

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	23.55	19.53	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#2	23.89	19.87	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	23.69	19.67	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#0	23.64	19.62	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#1	23.67	19.65	38.45	PASS
Band26	1.4MHz	QPSK	26797	3RB#3	23.68	19.66	38.45	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	22.81	18.79	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#2	23.59	19.57	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#5	23.90	19.88	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	23.58	19.56	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#0	23.84	19.82	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#1	23.83	19.81	38.45	PASS
Band26	1.4MHz	QPSK	26915	3RB#3	23.54	19.52	38.45	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	22.50	18.48	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	23.77	19.75	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	23.84	19.82	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#2	23.73	19.71	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#0	23.71	19.69	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#1	23.75	19.73	38.45	PASS
Band26	1.4MHz	QPSK	27033	3RB#3	23.70	19.68	38.45	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	22.58	18.56	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	22.75	18.73	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	22.56	18.54	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#2	22.72	18.70	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#1	22.79	18.77	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#0	22.54	18.52	38.45	PASS
Band26	1.4MHz	16QAM	26797	3RB#3	22.60	18.58	38.45	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	21.81	17.79	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#2	22.75	18.73	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	22.53	18.51	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#5	22.60	18.58	38.45	PASS
Band26	1.4MHz	16QAM	26915	3RB#3	22.85	18.83	38.45	PASS
Band26	1.4MHz	16QAM	26915	3RB#0	22.59	18.57	38.45	PASS
Band26	1.4MHz	16QAM	26915	3RB#1	22.59	18.57	38.45	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	21.55	17.53	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	22.61	18.59	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#2	22.79	18.77	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	22.76	18.74	38.45	PASS



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Band26	1.4MHz	16QAM	27033	3RB#1	22.84	18.82	38.45	PASS
Band26	1.4MHz	16QAM	27033	3RB#0	22.76	18.74	38.45	PASS
Band26	1.4MHz	16QAM	27033	3RB#3	22.63	18.61	38.45	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	21.76	17.74	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#8	23.63	19.61	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#14	23.81	19.79	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#0	23.57	19.55	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#4	22.50	18.48	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#0	22.75	18.73	38.45	PASS
Band26	3MHz	QPSK	26805	8RB#7	22.77	18.75	38.45	PASS
Band26	3MHz	QPSK	26805	15RB#0	22.84	18.82	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#14	23.66	19.64	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#8	23.64	19.62	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#0	23.84	19.82	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#4	22.56	18.54	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#7	22.60	18.58	38.45	PASS
Band26	3MHz	QPSK	26915	8RB#0	22.67	18.65	38.45	PASS
Band26	3MHz	QPSK	26915	15RB#0	22.75	18.73	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#8	23.89	19.87	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#14	23.89	19.87	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#0	23.70	19.68	38.45	PASS
Band26	3MHz	QPSK	27025	8RB#7	22.66	18.64	38.45	PASS
Band26	3MHz	QPSK	27025	8RB#4	22.59	18.57	38.45	PASS
Band26	3MHz	QPSK	27025	8RB#0	22.85	18.83	38.45	PASS
Band26	3MHz	QPSK	27025	15RB#0	22.56	18.54	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#14	22.76	18.74	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#8	22.77	18.75	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#0	22.56	18.54	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#4	21.51	17.49	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#0	21.57	17.55	38.45	PASS
Band26	3MHz	16QAM	26805	8RB#7	21.85	17.83	38.45	PASS
Band26	3MHz	16QAM	26805	15RB#0	21.55	17.53	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#8	22.65	18.63	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#14	22.71	18.69	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#0	22.64	18.62	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#7	21.68	17.66	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#4	21.84	17.82	38.45	PASS
Band26	3MHz	16QAM	26915	8RB#0	21.86	17.84	38.45	PASS
Band26	3MHz	16QAM	26915	15RB#0	21.85	17.83	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#0	22.89	18.87	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#8	22.58	18.56	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#14	22.69	18.67	38.45	PASS
Band26	3MHz	16QAM	27025	8RB#7	21.79	17.77	38.45	PASS
Band26	3MHz	16QAM	27025	8RB#4	21.66	17.64	38.45	PASS
Band26	3MHz	16QAM	27025	8RB#0	21.60	17.58	38.45	PASS
Band26	3MHz	16QAM	27025	15RB#0	21.85	17.83	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#0	23.82	19.80	38.45	PASS



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Band26	5MHz	QPSK	26815	1RB#24	23.51	19.49	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#12	23.78	19.76	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#0	22.72	18.70	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#13	22.84	18.82	38.45	PASS
Band26	5MHz	QPSK	26815	12RB#6	22.82	18.80	38.45	PASS
Band26	5MHz	QPSK	26815	25RB#0	22.68	18.66	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#24	23.79	19.77	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#0	23.81	19.79	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#12	23.78	19.76	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#0	22.80	18.78	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#13	22.77	18.75	38.45	PASS
Band26	5MHz	QPSK	26915	12RB#6	22.67	18.65	38.45	PASS
Band26	5MHz	QPSK	26915	25RB#0	22.60	18.58	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#24	23.82	19.80	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#12	23.69	19.67	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#0	23.60	19.58	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#6	22.70	18.68	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#0	22.87	18.85	38.45	PASS
Band26	5MHz	QPSK	27015	12RB#13	22.85	18.83	38.45	PASS
Band26	5MHz	QPSK	27015	25RB#0	22.61	18.59	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#24	22.84	18.82	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#0	22.71	18.69	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#12	22.54	18.52	38.45	PASS
Band26	5MHz	16QAM	26815	12RB#6	21.75	17.73	38.45	PASS
Band26	5MHz	16QAM	26815	12RB#0	21.90	17.88	38.45	PASS
Band26	5MHz	16QAM	26815	12RB#13	21.73	17.71	38.45	PASS
Band26	5MHz	16QAM	26815	25RB#0	21.59	17.57	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#12	22.88	18.86	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#24	22.56	18.54	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#0	22.64	18.62	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#6	21.62	17.60	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#13	21.56	17.54	38.45	PASS
Band26	5MHz	16QAM	26915	12RB#0	21.76	17.74	38.45	PASS
Band26	5MHz	16QAM	26915	25RB#0	21.66	17.64	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#0	22.69	18.67	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#12	22.84	18.82	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#24	22.72	18.70	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#0	21.81	17.79	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#6	21.68	17.66	38.45	PASS
Band26	5MHz	16QAM	27015	12RB#13	21.74	17.72	38.45	PASS
Band26	5MHz	16QAM	27015	25RB#0	21.75	17.73	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#24	23.73	19.71	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#49	23.57	19.55	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#0	23.65	19.63	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#25	22.80	18.78	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#12	22.87	18.85	38.45	PASS
Band26	10MHz	QPSK	26840	25RB#0	22.57	18.55	38.45	PASS



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Band26	10MHz	QPSK	26840	50RB#0	22.84	18.82	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#0	23.66	19.64	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#24	23.83	19.81	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#49	23.89	19.87	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#0	22.89	18.87	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#25	22.79	18.77	38.45	PASS
Band26	10MHz	QPSK	26915	25RB#12	22.74	18.72	38.45	PASS
Band26	10MHz	QPSK	26915	50RB#0	22.73	18.71	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#49	23.79	19.77	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#24	23.68	19.66	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#0	23.52	19.50	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#25	22.81	18.79	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#0	22.70	18.68	38.45	PASS
Band26	10MHz	QPSK	26990	25RB#12	22.60	18.58	38.45	PASS
Band26	10MHz	QPSK	26990	50RB#0	22.54	18.52	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#0	22.81	18.79	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#24	22.67	18.65	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#49	22.63	18.61	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#0	21.63	17.61	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#25	21.66	17.64	38.45	PASS
Band26	10MHz	16QAM	26840	25RB#12	21.56	17.54	38.45	PASS
Band26	10MHz	16QAM	26840	50RB#0	21.69	17.67	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#24	22.76	18.74	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#0	22.57	18.55	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#49	22.79	18.77	38.45	PASS
Band26	10MHz	16QAM	26915	25RB#0	21.53	17.51	38.45	PASS
Band26	10MHz	16QAM	26915	25RB#12	21.55	17.53	38.45	PASS
Band26	10MHz	16QAM	26915	25RB#25	21.84	17.82	38.45	PASS
Band26	10MHz	16QAM	26915	50RB#0	21.52	17.50	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#24	22.51	18.49	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#0	22.80	18.78	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#49	22.69	18.67	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#12	21.72	17.70	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#0	21.72	17.70	38.45	PASS
Band26	10MHz	16QAM	26990	25RB#25	21.55	17.53	38.45	PASS
Band26	10MHz	16QAM	26990	50RB#0	21.82	17.80	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#74	23.70	19.68	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#0	23.87	19.85	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#38	23.64	19.62	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#0	22.70	18.68	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#18	22.76	18.74	38.45	PASS
Band26	15MHz	QPSK	26865	36RB#39	22.64	18.62	38.45	PASS
Band26	15MHz	QPSK	26865	75RB#0	22.65	18.63	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#74	23.81	19.79	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#38	23.75	19.73	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#0	23.68	19.66	38.45	PASS
Band26	15MHz	QPSK	26915	36RB#39	22.71	18.69	38.45	PASS



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Band26	15MHz	QPSK	26915	36RB#0	22.85	18.83	38.45	PASS
Band26	15MHz	QPSK	26915	36RB#18	22.73	18.71	38.45	PASS
Band26	15MHz	QPSK	26915	75RB#0	22.59	18.57	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#74	23.70	19.68	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#38	23.52	19.50	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#0	23.68	19.66	38.45	PASS
Band26	15MHz	QPSK	26965	36RB#18	22.77	18.75	38.45	PASS
Band26	15MHz	QPSK	26965	36RB#39	22.69	18.67	38.45	PASS
Band26	15MHz	QPSK	26965	36RB#0	22.69	18.67	38.45	PASS
Band26	15MHz	QPSK	26965	75RB#0	22.51	18.49	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#0	22.65	18.63	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#74	22.51	18.49	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#38	22.90	18.88	38.45	PASS
Band26	15MHz	16QAM	26865	36RB#0	21.84	17.82	38.45	PASS
Band26	15MHz	16QAM	26865	36RB#18	21.51	17.49	38.45	PASS
Band26	15MHz	16QAM	26865	36RB#39	21.77	17.75	38.45	PASS
Band26	15MHz	16QAM	26865	75RB#0	21.61	17.59	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#0	22.86	18.84	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#38	22.53	18.51	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#74	22.61	18.59	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#18	21.84	17.82	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#0	21.81	17.79	38.45	PASS
Band26	15MHz	16QAM	26915	36RB#39	21.89	17.87	38.45	PASS
Band26	15MHz	16QAM	26915	75RB#0	21.51	17.49	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#0	22.59	18.57	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#38	22.60	18.58	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#74	22.86	18.84	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#0	21.63	17.61	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#18	21.75	17.73	38.45	PASS
Band26	15MHz	16QAM	26965	36RB#39	21.84	17.82	38.45	PASS
Band26	15MHz	16QAM	26965	75RB#0	21.69	17.67	38.45	PASS

Remark:

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

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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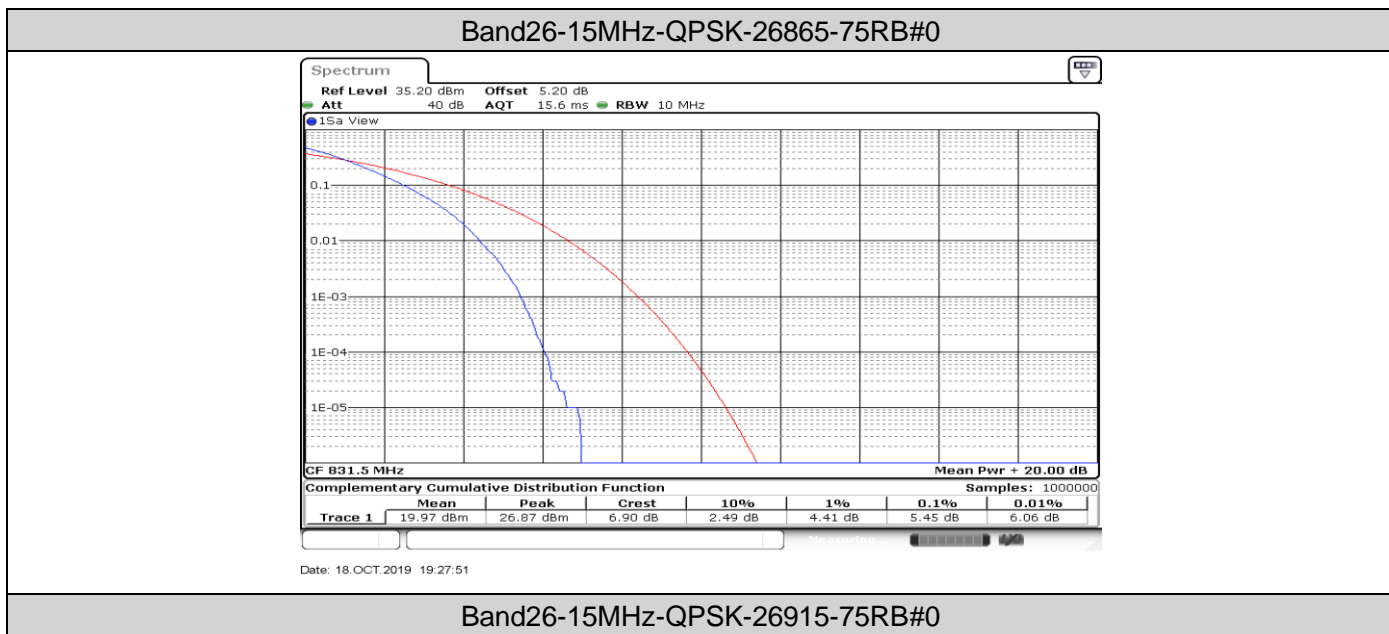


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

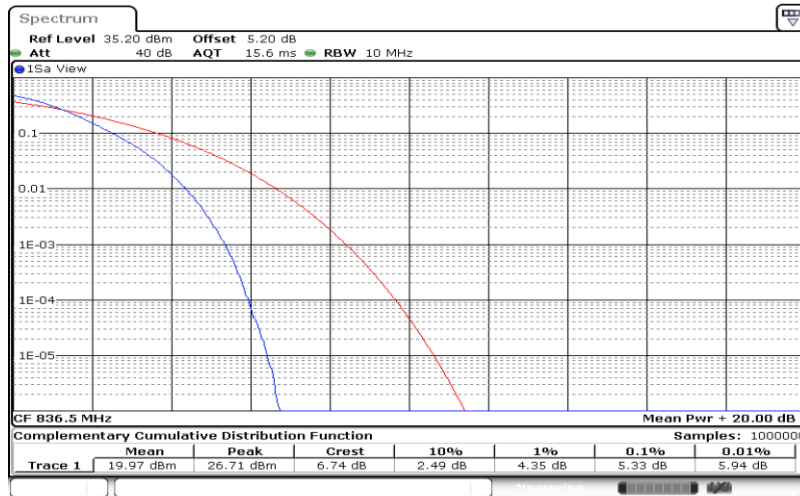
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	15MHz	QPSK	26865	75RB#0	5.45	13	PASS
Band26	15MHz	QPSK	26915	75RB#0	5.33	13	PASS
Band26	15MHz	QPSK	26965	75RB#0	4.90	13	PASS
Band26	15MHz	16QAM	26865	75RB#0	6.38	13	PASS
Band26	15MHz	16QAM	26915	75RB#0	6.38	13	PASS
Band26	15MHz	16QAM	26965	75RB#0	6.17	13	PASS

2.2. Test Plots



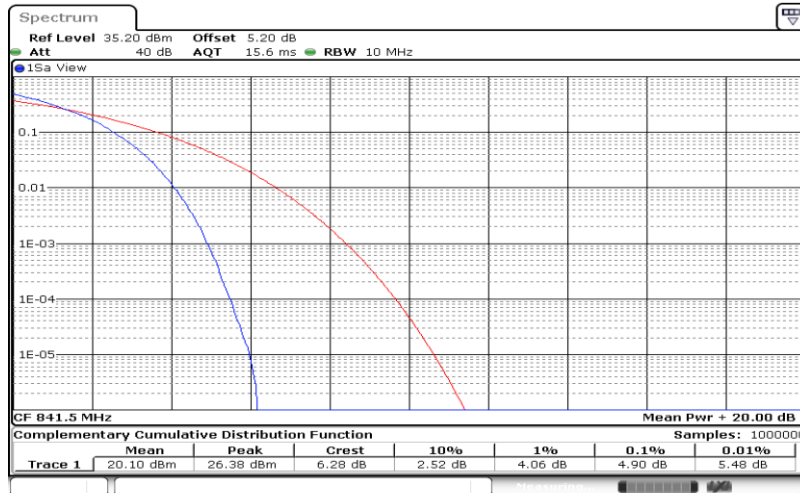
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Date: 18.OCT.2019 19:28:13

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



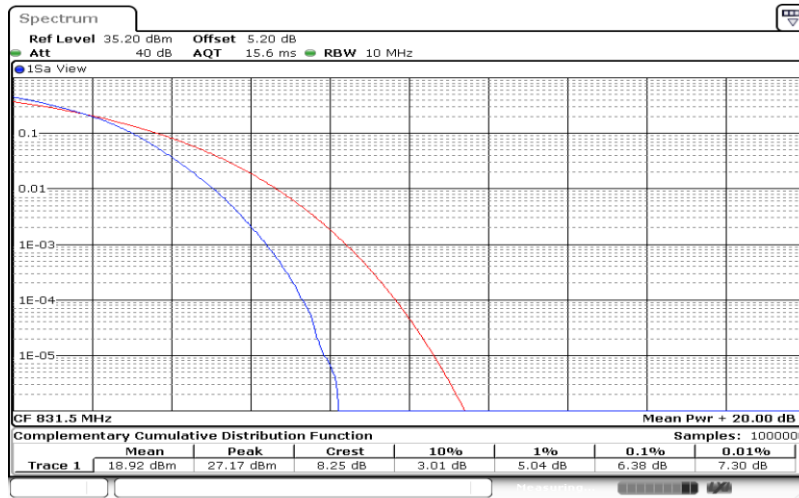
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Band26-15MHz-16QAM-26865-75RB#0



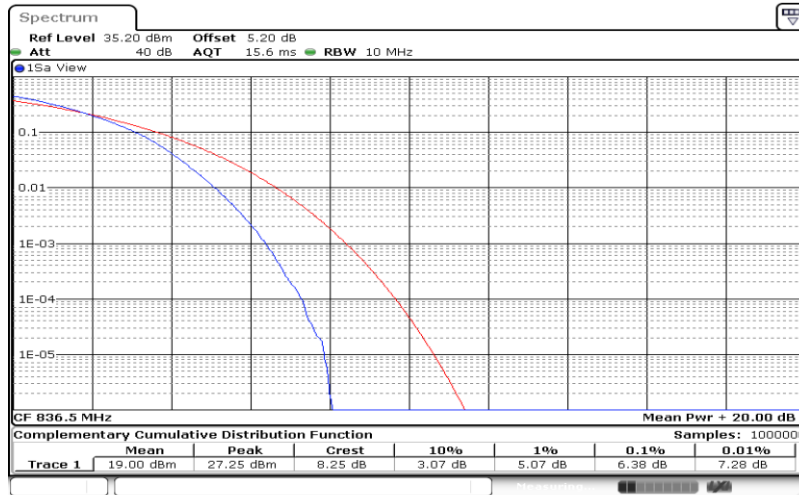
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Date: 18.OCT.2019 19:28:02

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



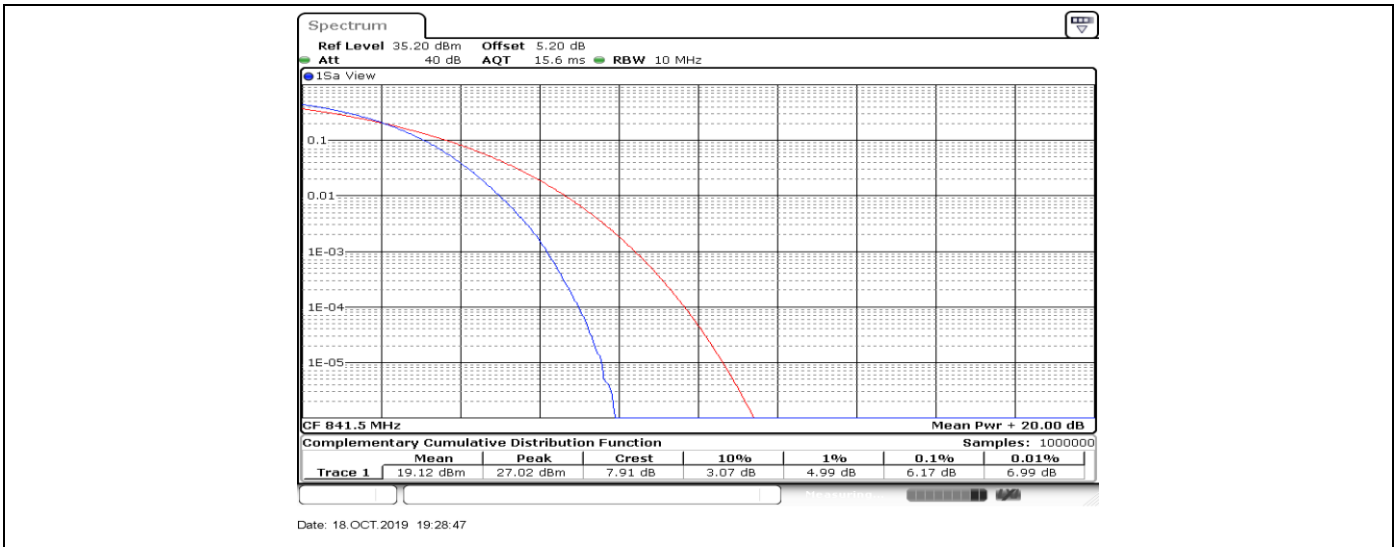
Date: 18.OCT.2019 19:28:24

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



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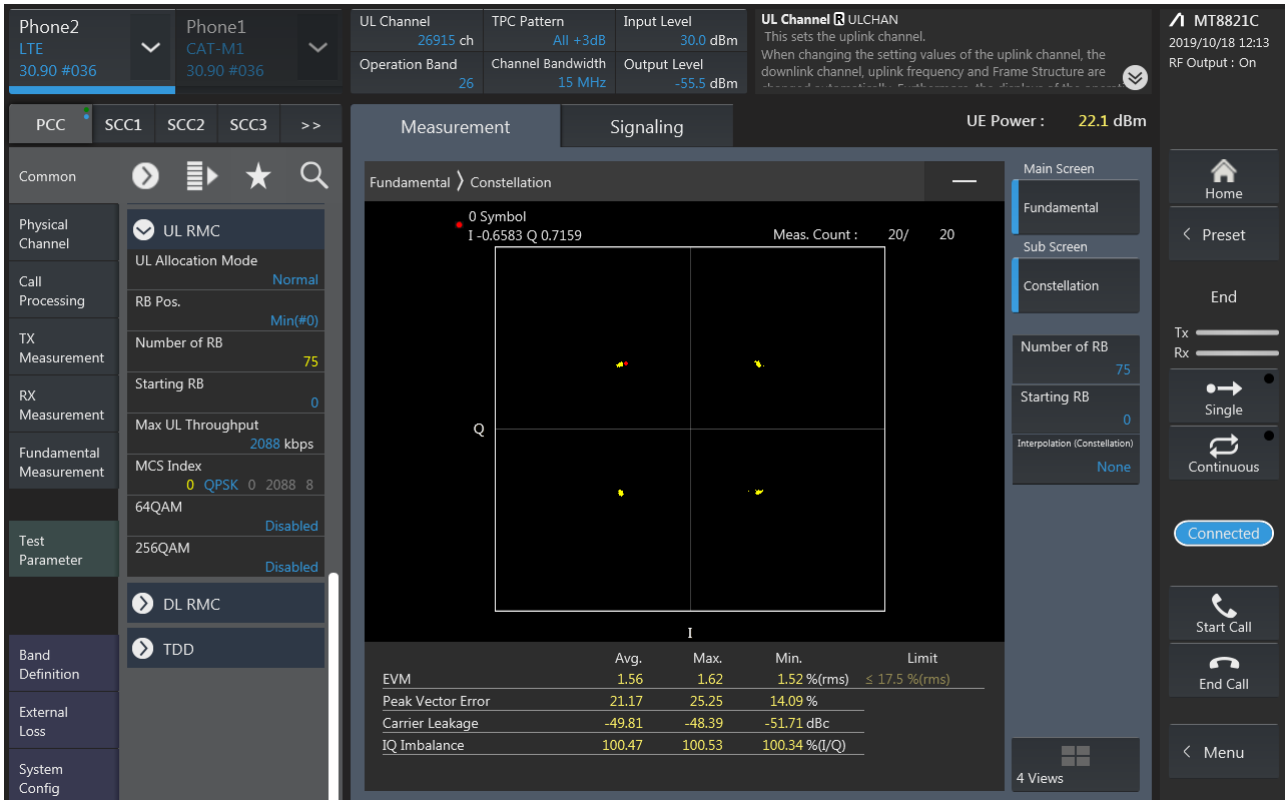
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 15MHz

3.1.1. Test Channel = MCH



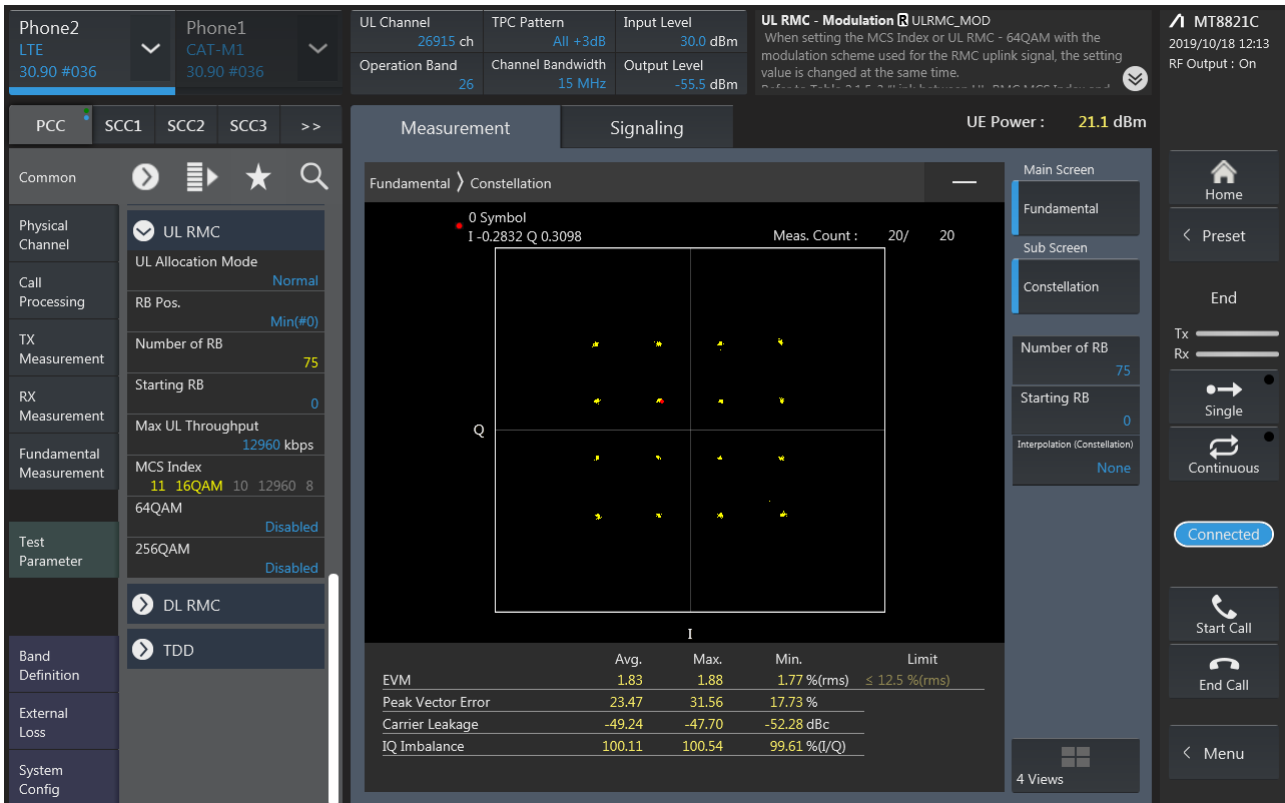
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3.2. Test Mode = LTE /TM2 15MHz

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	1.281	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.091	1.290	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	1.088	1.278	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	1.088	1.287	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.091	1.293	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	1.088	1.287	PASS
Band26	3MHz	QPSK	26805	15RB#0	2.685	2.910	PASS
Band26	3MHz	QPSK	26915	15RB#0	2.685	2.922	PASS
Band26	3MHz	QPSK	27025	15RB#0	2.691	2.922	PASS
Band26	3MHz	16QAM	26805	15RB#0	2.673	2.910	PASS
Band26	3MHz	16QAM	26915	15RB#0	2.679	2.904	PASS
Band26	3MHz	16QAM	27025	15RB#0	2.673	2.910	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.456	4.810	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.476	4.840	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.476	4.850	PASS
Band26	5MHz	16QAM	26815	25RB#0	4.486	4.830	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.486	4.850	PASS
Band26	5MHz	16QAM	27015	25RB#0	4.476	4.840	PASS
Band26	10MHz	QPSK	26840	50RB#0	8.951	9.600	PASS
Band26	10MHz	QPSK	26915	50RB#0	8.951	9.620	PASS
Band26	10MHz	QPSK	26990	50RB#0	8.931	9.580	PASS
Band26	10MHz	16QAM	26840	50RB#0	8.931	9.580	PASS
Band26	10MHz	16QAM	26915	50RB#0	8.931	9.640	PASS
Band26	10MHz	16QAM	26990	50RB#0	8.931	9.600	PASS
Band26	15MHz	QPSK	26865	75RB#0	13.516	14.640	PASS
Band26	15MHz	QPSK	26915	75RB#0	13.487	15.300	PASS
Band26	15MHz	QPSK	26965	75RB#0	13.397	14.580	PASS
Band26	15MHz	16QAM	26865	75RB#0	13.516	14.730	PASS
Band26	15MHz	16QAM	26915	75RB#0	13.457	14.610	PASS
Band26	15MHz	16QAM	26965	75RB#0	13.397	14.670	PASS

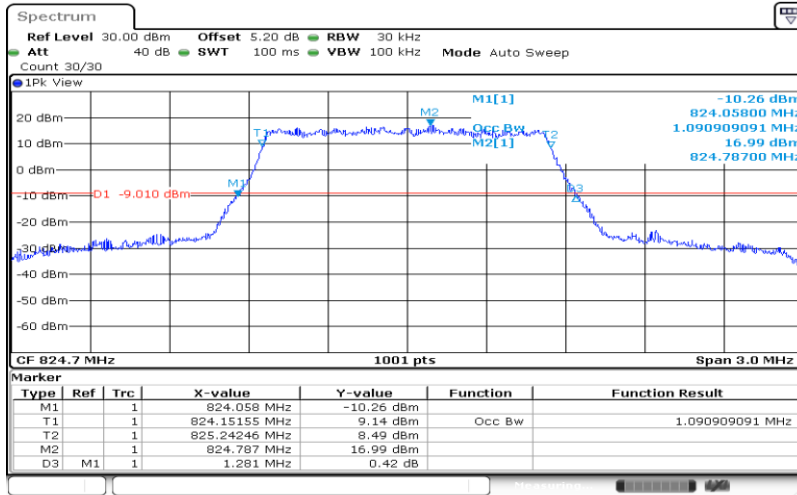


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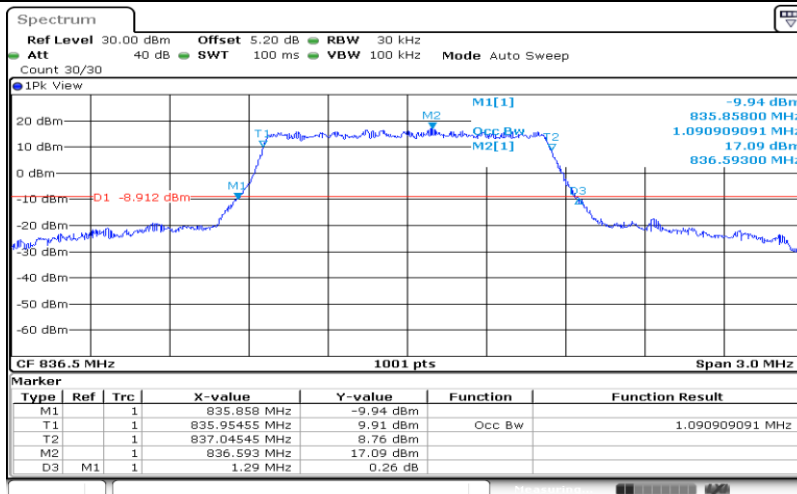
4.2. Test Plots

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



Date: 18.OCT.2019 10:36:50

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

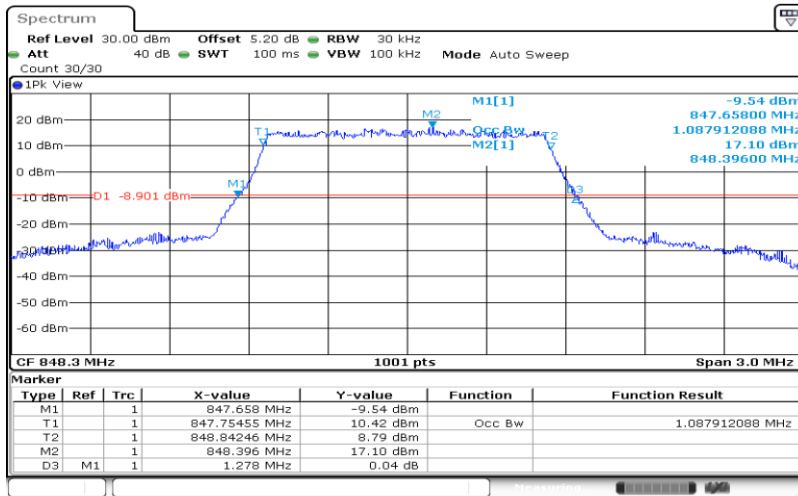


Date: 18.OCT.2019 10:37:16

Band26-1.4MHz-QPSK-27033-6RB#0-1.088

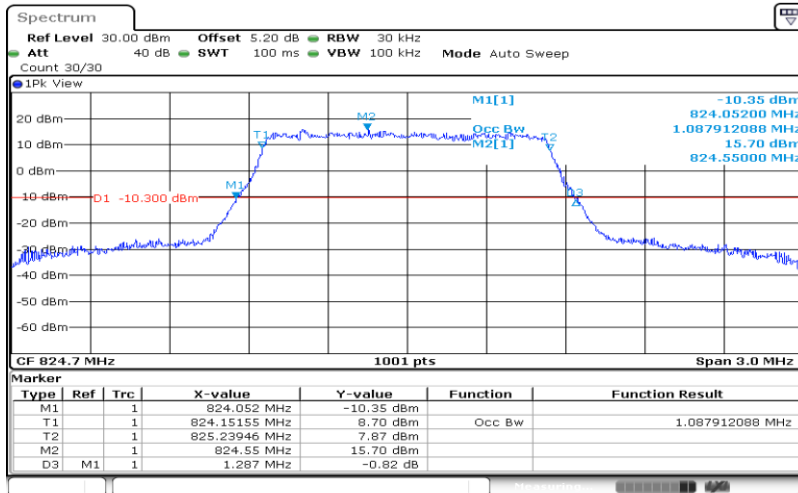


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Date: 18.OCT.2019 10:37:41

Band26-1.4MHz-16QAM-26797-6RB#0-1.088

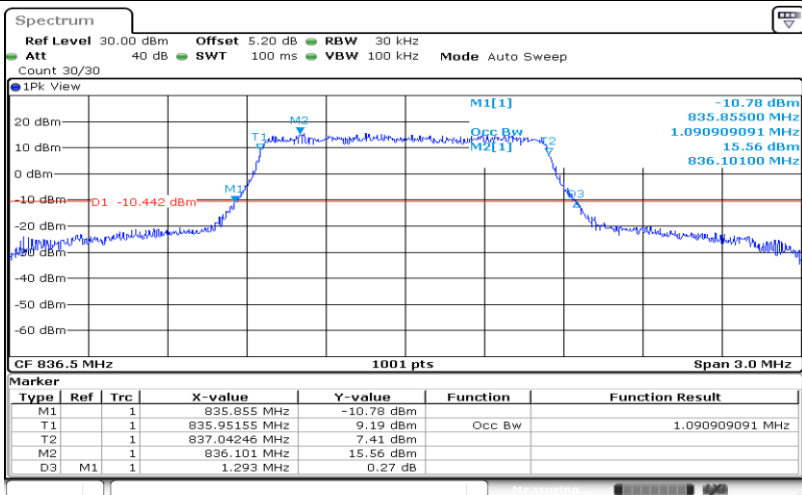


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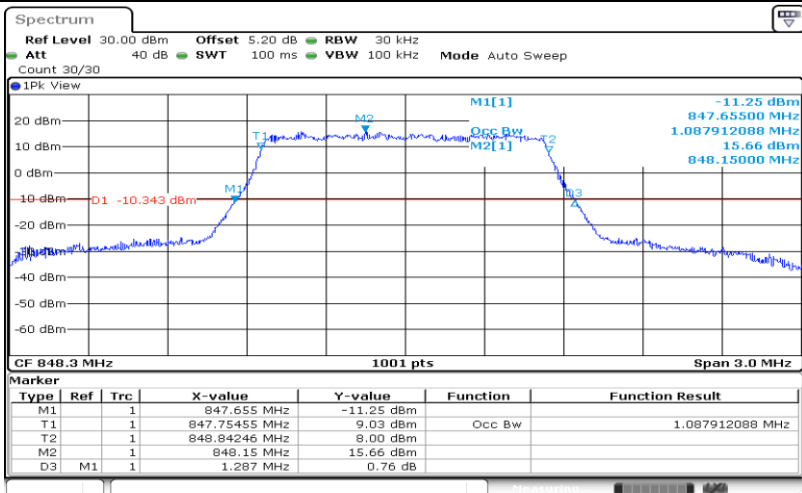
Band26-1.4MHz-16QAM-26915-6RB#0-1.091



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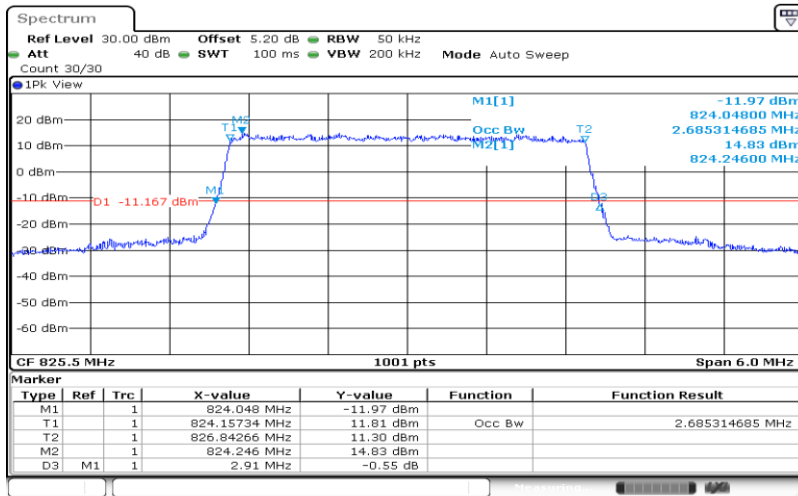
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Band26-3MHz-QPSK-26805-15RB#0-2.685

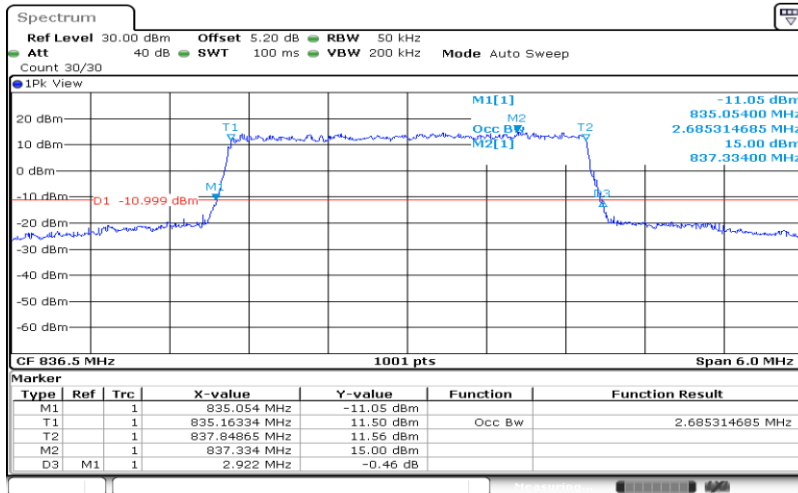


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Date: 18.OCT.2019 10:38:13

Band26-3MHz-QPSK-26915-15RB#0-2.685

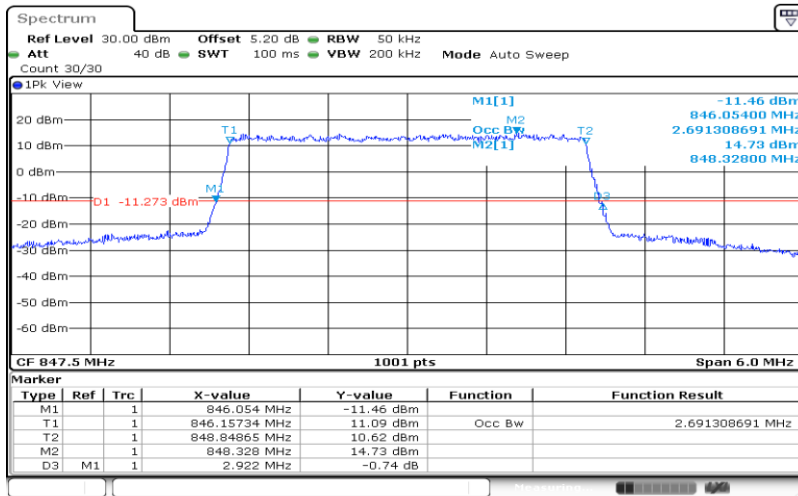


Date: 18.OCT.2019 10:38:39

Band26-3MHz-QPSK-27025-15RB#0-2.691

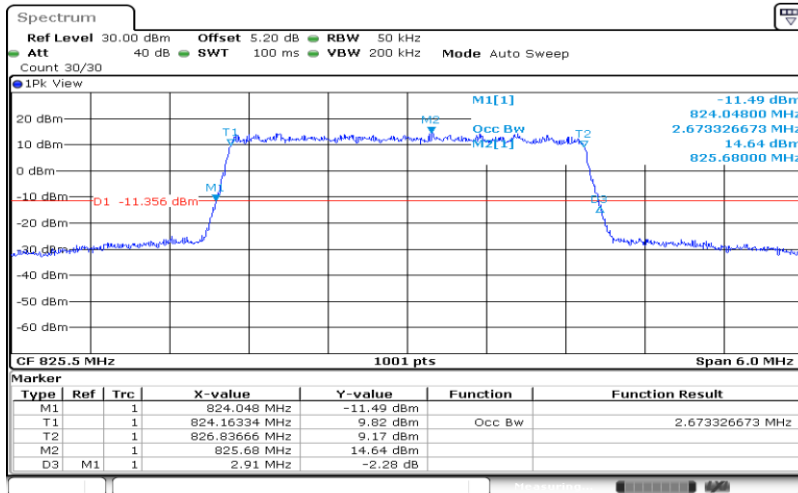


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Date: 18.OCT.2019 10:39:04

Band26-3MHz-16QAM-26805-15RB#0-2.673

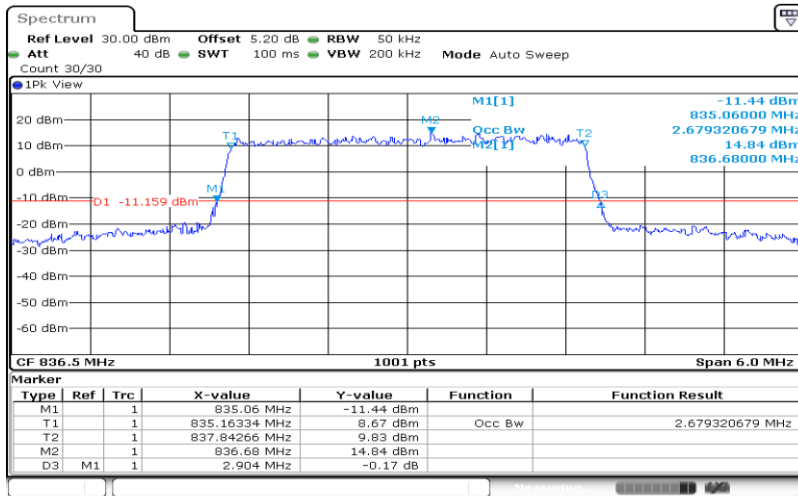


Date: 18.OCT.2019 10:38:26

Band26-3MHz-16QAM-26915-15RB#0-2.679

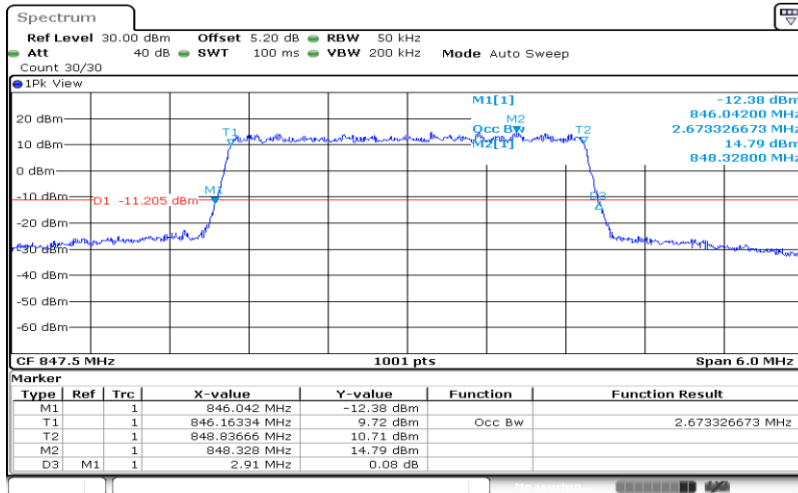


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Date: 18.OCT.2019 10:38:51

Band26-3MHz-16QAM-27025-15RB#0-2.673

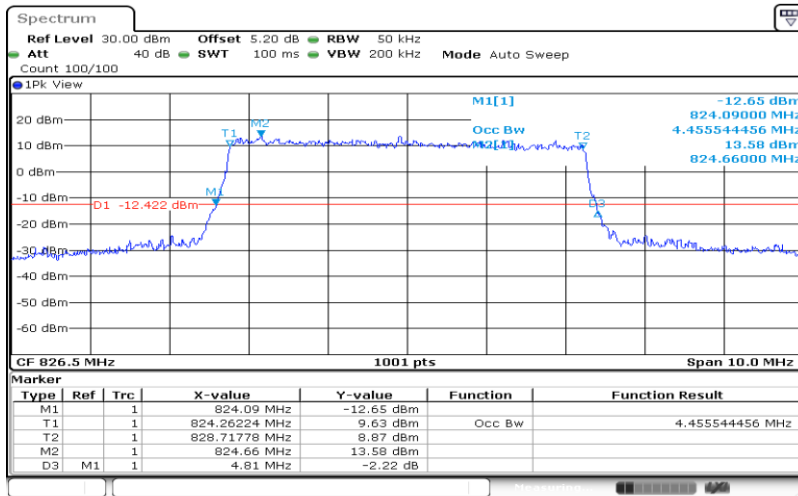


Date: 18.OCT.2019 10:39:18

Band26-5MHz-QPSK-26815-25RB#0-4.456

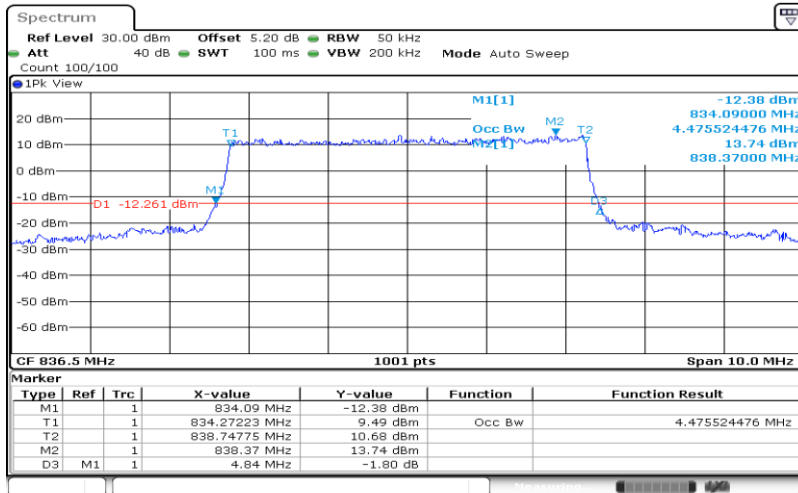


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Date: 18.OCT.2019 10:39:42

Band26-5MHz-QPSK-26915-25RB#0-4.476

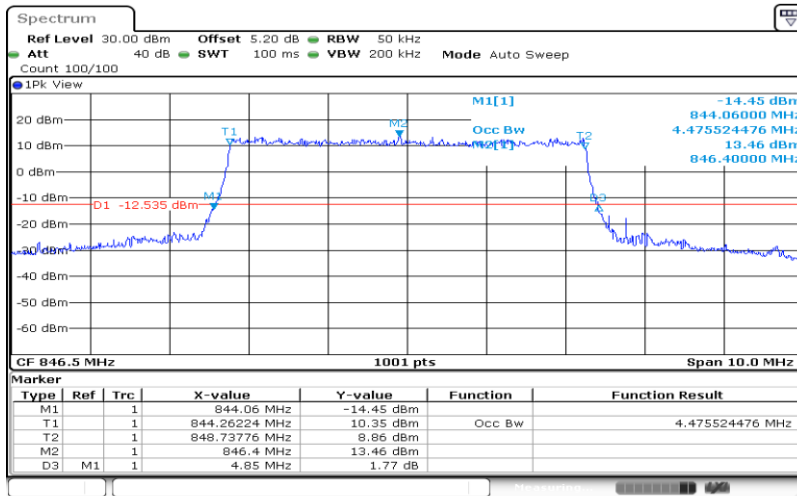


Date: 18.OCT.2019 10:40:22

Band26-5MHz-QPSK-27015-25RB#0-4.476

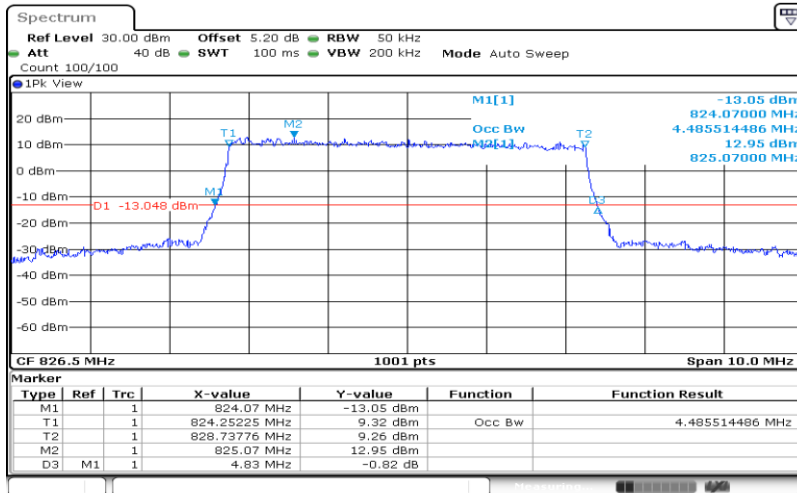


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Date: 18.OCT.2019 10:41:02

Band26-5MHz-16QAM-26815-25RB#0-4.486

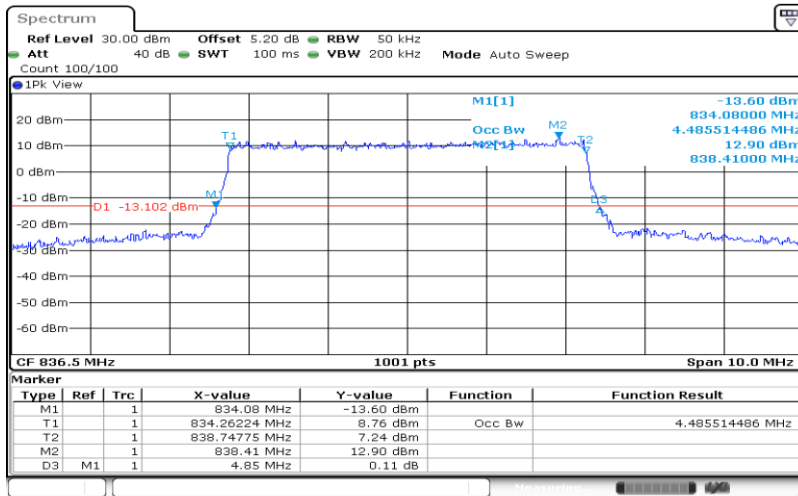


Date: 18.OCT.2019 10:40:02

Band26-5MHz-16QAM-26915-25RB#0-4.486

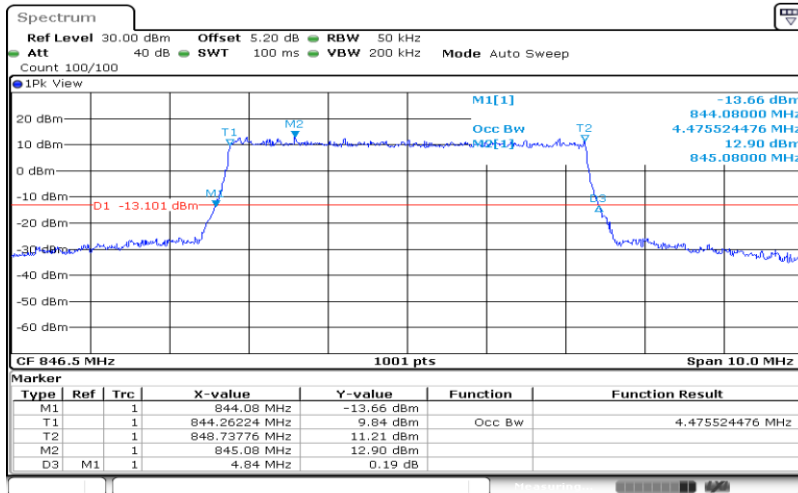


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Date: 18.OCT.2019 10:40:42

Band26-5MHz-16QAM-27015-25RB#0-4.476

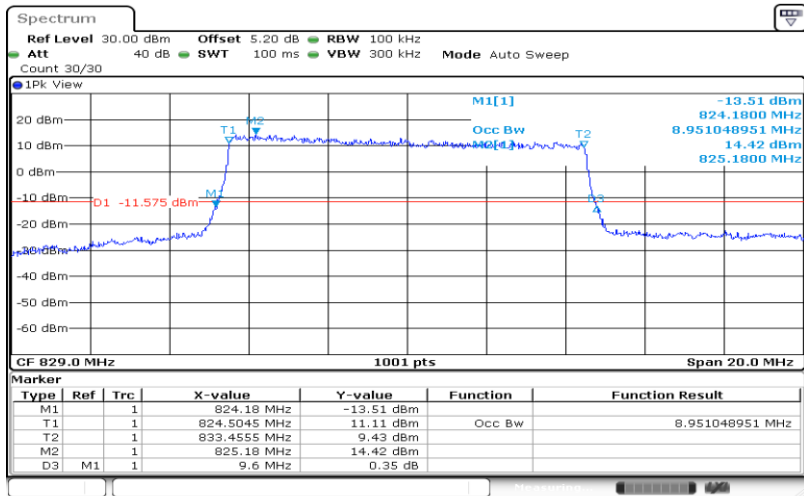


Date: 18.OCT.2019 10:41:22

Band26-10MHz-QPSK-26840-50RB#0-8.951

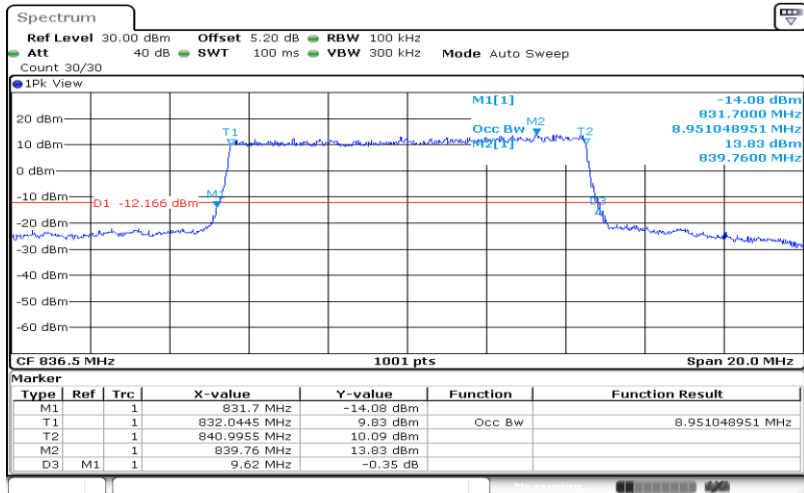


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Date: 18.OCT.2019 10:41:39

Band26-10MHz-QPSK-26915-50RB#0-8.951

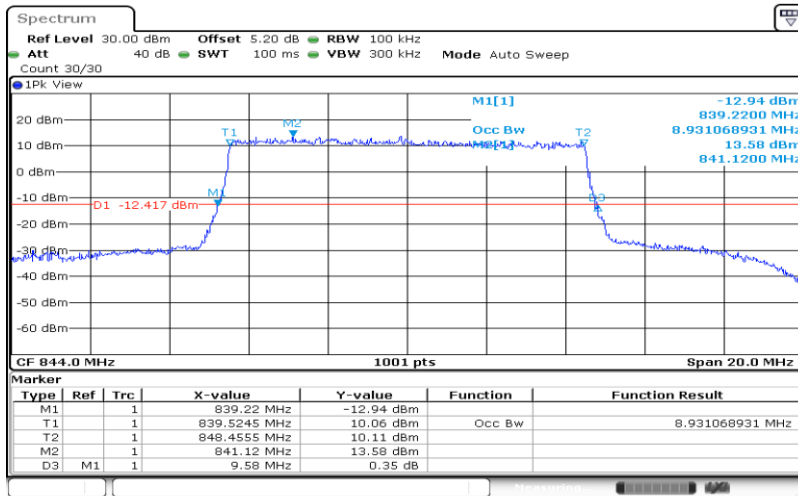


Date: 18.OCT.2019 10:42:05

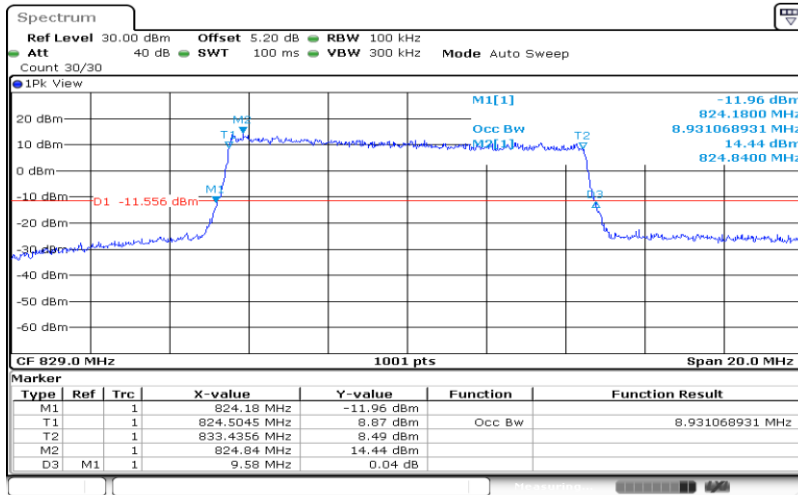
Band26-10MHz-QPSK-26990-50RB#0-8.931



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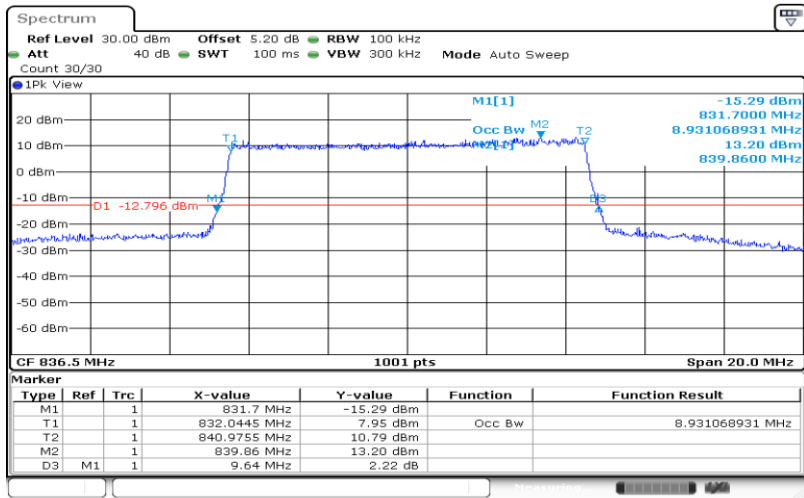
Band26-10MHz-16QAM-26840-50RB#0-8.931



Band26-10MHz-16QAM-26915-50RB#0-8.931

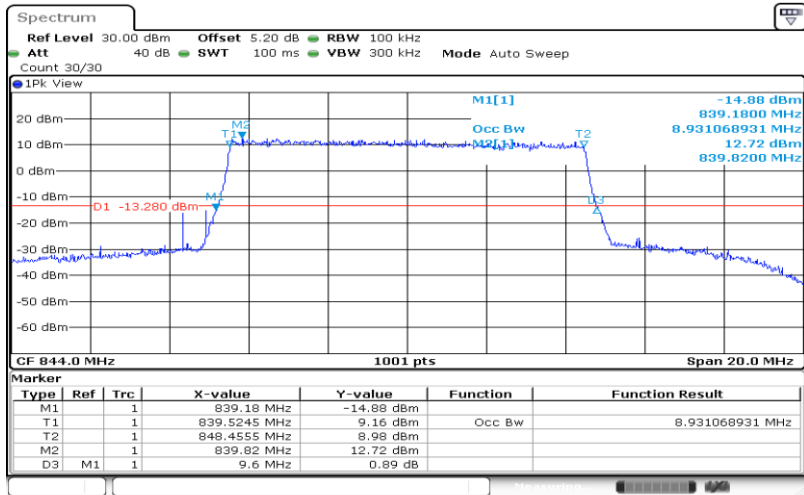


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Date: 18.OCT.2019 10:42:18

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

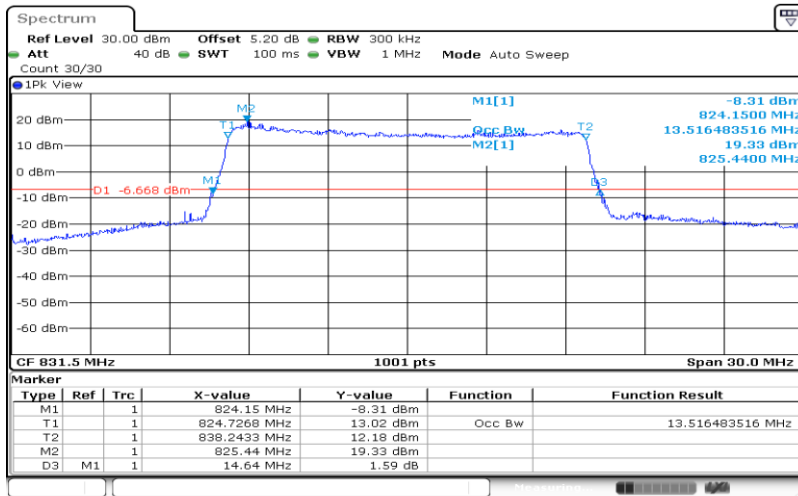


Date: 18.OCT.2019 10:42:44

Band26-15MHz-QPSK-26865-75RB#0-13.516

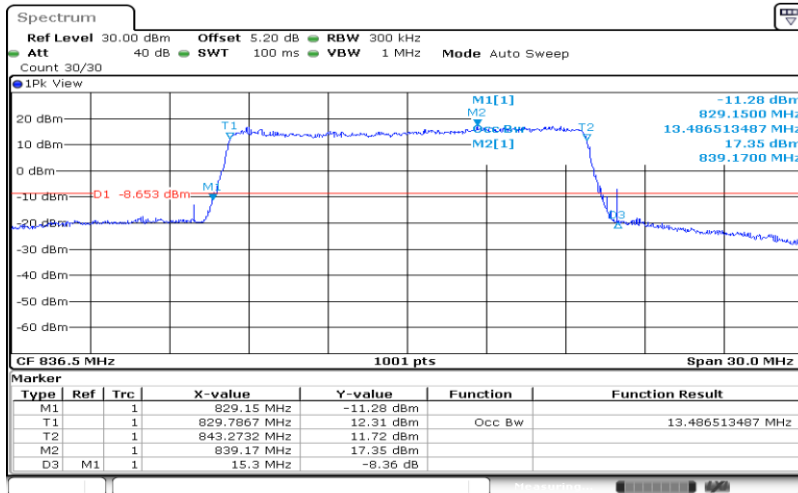


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Date: 18.OCT.2019 10:43:02

Band26-15MHz-QPSK-26915-75RB#0-13.487

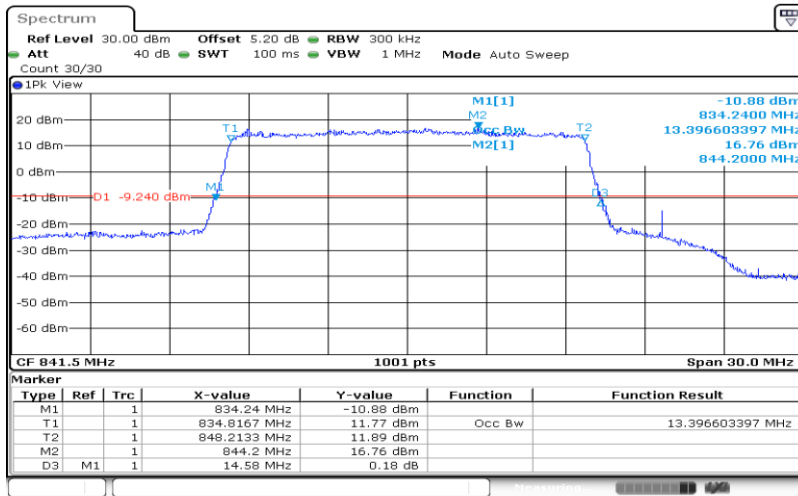


Date: 18.OCT.2019 10:43:28

Band26-15MHz-QPSK-26965-75RB#0-13.397

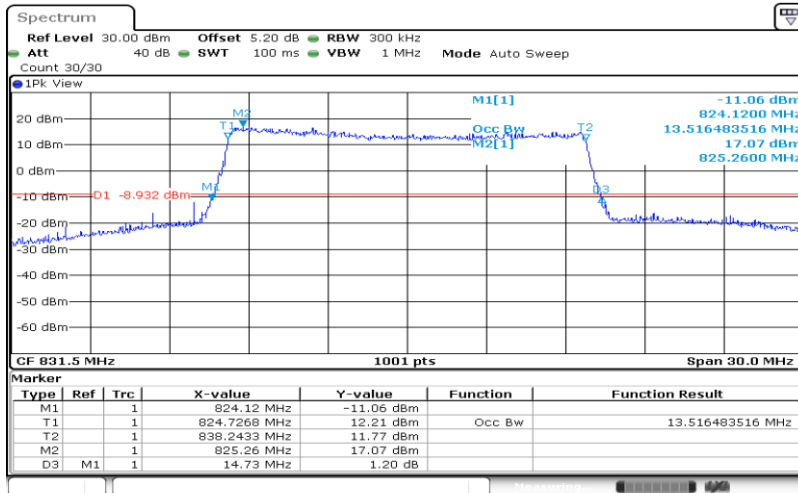


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Date: 18.OCT.2019 10:43:53

Band26-15MHz-16QAM-26865-75RB#0-13.516

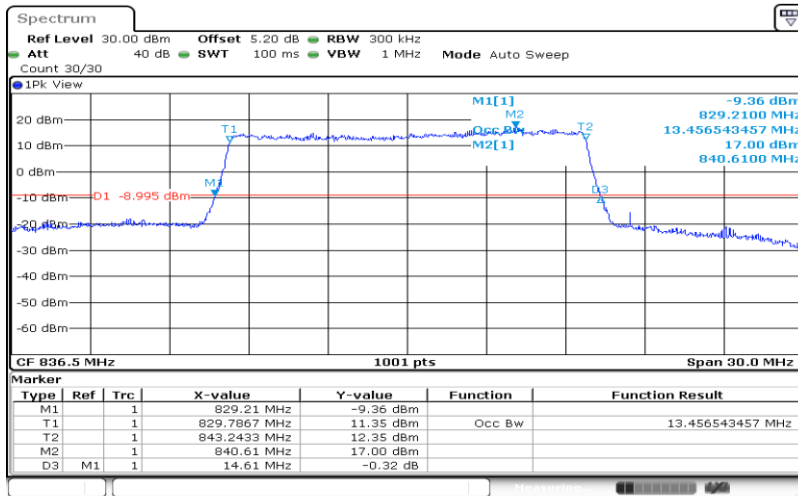


Date: 18.OCT.2019 10:43:15

Band26-15MHz-16QAM-26915-75RB#0-13.457

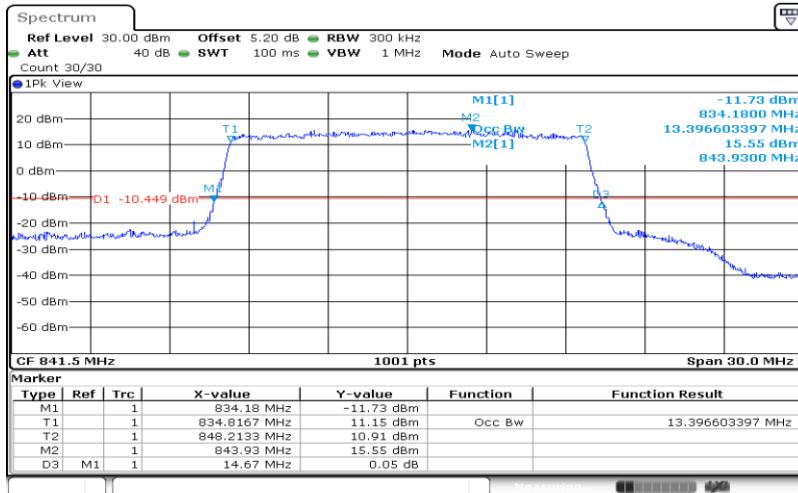


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Date: 18.OCT.2019 10:43:40

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



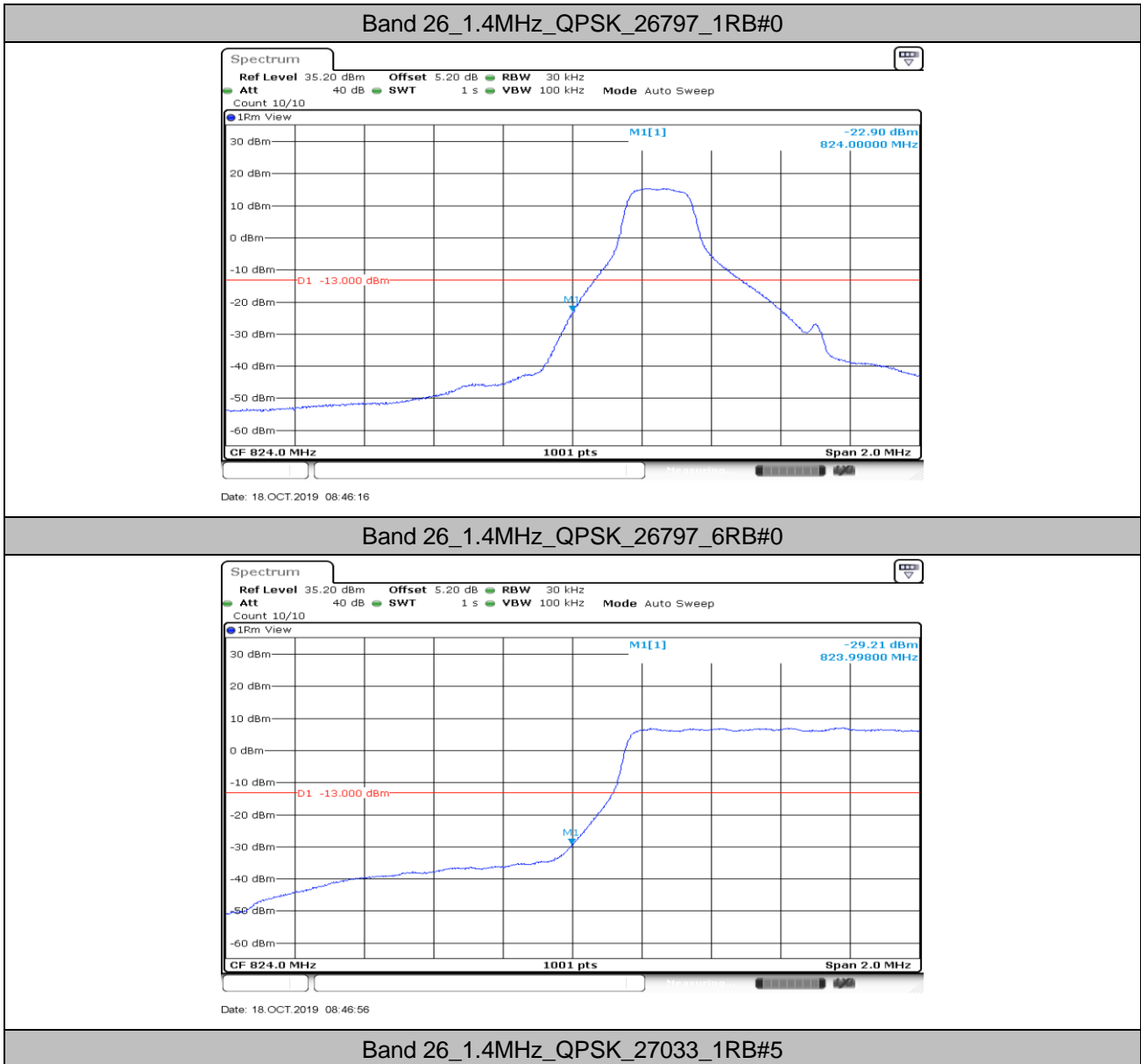
Date: 18.OCT.2019 10:44:07



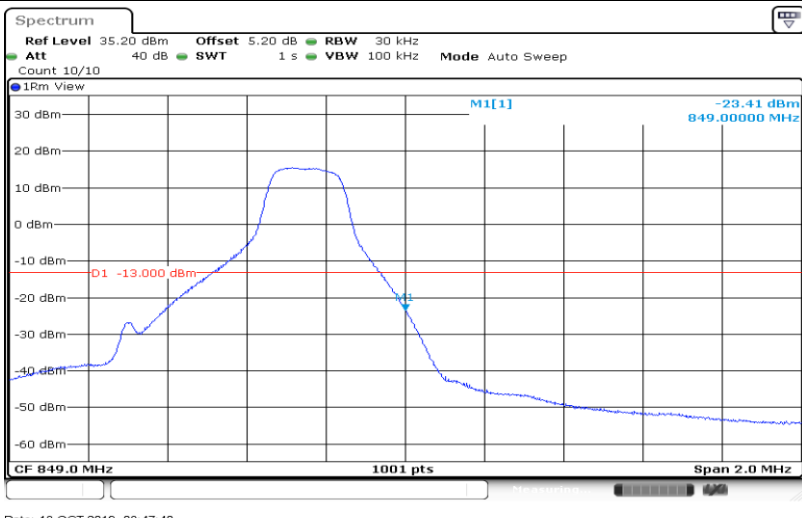
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5. Band Edge Compliance

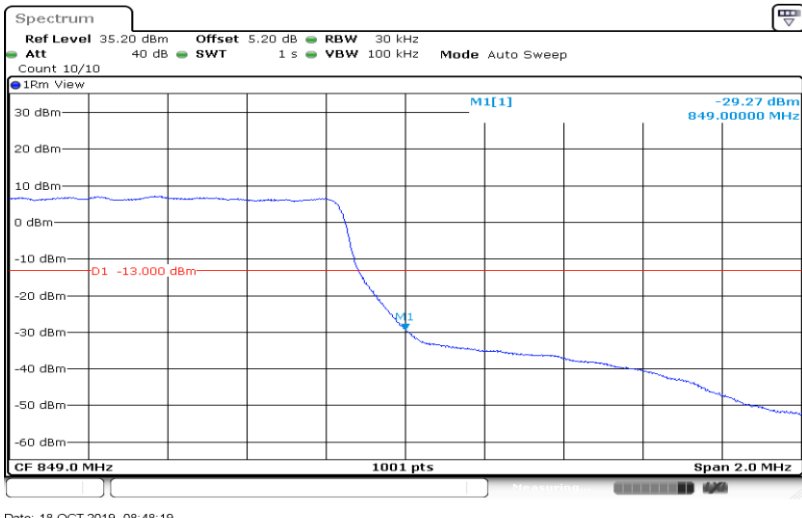
5.1. Test Plots



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Band 26_1.4MHz_QPSK_27033_6RB#0

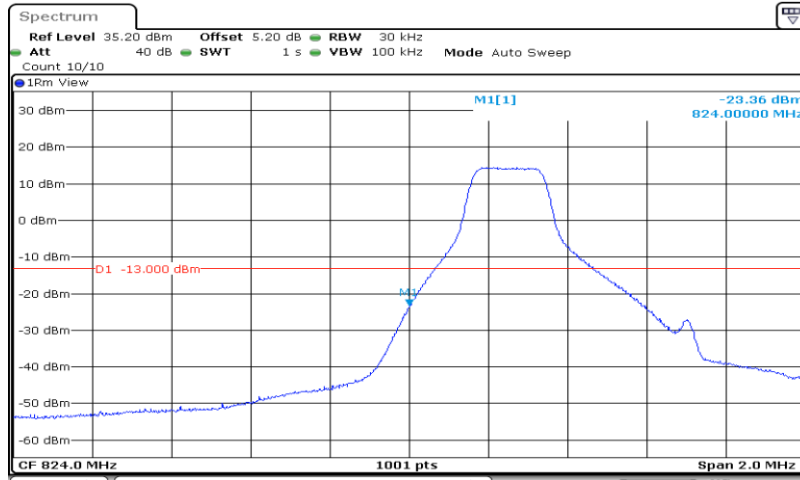


Band 26_1.4MHz_16QAM_26797_1RB#0



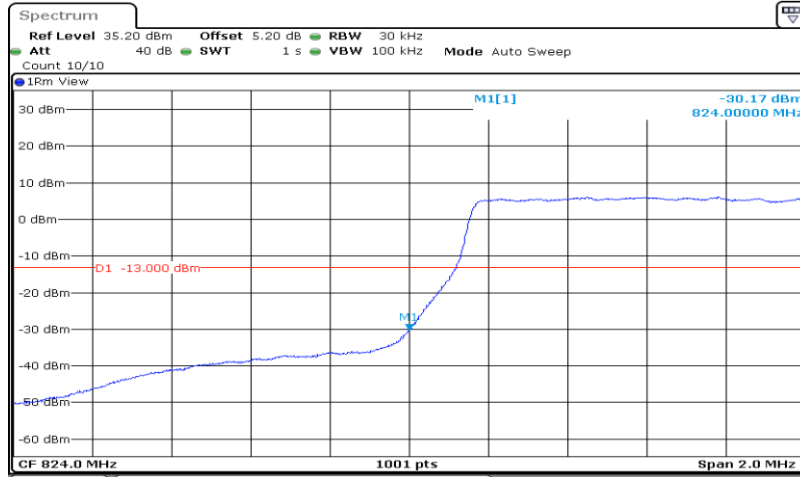
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Date: 18.OCT.2019 08:46:36

Band 26_1.4MHz_16QAM_26797_6RB#0



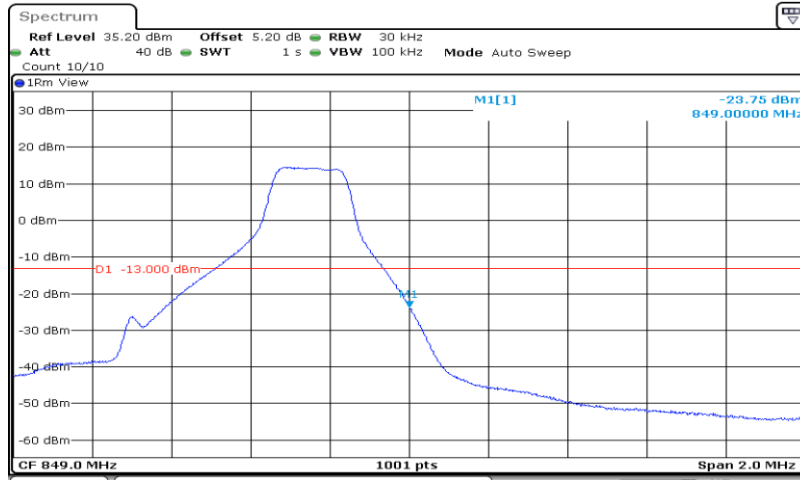
Date: 18.OCT.2019 08:47:16

Band 26_1.4MHz_16QAM_27033_1RB#5



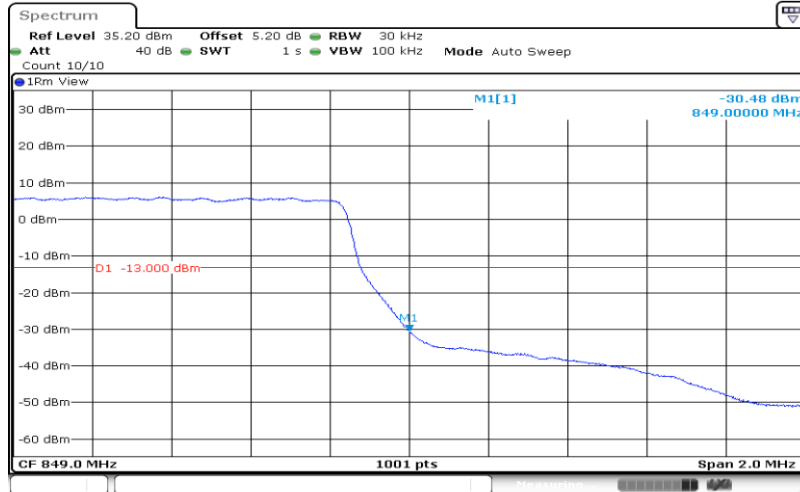
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Date: 18.OCT.2019 08:47:59

Band 26_1.4MHz_16QAM_27033_6RB#0

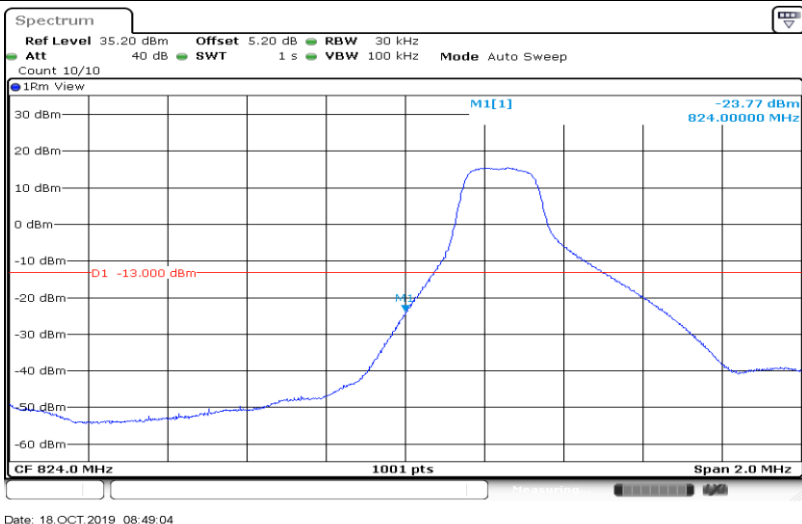


Date: 18.OCT.2019 08:48:39

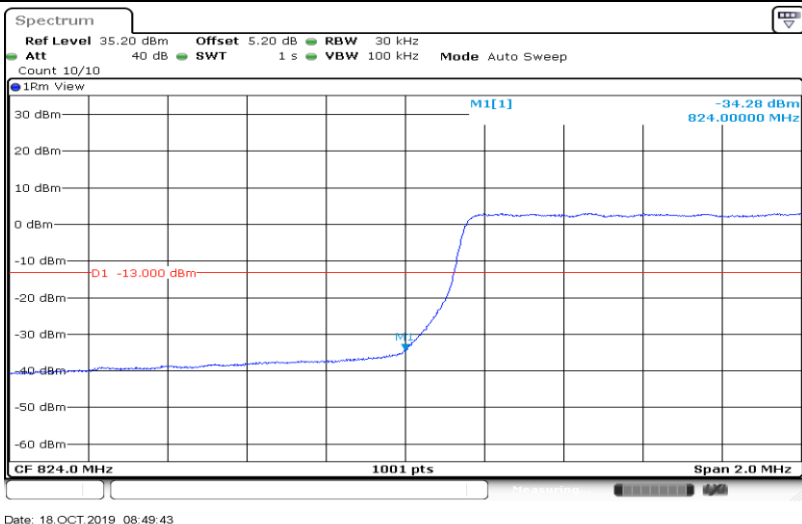
Band 26_3MHz_QPSK_26805_1RB#0



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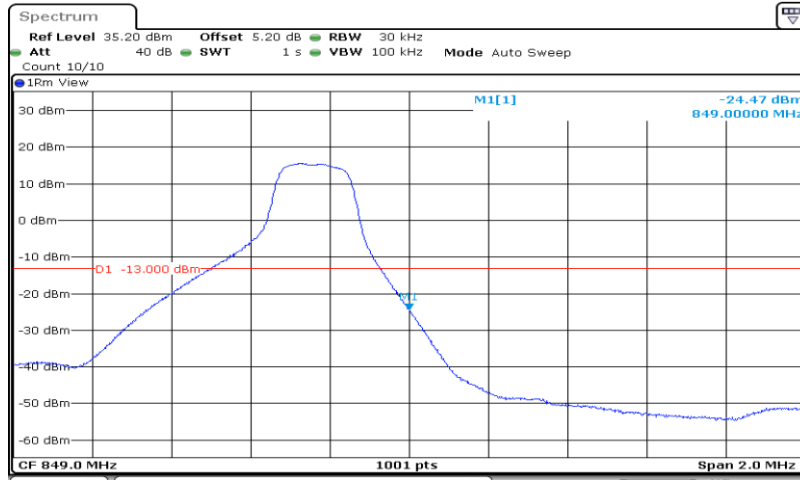
Band 26_3MHz_QPSK_26805_15RB#0



Band 26_3MHz_QPSK_27025_1RB#14

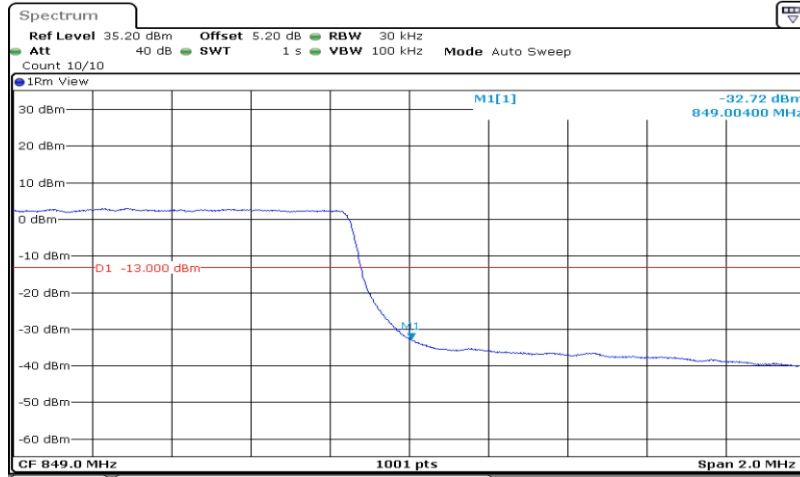


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Date: 18.OCT.2019 08:50:27

Band 26_3MHz_QPSK_27025_15RB#0

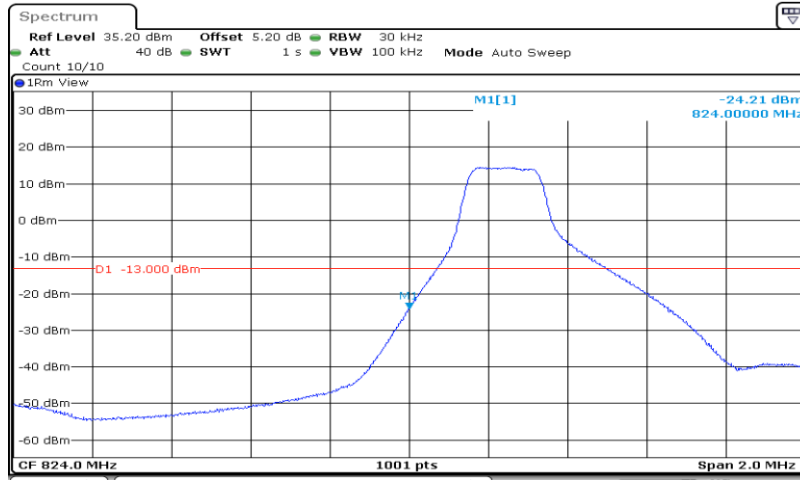


Date: 18.OCT.2019 08:51:06

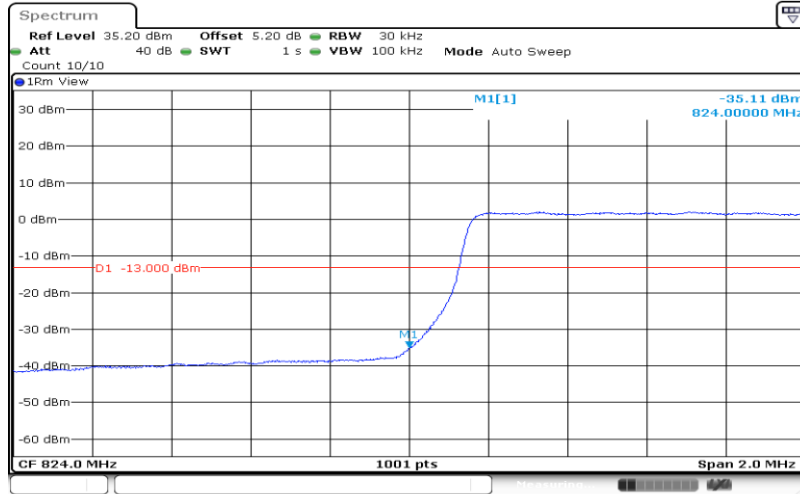
Band 26_3MHz_16QAM_26805_1RB#0



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Band 26_3MHz_16QAM_26805_15RB#0

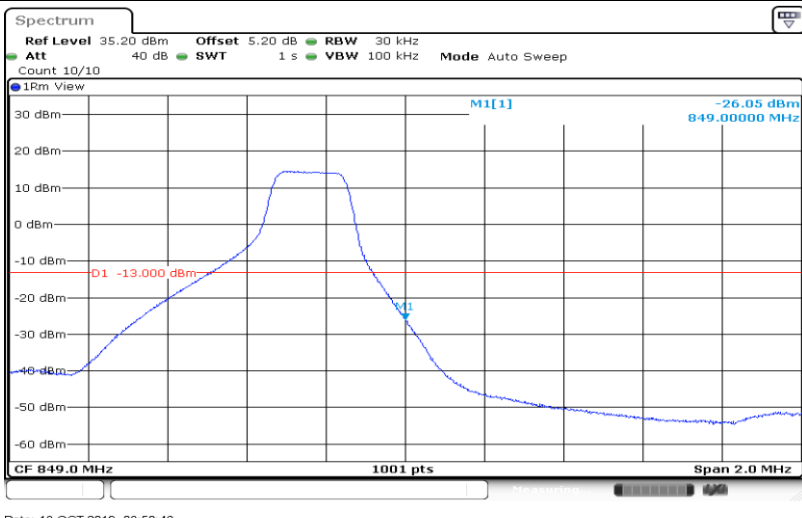


Band 26_3MHz_16QAM_27025_1RB#14

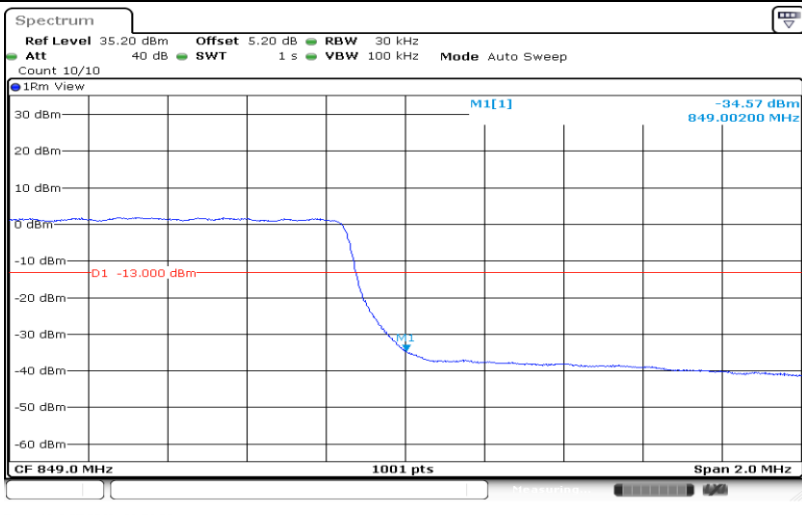


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Band 26_3MHz_16QAM_27025_15RB#0



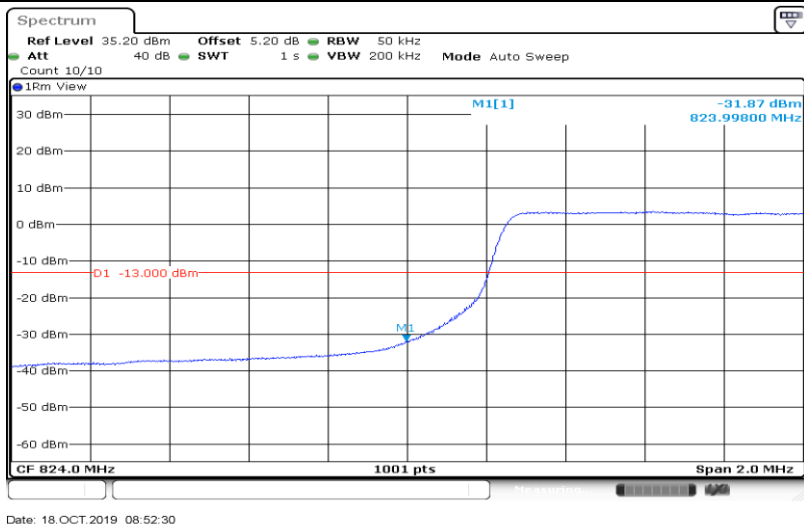
Band 26_5MHz_QPSK_26815_1RB#0



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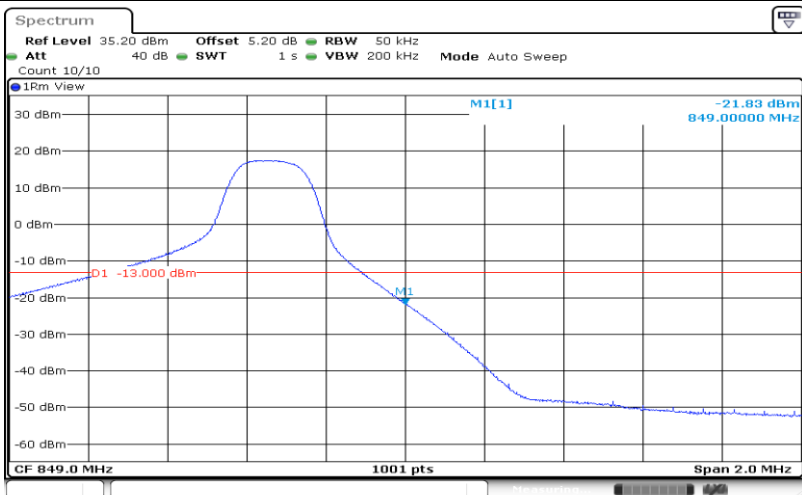
Band 26_5MHz_QPSK_26815_25RB#0



Band 26_5MHz_QPSK_27015_1RB#24

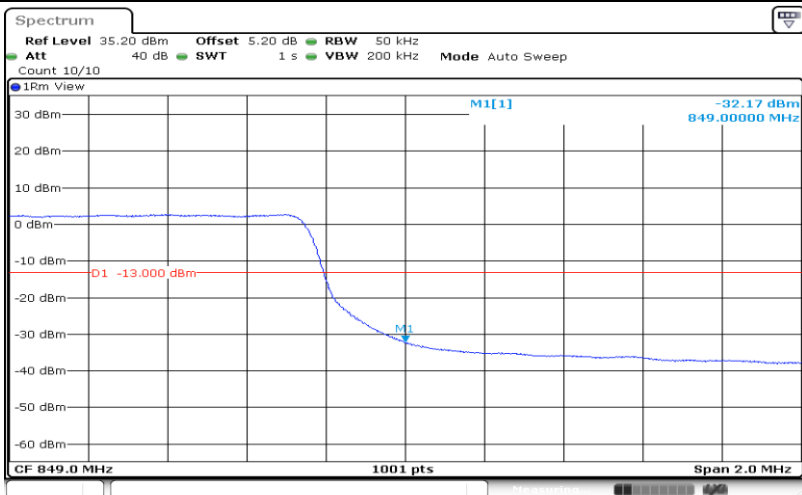


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Date: 18.OCT.2019 08:53:14

Band 26_5MHz_QPSK_27015_25RB#

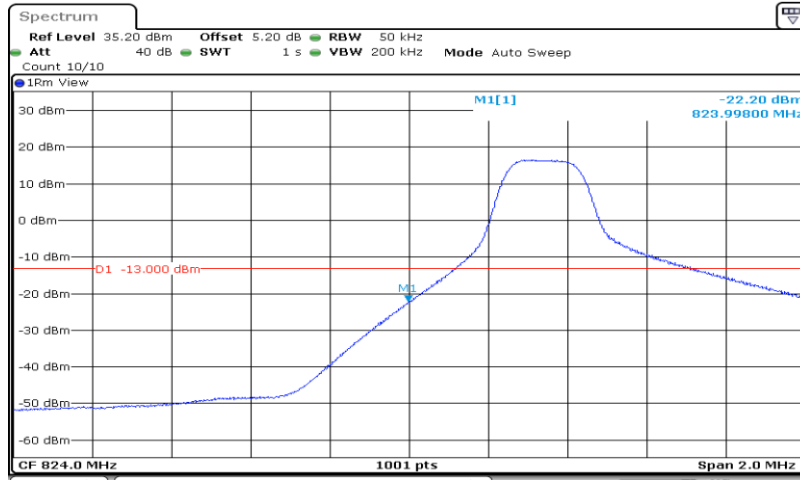


Date: 18.OCT.2019 08:53:53

Band 26_5MHz_16QAM_26815_1RB#

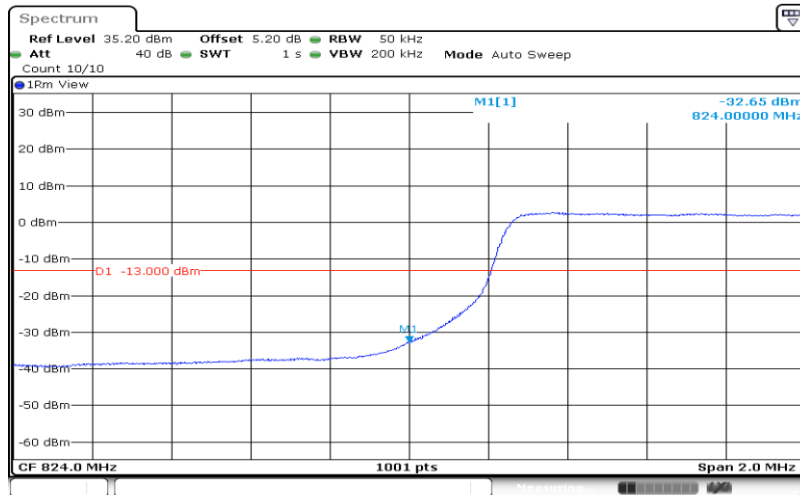


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Date: 18.OCT.2019 08:52:11

Band 26_5MHz_16QAM_26815_25RB#0

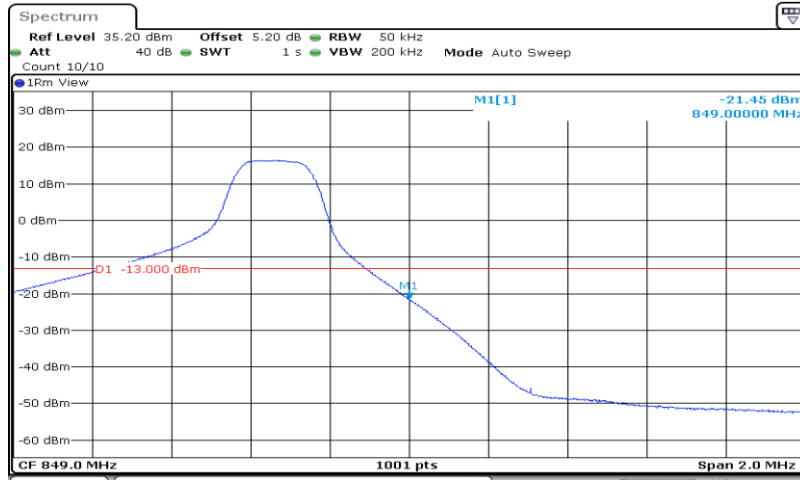


Date: 18.OCT.2019 08:52:50

Band 26_5MHz_16QAM_27015_1RB#24

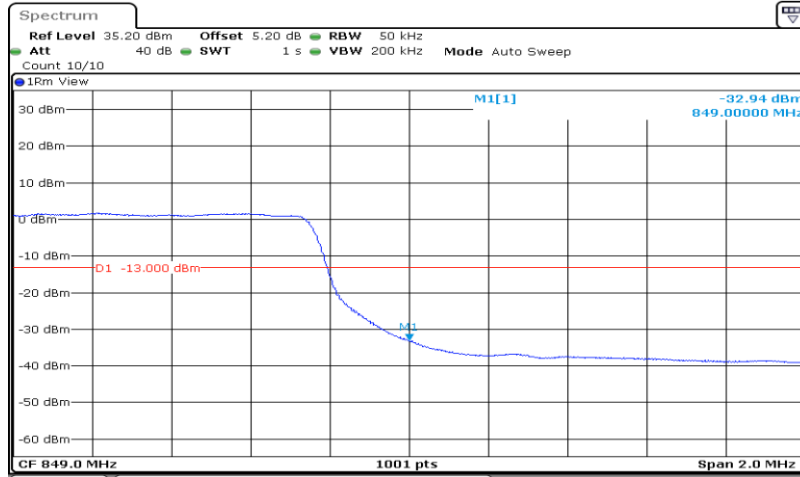


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Date: 18.OCT.2019 08:53:33

Band 26_5MHz_16QAM_27015_25RB#0

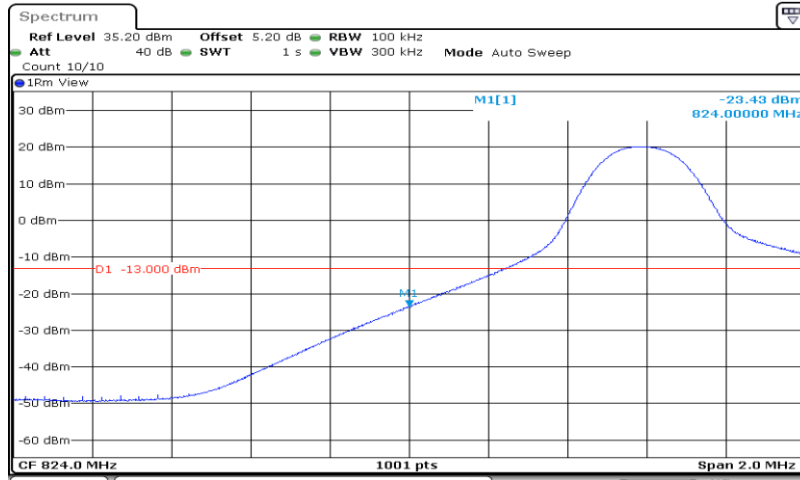


Date: 18.OCT.2019 08:54:13

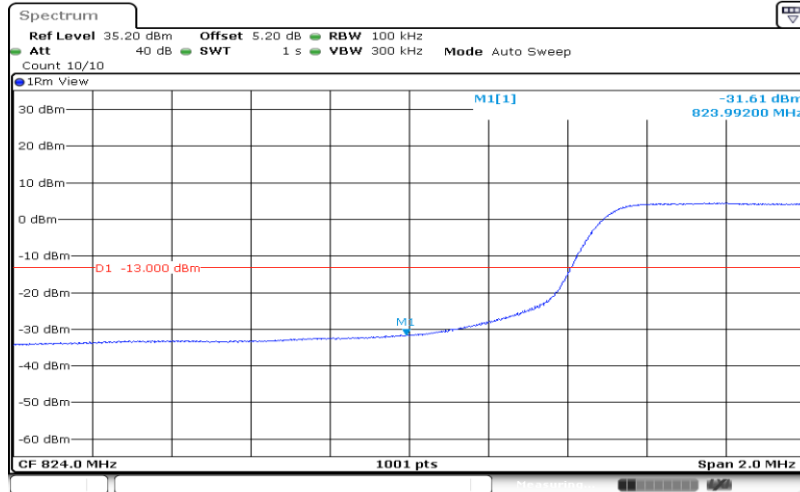
Band 26_10MHz_QPSK_26840_1RB#0



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Band 26_10MHz_QPSK_26840_50RB#0

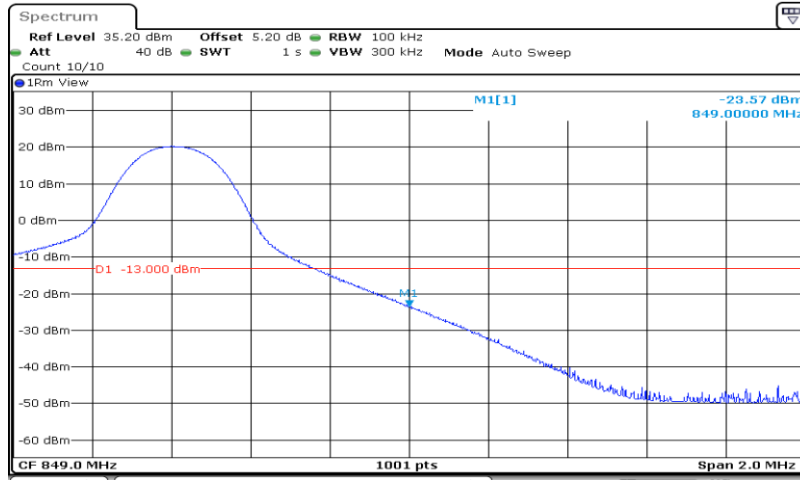


Band 26_10MHz_QPSK_26990_1RB#49



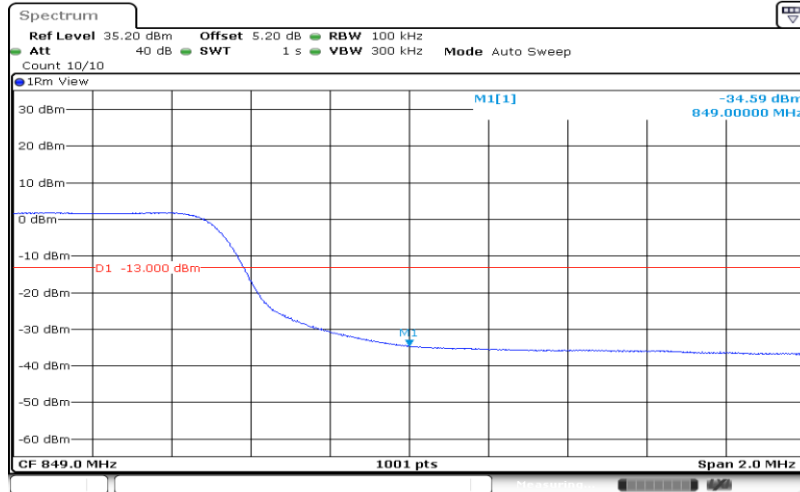
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Date: 18.OCT.2019 08:56:00

Band 26_10MHz_QPSK_26990_50RB#0



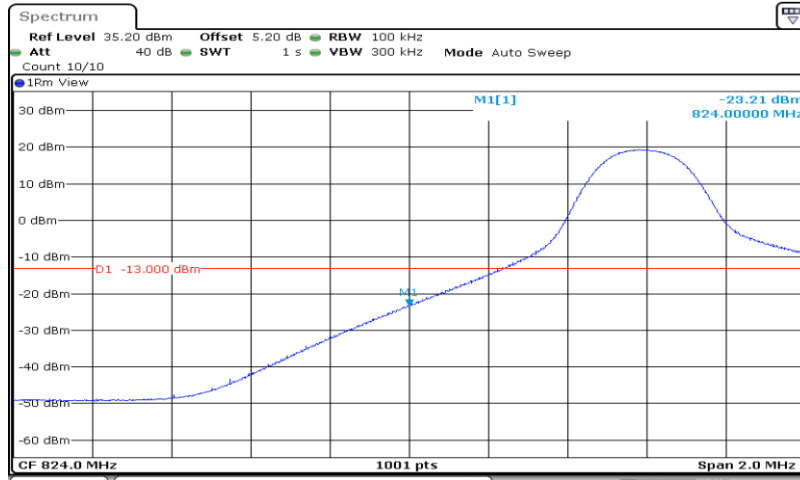
Date: 18.OCT.2019 08:56:39

Band 26_10MHz_16QAM_26840_1RB#0



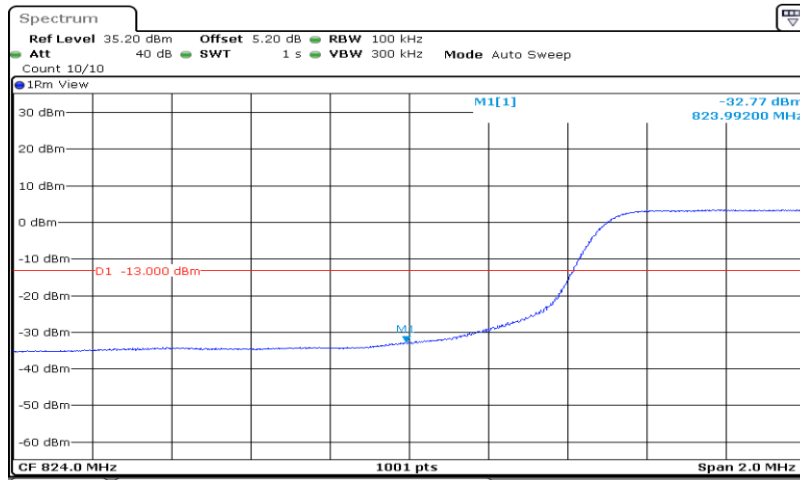
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Date: 18.OCT.2019 08:54:57

Band 26_10MHz_16QAM_26840_50RB#0

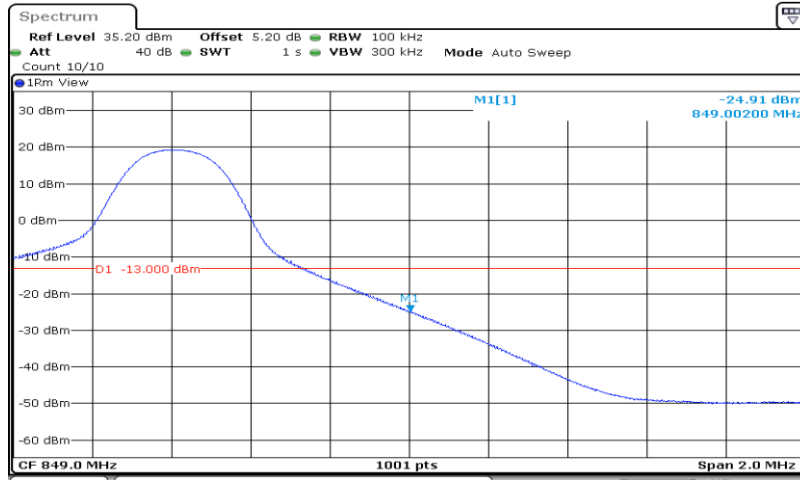


Date: 18.OCT.2019 08:55:36

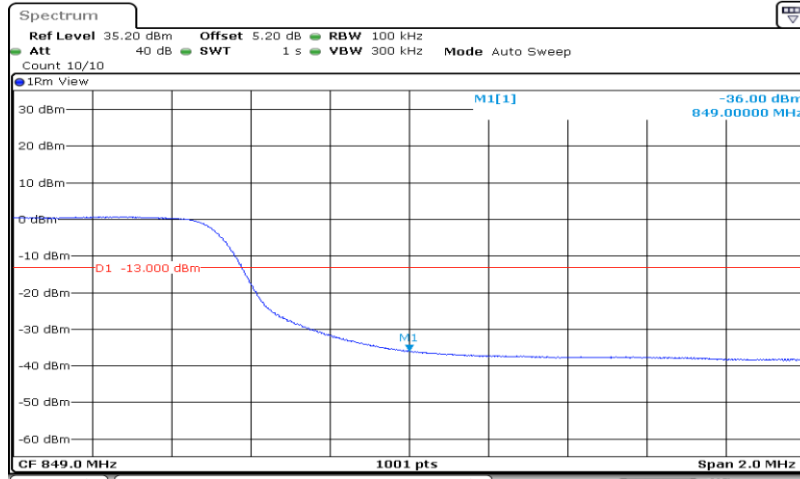
Band 26_10MHz_16QAM_26990_1RB#49



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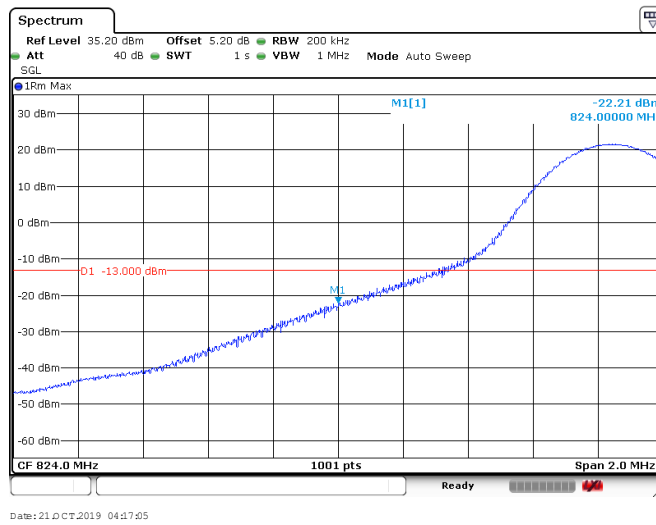
Band 26_10MHz_16QAM_26990_50RB#0



Band 26_15MHz_QPSK_26865_1RB#0

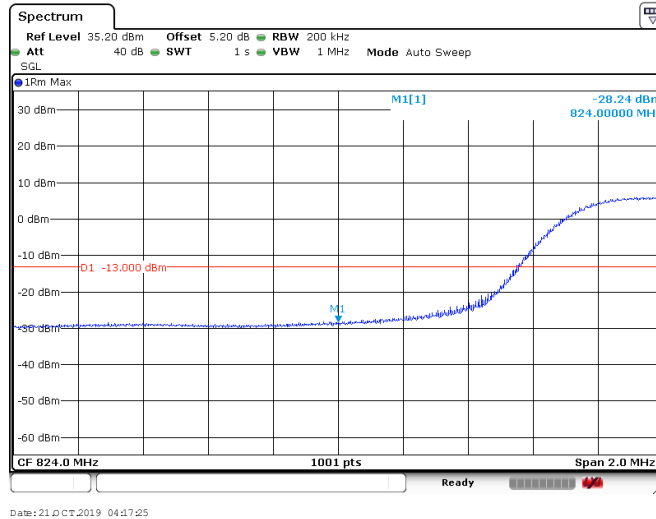


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Date: 21 OCT 2019 04:17:05

Band 26_15MHz_QPSK_26865_75RB#0

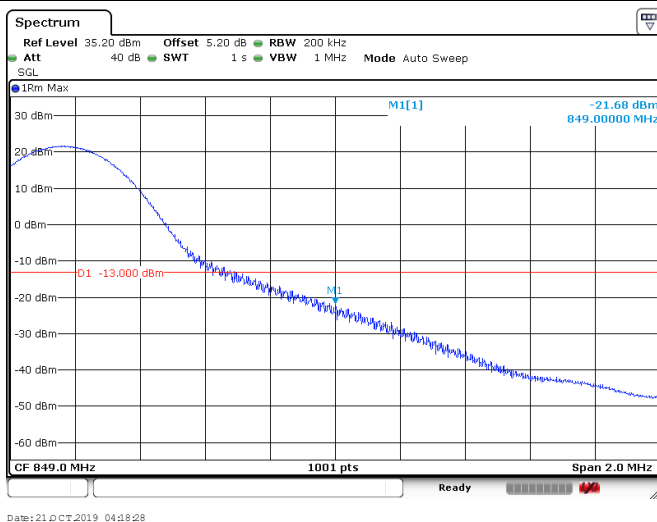


Date: 21 OCT 2019 04:17:25

Band 26_15MHz_QPSK_26965_1RB#74

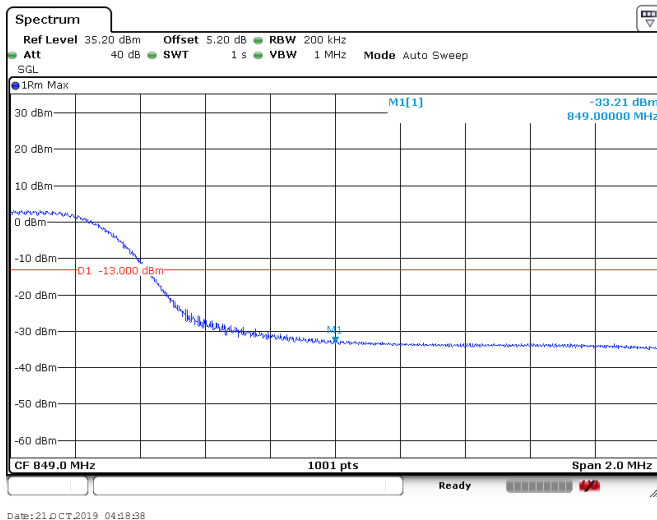


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Date: 21 OCT 2019 04:18:28

Band 26_15MHz_QPSK_26965_75RB#0

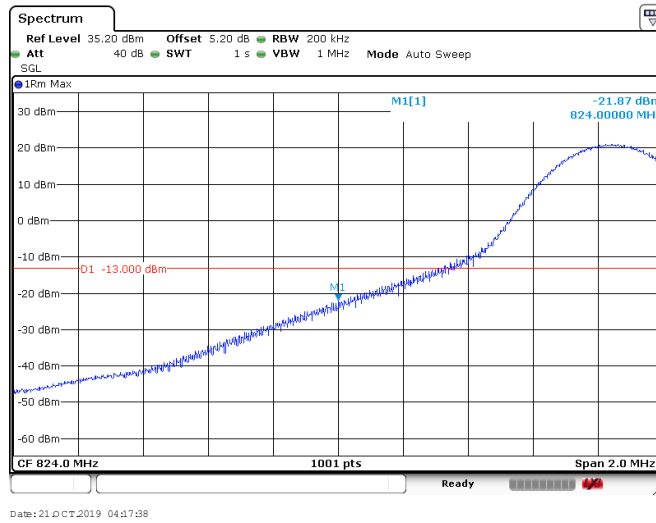


Date: 21 OCT 2019 04:18:38

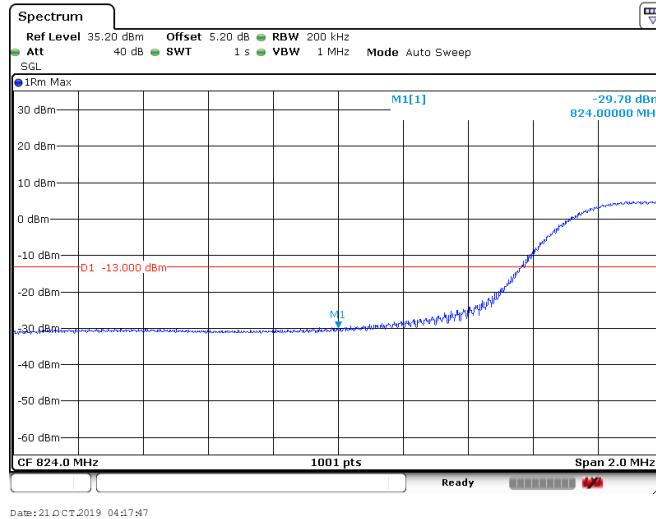
Band 26_15MHz_16QAM_26865_1RB#0



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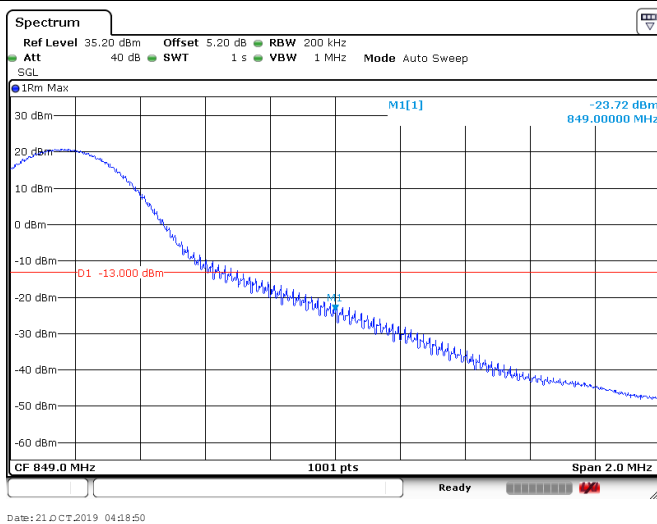
Band 26_15MHz_16QAM_26865_75RB#0



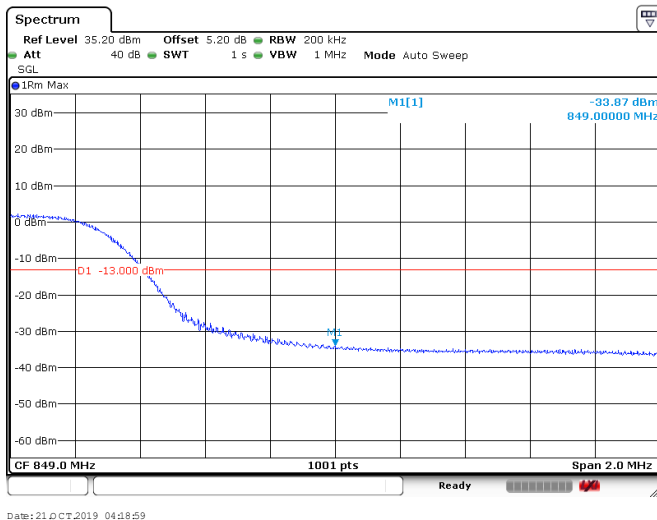
Band 26_15MHz_16QAM_26965_1RB#74



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Band 26_15MHz_16QAM_26965_75RB#0



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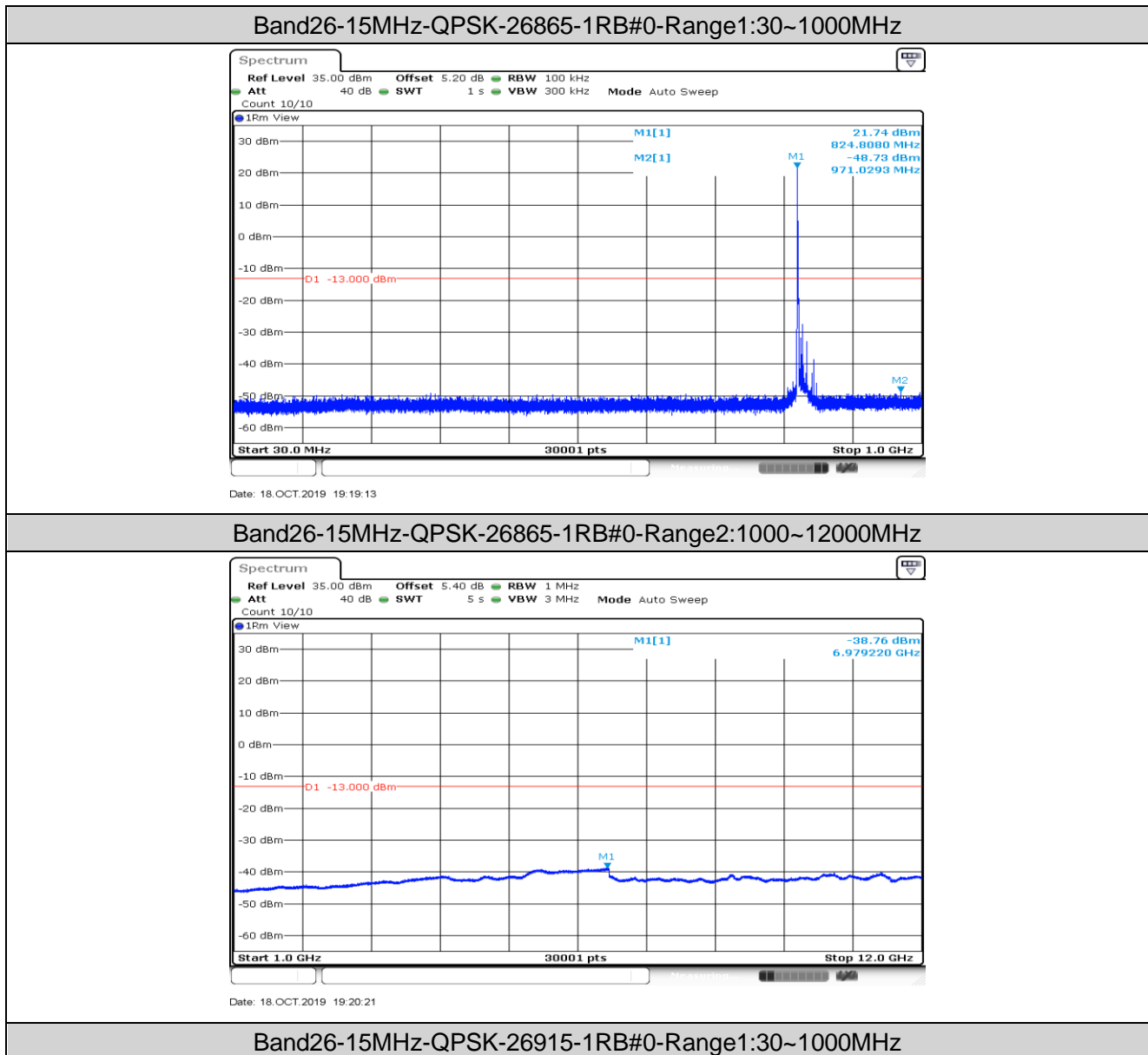
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6. Spurious Emission at Antenna Terminal

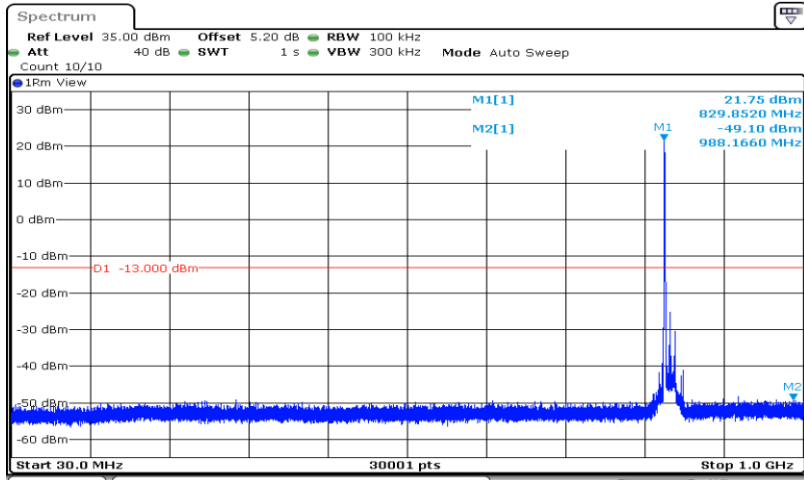
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " 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

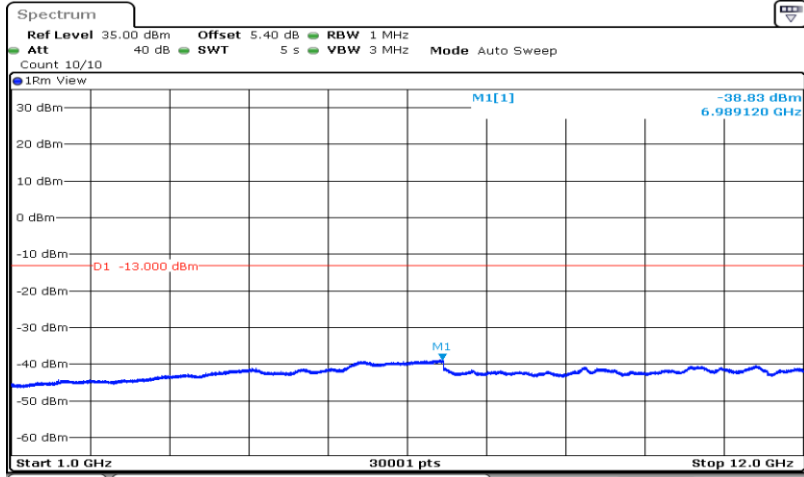


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Date: 18.OCT.2019 19:22:07

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

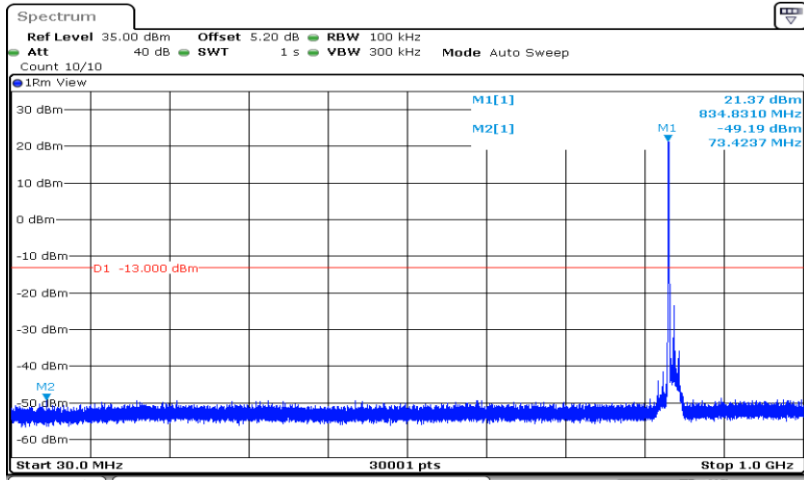


Date: 18.OCT.2019 19:23:14

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

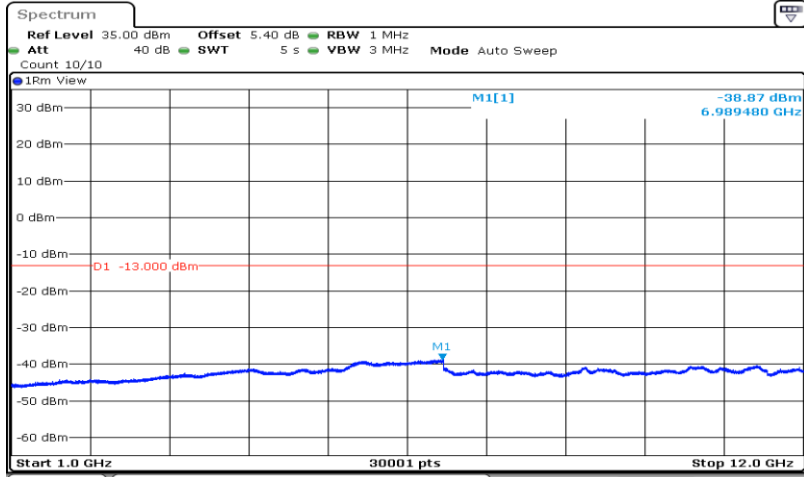


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Date: 18.OCT.2019 19:25:01

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

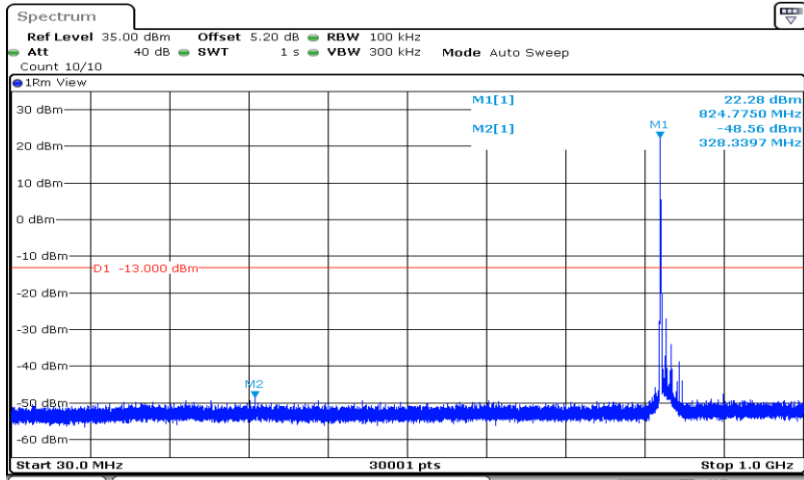


Date: 18.OCT.2019 19:26:08

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

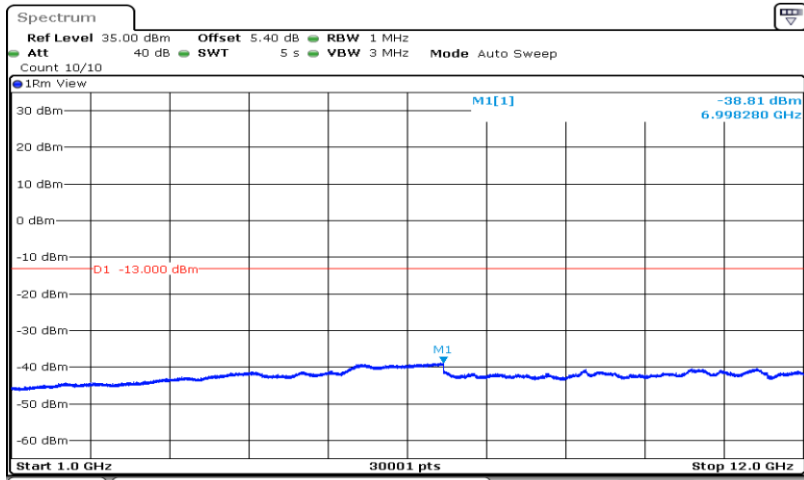


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Date: 18.OCT.2019 19:20:40

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



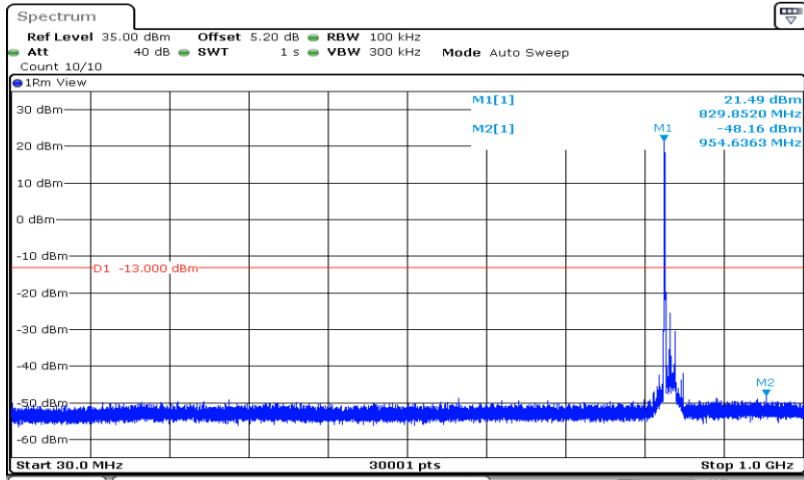
Date: 18.OCT.2019 19:21:47

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



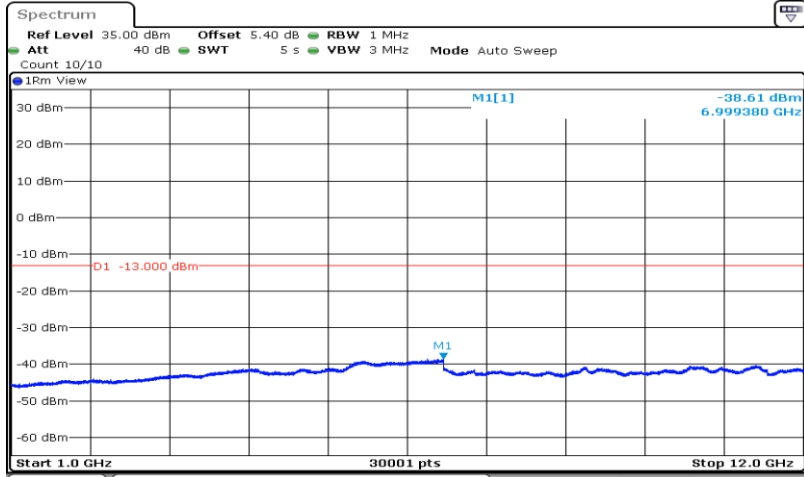
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Date: 18.OCT.2019 19:23:34

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



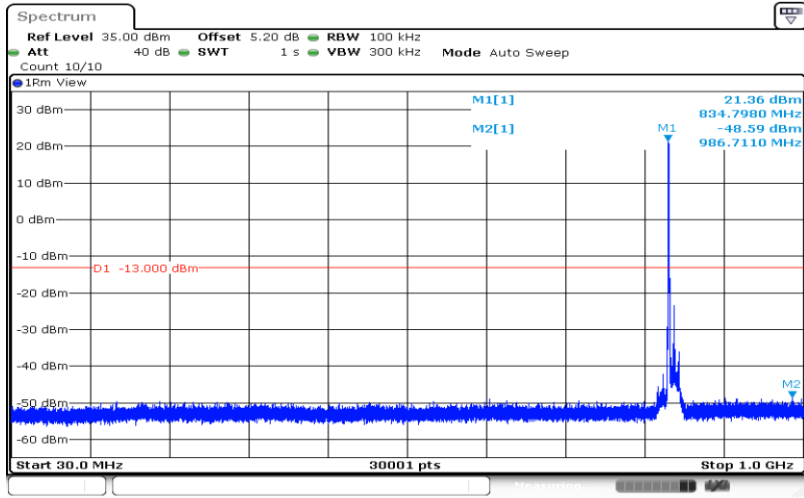
Date: 18.OCT.2019 19:24:41

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



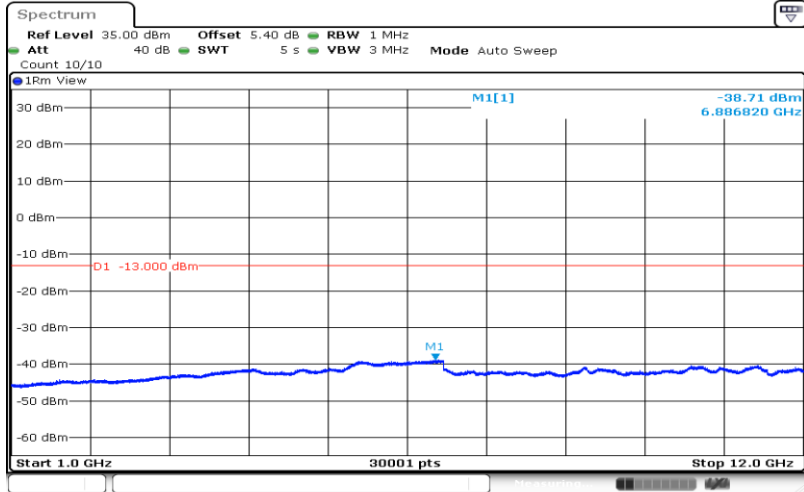
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Date: 18.OCT.2019 19:26:28

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



Date: 18.OCT.2019 19:27:35



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 15MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
109.7865	-62.64	-13.00	49.64	Vertical
999.0785	-54.22	-13.00	41.22	Vertical
1599.7199	-63.02	-13.00	50.02	Vertical
2439.4879	-53.54	-13.00	40.54	Vertical
2994.7990	-55.88	-13.00	42.88	Vertical
7392.9464	-52.62	-13.00	39.62	Vertical
43.7262	-62.97	-13.00	49.97	Horizontal
239.8700	-66.00	-13.00	53.00	Horizontal
998.9814	-54.57	-13.00	41.57	Horizontal
1762.1524	-59.14	-13.00	46.14	Horizontal
2446.6893	-49.40	-13.00	36.40	Horizontal
7478.1493	-53.28	-13.00	40.28	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
48.7704	-69.86	-13.00	56.86	Vertical
114.7822	-63.36	-13.00	50.36	Vertical
994.8587	-54.50	-13.00	41.50	Vertical
2578.3157	-49.87	-13.00	36.87	Vertical
5126.6709	-56.01	-13.00	43.01	Vertical
8040.7680	-52.28	-13.00	39.28	Vertical
44.2112	-62.53	-13.00	49.53	Horizontal
238.8029	-67.01	-13.00	54.01	Horizontal
999.4180	-54.41	-13.00	41.41	Horizontal
1937.7876	-53.38	-13.00	40.38	Horizontal
2699.1398	-55.57	-13.00	42.57	Horizontal
8486.3829	-52.23	-13.00	39.23	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
112.2116	-63.40	-13.00	50.40	Vertical
615.3273	-61.90	-13.00	48.90	Vertical
990.5420	-54.71	-13.00	41.71	Vertical
1166.4333	-64.83	-13.00	51.83	Vertical
2582.3165	-40.52	-13.00	27.52	Vertical
7905.9635	-52.43	-13.00	39.43	Vertical
44.0172	-62.98	-13.00	49.98	Horizontal
240.6945	-65.80	-13.00	52.80	Horizontal
996.4108	-54.49	-13.00	41.49	Horizontal
1746.1492	-60.52	-13.00	47.52	Horizontal
2694.7389	-55.68	-13.00	42.68	Horizontal
7472.1491	-52.73	-13.00	39.73	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	-3.00	-0.003608	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	VN	NT	-2.70	-0.003247	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	VH	NT	-2.60	-0.003127	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VL	NT	-5.20	-0.006216	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VN	NT	-4.70	-0.005619	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VH	NT	-8.50	-0.010161	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VL	NT	-7.00	-0.008318	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VN	NT	-6.60	-0.007843	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	VH	NT	-9.80	-0.011646	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	VL	NT	-2.40	-0.002886	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	VN	NT	-9.80	-0.011786	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	VH	NT	-5.50	-0.006615	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VL	NT	-9.50	-0.011357	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VN	NT	-11.10	-0.013270	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	VH	NT	-3.90	-0.004662	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VL	NT	-4.50	-0.005348	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VN	NT	-5.40	-0.006417	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	VH	NT	-9.30	-0.011052	±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	-2.70	-0.003247	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	-20	-2.30	-0.002766	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	0	-8.00	-0.009621	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	10	-9.30	-0.011185	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	20	-0.60	-0.000722	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	30	-6.00	-0.007216	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	40	-5.00	-0.006013	±2.5	PASS
Band26	15MHz	QPSK	26865	75RB#0	NV	50	-6.30	-0.007577	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	-30	-5.20	-0.006216	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	-20	-5.90	-0.007053	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	0	-6.90	-0.008249	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	10	-3.80	-0.004543	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	20	-12.20	-0.014585	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	30	-5.60	-0.006695	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	40	-2.10	-0.002510	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	50	-8.80	-0.010520	±2.5	PASS



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Band26	15MHz	QPSK	26965	75RB#0	NV	-30	-8.40	-0.009982	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	-20	-4.90	-0.005823	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	0	-9.00	-0.010695	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	10	-4.30	-0.005110	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	20	-1.50	-0.001783	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	30	-8.90	-0.010576	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	40	-8.80	-0.010458	±2.5	PASS
Band26	15MHz	QPSK	26965	75RB#0	NV	50	-6.30	-0.007487	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	-30	-4.10	-0.004931	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	-20	-4.50	-0.005412	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	0	-1.80	-0.002165	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	10	0.30	0.000361	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	20	-10.00	-0.012026	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	30	-4.30	-0.005171	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	40	-11.10	-0.013349	±2.5	PASS
Band26	15MHz	16QAM	26865	75RB#0	NV	50	-7.00	-0.008419	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	-30	-2.20	-0.002630	±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	0	-5.30	-0.006336	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	10	-6.60	-0.007890	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	20	-3.70	-0.004423	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	30	-3.20	-0.003825	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	40	-5.50	-0.006575	±2.5	PASS
Band26	15MHz	16QAM	26915	75RB#0	NV	50	-4.20	-0.005021	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	-30	-8.60	-0.010220	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	-20	-1.90	-0.002258	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	0	-8.20	-0.009745	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	10	-2.20	-0.002614	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	20	-10.70	-0.012715	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	30	-7.40	-0.008794	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	40	-4.80	-0.005704	±2.5	PASS
Band26	15MHz	16QAM	26965	75RB#0	NV	50	-2.40	-0.002852	±2.5	PASS

The End



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