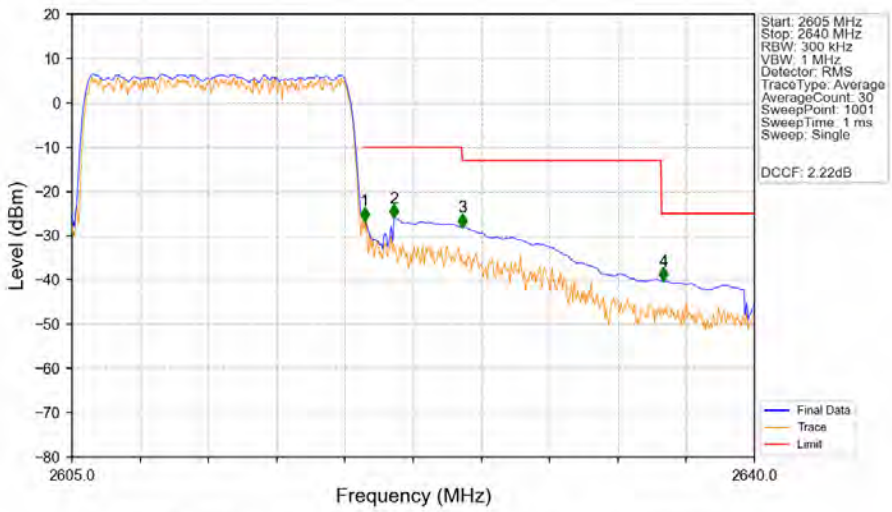
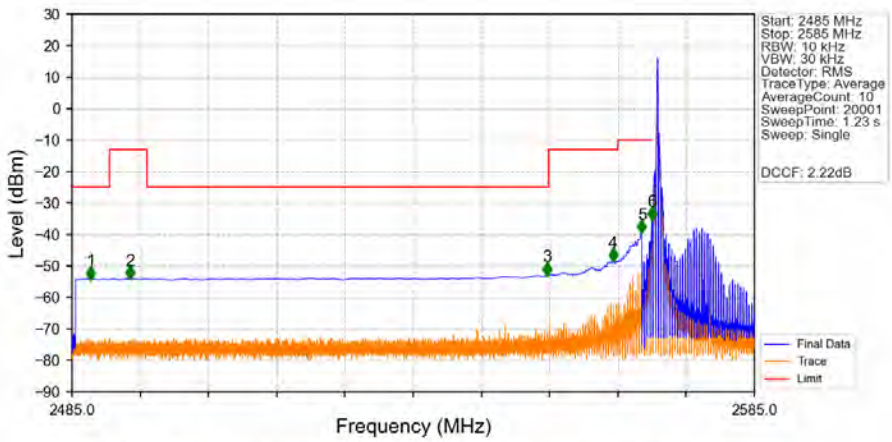
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



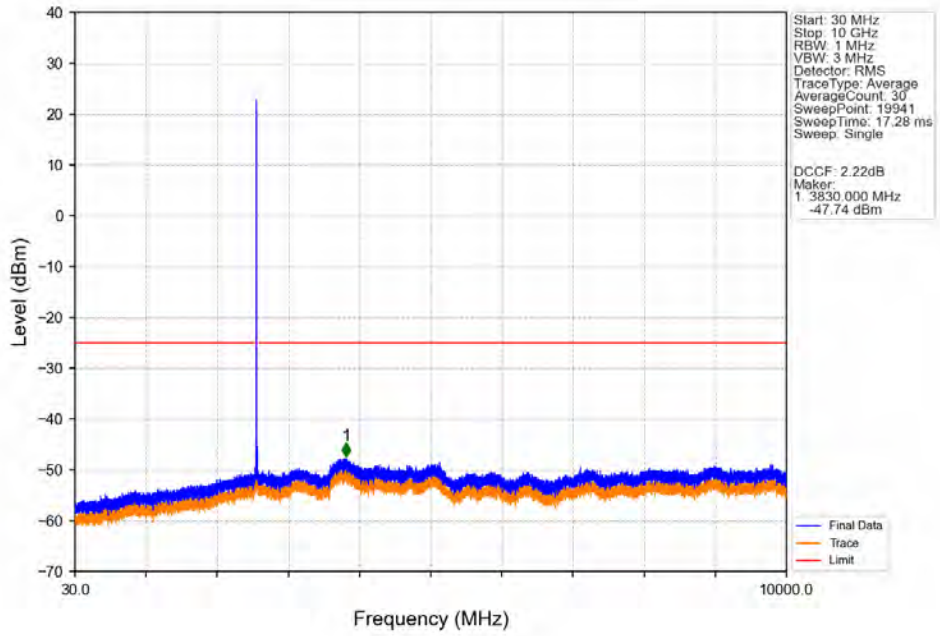
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.304	CHP	/	/	/	/	/
2620	2621	0.304	CHP	1	2620.015	-26.67	-10	Pass
2621	2625	1	CHP	2	2621.520	-25.98	-10	Pass
2625	2635.207	1	CHP	3	2625.020	-28.12	-13	Pass
2635.207	2640	1	CHP	4	2635.345	-40.30	-25	Pass

Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV

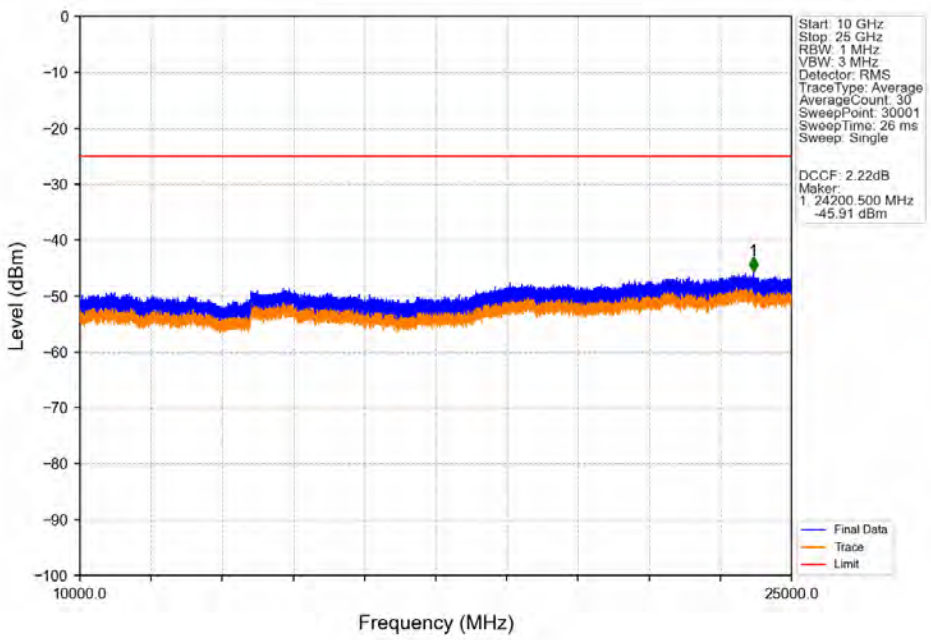


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.745	-54.14	-25	Pass
2490.5	2496	1	CHP	2	2493.560	-54.06	-13	Pass
2496	2554.82	1	CHP	3	2554.570	-52.82	-25	Pass
2554.82	2565	1	CHP	4	2564.295	-48.36	-13	Pass
2565	2569	1	CHP	5	2568.500	-39.38	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-35.20	-10	Pass
2570	2585	0.02	CHP	/	/	/	/	/

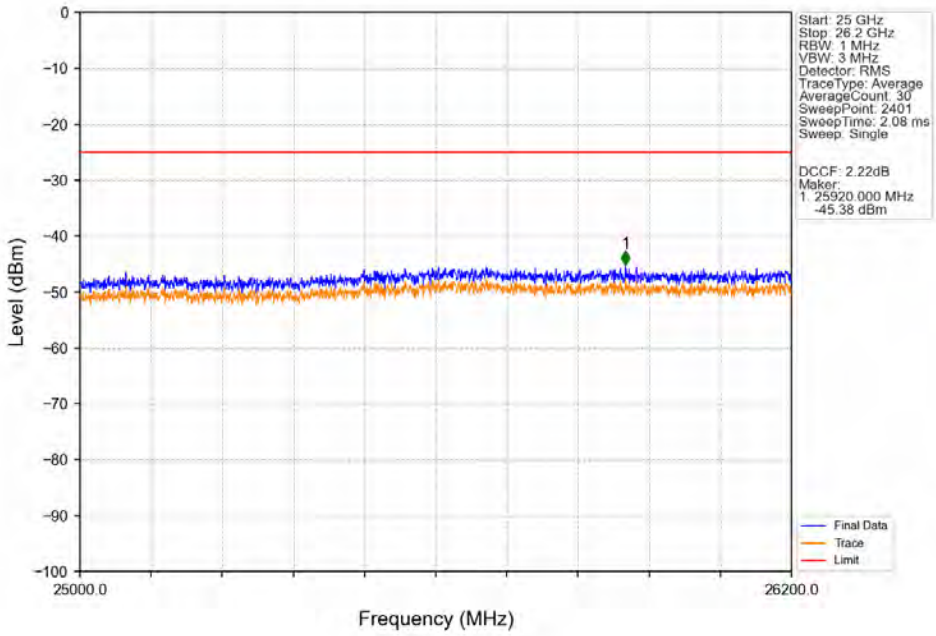
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV



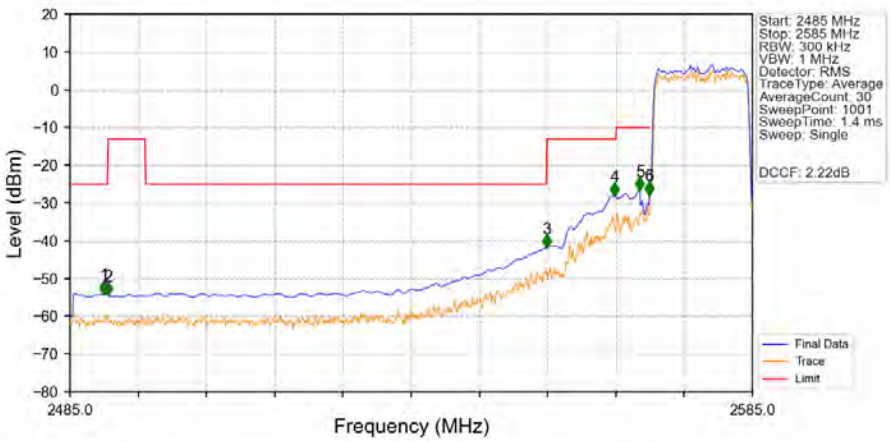
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_16QAM_LCH_2577.5MHz_RB_1_0_NTNV

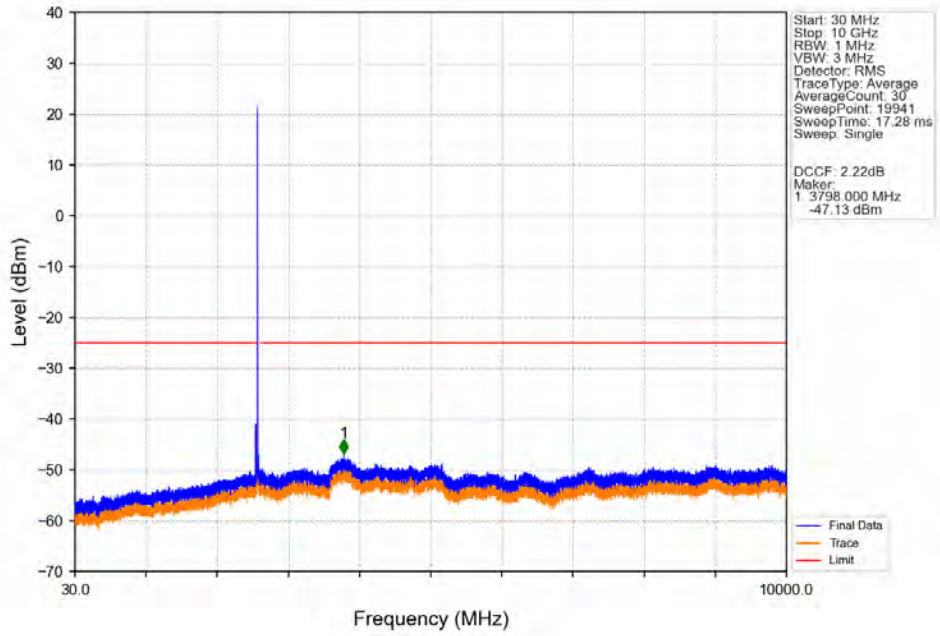


Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV

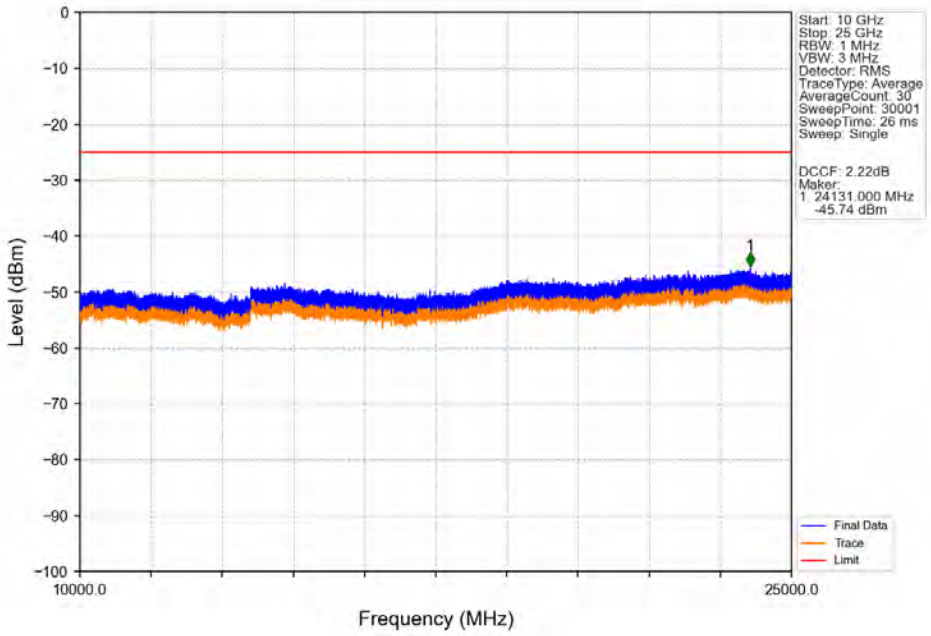


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.000	-53.95	-25	Pass
2490.5	2496	1	CHP	2	2490.600	-54.20	-13	Pass
2496	2554.82	1	CHP	3	2554.800	-41.65	-25	Pass
2554.82	2565	1	CHP	4	2564.800	-27.85	-13	Pass
2565	2569	1	CHP	5	2568.500	-26.52	-10	Pass
2569	2570	0.304	CHP	6	2569.900	-27.64	-10	Pass
2570	2585	0.304	CHP	/	/	/	/	/

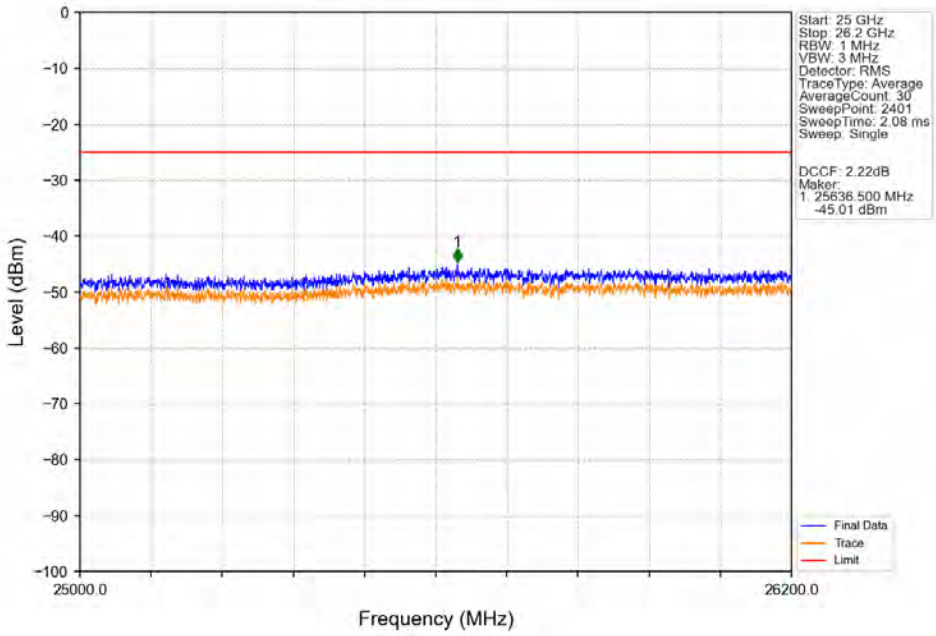
Band38_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



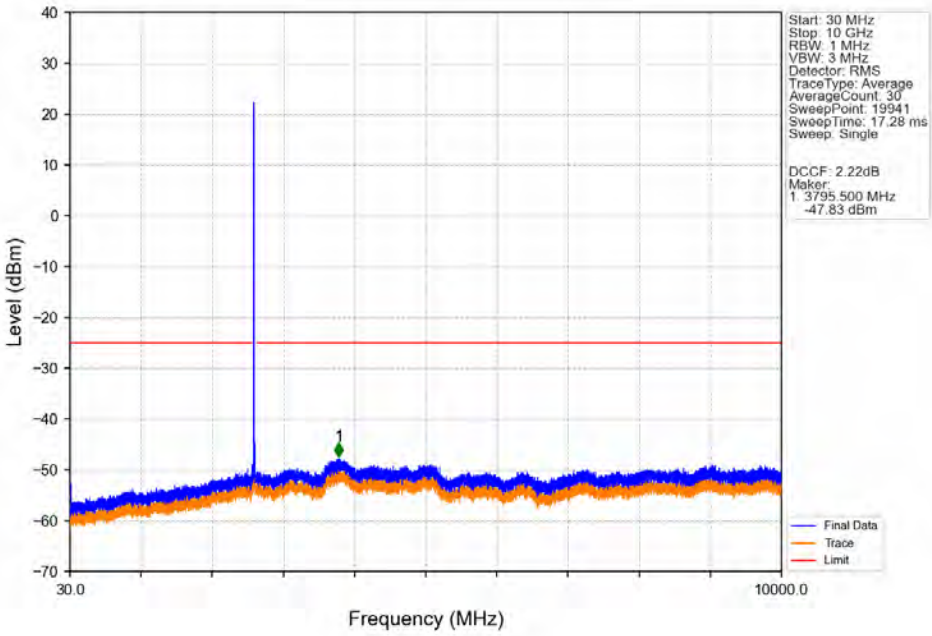
Band38_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



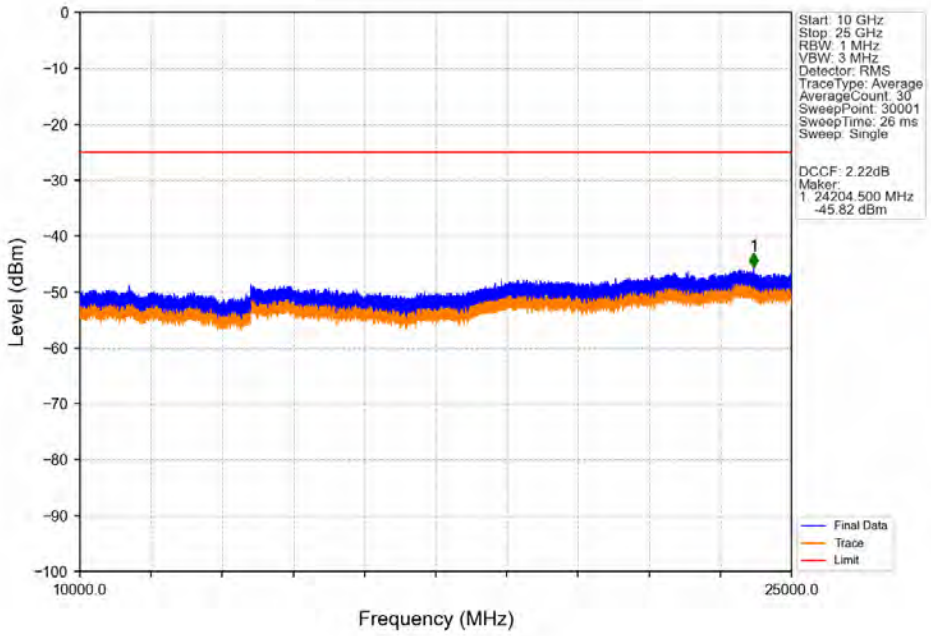
Band38_15MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



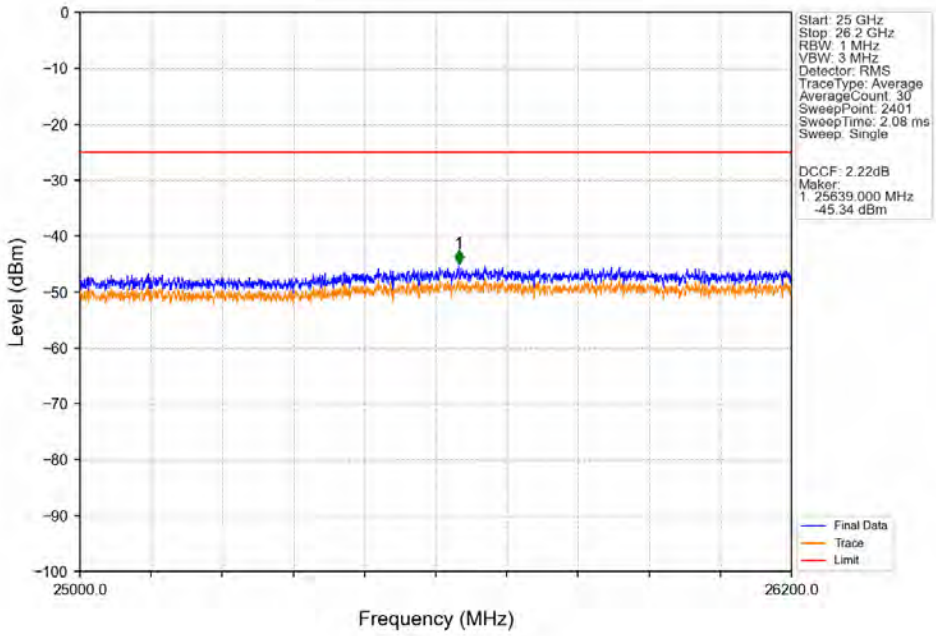
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_0_NTNV



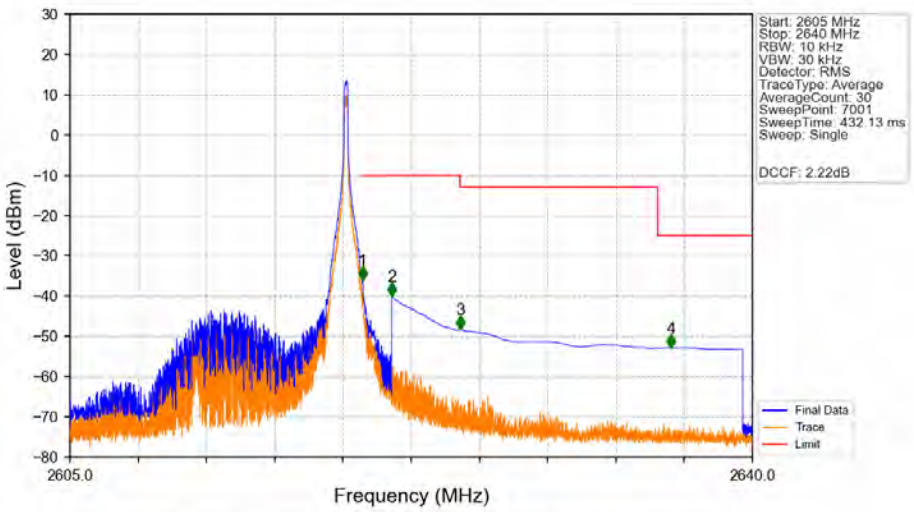
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_0_NTNV

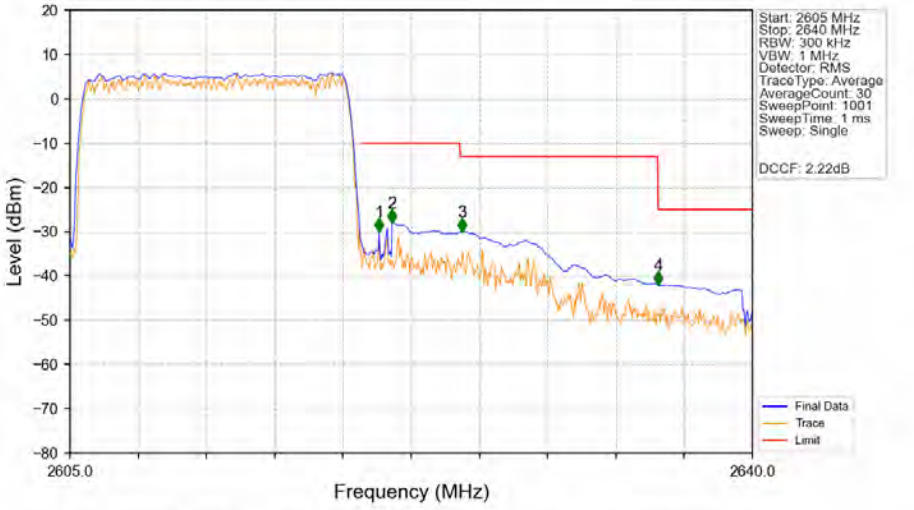


Band38_15MHz_16QAM_HCH_2612.5MHz_RB_1_74_NTNV



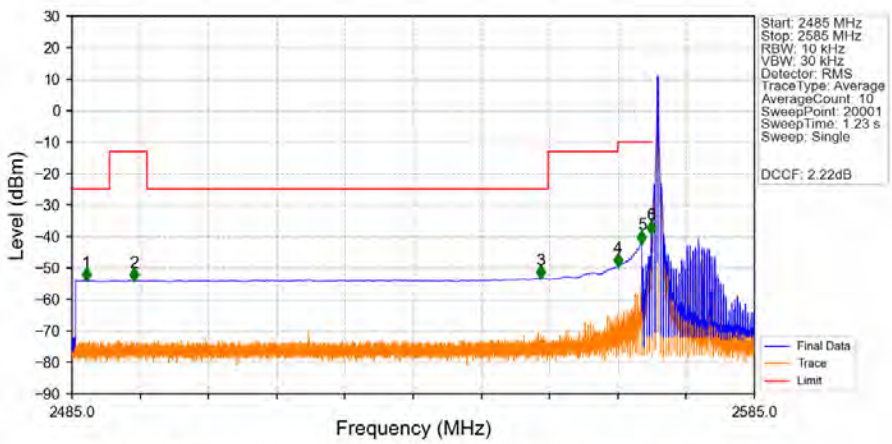
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-36.02	-10	Pass
2621	2625	1	CHP	2	2621.500	-40.04	-10	Pass
2625	2635.14	1	CHP	3	2625.040	-48.37	-13	Pass
2635.14	2640	1	CHP	4	2635.835	-52.81	-25	Pass

Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



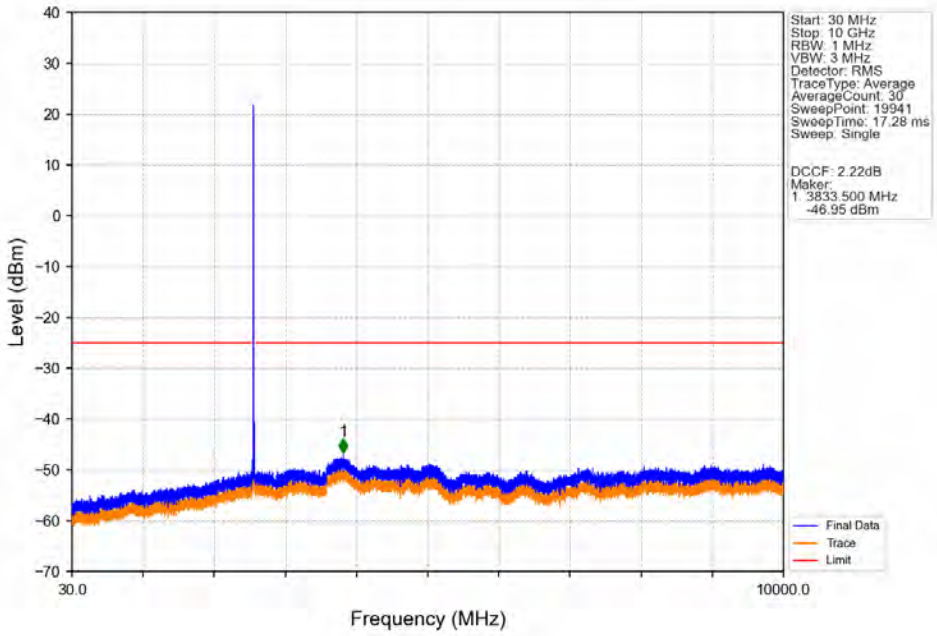
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.303	CHP	/	/	/	/	/
2620	2621	0.303	CHP	1	2620.855	-30.05	-10	Pass
2621	2625	1	CHP	2	2621.520	-27.98	-10	Pass
2625	2635.14	1	CHP	3	2625.125	-29.95	-13	Pass
2635.14	2640	1	CHP	4	2635.170	-42.04	-25	Pass

Band38_15MHz_64QAM_LCH_2577.5MHz_RB_1_0_NTNV

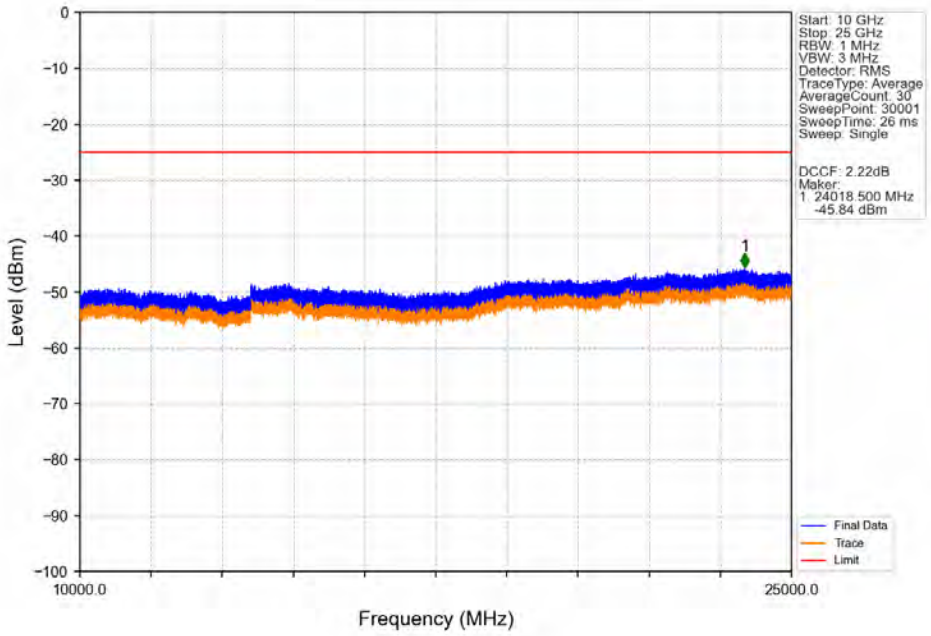


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.075	-53.99	-25	Pass
2490.5	2496	1	CHP	2	2494.070	-54.00	-13	Pass
2496	2554.763	1	CHP	3	2553.705	-53.17	-25	Pass
2554.763	2565	1	CHP	4	2564.995	-49.31	-13	Pass
2565	2569	1	CHP	5	2568.500	-42.03	-10	Pass
2569	2570	0.02	CHP	6	2569.905	-39.02	-10	Pass
2570	2585	0.02	CHP	/	/	/	/	/

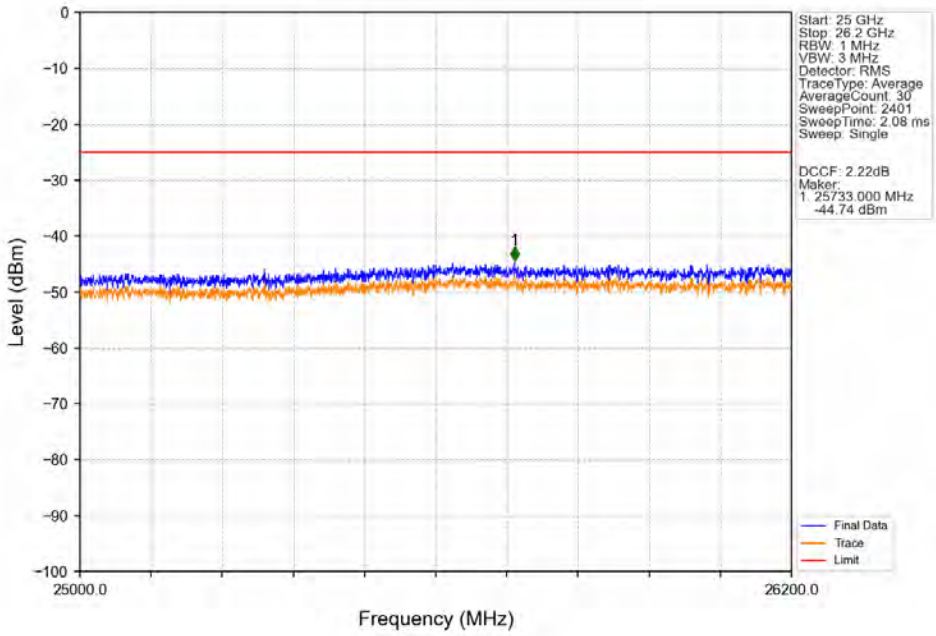
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_1_0_NTNV



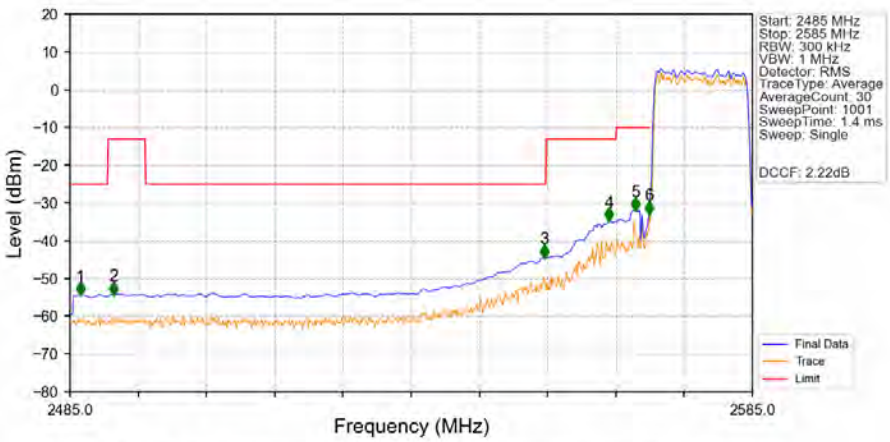
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_64QAM_LCH_2577.5MHz_RB_1_0_NTNV

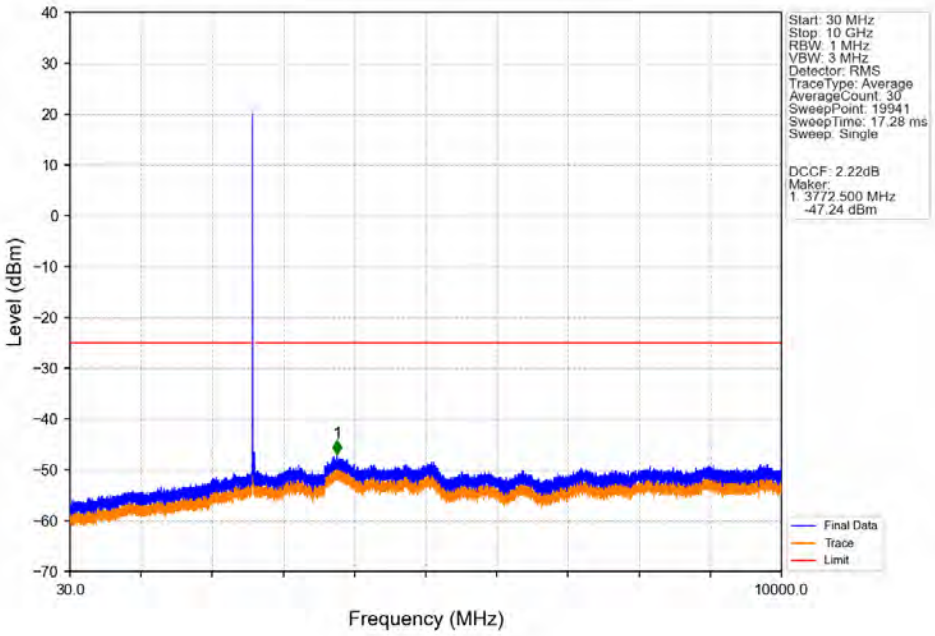


Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV

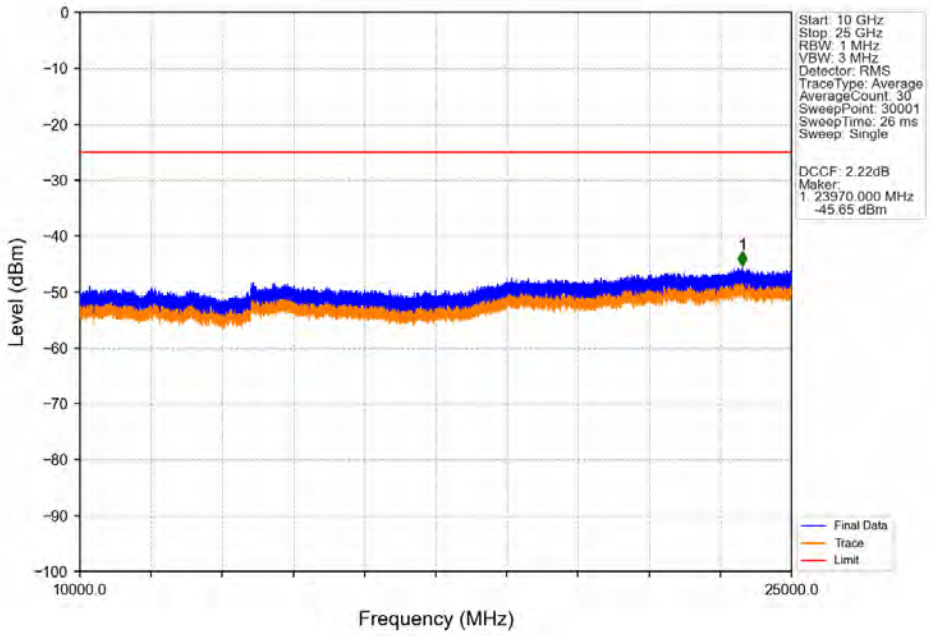


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.500	-54.19	-25	Pass
2490.5	2496	1	CHP	2	2491.400	-54.16	-13	Pass
2496	2554.763	1	CHP	3	2554.500	-44.32	-25	Pass
2554.763	2565	1	CHP	4	2564.000	-34.59	-13	Pass
2565	2569	1	CHP	5	2567.900	-31.82	-10	Pass
2569	2570	0.305	CHP	6	2569.900	-32.82	-10	Pass
2570	2585	0.305	CHP	/	/	/	/	/

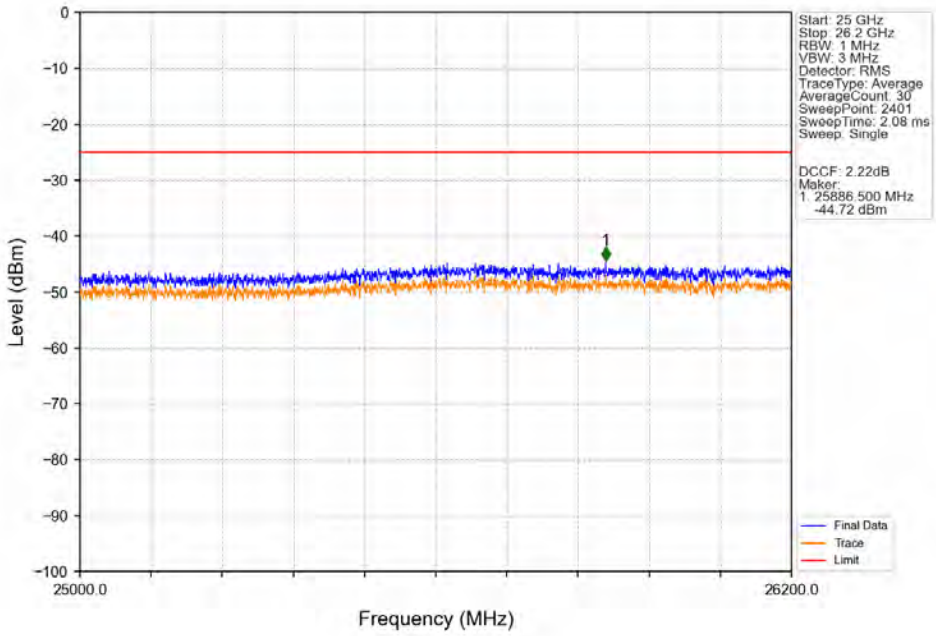
Band38_15MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



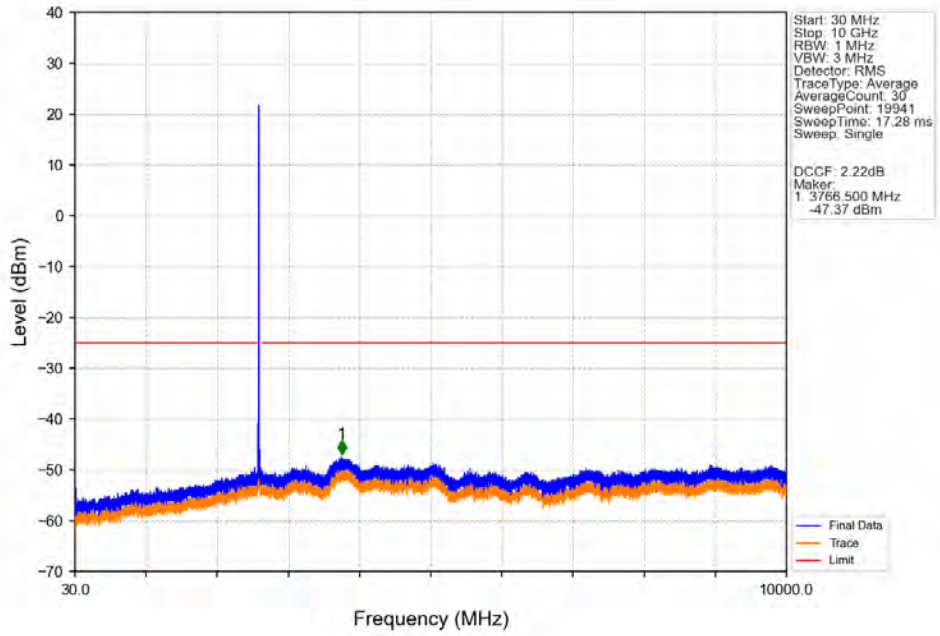
Band38_15MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



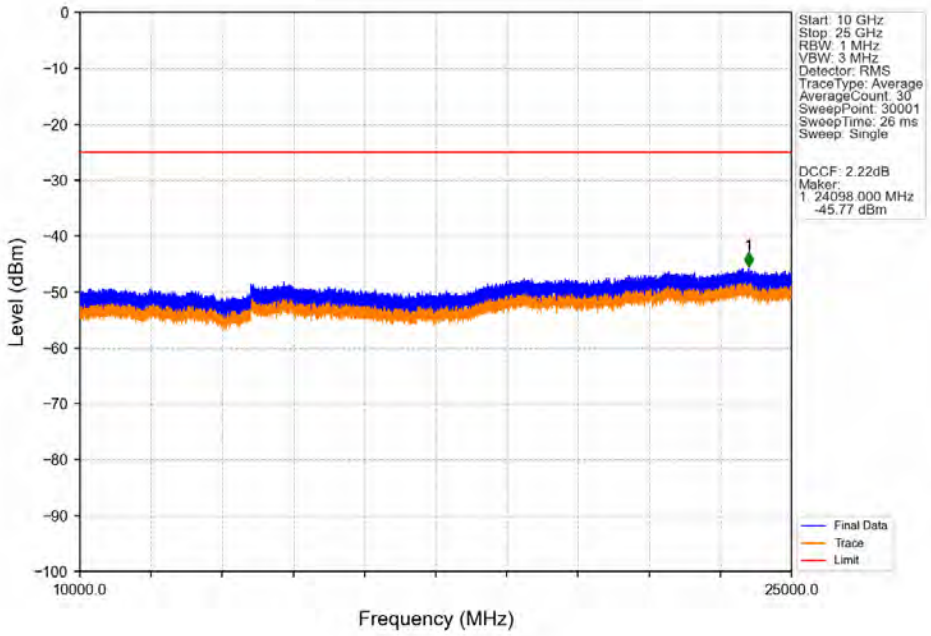
Band38_15MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



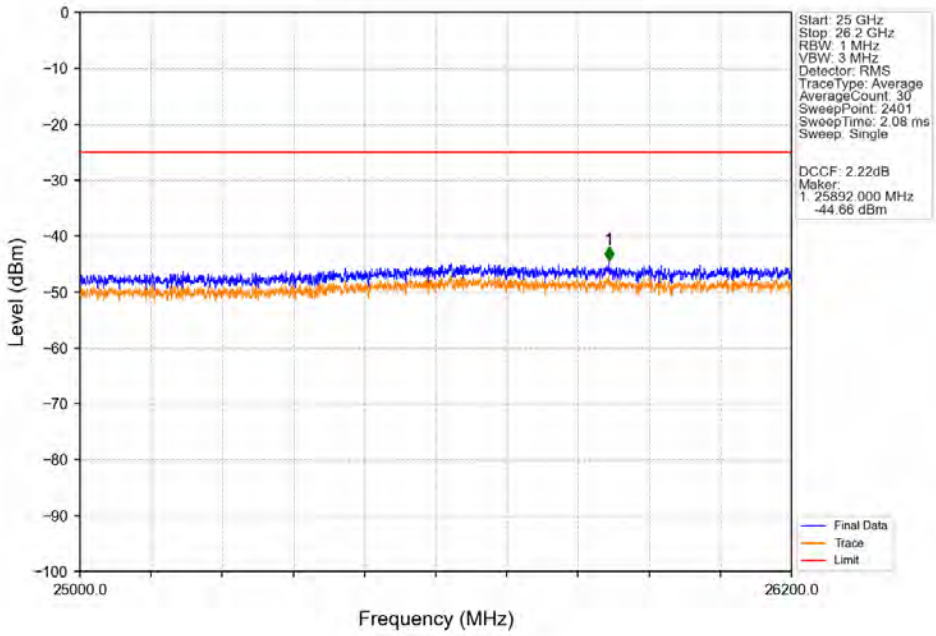
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_1_0_NTNV



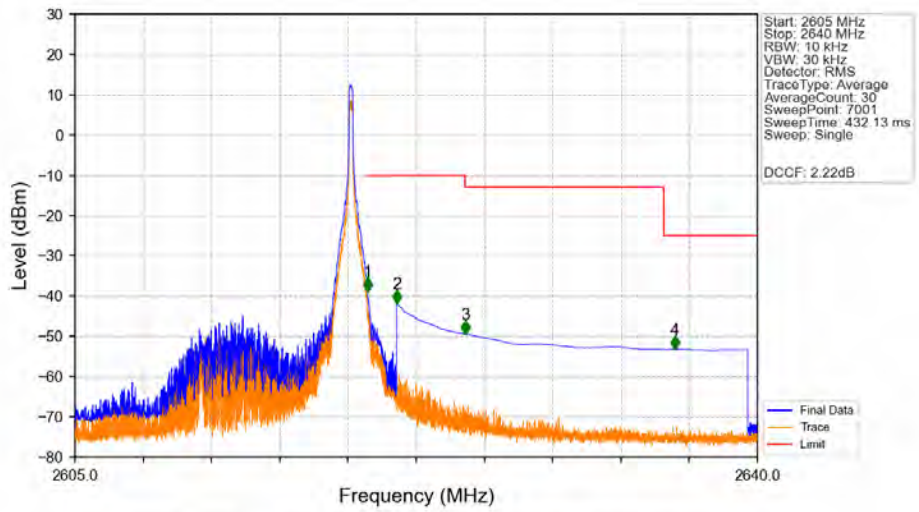
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_64QAM_HCH_2612.5MHz_RB_1_0_NTNV

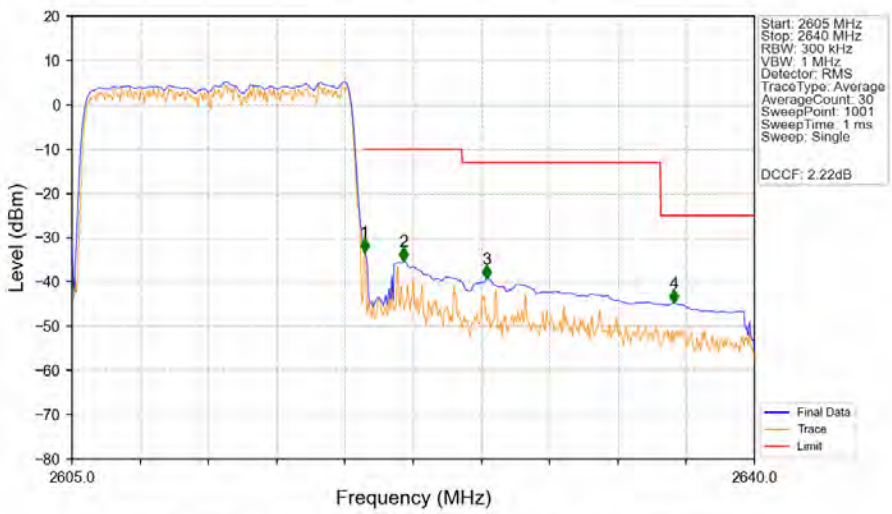


Band38_15MHz_64QAM_HCH_2612.5MHz_RB_1_74_NTNV



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	2620.005	-38.86	-10	Pass
2621	2625	1	CHP	2	2621.500	-41.90	-10	Pass
2625	2635.199	1	CHP	3	2625.015	-49.45	-13	Pass
2635.199	2640	1	CHP	4	2635.765	-53.21	-25	Pass

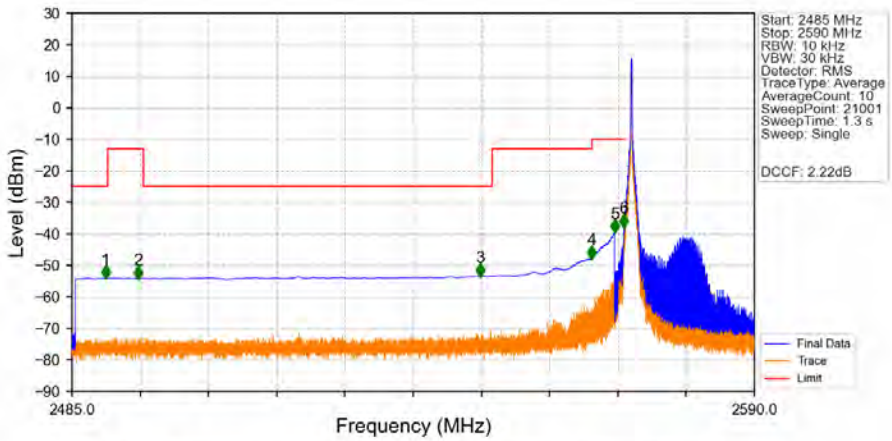
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.304	CHP	/	/	/	/	/
2620	2621	0.304	CHP	1	2620.015	-33.39	-10	Pass
2621	2625	1	CHP	2	2622.010	-35.30	-10	Pass
2625	2635.199	1	CHP	3	2626.245	-39.35	-13	Pass
2635.199	2640	1	CHP	4	2635.870	-44.76	-25	Pass

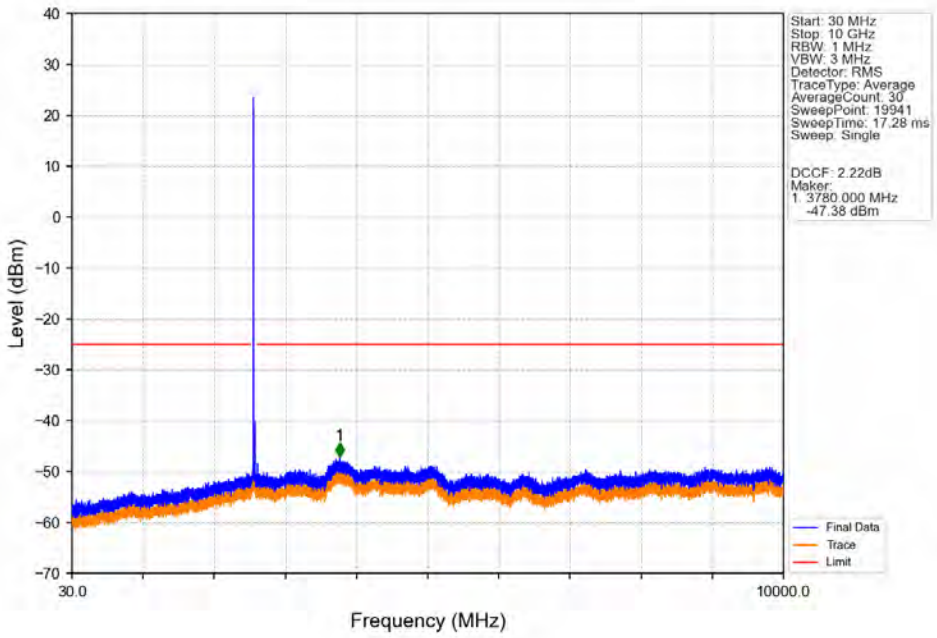
5.2.4 B38_20MHz

Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

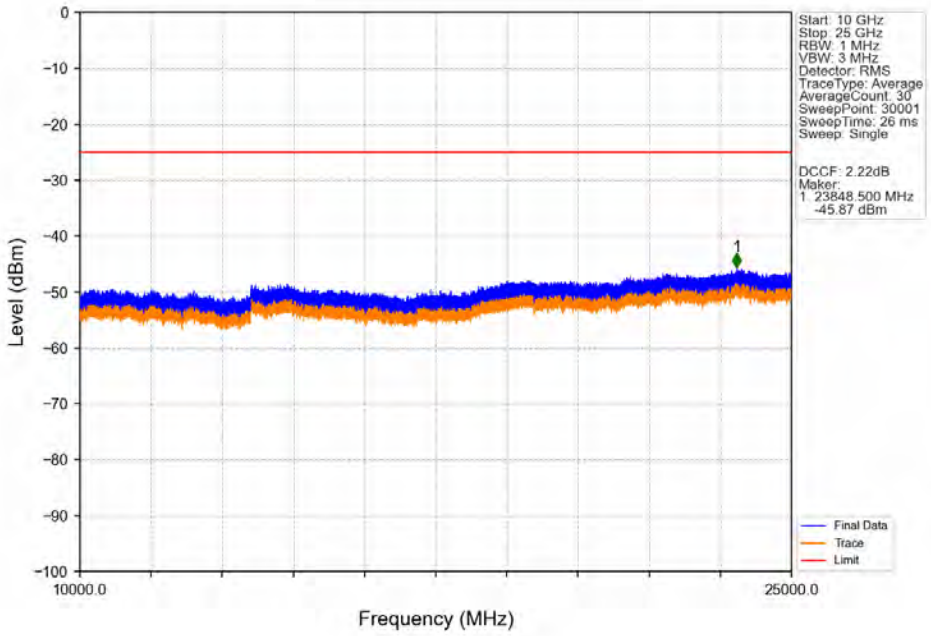


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.210	-54.03	-25	Pass
2490.5	2496	1	CHP	2	2495.155	-54.09	-13	Pass
2496	2549.641	1	CHP	3	2547.740	-53.36	-25	Pass
2549.641	2565	1	CHP	4	2564.975	-47.72	-13	Pass
2565	2569	1	CHP	5	2568.500	-39.38	-10	Pass
2569	2570	0.02	CHP	6	2569.955	-37.67	-10	Pass
2570	2590	0.02	CHP	/	/	/	/	/

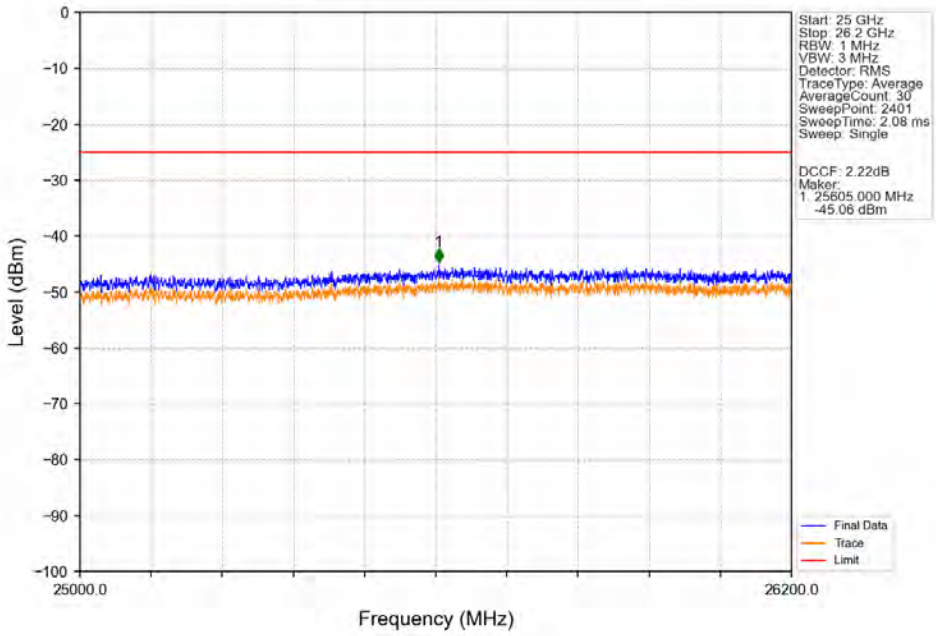
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



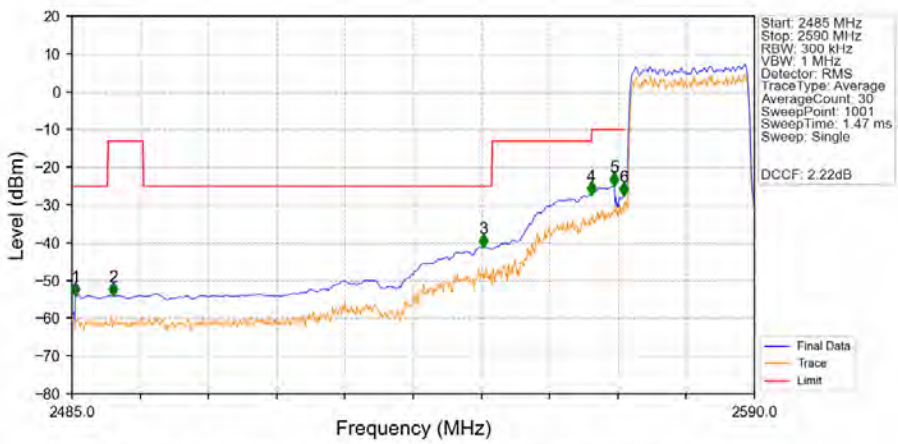
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

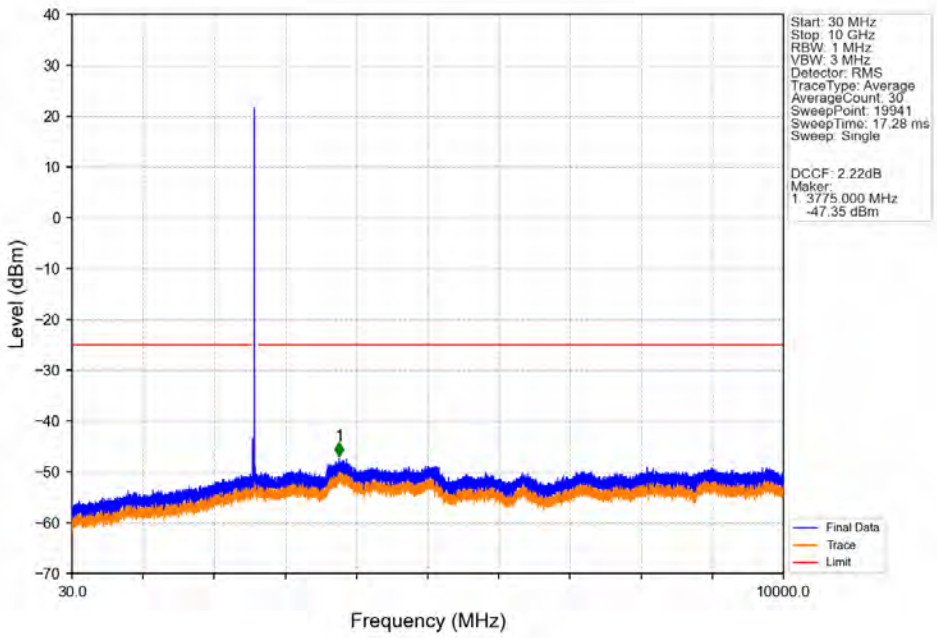


Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV

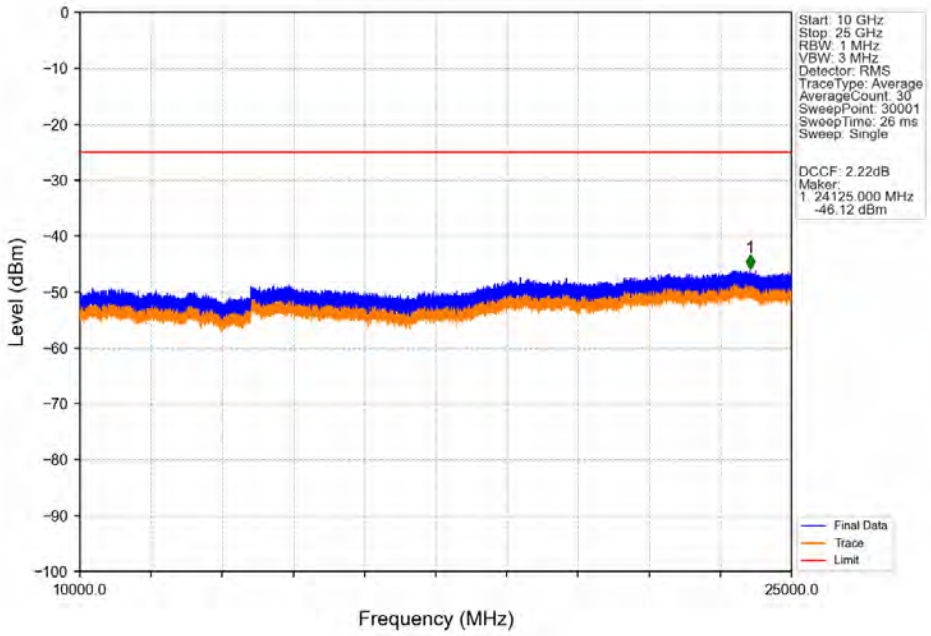


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.525	-53.79	-25	Pass
2490.5	2496	1	CHP	2	2491.300	-53.86	-13	Pass
2496	2549.641	1	CHP	3	2548.315	-41.00	-25	Pass
2549.641	2565	1	CHP	4	2564.905	-27.15	-13	Pass
2565	2569	1	CHP	5	2568.370	-24.74	-10	Pass
2569	2570	0.407	CHP	6	2569.945	-27.30	-10	Pass
2570	2590	0.407	CHP	/	/	/	/	/

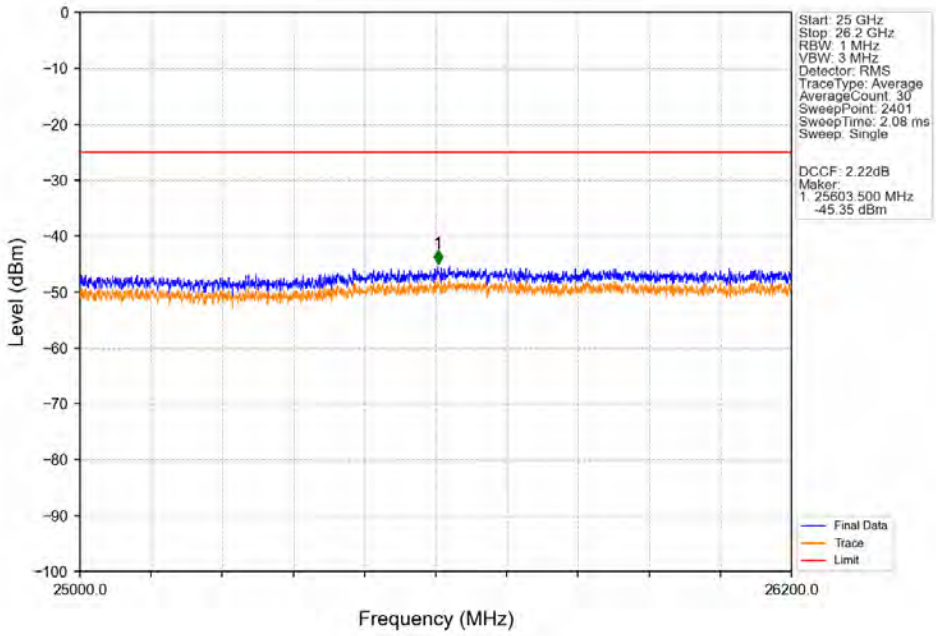
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



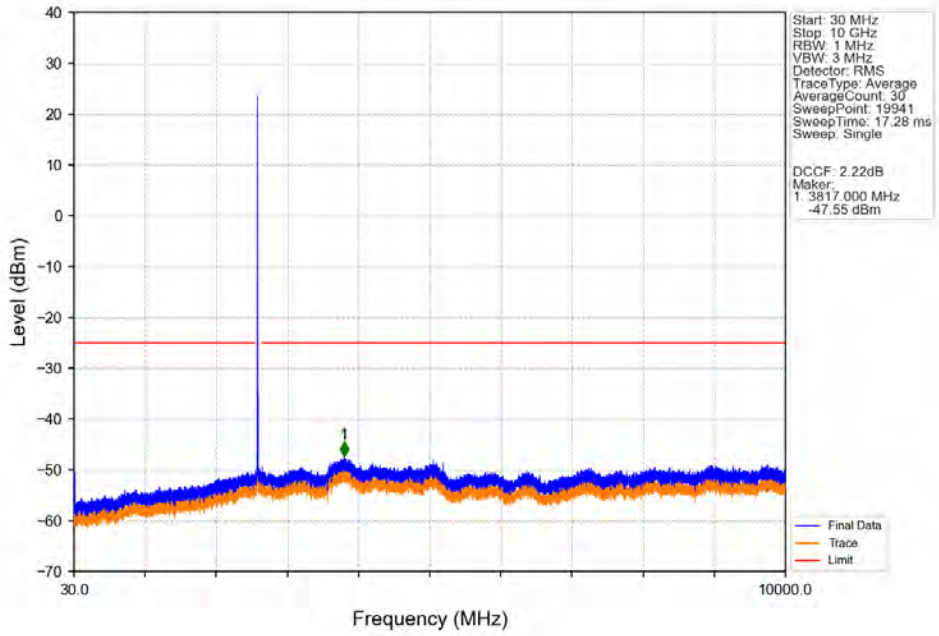
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



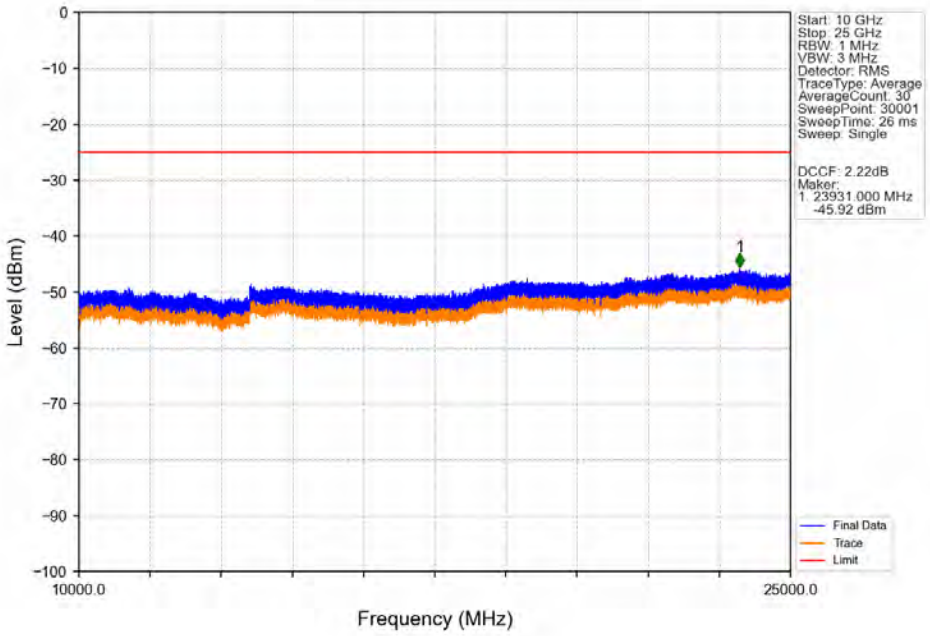
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



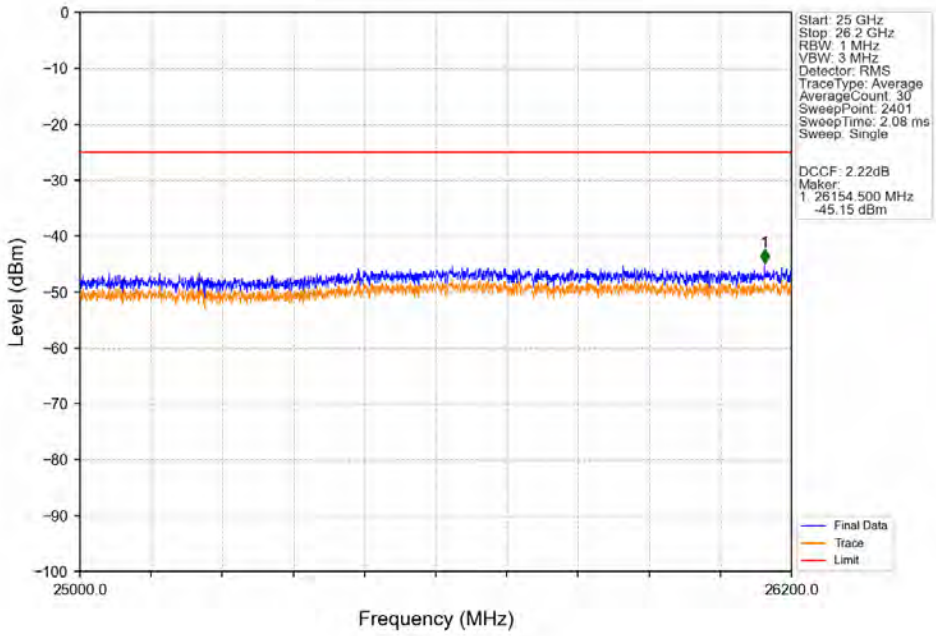
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



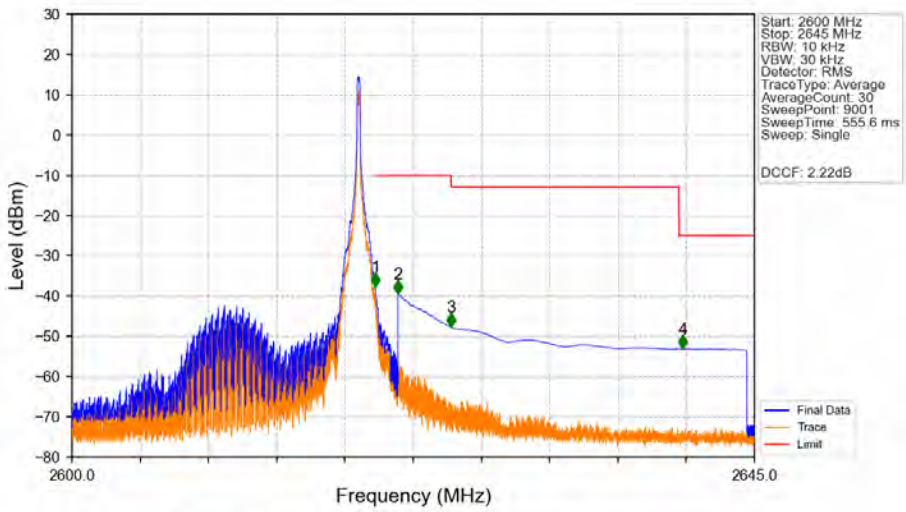
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV

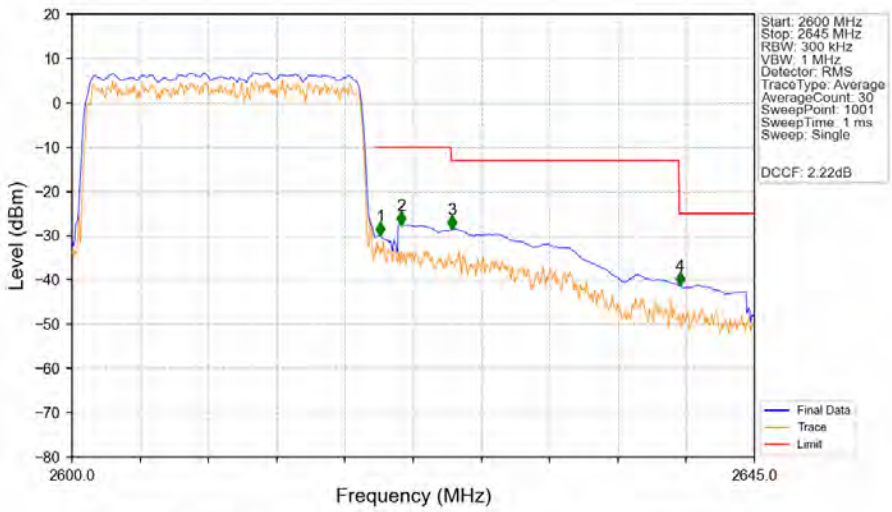


Band38_20MHz_QPSK_HCH_2610MHz_RB_1_99_NTNV



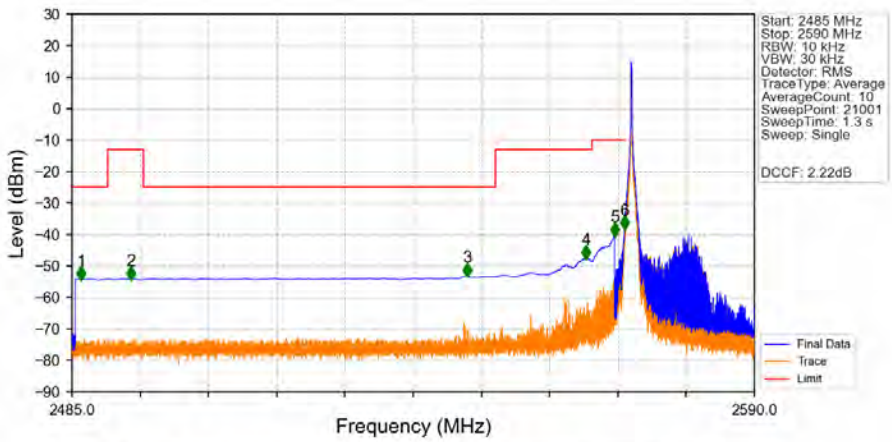
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2600	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-37.74	-10	Pass
2621	2625	1	CHP	2	2621.500	-39.50	-10	Pass
2625	2640.023	1	CHP	3	2625.005	-47.71	-13	Pass
2640.023	2645	1	CHP	4	2640.290	-53.10	-25	Pass

Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



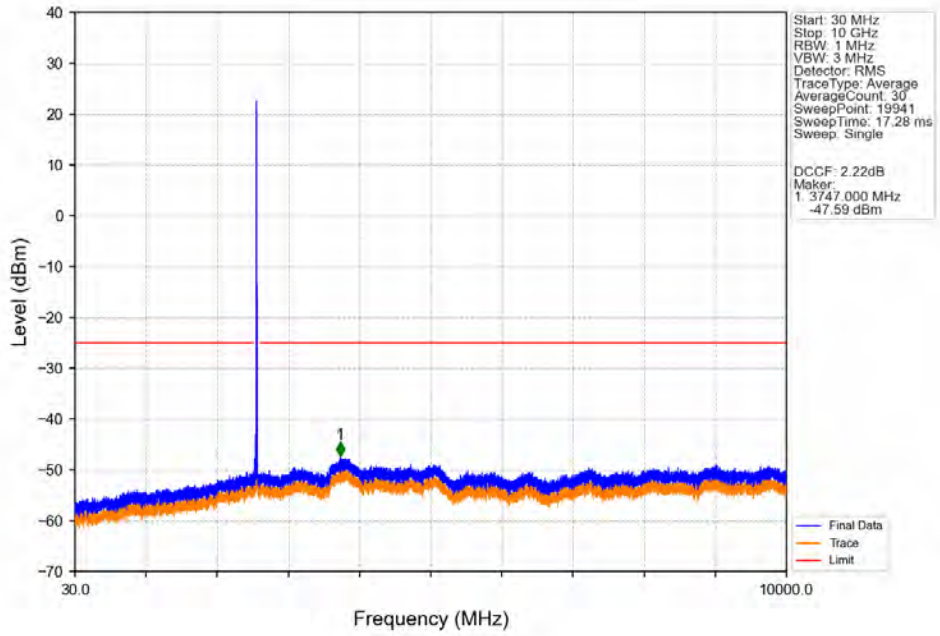
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2600	2620	0.4	CHP	/	/	/	/	/
2620	2621	0.4	CHP	1	2620.340	-29.97	-10	Pass
2621	2625	1	CHP	2	2621.690	-27.61	-10	Pass
2625	2640.023	1	CHP	3	2625.065	-28.50	-13	Pass
2640.023	2645	1	CHP	4	2640.095	-41.28	-25	Pass

Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV

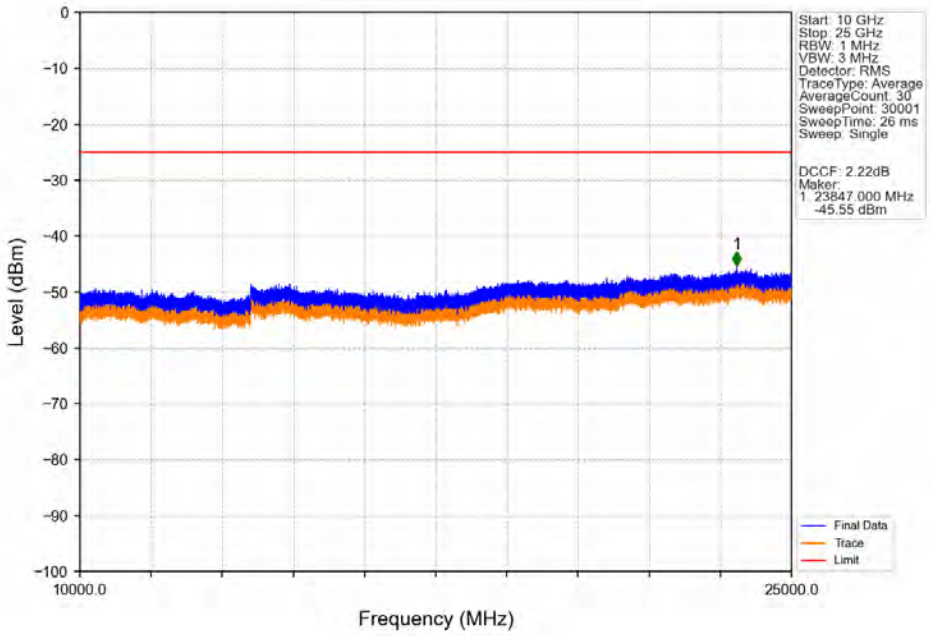


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.405	-54.20	-25	Pass
2490.5	2496	1	CHP	2	2494.025	-54.10	-13	Pass
2496	2550.143	1	CHP	3	2545.785	-53.11	-25	Pass
2550.143	2565	1	CHP	4	2564.085	-47.46	-13	Pass
2565	2569	1	CHP	5	2568.500	-40.30	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-38.11	-10	Pass
2570	2590	0.02	CHP	/	/	/	/	/

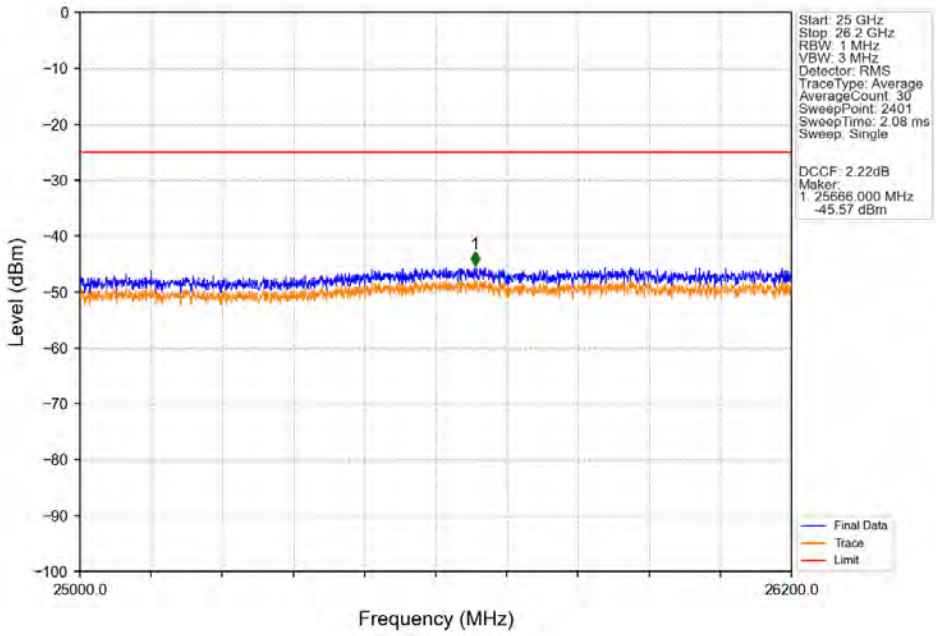
Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



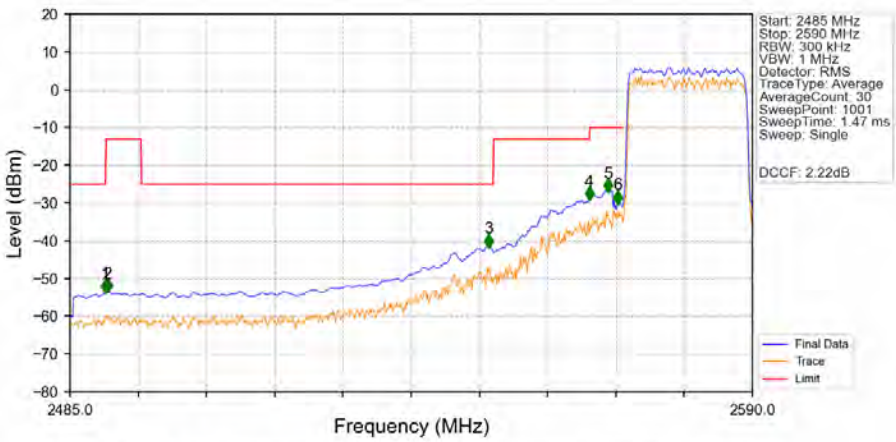
Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV



Band38_20MHz_16QAM_LCH_2580MHz_RB_1_0_NTNV

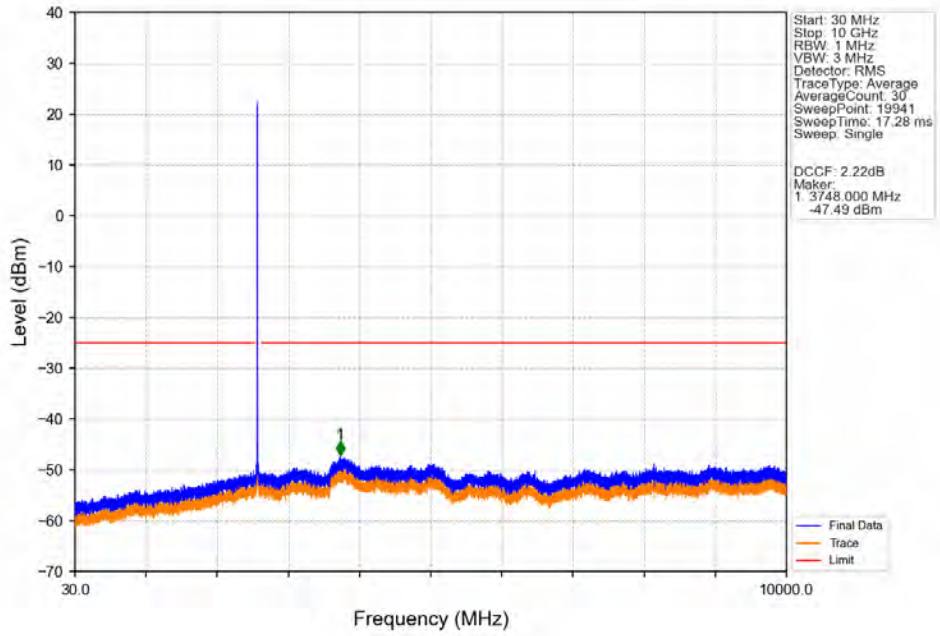


Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV

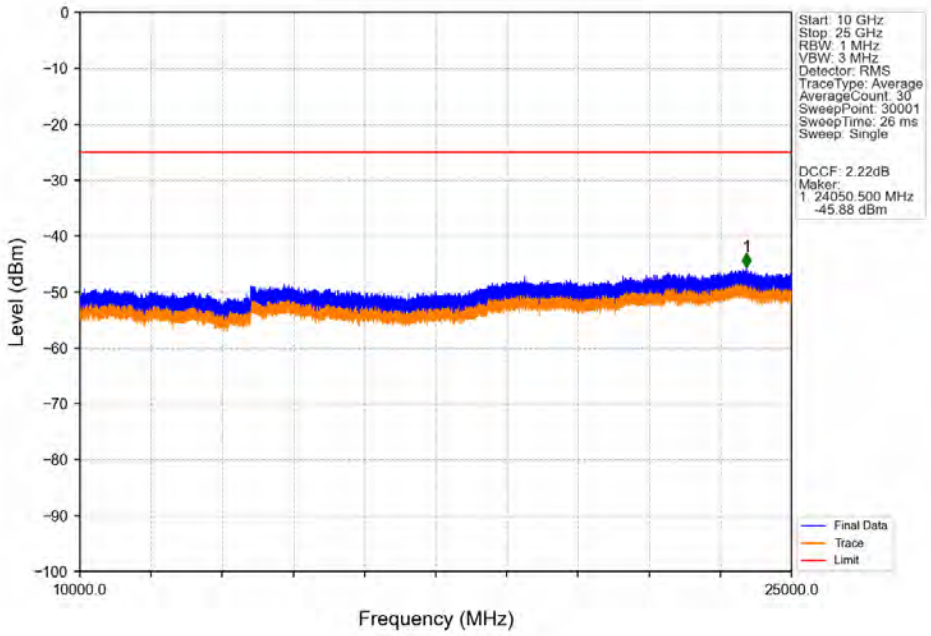


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.460	-53.59	-25	Pass
2490.5	2496	1	CHP	2	2490.775	-53.45	-13	Pass
2496	2550.143	1	CHP	3	2549.470	-41.55	-25	Pass
2550.143	2565	1	CHP	4	2564.905	-29.10	-13	Pass
2565	2569	1	CHP	5	2567.740	-26.86	-10	Pass
2569	2570	0.397	CHP	6	2569.315	-30.04	-10	Pass
2570	2590	0.397	CHP	/	/	/	/	/

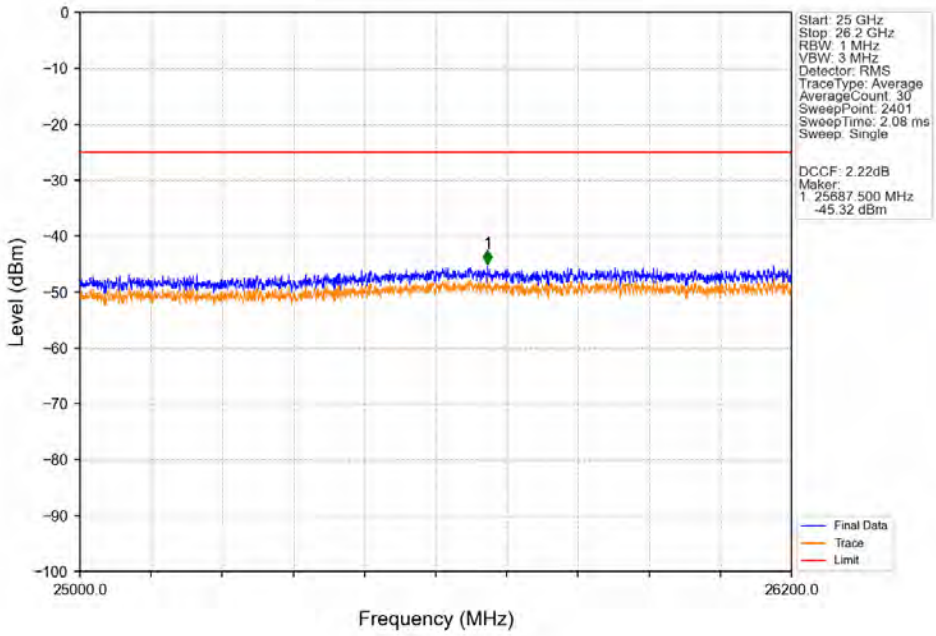
Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



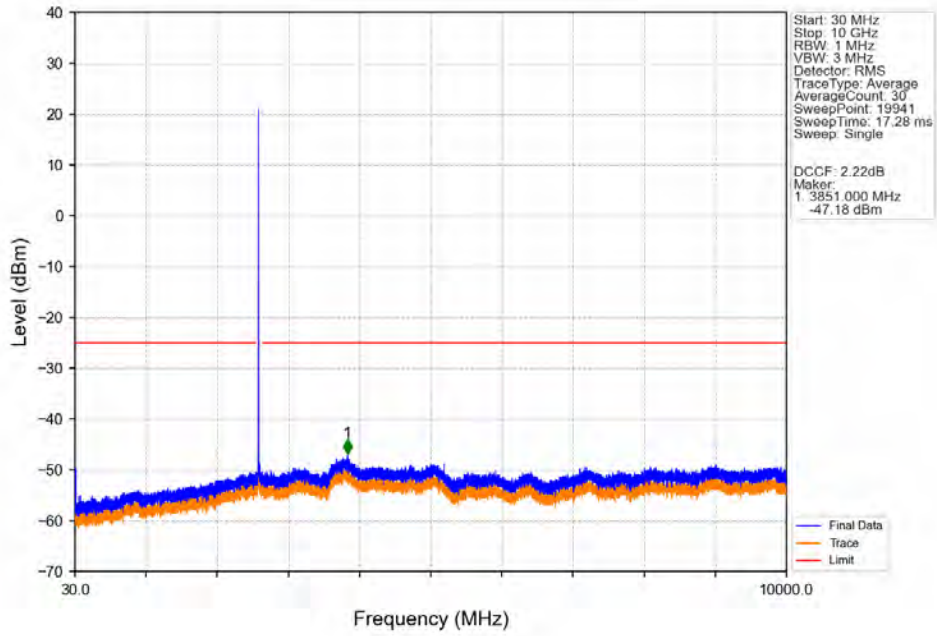
Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



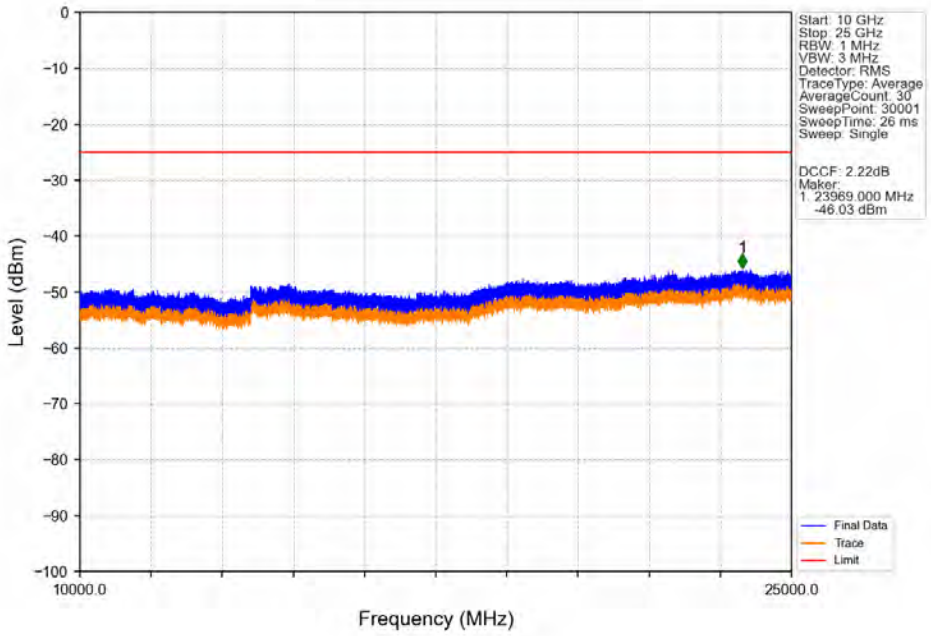
Band38_20MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



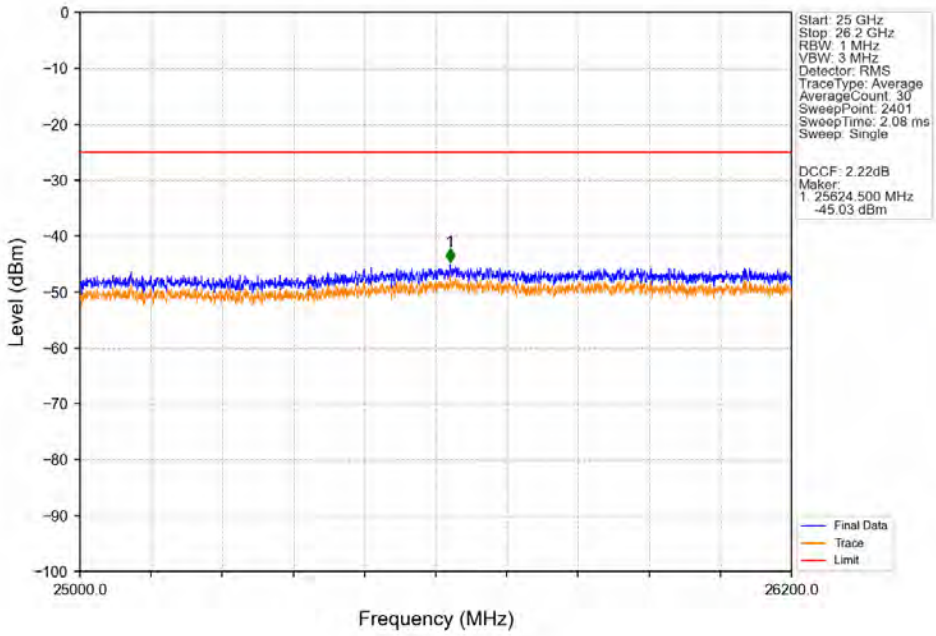
Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV



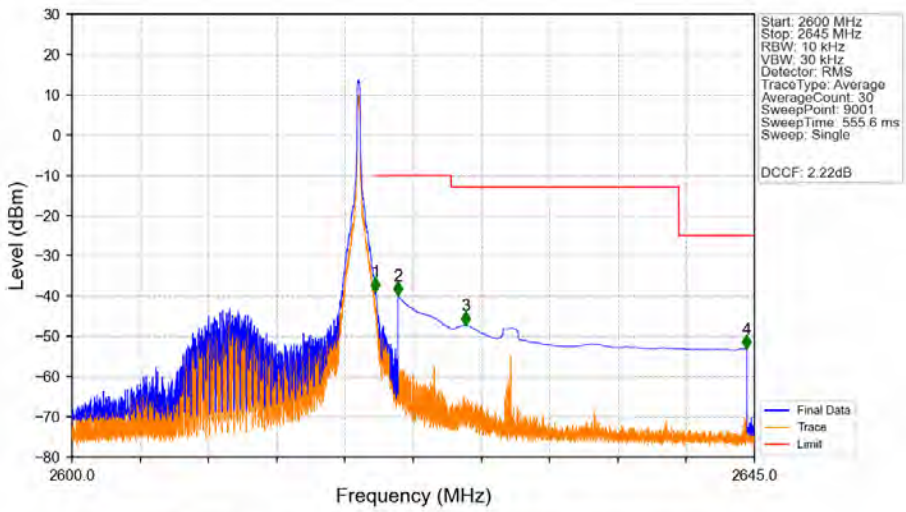
Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_1_0_NTNV

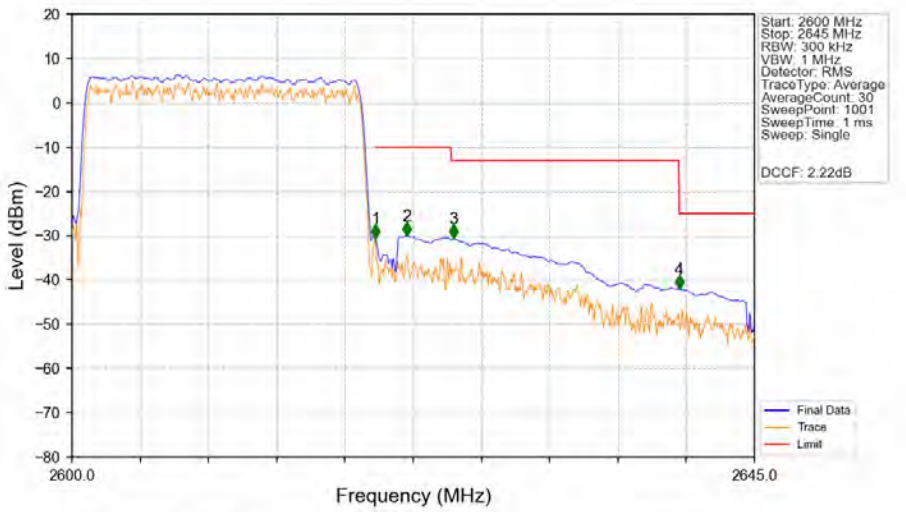


Band38_20MHz_16QAM_HCH_2610MHz_RB_1_99_NTNV



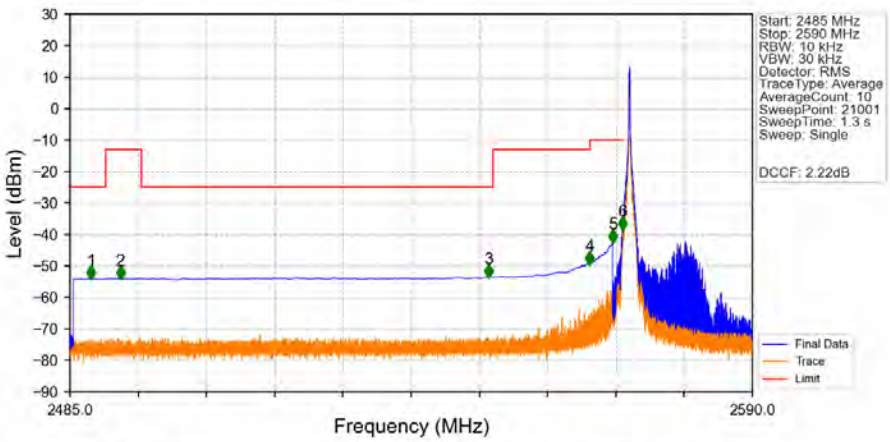
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2600	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-38.83	-10	Pass
2621	2625	1	CHP	2	2621.500	-39.81	-10	Pass
2625	2640.013	1	CHP	3	2625.945	-47.23	-13	Pass
2640.013	2645	1	CHP	4	2644.490	-53.03	-25	Pass

Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



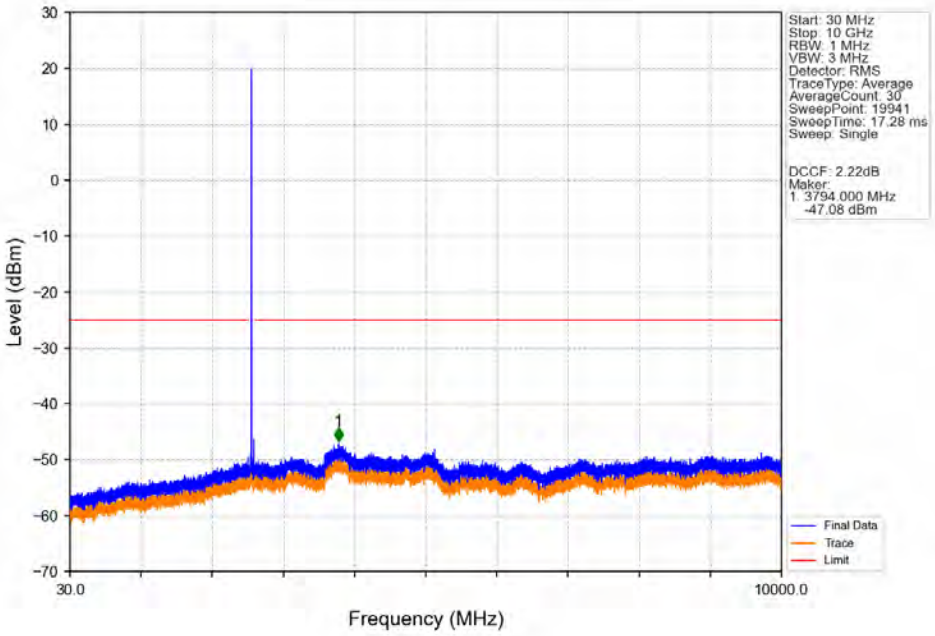
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2600	2620	0.4	CHP	/	/	/	/	/
2620	2621	0.4	CHP	1	2620.025	-30.66	-10	Pass
2621	2625	1	CHP	2	2622.095	-30.09	-10	Pass
2625	2640.013	1	CHP	3	2625.155	-30.58	-13	Pass
2640.013	2645	1	CHP	4	2640.050	-41.98	-25	Pass

Band38_20MHz_64QAM_LCH_2580MHz_RB_1_0_NTNV

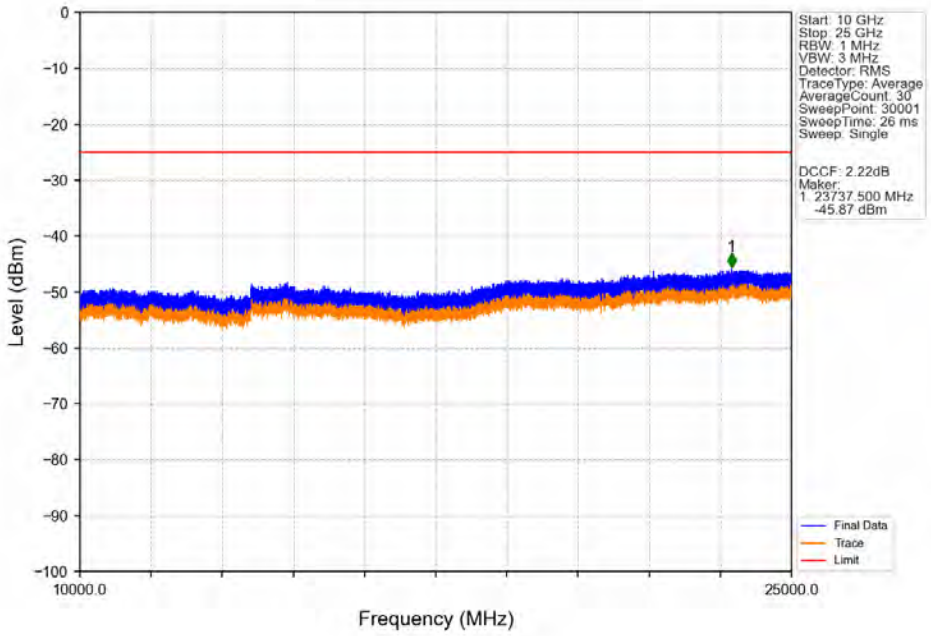


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.280	-54.02	-25	Pass
2490.5	2496	1	CHP	2	2492.765	-53.93	-13	Pass
2496	2550.078	1	CHP	3	2549.410	-53.55	-25	Pass
2550.078	2565	1	CHP	4	2564.960	-49.46	-13	Pass
2565	2569	1	CHP	5	2568.500	-42.44	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-38.26	-10	Pass
2570	2590	0.02	CHP	/	/	/	/	/

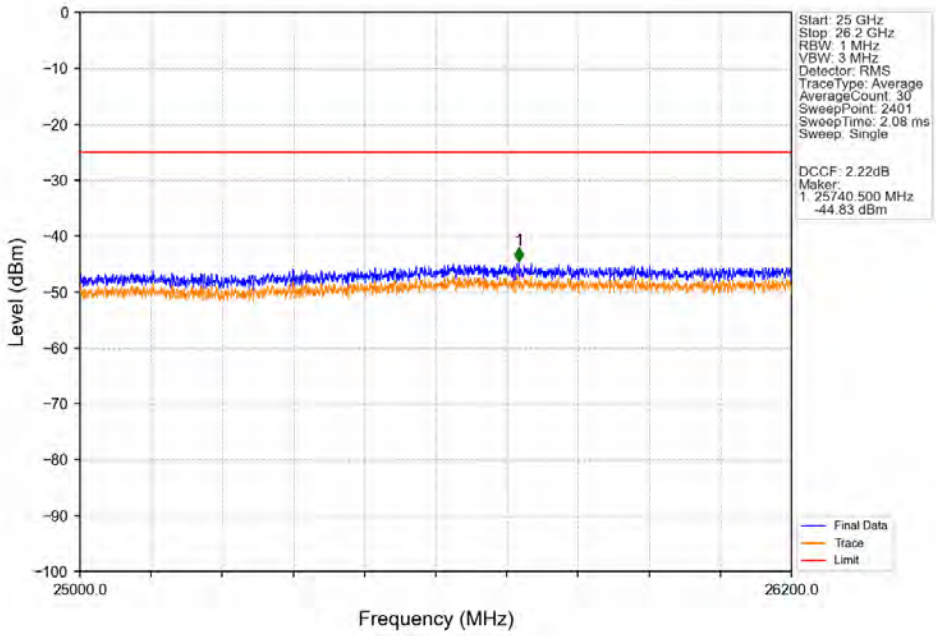
Band38_20MHz_64QAM_LCH_2580MHz_RB_1_0_NTNV



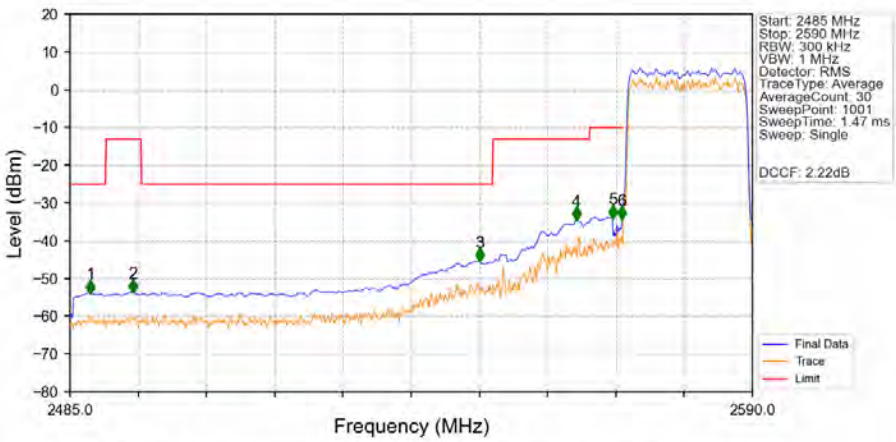
Band38_20MHz_64QAM_LCH_2580MHz_RB_1_0_NTNV



Band38_20MHz_64QAM_LCH_2580MHz_RB_1_0_NTNV

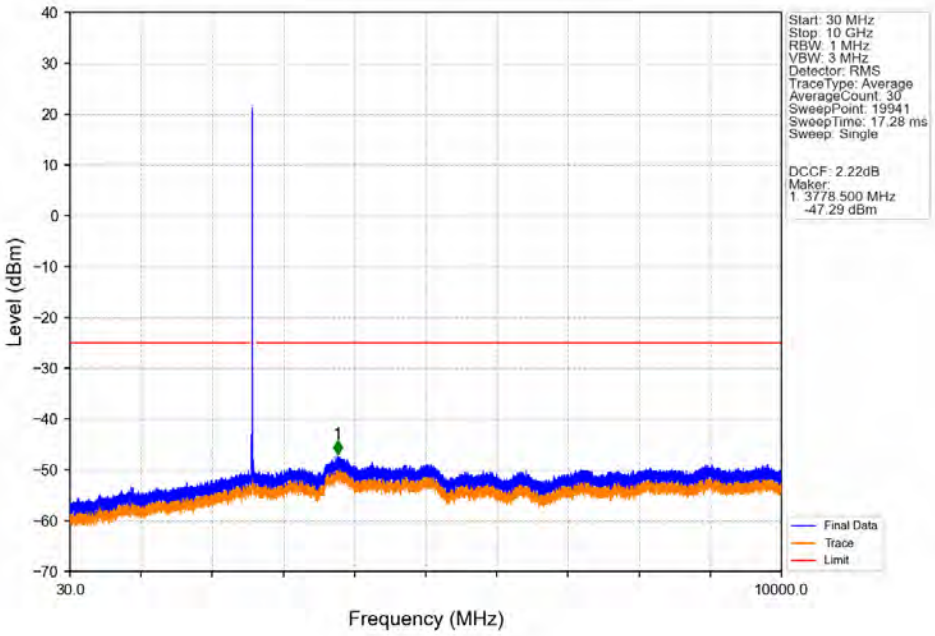


Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV

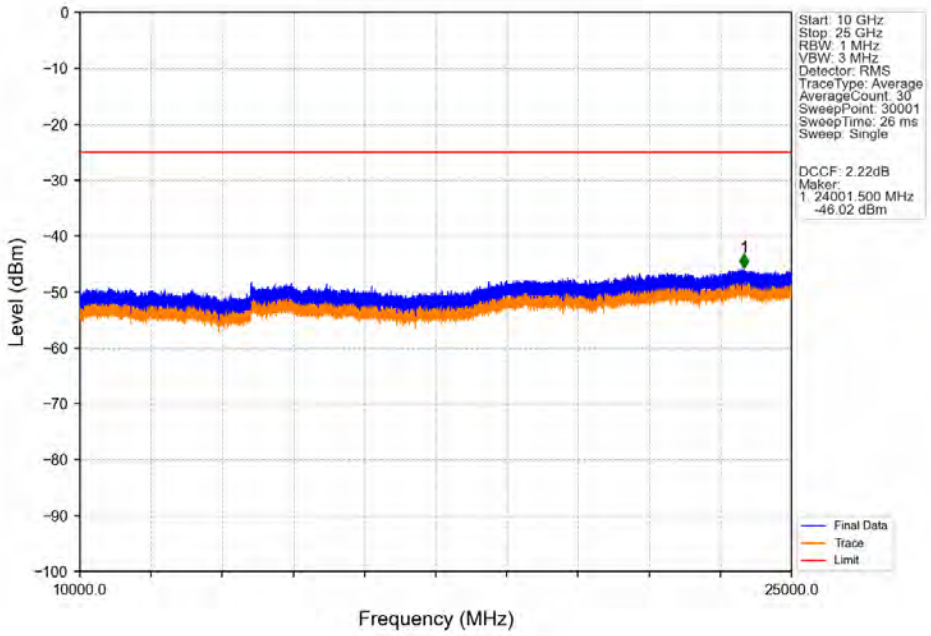


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.150	-53.70	-25	Pass
2490.5	2496	1	CHP	2	2494.660	-53.52	-13	Pass
2496	2550.078	1	CHP	3	2548.000	-45.29	-25	Pass
2550.078	2565	1	CHP	4	2562.910	-34.45	-13	Pass
2565	2569	1	CHP	5	2568.475	-33.83	-10	Pass
2569	2570	0.398	CHP	6	2569.945	-34.17	-10	Pass
2570	2590	0.398	CHP	/	/	/	/	/

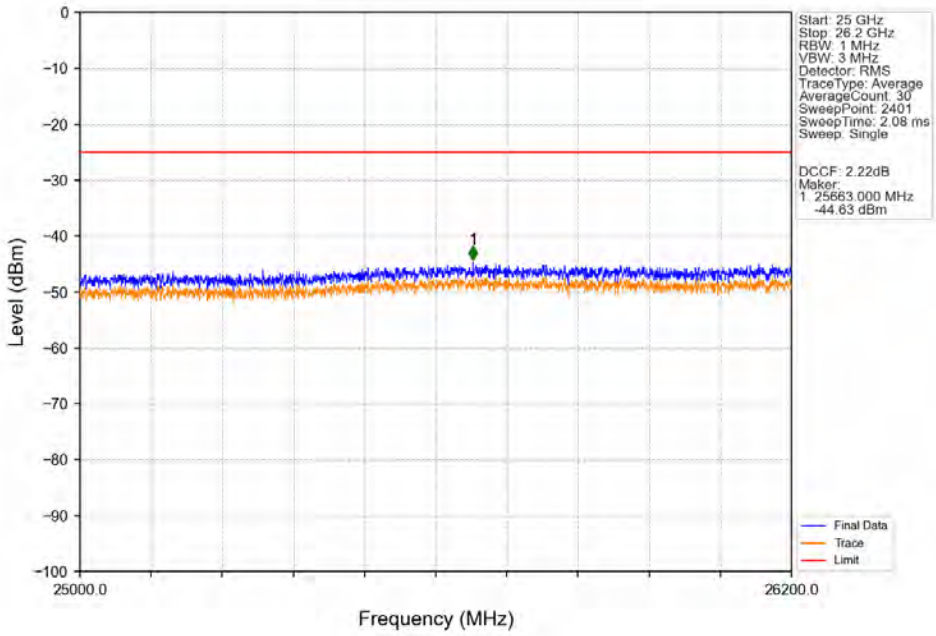
Band38_20MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



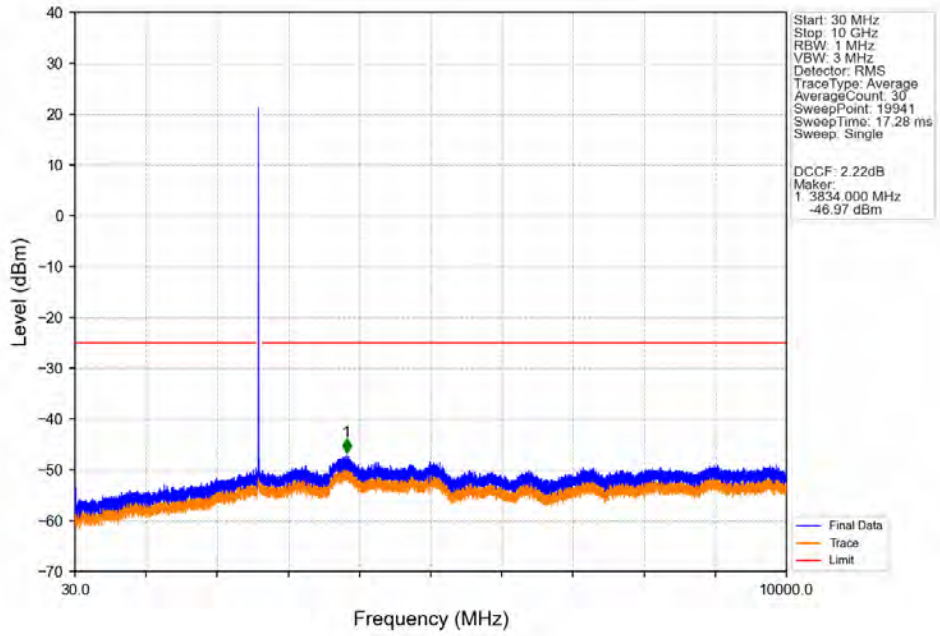
Band38_20MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



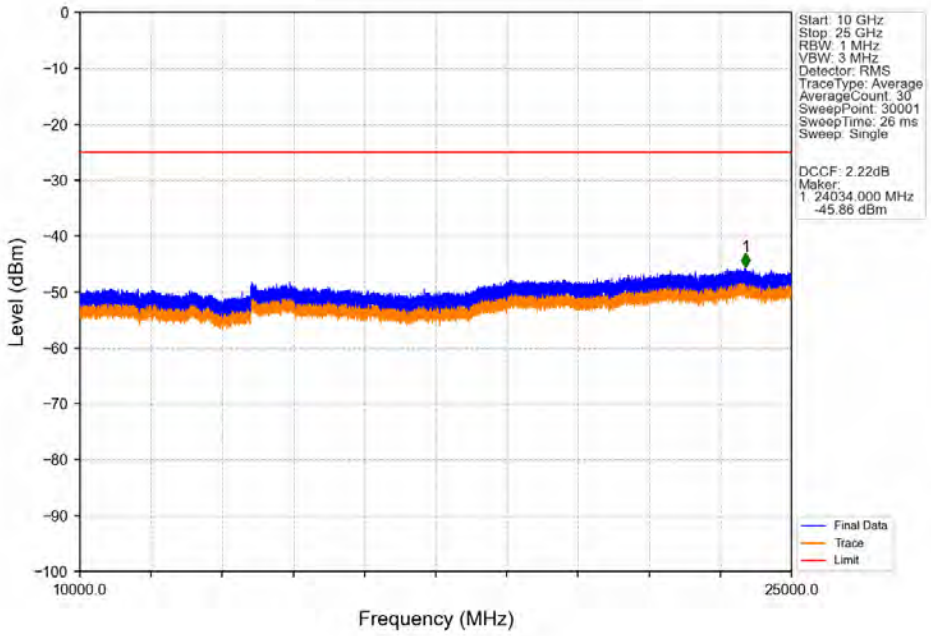
Band38_20MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



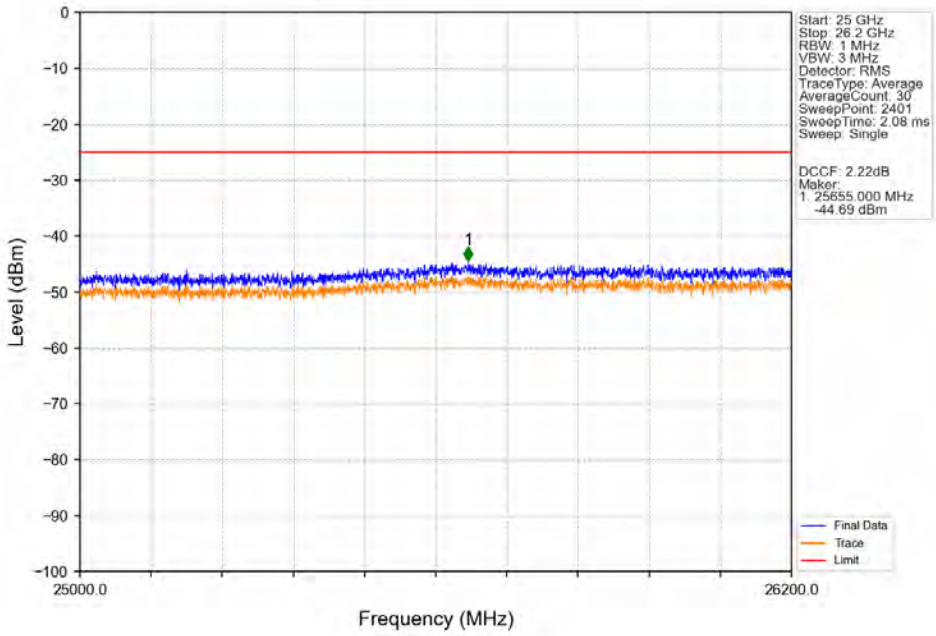
Band38_20MHz_64QAM_HCH_2610MHz_RB_1_0_NTNV



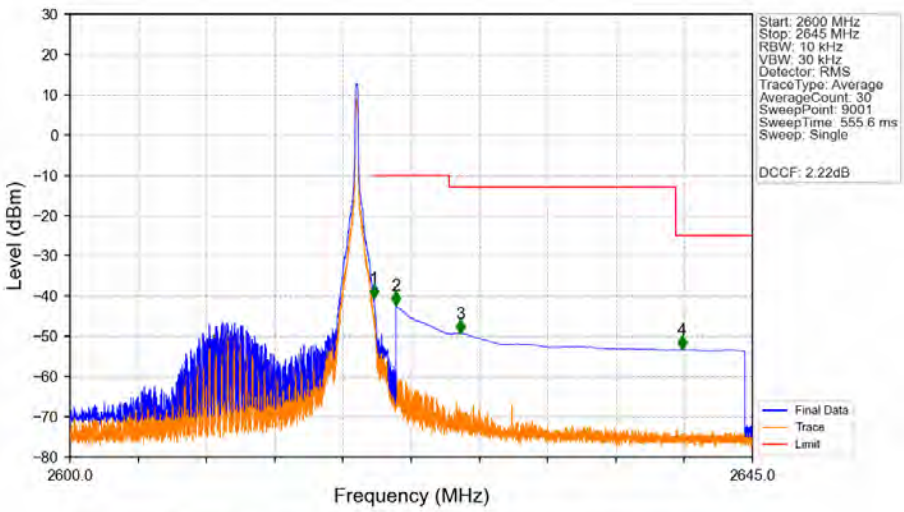
Band38_20MHz_64QAM_HCH_2610MHz_RB_1_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_1_0_NTNV

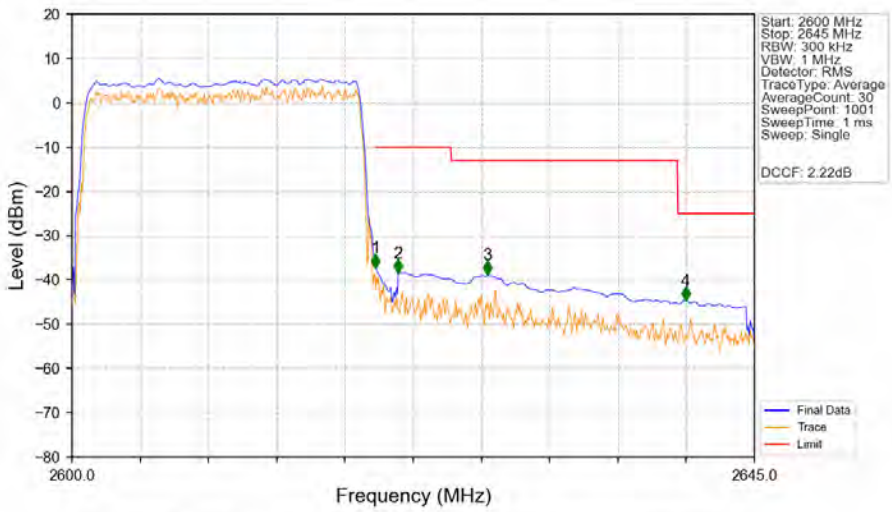


Band38_20MHz_64QAM_HCH_2610MHz_RB_1_99_NTNV



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	2620.045	-40.52	-10	Pass
2621	2625	1	CHP	2	2621.500	-42.19	-10	Pass
2625	2639.941	1	CHP	3	2625.725	-49.19	-13	Pass
2639.941	2645	1	CHP	4	2640.370	-53.33	-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	0.399	CHP	/	/	/	/	/
2620	2621	0.399	CHP	1	2620.025	-37.23	-10	Pass
2621	2625	1	CHP	2	2621.510	-38.33	-10	Pass
2625	2639.941	1	CHP	3	2627.405	-38.86	-13	Pass
2639.941	2645	1	CHP	4	2640.455	-44.61	-25	Pass

6. Field Strength of Spurious Radiation

LTE Band 38 ANT5-Low channel, Modulation: QPSK, Bandwidth:20MHz, 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	-62.21	-25	-37.21	-67.82	4.62	10.23	Horizontal	Pass
7713.0	-59.34	-25	-34.34	-66.37	4.96	11.99	Horizontal	Pass
10284.0	-56.58	-25	-31.58	-64.15	5.51	13.08	Horizontal	Pass
5142.0	-62.56	-25	-37.56	-68.17	4.62	10.23	Vertical	Pass
7713.0	-59.8	-25	-34.8	-66.83	4.96	11.99	Vertical	Pass
10284.0	-56.57	-25	-31.57	-64.14	5.51	13.08	Vertical	Pass

LTE Band 38 ANT5-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 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	-62.29	-25	-37.29	-67.91	4.63	10.25	Horizontal	Pass
7758.0	-59.03	-25	-34.03	-66.11	4.96	12.04	Horizontal	Pass
10344.0	-56.42	-25	-31.42	-63.99	5.52	13.09	Horizontal	Pass
5172.0	-62.13	-25	-37.13	-67.75	4.63	10.25	Vertical	Pass
7758.0	-59.07	-25	-34.07	-66.15	4.96	12.04	Vertical	Pass
10344.0	-55.9	-25	-30.9	-63.47	5.52	13.09	Vertical	Pass

LTE Band 38 ANT5-High channel, Modulation: QPSK, Bandwidth:20MHz, 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	-63.48	-25	-38.48	-69.12	4.63	10.27	Horizontal	Pass
7803.0	-59.49	-25	-34.49	-66.63	4.96	12.1	Horizontal	Pass
10404.0	-56.8	-25	-31.8	-64.38	5.52	13.1	Horizontal	Pass
5202.0	-63.25	-25	-38.25	-68.89	4.63	10.27	Vertical	Pass
7803.0	-59.62	-25	-34.62	-66.76	4.96	12.1	Vertical	Pass
10404.0	-56.19	-25	-31.19	-63.77	5.52	13.1	Vertical	Pass