



Appendix B

E-UTRA Band 26



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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	23.20	25.05	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#2	23.01	24.86	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	22.89	24.74	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#0	22.98	24.83	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#1	22.95	24.80	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#3	23.01	24.86	38.45	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	22.10	23.95	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	23.42	25.27	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#2	23.40	25.25	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#5	23.37	25.22	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#0	23.28	25.13	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#1	23.42	25.27	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#3	23.33	25.18	38.45	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	22.39	24.24	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	23.50	25.35	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#2	23.48	25.33	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	23.49	25.34	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#0	23.36	25.21	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#1	23.33	25.18	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#3	23.34	25.19	38.45	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	22.34	24.19	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	22.35	24.20	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#2	22.14	23.99	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	22.15	24.00	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#0	22.10	23.95	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#1	22.09	23.94	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#3	22.07	23.92	38.45	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	21.12	22.97	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	22.71	24.56	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#2	22.61	24.46	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#5	22.56	24.41	38.45	PASS
Band26	1.4MHz	16QAM	26915	3RB#0	22.39	24.24	38.45	PASS



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Band26	1.4MHz	16QAM	26915	3RB#1	22.49	24.34	38.45	PASS
Band26	1.4MHz	16QAM	26915	3RB#3	22.41	24.26	38.45	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	21.42	23.27	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	22.55	24.40	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#2	22.53	24.38	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	22.50	24.35	38.45	PASS
Band26	1.4MHz	16QAM	27033	3RB#0	22.44	24.29	38.45	PASS
Band26	1.4MHz	16QAM	27033	3RB#1	22.56	24.41	38.45	PASS
Band26	1.4MHz	16QAM	27033	3RB#3	22.44	24.29	38.45	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	21.46	23.31	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#0	23.06	24.91	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#8	23.07	24.92	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#14	22.99	24.84	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#0	22.06	23.91	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#4	21.98	23.83	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#7	22.03	23.88	38.45	PASS
Band26	3MHz	QPSK	26805	15RB#0	22.04	23.89	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#0	23.34	25.19	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#8	23.38	25.23	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#14	23.31	25.16	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#0	22.43	24.28	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#4	22.41	24.26	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#7	22.32	24.17	38.45	PASS
Band26	3MHz	QPSK	26915	15RB#0	22.39	24.24	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#0	23.49	25.34	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#8	23.68	25.53	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#14	23.60	25.45	38.45	PASS
Band26	3MHz	QPSK	27025	8RB#0	22.51	24.36	38.45	PASS
Band26	3MHz	QPSK	27025	8RB#4	22.39	24.24	38.45	PASS
Band26	3MHz	QPSK	27025	8RB#7	22.45	24.30	38.45	PASS
Band26	3MHz	QPSK	27025	15RB#0	22.45	24.30	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#0	22.19	24.04	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#8	22.17	24.02	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#14	22.27	24.12	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#0	21.12	22.97	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#4	21.01	22.86	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#7	21.06	22.91	38.45	PASS
Band26	3MHz	16QAM	26805	15RB#0	21.12	22.97	38.45	PASS



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Band26	3MHz	16QAM	26915	1RB#0	22.48	24.33	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#8	22.54	24.39	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#14	22.45	24.30	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#0	21.40	23.25	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#4	21.41	23.26	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#7	21.45	23.30	38.45	PASS
Band26	3MHz	16QAM	26915	15RB#0	21.34	23.19	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#0	22.67	24.52	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#8	22.62	24.47	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#14	22.74	24.59	38.45	PASS
Band26	3MHz	16QAM	27025	8RB#0	21.53	23.38	38.45	PASS
Band26	3MHz	16QAM	27025	8RB#4	21.45	23.30	38.45	PASS
Band26	3MHz	16QAM	27025	8RB#7	21.57	23.42	38.45	PASS
Band26	3MHz	16QAM	27025	15RB#0	21.55	23.40	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#0	23.02	24.87	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#12	23.10	24.95	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#24	22.77	24.62	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#0	22.11	23.96	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#6	21.99	23.84	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#13	21.94	23.79	38.45	PASS
Band26	5MHz	QPSK	26815	25RB#0	21.97	23.82	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#0	23.28	25.13	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#12	23.45	25.30	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#24	23.10	24.95	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#0	22.41	24.26	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#6	22.27	24.12	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#13	22.24	24.09	38.45	PASS
Band26	5MHz	QPSK	26915	25RB#0	22.48	24.33	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#0	23.52	25.37	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#12	23.64	25.49	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#24	23.43	25.28	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#0	22.46	24.31	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#6	22.56	24.41	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#13	22.45	24.30	38.45	PASS
Band26	5MHz	QPSK	27015	25RB#0	22.45	24.30	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#0	22.32	24.17	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#12	22.20	24.05	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#24	22.20	24.05	38.45	PASS



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Band26	5MHz	16QAM	26815	12RB#0	21.16	23.01	38.45	PASS
Band26	5MHz	16QAM	26815	12RB#6	21.02	22.87	38.45	PASS
Band26	5MHz	16QAM	26815	12RB#13	21.05	22.90	38.45	PASS
Band26	5MHz	16QAM	26815	25RB#0	21.05	22.90	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#0	22.64	24.49	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#12	22.69	24.54	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#24	22.47	24.32	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#0	21.43	23.28	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#6	21.34	23.19	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#13	21.35	23.20	38.45	PASS
Band26	5MHz	16QAM	26915	25RB#0	21.38	23.23	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#0	22.86	24.71	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#12	22.75	24.60	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#24	22.61	24.46	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#0	21.62	23.47	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#6	21.59	23.44	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#13	21.56	23.41	38.45	PASS
Band26	5MHz	16QAM	27015	25RB#0	21.62	23.47	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#0	23.35	25.20	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#24	23.39	25.24	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#49	23.02	24.87	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#0	22.14	23.99	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#12	22.07	23.92	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#25	22.09	23.94	38.45	PASS
Band26	10MHz	QPSK	26840	50RB#0	22.08	23.93	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#0	23.20	25.05	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#24	23.91	25.76	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#49	22.66	24.51	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#0	22.77	24.62	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#12	22.44	24.29	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#25	22.04	23.89	38.45	PASS
Band26	10MHz	QPSK	26915	50RB#0	22.38	24.23	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#0	23.77	25.62	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#24	23.59	25.44	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#49	23.26	25.11	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#0	22.64	24.49	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#12	22.52	24.37	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#25	22.42	24.27	38.45	PASS



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Band26	10MHz	QPSK	26990	50RB#0	22.55	24.40	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#0	22.50	24.35	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#24	22.21	24.06	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#49	22.55	24.40	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#0	21.16	23.01	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#12	21.04	22.89	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#25	21.08	22.93	38.45	PASS
Band26	10MHz	16QAM	26840	50RB#0	21.07	22.92	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#0	22.90	24.75	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#24	22.70	24.55	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#49	22.79	24.64	38.45	PASS
Band26	10MHz	16QAM	26915	25RB#0	21.31	23.16	38.45	PASS
Band26	10MHz	16QAM	26915	25RB#12	21.39	23.24	38.45	PASS
Band26	10MHz	16QAM	26915	25RB#25	21.28	23.13	38.45	PASS
Band26	10MHz	16QAM	26915	50RB#0	21.43	23.28	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#0	23.10	24.95	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#24	22.69	24.54	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#49	23.33	25.18	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#0	21.56	23.41	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#12	21.50	23.35	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#25	21.62	23.47	38.45	PASS
Band26	10MHz	16QAM	26990	50RB#0	21.53	23.38	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#0	23.56	25.41	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#38	23.50	25.35	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#74	23.33	25.18	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#0	22.52	24.37	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#18	22.41	24.26	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#39	22.27	24.12	38.45	PASS
Band26	15MHz	QPSK	26865	75RB#0	22.32	24.17	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#0	23.62	25.47	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#38	23.98	25.83	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#74	22.90	24.75	38.45	PASS
Band26	15MHz	QPSK	26915	36RB#0	22.73	24.58	38.45	PASS
Band26	15MHz	QPSK	26915	36RB#18	22.75	24.60	38.45	PASS
Band26	15MHz	QPSK	26915	36RB#39	22.33	24.18	38.45	PASS
Band26	15MHz	QPSK	26915	75RB#0	22.42	24.27	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#0	23.89	25.74	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#38	23.48	25.33	38.45	PASS



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Band26	15MHz	QPSK	26965	1RB#74	23.23	25.08	38.45	PASS
Band26	15MHz	QPSK	26965	36RB#0	22.91	24.76	38.45	PASS
Band26	15MHz	QPSK	26965	36RB#18	22.57	24.42	38.45	PASS
Band26	15MHz	QPSK	26965	36RB#39	22.45	24.30	38.45	PASS
Band26	15MHz	QPSK	26965	75RB#0	22.68	24.53	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#0	22.74	24.59	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#38	22.51	24.36	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#74	22.88	24.73	38.45	PASS
Band26	15MHz	16QAM	26865	36RB#0	21.53	23.38	38.45	PASS
Band26	15MHz	16QAM	26865	36RB#18	21.32	23.17	38.45	PASS
Band26	15MHz	16QAM	26865	36RB#39	21.15	23.00	38.45	PASS
Band26	15MHz	16QAM	26865	75RB#0	21.31	23.16	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#0	22.77	24.62	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#38	22.56	24.41	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#74	23.07	24.92	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#0	21.82	23.67	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#18	21.56	23.41	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#39	21.21	23.06	38.45	PASS
Band26	15MHz	16QAM	26915	75RB#0	21.49	23.34	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#0	23.12	24.97	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#38	22.58	24.43	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#74	23.01	24.86	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#0	21.92	23.77	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#18	21.65	23.50	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#39	21.34	23.19	38.45	PASS
Band26	15MHz	16QAM	26965	75RB#0	21.75	23.60	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]



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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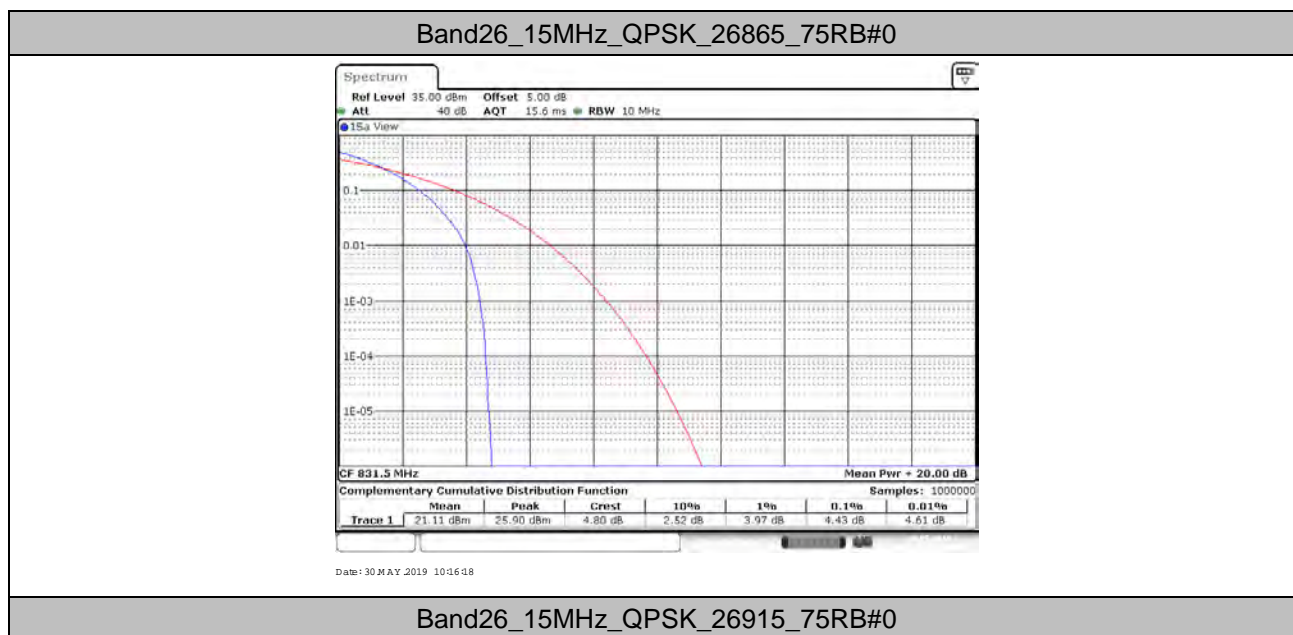


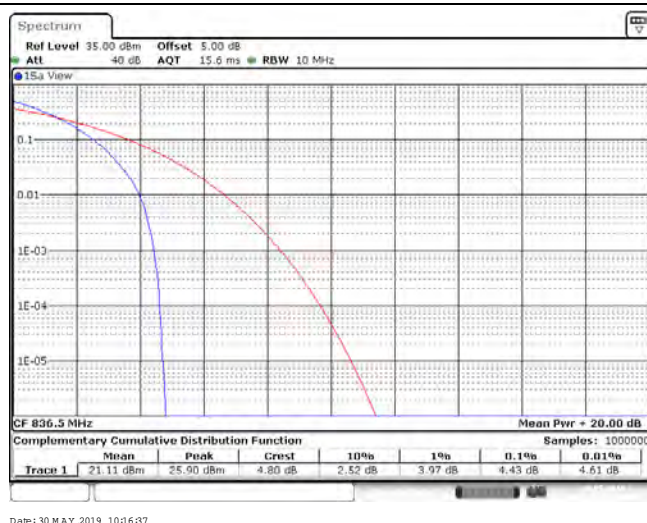
2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

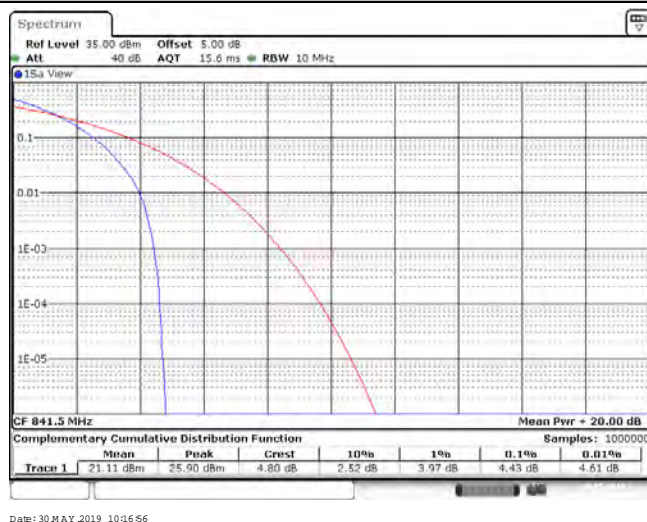
BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	15MHz	QPSK	26865	75RB#0	4.43	13	PASS
Band26	15MHz	QPSK	26915	75RB#0	4.43	13	PASS
Band26	15MHz	QPSK	26965	75RB#0	4.43	13	PASS
Band26	15MHz	16QAM	26865	75RB#0	4.43	13	PASS
Band26	15MHz	16QAM	26915	75RB#0	4.43	13	PASS
Band26	15MHz	16QAM	26965	75RB#0	4.43	13	PASS

2.2. Test Plots





Band26 15MHz QPSK 26965 75RB#0

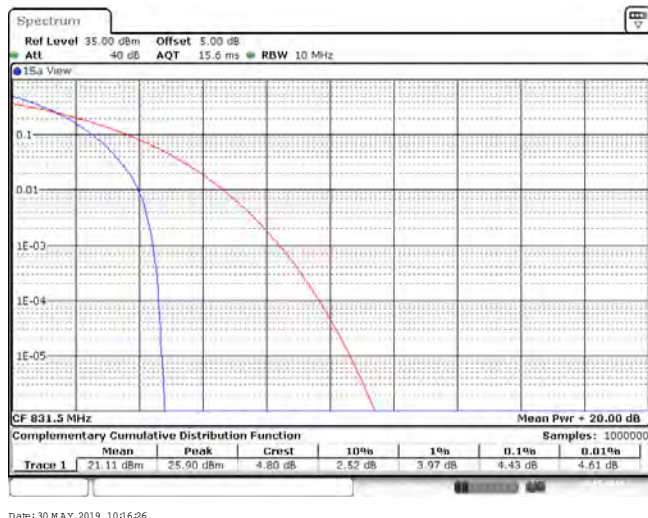


Band26_15MHz_16QAM_26865_75RB#0



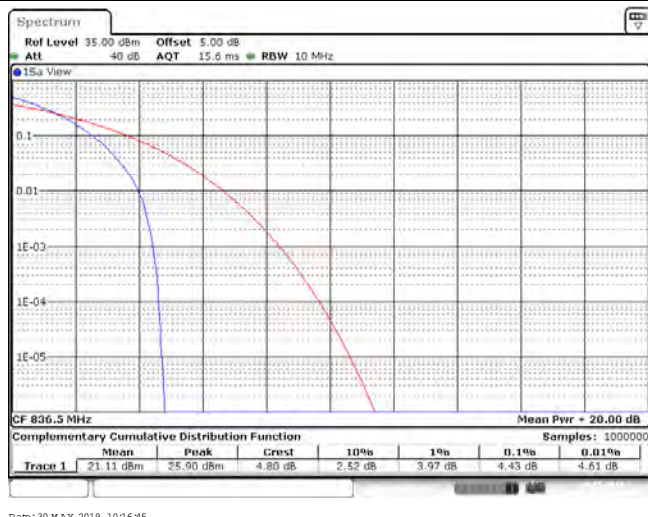
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Date: 30 MAY 2019 10:16:26

Band26_15MHz_16QAM_26915_75RB#0



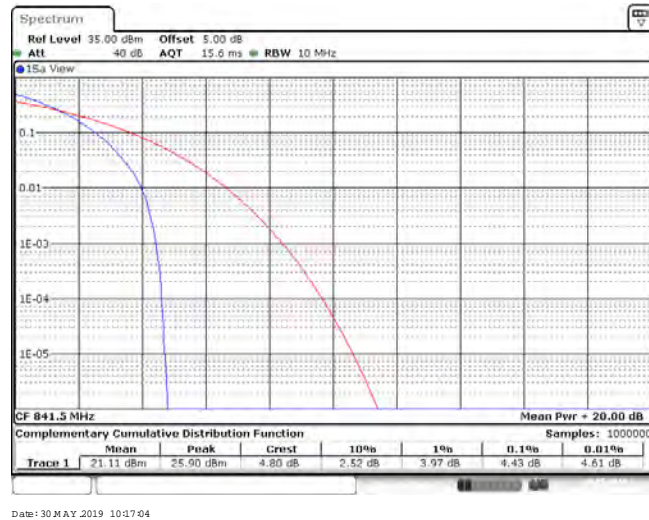
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Band26_15MHz_16QAM_26965_75RB#0



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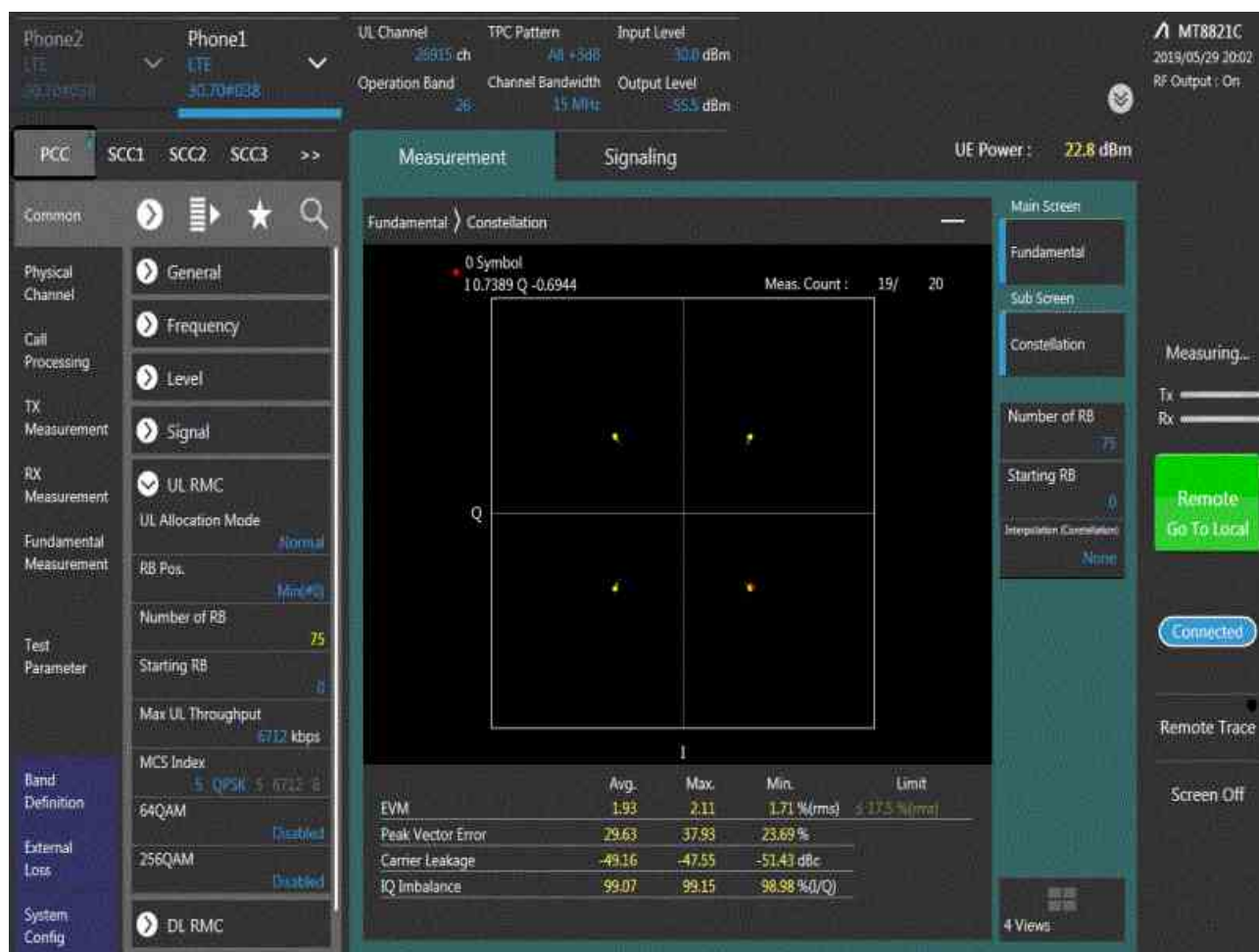
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3. Modulation Characteristics

3.1. Test BAND = LTE Band 26

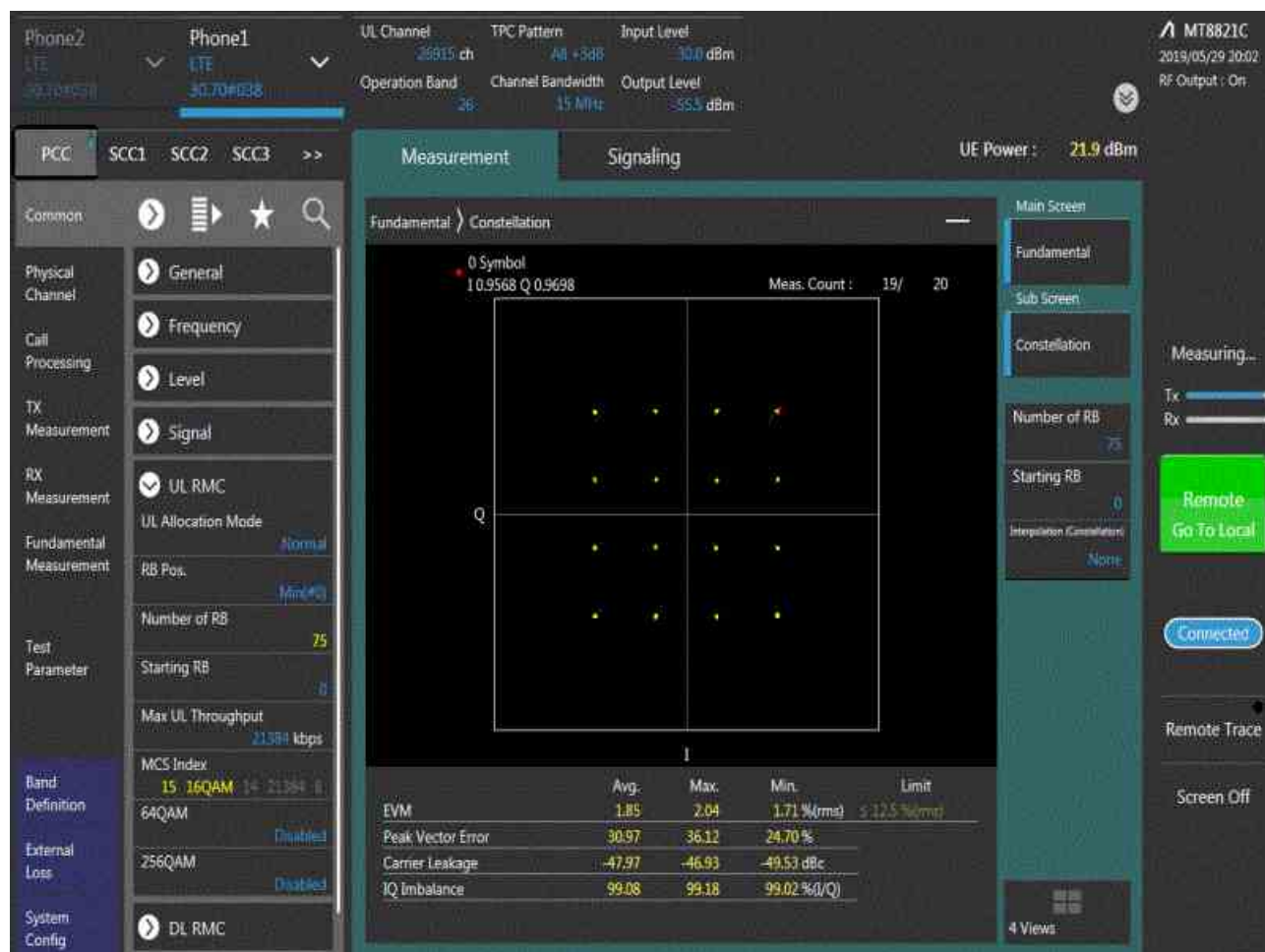
3.2. Test Mode = LTE /TM1 15MHz

3.2.1. Test Channel = MCH



3.3. Test Mode = LTE /TM2 15MHz

3.3.1. Test Channel = MCH





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	1.100	1.290	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.097	1.311	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	1.094	1.341	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	1.097	1.296	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.103	1.317	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	1.100	1.311	PASS
Band26	3MHz	QPSK	26805	15RB#0	2.703	2.976	PASS
Band26	3MHz	QPSK	26915	15RB#0	2.703	2.994	PASS
Band26	3MHz	QPSK	27025	15RB#0	2.703	2.994	PASS
Band26	3MHz	16QAM	26805	15RB#0	2.703	3.012	PASS
Band26	3MHz	16QAM	26915	15RB#0	2.691	3.000	PASS
Band26	3MHz	16QAM	27025	15RB#0	2.691	2.988	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.486	4.960	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.486	4.930	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.466	4.930	PASS
Band26	5MHz	16QAM	26815	25RB#0	4.476	4.920	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.476	4.930	PASS
Band26	5MHz	16QAM	27015	25RB#0	4.466	4.880	PASS
Band26	10MHz	QPSK	26840	50RB#0	8.931	9.840	PASS
Band26	10MHz	QPSK	26915	50RB#0	8.931	9.720	PASS
Band26	10MHz	QPSK	26990	50RB#0	8.911	9.740	PASS
Band26	10MHz	16QAM	26840	50RB#0	8.931	9.620	PASS
Band26	10MHz	16QAM	26915	50RB#0	8.911	9.660	PASS
Band26	10MHz	16QAM	26990	50RB#0	8.911	9.760	PASS
Band26	15MHz	QPSK	26865	75RB#0	13.457	14.790	PASS
Band26	15MHz	QPSK	26915	75RB#0	13.427	14.760	PASS
Band26	15MHz	QPSK	26965	75RB#0	13.427	14.790	PASS
Band26	15MHz	16QAM	26865	75RB#0	13.457	14.790	PASS
Band26	15MHz	16QAM	26915	75RB#0	13.457	14.820	PASS
Band26	15MHz	16QAM	26965	75RB#0	13.457	14.730	PASS

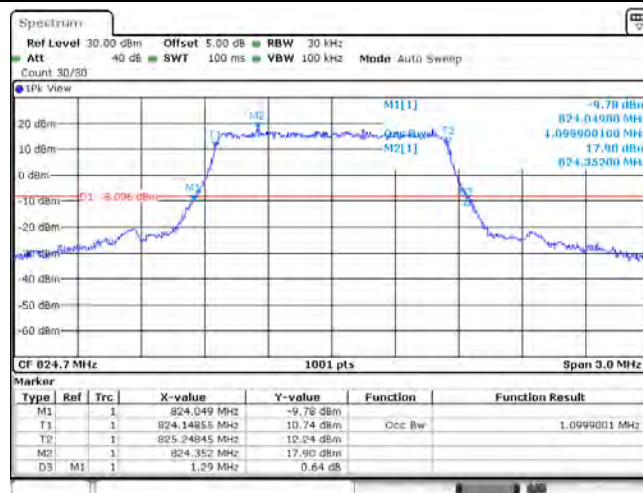


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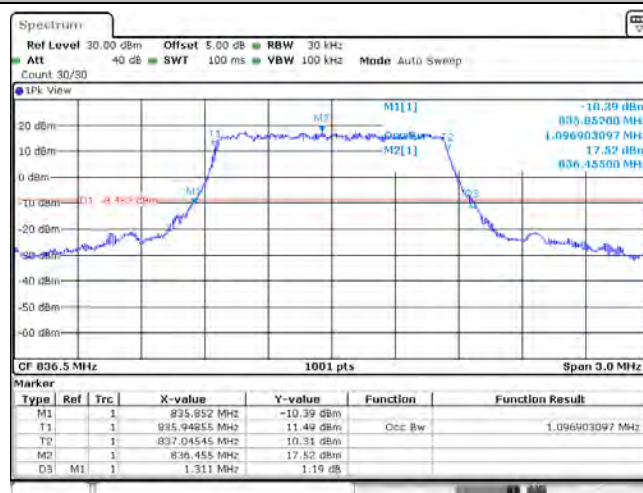
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4.2. Test Plots

Band26_1.4MHz_QPSK_26797_6RB#0



Band26_1.4MHz_QPSK_26915_6RB#0

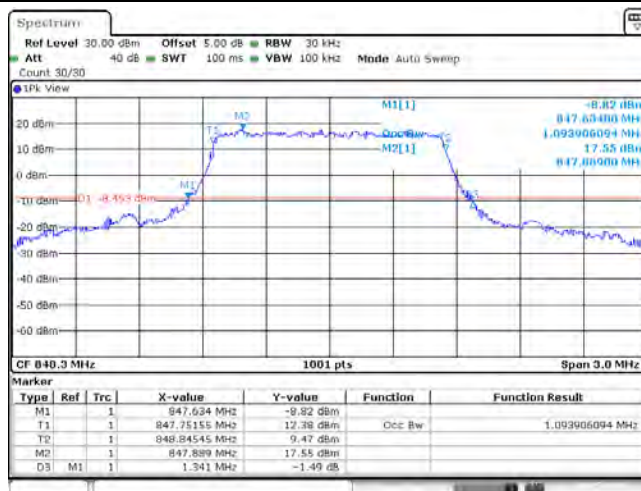


Band26_1.4MHz_QPSK_27033_6RB#0



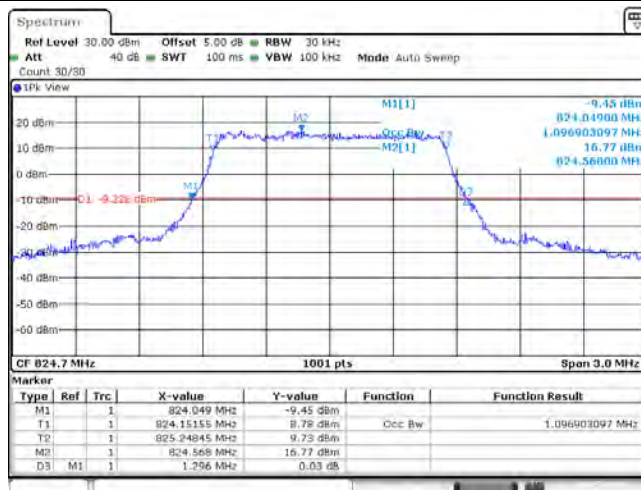
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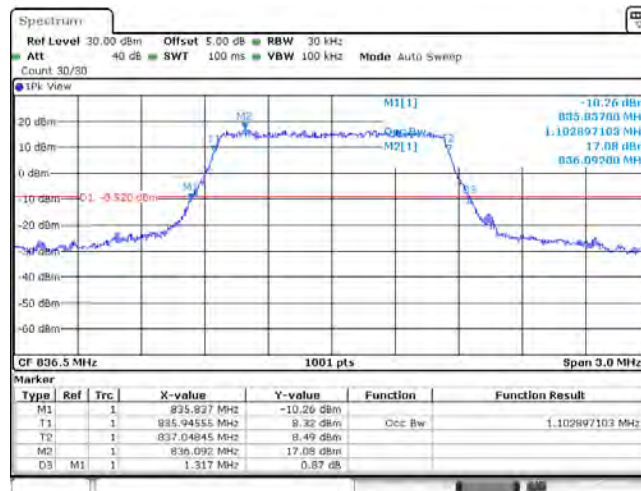
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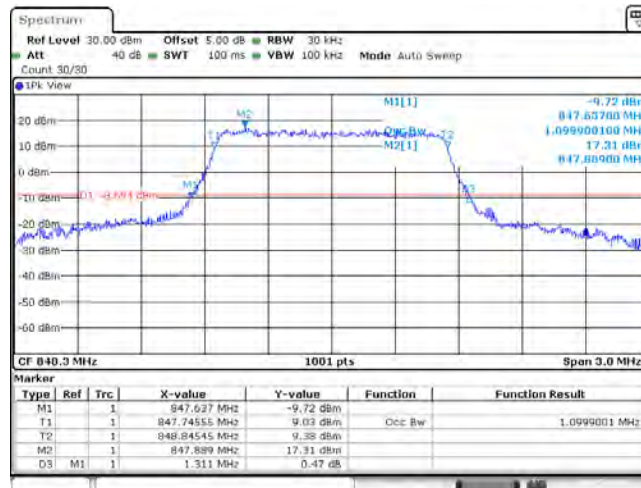
Band26_1.4MHz_16QAM_26915_6RB#0





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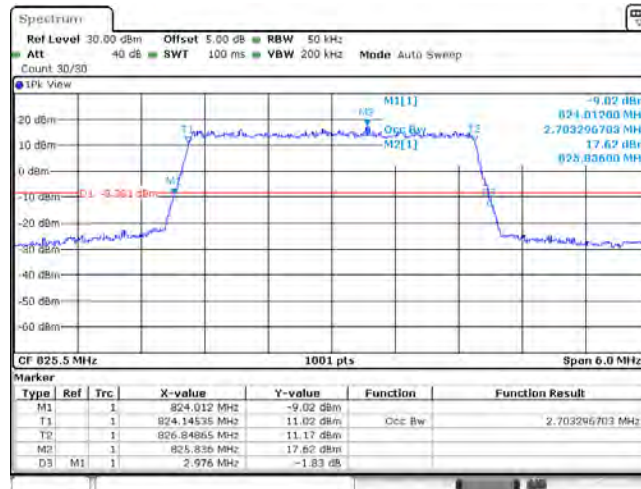
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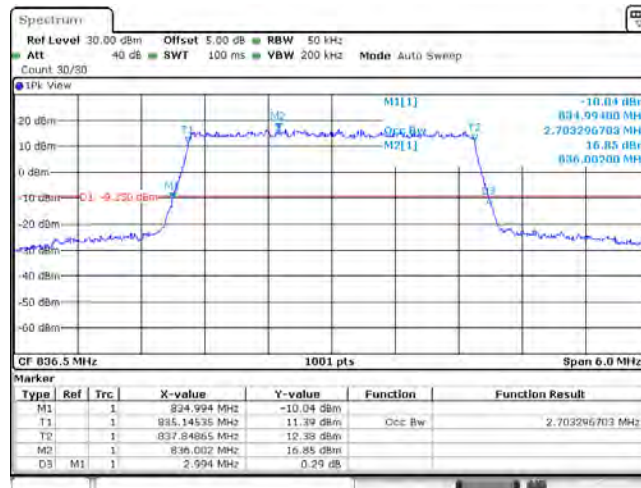
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Band26_3MHz_QPSK_26805_15RB#0





Band26_3MHz_QPSK_26915_15RB#0

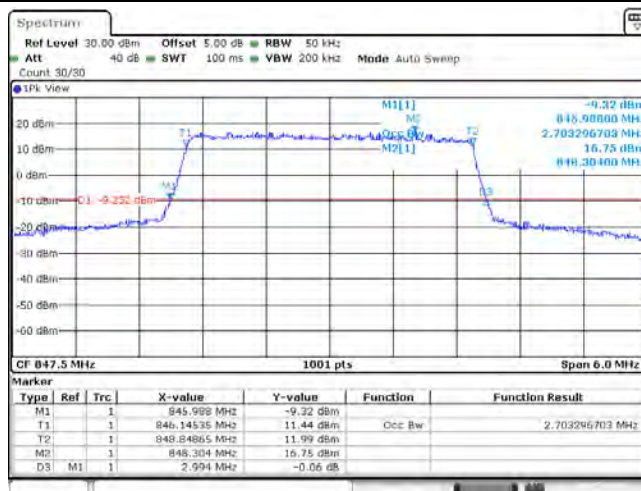


Band26_3MHz_QPSK_27025_15RB#0



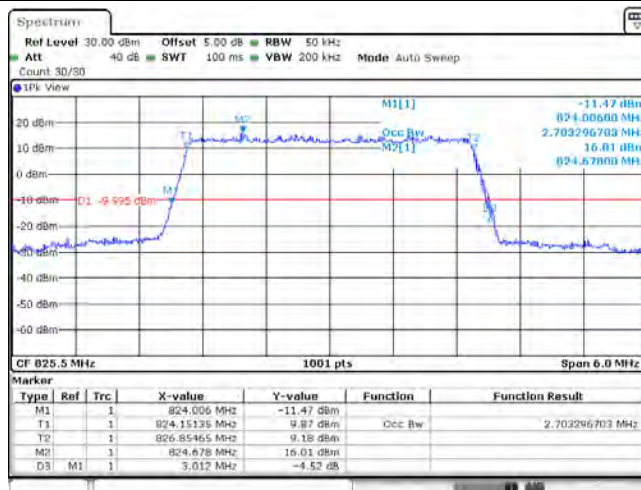
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Date: 30 MAY 2019 09:59:39

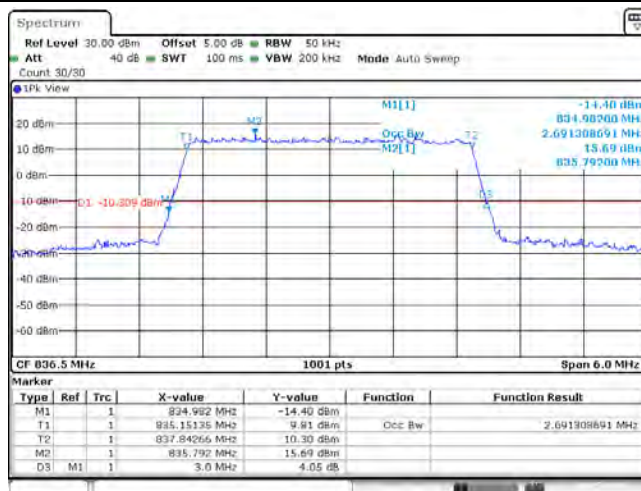
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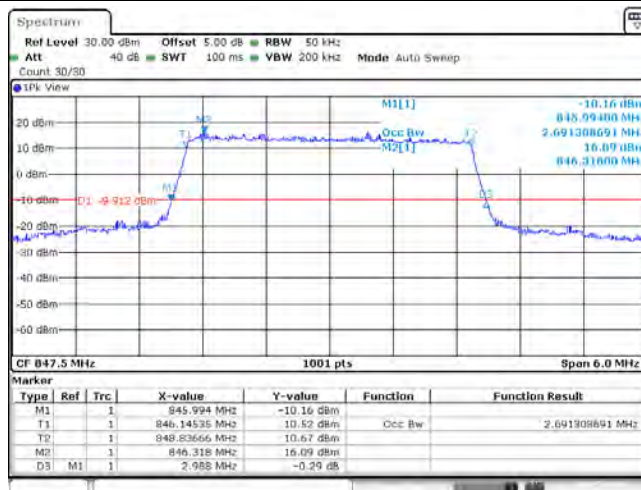
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Date: 30 MAY 2019 09:59:24

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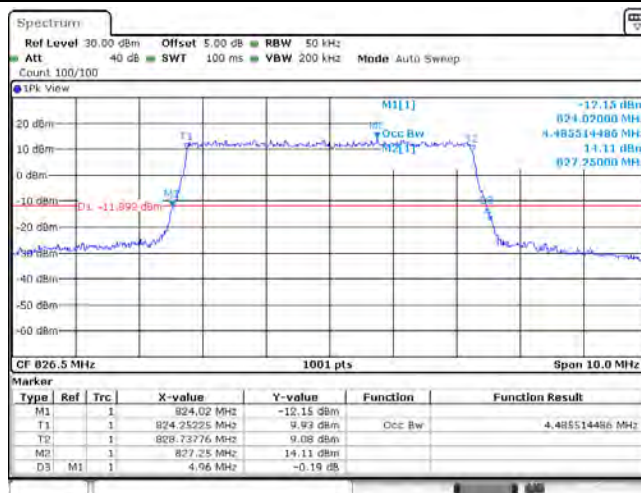
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Band26_5MHz_QPSK_26815_25RB#0



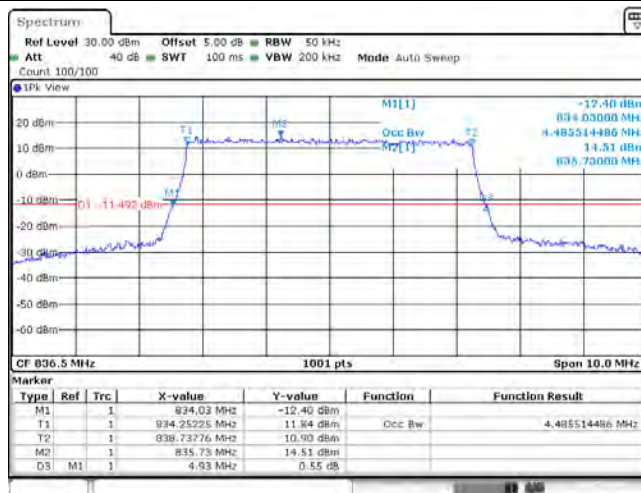
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Date: 30 MAY 2019 10:00:49

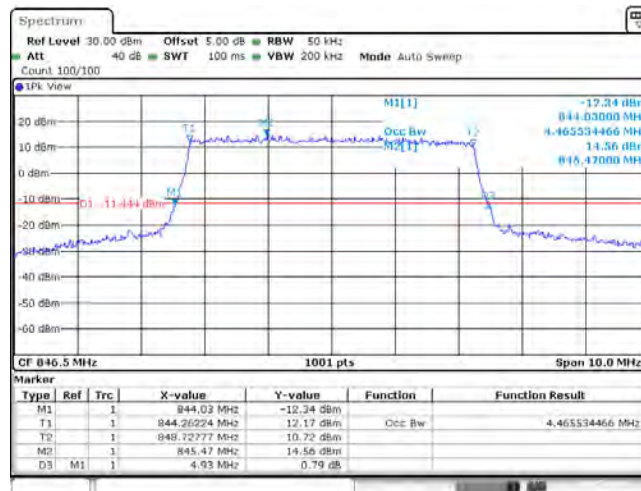
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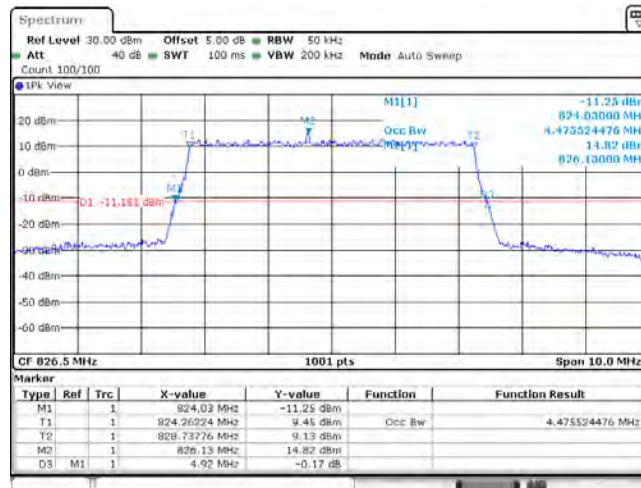
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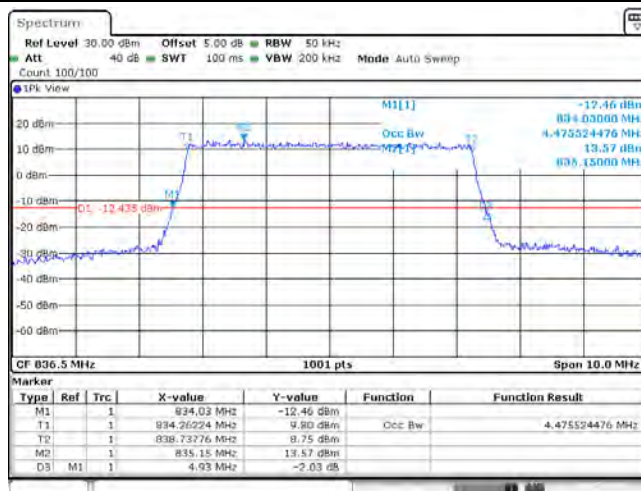
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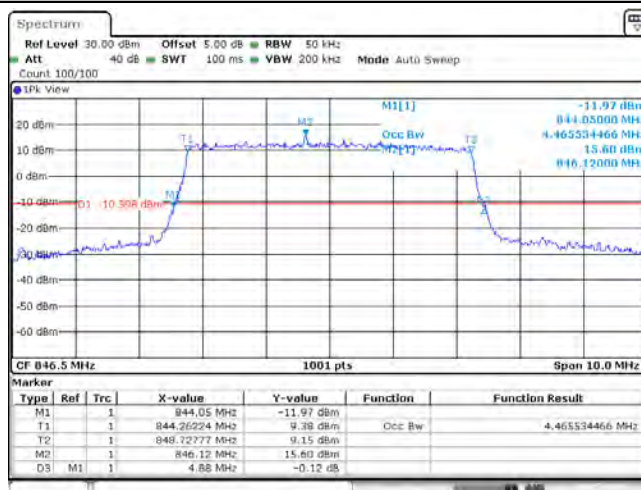
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Band26_5MHz_16QAM_27015_25RB#0



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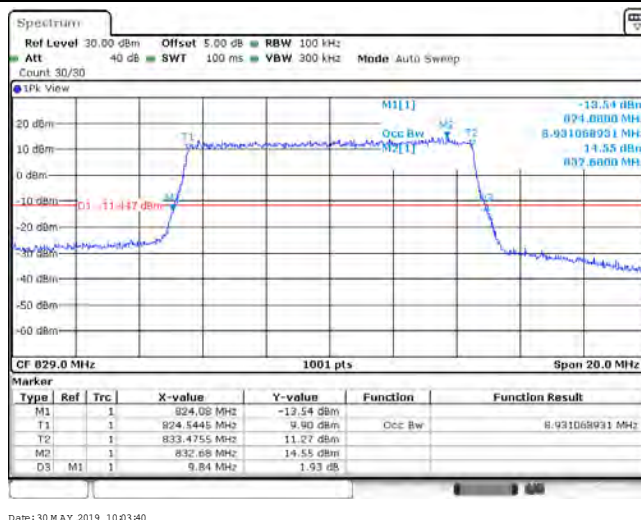
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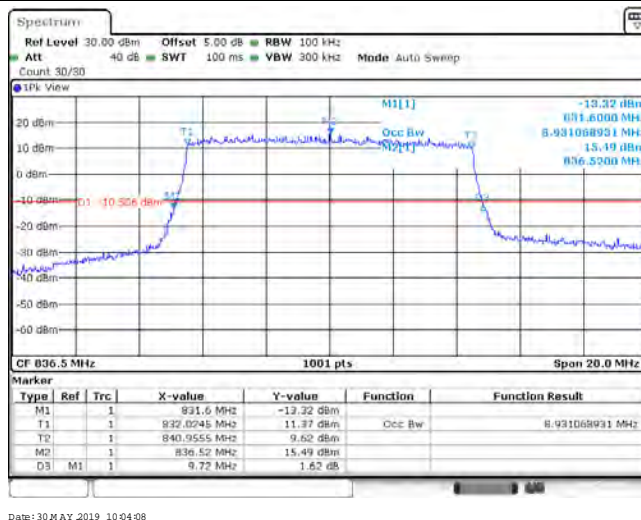
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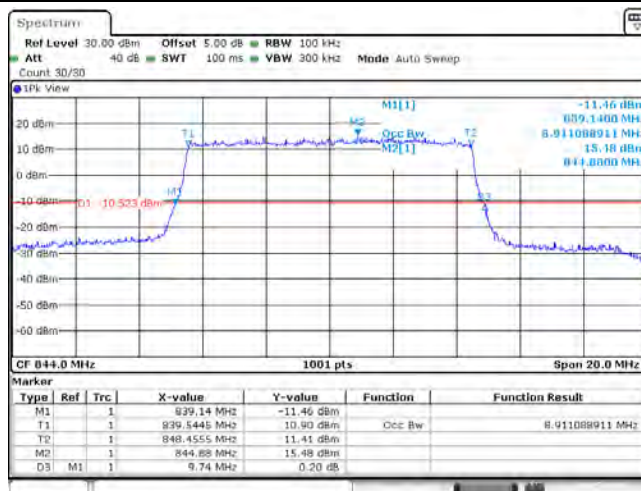


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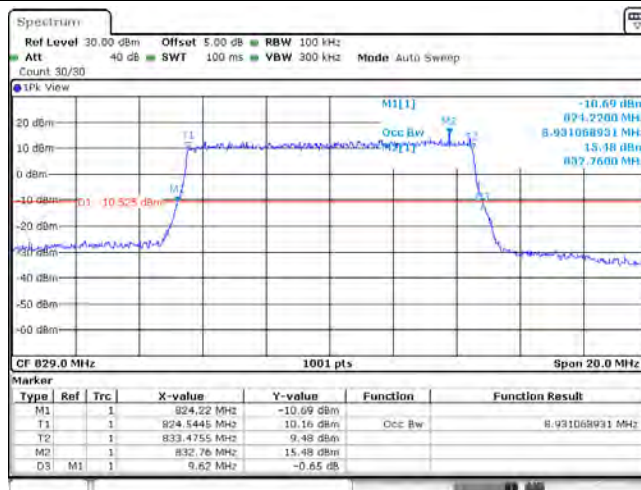
Band26_10MHz_QPSK_26990_50RB#0





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Band26_10MHz_16QAM_26840_50RB#0



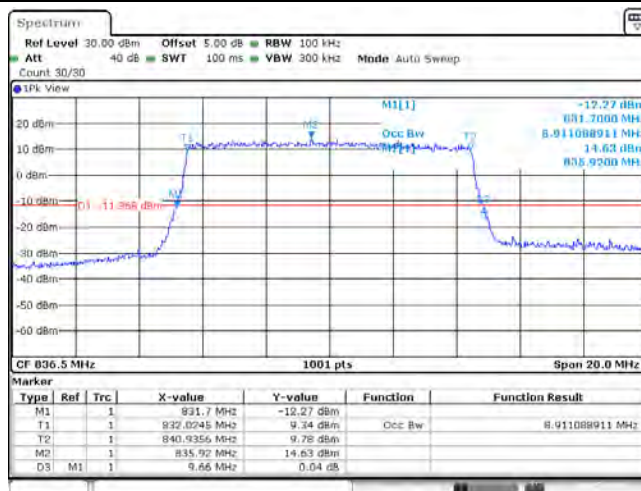
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Band26_10MHz_16QAM_26915_50RB#0



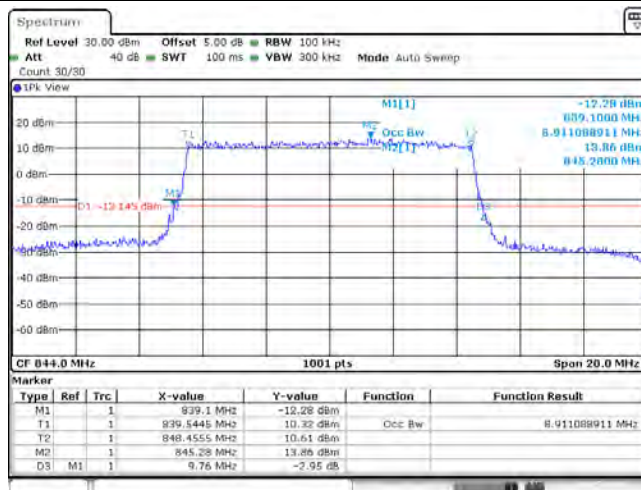
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Band26_10MHz_16QAM_26990_50RB#0



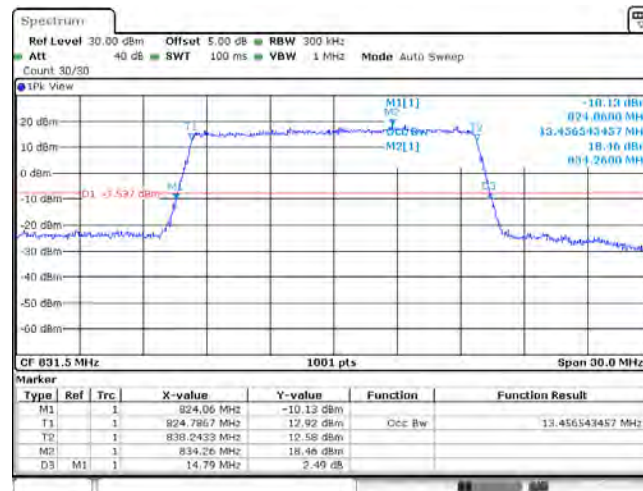
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Band26_15MHz_QPSK_26865_75RB#0



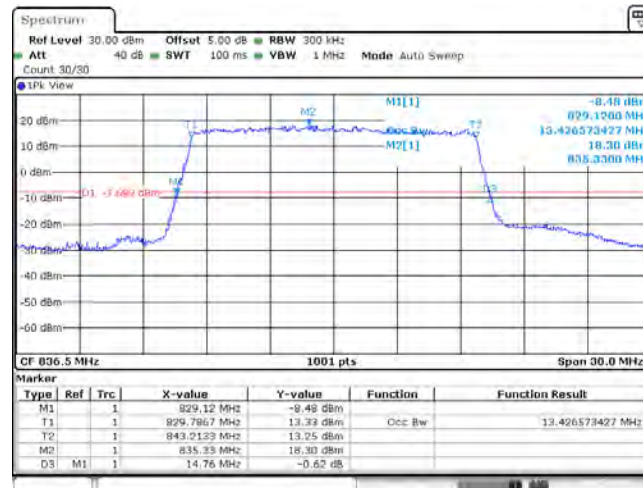
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Date: 30 MAY 2019 10:05:50

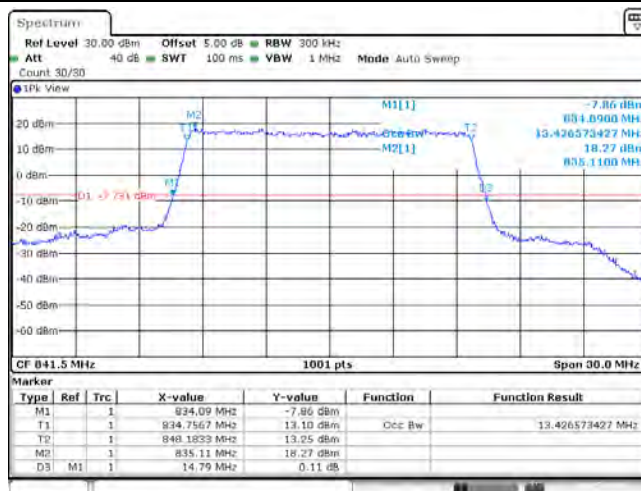
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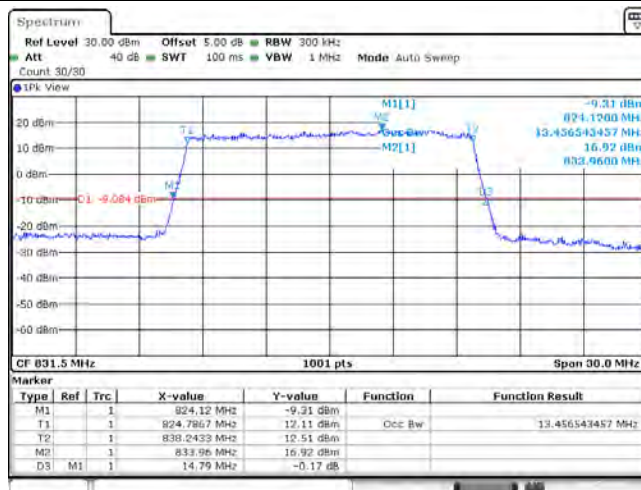
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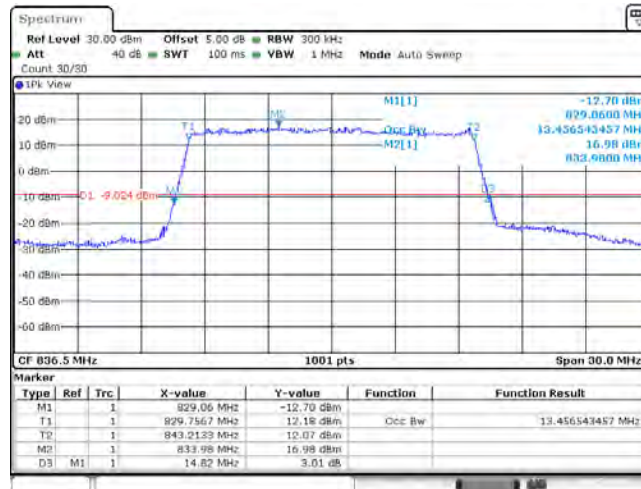
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Band26_15MHz_16QAM_26915_75RB#0



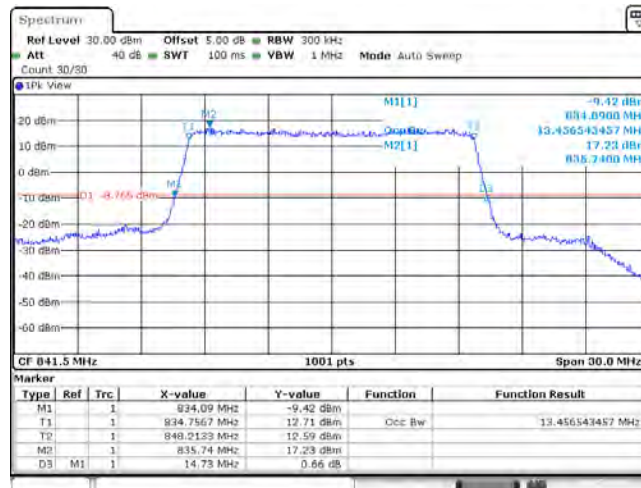
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5. Band Edge Compliance

5.1. Test Plots

BAND 26_1.4MHz_QPSK_26797_1RB#0



Date: 29 MAY 2019 22:35:50

BAND 26_1.4MHz_QPSK_26797_6RB#0



Date: 29 MAY 2019 22:36:28

BAND 26_1.4MHz_QPSK_27033_1RB#5





BAND 26_1.4MHz_QPSK_27033_6RB#0

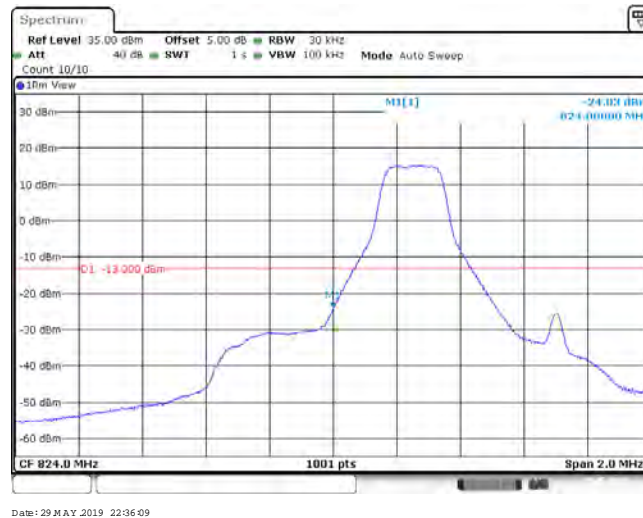


BAND 26_1.4MHz_16QAM_26797_1RB#0



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BAND 26_1.4MHz_16QAM_26797_6RB#0



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BAND 26_1.4MHz_16QAM_27033_6RB#0

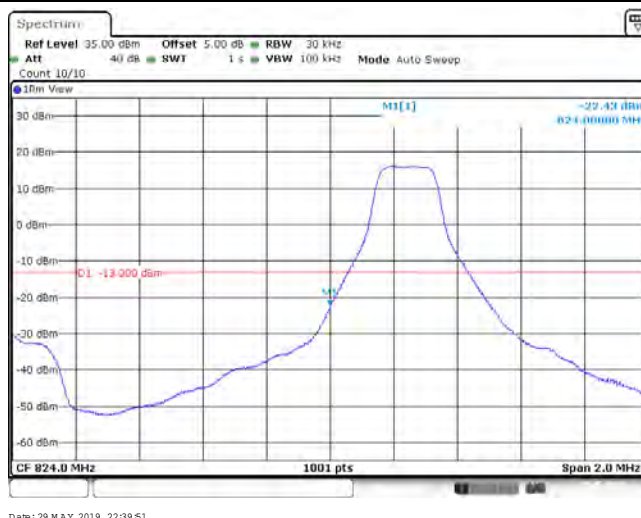


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BAND 26_3MHz_QPSK_26805_15RB#0



BAND 26_3MHz_QPSK_27025_1RB#14





Date: 29 MAY 2019 22:41:11

BAND 26_3MHz_QPSK_27025_15RB#0



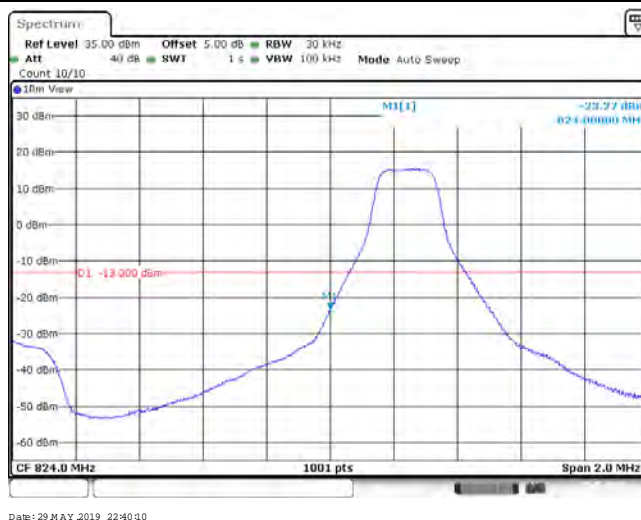
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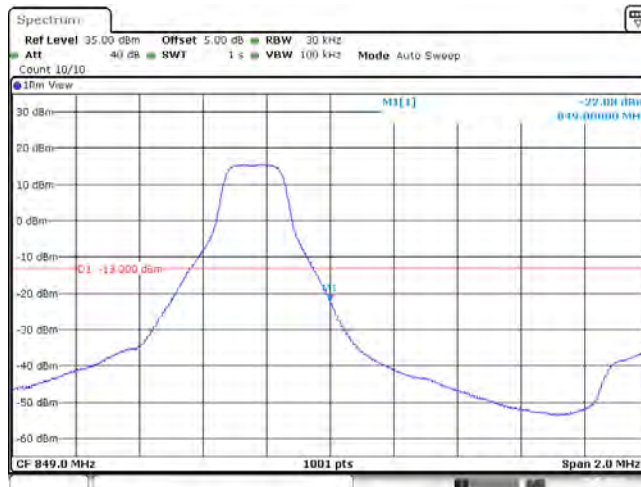


BAND 26_3MHz_16QAM_26805_15RB#0



BAND 26_3MHz_16QAM_27025_1RB#14





Date: 29 MAY 2019 22:41:31

BAND 26_3MHz_16QAM_27025_15RB#0



Date: 29 MAY 2019 22:42:09

BAND 26_5MHz_QPSK_26815_1RB#0



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Date: 29 MAY 2019 22:43:51

BAND 26_5MHz_QPSK_26815_25RB#0



Date: 29 MAY 2019 22:44:00

BAND 26_5MHz_QPSK_27015_1RB#24



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Date: 29 MAY 2019 22:45:12

BAND 26_5MHz_QPSK_27015_25RB#0



Date: 29 MAY 2019 22:45:51

BAND 26_5MHz_16QAM_26815_1RB#0



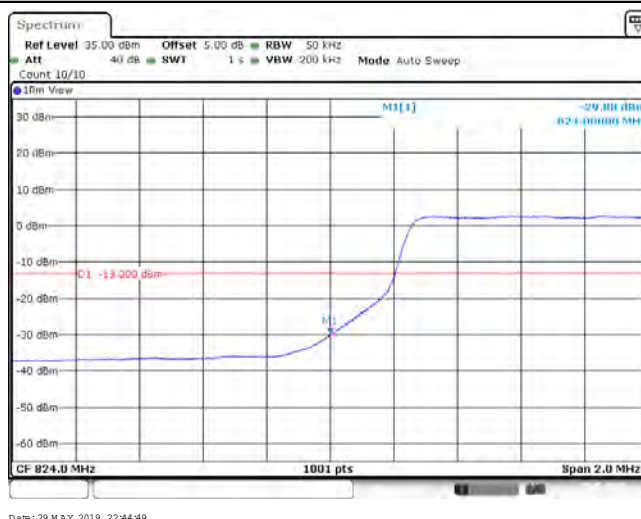
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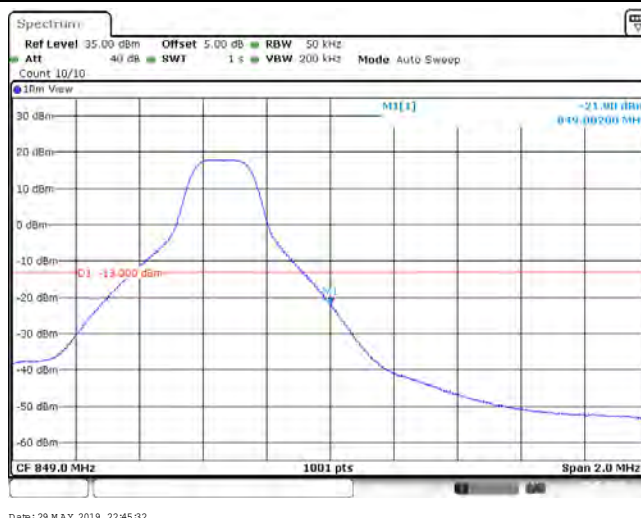
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Date: 29 MAY 2019 22:44:49

BAND 26_5MHz_16QAM_27015_1RB#24





BAND 26_5MHz_16QAM_27015_25RB#0



BAND 26_10MHz_QPSK_26840_1RB#0





Date: 29 MAY 2019 22:47:52

BAND 26_10MHz_QPSK_26840_50RB#0



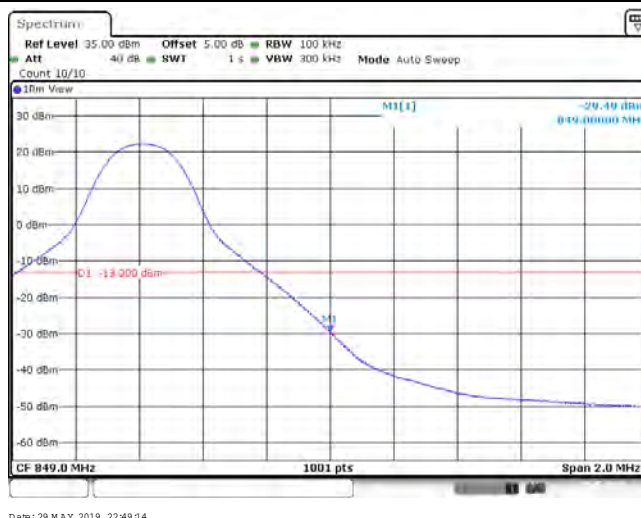
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BAND 26_10MHz_QPSK_26990_1RB#49

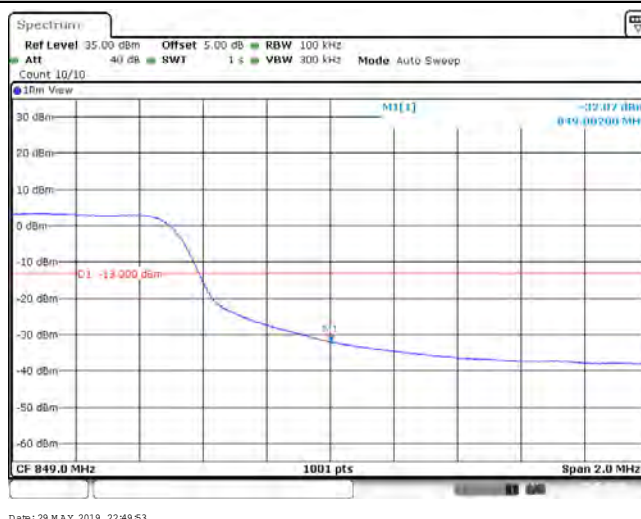


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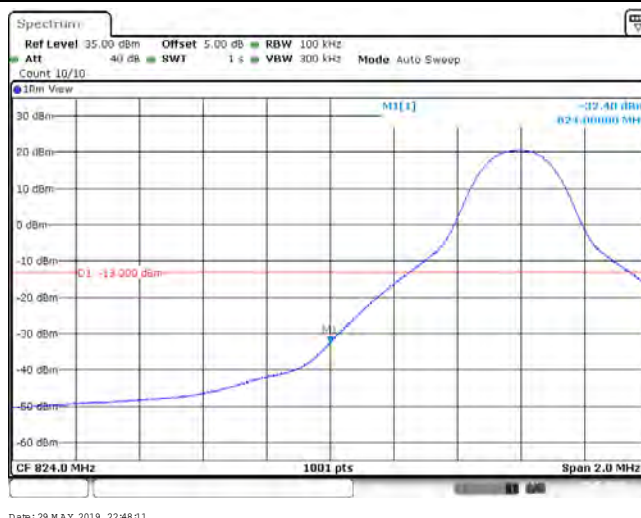


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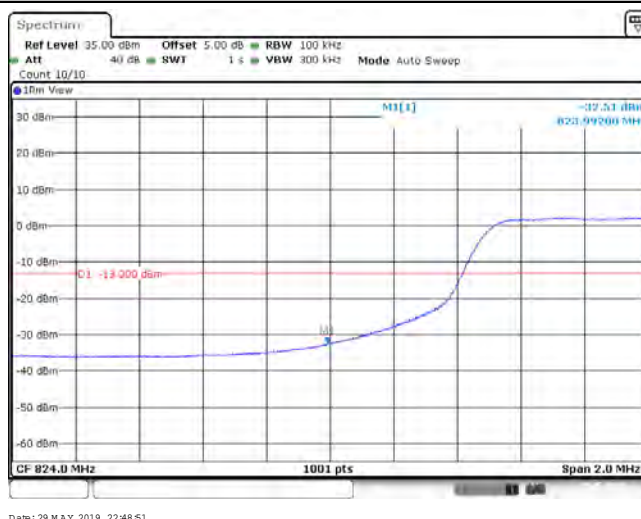
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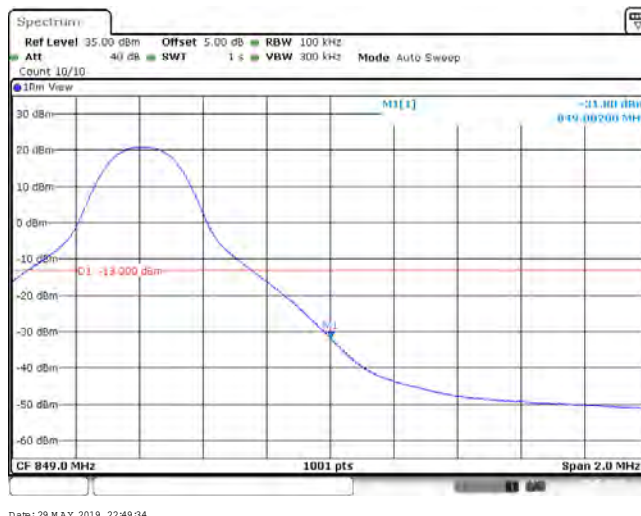
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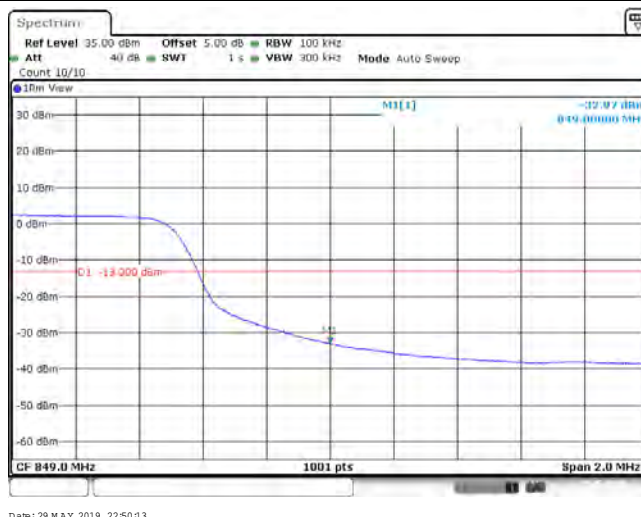


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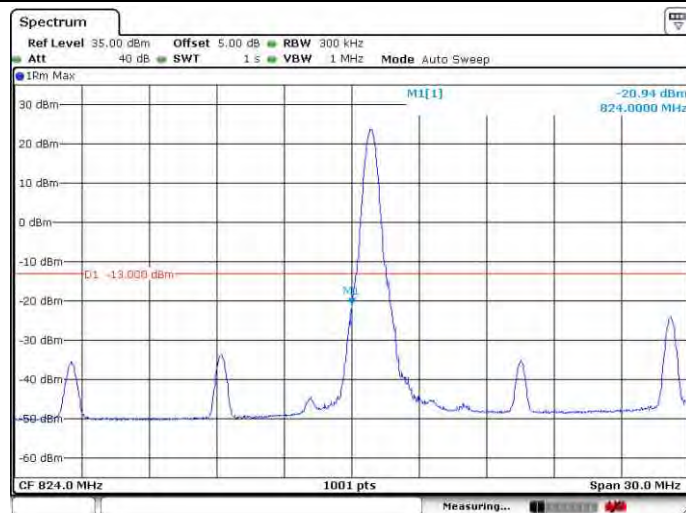


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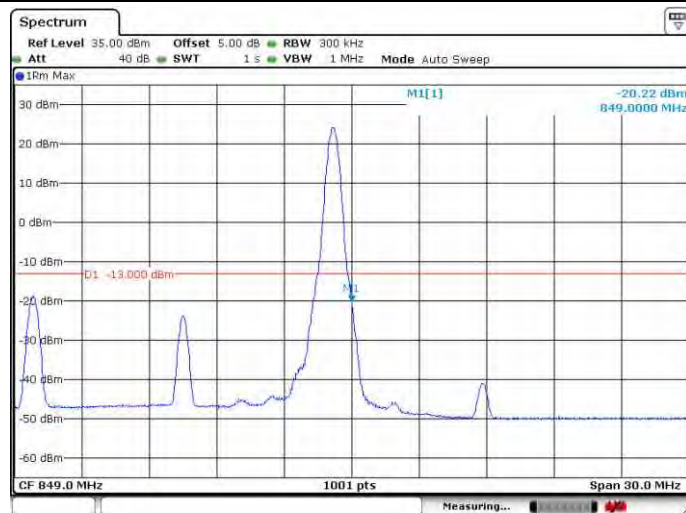


BAND 26_15MHz_QPSK_26865_75RB#0



BAND 26_15MHz_QPSK_26965_1RB#74



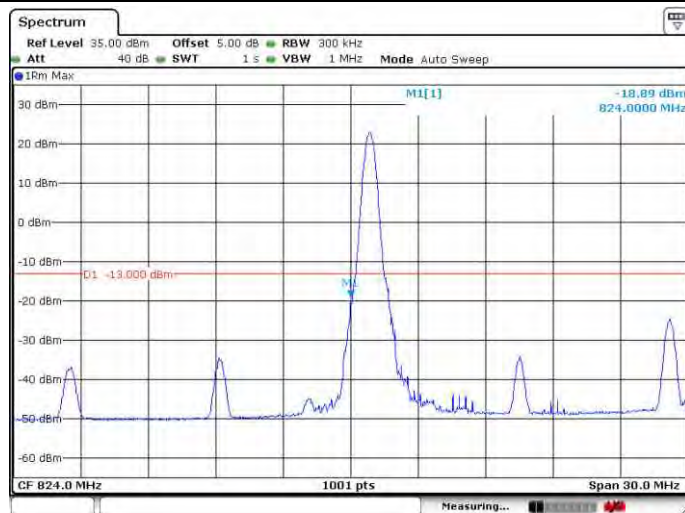


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BAND 26_15MHz_16QAM_26865_1RB#0





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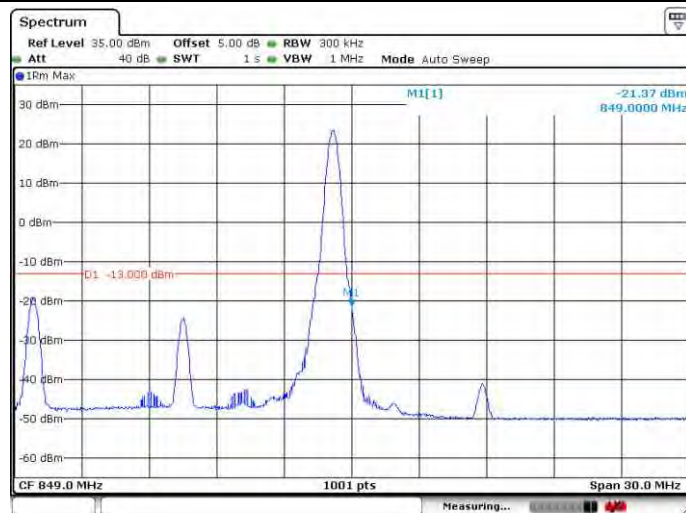


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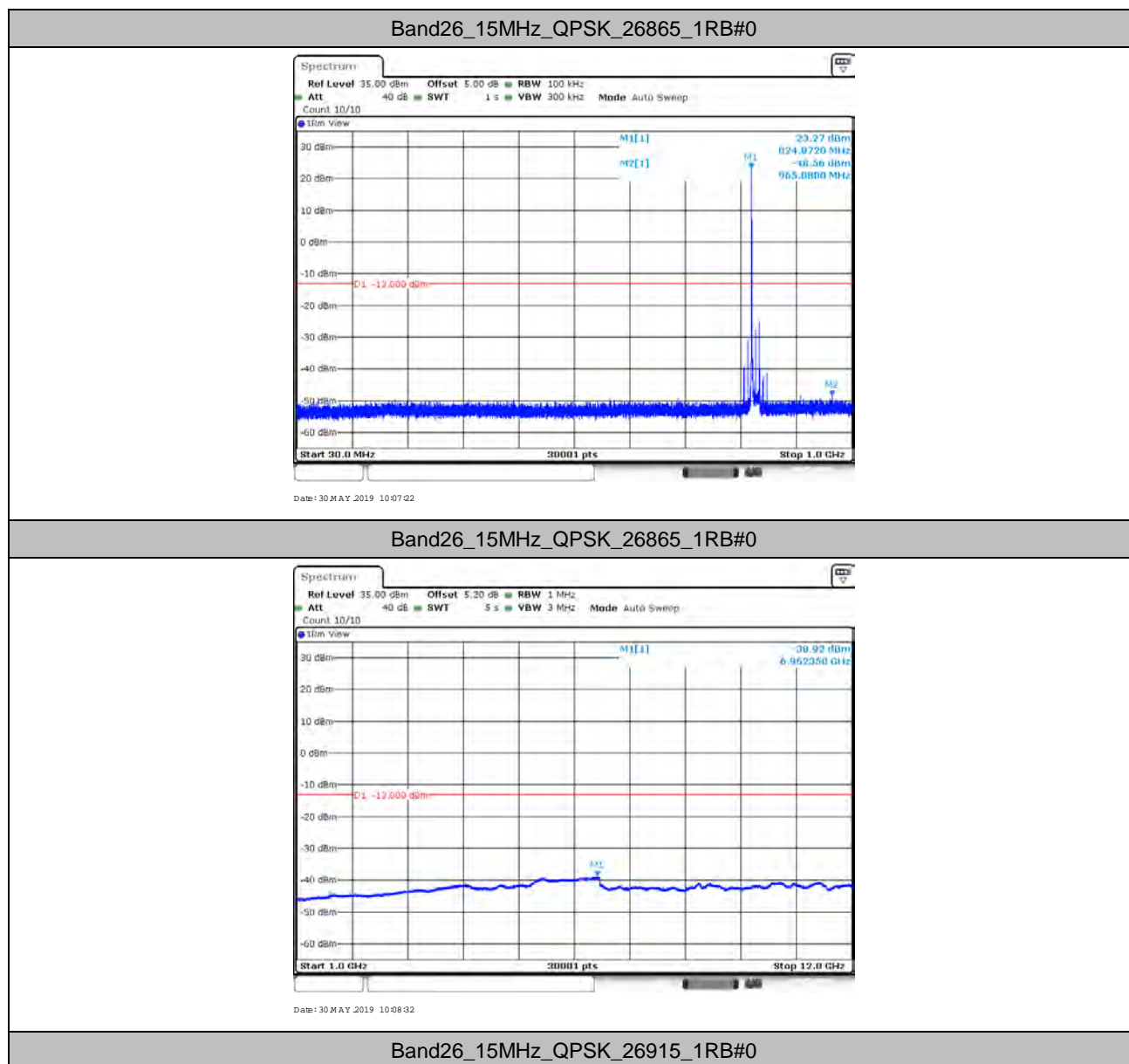
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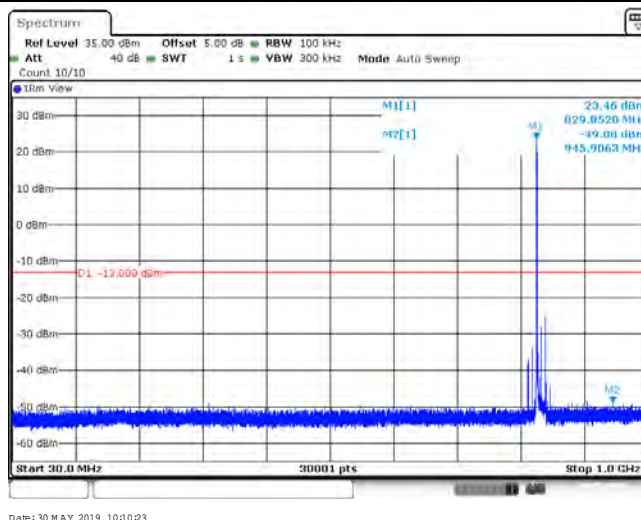
6. Spurious Emission at Antenna Terminal

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 = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

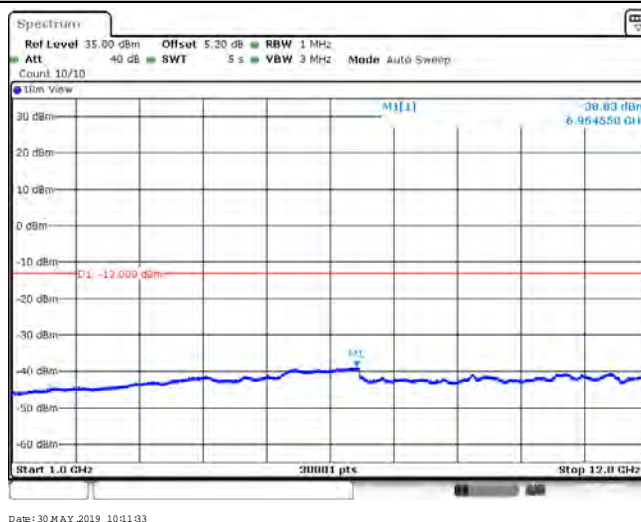
Remark2: only the worst case data displayed in this report.

6.1. Test Plots



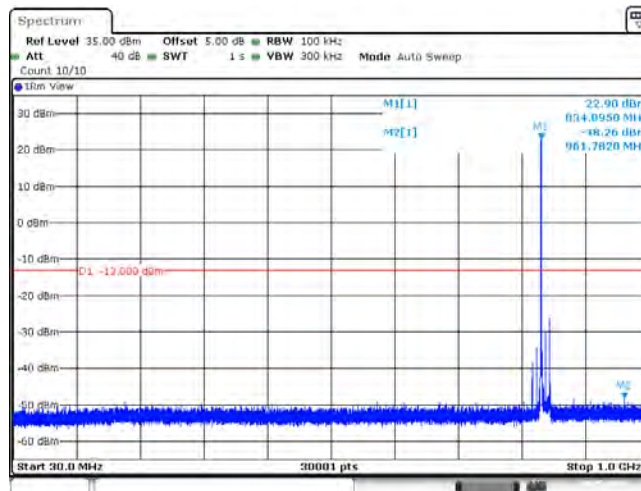


Band26_15MHz_QPSK_26915_1RB#0

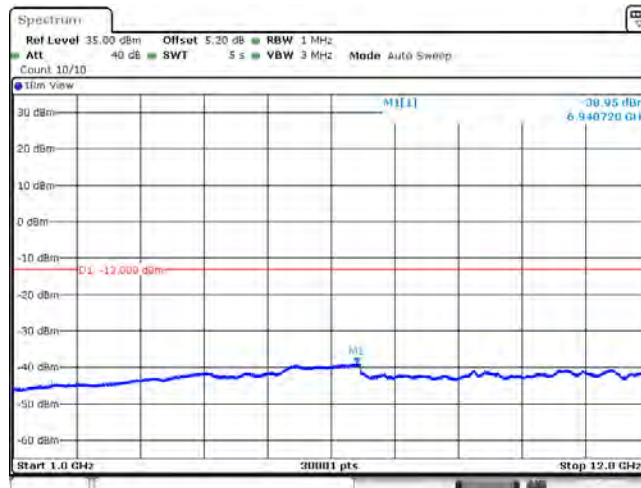


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Band26_15MHz_QPSK_26965_1RB#0

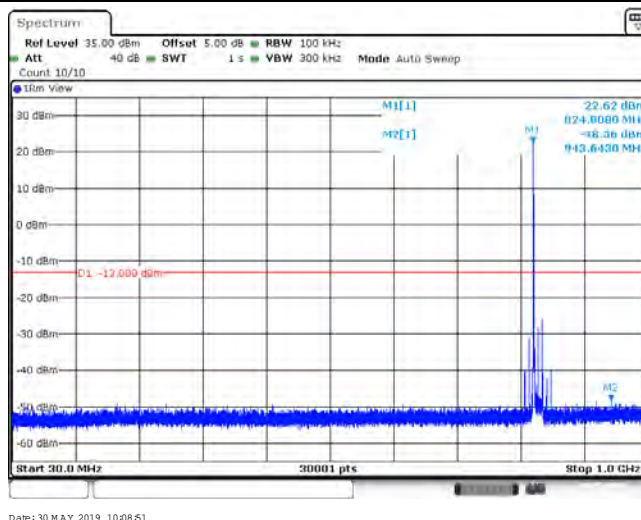


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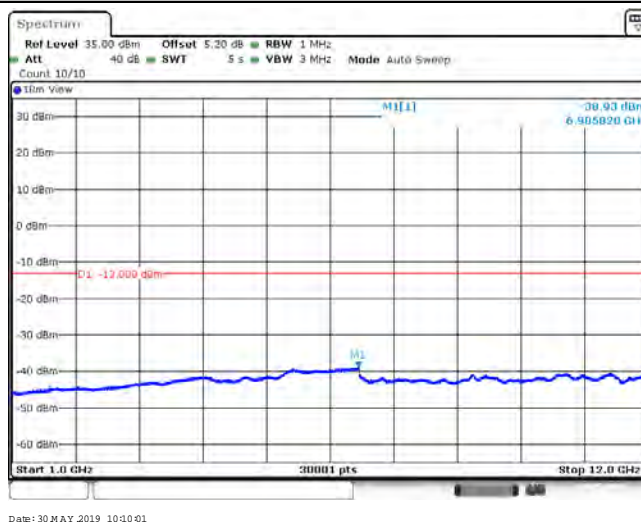


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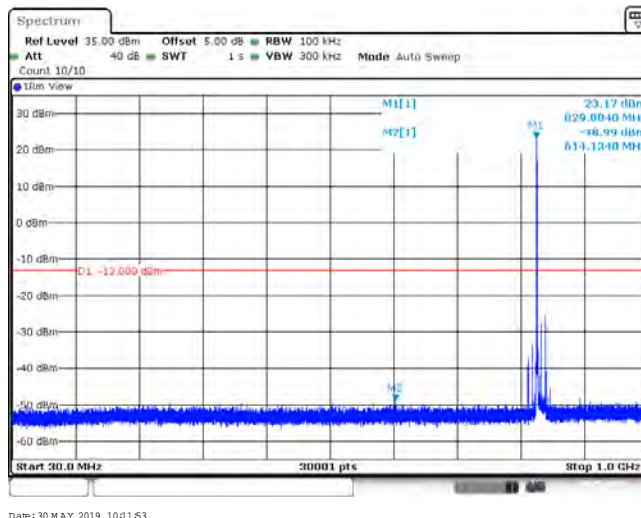


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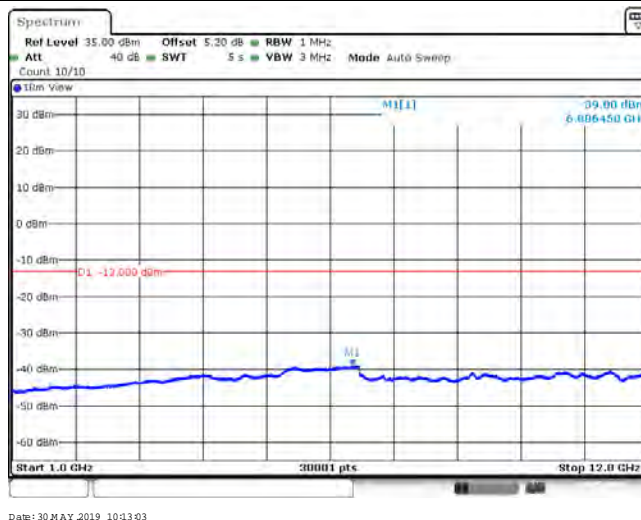


Band26_15MHz_16QAM_26915_1RB#0





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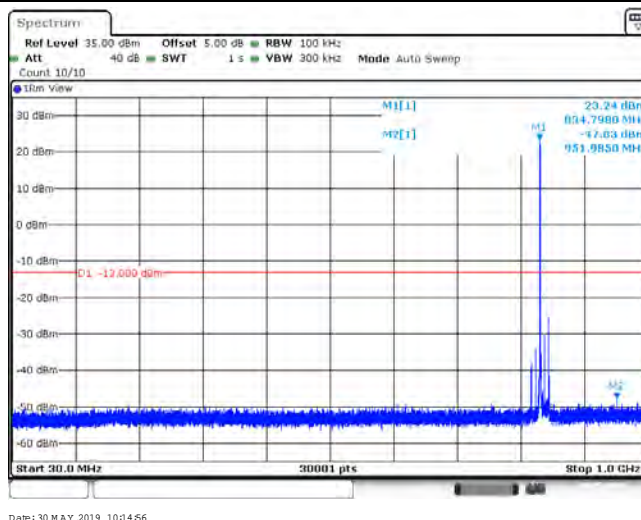
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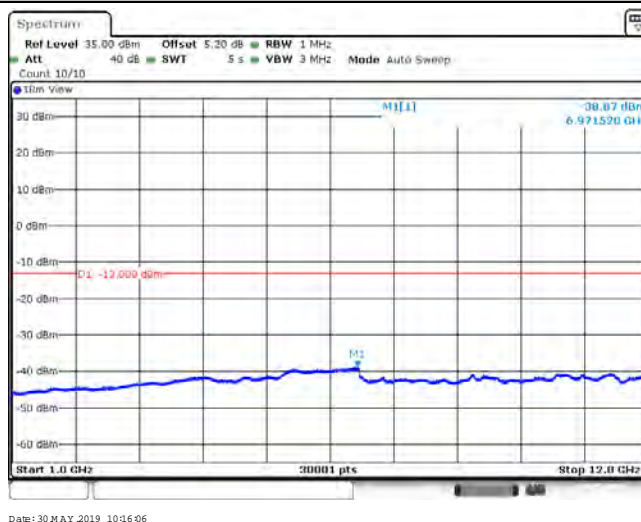
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7. Field Strength of Spurious Radiation

7.1. Test BAND = LTE Band 26

7.1.1. Test Mode = LTE/TM1 15MHz

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.020000	-79.82	-13.00	66.82	Vertical
104.246667	-78.40	-13.00	65.40	Vertical
1649.500000	-56.40	-13.00	43.40	Vertical
2474.500000	-58.74	-13.00	45.74	Vertical
4318.687500	-65.77	-13.00	52.77	Vertical
6057.112500	-63.96	-13.00	50.96	Vertical
62.433333	-76.15	-13.00	63.15	Horizontal
104.293333	-81.17	-13.00	68.17	Horizontal
1649.500000	-60.84	-13.00	47.84	Horizontal
2474.500000	-58.86	-13.00	45.86	Horizontal
4345.012500	-65.92	-13.00	52.92	Horizontal
7919.850000	-62.91	-13.00	49.91	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.486667	-80.50	-13.00	67.50	Vertical
104.246667	-78.60	-13.00	65.60	Vertical
1659.500000	-60.10	-13.00	47.10	Vertical
2489.000000	-58.93	-13.00	45.93	Vertical
4206.562500	-66.07	-13.00	53.07	Vertical
6143.887500	-63.94	-13.00	50.94	Vertical
62.666667	-76.48	-13.00	63.48	Horizontal
104.340000	-80.55	-13.00	67.55	Horizontal
1659.500000	-60.13	-13.00	47.13	Horizontal
2489.500000	-57.65	-13.00	44.65	Horizontal
4293.825000	-65.48	-13.00	52.48	Horizontal
6051.262500	-63.95	-13.00	50.95	Horizontal





7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.740000	-80.62	-13.00	67.62	Vertical
104.246667	-78.37	-13.00	65.37	Vertical
1669.500000	-60.26	-13.00	47.26	Vertical
2504.500000	-58.91	-13.00	45.91	Vertical
3339.300000	-63.97	-13.00	50.97	Vertical
6054.675000	-64.32	-13.00	51.32	Vertical
62.760000	-76.28	-13.00	63.28	Horizontal
104.340000	-80.38	-13.00	67.38	Horizontal
1669.500000	-62.52	-13.00	49.52	Horizontal
2504.500000	-59.22	-13.00	46.22	Horizontal
4364.512500	-65.91	-13.00	52.91	Horizontal
6022.012500	-64.29	-13.00	51.29	Horizontal

Remark:

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 had been displayed.

We have tested all modulation and all Bandwidth , but only the worst case data presented in this report.



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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



8. Frequency Stability

8.1. Frequency Vs Voltage

Voltage										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	15MHz	QPSK	26865	75RB#0	VL	NT	0.80	0.000962	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	VN	NT	1.20	0.001443	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	VH	NT	-0.80	-0.000962	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VL	NT	-2.00	-0.002391	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VN	NT	1.00	0.001195	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VH	NT	-0.50	-0.000598	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VL	NT	-1.50	-0.001783	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VN	NT	-2.30	-0.002733	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VH	NT	-0.80	-0.000951	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	VL	NT	-0.10	-0.000120	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	VN	NT	-1.70	-0.002044	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	VH	NT	1.40	0.001684	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VL	NT	1.70	0.002032	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VN	NT	0.20	0.000239	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VH	NT	0.80	0.000956	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VL	NT	-2.40	-0.002852	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VN	NT	-0.80	-0.000951	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VH	NT	0.50	0.000594	±2.5	PASS

8.2. Frequency Vs Temperature

Temperature										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	15MHz	QPSK	26865	75RB#0	NV	-30	-1.60	-0.001924	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	-20	-1.50	-0.001804	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	0	-1.00	-0.001203	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	10	0.30	0.000361	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	20	0.00	0.000000	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	30	0.20	0.000241	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	40	-2.30	-0.002766	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	50	-1.60	-0.001924	±2.5	PASS



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Band26	15MHz	QPSK	26915	75RB#0	NV	-30	-0.30	-0.000359	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	-20	-2.40	-0.002869	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	0	-2.80	-0.003347	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	10	-1.60	-0.001913	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	20	-2.20	-0.002630	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	30	-2.40	-0.002869	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	40	0.70	0.000837	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	50	0.20	0.000239	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	-30	-1.10	-0.001307	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	-20	-0.60	-0.000713	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	0	0.20	0.000238	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	10	-3.60	-0.004278	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	20	-0.80	-0.000951	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	30	-3.20	-0.003803	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	40	-1.90	-0.002258	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	50	-0.70	-0.000832	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	-30	-1.80	-0.002165	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	-20	-0.50	-0.000601	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	0	-1.50	-0.001804	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	10	2.50	0.003007	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	20	-1.40	-0.001684	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	30	-0.60	-0.000722	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	40	-0.80	-0.000962	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	50	-1.70	-0.002044	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	-20	0.00	0.000000	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	0	-2.80	-0.003347	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	10	0.80	0.000956	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	20	1.00	0.001195	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	30	0.00	0.000000	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	40	0.60	0.000717	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	50	0.50	0.000598	±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	1.50	0.001783	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	0	0.40	0.000475	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	10	-3.60	-0.004278	±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	-0.90	-0.001070	±2.5	PASS



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Band26	15MHz	16QAM	26965	75RB#0	NV	40	-2.10	-0.002496	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	50	-3.70	-0.004397	±2.5	PASS

The End



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