

LTE Band 7 Test Data

FCC ID: 2BOAQ-KXZ-006

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FCC LTE FDD 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
Band7	5MHz	QPSK	20775	1RB#0	22.40	-0.5	21.90	33.01	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.07	-0.5	21.57	33.01	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.06	-0.5	21.56	33.01	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.62	-0.5	22.12	33.01	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.73	-0.5	22.23	33.01	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.09	-0.5	21.59	33.01	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.40	-0.5	21.90	33.01	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.14	-0.5	22.64	33.01	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.30	-0.5	21.80	33.01	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.48	-0.5	21.98	33.01	PASS
Band7	5MHz	QPSK	21100	12RB#0	22.74	-0.5	22.24	33.01	PASS
Band7	5MHz	QPSK	21100	12RB#6	22.40	-0.5	21.90	33.01	PASS
Band7	5MHz	QPSK	21100	12RB#13	23.04	-0.5	22.54	33.01	PASS
Band7	5MHz	QPSK	21100	25RB#0	23.27	-0.5	22.77	33.01	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.85	-0.5	22.35	33.01	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.00	-0.5	22.50	33.01	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.20	-0.5	21.70	33.01	PASS
Band7	5MHz	QPSK	21425	12RB#0	22.59	-0.5	22.09	33.01	PASS
Band7	5MHz	QPSK	21425	12RB#6	22.88	-0.5	22.38	33.01	PASS
Band7	5MHz	QPSK	21425	12RB#13	22.72	-0.5	22.22	33.01	PASS
Band7	5MHz	QPSK	21425	25RB#0	23.05	-0.5	22.55	33.01	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.40	-0.5	21.90	33.01	PASS
Band7	5MHz	16QAM	20775	1RB#12	23.06	-0.5	22.56	33.01	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.24	-0.5	21.74	33.01	PASS
Band7	5MHz	16QAM	20775	12RB#0	22.68	-0.5	22.18	33.01	PASS
Band7	5MHz	16QAM	20775	12RB#6	22.49	-0.5	21.99	33.01	PASS
Band7	5MHz	16QAM	20775	12RB#13	22.13	-0.5	21.63	33.01	PASS
Band7	5MHz	16QAM	20775	25RB#0	22.66	-0.5	22.16	33.01	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.67	-0.5	22.17	33.01	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.53	-0.5	22.03	33.01	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.52	-0.5	22.02	33.01	PASS
Band7	5MHz	16QAM	21100	12RB#0	22.20	-0.5	21.70	33.01	PASS

Band7	5MHz	16QAM	21100	12RB#6	22.28	-0.5	21.78	33.01	PASS
Band7	5MHz	16QAM	21100	12RB#13	22.67	-0.5	22.17	33.01	PASS
Band7	5MHz	16QAM	21100	25RB#0	22.16	-0.5	21.66	33.01	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.64	-0.5	22.14	33.01	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.95	-0.5	22.45	33.01	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.27	-0.5	21.77	33.01	PASS
Band7	5MHz	16QAM	21425	12RB#0	22.77	-0.5	22.27	33.01	PASS
Band7	5MHz	16QAM	21425	12RB#6	22.77	-0.5	22.27	33.01	PASS
Band7	5MHz	16QAM	21425	12RB#13	22.44	-0.5	21.94	33.01	PASS
Band7	5MHz	16QAM	21425	25RB#0	22.28	-0.5	21.78	33.01	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.85	-0.5	22.35	33.01	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.24	-0.5	22.74	33.01	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.20	-0.5	22.70	33.01	PASS
Band7	10MHz	QPSK	20800	25RB#0	22.78	-0.5	22.28	33.01	PASS
Band7	10MHz	QPSK	20800	25RB#12	23.26	-0.5	22.76	33.01	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.96	-0.5	22.46	33.01	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.65	-0.5	22.15	33.01	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.87	-0.5	22.37	33.01	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.38	-0.5	21.88	33.01	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.45	-0.5	21.95	33.01	PASS
Band7	10MHz	QPSK	21100	25RB#0	22.08	-0.5	21.58	33.01	PASS
Band7	10MHz	QPSK	21100	25RB#12	22.41	-0.5	21.91	33.01	PASS
Band7	10MHz	QPSK	21100	25RB#25	22.78	-0.5	22.28	33.01	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.17	-0.5	21.67	33.01	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.20	-0.5	21.70	33.01	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.15	-0.5	22.65	33.01	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.30	-0.5	21.80	33.01	PASS
Band7	10MHz	QPSK	21400	25RB#0	22.04	-0.5	21.54	33.01	PASS
Band7	10MHz	QPSK	21400	25RB#12	22.61	-0.5	22.11	33.01	PASS
Band7	10MHz	QPSK	21400	25RB#25	22.21	-0.5	21.71	33.01	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.24	-0.5	21.74	33.01	PASS
Band7	10MHz	16QAM	20800	1RB#0	23.13	-0.5	22.63	33.01	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.30	-0.5	21.80	33.01	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.68	-0.5	22.18	33.01	PASS
Band7	10MHz	16QAM	20800	25RB#0	22.99	-0.5	22.49	33.01	PASS
Band7	10MHz	16QAM	20800	25RB#12	22.54	-0.5	22.04	33.01	PASS
Band7	10MHz	16QAM	20800	25RB#25	23.18	-0.5	22.68	33.01	PASS
Band7	10MHz	16QAM	20800	50RB#0	22.59	-0.5	22.09	33.01	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.86	-0.5	22.36	33.01	PASS

Band7	10MHz	16QAM	21100	1RB#24	22.05	-0.5	21.55	33.01	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.35	-0.5	21.85	33.01	PASS
Band7	10MHz	16QAM	21100	25RB#0	22.46	-0.5	21.96	33.01	PASS
Band7	10MHz	16QAM	21100	25RB#12	23.16	-0.5	22.66	33.01	PASS
Band7	10MHz	16QAM	21100	25RB#25	23.02	-0.5	22.52	33.01	PASS
Band7	10MHz	16QAM	21100	50RB#0	23.27	-0.5	22.77	33.01	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.58	-0.5	22.08	33.01	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.77	-0.5	22.27	33.01	PASS
Band7	10MHz	16QAM	21400	1RB#49	23.28	-0.5	22.78	33.01	PASS
Band7	10MHz	16QAM	21400	25RB#0	22.37	-0.5	21.87	33.01	PASS
Band7	10MHz	16QAM	21400	25RB#12	22.14	-0.5	21.64	33.01	PASS
Band7	10MHz	16QAM	21400	25RB#25	22.18	-0.5	21.68	33.01	PASS
Band7	10MHz	16QAM	21400	50RB#0	22.44	-0.5	21.94	33.01	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.14	-0.5	21.64	33.01	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.28	-0.5	21.78	33.01	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.59	-0.5	22.09	33.01	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.39	-0.5	21.89	33.01	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.11	-0.5	21.61	33.01	PASS
Band7	15MHz	QPSK	20825	38RB#37	23.06	-0.5	22.56	33.01	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.31	-0.5	21.81	33.01	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.17	-0.5	22.67	33.01	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.88	-0.5	22.38	33.01	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.68	-0.5	22.18	33.01	PASS
Band7	15MHz	QPSK	21100	38RB#0	23.14	-0.5	22.64	33.01	PASS
Band7	15MHz	QPSK	21100	38RB#18	22.70	-0.5	22.20	33.01	PASS
Band7	15MHz	QPSK	21100	38RB#37	22.61	-0.5	22.11	33.01	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.33	-0.5	21.83	33.01	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.07	-0.5	21.57	33.01	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.70	-0.5	22.20	33.01	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.09	-0.5	22.59	33.01	PASS
Band7	15MHz	QPSK	21375	38RB#0	22.07	-0.5	21.57	33.01	PASS
Band7	15MHz	QPSK	21375	38RB#18	22.66	-0.5	22.16	33.01	PASS
Band7	15MHz	QPSK	21375	38RB#37	22.36	-0.5	21.86	33.01	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.38	-0.5	21.88	33.01	PASS
Band7	15MHz	16QAM	20825	1RB#0	23.29	-0.5	22.79	33.01	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.47	-0.5	21.97	33.01	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.54	-0.5	22.04	33.01	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.55	-0.5	22.05	33.01	PASS
Band7	15MHz	16QAM	20825	38RB#18	22.21	-0.5	21.71	33.01	PASS

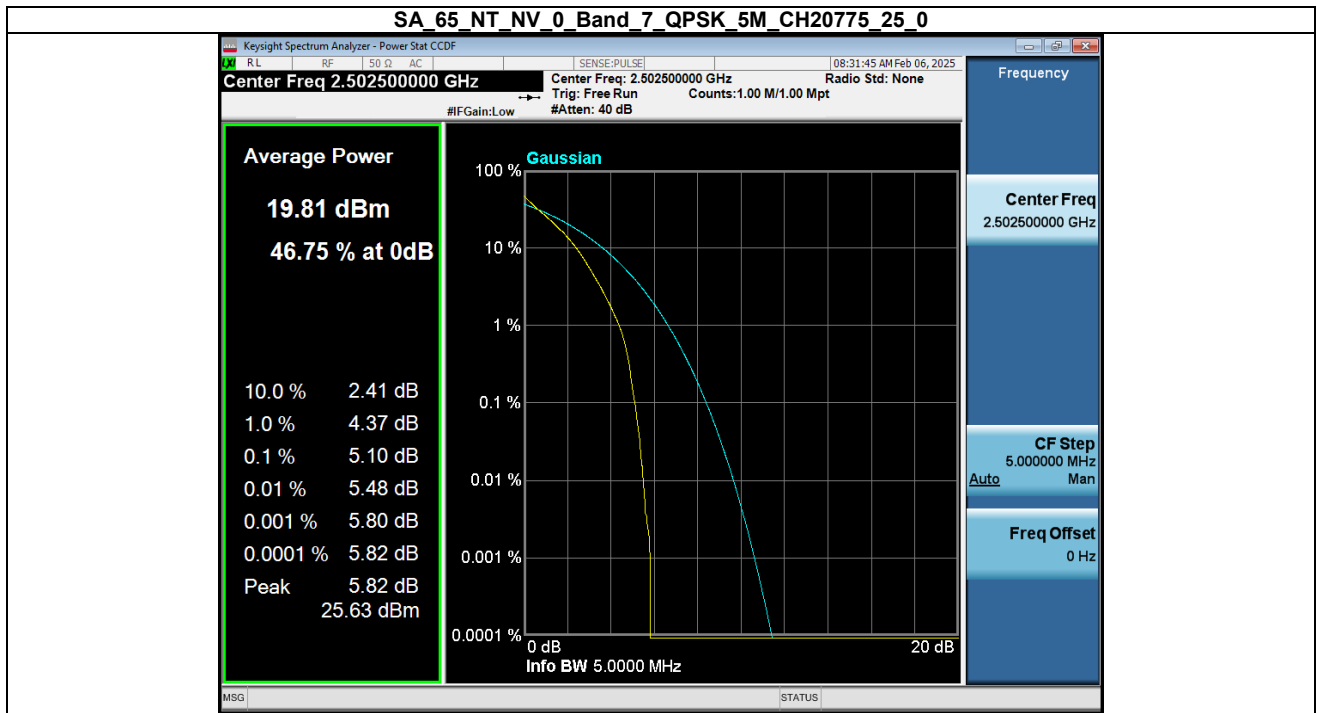
Band7	15MHz	16QAM	20825	38RB#37	22.54	-0.5	22.04	33.01	PASS
Band7	15MHz	16QAM	20825	75RB#0	22.79	-0.5	22.29	33.01	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.08	-0.5	21.58	33.01	PASS
Band7	15MHz	16QAM	21100	1RB#38	23.10	-0.5	22.60	33.01	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.03	-0.5	21.53	33.01	PASS
Band7	15MHz	16QAM	21100	38RB#0	22.88	-0.5	22.38	33.01	PASS
Band7	15MHz	16QAM	21100	38RB#18	22.44	-0.5	21.94	33.01	PASS
Band7	15MHz	16QAM	21100	38RB#37	22.27	-0.5	21.77	33.01	PASS
Band7	15MHz	16QAM	21100	75RB#0	22.77	-0.5	22.27	33.01	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.50	-0.5	22.00	33.01	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.20	-0.5	21.70	33.01	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.31	-0.5	21.81	33.01	PASS
Band7	15MHz	16QAM	21375	38RB#0	23.04	-0.5	22.54	33.01	PASS
Band7	15MHz	16QAM	21375	38RB#18	22.85	-0.5	22.35	33.01	PASS
Band7	15MHz	16QAM	21375	38RB#37	22.55	-0.5	22.05	33.01	PASS
Band7	15MHz	16QAM	21375	75RB#0	22.86	-0.5	22.36	33.01	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.52	-0.5	23.02	33.01	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.78	-0.5	22.28	33.01	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.07	-0.5	21.57	33.01	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.91	-0.5	22.41	33.01	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.93	-0.5	22.43	33.01	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.50	-0.5	22.00	33.01	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.81	-0.5	22.31	33.01	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.80	-0.5	22.30	33.01	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.58	-0.5	22.08	33.01	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.03	-0.5	22.53	33.01	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.83	-0.5	22.33	33.01	PASS
Band7	20MHz	QPSK	21100	50RB#25	23.25	-0.5	22.75	33.01	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.81	-0.5	22.31	33.01	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.70	-0.5	22.20	33.01	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.91	-0.5	22.41	33.01	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.07	-0.5	22.57	33.01	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.07	-0.5	21.57	33.01	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.09	-0.5	21.59	33.01	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.39	-0.5	21.89	33.01	PASS
Band7	20MHz	QPSK	21350	50RB#50	23.03	-0.5	22.53	33.01	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.60	-0.5	22.10	33.01	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.19	-0.5	21.69	33.01	PASS
Band7	20MHz	16QAM	20850	1RB#49	23.13	-0.5	22.63	33.01	PASS

Band7	20MHz	16QAM	20850	1RB#99	22.66	-0.5	22.16	33.01	PASS
Band7	20MHz	16QAM	20850	50RB#0	22.06	-0.5	21.56	33.01	PASS
Band7	20MHz	16QAM	20850	50RB#25	22.97	-0.5	22.47	33.01	PASS
Band7	20MHz	16QAM	20850	50RB#50	23.00	-0.5	22.50	33.01	PASS
Band7	20MHz	16QAM	20850	100RB#0	22.50	-0.5	22.00	33.01	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.48	-0.5	21.98	33.01	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.23	-0.5	21.73	33.01	PASS
Band7	20MHz	16QAM	21100	1RB#99	23.04	-0.5	22.54	33.01	PASS
Band7	20MHz	16QAM	21100	50RB#0	22.91	-0.5	22.41	33.01	PASS
Band7	20MHz	16QAM	21100	50RB#25	23.21	-0.5	22.71	33.01	PASS
Band7	20MHz	16QAM	21100	50RB#50	23.17	-0.5	22.67	33.01	PASS
Band7	20MHz	16QAM	21100	100RB#0	23.03	-0.5	22.53	33.01	PASS
Band7	20MHz	16QAM	21350	1RB#0	23.44	-0.5	22.94	33.01	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.79	-0.5	22.29	33.01	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.40	-0.5	21.90	33.01	PASS
Band7	20MHz	16QAM	21350	50RB#0	22.80	-0.5	22.30	33.01	PASS
Band7	20MHz	16QAM	21350	50RB#25	22.86	-0.5	22.36	33.01	PASS
Band7	20MHz	16QAM	21350	50RB#50	22.32	-0.5	21.82	33.01	PASS
Band7	20MHz	16QAM	21350	100RB#0	22.23	-0.5	21.73	33.01	PASS

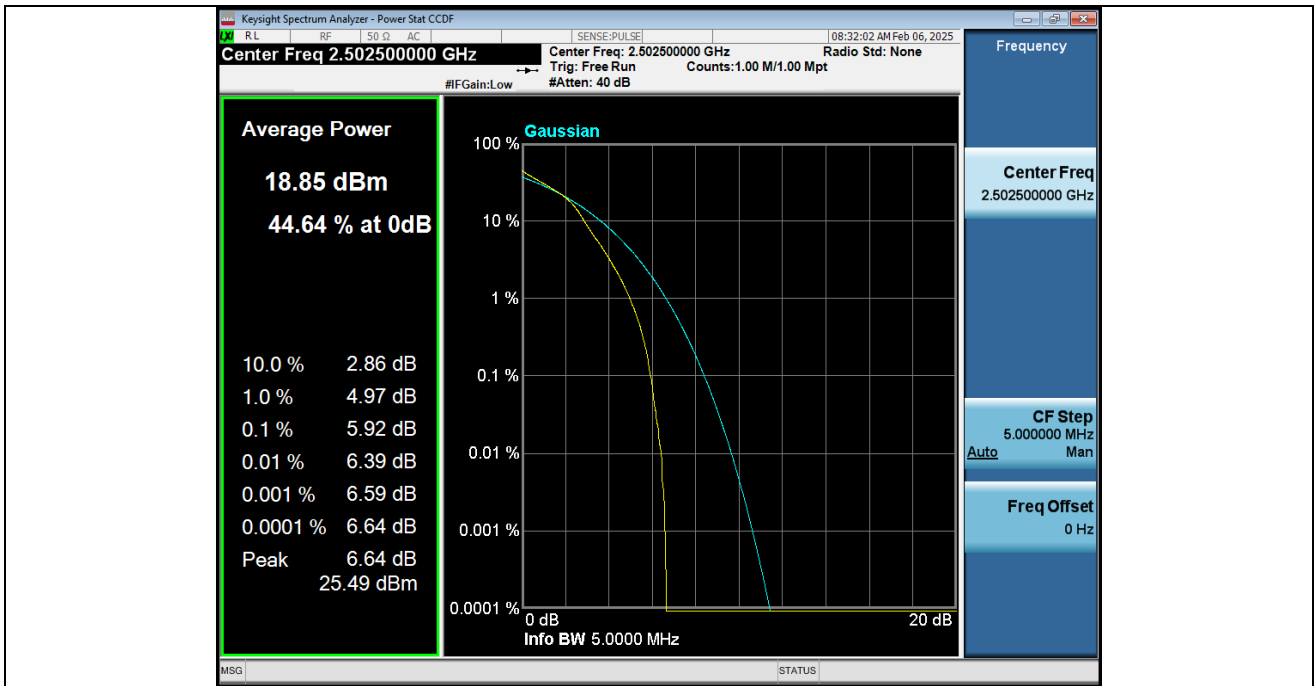
EIRP = Conducted Power + ANT Gain

2. Peak to Average Ratio

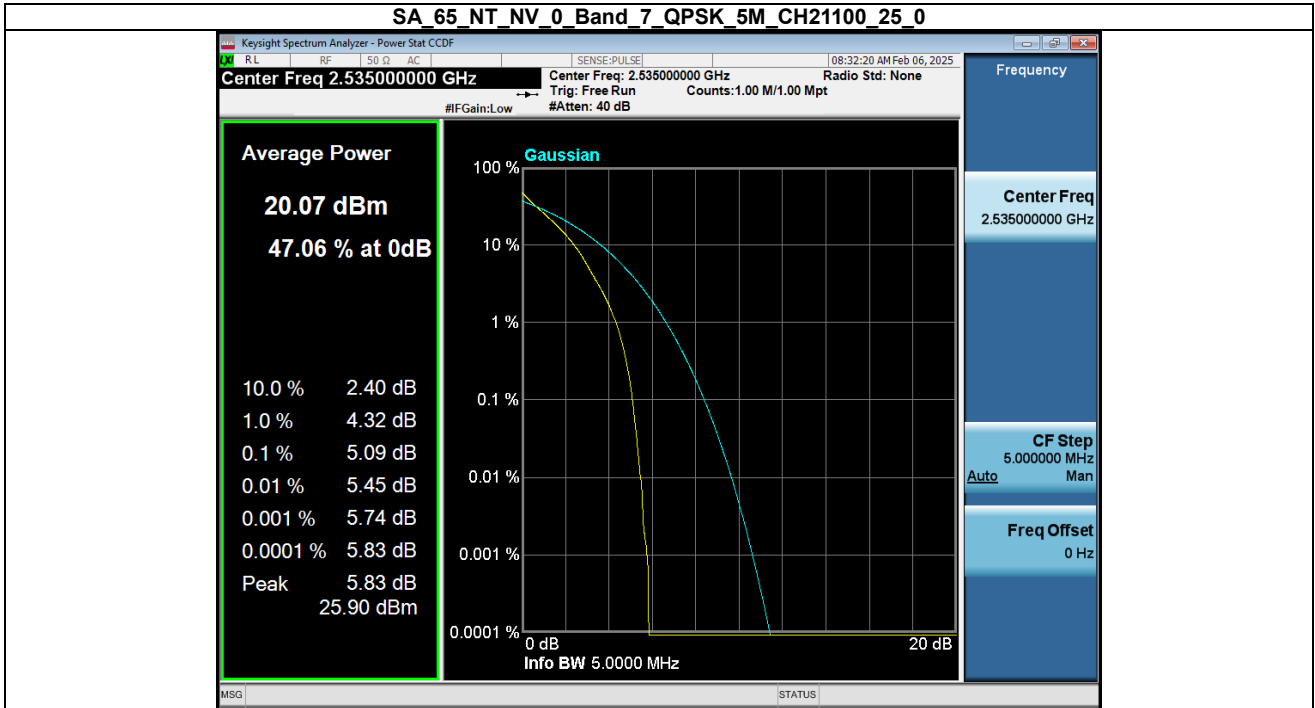
Condition	Band	Modulation	BW(MHz)	Frequency(MHz)	RB_Size	RB_start	Peak to AVG Ratio-0.1%(dB)	Limit(dB)	Result
NV_NT	Band 7	QPSK	5M	2502.5	25	0	5.10	13.00	Pass
NV_NT	Band 7	16QAM	5M	2502.5	25	0	5.92	13.00	Pass
NV_NT	Band 7	QPSK	5M	2535.0	25	0	5.09	13.00	Pass
NV_NT	Band 7	16QAM	5M	2535.0	25	0	5.90	13.00	Pass
NV_NT	Band 7	QPSK	5M	2567.5	25	0	4.65	13.00	Pass
NV_NT	Band 7	16QAM	5M	2567.5	25	0	5.47	13.00	Pass
NV_NT	Band 7	QPSK	10M	2505.0	50	0	5.13	13.00	Pass
NV_NT	Band 7	16QAM	10M	2505.0	50	0	5.96	13.00	Pass
NV_NT	Band 7	QPSK	10M	2535.0	50	0	5.04	13.00	Pass
NV_NT	Band 7	16QAM	10M	2535.0	50	0	5.86	13.00	Pass
NV_NT	Band 7	QPSK	10M	2565.0	50	0	4.83	13.00	Pass
NV_NT	Band 7	16QAM	10M	2565.0	50	0	5.65	13.00	Pass
NV_NT	Band 7	QPSK	15M	2507.5	75	0	5.16	13.00	Pass
NV_NT	Band 7	16QAM	15M	2507.5	75	0	6.01	13.00	Pass
NV_NT	Band 7	QPSK	15M	2535.0	75	0	5.18	13.00	Pass
NV_NT	Band 7	16QAM	15M	2535.0	75	0	5.91	13.00	Pass
NV_NT	Band 7	QPSK	15M	2562.5	75	0	4.83	13.00	Pass
NV_NT	Band 7	16QAM	15M	2562.5	75	0	5.60	13.00	Pass
NV_NT	Band 7	QPSK	20M	2510.0	100	0	4.92	13.00	Pass
NV_NT	Band 7	16QAM	20M	2510.0	100	0	5.84	13.00	Pass
NV_NT	Band 7	QPSK	20M	2535.0	100	0	5.01	13.00	Pass
NV_NT	Band 7	16QAM	20M	2535.0	100	0	5.79	13.00	Pass
NV_NT	Band 7	QPSK	20M	2560.0	100	0	4.77	13.00	Pass
NV_NT	Band 7	16QAM	20M	2560.0	100	0	5.62	13.00	Pass



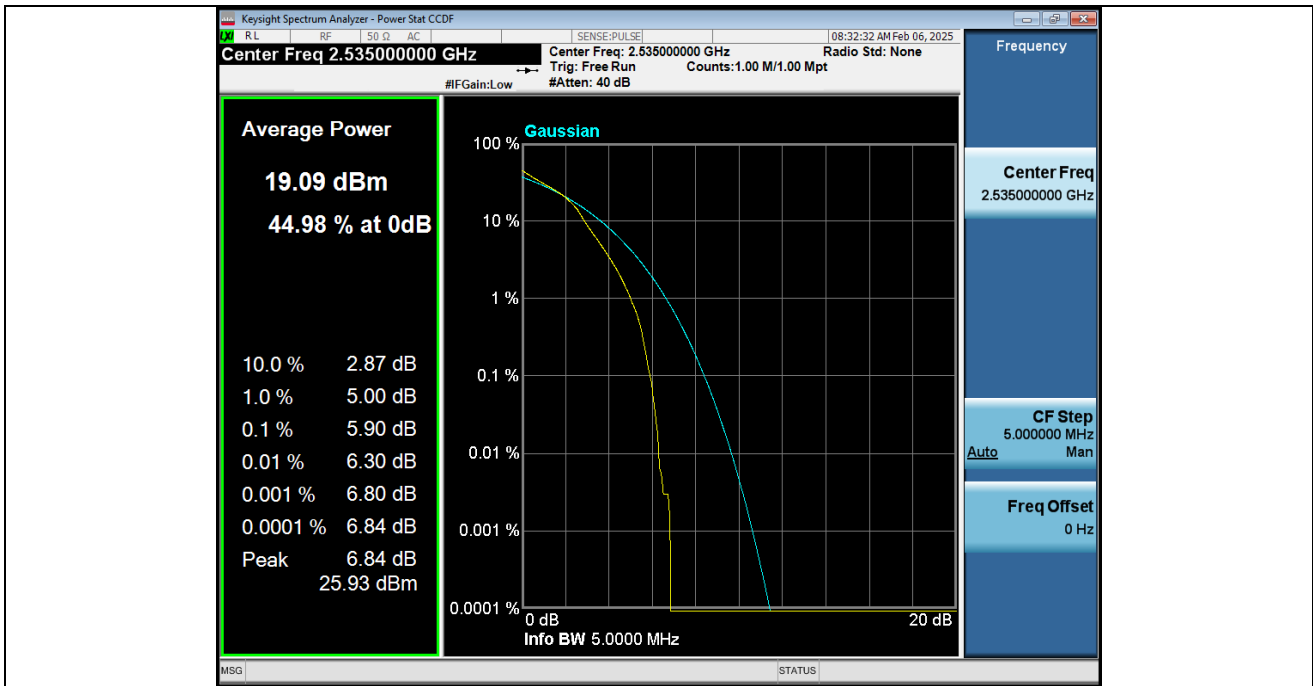
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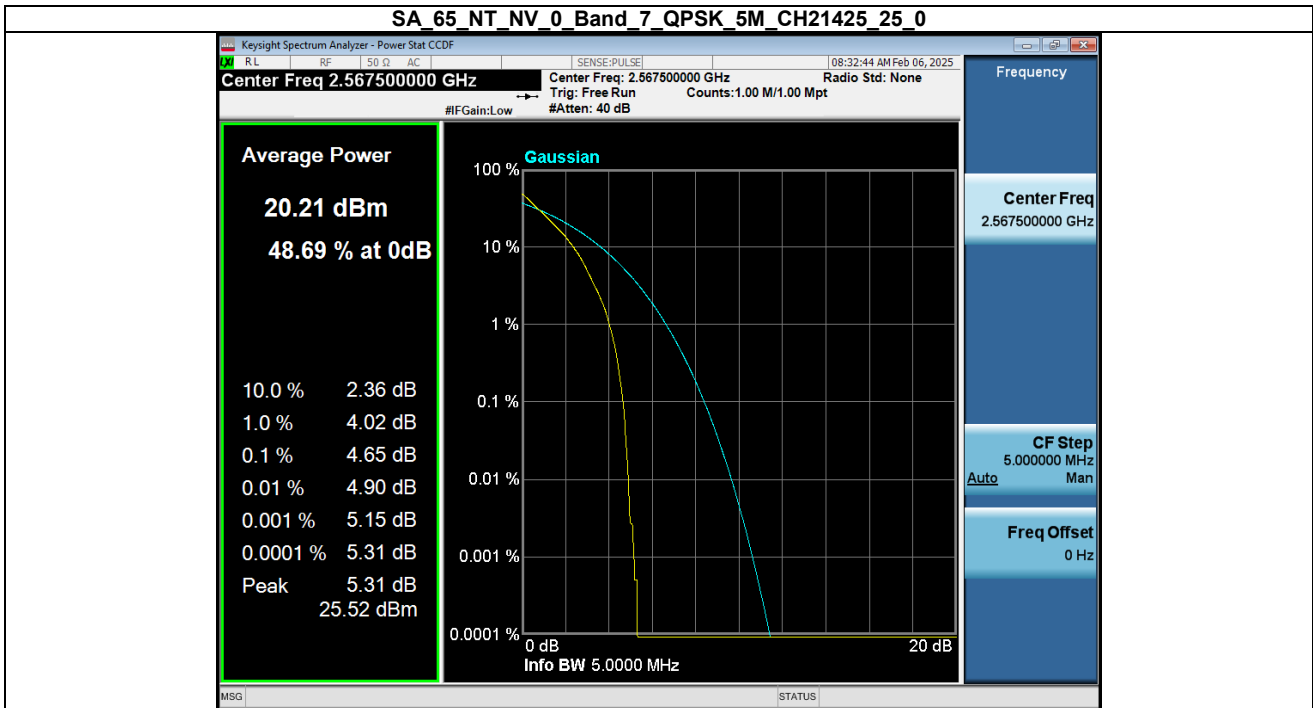
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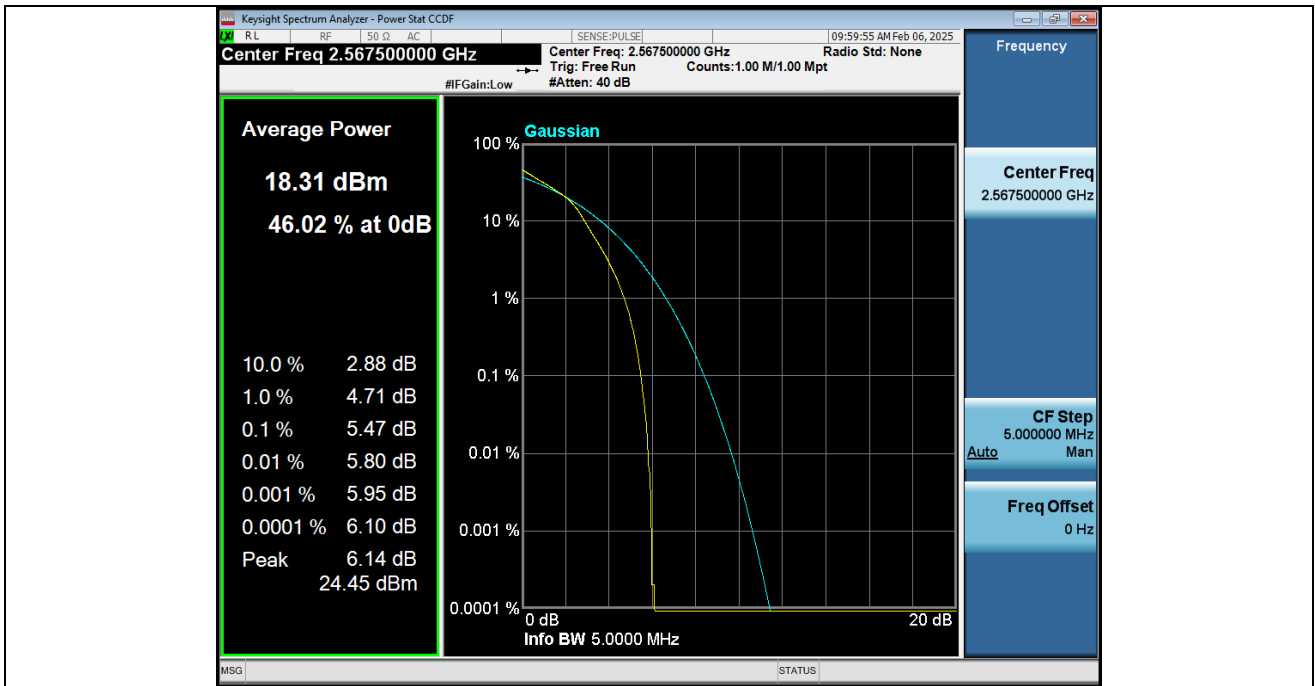
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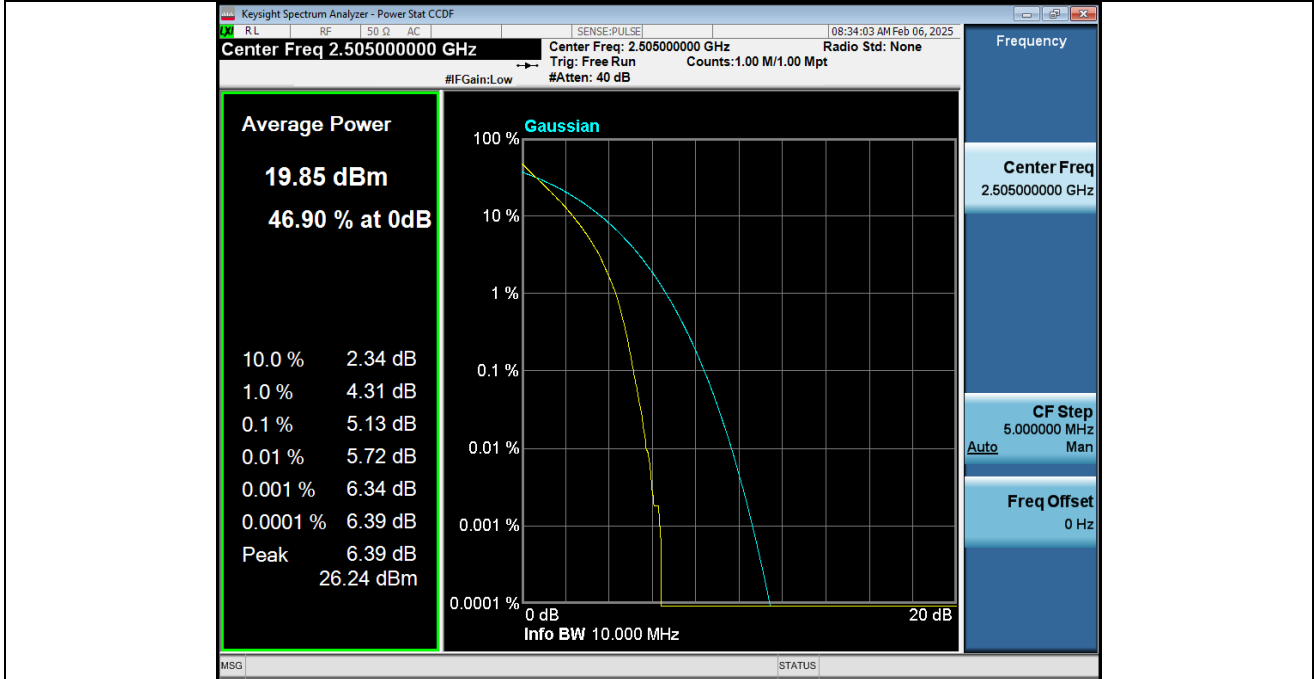
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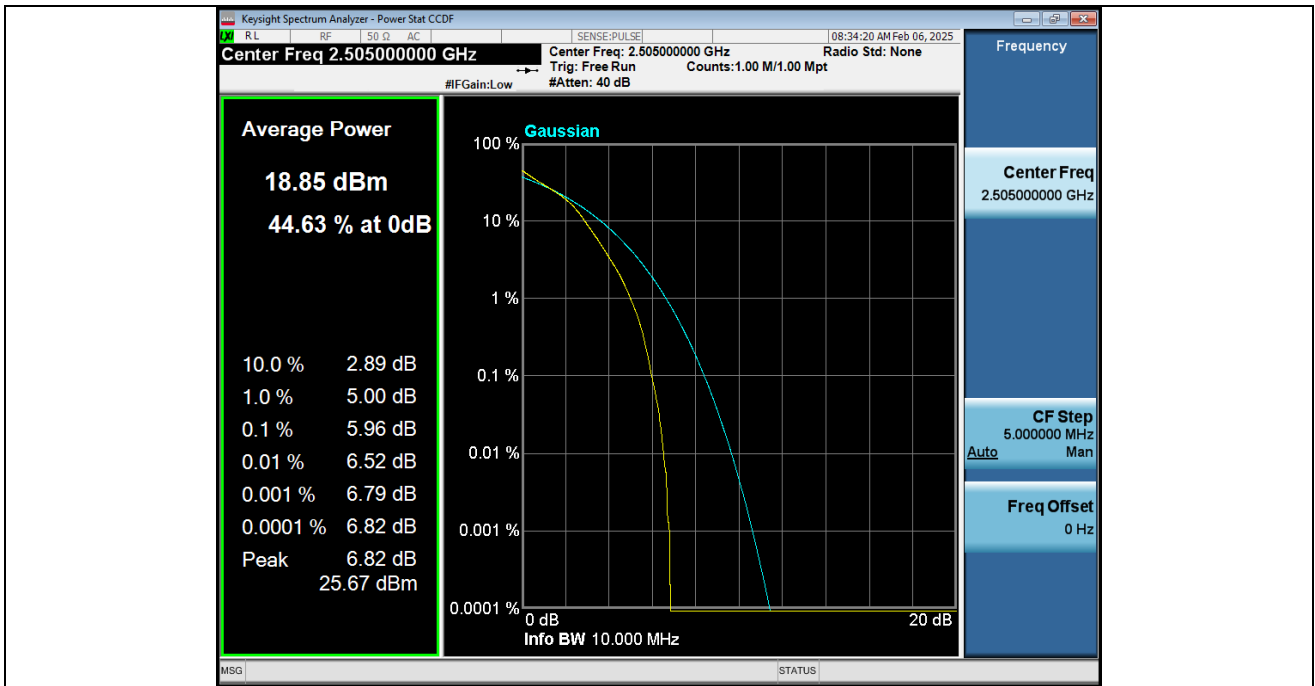
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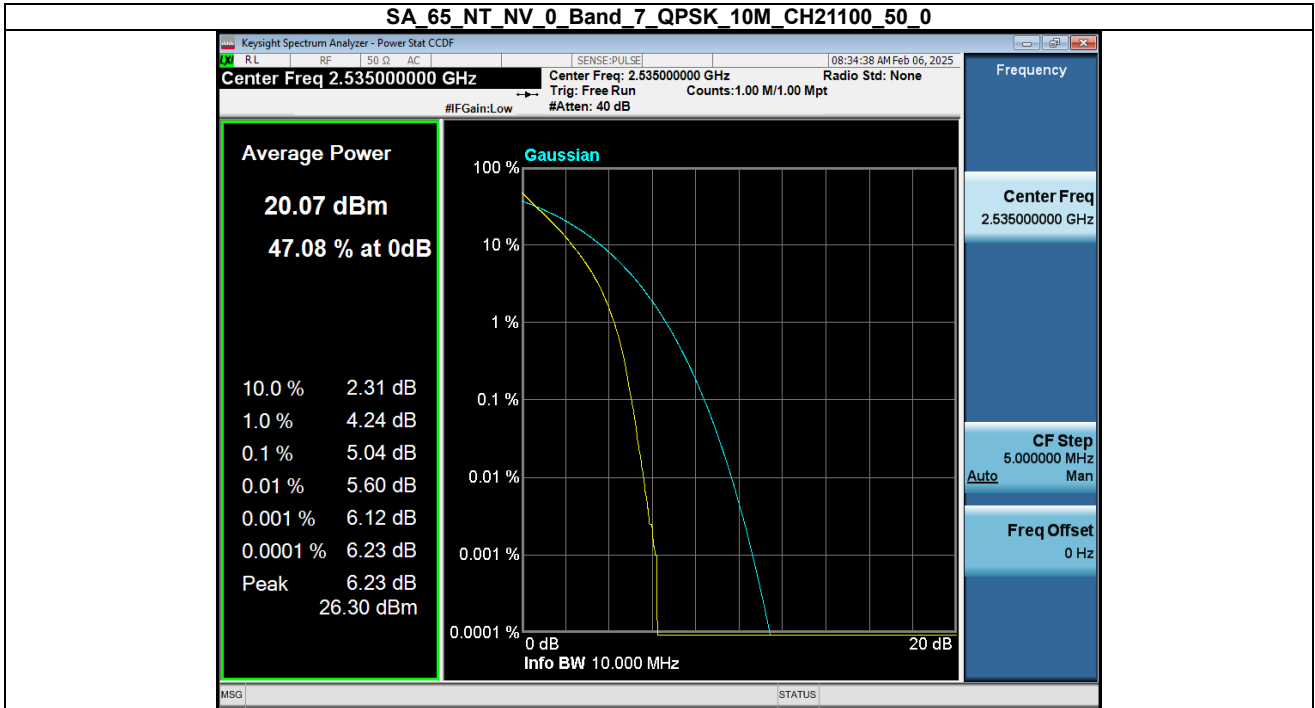
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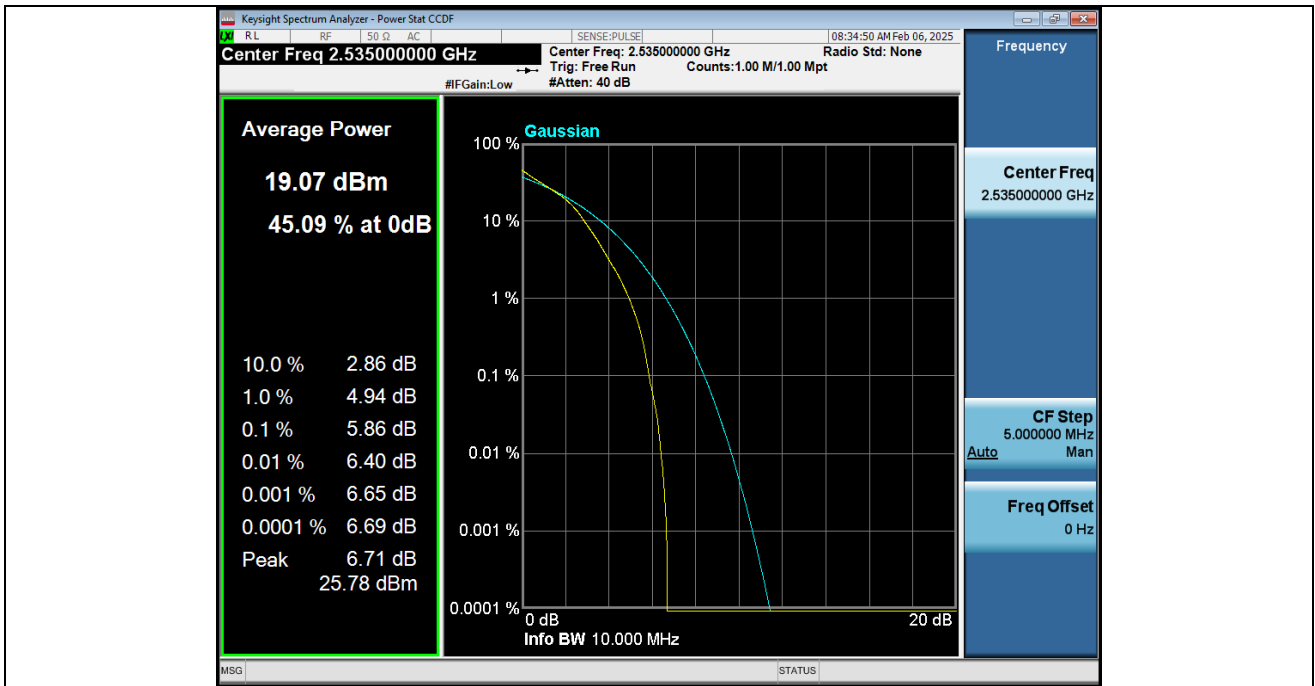
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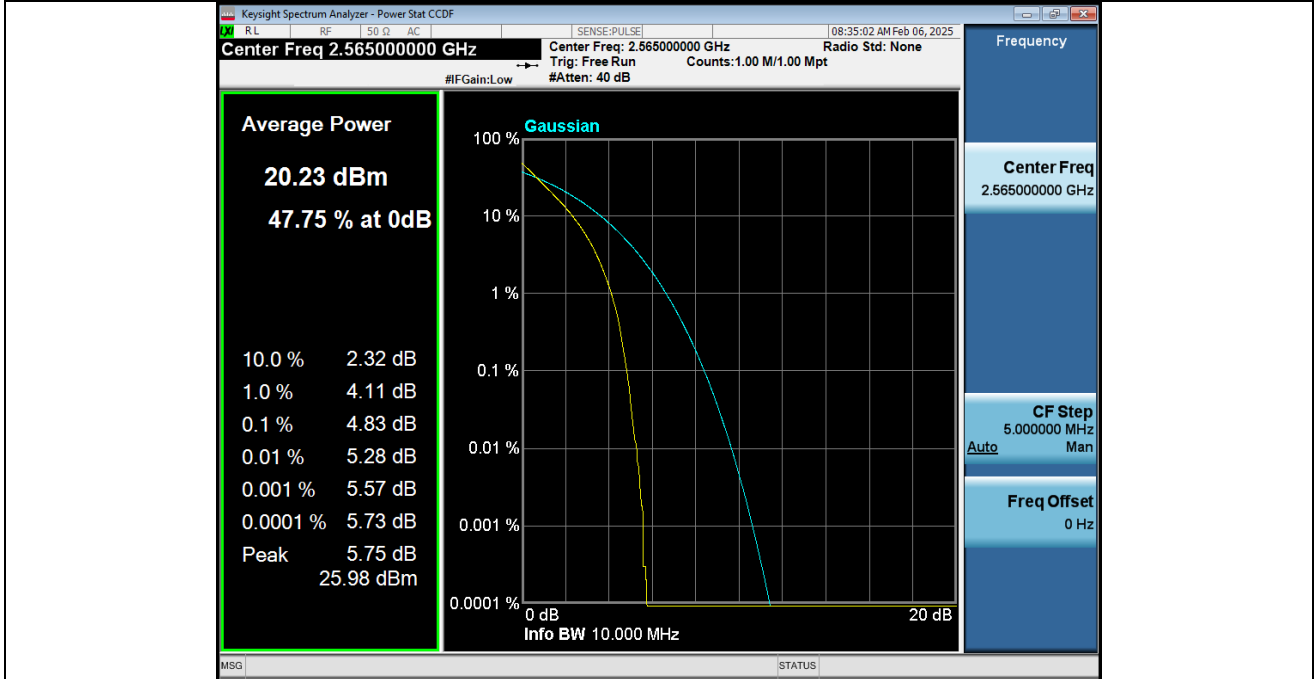
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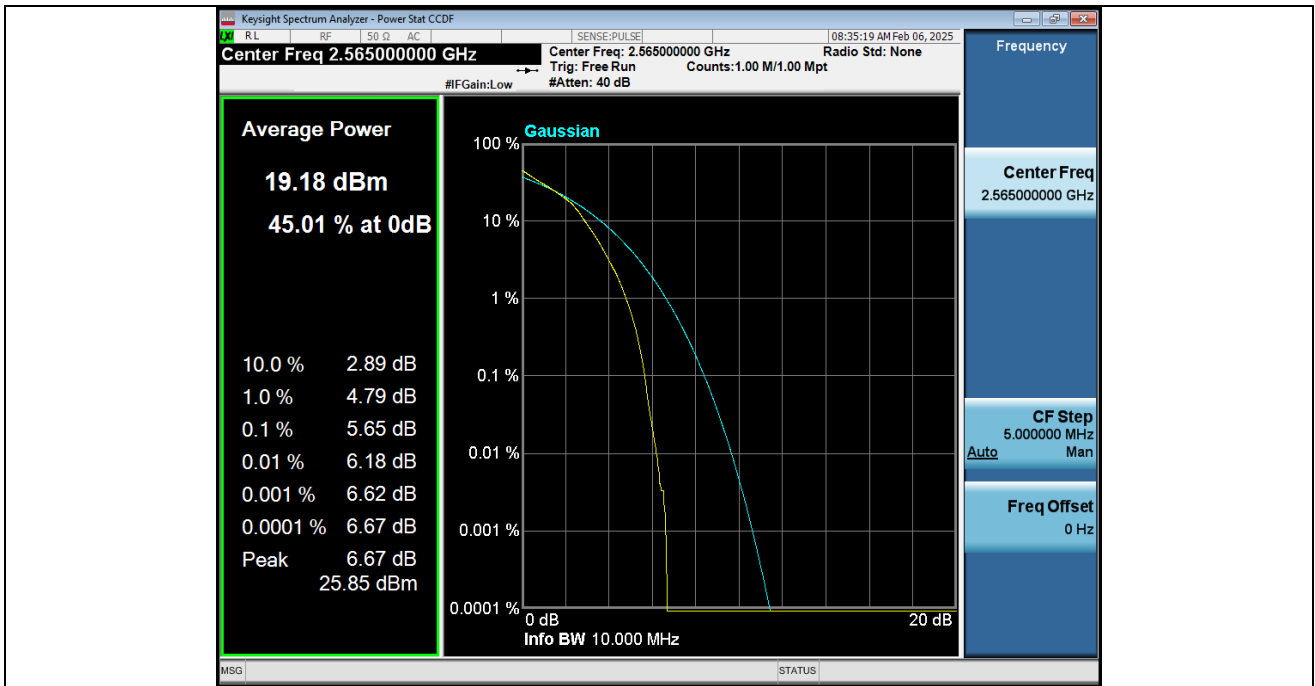
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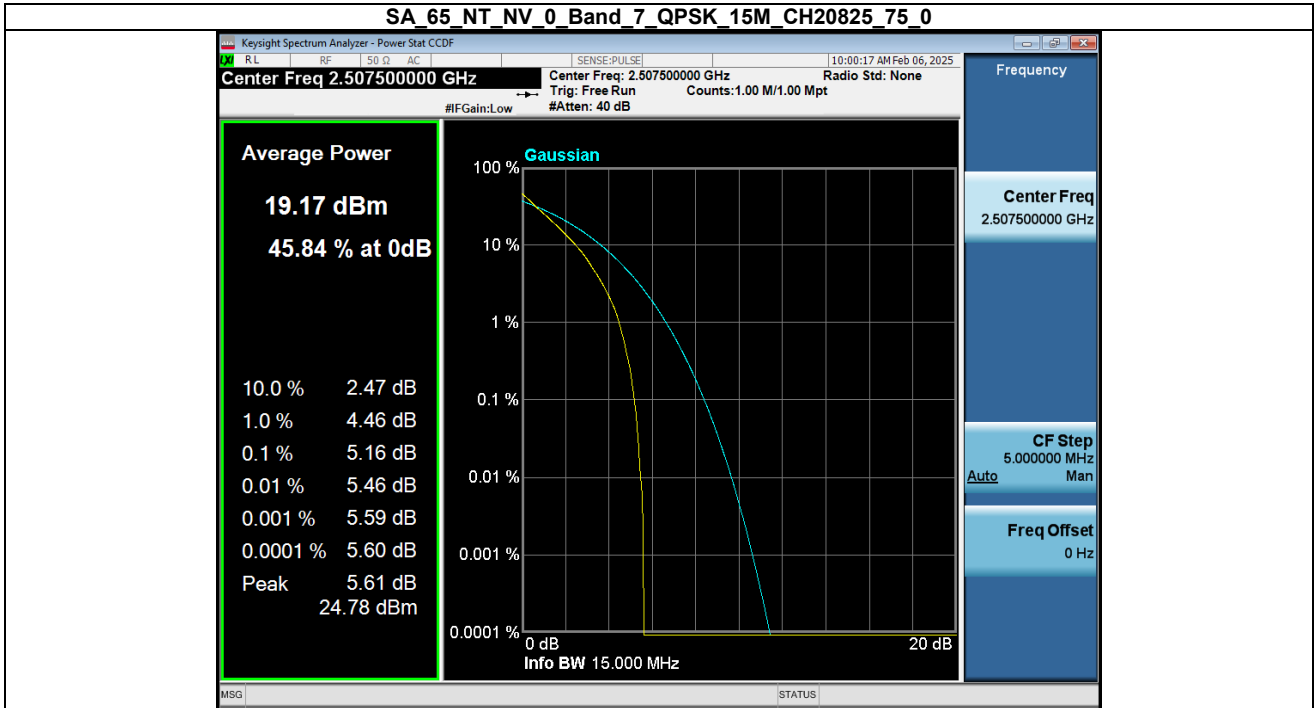
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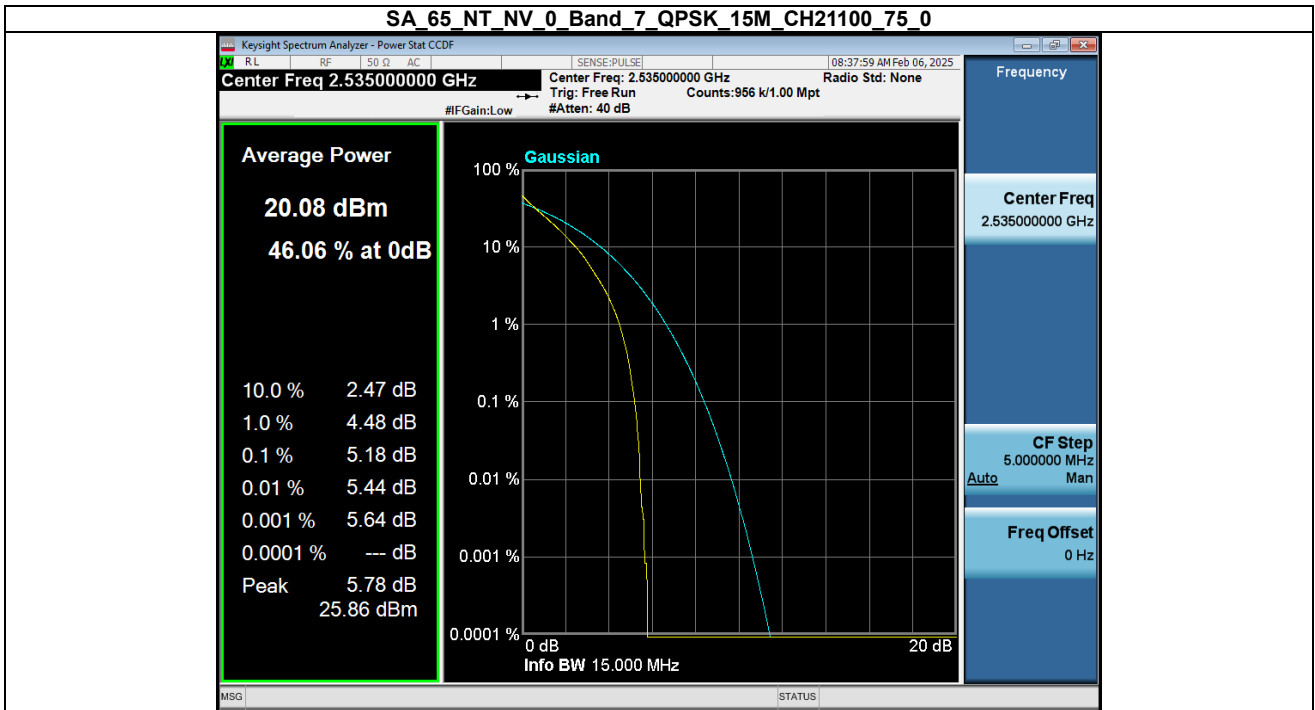
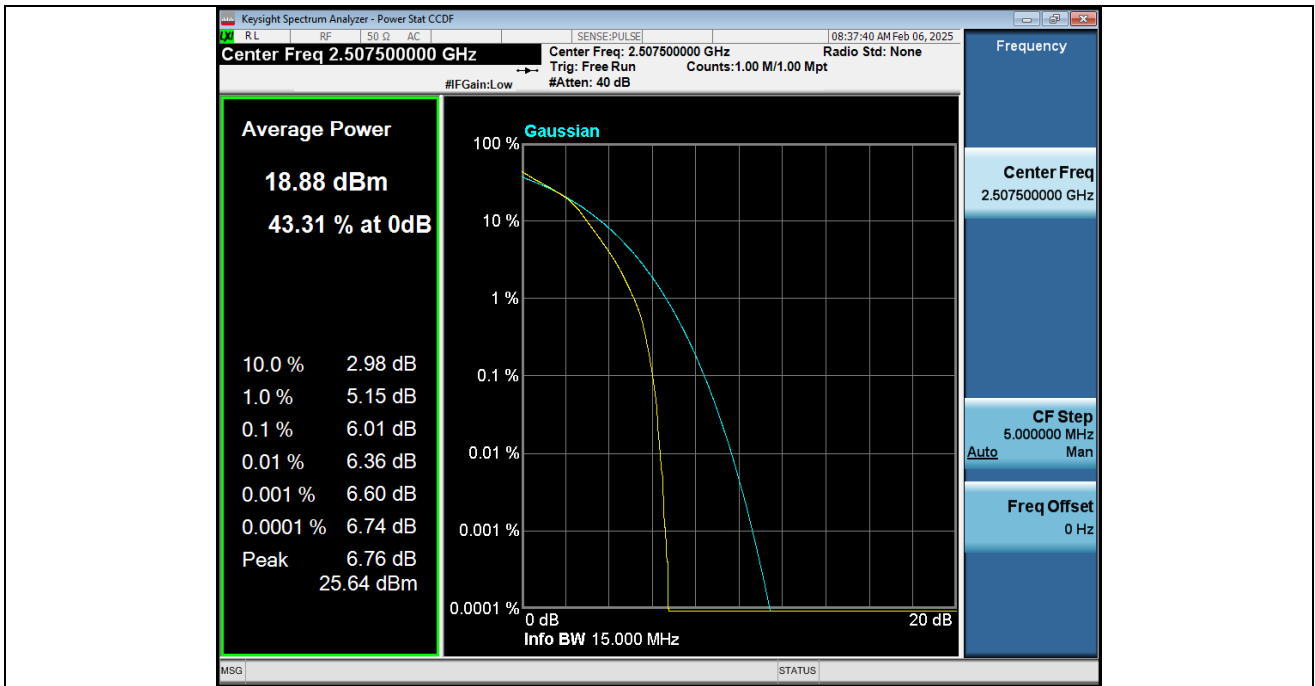
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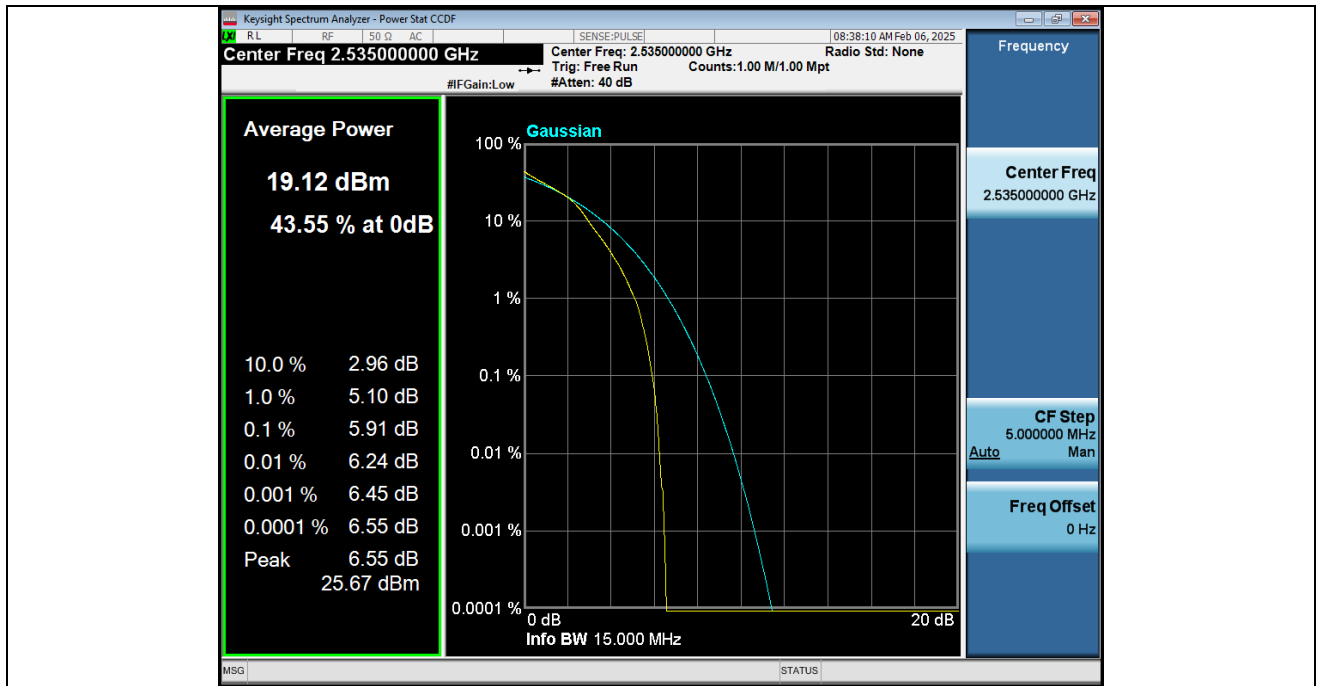
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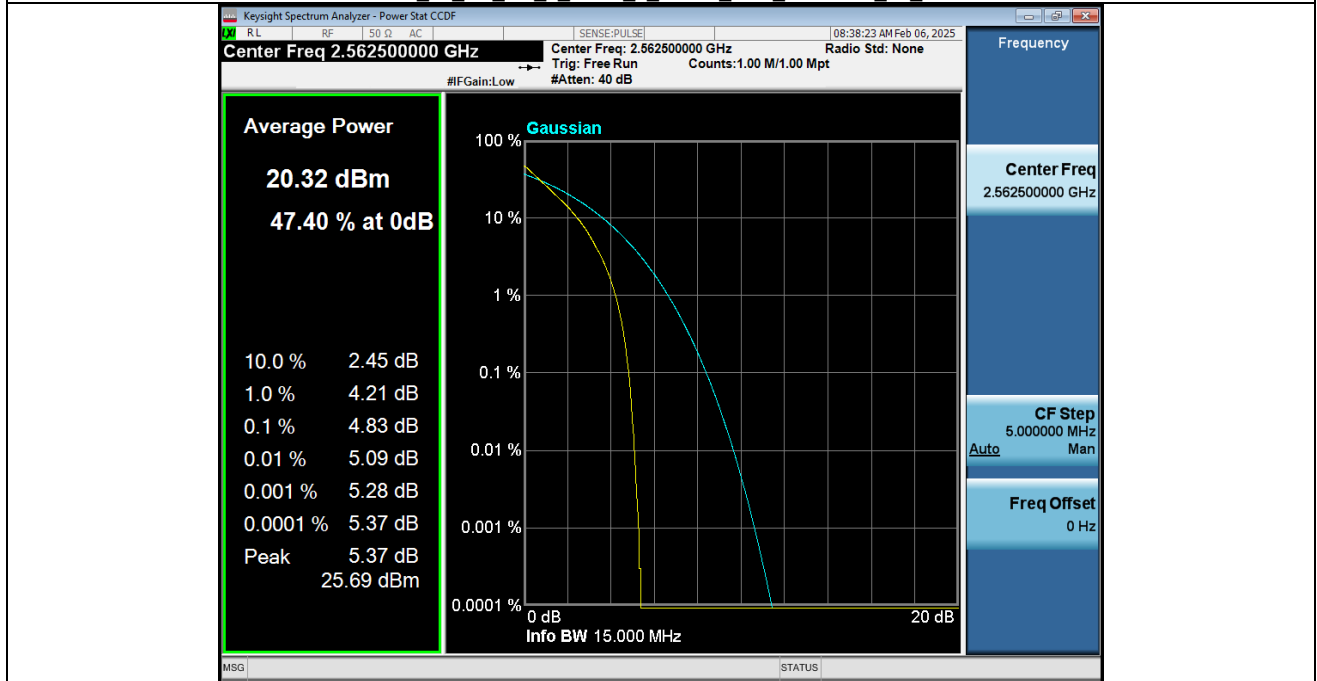
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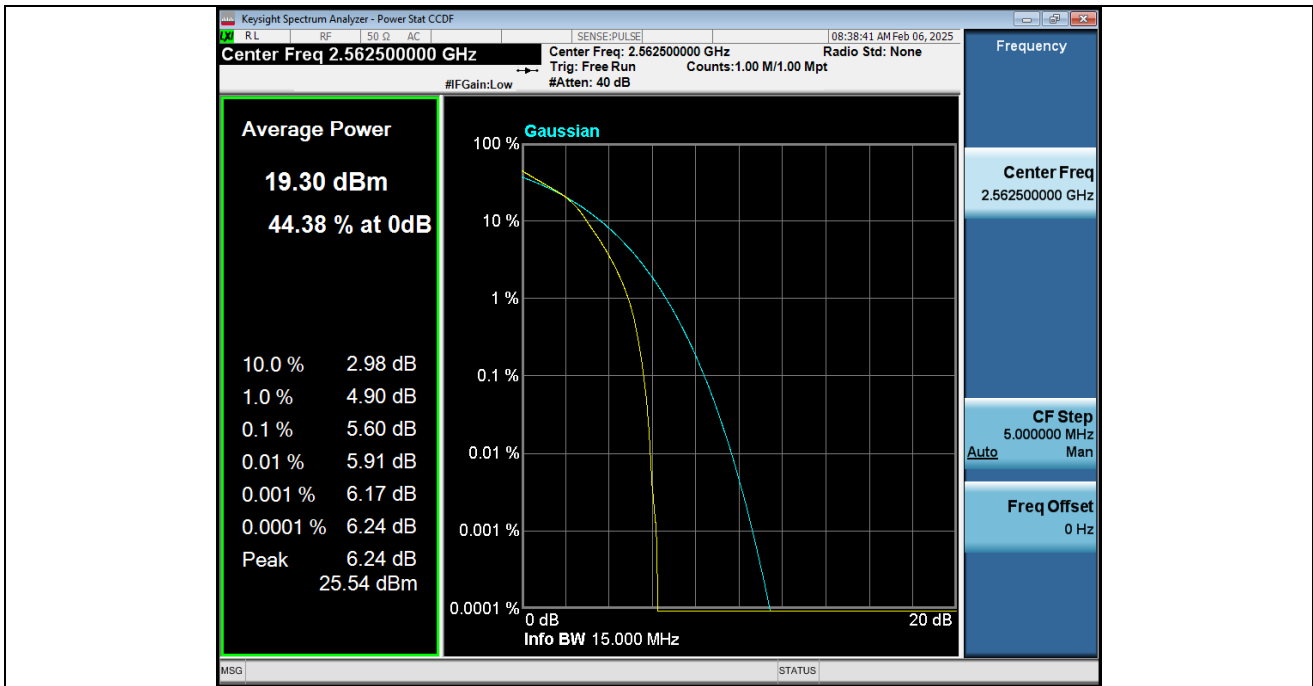
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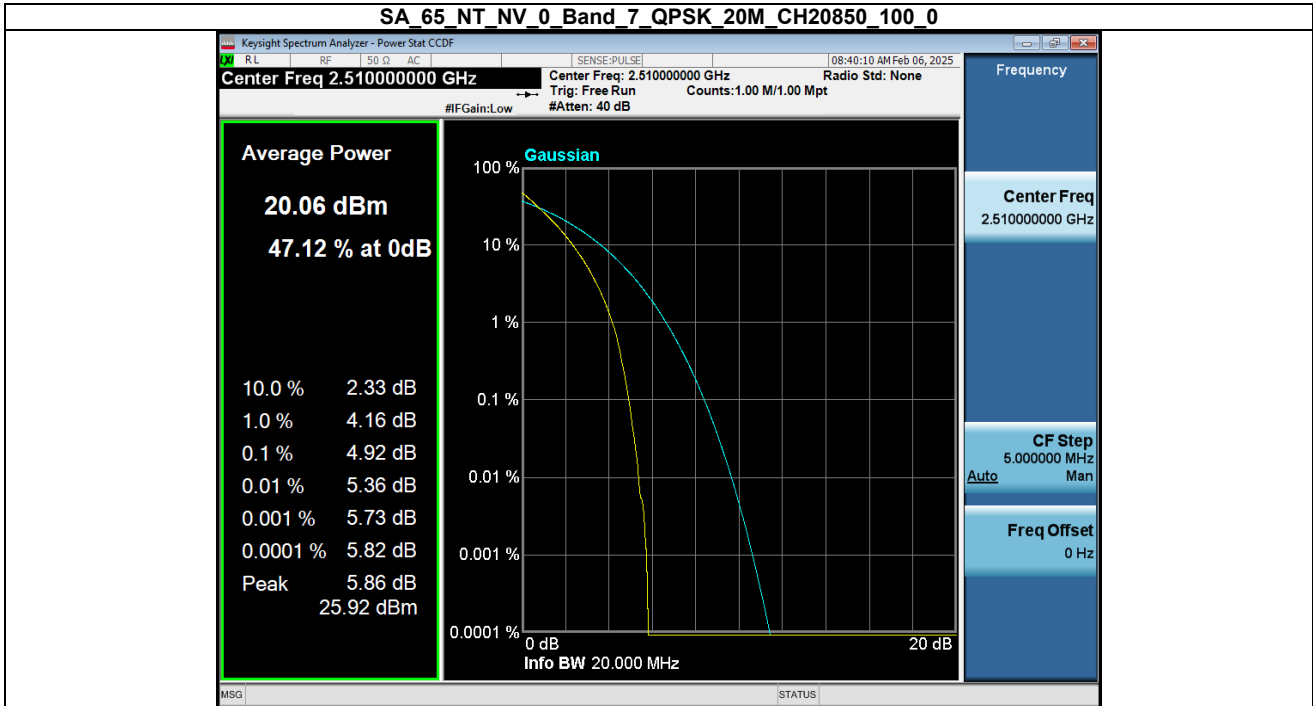
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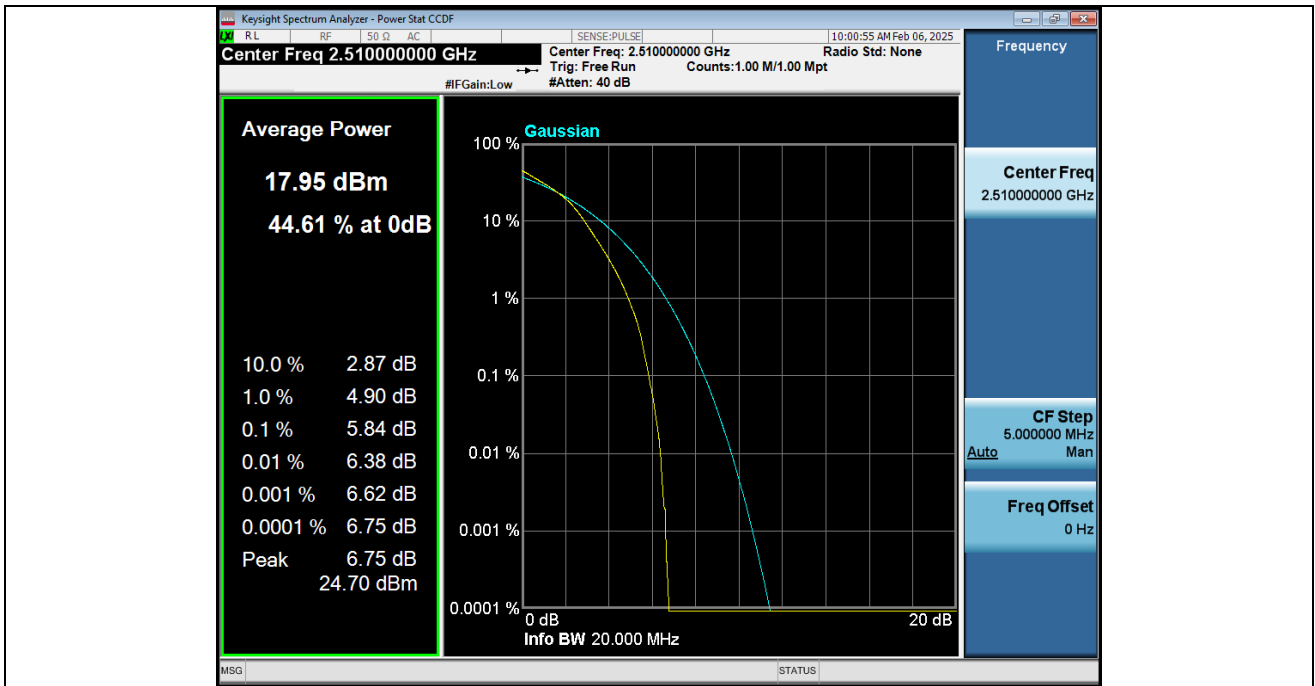
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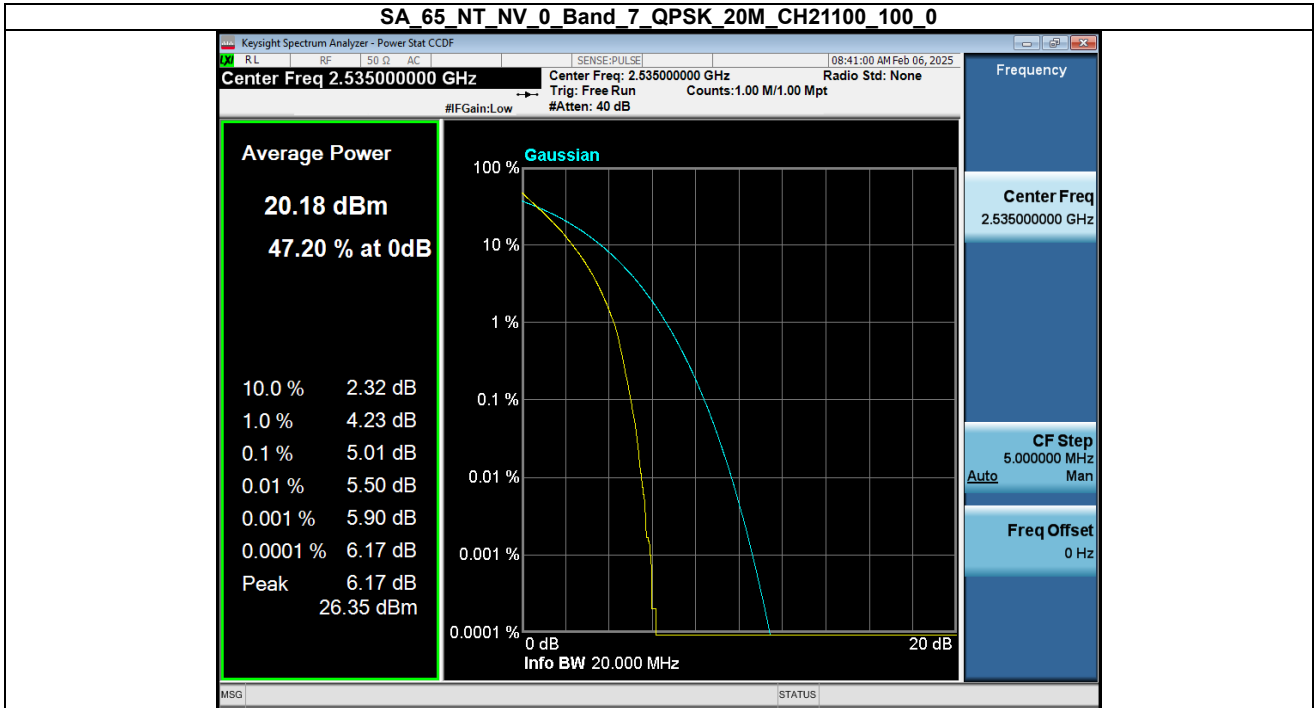
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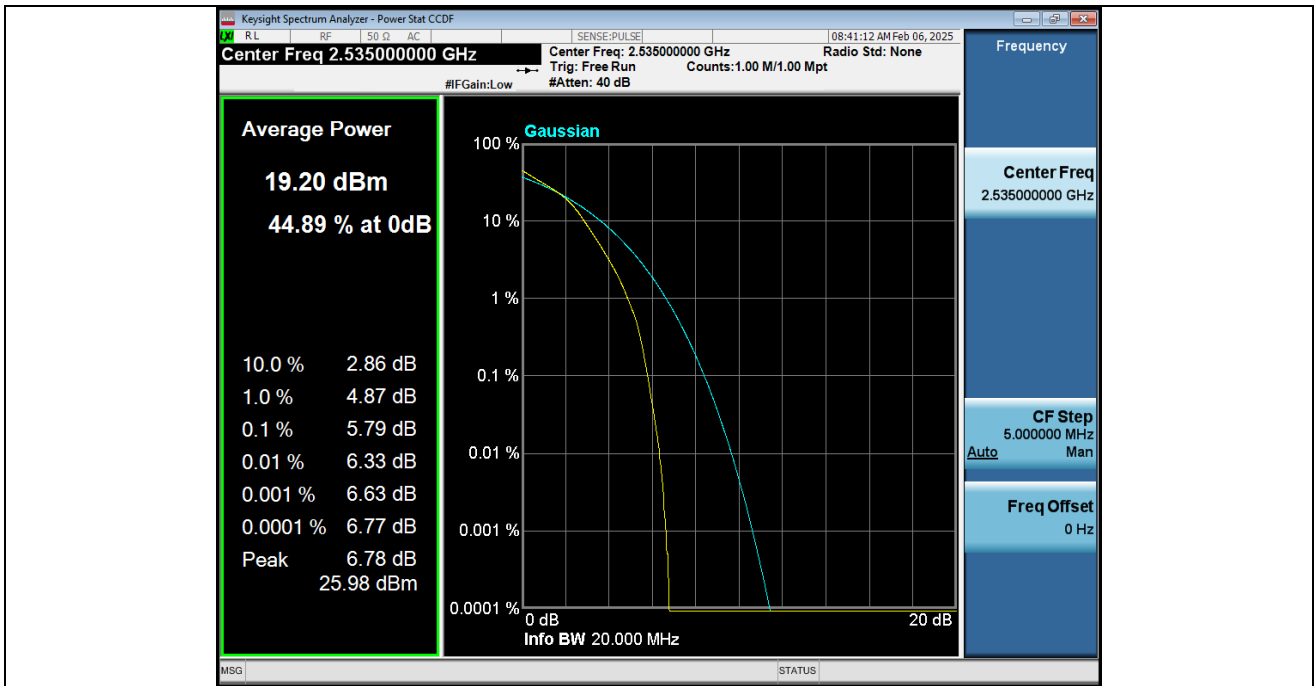
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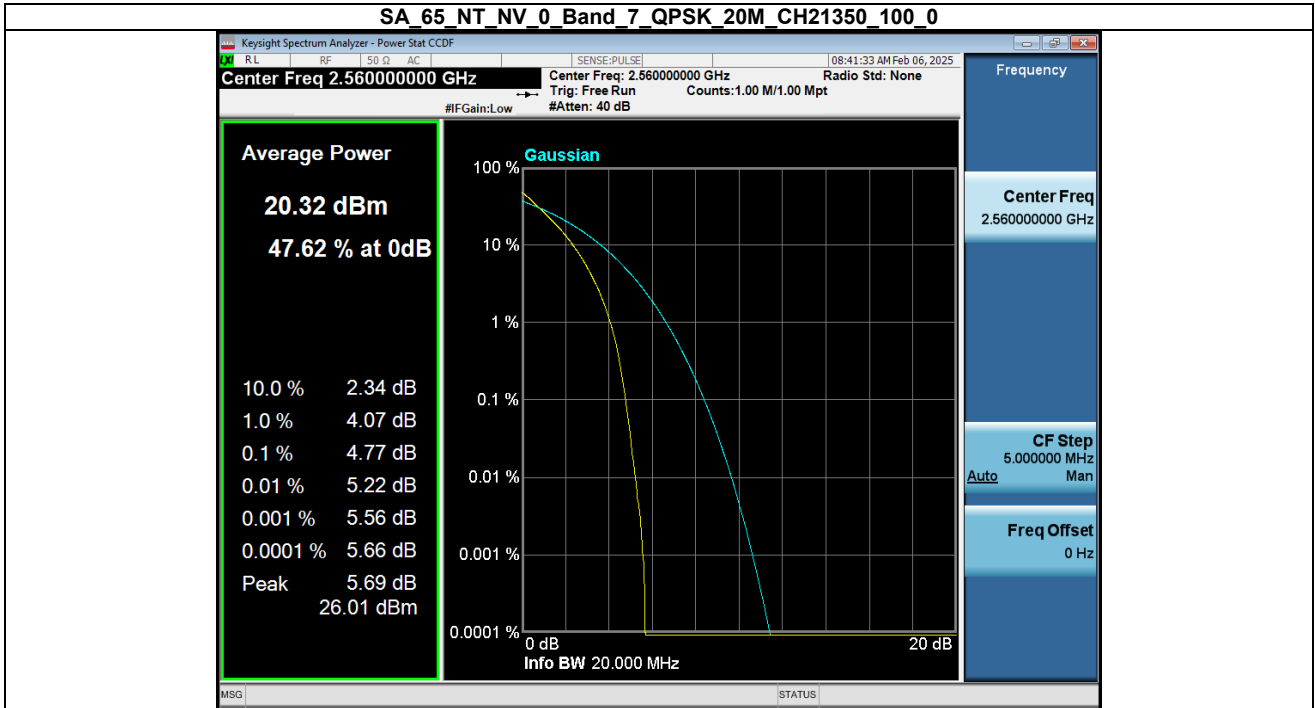
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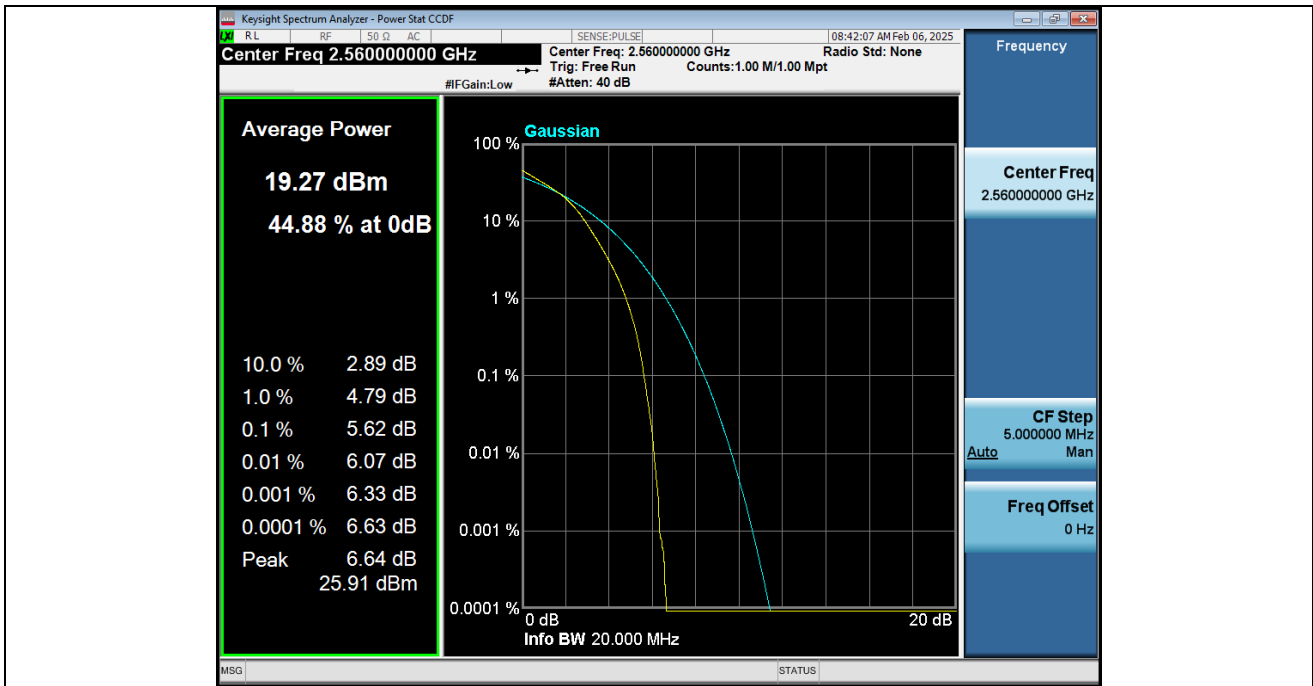
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SA_65_NT_NV_0_Band_7_QPSK_20M_CH21350_100_0

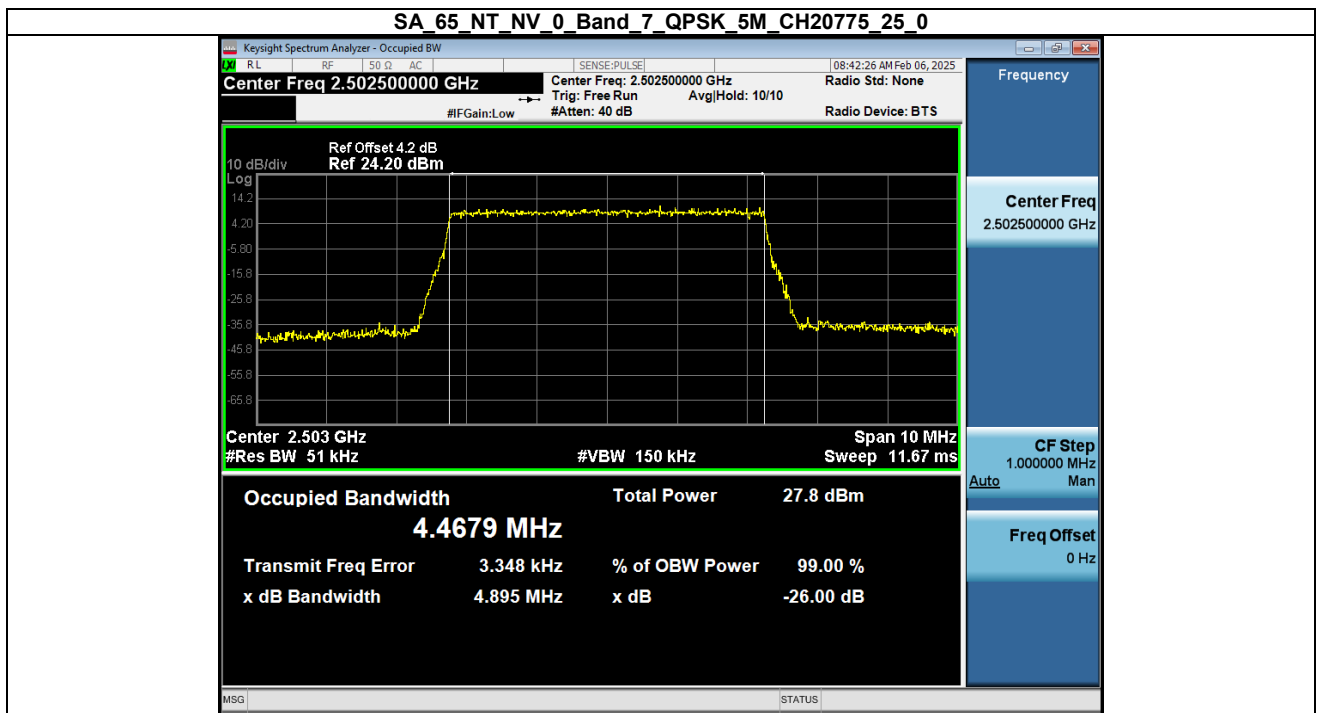


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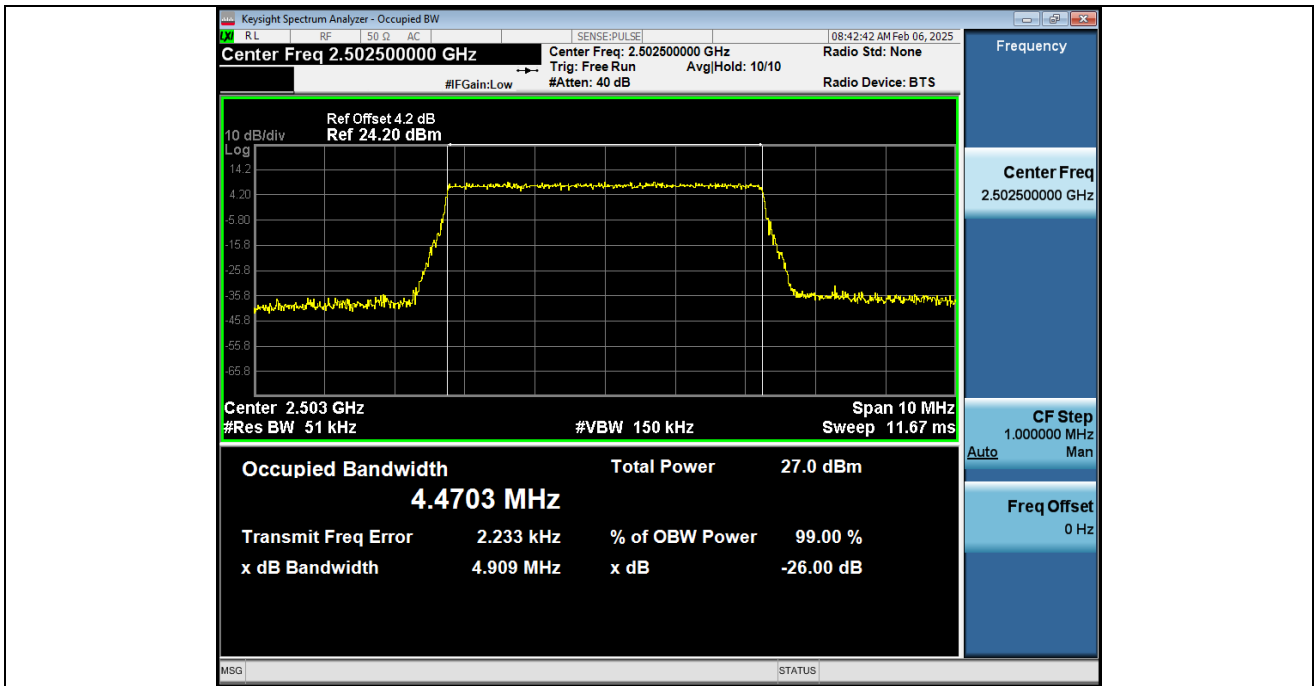


3. Occupied Bandwidth

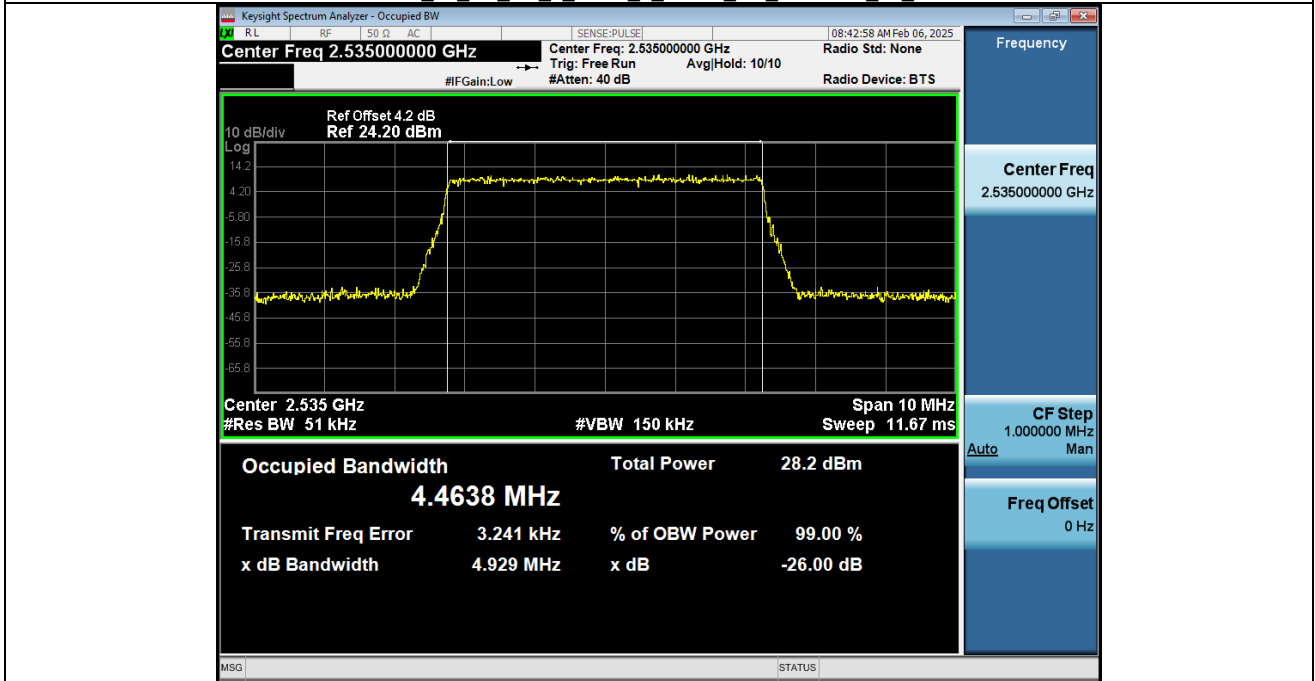
Condition	Band	Modulation	BW(MHz)	Frequency(MHz)	RB_Size	RB_start	OBW(MHz)	26EBW(MHz)
NV_NT	Band 7	QPSK	5M	2502.5	25	0	4.4679	4.8951
NV_NT	Band 7	16QAM	5M	2502.5	25	0	4.4703	4.9088
NV_NT	Band 7	QPSK	5M	2535.0	25	0	4.4638	4.9287
NV_NT	Band 7	16QAM	5M	2535.0	25	0	4.4680	4.8360
NV_NT	Band 7	QPSK	5M	2567.5	25	0	4.4631	4.9183
NV_NT	Band 7	16QAM	5M	2567.5	25	0	4.4545	4.8562
NV_NT	Band 7	QPSK	10M	2505.0	50	0	8.9230	9.6337
NV_NT	Band 7	16QAM	10M	2505.0	50	0	8.9130	9.6353
NV_NT	Band 7	QPSK	10M	2535.0	50	0	8.9306	9.6655
NV_NT	Band 7	16QAM	10M	2535.0	50	0	8.9380	9.5844
NV_NT	Band 7	QPSK	10M	2565.0	50	0	8.9269	9.5865
NV_NT	Band 7	16QAM	10M	2565.0	50	0	8.9227	9.6706
NV_NT	Band 7	QPSK	15M	2507.5	75	0	13.3757	14.4560
NV_NT	Band 7	16QAM	15M	2507.5	75	0	13.3750	14.2846
NV_NT	Band 7	QPSK	15M	2535.0	75	0	13.3837	14.3632
NV_NT	Band 7	16QAM	15M	2535.0	75	0	13.3754	14.3320
NV_NT	Band 7	QPSK	15M	2562.5	75	0	13.3652	14.3988
NV_NT	Band 7	16QAM	15M	2562.5	75	0	13.3983	14.3957
NV_NT	Band 7	QPSK	20M	2510.0	100	0	17.8046	19.0675
NV_NT	Band 7	16QAM	20M	2510.0	100	0	17.8243	19.0471
NV_NT	Band 7	QPSK	20M	2535.0	100	0	17.8179	19.0282
NV_NT	Band 7	16QAM	20M	2535.0	100	0	17.8065	18.9678
NV_NT	Band 7	QPSK	20M	2560.0	100	0	17.8272	19.1513
NV_NT	Band 7	16QAM	20M	2560.0	100	0	17.8108	18.9623



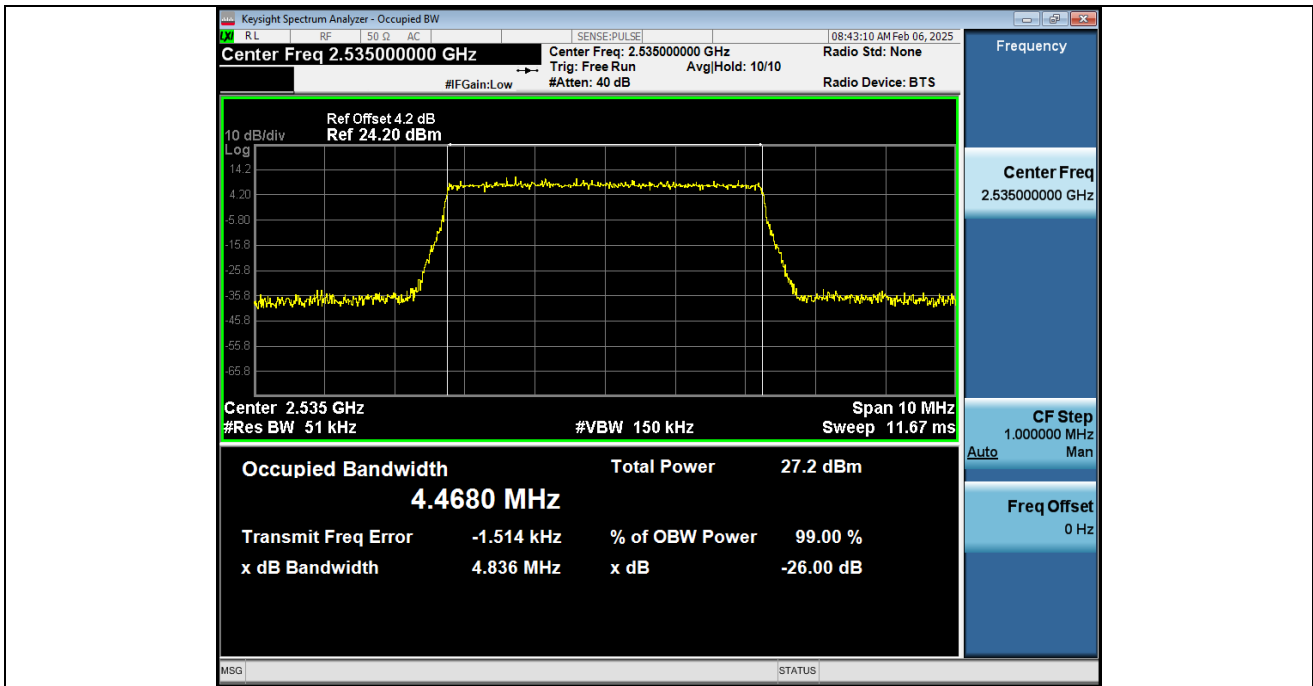
SA_65_NT_NV_0 Band 7_16QAM_5M_CH20775_25_0



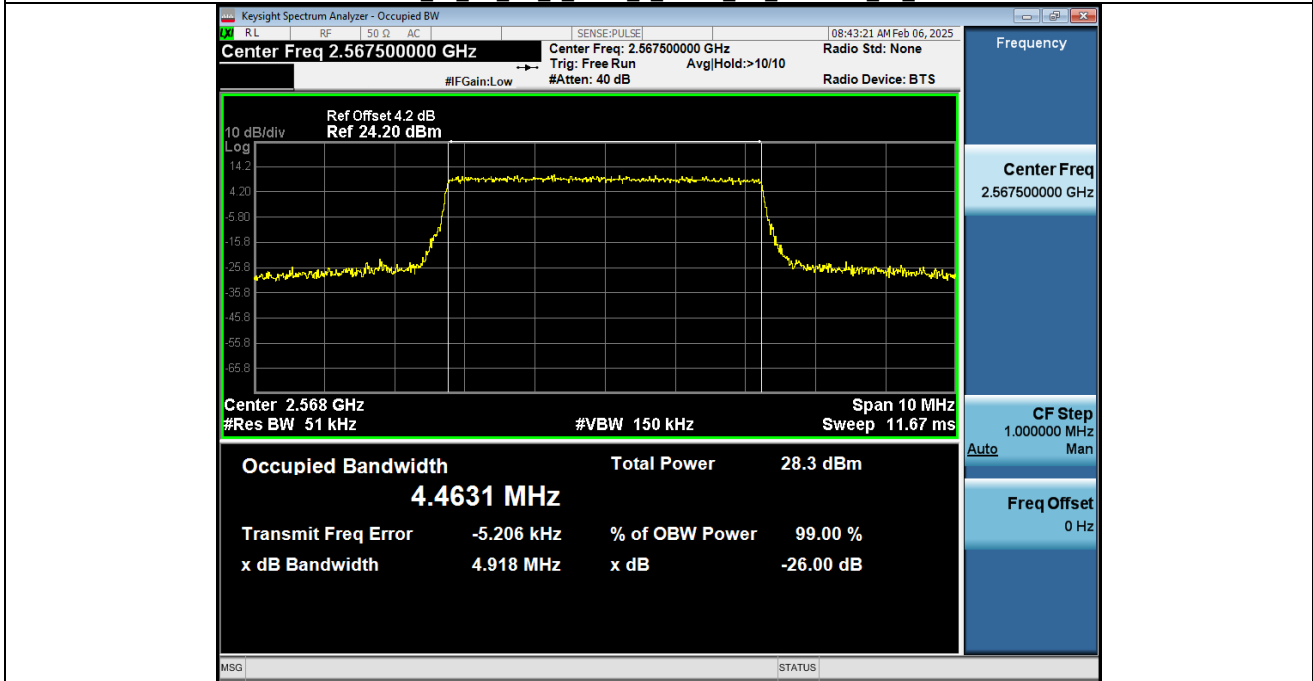
SA 65_NT_NV_0 Band 7 QPSK 5M CH21100_25_0



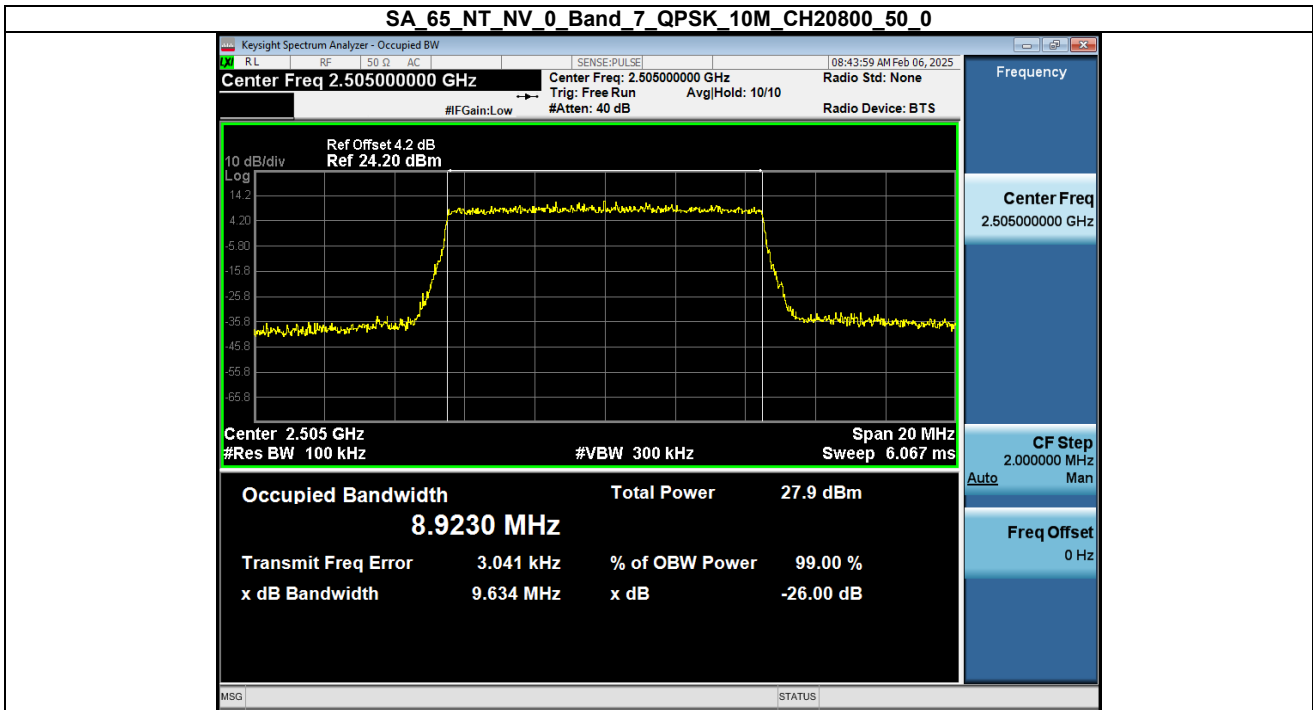
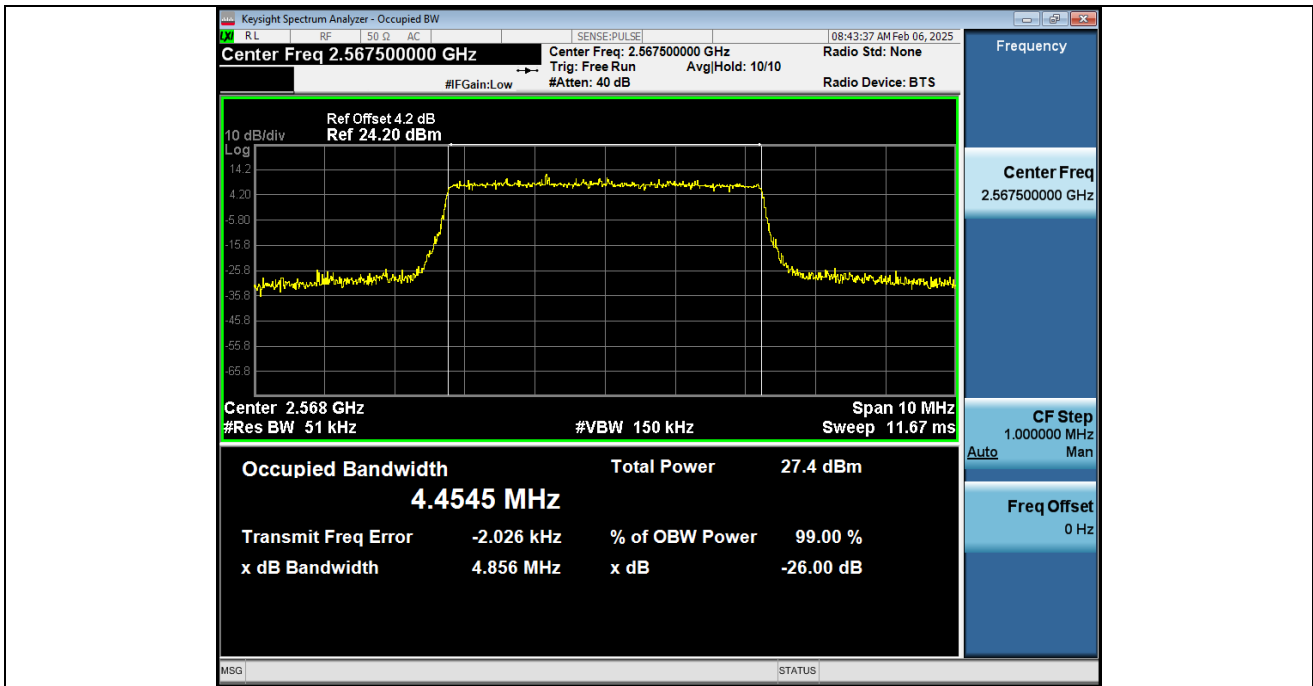
SA 65_NT_NV_0 Band 7 16QAM 5M CH21100_25_0



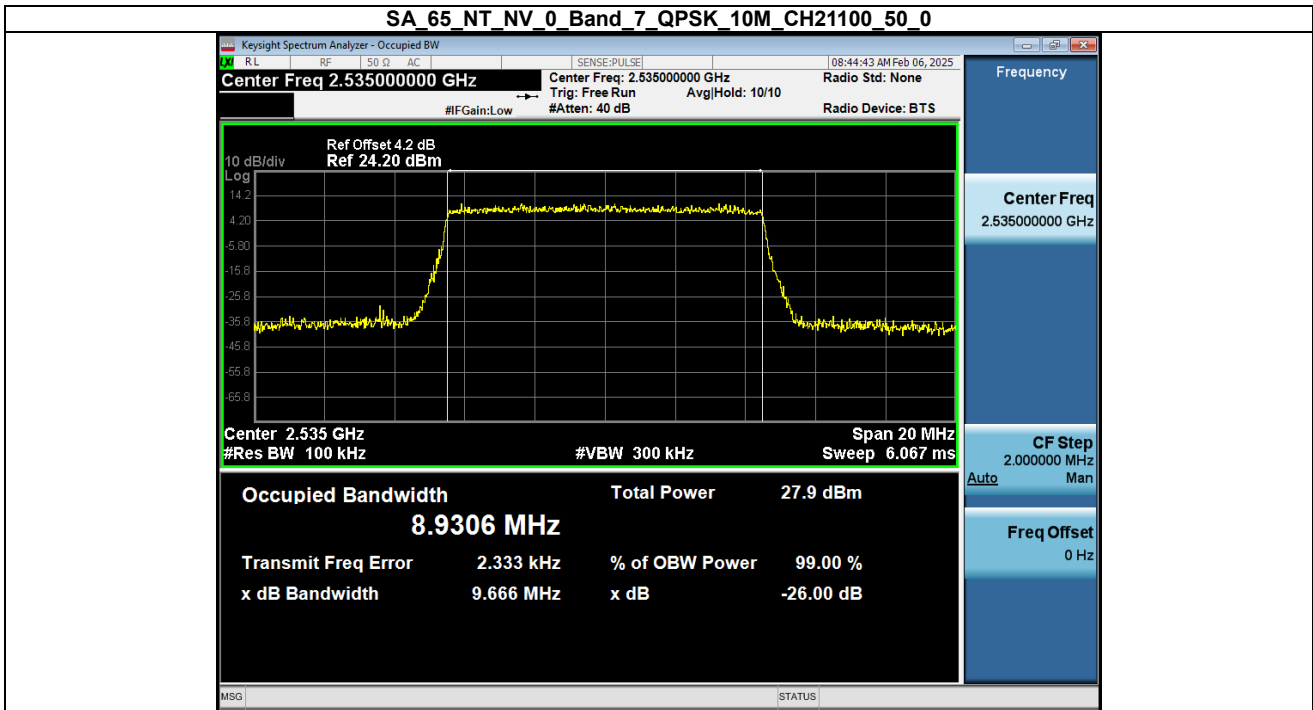
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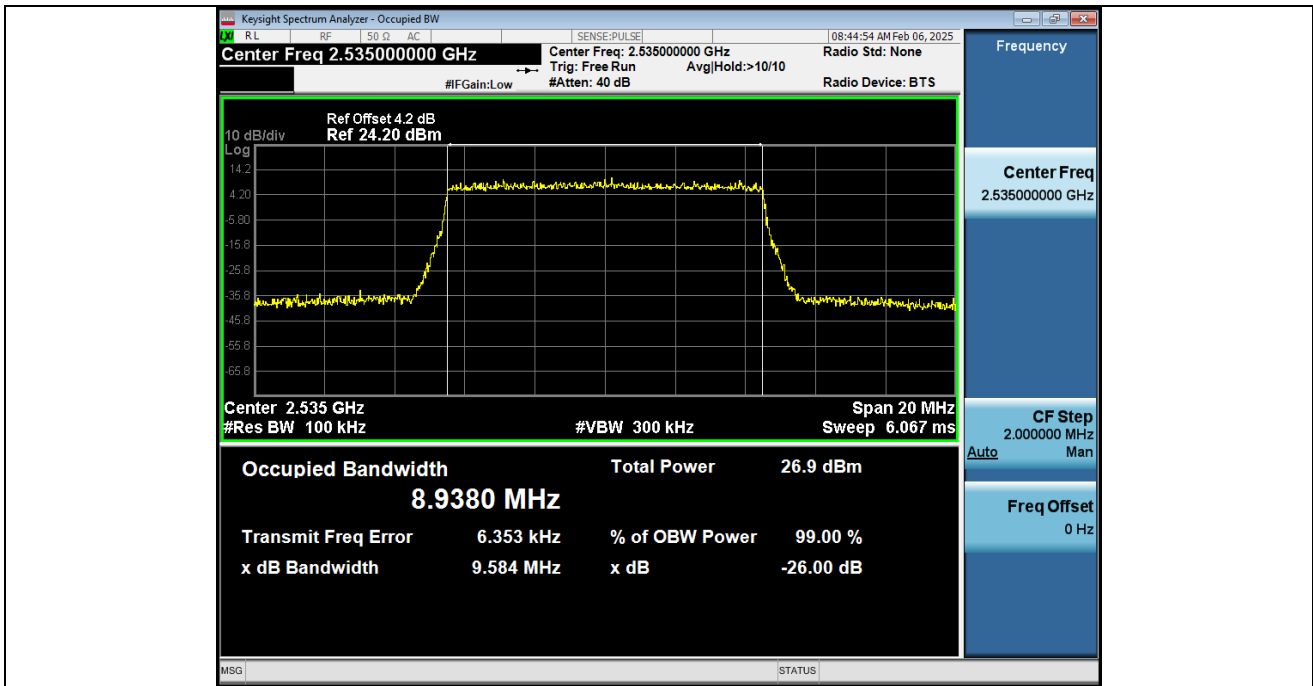
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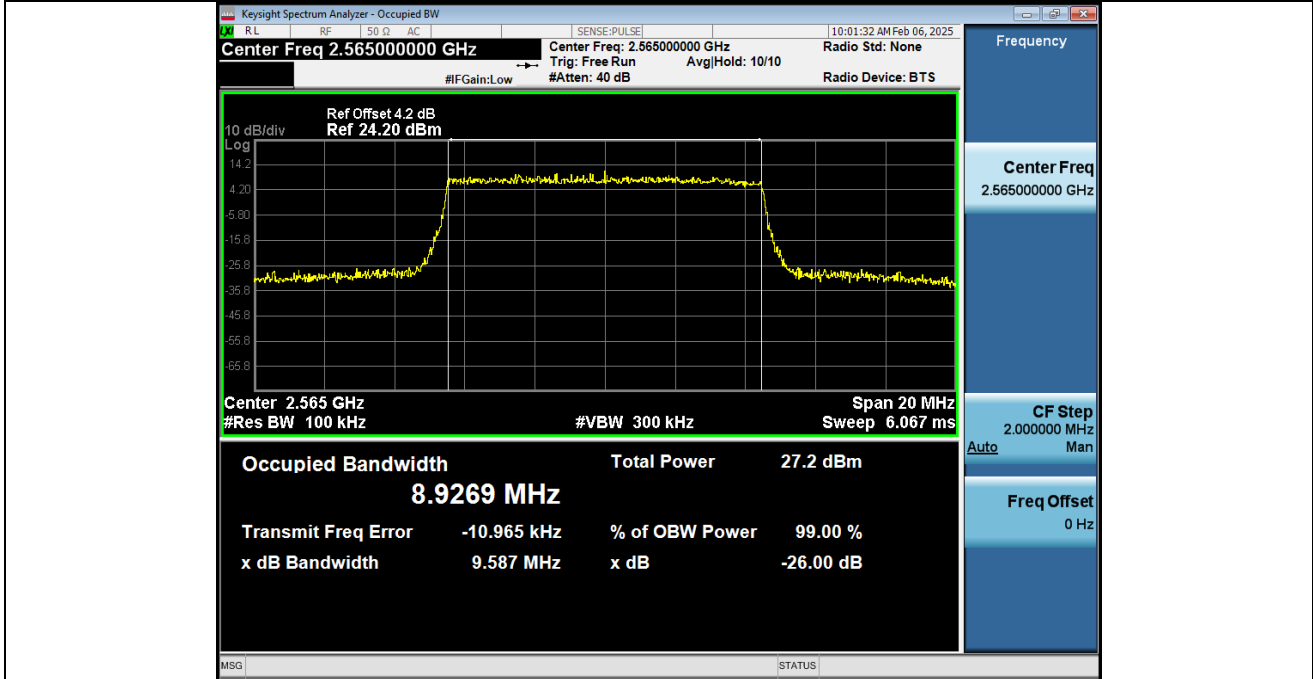
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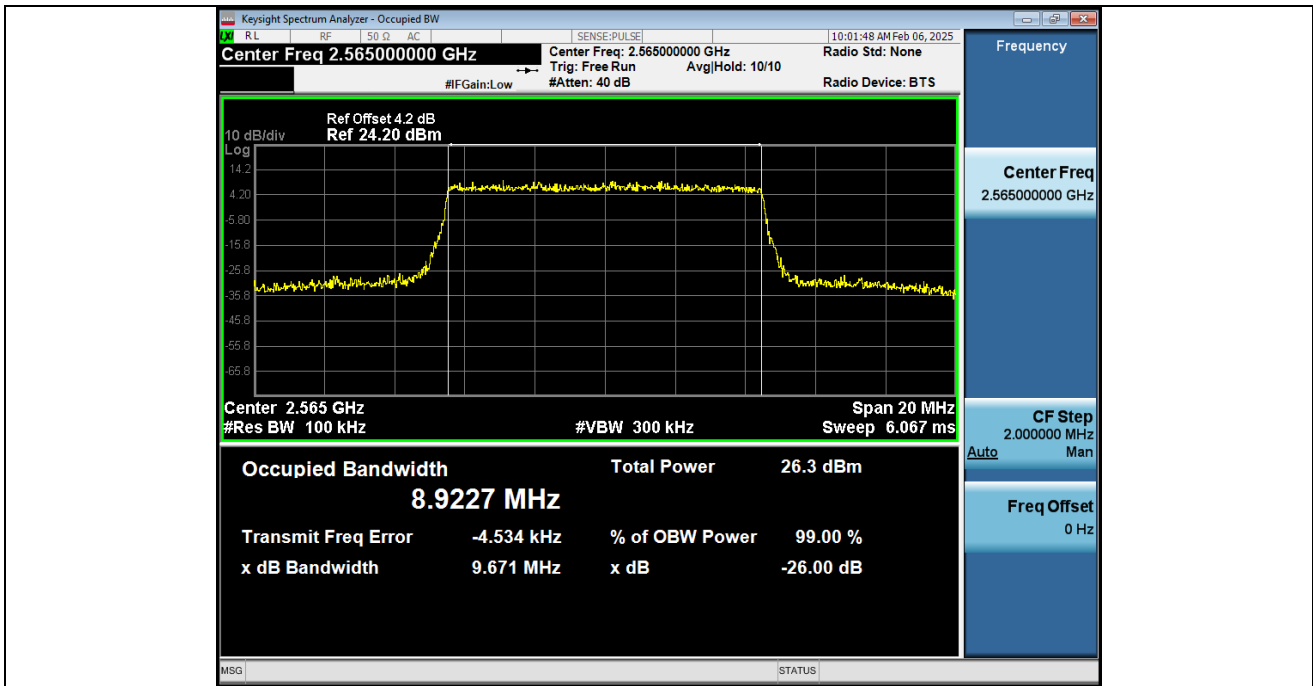
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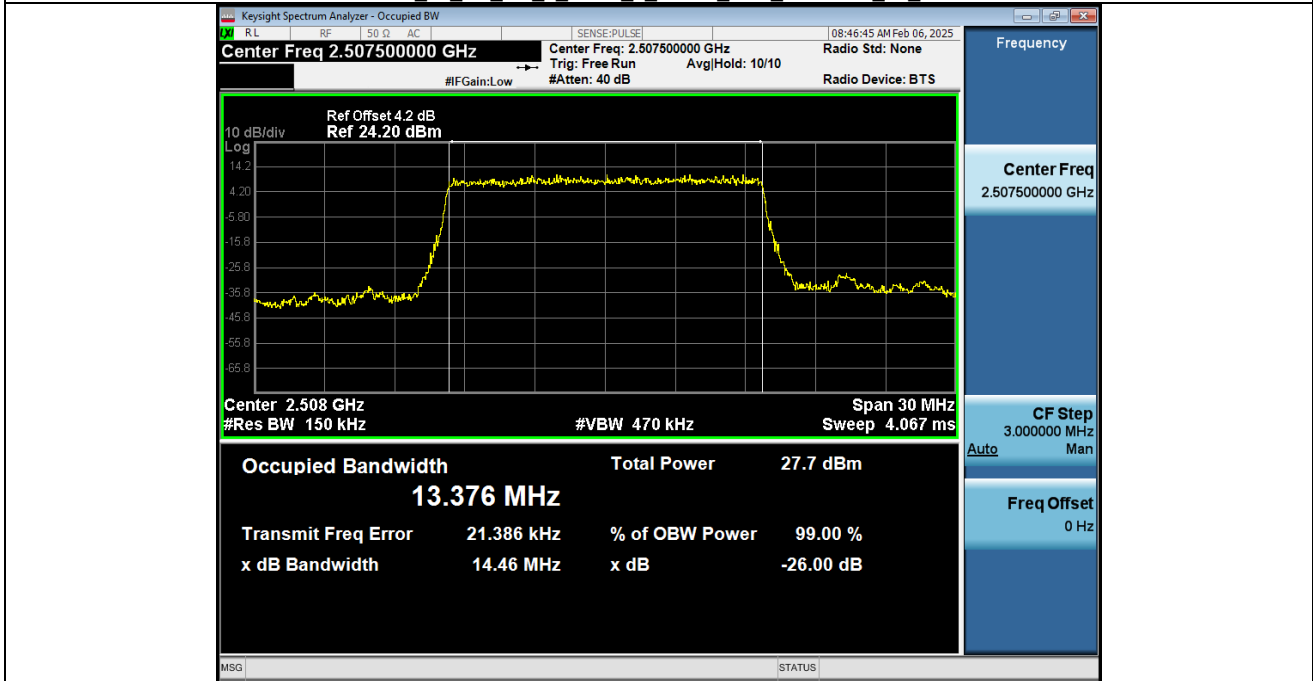
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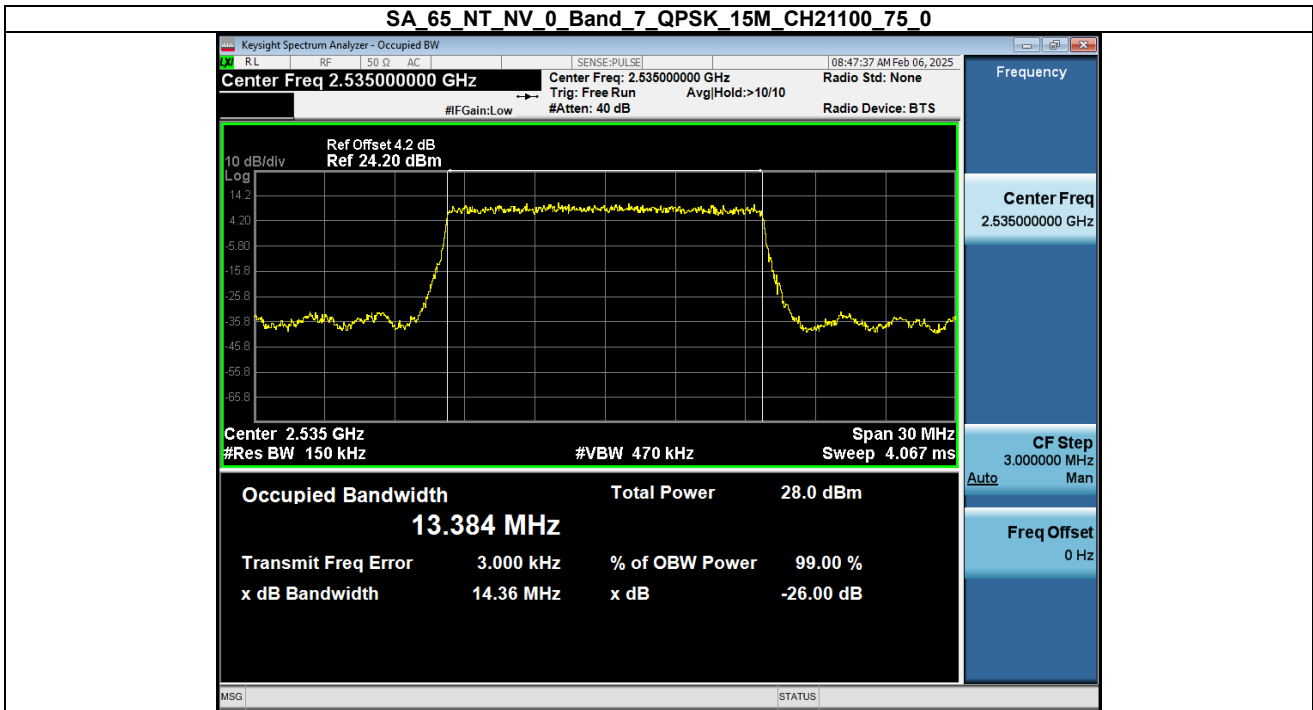
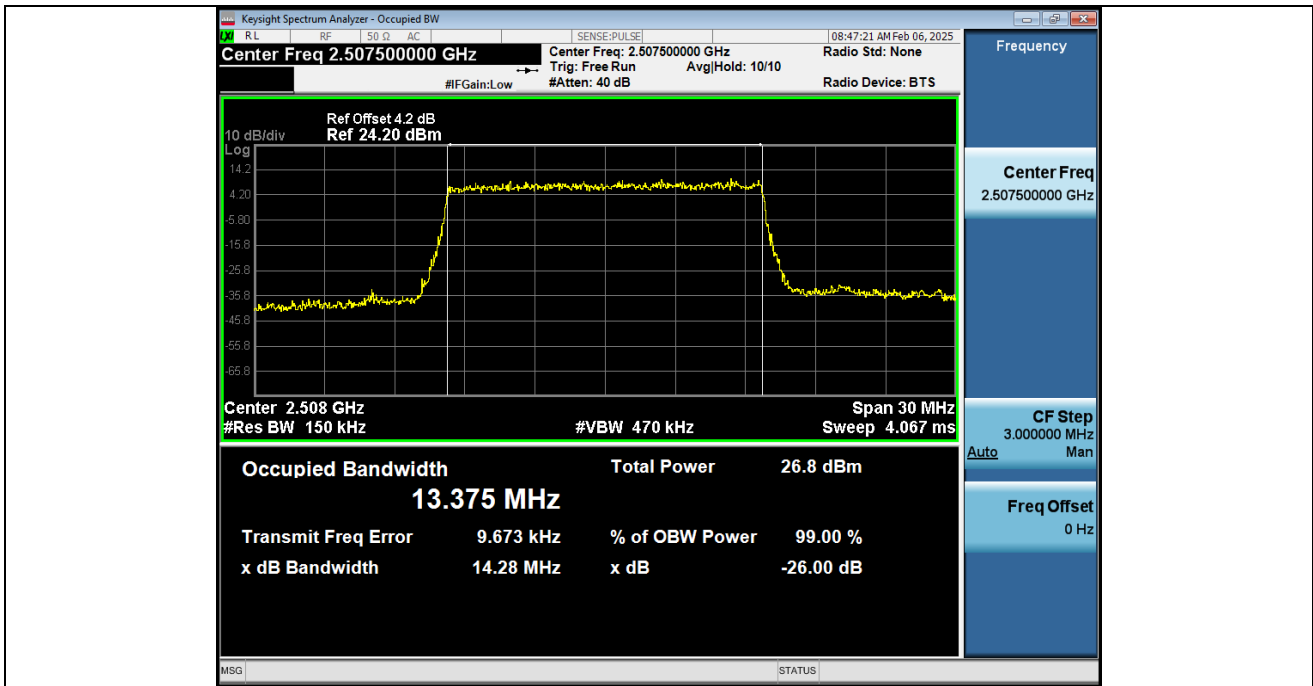
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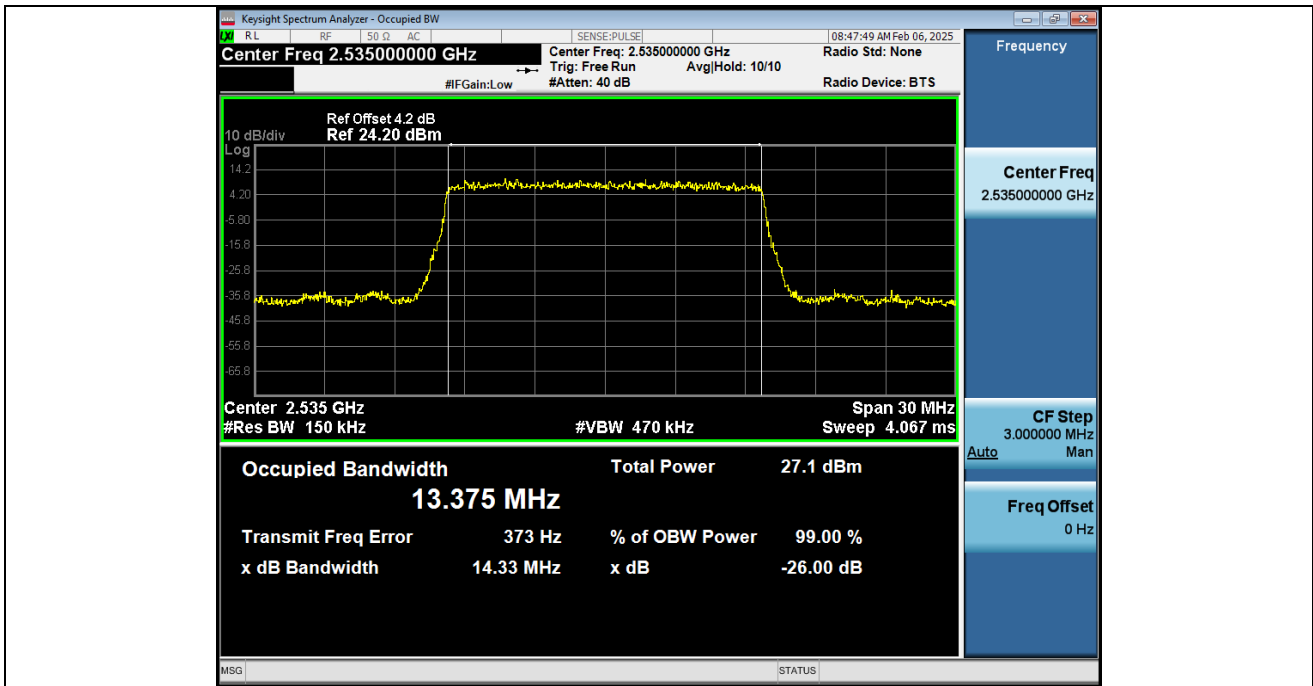
SA_65_NT_NV_0_Band_7_QPSK_15M_CH20825_75_0



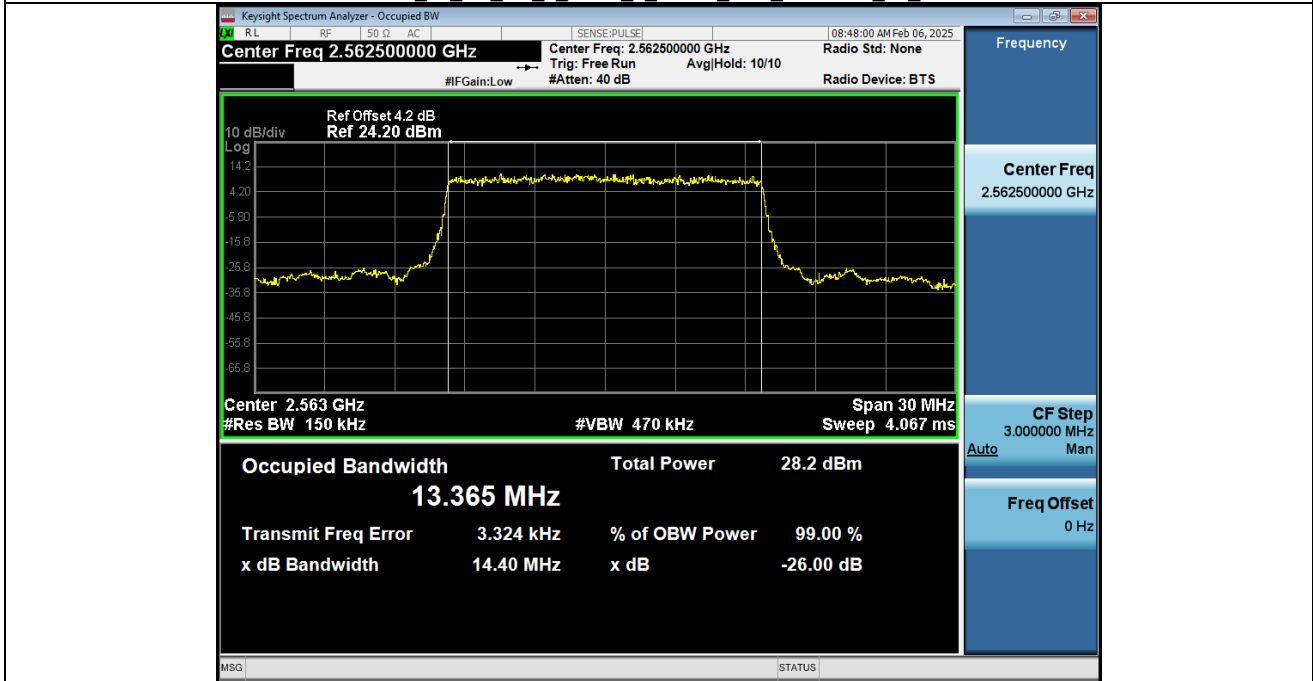
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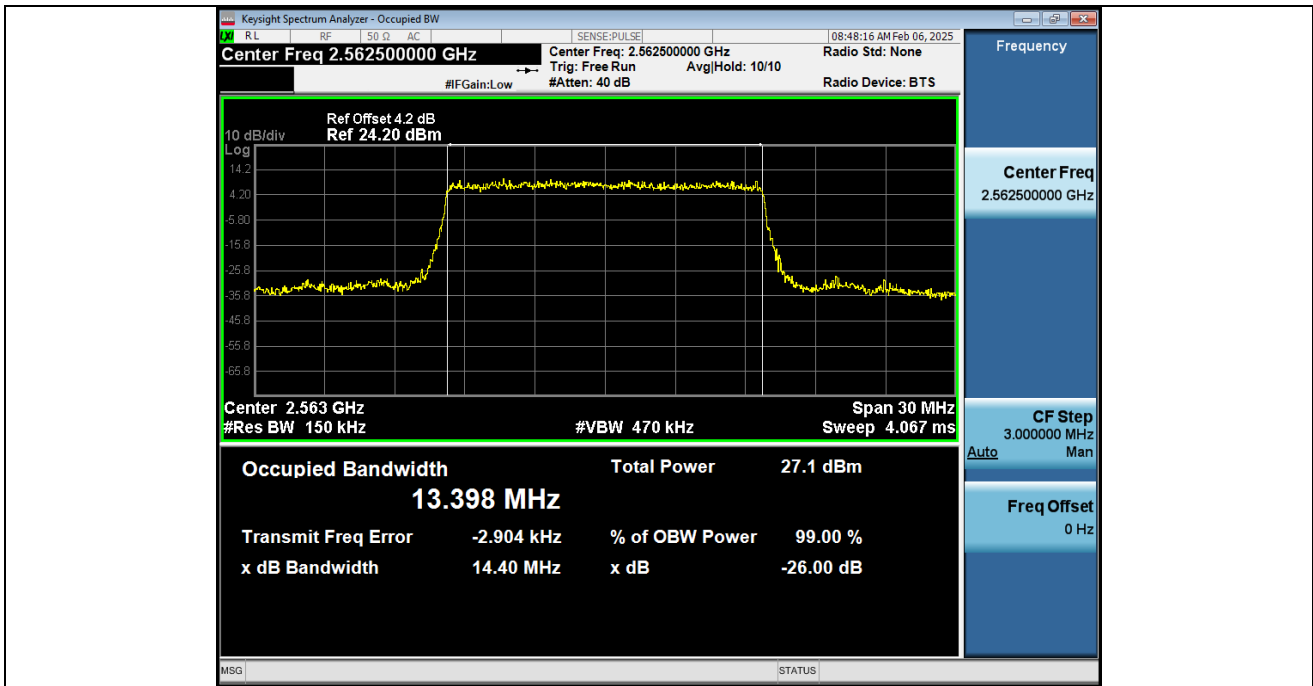
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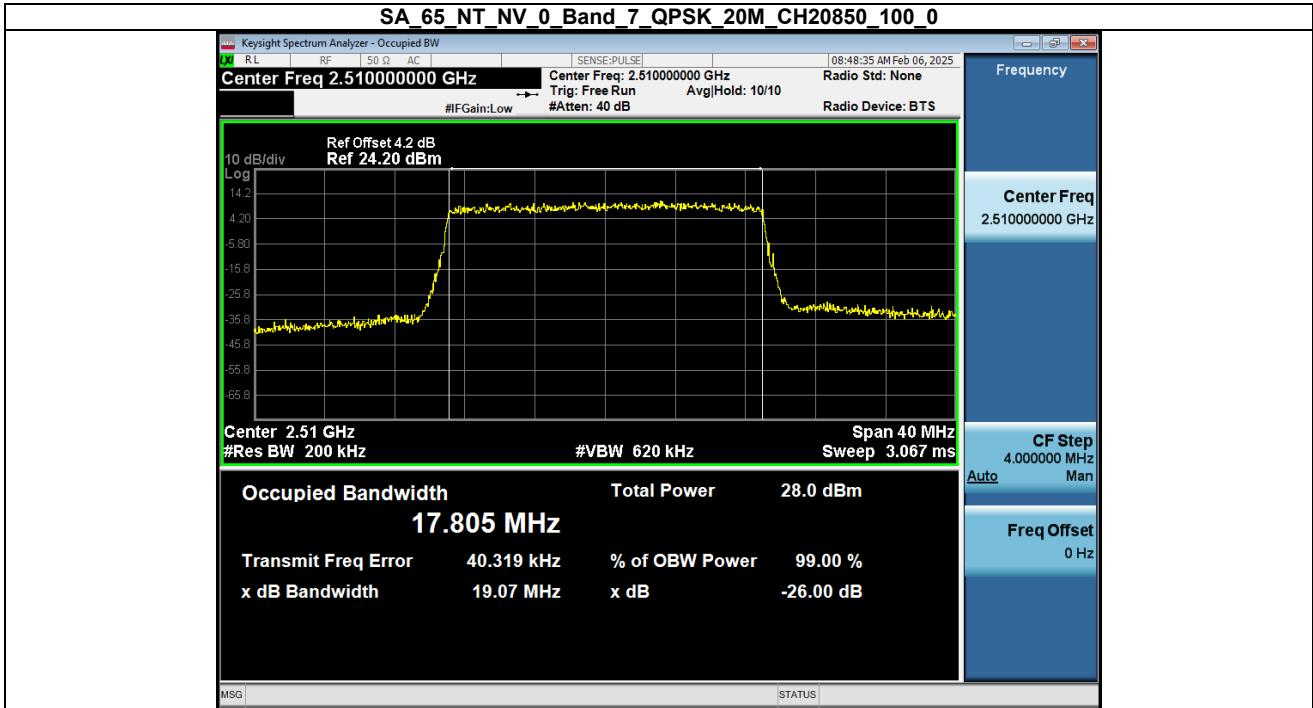
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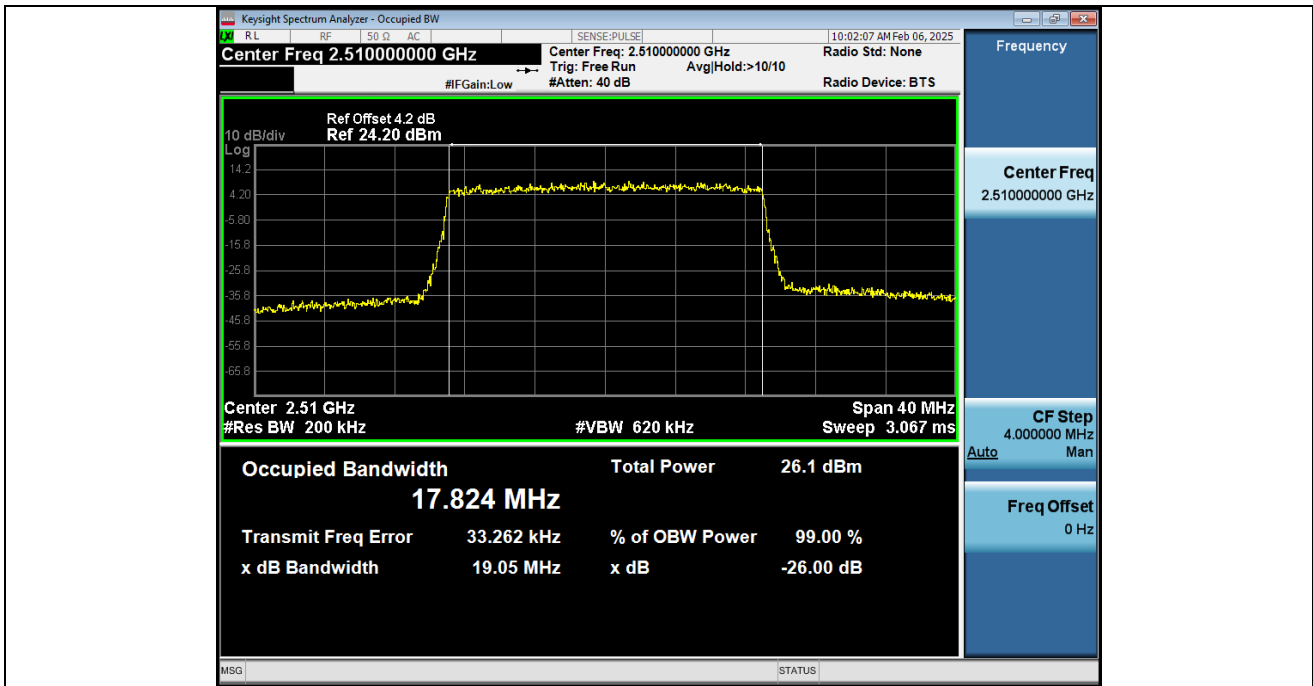
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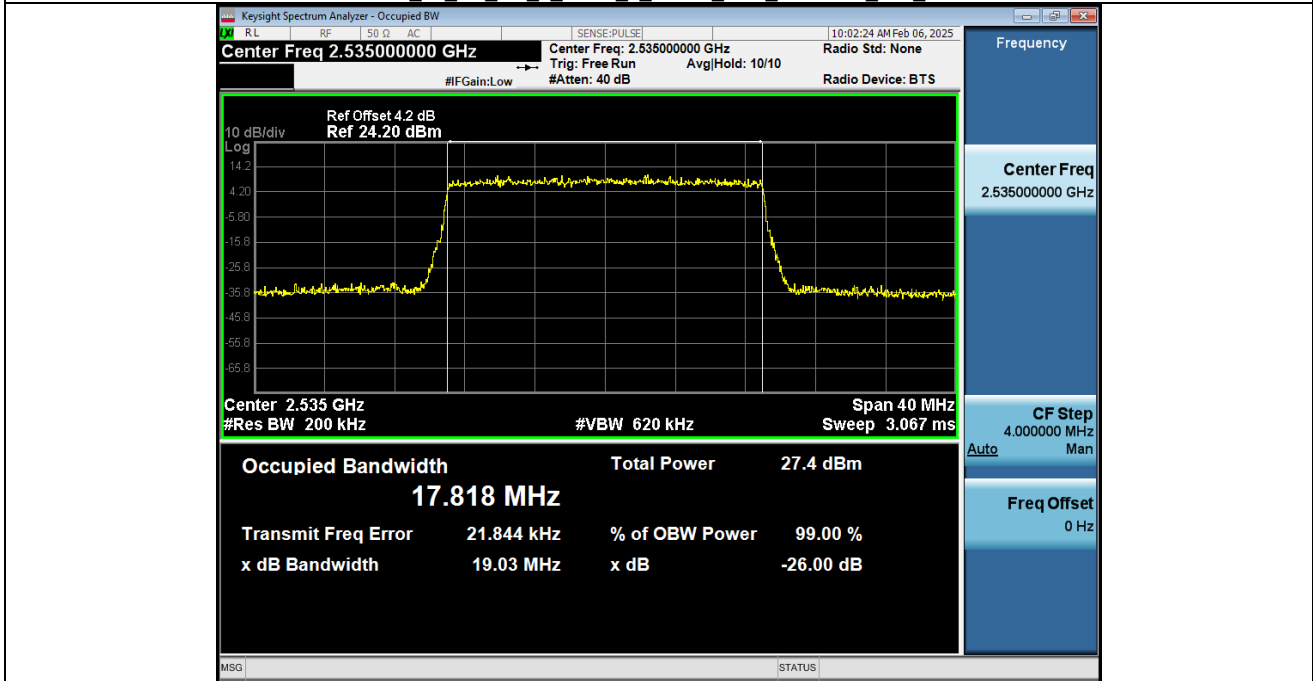
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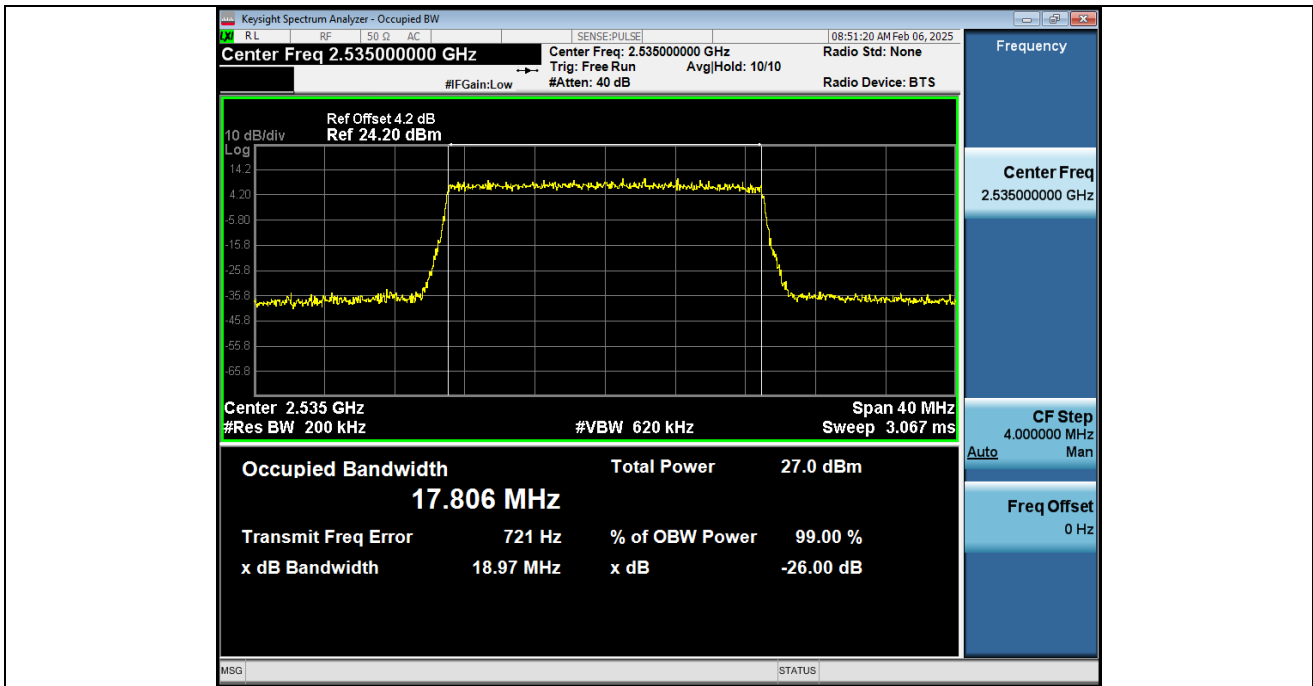
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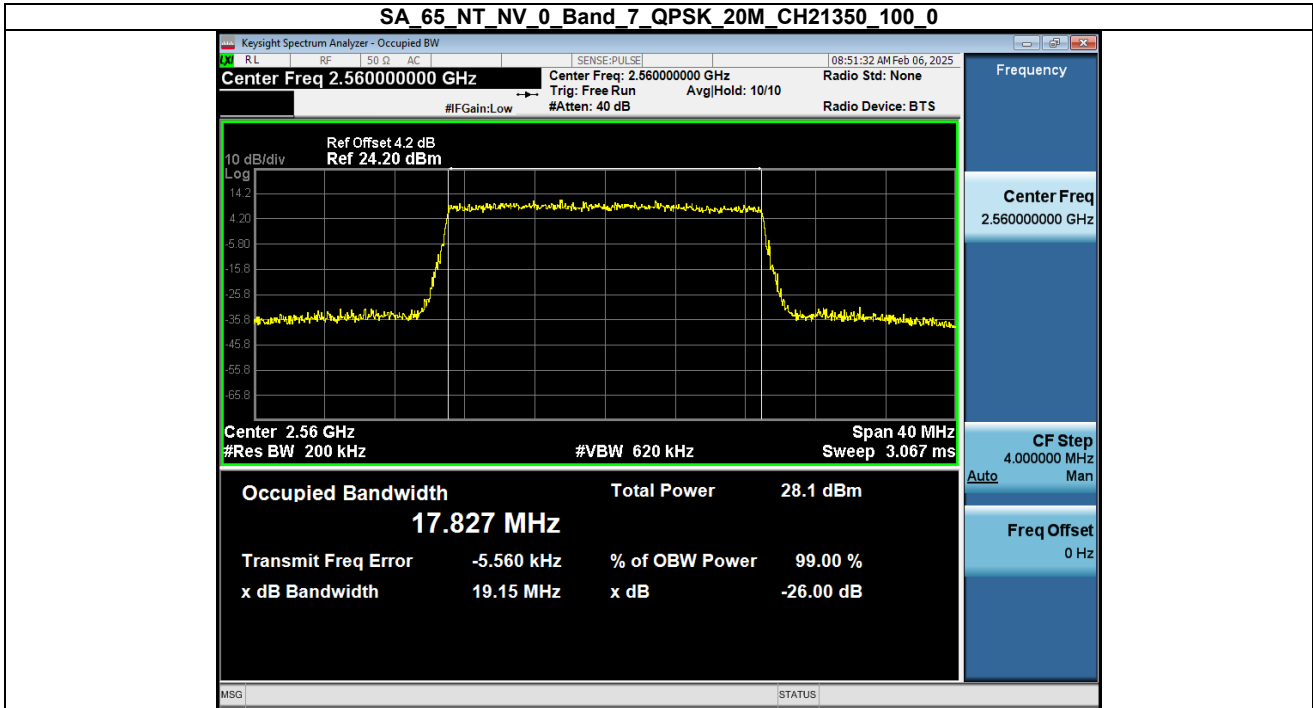
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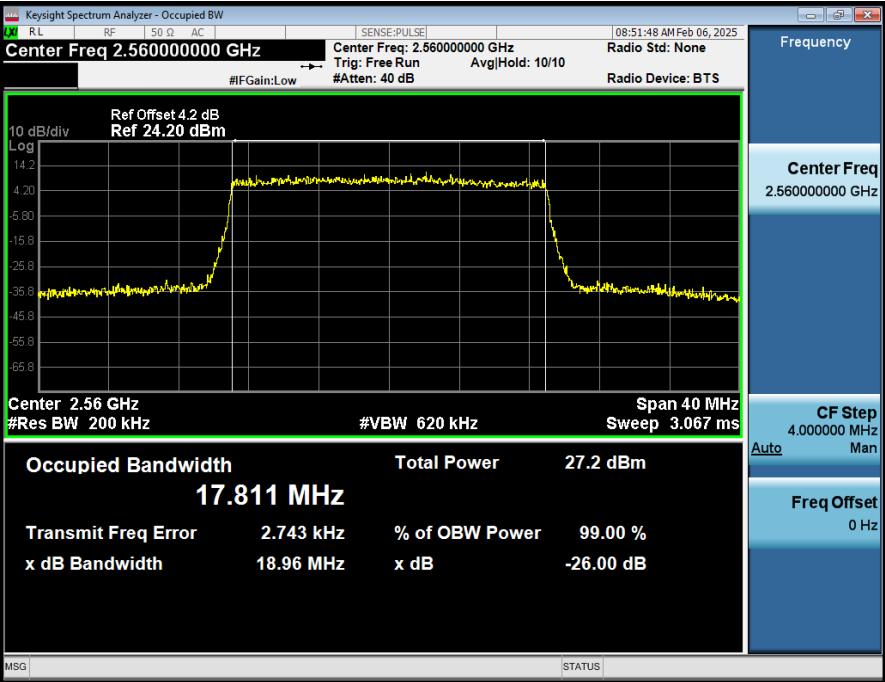
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SA_65_NT_NV_0_Band_7_QPSK_20M_CH21350_100_0



SA_65_NT_NV_0_Band_7_16QAM_20M_CH21350_100_0



4. Unwanted Spurious Emission

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 7	QPSK	5M	2502.5	1	0	1000	2475.0~2495.0	2491.723	-49.27	-25	Pass
NV_NT	Band 7	QPSK	5M	2502.5	1	0	1000	2495.0~2496.0	2495.986	-47.67	-13	Pass
NV_NT	Band 7	QPSK	5M	2502.5	1	0	1000	2496.0~2499.0	2498.938	-23.08	-10	Pass
NV_NT	Band 7	QPSK	5M	2502.5	1	0	100.0	2499.0~2500.0	2499.999	-17.26	-10	Pass
NV_NT	Band 7	QPSK	5M	2502.5	25	0	1000	2475.0~2495.0	2494.884	-44.66	-25	Pass
NV_NT	Band 7	QPSK	5M	2502.5	25	0	1000	2495.0~2496.0	2495.869	-39.32	-13	Pass
NV_NT	Band 7	QPSK	5M	2502.5	25	0	1000	2496.0~2499.0	2498.836	-32.83	-10	Pass
NV_NT	Band 7	QPSK	5M	2502.5	25	0	100.0	2499.0~2500.0	2500.000	-34.22	-10	Pass
NV_NT	Band 7	QPSK	5M	2502.5	1	0	1	0.009~0.150	0.098	-49.05	-25	Pass
NV_NT	Band 7	QPSK	5M	2502.5	1	0	10	0.150~30.000	1.384	-29.13	-25	Pass
NV_NT	Band 7	QPSK	5M	2502.5	1	0	100	30.000~1000.000	956.544	-61.61	-25	Pass
NV_NT	Band 7	QPSK	5M	2502.5	1	0	1000	1000.000~2475.000	2464.085	-53.62	-25	Pass
NV_NT	Band 7	QPSK	5M	2502.5	1	0	1000	2590.000~26500.000	24410.266	-41.98	-25	Pass
NV_NT	Band 7	16QAM	5M	2502.5	1	0	1000	2475.0~2495.0	2491.685	-35.54	-25	Pass
NV_NT	Band 7	16QAM	5M	2502.5	1	0	1000	2495.0~2496.0	2495.990	-28.12	-13	Pass
NV_NT	Band 7	16QAM	5M	2502.5	1	0	1000	2496.0~2499.0	2496.054	-27.89	-10	Pass
NV_NT	Band 7	16QAM	5M	2502.5	1	0	100.0	2499.0~2500.0	2499.999	-16.37	-10	Pass
NV_NT	Band 7	16QAM	5M	2502.5	25	0	1000	2475.0~2495.0	2494.986	-38.51	-25	Pass
NV_NT	Band 7	16QAM	5M	2502.5	25	0	1000	2495.0~2496.0	2495.191	-36.57	-13	Pass
NV_NT	Band 7	16QAM	5M	2502.5	25	0	1000	2496.0~2499.0	2498.818	-31.21	-10	Pass
NV_NT	Band 7	16QAM	5M	2502.5	25	0	100.0	2499.0~2500.0	2499.997	-22.82	-10	Pass
NV_NT	Band 7	16QAM	5M	2502.5	1	0	1	0.009~0.150	10.000	-1000.00	-25	Pass
NV_NT	Band 7	16QAM	5M	2502.5	1	0	10	0.150~30.000	0.154	-54.12	-25	Pass
NV_NT	Band 7	16QAM	5M	2502.5	1	0	100	30.000~1000.000	418.485	-56.07	-25	Pass
NV_NT	Band 7	16QAM	5M	2502.5	1	0	1000	1000.000~2475.000	2473.378	-53.48	-25	Pass
NV_NT	Band 7	16QAM	5M	2502.5	1	0	1000	2590.000~26500.000	23879.464	-42.09	-25	Pass
NV_NT	Band 7	QPSK	5M	2535.0	25	0	1	0.009~0.150	0.098	-53.67	-25	Pass
NV_NT	Band 7	QPSK	5M	2535.0	25	0	10	0.150~30.000	0.157	-55.86	-25	Pass
NV_NT	Band 7	QPSK	5M	2535.0	25	0	100	30.000~1000.000	954.054	-61.95	-25	Pass
NV_NT	Band 7	QPSK	5M	2535.0	25	0	1000	1000.000~2475.000	2472.296	-53.66	-25	Pass
NV_NT	Band 7	QPSK	5M	2535.0	25	0	1000	2580.000~26500.000	24386.269	-42.12	-25	Pass
NV_NT	Band 7	16QAM	5M	2535.0	25	0	1	0.009~0.150	0.098	-53.44	-25	Pass
NV_NT	Band 7	16QAM	5M	2535.0	25	0	10	0.150~30.000	0.150	-55.12	-25	Pass
NV_NT	Band 7	16QAM	5M	2535.0	25	0	100	30.000~1000.000	997.284	-61.58	-25	Pass

	d 7							0				
NV_NT	Ban d 7	16QAM	5M	2535.0	25	0	1000	1000.000~2475. 000	2232.31 3	-53.76	-25	Pass
NV_NT	Ban d 7	16QAM	5M	2535.0	25	0	1000	2580.000~26500 .000	24399.0 27	-41.80	-25	Pass
NV_NT	Ban d 7	QPSK	5M	2567.5	1	24	100.0	2570.0~2571.0	2570.00 1	-14.85	-10	Pass
NV_NT	Ban d 7	QPSK	5M	2567.5	1	24	1000	2571.0~2575.0	2574.01 1	-20.67	-10	Pass
NV_NT	Ban d 7	QPSK	5M	2567.5	1	24	1000	2575.0~2576.0	2575.20 3	-48.65	-13	Pass
NV_NT	Ban d 7	QPSK	5M	2567.5	1	24	1000	2576.0~2580.0	2578.29 6	-35.28	-25	Pass
NV_NT	Ban d 7	QPSK	5M	2567.5	25	0	100.0	2570.0~2571.0	2570.00 7	-22.43	-10	Pass
NV_NT	Ban d 7	QPSK	5M	2567.5	25	0	1000	2571.0~2575.0	2571.02 1	-17.63	-10	Pass
NV_NT	Ban d 7	QPSK	5M	2567.5	25	0	1000	2575.0~2576.0	2575.00 5	-34.95	-13	Pass
NV_NT	Ban d 7	QPSK	5M	2567.5	25	0	1000	2576.0~2580.0	2576.06 6	-35.17	-25	Pass
NV_NT	Ban d 7	QPSK	5M	2567.5	1	24	1	0.009~0.150	0.098	-53.36	-25	Pass
NV_NT	Ban d 7	QPSK	5M	2567.5	1	24	10	0.150~30.000	0.168	-56.26	-25	Pass
NV_NT	Ban d 7	QPSK	5M	2567.5	1	24	100	30.000~1000.00 0	782.170	-61.82	-25	Pass
NV_NT	Ban d 7	QPSK	5M	2567.5	1	24	1000	1000.000~2475. 000	2453.66 2	-53.69	-25	Pass
NV_NT	Ban d 7	QPSK	5M	2567.5	1	24	1000	2590.000~26500 .000	24404.6 87	-42.30	-25	Pass
NV_NT	Ban d 7	16QAM	5M	2567.5	1	24	100.0	2570.0~2571.0	2570.00 3	-15.59	-10	Pass
NV_NT	Ban d 7	16QAM	5M	2567.5	1	24	1000	2571.0~2575.0	2574.00 0	-22.11	-10	Pass
NV_NT	Ban d 7	16QAM	5M	2567.5	1	24	1000	2575.0~2576.0	2575.01 2	-48.90	-13	Pass
NV_NT	Ban d 7	16QAM	5M	2567.5	1	24	1000	2576.0~2580.0	2578.32 1	-38.86	-25	Pass
NV_NT	Ban d 7	16QAM	5M	2567.5	25	0	100.0	2570.0~2571.0	2570.00 7	-23.75	-10	Pass
NV_NT	Ban d 7	16QAM	5M	2567.5	25	0	1000	2571.0~2575.0	2571.03 5	-20.18	-10	Pass
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NV_NT	Ban d 7	16QAM	5M	2567.5	1	24	10	0.150~30.000	0.193	-55.29	-25	Pass
NV_NT	Ban d 7	16QAM	5M	2567.5	1	24	100	30.000~1000.00 0	790.997	-61.57	-25	Pass
NV_NT	Ban d 7	16QAM	5M	2567.5	1	24	1000	1000.000~2475. 000	2462.90 5	-53.82	-25	Pass
NV_NT	Ban d 7	16QAM	5M	2567.5	1	24	1000	2590.000~26500 .000	24366.4 31	-42.35	-25	Pass
NV_NT	Ban d 7	QPSK	10M	2505.0	1	0	1000	2475.0~2490.5	2486.90 2	-53.21	-25	Pass
NV_NT	Ban d 7	QPSK	10M	2505.0	1	0	1000	2490.5~2496.0	2492.91 1	-53.17	-13	Pass
NV_NT	Ban d 7	QPSK	10M	2505.0	1	0	1000	2496.0~2499.0	2498.20 3	-53.61	-10	Pass
NV_NT	Ban d 7	QPSK	10M	2505.0	1	0	200.0	2499.0~2500.0	2499.99 8	-18.76	-10	Pass
NV_NT	Ban d 7	QPSK	10M	2505.0	50	0	1000	2475.0~2490.5	2490.27 3	-40.23	-25	Pass
NV_NT	Ban d 7	QPSK	10M	2505.0	50	0	1000	2490.5~2496.0	2495.45 7	-29.85	-13	Pass
NV_NT	Ban d 7	QPSK	10M	2505.0	50	0	1000	2496.0~2499.0	2497.08 7	-27.73	-10	Pass
NV_NT	Ban d 7	QPSK	10M	2505.0	50	0	200.0	2499.0~2500.0	2499.99 8	-30.33	-10	Pass
NV_NT	Ban d 7	QPSK	10M	2505.0	1	0	1	0.009~0.150	0.098	-52.40	-25	Pass
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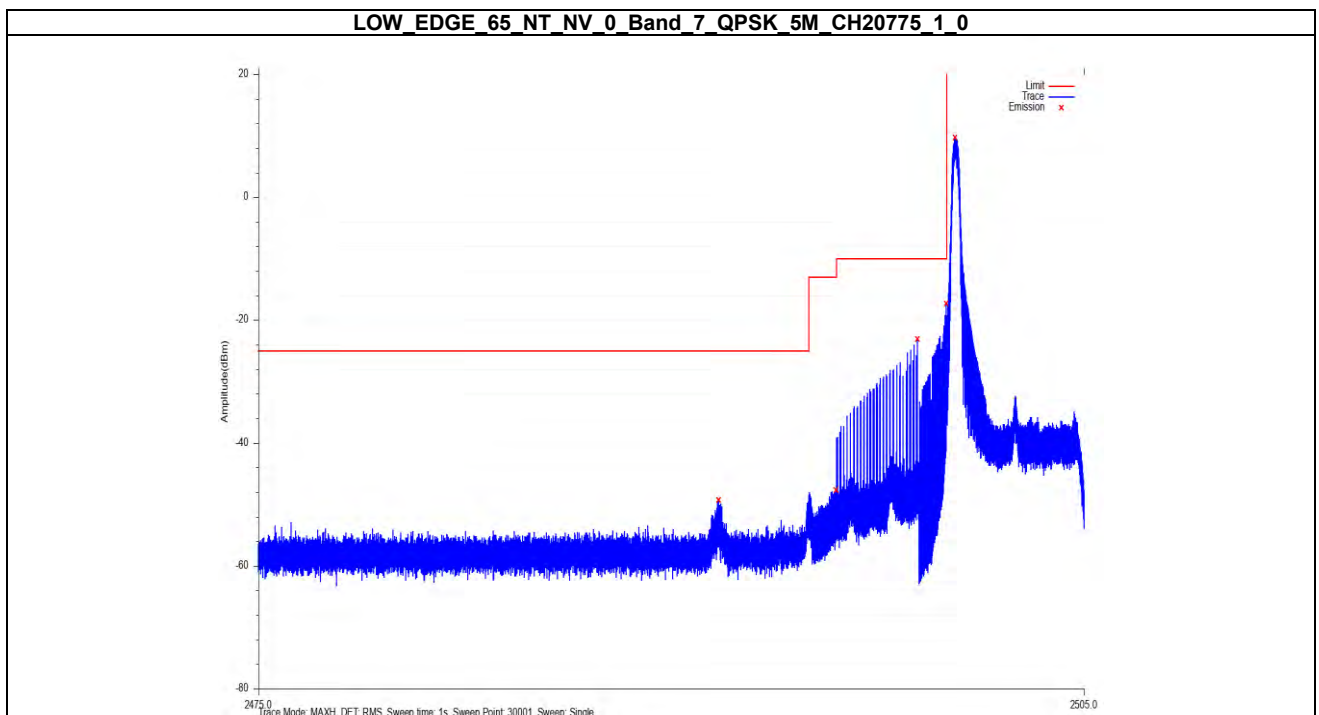
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NV_NT	Ban d 7	QPSK	10M	2505.0	1	0	1000	2610.000~26500 .000	24340.3 44	-42.04	-25	Pass
NV_NT	Ban d 7	16QAM	10M	2505.0	1	0	1000	2475.0~2490.5	2482.96 2	-48.10	-25	Pass
NV_NT	Ban d 7	16QAM	10M	2505.0	1	0	1000	2490.5~2496.0	2492.98 9	-44.32	-13	Pass
NV_NT	Ban d 7	16QAM	10M	2505.0	1	0	1000	2496.0~2499.0	2496.18 0	-42.89	-10	Pass
NV_NT	Ban d 7	16QAM	10M	2505.0	1	0	200.0	2499.0~2500.0	2499.99 7	-25.22	-10	Pass
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NV_NT	Ban d 7	16QAM	10M	2505.0	1	0	100	30.000~1000.00 0	977.722	-62.21	-25	Pass
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NV_NT	Ban d 7	QPSK	10M	2535.0	50	0	1	0.009~0.150	0.098	-52.97	-25	Pass
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NV_NT	Ban d 7	QPSK	10M	2535.0	50	0	100	30.000~1000.00 0	992.596	-61.83	-25	Pass
NV_NT	Ban d 7	QPSK	10M	2535.0	50	0	1000	1000.000~2475. 000	2446.23 8	-53.50	-25	Pass
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NV_NT	Ban d 7	16QAM	10M	2535.0	50	0	1	0.009~0.150	0.098	-52.93	-25	Pass
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NV_NT	Ban d 7	QPSK	10M	2565.0	1	49	200.0	2570.0~2571.0	2570.00 1	-25.71	-10	Pass
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NV_NT	Ban d 7	QPSK	10M	2565.0	50	0	1000	2571.0~2575.0	2571.08 1	-38.24	-10	Pass
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	d 7							.000	91			
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NV_NT	Ban d 7	16QAM	10M	2565.0	1	49	1000	2571.0~2575.0	2571.10 0	-43.05	-10	Pass
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NV_NT	Ban d 7	16QAM	10M	2565.0	50	0	200.0	2570.0~2571.0	2570.00 5	-39.19	-10	Pass
NV_NT	Ban d 7	16QAM	10M	2565.0	50	0	1000	2571.0~2575.0	2571.31 5	-38.05	-10	Pass
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NV_NT	Ban d 7	16QAM	10M	2565.0	1	49	1000	1000.000~2475. 000	2375.58 5	-53.70	-25	Pass
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NV_NT	Ban d 7	QPSK	15M	2507.5	1	0	1000	2475.0~2490.5	2487.51 3	-25.48	-25	Pass
NV_NT	Ban d 7	QPSK	15M	2507.5	1	0	1000	2490.5~2496.0	2494.21 5	-46.30	-13	Pass
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NV_NT	Ban d 7	16QAM	15M	2507.5	1	0	1000	2496.0~2499.0	2498.04 5	-43.76	-10	Pass
NV_NT	Ban d 7	16QAM	15M	2507.5	1	0	300.0	2499.0~2500.0	2499.99 6	-27.21	-10	Pass
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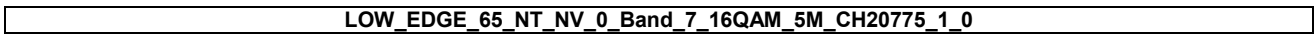
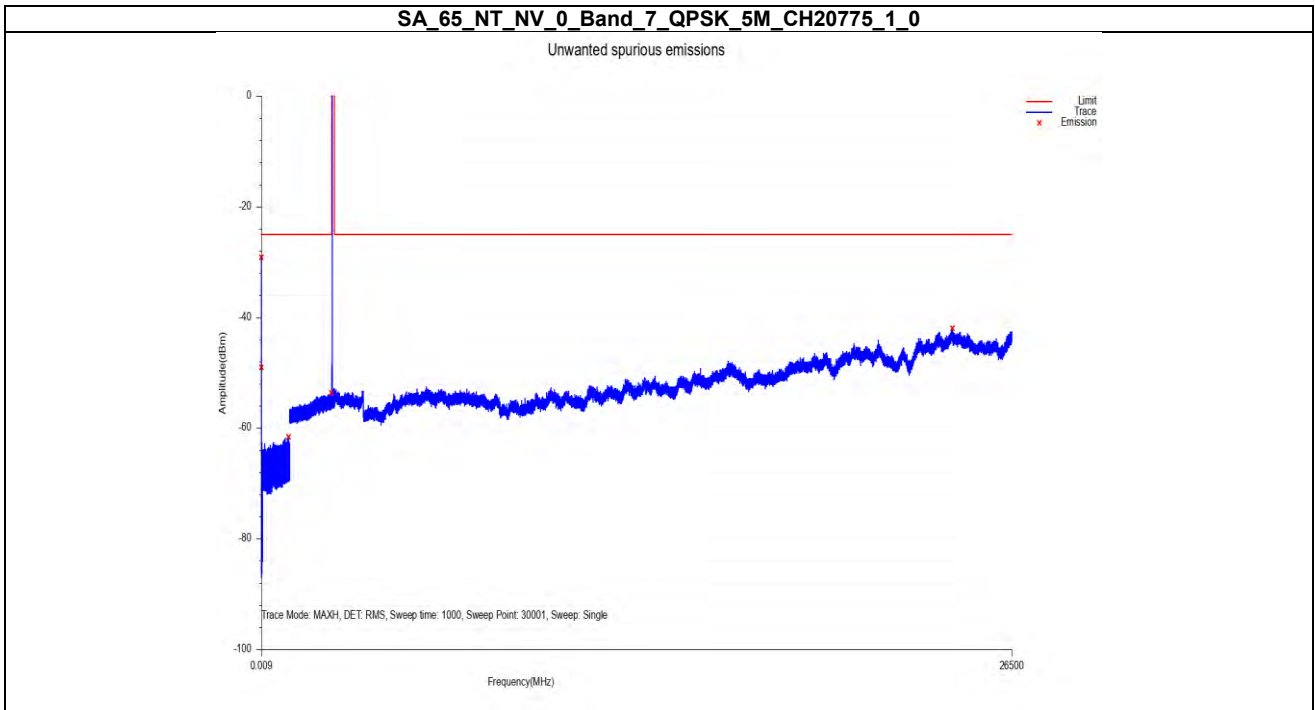
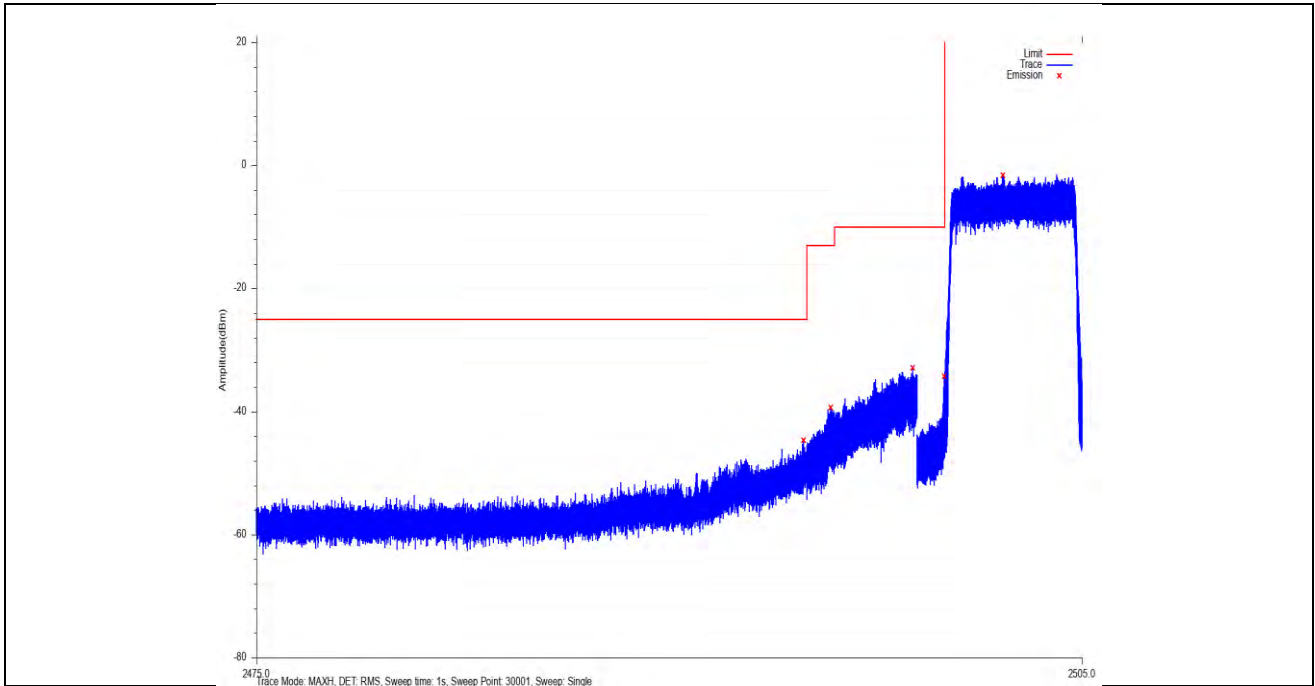
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NV_NT	Ban d 7	QPSK	15M	2562.5	75	0	1000	2585.0~2600.0	2585.54 3	-44.84	-25	Pass
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NV_NT	Ban d 7	16QAM	15M	2562.5	75	0	1000	2575.0~2585.0	2578.65 2	-40.49	-13	Pass
NV_NT	Ban d 7	16QAM	15M	2562.5	75	0	1000	2585.0~2600.0	2585.22 2	-45.91	-25	Pass
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NV_NT	Ban d 7	QPSK	20M	2510.0	100	0	1000	2475.0~2490.5	2490.23 1	-38.89	-25	Pass
NV_NT	Ban	QPSK	20M	2510.0	100	0	1000	2490.5~2496.0	2495.71	-35.73	-13	Pass

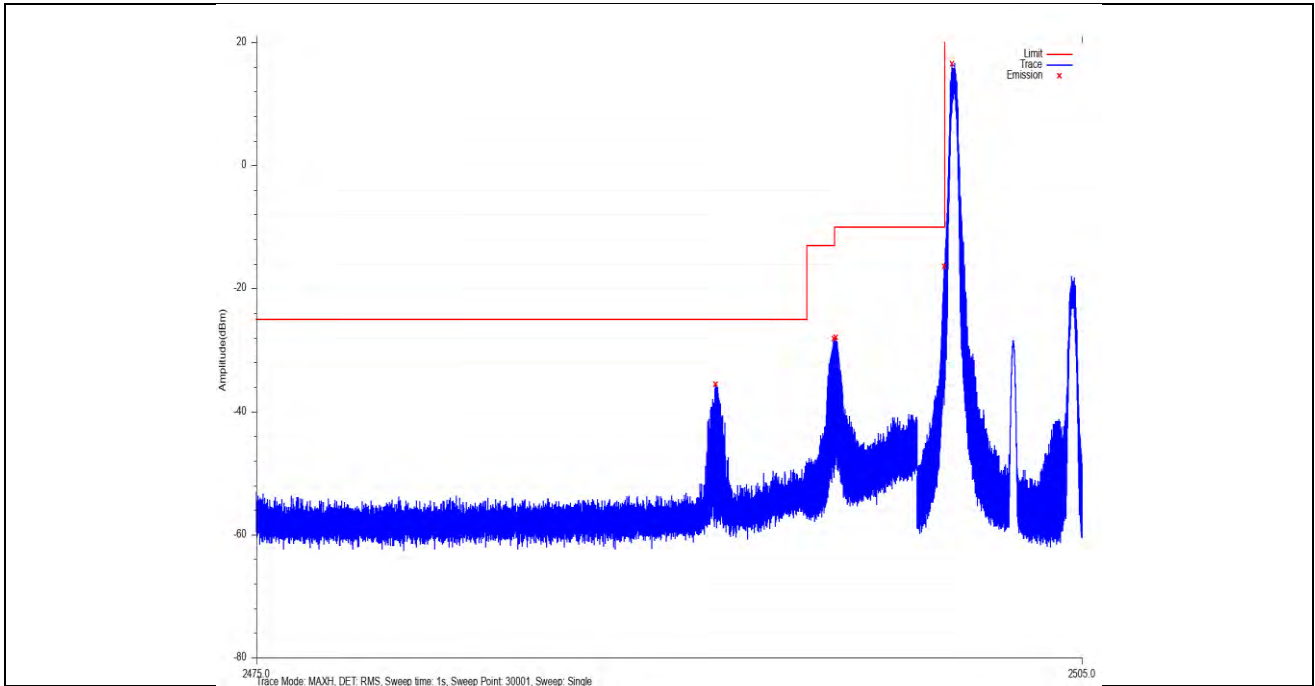
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NV_NT	Ban d 7	QPSK	20M	2510.0	1	0	1000	2496.0~2499.0	2498.95 7	-41.19	-10	Pass
NV_NT	Ban d 7	QPSK	20M	2510.0	1	0	400.0	2499.0~2500.0	2499.99 5	-22.93	-10	Pass
NV_NT	Ban d 7	QPSK	20M	2510.0	1	0	1	0.009~0.150	0.098	-53.60	-25	Pass
NV_NT	Ban d 7	QPSK	20M	2510.0	1	0	10	0.150~30.000	0.154	-55.99	-25	Pass
NV_NT	Ban d 7	QPSK	20M	2510.0	1	0	100	30.000~1000.00 0	766.586	-62.11	-25	Pass
NV_NT	Ban d 7	QPSK	20M	2510.0	1	0	1000	1000.000~2475. 000	2367.81 7	-53.58	-25	Pass
NV_NT	Ban d 7	QPSK	20M	2510.0	1	0	1000	2650.000~26500 .000	24392.4 55	-42.20	-25	Pass
NV_NT	Ban d 7	16QAM	20M	2510.0	100	0	1000	2475.0~2490.5	2490.04 0	-42.75	-25	Pass
NV_NT	Ban d 7	16QAM	20M	2510.0	100	0	1000	2490.5~2496.0	2495.83 5	-41.27	-13	Pass
NV_NT	Ban d 7	16QAM	20M	2510.0	100	0	1000	2496.0~2499.0	2498.69 4	-39.75	-10	Pass
NV_NT	Ban d 7	16QAM	20M	2510.0	100	0	400.0	2499.0~2500.0	2499.99 4	-44.78	-10	Pass
NV_NT	Ban d 7	16QAM	20M	2510.0	1	0	1000	2475.0~2490.5	2489.83 1	-47.46	-25	Pass
NV_NT	Ban d 7	16QAM	20M	2510.0	1	0	1000	2490.5~2496.0	2492.20 9	-39.13	-13	Pass
NV_NT	Ban d 7	16QAM	20M	2510.0	1	0	1000	2496.0~2499.0	2496.07 0	-42.95	-10	Pass
NV_NT	Ban d 7	16QAM	20M	2510.0	1	0	400.0	2499.0~2500.0	2499.99 3	-28.10	-10	Pass
NV_NT	Ban d 7	16QAM	20M	2510.0	1	0	1	0.009~0.150	0.087	-42.91	-25	Pass
NV_NT	Ban d 7	16QAM	20M	2510.0	1	0	10	0.150~30.000	2.280	-28.26	-25	Pass
NV_NT	Ban d 7	16QAM	20M	2510.0	1	0	100	30.000~1000.00 0	841.179	-61.73	-25	Pass
NV_NT	Ban d 7	16QAM	20M	2510.0	1	0	1000	1000.000~2475. 000	2366.63 7	-53.66	-25	Pass
NV_NT	Ban d 7	16QAM	20M	2510.0	1	0	1000	2650.000~26500 .000	24389.2 75	-42.25	-25	Pass
NV_NT	Ban d 7	QPSK	20M	2535.0	100	0	1	0.009~0.150	0.011	-53.71	-25	Pass
NV_NT	Ban d 7	QPSK	20M	2535.0	100	0	10	0.150~30.000	0.155	-56.51	-25	Pass
NV_NT	Ban d 7	QPSK	20M	2535.0	100	0	100	30.000~1000.00 0	891.877	-61.23	-25	Pass
NV_NT	Ban d 7	QPSK	20M	2535.0	100	0	1000	1000.000~2475. 000	2454.05 5	-53.28	-25	Pass
NV_NT	Ban d 7	QPSK	20M	2535.0	100	0	1000	2610.000~26500 .000	24375.3 83	-42.12	-25	Pass
NV_NT	Ban d 7	16QAM	20M	2535.0	100	0	1	0.009~0.150	0.098	-53.70	-25	Pass
NV_NT	Ban d 7	16QAM	20M	2535.0	100	0	10	0.150~30.000	0.150	-55.70	-25	Pass
NV_NT	Ban d 7	16QAM	20M	2535.0	100	0	100	30.000~1000.00 0	950.530	-61.01	-25	Pass
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NV_NT	Ban d 7	16QAM	20M	2535.0	100	0	1000	2610.000~26500 .000	24405.6 43	-42.15	-25	Pass
NV_NT	Ban d 7	QPSK	20M	2560.0	100	0	400.0	2570.0~2571.0	2570.00 6	-45.36	-10	Pass
NV_NT	Ban d 7	QPSK	20M	2560.0	100	0	1000	2571.0~2575.0	2573.25 0	-40.20	-10	Pass
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NV_NT	Ban d 7	QPSK	20M	2560.0	100	0	1000	2590.0~2610.0	2591.08 0	-50.55	-25	Pass

NV_NT	Band 7	QPSK	20M	2560.0	1	99	400.0	2570.0~2571.0	2570.003	-28.97	-10	Pass
NV_NT	Band 7	QPSK	20M	2560.0	1	99	1000	2571.0~2575.0	2571.427	-35.03	-10	Pass
NV_NT	Band 7	QPSK	20M	2560.0	1	99	1000	2575.0~2590.0	2578.327	-45.15	-13	Pass
NV_NT	Band 7	QPSK	20M	2560.0	1	99	1000	2590.0~2610.0	2592.315	-51.66	-25	Pass
NV_NT	Band 7	QPSK	20M	2560.0	1	99	1	0.009~0.150	0.088	-42.70	-25	Pass
NV_NT	Band 7	QPSK	20M	2560.0	1	99	10	0.150~30.000	2.322	-28.13	-25	Pass
NV_NT	Band 7	QPSK	20M	2560.0	1	99	100	30.000~1000.000	908.885	-61.85	-25	Pass
NV_NT	Band 7	QPSK	20M	2560.0	1	99	1000	1000.000~2475.000	2472.492	-53.78	-25	Pass
NV_NT	Band 7	QPSK	20M	2560.0	1	99	1000	2650.000~26500.000	24389.275	-42.28	-25	Pass
NV_NT	Band 7	16QAM	20M	2560.0	100	0	400.0	2570.0~2571.0	2570.013	-44.94	-10	Pass
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NV_NT	Band 7	16QAM	20M	2560.0	100	0	1000	2590.0~2610.0	2591.635	-50.41	-25	Pass
NV_NT	Band 7	16QAM	20M	2560.0	1	99	400.0	2570.0~2571.0	2570.002	-28.70	-10	Pass
NV_NT	Band 7	16QAM	20M	2560.0	1	99	1000	2571.0~2575.0	2571.014	-45.51	-10	Pass
NV_NT	Band 7	16QAM	20M	2560.0	1	99	1000	2575.0~2590.0	2578.308	-46.01	-13	Pass
NV_NT	Band 7	16QAM	20M	2560.0	1	99	1000	2590.0~2610.0	2601.533	-52.90	-25	Pass
NV_NT	Band 7	16QAM	20M	2560.0	1	99	1	0.009~0.150	0.087	-42.68	-25	Pass
NV_NT	Band 7	16QAM	20M	2560.0	1	99	10	0.150~30.000	2.327	-26.95	-25	Pass
NV_NT	Band 7	16QAM	20M	2560.0	1	99	100	30.000~1000.000	711.360	-61.68	-25	Pass
NV_NT	Band 7	16QAM	20M	2560.0	1	99	1000	1000.000~2475.000	2462.856	-53.93	-25	Pass
NV_NT	Band 7	16QAM	20M	2560.0	1	99	1000	2650.000~26500.000	24398.020	-42.27	-25	Pass

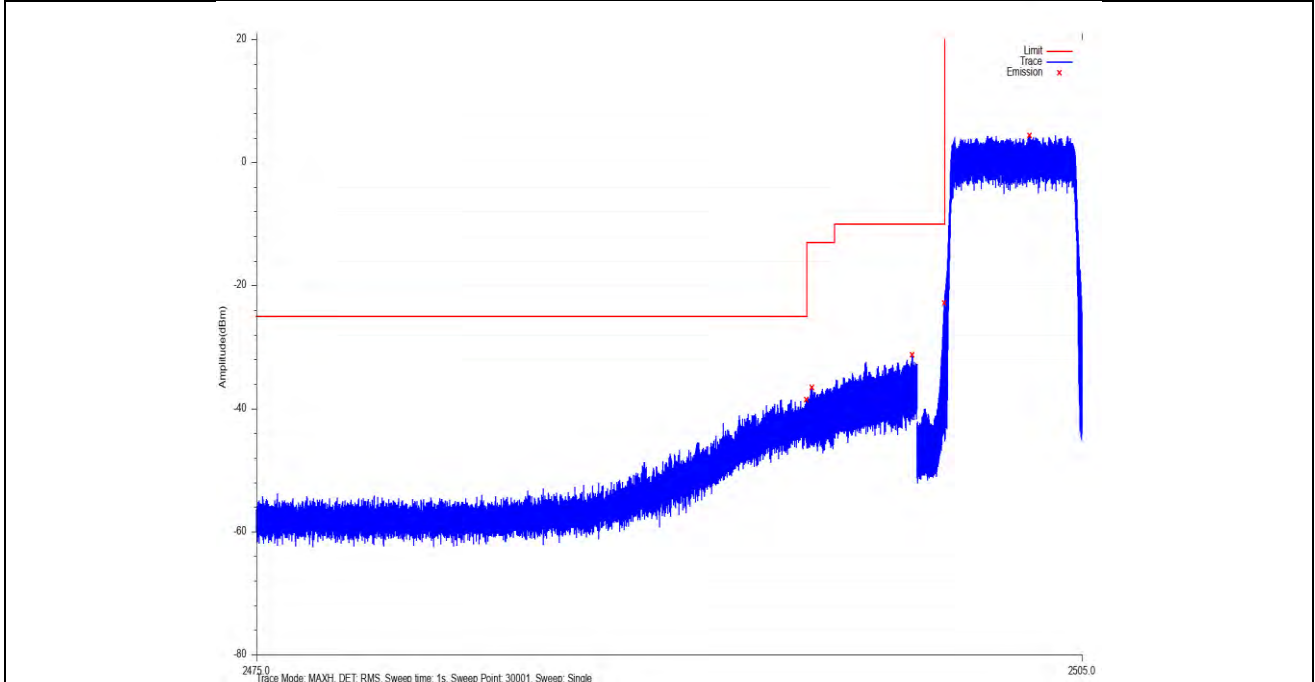


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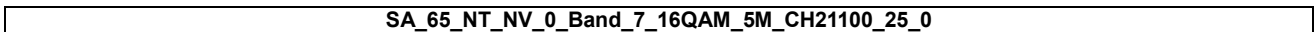
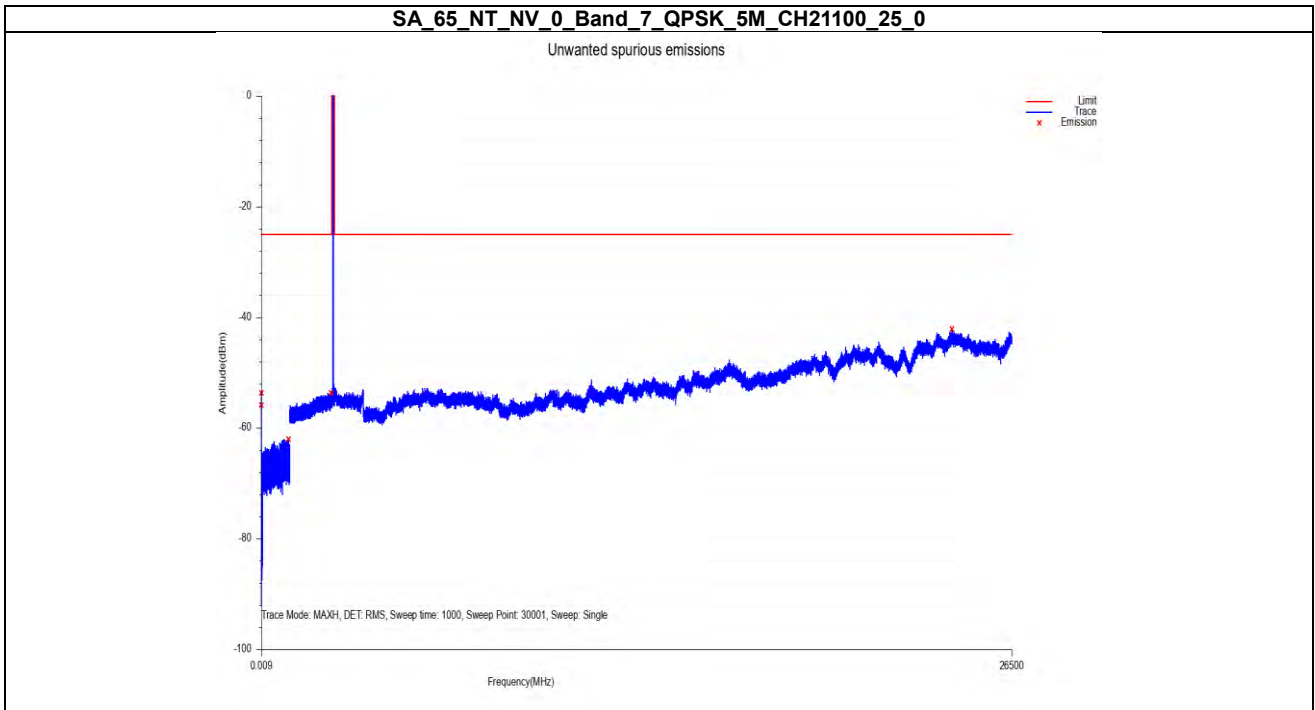
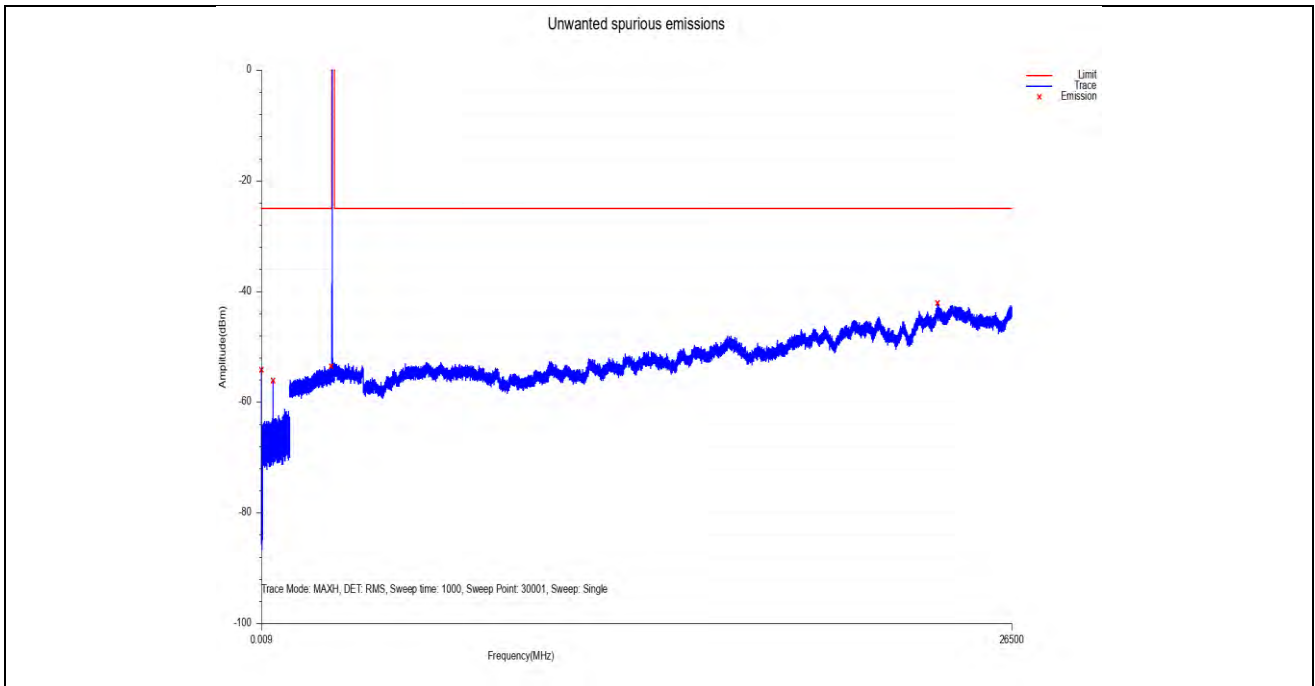


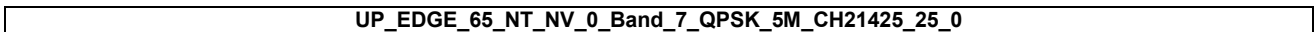
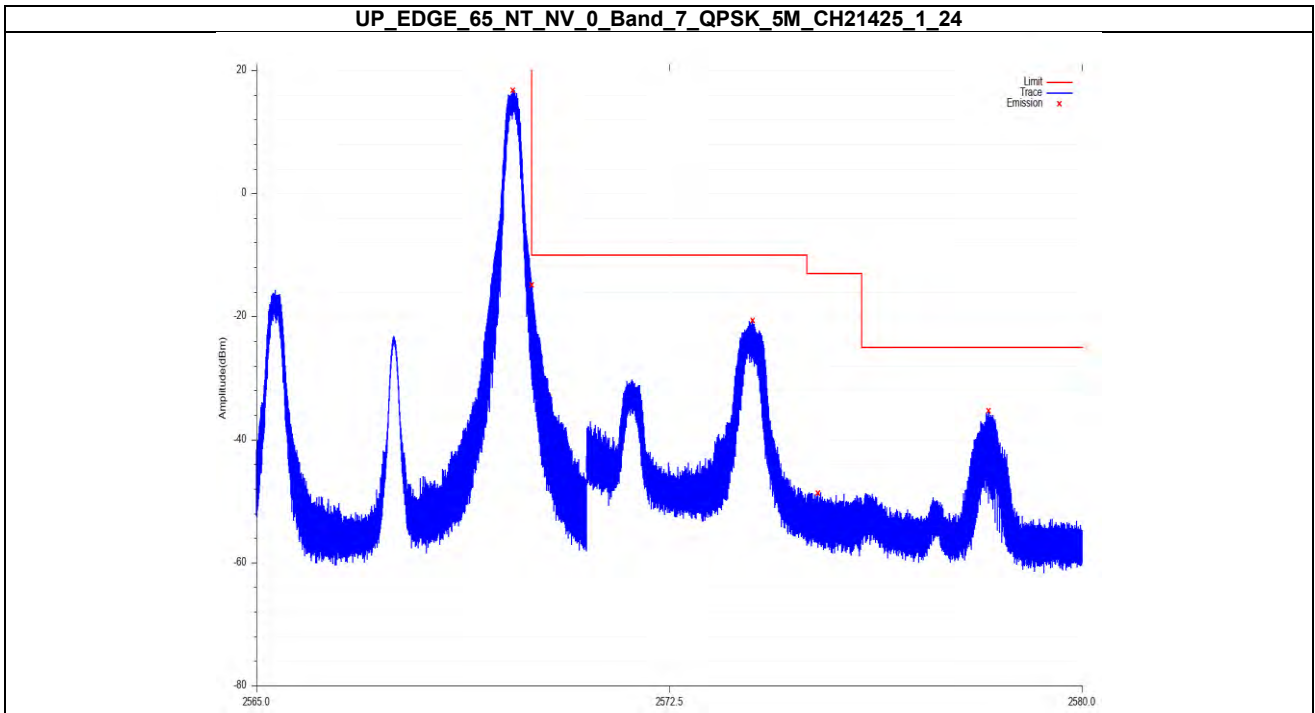
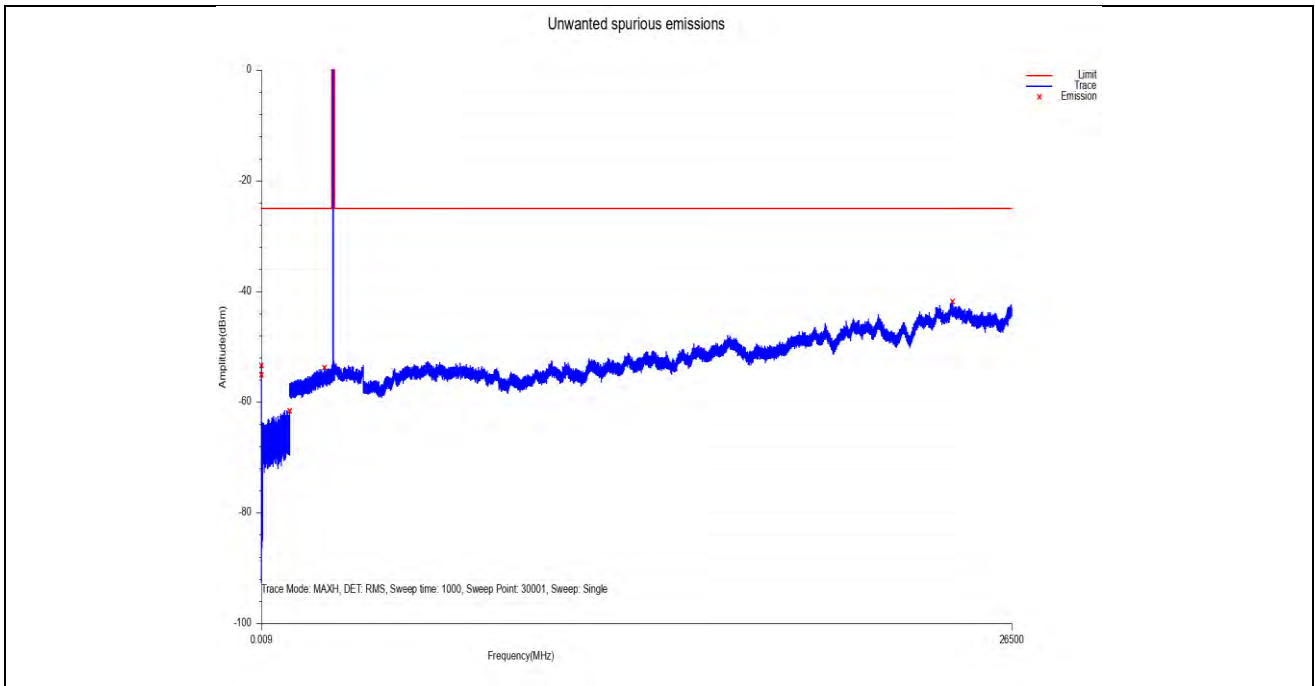


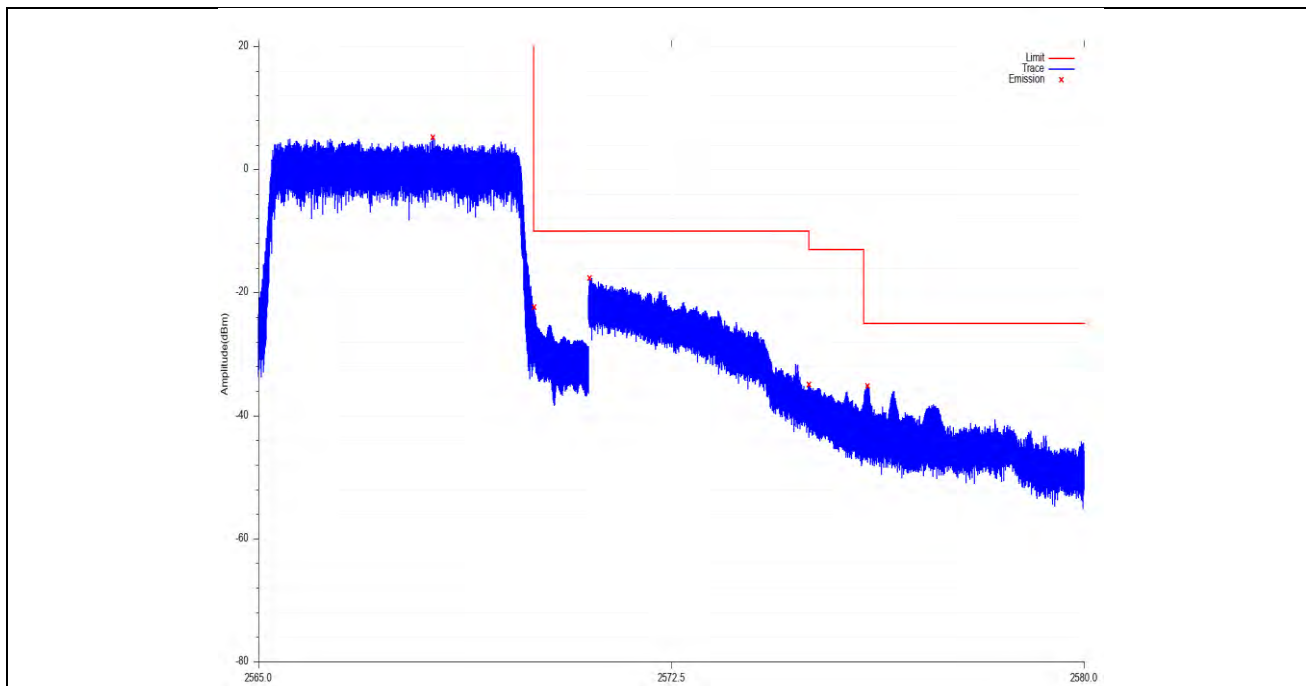
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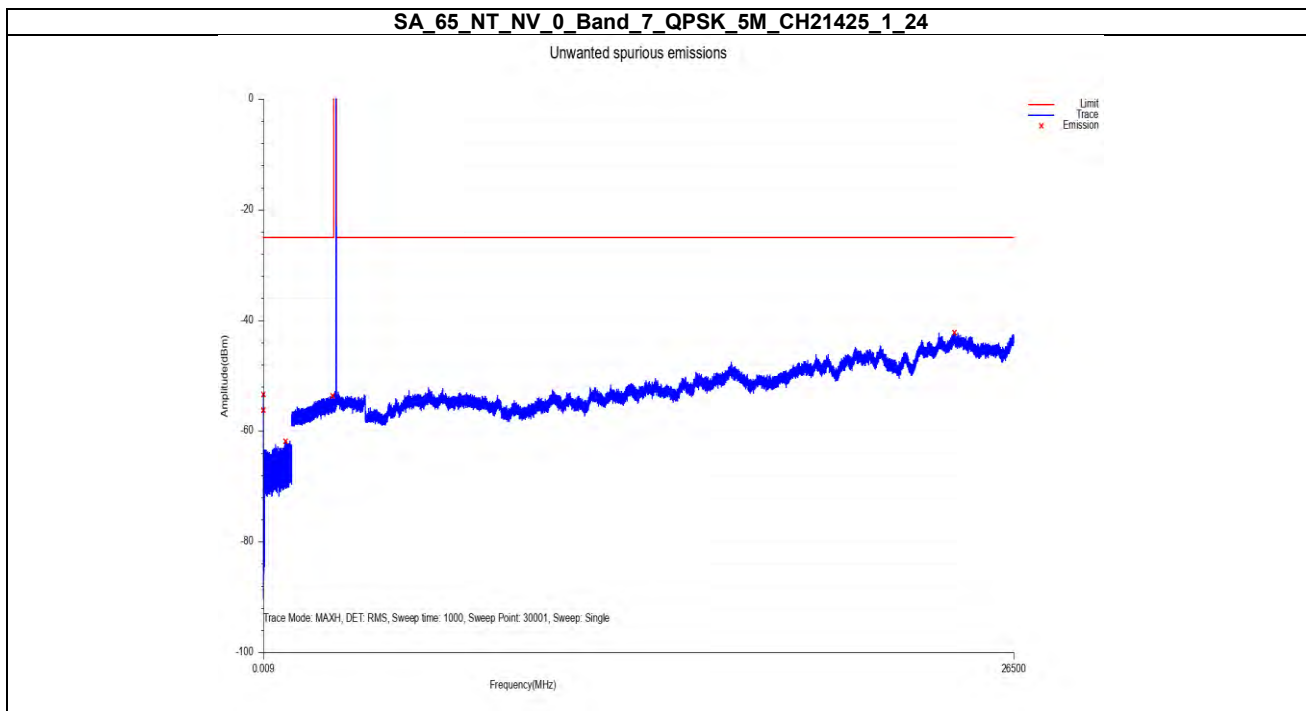
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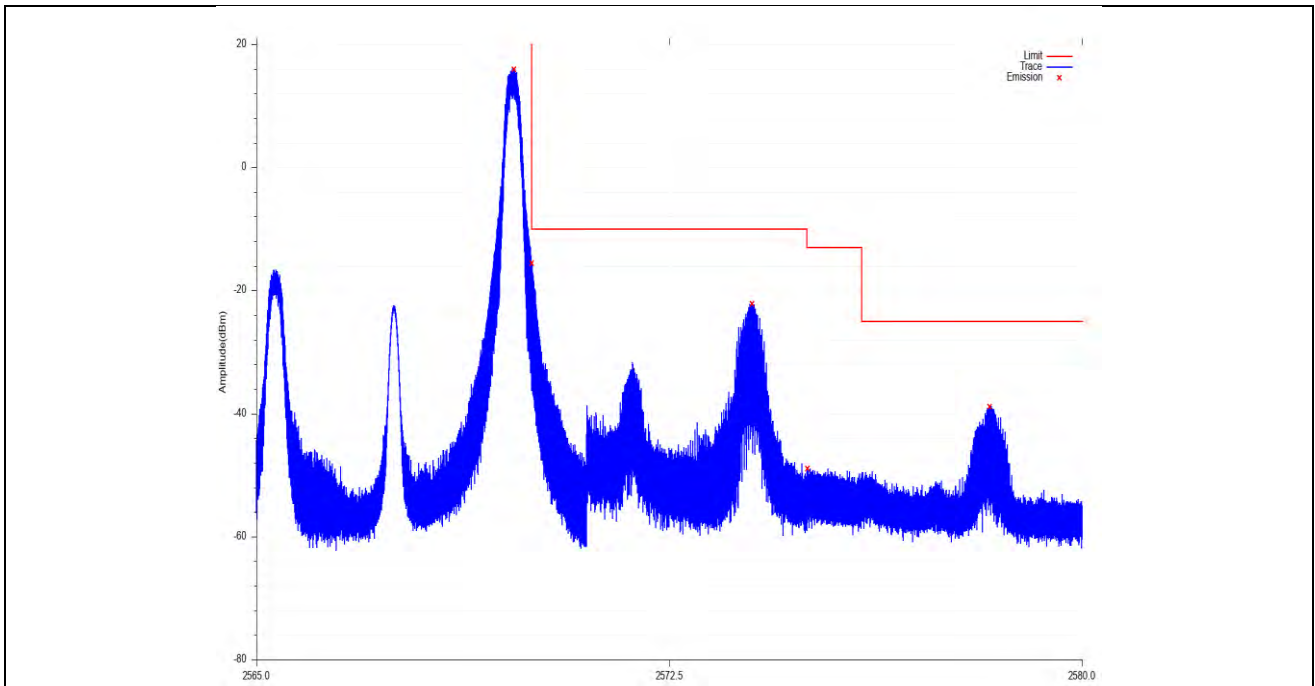




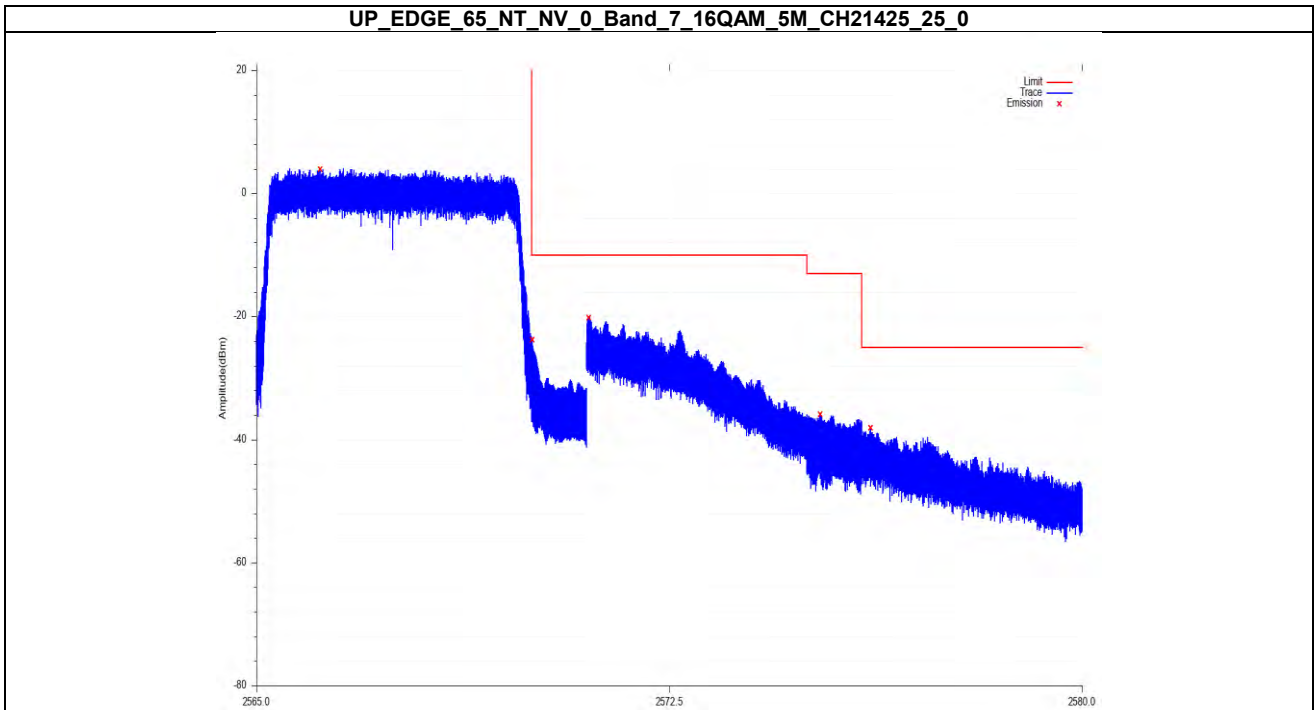
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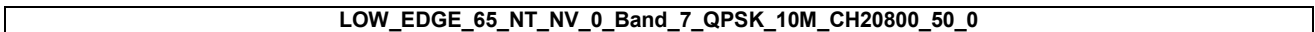
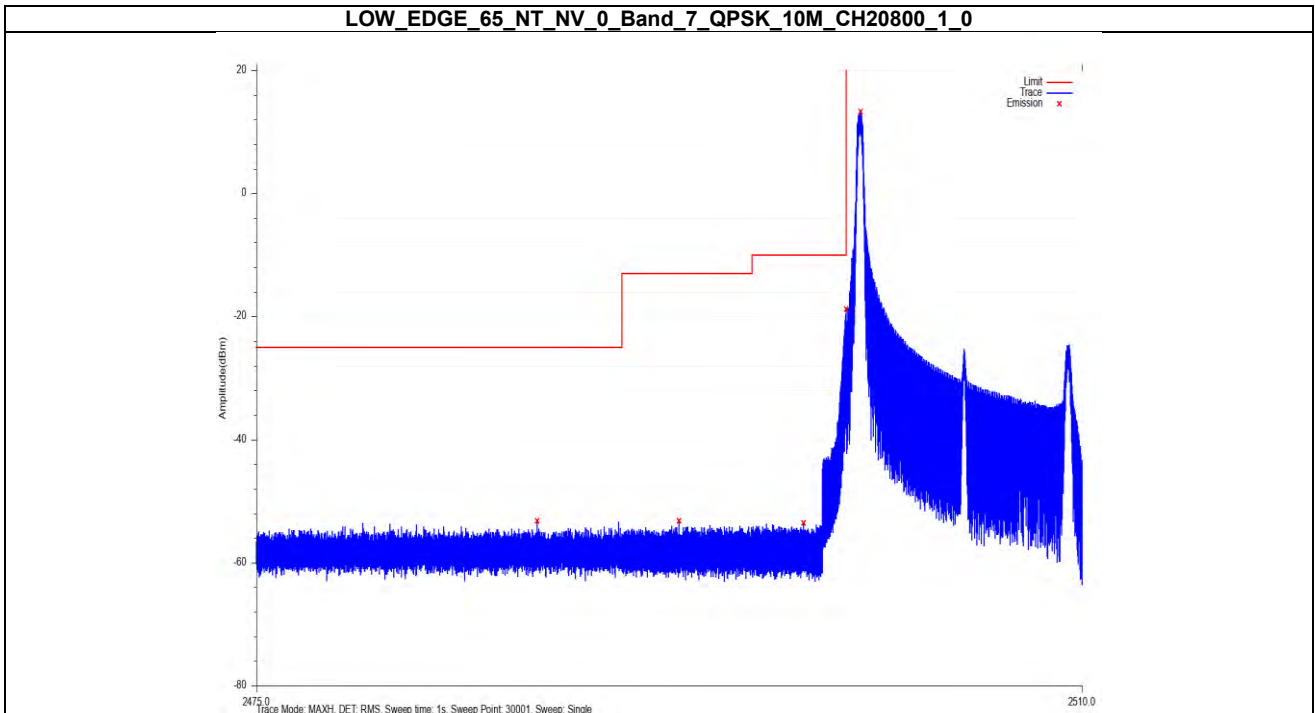
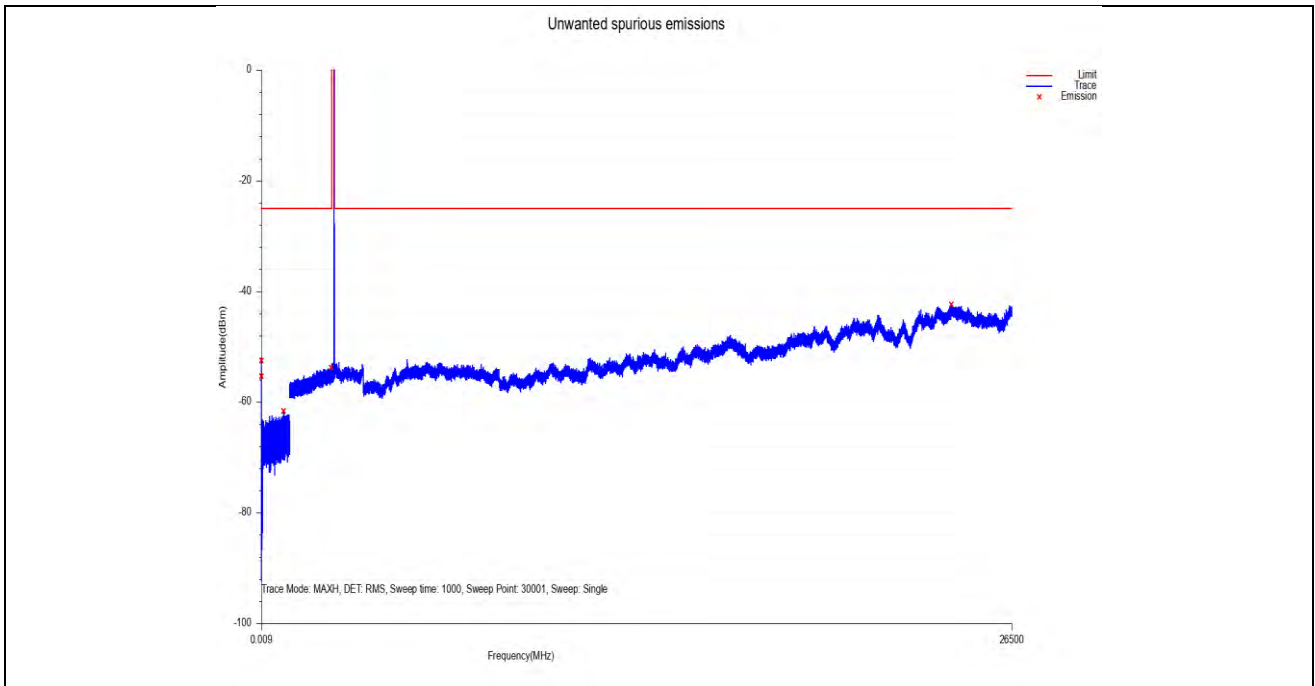
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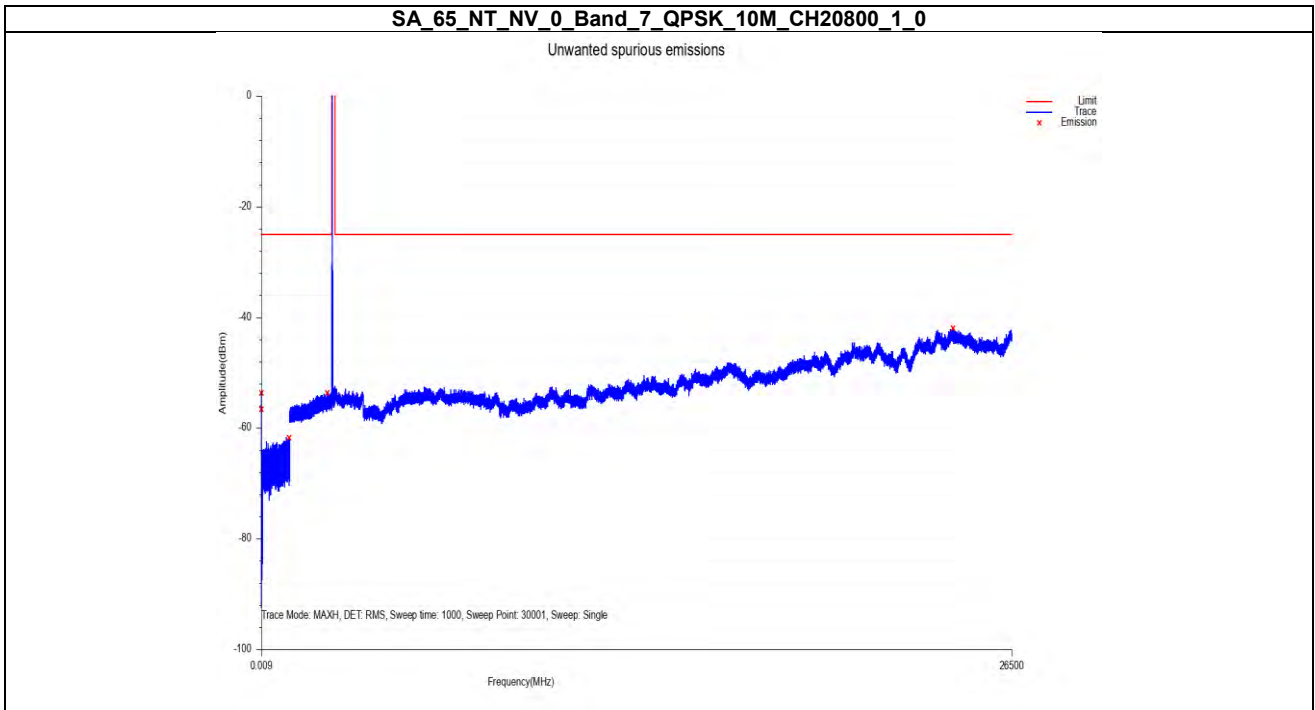
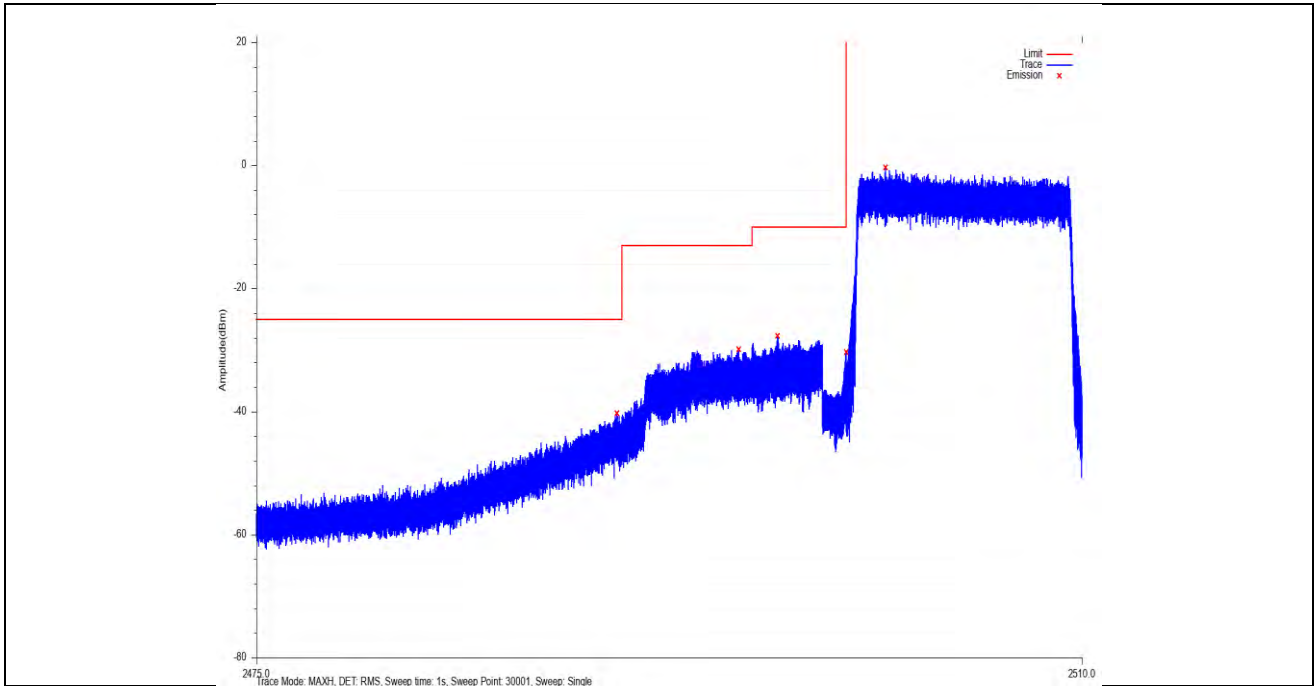


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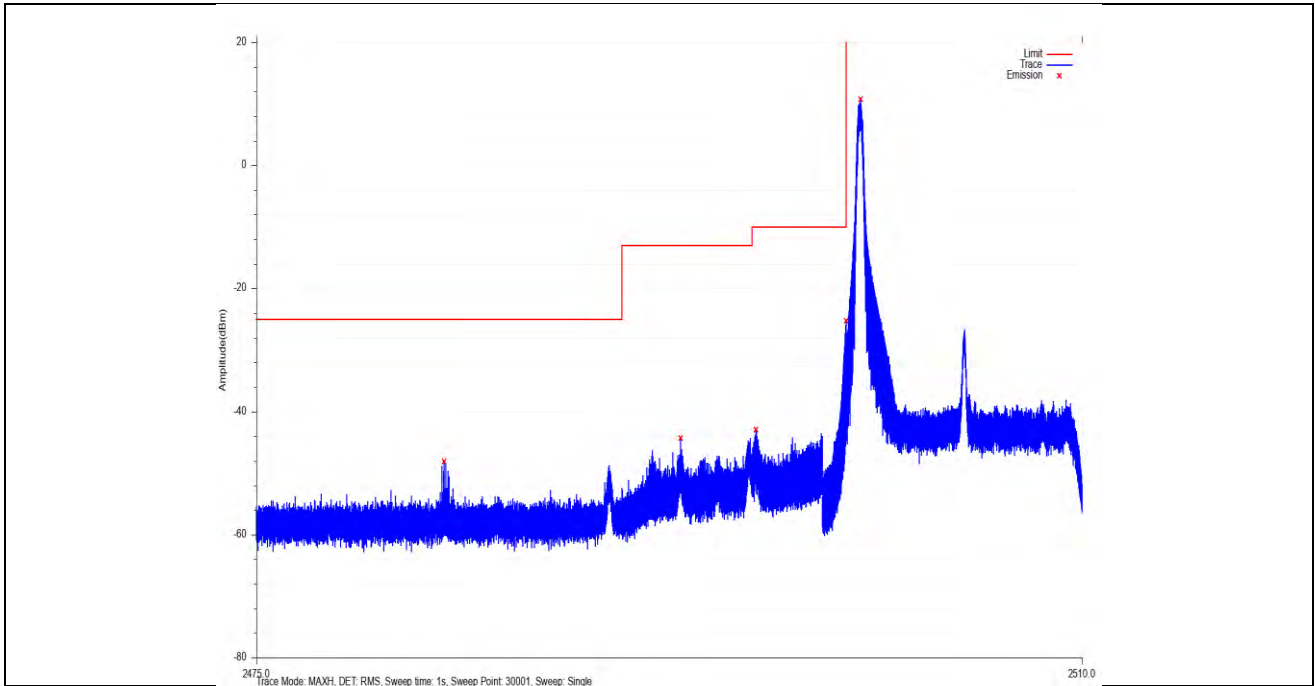


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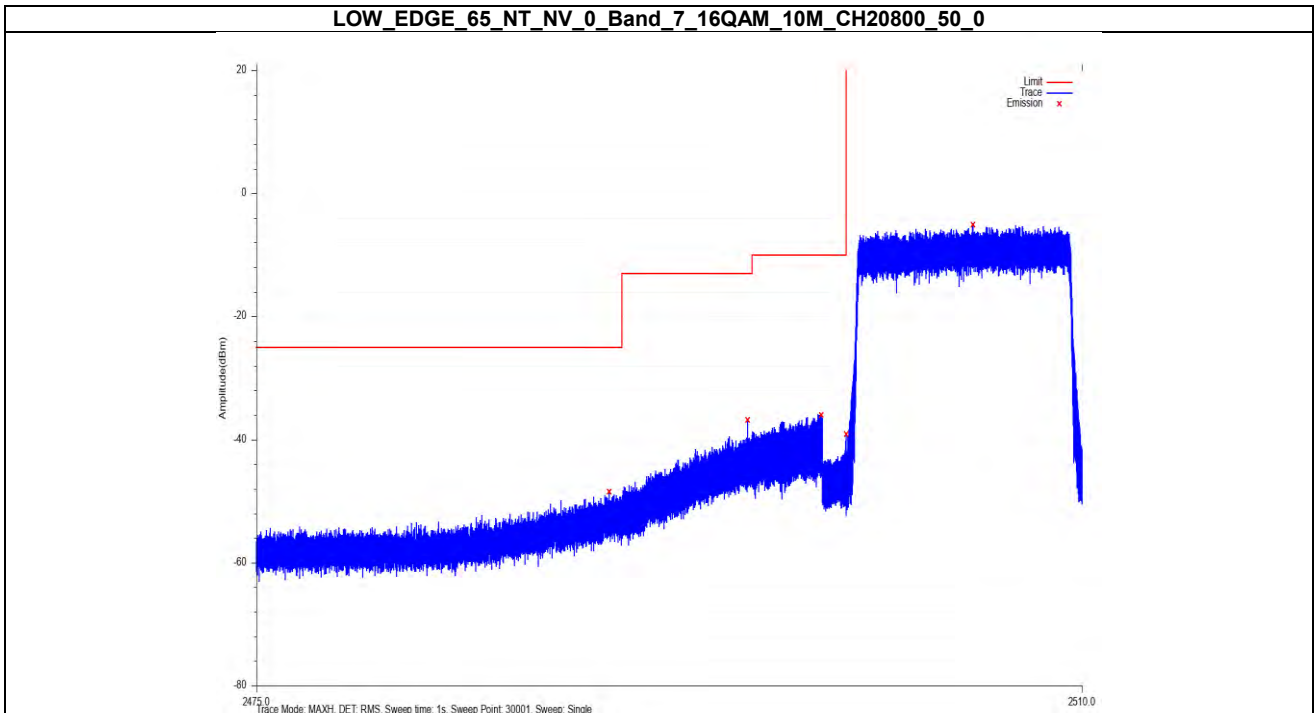




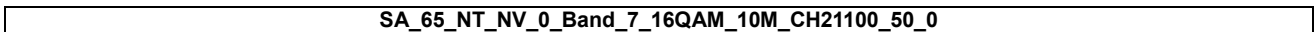
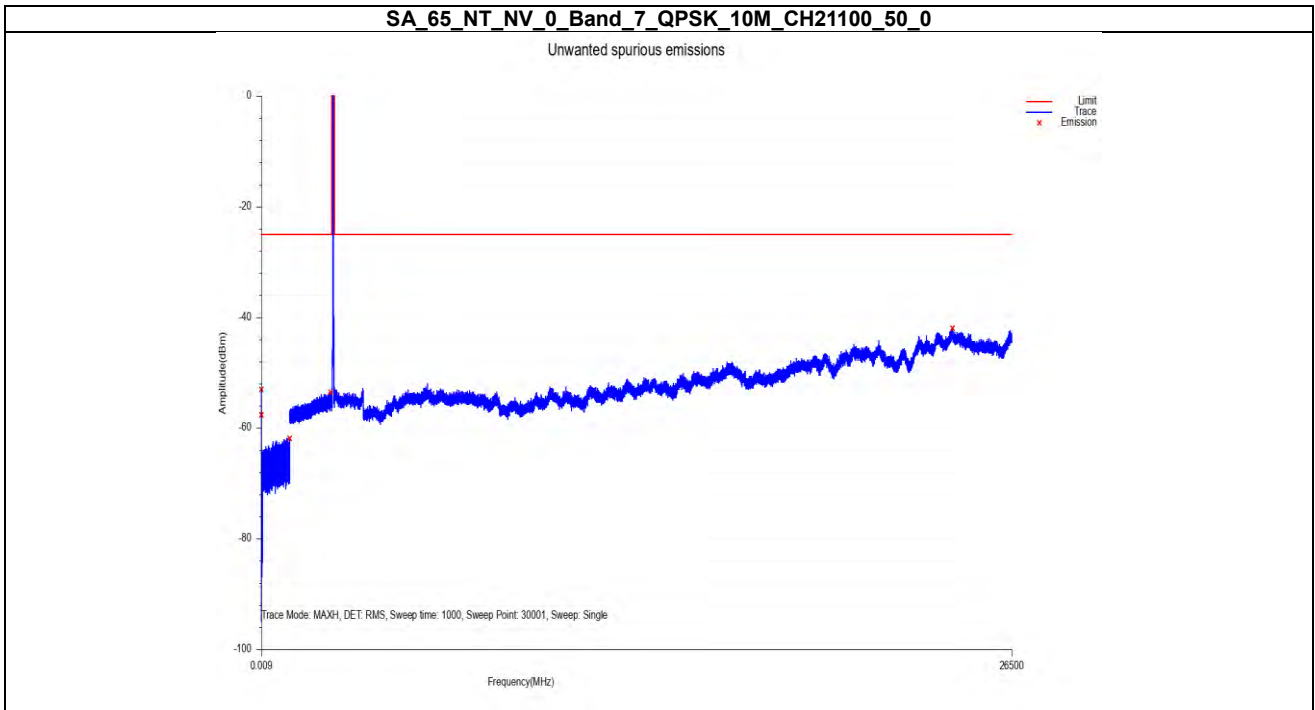
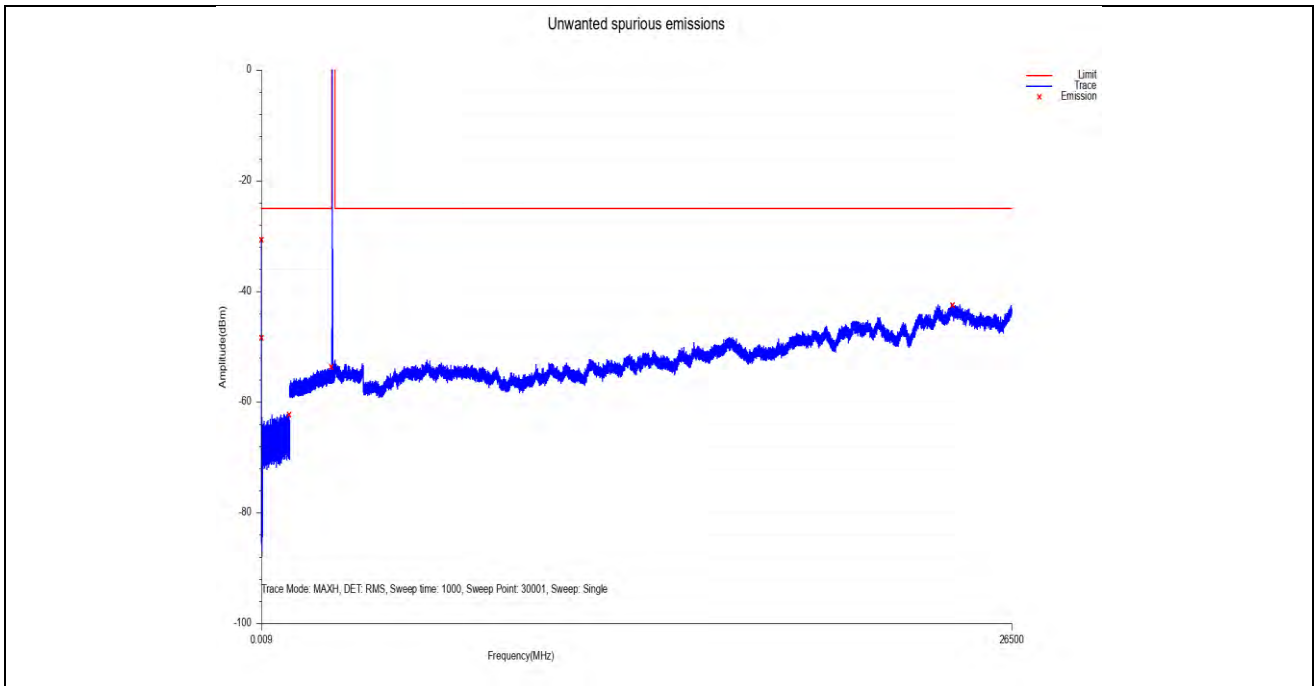
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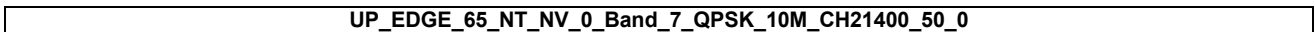
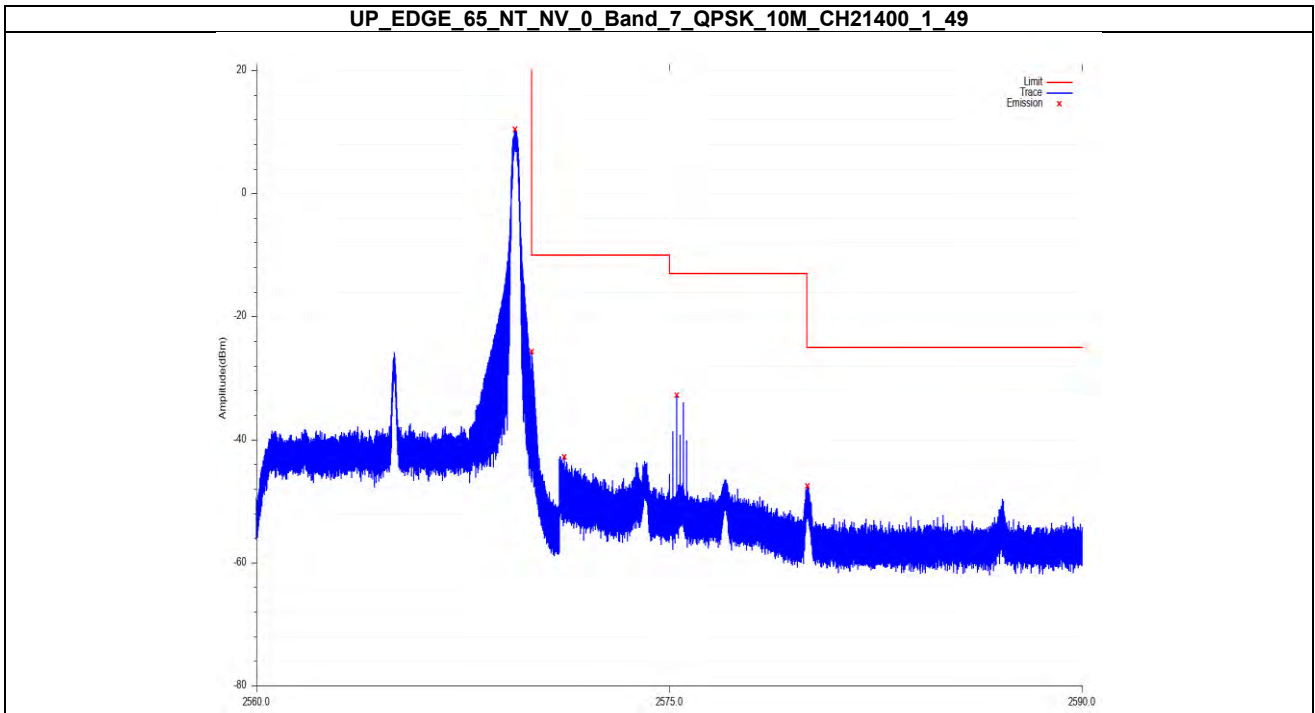
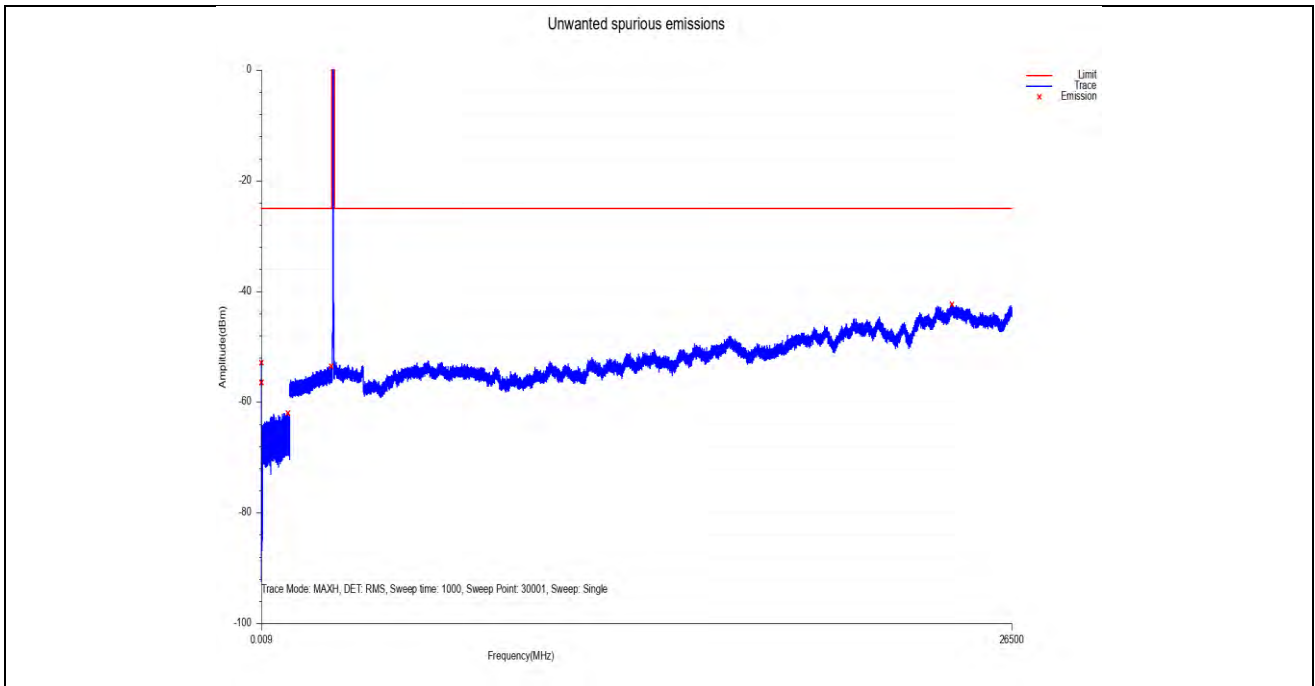


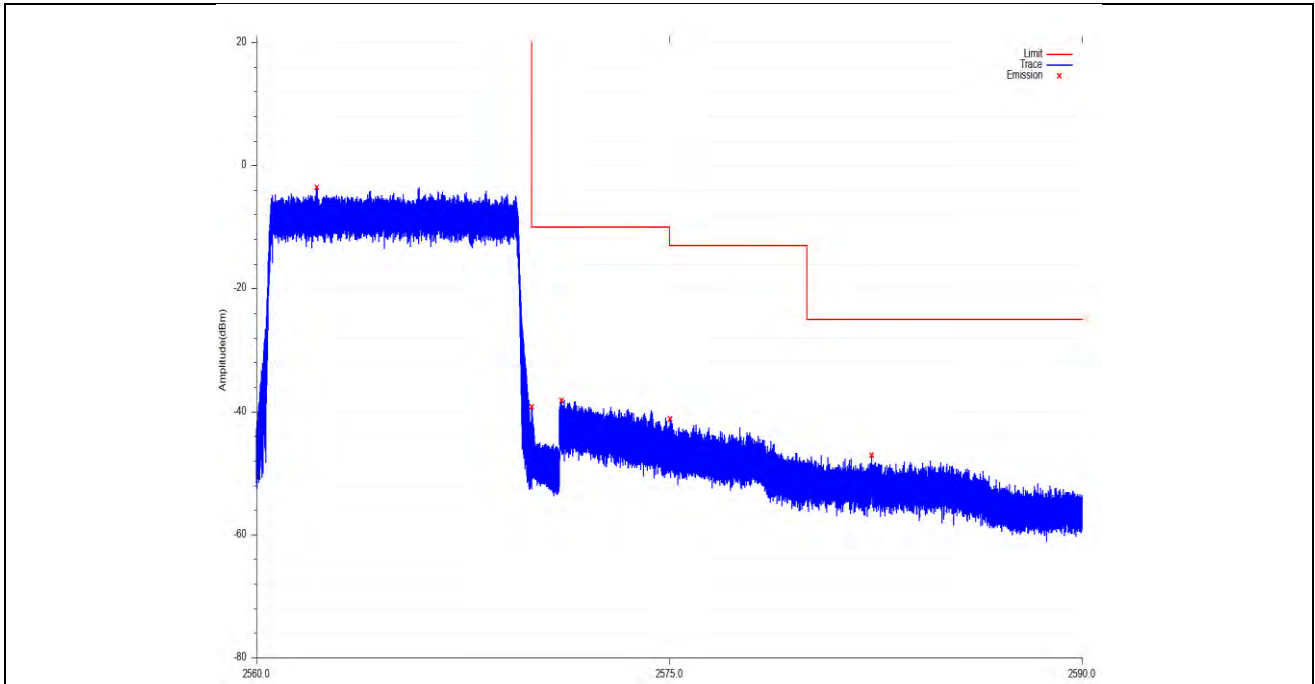
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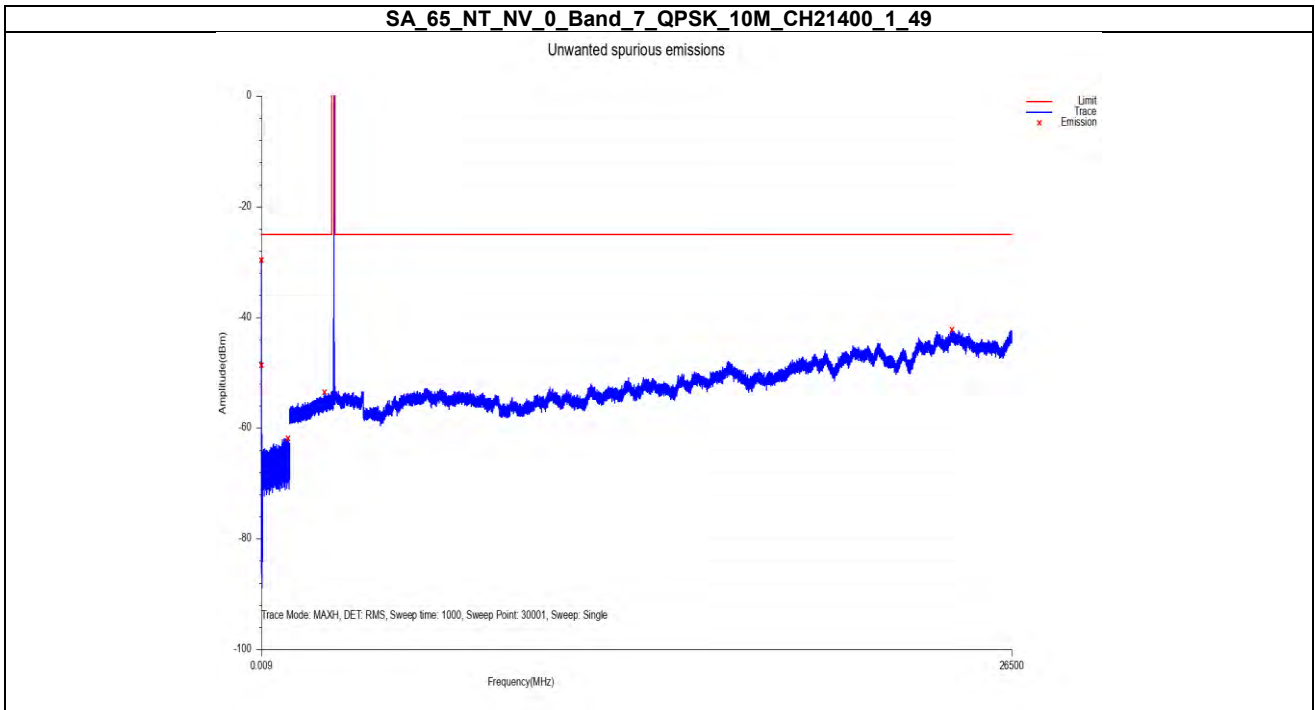
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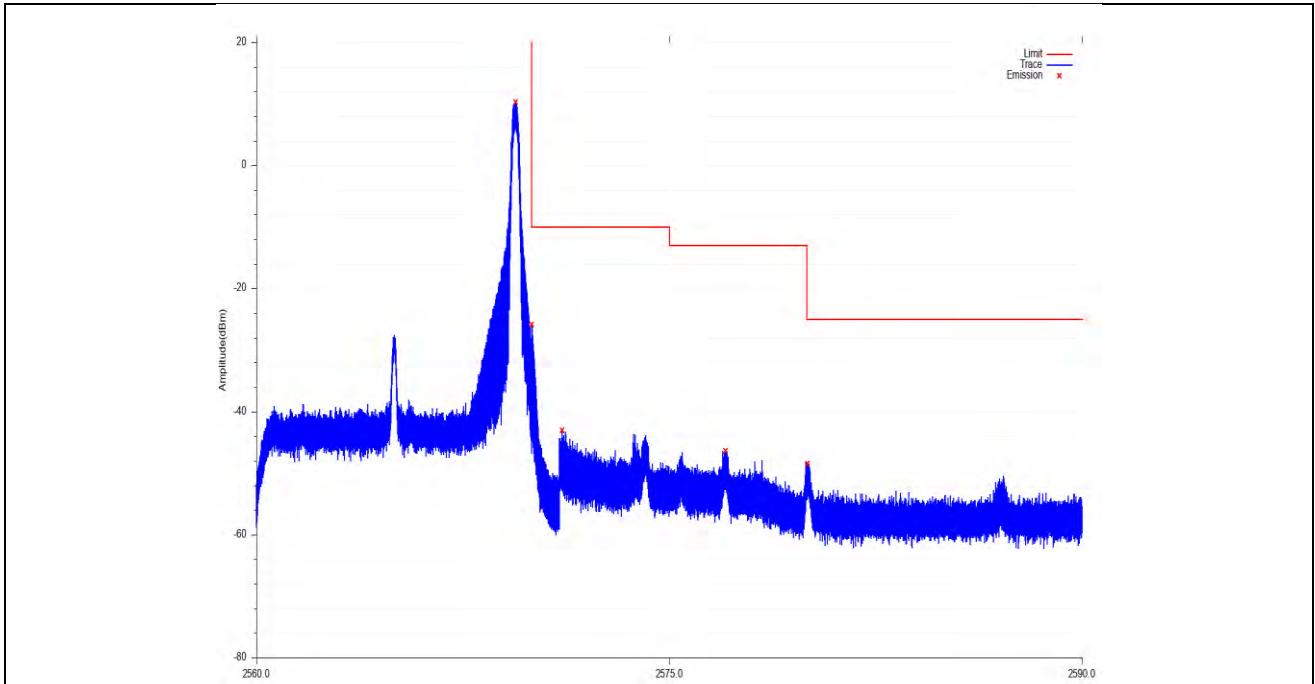




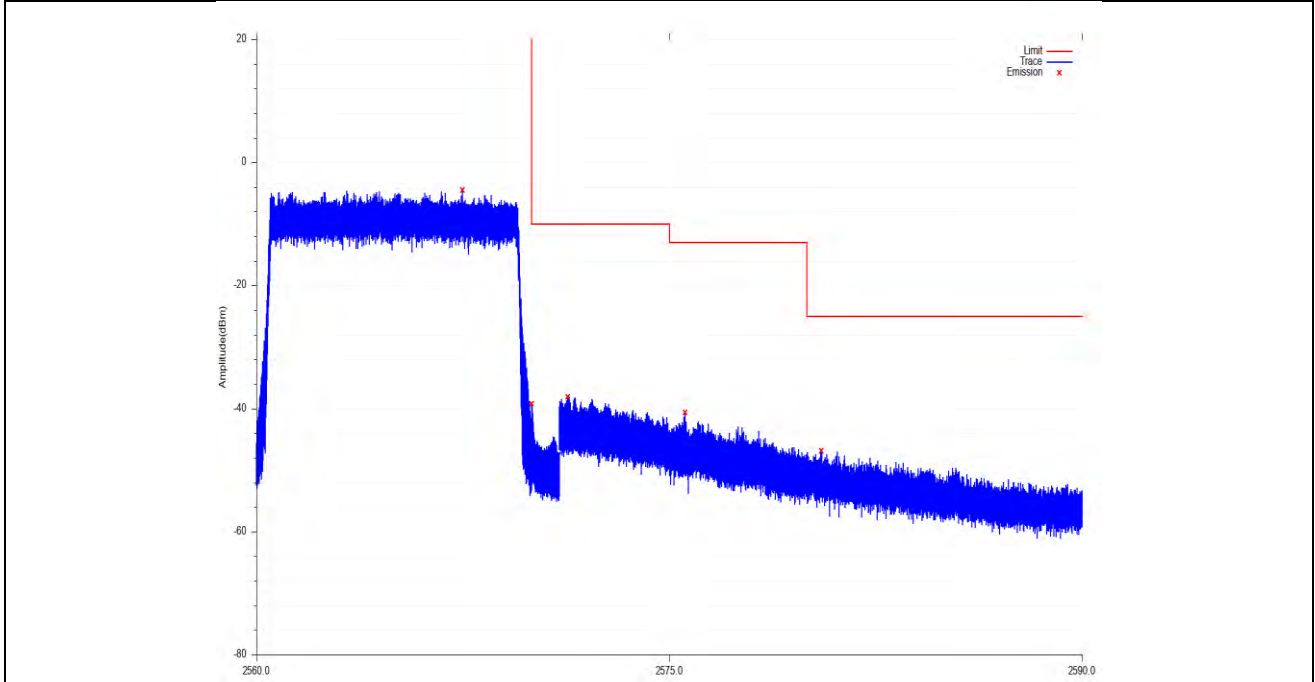
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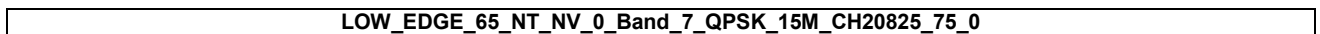
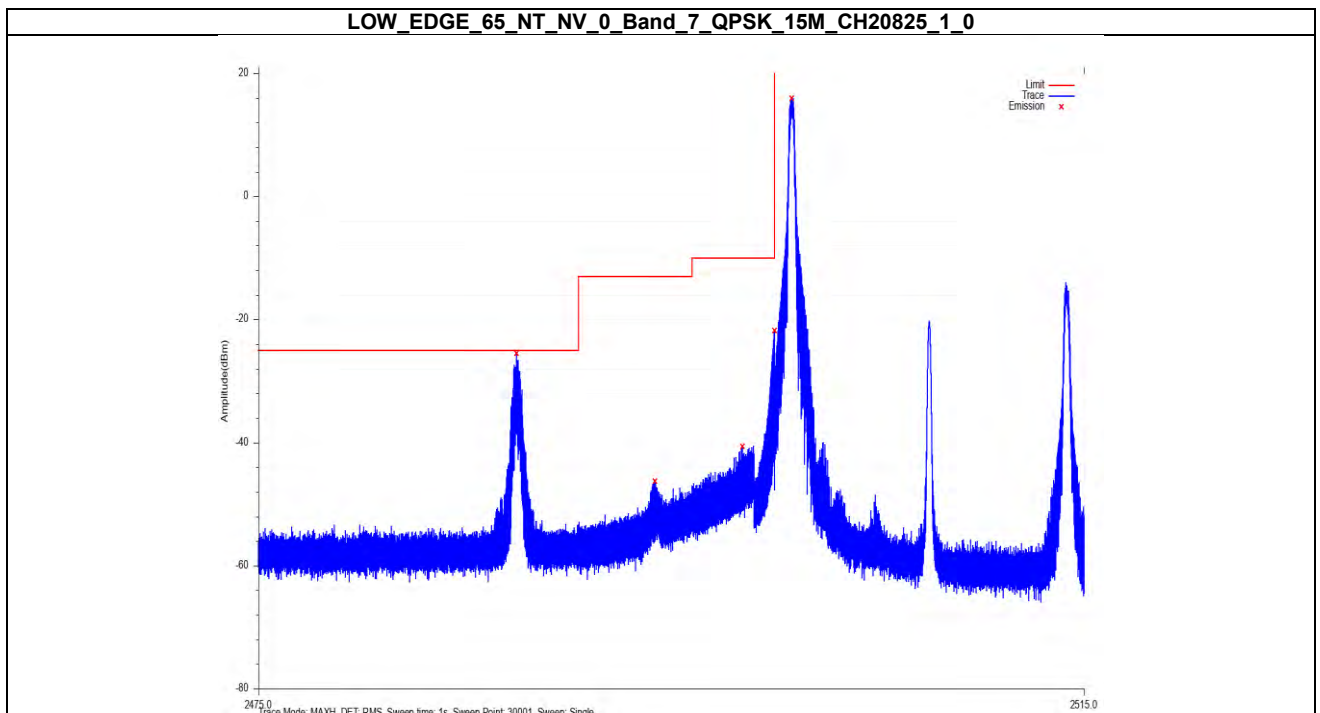
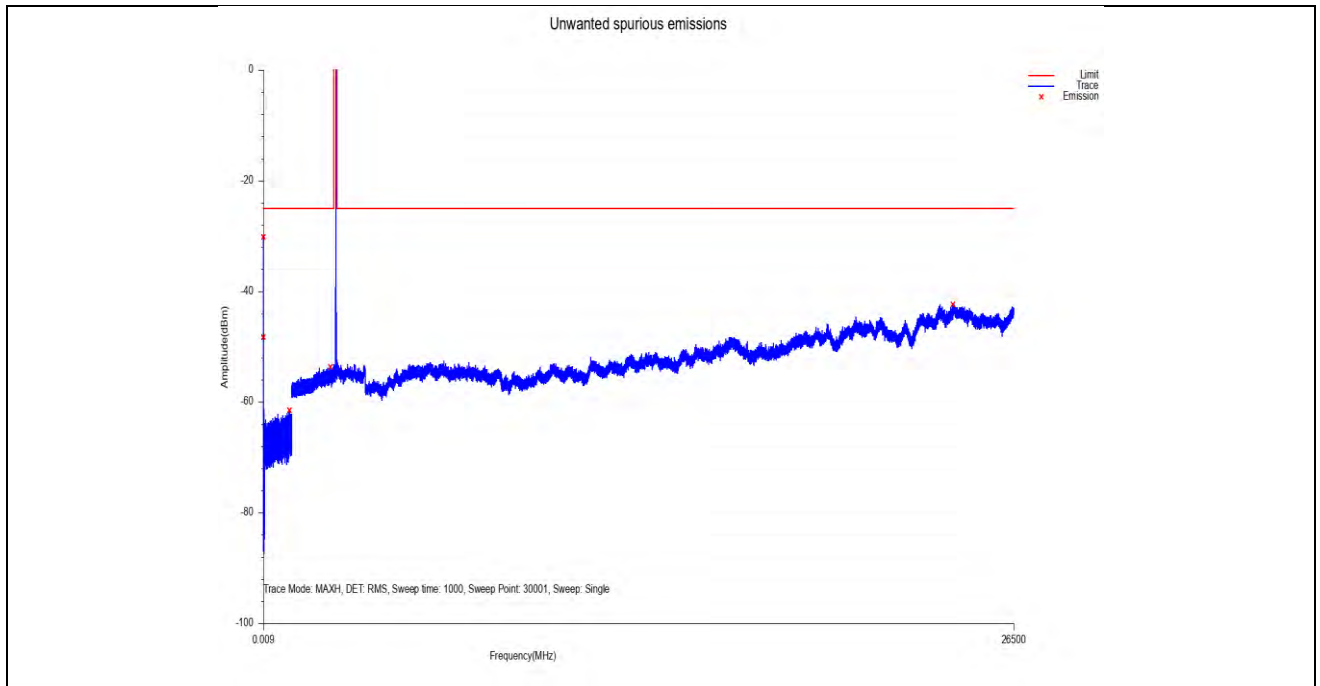
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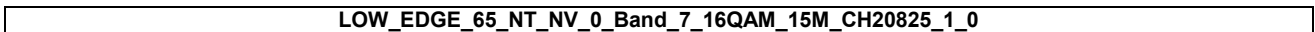
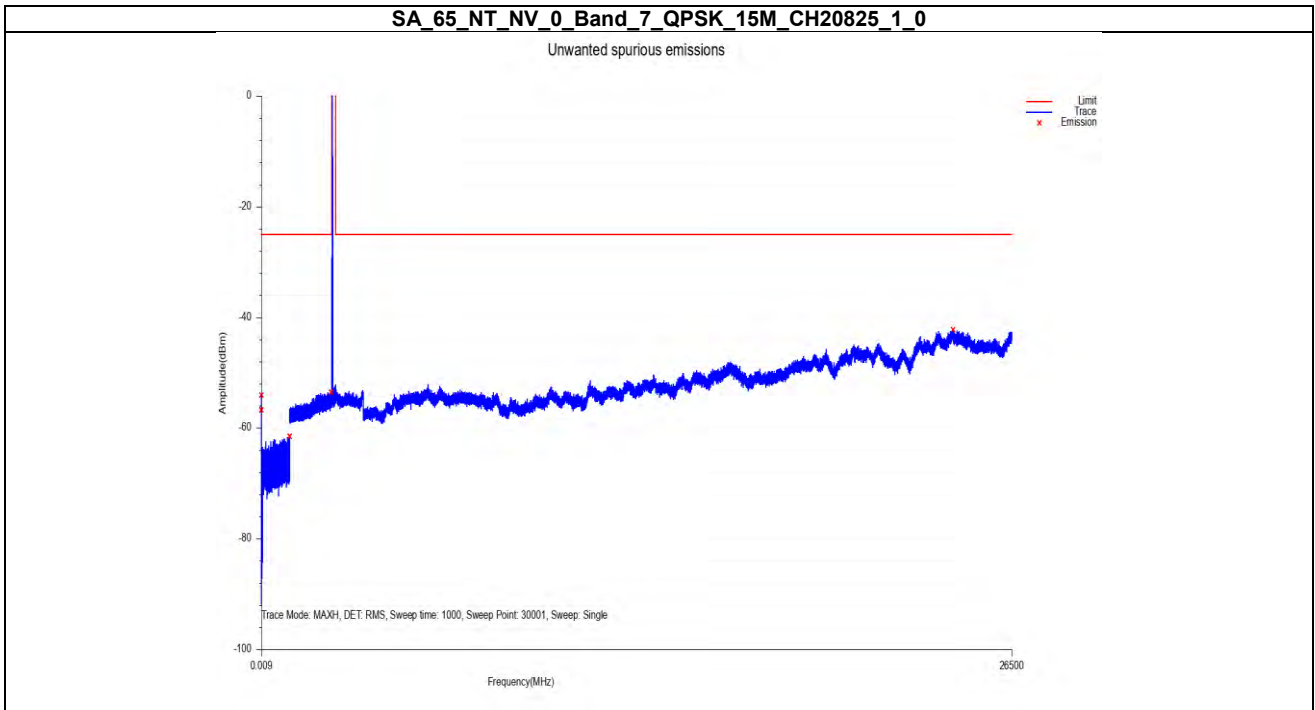
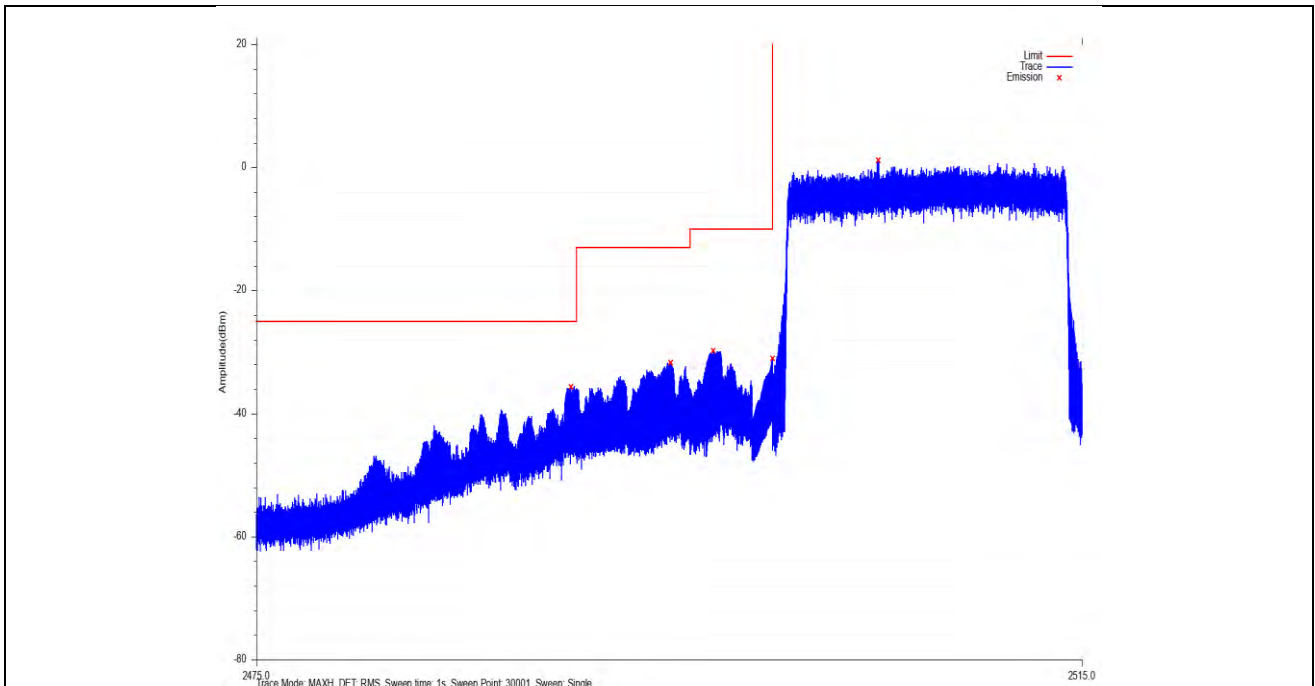


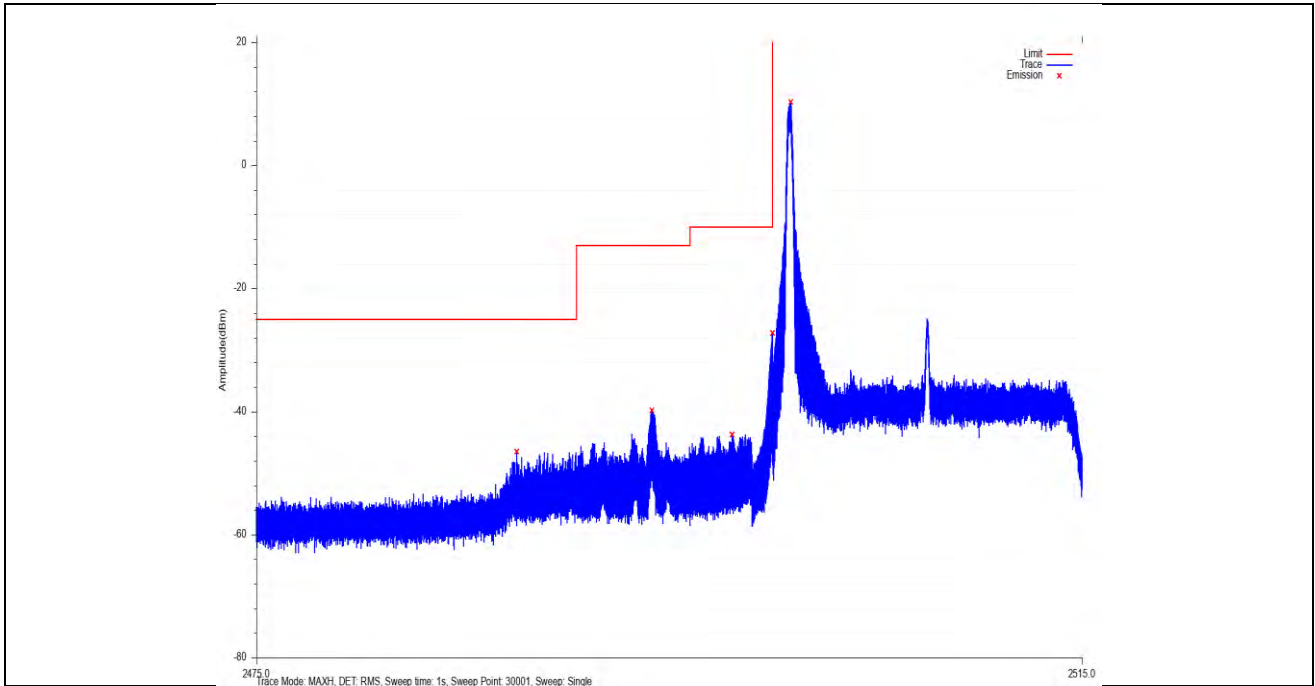
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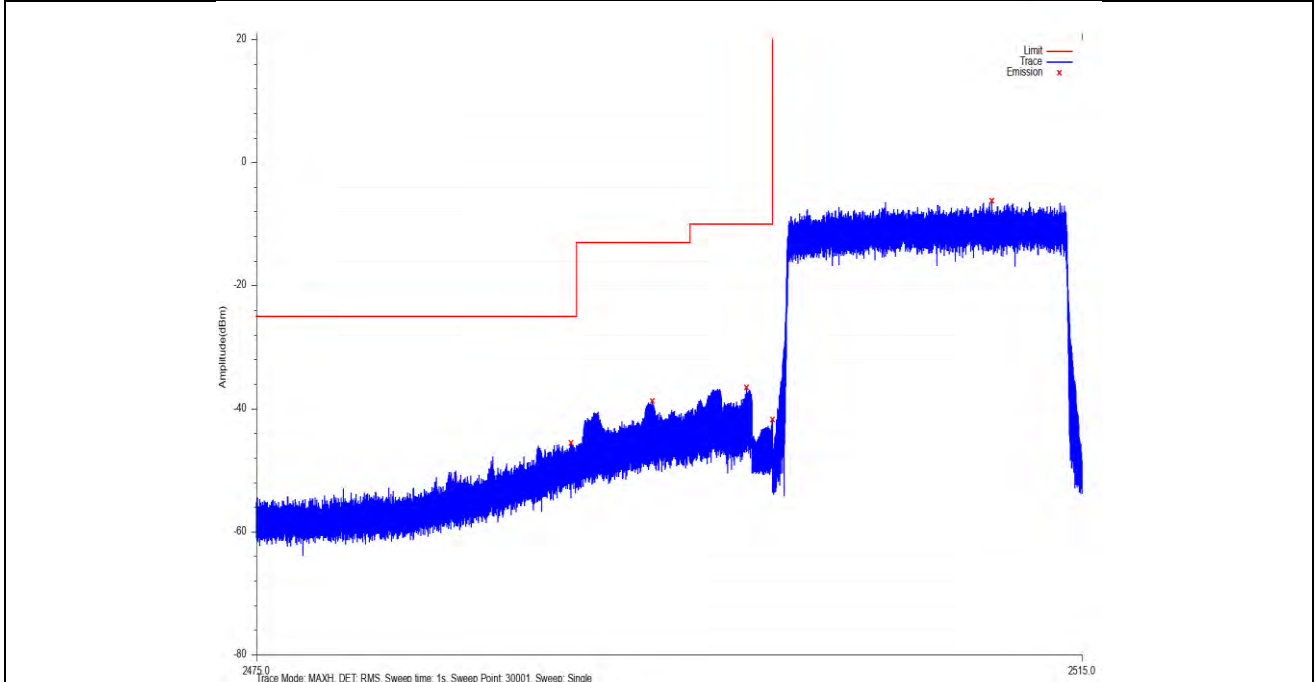
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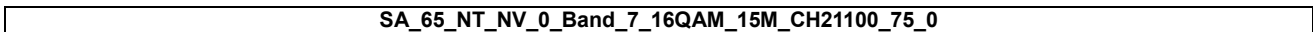
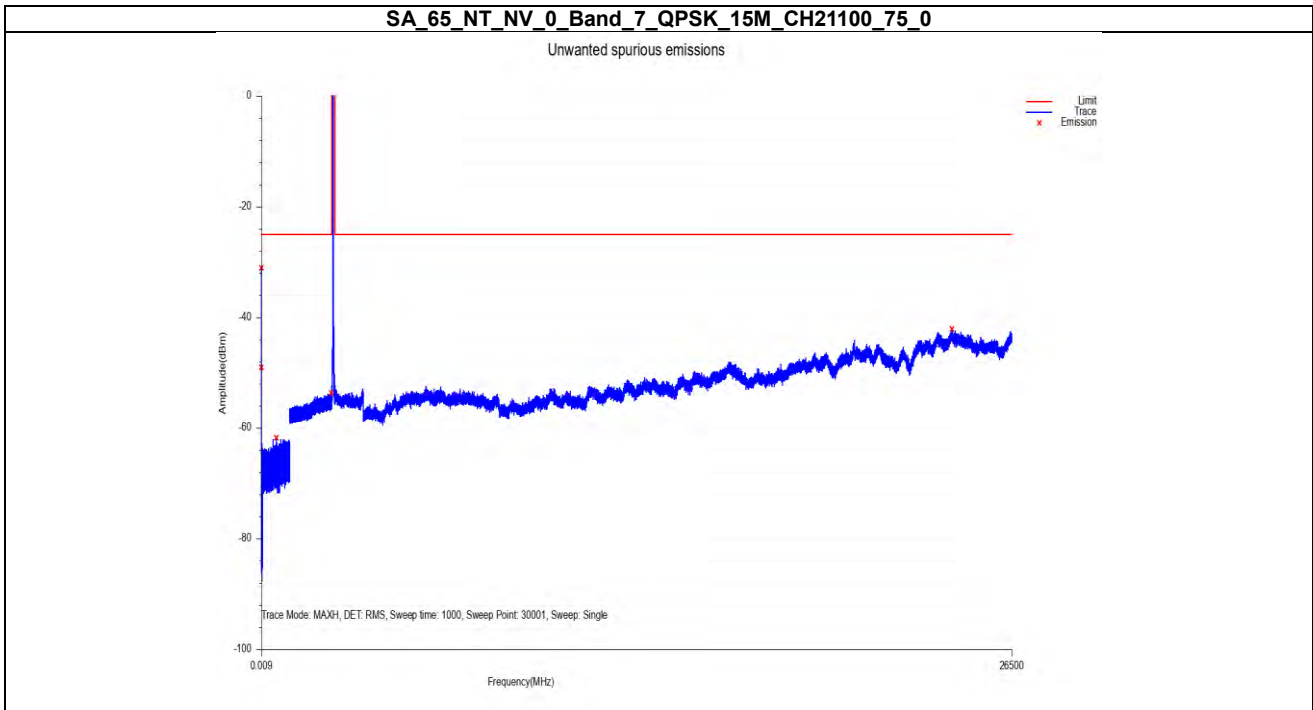
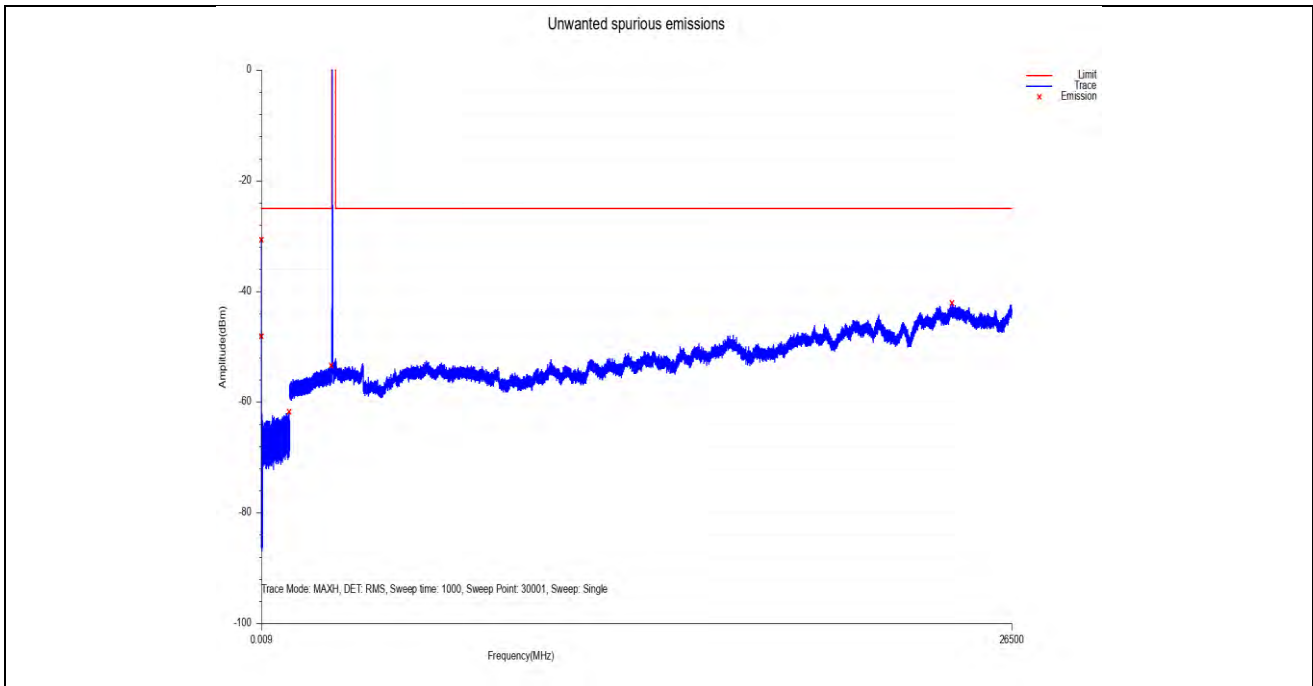


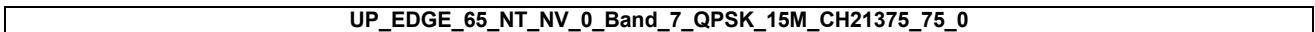
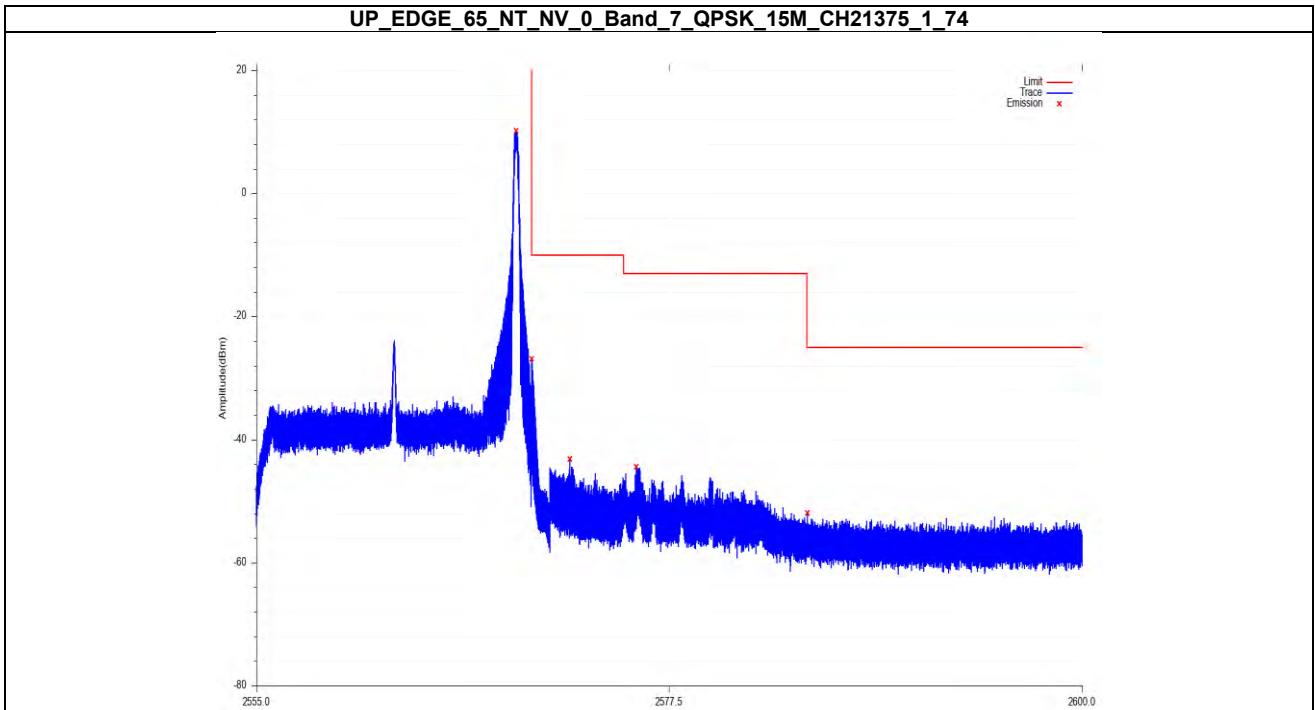
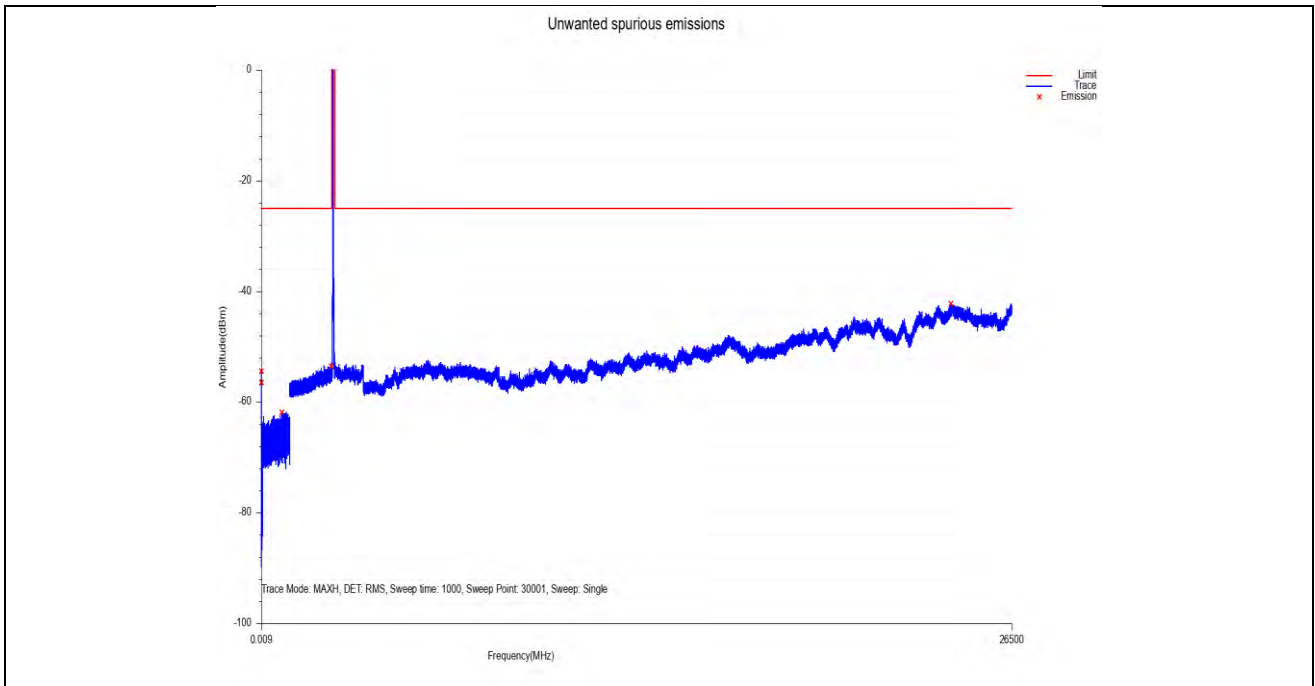


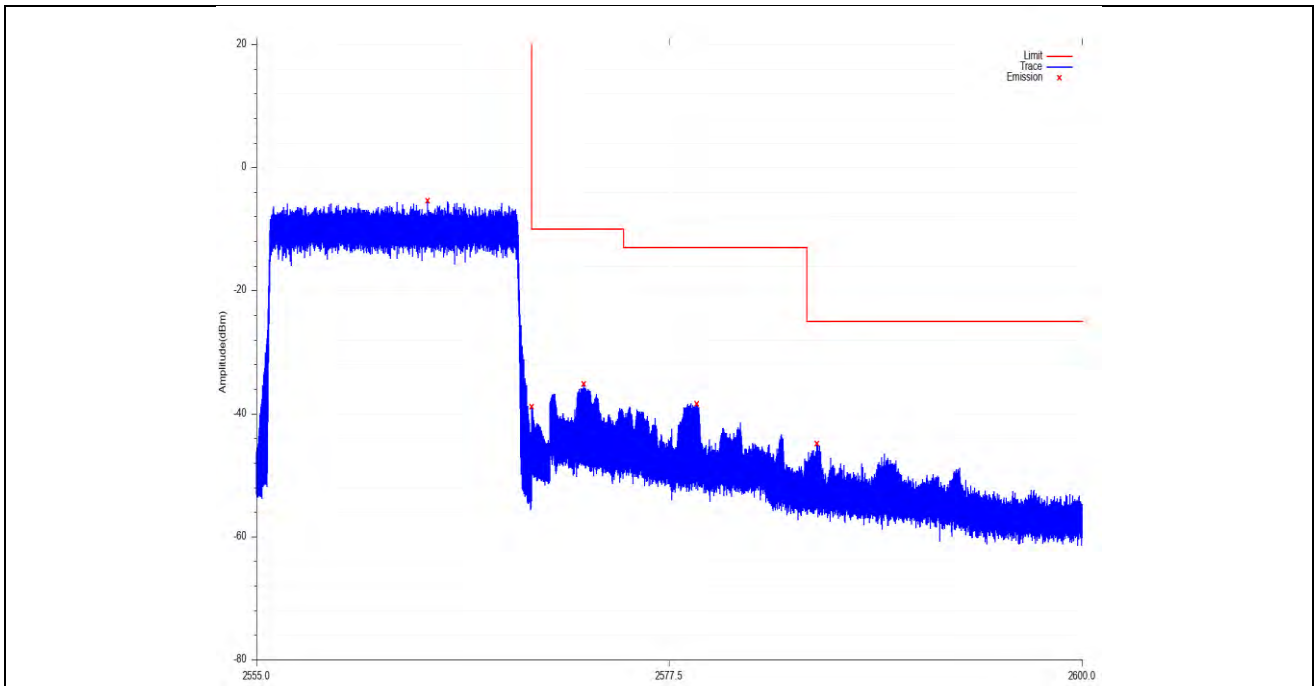
LOW_EDGE_65_NT_NV_0_Band_7_16QAM_15M_CH20825_75_0



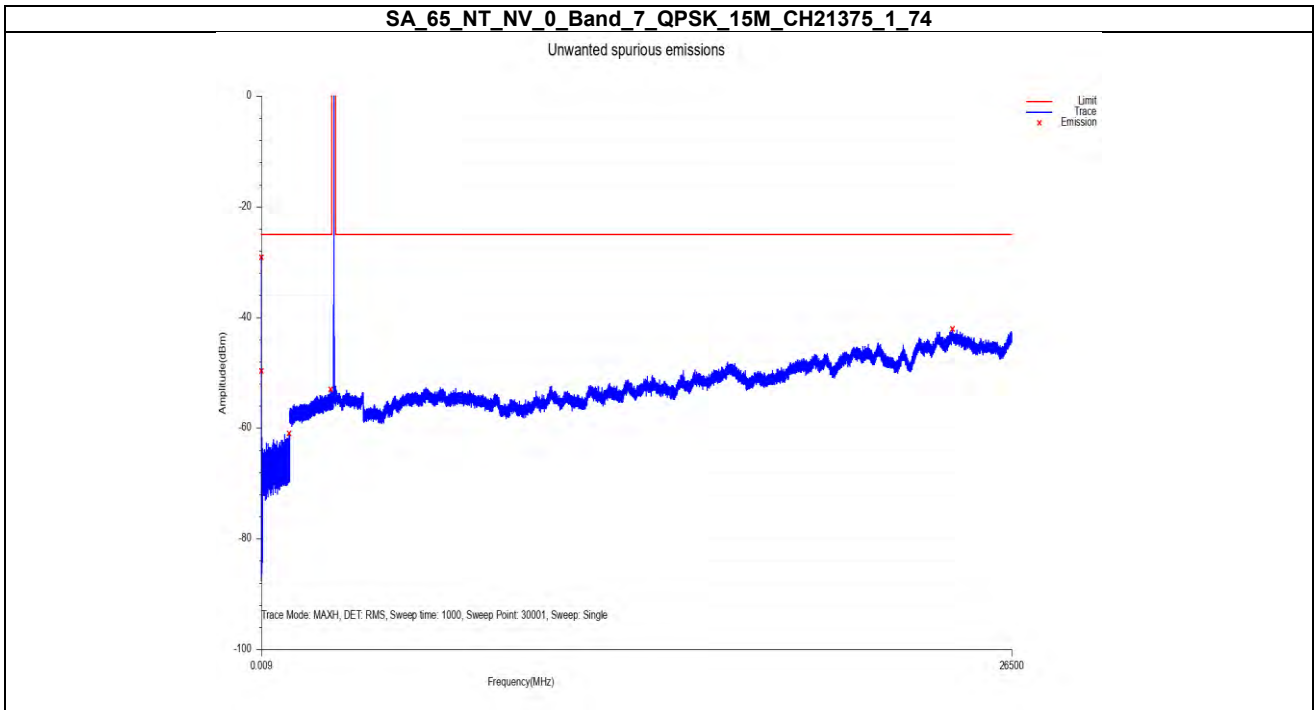
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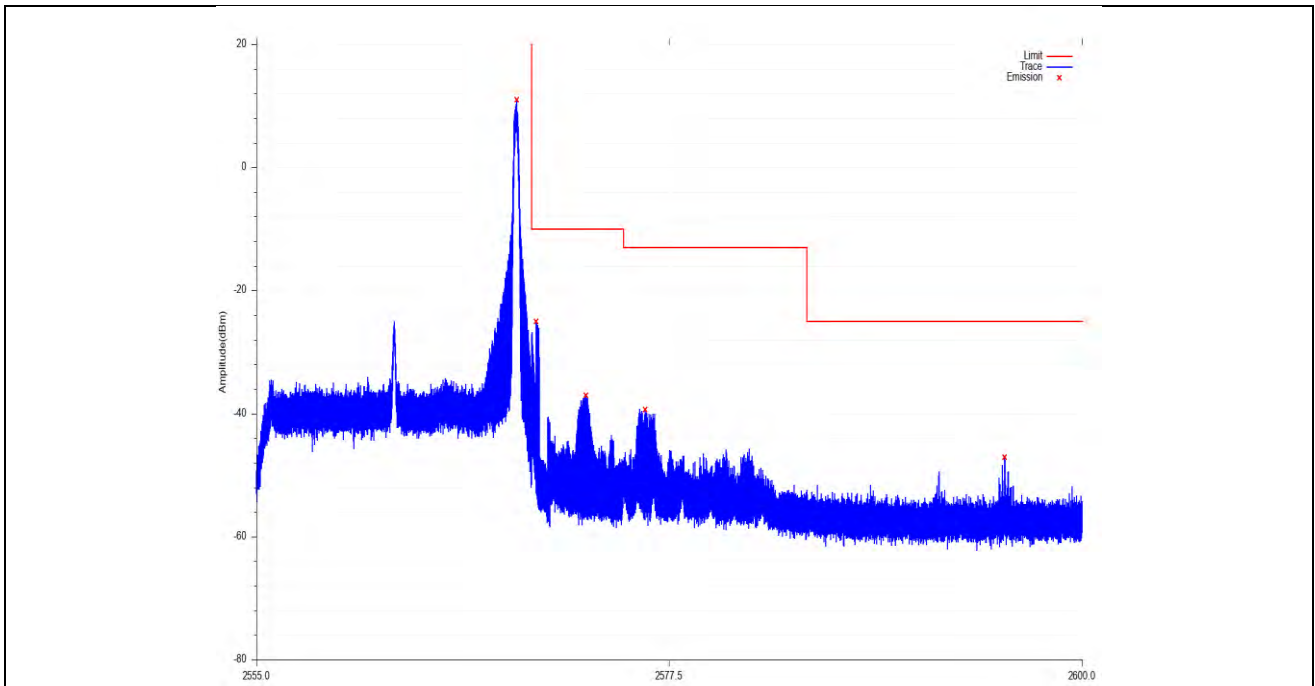




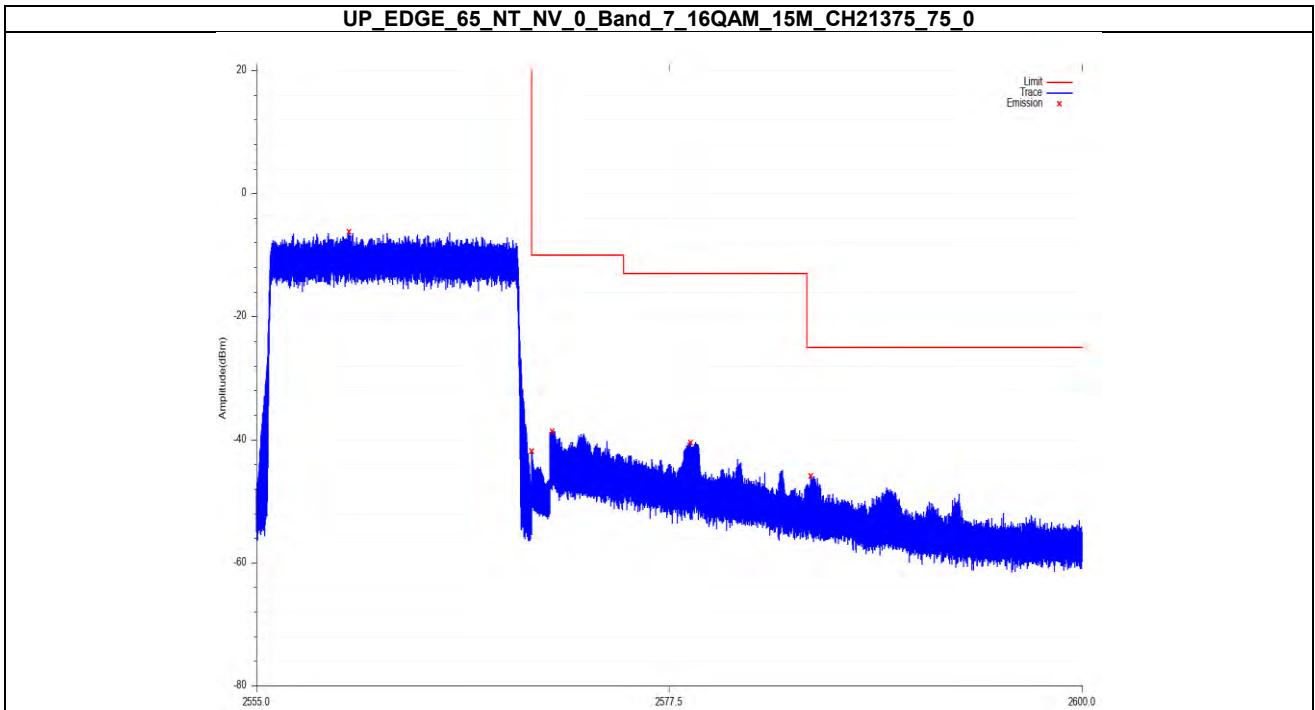
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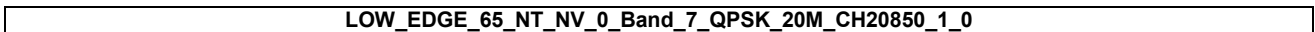
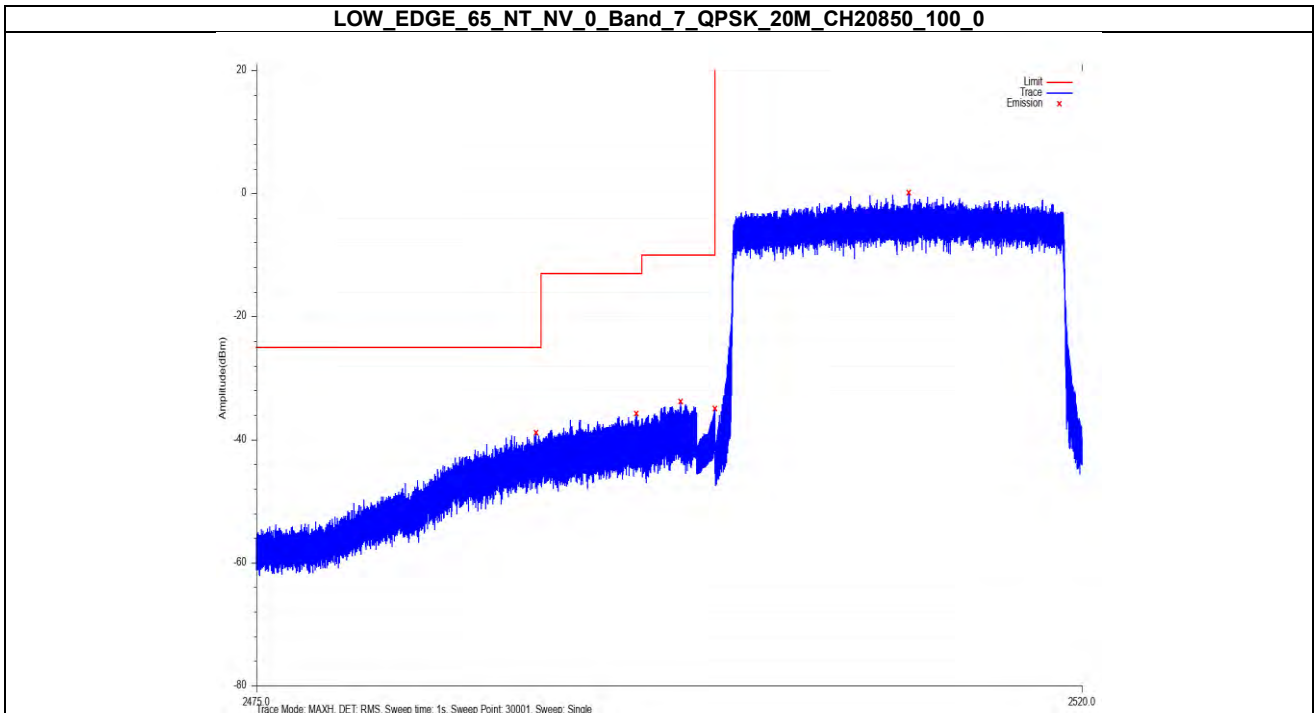
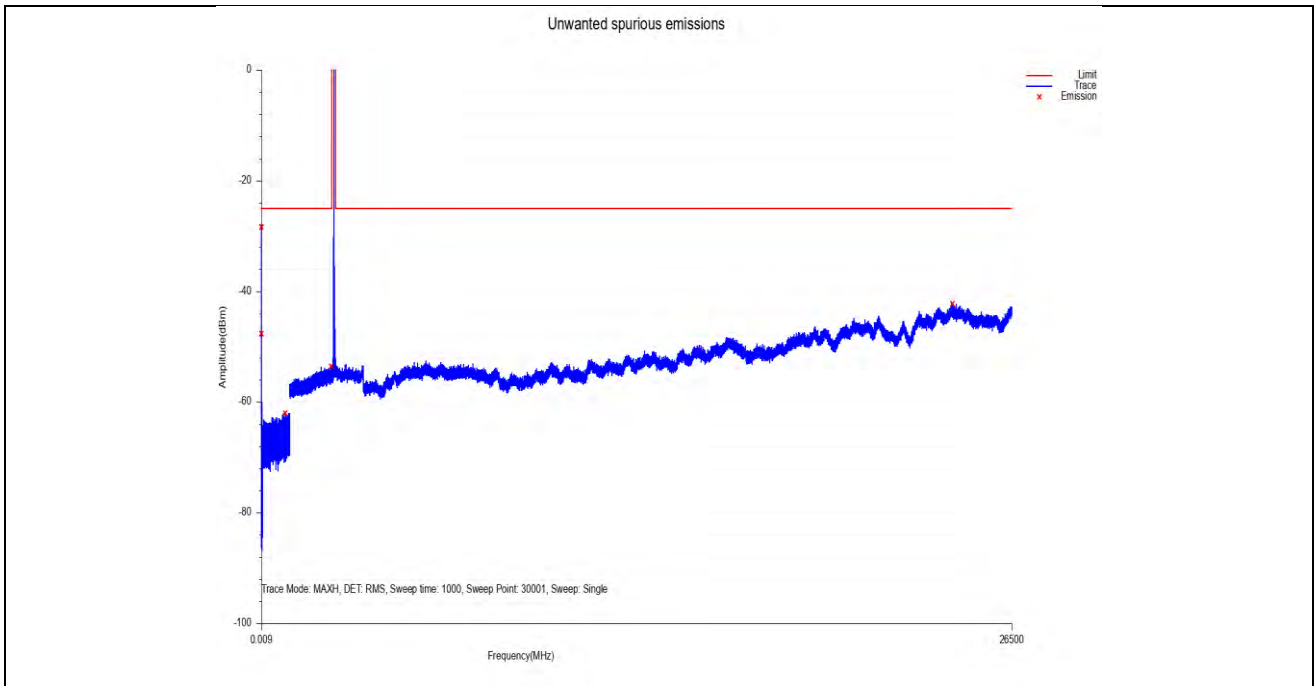
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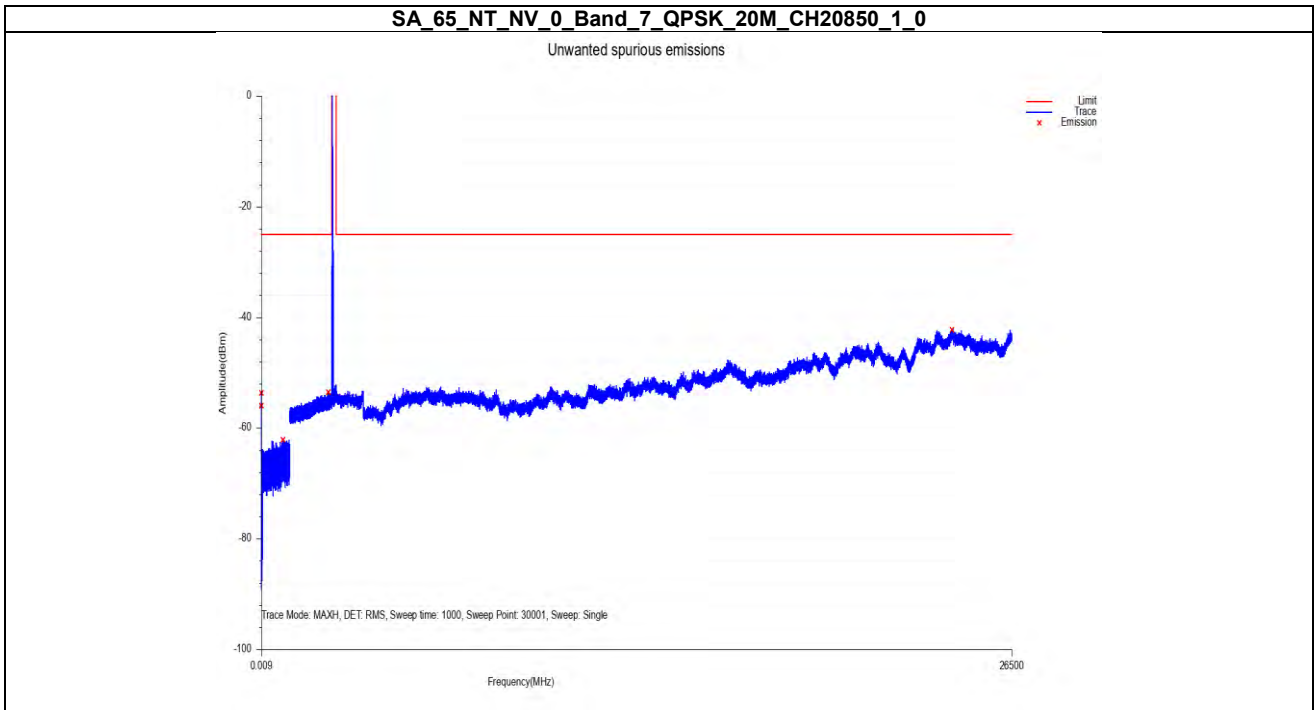
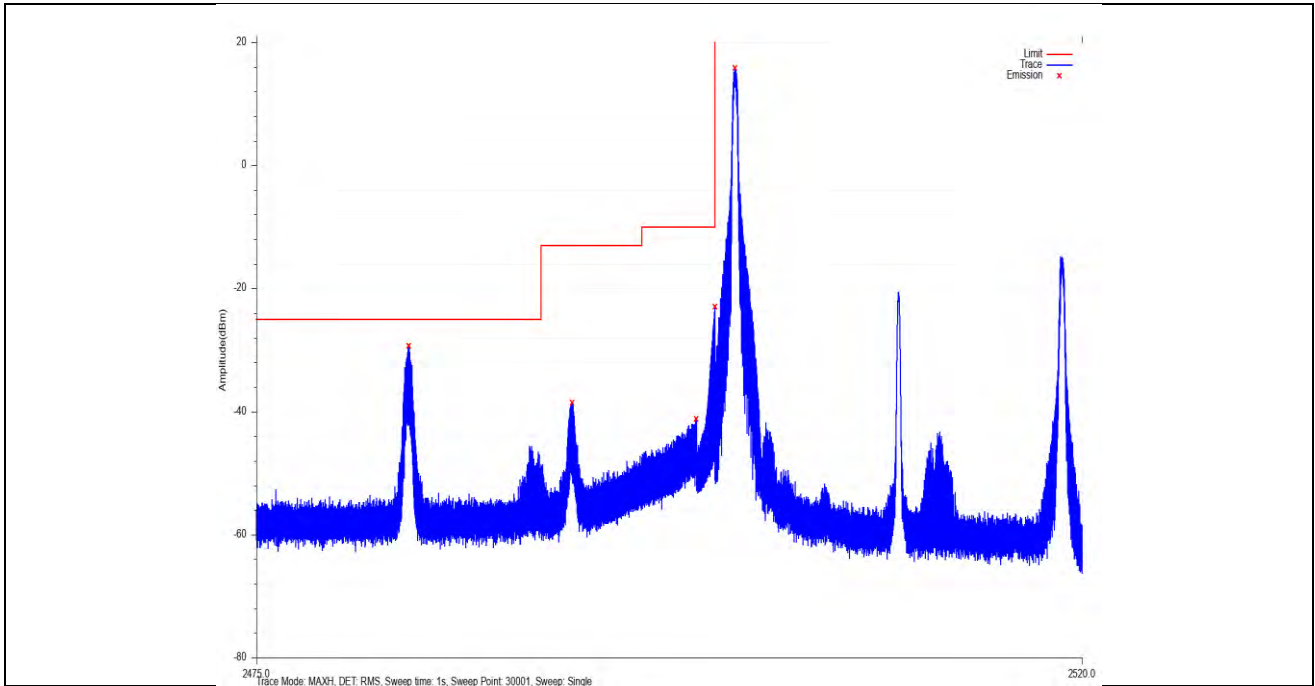


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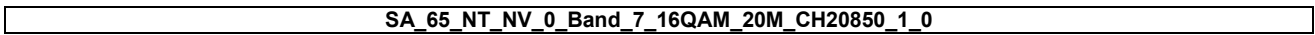
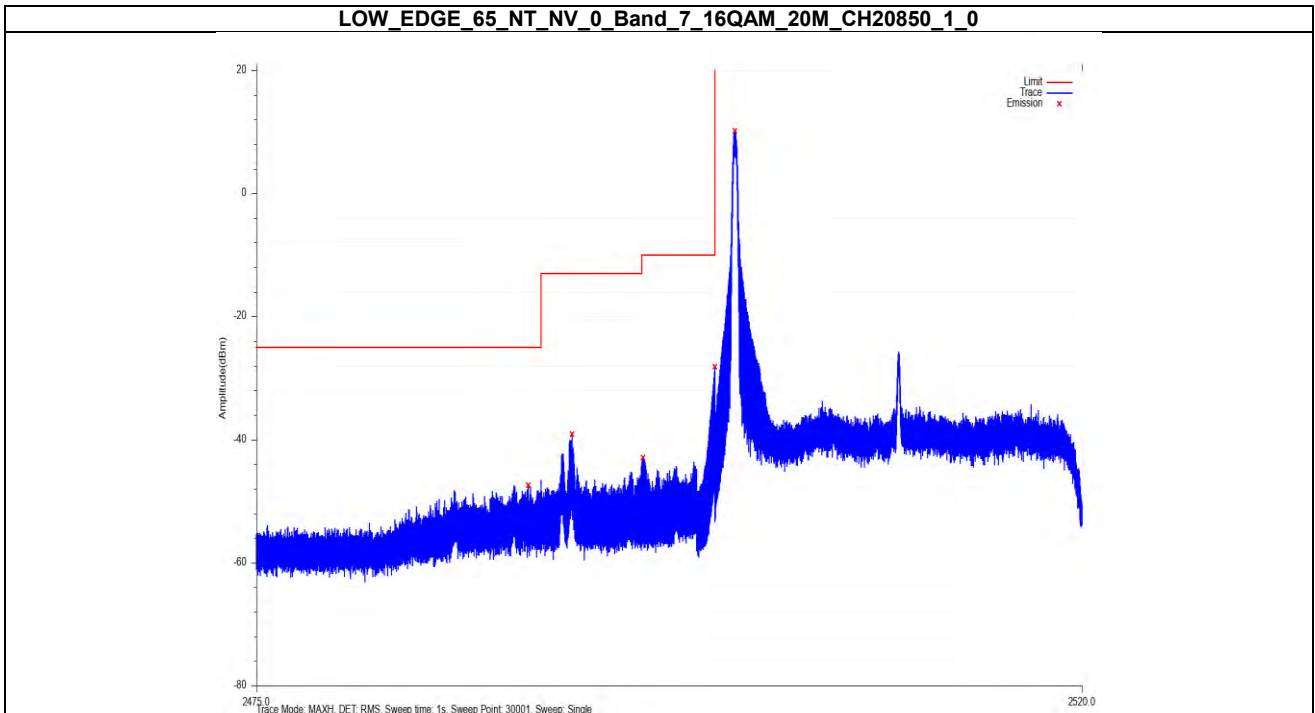
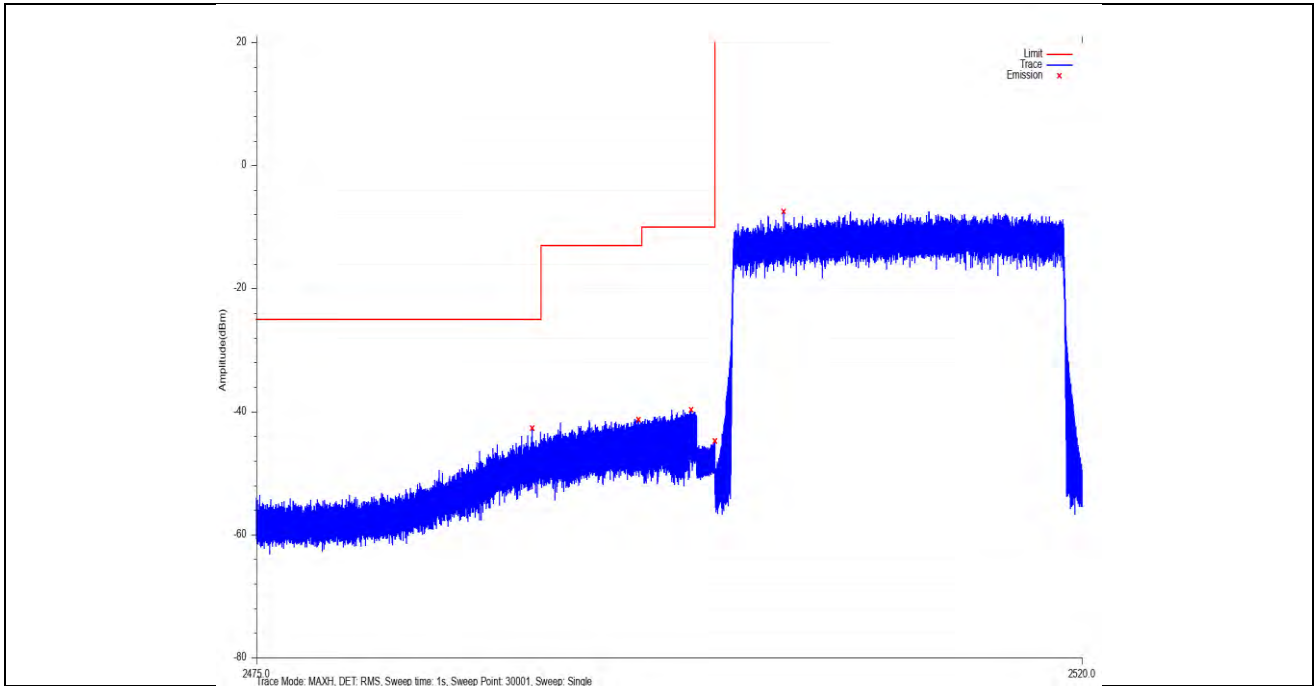


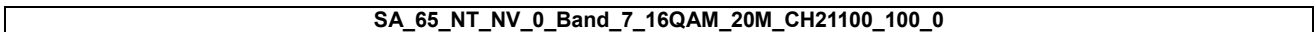
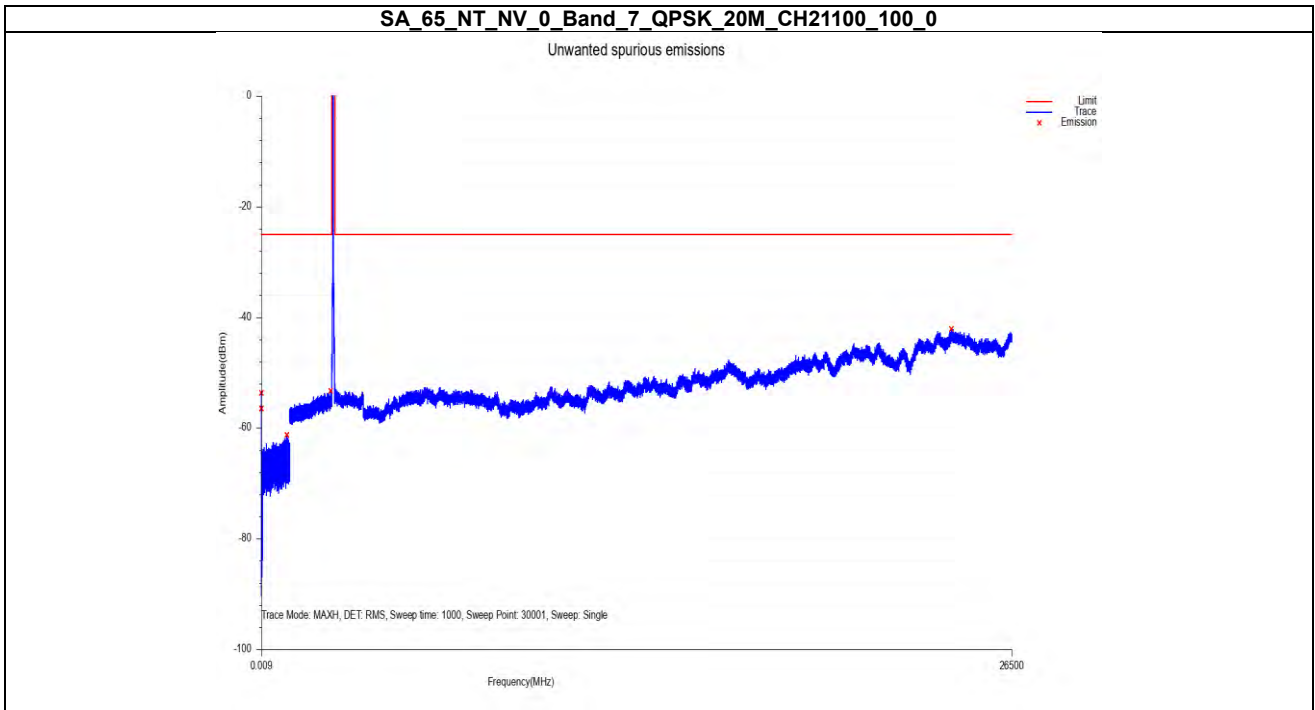
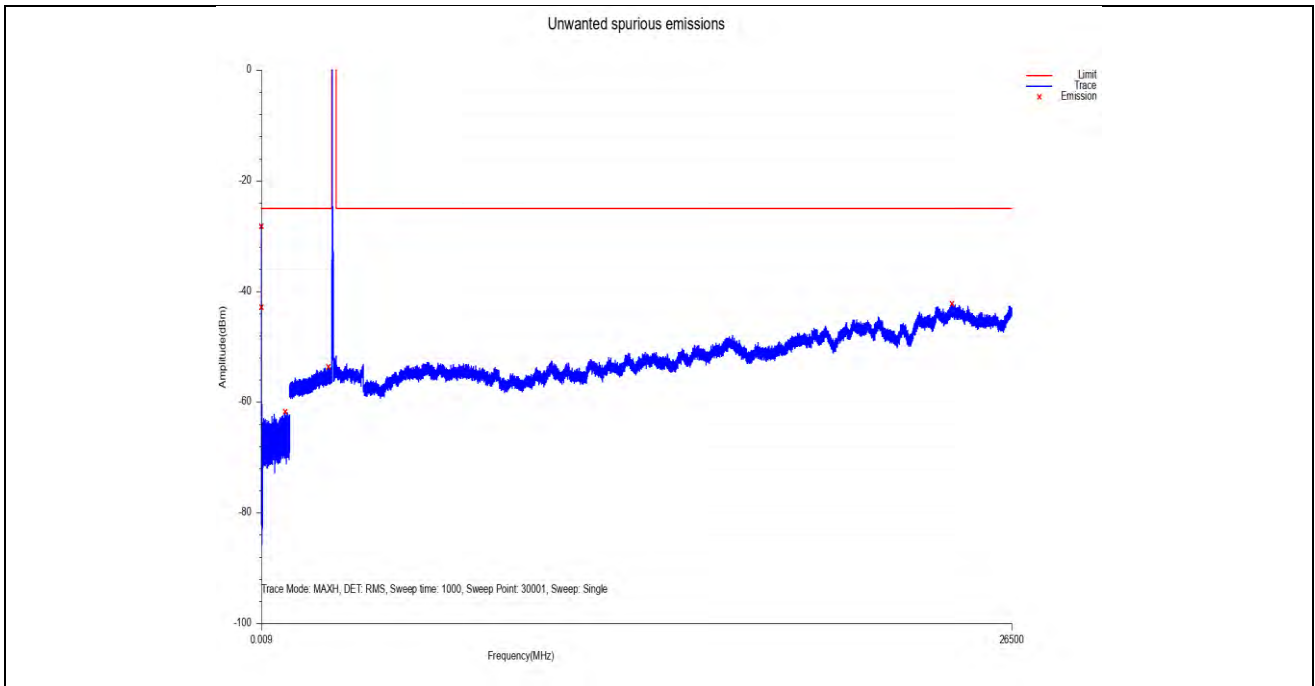
SA_65_NT_NV_0_Band_7_16QAM_15M_CH21375_1_74

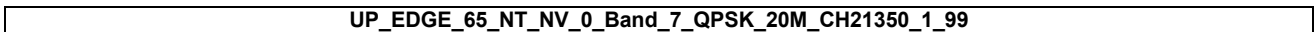
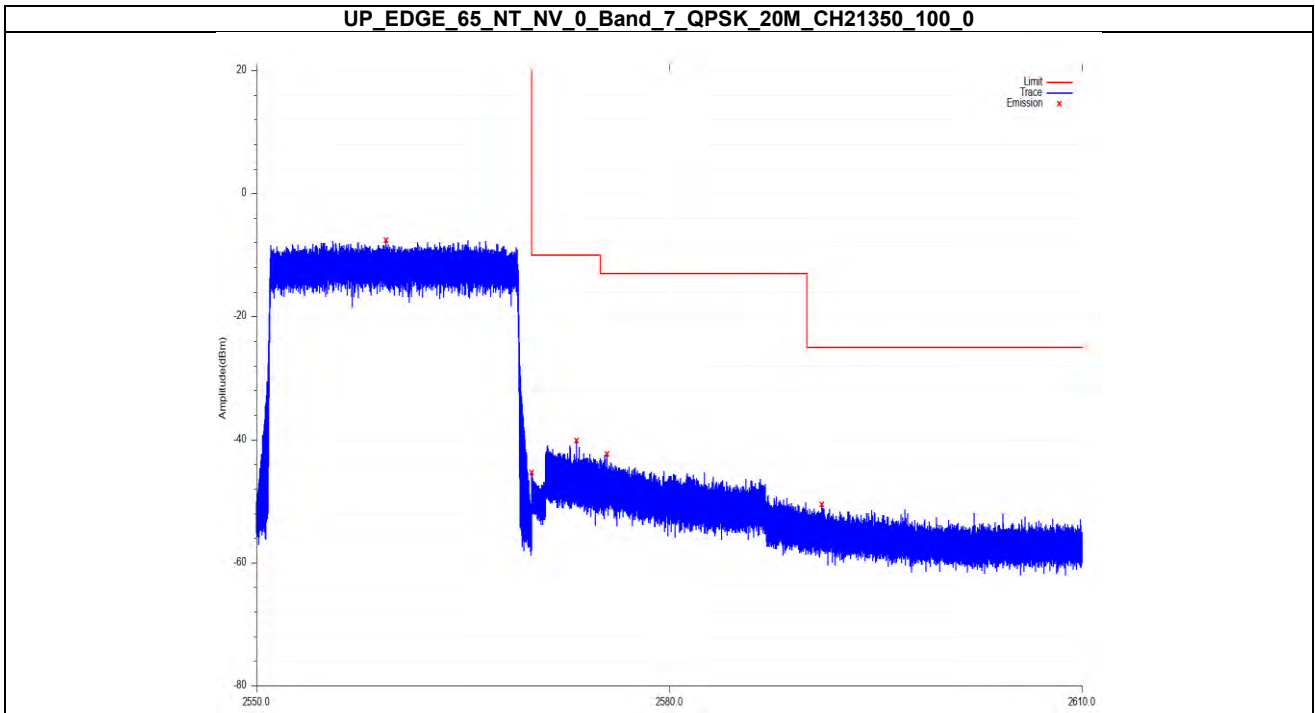
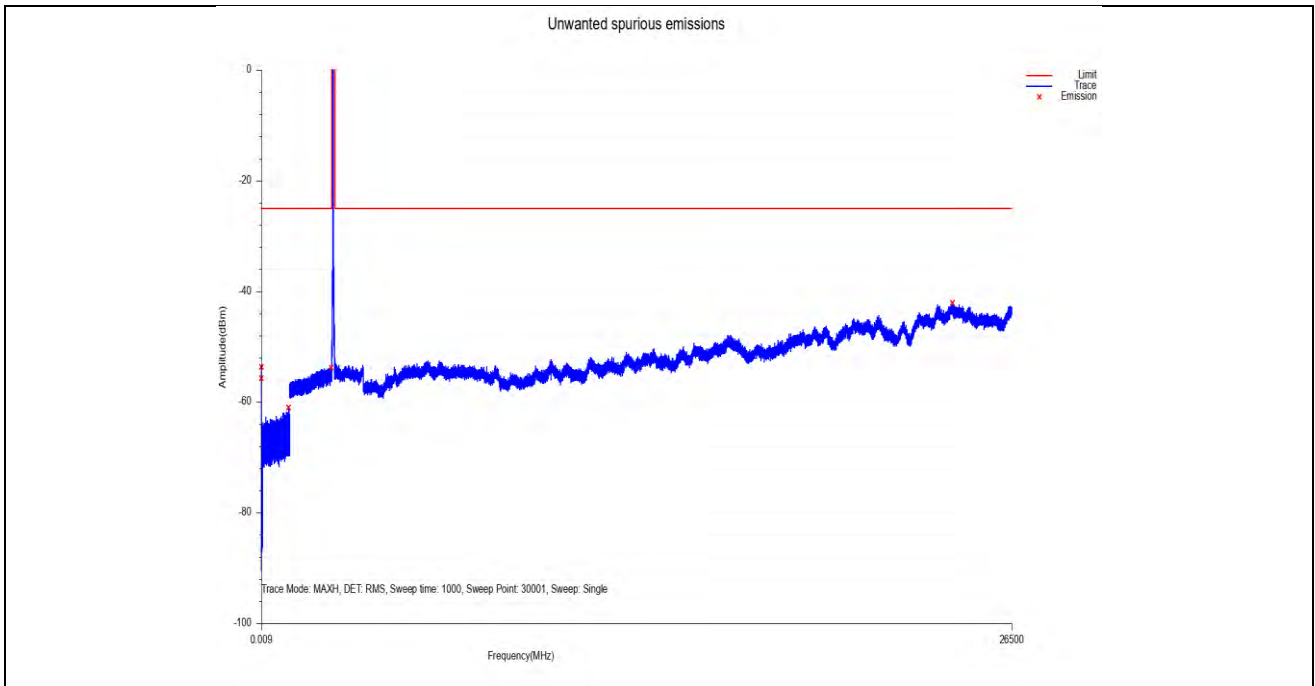


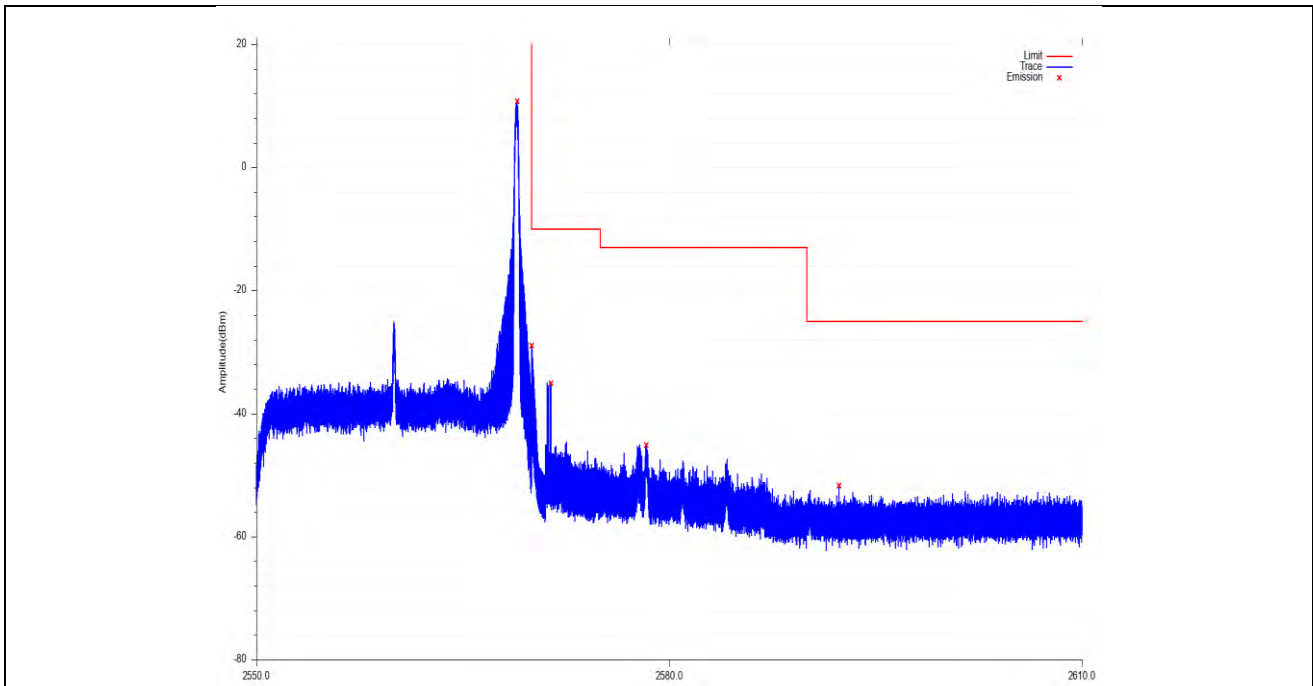


LOW_EDGE_65_NT_NV_0 Band 7_16QAM_20M_CH20850_100_0

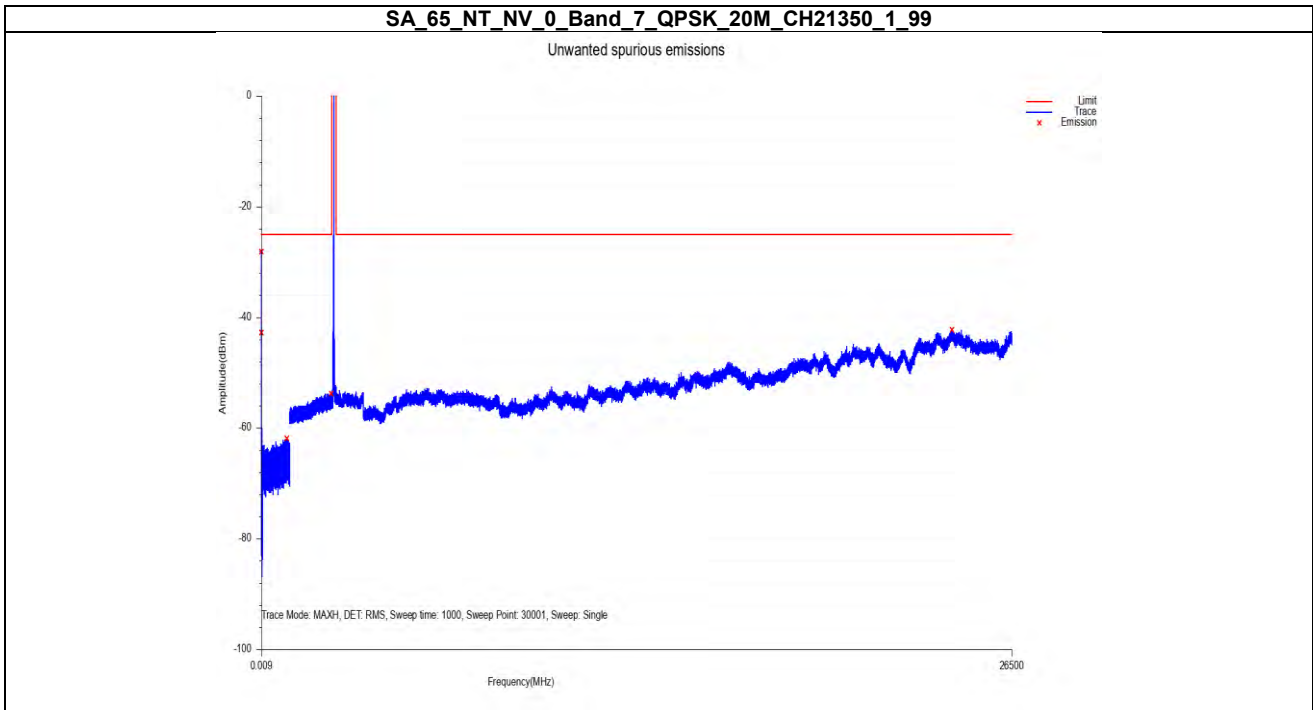




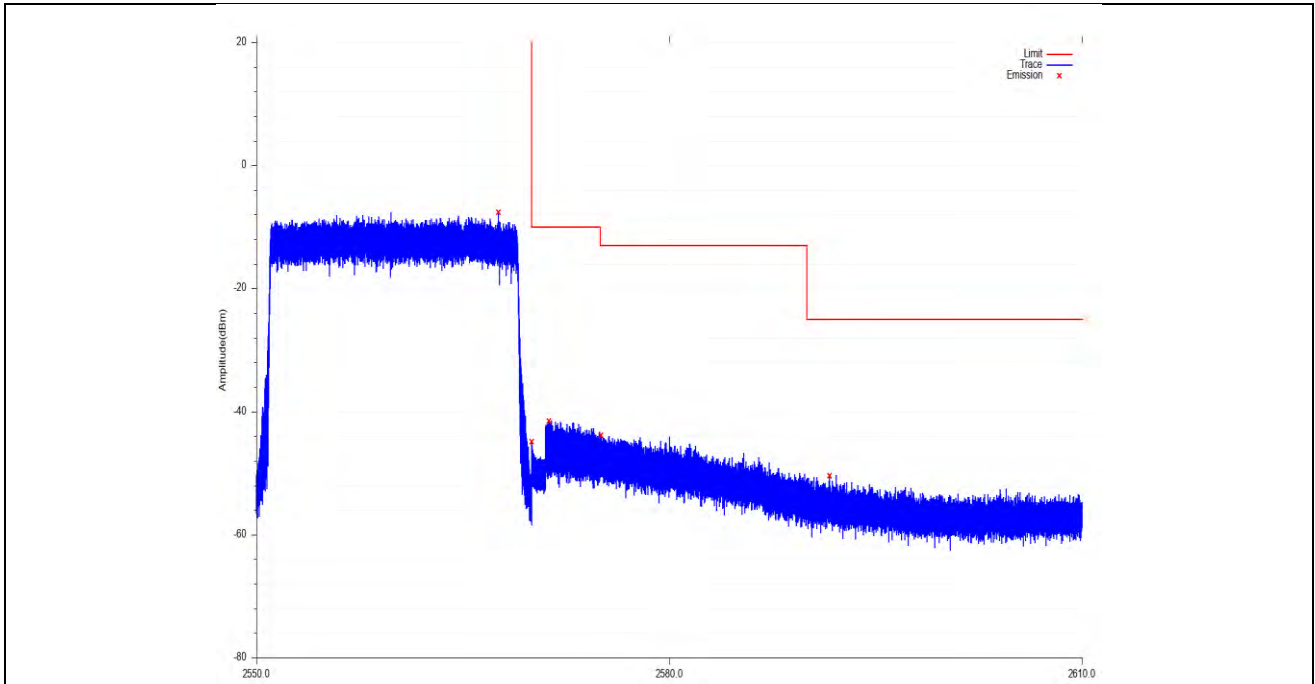




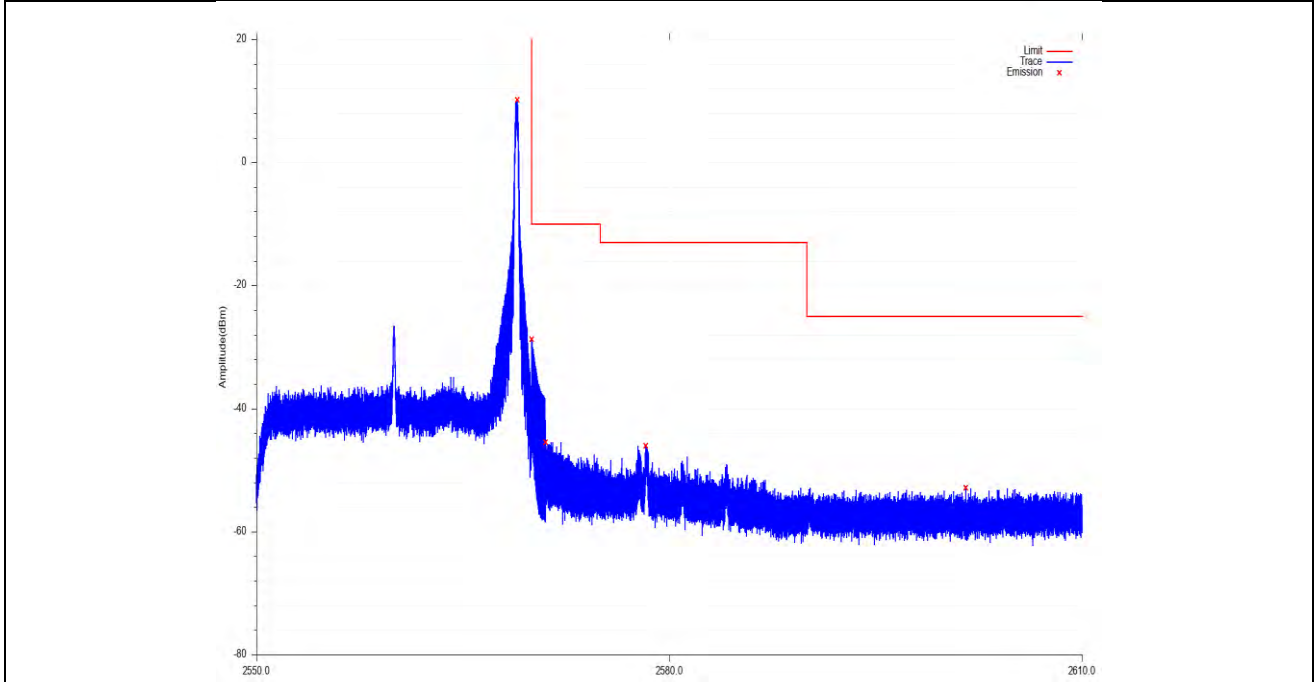
SA_65_NT_NV_0_Band_7_QPSK_20M_CH21350_1_99



UP_EDGE_65_NT_NV_0_Band_7_16QAM_20M_CH21350_100_0

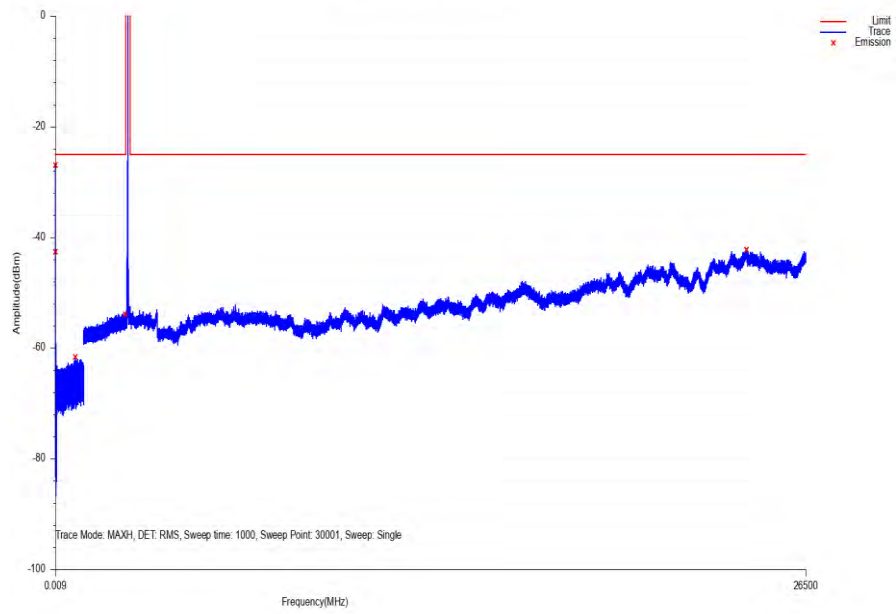


UP_EDGE_65_NT_NV_0_Band_7_16QAM_20M_CH21350_1_99



SA_65_NT_NV_0_Band_7_16QAM_20M_CH21350_1_99

Unwanted spurious emissions



5. Frequency Stability

Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	0.00323	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	0.00014	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	0.03998	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	0.01387	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	0.04051	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	0.02025	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	-0.02174	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	-0.04451	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	0.02293	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	0.04829	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	0.00876	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	-0.04058	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	-0.03028	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	0.00268	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	-0.03701	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	0.03773	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	-0.04701	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	0.02797	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	-0.02715	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	-0.01726	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	0.00945	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	0.01651	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	0.00961	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	-0.01114	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	0.02160	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	0.01298	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-0.03922	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VL	NT	-0.04109	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	0.02728	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	-0.04730	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	-0.01031	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VN	NT	0.04326	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	-0.01034	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	-0.01002	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VN	NT	-0.01936	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VH	NT	0.03052	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	0.03612	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	-0.04554	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	0.02369	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	0.00427	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	0.02241	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	-0.03476	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	0.04424	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	-0.03919	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	0.02631	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VL	NT	-0.02038	±2.5	PASS

Band7	15MHz	16QAM	20825	75RB#0	VN	NT	0.00794	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VH	NT	0.01862	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	0.01210	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	0.03388	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	-0.02319	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VL	NT	-0.01940	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VN	NT	-0.04874	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VH	NT	0.04137	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	-0.02002	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	0.01713	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	0.03882	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-0.00068	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	0.03067	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-0.01097	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	-0.02240	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	0.00462	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	-0.03937	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	-0.04986	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	-0.03575	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	-0.03470	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	-0.03556	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-0.00824	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	-0.04176	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	-0.00152	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	0.04986	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	-0.04164	±2.5	PASS

Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	0.03093	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	-0.01116	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	-0.03093	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	0.04190	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	-0.01764	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	-0.00032	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	0.02502	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	-0.00386	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	0.01483	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-0.02798	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	-0.04290	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	-0.00940	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	0.02638	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	-0.03454	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	0.04712	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	0.03723	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	0.01722	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	-0.00566	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	0.00825	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	0.02364	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	-0.01673	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	0.03187	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	-0.02403	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	0.03311	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	-0.03538	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	0.01598	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	-0.04565	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	-0.01850	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	0.00341	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	-0.00848	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	0.03318	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-0.00125	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-0.00915	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-0.02374	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	0.00817	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	-0.00341	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-0.03834	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-0.00475	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	0.00551	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	0.00206	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	0.03115	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-0.04773	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-0.00689	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-0.01539	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-0.04729	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-30	-0.00469	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-20	0.02750	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	0	0.02032	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	10	-0.03985	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	20	-0.04408	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-30	0.01849	±2.5	PASS

Band7	10MHz	16QAM	21100	50RB#0	NV	-20	-0.02446	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	0	-0.00669	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	10	-0.03098	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	20	0.01284	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	-0.03630	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-20	0.02312	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	0.04814	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	0.04161	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	0.00668	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	0.03308	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	-0.00036	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	0.03560	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	0.01726	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	0.03734	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	0.01199	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	0.02360	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	0.02822	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	-0.03486	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	0.02153	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	0.01912	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	0.02007	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	0.02210	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	0.01222	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	0.04912	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-30	0.02822	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-20	0.04434	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	0	-0.01059	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	10	0.04566	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	20	0.02695	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-30	0.01823	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-20	0.02920	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	0	-0.01401	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	10	0.03686	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	20	0.01296	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-30	-0.01714	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-20	0.01683	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	0	-0.03352	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	10	0.00073	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	20	-0.00021	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	0.01804	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	-0.01362	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	0.04185	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	-0.00917	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	0.00948	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-0.03238	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	0.00697	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	0.02180	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	0.03846	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-0.04945	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	0.00565	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	0.00309	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	0.02049	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	-0.00073	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	0.04120	±2.5	PASS

Band7	20MHz	16QAM	20850	100RB#0	NV	-30	-0.01053	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	-0.00665	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	-0.04658	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	0.04846	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	0.01733	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-0.03917	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	0.03062	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	0.02223	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	-0.02019	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-0.02536	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	0.00107	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	-0.04339	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	0.00832	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	0.02142	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	-0.00615	±2.5	PASS