

LTE Band 38 Test Data

FCC ID: 2BTSL-M3

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1. Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Gain (dB)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.64	-0.82	22.82	34.77	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.67	-0.82	22.85	34.77	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.77	-0.82	22.95	34.77	PASS
Band38	5MHz	QPSK	37775	12RB#0	24.06	-0.82	23.24	34.77	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.95	-0.82	22.13	34.77	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.53	-0.82	21.71	34.77	PASS
Band38	5MHz	QPSK	37775	25RB#0	23.06	-0.82	22.24	34.77	PASS
Band38	5MHz	16QAM	37775	1RB#0	23.79	-0.82	22.97	34.77	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.52	-0.82	21.70	34.77	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.43	-0.82	21.61	34.77	PASS
Band38	5MHz	16QAM	37775	12RB#0	23.20	-0.82	22.38	34.77	PASS
Band38	5MHz	16QAM	37775	12RB#6	23.36	-0.82	22.54	34.77	PASS
Band38	5MHz	16QAM	37775	12RB#13	23.80	-0.82	22.98	34.77	PASS
Band38	5MHz	16QAM	37775	25RB#0	22.83	-0.82	22.01	34.77	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.92	-0.82	23.10	34.77	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.62	-0.82	21.80	34.77	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.28	-0.82	22.46	34.77	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.27	-0.82	21.45	34.77	PASS
Band38	5MHz	QPSK	38000	12RB#6	23.25	-0.82	22.43	34.77	PASS
Band38	5MHz	QPSK	38000	12RB#13	23.33	-0.82	22.51	34.77	PASS
Band38	5MHz	QPSK	38000	25RB#0	24.03	-0.82	23.21	34.77	PASS
Band38	5MHz	16QAM	38000	1RB#0	23.61	-0.82	22.79	34.77	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.86	-0.82	22.04	34.77	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.42	-0.82	21.60	34.77	PASS
Band38	5MHz	16QAM	38000	12RB#0	23.80	-0.82	22.98	34.77	PASS
Band38	5MHz	16QAM	38000	12RB#6	22.87	-0.82	22.05	34.77	PASS
Band38	5MHz	16QAM	38000	12RB#13	23.39	-0.82	22.57	34.77	PASS
Band38	5MHz	16QAM	38000	25RB#0	23.61	-0.82	22.79	34.77	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.12	-0.82	21.30	34.77	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.71	-0.82	22.89	34.77	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.77	-0.82	21.95	34.77	PASS
Band38	5MHz	QPSK	38225	12RB#0	23.84	-0.82	23.02	34.77	PASS
Band38	5MHz	QPSK	38225	12RB#6	23.02	-0.82	22.20	34.77	PASS

Band38	5MHz	QPSK	38225	12RB#13	22.32	-0.82	21.50	34.77	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.89	-0.82	22.07	34.77	PASS
Band38	5MHz	16QAM	38225	1RB#0	23.92	-0.82	23.10	34.77	PASS
Band38	5MHz	16QAM	38225	1RB#12	24.16	-0.82	23.34	34.77	PASS
Band38	5MHz	16QAM	38225	1RB#24	23.08	-0.82	22.26	34.77	PASS
Band38	5MHz	16QAM	38225	12RB#0	23.29	-0.82	22.47	34.77	PASS
Band38	5MHz	16QAM	38225	12RB#6	24.07	-0.82	23.25	34.77	PASS
Band38	5MHz	16QAM	38225	12RB#13	23.70	-0.82	22.88	34.77	PASS
Band38	5MHz	16QAM	38225	25RB#0	23.17	-0.82	22.35	34.77	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.68	-0.82	21.86	34.77	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.52	-0.82	22.70	34.77	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.86	-0.82	23.04	34.77	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.71	-0.82	21.89	34.77	PASS
Band38	10MHz	QPSK	37800	25RB#12	23.46	-0.82	22.64	34.77	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.91	-0.82	22.09	34.77	PASS
Band38	10MHz	QPSK	37800	50RB#0	23.23	-0.82	22.41	34.77	PASS
Band38	10MHz	16QAM	37800	1RB#0	23.21	-0.82	22.39	34.77	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.17	-0.82	22.35	34.77	PASS
Band38	10MHz	16QAM	37800	1RB#49	23.29	-0.82	22.47	34.77	PASS
Band38	10MHz	16QAM	37800	25RB#0	22.93	-0.82	22.11	34.77	PASS
Band38	10MHz	16QAM	37800	25RB#12	23.23	-0.82	22.41	34.77	PASS
Band38	10MHz	16QAM	37800	25RB#25	24.01	-0.82	23.19	34.77	PASS
Band38	10MHz	16QAM	37800	50RB#0	22.94	-0.82	22.12	34.77	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.41	-0.82	21.59	34.77	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.35	-0.82	21.53	34.77	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.97	-0.82	22.15	34.77	PASS
Band38	10MHz	QPSK	38000	25RB#0	23.05	-0.82	22.23	34.77	PASS
Band38	10MHz	QPSK	38000	25RB#12	22.82	-0.82	22.00	34.77	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.61	-0.82	21.79	34.77	PASS
Band38	10MHz	QPSK	38000	50RB#0	22.50	-0.82	21.68	34.77	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.83	-0.82	22.01	34.77	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.50	-0.82	21.68	34.77	PASS
Band38	10MHz	16QAM	38000	1RB#49	24.16	-0.82	23.34	34.77	PASS
Band38	10MHz	16QAM	38000	25RB#0	23.82	-0.82	23.00	34.77	PASS
Band38	10MHz	16QAM	38000	25RB#12	22.45	-0.82	21.63	34.77	PASS
Band38	10MHz	16QAM	38000	25RB#25	23.59	-0.82	22.77	34.77	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.75	-0.82	21.93	34.77	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.31	-0.82	21.49	34.77	PASS

Band38	10MHz	QPSK	38200	1RB#24	23.26	-0.82	22.44	34.77	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.42	-0.82	21.60	34.77	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.98	-0.82	22.16	34.77	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.83	-0.82	22.01	34.77	PASS
Band38	10MHz	QPSK	38200	25RB#25	23.16	-0.82	22.34	34.77	PASS
Band38	10MHz	QPSK	38200	50RB#0	23.20	-0.82	22.38	34.77	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.87	-0.82	22.05	34.77	PASS
Band38	10MHz	16QAM	38200	1RB#24	23.58	-0.82	22.76	34.77	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.74	-0.82	21.92	34.77	PASS
Band38	10MHz	16QAM	38200	25RB#0	22.59	-0.82	21.77	34.77	PASS
Band38	10MHz	16QAM	38200	25RB#12	23.05	-0.82	22.23	34.77	PASS
Band38	10MHz	16QAM	38200	25RB#25	22.92	-0.82	22.10	34.77	PASS
Band38	10MHz	16QAM	38200	50RB#0	24.02	-0.82	23.20	34.77	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.22	-0.82	21.40	34.77	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.34	-0.82	22.52	34.77	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.98	-0.82	22.16	34.77	PASS
Band38	15MHz	QPSK	37825	38RB#0	23.58	-0.82	22.76	34.77	PASS
Band38	15MHz	QPSK	37825	38RB#18	22.72	-0.82	21.90	34.77	PASS
Band38	15MHz	QPSK	37825	38RB#37	23.38	-0.82	22.56	34.77	PASS
Band38	15MHz	QPSK	37825	75RB#0	23.04	-0.82	22.22	34.77	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.94	-0.82	22.12	34.77	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.71	-0.82	21.89	34.77	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.59	-0.82	21.77	34.77	PASS
Band38	15MHz	16QAM	37825	38RB#0	22.95	-0.82	22.13	34.77	PASS
Band38	15MHz	16QAM	37825	38RB#18	24.10	-0.82	23.28	34.77	PASS
Band38	15MHz	16QAM	37825	38RB#37	22.77	-0.82	21.95	34.77	PASS
Band38	15MHz	16QAM	37825	75RB#0	23.16	-0.82	22.34	34.77	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.34	-0.82	22.52	34.77	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.51	-0.82	22.69	34.77	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.55	-0.82	22.73	34.77	PASS
Band38	15MHz	QPSK	38000	38RB#0	23.18	-0.82	22.36	34.77	PASS
Band38	15MHz	QPSK	38000	38RB#18	23.51	-0.82	22.69	34.77	PASS
Band38	15MHz	QPSK	38000	38RB#37	23.60	-0.82	22.78	34.77	PASS
Band38	15MHz	QPSK	38000	75RB#0	23.31	-0.82	22.49	34.77	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.65	-0.82	21.83	34.77	PASS
Band38	15MHz	16QAM	38000	1RB#38	23.41	-0.82	22.59	34.77	PASS
Band38	15MHz	16QAM	38000	1RB#74	23.47	-0.82	22.65	34.77	PASS
Band38	15MHz	16QAM	38000	38RB#0	23.00	-0.82	22.18	34.77	PASS

Band38	15MHz	16QAM	38000	38RB#18	23.56	-0.82	22.74	34.77	PASS
Band38	15MHz	16QAM	38000	38RB#37	22.65	-0.82	21.83	34.77	PASS
Band38	15MHz	16QAM	38000	75RB#0	23.04	-0.82	22.22	34.77	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.72	-0.82	21.90	34.77	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.28	-0.82	22.46	34.77	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.67	-0.82	21.85	34.77	PASS
Band38	15MHz	QPSK	38175	38RB#0	22.01	-0.82	21.19	34.77	PASS
Band38	15MHz	QPSK	38175	38RB#18	22.99	-0.82	22.17	34.77	PASS
Band38	15MHz	QPSK	38175	38RB#37	23.38	-0.82	22.56	34.77	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.48	-0.82	21.66	34.77	PASS
Band38	15MHz	16QAM	38175	1RB#0	23.85	-0.82	23.03	34.77	PASS
Band38	15MHz	16QAM	38175	1RB#38	23.02	-0.82	22.20	34.77	PASS
Band38	15MHz	16QAM	38175	1RB#74	23.65	-0.82	22.83	34.77	PASS
Band38	15MHz	16QAM	38175	38RB#0	23.09	-0.82	22.27	34.77	PASS
Band38	15MHz	16QAM	38175	38RB#18	22.95	-0.82	22.13	34.77	PASS
Band38	15MHz	16QAM	38175	38RB#37	23.47	-0.82	22.65	34.77	PASS
Band38	15MHz	16QAM	38175	75RB#0	23.30	-0.82	22.48	34.77	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.37	-0.82	22.55	34.77	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.25	-0.82	22.43	34.77	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.42	-0.82	22.60	34.77	PASS
Band38	20MHz	QPSK	37850	50RB#0	23.07	-0.82	22.25	34.77	PASS
Band38	20MHz	QPSK	37850	50RB#25	22.60	-0.82	21.78	34.77	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.52	-0.82	21.70	34.77	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.18	-0.82	22.36	34.77	PASS
Band38	20MHz	16QAM	37850	1RB#0	23.39	-0.82	22.57	34.77	PASS
Band38	20MHz	16QAM	37850	1RB#49	22.68	-0.82	21.86	34.77	PASS
Band38	20MHz	16QAM	37850	1RB#99	23.56	-0.82	22.74	34.77	PASS
Band38	20MHz	16QAM	37850	50RB#0	22.83	-0.82	22.01	34.77	PASS
Band38	20MHz	16QAM	37850	50RB#25	22.89	-0.82	22.07	34.77	PASS
Band38	20MHz	16QAM	37850	50RB#50	23.24	-0.82	22.42	34.77	PASS
Band38	20MHz	16QAM	37850	100RB#0	22.71	-0.82	21.89	34.77	PASS
Band38	20MHz	QPSK	38000	1RB#0	24.56	-0.82	23.74	34.77	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.46	-0.82	22.64	34.77	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.56	-0.82	21.74	34.77	PASS
Band38	20MHz	QPSK	38000	50RB#0	23.49	-0.82	22.67	34.77	PASS
Band38	20MHz	QPSK	38000	50RB#25	23.53	-0.82	22.71	34.77	PASS
Band38	20MHz	QPSK	38000	50RB#50	23.73	-0.82	22.91	34.77	PASS
Band38	20MHz	QPSK	38000	100RB#0	23.01	-0.82	22.19	34.77	PASS

Band38	20MHz	16QAM	38000	1RB#0	23.69	-0.82	22.87	34.77	PASS
Band38	20MHz	16QAM	38000	1RB#49	23.51	-0.82	22.69	34.77	PASS
Band38	20MHz	16QAM	38000	1RB#99	23.03	-0.82	22.21	34.77	PASS
Band38	20MHz	16QAM	38000	50RB#0	22.39	-0.82	21.57	34.77	PASS
Band38	20MHz	16QAM	38000	50RB#25	23.21	-0.82	22.39	34.77	PASS
Band38	20MHz	16QAM	38000	50RB#50	22.50	-0.82	21.68	34.77	PASS
Band38	20MHz	16QAM	38000	100RB#0	23.78	-0.82	22.96	34.77	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.94	-0.82	23.12	34.77	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.76	-0.82	22.94	34.77	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.39	-0.82	22.57	34.77	PASS
Band38	20MHz	QPSK	38150	50RB#0	23.36	-0.82	22.54	34.77	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.84	-0.82	22.02	34.77	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.97	-0.82	22.15	34.77	PASS
Band38	20MHz	QPSK	38150	100RB#0	22.90	-0.82	22.08	34.77	PASS
Band38	20MHz	16QAM	38150	1RB#0	24.20	-0.82	23.38	34.77	PASS
Band38	20MHz	16QAM	38150	1RB#49	22.68	-0.82	21.86	34.77	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.98	-0.82	22.16	34.77	PASS
Band38	20MHz	16QAM	38150	50RB#0	23.20	-0.82	22.38	34.77	PASS
Band38	20MHz	16QAM	38150	50RB#25	23.46	-0.82	22.64	34.77	PASS
Band38	20MHz	16QAM	38150	50RB#50	22.53	-0.82	21.71	34.77	PASS
Band38	20MHz	16QAM	38150	100RB#0	22.45	-0.82	21.63	34.77	PASS

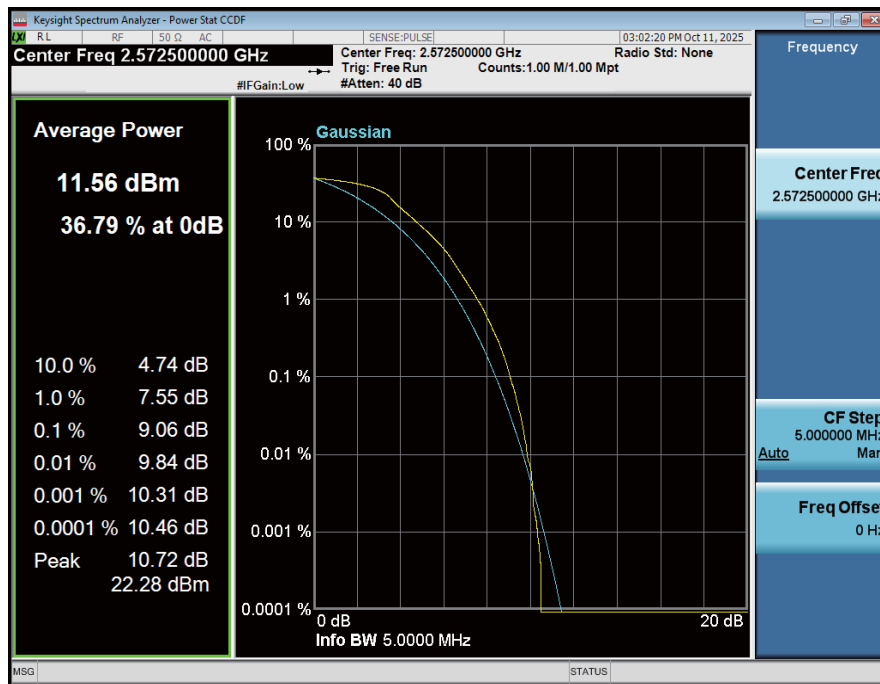
EIRP= Conducted Power + ANT Gain

2. Peak-to-Average Ratio(CCDF)

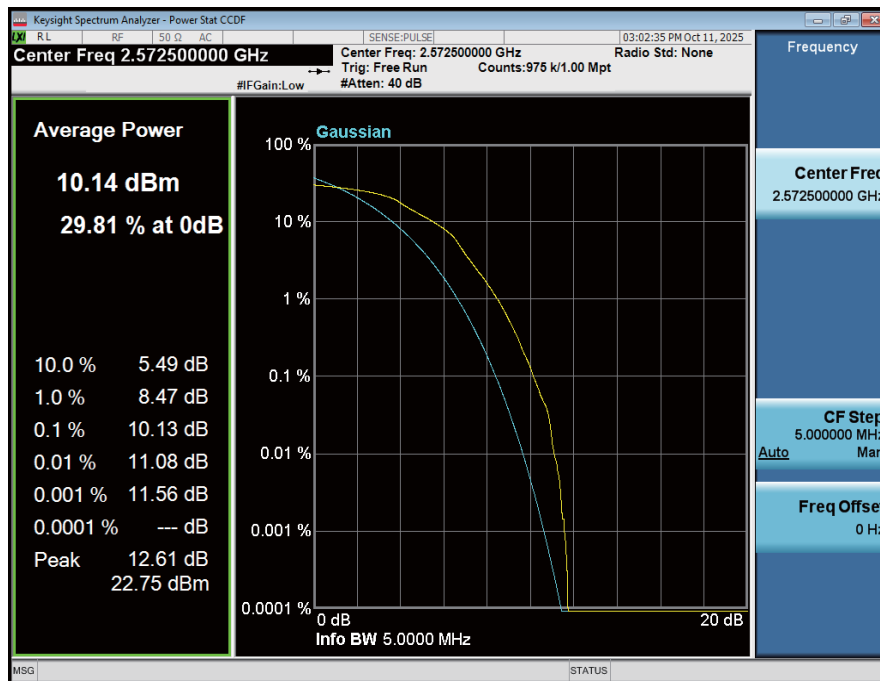
Test Result

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	9.06	13.00	Pass
NV_NT	Band 38	16QAM	5M	2572.5	25	0	10.15	13.00	Pass
NV_NT	Band 38	QPSK	5M	2595.0	25	0	9.78	13.00	Pass
NV_NT	Band 38	16QAM	5M	2595.0	25	0	10.30	13.00	Pass
NV_NT	Band 38	QPSK	5M	2617.5	25	0	9.68	13.00	Pass
NV_NT	Band 38	16QAM	5M	2617.5	25	0	9.80	13.00	Pass
NV_NT	Band 38	QPSK	10M	2575.0	50	0	9.96	13.00	Pass
NV_NT	Band 38	16QAM	10M	2575.0	50	0	9.85	13.00	Pass
NV_NT	Band 38	QPSK	10M	2595.0	50	0	10.03	13.00	Pass
NV_NT	Band 38	16QAM	10M	2595.0	50	0	10.73	13.00	Pass
NV_NT	Band 38	QPSK	10M	2615.0	50	0	9.59	13.00	Pass
NV_NT	Band 38	16QAM	10M	2615.0	50	0	10.14	13.00	Pass
NV_NT	Band 38	QPSK	15M	2577.5	75	0	9.81	13.00	Pass
NV_NT	Band 38	16QAM	15M	2577.5	75	0	12.05	13.00	Pass
NV_NT	Band 38	QPSK	15M	2595.0	75	0	8.99	13.00	Pass
NV_NT	Band 38	16QAM	15M	2595.0	75	0	10.75	13.00	Pass
NV_NT	Band 38	QPSK	15M	2612.5	75	0	9.74	13.00	Pass
NV_NT	Band 38	16QAM	15M	2612.5	75	0	10.55	13.00	Pass
NV_NT	Band 38	QPSK	20M	2580.0	100	0	9.78	13.00	Pass
NV_NT	Band 38	16QAM	20M	2580.0	100	0	9.91	13.00	Pass
NV_NT	Band 38	QPSK	20M	2595.0	100	0	8.91	13.00	Pass
NV_NT	Band 38	16QAM	20M	2595.0	100	0	10.12	13.00	Pass
NV_NT	Band 38	QPSK	20M	2610.0	100	0	9.38	13.00	Pass
NV_NT	Band 38	16QAM	20M	2610.0	100	0	9.92	13.00	Pass

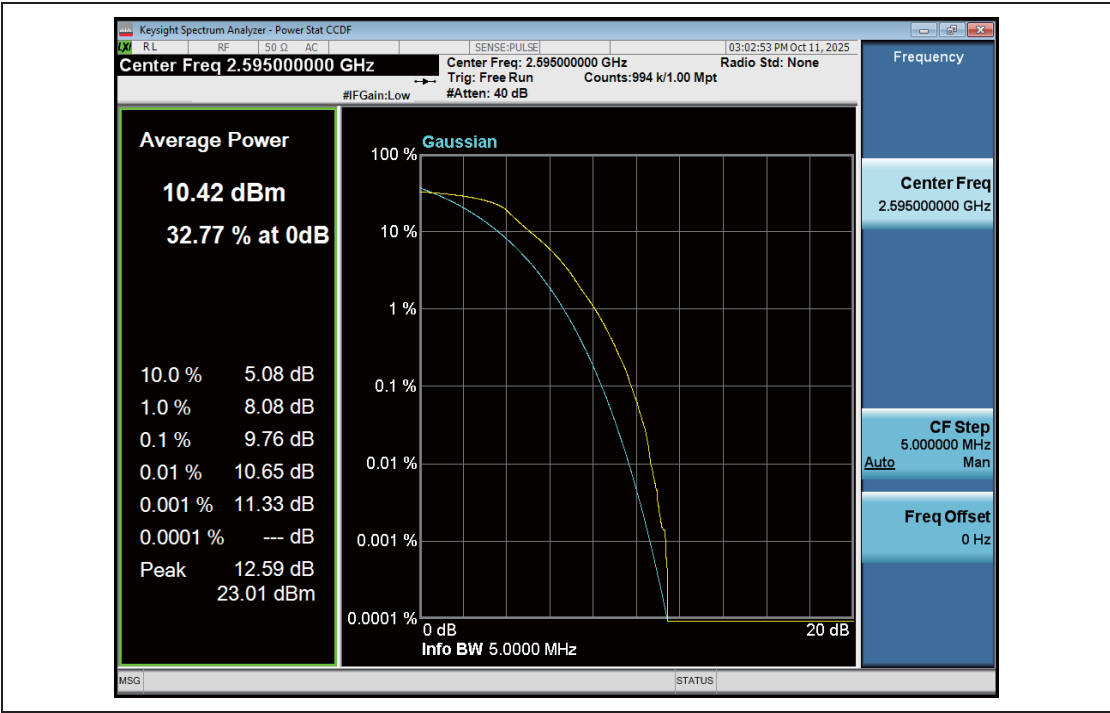
SA_65_NT_NV_0_Band_38_QPSK_5M_CH37775_25_0



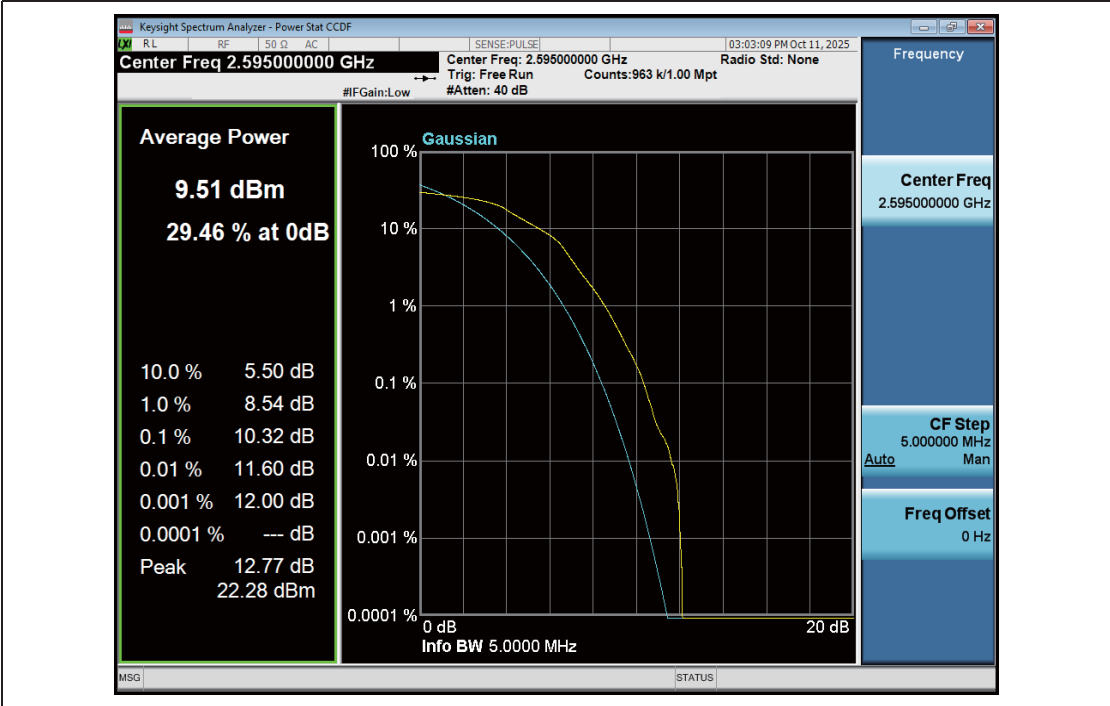
SA_65_NT_NV_0_Band_38_16QAM_5M_CH37775_25_0



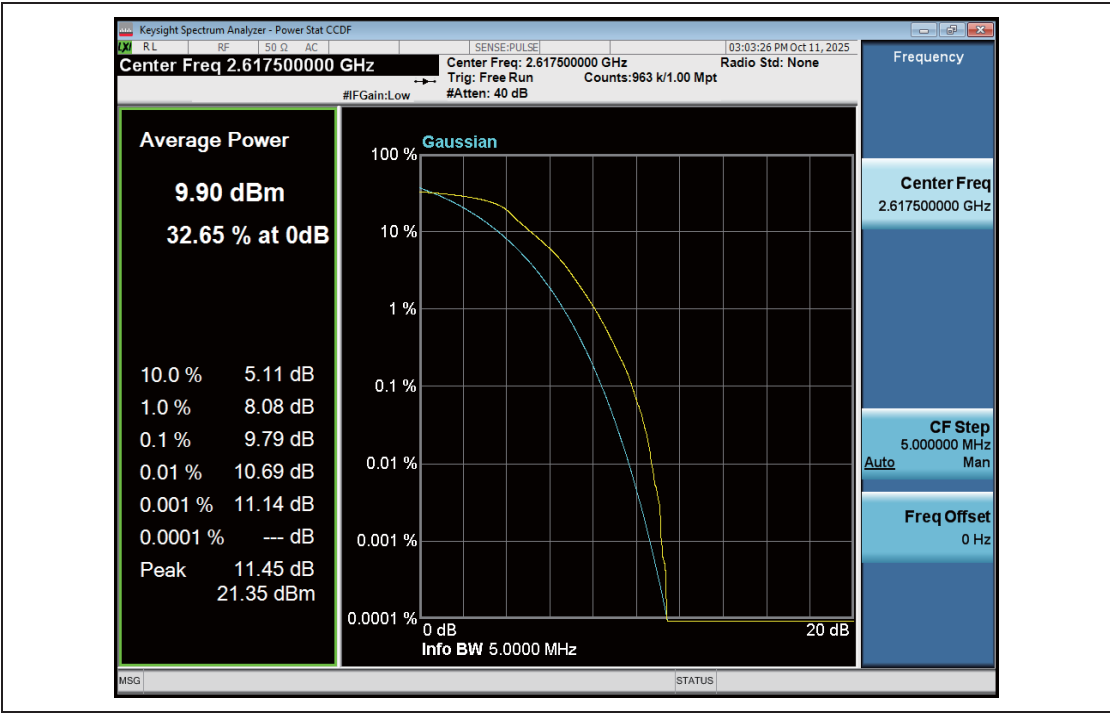
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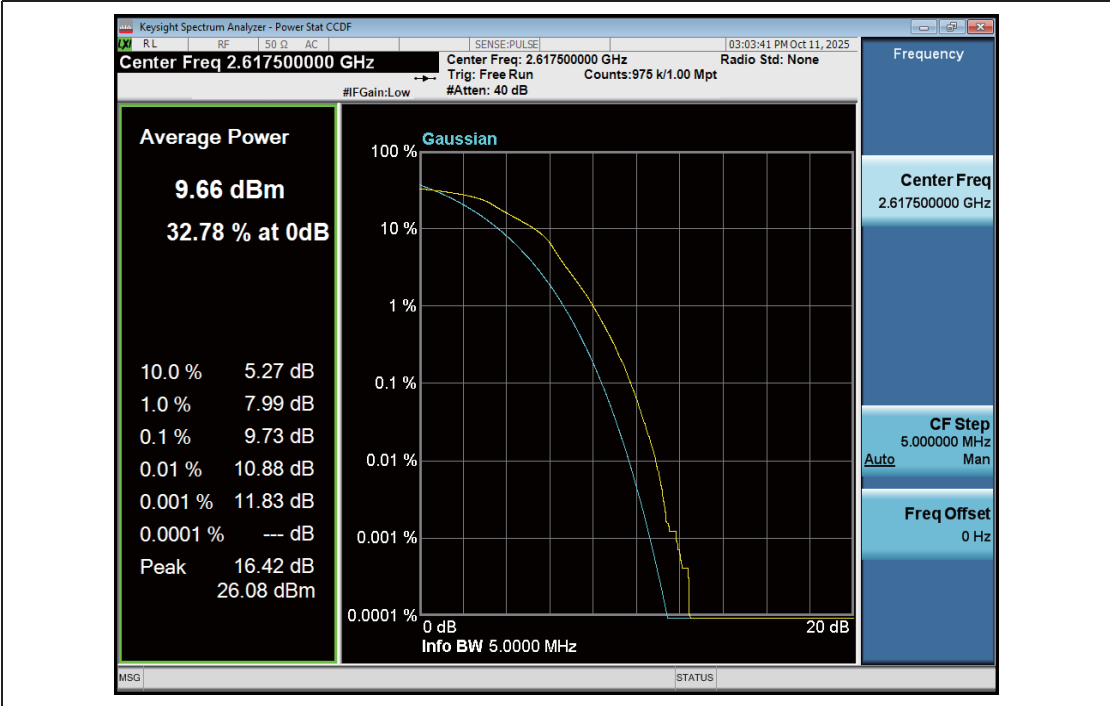
SA_65_NT_NV_0_Band_38_16QAM_5M_CH38000_25_0



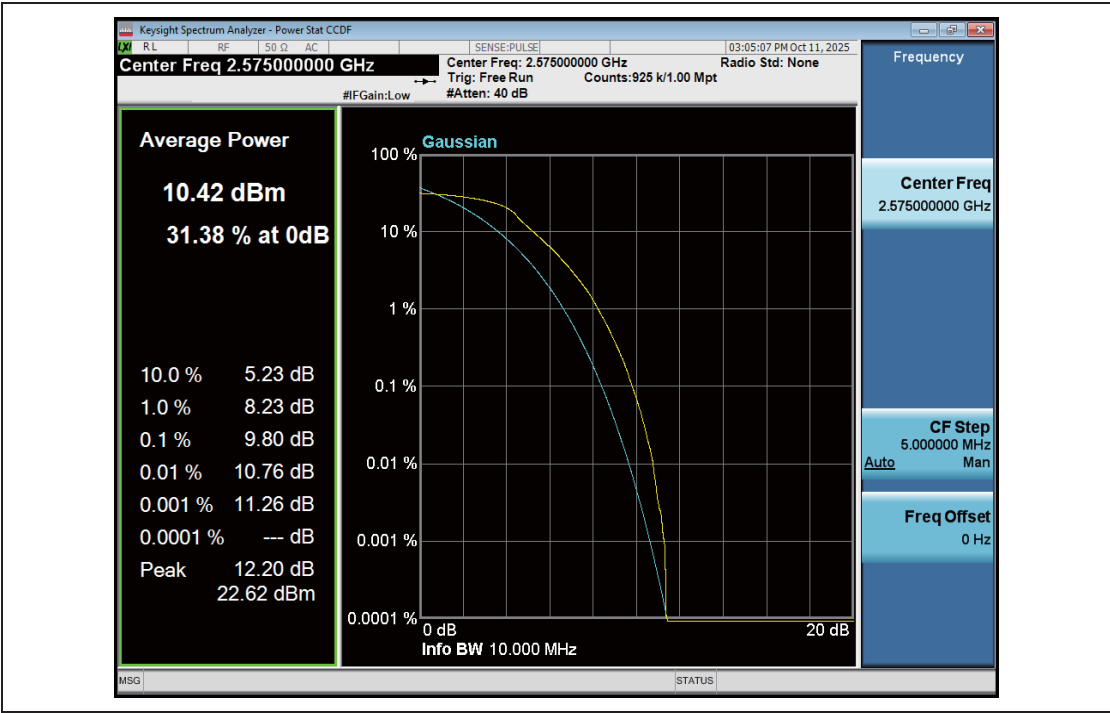
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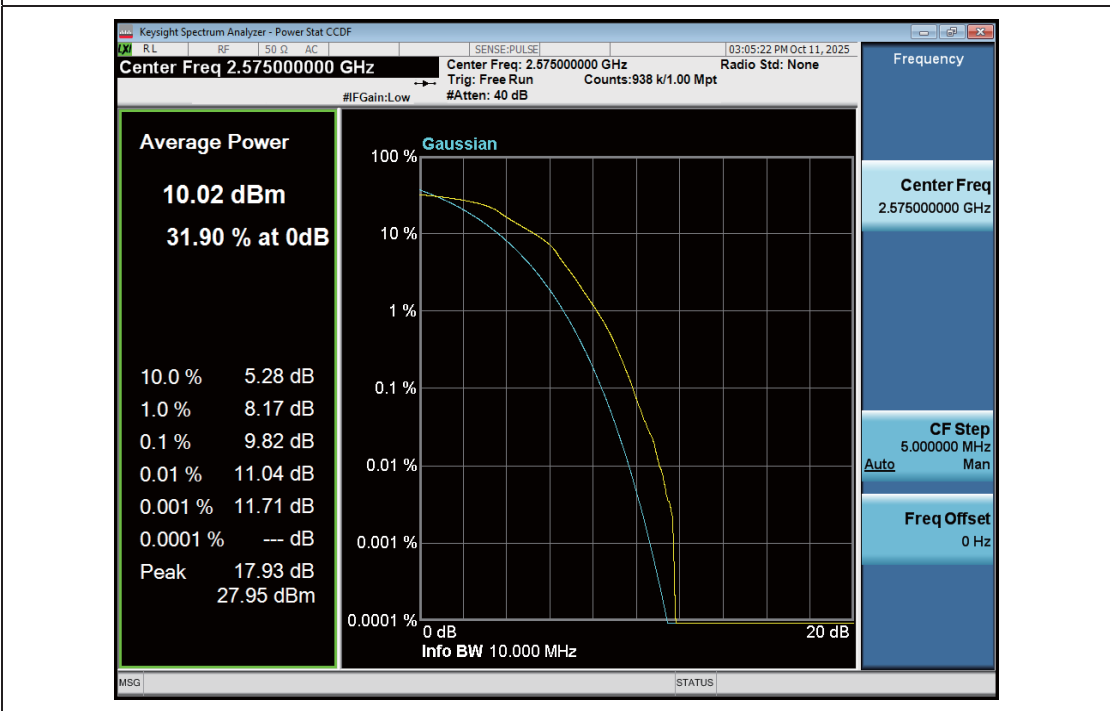
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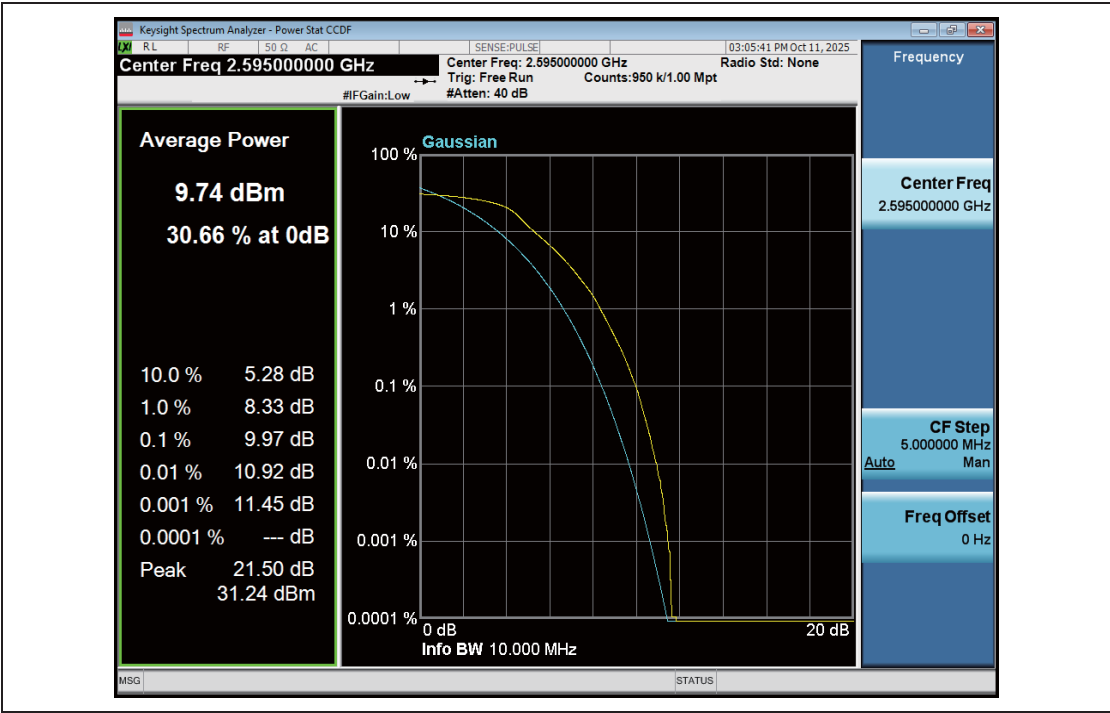
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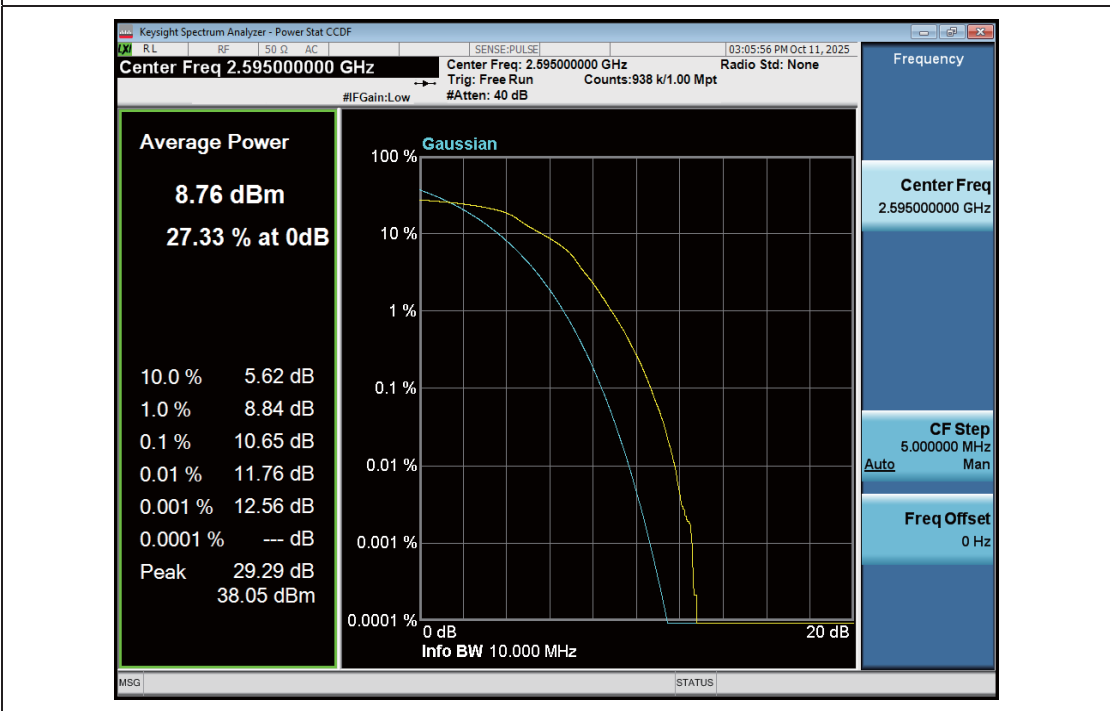
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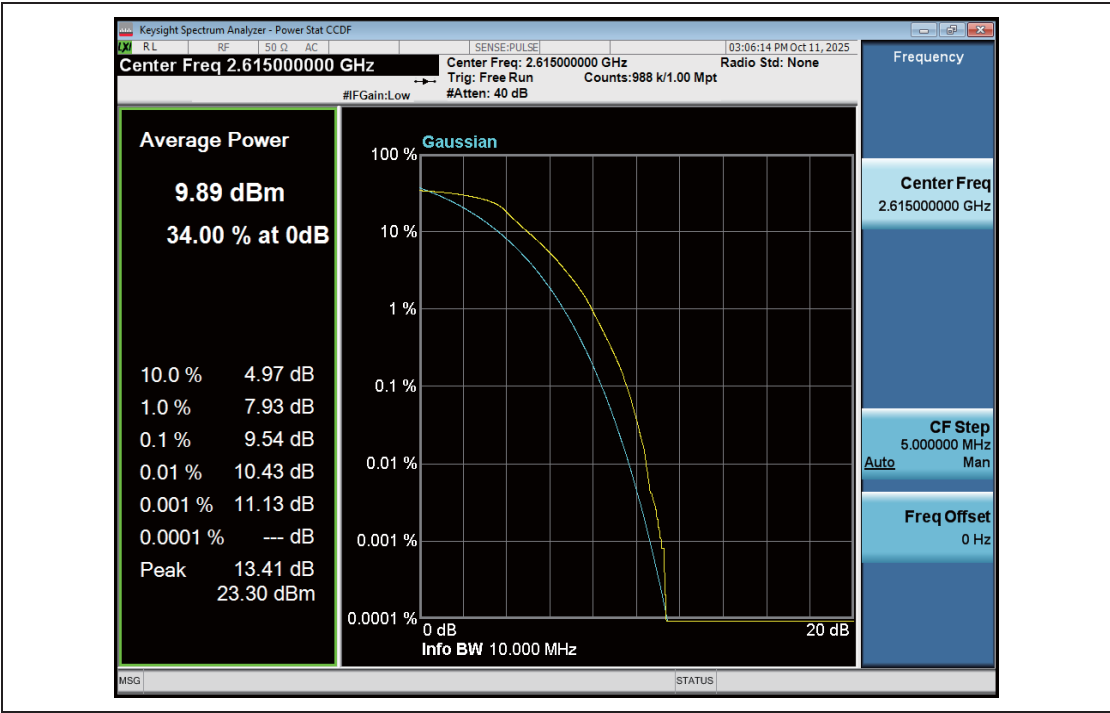
SA_65_NT_NV_0_Band_38_QPSK_10M_CH38000_50_0



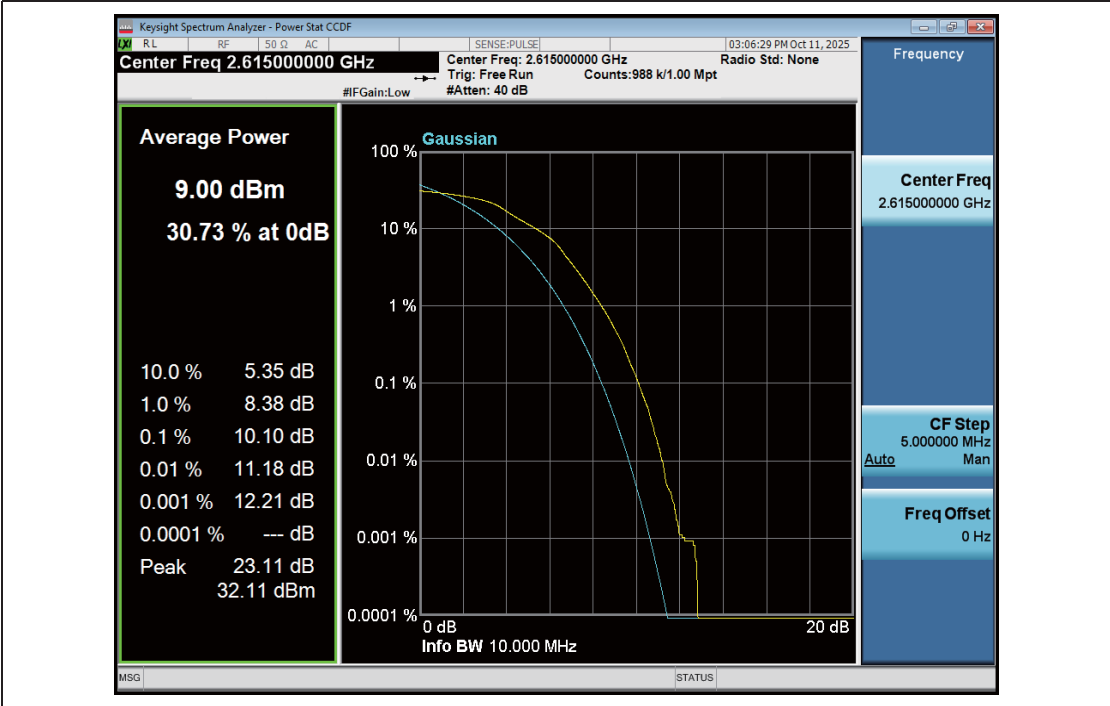
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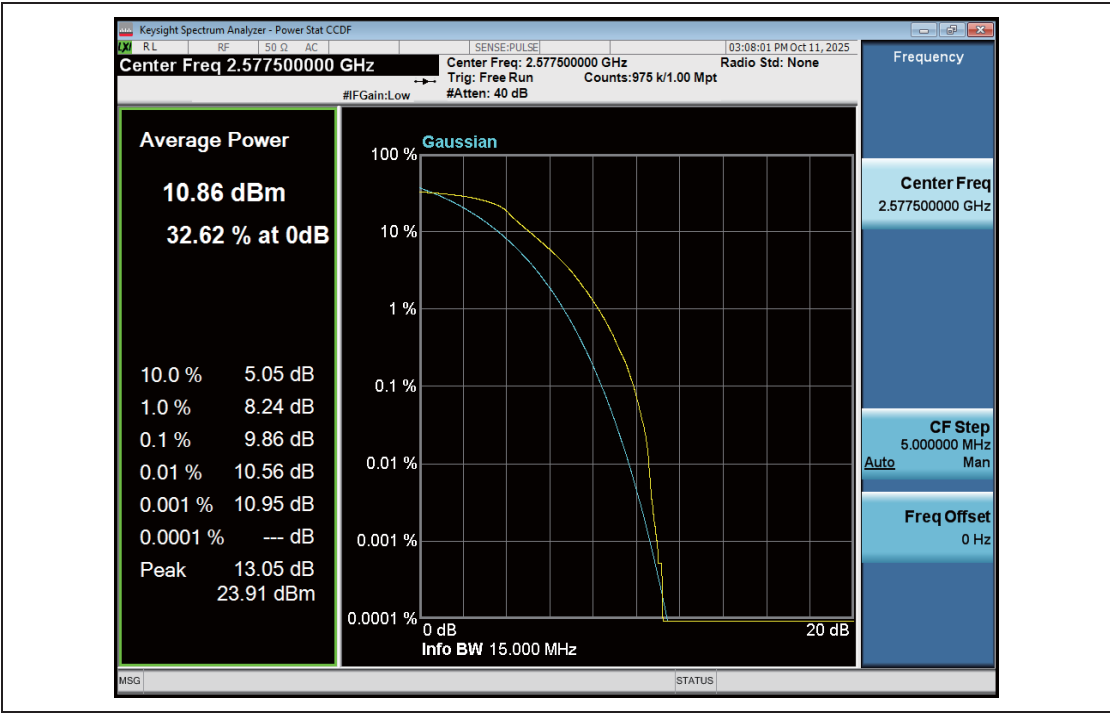
SA_65_NT_NV_0_Band_38_QPSK_10M_CH38200_50_0



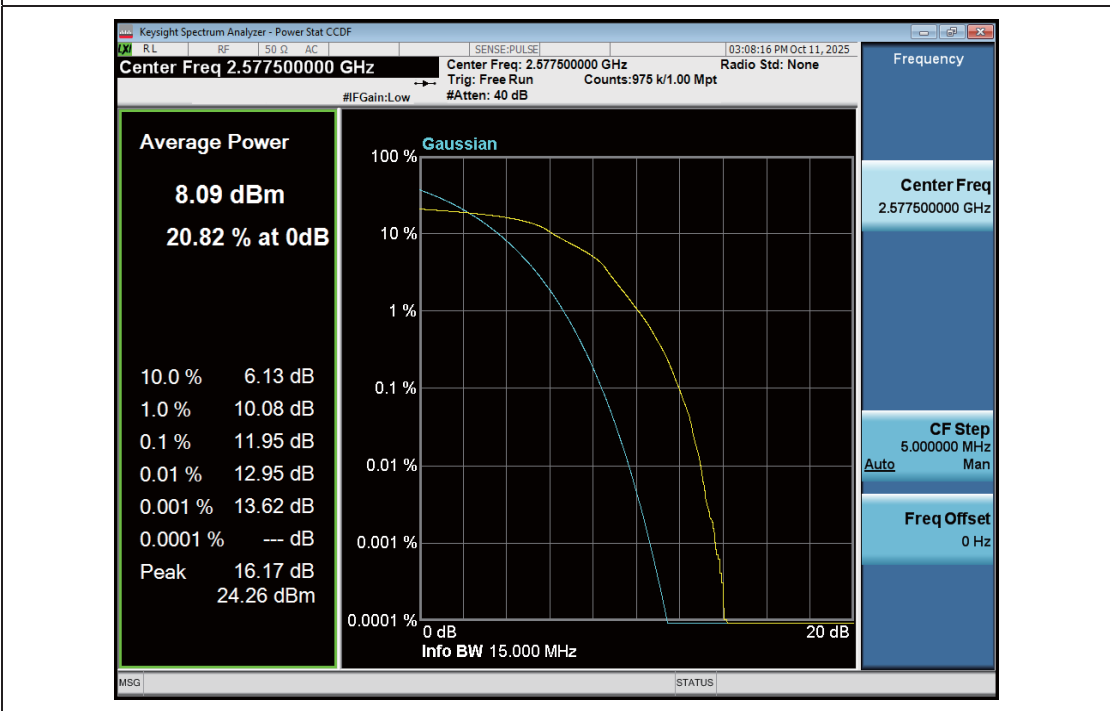
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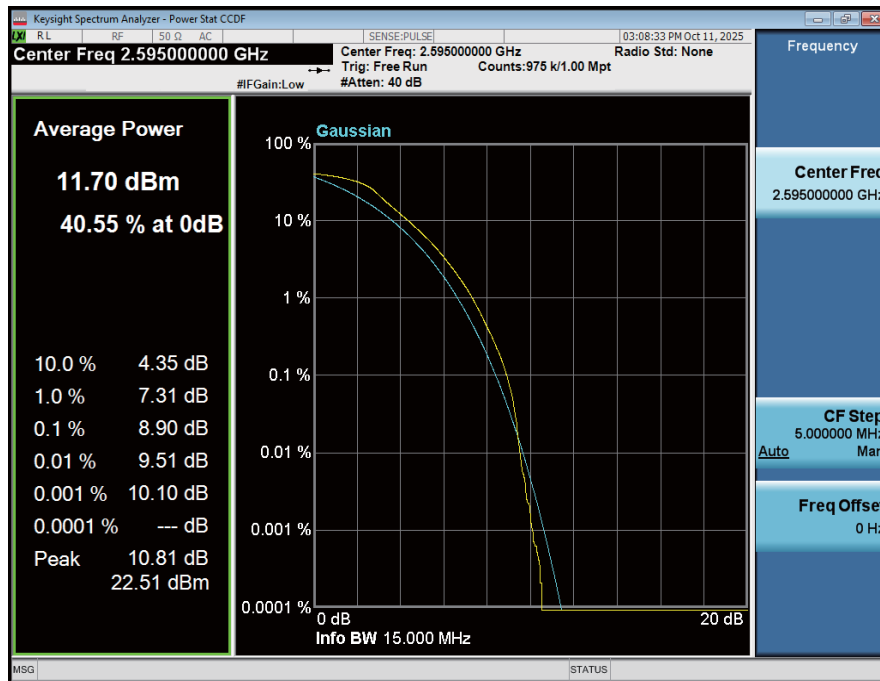
SA_65_NT_NV_0_Band_38_QPSK_15M_CH37825_75_0



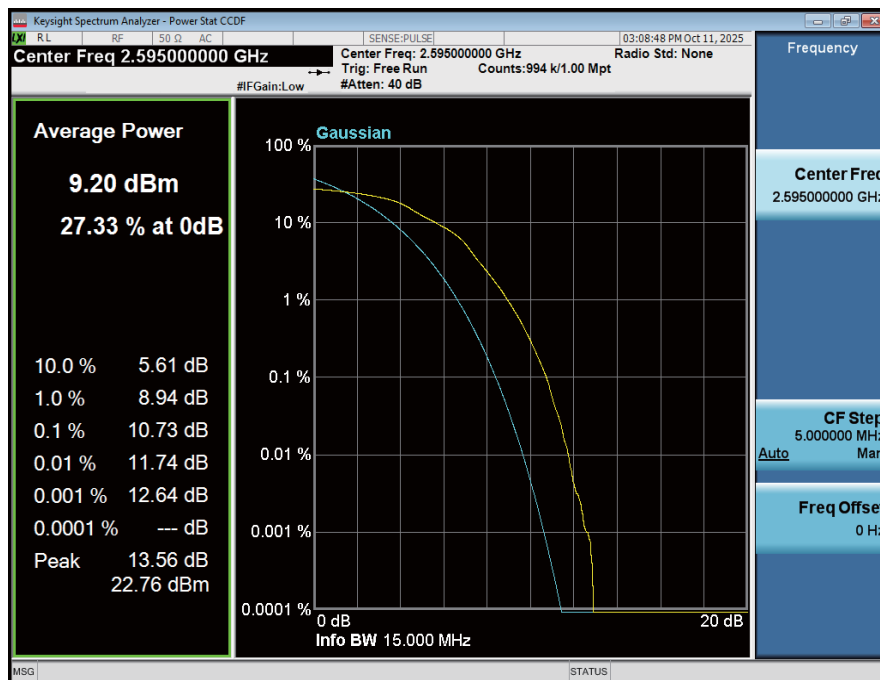
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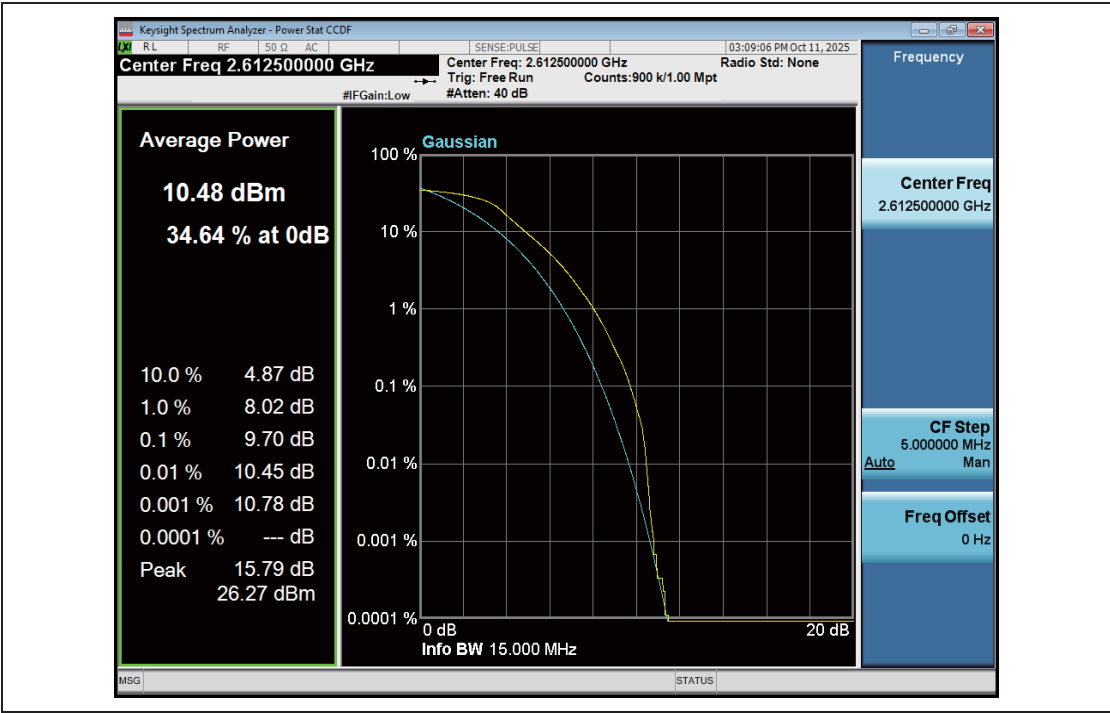
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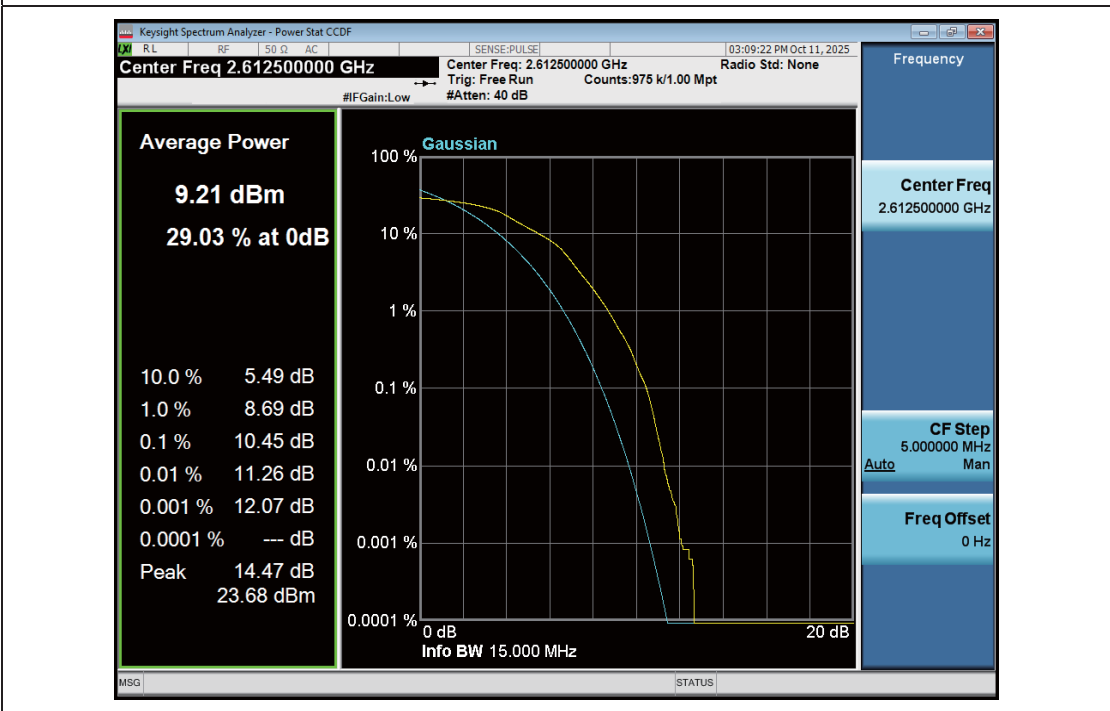
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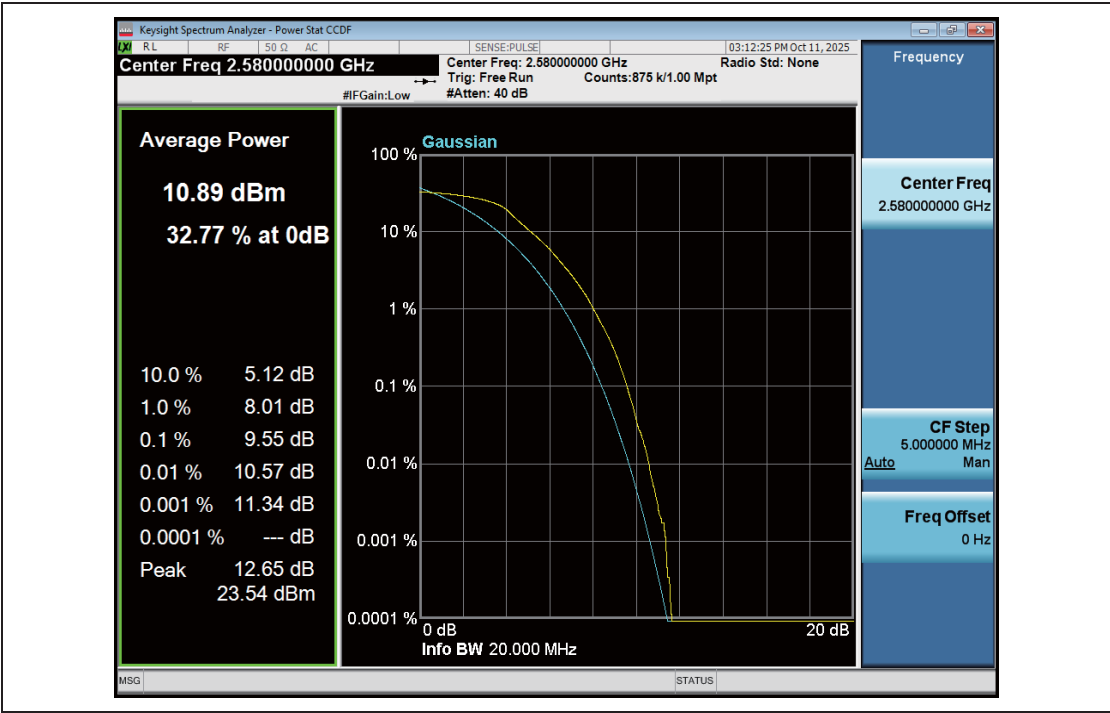
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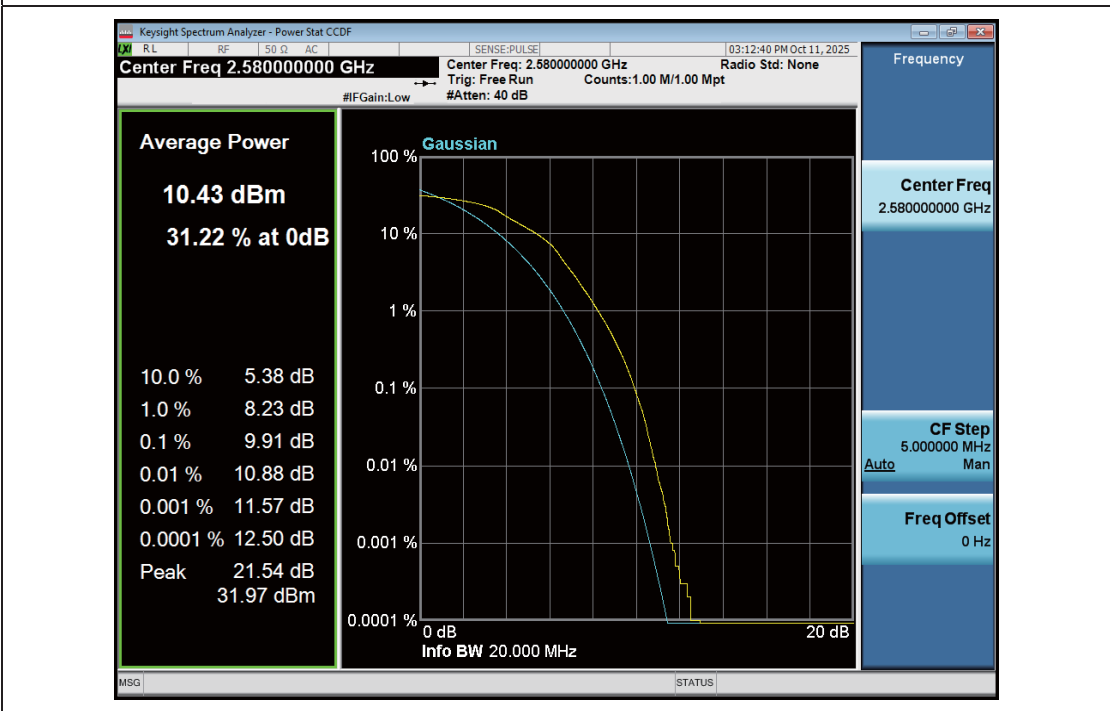
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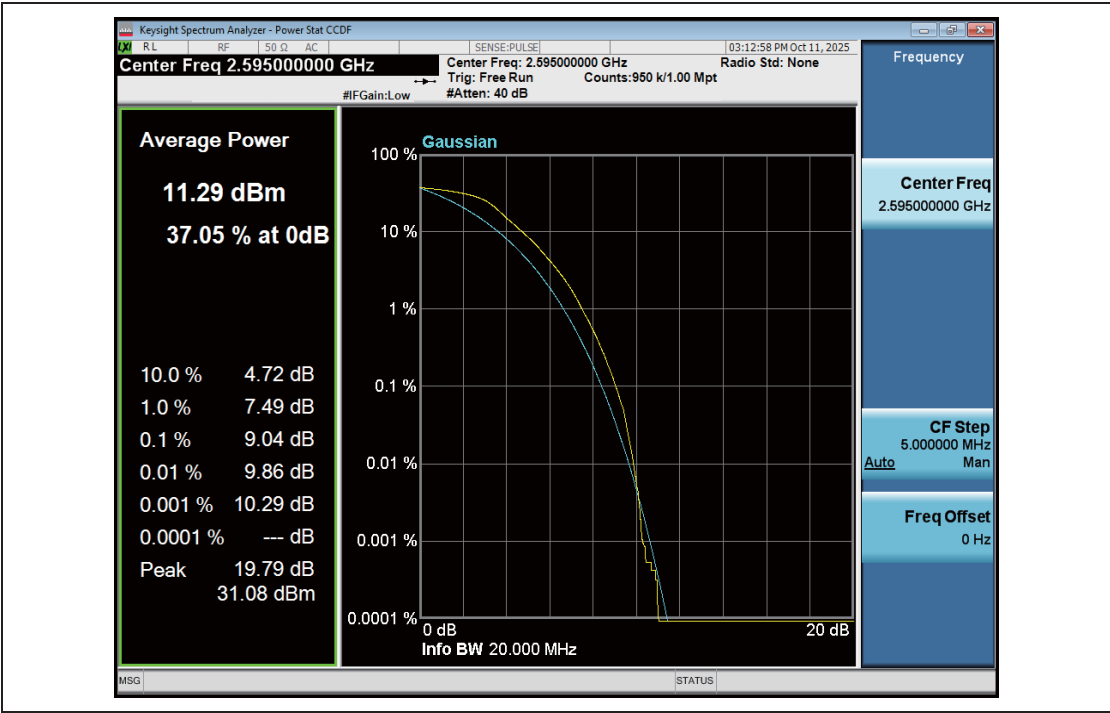
SA_65_NT_NV_0_Band_38_QPSK_20M_CH37850_100_0



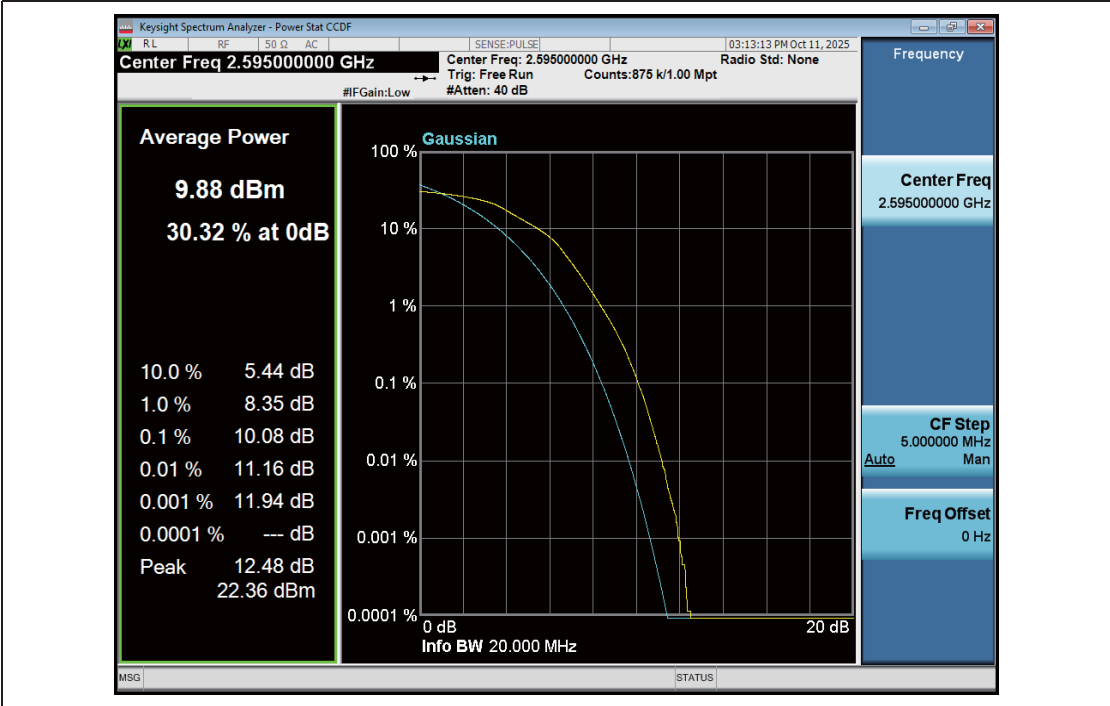
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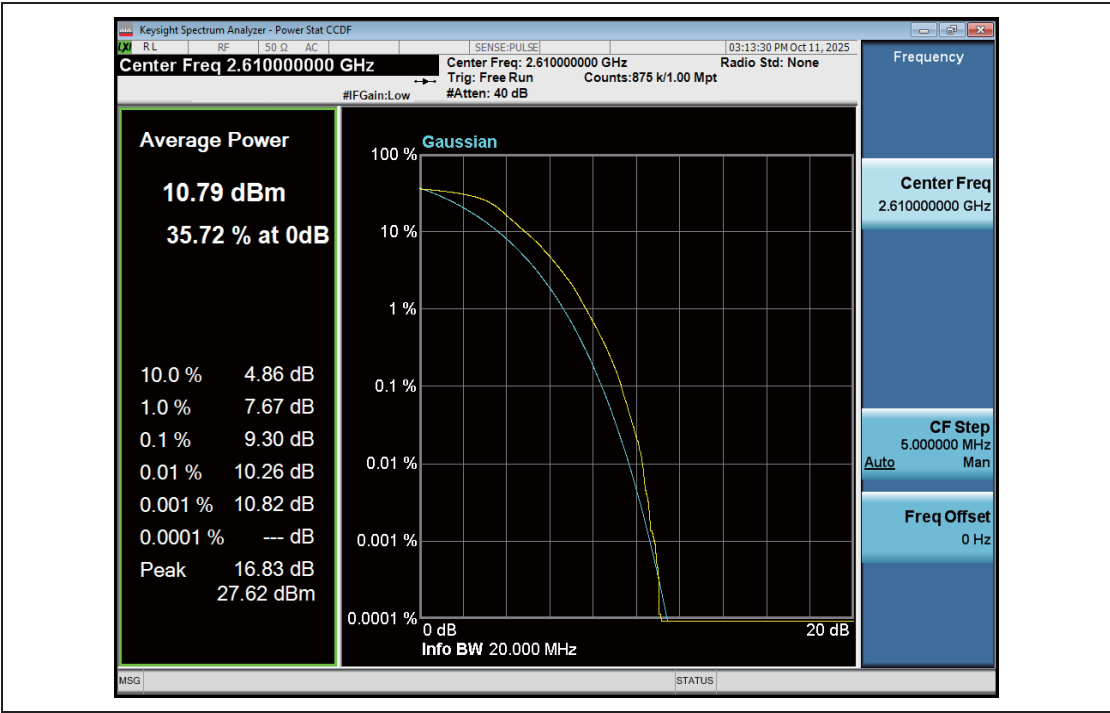
SA_65_NT_NV_0_Band_38_QPSK_20M_CH38000_100_0



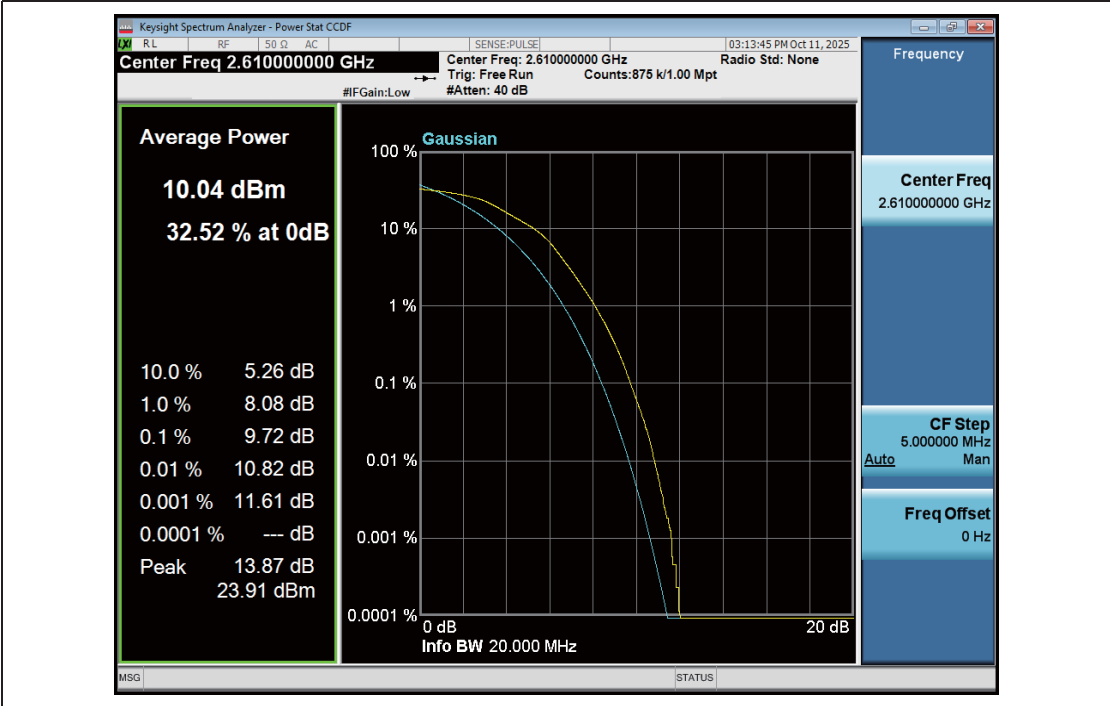
SA_65_NT_NV_0_Band_38_16QAM_20M_CH38000_100_0



SA_65_NT_NV_0_Band_38_QPSK_20M_CH38150_100_0



SA_65_NT_NV_0_Band_38_16QAM_20M_CH38150_100_0

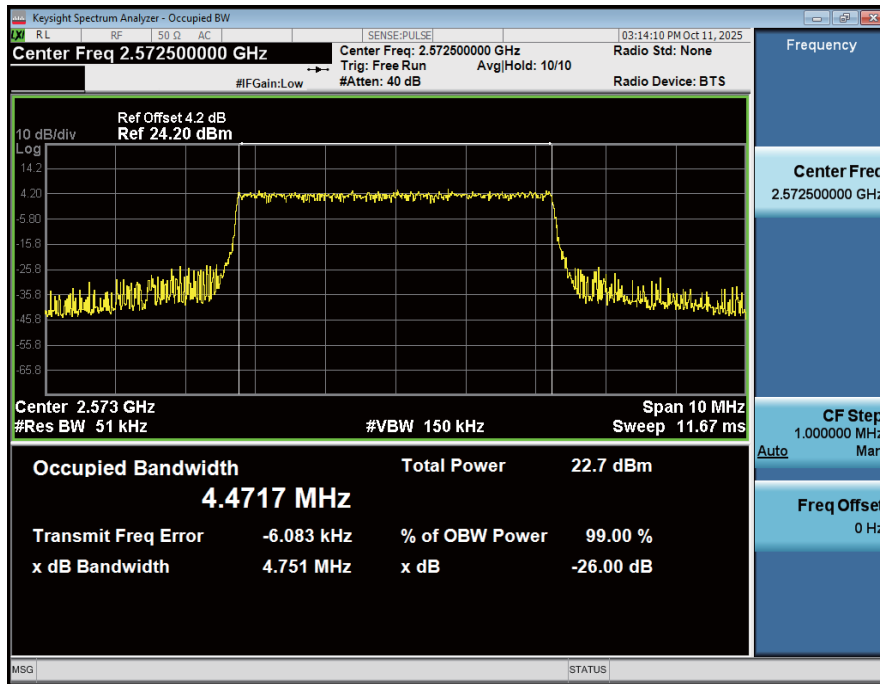


3. 26dB Bandwidth and Occupied Bandwidth

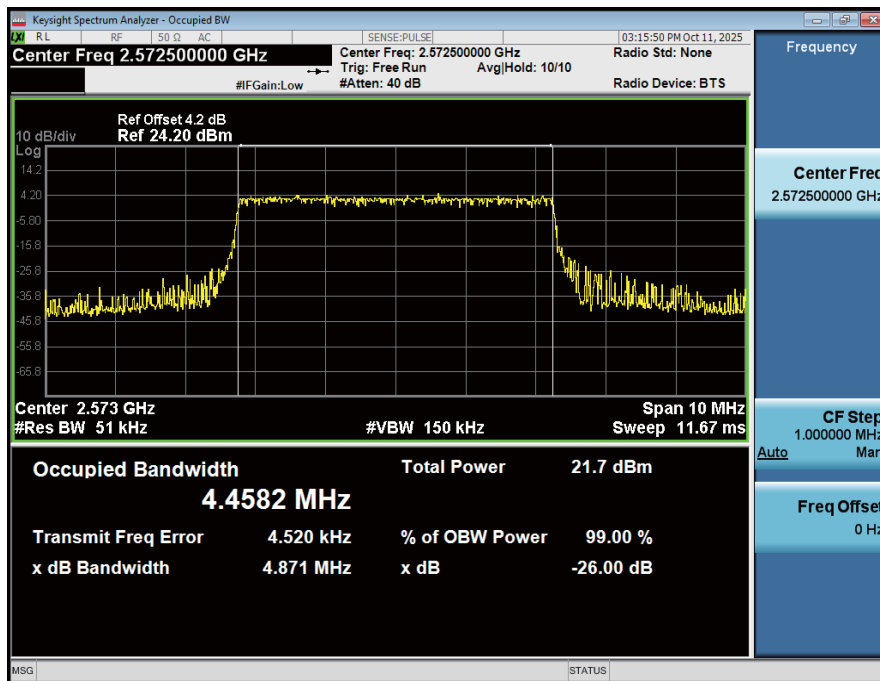
Test Result

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	4.47	4.75
NV_NT	Band 38	16QAM	5M	2572.5	25	0	4.46	4.87
NV_NT	Band 38	QPSK	5M	2595.0	25	0	4.46	4.84
NV_NT	Band 38	16QAM	5M	2595.0	25	0	4.45	4.79
NV_NT	Band 38	QPSK	5M	2617.5	25	0	4.46	4.86
NV_NT	Band 38	16QAM	5M	2617.5	25	0	4.45	4.74
NV_NT	Band 38	QPSK	10M	2575.0	50	0	8.93	9.54
NV_NT	Band 38	16QAM	10M	2575.0	50	0	8.93	9.50
NV_NT	Band 38	QPSK	10M	2595.0	50	0	8.93	9.61
NV_NT	Band 38	16QAM	10M	2595.0	50	0	8.93	9.52
NV_NT	Band 38	QPSK	10M	2615.0	50	0	8.94	9.57
NV_NT	Band 38	16QAM	10M	2615.0	50	0	8.93	9.86
NV_NT	Band 38	QPSK	15M	2577.5	75	0	13.37	14.28
NV_NT	Band 38	16QAM	15M	2577.5	75	0	13.40	14.25
NV_NT	Band 38	QPSK	15M	2595.0	75	0	13.39	14.22
NV_NT	Band 38	16QAM	15M	2595.0	75	0	13.40	14.15
NV_NT	Band 38	QPSK	15M	2612.5	75	0	13.40	14.24
NV_NT	Band 38	16QAM	15M	2612.5	75	0	13.42	14.70
NV_NT	Band 38	QPSK	20M	2580.0	100	0	17.85	18.74
NV_NT	Band 38	16QAM	20M	2580.0	100	0	17.84	18.83
NV_NT	Band 38	QPSK	20M	2595.0	100	0	17.86	19.06
NV_NT	Band 38	16QAM	20M	2595.0	100	0	17.82	18.85
NV_NT	Band 38	QPSK	20M	2610.0	100	0	17.83	18.98
NV_NT	Band 38	16QAM	20M	2610.0	100	0	17.86	18.96

SA_65_NT_NV_0_Band_38_QPSK_5M_CH37775_25_0



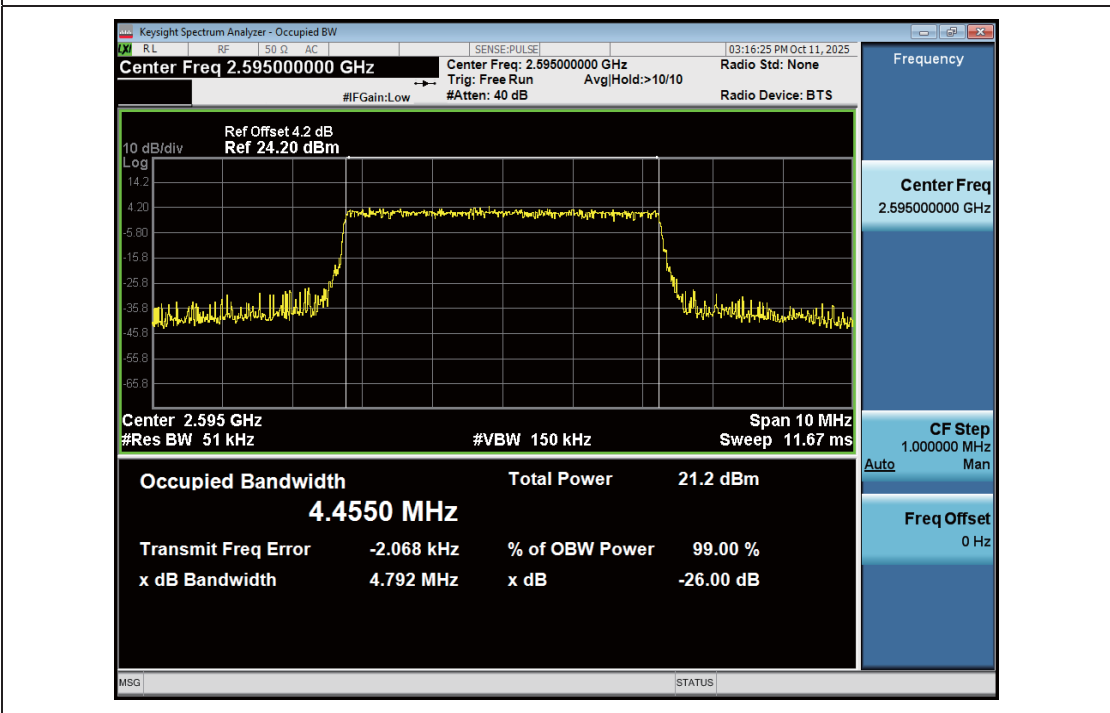
SA_65_NT_NV_0_Band_38_16QAM_5M_CH37775_25_0



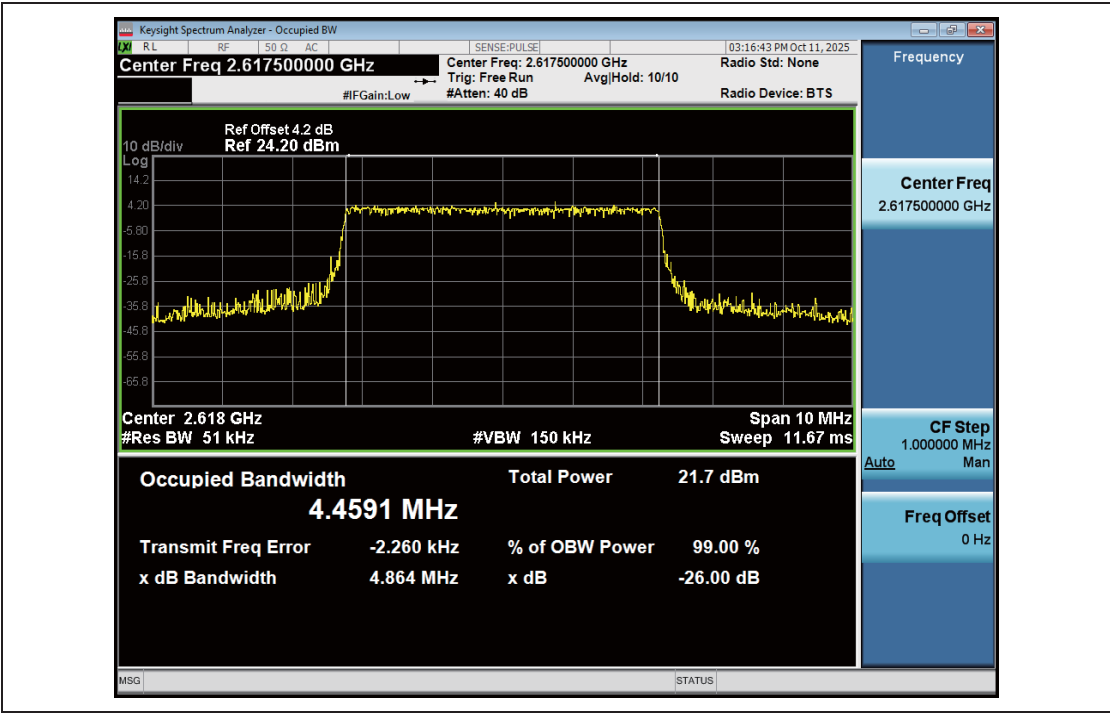
SA_65_NT_NV_0_Band_38_QPSK_5M_CH38000_25_0



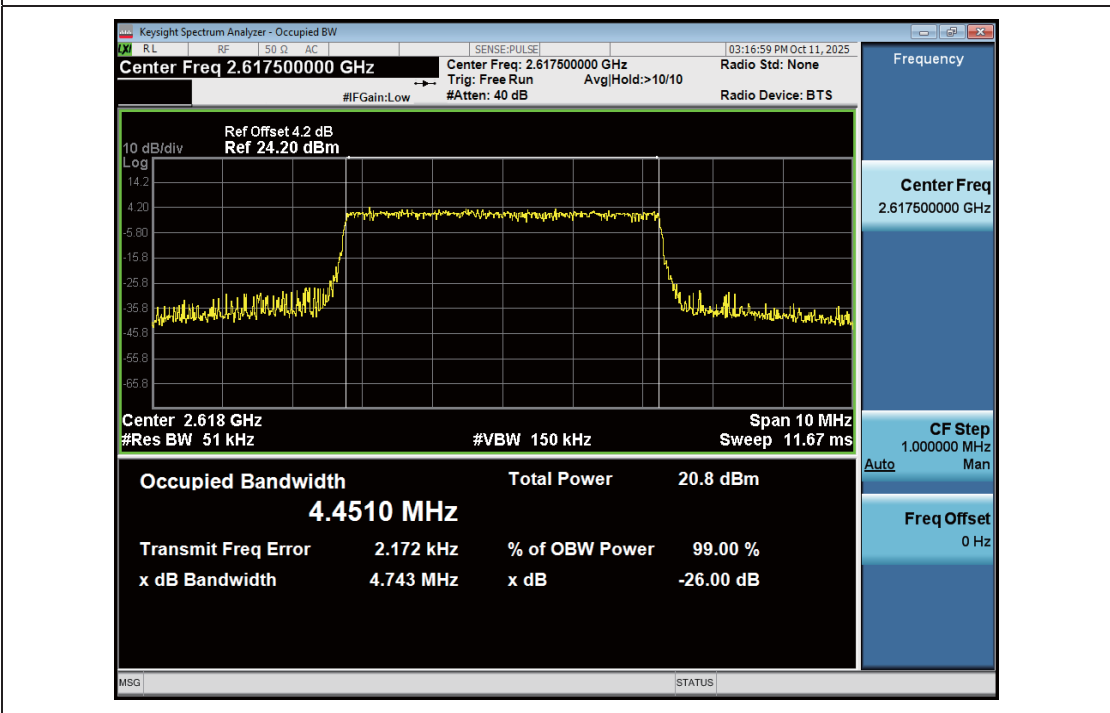
SA_65_NT_NV_0_Band_38_16QAM_5M_CH38000_25_0



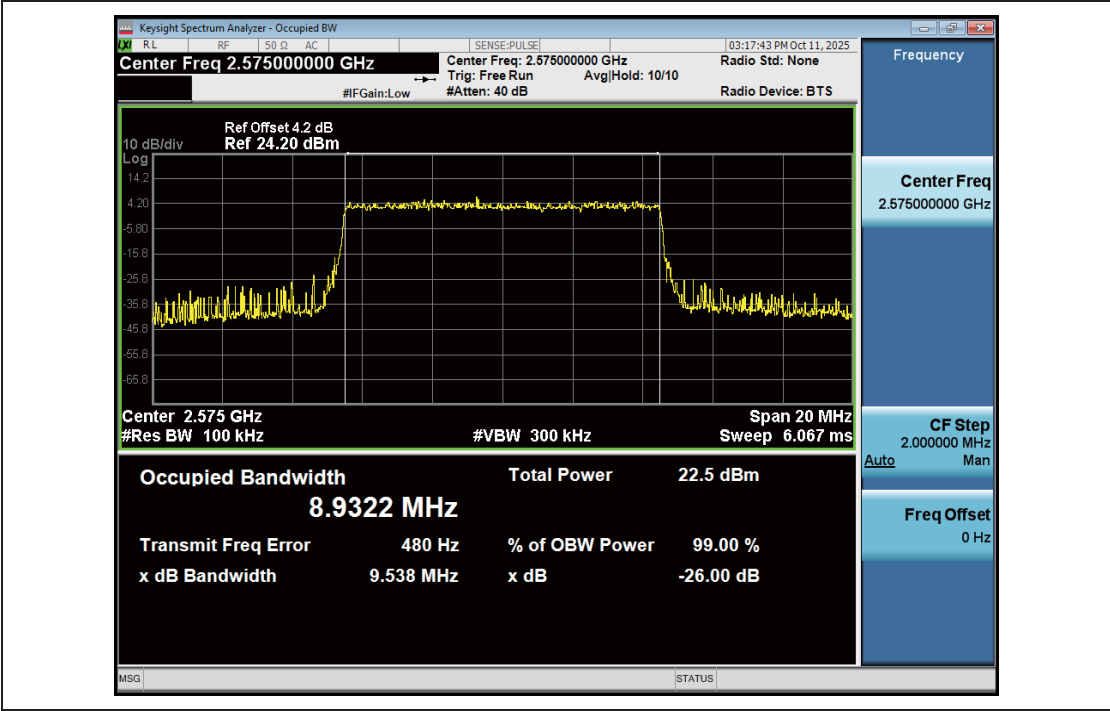
SA_65_NT_NV_0_Band_38_QPSK_5M_CH38225_25_0



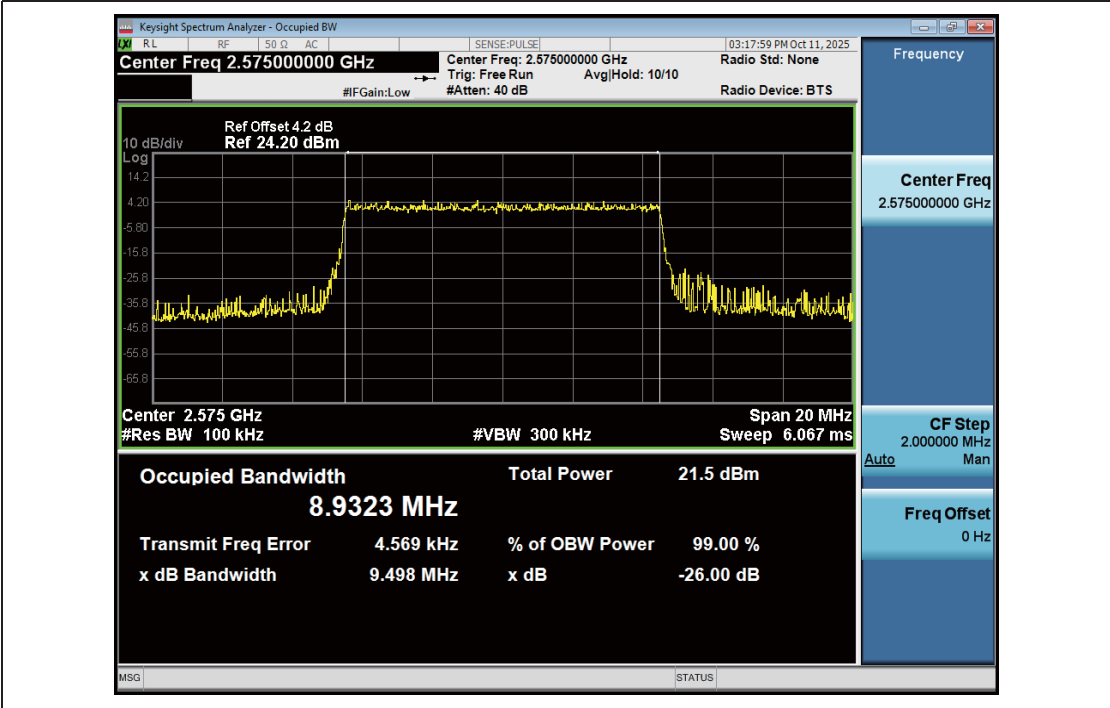
SA_65_NT_NV_0_Band_38_16QAM_5M_CH38225_25_0



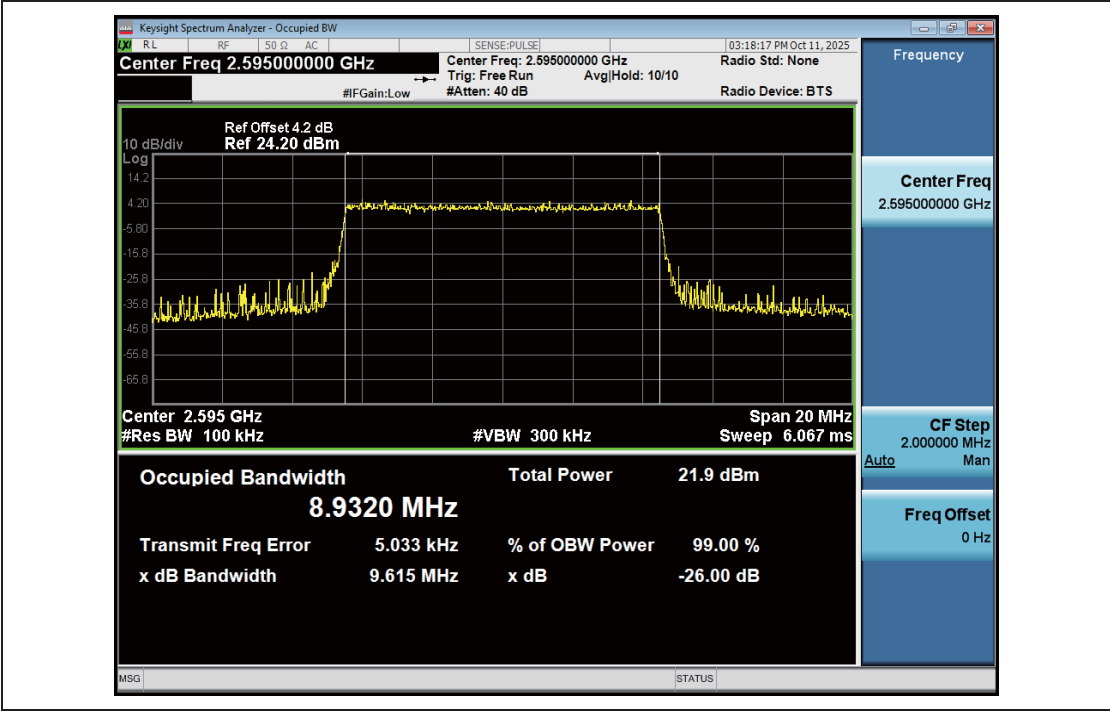
SA_65_NT_NV_0_Band_38_QPSK_10M_CH37800_50_0



SA_65_NT_NV_0_Band_38_16QAM_10M_CH37800_50_0



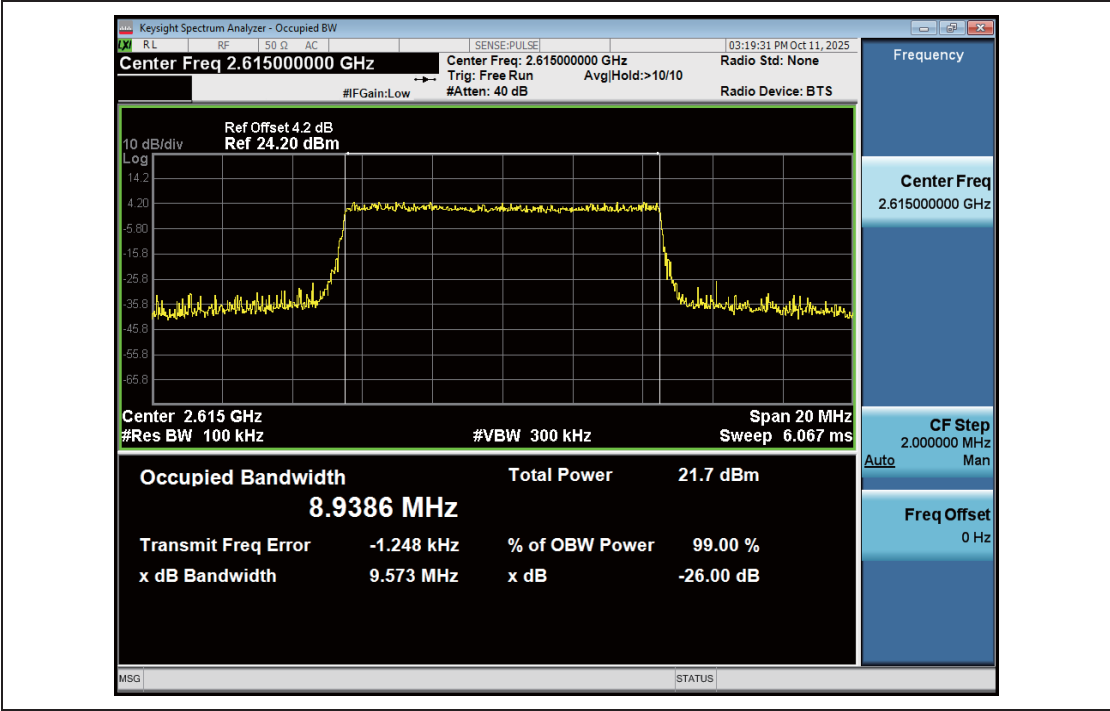
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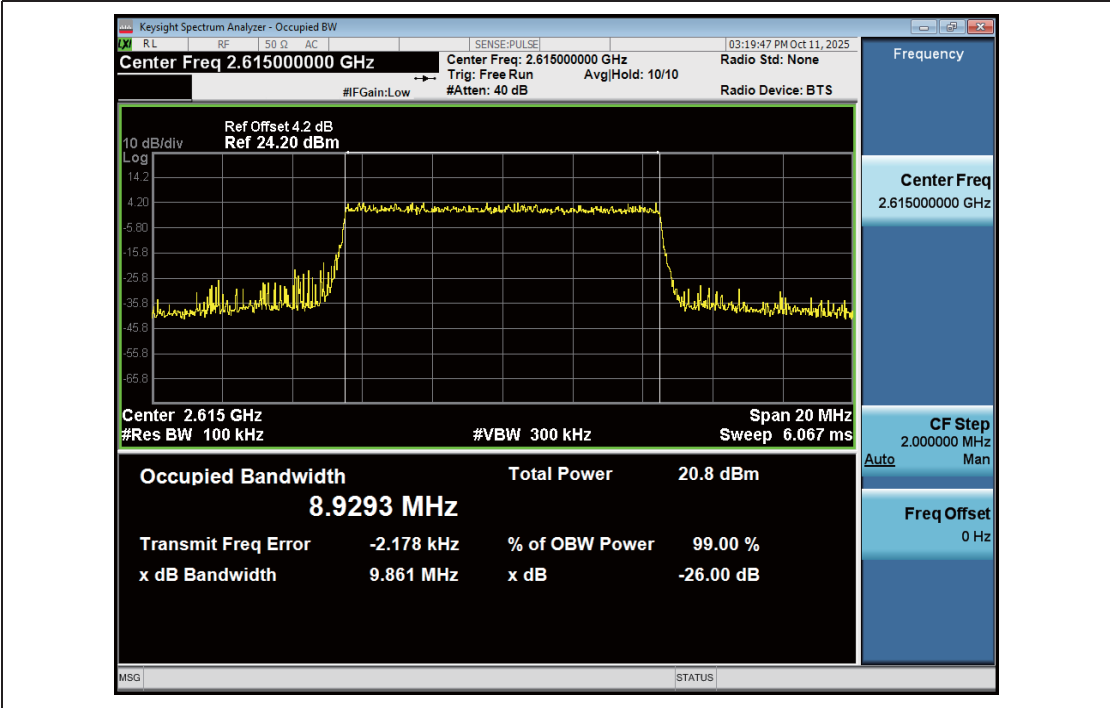
SA_65_NT_NV_0_Band_38_16QAM_10M_CH38000_50_0



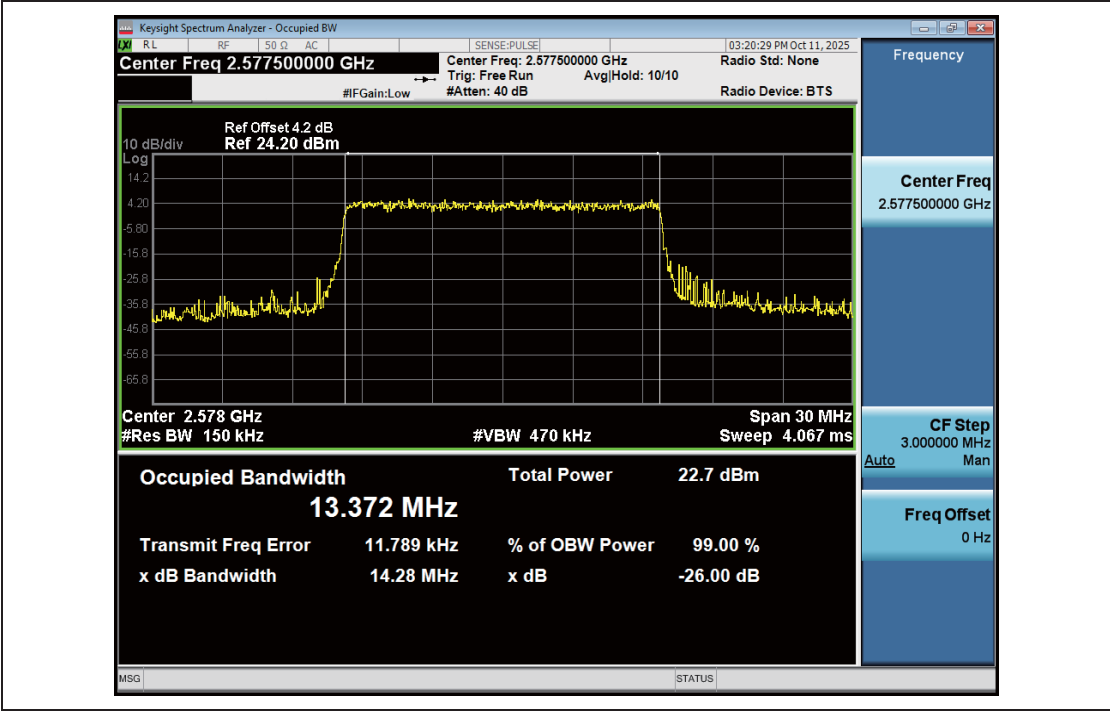
SA_65_NT_NV_0_Band_38_QPSK_10M_CH38200_50_0



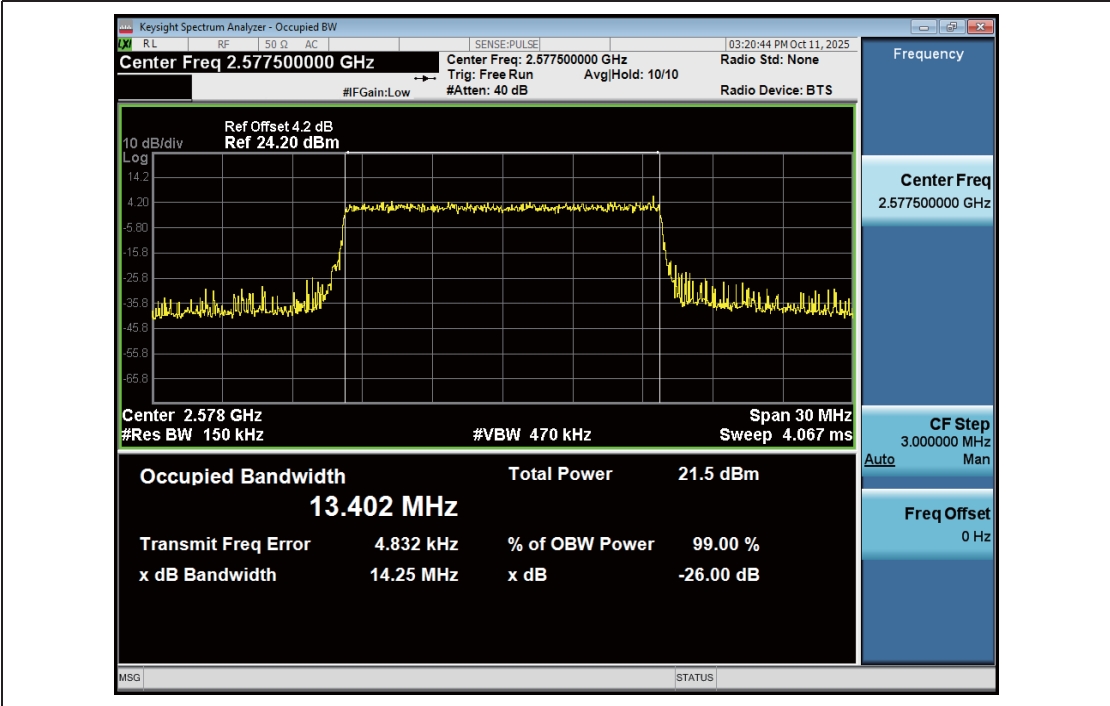
SA_65_NT_NV_0_Band_38_16QAM_10M_CH38200_50_0



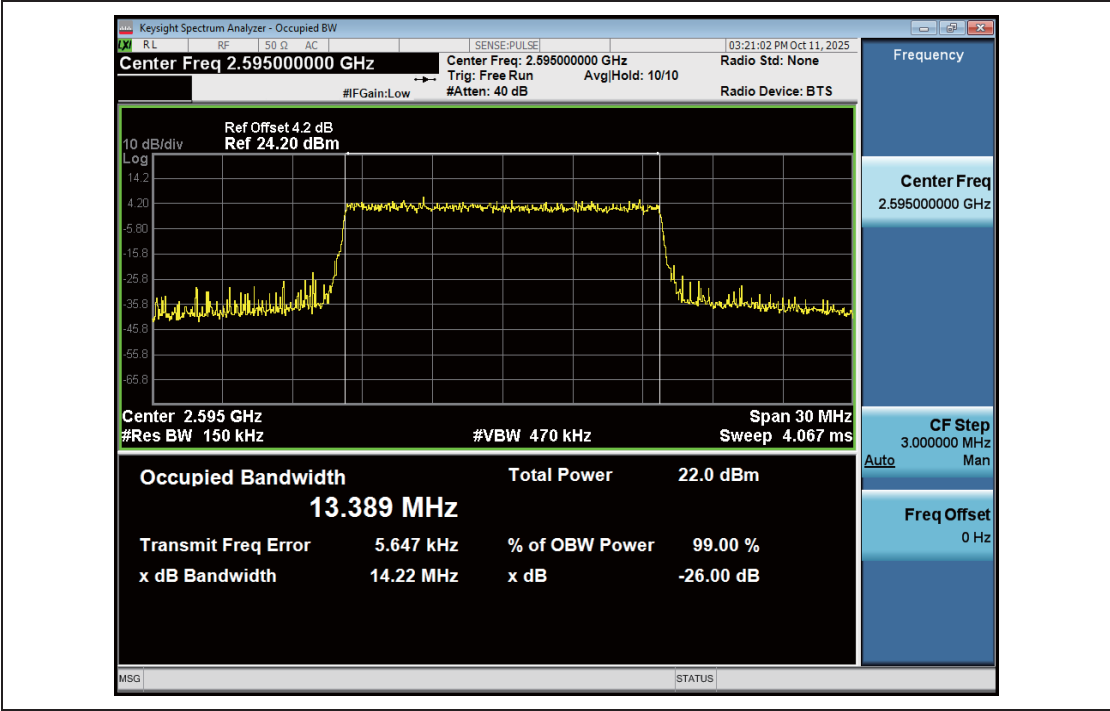
SA_65_NT_NV_0_Band_38_QPSK_15M_CH37825_75_0



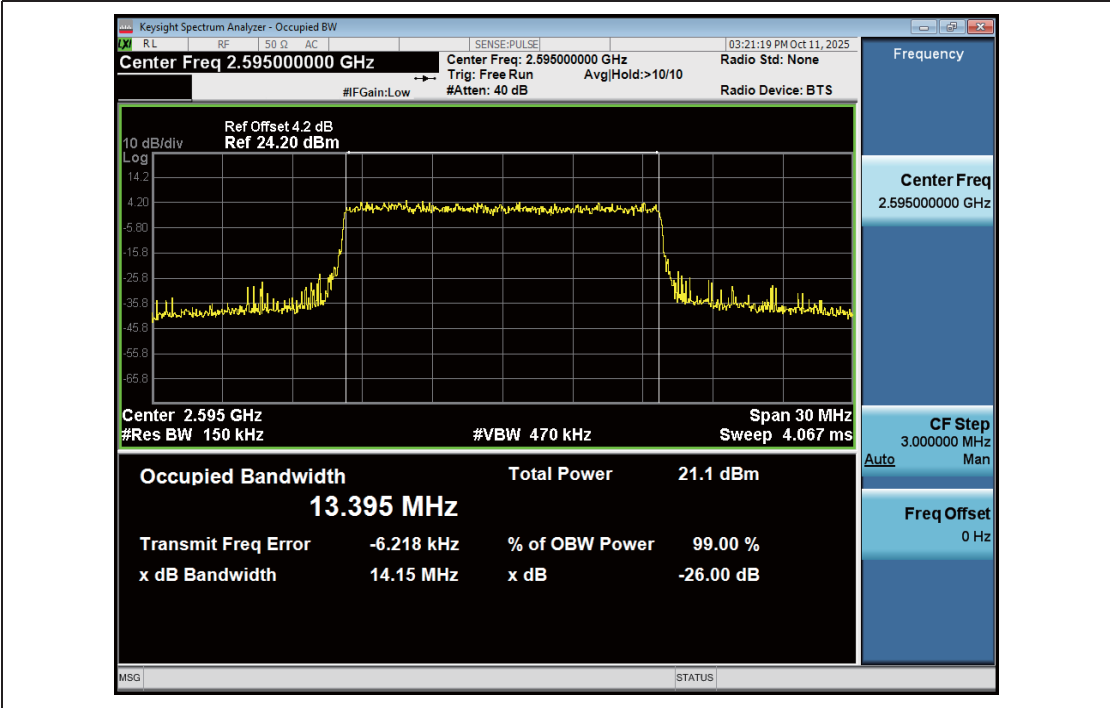
SA_65_NT_NV_0_Band_38_16QAM_15M_CH37825_75_0



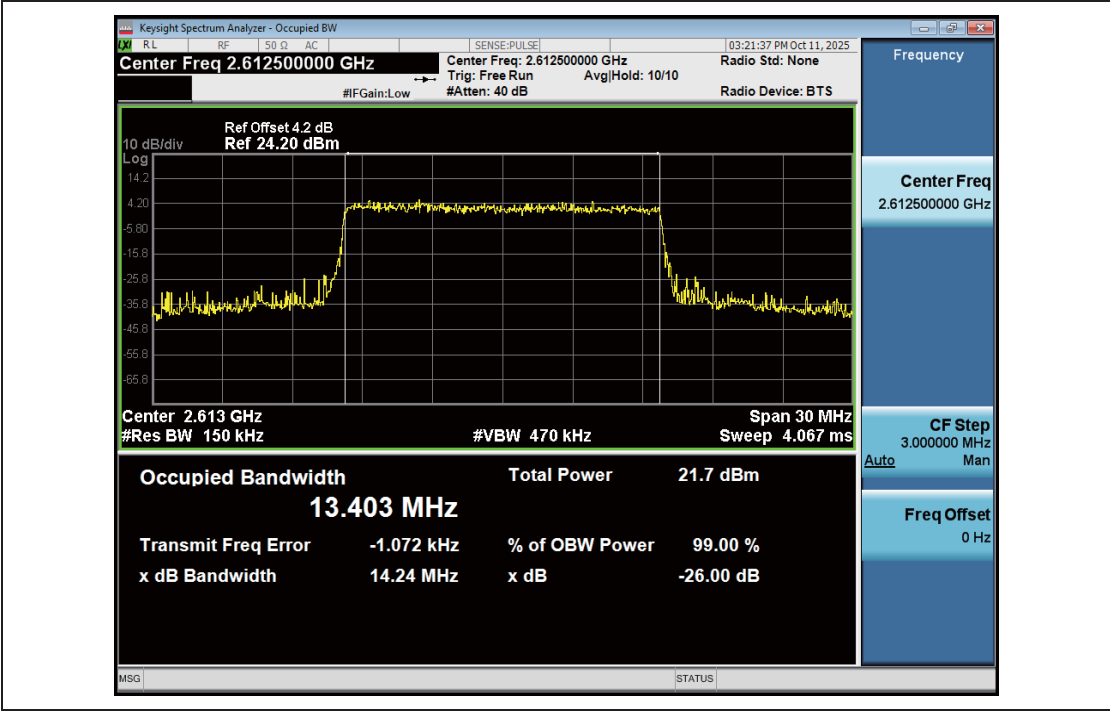
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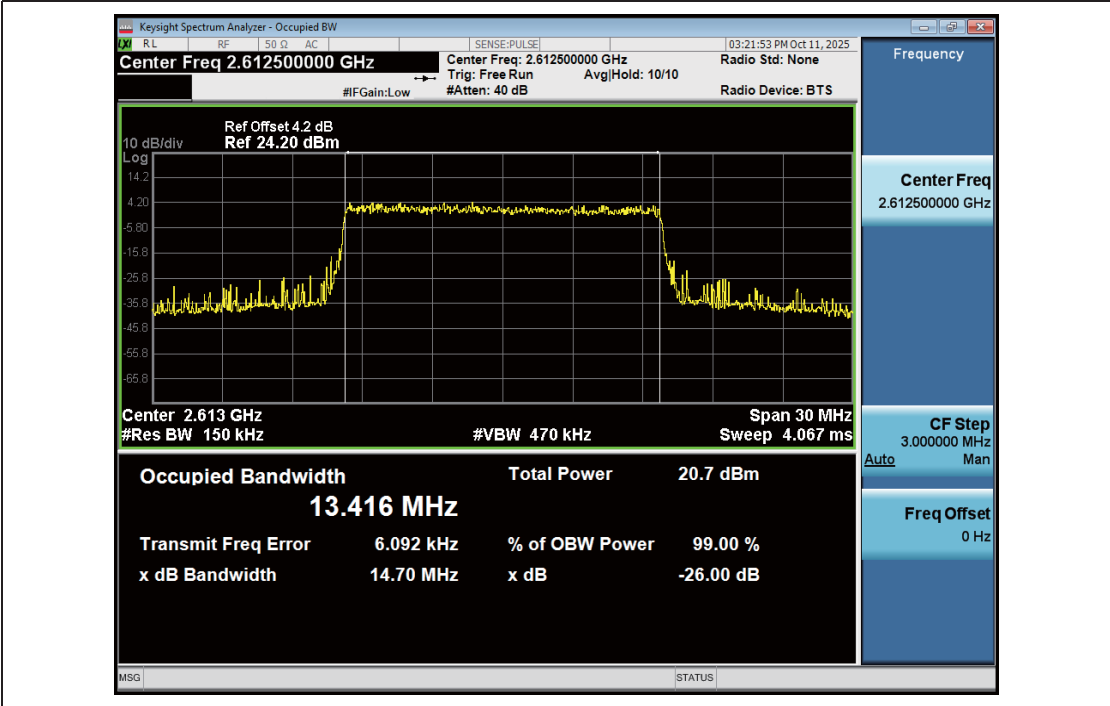
SA_65_NT_NV_0_Band_38_16QAM_15M_CH38000_75_0



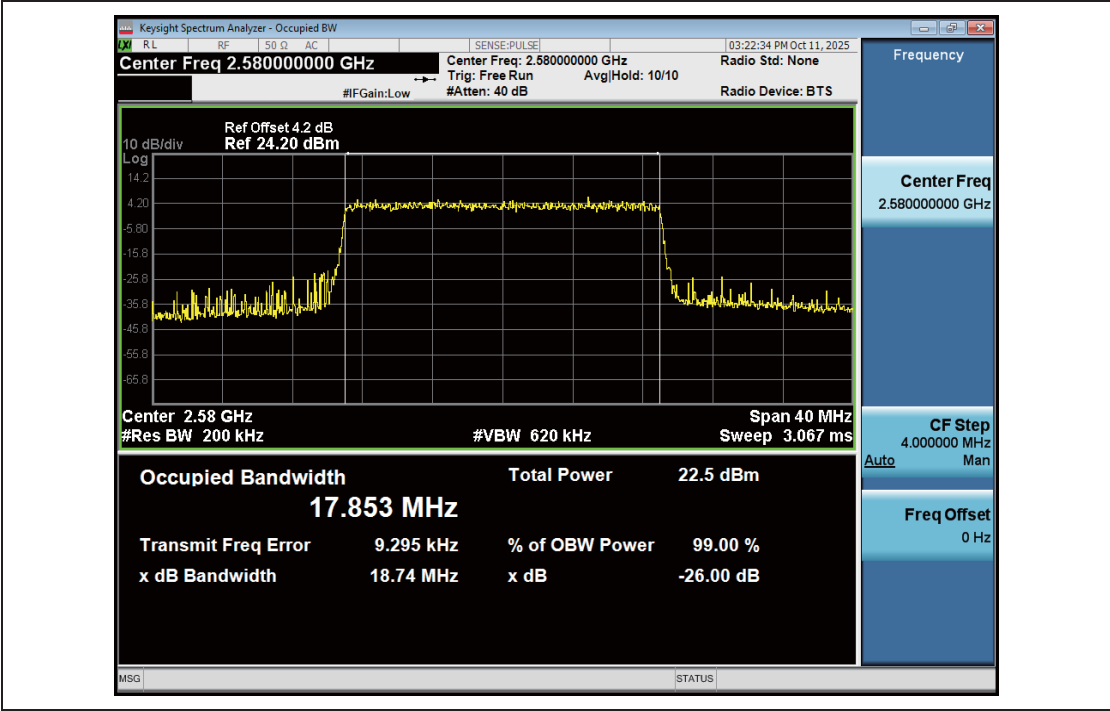
SA_65_NT_NV_0_Band_38_QPSK_15M_CH38175_75_0



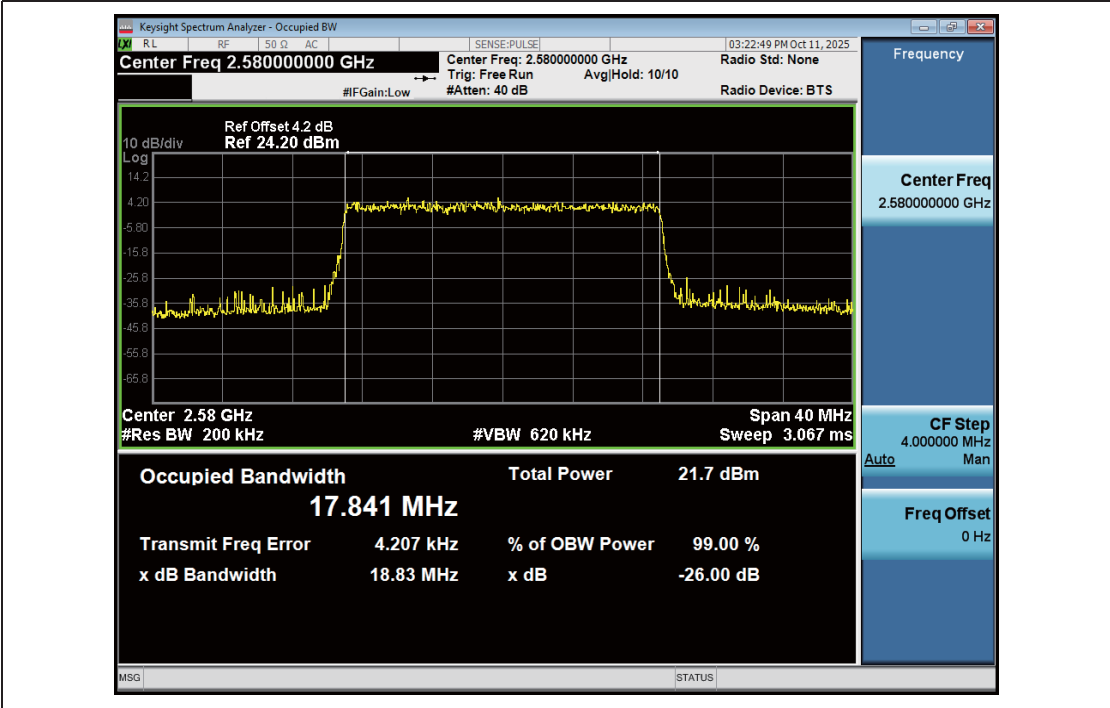
SA_65_NT_NV_0_Band_38_16QAM_15M_CH38175_75_0



SA_65_NT_NV_0_Band_38_QPSK_20M_CH37850_100_0



SA_65_NT_NV_0_Band_38_16QAM_20M_CH37850_100_0



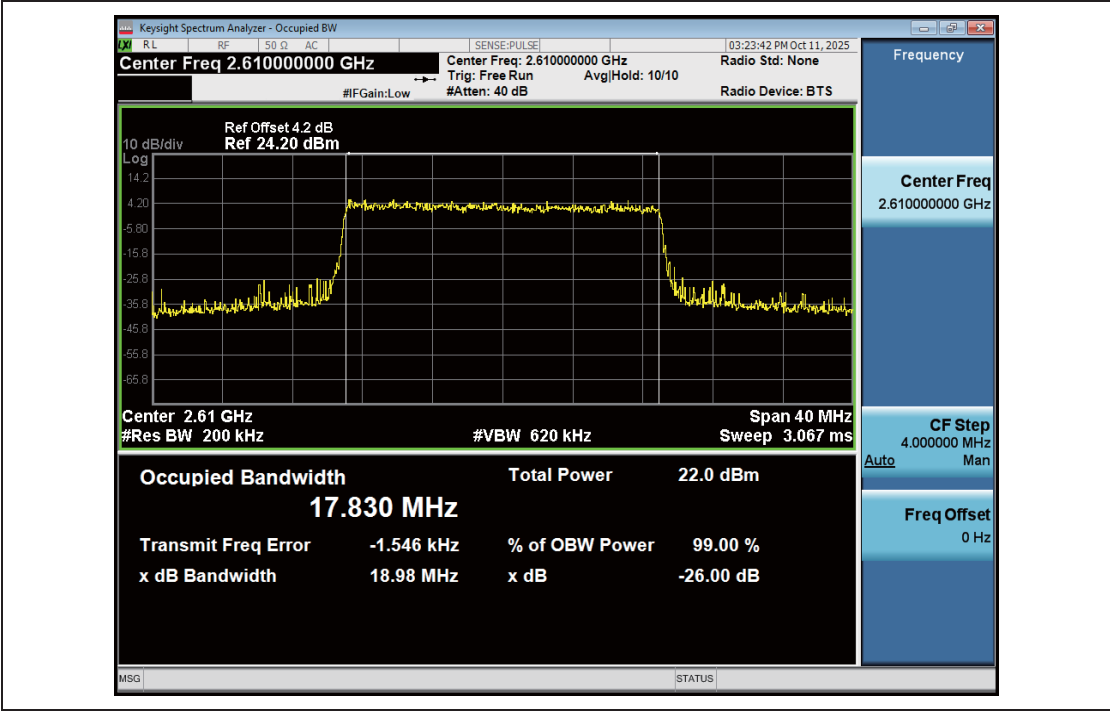
SA_65_NT_NV_0_Band_38_QPSK_20M_CH38000_100_0



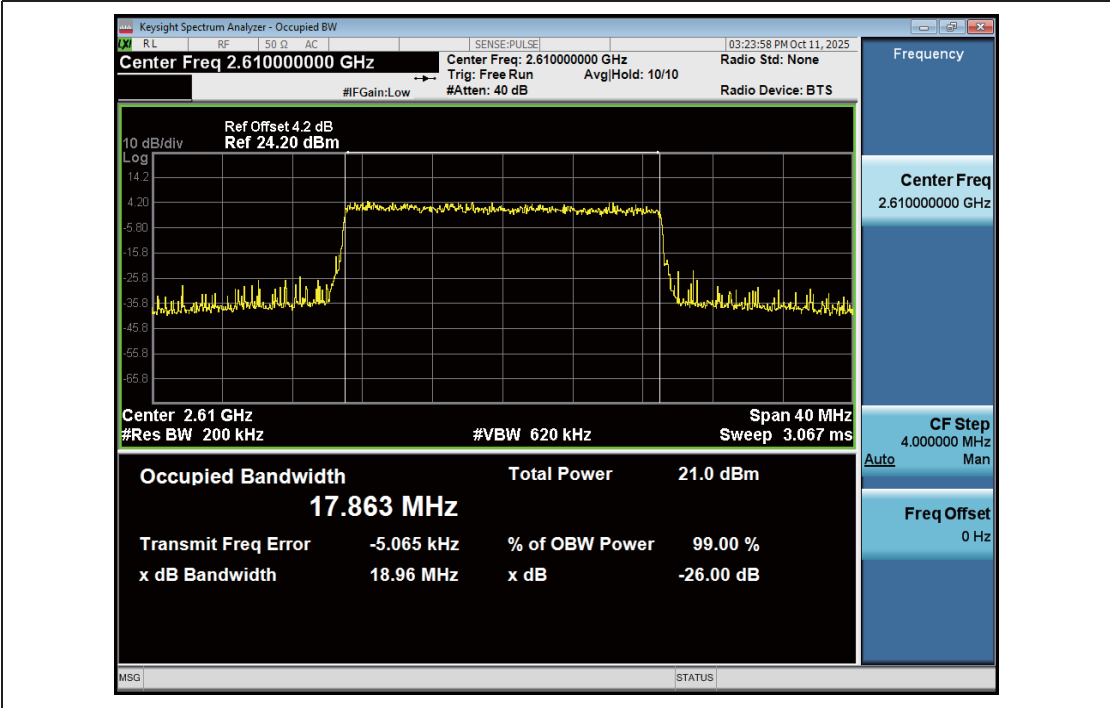
SA_65_NT_NV_0_Band_38_16QAM_20M_CH38000_100_0



SA_65_NT_NV_0_Band_38_QPSK_20M_CH38150_100_0



SA_65_NT_NV_0_Band_38_16QAM_20M_CH38150_100_0



4. Unwanted Spurious Emission&Band Edge

Test Result

Condition	Band	Modulation	BW (MHz)	Frequency (MHz)	RB_Size	RB_start	RBW (kHz)	Test Freq Range (MHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Result
NV_NT	Band 38	QPSK	5M	2572.5	1	0	1000	2545.0~2564.0	2563.956	-38.82	-25	Pass
NV_NT	Band 38	QPSK	5M	2572.5	1	0	1000	2564.0~2565.0	2564.983	-32.26	-13	Pass
NV_NT	Band 38	QPSK	5M	2572.5	1	0	1000	2565.0~2569.0	2568.953	-19.81	-10	Pass
NV_NT	Band 38	QPSK	5M	2572.5	1	0	50.0	2569.0~2570.0	2569.990	-20.17	-10	Pass
NV_NT	Band 38	QPSK	5M	2572.5	25	0	1000	2545.0~2564.0	2563.666	-40.66	-25	Pass
NV_NT	Band 38	QPSK	5M	2572.5	25	0	1000	2564.0~2565.0	2564.833	-31.81	-13	Pass
NV_NT	Band 38	QPSK	5M	2572.5	25	0	1000	2565.0~2569.0	2568.545	-24.70	-10	Pass
NV_NT	Band 38	QPSK	5M	2572.5	25	0	50.0	2569.0~2570.0	2569.998	-31.28	-10	Pass
NV_NT	Band 38	QPSK	5M	2572.5	1	0	1	0.009~0.150	0.098	-51.59	-25	Pass
NV_NT	Band 38	QPSK	5M	2572.5	1	0	10	0.150~30.000	2.004	-31.21	-25	Pass
NV_NT	Band 38	QPSK	5M	2572.5	1	0	100	30.000~1000.000	39.571	-57.08	-25	Pass
NV_NT	Band 38	QPSK	5M	2572.5	1	0	1000	1000.000~2545.000	2414.396	-47.52	-25	Pass
NV_NT	Band 38	QPSK	5M	2572.5	1	0	1000	2640.000~26500.000	24364.530	-41.91	-25	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	1000	2545.0~2564.0	2563.964	-41.12	-25	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	1000	2564.0~2565.0	2564.979	-34.66	-13	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	1000	2565.0~2569.0	2568.982	-22.54	-10	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	50.0	2569.0~2570.0	2569.943	-20.51	-10	Pass
NV_NT	Band 38	16QAM	5M	2572.5	25	0	1000	2545.0~2564.0	2563.702	-40.66	-25	Pass
NV_NT	Band 38	16QAM	5M	2572.5	25	0	1000	2564.0~2565.0	2564.895	-33.92	-13	Pass

NV_NT	Band 38	16QAM	5M	2572.5	25	0	1000	2565.0~2569.0	2568.765	-26.19	-10	Pass
NV_NT	Band 38	16QAM	5M	2572.5	25	0	50.0	2569.0~2570.0	2569.883	-28.87	-10	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	1	0.009~0.150	0.098	-51.89	-25	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	10	0.150~30.000	1.985	-30.89	-25	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	100	30.000~1000.000	38.439	-56.25	-25	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	1000	1000.000~2545.000	2417.847	-50.92	-25	Pass
NV_NT	Band 38	16QAM	5M	2572.5	1	0	1000	2640.000~26500.000	24417.817	-42.14	-25	Pass
NV_NT	Band 38	QPSK	5M	2595.0	25	0	1	0.009~0.150	0.009	-51.91	-25	Pass
NV_NT	Band 38	QPSK	5M	2595.0	25	0	10	0.150~30.000	2.000	-30.53	-25	Pass
NV_NT	Band 38	QPSK	5M	2595.0	25	0	100	30.000~1000.000	38.698	-57.42	-25	Pass
NV_NT	Band 38	QPSK	5M	2595.0	25	0	1000	1000.000~2545.000	2413.778	-48.46	-25	Pass
NV_NT	Band 38	QPSK	5M	2595.0	25	0	1000	2630.000~26500.000	24393.075	-41.77	-25	Pass
NV_NT	Band 38	16QAM	5M	2595.0	25	0	1	0.009~0.150	0.098	-52.66	-25	Pass
NV_NT	Band 38	16QAM	5M	2595.0	25	0	10	0.150~30.000	2.018	-31.51	-25	Pass
NV_NT	Band 38	16QAM	5M	2595.0	25	0	100	30.000~1000.000	38.245	-57.27	-25	Pass
NV_NT	Band 38	16QAM	5M	2595.0	25	0	1000	1000.000~2545.000	1762.561	-40.37	-25	Pass
NV_NT	Band 38	16QAM	5M	2595.0	25	0	1000	2630.000~26500.000	24384.322	-41.74	-25	Pass
NV_NT	Band 38	QPSK	5M	2617.5	1	24	50.0	2620.0~2621.0	2620.000	-22.55	-10	Pass
NV_NT	Band 38	QPSK	5M	2617.5	1	24	1000	2621.0~2625.0	2621.005	-23.10	-10	Pass
NV_NT	Band 38	QPSK	5M	2617.5	1	24	1000	2625.0~2626.0	2625.018	-36.11	-13	Pass
NV_NT	Band 38	QPSK	5M	2617.5	1	24	1000	2626.0~2630.0	2626.081	-42.87	-25	Pass
NV_NT	Band 38	QPSK	5M	2617.5	25	0	50.0	2620.0~2621.0	2620.026	-33.93	-10	Pass

NV_NT	Band 38	QPSK	5M	2617.5	25	0	1000	2621.0~2625.0	2621.265	-27.28	-10	Pass
NV_NT	Band 38	QPSK	5M	2617.5	25	0	1000	2625.0~2626.0	2625.048	-37.83	-13	Pass
NV_NT	Band 38	QPSK	5M	2617.5	25	0	1000	2626.0~2630.0	2627.219	-42.82	-25	Pass
NV_NT	Band 38	QPSK	5M	2617.5	1	24	1	0.009~0.150	0.099	-51.74	-25	Pass
NV_NT	Band 38	QPSK	5M	2617.5	1	24	10	0.150~30.000	1.984	-31.36	-25	Pass
NV_NT	Band 38	QPSK	5M	2617.5	1	24	100	30.000~1000.000	39.150	-56.42	-25	Pass
NV_NT	Band 38	QPSK	5M	2617.5	1	24	1000	1000.000~2545.000	2413.211	-49.44	-25	Pass
NV_NT	Band 38	QPSK	5M	2617.5	1	24	1000	2640.000~26500.000	24293.745	-41.70	-25	Pass
NV_NT	Band 38	16QAM	5M	2617.5	1	24	50.0	2620.0~2621.0	2620.004	-21.45	-10	Pass
NV_NT	Band 38	16QAM	5M	2617.5	1	24	1000	2621.0~2625.0	2621.001	-21.08	-10	Pass
NV_NT	Band 38	16QAM	5M	2617.5	1	24	1000	2625.0~2626.0	2625.001	-34.55	-13	Pass
NV_NT	Band 38	16QAM	5M	2617.5	1	24	1000	2626.0~2630.0	2626.010	-41.04	-25	Pass
NV_NT	Band 38	16QAM	5M	2617.5	25	0	50.0	2620.0~2621.0	2620.025	-33.84	-10	Pass
NV_NT	Band 38	16QAM	5M	2617.5	25	0	1000	2621.0~2625.0	2621.041	-26.92	-10	Pass
NV_NT	Band 38	16QAM	5M	2617.5	25	0	1000	2625.0~2626.0	2625.087	-36.05	-13	Pass
NV_NT	Band 38	16QAM	5M	2617.5	25	0	1000	2626.0~2630.0	2626.042	-42.08	-25	Pass
NV_NT	Band 38	16QAM	5M	2617.5	1	24	1	0.009~0.150	0.098	-51.36	-25	Pass
NV_NT	Band 38	16QAM	5M	2617.5	1	24	10	0.150~30.000	2.124	-31.12	-25	Pass
NV_NT	Band 38	16QAM	5M	2617.5	1	24	100	30.000~1000.000	32.005	-57.15	-25	Pass
NV_NT	Band 38	16QAM	5M	2617.5	1	24	1000	1000.000~2545.000	2416.044	-47.03	-25	Pass
NV_NT	Band 38	16QAM	5M	2617.5	1	24	1000	2640.000~26500.000	24378.051	-41.72	-25	Pass
NV_NT	Band 38	QPSK	10M	2575.0	1	0	1000	2545.0~2560.0	2559.986	-47.15	-25	Pass

NV_NT	Band 38	QPSK	10M	2575.0	1	0	1000	2560.0~2565.0	2564.693	-30.90	-13	Pass
NV_NT	Band 38	QPSK	10M	2575.0	1	0	1000	2565.0~2569.0	2568.980	-20.52	-10	Pass
NV_NT	Band 38	QPSK	10M	2575.0	1	0	100.0	2569.0~2570.0	2569.988	-19.08	-10	Pass
NV_NT	Band 38	QPSK	10M	2575.0	50	0	1000	2545.0~2560.0	2559.030	-42.13	-25	Pass
NV_NT	Band 38	QPSK	10M	2575.0	50	0	1000	2560.0~2565.0	2564.383	-33.05	-13	Pass
NV_NT	Band 38	QPSK	10M	2575.0	50	0	1000	2565.0~2569.0	2568.998	-27.63	-10	Pass
NV_NT	Band 38	QPSK	10M	2575.0	50	0	100.0	2569.0~2570.0	2569.865	-33.30	-10	Pass
NV_NT	Band 38	QPSK	10M	2575.0	1	0	1	0.009~0.150	0.098	-51.65	-25	Pass
NV_NT	Band 38	QPSK	10M	2575.0	1	0	10	0.150~30.000	1.993	-30.12	-25	Pass
NV_NT	Band 38	QPSK	10M	2575.0	1	0	100	30.000~1000.000	31.972	-57.43	-25	Pass
NV_NT	Band 38	QPSK	10M	2575.0	1	0	1000	1000.000~2545.000	2416.765	-51.04	-25	Pass
NV_NT	Band 38	QPSK	10M	2575.0	1	0	1000	2660.000~26500.000	5241.872	-38.98	-25	Pass
NV_NT	Band 38	16QAM	10M	2575.0	1	0	1000	2545.0~2560.0	2559.887	-47.65	-25	Pass
NV_NT	Band 38	16QAM	10M	2575.0	1	0	1000	2560.0~2565.0	2564.963	-34.59	-13	Pass
NV_NT	Band 38	16QAM	10M	2575.0	1	0	1000	2565.0~2569.0	2568.821	-23.98	-10	Pass
NV_NT	Band 38	16QAM	10M	2575.0	1	0	100.0	2569.0~2570.0	2569.997	-24.30	-10	Pass
NV_NT	Band 38	16QAM	10M	2575.0	50	0	1000	2545.0~2560.0	2559.926	-42.35	-25	Pass
NV_NT	Band 38	16QAM	10M	2575.0	50	0	1000	2560.0~2565.0	2564.946	-33.23	-13	Pass
NV_NT	Band 38	16QAM	10M	2575.0	50	0	1000	2565.0~2569.0	2568.794	-28.59	-10	Pass
NV_NT	Band 38	16QAM	10M	2575.0	50	0	100.0	2569.0~2570.0	2569.990	-33.23	-10	Pass
NV_NT	Band 38	16QAM	10M	2575.0	1	0	1	0.009~0.150	0.098	-51.86	-25	Pass
NV_NT	Band 38	16QAM	10M	2575.0	1	0	10	0.150~30.000	2.009	-31.18	-25	Pass

NV_NT	Band 38	16QAM	10M	2575.0	1	0	100	30.000~1000.000	32.005	-56.43	-25	Pass
NV_NT	Band 38	16QAM	10M	2575.0	1	0	1000	1000.000~2545.000	2415.632	-50.35	-25	Pass
NV_NT	Band 38	16QAM	10M	2575.0	1	0	1000	2660.000~26500.000	24405.259	-41.61	-25	Pass
NV_NT	Band 38	QPSK	10M	2595.0	50	0	1	0.009~0.150	0.098	-52.12	-25	Pass
NV_NT	Band 38	QPSK	10M	2595.0	50	0	10	0.150~30.000	2.108	-30.79	-25	Pass
NV_NT	Band 38	QPSK	10M	2595.0	50	0	100	30.000~1000.000	418.517	-54.95	-25	Pass
NV_NT	Band 38	QPSK	10M	2595.0	50	0	1000	1000.000~2545.000	2409.349	-50.54	-25	Pass
NV_NT	Band 38	QPSK	10M	2595.0	50	0	1000	2640.000~26500.000	24402.706	-41.35	-25	Pass
NV_NT	Band 38	16QAM	10M	2595.0	50	0	1	0.009~0.150	0.099	-52.29	-25	Pass
NV_NT	Band 38	16QAM	10M	2595.0	50	0	10	0.150~30.000	2.000	-29.12	-25	Pass
NV_NT	Band 38	16QAM	10M	2595.0	50	0	100	30.000~1000.000	39.603	-57.01	-25	Pass
NV_NT	Band 38	16QAM	10M	2595.0	50	0	1000	1000.000~2545.000	2420.731	-51.63	-25	Pass
NV_NT	Band 38	16QAM	10M	2595.0	50	0	1000	2640.000~26500.000	24394.753	-41.53	-25	Pass
NV_NT	Band 38	QPSK	10M	2615.0	1	49	100.0	2620.0~2621.0	2620.003	-23.01	-10	Pass
NV_NT	Band 38	QPSK	10M	2615.0	1	49	1000	2621.0~2625.0	2621.011	-21.75	-10	Pass
NV_NT	Band 38	QPSK	10M	2615.0	1	49	1000	2625.0~2630.0	2625.008	-32.27	-13	Pass
NV_NT	Band 38	QPSK	10M	2615.0	1	49	1000	2630.0~2640.0	2630.025	-45.11	-25	Pass
NV_NT	Band 38	QPSK	10M	2615.0	50	0	100.0	2620.0~2621.0	2620.001	-31.34	-10	Pass
NV_NT	Band 38	QPSK	10M	2615.0	50	0	1000	2621.0~2625.0	2621.202	-26.26	-10	Pass
NV_NT	Band 38	QPSK	10M	2615.0	50	0	1000	2625.0~2630.0	2625.094	-32.48	-13	Pass
NV_NT	Band 38	QPSK	10M	2615.0	50	0	1000	2630.0~2640.0	2630.199	-44.72	-25	Pass
NV_NT	Band 38	QPSK	10M	2615.0	1	49	1	0.009~0.150	0.098	-51.87	-25	Pass

NV_NT	Band 38	QPSK	10M	2615.0	1	49	10	0.150~30.000	2.020	-29.39	-25	Pass
NV_NT	Band 38	QPSK	10M	2615.0	1	49	100	30.000~1000.000	39.668	-55.44	-25	Pass
NV_NT	Band 38	QPSK	10M	2615.0	1	49	1000	1000.000~2545.000	2538.923	-49.74	-25	Pass
NV_NT	Band 38	QPSK	10M	2615.0	1	49	1000	2660.000~26500.000	24381.419	-41.83	-25	Pass
NV_NT	Band 38	16QAM	10M	2615.0	1	49	100.0	2620.0~2621.0	2620.001	-23.88	-10	Pass
NV_NT	Band 38	16QAM	10M	2615.0	1	49	1000	2621.0~2625.0	2621.008	-22.65	-10	Pass
NV_NT	Band 38	16QAM	10M	2615.0	1	49	1000	2625.0~2630.0	2625.095	-32.93	-13	Pass
NV_NT	Band 38	16QAM	10M	2615.0	1	49	1000	2630.0~2640.0	2630.073	-46.40	-25	Pass
NV_NT	Band 38	16QAM	10M	2615.0	50	0	100.0	2620.0~2621.0	2620.127	-33.65	-10	Pass
NV_NT	Band 38	16QAM	10M	2615.0	50	0	1000	2621.0~2625.0	2621.539	-27.95	-10	Pass
NV_NT	Band 38	16QAM	10M	2615.0	50	0	1000	2625.0~2630.0	2625.837	-34.05	-13	Pass
NV_NT	Band 38	16QAM	10M	2615.0	50	0	1000	2630.0~2640.0	2630.223	-45.56	-25	Pass
NV_NT	Band 38	16QAM	10M	2615.0	1	49	1	0.009~0.150	0.098	-51.63	-25	Pass
NV_NT	Band 38	16QAM	10M	2615.0	1	49	10	0.150~30.000	1.986	-28.93	-25	Pass
NV_NT	Band 38	16QAM	10M	2615.0	1	49	100	30.000~1000.000	40.185	-55.68	-25	Pass
NV_NT	Band 38	16QAM	10M	2615.0	1	49	1000	1000.000~2545.000	2415.890	-50.91	-25	Pass
NV_NT	Band 38	16QAM	10M	2615.0	1	49	1000	2660.000~26500.000	24375.061	-41.03	-25	Pass
NV_NT	Band 38	QPSK	15M	2577.5	1	0	1000	2545.0~2555.0	2554.979	-43.66	-25	Pass
NV_NT	Band 38	QPSK	15M	2577.5	1	0	1000	2555.0~2565.0	2564.274	-30.72	-13	Pass
NV_NT	Band 38	QPSK	15M	2577.5	1	0	1000	2565.0~2569.0	2568.991	-26.65	-10	Pass
NV_NT	Band 38	QPSK	15M	2577.5	1	0	150.0	2569.0~2570.0	2569.996	-23.53	-10	Pass
NV_NT	Band 38	QPSK	15M	2577.5	75	0	1000	2545.0~2555.0	2553.619	-39.84	-25	Pass

NV_NT	Band 38	QPSK	15M	2577.5	75	0	1000	2555.0~2565.0	2564.043	-32.51	-13	Pass
NV_NT	Band 38	QPSK	15M	2577.5	75	0	1000	2565.0~2569.0	2567.412	-30.22	-10	Pass
NV_NT	Band 38	QPSK	15M	2577.5	75	0	150.0	2569.0~2570.0	2569.999	-31.76	-10	Pass
NV_NT	Band 38	QPSK	15M	2577.5	1	0	1	0.009~0.150	0.011	-53.84	-25	Pass
NV_NT	Band 38	QPSK	15M	2577.5	1	0	10	0.150~30.000	0.164	-55.56	-25	Pass
NV_NT	Band 38	QPSK	15M	2577.5	1	0	100	30.000~1000.000	32.781	-57.52	-25	Pass
NV_NT	Band 38	QPSK	15M	2577.5	1	0	1000	1000.000~2545.000	2415.787	-47.34	-25	Pass
NV_NT	Band 38	QPSK	15M	2577.5	1	0	1000	2680.000~26500.000	24389.548	-41.72	-25	Pass
NV_NT	Band 38	16QAM	15M	2577.5	1	0	1000	2545.0~2555.0	2554.674	-43.61	-25	Pass
NV_NT	Band 38	16QAM	15M	2577.5	1	0	1000	2555.0~2565.0	2564.979	-30.69	-13	Pass
NV_NT	Band 38	16QAM	15M	2577.5	1	0	1000	2565.0~2569.0	2568.996	-27.04	-10	Pass
NV_NT	Band 38	16QAM	15M	2577.5	1	0	150.0	2569.0~2570.0	2569.925	-21.79	-10	Pass
NV_NT	Band 38	16QAM	15M	2577.5	75	0	1000	2545.0~2555.0	2550.634	-42.12	-25	Pass
NV_NT	Band 38	16QAM	15M	2577.5	75	0	1000	2555.0~2565.0	2563.320	-34.40	-13	Pass
NV_NT	Band 38	16QAM	15M	2577.5	75	0	1000	2565.0~2569.0	2568.943	-32.57	-10	Pass
NV_NT	Band 38	16QAM	15M	2577.5	75	0	150.0	2569.0~2570.0	2570.000	-38.62	-10	Pass
NV_NT	Band 38	16QAM	15M	2577.5	1	0	1	0.009~0.150	0.010	-54.78	-25	Pass
NV_NT	Band 38	16QAM	15M	2577.5	1	0	10	0.150~30.000	0.154	-54.20	-25	Pass
NV_NT	Band 38	16QAM	15M	2577.5	1	0	100	30.000~1000.000	32.522	-58.64	-25	Pass
NV_NT	Band 38	16QAM	15M	2577.5	1	0	1000	1000.000~2545.000	2544.176	-47.25	-25	Pass
NV_NT	Band 38	16QAM	15M	2577.5	1	0	1000	2680.000~26500.000	24396.694	-41.86	-25	Pass
NV_NT	Band 38	QPSK	15M	2595.0	75	0	1	0.009~0.150	0.010	-53.92	-25	Pass

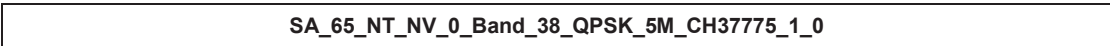
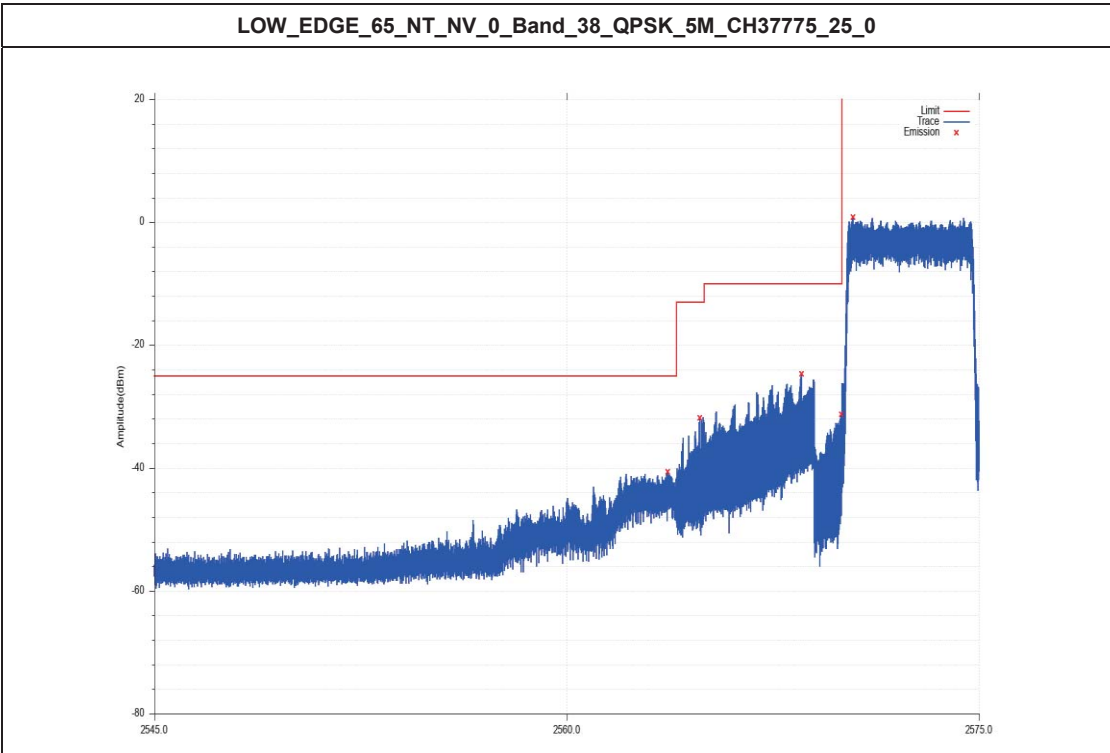
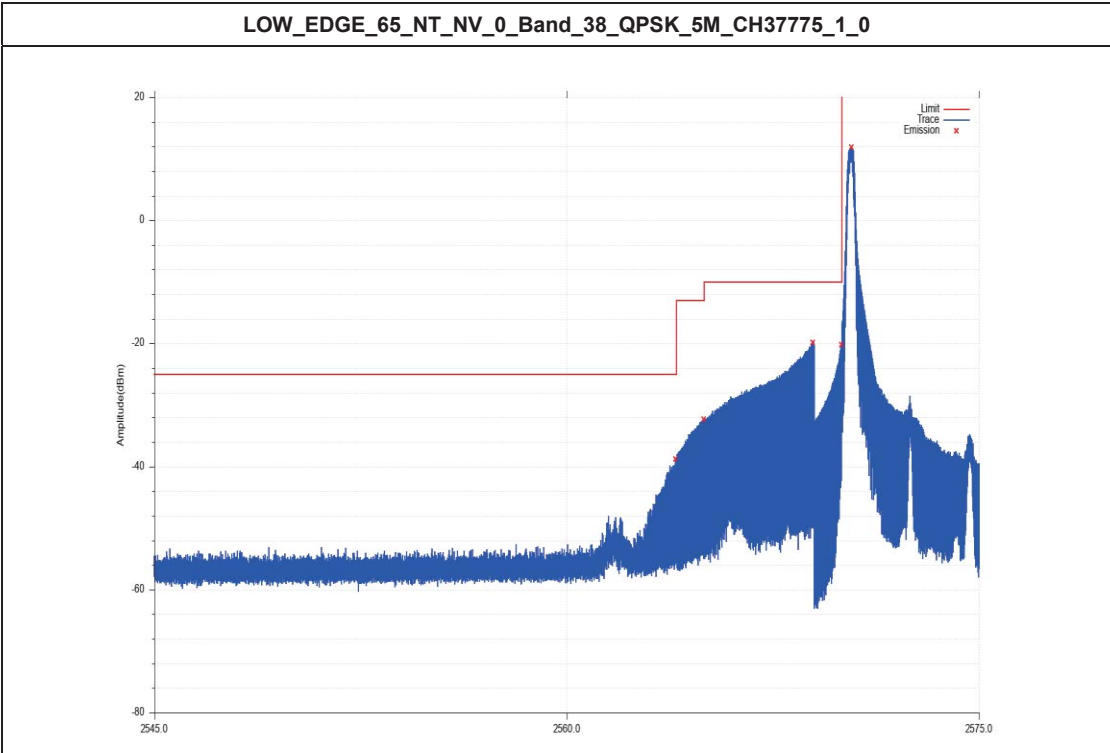
NV_NT	Band 38	QPSK	15M	2595.0	75	0	10	0.150~30.000	0.188	-56.62	-25	Pass
NV_NT	Band 38	QPSK	15M	2595.0	75	0	100	30.000~1000.000	890.390	-61.15	-25	Pass
NV_NT	Band 38	QPSK	15M	2595.0	75	0	1000	1000.000~2545.000	2410.740	-47.00	-25	Pass
NV_NT	Band 38	QPSK	15M	2595.0	75	0	1000	2650.000~26500.000	24375.760	-41.65	-25	Pass
NV_NT	Band 38	16QAM	15M	2595.0	75	0	1	0.009~0.150	0.012	-53.14	-25	Pass
NV_NT	Band 38	16QAM	15M	2595.0	75	0	10	0.150~30.000	0.152	-55.13	-25	Pass
NV_NT	Band 38	16QAM	15M	2595.0	75	0	100	30.000~1000.000	932.197	-61.29	-25	Pass
NV_NT	Band 38	16QAM	15M	2595.0	75	0	1000	1000.000~2545.000	2414.653	-43.82	-25	Pass
NV_NT	Band 38	16QAM	15M	2595.0	75	0	1000	2650.000~26500.000	24393.250	-41.45	-25	Pass
NV_NT	Band 38	QPSK	15M	2612.5	1	74	150.0	2620.0~2621.0	2620.003	-23.30	-10	Pass
NV_NT	Band 38	QPSK	15M	2612.5	1	74	1000	2621.0~2625.0	2621.126	-19.90	-10	Pass
NV_NT	Band 38	QPSK	15M	2612.5	1	74	1000	2625.0~2635.0	2625.129	-29.61	-13	Pass
NV_NT	Band 38	QPSK	15M	2612.5	1	74	1000	2635.0~2650.0	2635.171	-40.36	-25	Pass
NV_NT	Band 38	QPSK	15M	2612.5	75	0	150.0	2620.0~2621.0	2620.191	-34.09	-10	Pass
NV_NT	Band 38	QPSK	15M	2612.5	75	0	1000	2621.0~2625.0	2621.254	-27.19	-10	Pass
NV_NT	Band 38	QPSK	15M	2612.5	75	0	1000	2625.0~2635.0	2625.374	-31.62	-13	Pass
NV_NT	Band 38	QPSK	15M	2612.5	75	0	1000	2635.0~2650.0	2635.583	-38.82	-25	Pass
NV_NT	Band 38	QPSK	15M	2612.5	1	74	1	0.009~0.150	0.009	-54.76	-25	Pass
NV_NT	Band 38	QPSK	15M	2612.5	1	74	10	0.150~30.000	0.151	-56.69	-25	Pass
NV_NT	Band 38	QPSK	15M	2612.5	1	74	100	30.000~1000.000	57.936	-60.52	-25	Pass
NV_NT	Band 38	QPSK	15M	2612.5	1	74	1000	1000.000~2545.000	2415.890	-42.17	-25	Pass
NV_NT	Band 38	QPSK	15M	2612.5	1	74	1000	2680.000~26500.000	24380.814	-41.71	-25	Pass

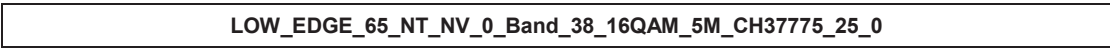
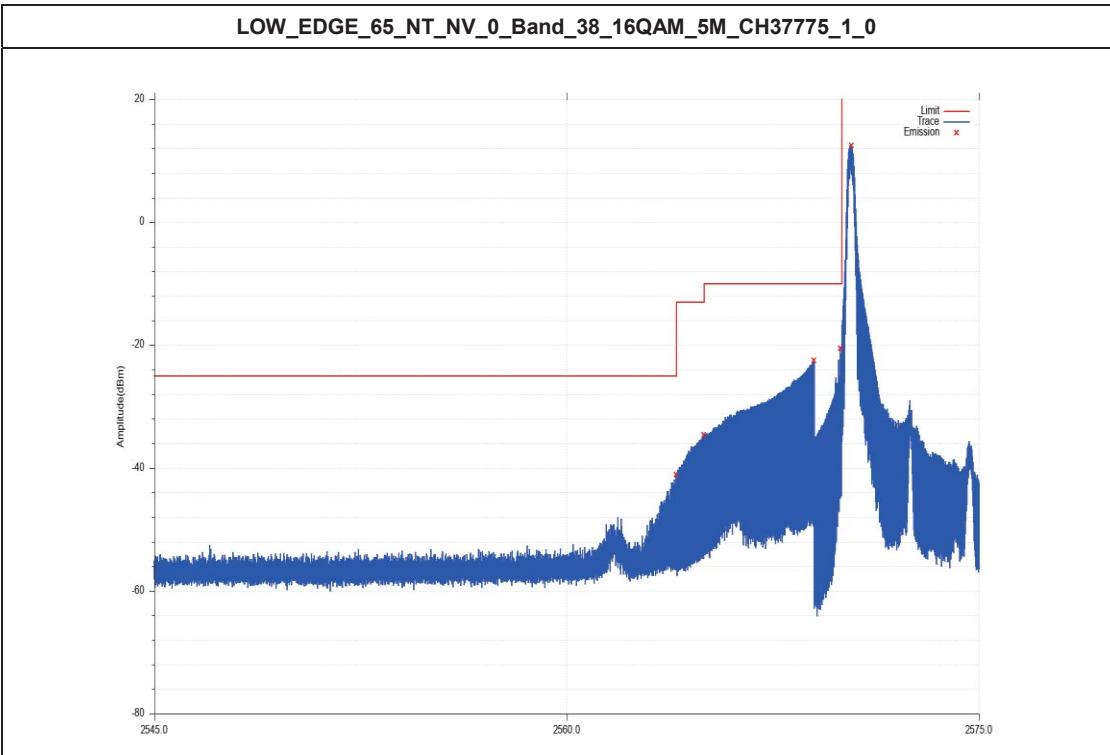
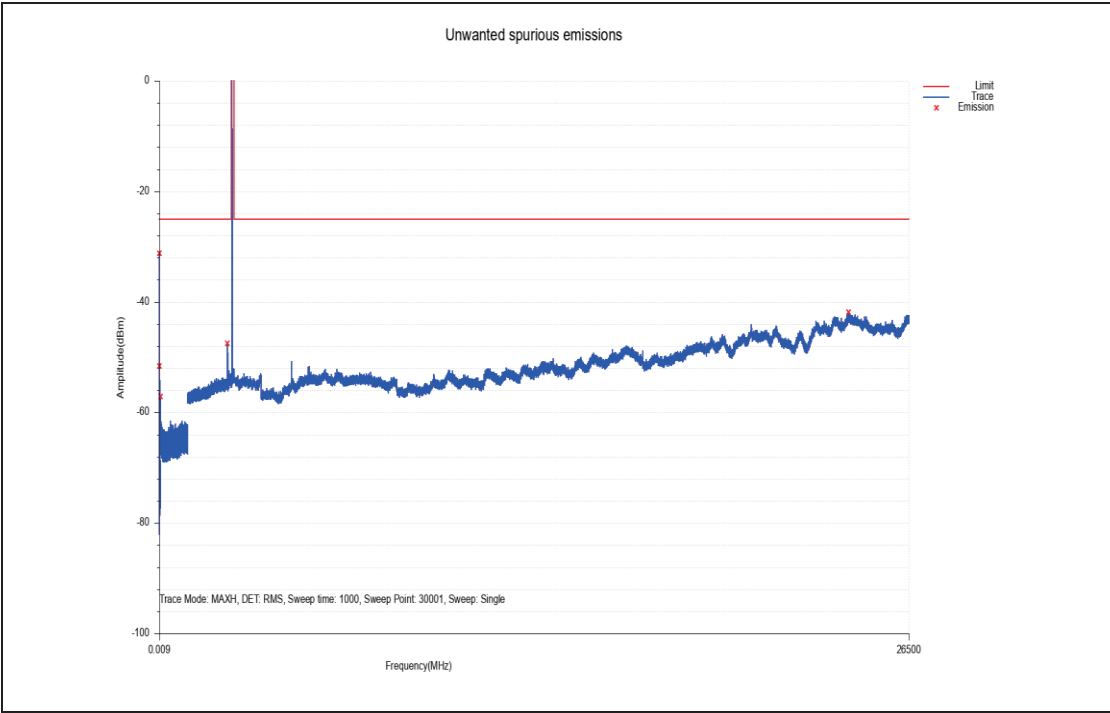
NV_NT	Band 38	16QAM	15M	2612.5	1	74	150.0	2620.0~2621.0	2620.179	-20.96	-10	Pass
NV_NT	Band 38	16QAM	15M	2612.5	1	74	1000	2621.0~2625.0	2621.077	-19.89	-10	Pass
NV_NT	Band 38	16QAM	15M	2612.5	1	74	1000	2625.0~2635.0	2625.052	-29.27	-13	Pass
NV_NT	Band 38	16QAM	15M	2612.5	1	74	1000	2635.0~2650.0	2635.133	-39.66	-25	Pass
NV_NT	Band 38	16QAM	15M	2612.5	75	0	150.0	2620.0~2621.0	2620.006	-31.41	-10	Pass
NV_NT	Band 38	16QAM	15M	2612.5	75	0	1000	2621.0~2625.0	2622.774	-27.61	-10	Pass
NV_NT	Band 38	16QAM	15M	2612.5	75	0	1000	2625.0~2635.0	2625.232	-30.79	-13	Pass
NV_NT	Band 38	16QAM	15M	2612.5	75	0	1000	2635.0~2650.0	2635.211	-39.46	-25	Pass
NV_NT	Band 38	16QAM	15M	2612.5	1	74	1	0.009~0.150	0.010	-54.41	-25	Pass
NV_NT	Band 38	16QAM	15M	2612.5	1	74	10	0.150~30.000	0.161	-56.23	-25	Pass
NV_NT	Band 38	16QAM	15M	2612.5	1	74	100	30.000~1000.000	57.871	-59.66	-25	Pass
NV_NT	Band 38	16QAM	15M	2612.5	1	74	1000	1000.000~2545.000	2415.838	-42.58	-25	Pass
NV_NT	Band 38	16QAM	15M	2612.5	1	74	1000	2680.000~26500.000	24336.350	-41.64	-25	Pass
NV_NT	Band 38	QPSK	20M	2580.0	100	0	1000	2545.0~2550.0	2547.725	-46.06	-25	Pass
NV_NT	Band 38	QPSK	20M	2580.0	100	0	1000	2550.0~2565.0	2560.870	-36.44	-13	Pass
NV_NT	Band 38	QPSK	20M	2580.0	100	0	1000	2565.0~2569.0	2568.840	-36.20	-10	Pass
NV_NT	Band 38	QPSK	20M	2580.0	100	0	200.0	2569.0~2570.0	2569.985	-42.12	-10	Pass
NV_NT	Band 38	QPSK	20M	2580.0	1	0	1000	2545.0~2550.0	2548.308	-47.79	-25	Pass
NV_NT	Band 38	QPSK	20M	2580.0	1	0	1000	2550.0~2565.0	2564.914	-32.61	-13	Pass
NV_NT	Band 38	QPSK	20M	2580.0	1	0	1000	2565.0~2569.0	2568.981	-28.07	-10	Pass
NV_NT	Band 38	QPSK	20M	2580.0	1	0	200.0	2569.0~2570.0	2569.989	-20.57	-10	Pass
NV_NT	Band 38	QPSK	20M	2580.0	1	0	1	0.009~0.150	0.011	-54.09	-25	Pass

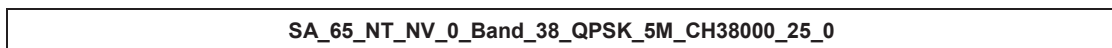
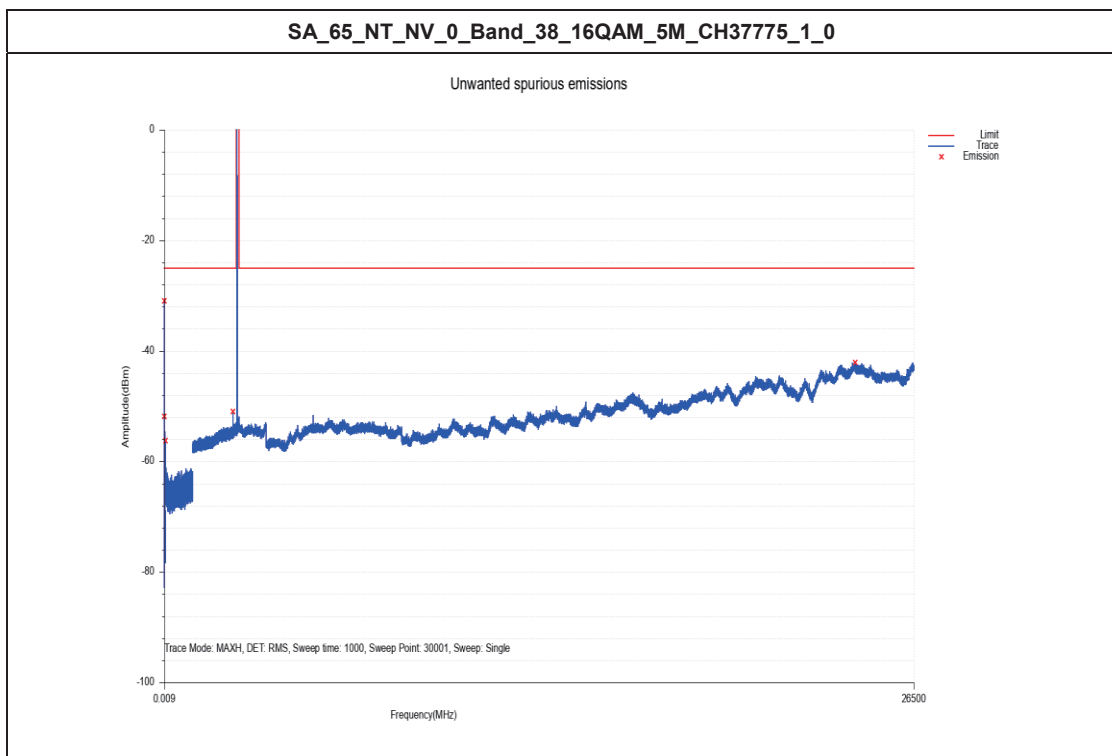
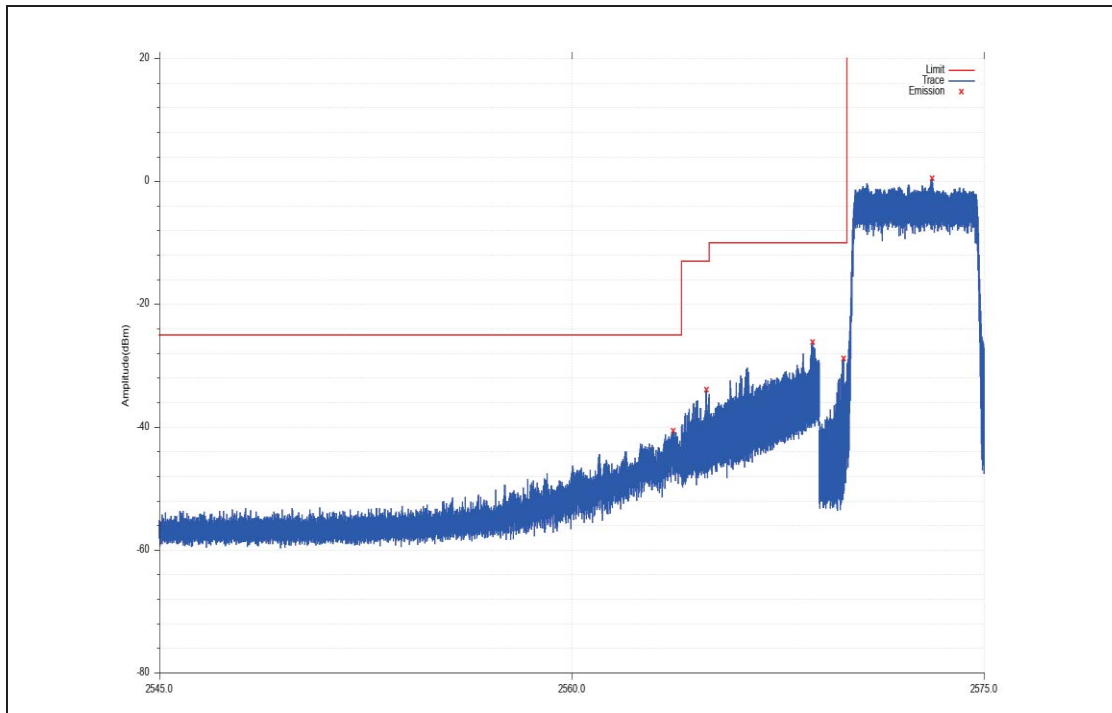
NV_NT	Band 38	QPSK	20M	2580.0	1	0	10	0.150~30.000	0.151	-54.46	-25	Pass
NV_NT	Band 38	QPSK	20M	2580.0	1	0	100	30.000~1000.000	32.005	-58.89	-25	Pass
NV_NT	Band 38	QPSK	20M	2580.0	1	0	1000	1000.000~2545.000	2411.769	-42.92	-25	Pass
NV_NT	Band 38	QPSK	20M	2580.0	1	0	1000	2700.000~26500.000	26469.060	-41.73	-25	Pass
NV_NT	Band 38	16QAM	20M	2580.0	100	0	1000	2545.0~2550.0	2549.851	-46.21	-25	Pass
NV_NT	Band 38	16QAM	20M	2580.0	100	0	1000	2550.0~2565.0	2561.070	-37.60	-13	Pass
NV_NT	Band 38	16QAM	20M	2580.0	100	0	1000	2565.0~2569.0	2568.790	-36.16	-10	Pass
NV_NT	Band 38	16QAM	20M	2580.0	100	0	200.0	2569.0~2570.0	2569.826	-31.97	-10	Pass
NV_NT	Band 38	16QAM	20M	2580.0	1	0	1000	2545.0~2550.0	2549.842	-49.20	-25	Pass
NV_NT	Band 38	16QAM	20M	2580.0	1	0	1000	2550.0~2565.0	2564.991	-35.54	-13	Pass
NV_NT	Band 38	16QAM	20M	2580.0	1	0	1000	2565.0~2569.0	2568.979	-30.33	-10	Pass
NV_NT	Band 38	16QAM	20M	2580.0	1	0	200.0	2569.0~2570.0	2569.968	-28.56	-10	Pass
NV_NT	Band 38	16QAM	20M	2580.0	1	0	1	0.009~0.150	0.010	-54.29	-25	Pass
NV_NT	Band 38	16QAM	20M	2580.0	1	0	10	0.150~30.000	0.160	-55.53	-25	Pass
NV_NT	Band 38	16QAM	20M	2580.0	1	0	100	30.000~1000.000	31.972	-57.69	-25	Pass
NV_NT	Band 38	16QAM	20M	2580.0	1	0	1000	1000.000~2545.000	2416.302	-41.74	-25	Pass
NV_NT	Band 38	16QAM	20M	2580.0	1	0	1000	2700.000~26500.000	24462.720	-41.73	-25	Pass
NV_NT	Band 38	QPSK	20M	2595.0	100	0	1	0.009~0.150	0.009	-52.52	-25	Pass
NV_NT	Band 38	QPSK	20M	2595.0	100	0	10	0.150~30.000	0.156	-56.38	-25	Pass
NV_NT	Band 38	QPSK	20M	2595.0	100	0	100	30.000~1000.000	32.005	-58.96	-25	Pass
NV_NT	Band 38	QPSK	20M	2595.0	100	0	1000	1000.000~2545.000	2411.100	-45.16	-25	Pass
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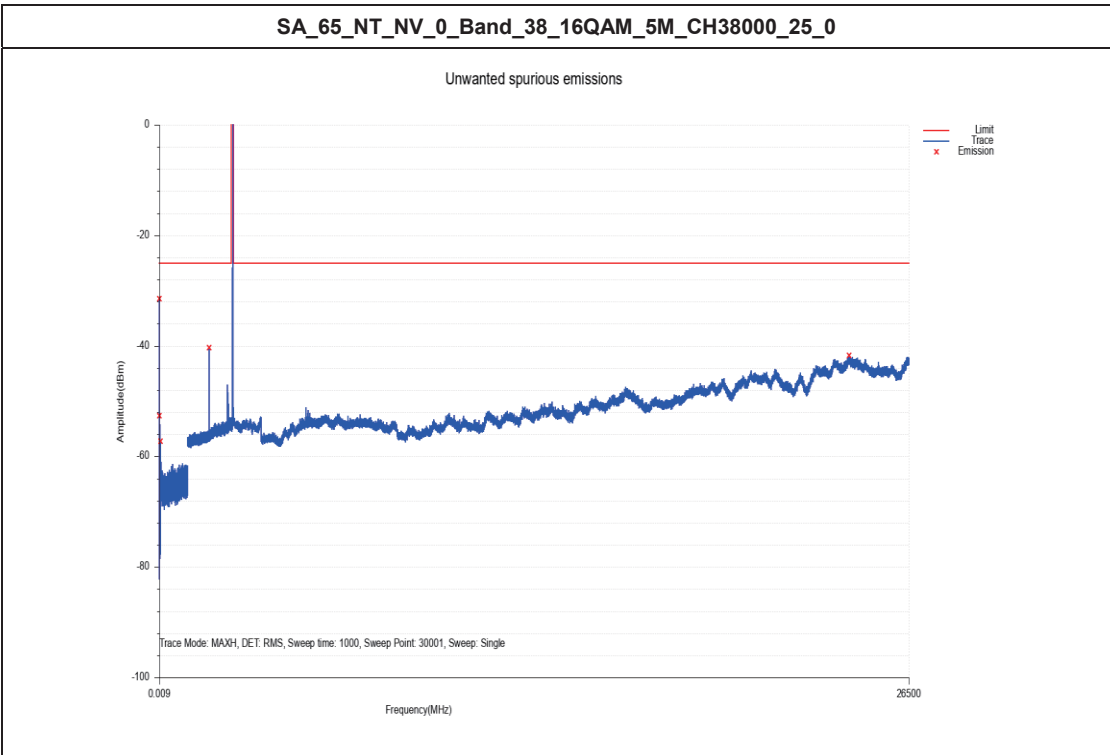
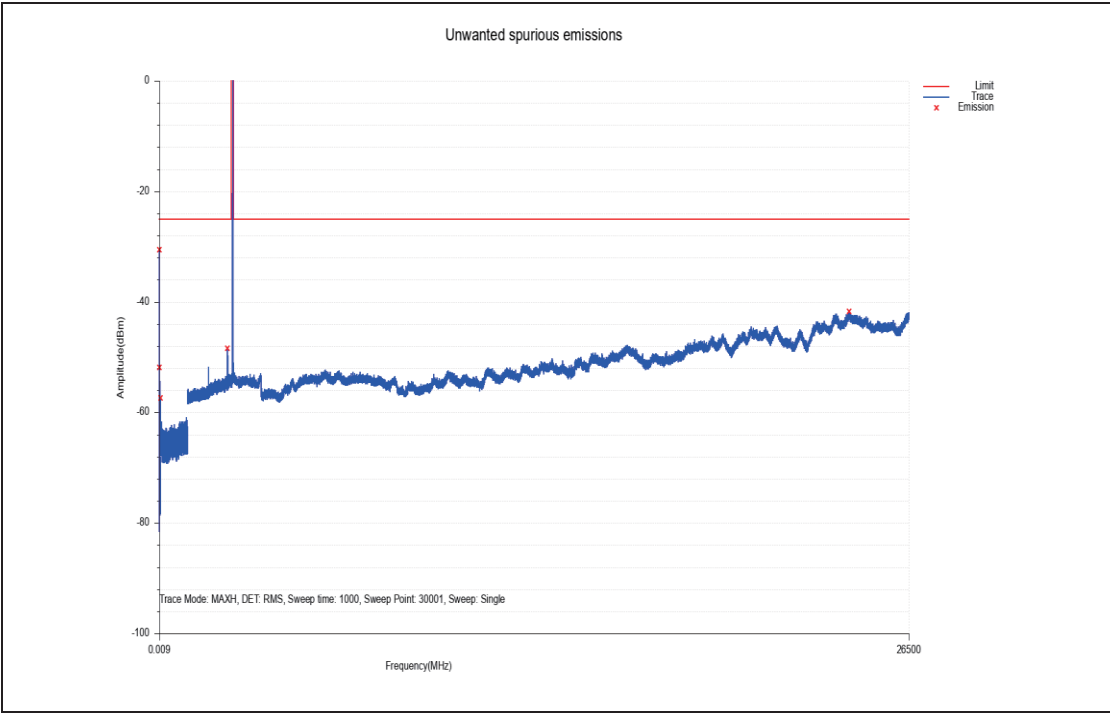
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NV_NT	Band 38	16QAM	20M	2595.0	100	0	100	30.000~1000.000	31.972	-59.20	-25	Pass
NV_NT	Band 38	16QAM	20M	2595.0	100	0	1000	1000.000~2545.000	2415.787	-40.95	-25	Pass
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NV_NT	Band 38	QPSK	20M	2610.0	100	0	200.0	2620.0~2621.0	2620.017	-34.57	-10	Pass
NV_NT	Band 38	QPSK	20M	2610.0	100	0	1000	2621.0~2625.0	2621.381	-27.73	-10	Pass
NV_NT	Band 38	QPSK	20M	2610.0	100	0	1000	2625.0~2640.0	2626.146	-32.82	-13	Pass
NV_NT	Band 38	QPSK	20M	2610.0	100	0	1000	2640.0~2660.0	2647.054	-42.72	-25	Pass
NV_NT	Band 38	QPSK	20M	2610.0	1	99	200.0	2620.0~2621.0	2620.012	-22.93	-10	Pass
NV_NT	Band 38	QPSK	20M	2610.0	1	99	1000	2621.0~2625.0	2621.059	-24.31	-10	Pass
NV_NT	Band 38	QPSK	20M	2610.0	1	99	1000	2625.0~2640.0	2625.028	-28.61	-13	Pass
NV_NT	Band 38	QPSK	20M	2610.0	1	99	1000	2640.0~2660.0	2640.806	-41.60	-25	Pass
NV_NT	Band 38	QPSK	20M	2610.0	1	99	1	0.009~0.150	0.010	-53.81	-25	Pass
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NV_NT	Band 38	16QAM	20M	2610.0	100	0	1000	2640.0~2660.0	2640.689	-43.41	-25	Pass

NV_NT	Band 38	16QAM	20M	2610.0	1	99	200.0	2620.0~2621.0	2620.013	-24.54	-10	Pass
NV_NT	Band 38	16QAM	20M	2610.0	1	99	1000	2621.0~2625.0	2621.044	-25.93	-10	Pass
NV_NT	Band 38	16QAM	20M	2610.0	1	99	1000	2625.0~2640.0	2625.026	-30.54	-13	Pass
NV_NT	Band 38	16QAM	20M	2610.0	1	99	1000	2640.0~2660.0	2641.331	-43.59	-25	Pass
NV_NT	Band 38	16QAM	20M	2610.0	1	99	1	0.009~0.150	0.014	-54.27	-25	Pass
NV_NT	Band 38	16QAM	20M	2610.0	1	99	10	0.150~30.000	0.160	-55.78	-25	Pass
NV_NT	Band 38	16QAM	20M	2610.0	1	99	100	30.000~1000.000	32.005	-58.54	-25	Pass
NV_NT	Band 38	16QAM	20M	2610.0	1	99	1000	1000.000~2545.000	2415.271	-40.79	-25	Pass
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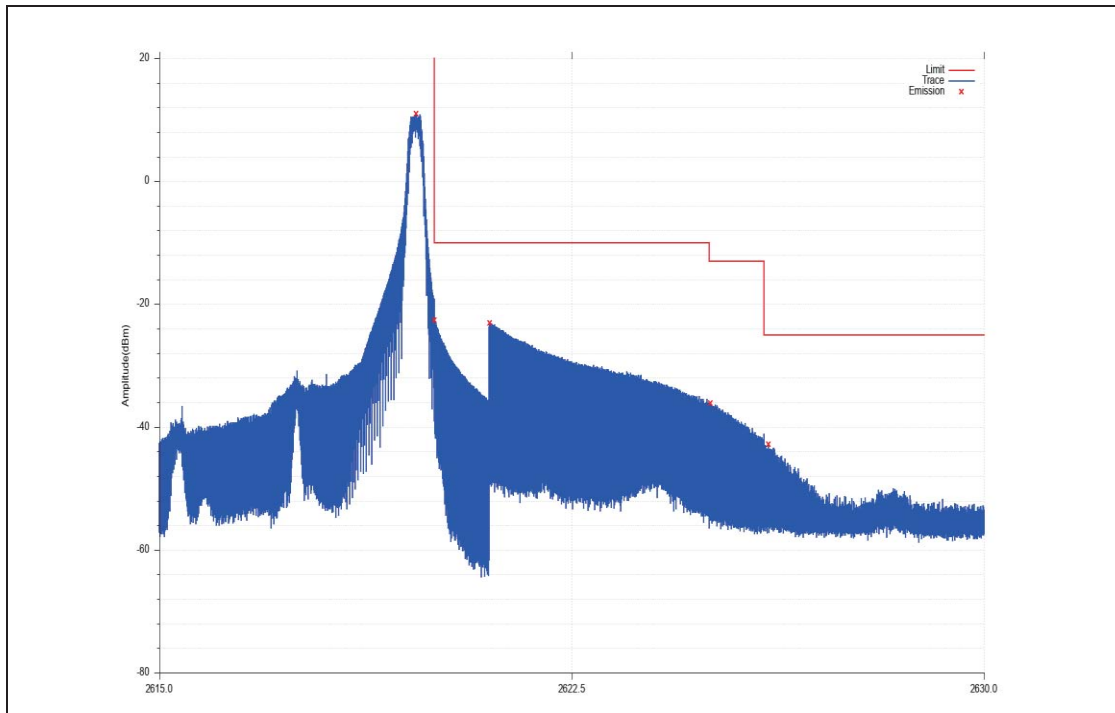




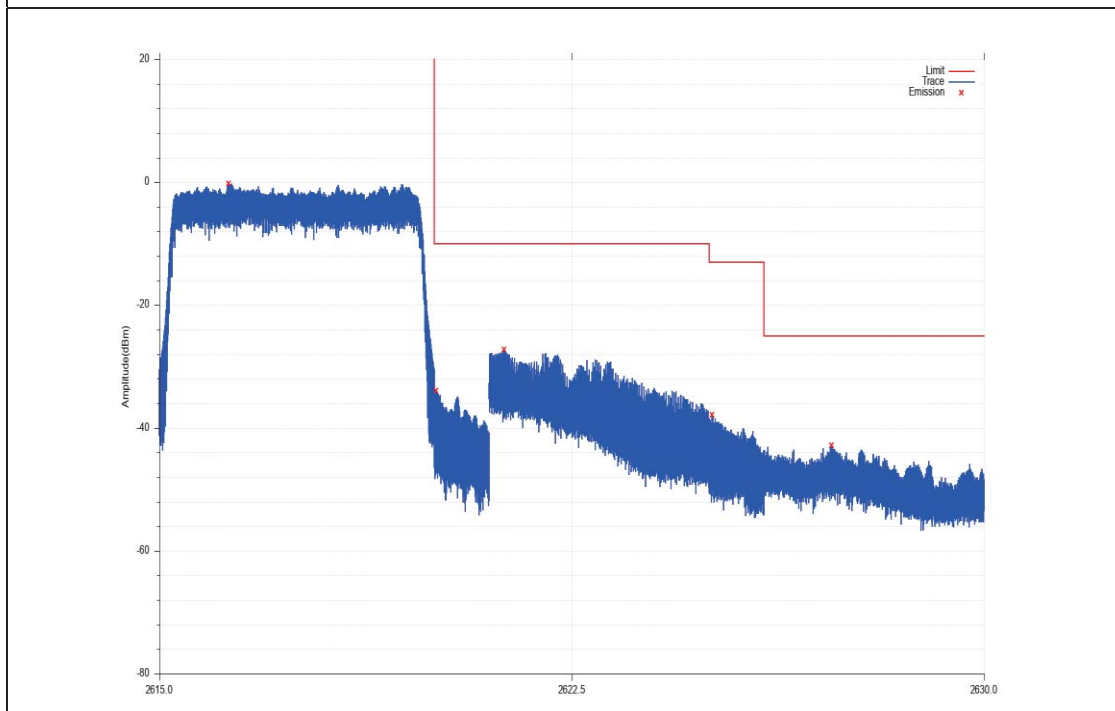




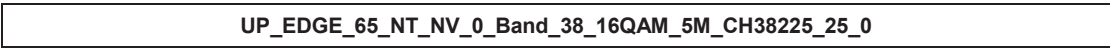
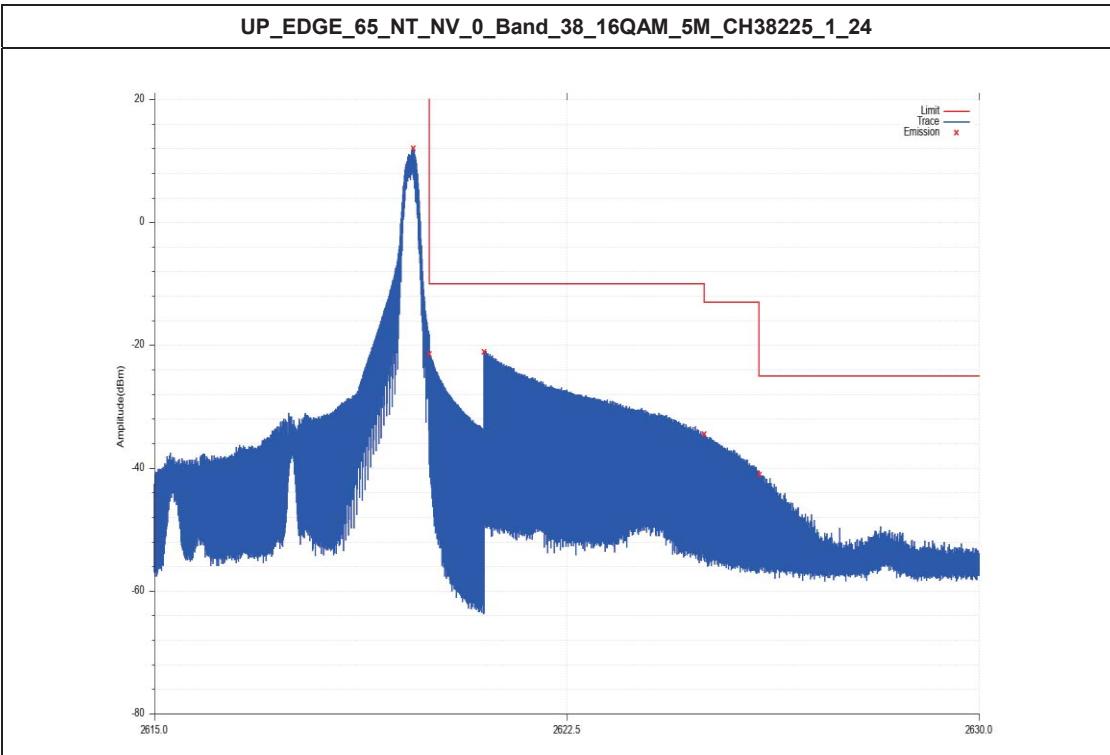
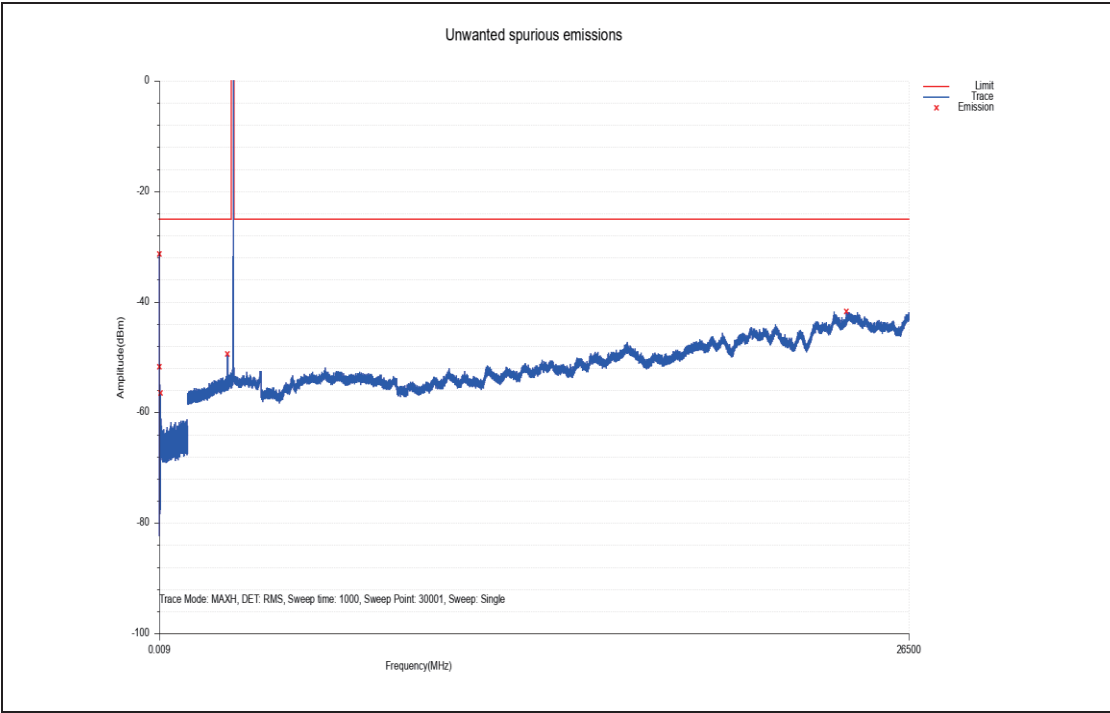
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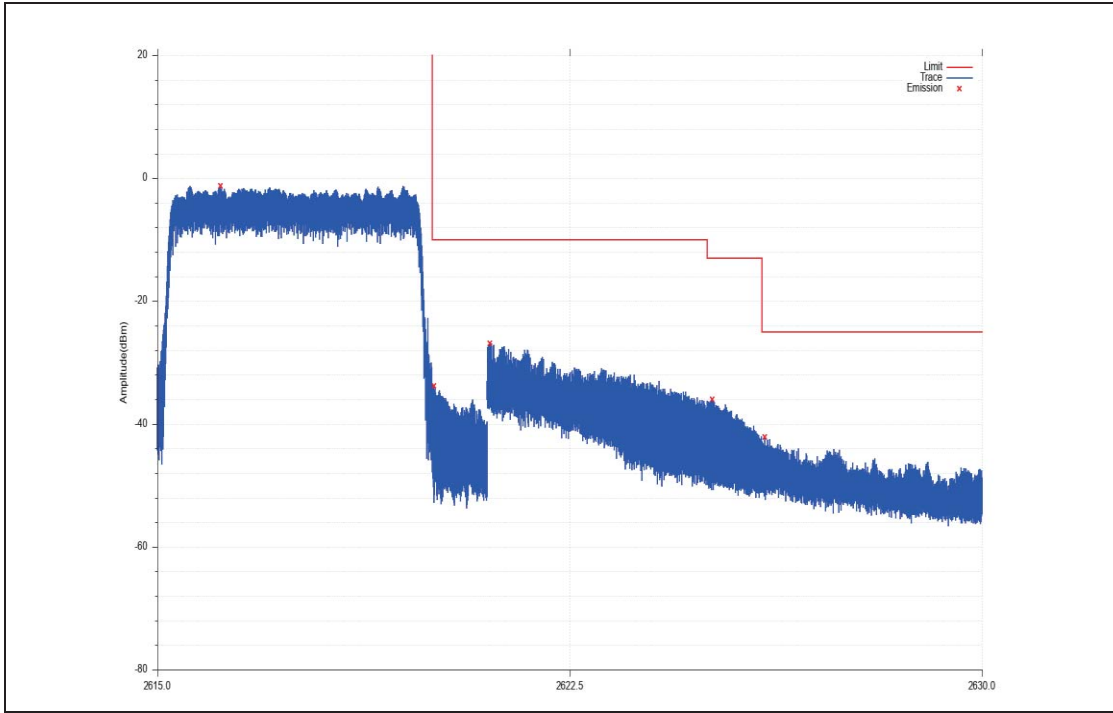


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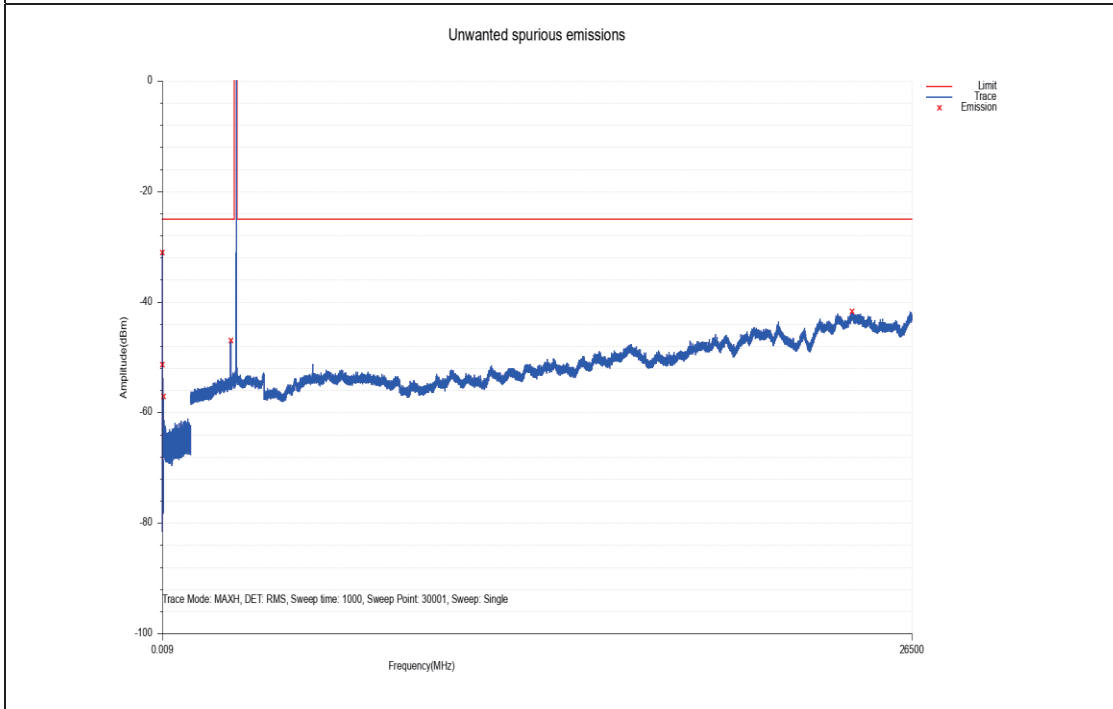


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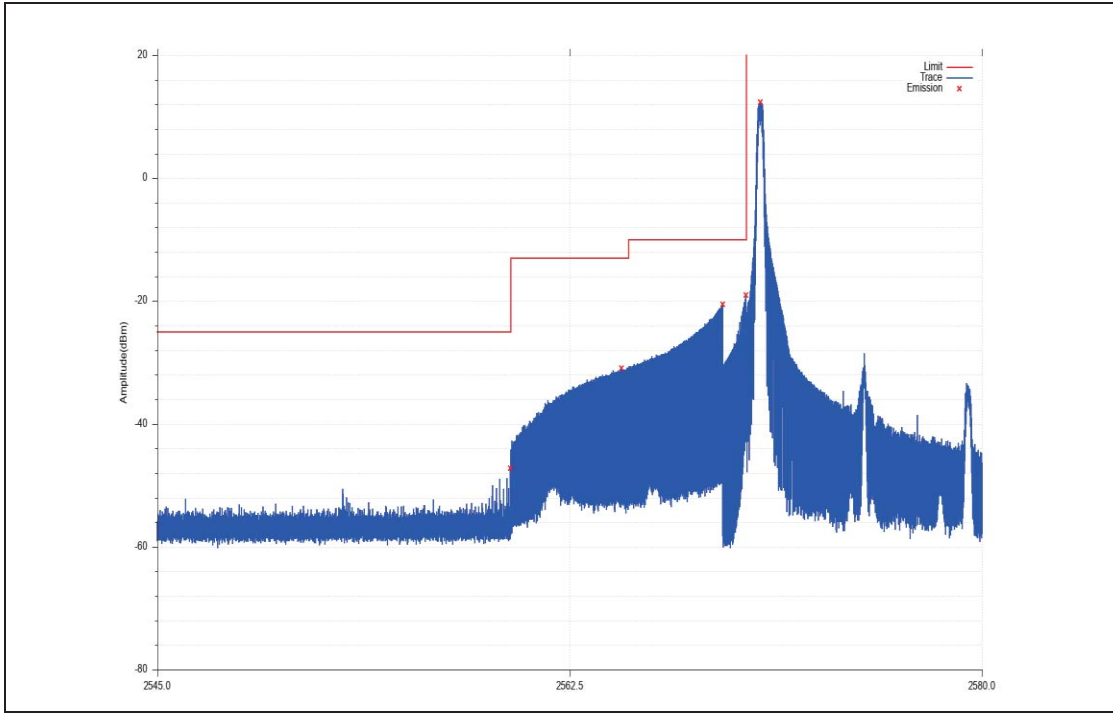




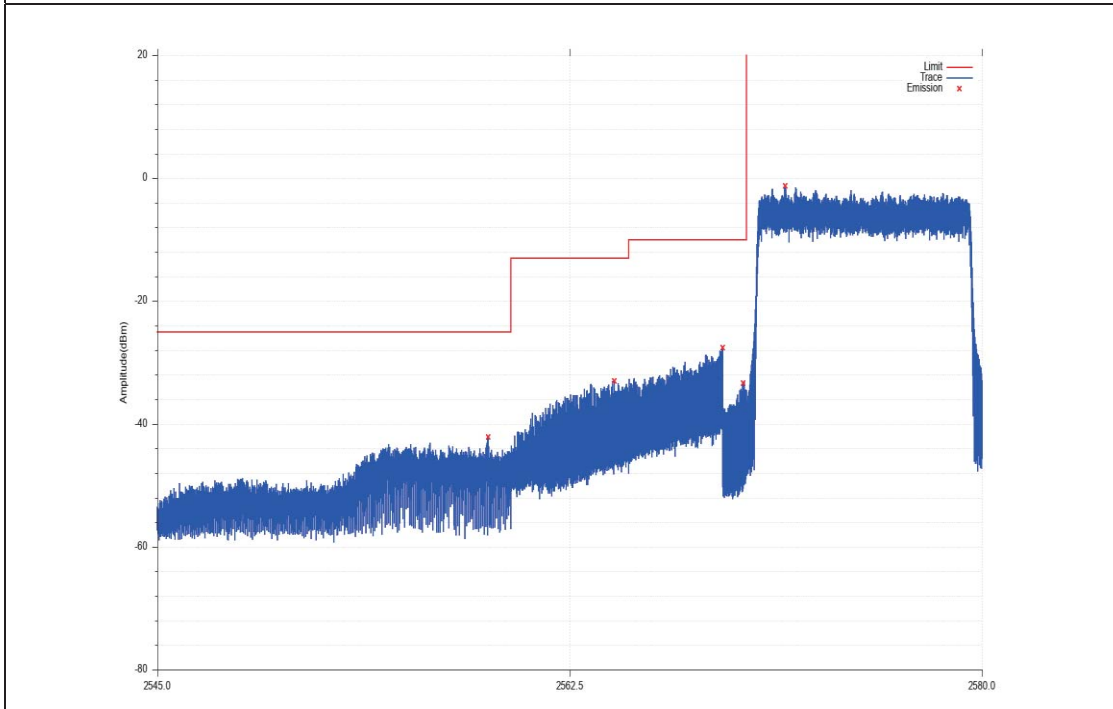
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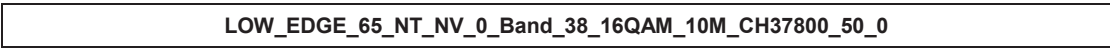
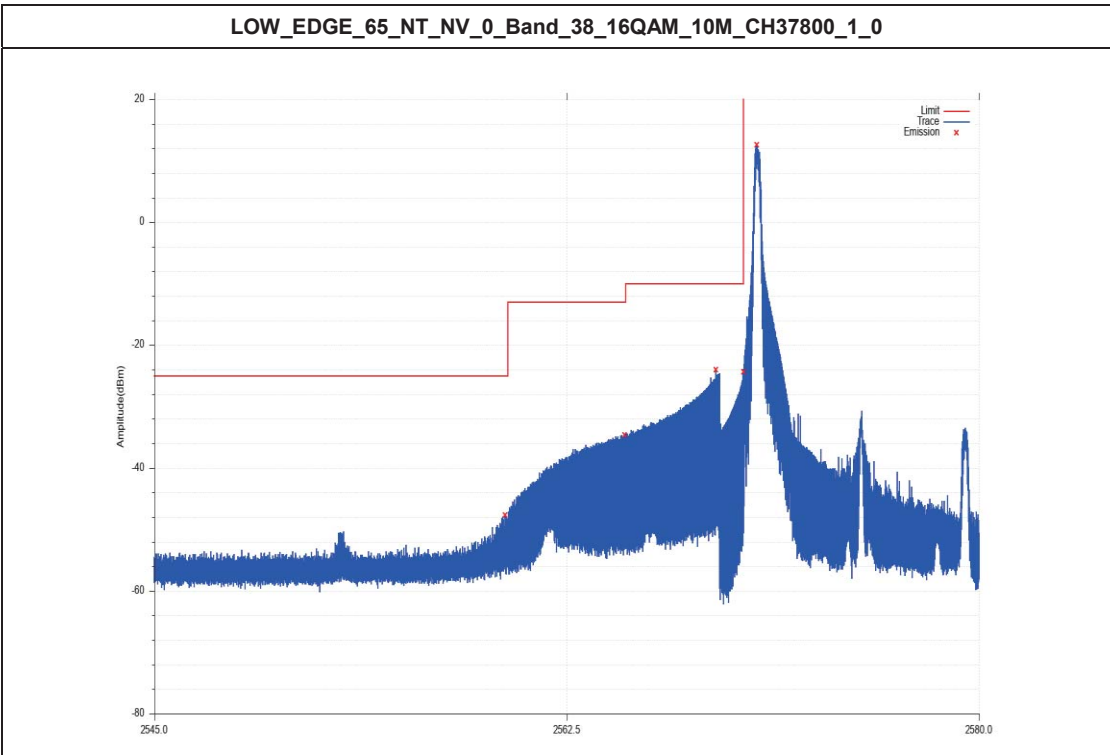
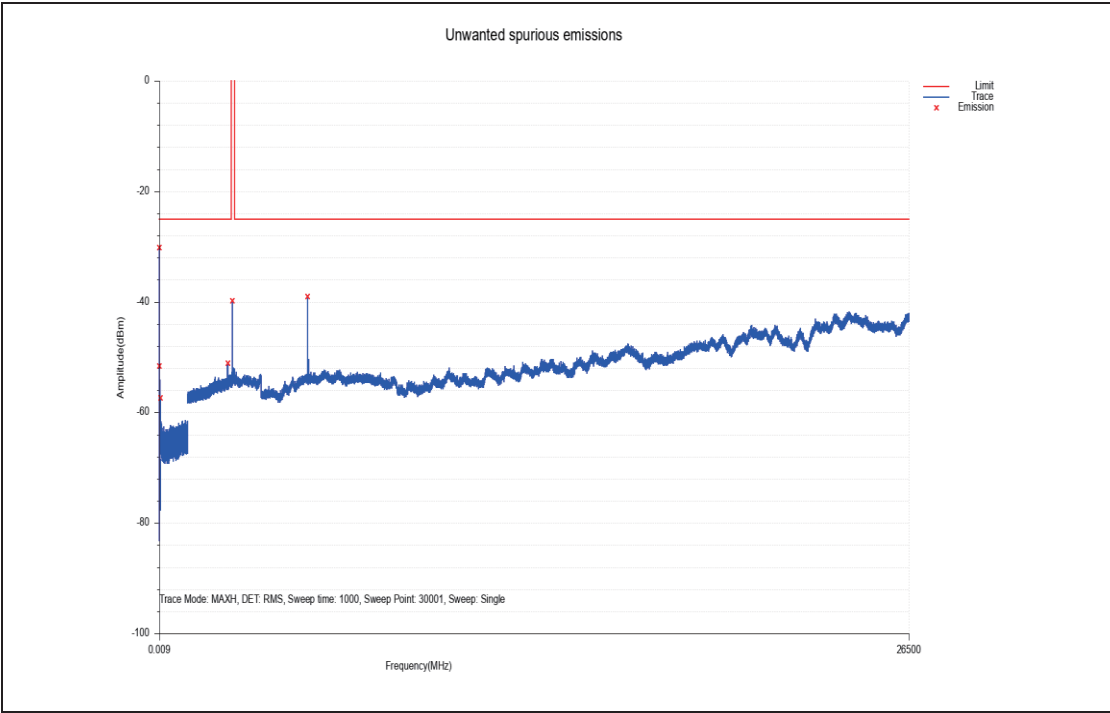
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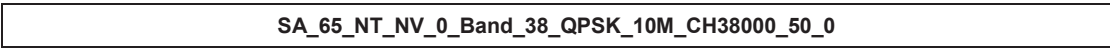
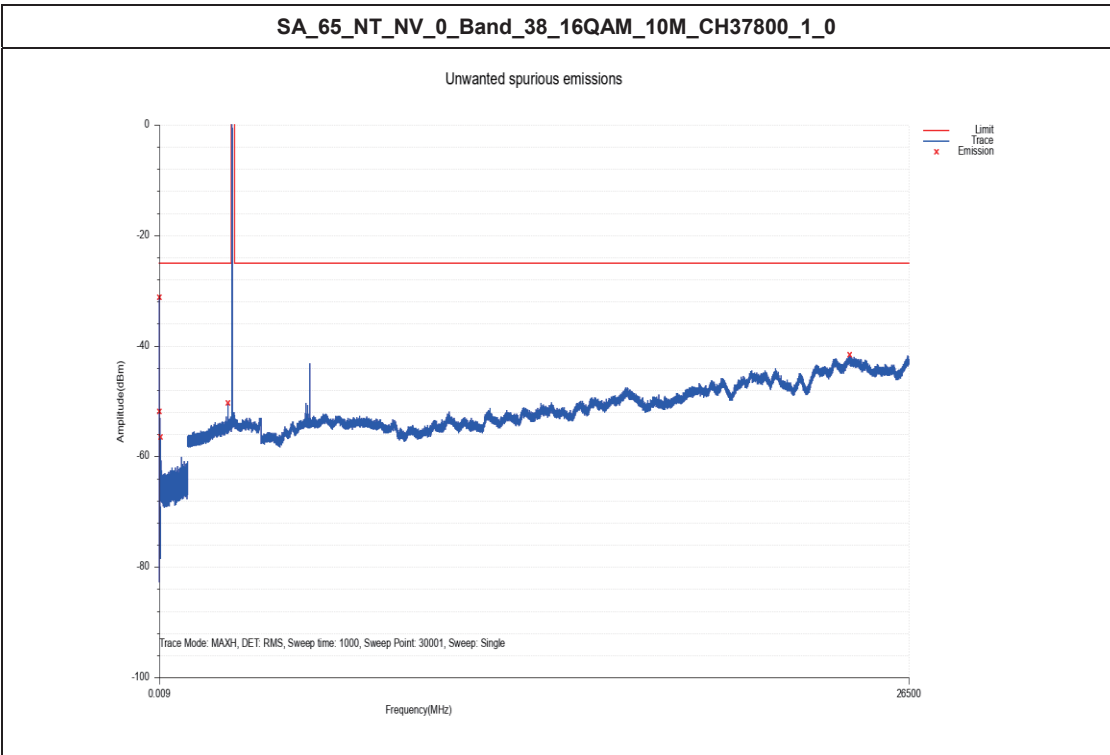
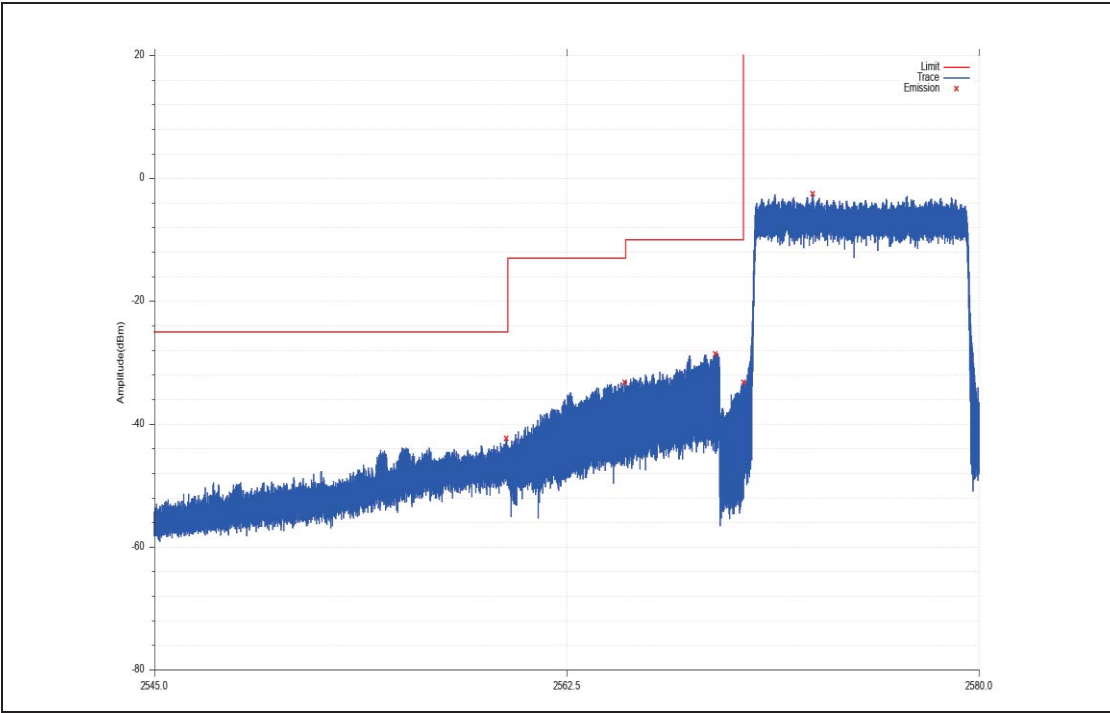


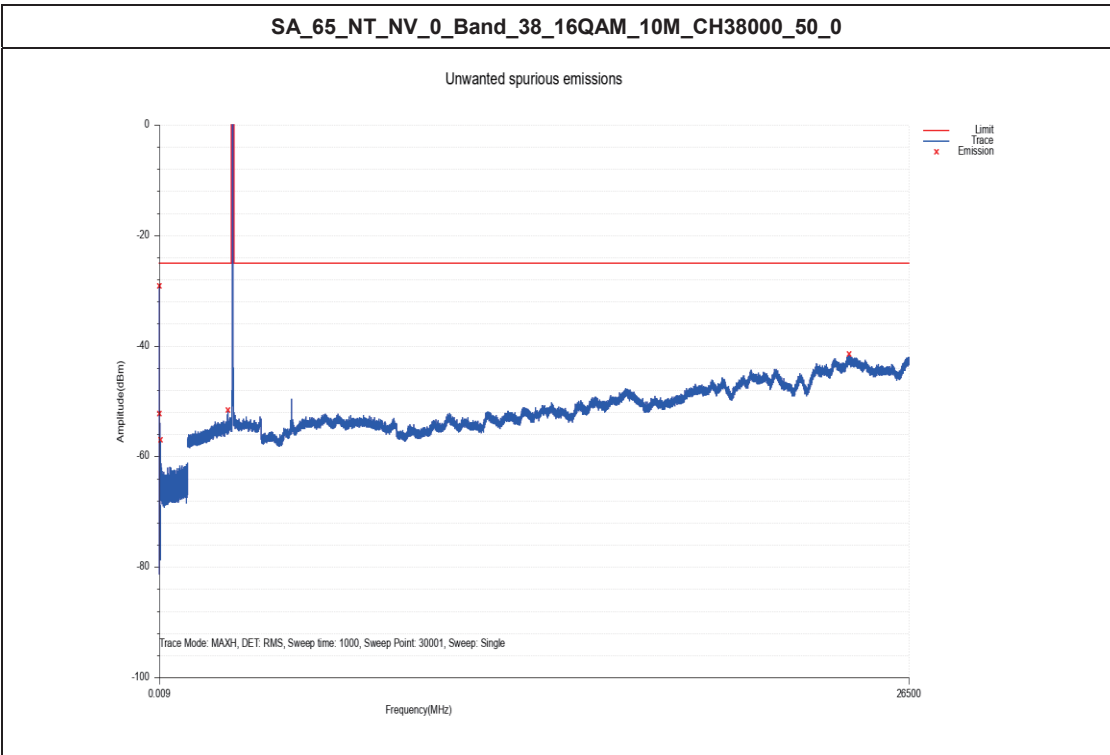
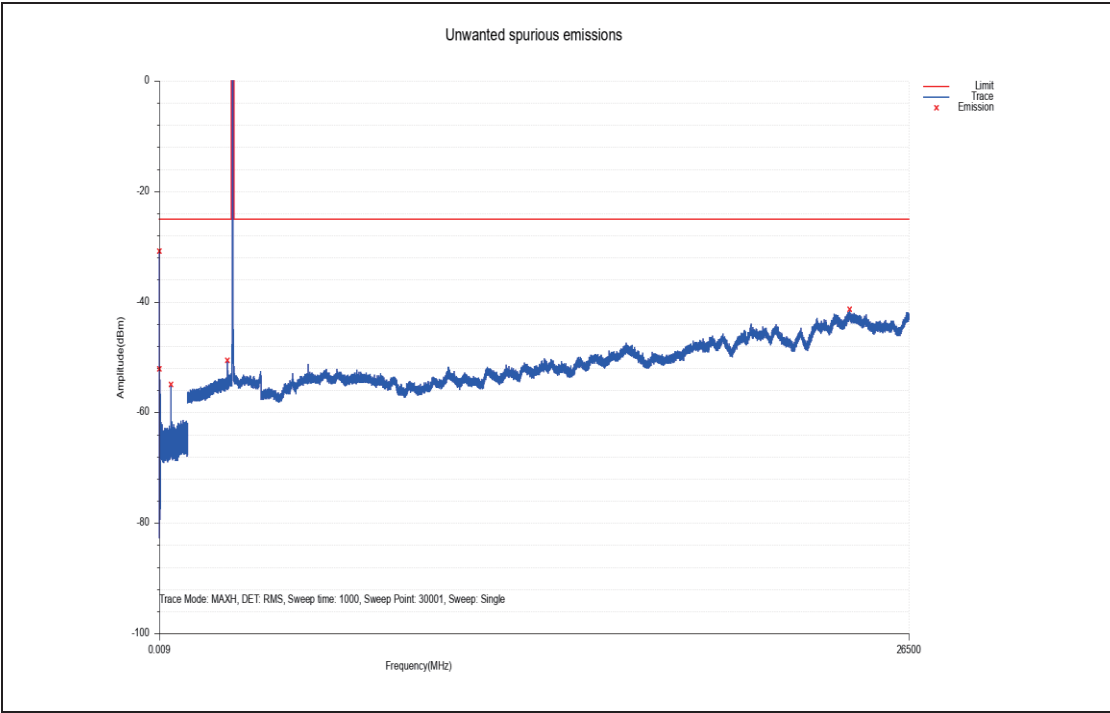
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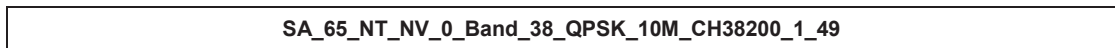
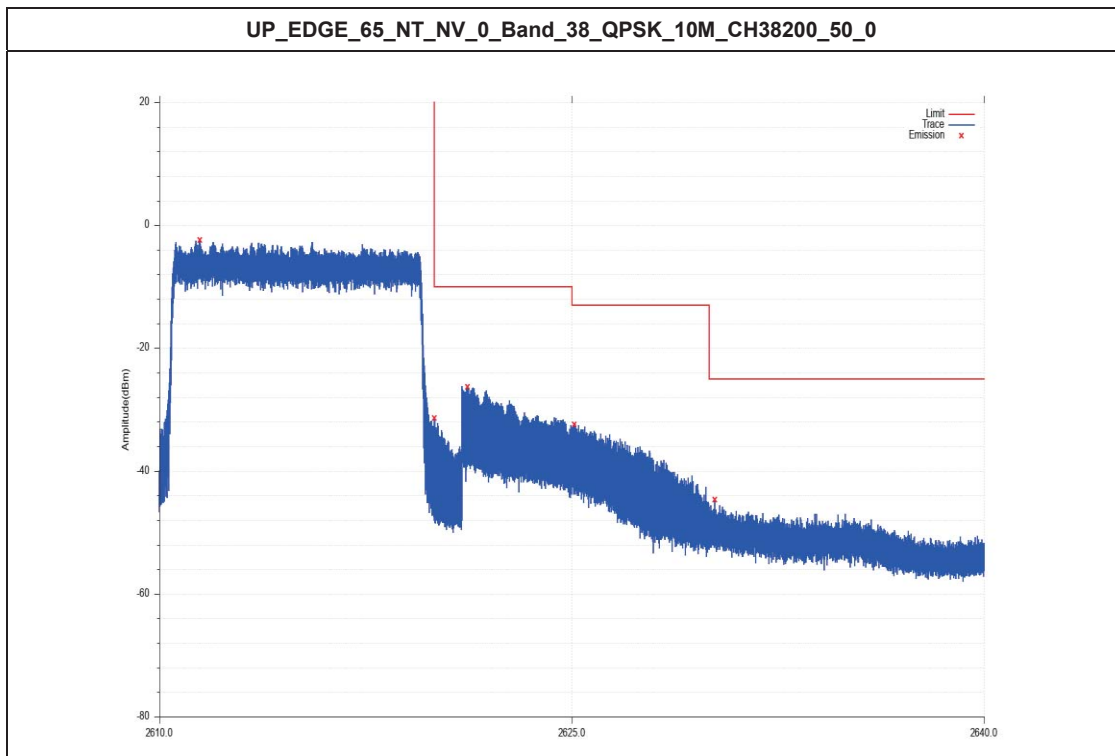
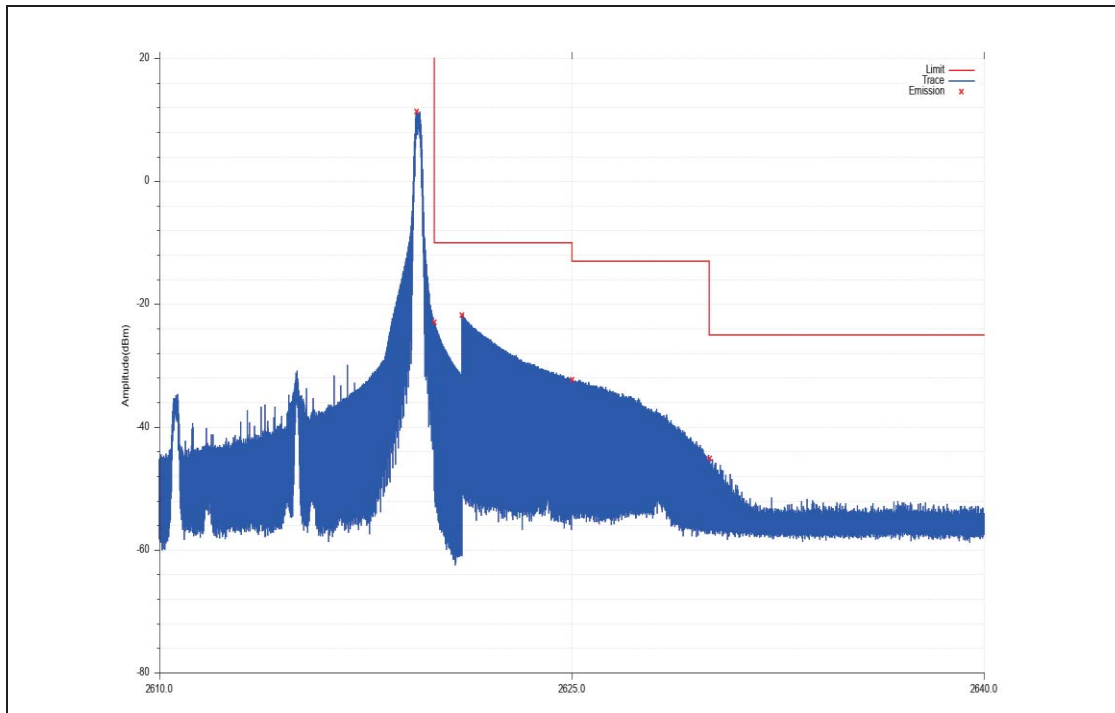
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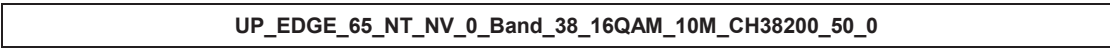
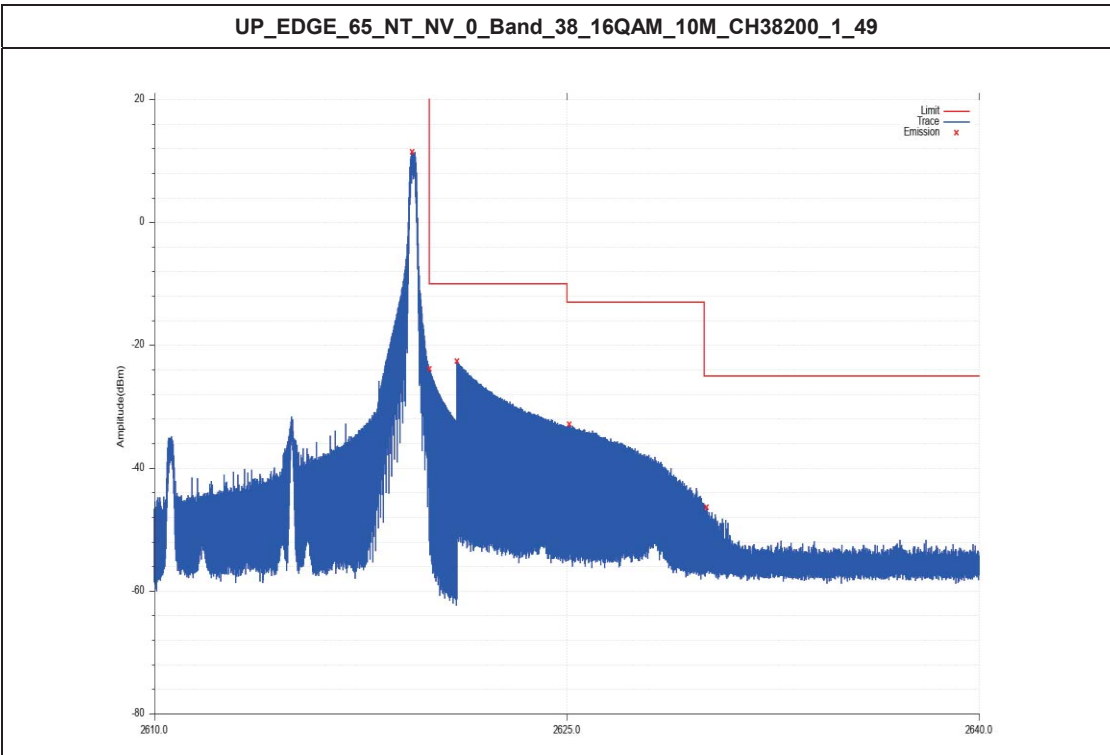
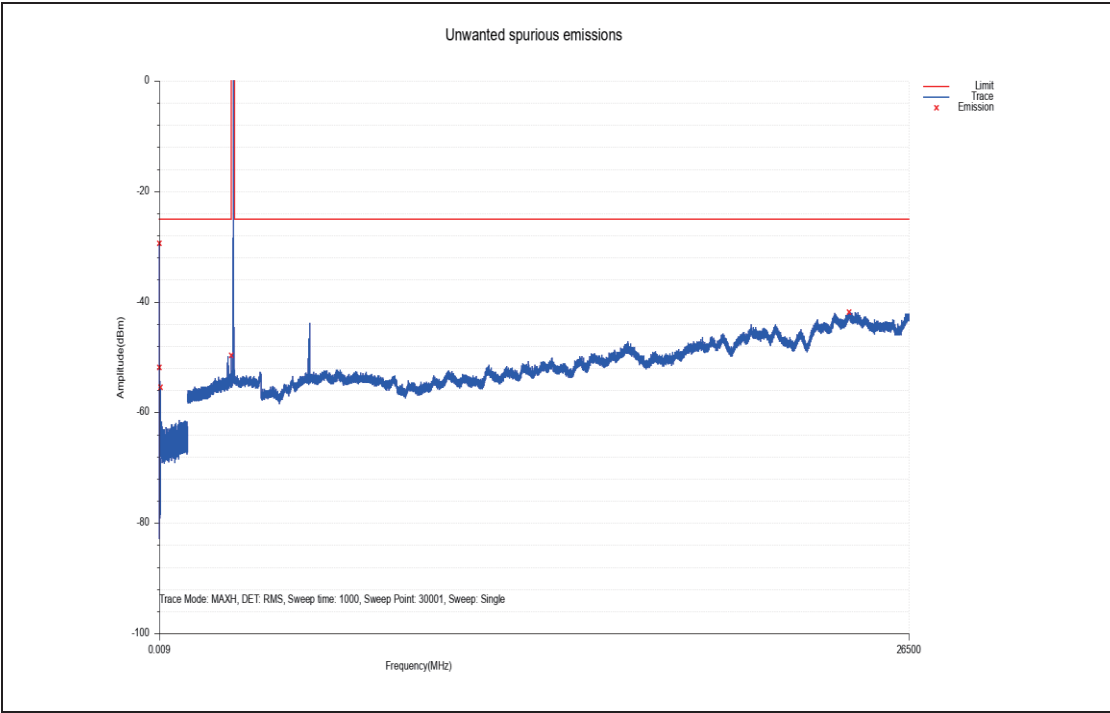


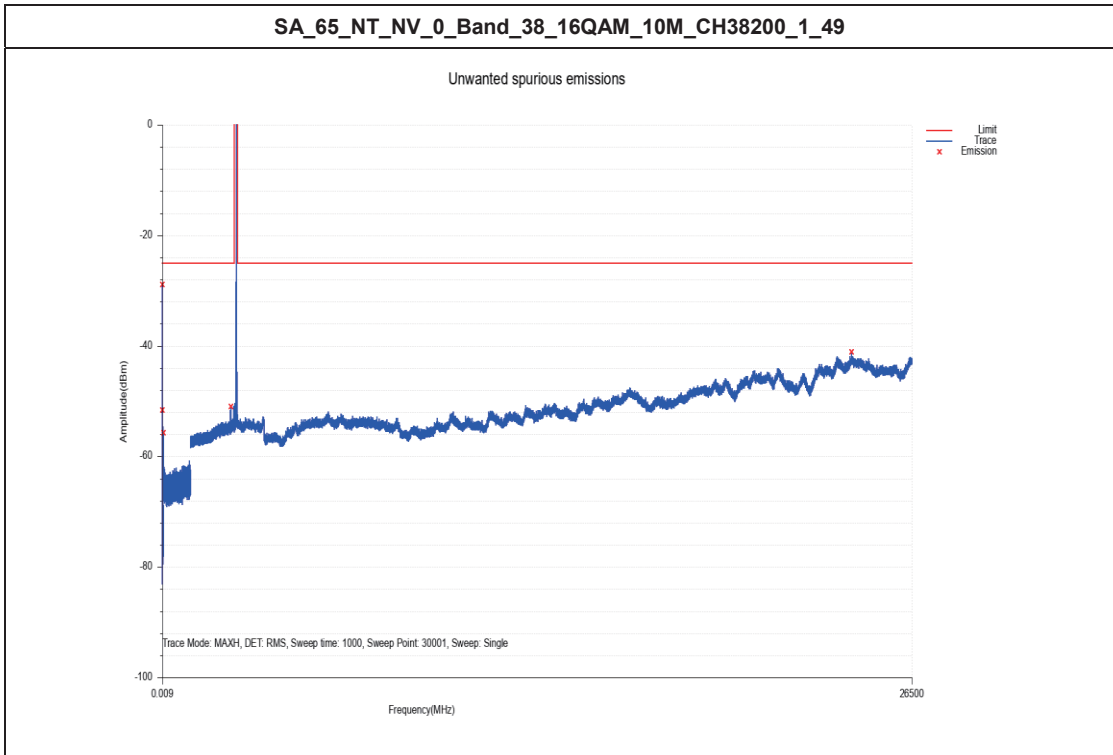
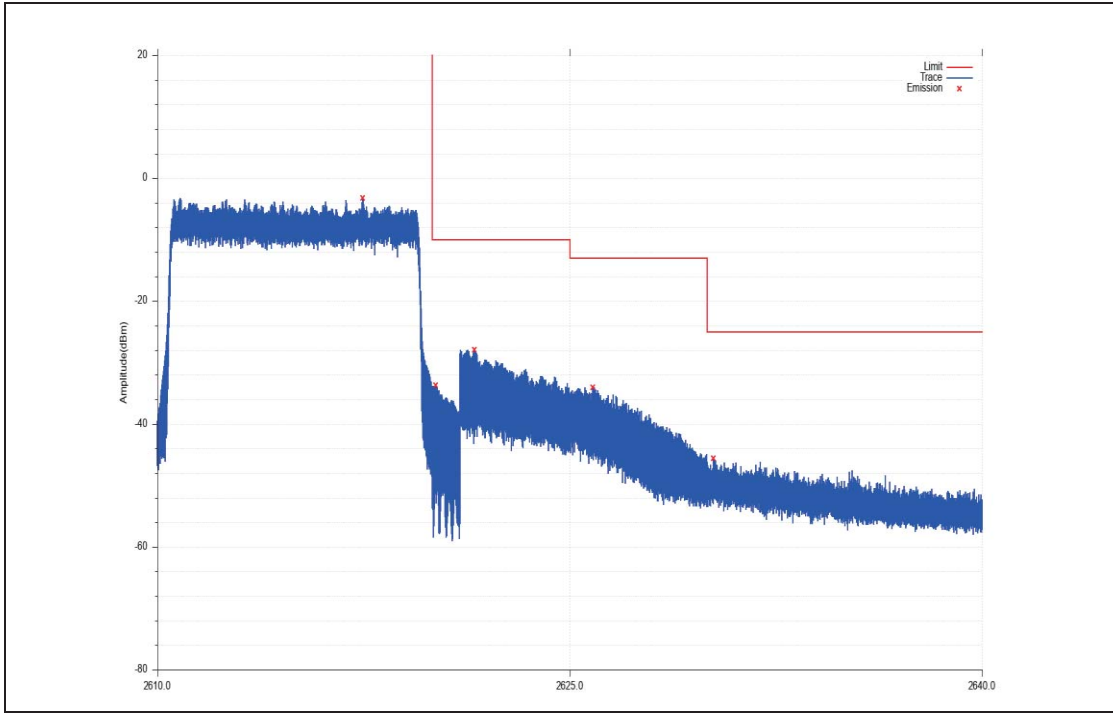




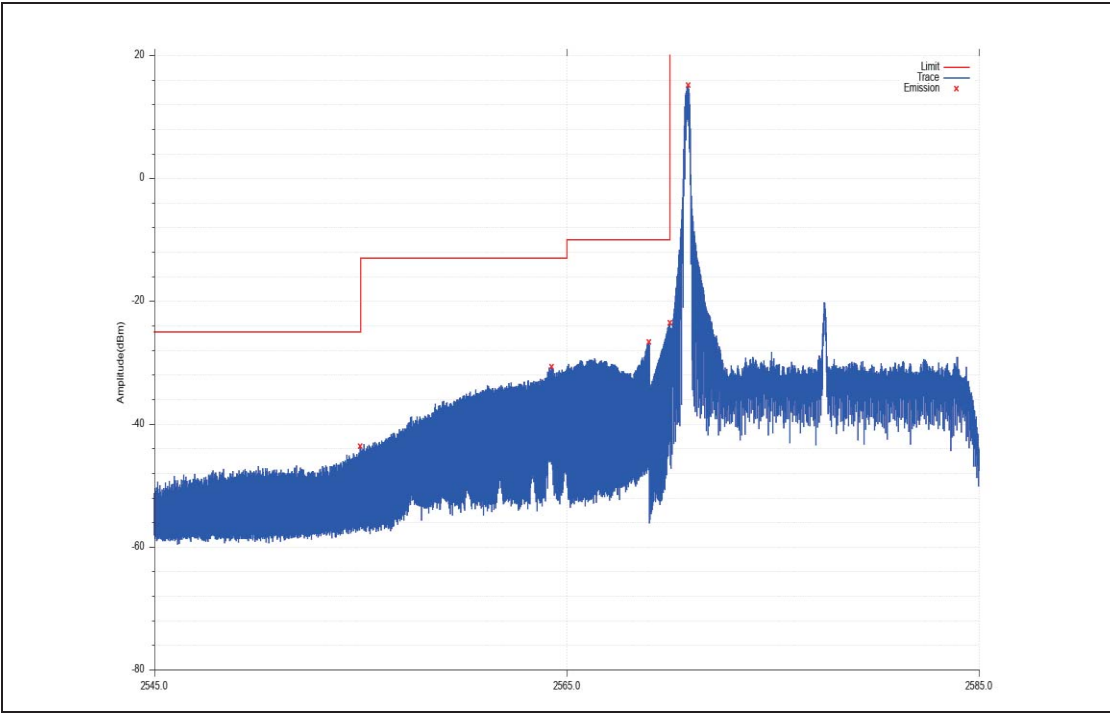
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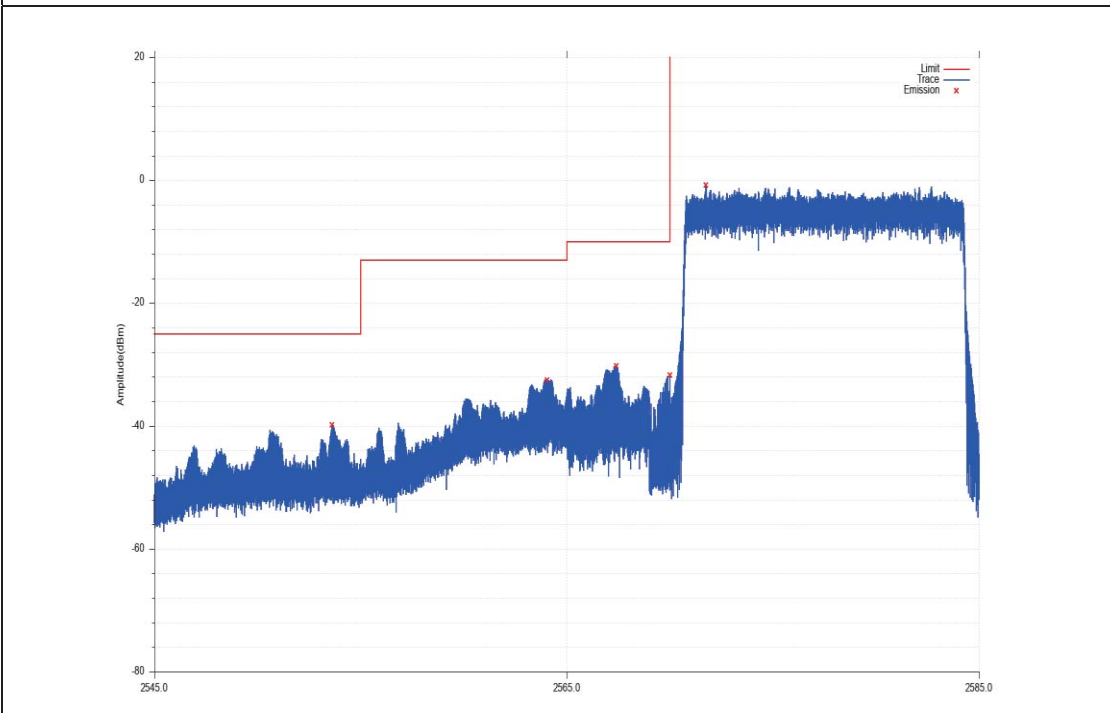




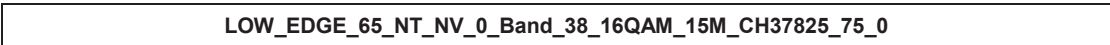
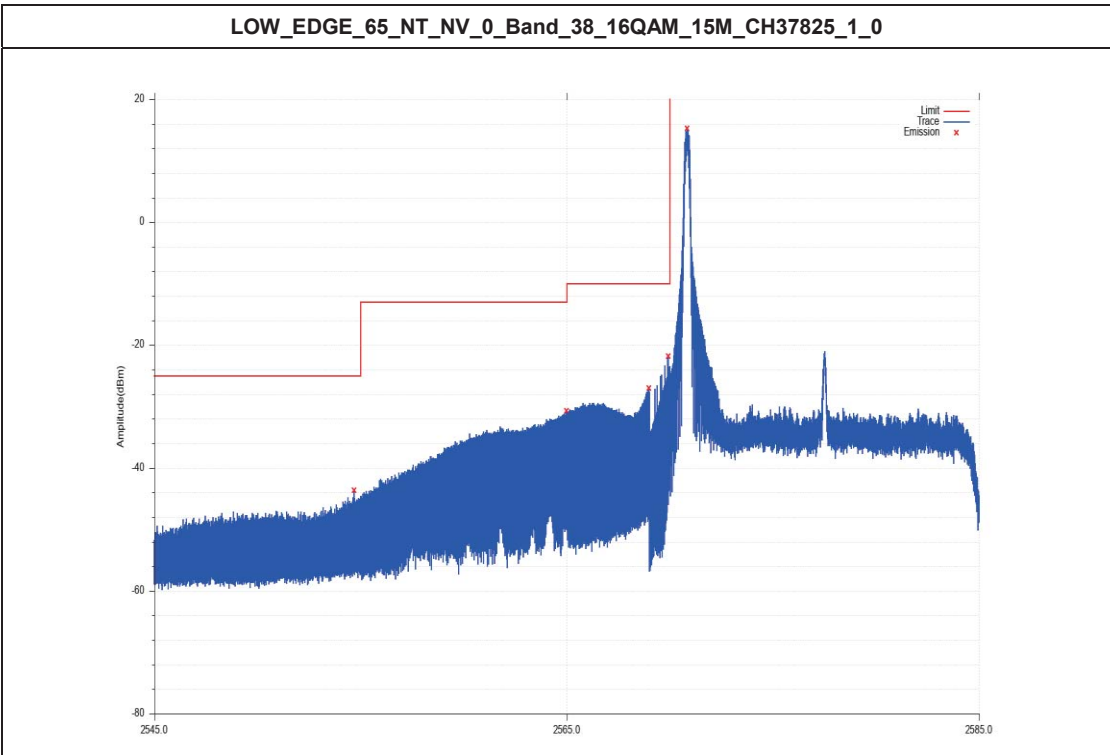
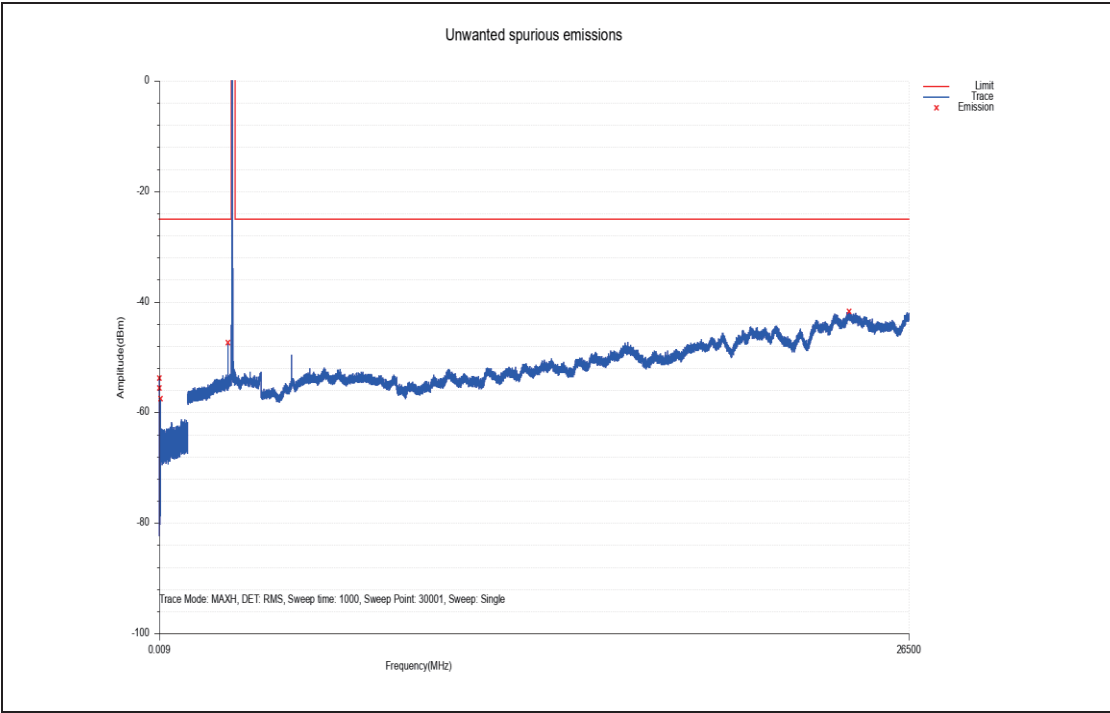
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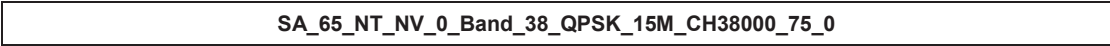
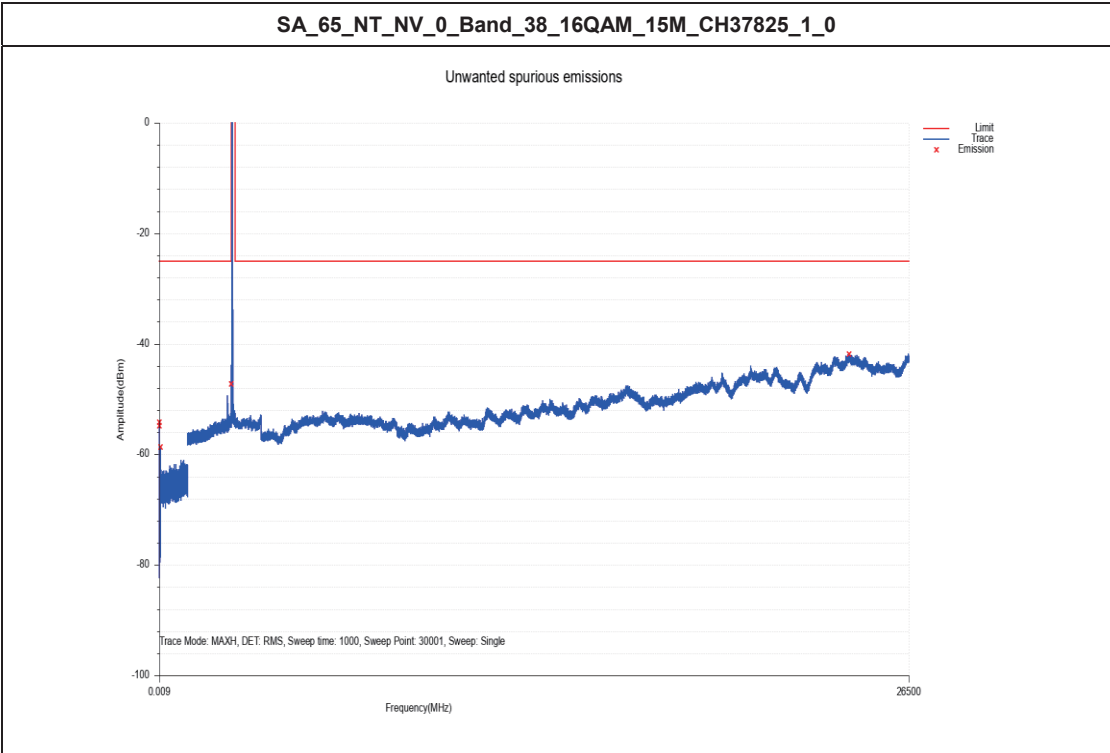
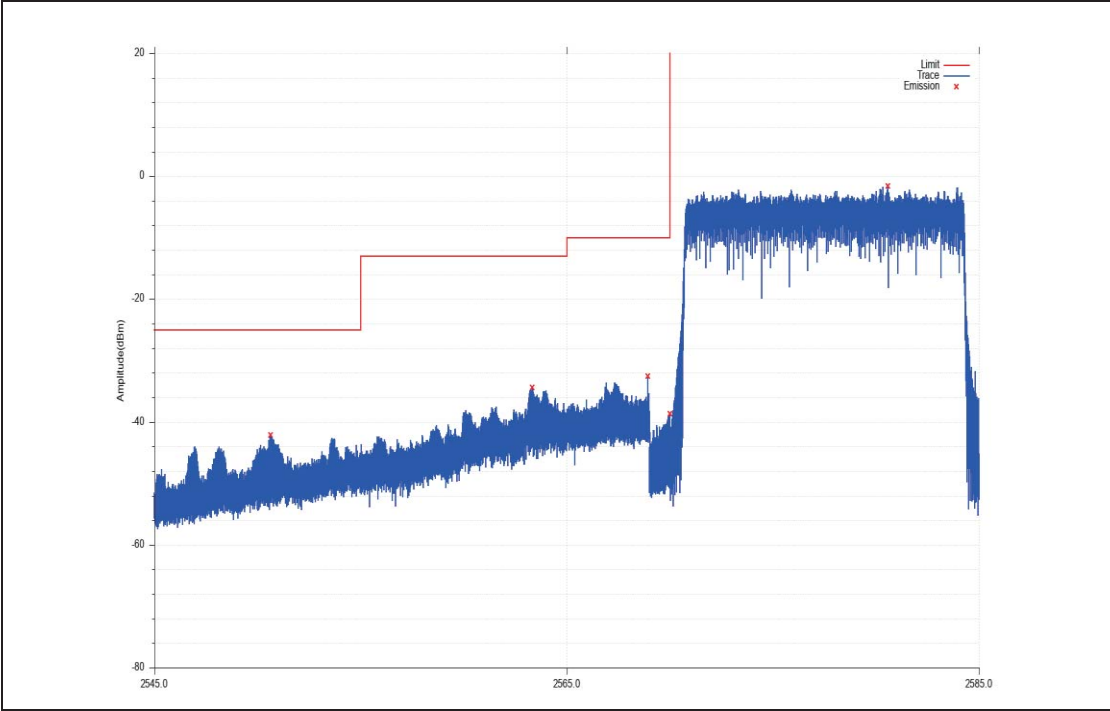


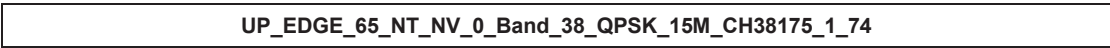
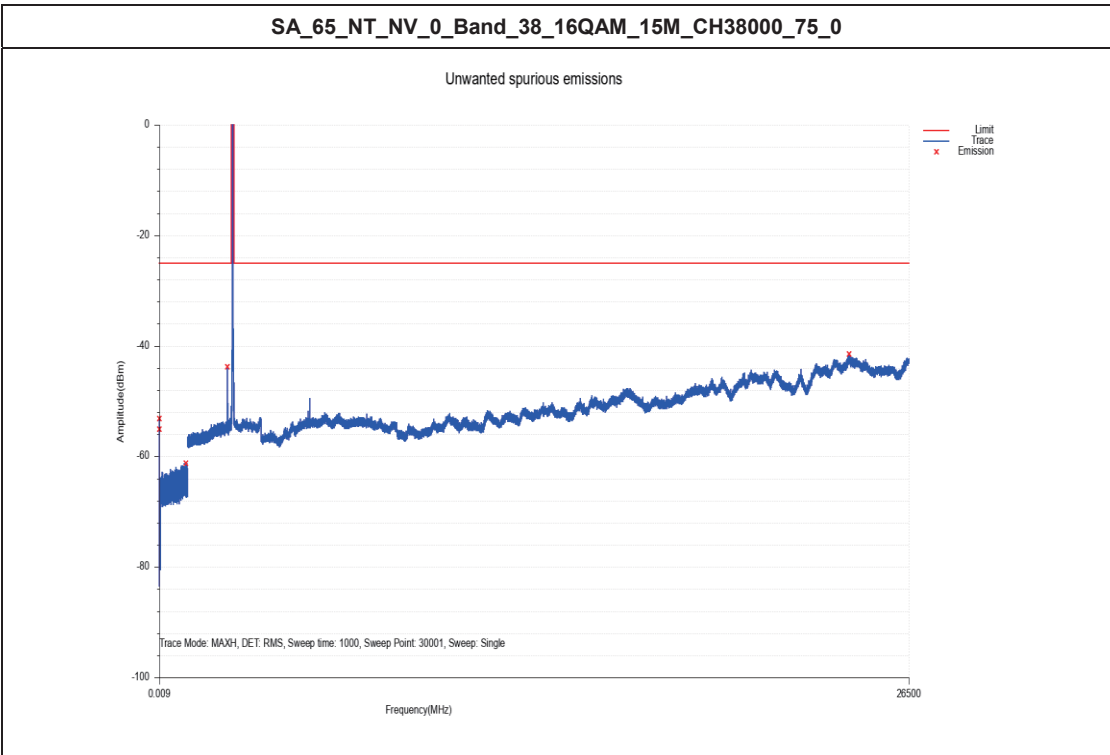
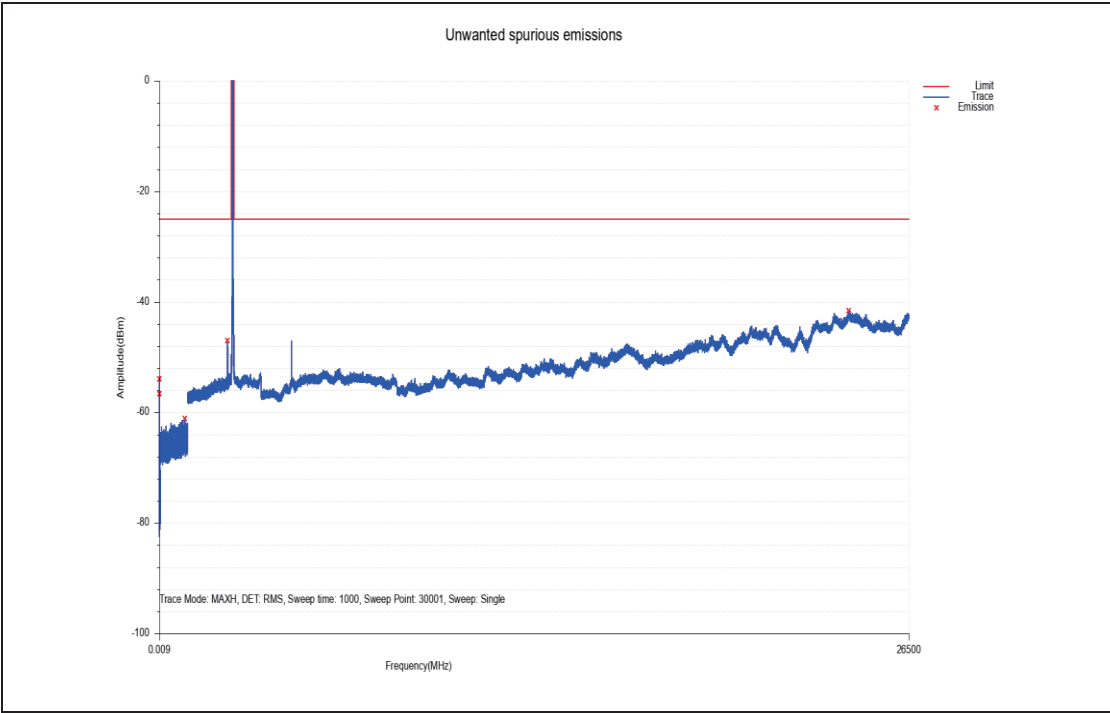
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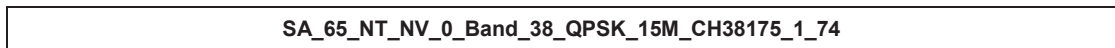
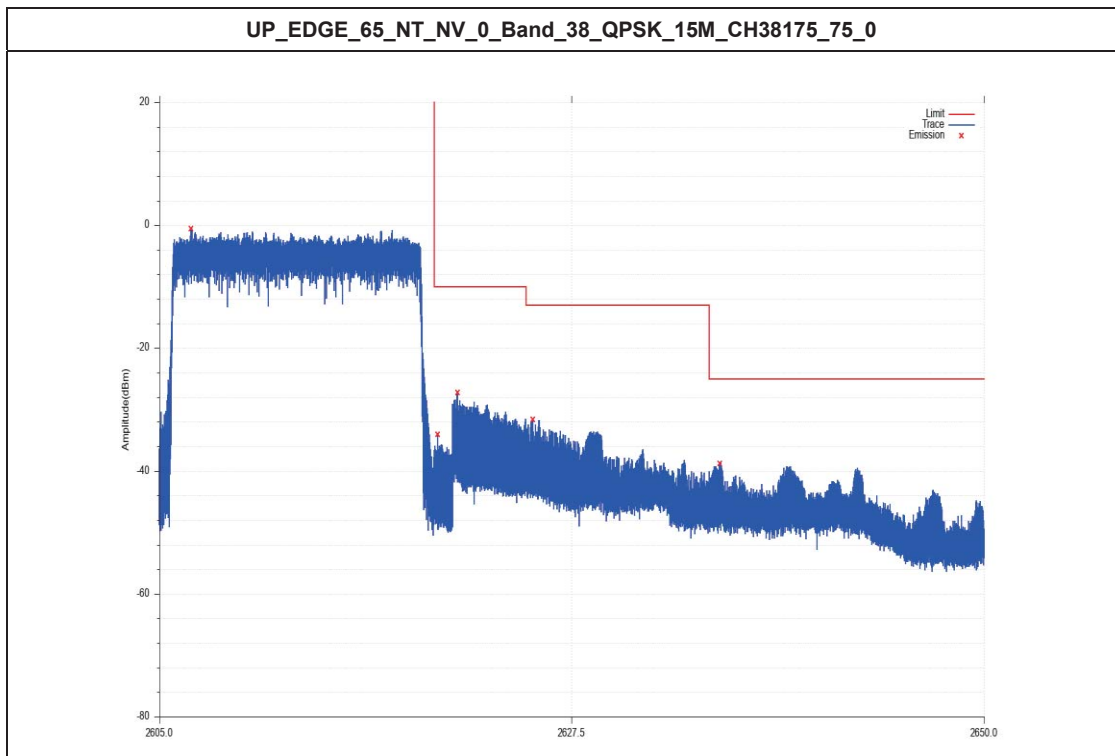
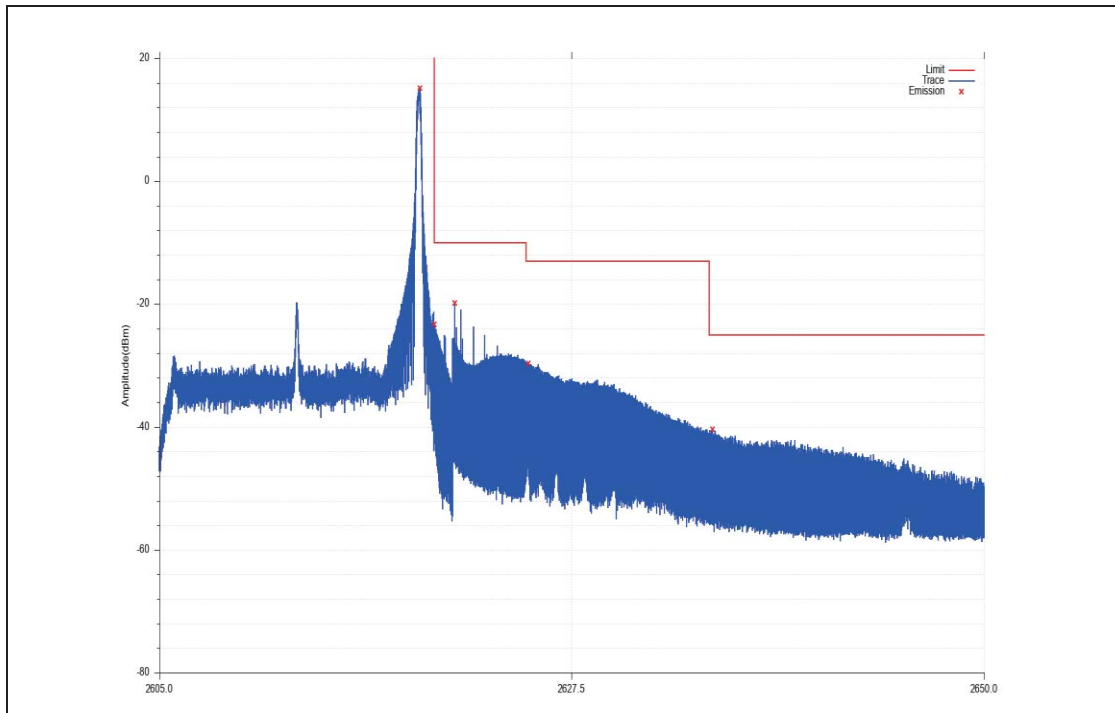


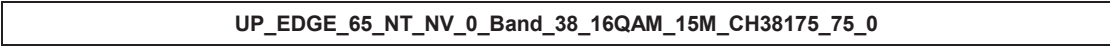
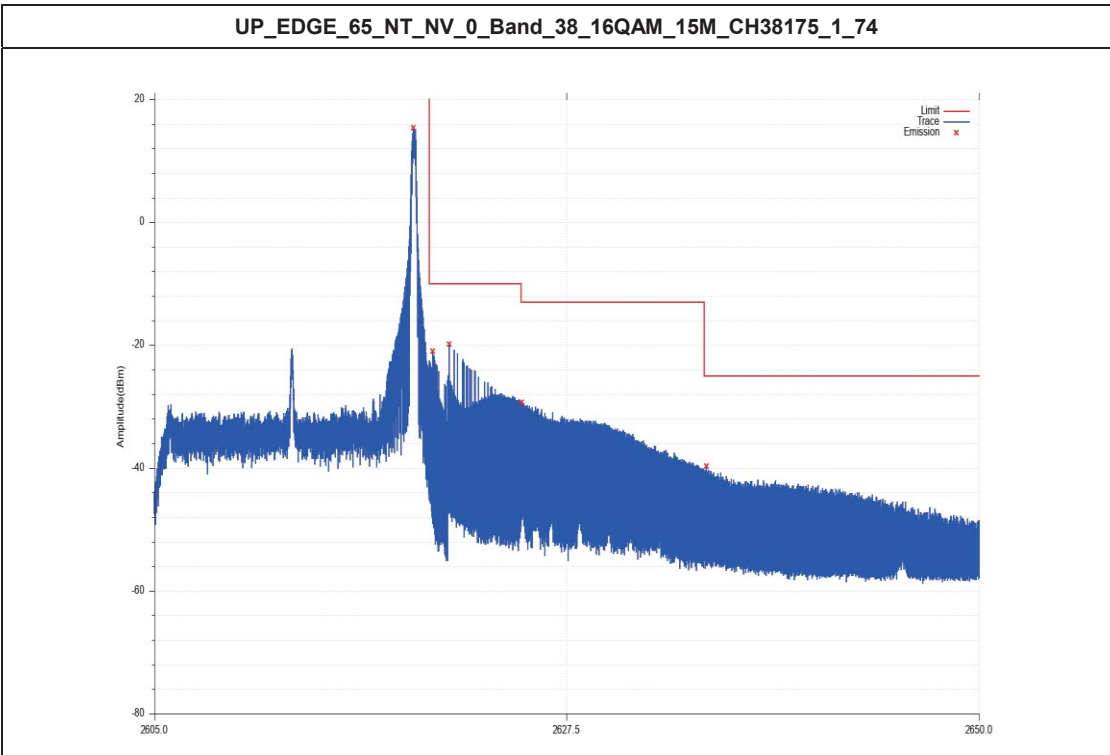
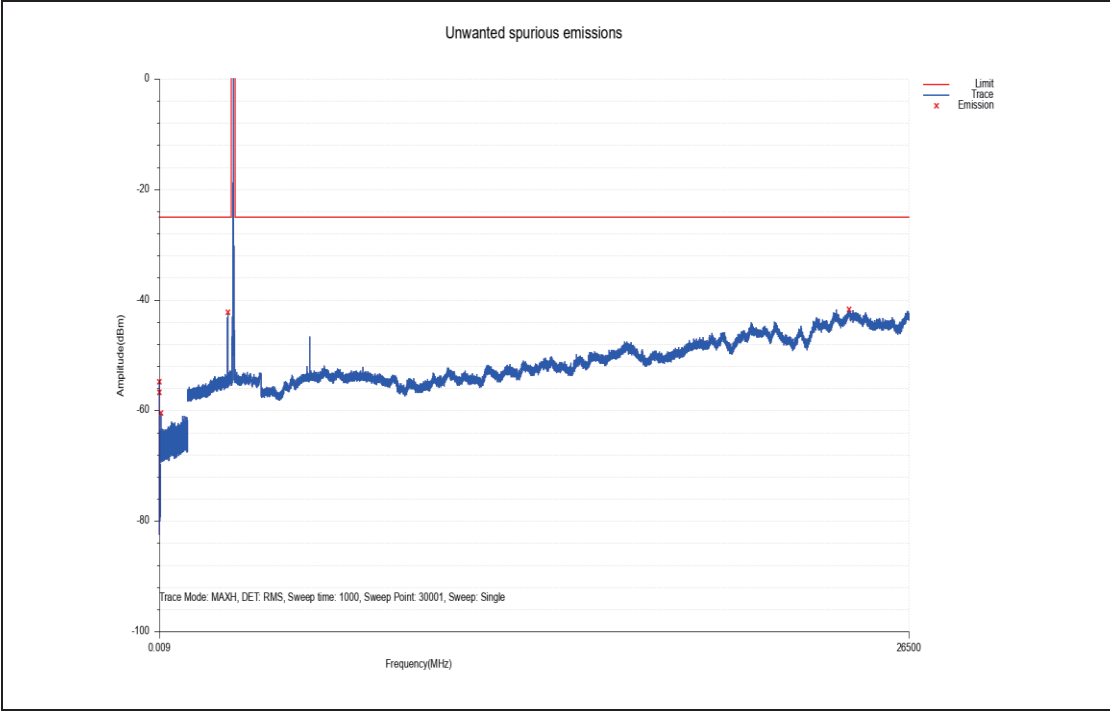
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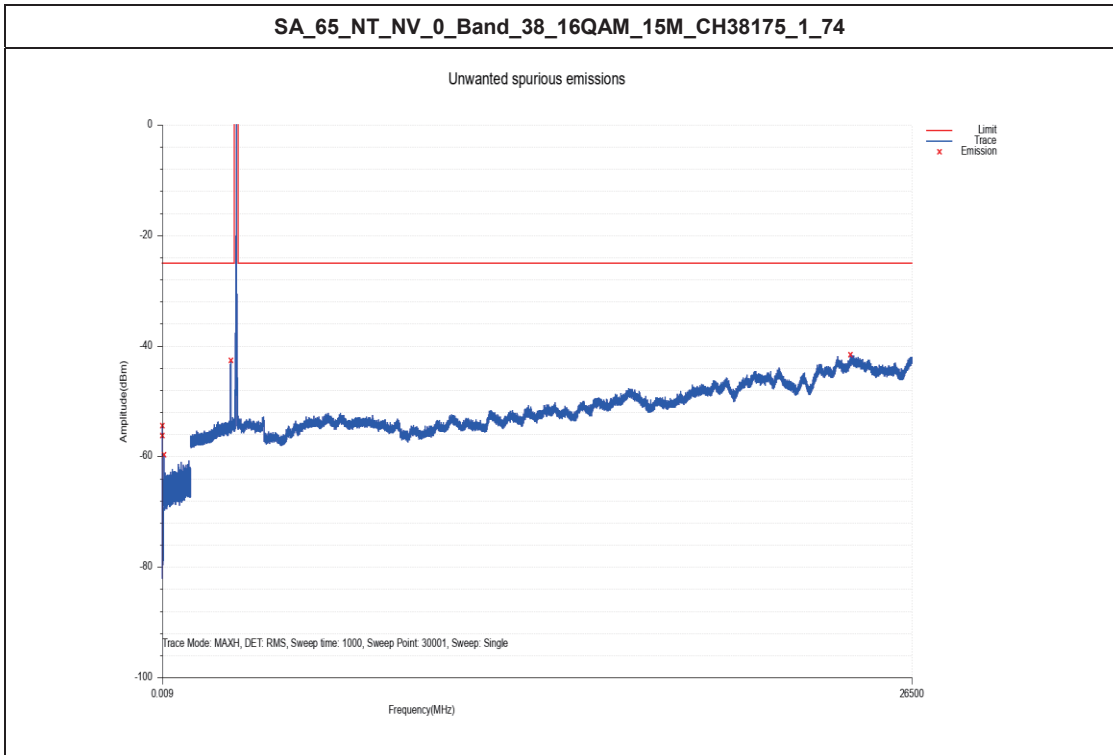
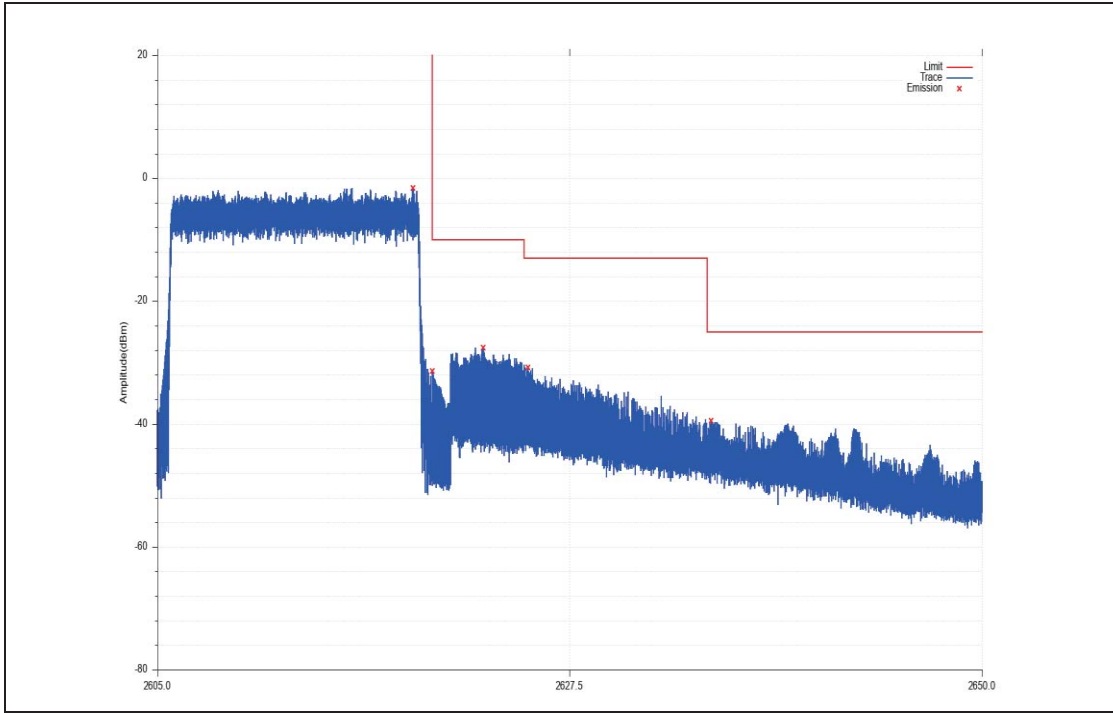




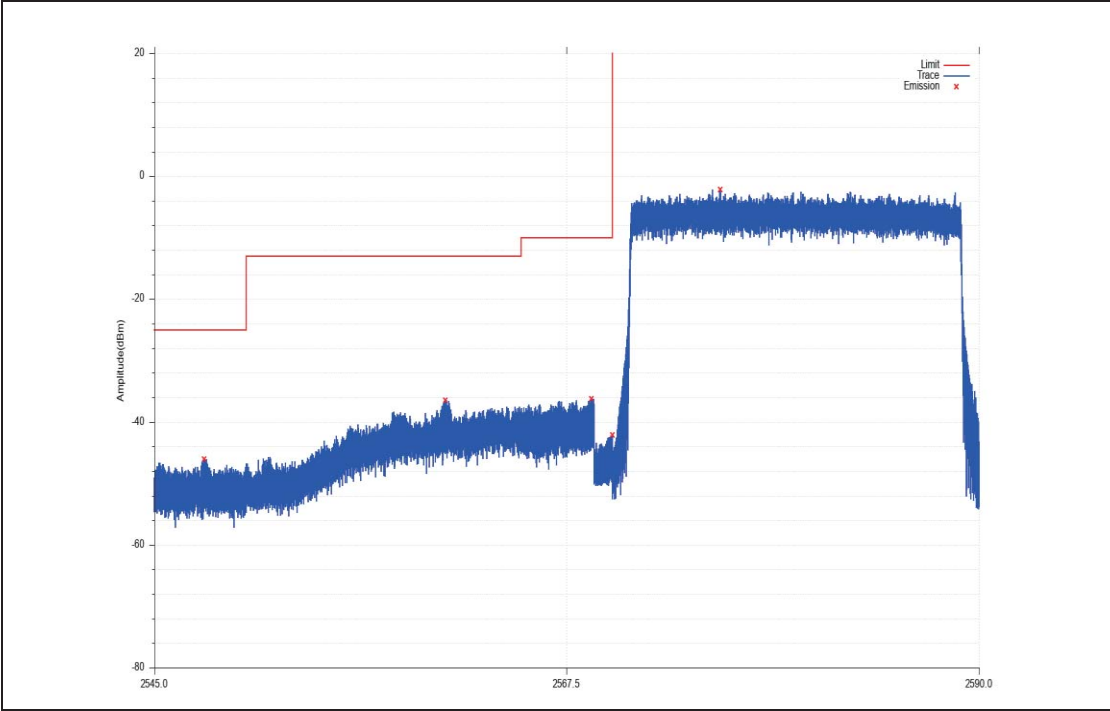




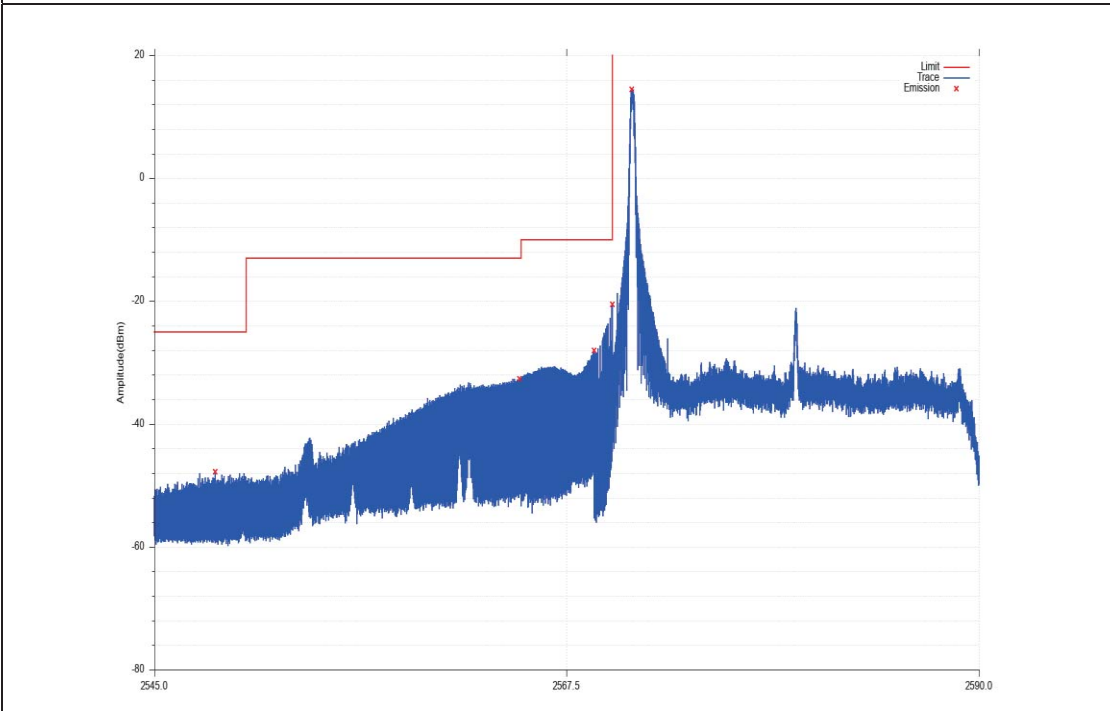




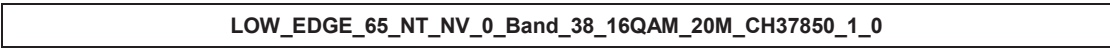
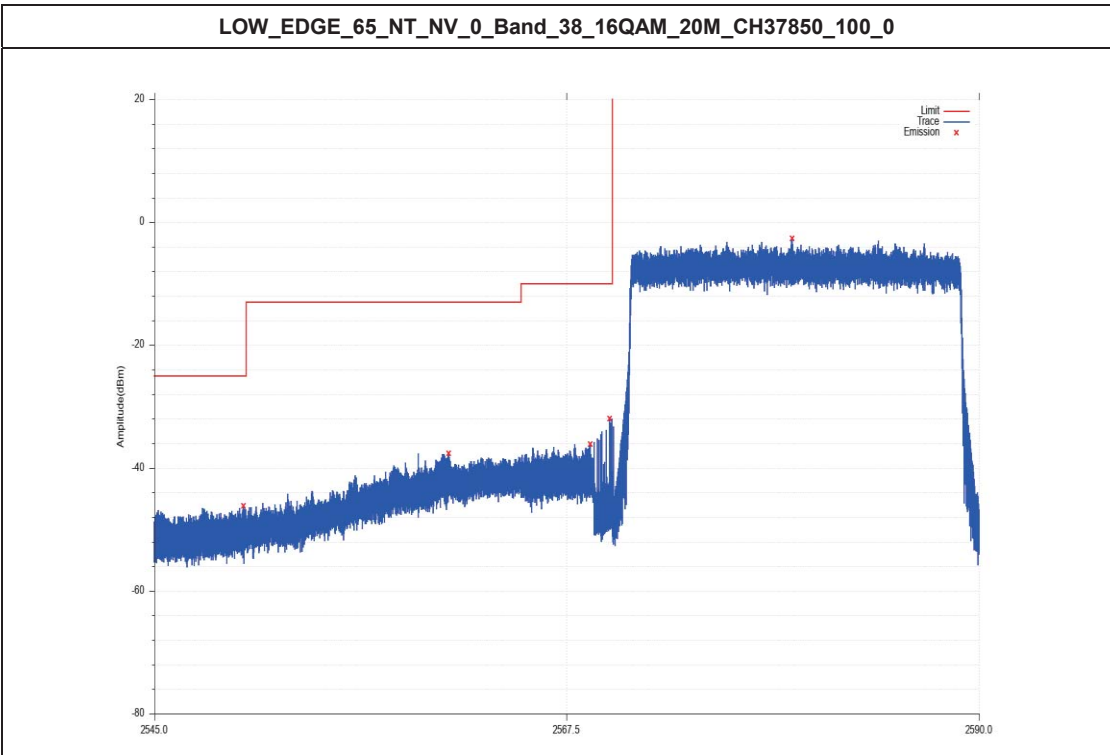
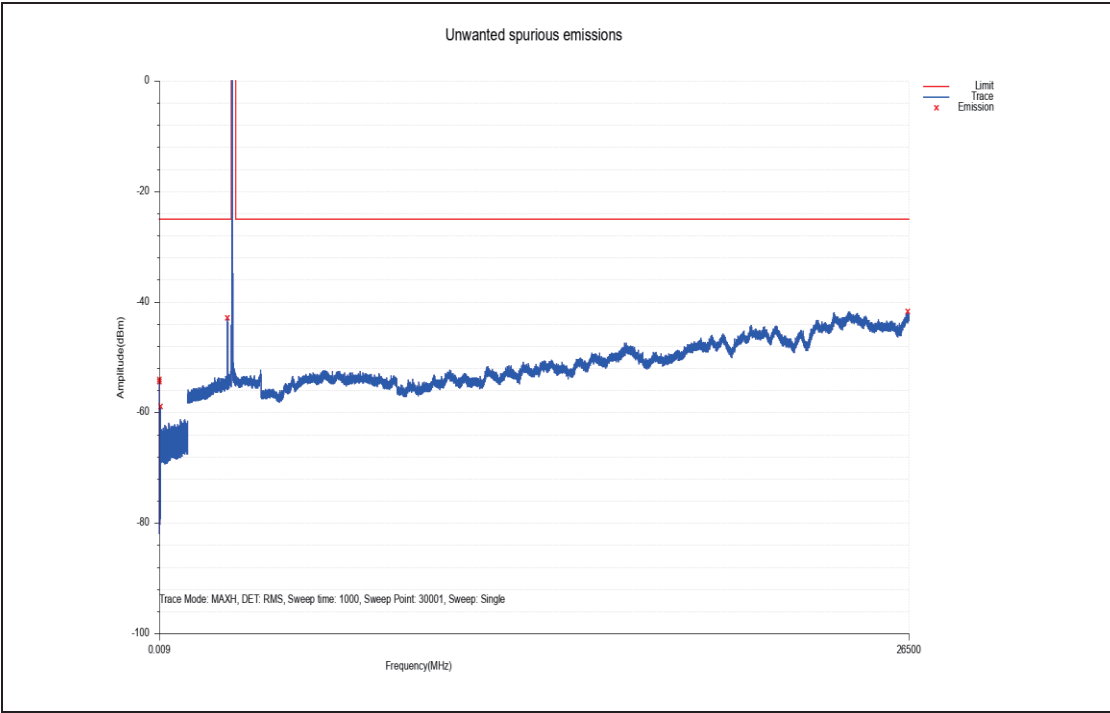
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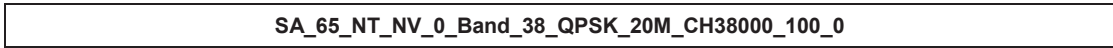
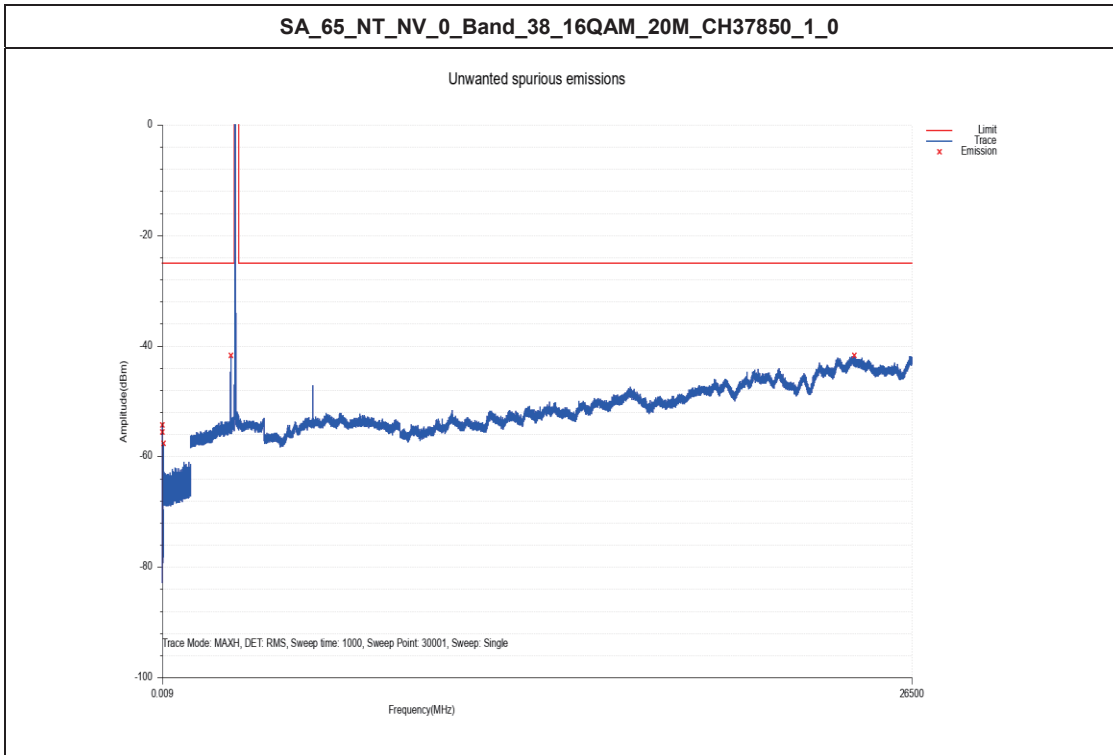
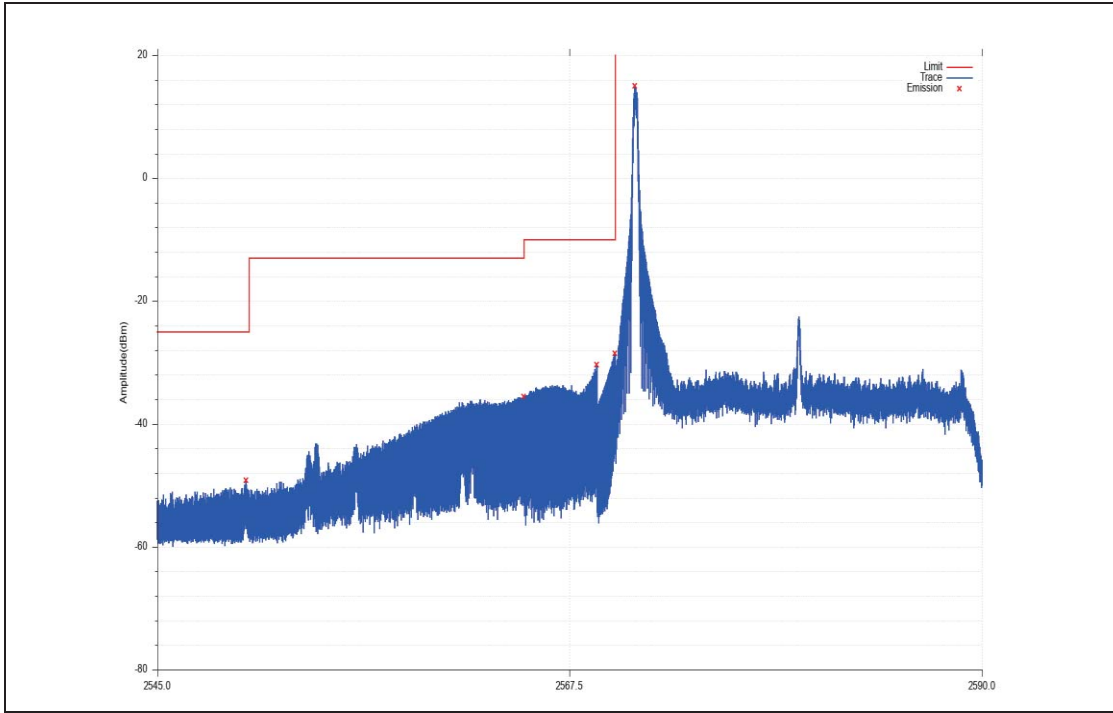


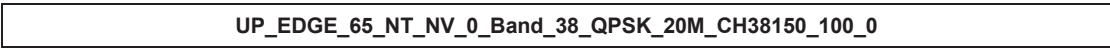
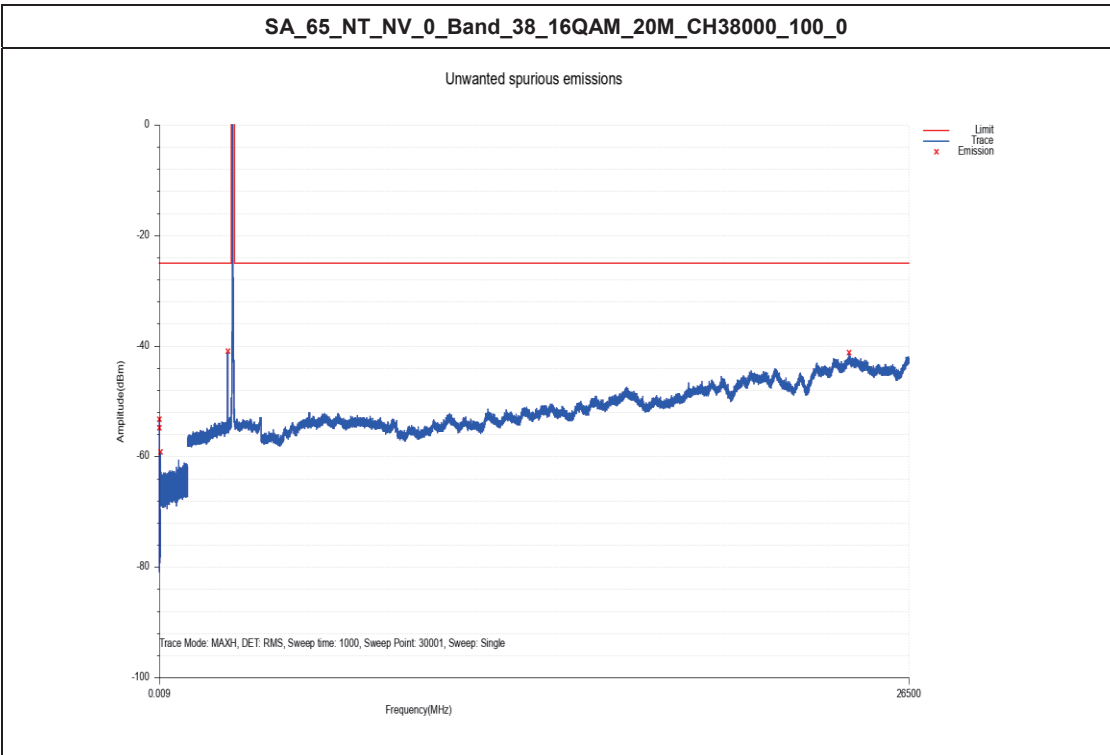
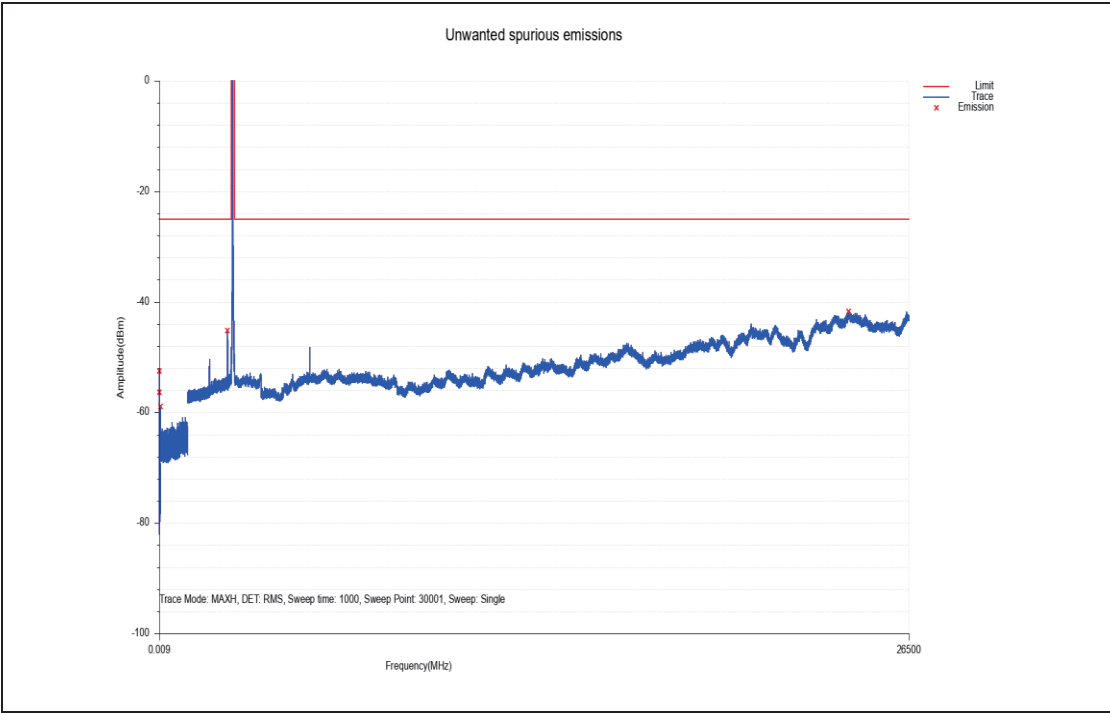
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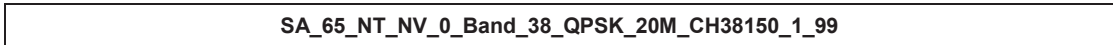
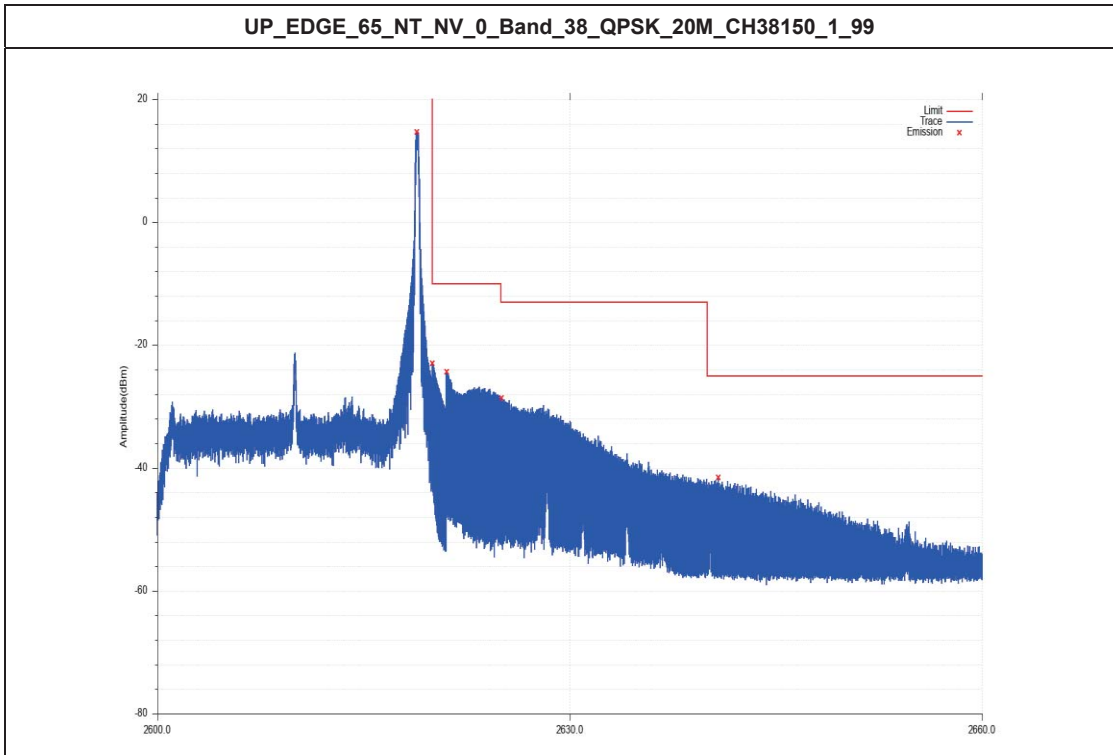
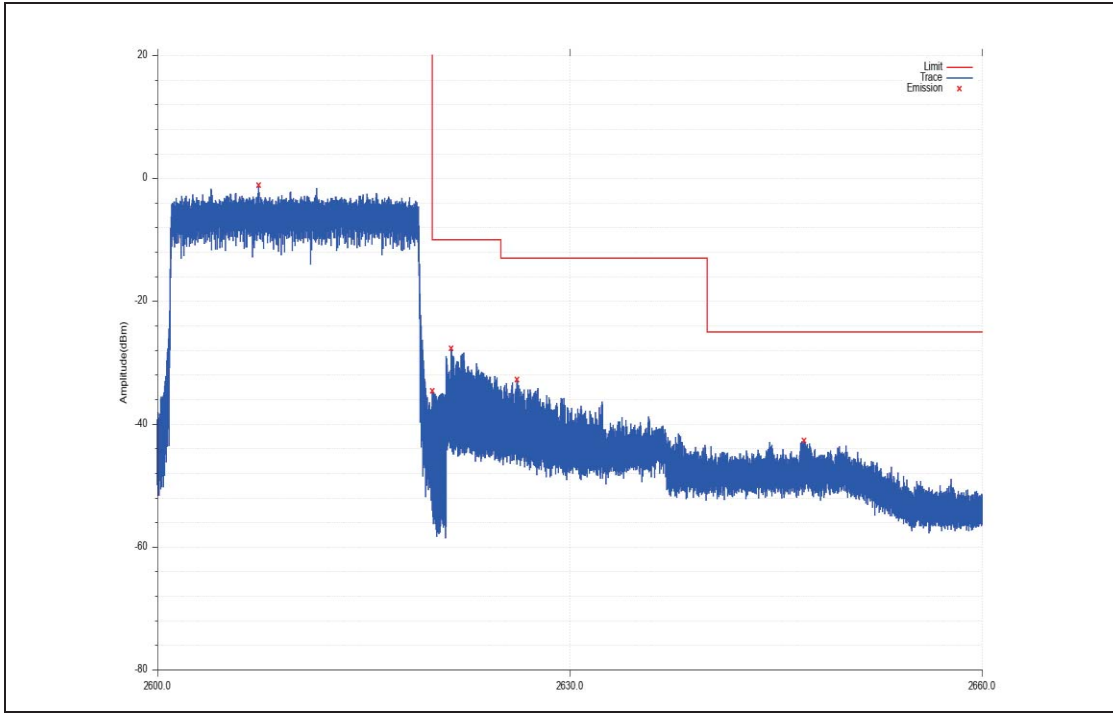


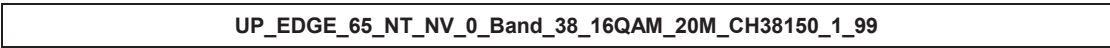
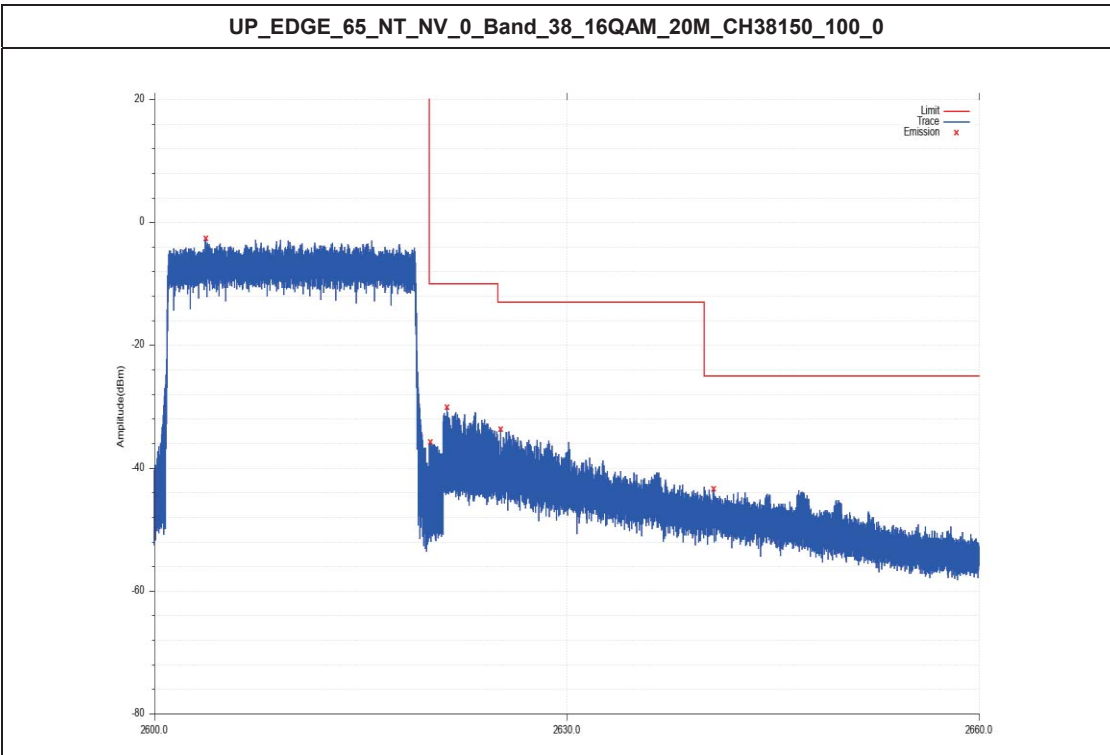
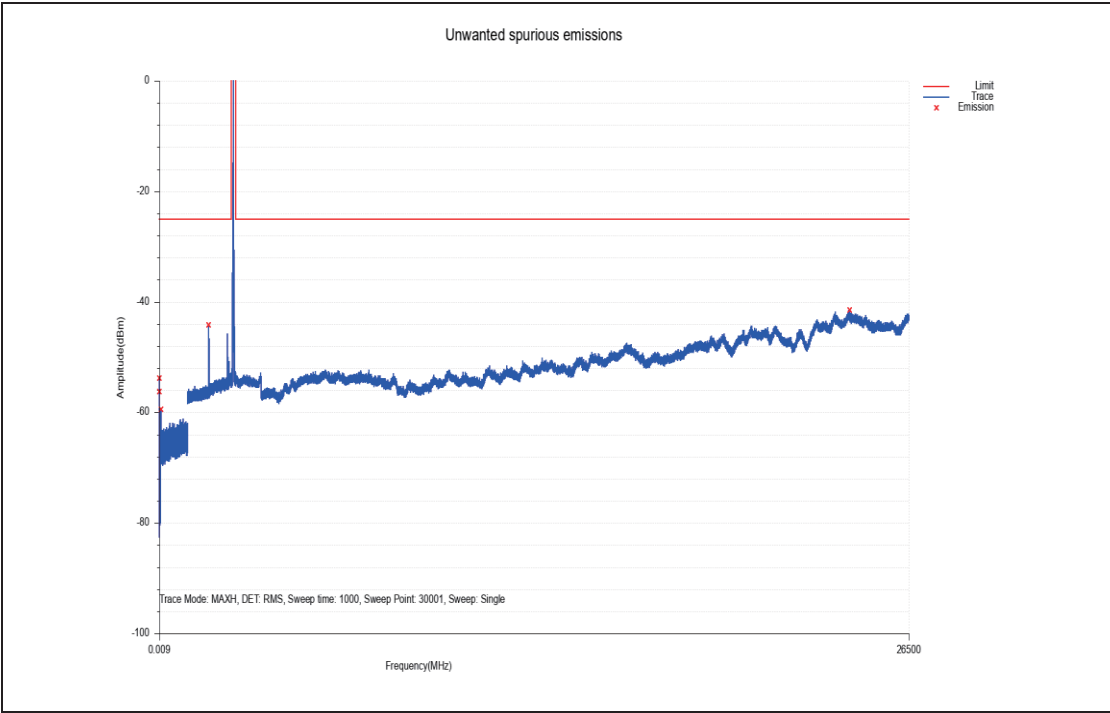
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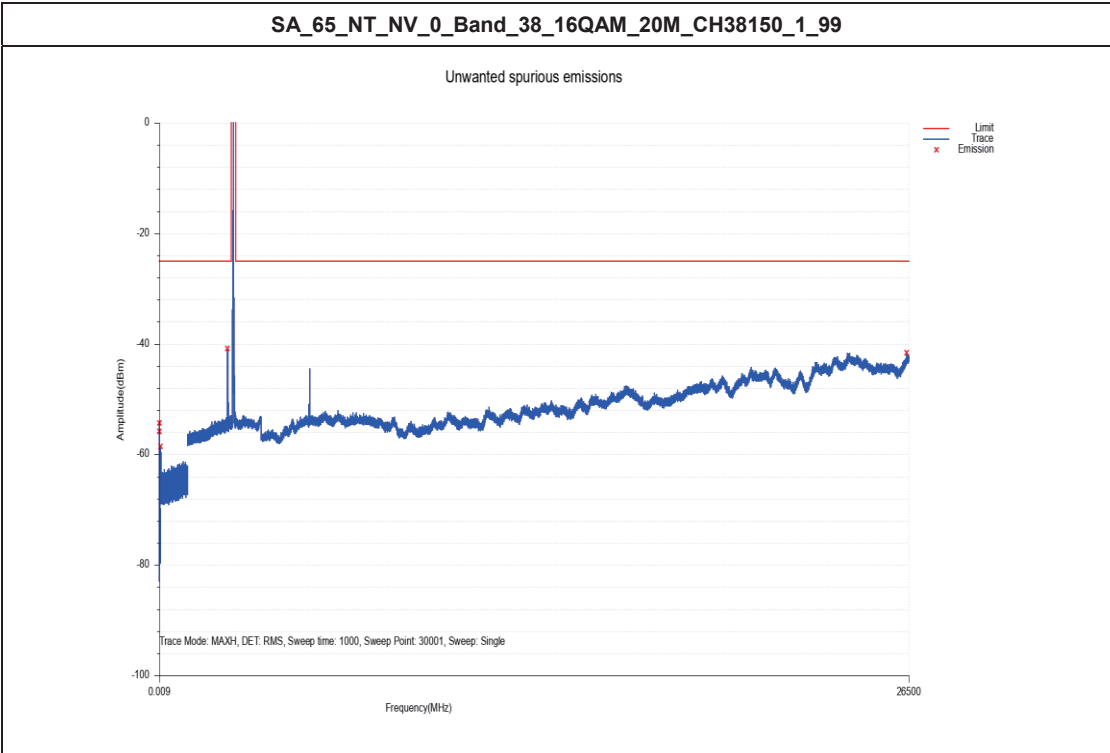
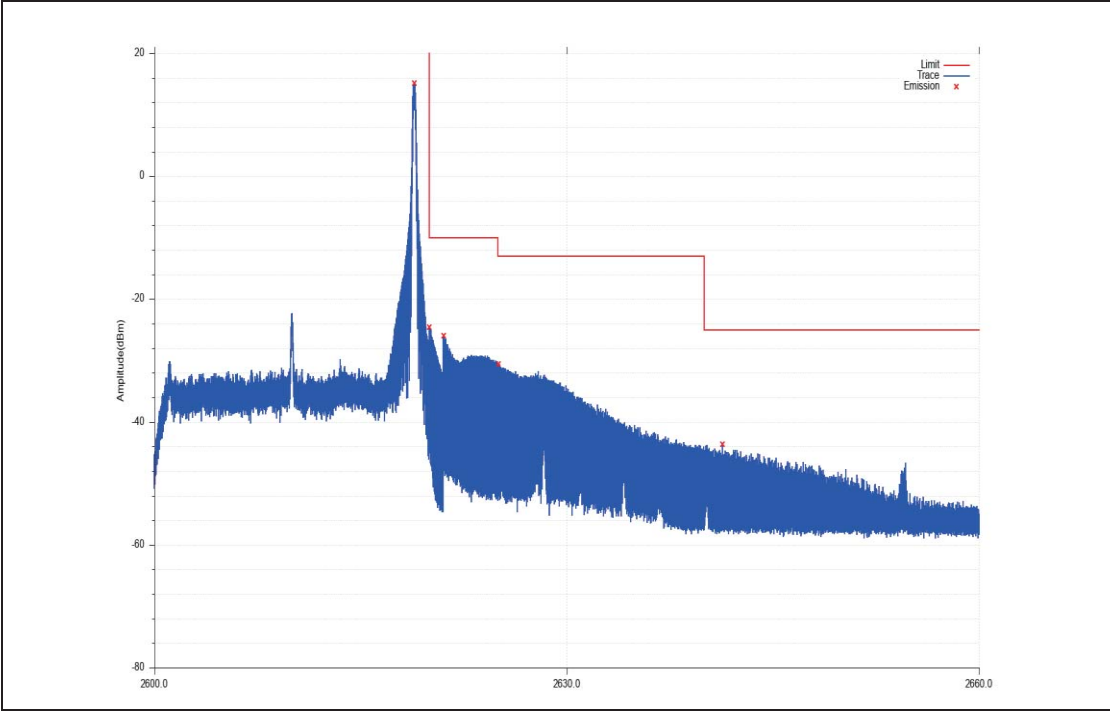












5. Frequency Stability

Test Result

Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	VL	NT	0.00283	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VN	NT	0.01253	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	VH	NT	0.02476	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VL	NT	-0.01816	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VN	NT	-0.02691	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	VH	NT	-0.01517	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VL	NT	-0.03215	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VN	NT	-0.01334	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	VH	NT	0.03414	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VL	NT	-0.03565	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VN	NT	0.02150	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	VH	NT	-0.01607	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VL	NT	-0.04280	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VN	NT	0.01196	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	VH	NT	-0.04472	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VL	NT	0.02499	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VN	NT	-0.04383	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	VH	NT	-0.02668	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VL	NT	0.04131	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VN	NT	0.04559	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	VH	NT	-0.02313	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VL	NT	-0.03572	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VN	NT	-0.04109	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	VH	NT	0.04502	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VL	NT	-0.02922	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VN	NT	-0.04501	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	VH	NT	0.00722	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VL	NT	0.02183	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VN	NT	-0.01394	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	VH	NT	-0.02977	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VL	NT	-0.01927	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VN	NT	0.01230	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	VH	NT	0.03037	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VL	NT	-0.03041	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VN	NT	-0.00926	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	VH	NT	0.02270	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VL	NT	0.03920	±2.5	PASS

Band38	15MHz	QPSK	37825	75RB#0	VN	NT	-0.00995	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	VH	NT	0.04202	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VL	NT	-0.04522	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VN	NT	0.04787	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	VH	NT	-0.01065	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VL	NT	0.03558	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VN	NT	0.01021	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	VH	NT	-0.01121	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VL	NT	0.03093	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VN	NT	0.04428	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	VH	NT	0.04648	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VL	NT	-0.03159	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VN	NT	-0.03431	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	VH	NT	-0.00137	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VL	NT	0.03476	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VN	NT	0.03602	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	VH	NT	0.04040	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	-0.01455	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-0.03818	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	0.01944	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-0.00252	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-0.00278	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	0.03814	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	0.04831	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	0.00279	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	0.00131	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	0.01880	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	0.03010	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	0.00667	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-0.00526	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-0.00819	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	0.03466	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	0.03935	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	0.00078	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-0.04465	±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	-0.01968	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-20	-0.03966	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	-10	0.02968	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	0	-0.01479	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	10	-0.00631	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	20	0.00003	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	30	-0.04505	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	40	-0.00015	±2.5	PASS
Band38	5MHz	QPSK	37775	25RB#0	NV	50	-0.01475	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-30	0.02663	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-20	0.04142	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	-10	-0.00727	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	0	0.02971	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	10	-0.02846	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	20	0.03829	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	30	-0.02756	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	40	0.03806	±2.5	PASS
Band38	5MHz	16QAM	37775	25RB#0	NV	50	0.04020	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-30	0.03139	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-20	0.01336	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	-10	0.04134	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	0	-0.02424	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	10	0.03266	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	20	0.04122	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	30	-0.02588	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	40	-0.00756	±2.5	PASS
Band38	5MHz	QPSK	38000	25RB#0	NV	50	0.00281	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-30	-0.04287	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-20	0.02293	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	-10	-0.01200	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	0	-0.02871	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	10	0.03144	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	20	-0.03006	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	30	0.03044	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	40	0.01452	±2.5	PASS
Band38	5MHz	16QAM	38000	25RB#0	NV	50	-0.02461	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-30	-0.02025	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-20	0.04839	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	-10	-0.04725	±2.5	PASS

Band38	5MHz	QPSK	38225	25RB#0	NV	0	-0.03642	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	10	-0.00505	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	20	-0.04401	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	30	0.02022	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	40	-0.01549	±2.5	PASS
Band38	5MHz	QPSK	38225	25RB#0	NV	50	-0.02217	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-30	-0.03871	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-20	-0.01413	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	-10	0.00828	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	0	-0.04603	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	10	-0.02423	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	20	-0.03541	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	30	0.00556	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	40	0.01978	±2.5	PASS
Band38	5MHz	16QAM	38225	25RB#0	NV	50	0.03733	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-30	0.04354	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-20	0.02339	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	-10	0.03222	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	0	0.00031	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	10	0.04056	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	20	0.02651	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	30	-0.02850	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	40	-0.02195	±2.5	PASS
Band38	10MHz	QPSK	37800	50RB#0	NV	50	0.03387	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-30	0.02176	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-20	0.01213	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	-10	-0.02412	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	0	-0.02008	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	10	-0.01721	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	20	-0.03221	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	30	-0.01947	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	40	-0.04005	±2.5	PASS
Band38	10MHz	16QAM	37800	50RB#0	NV	50	-0.04844	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-30	-0.00665	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-20	0.03772	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	-10	-0.03571	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	0	-0.00976	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	10	-0.04270	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	20	0.04842	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	30	-0.01462	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	40	0.04448	±2.5	PASS
Band38	10MHz	QPSK	38000	50RB#0	NV	50	-0.02402	±2.5	PASS

Band38	10MHz	16QAM	38000	50RB#0	NV	-30	0.04800	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-20	0.04839	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	-10	-0.03209	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	0	0.01599	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	10	0.03747	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	20	-0.02795	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	30	-0.03439	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	40	-0.03262	±2.5	PASS
Band38	10MHz	16QAM	38000	50RB#0	NV	50	0.04799	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-30	-0.00267	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-20	-0.04256	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	-10	0.04035	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	0	-0.03009	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	10	-0.00143	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	20	-0.01789	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	30	0.01724	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	40	0.01534	±2.5	PASS
Band38	10MHz	QPSK	38200	50RB#0	NV	50	-0.03832	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-30	0.02195	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-20	-0.04916	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	-10	-0.04011	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	0	-0.02989	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	10	-0.04982	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	20	-0.00042	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	30	-0.03638	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	40	0.00452	±2.5	PASS
Band38	10MHz	16QAM	38200	50RB#0	NV	50	0.03334	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-30	0.01938	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-20	-0.01735	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	-10	-0.04241	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	0	0.00092	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	10	-0.00592	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	20	-0.02490	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	30	-0.01639	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	40	-0.01706	±2.5	PASS
Band38	15MHz	QPSK	37825	75RB#0	NV	50	-0.01039	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-30	0.04158	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-20	0.03753	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	-10	-0.04437	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	0	-0.02229	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	10	-0.04361	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	20	-0.02618	±2.5	PASS

Band38	15MHz	16QAM	37825	75RB#0	NV	30	-0.00577	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	40	-0.00969	±2.5	PASS
Band38	15MHz	16QAM	37825	75RB#0	NV	50	-0.00508	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-30	0.04518	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-20	-0.02825	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	-10	0.01367	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	0	0.03591	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	10	0.04542	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	20	0.04245	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	30	0.03049	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	40	0.03578	±2.5	PASS
Band38	15MHz	QPSK	38000	75RB#0	NV	50	0.02705	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-30	0.03460	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-20	-0.00397	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	-10	0.00960	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	0	0.01897	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	10	0.00350	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	20	0.00270	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	30	0.02737	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	40	-0.01927	±2.5	PASS
Band38	15MHz	16QAM	38000	75RB#0	NV	50	-0.04837	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-30	-0.01232	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-20	-0.02042	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	-10	-0.00730	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	0	0.02953	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	10	-0.01272	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	20	-0.04602	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	30	-0.02069	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	40	0.01366	±2.5	PASS
Band38	15MHz	QPSK	38175	75RB#0	NV	50	0.02190	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-30	0.01413	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-20	0.01734	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	-10	0.03329	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	0	-0.04743	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	10	-0.04071	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	20	0.00759	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	30	0.04970	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	40	-0.01555	±2.5	PASS
Band38	15MHz	16QAM	38175	75RB#0	NV	50	-0.04056	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-0.01801	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	0.03932	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	-0.04514	±2.5	PASS

Band38	20MHz	QPSK	37850	100RB#0	NV	0	0.00840	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	0.04049	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-0.01970	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-0.02154	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-0.01693	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-0.02529	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-0.02308	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-0.02727	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-10	0.02194	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	0.02256	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	0.03902	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-0.03554	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	-0.01144	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	0.00623	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	-0.04370	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	0.02336	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-0.01164	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	0.02576	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-0.00759	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-0.00182	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-0.04463	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	0.01118	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	0.03382	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-0.04186	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	0.00900	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-0.04039	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-10	-0.00867	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	-0.04668	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	0.00310	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	0.01005	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	0.01923	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	0.04965	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-0.00275	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	0.02148	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-0.00341	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	-0.00754	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	0.04757	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-0.00509	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	0.03277	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-0.01096	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-0.00072	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-0.03596	±2.5	PASS

Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-0.01941	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	0.00852	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-10	-0.04849	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	-0.04614	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	0.04750	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	0.02637	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	-0.01142	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	0.04816	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	-0.02697	±2.5	PASS