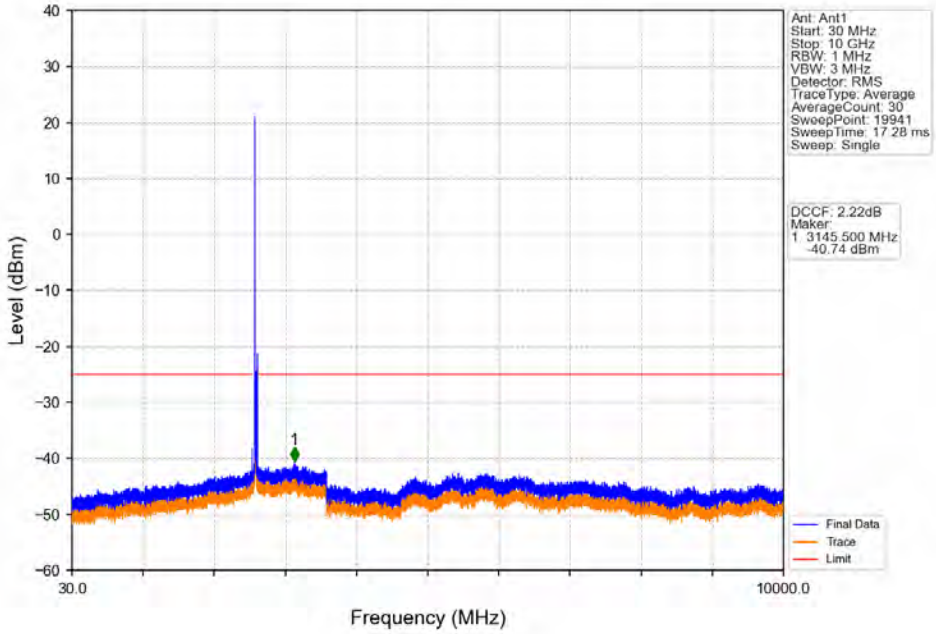


Band41_20MHz_QPSK_LCH_2560MHz_RB_100_0_NTNV

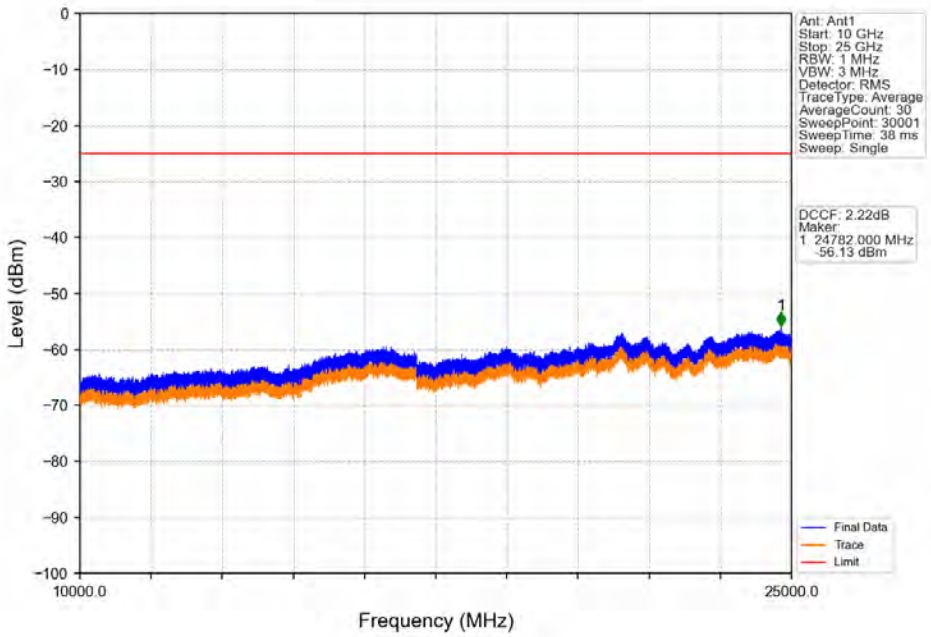


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2489.085	-45.84	-25	Pass
2495	2580	0.43	/	2	2549.980	-30.19	-10	Pass
2580	2580	0.43	/	/	/	/	/	/

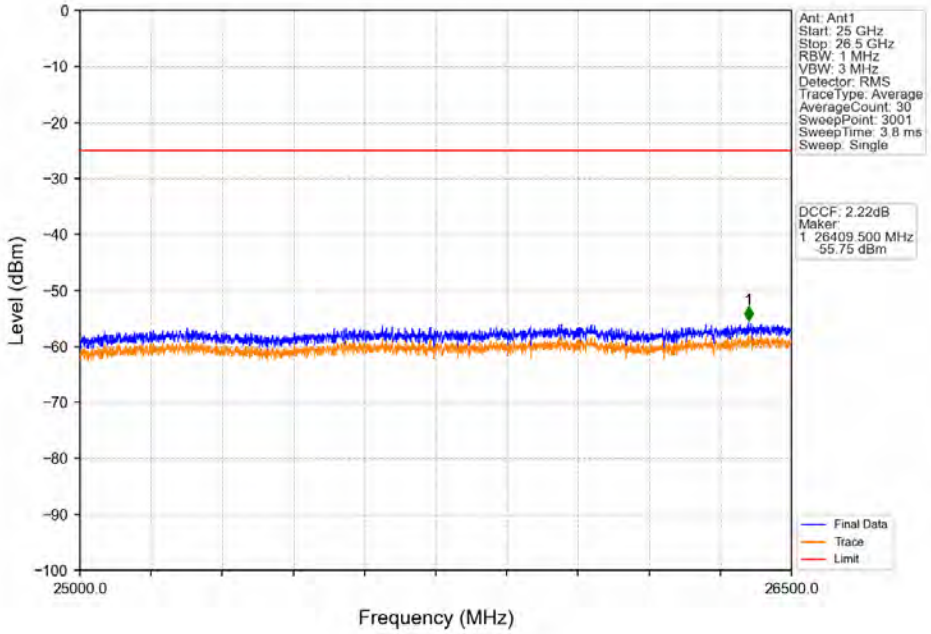
Band41_20MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



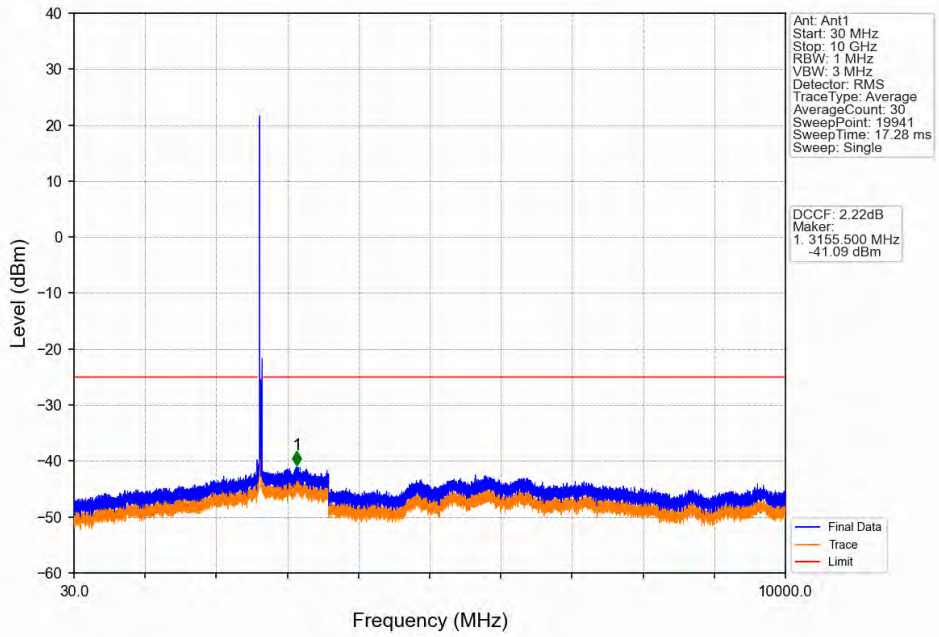
Band41_20MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



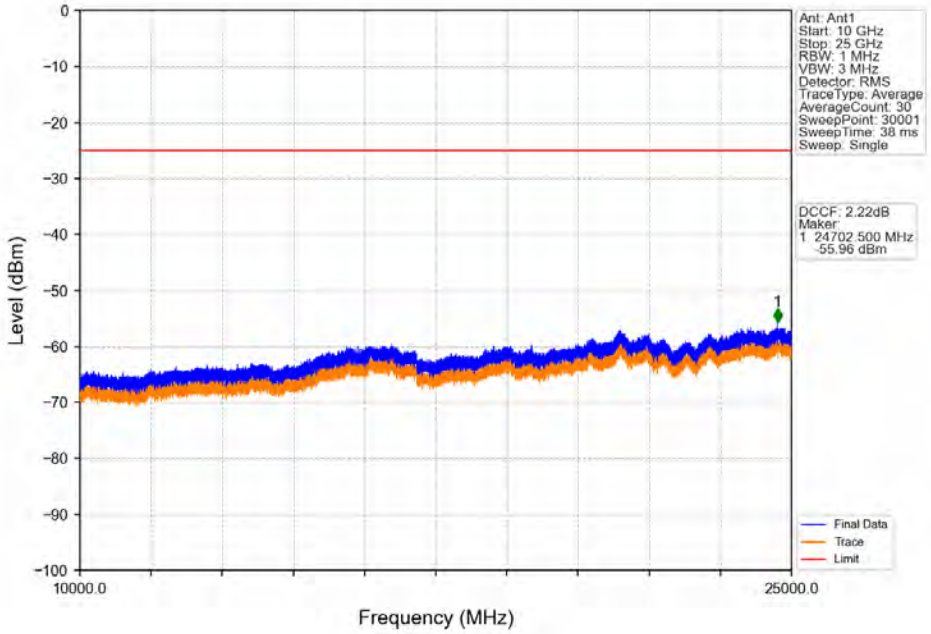
Band41_20MHz_QPSK_MCH_2600MHz_RB_1_0_NTNV



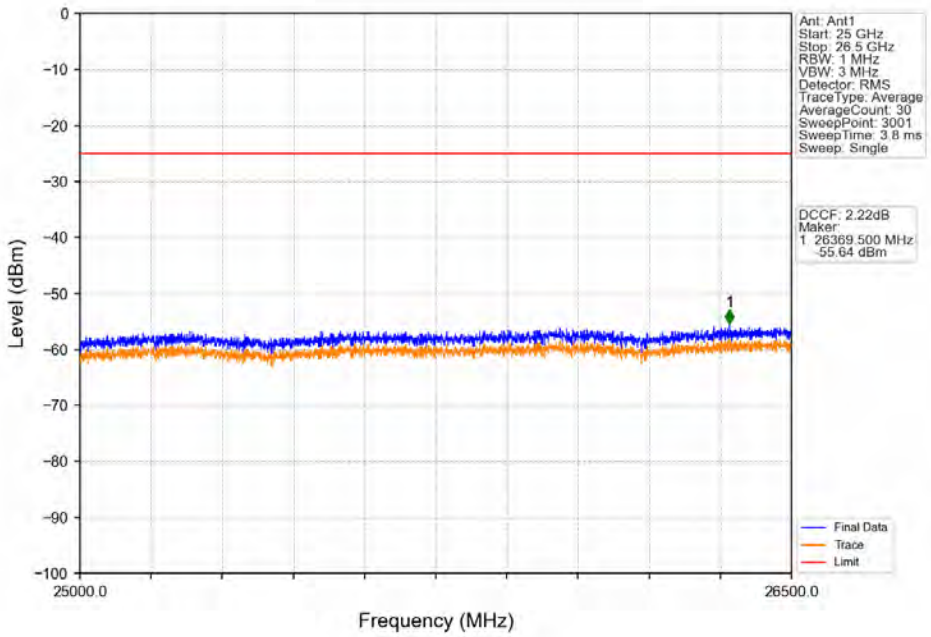
Band41_20MHz_QPSK_HCH_2640MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2640MHz_RB_1_0_NTNV



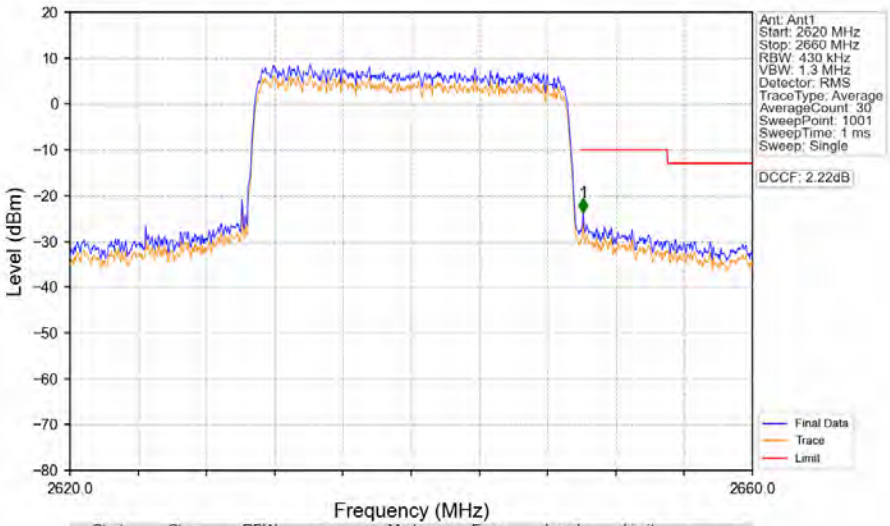
Band41_20MHz_QPSK_HCH_2640MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2640MHz_RB_1_99_NTNV

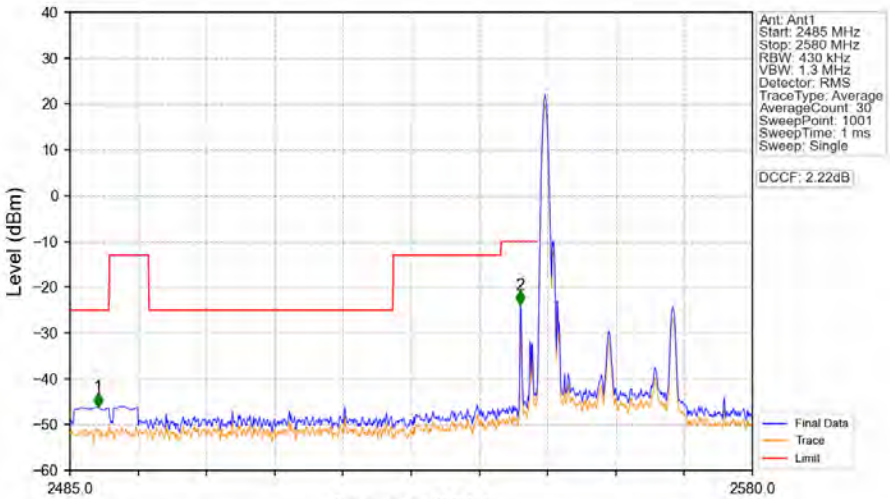
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2620	2660	0.43	/	/	/	/	/	/
2660	2660	0.43	/	1	2650.000	-10.68	-10	Pass

Band41_20MHz_QPSK_HCH_2640MHz_RB_100_0_NTNV



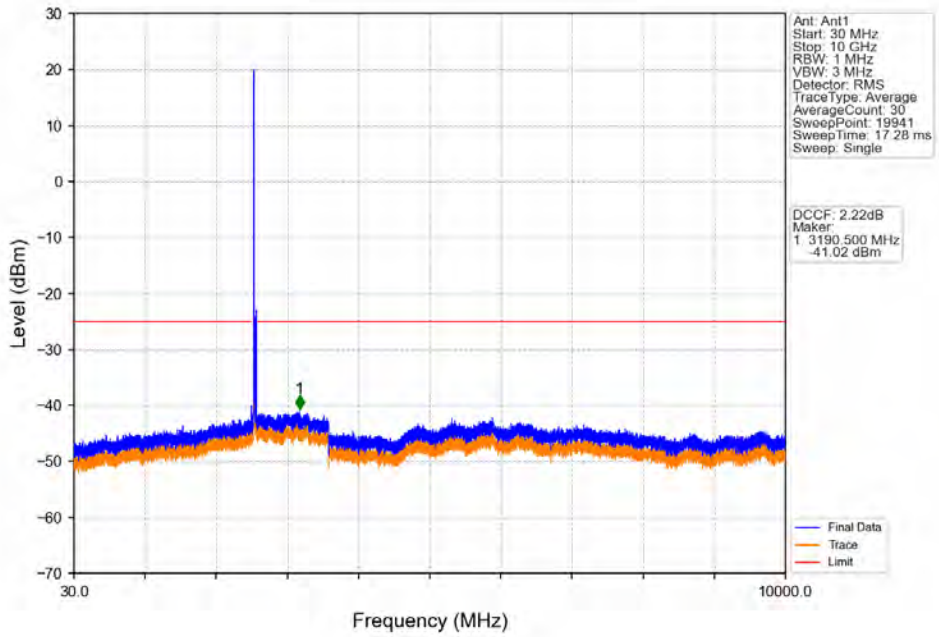
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2620	2660	0.43	/	/	/	/	/	/
2660	2660	0.43	/	1	2650.080	-23.73	-10	Pass

Band41_20MHz_16QAM_LCH_2560MHz_RB_1_0_NTNV

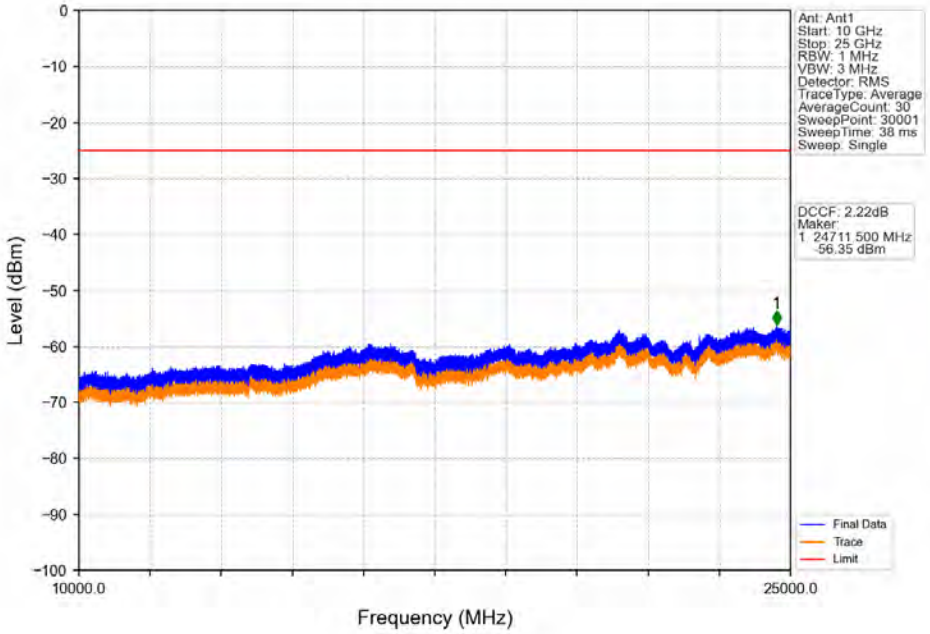


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2488.895	-46.17	-25	Pass
2495	2580	0.43	/	2	2547.700	-23.89	-10	Pass
2580	2580	0.43	/	/	/	/	/	/

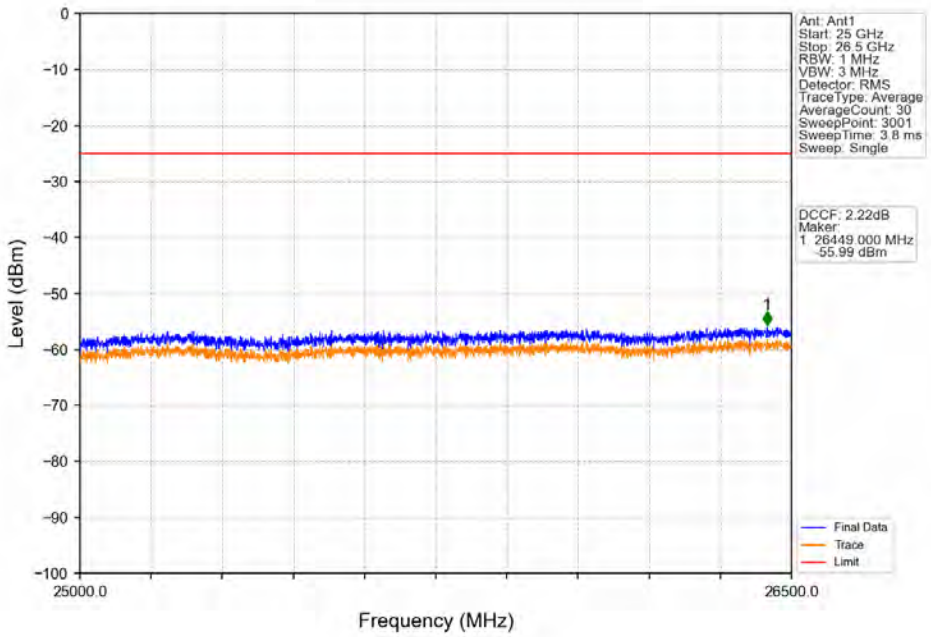
Band41_20MHz_16QAM_LCH_2560MHz_RB_1_0_NTNV



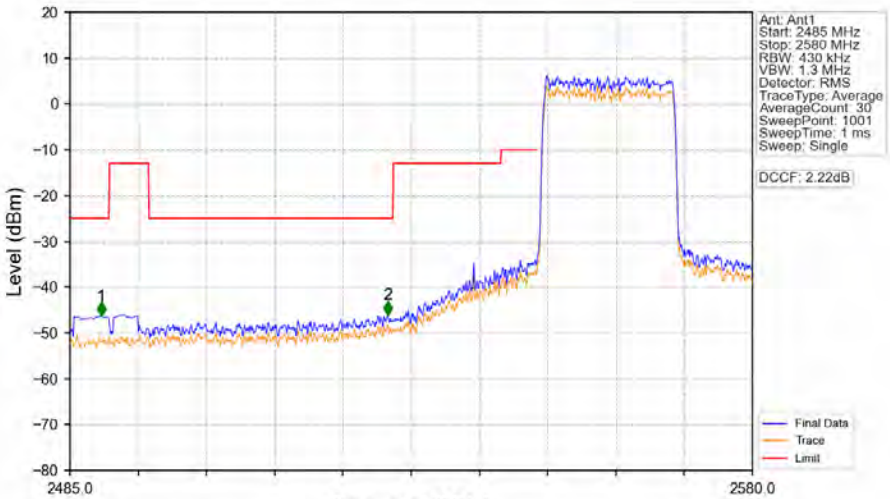
Band41_20MHz_16QAM_LCH_2560MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_LCH_2560MHz_RB_1_0_NTNV

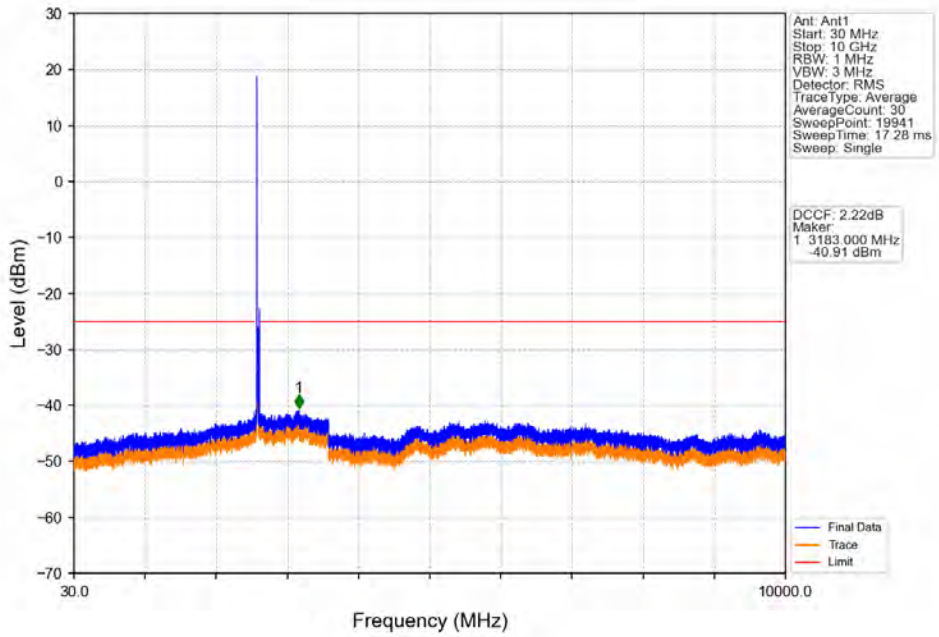


Band41_20MHz_16QAM_LCH_2560MHz_RB_100_0_NTNV

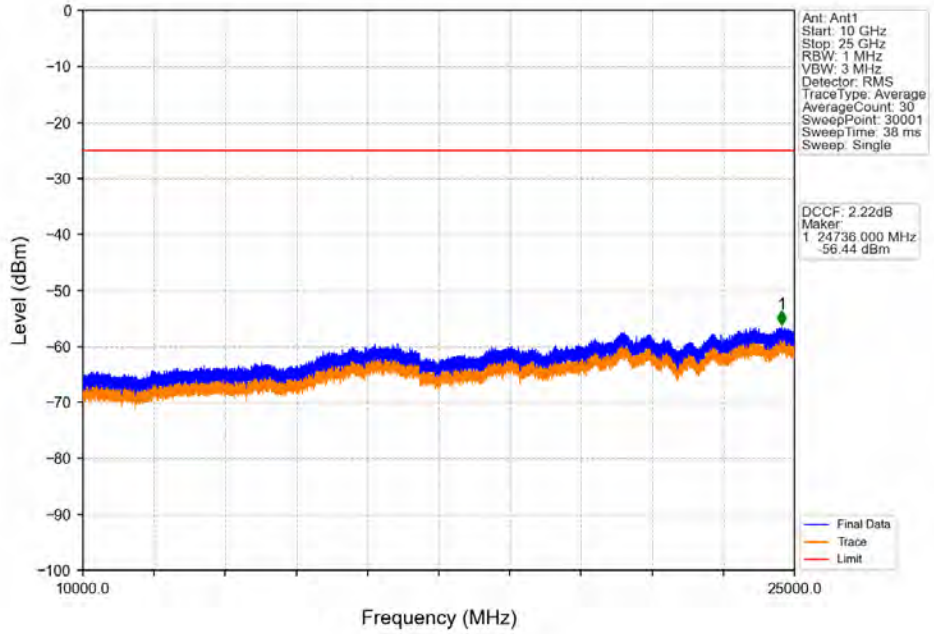


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2489.370	-46.28	-25	Pass
2495	2580	0.43	/	2	2529.270	-46.06	-25	Pass
2580	2580	0.43	/	/	/	/	/	/

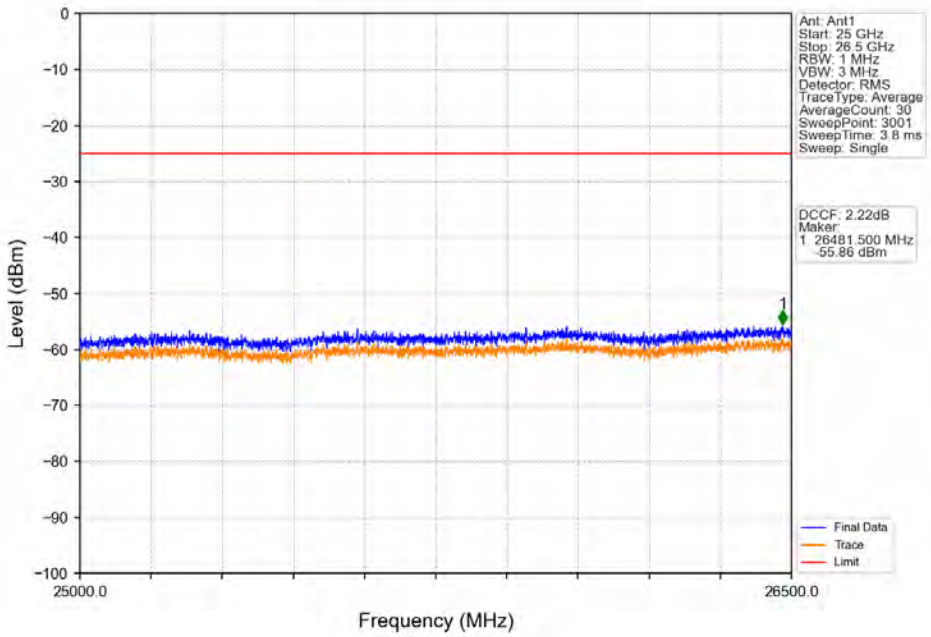
Band41_20MHz_16QAM_MCH_2600MHz_RB_1_0_NTNV



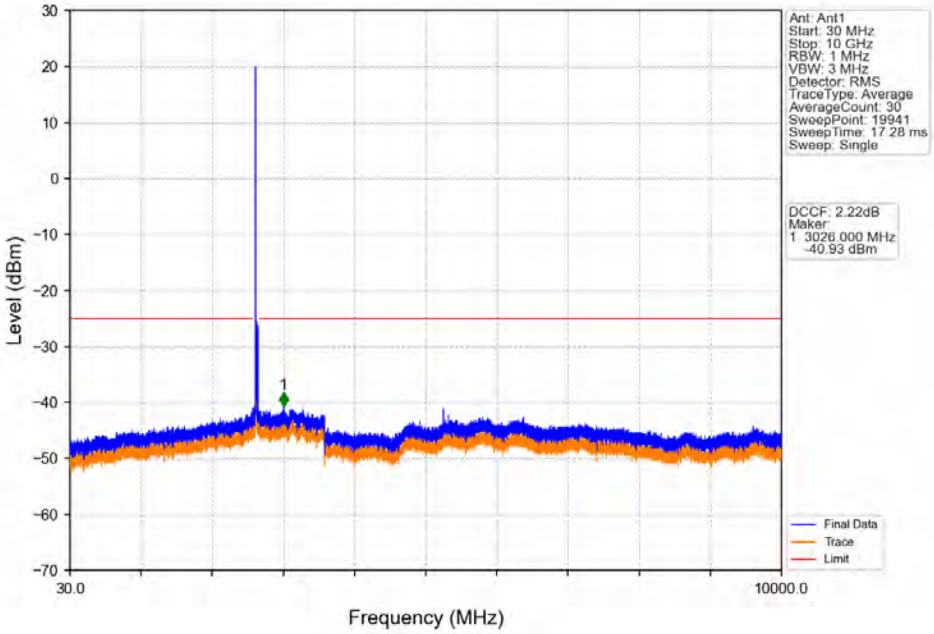
Band41_20MHz_16QAM_MCH_2600MHz_RB_1_0_NTNV



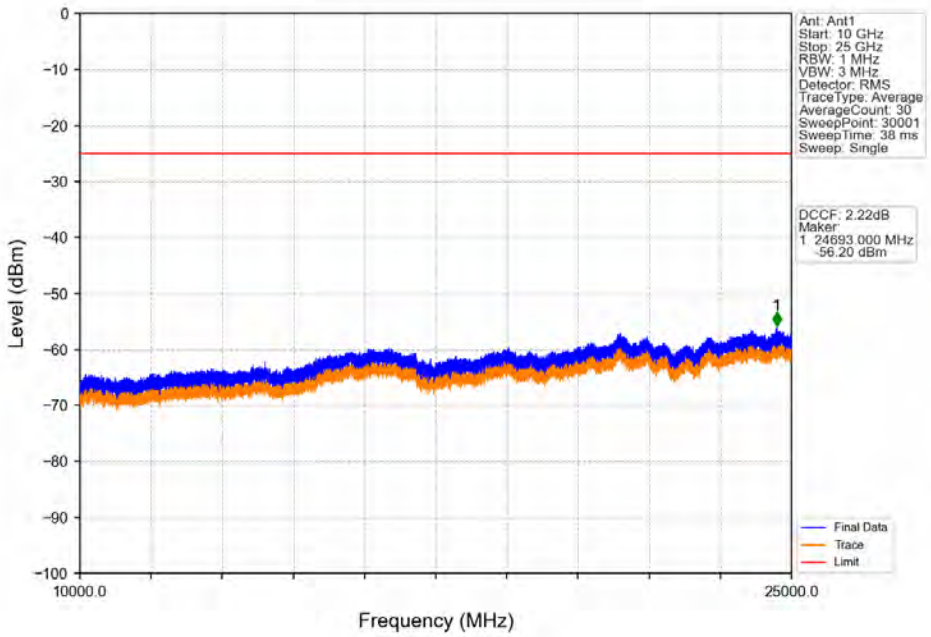
Band41_20MHz_16QAM_MCH_2600MHz_RB_1_0_NTNV



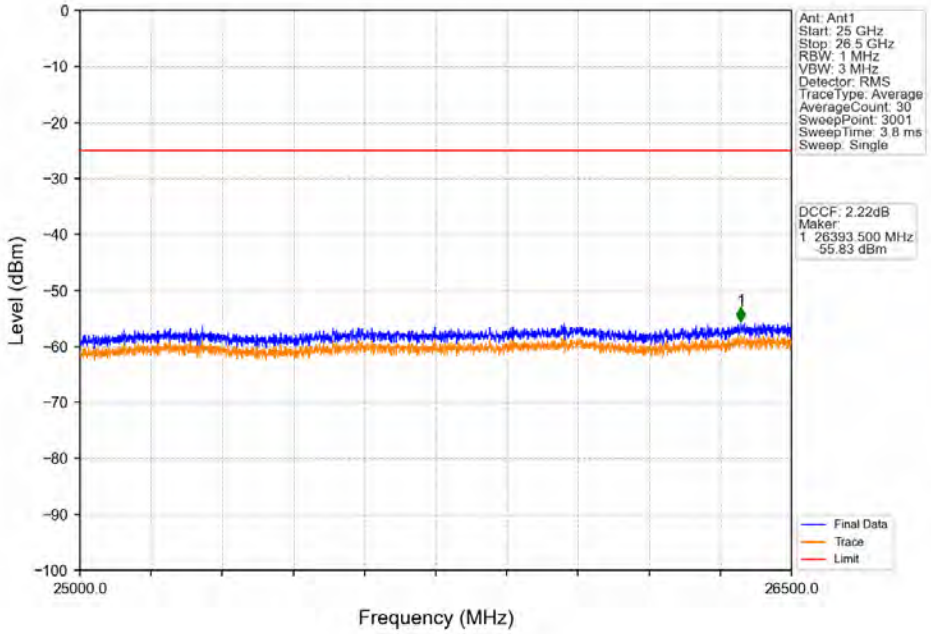
Band41_20MHz_16QAM_HCH_2640MHz_RB_1_0_NTNV



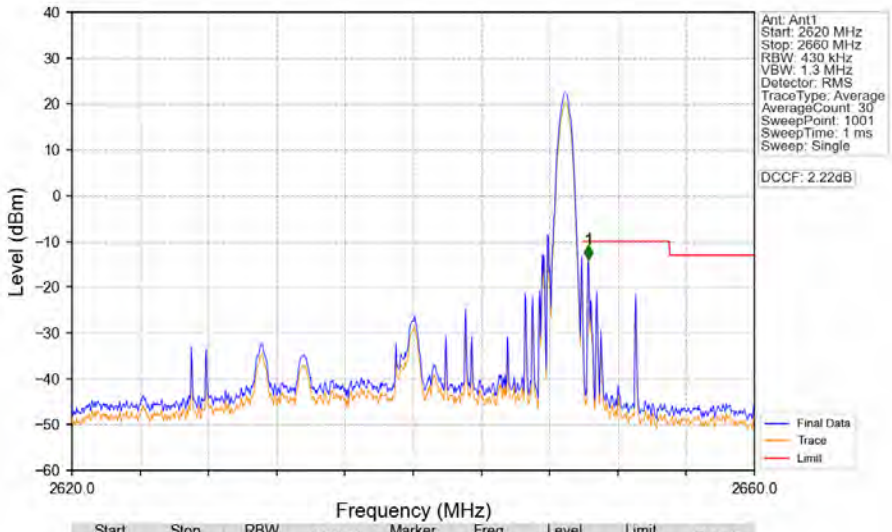
Band41_20MHz_16QAM_HCH_2640MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_HCH_2640MHz_RB_1_0_NTNV

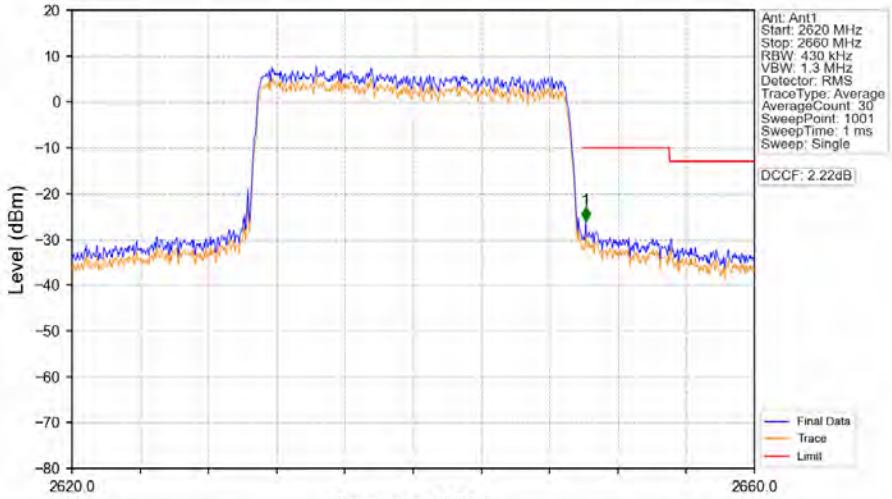


Band41_20MHz_16QAM_HCH_2640MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2620	2660	0.43	/	/	/	/	/	/
2660	2660	0.43	/	1	2650.280	-13.98	-10	Pass

Band41_20MHz_16QAM_HCH_2640MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2620	2660	0.43	/	/	/	/	/	/
2660	2660	0.43	/	1	2650.120	-25.97	-10	Pass

7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
41	5	2552.5	2647.5	0.2198	0.0176	ppm	4M58G7D	27M	23.42
41	5	2552.5	2647.5	0.1762	0.0184	ppm	4M60W7D	27M	22.46
41	10	2555	2645	0.2286	0.0181	ppm	9M12G7D	27M	23.59
41	10	2555	2645	0.1828	0.0190	ppm	9M09W7D	27M	22.62
41	15	2557.5	2642.5	0.2123	0.0188	ppm	13M6G7D	27M	23.27
41	15	2557.5	2642.5	0.1667	0.0175	ppm	13M7W7D	27M	22.22
41	20	2560	2640	0.2133	0.0219	ppm	18M2G7D	27M	23.29
41	20	2560	2640	0.1698	0.0187	ppm	18M2W7D	27M	22.30

7.2 Form731_EIRP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
41	5	2552.5	2647.5	0.2844	0.0176	ppm	4M58G7D	27M	24.54
41	5	2552.5	2647.5	0.2280	0.0184	ppm	4M60W7D	27M	23.58
41	10	2555	2645	0.2958	0.0181	ppm	9M12G7D	27M	24.71
41	10	2555	2645	0.2366	0.0190	ppm	9M09W7D	27M	23.74
41	15	2557.5	2642.5	0.2748	0.0188	ppm	13M6G7D	27M	24.39
41	15	2557.5	2642.5	0.2158	0.0175	ppm	13M7W7D	27M	23.34
41	20	2560	2640	0.2761	0.0219	ppm	18M2G7D	27M	24.41
41	20	2560	2640	0.2198	0.0187	ppm	18M2W7D	27M	23.42