Appendix B

E-UTRA Band 26 (824-849)

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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1RB#0	23.28	19.93	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#2	23.38	20.03	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	23.42	20.07	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#0	23.01	19.66	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#1	23.13	19.78	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#3	23.32	19.97	38.45	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	22.10	18.75	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#2	23.45	20.10	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#5	23.30	19.95	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	23.20	19.85	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#0	23.14	19.79	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#1	23.02	19.67	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#3	23.29	19.94	38.45	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	22.05	18.70	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	23.28	19.93	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	23.44	20.09	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#2	23.39	20.04	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#0	23.48	20.13	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#1	23.48	20.13	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#3	23.31	19.96	38.45	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	22.29	18.94	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	22.10	18.75	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	22.08	18.73	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#2	22.36	19.01	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#1	22.34	18.99	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#0	22.14	18.79	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#3	22.28	18.93	38.45	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	21.20	17.85	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#2	22.11	18.76	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	22.00	18.65	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#5	22.32	18.97	38.45	PASS
Band26	1.4MHz	16QAM	26915	3RB#3	22.39	19.04	38.45	PASS
Band26	1.4MHz	16QAM	26915	3RB#0	22.44	19.09	38.45	PASS

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Band26	1.4MHz	16QAM	26915	3RB#1	22.10	18.75	38.45	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	21.04	17.69	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	22.18	18.83	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#2	22.41	19.06	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	22.15	18.80	38.45	PASS
Band26	1.4MHz	16QAM	27033	3RB#1	22.47	19.12	38.45	PASS
Band26	1.4MHz	16QAM	27033	3RB#0	22.46	19.11	38.45	PASS
Band26	1.4MHz	16QAM	27033	3RB#3	22.01	18.66	38.45	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	21.07	17.72	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#8	23.46	20.11	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#14	23.34	19.99	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#0	23.24	19.89	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#4	22.35	19.00	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#0	22.08	18.73	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#7	22.29	18.94	38.45	PASS
Band26	3MHz	QPSK	26805	15RB#0	22.21	18.86	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#14	23.22	19.87	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#8	23.44	20.09	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#0	23.34	19.99	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#4	22.06	18.71	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#7	22.00	18.65	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#0	22.39	19.04	38.45	PASS
Band26	3MHz	QPSK	26915	15RB#0	22.04	18.69	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#8	23.14	19.79	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#14	23.05	19.70	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#0	23.37	20.02	38.45	PASS
Band26	3MHz	QPSK	27025	8RB#7	22.29	18.94	38.45	PASS
Band26	3MHz	QPSK	27025	8RB#4	22.07	18.72	38.45	PASS
Band26	3MHz	QPSK	27025	8RB#0	22.43	19.08	38.45	PASS
Band26	3MHz	QPSK	27025	15RB#0	22.20	18.85	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#14	22.04	18.69	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#8	22.27	18.92	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#0	22.14	18.79	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#4	21.29	17.94	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#0	21.40	18.05	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#7	21.45	18.10	38.45	PASS
Band26	3MHz	16QAM	26805	15RB#0	21.40	18.05	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#8	22.12	18.77	38.45	PASS

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Band26	3MHz	16QAM	26915	1RB#14	22.17	18.82	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#0	22.14	18.79	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#7	21.13	17.78	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#4	21.27	17.92	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#0	21.47	18.12	38.45	PASS
Band26	3MHz	16QAM	26915	15RB#0	21.16	17.81	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#0	22.14	18.79	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#8	22.39	19.04	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#14	22.12	18.77	38.45	PASS
Band26	3MHz	16QAM	27025	8RB#7	21.35	18.00	38.45	PASS
Band26	3MHz	16QAM	27025	8RB#4	21.18	17.83	38.45	PASS
Band26	3MHz	16QAM	27025	8RB#0	21.18	17.83	38.45	PASS
Band26	3MHz	16QAM	27025	15RB#0	21.04	17.69	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#0	23.28	19.93	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#24	23.01	19.66	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#12	23.42	20.07	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#0	22.11	18.76	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#13	22.01	18.66	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#6	22.16	18.81	38.45	PASS
Band26	5MHz	QPSK	26815	25RB#0	22.18	18.83	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#24	23.38	20.03	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#0	23.38	20.03	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#12	23.33	19.98	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#0	22.26	18.91	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#13	22.14	18.79	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#6	22.13	18.78	38.45	PASS
Band26	5MHz	QPSK	26915	25RB#0	22.06	18.71	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#24	23.24	19.89	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#12	23.47	20.12	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#0	23.32	19.97	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#6	22.10	18.75	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#0	22.04	18.69	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#13	22.34	18.99	38.45	PASS
Band26	5MHz	QPSK	27015	25RB#0	22.19	18.84	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#24	22.42	19.07	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#0	22.49	19.14	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#12	22.38	19.03	38.45	PASS
Band26	5MHz	16QAM	26815	12RB#6	21.30	17.95	38.45	PASS

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Band26	5MHz	16QAM	26815	12RB#0	21.47	18.12	38.45	PASS
Band26	5MHz	16QAM	26815	12RB#13	21.28	17.93	38.45	PASS
Band26	5MHz	16QAM	26815	25RB#0	21.39	18.04	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#12	22.31	18.96	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#24	22.20	18.85	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#0	22.26	18.91	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#6	21.49	18.14	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#13	21.48	18.13	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#0	21.06	17.71	38.45	PASS
Band26	5MHz	16QAM	26915	25RB#0	21.01	17.66	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#0	22.05	18.70	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#12	22.01	18.66	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#24	22.42	19.07	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#0	21.34	17.99	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#6	21.44	18.09	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#13	21.27	17.92	38.45	PASS
Band26	5MHz	16QAM	27015	25RB#0	21.27	17.92	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#24	23.01	19.66	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#49	23.24	19.89	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#0	23.13	19.78	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#25	22.39	19.04	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#12	22.42	19.07	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#0	22.32	18.97	38.45	PASS
Band26	10MHz	QPSK	26840	50RB#0	22.03	18.68	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#0	23.46	20.11	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#24	23.21	19.86	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#49	23.49	20.14	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#0	22.30	18.95	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#25	22.02	18.67	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#12	22.15	18.80	38.45	PASS
Band26	10MHz	QPSK	26915	50RB#0	22.43	19.08	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#49	23.17	19.82	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#24	23.37	20.02	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#0	23.00	19.65	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#25	22.37	19.02	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#0	22.03	18.68	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#12	22.24	18.89	38.45	PASS
Band26	10MHz	QPSK	26990	50RB#0	22.29	18.94	38.45	PASS

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Band26	10MHz	16QAM	26840	1RB#0	22.30	18.95	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#24	22.48	19.13	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#49	22.05	18.70	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#0	21.07	17.72	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#25	21.30	17.95	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#12	21.13	17.78	38.45	PASS
Band26	10MHz	16QAM	26840	50RB#0	21.39	18.04	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#24	22.24	18.89	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#0	22.46	19.11	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#49	22.16	18.81	38.45	PASS
Band26	10MHz	16QAM	26915	25RB#0	21.19	17.84	38.45	PASS
Band26	10MHz	16QAM	26915	25RB#12	21.47	18.12	38.45	PASS
Band26	10MHz	16QAM	26915	25RB#25	21.22	17.87	38.45	PASS
Band26	10MHz	16QAM	26915	50RB#0	21.33	17.98	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#24	22.29	18.94	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#0	22.34	18.99	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#49	22.44	19.09	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#12	21.05	17.70	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#0	21.04	17.69	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#25	21.26	17.91	38.45	PASS
Band26	10MHz	16QAM	26990	50RB#0	21.34	17.99	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#74	23.23	19.88	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#0	23.32	19.97	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#38	23.03	19.68	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#0	22.20	18.85	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#18	22.22	18.87	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#39	22.44	19.09	38.45	PASS
Band26	15MHz	QPSK	26865	75RB#0	22.06	18.71	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#74	23.50	20.15	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#38	23.07	19.72	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#0	23.42	20.07	38.45	PASS
Band26	15MHz	QPSK	26915	36RB#39	22.33	18.98	38.45	PASS
Band26	15MHz	QPSK	26915	36RB#0	22.13	18.78	38.45	PASS
Band26	15MHz	QPSK	26915	36RB#18	22.36	19.01	38.45	PASS
Band26	15MHz	QPSK	26915	75RB#0	22.44	19.09	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#74	23.20	19.85	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#38	23.21	19.86	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#0	23.37	20.02	38.45	PASS

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Band26	15MHz	QPSK	26965	36RB#18	22.47	19.12	38.45	PASS
Band26	15MHz	QPSK	26965	36RB#39	22.33	18.98	38.45	PASS
Band26	15MHz	QPSK	26965	36RB#0	22.37	19.02	38.45	PASS
Band26	15MHz	QPSK	26965	75RB#0	22.13	18.78	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#0	22.39	19.04	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#74	22.26	18.91	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#38	22.09	18.74	38.45	PASS
Band26	15MHz	16QAM	26865	36RB#0	21.04	17.69	38.45	PASS
Band26	15MHz	16QAM	26865	36RB#18	21.18	17.83	38.45	PASS
Band26	15MHz	16QAM	26865	36RB#39	21.30	17.95	38.45	PASS
Band26	15MHz	16QAM	26865	75RB#0	21.05	17.70	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#0	22.47	19.12	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#38	22.21	18.86	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#74	22.44	19.09	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#18	21.34	17.99	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#0	21.37	18.02	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#39	21.24	17.89	38.45	PASS
Band26	15MHz	16QAM	26915	75RB#0	21.16	17.81	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#0	22.23	18.88	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#38	22.35	19.00	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#74	22.02	18.67	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#0	21.48	18.13	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#18	21.14	17.79	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#39	21.20	17.85	38.45	PASS
Band26	15MHz	16QAM	26965	75RB#0	21.38	18.03	38.45	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

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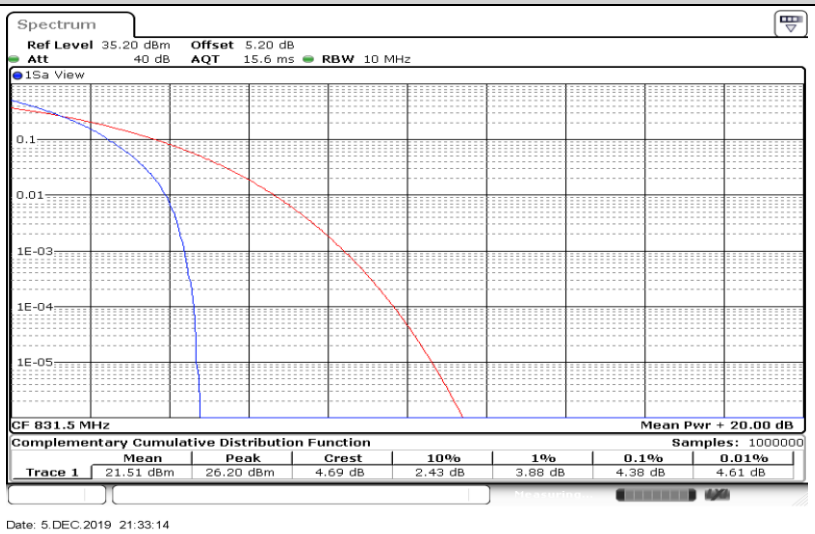
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	15MHz	QPSK	26865	75RB#0	4.38	13	PASS
Band26	15MHz	QPSK	26915	75RB#0	4.26	13	PASS
Band26	15MHz	QPSK	26965	75RB#0	4.61	13	PASS
Band26	15MHz	16QAM	26865	75RB#0	5.71	13	PASS
Band26	15MHz	16QAM	26915	75RB#0	5.62	13	PASS
Band26	15MHz	16QAM	26965	75RB#0	5.80	13	PASS

2.2. Test Plots

Band26-15MHz-QPSK-26865-75RB#0



Band26-15MHz-QPSK-26915-75RB#0

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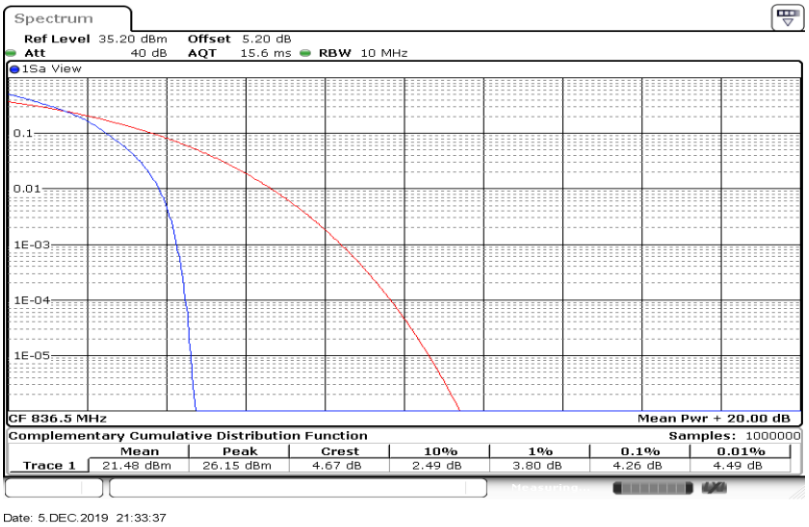
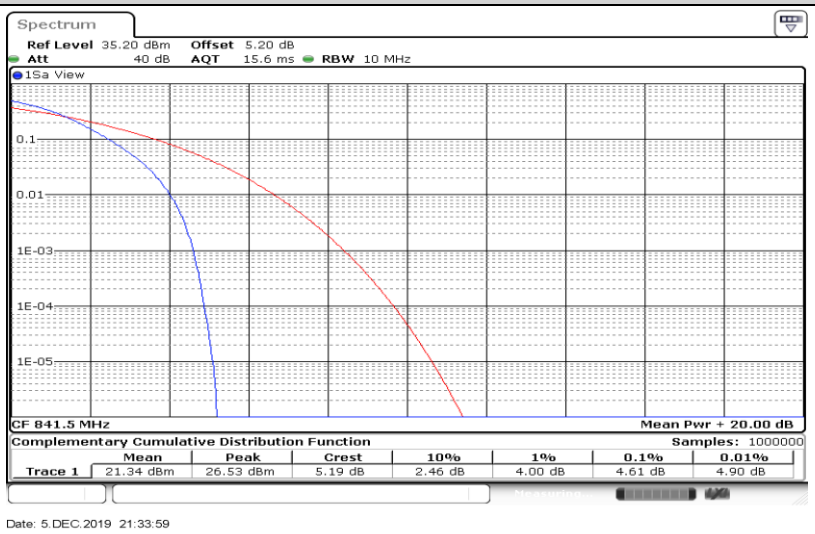


Band26-15MHz-QPSK-26965-75RB#0



Band26-15MHz-16QAM-26865-75RB#0

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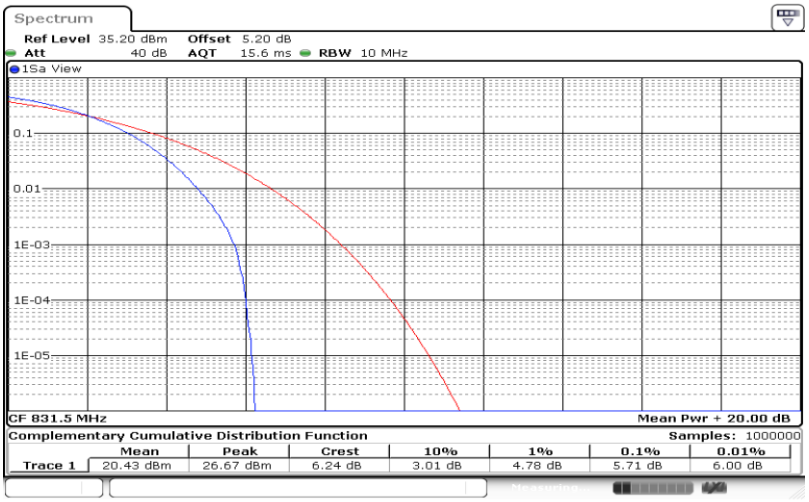
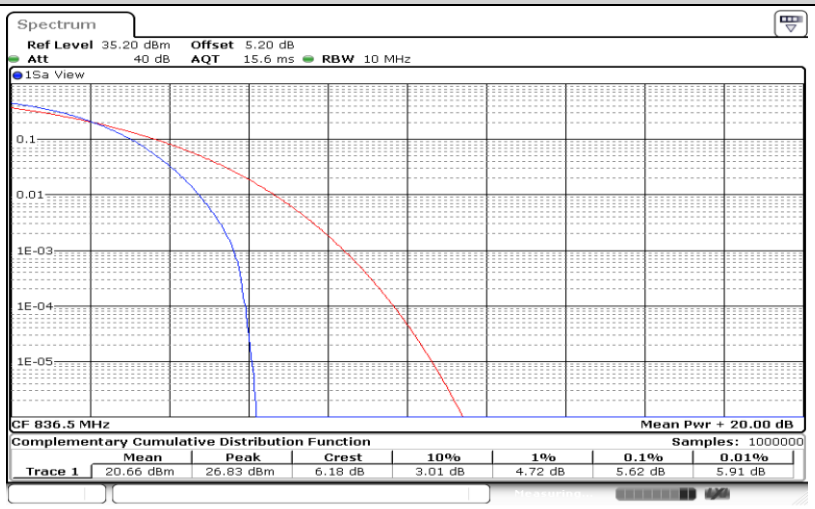


Band26-15MHz-16QAM-26915-75RB#0



Band26-15MHz-16QAM-26965-75RB#0

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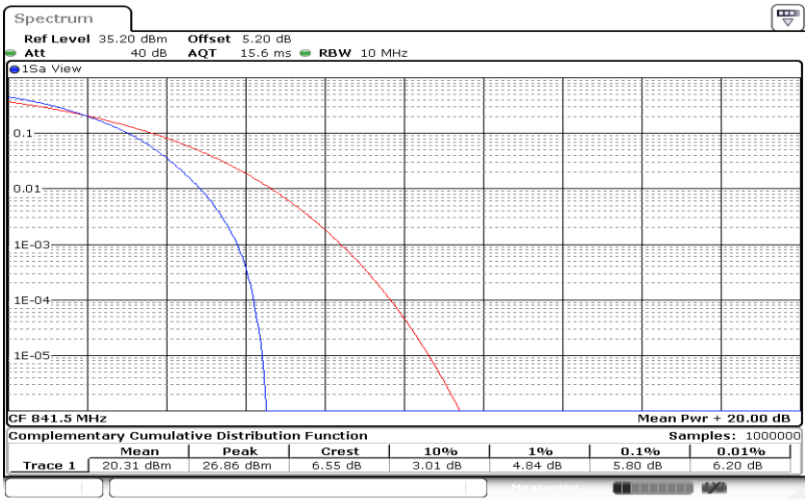

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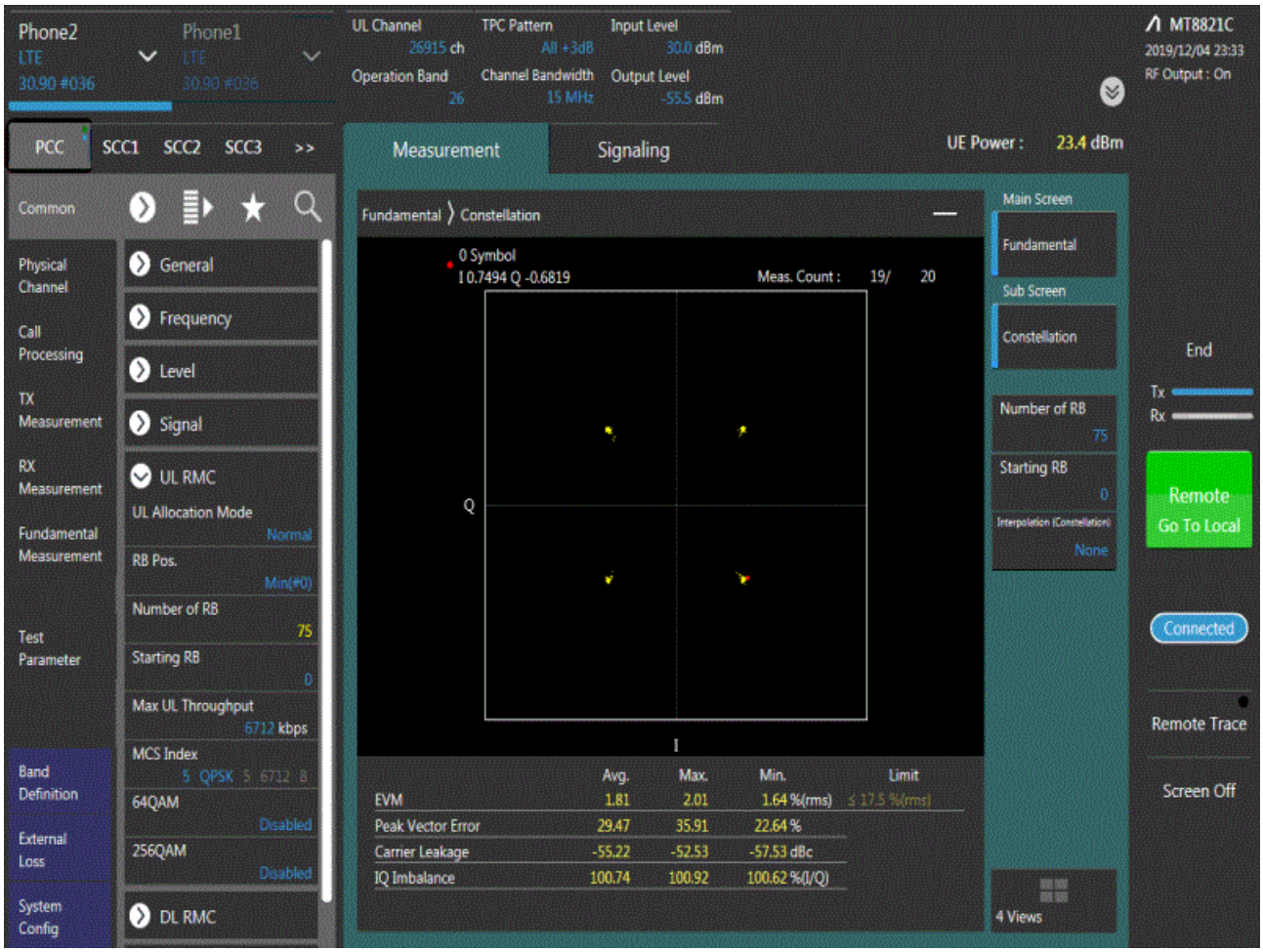
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 15MHz

3.1.1.Test Channel = MCH



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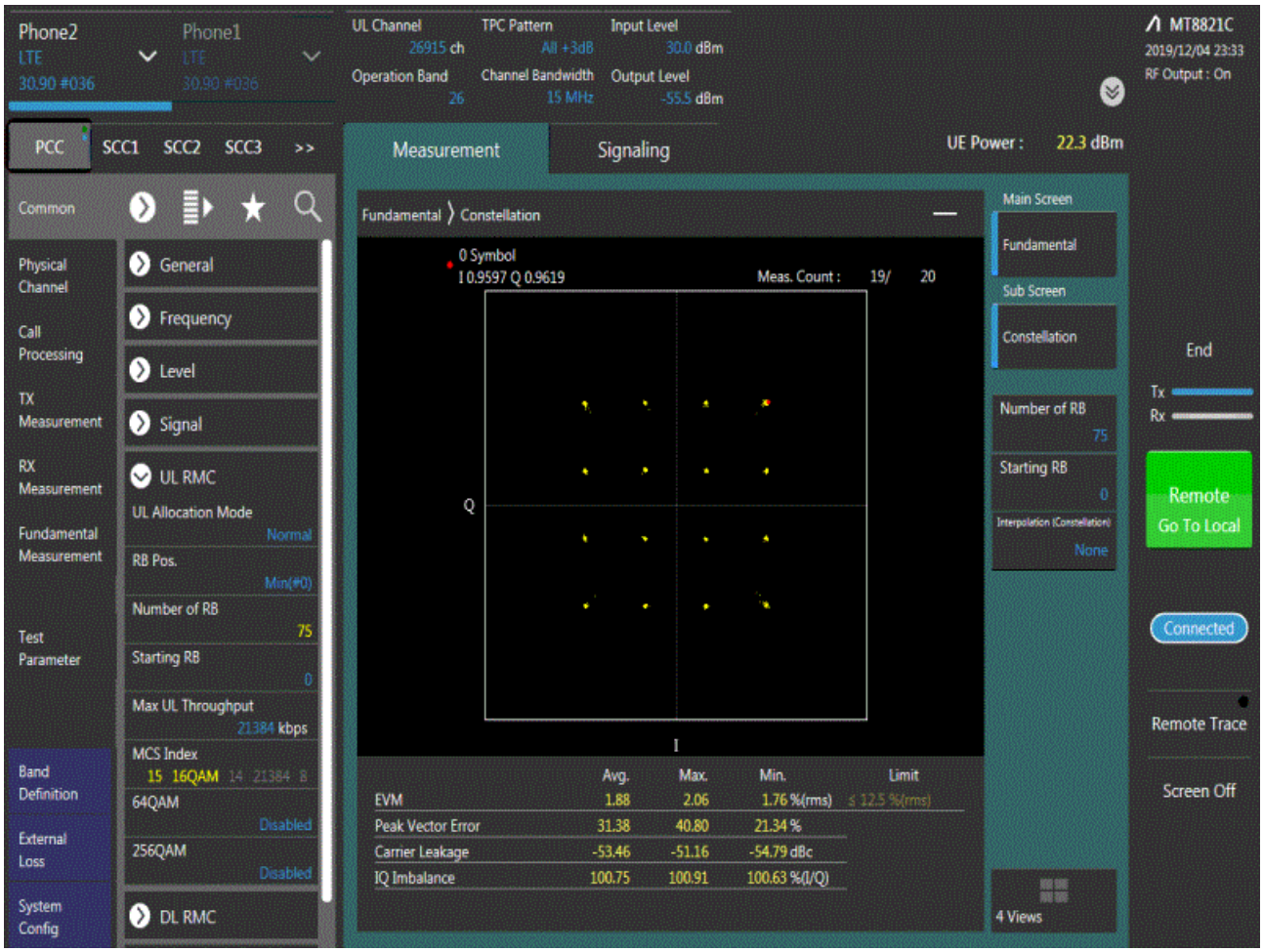
3.2. Test Mode = LTE /TM2 15MHz

3.2.1.Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26797	6RB#0	1.091	1.290	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.091	1.299	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	1.091	1.296	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	1.091	1.281	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.091	1.281	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	1.091	1.284	PASS
Band26	3MHz	QPSK	26805	15RB#0	2.691	2.994	PASS
Band26	3MHz	QPSK	26915	15RB#0	2.691	2.994	PASS
Band26	3MHz	QPSK	27025	15RB#0	2.697	2.982	PASS
Band26	3MHz	16QAM	26805	15RB#0	2.685	2.976	PASS
Band26	3MHz	16QAM	26915	15RB#0	2.685	2.964	PASS
Band26	3MHz	16QAM	27025	15RB#0	2.685	2.976	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.476	4.930	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.466	4.890	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.476	4.900	PASS
Band26	5MHz	16QAM	26815	25RB#0	4.486	4.960	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.496	4.960	PASS
Band26	5MHz	16QAM	27015	25RB#0	4.486	4.940	PASS
Band26	10MHz	QPSK	26840	50RB#0	8.931	9.740	PASS
Band26	10MHz	QPSK	26915	50RB#0	8.911	9.660	PASS
Band26	10MHz	QPSK	26990	50RB#0	8.911	9.700	PASS
Band26	10MHz	16QAM	26840	50RB#0	8.931	9.740	PASS
Band26	10MHz	16QAM	26915	50RB#0	8.911	9.720	PASS
Band26	10MHz	16QAM	26990	50RB#0	8.911	9.720	PASS
Band26	15MHz	QPSK	26865	75RB#0	13.427	14.730	PASS
Band26	15MHz	QPSK	26915	75RB#0	13.397	14.790	PASS
Band26	15MHz	QPSK	26965	75RB#0	13.427	14.700	PASS
Band26	15MHz	16QAM	26865	75RB#0	13.427	14.670	PASS
Band26	15MHz	16QAM	26915	75RB#0	13.397	14.760	PASS
Band26	15MHz	16QAM	26965	75RB#0	13.427	14.790	PASS

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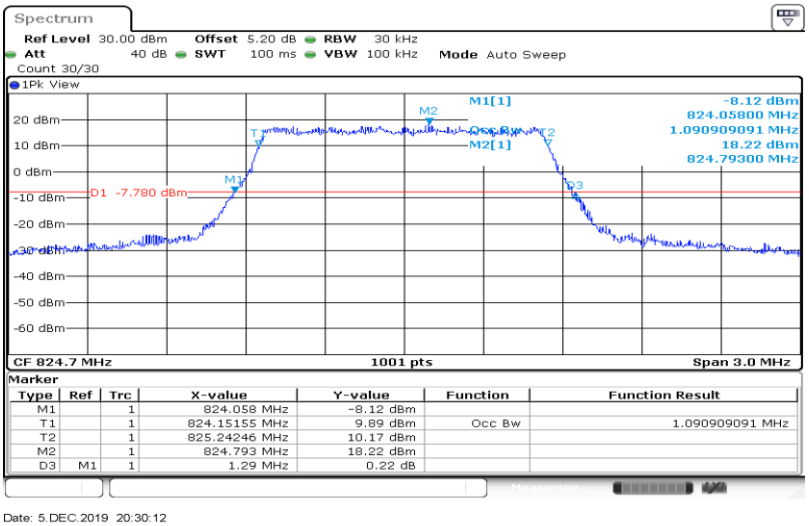
4.2. Test Plots

Band26-1.4MHz-QPSK-26797-6RB#0-1.091



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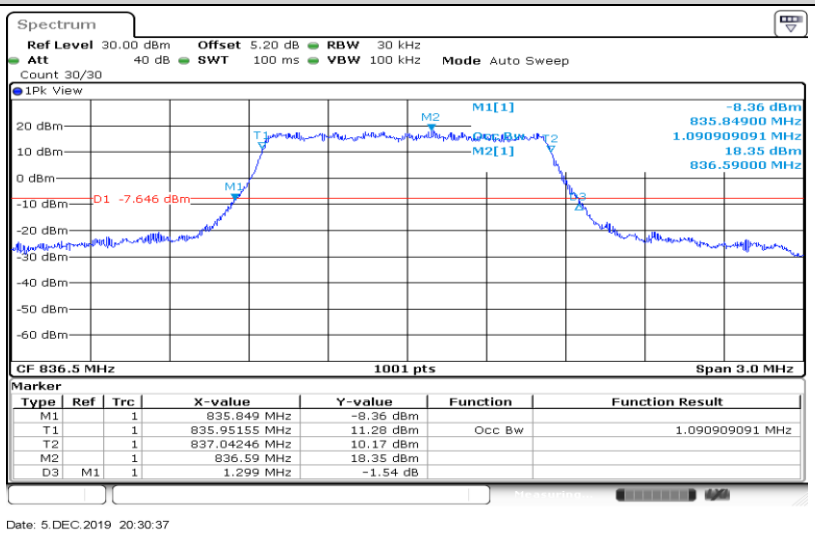
Band26-1.4MHz-QPSK-26915-6RB#0-1.091



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Band26-1.4MHz-QPSK-27033-6RB#0-1.091

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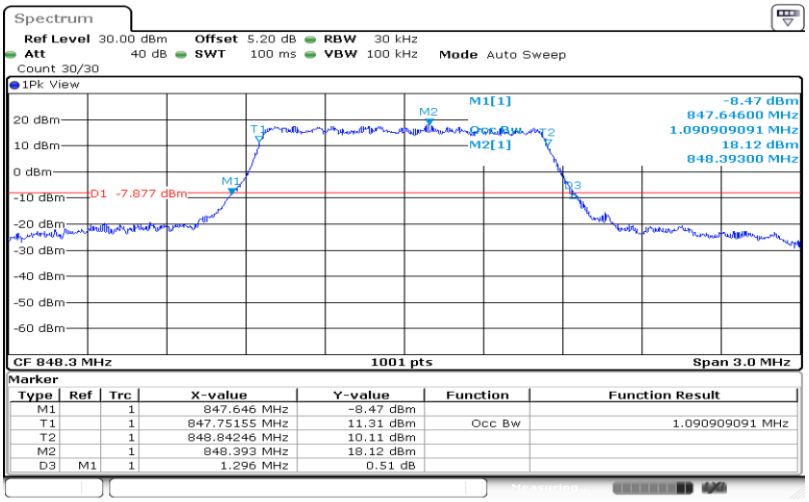
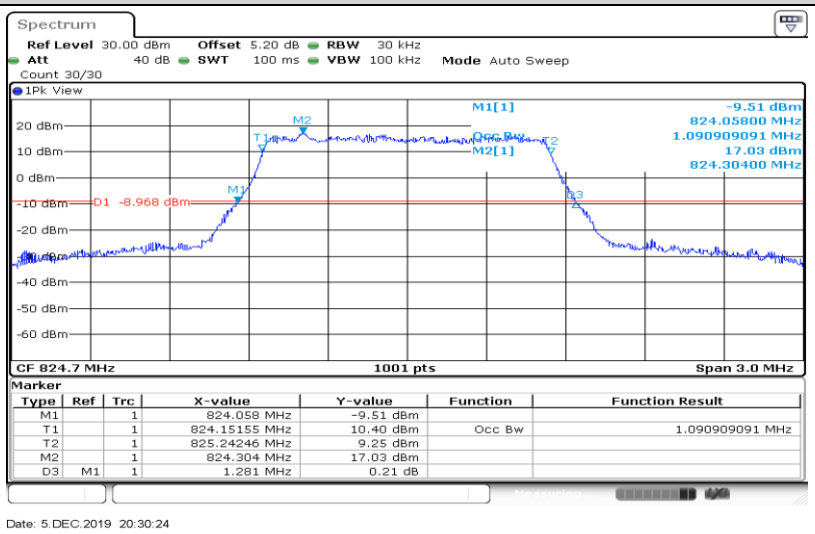


Band26-1.4MHz-16QAM-26797-6RB#0-1.091



Band26-1.4MHz-16QAM-26915-6RB#0-1.091

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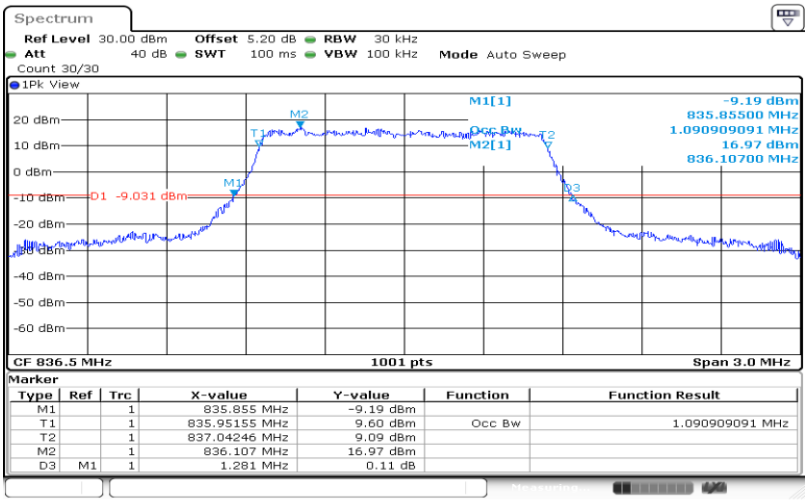

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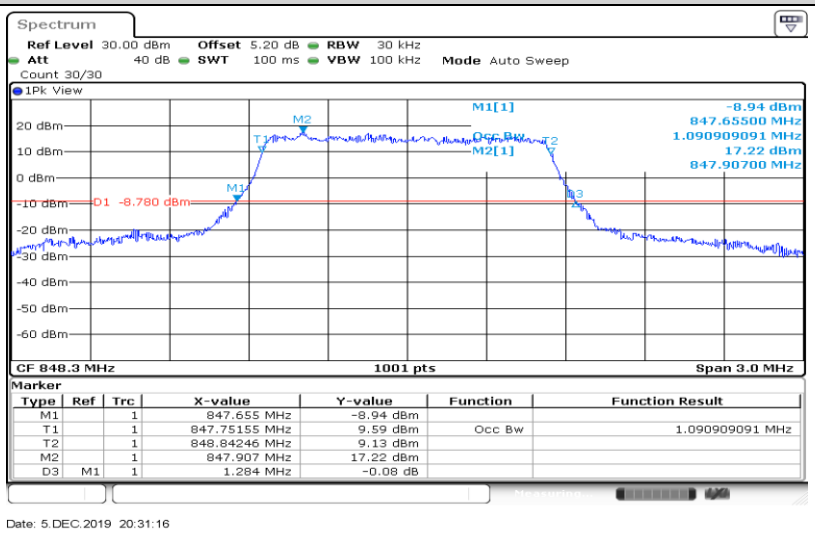

Band26-3MHz-QPSK-26805-15RB#0-2.691

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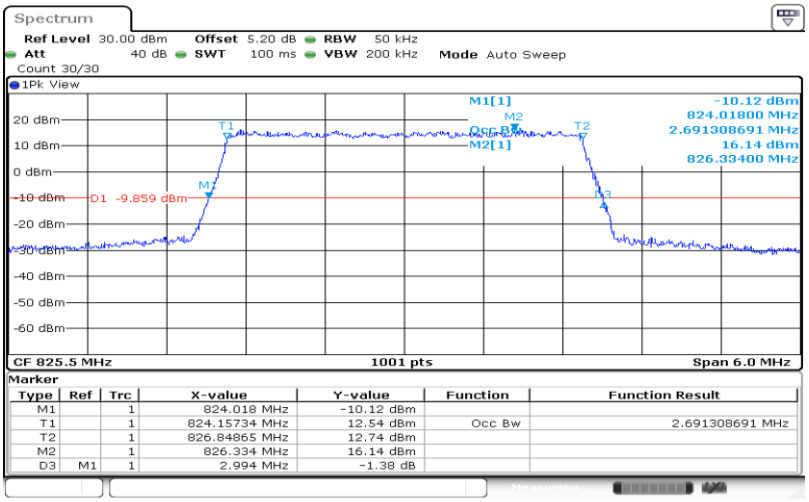

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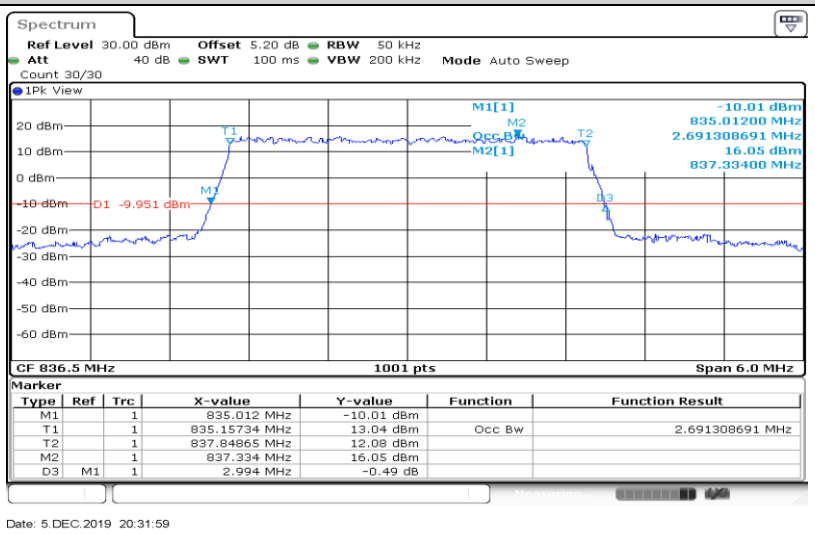

Band26-3MHz-QPSK-27025-15RB#0-2.697

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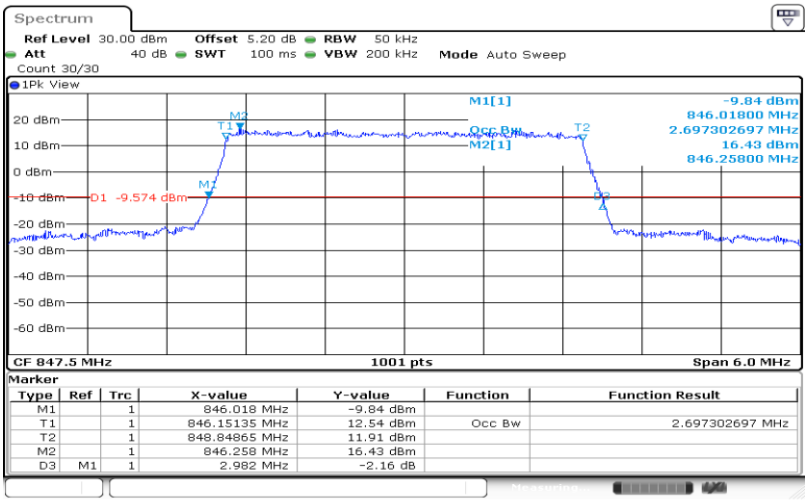
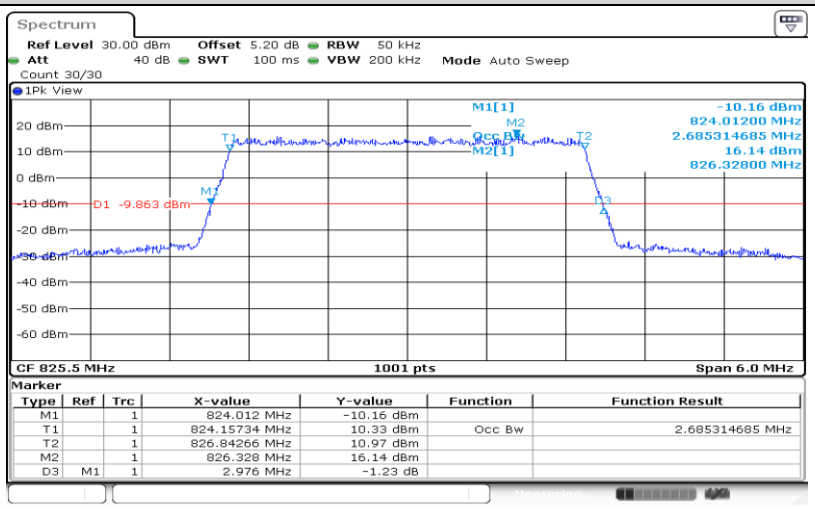


Band26-3MHz-16QAM-26805-15RB#0-2.685



Band26-3MHz-16QAM-26915-15RB#0-2.685

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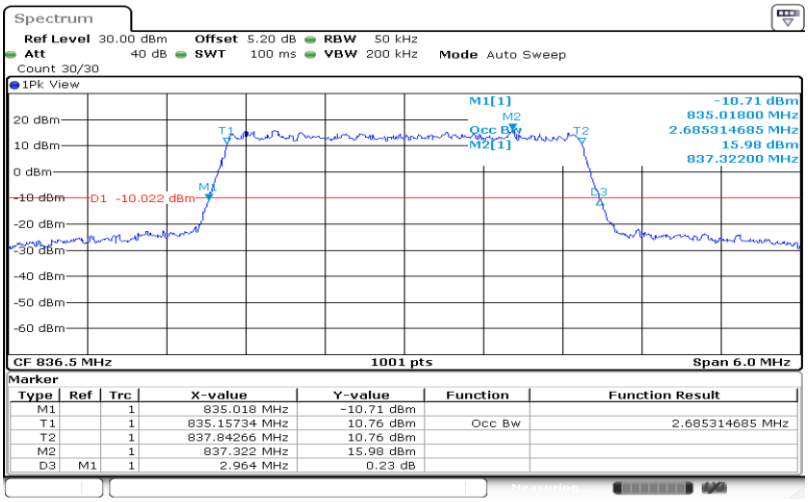

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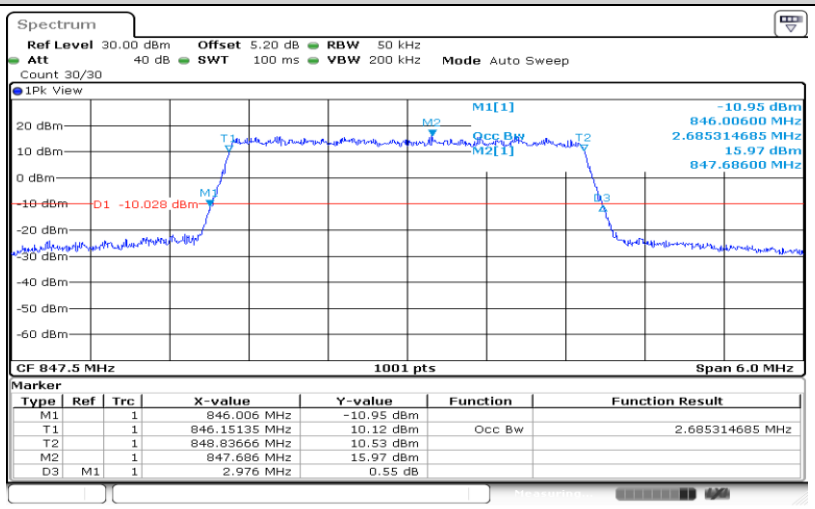

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Band26-5MHz-QPSK-26815-25RB#0-4.476

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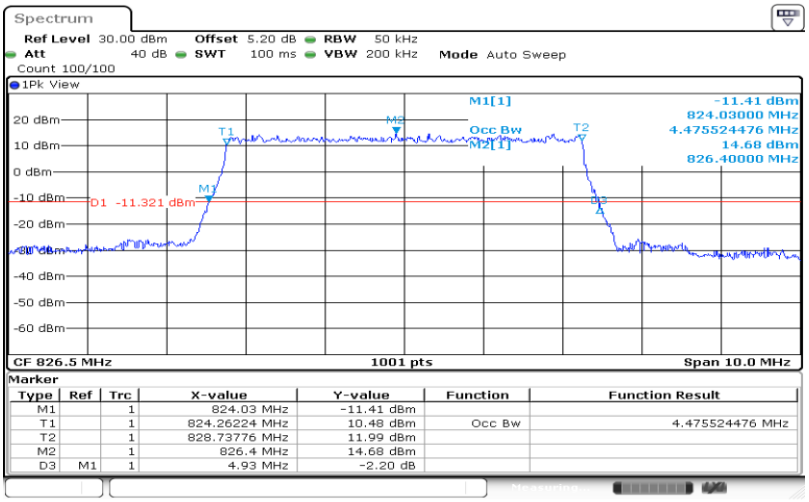

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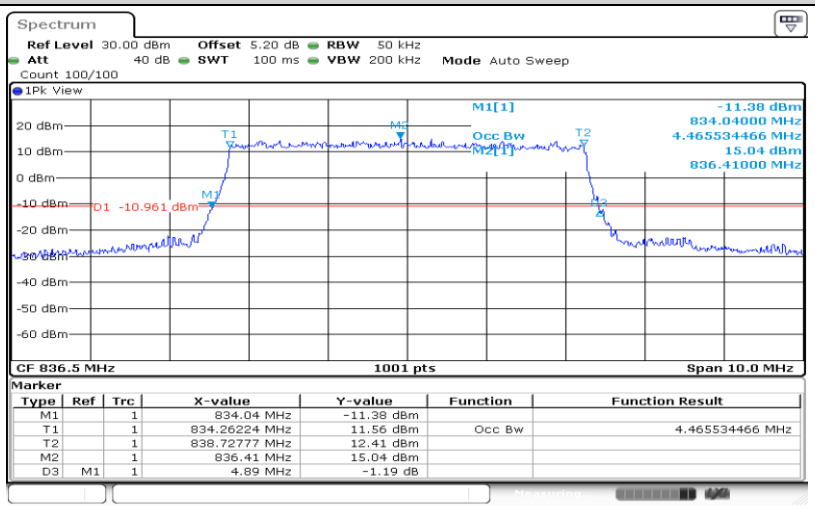

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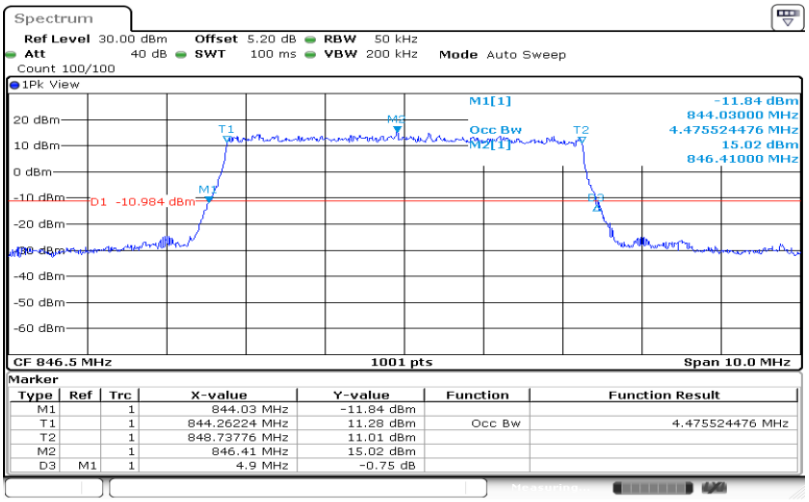

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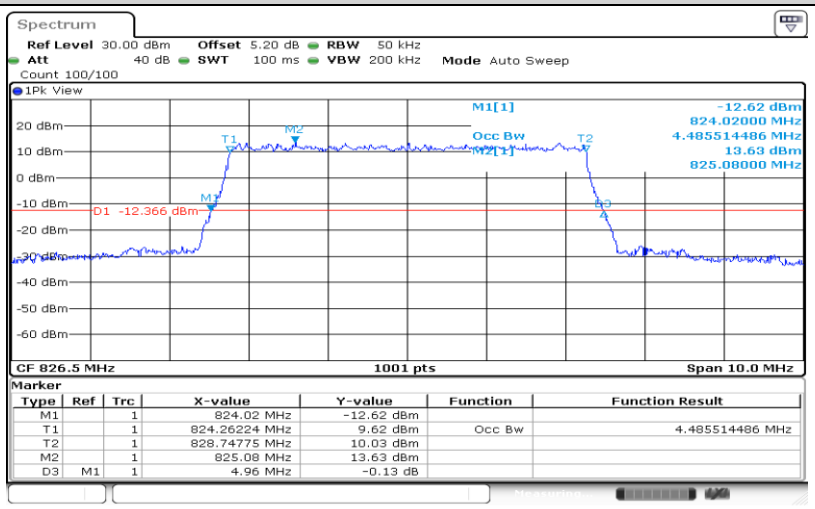

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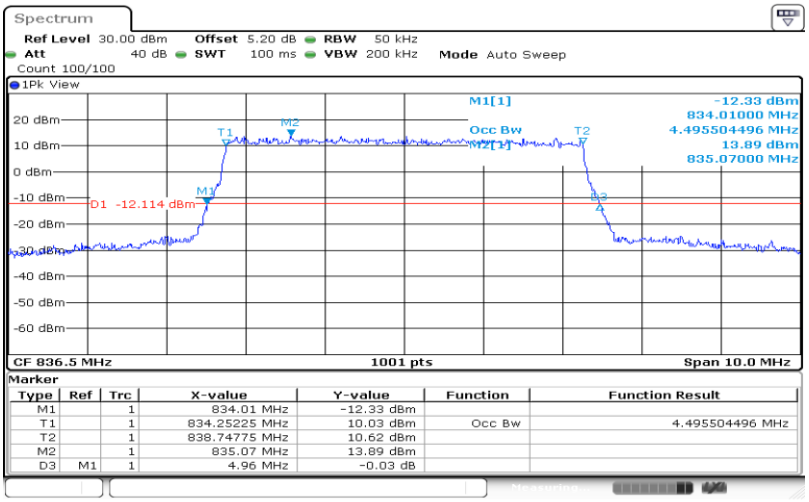

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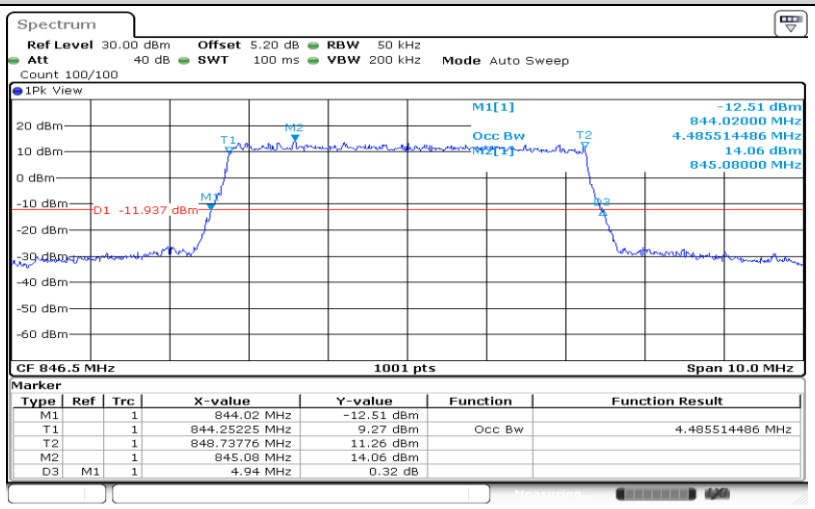

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Band26-10MHz-QPSK-26840-50RB#0-8.931

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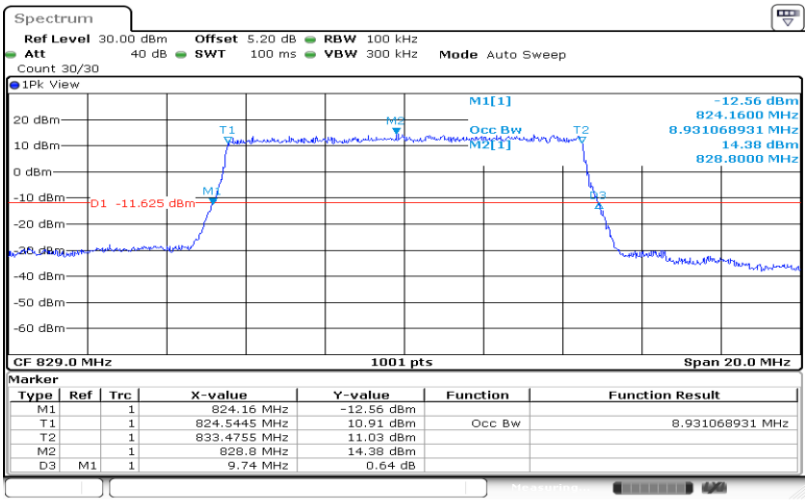

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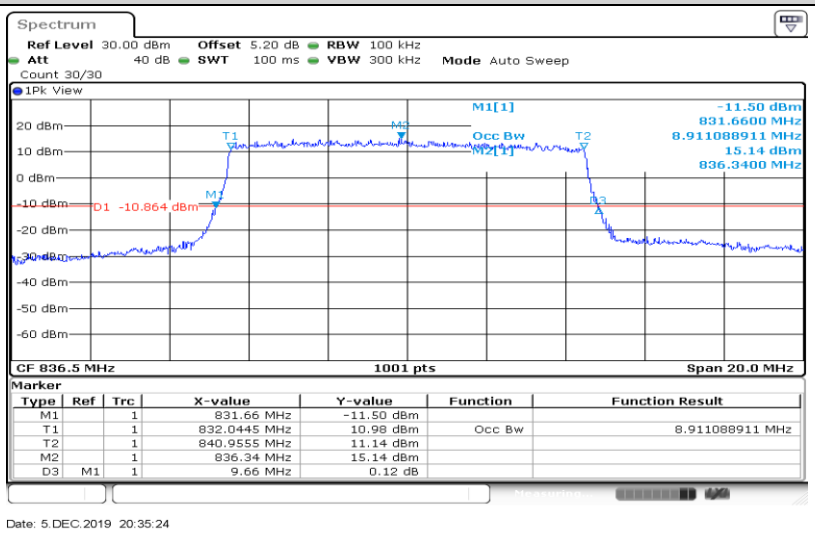

Band26-10MHz-QPSK-26990-50RB#0-8.911

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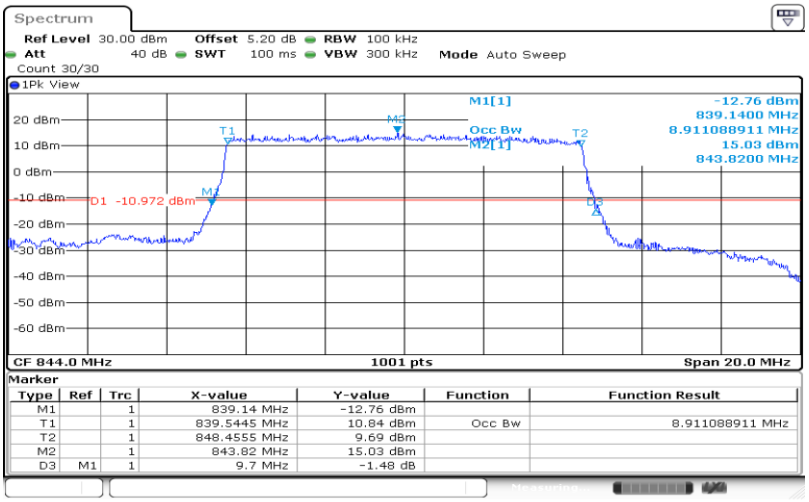

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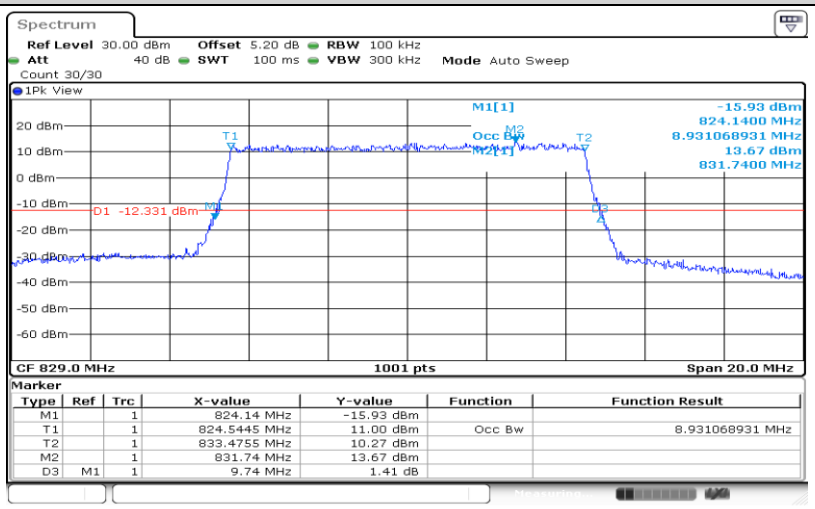

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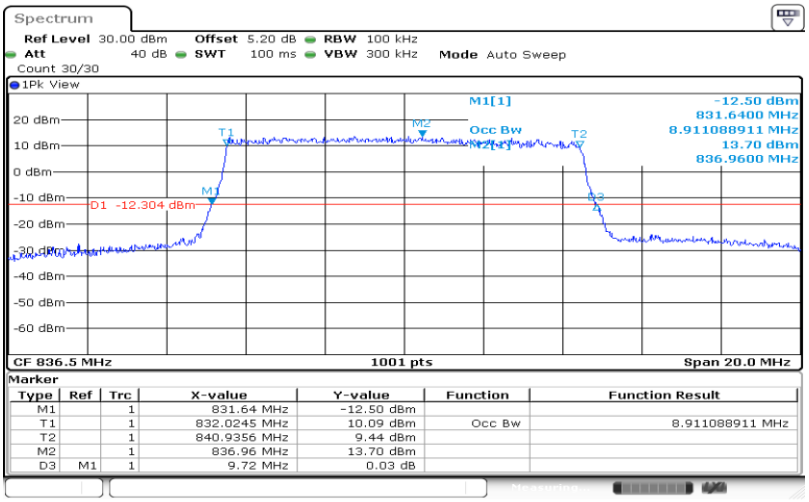

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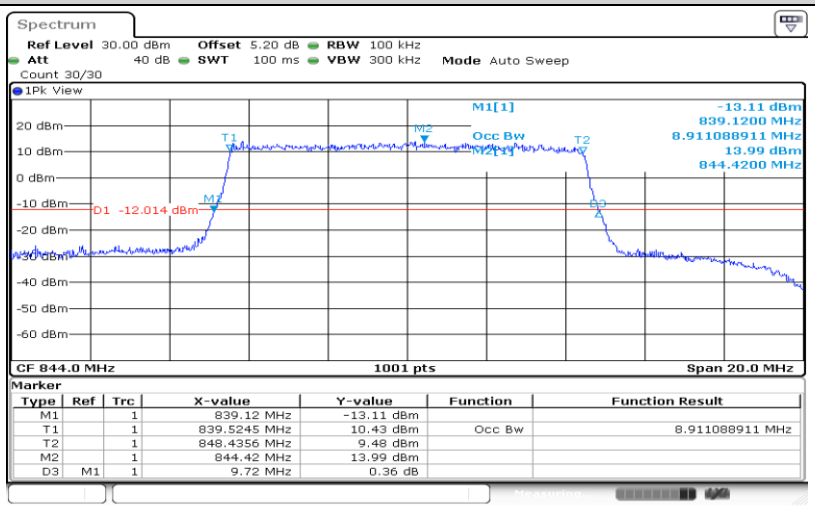

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Band26-15MHz-QPSK-26865-75RB#0-13.427

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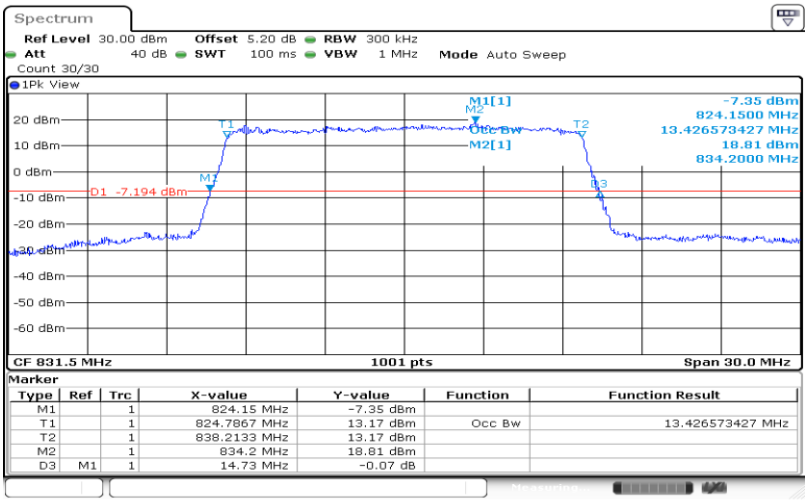

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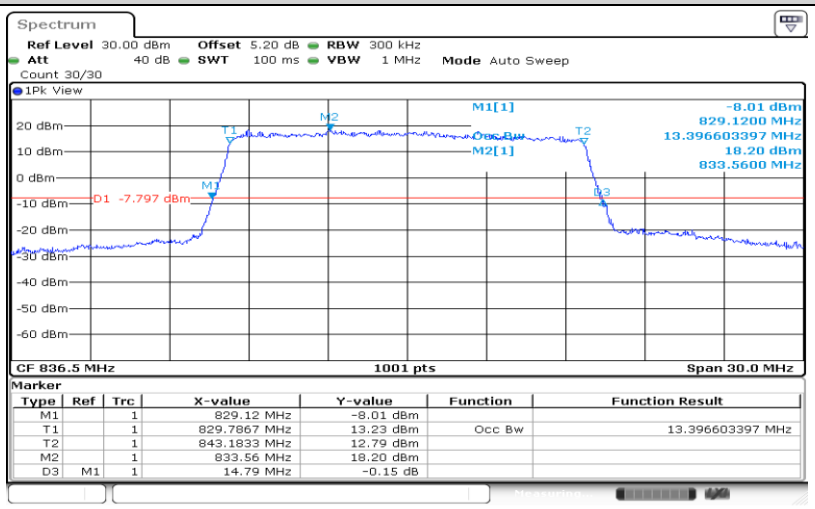

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Band26-15MHz-QPSK-26965-75RB#0-13.427

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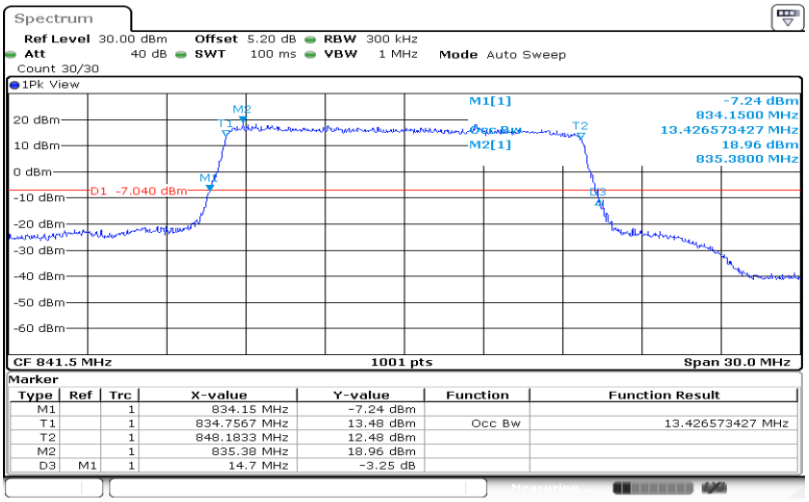

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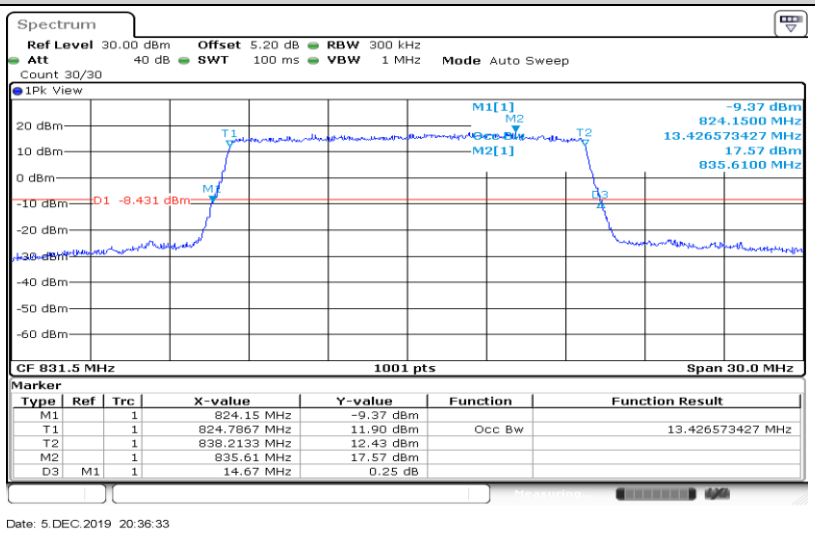

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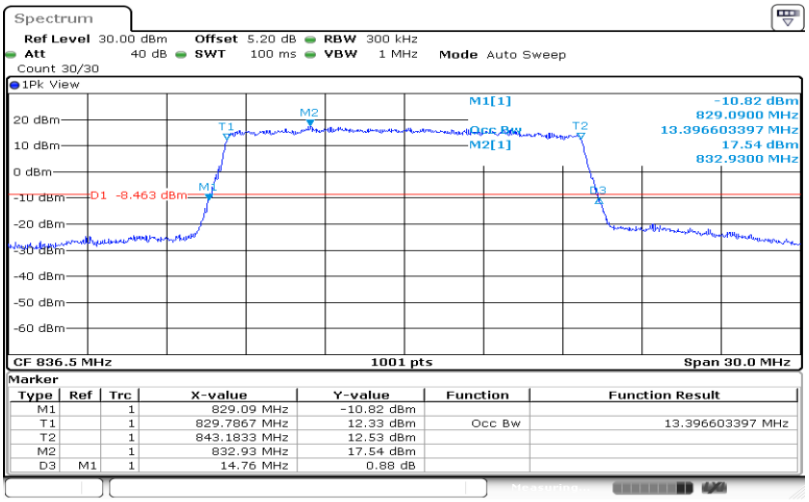

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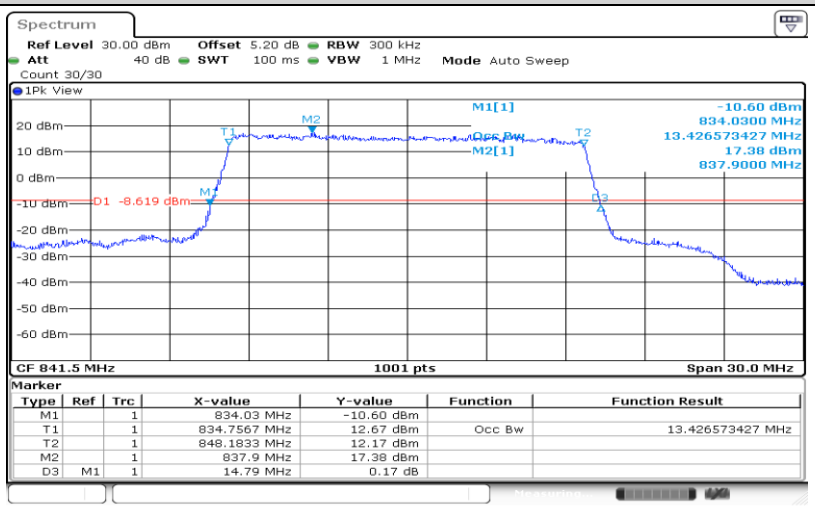

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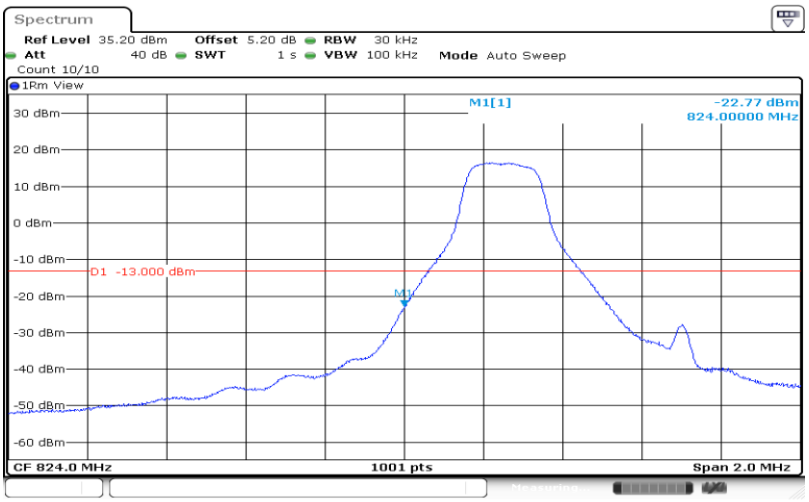
5. Band Edge Compliance

5.1. Test Plots

Band 26_1.4MHz_QPSK_26797_1RB#0



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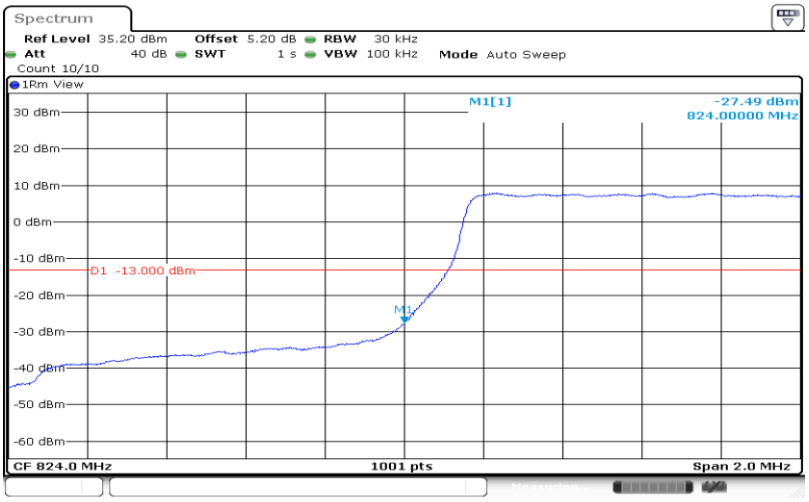

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Band 26_1.4MHz_QPSK_27033_1RB#5

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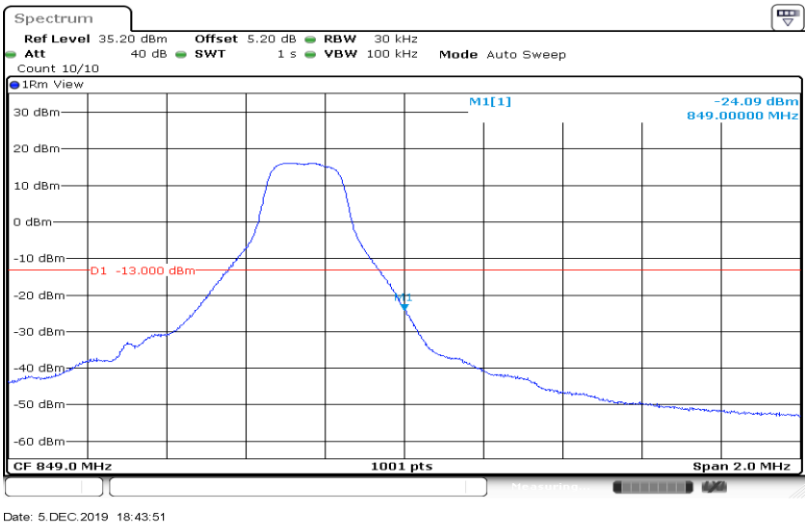

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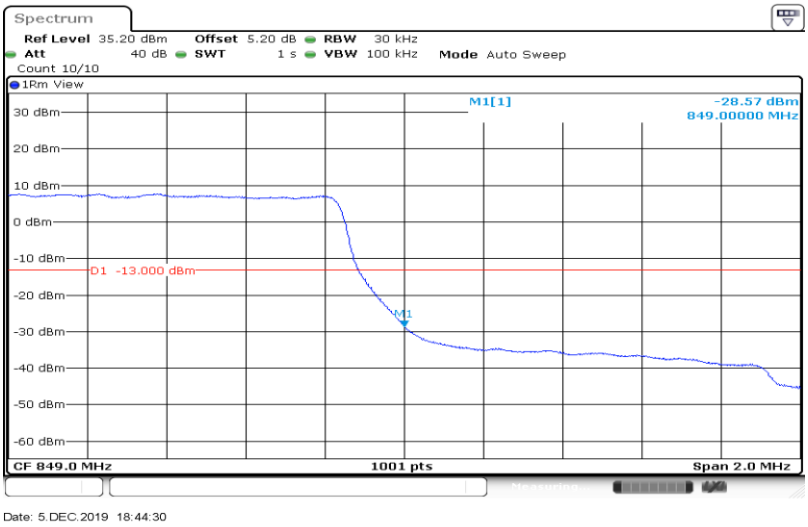

Band 26_1.4MHz_16QAM_26797_1RB#0

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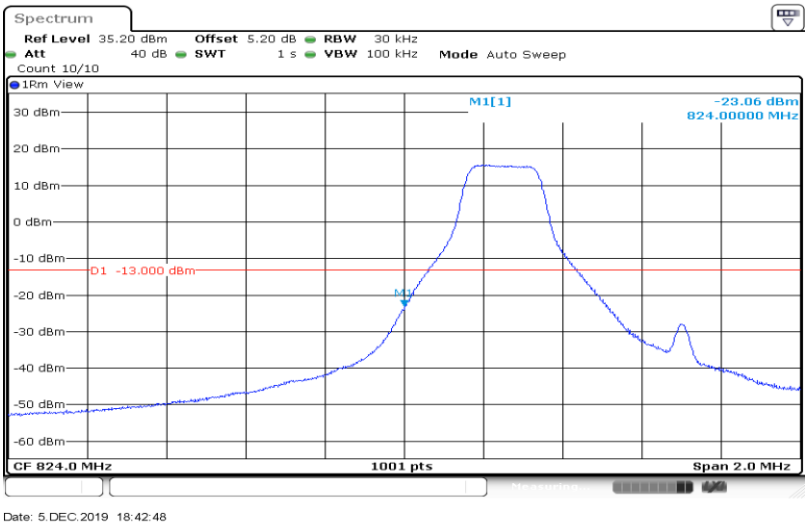

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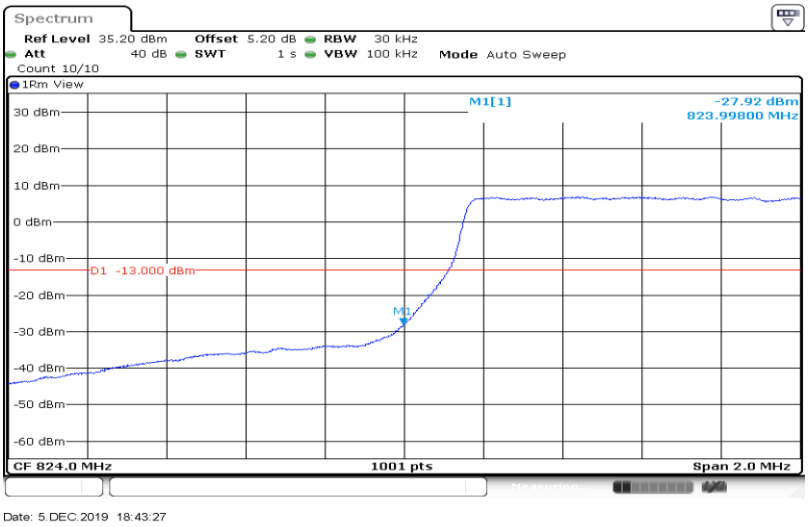

Band 26_1.4MHz_16QAM_27033_1RB#5

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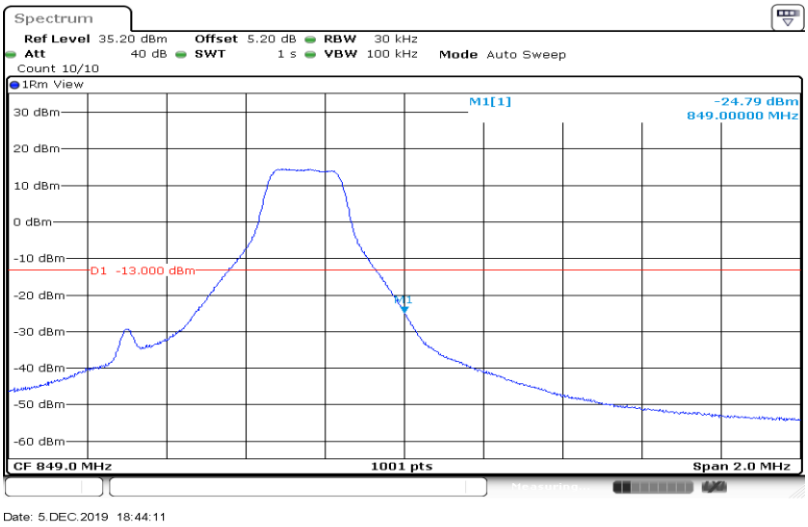

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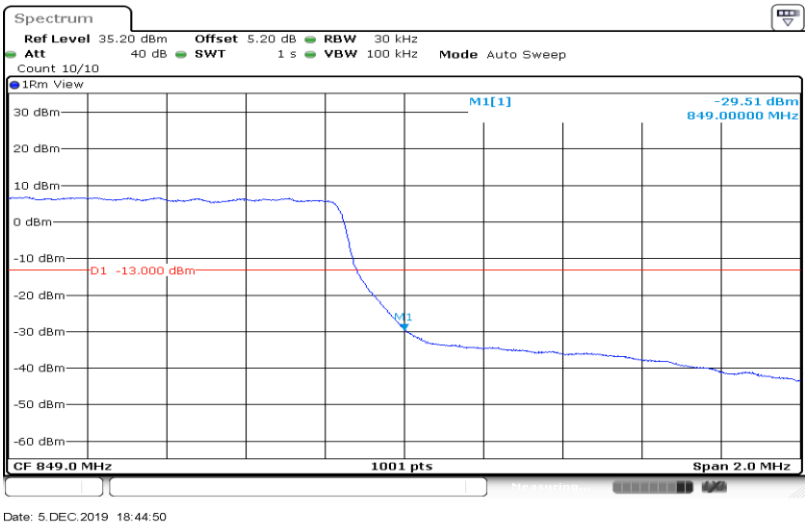

Band 26_3MHz_QPSK_26805_1RB#0

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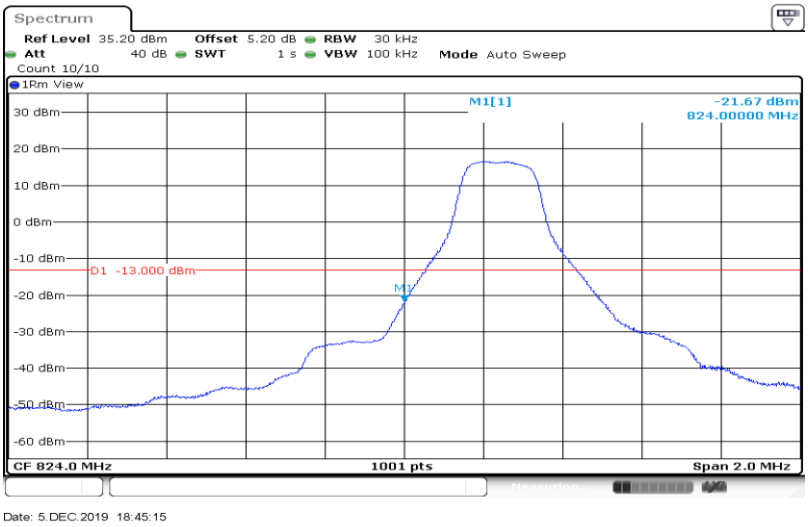

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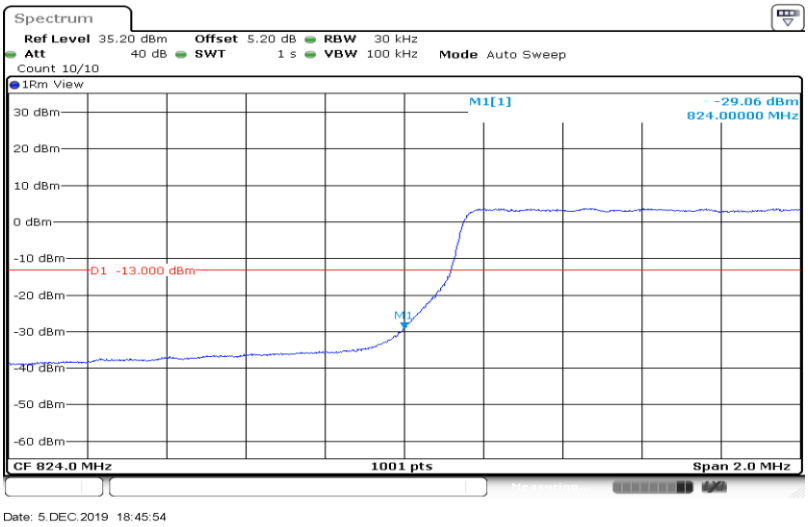

Band 26_3MHz_QPSK_27025_1RB#14

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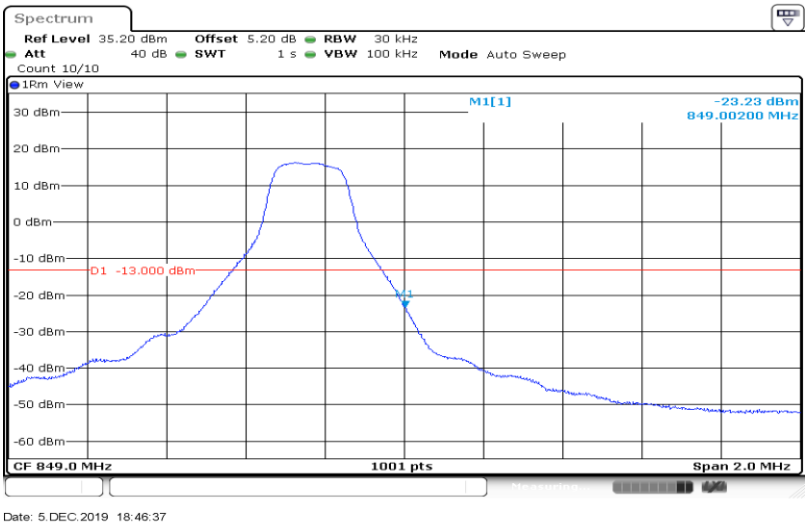
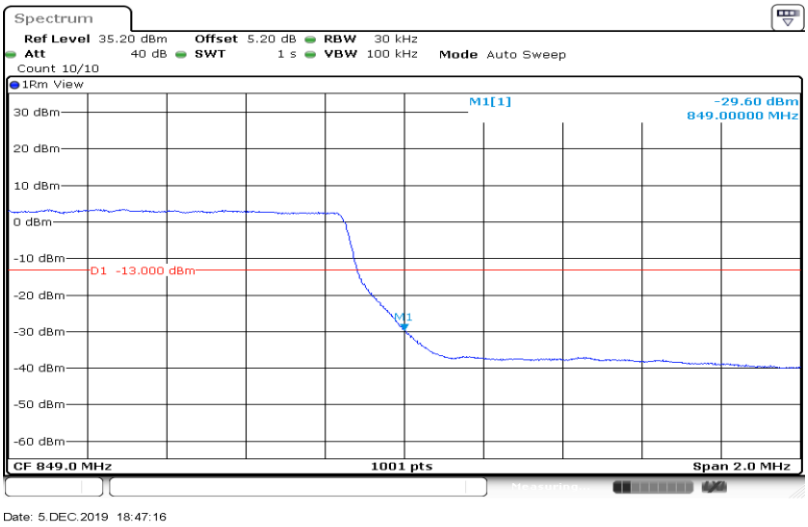


Band 26_3MHz_QPSK_27025_15RB#0



Band 26_3MHz_16QAM_26805_1RB#0

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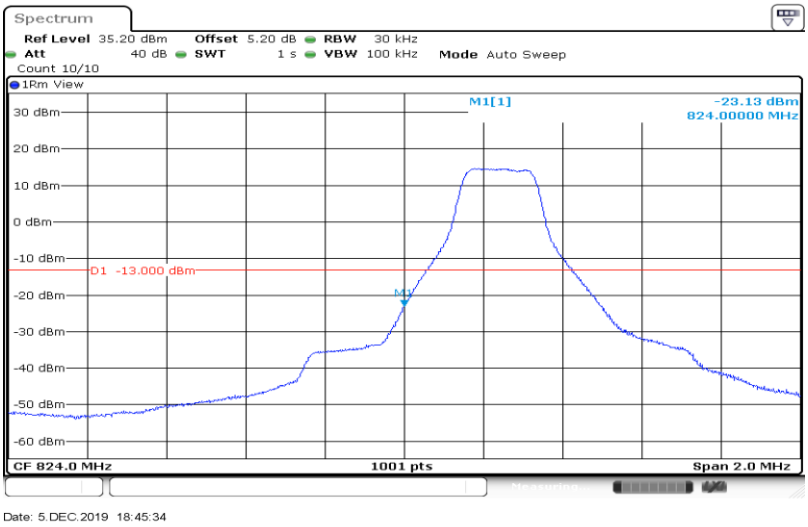

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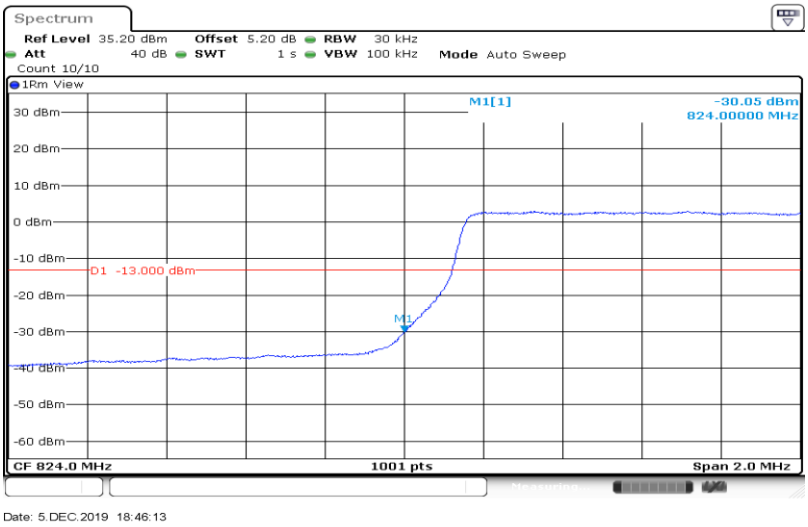

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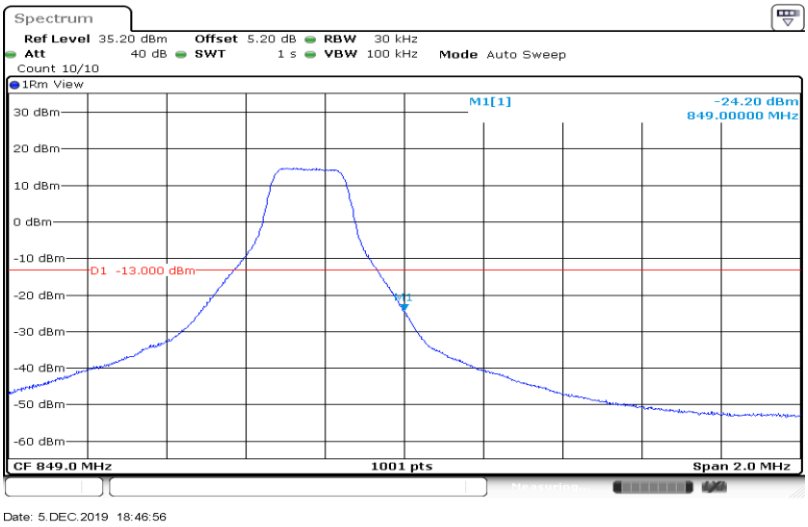

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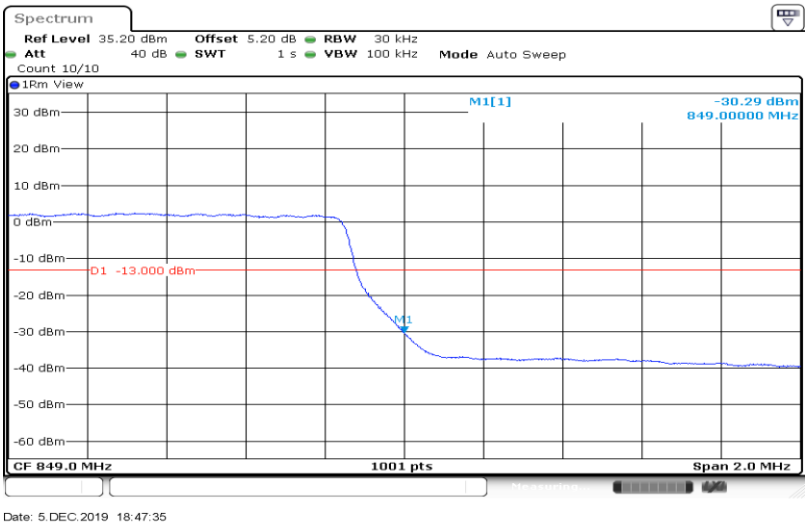

Band 26_5MHz_QPSK_26815_1RB#0

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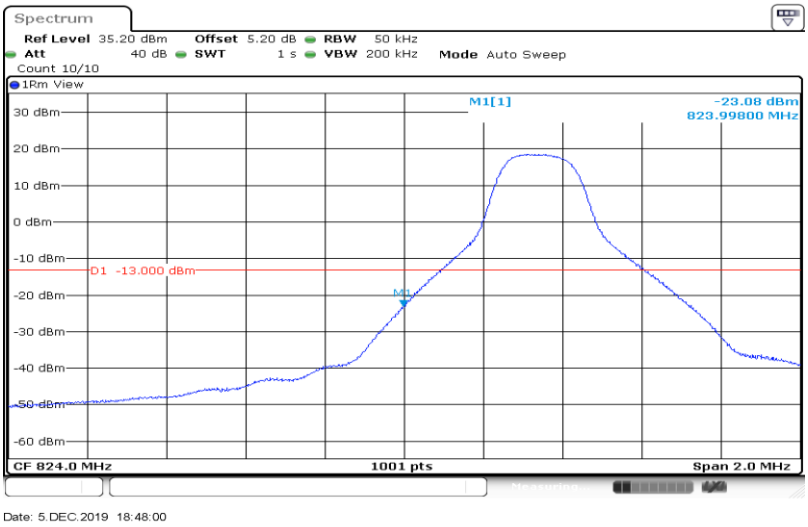
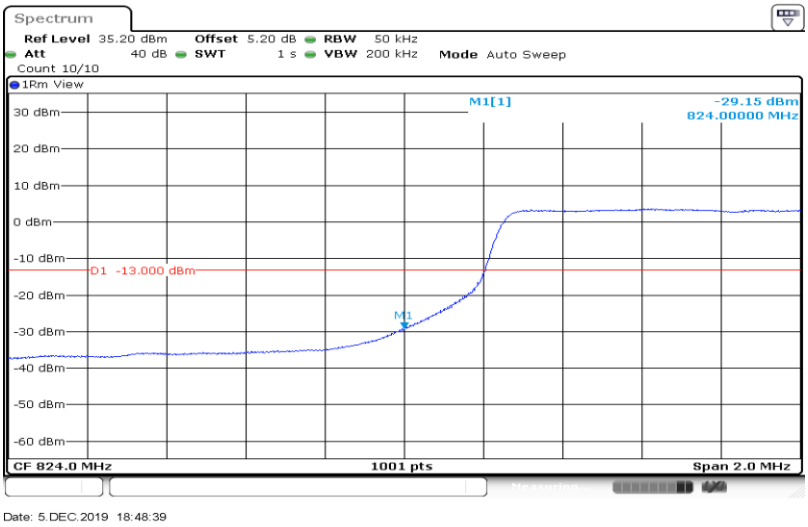


Band 26_5MHz_QPSK_26815_25RB#0



Band 26_5MHz_QPSK_27015_1RB#24

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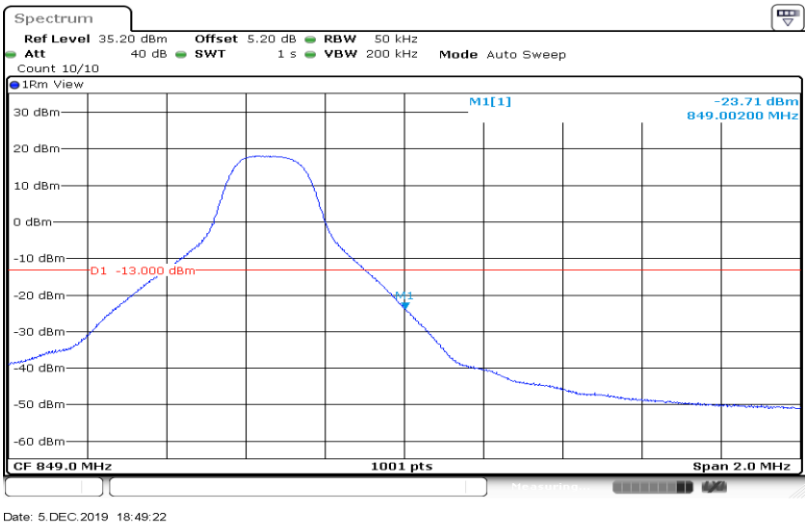

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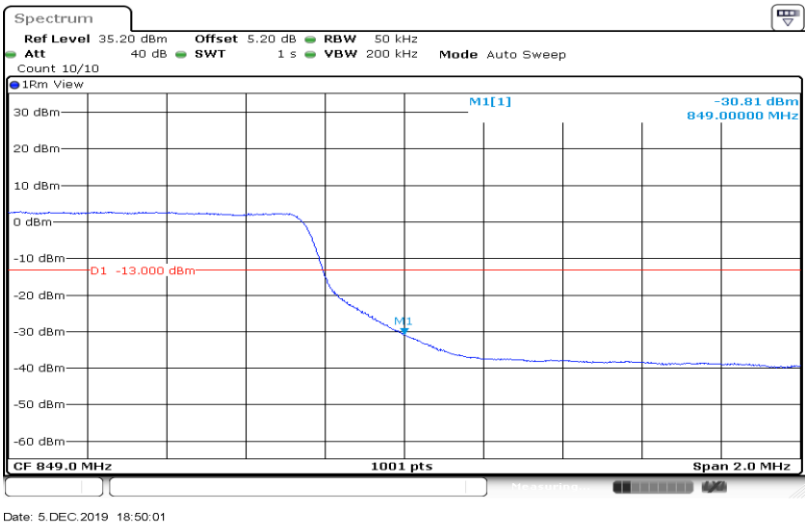

Band 26_5MHz_16QAM_26815_1RB#0

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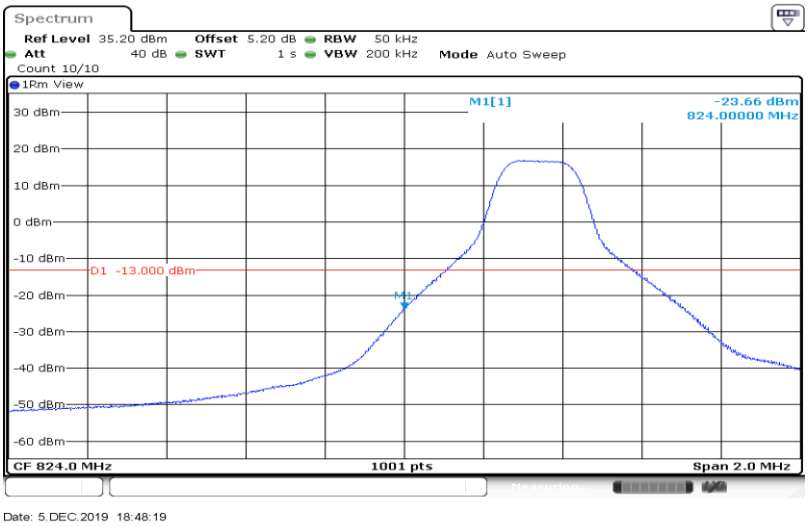

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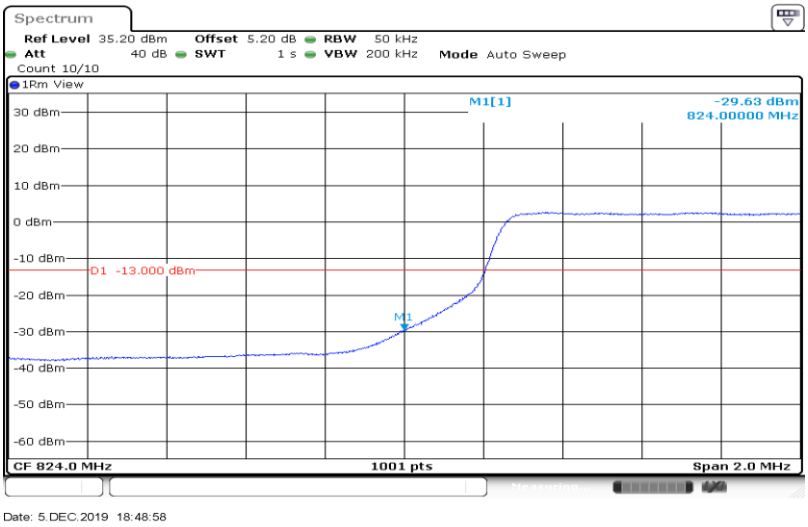

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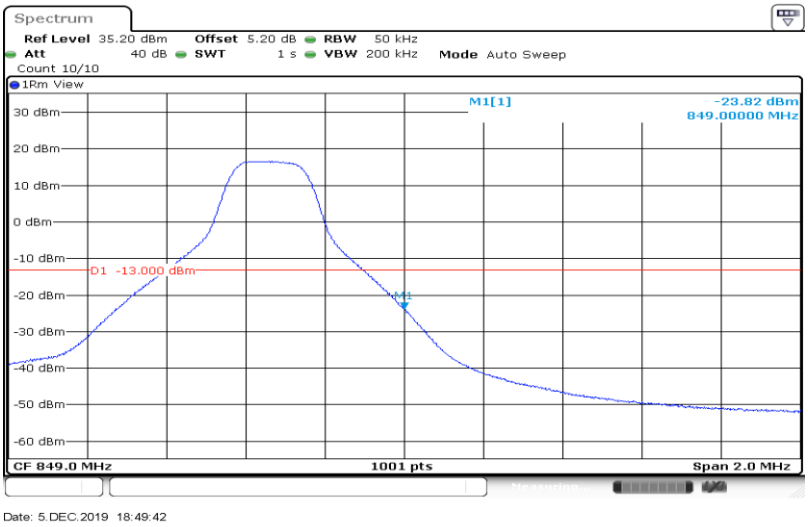

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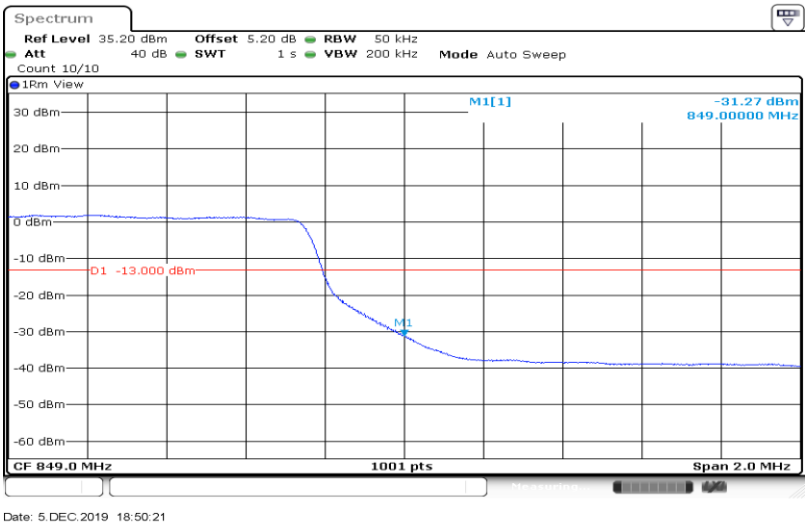

Band 26_10MHz_QPSK_26840_1RB#0

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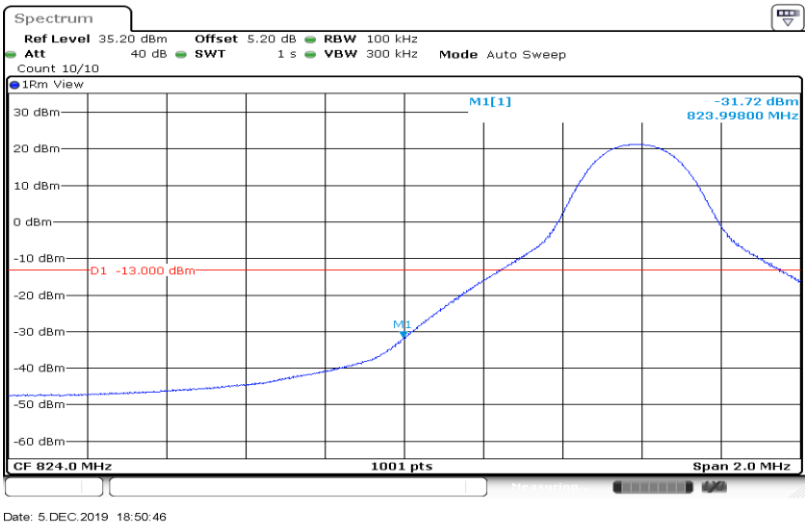

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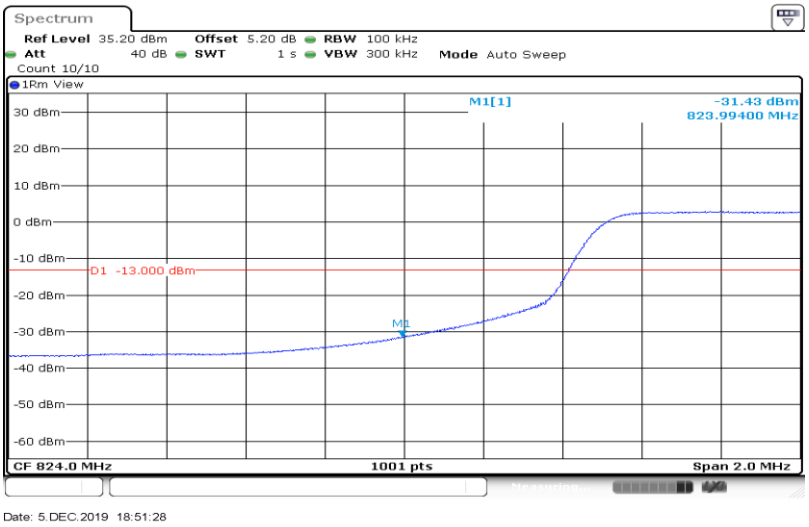

Band 26_10MHz_QPSK_26990_1RB#49

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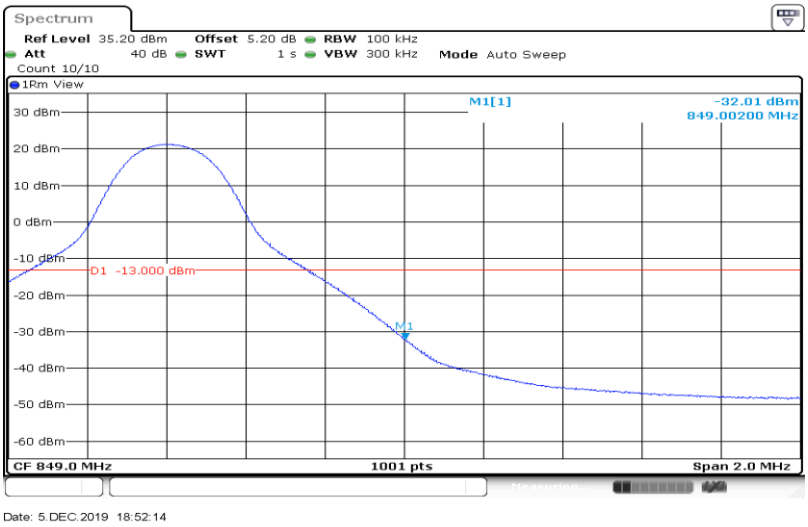

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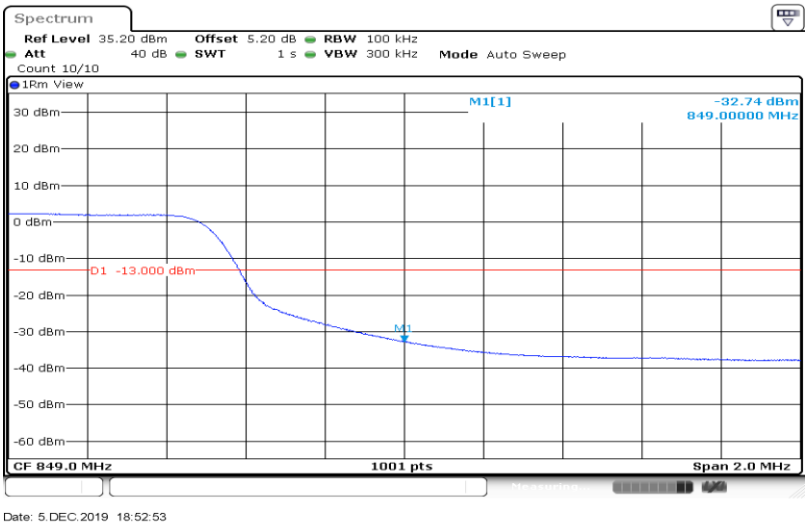

Band 26_10MHz_16QAM_26840_1RB#0

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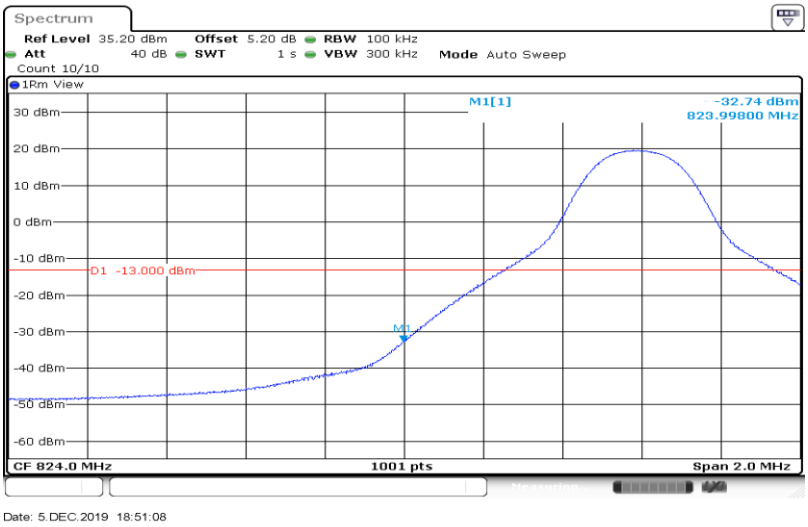

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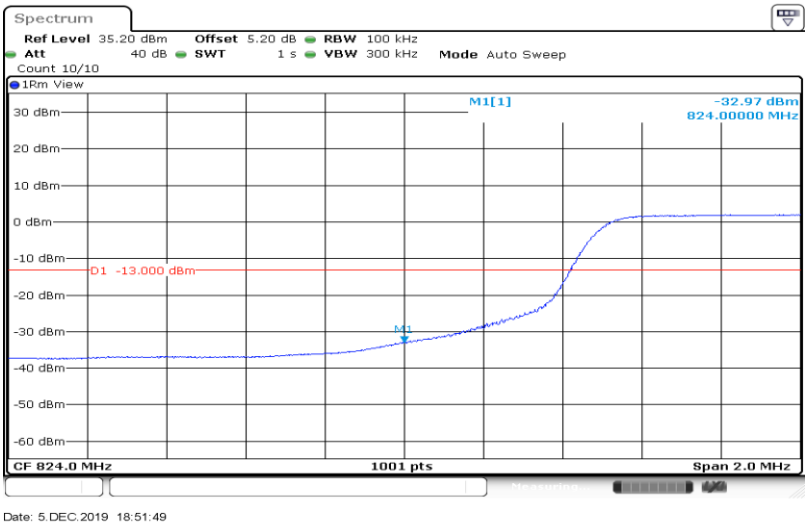

Band 26_10MHz_16QAM_26990_1RB#49

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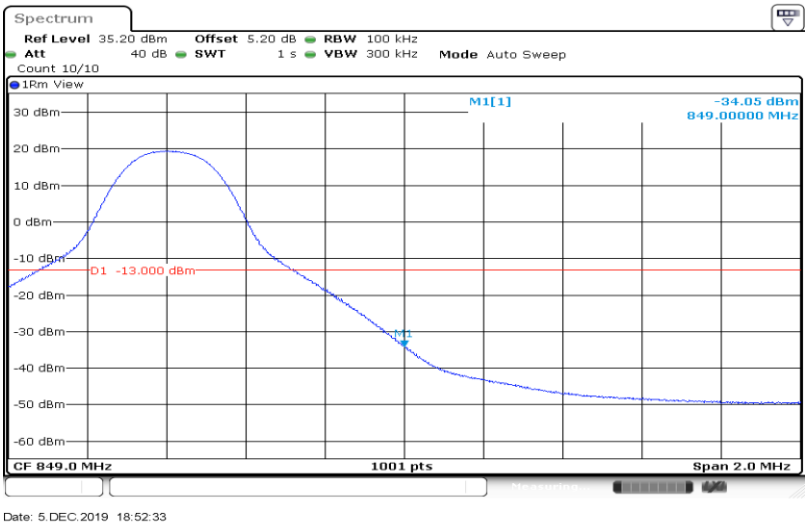
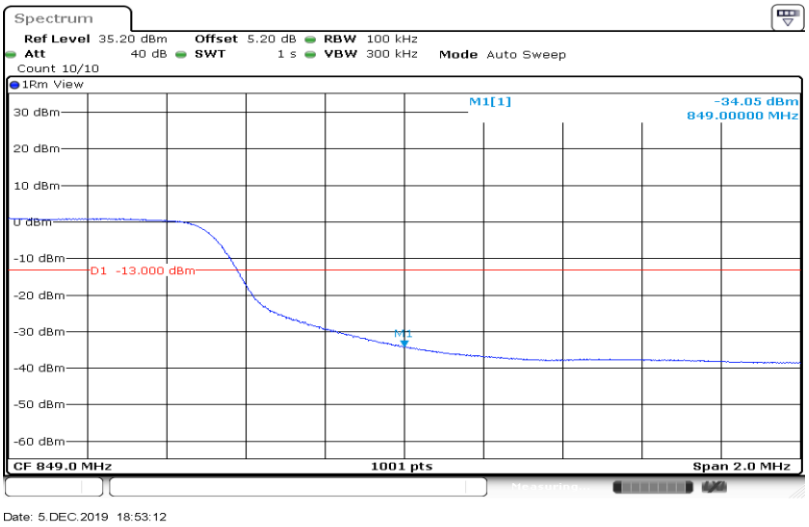


Band 26_10MHz_16QAM_26990_50RB#0



Band 26_15MHz_QPSK_26865_1RB#0

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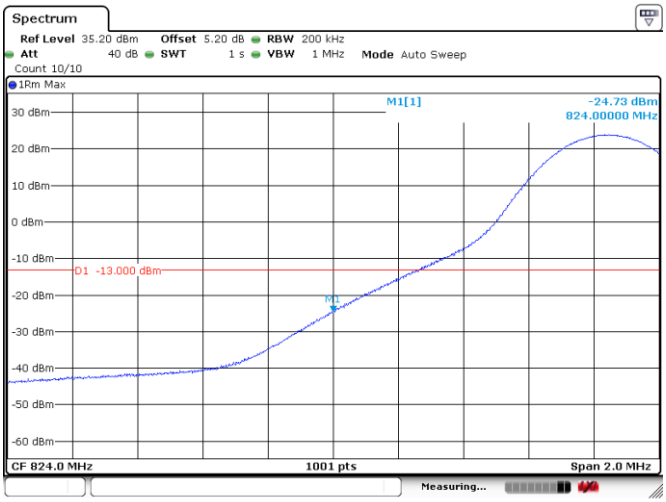
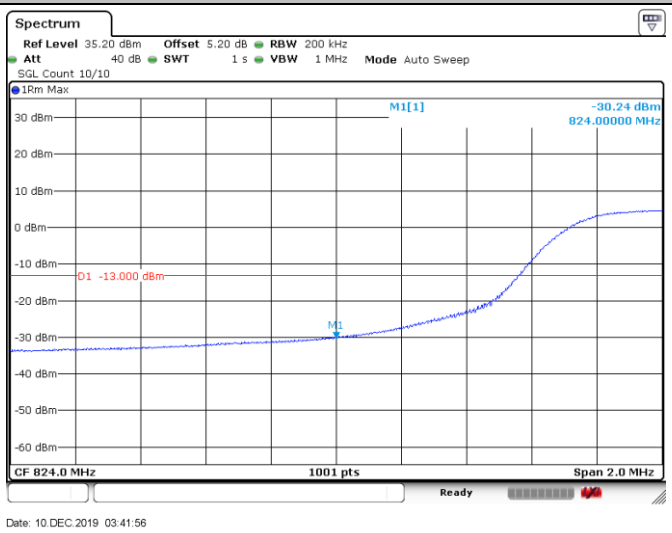


Band 26_15MHz_QPSK_26865_75RB#0



Band 26_15MHz_QPSK_26965_1RB#74

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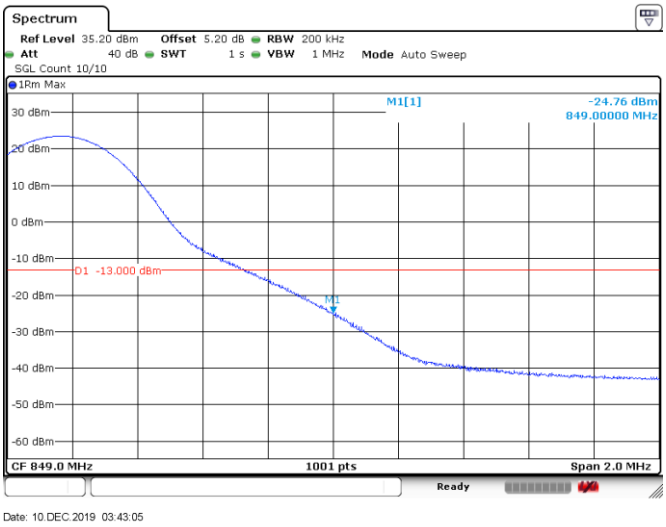
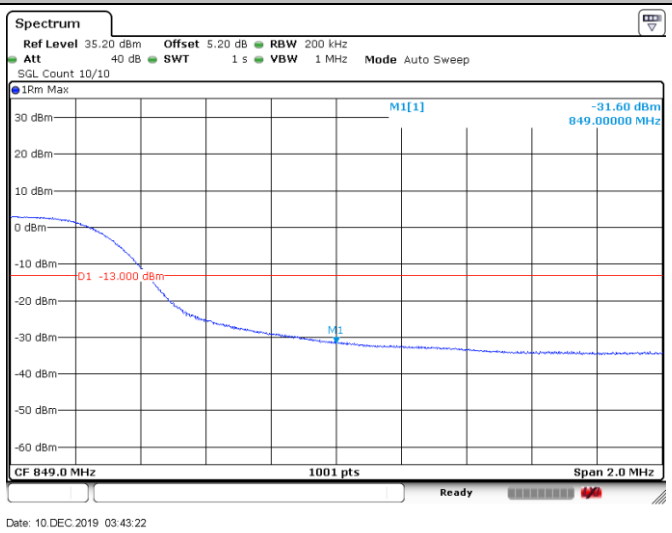


Band 26_15MHz_QPSK_26965_75RB#0



Band 26_15MHz_16QAM_26865_1RB#0

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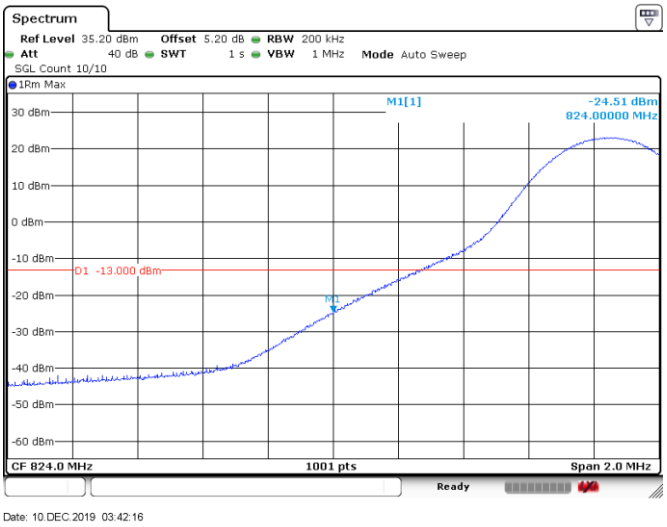
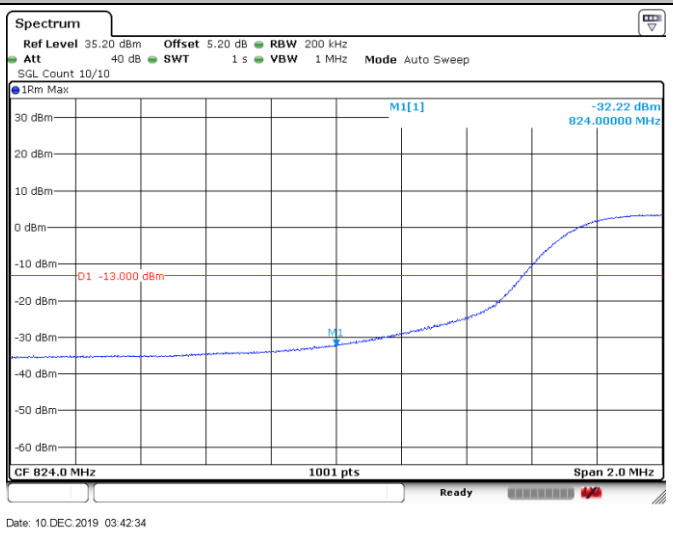


Band 26_15MHz_16QAM_26865_75RB#0



Band 26_15MHz_16QAM_26965_1RB#74

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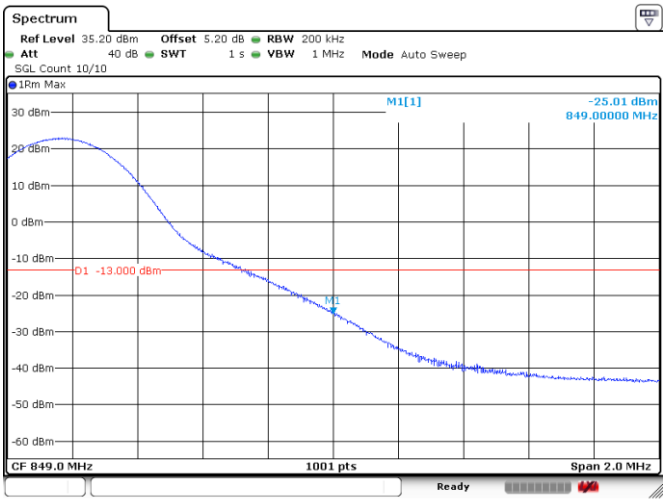

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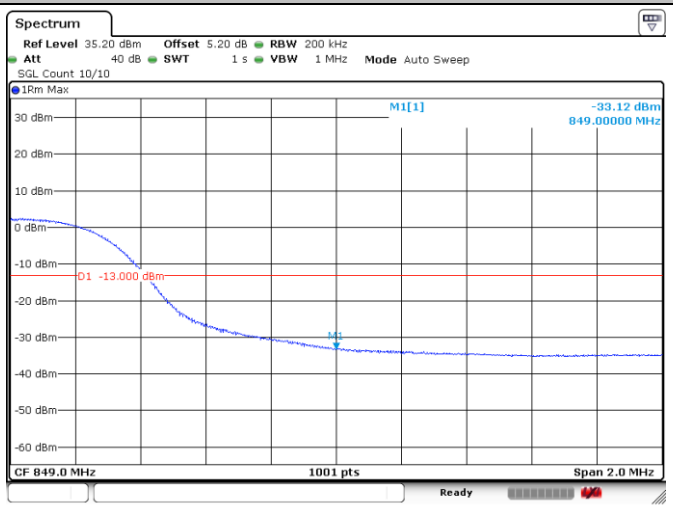
Band 26_15MHz_16QAM_26965_75RB#0



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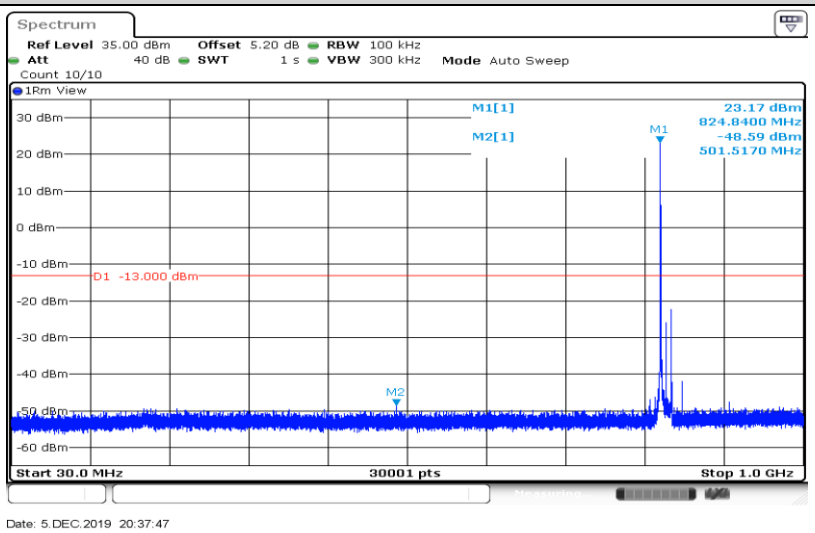
6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

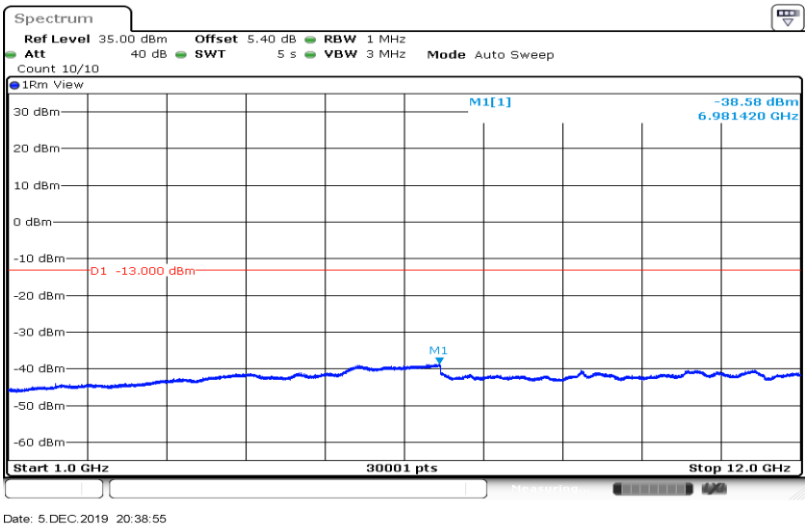
Remark2: only the worst case data displayed in this report.

6.1. Test Plots

Band26-15MHz-QPSK-26865-1RB#0-Range1:30~1000MHz



Band26-15MHz-QPSK-26865-1RB#0-Range2:1000~12000MHz



Band26-15MHz-QPSK-26915-1RB#0-Range1:30~1000MHz

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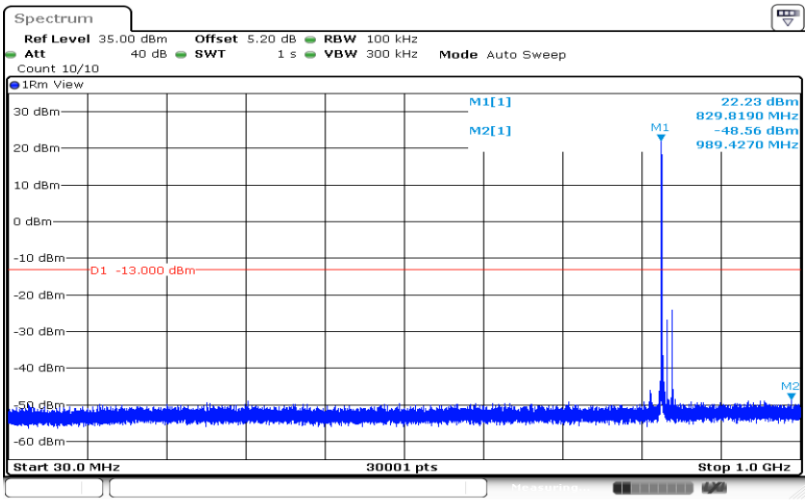

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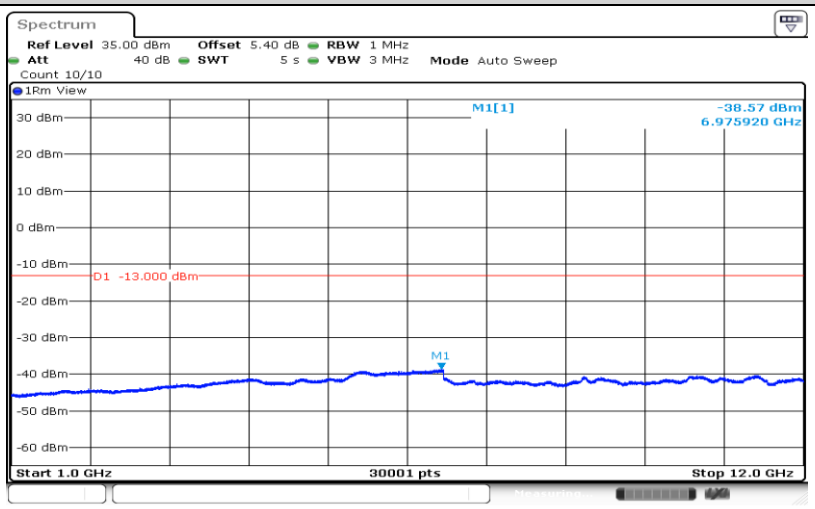

Band26-15MHz-QPSK-26965-1RB#0-Range1:30~1000MHz

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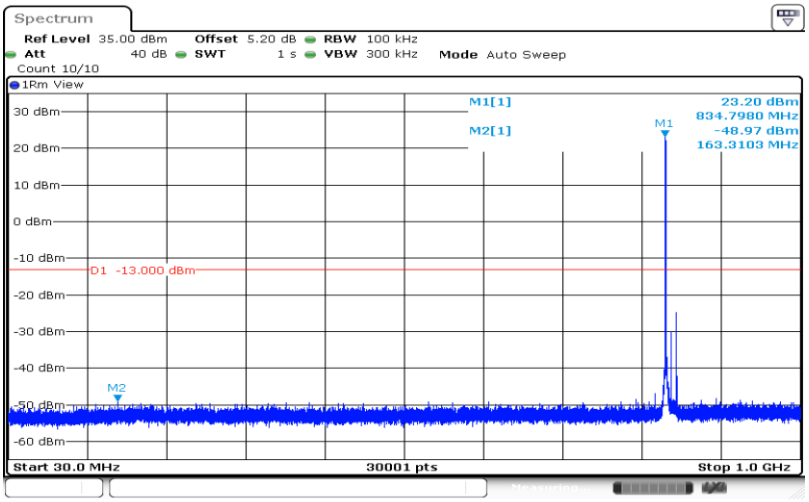

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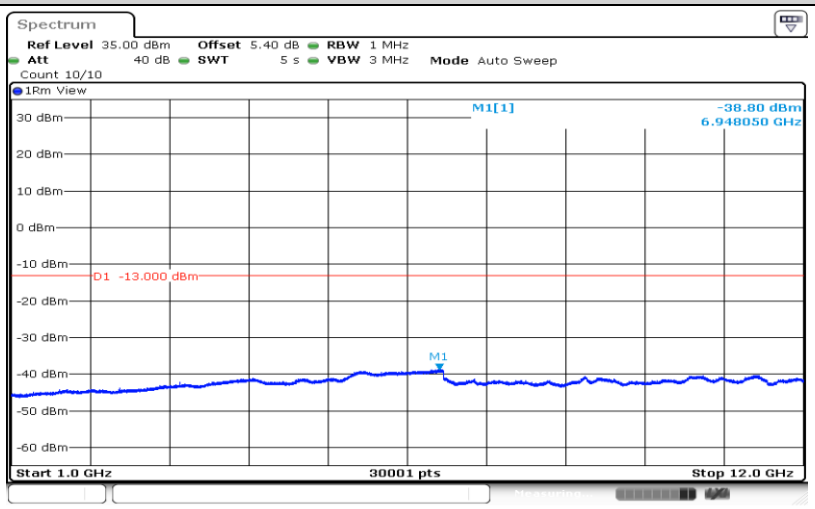

Band26-15MHz-16QAM-26865-1RB#0-Range1:30~1000MHz

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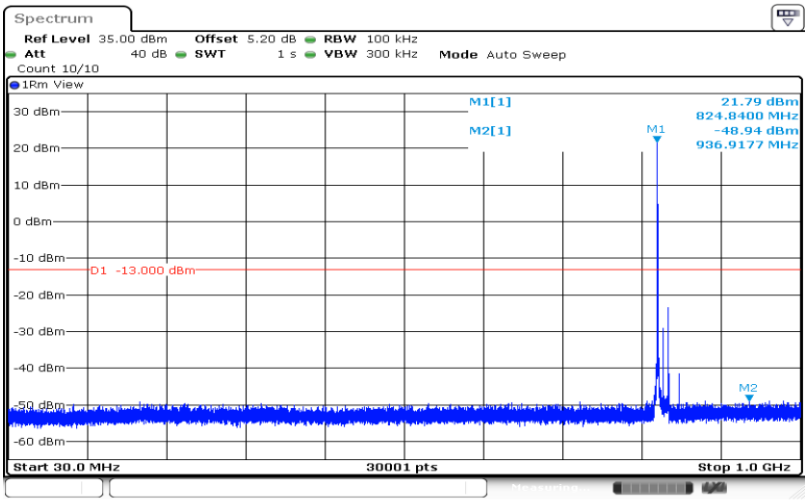
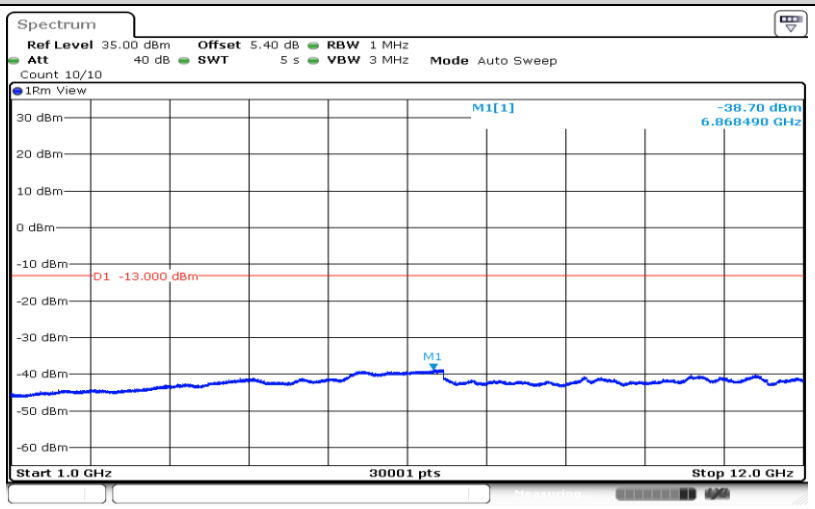


Band26-15MHz-16QAM-26865-1RB#0-Range2:1000~12000MHz



Band26-15MHz-16QAM-26915-1RB#0-Range1:30~1000MHz

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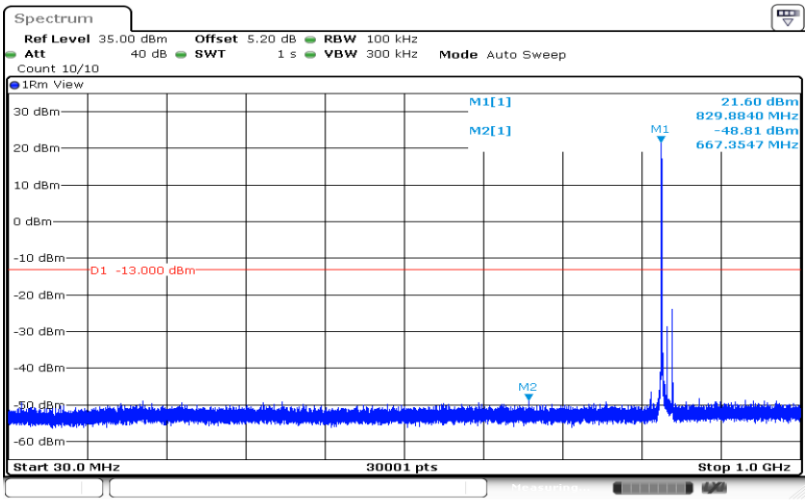
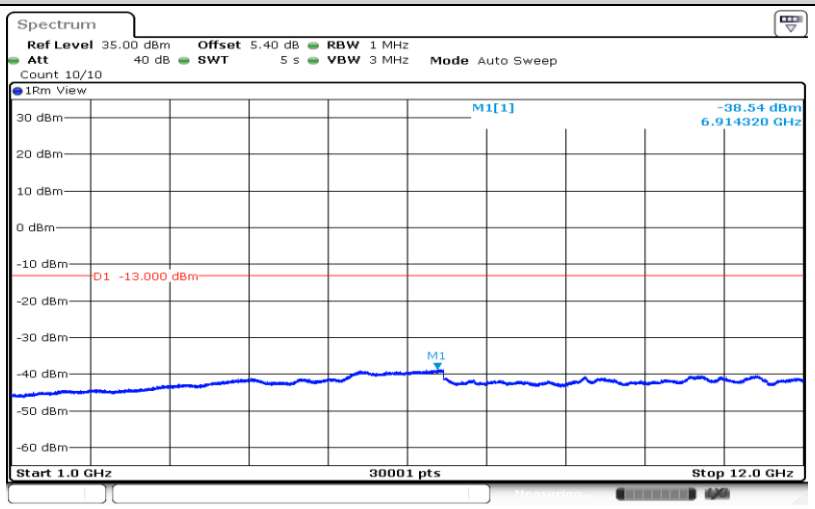


Date: 5.DEC.2019 21:28:59

Band26-15MHz-16QAM-26915-1RB#0-Range2:1000~12000MHz



Date: 5.DEC.2019 21:30:06

Band26-15MHz-16QAM-26965-1RB#0-Range1:30~1000MHz

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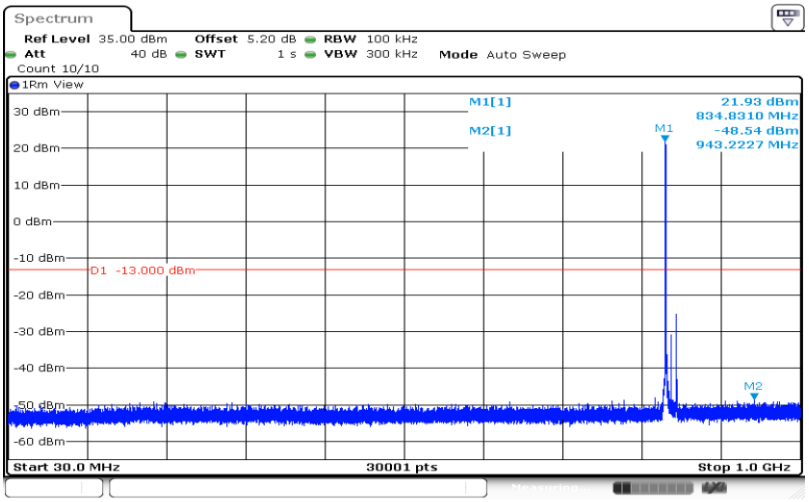
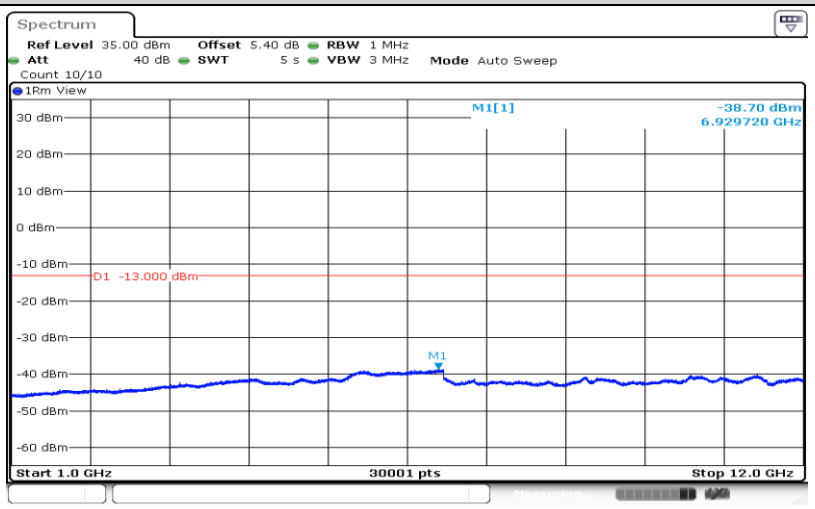


Date: 5.DEC.2019 21:31:52

Band26-15MHz-16QAM-26965-1RB#0-Range2:1000~12000MHz



Date: 5.DEC.2019 21:33:00

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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
109.5440	-63.42	-13.00	50.42	274	145	Vertical
1649.7299	-56.89	-13.00	43.89	254	124	Vertical
2405.0810	-37.36	-13.00	24.36	263	175	Vertical
3299.6100	-51.30	-13.00	38.30	255	110	Vertical
4123.8375	-57.66	-13.00	44.66	284	226	Vertical
8248.5750	-50.47	-13.00	37.47	274	110	Vertical
41.1556	-64.12	-13.00	51.12	174	32	Horizontal
1649.7299	-61.86	-13.00	48.86	165	128	Horizontal
2468.2937	-32.28	-13.00	19.28	185	112	Horizontal
3299.6100	-47.01	-13.00	34.01	177	66	Horizontal
4124.0375	-56.09	-13.00	43.09	196	131	Horizontal
8823.7941	-52.02	-13.00	39.02	184	310	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
117.2074	-64.69	-13.00	51.69	271	6	Vertical
1629.7259	-57.62	-13.00	44.62	225	132	Vertical
2444.6889	-47.21	-13.00	34.21	263	122	Vertical
3259.4086	-49.16	-13.00	36.16	274	156	Vertical
4074.2358	-55.73	-13.00	42.73	258	156	Vertical
8148.5716	-50.93	-13.00	37.93	269	76	Vertical
43.9687	-63.84	-13.00	50.84	271	355	Horizontal
1629.7259	-61.56	-13.00	48.56	259	63	Horizontal
2444.6889	-43.58	-13.00	30.58	241	54	Horizontal
3259.2086	-43.22	-13.00	30.22	258	48	Horizontal
4074.4358	-54.75	-13.00	41.75	226	118	Horizontal
8148.9716	-52.45	-13.00	39.45	271	118	Horizontal

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7.1.3.Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
109.4955	-63.04	-13.00	50.04	184	7	Vertical
1669.7339	-60.57	-13.00	47.57	174	301	Vertical
2436.2873	-52.35	-13.00	39.35	165	110	Vertical
3339.4113	-53.10	-13.00	40.10	185	147	Vertical
4174.0391	-56.30	-13.00	43.30	195	147	Vertical
8347.9783	-49.48	-13.00	36.48	177	81	Vertical
43.3867	-64.19	-13.00	51.19	271	338	Horizontal
1669.7339	-58.19	-13.00	45.19	244	74	Horizontal
2504.7009	-44.01	-13.00	31.01	251	302	Horizontal
3339.2113	-47.92	-13.00	34.92	241	45	Horizontal
4174.4391	-57.64	-13.00	44.64	265	119	Horizontal
8845.1948	-52.15	-13.00	39.15	218	299	Horizontal

Remark:

1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.

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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	15MHz	QPSK	26865	75RB#0	VL	NT	0.10	0.000120	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	VN	NT	-0.90	-0.001082	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	VH	NT	-0.40	-0.000481	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VL	NT	-1.40	-0.001674	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VN	NT	0.00	0.000000	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VH	NT	-0.90	-0.001076	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VL	NT	-2.30	-0.002733	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VN	NT	-1.30	-0.001545	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VH	NT	-0.90	-0.001070	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	VL	NT	-0.20	-0.000241	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	VN	NT	-1.00	-0.001203	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	VH	NT	-0.30	-0.000361	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VL	NT	-0.20	-0.000239	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VN	NT	-1.60	-0.001913	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VH	NT	-1.30	-0.001554	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VL	NT	-1.40	-0.001664	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VN	NT	-0.70	-0.000832	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VH	NT	-1.90	-0.002258	±2.5	PASS

8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	15MHz	QPSK	26865	75RB#0	NV	-30	0.10	0.000120	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	-20	-0.40	-0.000481	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	0	-0.20	-0.000241	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	10	-1.30	-0.001563	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	20	0.20	0.000241	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	30	-0.10	-0.000120	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	40	0.00	0.000000	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	50	-0.60	-0.000722	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	-30	-1.30	-0.001554	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	-20	-1.40	-0.001674	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	0	0.90	0.001076	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	10	-0.30	-0.000359	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	20	0.20	0.000239	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	30	-0.90	-0.001076	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	40	0.10	0.000120	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	50	-0.10	-0.000120	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	-30	-1.20	-0.001426	±2.5	PASS

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Band26	15MHz	QPSK	26965	75RB#0	NV	-20	-2.30	-0.002733	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	0	-0.90	-0.001070	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	10	-0.90	-0.001070	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	20	-2.70	-0.003209	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	30	-0.90	-0.001070	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	40	-1.30	-0.001545	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	50	-2.10	-0.002496	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	-30	0.50	0.000601	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	-20	0.80	0.000962	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	0	0.20	0.000241	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	10	0.80	0.000962	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	20	-0.80	-0.000962	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	30	-0.30	-0.000361	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	40	0.30	0.000361	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	50	-0.80	-0.000962	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	-30	0.30	0.000359	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	-20	0.10	0.000120	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	0	-0.20	-0.000239	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	10	0.90	0.001076	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	20	-0.20	-0.000239	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	30	-1.20	-0.001435	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	40	-0.10	-0.000120	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	50	-0.30	-0.000359	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	-30	-1.20	-0.001426	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	-20	-0.60	-0.000713	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	0	-1.60	-0.001901	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	10	-2.80	-0.003327	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	20	-2.00	-0.002377	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	30	-2.10	-0.002496	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	40	-2.30	-0.002733	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	50	-2.20	-0.002614	±2.5	PASS

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