

Appendix B

E-UTRA Band 26 (814-824)

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1. Main Test Instruments

RE in Chamber					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date	Cal. Due date
				(yyyy-mm-dd)	(yyyy-mm-dd)
3m Semi-Anechoic Chamber	AUDIX	N/A	SEM001-02	2018/3/13	2021/3/12
Spectrum Analyzer (20Hz-43GHz)	Rohde & Schwarz	FSU43	SEM004-08	2019/3/2	2020/3/1
BiConiLog Antenna (26-3000MHz)	ETS-Lindgren	3142C	SEM003-01	2017/6/27	2020/6/26
Horn Antenna (800MHz-18GHz)	Rohde & Schwarz	HF907	SEM003-07	2018/4/13	2021/4/12
Horn Antenna (15-40GHz)	Schwarzbeck	BBHA 9170	SEM003-15	2017/10/17	2020/10/16
Amplifier (0.1-1300MHz)	HP	8447D	SEM005-02	2019/7/14	2020/7/14
Low Noise Amplifier (100MHz-18GHz)	Black Diamond Series	BDLNA-0118-352810	SEM005-05	2019/7/14	2020/7/14
Pre-Amplifier (0.1-26.5GHz)	Compliance Directions Systems Inc.	PAP-0126	EMC2063	2019/9/20	2020/9/19
Pre-amplifier (26-40GHz)	Compliance Directions Systems Inc.	PAP-2640-50	SEM005-08	2019/3/2	2020/3/1
Band filter	N/A	N/A	N/A	N/A	N/A
Measurement Software	AUDIX	e3 V8.2014-6-27	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM026-01	2019/6/12	2020/6/11
Wideband Radio Communication Tester	Anristu	MT8821C	6201462742	2019/4/3	2020/4/3
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	W005-02	2019/1/13	2020/1/12
RF conducted test					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. date	Cal. Due date
				(yyyy-mm-dd)	(yyyy-mm-dd)
Dual Output Mobile Communication DC Source	Agilent Technologies Inc	66311B	W009-09	2018/11/2	2019/11/1
Signal Analyzer	Rohde & Schwarz	FSV	W005-02	2019/3/2	2020/3/1
Coaxial Cable	SGS	N/A	SEM031-01	2019/6/12	2020/6/11
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2018/11/2	2019/11/1
Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	HTC-1	W006-17	2018/11/2	2019/11/1
Temperature Chamber	GIANT FORCE	ICT-150-40-CP-AR	W027-03	2018/11/2	2019/11/1
Wideband Radio Communication Tester	Anristu	MT8821C	6201462742	2019/3/2	2020/3/1

2. Measurement Uncertainty

For a 95% confidence level ($k = 2$), the measurement expanded uncertainties for defined systems, in accordance with the recommendations of ISO 17025 as following:

Test Item	Extended Uncertainty	Data
Transmit Output Power Data	Power [dBm]	$U = \pm 0.37$ dB
Bandwidth	Magnitude [%]	$U = \pm 0.2\%$
Band Edge Compliance	Disturbance Power [dBm]	$U = \pm 2.0$ dB
Spurious Emissions, Conducted	Disturbance Power [dBm]	$U = \pm 2.0$ dB
Frequency Stability	Frequency Accuracy [ppm]	$U = \pm 0.24$ ppm

3 Effective (Isotropic) Radiated Power

3.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	23.70	19.68	50.00	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	23.58	19.56	50.00	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	23.70	19.68	50.00	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	23.74	19.72	50.00	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	23.60	19.58	50.00	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	23.84	19.82	50.00	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	22.50	18.48	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	23.87	19.85	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	23.87	19.85	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	23.68	19.66	50.00	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	23.70	19.68	50.00	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	23.55	19.53	50.00	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	23.70	19.68	50.00	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	22.71	18.69	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	23.56	19.54	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	23.78	19.76	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	23.87	19.85	50.00	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	23.80	19.78	50.00	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	23.55	19.53	50.00	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	23.72	19.70	50.00	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	22.54	18.52	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	22.54	18.52	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	22.70	18.68	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	22.84	18.82	50.00	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	22.58	18.56	50.00	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	22.80	18.78	50.00	PASS
Band26	1.4MHz	16QAM	26697	3RB#3	22.51	18.49	50.00	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	21.56	17.54	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	22.83	18.81	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	22.59	18.57	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	22.86	18.84	50.00	PASS
Band26	1.4MHz	16QAM	26740	3RB#3	22.76	18.74	50.00	PASS
Band26	1.4MHz	16QAM	26740	3RB#1	22.57	18.55	50.00	PASS
Band26	1.4MHz	16QAM	26740	3RB#0	22.71	18.69	50.00	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	21.66	17.64	50.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	22.70	18.68	50.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	22.55	18.53	50.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	22.72	18.70	50.00	PASS
Band26	1.4MHz	16QAM	26783	3RB#0	22.81	18.79	50.00	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	22.69	18.67	50.00	PASS
Band26	1.4MHz	16QAM	26783	3RB#1	22.90	18.88	50.00	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	21.89	17.87	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#0	23.59	19.57	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#8	23.51	19.49	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#14	23.81	19.79	50.00	PASS

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Band26	3MHz	QPSK	26705	8RB#7	22.61	18.59	50.00	PASS
Band26	3MHz	QPSK	26705	8RB#0	22.83	18.81	50.00	PASS
Band26	3MHz	QPSK	26705	8RB#4	22.62	18.60	50.00	PASS
Band26	3MHz	QPSK	26705	15RB#0	22.64	18.62	50.00	PASS
Band26	3MHz	QPSK	26740	1RB#8	23.62	19.60	50.00	PASS
Band26	3MHz	QPSK	26740	1RB#14	23.76	19.74	50.00	PASS
Band26	3MHz	QPSK	26740	1RB#0	23.68	19.66	50.00	PASS
Band26	3MHz	QPSK	26740	8RB#0	22.79	18.77	50.00	PASS
Band26	3MHz	QPSK	26740	8RB#4	22.61	18.59	50.00	PASS
Band26	3MHz	QPSK	26740	8RB#7	22.58	18.56	50.00	PASS
Band26	3MHz	QPSK	26740	15RB#0	22.54	18.52	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#14	23.88	19.86	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#0	23.74	19.72	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#8	23.75	19.73	50.00	PASS
Band26	3MHz	QPSK	26775	8RB#4	22.74	18.72	50.00	PASS
Band26	3MHz	QPSK	26775	8RB#7	22.66	18.64	50.00	PASS
Band26	3MHz	QPSK	26775	8RB#0	22.73	18.71	50.00	PASS
Band26	3MHz	QPSK	26775	15RB#0	22.69	18.67	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#0	22.65	18.63	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#8	22.52	18.50	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#14	22.64	18.62	50.00	PASS
Band26	3MHz	16QAM	26705	8RB#0	21.62	17.60	50.00	PASS
Band26	3MHz	16QAM	26705	8RB#7	21.67	17.65	50.00	PASS
Band26	3MHz	16QAM	26705	8RB#4	21.75	17.73	50.00	PASS
Band26	3MHz	16QAM	26705	15RB#0	21.90	17.88	50.00	PASS
Band26	3MHz	16QAM	26740	1RB#0	22.70	18.68	50.00	PASS
Band26	3MHz	16QAM	26740	1RB#8	22.52	18.50	50.00	PASS
Band26	3MHz	16QAM	26740	1RB#14	22.66	18.64	50.00	PASS
Band26	3MHz	16QAM	26740	8RB#4	21.56	17.54	50.00	PASS
Band26	3MHz	16QAM	26740	8RB#7	21.86	17.84	50.00	PASS
Band26	3MHz	16QAM	26740	8RB#0	21.79	17.77	50.00	PASS
Band26	3MHz	16QAM	26740	15RB#0	21.50	17.48	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#0	22.87	18.85	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#8	22.62	18.60	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#14	22.88	18.86	50.00	PASS
Band26	3MHz	16QAM	26775	8RB#7	21.50	17.48	50.00	PASS
Band26	3MHz	16QAM	26775	8RB#0	21.85	17.83	50.00	PASS
Band26	3MHz	16QAM	26775	8RB#4	21.58	17.56	50.00	PASS
Band26	3MHz	16QAM	26775	15RB#0	21.58	17.56	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#24	23.75	19.73	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#12	23.65	19.63	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#0	23.51	19.49	50.00	PASS
Band26	5MHz	QPSK	26715	12RB#0	22.81	18.79	50.00	PASS
Band26	5MHz	QPSK	26715	12RB#6	22.58	18.56	50.00	PASS
Band26	5MHz	QPSK	26715	12RB#13	22.71	18.69	50.00	PASS
Band26	5MHz	QPSK	26715	25RB#0	22.82	18.80	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#0	23.77	19.75	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#24	23.77	19.75	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#12	23.64	19.62	50.00	PASS
Band26	5MHz	QPSK	26740	12RB#13	22.61	18.59	50.00	PASS
Band26	5MHz	QPSK	26740	12RB#6	22.63	18.61	50.00	PASS
Band26	5MHz	QPSK	26740	12RB#0	22.74	18.72	50.00	PASS
Band26	5MHz	QPSK	26740	25RB#0	22.86	18.84	50.00	PASS

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Band26	5MHz	QPSK	26765	1RB#24	23.60	19.58	50.00	PASS
Band26	5MHz	QPSK	26765	1RB#12	23.76	19.74	50.00	PASS
Band26	5MHz	QPSK	26765	1RB#0	23.90	19.88	50.00	PASS
Band26	5MHz	QPSK	26765	12RB#13	22.90	18.88	50.00	PASS
Band26	5MHz	QPSK	26765	12RB#6	22.57	18.55	50.00	PASS
Band26	5MHz	QPSK	26765	12RB#0	22.56	18.54	50.00	PASS
Band26	5MHz	QPSK	26765	25RB#0	22.76	18.74	50.00	PASS
Band26	5MHz	16QAM	26715	1RB#12	22.83	18.81	50.00	PASS
Band26	5MHz	16QAM	26715	1RB#24	22.73	18.71	50.00	PASS
Band26	5MHz	16QAM	26715	1RB#0	22.75	18.73	50.00	PASS
Band26	5MHz	16QAM	26715	12RB#6	21.79	17.77	50.00	PASS
Band26	5MHz	16QAM	26715	12RB#13	21.72	17.70	50.00	PASS
Band26	5MHz	16QAM	26715	12RB#0	21.56	17.54	50.00	PASS
Band26	5MHz	16QAM	26715	25RB#0	21.52	17.50	50.00	PASS
Band26	5MHz	16QAM	26740	1RB#12	22.71	18.69	50.00	PASS
Band26	5MHz	16QAM	26740	1RB#24	22.88	18.86	50.00	PASS
Band26	5MHz	16QAM	26740	1RB#0	22.63	18.61	50.00	PASS
Band26	5MHz	16QAM	26740	12RB#13	21.87	17.85	50.00	PASS
Band26	5MHz	16QAM	26740	12RB#6	21.76	17.74	50.00	PASS
Band26	5MHz	16QAM	26740	12RB#0	21.76	17.74	50.00	PASS
Band26	5MHz	16QAM	26740	25RB#0	21.87	17.85	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#12	22.56	18.54	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#24	22.68	18.66	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#0	22.73	18.71	50.00	PASS
Band26	5MHz	16QAM	26765	12RB#0	21.85	17.83	50.00	PASS
Band26	5MHz	16QAM	26765	12RB#13	21.77	17.75	50.00	PASS
Band26	5MHz	16QAM	26765	12RB#6	21.84	17.82	50.00	PASS
Band26	5MHz	16QAM	26765	25RB#0	21.81	17.79	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#49	23.89	19.87	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#0	23.62	19.60	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#24	23.71	19.69	50.00	PASS
Band26	10MHz	QPSK	26740	25RB#25	22.82	18.80	50.00	PASS
Band26	10MHz	QPSK	26740	25RB#12	22.64	18.62	50.00	PASS
Band26	10MHz	QPSK	26740	25RB#0	22.61	18.59	50.00	PASS
Band26	10MHz	QPSK	26740	50RB#0	22.80	18.78	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#24	22.87	18.85	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#0	22.70	18.68	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#49	22.77	18.75	50.00	PASS
Band26	10MHz	16QAM	26740	25RB#0	21.87	17.85	50.00	PASS
Band26	10MHz	16QAM	26740	25RB#12	21.60	17.58	50.00	PASS
Band26	10MHz	16QAM	26740	25RB#25	21.88	17.86	50.00	PASS
Band26	10MHz	16QAM	26740	50RB#0	21.80	17.78	50.00	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]

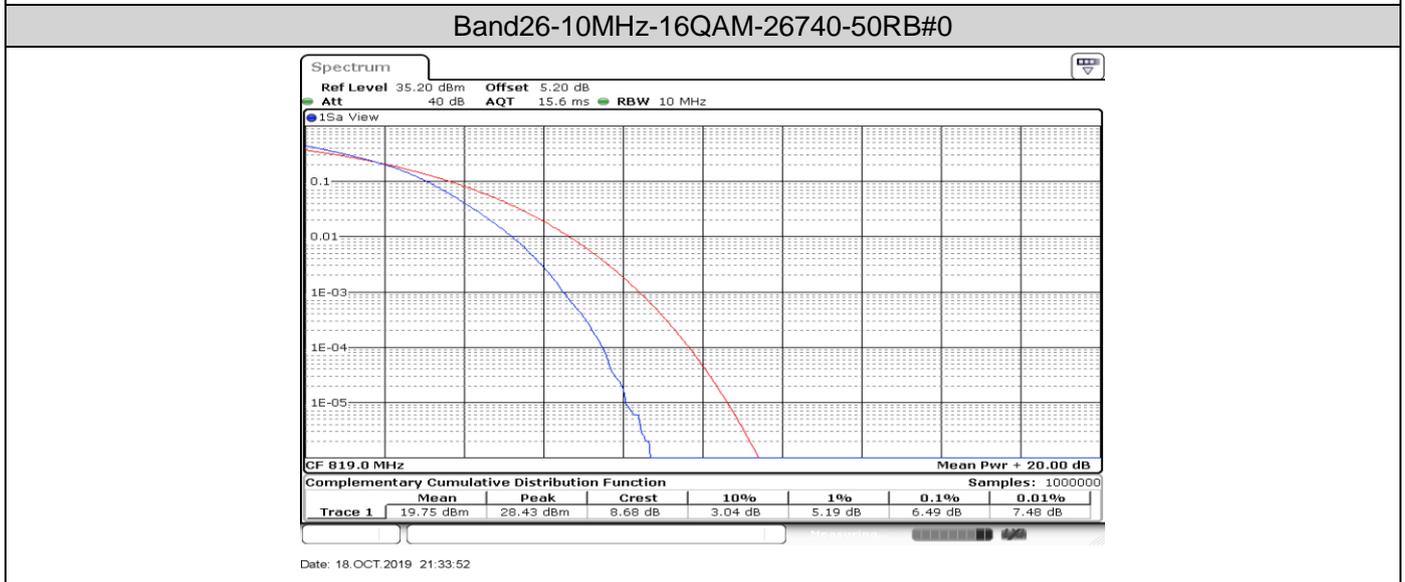
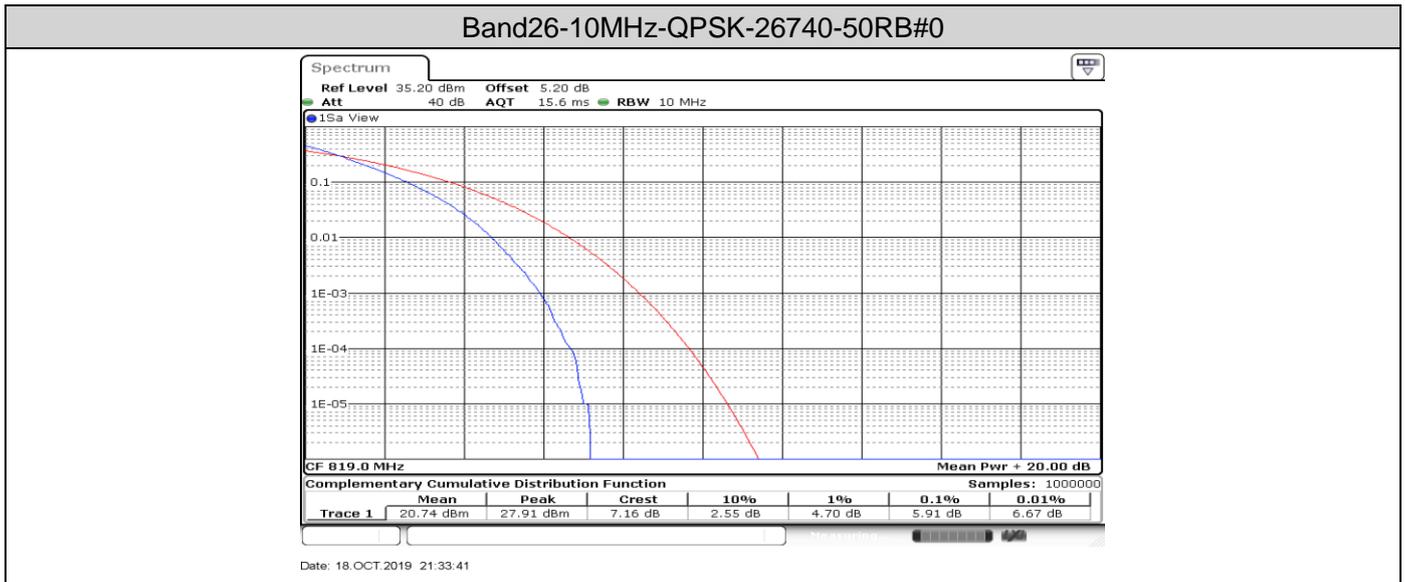
EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

4. Peak-to-Average Ratio (CCDF)

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	5.91	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	6.49	13	PASS

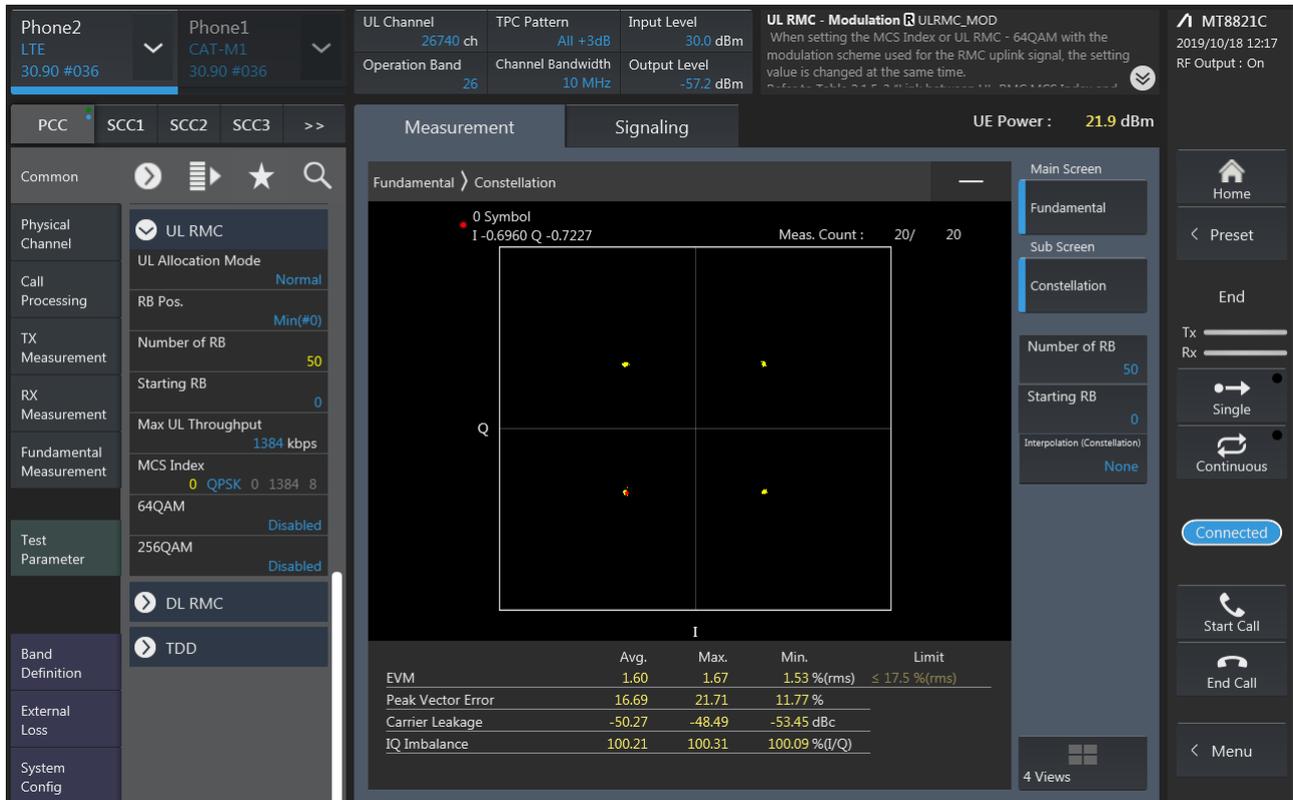
4.2. Test Plots



5. Modulation Characteristics

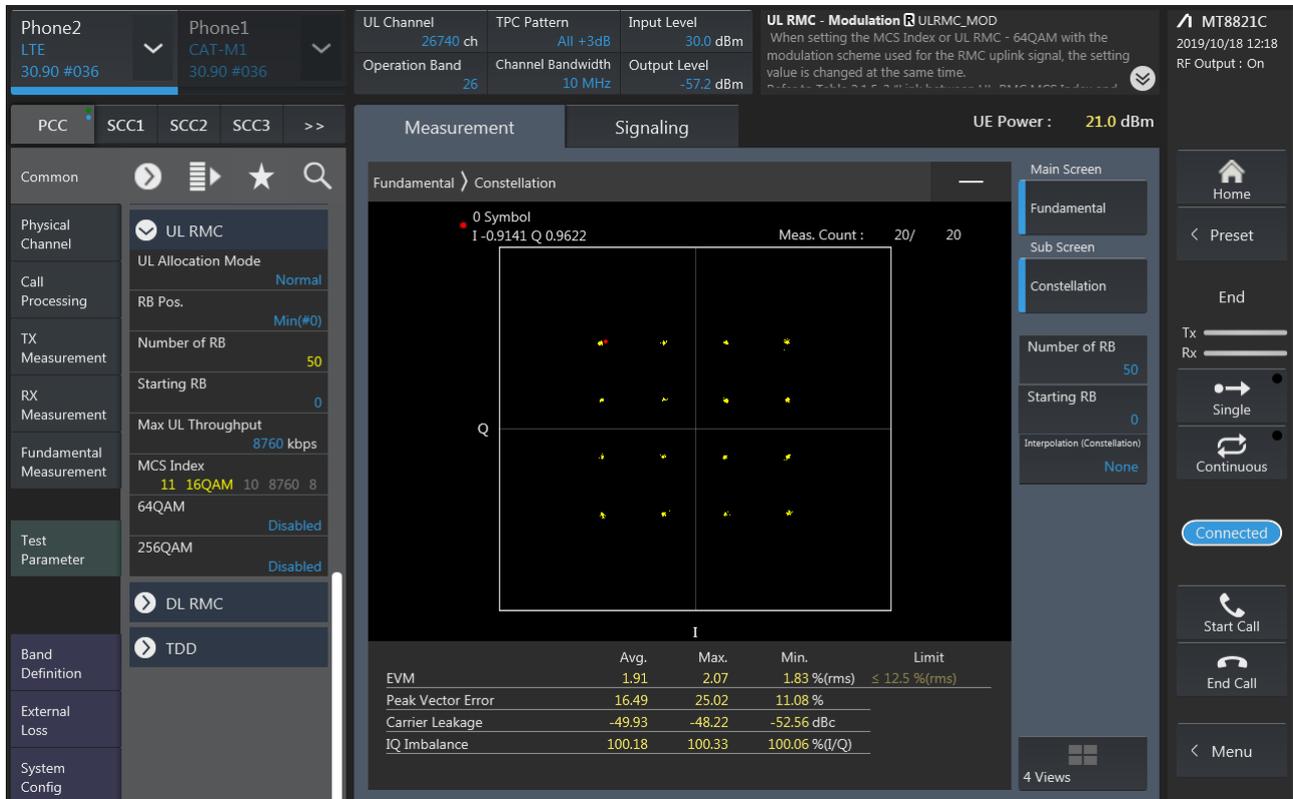
5.1. Test Mode = LTE /TM1 10MHz

5.1.1. Test Channel = MCH



5.2. Test Mode = LTE /TM2 10MHz

5.2.1. Test Channel = MCH



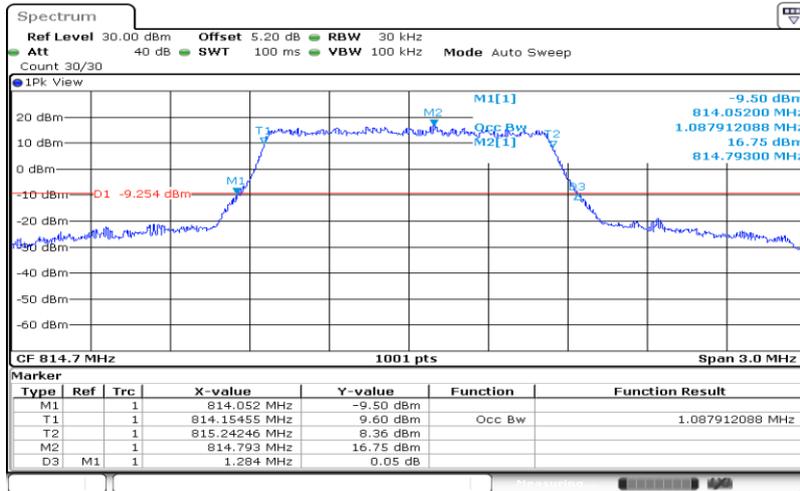
6. 26dB Bandwidth and Occupied Bandwidth

6.1. Test Result

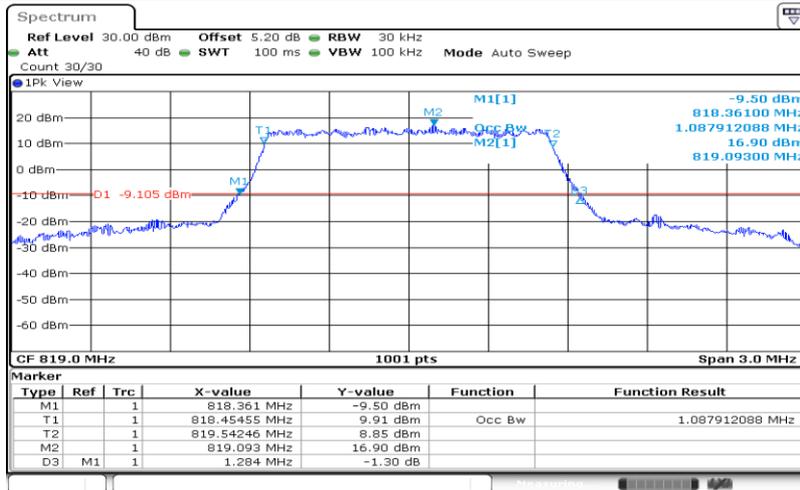
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	1.088	1.284	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.088	1.284	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.088	1.275	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.091	1.299	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.091	1.296	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.088	1.287	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.691	2.916	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.691	2.922	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.685	2.916	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.679	2.916	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.679	2.916	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.679	2.892	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.476	4.870	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.476	4.830	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.466	4.980	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.486	4.870	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.476	4.830	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.476	4.850	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.931	9.660	PASS
Band26	10MHz	16QAM	26740	50RB#0	8.931	9.660	PASS

6.2. Test Plots

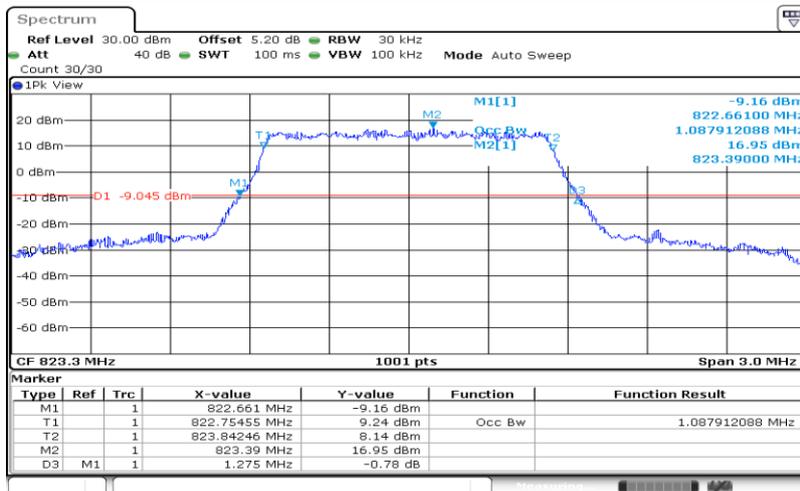
Band26-1.4MHz-QPSK-26697-6RB#0-1.088



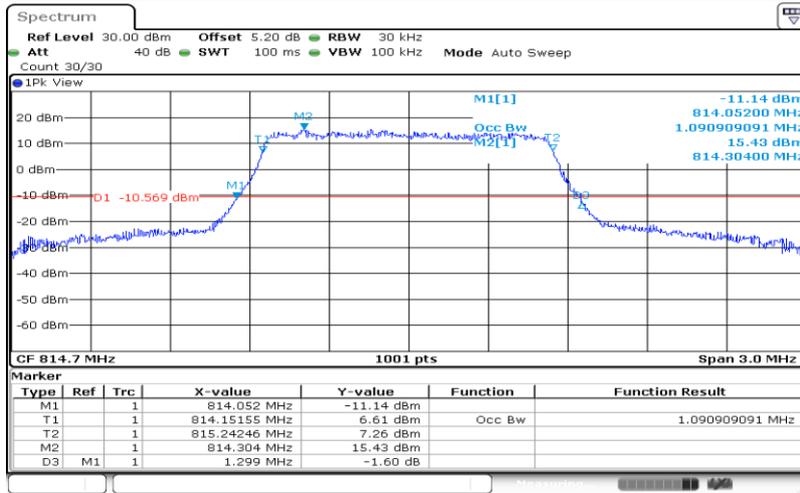
Band26-1.4MHz-QPSK-26740-6RB#0-1.088



Band26-1.4MHz-QPSK-26783-6RB#0-1.088

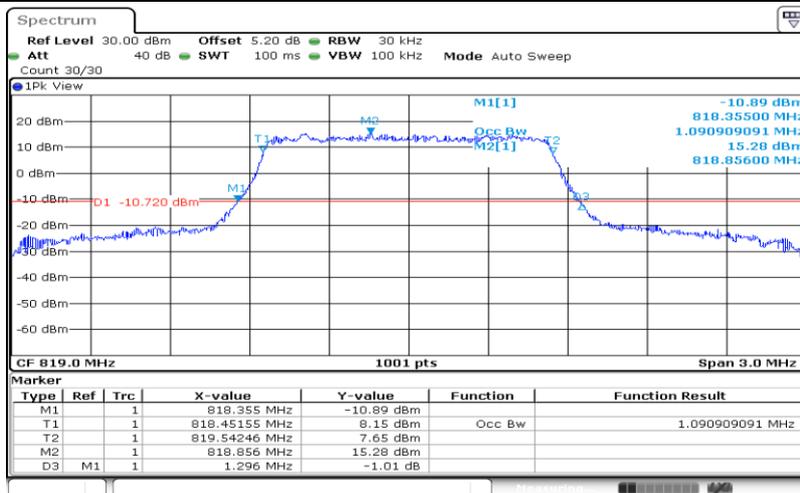


Band26-1.4MHz-16QAM-26697-6RB#0-1.091



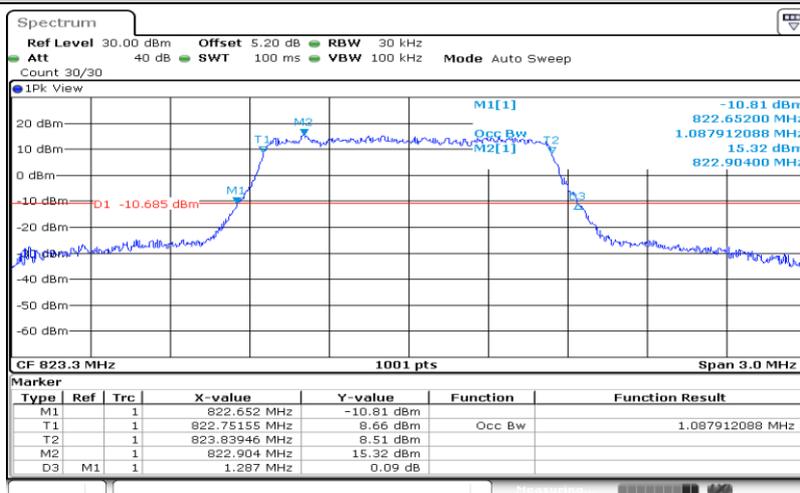
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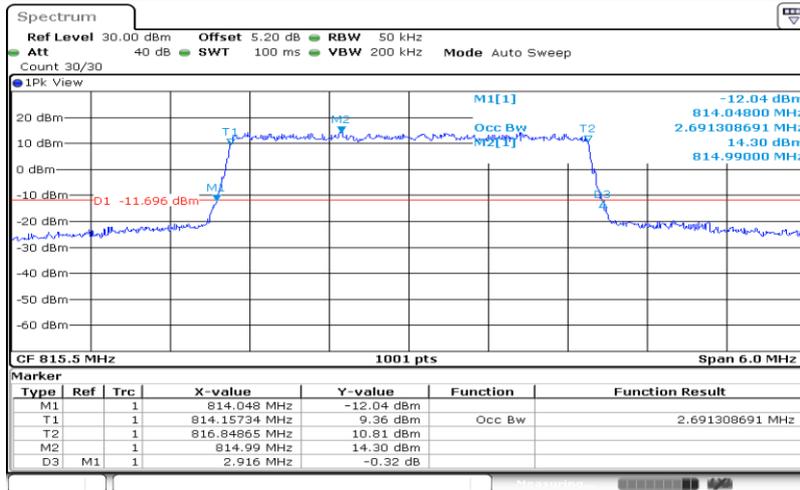
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Band26-1.4MHz-16QAM-26783-6RB#0-1.088



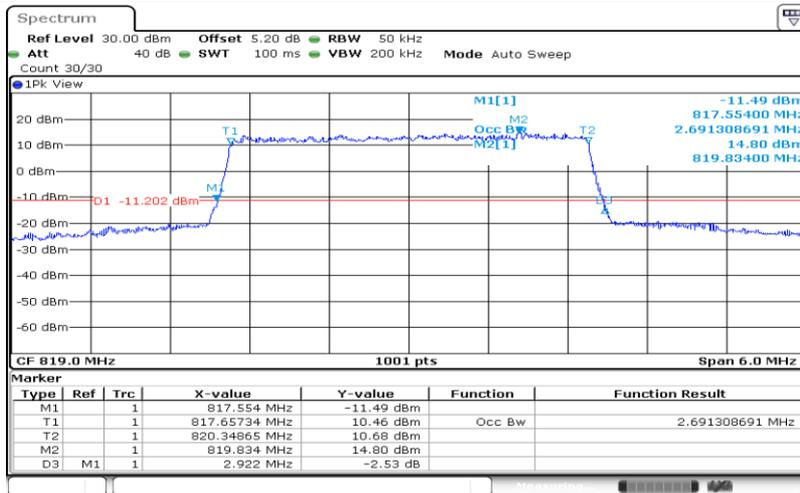
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Band26-3MHz-QPSK-26705-15RB#0-2.691



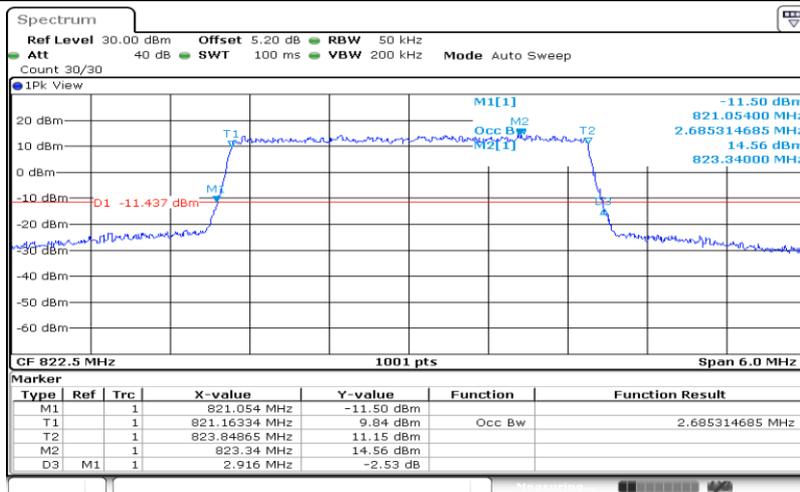
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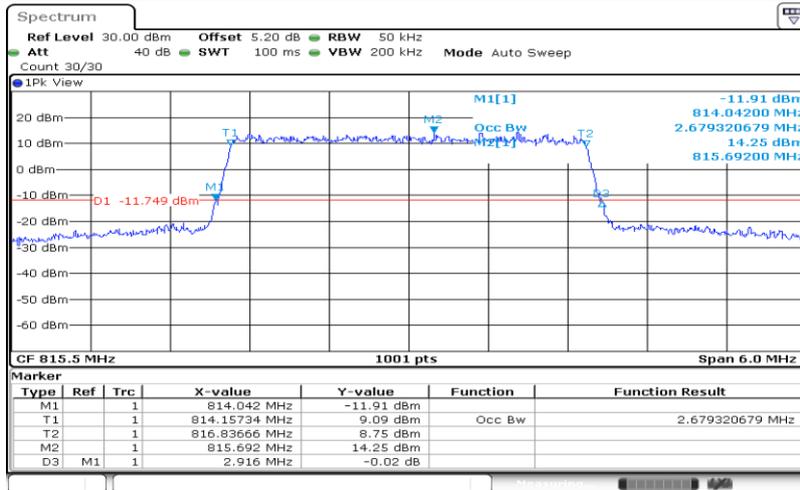
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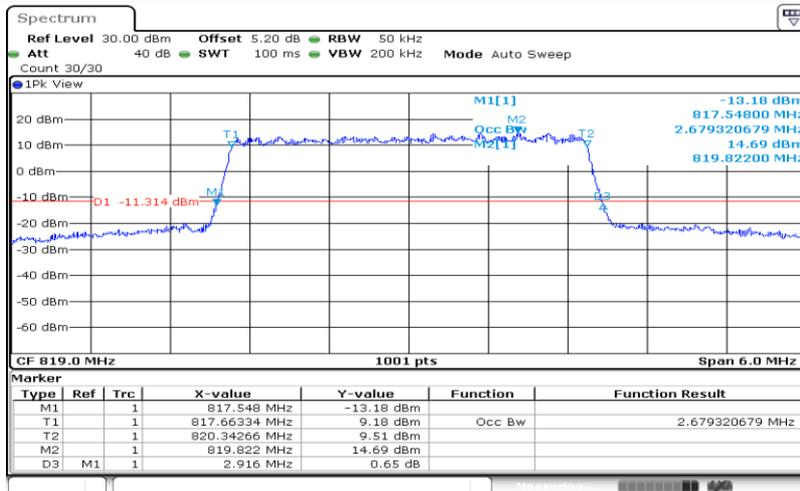
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Band26-3MHz-16QAM-26705-15RB#0-2.679



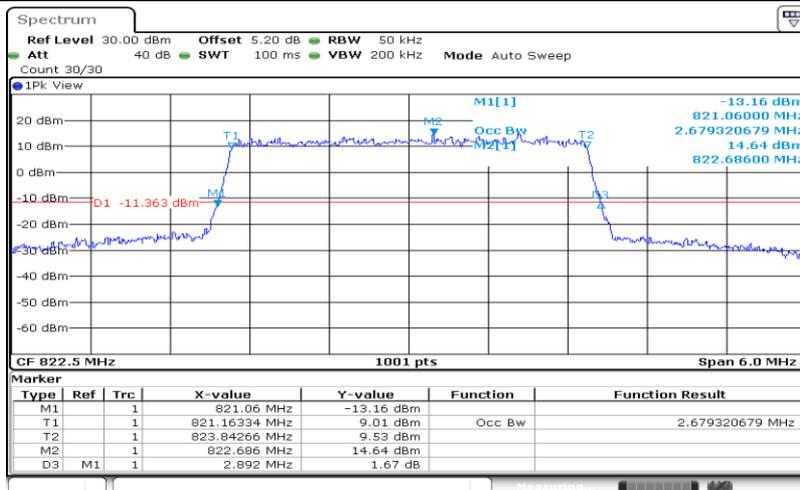
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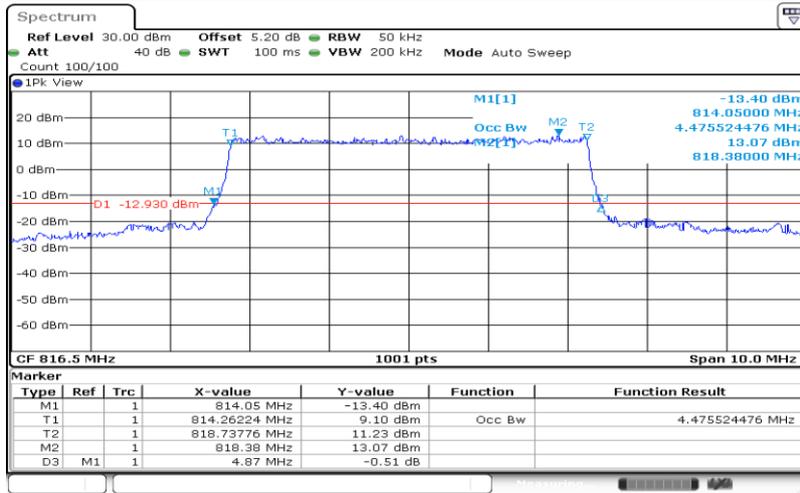
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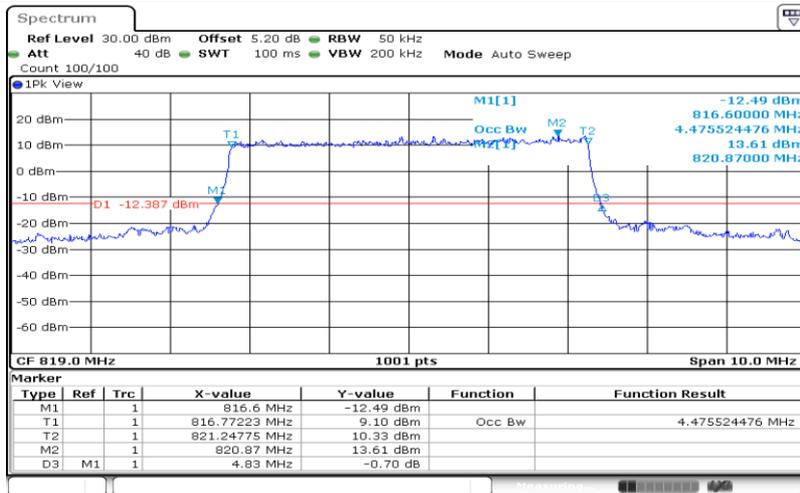
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Band26-5MHz-QPSK-26715-25RB#0-4.476



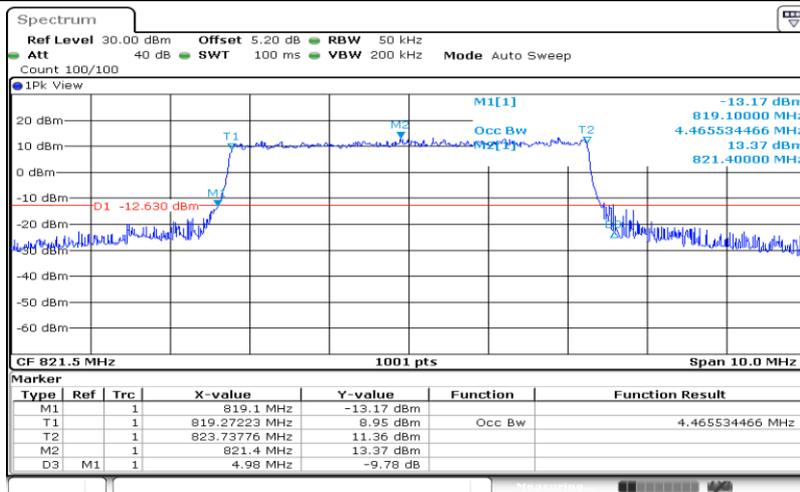
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Band26-5MHz-QPSK-26740-25RB#0-4.476



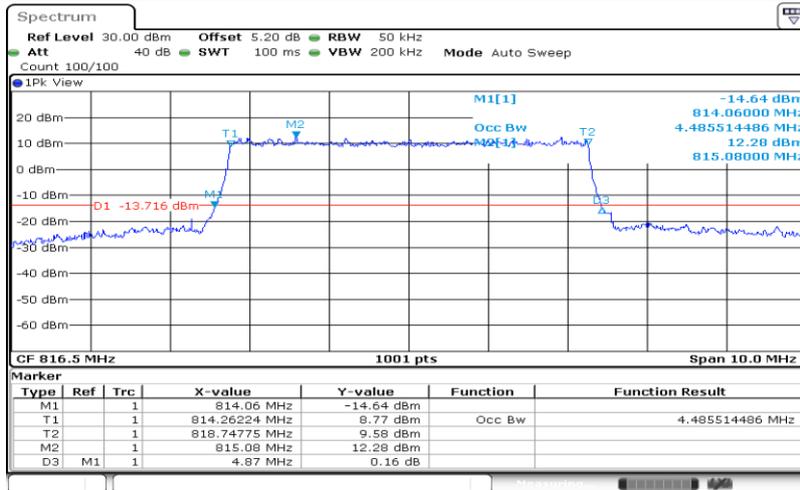
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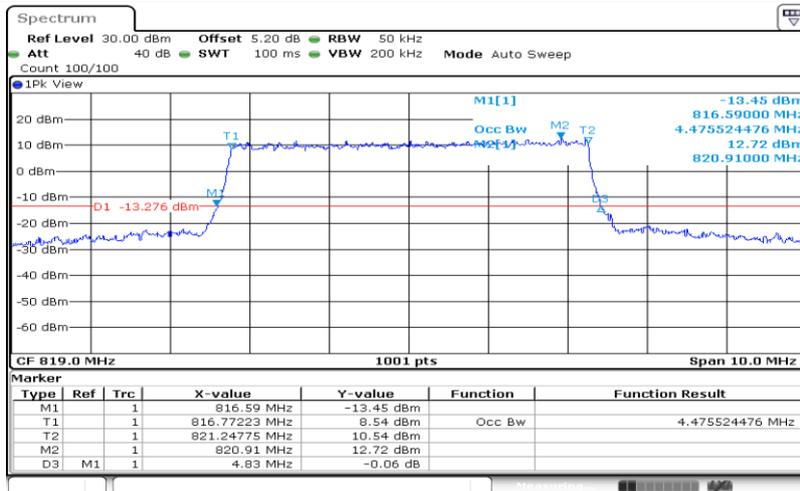
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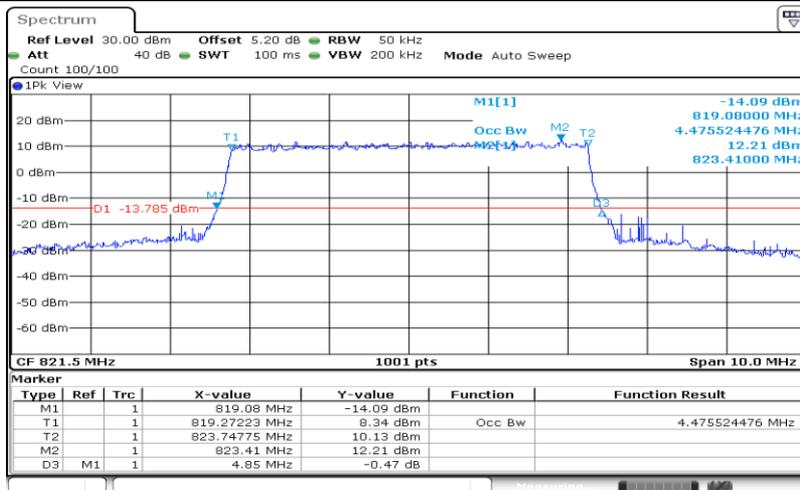
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Band26-5MHz-16QAM-26740-25RB#0-4.476



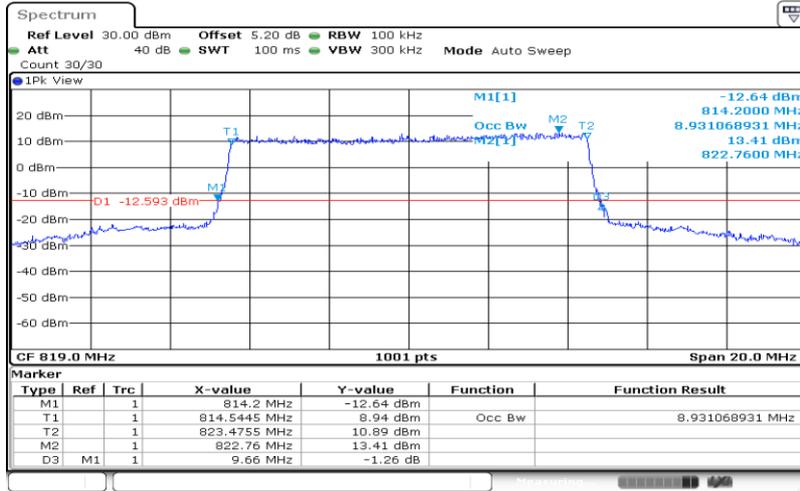
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Band26-5MHz-16QAM-26765-25RB#0-4.476



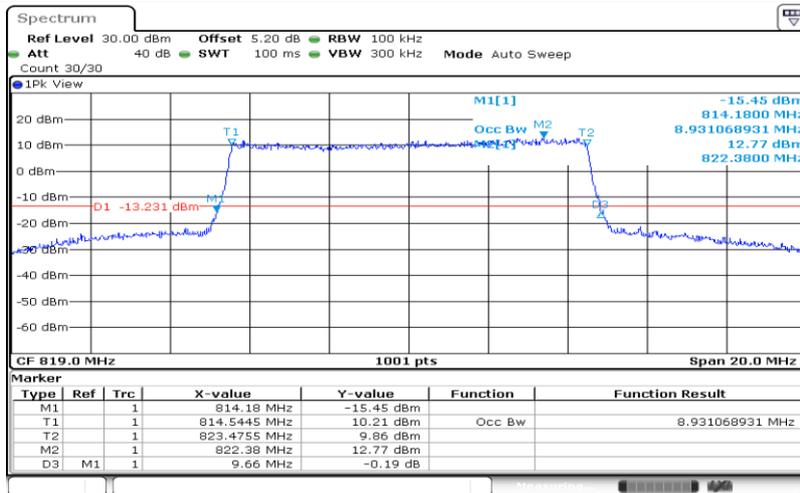
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Band26-10MHz-QPSK-26740-50RB#0-8.931



Date: 18.OCT.2019 21:30:15

Band26-10MHz-16QAM-26740-50RB#0-8.931

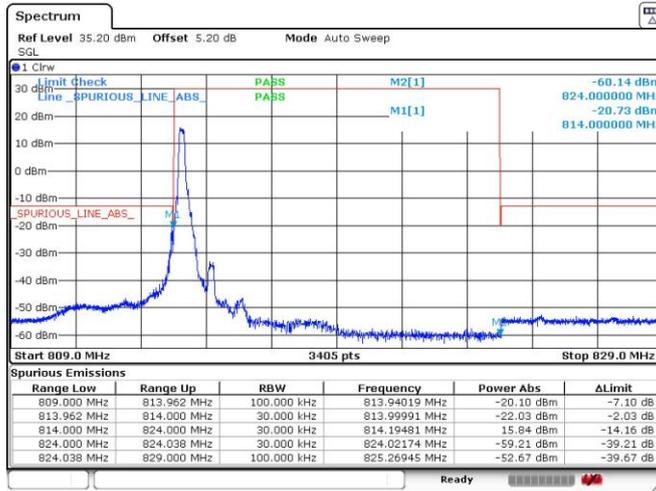


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7. Band Edge Compliance

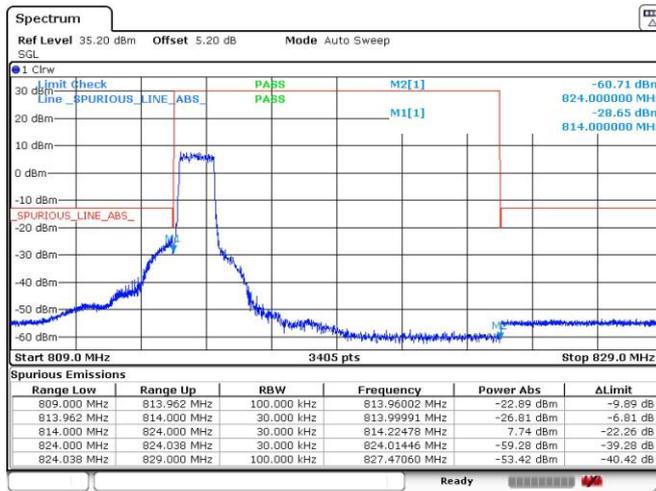
7.1. Test Plots

Band 26_1.4MHz_QPSK_26697_1RB#0



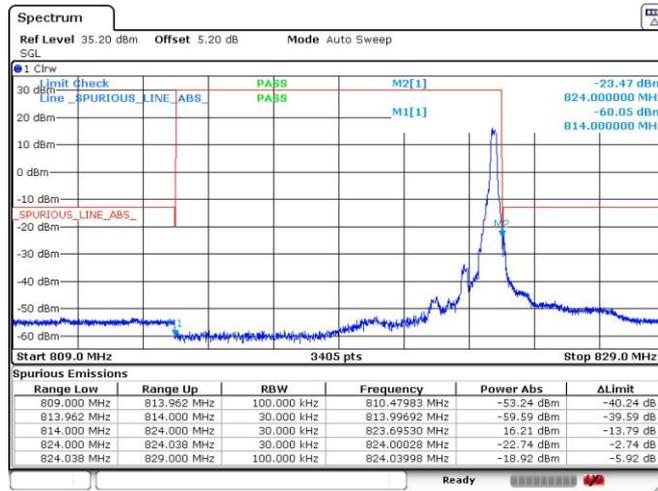
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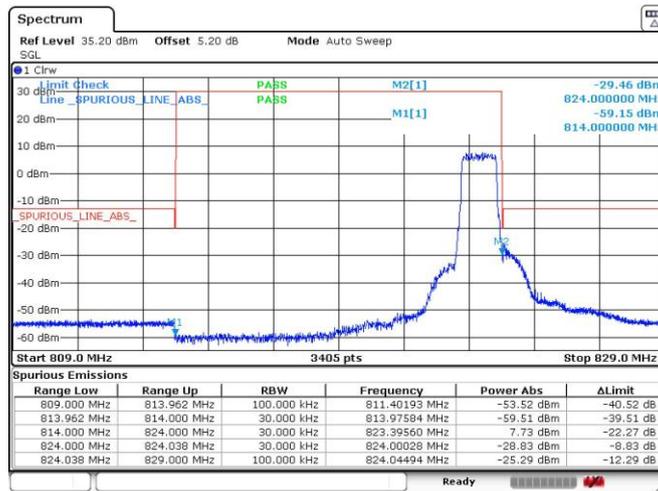
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Band 26_1.4MHz_QPSK_26783_1RB#5



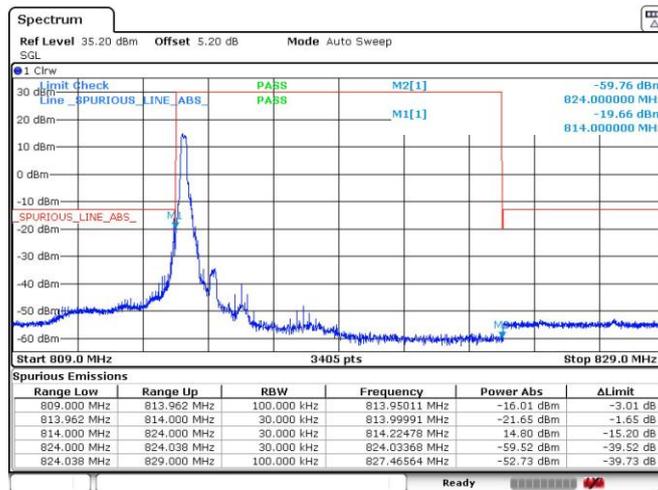
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Band 26_1.4MHz_QPSK_26783_6RB#0



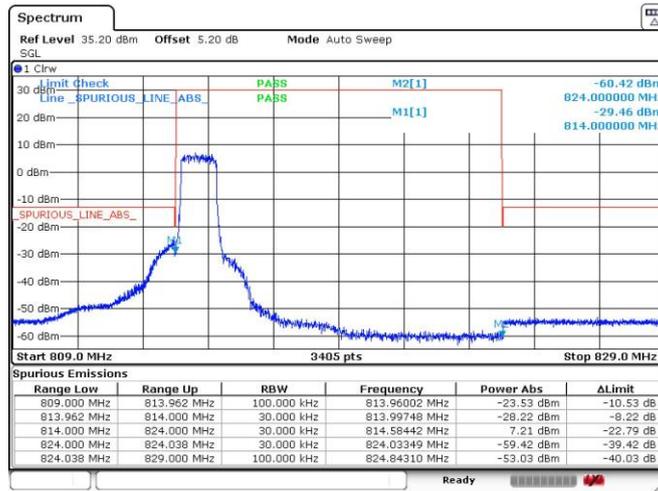
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Band 26_1.4MHz_16QAM_26697_1RB#0



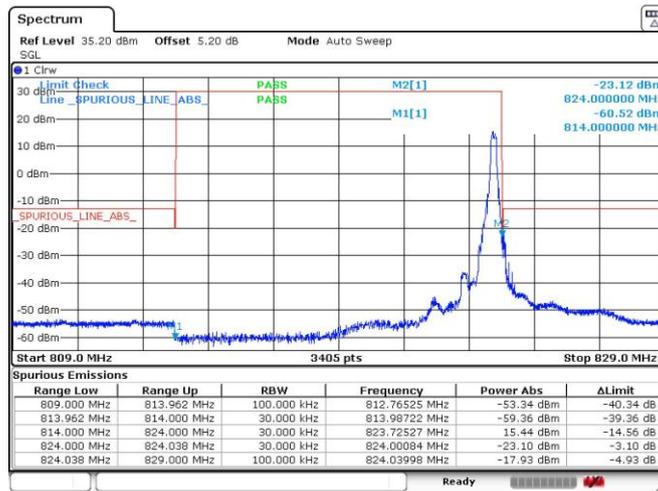
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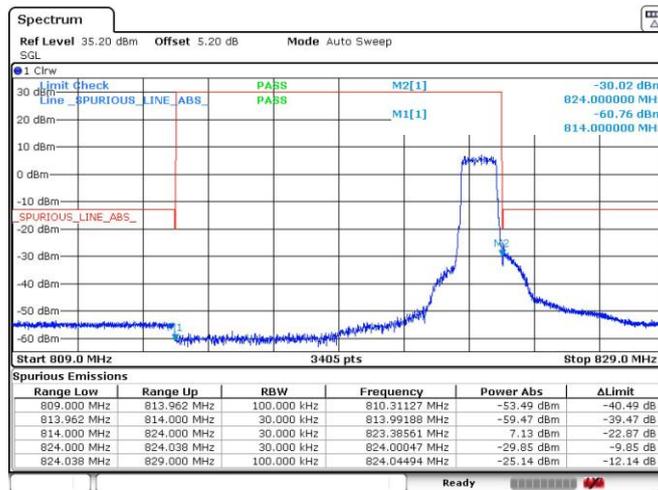
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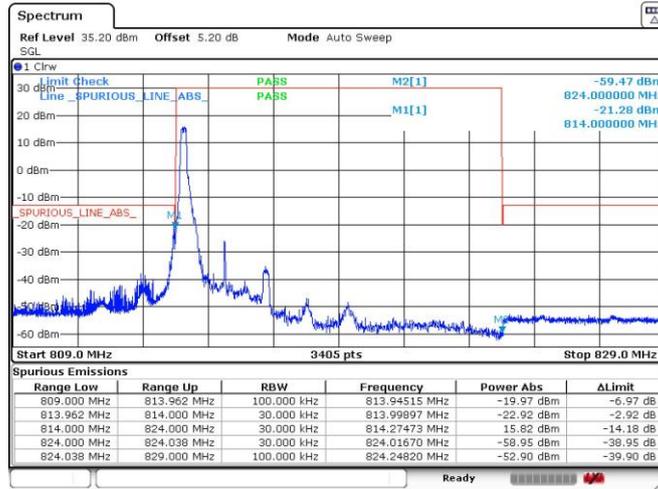
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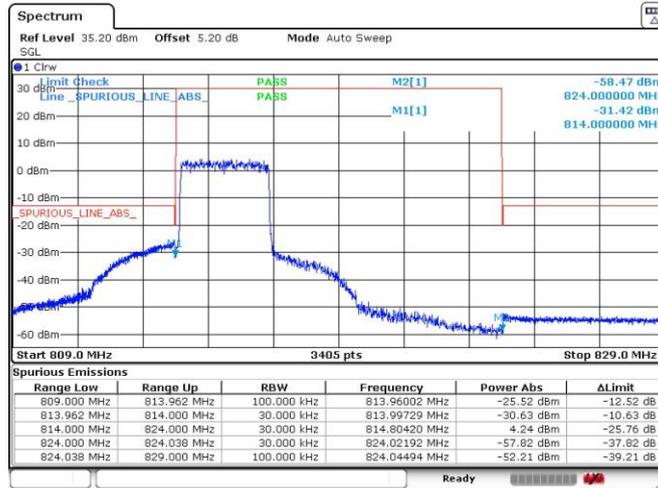
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Band 26_3MHz_QPSK_26705_1RB#0



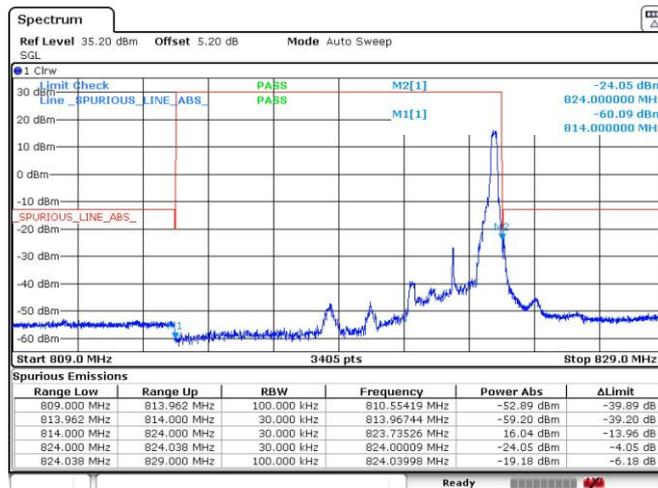
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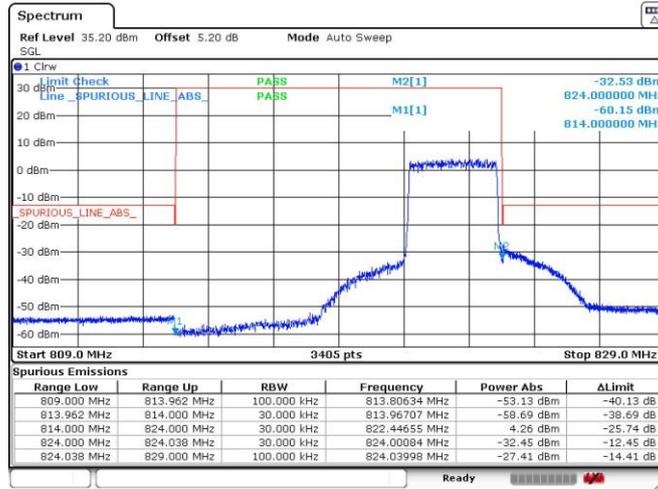
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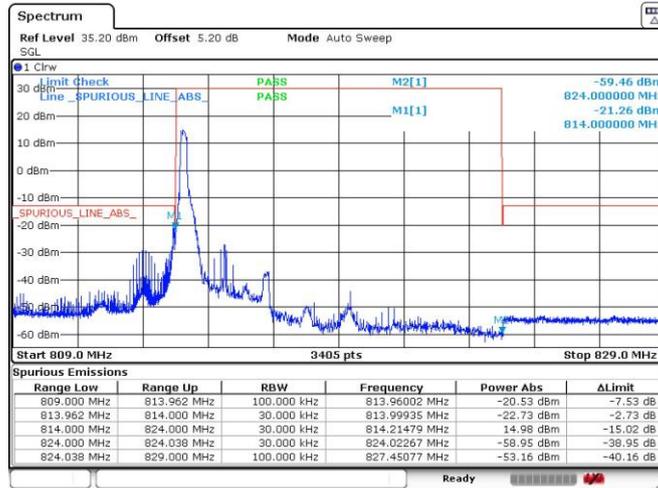
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Band 26_3MHz_QPSK_26775_15RB#0



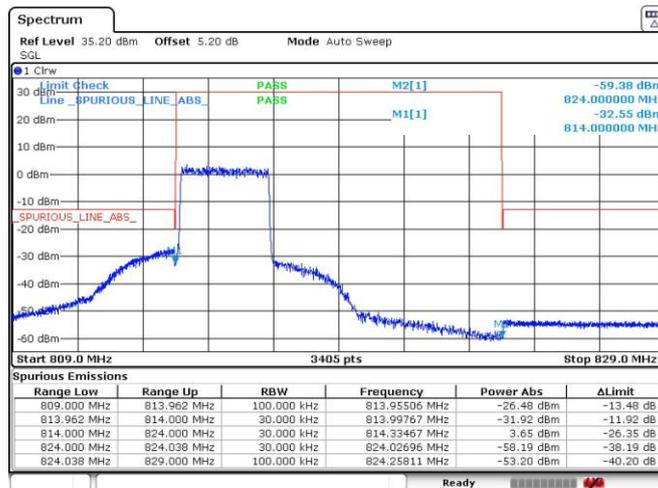
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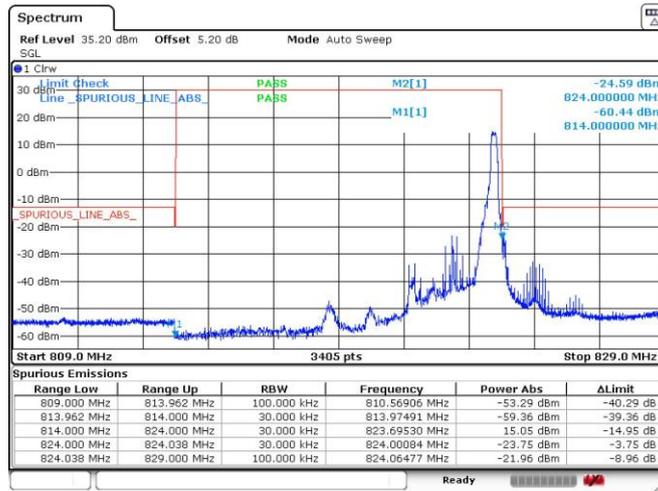
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Band 26_3MHz_16QAM_26705_15RB#0



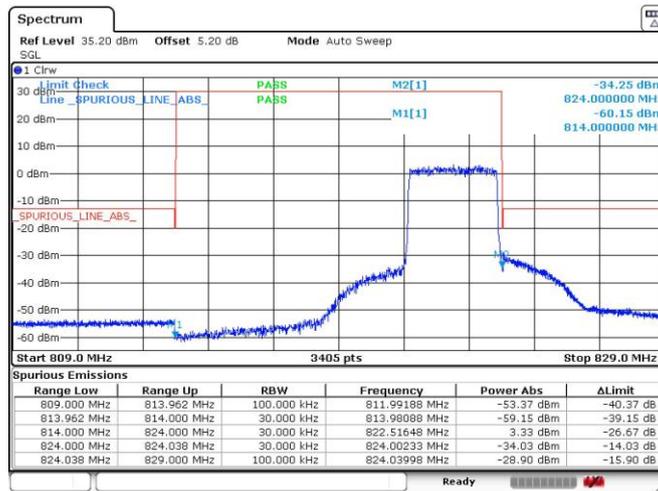
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Band 26_3MHz_16QAM_26775_1RB#14



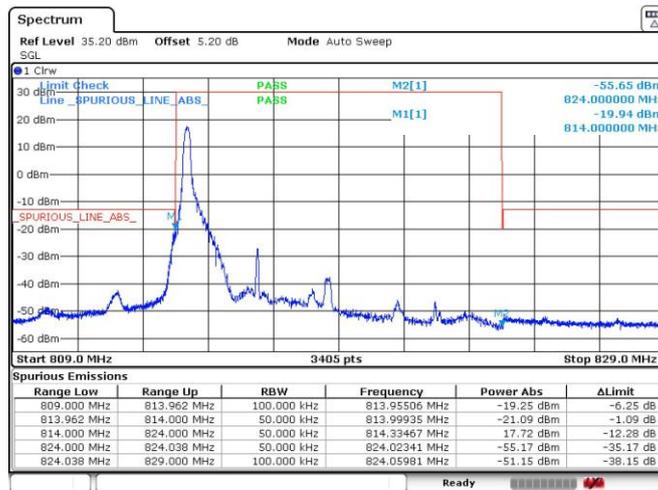
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Band 26_3MHz_16QAM_26775_15RB#0



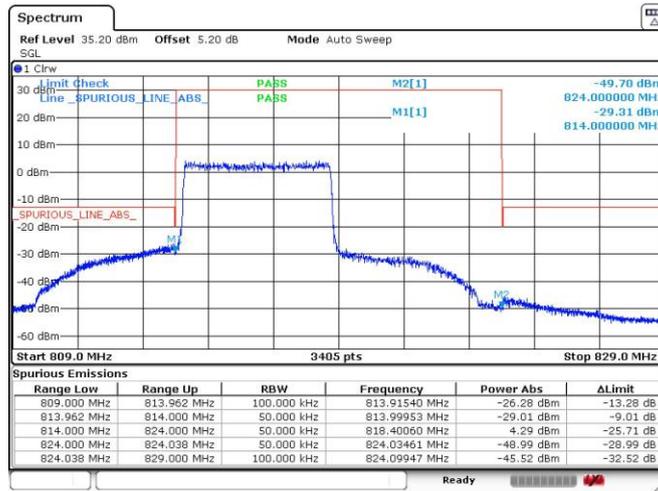
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Band 26_5MHz_QPSK_26715_1RB#0



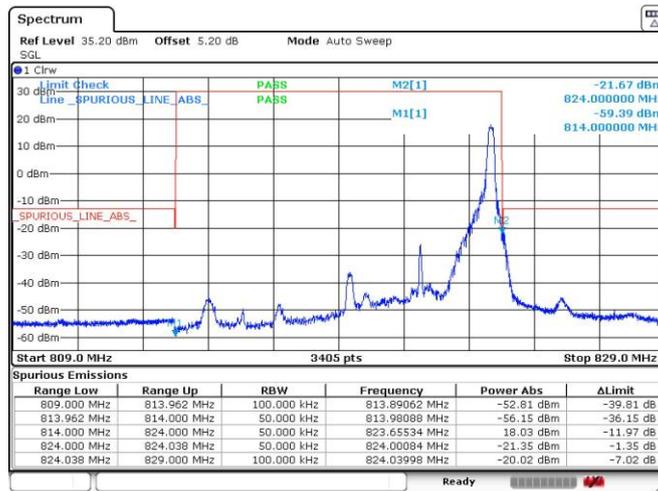
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Band 26_5MHz_QPSK_26715_25RB#0



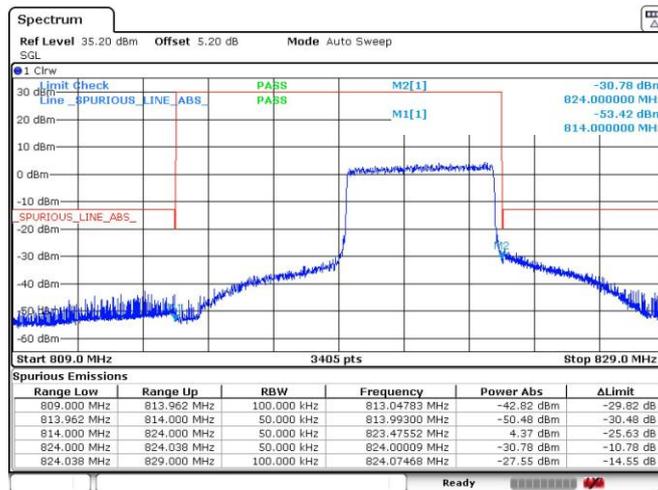
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Band 26_5MHz_QPSK_26765_1RB#24



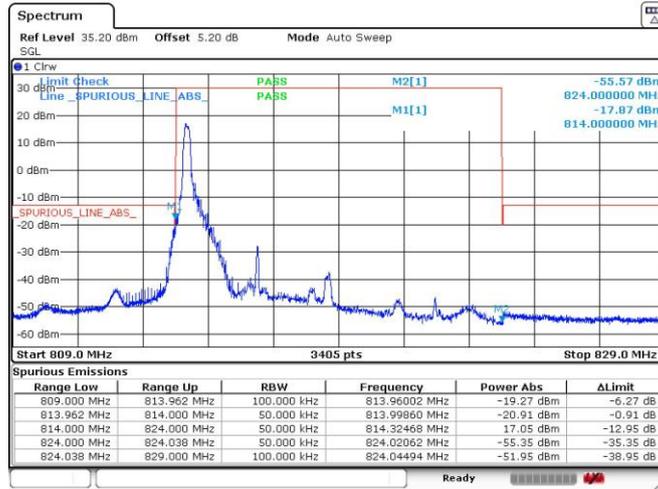
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Band 26_5MHz_QPSK_26765_25RB#0



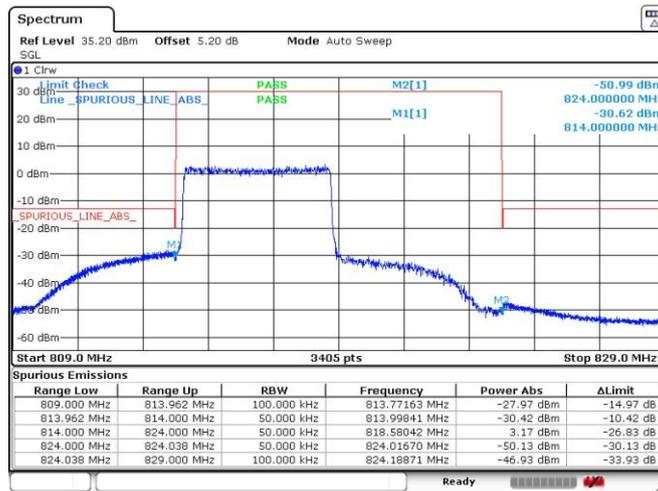
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Band 26_5MHz_16QAM_26715_1RB#0



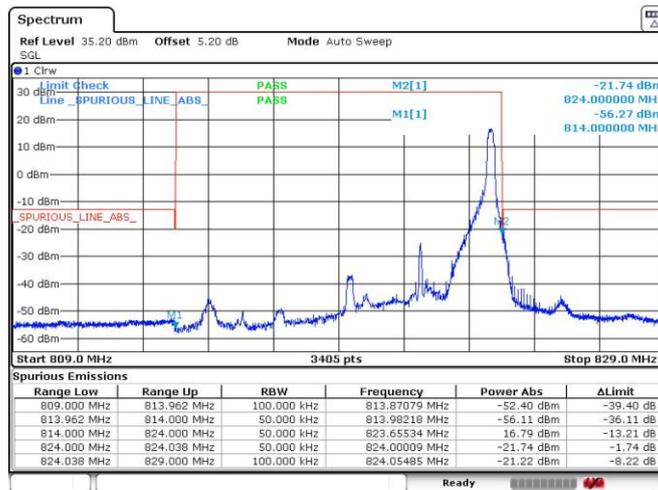
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Band 26_5MHz_16QAM_26715_25RB#0



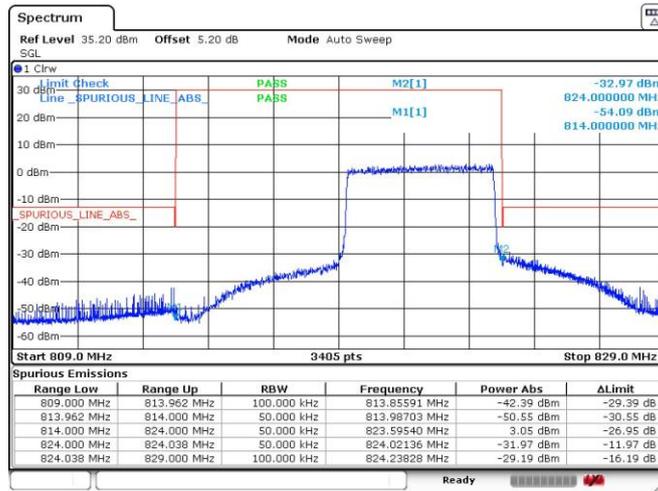
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Band 26_5MHz_16QAM_26765_1RB#24



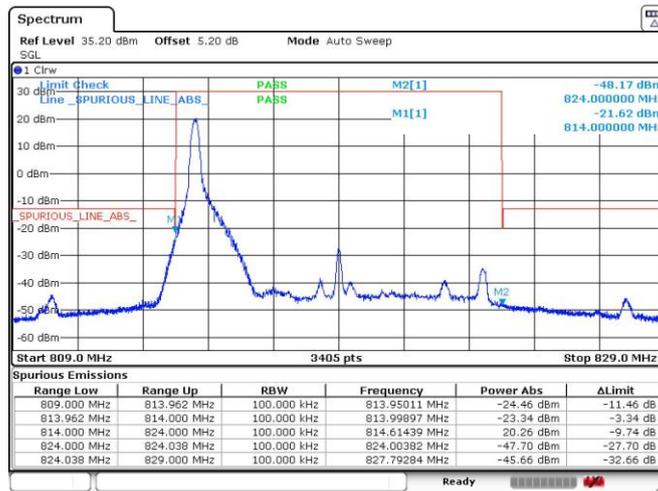
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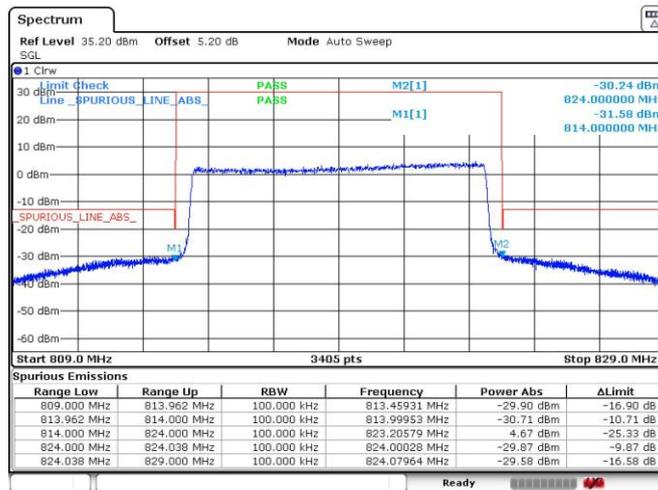
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Band 26_10MHz_QPSK_26740_1RB#0



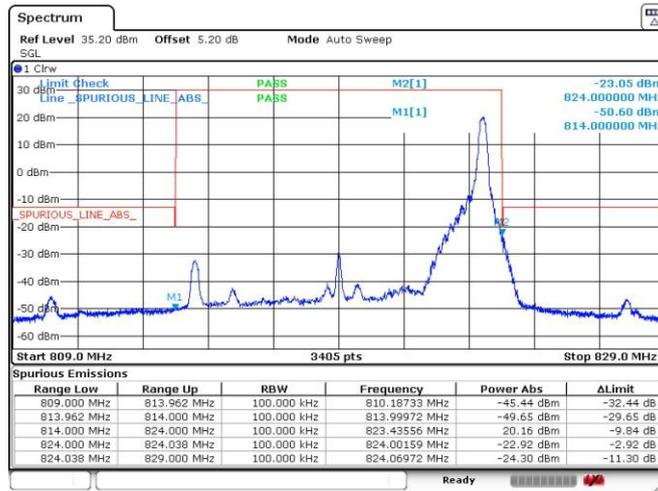
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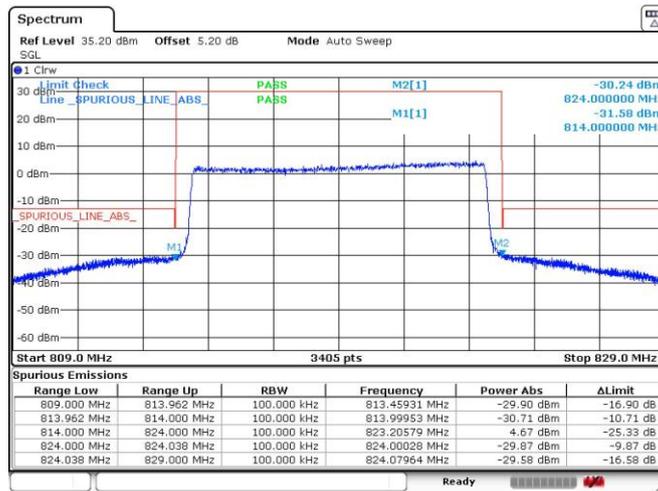
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Band 26_10MHz_QPSK_26740_1RB#49



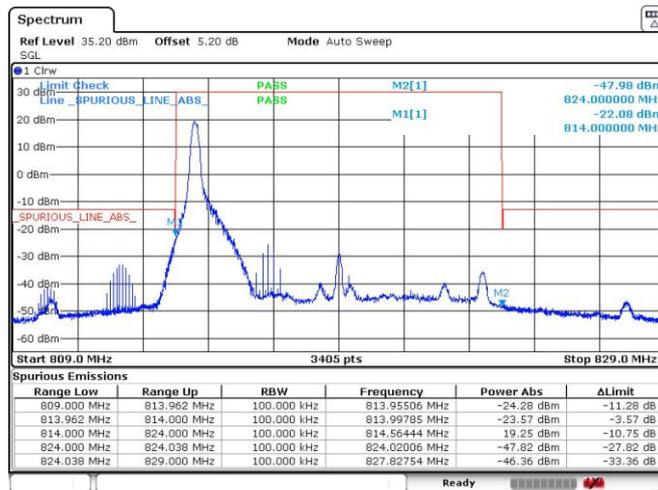
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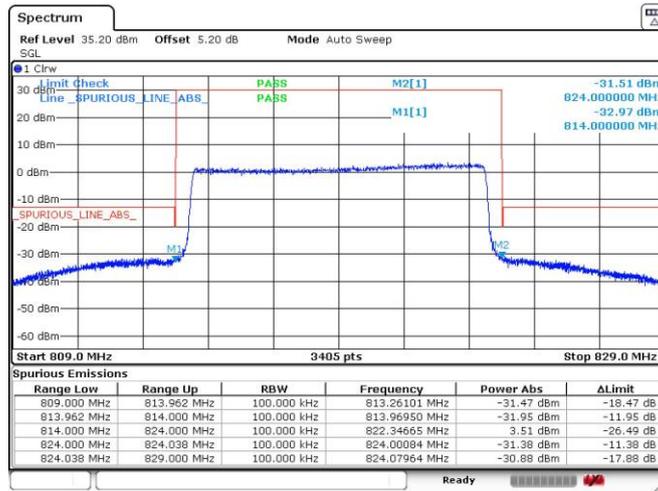
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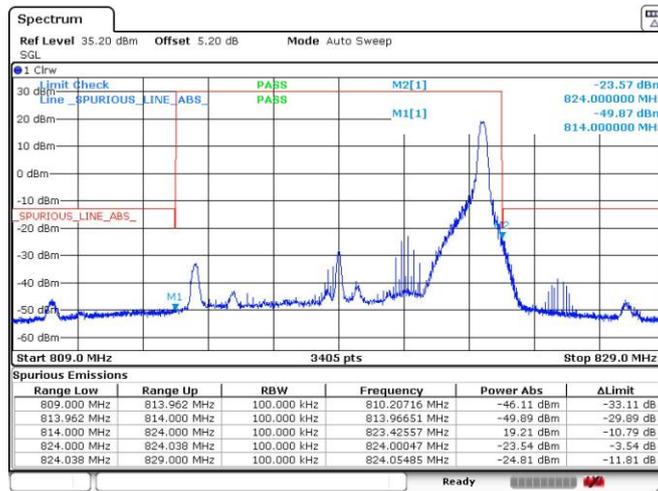
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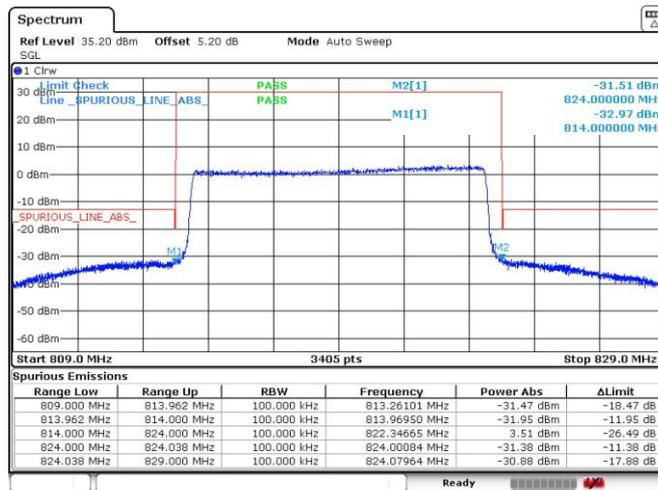
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Band 26_10MHz_16QAM_26740_1RB#49



Date: 19.OCT.2019 03:27:55

Band 26_10MHz_16QAM_26740_50RB#0



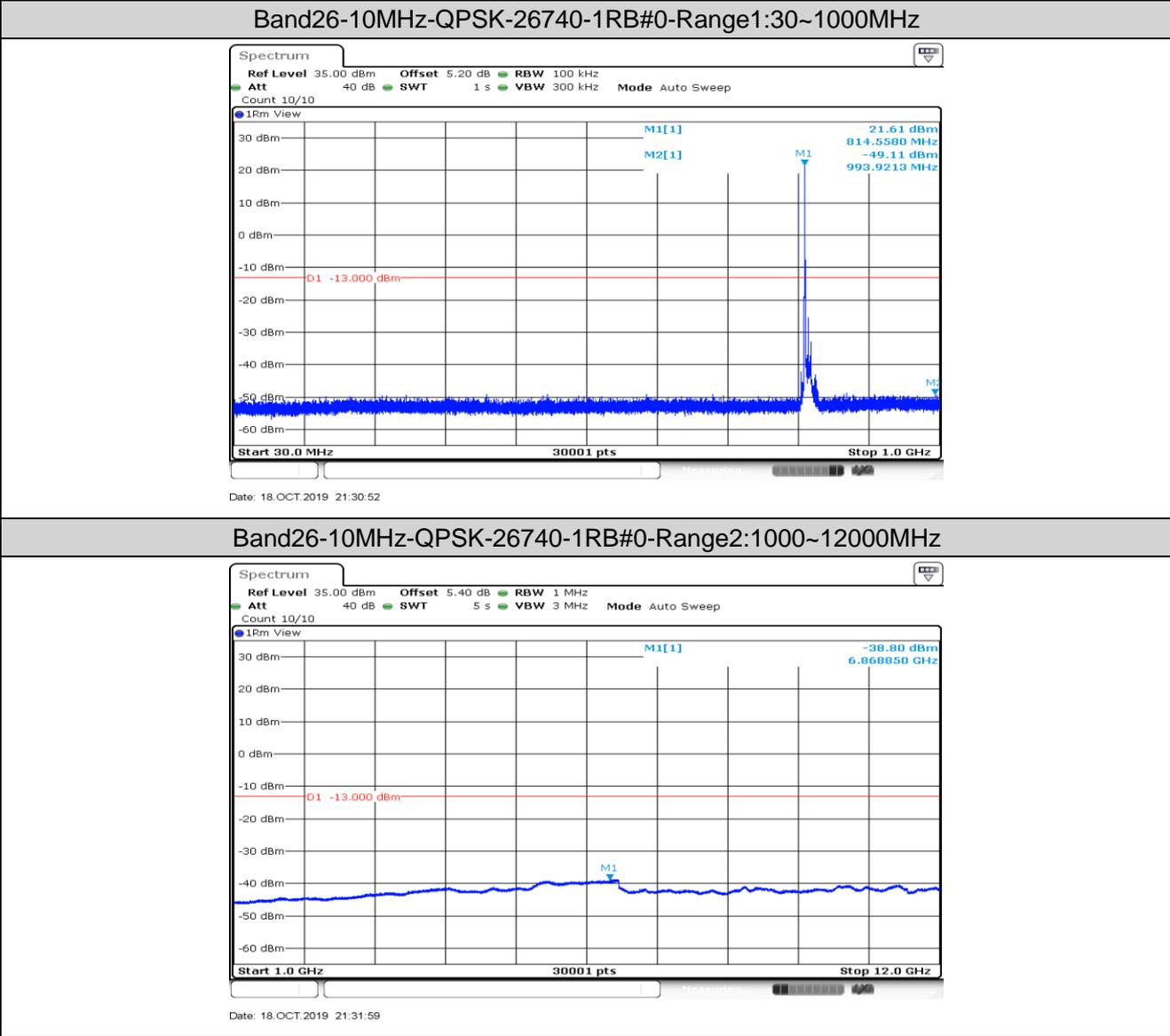
Date: 19.OCT.2019 03:28:32

8. Spurious Emission at Antenna Terminal

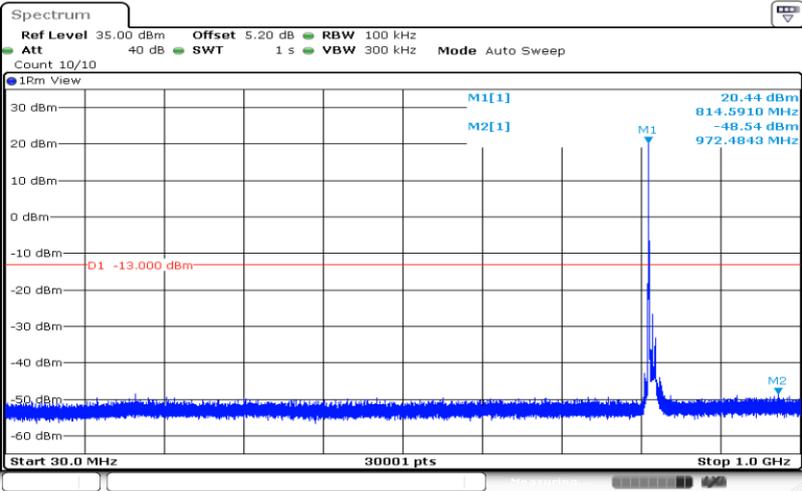
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k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

8.1. Test Plots

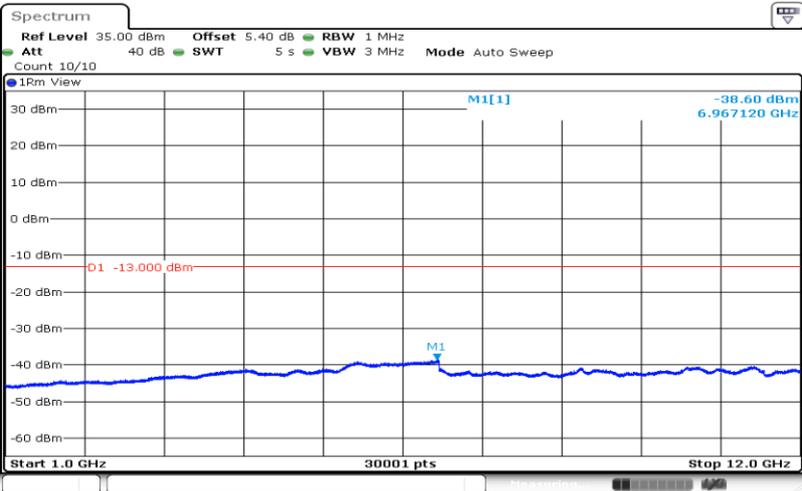


Band26-10MHz-16QAM-26740-1RB#0-Range1:30~1000MHz



Date: 18.OCT.2019 21:32:18

Band26-10MHz-16QAM-26740-1RB#0-Range2:1000~12000MHz



Date: 18.OCT.2019 21:33:26

9. Frequency Stability

9.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	VL	NT	-6.50	-0.007937	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VN	NT	-7.70	-0.009402	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VH	NT	-9.40	-0.011477	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VL	NT	-8.80	-0.010745	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VN	NT	-3.90	-0.004762	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VH	NT	-9.80	-0.011966	±2.5	PASS

9.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	NV	-30	-12.10	-0.014774	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-20	-8.90	-0.010867	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	0	-7.50	-0.009158	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	10	-7.30	-0.008913	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	20	-7.10	-0.008669	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	30	0.40	0.000488	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	40	-3.70	-0.004518	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	50	-6.60	-0.008059	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-30	-5.40	-0.006593	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-20	-6.60	-0.008059	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	0	-6.90	-0.008425	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	10	-6.30	-0.007692	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	20	-9.60	-0.011722	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	30	-7.20	-0.008791	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	40	-4.00	-0.004884	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	50	-7.40	-0.009035	±2.5	PASS

The End