1. Duty Cycle

1.1 Test Result

1.1.1 Single_Ant1

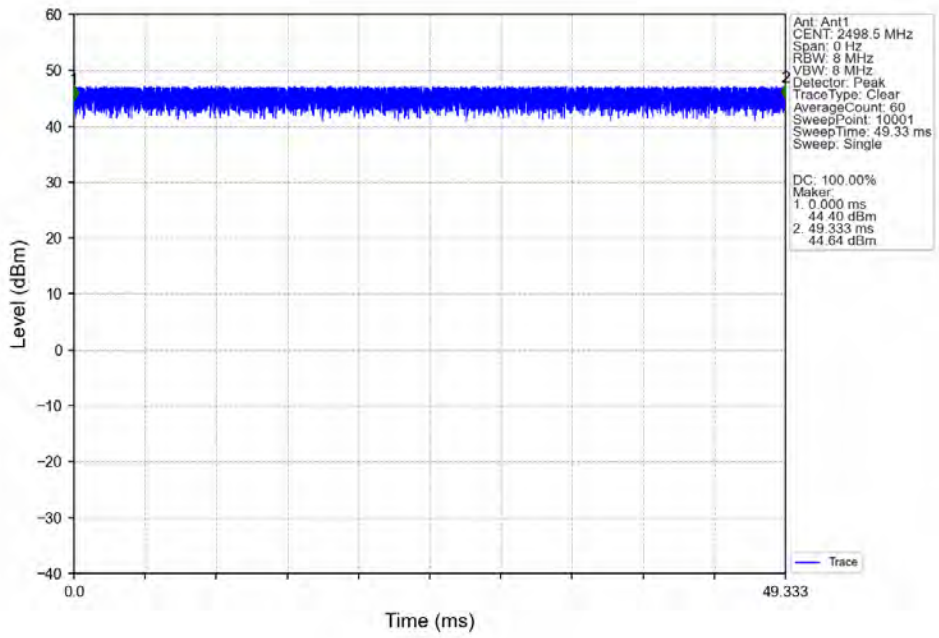
Band 41 Single NTNV Ant1							
BW (MHz)	DL Frequency (MHz)	Test Mode	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
CC1:5	CC1:2498.5	QPSK	49.333	49.333	100.00	0.00	0.00
		16QAM	49.333	49.333	100.00	0.00	0.00
		64QAM	49.333	49.333	100.00	0.00	0.00
		256QAM	49.333	49.333	100.00	0.00	0.00
	CC1:2593	QPSK	49.333	49.333	100.00	0.00	0.00
		16QAM	49.333	49.333	100.00	0.00	0.00
		64QAM	49.333	49.333	100.00	0.00	0.00
		256QAM	49.333	49.333	100.00	0.00	0.00
	CC1:2687.5	QPSK	49.333	49.333	100.00	0.00	0.00
		16QAM	49.333	49.333	100.00	0.00	0.00
		64QAM	49.333	49.333	100.00	0.00	0.00
		256QAM	49.333	49.333	100.00	0.00	0.00
CC1:10	CC1:2501	QPSK	49.333	49.333	100.00	0.00	0.00
		16QAM	49.333	49.333	100.00	0.00	0.00
		64QAM	49.333	49.333	100.00	0.00	0.00
		256QAM	49.333	49.333	100.00	0.00	0.00
	CC1:2593	QPSK	49.333	49.333	100.00	0.00	0.00
		16QAM	49.333	49.333	100.00	0.00	0.00
		64QAM	49.333	49.333	100.00	0.00	0.00
		256QAM	49.333	49.333	100.00	0.00	0.00
	CC1:2685	QPSK	49.333	49.333	100.00	0.00	0.00
		16QAM	49.333	49.333	100.00	0.00	0.00
		64QAM	49.333	49.333	100.00	0.00	0.00
		256QAM	49.333	49.333	100.00	0.00	0.00
CC1:15	CC1:2503.5	QPSK	49.333	49.333	100.00	0.00	0.00
		16QAM	49.333	49.333	100.00	0.00	0.00
		64QAM	49.333	49.333	100.00	0.00	0.00
		256QAM	49.333	49.333	100.00	0.00	0.00
	CC1:2593	QPSK	49.333	49.333	100.00	0.00	0.00
		16QAM	49.333	49.333	100.00	0.00	0.00
		64QAM	49.333	49.333	100.00	0.00	0.00
		256QAM	49.333	49.333	100.00	0.00	0.00
	CC1:2682.5	QPSK	49.333	49.333	100.00	0.00	0.00
		16QAM	49.333	49.333	100.00	0.00	0.00
		64QAM	49.333	49.333	100.00	0.00	0.00
		256QAM	49.333	49.333	100.00	0.00	0.00
CC1:20	CC1:2506	QPSK	49.333	49.333	100.00	0.00	0.00
		16QAM	49.333	49.333	100.00	0.00	0.00
		64QAM	49.333	49.333	100.00	0.00	0.00
		256QAM	49.333	49.333	100.00	0.00	0.00
	CC1:2593	QPSK	49.333	49.333	100.00	0.00	0.00
		16QAM	49.333	49.333	100.00	0.00	0.00
		64QAM	49.333	49.333	100.00	0.00	0.00
		256QAM	49.333	49.333	100.00	0.00	0.00
	CC1:2680	QPSK	49.333	49.333	100.00	0.00	0.00
		16QAM	49.333	49.333	100.00	0.00	0.00
		64QAM	49.333	49.333	100.00	0.00	0.00

		256QAM	49.333	49.333	100.00	0.00	0.00

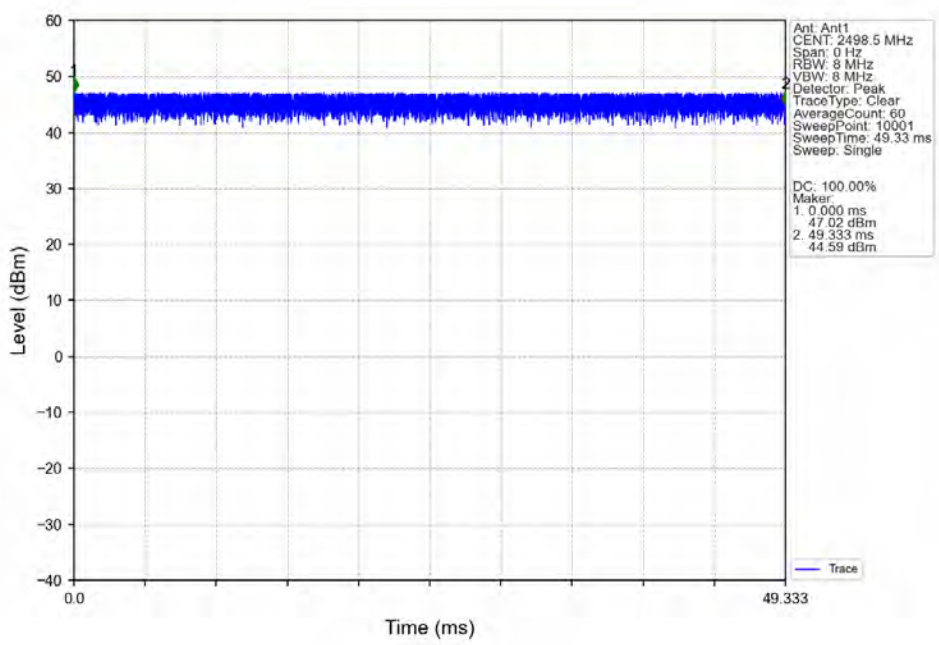
1.2 Test Graph

1.2.1 Single_Ant1

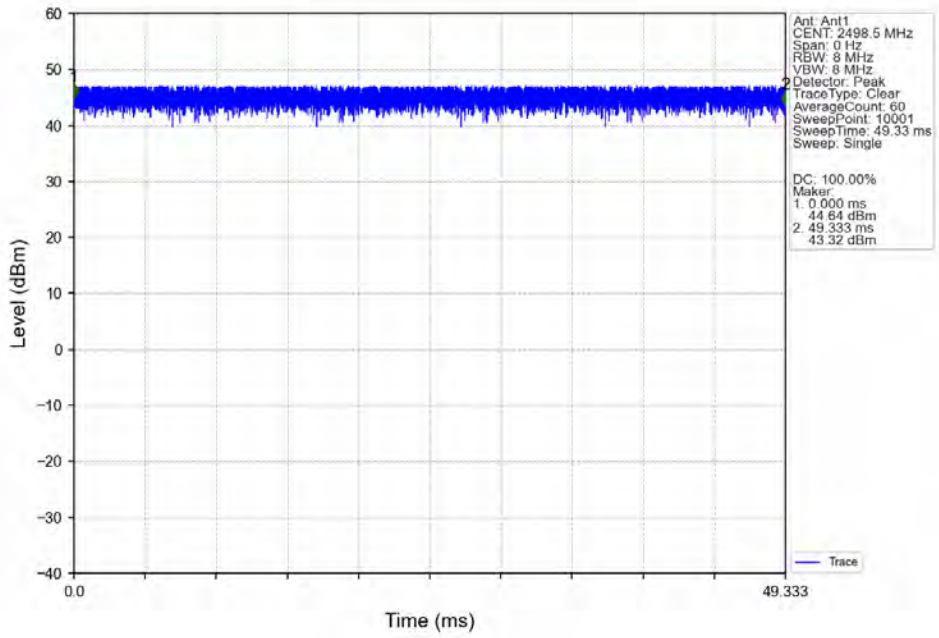
41_Single_NTNV_CC1:5MHz_QPSK_CC1:2498.5MHz_Ant1



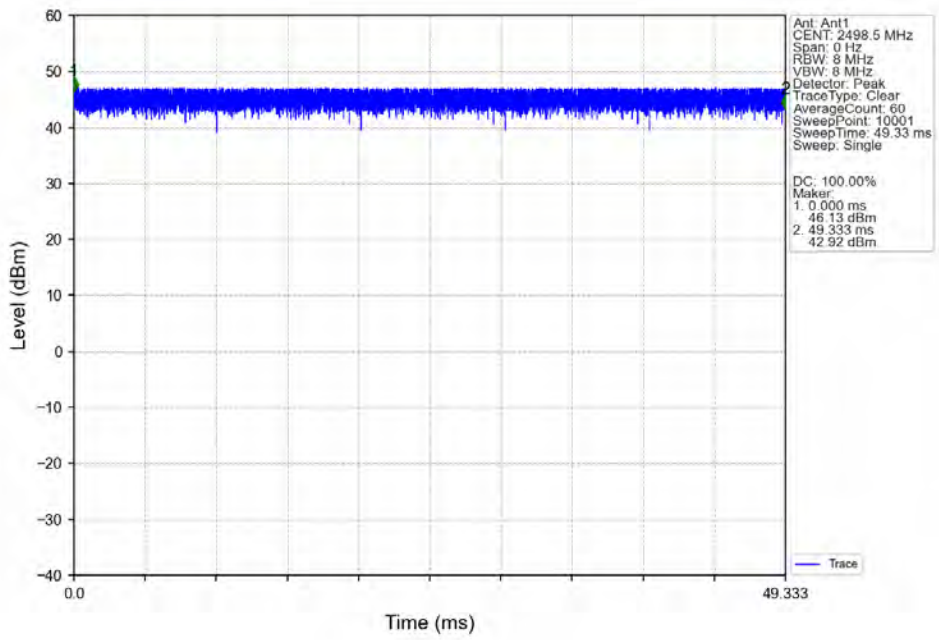
41_Single_NTNV_CC1:5MHz_16QAM_CC1:2498.5MHz_Ant1



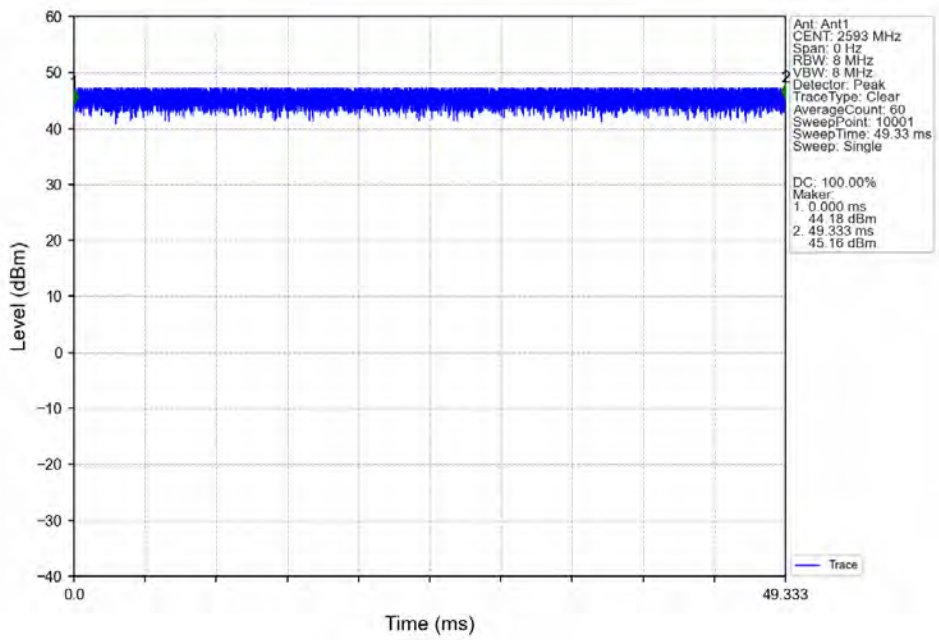
41_Single_NTNV_CC1:5MHz_64QAM_CC1:2498.5MHz_Ant1



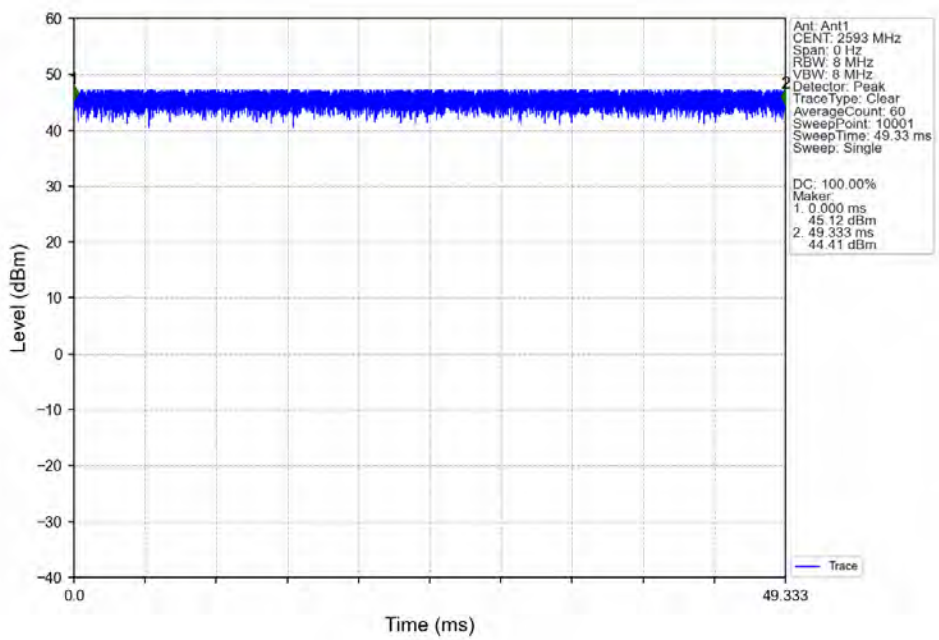
41_Single_NTNV_CC1:5MHz_256QAM_CC1:2498.5MHz_Ant1



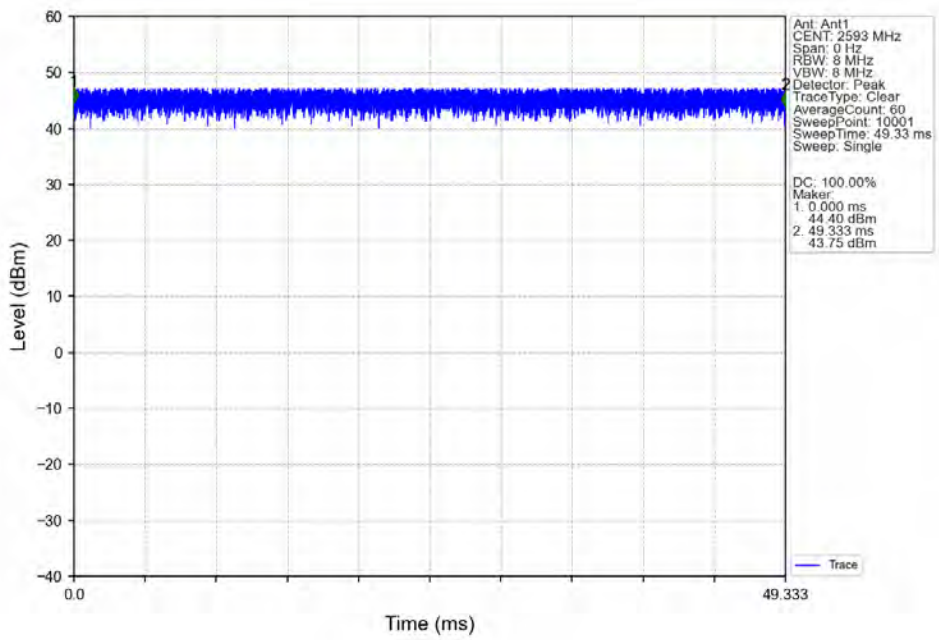
41_Single_NTNV_CC1:5MHz_QPSK_CC1:2593MHz_Ant1



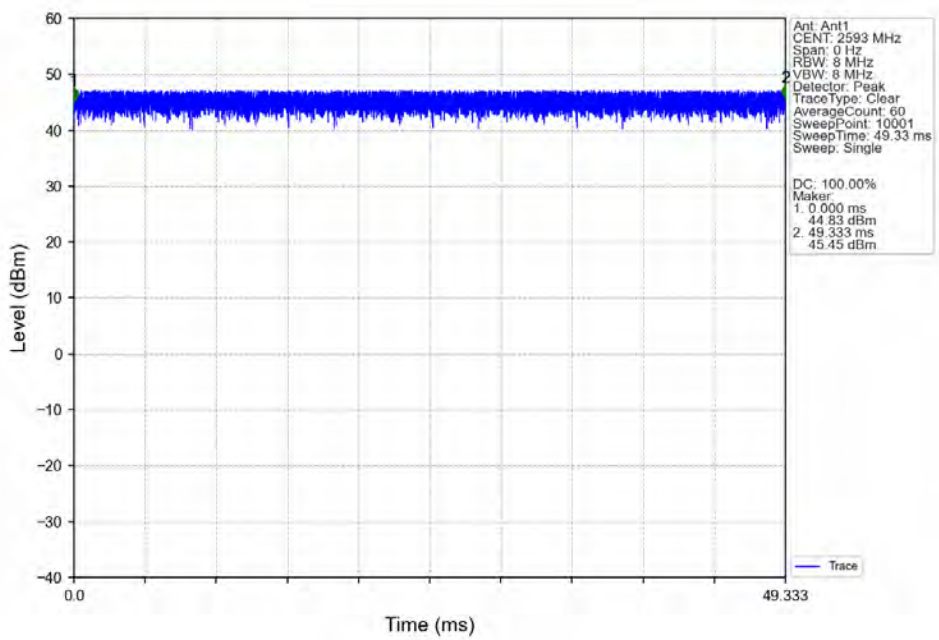
41_Single_NTNV_CC1:5MHz_16QAM_CC1:2593MHz_Ant1



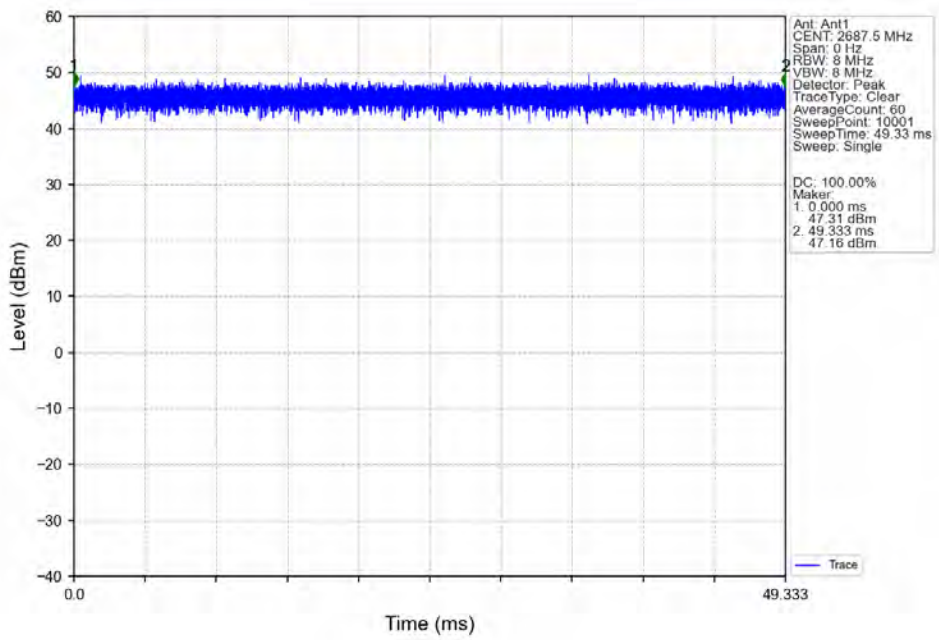
41_Single_NTNV_CC1:5MHz_64QAM_CC1:2593MHz_Ant1



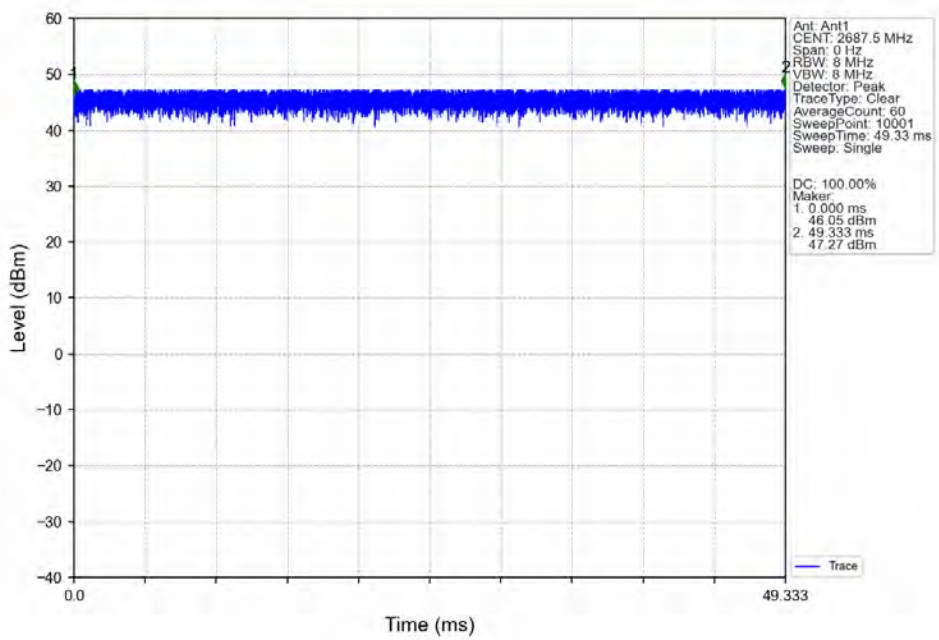
41_Single_NTNV_CC1:5MHz_256QAM_CC1:2593MHz_Ant1



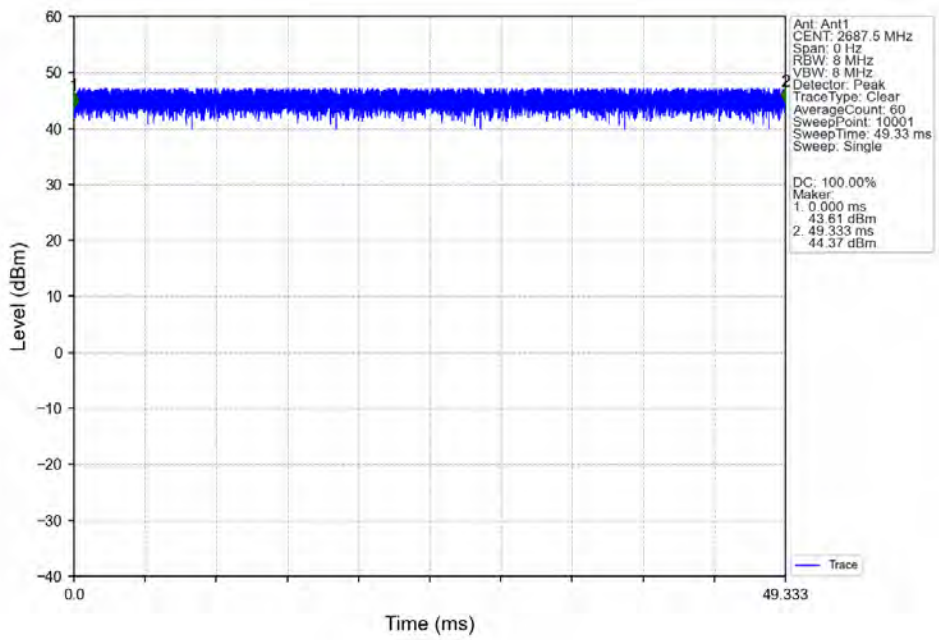
41_Single_NTNV_CC1:5MHz_QPSK_CC1:2687.5MHz_Ant1



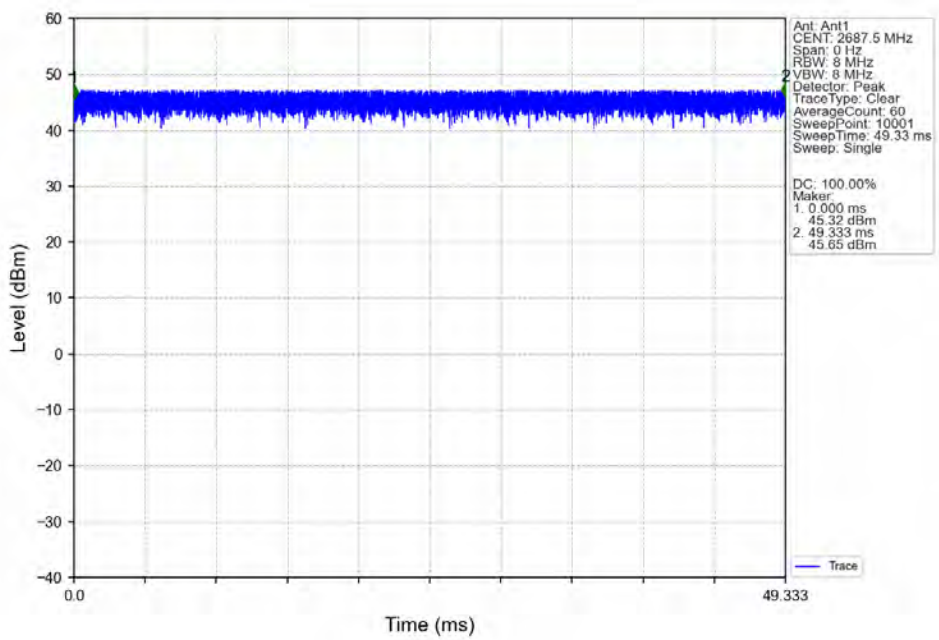
41_Single_NTNV_CC1:5MHz_16QAM_CC1:2687.5MHz_Ant1



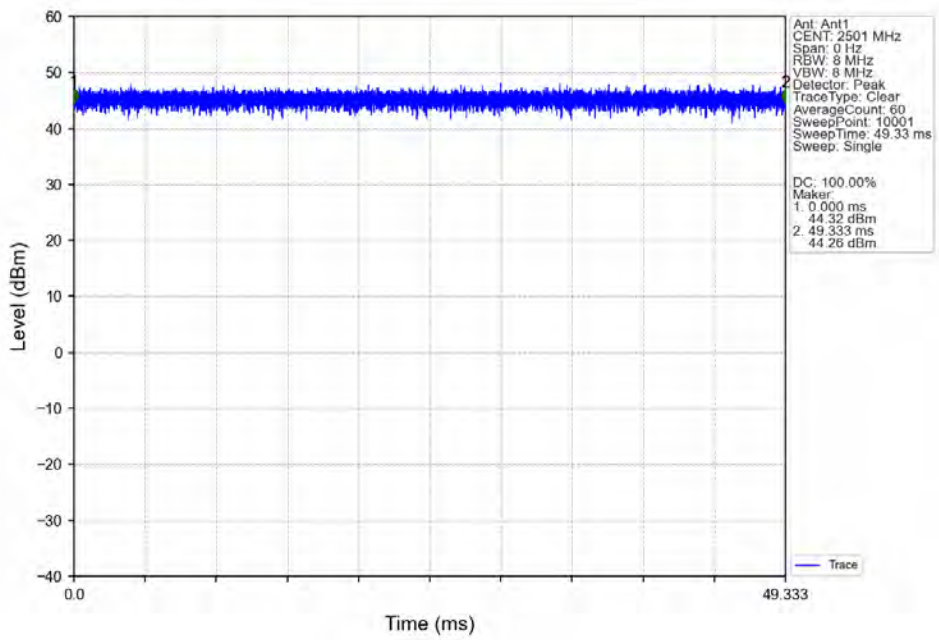
41_Single_NTNV_CC1:5MHz_64QAM_CC1:2687.5MHz_Ant1



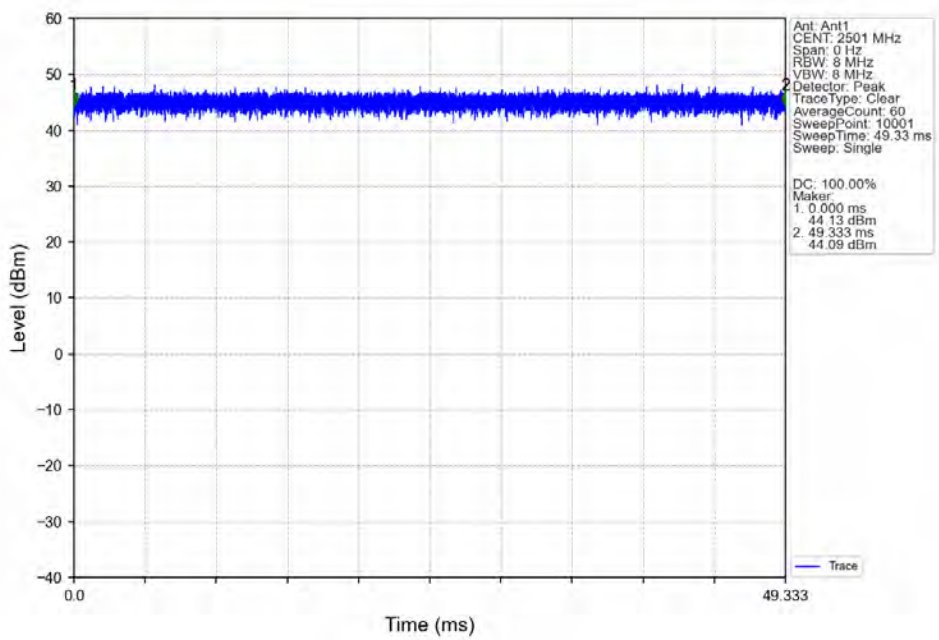
41_Single_NTNV_CC1:5MHz_256QAM_CC1:2687.5MHz_Ant1



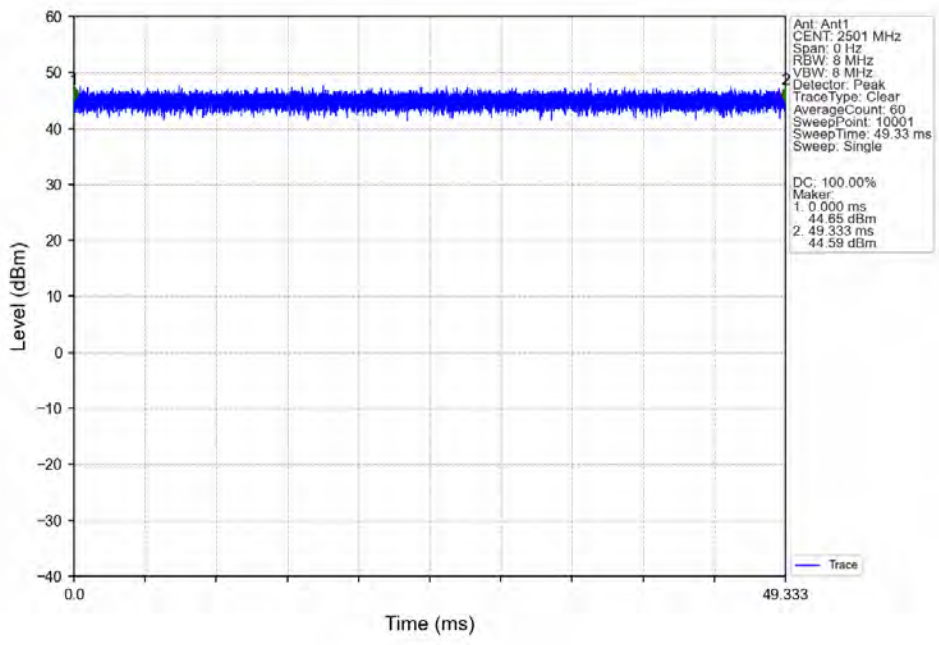
41_Single_NTNV_CC1:10MHz_QPSK_CC1:2501MHz_Ant1



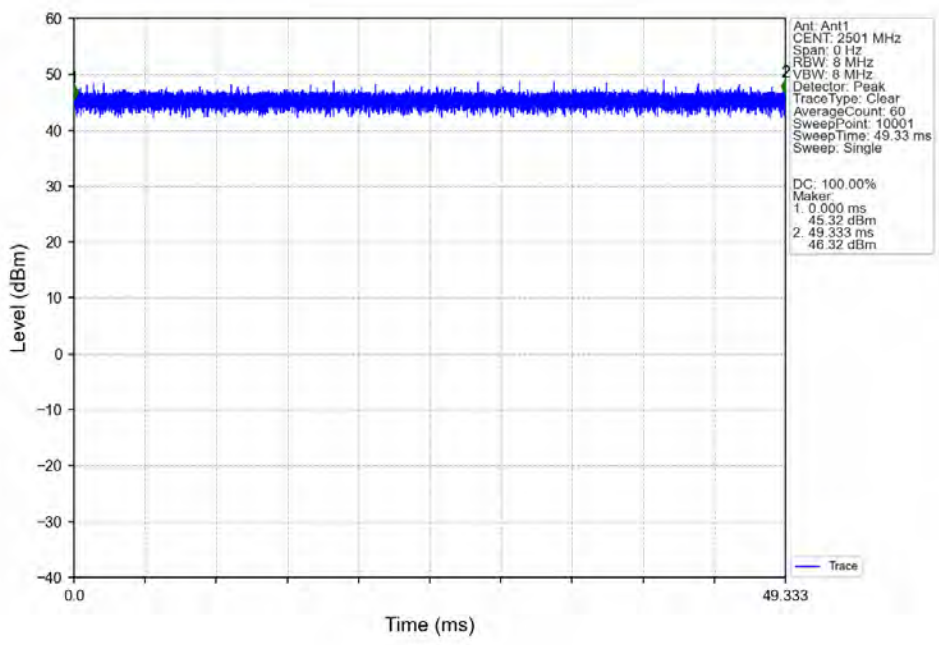
41_Single_NTNV_CC1:10MHz_16QAM_CC1:2501MHz_Ant1



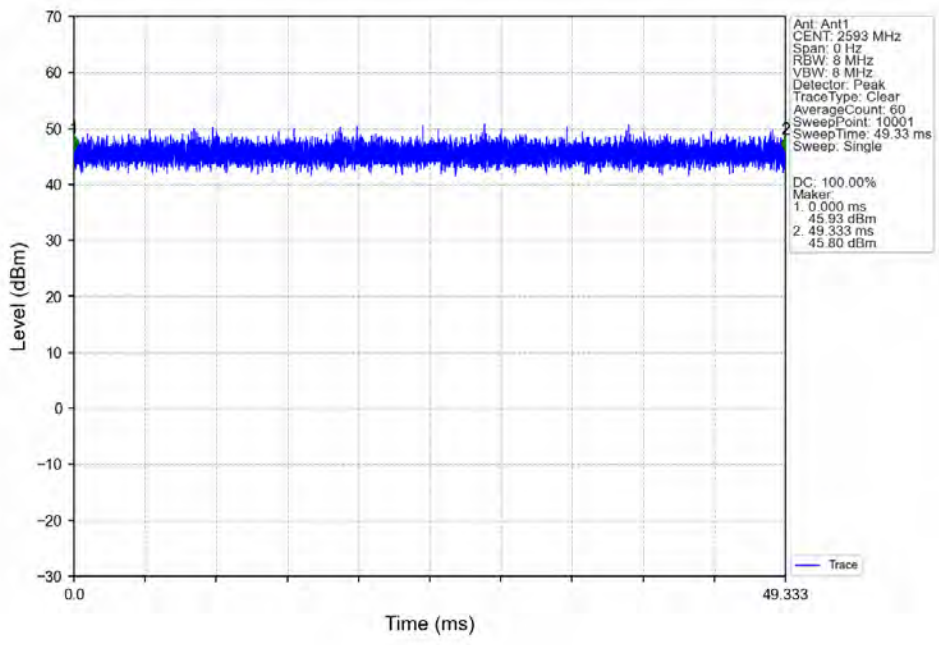
41_Single_NTNV_CC1:10MHz_64QAM_CC1:2501MHz_Ant1



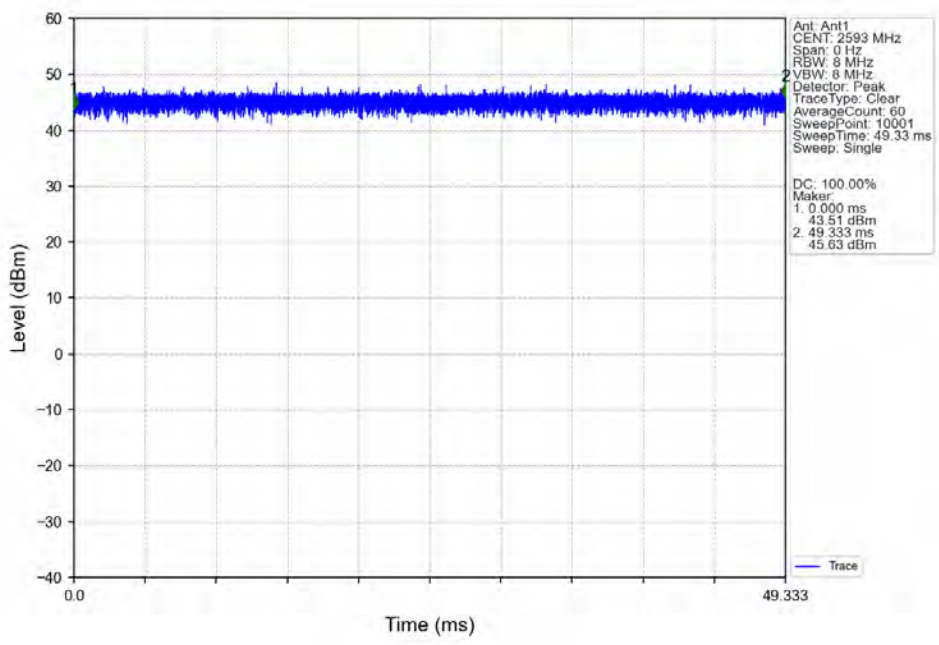
41_Single_NTNV_CC1:10MHz_256QAM_CC1:2501MHz_Ant1



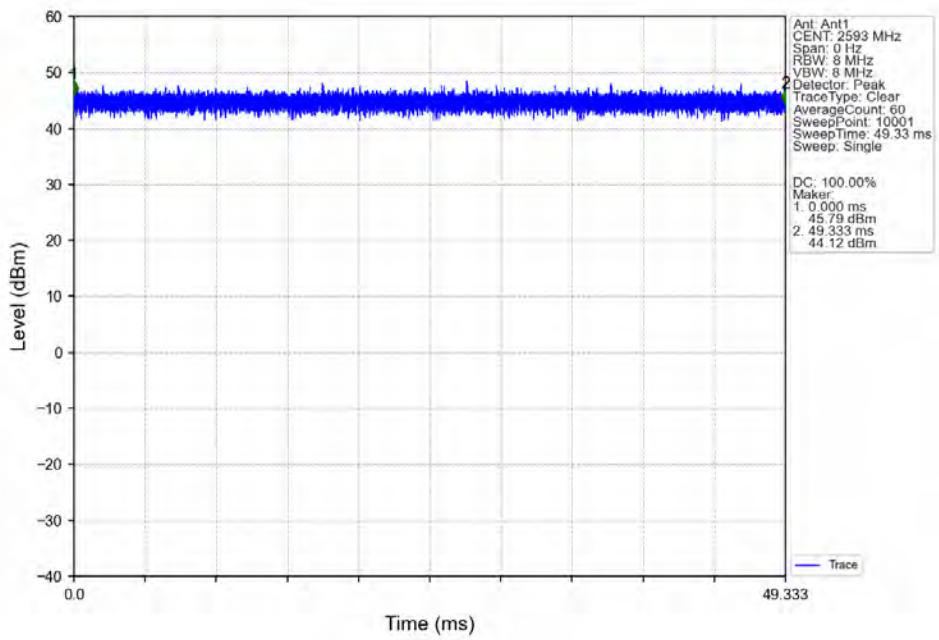
41_Single_NTNV_CC1:10MHz_QPSK_CC1:2593MHz_Ant1



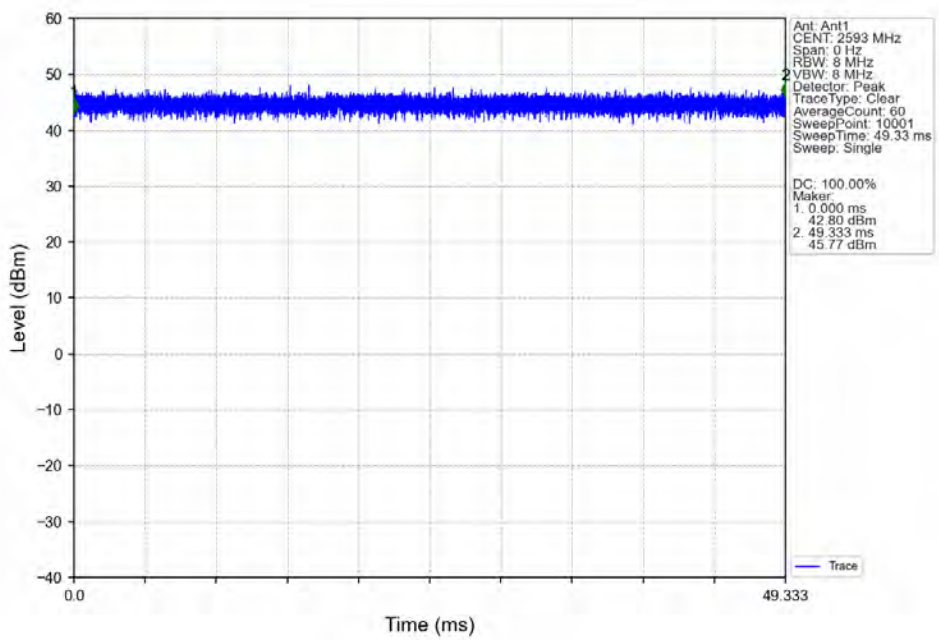
41_Single_NTNV_CC1:10MHz_16QAM_CC1:2593MHz_Ant1



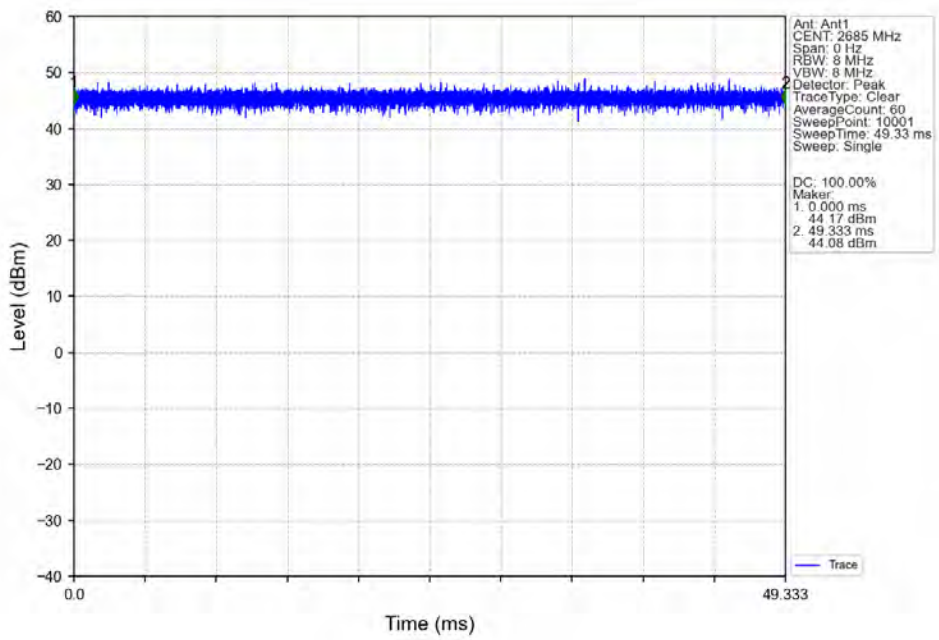
41_Single_NTNV_CC1:10MHz_64QAM_CC1:2593MHz_Ant1



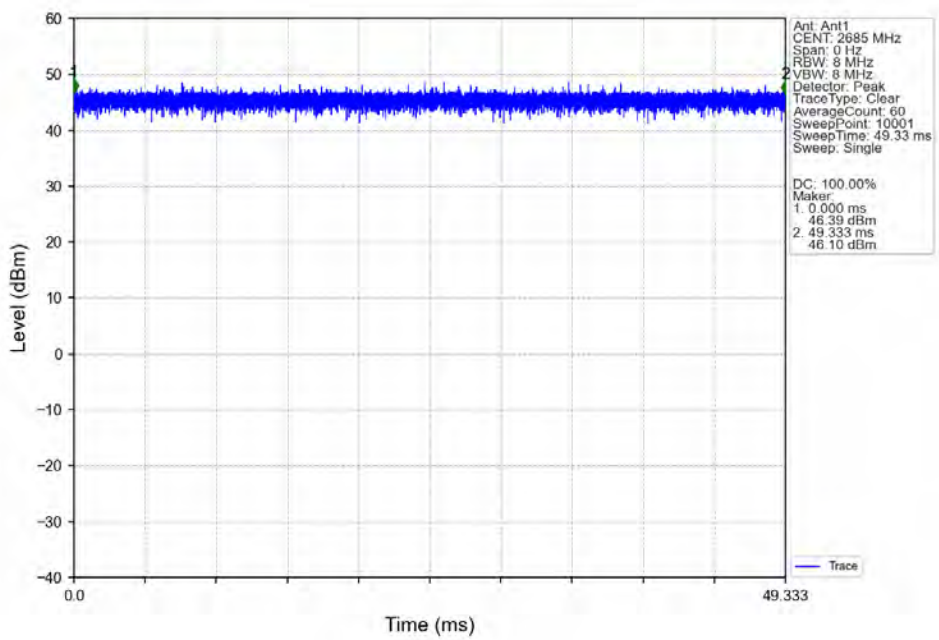
41_Single_NTNV_CC1:10MHz_256QAM_CC1:2593MHz_Ant1



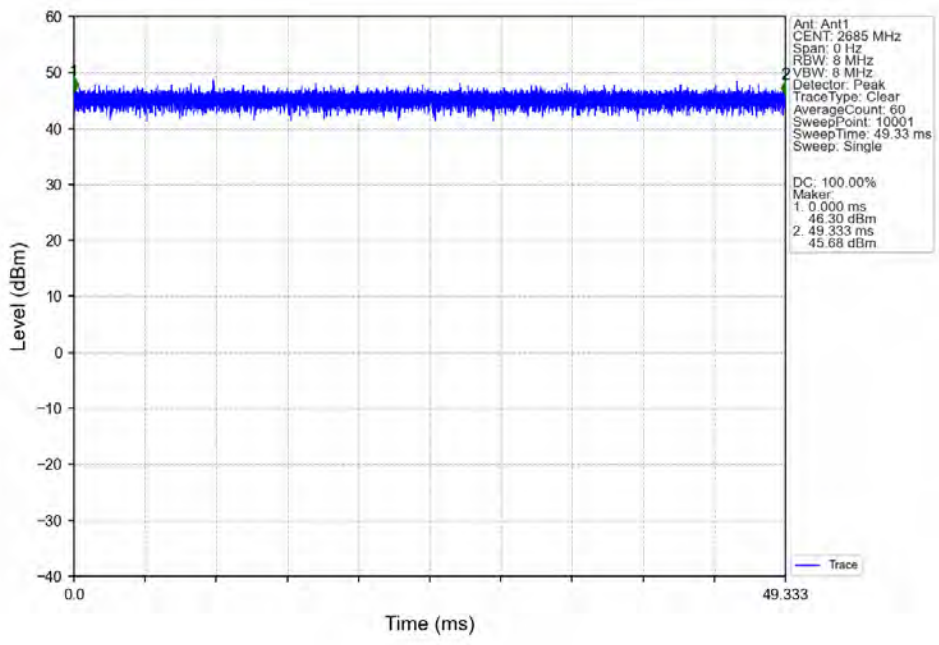
41_Single_NTNV_CC1:10MHz_QPSK_CC1:2685MHz_Ant1



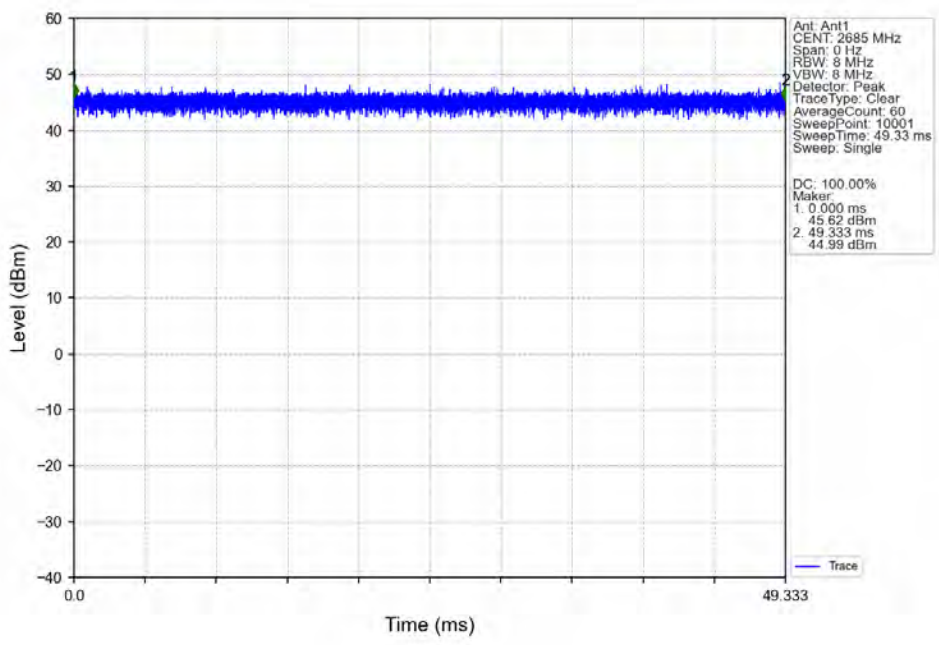
41_Single_NTNV_CC1:10MHz_16QAM_CC1:2685MHz_Ant1



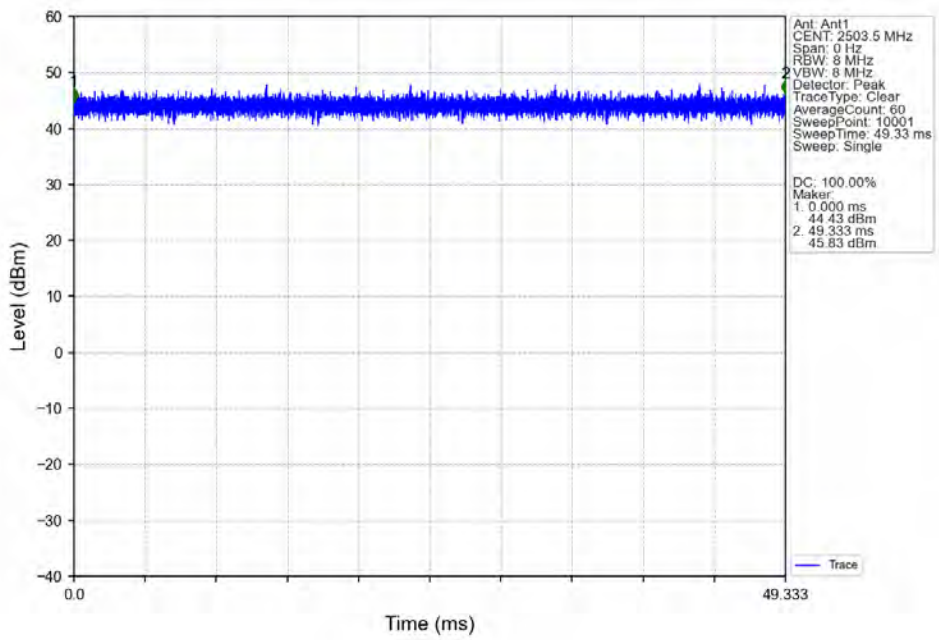
41_Single_NTNV_CC1:10MHz_64QAM_CC1:2685MHz_Ant1



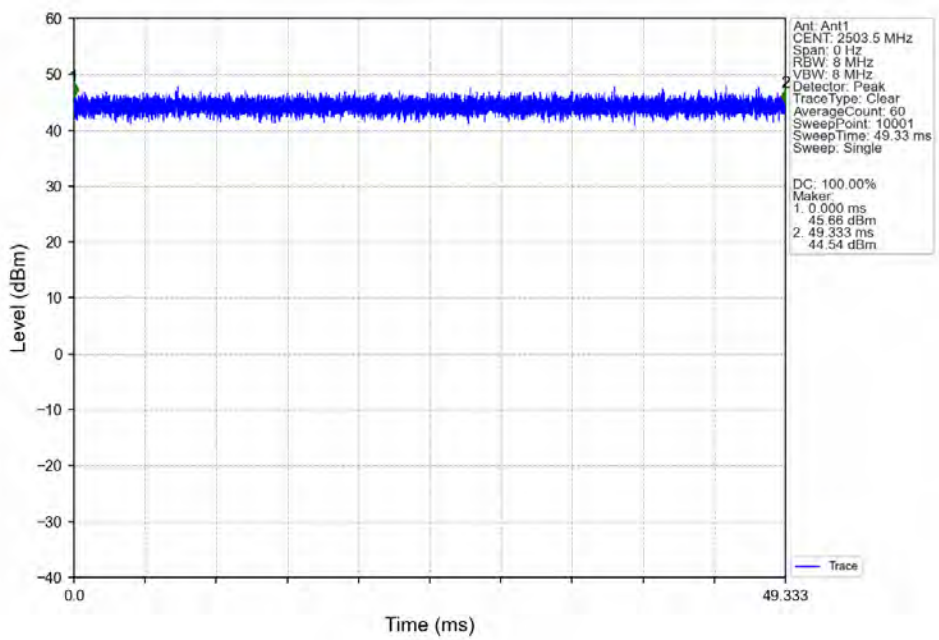
41_Single_NTNV_CC1:10MHz_256QAM_CC1:2685MHz_Ant1



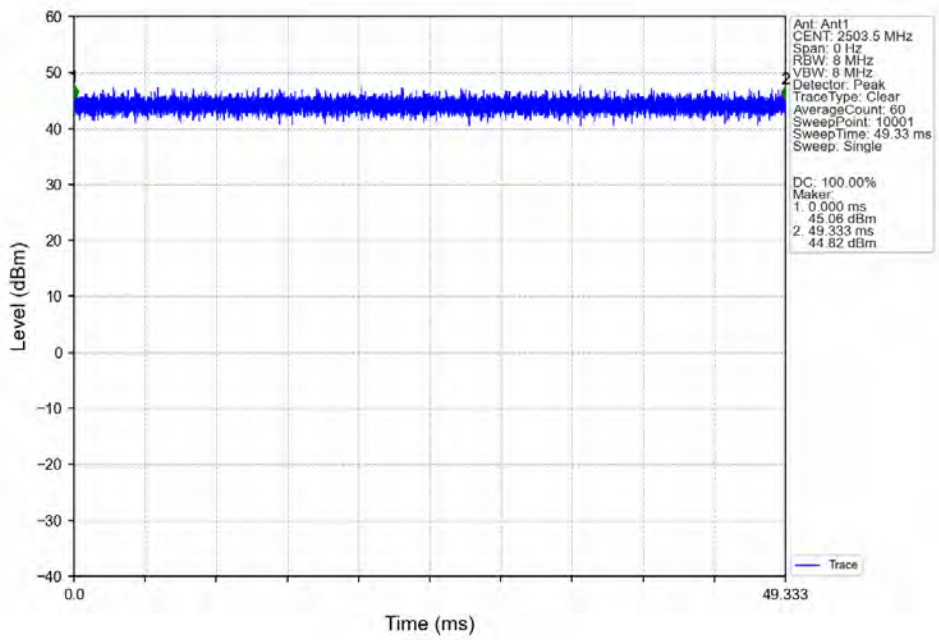
41_Single_NTNV_CC1:15MHz_QPSK_CC1:2503.5MHz_Ant1



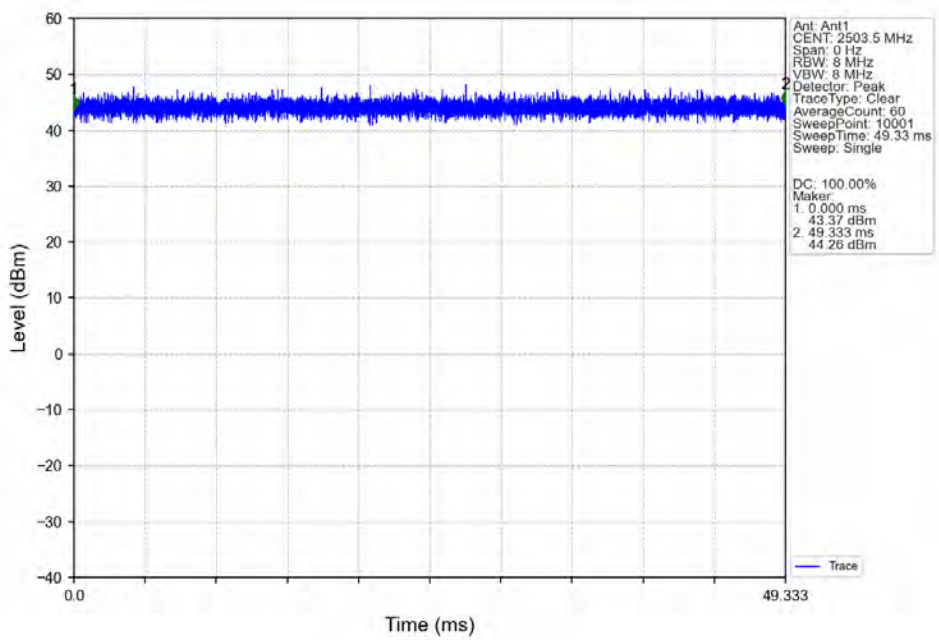
41_Single_NTNV_CC1:15MHz_16QAM_CC1:2503.5MHz_Ant1



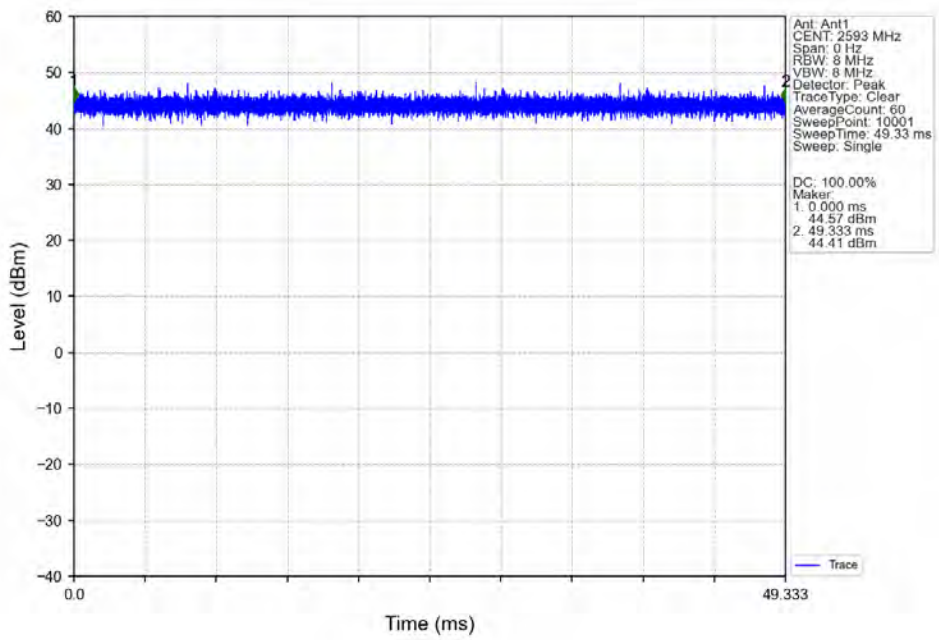
41_Single_NTNV_CC1:15MHz_64QAM_CC1:2503.5MHz_Ant1



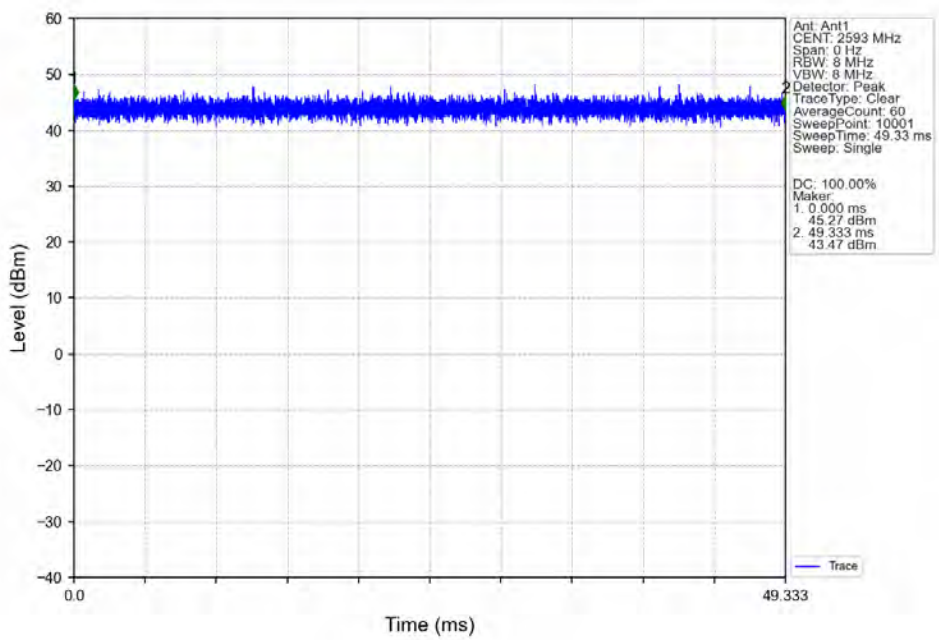
41_Single_NTNV_CC1:15MHz_256QAM_CC1:2503.5MHz_Ant1



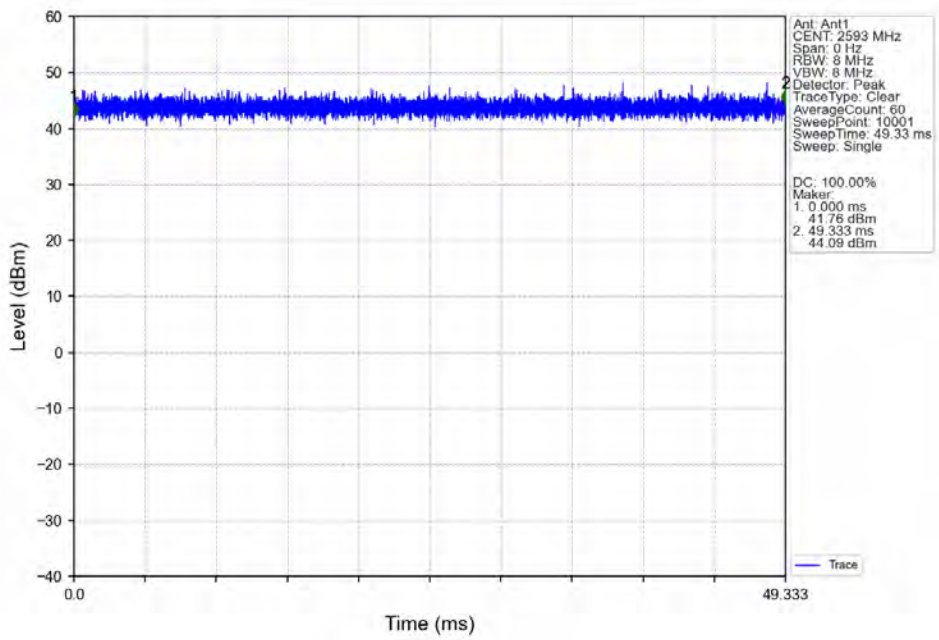
41_Single_NTNV_CC1:15MHz_QPSK_CC1:2593MHz_Ant1



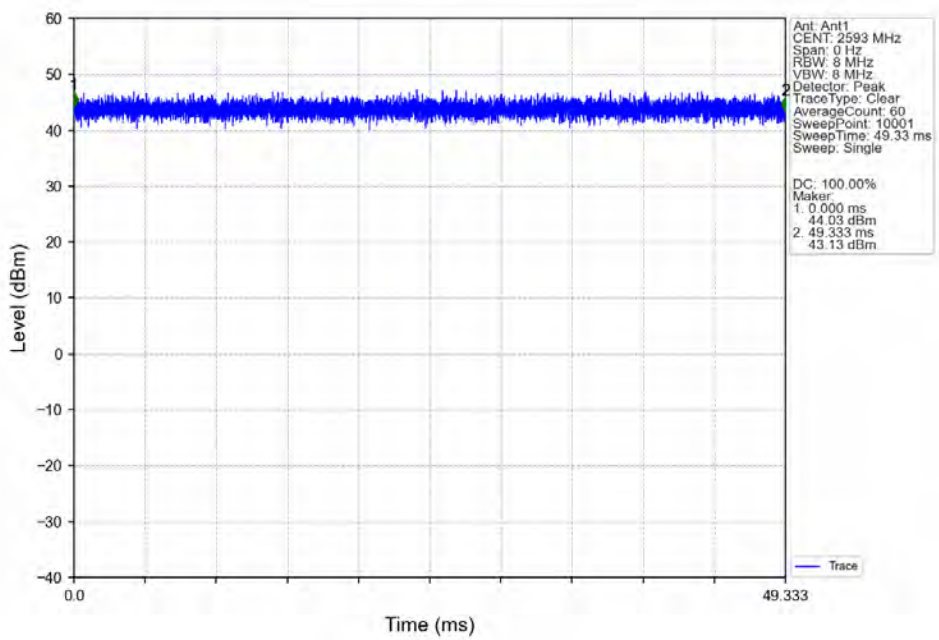
41_Single_NTNV_CC1:15MHz_16QAM_CC1:2593MHz_Ant1



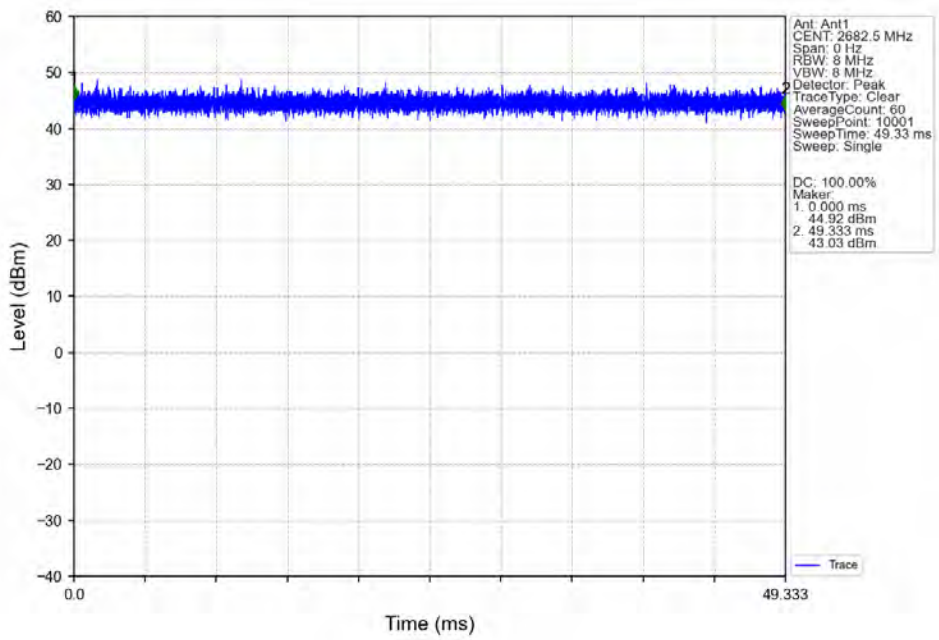
41_Single_NTNV_CC1:15MHz_64QAM_CC1:2593MHz_Ant1



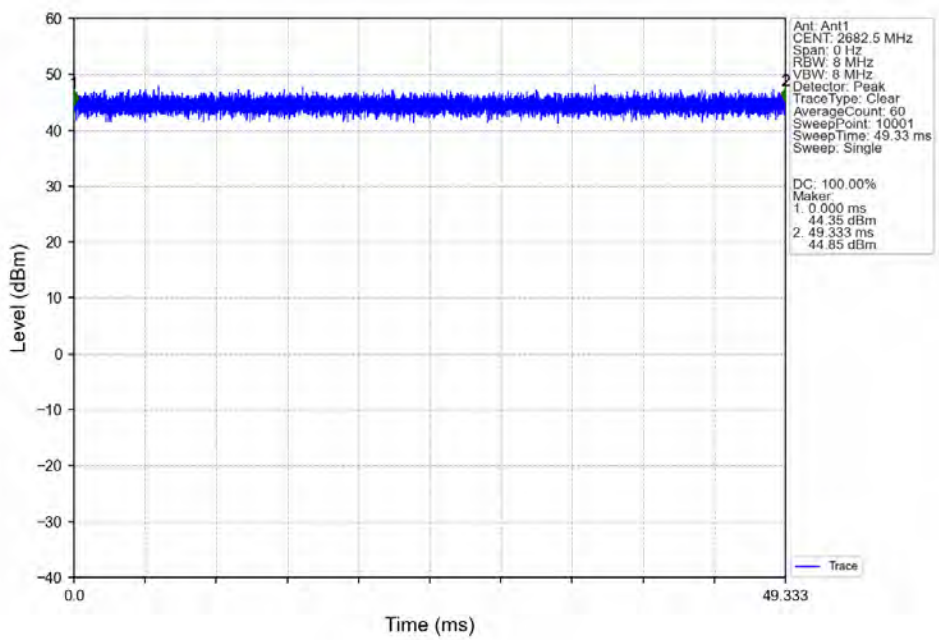
41_Single_NTNV_CC1:15MHz_256QAM_CC1:2593MHz_Ant1



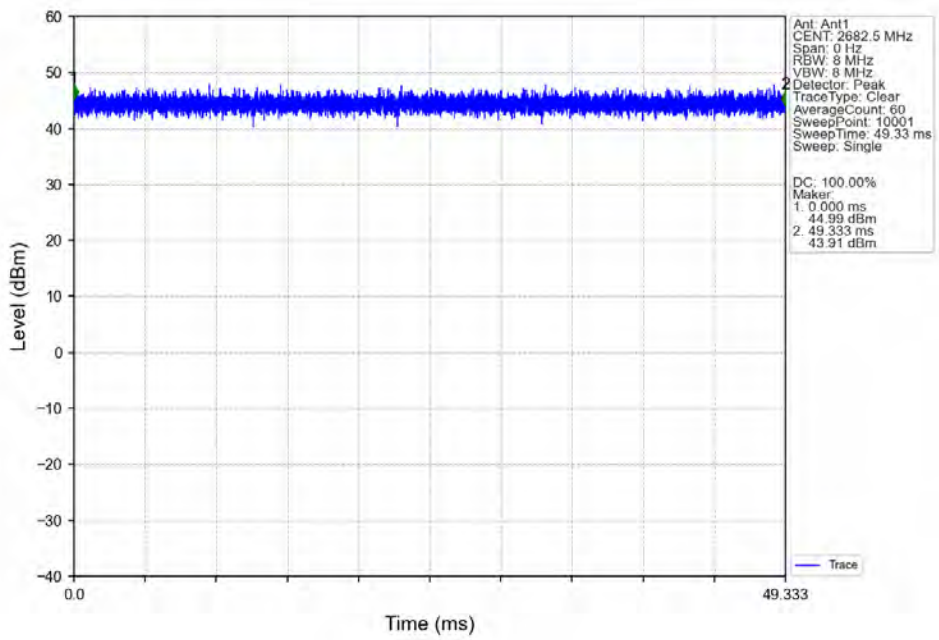
41_Single_NTNV_CC1:15MHz_QPSK_CC1:2682.5MHz_Ant1



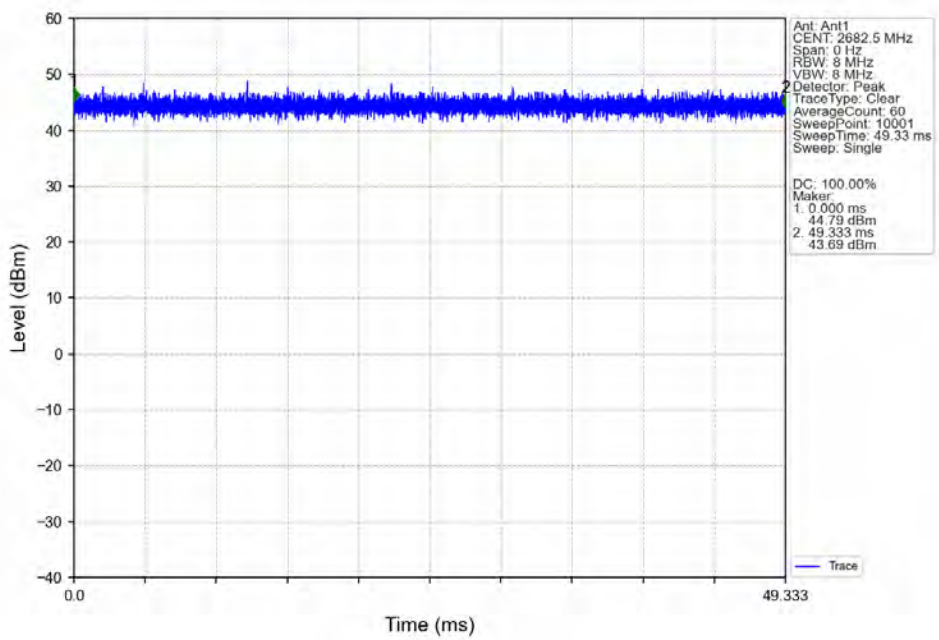
41_Single_NTNV_CC1:15MHz_16QAM_CC1:2682.5MHz_Ant1



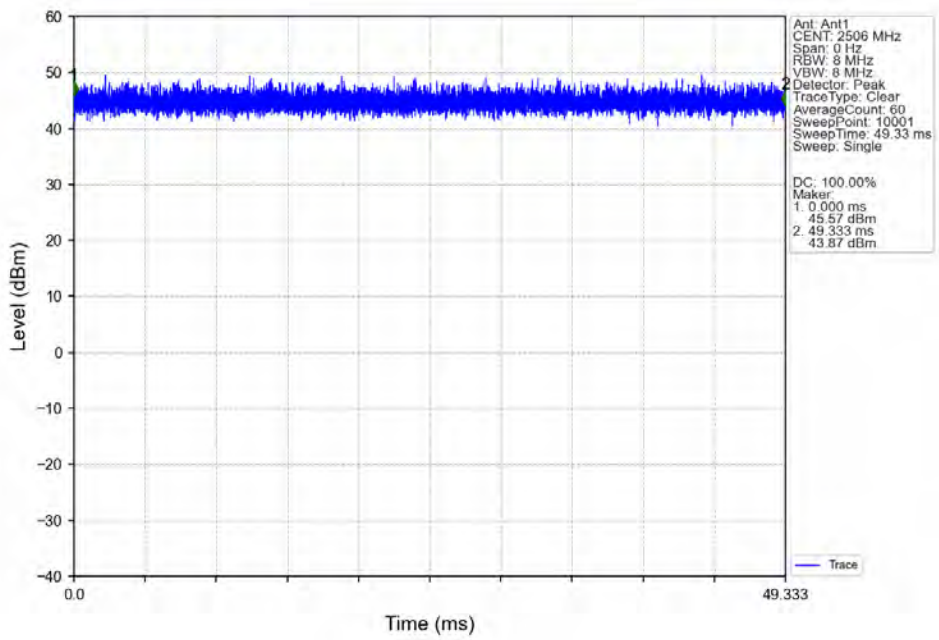
41_Single_NTNV_CC1:15MHz_64QAM_CC1:2682.5MHz_Ant1



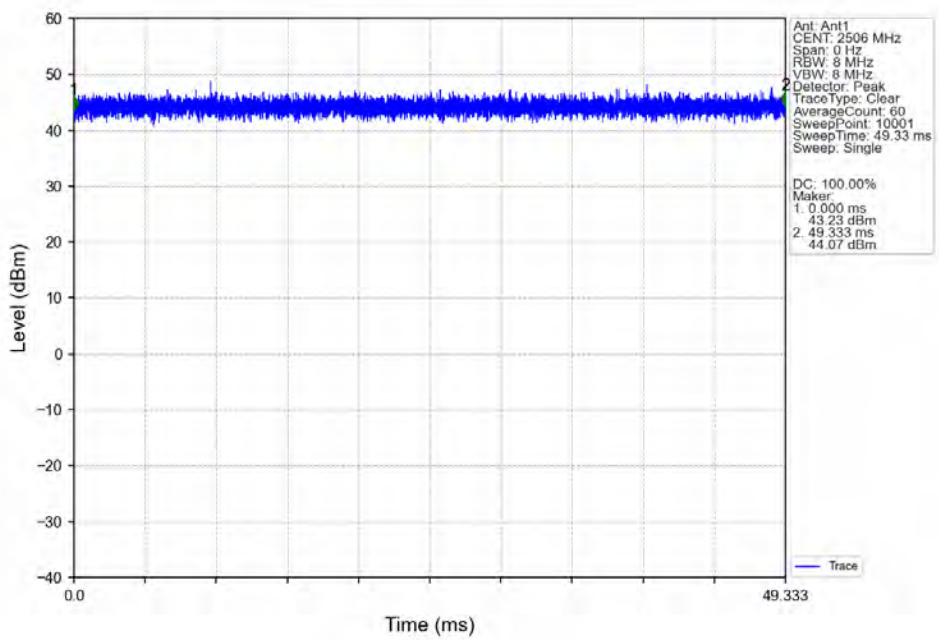
41_Single_NTNV_CC1:15MHz_256QAM_CC1:2682.5MHz_Ant1



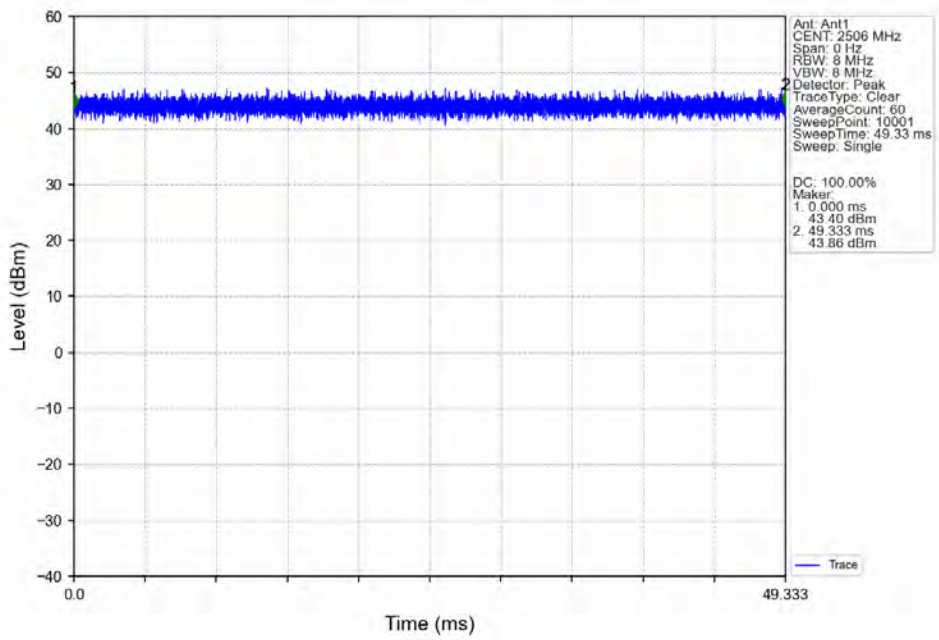
41_Single_NTNV_CC1:20MHz_QPSK_CC1:2506MHz_Ant1



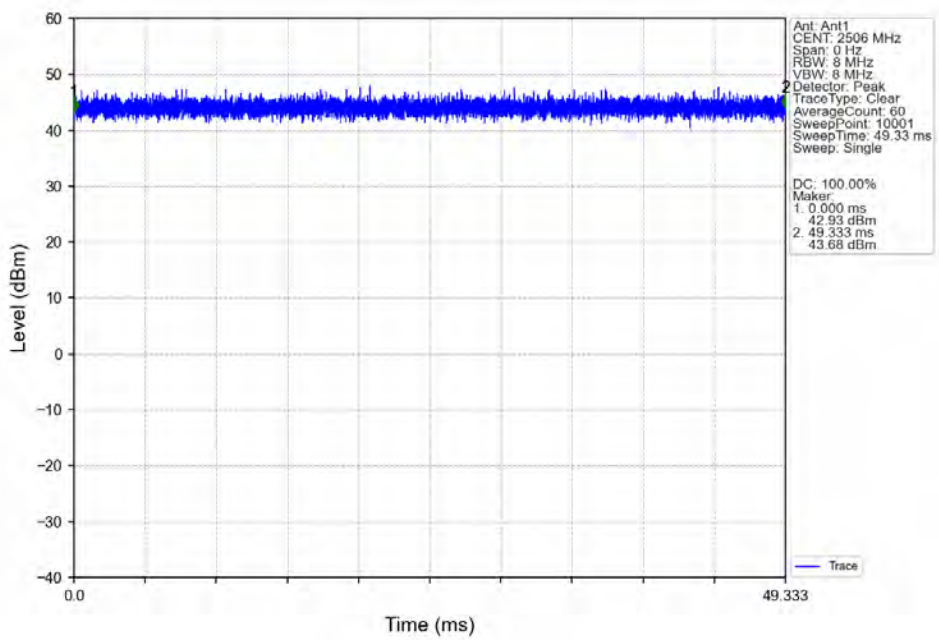
41_Single_NTNV_CC1:20MHz_16QAM_CC1:2506MHz_Ant1



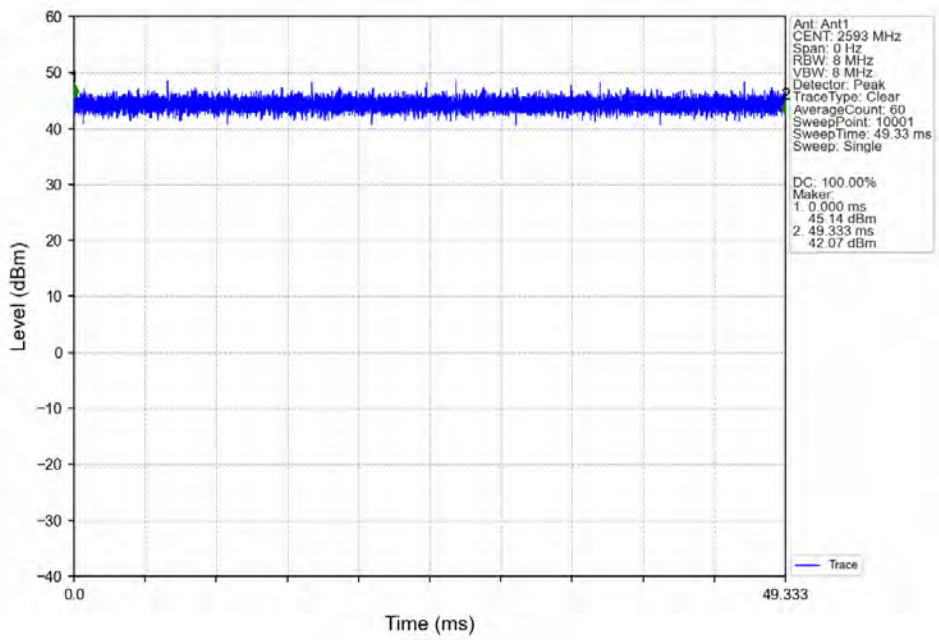
41_Single_NTNV_CC1:20MHz_64QAM_CC1:2506MHz_Ant1



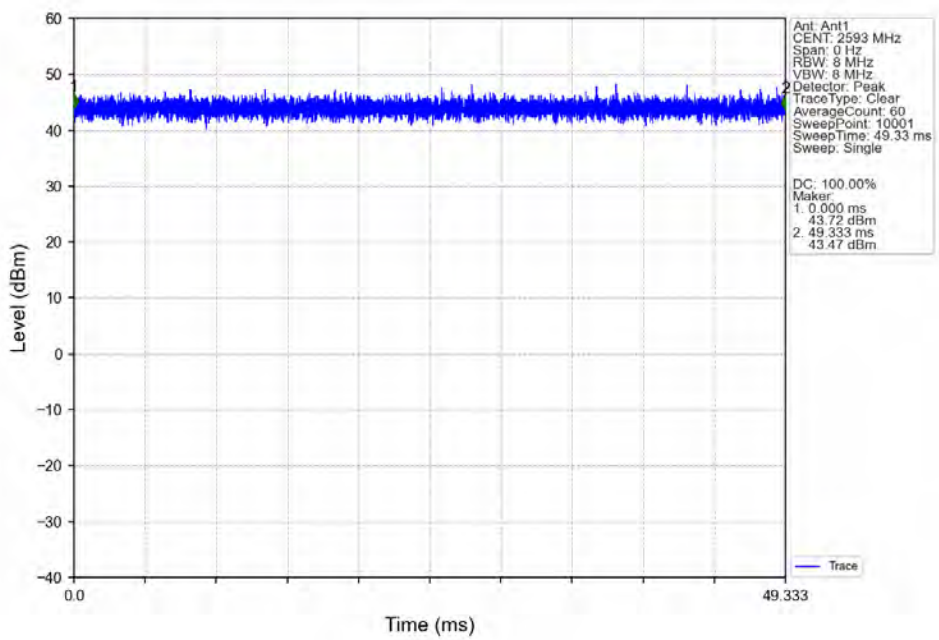
41_Single_NTNV_CC1:20MHz_256QAM_CC1:2506MHz_Ant1



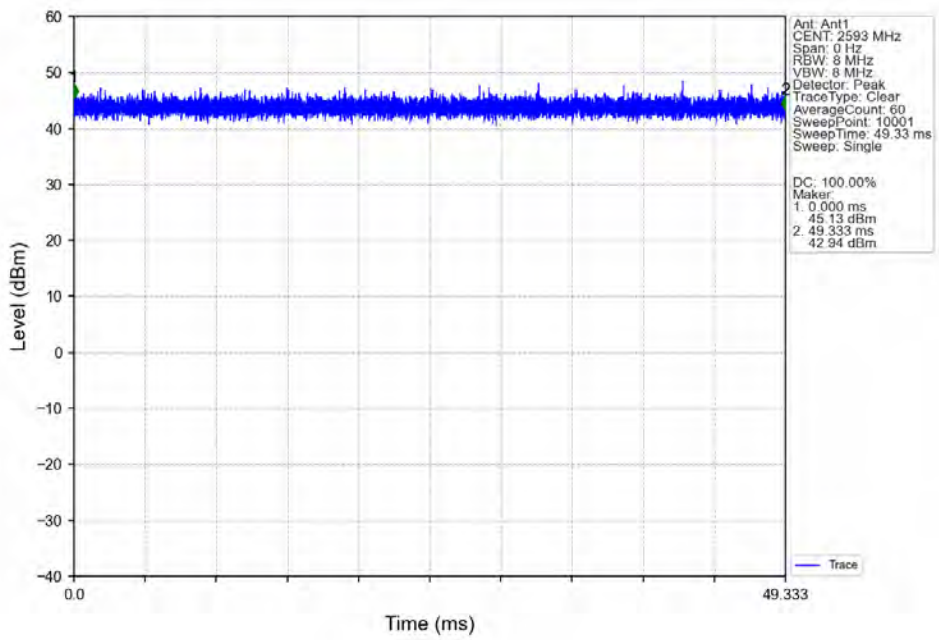
41_Single_NTNV_CC1:20MHz_QPSK_CC1:2593MHz_Ant1



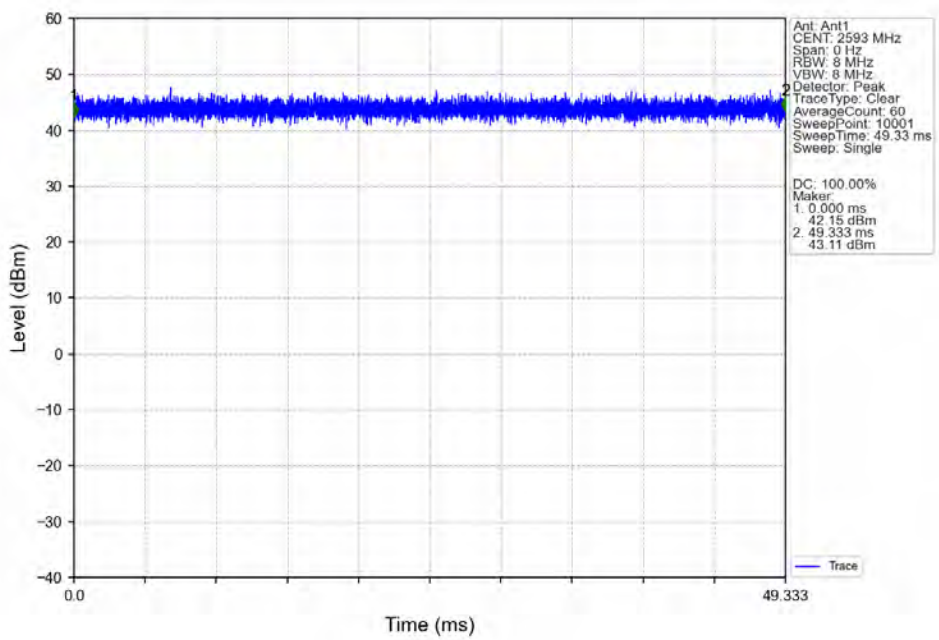
41_Single_NTNV_CC1:20MHz_16QAM_CC1:2593MHz_Ant1



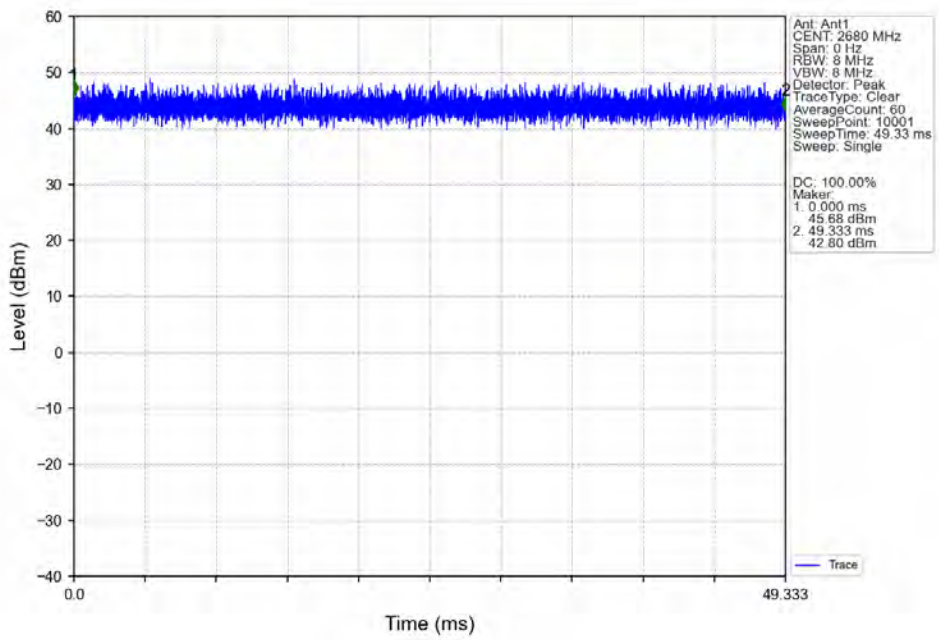
41_Single_NTNV_CC1:20MHz_64QAM_CC1:2593MHz_Ant1



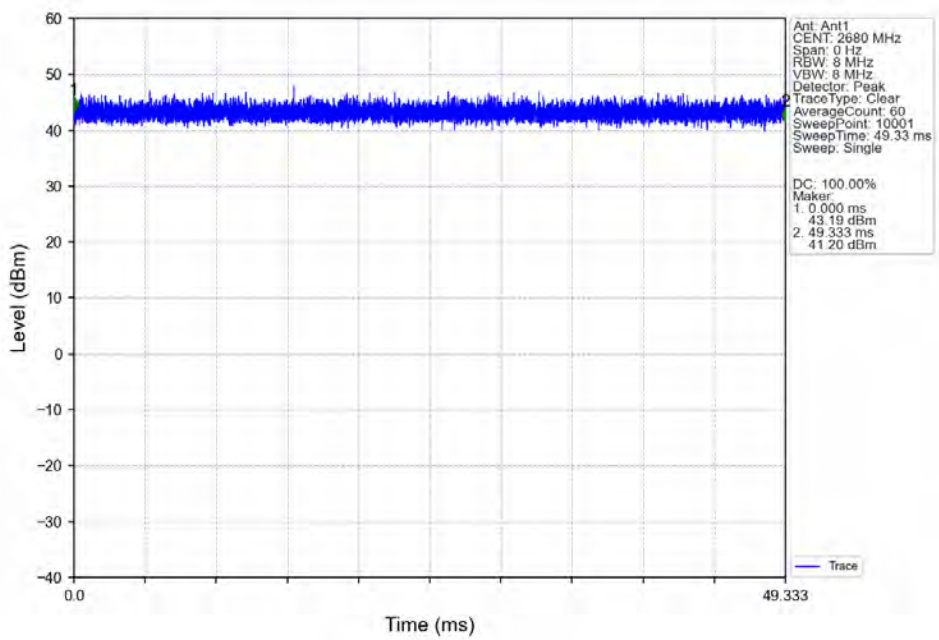
41_Single_NTNV_CC1:20MHz_256QAM_CC1:2593MHz_Ant1



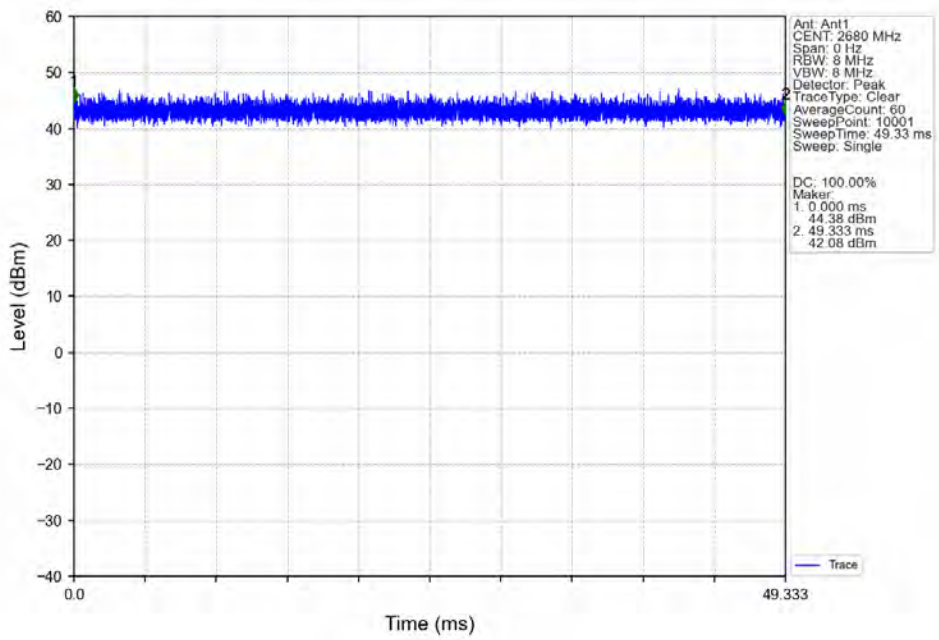
41_Single_NTNV_CC1:20MHz_QPSK_CC1:2680MHz_Ant1



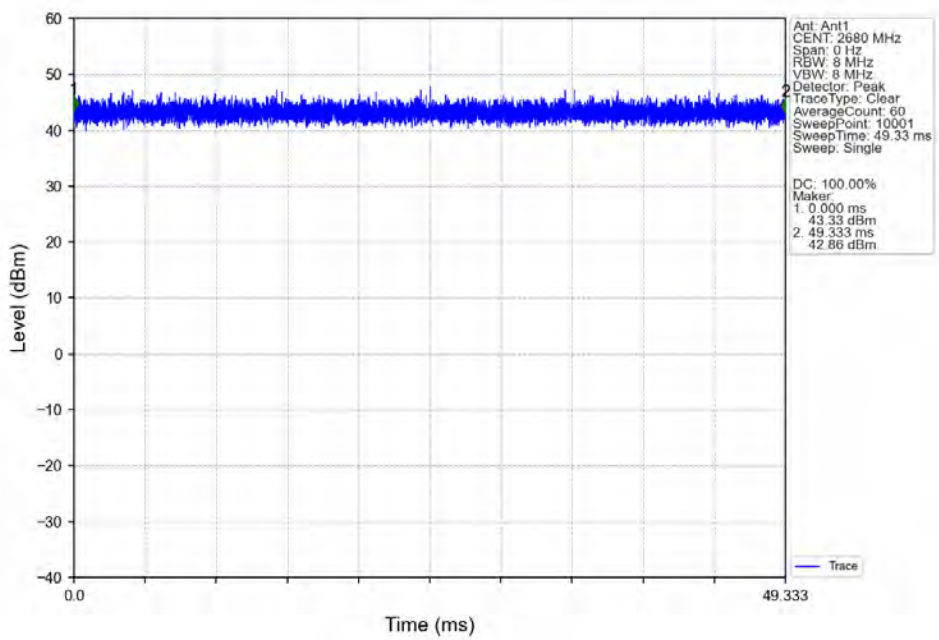
41_Single_NTNV_CC1:20MHz_16QAM_CC1:2680MHz_Ant1



41_Single_NTNV_CC1:20MHz_64QAM_CC1:2680MHz_Ant1



41_Single_NTNV_CC1:20MHz_256QAM_CC1:2680MHz_Ant1



2. Effective (Isotropic) Radiated Power Output Data

2.1 Test Result

2.1.1 Single_Power

Band 41 Single NTNV								
BW (MHz)	DL Frequency (MHz)	Test Mode	Ant No.	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)		Verdict
				CC1		CC1	Limit	
CC1:5	CC1:2498.5	QPSK	1	44.64	10	54.64	<=63	Pass
			2x2	47.65	10	57.65	<=63	Pass
			4x4	50.66	10	60.66	<=63	Pass
		16QAM	1	44.68	10	54.68	<=63	Pass
			2x2	47.69	10	57.69	<=63	Pass
			4x4	50.70	10	60.70	<=63	Pass
		64QAM	1	44.68	10	54.68	<=63	Pass
			2x2	47.69	10	57.69	<=63	Pass
			4x4	50.70	10	60.70	<=63	Pass
		256QAM	1	44.67	10	54.67	<=63	Pass
			2x2	47.68	10	57.68	<=63	Pass
			4x4	50.69	10	60.69	<=63	Pass
	CC1:2593	QPSK	1	45.42	10	55.42	<=63	Pass
			2x2	48.43	10	58.43	<=63	Pass
			4x4	51.44	10	61.44	<=63	Pass
		16QAM	1	45.38	10	55.38	<=63	Pass
			2x2	48.39	10	58.39	<=63	Pass
			4x4	51.40	10	61.40	<=63	Pass
		64QAM	1	45.49	10	55.49	<=63	Pass
			2x2	48.50	10	58.50	<=63	Pass
			4x4	51.51	10	61.51	<=63	Pass
		256QAM	1	45.50	10	55.50	<=63	Pass
			2x2	48.51	10	58.51	<=63	Pass
			4x4	51.52	10	61.52	<=63	Pass
	CC1:2687.5	QPSK	1	45.14	10	55.14	<=63	Pass
			2x2	48.15	10	58.15	<=63	Pass
			4x4	51.16	10	61.16	<=63	Pass
		16QAM	1	45.13	10	55.13	<=63	Pass
			2x2	48.14	10	58.14	<=63	Pass
			4x4	51.15	10	61.15	<=63	Pass
		64QAM	1	45.08	10	55.08	<=63	Pass
			2x2	48.09	10	58.09	<=63	Pass
			4x4	51.10	10	61.10	<=63	Pass
		256QAM	1	45.12	10	55.12	<=63	Pass
			2x2	48.13	10	58.13	<=63	Pass
			4x4	51.14	10	61.14	<=63	Pass
CC1:10	CC1:2501	QPSK	1	44.59	10	54.59	<=63	Pass
			2x2	47.60	10	57.60	<=63	Pass
			4x4	50.61	10	60.61	<=63	Pass
		16QAM	1	44.75	10	54.75	<=63	Pass
			2x2	47.76	10	57.76	<=63	Pass
			4x4	50.77	10	60.77	<=63	Pass
		64QAM	1	44.80	10	54.80	<=63	Pass
			2x2	47.81	10	57.81	<=63	Pass

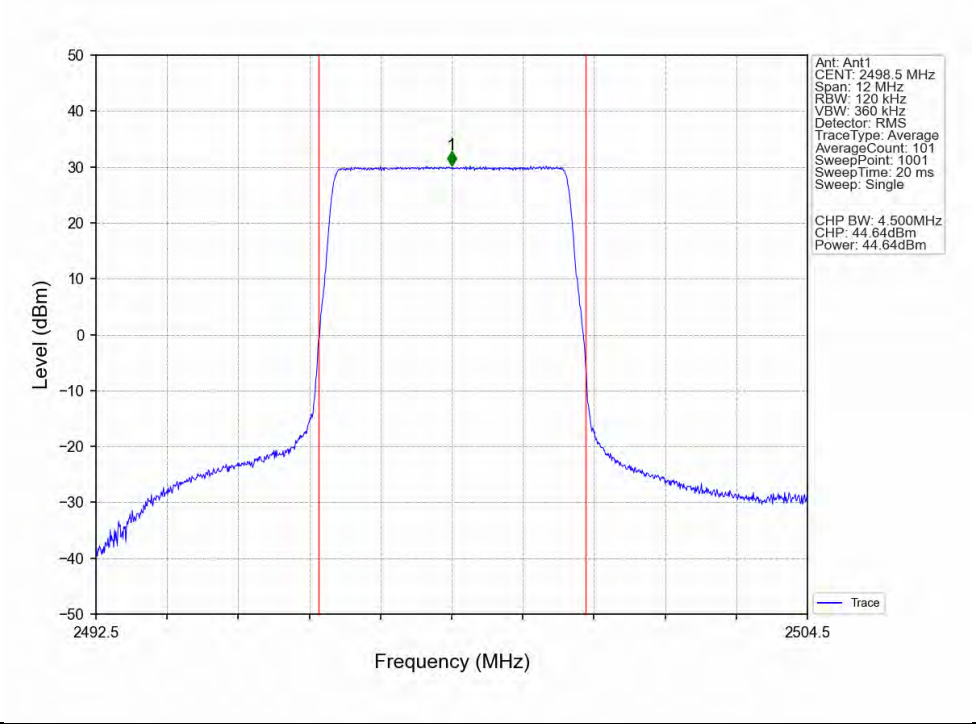
			4x4	50.82	10	60.82	<=63	Pass
		256QAM	1	44.80	10	54.80	<=63	Pass
			2x2	47.81	10	57.81	<=63	Pass
			4x4	50.82	10	60.82	<=63	Pass
	CC1:2593	QPSK	1	45.42	10	55.42	<=63	Pass
			2x2	48.43	10	58.43	<=63	Pass
			4x4	51.44	10	61.44	<=63	Pass
		16QAM	1	45.50	10	55.50	<=63	Pass
			2x2	48.51	10	58.51	<=63	Pass
			4x4	51.52	10	61.52	<=63	Pass
		64QAM	1	45.50	10	55.50	<=63	Pass
			2x2	48.51	10	58.51	<=63	Pass
			4x4	51.52	10	61.52	<=63	Pass
		256QAM	1	45.49	10	55.49	<=63	Pass
			2x2	48.50	10	58.50	<=63	Pass
			4x4	51.51	10	61.51	<=63	Pass
	CC1:2685	QPSK	1	45.10	10	55.10	<=63	Pass
			2x2	48.11	10	58.11	<=63	Pass
			4x4	51.12	10	61.12	<=63	Pass
		16QAM	1	45.12	10	55.12	<=63	Pass
			2x2	48.13	10	58.13	<=63	Pass
			4x4	51.14	10	61.14	<=63	Pass
		64QAM	1	45.11	10	55.11	<=63	Pass
			2x2	48.12	10	58.12	<=63	Pass
			4x4	51.13	10	61.13	<=63	Pass
		256QAM	1	45.11	10	55.11	<=63	Pass
			2x2	48.12	10	58.12	<=63	Pass
			4x4	51.13	10	61.13	<=63	Pass
CC1:15	CC1:2503.5	QPSK	1	44.64	10	54.64	<=63	Pass
			2x2	47.65	10	57.65	<=63	Pass
			4x4	50.66	10	60.66	<=63	Pass
		16QAM	1	44.76	10	54.76	<=63	Pass
			2x2	47.77	10	57.77	<=63	Pass
			4x4	50.78	10	60.78	<=63	Pass
		64QAM	1	44.75	10	54.75	<=63	Pass
			2x2	47.76	10	57.76	<=63	Pass
			4x4	50.77	10	60.77	<=63	Pass
		256QAM	1	44.86	10	54.86	<=63	Pass
			2x2	47.87	10	57.87	<=63	Pass
			4x4	50.88	10	60.88	<=63	Pass
	CC1:2593	QPSK	1	45.14	10	55.14	<=63	Pass
			2x2	48.15	10	58.15	<=63	Pass
			4x4	51.16	10	61.16	<=63	Pass
		16QAM	1	45.31	10	55.31	<=63	Pass
			2x2	48.32	10	58.32	<=63	Pass
			4x4	51.33	10	61.33	<=63	Pass
		64QAM	1	45.29	10	55.29	<=63	Pass
			2x2	48.30	10	58.30	<=63	Pass
			4x4	51.31	10	61.31	<=63	Pass
		256QAM	1	45.29	10	55.29	<=63	Pass
			2x2	48.30	10	58.30	<=63	Pass
			4x4	51.31	10	61.31	<=63	Pass
	CC1:2682.5	QPSK	1	44.95	10	54.95	<=63	Pass
			2x2	47.96	10	57.96	<=63	Pass
			4x4	50.97	10	60.97	<=63	Pass
		16QAM	1	45.08	10	55.08	<=63	Pass
			2x2	48.09	10	58.09	<=63	Pass
			4x4	51.10	10	61.10	<=63	Pass

		64QAM	1	45.06	10	55.06	<=63	Pass
			2x2	48.07	10	58.07	<=63	Pass
			4x4	51.08	10	61.08	<=63	Pass
		256QAM	1	45.05	10	55.05	<=63	Pass
			2x2	48.06	10	58.06	<=63	Pass
			4x4	51.07	10	61.07	<=63	Pass
CC1:20	CC1:2506	QPSK	1	44.54	10	54.54	<=63	Pass
			2x2	47.55	10	57.55	<=63	Pass
			4x4	50.56	10	60.56	<=63	Pass
		16QAM	1	44.64	10	54.64	<=63	Pass
			2x2	47.65	10	57.65	<=63	Pass
			4x4	50.66	10	60.66	<=63	Pass
		64QAM	1	44.63	10	54.63	<=63	Pass
			2x2	47.64	10	57.64	<=63	Pass
			4x4	50.65	10	60.65	<=63	Pass
		256QAM	1	44.65	10	54.65	<=63	Pass
			2x2	47.66	10	57.66	<=63	Pass
			4x4	50.67	10	60.67	<=63	Pass
	CC1:2593	QPSK	1	45.12	10	55.12	<=63	Pass
			2x2	48.13	10	58.13	<=63	Pass
			4x4	51.14	10	61.14	<=63	Pass
		16QAM	1	45.20	10	55.20	<=63	Pass
			2x2	48.21	10	58.21	<=63	Pass
			4x4	51.22	10	61.22	<=63	Pass
		64QAM	1	45.22	10	55.22	<=63	Pass
			2x2	48.23	10	58.23	<=63	Pass
			4x4	51.24	10	61.24	<=63	Pass
		256QAM	1	45.21	10	55.21	<=63	Pass
			2x2	48.22	10	58.22	<=63	Pass
			4x4	51.23	10	61.23	<=63	Pass
	CC1:2680	QPSK	1	45.07	10	55.07	<=63	Pass
			2x2	48.08	10	58.08	<=63	Pass
			4x4	51.09	10	61.09	<=63	Pass
		16QAM	1	45.07	10	55.07	<=63	Pass
			2x2	48.08	10	58.08	<=63	Pass
			4x4	51.09	10	61.09	<=63	Pass
		64QAM	1	45.08	10	55.08	<=63	Pass
			2x2	48.09	10	58.09	<=63	Pass
			4x4	51.10	10	61.10	<=63	Pass
		256QAM	1	45.09	10	55.09	<=63	Pass
			2x2	48.10	10	58.10	<=63	Pass
			4x4	51.11	10	61.11	<=63	Pass

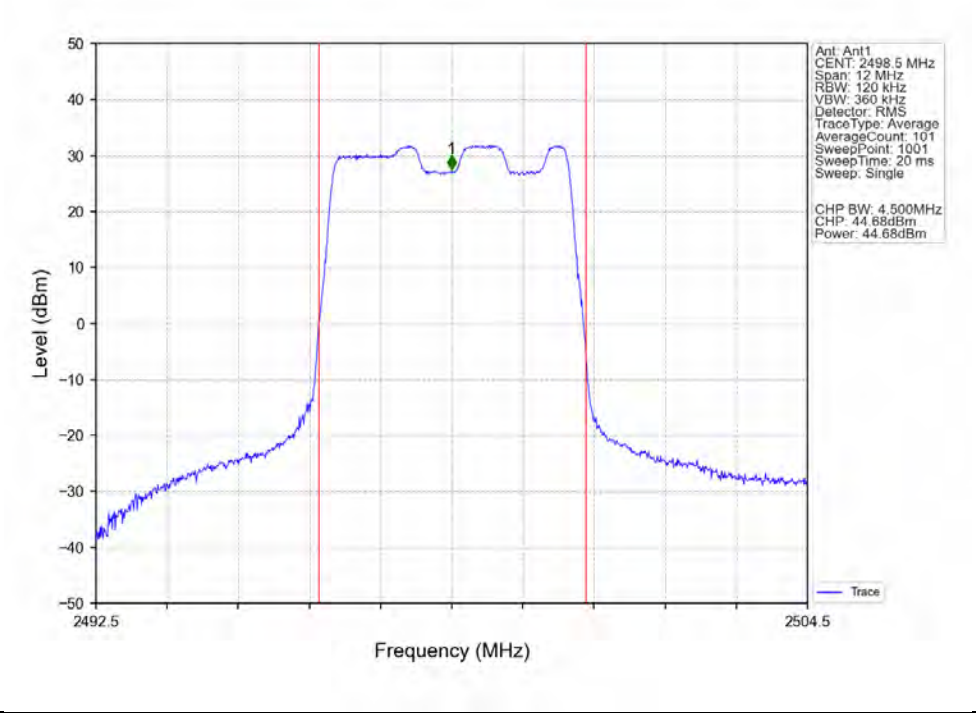
2.2 Test Graph

2.2.1 Single_Power

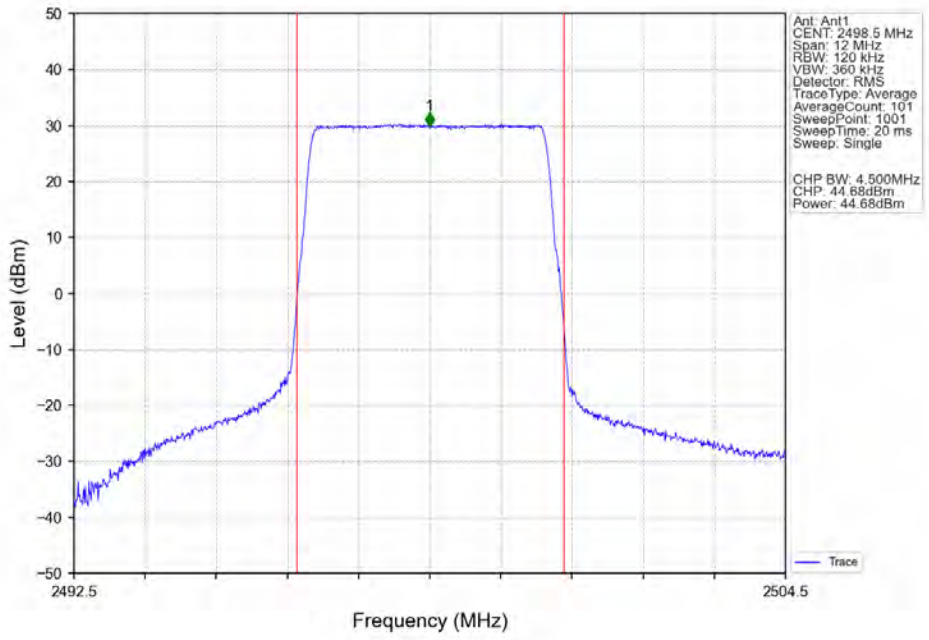
41_Single_NTNV_CC1:5MHz_QPSK_CC1:2498.5MHz_Ant1



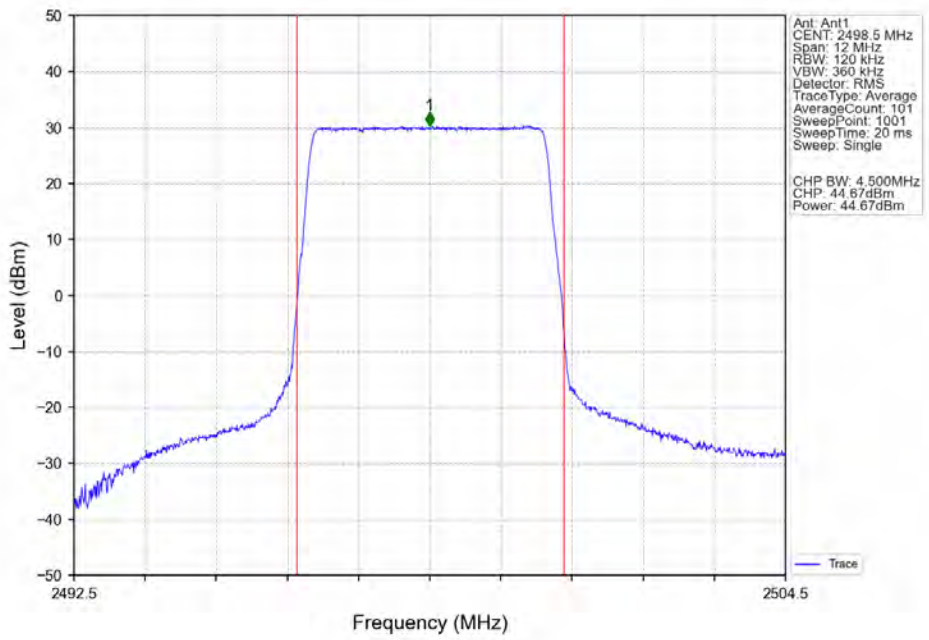
41_Single_NTNV_CC1:5MHz_16QAM_CC1:2498.5MHz_Ant1



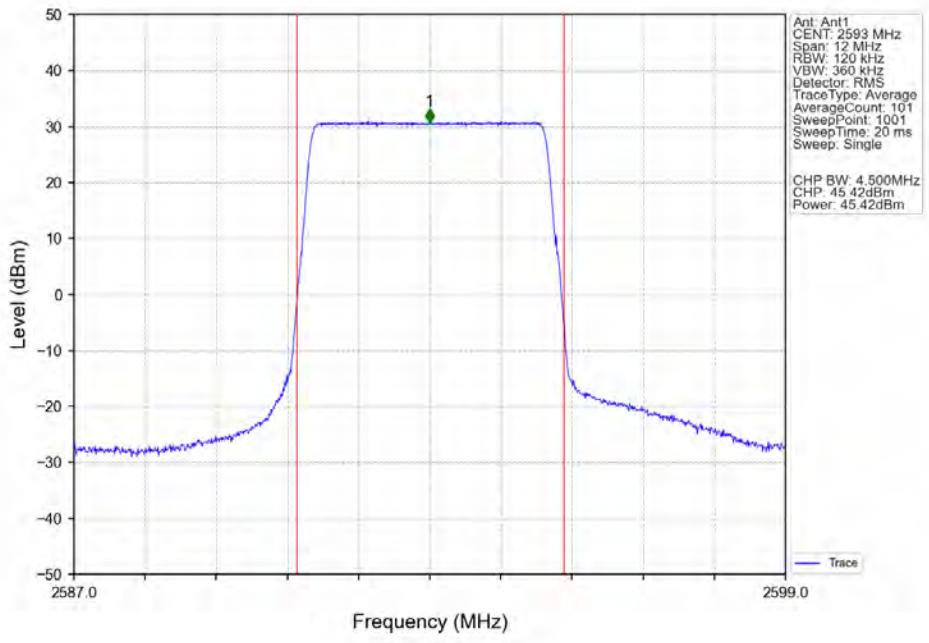
41_Single_NTNV_CC1:5MHz_64QAM_CC1:2498.5MHz_Ant1



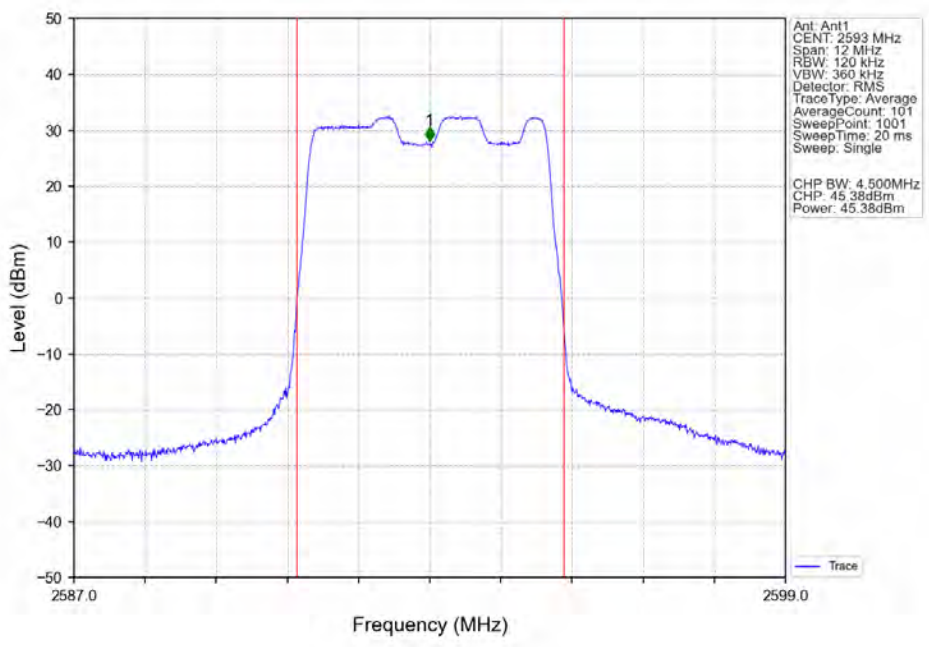
41_Single_NTNV_CC1:5MHz_256QAM_CC1:2498.5MHz_Ant1



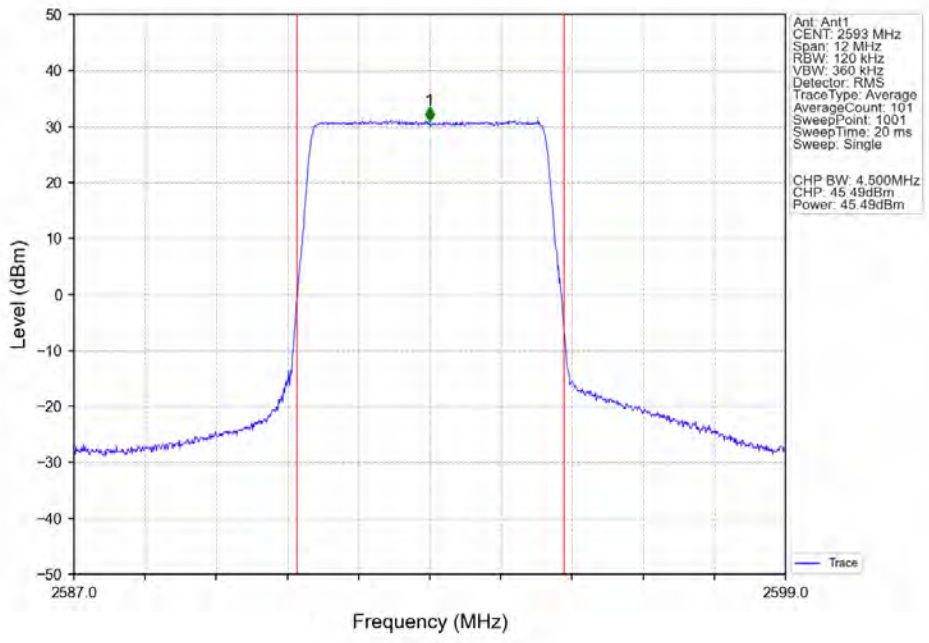
41_Single_NTNV_CC1:5MHz_QPSK_CC1:2593MHz_Ant1



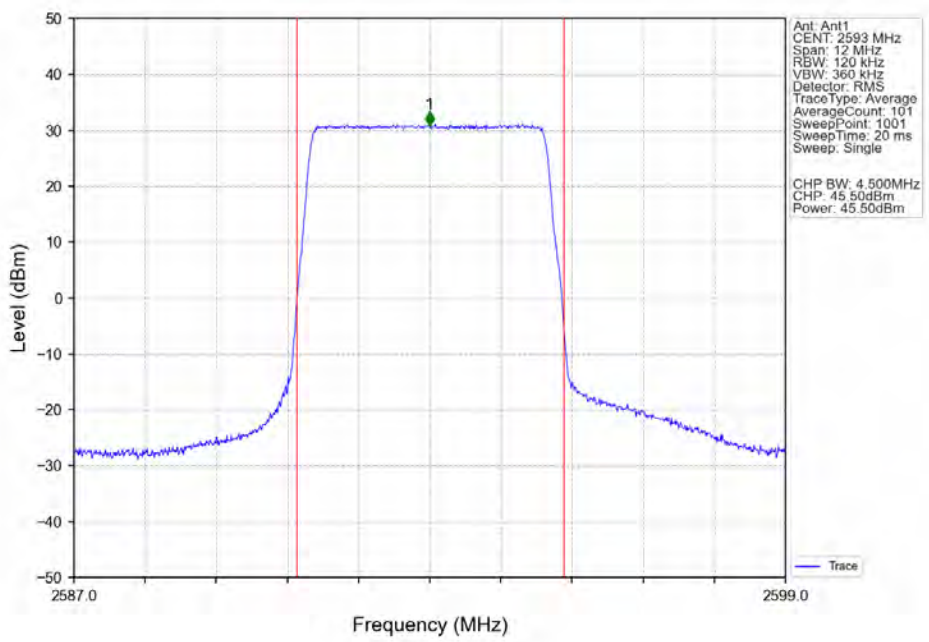
41_Single_NTNV_CC1:5MHz_16QAM_CC1:2593MHz_Ant1



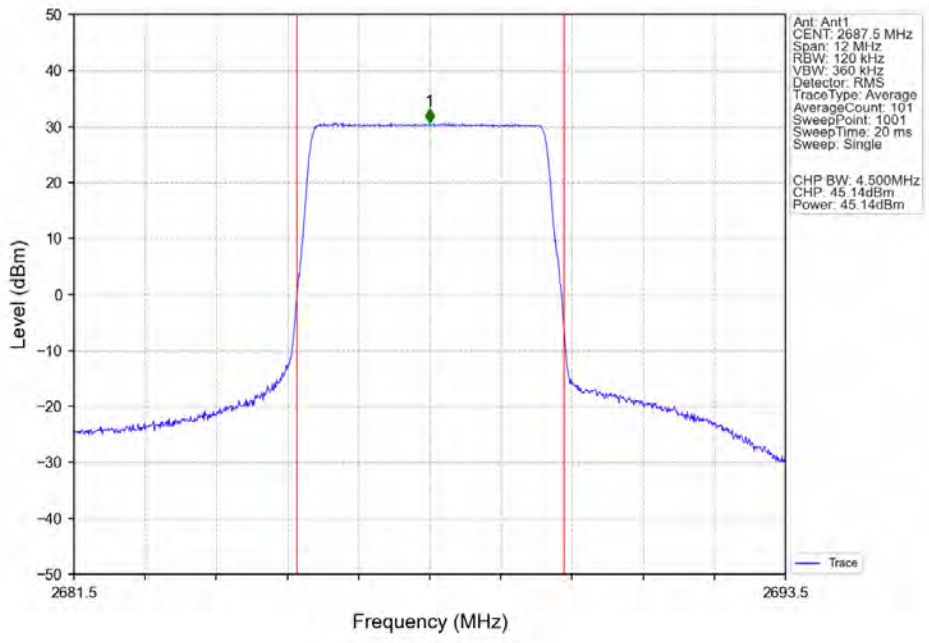
41_Single_NTNV_CC1:5MHz_64QAM_CC1:2593MHz_Ant1



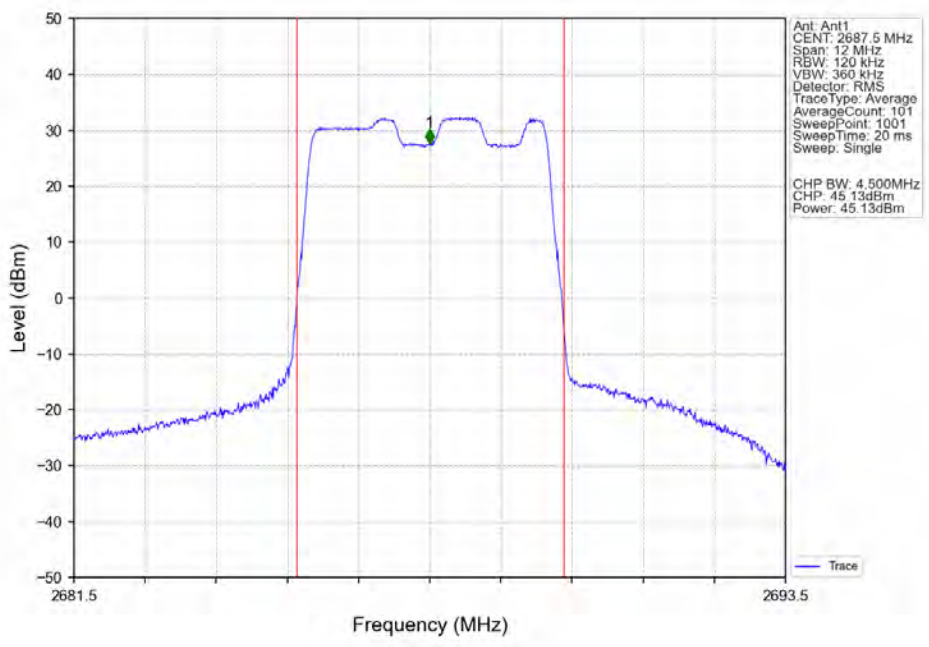
41_Single_NTNV_CC1:5MHz_256QAM_CC1:2593MHz_Ant1



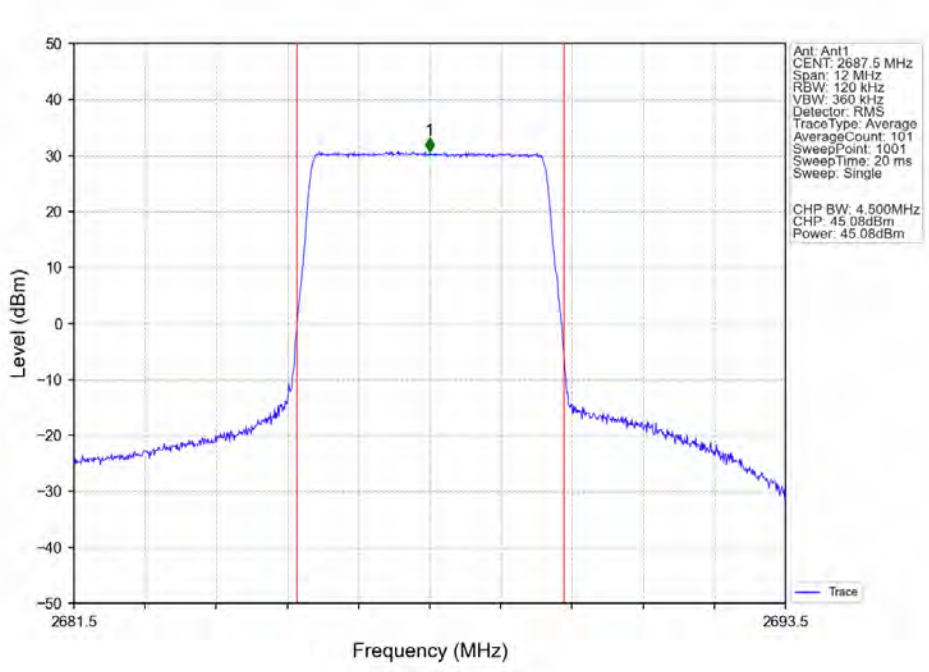
41_Single_NTNV_CC1:5MHz_QPSK_CC1:2687.5MHz_Ant1



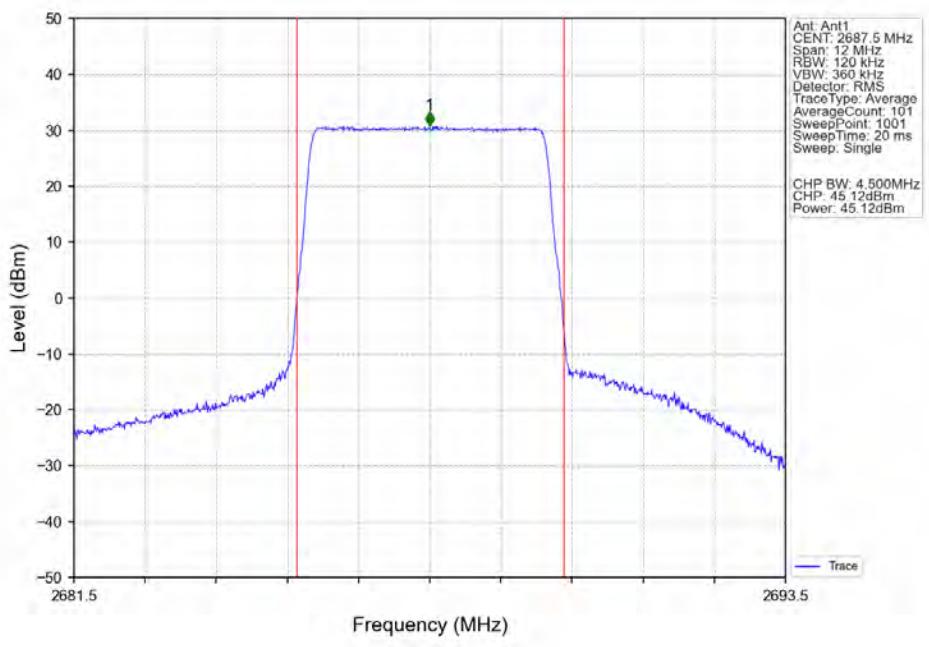
41_Single_NTNV_CC1:5MHz_16QAM_CC1:2687.5MHz_Ant1



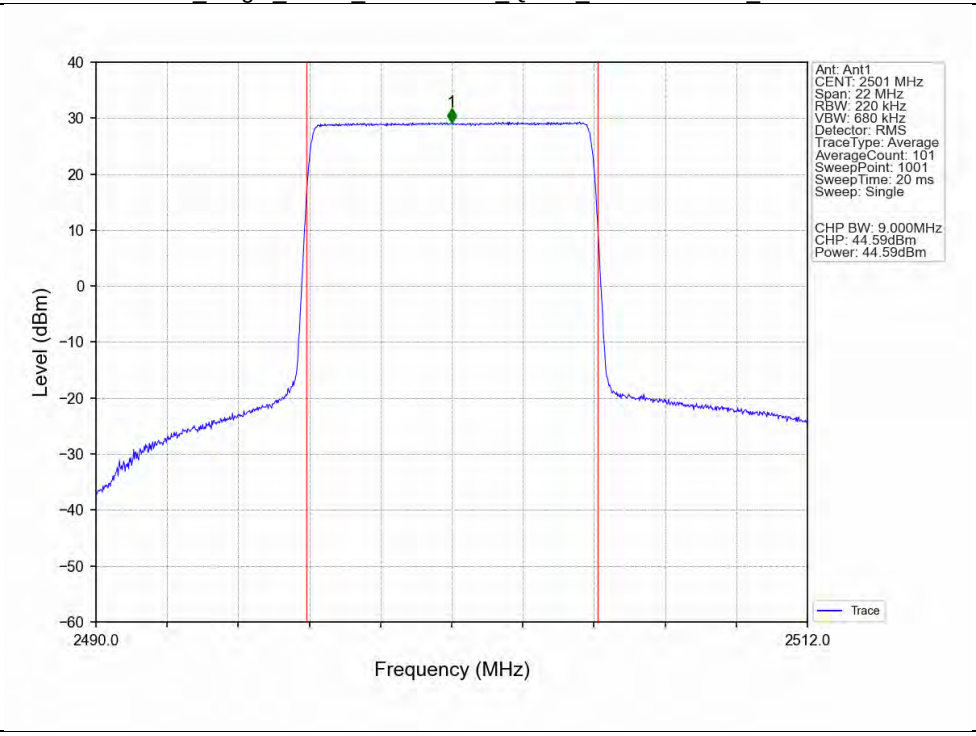
41_Single_NTNV_CC1:5MHz_64QAM_CC1:2687.5MHz_Ant1



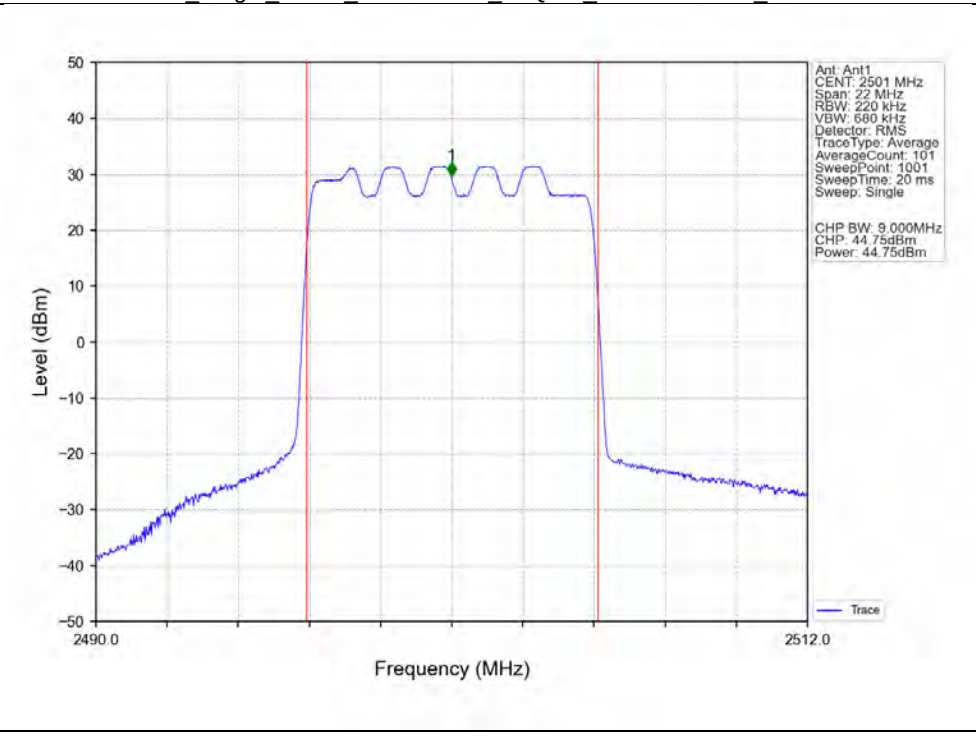
41_Single_NTNV_CC1:5MHz_256QAM_CC1:2687.5MHz_Ant1



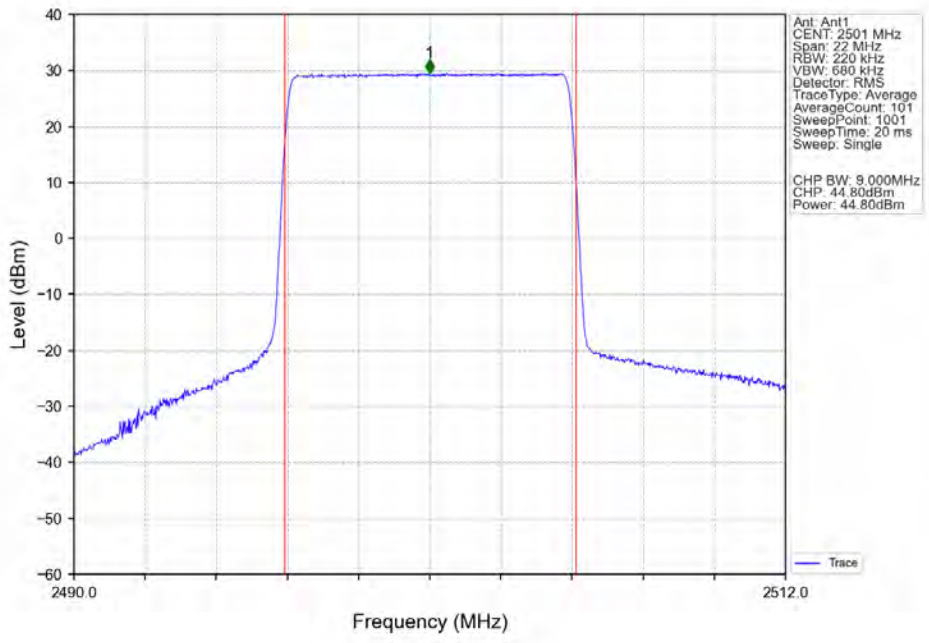
41_Single_NTNV_CC1:10MHz_QPSK_CC1:2501MHz_Ant1



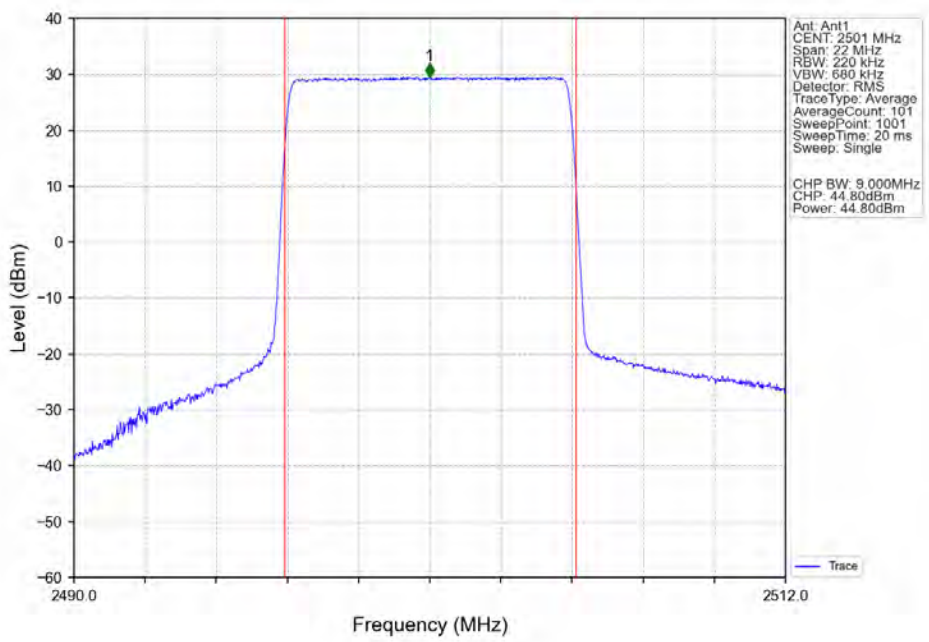
41_Single_NTNV_CC1:10MHz_16QAM_CC1:2501MHz_Ant1



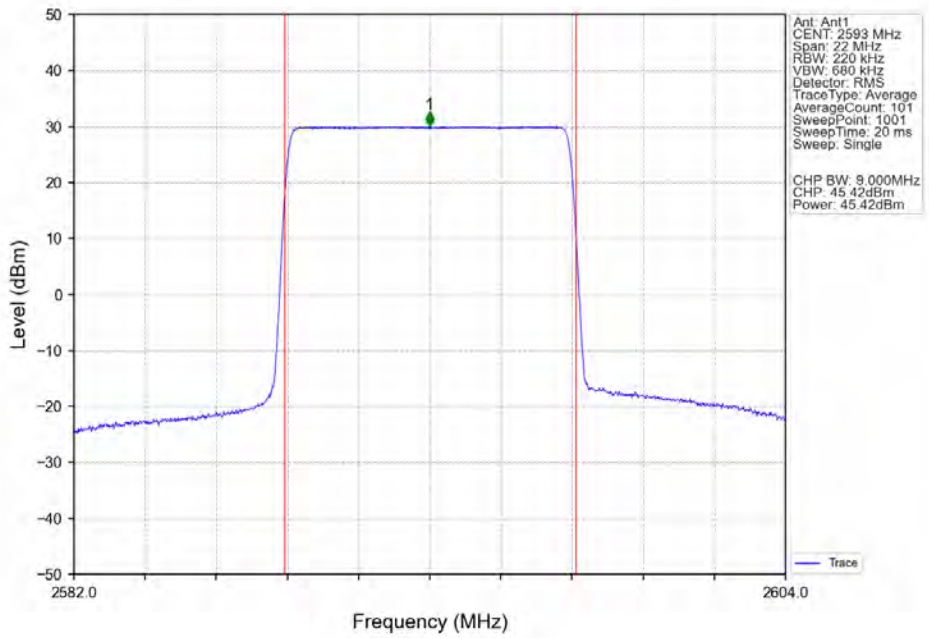
41_Single_NTNV_CC1:10MHz_64QAM_CC1:2501MHz_Ant1



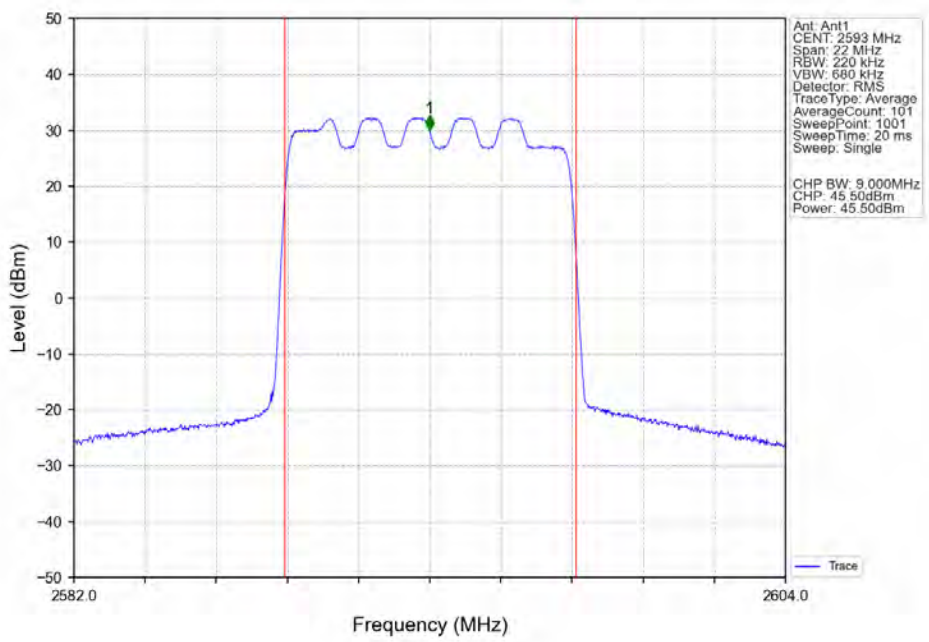
41_Single_NTNV_CC1:10MHz_256QAM_CC1:2501MHz_Ant1



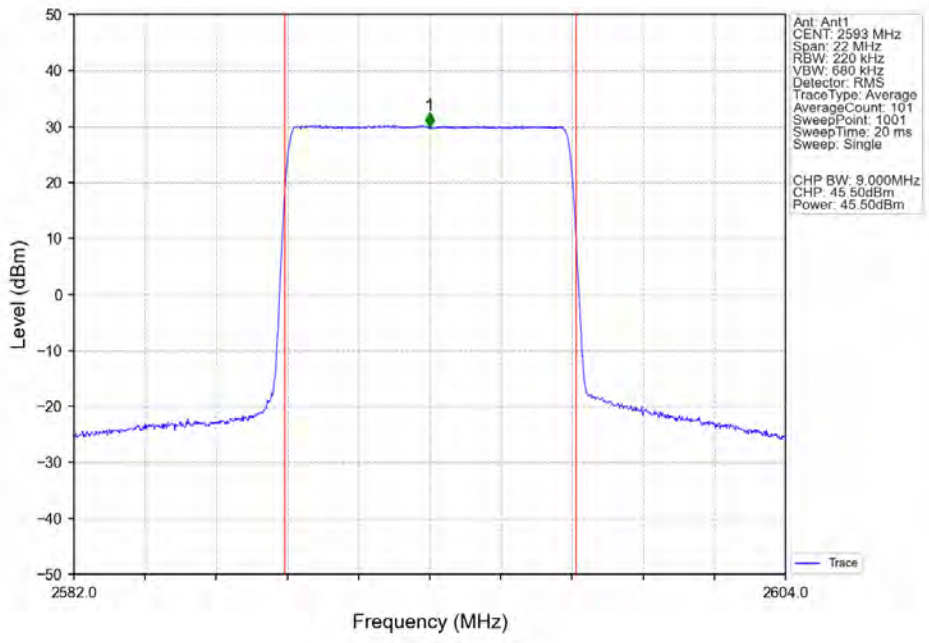
41_Single_NTNV_CC1:10MHz_QPSK_CC1:2593MHz_Ant1



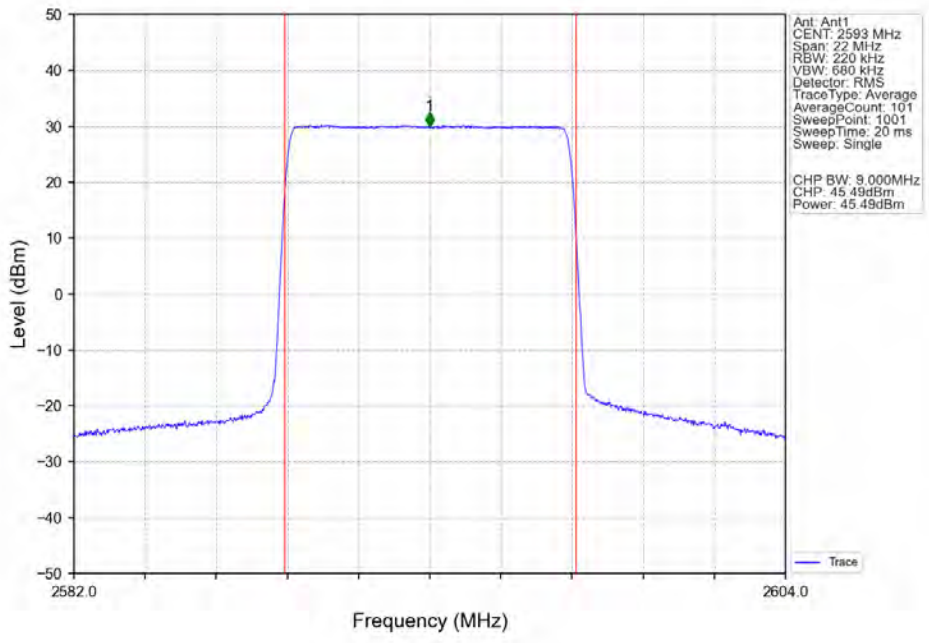
41_Single_NTNV_CC1:10MHz_16QAM_CC1:2593MHz_Ant1



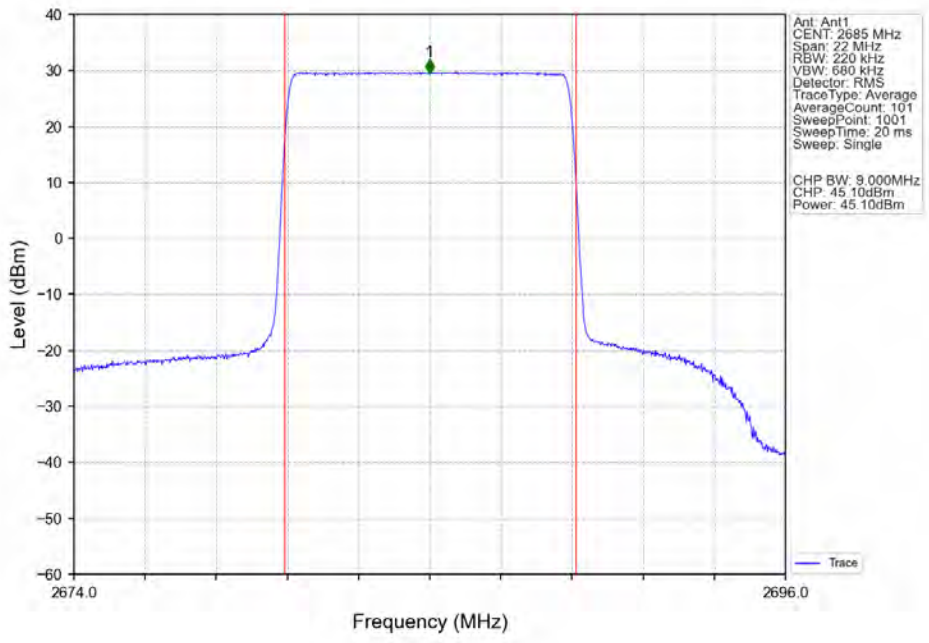
41_Single_NTNV_CC1:10MHz_64QAM_CC1:2593MHz_Ant1



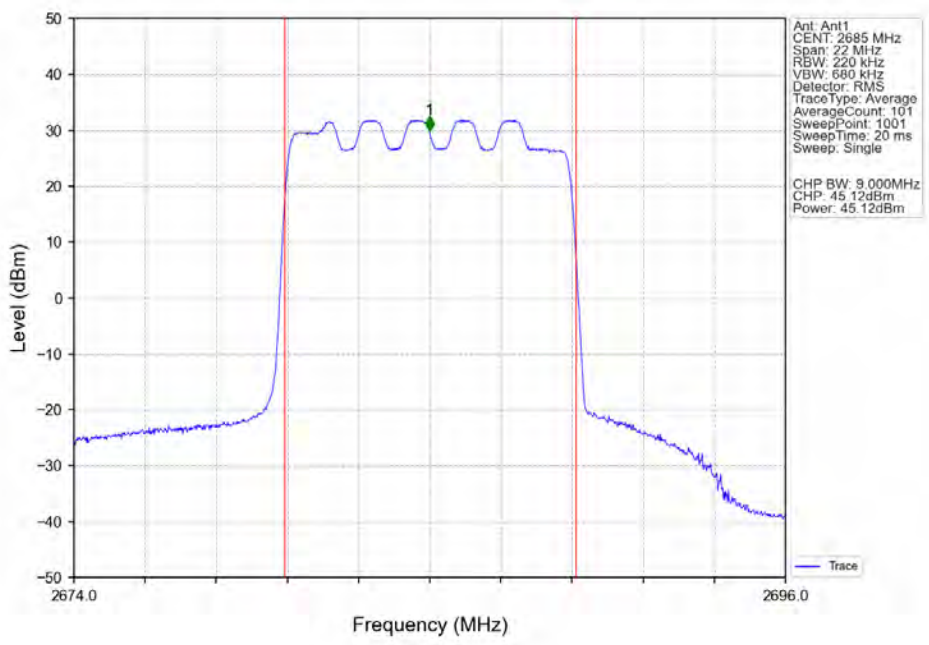
41_Single_NTNV_CC1:10MHz_256QAM_CC1:2593MHz_Ant1



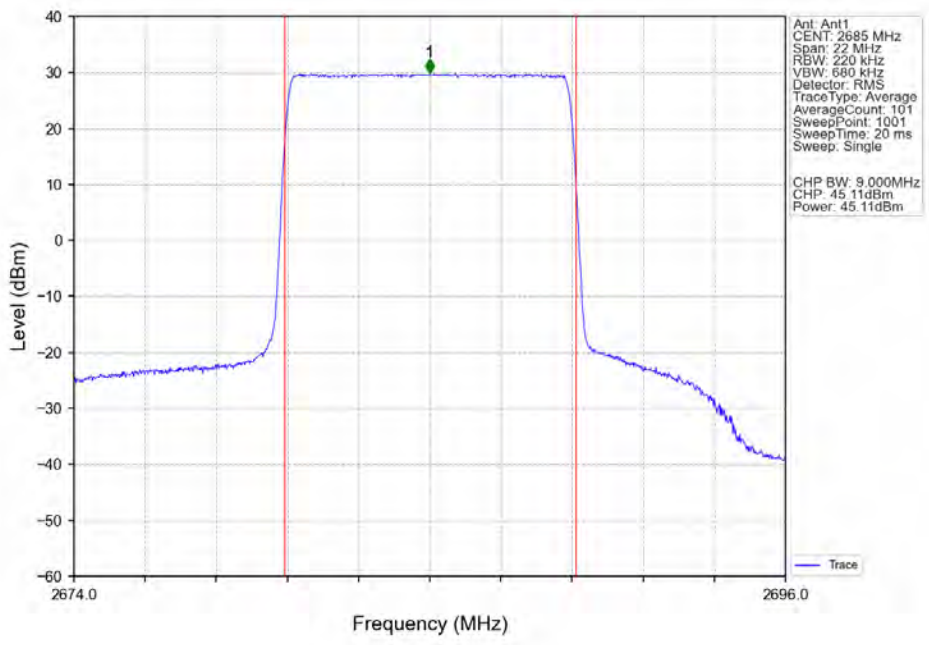
41_Single_NTNV_CC1:10MHz_QPSK_CC1:2685MHz_Ant1



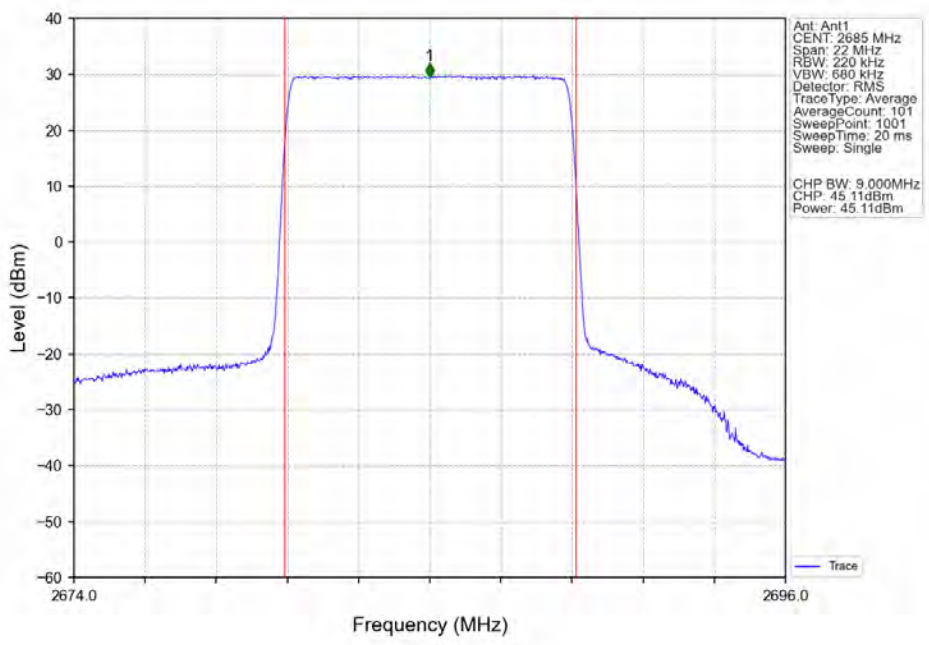
41_Single_NTNV_CC1:10MHz_16QAM_CC1:2685MHz_Ant1



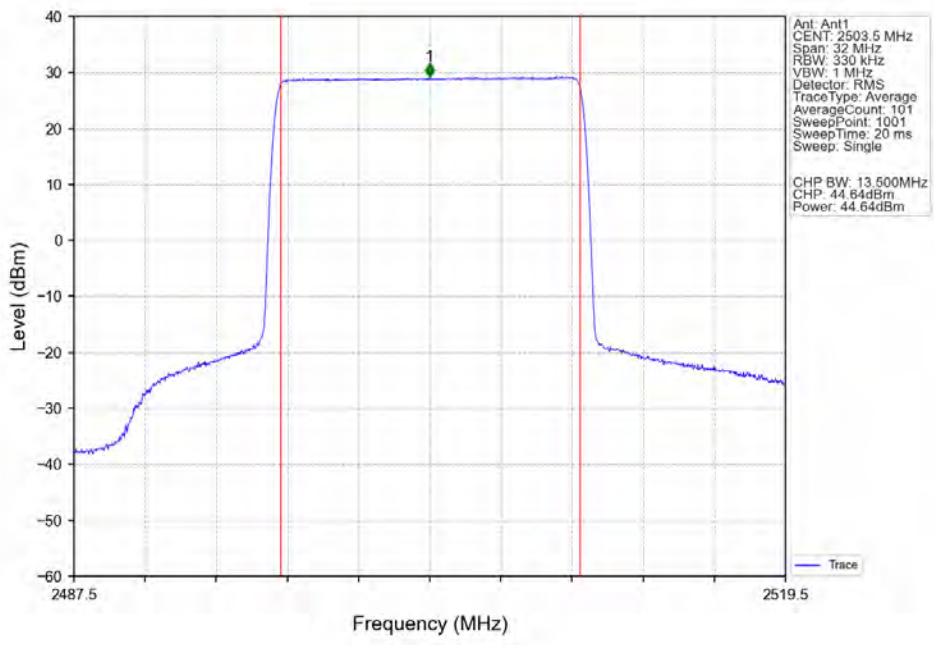
41_Single_NTNV_CC1:10MHz_64QAM_CC1:2685MHz_Ant1



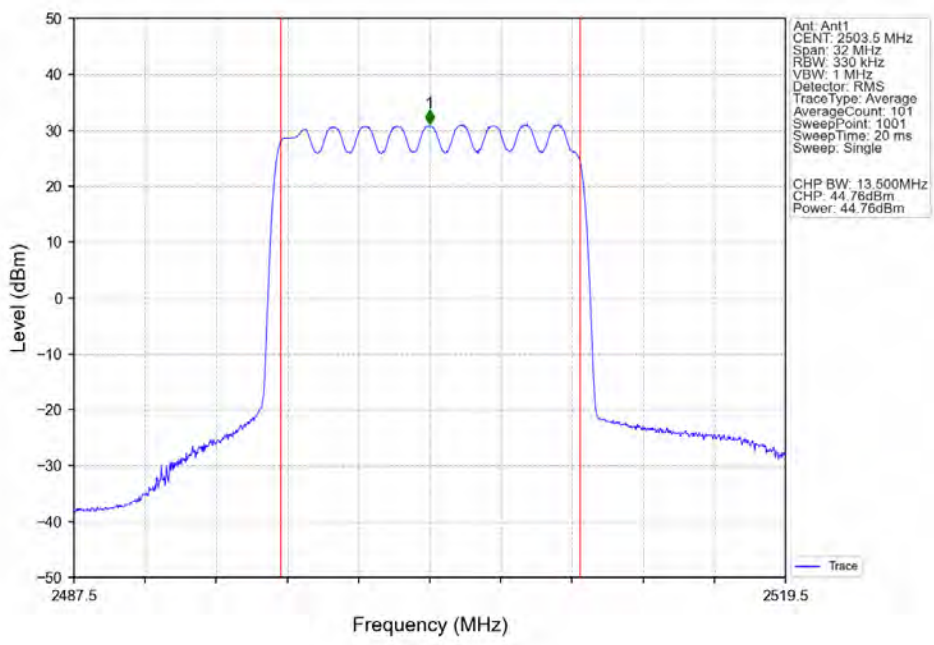
41_Single_NTNV_CC1:10MHz_256QAM_CC1:2685MHz_Ant1



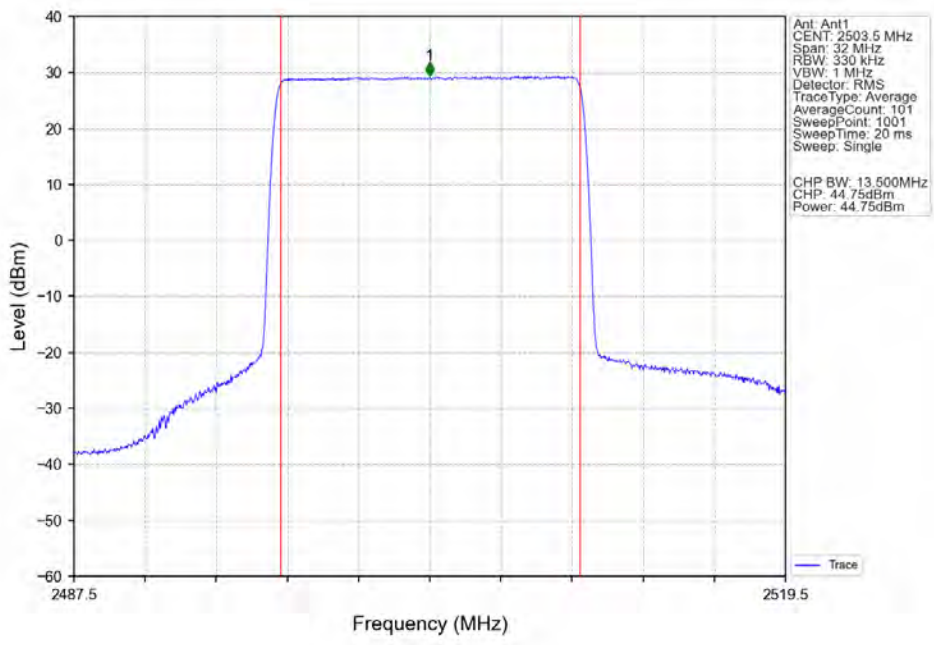
41_Single_NTNV_CC1:15MHz_QPSK_CC1:2503.5MHz_Ant1



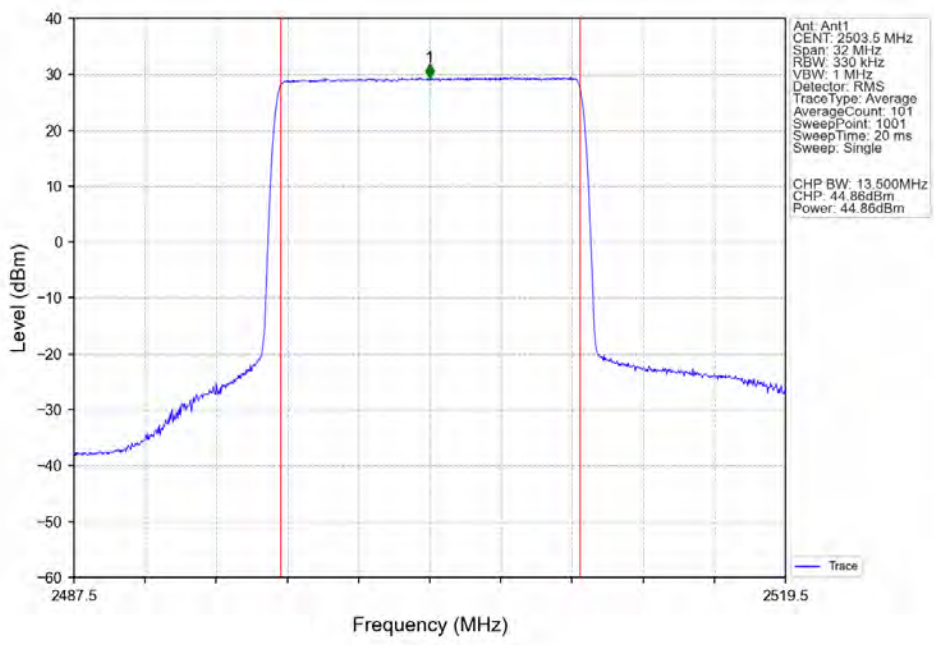
41_Single_NTNV_CC1:15MHz_16QAM_CC1:2503.5MHz_Ant1



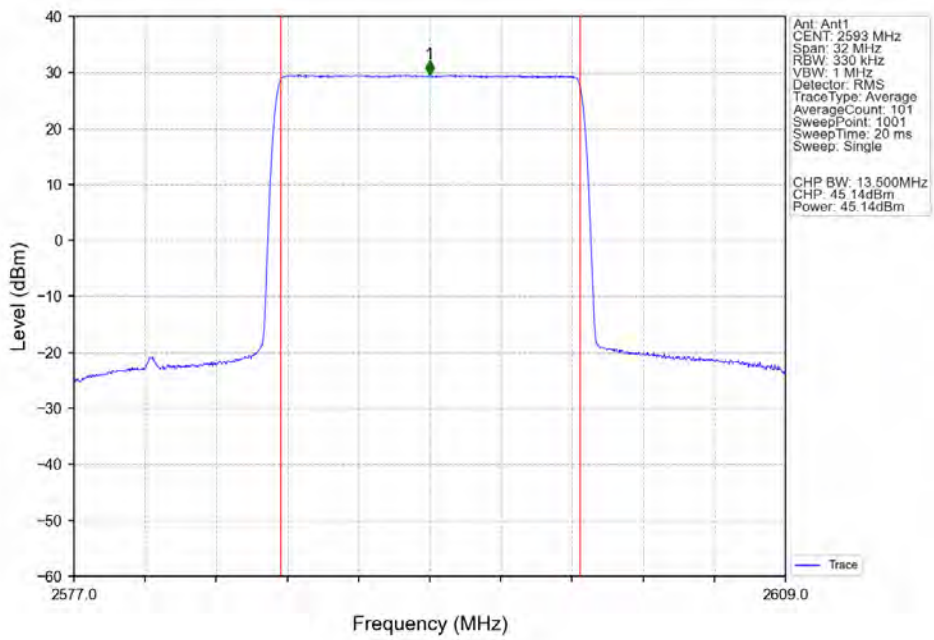
41_Single_NTNV_CC1:15MHz_64QAM_CC1:2503.5MHz_Ant1



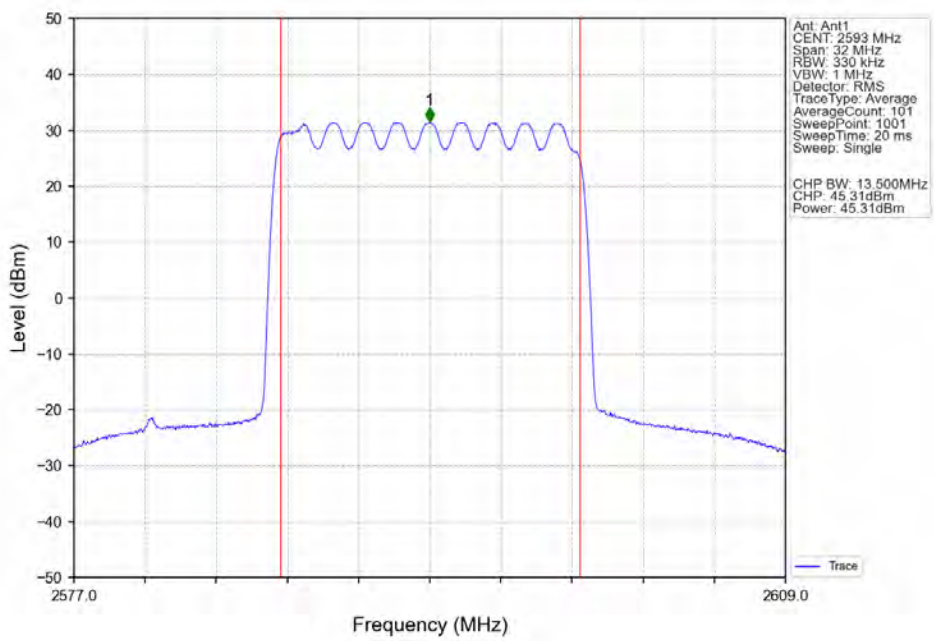
41_Single_NTNV_CC1:15MHz_256QAM_CC1:2503.5MHz_Ant1



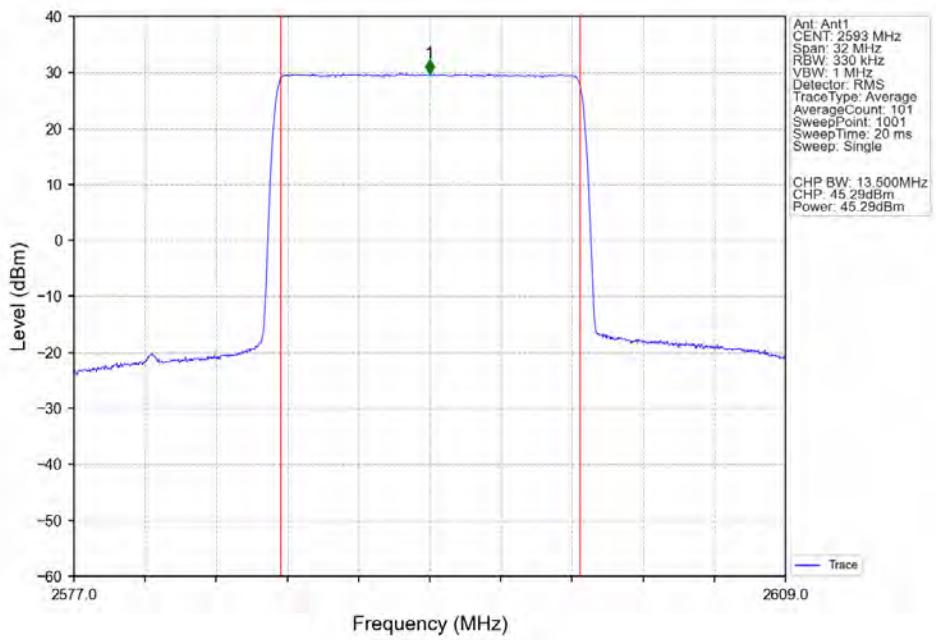
41_Single_NTNV_CC1:15MHz_QPSK_CC1:2593MHz_Ant1



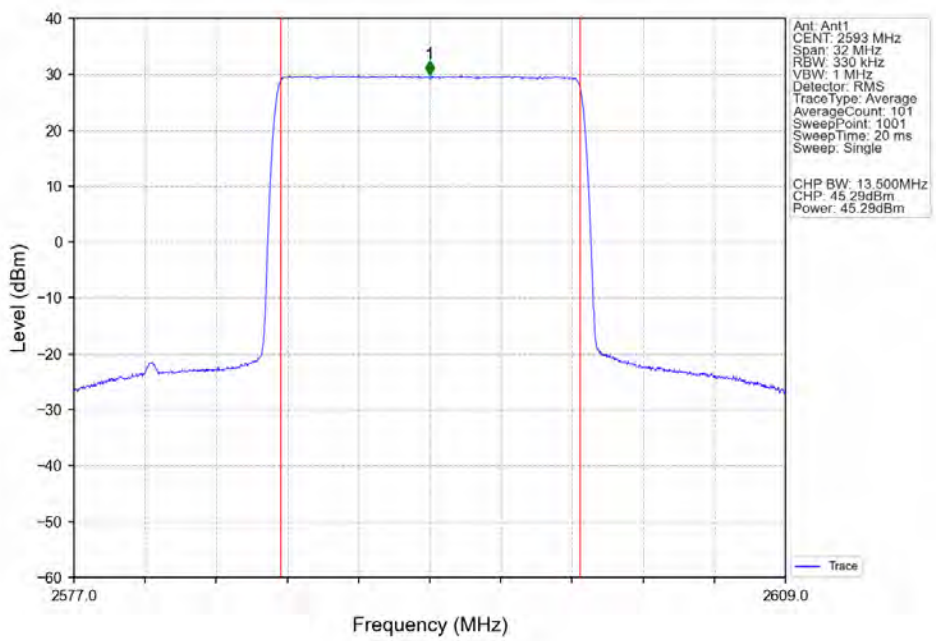
41_Single_NTNV_CC1:15MHz_16QAM_CC1:2593MHz_Ant1



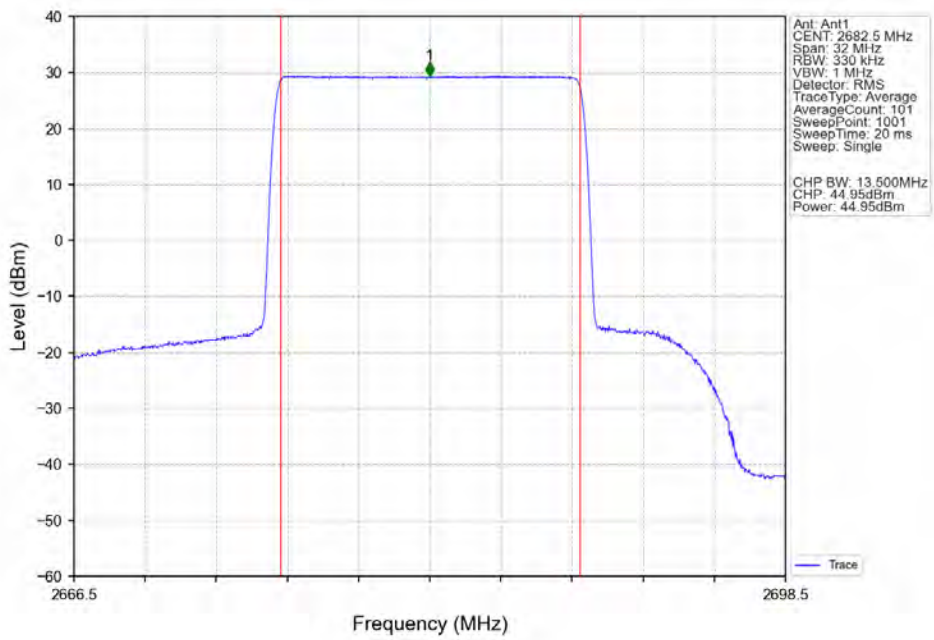
41_Single_NTNV_CC1:15MHz_64QAM_CC1:2593MHz_Ant1



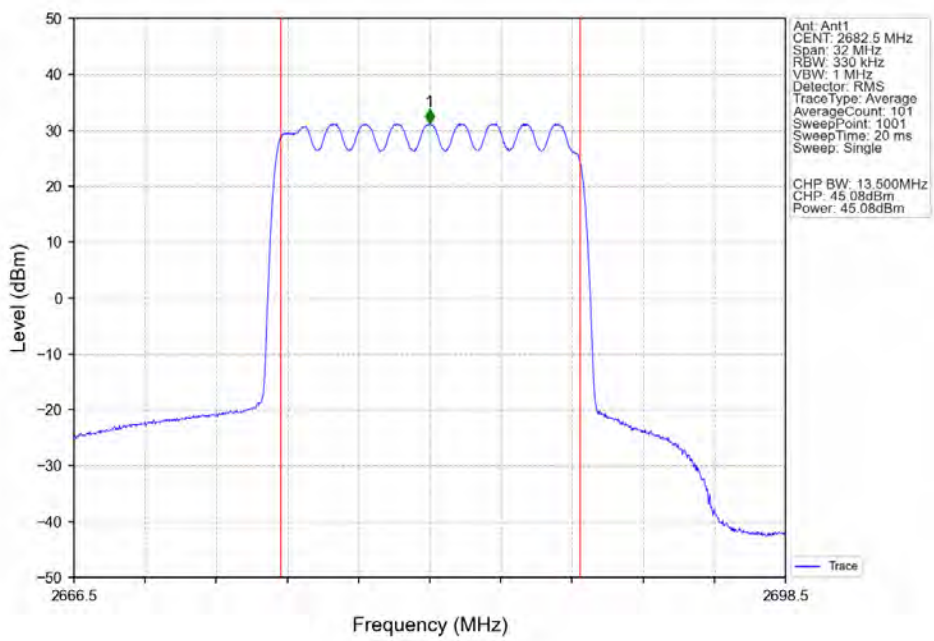
41_Single_NTNV_CC1:15MHz_256QAM_CC1:2593MHz_Ant1



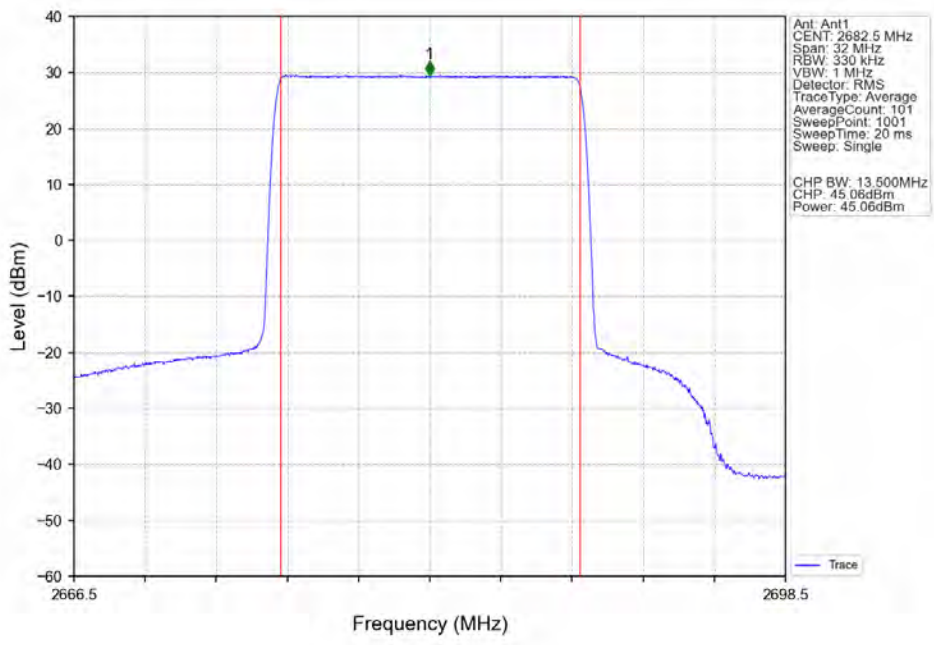
41_Single_NTNV_CC1:15MHz_QPSK_CC1:2682.5MHz_Ant1



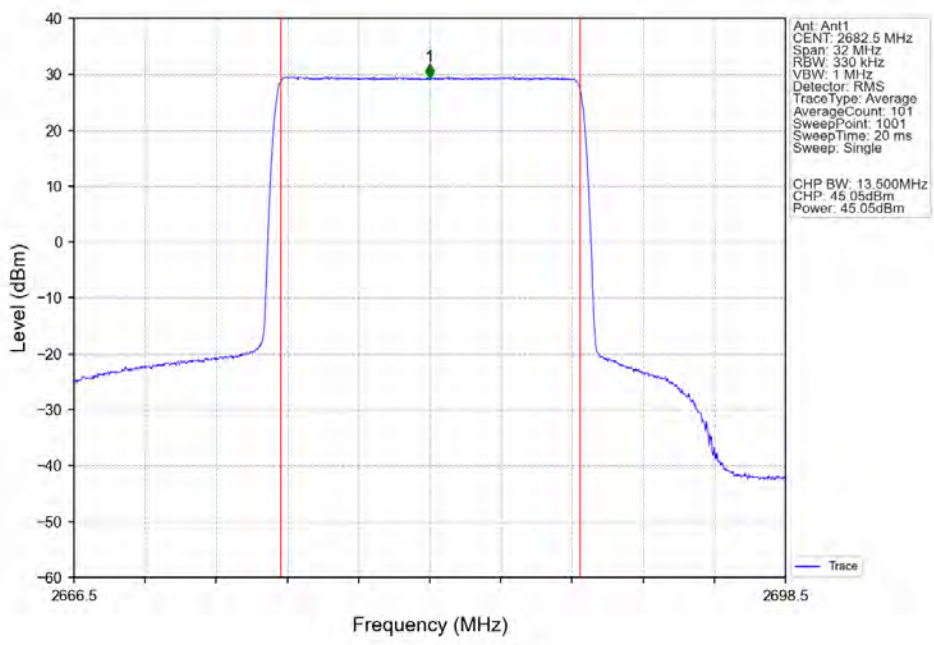
41_Single_NTNV_CC1:15MHz_16QAM_CC1:2682.5MHz_Ant1



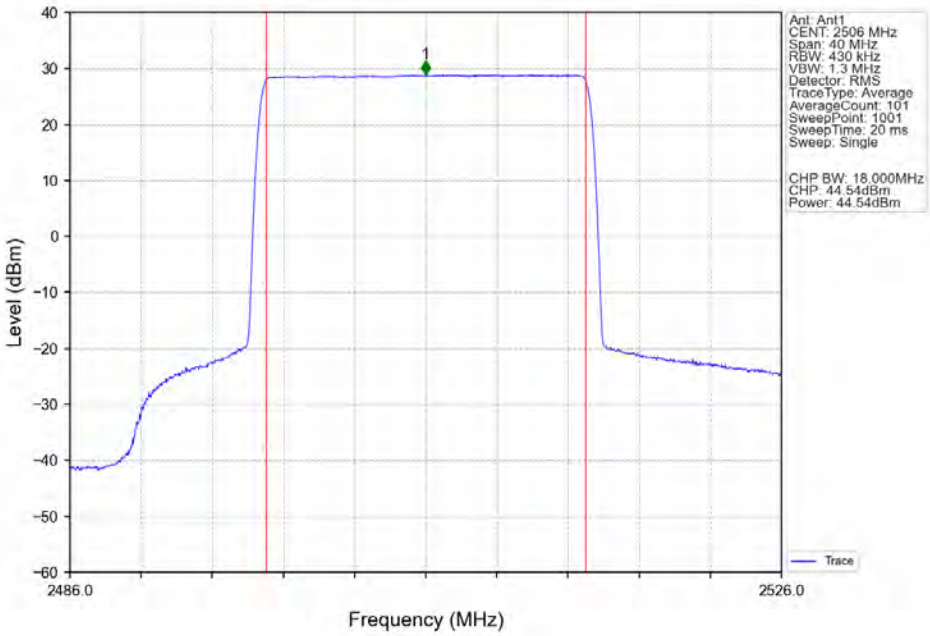
41_Single_NTNV_CC1:15MHz_64QAM_CC1:2682.5MHz_Ant1



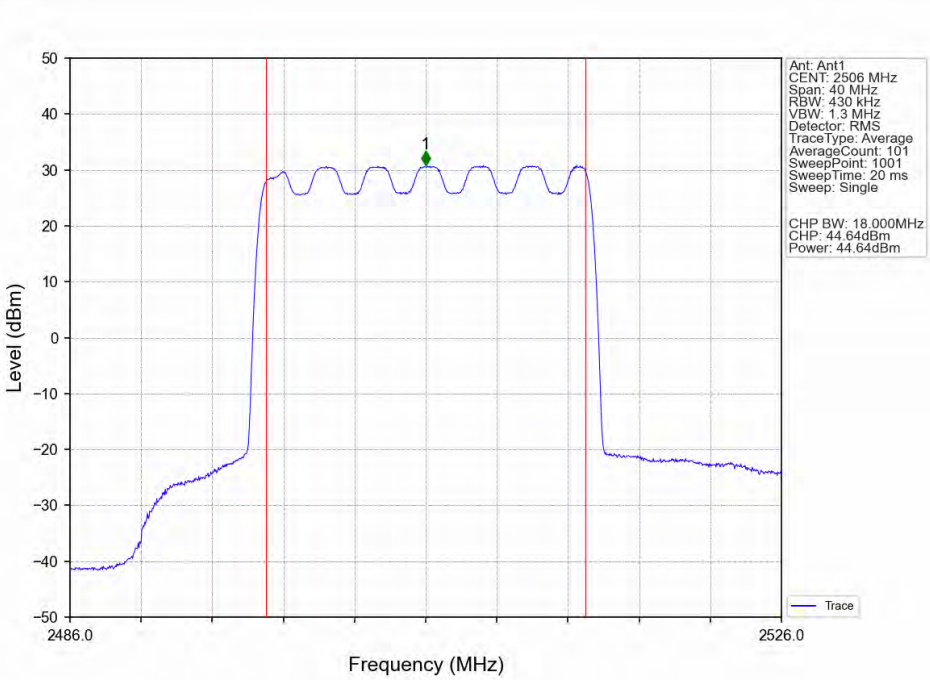
41_Single_NTNV_CC1:15MHz_256QAM_CC1:2682.5MHz_Ant1



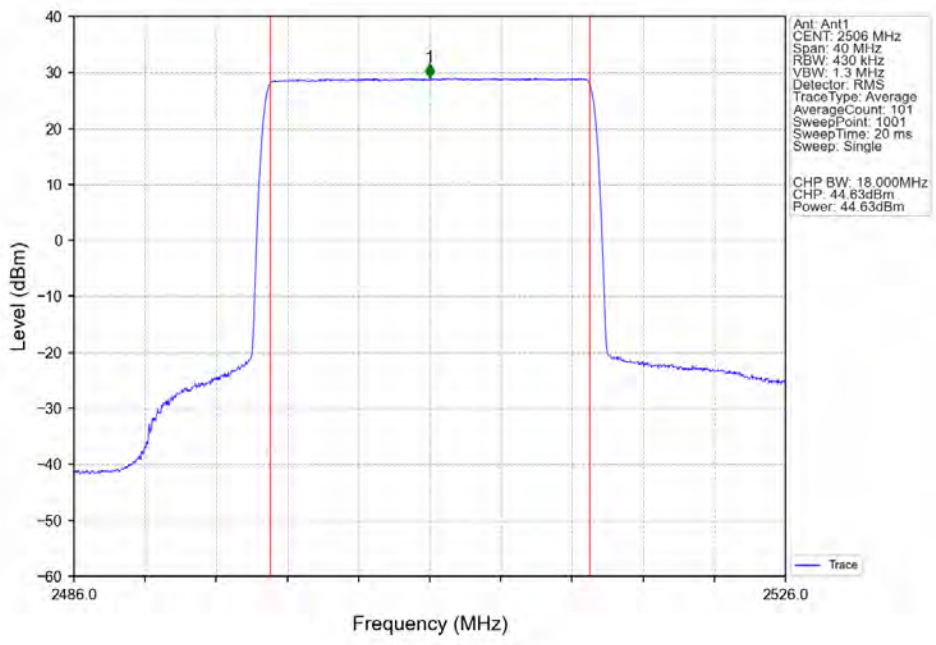
41_Single_NTNV_CC1:20MHz_QPSK_CC1:2506MHz_Ant1



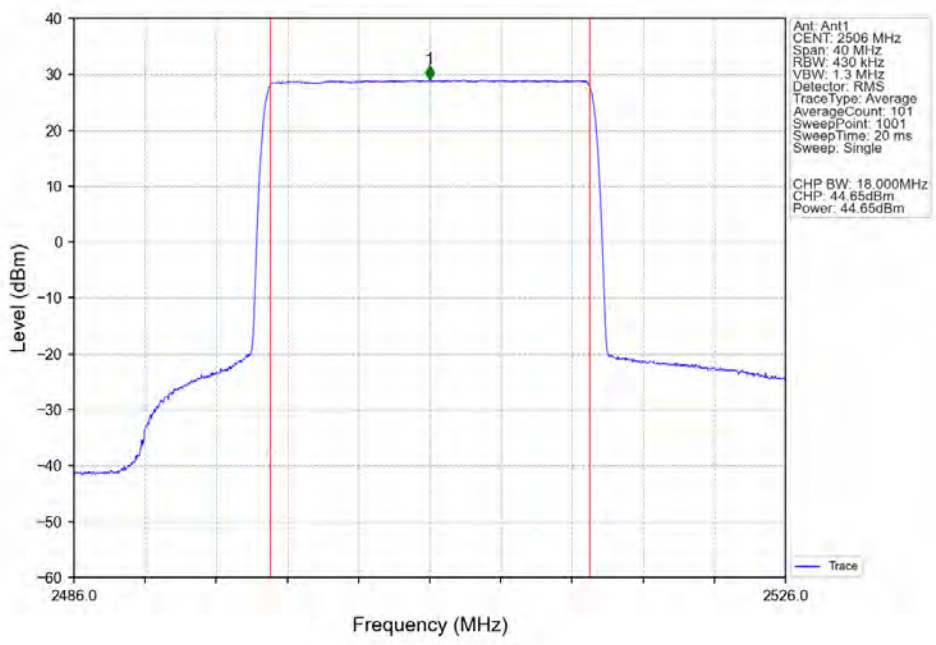
41_Single_NTNV_CC1:20MHz_16QAM_CC1:2506MHz_Ant1



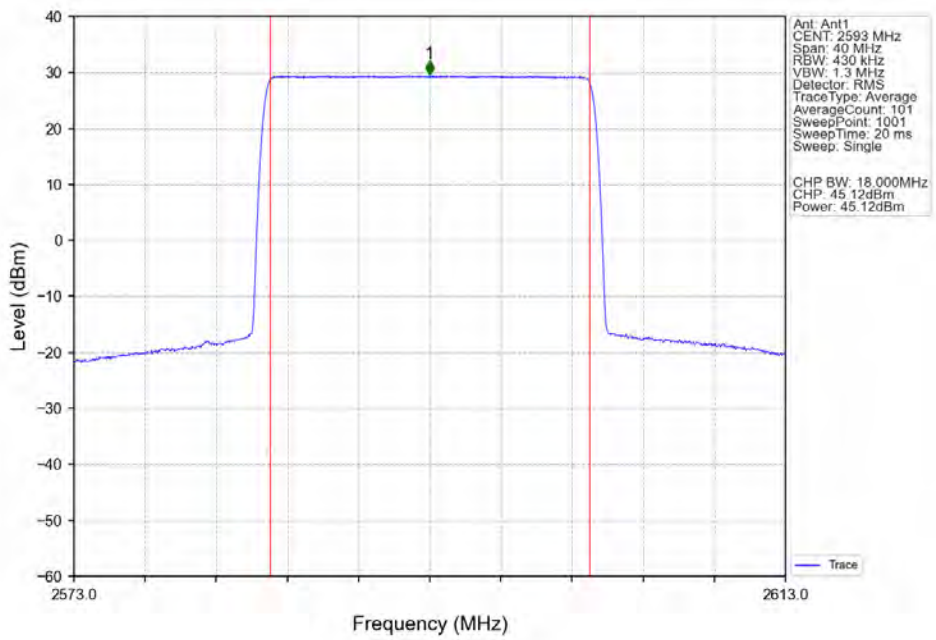
41_Single_NTNV_CC1:20MHz_64QAM_CC1:2506MHz_Ant1



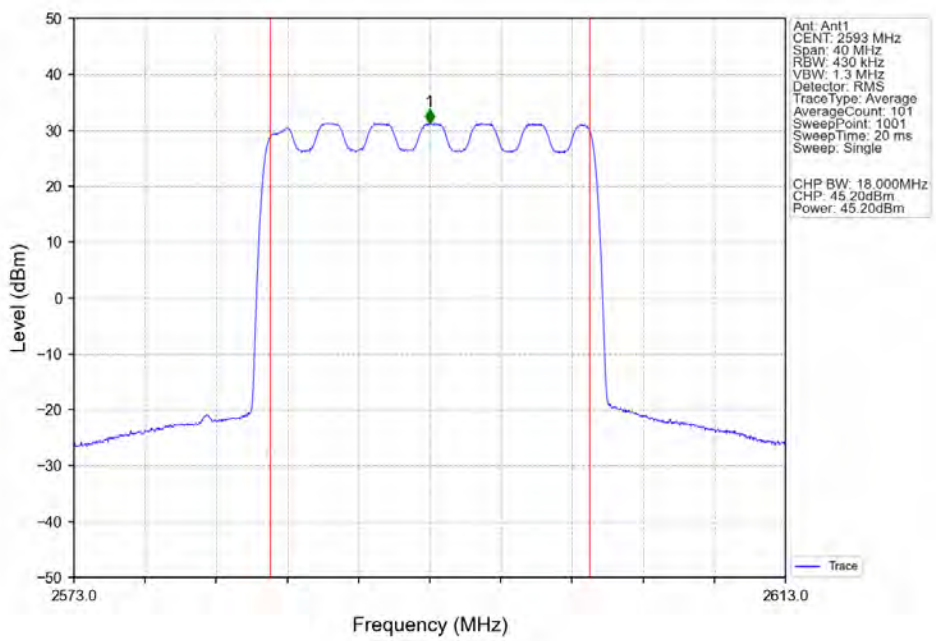
41_Single_NTNV_CC1:20MHz_256QAM_CC1:2506MHz_Ant1



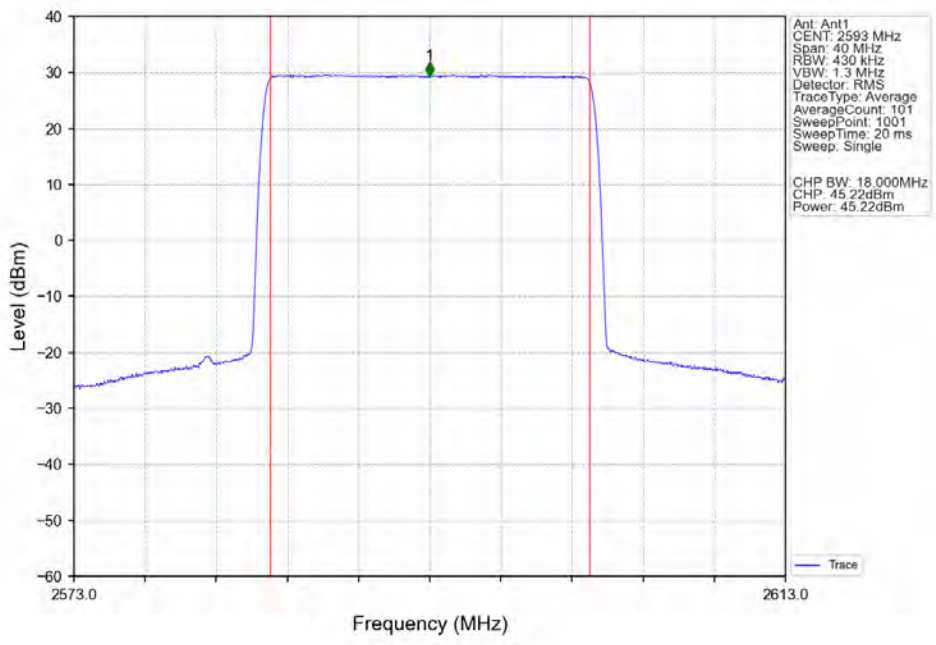
41_Single_NTNV_CC1:20MHz_QPSK_CC1:2593MHz_Ant1



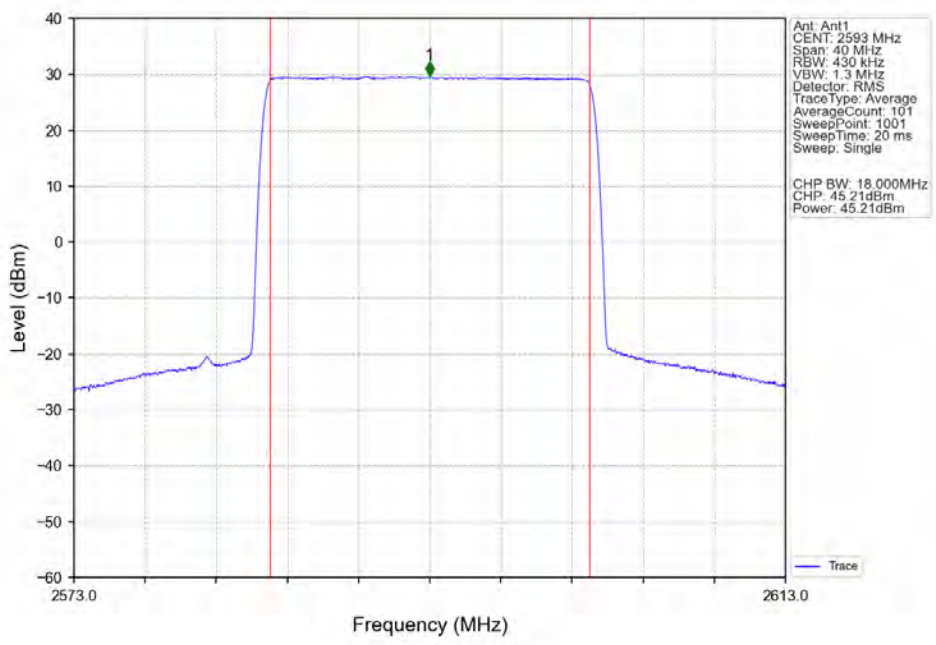
41_Single_NTNV_CC1:20MHz_16QAM_CC1:2593MHz_Ant1



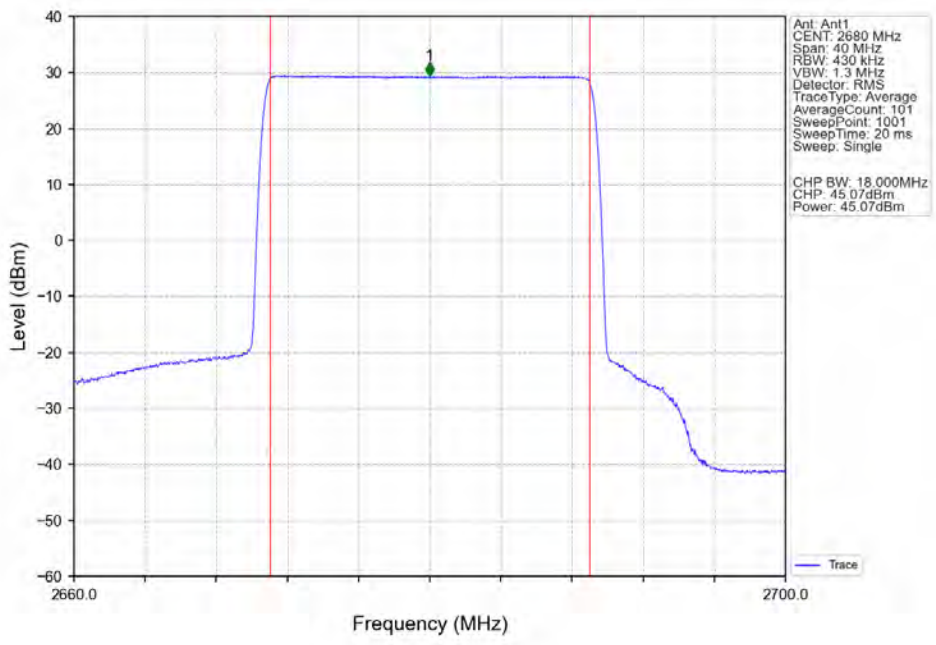
41_Single_NTNV_CC1:20MHz_64QAM_CC1:2593MHz_Ant1



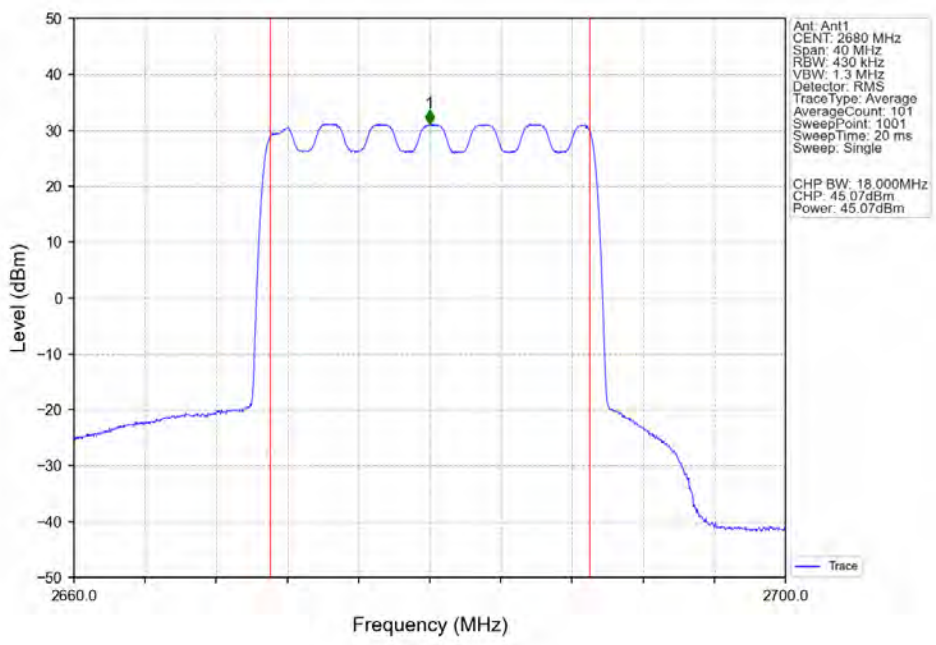
41_Single_NTNV_CC1:20MHz_256QAM_CC1:2593MHz_Ant1



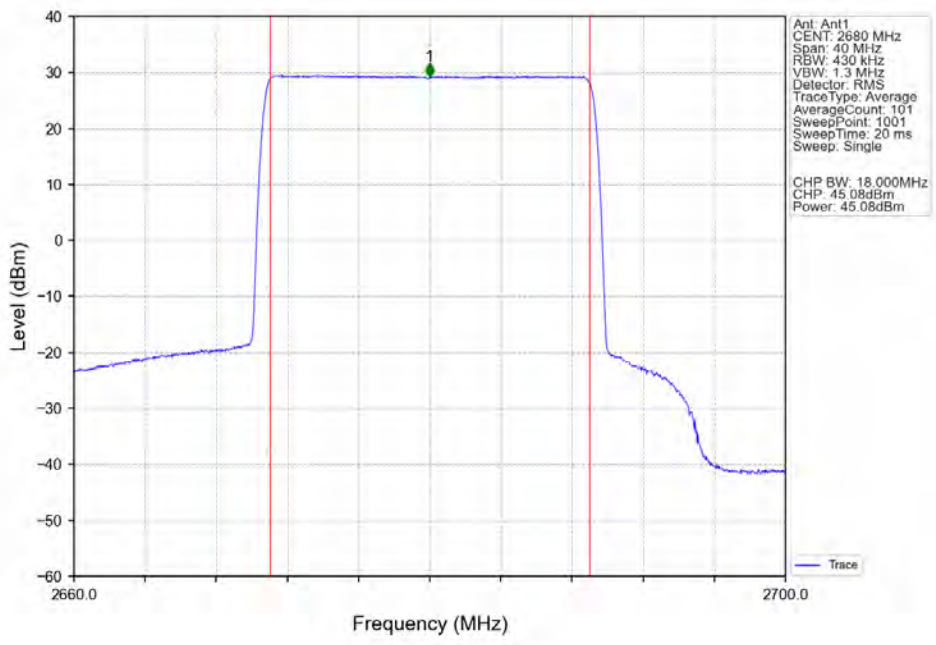
41_Single_NTNV_CC1:20MHz_QPSK_CC1:2680MHz_Ant1



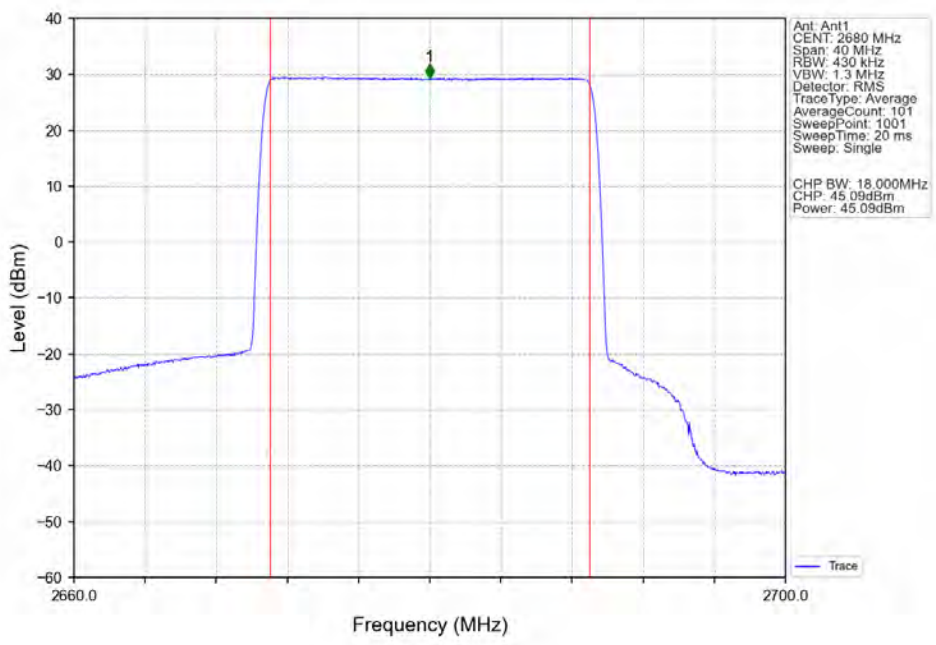
41_Single_NTNV_CC1:20MHz_16QAM_CC1:2680MHz_Ant1



41_Single_NTNV_CC1:20MHz_64QAM_CC1:2680MHz_Ant1



41_Single_NTNV_CC1:20MHz_256QAM_CC1:2680MHz_Ant1



3. Frequency Stability

3.1 Test Result

3.1.1 Single_Ant1

Band 41 Single NTNV Ant1							
BW (MHz)	DL Frequency (MHz)	Test Mode	Temp. (°C)	Voltage (VAC)	Result (MHz)	Limit (MHz)	Verdict
CC1:5	CC1:2498.5	QPSK	20	102	2496.457	>2496	Pass
				120	2496.434	>2496	Pass
				138	2496.429	>2496	Pass
			-30	120	2496.471	>2496	Pass
			-20	120	2496.464	>2496	Pass
			-10	120	2496.451	>2496	Pass
			0	120	2496.463	>2496	Pass
			10	120	2496.445	>2496	Pass
			30	120	2496.432	>2496	Pass
			40	120	2496.415	>2496	Pass
			50	120	2496.423	>2496	Pass
		16QAM	20	102	2496.427	>2496	Pass
				120	2496.419	>2496	Pass
				138	2496.415	>2496	Pass
			-30	120	2496.426	>2496	Pass
			-20	120	2496.455	>2496	Pass
			-10	120	2496.422	>2496	Pass
			0	120	2496.437	>2496	Pass
			10	120	2496.447	>2496	Pass
			30	120	2496.453	>2496	Pass
			40	120	2496.474	>2496	Pass
			50	120	2496.466	>2496	Pass
		64QAM	20	102	2496.485	>2496	Pass
				120	2496.444	>2496	Pass
				138	2496.425	>2496	Pass
			-30	120	2496.438	>2496	Pass
			-20	120	2496.476	>2496	Pass
			-10	120	2496.433	>2496	Pass
			0	120	2496.470	>2496	Pass
			10	120	2496.458	>2496	Pass
			30	120	2496.431	>2496	Pass
			40	120	2496.436	>2496	Pass
			50	120	2496.443	>2496	Pass
		256QAM	20	102	2496.413	>2496	Pass
				120	2496.437	>2496	Pass
				138	2496.436	>2496	Pass
			-30	120	2496.446	>2496	Pass
			-20	120	2496.457	>2496	Pass
			-10	120	2496.483	>2496	Pass
			0	120	2496.467	>2496	Pass
			10	120	2496.434	>2496	Pass
			30	120	2496.480	>2496	Pass
			40	120	2496.462	>2496	Pass
			50	120	2496.473	>2496	Pass
	CC1:2687.5	QPSK	20	102	2689.533	<2690	Pass

				120	2689.515	<2690	Pass
				138	2689.537	<2690	Pass
			-30	120	2689.529	<2690	Pass
			-20	120	2689.532	<2690	Pass
			-10	120	2689.548	<2690	Pass
			0	120	2689.521	<2690	Pass
			10	120	2689.549	<2690	Pass
			30	120	2689.559	<2690	Pass
			40	120	2689.567	<2690	Pass
			50	120	2689.578	<2690	Pass
		16QAM	20	102	2689.542	<2690	Pass
				120	2689.569	<2690	Pass
				138	2689.525	<2690	Pass
			-30	120	2689.545	<2690	Pass
			-20	120	2689.534	<2690	Pass
			-10	120	2689.543	<2690	Pass
			0	120	2689.595	<2690	Pass
			10	120	2689.526	<2690	Pass
			30	120	2689.545	<2690	Pass
			40	120	2689.551	<2690	Pass
			50	120	2689.568	<2690	Pass
		64QAM	20	102	2689.530	<2690	Pass
				120	2689.559	<2690	Pass
				138	2689.570	<2690	Pass
			-30	120	2689.582	<2690	Pass
			-20	120	2689.569	<2690	Pass
			-10	120	2689.544	<2690	Pass
			0	120	2689.591	<2690	Pass
			10	120	2689.520	<2690	Pass
			30	120	2689.518	<2690	Pass
			40	120	2689.564	<2690	Pass
			50	120	2689.571	<2690	Pass
		256QAM	20	102	2689.585	<2690	Pass
				120	2689.568	<2690	Pass
				138	2689.576	<2690	Pass
			-30	120	2689.528	<2690	Pass
			-20	120	2689.543	<2690	Pass
			-10	120	2689.558	<2690	Pass
			0	120	2689.554	<2690	Pass
			10	120	2689.539	<2690	Pass
			30	120	2689.512	<2690	Pass
			40	120	2689.528	<2690	Pass
			50	120	2689.510	<2690	Pass
CC1:10	CC1:2501	QPSK	20	102	2496.357	>2496	Pass
				120	2496.335	>2496	Pass
				138	2496.341	>2496	Pass
			-30	120	2496.368	>2496	Pass
			-20	120	2496.375	>2496	Pass
			-10	120	2496.394	>2496	Pass
			0	120	2496.351	>2496	Pass
			10	120	2496.318	>2496	Pass
			30	120	2496.326	>2496	Pass
			40	120	2496.327	>2496	Pass
			50	120	2496.345	>2496	Pass
		16QAM	20	102	2496.322	>2496	Pass
				120	2496.353	>2496	Pass
				138	2496.349	>2496	Pass
			-30	120	2496.368	>2496	Pass

			-20	120	2496.352	>2496	Pass
			-10	120	2496.369	>2496	Pass
			0	120	2496.307	>2496	Pass
			10	120	2496.318	>2496	Pass
			30	120	2496.332	>2496	Pass
			40	120	2496.385	>2496	Pass
			50	120	2496.376	>2496	Pass
		64QAM	20	102	2496.324	>2496	Pass
				120	2496.346	>2496	Pass
				138	2496.351	>2496	Pass
			-30	120	2496.319	>2496	Pass
			-20	120	2496.339	>2496	Pass
			-10	120	2496.367	>2496	Pass
			0	120	2496.314	>2496	Pass
			10	120	2496.358	>2496	Pass
			30	120	2496.397	>2496	Pass
			40	120	2496.362	>2496	Pass
			50	120	2496.343	>2496	Pass
		256QAM	20	102	2496.374	>2496	Pass
				120	2496.354	>2496	Pass
				138	2496.386	>2496	Pass
			-30	120	2496.373	>2496	Pass
			-20	120	2496.306	>2496	Pass
			-10	120	2496.312	>2496	Pass
			0	120	2496.328	>2496	Pass
			10	120	2496.335	>2496	Pass
			30	120	2496.365	>2496	Pass
			40	120	2496.346	>2496	Pass
			50	120	2496.341	>2496	Pass
	CC1:2685	QPSK	20	102	2689.655	<2690	Pass
				120	2689.645	<2690	Pass
				138	2689.670	<2690	Pass
			-30	120	2689.691	<2690	Pass
			-20	120	2689.648	<2690	Pass
			-10	120	2689.695	<2690	Pass
			0	120	2689.616	<2690	Pass
			10	120	2689.604	<2690	Pass
			30	120	2689.669	<2690	Pass
			40	120	2689.678	<2690	Pass
			50	120	2689.640	<2690	Pass
		16QAM	20	102	2689.673	<2690	Pass
				120	2689.649	<2690	Pass
				138	2689.645	<2690	Pass
			-30	120	2689.655	<2690	Pass
			-20	120	2689.677	<2690	Pass
			-10	120	2689.682	<2690	Pass
			0	120	2689.630	<2690	Pass
			10	120	2689.689	<2690	Pass
			30	120	2689.617	<2690	Pass
			40	120	2689.626	<2690	Pass
			50	120	2689.622	<2690	Pass
		64QAM	20	102	2689.639	<2690	Pass
				120	2689.641	<2690	Pass
				138	2689.609	<2690	Pass
			-30	120	2689.612	<2690	Pass
			-20	120	2689.648	<2690	Pass
			-10	120	2689.639	<2690	Pass
			0	120	2689.675	<2690	Pass

			10	120	2689.623	<2690	Pass
			30	120	2689.635	<2690	Pass
			40	120	2689.679	<2690	Pass
			50	120	2689.690	<2690	Pass
		256QAM	20	102	2689.647	<2690	Pass
				120	2689.654	<2690	Pass
				138	2689.618	<2690	Pass
			-30	120	2689.623	<2690	Pass
			-20	120	2689.665	<2690	Pass
			-10	120	2689.678	<2690	Pass
			0	120	2689.693	<2690	Pass
			10	120	2689.622	<2690	Pass
			30	120	2689.643	<2690	Pass
			40	120	2689.654	<2690	Pass
			50	120	2689.696	<2690	Pass
CC1:15	CC1:2503.5	QPSK	20	102	2496.677	>2496	Pass
				120	2496.663	>2496	Pass
				138	2496.657	>2496	Pass
			-30	120	2496.626	>2496	Pass
			-20	120	2496.641	>2496	Pass
			-10	120	2496.633	>2496	Pass
			0	120	2496.625	>2496	Pass
			10	120	2496.613	>2496	Pass
			30	120	2496.674	>2496	Pass
			40	120	2496.669	>2496	Pass
			50	120	2496.695	>2496	Pass
		16QAM	20	102	2496.687	>2496	Pass
				120	2496.620	>2496	Pass
				138	2496.611	>2496	Pass
			-30	120	2496.605	>2496	Pass
			-20	120	2496.649	>2496	Pass
			-10	120	2496.668	>2496	Pass
			0	120	2496.675	>2496	Pass
			10	120	2496.694	>2496	Pass
			30	120	2496.684	>2496	Pass
			40	120	2496.667	>2496	Pass
			50	120	2496.646	>2496	Pass
		64QAM	20	102	2496.679	>2496	Pass
				120	2496.655	>2496	Pass
				138	2496.637	>2496	Pass
			-30	120	2496.621	>2496	Pass
			-20	120	2496.667	>2496	Pass
			-10	120	2496.603	>2496	Pass
			0	120	2496.652	>2496	Pass
			10	120	2496.677	>2496	Pass
			30	120	2496.664	>2496	Pass
			40	120	2496.627	>2496	Pass
			50	120	2496.636	>2496	Pass
		256QAM	20	102	2496.609	>2496	Pass
				120	2496.645	>2496	Pass
				138	2496.659	>2496	Pass
			-30	120	2496.661	>2496	Pass
			-20	120	2496.679	>2496	Pass
			-10	120	2496.642	>2496	Pass
			0	120	2496.623	>2496	Pass
			10	120	2496.618	>2496	Pass
			30	120	2496.697	>2496	Pass
			40	120	2496.645	>2496	Pass

			50	120	2496.645	>2496	Pass
	CC1:2682.5	QPSK	20	102	2689.386	<2690	Pass
				120	2689.371	<2690	Pass
				138	2689.332	<2690	Pass
			-30	120	2689.343	<2690	Pass
			-20	120	2689.359	<2690	Pass
			-10	120	2689.315	<2690	Pass
			0	120	2689.347	<2690	Pass
			10	120	2689.379	<2690	Pass
			30	120	2689.348	<2690	Pass
			40	120	2689.398	<2690	Pass
			50	120	2689.314	<2690	Pass
		16QAM	20	102	2689.326	<2690	Pass
				120	2689.359	<2690	Pass
				138	2689.374	<2690	Pass
			-30	120	2689.362	<2690	Pass
			-20	120	2689.341	<2690	Pass
			-10	120	2689.319	<2690	Pass
			0	120	2689.328	<2690	Pass
			10	120	2689.331	<2690	Pass
			30	120	2689.310	<2690	Pass
			40	120	2689.396	<2690	Pass
			50	120	2689.382	<2690	Pass
		64QAM	20	102	2689.373	<2690	Pass
				120	2689.348	<2690	Pass
				138	2689.369	<2690	Pass
			-30	120	2689.325	<2690	Pass
			-20	120	2689.338	<2690	Pass
			-10	120	2689.347	<2690	Pass
			0	120	2689.396	<2690	Pass
			10	120	2689.338	<2690	Pass
			30	120	2689.388	<2690	Pass
			40	120	2689.323	<2690	Pass
			50	120	2689.378	<2690	Pass
		256QAM	20	102	2689.341	<2690	Pass
				120	2689.369	<2690	Pass
				138	2689.323	<2690	Pass
			-30	120	2689.318	<2690	Pass
			-20	120	2689.328	<2690	Pass
			-10	120	2689.347	<2690	Pass
			0	120	2689.383	<2690	Pass
			10	120	2689.397	<2690	Pass
			30	120	2689.324	<2690	Pass
			40	120	2689.351	<2690	Pass
			50	120	2689.374	<2690	Pass
CC1:20	CC1:2506	QPSK	20	102	2496.748	>2496	Pass
				120	2496.733	>2496	Pass
				138	2496.721	>2496	Pass
			-30	120	2496.745	>2496	Pass
			-20	120	2496.774	>2496	Pass
			-10	120	2496.769	>2496	Pass
			0	120	2496.765	>2496	Pass
			10	120	2496.717	>2496	Pass
			30	120	2496.735	>2496	Pass
			40	120	2496.726	>2496	Pass
			50	120	2496.786	>2496	Pass
		16QAM	20	102	2496.719	>2496	Pass
				120	2496.779	>2496	Pass

				138	2496.764	>2496	Pass
			-30	120	2496.757	>2496	Pass
			-20	120	2496.712	>2496	Pass
			-10	120	2496.736	>2496	Pass
			0	120	2496.792	>2496	Pass
			10	120	2496.750	>2496	Pass
			30	120	2496.717	>2496	Pass
			40	120	2496.748	>2496	Pass
			50	120	2496.759	>2496	Pass
		64QAM	20	102	2496.778	>2496	Pass
				120	2496.725	>2496	Pass
				138	2496.738	>2496	Pass
			-30	120	2496.741	>2496	Pass
			-20	120	2496.768	>2496	Pass
			-10	120	2496.796	>2496	Pass
			0	120	2496.716	>2496	Pass
			10	120	2496.717	>2496	Pass
			30	120	2496.726	>2496	Pass
			40	120	2496.738	>2496	Pass
			50	120	2496.719	>2496	Pass
		256QAM	20	102	2496.761	>2496	Pass
				120	2496.728	>2496	Pass
				138	2496.713	>2496	Pass
			-30	120	2496.776	>2496	Pass
			-20	120	2496.742	>2496	Pass
			-10	120	2496.707	>2496	Pass
			0	120	2496.713	>2496	Pass
			10	120	2496.720	>2496	Pass
			30	120	2496.789	>2496	Pass
			40	120	2496.719	>2496	Pass
			50	120	2496.757	>2496	Pass
	CC1:2680	QPSK	20	102	2689.239	<2690	Pass
				120	2689.245	<2690	Pass
				138	2689.218	<2690	Pass
			-30	120	2689.281	<2690	Pass
			-20	120	2689.273	<2690	Pass
			-10	120	2689.249	<2690	Pass
			0	120	2689.226	<2690	Pass
			10	120	2689.256	<2690	Pass
			30	120	2689.295	<2690	Pass
			40	120	2689.211	<2690	Pass
			50	120	2689.229	<2690	Pass
		16QAM	20	102	2689.253	<2690	Pass
				120	2689.246	<2690	Pass
				138	2689.286	<2690	Pass
			-30	120	2689.271	<2690	Pass
			-20	120	2689.263	<2690	Pass
			-10	120	2689.296	<2690	Pass
			0	120	2689.218	<2690	Pass
			10	120	2689.216	<2690	Pass
			30	120	2689.270	<2690	Pass
			40	120	2689.214	<2690	Pass
			50	120	2689.288	<2690	Pass
		64QAM	20	102	2689.265	<2690	Pass
				120	2689.275	<2690	Pass
				138	2689.294	<2690	Pass
			-30	120	2689.290	<2690	Pass
			-20	120	2689.238	<2690	Pass

			-10	120	2689.243	<2690	Pass
			0	120	2689.247	<2690	Pass
			10	120	2689.298	<2690	Pass
			30	120	2689.231	<2690	Pass
			40	120	2689.229	<2690	Pass
			50	120	2689.212	<2690	Pass
		256QAM	20	102	2689.239	<2690	Pass
				120	2689.210	<2690	Pass
				138	2689.256	<2690	Pass
			-30	120	2689.273	<2690	Pass
			-20	120	2689.299	<2690	Pass
			-10	120	2689.221	<2690	Pass
			0	120	2689.246	<2690	Pass
			10	120	2689.215	<2690	Pass
			30	120	2689.209	<2690	Pass
			40	120	2689.237	<2690	Pass
			50	120	2689.264	<2690	Pass

4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Single_OBW

Band 41 Single NTNV						
BW (MHz)	DL Frequency (MHz)	Test Mode	Ant No.	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
CC1:5	CC1:2498.5	QPSK	1	4.05	/	Pass
		16QAM	1	4.07	/	Pass
		64QAM	1	4.05	/	Pass
		256QAM	1	4.04	/	Pass
	CC1:2593	QPSK	1	4.04	/	Pass
		16QAM	1	4.05	/	Pass
		64QAM	1	4.02	/	Pass
		256QAM	1	4.04	/	Pass
	CC1:2687.5	QPSK	1	4.04	/	Pass
		16QAM	1	4.05	/	Pass
		64QAM	1	4.06	/	Pass
		256QAM	1	4.05	/	Pass
CC1:10	CC1:2501	QPSK	1	8.73	/	Pass
		16QAM	1	8.60	/	Pass
		64QAM	1	8.68	/	Pass
		256QAM	1	8.67	/	Pass
	CC1:2593	QPSK	1	8.69	/	Pass
		16QAM	1	8.61	/	Pass
		64QAM	1	8.68	/	Pass
		256QAM	1	8.70	/	Pass
	CC1:2685	QPSK	1	8.72	/	Pass
		16QAM	1	8.58	/	Pass
		64QAM	1	8.69	/	Pass
		256QAM	1	8.68	/	Pass
CC1:15	CC1:2503.5	QPSK	1	13.71	/	Pass
		16QAM	1	13.62	/	Pass
		64QAM	1	13.72	/	Pass
		256QAM	1	13.70	/	Pass

	CC1:2593	QPSK	1	13.72	/	Pass
		16QAM	1	13.60	/	Pass
		64QAM	1	13.70	/	Pass
		256QAM	1	13.72	/	Pass
	CC1:2682.5	QPSK	1	13.71	/	Pass
		16QAM	1	13.61	/	Pass
		64QAM	1	13.73	/	Pass
		256QAM	1	13.72	/	Pass
CC1:20	CC1:2506	QPSK	1	18.39	/	Pass
		16QAM	1	18.42	/	Pass
		64QAM	1	18.40	/	Pass
		256QAM	1	18.40	/	Pass
	CC1:2593	QPSK	1	18.38	/	Pass
		16QAM	1	18.47	/	Pass
		64QAM	1	18.41	/	Pass
		256QAM	1	18.40	/	Pass
	CC1:2680	QPSK	1	18.41	/	Pass
		16QAM	1	18.46	/	Pass
		64QAM	1	18.41	/	Pass
		256QAM	1	18.42	/	Pass

4.1.2 Single_XDB

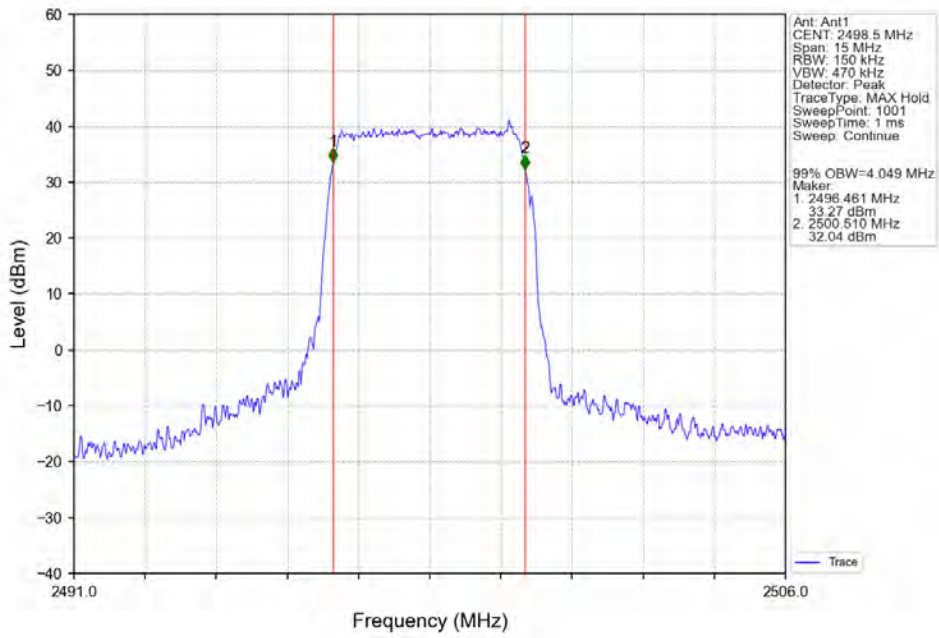
Band 41 Single NTNV						
BW (MHz)	DL Frequency (MHz)	Test Mode	Ant No.	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
CC1:5	CC1:2498.5	QPSK	1	4.51	/	Pass
		16QAM	1	4.50	/	Pass
		64QAM	1	4.50	/	Pass
		256QAM	1	4.50	/	Pass
	CC1:2593	QPSK	1	4.51	/	Pass
		16QAM	1	4.50	/	Pass
		64QAM	1	4.51	/	Pass
		256QAM	1	4.51	/	Pass
	CC1:2687.5	QPSK	1	4.50	/	Pass
		16QAM	1	4.49	/	Pass
		64QAM	1	4.51	/	Pass
		256QAM	1	4.53	/	Pass
CC1:10	CC1:2501	QPSK	1	9.43	/	Pass
		16QAM	1	9.37	/	Pass
		64QAM	1	9.46	/	Pass
		256QAM	1	9.43	/	Pass
	CC1:2593	QPSK	1	9.46	/	Pass
		16QAM	1	9.39	/	Pass
		64QAM	1	9.44	/	Pass
		256QAM	1	9.48	/	Pass
	CC1:2685	QPSK	1	9.49	/	Pass
		16QAM	1	9.35	/	Pass
		64QAM	1	9.45	/	Pass
		256QAM	1	9.44	/	Pass
CC1:15	CC1:2503.5	QPSK	1	14.85	/	Pass
		16QAM	1	14.73	/	Pass
		64QAM	1	14.83	/	Pass
		256QAM	1	14.82	/	Pass
	CC1:2593	QPSK	1	14.77	/	Pass
		16QAM	1	14.68	/	Pass

		64QAM	1	14.76	/	Pass
		256QAM	1	14.77	/	Pass
	CC1:2682.5	QPSK	1	14.79	/	Pass
		16QAM	1	14.73	/	Pass
		64QAM	1	14.81	/	Pass
		256QAM	1	14.82	/	Pass
CC1:20	CC1:2506	QPSK	1	19.77	/	Pass
		16QAM	1	19.72	/	Pass
		64QAM	1	19.81	/	Pass
		256QAM	1	19.76	/	Pass
	CC1:2593	QPSK	1	19.77	/	Pass
		16QAM	1	19.76	/	Pass
		64QAM	1	19.82	/	Pass
		256QAM	1	19.80	/	Pass
	CC1:2680	QPSK	1	19.80	/	Pass
		16QAM	1	19.79	/	Pass
		64QAM	1	19.75	/	Pass
		256QAM	1	19.76	/	Pass

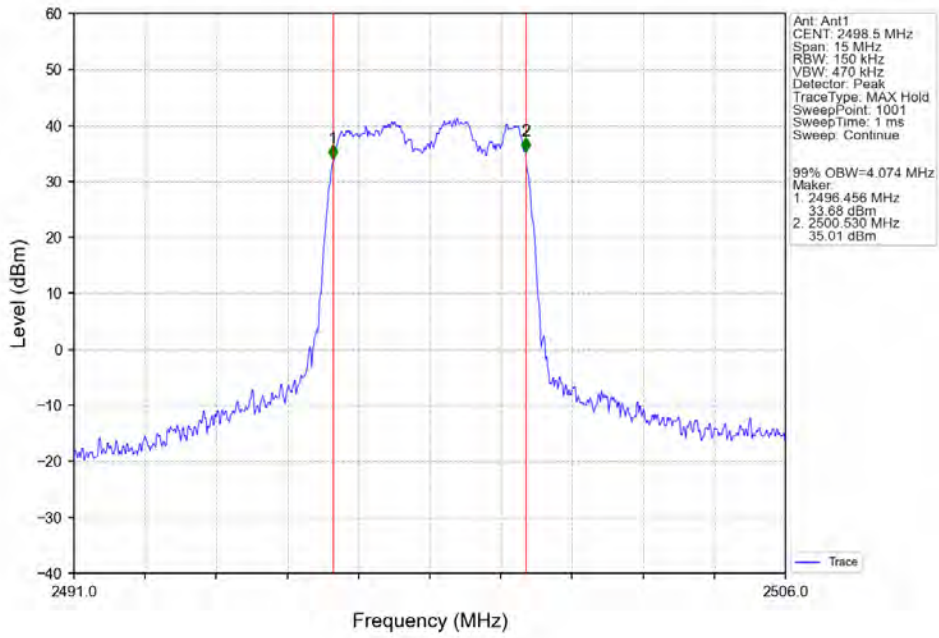
4.2 Test Graph

4.2.1 Single_OBW

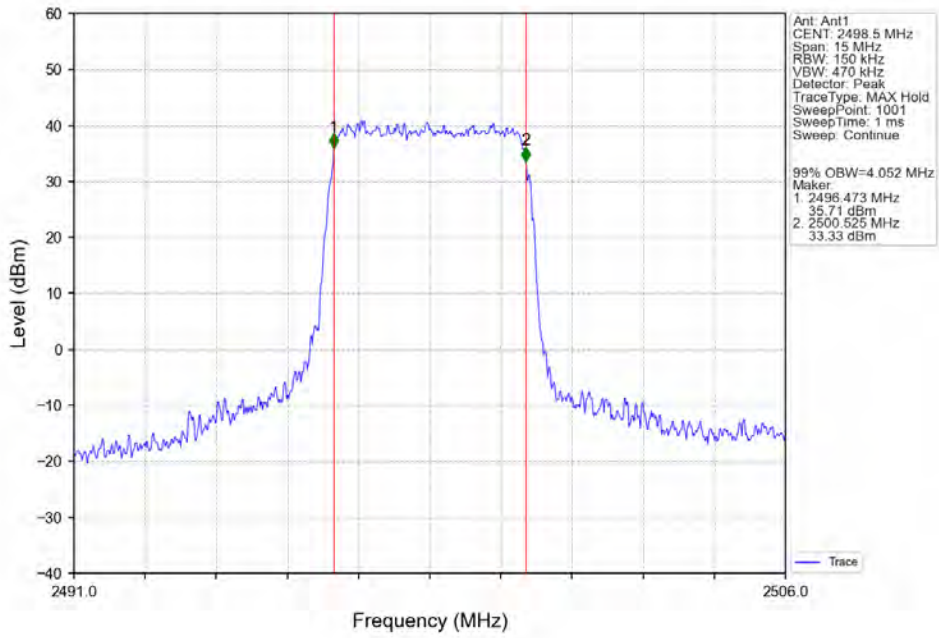
41_Single_NTNV_CC1:5MHz_QPSK_CC1:2498.5MHz_Ant1



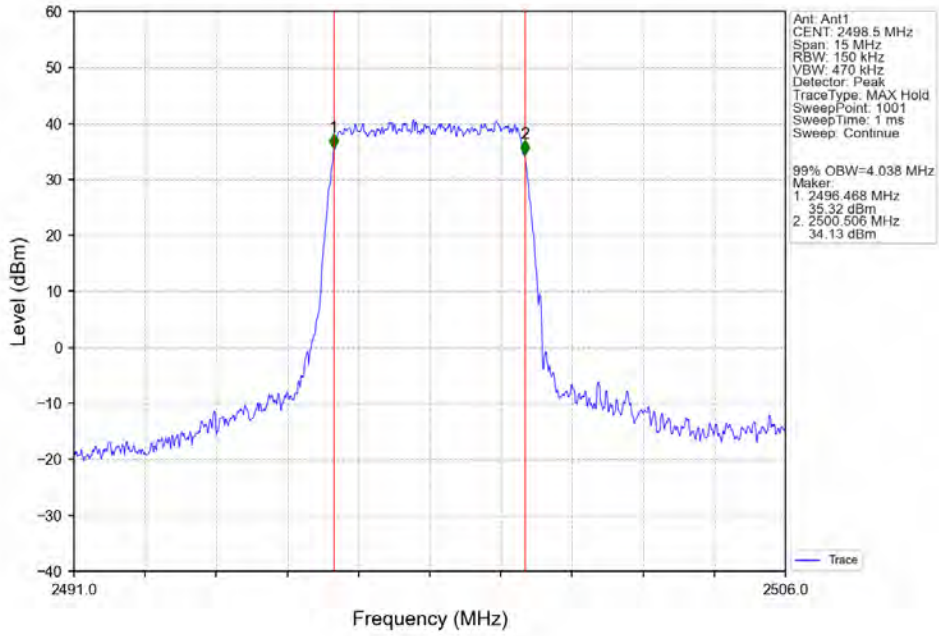
41_Single_NTNV_CC1:5MHz_16QAM_CC1:2498.5MHz_Ant1



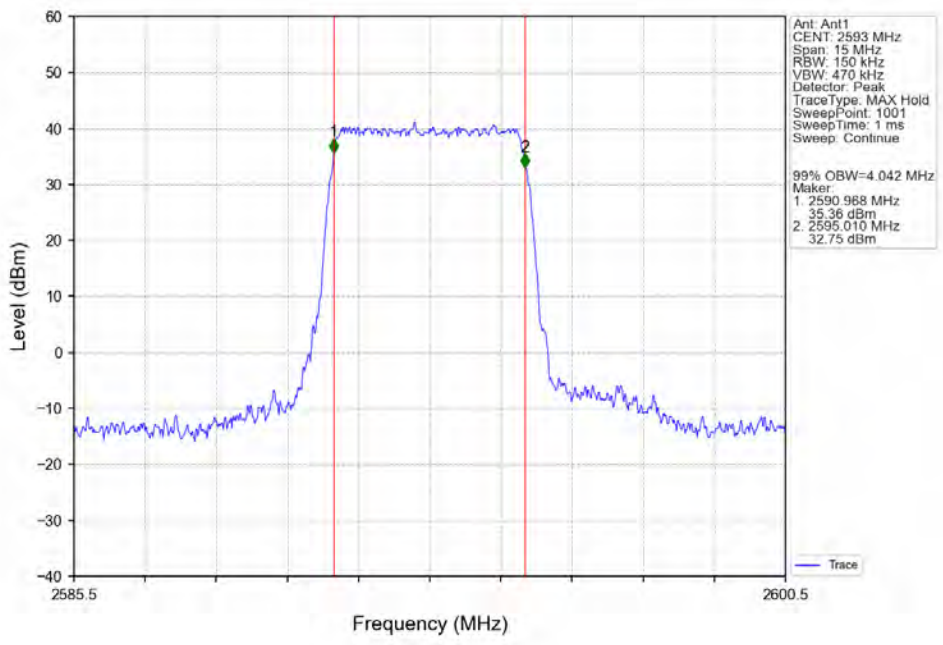
41_Single_NTNV_CC1:5MHz_64QAM_CC1:2498.5MHz_Ant1



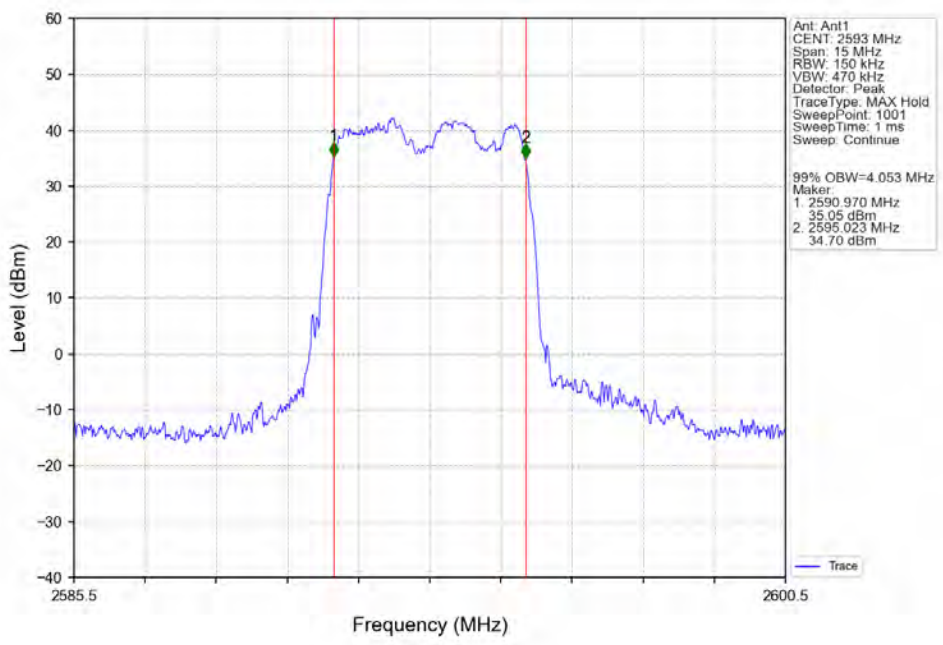
41_Single_NTNV_CC1:5MHz_256QAM_CC1:2498.5MHz_Ant1



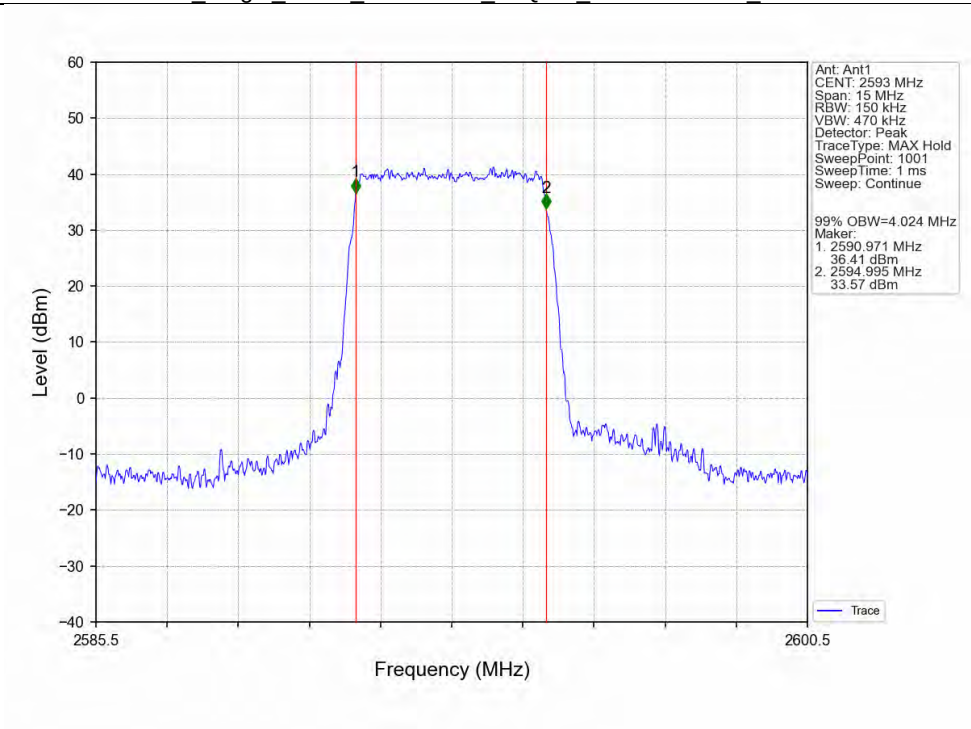
41_Single_NTNV_CC1:5MHz_QPSK_CC1:2593MHz_Ant1



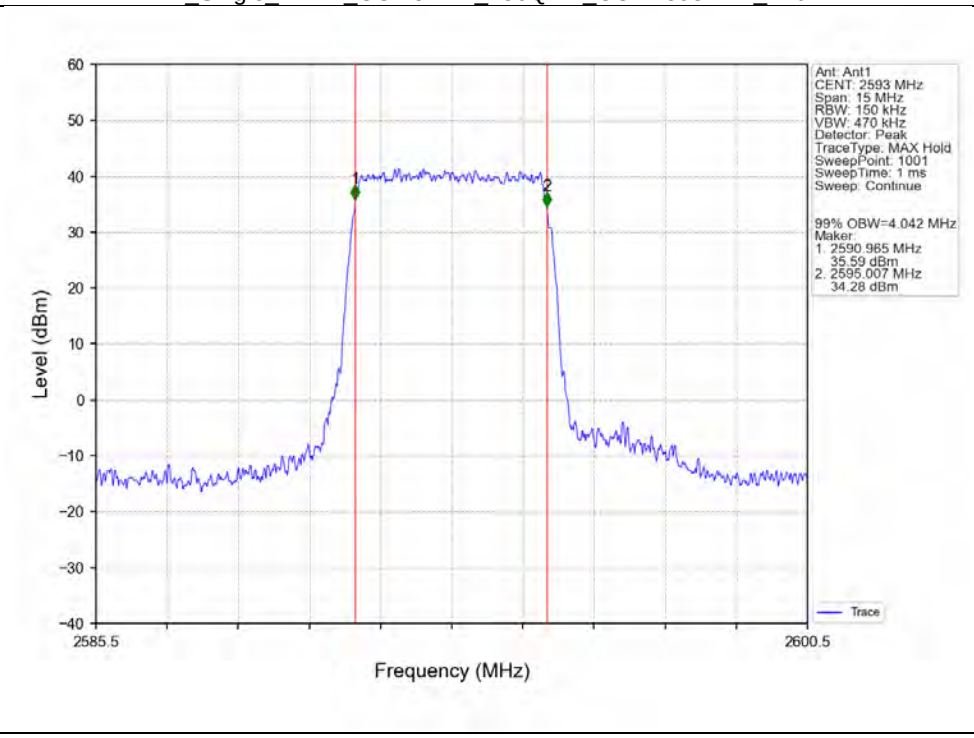
41_Single_NTNV_CC1:5MHz_16QAM_CC1:2593MHz_Ant1



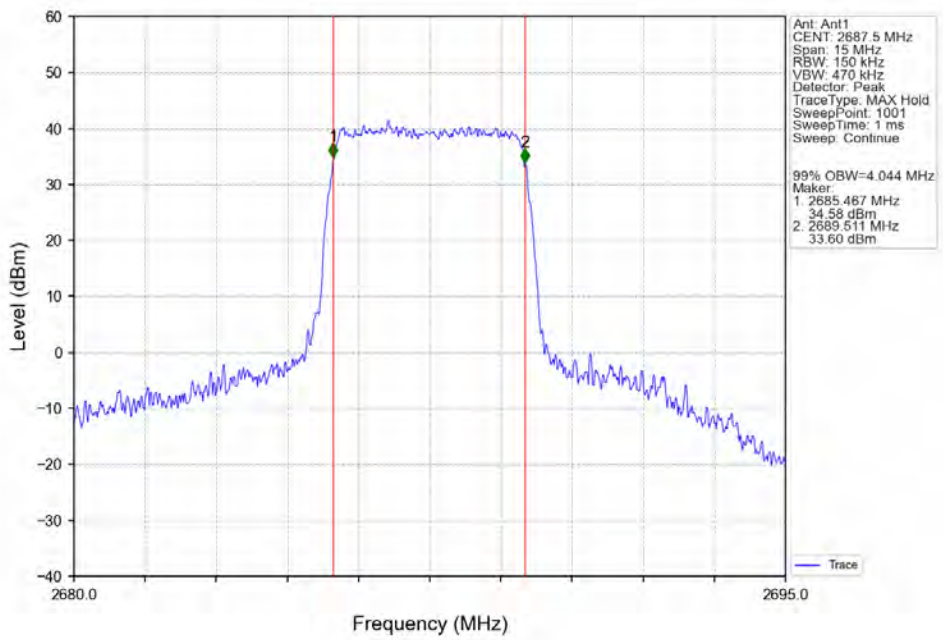
41_Single_NTNV_CC1:5MHz_64QAM_CC1:2593MHz_Ant1



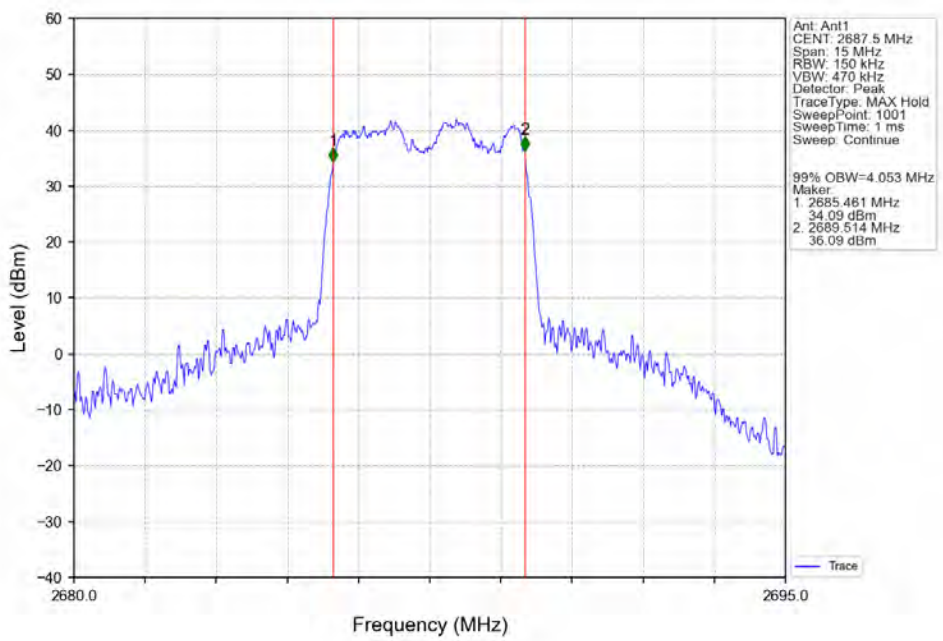
41_Single_NTNV_CC1:5MHz_256QAM_CC1:2593MHz_Ant1



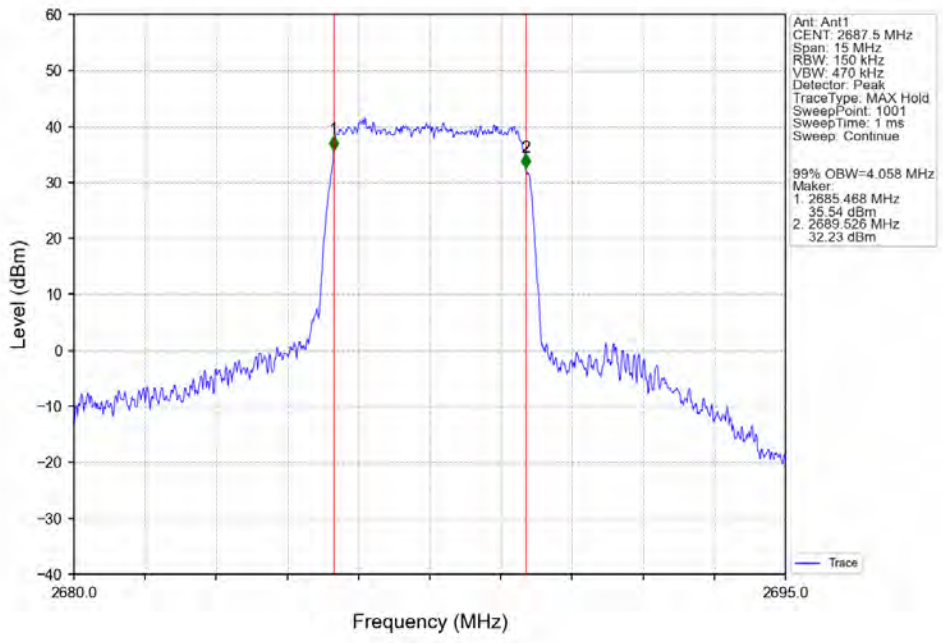
41_Single_NTNV_CC1:5MHz_QPSK_CC1:2687.5MHz_Ant1



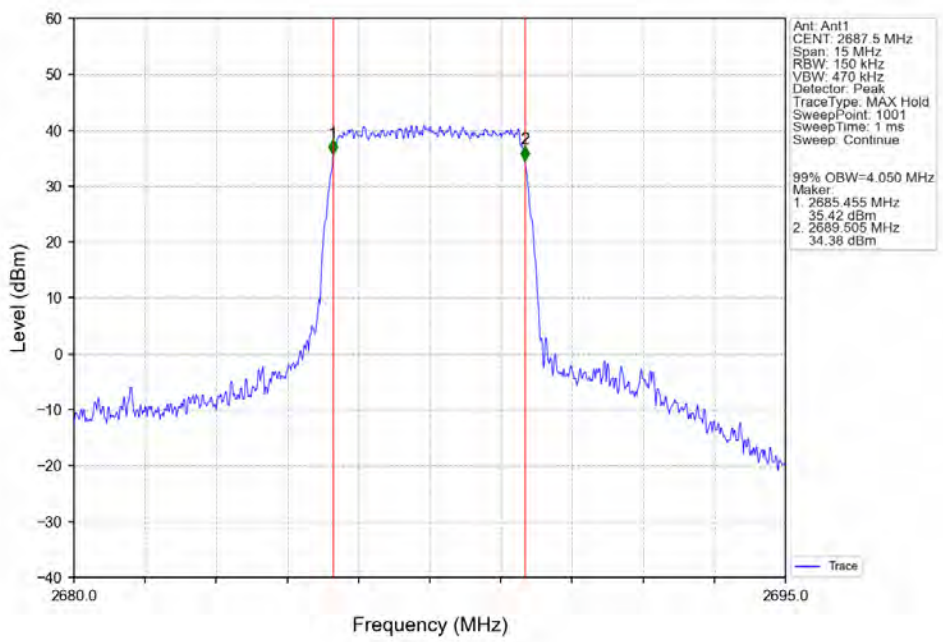
41_Single_NTNV_CC1:5MHz_16QAM_CC1:2687.5MHz_Ant1



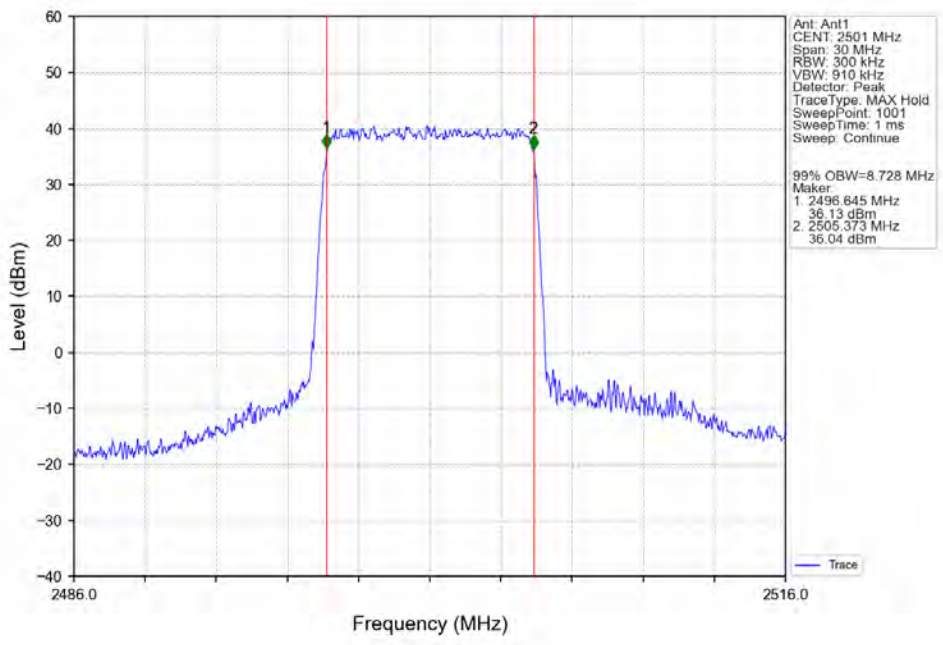
41_Single_NTNV_CC1:5MHz_64QAM_CC1:2687.5MHz_Ant1



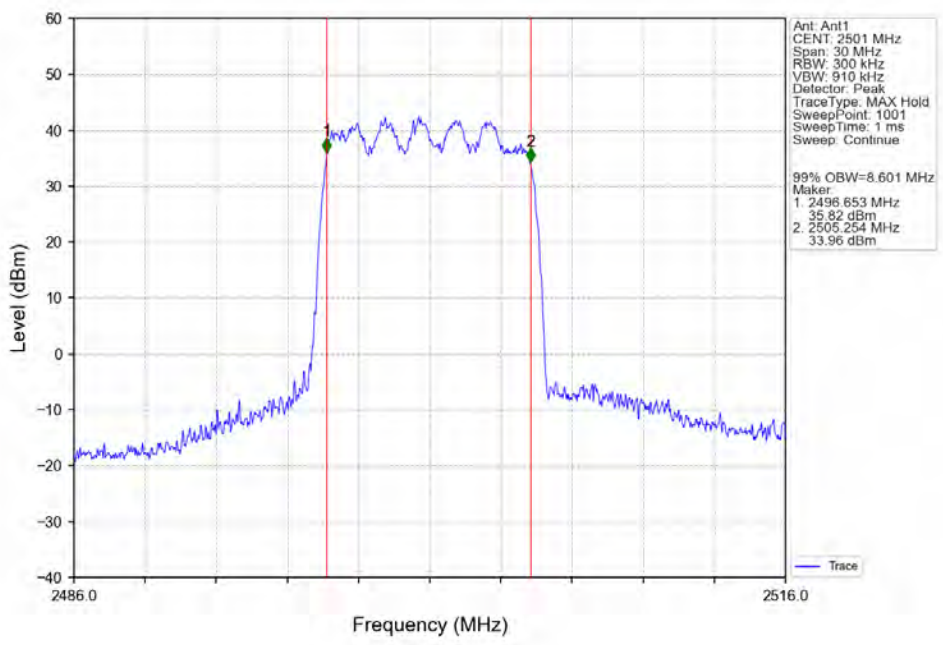
41_Single_NTNV_CC1:5MHz_256QAM_CC1:2687.5MHz_Ant1



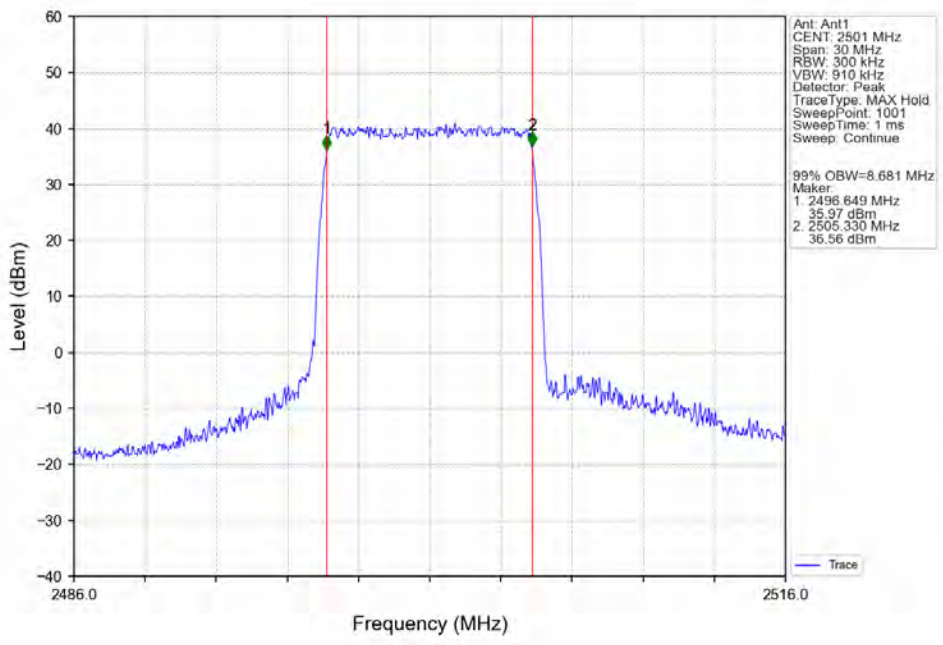
41_Single_NTNV_CC1:10MHz_QPSK_CC1:2501MHz_Ant1



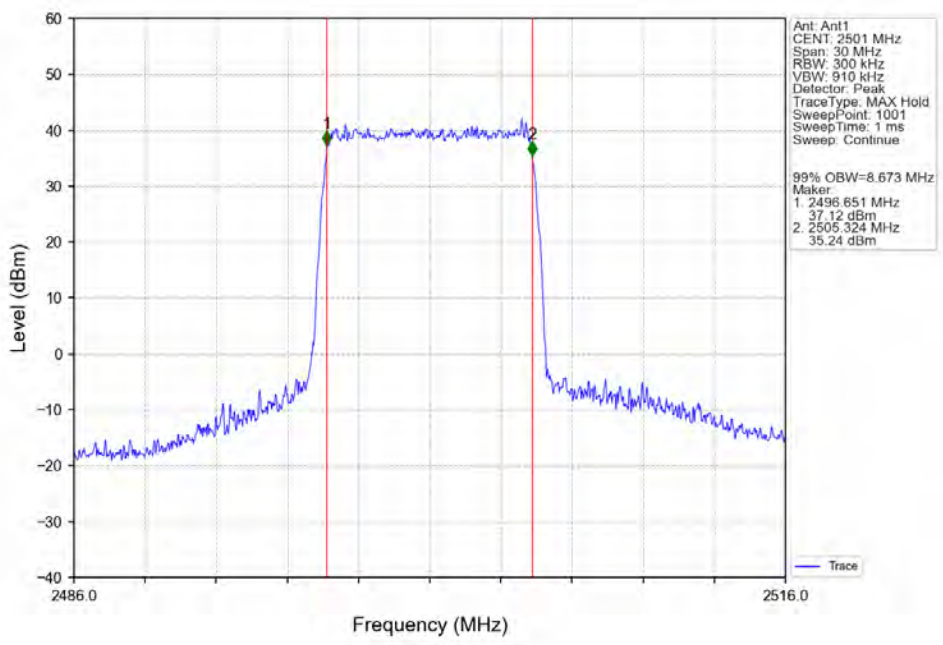
41_Single_NTNV_CC1:10MHz_16QAM_CC1:2501MHz_Ant1



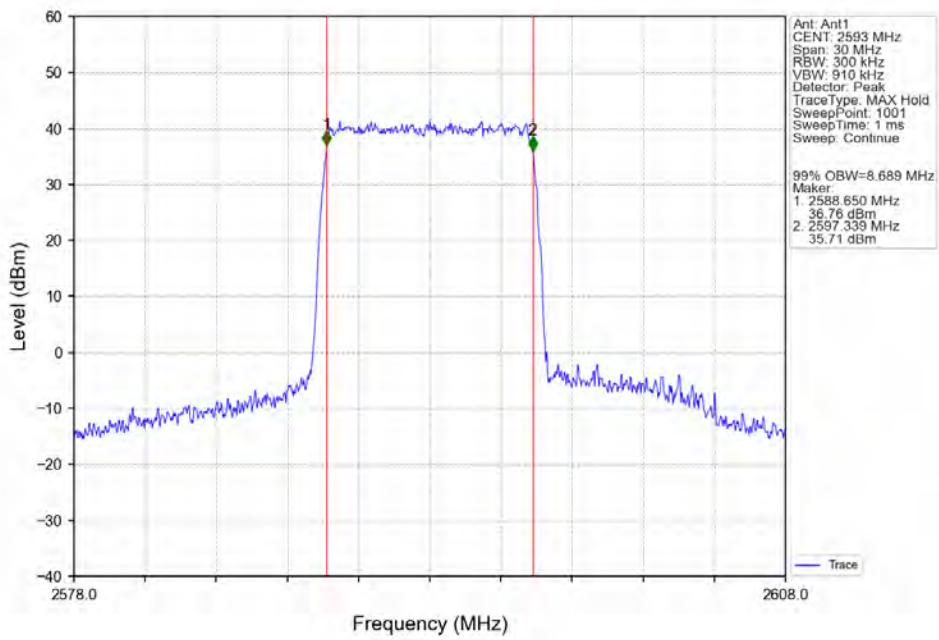
41_Single_NTNV_CC1:10MHz_64QAM_CC1:2501MHz_Ant1



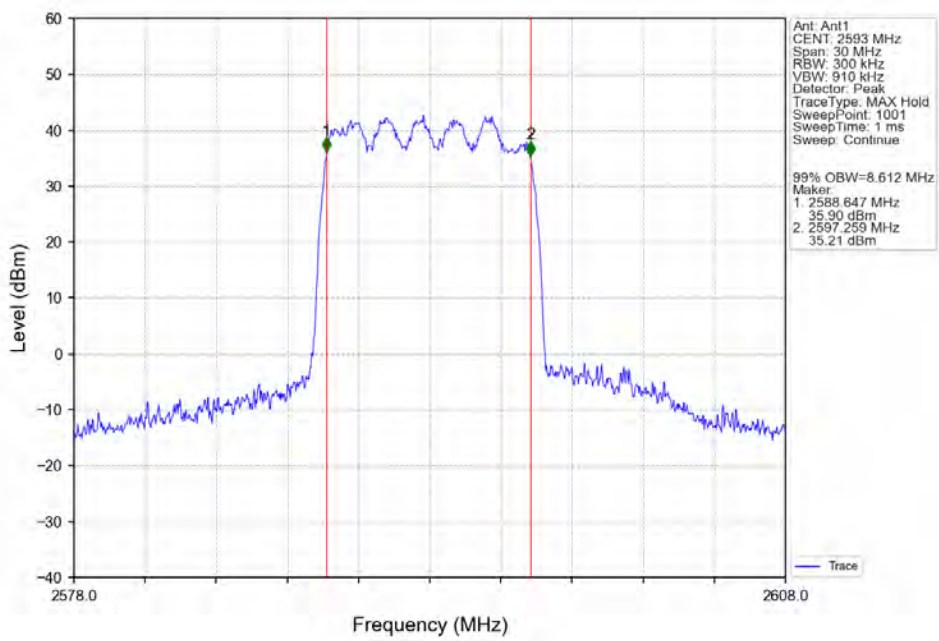
41_Single_NTNV_CC1:10MHz_256QAM_CC1:2501MHz_Ant1



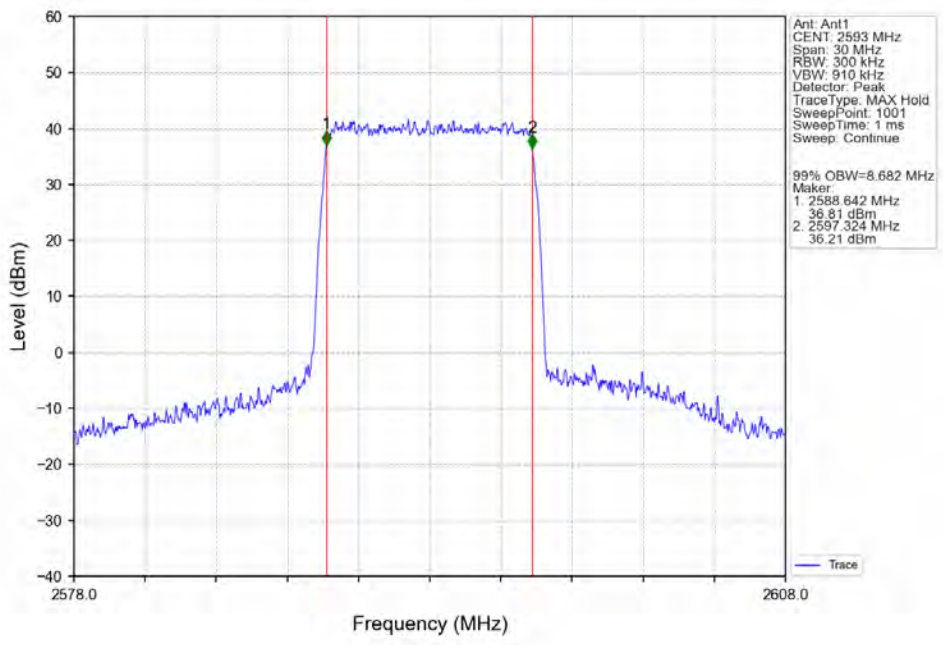
41_Single_NTNV_CC1:10MHz_QPSK_CC1:2593MHz_Ant1



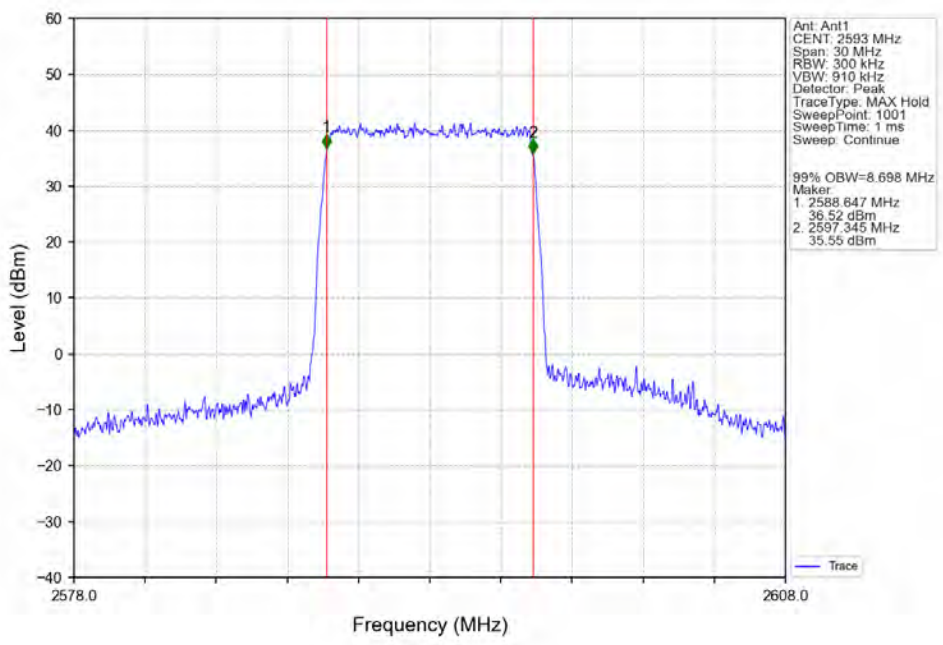
41_Single_NTNV_CC1:10MHz_16QAM_CC1:2593MHz_Ant1



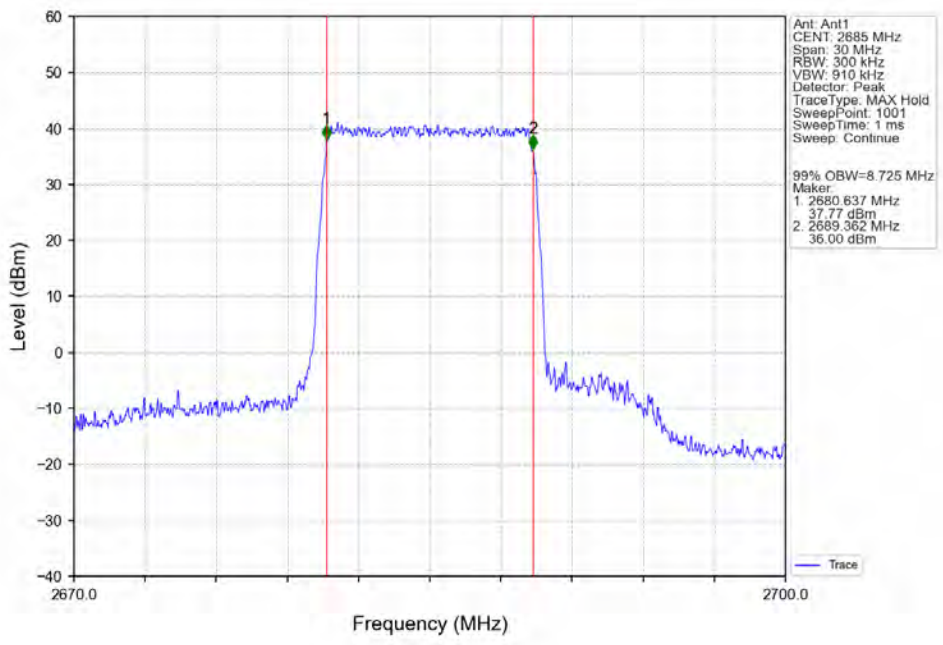
41_Single_NTNV_CC1:10MHz_64QAM_CC1:2593MHz_Ant1



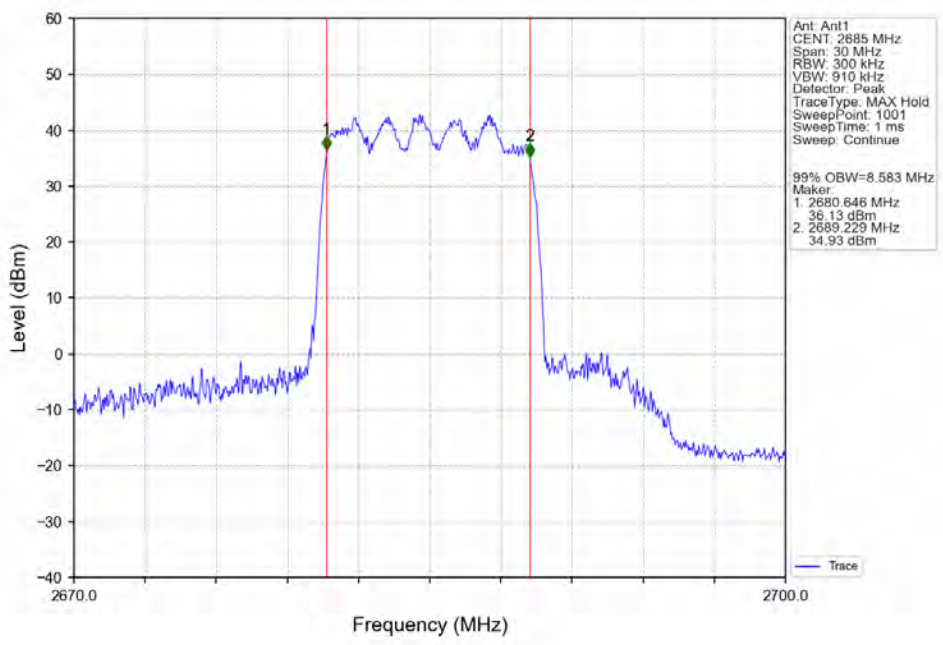
41_Single_NTNV_CC1:10MHz_256QAM_CC1:2593MHz_Ant1



41_Single_NTNV_CC1:10MHz_QPSK_CC1:2685MHz_Ant1



41_Single_NTNV_CC1:10MHz_16QAM_CC1:2685MHz_Ant1



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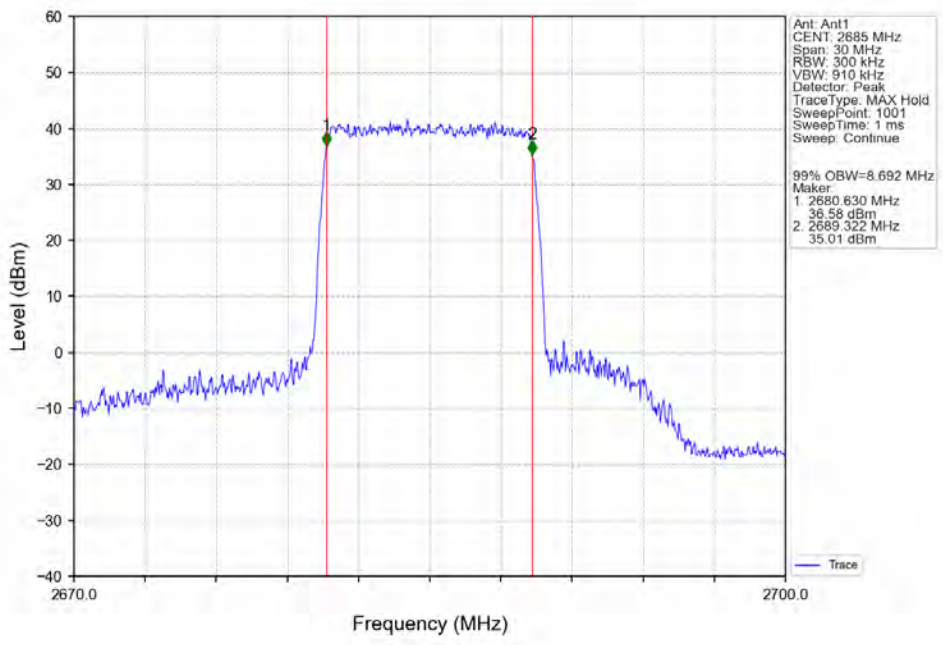
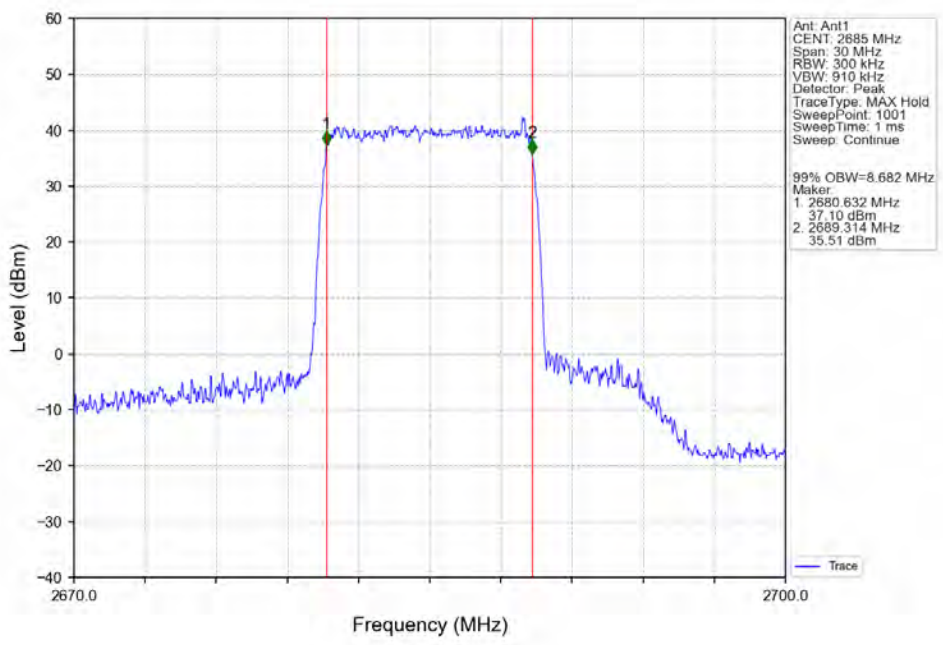
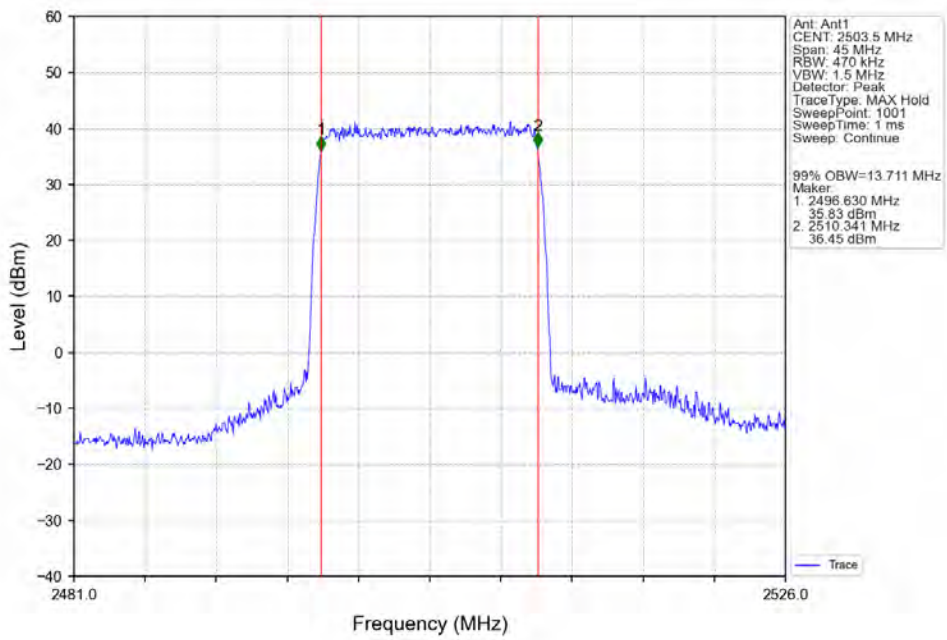


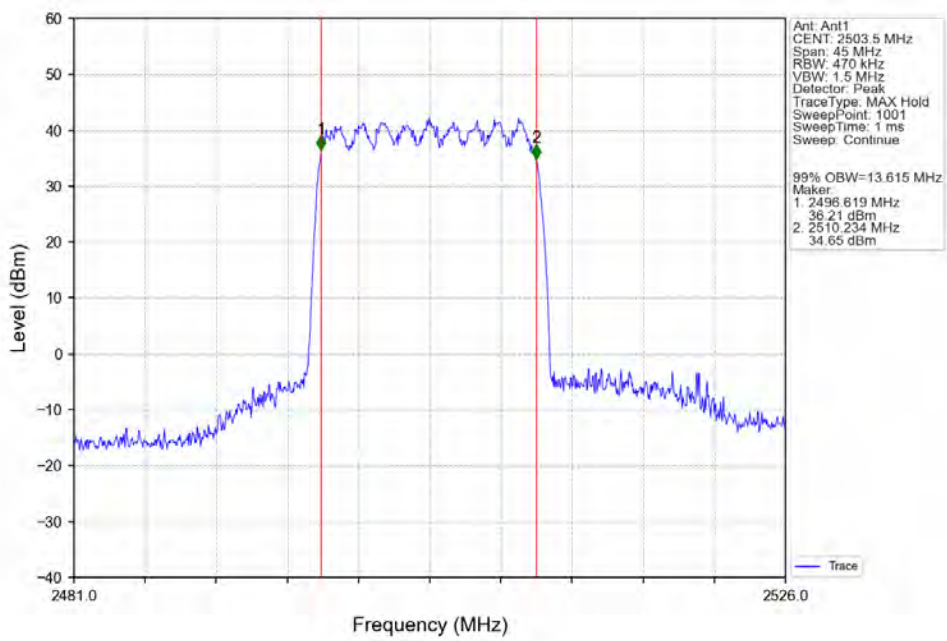
41_Single_NTNV_CC1:10MHz_256QAM_CC1:2685MHz_Ant1



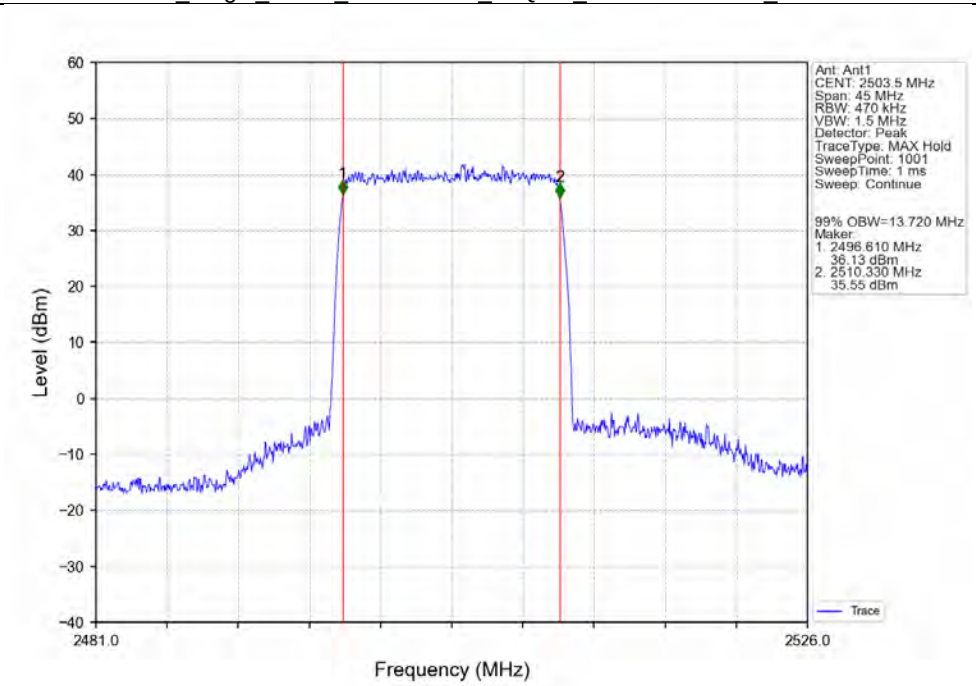
41_Single_NTNV_CC1:15MHz_QPSK_CC1:2503.5MHz_Ant1



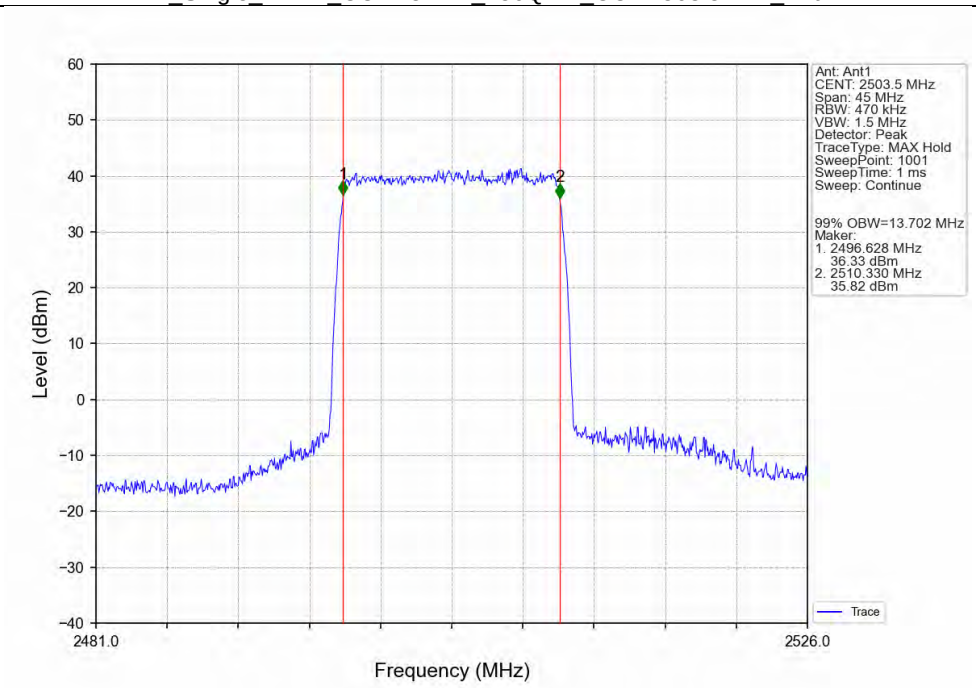
41_Single_NTNV_CC1:15MHz_16QAM_CC1:2503.5MHz_Ant1



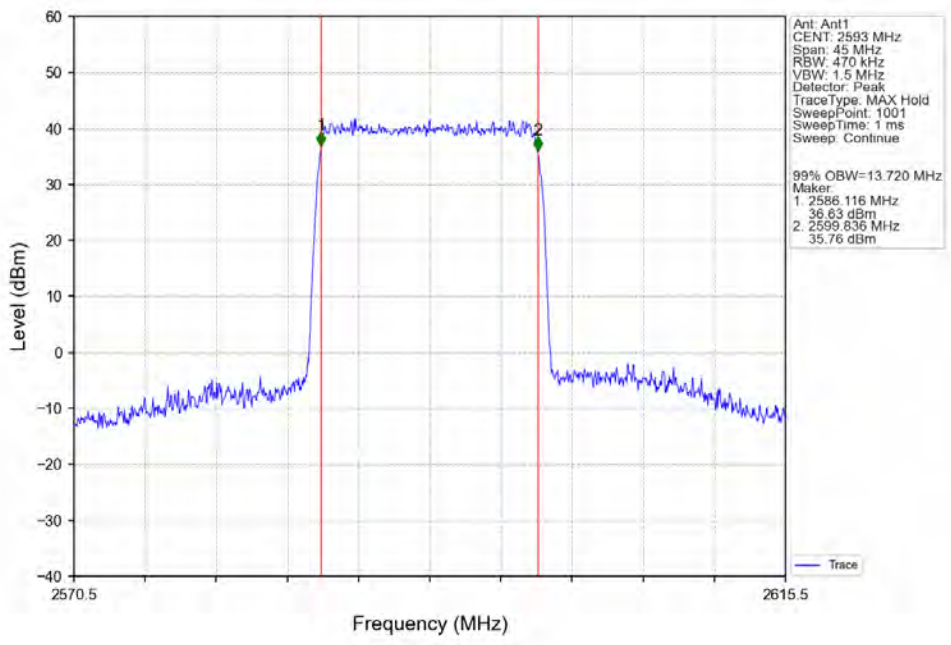
41_Single_NTNV_CC1:15MHz_64QAM_CC1:2503.5MHz_Ant1



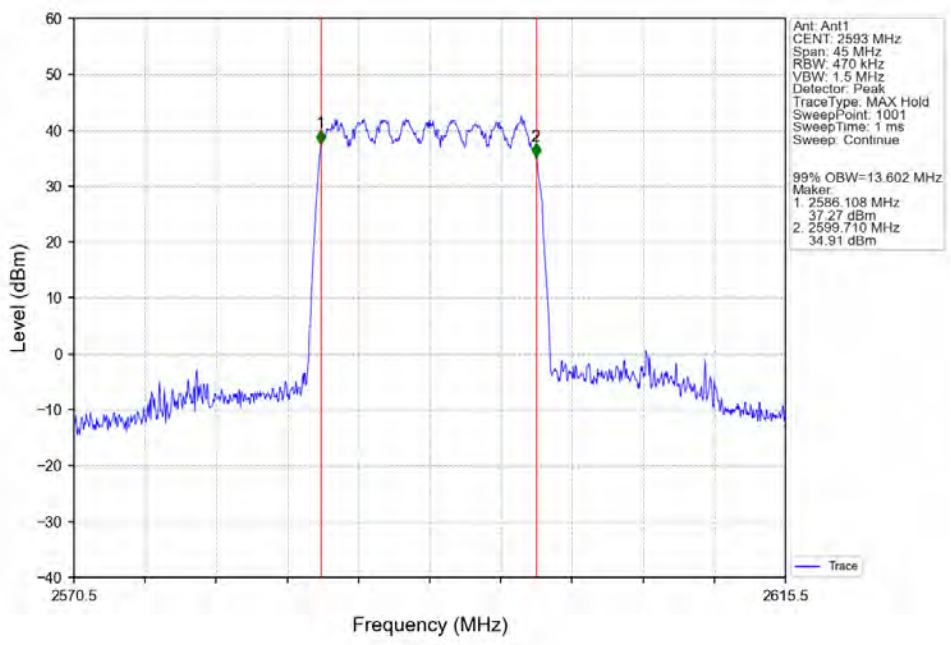
41_Single_NTNV_CC1:15MHz_256QAM_CC1:2503.5MHz_Ant1



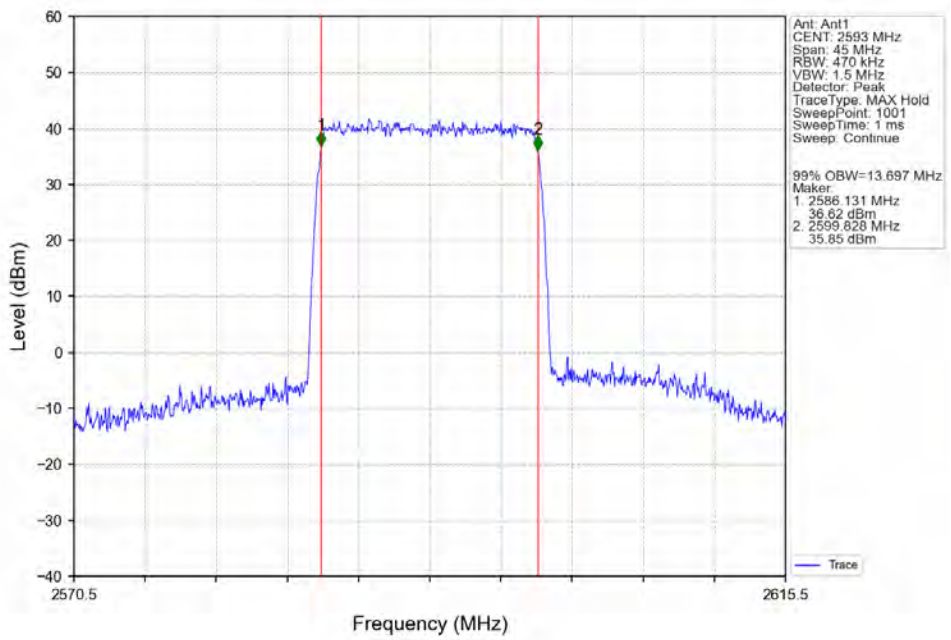
41_Single_NTNV_CC1:15MHz_QPSK_CC1:2593MHz_Ant1



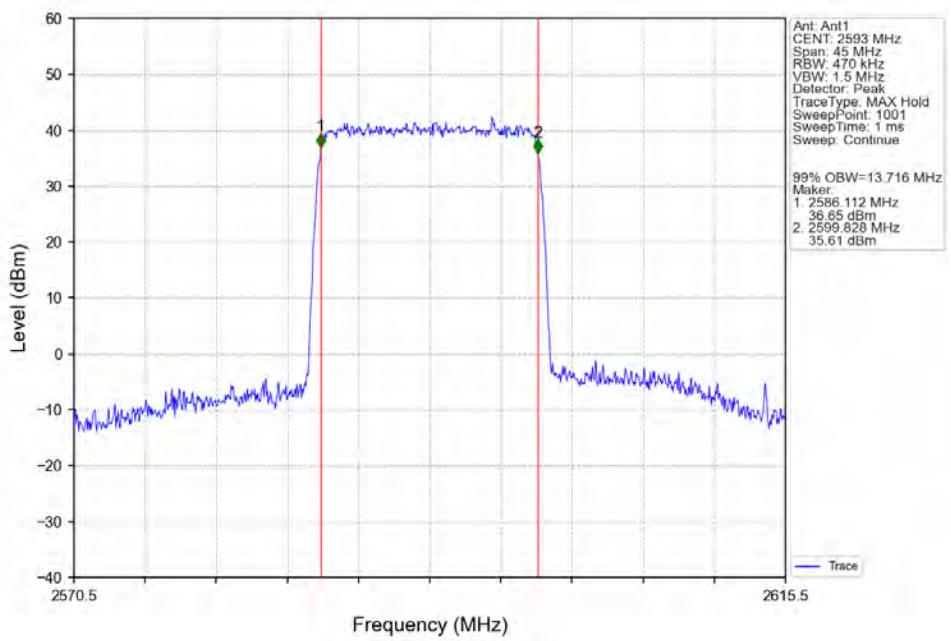
41_Single_NTNV_CC1:15MHz_16QAM_CC1:2593MHz_Ant1



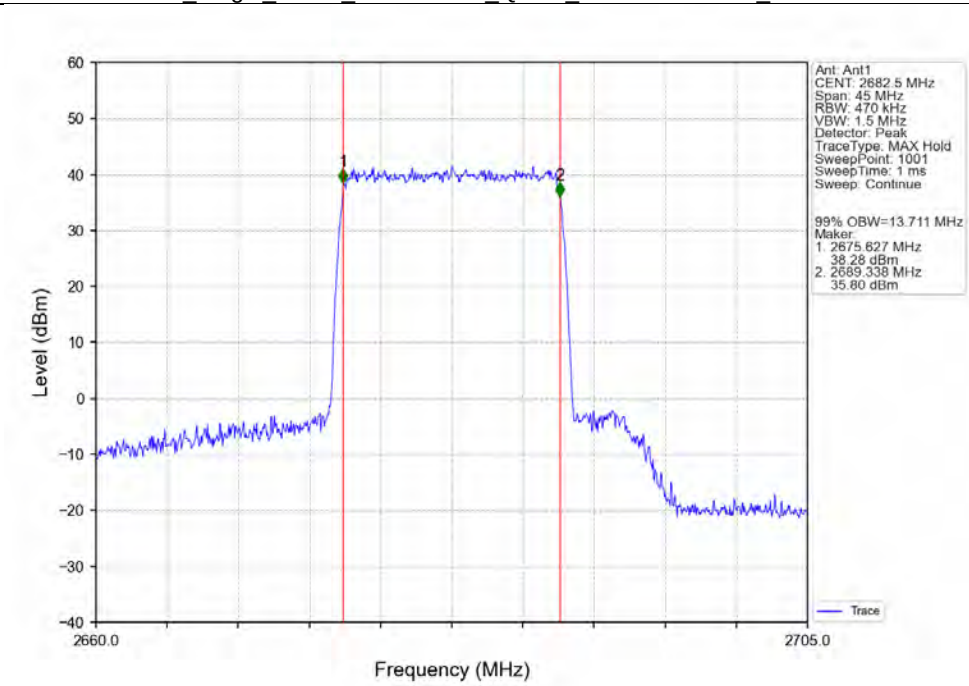
41_Single_NTNV_CC1:15MHz_64QAM_CC1:2593MHz_Ant1



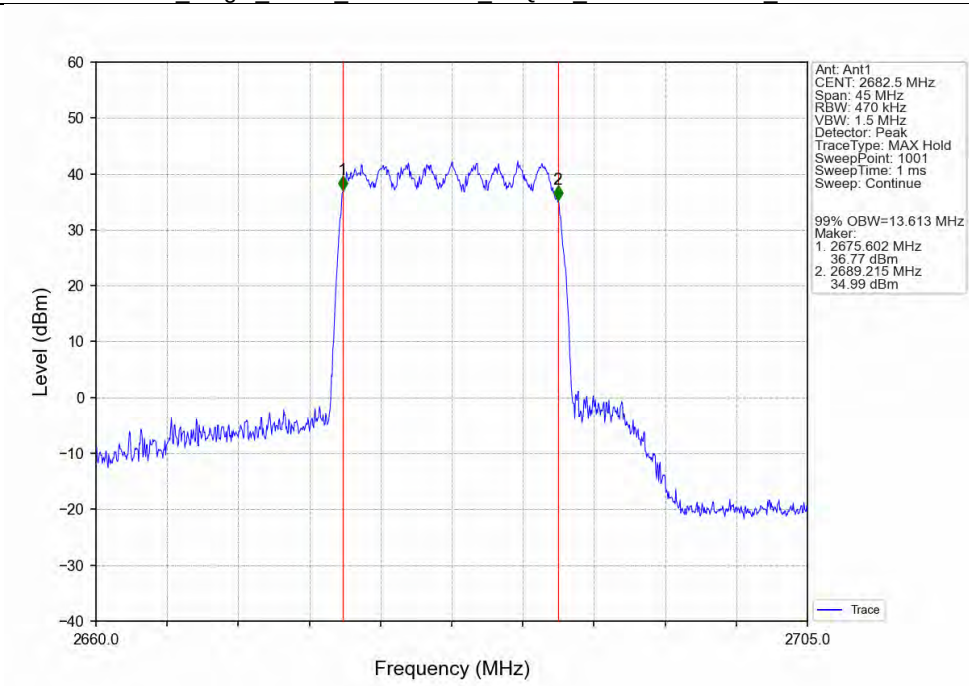
41_Single_NTNV_CC1:15MHz_256QAM_CC1:2593MHz_Ant1



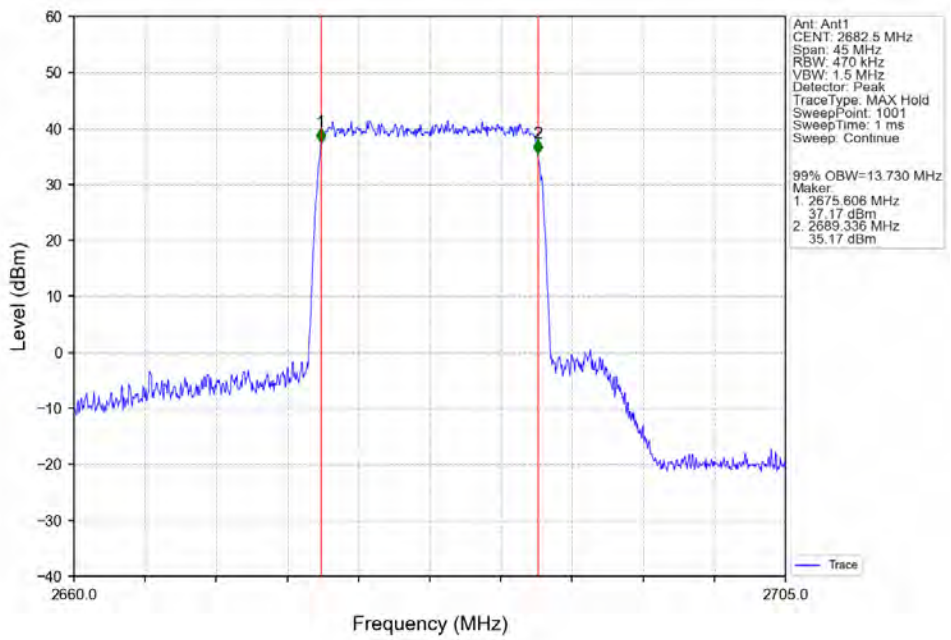
41_Single_NTNV_CC1:15MHz_QPSK_CC1:2682.5MHz_Ant1



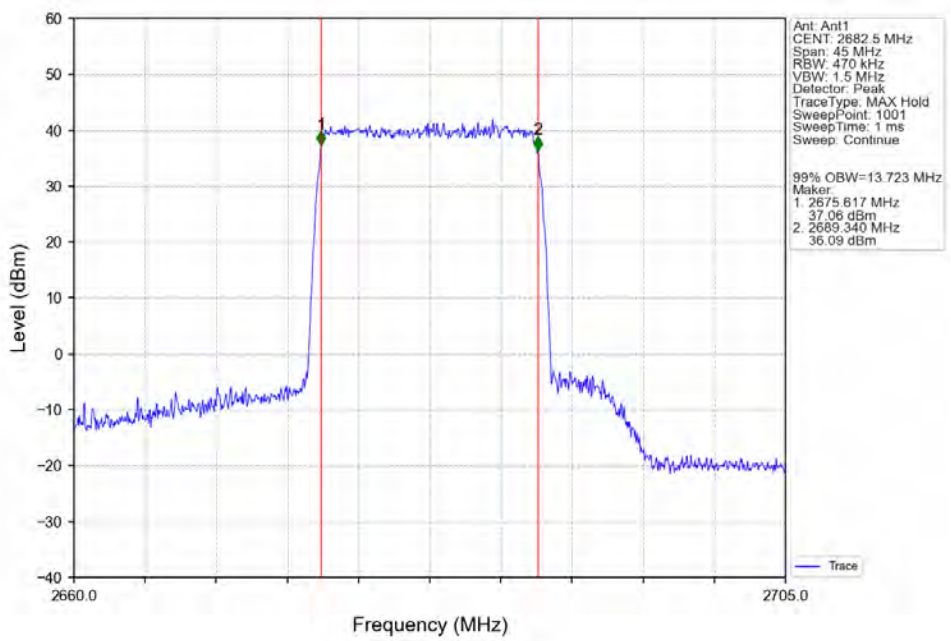
41_Single_NTNV_CC1:15MHz_16QAM_CC1:2682.5MHz_Ant1



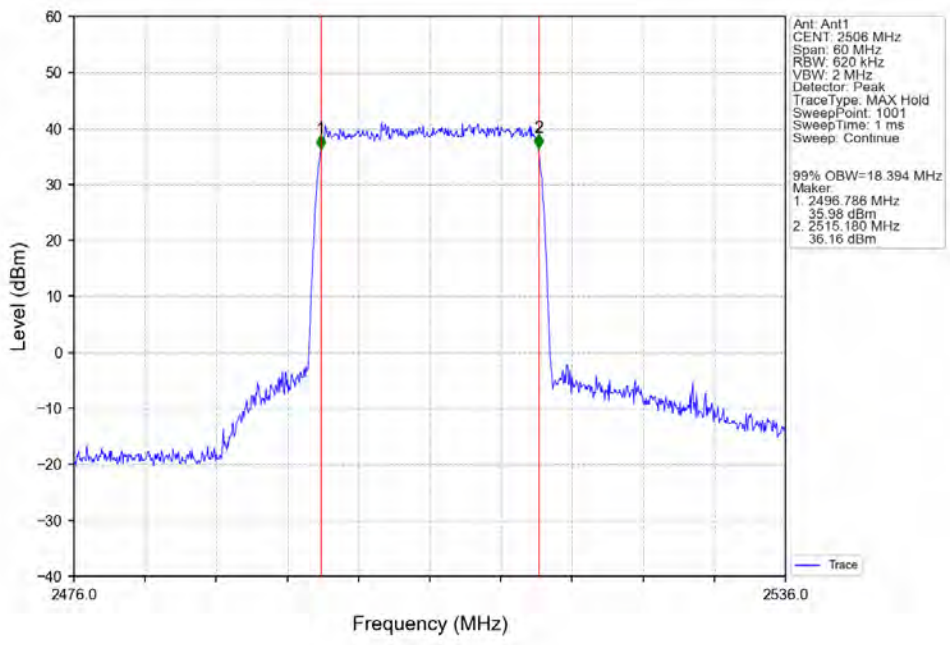
41_Single_NTNV_CC1:15MHz_64QAM_CC1:2682.5MHz_Ant1



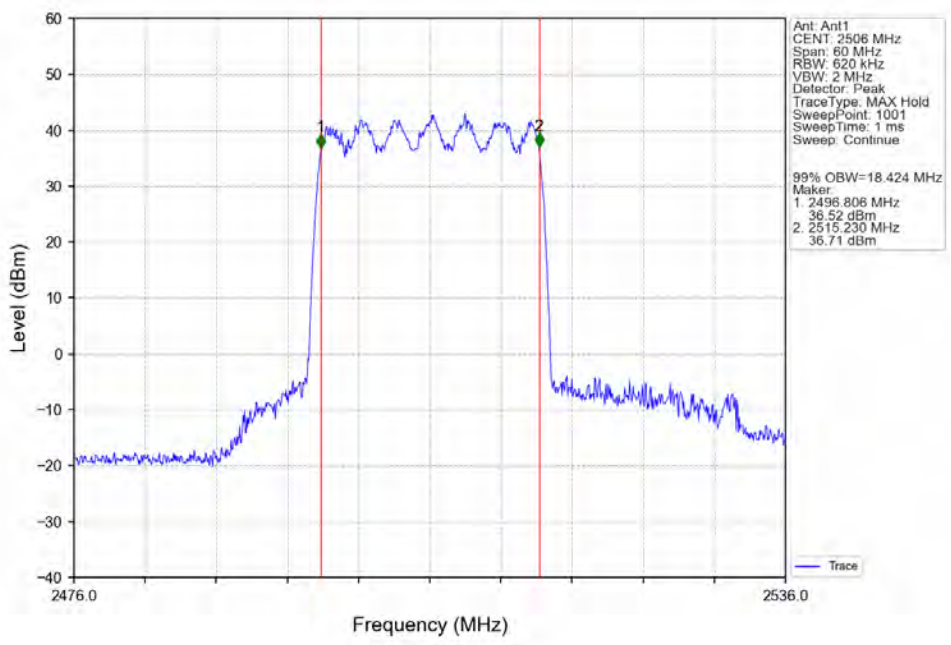
41_Single_NTNV_CC1:15MHz_256QAM_CC1:2682.5MHz_Ant1



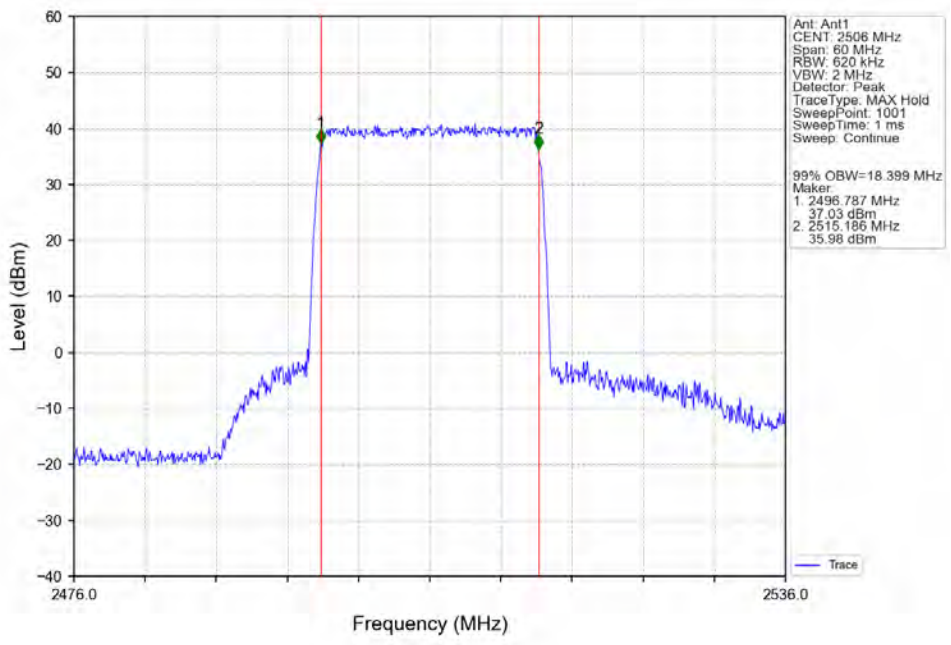
41_Single_NTNV_CC1:20MHz_QPSK_CC1:2506MHz_Ant1



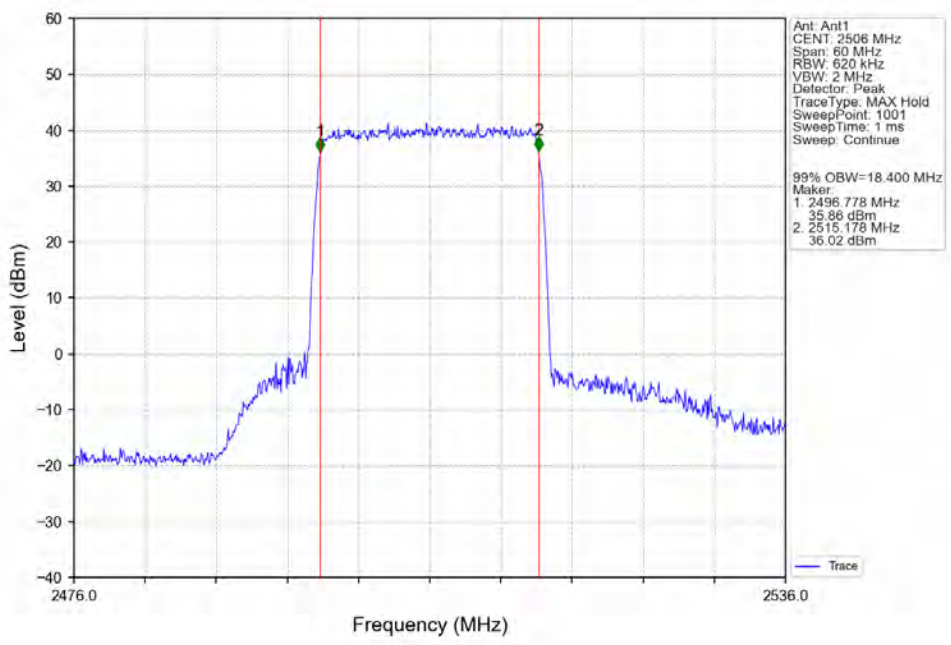
41_Single_NTNV_CC1:20MHz_16QAM_CC1:2506MHz_Ant1



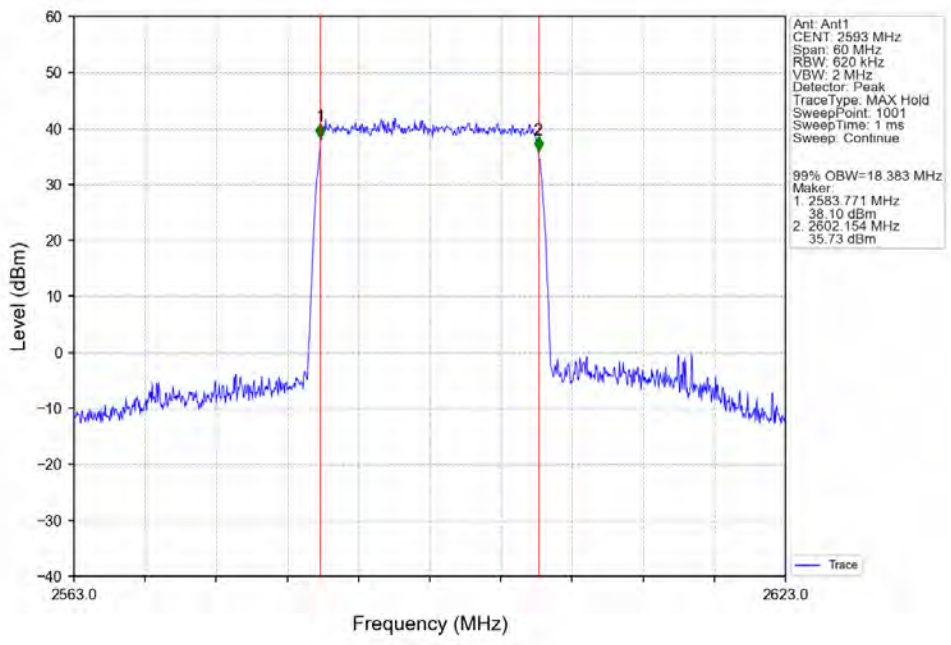
41_Single_NTNV_CC1:20MHz_64QAM_CC1:2506MHz_Ant1



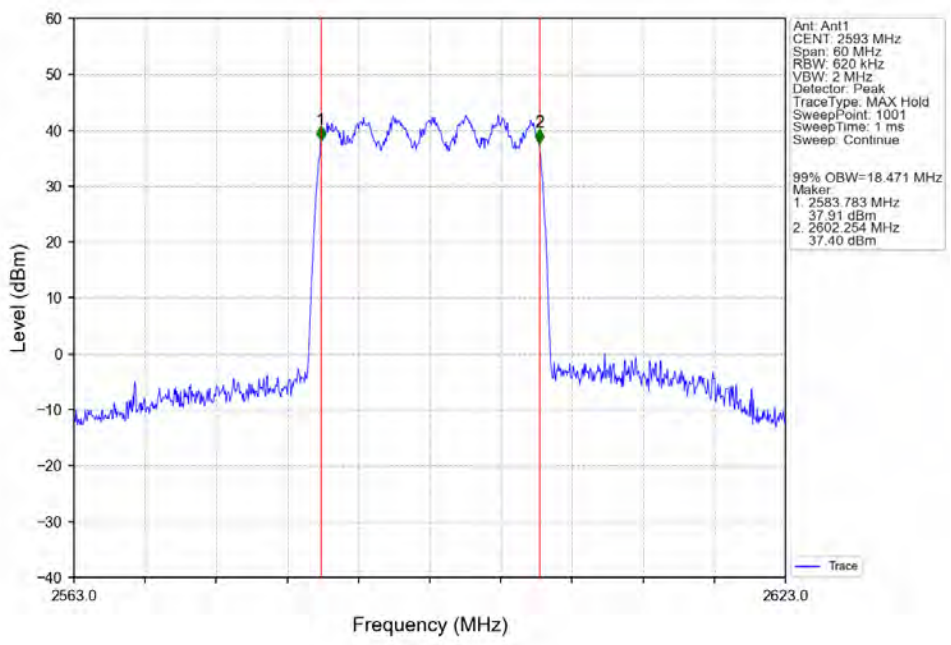
41_Single_NTNV_CC1:20MHz_256QAM_CC1:2506MHz_Ant1



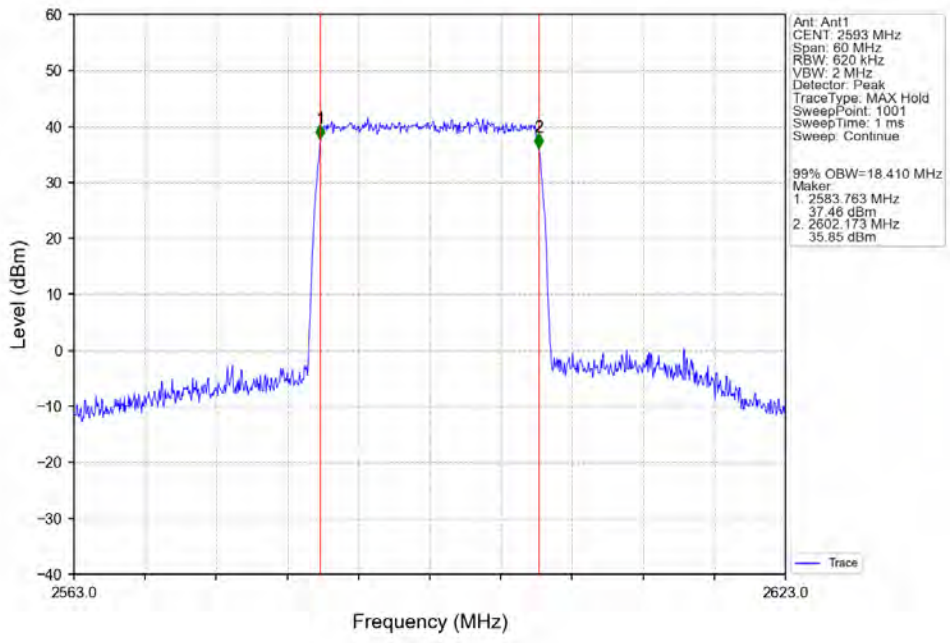
41_Single_NTNV_CC1:20MHz_QPSK_CC1:2593MHz_Ant1



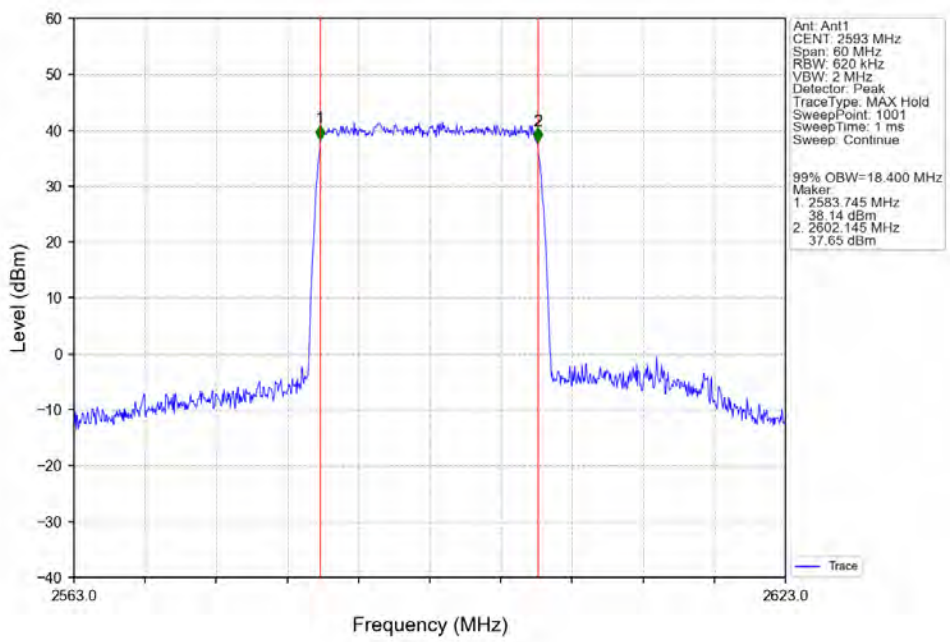
41_Single_NTNV_CC1:20MHz_16QAM_CC1:2593MHz_Ant1



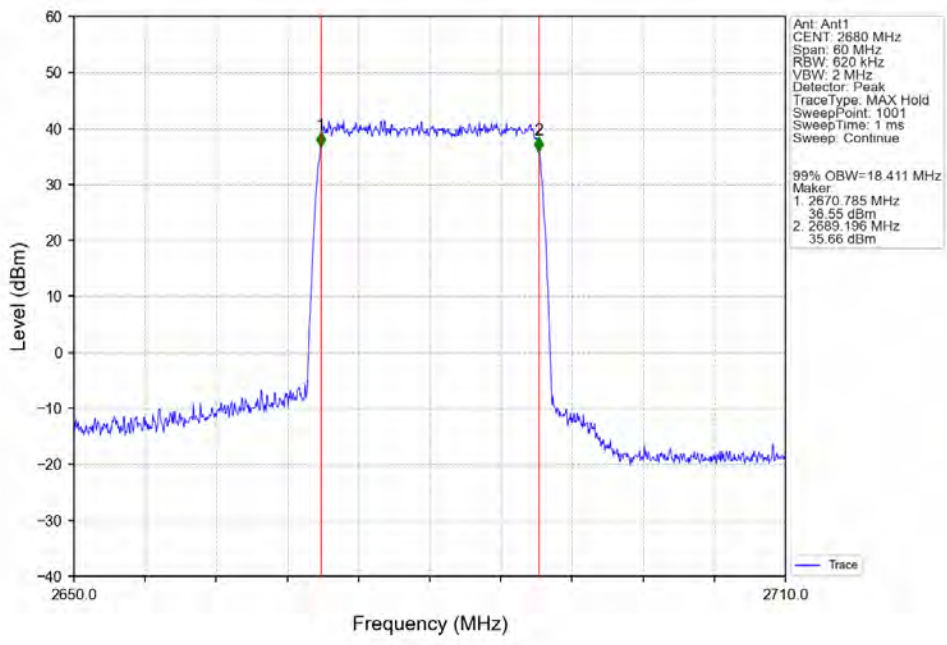
41_Single_NTNV_CC1:20MHz_64QAM_CC1:2593MHz_Ant1



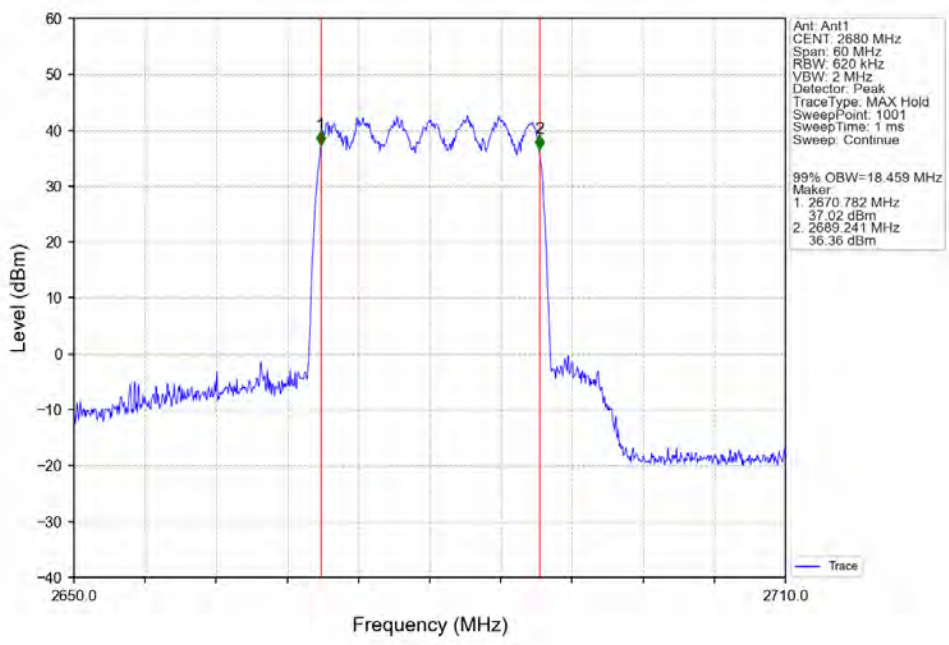
41_Single_NTNV_CC1:20MHz_256QAM_CC1:2593MHz_Ant1



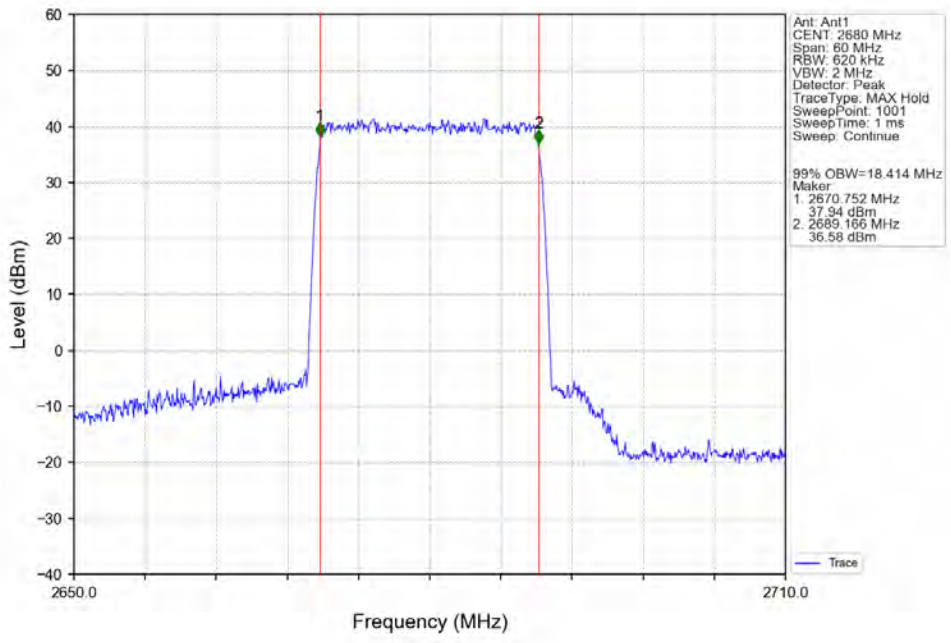
41_Single_NTNV_CC1:20MHz_QPSK_CC1:2680MHz_Ant1



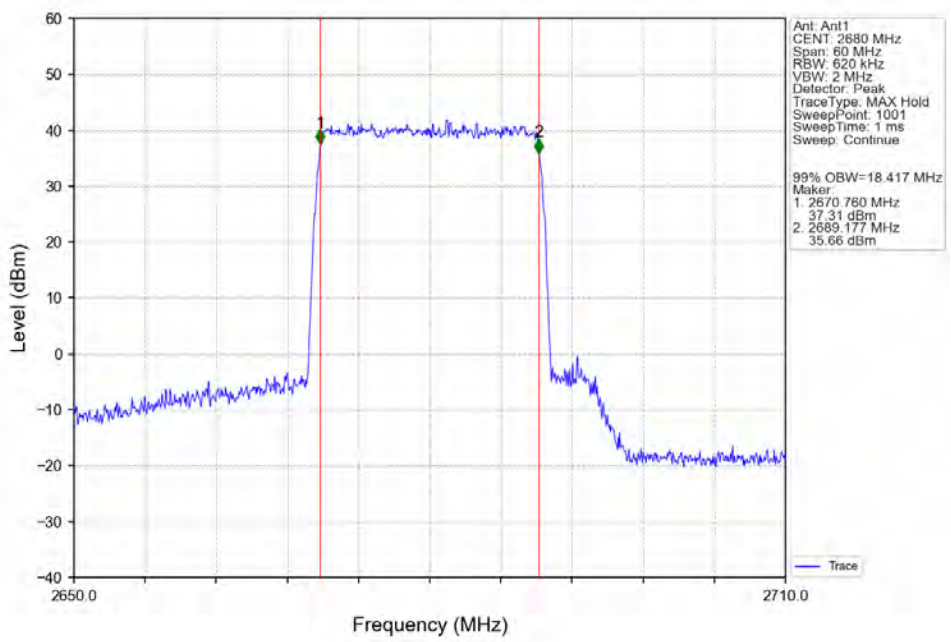
41_Single_NTNV_CC1:20MHz_16QAM_CC1:2680MHz_Ant1



41_Single_NTNV_CC1:20MHz_64QAM_CC1:2680MHz_Ant1

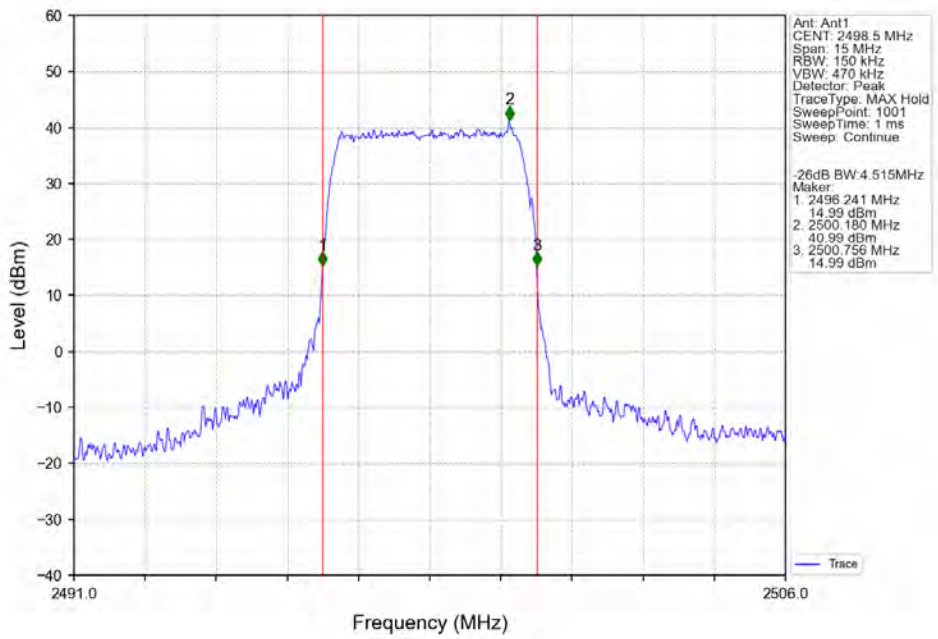


41_Single_NTNV_CC1:20MHz_256QAM_CC1:2680MHz_Ant1

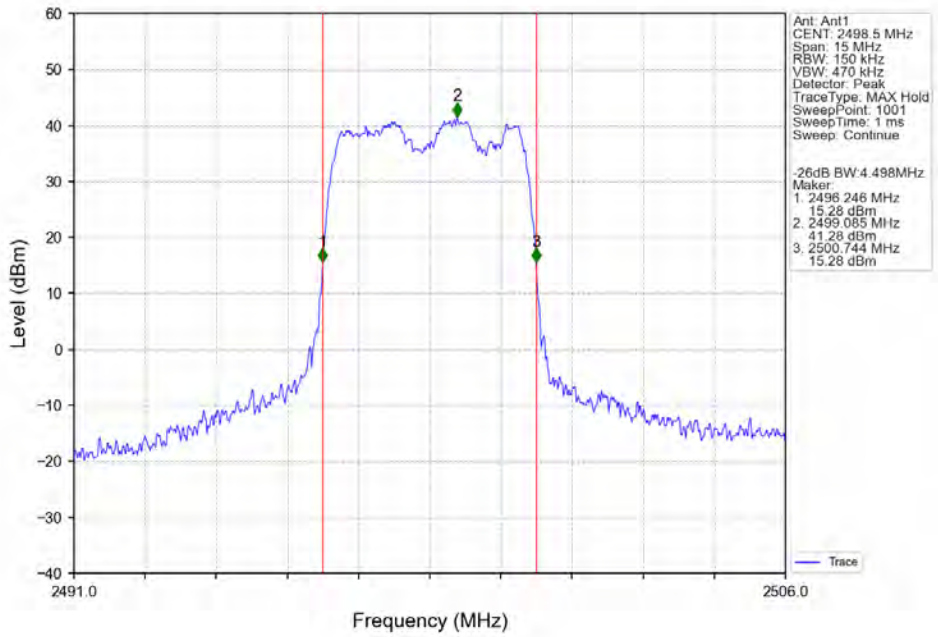


4.2.2 Single_XDB

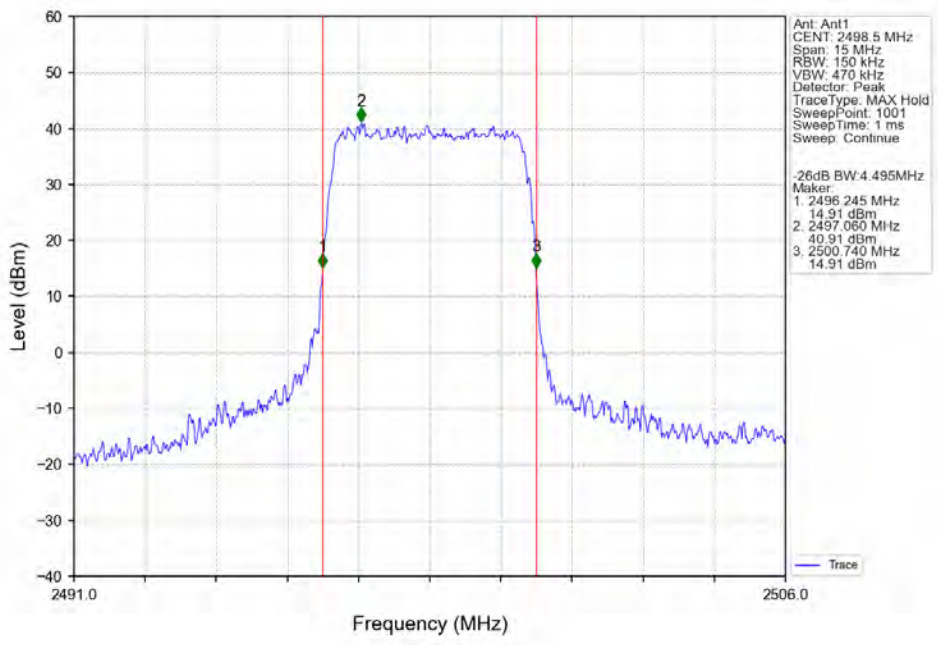
41_Single_NTNV_CC1:5MHz_QPSK_CC1:2498.5MHz_Ant1



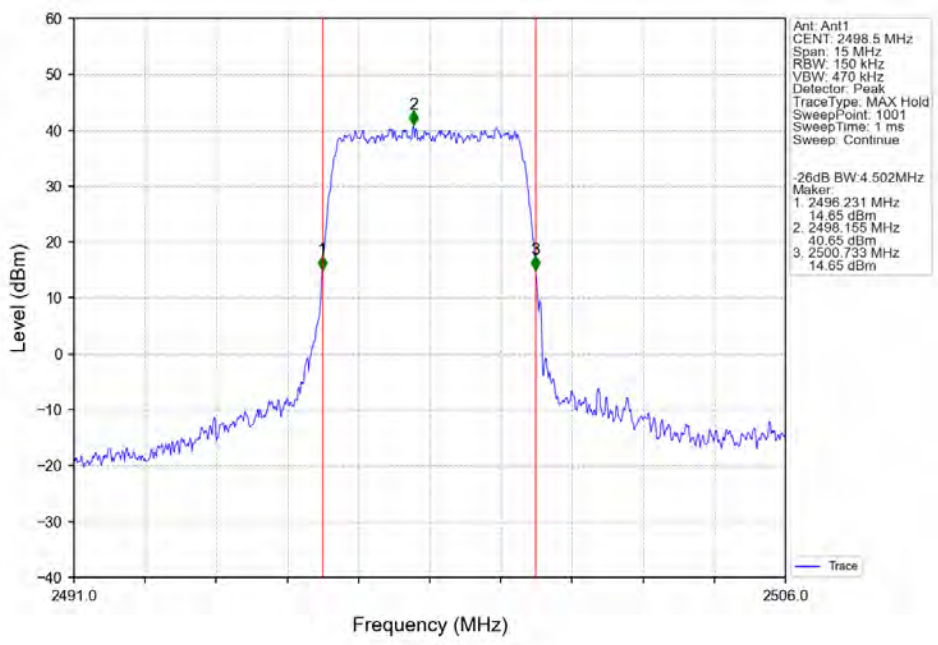
41_Single_NTNV_CC1:5MHz_16QAM_CC1:2498.5MHz_Ant1



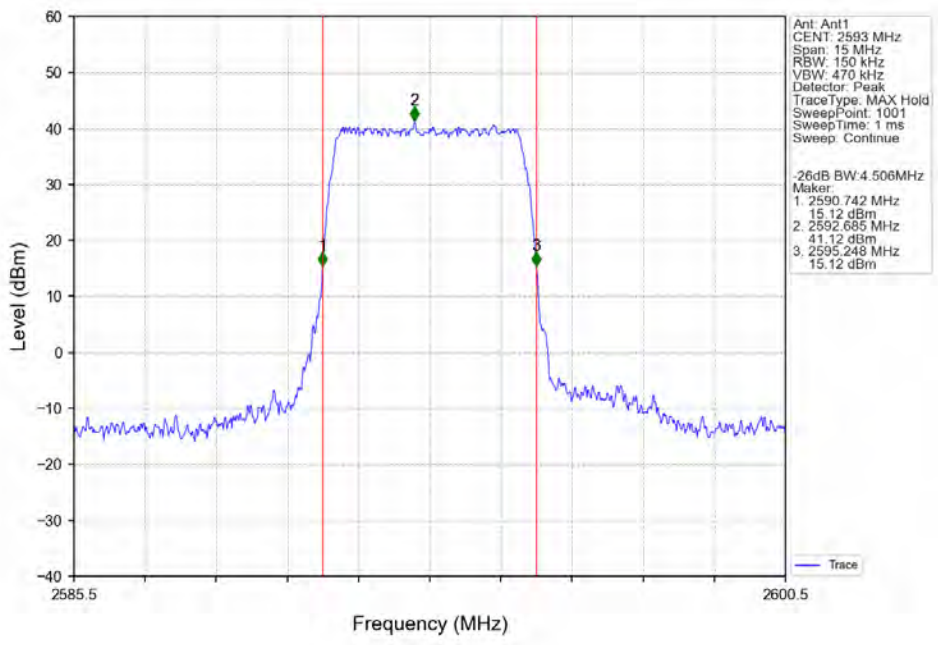
41_Single_NTNV_CC1:5MHz_64QAM_CC1:2498.5MHz_Ant1



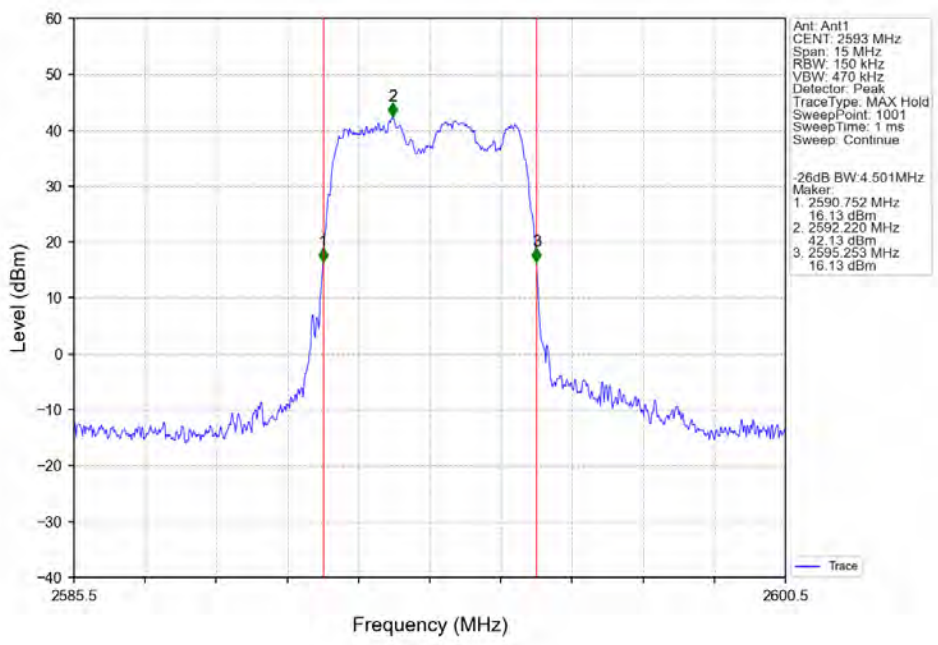
41_Single_NTNV_CC1:5MHz_256QAM_CC1:2498.5MHz_Ant1



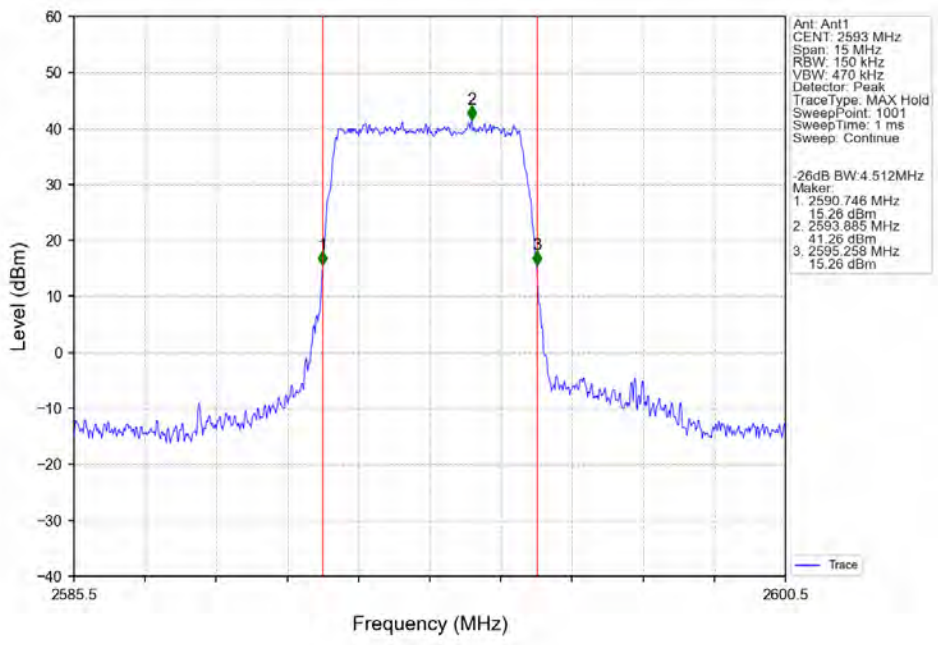
41_Single_NTNV_CC1:5MHz_QPSK_CC1:2593MHz_Ant1



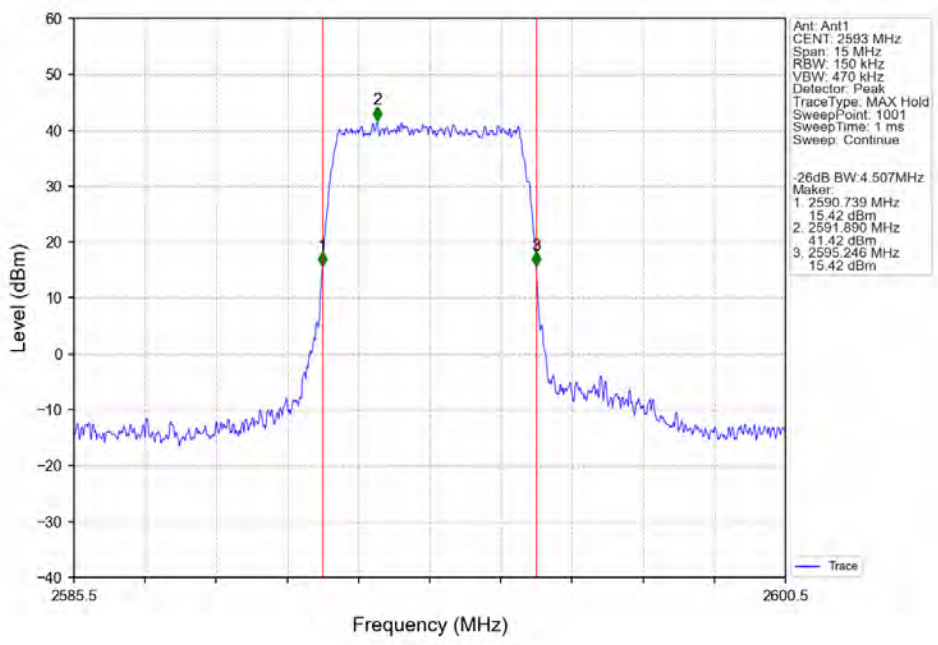
41_Single_NTNV_CC1:5MHz_16QAM_CC1:2593MHz_Ant1



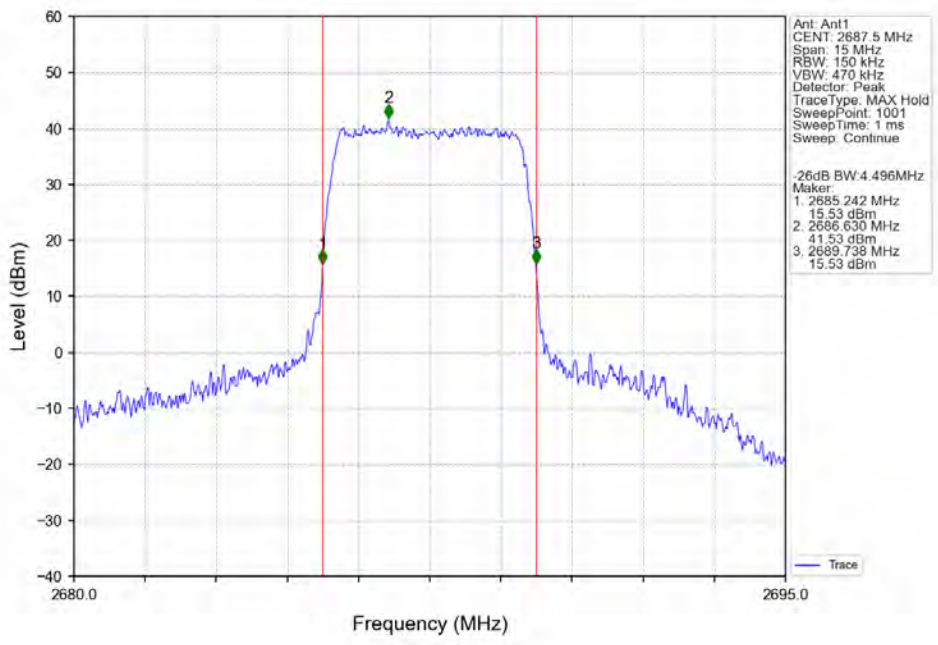
41_Single_NTNV_CC1:5MHz_64QAM_CC1:2593MHz_Ant1



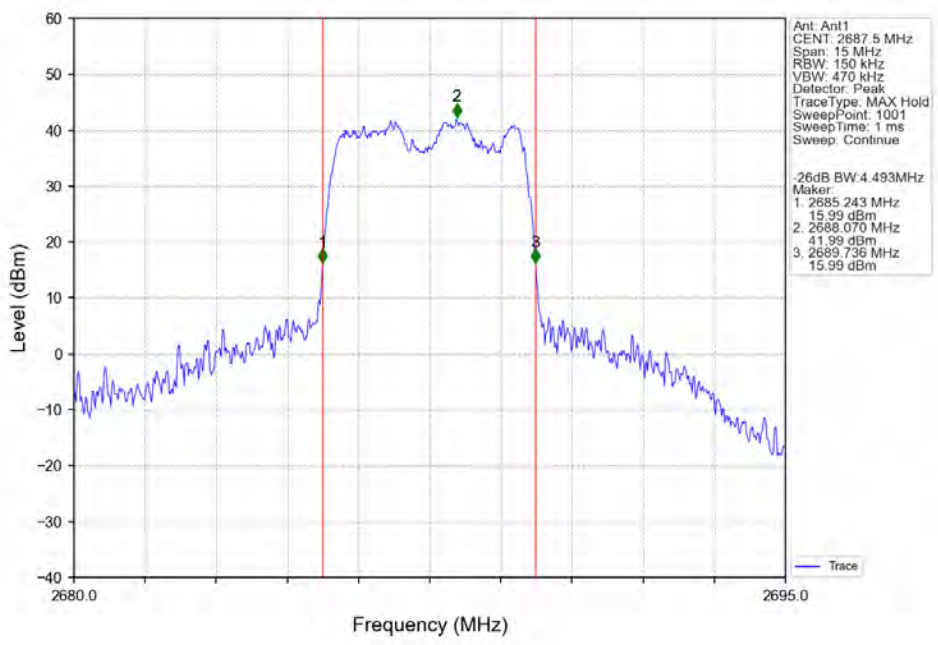
41_Single_NTNV_CC1:5MHz_256QAM_CC1:2593MHz_Ant1



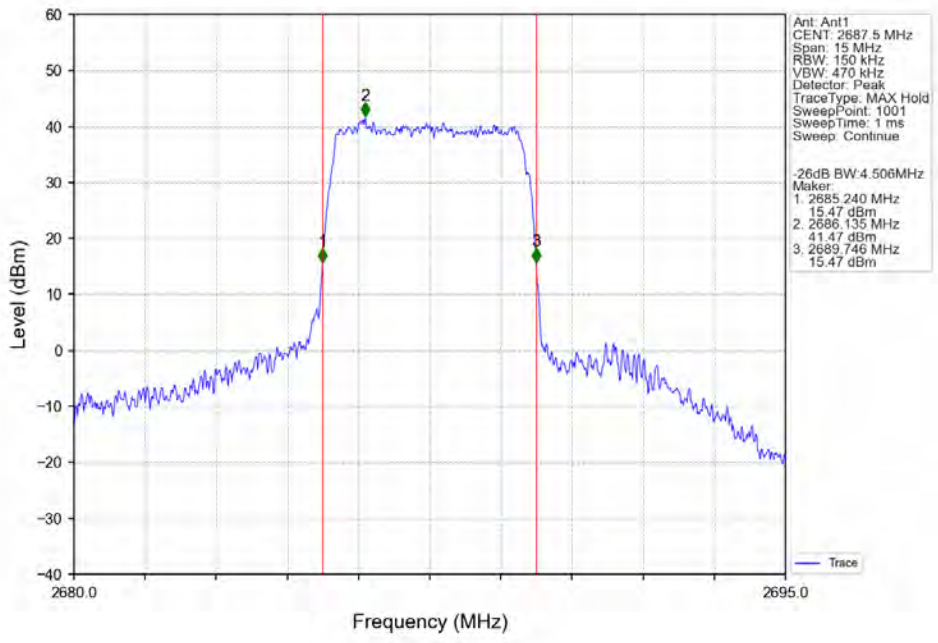
41_Single_NTNV_CC1:5MHz_QPSK_CC1:2687.5MHz_Ant1



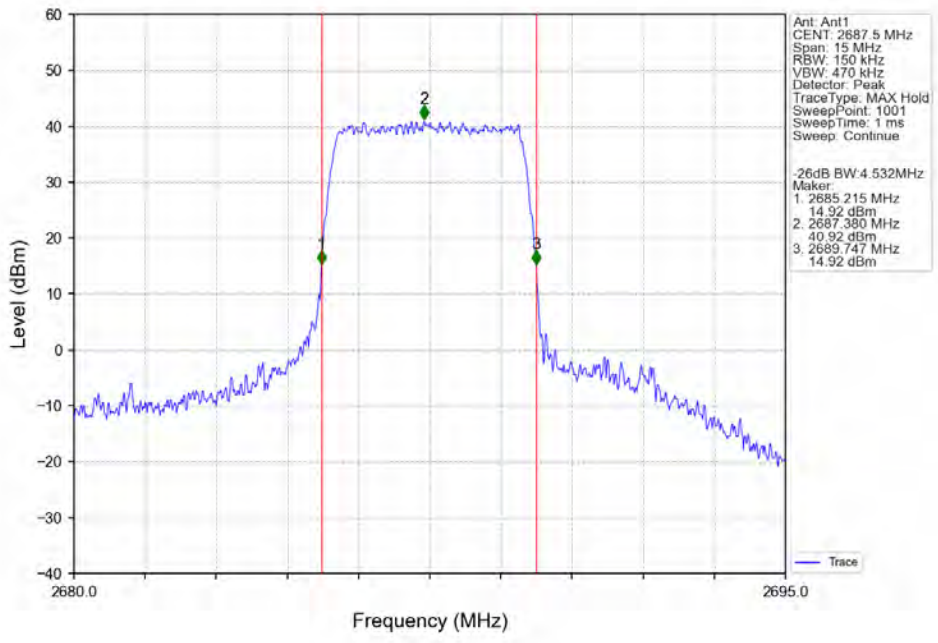
41_Single_NTNV_CC1:5MHz_16QAM_CC1:2687.5MHz_Ant1



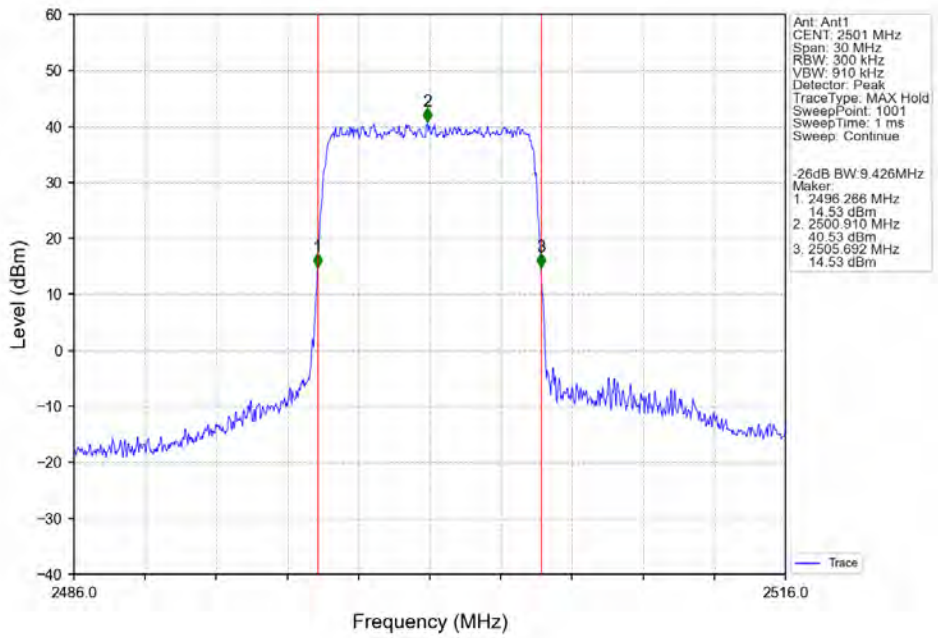
41_Single_NTNV_CC1:5MHz_64QAM_CC1:2687.5MHz_Ant1



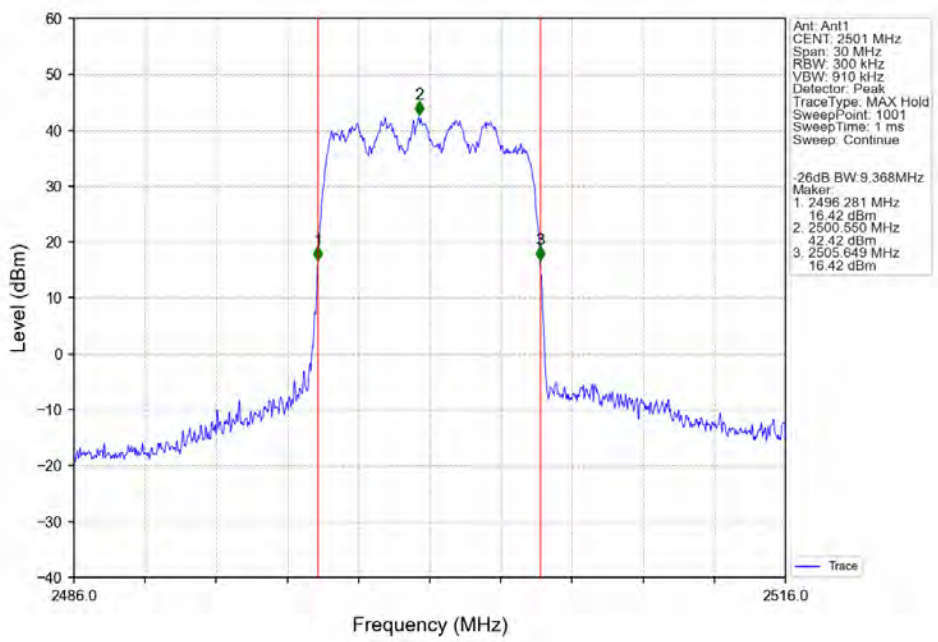
41_Single_NTNV_CC1:5MHz_256QAM_CC1:2687.5MHz_Ant1



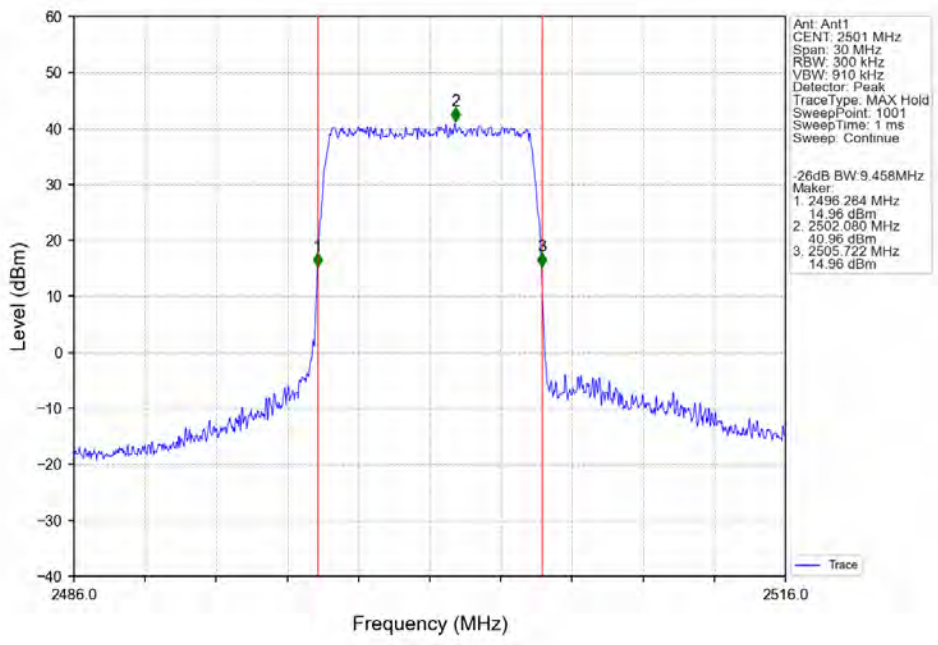
41_Single_NTNV_CC1:10MHz_QPSK_CC1:2501MHz_Ant1



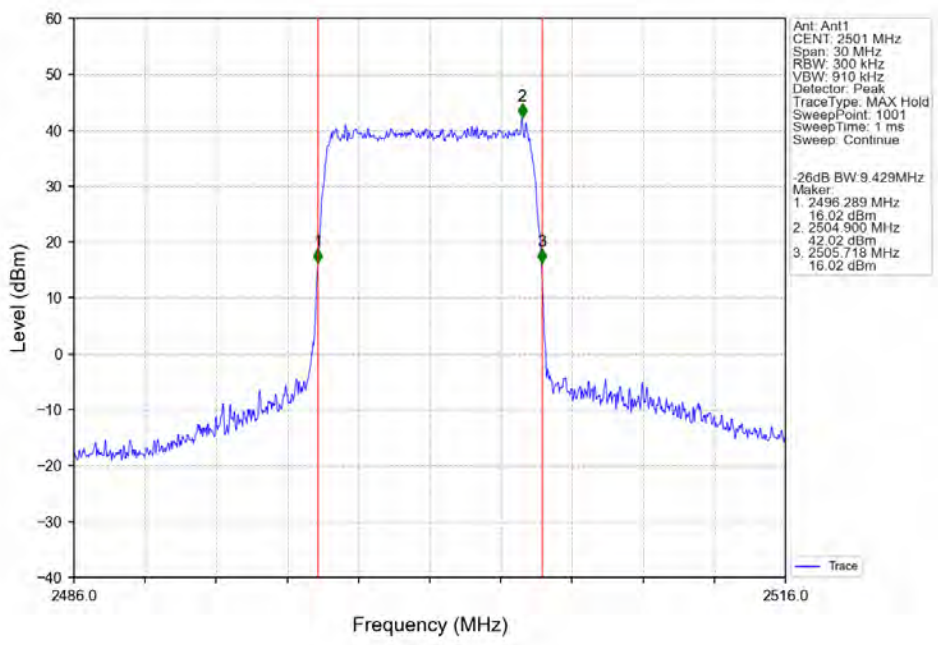
41_Single_NTNV_CC1:10MHz_16QAM_CC1:2501MHz_Ant1



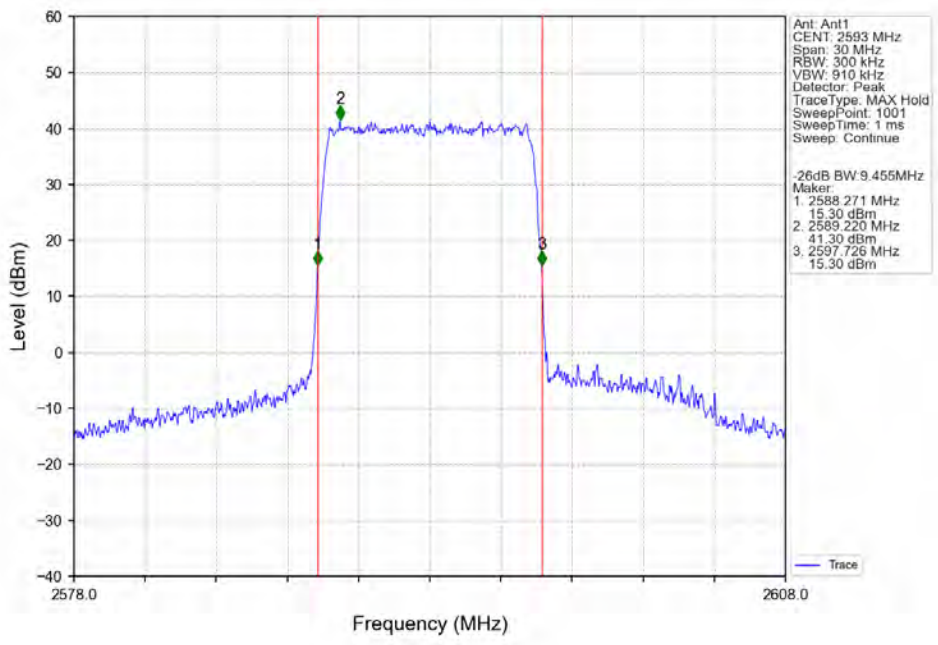
41_Single_NTNV_CC1:10MHz_64QAM_CC1:2501MHz_Ant1



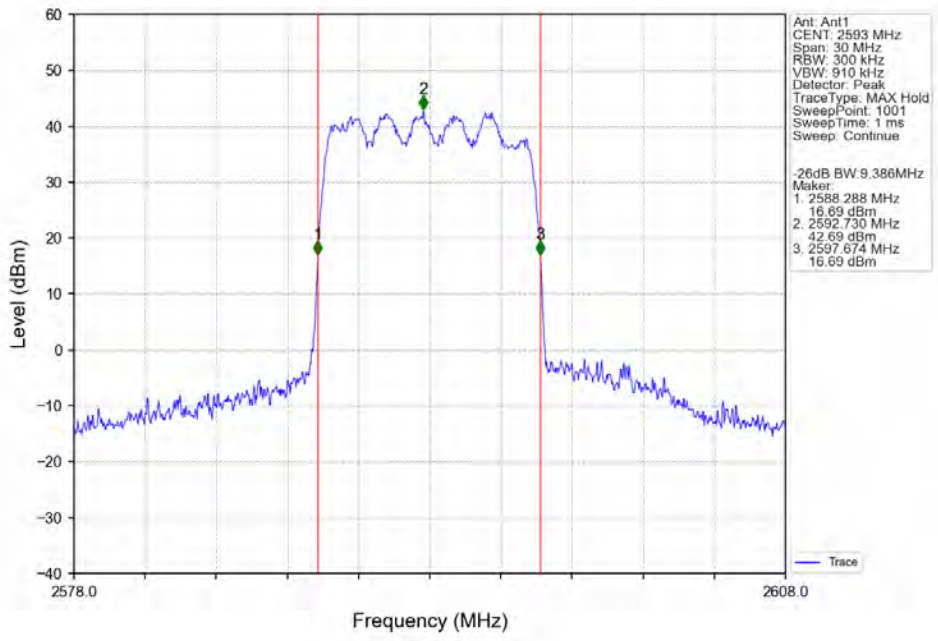
41_Single_NTNV_CC1:10MHz_256QAM_CC1:2501MHz_Ant1



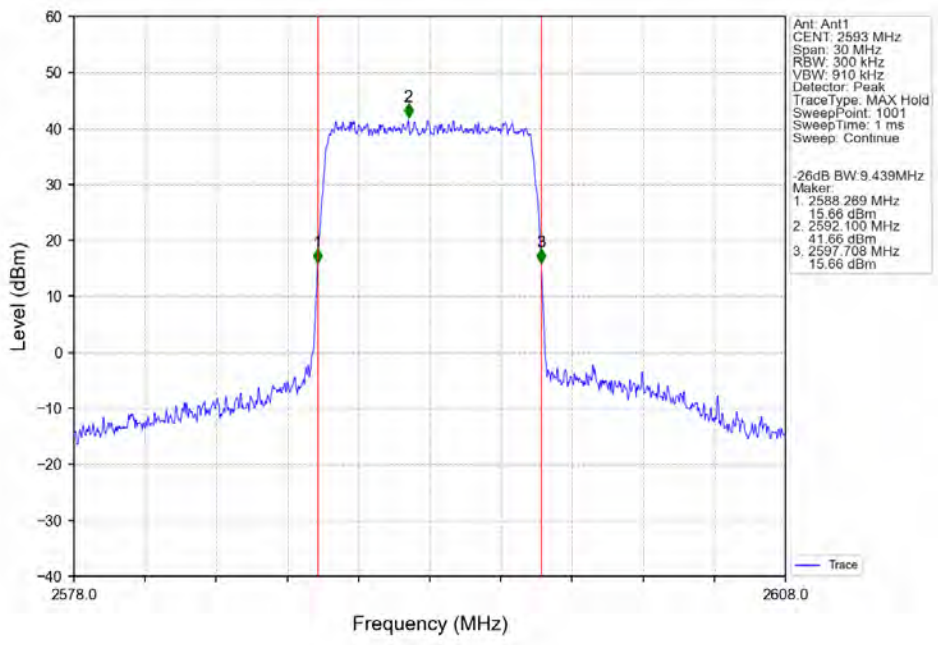
41_Single_NTNV_CC1:10MHz_QPSK_CC1:2593MHz_Ant1



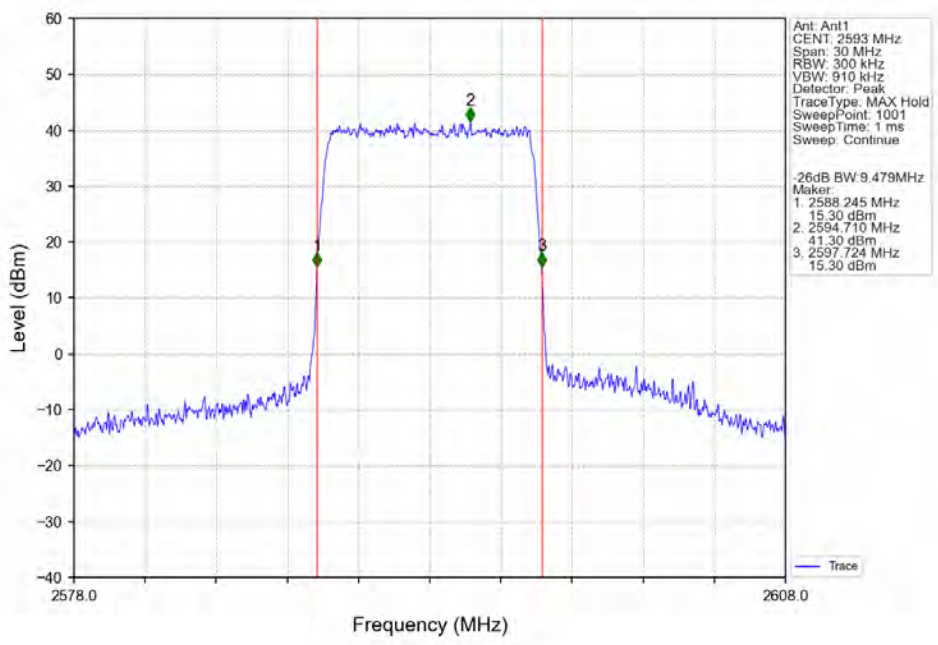
41_Single_NTNV_CC1:10MHz_16QAM_CC1:2593MHz_Ant1



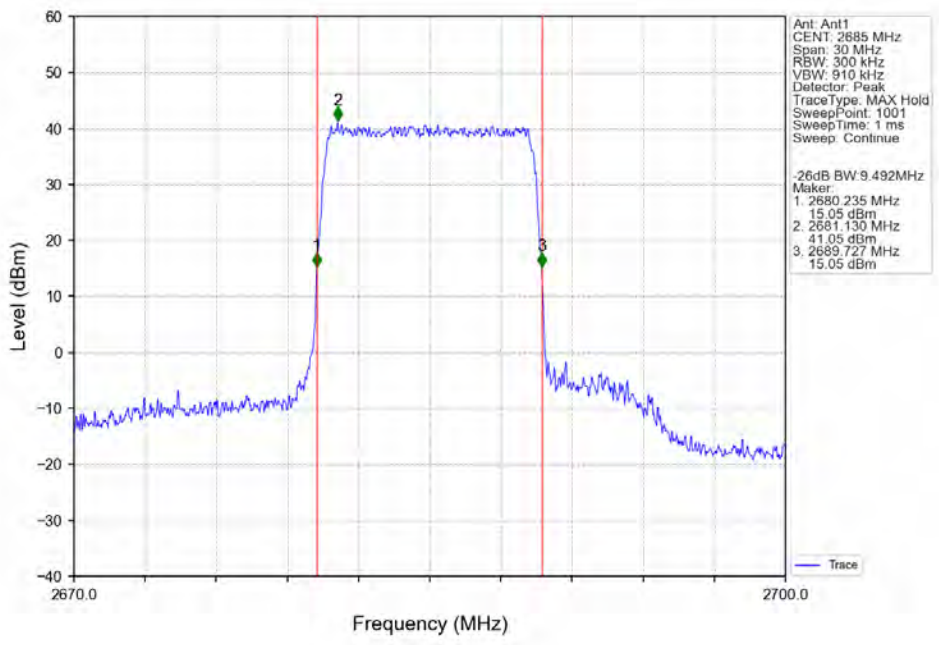
41_Single_NTNV_CC1:10MHz_64QAM_CC1:2593MHz_Ant1



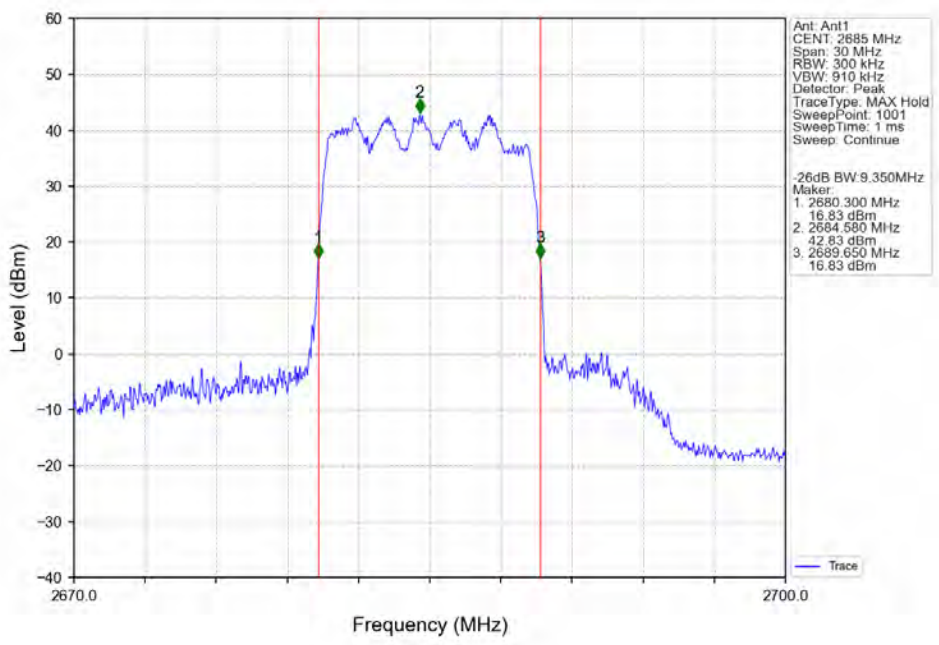
41_Single_NTNV_CC1:10MHz_256QAM_CC1:2593MHz_Ant1



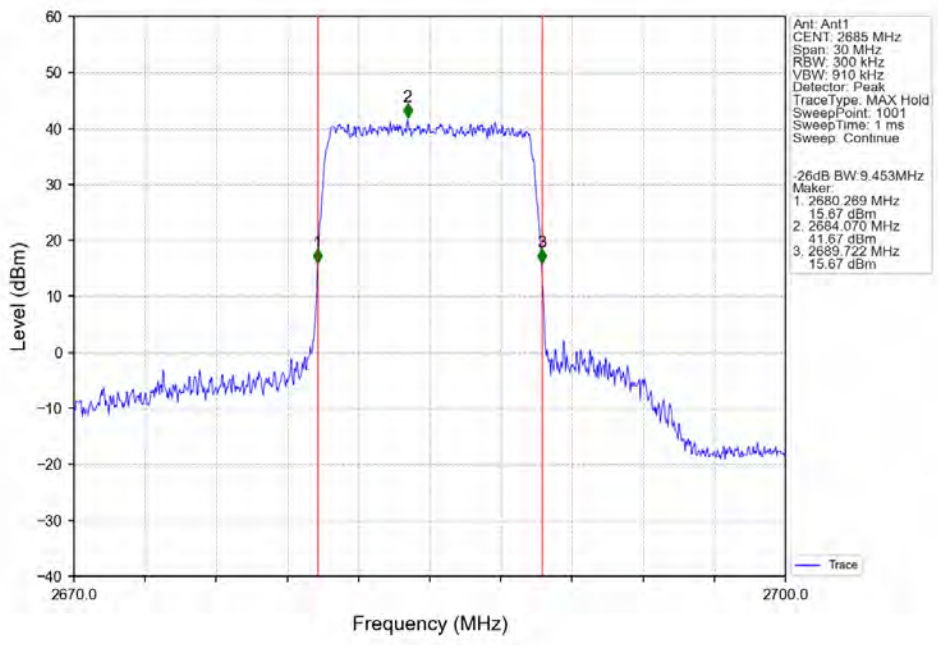
41_Single_NTNV_CC1:10MHz_QPSK_CC1:2685MHz_Ant1



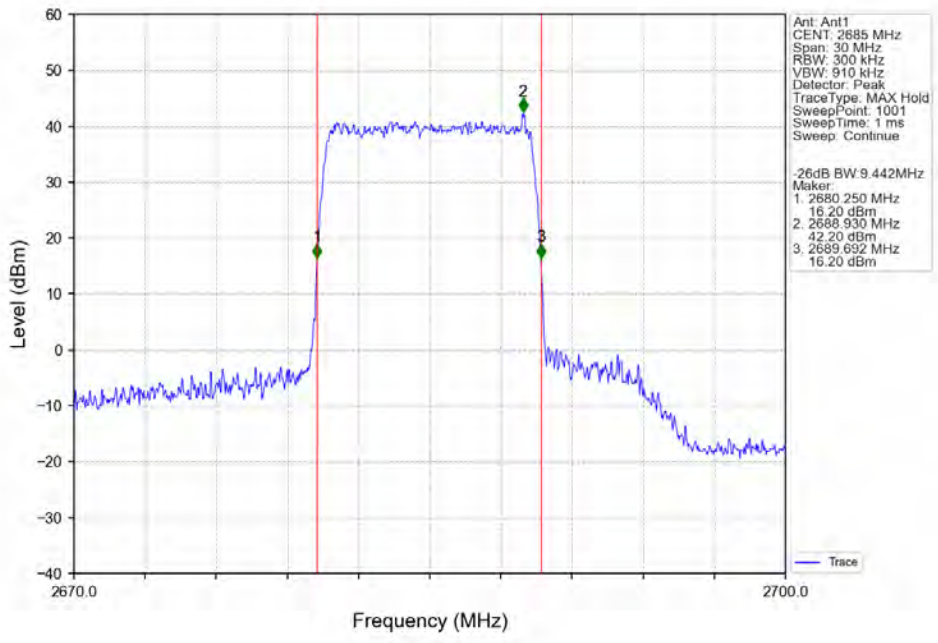
41_Single_NTNV_CC1:10MHz_16QAM_CC1:2685MHz_Ant1



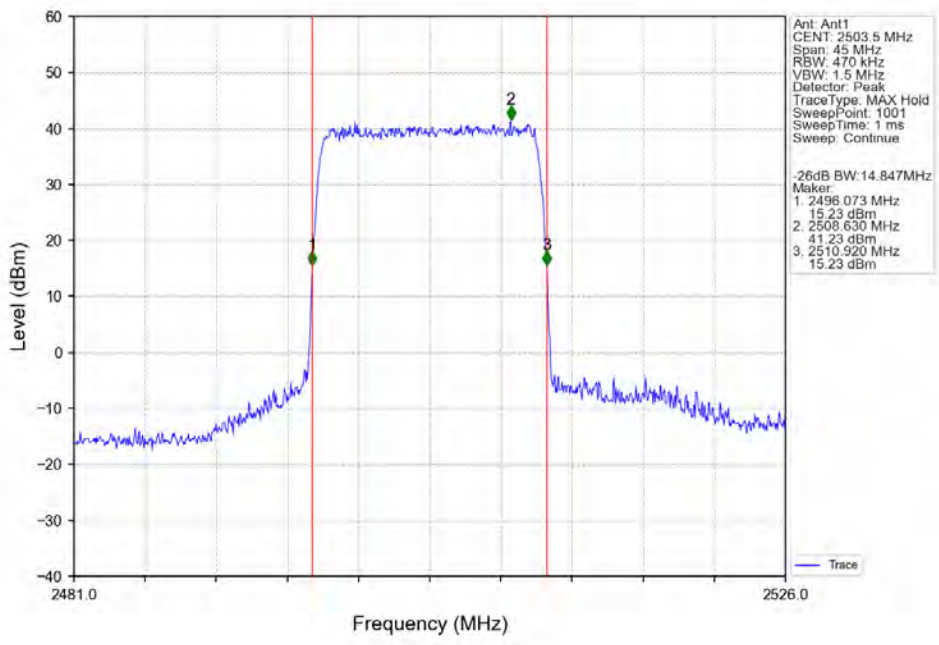
41_Single_NTNV_CC1:10MHz_64QAM_CC1:2685MHz_Ant1



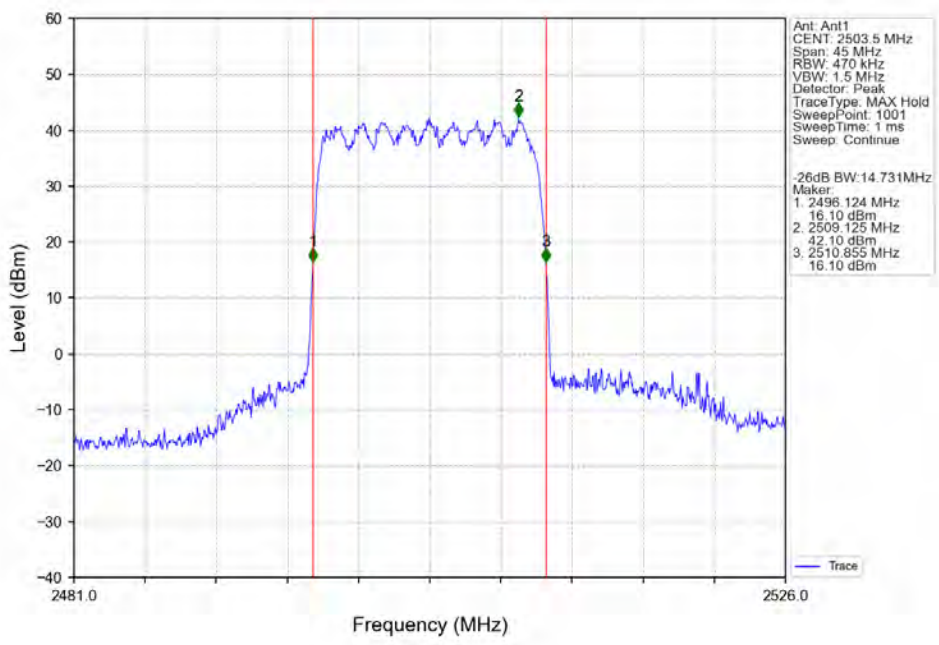
41_Single_NTNV_CC1:10MHz_256QAM_CC1:2685MHz_Ant1



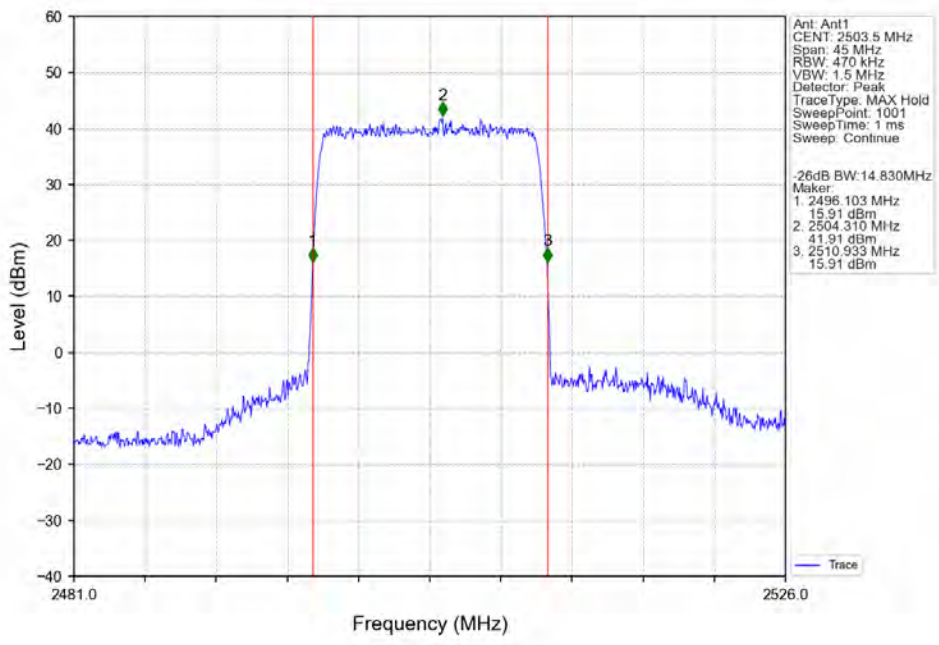
41_Single_NTNV_CC1:15MHz_QPSK_CC1:2503.5MHz_Ant1



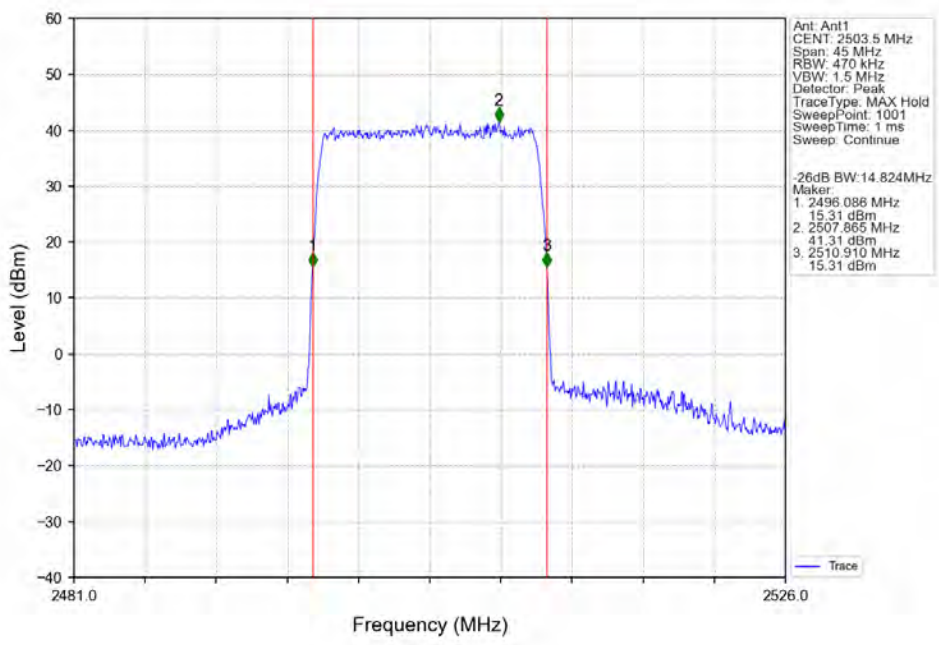
41_Single_NTNV_CC1:15MHz_16QAM_CC1:2503.5MHz_Ant1



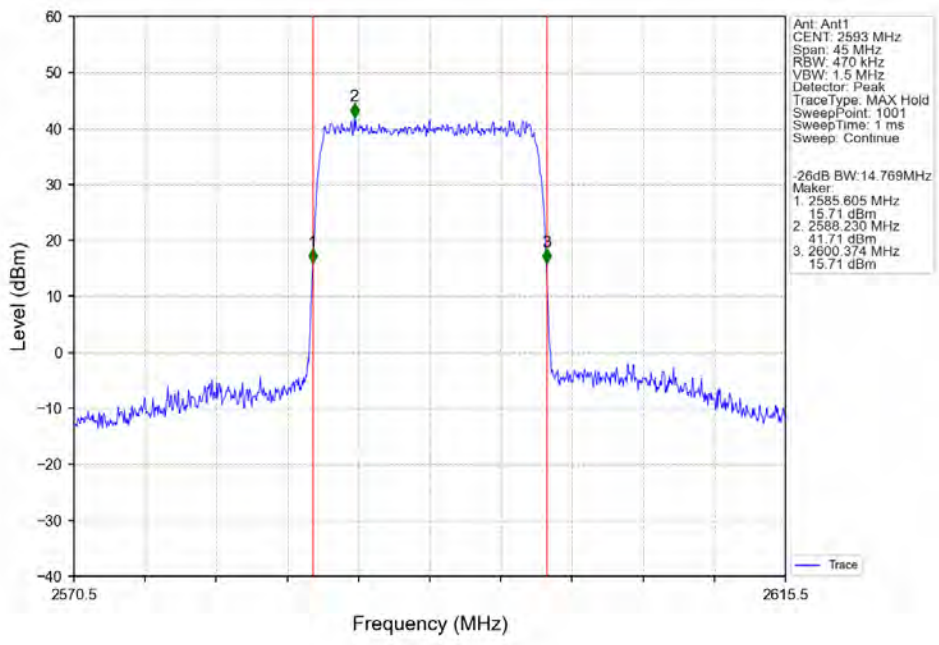
41_Single_NTNV_CC1:15MHz_64QAM_CC1:2503.5MHz_Ant1



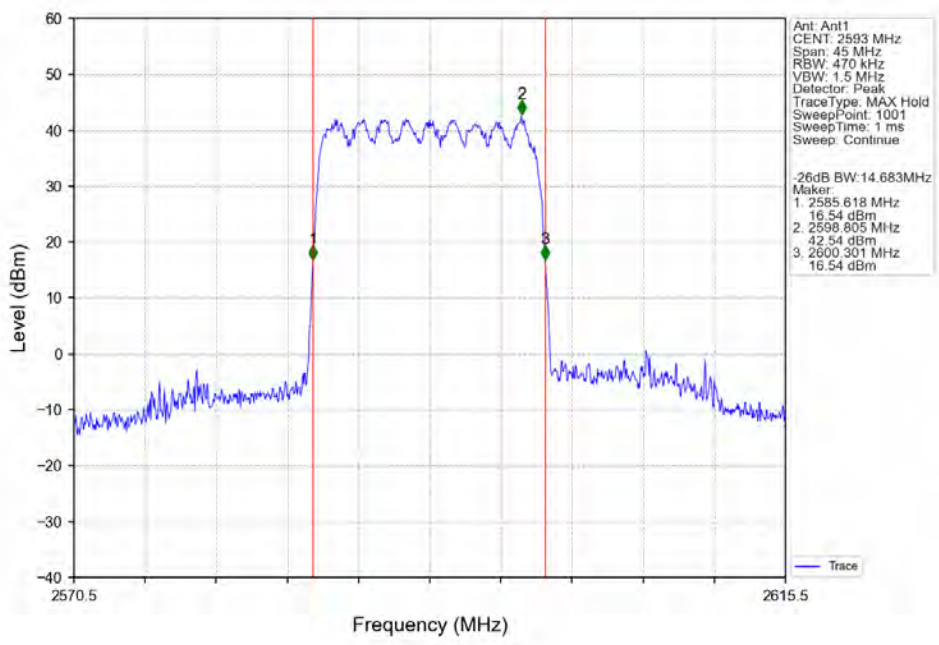
41_Single_NTNV_CC1:15MHz_256QAM_CC1:2503.5MHz_Ant1



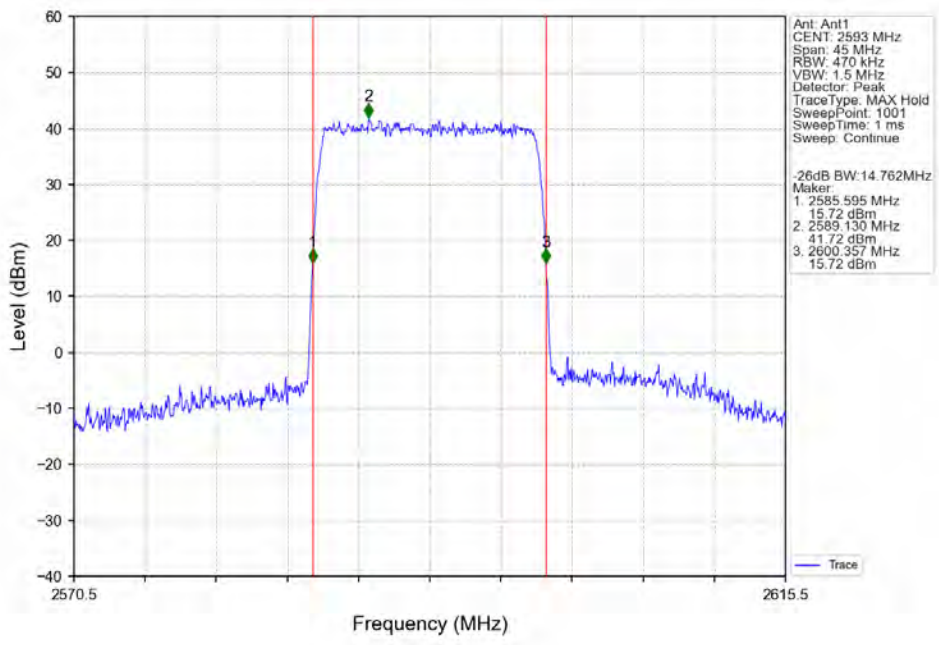
41_Single_NTNV_CC1:15MHz_QPSK_CC1:2593MHz_Ant1



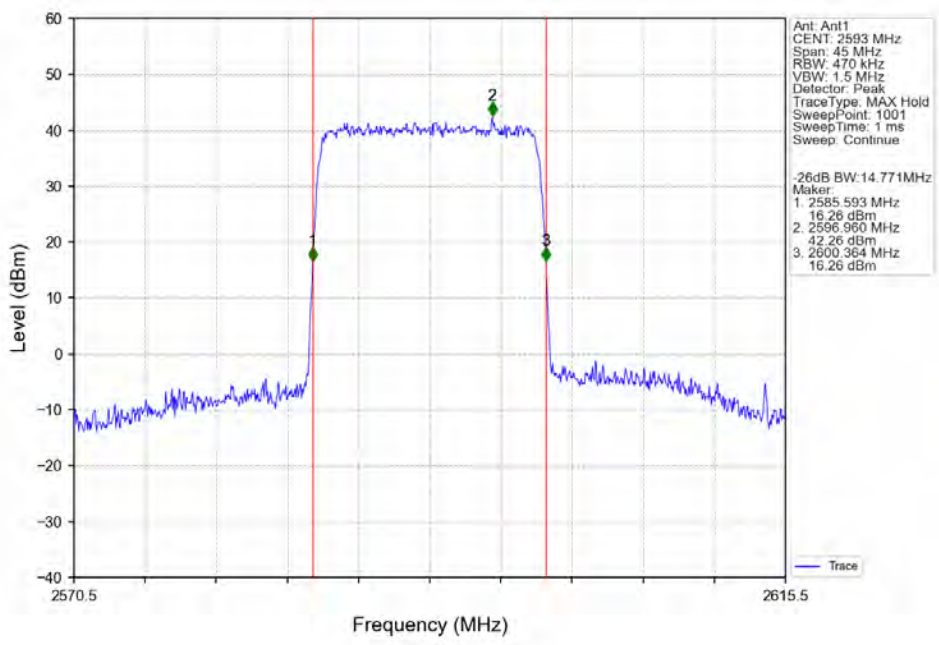
41_Single_NTNV_CC1:15MHz_16QAM_CC1:2593MHz_Ant1



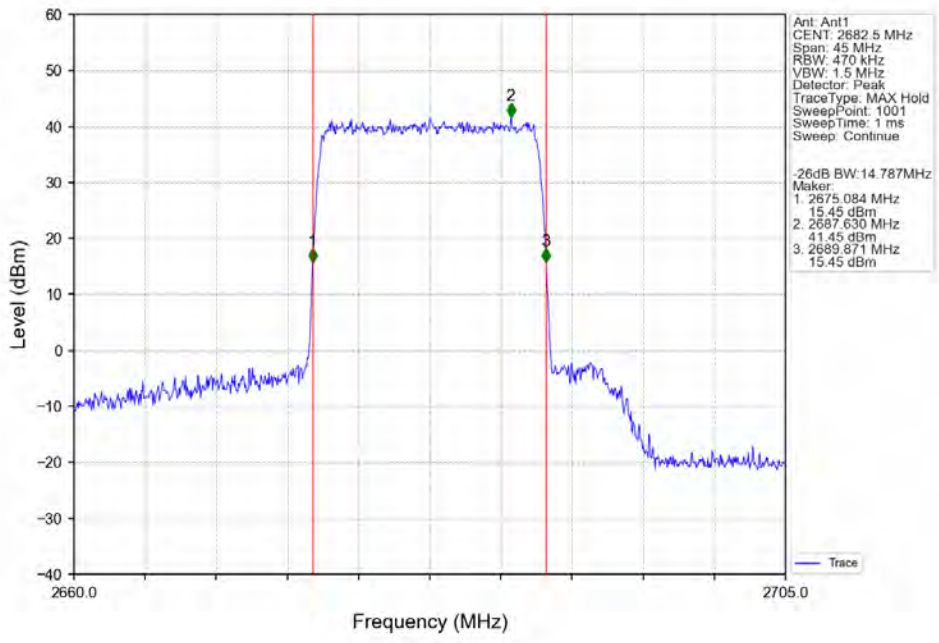
41_Single_NTNV_CC1:15MHz_64QAM_CC1:2593MHz_Ant1



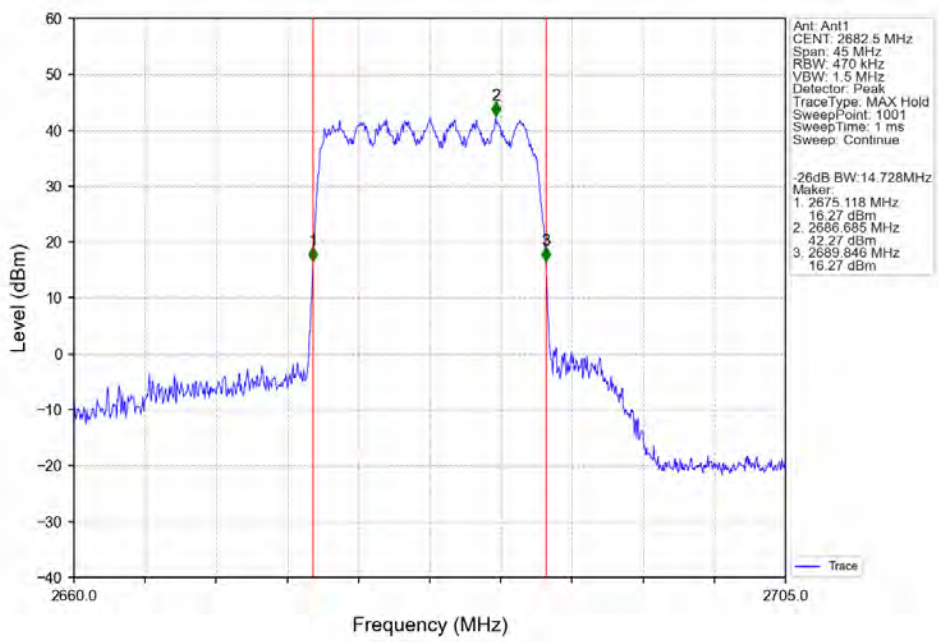
41_Single_NTNV_CC1:15MHz_256QAM_CC1:2593MHz_Ant1



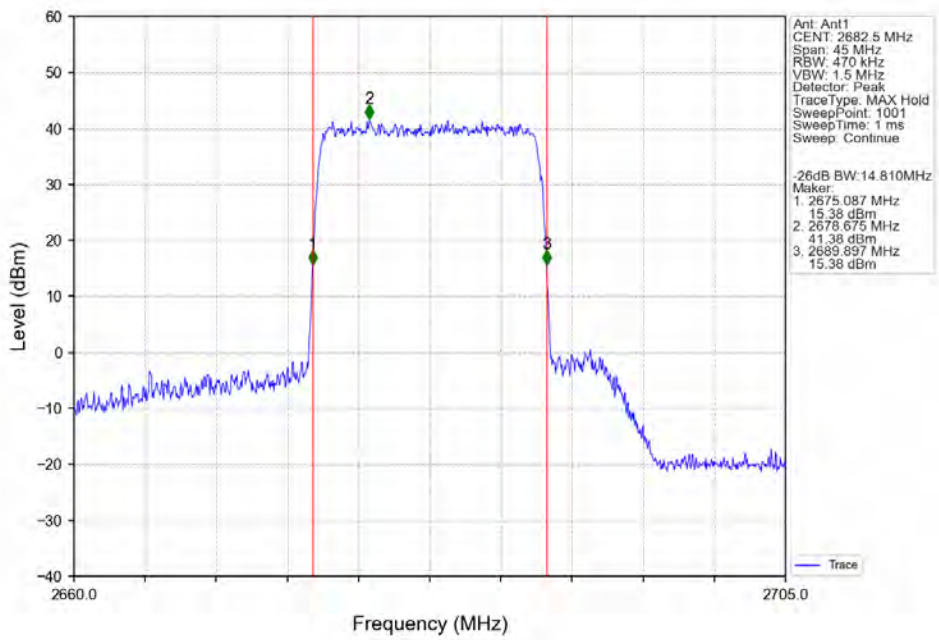
41_Single_NTNV_CC1:15MHz_QPSK_CC1:2682.5MHz_Ant1



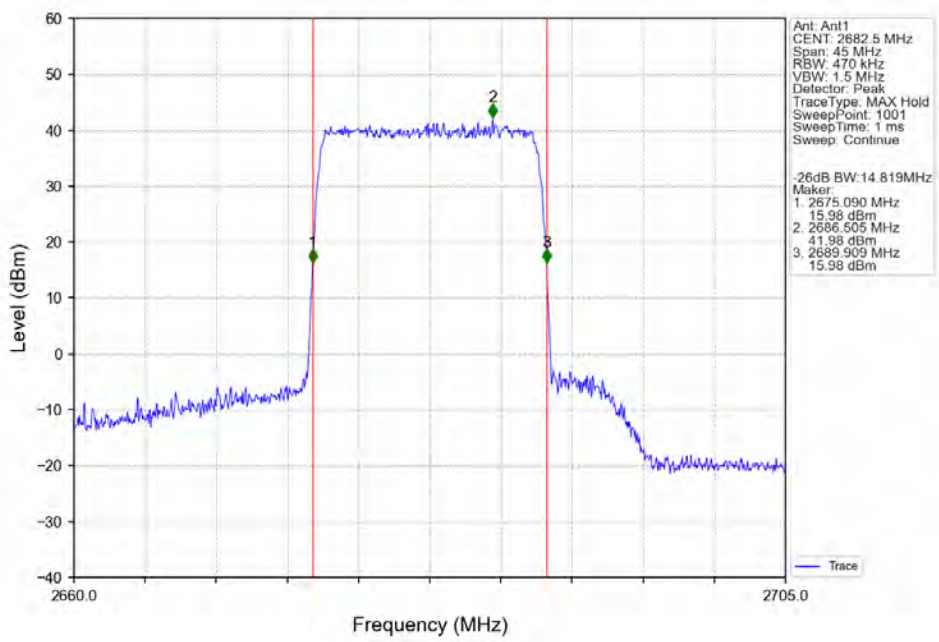
41_Single_NTNV_CC1:15MHz_16QAM_CC1:2682.5MHz_Ant1



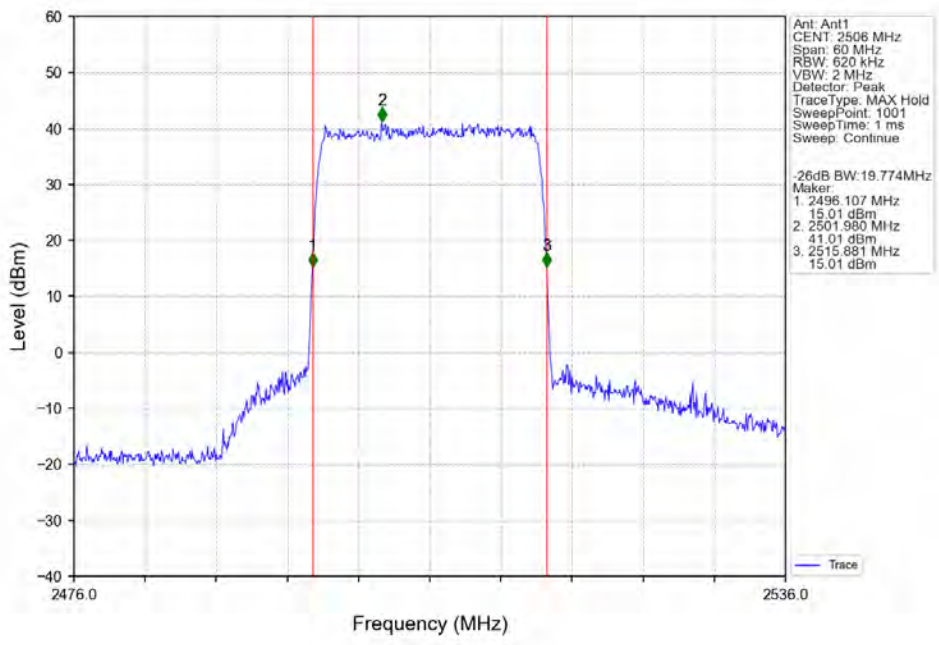
41_Single_NTNV_CC1:15MHz_64QAM_CC1:2682.5MHz_Ant1



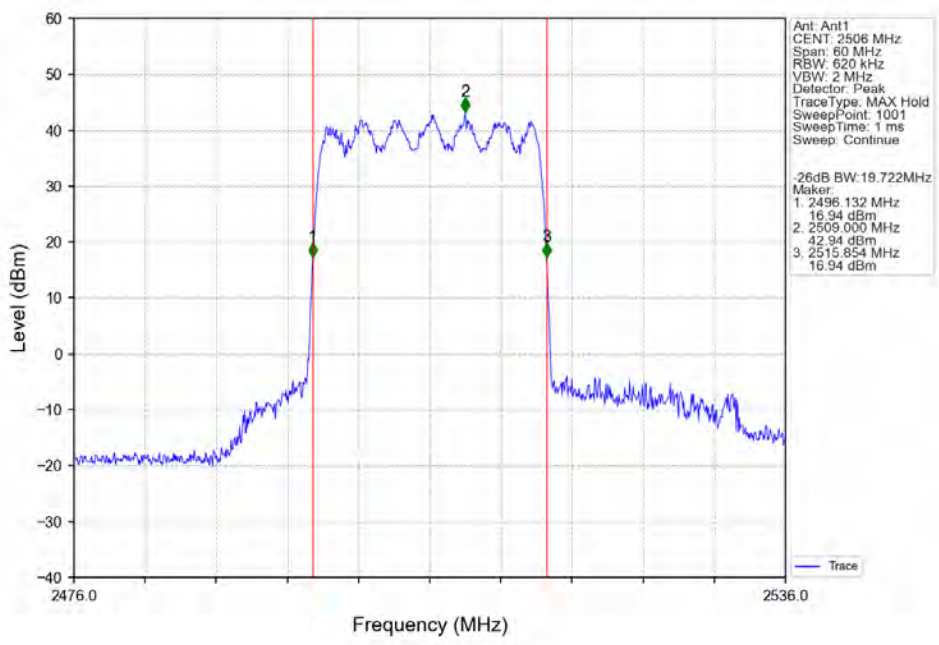
41_Single_NTNV_CC1:15MHz_256QAM_CC1:2682.5MHz_Ant1



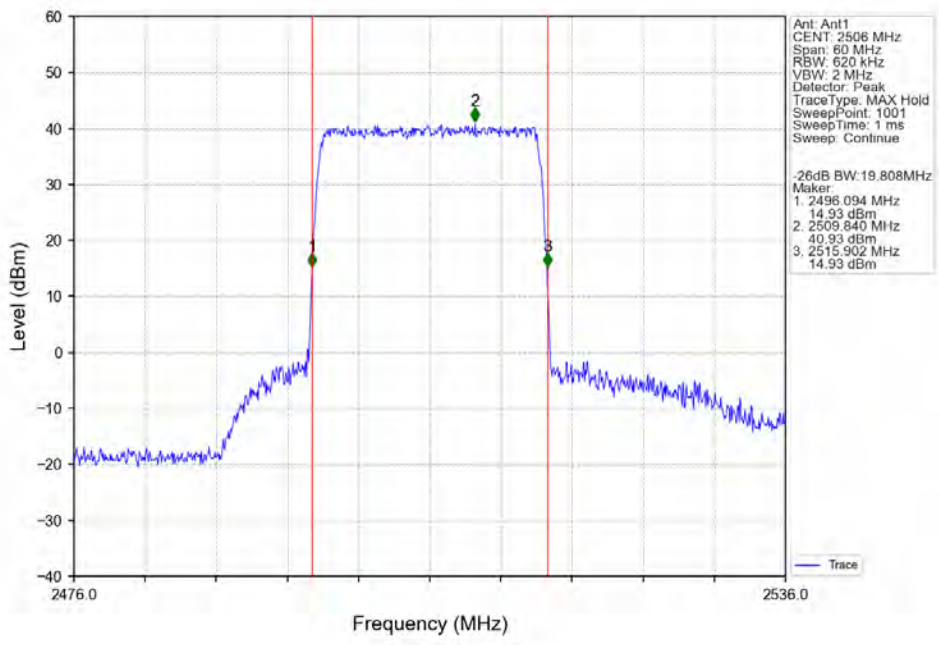
41_Single_NTNV_CC1:20MHz_QPSK_CC1:2506MHz_Ant1



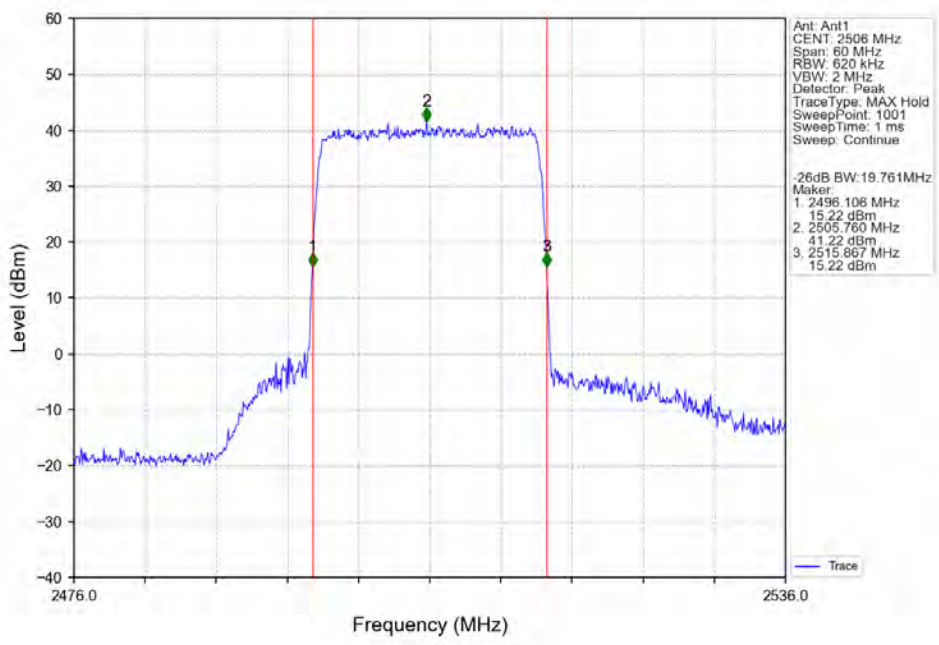
41_Single_NTNV_CC1:20MHz_16QAM_CC1:2506MHz_Ant1



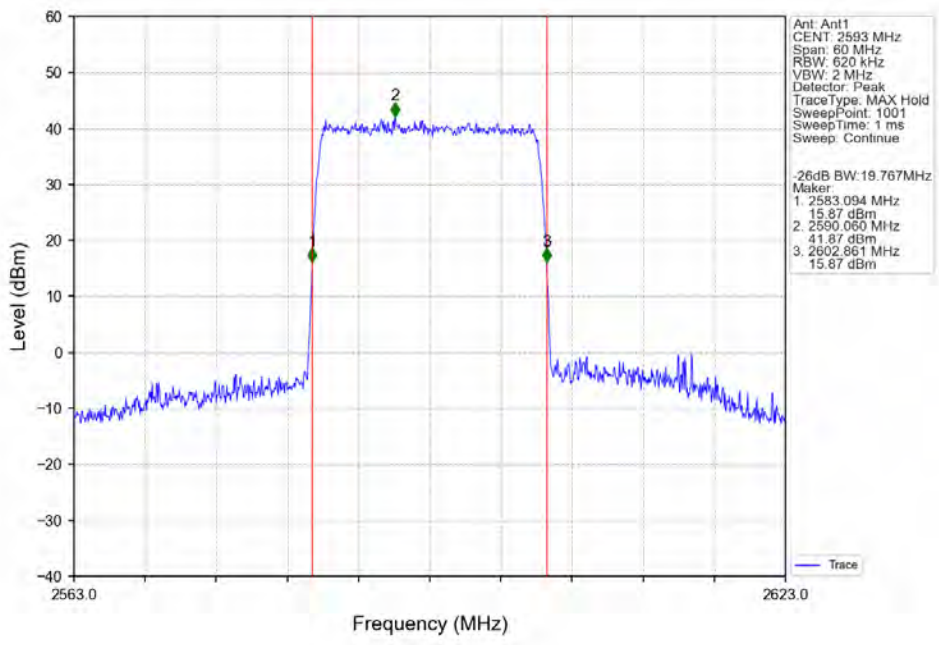
41_Single_NTNV_CC1:20MHz_64QAM_CC1:2506MHz_Ant1



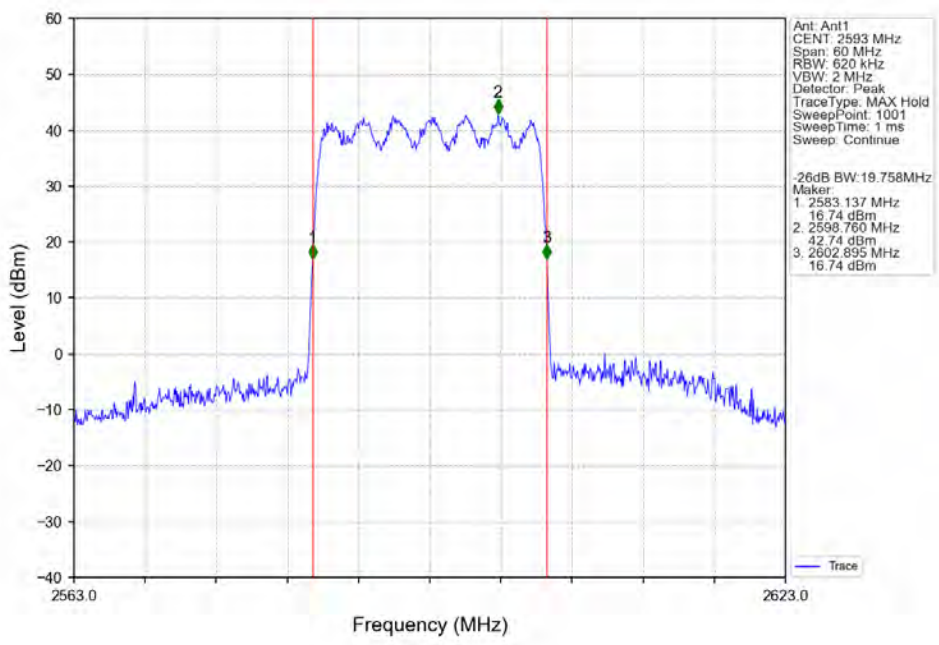
41_Single_NTNV_CC1:20MHz_256QAM_CC1:2506MHz_Ant1



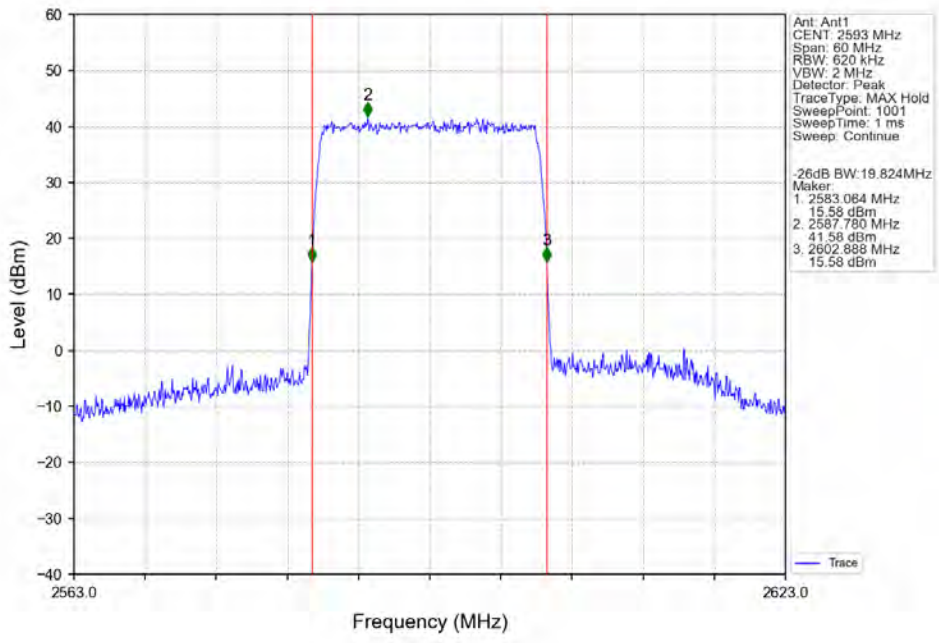
41_Single_NTNV_CC1:20MHz_QPSK_CC1:2593MHz_Ant1



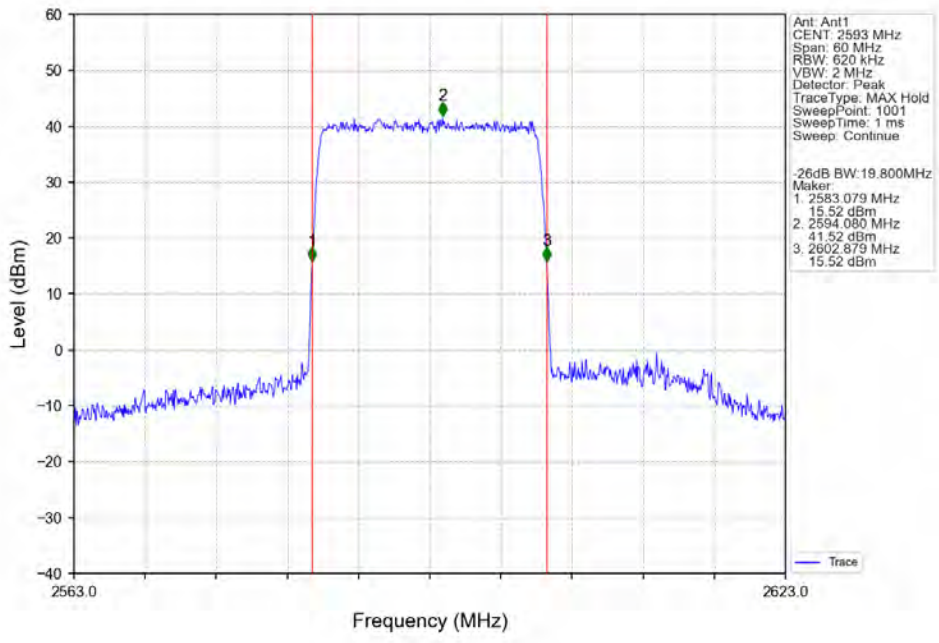
41_Single_NTNV_CC1:20MHz_16QAM_CC1:2593MHz_Ant1



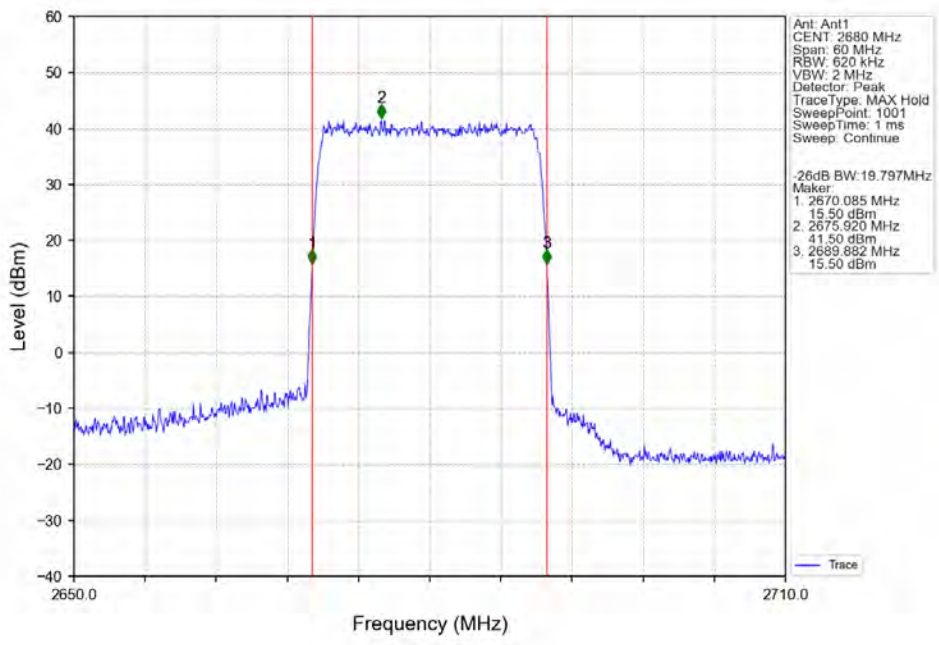
41_Single_NTNV_CC1:20MHz_64QAM_CC1:2593MHz_Ant1



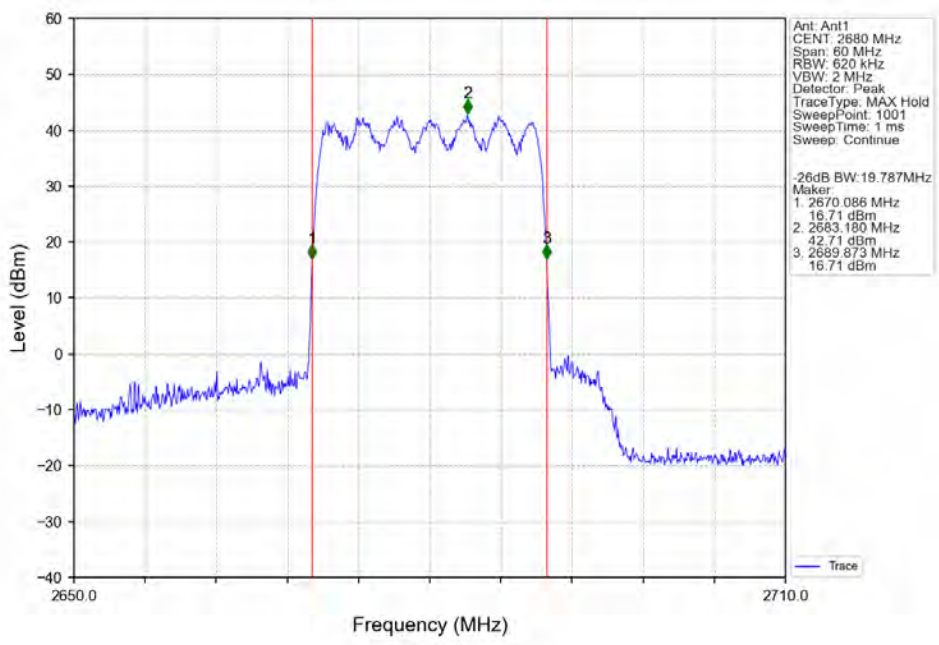
41_Single_NTNV_CC1:20MHz_256QAM_CC1:2593MHz_Ant1



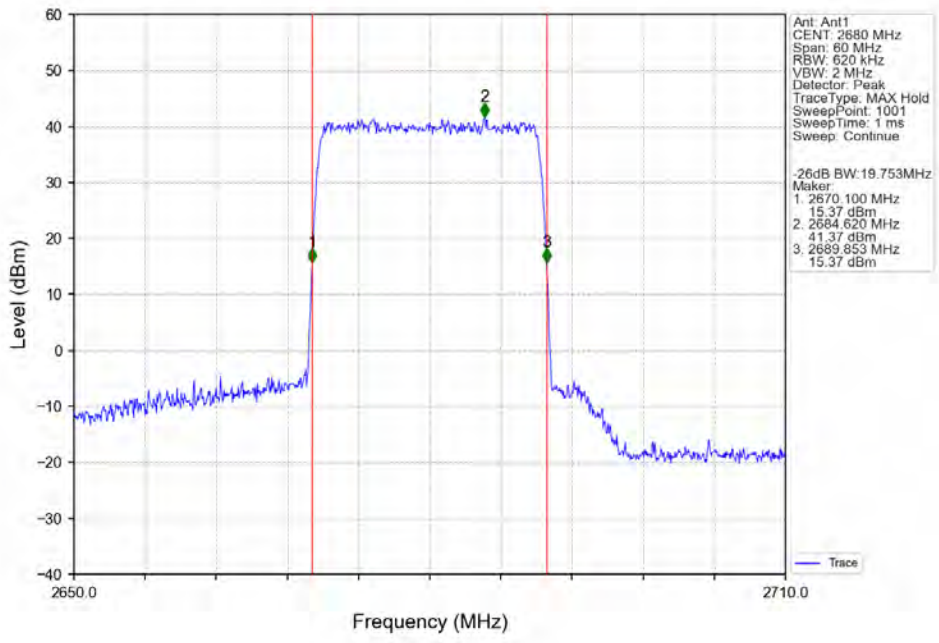
41_Single_NTNV_CC1:20MHz_QPSK_CC1:2680MHz_Ant1



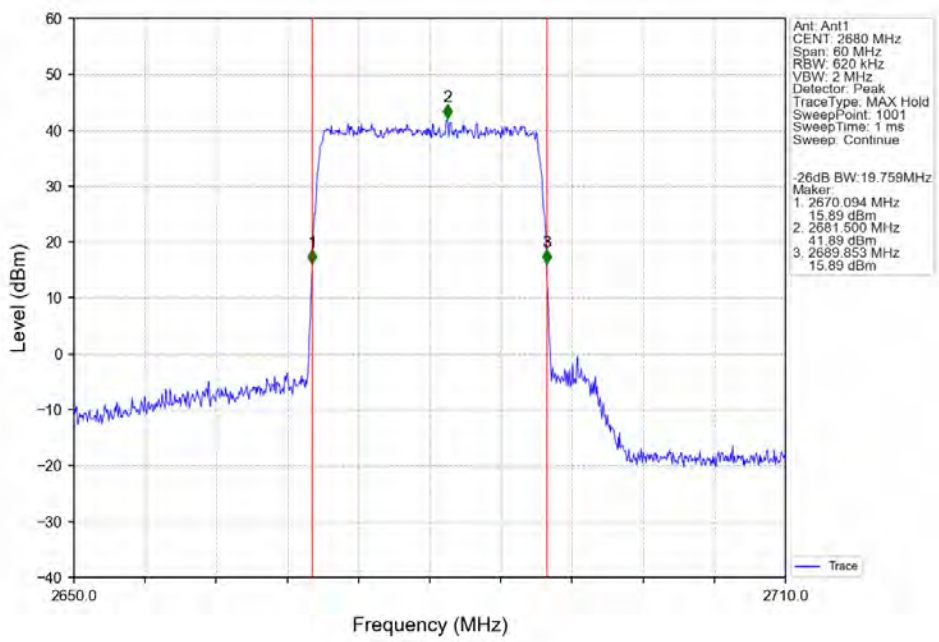
41_Single_NTNV_CC1:20MHz_16QAM_CC1:2680MHz_Ant1



41_Single_NTNV_CC1:20MHz_64QAM_CC1:2680MHz_Ant1



41_Single_NTNV_CC1:20MHz_256QAM_CC1:2680MHz_Ant1



5. Peak-Average Ratio

5.1 Test Result

5.1.1 Single

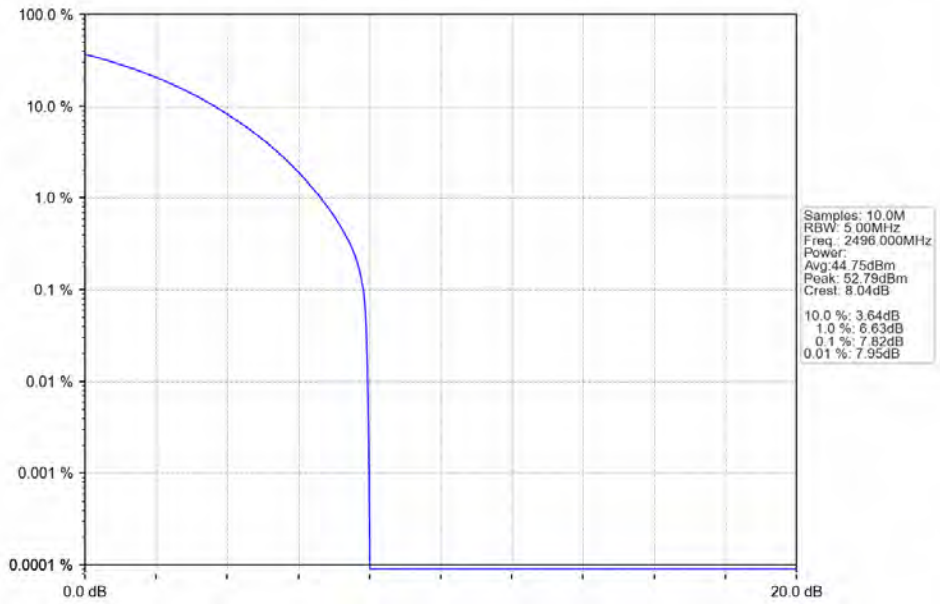
Band 41 Single NTNV Ant1						
BW (MHz)	DL Frequency (MHz)	Test Mode	Ant No.	Peak-Average Ratio (dB)		Verdict
				Result	Limit	
CC1:5	CC1:2498.5	QPSK	1	7.82	<=13	Pass
		16QAM	1	7.95	<=13	Pass
		64QAM	1	7.97	<=13	Pass
		256QAM	1	7.97	<=13	Pass
	CC1:2593	QPSK	1	7.89	<=13	Pass
		16QAM	1	7.88	<=13	Pass
		64QAM	1	7.98	<=13	Pass
		256QAM	1	7.96	<=13	Pass
	CC1:2687.5	QPSK	1	7.86	<=13	Pass
		16QAM	1	7.86	<=13	Pass
		64QAM	1	8.00	<=13	Pass
		256QAM	1	7.91	<=13	Pass
CC1:10	CC1:2501	QPSK	1	7.80	<=13	Pass
		16QAM	1	7.83	<=13	Pass
		64QAM	1	7.88	<=13	Pass
		256QAM	1	7.87	<=13	Pass
	CC1:2593	QPSK	1	7.85	<=13	Pass
		16QAM	1	7.93	<=13	Pass
		64QAM	1	7.91	<=13	Pass
		256QAM	1	7.90	<=13	Pass
	CC1:2685	QPSK	1	7.71	<=13	Pass
		16QAM	1	7.78	<=13	Pass
		64QAM	1	7.84	<=13	Pass
		256QAM	1	7.81	<=13	Pass
CC1:15	CC1:2503.5	QPSK	1	7.76	<=13	Pass
		16QAM	1	7.82	<=13	Pass
		64QAM	1	7.82	<=13	Pass
		256QAM	1	7.83	<=13	Pass
	CC1:2593	QPSK	1	7.81	<=13	Pass
		16QAM	1	7.86	<=13	Pass
		64QAM	1	7.87	<=13	Pass
		256QAM	1	7.85	<=13	Pass
	CC1:2682.5	QPSK	1	7.73	<=13	Pass
		16QAM	1	7.76	<=13	Pass
		64QAM	1	7.75	<=13	Pass
		256QAM	1	7.75	<=13	Pass
CC1:20	CC1:2506	QPSK	1	7.78	<=13	Pass
		16QAM	1	7.77	<=13	Pass
		64QAM	1	7.85	<=13	Pass
		256QAM	1	7.84	<=13	Pass
	CC1:2593	QPSK	1	7.90	<=13	Pass
		16QAM	1	7.89	<=13	Pass
		64QAM	1	7.88	<=13	Pass
		256QAM	1	7.89	<=13	Pass
	CC1:2680	QPSK	1	7.91	<=13	Pass

		16QAM	1	7.78	<=13	Pass
		64QAM	1	7.84	<=13	Pass
		256QAM	1	7.84	<=13	Pass

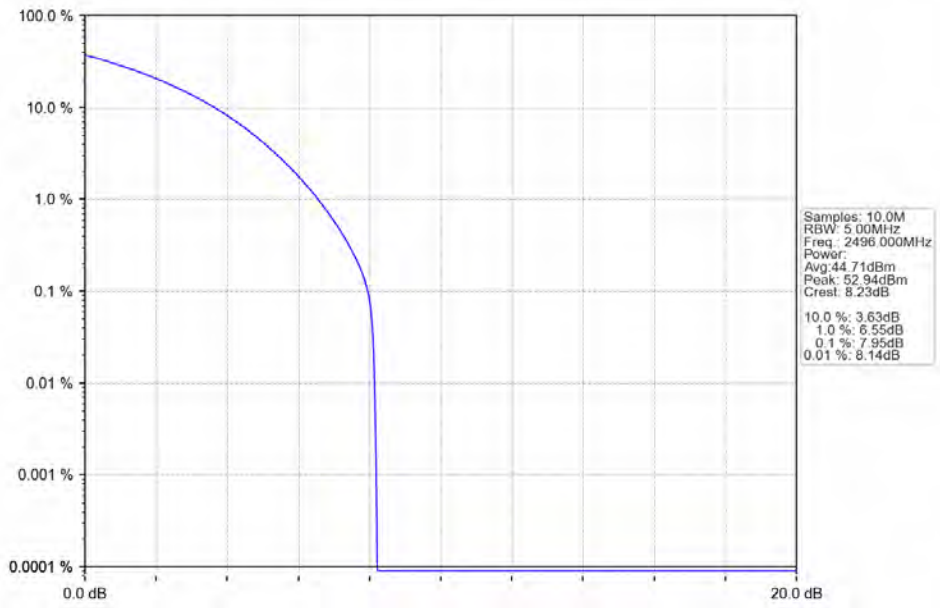
5.2 Test Graph

5.2.1 Single

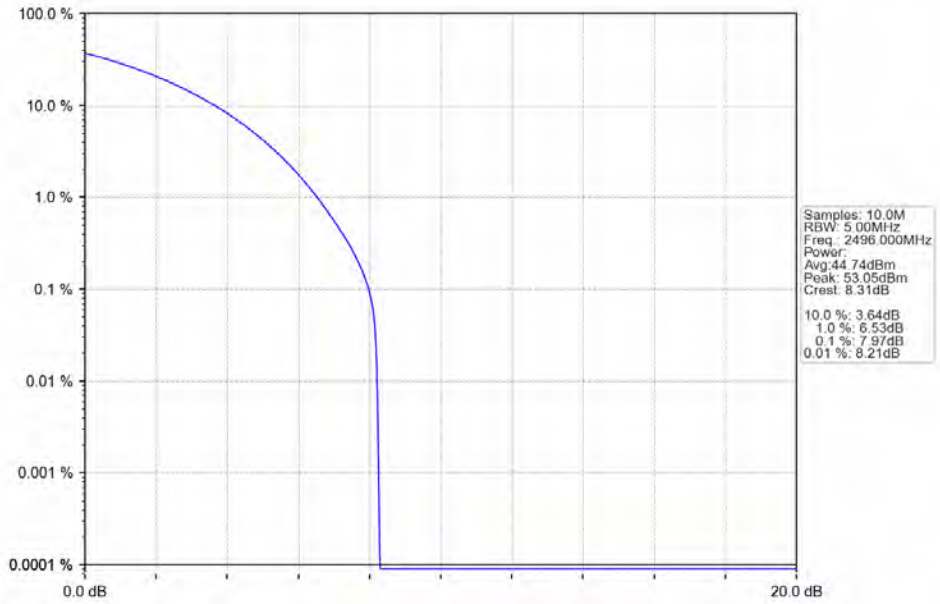
41_Single_NTNV_CC1:5MHz_QPSK_CC1:2498.5MHz_Ant1



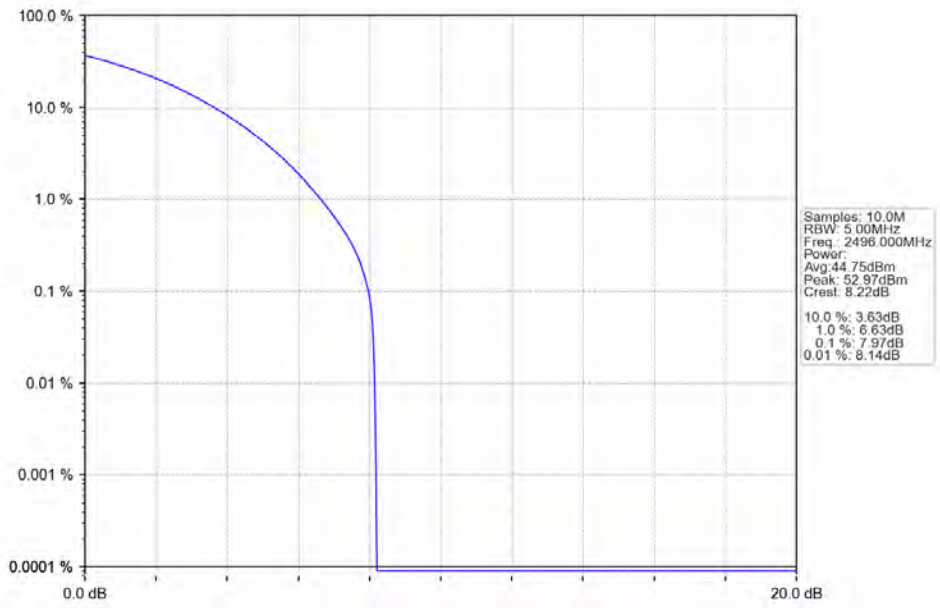
41_Single_NTNV_CC1:5MHz_16QAM_CC1:2498.5MHz_Ant1



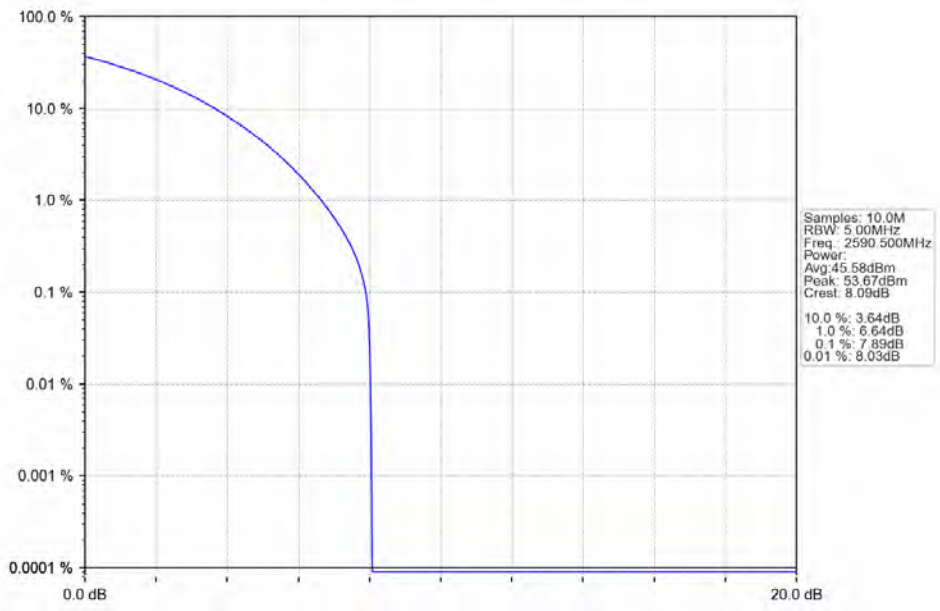
41_Single_NTNV_CC1:5MHz_64QAM_CC1:2498.5MHz_Ant1



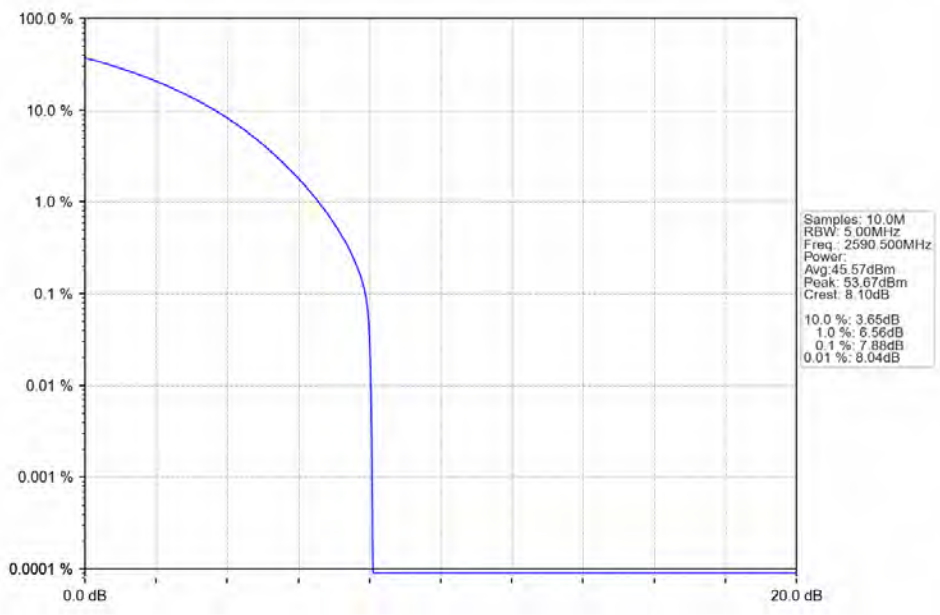
41_Single_NTNV_CC1:5MHz_256QAM_CC1:2498.5MHz_Ant1



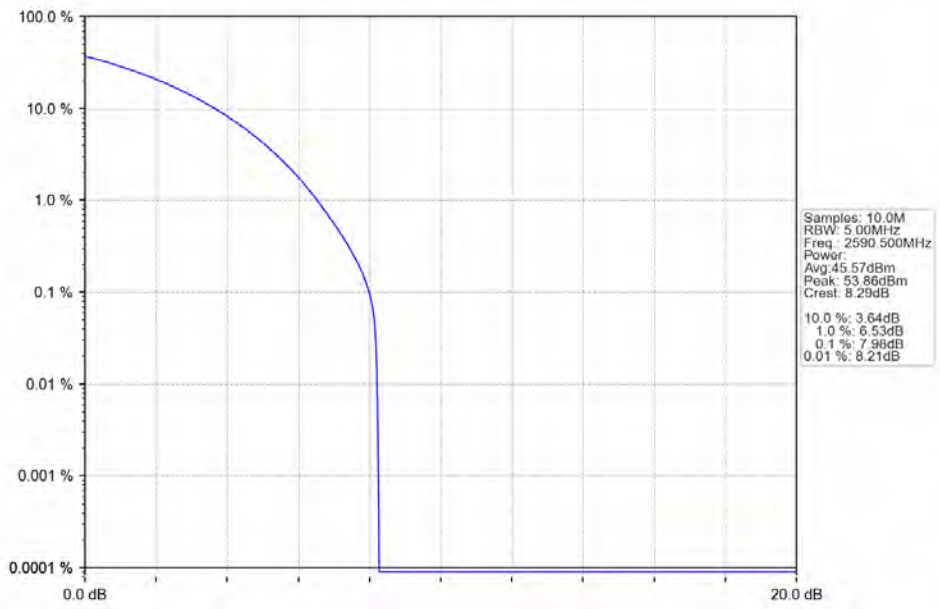
41_Single_NTNV_CC1:5MHz_QPSK_CC1:2593MHz_Ant1



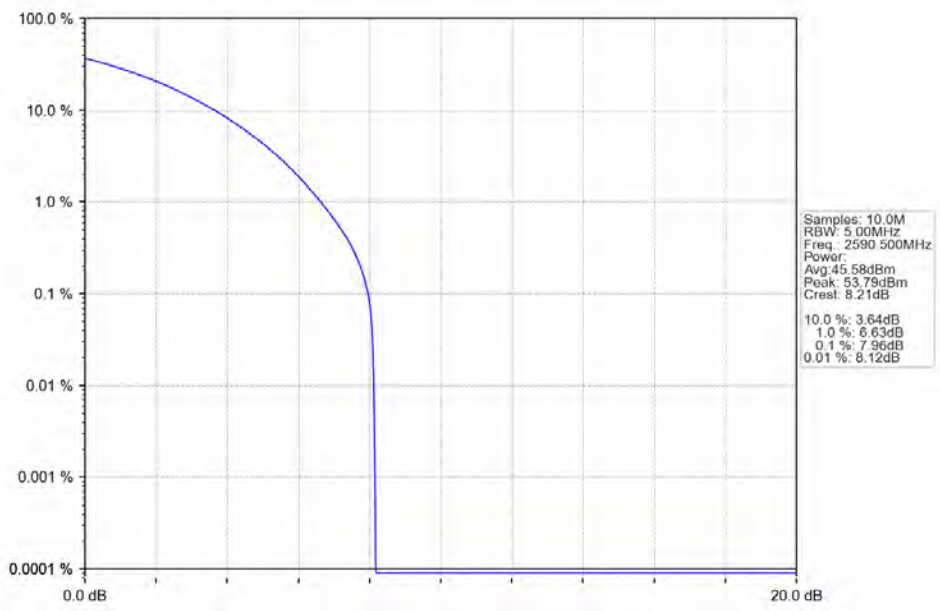
41_Single_NTNV_CC1:5MHz_16QAM_CC1:2593MHz_Ant1



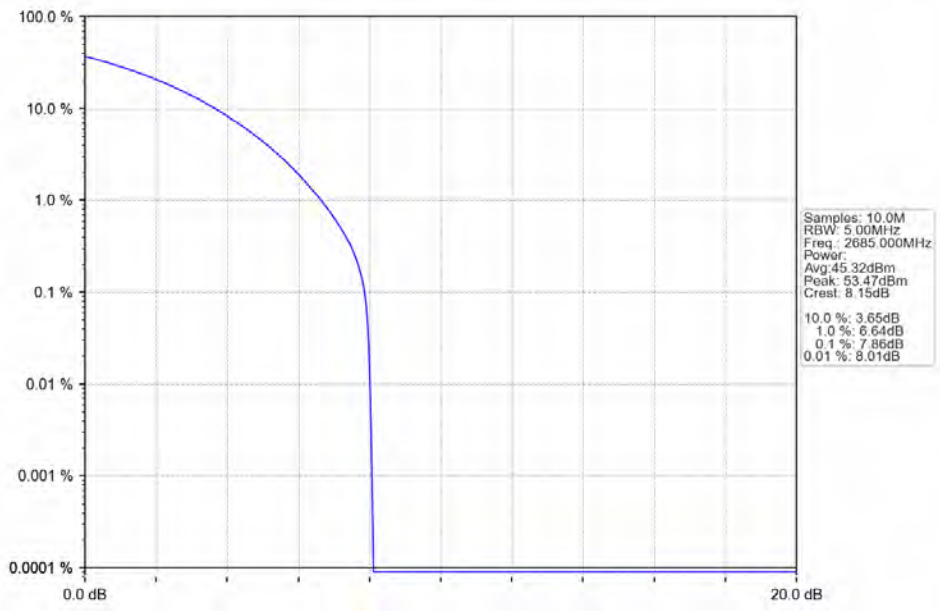
41_Single_NTNV_CC1:5MHz_64QAM_CC1:2593MHz_Ant1



41_Single_NTNV_CC1:5MHz_256QAM_CC1:2593MHz_Ant1



41_Single_NTNV_CC1:5MHz_QPSK_CC1:2687.5MHz_Ant1



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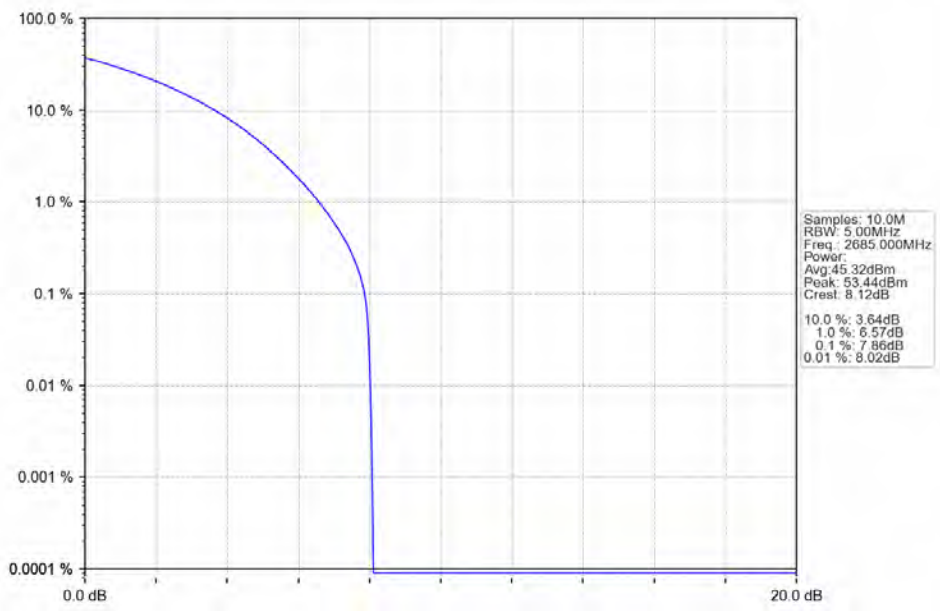

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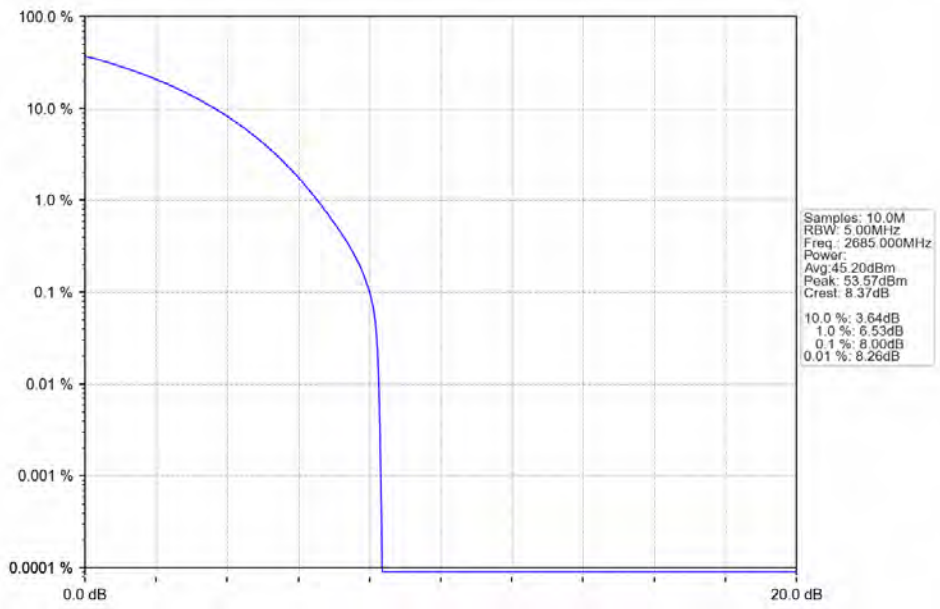

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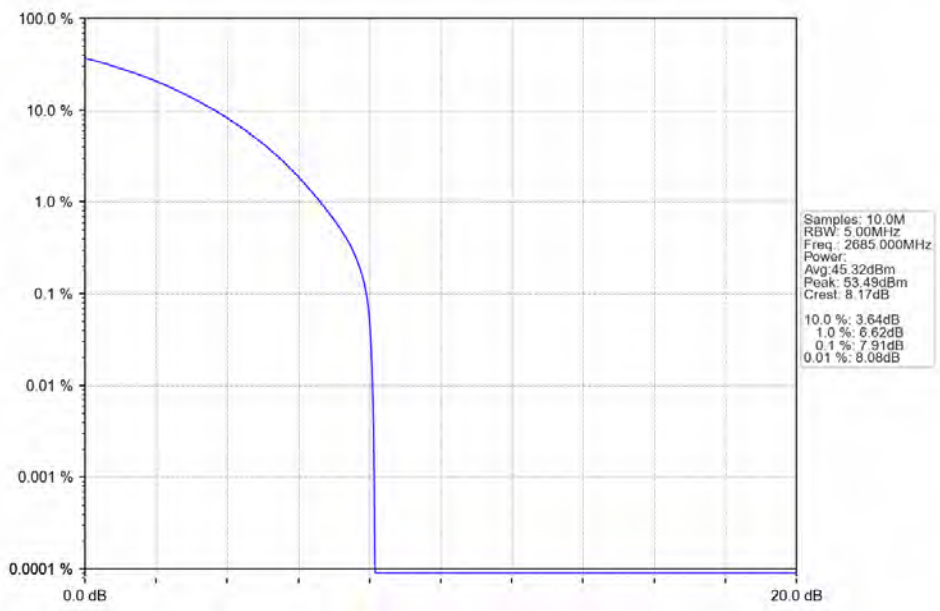
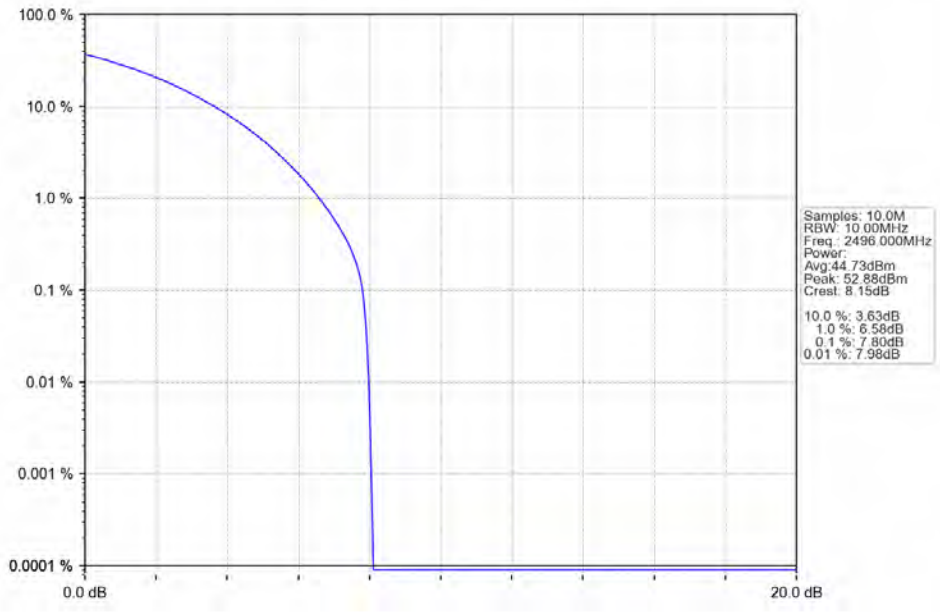
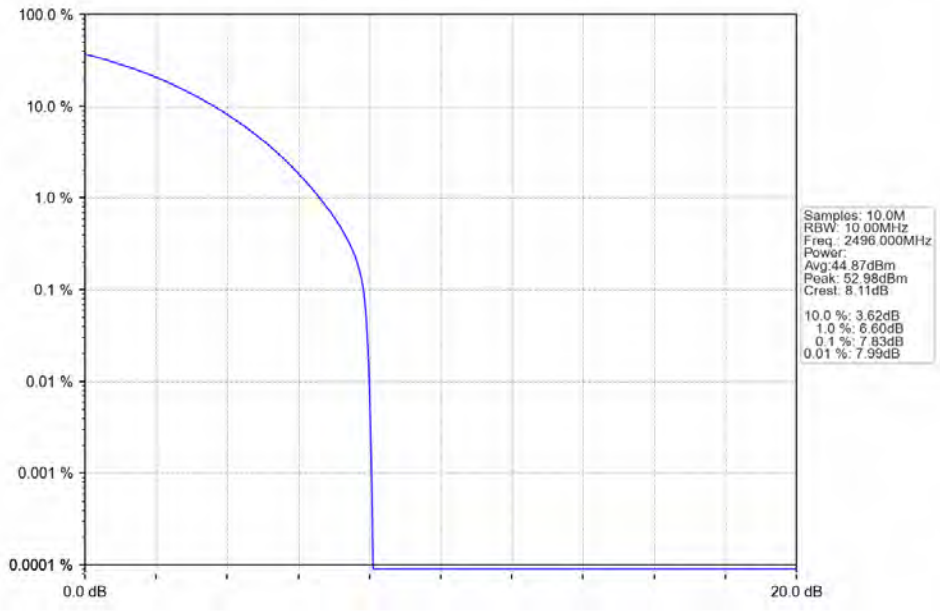


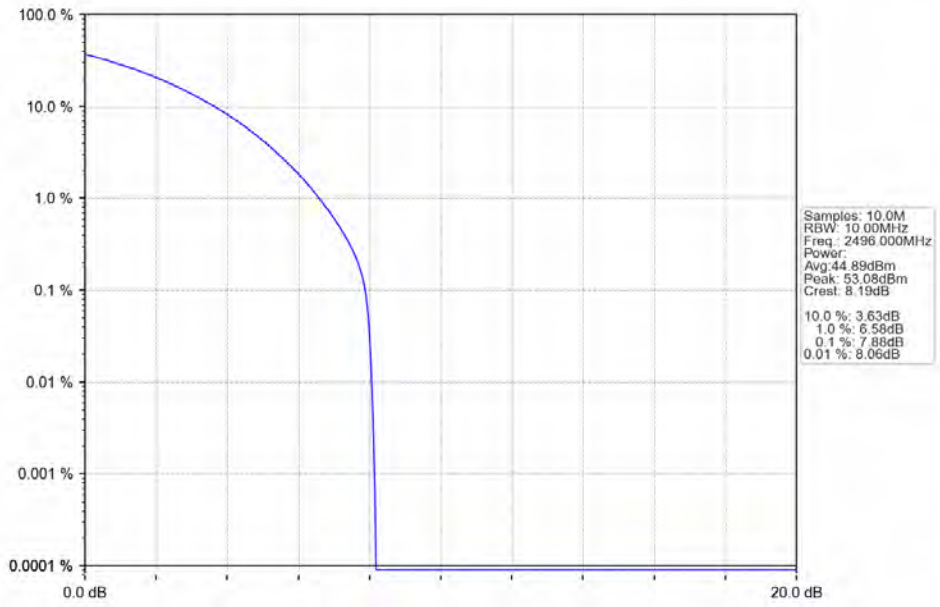
41_Single_NTNV_CC1:10MHz_QPSK_CC1:2501MHz_Ant1



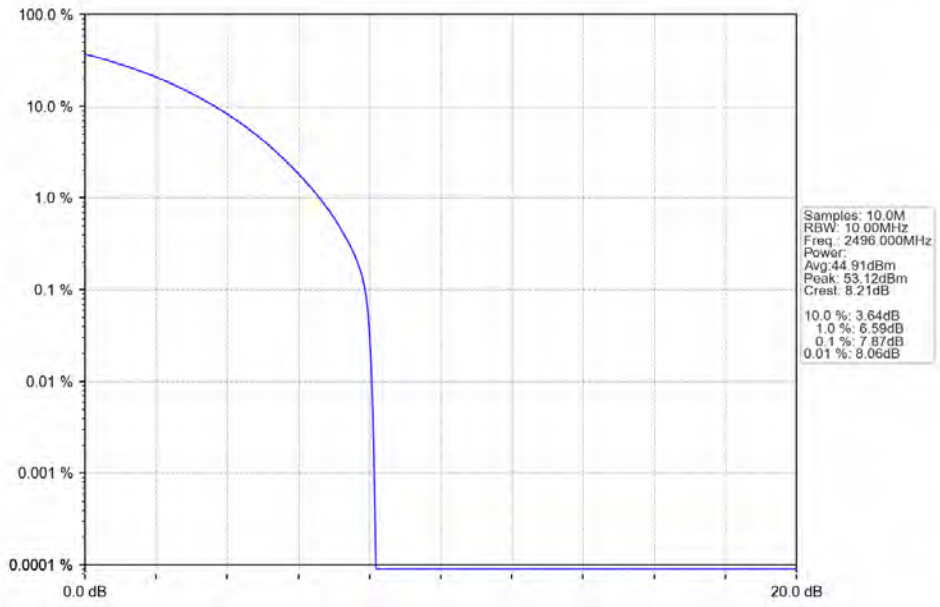
41_Single_NTNV_CC1:10MHz_16QAM_CC1:2501MHz_Ant1



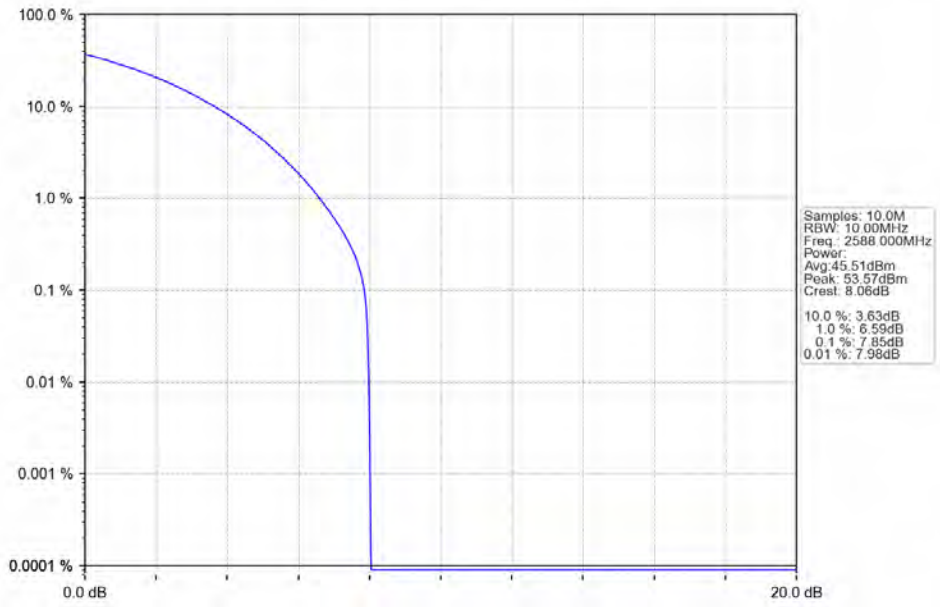
41_Single_NTNV_CC1:10MHz_64QAM_CC1:2501MHz_Ant1



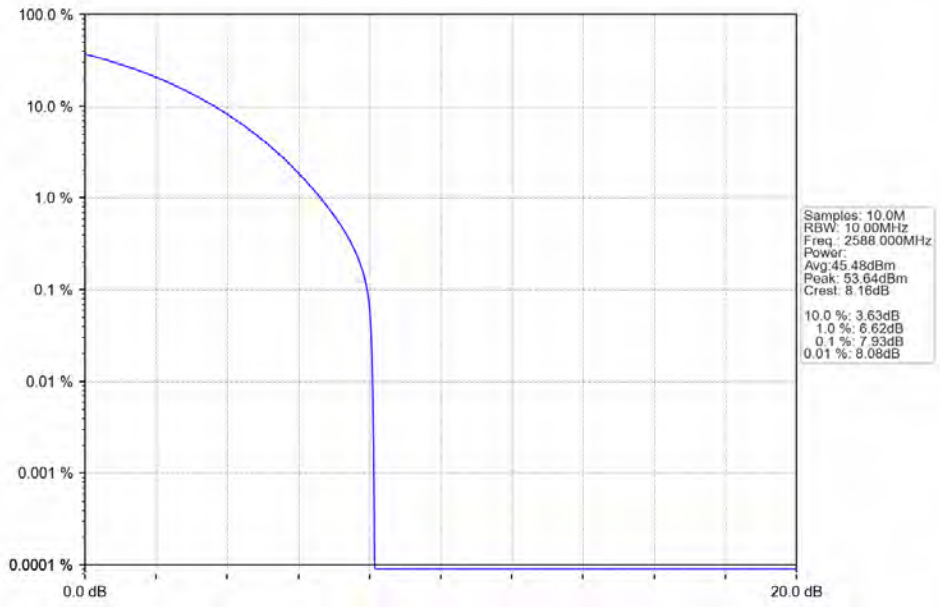
41_Single_NTNV_CC1:10MHz_256QAM_CC1:2501MHz_Ant1



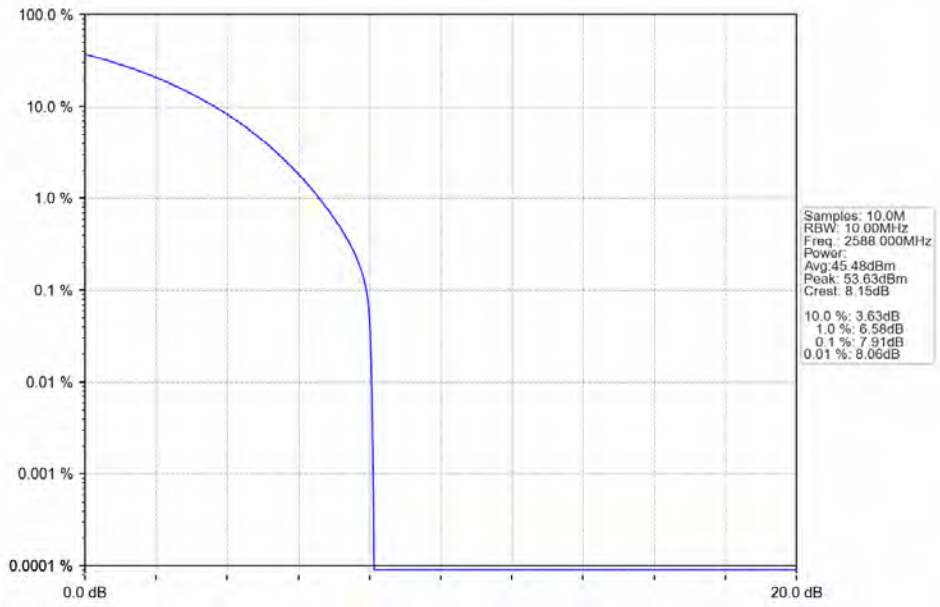
41_Single_NTNV_CC1:10MHz_QPSK_CC1:2593MHz_Ant1



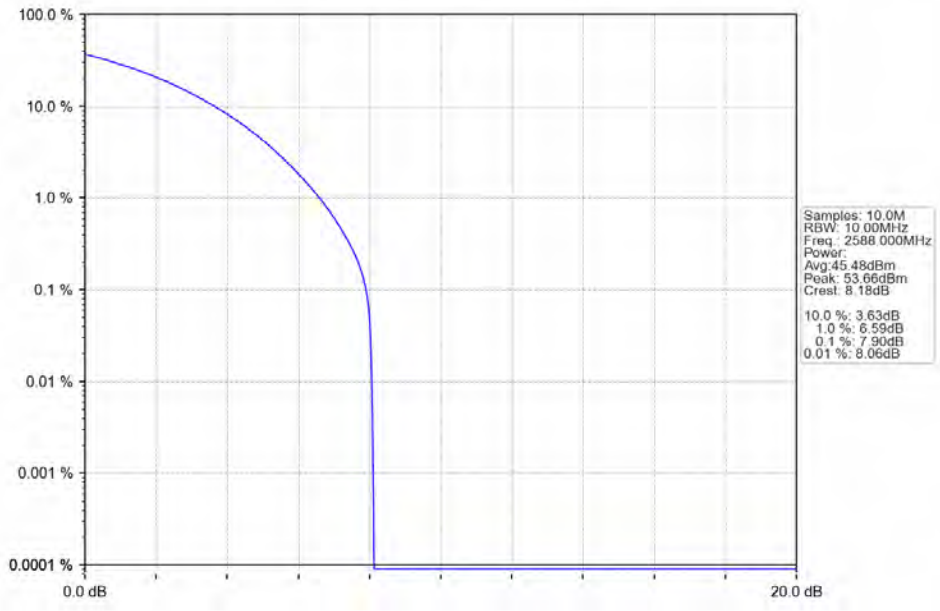
41_Single_NTNV_CC1:10MHz_16QAM_CC1:2593MHz_Ant1



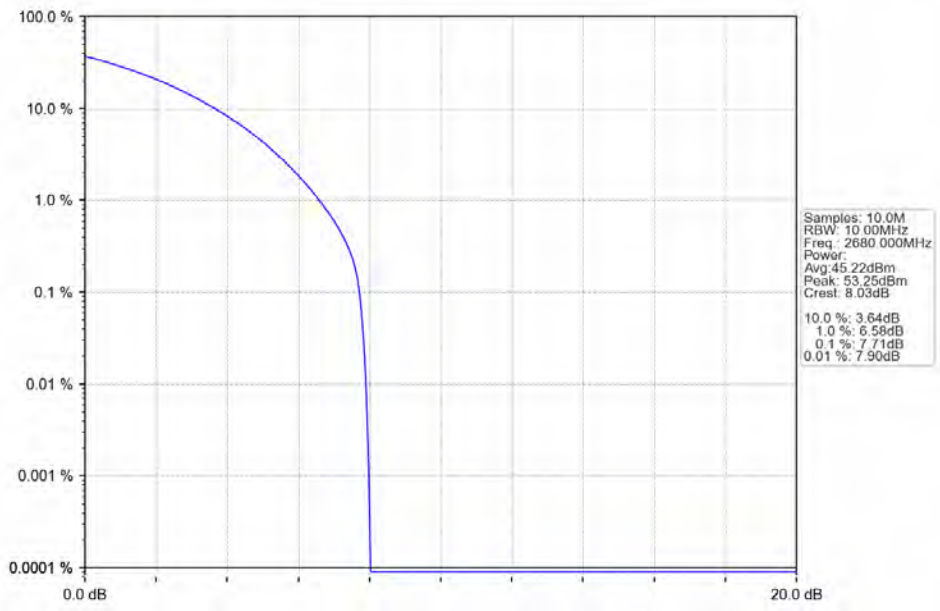
41_Single_NTNV_CC1:10MHz_64QAM_CC1:2593MHz_Ant1



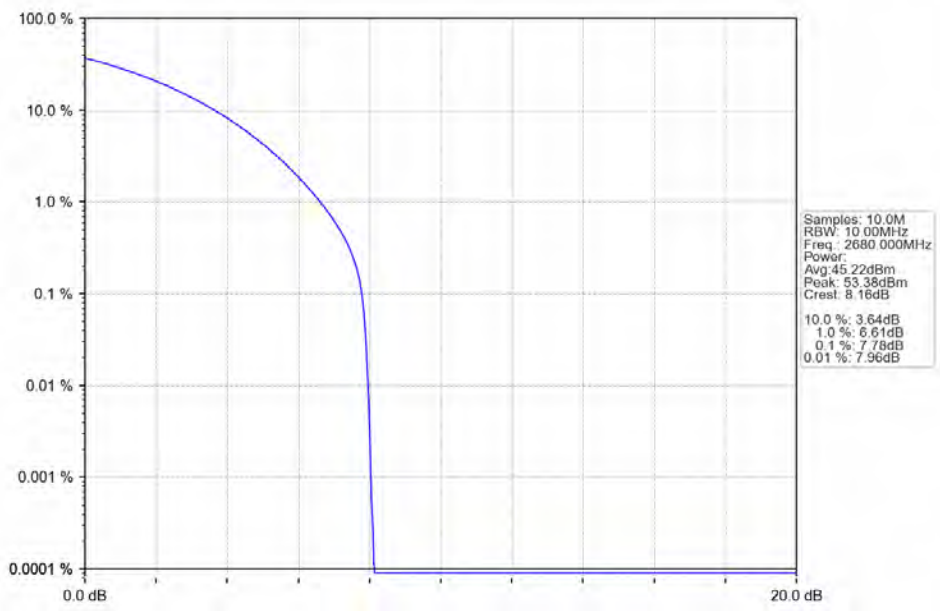
41_Single_NTNV_CC1:10MHz_256QAM_CC1:2593MHz_Ant1



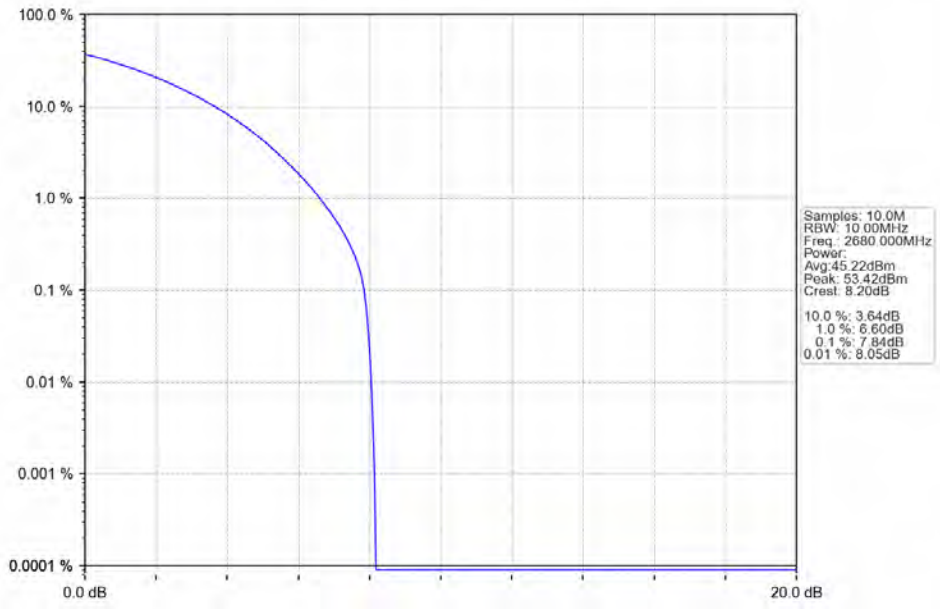
41_Single_NTNV_CC1:10MHz_QPSK_CC1:2685MHz_Ant1



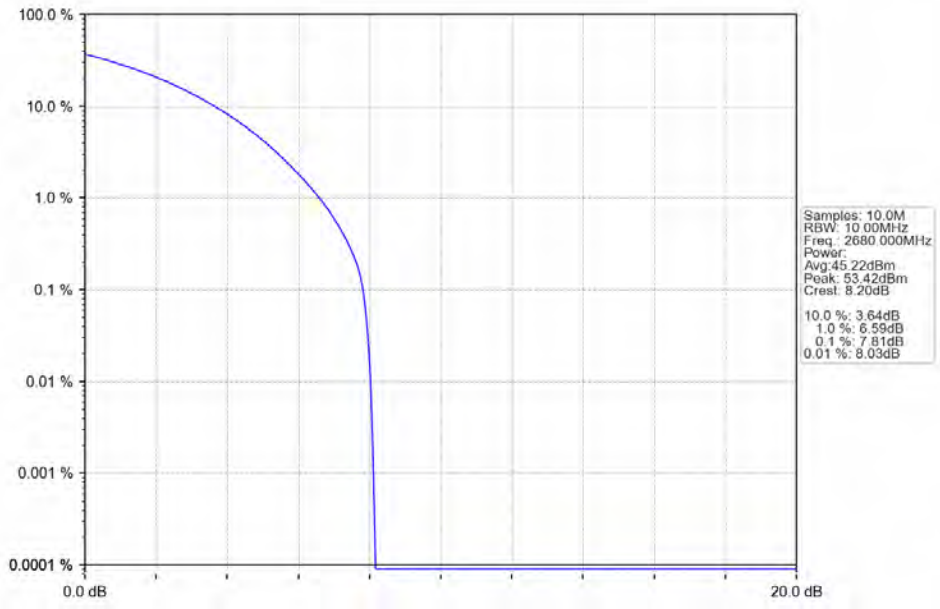
41_Single_NTNV_CC1:10MHz_16QAM_CC1:2685MHz_Ant1



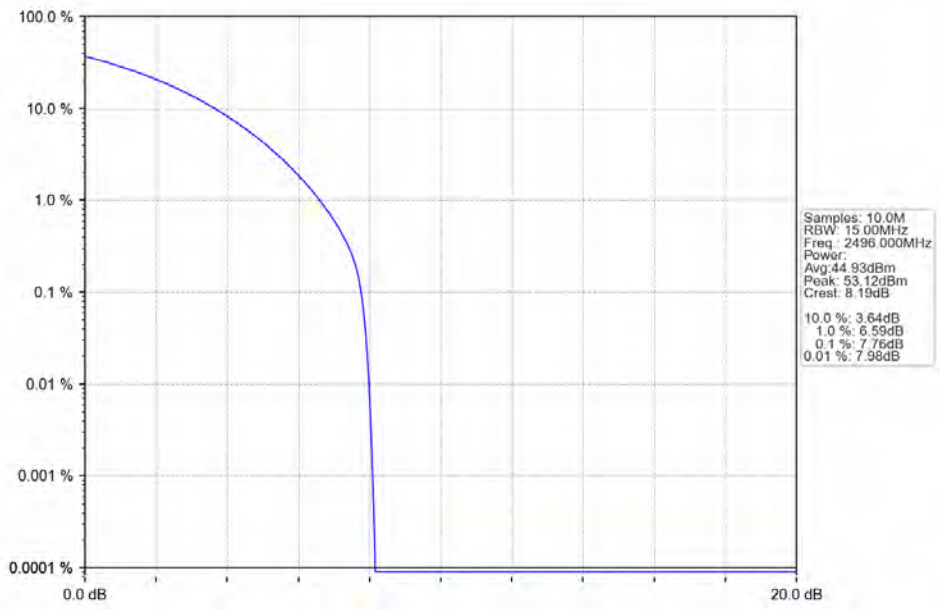
41_Single_NTNV_CC1:10MHz_64QAM_CC1:2685MHz_Ant1



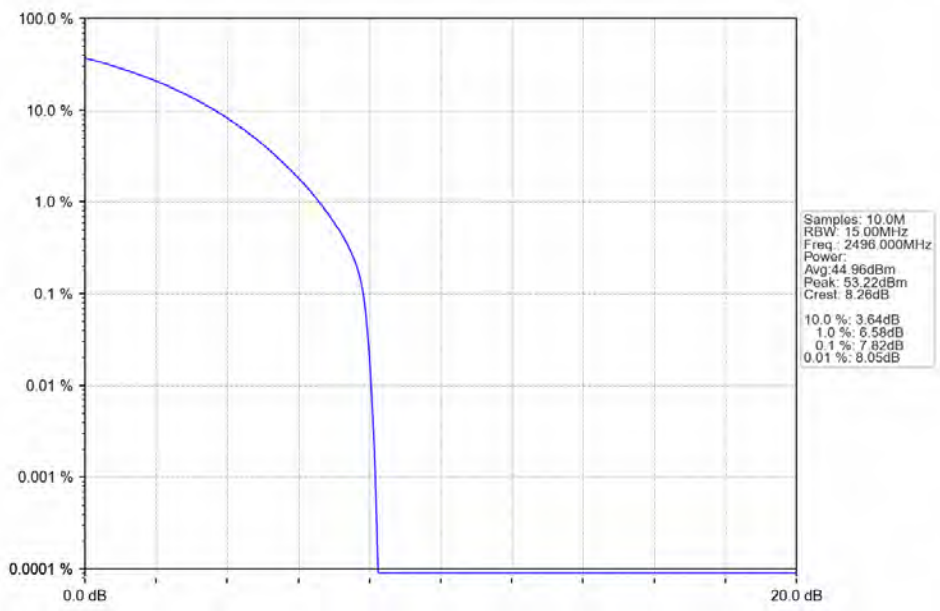
41_Single_NTNV_CC1:10MHz_256QAM_CC1:2685MHz_Ant1



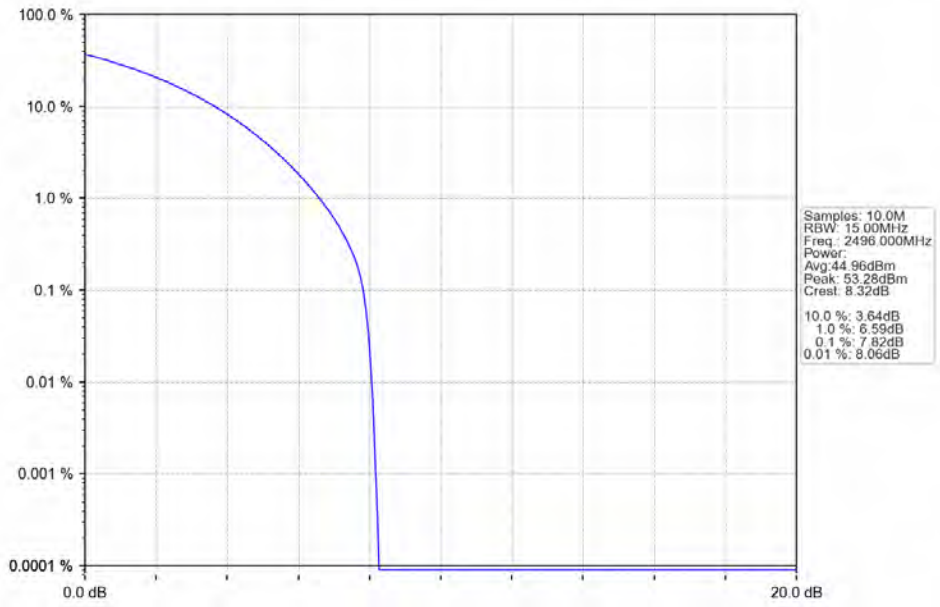
41_Single_NTNV_CC1:15MHz_QPSK_CC1:2503.5MHz_Ant1



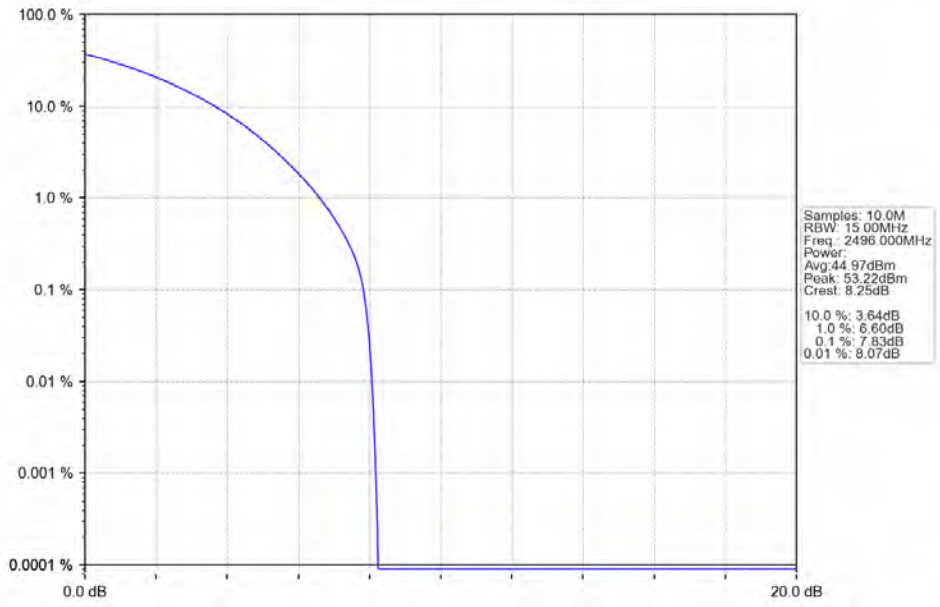
41_Single_NTNV_CC1:15MHz_16QAM_CC1:2503.5MHz_Ant1



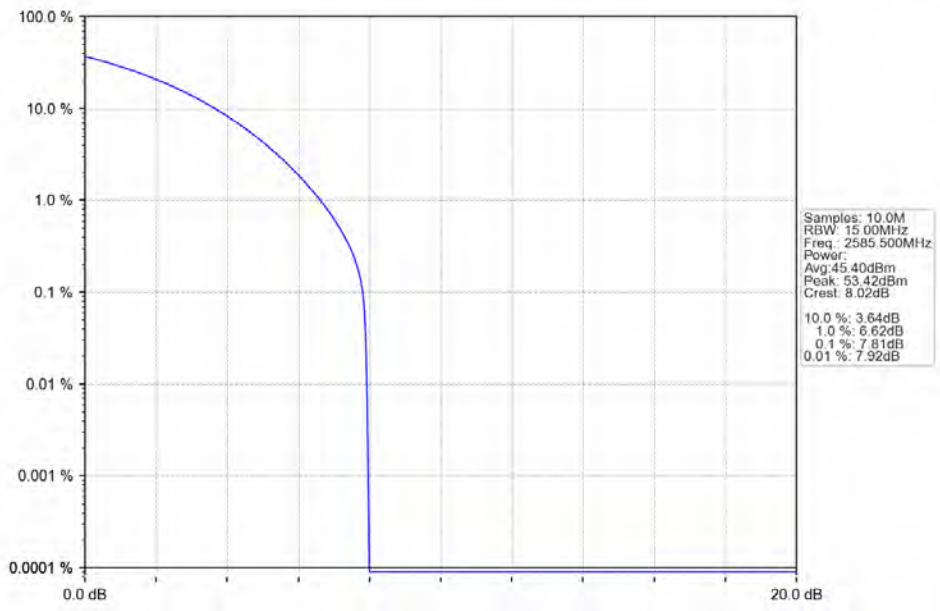
41_Single_NTNV_CC1:15MHz_64QAM_CC1:2503.5MHz_Ant1



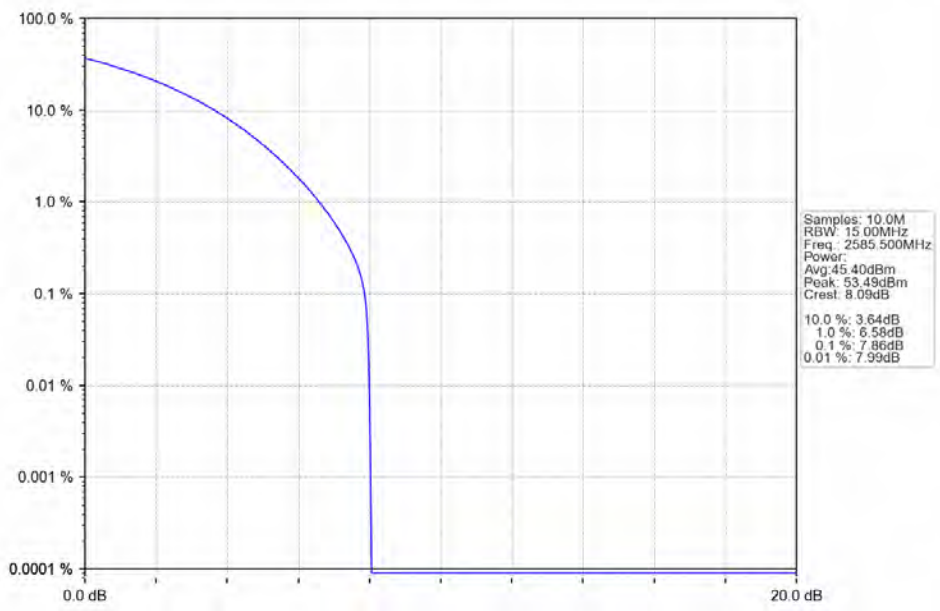
41_Single_NTNV_CC1:15MHz_256QAM_CC1:2503.5MHz_Ant1



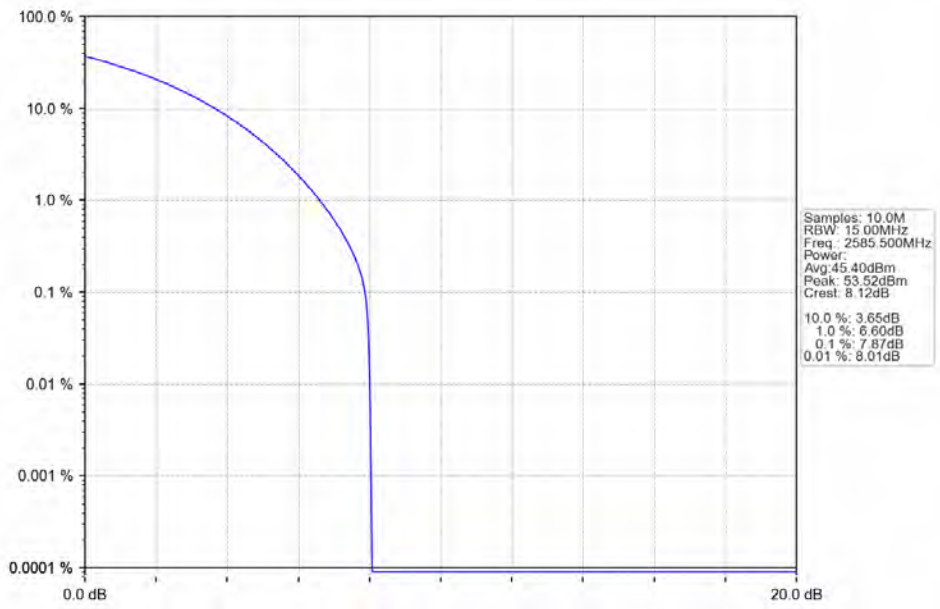
41_Single_NTNV_CC1:15MHz_QPSK_CC1:2593MHz_Ant1



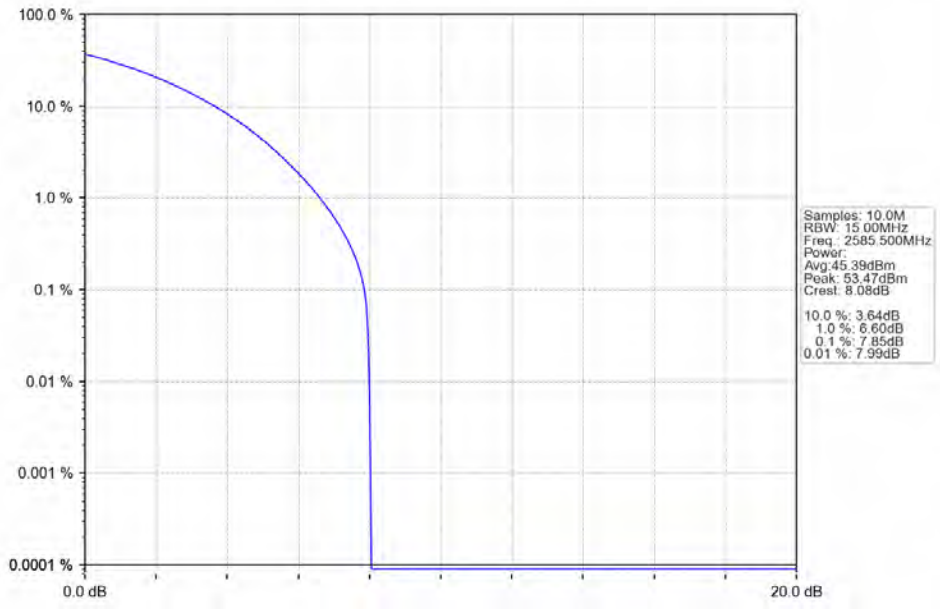
41_Single_NTNV_CC1:15MHz_16QAM_CC1:2593MHz_Ant1



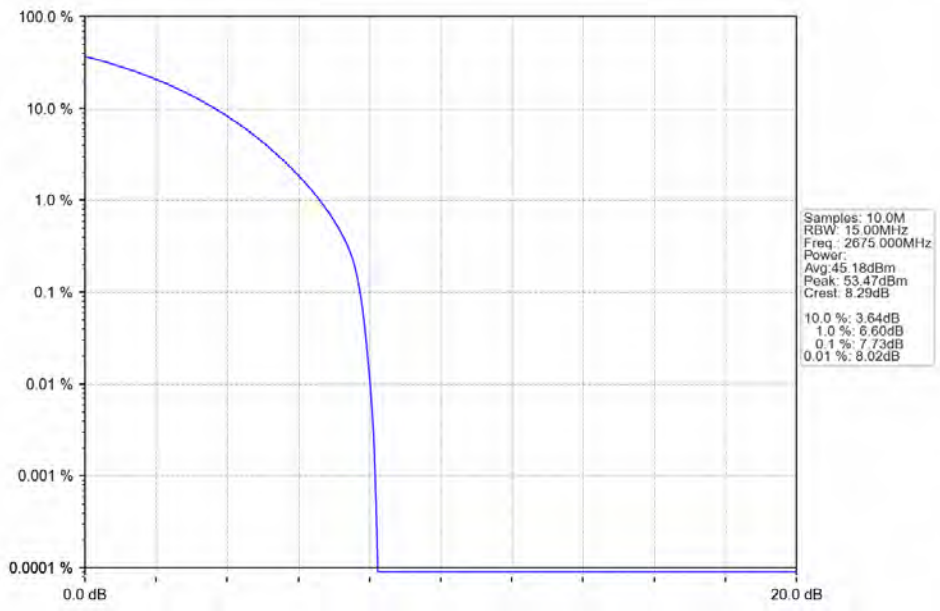
41_Single_NTNV_CC1:15MHz_64QAM_CC1:2593MHz_Ant1



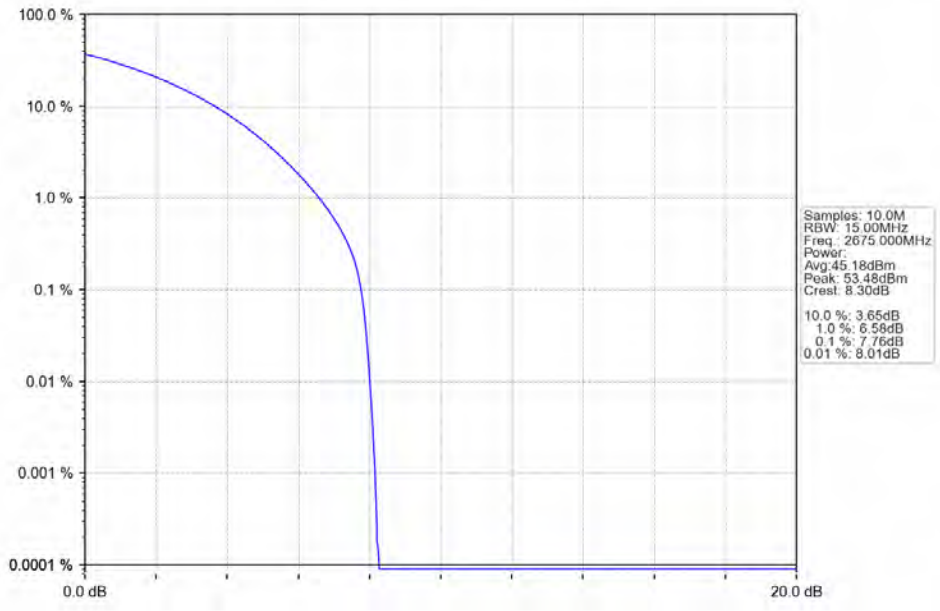
41_Single_NTNV_CC1:15MHz_256QAM_CC1:2593MHz_Ant1



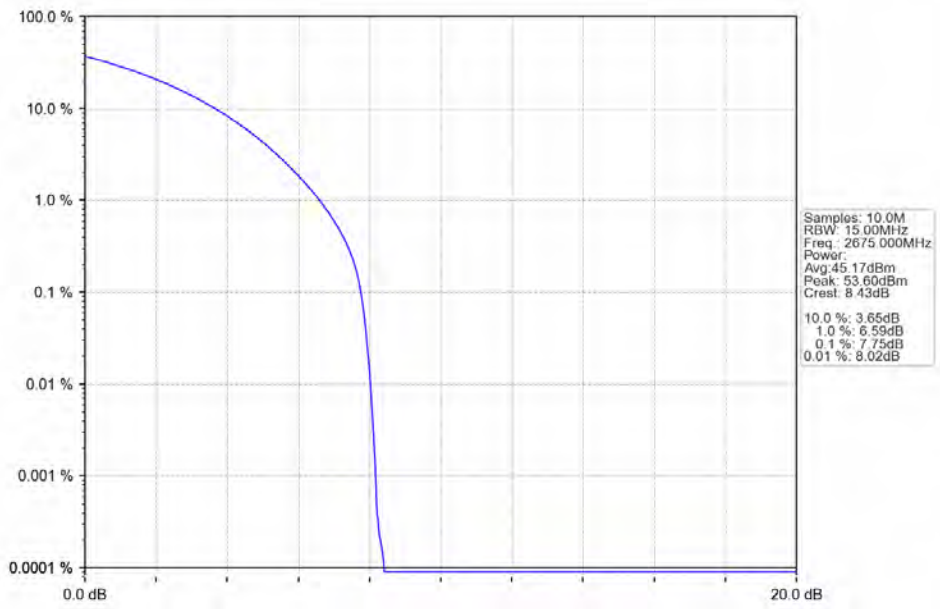
41_Single_NTNV_CC1:15MHz_QPSK_CC1:2682.5MHz_Ant1



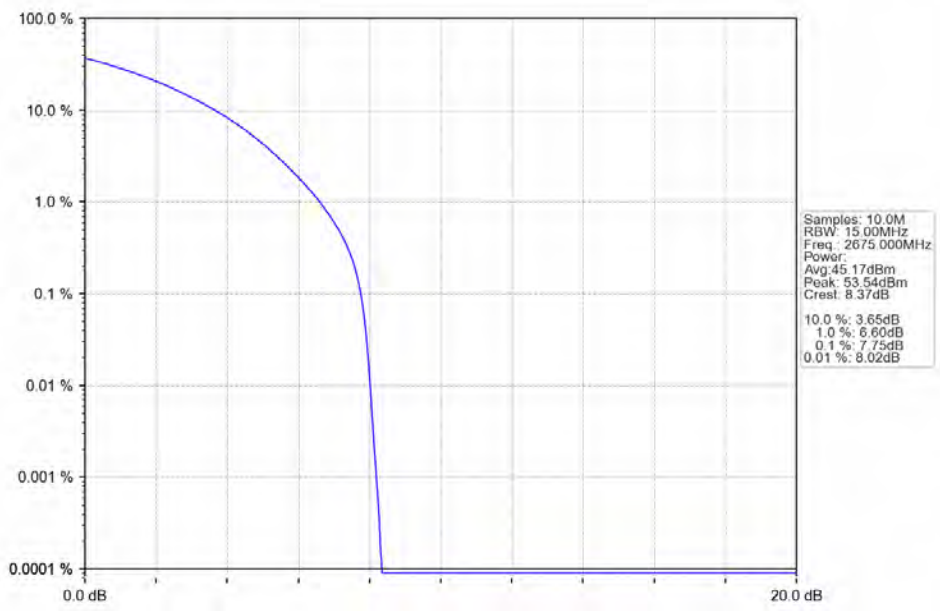
41_Single_NTNV_CC1:15MHz_16QAM_CC1:2682.5MHz_Ant1



41_Single_NTNV_CC1:15MHz_64QAM_CC1:2682.5MHz_Ant1



41_Single_NTNV_CC1:15MHz_256QAM_CC1:2682.5MHz_Ant1



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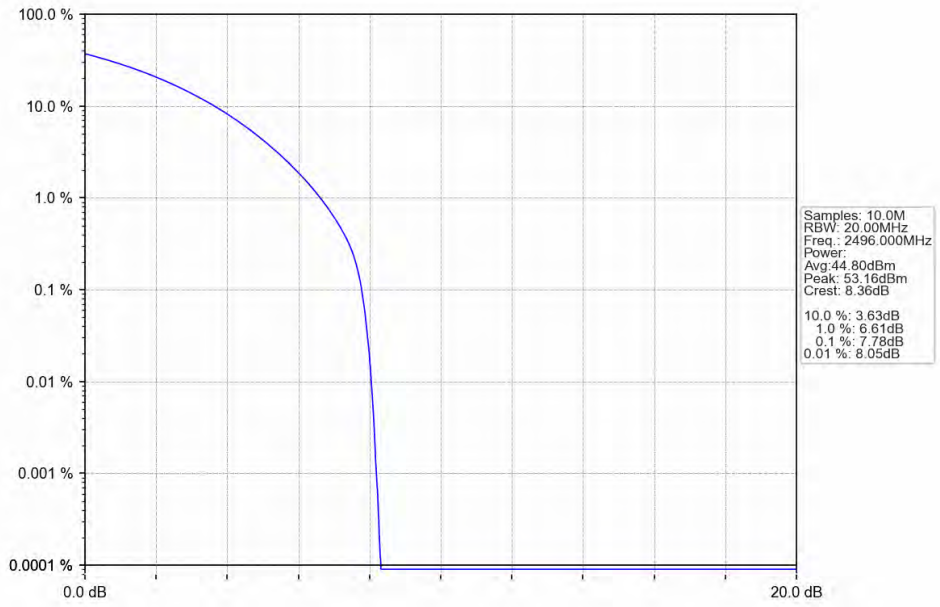
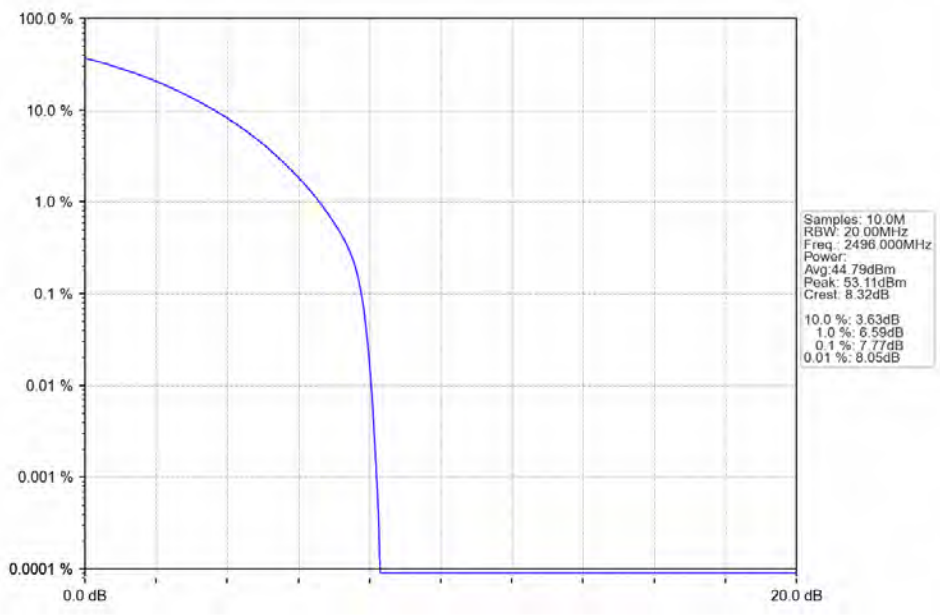
41_Single_NTNV_CC1:20MHz_16QAM_CC1:2506MHz_Ant1