

LTE Band 38 Test Data
FCC ID: 2BOAQ-KXZ-006

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FCC LTE TDD Test Data

1. Effective (Isotropic) Radiated Power Output Data

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.65	-0.5	22.15	33.01	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.06	-0.5	21.56	33.01	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.06	-0.5	21.56	33.01	PASS
Band38	5MHz	QPSK	37775	12RB#0	22.66	-0.5	22.16	33.01	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.26	-0.5	21.76	33.01	PASS
Band38	5MHz	QPSK	37775	12RB#13	23.07	-0.5	22.57	33.01	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.16	-0.5	21.66	33.01	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.03	-0.5	22.53	33.01	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.98	-0.5	22.48	33.01	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.67	-0.5	22.17	33.01	PASS
Band38	5MHz	QPSK	38000	12RB#0	23.01	-0.5	22.51	33.01	PASS
Band38	5MHz	QPSK	38000	12RB#6	22.91	-0.5	22.41	33.01	PASS
Band38	5MHz	QPSK	38000	12RB#13	23.12	-0.5	22.62	33.01	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.28	-0.5	21.78	33.01	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.43	-0.5	21.93	33.01	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.22	-0.5	21.72	33.01	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.13	-0.5	22.63	33.01	PASS
Band38	5MHz	QPSK	38225	12RB#0	23.13	-0.5	22.63	33.01	PASS
Band38	5MHz	QPSK	38225	12RB#6	22.10	-0.5	21.60	33.01	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.81	-0.5	22.31	33.01	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.81	-0.5	22.31	33.01	PASS
Band38	5MHz	16QAM	37775	1RB#0	23.05	-0.5	22.55	33.01	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.64	-0.5	22.14	33.01	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.77	-0.5	22.27	33.01	PASS
Band38	5MHz	16QAM	37775	12RB#0	22.42	-0.5	21.92	33.01	PASS
Band38	5MHz	16QAM	37775	12RB#6	22.00	-0.5	21.50	33.01	PASS
Band38	5MHz	16QAM	37775	12RB#13	22.43	-0.5	21.93	33.01	PASS
Band38	5MHz	16QAM	37775	25RB#0	23.12	-0.5	22.62	33.01	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.35	-0.5	21.85	33.01	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.48	-0.5	21.98	33.01	PASS
Band38	5MHz	16QAM	38000	1RB#24	23.21	-0.5	22.71	33.01	PASS

Band38	5MHz	16QAM	38000	12RB#0	22.61	-0.5	22.11	33.01	PASS
Band38	5MHz	16QAM	38000	12RB#6	22.52	-0.5	22.02	33.01	PASS
Band38	5MHz	16QAM	38000	12RB#13	22.28	-0.5	21.78	33.01	PASS
Band38	5MHz	16QAM	38000	25RB#0	23.25	-0.5	22.75	33.01	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.01	-0.5	21.51	33.01	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.71	-0.5	22.21	33.01	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.05	-0.5	21.55	33.01	PASS
Band38	5MHz	16QAM	38225	12RB#0	22.99	-0.5	22.49	33.01	PASS
Band38	5MHz	16QAM	38225	12RB#6	22.17	-0.5	21.67	33.01	PASS
Band38	5MHz	16QAM	38225	12RB#13	22.99	-0.5	22.49	33.01	PASS
Band38	5MHz	16QAM	38225	25RB#0	22.94	-0.5	22.44	33.01	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.61	-0.5	22.11	33.01	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.69	-0.5	22.19	33.01	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.04	-0.5	22.54	33.01	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.85	-0.5	22.35	33.01	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.02	-0.5	21.52	33.01	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.24	-0.5	21.74	33.01	PASS
Band38	10MHz	QPSK	37800	50RB#0	22.55	-0.5	22.05	33.01	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.77	-0.5	22.27	33.01	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.58	-0.5	22.08	33.01	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.04	-0.5	21.54	33.01	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.24	-0.5	21.74	33.01	PASS
Band38	10MHz	QPSK	38000	25RB#12	23.29	-0.5	22.79	33.01	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.33	-0.5	21.83	33.01	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.91	-0.5	22.41	33.01	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.14	-0.5	21.64	33.01	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.14	-0.5	21.64	33.01	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.66	-0.5	22.16	33.01	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.97	-0.5	22.47	33.01	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.68	-0.5	22.18	33.01	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.08	-0.5	21.58	33.01	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.36	-0.5	21.86	33.01	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.74	-0.5	22.24	33.01	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.93	-0.5	22.43	33.01	PASS
Band38	10MHz	16QAM	37800	1RB#49	22.85	-0.5	22.35	33.01	PASS
Band38	10MHz	16QAM	37800	25RB#0	22.82	-0.5	22.32	33.01	PASS
Band38	10MHz	16QAM	37800	25RB#12	22.06	-0.5	21.56	33.01	PASS
Band38	10MHz	16QAM	37800	25RB#25	22.02	-0.5	21.52	33.01	PASS
Band38	10MHz	16QAM	37800	50RB#0	23.08	-0.5	22.58	33.01	PASS

Band38	10MHz	16QAM	38000	1RB#0	22.55	-0.5	22.05	33.01	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.68	-0.5	22.18	33.01	PASS
Band38	10MHz	16QAM	38000	1RB#49	23.23	-0.5	22.73	33.01	PASS
Band38	10MHz	16QAM	38000	25RB#0	22.33	-0.5	21.83	33.01	PASS
Band38	10MHz	16QAM	38000	25RB#12	23.13	-0.5	22.63	33.01	PASS
Band38	10MHz	16QAM	38000	25RB#25	22.51	-0.5	22.01	33.01	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.26	-0.5	21.76	33.01	PASS
Band38	10MHz	16QAM	38200	1RB#0	23.23	-0.5	22.73	33.01	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.53	-0.5	22.03	33.01	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.37	-0.5	21.87	33.01	PASS
Band38	10MHz	16QAM	38200	25RB#0	22.34	-0.5	21.84	33.01	PASS
Band38	10MHz	16QAM	38200	25RB#12	22.54	-0.5	22.04	33.01	PASS
Band38	10MHz	16QAM	38200	25RB#25	22.54	-0.5	22.04	33.01	PASS
Band38	10MHz	16QAM	38200	50RB#0	22.31	-0.5	21.81	33.01	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.61	-0.5	22.11	33.01	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.98	-0.5	22.48	33.01	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.86	-0.5	22.36	33.01	PASS
Band38	15MHz	QPSK	37825	38RB#0	22.07	-0.5	21.57	33.01	PASS
Band38	15MHz	QPSK	37825	38RB#18	22.03	-0.5	21.53	33.01	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.43	-0.5	21.93	33.01	PASS
Band38	15MHz	QPSK	37825	75RB#0	22.86	-0.5	22.36	33.01	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.49	-0.5	21.99	33.01	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.59	-0.5	22.09	33.01	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.28	-0.5	22.78	33.01	PASS
Band38	15MHz	QPSK	38000	38RB#0	22.85	-0.5	22.35	33.01	PASS
Band38	15MHz	QPSK	38000	38RB#18	22.20	-0.5	21.70	33.01	PASS
Band38	15MHz	QPSK	38000	38RB#37	23.00	-0.5	22.50	33.01	PASS
Band38	15MHz	QPSK	38000	75RB#0	22.79	-0.5	22.29	33.01	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.18	-0.5	21.68	33.01	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.95	-0.5	22.45	33.01	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.73	-0.5	22.23	33.01	PASS
Band38	15MHz	QPSK	38175	38RB#0	22.90	-0.5	22.40	33.01	PASS
Band38	15MHz	QPSK	38175	38RB#18	22.73	-0.5	22.23	33.01	PASS
Band38	15MHz	QPSK	38175	38RB#37	23.20	-0.5	22.70	33.01	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.70	-0.5	22.20	33.01	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.89	-0.5	22.39	33.01	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.49	-0.5	21.99	33.01	PASS
Band38	15MHz	16QAM	37825	1RB#74	23.00	-0.5	22.50	33.01	PASS
Band38	15MHz	16QAM	37825	38RB#0	22.66	-0.5	22.16	33.01	PASS

Band38	15MHz	16QAM	37825	38RB#18	23.09	-0.5	22.59	33.01	PASS
Band38	15MHz	16QAM	37825	38RB#37	22.95	-0.5	22.45	33.01	PASS
Band38	15MHz	16QAM	37825	75RB#0	22.22	-0.5	21.72	33.01	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.15	-0.5	21.65	33.01	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.44	-0.5	21.94	33.01	PASS
Band38	15MHz	16QAM	38000	1RB#74	23.12	-0.5	22.62	33.01	PASS
Band38	15MHz	16QAM	38000	38RB#0	22.98	-0.5	22.48	33.01	PASS
Band38	15MHz	16QAM	38000	38RB#18	22.08	-0.5	21.58	33.01	PASS
Band38	15MHz	16QAM	38000	38RB#37	22.59	-0.5	22.09	33.01	PASS
Band38	15MHz	16QAM	38000	75RB#0	23.27	-0.5	22.77	33.01	PASS
Band38	15MHz	16QAM	38175	1RB#0	22.40	-0.5	21.90	33.01	PASS
Band38	15MHz	16QAM	38175	1RB#38	23.27	-0.5	22.77	33.01	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.43	-0.5	21.93	33.01	PASS
Band38	15MHz	16QAM	38175	38RB#0	22.58	-0.5	22.08	33.01	PASS
Band38	15MHz	16QAM	38175	38RB#18	22.76	-0.5	22.26	33.01	PASS
Band38	15MHz	16QAM	38175	38RB#37	23.23	-0.5	22.73	33.01	PASS
Band38	15MHz	16QAM	38175	75RB#0	23.02	-0.5	22.52	33.01	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.11	-0.5	21.61	33.01	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.57	-0.5	22.07	33.01	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.29	-0.5	21.79	33.01	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.85	-0.5	22.35	33.01	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.22	-0.5	21.72	33.01	PASS
Band38	20MHz	QPSK	37850	50RB#50	23.29	-0.5	22.79	33.01	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.16	-0.5	22.66	33.01	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.74	-0.5	23.24	33.01	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.28	-0.5	22.78	33.01	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.94	-0.5	22.44	33.01	PASS
Band38	20MHz	QPSK	38000	50RB#0	23.11	-0.5	22.61	33.01	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.19	-0.5	21.69	33.01	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.38	-0.5	21.88	33.01	PASS
Band38	20MHz	QPSK	38000	100RB#0	23.22	-0.5	22.72	33.01	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.55	-0.5	22.05	33.01	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.06	-0.5	21.56	33.01	PASS
Band38	20MHz	QPSK	38150	1RB#99	22.12	-0.5	21.62	33.01	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.02	-0.5	21.52	33.01	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.62	-0.5	22.12	33.01	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.82	-0.5	22.32	33.01	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.97	-0.5	22.47	33.01	PASS
Band38	20MHz	16QAM	37850	1RB#0	22.45	-0.5	21.95	33.01	PASS

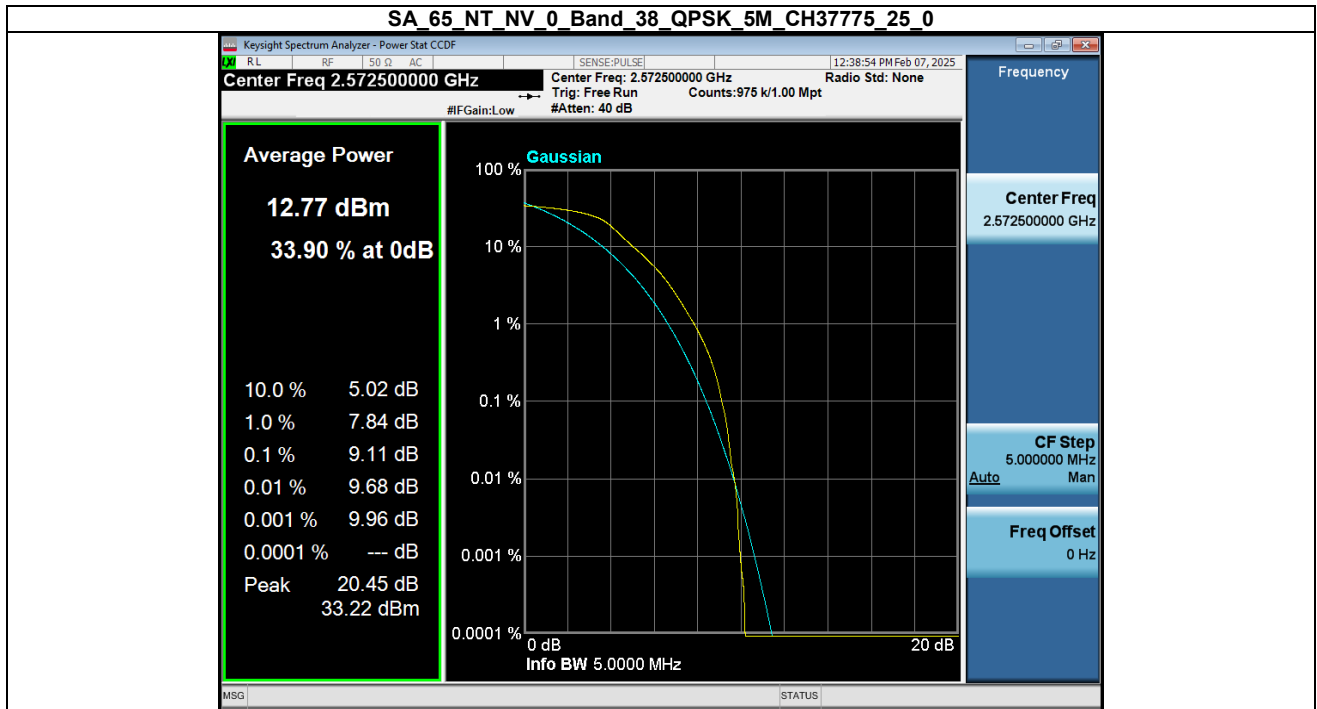
Band38	20MHz	16QAM	37850	1RB#49	23.12	-0.5	22.62	33.01	PASS
Band38	20MHz	16QAM	37850	1RB#99	22.04	-0.5	21.54	33.01	PASS
Band38	20MHz	16QAM	37850	50RB#0	22.52	-0.5	22.02	33.01	PASS
Band38	20MHz	16QAM	37850	50RB#25	22.24	-0.5	21.74	33.01	PASS
Band38	20MHz	16QAM	37850	50RB#50	22.22	-0.5	21.72	33.01	PASS
Band38	20MHz	16QAM	37850	100RB#0	23.06	-0.5	22.56	33.01	PASS
Band38	20MHz	16QAM	38000	1RB#0	23.42	-0.5	22.92	33.01	PASS
Band38	20MHz	16QAM	38000	1RB#49	22.02	-0.5	21.52	33.01	PASS
Band38	20MHz	16QAM	38000	1RB#99	22.08	-0.5	21.58	33.01	PASS
Band38	20MHz	16QAM	38000	50RB#0	22.54	-0.5	22.04	33.01	PASS
Band38	20MHz	16QAM	38000	50RB#25	22.90	-0.5	22.40	33.01	PASS
Band38	20MHz	16QAM	38000	50RB#50	23.26	-0.5	22.76	33.01	PASS
Band38	20MHz	16QAM	38000	100RB#0	22.75	-0.5	22.25	33.01	PASS
Band38	20MHz	16QAM	38150	1RB#0	22.46	-0.5	21.96	33.01	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.50	-0.5	22.00	33.01	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.98	-0.5	22.48	33.01	PASS
Band38	20MHz	16QAM	38150	50RB#0	22.86	-0.5	22.36	33.01	PASS
Band38	20MHz	16QAM	38150	50RB#25	22.98	-0.5	22.48	33.01	PASS
Band38	20MHz	16QAM	38150	50RB#50	22.13	-0.5	21.63	33.01	PASS
Band38	20MHz	16QAM	38150	100RB#0	22.83	-0.5	22.33	33.01	PASS

EIRP = Conducted Power + ANT Gain

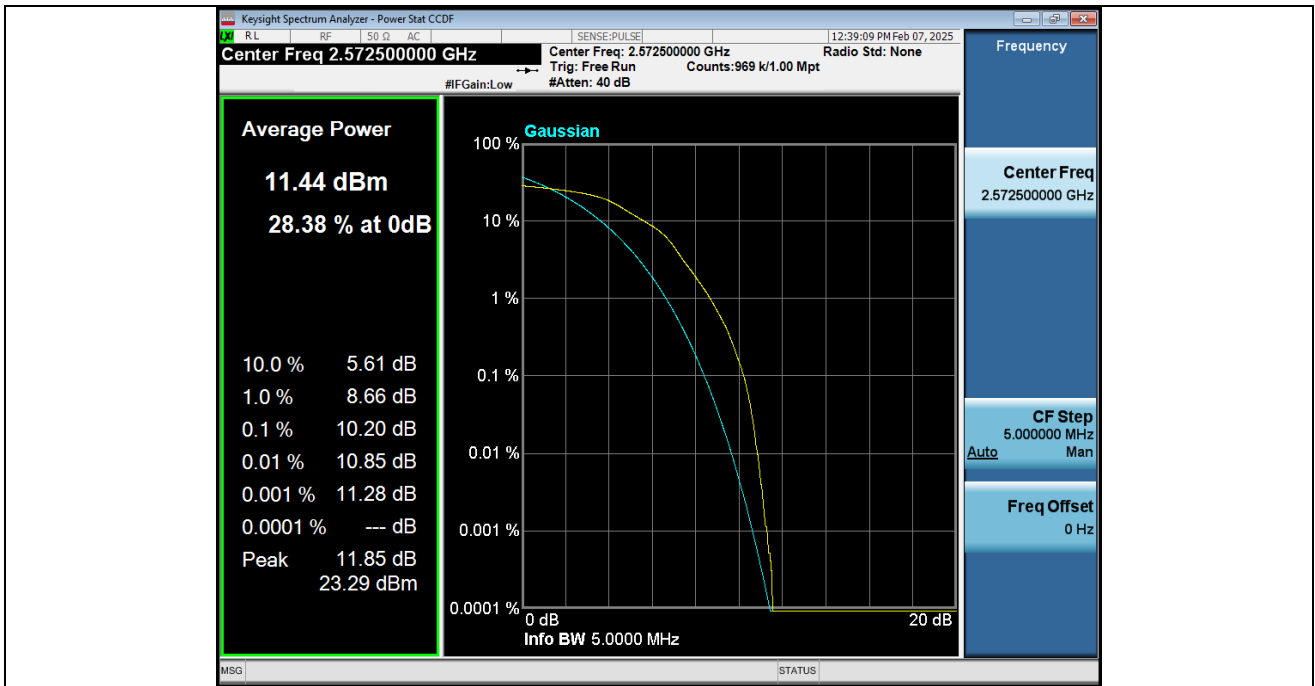
2. Peak to Average Ratio

Condition	Band	Modulation	BW(MHz)	Frequency(MHz)	RB_Size	RB_start	Peak to AVG Ratio-0.1%(dB)	Limit(dB)	Result
NV_NT	Band 38	QPSK	5M	2572.5	25	0	9.16	13.00	Pass
NV_NT	Band 38	16QAM	5M	2572.5	25	0	10.19	13.00	Pass
NV_NT	Band 38	QPSK	5M	2595.0	25	0	8.83	13.00	Pass
NV_NT	Band 38	16QAM	5M	2595.0	25	0	9.31	13.00	Pass
NV_NT	Band 38	QPSK	5M	2617.5	25	0	8.72	13.00	Pass
NV_NT	Band 38	16QAM	5M	2617.5	25	0	9.64	13.00	Pass
NV_NT	Band 38	QPSK	10M	2575.0	50	0	8.81	13.00	Pass
NV_NT	Band 38	16QAM	10M	2575.0	50	0	9.67	13.00	Pass
NV_NT	Band 38	QPSK	10M	2595.0	50	0	9.74	13.00	Pass
NV_NT	Band 38	16QAM	10M	2595.0	50	0	8.90	13.00	Pass
NV_NT	Band 38	QPSK	10M	2615.0	50	0	8.34	13.00	Pass
NV_NT	Band 38	16QAM	10M	2615.0	50	0	10.00	13.00	Pass
NV_NT	Band 38	QPSK	15M	2577.5	75	0	12.90	13.00	Pass
NV_NT	Band 38	16QAM	15M	2577.5	75	0	10.05	13.00	Pass
NV_NT	Band 38	QPSK	15M	2595.0	75	0	8.91	13.00	Pass
NV_NT	Band 38	16QAM	15M	2595.0	75	0	9.82	13.00	Pass
NV_NT	Band 38	QPSK	15M	2612.5	75	0	8.78	13.00	Pass
NV_NT	Band 38	16QAM	15M	2612.5	75	0	10.34	13.00	Pass
NV_NT	Band 38	QPSK	20M	2580.0	100	0	8.93	13.00	Pass
NV_NT	Band 38	16QAM	20M	2580.0	100	0	10.36	13.00	Pass
NV_NT	Band 38	QPSK	20M	2595.0	100	0	7.90	13.00	Pass
NV_NT	Band 38	16QAM	20M	2595.0	100	0	9.30	13.00	Pass
NV_NT	Band 38	QPSK	20M	2610.0	100	0	8.75	13.00	Pass
NV_NT	Band 38	16QAM	20M	2610.0	100	0	9.49	13.00	Pass

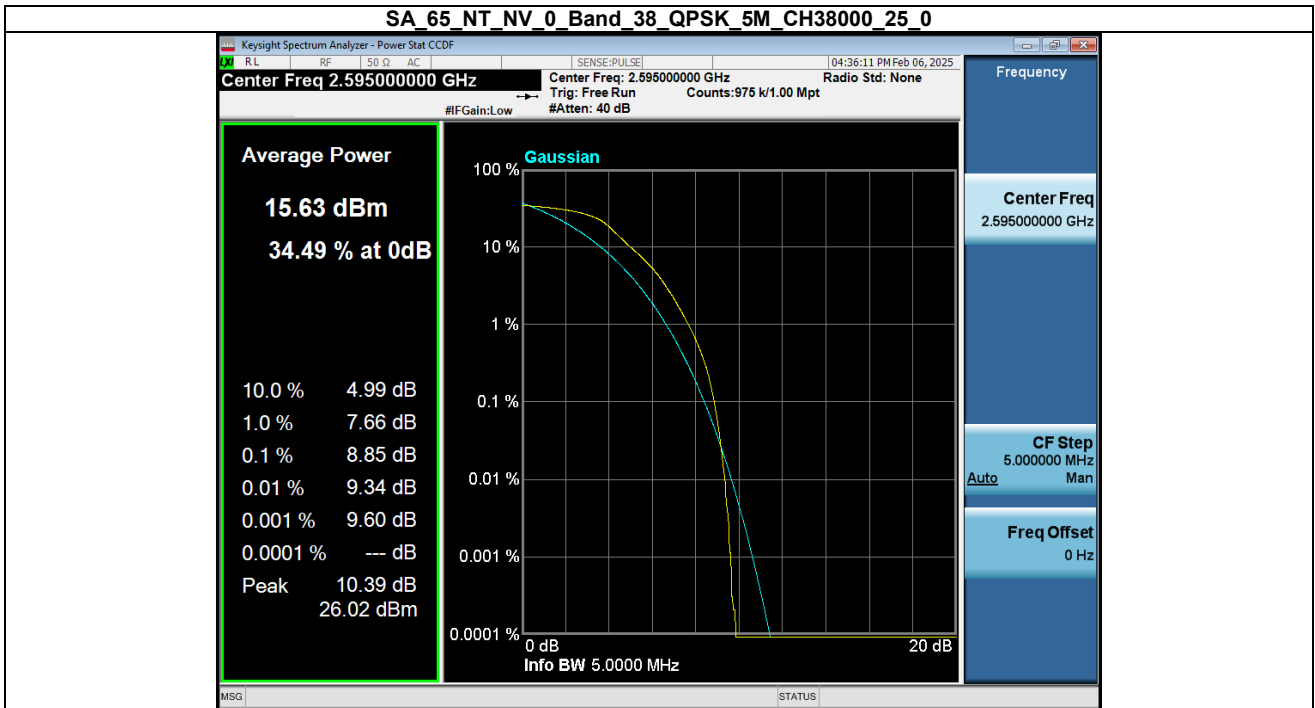
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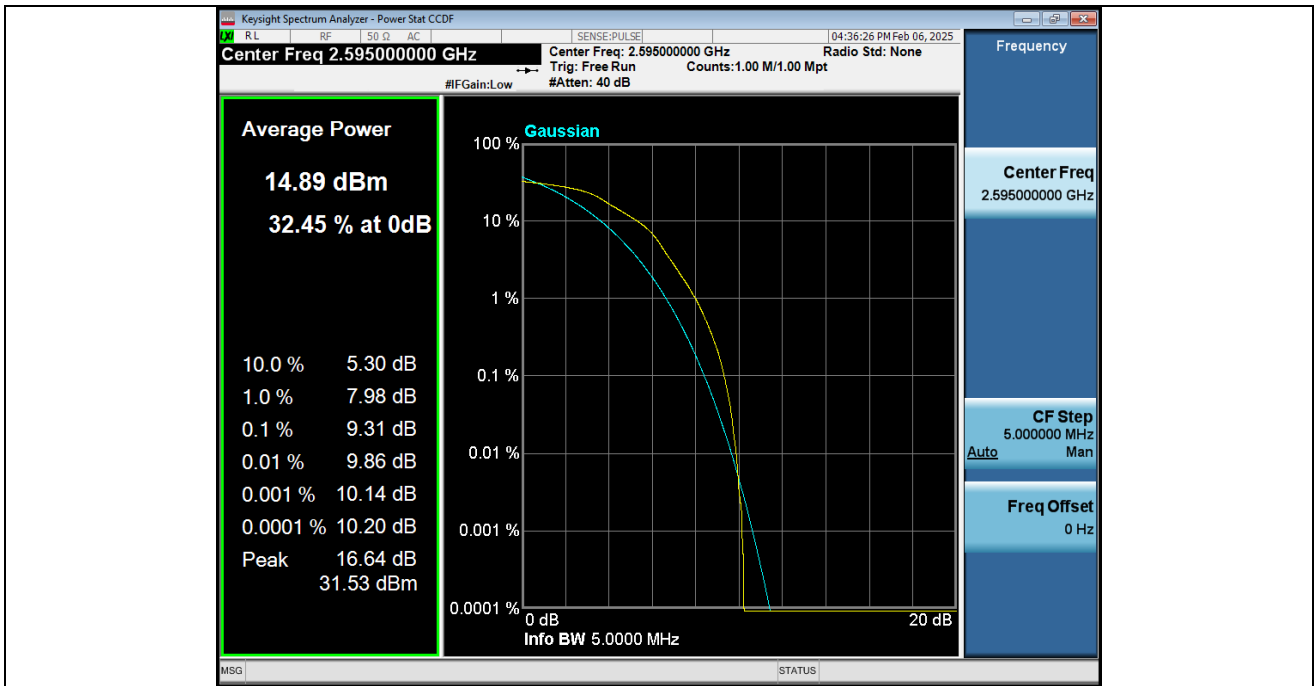
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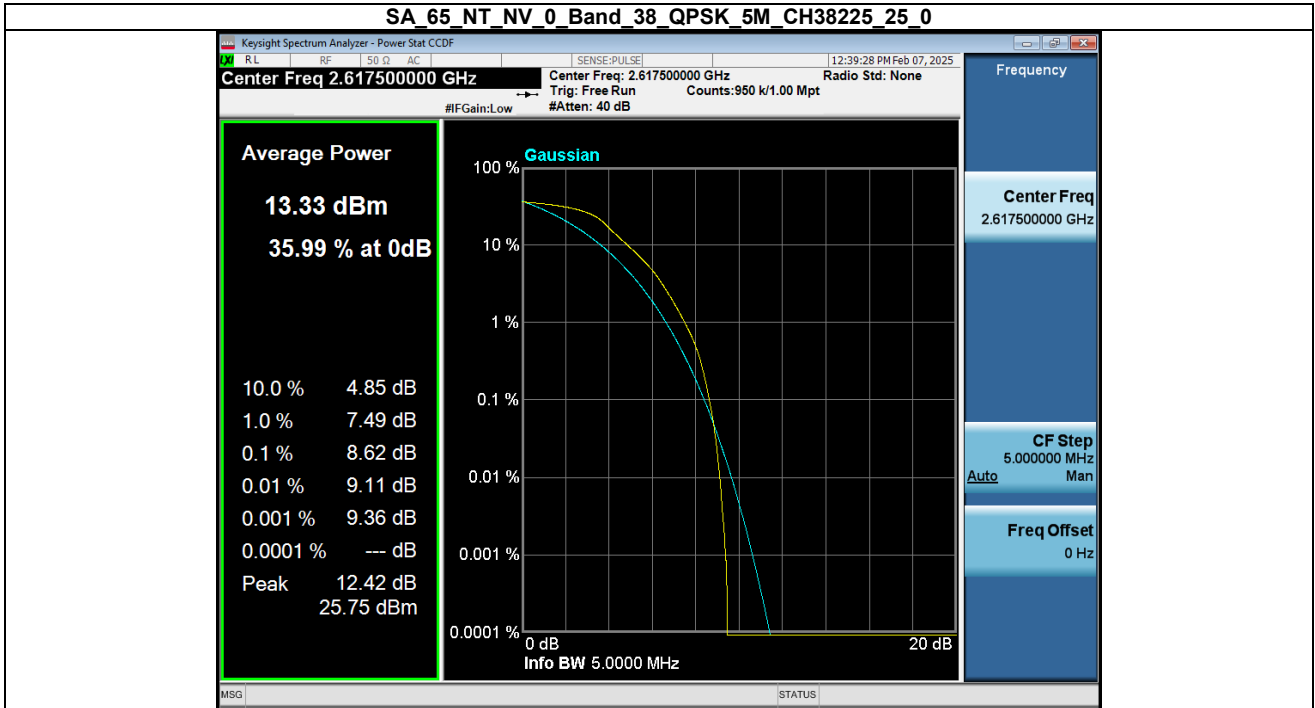
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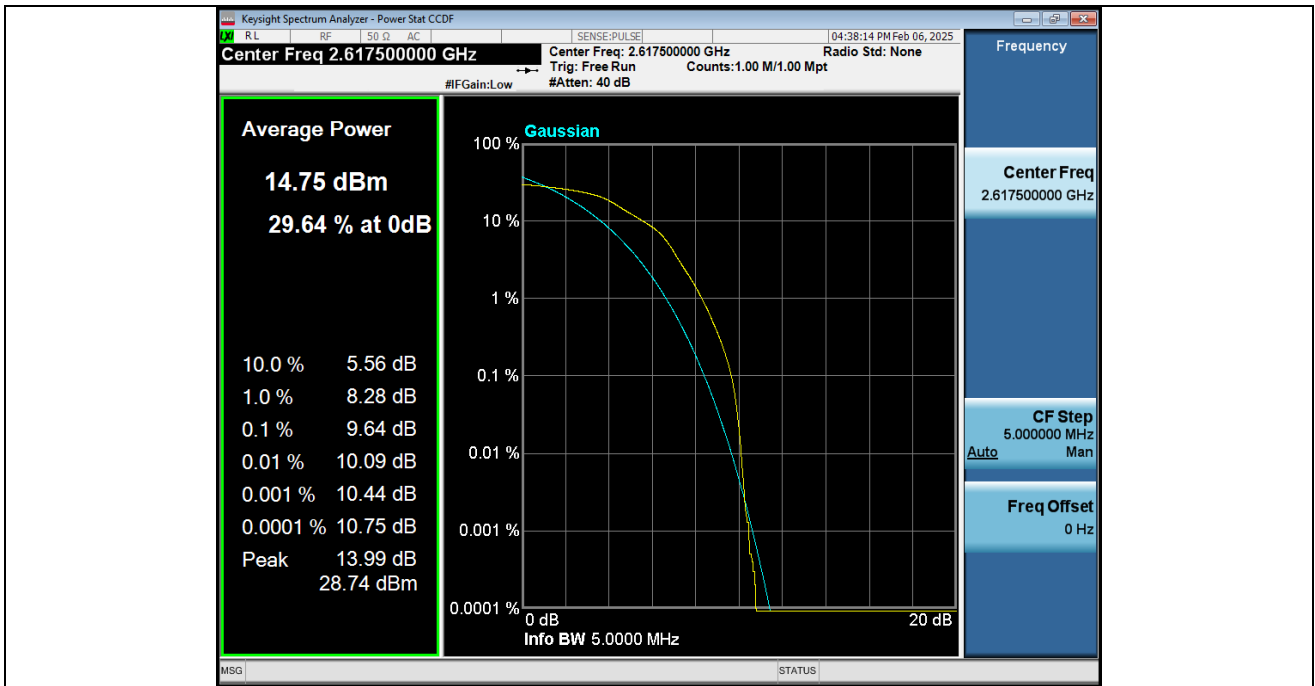
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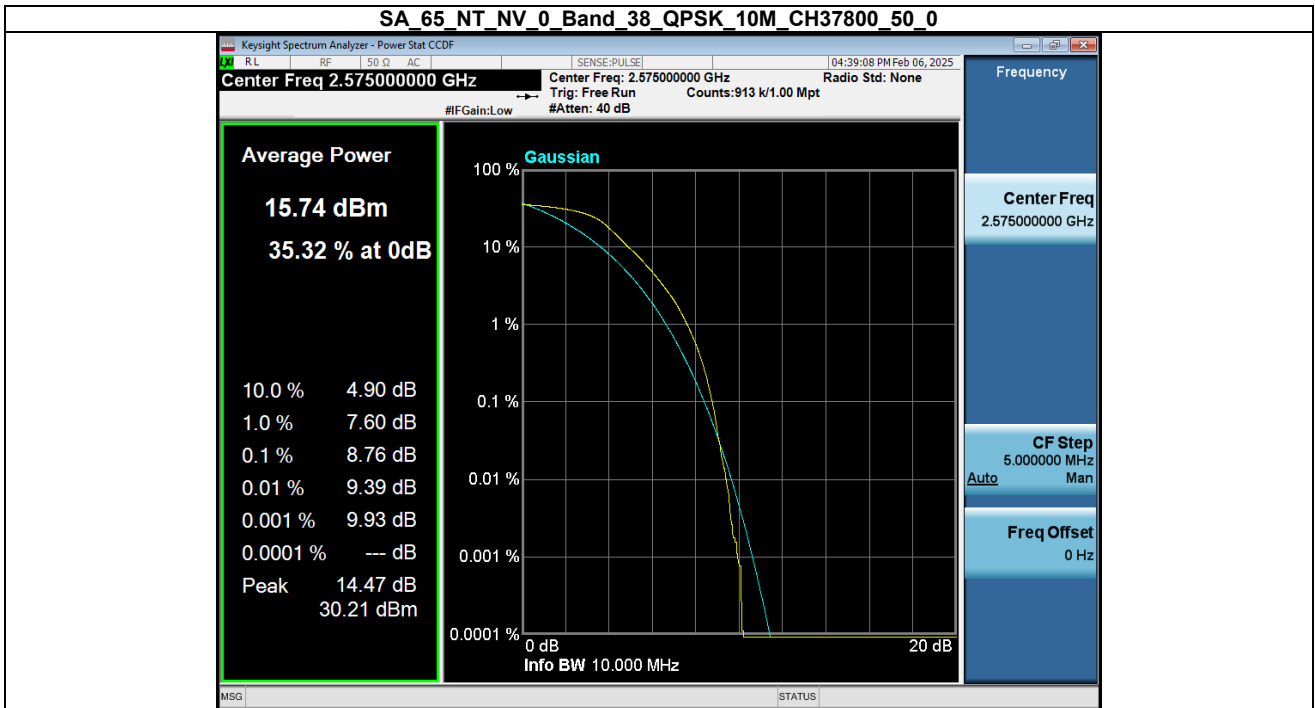
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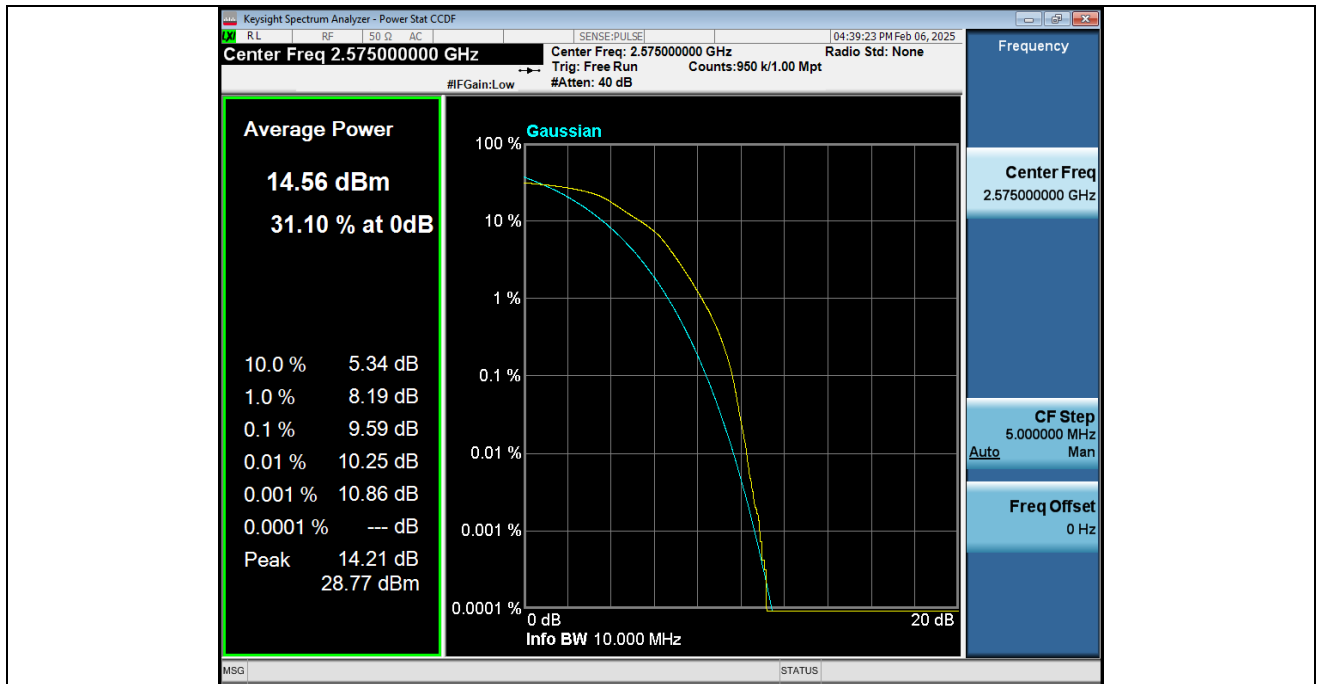
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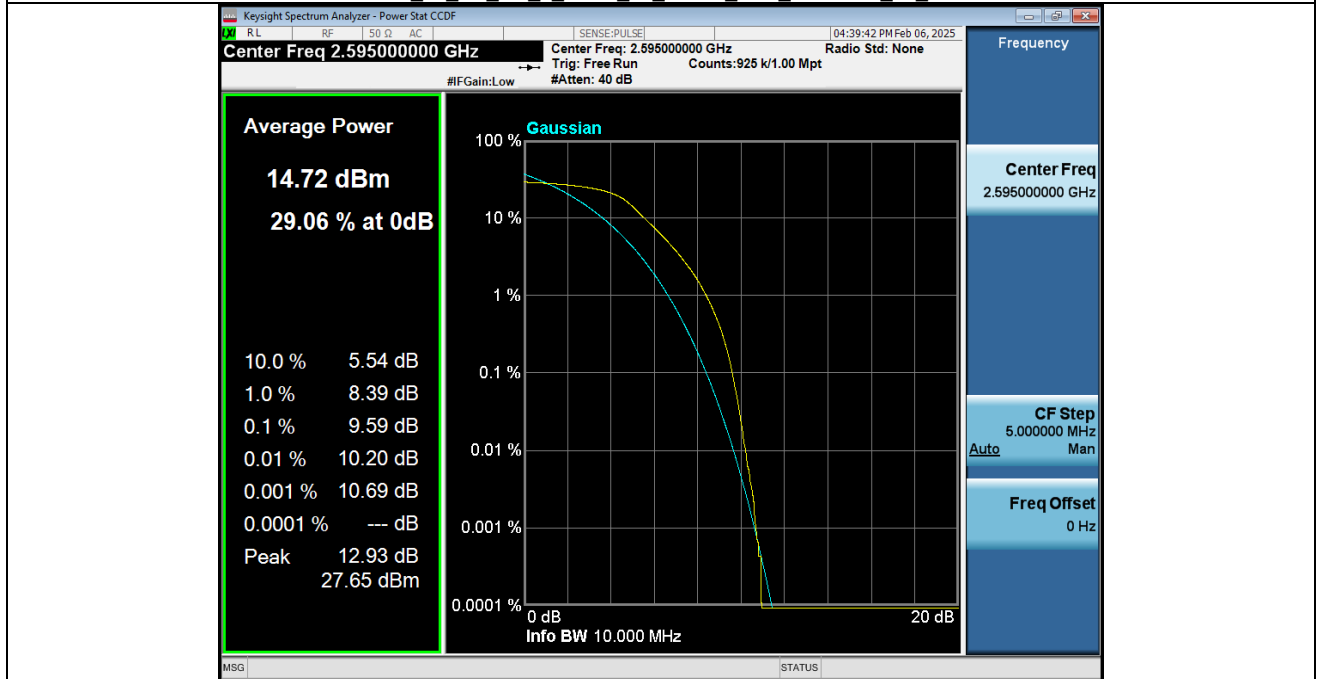
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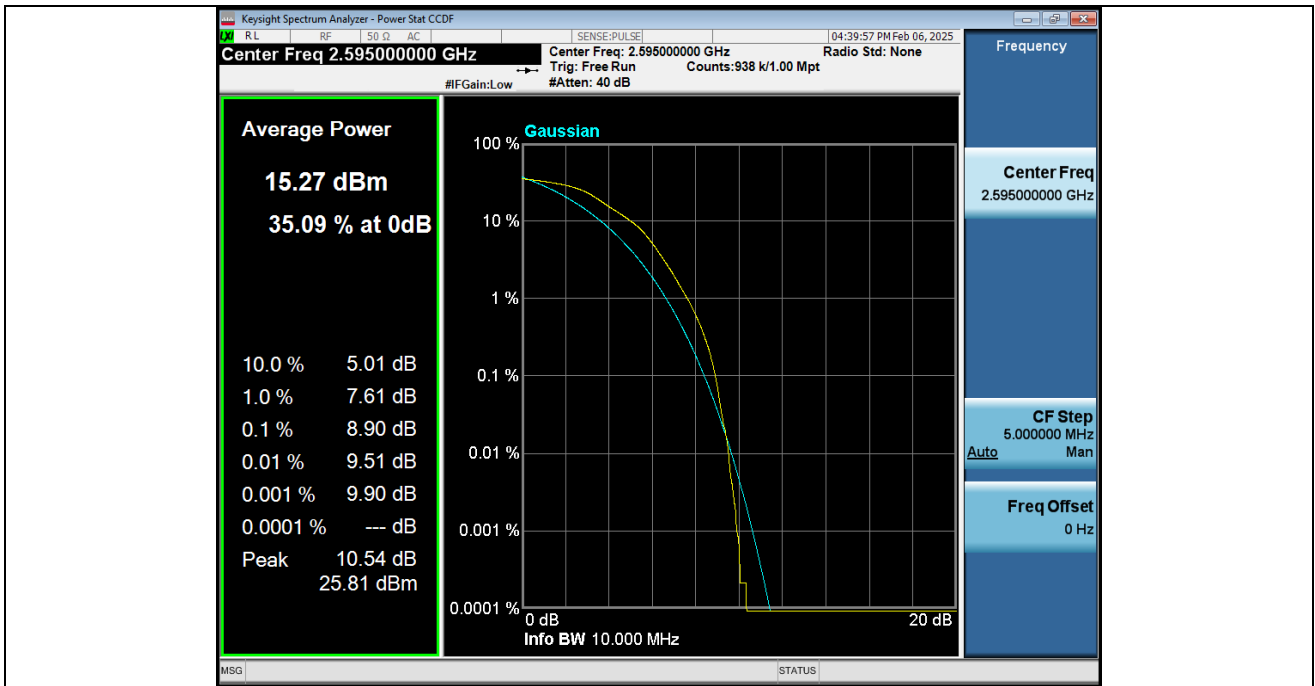
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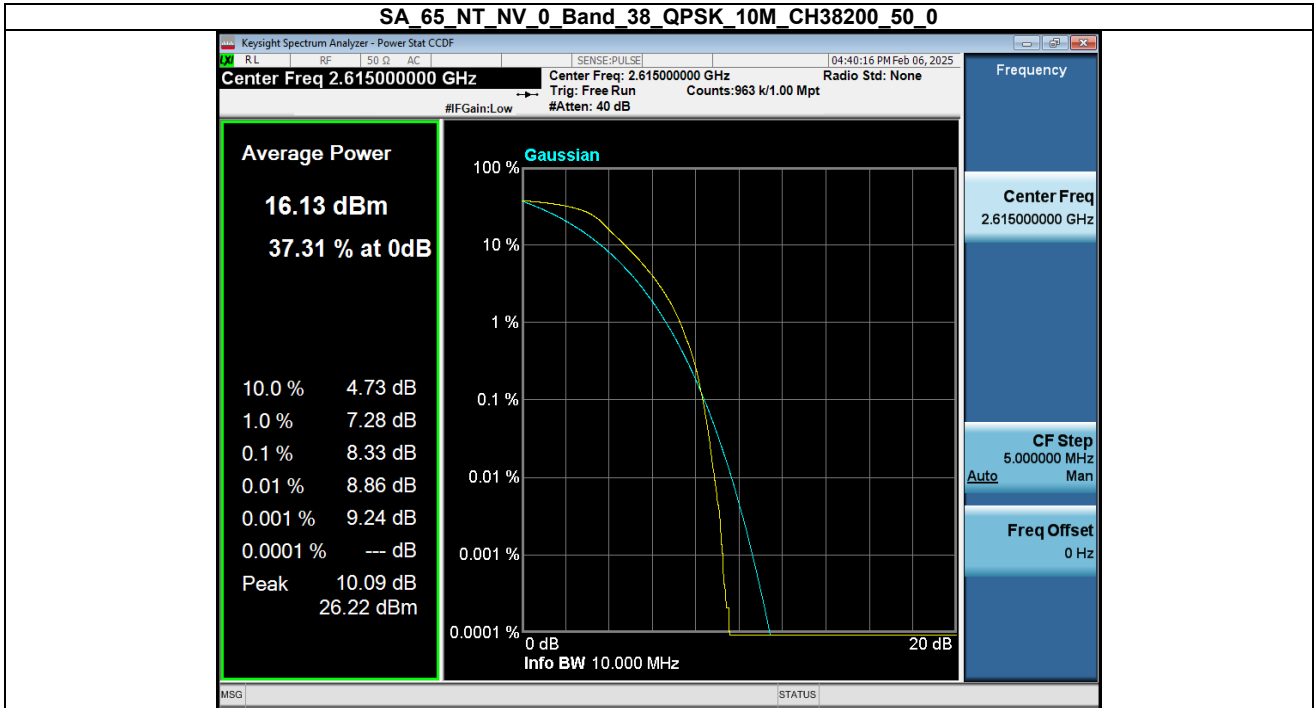
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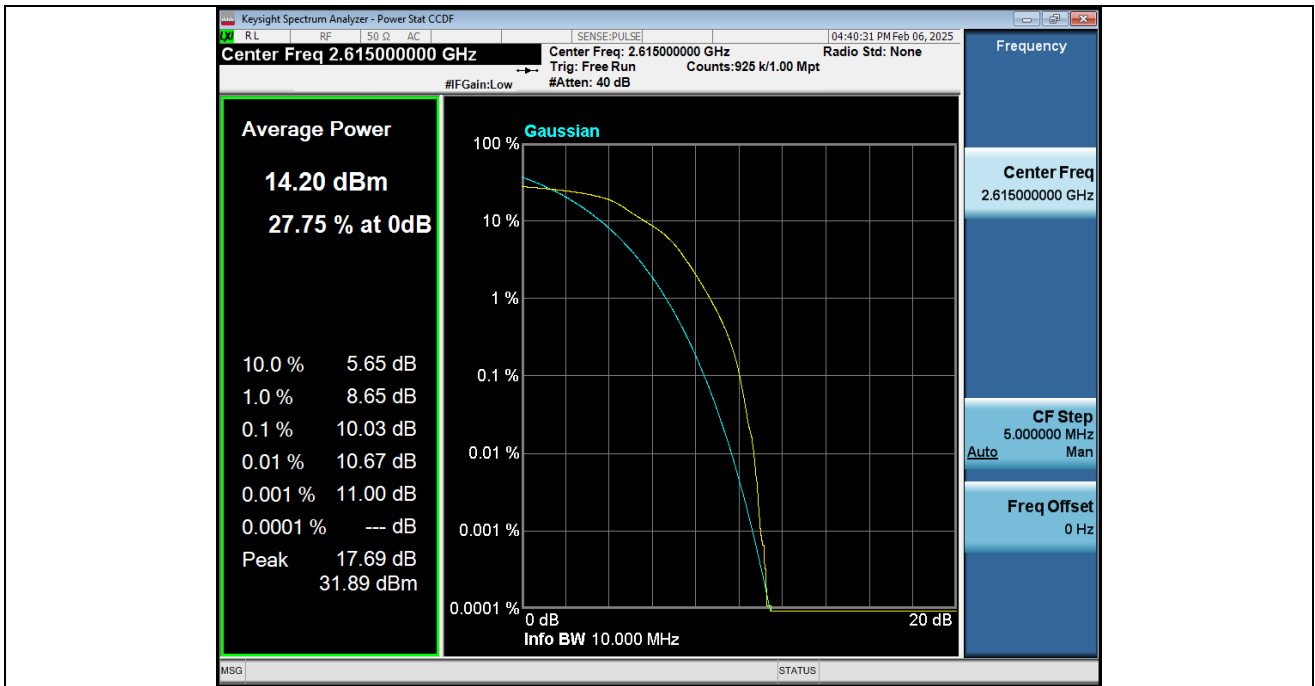
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SA_65_NT_NV_0_Band_38_QPSK_10M_CH38200_50_0



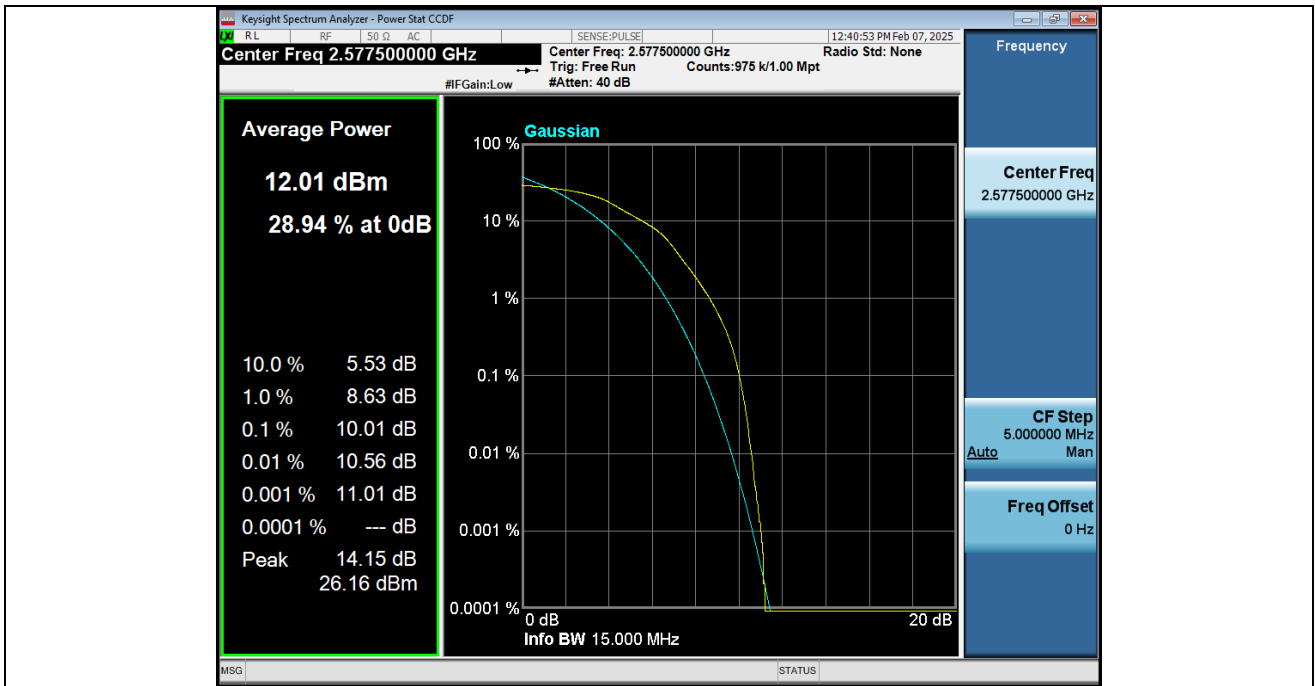
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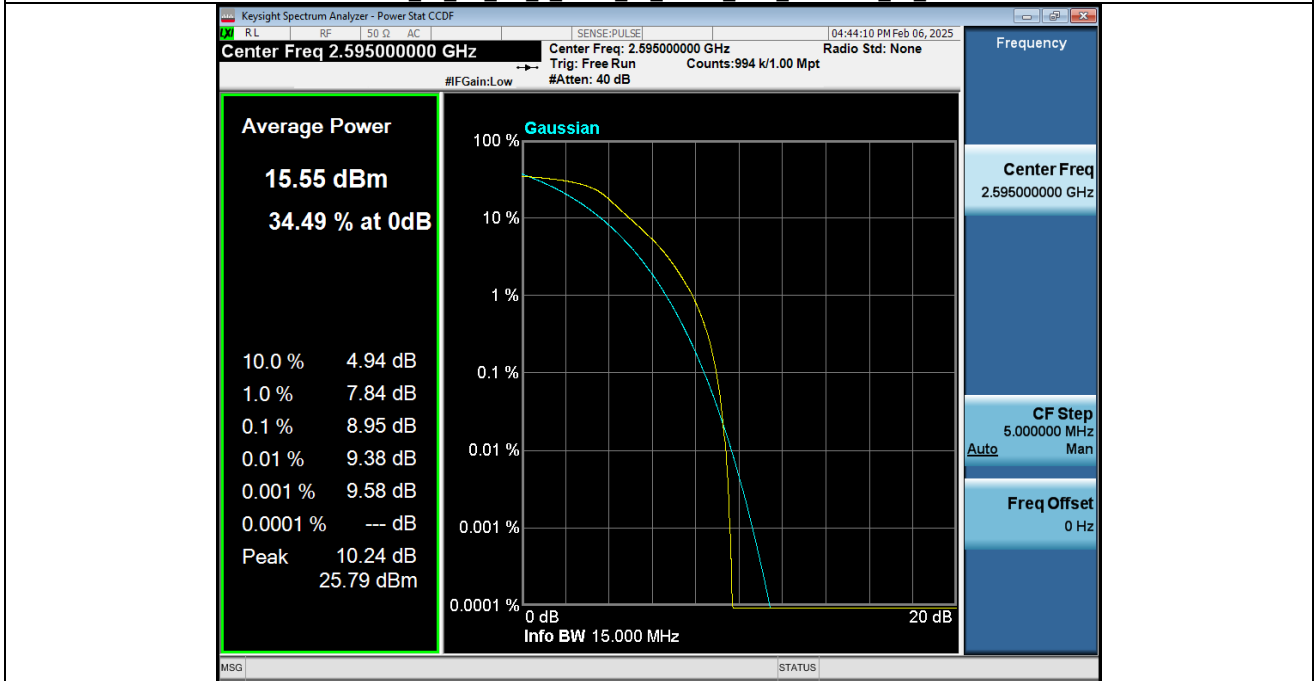
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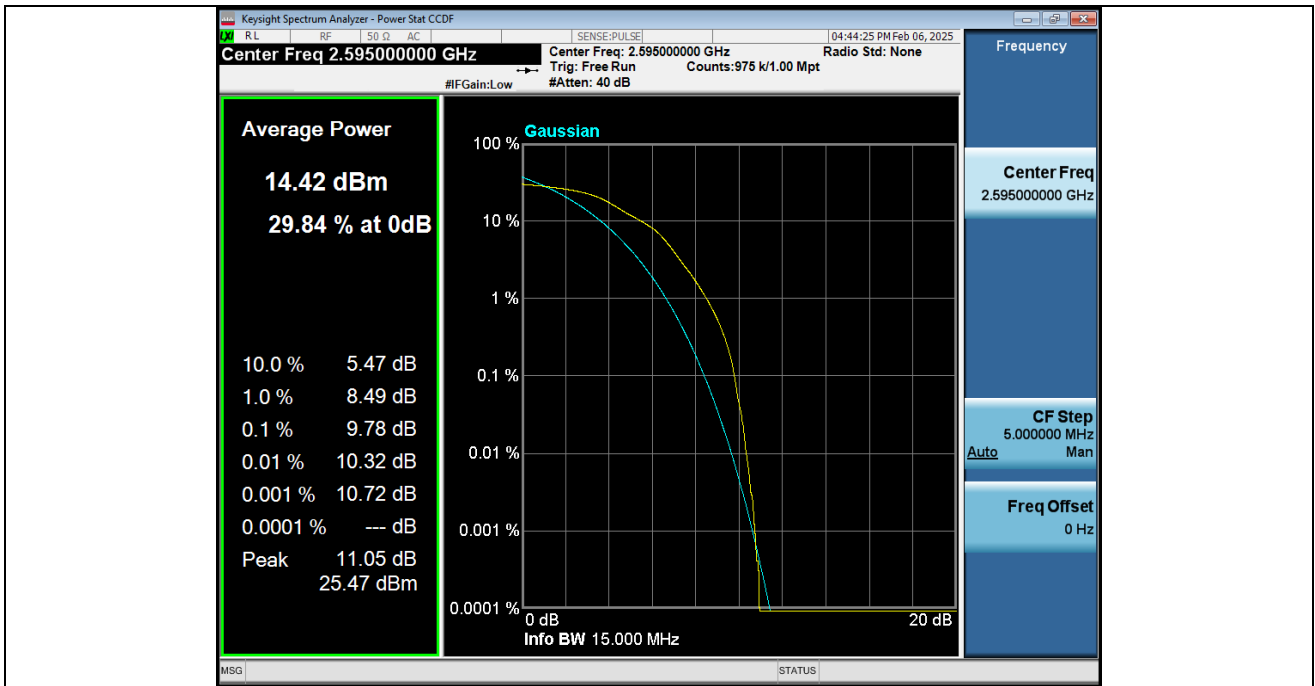
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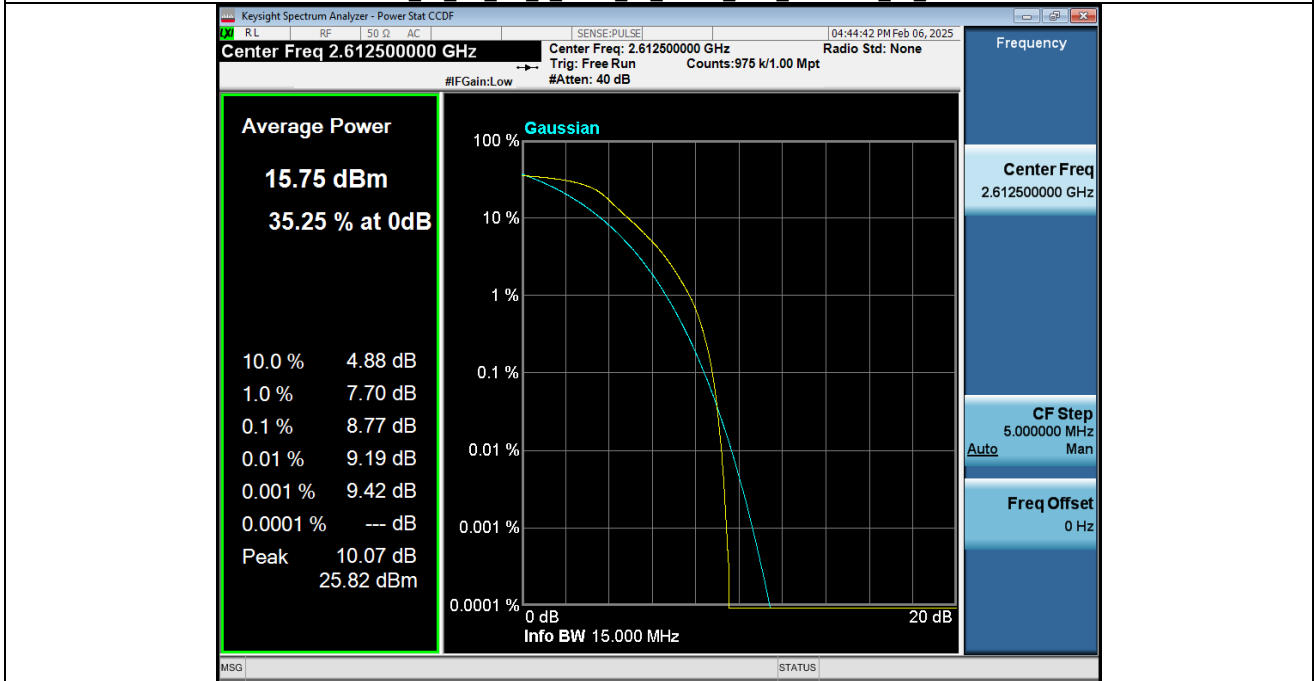
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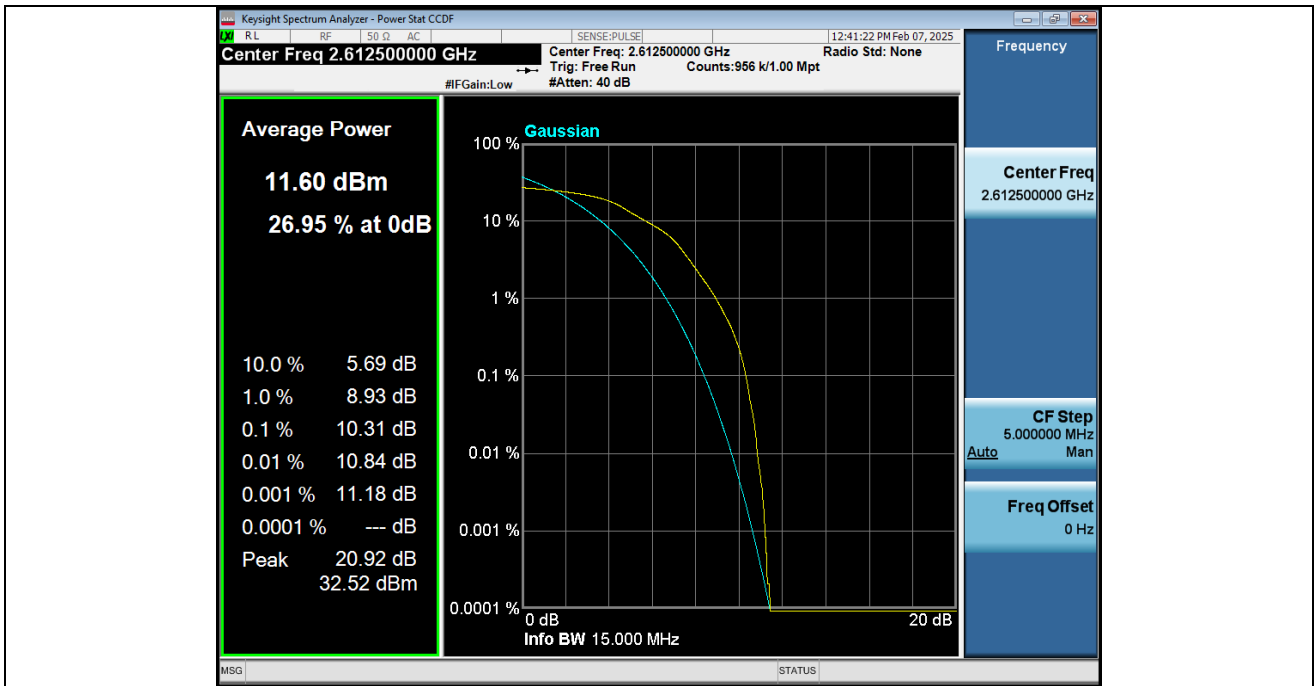
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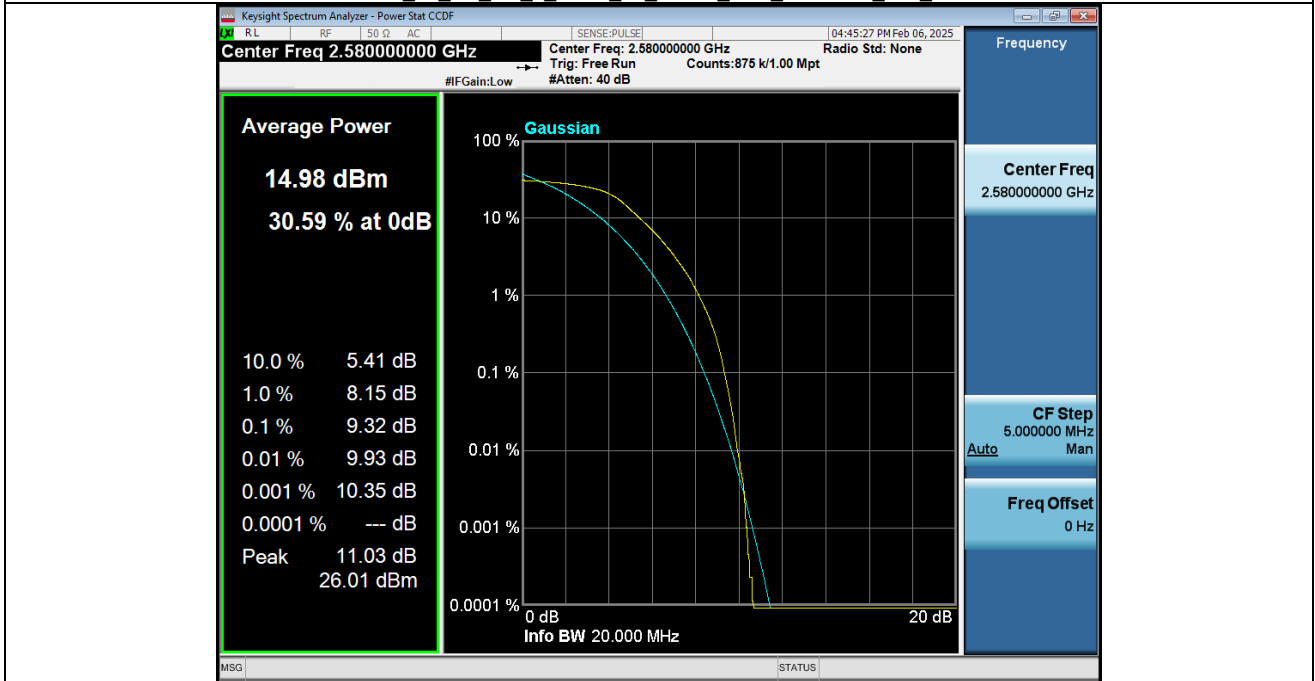
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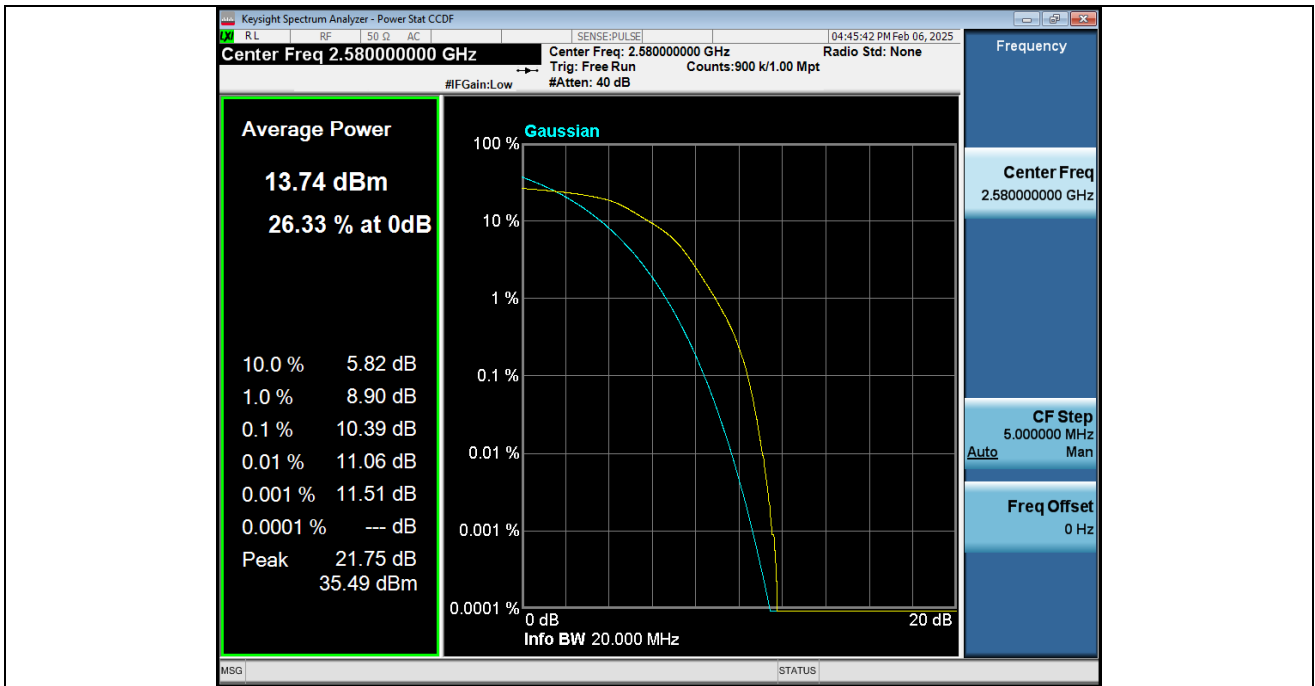
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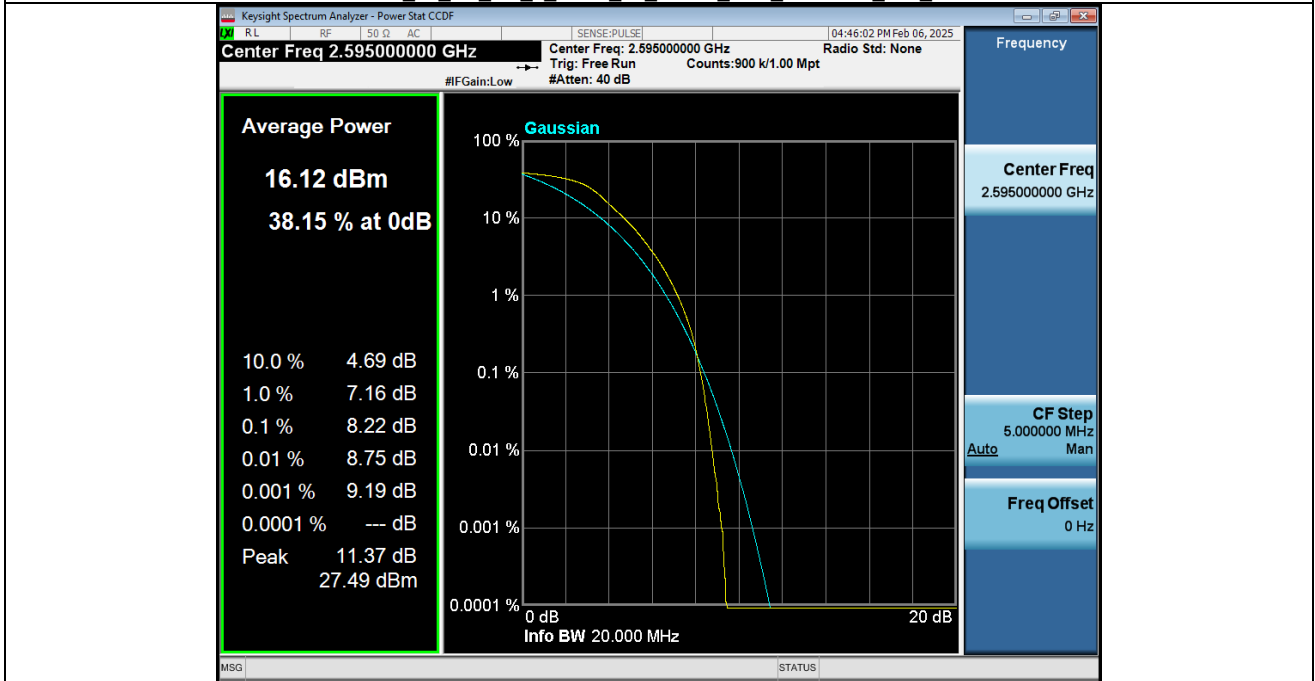
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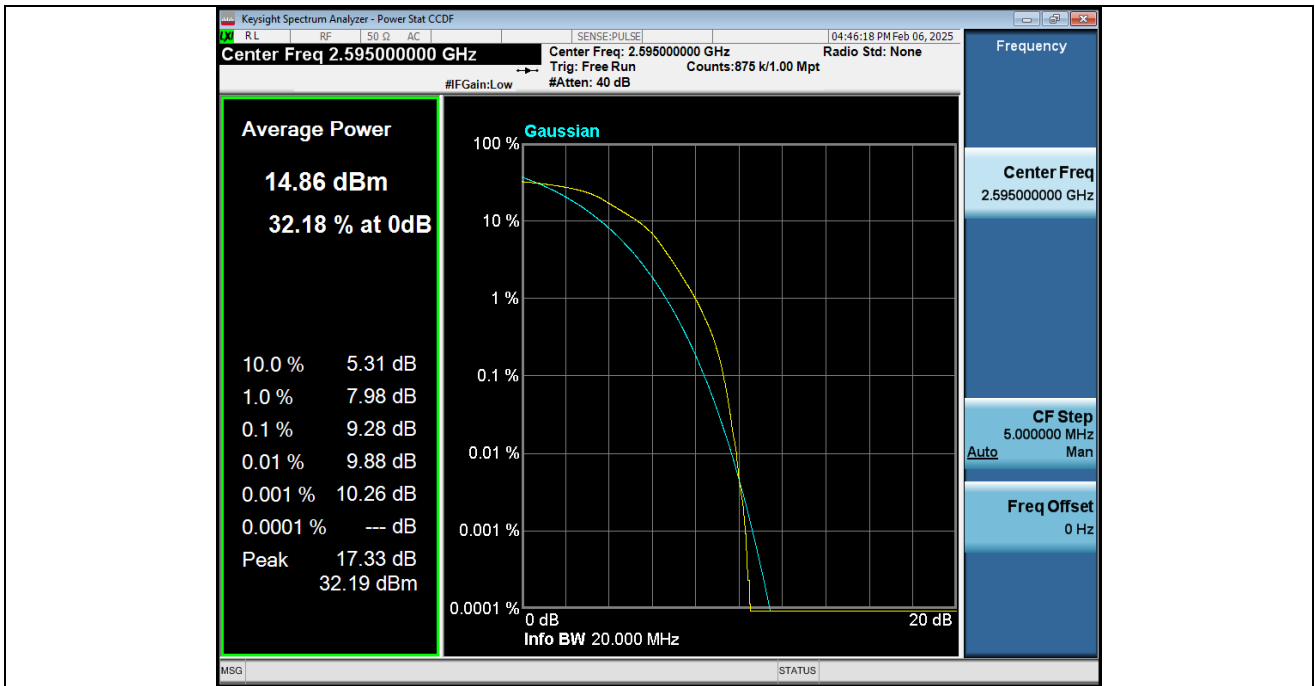
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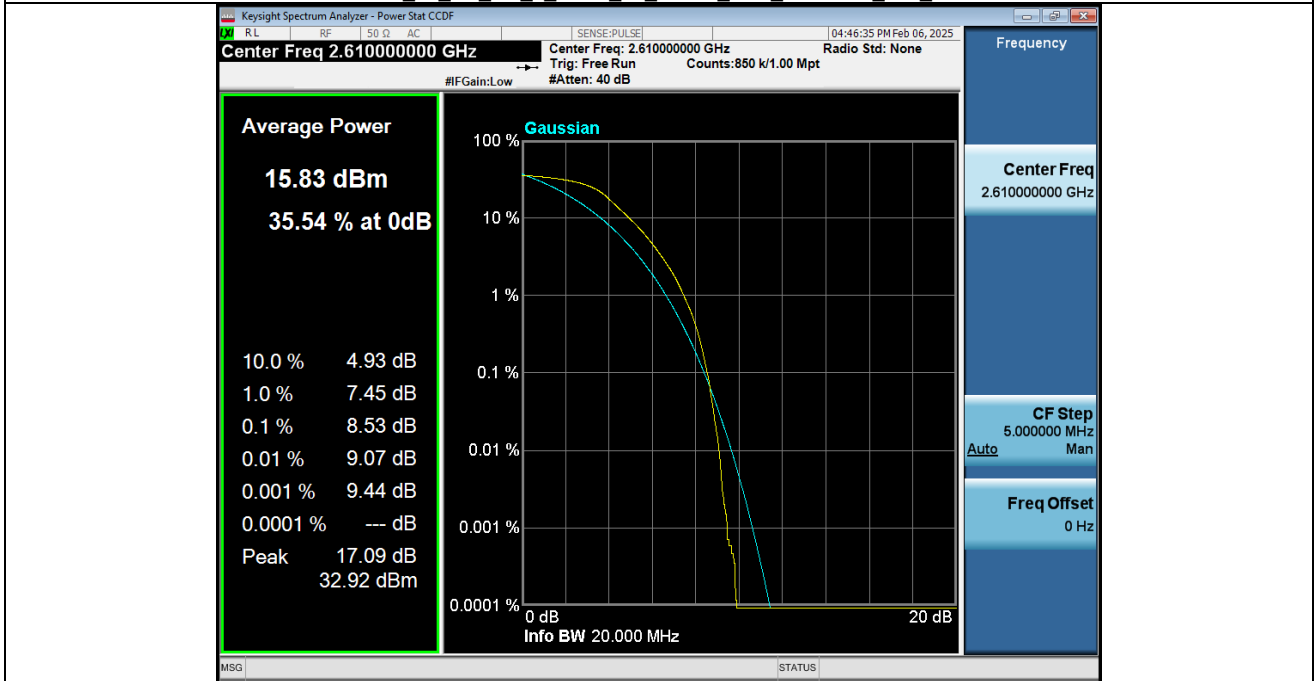
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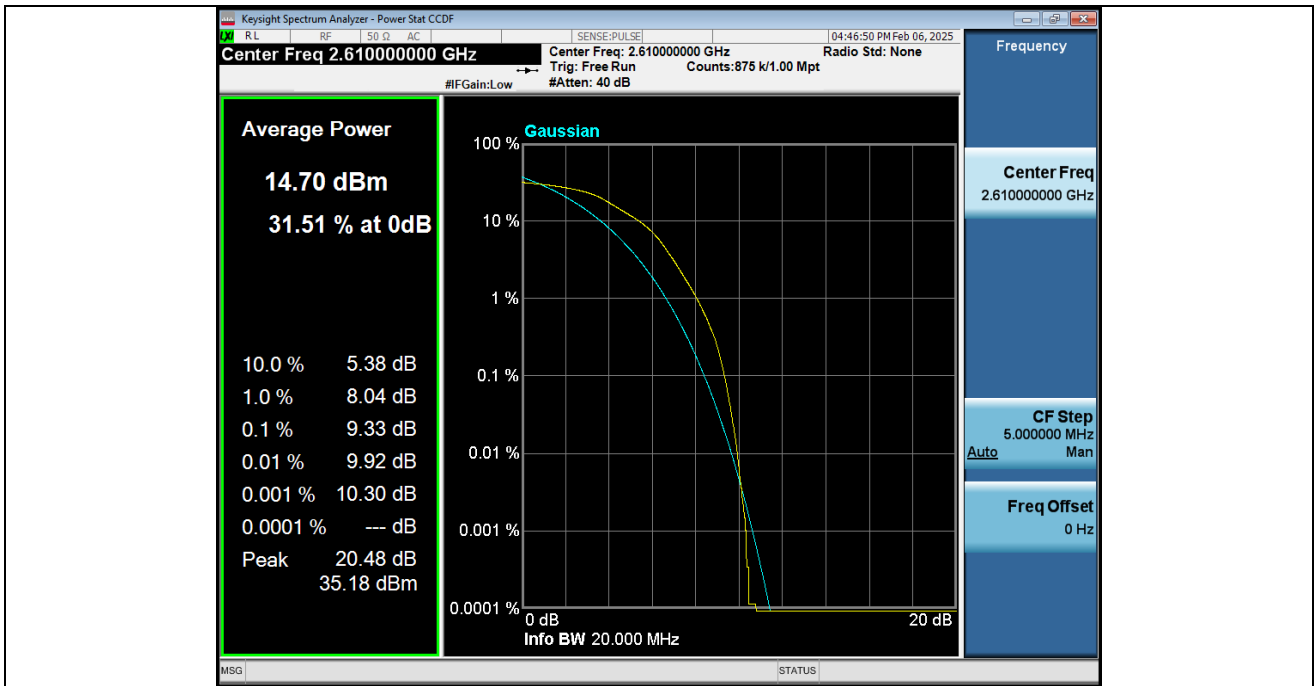
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SA_65_NT_NV_0_Band_38_QPSK_20M_CH38150_100_0

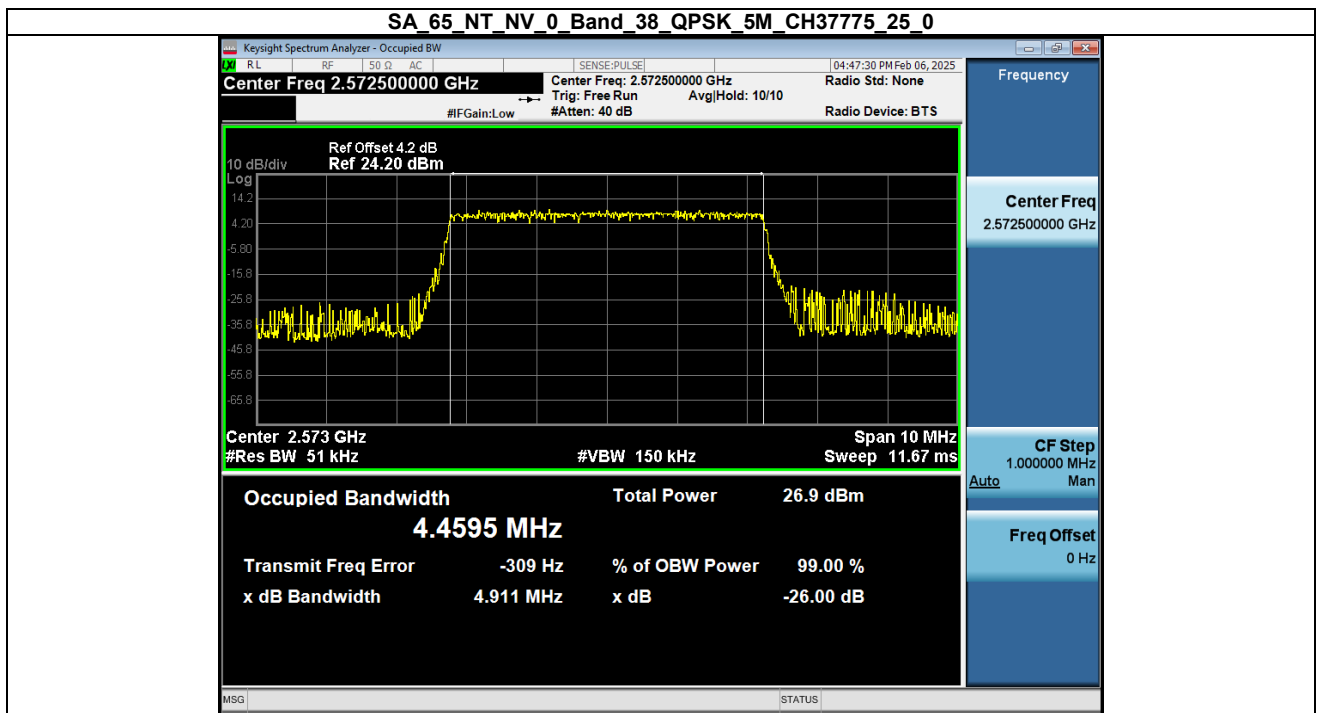


SA_65_NT_NV_0_Band_38_16QAM_20M_CH38150_100_0

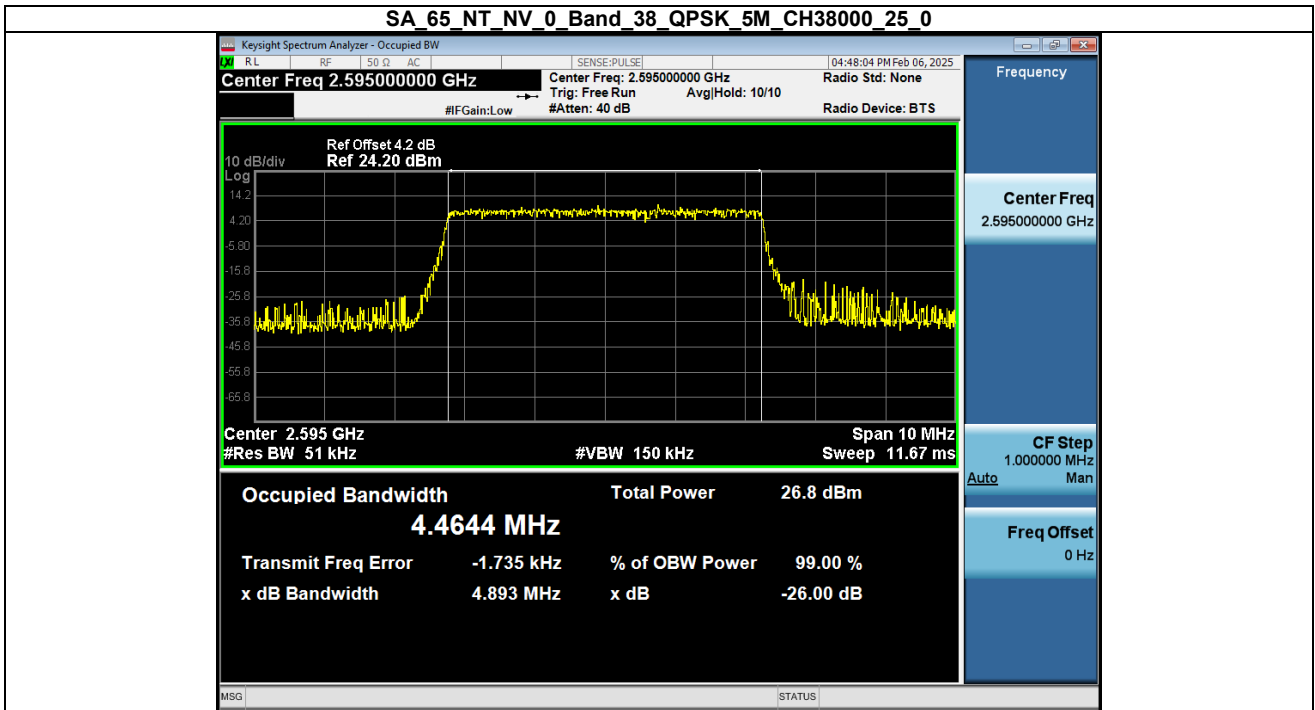
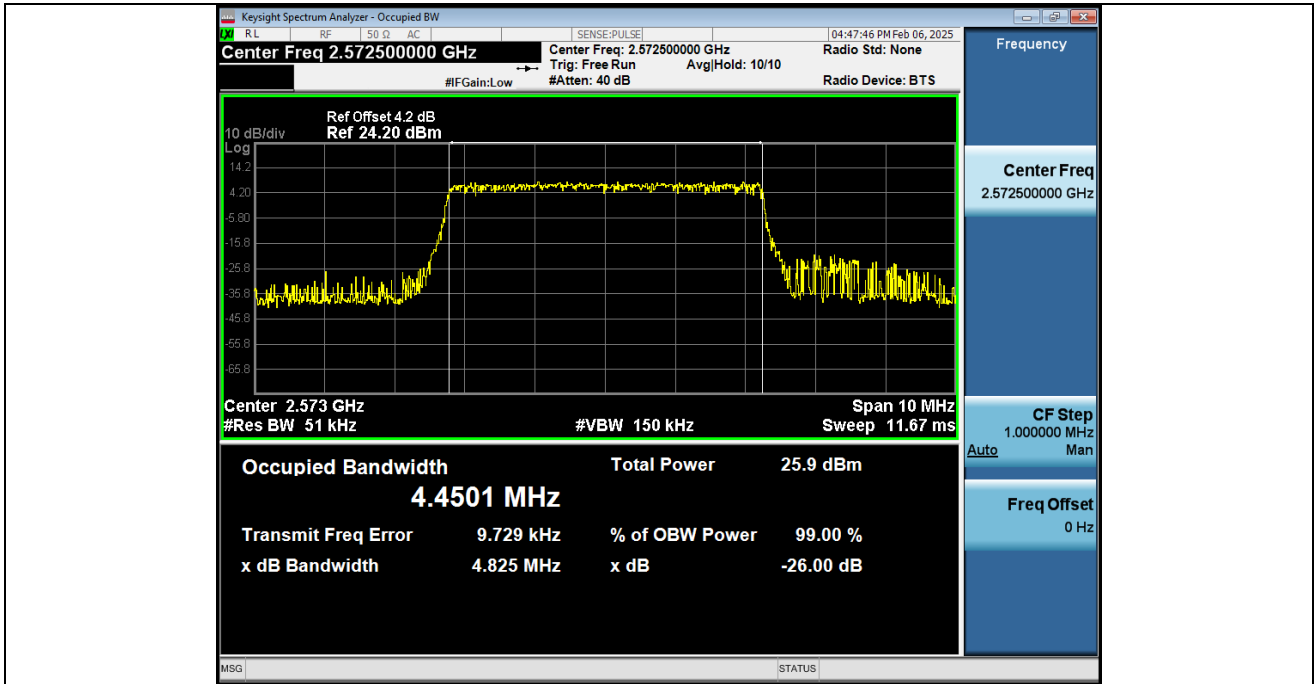


3. Occupied Bandwidth

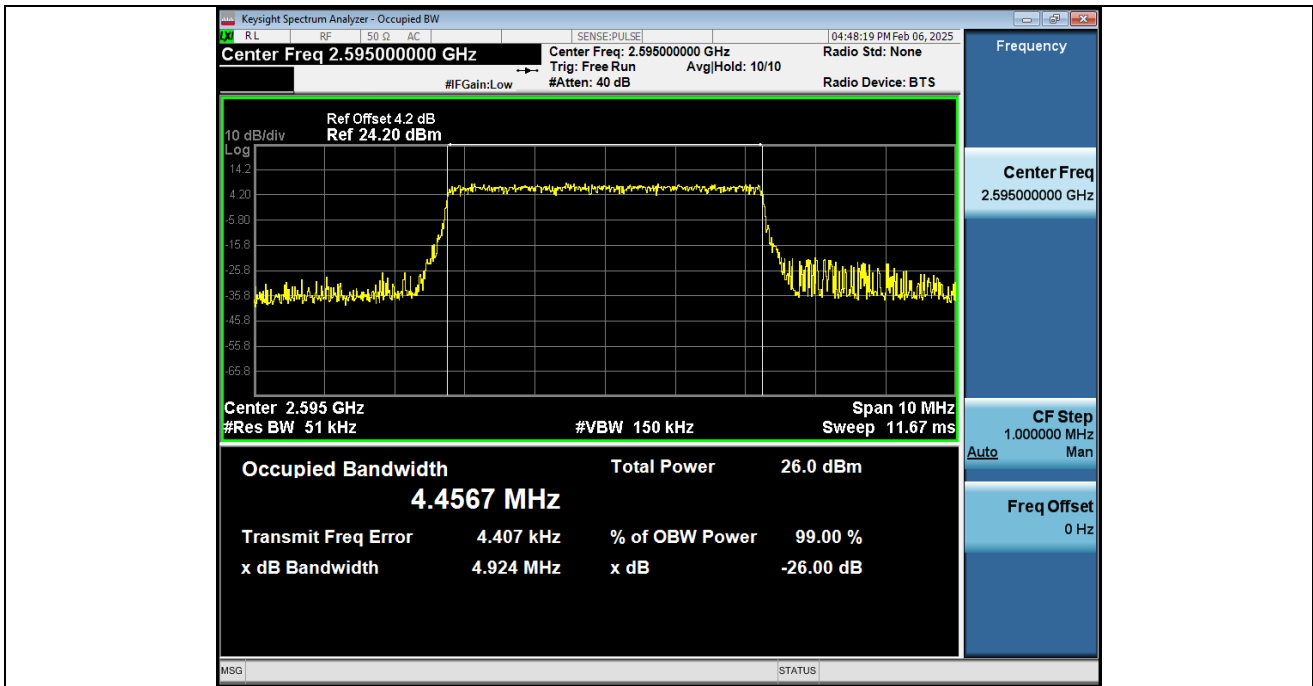
Condition	Band	Modulation	BW(MHz)	Frequency(MHz)	RB_Size	RB_start	OBW(MHz)	-26EBW(MHz)
NV_NT	Band 38	QPSK	5M	2572.5	25	0	4.46	4.91
NV_NT	Band 38	16QAM	5M	2572.5	25	0	4.45	4.83
NV_NT	Band 38	QPSK	5M	2595.0	25	0	4.46	4.89
NV_NT	Band 38	16QAM	5M	2595.0	25	0	4.46	4.92
NV_NT	Band 38	QPSK	5M	2617.5	25	0	4.47	4.82
NV_NT	Band 38	16QAM	5M	2617.5	25	0	4.45	4.79
NV_NT	Band 38	QPSK	10M	2575.0	50	0	8.92	10.43
NV_NT	Band 38	16QAM	10M	2575.0	50	0	8.92	9.90
NV_NT	Band 38	QPSK	10M	2595.0	50	0	8.92	10.50
NV_NT	Band 38	16QAM	10M	2595.0	50	0	8.93	9.51
NV_NT	Band 38	QPSK	10M	2615.0	50	0	8.93	9.82
NV_NT	Band 38	16QAM	10M	2615.0	50	0	8.91	9.61
NV_NT	Band 38	QPSK	15M	2577.5	75	0	13.39	14.83
NV_NT	Band 38	16QAM	15M	2577.5	75	0	13.39	15.64
NV_NT	Band 38	QPSK	15M	2595.0	75	0	13.39	14.56
NV_NT	Band 38	16QAM	15M	2595.0	75	0	13.39	14.64
NV_NT	Band 38	QPSK	15M	2612.5	75	0	13.38	14.22
NV_NT	Band 38	16QAM	15M	2612.5	75	0	13.41	14.52
NV_NT	Band 38	QPSK	20M	2580.0	100	0	17.85	18.81
NV_NT	Band 38	16QAM	20M	2580.0	100	0	17.81	19.41
NV_NT	Band 38	QPSK	20M	2595.0	100	0	17.86	18.95
NV_NT	Band 38	16QAM	20M	2595.0	100	0	17.81	18.96
NV_NT	Band 38	QPSK	20M	2610.0	100	0	17.82	18.89
NV_NT	Band 38	16QAM	20M	2610.0	100	0	17.82	18.84



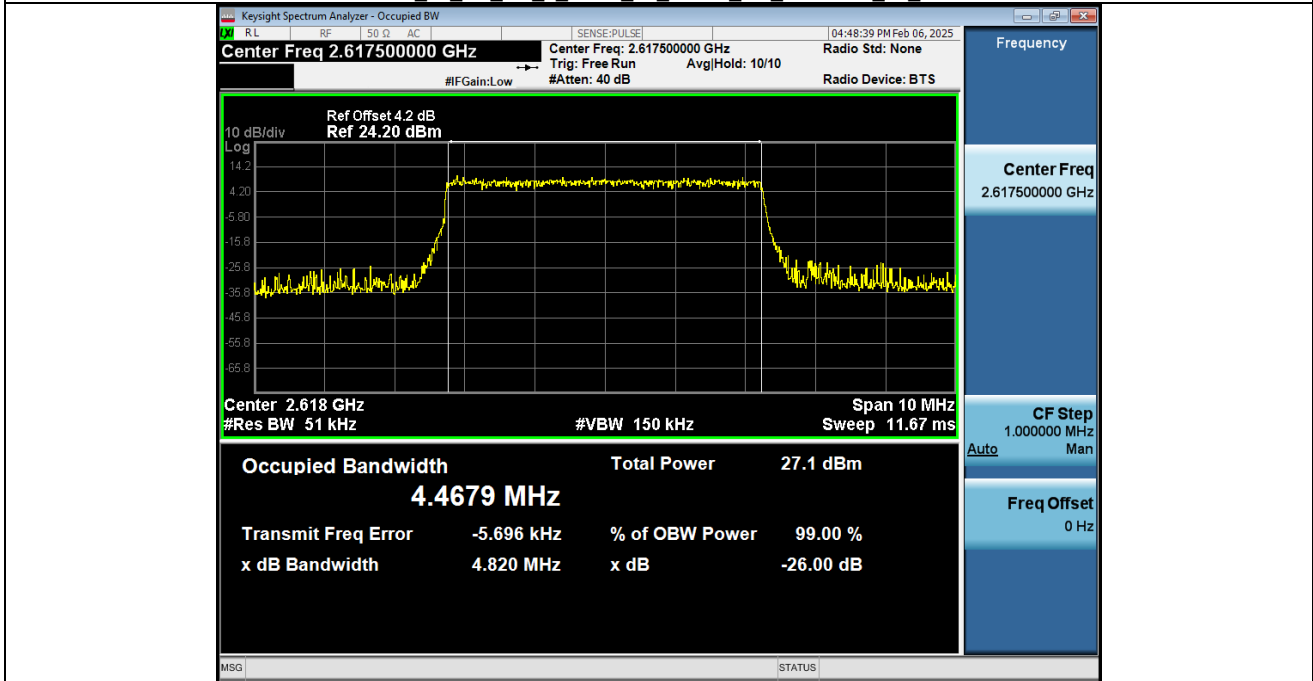
SA_65_NT_NV_0_Band_38_16QAM_5M_CH37775_25_0



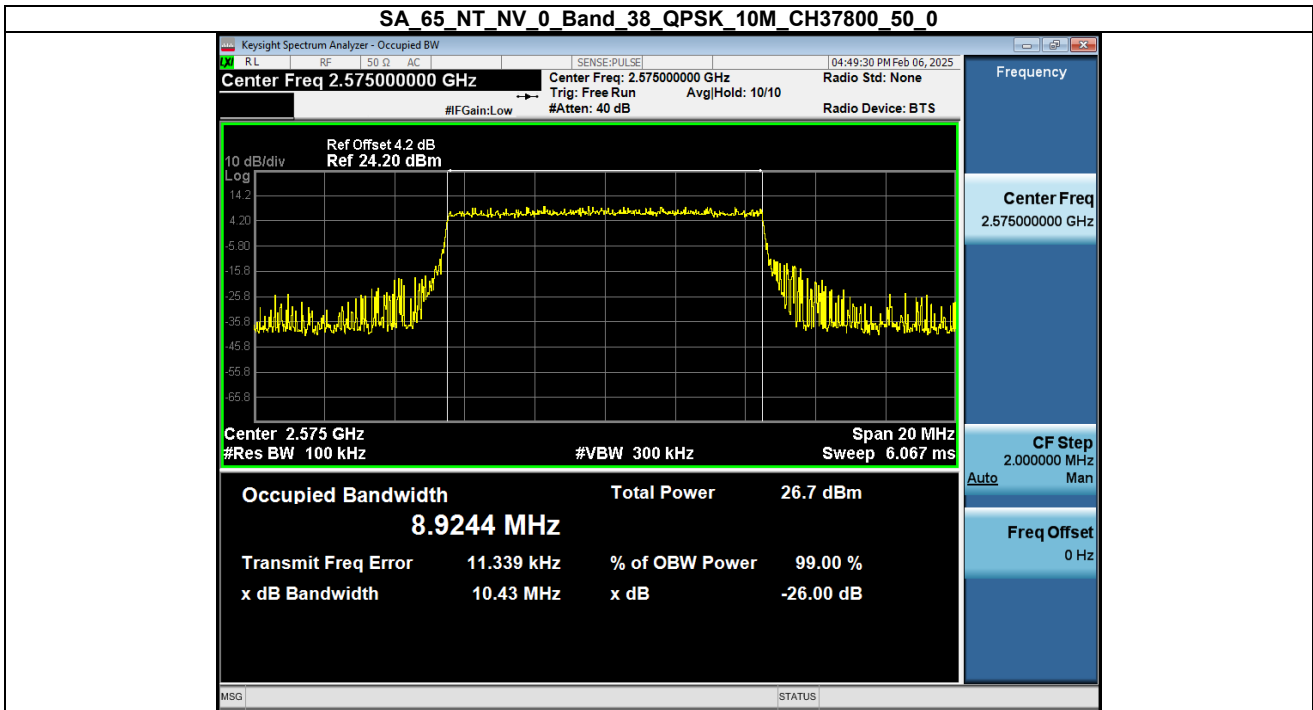
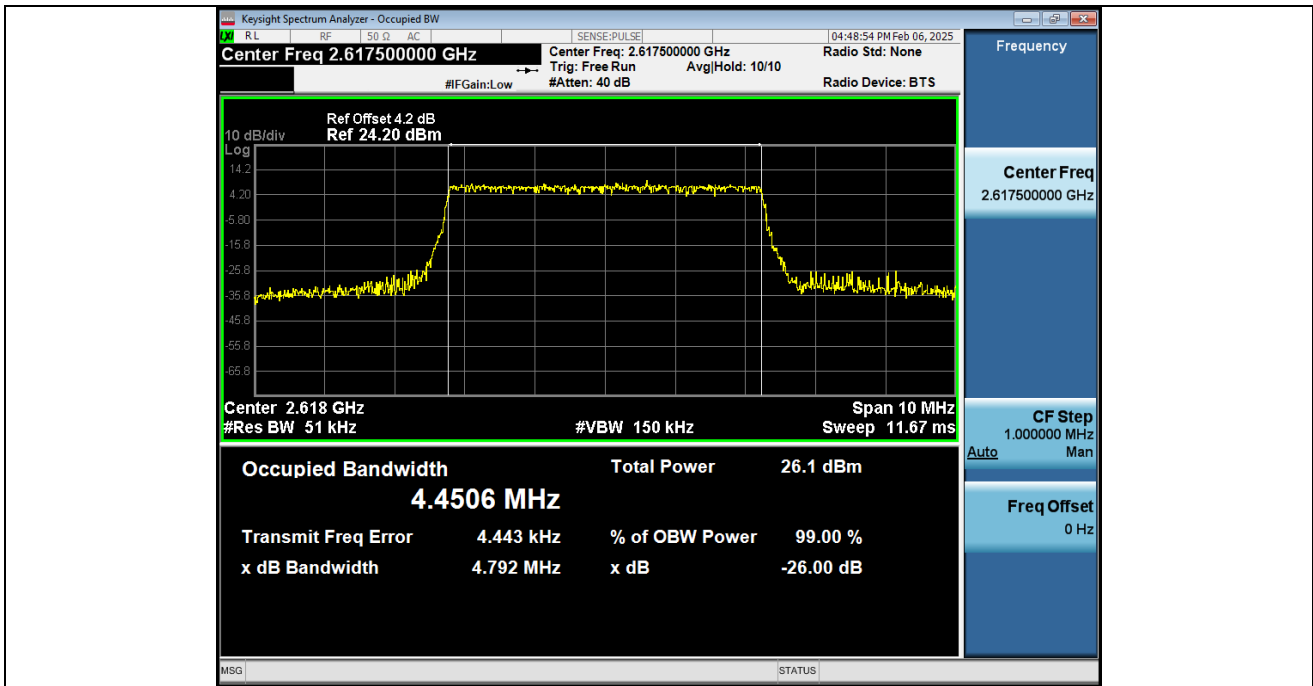
SA_65_NT_NV_0_Band_38_16QAM_5M_CH38000_25_0



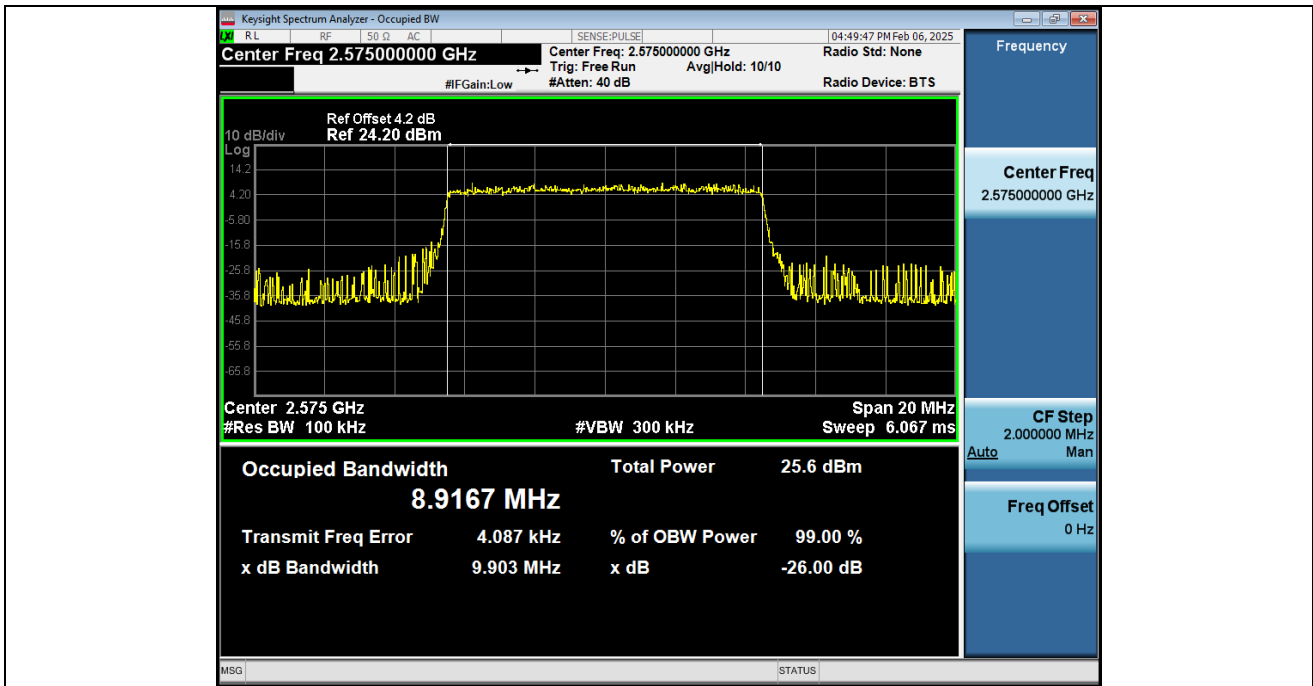
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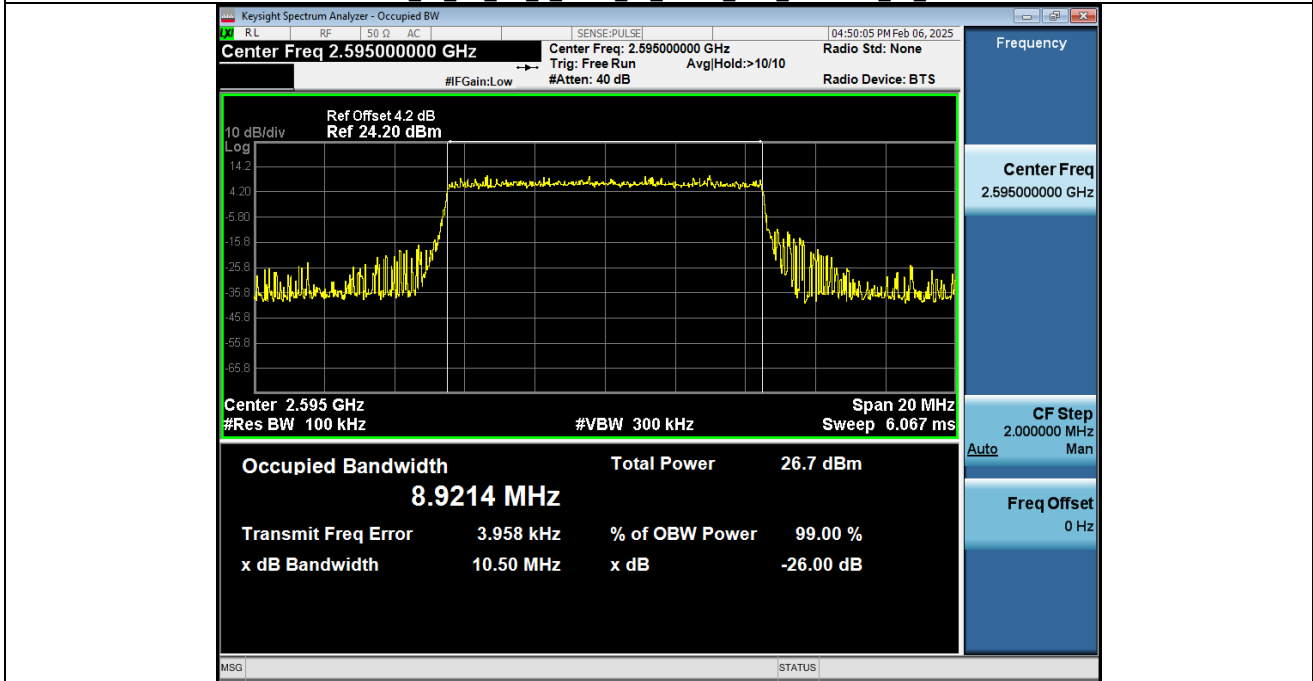
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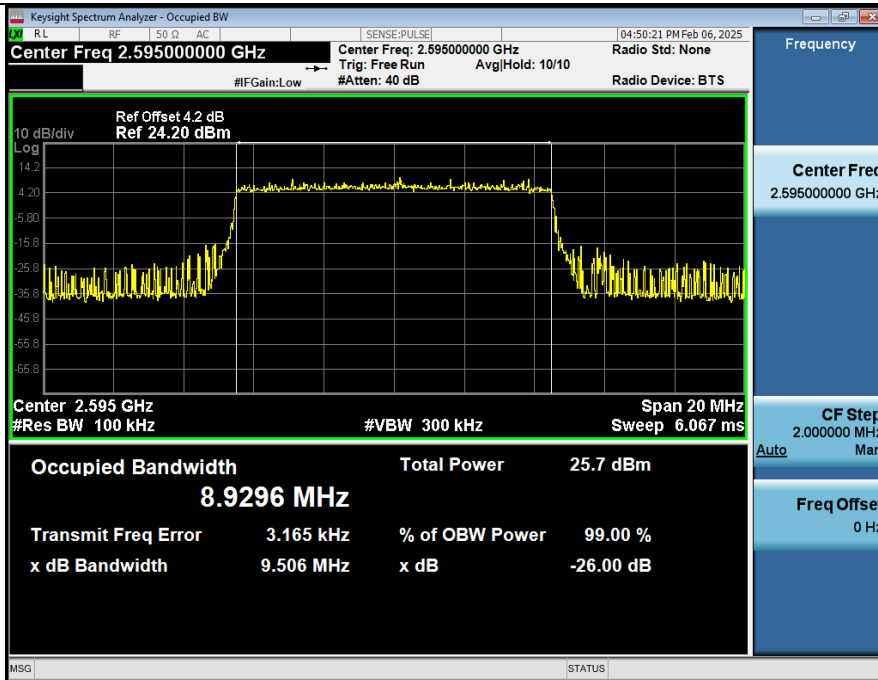
SA_65_NT_NV_0 Band 38 16QAM 10M CH37800 50 0



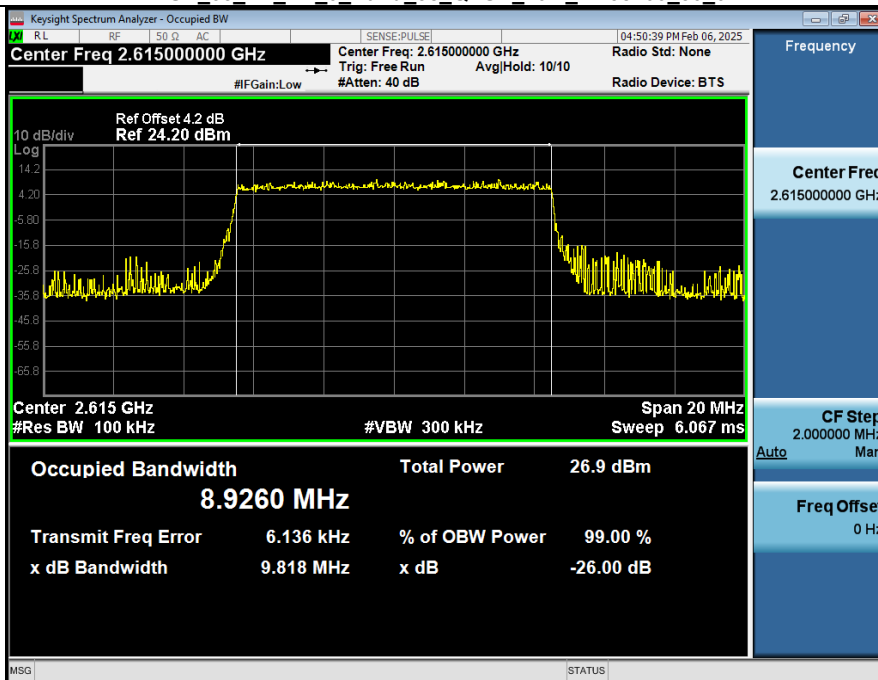
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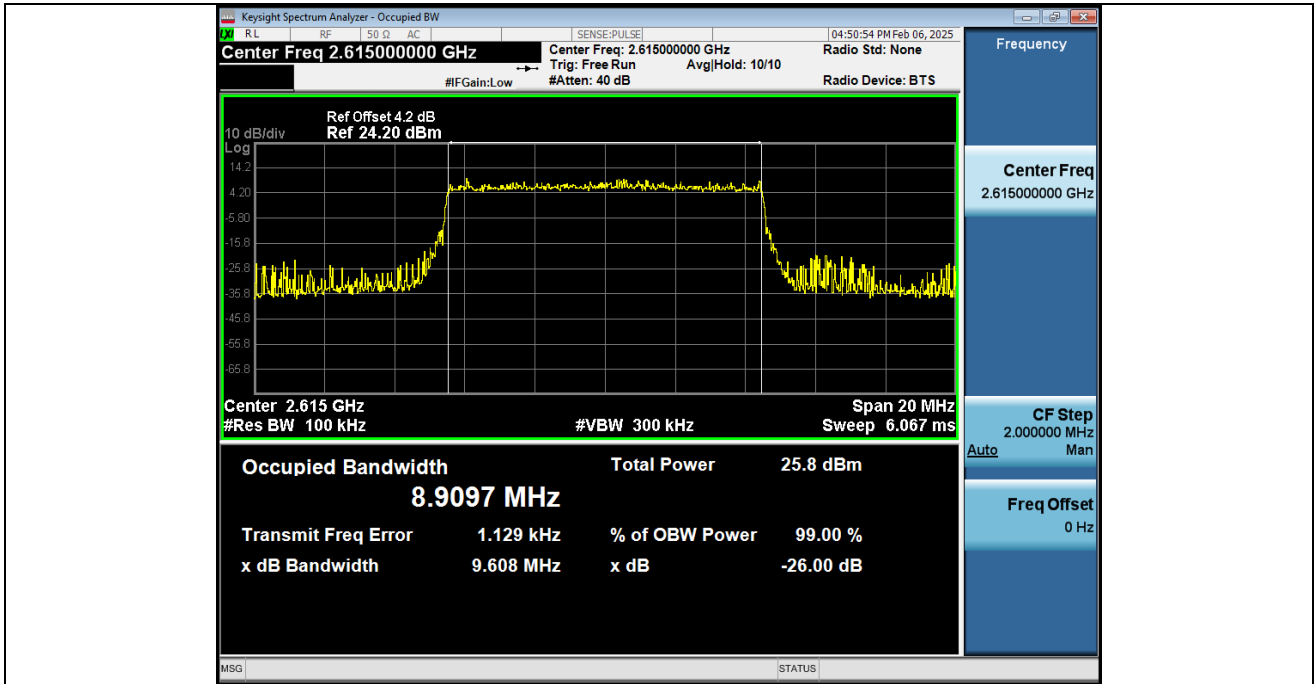
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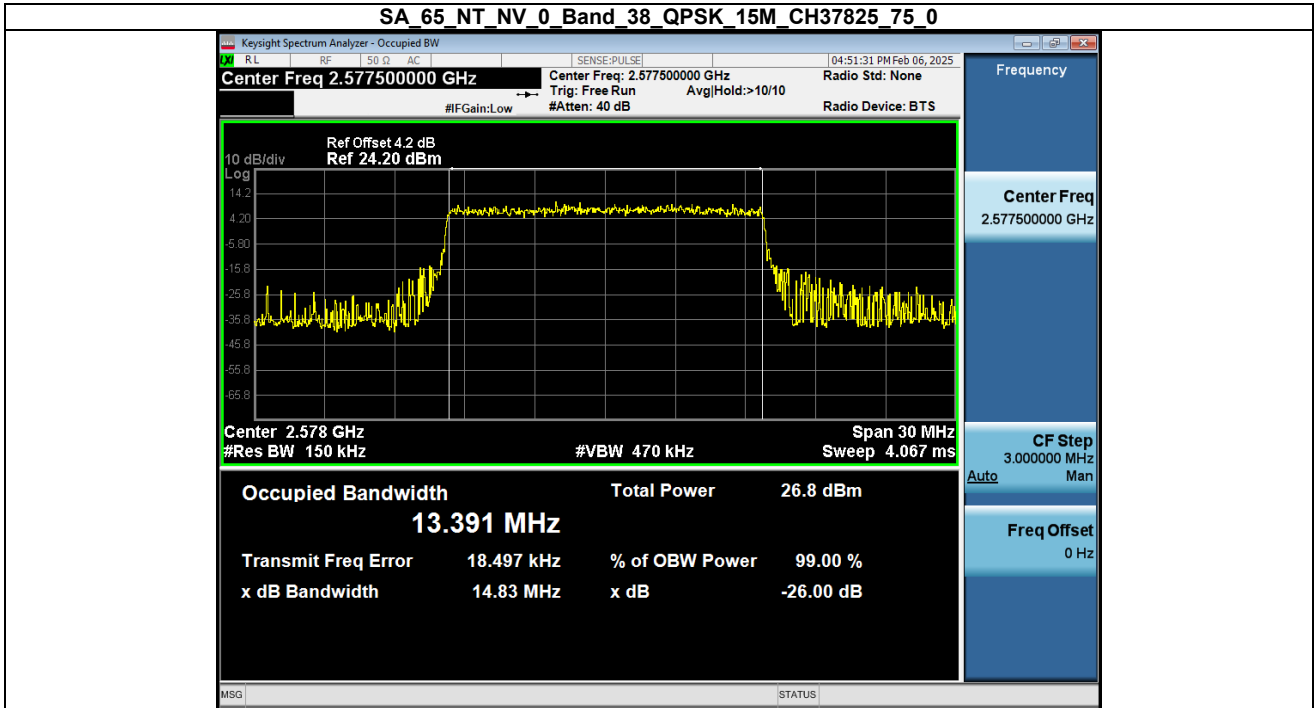
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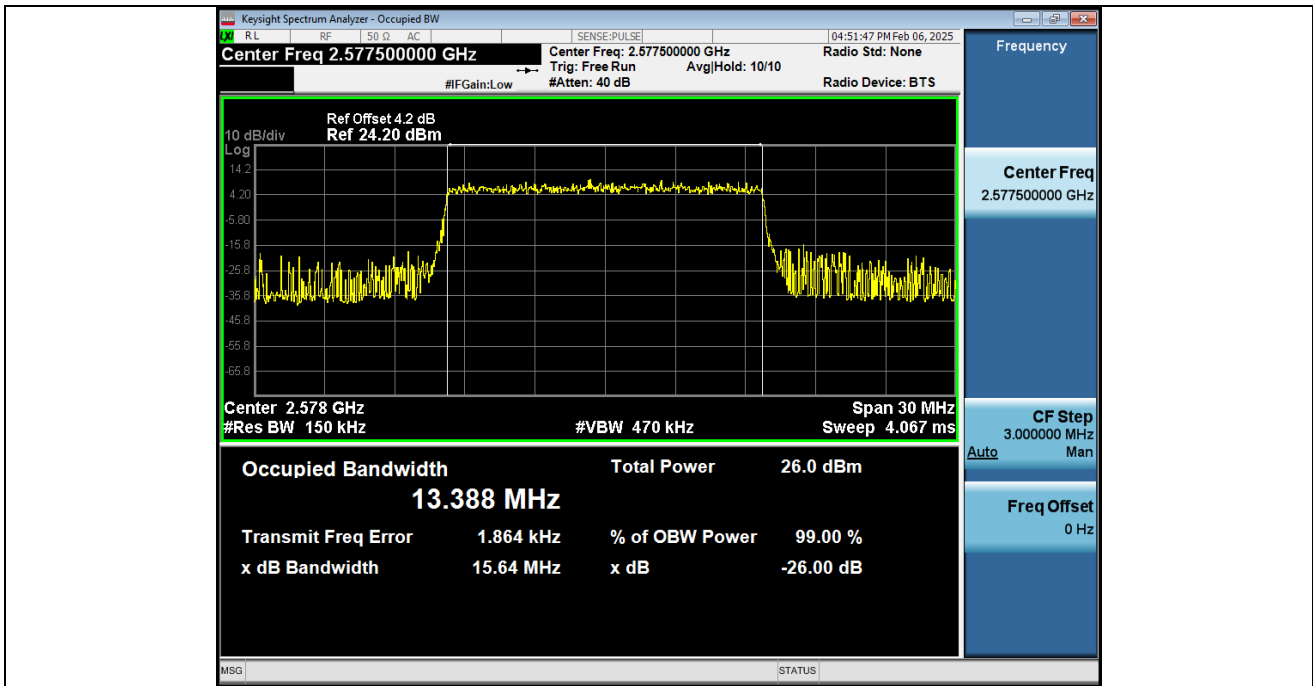
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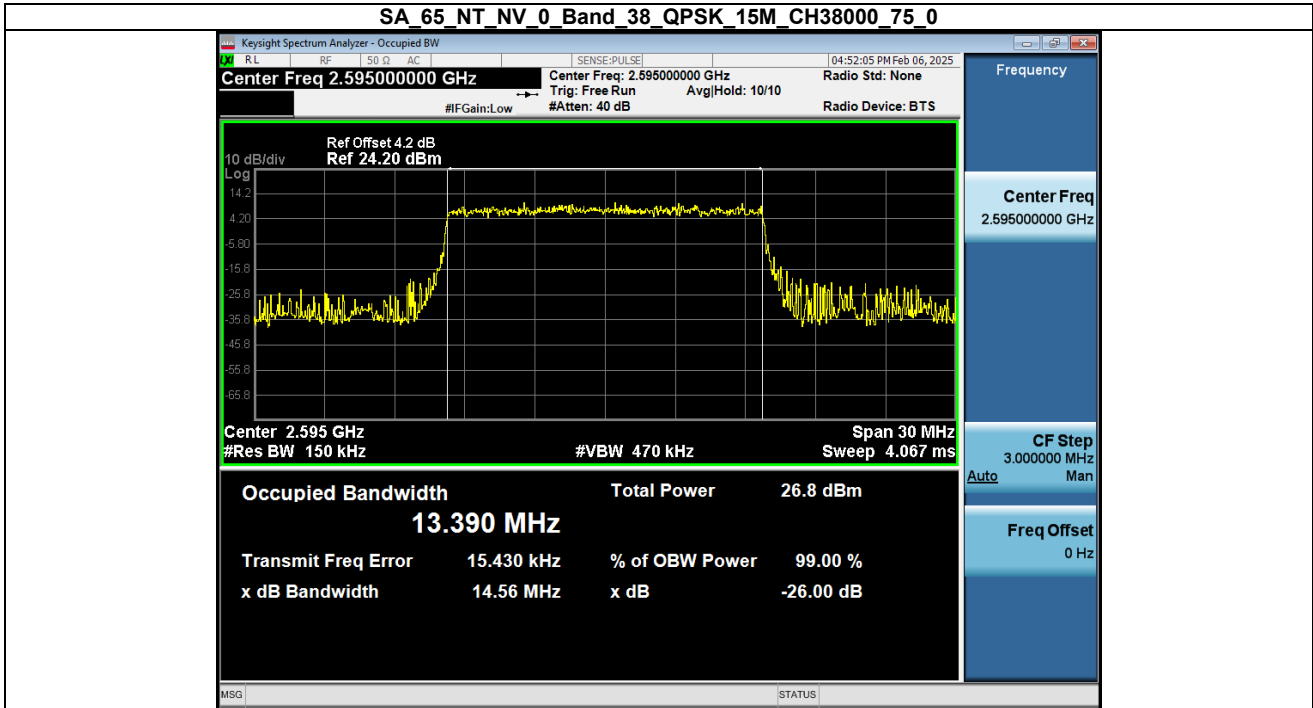
SA_65_NT_NV_0_Band_38_QPSK_15M_CH37825_75_0



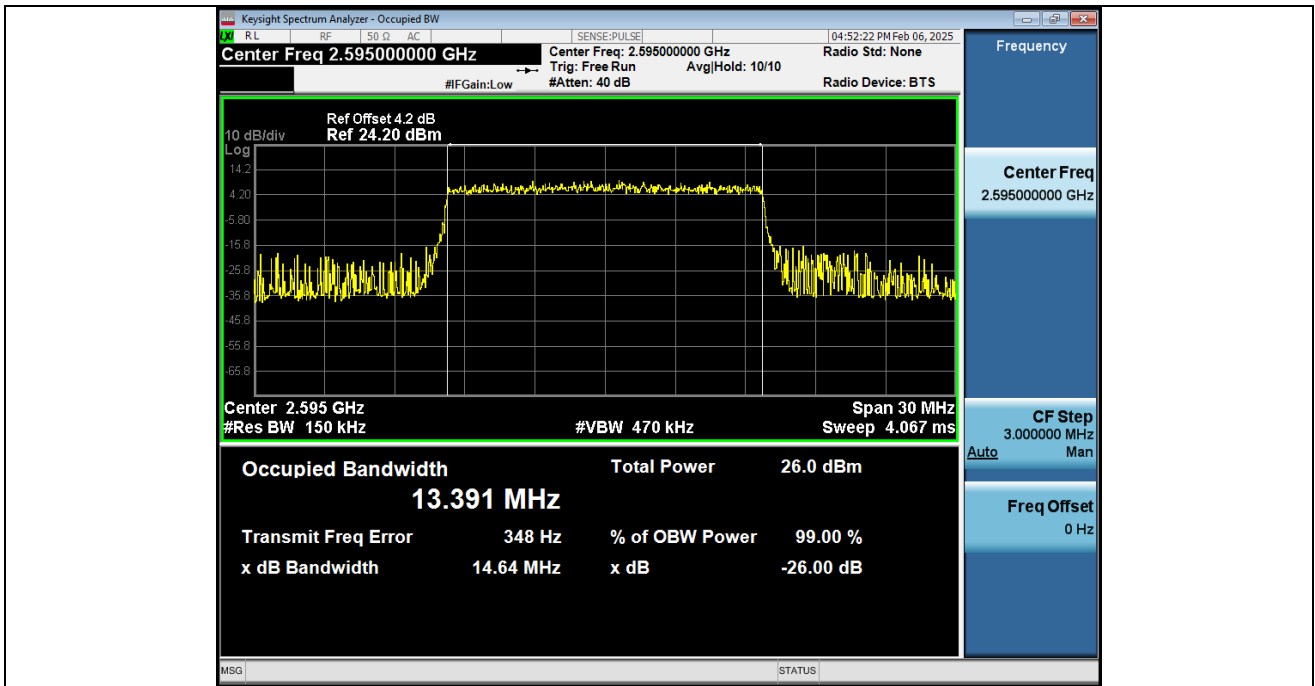
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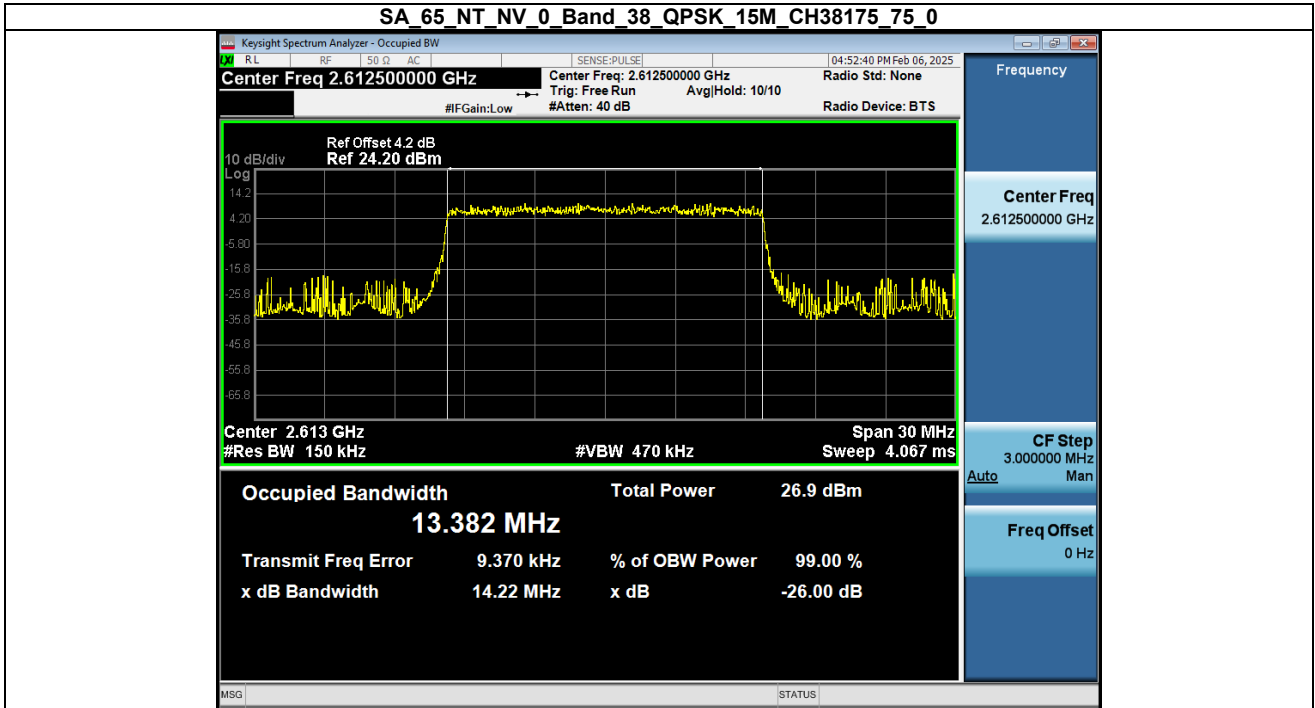
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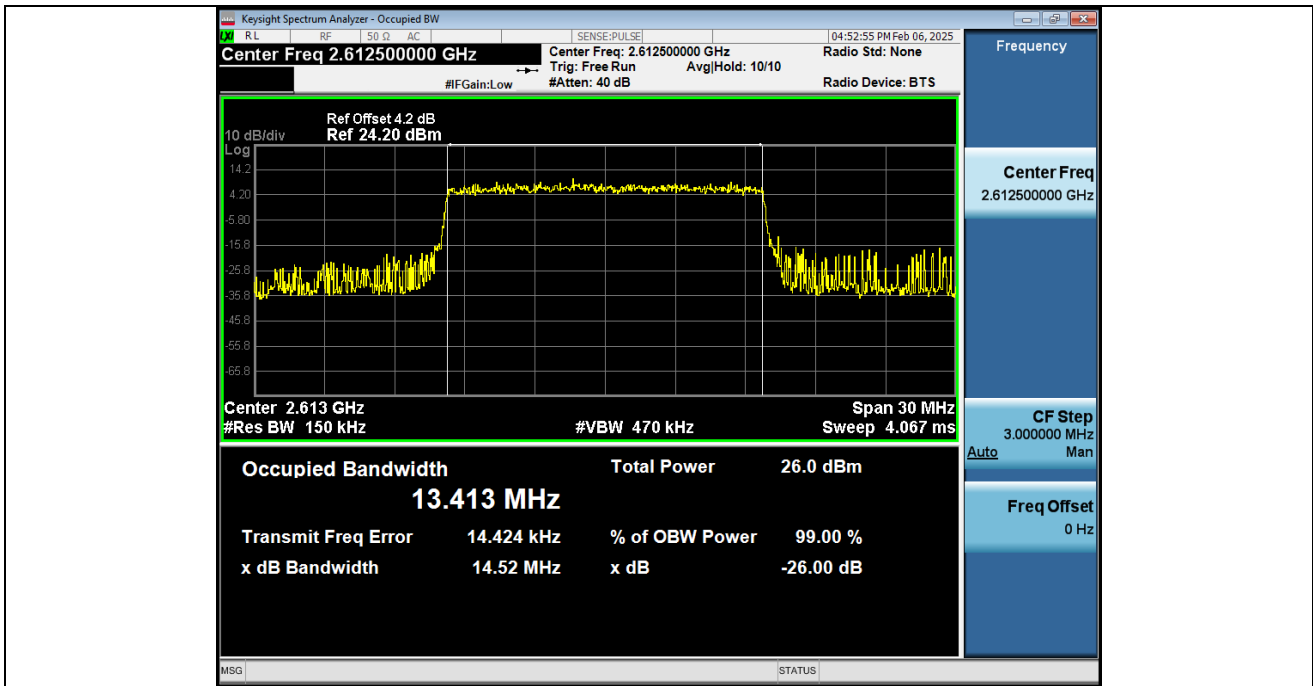
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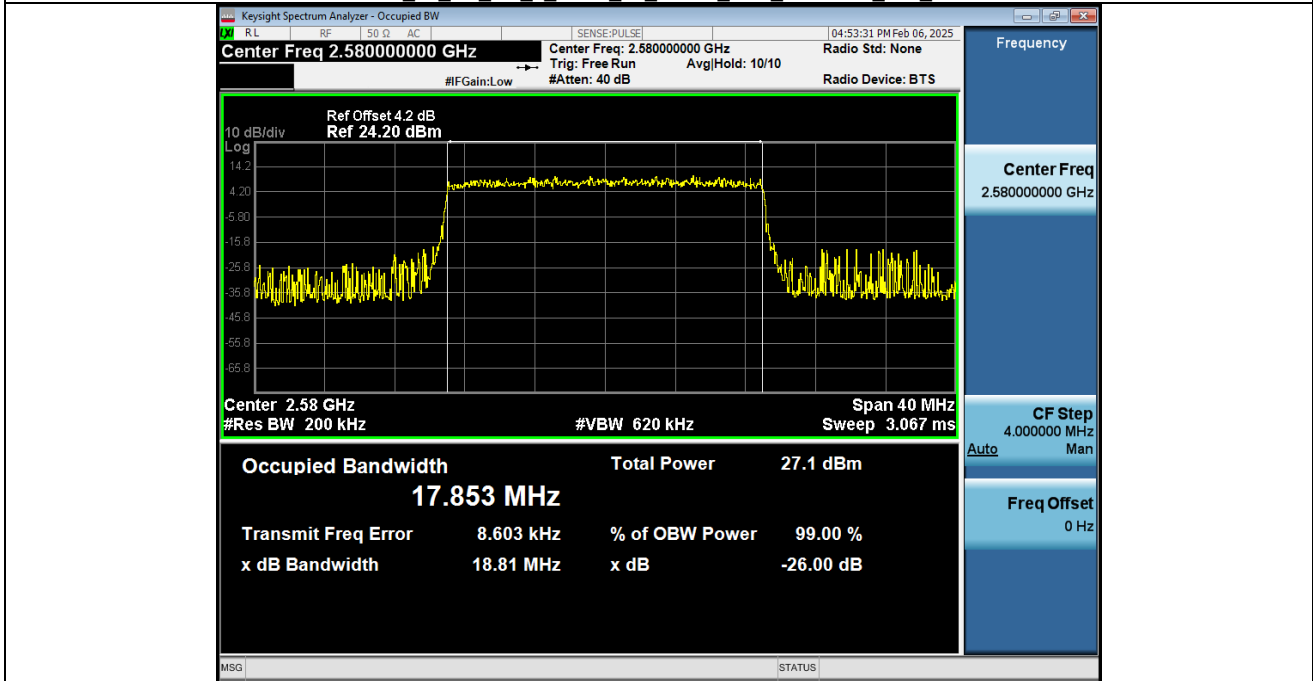
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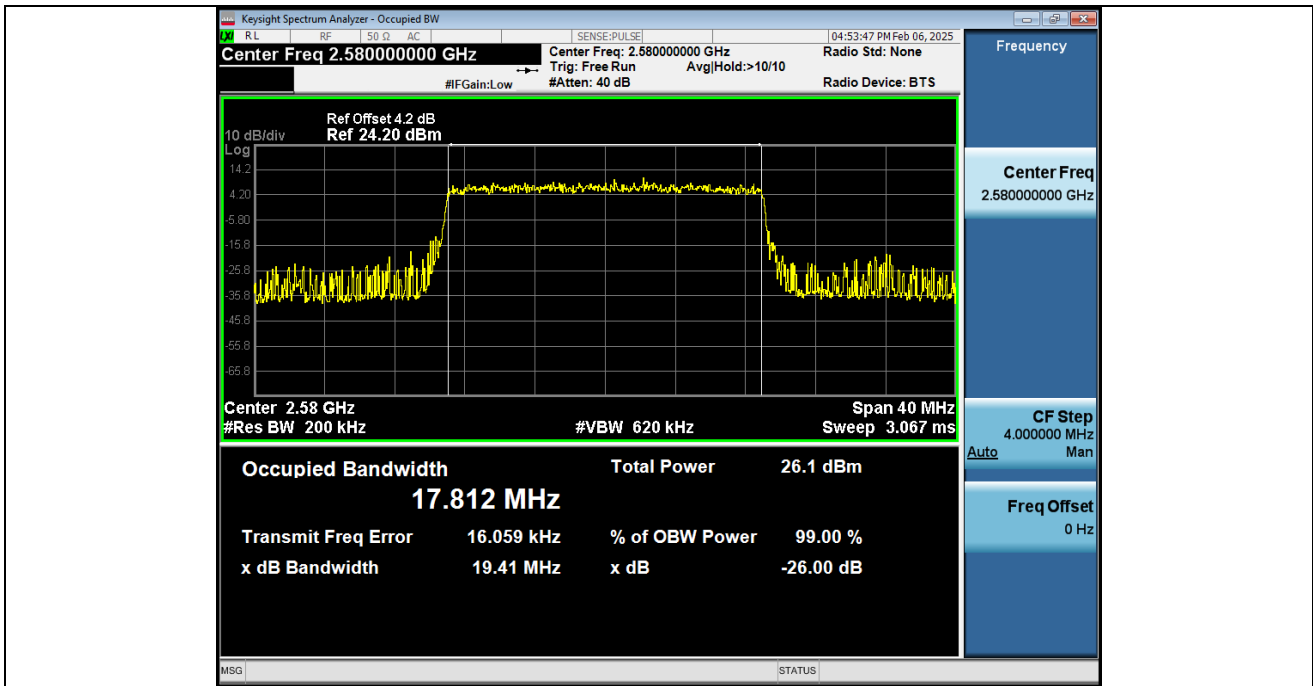
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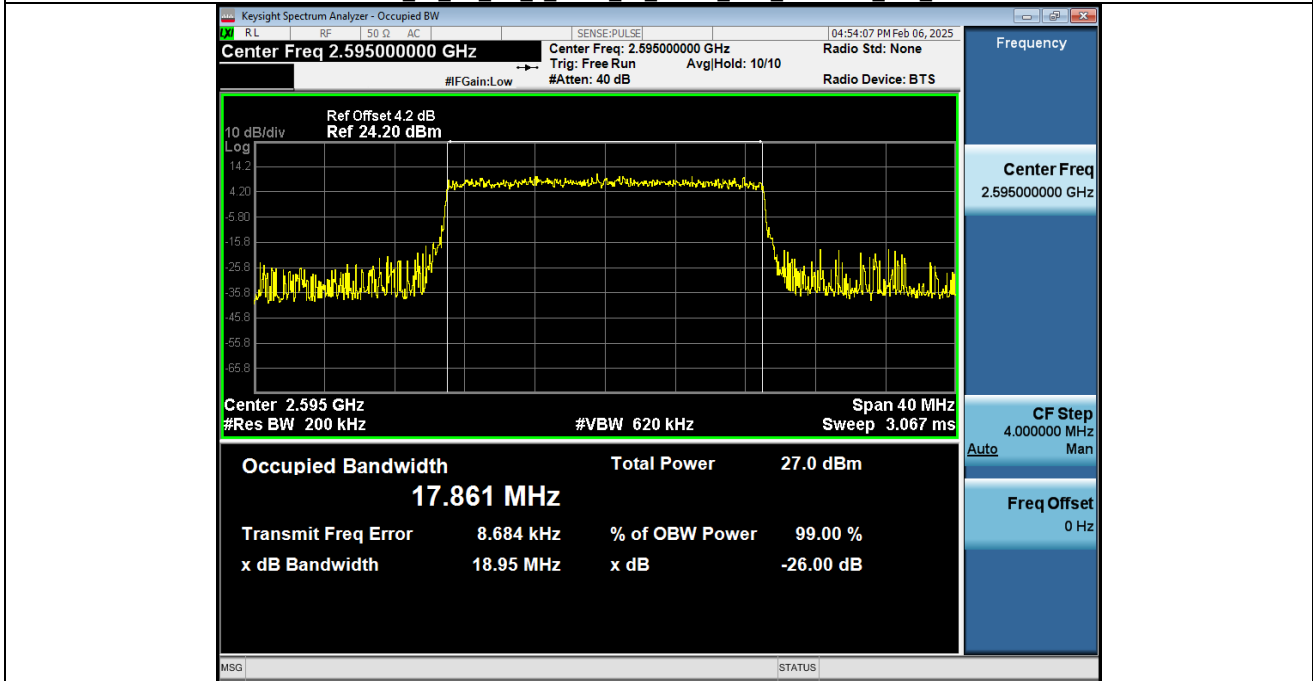
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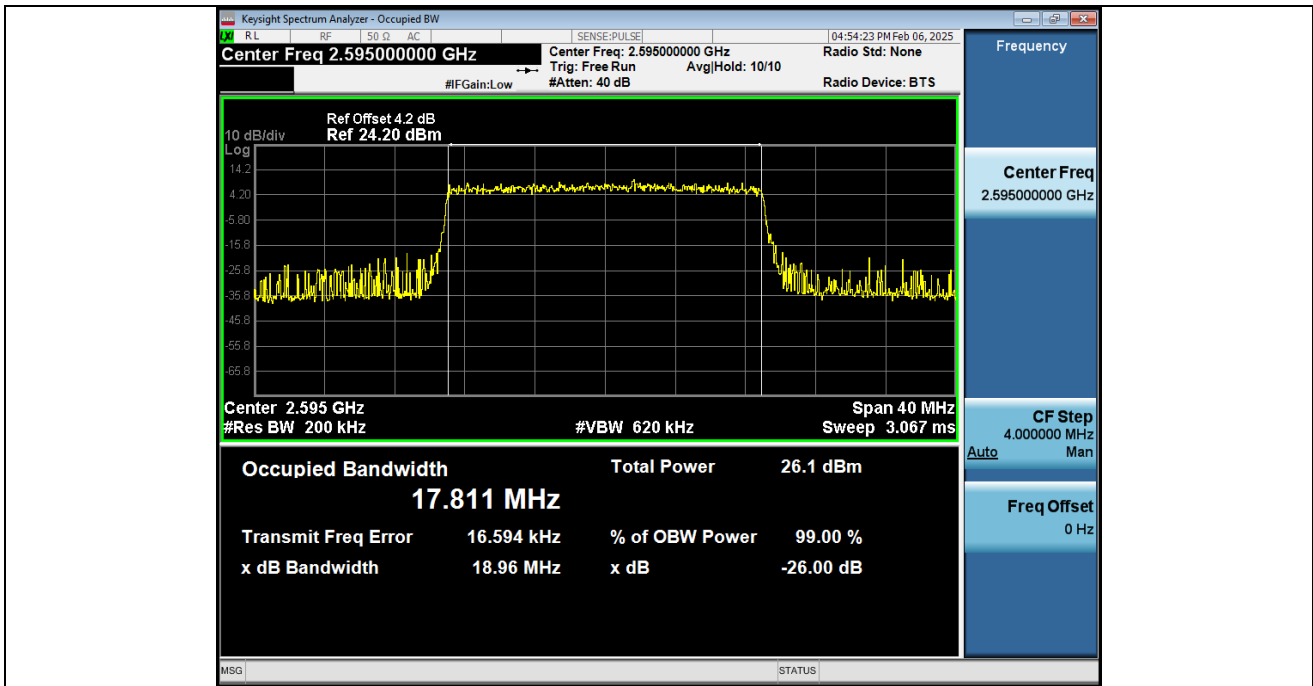
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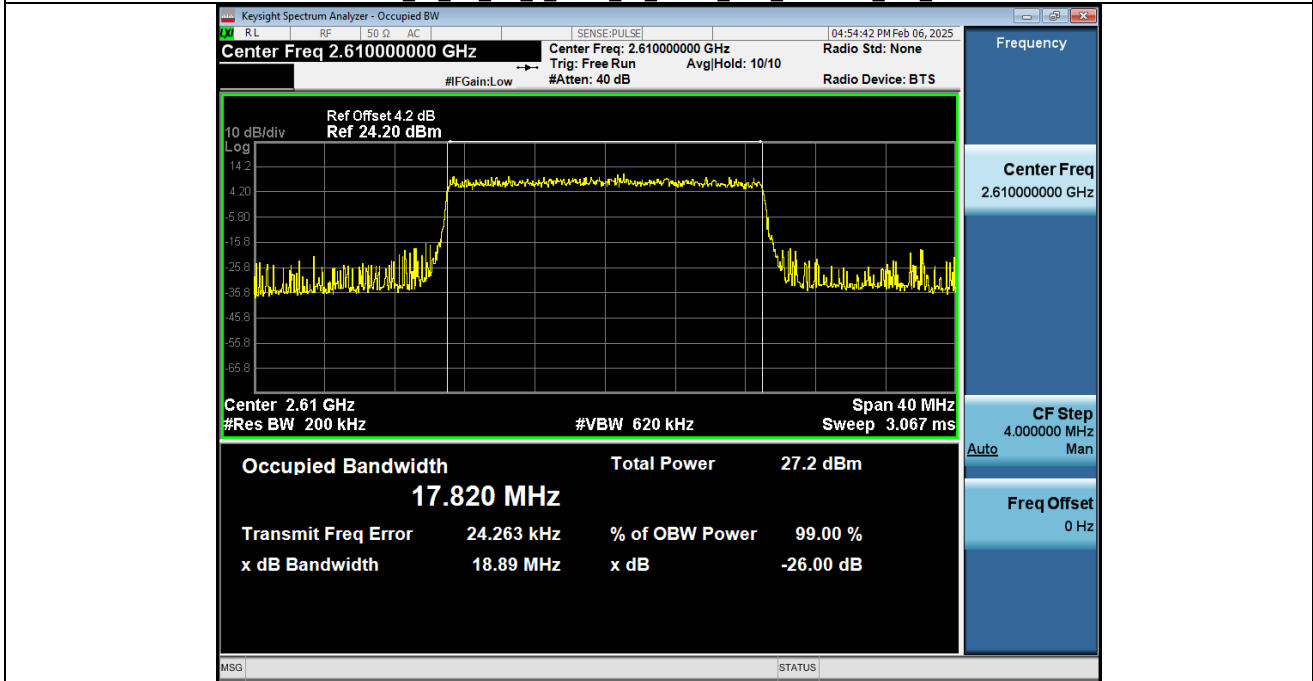
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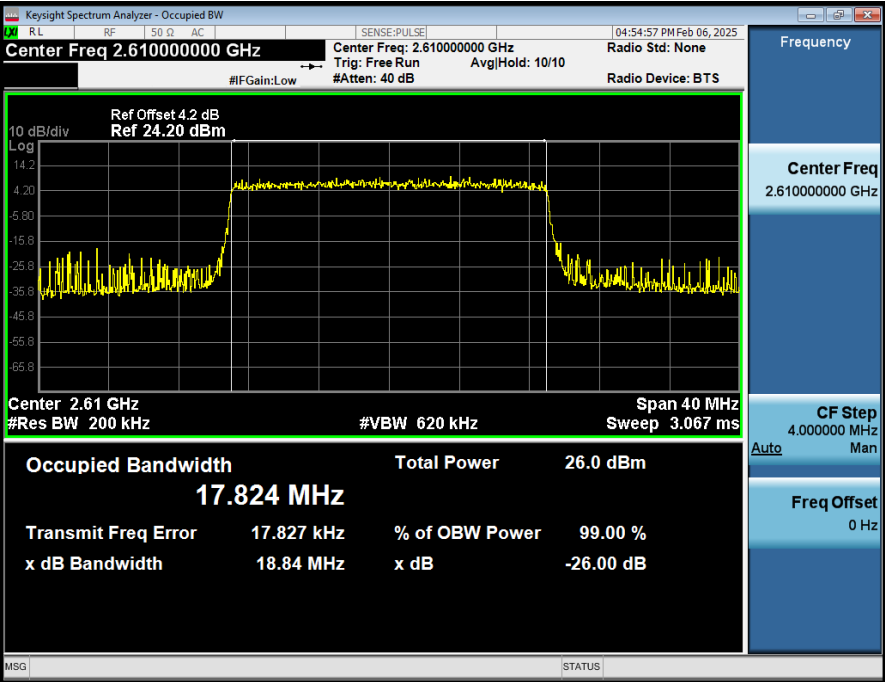
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SA_65_NT_NV_0_Band_38_QPSK_20M_CH38150_100_0



SA_65_NT_NV_0_Band_38_16QAM_20M_CH38150_100_0



4. Unwanted Spurious Emission

Condi tion	Band	Modulation	BW(M Hz)	Frequency(M Hz)	RB_Si ze	RB_st art	RBW(k Hz)	Test Freq Range(MHz)	Spur Freq (MHz)	Spur Level(dB m)	Limit(dB m)	Resu lt
NV_NT	Band 38	QPSK	5M	2572.5	1	0	1000	2545.0~2564.0	2561.624	-29.60	-25	Pass
NV_NT	Band 38	QPSK	5M	2572.5	1	0	1000	2564.0~2565.0	2564.957	-35.58	-13	Pass
NV_NT	Band 38	QPSK	5M	2572.5	1	0	1000	2565.0~2569.0	2568.996	-16.47	-10	Pass
NV_NT	Band 38	QPSK	5M	2572.5	1	0	50.0	2569.0~2570.0	2569.992	-17.11	-10	Pass
NV_NT	Band 38	QPSK	5M	2572.5	25	0	1000	2545.0~2564.0	2563.370	-32.76	-25	Pass
NV_NT	Band 38	QPSK	5M	2572.5	25	0	1000	2564.0~2565.0	2564.993	-28.64	-13	Pass
NV_NT	Band 38	QPSK	5M	2572.5	25	0	1000	2565.0~2569.0	2568.596	-21.32	-10	Pass
NV_NT	Band 38	QPSK	5M	2572.5	25	0	50.0	2569.0~2570.0	2569.996	-30.63	-10	Pass
NV_NT	Band 38	QPSK	5M	2572.5	1	0	1	0.009~0.150	0.009	-53.00	-25	Pass
NV_NT	Band 38	QPSK	5M	2572.5	1	0	10	0.150~30.000	0.152	-55.74	-25	Pass
NV_NT	Band 38	QPSK	5M	2572.5	1	0	100	30.000~1000.000	911.213	-61.52	-25	Pass
NV_NT	Band 38	QPSK	5M	2572.5	1	0	1000	1000.000~2545.000	2520.795	-53.13	-25	Pass
NV_NT	Band 38	QPSK	5M	2572.5	1	0	1000	2640.000~26500.000	24387.595	-41.86	-25	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	1000	2545.0~2564.0	2563.907	-40.78	-25	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	1000	2564.0~2565.0	2564.965	-38.94	-13	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	1000	2565.0~2569.0	2568.979	-27.06	-10	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	50.0	2569.0~2570.0	2570.000	-24.38	-10	Pass
NV_NT	Band 38	16QAM	5M	2572.5	25	0	1000	2545.0~2564.0	2563.851	-42.59	-25	Pass
NV_NT	Band 38	16QAM	5M	2572.5	25	0	1000	2564.0~2565.0	2564.891	-39.78	-13	Pass
NV_NT	Band 38	16QAM	5M	2572.5	25	0	1000	2565.0~2569.0	2568.787	-28.60	-10	Pass
NV_NT	Band 38	16QAM	5M	2572.5	25	0	50.0	2569.0~2570.0	2569.996	-36.34	-10	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	1	0.009~0.150	0.019	-57.05	-25	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	10	0.150~30.000	0.659	-42.57	-25	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	100	30.000~1000.000	83.997	-65.69	-25	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	1000	1000.000~2545.000	2545.000	-53.95	-25	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	1000	2630.000~26500.000	24403.418	-47.20	-25	Pass
NV_NT	Band 38	QPSK	5M	2595.0	25	0	1	0.009~0.150	0.019	-56.83	-25	Pass
NV_NT	Band 38	QPSK	5M	2595.0	25	0	10	0.150~30.000	0.475	-40.93	-25	Pass
NV_NT	Band 38	QPSK	5M	2595.0	25	0	100	30.000~1000.000	83.997	-65.81	-25	Pass
NV_NT	Band 38	QPSK	5M	2595.0	25	0	1000	1000.000~2545.000	2534.185	-58.87	-25	Pass
NV_NT	Band 38	QPSK	5M	2595.0	25	0	1000	2630.000~26500.000	24393.075	-47.21	-25	Pass
NV_NT	Band 38	16QAM	5M	2595.0	25	0	1	0.009~0.150	0.019	-54.58	-25	Pass
NV_NT	Band 38	16QAM	5M	2595.0	25	0	10	0.150~30.000	0.474	-41.41	-25	Pass
NV_NT	Band 38	16QAM	5M	2595.0	25	0	100	30.000~1000.000	83.997	-66.33	-25	Pass

	d 38							0				
NV_NT	Ban d 38	16QAM	5M	2595.0	25	0	1000	1000.000~2545.000	2537.378	-58.93	-25	Pass
NV_NT	Ban d 38	16QAM	5M	2595.0	25	0	1000	2630.000~26500.000	24392.279	-47.29	-25	Pass
NV_NT	Ban d 38	QPSK	5M	2617.5	1	24	50.0	2620.0~2621.0	2620.000	-23.28	-10	Pass
NV_NT	Ban d 38	QPSK	5M	2617.5	1	24	1000	2621.0~2625.0	2621.036	-27.65	-10	Pass
NV_NT	Ban d 38	QPSK	5M	2617.5	1	24	1000	2625.0~2626.0	2625.058	-39.22	-13	Pass
NV_NT	Ban d 38	QPSK	5M	2617.5	1	24	1000	2626.0~2630.0	2626.053	-40.69	-25	Pass
NV_NT	Ban d 38	QPSK	5M	2617.5	25	0	50.0	2620.0~2621.0	2620.001	-34.15	-10	Pass
NV_NT	Ban d 38	QPSK	5M	2617.5	25	0	1000	2621.0~2625.0	2621.310	-25.32	-10	Pass
NV_NT	Ban d 38	QPSK	5M	2617.5	25	0	1000	2625.0~2626.0	2625.074	-38.80	-13	Pass
NV_NT	Ban d 38	QPSK	5M	2617.5	25	0	1000	2626.0~2630.0	2626.046	-38.57	-25	Pass
NV_NT	Ban d 38	QPSK	5M	2617.5	1	24	1	0.009~0.150	0.019	-57.24	-25	Pass
NV_NT	Ban d 38	QPSK	5M	2617.5	1	24	10	0.150~30.000	0.475	-41.67	-25	Pass
NV_NT	Ban d 38	QPSK	5M	2617.5	1	24	100	30.000~1000.000	83.997	-65.33	-25	Pass
NV_NT	Ban d 38	QPSK	5M	2617.5	1	24	1000	1000.000~2545.000	2519.250	-58.82	-25	Pass
NV_NT	Ban d 38	QPSK	5M	2617.5	1	24	1000	2630.000~26500.000	24402.623	-47.05	-25	Pass
NV_NT	Ban d 38	16QAM	5M	2617.5	1	24	50.0	2620.0~2621.0	2620.002	-25.27	-10	Pass
NV_NT	Ban d 38	16QAM	5M	2617.5	1	24	1000	2621.0~2625.0	2621.007	-25.38	-10	Pass
NV_NT	Ban d 38	16QAM	5M	2617.5	1	24	1000	2625.0~2626.0	2625.048	-40.60	-13	Pass
NV_NT	Ban d 38	16QAM	5M	2617.5	1	24	1000	2626.0~2630.0	2626.279	-42.58	-25	Pass
NV_NT	Ban d 38	16QAM	5M	2617.5	25	0	50.0	2620.0~2621.0	2620.004	-36.07	-10	Pass
NV_NT	Ban d 38	16QAM	5M	2617.5	25	0	1000	2621.0~2625.0	2621.305	-30.29	-10	Pass
NV_NT	Ban d 38	16QAM	5M	2617.5	25	0	1000	2625.0~2626.0	2625.596	-38.19	-13	Pass
NV_NT	Ban d 38	16QAM	5M	2617.5	25	0	1000	2626.0~2630.0	2626.213	-36.68	-25	Pass
NV_NT	Ban d 38	16QAM	5M	2617.5	1	24	1	0.009~0.150	0.019	-56.08	-25	Pass
NV_NT	Ban d 38	16QAM	5M	2617.5	1	24	10	0.150~30.000	0.656	-39.47	-25	Pass
NV_NT	Ban d 38	16QAM	5M	2617.5	1	24	100	30.000~1000.000	83.964	-65.96	-25	Pass
NV_NT	Ban d 38	16QAM	5M	2617.5	1	24	1000	1000.000~2545.000	2521.258	-58.94	-25	Pass
NV_NT	Ban d 38	16QAM	5M	2617.5	1	24	1000	2630.000~26500.000	24398.644	-47.18	-25	Pass
NV_NT	Ban d 38	QPSK	10M	2575.0	1	0	1000	2545.0~2560.0	2554.465	-26.72	-25	Pass
NV_NT	Ban d 38	QPSK	10M	2575.0	1	0	1000	2560.0~2565.0	2562.073	-25.43	-13	Pass
NV_NT	Ban d 38	QPSK	10M	2575.0	1	0	1000	2565.0~2569.0	2567.427	-23.26	-10	Pass
NV_NT	Ban d 38	QPSK	10M	2575.0	1	0	100.0	2569.0~2570.0	2569.996	-33.25	-10	Pass
NV_NT	Ban d 38	QPSK	10M	2575.0	50	0	1000	2545.0~2560.0	2559.981	-27.40	-25	Pass
NV_NT	Ban d 38	QPSK	10M	2575.0	50	0	1000	2560.0~2565.0	2563.173	-26.52	-13	Pass
NV_NT	Ban d 38	QPSK	10M	2575.0	50	0	1000	2565.0~2569.0	2568.639	-21.71	-10	Pass
NV_NT	Ban d 38	QPSK	10M	2575.0	50	0	100.0	2569.0~2570.0	2569.006	-33.19	-10	Pass
NV_NT	Ban d 38	QPSK	10M	2575.0	1	0	1	0.009~0.150	0.098	-51.99	-25	Pass
NV_NT	Ban d 38	QPSK	10M	2575.0	1	0	10	0.150~30.000	0.199	-54.48	-25	Pass

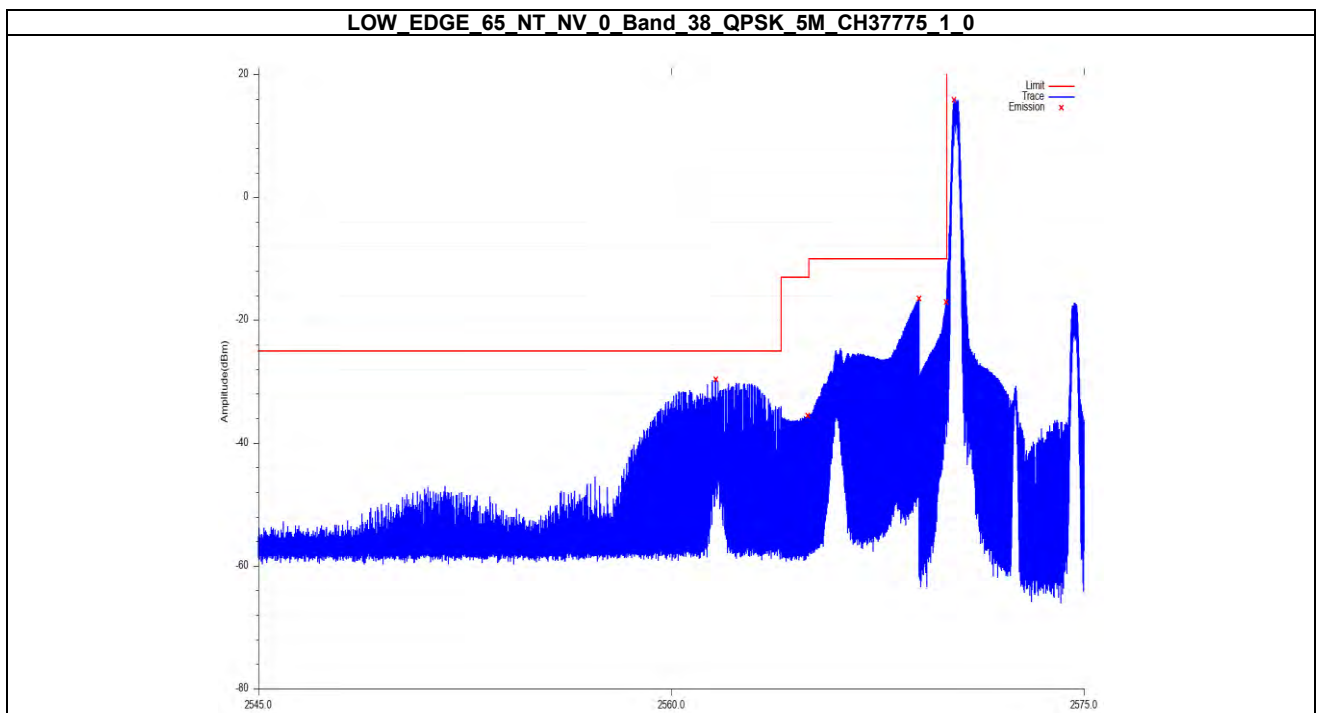
NV_NT	Ban d 38	QPSK	10M	2575.0	1	0	100	30.000~1000.00 0	906.298	-61.72	-25	Pass
NV_NT	Ban d 38	QPSK	10M	2575.0	1	0	1000	1000.000~2545. 000	2543.04 3	-39.61	-25	Pass
NV_NT	Ban d 38	QPSK	10M	2575.0	1	0	1000	2660.000~26500 .000	26388.7 47	-43.34	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2575.0	1	0	1000	2545.0~2560.0	2553.92 6	-28.93	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2575.0	1	0	1000	2560.0~2565.0	2561.77 4	-27.50	-13	Pass
NV_NT	Ban d 38	16QAM	10M	2575.0	1	0	1000	2565.0~2569.0	2568.98 1	-17.67	-10	Pass
NV_NT	Ban d 38	16QAM	10M	2575.0	1	0	100.0	2569.0~2570.0	2569.99 9	-23.24	-10	Pass
NV_NT	Ban d 38	16QAM	10M	2575.0	50	0	1000	2545.0~2560.0	2557.25 1	-27.69	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2575.0	50	0	1000	2560.0~2565.0	2560.99 8	-53.22	-13	Pass
NV_NT	Ban d 38	16QAM	10M	2575.0	50	0	1000	2565.0~2569.0	2568.92 3	-24.91	-10	Pass
NV_NT	Ban d 38	16QAM	10M	2575.0	50	0	100.0	2569.0~2570.0	2569.99 6	-27.46	-10	Pass
NV_NT	Ban d 38	16QAM	10M	2575.0	1	0	1	0.009~0.150	0.098	-52.66	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2575.0	1	0	10	0.150~30.000	0.157	-54.20	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2575.0	1	0	100	30.000~1000.00 0	957.514	-61.93	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2575.0	1	0	1000	1000.000~2545. 000	2545.00 0	-35.89	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2575.0	1	0	1000	2660.000~26500 .000	24372.6 77	-43.51	-25	Pass
NV_NT	Ban d 38	QPSK	10M	2595.0	50	0	1	0.009~0.150	0.010	-54.66	-25	Pass
NV_NT	Ban d 38	QPSK	10M	2595.0	50	0	10	0.150~30.000	0.159	-55.85	-25	Pass
NV_NT	Ban d 38	QPSK	10M	2595.0	50	0	100	30.000~1000.00 0	767.362	-61.62	-25	Pass
NV_NT	Ban d 38	QPSK	10M	2595.0	50	0	1000	1000.000~2545. 000	1766.52 6	-45.67	-25	Pass
NV_NT	Ban d 38	QPSK	10M	2595.0	50	0	1000	2640.000~26500 .000	24637.3 29	-43.16	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2595.0	50	0	1	0.009~0.150	0.010	-54.29	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2595.0	50	0	10	0.150~30.000	0.150	-55.60	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2595.0	50	0	100	30.000~1000.00 0	971.029	-61.79	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2595.0	50	0	1000	1000.000~2545. 000	2535.88 5	-50.11	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2595.0	50	0	1000	2640.000~26500 .000	24524.3 92	-43.18	-25	Pass
NV_NT	Ban d 38	QPSK	10M	2615.0	1	49	100.0	2620.0~2621.0	2620.00 3	-18.37	-10	Pass
NV_NT	Ban d 38	QPSK	10M	2615.0	1	49	1000	2621.0~2625.0	2621.00 9	-17.32	-10	Pass
NV_NT	Ban d 38	QPSK	10M	2615.0	1	49	1000	2625.0~2630.0	2628.26 4	-29.35	-13	Pass
NV_NT	Ban d 38	QPSK	10M	2615.0	1	49	1000	2630.0~2640.0	2639.86 1	-31.07	-25	Pass
NV_NT	Ban d 38	QPSK	10M	2615.0	50	0	100.0	2620.0~2621.0	2620.00 6	-28.84	-10	Pass
NV_NT	Ban d 38	QPSK	10M	2615.0	50	0	1000	2621.0~2625.0	2621.04 6	-22.48	-10	Pass
NV_NT	Ban d 38	QPSK	10M	2615.0	50	0	1000	2625.0~2630.0	2625.15 3	-27.51	-13	Pass
NV_NT	Ban d 38	QPSK	10M	2615.0	50	0	1000	2630.0~2640.0	2635.82 3	-29.05	-25	Pass
NV_NT	Ban d 38	QPSK	10M	2615.0	1	49	1	0.009~0.150	0.098	-51.87	-25	Pass
NV_NT	Ban d 38	QPSK	10M	2615.0	1	49	10	0.150~30.000	0.198	-54.35	-25	Pass
NV_NT	Ban d 38	QPSK	10M	2615.0	1	49	100	30.000~1000.00 0	451.045	-61.27	-25	Pass
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NV_NT	Ban	QPSK	10M	2615.0	1	49	1000	2660.000~26500	24387.7	-41.42	-25	Pass

	d 38							.000	76			
NV_NT	Ban d 38	16QAM	10M	2615.0	1	49	100.0	2620.0~2621.0	2620.00 1	-18.30	-10	Pass
NV_NT	Ban d 38	16QAM	10M	2615.0	1	49	1000	2621.0~2625.0	2621.00 3	-15.61	-10	Pass
NV_NT	Ban d 38	16QAM	10M	2615.0	1	49	1000	2625.0~2630.0	2628.24 2	-24.87	-13	Pass
NV_NT	Ban d 38	16QAM	10M	2615.0	1	49	1000	2630.0~2640.0	2639.30 9	-28.64	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2615.0	50	0	100.0	2620.0~2621.0	2620.30 5	-32.66	-10	Pass
NV_NT	Ban d 38	16QAM	10M	2615.0	50	0	1000	2621.0~2625.0	2621.09 0	-22.03	-10	Pass
NV_NT	Ban d 38	16QAM	10M	2615.0	50	0	1000	2625.0~2630.0	2625.24 9	-27.95	-13	Pass
NV_NT	Ban d 38	16QAM	10M	2615.0	50	0	1000	2630.0~2640.0	2633.62 0	-28.47	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2615.0	1	49	1	0.009~0.150	0.010	-53.58	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2615.0	1	49	10	0.150~30.000	0.167	-56.69	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2615.0	1	49	100	30.000~1000.00 0	58.098	-59.80	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2615.0	1	49	1000	1000.000~2545. 000	2539.69 5	-53.01	-25	Pass
NV_NT	Ban d 38	16QAM	10M	2615.0	1	49	1000	2660.000~26500 .000	24446.5 81	-42.16	-25	Pass
NV_NT	Ban d 38	QPSK	15M	2577.5	1	0	1000	2545.0~2555.0	2545.02 3	-29.82	-25	Pass
NV_NT	Ban d 38	QPSK	15M	2577.5	1	0	1000	2555.0~2565.0	2564.43 0	-25.69	-13	Pass
NV_NT	Ban d 38	QPSK	15M	2577.5	1	0	1000	2565.0~2569.0	2568.97 7	-20.44	-10	Pass
NV_NT	Ban d 38	QPSK	15M	2577.5	1	0	150.0	2569.0~2570.0	2569.99 2	-20.93	-10	Pass
NV_NT	Ban d 38	QPSK	15M	2577.5	75	0	1000	2545.0~2555.0	2554.92 5	-27.51	-25	Pass
NV_NT	Ban d 38	QPSK	15M	2577.5	75	0	1000	2555.0~2565.0	2564.96 5	-26.18	-13	Pass
NV_NT	Ban d 38	QPSK	15M	2577.5	75	0	1000	2565.0~2569.0	2568.12 3	-24.61	-10	Pass
NV_NT	Ban d 38	QPSK	15M	2577.5	75	0	150.0	2569.0~2570.0	2569.98 9	-28.92	-10	Pass
NV_NT	Ban d 38	QPSK	15M	2577.5	1	0	1	0.009~0.150	0.011	-53.67	-25	Pass
NV_NT	Ban d 38	QPSK	15M	2577.5	1	0	10	0.150~30.000	0.150	-55.67	-25	Pass
NV_NT	Ban d 38	QPSK	15M	2577.5	1	0	100	30.000~1000.00 0	779.972	-60.09	-25	Pass
NV_NT	Ban d 38	QPSK	15M	2577.5	1	0	1000	1000.000~2545. 000	2544.48 5	-27.71	-25	Pass
NV_NT	Ban d 38	QPSK	15M	2577.5	1	0	1000	2680.000~26500 .000	24353.8 18	-42.15	-25	Pass
NV_NT	Ban d 38	16QAM	15M	2577.5	1	0	1000	2545.0~2555.0	2545.04 0	-30.74	-25	Pass
NV_NT	Ban d 38	16QAM	15M	2577.5	1	0	1000	2555.0~2565.0	2564.50 6	-26.58	-13	Pass
NV_NT	Ban d 38	16QAM	15M	2577.5	1	0	1000	2565.0~2569.0	2568.99 3	-19.91	-10	Pass
NV_NT	Ban d 38	16QAM	15M	2577.5	1	0	150.0	2569.0~2570.0	2569.99 6	-21.00	-10	Pass
NV_NT	Ban d 38	16QAM	15M	2577.5	75	0	1000	2545.0~2555.0	2554.05 0	-29.90	-25	Pass
NV_NT	Ban d 38	16QAM	15M	2577.5	75	0	1000	2555.0~2565.0	2560.68 6	-25.36	-13	Pass
NV_NT	Ban d 38	16QAM	15M	2577.5	75	0	1000	2565.0~2569.0	2568.42 3	-24.57	-10	Pass
NV_NT	Ban d 38	16QAM	15M	2577.5	75	0	150.0	2569.0~2570.0	2569.99 7	-31.70	-10	Pass
NV_NT	Ban d 38	16QAM	15M	2577.5	1	0	1	0.009~0.150	0.009	-53.04	-25	Pass
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NV_NT	Ban d 38	16QAM	15M	2577.5	1	0	100	30.000~1000.00 0	920.395	-60.96	-25	Pass
NV_NT	Ban d 38	16QAM	15M	2577.5	1	0	1000	1000.000~2545. 000	2542.68 2	-32.67	-25	Pass

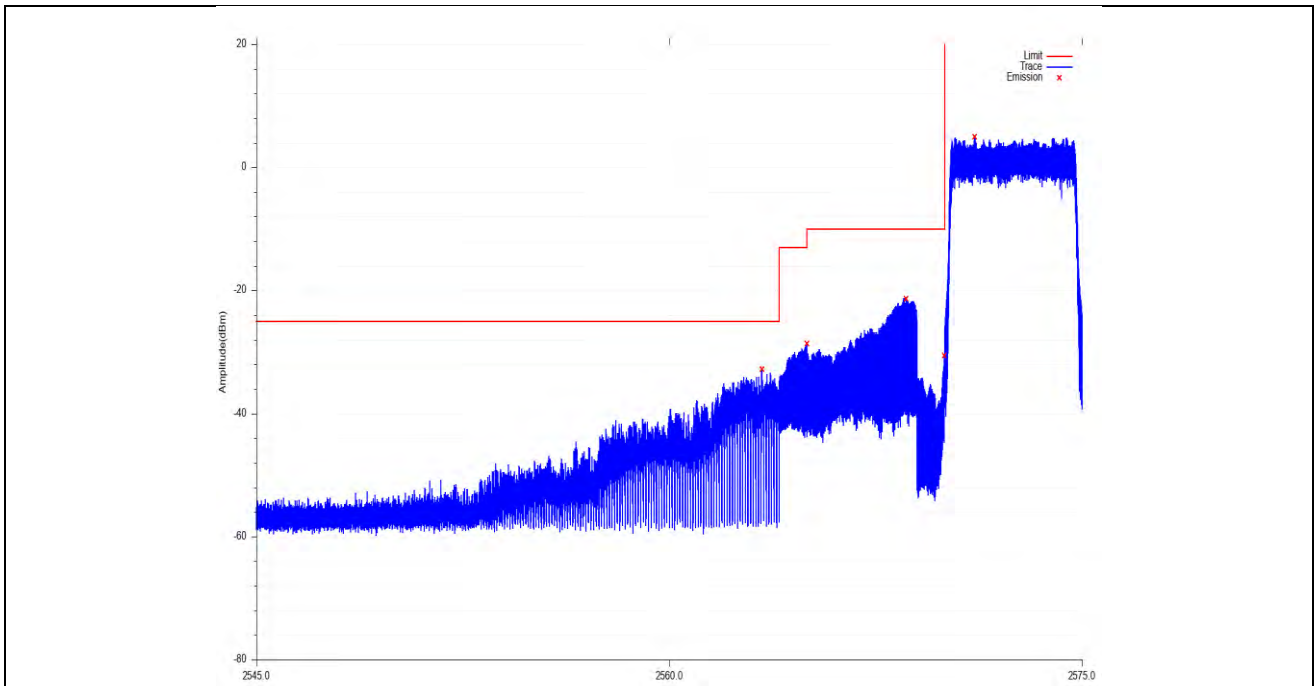
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NV_NT	Ban d 38	QPSK	15M	2595.0	75	0	10	0.150~30.000	0.151	-56.32	-25	Pass
NV_NT	Ban d 38	QPSK	15M	2595.0	75	0	100	30.000~1000.00 0	923.467	-61.56	-25	Pass
NV_NT	Ban d 38	QPSK	15M	2595.0	75	0	1000	1000.000~2545. 000	2544.94 8	-42.16	-25	Pass
NV_NT	Ban d 38	QPSK	15M	2595.0	75	0	1000	2650.000~26500 .000	24367.8 10	-42.14	-25	Pass
NV_NT	Ban d 38	16QAM	15M	2595.0	75	0	1	0.009~0.150	0.098	-52.44	-25	Pass
NV_NT	Ban d 38	16QAM	15M	2595.0	75	0	10	0.150~30.000	0.196	-55.31	-25	Pass
NV_NT	Ban d 38	16QAM	15M	2595.0	75	0	100	30.000~1000.00 0	894.399	-61.15	-25	Pass
NV_NT	Ban d 38	16QAM	15M	2595.0	75	0	1000	1000.000~2545. 000	2541.39 5	-44.46	-25	Pass
NV_NT	Ban d 38	16QAM	15M	2595.0	75	0	1000	2650.000~26500 .000	24395.6 35	-41.69	-25	Pass
NV_NT	Ban d 38	QPSK	15M	2612.5	1	74	150.0	2620.0~2621.0	2620.00 4	-18.22	-10	Pass
NV_NT	Ban d 38	QPSK	15M	2612.5	1	74	1000	2621.0~2625.0	2621.00 8	-18.77	-10	Pass
NV_NT	Ban d 38	QPSK	15M	2612.5	1	74	1000	2625.0~2635.0	2627.66 0	-26.42	-13	Pass
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NV_NT	Ban d 38	QPSK	15M	2612.5	75	0	150.0	2620.0~2621.0	2620.00 9	-25.47	-10	Pass
NV_NT	Ban d 38	QPSK	15M	2612.5	75	0	1000	2621.0~2625.0	2621.74 7	-23.30	-10	Pass
NV_NT	Ban d 38	QPSK	15M	2612.5	75	0	1000	2625.0~2635.0	2632.04 3	-23.02	-13	Pass
NV_NT	Ban d 38	QPSK	15M	2612.5	75	0	1000	2635.0~2650.0	2635.10 1	-28.39	-25	Pass
NV_NT	Ban d 38	QPSK	15M	2612.5	1	74	1	0.009~0.150	0.009	-54.71	-25	Pass
NV_NT	Ban d 38	QPSK	15M	2612.5	1	74	10	0.150~30.000	0.150	-54.40	-25	Pass
NV_NT	Ban d 38	QPSK	15M	2612.5	1	74	100	30.000~1000.00 0	57.904	-58.66	-25	Pass
NV_NT	Ban d 38	QPSK	15M	2612.5	1	74	1000	1000.000~2545. 000	2538.25 3	-45.24	-25	Pass
NV_NT	Ban d 38	QPSK	15M	2612.5	1	74	1000	2680.000~26500 .000	23852.0 10	-42.03	-25	Pass
NV_NT	Ban d 38	16QAM	15M	2612.5	1	74	150.0	2620.0~2621.0	2620.01 1	-21.41	-10	Pass
NV_NT	Ban d 38	16QAM	15M	2612.5	1	74	1000	2621.0~2625.0	2621.00 6	-19.29	-10	Pass
NV_NT	Ban d 38	16QAM	15M	2612.5	1	74	1000	2625.0~2635.0	2626.33 7	-21.57	-13	Pass
NV_NT	Ban d 38	16QAM	15M	2612.5	1	74	1000	2635.0~2650.0	2641.25 1	-31.69	-25	Pass
NV_NT	Ban d 38	16QAM	15M	2612.5	75	0	150.0	2620.0~2621.0	2620.97 1	-31.09	-10	Pass
NV_NT	Ban d 38	16QAM	15M	2612.5	75	0	1000	2621.0~2625.0	2621.06 0	-22.45	-10	Pass
NV_NT	Ban d 38	16QAM	15M	2612.5	75	0	1000	2625.0~2635.0	2628.70 7	-26.44	-13	Pass
NV_NT	Ban d 38	16QAM	15M	2612.5	75	0	1000	2635.0~2650.0	2640.69 9	-28.28	-25	Pass
NV_NT	Ban d 38	16QAM	15M	2612.5	1	74	1	0.009~0.150	0.098	-51.60	-25	Pass
NV_NT	Ban d 38	16QAM	15M	2612.5	1	74	10	0.150~30.000	1.574	-55.10	-25	Pass
NV_NT	Ban d 38	16QAM	15M	2612.5	1	74	100	30.000~1000.00 0	938.243	-60.80	-25	Pass
NV_NT	Ban d 38	16QAM	15M	2612.5	1	74	1000	1000.000~2545. 000	1777.75 3	-50.15	-25	Pass
NV_NT	Ban d 38	16QAM	15M	2612.5	1	74	1000	2680.000~26500 .000	24421.3 08	-41.44	-25	Pass
NV_NT	Ban d 38	QPSK	20M	2580.0	100	0	1000	2545.0~2550.0	2549.99 8	-30.73	-25	Pass
NV_NT	Ban	QPSK	20M	2580.0	100	0	1000	2550.0~2565.0	2551.06	-29.29	-13	Pass

	d 38								4			
NV_NT	Ban d 38	QPSK	20M	2580.0	100	0	1000	2565.0~2569.0	2568.96 4	-28.87	-10	Pass
NV_NT	Ban d 38	QPSK	20M	2580.0	100	0	200.0	2569.0~2570.0	2569.99 1	-34.09	-10	Pass
NV_NT	Ban d 38	QPSK	20M	2580.0	1	0	1000	2545.0~2550.0	2548.90 1	-36.30	-25	Pass
NV_NT	Ban d 38	QPSK	20M	2580.0	1	0	1000	2550.0~2565.0	2553.29 9	-27.89	-13	Pass
NV_NT	Ban d 38	QPSK	20M	2580.0	1	0	1000	2565.0~2569.0	2568.96 9	-22.14	-10	Pass
NV_NT	Ban d 38	QPSK	20M	2580.0	1	0	200.0	2569.0~2570.0	2570.00 0	-22.42	-10	Pass
NV_NT	Ban d 38	QPSK	20M	2580.0	1	0	1	0.009~0.150	0.012	-53.01	-25	Pass
NV_NT	Ban d 38	QPSK	20M	2580.0	1	0	10	0.150~30.000	0.156	-55.45	-25	Pass
NV_NT	Ban d 38	QPSK	20M	2580.0	1	0	100	30.000~1000.00 0	997.898	-61.18	-25	Pass
NV_NT	Ban d 38	QPSK	20M	2580.0	1	0	1000	1000.000~2545. 000	2534.39 1	-27.71	-25	Pass
NV_NT	Ban d 38	QPSK	20M	2580.0	1	0	1000	2700.000~26500 .000	24374.6 60	-41.76	-25	Pass
NV_NT	Ban d 38	16QAM	20M	2580.0	100	0	1000	2545.0~2550.0	2549.92 3	-31.05	-25	Pass
NV_NT	Ban d 38	16QAM	20M	2580.0	100	0	1000	2550.0~2565.0	2564.72 7	-26.65	-13	Pass
NV_NT	Ban d 38	16QAM	20M	2580.0	100	0	1000	2565.0~2569.0	2565.00 6	-26.97	-10	Pass
NV_NT	Ban d 38	16QAM	20M	2580.0	100	0	200.0	2569.0~2570.0	2569.85 6	-32.97	-10	Pass
NV_NT	Ban d 38	16QAM	20M	2580.0	1	0	1000	2545.0~2550.0	2549.90 5	-41.80	-25	Pass
NV_NT	Ban d 38	16QAM	20M	2580.0	1	0	1000	2550.0~2565.0	2553.28 4	-30.22	-13	Pass
NV_NT	Ban d 38	16QAM	20M	2580.0	1	0	1000	2565.0~2569.0	2568.93 1	-21.69	-10	Pass
NV_NT	Ban d 38	16QAM	20M	2580.0	1	0	200.0	2569.0~2570.0	2569.99 6	-22.93	-10	Pass
NV_NT	Ban d 38	16QAM	20M	2580.0	1	0	1	0.009~0.150	0.009	-53.62	-25	Pass
NV_NT	Ban d 38	16QAM	20M	2580.0	1	0	10	0.150~30.000	0.153	-55.68	-25	Pass
NV_NT	Ban d 38	16QAM	20M	2580.0	1	0	100	30.000~1000.00 0	953.731	-60.44	-25	Pass
NV_NT	Ban d 38	16QAM	20M	2580.0	1	0	1000	1000.000~2545. 000	2534.39 1	-29.66	-25	Pass
NV_NT	Ban d 38	16QAM	20M	2580.0	1	0	1000	2700.000~26500 .000	24396.0 80	-42.04	-25	Pass
NV_NT	Ban d 38	QPSK	20M	2595.0	100	0	1	0.009~0.150	0.010	-53.47	-25	Pass
NV_NT	Ban d 38	QPSK	20M	2595.0	100	0	10	0.150~30.000	0.161	-56.98	-25	Pass
NV_NT	Ban d 38	QPSK	20M	2595.0	100	0	100	30.000~1000.00 0	827.340	-61.31	-25	Pass
NV_NT	Ban d 38	QPSK	20M	2595.0	100	0	1000	1000.000~2545. 000	2539.23 2	-40.21	-25	Pass
NV_NT	Ban d 38	QPSK	20M	2595.0	100	0	1000	2660.000~26500 .000	24331.3 55	-41.92	-25	Pass
NV_NT	Ban d 38	16QAM	20M	2595.0	100	0	1	0.009~0.150	0.010	-54.07	-25	Pass
NV_NT	Ban d 38	16QAM	20M	2595.0	100	0	10	0.150~30.000	0.169	-56.57	-25	Pass
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NV_NT	Ban d 38	16QAM	20M	2595.0	100	0	1000	1000.000~2545. 000	2542.73 4	-43.61	-25	Pass
NV_NT	Ban d 38	16QAM	20M	2595.0	100	0	1000	2660.000~26500 .000	24348.0 43	-41.84	-25	Pass
NV_NT	Ban d 38	QPSK	20M	2610.0	100	0	200.0	2620.0~2621.0	2620.00 4	-28.51	-10	Pass
NV_NT	Ban d 38	QPSK	20M	2610.0	100	0	1000	2621.0~2625.0	2622.22 0	-25.46	-10	Pass
NV_NT	Ban d 38	QPSK	20M	2610.0	100	0	1000	2625.0~2640.0	2631.36 1	-25.54	-13	Pass
NV_NT	Ban d 38	QPSK	20M	2610.0	100	0	1000	2640.0~2660.0	2641.53 1	-31.24	-25	Pass

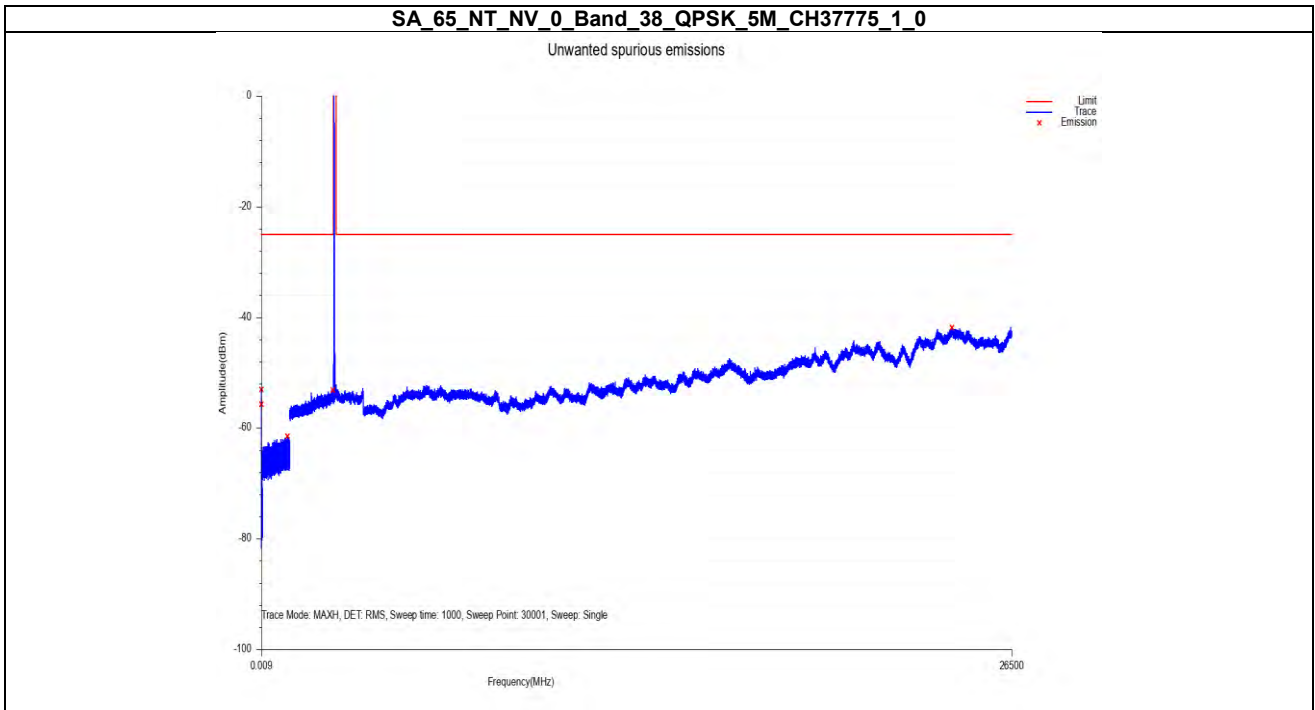
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NV_NT	Band 38	QPSK	20M	2610.0	1	100	1000	2625.0~2640.0	2638.187	-22.20	-13	Pass
NV_NT	Band 38	QPSK	20M	2610.0	1	100	1000	2640.0~2660.0	2640.119	-28.72	-25	Pass
NV_NT	Band 38	QPSK	20M	2610.0	1	100	1	0.009~0.150	0.010	-54.12	-25	Pass
NV_NT	Band 38	QPSK	20M	2610.0	1	100	10	0.150~30.000	0.157	-54.86	-25	Pass
NV_NT	Band 38	QPSK	20M	2610.0	1	100	100	30.000~1000.000	39.862	-57.73	-25	Pass
NV_NT	Band 38	QPSK	20M	2610.0	1	100	1000	1000.000~2545.000	2539.953	-45.91	-25	Pass
NV_NT	Band 38	QPSK	20M	2610.0	1	100	1000	2700.000~26500.000	24368.313	-41.63	-25	Pass
NV_NT	Band 38	16QAM	20M	2610.0	100	0	200.0	2620.0~2621.0	2620.134	-31.69	-10	Pass
NV_NT	Band 38	16QAM	20M	2610.0	100	0	1000	2621.0~2625.0	2621.053	-26.77	-10	Pass
NV_NT	Band 38	16QAM	20M	2610.0	100	0	1000	2625.0~2640.0	2632.783	-24.64	-13	Pass
NV_NT	Band 38	16QAM	20M	2610.0	100	0	1000	2640.0~2660.0	2644.442	-29.77	-25	Pass
NV_NT	Band 38	16QAM	20M	2610.0	1	100	200.0	2620.0~2621.0	2620.782	-37.83	-10	Pass
NV_NT	Band 38	16QAM	20M	2610.0	1	100	1000	2621.0~2625.0	2621.381	-31.15	-10	Pass
NV_NT	Band 38	16QAM	20M	2610.0	1	100	1000	2625.0~2640.0	2639.539	-22.46	-13	Pass
NV_NT	Band 38	16QAM	20M	2610.0	1	100	1000	2640.0~2660.0	2640.015	-28.10	-25	Pass
NV_NT	Band 38	16QAM	20M	2610.0	1	100	1	0.009~0.150	0.009	-54.98	-25	Pass
NV_NT	Band 38	16QAM	20M	2610.0	1	100	10	0.150~30.000	0.151	-56.62	-25	Pass
NV_NT	Band 38	16QAM	20M	2610.0	1	100	100	30.000~1000.000	39.862	-58.23	-25	Pass
NV_NT	Band 38	16QAM	20M	2610.0	1	100	1000	1000.000~2545.000	2543.970	-45.28	-25	Pass
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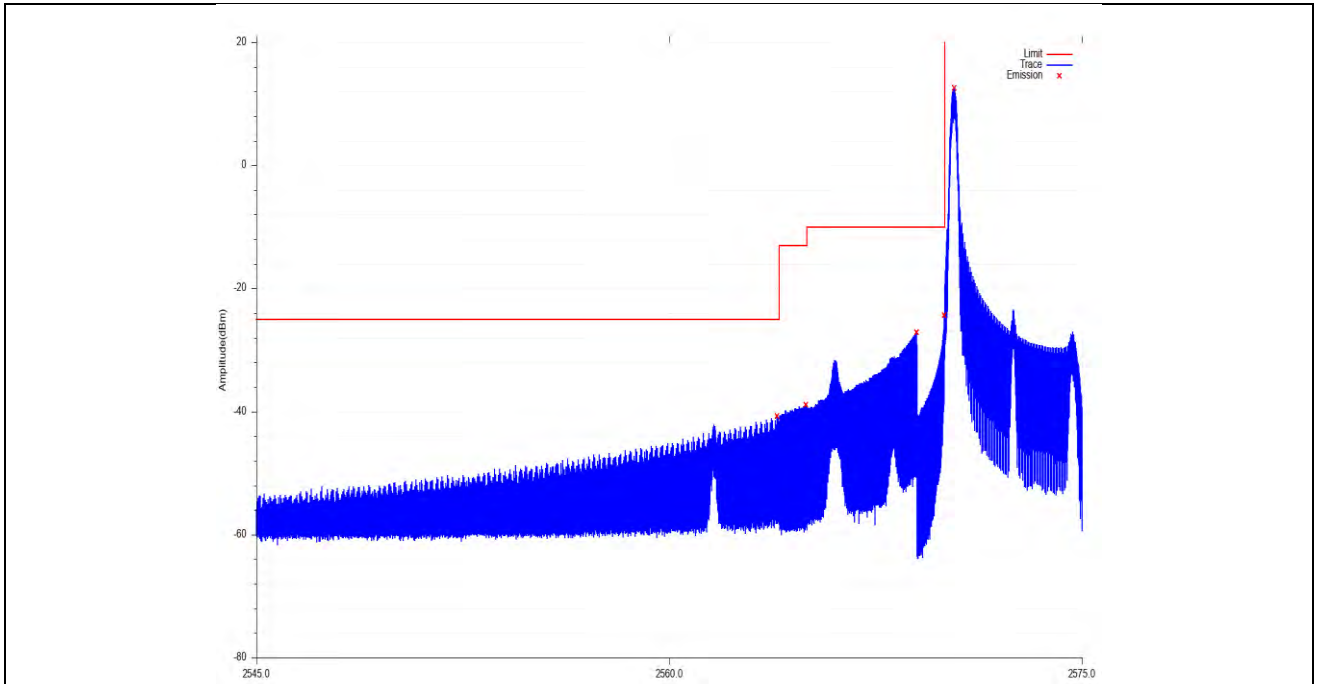
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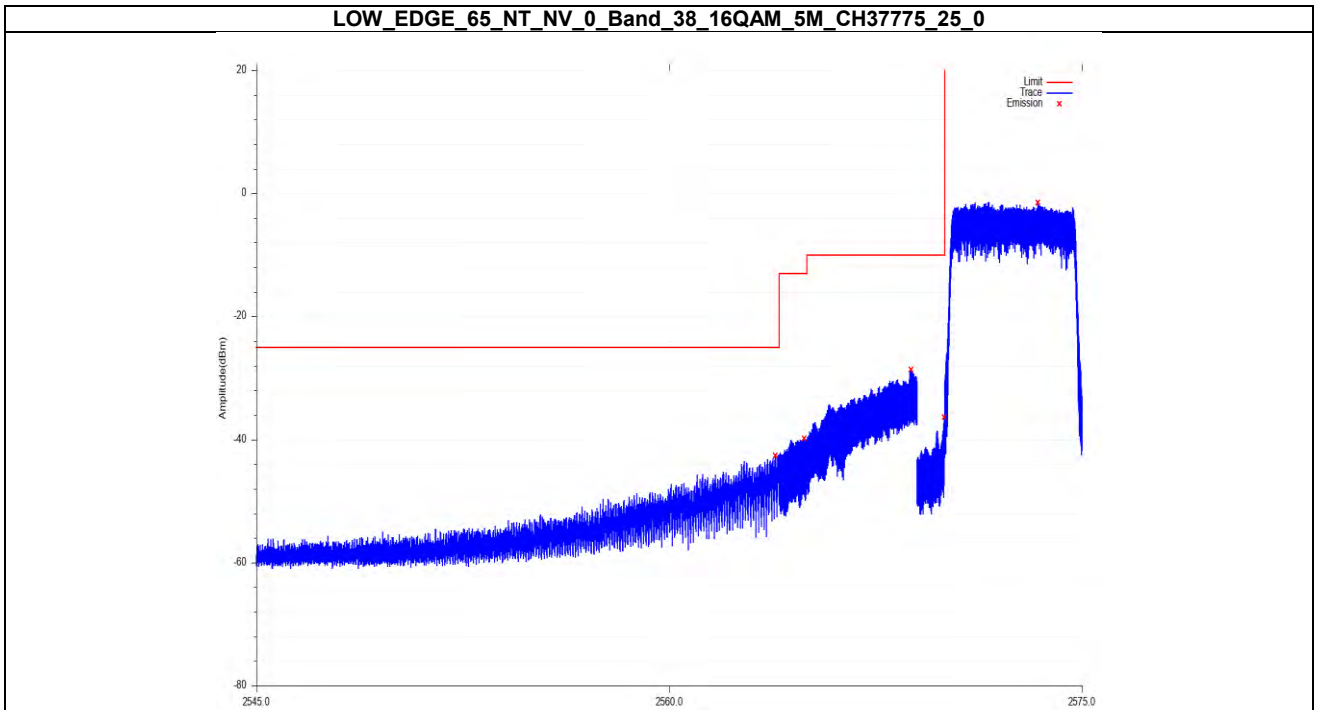
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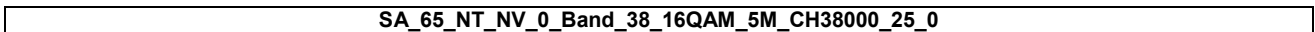
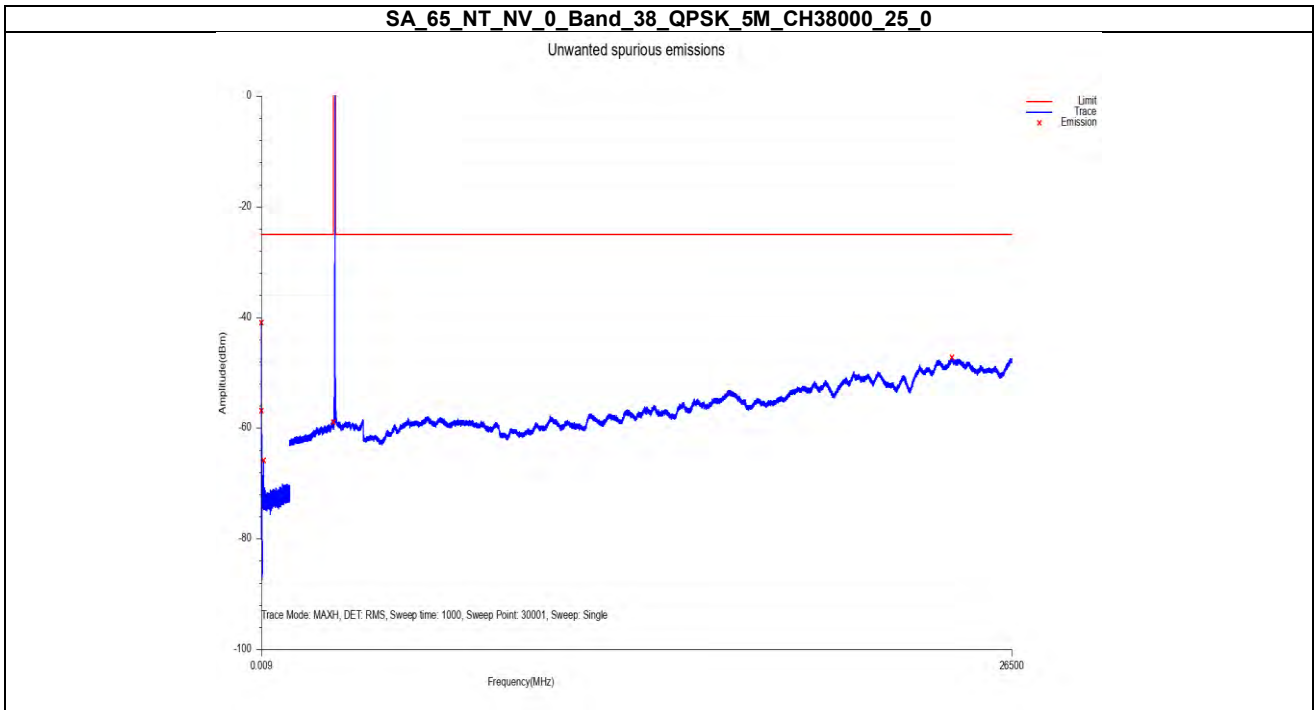
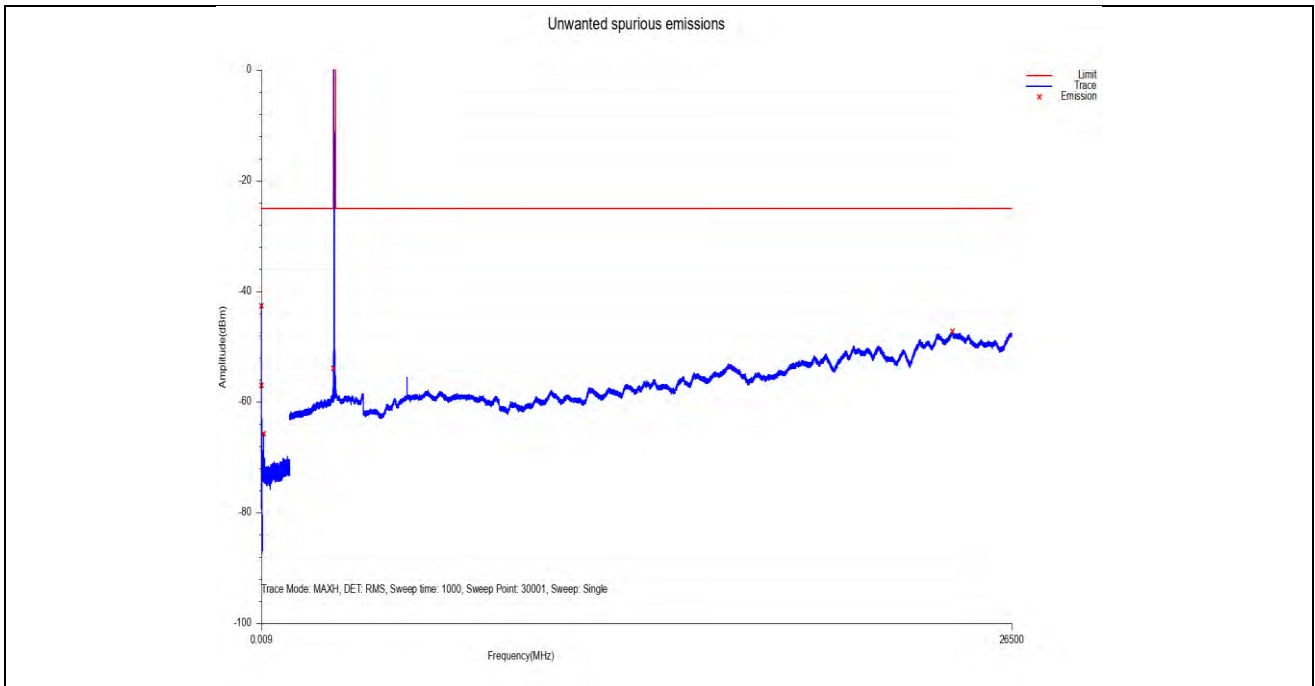
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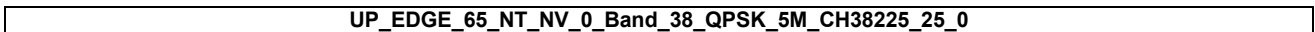
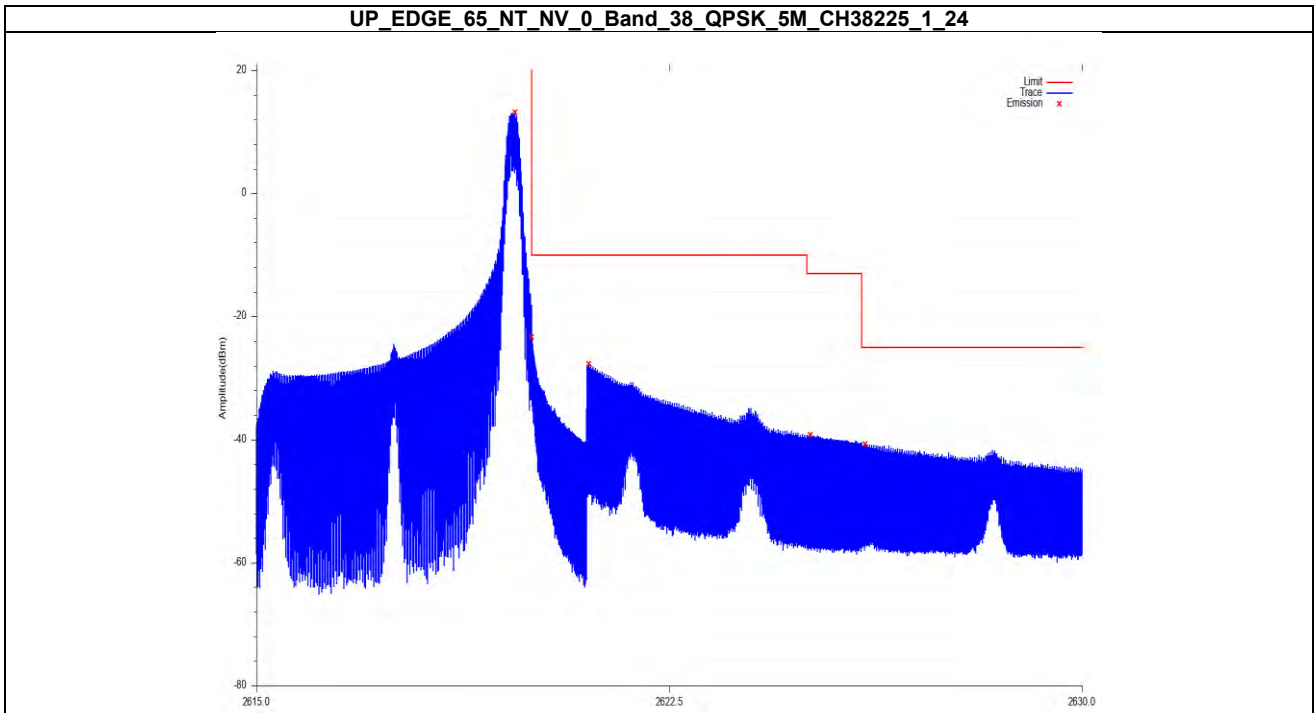
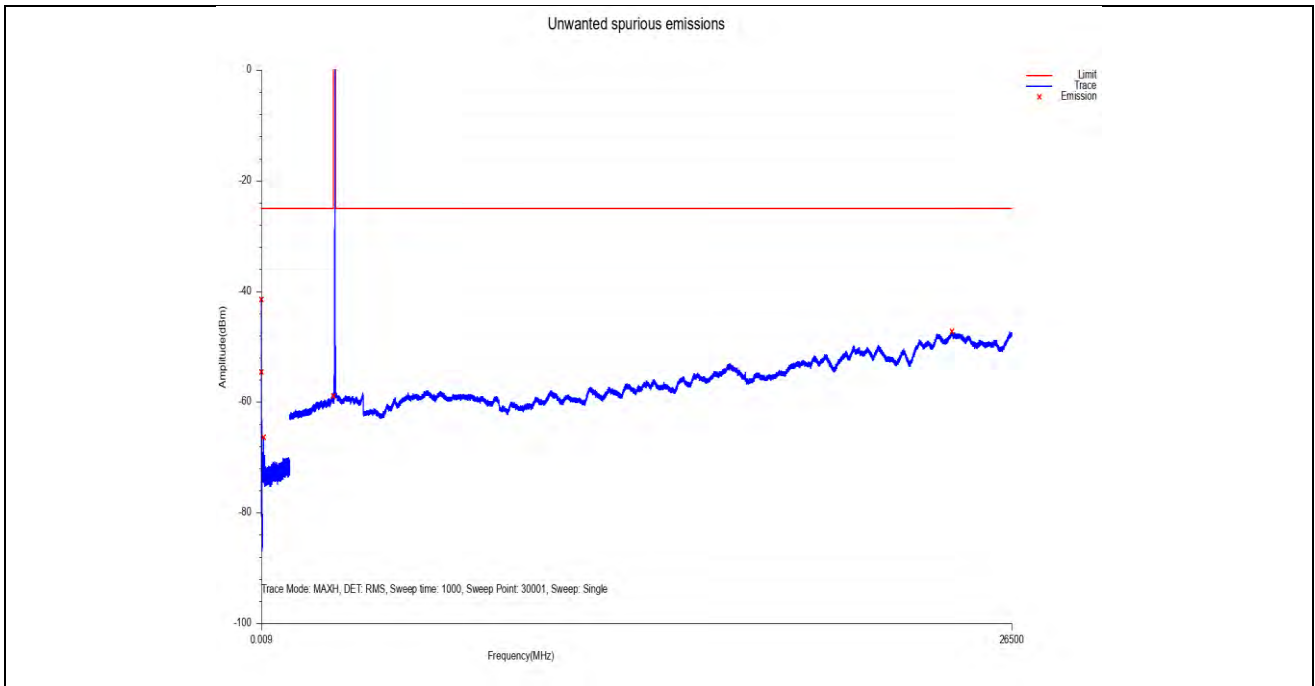


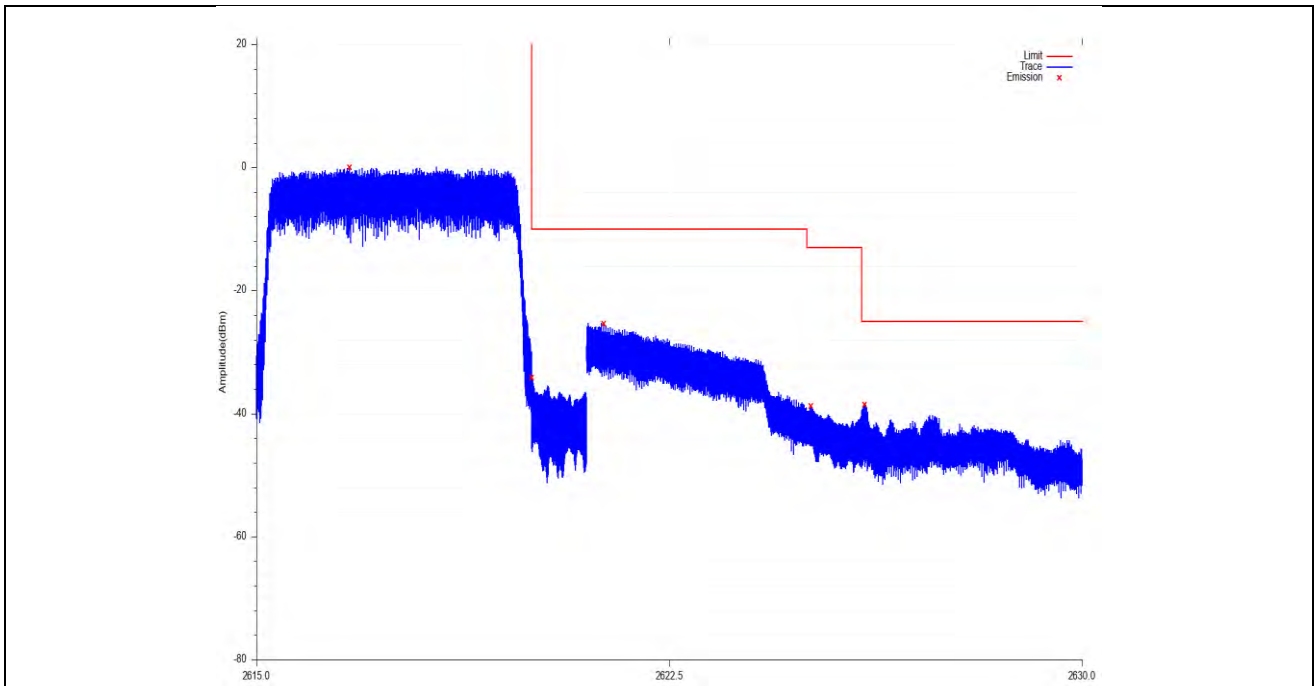
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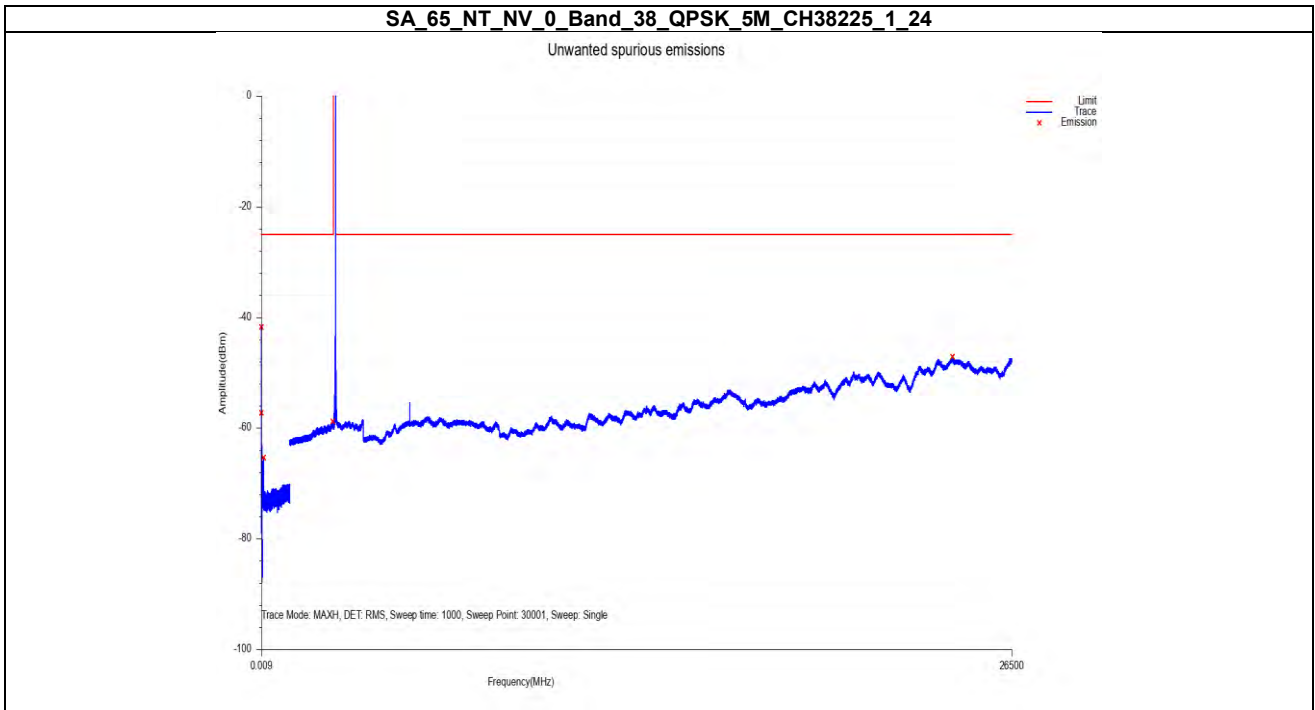
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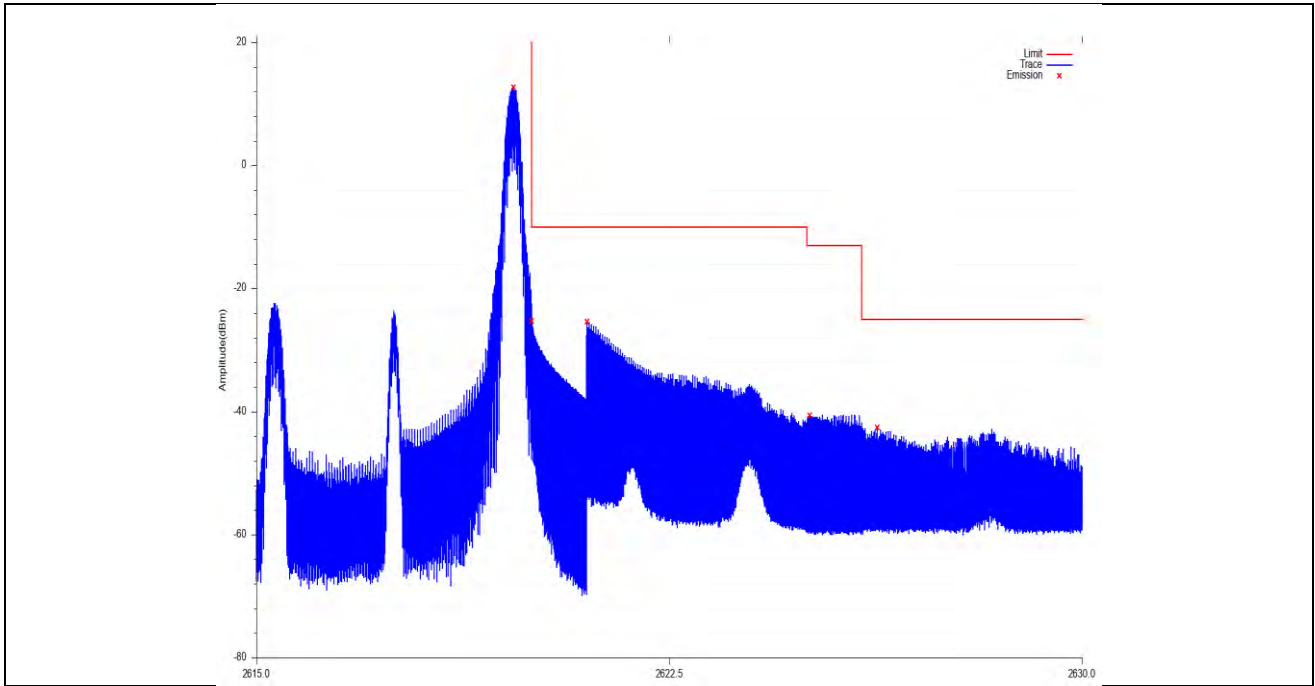




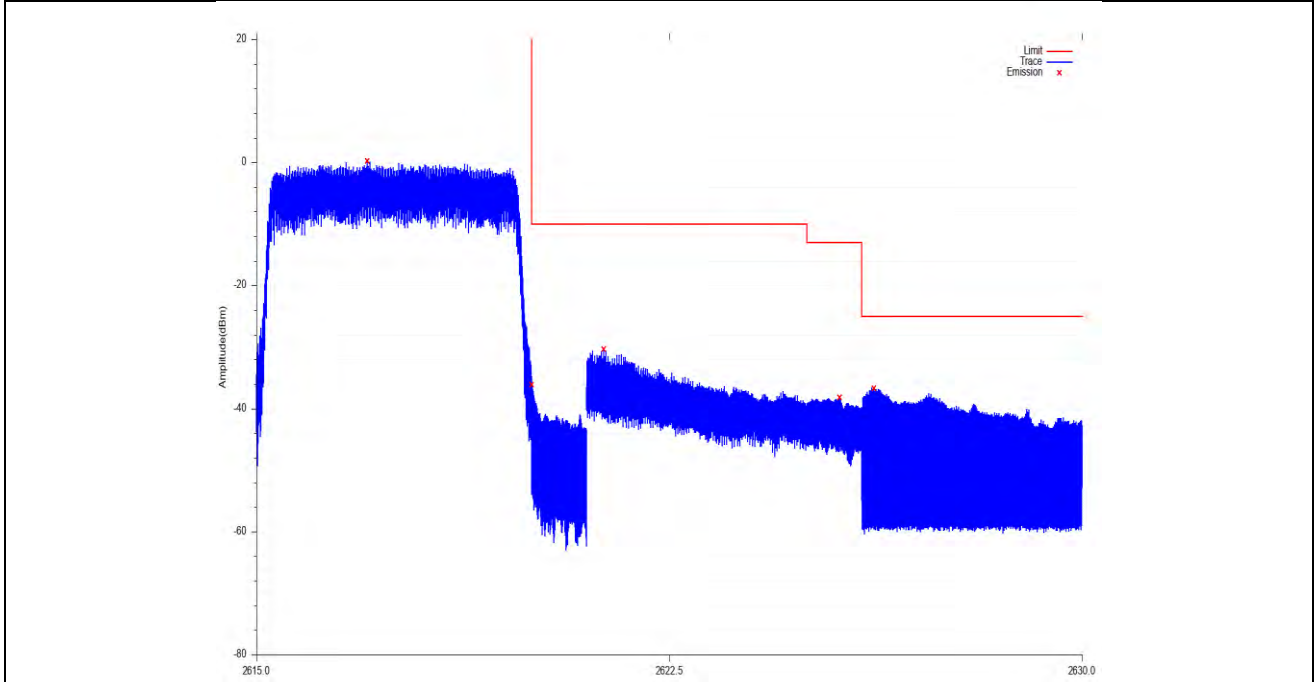
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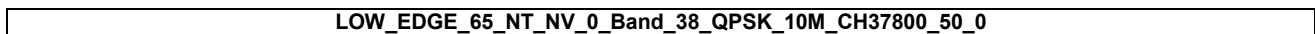
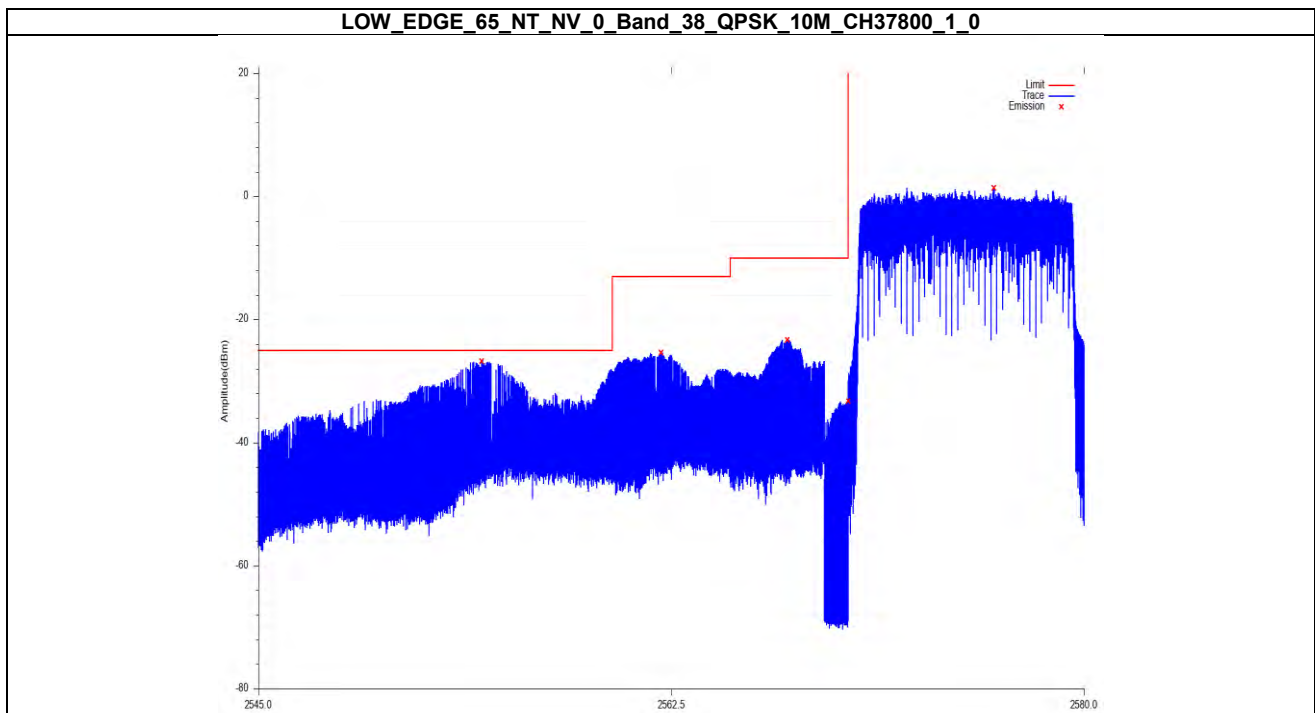
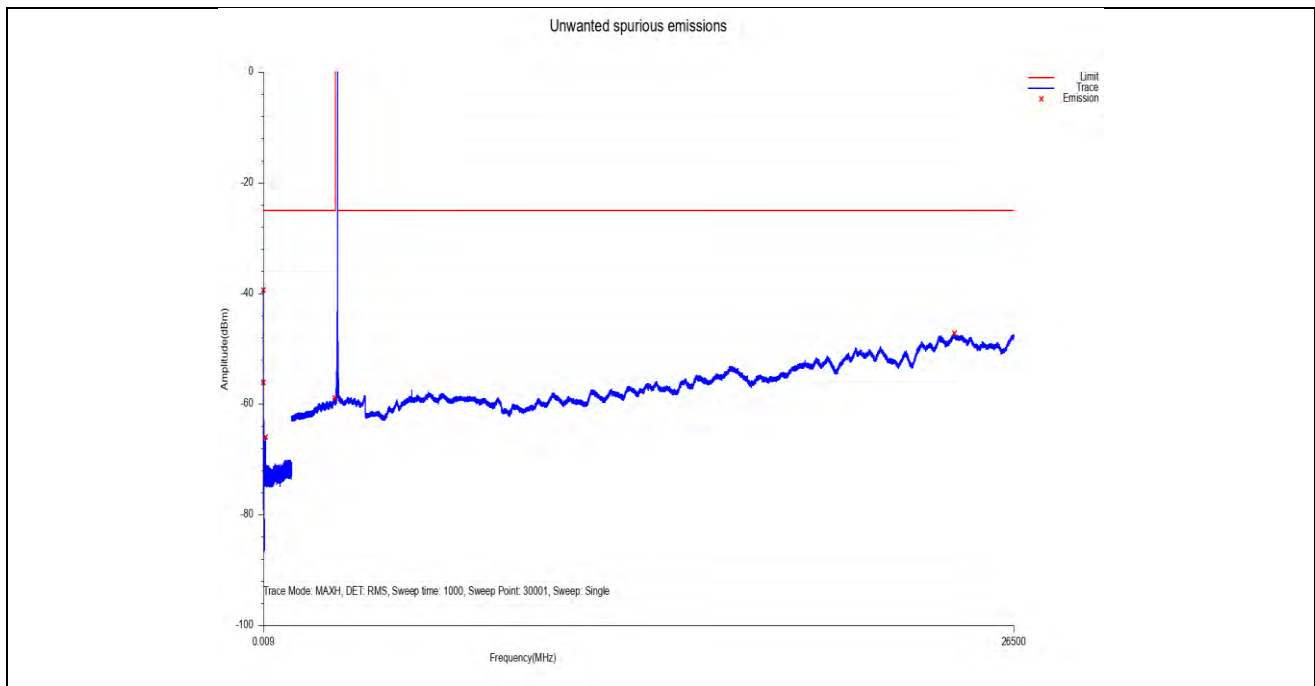
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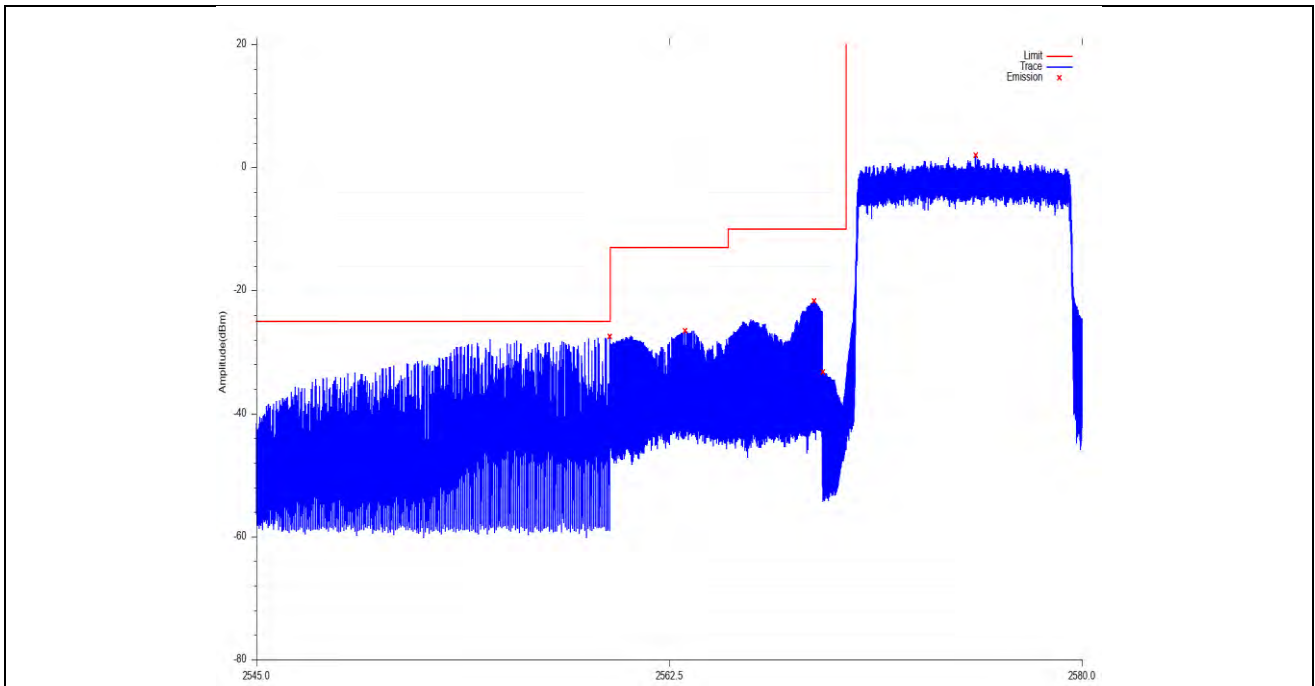


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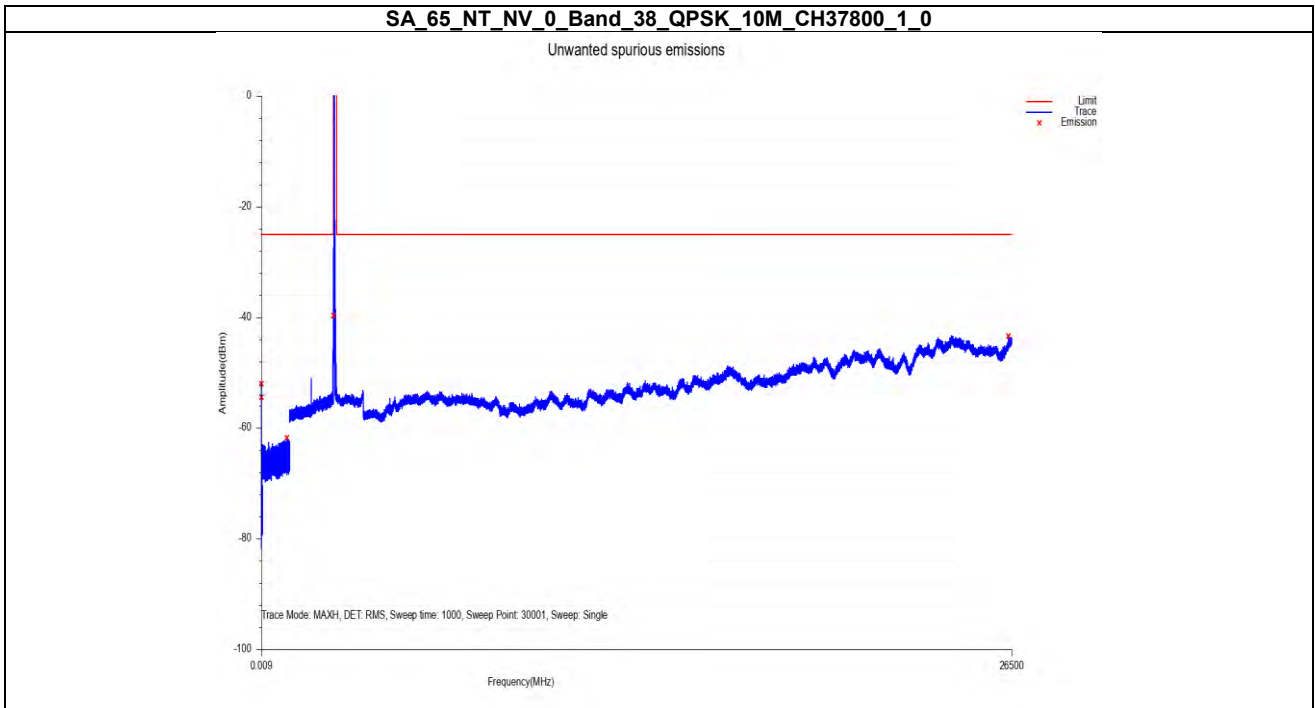


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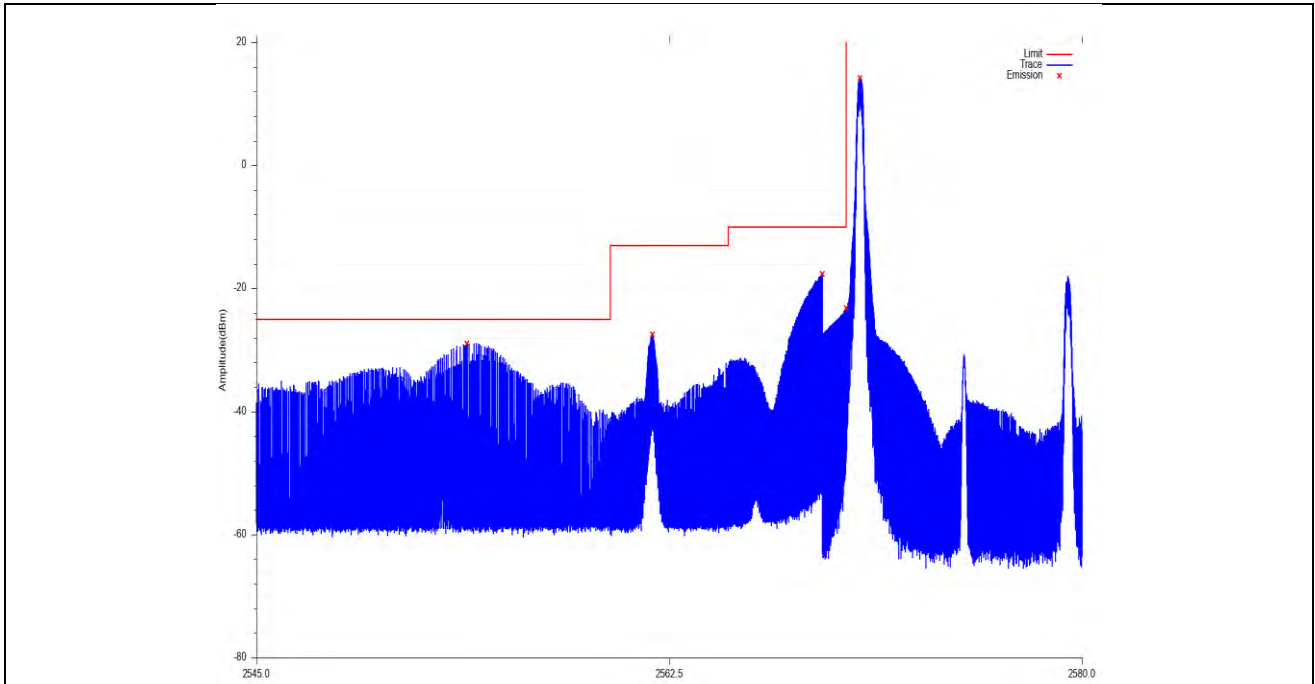




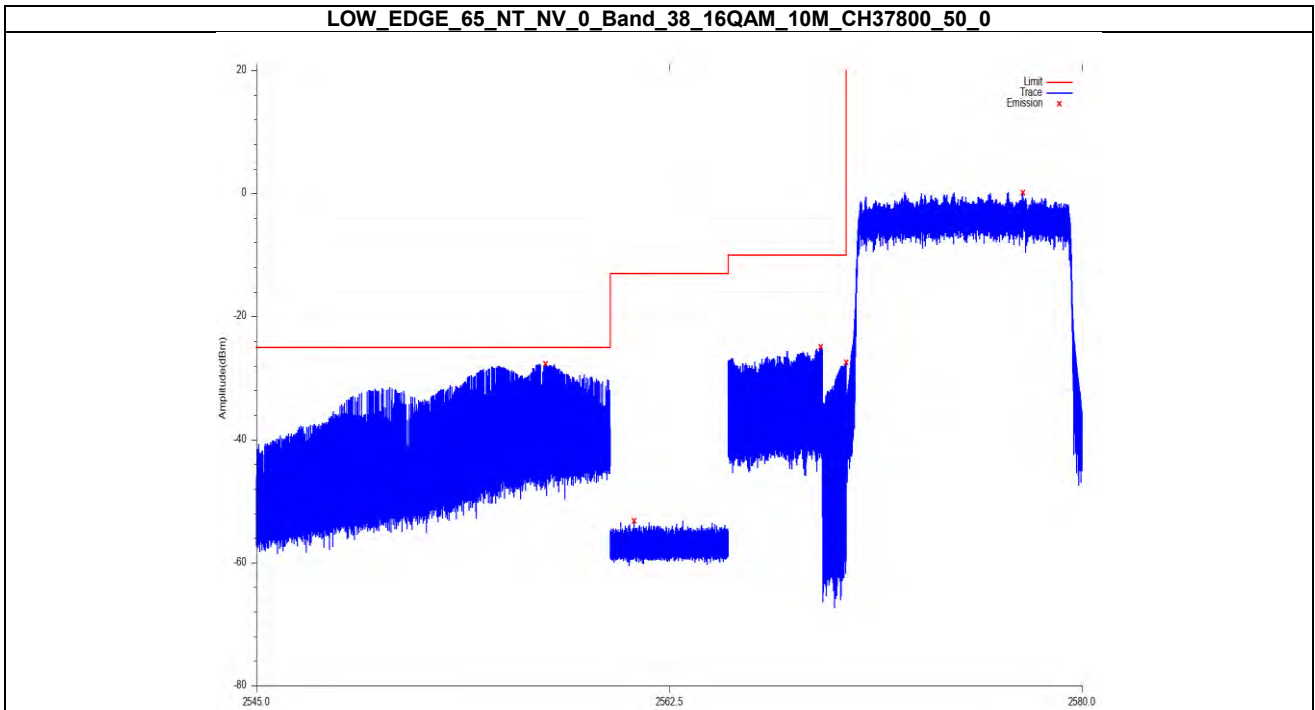
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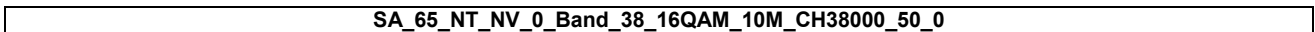
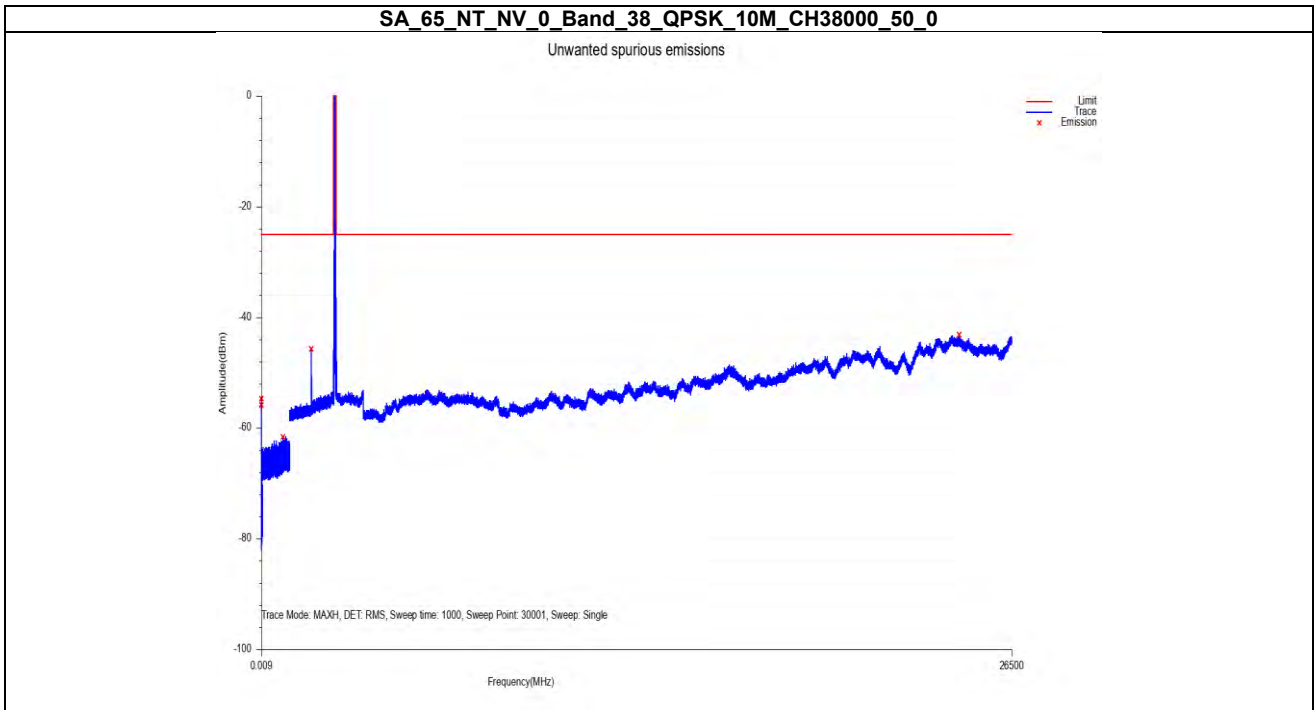
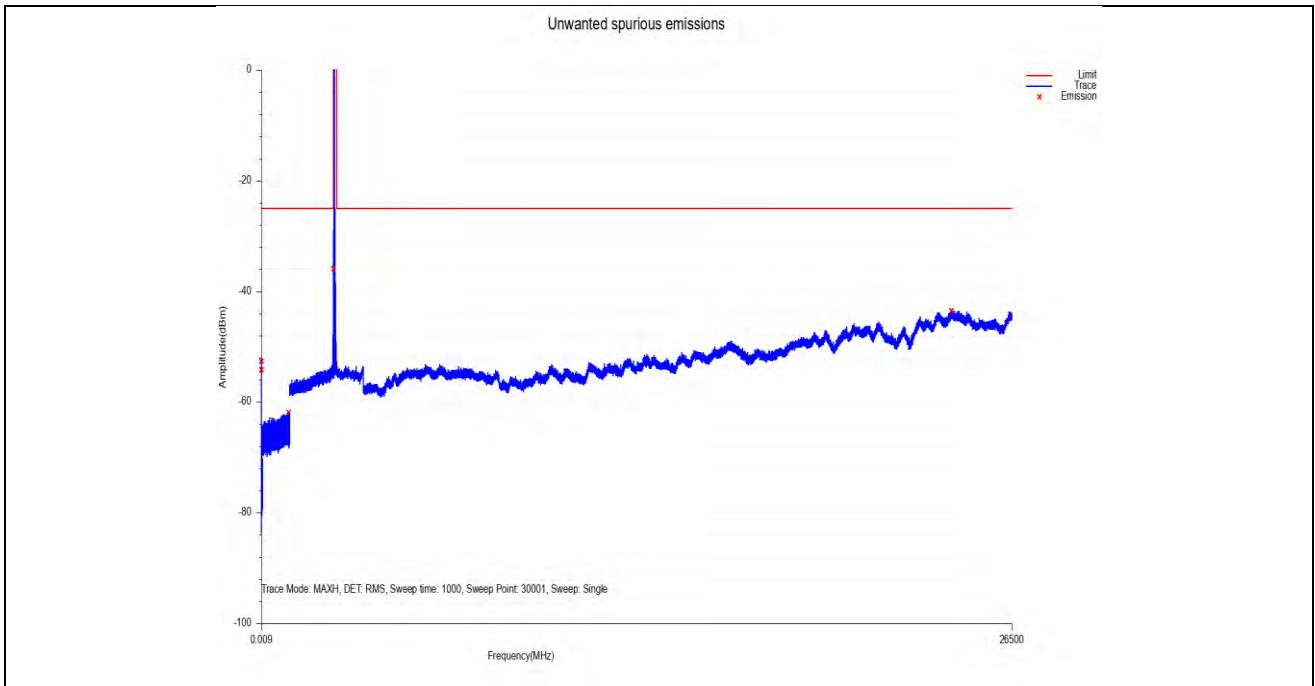
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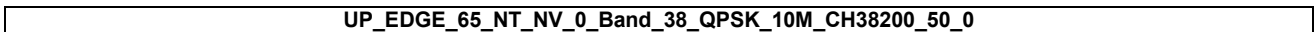
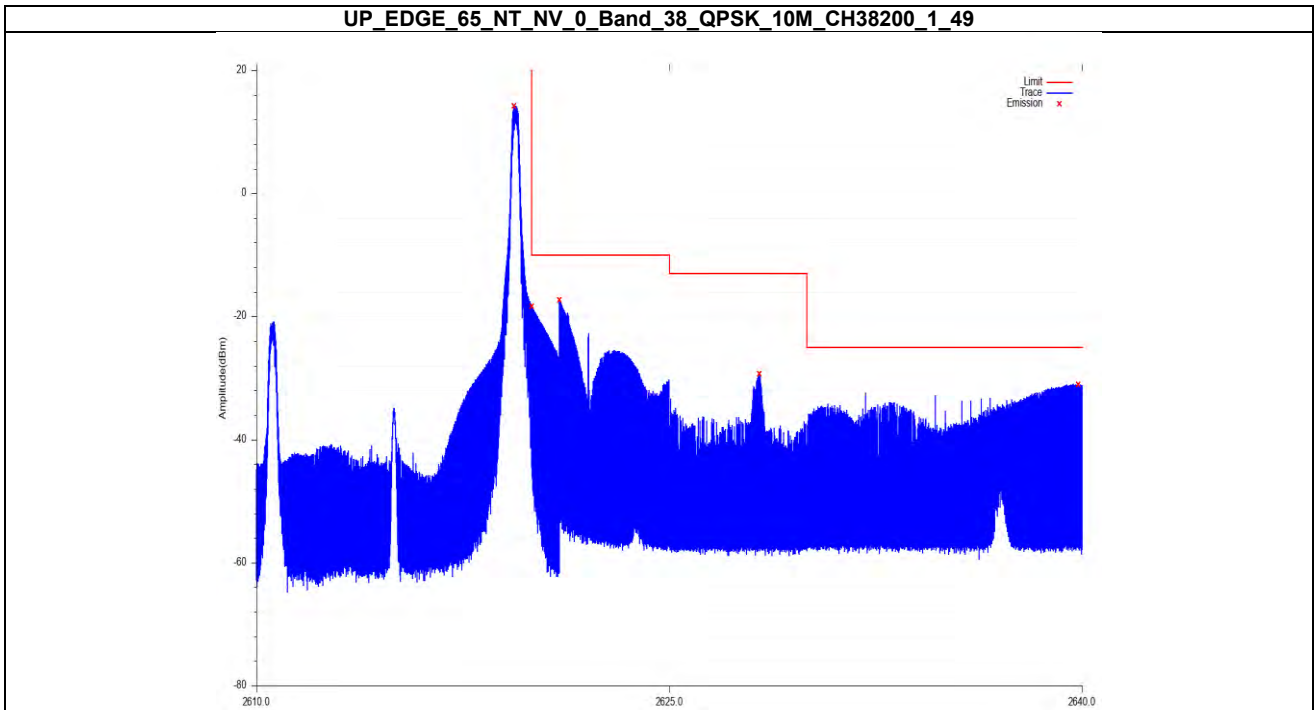
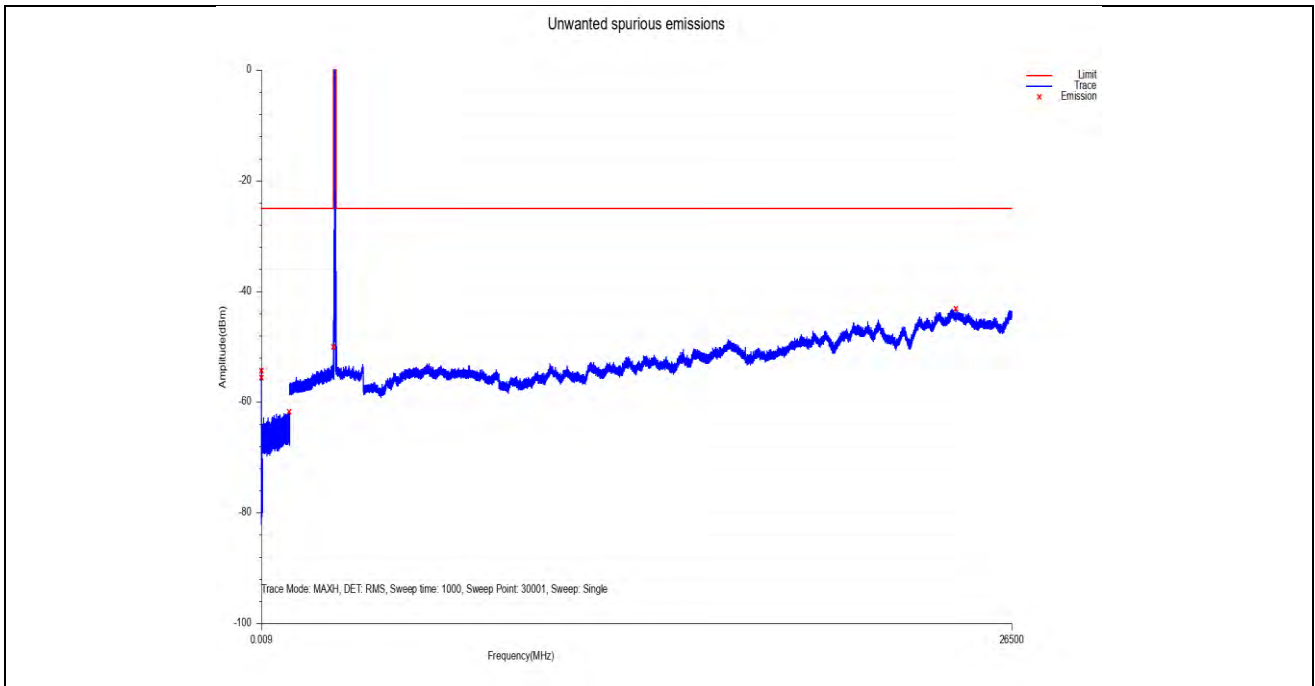


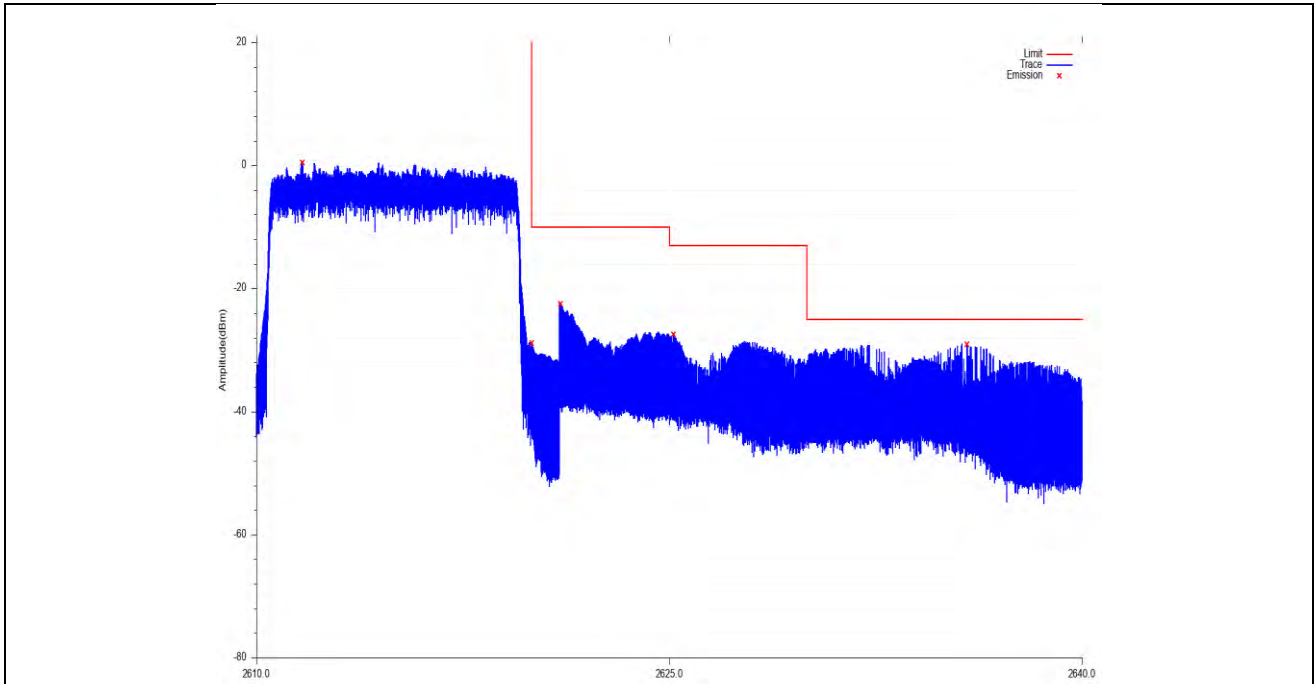
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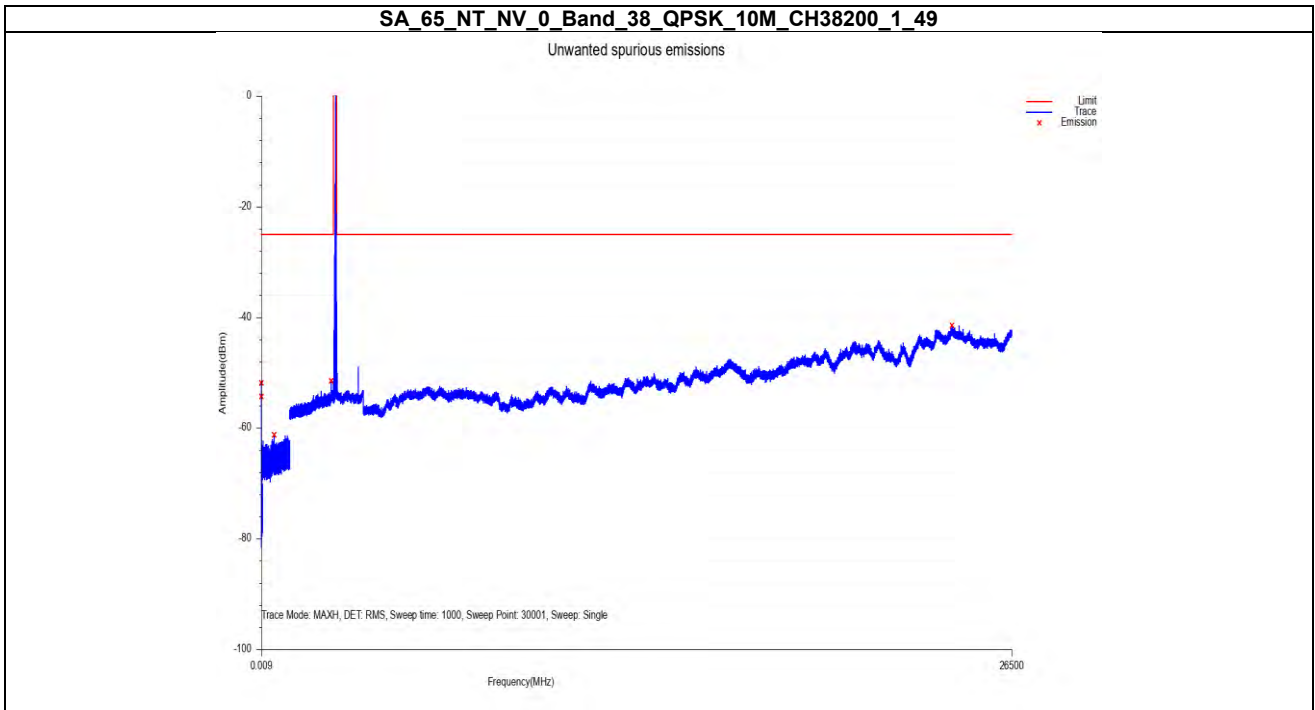
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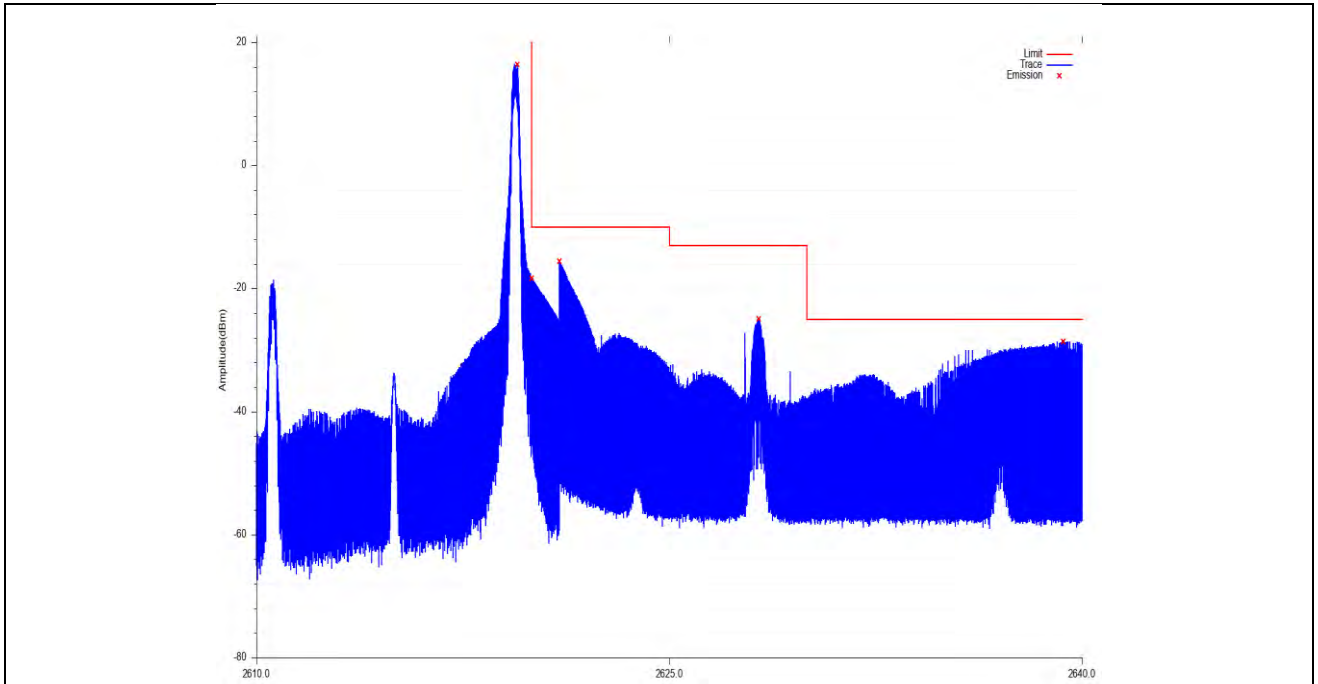




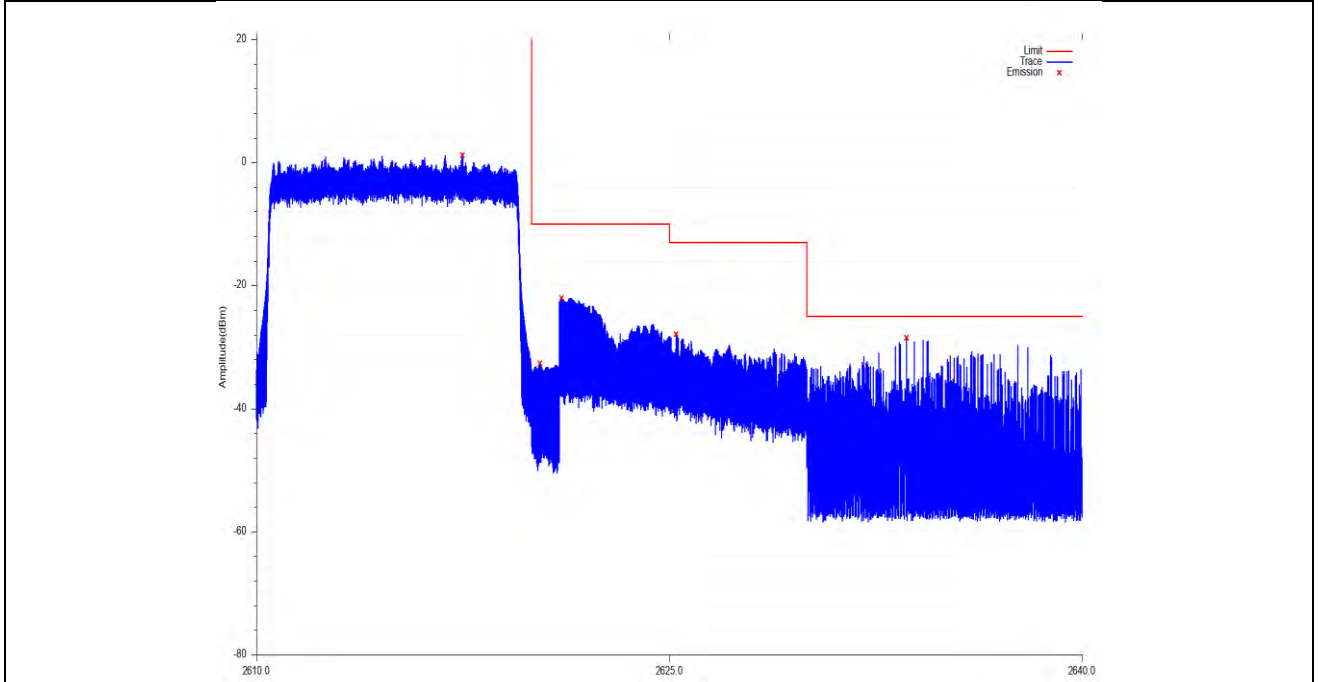
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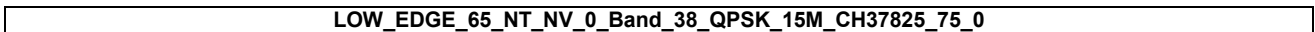
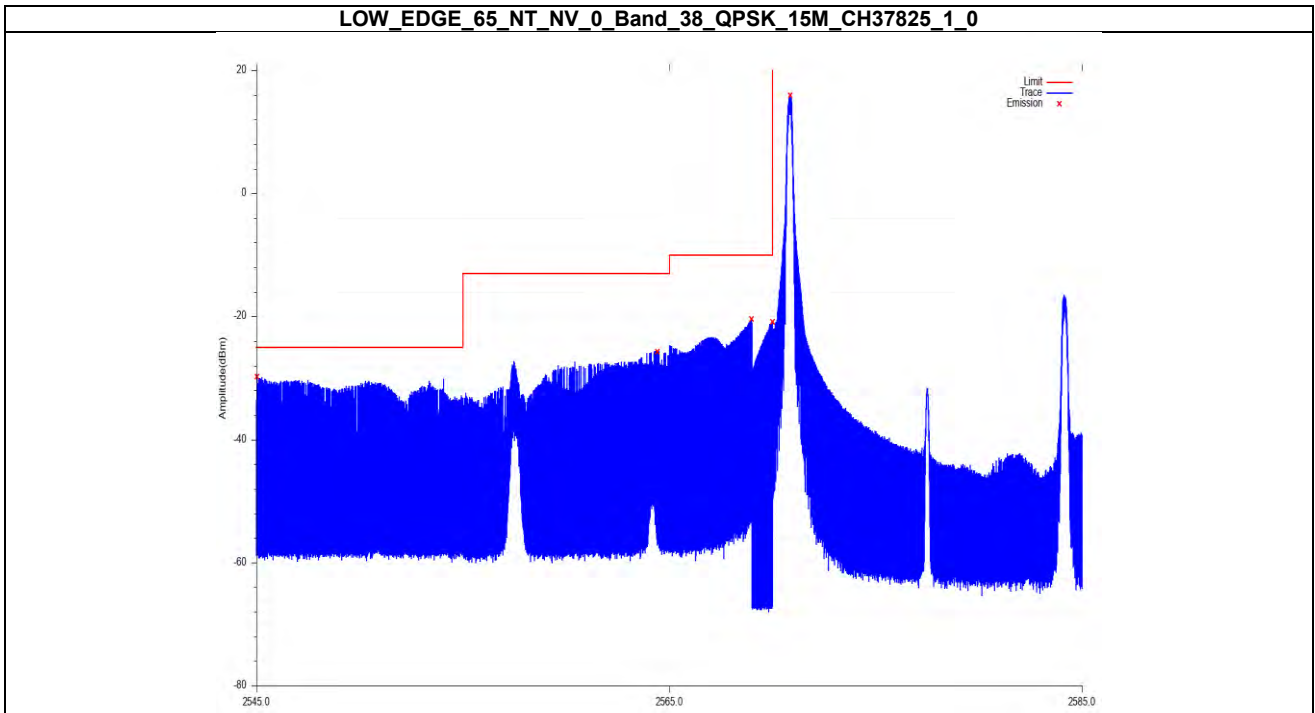
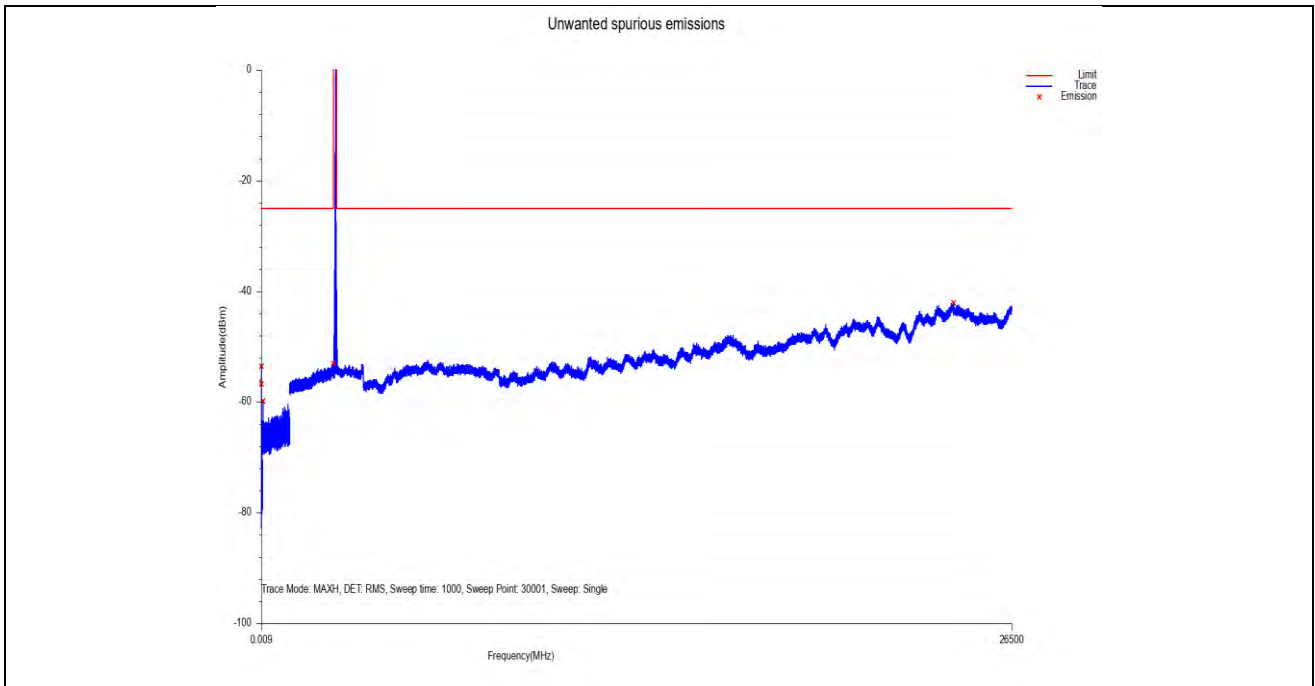
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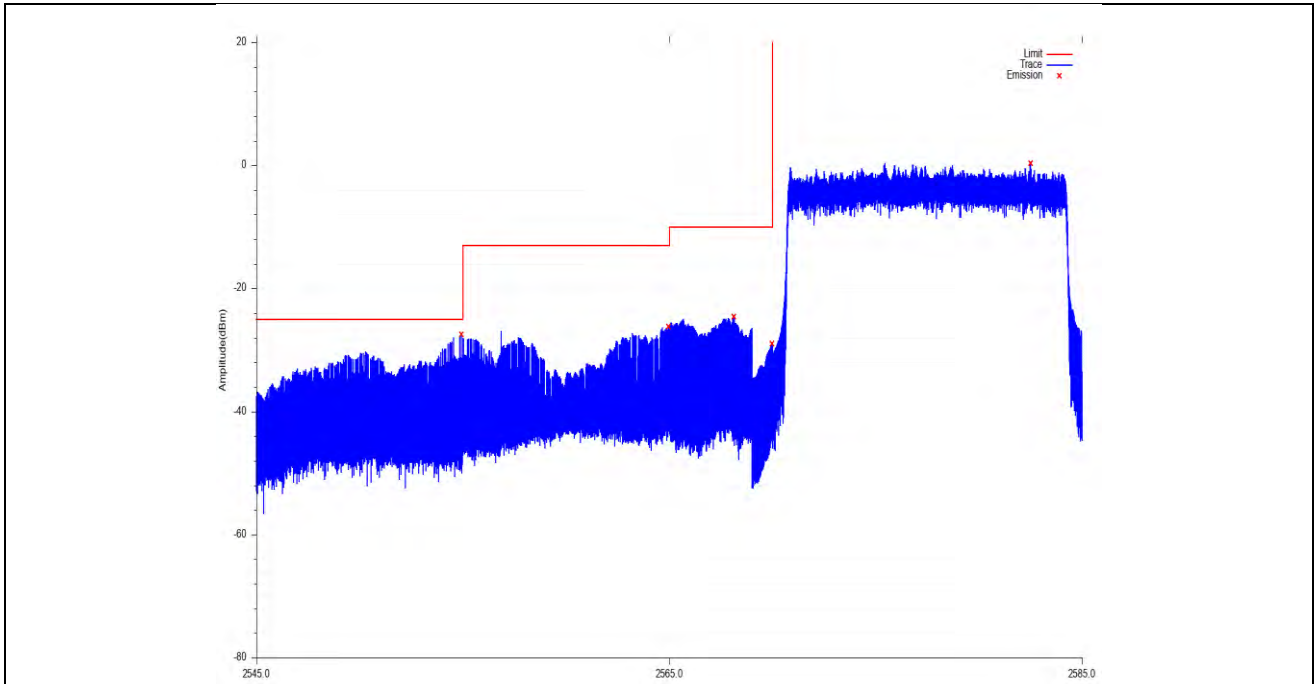


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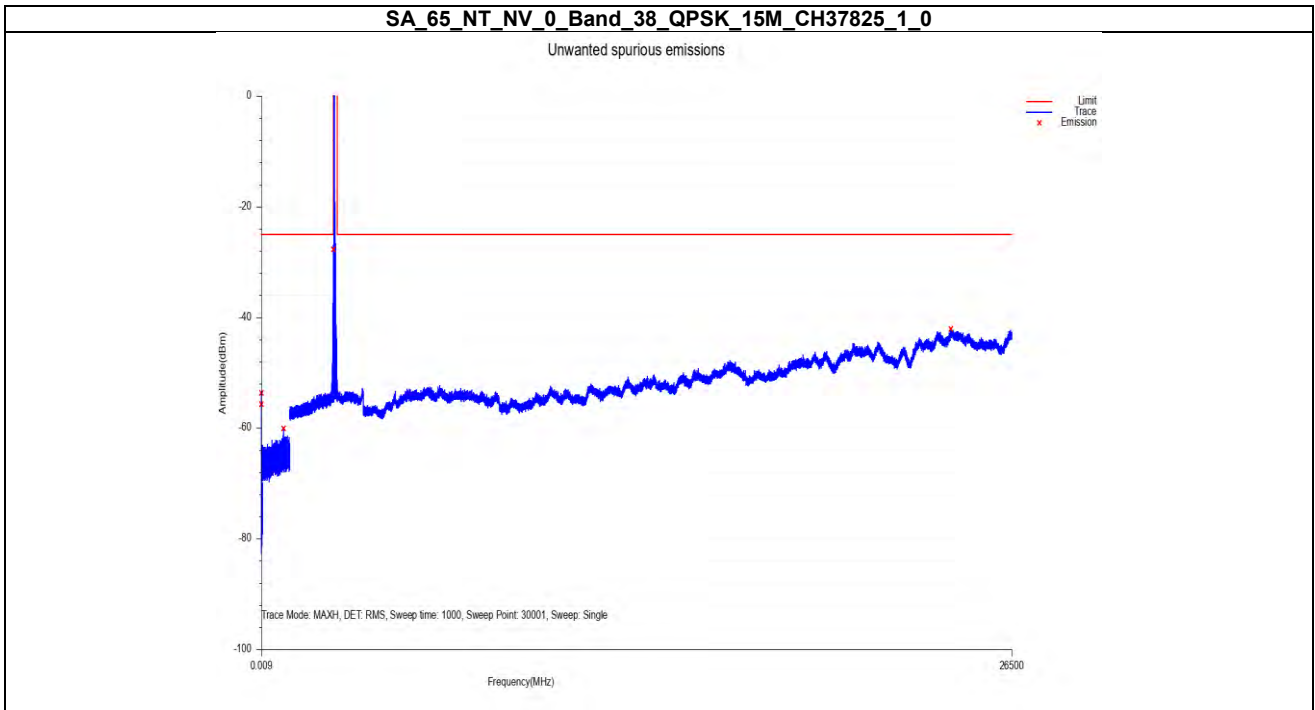


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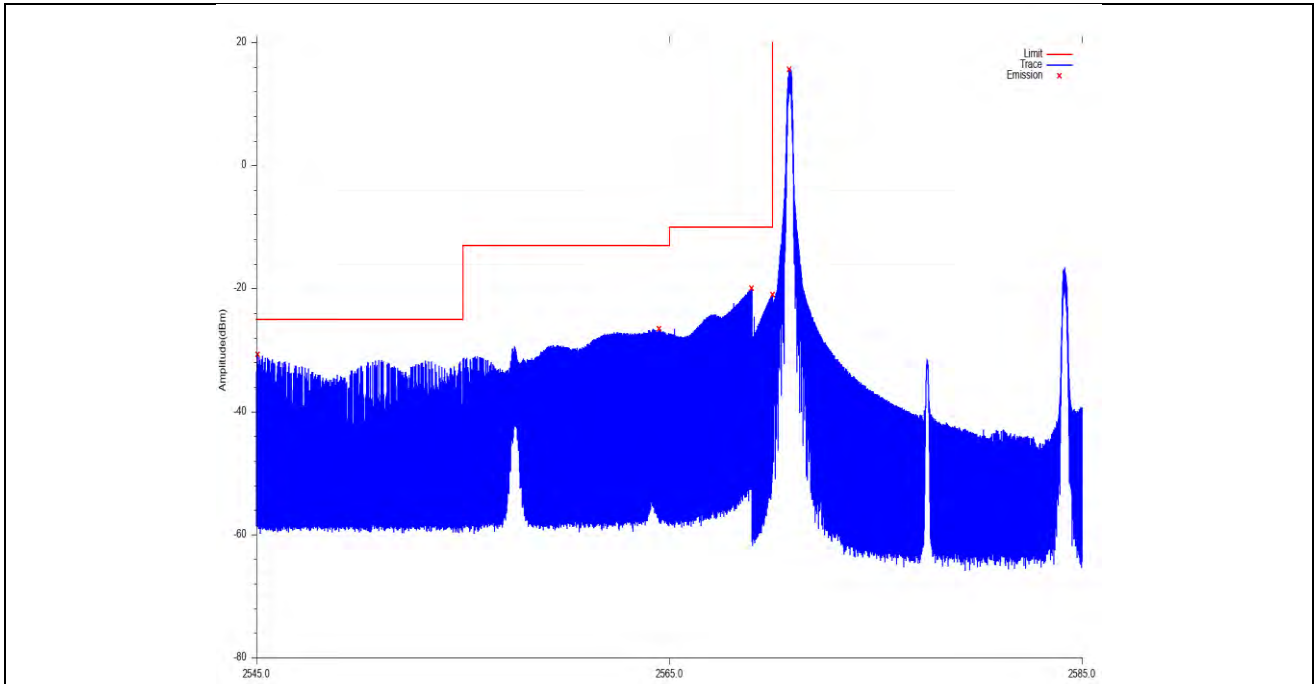




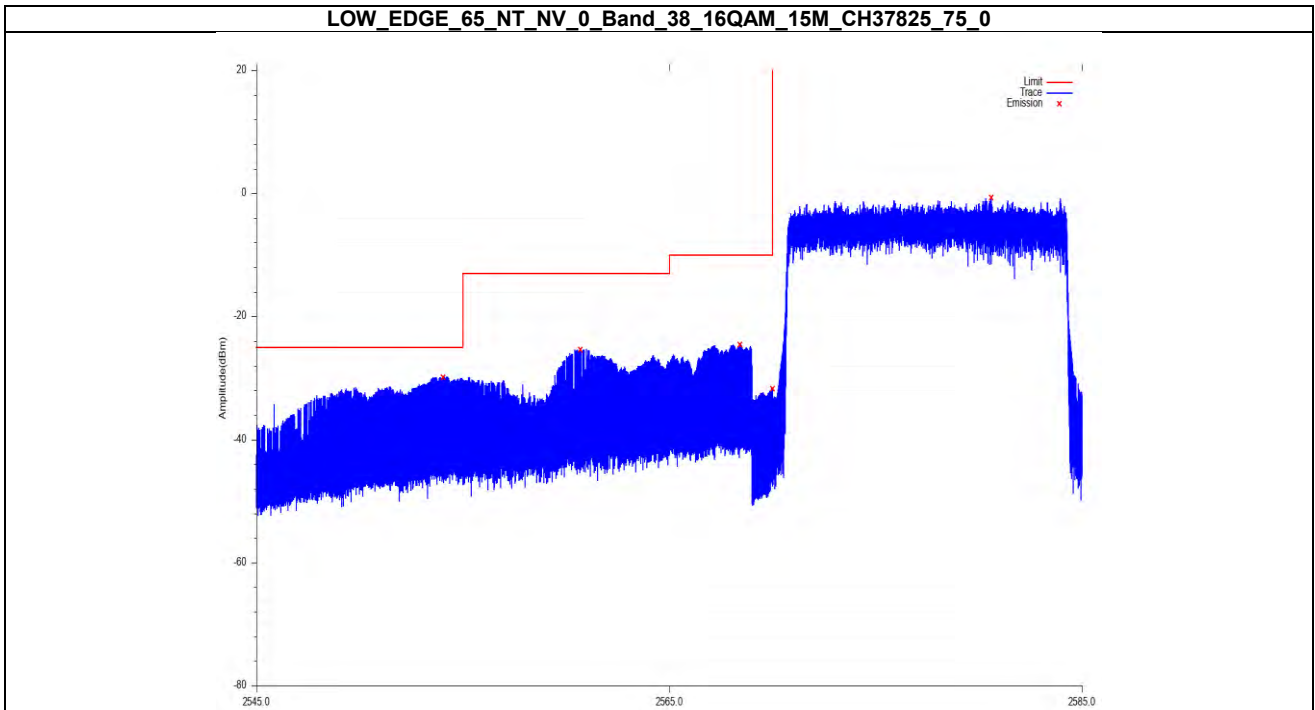
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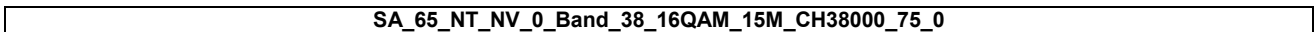
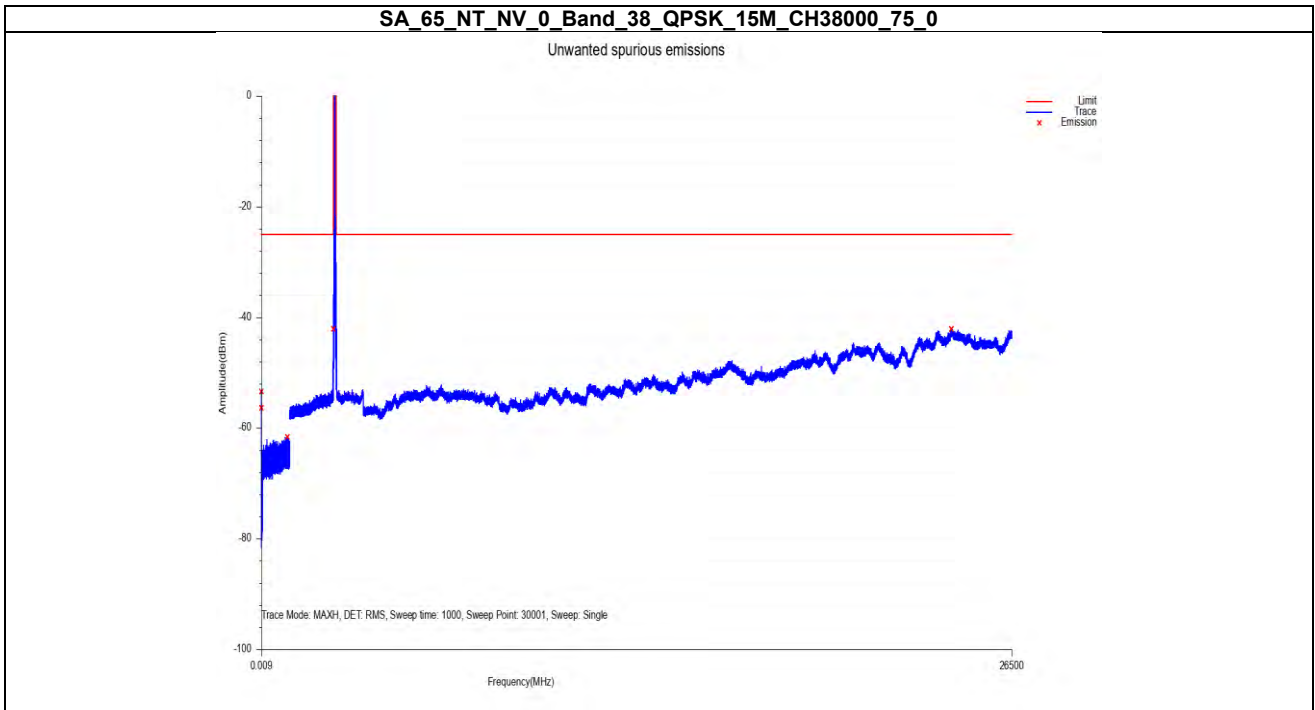
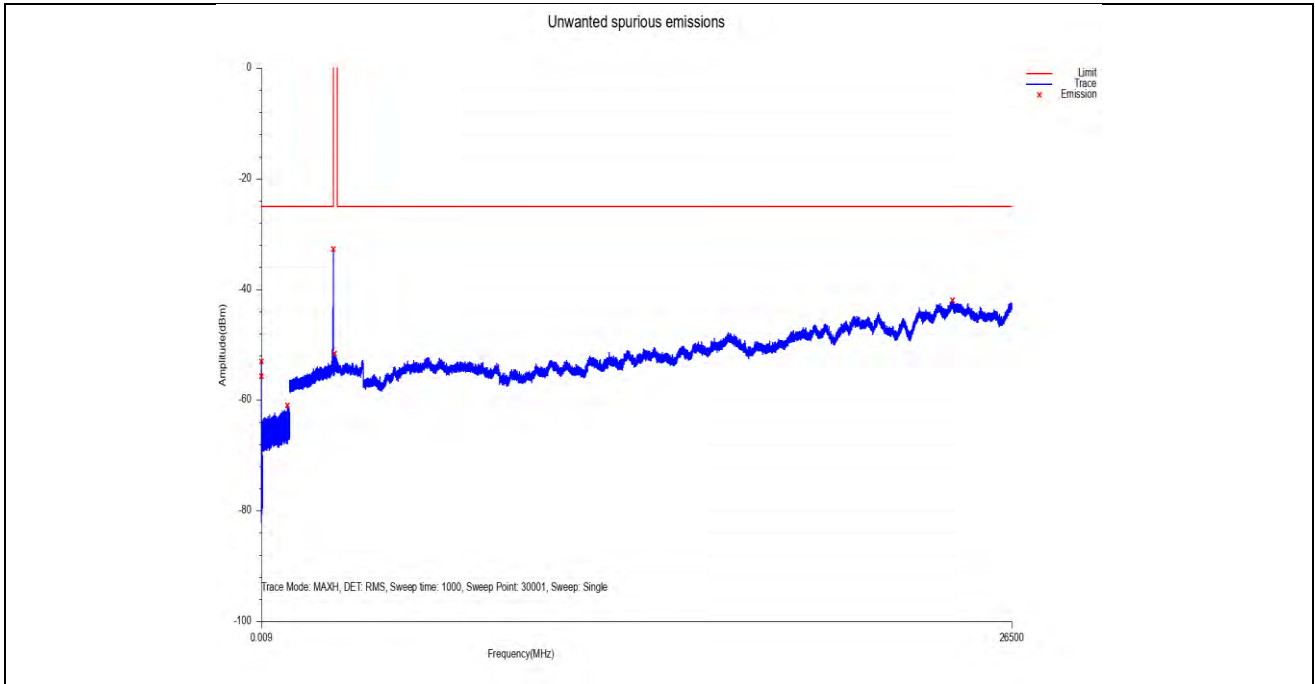
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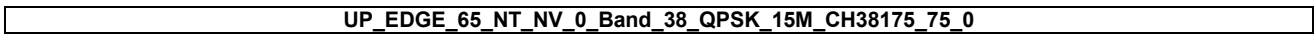
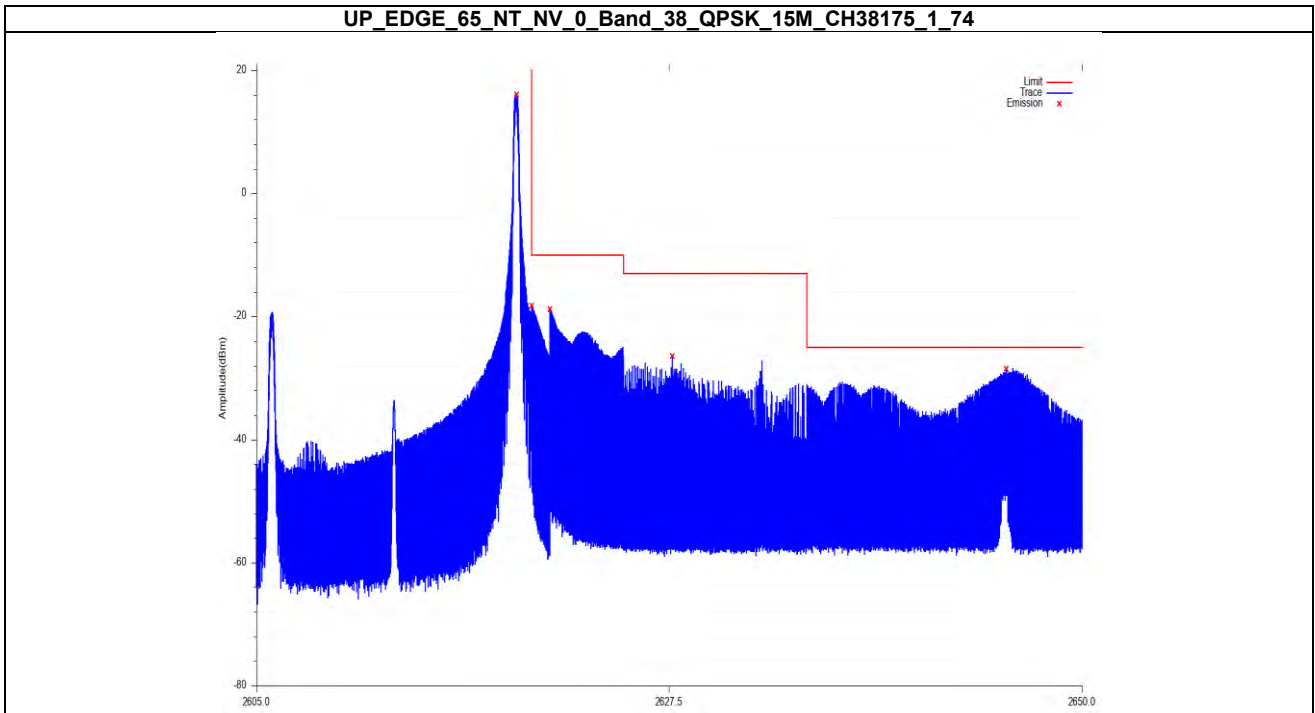
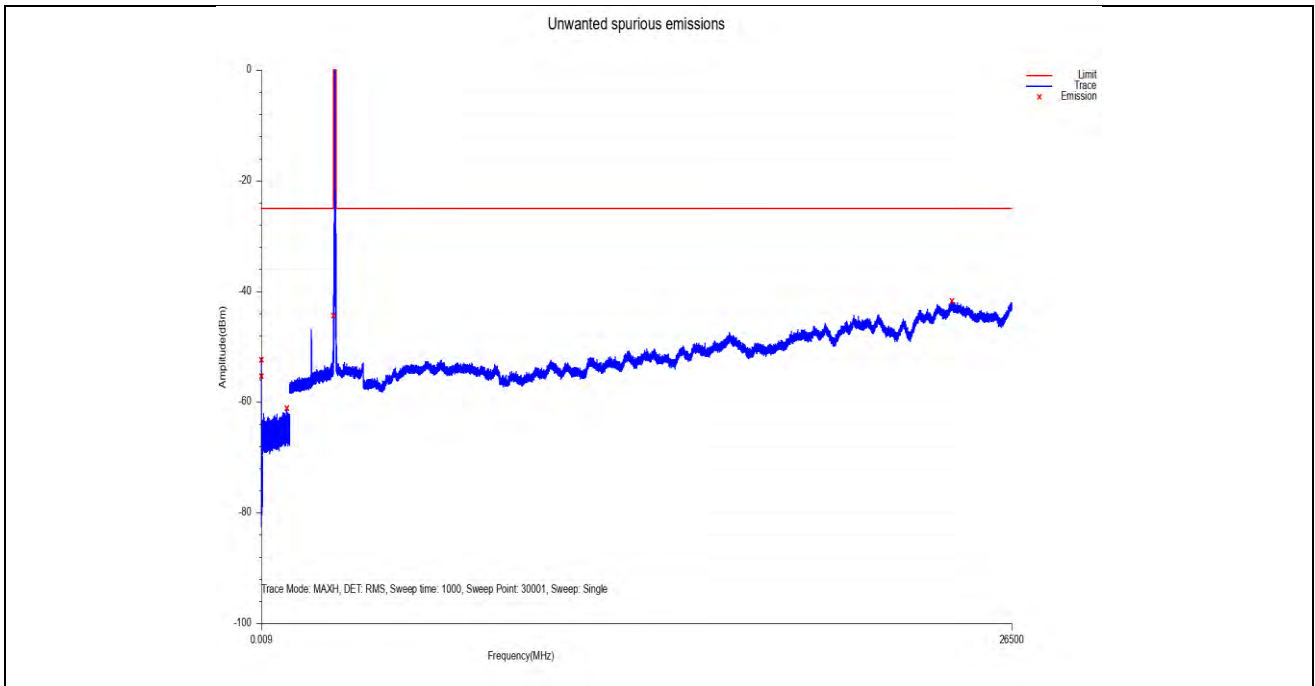


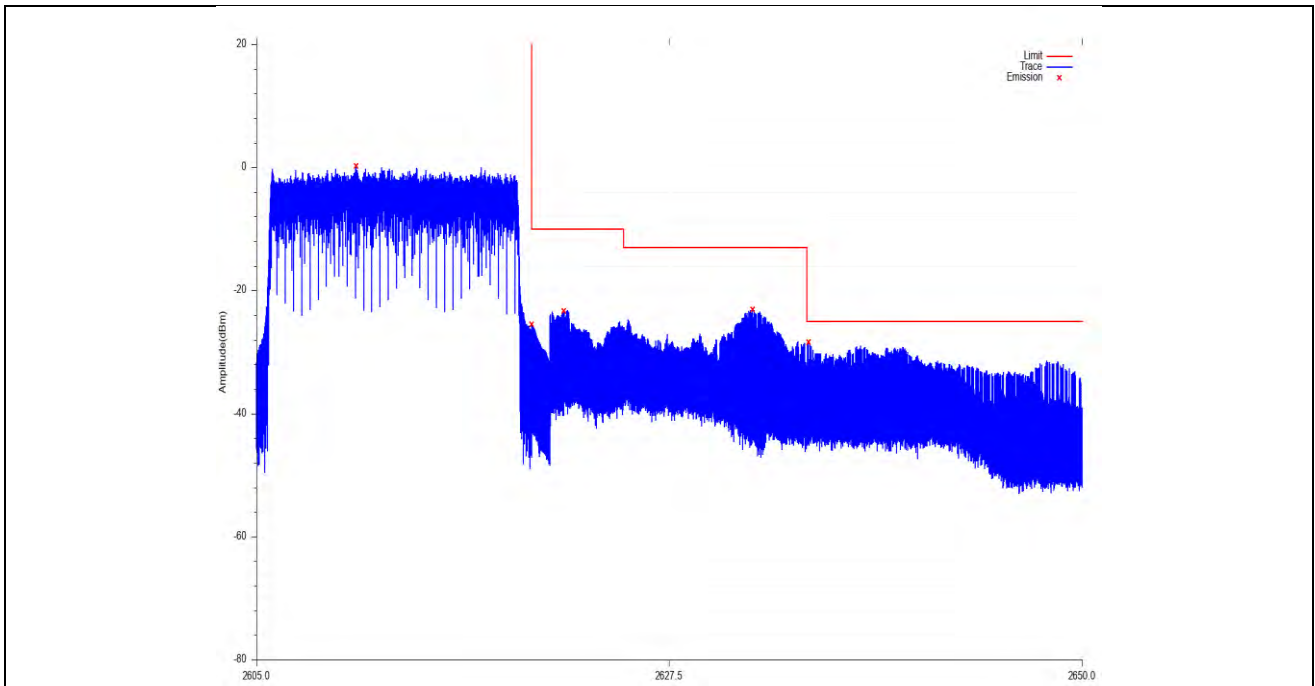
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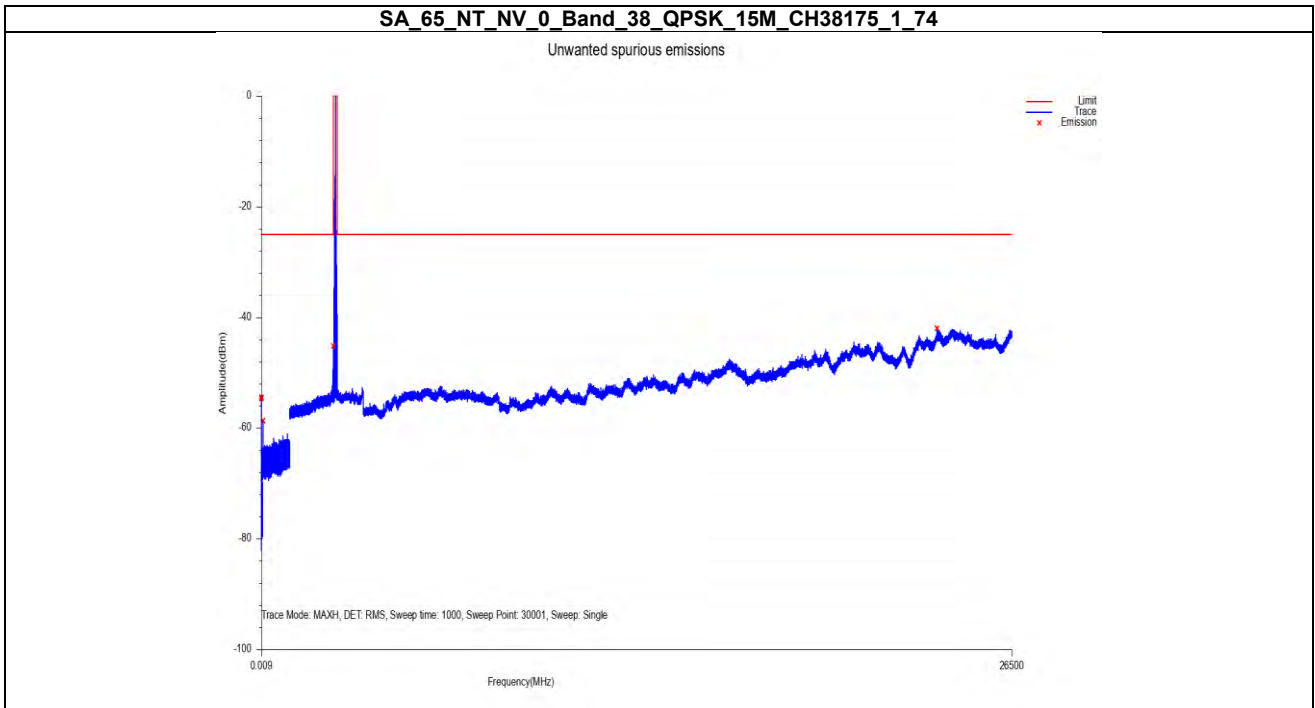
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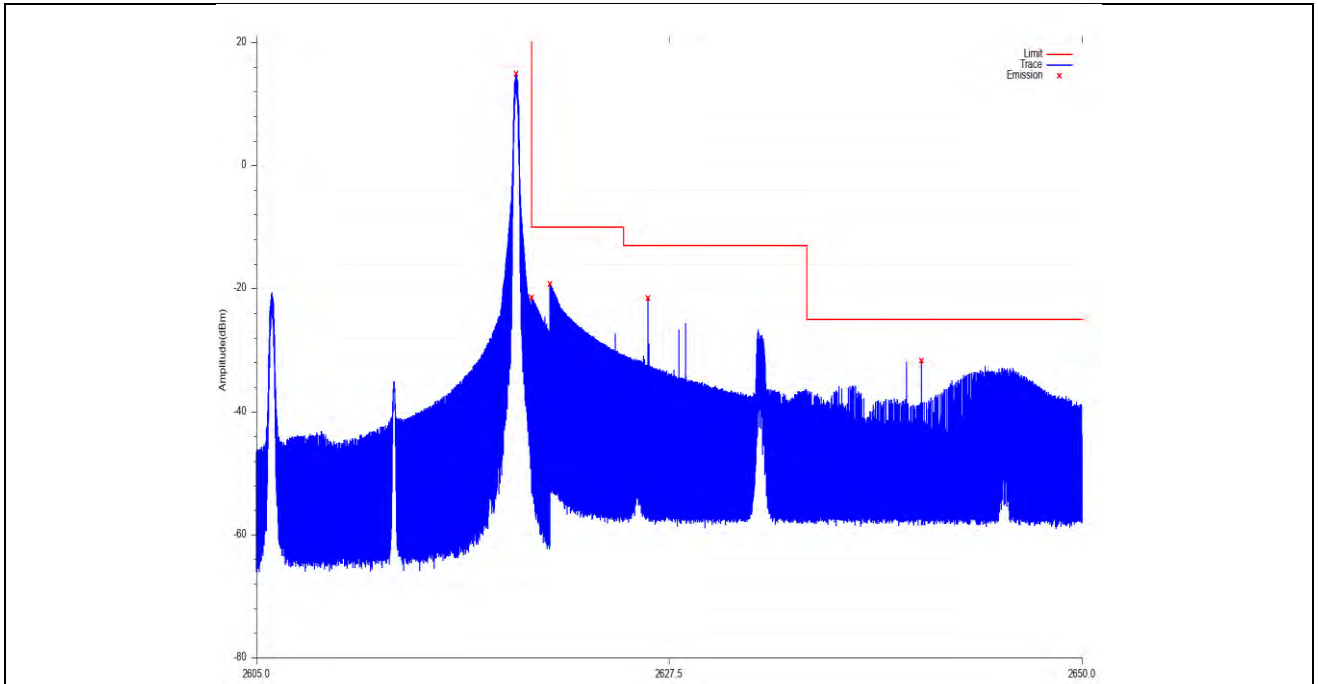




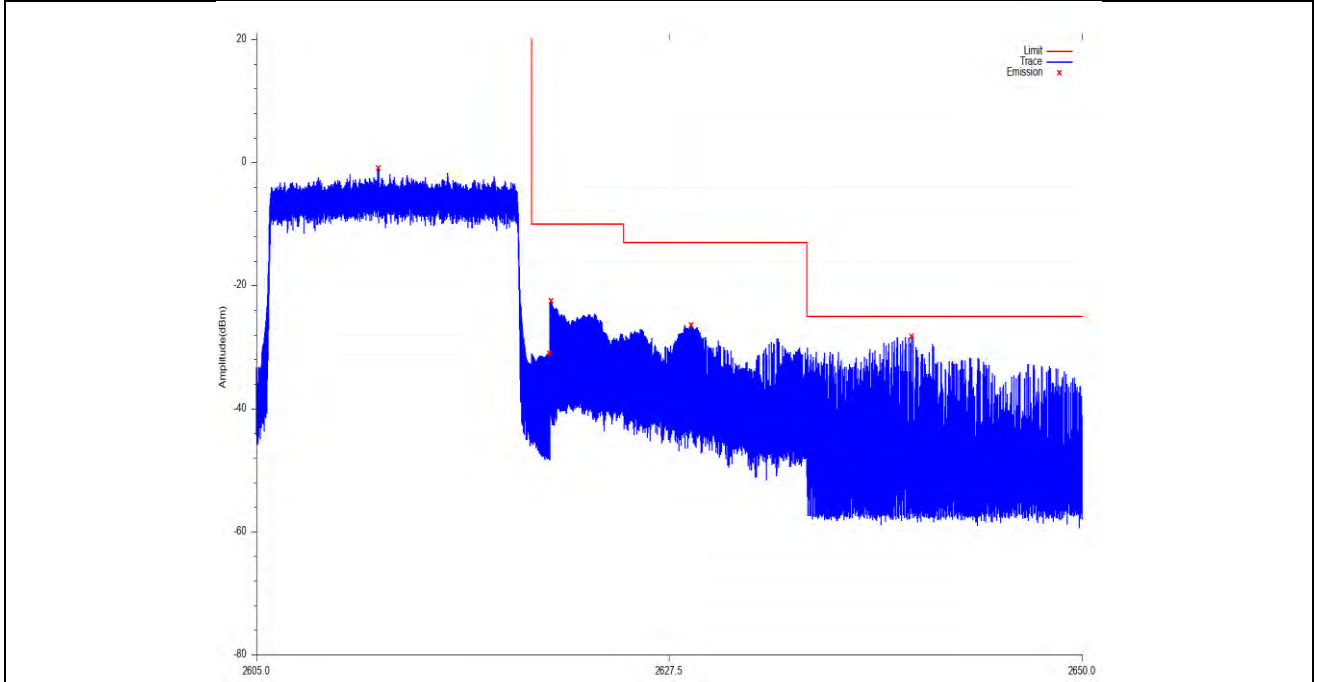
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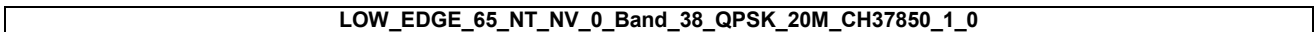
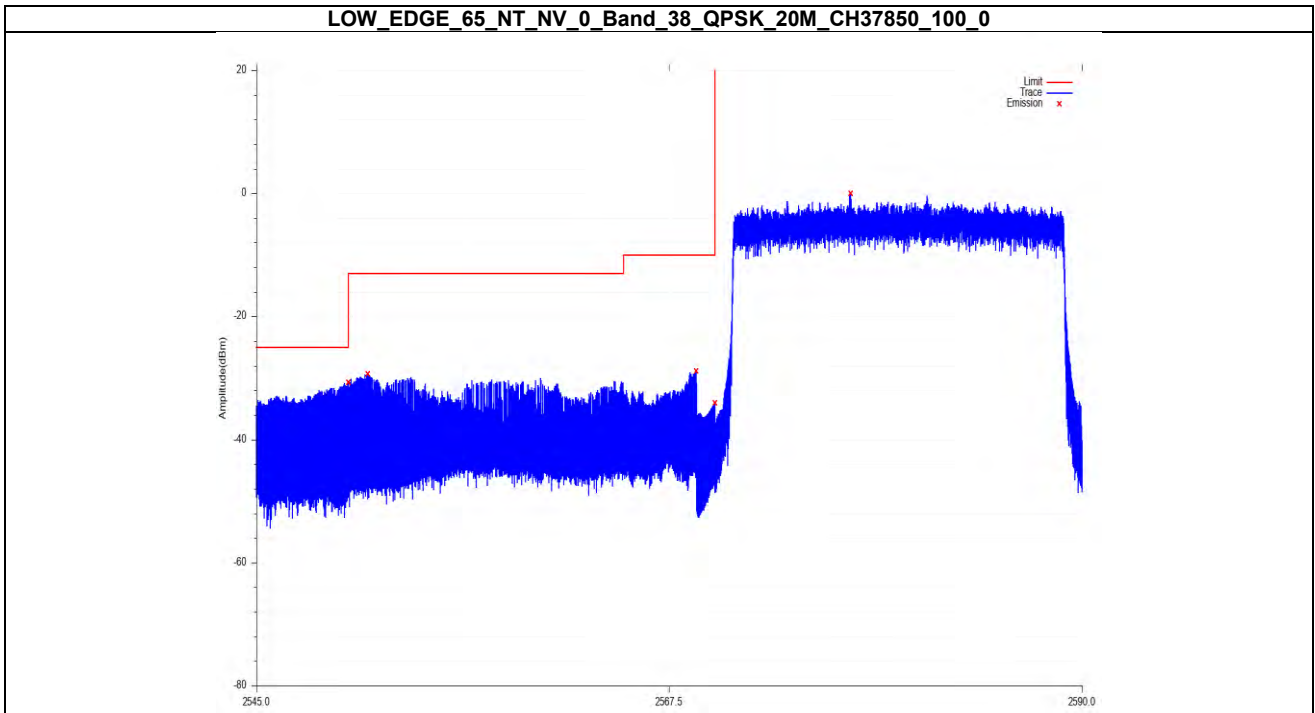
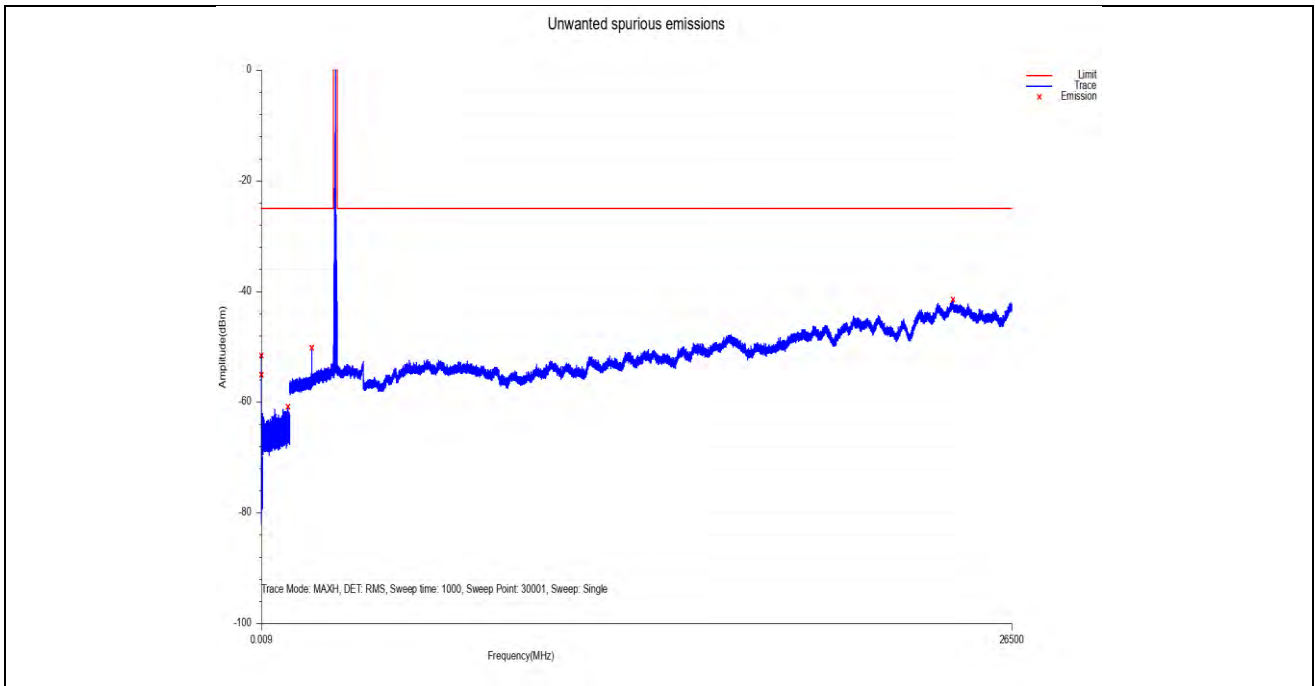
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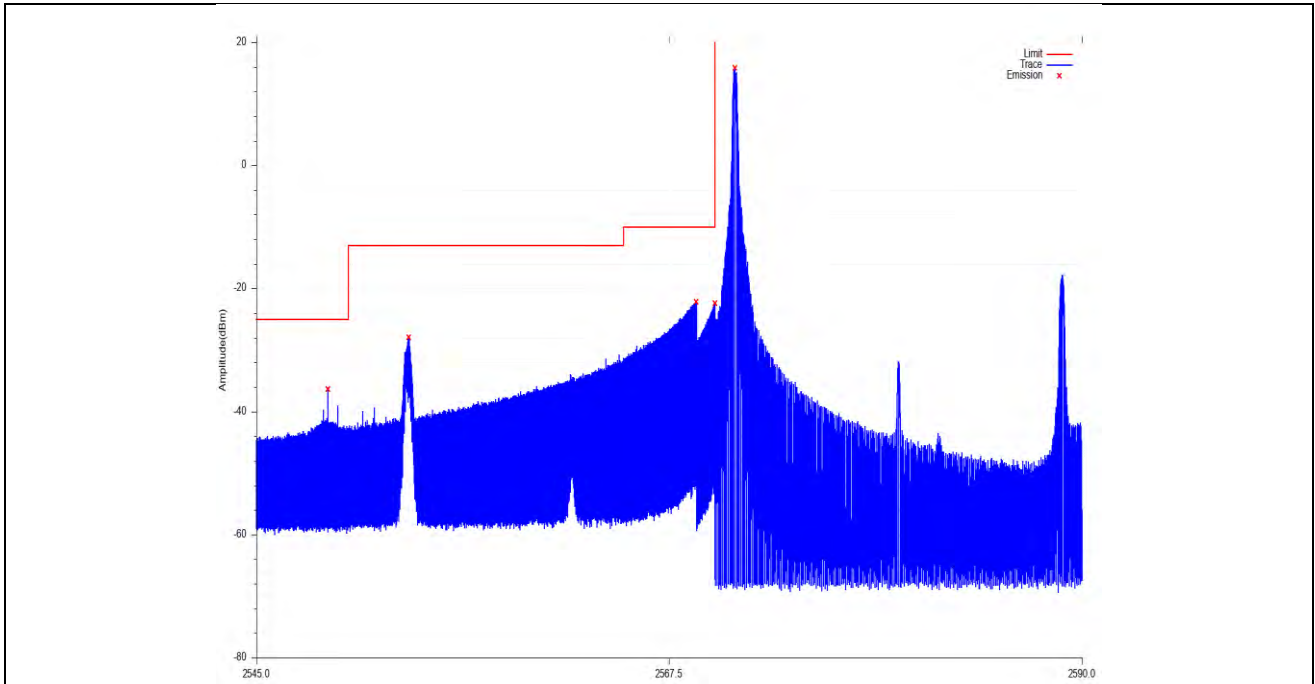


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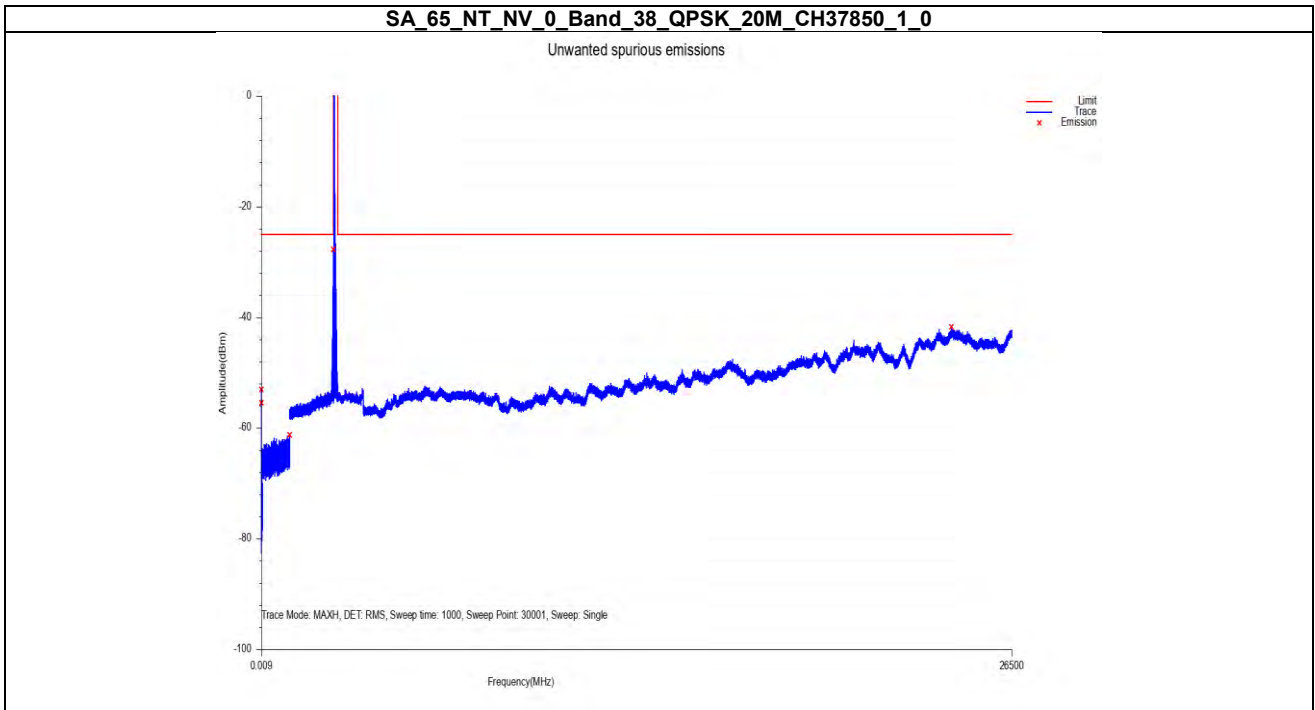


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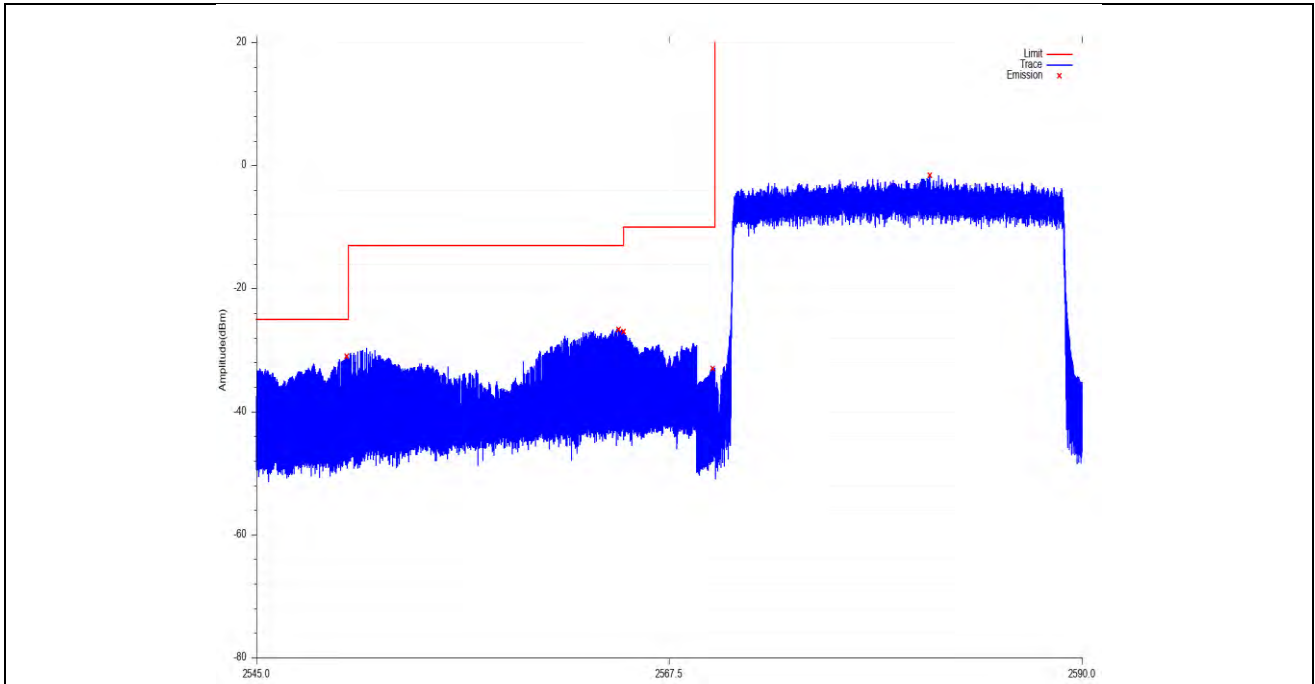




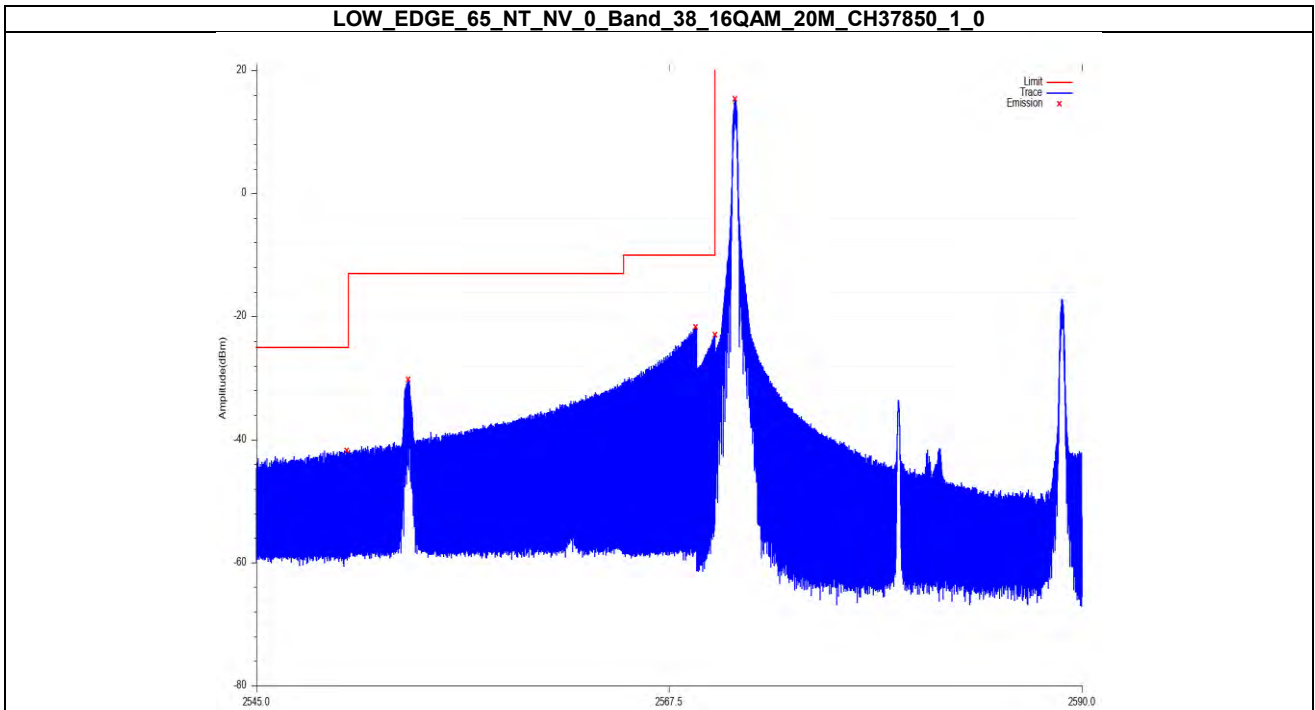
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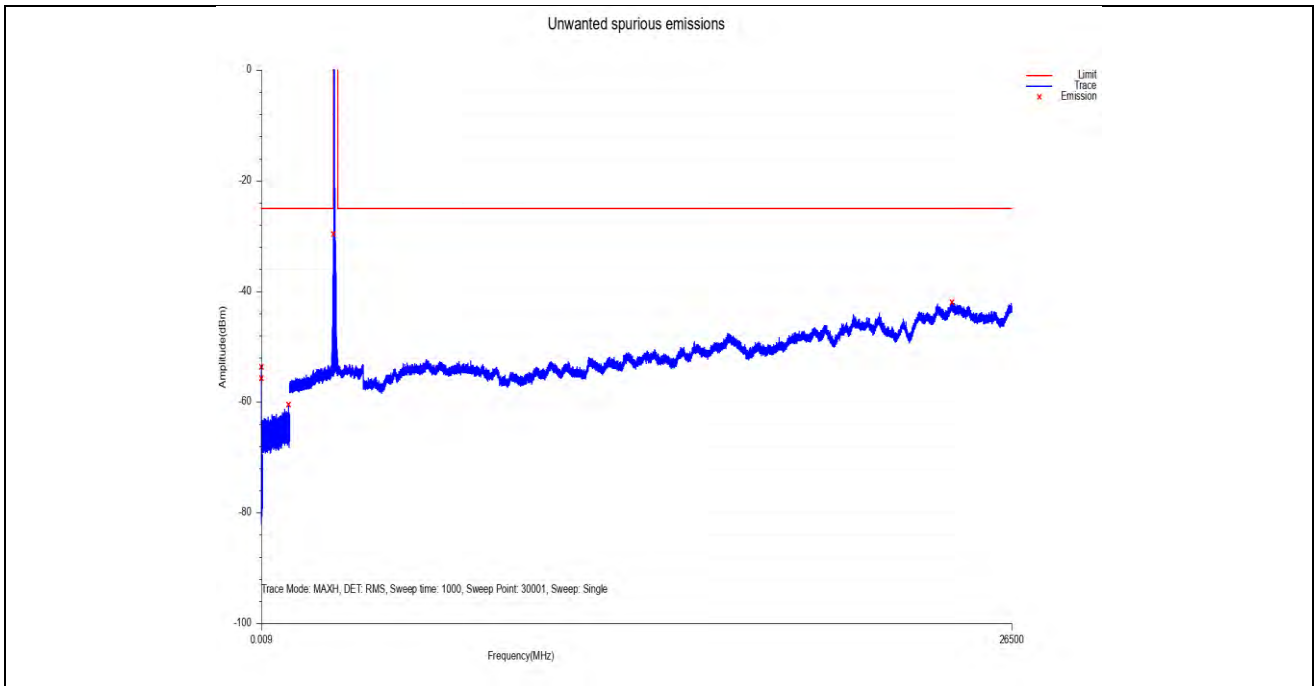
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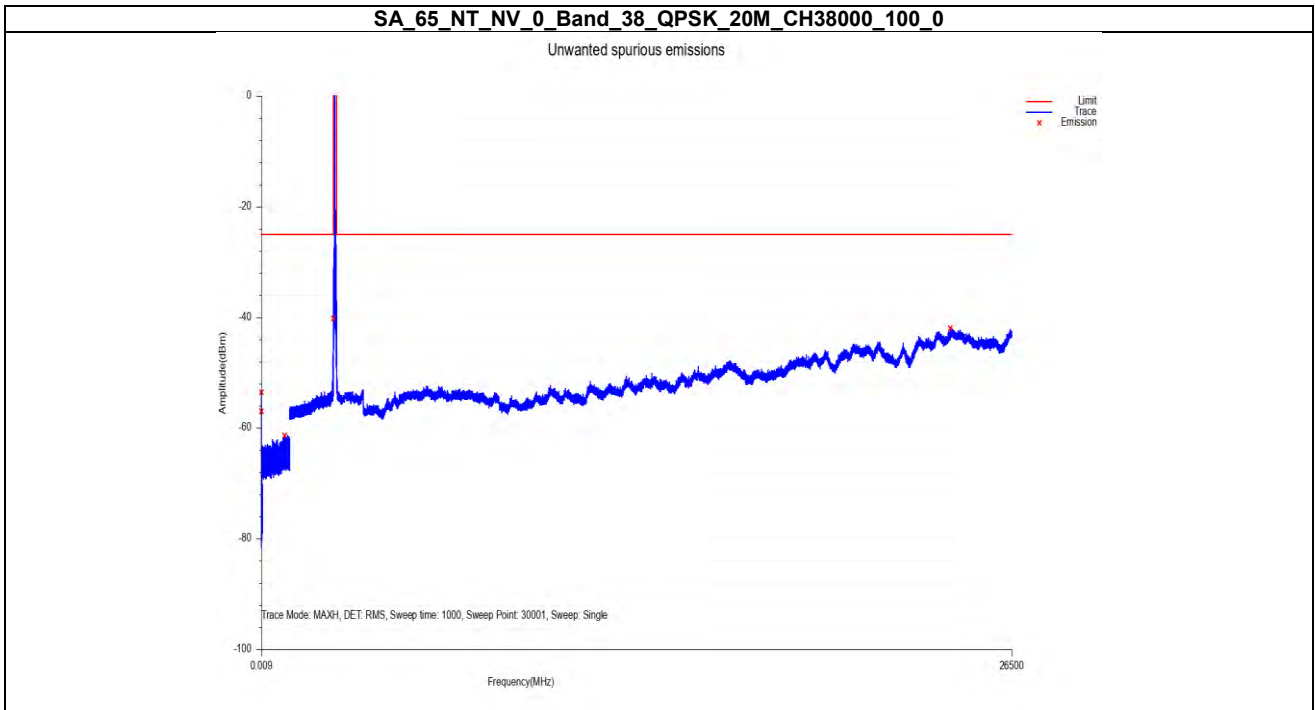
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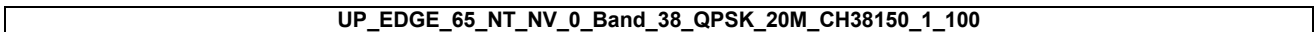
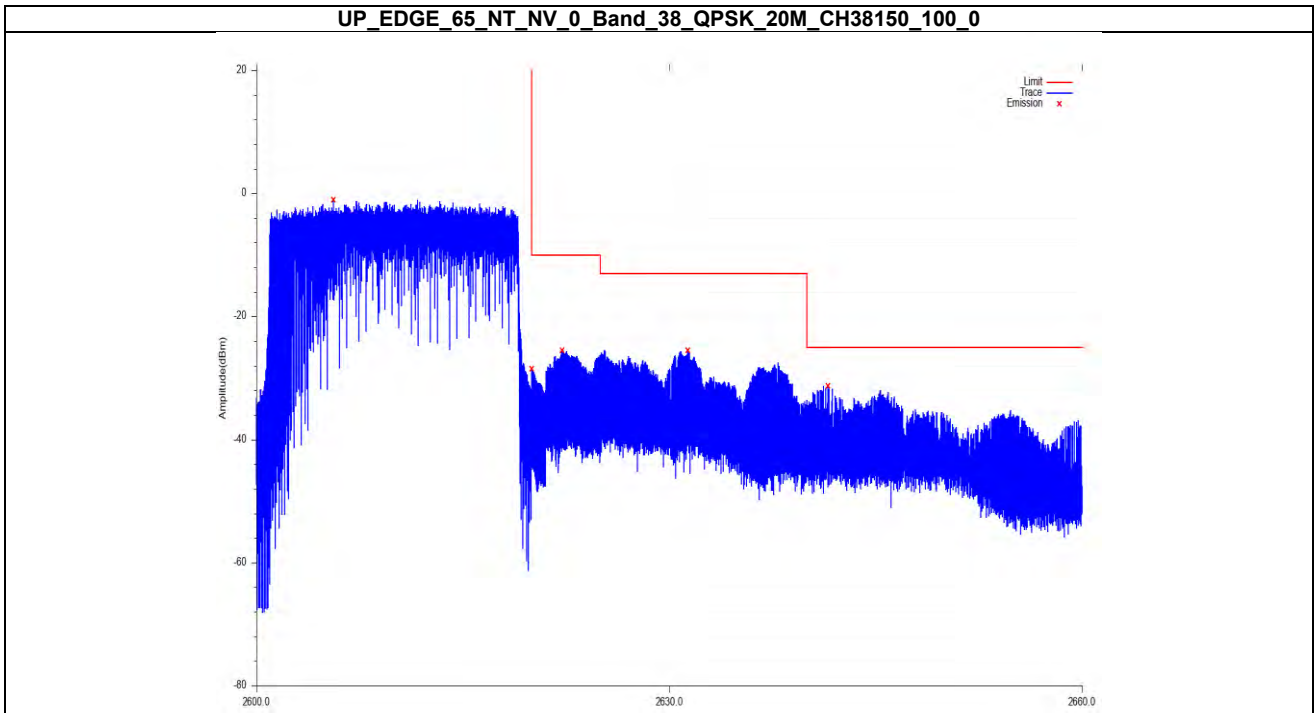
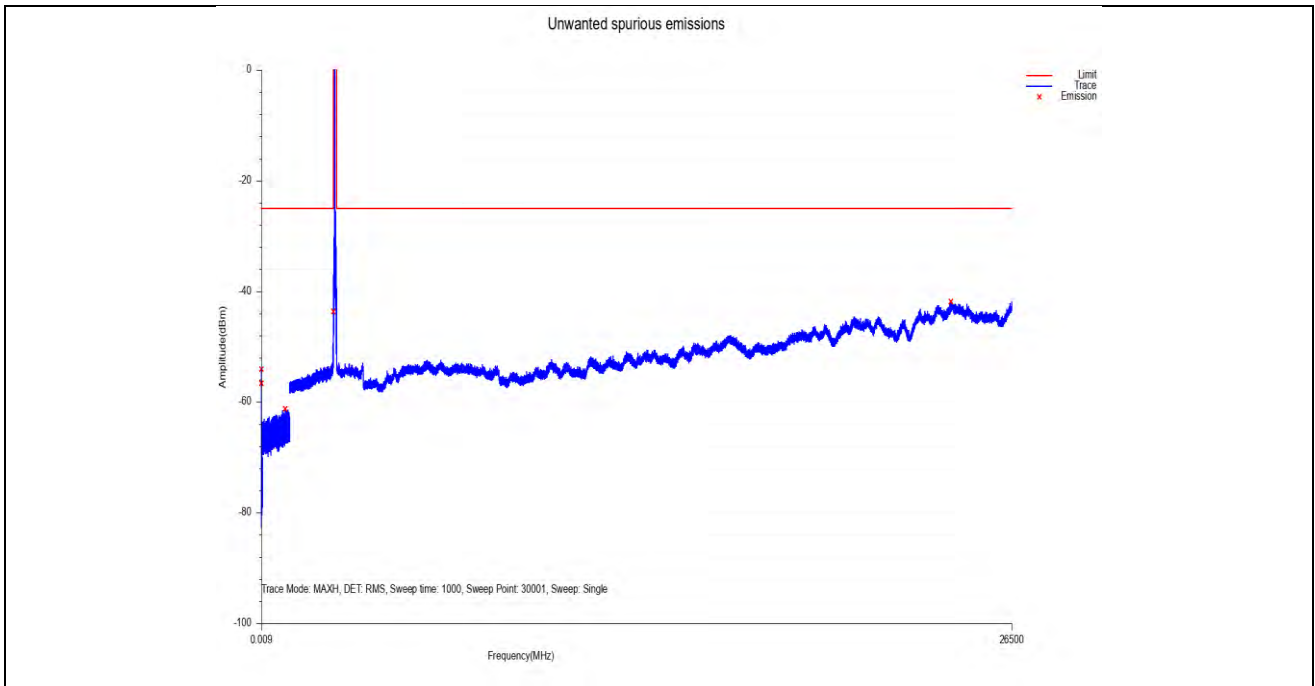
SA_65_NT_NV_0_Band_38_16QAM_20M_CH37850_1_0

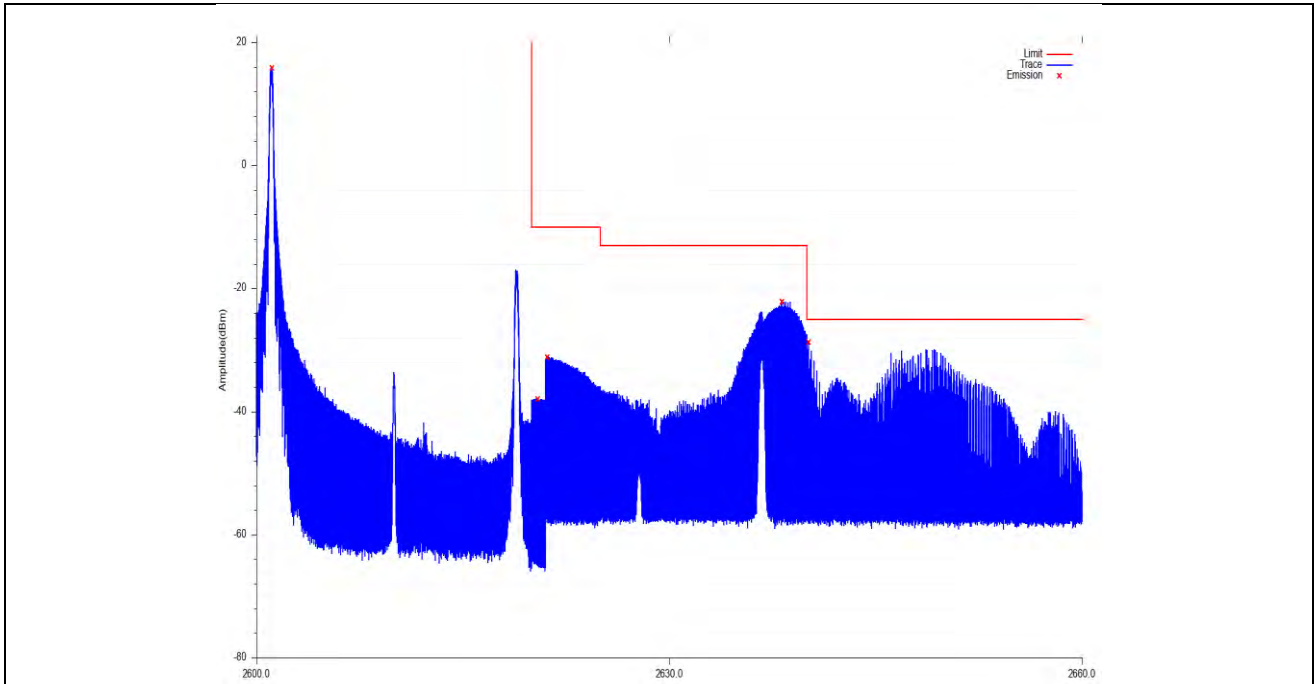


SA_65_NT_NV_0_Band_38_QPSK_20M_CH38000_100_0

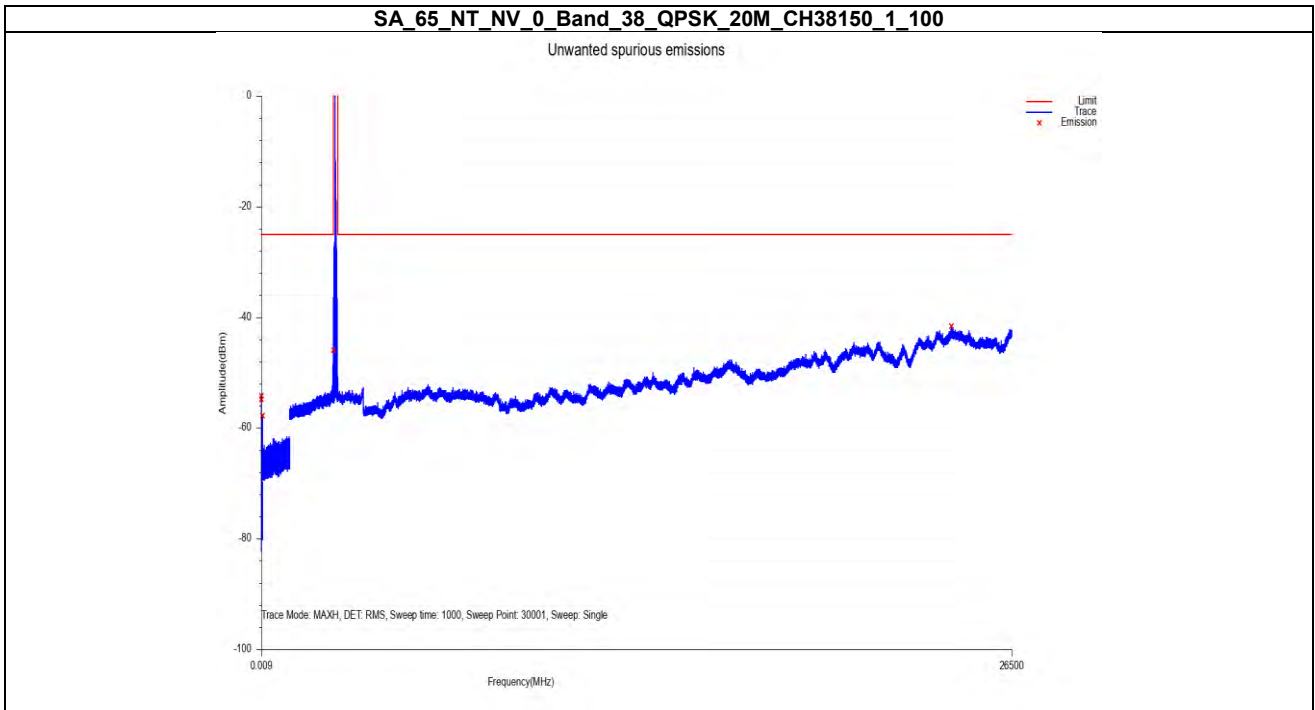


SA_65_NT_NV_0_Band_38_16QAM_20M_CH38000_100_0

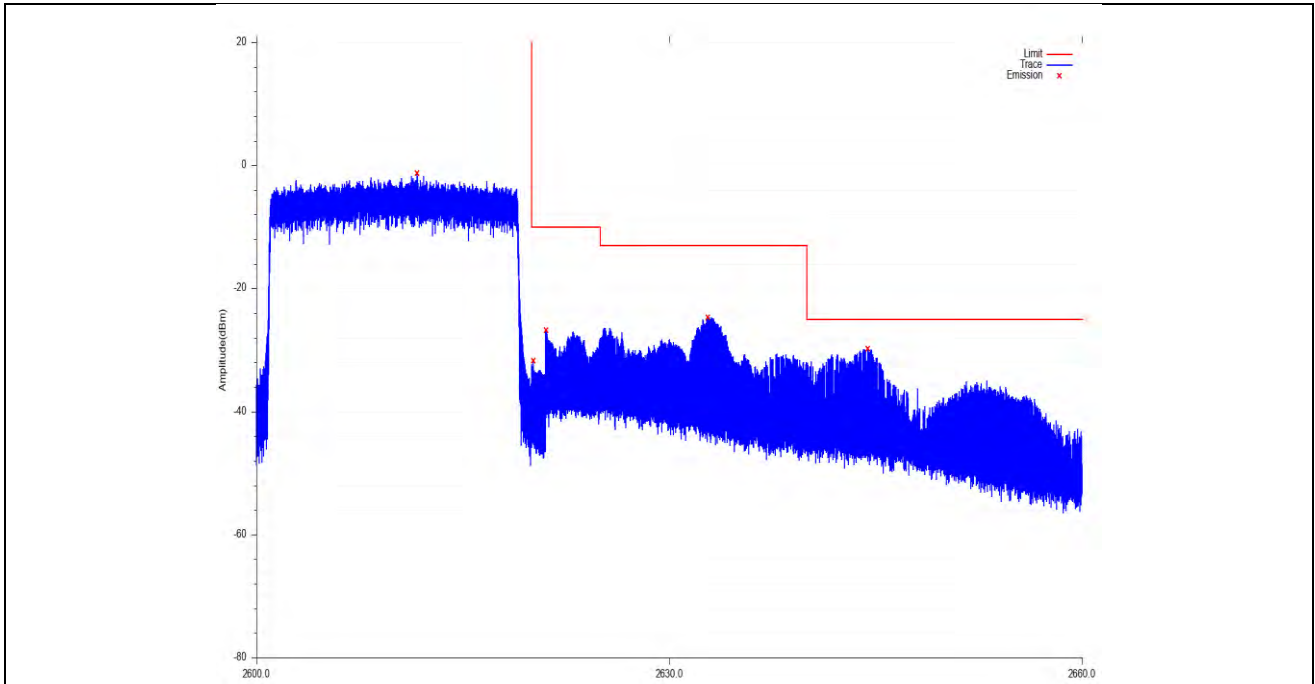




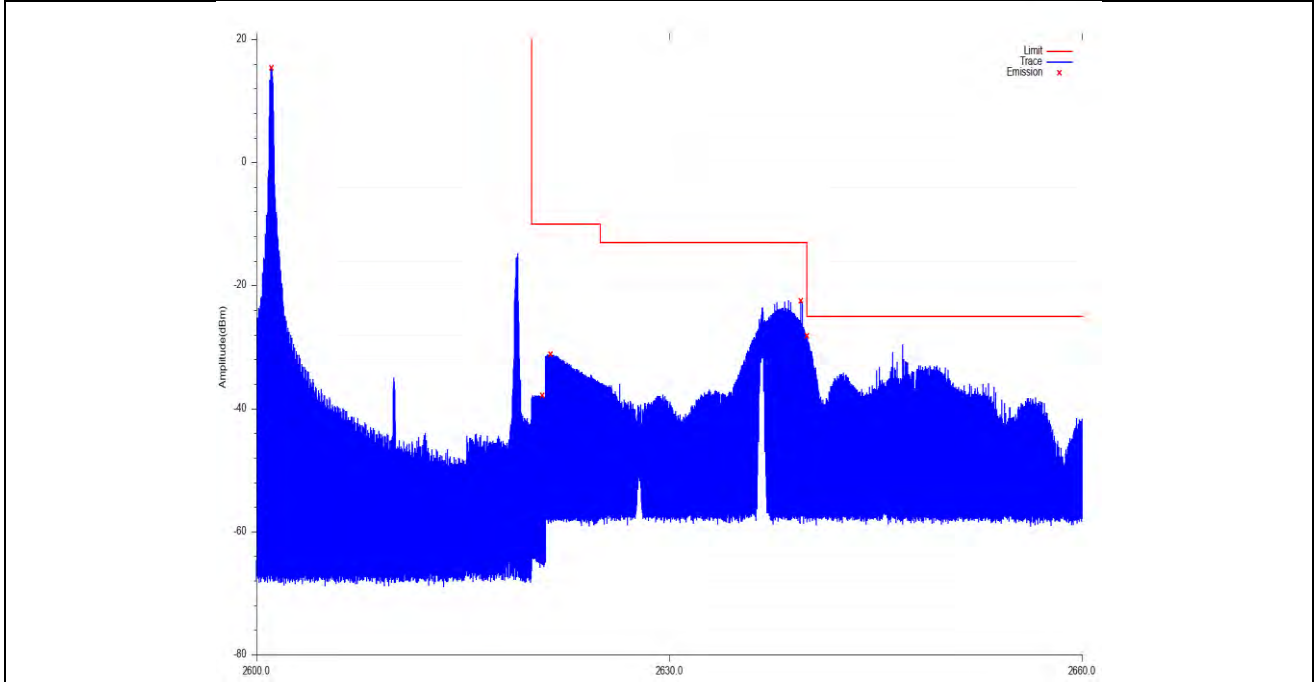
SA_65_NT_NV_0_Band_38_QPSK_20M_CH38150_1_100



UP_EDGE_65_NT_NV_0_Band_38_16QAM_20M_CH38150_100_0

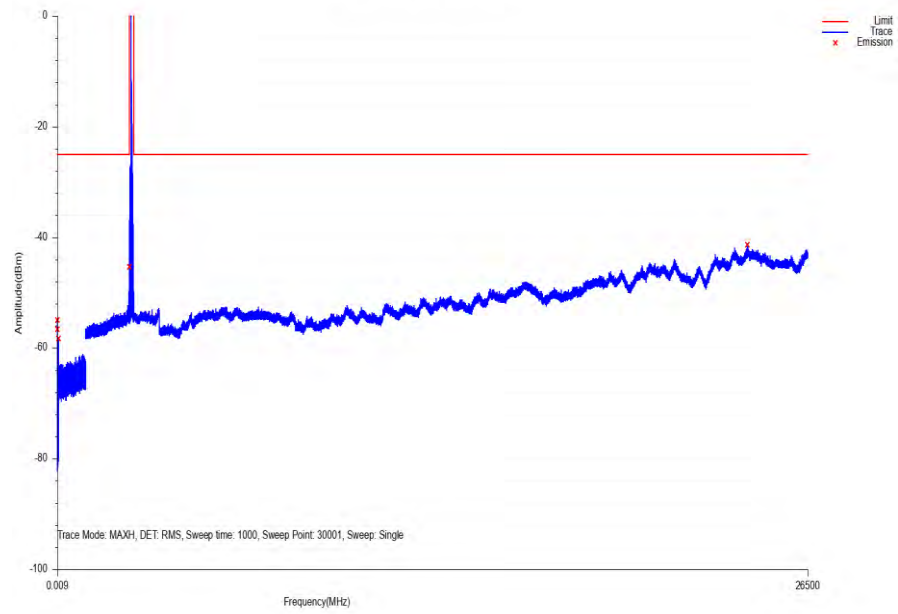


UP_EDGE_65_NT_NV_0_Band_38_16QAM_20M_CH38150_1_100



SA_65_NT_NV_0_Band_38_16QAM_20M_CH38150_1_100

Unwanted spurious emissions



5. Frequency Stability

Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	VL	NT	-0.04686	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VN	NT	0.04505	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VH	NT	-0.00569	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VL	NT	0.02400	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VN	NT	0.03299	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VH	NT	-0.01054	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VL	NT	-0.01643	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VN	NT	-0.04984	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VH	NT	0.01486	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VL	NT	-0.00372	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VN	NT	-0.02947	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VH	NT	-0.04528	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VL	NT	-0.03268	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VN	NT	0.04062	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VH	NT	0.03368	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VL	NT	-0.01352	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VN	NT	-0.02775	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VH	NT	0.01583	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VL	NT	-0.03961	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VN	NT	-0.03775	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VH	NT	0.04696	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VL	NT	-0.04407	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VN	NT	0.04295	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VH	NT	0.01868	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VL	NT	0.03733	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VN	NT	-0.01411	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VH	NT	-0.04923	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VL	NT	0.02807	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VN	NT	0.04796	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VH	NT	0.01912	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VL	NT	0.00998	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VN	NT	0.03635	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VH	NT	-0.01655	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VL	NT	-0.00210	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VN	NT	-0.00719	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VH	NT	-0.01741	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VL	NT	-0.00513	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VN	NT	0.00214	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VH	NT	-0.04188	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VL	NT	-0.00145	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VN	NT	-0.00511	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VH	NT	-0.00378	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VL	NT	0.02166	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VN	NT	0.03097	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VH	NT	-0.04847	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VL	NT	0.03896	±2.5	PASS

Band38	15MHz	16QAM	37825	75RB#0	VN	NT	0.00589	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VH	NT	0.01883	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VL	NT	-0.02701	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VN	NT	-0.01345	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VH	NT	-0.03528	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VL	NT	-0.04508	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VN	NT	-0.03020	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VH	NT	0.01202	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	0.03101	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-0.01227	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	0.00236	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-0.02289	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	0.04792	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	0.01932	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-0.02654	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-0.01660	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	0.04355	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	0.02063	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	0.02265	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	0.04940	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-0.03779	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-0.02801	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-0.00597	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	0.01620	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	-0.02782	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	0.04972	±2.5	PASS

Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	NV	-30	0.00476	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-20	-0.04427	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	0	-0.03692	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	10	-0.04327	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	20	0.04627	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-30	-0.01853	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-20	-0.03131	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	0	-0.04441	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	10	-0.03292	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	20	-0.01357	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-30	0.04522	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-20	-0.02507	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	0	0.04934	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	10	0.03034	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	20	0.02299	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-30	0.03739	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-20	-0.04131	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	0	-0.04790	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	10	0.00761	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	20	0.03086	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-30	0.00659	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-20	-0.03751	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	0	-0.00908	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	10	-0.01300	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	20	0.03316	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-30	0.01334	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-20	0.02648	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	0	0.03920	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	10	0.01795	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	20	0.01465	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-30	-0.04148	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-20	-0.02657	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	0	0.00604	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	10	-0.00022	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	20	-0.03168	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-30	-0.04140	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-20	0.00307	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	0	-0.02271	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	10	0.00636	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	20	0.03945	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-30	0.00219	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-20	0.03951	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	0	-0.00294	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	10	-0.02673	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	20	-0.02418	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-30	0.00745	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-20	0.03661	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	0	0.03046	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	10	-0.03718	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	20	-0.01241	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-30	-0.00172	±2.5	PASS

Band38	10MHz	16QAM	38000	50RB#0	NV	-20	-0.01542	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	0	-0.03075	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	10	-0.03913	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	20	-0.02220	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-30	0.01054	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-20	-0.00346	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	0	-0.00284	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	10	0.00529	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	20	-0.02156	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-30	0.03973	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-20	-0.00833	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	0	-0.04590	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	10	0.04559	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	20	0.01280	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-30	-0.00933	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-20	0.04598	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	0	-0.00637	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	10	0.03240	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	20	-0.01983	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-30	-0.03222	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-20	0.03090	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	0	-0.00044	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	10	-0.04951	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	20	0.02482	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-30	0.02359	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-20	0.02549	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	0	0.04341	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	10	-0.01859	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	20	-0.04750	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-30	0.00628	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-20	-0.03154	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	0	0.01522	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	10	0.01053	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	20	-0.01884	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-30	-0.01085	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-20	-0.04134	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	0	0.04999	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	10	0.00790	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	20	0.00735	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-0.03006	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	-0.04622	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	0.01487	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-0.01012	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-0.01000	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	0.02427	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-0.03615	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	0.04149	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	0.03570	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	0.00417	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	0.03612	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	0.01011	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-0.01053	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-0.04112	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-0.03429	±2.5	PASS

Band38	20MHz	16QAM	37850	100RB#0	NV	-30	0.04430	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	0.04821	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	0.02065	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	0.02420	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	0.03383	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-0.00738	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	0.04054	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	-0.01708	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-0.00921	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-0.03595	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-0.01607	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	-0.01927	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	0.01489	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-0.00604	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-0.03302	±2.5	PASS