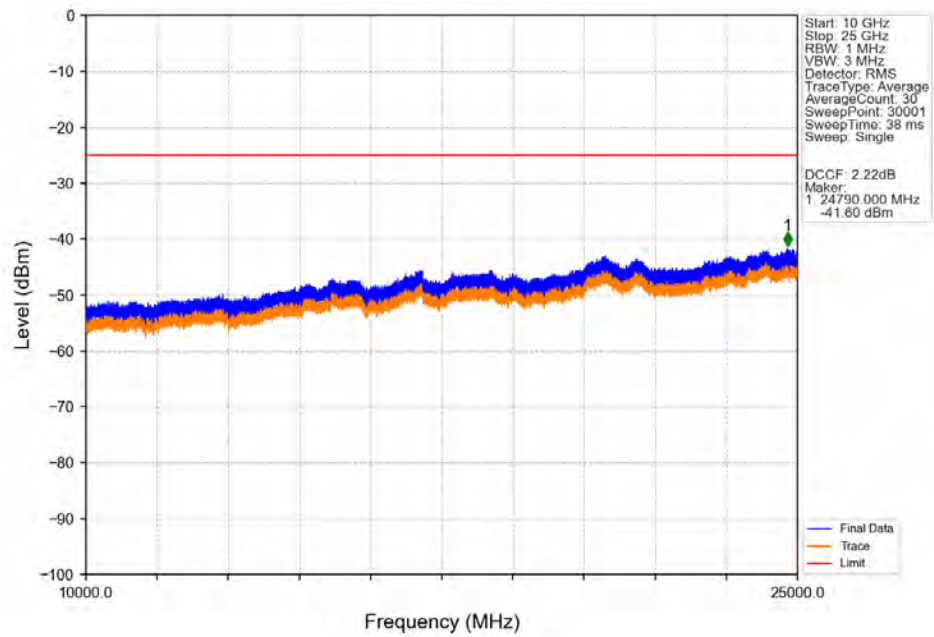
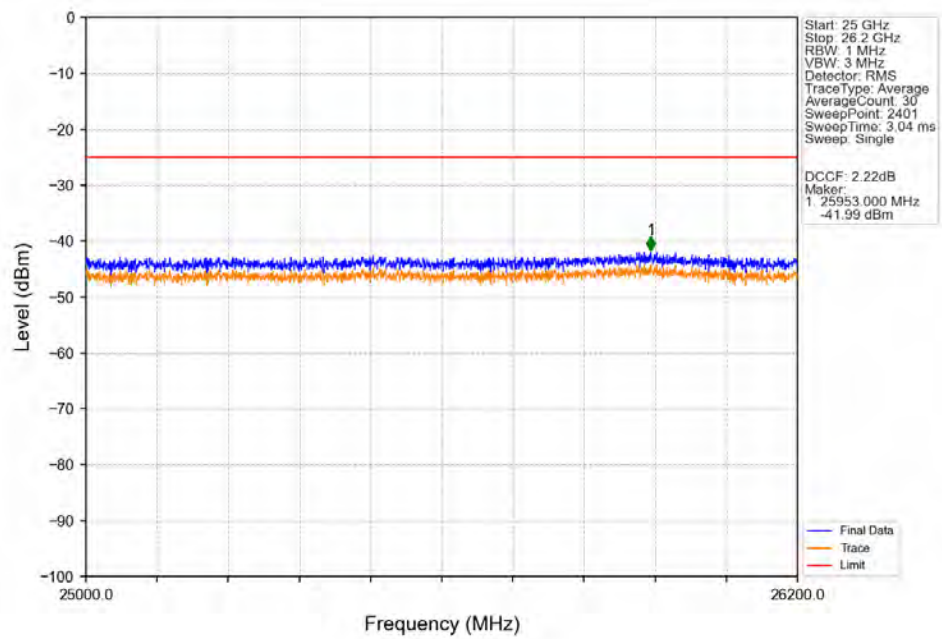


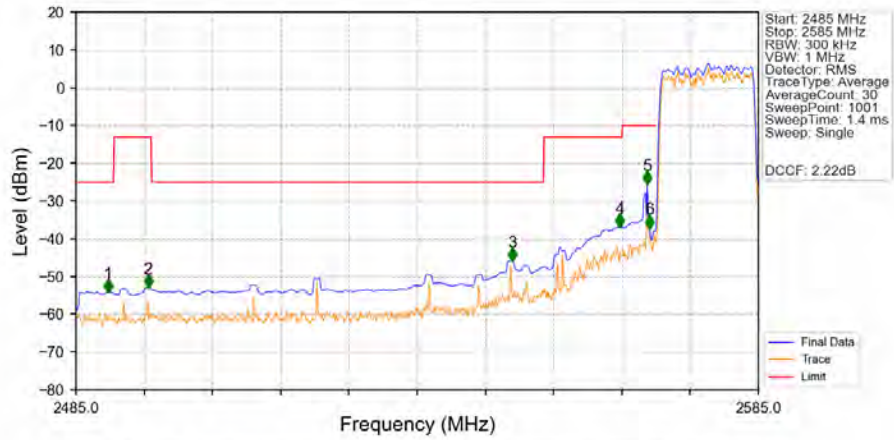
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

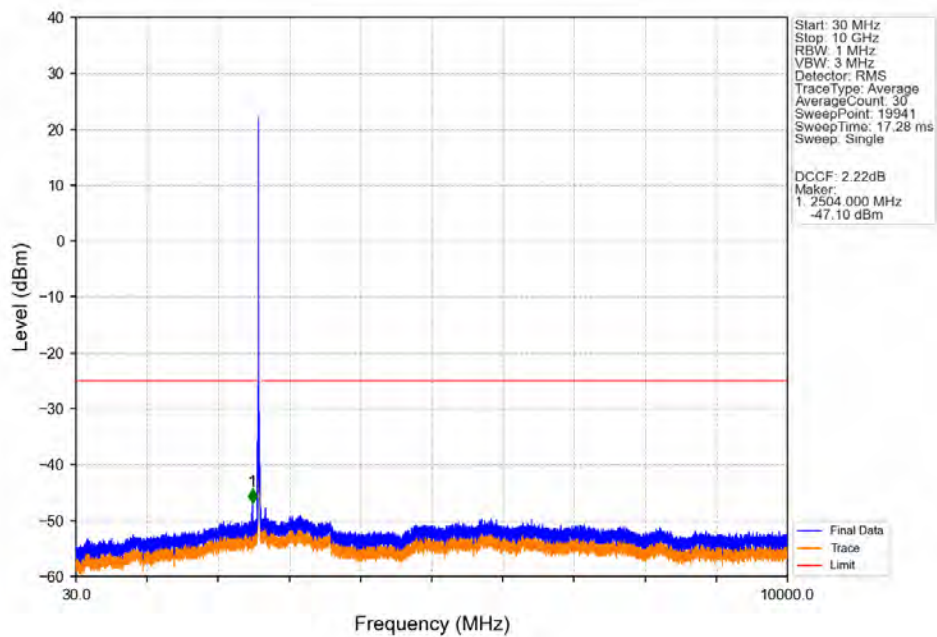


Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV

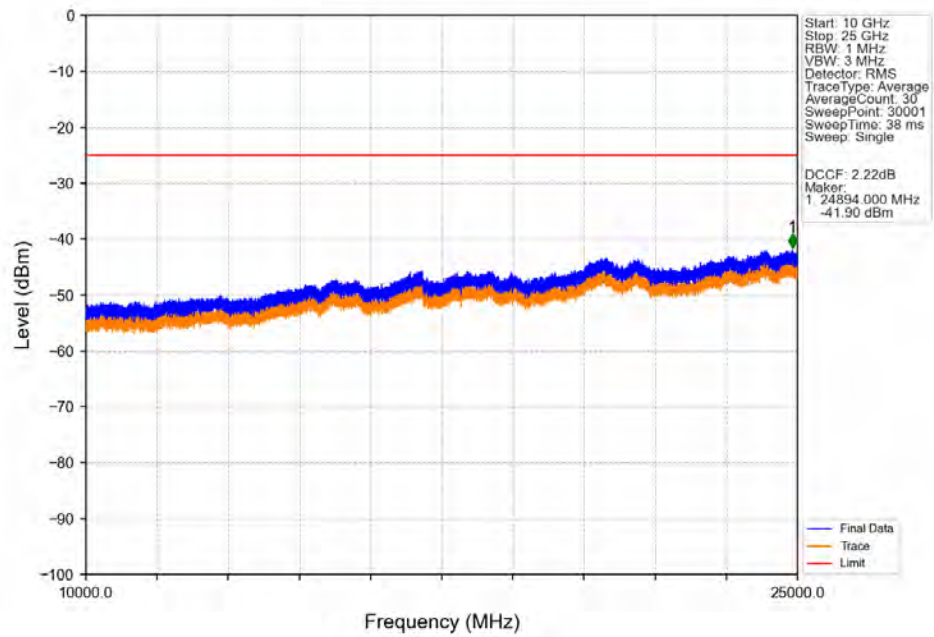


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.700	-54.00	-25	Pass
2490.5	2496	1	CHP	2	2495.600	-52.81	-13	Pass
2496	2553.578	1	CHP	3	2548.900	-45.71	-25	Pass
2553.578	2565	1	CHP	4	2564.700	-36.67	-13	Pass
2565	2569	1	CHP	5	2568.700	-25.45	-10	Pass
2569	2570	0.328	CHP	6	2569.100	-37.05	-10	Pass
2570	2585	0.328	CHP	/	/	/	/	/

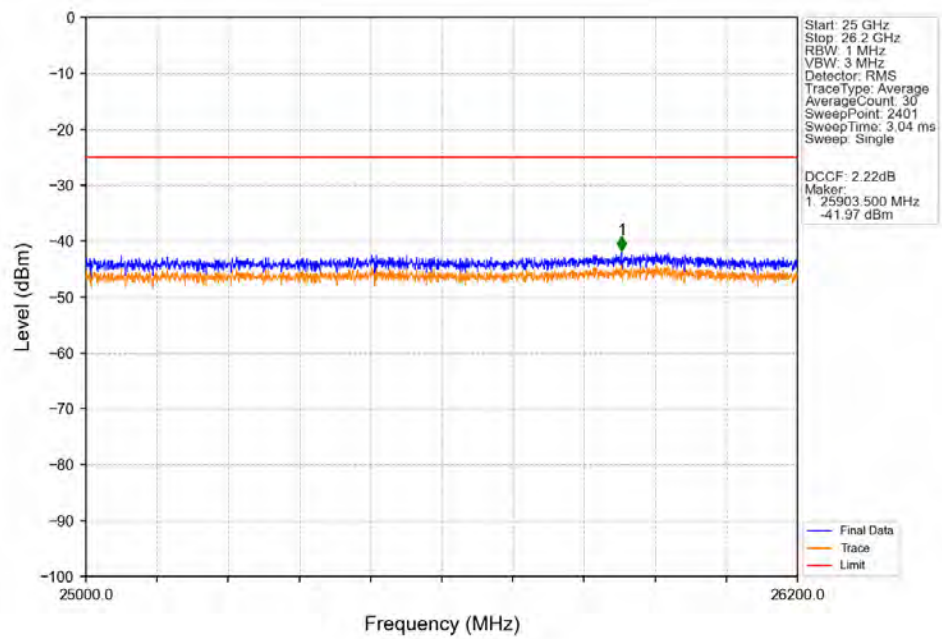
Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTNV



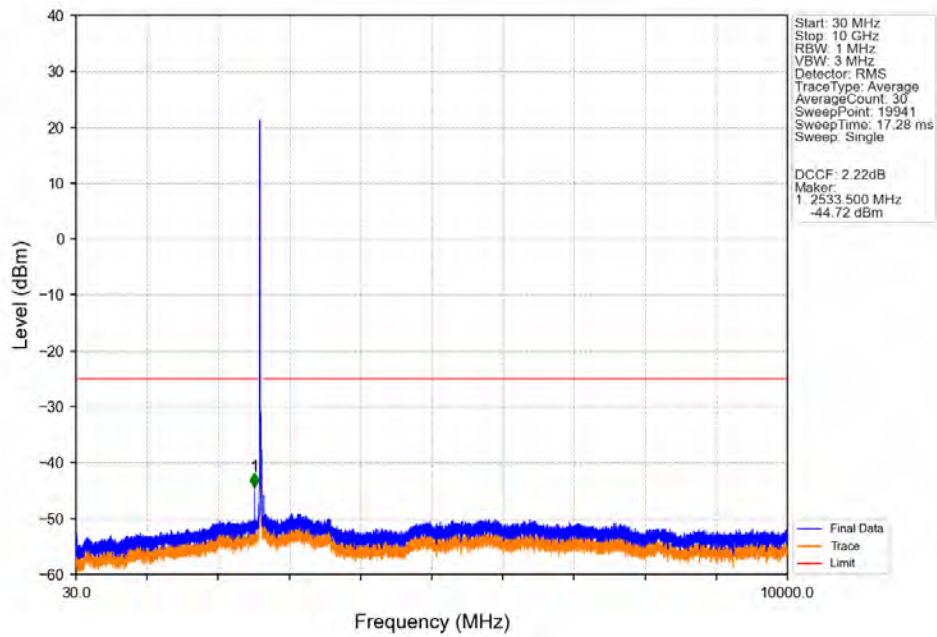
Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTNV



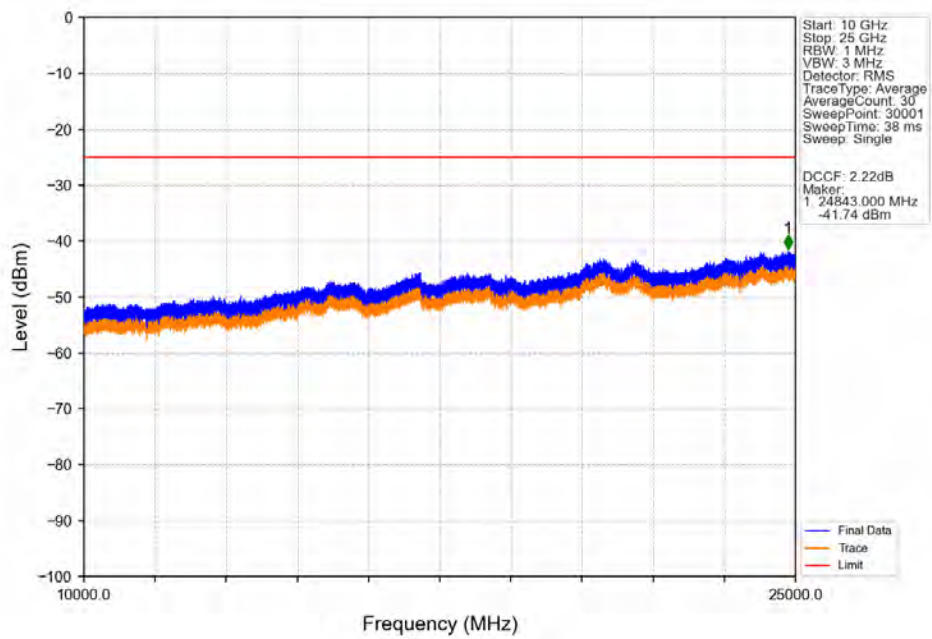
Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTNV



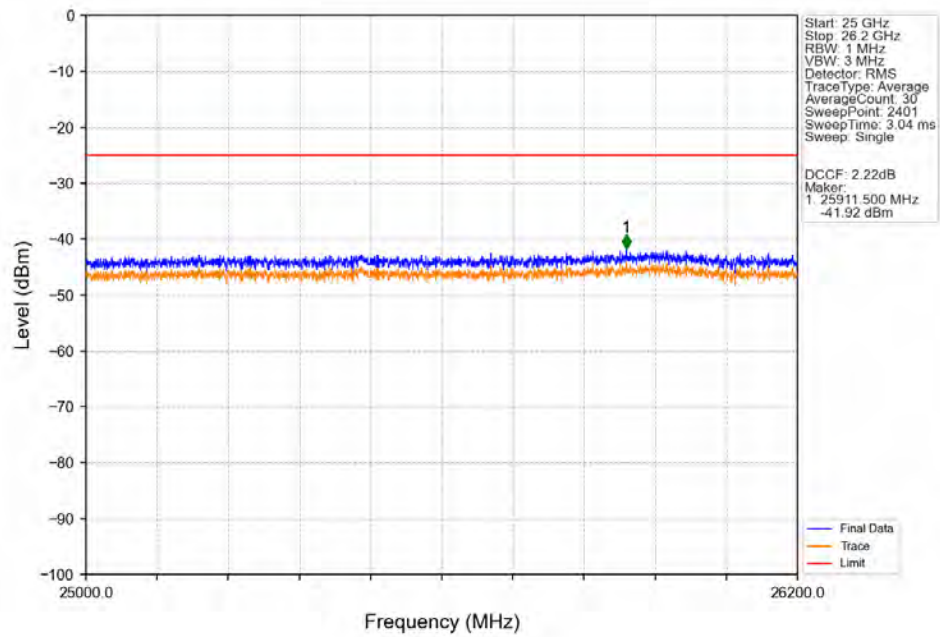
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



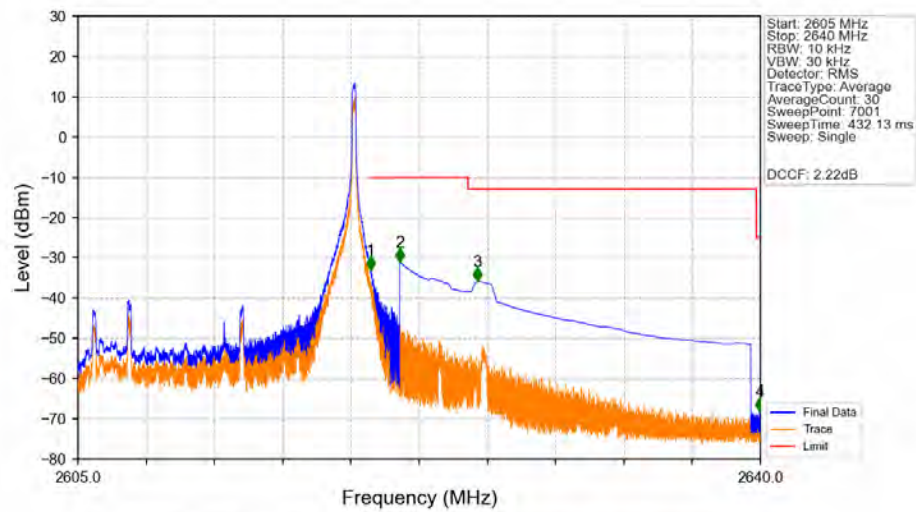
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



Band38 15MHz QPSK HCH 2612.5MHz RB 1 0 NTNV

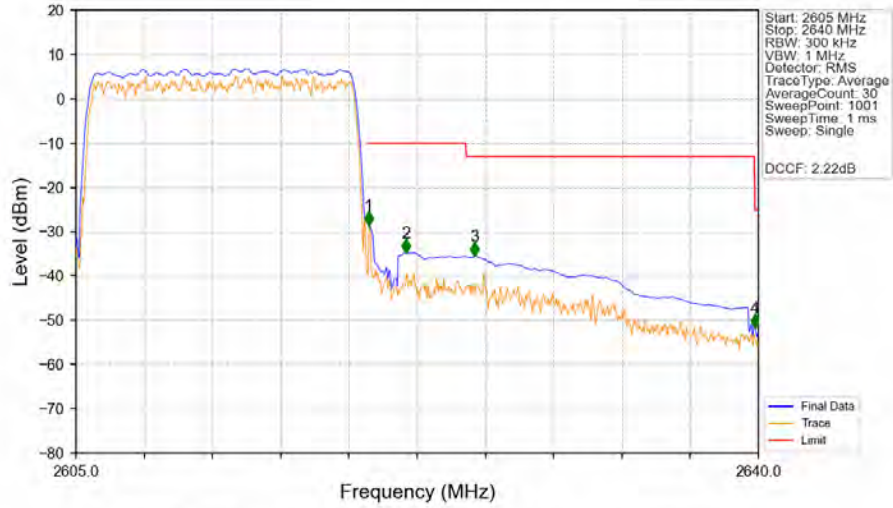


Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_74_NTNV



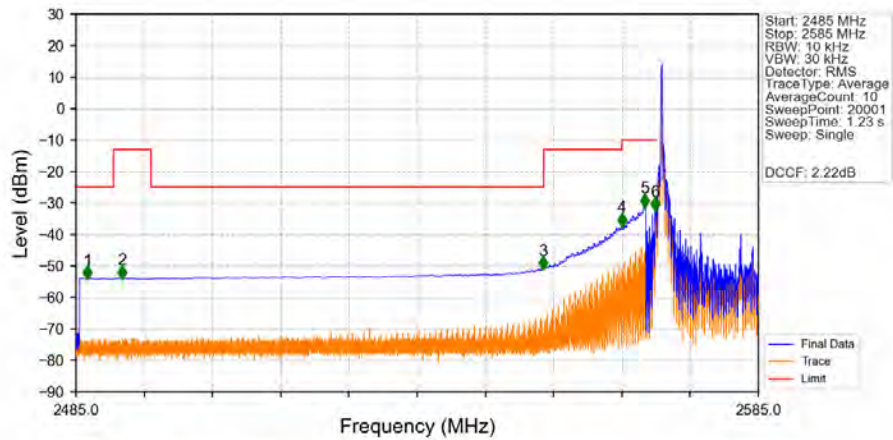
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-33.02	-10	Pass
2621	2625	1	CHP	2	2621.500	-31.06	-10	Pass
2625	2639.793	1	CHP	3	2625.490	-35.86	-13	Pass
2639.793	2640	1	CHP	4	2639.965	-68.20	-25	Pass

Band38 15MHz QPSK HCH 2612.5MHz RB 75 0 NTN



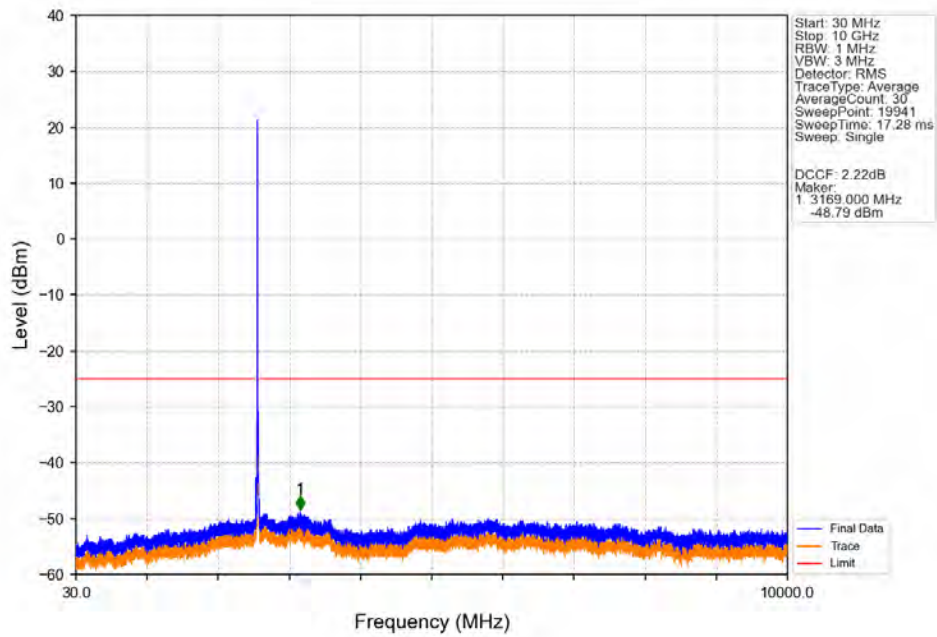
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.396	CHP	/	/	/	/	/
2620	2621	0.396	CHP	1	2620.015	-28.66	-10	Pass
2621	2625	1	CHP	2	2621.940	-34.74	-10	Pass
2625	2639.793	1	CHP	3	2625.440	-35.47	-13	Pass
2639.793	2640	1	CHP	4	2639.825	-51.72	-25	Pass

Band38 15MHz 16QAM LCH 2577.5MHz RB 1 0 NTN

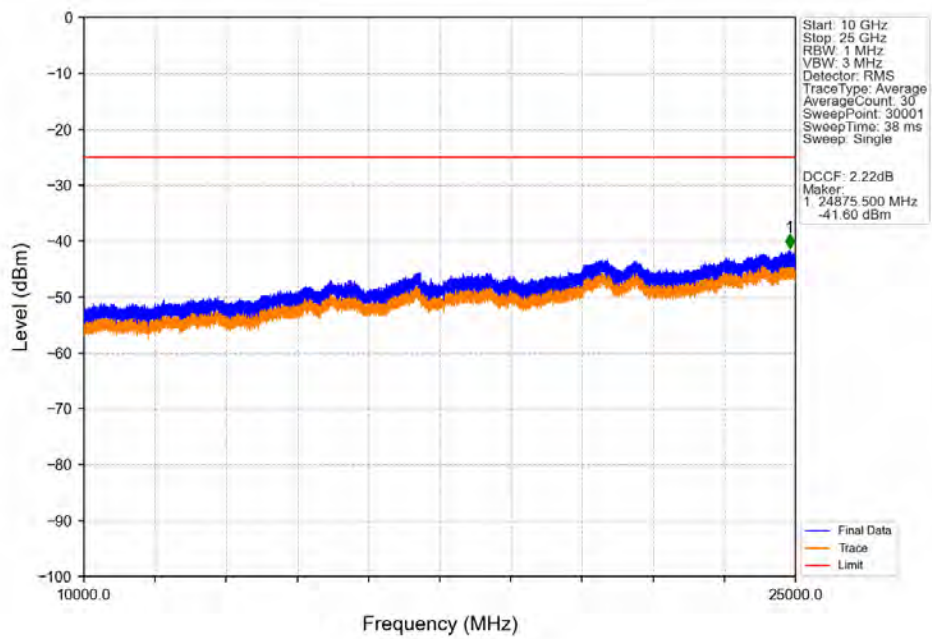


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.695	-53.94	-25	Pass
2490.5	2496	1	CHP	2	2491.755	-53.85	-13	Pass
2496	2553.53	1	CHP	3	2553.465	-50.85	-25	Pass
2553.53	2565	1	CHP	4	2564.985	-37.18	-13	Pass
2565	2569	1	CHP	5	2568.320	-31.01	-10	Pass
2569	2570	0.02	CHP	6	2569.875	-32.16	-10	Pass
2570	2585	0.02	CHP	/	/	/	/	/

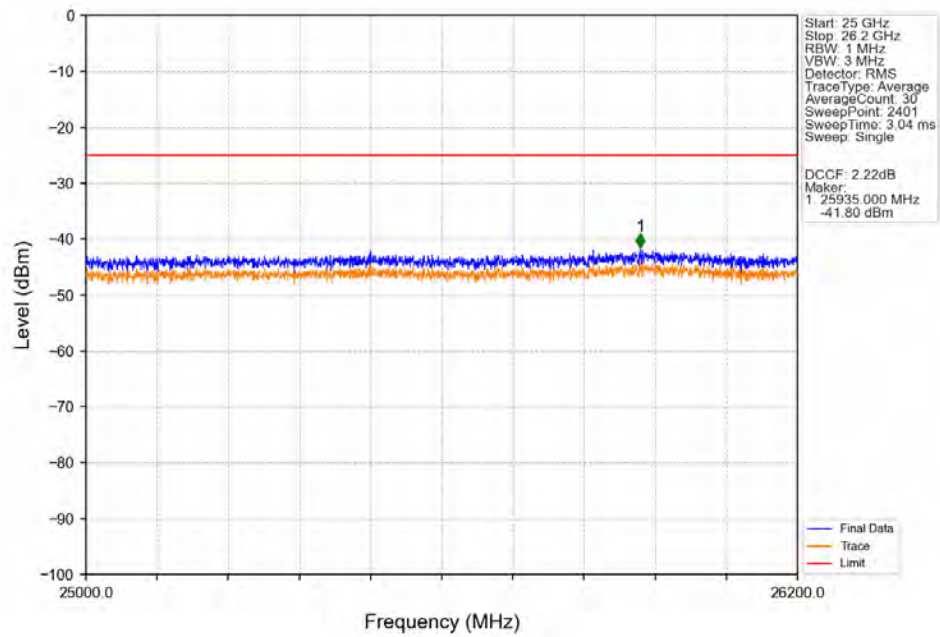
Band38 15MHz 16QAM LCH 2577.5MHz RB 1 0 NTNV



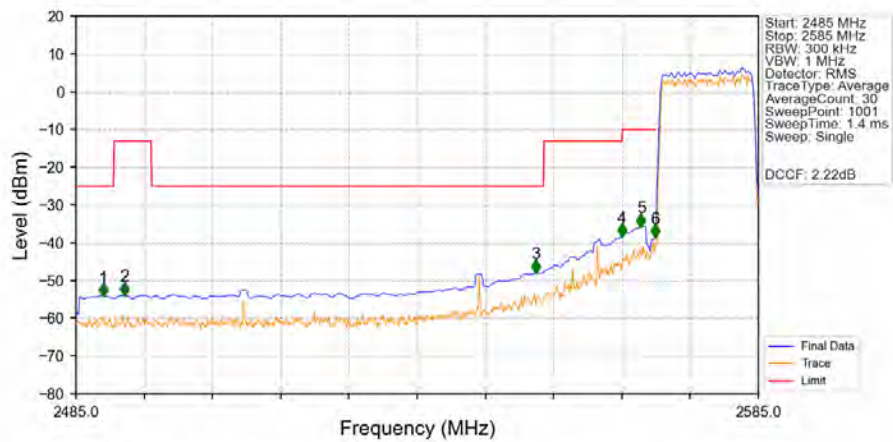
Band38 15MHz 16QAM LCH 2577.5MHz RB 1 0 NTNV



Band38 15MHz 16QAM LCH 2577.5MHz RB 1 0 NTNV

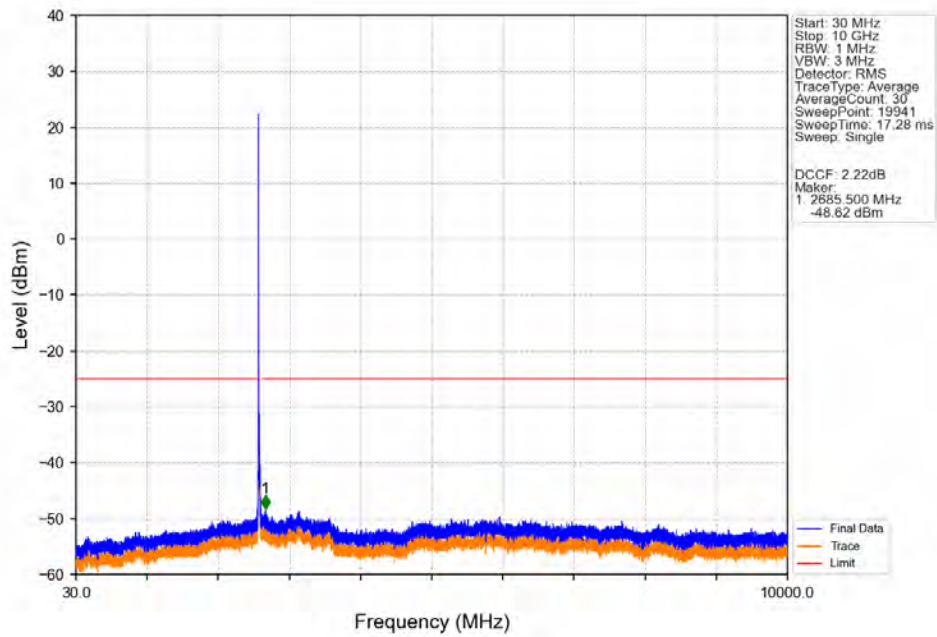


Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV

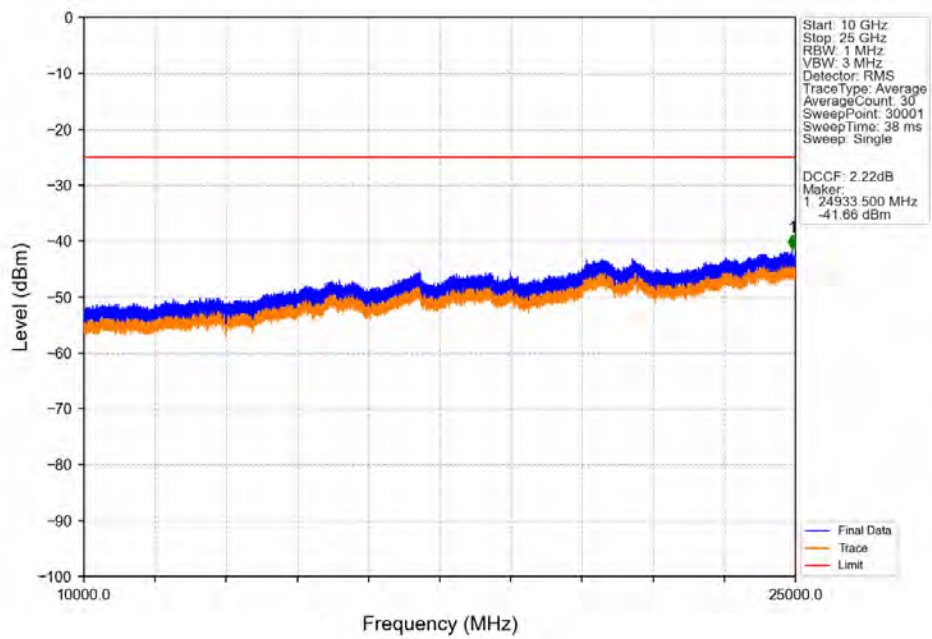


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.000	-53.99	-25	Pass
2490.5	2496	1	CHP	2	2492.100	-53.73	-13	Pass
2496	2553.53	1	CHP	3	2552.400	-47.76	-25	Pass
2553.53	2565	1	CHP	4	2565.000	-38.20	-13	Pass
2565	2569	1	CHP	5	2567.800	-35.59	-10	Pass
2569	2570	0.329	CHP	6	2569.900	-38.43	-10	Pass
2570	2585	0.329	CHP	/	/	/	/	/

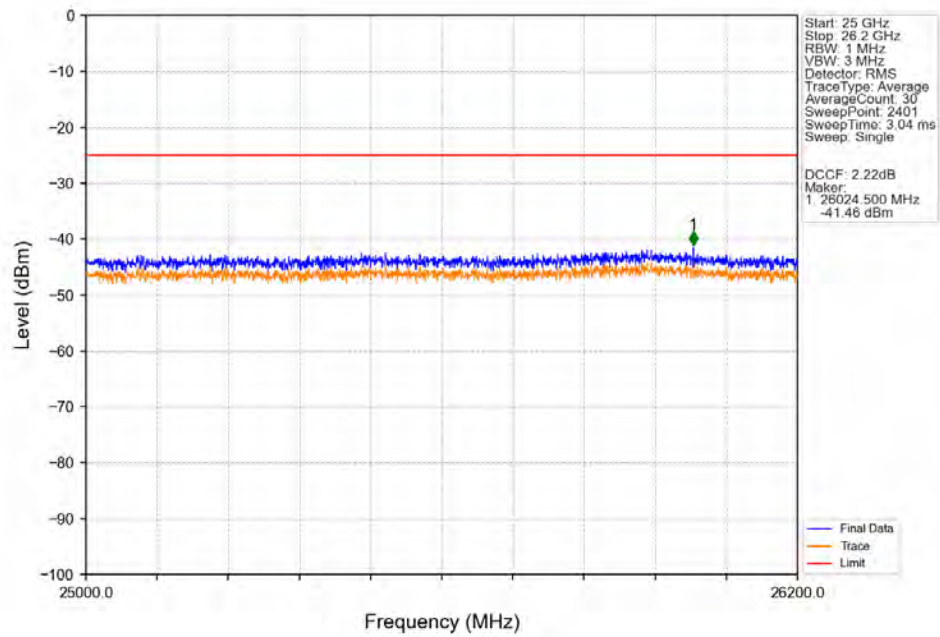
Band38_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



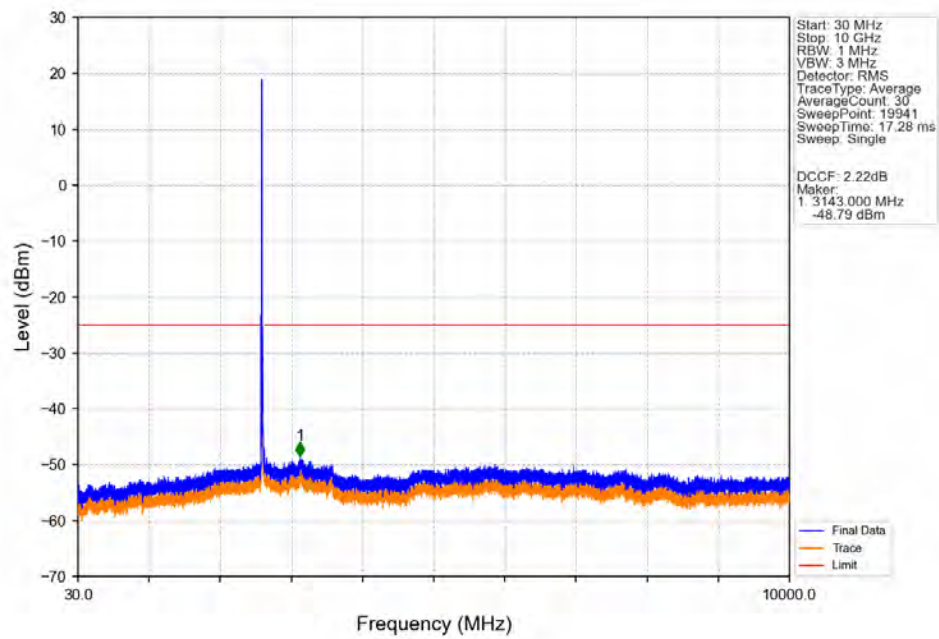
Band38_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



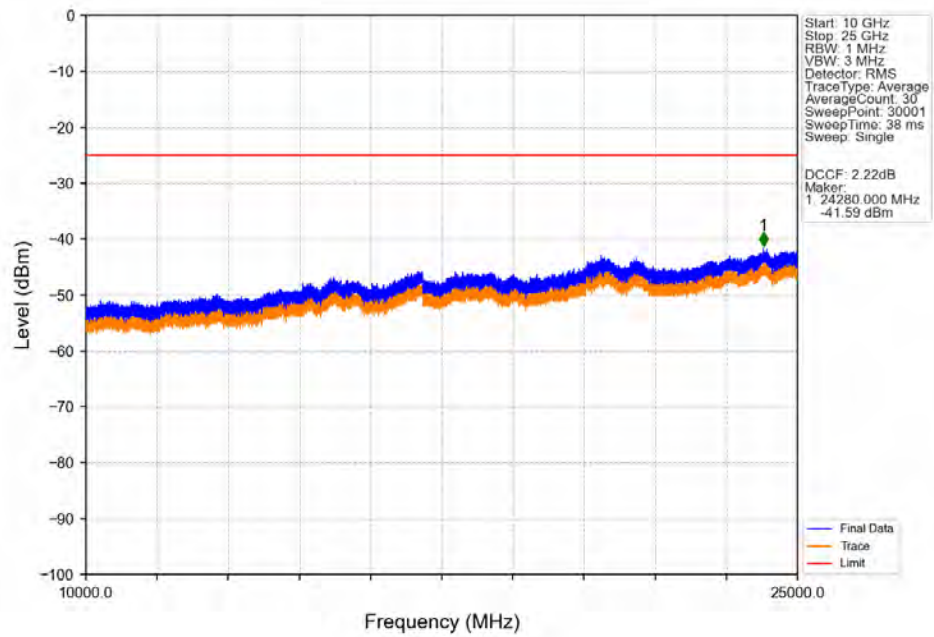
Band38_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



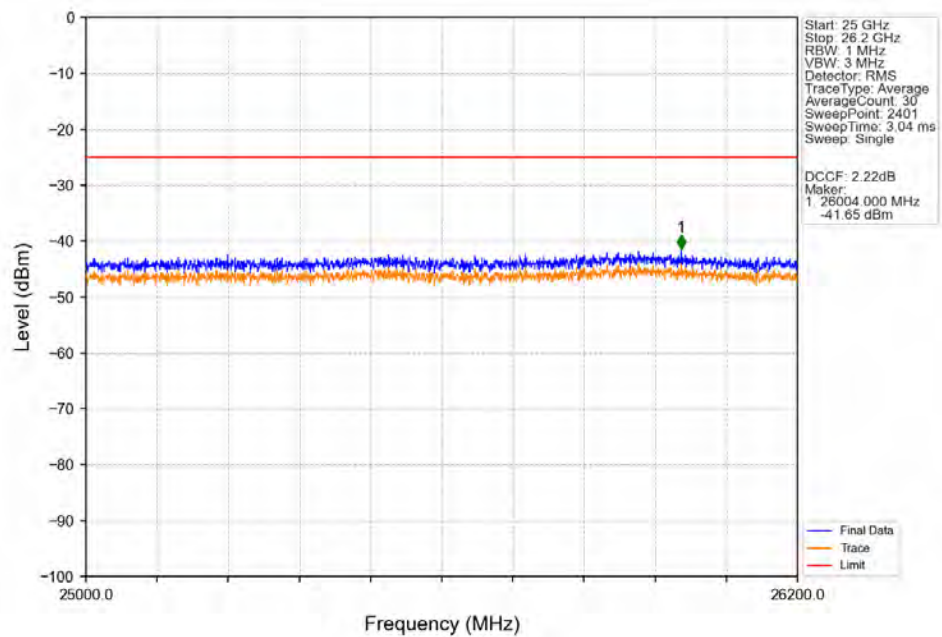
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_0_NTNV



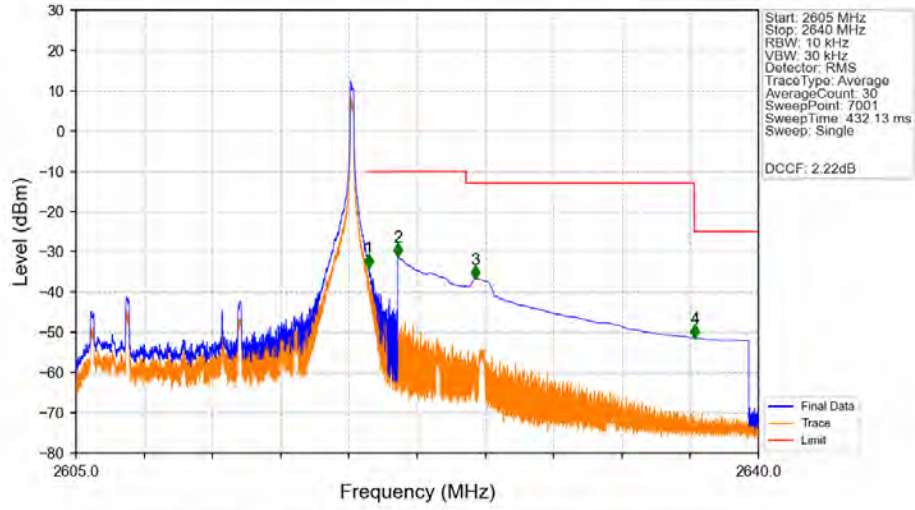
Band38 15MHz 16QAM HCH 2612.5MHz RB 1 0 NTNV



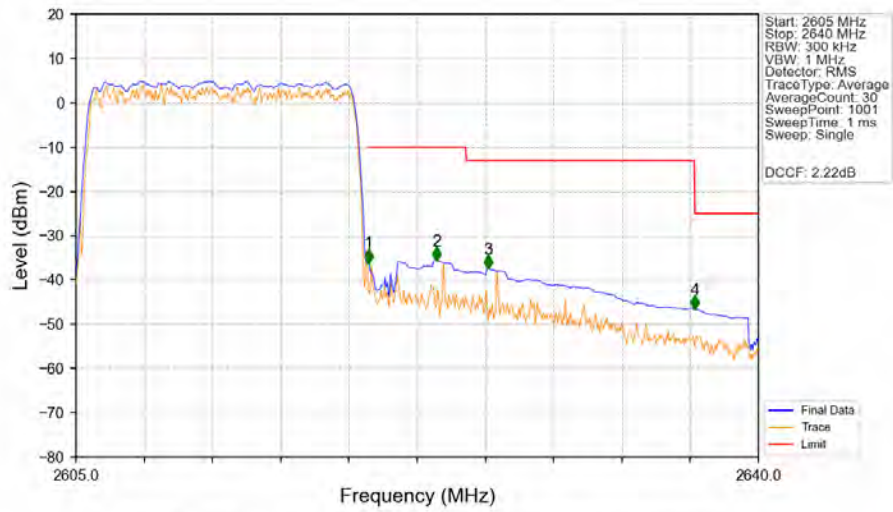
Band38 15MHz 16QAM HCH 2612.5MHz RB 1 0 NTNV



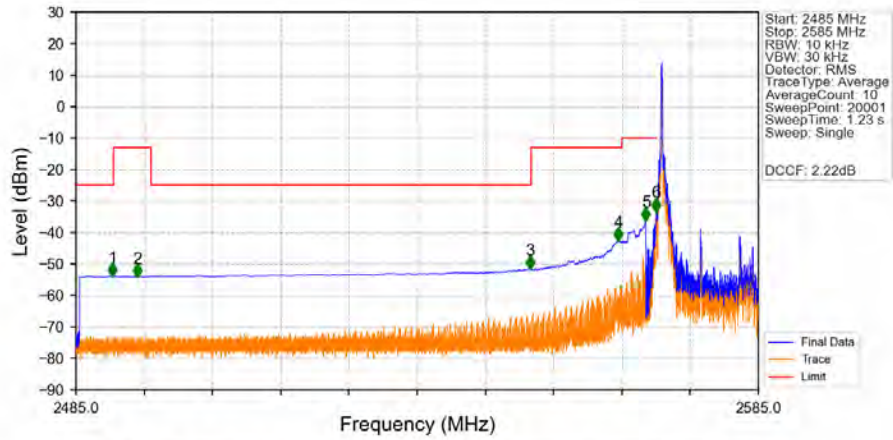
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_74_NTNV



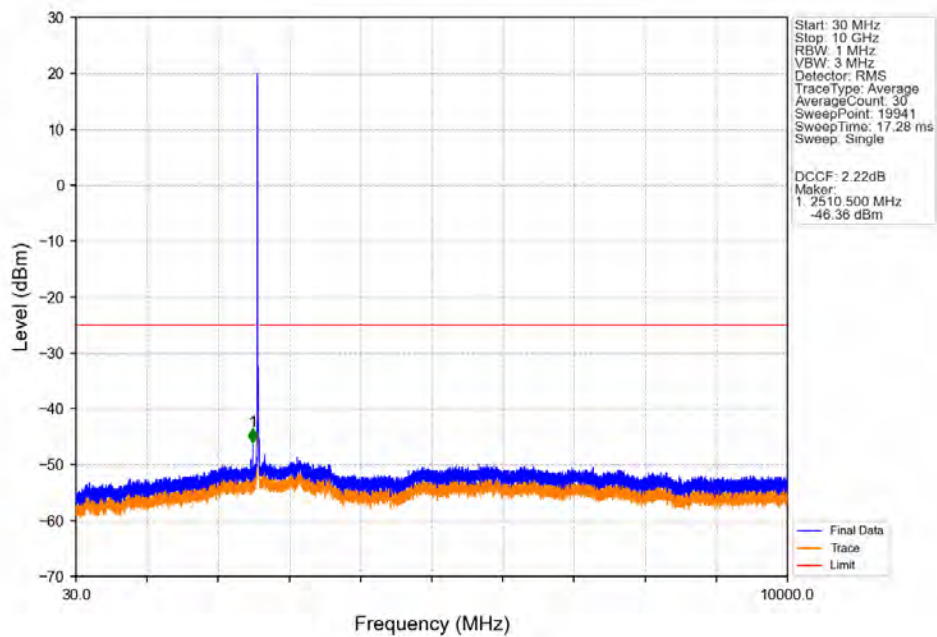
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



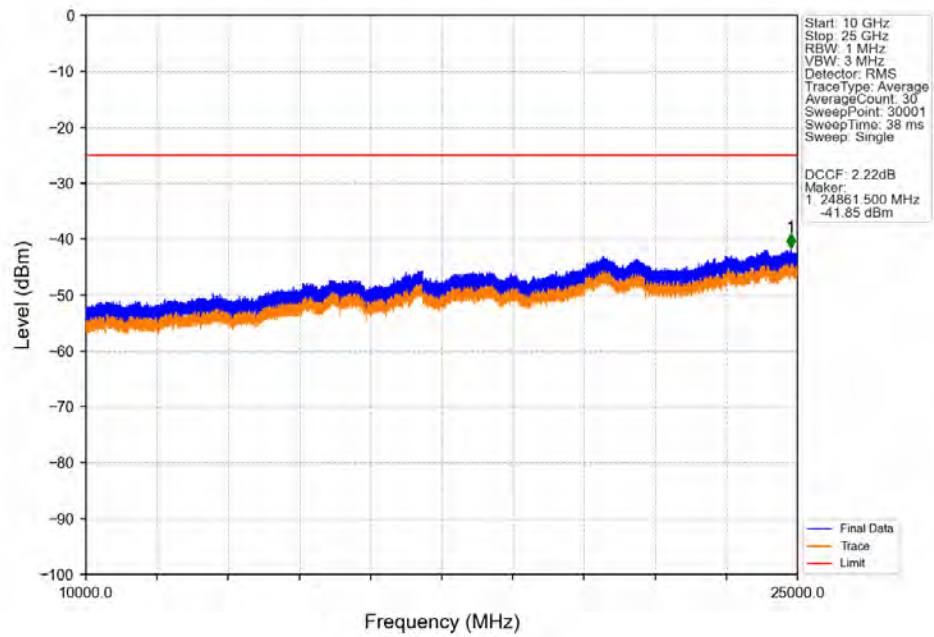
Band38 15MHz 64QAM LCH 2577.5MHz RB 1 0 NTNV



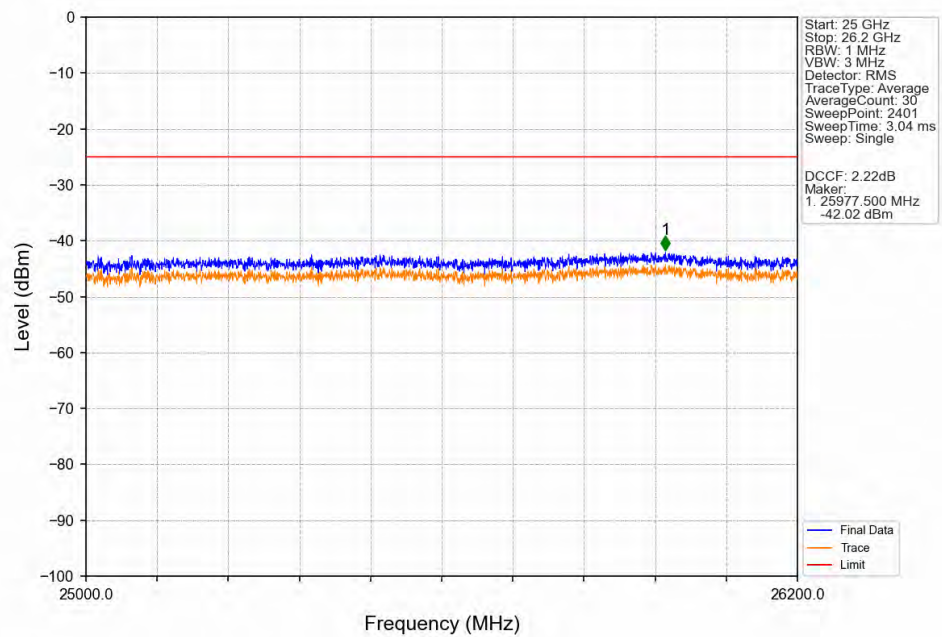
Band38 15MHz 64QAM LCH 2577.5MHz RB 1 0 NTNV



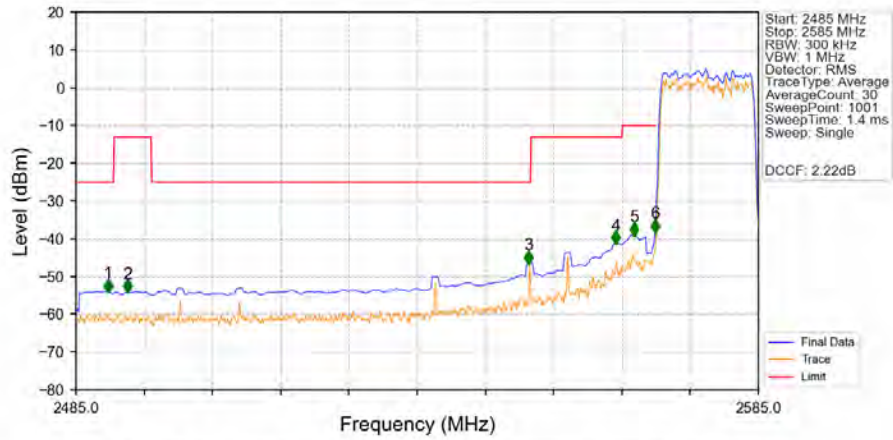
Band38 15MHz 64QAM LCH 2577.5MHz RB 1 0 NTNV



Band38 15MHz 64QAM LCH 2577.5MHz RB 1 0 NTNV

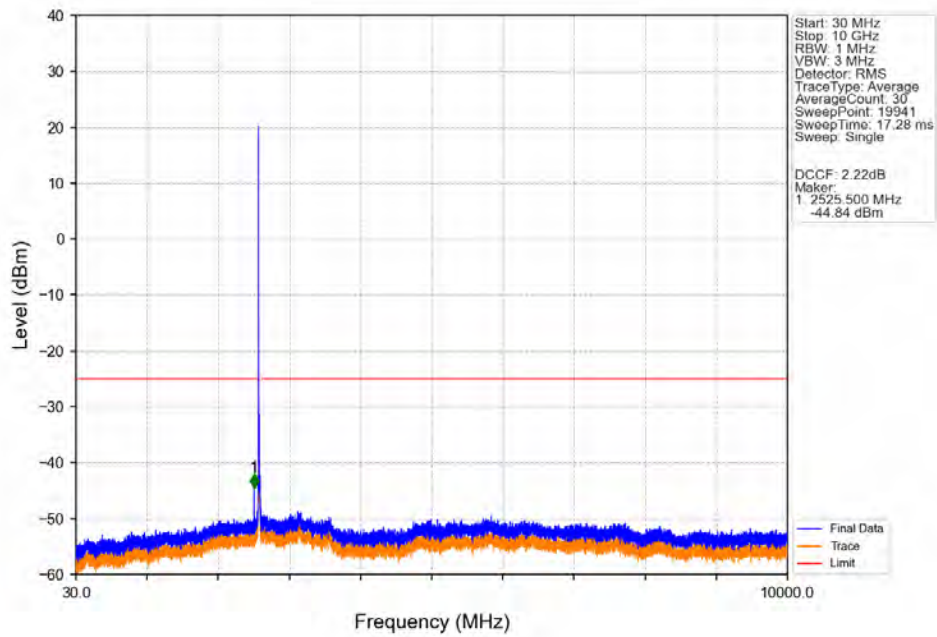


Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV

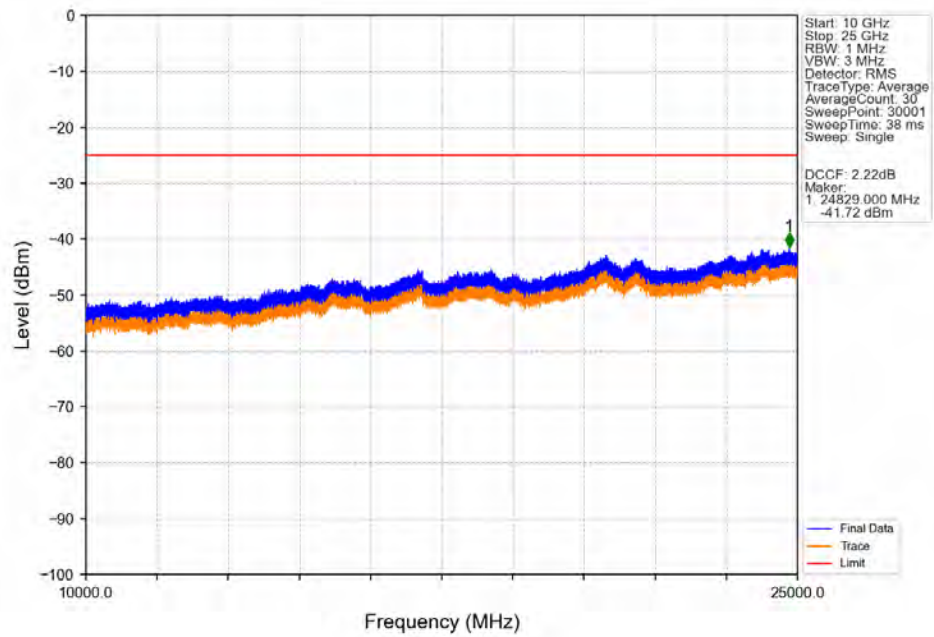


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.700	-53.93	-25	Pass
2490.5	2496	1	CHP	2	2492.600	-54.06	-13	Pass
2496	2551.698	1	CHP	3	2551.300	-46.47	-25	Pass
2551.698	2565	1	CHP	4	2564.100	-41.24	-13	Pass
2565	2569	1	CHP	5	2566.800	-38.97	-10	Pass
2569	2570	0.366	CHP	6	2569.900	-38.11	-10	Pass
2570	2585	0.366	CHP	/	/	/	/	/

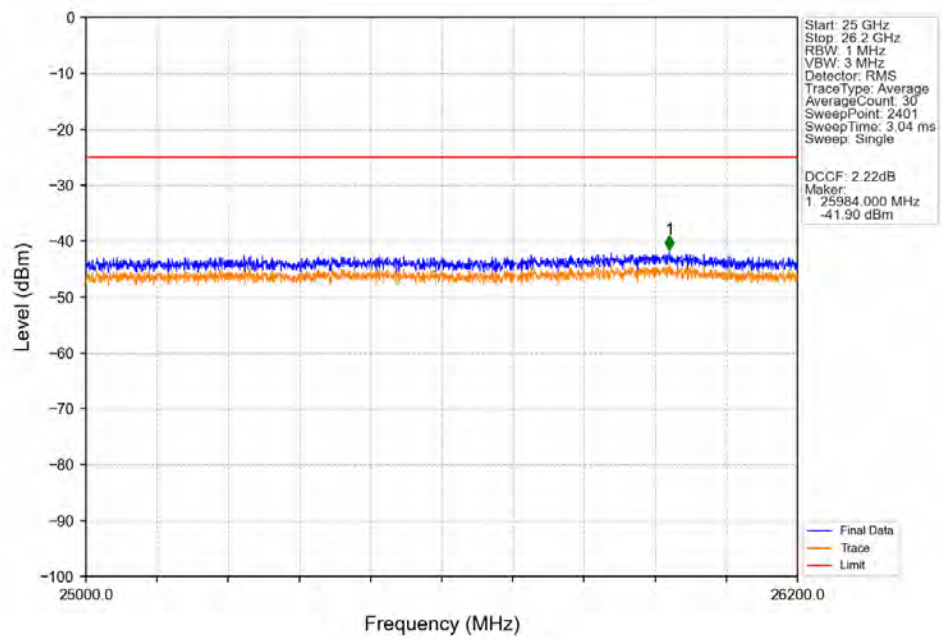
Band38_15MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



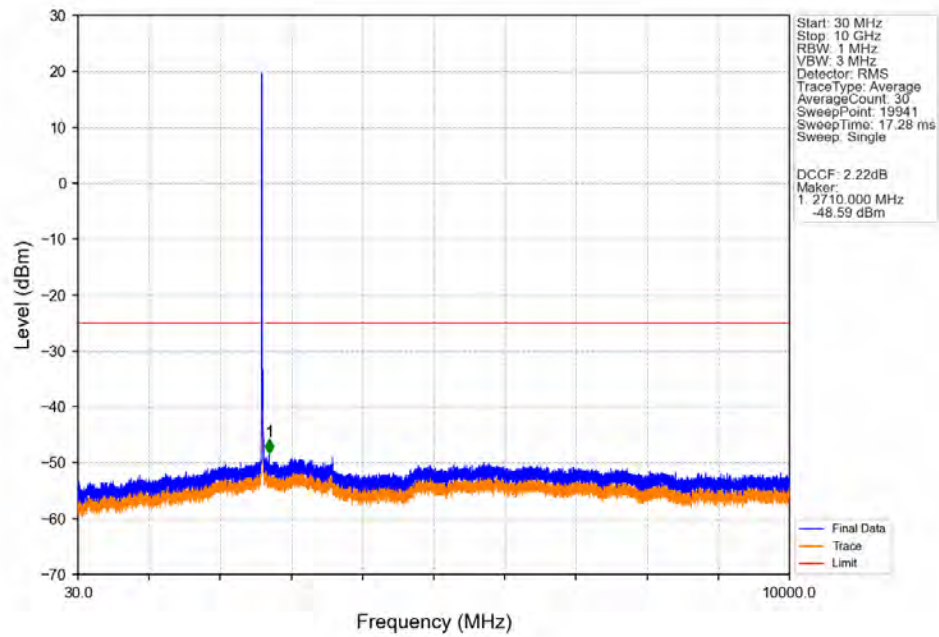
Band38_15MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



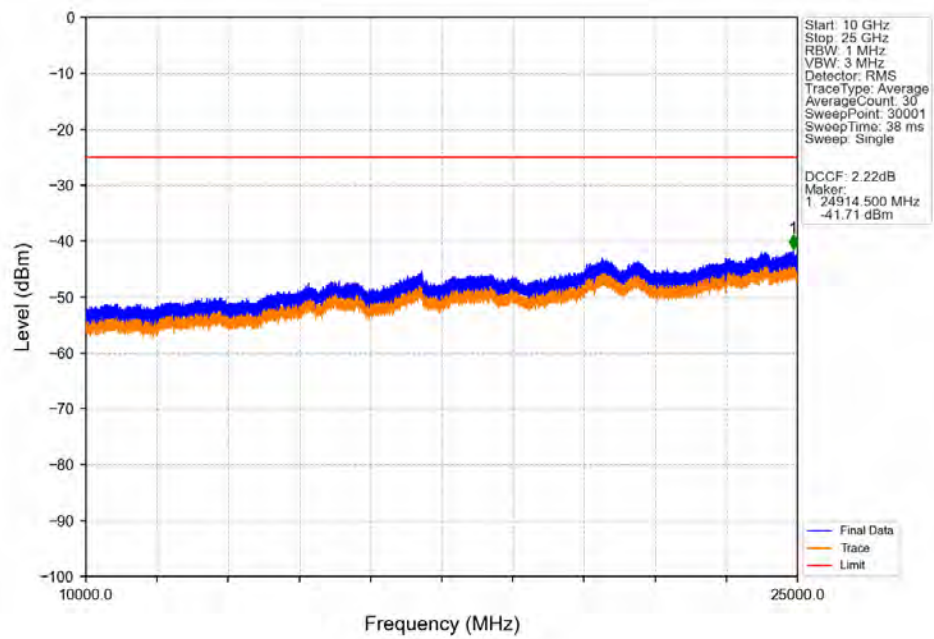
Band38_15MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



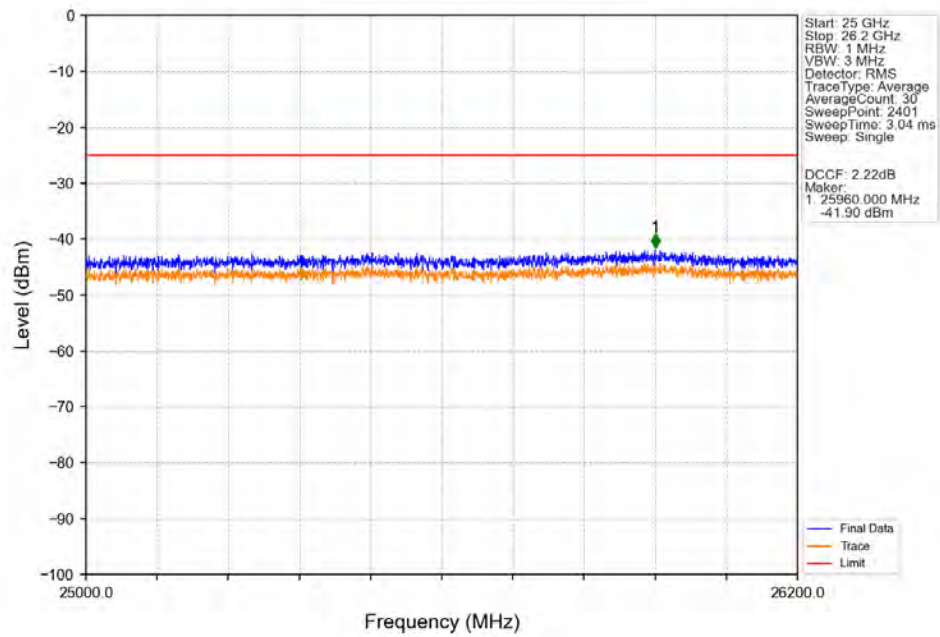
Band38 15MHz 64QAM HCH 2612.5MHz RB 1 0 NTNV



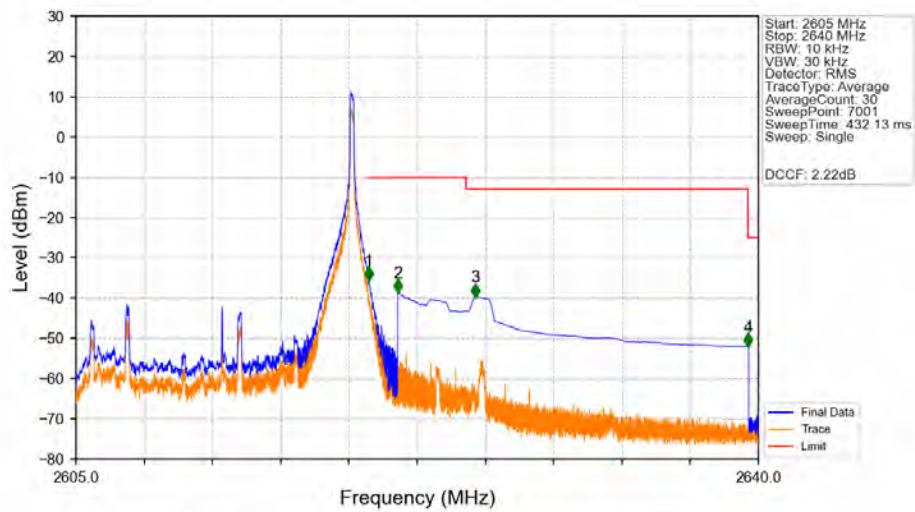
Band38 15MHz 64QAM HCH 2612.5MHz RB 1 0 NTNV



Band38 15MHz 64QAM HCH 2612.5MHz RB 1 0 NTNV

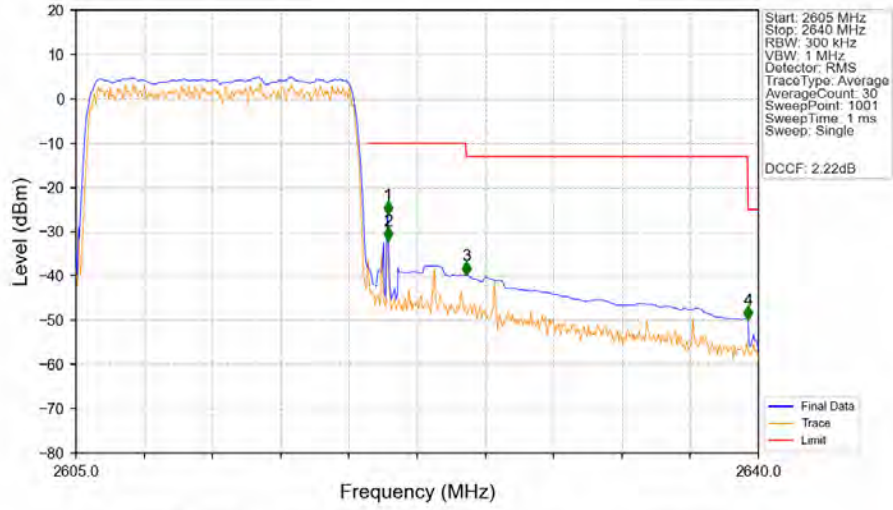


Band38_15MHz_64QAM_HCH_2612.5MHz_RB_1_74_NTNV



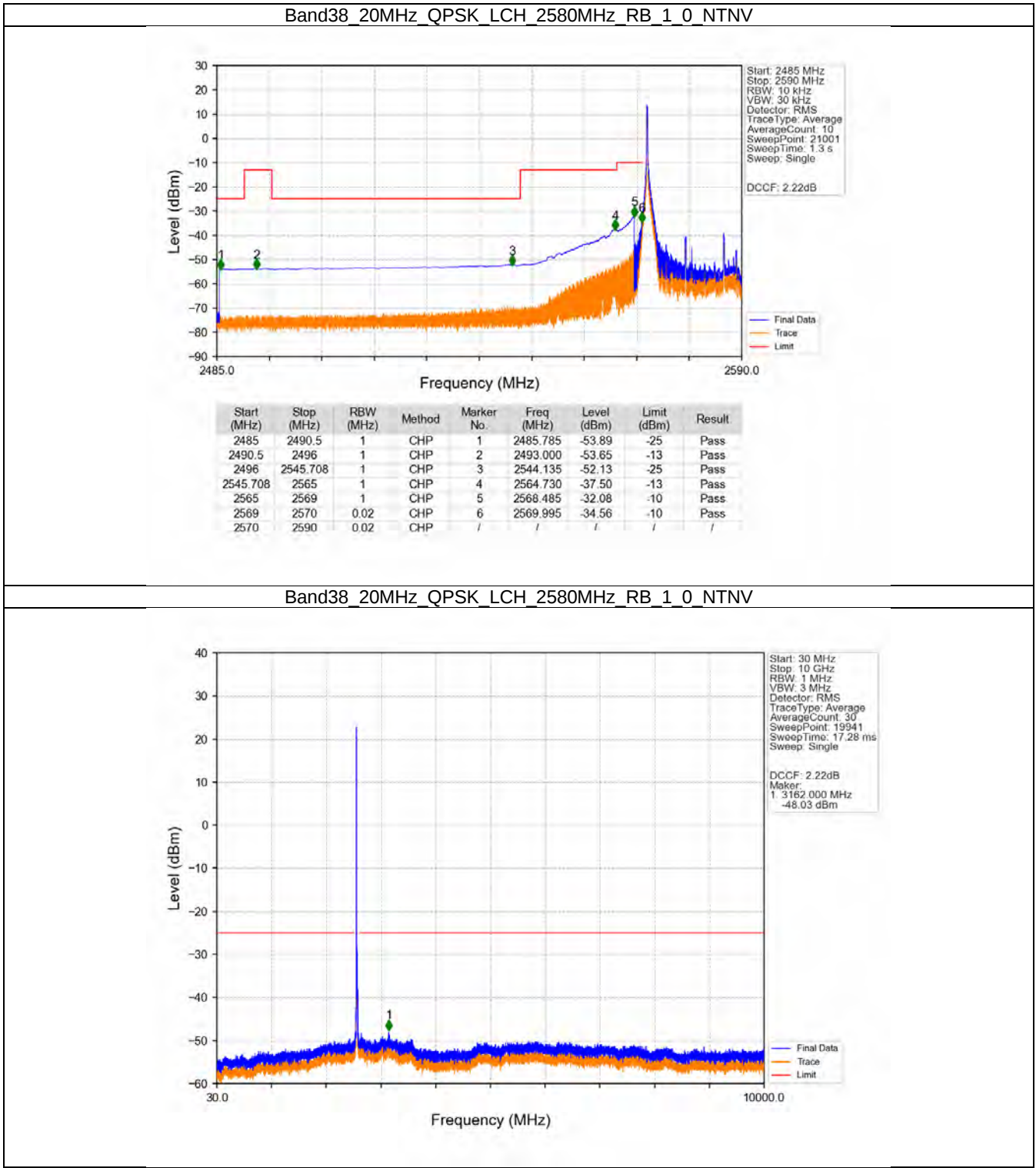
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.020	-35.63	-10	Pass
2621	2625	1	CHP	2	2621.500	-38.74	-10	Pass
2625	2639.461	1	CHP	3	2625.495	-39.77	-13	Pass
2639.461	2640	1	CHP	4	2639.465	-52.05	-25	Pass

Band38 15MHz 64QAM HCH 2612.5MHz RB 75 0 NTN

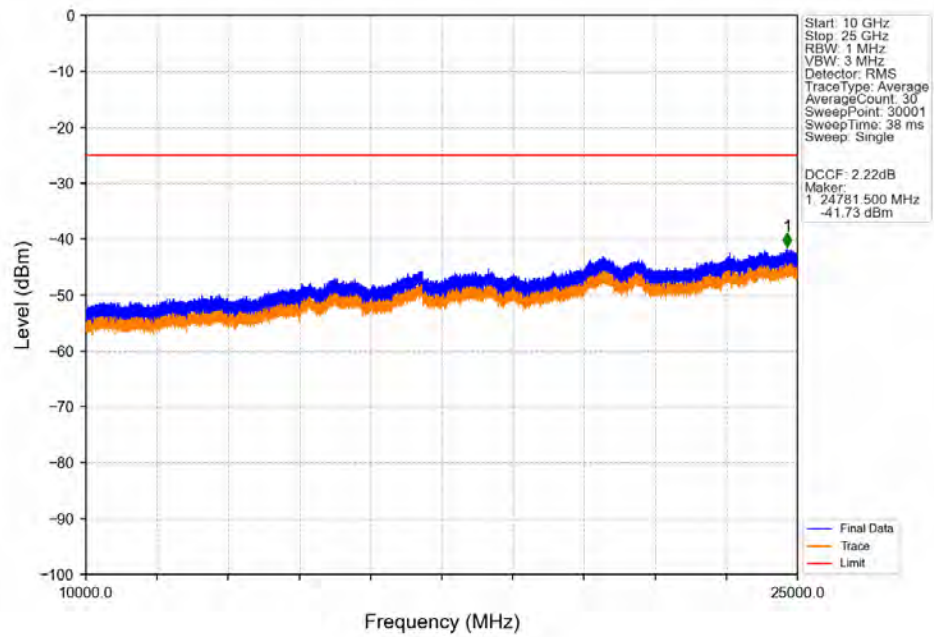


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.389	CHP	/	/	/	/	/
2620	2621	0.389	CHP	1	2620.995	-26.26	-10	Pass
2621	2625	1	CHP	2	2621.030	-32.02	-10	Pass
2625	2639.461	1	CHP	3	2625.020	-39.85	-13	Pass
2639.461	2640	1	CHP	4	2639.475	-49.83	-25	Pass

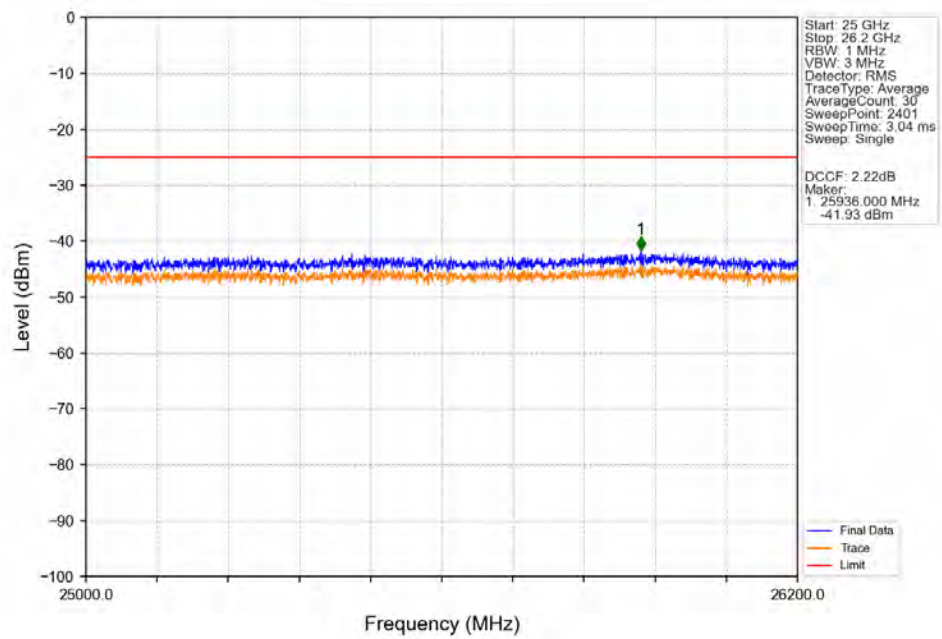
5.2.4 B38_20MHz



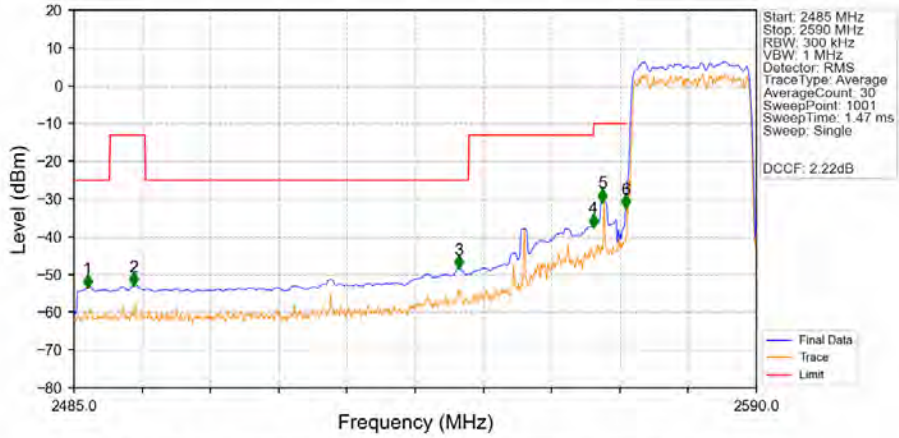
Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTNV



Band38 20MHz QPSK LCH 2580MHz RB 1 0 NTNV

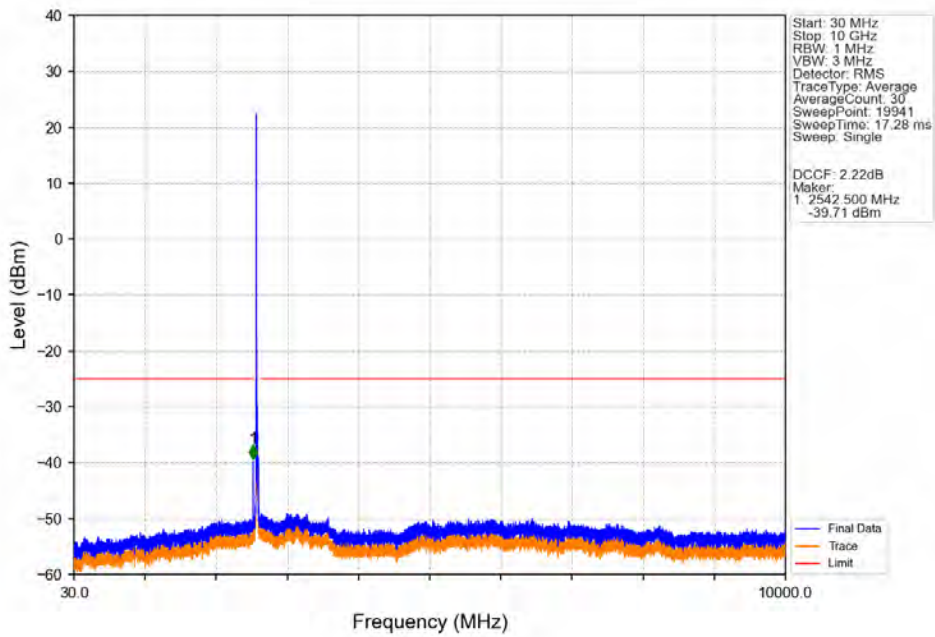


Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTV

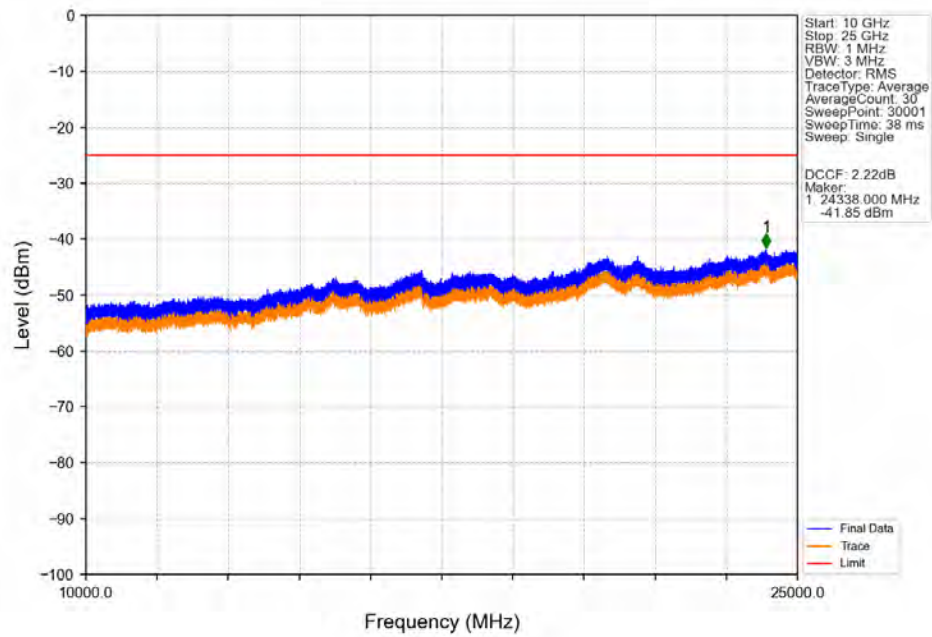


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.100	-53.30	-25	Pass
2490.5	2496	1	CHP	2	2494.240	-52.75	-13	Pass
2496	2545.708	1	CHP	3	2544.220	-48.25	-25	Pass
2545.708	2565	1	CHP	4	2564.905	-37.25	-13	Pass
2565	2569	1	CHP	5	2566.270	-30.67	-10	Pass
2569	2570	0.486	CHP	6	2569.945	-32.26	-10	Pass
2570	2590	0.486	CHP	/	/	/	/	/

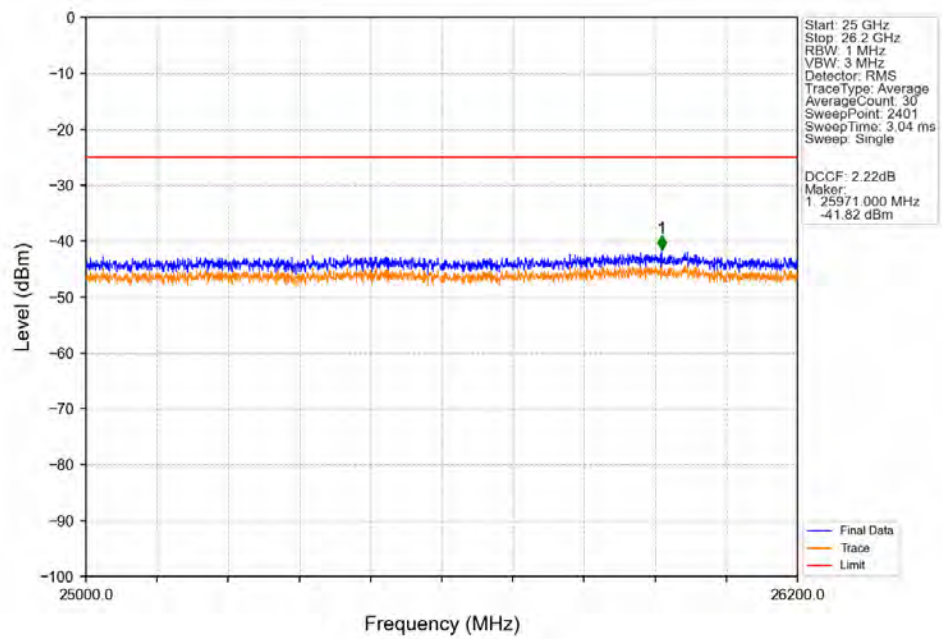
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTV



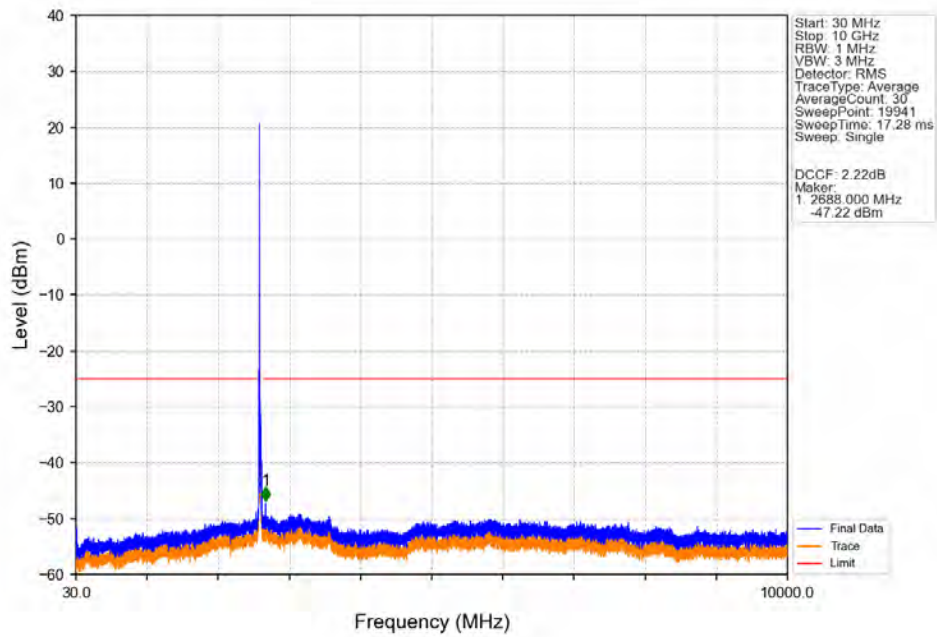
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTNV



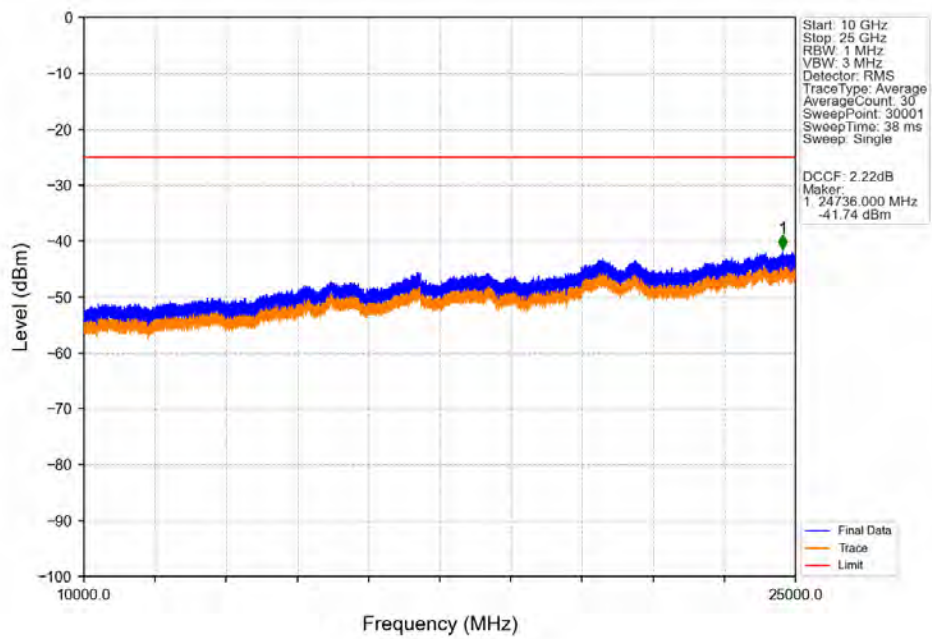
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTNV



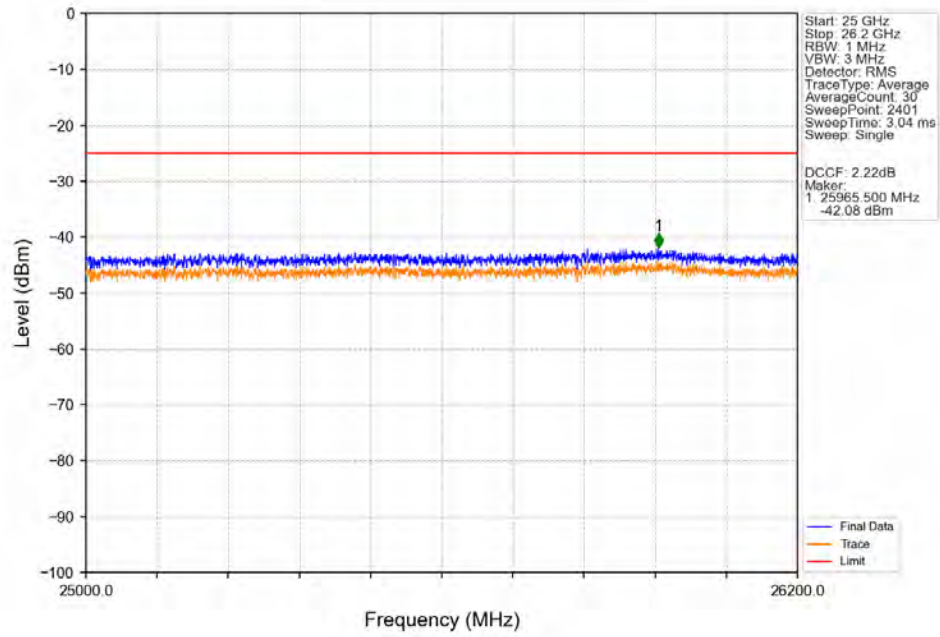
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



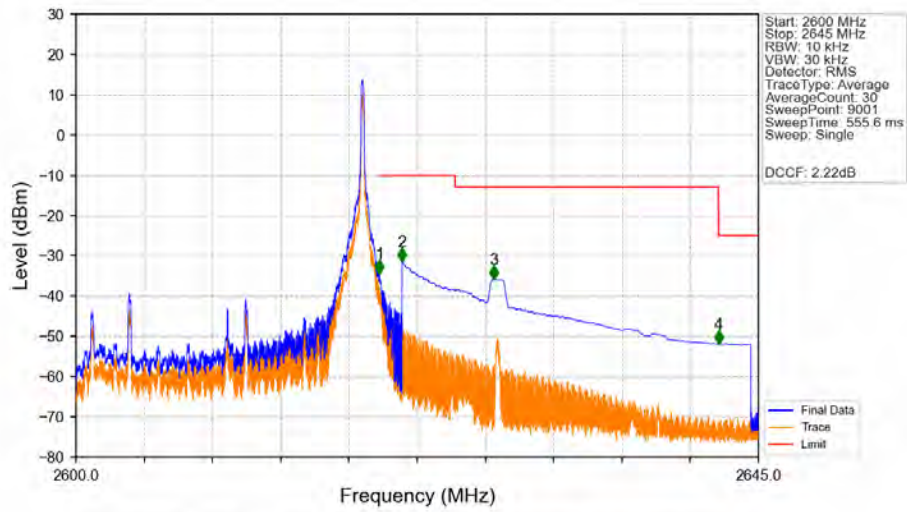
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV

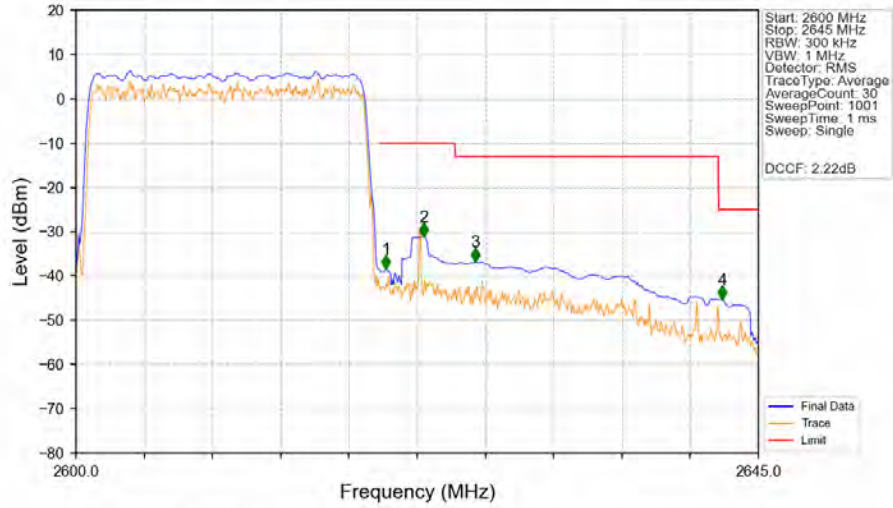


Band38_20MHz_QPSK_HCH_2610MHz_RB_1_99_NTNV



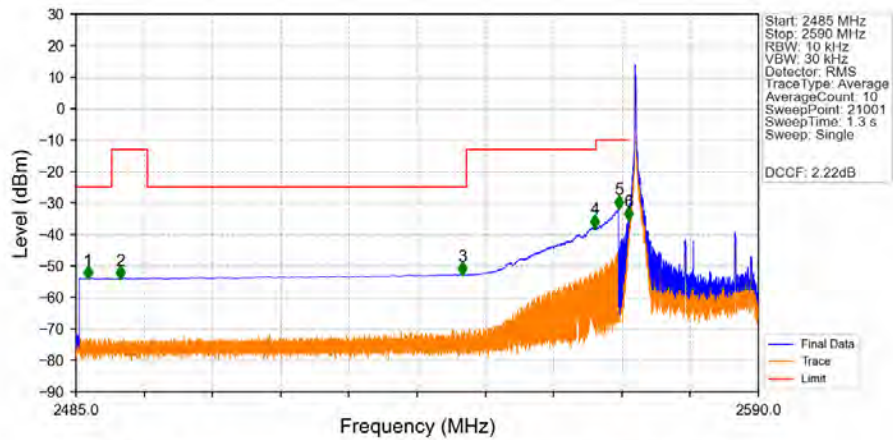
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2600	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.010	-34.46	-10	Pass
2621	2625	1	CHP	2	2621.500	-31.48	-10	Pass
2625	2642.367	1	CHP	3	2627.570	-35.88	-13	Pass
2642.367	2645	1	CHP	4	2642.390	-51.80	-25	Pass

Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTV



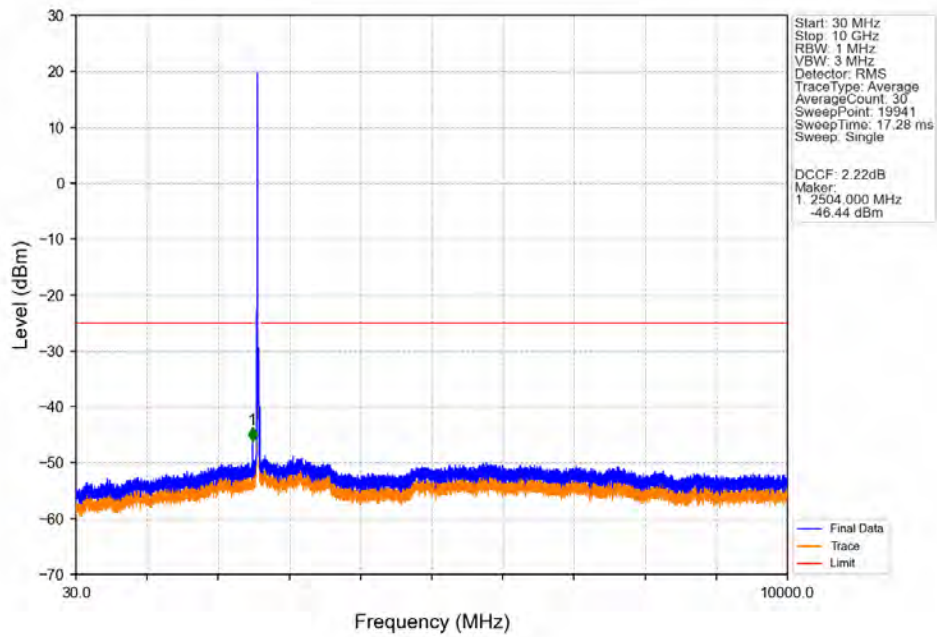
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2600	2620	0.447	CHP	/	/	/	/	/
2620	2621	0.447	CHP	1	2620.430	-38.49	-10	Pass
2621	2625	1	CHP	2	2622.950	-31.13	-10	Pass
2625	2642.367	1	CHP	3	2626.325	-36.86	-13	Pass
2642.367	2645	1	CHP	4	2642.615	-45.36	-25	Pass

Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTV

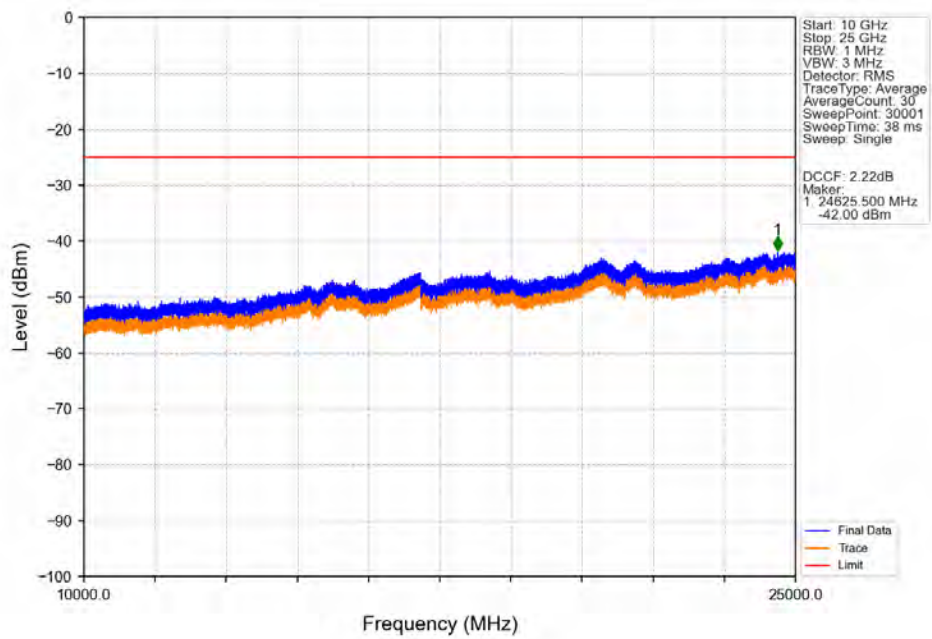


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.845	-53.93	-25	Pass
2490.5	2496	1	CHP	2	2491.830	-53.95	-13	Pass
2496	2545.079	1	CHP	3	2544.400	-52.70	-25	Pass
2545.079	2565	1	CHP	4	2564.815	-37.70	-13	Pass
2565	2569	1	CHP	5	2568.500	-31.54	-10	Pass
2569	2570	0.02	CHP	6	2569.990	-35.33	-10	Pass
2570	2590	0.02	CHP	/	/	/	/	/

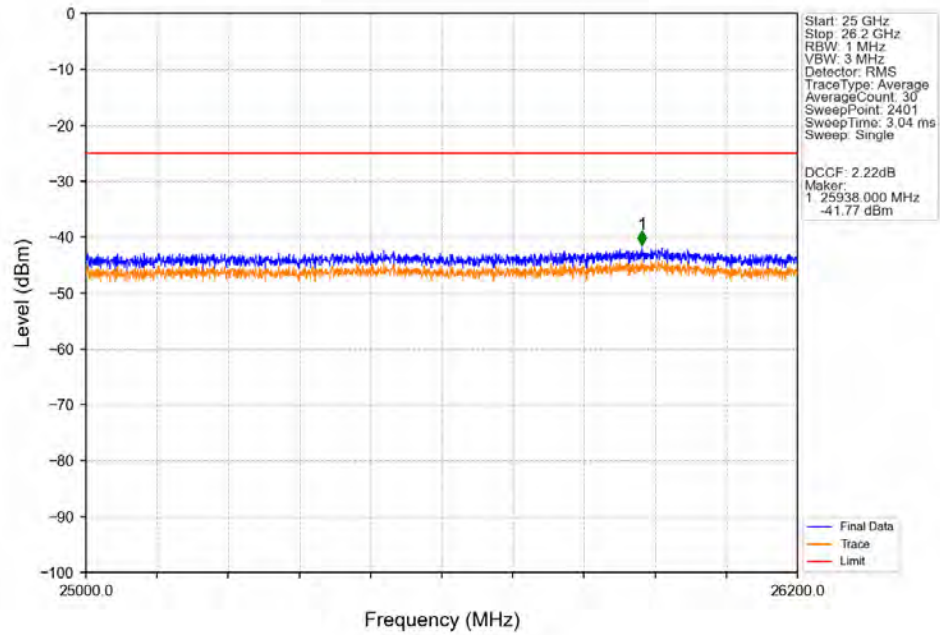
Band38 20MHz 16QAM LCH 2580MHz RB 1 0 NTNV



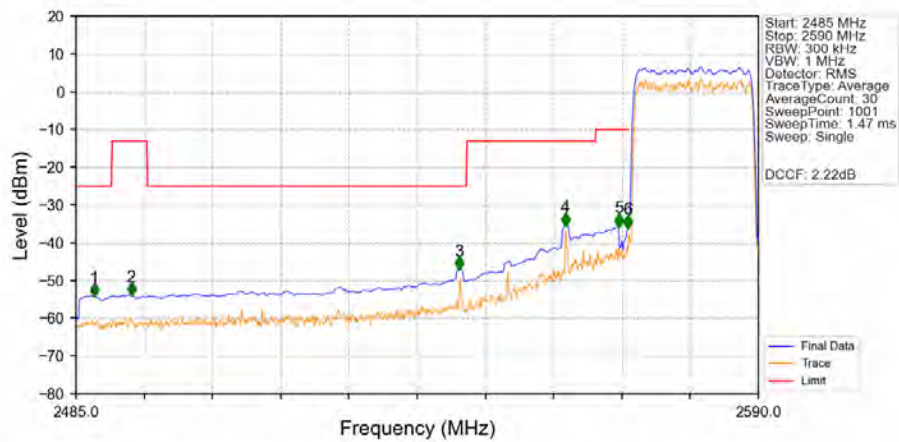
Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



Band38 20MHz 16QAM LCH 2580MHz RB 1 0 NTN

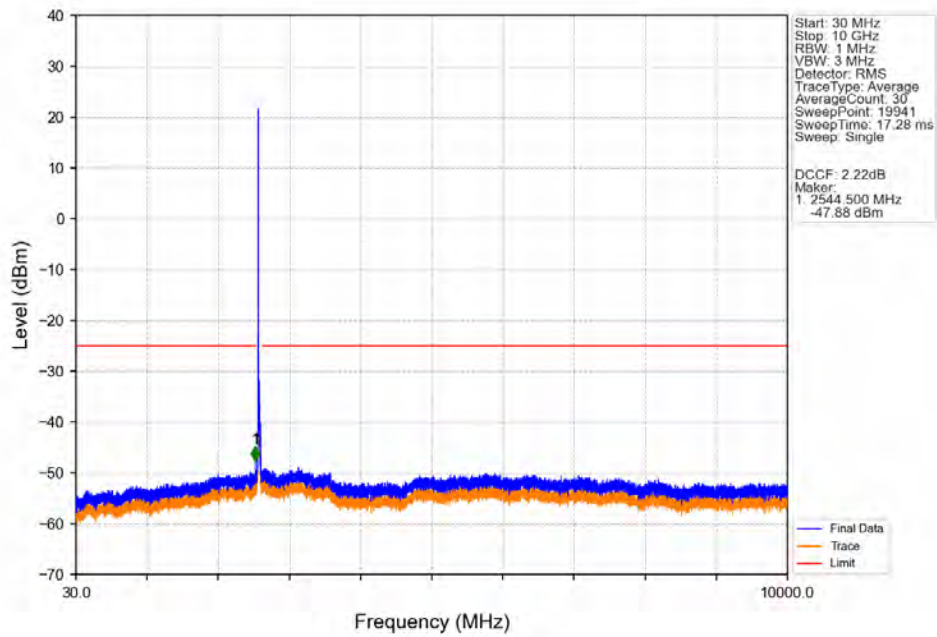


Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV

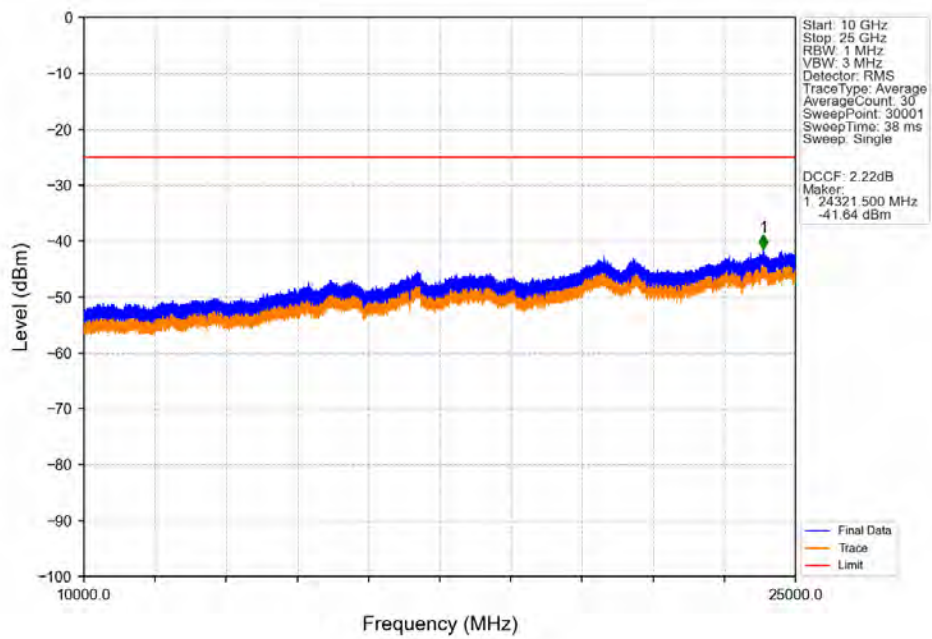


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.835	-54.03	-25	Pass
2490.5	2496	1	CHP	2	2493.505	-53.79	-13	Pass
2496	2545.079	1	CHP	3	2543.905	-47.03	-25	Pass
2545.079	2565	1	CHP	4	2560.285	-35.35	-13	Pass
2565	2569	1	CHP	5	2568.475	-35.55	-10	Pass
2569	2570	0.498	CHP	6	2569.945	-35.98	-10	Pass
2570	2590	0.498	CHP	/	/	/	/	/

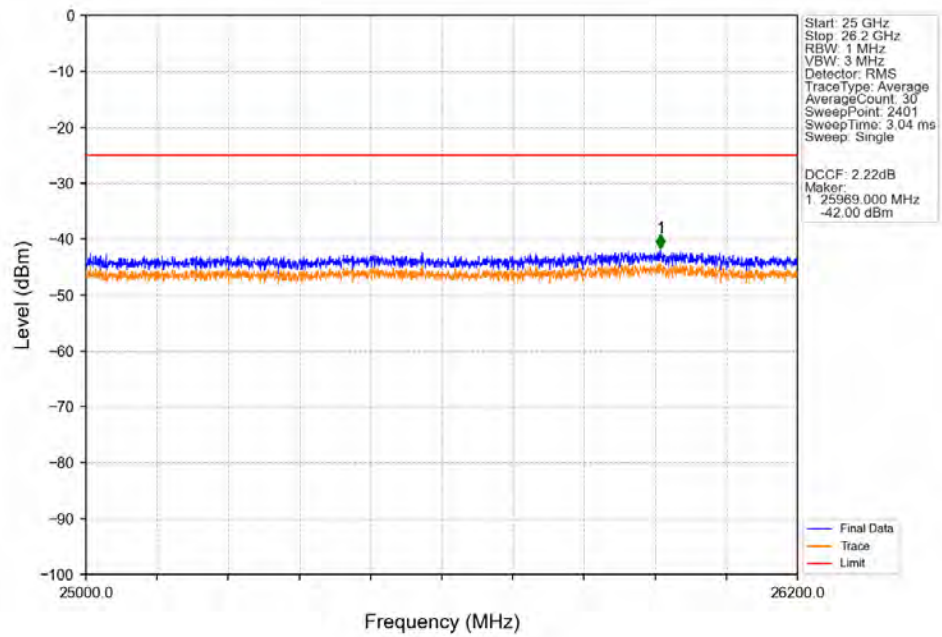
Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



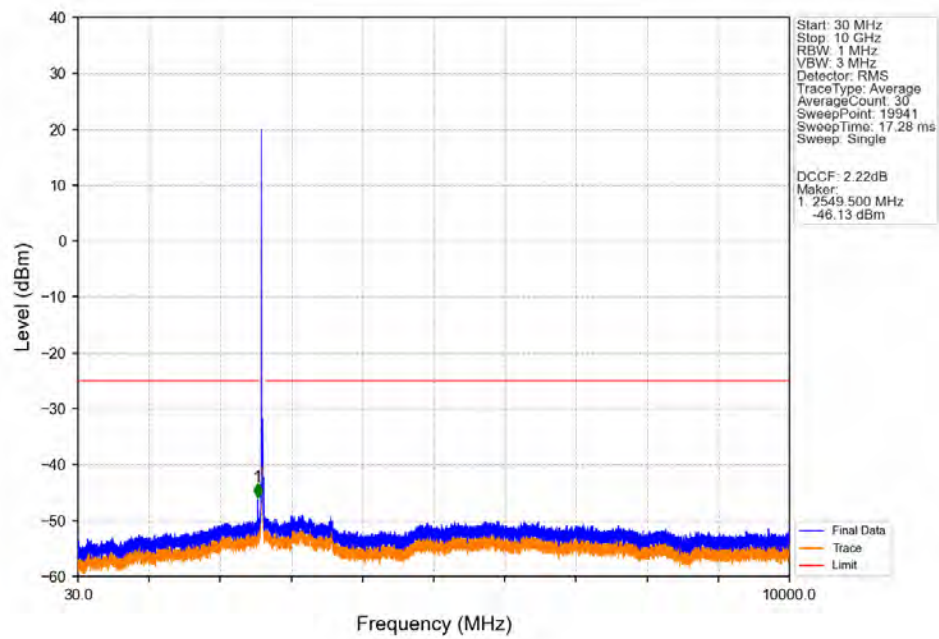
Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



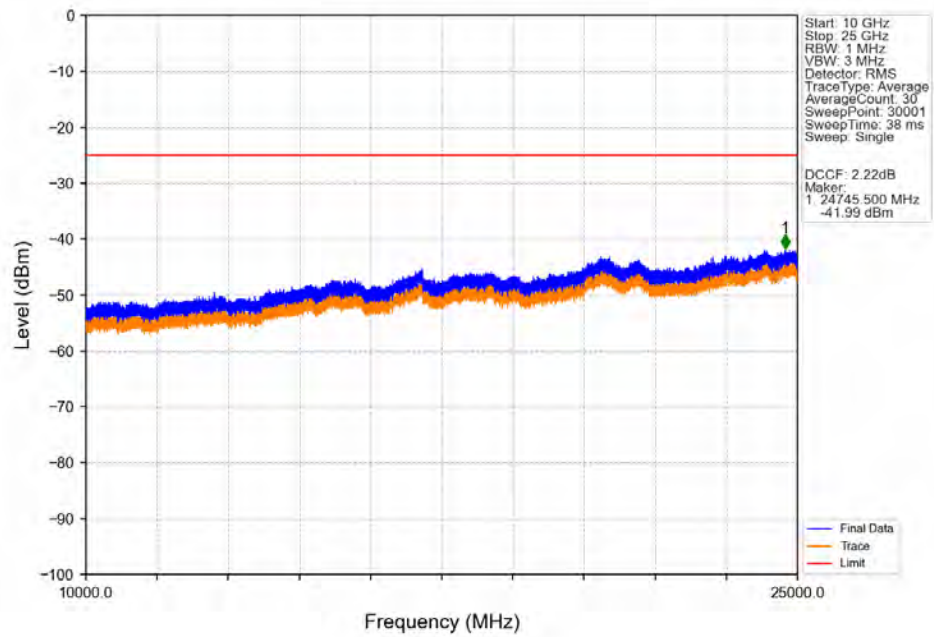
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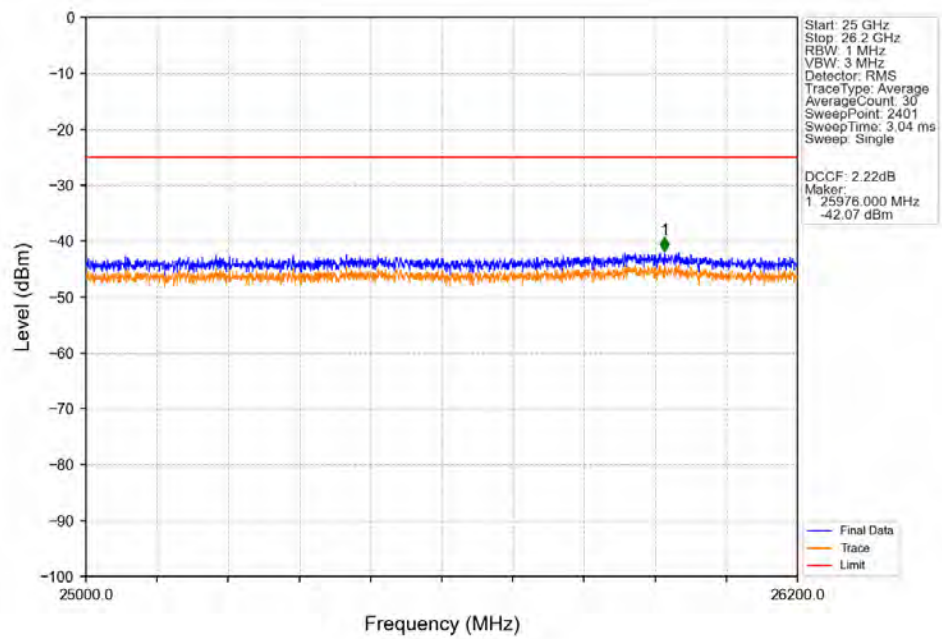
Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV



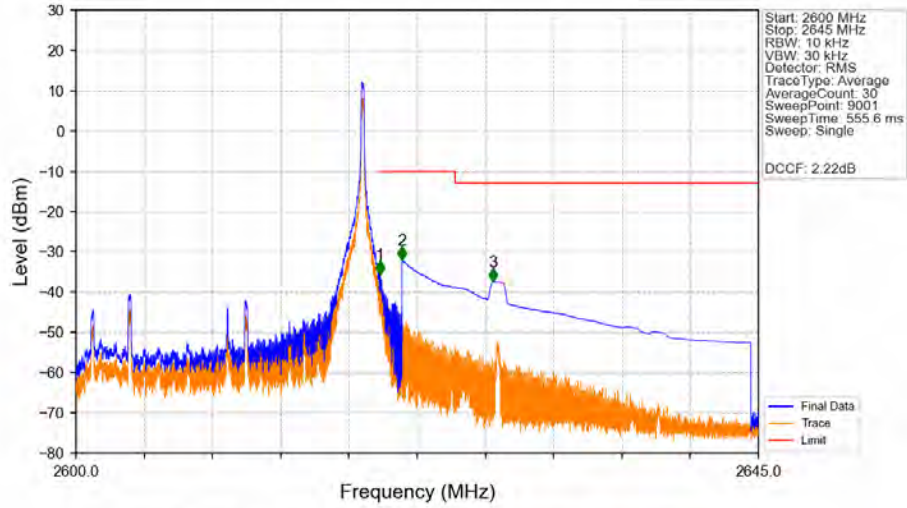
Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV



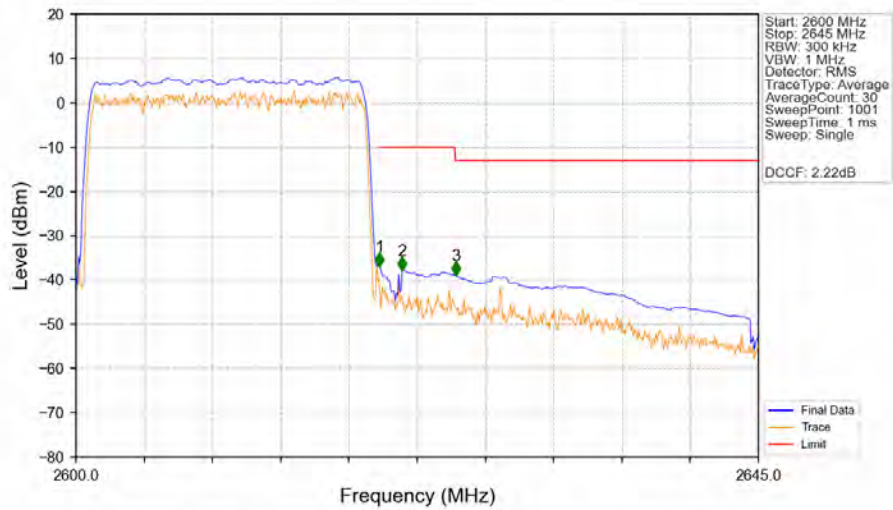
Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV



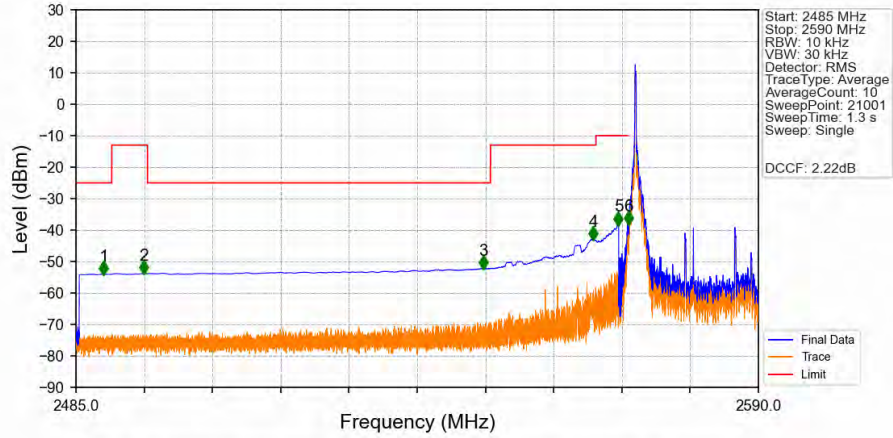
Band38 20MHz 16QAM HCH 2610MHz RB 1 99 NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV

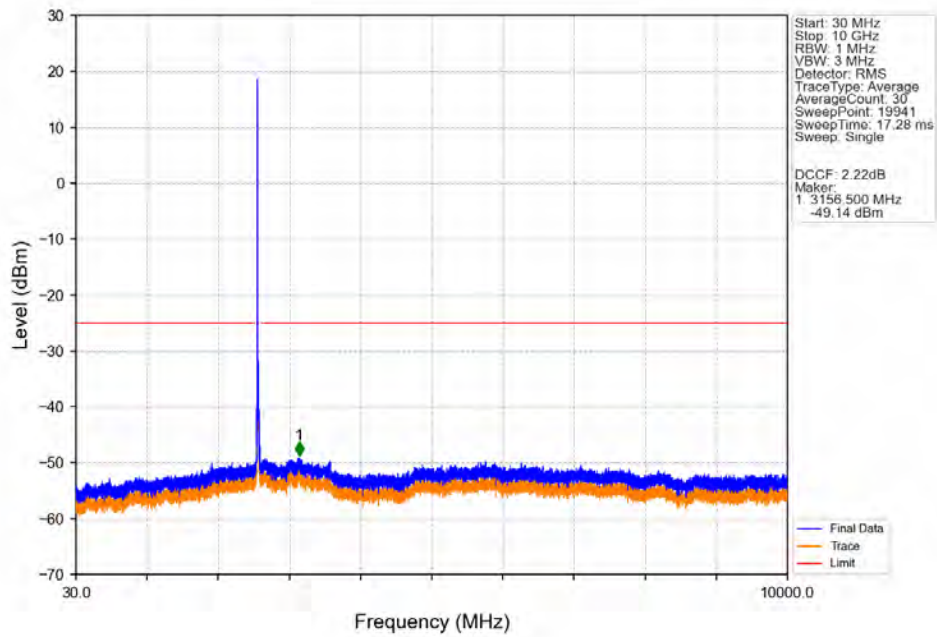


Band38 20MHz 64QAM LCH 2580MHz RB 1 0 NTNV

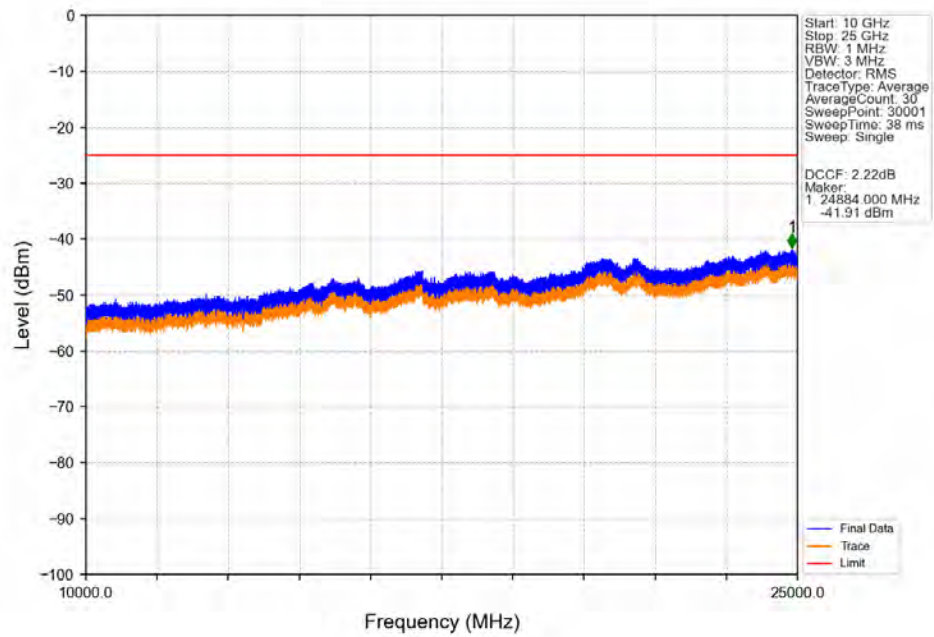


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.250	-53.98	-25	Pass
2490.5	2496	1	CHP	2	2495.450	-53.74	-13	Pass
2496	2548.774	1	CHP	3	2547.630	-52.12	-25	Pass
2548.774	2565	1	CHP	4	2564.575	-42.93	-13	Pass
2565	2569	1	CHP	5	2568.460	-38.19	-10	Pass
2569	2570	0.02	CHP	6	2569.990	-38.06	-10	Pass
2570	2590	0.02	CHP	/	/	/	/	/

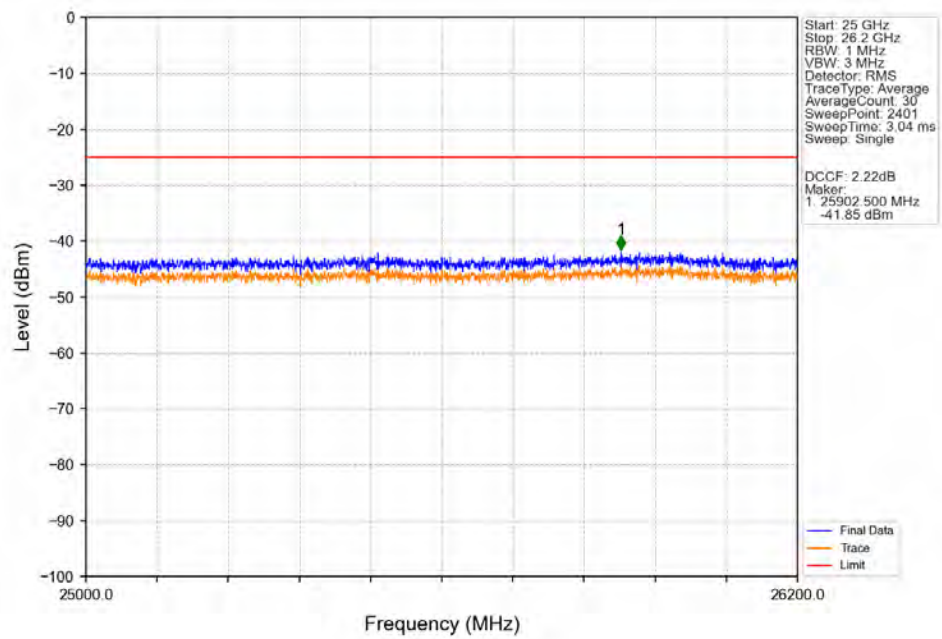
Band38_20MHz_64QAM_LCH_2580MHz_RB_1_0_NTNV



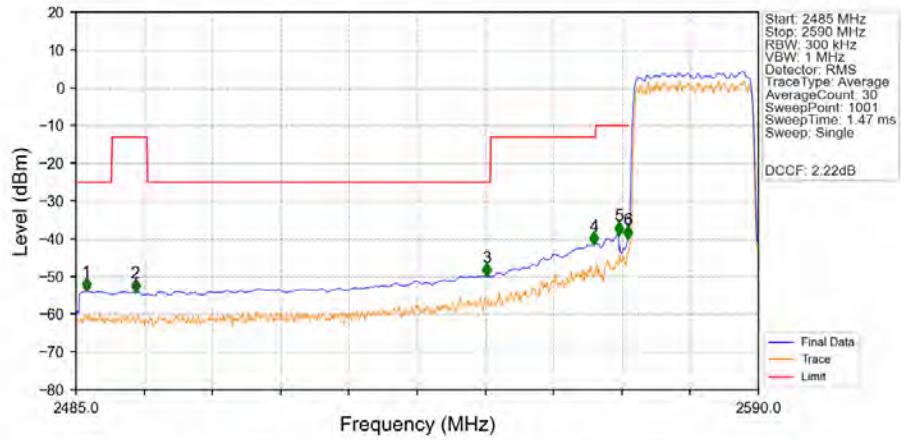
Band38 20MHz 64QAM LCH 2580MHz RB 1 0 NTV



Band38_20MHz_64QAM_LCH_2580MHz_RB_1_0_NTV

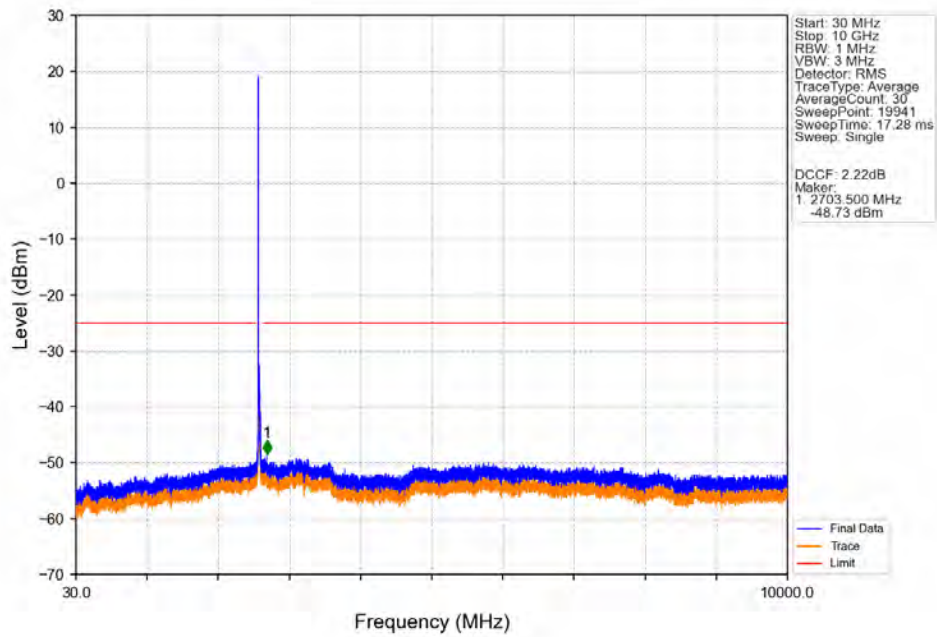


Band38 20MHz 64QAM LCH 2580MHz RB 100 0 NTNV

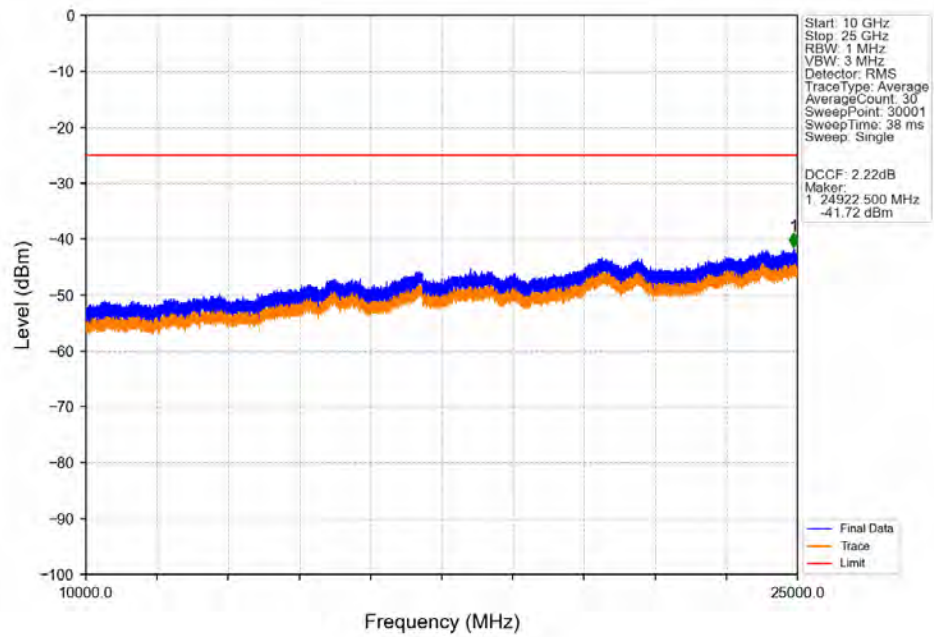


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.575	-53.69	-25	Pass
2490.5	2496	1	CHP	2	2494.135	-53.97	-13	Pass
2496	2548.774	1	CHP	3	2548.210	-49.77	-25	Pass
2548.774	2565	1	CHP	4	2564.695	-41.40	-13	Pass
2565	2569	1	CHP	5	2568.475	-38.75	-10	Pass
2569	2570	0.425	CHP	6	2569.945	-39.82	-10	Pass
2570	2590	0.425	CHP	/	/	/	/	/

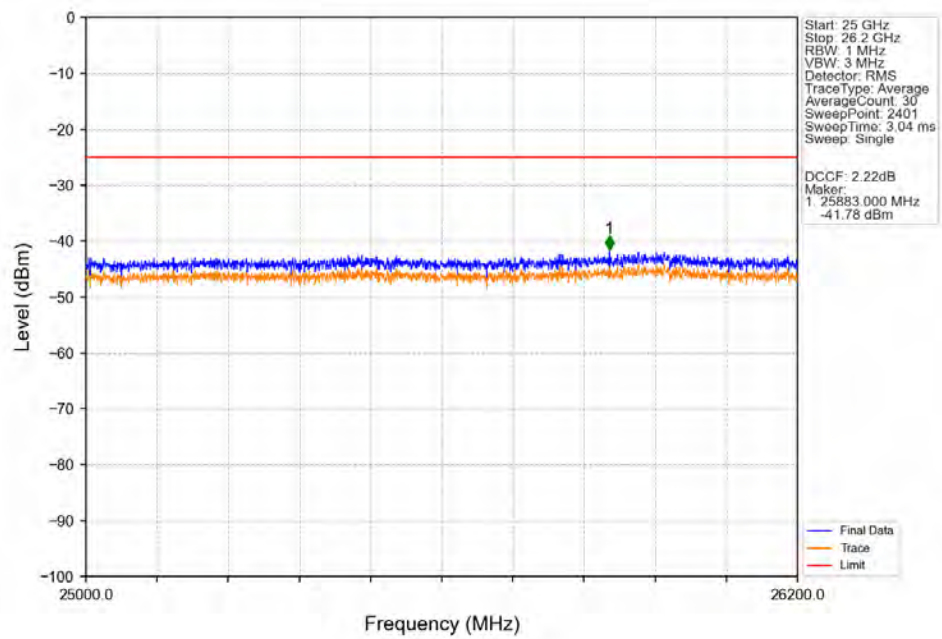
Band38_20MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



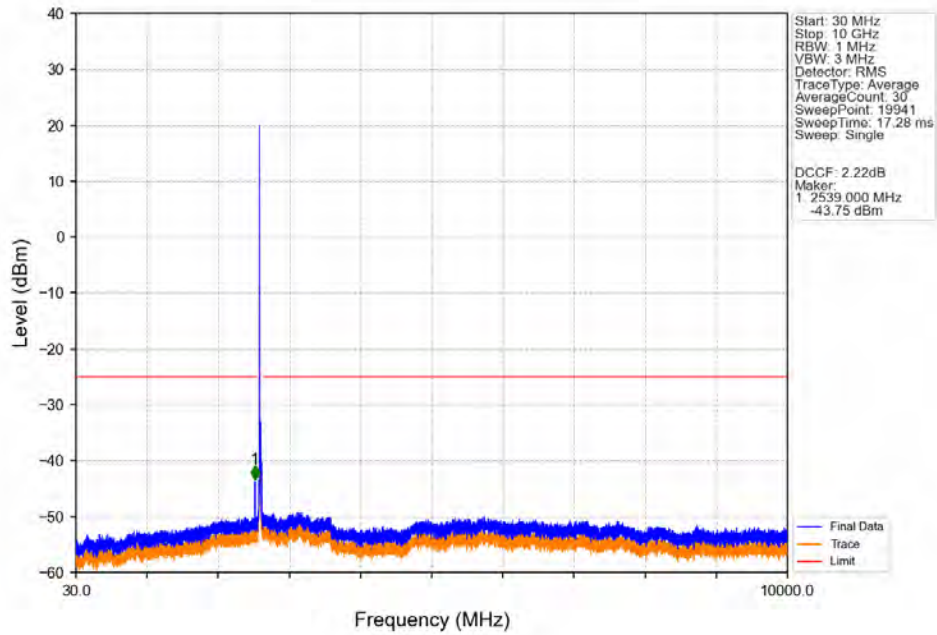
Band38_20MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



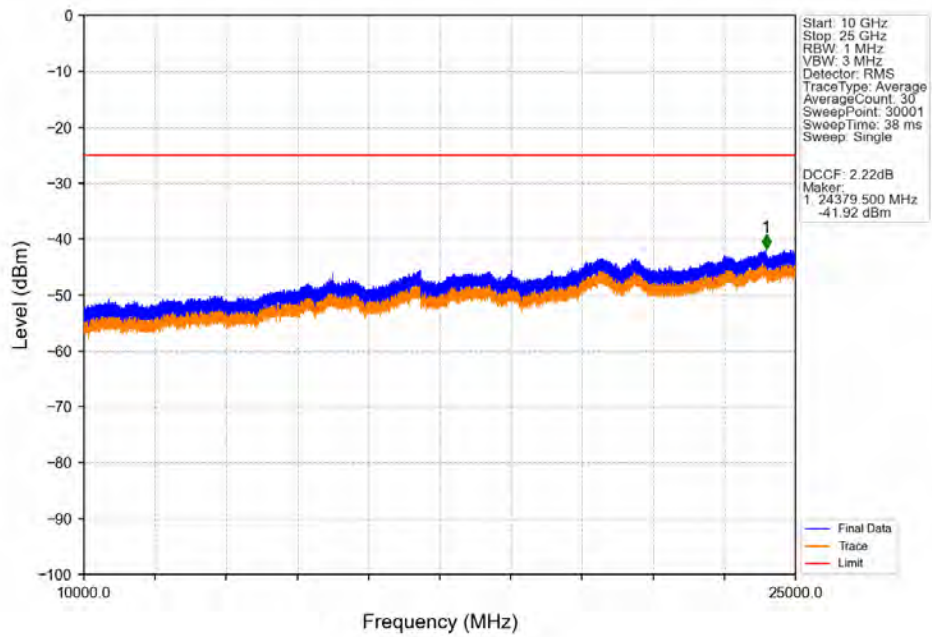
Band38_20MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



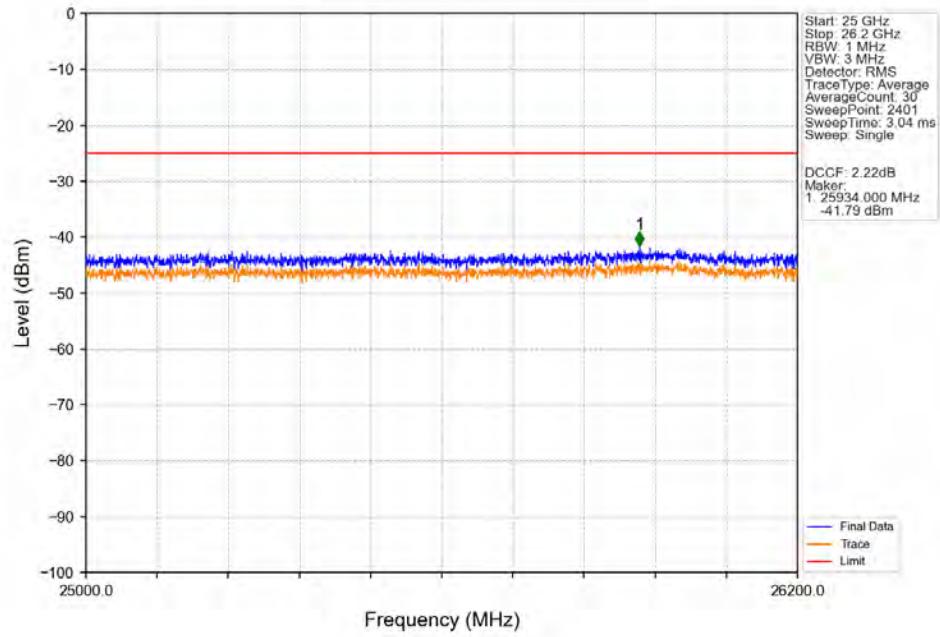
Band38_20MHz_64QAM_HCH_2610MHz_RB_1_0_NTNV



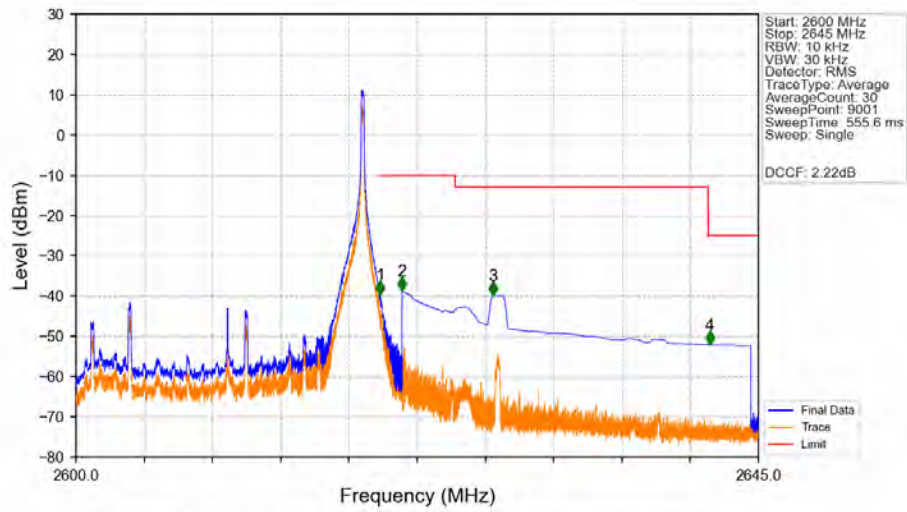
Band38_20MHz_64QAM_HCH_2610MHz_RB_1_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_1_0_NTNV

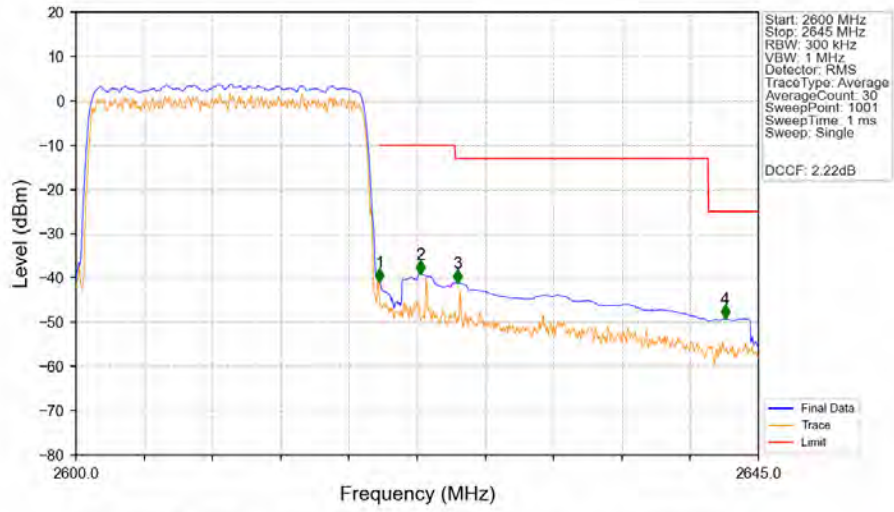


Band38_20MHz_64QAM_HCH_2610MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2600	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.060	-39.61	-10	Pass
2621	2625	1	CHP	2	2621.500	-38.61	-10	Pass
2625	2641.688	1	CHP	3	2627.490	-39.88	-13	Pass
2641.688	2645	1	CHP	4	2641.790	-52.13	-25	Pass

Band38 20MHz 64QAM HCH 2610MHz RB 100 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2600	2620	0.434	CHP	/	/	/	/	/
2620	2621	0.434	CHP	1	2620.025	-40.96	-10	Pass
2621	2625	1	CHP	2	2622.725	-39.11	-10	Pass
2625	2641.688	1	CHP	3	2625.155	-41.13	-13	Pass
2641.688	2645	1	CHP	4	2642.795	-49.19	-25	Pass

6. Field Strength of Spurious Radiation

LTE Band 38 ANT1-Low channel, Modulation: QPSK, Bandwidth:20 MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5142.0	-60.46	-25	-35.46	-66.07	4.62	10.23	Horizontal	Pass
7713.0	-59.11	-25	-34.11	-66.14	4.96	11.99	Horizontal	Pass
10284.0	-52.21	-25	-27.21	-59.78	5.51	13.08	Horizontal	Pass
5142.0	-60.64	-25	-35.64	-66.25	4.62	10.23	Vertical	Pass
7713.0	-54.99	-25	-29.99	-62.02	4.96	11.99	Vertical	Pass
10284.0	-49.85	-25	-24.85	-57.42	5.51	13.08	Vertical	Pass

LTE Band 38 ANT1-Middle channel, Modulation: QPSK, Bandwidth:20 MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5172.0	-62.46	-25	-37.46	-68.08	4.63	10.25	Horizontal	Pass
7758.0	-59.37	-25	-34.37	-66.45	4.96	12.04	Horizontal	Pass
10344.0	-51.66	-25	-26.66	-59.23	5.52	13.09	Horizontal	Pass
5172.0	-61.41	-25	-36.41	-67.03	4.63	10.25	Vertical	Pass
7758.0	-54.18	-25	-29.18	-61.26	4.96	12.04	Vertical	Pass
10344.0	-52.02	-25	-27.02	-59.59	5.52	13.09	Vertical	Pass

LTE Band 38 ANT1-High channel, Modulation: QPSK, Bandwidth:20 MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5202.0	-62.71	-25	-37.71	-68.35	4.63	10.27	Horizontal	Pass
7803.0	-57.8	-25	-32.8	-64.94	4.96	12.1	Horizontal	Pass
10404.0	-54.73	-25	-29.73	-62.31	5.52	13.1	Horizontal	Pass
5202.0	-62.23	-25	-37.23	-67.87	4.63	10.27	Vertical	Pass
7803.0	-52.32	-25	-27.32	-59.46	4.96	12.1	Vertical	Pass
10404.0	-52.58	-25	-27.58	-60.16	5.52	13.1	Vertical	Pass