



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#2	23.50	19.95	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	23.56	20.01	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#0	23.53	19.98	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#0	23.62	20.07	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#1	23.91	20.36	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#3	23.71	20.16	38.45	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	22.75	19.20	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#2	23.34	19.79	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#5	23.60	20.05	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	23.49	19.94	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#0	23.55	20.00	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#1	23.78	20.23	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#3	23.59	20.04	38.45	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	22.66	19.11	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	23.52	19.97	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	23.25	19.70	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#2	23.51	19.96	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#0	23.68	20.13	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#1	23.49	19.94	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#3	23.53	19.98	38.45	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	22.67	19.12	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	22.44	18.89	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	22.16	18.61	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#2	22.16	18.61	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#3	22.91	19.36	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#0	22.80	19.25	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#1	23.06	19.51	38.45	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	21.76	18.21	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#2	22.62	19.07	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	21.99	18.44	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#5	22.01	18.46	38.45	PASS
Band26	1.4MHz	16QAM	26915	3RB#3	22.74	19.19	38.45	PASS
Band26	1.4MHz	16QAM	26915	3RB#0	22.83	19.28	38.45	PASS
Band26	1.4MHz	16QAM	26915	3RB#1	22.70	19.15	38.45	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	21.67	18.12	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	21.95	18.40	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#2	22.26	18.71	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	22.17	18.62	38.45	PASS



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Band26	1.4MHz	16QAM	27033	3RB#1	22.71	19.16	38.45	PASS
Band26	1.4MHz	16QAM	27033	3RB#0	22.67	19.12	38.45	PASS
Band26	1.4MHz	16QAM	27033	3RB#3	22.80	19.25	38.45	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	21.71	18.16	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#8	23.41	19.86	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#14	23.28	19.73	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#0	23.69	20.14	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#4	22.72	19.17	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#0	22.78	19.23	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#7	22.74	19.19	38.45	PASS
Band26	3MHz	QPSK	26805	15RB#0	22.81	19.26	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#14	23.50	19.95	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#8	23.73	20.18	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#0	23.49	19.94	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#4	22.75	19.20	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#7	22.66	19.11	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#0	22.63	19.08	38.45	PASS
Band26	3MHz	QPSK	26915	15RB#0	22.72	19.17	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#8	23.71	20.16	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#14	23.26	19.71	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#0	23.27	19.72	38.45	PASS
Band26	3MHz	QPSK	27025	8RB#7	22.69	19.14	38.45	PASS
Band26	3MHz	QPSK	27025	8RB#4	22.61	19.06	38.45	PASS
Band26	3MHz	QPSK	27025	8RB#0	22.46	18.91	38.45	PASS
Band26	3MHz	QPSK	27025	15RB#0	22.56	19.01	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#14	22.59	19.04	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#8	22.21	18.66	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#0	22.28	18.73	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#4	21.57	18.02	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#0	21.47	17.92	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#7	21.64	18.09	38.45	PASS
Band26	3MHz	16QAM	26805	15RB#0	21.78	18.23	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#8	21.98	18.43	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#14	22.15	18.60	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#0	22.49	18.94	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#7	21.41	17.86	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#4	21.50	17.95	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#0	21.61	18.06	38.45	PASS
Band26	3MHz	16QAM	26915	15RB#0	21.73	18.18	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#0	21.90	18.35	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#8	22.09	18.54	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#14	22.49	18.94	38.45	PASS
Band26	3MHz	16QAM	27025	8RB#7	21.55	18.00	38.45	PASS
Band26	3MHz	16QAM	27025	8RB#4	21.48	17.93	38.45	PASS
Band26	3MHz	16QAM	27025	8RB#0	21.37	17.82	38.45	PASS
Band26	3MHz	16QAM	27025	15RB#0	21.64	18.09	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#0	23.44	19.89	38.45	PASS



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Band26	5MHz	QPSK	26815	1RB#24	23.15	19.60	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#12	23.53	19.98	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#0	22.86	19.31	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#13	22.54	18.99	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#6	22.73	19.18	38.45	PASS
Band26	5MHz	QPSK	26815	25RB#0	22.73	19.18	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#24	23.21	19.66	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#0	23.38	19.83	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#12	23.75	20.20	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#0	22.56	19.01	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#13	22.63	19.08	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#6	22.72	19.17	38.45	PASS
Band26	5MHz	QPSK	26915	25RB#0	22.58	19.03	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#24	23.44	19.89	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#12	23.84	20.29	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#0	23.16	19.61	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#6	22.70	19.15	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#0	22.48	18.93	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#13	22.65	19.10	38.45	PASS
Band26	5MHz	QPSK	27015	25RB#0	22.55	19.00	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#24	22.03	18.48	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#0	22.12	18.57	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#12	22.48	18.93	38.45	PASS
Band26	5MHz	16QAM	26815	12RB#6	21.74	18.19	38.45	PASS
Band26	5MHz	16QAM	26815	12RB#0	21.76	18.21	38.45	PASS
Band26	5MHz	16QAM	26815	12RB#13	21.63	18.08	38.45	PASS
Band26	5MHz	16QAM	26815	25RB#0	21.74	18.19	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#12	22.48	18.93	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#24	22.01	18.46	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#0	21.94	18.39	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#6	21.67	18.12	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#13	21.45	17.90	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#0	21.72	18.17	38.45	PASS
Band26	5MHz	16QAM	26915	25RB#0	21.56	18.01	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#0	22.02	18.47	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#12	21.74	18.19	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#24	21.84	18.29	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#0	21.60	18.05	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#6	21.43	17.88	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#13	21.53	17.98	38.45	PASS
Band26	5MHz	16QAM	27015	25RB#0	21.74	18.19	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#24	23.86	20.31	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#49	23.15	19.60	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#0	23.60	20.05	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#25	22.51	18.96	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#12	22.70	19.15	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#0	22.97	19.42	38.45	PASS



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Band26	10MHz	QPSK	26840	50RB#0	22.79	19.24	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#0	23.30	19.75	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#24	24.32	20.77	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#49	23.13	19.58	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#0	22.76	19.21	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#25	22.59	19.04	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#12	22.93	19.38	38.45	PASS
Band26	10MHz	QPSK	26915	50RB#0	22.62	19.07	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#49	23.49	19.94	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#24	24.22	20.67	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#0	23.22	19.67	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#25	22.66	19.11	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#0	22.61	19.06	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#12	22.91	19.36	38.45	PASS
Band26	10MHz	QPSK	26990	50RB#0	22.59	19.04	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#0	22.58	19.03	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#24	22.37	18.82	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#49	22.10	18.55	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#0	21.87	18.32	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#25	21.80	18.25	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#12	21.89	18.34	38.45	PASS
Band26	10MHz	16QAM	26840	50RB#0	21.83	18.28	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#24	22.15	18.60	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#0	22.24	18.69	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#49	22.52	18.97	38.45	PASS
Band26	10MHz	16QAM	26915	25RB#0	21.87	18.32	38.45	PASS
Band26	10MHz	16QAM	26915	25RB#12	21.64	18.09	38.45	PASS
Band26	10MHz	16QAM	26915	25RB#25	21.56	18.01	38.45	PASS
Band26	10MHz	16QAM	26915	50RB#0	21.72	18.17	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#24	22.09	18.54	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#0	22.17	18.62	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#49	22.09	18.54	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#12	21.70	18.15	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#0	21.71	18.16	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#25	21.66	18.11	38.45	PASS
Band26	10MHz	16QAM	26990	50RB#0	21.51	17.96	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#74	23.28	19.73	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#0	23.71	20.16	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#38	23.60	20.05	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#0	22.75	19.20	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#18	22.74	19.19	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#39	22.63	19.08	38.45	PASS
Band26	15MHz	QPSK	26865	75RB#0	22.71	19.16	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#74	22.94	19.39	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#38	24.21	20.66	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#0	23.30	19.75	38.45	PASS
Band26	15MHz	QPSK	26915	36RB#39	22.54	18.99	38.45	PASS



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Band26	15MHz	QPSK	26915	36RB#0	22.73	19.18	38.45	PASS
Band26	15MHz	QPSK	26915	36RB#18	22.94	19.39	38.45	PASS
Band26	15MHz	QPSK	26915	75RB#0	22.67	19.12	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#74	23.26	19.71	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#38	24.02	20.47	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#0	23.32	19.77	38.45	PASS
Band26	15MHz	QPSK	26965	36RB#18	22.82	19.27	38.45	PASS
Band26	15MHz	QPSK	26965	36RB#39	22.63	19.08	38.45	PASS
Band26	15MHz	QPSK	26965	36RB#0	22.63	19.08	38.45	PASS
Band26	15MHz	QPSK	26965	75RB#0	22.64	19.09	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#0	22.69	19.14	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#74	22.28	18.73	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#38	22.34	18.79	38.45	PASS
Band26	15MHz	16QAM	26865	36RB#0	21.73	18.18	38.45	PASS
Band26	15MHz	16QAM	26865	36RB#18	21.72	18.17	38.45	PASS
Band26	15MHz	16QAM	26865	36RB#39	21.74	18.19	38.45	PASS
Band26	15MHz	16QAM	26865	75RB#0	21.83	18.28	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#0	22.64	19.09	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#38	22.51	18.96	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#74	22.47	18.92	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#18	21.70	18.15	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#0	21.69	18.14	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#39	21.59	18.04	38.45	PASS
Band26	15MHz	16QAM	26915	75RB#0	21.66	18.11	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#0	21.99	18.44	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#38	22.27	18.72	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#74	21.96	18.41	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#0	21.55	18.00	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#18	21.64	18.09	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#39	21.63	18.08	38.45	PASS
Band26	15MHz	16QAM	26965	75RB#0	21.65	18.10	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 [dBi]

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



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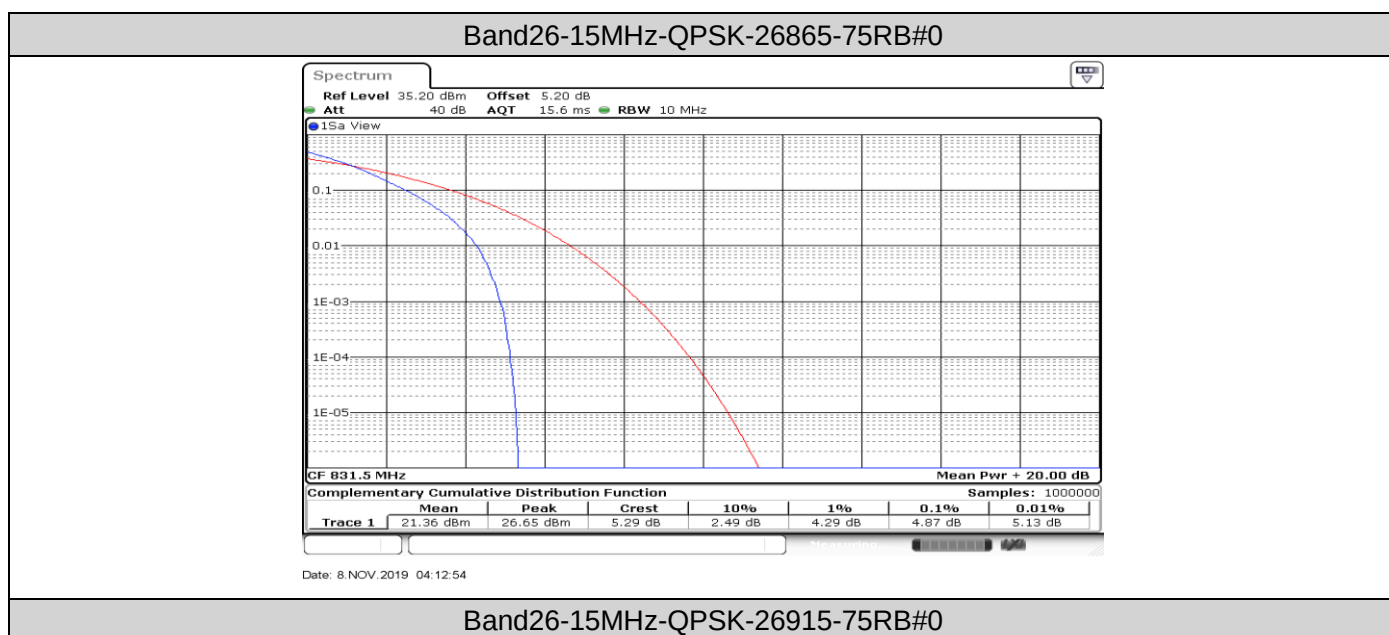


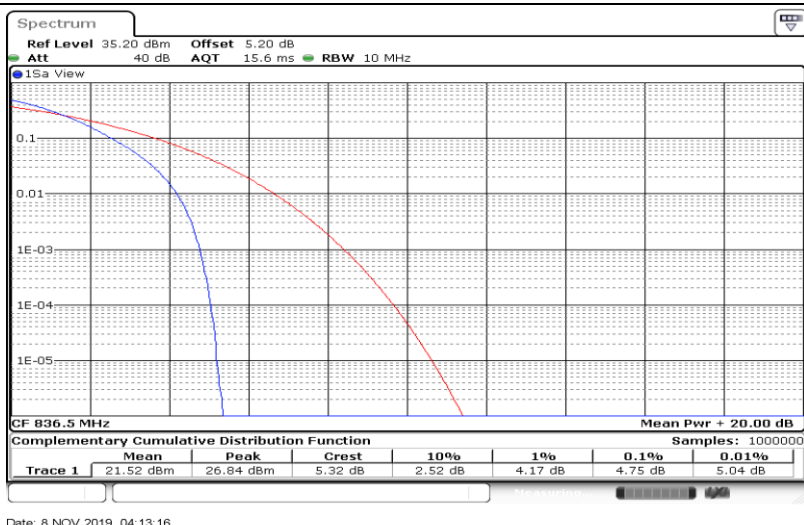
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

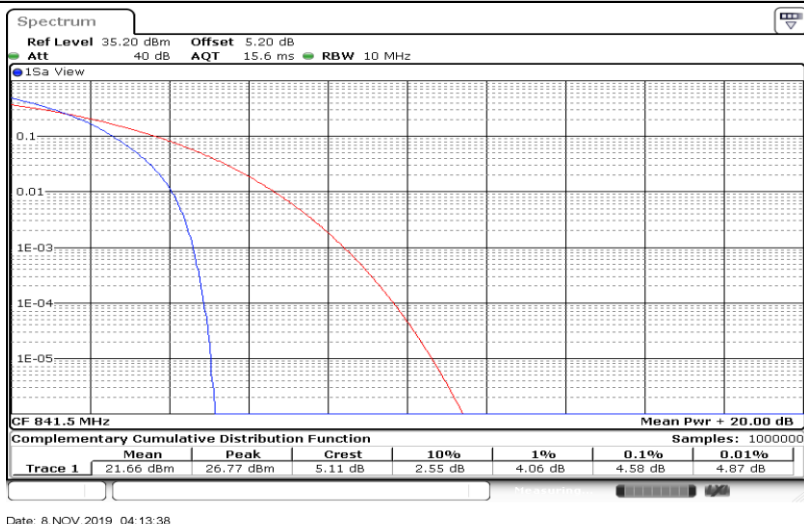
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	15MHz	QPSK	26865	75RB#0	4.87	13	PASS
Band26	15MHz	QPSK	26915	75RB#0	4.75	13	PASS
Band26	15MHz	QPSK	26965	75RB#0	4.58	13	PASS
Band26	15MHz	16QAM	26865	75RB#0	6.03	13	PASS
Band26	15MHz	16QAM	26915	75RB#0	6.09	13	PASS
Band26	15MHz	16QAM	26965	75RB#0	6.00	13	PASS

2.2. Test Plots



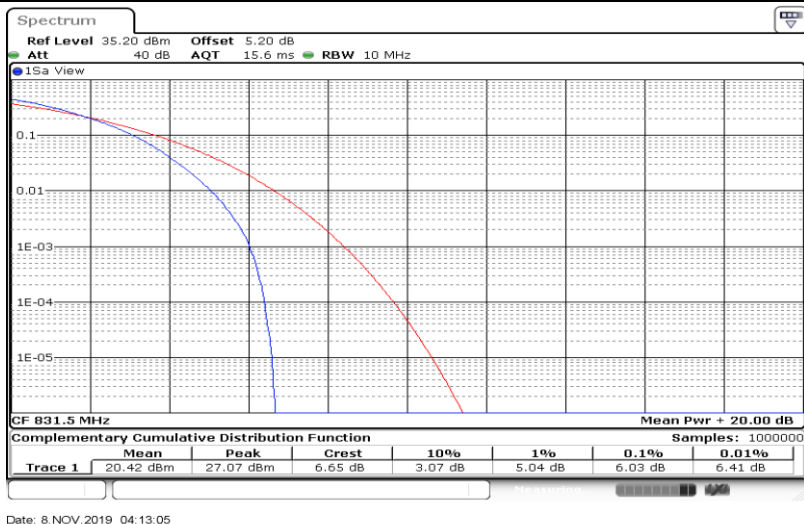


Band26-15MHz-QPSK-26965-75RB#0

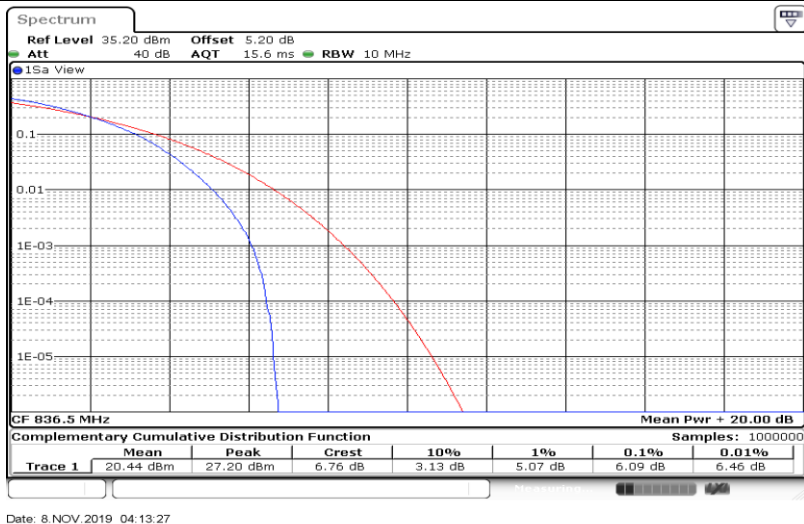


Band26-15MHz-16QAM-26865-75RB#0



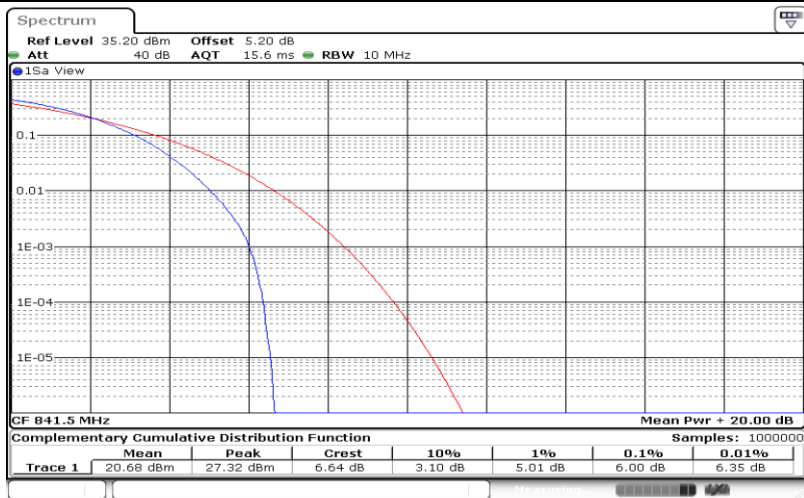


Band26-15MHz-16QAM-26915-75RB#0



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





Date: 8 NOV.2019 04:13:49



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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 15MHz

3.1.1. Test Channel = MCH

3.2. Test Mode = LTE /TM2 15MHz

3.2.1. 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	1.091	1.287	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.094	1.284	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	1.091	1.287	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	1.091	1.284	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.091	1.293	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	2.970	PASS
Band26	3MHz	QPSK	27025	15RB#0	2.697	2.994	PASS
Band26	3MHz	16QAM	26805	15RB#0	2.685	2.976	PASS
Band26	3MHz	16QAM	26915	15RB#0	2.685	2.958	PASS
Band26	3MHz	16QAM	27025	15RB#0	2.685	2.970	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.476	4.930	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.476	4.930	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.476	4.930	PASS
Band26	5MHz	16QAM	26815	25RB#0	4.466	4.930	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.486	4.920	PASS
Band26	5MHz	16QAM	27015	25RB#0	4.496	4.960	PASS
Band26	10MHz	QPSK	26840	50RB#0	8.931	9.720	PASS
Band26	10MHz	QPSK	26915	50RB#0	8.911	9.740	PASS
Band26	10MHz	QPSK	26990	50RB#0	8.931	9.700	PASS
Band26	10MHz	16QAM	26840	50RB#0	8.931	9.740	PASS
Band26	10MHz	16QAM	26915	50RB#0	8.931	9.740	PASS
Band26	10MHz	16QAM	26990	50RB#0	8.931	9.680	PASS
Band26	15MHz	QPSK	26865	75RB#0	13.487	14.760	PASS
Band26	15MHz	QPSK	26915	75RB#0	13.457	14.730	PASS
Band26	15MHz	QPSK	26965	75RB#0	13.427	14.730	PASS
Band26	15MHz	16QAM	26865	75RB#0	13.487	14.790	PASS
Band26	15MHz	16QAM	26915	75RB#0	13.457	14.730	PASS
Band26	15MHz	16QAM	26965	75RB#0	13.397	14.760	PASS



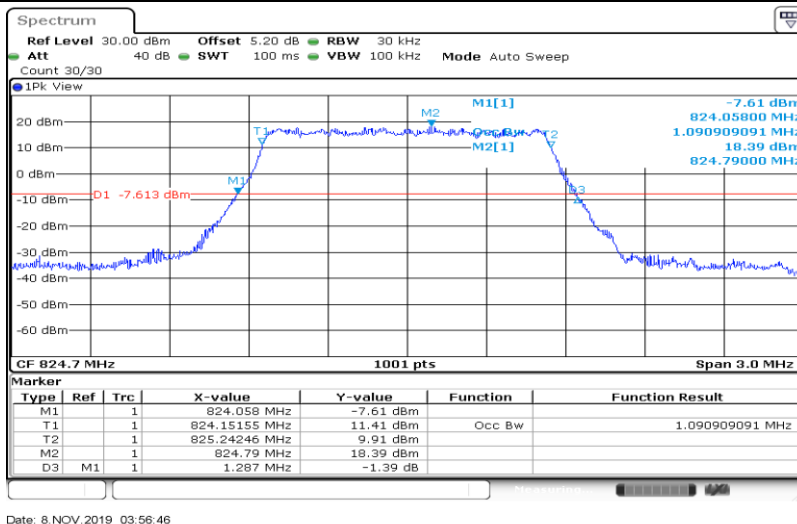
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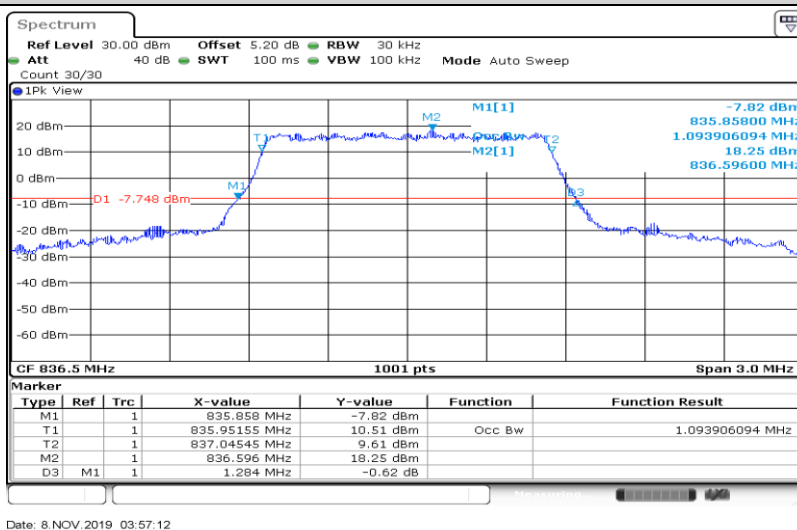


4.2. Test Plots

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



Band26-1.4MHz-QPSK-26915-6RB#0-1.094

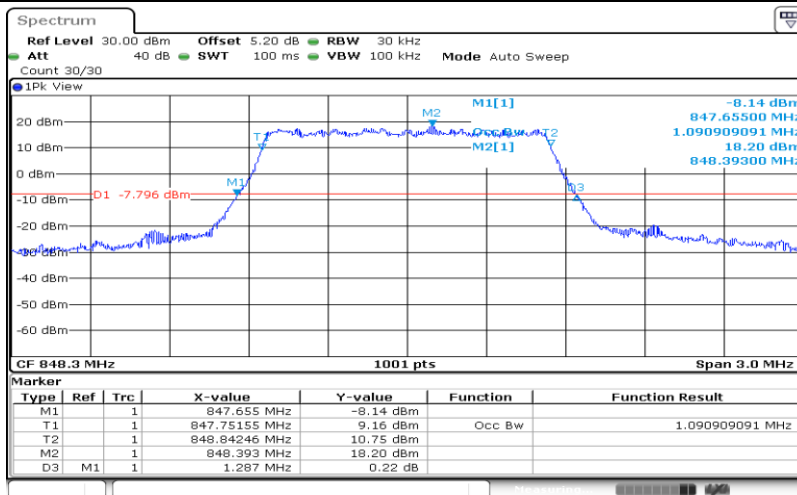


Band26-1.4MHz-QPSK-27033-6RB#0-1.091



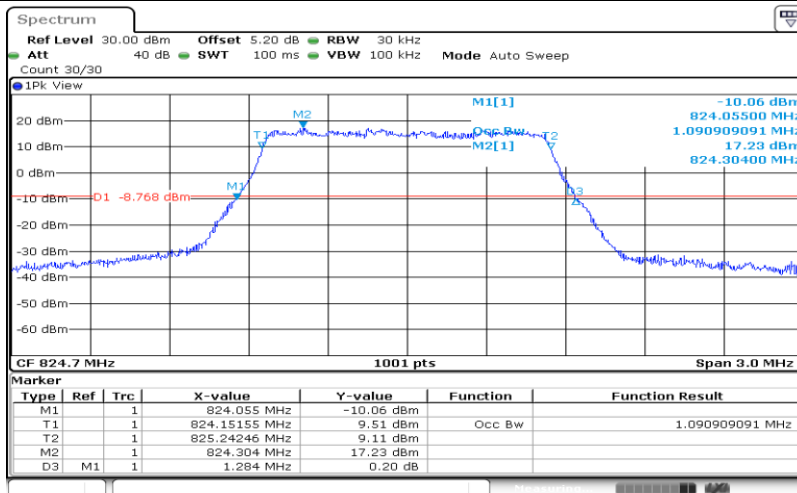
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Date: 8 NOV. 2019 03:57:37

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



Date: 8 NOV. 2019 03:56:59

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

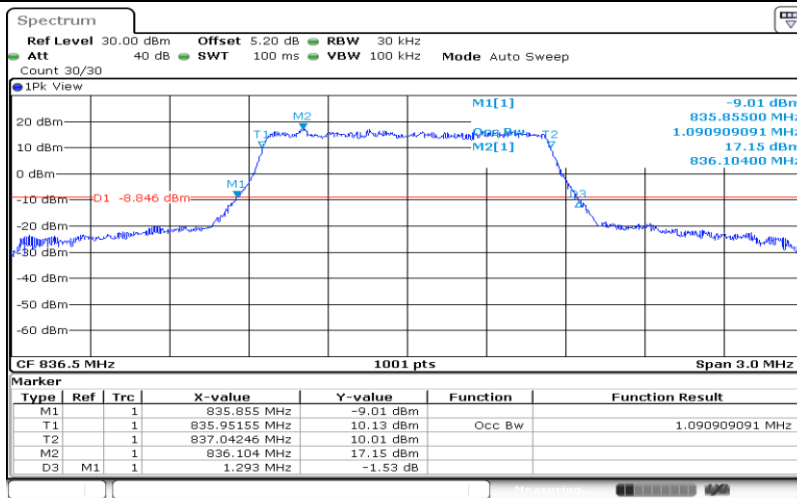


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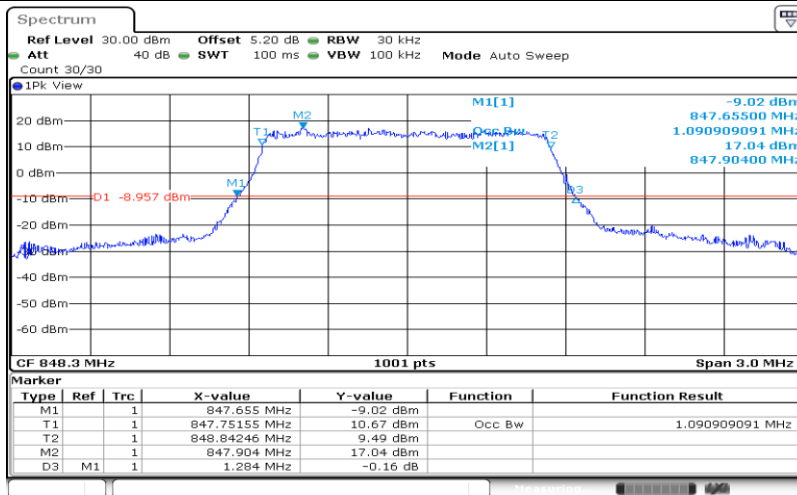
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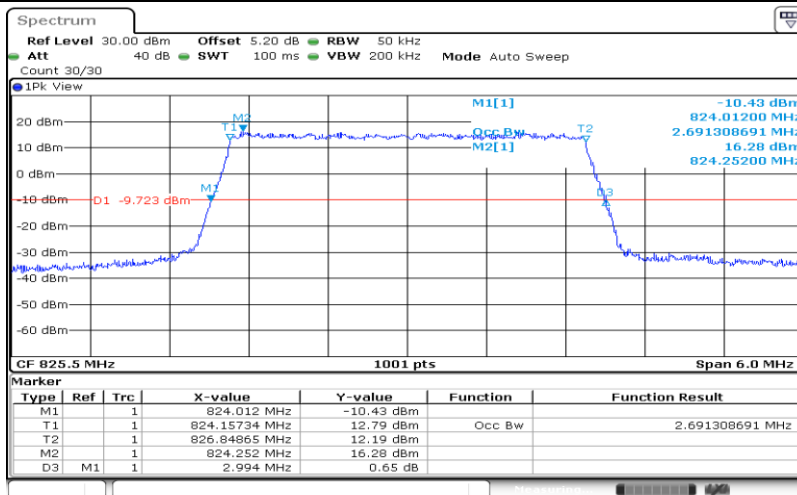
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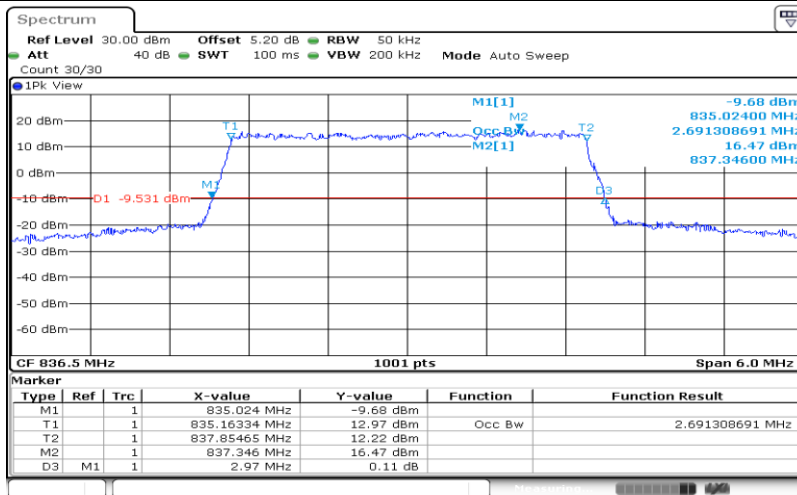
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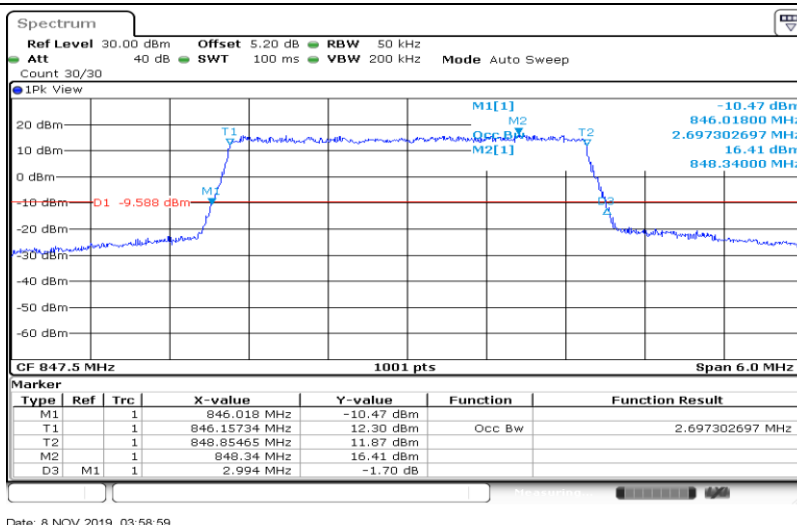
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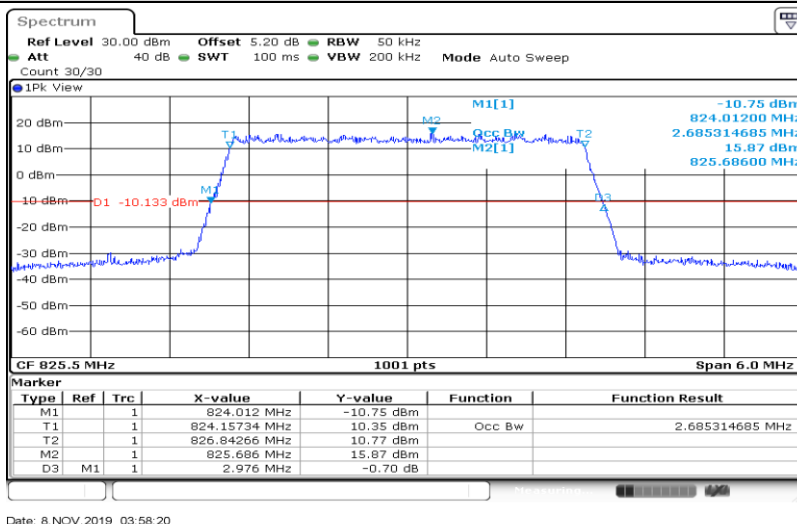
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Band26-3MHz-QPSK-27025-15RB#0-2.697





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



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

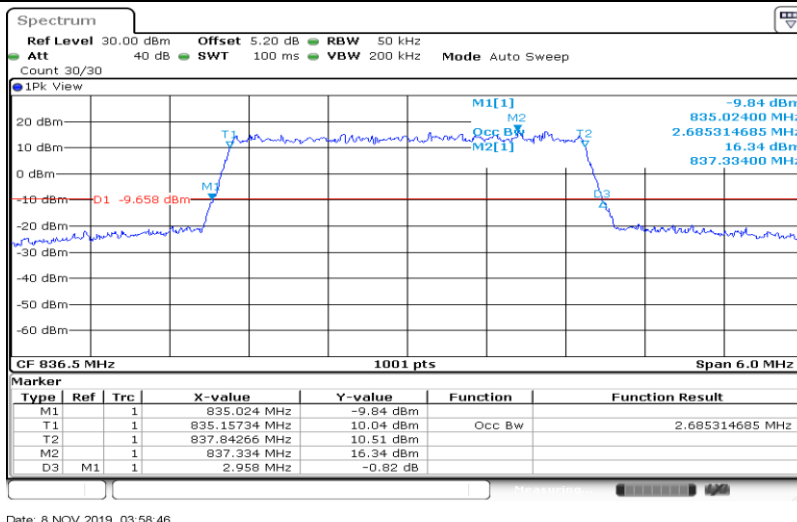


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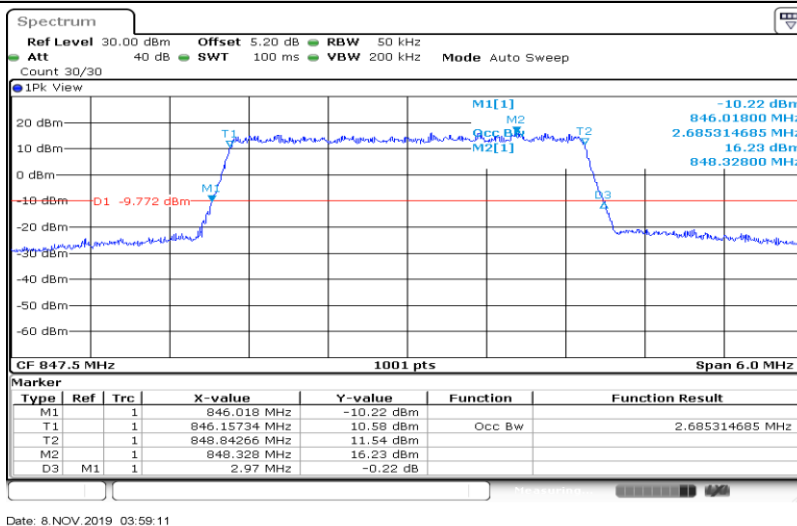
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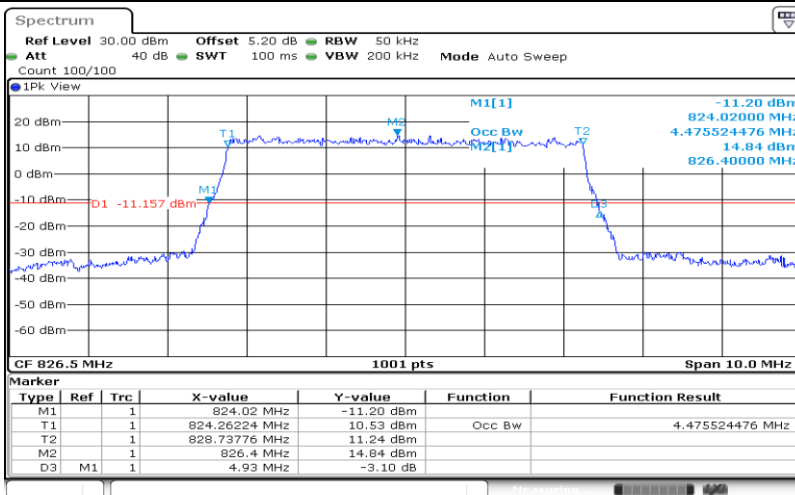


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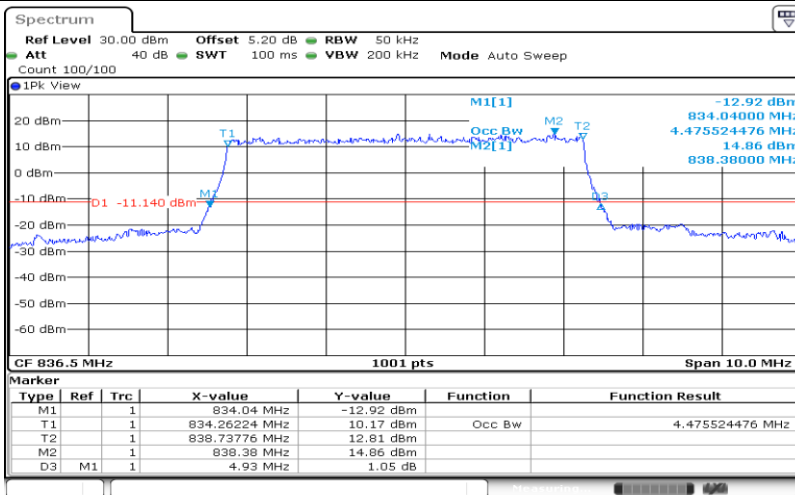
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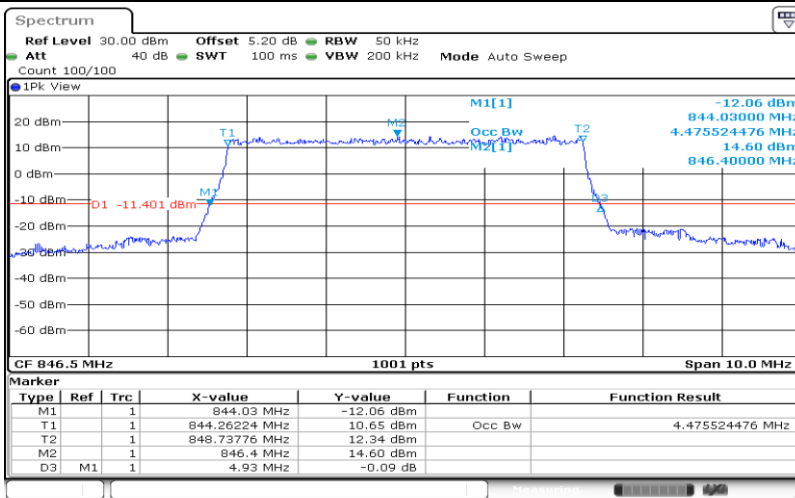
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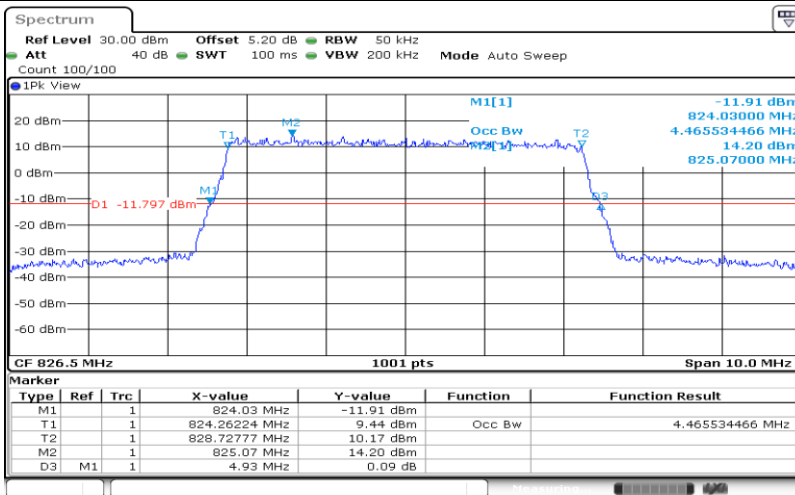
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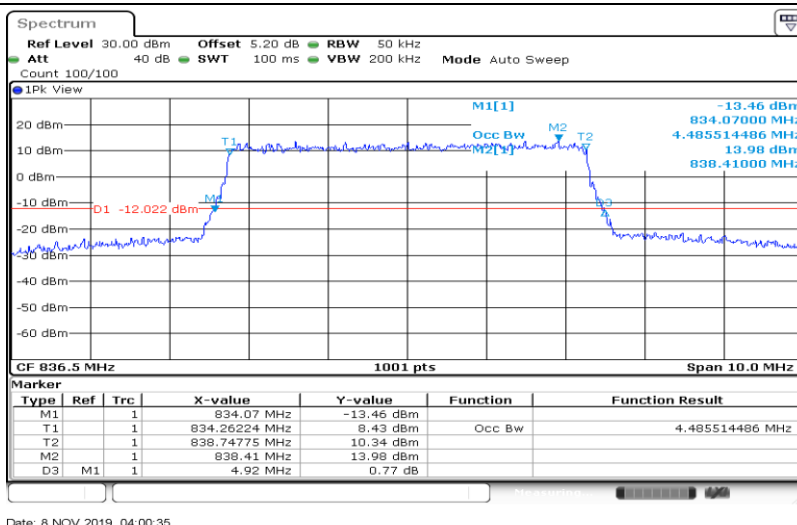
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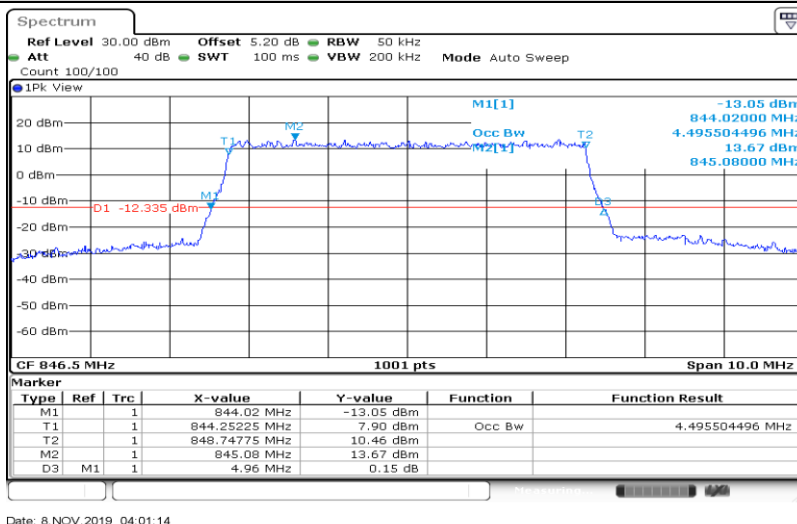
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Band26-5MHz-16QAM-27015-25RB#0-4.496

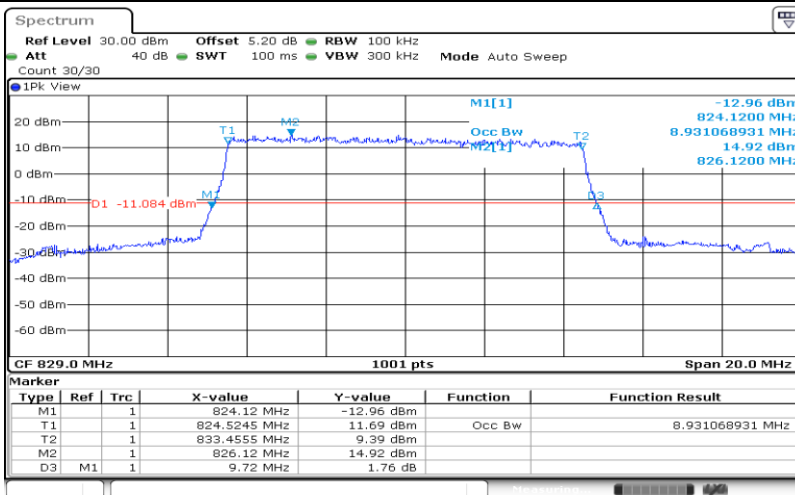


Band26-10MHz-QPSK-26840-50RB#0-8.931



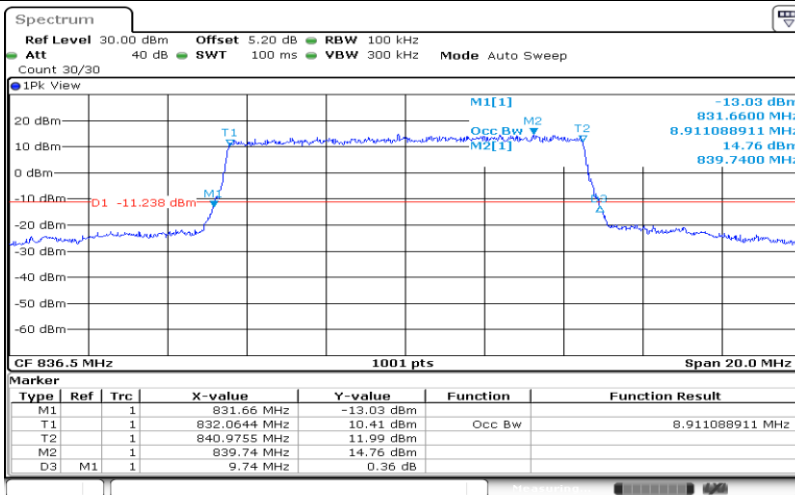
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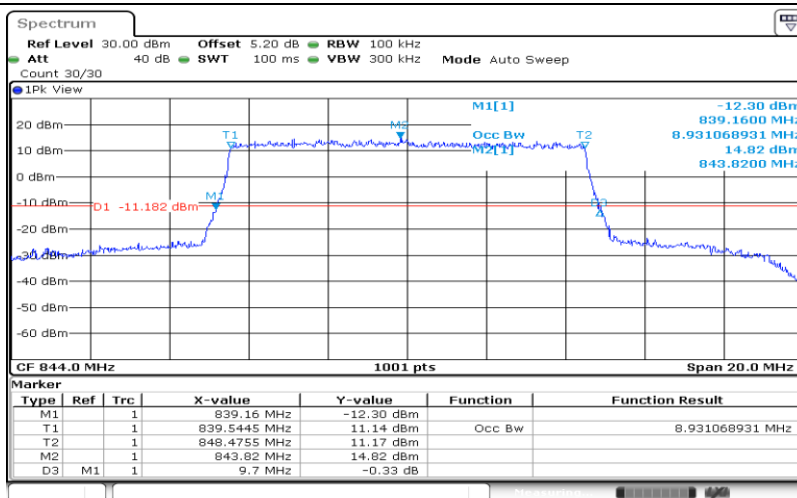
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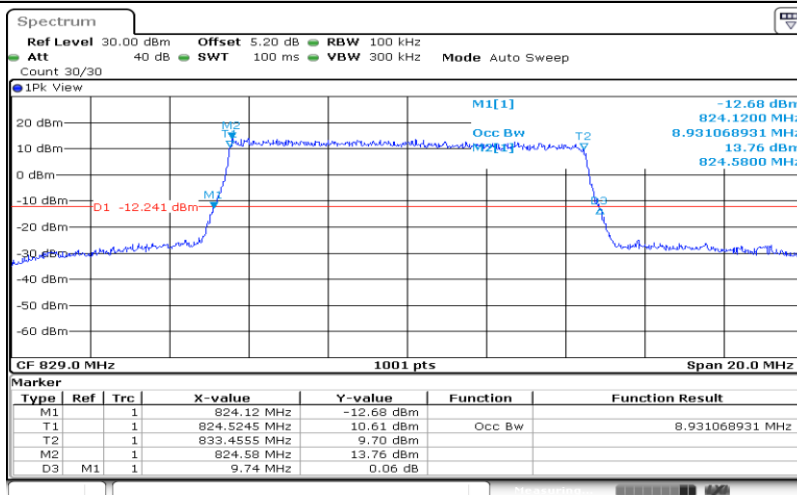
Band26-10MHz-QPSK-26990-50RB#0-8.931





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Band26-10MHz-16QAM-26840-50RB#0-8.931



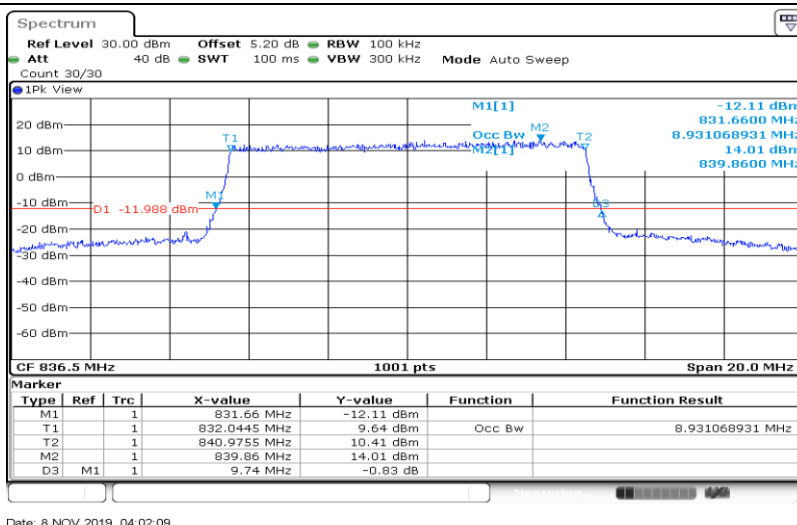
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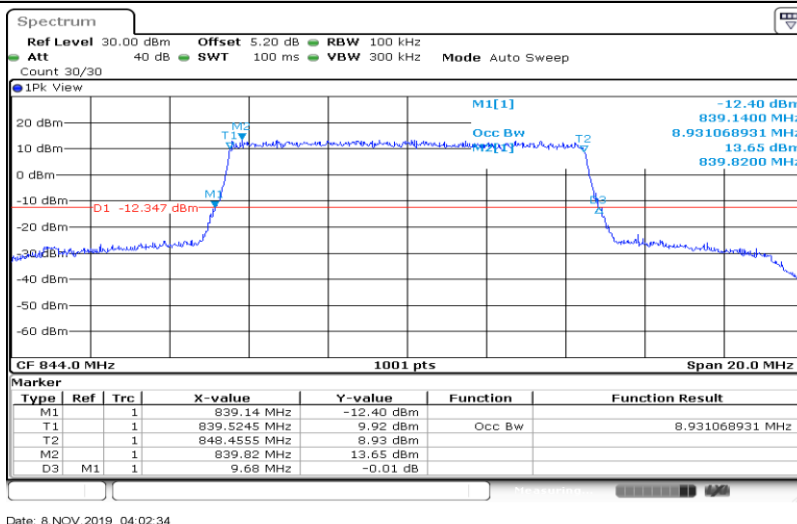


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Band26-10MHz-16QAM-26990-50RB#0-8.931



Band26-15MHz-QPSK-26865-75RB#0-13.487

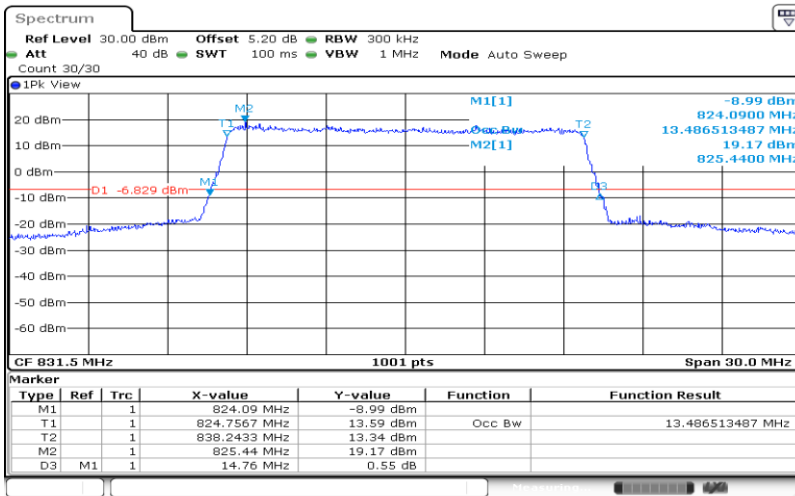


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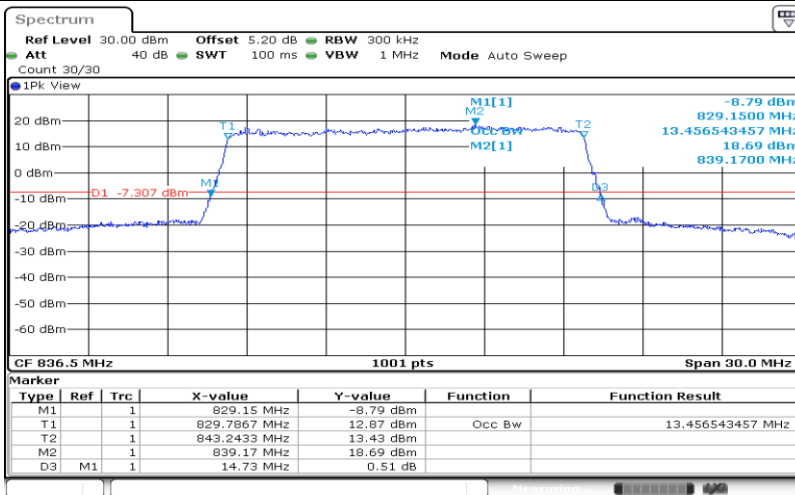
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Date: 8 NOV. 2019 04:02:51

Band26-15MHz-QPSK-26915-75RB#0-13.457



Date: 8 NOV. 2019 04:03:17

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



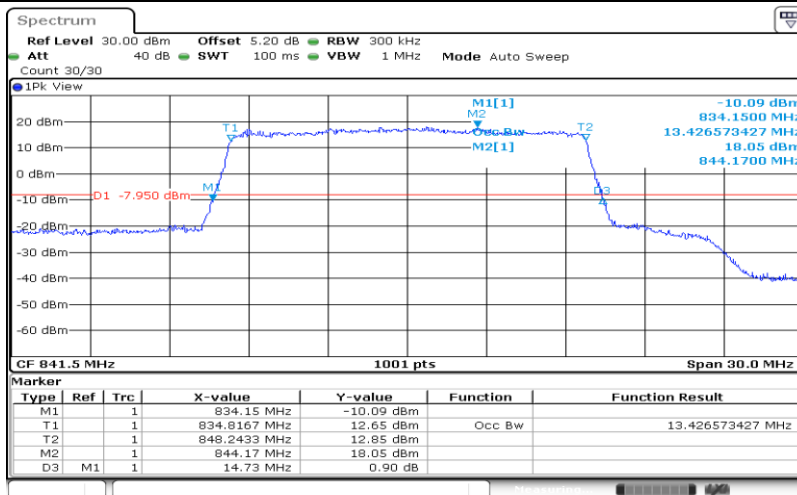
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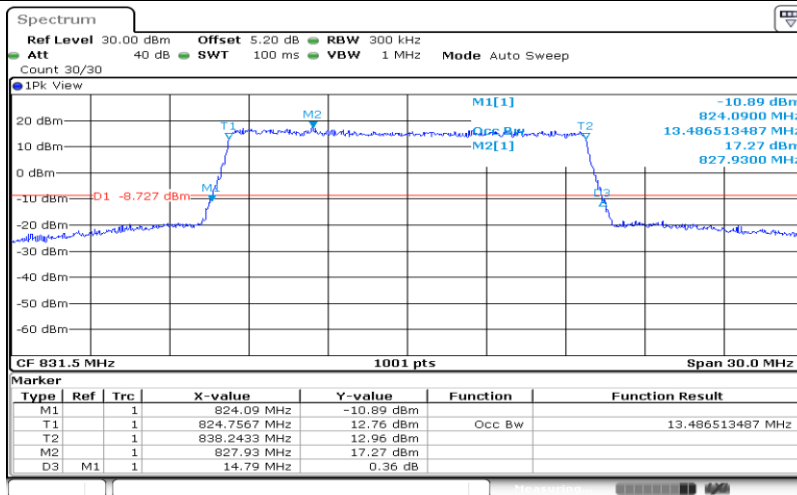
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Date: 8 NOV. 2019 04:03:42

Band26-15MHz-16QAM-26865-75RB#0-13.487



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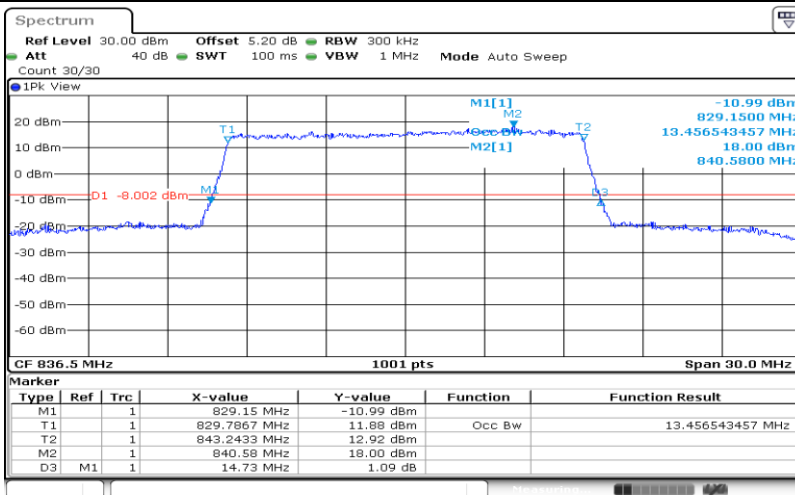
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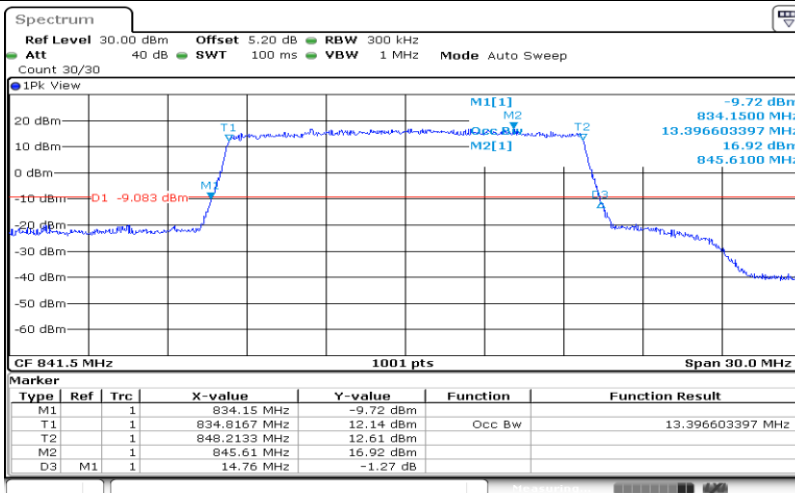
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Band26-15MHz-16QAM-26965-75RB#0-13.397

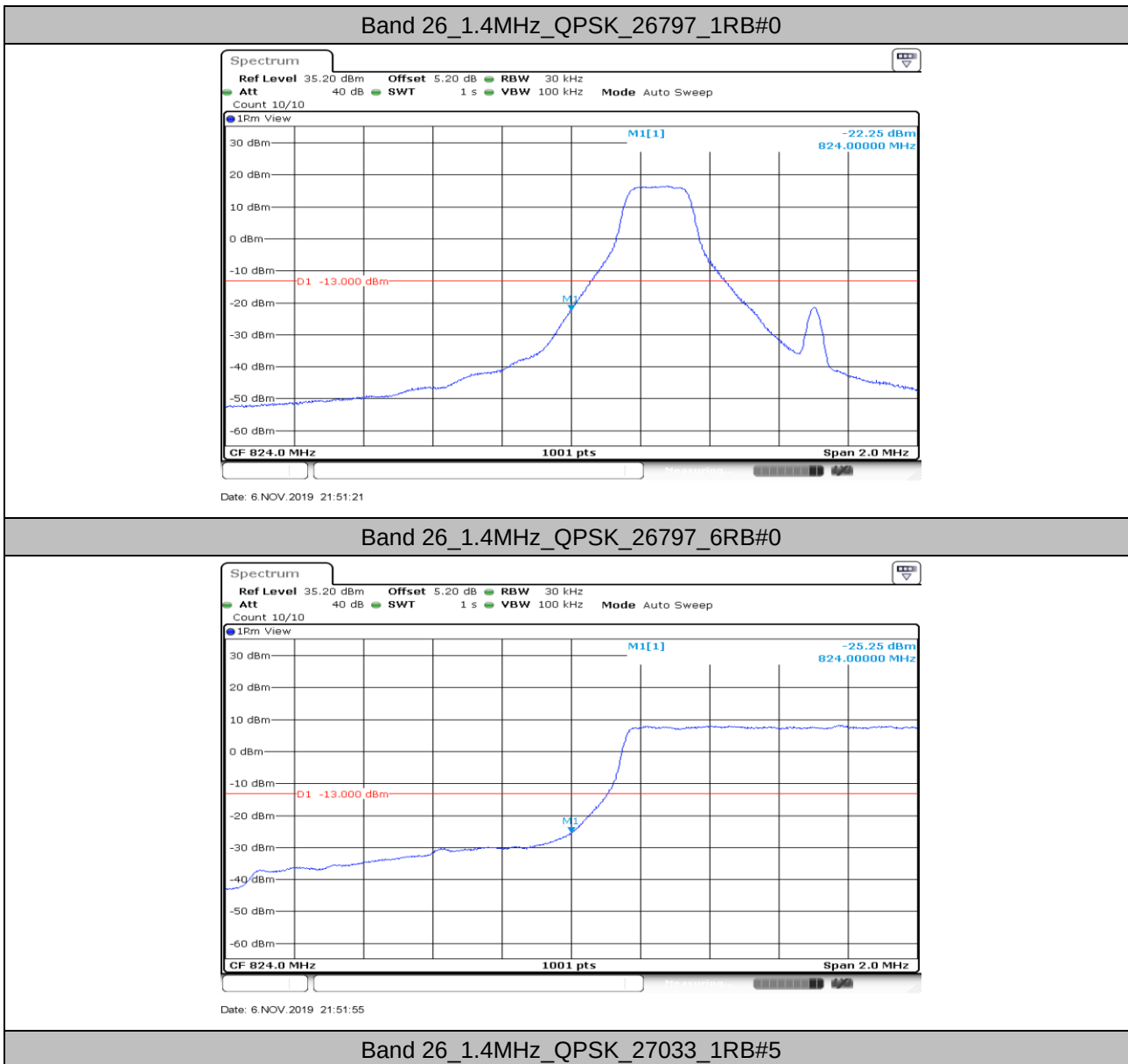


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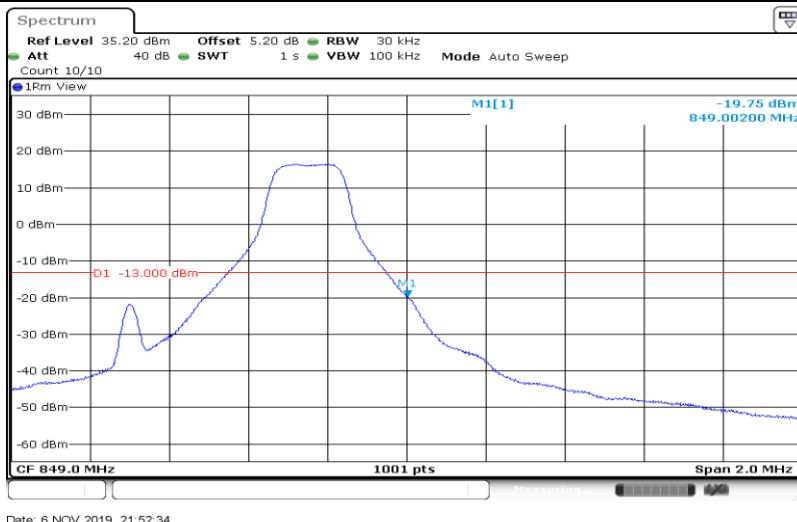
5. Band Edge Compliance

5.1. Test Plots

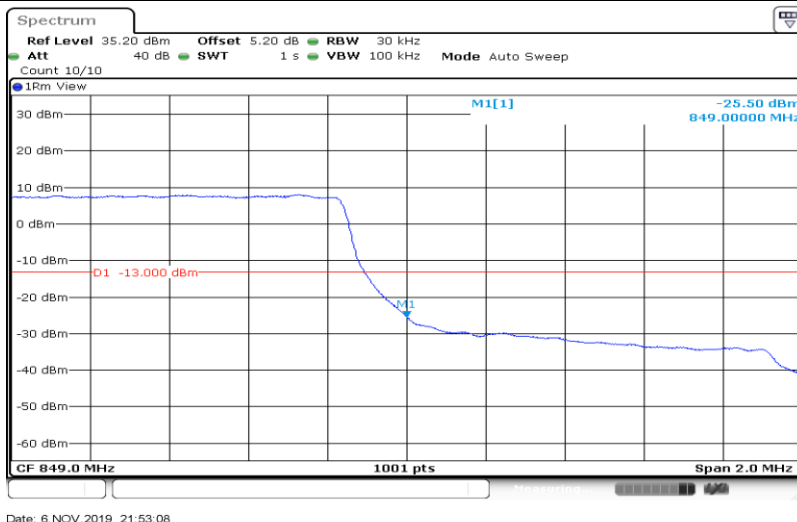


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Band 26_1.4MHz_QPSK_27033_6RB#0

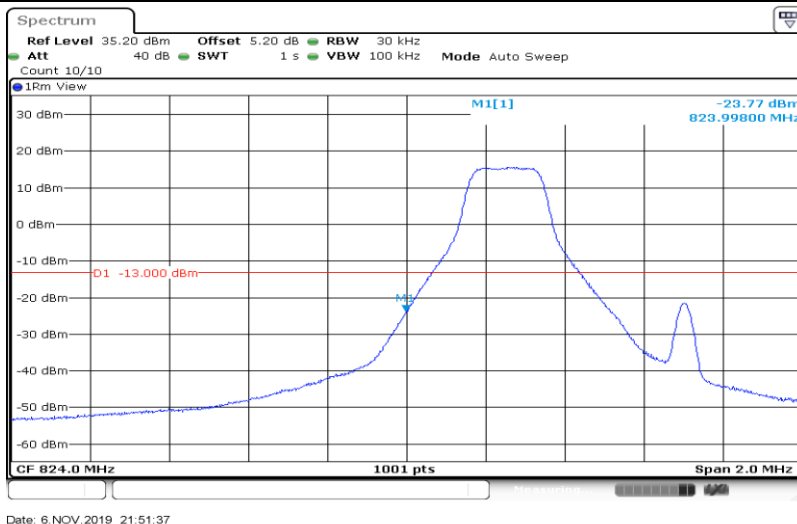


Band 26_1.4MHz_16QAM_26797_1RB#0

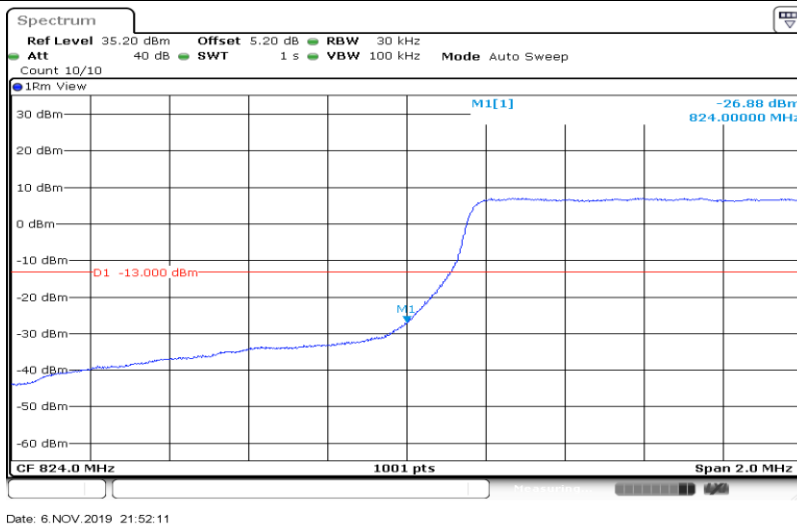


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Band 26_1.4MHz_16QAM_26797_6RB#0

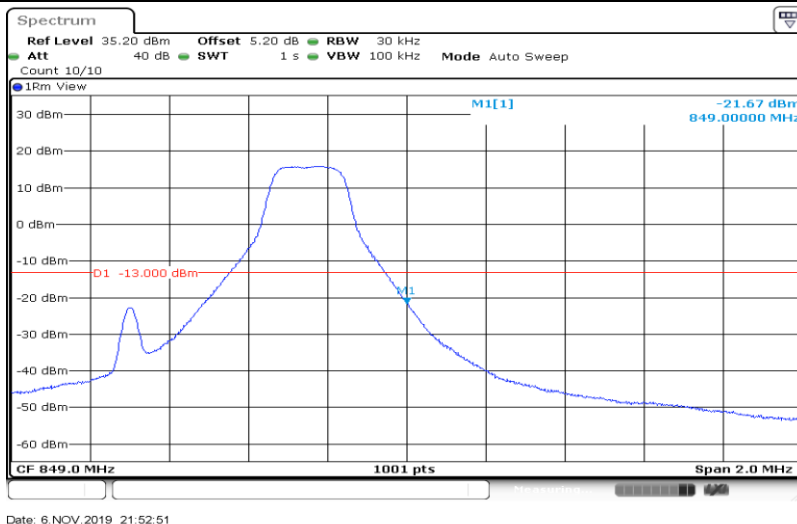


Band 26_1.4MHz_16QAM_27033_1RB#5



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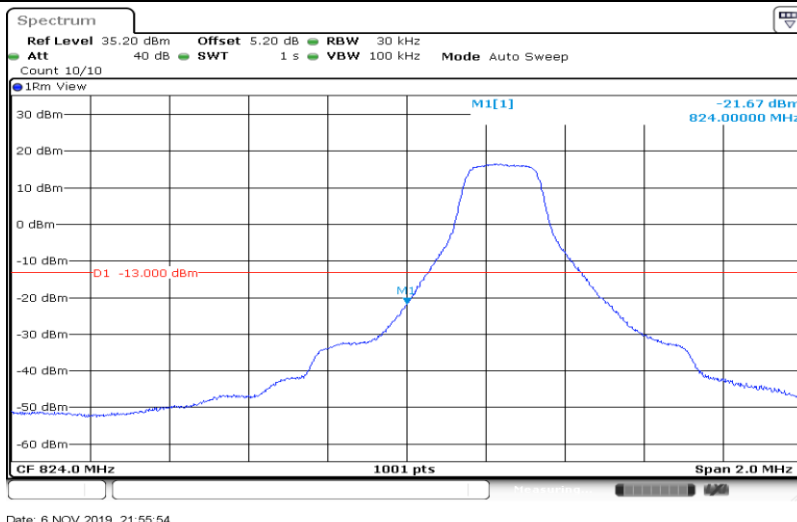


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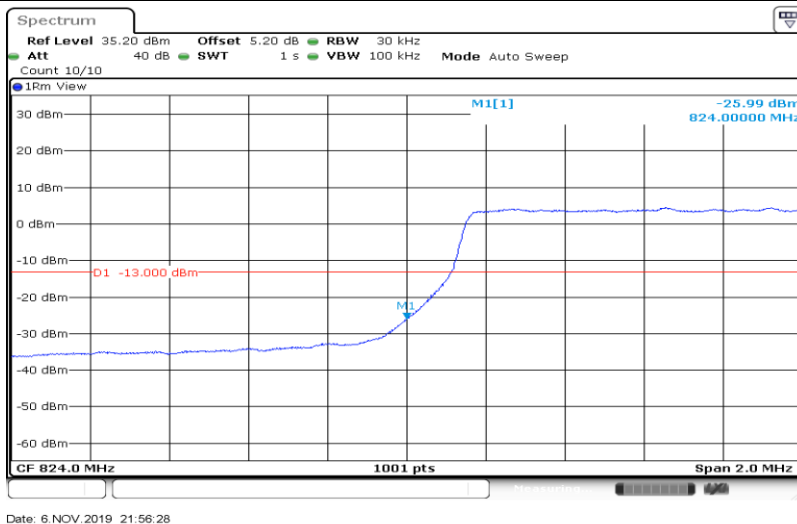


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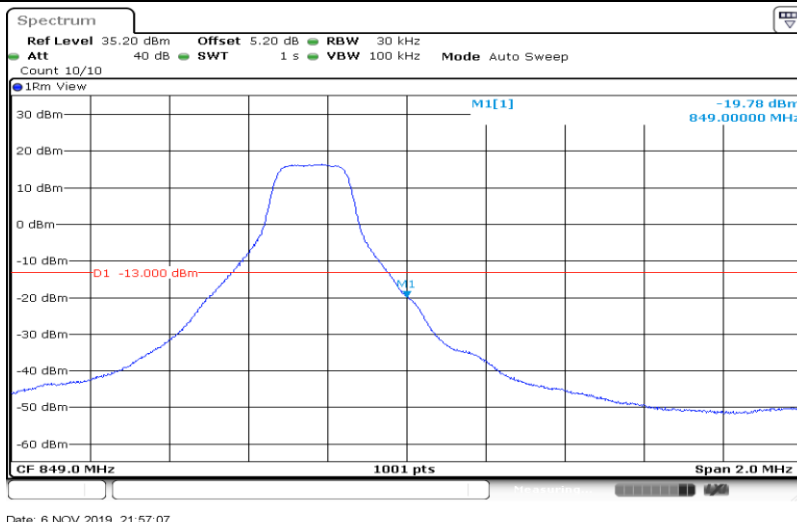


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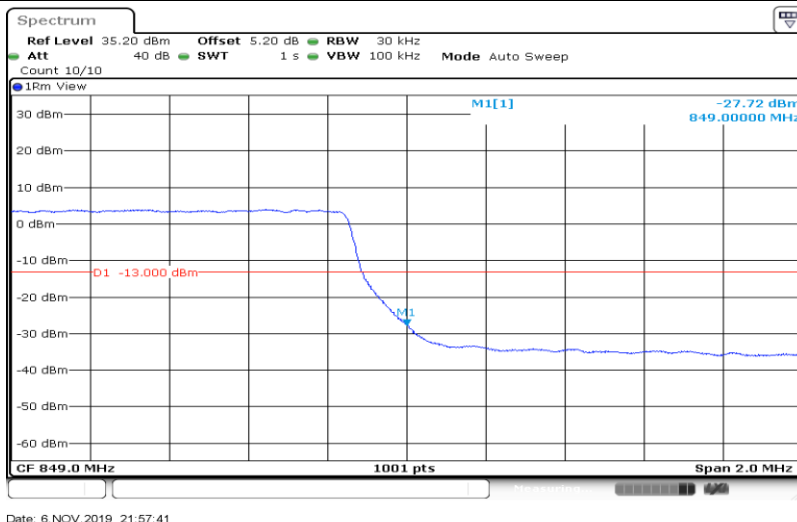


Band 26_3MHz_QPSK_27025_1RB#14





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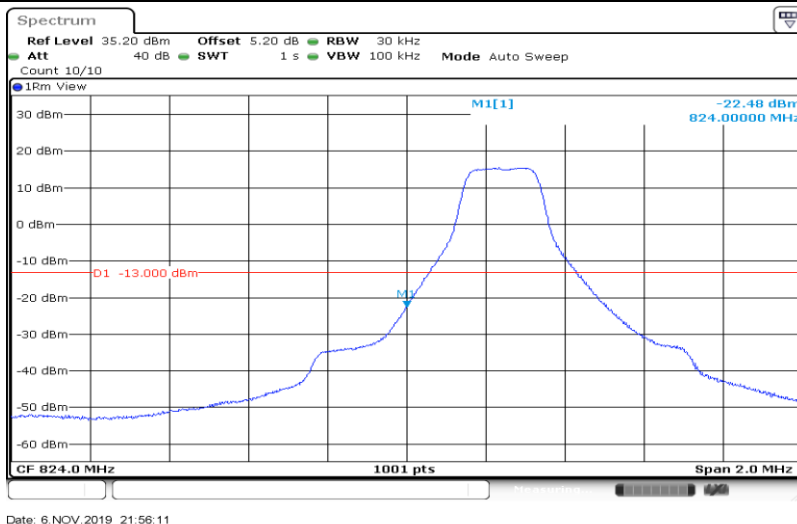
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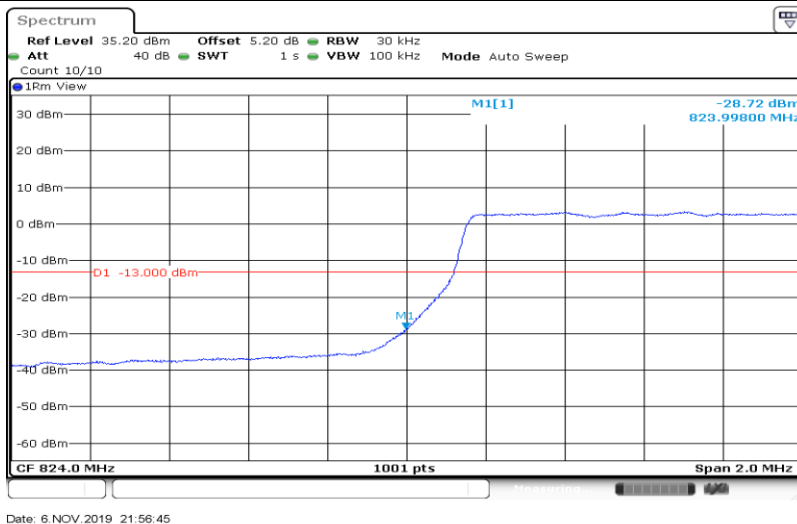
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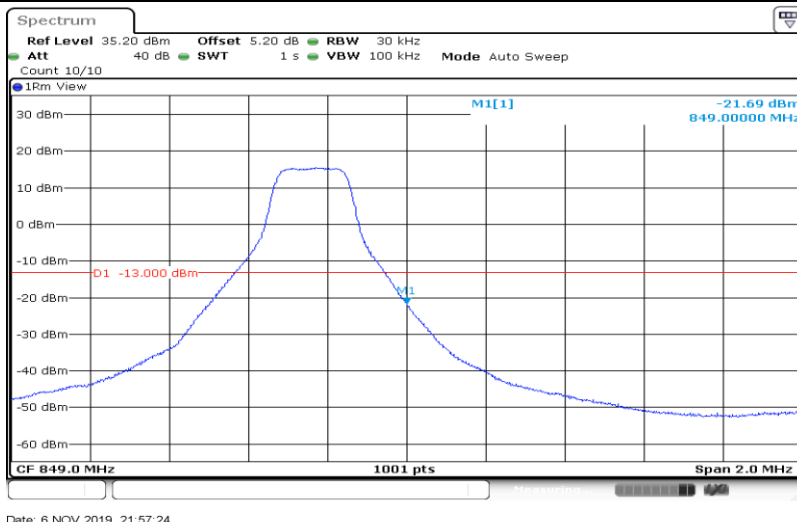


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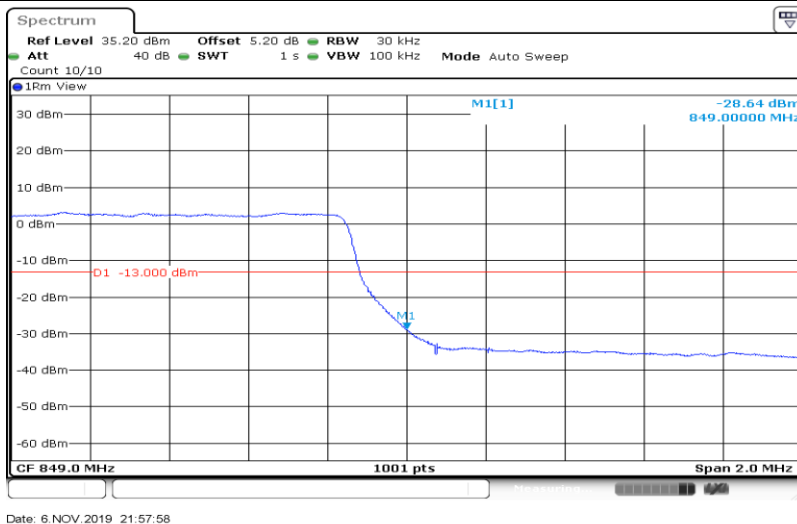


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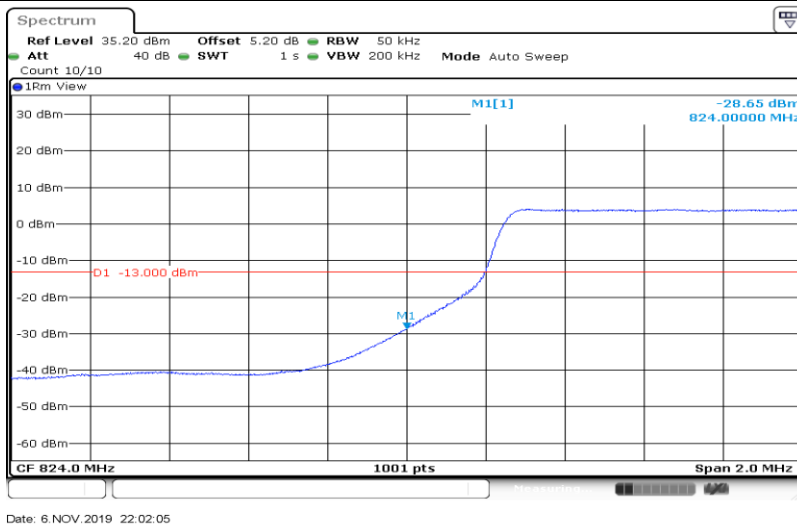


Band 26_5MHz_QPSK_26815_1RB#0





Band 26_5MHz_QPSK_26815_25RB#0



Band 26_5MHz_QPSK_27015_1RB#24



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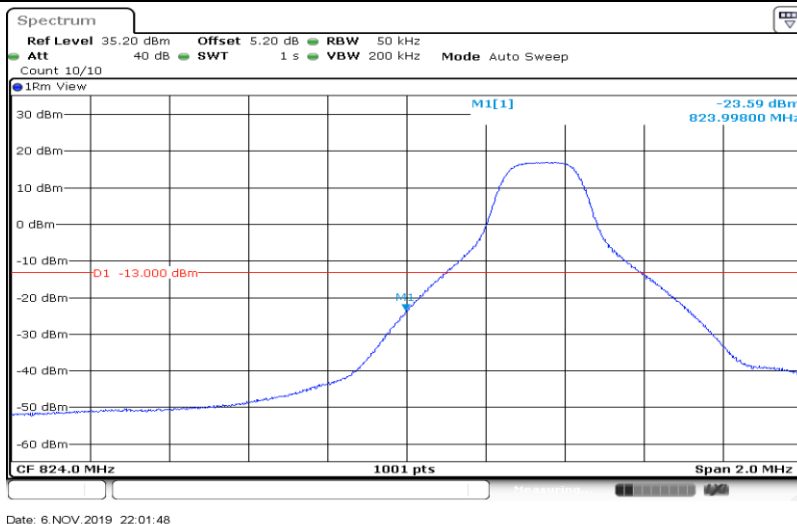


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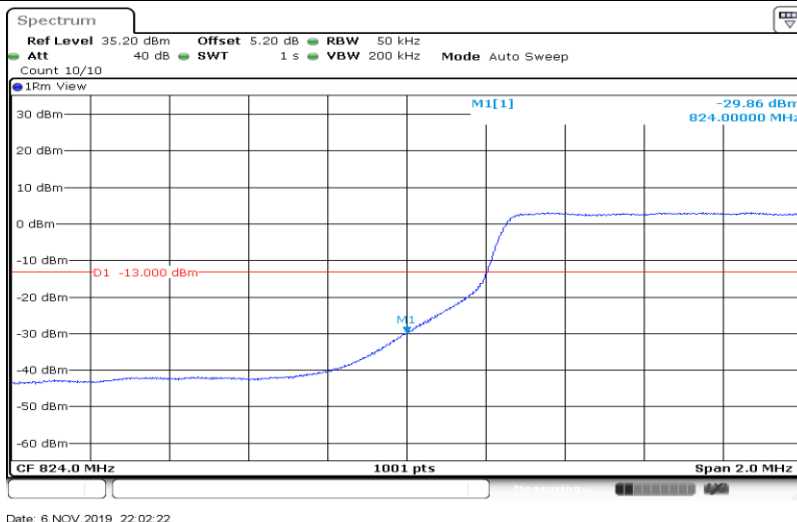


Band 26_5MHz_16QAM_26815_1RB#0





Band 26_5MHz_16QAM_26815_25RB#0



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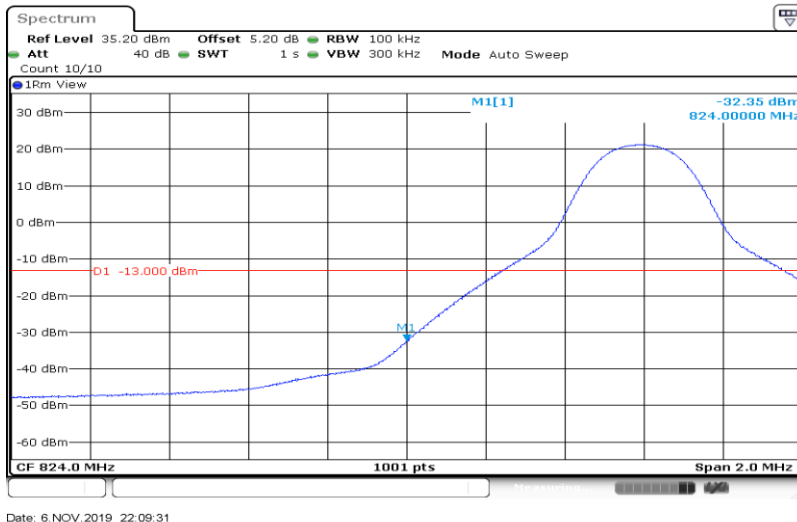


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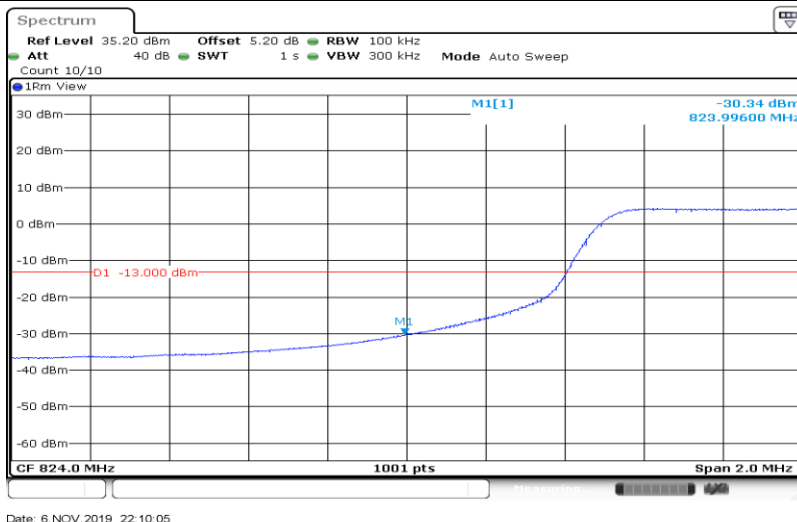


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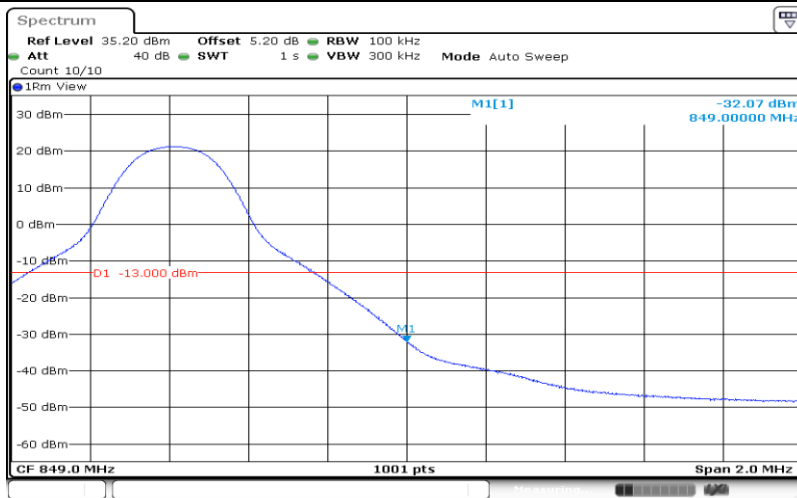


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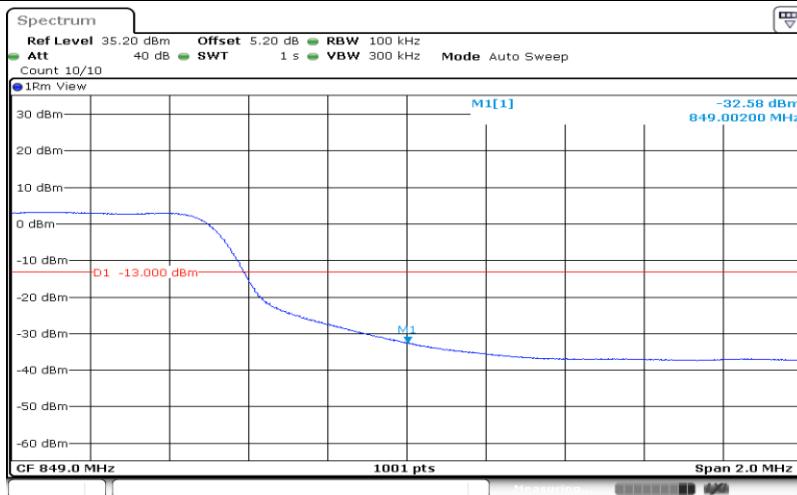
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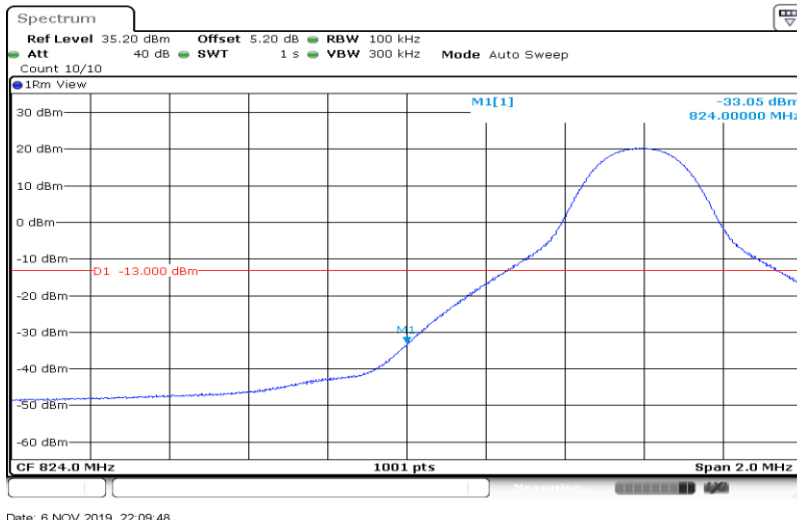
Band 26_10MHz_QPSK_26990_50RB#0



Date: 6 NOV. 2019 22:11:21

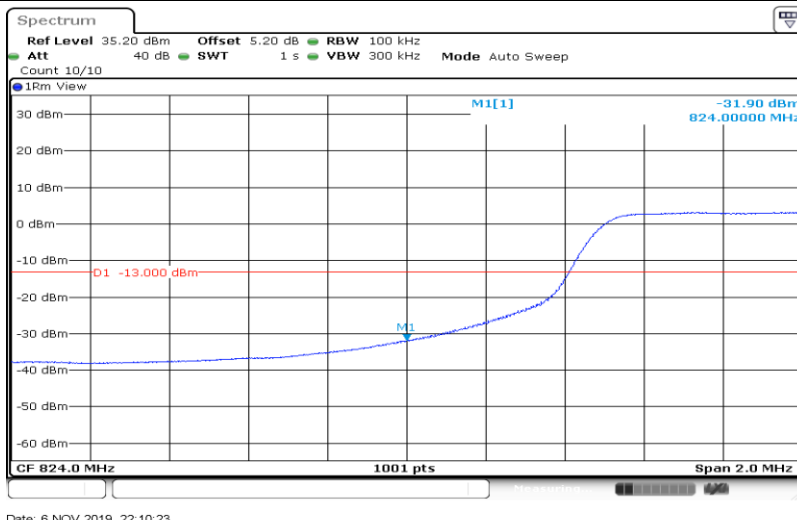
Band 26_10MHz_16QAM_26840_1RB#0





Date: 6 NOV. 2019 22:09:48

Band 26_10MHz_16QAM_26840_50RB#0

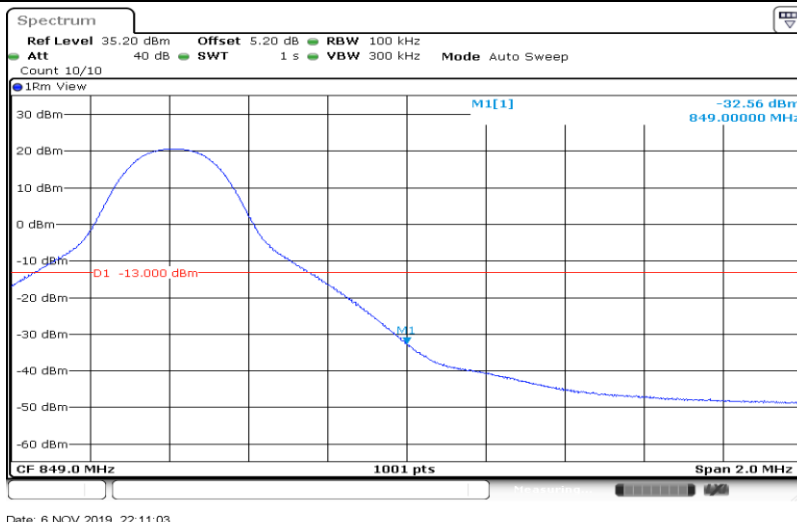


Date: 6 NOV. 2019 22:10:23

Band 26_10MHz_16QAM_26990_1RB#49



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Band 26_10MHz_16QAM_26990_50RB#0

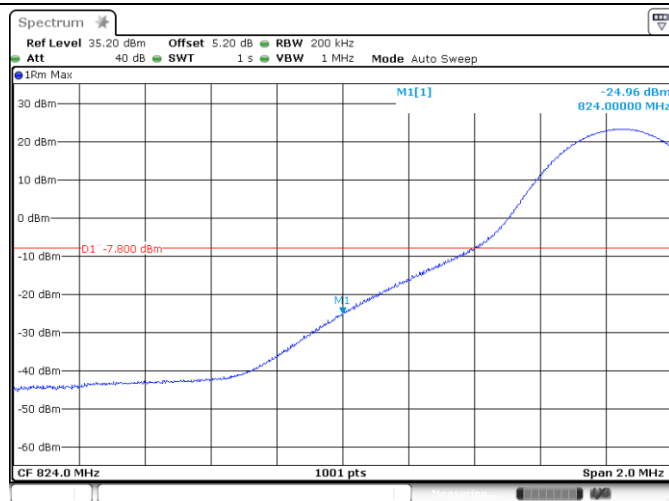


Band 26_15MHz_QPSK_26865_1RB#0



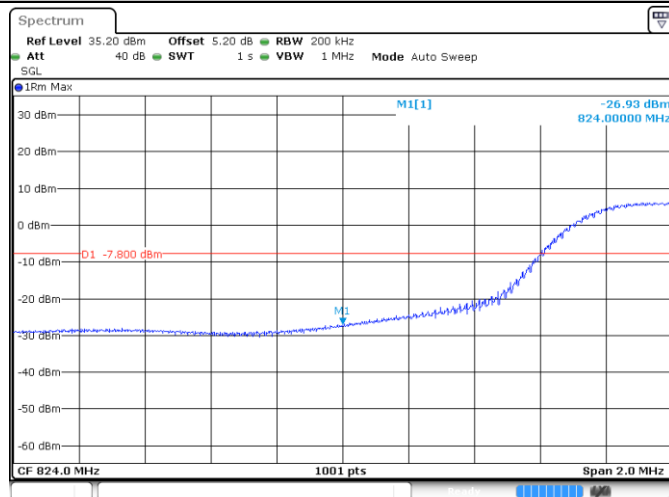
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Date: 11.NOV.2019 02:35:26

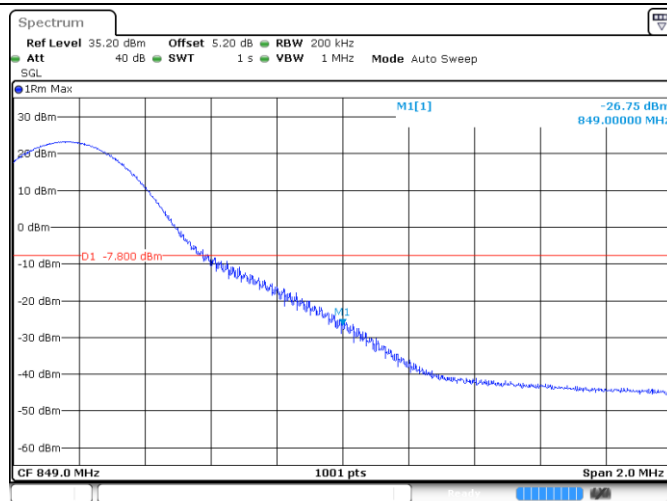
Band 26_15MHz_QPSK_26865_75RB#0



Date: 11.NOV.2019 02:36:21

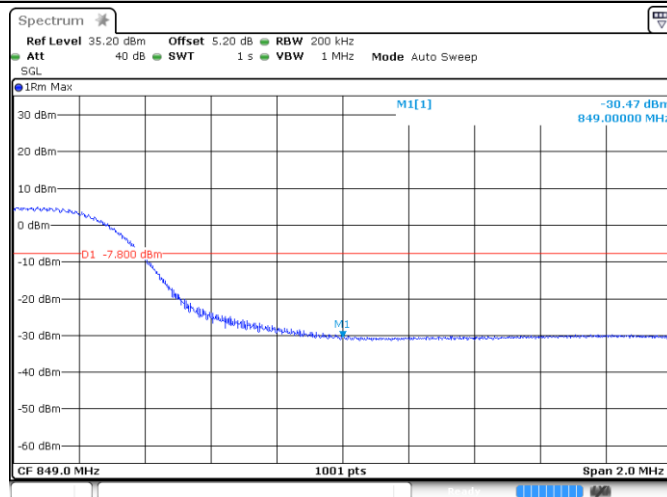
Band 26_15MHz_QPSK_26965_1RB#74





Date: 11.NOV.2019 02:38:25

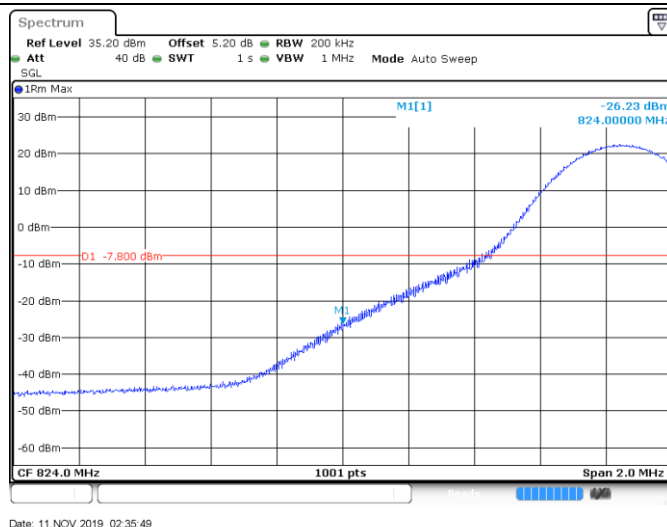
Band 26_15MHz_QPSK_26965_75RB#0



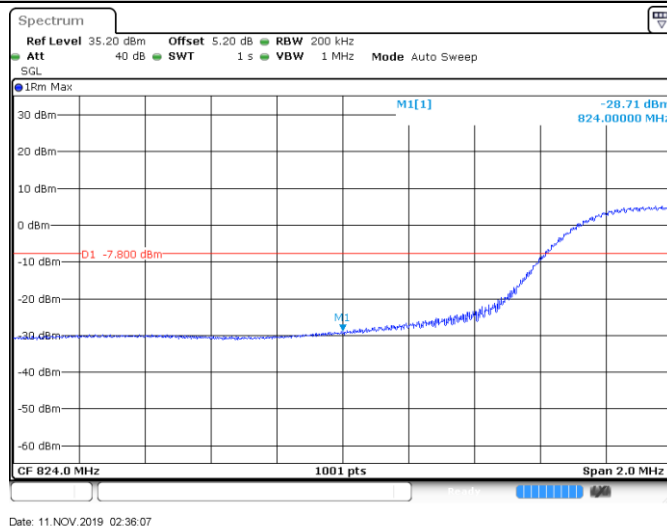
Date: 11.NOV.2019 02:37:03

Band 26_15MHz_16QAM_26865_1RB#0





Band 26_15MHz_16QAM_26865_75RB#0

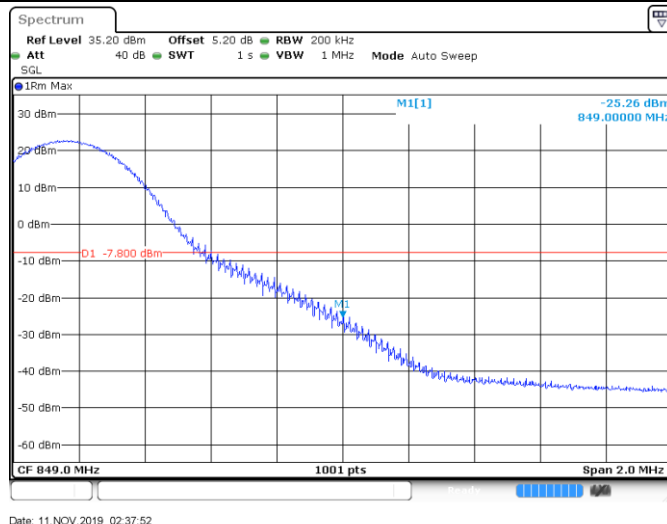


Band 26_15MHz_16QAM_26965_1RB#74

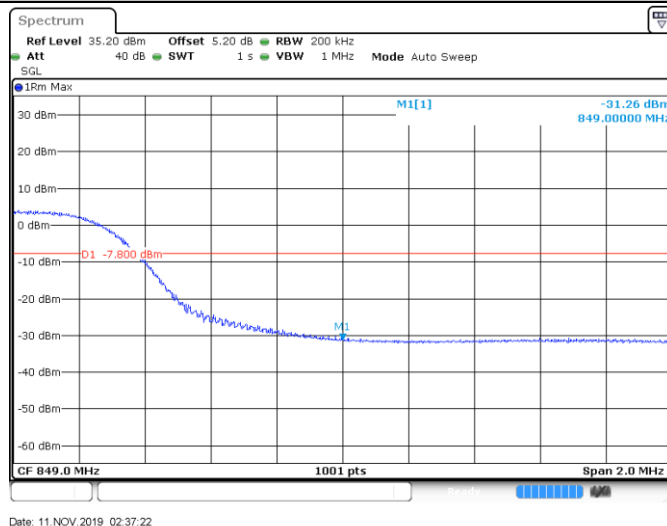


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Band 26_15MHz_16QAM_26965_75RB#0



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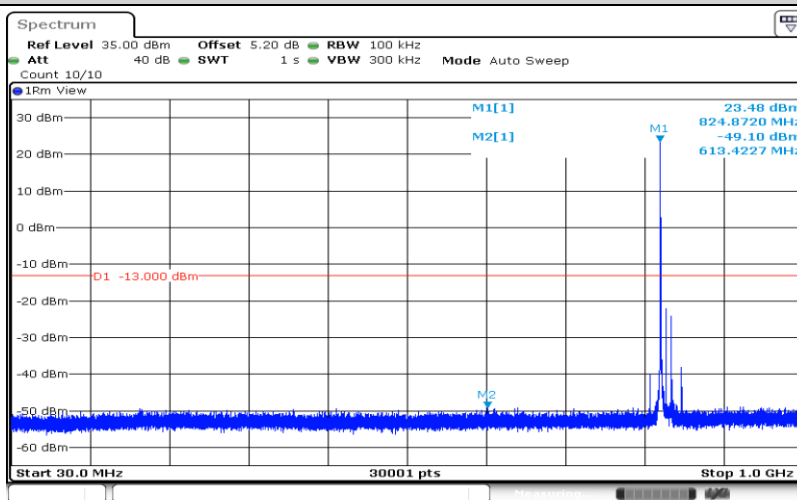
6. Spurious Emission at Antenna Terminal

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 = $k * (\text{Span} / RBW)$ " 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.

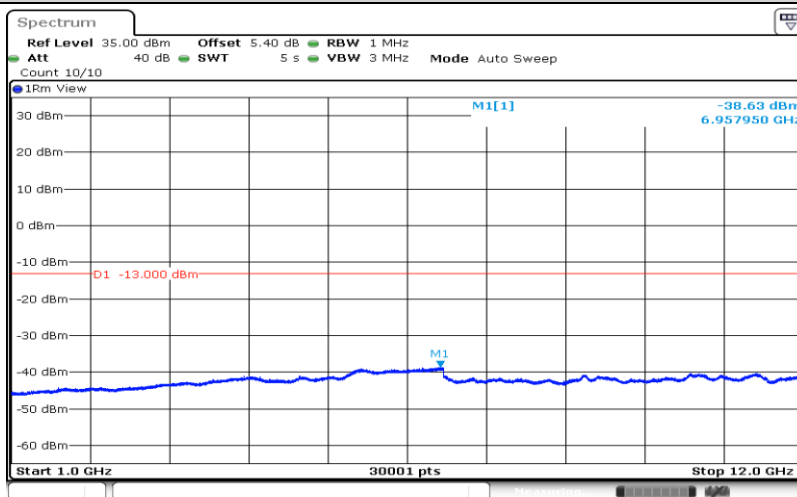
6.1. Test Plots

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



Date: 8 NOV. 2019 04:04:18

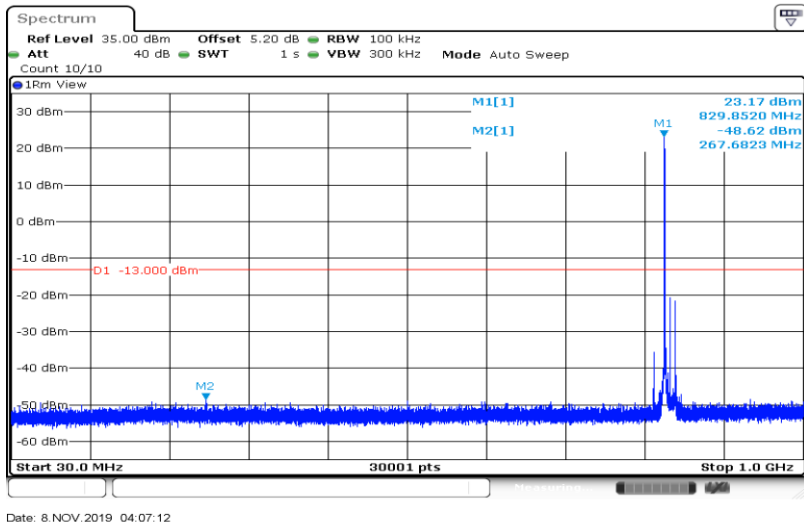
Band26-15MHz-QPSK-26865-1RB#0-Range2:1000~12000MHz



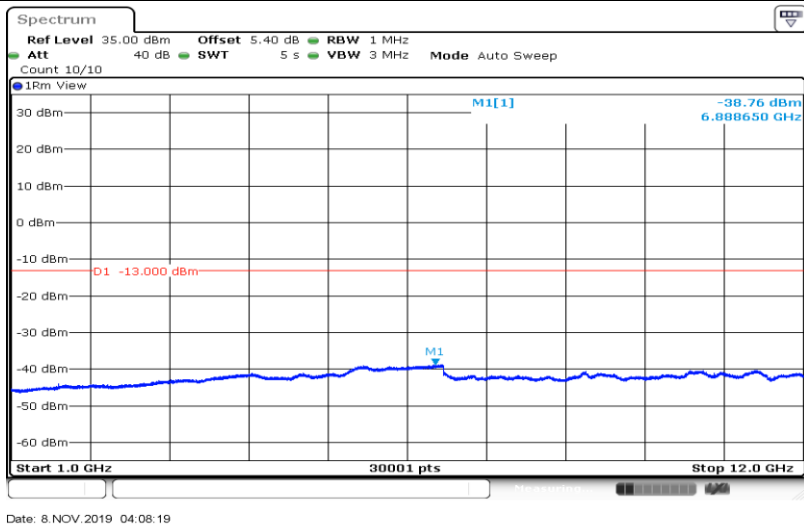
Date: 8 NOV. 2019 04:05:25

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



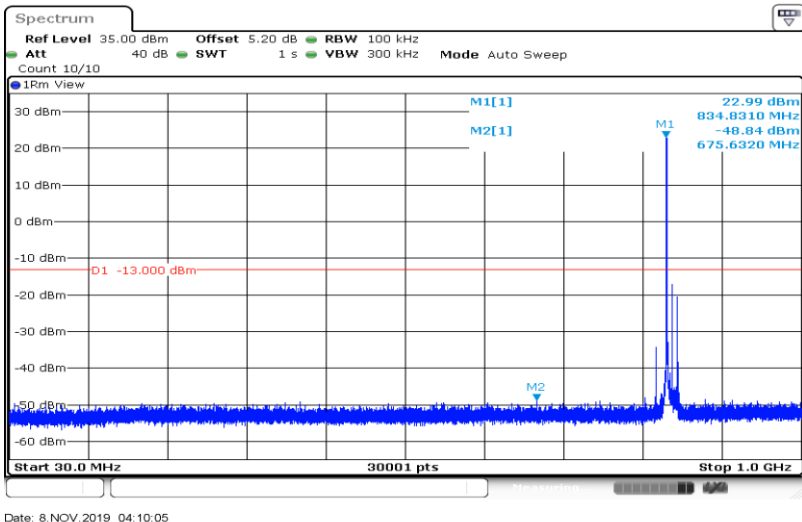


Band26-15MHz-QPSK-26915-1RB#0-Range2:1000~12000MHz

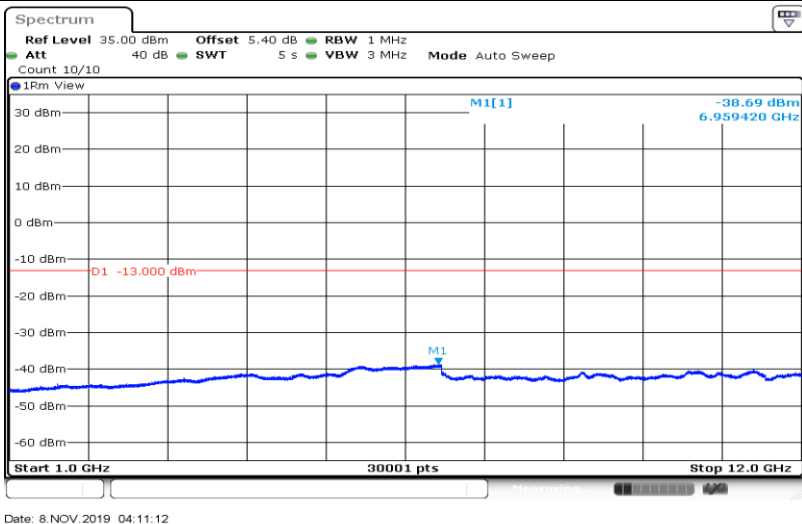


Band26-15MHz-QPSK-26965-1RB#0-Range1:30~1000MHz



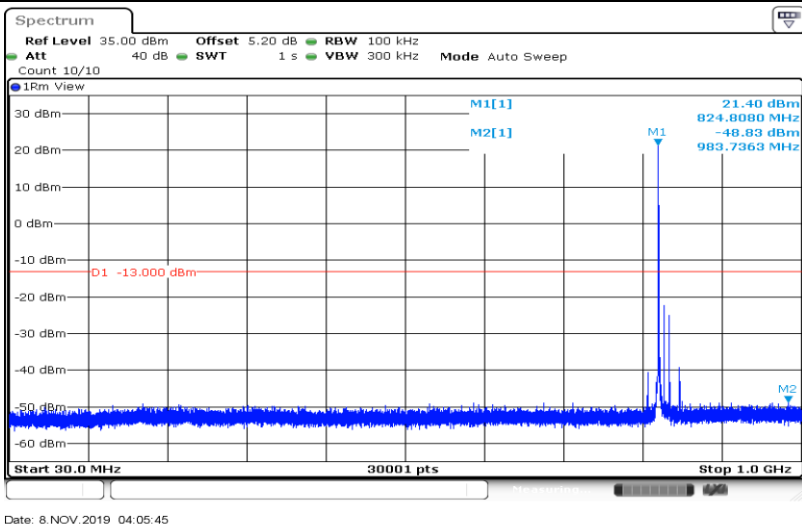


Band26-15MHz-QPSK-26965-1RB#0-Range2:1000~12000MHz

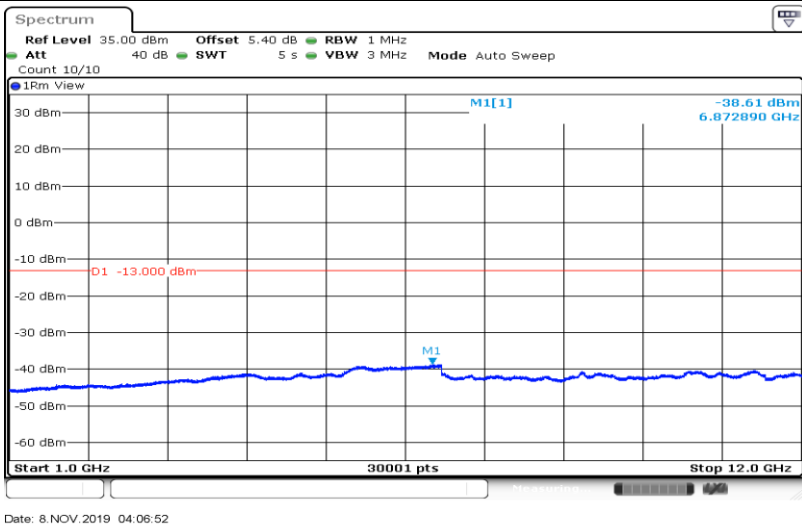


Band26-15MHz-16QAM-26865-1RB#0-Range1:30~1000MHz



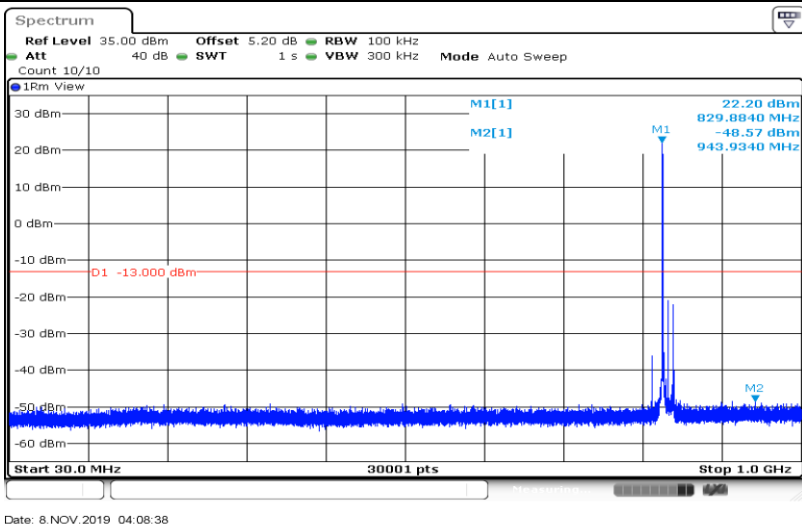


Band26-15MHz-16QAM-26865-1RB#0-Range2:1000~12000MHz

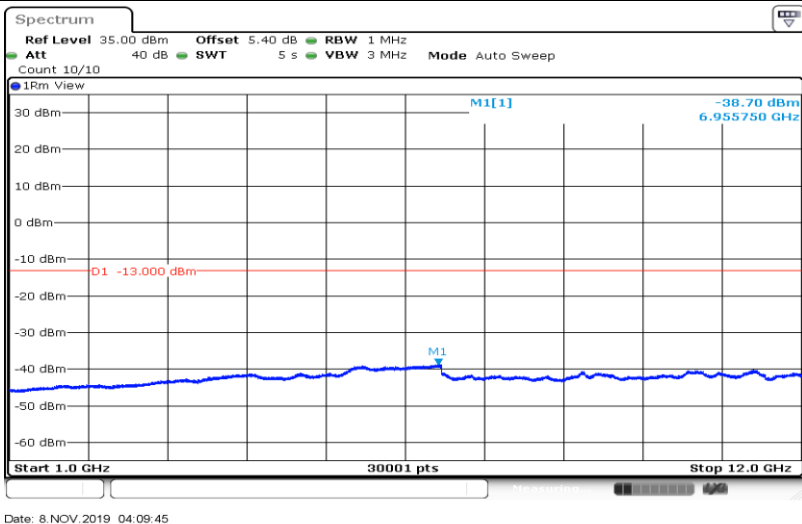


Band26-15MHz-16QAM-26915-1RB#0-Range1:30~1000MHz



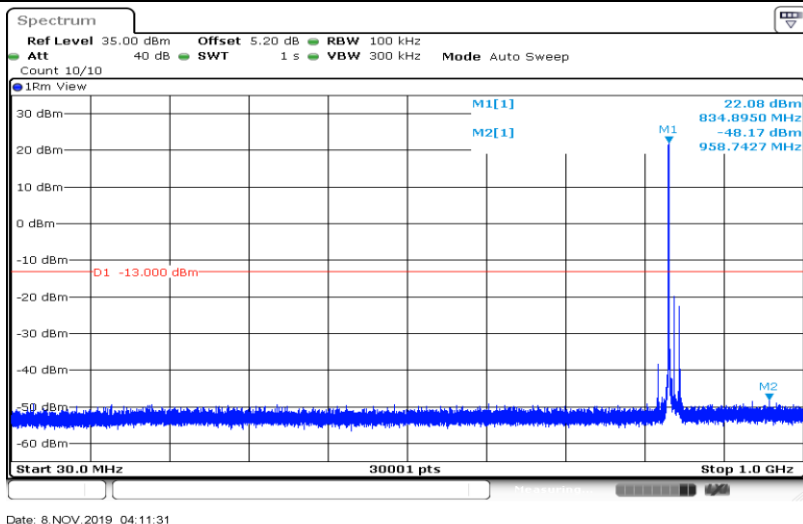


Band26-15MHz-16QAM-26915-1RB#0-Range2:1000~12000MHz

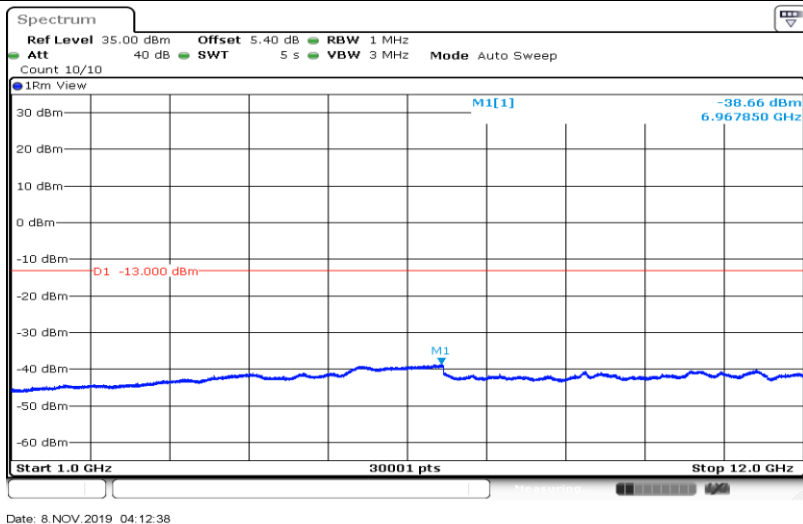


Band26-15MHz-16QAM-26965-1RB#0-Range1:30~1000MHz





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



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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
72.2456	-68.71	-13.00	55.71	122	6	Vertical
112.0176	-64.44	-13.00	51.44	272	38	Vertical
622.5541	-62.49	-13.00	49.49	263	345	Vertical
1752.1504	-41.98	-13.00	28.98	274	2	Vertical
2445.4891	-26.88	-13.00	13.88	128	344	Vertical
8651.5884	-50.23	-13.00	37.23	179	312	Vertical
44.4537	-63.71	-13.00	50.71	132	43	Horizontal
231.7701	-67.11	-13.00	54.11	172	360	Horizontal
686.7228	-62.07	-13.00	49.07	152	282	Horizontal
1748.1496	-59.56	-13.00	46.56	222	344	Horizontal
2448.2897	-24.51	-13.00	11.51	294	131	Horizontal
8834.1945	-51.00	-13.00	38.00	241	43	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
32.5706	-70.66	-13.00	57.66	132	358	Vertical
111.3871	-64.40	-13.00	51.40	271	358	Vertical
620.4200	-62.67	-13.00	49.67	118	178	Vertical
1746.5493	-49.05	-13.00	36.05	189	0	Vertical
2455.4911	-28.40	-13.00	15.40	137	348	Vertical
8865.3955	-50.46	-13.00	37.46	253	41	Vertical
43.9687	-62.90	-13.00	49.90	261	25	Horizontal
227.2109	-67.19	-13.00	54.19	275	204	Horizontal
1237.6475	-65.13	-13.00	52.13	222	70	Horizontal
1762.1524	-53.35	-13.00	40.35	196	113	Horizontal
2447.8896	-28.88	-13.00	15.88	271	1	Horizontal
8740.1913	-50.91	-13.00	37.91	228	204	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height (cm)	Angle (°)	Polarization
75.5923	-66.61	-13.00	53.61	261	149	Vertical
111.0476	-64.12	-13.00	51.12	211	218	Vertical
688.0809	-61.81	-13.00	48.81	278	218	Vertical
1748.5497	-50.37	-13.00	37.37	298	0	Vertical
2448.6897	-51.75	-13.00	38.75	211	206	Vertical
8782.5928	-50.43	-13.00	37.43	284	84	Vertical
42.5621	-62.83	-13.00	49.83	115	221	Horizontal
245.9813	-67.21	-13.00	54.21	153	221	Horizontal
1669.7339	-58.37	-13.00	45.37	172	145	Horizontal
1752.1504	-52.42	-13.00	39.42	255	82	Horizontal
2448.2897	-50.42	-13.00	37.42	294	329	Horizontal
8697.5899	-50.93	-13.00	37.93	187	357	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 (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	15MHz	QPSK	26865	75RB#0	VL	NT	-0.20	-0.000241	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	VN	NT	-0.70	-0.000842	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	VH	NT	-0.70	-0.000842	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VL	NT	0.30	0.000359	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VN	NT	-0.40	-0.000478	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VH	NT	-1.70	-0.002032	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VL	NT	-1.90	-0.002258	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VN	NT	-2.10	-0.002496	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VH	NT	-2.20	-0.002614	±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	-0.10	-0.000120	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	VH	NT	0.80	0.000962	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VL	NT	-0.30	-0.000359	±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	0.00	0.000000	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VL	NT	-1.80	-0.002139	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VN	NT	-1.20	-0.001426	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VH	NT	-0.70	-0.000832	±2.5	PASS

8.2. Frequency Vs 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	-0.70	-0.000842	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	-20	-0.90	-0.001082	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	0	-0.60	-0.000722	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	10	-1.40	-0.001684	±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	0.40	0.000481	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	40	-0.90	-0.001082	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	50	-0.70	-0.000842	±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	-0.60	-0.000717	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	0	0.30	0.000359	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	10	-1.40	-0.001674	±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	0.20	0.000239	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	40	-1.00	-0.001195	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	50	-1.90	-0.002271	±2.5	PASS



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Band26	15MHz	QPSK	26965	75RB#0	NV	-30	-1.50	-0.001783	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	-20	-1.30	-0.001545	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	0	-0.70	-0.000832	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	10	-2.50	-0.002971	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	20	-1.70	-0.002020	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	30	-1.00	-0.001188	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	40	-2.10	-0.002496	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	50	-2.20	-0.002614	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	-30	-0.40	-0.000481	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	-20	1.20	0.001443	±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	0.10	0.000120	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	20	-0.40	-0.000481	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	30	-0.10	-0.000120	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	40	-0.60	-0.000722	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	50	-0.40	-0.000481	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	-30	-0.20	-0.000239	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	-20	-0.90	-0.001076	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	0	-1.70	-0.002032	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	10	0.40	0.000478	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	20	0.30	0.000359	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	30	-1.60	-0.001913	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	40	-1.30	-0.001554	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	50	0.40	0.000478	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	-30	-0.80	-0.000951	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	-20	-1.60	-0.001901	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	0	-2.30	-0.002733	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	10	-1.10	-0.001307	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	20	-0.70	-0.000832	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	30	-1.40	-0.001664	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	40	-1.80	-0.002139	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	50	-0.90	-0.001070	±2.5	PASS



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