1. Effective (Isotropic) Radiated Power Output Data

1.1 B41_5MHz_EIRP(ANT13)

1.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	23.08	0.92	24.00	<=33.01	Pass
			13	23.04	0.92	23.96	<=33.01	Pass
			24	23.06	0.92	23.98	<=33.01	Pass
		12	0	22.04	0.92	22.96	<=33.01	Pass
			6	22.04	0.92	22.96	<=33.01	Pass
			13	22.04	0.92	22.96	<=33.01	Pass
		25	0	22.04	0.92	22.96	<=33.01	Pass
	2593	1	0	23.19	0.92	24.11	<=33.01	Pass
			13	23.15	0.92	24.07	<=33.01	Pass
			24	23.19	0.92	24.11	<=33.01	Pass
		12	0	22.18	0.92	23.10	<=33.01	Pass
			6	22.18	0.92	23.10	<=33.01	Pass
			13	22.17	0.92	23.09	<=33.01	Pass
		25	0	22.22	0.92	23.14	<=33.01	Pass
	2687.5	1	0	23.01	0.92	23.93	<=33.01	Pass
			13	22.98	0.92	23.90	<=33.01	Pass
			24	22.97	0.92	23.89	<=33.01	Pass
		12	0	22.09	0.92	23.01	<=33.01	Pass
			6	22.05	0.92	22.97	<=33.01	Pass
			13	22.05	0.92	22.97	<=33.01	Pass
		25	0	22.05	0.92	22.97	<=33.01	Pass
16QAM	2498.5	1	0	22.09	0.92	23.01	<=33.01	Pass
			13	22.00	0.92	22.92	<=33.01	Pass
			24	22.08	0.92	23.00	<=33.01	Pass
		12	0	20.96	0.92	21.88	<=33.01	Pass
			6	20.98	0.92	21.90	<=33.01	Pass
			13	20.99	0.92	21.91	<=33.01	Pass
		25	0	21.03	0.92	21.95	<=33.01	Pass
	2593	1	0	22.27	0.92	23.19	<=33.01	Pass
			13	22.24	0.92	23.16	<=33.01	Pass
			24	22.28	0.92	23.20	<=33.01	Pass
		12	0	21.16	0.92	22.08	<=33.01	Pass
			6	21.14	0.92	22.06	<=33.01	Pass
			13	21.15	0.92	22.07	<=33.01	Pass
		25	0	21.23	0.92	22.15	<=33.01	Pass
	2687.5	1	0	22.15	0.92	23.07	<=33.01	Pass
			13	22.10	0.92	23.02	<=33.01	Pass
			24	22.12	0.92	23.04	<=33.01	Pass
		12	0	21.06	0.92	21.98	<=33.01	Pass
			6	21.02	0.92	21.94	<=33.01	Pass
			13	21.00	0.92	21.92	<=33.01	Pass
		25	0	21.12	0.92	22.04	<=33.01	Pass
64QAM	2498.5	1	0	20.66	0.92	21.58	<=33.01	Pass
			13	20.63	0.92	21.55	<=33.01	Pass
			24	20.71	0.92	21.63	<=33.01	Pass
		12	0	20.04	0.92	20.96	<=33.01	Pass
			6	20.00	0.92	20.92	<=33.01	Pass
			13	20.01	0.92	20.93	<=33.01	Pass
		25	0	20.04	0.92	20.96	<=33.01	Pass

	2593	1	0	20.87	0.92	21.79	<=33.01	Pass
			13	20.85	0.92	21.77	<=33.01	Pass
			24	20.88	0.92	21.80	<=33.01	Pass
		12	0	20.24	0.92	21.16	<=33.01	Pass
			6	20.21	0.92	21.13	<=33.01	Pass
			13	20.20	0.92	21.12	<=33.01	Pass
		25	0	20.21	0.92	21.13	<=33.01	Pass
	2687.5	1	0	20.81	0.92	21.73	<=33.01	Pass
			13	20.73	0.92	21.65	<=33.01	Pass
			24	20.72	0.92	21.64	<=33.01	Pass
		12	0	20.13	0.92	21.05	<=33.01	Pass
			6	20.08	0.92	21.00	<=33.01	Pass
			13	20.09	0.92	21.01	<=33.01	Pass
		25	0	20.12	0.92	21.04	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B41_10MHz_EIRP

1.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	23.11	0.92	24.03	<=33.01	Pass
			25	23.00	0.92	23.92	<=33.01	Pass
			49	23.10	0.92	24.02	<=33.01	Pass
		25	0	21.98	0.92	22.90	<=33.01	Pass
			13	21.98	0.92	22.90	<=33.01	Pass
			25	22.07	0.92	22.99	<=33.01	Pass
		50	0	22.03	0.92	22.95	<=33.01	Pass
	2593	1	0	23.18	0.92	24.10	<=33.01	Pass
			25	23.15	0.92	24.07	<=33.01	Pass
			49	23.26	0.92	24.18	<=33.01	Pass
		25	0	22.19	0.92	23.11	<=33.01	Pass
			13	22.20	0.92	23.12	<=33.01	Pass
			25	22.23	0.92	23.15	<=33.01	Pass
		50	0	22.21	0.92	23.13	<=33.01	Pass
	2685	1	0	23.11	0.92	24.03	<=33.01	Pass
			25	22.99	0.92	23.91	<=33.01	Pass
			49	23.01	0.92	23.93	<=33.01	Pass
		25	0	22.12	0.92	23.04	<=33.01	Pass
			13	22.08	0.92	23.00	<=33.01	Pass
			25	22.08	0.92	23.00	<=33.01	Pass
		50	0	22.12	0.92	23.04	<=33.01	Pass
16QAM	2501	1	0	22.04	0.92	22.96	<=33.01	Pass
			25	22.02	0.92	22.94	<=33.01	Pass
			49	22.06	0.92	22.98	<=33.01	Pass
		25	0	21.04	0.92	21.96	<=33.01	Pass
			13	20.99	0.92	21.91	<=33.01	Pass
			25	21.02	0.92	21.94	<=33.01	Pass
		50	0	21.02	0.92	21.94	<=33.01	Pass
	2593	1	0	22.27	0.92	23.19	<=33.01	Pass
			25	22.29	0.92	23.21	<=33.01	Pass
			49	22.38	0.92	23.30	<=33.01	Pass
		25	0	21.18	0.92	22.10	<=33.01	Pass
			13	21.18	0.92	22.10	<=33.01	Pass
			25	21.22	0.92	22.14	<=33.01	Pass

		50	0	21.26	0.92	22.18	<=33.01	Pass
	2685	1	0	22.24	0.92	23.16	<=33.01	Pass
			25	22.16	0.92	23.08	<=33.01	Pass
			49	22.13	0.92	23.05	<=33.01	Pass
		25	0	21.12	0.92	22.04	<=33.01	Pass
			13	21.08	0.92	22.00	<=33.01	Pass
			25	21.11	0.92	22.03	<=33.01	Pass
		50	0	21.14	0.92	22.06	<=33.01	Pass
64QAM	2501	1	0	20.76	0.92	21.68	<=33.01	Pass
			25	20.68	0.92	21.60	<=33.01	Pass
			49	20.72	0.92	21.64	<=33.01	Pass
		25	0	20.05	0.92	20.97	<=33.01	Pass
			13	19.98	0.92	20.90	<=33.01	Pass
			25	20.02	0.92	20.94	<=33.01	Pass
		50	0	19.98	0.92	20.90	<=33.01	Pass
	2593	1	0	20.85	0.92	21.77	<=33.01	Pass
			25	20.85	0.92	21.77	<=33.01	Pass
			49	20.92	0.92	21.84	<=33.01	Pass
		25	0	20.21	0.92	21.13	<=33.01	Pass
			13	20.22	0.92	21.14	<=33.01	Pass
			25	20.27	0.92	21.19	<=33.01	Pass
		50	0	20.21	0.92	21.13	<=33.01	Pass
	2685	1	0	20.83	0.92	21.75	<=33.01	Pass
			25	20.72	0.92	21.64	<=33.01	Pass
			49	20.74	0.92	21.66	<=33.01	Pass
		25	0	20.17	0.92	21.09	<=33.01	Pass
			13	20.14	0.92	21.06	<=33.01	Pass
			25	20.12	0.92	21.04	<=33.01	Pass
		50	0	20.12	0.92	21.04	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B41_15MHz_EIRP

1.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	23.08	0.92	24.00	<=33.01	Pass
			38	23.03	0.92	23.95	<=33.01	Pass
			74	23.09	0.92	24.01	<=33.01	Pass
		36	0	21.97	0.92	22.89	<=33.01	Pass
			18	22.02	0.92	22.94	<=33.01	Pass
			39	22.00	0.92	22.92	<=33.01	Pass
		75	0	22.03	0.92	22.95	<=33.01	Pass
	2593	1	0	23.13	0.92	24.05	<=33.01	Pass
			38	23.18	0.92	24.10	<=33.01	Pass
			74	23.22	0.92	24.14	<=33.01	Pass
		36	0	22.16	0.92	23.08	<=33.01	Pass
			18	22.21	0.92	23.13	<=33.01	Pass
			39	22.21	0.92	23.13	<=33.01	Pass
		75	0	22.23	0.92	23.15	<=33.01	Pass
	2682.5	1	0	23.14	0.92	24.06	<=33.01	Pass
			38	23.10	0.92	24.02	<=33.01	Pass
			74	23.05	0.92	23.97	<=33.01	Pass
		36	0	22.19	0.92	23.11	<=33.01	Pass
			18	22.13	0.92	23.05	<=33.01	Pass

			39	22.13	0.92	23.05	<=33.01	Pass
		75	0	22.17	0.92	23.09	<=33.01	Pass
16QAM	2503.5	1	0	22.07	0.92	22.99	<=33.01	Pass
			38	22.09	0.92	23.01	<=33.01	Pass
			74	22.13	0.92	23.05	<=33.01	Pass
		36	0	20.97	0.92	21.89	<=33.01	Pass
			18	20.96	0.92	21.88	<=33.01	Pass
			39	20.96	0.92	21.88	<=33.01	Pass
		75	0	21.04	0.92	21.96	<=33.01	Pass
	2593	1	0	22.29	0.92	23.21	<=33.01	Pass
			38	22.31	0.92	23.23	<=33.01	Pass
			74	22.35	0.92	23.27	<=33.01	Pass
		36	0	21.15	0.92	22.07	<=33.01	Pass
			18	21.17	0.92	22.09	<=33.01	Pass
			39	21.20	0.92	22.12	<=33.01	Pass
		75	0	21.26	0.92	22.18	<=33.01	Pass
	2682.5	1	0	22.30	0.92	23.22	<=33.01	Pass
			38	22.22	0.92	23.14	<=33.01	Pass
			74	22.17	0.92	23.09	<=33.01	Pass
		36	0	21.14	0.92	22.06	<=33.01	Pass
			18	21.09	0.92	22.01	<=33.01	Pass
			39	21.11	0.92	22.03	<=33.01	Pass
		75	0	21.17	0.92	22.09	<=33.01	Pass
64QAM	2503.5	1	0	20.70	0.92	21.62	<=33.01	Pass
			38	20.61	0.92	21.53	<=33.01	Pass
			74	20.69	0.92	21.61	<=33.01	Pass
		36	0	19.99	0.92	20.91	<=33.01	Pass
			18	19.94	0.92	20.86	<=33.01	Pass
			39	19.98	0.92	20.90	<=33.01	Pass
		75	0	20.03	0.92	20.95	<=33.01	Pass
	2593	1	0	20.84	0.92	21.76	<=33.01	Pass
			38	20.90	0.92	21.82	<=33.01	Pass
			74	20.92	0.92	21.84	<=33.01	Pass
		36	0	20.19	0.92	21.11	<=33.01	Pass
			18	20.17	0.92	21.09	<=33.01	Pass
			39	20.24	0.92	21.16	<=33.01	Pass
		75	0	20.24	0.92	21.16	<=33.01	Pass
	2682.5	1	0	20.92	0.92	21.84	<=33.01	Pass
			38	20.80	0.92	21.72	<=33.01	Pass
			74	20.76	0.92	21.68	<=33.01	Pass
		36	0	20.17	0.92	21.09	<=33.01	Pass
			18	20.11	0.92	21.03	<=33.01	Pass
			39	20.16	0.92	21.08	<=33.01	Pass
		75	0	20.20	0.92	21.12	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B41_20MHz_EIRP

1.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	23.12	0.92	24.04	<=33.01	Pass
			50	23.13	0.92	24.05	<=33.01	Pass
			99	23.24	0.92	24.16	<=33.01	Pass
		50	0	22.08	0.92	23.00	<=33.01	Pass

			25	22.09	0.92	23.01	<=33.01	Pass
			50	22.14	0.92	23.06	<=33.01	Pass
		100	0	22.10	0.92	23.02	<=33.01	Pass
	2593	1	0	23.17	0.92	24.09	<=33.01	Pass
			50	23.23	0.92	24.15	<=33.01	Pass
			99	23.26	0.92	24.18	<=33.01	Pass
		50	0	22.24	0.92	23.16	<=33.01	Pass
			25	22.27	0.92	23.19	<=33.01	Pass
			50	22.30	0.92	23.22	<=33.01	Pass
		100	0	22.25	0.92	23.17	<=33.01	Pass
	2680	1	0	23.15	0.92	24.07	<=33.01	Pass
			50	23.11	0.92	24.03	<=33.01	Pass
			99	23.05	0.92	23.97	<=33.01	Pass
		50	0	22.26	0.92	23.18	<=33.01	Pass
			25	22.23	0.92	23.15	<=33.01	Pass
			50	22.18	0.92	23.10	<=33.01	Pass
		100	0	22.25	0.92	23.17	<=33.01	Pass
16QAM	2506	1	0	22.12	0.92	23.04	<=33.01	Pass
			50	22.13	0.92	23.05	<=33.01	Pass
			99	22.21	0.92	23.13	<=33.01	Pass
		50	0	21.09	0.92	22.01	<=33.01	Pass
			25	21.13	0.92	22.05	<=33.01	Pass
			50	21.15	0.92	22.07	<=33.01	Pass
		100	0	21.13	0.92	22.05	<=33.01	Pass
	2593	1	0	22.25	0.92	23.17	<=33.01	Pass
			50	22.37	0.92	23.29	<=33.01	Pass
			99	22.35	0.92	23.27	<=33.01	Pass
		50	0	21.21	0.92	22.13	<=33.01	Pass
			25	21.30	0.92	22.22	<=33.01	Pass
			50	21.30	0.92	22.22	<=33.01	Pass
		100	0	21.27	0.92	22.19	<=33.01	Pass
	2680	1	0	22.28	0.92	23.20	<=33.01	Pass
			50	22.24	0.92	23.16	<=33.01	Pass
			99	22.15	0.92	23.07	<=33.01	Pass
		50	0	21.24	0.92	22.16	<=33.01	Pass
			25	21.24	0.92	22.16	<=33.01	Pass
			50	21.21	0.92	22.13	<=33.01	Pass
		100	0	21.24	0.92	22.16	<=33.01	Pass
64QAM	2506	1	0	20.78	0.92	21.70	<=33.01	Pass
			50	20.71	0.92	21.63	<=33.01	Pass
			99	20.81	0.92	21.73	<=33.01	Pass
		50	0	20.09	0.92	21.01	<=33.01	Pass
			25	20.08	0.92	21.00	<=33.01	Pass
			50	20.11	0.92	21.03	<=33.01	Pass
		100	0	20.06	0.92	20.98	<=33.01	Pass
	2593	1	0	20.85	0.92	21.77	<=33.01	Pass
			50	20.90	0.92	21.82	<=33.01	Pass
			99	20.92	0.92	21.84	<=33.01	Pass
		50	0	20.23	0.92	21.15	<=33.01	Pass
			25	20.27	0.92	21.19	<=33.01	Pass
			50	20.32	0.92	21.24	<=33.01	Pass
		100	0	20.25	0.92	21.17	<=33.01	Pass
	2680	1	0	20.88	0.92	21.80	<=33.01	Pass
			50	20.84	0.92	21.76	<=33.01	Pass
			99	20.76	0.92	21.68	<=33.01	Pass
		50	0	20.27	0.92	21.19	<=33.01	Pass
			25	20.21	0.92	21.13	<=33.01	Pass
			50	20.19	0.92	21.11	<=33.01	Pass
		100	0	20.21	0.92	21.13	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 B41_20MHz

2.1.1 Test Result

Band: 41 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2506	100	0	20	3.7	-3.800	-0.0015	/	Pass
					3.91	5.500	0.0022	/	Pass
					4.4	2.100	0.0008	/	Pass
				-30	3.91	1.000	0.0004	/	Pass
				-20	3.91	2.200	0.0009	/	Pass
				-10	3.91	1.700	0.0007	/	Pass
				0	3.91	-1.100	-0.0004	/	Pass
				10	3.91	3.400	0.0014	/	Pass
				30	3.91	-1.300	-0.0005	/	Pass
				40	3.91	4.000	0.0016	/	Pass
				50	3.91	2.700	0.0011	/	Pass
	2593	100	0	20	3.7	-1.800	-0.0007	/	Pass
					3.91	-5.100	-0.0020	/	Pass
					4.4	-3.600	-0.0014	/	Pass
				-30	3.91	-1.700	-0.0007	/	Pass
				-20	3.91	0.800	0.0003	/	Pass
				-10	3.91	2.200	0.0008	/	Pass
				0	3.91	1.200	0.0005	/	Pass
				10	3.91	1.400	0.0005	/	Pass
				30	3.91	3.000	0.0012	/	Pass
				40	3.91	-2.200	-0.0008	/	Pass
				50	3.91	-3.800	-0.0015	/	Pass
	2680	100	0	20	3.7	-1.000	-0.0004	/	Pass
					3.91	-1.100	-0.0004	/	Pass
					4.4	0.300	0.0001	/	Pass
				-30	3.91	-4.900	-0.0018	/	Pass
				-20	3.91	-1.000	-0.0004	/	Pass
				-10	3.91	2.400	0.0009	/	Pass
				0	3.91	1.200	0.0004	/	Pass
				10	3.91	2.400	0.0009	/	Pass
				30	3.91	7.200	0.0027	/	Pass
				40	3.91	-3.200	-0.0012	/	Pass
				50	3.91	-1.200	-0.0004	/	Pass

3. 99% & 26dB Bandwidth

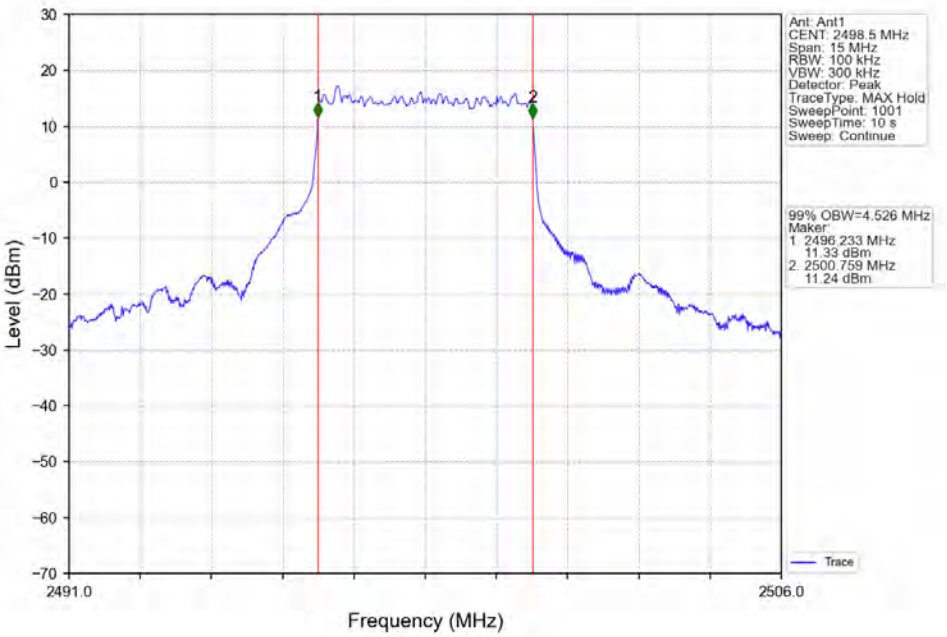
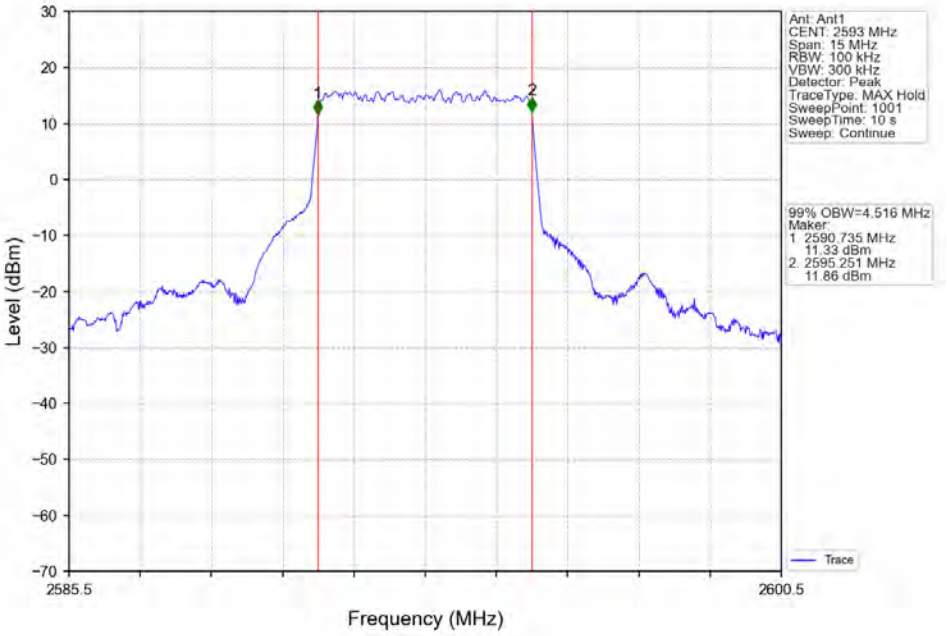
3.1 Band41_OBW

3.1.1 Test Result

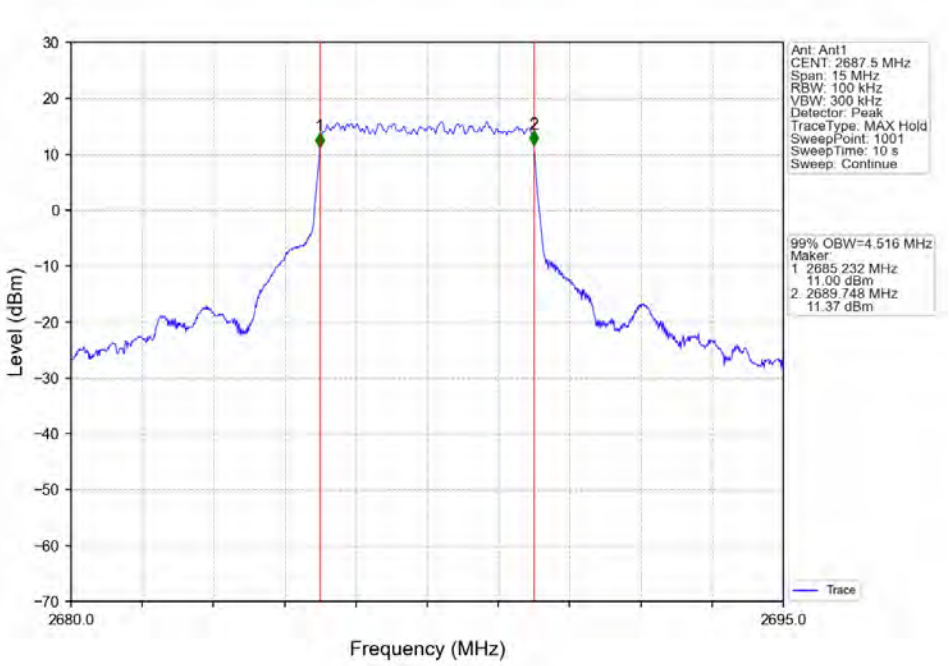
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	

5	QPSK	2498.5	25	0	4.526	/	Pass
		2593	25	0	4.516	/	Pass
		2687.5	25	0	4.516	/	Pass
	16QAM	2498.5	25	0	4.509	/	Pass
		2593	25	0	4.510	/	Pass
		2687.5	25	0	4.510	/	Pass
	64QAM	2498.5	25	0	4.515	/	Pass
		2593	25	0	4.514	/	Pass
		2687.5	25	0	4.505	/	Pass
10	QPSK	2501	50	0	9.016	/	Pass
		2593	50	0	9.037	/	Pass
		2685	50	0	9.035	/	Pass
	16QAM	2501	50	0	9.001	/	Pass
		2593	50	0	8.993	/	Pass
		2685	50	0	9.004	/	Pass
	64QAM	2501	50	0	9.038	/	Pass
		2593	50	0	9.034	/	Pass
		2685	50	0	9.035	/	Pass
15	QPSK	2503.5	75	0	13.499	/	Pass
		2593	75	0	13.562	/	Pass
		2682.5	75	0	13.569	/	Pass
	16QAM	2503.5	75	0	13.492	/	Pass
		2593	75	0	13.491	/	Pass
		2682.5	75	0	13.492	/	Pass
	64QAM	2503.5	75	0	13.528	/	Pass
		2593	75	0	13.524	/	Pass
		2682.5	75	0	13.538	/	Pass
20	QPSK	2506	100	0	18.084	/	Pass
		2593	100	0	18.169	/	Pass
		2680	100	0	18.164	/	Pass
	16QAM	2506	100	0	18.120	/	Pass
		2593	100	0	18.119	/	Pass
		2680	100	0	18.146	/	Pass
	64QAM	2506	100	0	18.138	/	Pass
		2593	100	0	18.162	/	Pass
		2680	100	0	18.158	/	Pass

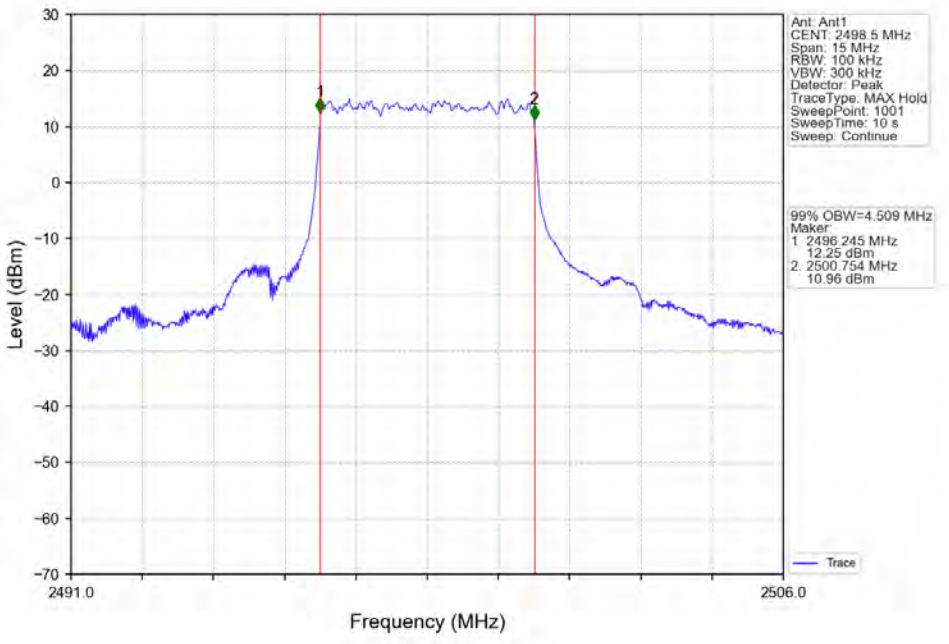
3.1.2 Test Graph

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV


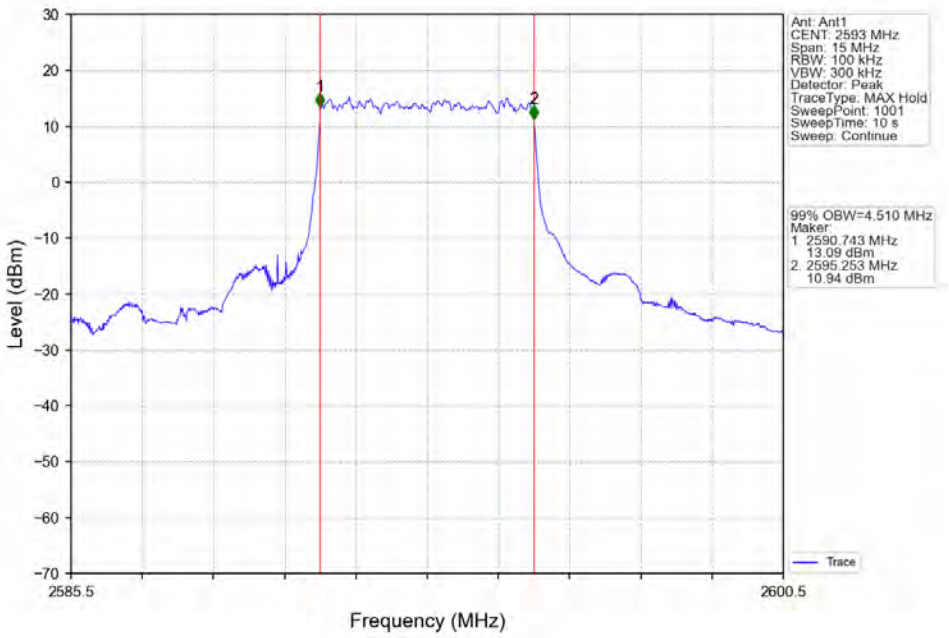
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



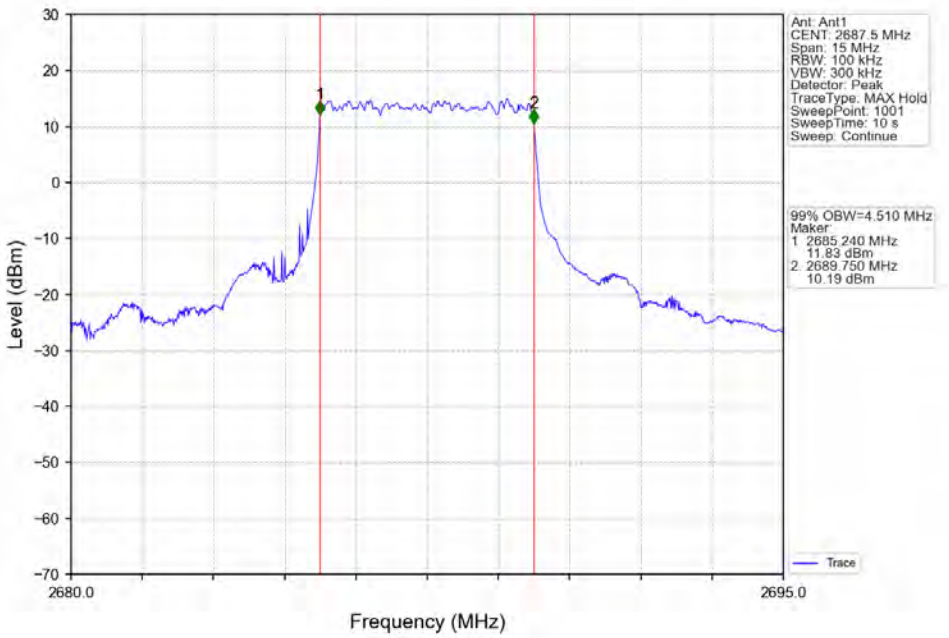
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



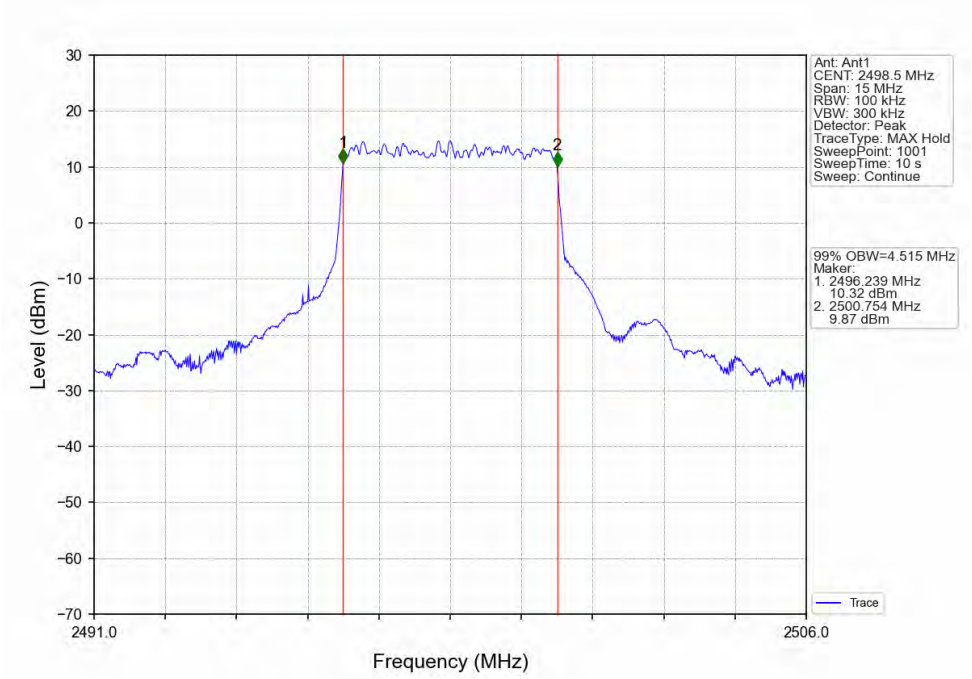
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



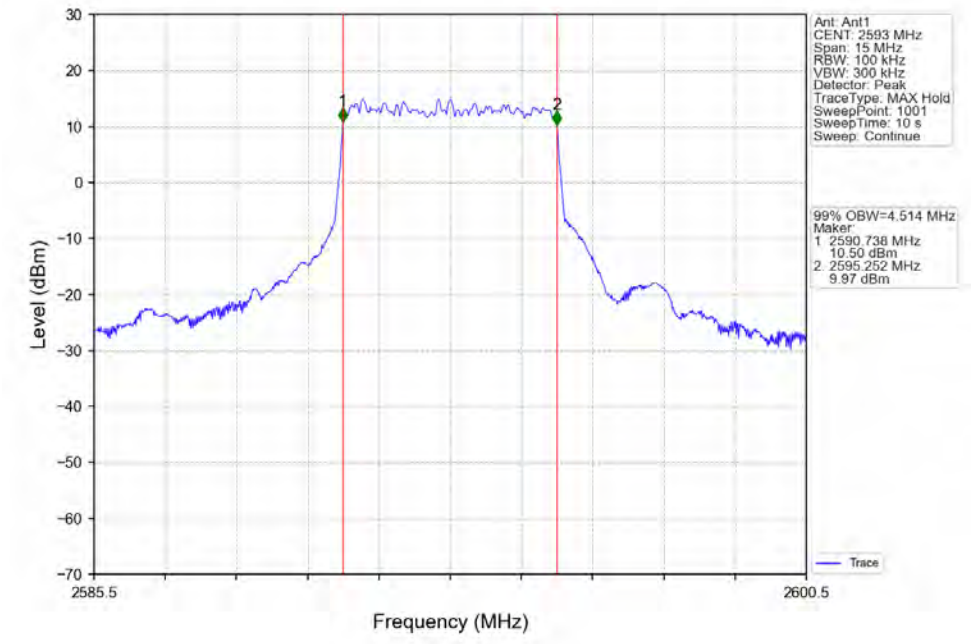
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



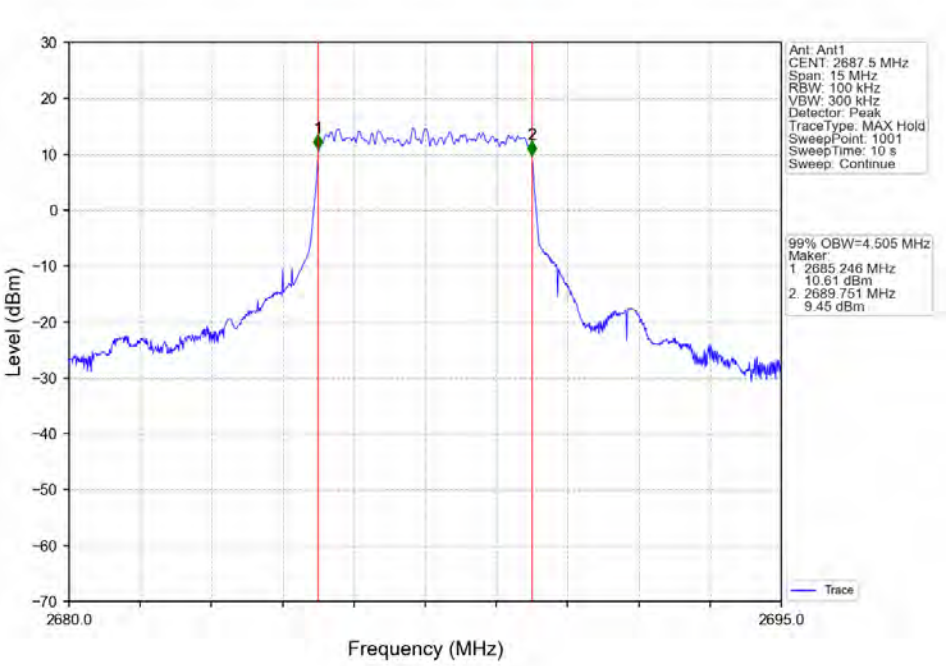
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



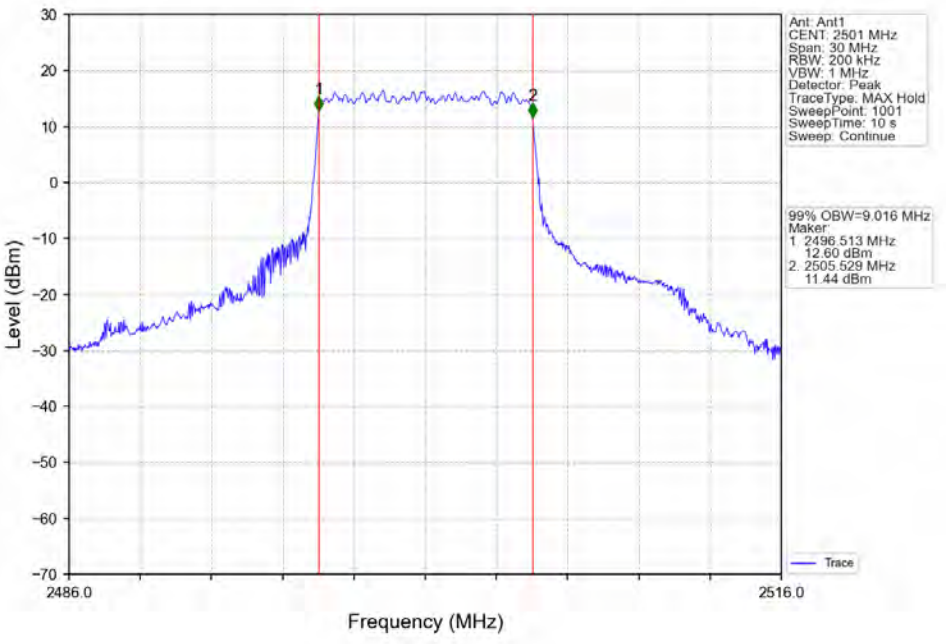
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



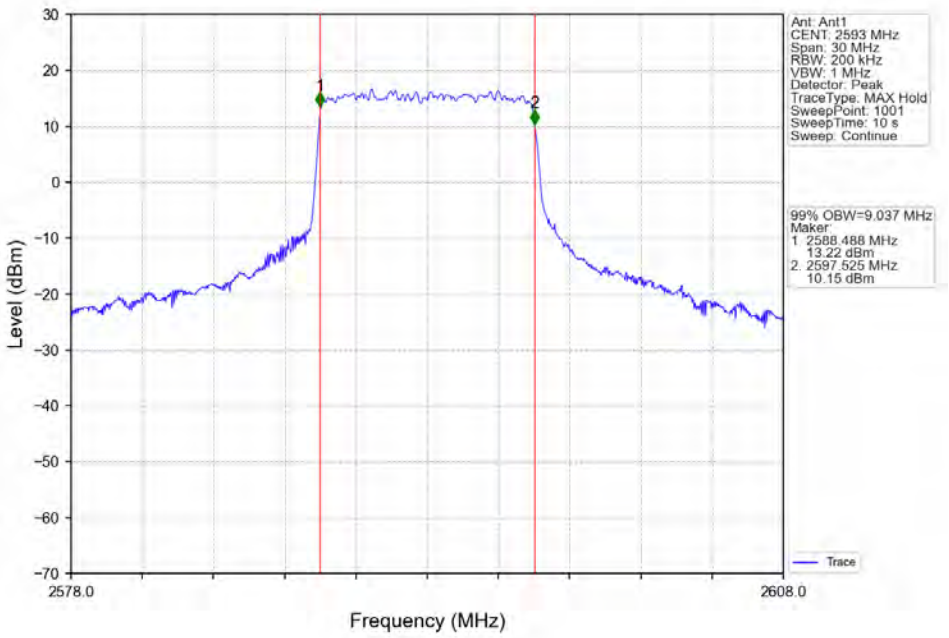
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



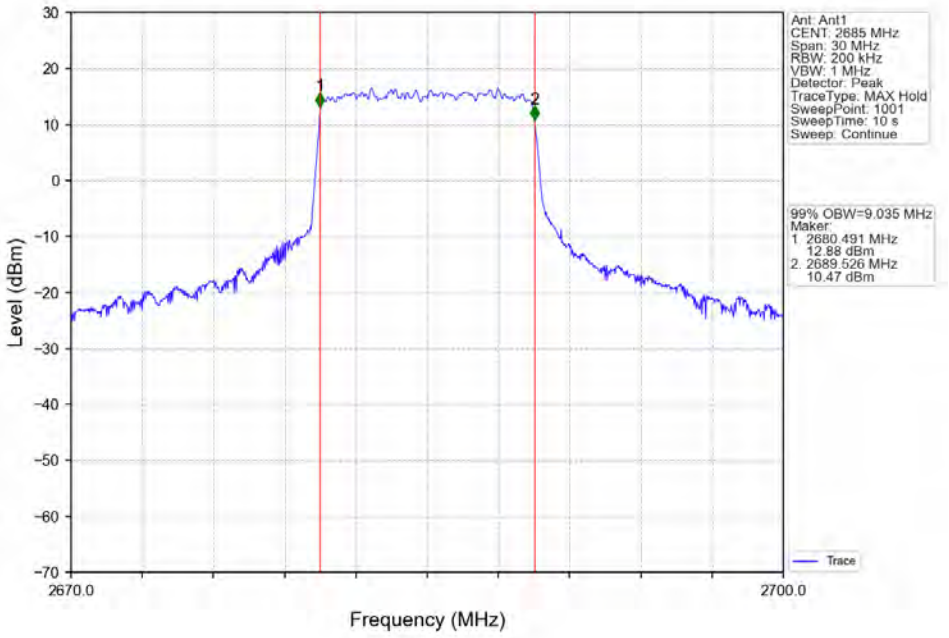
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



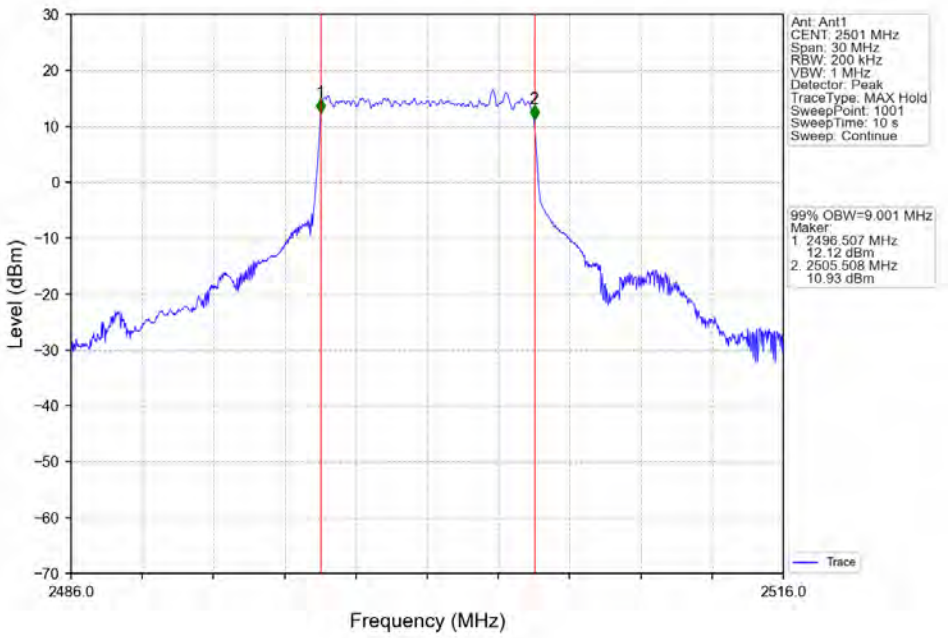
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



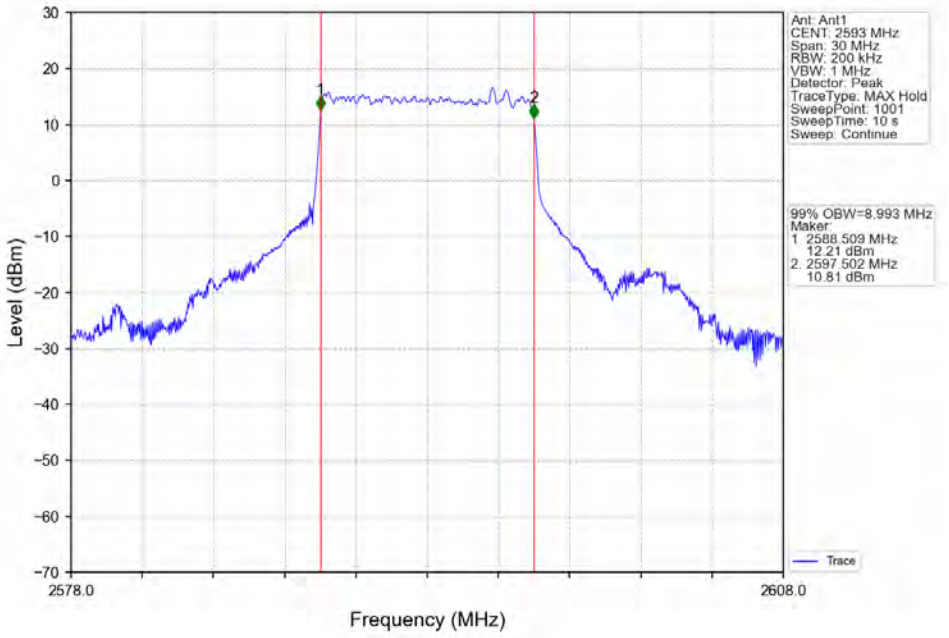
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



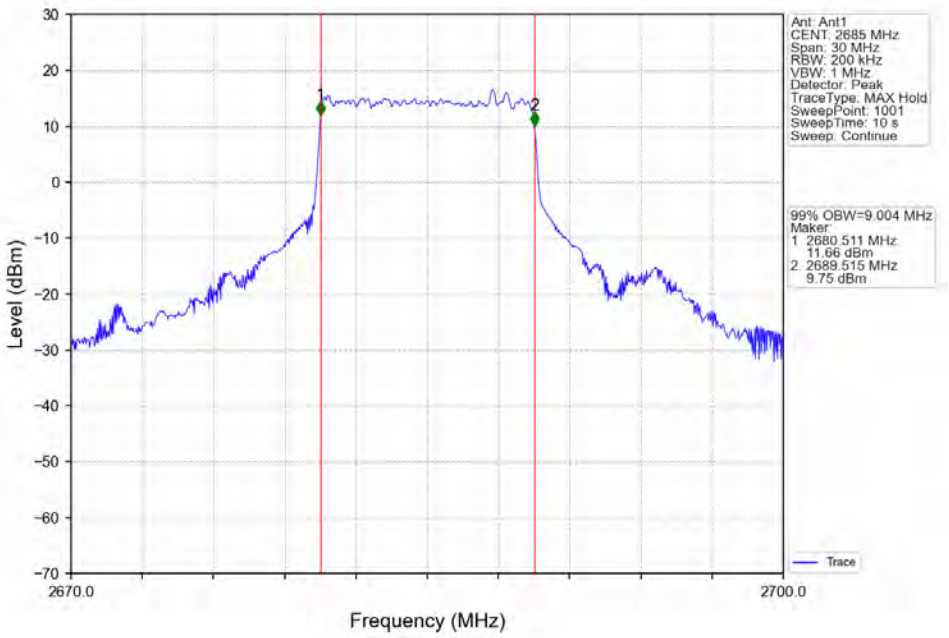
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



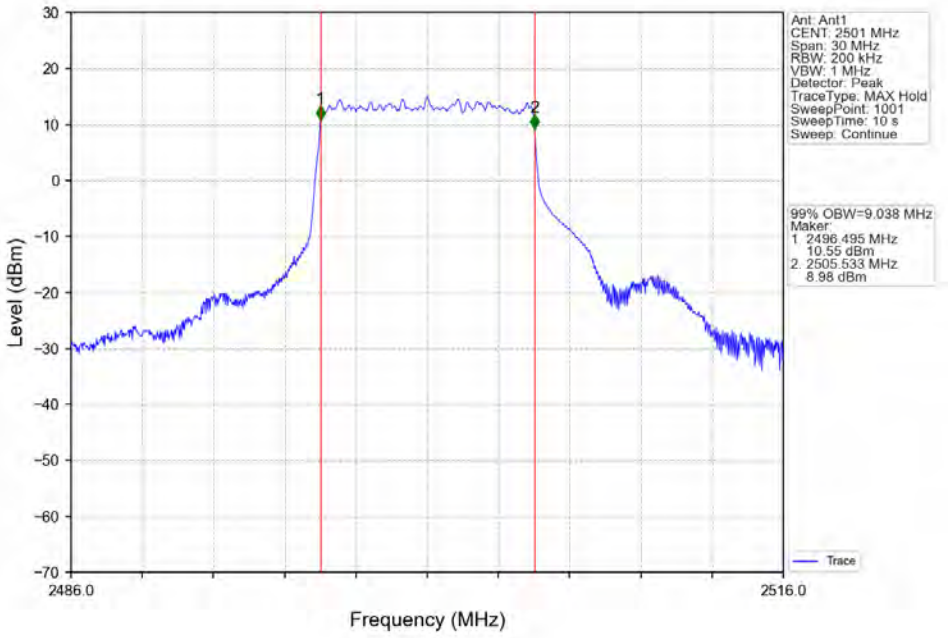
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



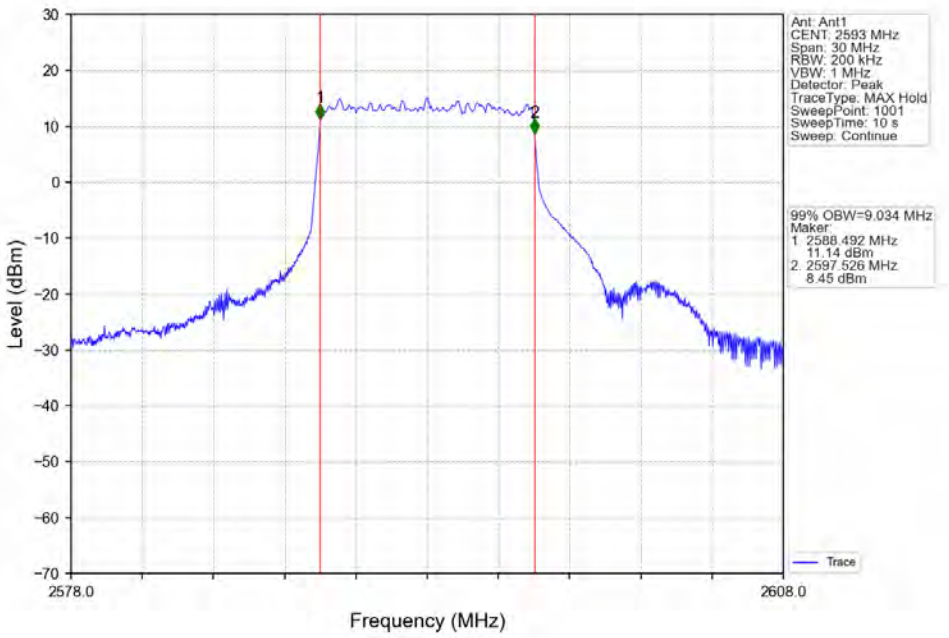
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



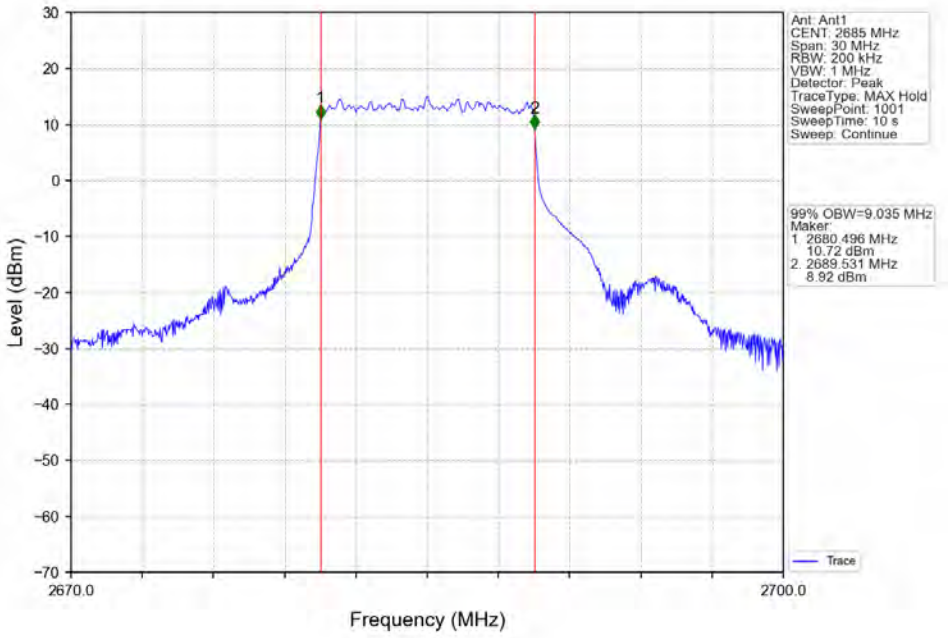
Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV



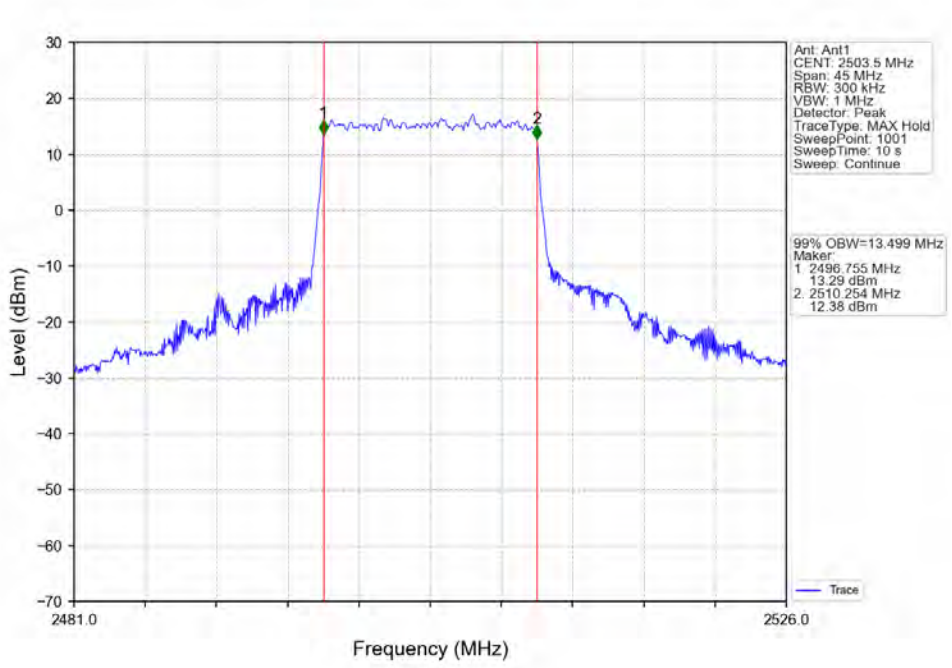
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



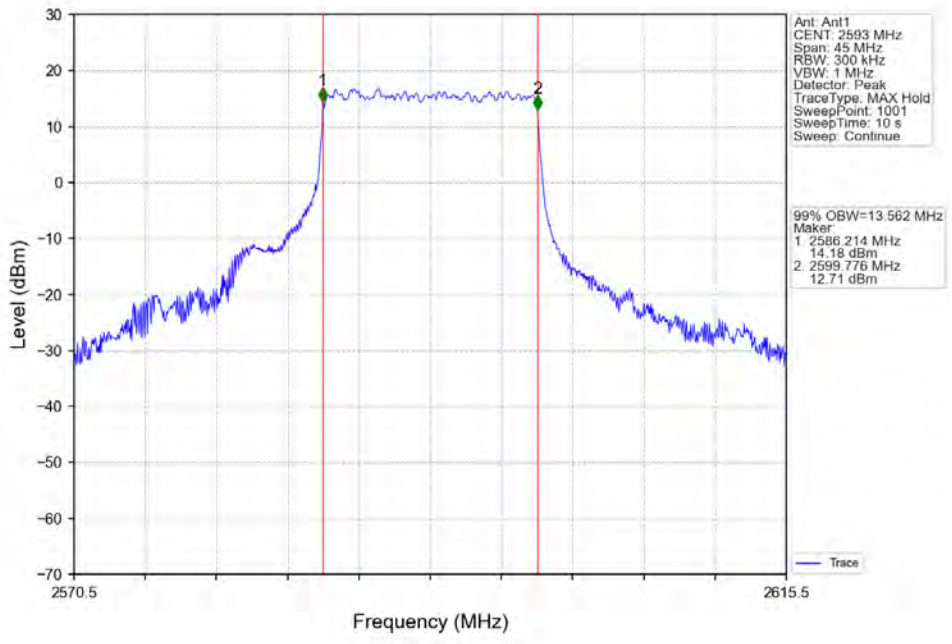
Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



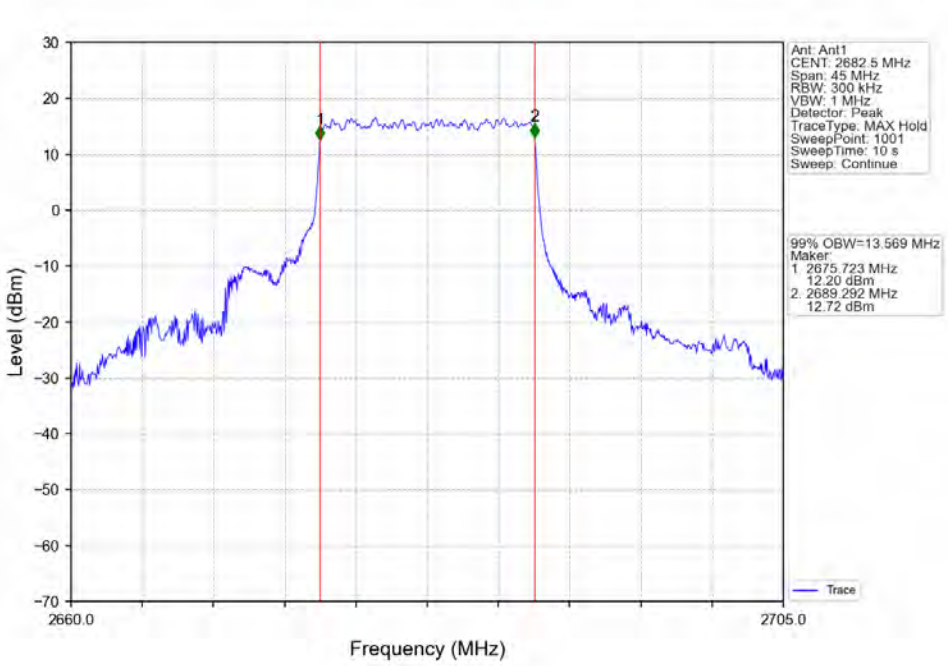
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



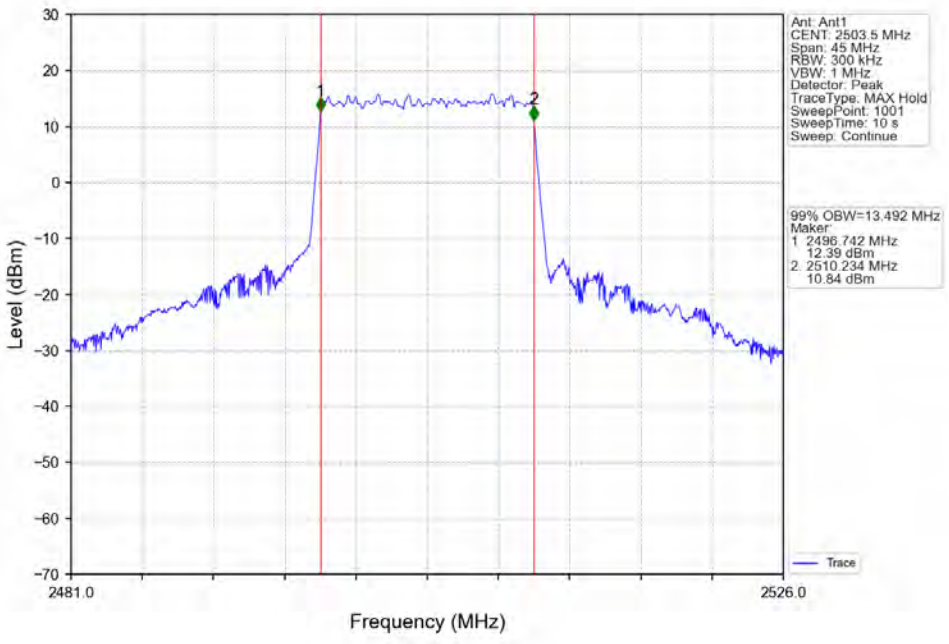
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



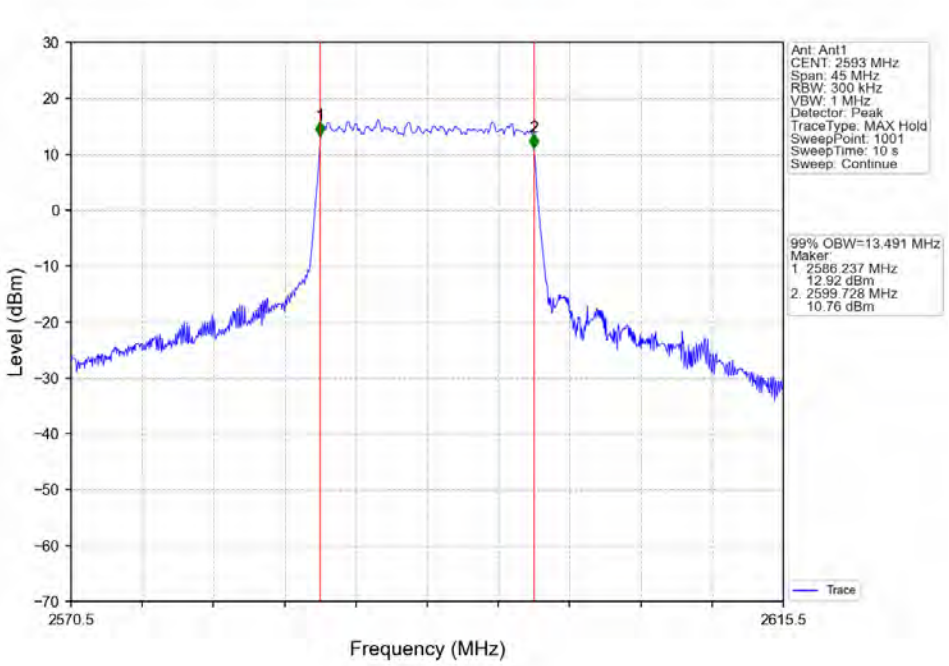
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



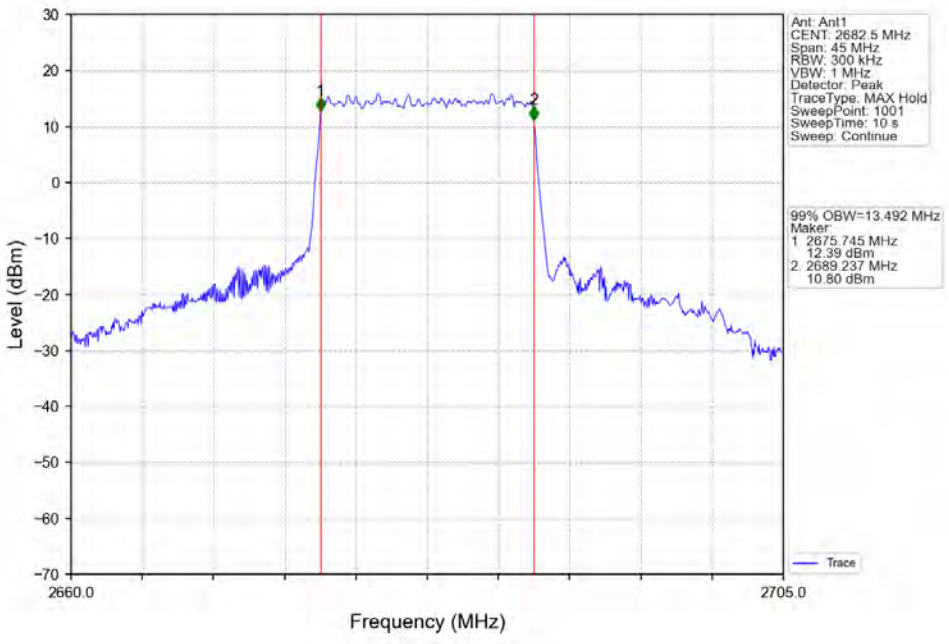
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



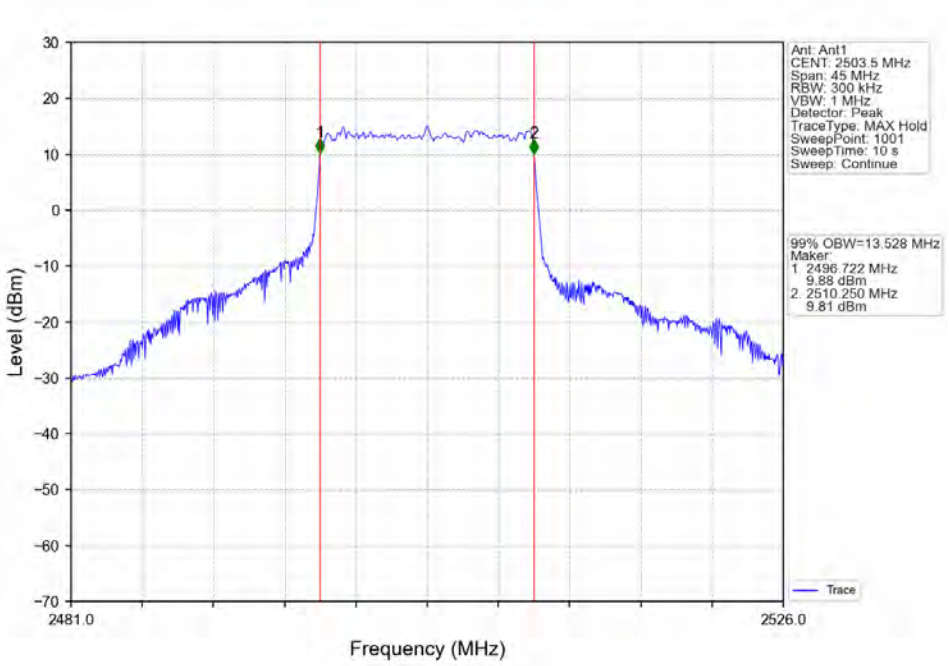
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



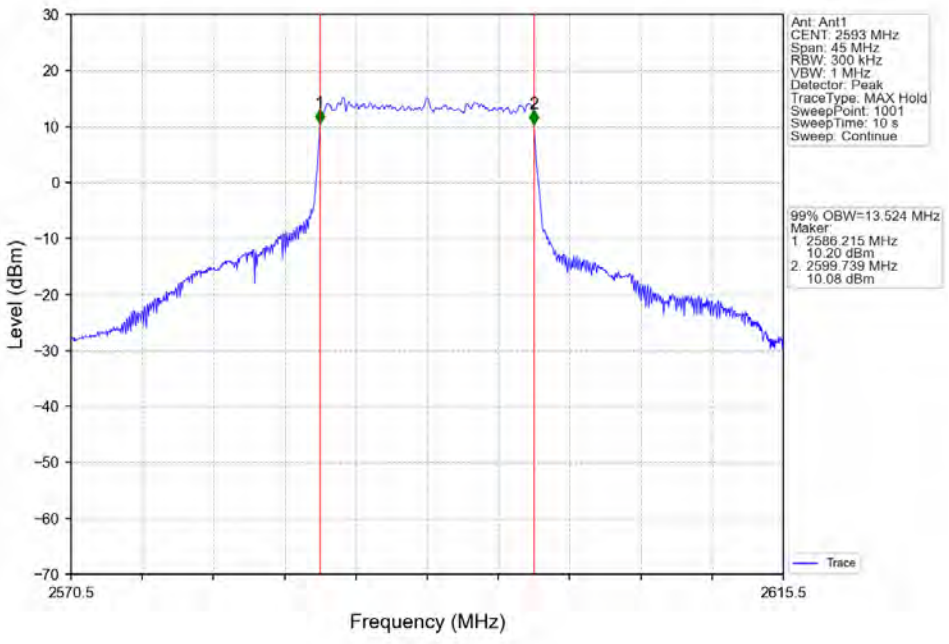
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV

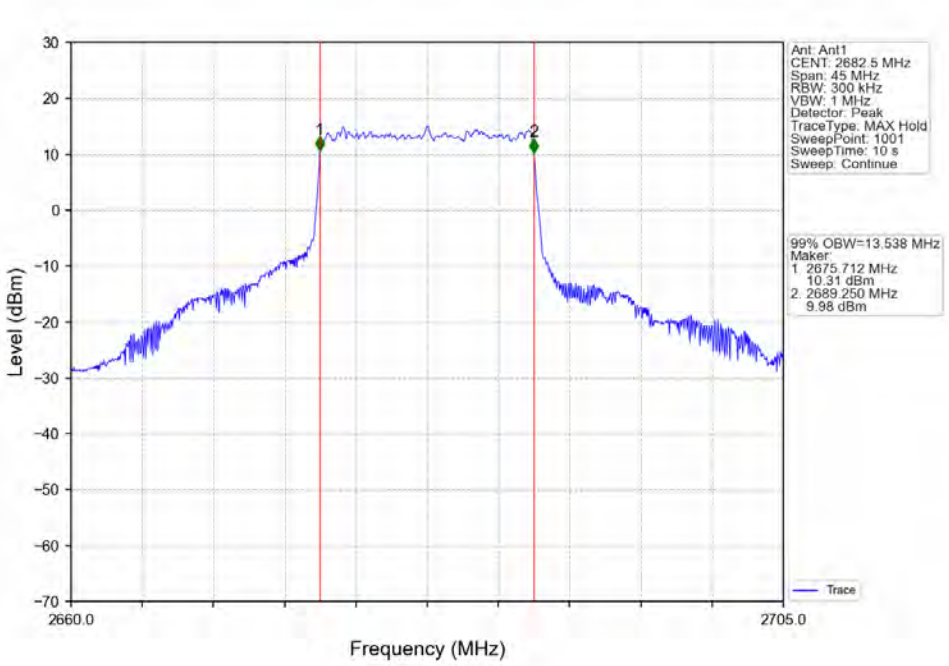


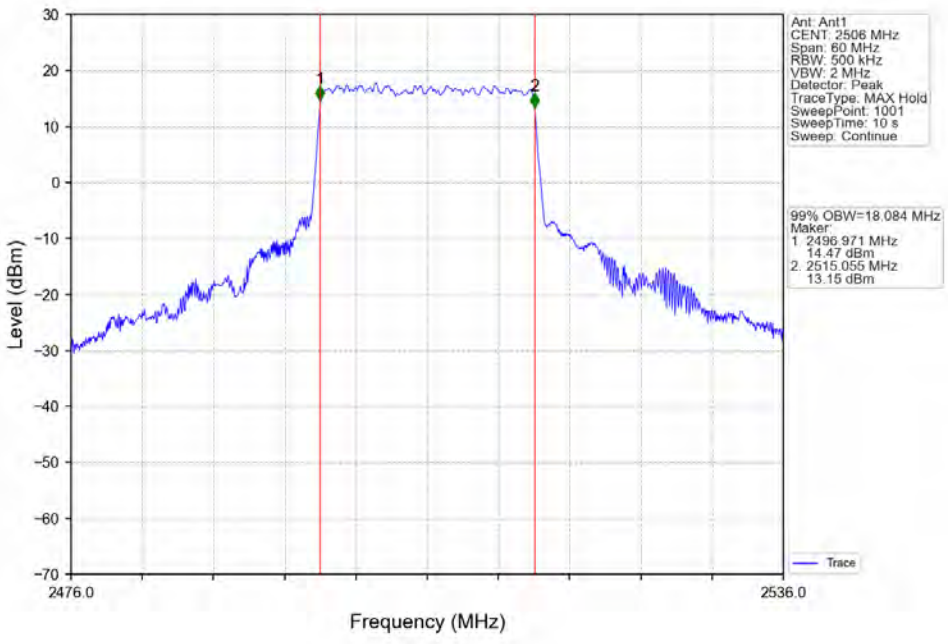
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



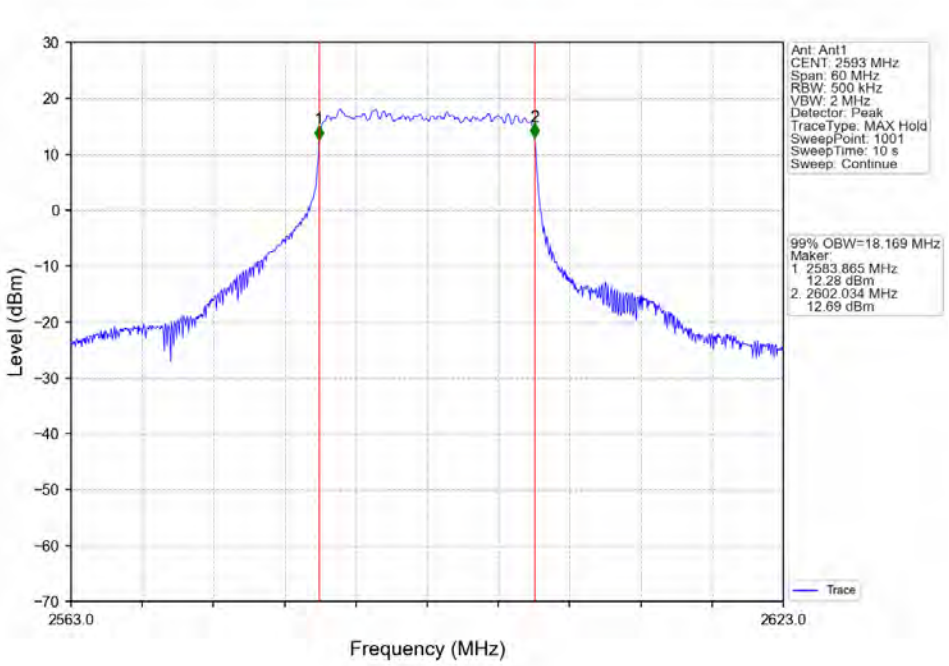
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



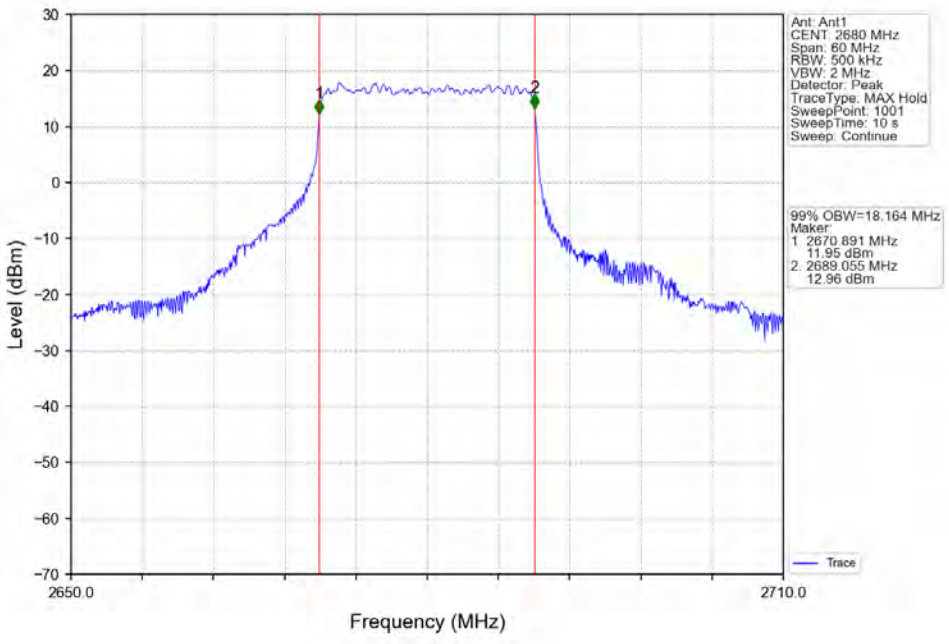
Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV


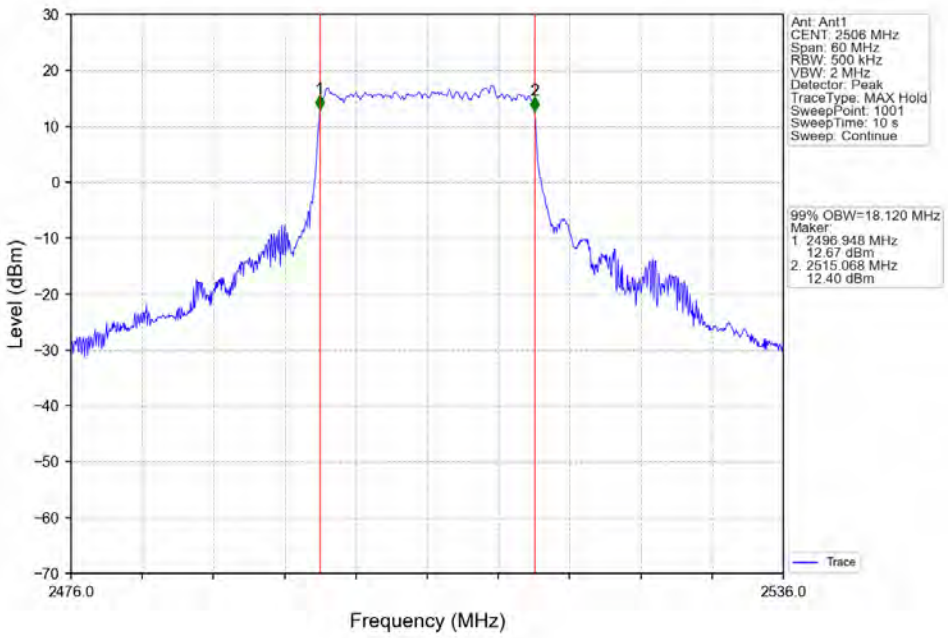
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



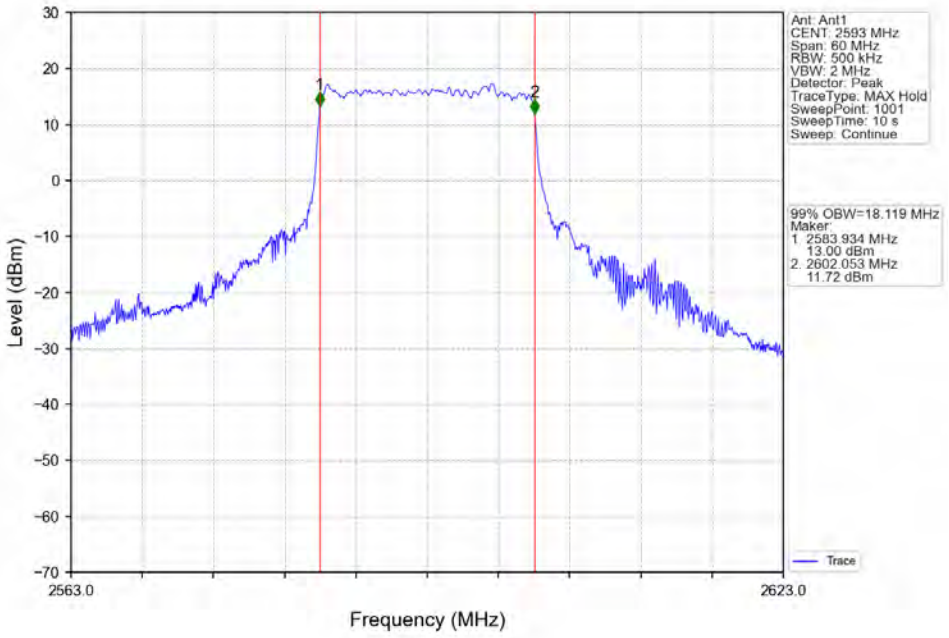
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



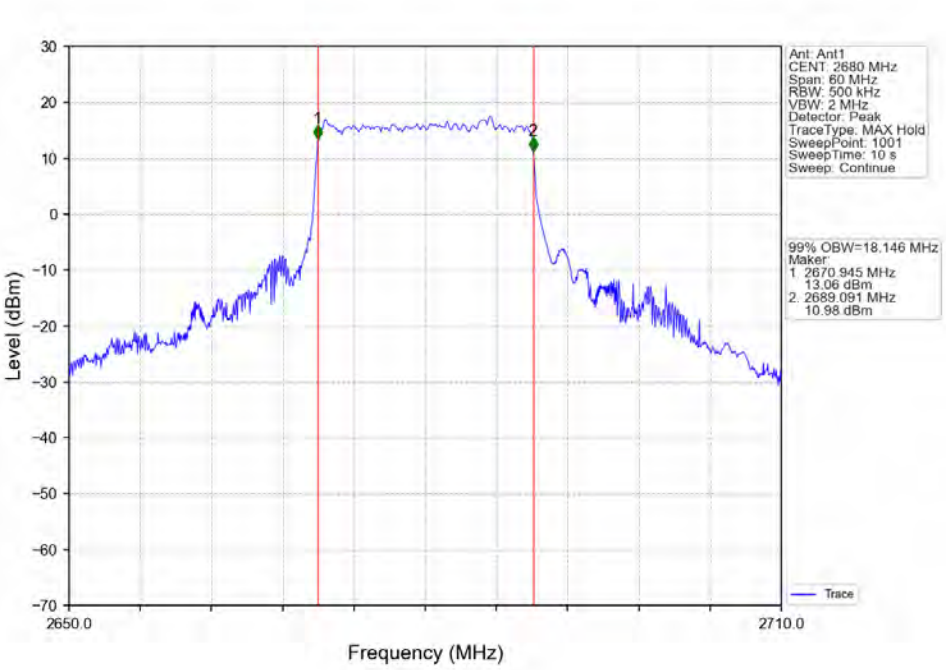
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



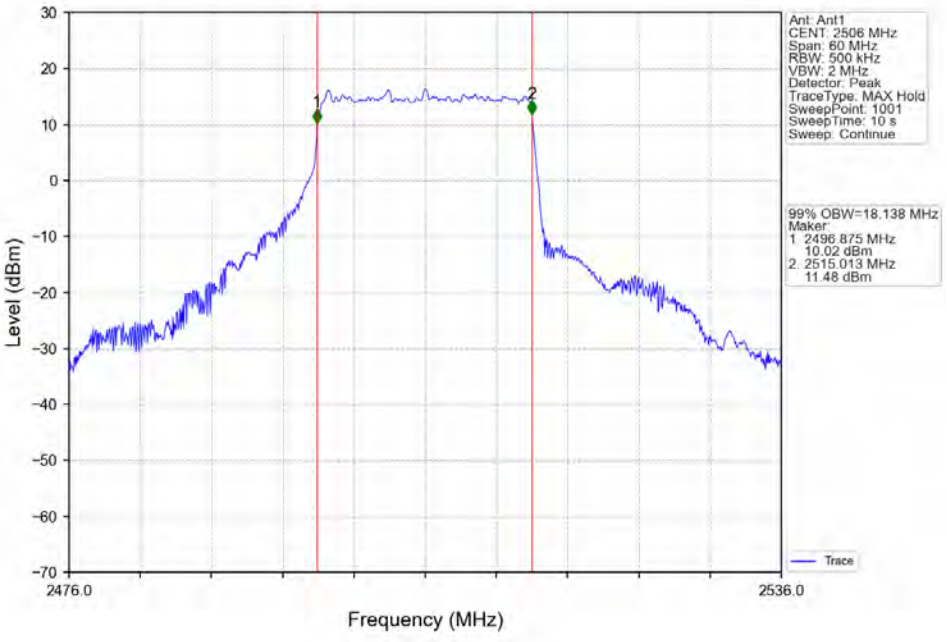
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



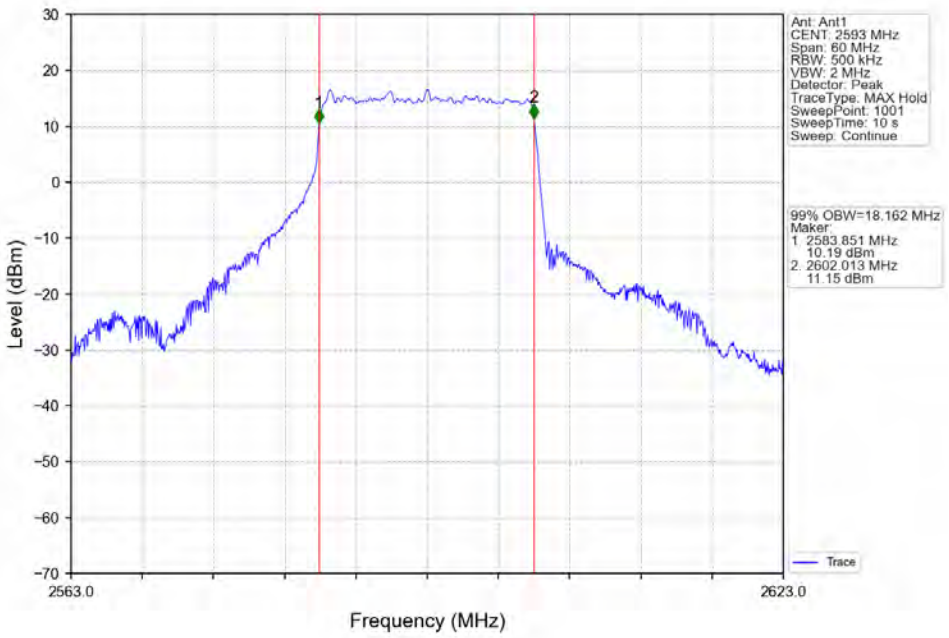
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



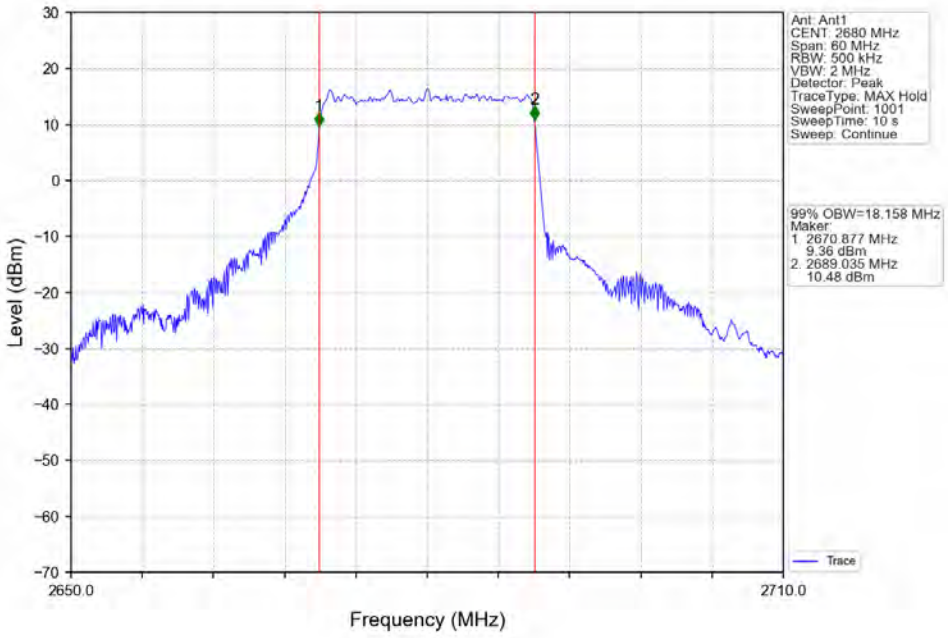
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



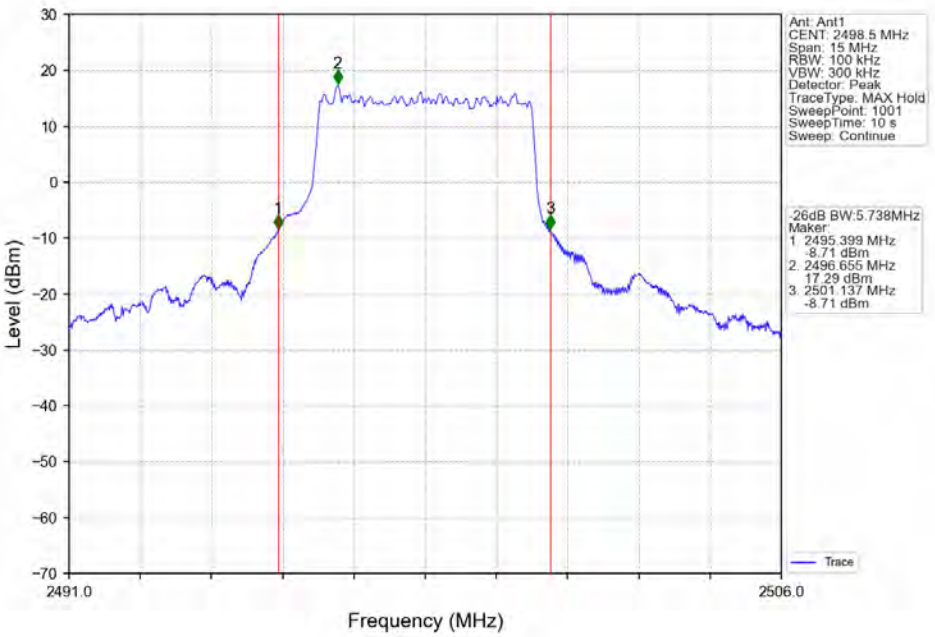
3.2 Band41_XDB

3.2.1 Test Result

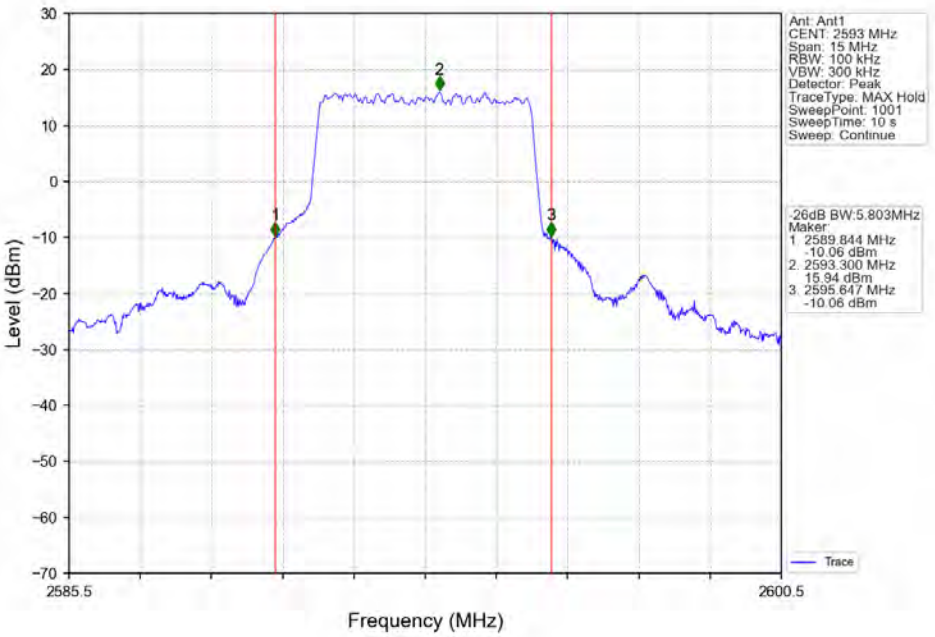
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.738	/	Pass
		2593	25	0	5.803	/	Pass
		2687.5	25	0	5.885	/	Pass
	16QAM	2498.5	25	0	5.270	/	Pass
		2593	25	0	5.304	/	Pass
		2687.5	25	0	5.445	/	Pass
	64QAM	2498.5	25	0	5.858	/	Pass
		2593	25	0	5.547	/	Pass
		2687.5	25	0	5.834	/	Pass
10	QPSK	2501	50	0	10.646	/	Pass
		2593	50	0	10.711	/	Pass
		2685	50	0	10.719	/	Pass
	16QAM	2501	50	0	11.611	/	Pass
		2593	50	0	11.504	/	Pass
		2685	50	0	11.389	/	Pass
	64QAM	2501	50	0	11.554	/	Pass
		2593	50	0	11.490	/	Pass
		2685	50	0	11.539	/	Pass
15	QPSK	2503.5	75	0	14.853	/	Pass
		2593	75	0	16.757	/	Pass
		2682.5	75	0	16.742	/	Pass
	16QAM	2503.5	75	0	14.804	/	Pass
		2593	75	0	14.801	/	Pass
		2682.5	75	0	14.786	/	Pass
	64QAM	2503.5	75	0	17.933	/	Pass
		2593	75	0	17.406	/	Pass
		2682.5	75	0	17.741	/	Pass
20	QPSK	2506	100	0	21.983	/	Pass
		2593	100	0	24.115	/	Pass
		2680	100	0	24.139	/	Pass
	16QAM	2506	100	0	24.423	/	Pass
		2593	100	0	23.205	/	Pass
		2680	100	0	25.022	/	Pass
	64QAM	2506	100	0	23.596	/	Pass
		2593	100	0	23.038	/	Pass
		2680	100	0	23.633	/	Pass

3.2.2 Test Graph

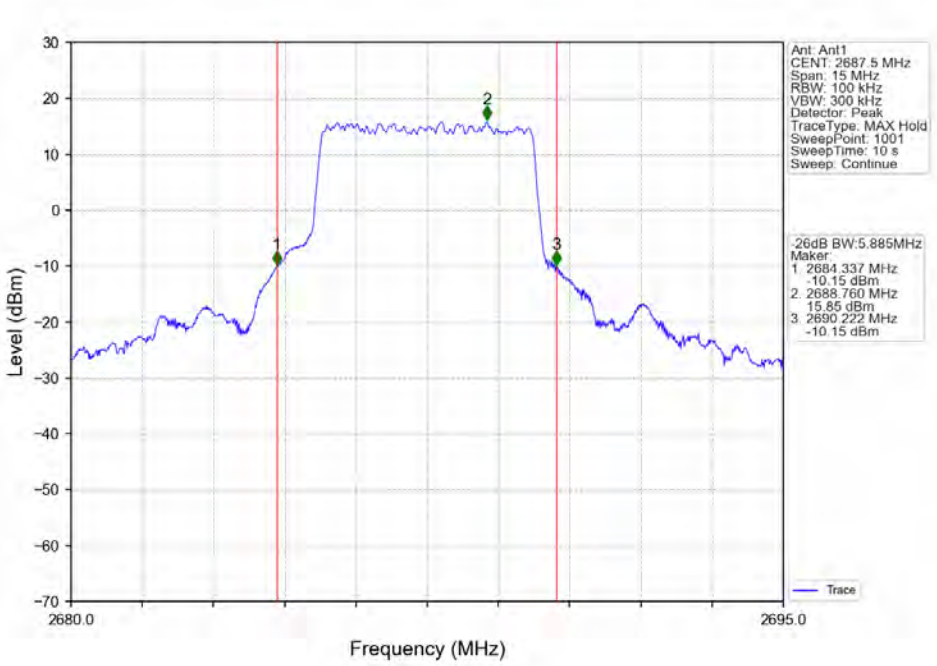
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



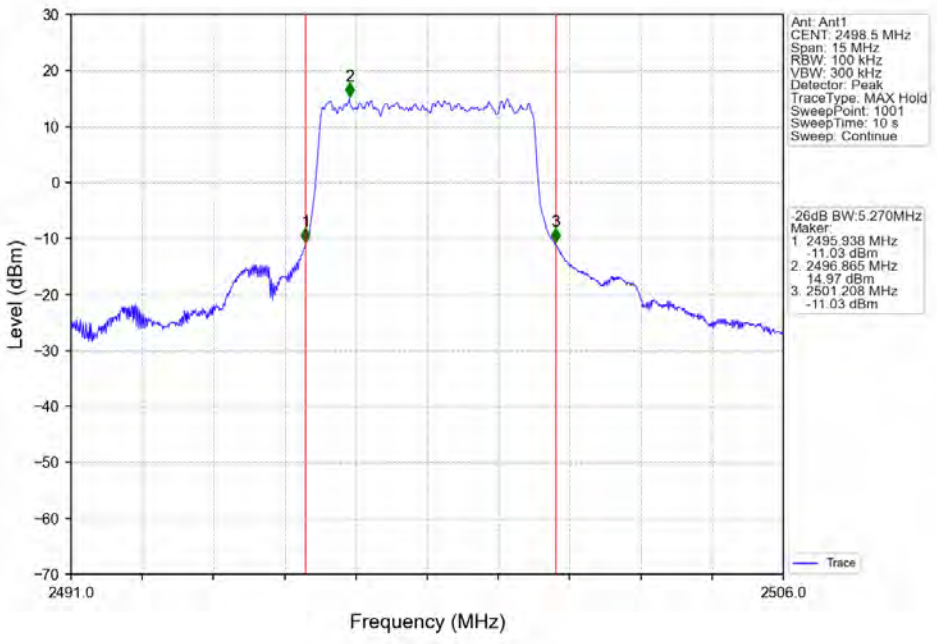
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



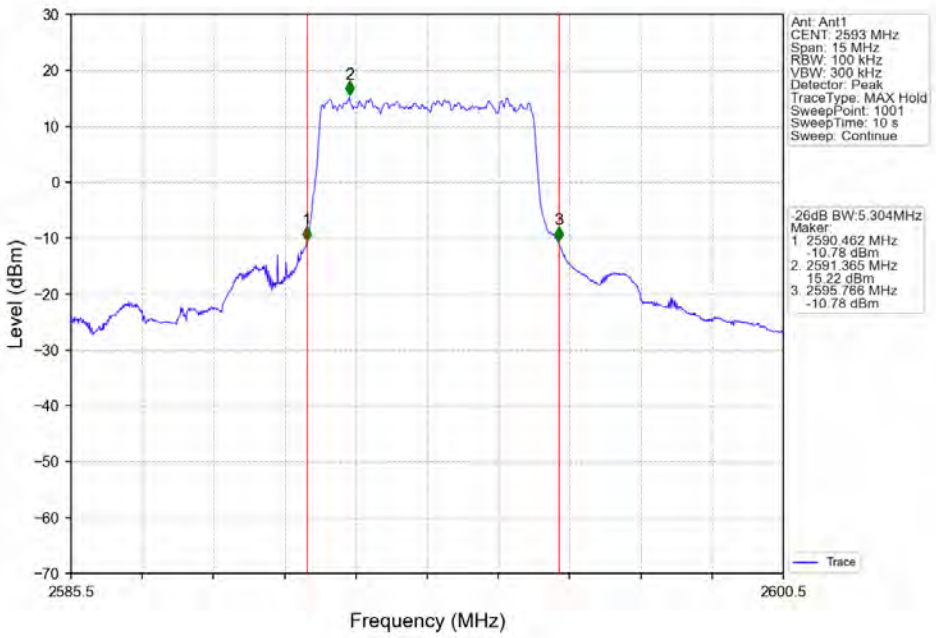
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



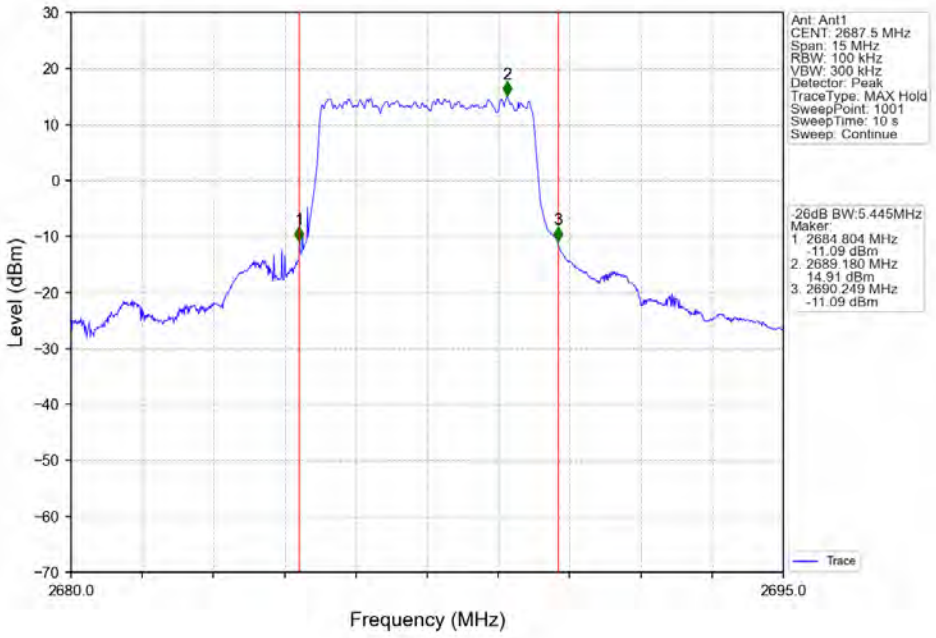
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



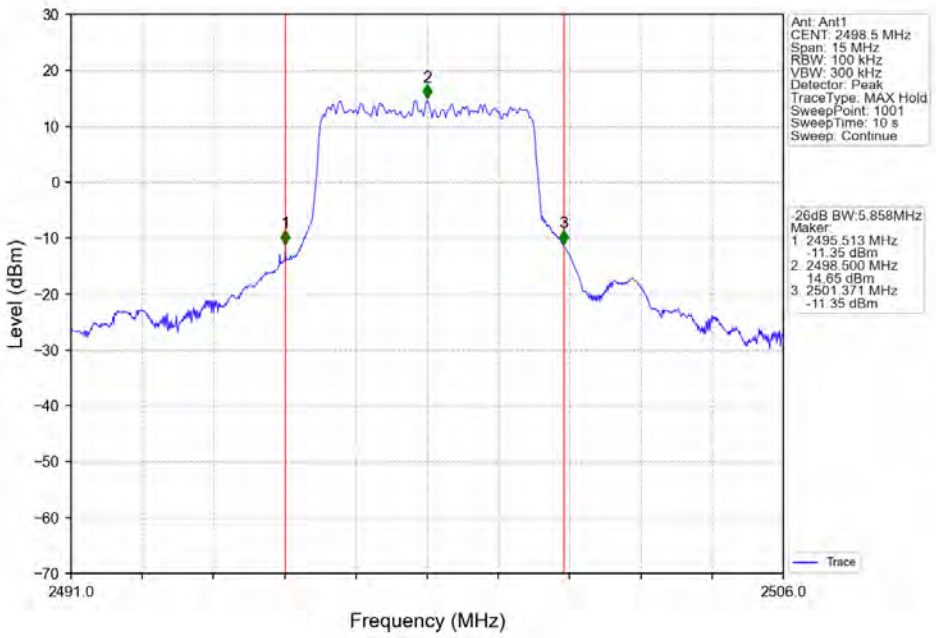
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



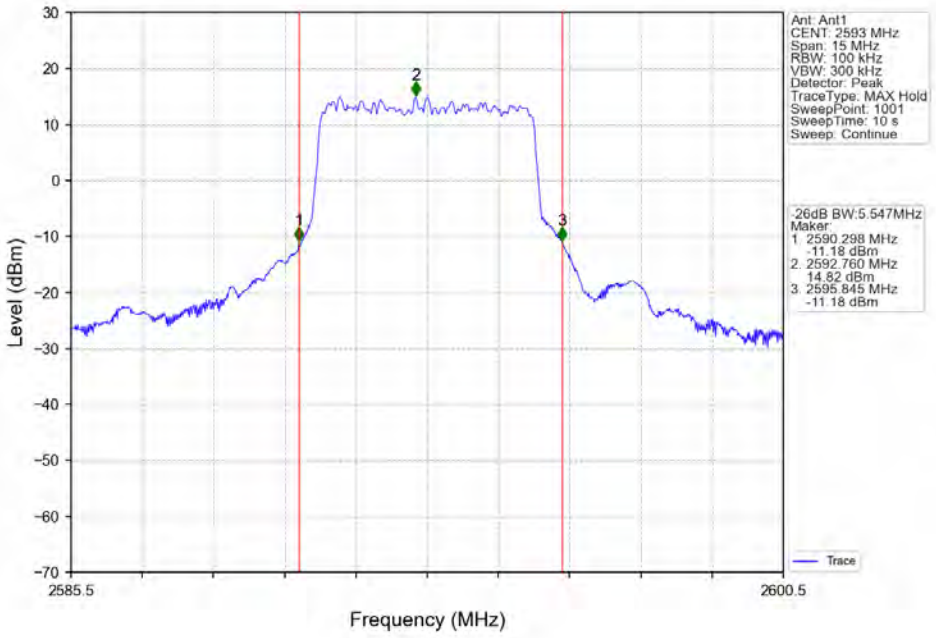
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



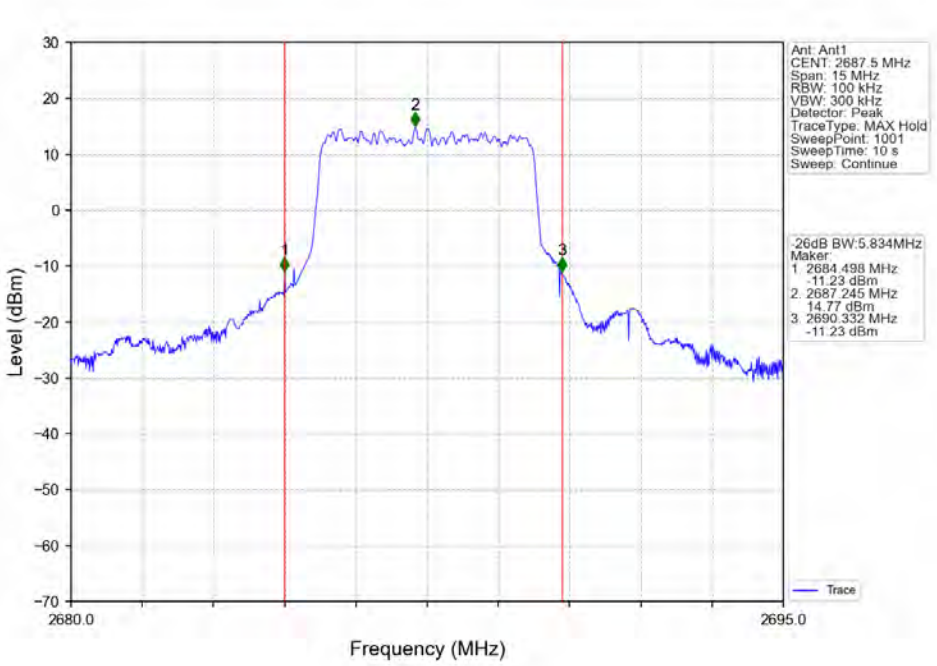
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



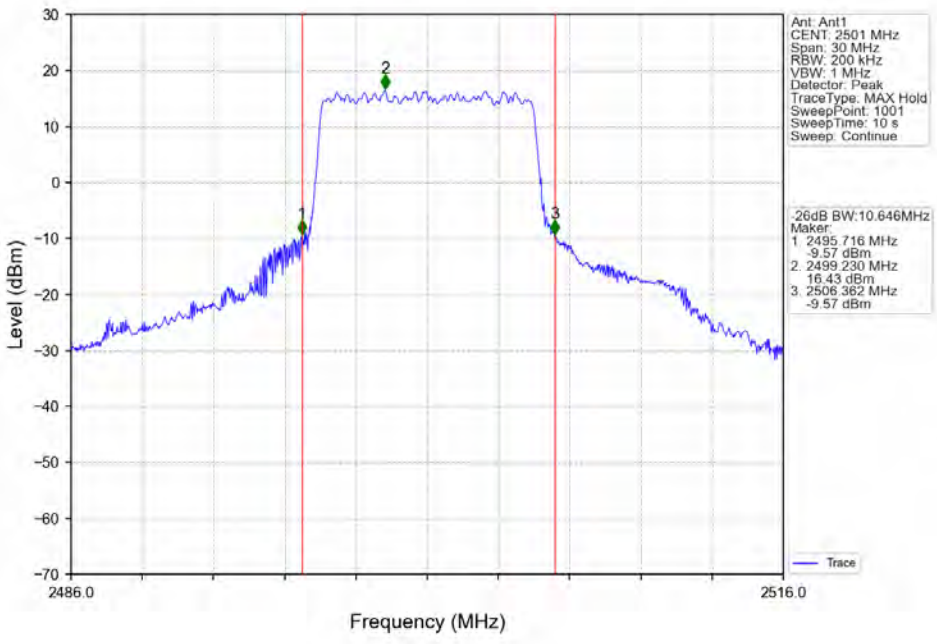
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



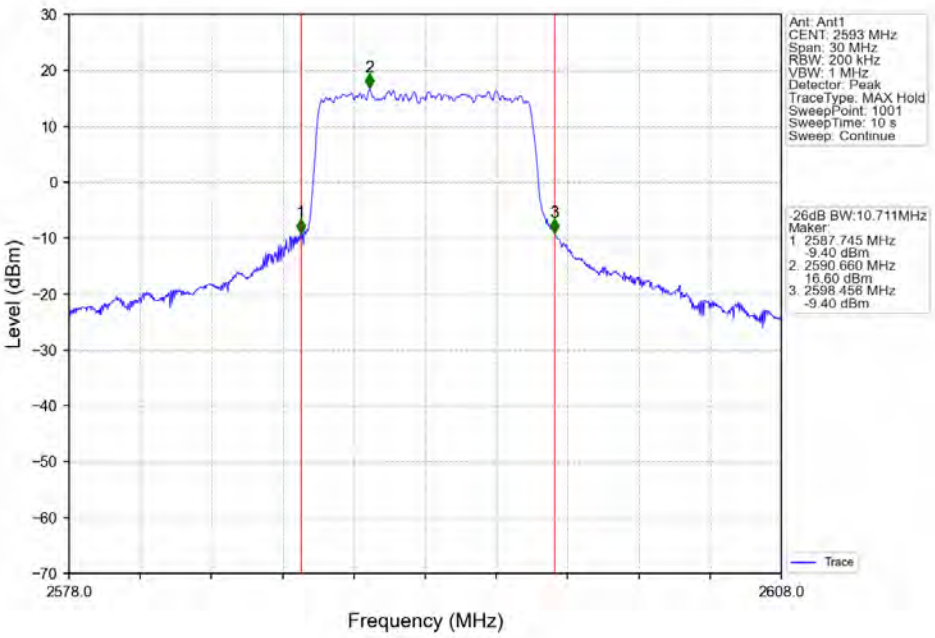
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



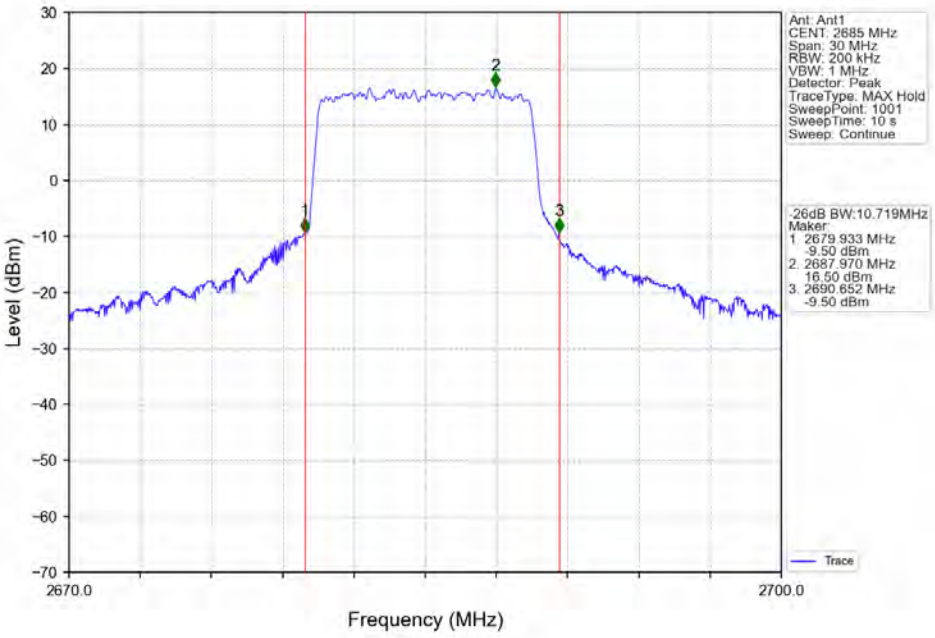
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



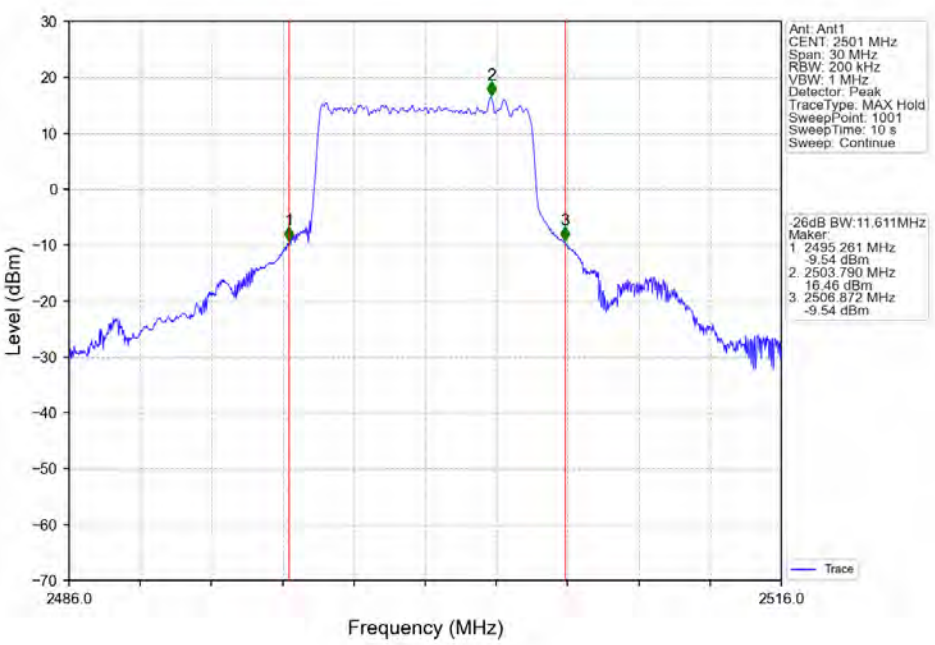
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



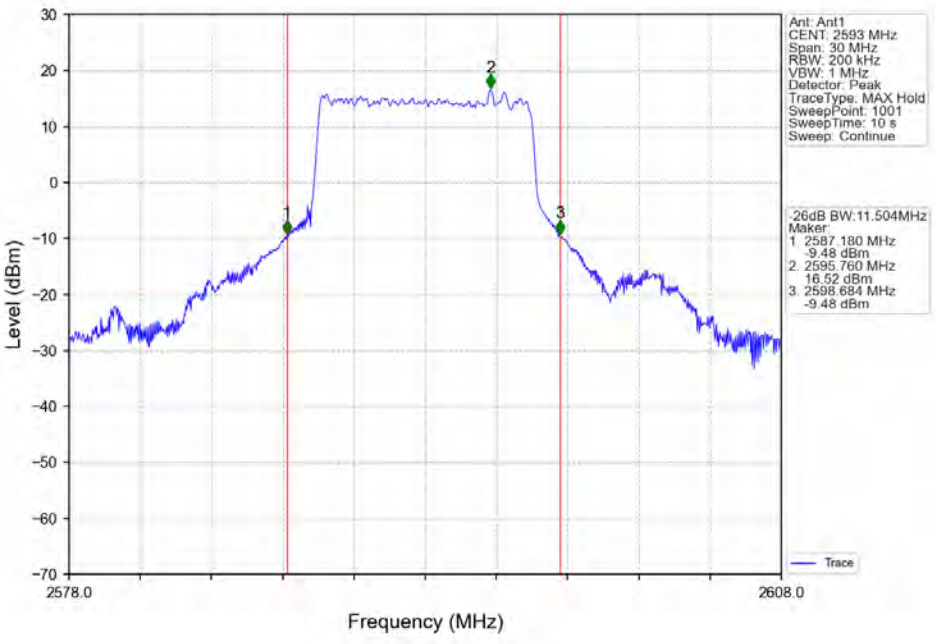
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



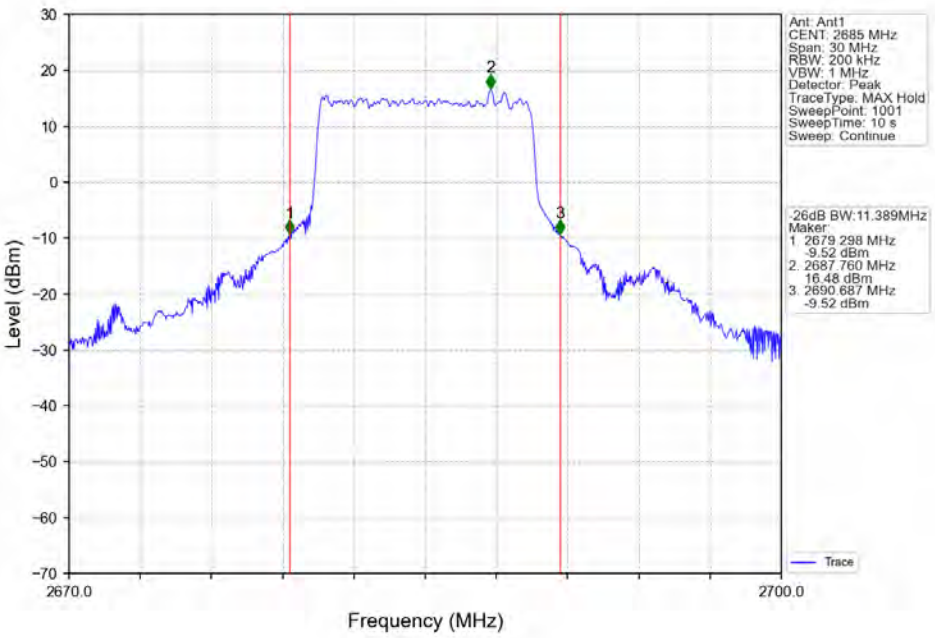
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



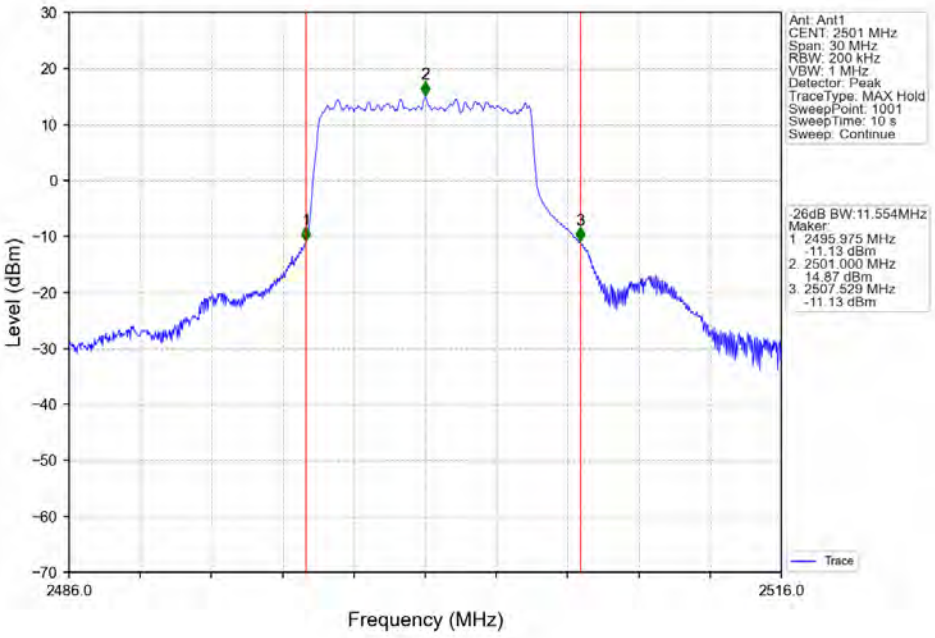
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



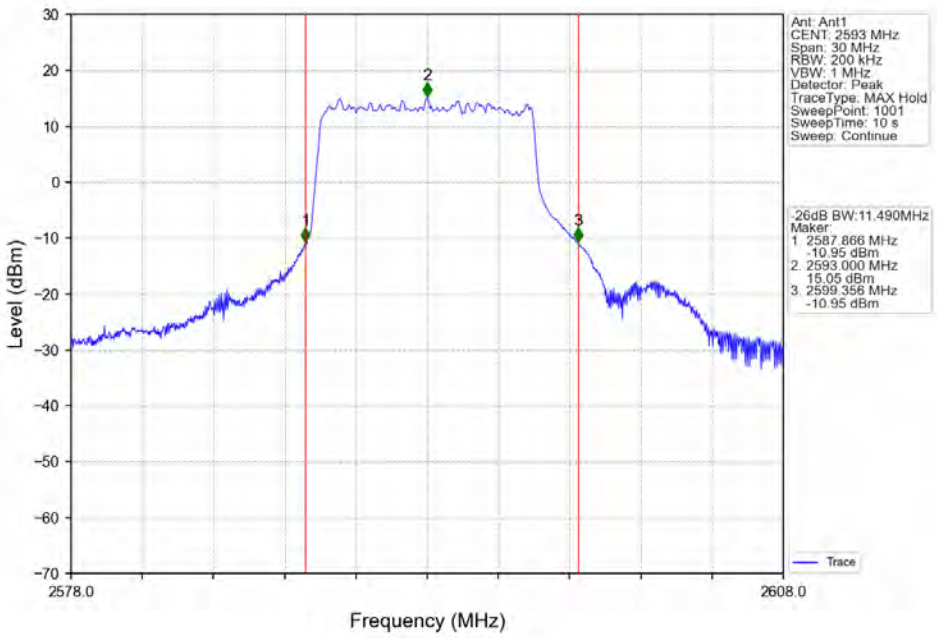
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



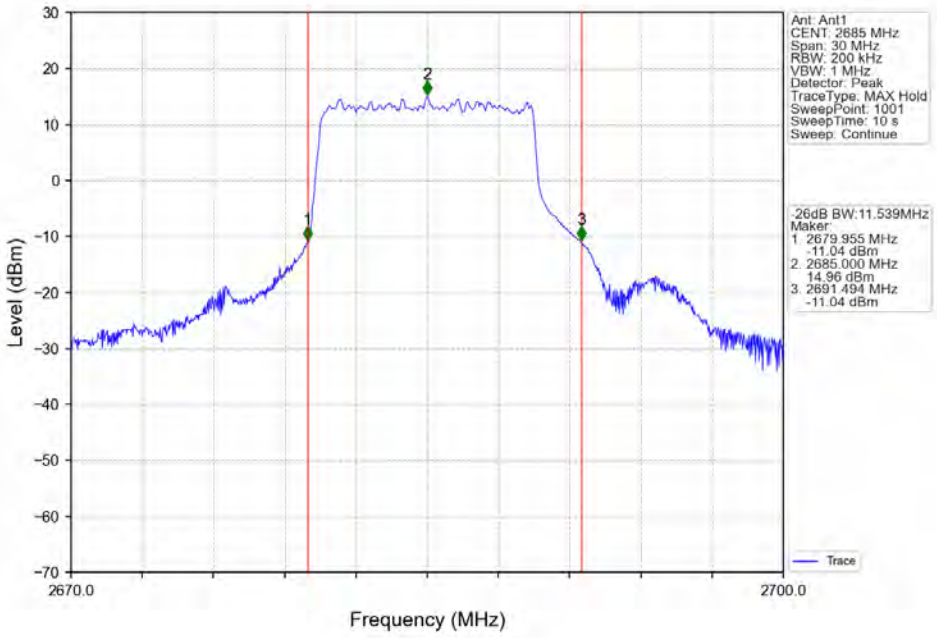
Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV



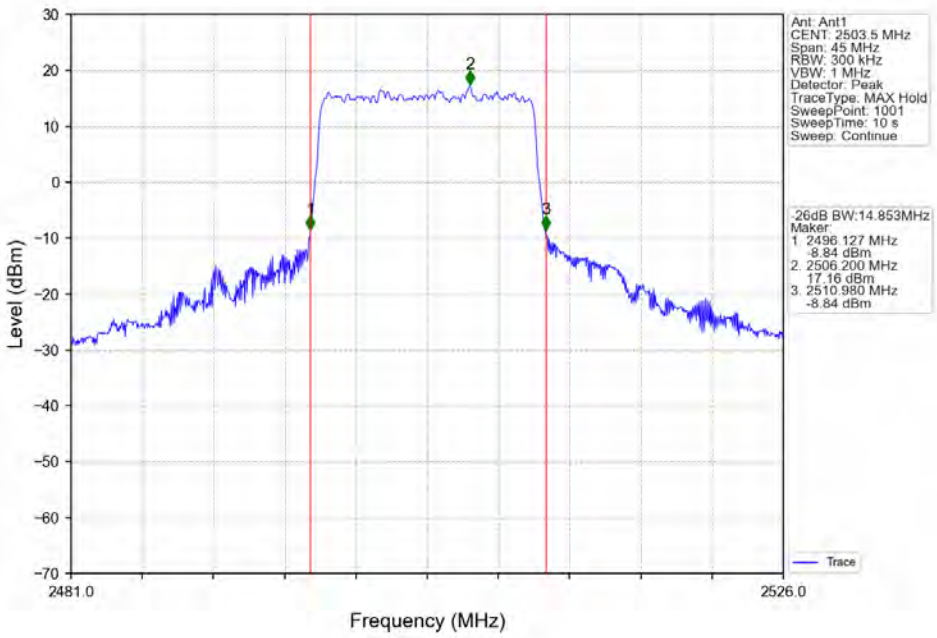
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



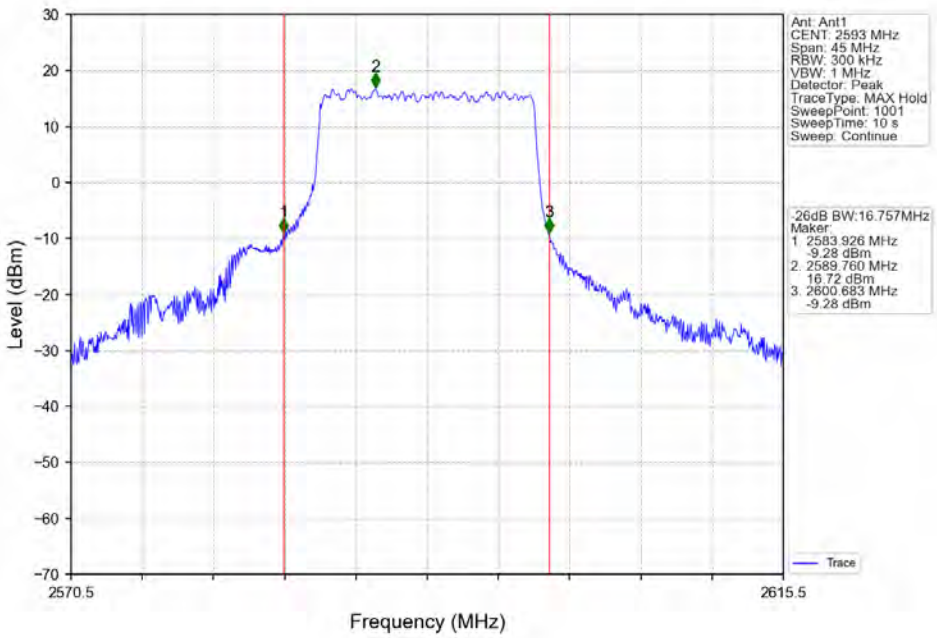
Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



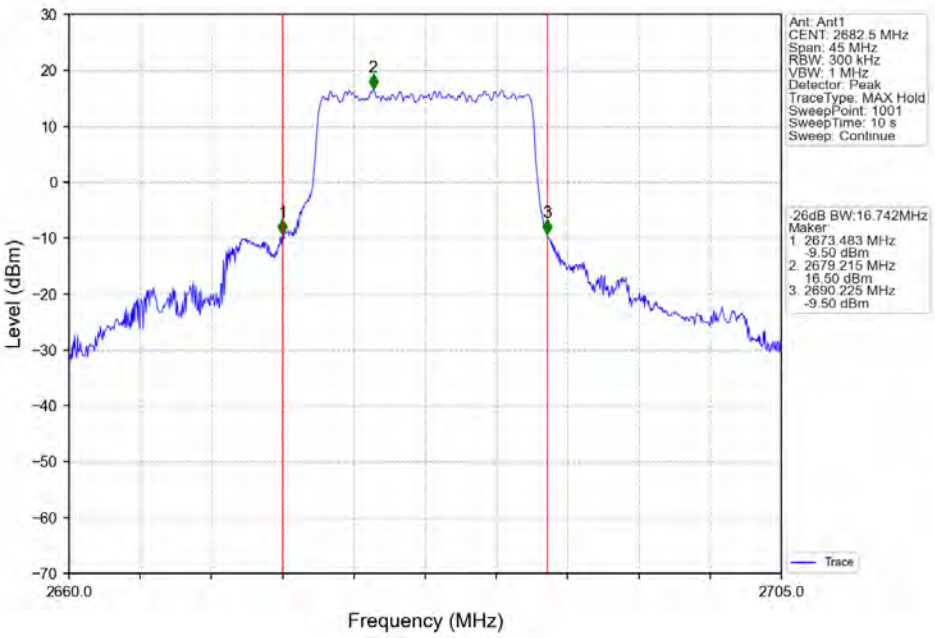
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



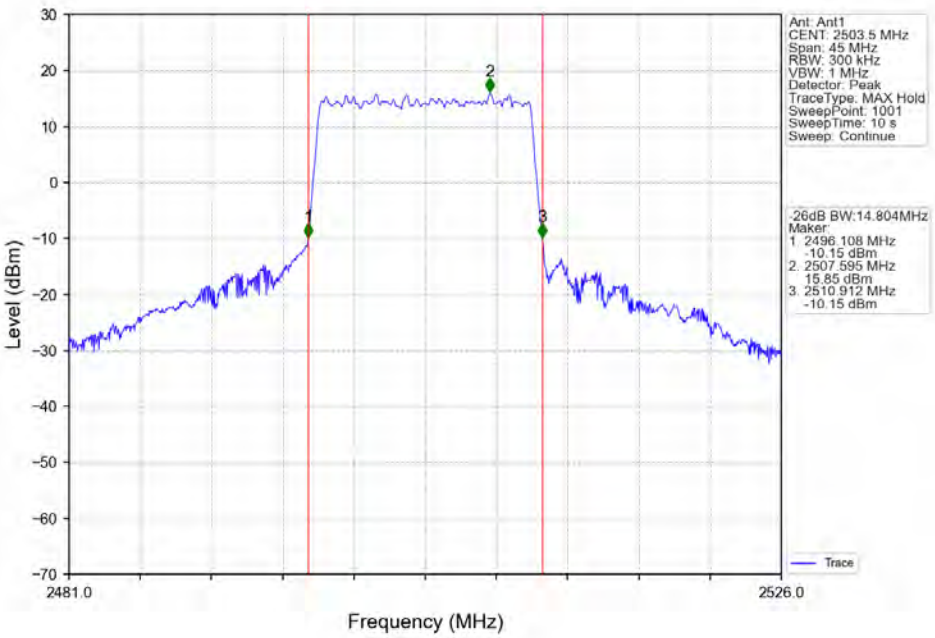
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



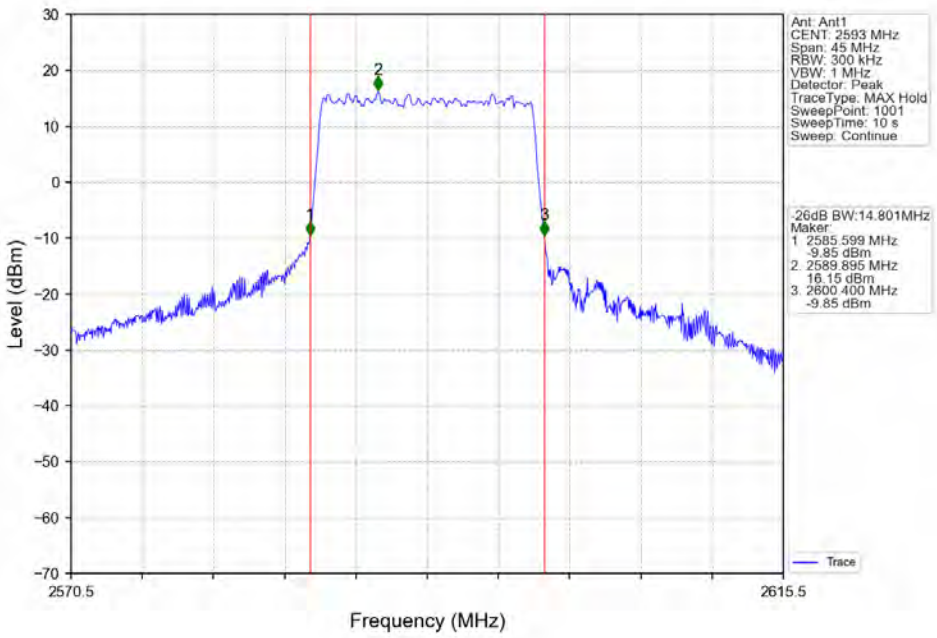
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



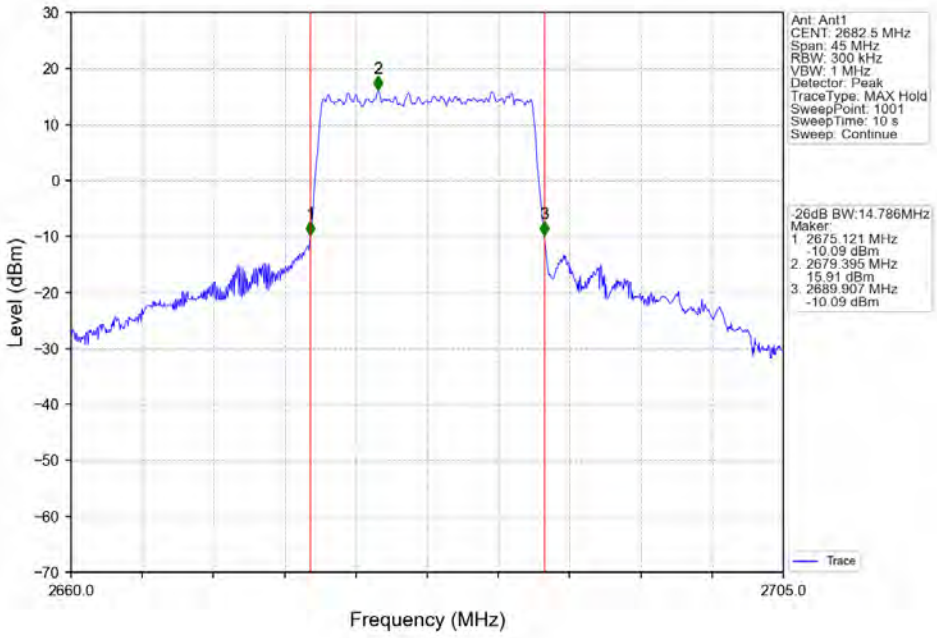
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



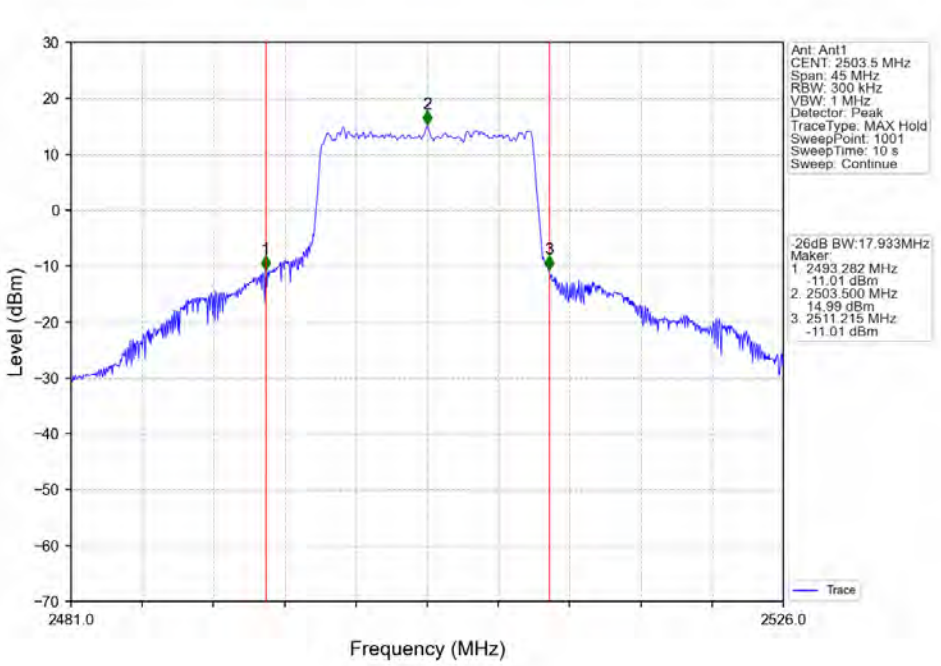
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



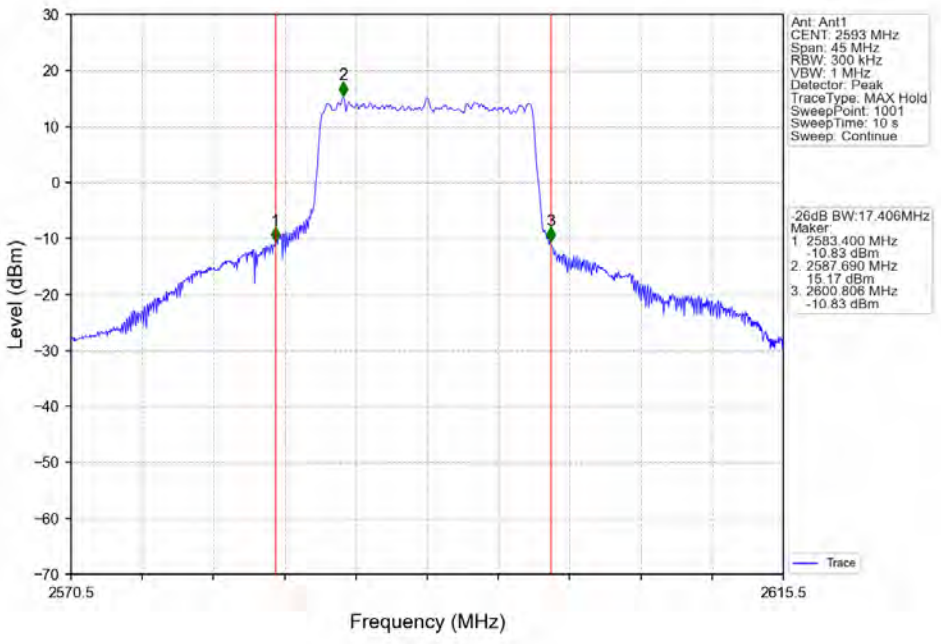
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



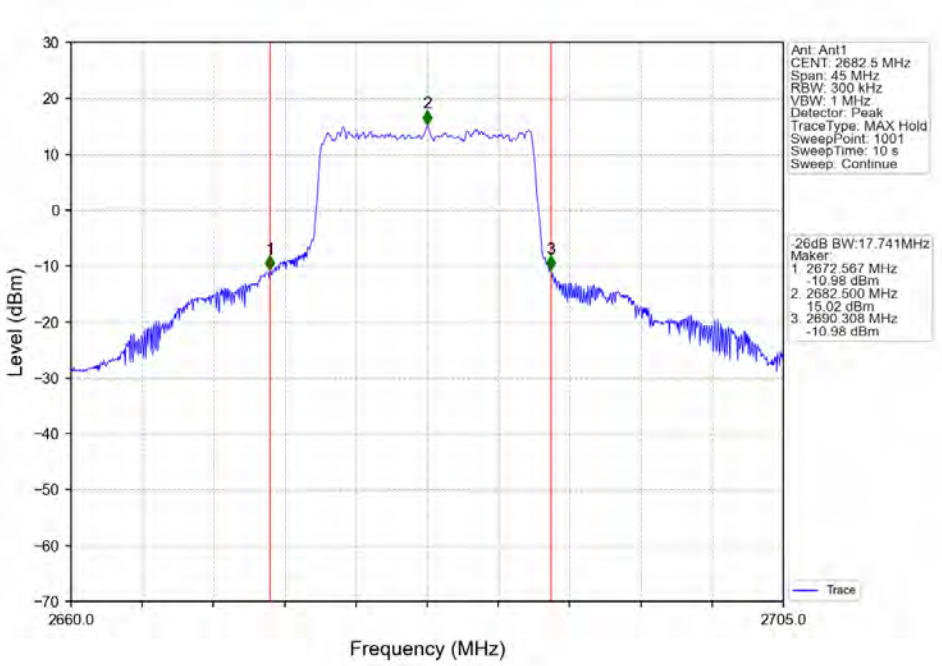
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



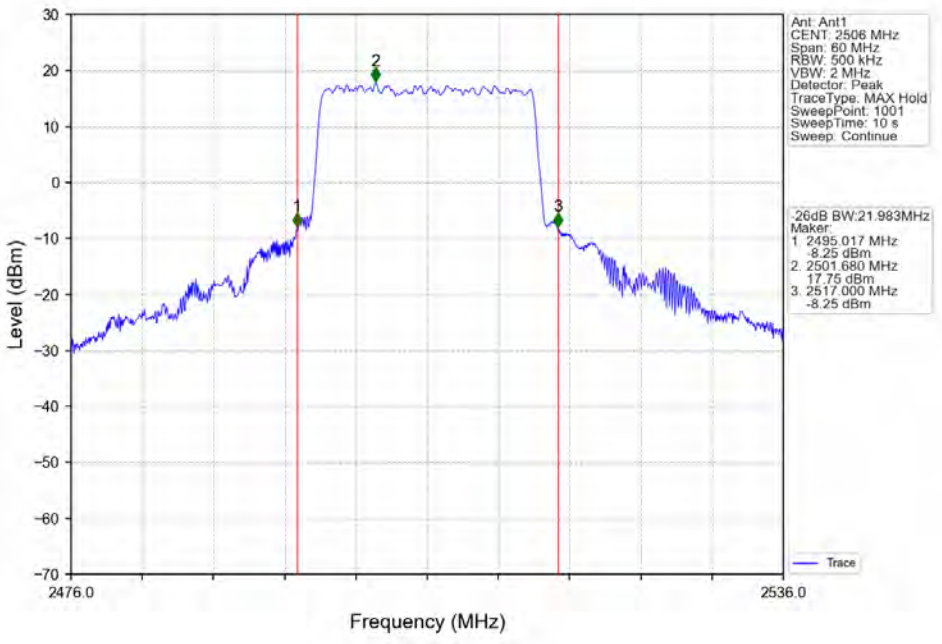
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



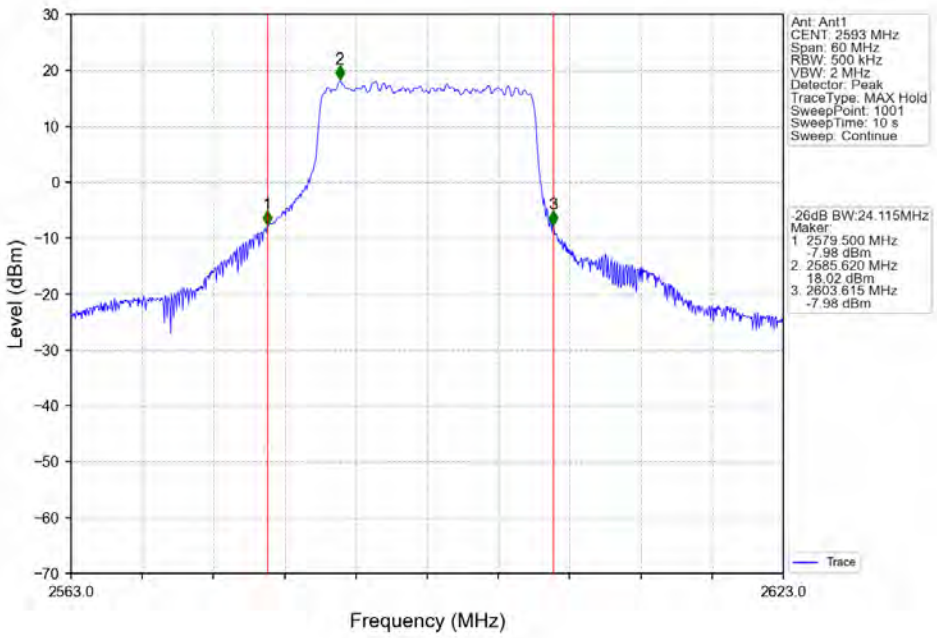
Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



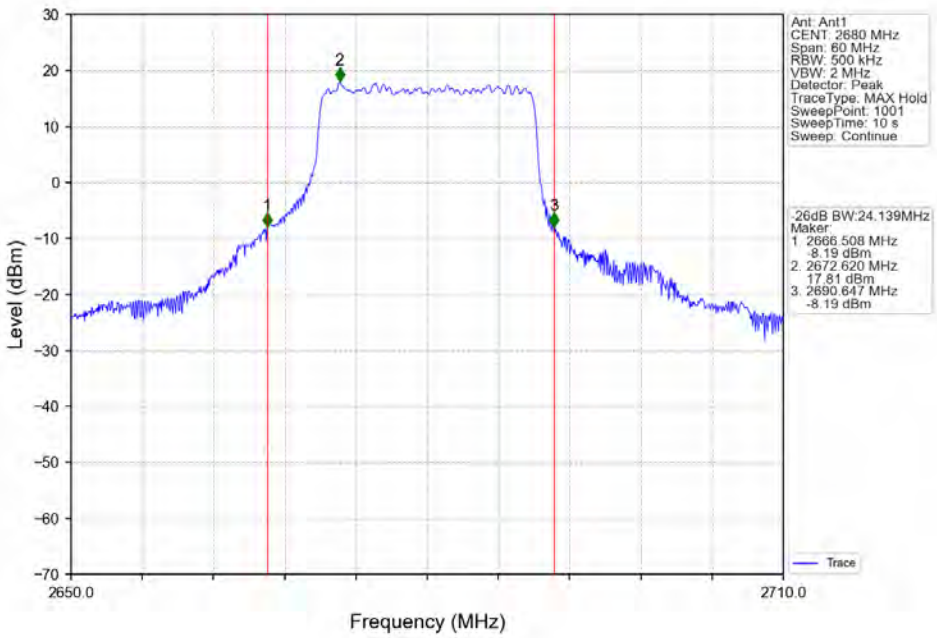
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



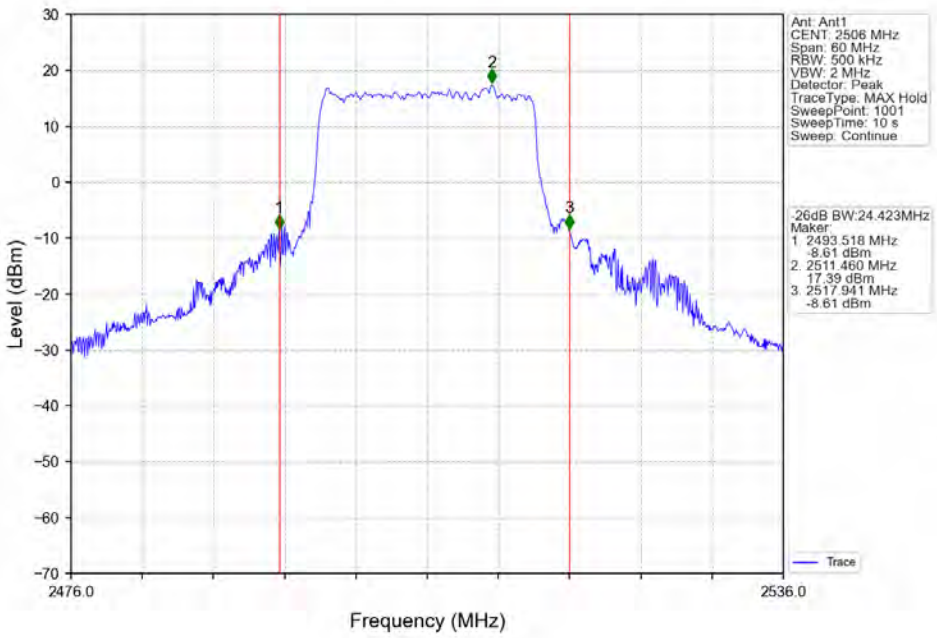
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



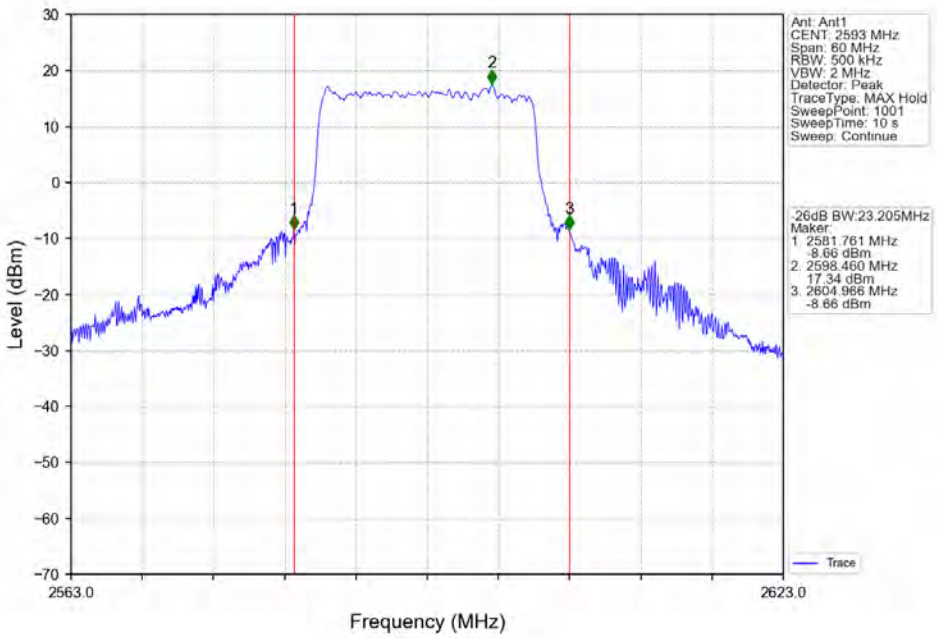
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



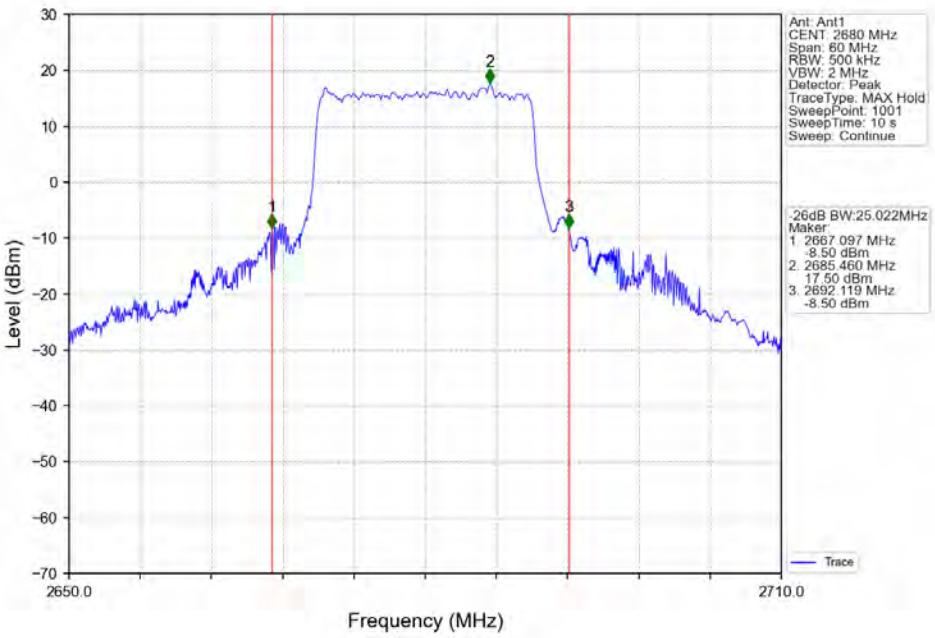
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



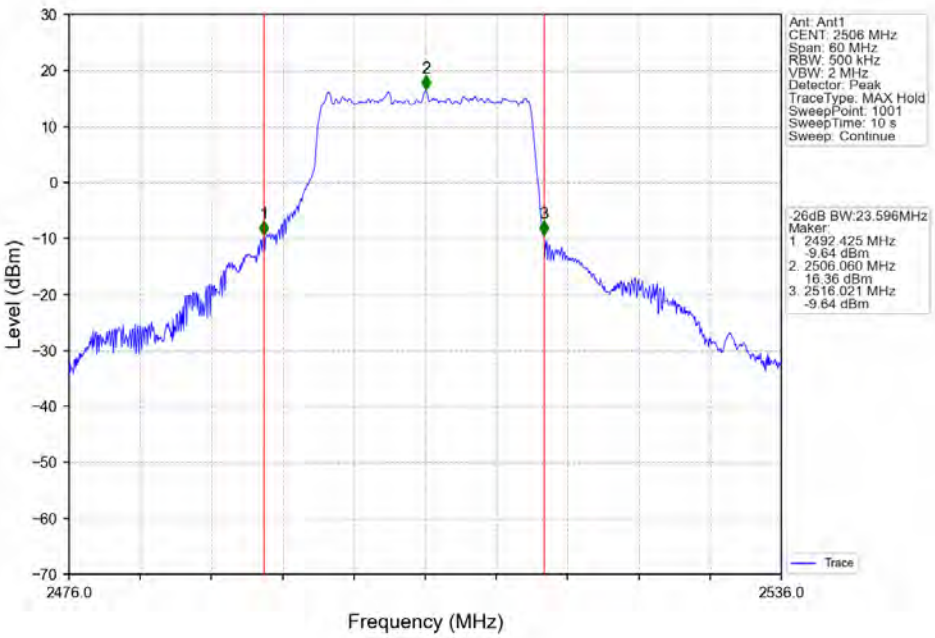
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



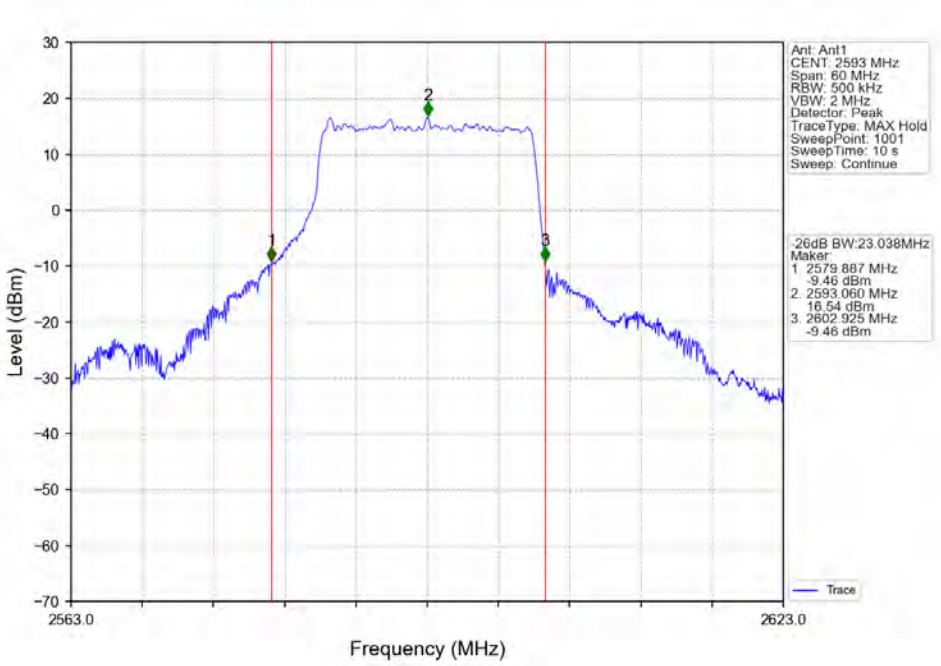
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



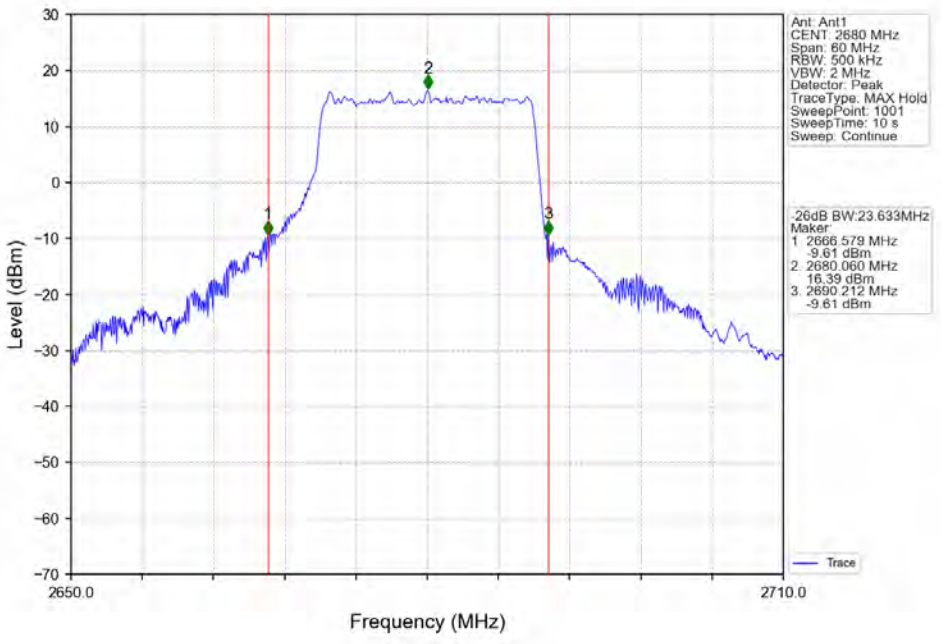
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



4. Peak-Average Ratio

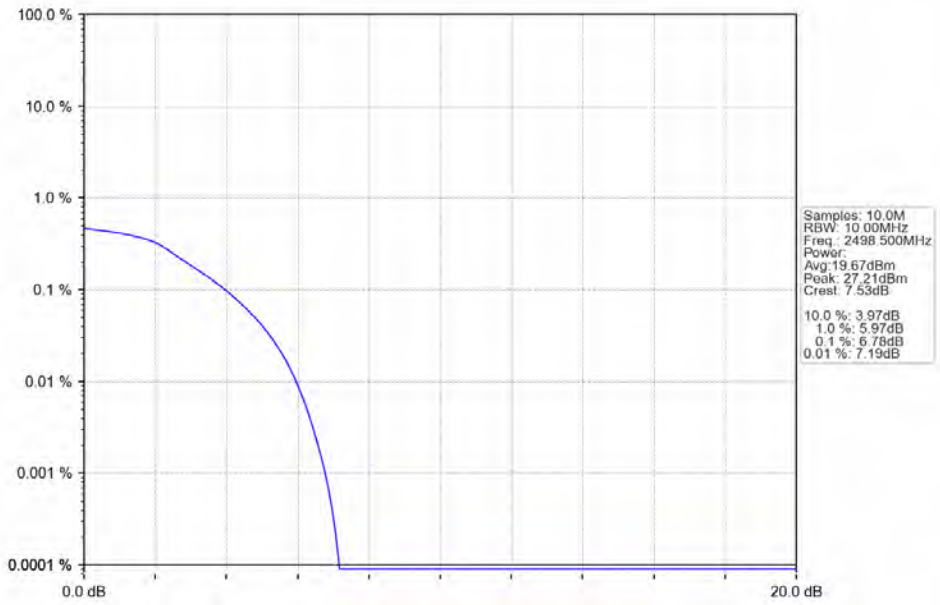
4.1 B41_5MHz

4.1.1 Test Result

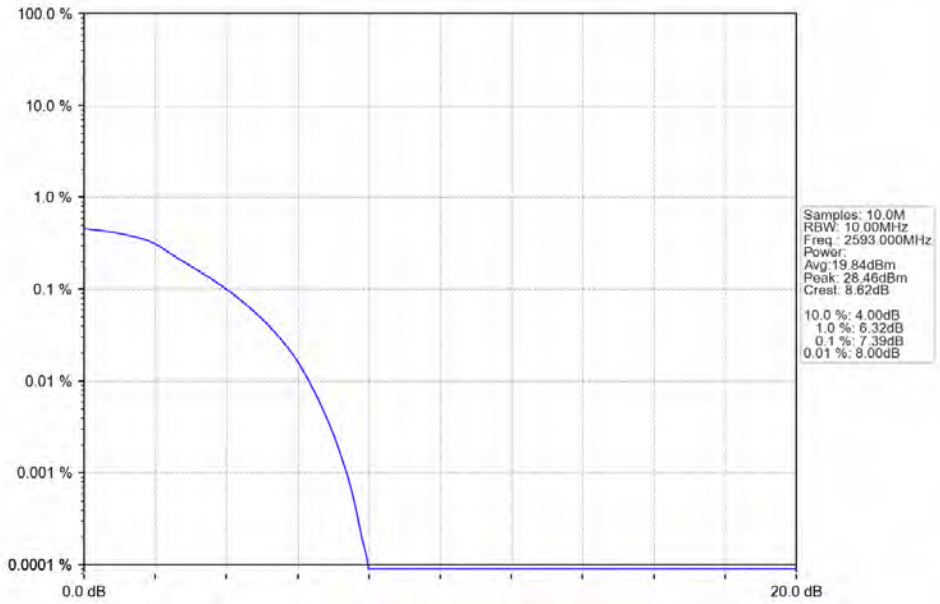
Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	6.78	<=13	Pass
	2593	25	0	7.39	<=13	Pass
	2687.5	25	0	7.07	<=13	Pass
16QAM	2498.5	25	0	7.59	<=13	Pass
	2593	25	0	8.12	<=13	Pass
	2687.5	25	0	7.83	<=13	Pass
64QAM	2498.5	25	0	8.06	<=13	Pass
	2593	25	0	8.55	<=13	Pass
	2687.5	25	0	8.32	<=13	Pass

4.1.2 Test Graph

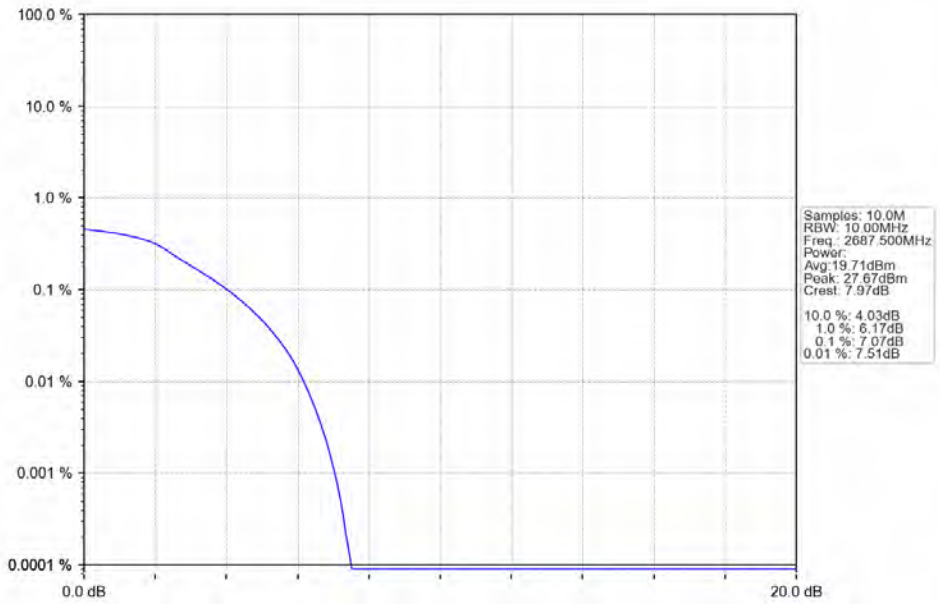
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



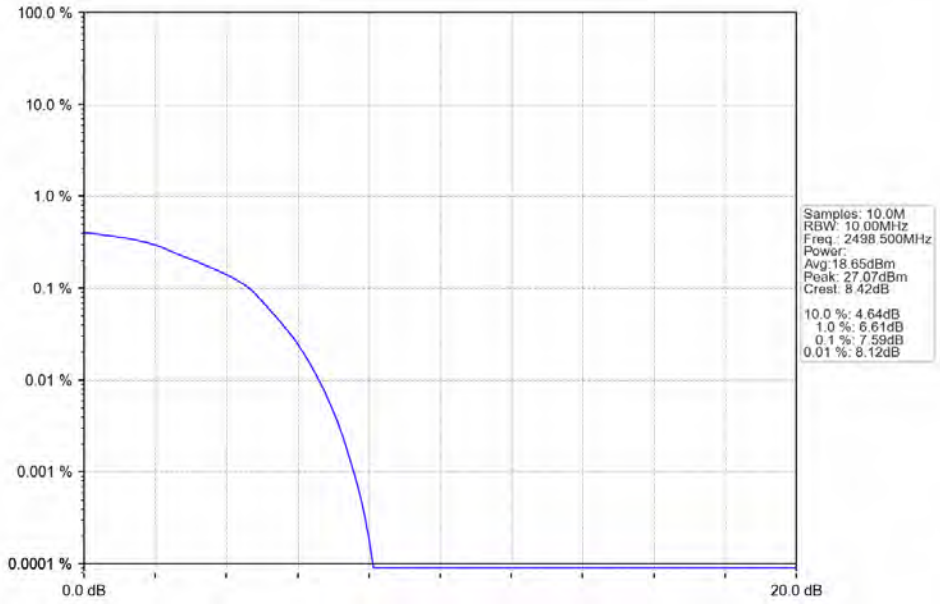
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



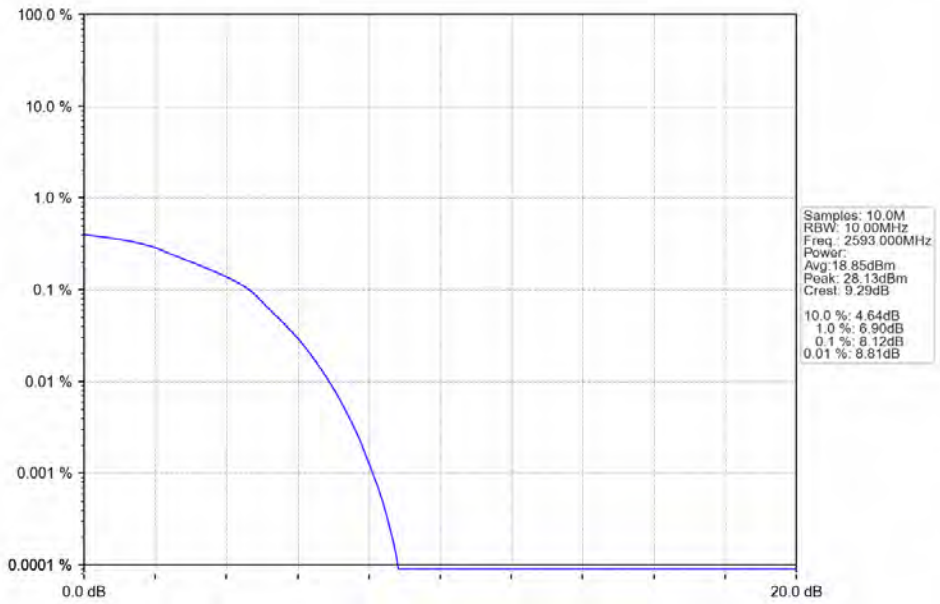
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



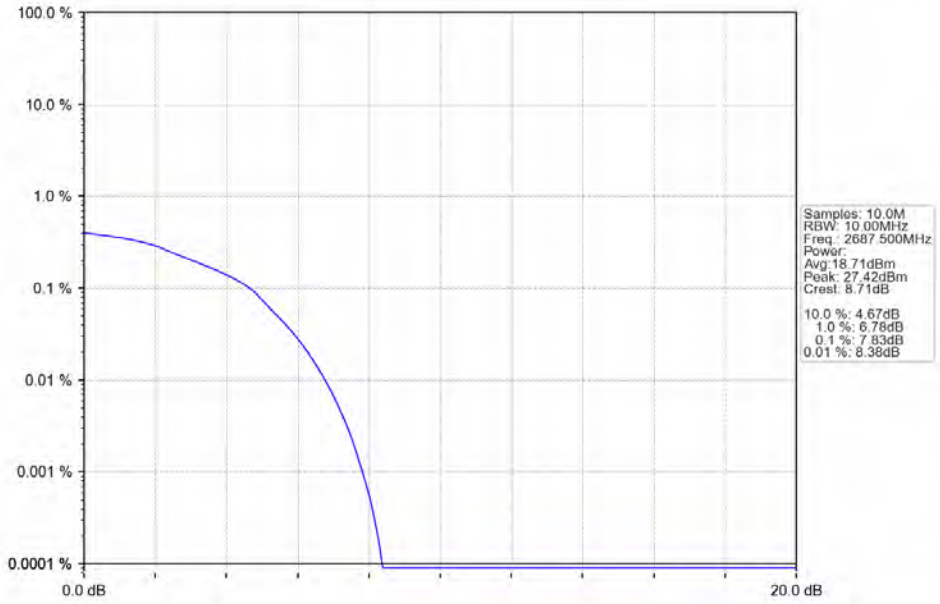
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



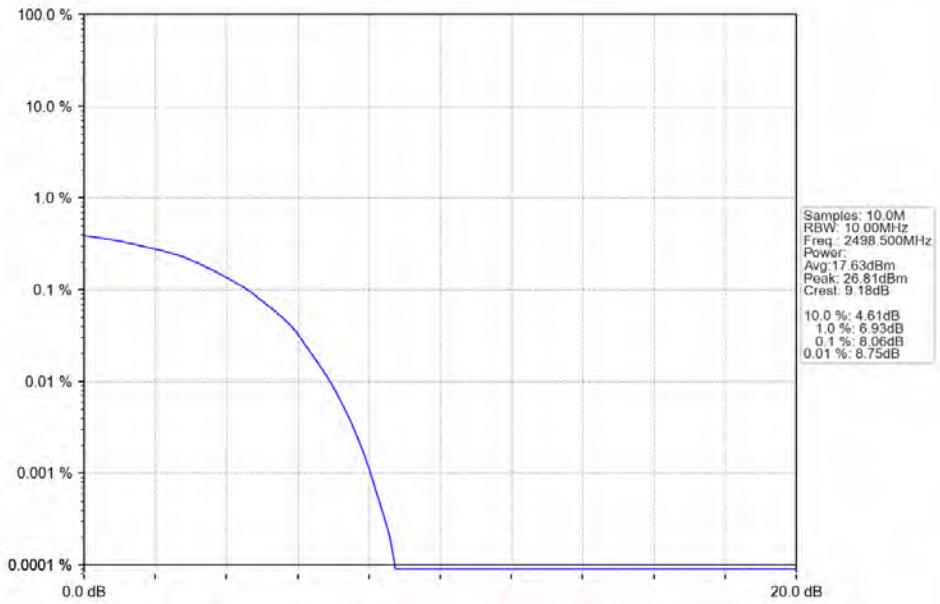
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



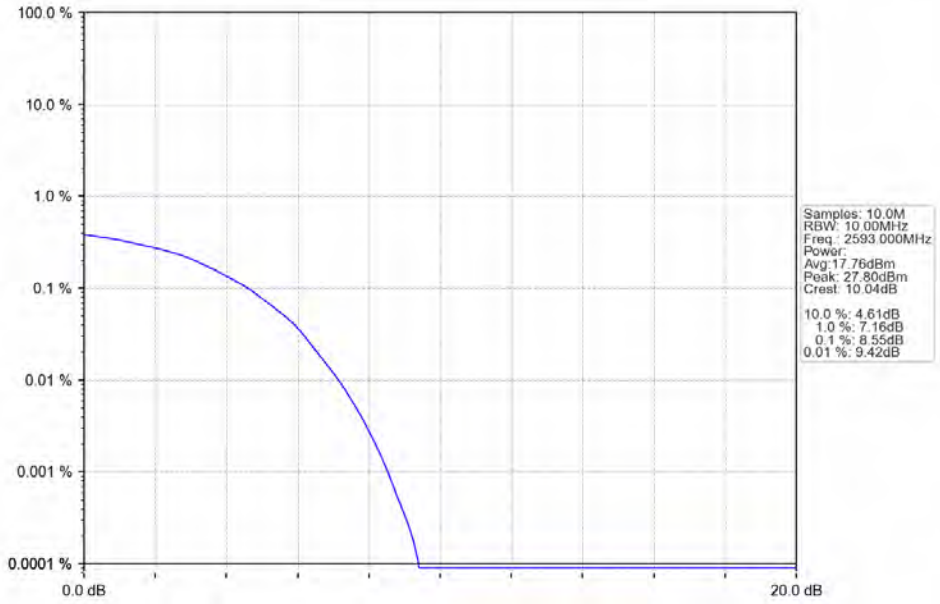
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



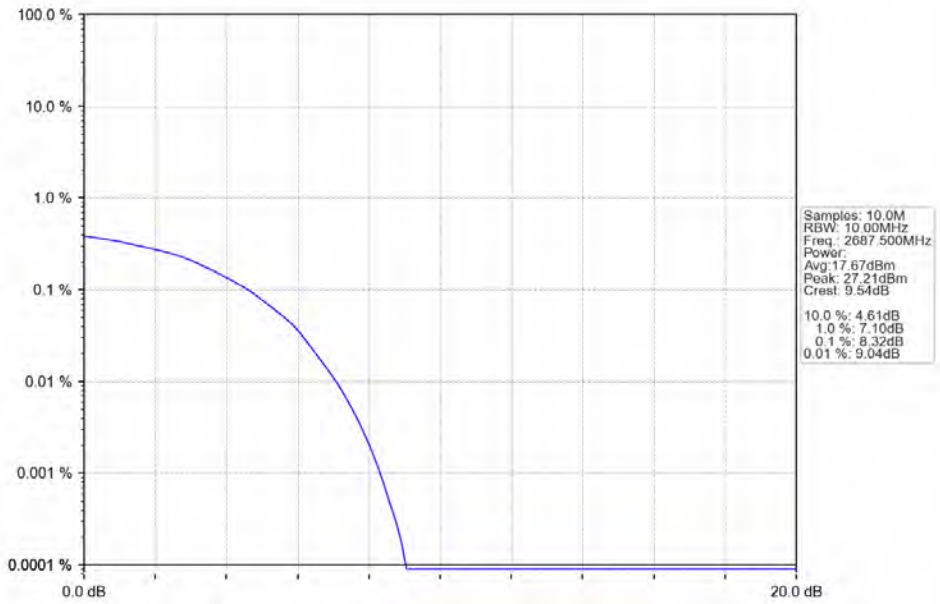
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



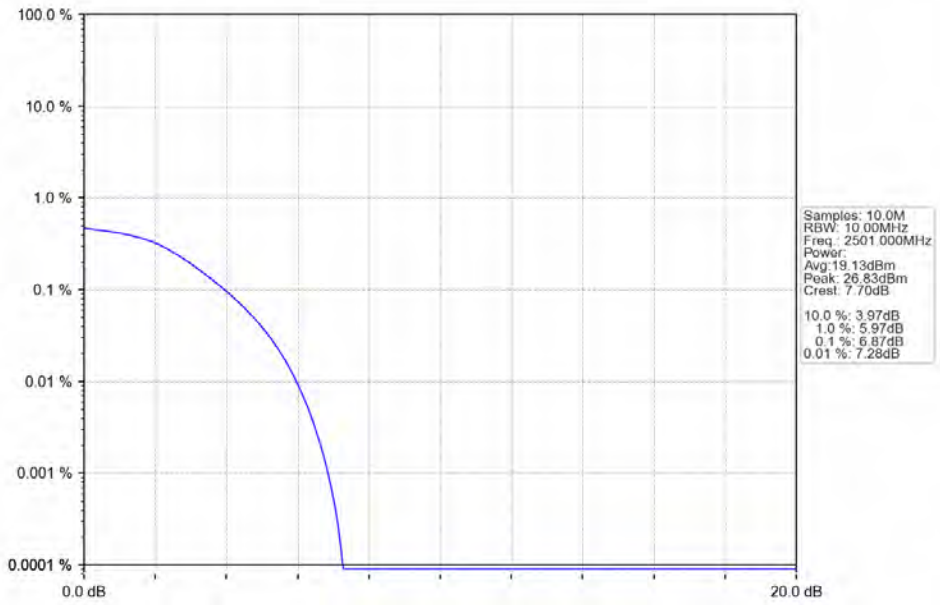
4.2 B41_10MHz

4.2.1 Test Result

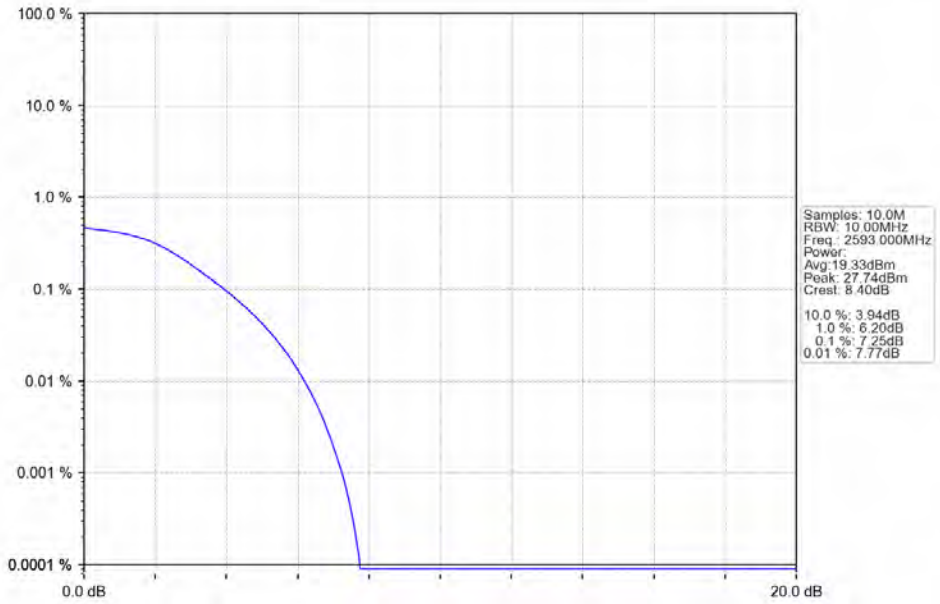
Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	6.87	<=13	Pass
	2593	50	0	7.25	<=13	Pass
	2685	50	0	6.96	<=13	Pass
16QAM	2501	50	0	7.65	<=13	Pass
	2593	50	0	8.03	<=13	Pass
	2685	50	0	7.77	<=13	Pass
64QAM	2501	50	0	8.09	<=13	Pass
	2593	50	0	8.41	<=13	Pass
	2685	50	0	8.20	<=13	Pass

4.2.2 Test Graph

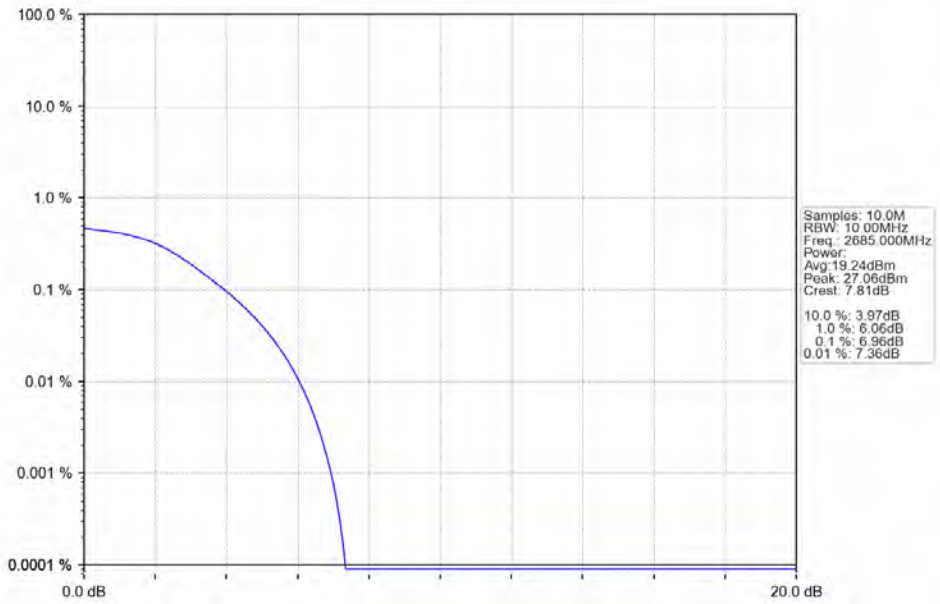
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



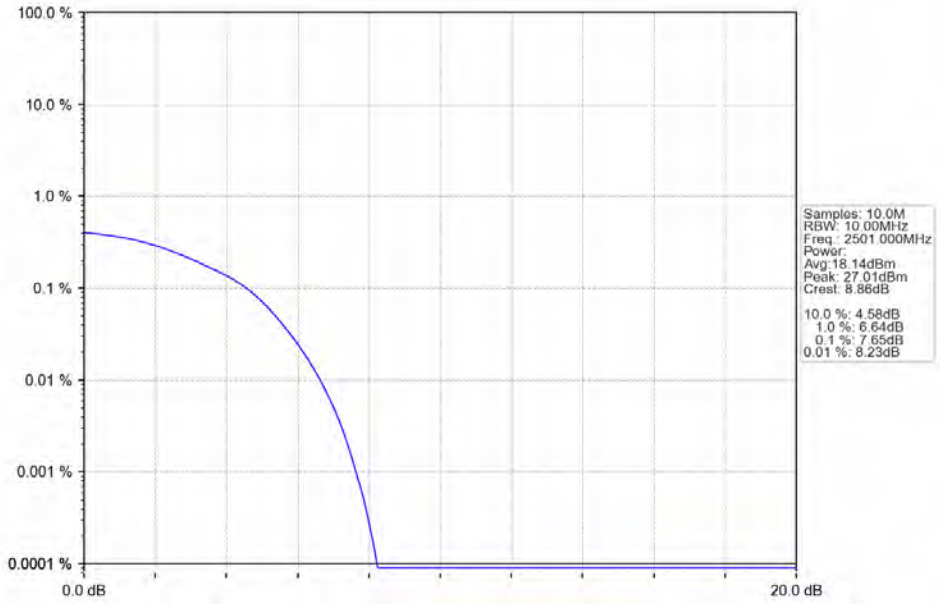
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



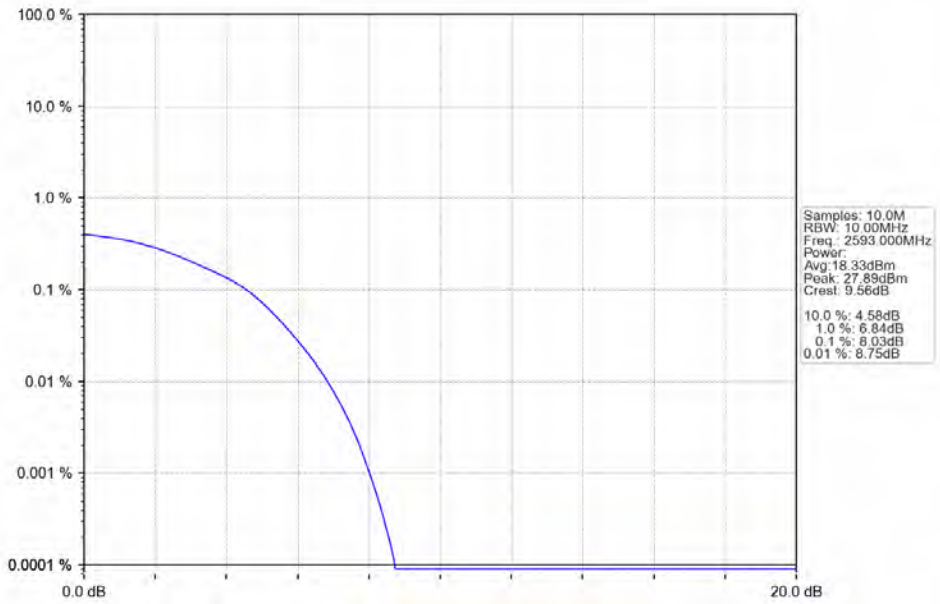
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



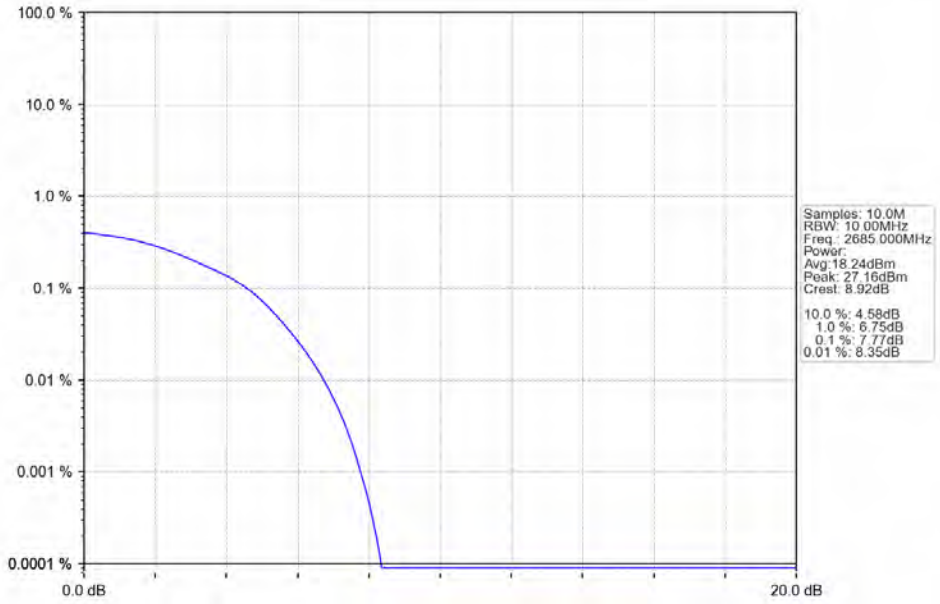
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



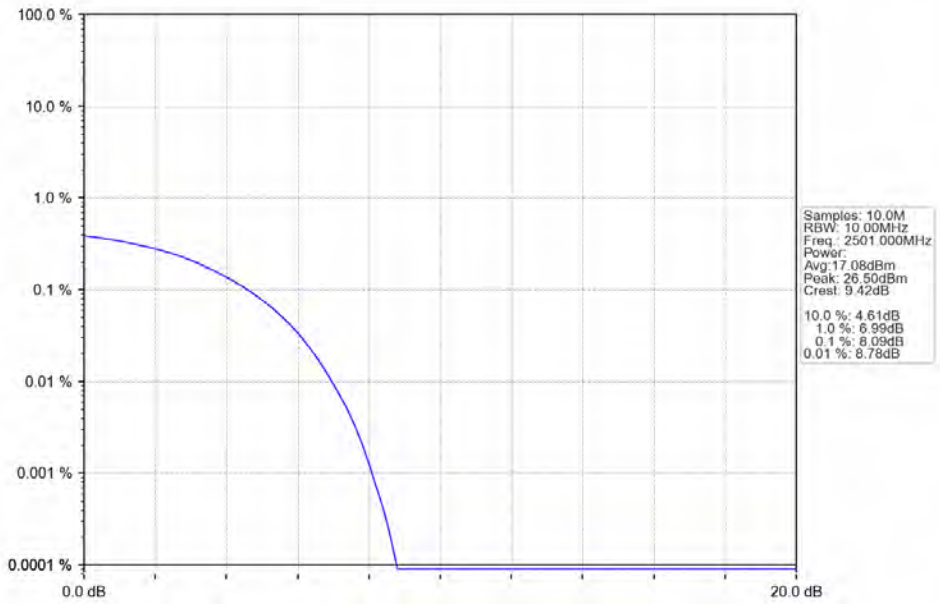
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



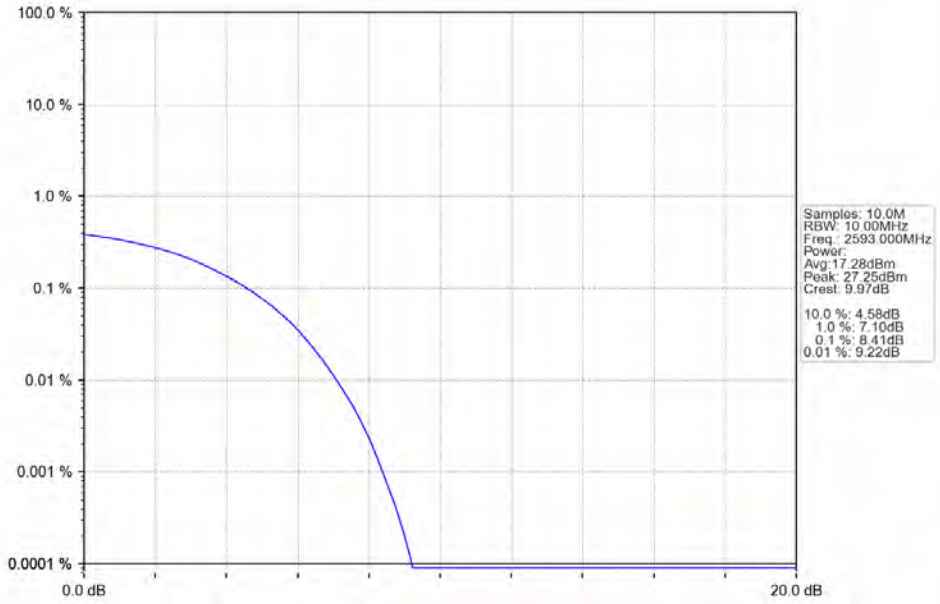
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



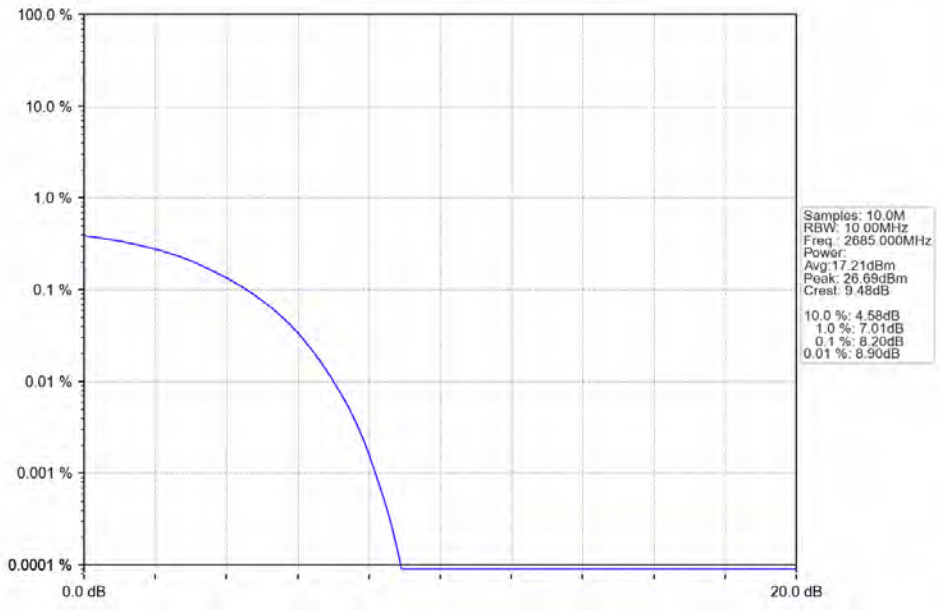
Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV



Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



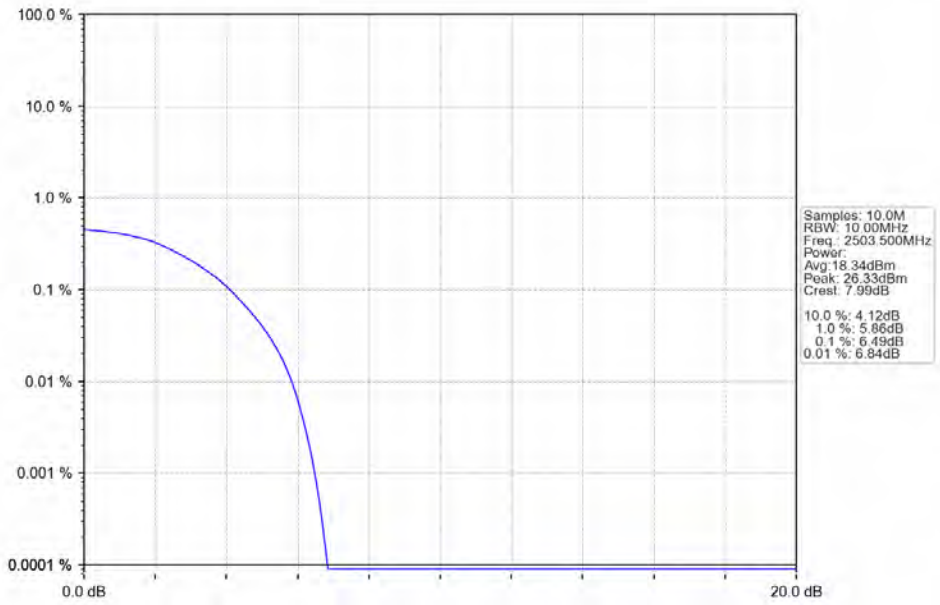
4.3 B41_15MHz

4.3.1 Test Result

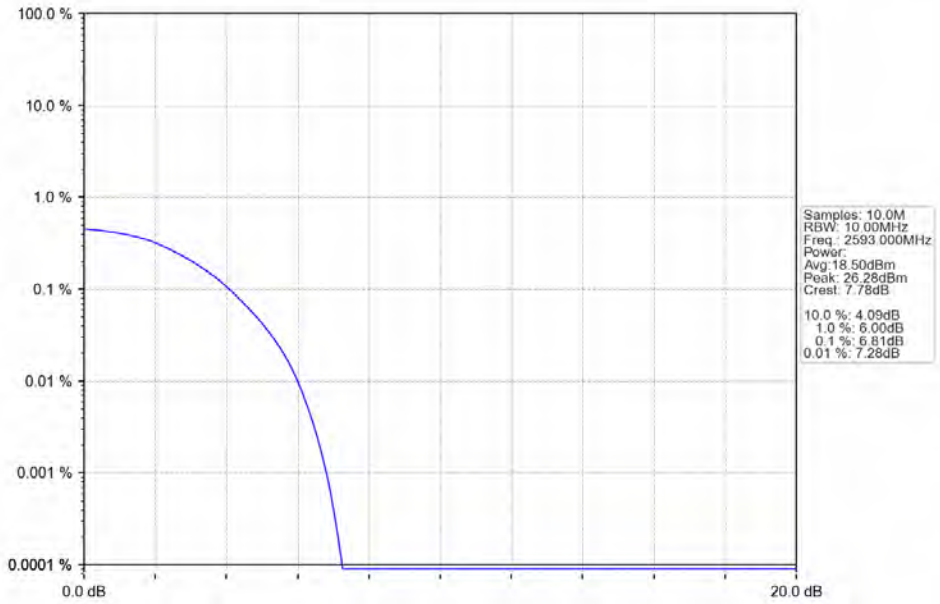
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	6.49	<=13	Pass
	2593	75	0	6.81	<=13	Pass
	2682.5	75	0	6.55	<=13	Pass
16QAM	2503.5	75	0	7.65	<=13	Pass
	2593	75	0	7.97	<=13	Pass
	2682.5	75	0	7.77	<=13	Pass
64QAM	2503.5	75	0	8.06	<=13	Pass
	2593	75	0	8.23	<=13	Pass
	2682.5	75	0	8.12	<=13	Pass

4.3.2 Test Graph

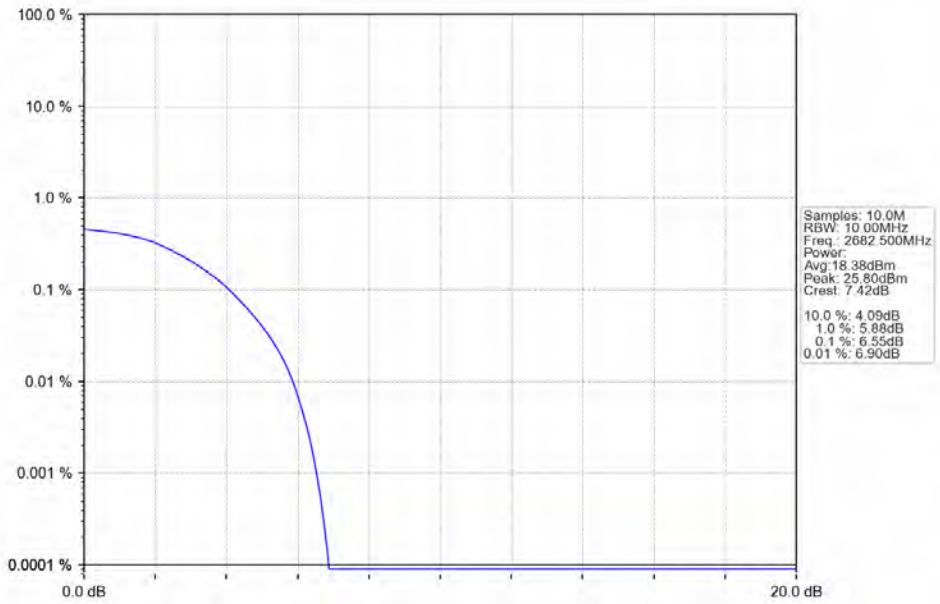
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



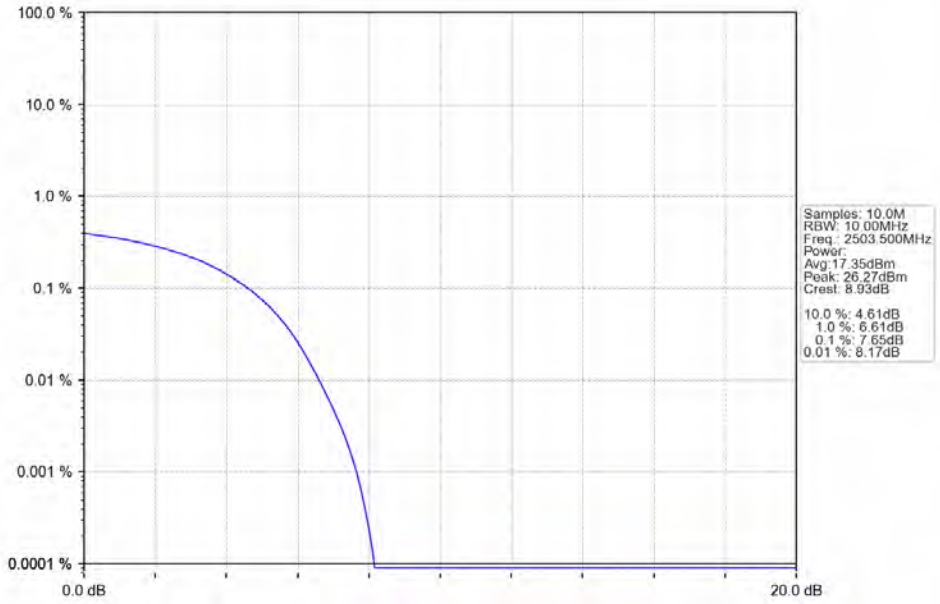
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



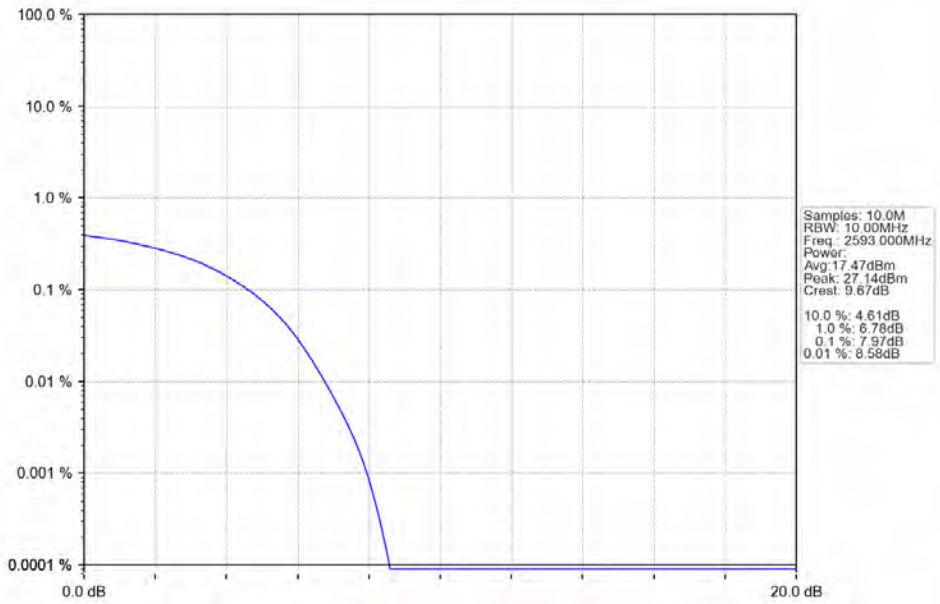
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



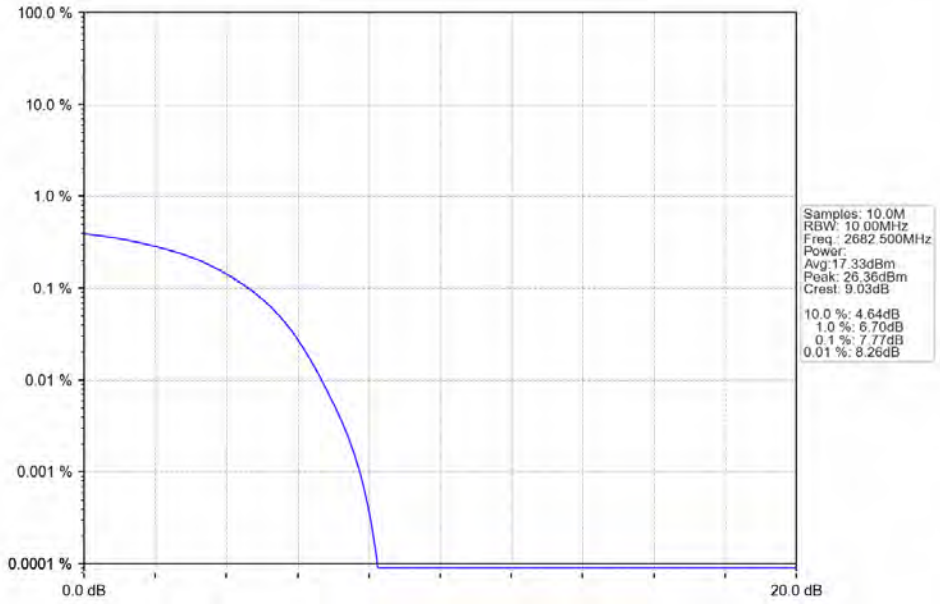
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



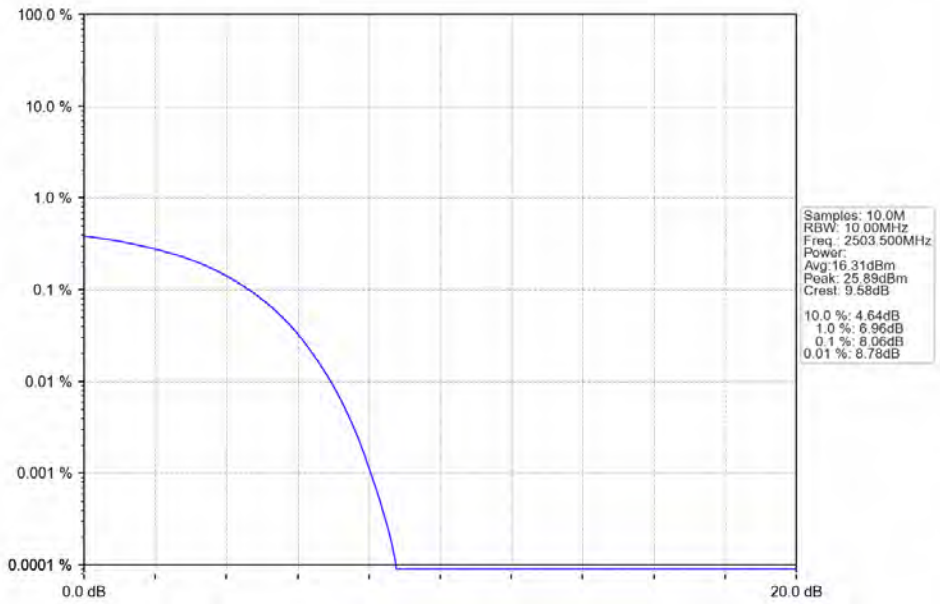
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



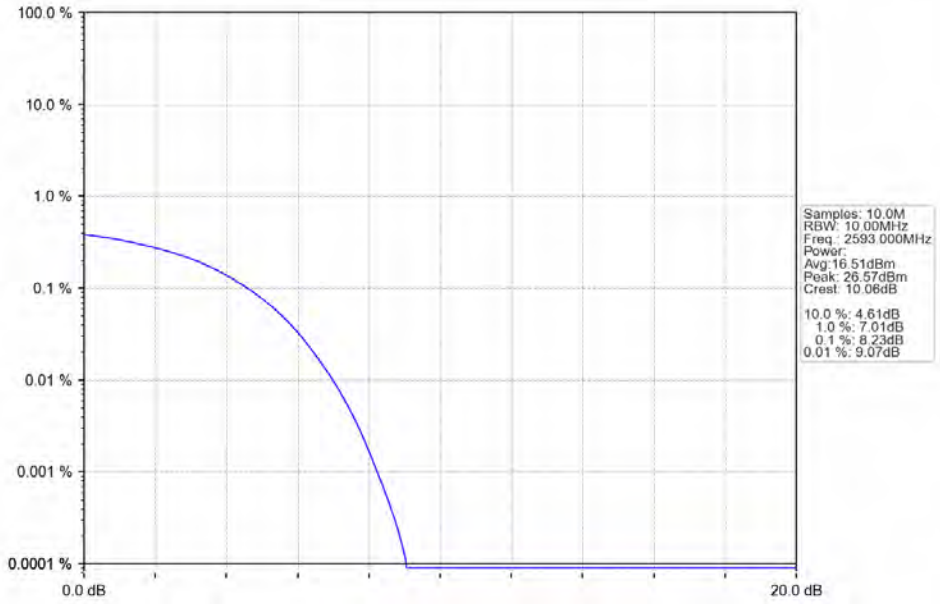
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



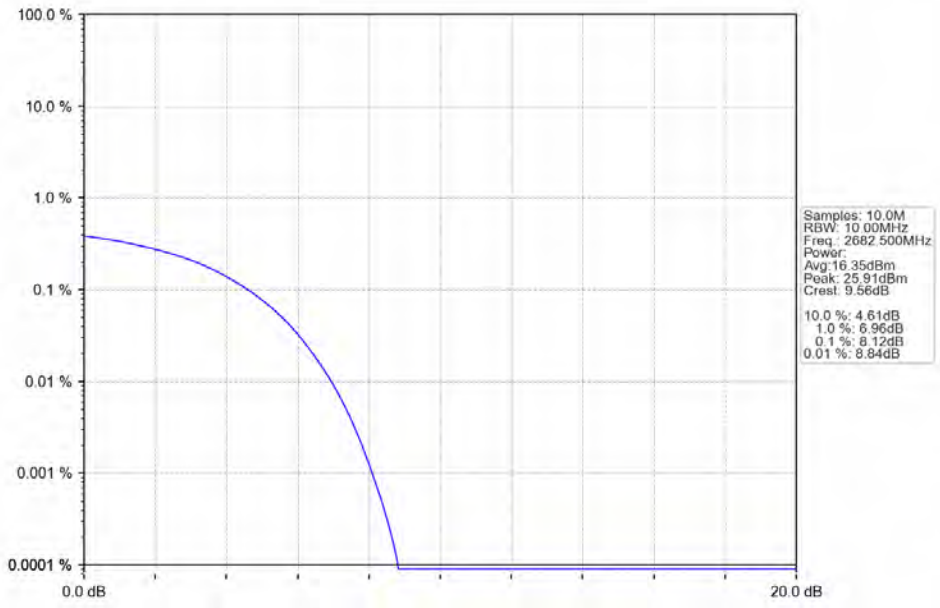
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



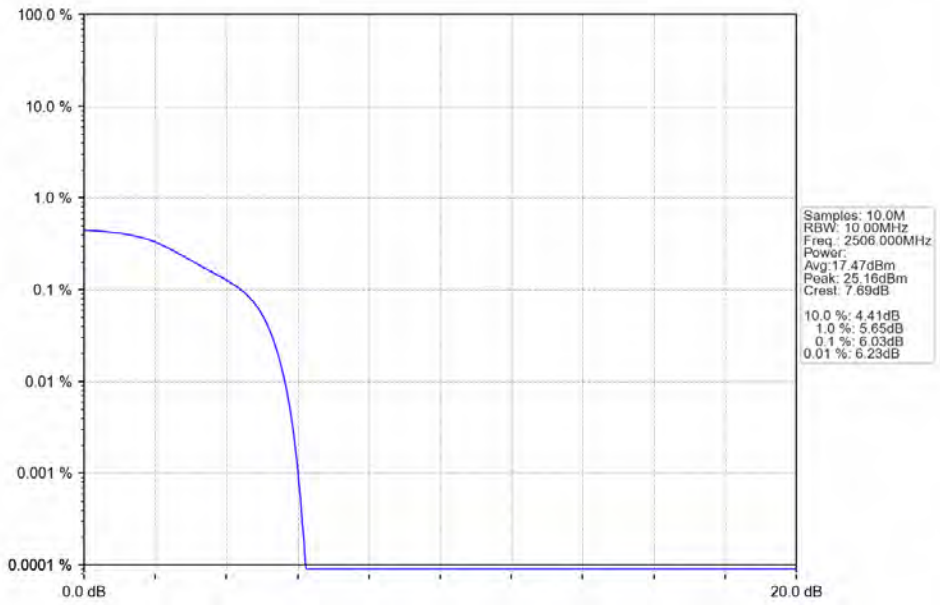
4.4 B41_20MHz

4.4.1 Test Result

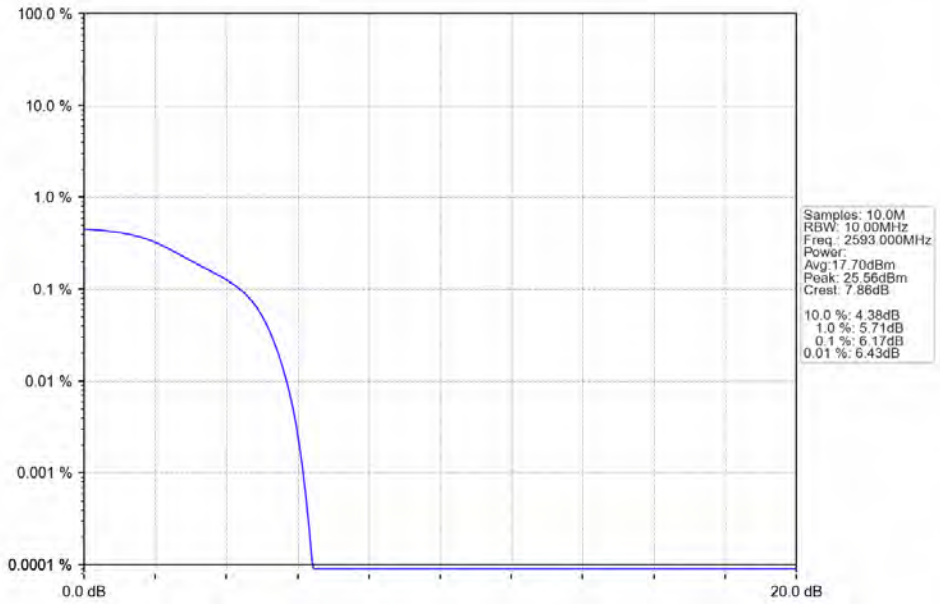
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	6.03	<=13	Pass
	2593	100	0	6.17	<=13	Pass
	2680	100	0	6.06	<=13	Pass
16QAM	2506	100	0	7.77	<=13	Pass
	2593	100	0	7.88	<=13	Pass
	2680	100	0	7.74	<=13	Pass
64QAM	2506	100	0	8.17	<=13	Pass
	2593	100	0	8.26	<=13	Pass
	2680	100	0	8.14	<=13	Pass

4.4.2 Test Graph

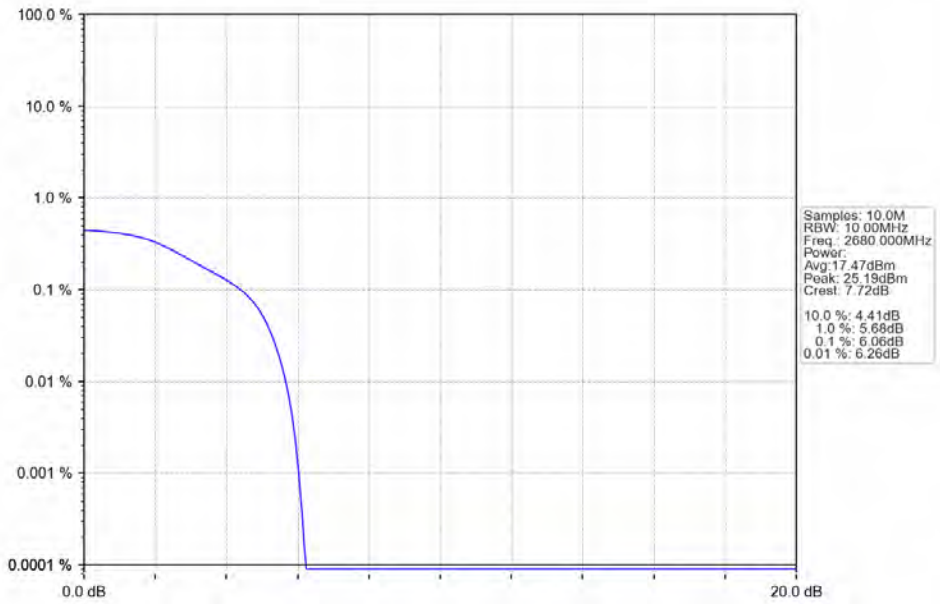
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



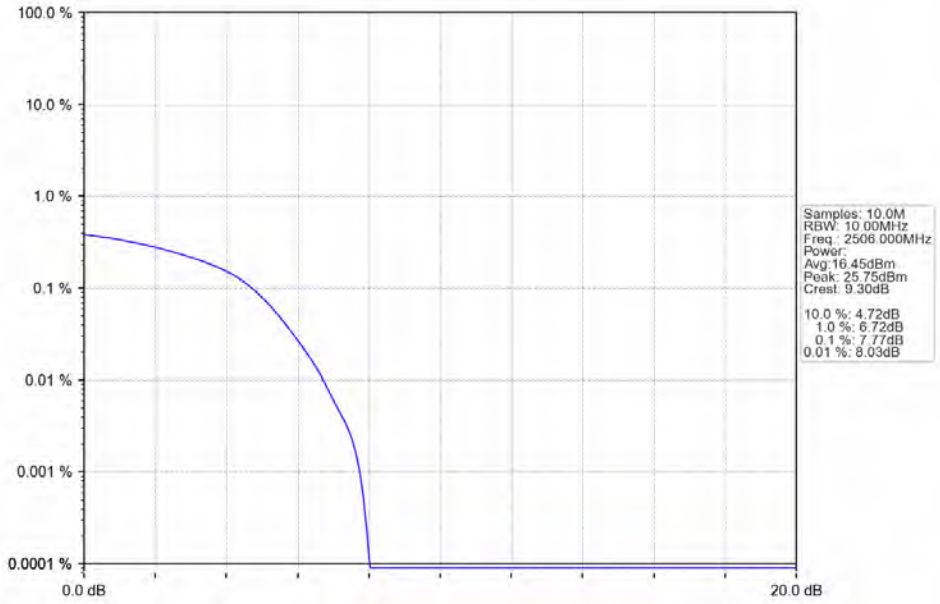
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



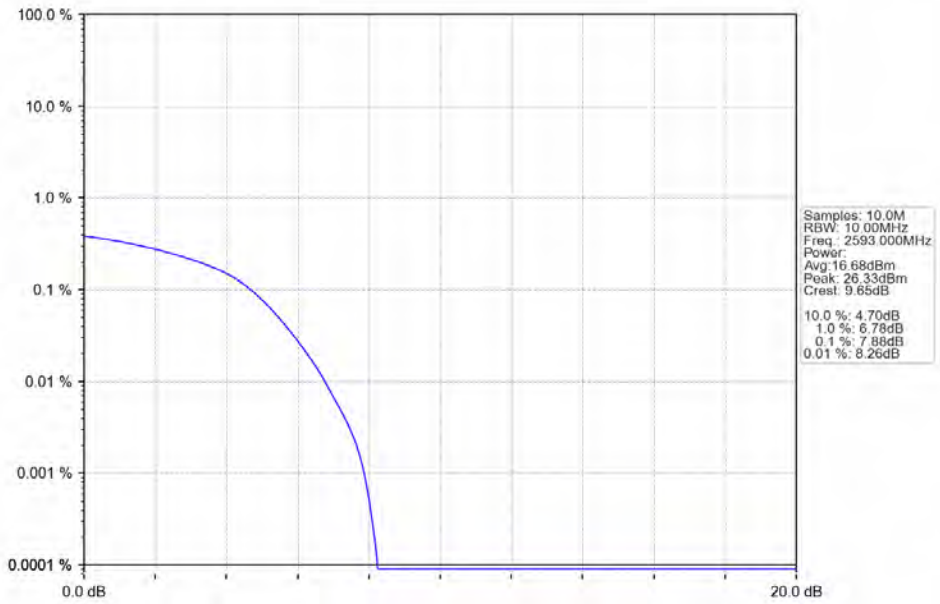
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



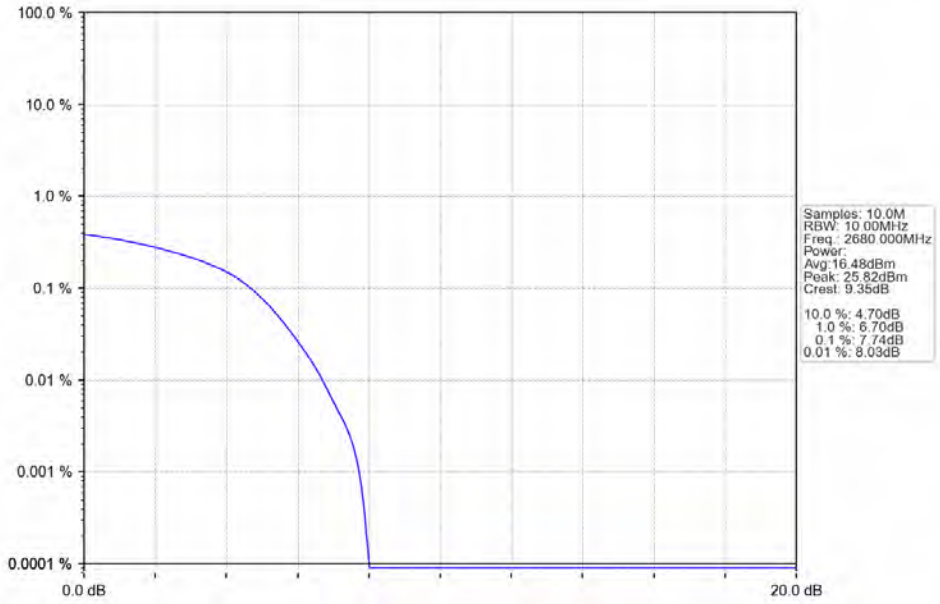
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



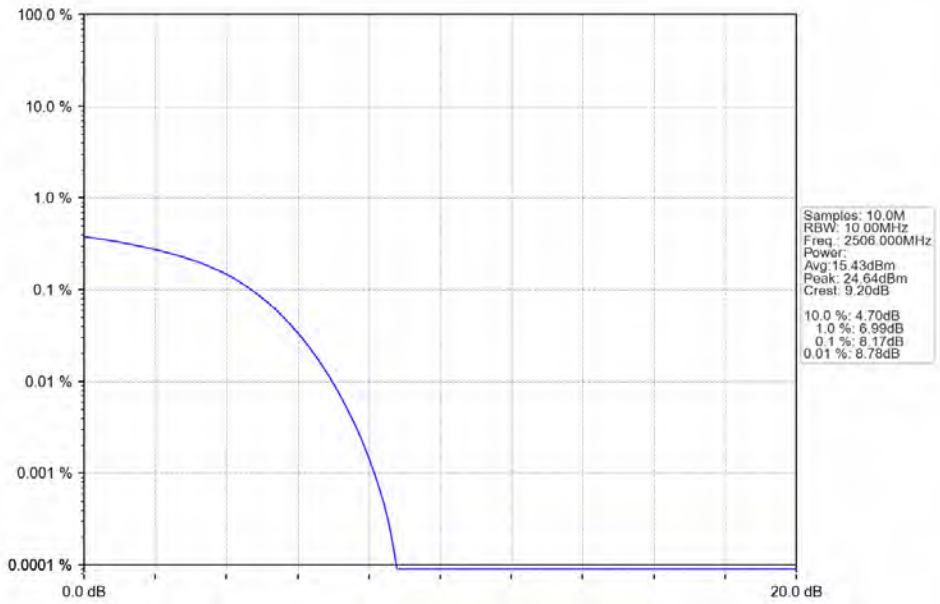
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



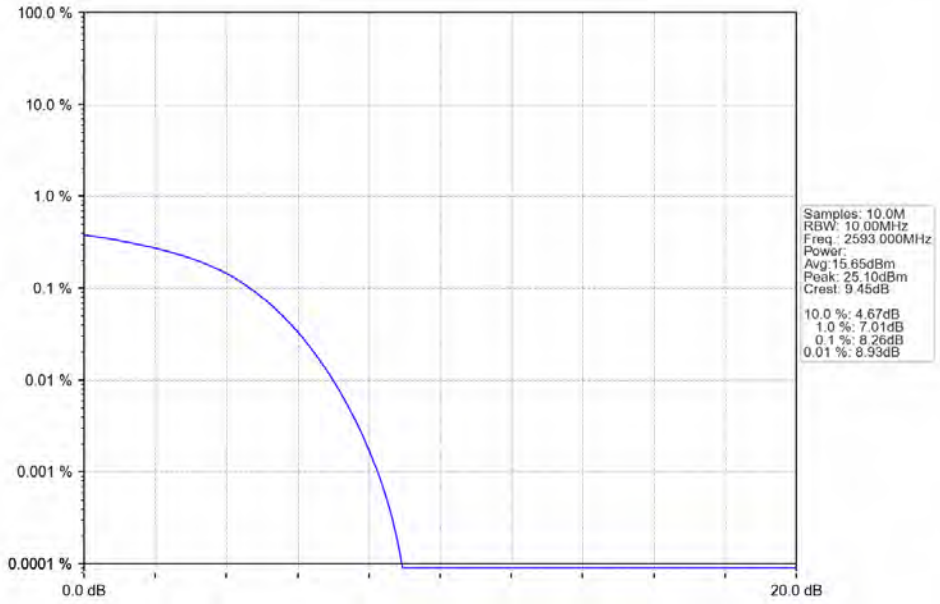
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



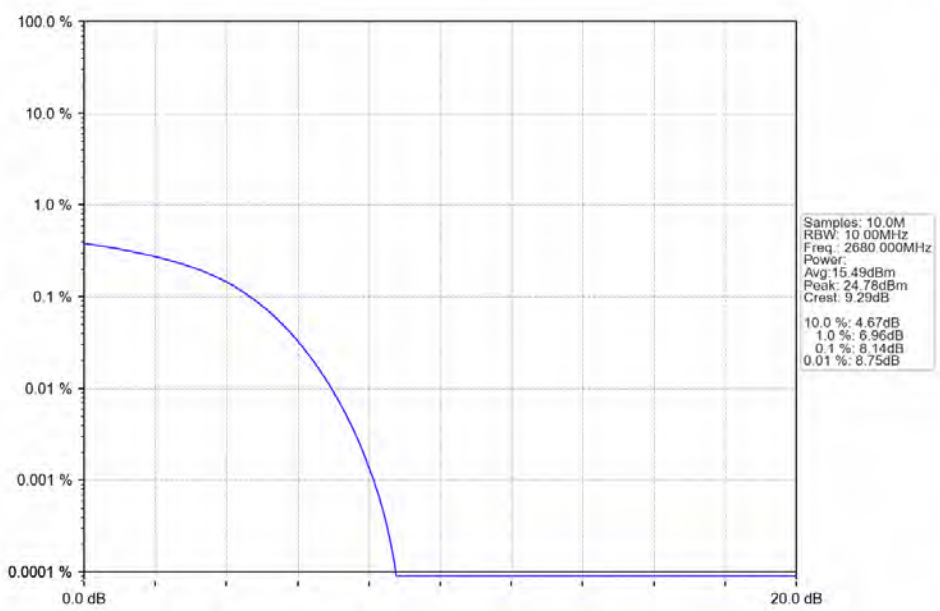
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



5. Spurious Emission & Band Edges

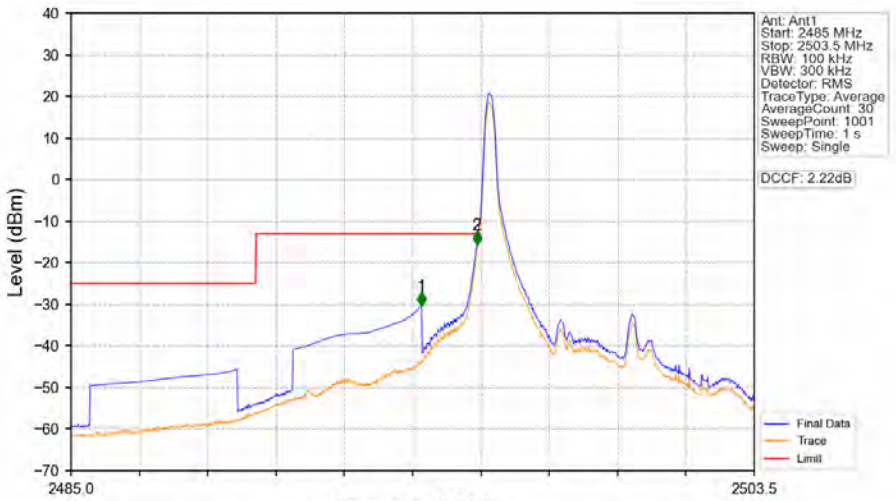
5.1 B41_5MHz

5.1.1 Test Result

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

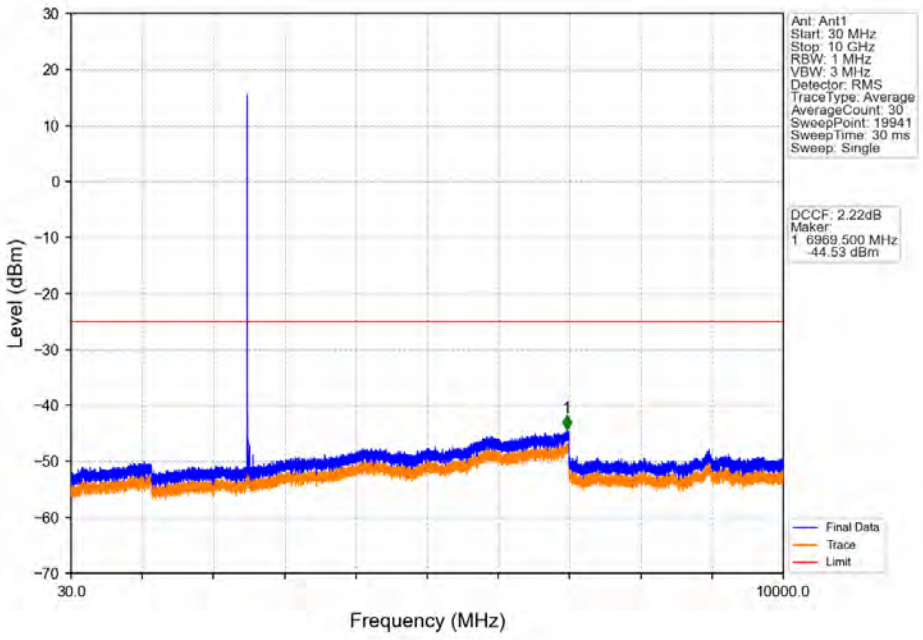
5.1.2 Test Graph

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

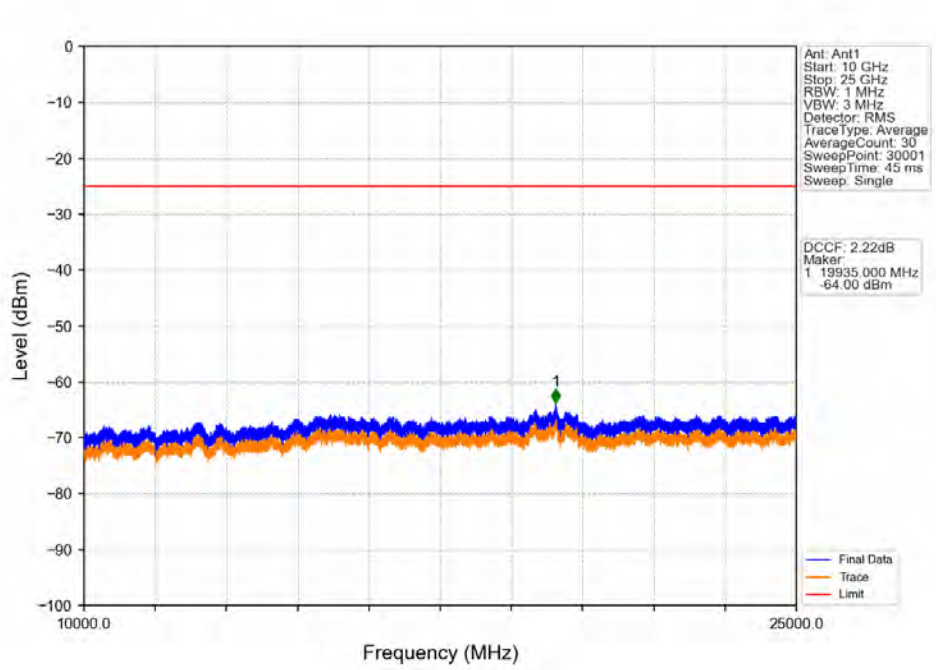


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.490	-30.39	-13	Pass
2495	2496	0.1	/	2	2495.989	-15.73	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

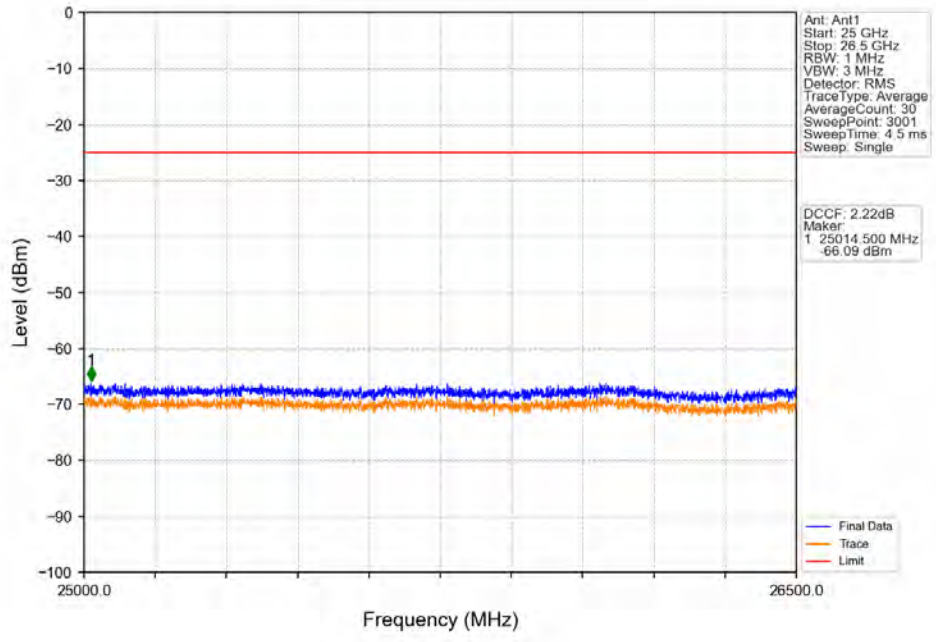
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



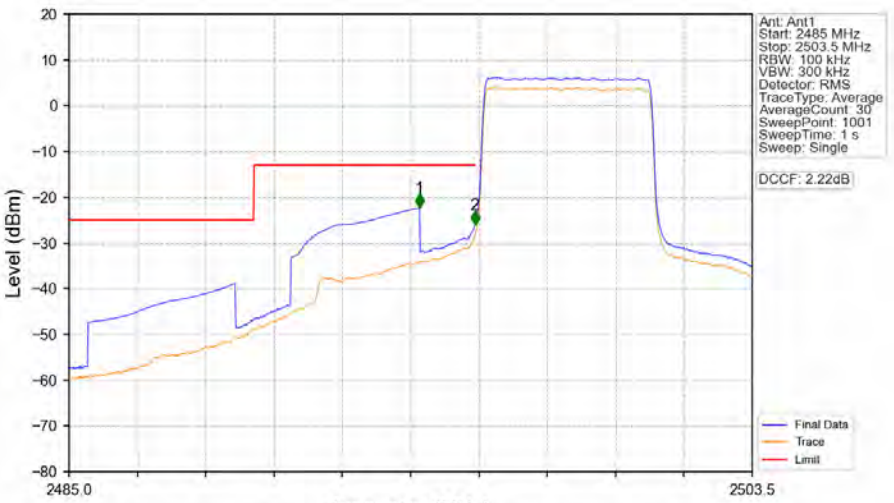
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

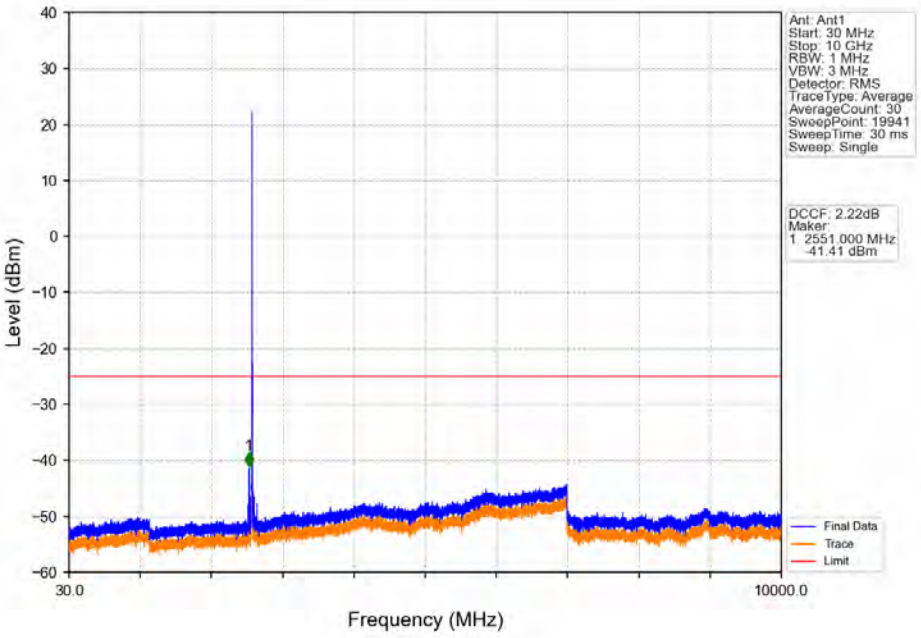


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

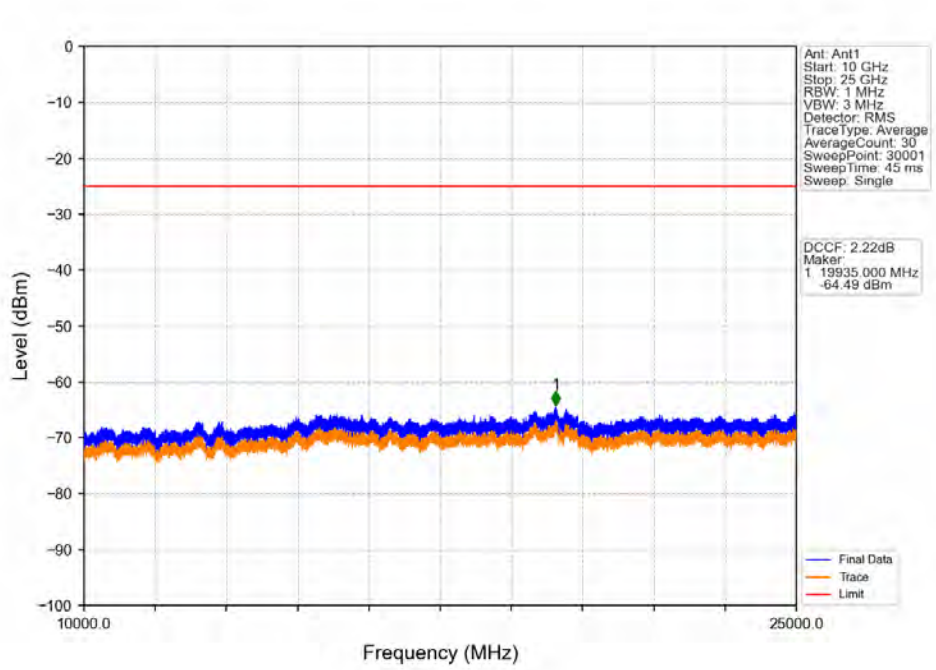


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.490	-22.36	-13	Pass
2495	2496	0.1	/	2	2495.989	-26.11	-13	Pass
2496	2503.5	0.115	/	/	/	/	/	/

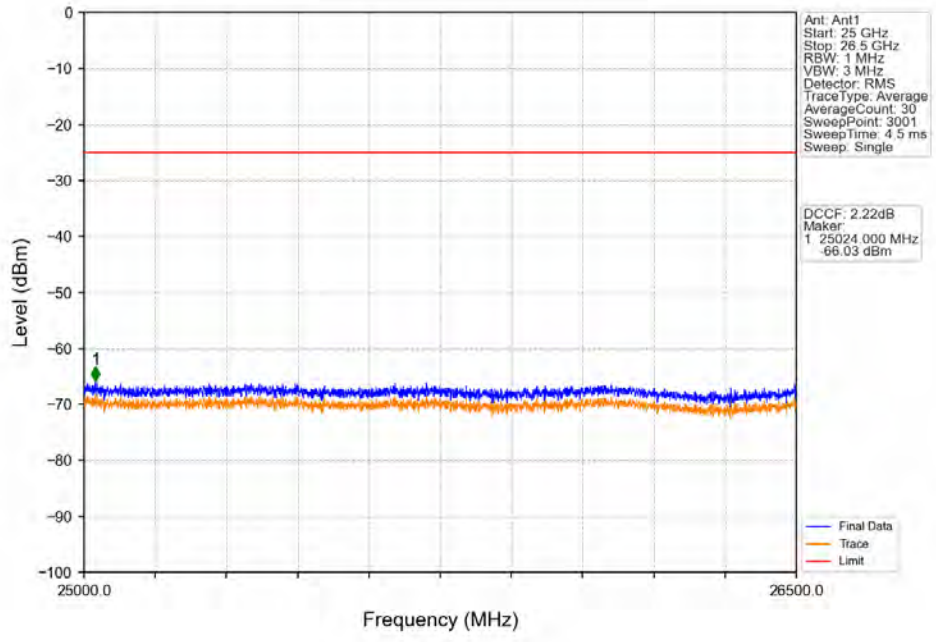
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



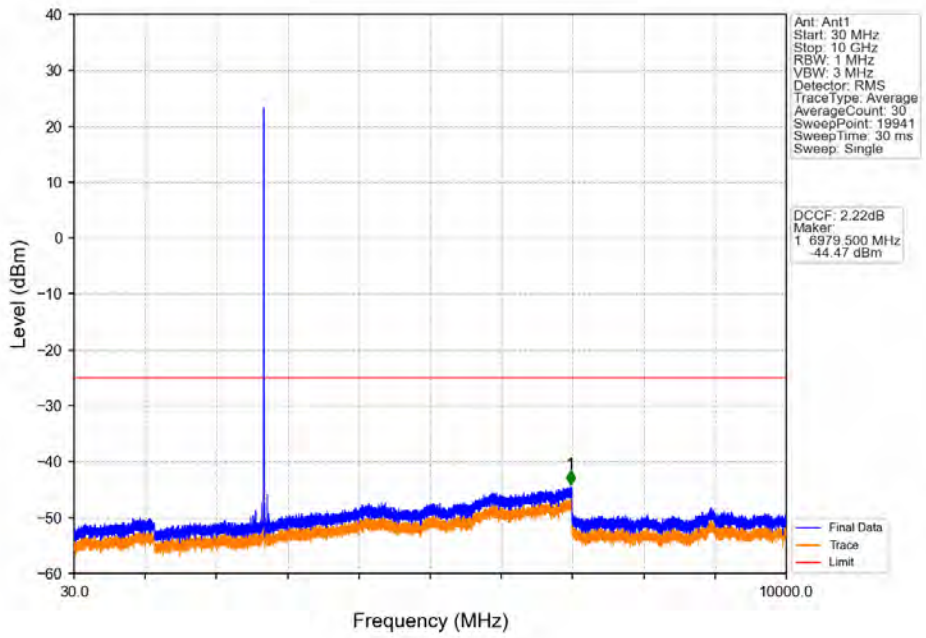
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



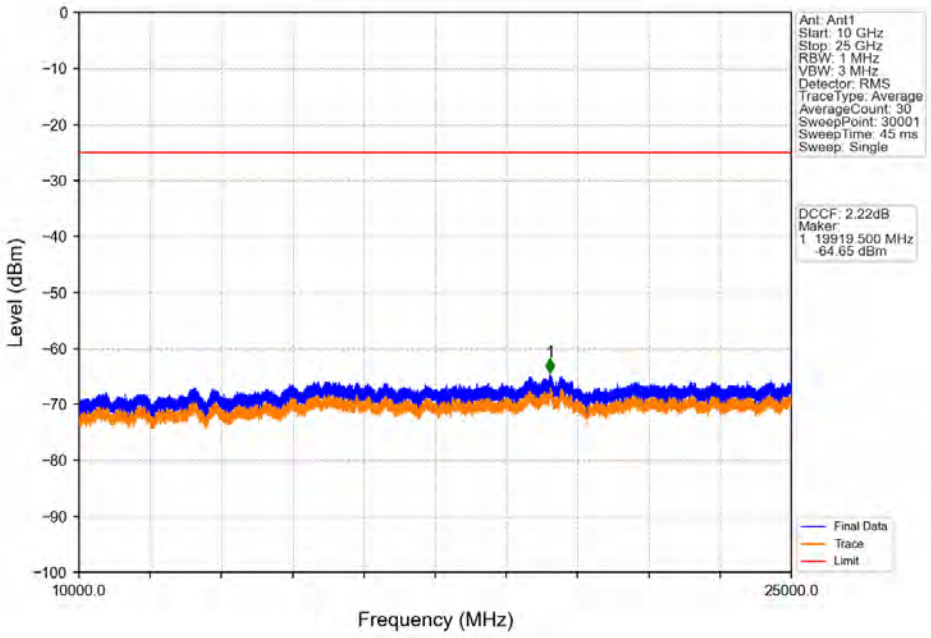
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



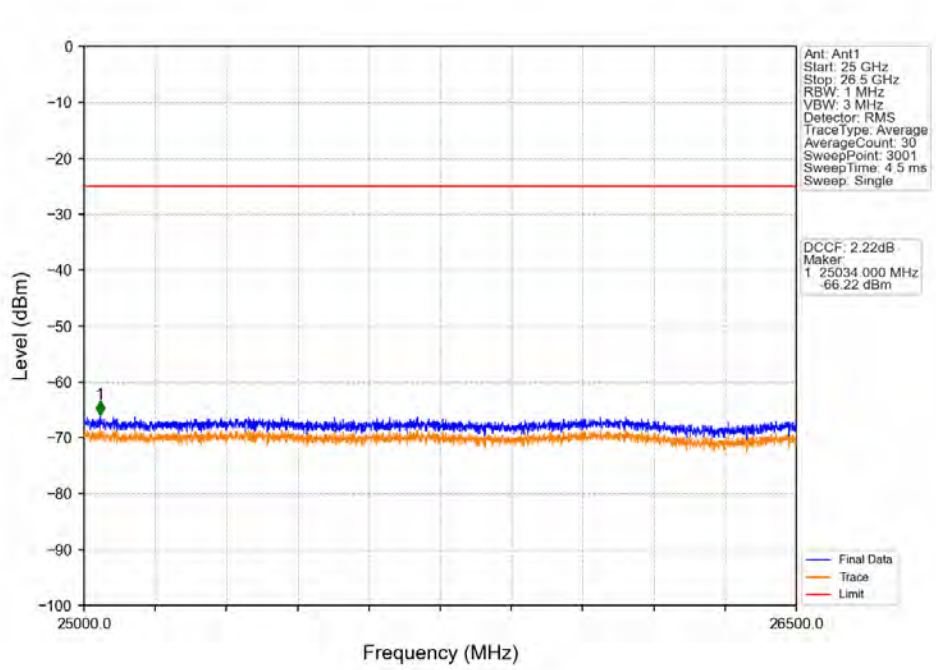
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



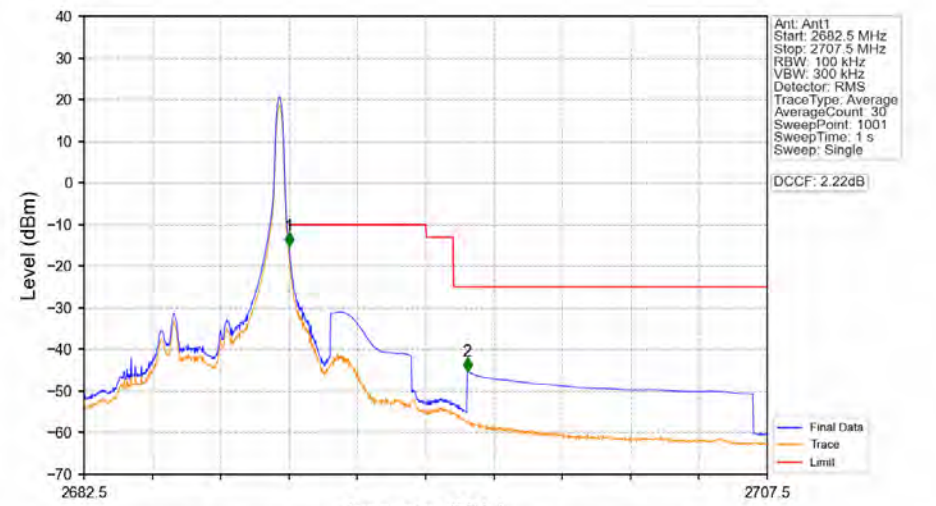
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

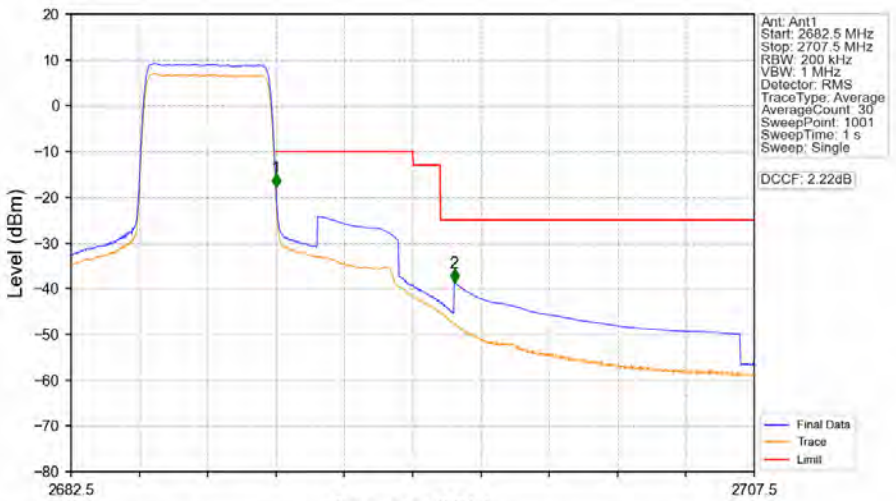


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.000	-15.22	-10	Pass
2691	2707.5	1	CHP	2	2696.525	-45.29	-25	Pass

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.2	/	/	/	/	/	/
2690	2691	0.2	/	1	2690.000	-17.93	-10	Pass
2691	2707.5	1	CHP	2	2696.525	-38.70	-25	Pass

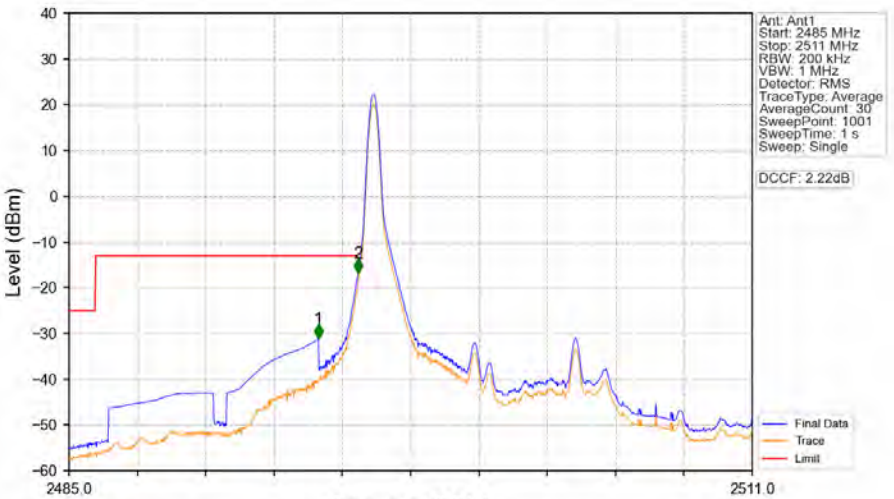
5.2 B41_10MHz

5.2.1 Test Result

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

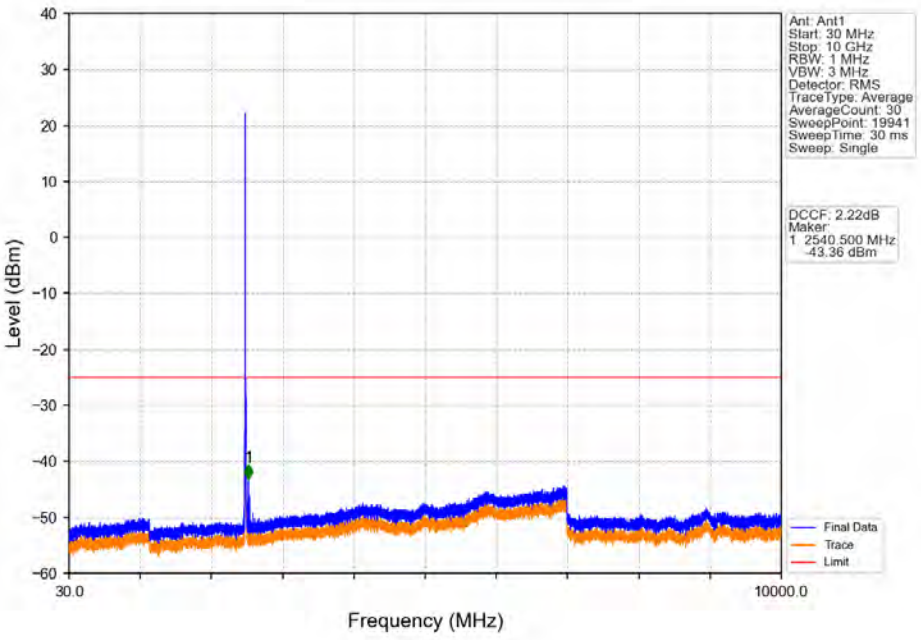
5.2.2 Test Graph

Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

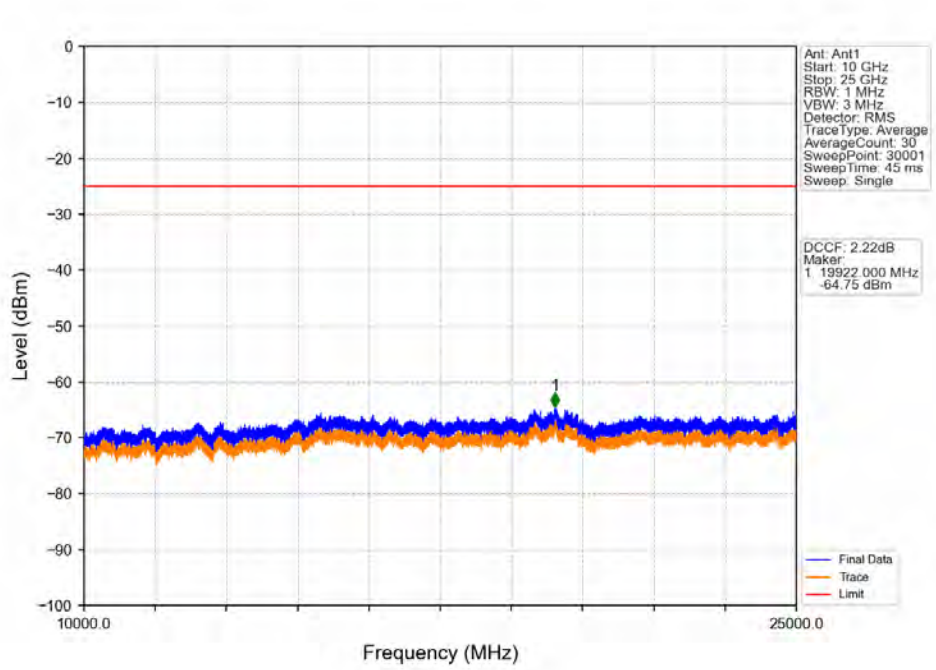


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.490	-31.10	-13	Pass
2495	2496	0.2	/	2	2495.998	-16.86	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

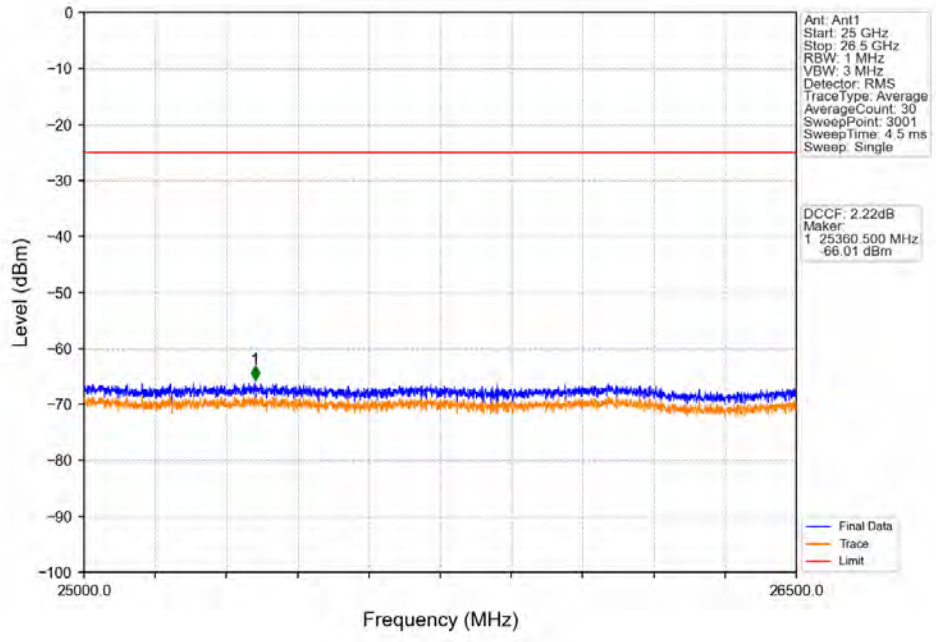
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



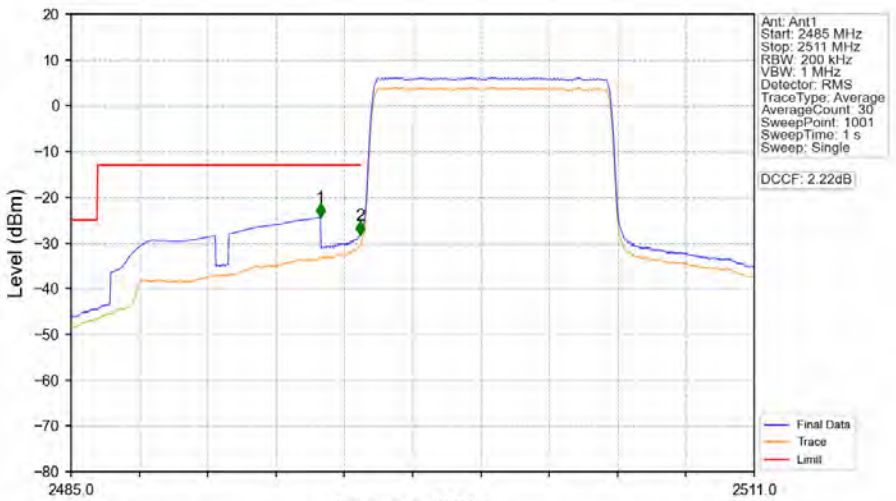
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

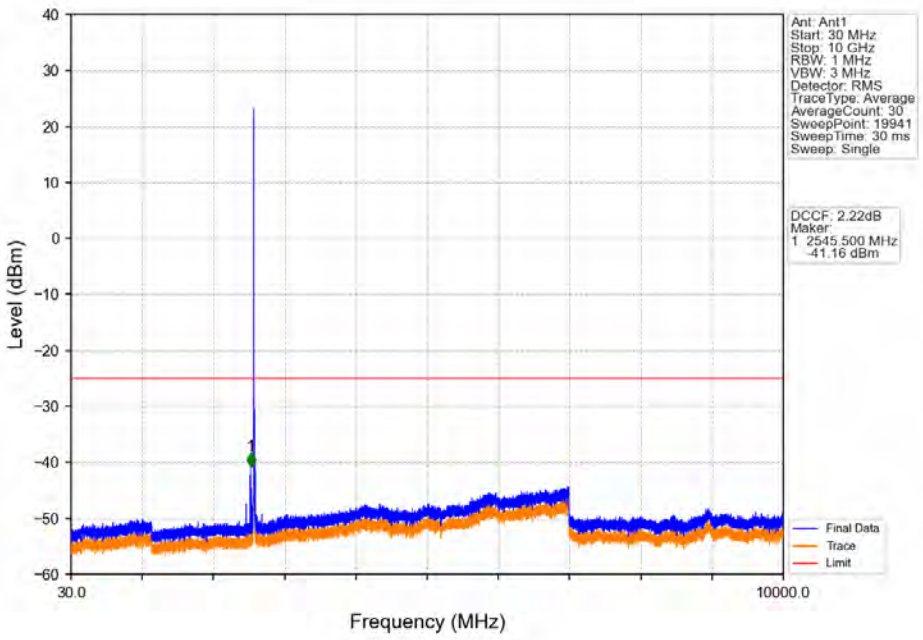


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

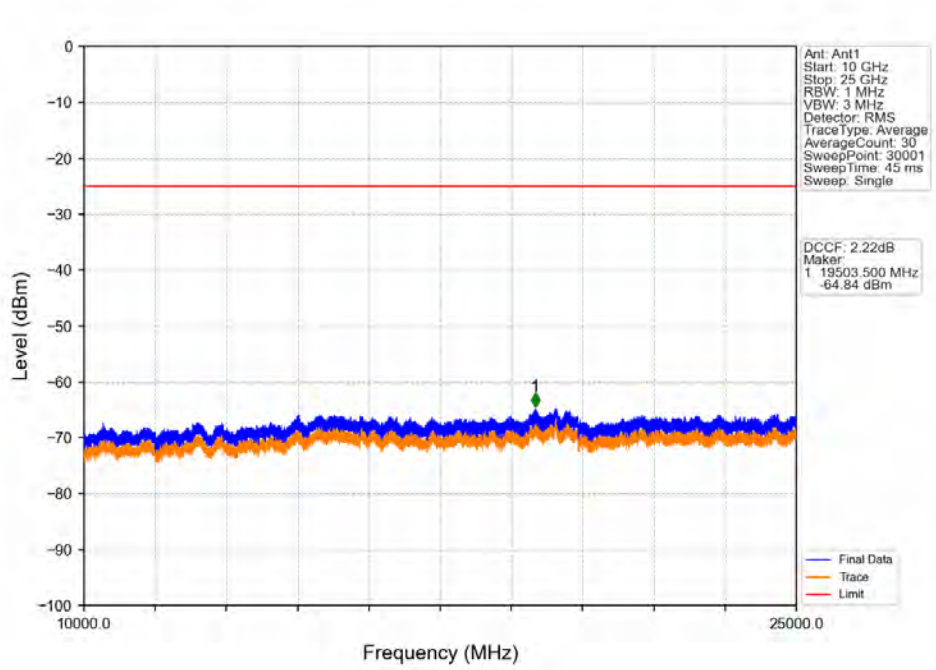


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.490	-24.52	-13	Pass
2495	2496	0.2	/	2	2495.998	-28.33	-13	Pass
2496	2511	0.213	/	/	/	/	/	/

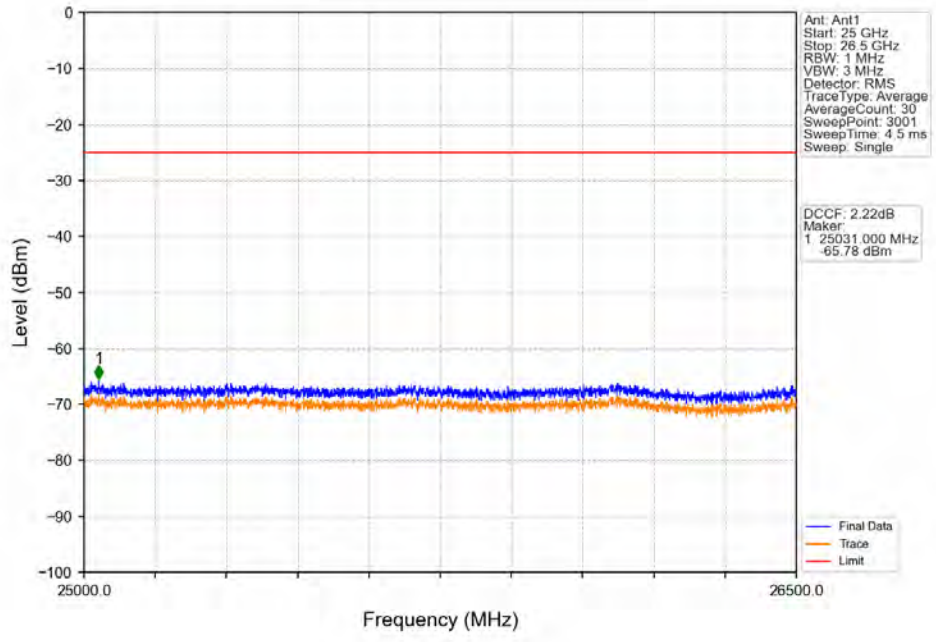
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



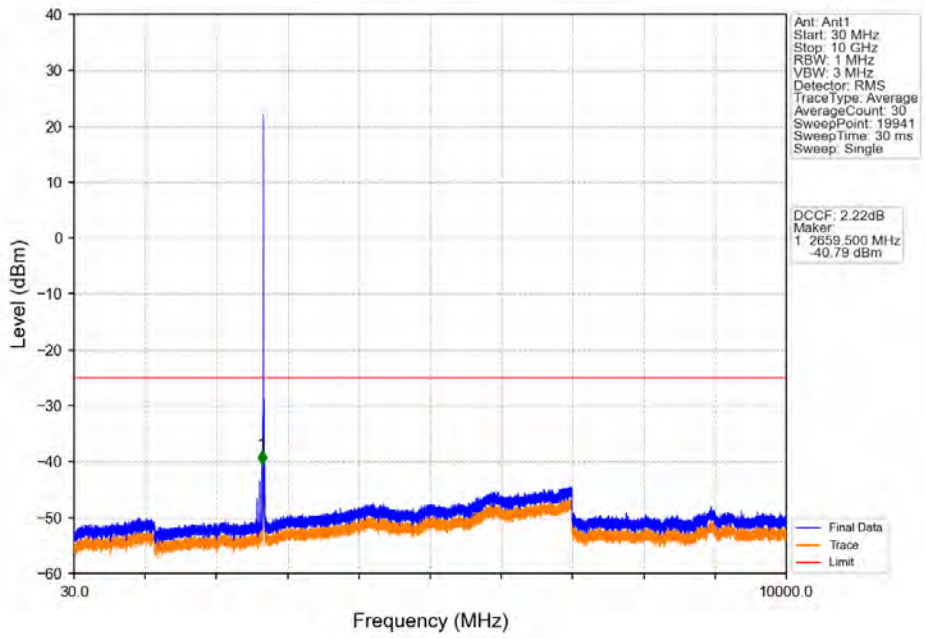
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



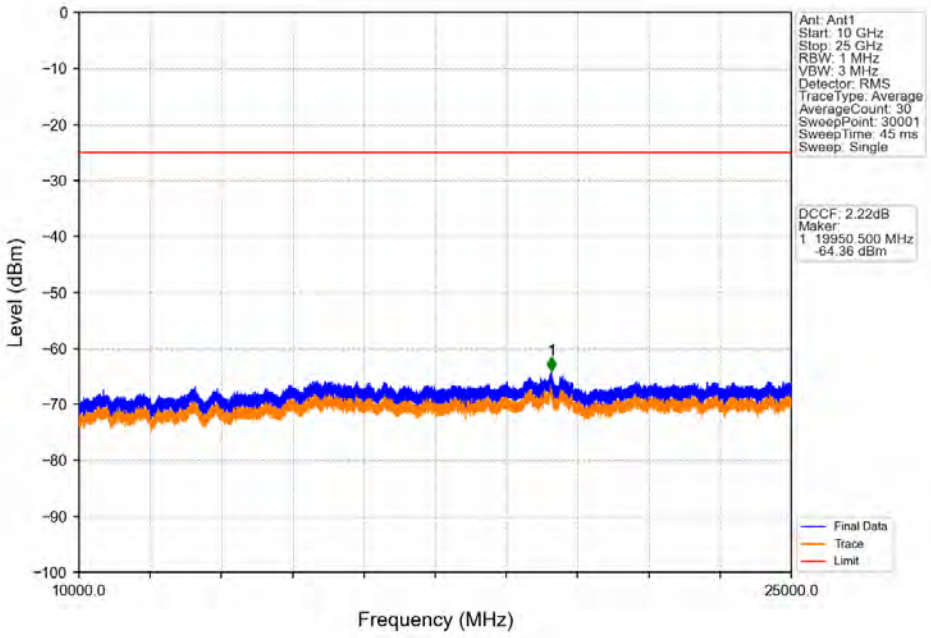
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



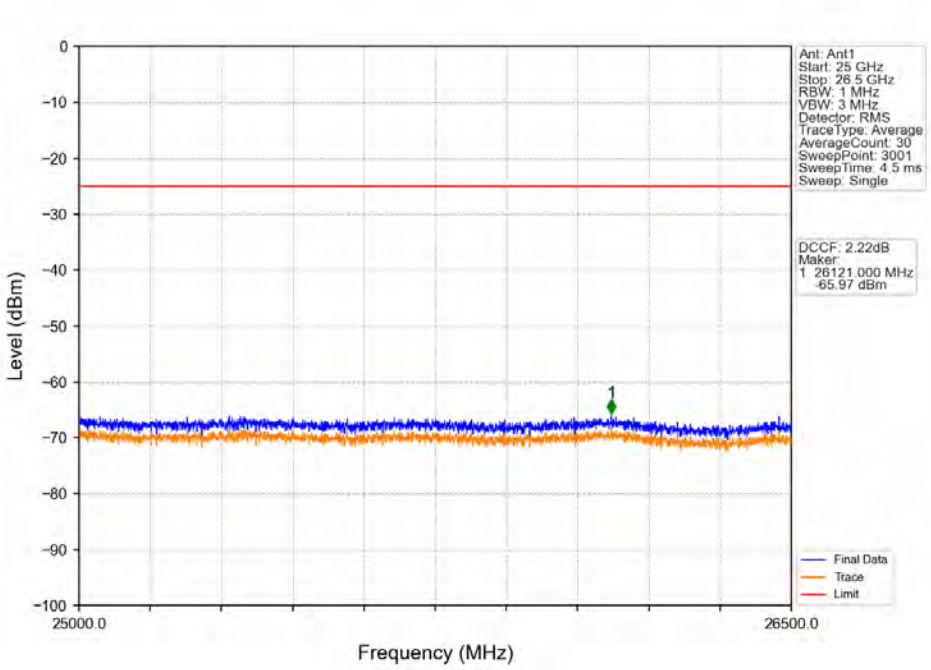
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



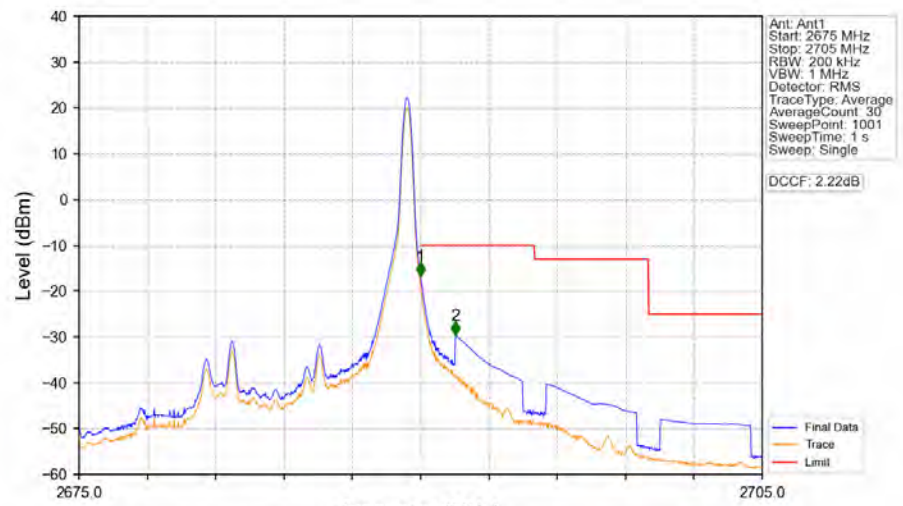
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

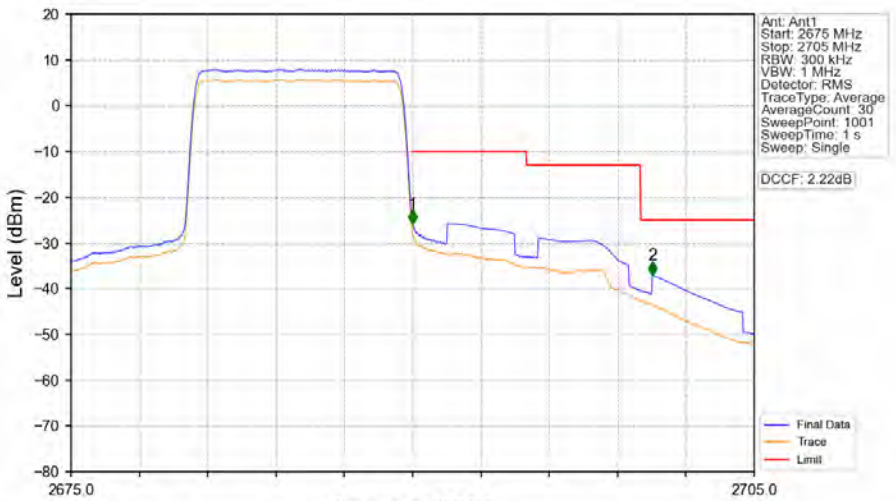


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	/	/	/	/	/	/
2690	2691	0.2	/	1	2690.000	-16.83	-10	Pass
2691	2705	1	CHP	2	2691.530	-29.61	-10	Pass

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.3	/	/	/	/	/	/
2690	2691	0.3	/	1	2690.000	-25.90	-10	Pass
2691	2705	1	CHP	2	2700.530	-37.05	-25	Pass

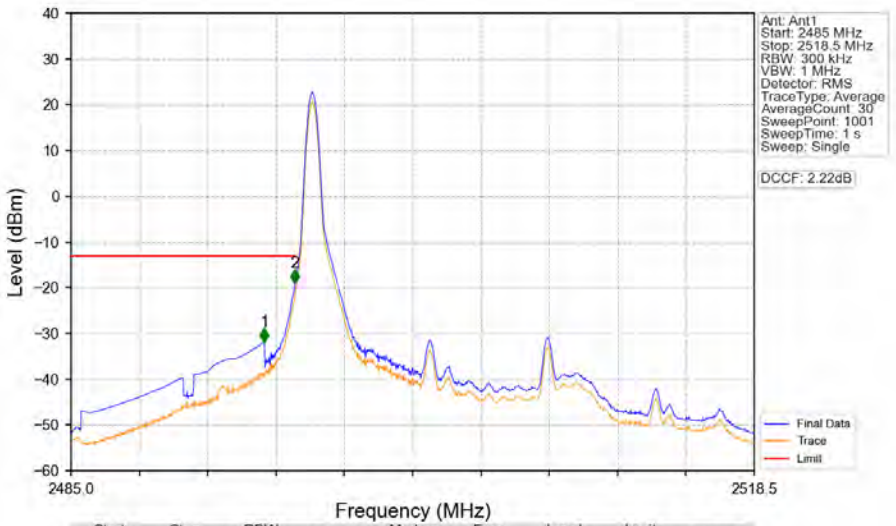
5.3 B41_15MHz

5.3.1 Test Result

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

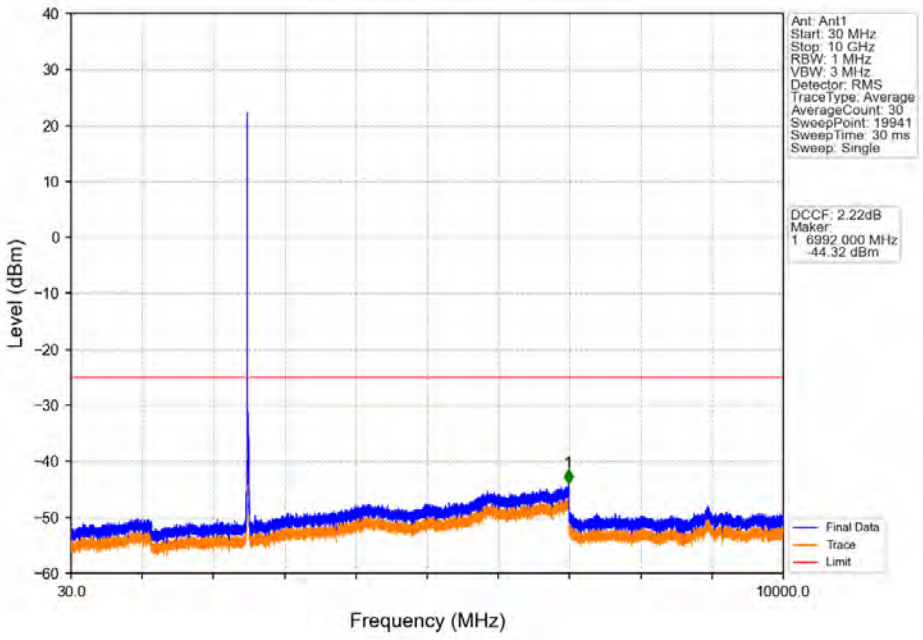
5.3.2 Test Graph

Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

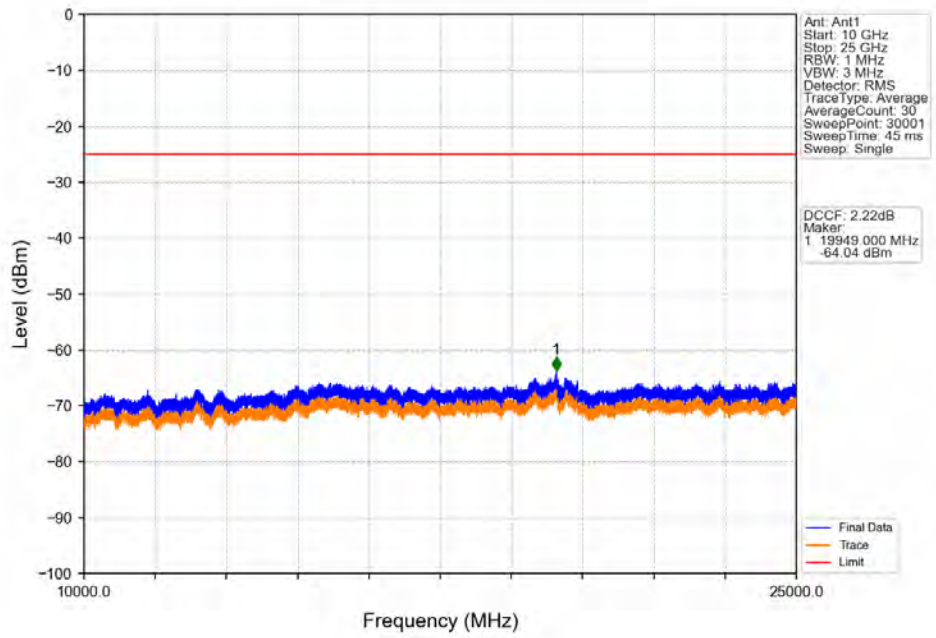


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.481	-31.89	-13	Pass
2495	2496	0.3	/	2	2495.988	-19.02	-13	Pass
2496	2518.5	0.3	/	/	/	/	/	/

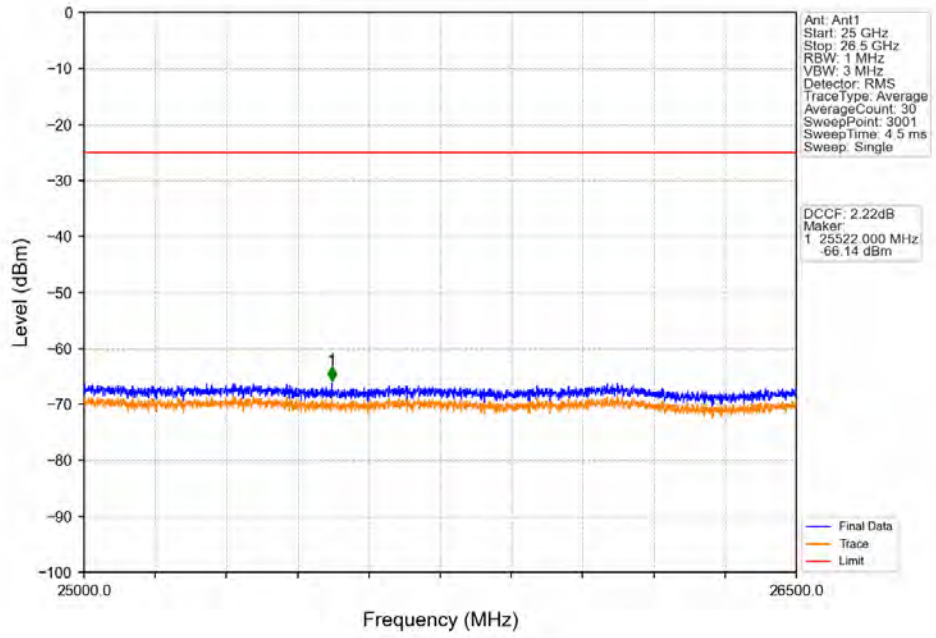
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



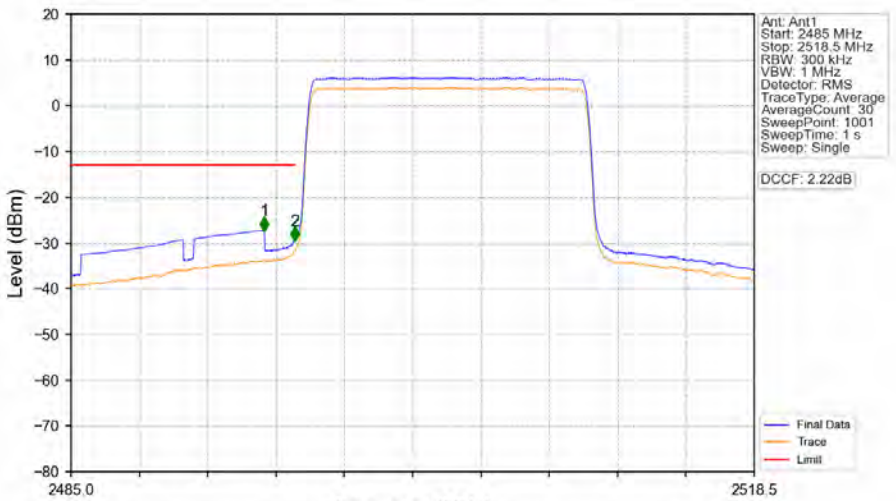
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

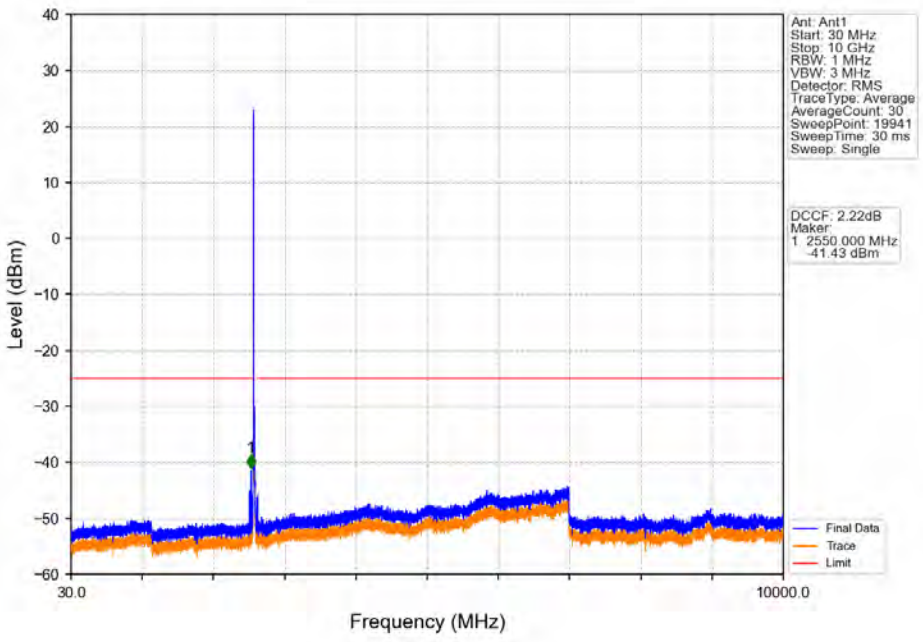


Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV

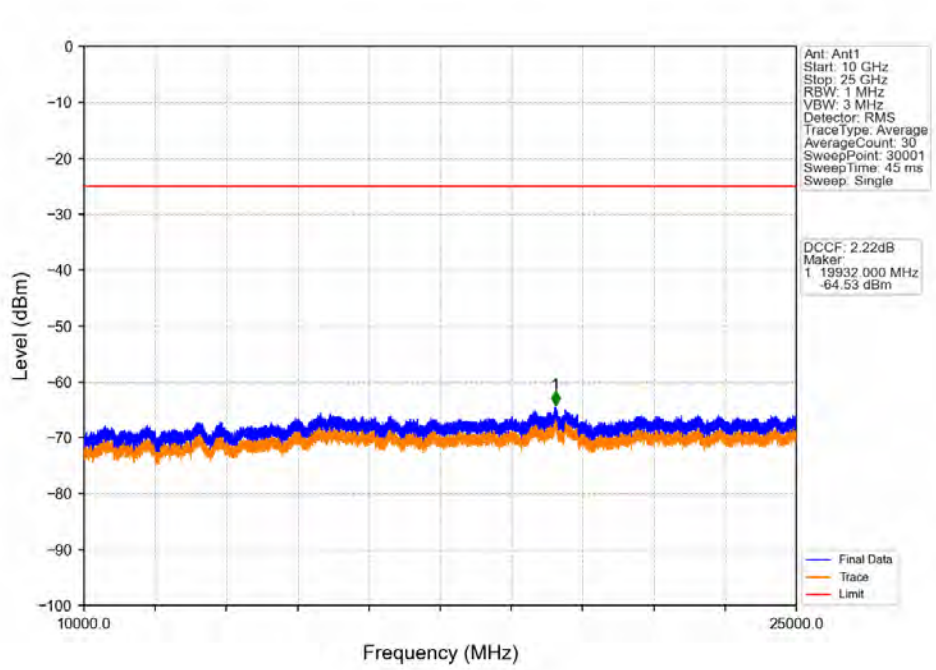


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.481	-27.35	-13	Pass
2495	2496	0.3	/	2	2495.988	-29.52	-13	Pass
2496	2518.5	0.3	/	/	/	/	/	/

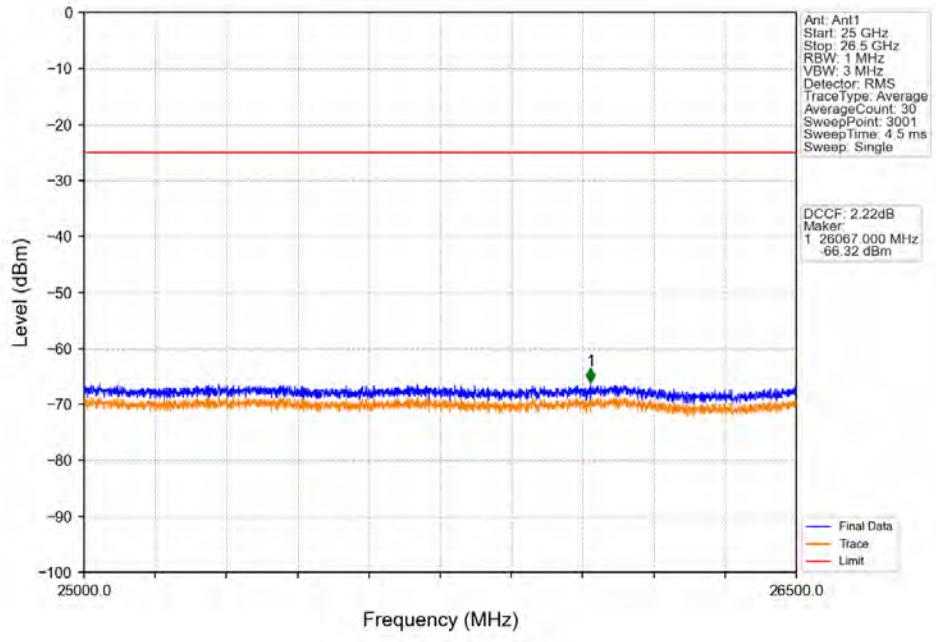
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



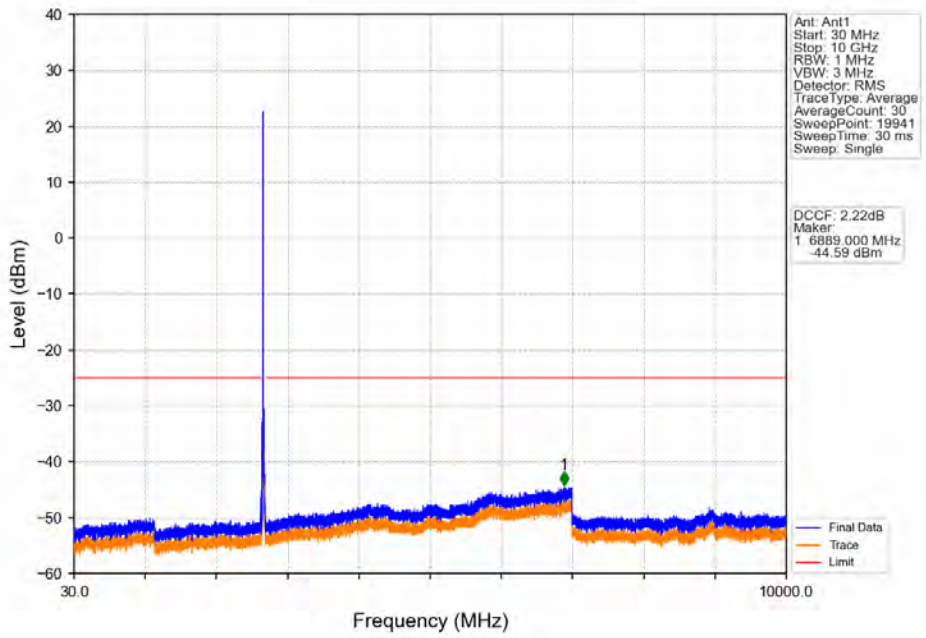
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



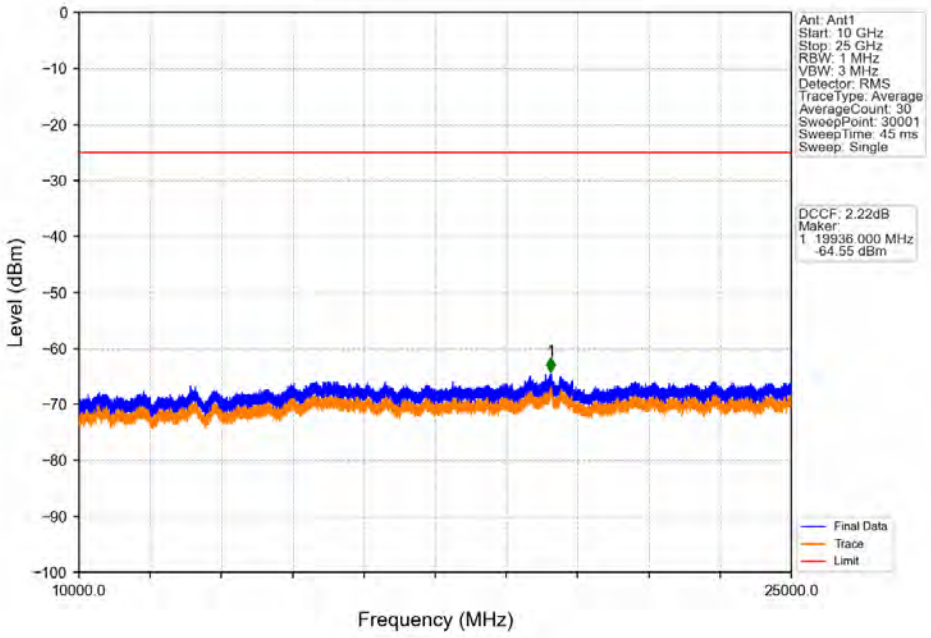
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



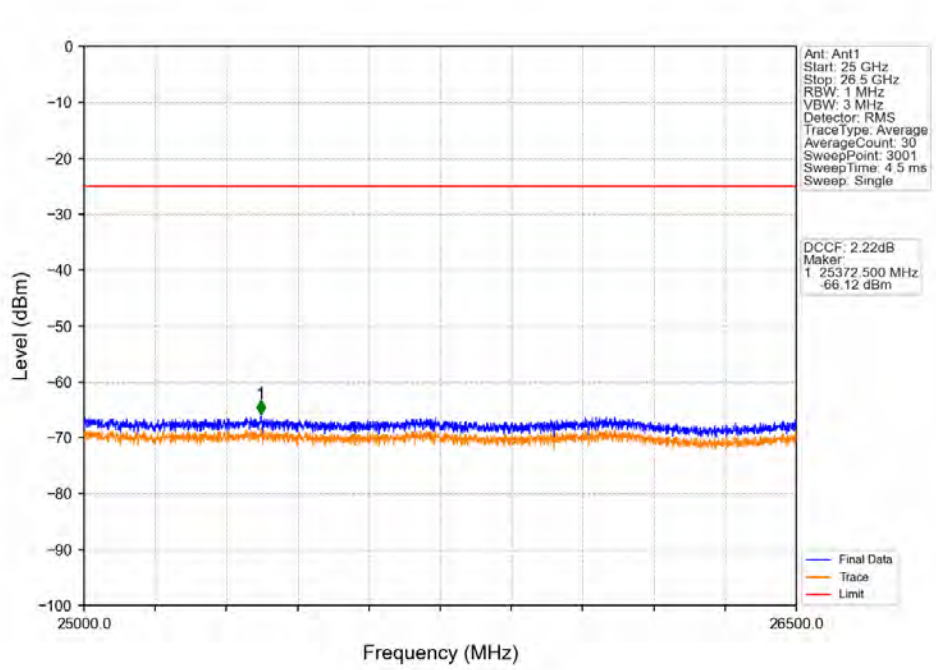
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



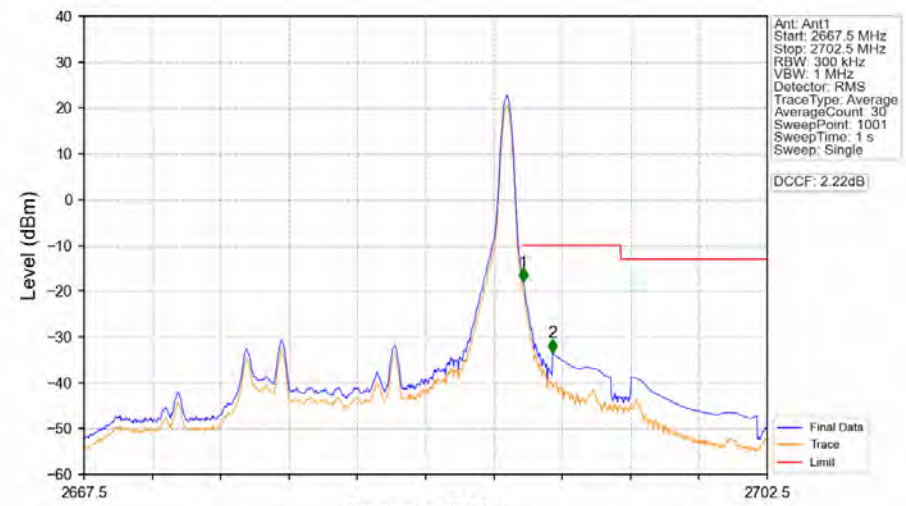
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

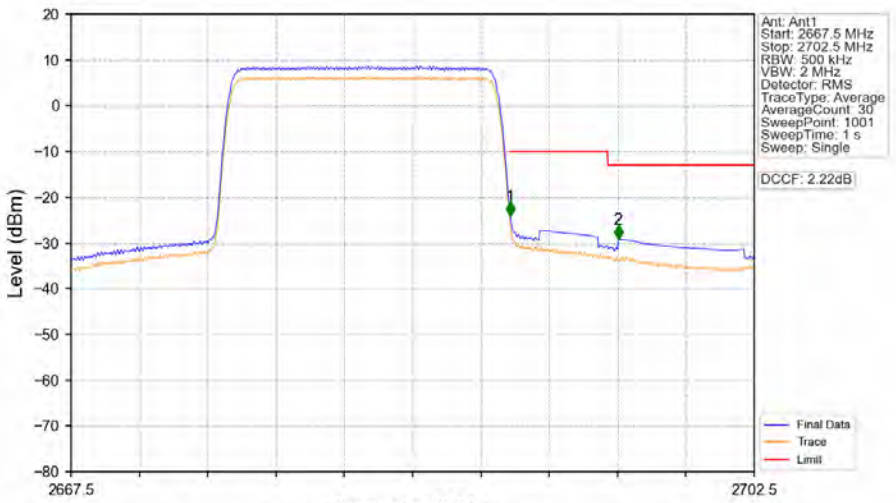


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	/	/	/	/	/	/
2690	2691	0.3	/	1	2690.005	-18.01	-10	Pass
2691	2702.5	1	CHP	2	2691.510	-33.46	-10	Pass

Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.5	/	/	/	/	/	/
2690	2691	0.5	/	1	2690.005	-24.14	-10	Pass
2691	2702.5	1	CHP	2	2695.535	-29.26	-13	Pass

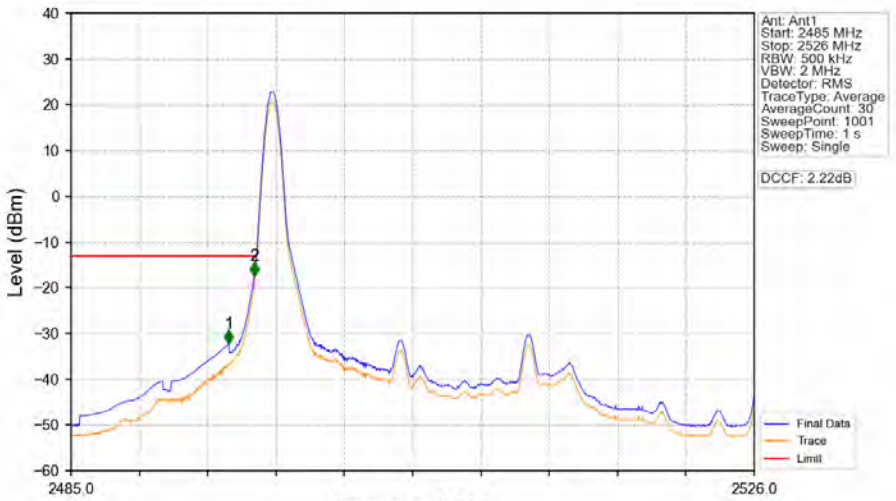
5.4 B41_20MHz

5.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV						
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

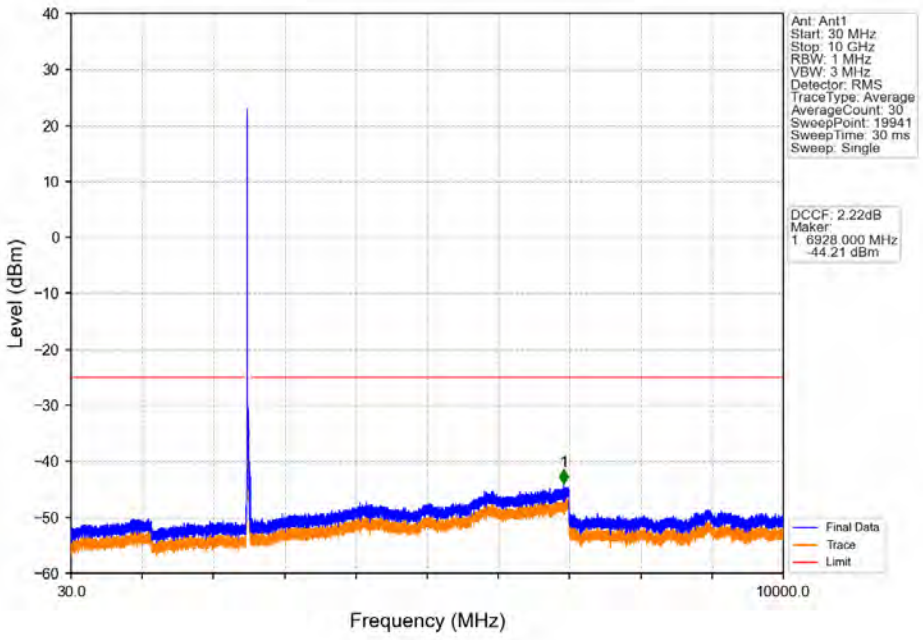
5.4.2 Test Graph

Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

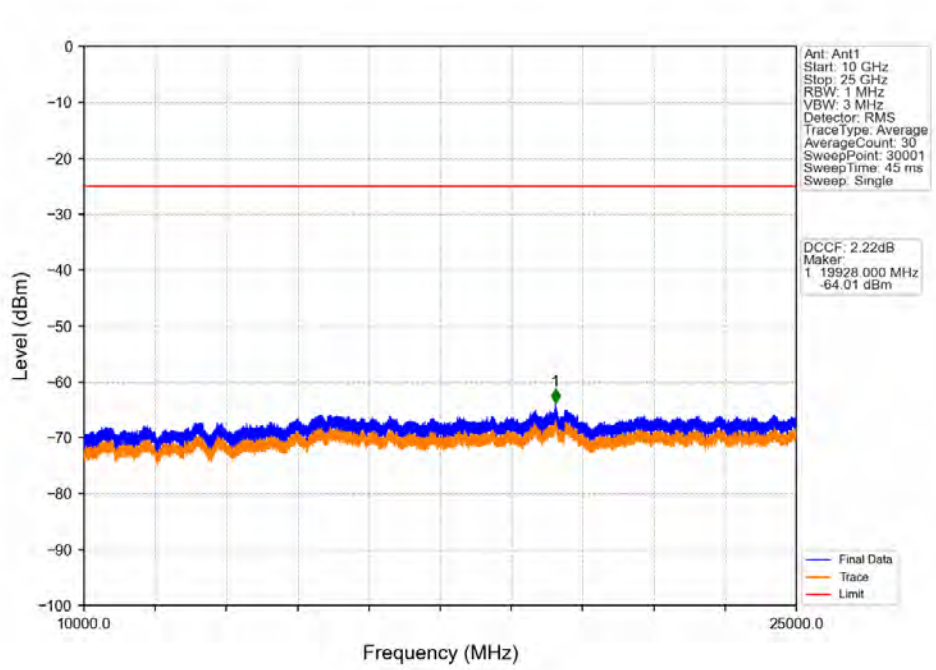


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.471	-32.25	-13	Pass
2495	2496	0.5	/	2	2495.988	-17.40	-13	Pass
2496	2526	0.5	/	/	/	/	/	/

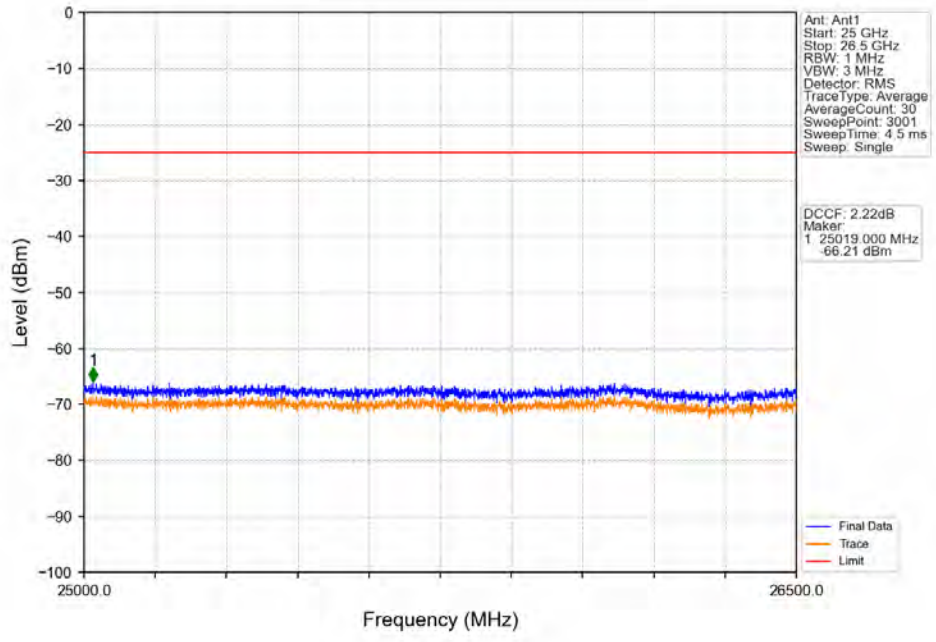
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



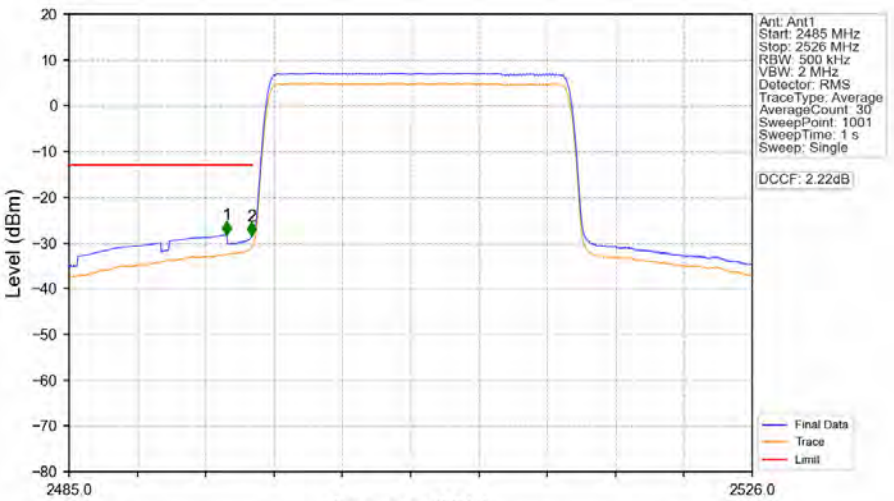
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

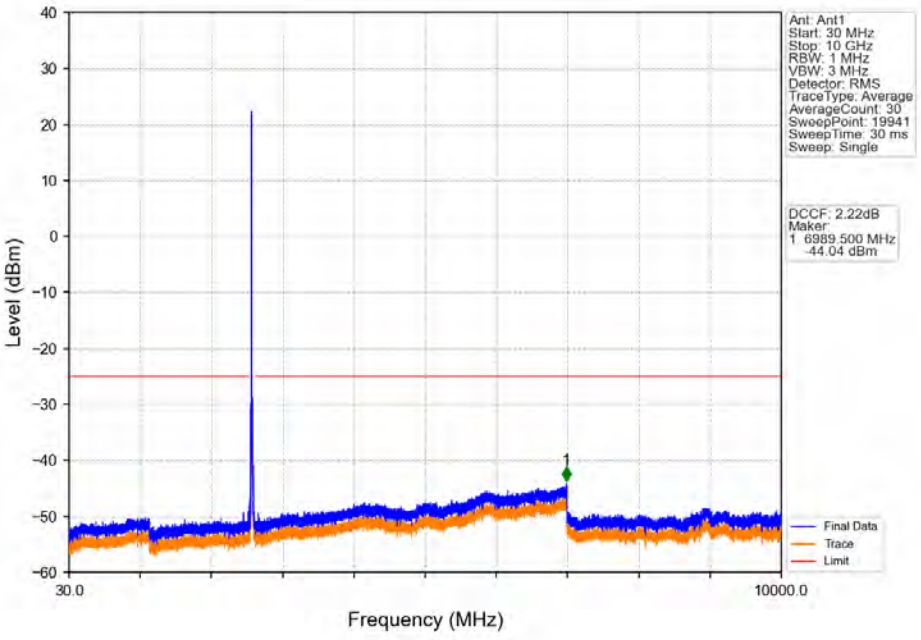


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

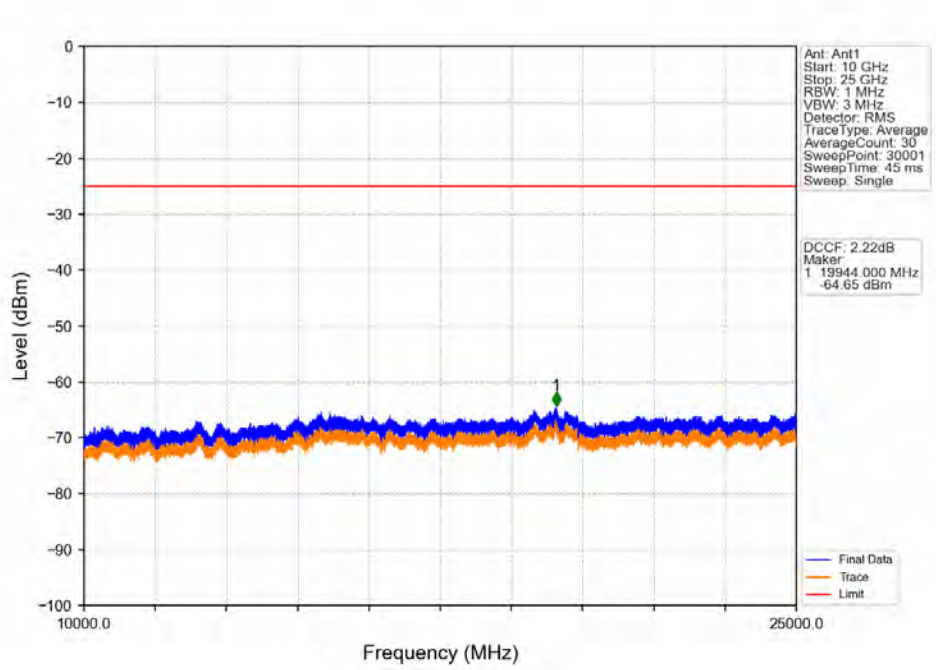


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.471	-28.26	-13	Pass
2495	2496	0.5	/	2	2495.947	-28.50	-13	Pass
2496	2526	0.5	/	/	/	/	/	/

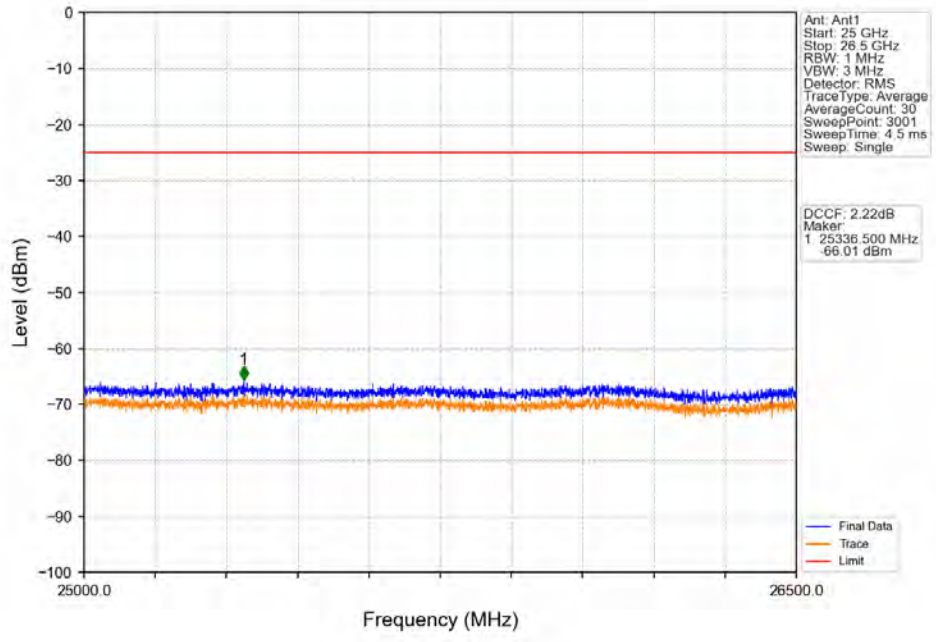
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



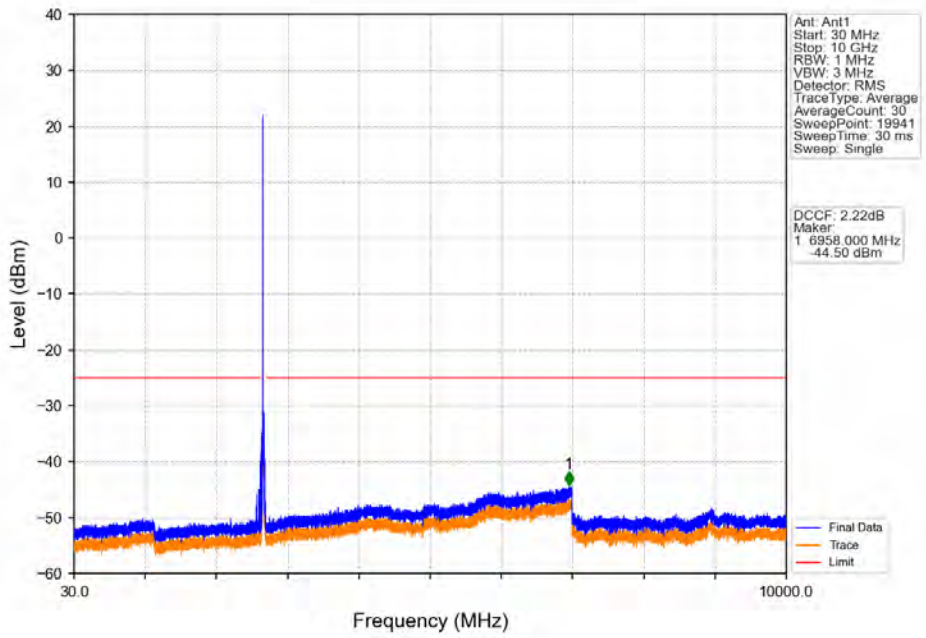
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



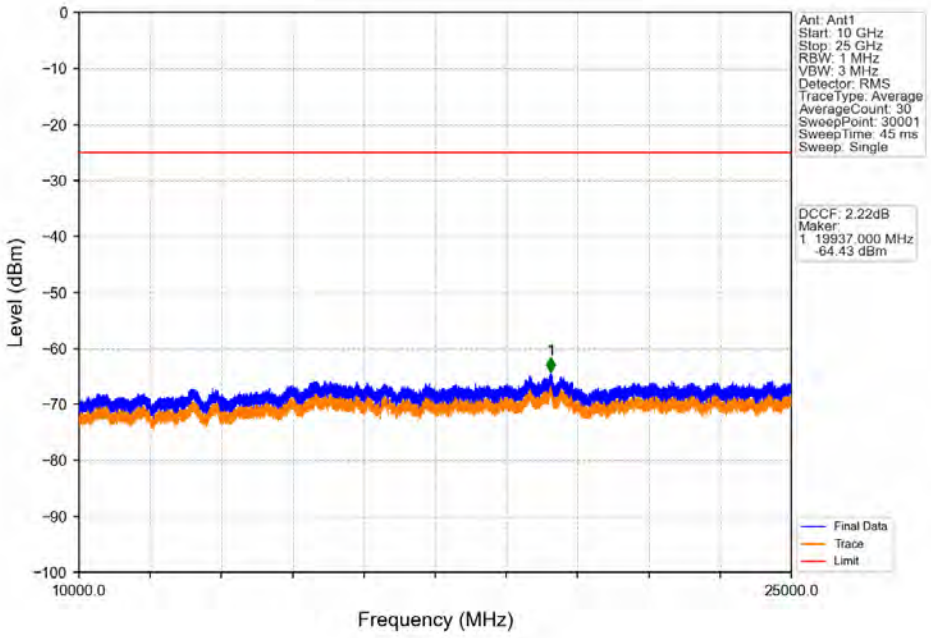
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



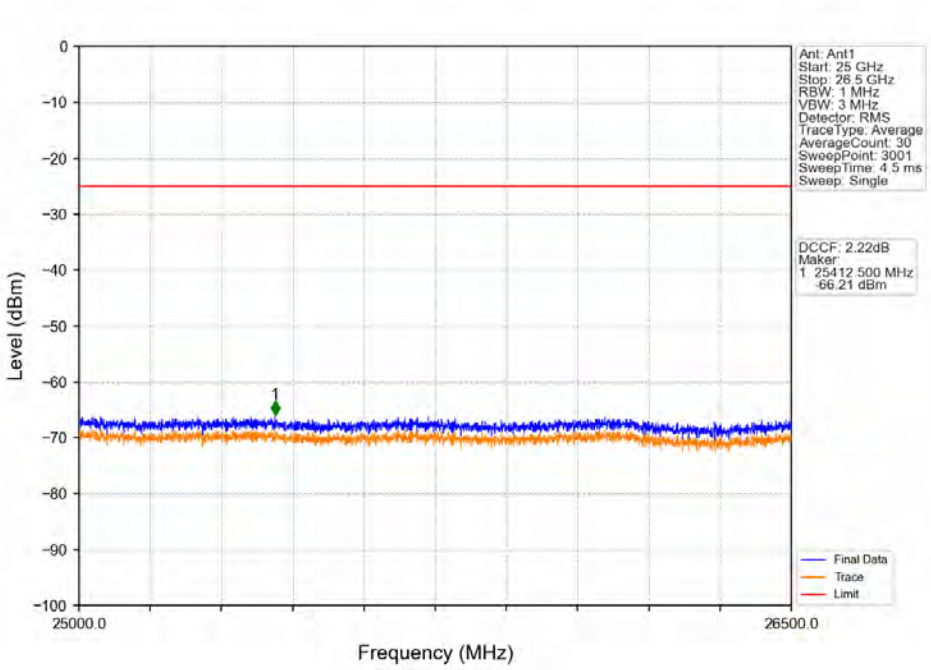
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



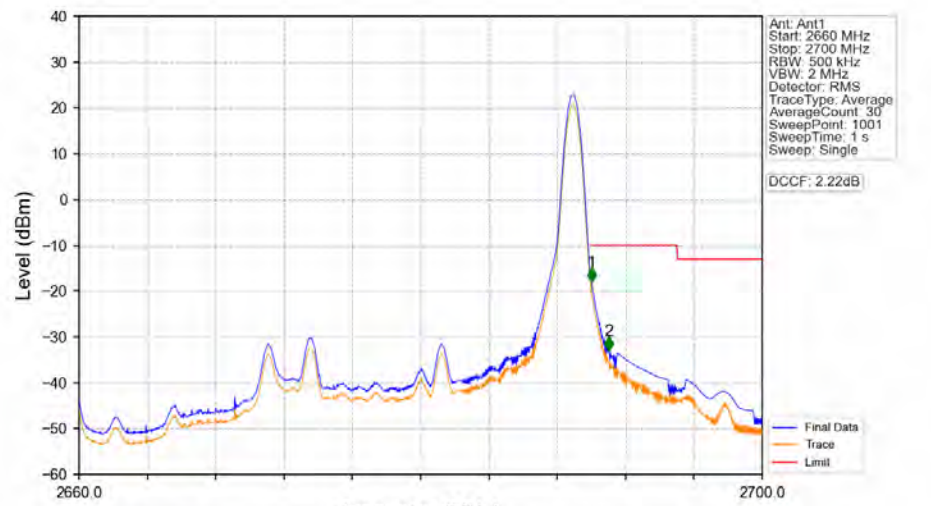
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

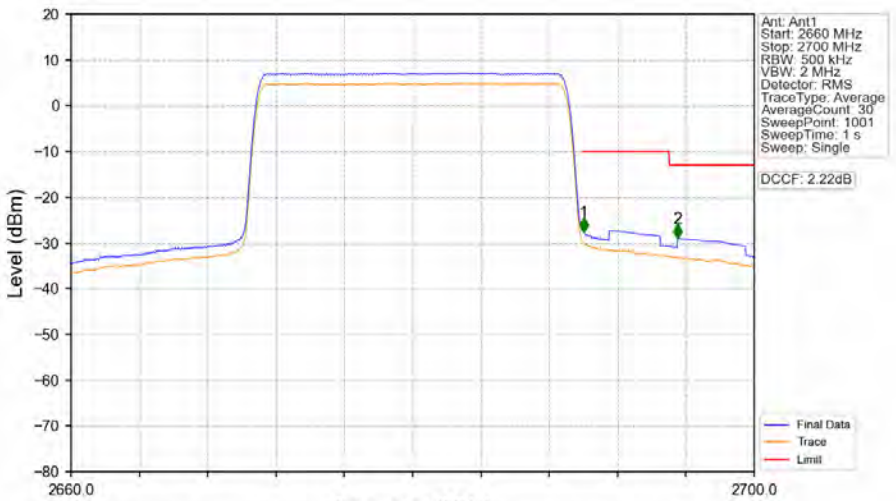


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.5	/	/	/	/	/	/
2690	2691	0.5	/	1	2690.000	-18.02	-10	Pass
2691	2700	1	CHP	2	2691.040	-33.04	-10	Pass

Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.5	/	/	/	/	/	/
2690	2691	0.5	/	1	2690.000	-27.60	-10	Pass
2691	2700	1	CHP	2	2695.520	-29.03	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 41 ANT13-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**
5082.0	-63.18	-25	-38.18	-68.77	4.6	10.19	Horizontal	Pass
7623.0	-60.44	-25	-35.44	-67.38	4.95	11.89	Horizontal	Pass
10164.0	-51.23	-25	-26.23	-58.8	5.49	13.06	Horizontal	Pass
5082.0	-63.27	-25	-38.27	-68.86	4.6	10.19	Vertical	Pass
7623.0	-60.56	-25	-35.56	-67.5	4.95	11.89	Vertical	Pass
10164.0	-56.01	-25	-31.01	-63.58	5.49	13.06	Vertical	Pass

LTE Band 41 ANT13-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	-61.64	-25	-36.64	-67.26	4.62	10.24	Horizontal	Pass
7752.0	-59.22	-25	-34.22	-66.3	4.96	12.04	Horizontal	Pass
10336.0	-53.46	-25	-28.46	-61.04	5.51	13.09	Horizontal	Pass
5168.0	-60.36	-25	-35.36	-65.98	4.62	10.24	Vertical	Pass
7752.0	-58.4	-25	-33.4	-65.48	4.96	12.04	Vertical	Pass
10336.0	-56.07	-25	-31.07	-63.65	5.51	13.09	Vertical	Pass

LTE Band 41 ANT13-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**
5262.0	-62.86	-25	-37.86	-68.51	4.65	10.3	Horizontal	Pass
7893.0	-58.99	-25	-33.99	-66.22	4.97	12.2	Horizontal	Pass
10524.0	-55.21	-25	-30.21	-62.79	5.55	13.13	Horizontal	Pass
5262.0	-62.34	-25	-37.34	-67.99	4.65	10.3	Vertical	Pass
7893.0	-58.86	-25	-33.86	-66.09	4.97	12.2	Vertical	Pass
10524.0	-56.09	-25	-31.09	-63.67	5.55	13.13	Vertical	Pass

1) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---