Appendix B

E-UTRA Band 26 (814-824)

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1 Conducted Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#2	22.94	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	22.80	PASS
Band26	1.4MHz	QPSK	26697	1RB#0	22.64	PASS
Band26	1.4MHz	QPSK	26697	3RB#1	22.81	PASS
Band26	1.4MHz	QPSK	26697	3RB#3	22.76	PASS
Band26	1.4MHz	QPSK	26697	3RB#0	23.13	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	21.73	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	22.90	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	22.78	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	22.91	PASS
Band26	1.4MHz	QPSK	26740	3RB#3	22.65	PASS
Band26	1.4MHz	QPSK	26740	3RB#0	22.62	PASS
Band26	1.4MHz	QPSK	26740	3RB#1	22.79	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	21.68	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	22.80	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	22.69	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	22.65	PASS
Band26	1.4MHz	QPSK	26783	3RB#3	22.81	PASS
Band26	1.4MHz	QPSK	26783	3RB#0	22.77	PASS
Band26	1.4MHz	QPSK	26783	3RB#1	22.83	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	21.72	PASS
Band26	1.4MHz	64QAM	26697	1RB#2	21.01	PASS
Band26	1.4MHz	64QAM	26697	1RB#5	20.76	PASS
Band26	1.4MHz	64QAM	26697	1RB#0	20.89	PASS
Band26	1.4MHz	64QAM	26697	3RB#0	20.82	PASS
Band26	1.4MHz	64QAM	26697	3RB#1	20.89	PASS
Band26	1.4MHz	64QAM	26697	3RB#3	20.87	PASS

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Band26	1.4MHz	64QAM	26697	6RB#0	20.31	PASS
Band26	1.4MHz	64QAM	26740	1RB#0	20.79	PASS
Band26	1.4MHz	64QAM	26740	1RB#2	20.88	PASS
Band26	1.4MHz	64QAM	26740	1RB#5	20.84	PASS
Band26	1.4MHz	64QAM	26740	3RB#0	20.82	PASS
Band26	1.4MHz	64QAM	26740	3RB#3	20.93	PASS
Band26	1.4MHz	64QAM	26740	3RB#1	20.88	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	20.34	PASS
Band26	1.4MHz	64QAM	26783	1RB#2	20.99	PASS
Band26	1.4MHz	64QAM	26783	1RB#0	21.06	PASS
Band26	1.4MHz	64QAM	26783	1RB#5	20.87	PASS
Band26	1.4MHz	64QAM	26783	3RB#3	20.89	PASS
Band26	1.4MHz	64QAM	26783	3RB#1	20.93	PASS
Band26	1.4MHz	64QAM	26783	3RB#0	20.95	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	20.37	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	22.08	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	21.95	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	21.95	PASS
Band26	1.4MHz	16QAM	26697	3RB#1	22.04	PASS
Band26	1.4MHz	16QAM	26697	3RB#3	21.75	PASS
Band26	1.4MHz	16QAM	26697	3RB#0	21.92	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	20.79	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	22.07	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	22.33	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	22.10	PASS
Band26	1.4MHz	16QAM	26740	3RB#0	21.71	PASS
Band26	1.4MHz	16QAM	26740	3RB#1	21.75	PASS
Band26	1.4MHz	16QAM	26740	3RB#3	21.80	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	20.80	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	22.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	21.91	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	21.82	PASS
Band26	1.4MHz	16QAM	26783	3RB#0	21.83	PASS

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Band26	1.4MHz	16QAM	26783	3RB#1	21.97	PASS
Band26	1.4MHz	16QAM	26783	3RB#3	21.96	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	20.88	PASS
Band26	3MHz	QPSK	26705	1RB#0	22.78	PASS
Band26	3MHz	QPSK	26705	1RB#8	23.12	PASS
Band26	3MHz	QPSK	26705	1RB#14	22.74	PASS
Band26	3MHz	QPSK	26705	8RB#7	21.60	PASS
Band26	3MHz	QPSK	26705	8RB#4	21.83	PASS
Band26	3MHz	QPSK	26705	8RB#0	21.69	PASS
Band26	3MHz	QPSK	26705	15RB#0	21.77	PASS
Band26	3MHz	QPSK	26740	1RB#0	22.76	PASS
Band26	3MHz	QPSK	26740	1RB#14	22.79	PASS
Band26	3MHz	QPSK	26740	1RB#8	22.80	PASS
Band26	3MHz	QPSK	26740	8RB#7	21.75	PASS
Band26	3MHz	QPSK	26740	8RB#4	21.77	PASS
Band26	3MHz	QPSK	26740	8RB#0	21.79	PASS
Band26	3MHz	QPSK	26740	15RB#0	21.78	PASS
Band26	3MHz	QPSK	26775	1RB#8	22.95	PASS
Band26	3MHz	QPSK	26775	1RB#14	22.82	PASS
Band26	3MHz	QPSK	26775	1RB#0	22.83	PASS
Band26	3MHz	QPSK	26775	8RB#7	21.78	PASS
Band26	3MHz	QPSK	26775	8RB#4	21.94	PASS
Band26	3MHz	QPSK	26775	8RB#0	21.84	PASS
Band26	3MHz	QPSK	26775	15RB#0	21.96	PASS
Band26	3MHz	64QAM	26705	1RB#0	20.83	PASS
Band26	3MHz	64QAM	26705	1RB#14	20.95	PASS
Band26	3MHz	64QAM	26705	1RB#8	21.24	PASS
Band26	3MHz	64QAM	26705	8RB#0	20.35	PASS
Band26	3MHz	64QAM	26705	8RB#7	20.31	PASS
Band26	3MHz	64QAM	26705	8RB#4	20.39	PASS
Band26	3MHz	64QAM	26705	15RB#0	20.33	PASS
Band26	3MHz	64QAM	26740	1RB#0	20.96	PASS
Band26	3MHz	64QAM	26740	1RB#8	20.89	PASS

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Band26	3MHz	64QAM	26740	8RB#0	19.85	PASS
Band26	3MHz	64QAM	26740	8RB#4	19.89	PASS
Band26	3MHz	64QAM	26740	8RB#7	19.79	PASS
Band26	3MHz	64QAM	26740	15RB#0	19.74	PASS
Band26	3MHz	64QAM	26775	1RB#14	20.87	PASS
Band26	3MHz	64QAM	26775	1RB#8	20.93	PASS
Band26	3MHz	64QAM	26775	1RB#0	21.11	PASS
Band26	3MHz	64QAM	26775	8RB#7	19.73	PASS
Band26	3MHz	64QAM	26775	8RB#0	19.82	PASS
Band26	3MHz	64QAM	26775	8RB#4	19.89	PASS
Band26	3MHz	64QAM	26775	15RB#0	19.84	PASS
Band26	3MHz	16QAM	26705	1RB#0	21.98	PASS
Band26	3MHz	16QAM	26705	1RB#8	22.00	PASS
Band26	3MHz	16QAM	26705	1RB#14	21.97	PASS
Band26	3MHz	16QAM	26705	8RB#0	20.70	PASS
Band26	3MHz	16QAM	26705	8RB#4	20.77	PASS
Band26	3MHz	16QAM	26705	8RB#7	20.73	PASS
Band26	3MHz	16QAM	26705	15RB#0	20.76	PASS
Band26	3MHz	16QAM	26740	1RB#8	22.02	PASS
Band26	3MHz	16QAM	26740	1RB#14	22.11	PASS
Band26	3MHz	16QAM	26740	1RB#0	21.97	PASS
Band26	3MHz	16QAM	26740	8RB#0	20.83	PASS
Band26	3MHz	16QAM	26740	8RB#7	20.87	PASS
Band26	3MHz	16QAM	26740	8RB#4	20.86	PASS
Band26	3MHz	16QAM	26740	15RB#0	20.77	PASS
Band26	3MHz	16QAM	26775	1RB#8	22.14	PASS
Band26	3MHz	16QAM	26775	1RB#0	22.25	PASS
Band26	3MHz	16QAM	26775	1RB#14	22.14	PASS
Band26	3MHz	16QAM	26775	8RB#4	20.90	PASS
Band26	3MHz	16QAM	26775	8RB#7	20.81	PASS
Band26	3MHz	16QAM	26775	8RB#0	20.86	PASS
Band26	3MHz	16QAM	26775	15RB#0	20.89	PASS

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Band26	5MHz	QPSK	26715	1RB#24	22.82	PASS
Band26	5MHz	QPSK	26715	1RB#12	23.03	PASS
Band26	5MHz	QPSK	26715	12RB#13	21.75	PASS
Band26	5MHz	QPSK	26715	12RB#0	21.77	PASS
Band26	5MHz	QPSK	26715	12RB#6	21.82	PASS
Band26	5MHz	QPSK	26715	25RB#0	21.76	PASS
Band26	5MHz	QPSK	26740	1RB#0	22.84	PASS
Band26	5MHz	QPSK	26740	1RB#12	23.00	PASS
Band26	5MHz	QPSK	26740	1RB#24	22.74	PASS
Band26	5MHz	QPSK	26740	12RB#0	21.78	PASS
Band26	5MHz	QPSK	26740	12RB#13	21.79	PASS
Band26	5MHz	QPSK	26740	12RB#6	21.81	PASS
Band26	5MHz	QPSK	26740	25RB#0	21.85	PASS
Band26	5MHz	QPSK	26765	1RB#12	22.68	PASS
Band26	5MHz	QPSK	26765	1RB#24	22.76	PASS
Band26	5MHz	QPSK	26765	1RB#0	22.78	PASS
Band26	5MHz	QPSK	26765	12RB#6	21.78	PASS
Band26	5MHz	QPSK	26765	12RB#13	21.94	PASS
Band26	5MHz	QPSK	26765	12RB#0	21.83	PASS
Band26	5MHz	QPSK	26765	25RB#0	21.82	PASS
Band26	5MHz	64QAM	26715	1RB#0	20.95	PASS
Band26	5MHz	64QAM	26715	1RB#12	21.16	PASS
Band26	5MHz	64QAM	26715	1RB#24	20.98	PASS
Band26	5MHz	64QAM	26715	12RB#0	19.79	PASS
Band26	5MHz	64QAM	26715	12RB#6	19.78	PASS
Band26	5MHz	64QAM	26715	12RB#13	19.77	PASS
Band26	5MHz	64QAM	26715	25RB#0	19.72	PASS
Band26	5MHz	64QAM	26740	1RB#0	21.21	PASS
Band26	5MHz	64QAM	26740	1RB#12	20.82	PASS
Band26	5MHz	64QAM	26740	1RB#24	20.99	PASS
Band26	5MHz	64QAM	26740	12RB#13	19.91	PASS
Band26	5MHz	64QAM	26740	12RB#0	19.80	PASS

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Band26	5MHz	64QAM	26740	25RB#0	19.83	PASS
Band26	5MHz	64QAM	26765	1RB#12	20.73	PASS
Band26	5MHz	64QAM	26765	1RB#0	21.27	PASS
Band26	5MHz	64QAM	26765	1RB#24	20.98	PASS
Band26	5MHz	64QAM	26765	12RB#13	19.92	PASS
Band26	5MHz	64QAM	26765	12RB#0	19.85	PASS
Band26	5MHz	64QAM	26765	12RB#6	19.77	PASS
Band26	5MHz	64QAM	26765	25RB#0	19.85	PASS
Band26	5MHz	16QAM	26715	1RB#24	22.04	PASS
Band26	5MHz	16QAM	26715	1RB#0	22.15	PASS
Band26	5MHz	16QAM	26715	1RB#12	21.92	PASS
Band26	5MHz	16QAM	26715	12RB#0	20.82	PASS
Band26	5MHz	16QAM	26715	12RB#13	20.79	PASS
Band26	5MHz	16QAM	26715	12RB#6	20.79	PASS
Band26	5MHz	16QAM	26715	25RB#0	20.77	PASS
Band26	5MHz	16QAM	26740	1RB#12	21.93	PASS
Band26	5MHz	16QAM	26740	1RB#24	21.98	PASS
Band26	5MHz	16QAM	26740	1RB#0	21.97	PASS
Band26	5MHz	16QAM	26740	12RB#0	20.91	PASS
Band26	5MHz	16QAM	26740	12RB#6	20.90	PASS
Band26	5MHz	16QAM	26740	12RB#13	20.88	PASS
Band26	5MHz	16QAM	26740	25RB#0	20.81	PASS
Band26	5MHz	16QAM	26765	1RB#0	21.99	PASS
Band26	5MHz	16QAM	26765	1RB#12	21.89	PASS
Band26	5MHz	16QAM	26765	1RB#24	22.00	PASS
Band26	5MHz	16QAM	26765	12RB#0	20.88	PASS
Band26	5MHz	16QAM	26765	12RB#6	20.84	PASS
Band26	5MHz	16QAM	26765	12RB#13	20.90	PASS
Band26	5MHz	16QAM	26765	25RB#0	20.87	PASS
Band26	10MHz	QPSK	26740	1RB#24	23.04	PASS
Band26	10MHz	QPSK	26740	1RB#49	22.33	PASS
Band26	10MHz	QPSK	26740	1RB#0	23.07	PASS

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Band26	10MHz	QPSK	26740	25RB#25	21.96	PASS
Band26	10MHz	QPSK	26740	25RB#12	21.80	PASS
Band26	10MHz	QPSK	26740	25RB#0	21.94	PASS
Band26	10MHz	QPSK	26740	50RB#0	21.91	PASS
Band26	10MHz	64QAM	26740	1RB#0	21.05	PASS
Band26	10MHz	64QAM	26740	1RB#24	21.51	PASS
Band26	10MHz	64QAM	26740	1RB#49	20.46	PASS
Band26	10MHz	64QAM	26740	25RB#0	19.87	PASS
Band26	10MHz	64QAM	26740	25RB#12	19.86	PASS
Band26	10MHz	64QAM	26740	25RB#25	19.92	PASS
Band26	10MHz	64QAM	26740	50RB#0	19.88	PASS
Band26	10MHz	16QAM	26740	1RB#49	22.35	PASS
Band26	10MHz	16QAM	26740	1RB#0	22.23	PASS
Band26	10MHz	16QAM	26740	1RB#24	21.91	PASS
Band26	10MHz	16QAM	26740	25RB#0	20.83	PASS
Band26	10MHz	16QAM	26740	25RB#12	20.78	PASS
Band26	10MHz	16QAM	26740	25RB#25	20.89	PASS
Band26	10MHz	16QAM	26740	50RB#0	20.85	PASS

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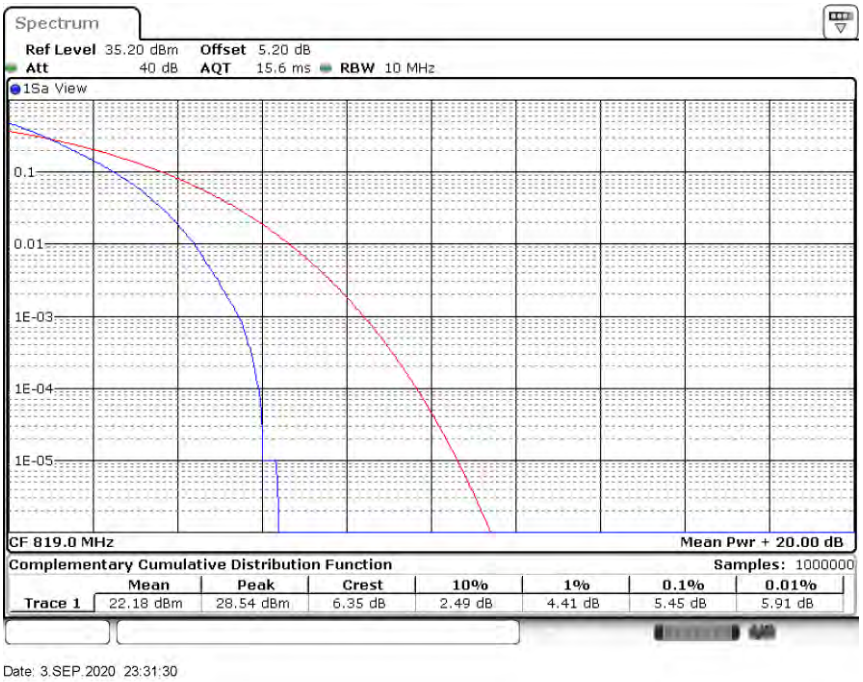
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	5.45	13	PASS
Band26	10MHz	64QAM	26740	50RB#0	6.46	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	6.12	13	PASS

2.2. Test Plots

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



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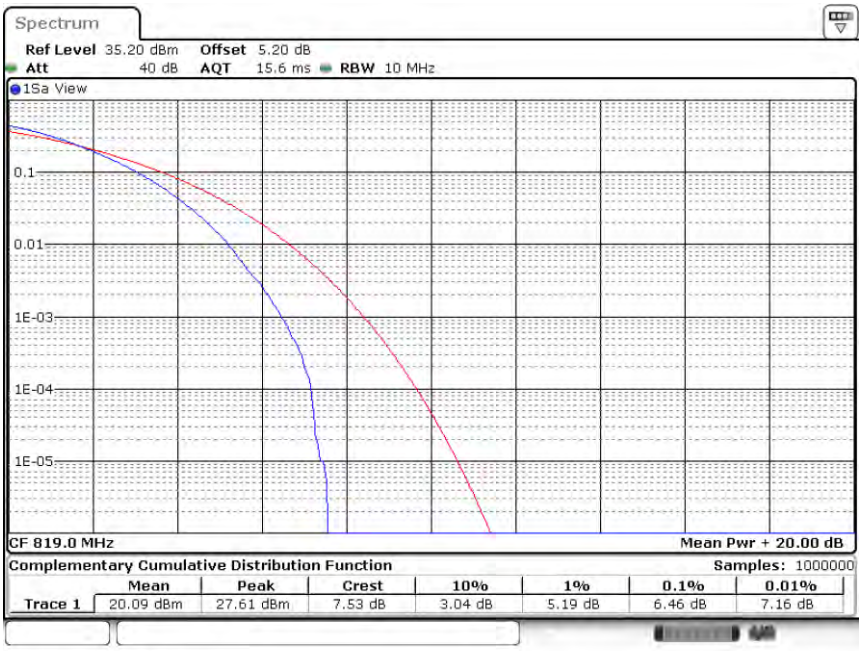
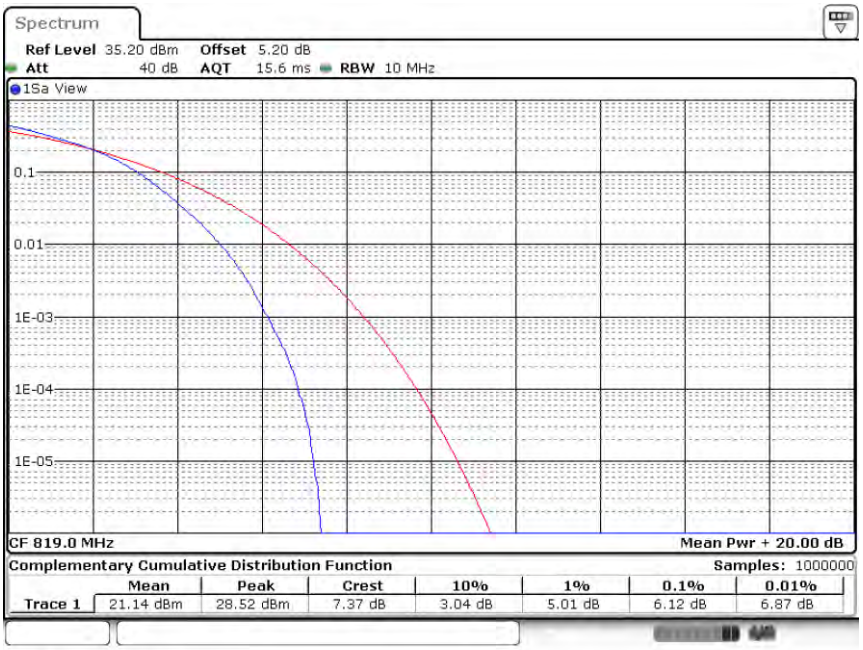
Band26-10MHz-64QAM-26740-50RB#0



Date: 4.SEP.2020 00:39:53

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



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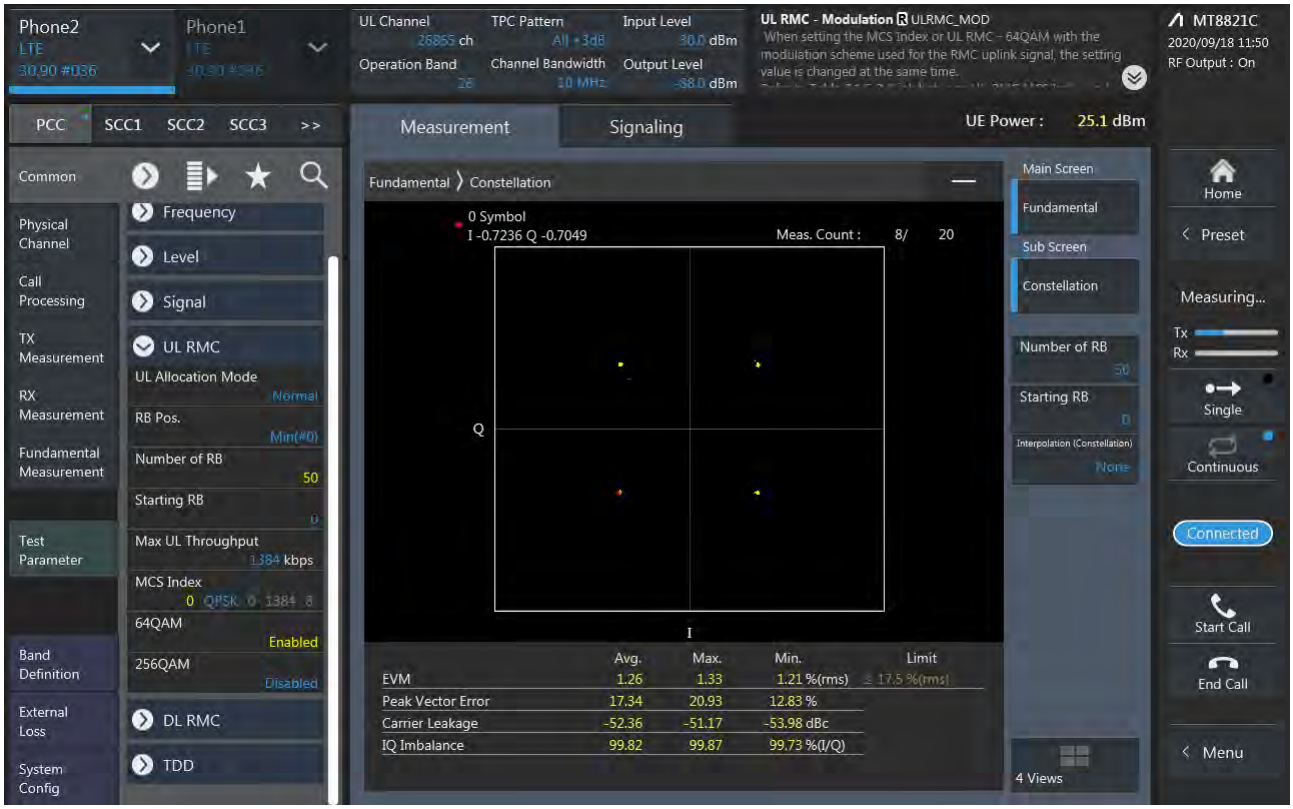
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

3.1.1.Test Channel = MCH



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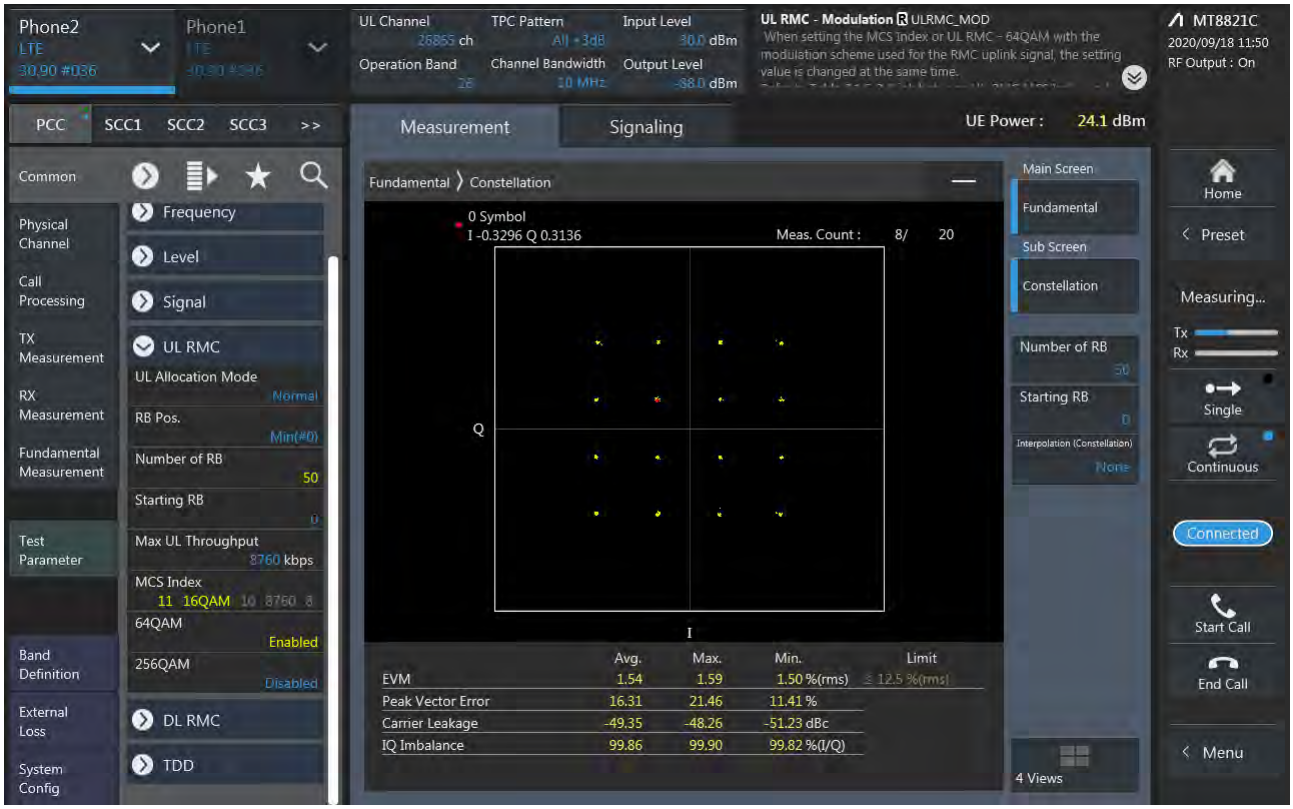
3.2. Test Mode = LTE /TM2 10MHz

3.2.1.Test Channel = MCH



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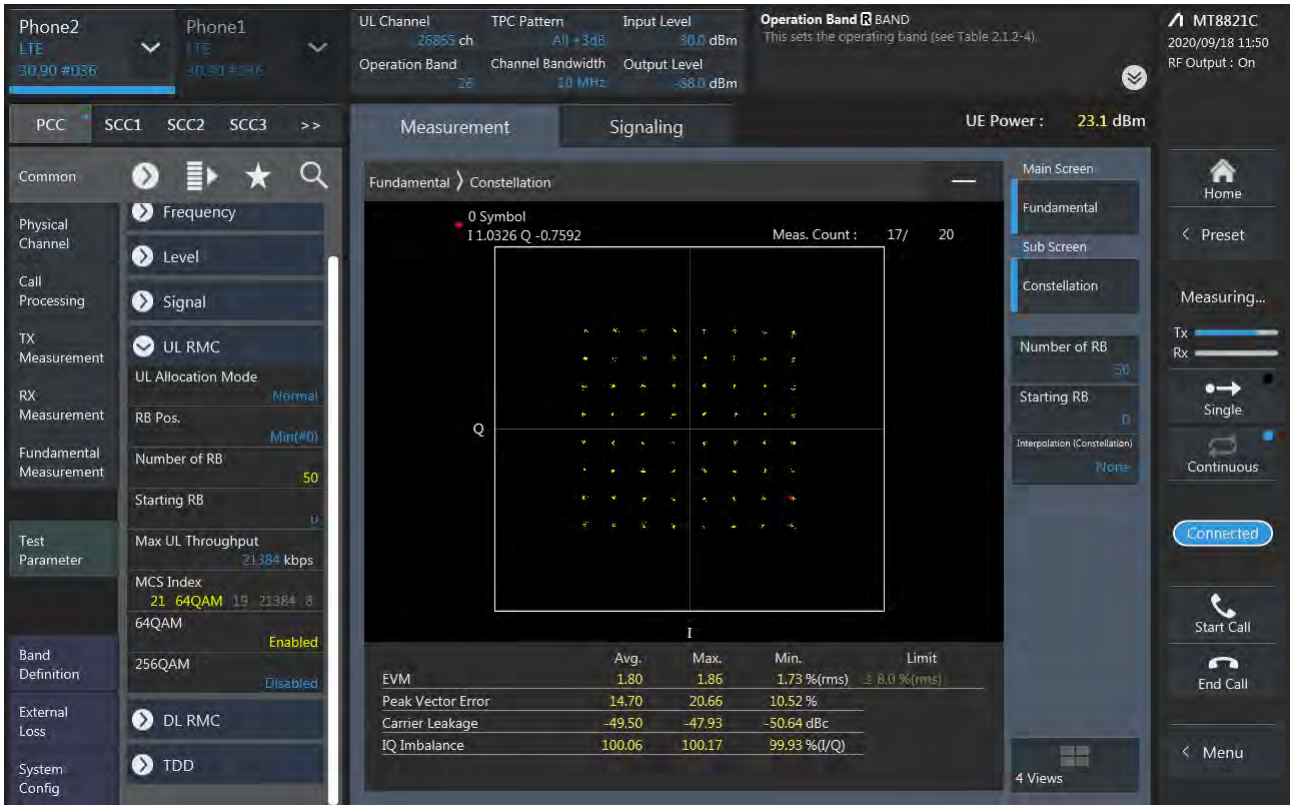
3.3. Test Mode = LTE /TM3 10MHz

3.3.1.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	26697	6RB#0	1.091	1.290	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.091	1.290	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.091	1.284	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	1.097	1.293	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	1.1	1.296	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	1.097	1.296	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.091	1.284	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.091	1.281	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.091	1.284	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.703	2.994	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.691	2.994	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.703	2.970	PASS
Band26	3MHz	64QAM	26705	15RB#0	2.691	2.988	PASS
Band26	3MHz	64QAM	26740	15RB#0	2.685	2.976	PASS
Band26	3MHz	64QAM	26775	15RB#0	2.691	2.964	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.685	2.976	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.691	2.970	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.685	2.964	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.476	4.950	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.476	4.940	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.476	4.940	PASS
Band26	5MHz	64QAM	26715	25RB#0	4.476	4.920	PASS
Band26	5MHz	64QAM	26740	25RB#0	4.476	4.940	PASS
Band26	5MHz	64QAM	26765	25RB#0	4.476	4.920	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.496	4.940	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.496	4.960	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.496	4.950	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.931	9.760	PASS
Band26	10MHz	64QAM	26740	50RB#0	8.911	9.780	PASS
Band26	10MHz	16QAM	26740	50RB#0	8.951	9.780	PASS

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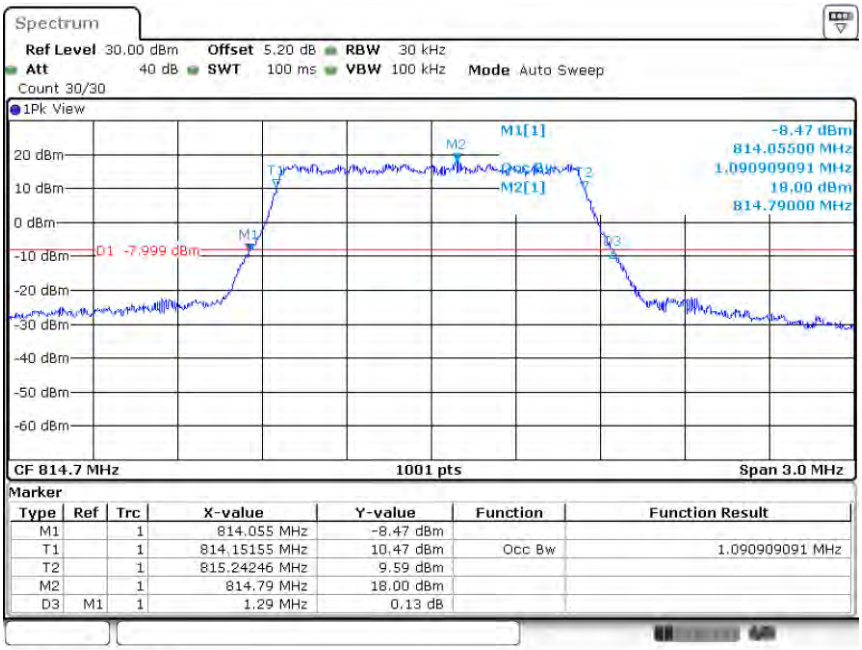
4.2. Test Plots

Band26-1.4MHz-QPSK-26697-6RB#0-1.091



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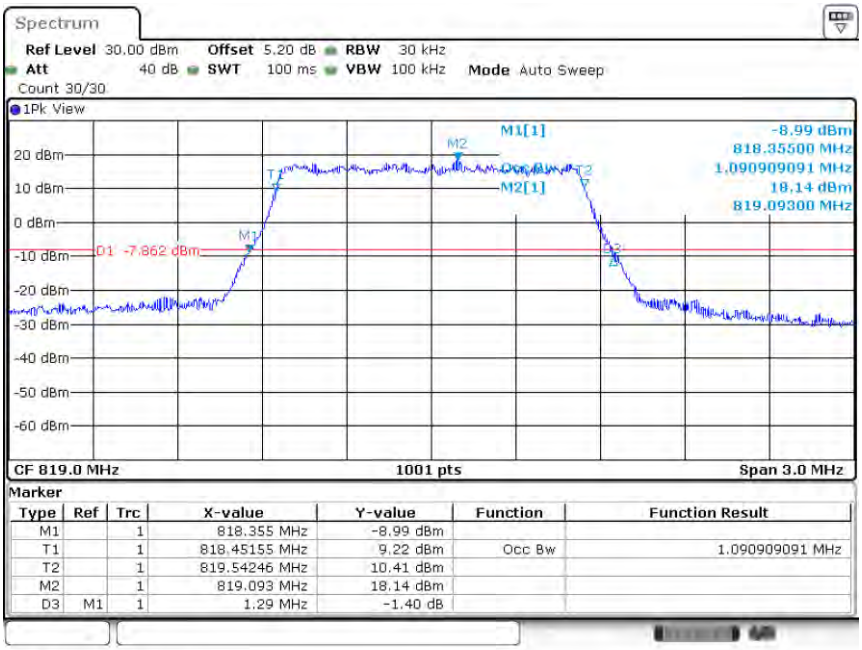
Band26-1.4MHz-QPSK-26740-6RB#0-1.091



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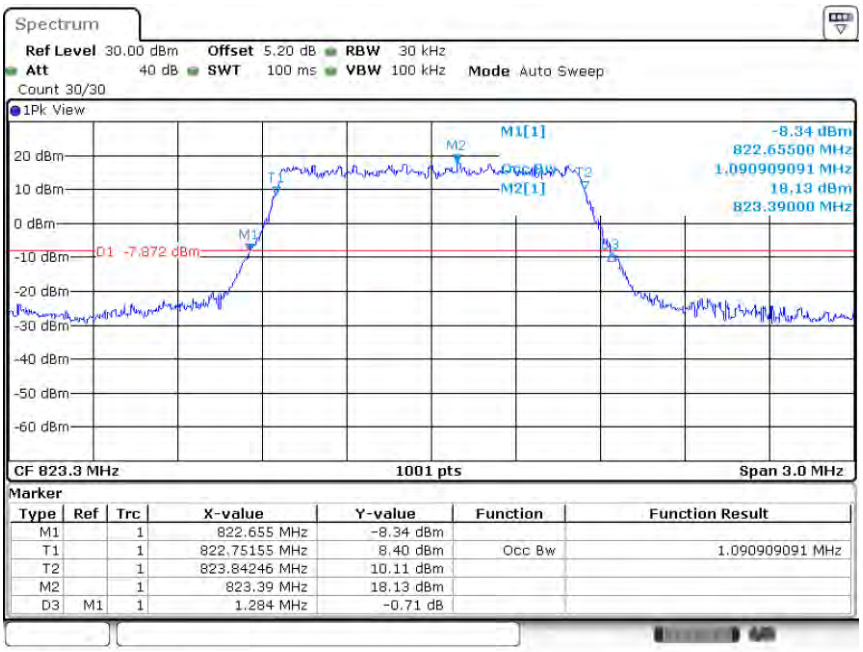
Band26-1.4MHz-QPSK-26783-6RB#0-1.091

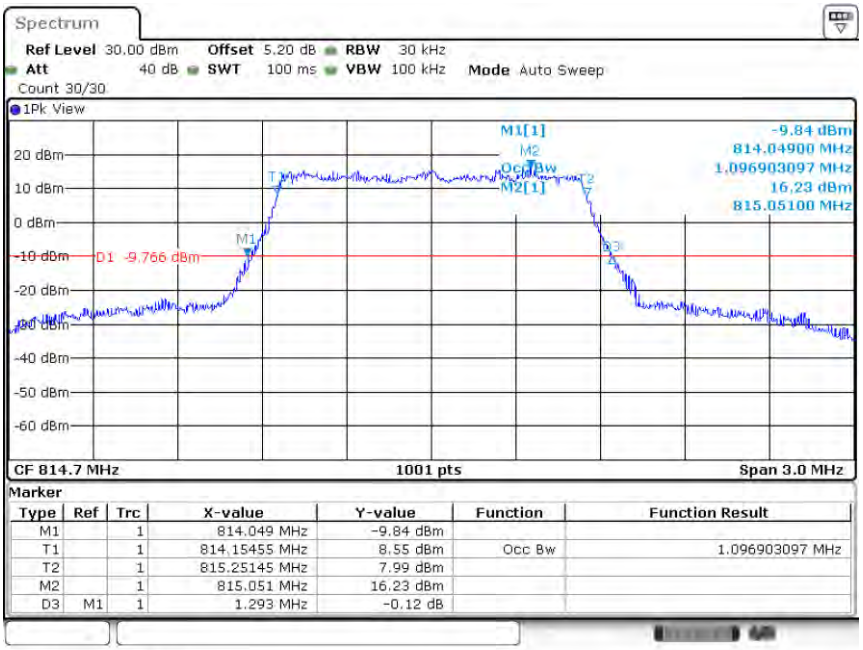


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	822.655 MHz	-8.34 dBm		
T1		1	822.75155 MHz	8.40 dBm	Occ Bw	1.090909091 MHz
T2		1	823.84246 MHz	10.11 dBm		
M2		1	823.39 MHz	18.13 dBm		
D3	M1	1	1.284 MHz	-0.71 dB		

Date: 3.SEP.2020 23:24:37

Band26-1.4MHz-64QAM-26697-6RB#0-1.097



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	814.049 MHz	-9.84 dBm		
T1		1	814.15455 MHz	8.55 dBm	Occ Bw	1.096903097 MHz
T2		1	815.25145 MHz	7.99 dBm		
M2		1	815.051 MHz	16.23 dBm		
D3	M1	1	1.293 MHz	-0.12 dB		

Date: 4.SEP.2020 00:35:48

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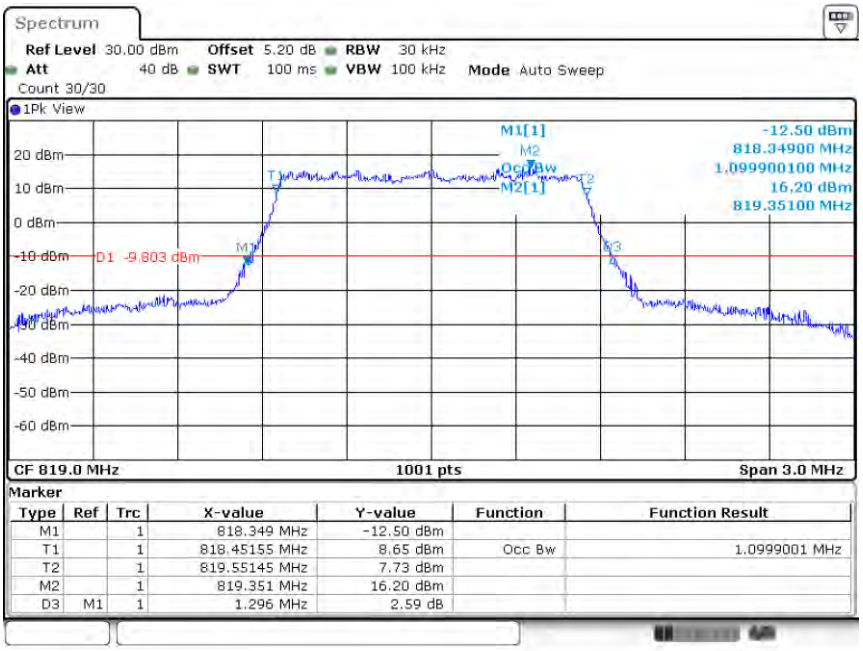
Band26-1.4MHz-64QAM-26740-6RB#0-1.1

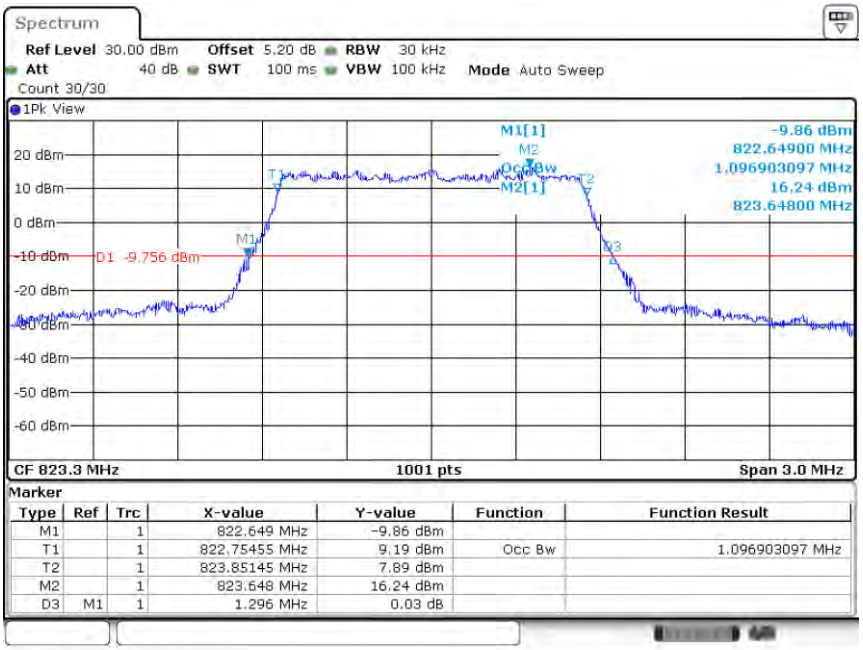


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	818.349 MHz	-12.50 dBm		
T1		1	818.45155 MHz	8.65 dBm	Occ Bw	1.0999001 MHz
T2		1	819.55145 MHz	7.73 dBm		
M2		1	819.351 MHz	16.20 dBm		
D3	M1	1	1.296 MHz	2.59 dB		

Date: 4.SEP.2020 00:36:01

Band26-1.4MHz-64QAM-26783-6RB#0-1.097



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	822.649 MHz	-9.86 dBm		
T1		1	822.75455 MHz	9.19 dBm	Occ Bw	1.096903097 MHz
T2		1	823.85145 MHz	7.89 dBm		
M2		1	823.648 MHz	16.24 dBm		
D3	M1	1	1.296 MHz	0.03 dB		

Date: 4.SEP.2020 00:36:14

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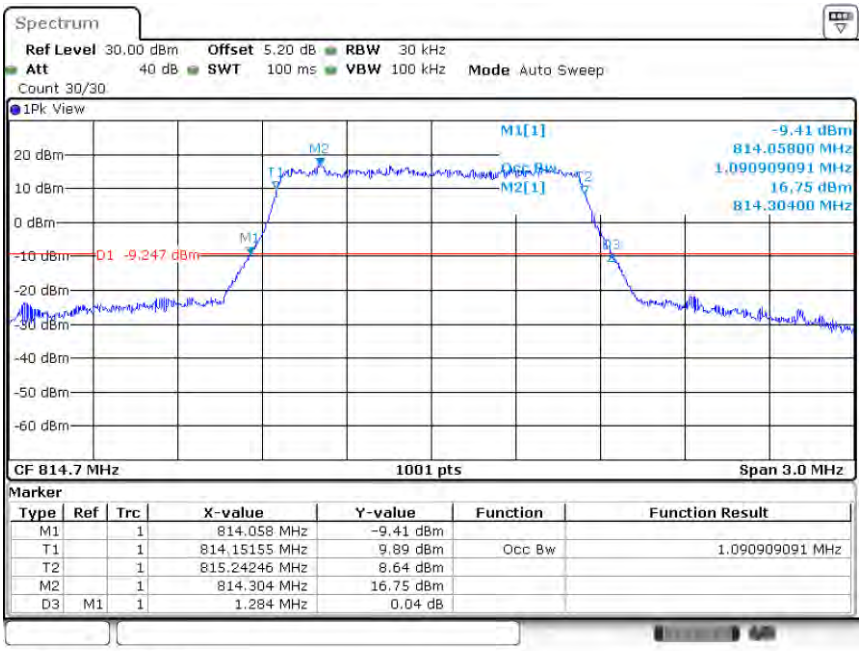
Band26-1.4MHz-16QAM-26697-6RB#0-1.091



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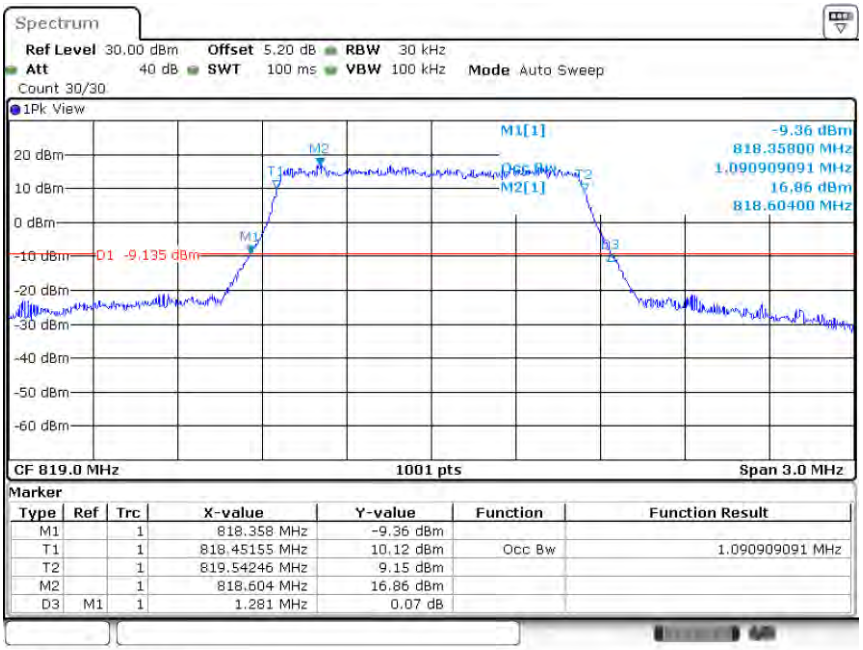
Band26-1.4MHz-16QAM-26740-6RB#0-1.091



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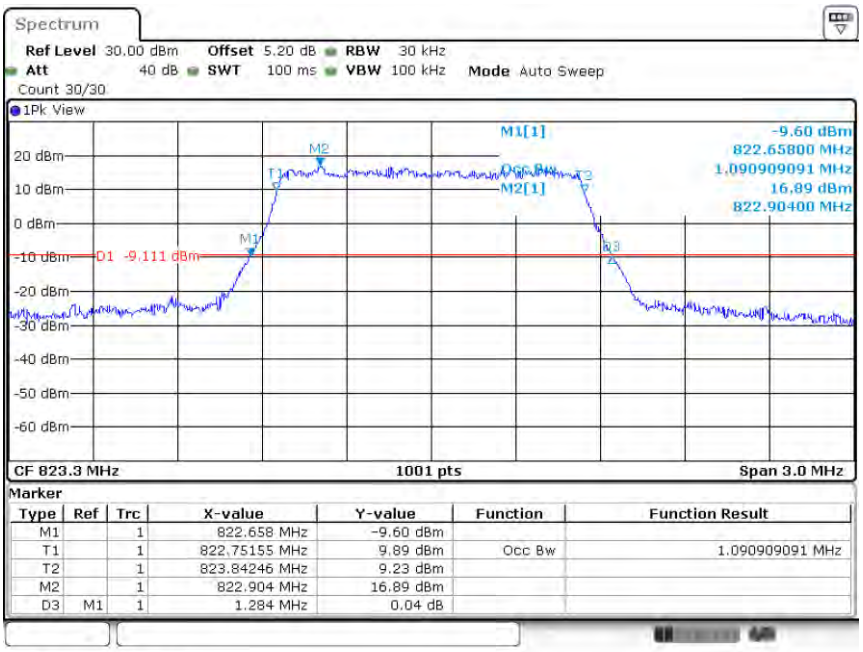
Band26-1.4MHz-16QAM-26783-6RB#0-1.091



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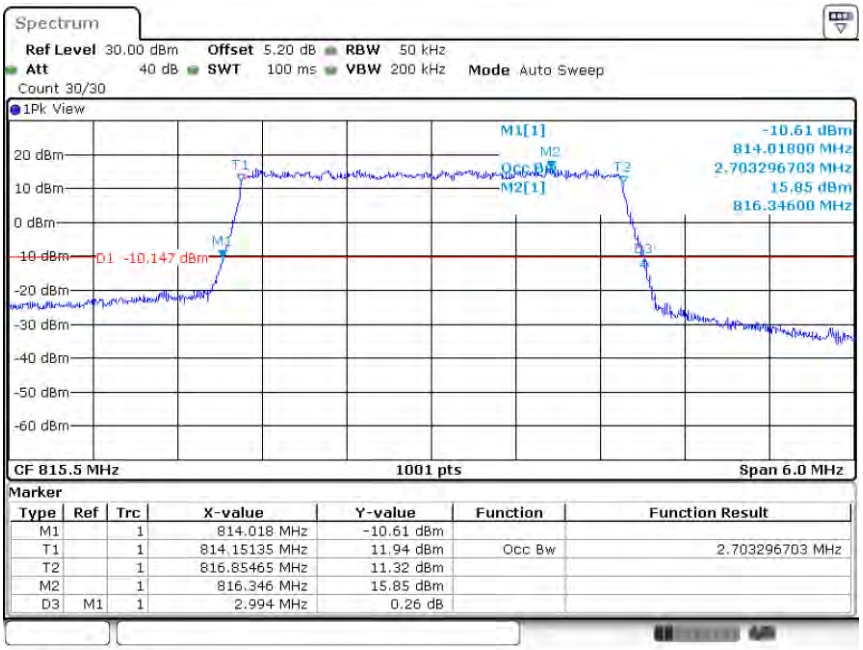
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	822.658 MHz	-9.60 dBm		
T1		1	822.75155 MHz	9.89 dBm	Occ Bw	1.090909091 MHz
T2		1	823.84246 MHz	9.23 dBm		
M2		1	822.904 MHz	16.89 dBm		
D3	M1	1	1.284 MHz	0.04 dB		

Date: 3.SEP.2020 23:24:49

Band26-3MHz-QPSK-26705-15RB#0-2.703



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	814.018 MHz	-10.61 dBm		
T1		1	814.15135 MHz	11.94 dBm	Occ Bw	2.703296703 MHz
T2		1	816.85465 MHz	11.32 dBm		
M2		1	816.346 MHz	15.85 dBm		
D3	M1	1	2.994 MHz	0.26 dB		

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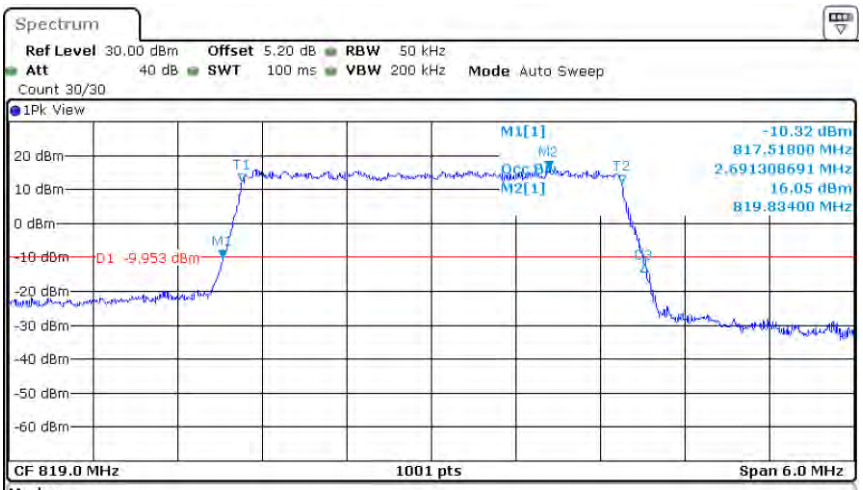
Band26-3MHz-QPSK-26740-15RB#0-2.691



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	817.518 MHz	-10.32 dBm		
T1		1	817.65734 MHz	12.18 dBm	Occ Bw	2.691308691 MHz
T2		1	820.34865 MHz	12.03 dBm		
M2		1	819.834 MHz	16.05 dBm		
D3	M1	1	2.994 MHz	-1.67 dB		

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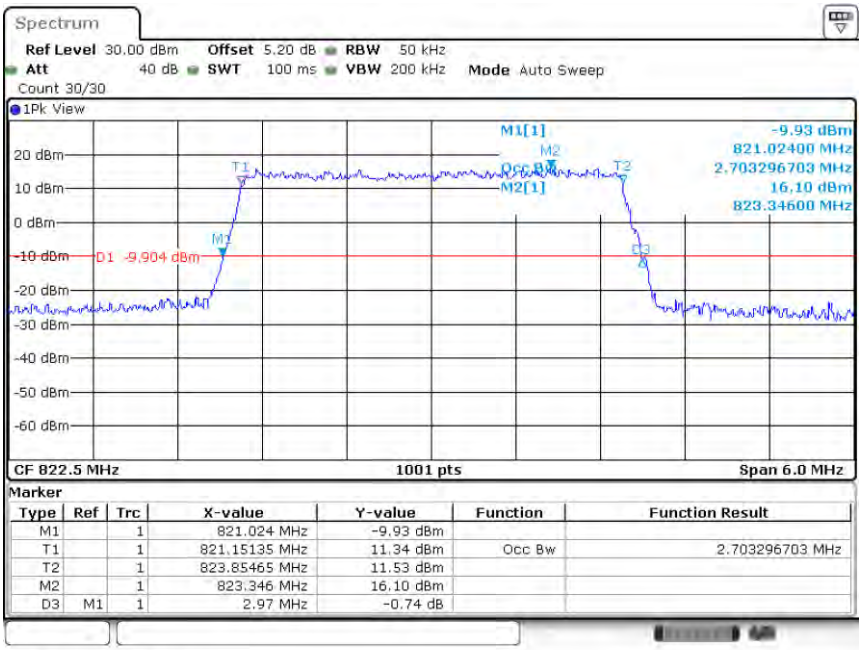
Band26-3MHz-QPSK-26775-15RB#0-2.703



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	821.024 MHz	-9.93 dBm		
T1		1	821.15135 MHz	11.34 dBm	Occ Bw	2.703296703 MHz
T2		1	823.85465 MHz	11.53 dBm		
M2		1	823.346 MHz	16.10 dBm		
D3	M1	1	2.97 MHz	-0.74 dB		

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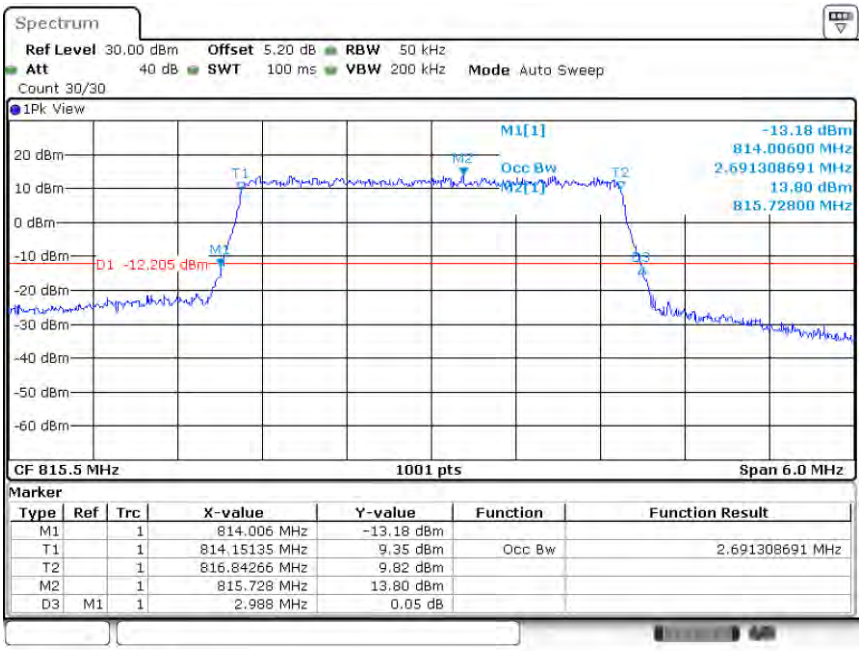
Band26-3MHz-64QAM-26705-15RB#0-2.691



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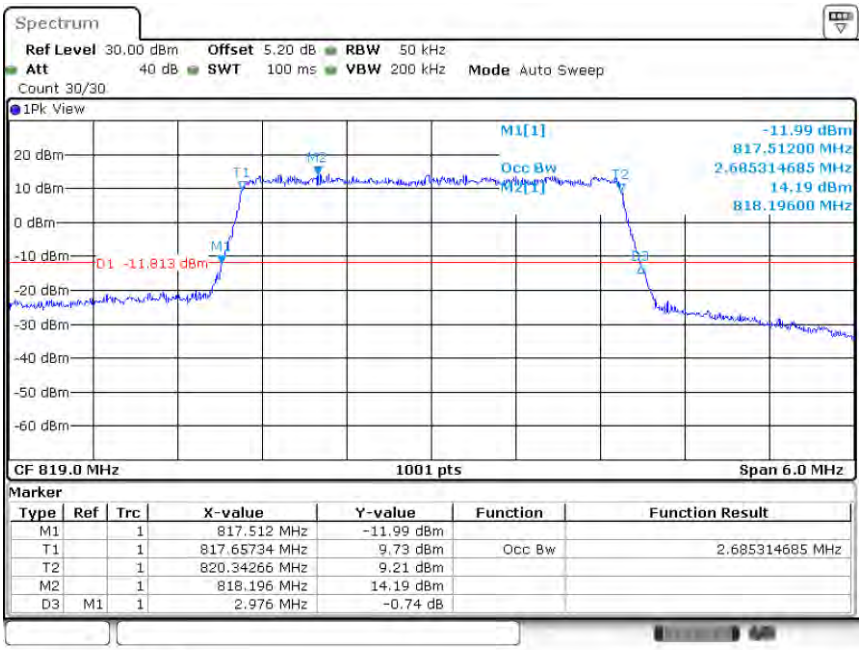
Band26-3MHz-64QAM-26740-15RB#0-2.685



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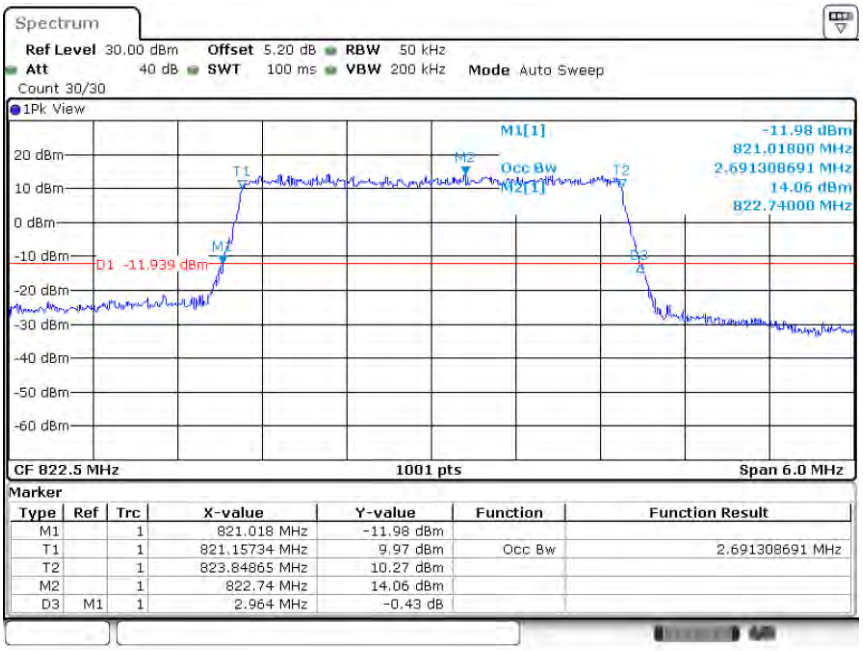

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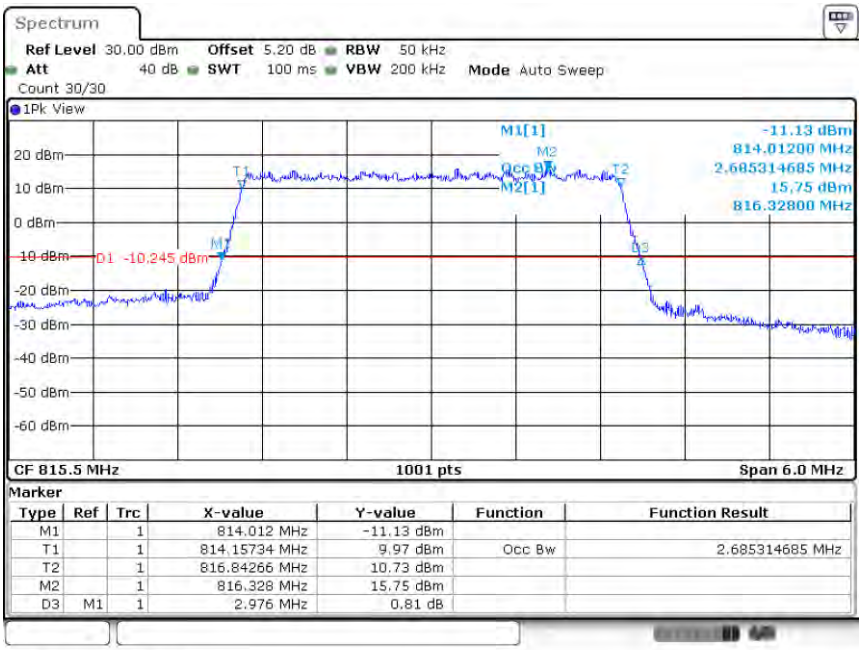
Band26-3MHz-16QAM-26705-15RB#0-2.685



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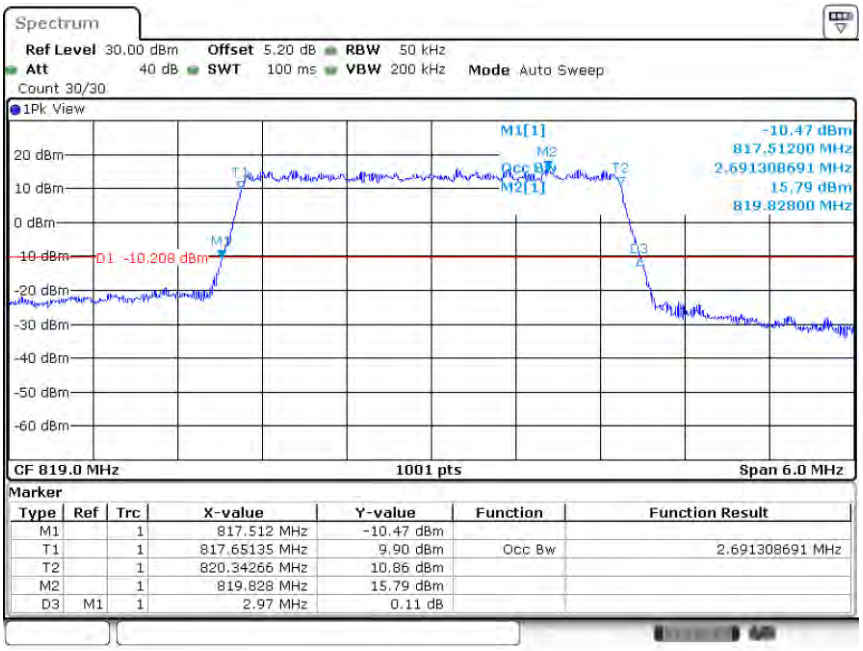

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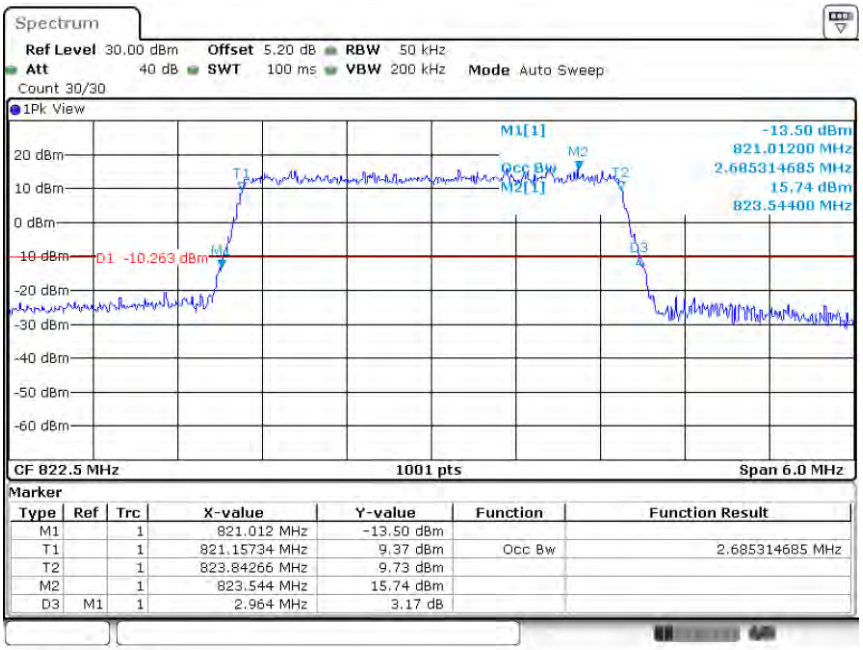
Band26-3MHz-16QAM-26775-15RB#0-2.685



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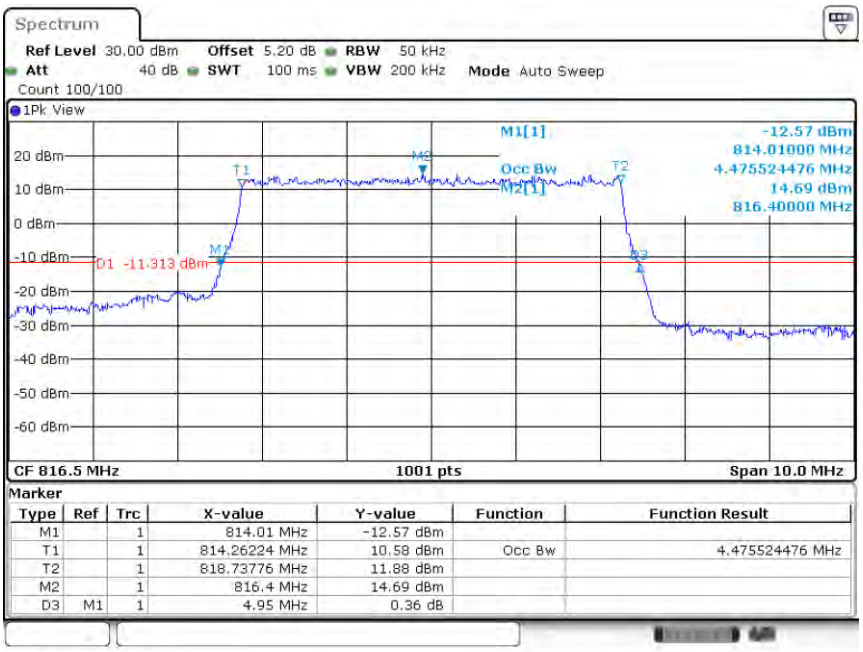
Band26-5MHz-QPSK-26715-25RB#0-4.476



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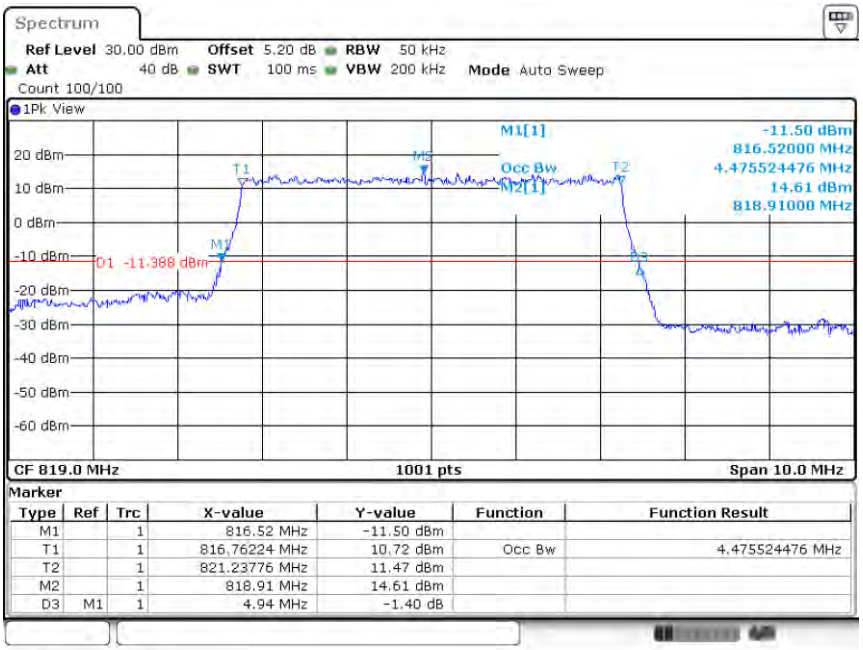
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	814.01 MHz	-12.57 dBm		
T1		1	814.26224 MHz	10.58 dBm	Occ Bw	4.475524476 MHz
T2		1	818.73776 MHz	11.88 dBm		
M2		1	816.4 MHz	14.69 dBm		
D3	M1	1	4.95 MHz	0.36 dB		

Date: 3.SEP.2020 23:26:37

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	816.52 MHz	-11.50 dBm		
T1		1	816.76224 MHz	10.72 dBm	Occ Bw	4.475524476 MHz
T2		1	821.23776 MHz	11.47 dBm		
M2		1	818.91 MHz	14.61 dBm		
D3	M1	1	4.94 MHz	-1.40 dB		

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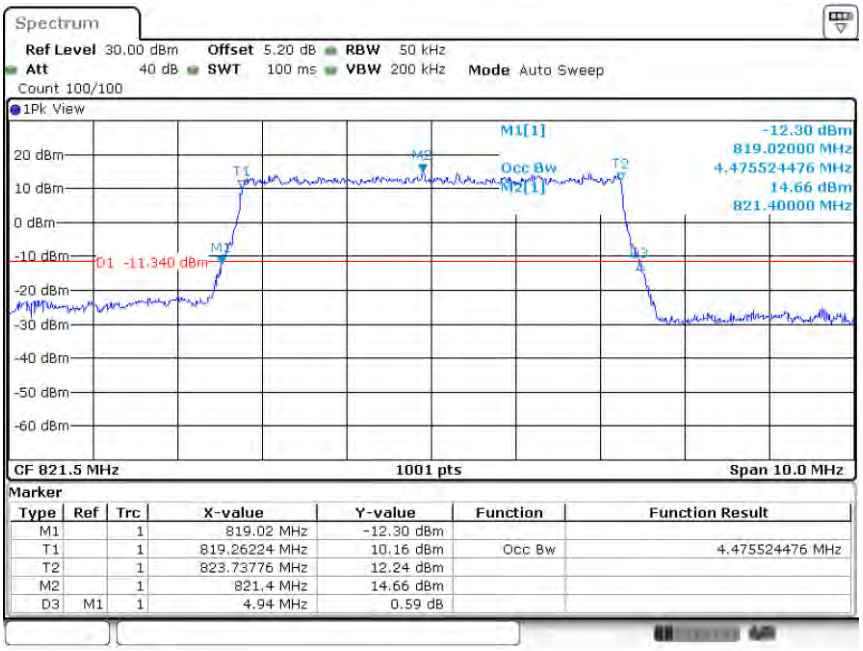
Band26-5MHz-QPSK-26765-25RB#0-4.476



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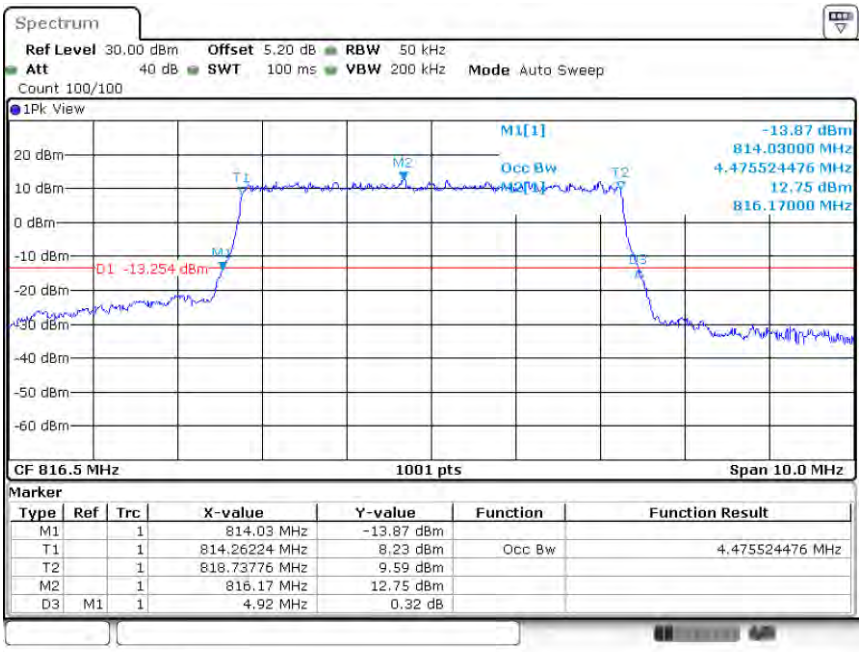
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	819.02 MHz	-12.30 dBm		
T1		1	819.26224 MHz	10.16 dBm	Occ Bw	4.475524476 MHz
T2		1	823.73776 MHz	12.24 dBm		
M2		1	821.4 MHz	14.66 dBm		
D3	M1	1	4.94 MHz	0.59 dB		

Date: 3.SEP.2020 23:27:57

Band26-5MHz-64QAM-26715-25RB#0-4.476



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	814.03 MHz	-13.87 dBm		
T1		1	814.26224 MHz	8.23 dBm	Occ Bw	4.475524476 MHz
T2		1	818.73776 MHz	9.59 dBm		
M2		1	816.17 MHz	12.75 dBm		
D3	M1	1	4.92 MHz	0.32 dB		

Date: 4.SEP.2020 00:37:23

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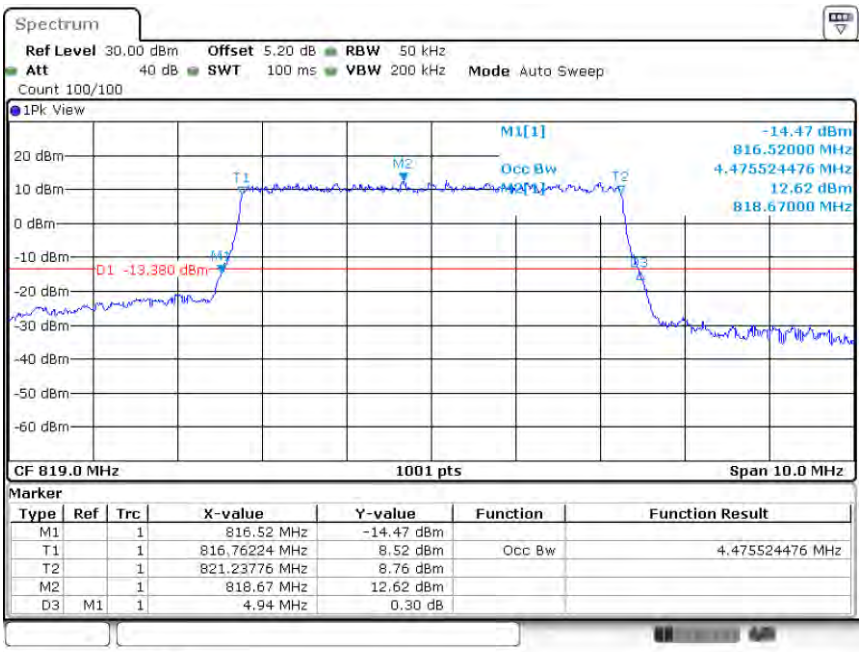
Band26-5MHz-64QAM-26740-25RB#0-4.476



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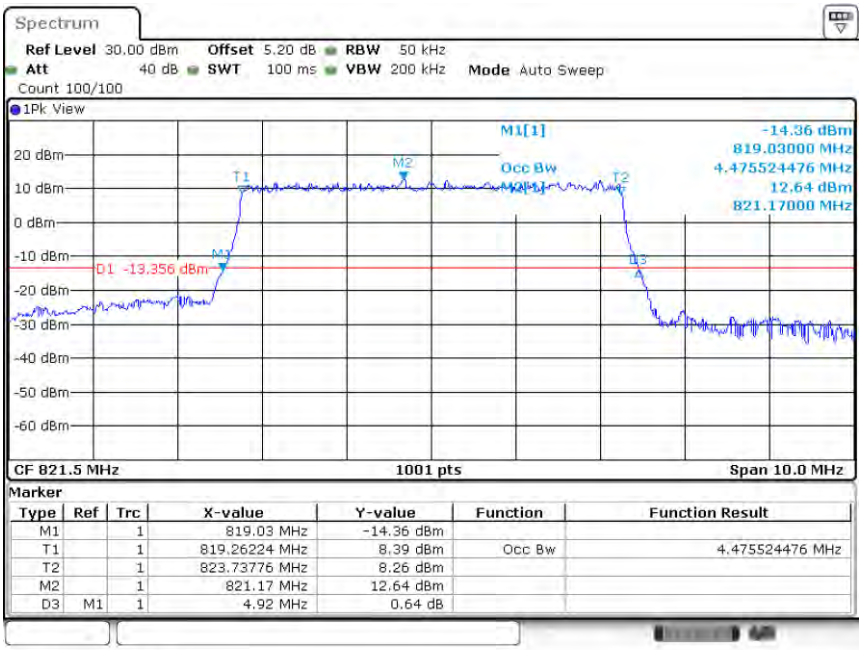
Band26-5MHz-64QAM-26765-25RB#0-4.476



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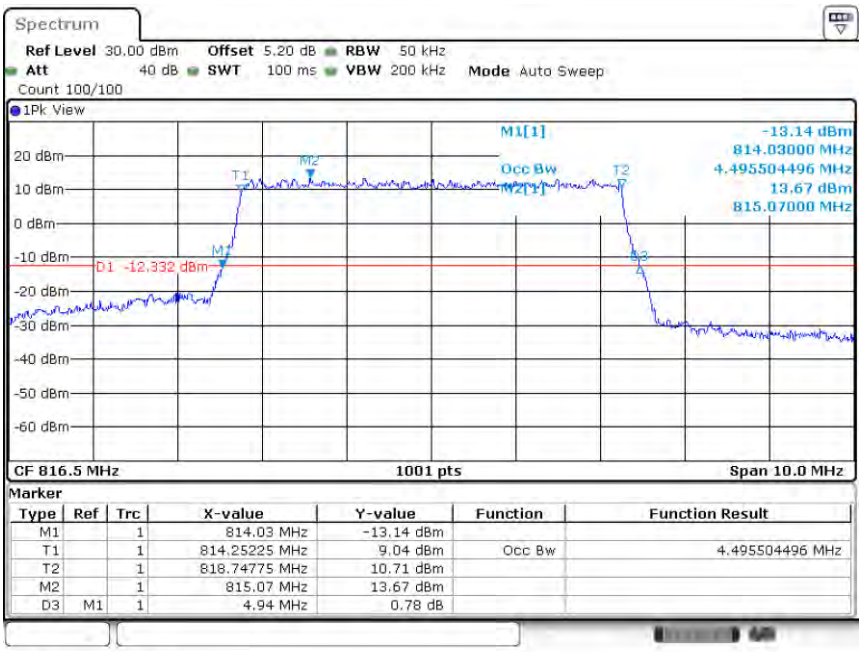
Band26-5MHz-16QAM-26715-25RB#0-4.496



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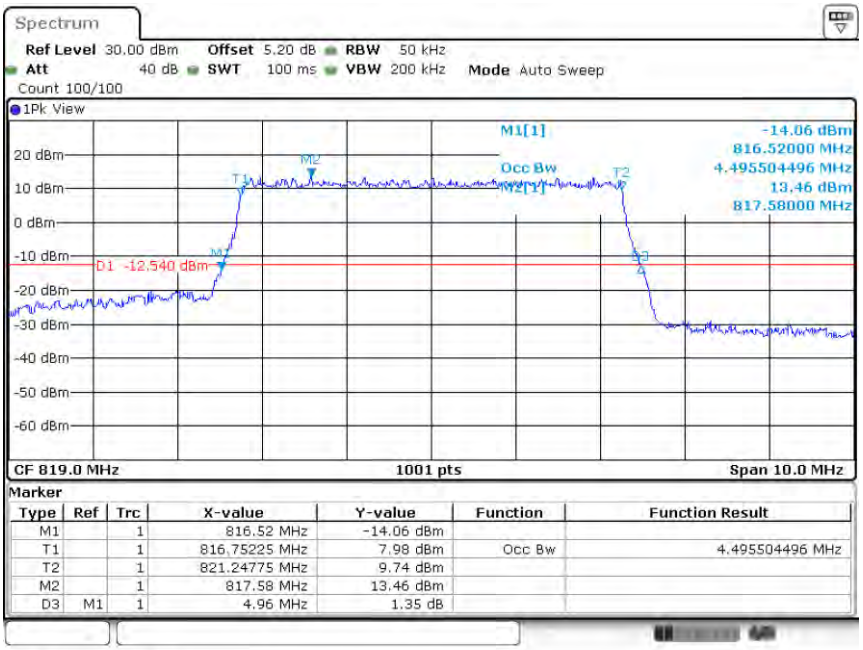
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	814.03 MHz	-13.14 dBm		
T1		1	814.25225 MHz	9.04 dBm	Occ Bw	4.495504496 MHz
T2		1	818.74775 MHz	10.71 dBm		
M2		1	815.07 MHz	13.67 dBm		
D3	M1	1	4.94 MHz	0.78 dB		

Date: 3.SEP.2020 23:26:57

Band26-5MHz-16QAM-26740-25RB#0-4.496



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	816.52 MHz	-14.06 dBm		
T1		1	816.75225 MHz	7.98 dBm	Occ Bw	4.495504496 MHz
T2		1	821.24775 MHz	9.74 dBm		
M2		1	817.58 MHz	13.46 dBm		
D3	M1	1	4.96 MHz	1.35 dB		

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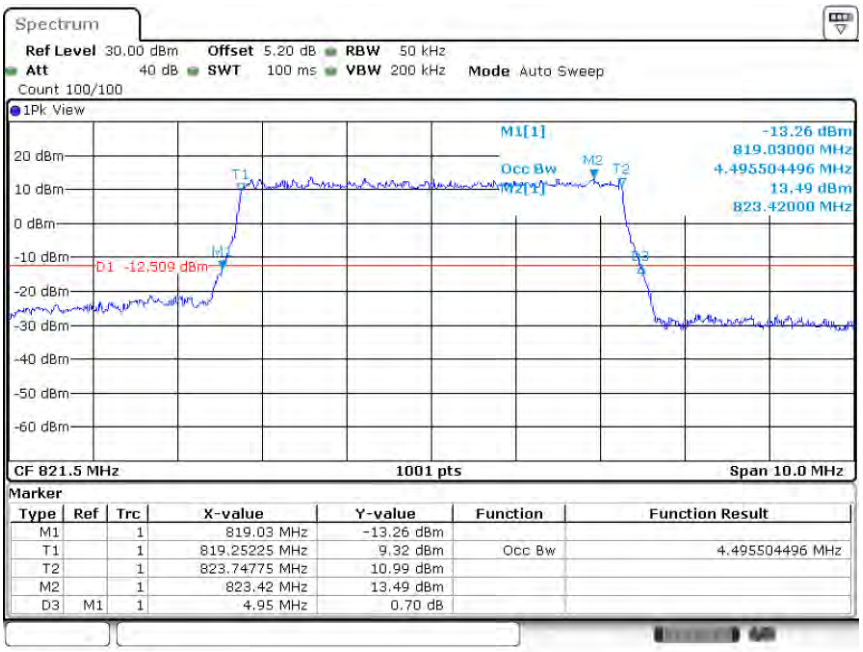
Band26-5MHz-16QAM-26765-25RB#0-4.496



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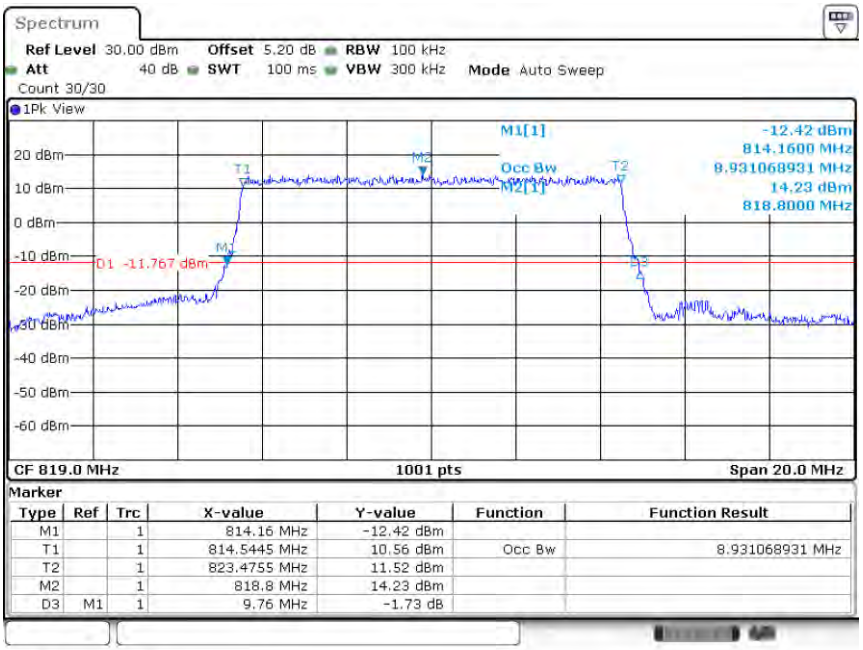
Band26-10MHz-QPSK-26740-50RB#0-8.931



Date: 3.SEP.2020 23:28:34

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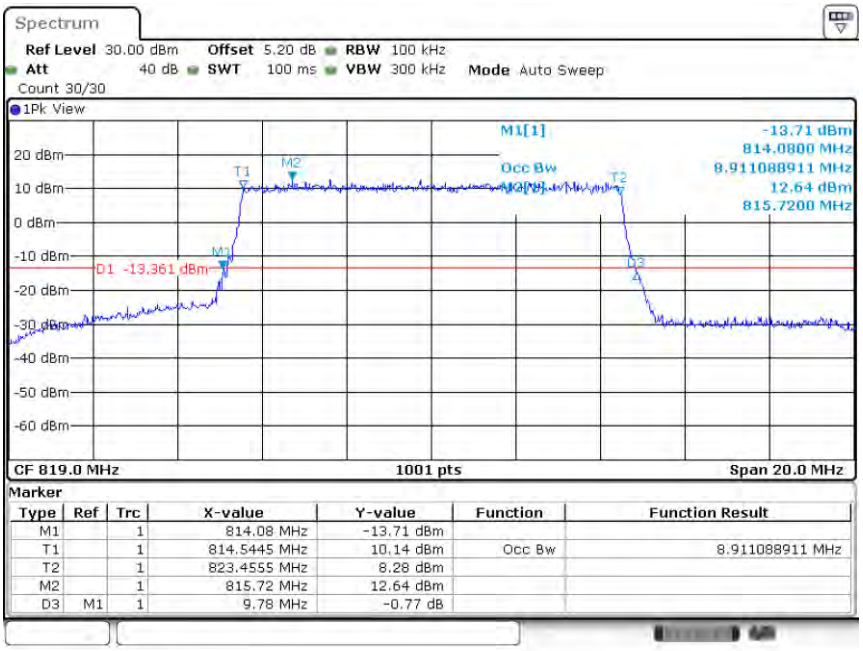
Band26-10MHz-64QAM-26740-50RB#0-8.911



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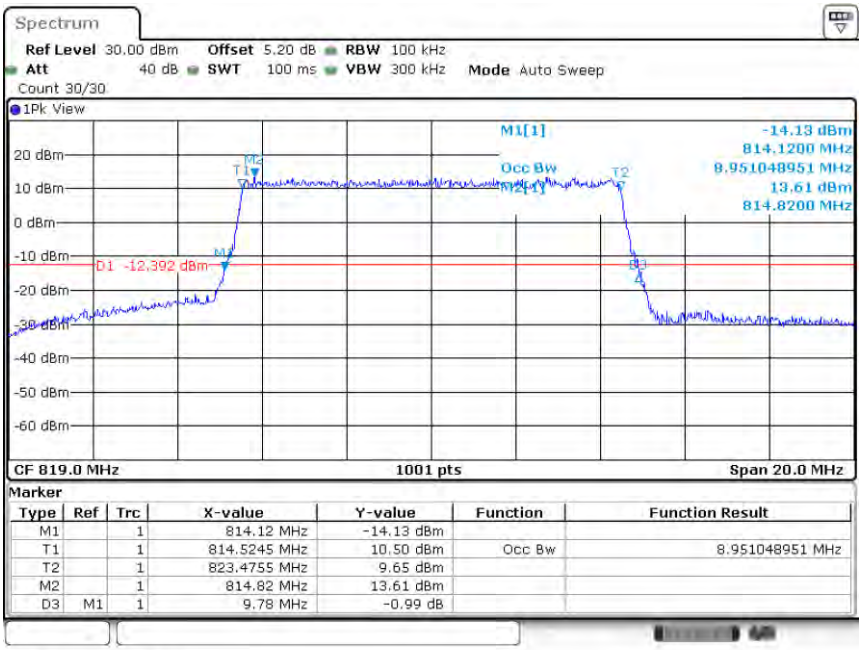

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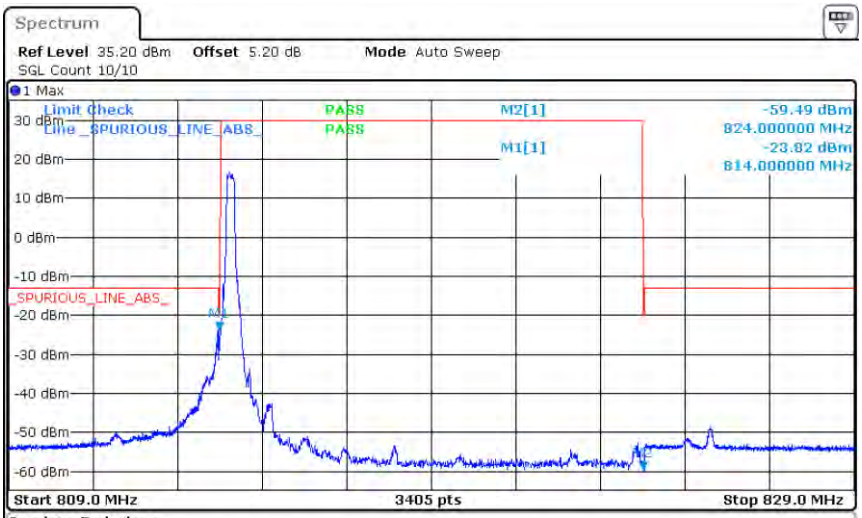
5. Band Edge Compliance

5.1. Test Plots

Band26-1.4MHz-QPSK-26697-1RB#0

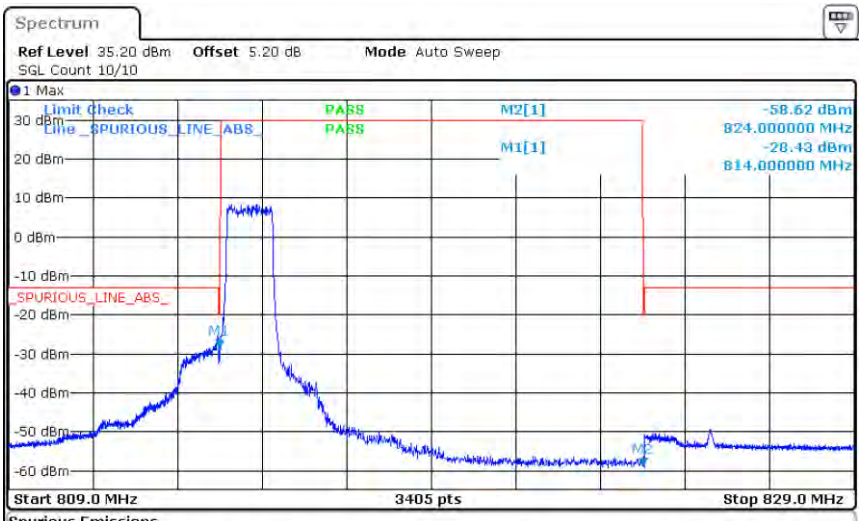


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.95506 MHz	-22.41 dBm	-9.41 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99972 MHz	-25.09 dBm	-5.09 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.22478 MHz	16.66 dBm	-13.34 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.02136 MHz	-58.62 dBm	-38.62 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.60656 MHz	-48.67 dBm	-35.67 dB

Date: 4.SEP.2020 15:48:03

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.95011 MHz	-25.53 dBm	-12.53 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99841 MHz	-29.06 dBm	-9.06 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.86414 MHz	8.50 dBm	-21.50 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.01894 MHz	-56.29 dBm	-36.29 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.60656 MHz	-49.48 dBm	-36.48 dB

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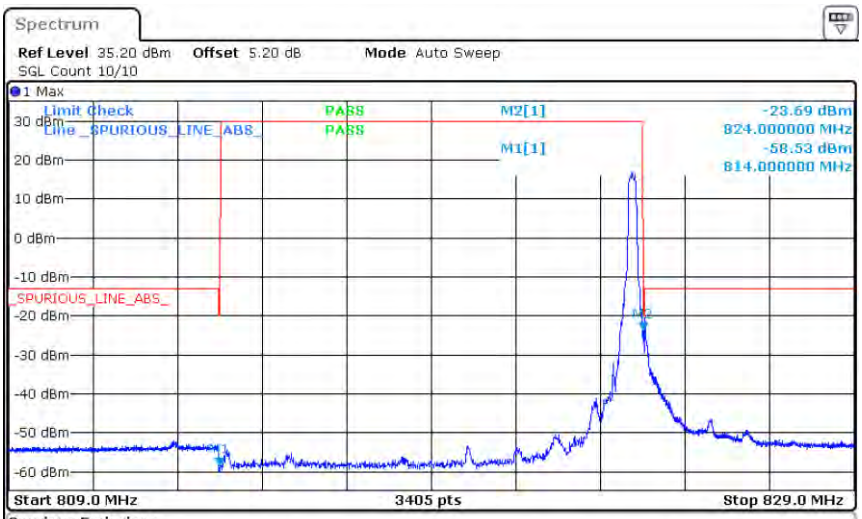
Band26-1.4MHz-QPSK-26783-1RB#5

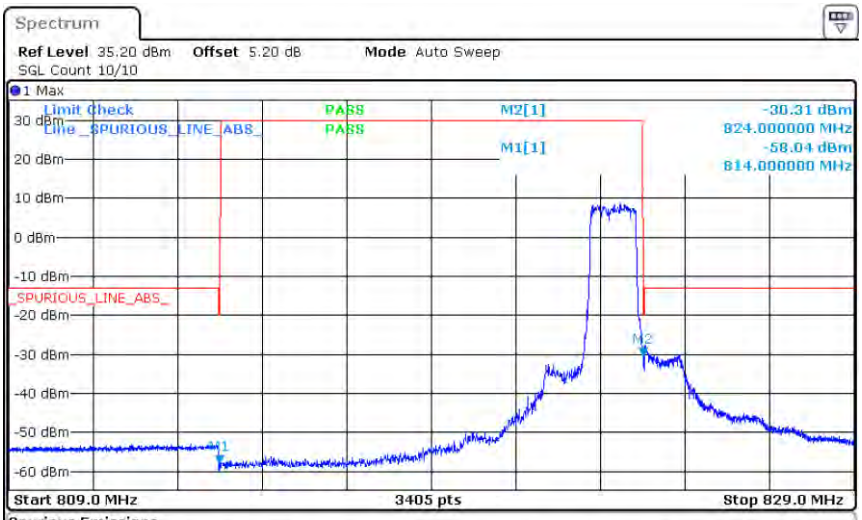


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	812.89911 MHz	-52.10 dBm	-39.10 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.98815 MHz	-59.07 dBm	-39.07 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.72527 MHz	16.88 dBm	-13.12 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00215 MHz	-22.40 dBm	-2.40 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.04494 MHz	-20.58 dBm	-7.58 dB

Date: 4.SEP.2020 15:49:59

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.31058 MHz	-53.09 dBm	-40.09 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99506 MHz	-58.05 dBm	-38.05 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.46553 MHz	8.58 dBm	-21.42 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00084 MHz	-29.98 dBm	-9.98 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.05981 MHz	-27.50 dBm	-14.50 dB

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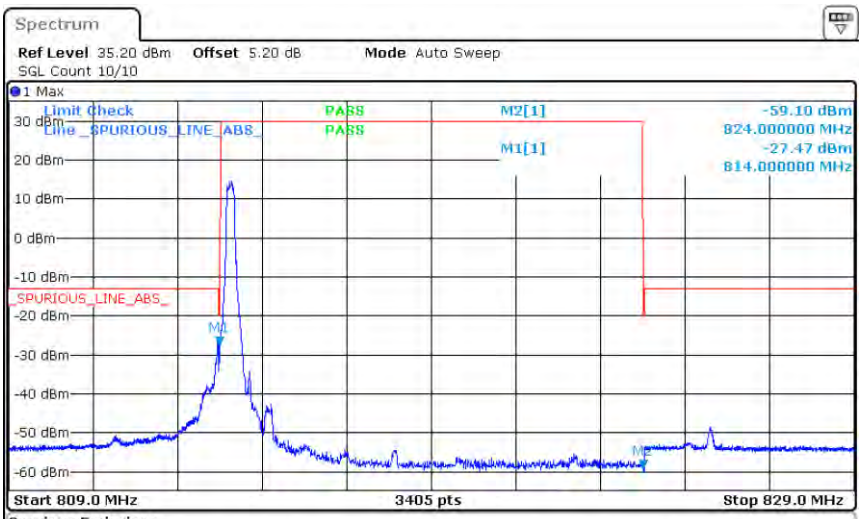
Band26-1.4MHz-64QAM-26697-1RB#0

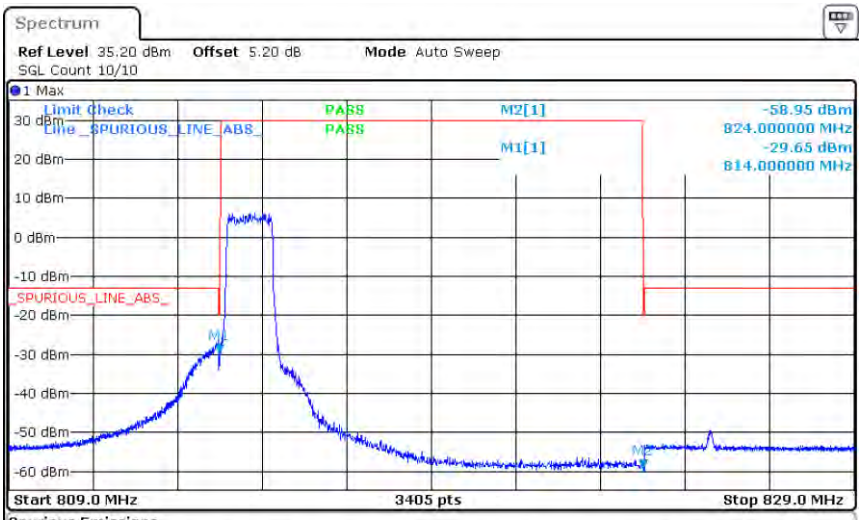


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-25.45 dBm	-12.45 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99785 MHz	-27.35 dBm	-7.35 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.21479 MHz	14.52 dBm	-15.48 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.02584 MHz	-58.95 dBm	-38.95 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.59665 MHz	-48.43 dBm	-35.43 dB

Date: 4.SEP.2020 15:49:20

Band26-1.4MHz-64QAM-26697-6RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-26.26 dBm	-13.26 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99935 MHz	-30.29 dBm	-10.29 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.83417 MHz	6.28 dBm	-23.72 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.02976 MHz	-58.15 dBm	-38.15 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.58177 MHz	-49.63 dBm	-36.63 dB

Date: 4.SEP.2020 15:53:11

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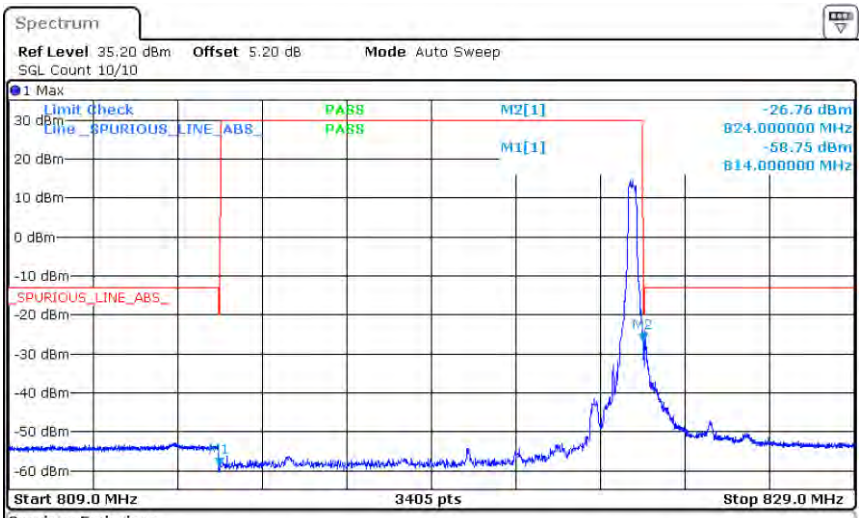
Band26-1.4MHz-64QAM-26783-1RB#5

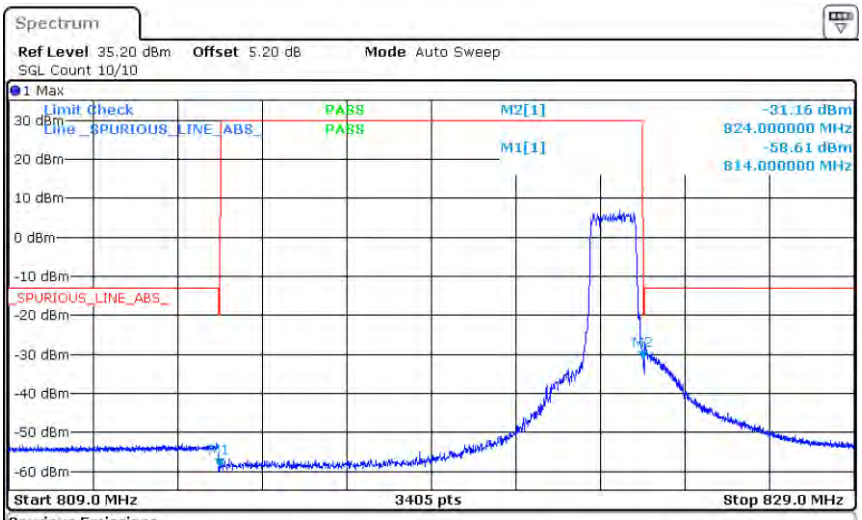


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	812.90406 MHz	-52.90 dBm	-39.90 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.97808 MHz	-59.24 dBm	-39.24 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.71528 MHz	14.54 dBm	-15.46 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00065 MHz	-25.97 dBm	-5.97 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-23.94 dBm	-10.94 dB

Date: 4.SEP.2020 15:51:15

Band26-1.4MHz-64QAM-26783-6RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.91540 MHz	-52.79 dBm	-39.79 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.97174 MHz	-58.32 dBm	-38.32 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.44555 MHz	6.82 dBm	-23.18 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00047 MHz	-31.16 dBm	-11.16 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-26.76 dBm	-13.76 dB

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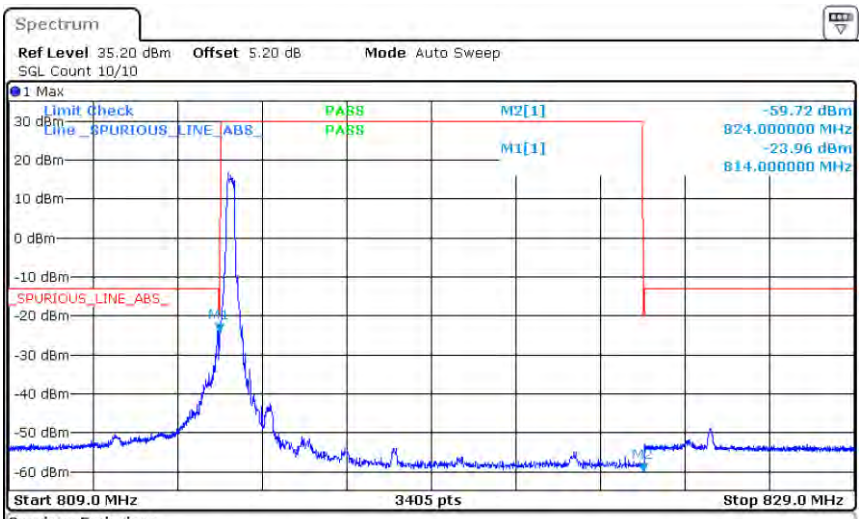
Band26-1.4MHz-16QAM-26697-1RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-22.85 dBm	-9.85 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99972 MHz	-24.54 dBm	-4.54 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.18482 MHz	16.64 dBm	-13.36 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.02435 MHz	-59.00 dBm	-39.00 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.60656 MHz	-48.92 dBm	-35.92 dB

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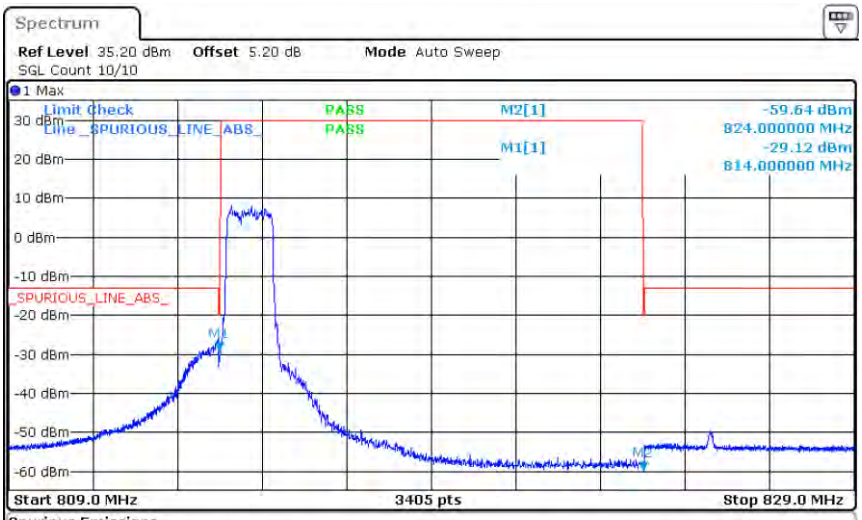
Band26-1.4MHz-16QAM-26697-6RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.95506 MHz	-25.80 dBm	-12.80 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99524 MHz	-29.96 dBm	-9.96 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.26474 MHz	8.33 dBm	-21.67 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00924 MHz	-57.77 dBm	-37.77 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.58673 MHz	-49.77 dBm	-36.77 dB

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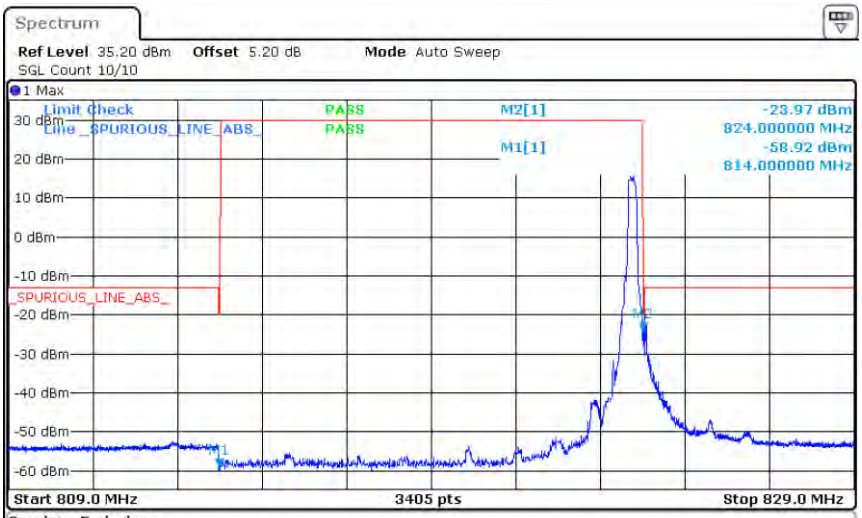
Band26-1.4MHz-16QAM-26783-1RB#5



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	812.87928 MHz	-52.42 dBm	-39.42 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.96931 MHz	-58.91 dBm	-38.91 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.69530 MHz	15.73 dBm	-14.27 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00364 MHz	-23.48 dBm	-3.48 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-18.82 dBm	-5.82 dB

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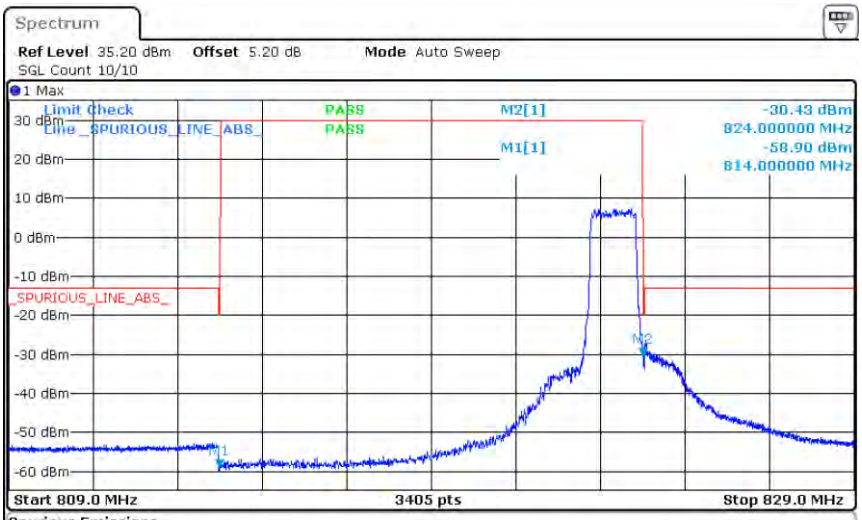
Band26-1.4MHz-16QAM-26783-6RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.81625 MHz	-52.71 dBm	-39.71 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.96558 MHz	-58.28 dBm	-38.28 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.72527 MHz	7.49 dBm	-22.51 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00196 MHz	-30.41 dBm	-10.41 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.05485 MHz	-26.61 dBm	-13.61 dB

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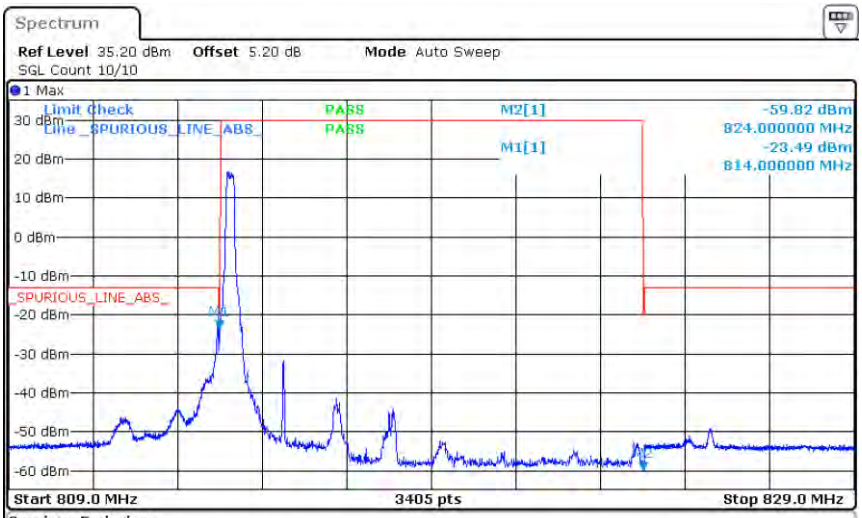
Band26-3MHz-QPSK-26705-1RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-20.56 dBm	-7.56 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99897 MHz	-23.36 dBm	-3.36 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.17483 MHz	16.88 dBm	-13.12 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.02006 MHz	-58.84 dBm	-38.84 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.60160 MHz	-48.98 dBm	-35.98 dB

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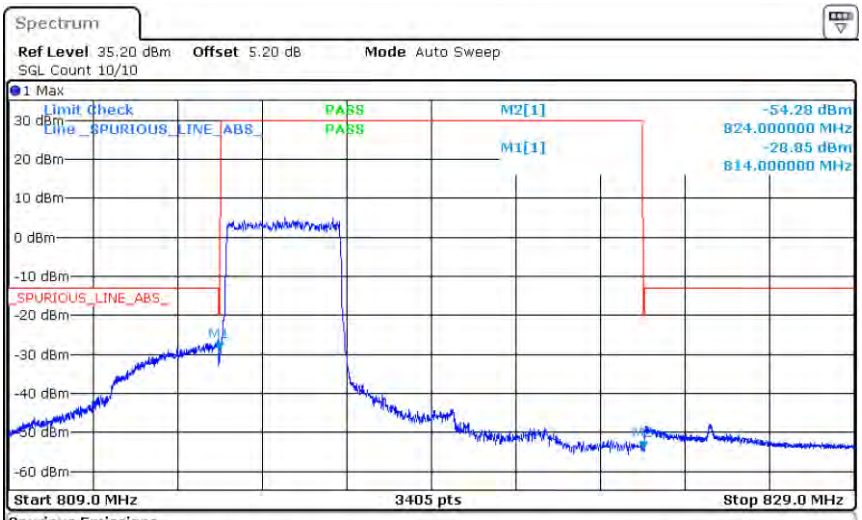
Band26-3MHz-QPSK-26705-15RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-26.02 dBm	-13.02 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99935 MHz	-29.85 dBm	-9.85 dB
814.000 MHz	824.000 MHz	30.000 kHz	815.53347 MHz	5.04 dBm	-24.96 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.01166 MHz	-53.39 dBm	-33.39 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.60160 MHz	-47.88 dBm	-34.88 dB

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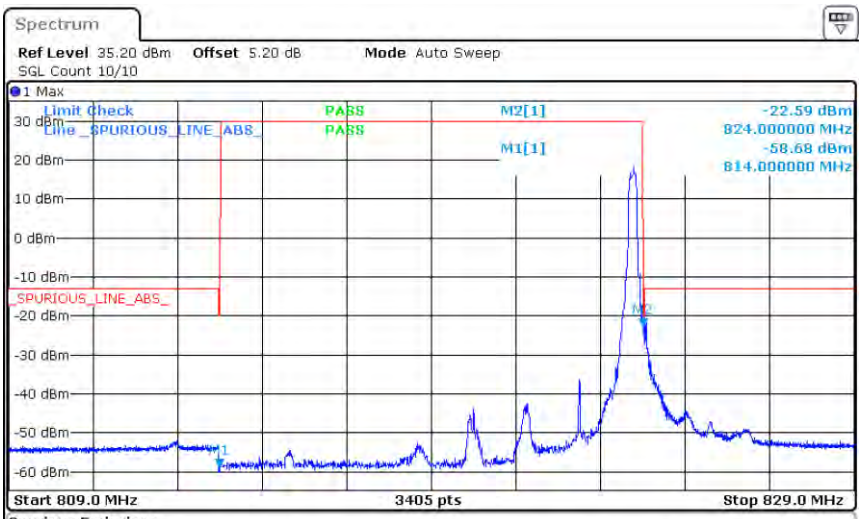
Band26-3MHz-QPSK-26775-1RB#14



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	812.97347 MHz	-52.22 dBm	-39.22 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.97603 MHz	-58.55 dBm	-38.55 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.78521 MHz	18.38 dBm	-11.62 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00028 MHz	-22.00 dBm	-2.00 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.04494 MHz	-19.86 dBm	-6.86 dB

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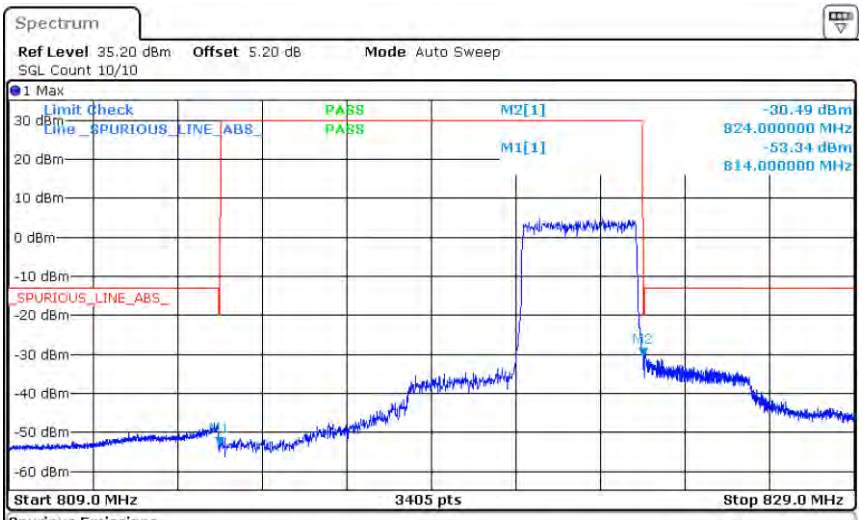
Band26-3MHz-QPSK-26775-15RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.93523 MHz	-47.72 dBm	-34.72 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99095 MHz	-53.41 dBm	-33.41 dB
814.000 MHz	824.000 MHz	30.000 kHz	821.56743 MHz	4.64 dBm	-25.36 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00121 MHz	-30.43 dBm	-10.43 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.04494 MHz	-28.37 dBm	-15.37 dB

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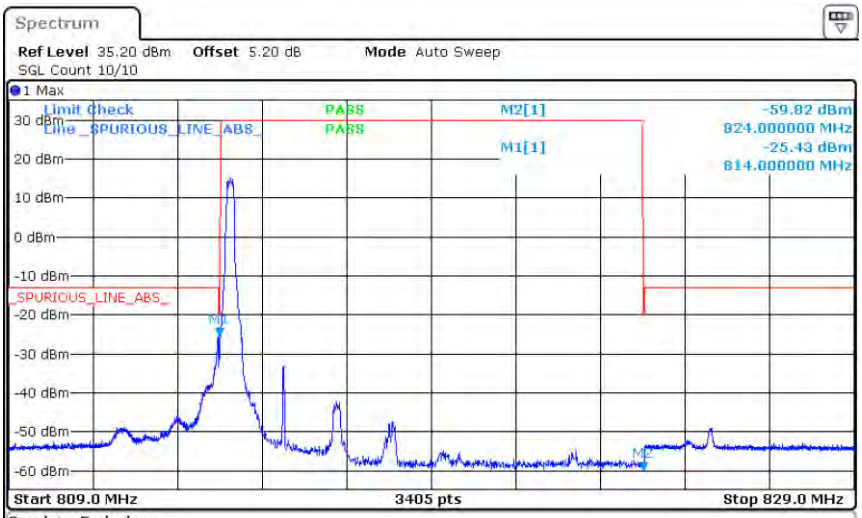
Band26-3MHz-64QAM-26705-1RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-23.15 dBm	-10.15 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99953 MHz	-26.07 dBm	-6.07 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.23477 MHz	15.30 dBm	-14.70 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00513 MHz	-59.00 dBm	-39.00 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.61152 MHz	-49.00 dBm	-36.00 dB

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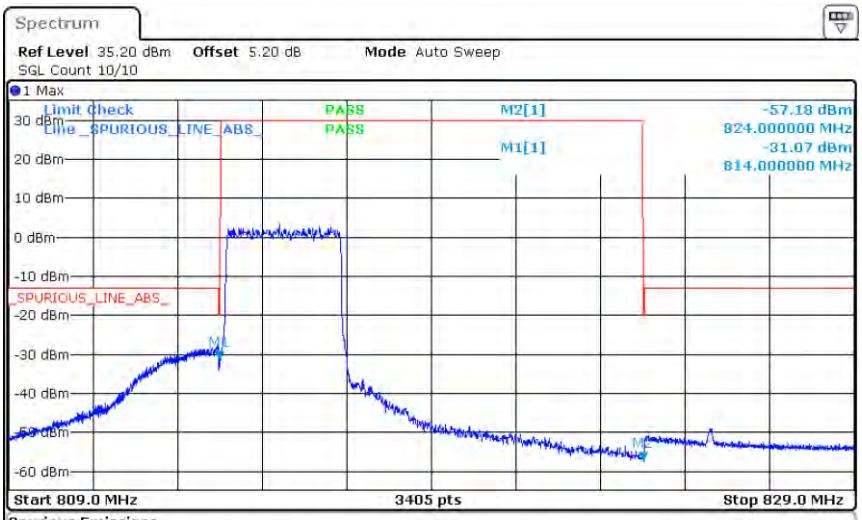
Band26-3MHz-64QAM-26705-15RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-26.99 dBm	-13.99 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99991 MHz	-31.41 dBm	-11.41 dB
814.000 MHz	824.000 MHz	30.000 kHz	815.40360 MHz	3.39 dBm	-26.61 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.02640 MHz	-55.85 dBm	-35.85 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.59169 MHz	-49.02 dBm	-36.02 dB

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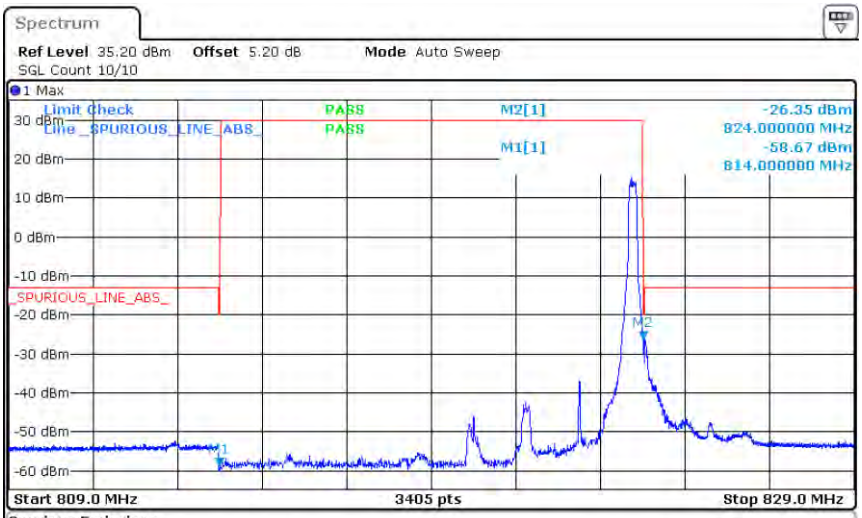
Band26-3MHz-64QAM-26775-1RB#14



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	812.92389 MHz	-52.31 dBm	-39.31 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.97453 MHz	-59.20 dBm	-39.20 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.74525 MHz	15.27 dBm	-14.73 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00028 MHz	-25.74 dBm	-5.74 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-24.37 dBm	-11.37 dB

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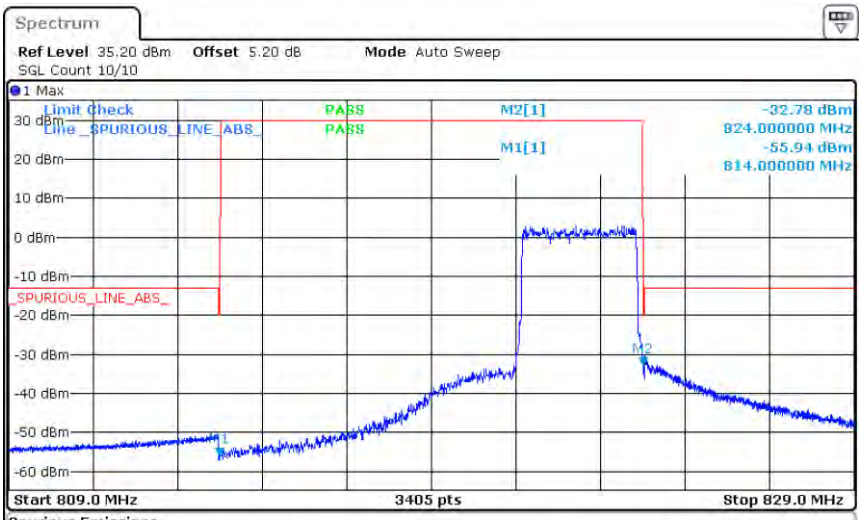
Band26-3MHz-64QAM-26775-15RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.79146 MHz	-50.31 dBm	-37.31 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.98013 MHz	-55.93 dBm	-35.93 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.56543 MHz	3.06 dBm	-26.94 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00028 MHz	-32.08 dBm	-12.08 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.04494 MHz	-30.16 dBm	-17.16 dB

Date: 4.SEP.2020 16:02:49

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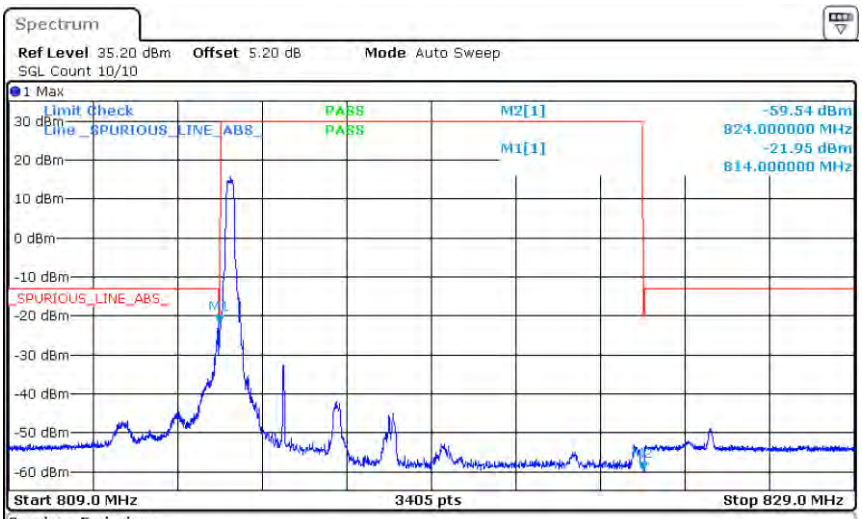
Band26-3MHz-16QAM-26705-1RB#0

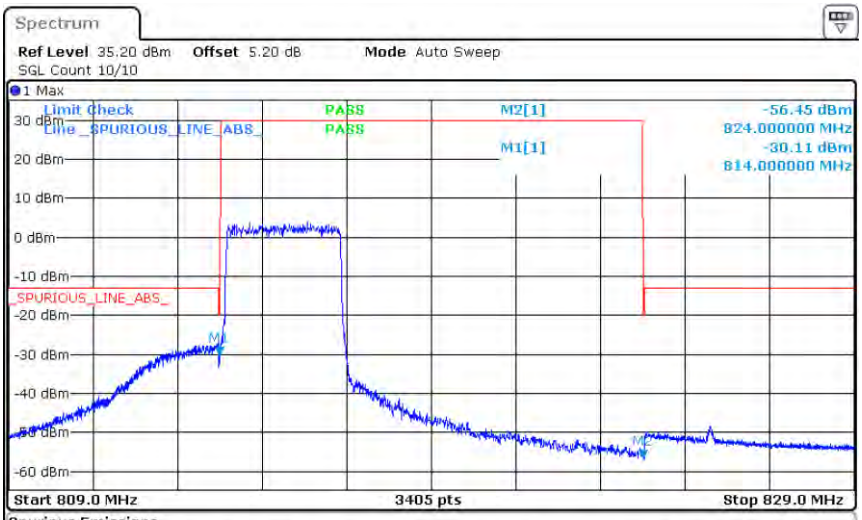


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-20.87 dBm	-7.87 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99823 MHz	-23.53 dBm	-3.53 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.23477 MHz	15.51 dBm	-14.49 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.02155 MHz	-58.94 dBm	-38.94 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.60656 MHz	-48.83 dBm	-35.83 dB

Date: 4.SEP.2020 15:56:25

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-26.24 dBm	-13.24 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99972 MHz	-30.07 dBm	-10.07 dB
814.000 MHz	824.000 MHz	30.000 kHz	816.07293 MHz	4.05 dBm	-25.95 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.02174 MHz	-55.25 dBm	-35.25 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.58673 MHz	-48.65 dBm	-35.65 dB

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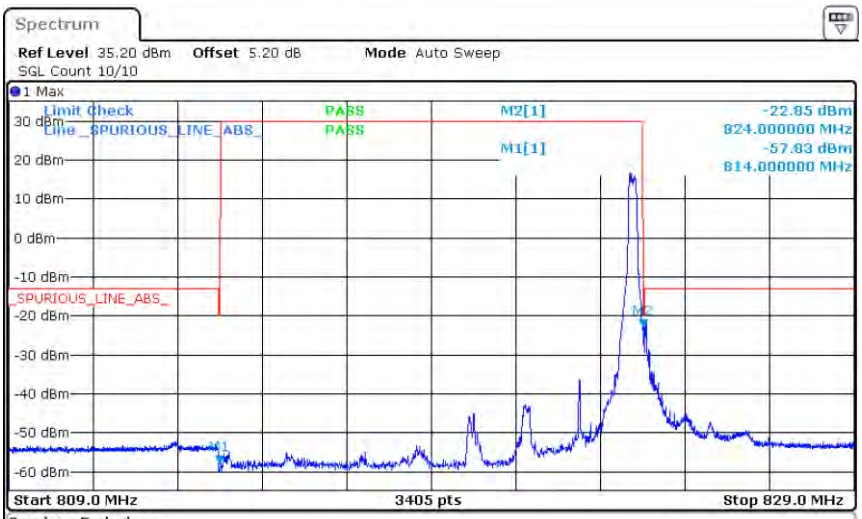
Band26-3MHz-16QAM-26775-1RB#14

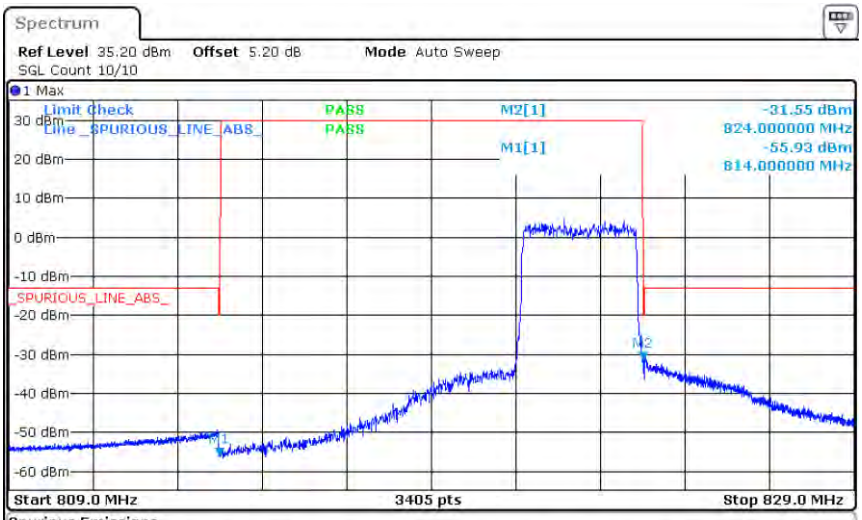


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	812.94373 MHz	-52.31 dBm	-39.31 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.96614 MHz	-59.16 dBm	-39.16 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.73526 MHz	16.48 dBm	-13.52 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00252 MHz	-22.70 dBm	-2.70 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.06972 MHz	-20.94 dBm	-7.94 dB

Date: 4.SEP.2020 15:58:20

Band26-3MHz-16QAM-26775-15RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.93523 MHz	-49.44 dBm	-36.44 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.97043 MHz	-55.05 dBm	-35.05 dB
814.000 MHz	824.000 MHz	30.000 kHz	822.14685 MHz	4.54 dBm	-25.46 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00065 MHz	-31.46 dBm	-11.46 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.04989 MHz	-29.41 dBm	-16.41 dB

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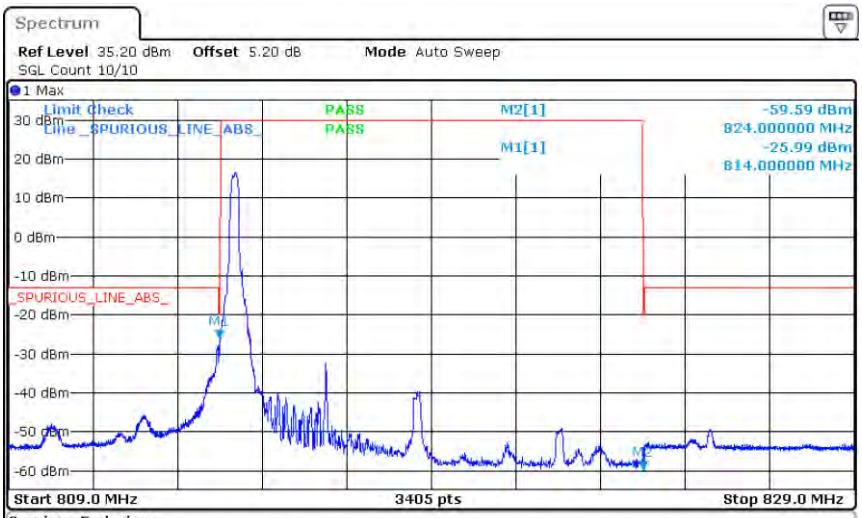
Band26-5MHz-QPSK-26715-1RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-27.78 dBm	-14.78 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99972 MHz	-26.56 dBm	-6.56 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.34466 MHz	16.58 dBm	-13.42 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.01185 MHz	-54.06 dBm	-34.06 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.60656 MHz	-49.33 dBm	-36.33 dB

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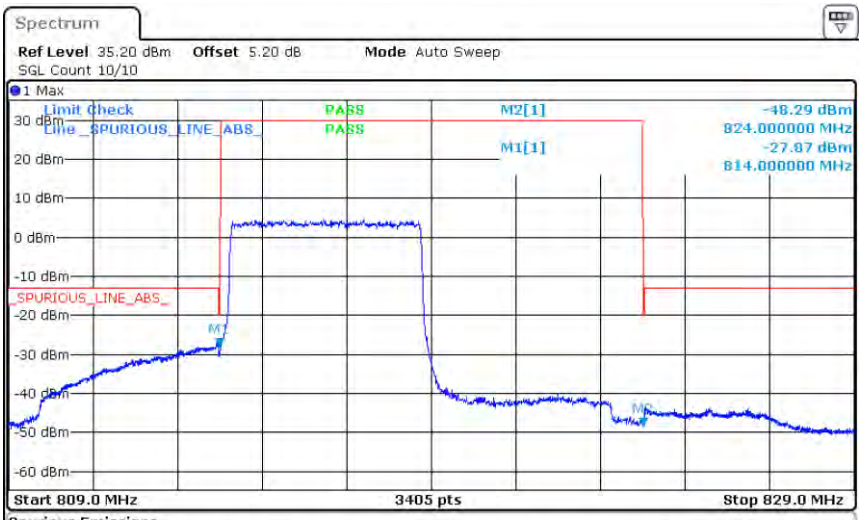
Band26-5MHz-QPSK-26715-25RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-26.33 dBm	-13.33 dB
813.962 MHz	814.000 MHz	50.000 kHz	813.99972 MHz	-29.26 dBm	-9.26 dB
814.000 MHz	824.000 MHz	50.000 kHz	816.44256 MHz	4.65 dBm	-25.35 dB
824.000 MHz	824.038 MHz	50.000 kHz	824.02174 MHz	-47.68 dBm	-27.68 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.04989 MHz	-43.70 dBm	-30.70 dB

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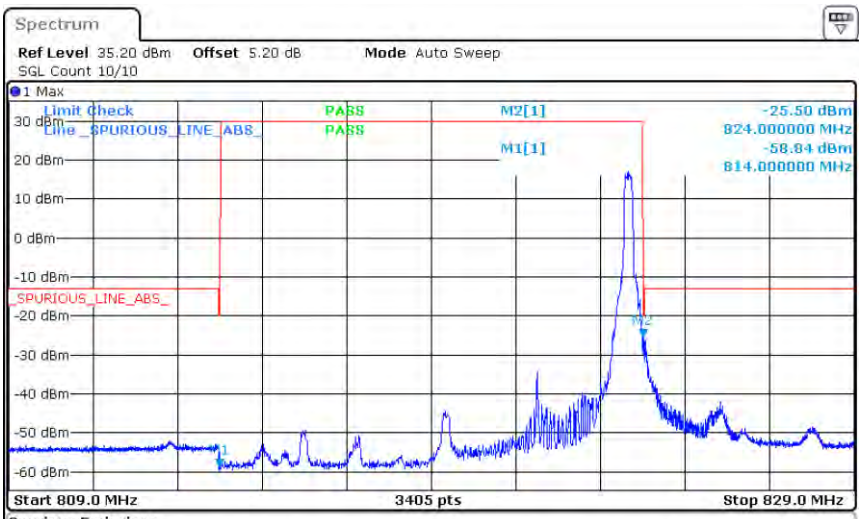
Band26-5MHz-QPSK-26765-1RB#24

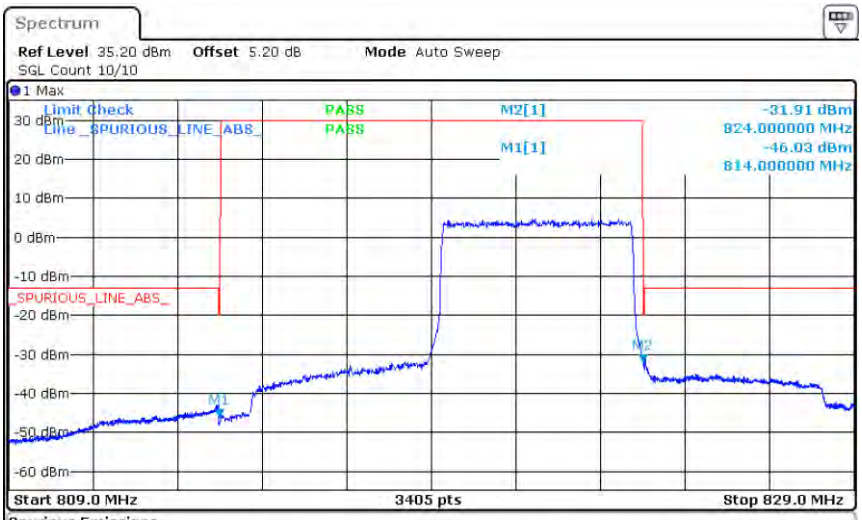


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	812.80491 MHz	-52.13 dBm	-39.13 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99188 MHz	-54.93 dBm	-34.93 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.64535 MHz	17.10 dBm	-12.90 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00009 MHz	-25.50 dBm	-5.50 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.04989 MHz	-26.12 dBm	-13.12 dB

Date: 4.SEP.2020 16:05:25

Band26-5MHz-QPSK-26765-25RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.92036 MHz	-43.04 dBm	-30.04 dB
813.962 MHz	814.000 MHz	50.000 kHz	813.99748 MHz	-47.35 dBm	-27.35 dB
814.000 MHz	824.000 MHz	50.000 kHz	823.42557 MHz	4.60 dBm	-25.40 dB
824.000 MHz	824.038 MHz	50.000 kHz	824.00364 MHz	-31.81 dBm	-11.81 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-31.30 dBm	-18.30 dB

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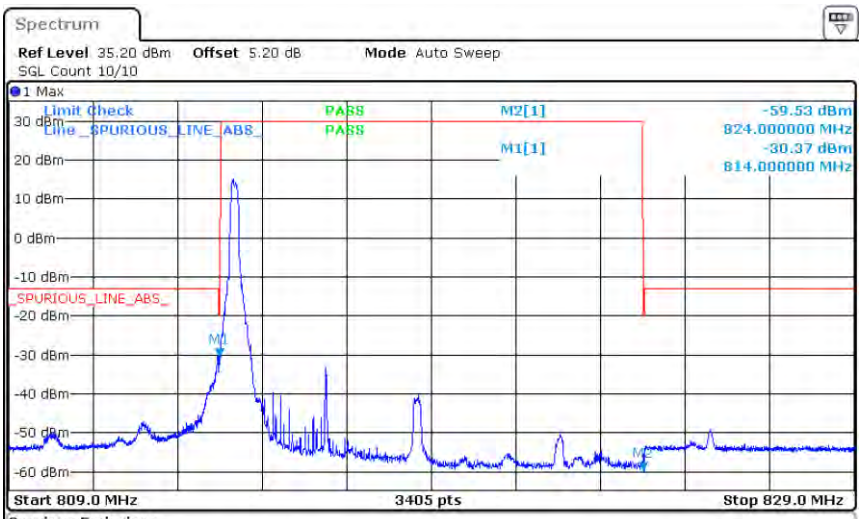
Band26-5MHz-64QAM-26715-1RB#0

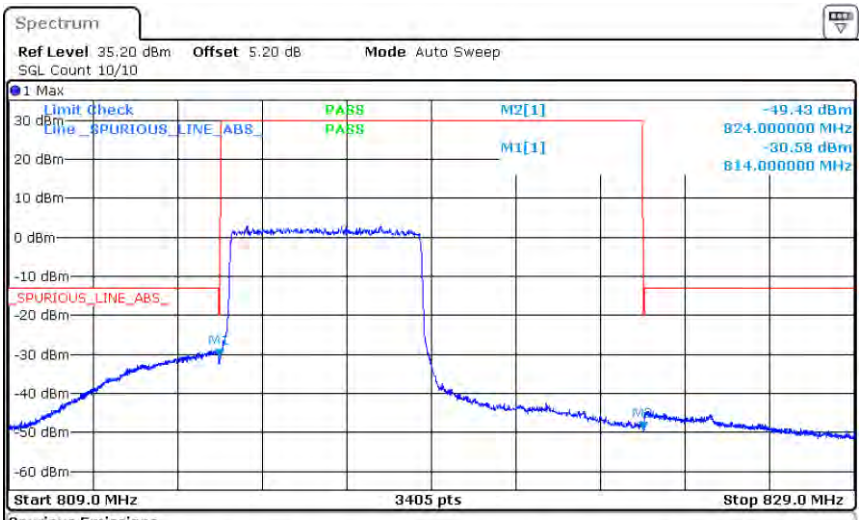


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-28.78 dBm	-15.78 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99916 MHz	-28.68 dBm	-8.68 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.31469 MHz	15.21 dBm	-14.79 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.02006 MHz	-55.47 dBm	-35.47 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.60160 MHz	-49.23 dBm	-36.23 dB

Date: 4.SEP.2020 16:04:45

Band26-5MHz-64QAM-26715-25RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.95506 MHz	-28.76 dBm	-15.76 dB
813.962 MHz	814.000 MHz	50.000 kHz	813.99991 MHz	-31.16 dBm	-11.16 dB
814.000 MHz	824.000 MHz	50.000 kHz	814.64436 MHz	3.05 dBm	-26.95 dB
824.000 MHz	824.038 MHz	50.000 kHz	824.01147 MHz	-48.74 dBm	-28.74 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.11930 MHz	-44.61 dBm	-31.61 dB

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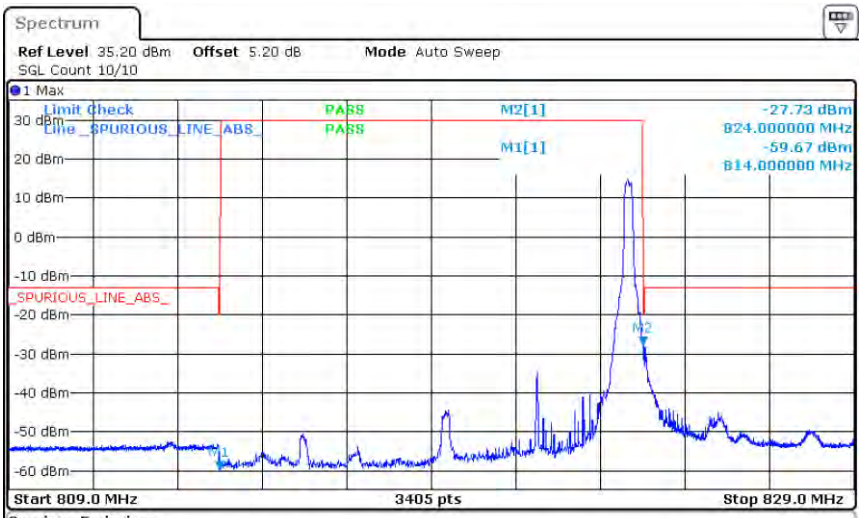
Band26-5MHz-64QAM-26765-1RB#24



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	812.75534 MHz	-52.66 dBm	-39.66 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99263 MHz	-55.15 dBm	-35.15 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.62537 MHz	14.64 dBm	-15.36 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00009 MHz	-27.73 dBm	-7.73 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-28.04 dBm	-15.04 dB

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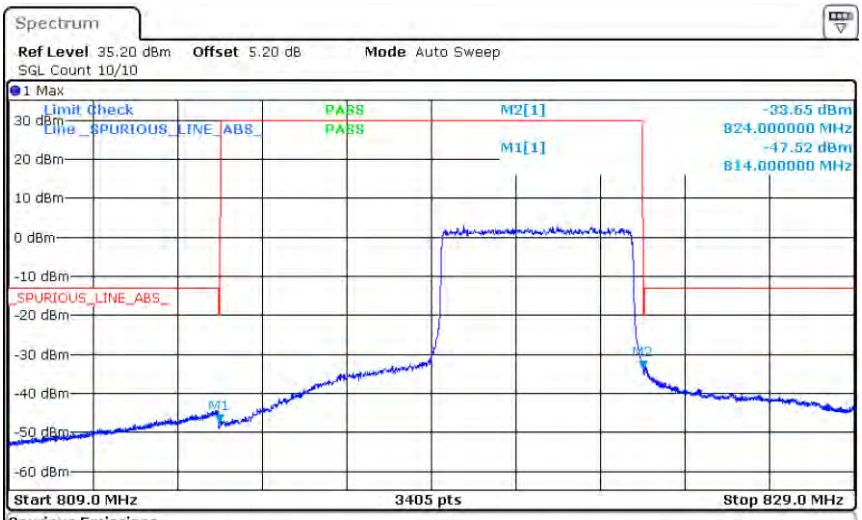
Band26-5MHz-64QAM-26765-25RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.87574 MHz	-44.38 dBm	-31.38 dB
813.962 MHz	814.000 MHz	50.000 kHz	813.96931 MHz	-48.31 dBm	-28.31 dB
814.000 MHz	824.000 MHz	50.000 kHz	819.75924 MHz	2.98 dBm	-27.02 dB
824.000 MHz	824.038 MHz	50.000 kHz	824.00047 MHz	-33.43 dBm	-13.43 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-32.04 dBm	-19.04 dB

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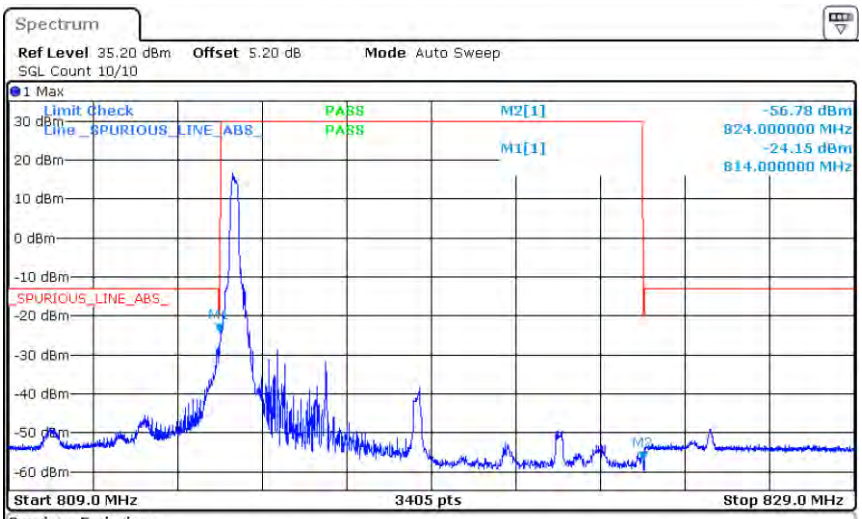
Band26-5MHz-16QAM-26715-1RB#0

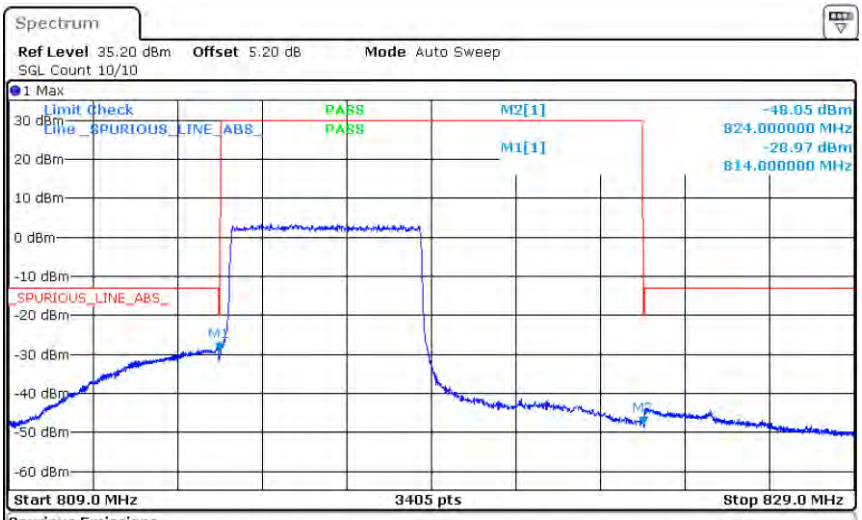


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.95506 MHz	-27.95 dBm	-14.95 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99991 MHz	-26.78 dBm	-6.78 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.29471 MHz	16.76 dBm	-13.24 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.01035 MHz	-54.99 dBm	-34.99 dB
824.038 MHz	829.000 MHz	100.000 kHz	825.59169 MHz	-48.97 dBm	-35.97 dB

Date: 4.SEP.2020 16:04:07

Band26-5MHz-16QAM-26715-25RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.95506 MHz	-27.71 dBm	-14.71 dB
813.962 MHz	814.000 MHz	50.000 kHz	813.99991 MHz	-30.11 dBm	-10.11 dB
814.000 MHz	824.000 MHz	50.000 kHz	815.19381 MHz	3.38 dBm	-26.62 dB
824.000 MHz	824.038 MHz	50.000 kHz	824.02603 MHz	-47.95 dBm	-27.95 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.09947 MHz	-43.76 dBm	-30.76 dB

Date: 4.SEP.2020 16:07:58

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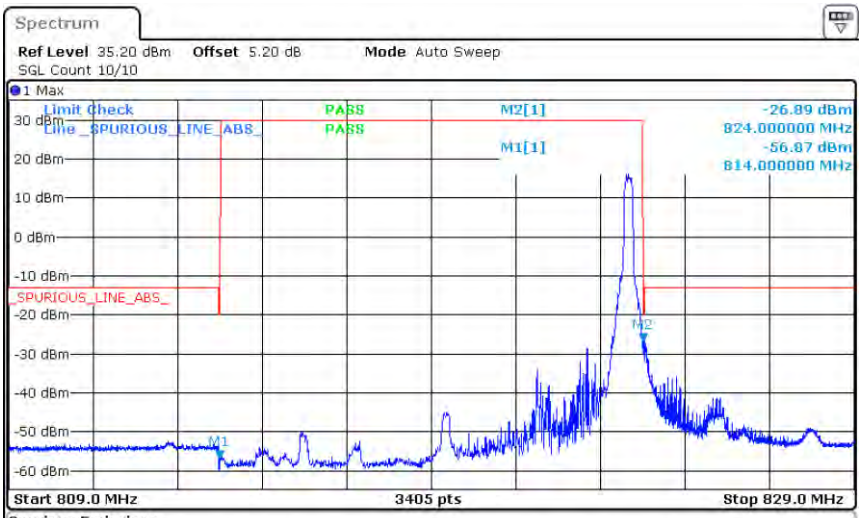
Band26-5MHz-16QAM-26765-1RB#24

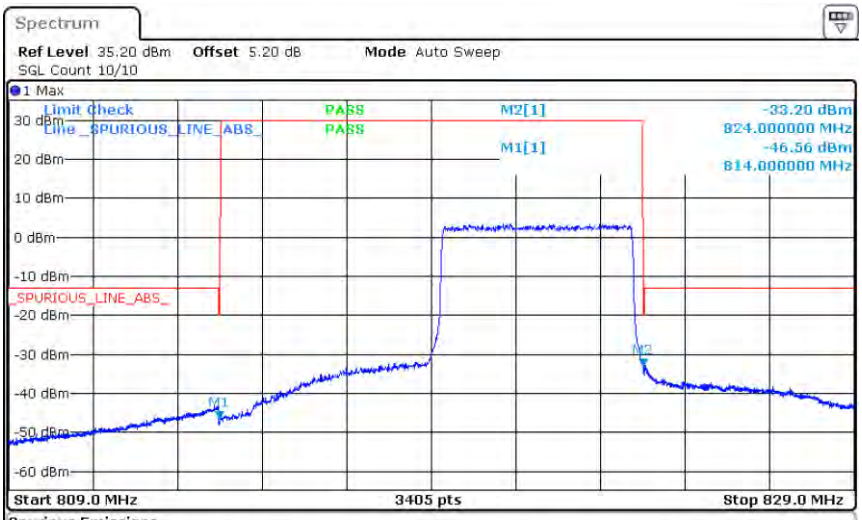


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	812.78013 MHz	-52.42 dBm	-39.42 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.98181 MHz	-55.04 dBm	-35.04 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.59540 MHz	16.28 dBm	-13.72 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00009 MHz	-26.89 dBm	-6.89 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.04494 MHz	-26.33 dBm	-13.33 dB

Date: 4.SEP.2020 16:06:03

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



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.95506 MHz	-43.16 dBm	-30.16 dB
813.962 MHz	814.000 MHz	50.000 kHz	813.98554 MHz	-47.21 dBm	-27.21 dB
814.000 MHz	824.000 MHz	50.000 kHz	820.70829 MHz	3.49 dBm	-26.51 dB
824.000 MHz	824.038 MHz	50.000 kHz	824.00121 MHz	-33.06 dBm	-13.06 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.04494 MHz	-32.33 dBm	-19.33 dB

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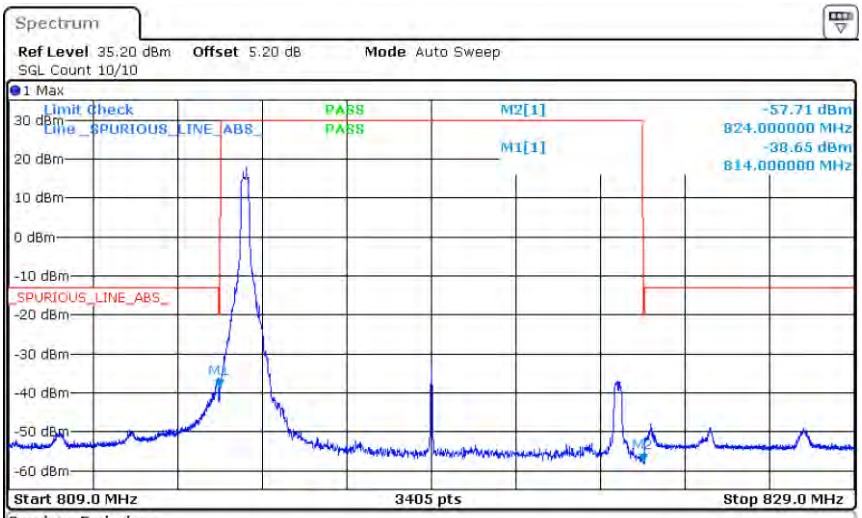
Band26-10MHz-QPSK-26740_Left-1RB#0

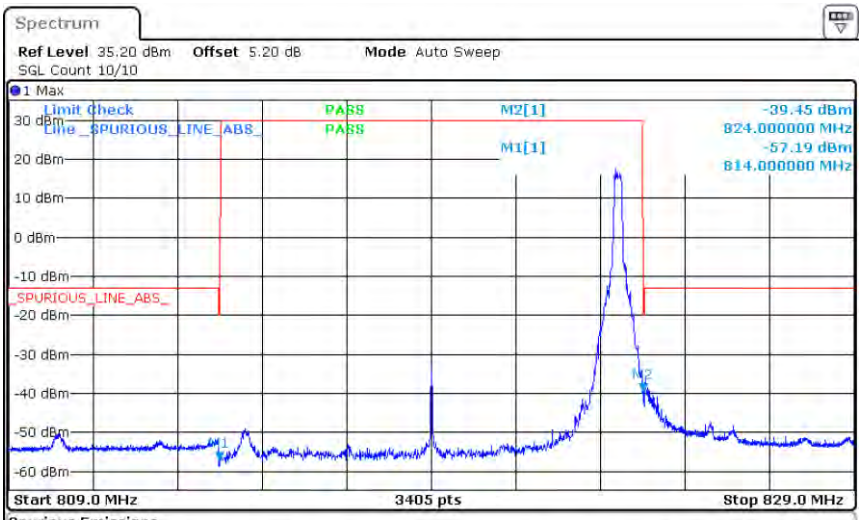


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-36.05 dBm	-23.05 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99991 MHz	-38.96 dBm	-18.96 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.62438 MHz	17.85 dBm	-12.15 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.01558 MHz	-57.00 dBm	-37.00 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.17879 MHz	-47.94 dBm	-34.94 dB

Date: 4.SEP.2020 16:11:12

Band26-10MHz-QPSK-26740_Right-1RB#49



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	810.21212 MHz	-50.50 dBm	-37.50 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99300 MHz	-57.52 dBm	-37.52 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.34565 MHz	17.57 dBm	-12.43 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00084 MHz	-38.39 dBm	-18.39 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.05981 MHz	-35.67 dBm	-22.67 dB

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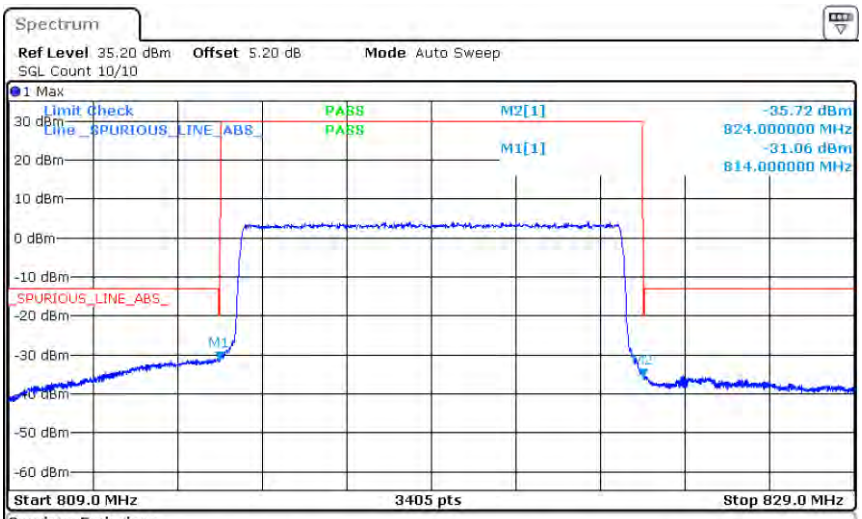
Band26-10MHz-QPSK-26740_Right-50RB#0

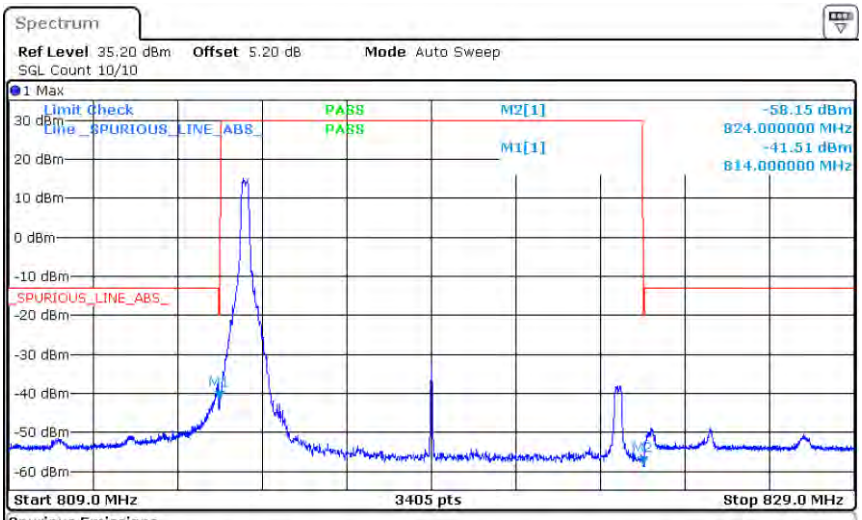


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.95011 MHz	-30.80 dBm	-17.80 dB
813.962 MHz	814.000 MHz	100.000 kHz	813.99450 MHz	-31.38 dBm	-11.38 dB
814.000 MHz	824.000 MHz	100.000 kHz	822.71628 MHz	4.15 dBm	-25.85 dB
824.000 MHz	824.038 MHz	100.000 kHz	824.00177 MHz	-35.66 dBm	-15.66 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.95217 MHz	-35.41 dBm	-22.41 dB

Date: 4.SEP.2020 16:15:02

Band26-10MHz-64QAM-26740_Left-1RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.94515 MHz	-37.61 dBm	-24.61 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99879 MHz	-40.99 dBm	-20.99 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.54446 MHz	15.09 dBm	-14.91 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.03517 MHz	-57.60 dBm	-37.60 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.19366 MHz	-48.72 dBm	-35.72 dB

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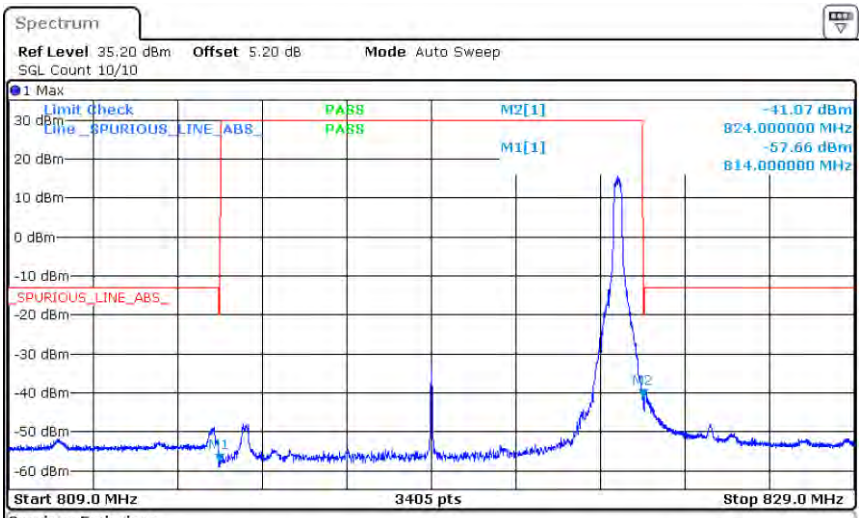
Band26-10MHz-64QAM-26740_Right-1RB#49

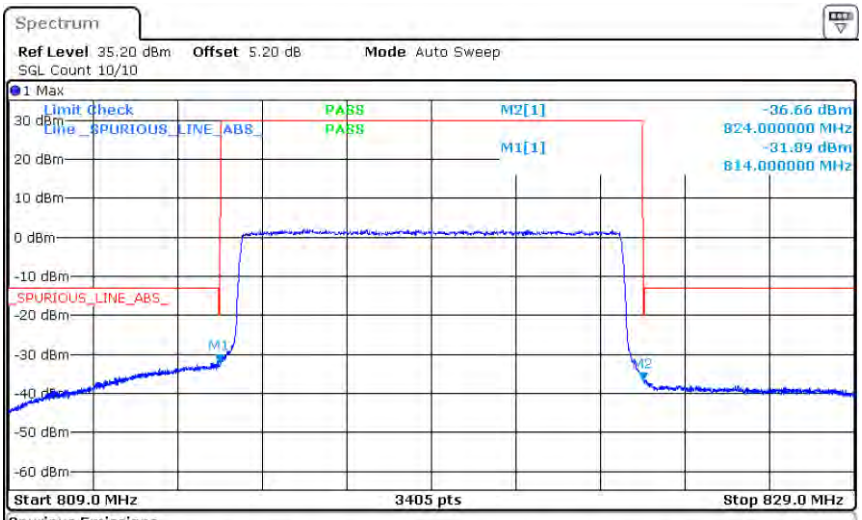


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.85591 MHz	-48.87 dBm	-35.87 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99991 MHz	-58.05 dBm	-38.05 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.41558 MHz	15.61 dBm	-14.39 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00159 MHz	-40.90 dBm	-20.90 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.03998 MHz	-38.82 dBm	-25.82 dB

Date: 4.SEP.2020 16:14:22

Band26-10MHz-64QAM-26740_Right-50RB#0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.95506 MHz	-31.79 dBm	-18.79 dB
813.962 MHz	814.000 MHz	100.000 kHz	813.99841 MHz	-32.77 dBm	-12.77 dB
814.000 MHz	824.000 MHz	100.000 kHz	815.99301 MHz	2.20 dBm	-27.80 dB
824.000 MHz	824.038 MHz	100.000 kHz	824.00308 MHz	-36.61 dBm	-16.61 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.04494 MHz	-36.04 dBm	-23.04 dB

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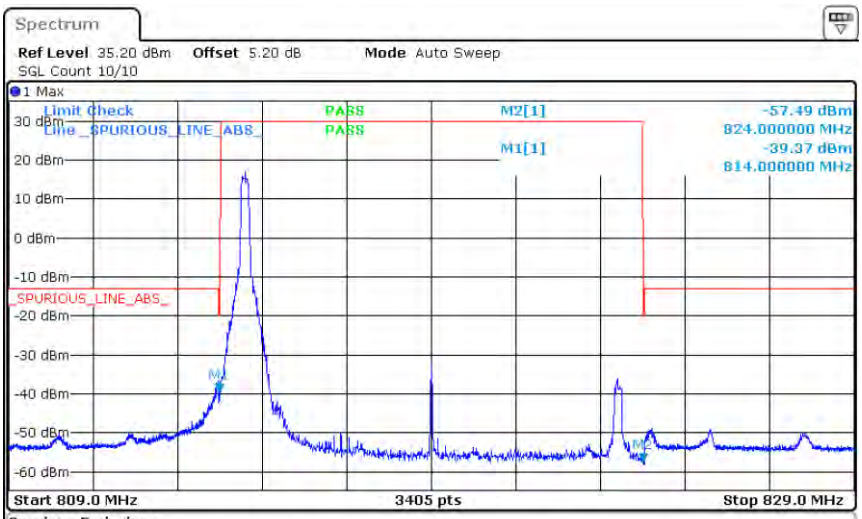
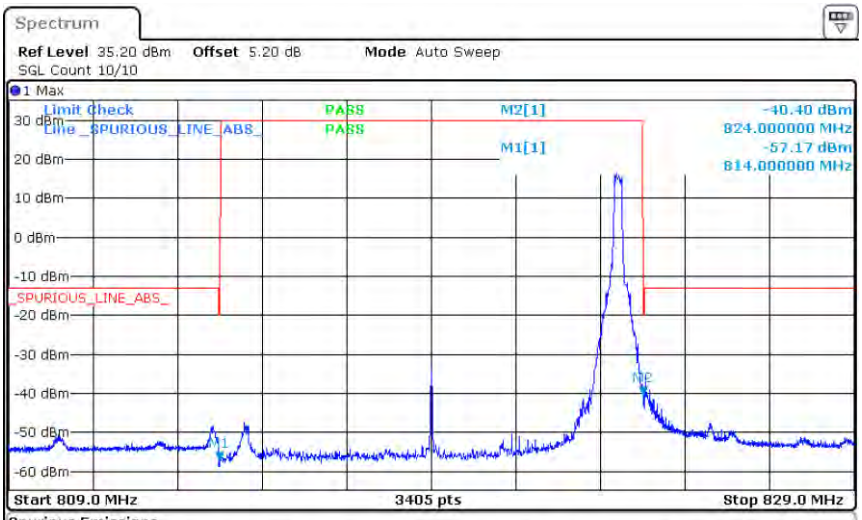


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.95506 MHz	-36.84 dBm	-23.84 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99860 MHz	-39.27 dBm	-19.27 dB
814.000 MHz	824.000 MHz	30.000 kHz	814.58442 MHz	17.10 dBm	-12.90 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.03554 MHz	-57.23 dBm	-37.23 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.20358 MHz	-48.93 dBm	-35.93 dB

Date: 4.SEP.2020 16:12:28

Band26-10MHz-16QAM-26740_Right-1RB#49



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.81129 MHz	-48.54 dBm	-35.54 dB
813.962 MHz	814.000 MHz	30.000 kHz	813.99226 MHz	-57.55 dBm	-37.55 dB
814.000 MHz	824.000 MHz	30.000 kHz	823.38561 MHz	16.46 dBm	-13.54 dB
824.000 MHz	824.038 MHz	30.000 kHz	824.00177 MHz	-39.81 dBm	-19.81 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.05981 MHz	-35.41 dBm	-22.41 dB

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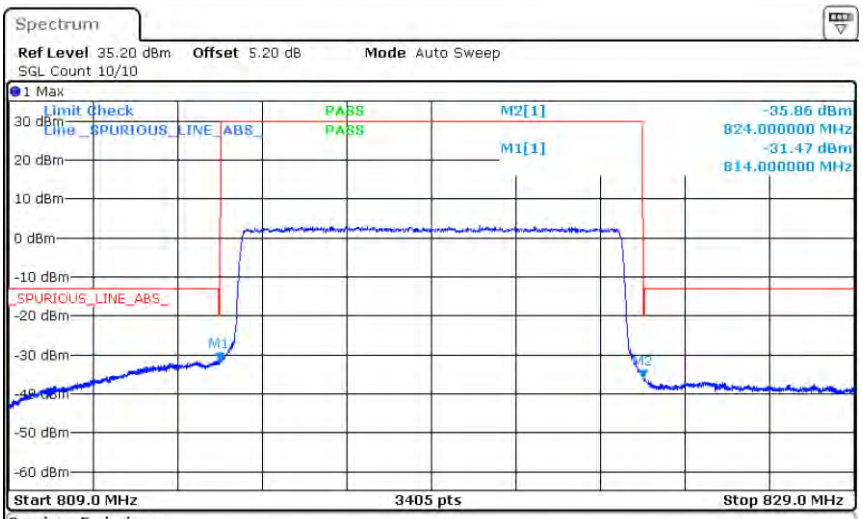

Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
809.000 MHz	813.962 MHz	100.000 kHz	813.96002 MHz	-31.41 dBm	-18.41 dB
813.962 MHz	814.000 MHz	100.000 kHz	813.98983 MHz	-31.99 dBm	-11.99 dB
814.000 MHz	824.000 MHz	100.000 kHz	820.13886 MHz	3.17 dBm	-26.83 dB
824.000 MHz	824.038 MHz	100.000 kHz	824.00047 MHz	-35.81 dBm	-15.81 dB
824.038 MHz	829.000 MHz	100.000 kHz	824.04494 MHz	-36.30 dBm	-23.30 dB

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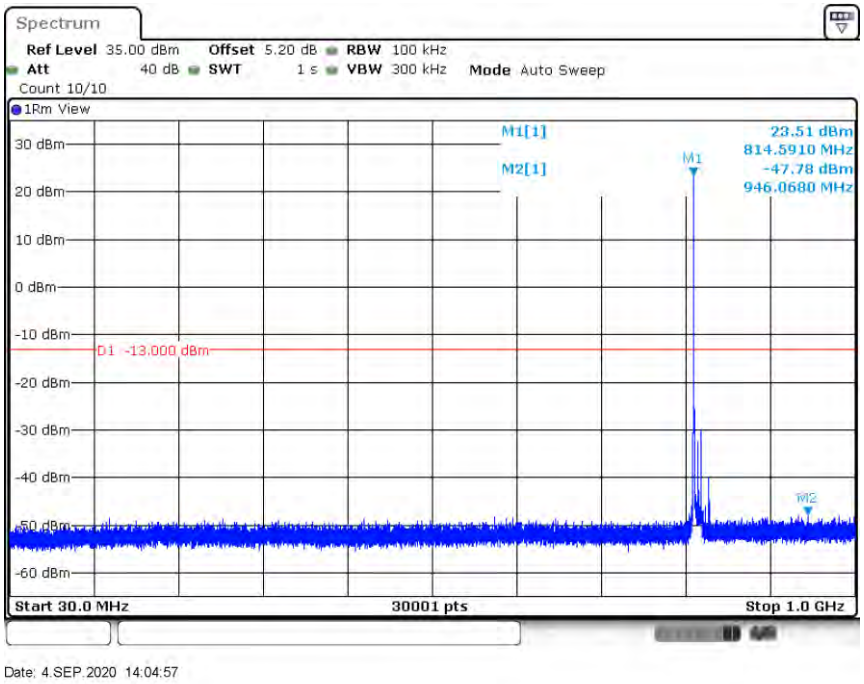
6. Spurious Emission at Antenna Terminal

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

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

6.1. Test Plots

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



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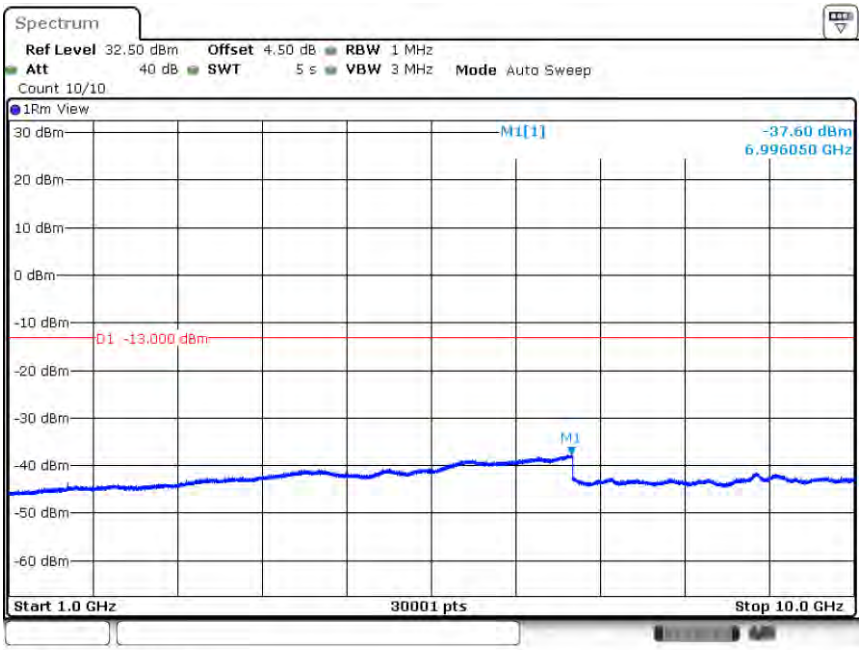
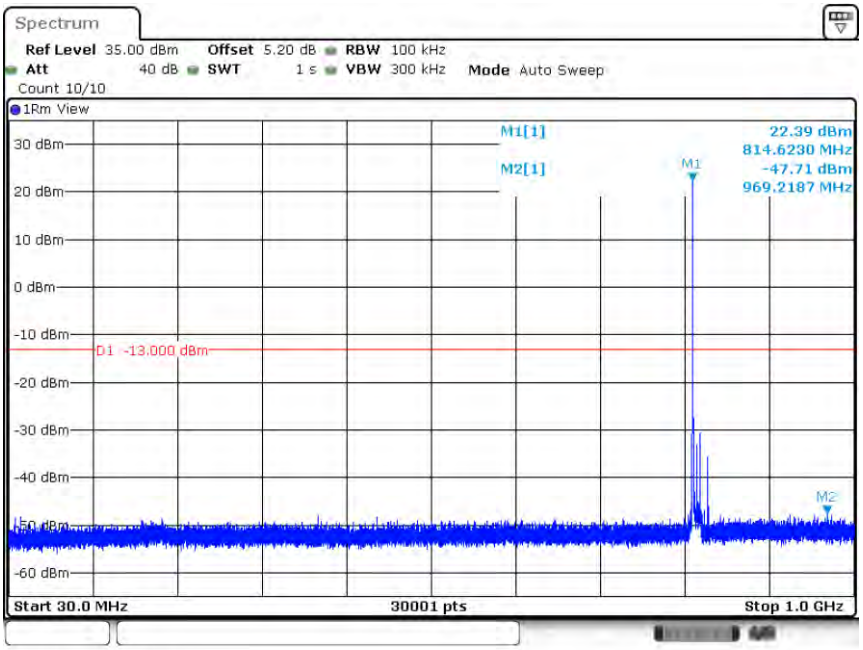
Band26-10MHz-QPSK-26740-1RB#0-Range1:1000~10000MHz



Date: 3.SEP.2020 23:30:02

Band26-10MHz-64QAM-26740-1RB#0-Range1:30~1000MHz



Date: 4.SEP.2020 14:06:44

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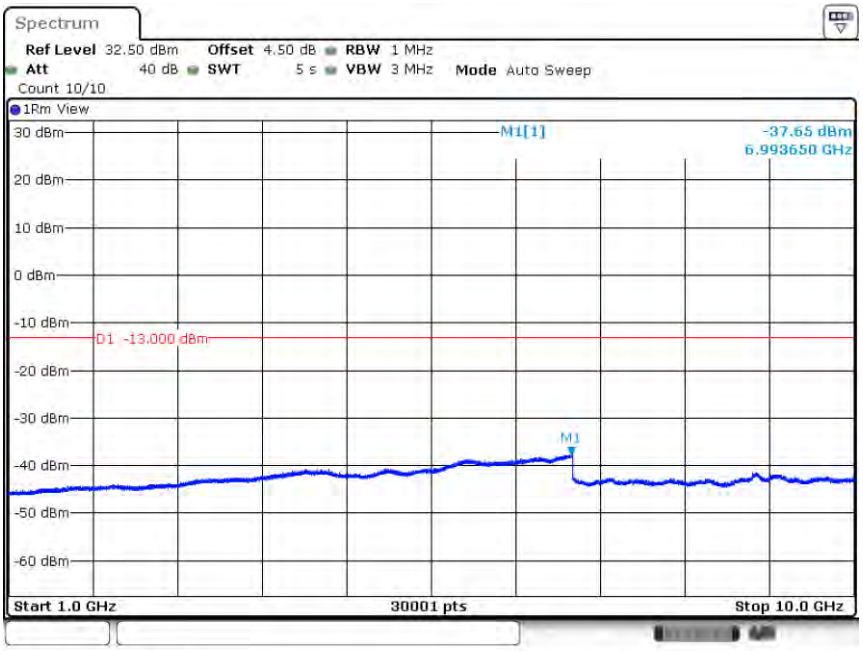
Band26-10MHz-64QAM-26740-1RB#0-Range1:1000~10000MHz



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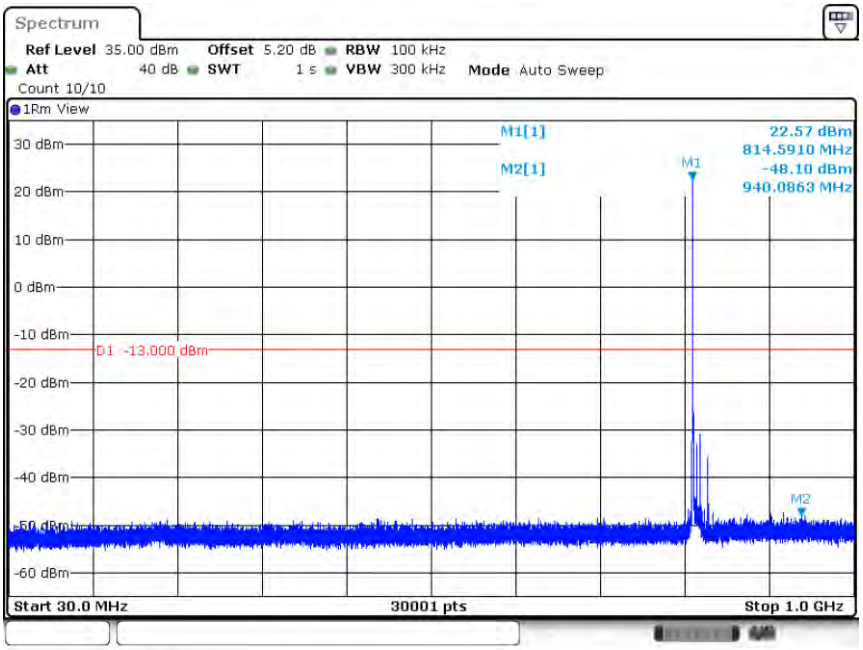
Band26-10MHz-16QAM-26740-1RB#0-Range1:30~1000MHz



Date: 4.SEP.2020 14:05:17

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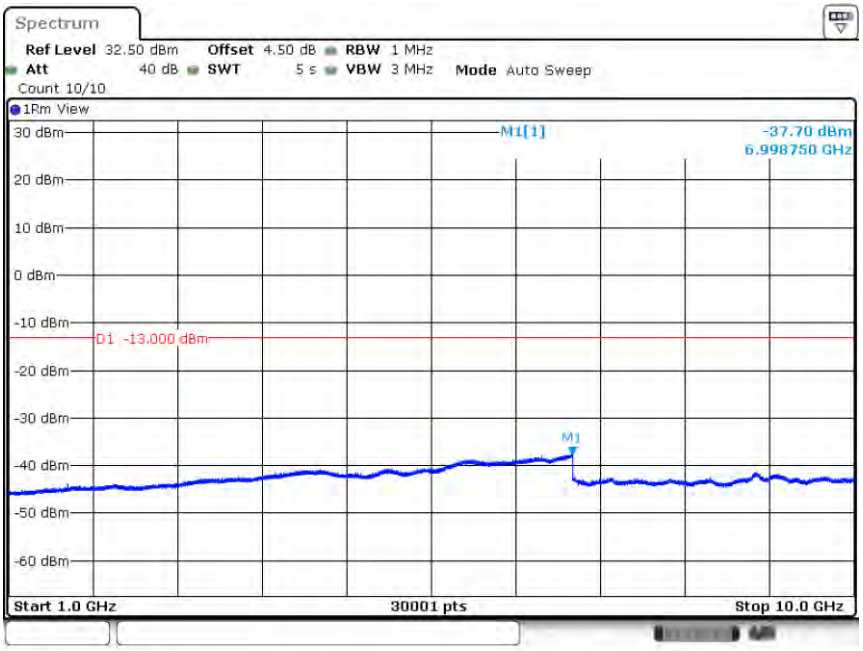
Band26-10MHz-16QAM-26740-1RB#0-Range1:1000~10000MHz



Date: 3.SEP.2020 23:31:14

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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 10MHz

7.1.1.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
47.0729	-71.72	-13.00	58.72	Vertical
116.5768	-63.02	-13.00	50.02	Vertical
403.5657	-65.68	-13.00	52.68	Vertical
1723.7447	-60.63	-13.00	47.63	Vertical
2697.1394	-52.09	-13.00	39.09	Vertical
9743.0914	-49.27	-13.00	36.27	Vertical
43.5322	-61.79	-13.00	48.79	Horizontal
112.6481	-73.24	-13.00	60.24	Horizontal
243.6047	-65.59	-13.00	52.59	Horizontal
1629.3259	-58.27	-13.00	45.27	Horizontal
2698.3397	-50.96	-13.00	37.96	Horizontal
9328.2109	-49.55	-13.00	36.55	Horizontal

Remark:

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

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

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

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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	VL	NT	-4.10	-0.005006	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VN	NT	-0.90	-0.001099	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VH	NT	0.10	0.000122	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VL	NT	-2.90	-0.003541	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VN	NT	-2.60	-0.003175	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	VH	NT	-1.40	-0.001709	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VL	NT	-2.20	-0.002686	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VN	NT	-3.70	-0.004518	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	VH	NT	-1.90	-0.002320	±2.5	PASS

8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	NV	-30	-0.90	-0.001099	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-20	-0.70	-0.000855	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-10	-1.00	-0.001221	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	0	0.20	0.000244	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	10	-0.60	-0.000733	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	20	0.40	0.000488	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	30	-1.80	-0.002198	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	40	-3.10	-0.003785	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	50	-3.00	-0.003663	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	-30	-0.80	-0.000977	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	-20	-1.20	-0.001465	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	-10	0.10	0.000122	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	0	0.20	0.000244	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	10	-2.10	-0.002564	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	20	0.30	0.000366	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	30	-0.30	-0.000366	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	40	-0.70	-0.000855	±2.5	PASS
Band26	10MHz	64QAM	26740	50RB#0	NV	50	-1.00	-0.001221	±2.5	PASS

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Band26	10MHz	16QAM	26740	50RB#0	NV	-30	-2.50	-0.003053	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-20	-2.40	-0.002930	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	-10	-1.10	-0.001343	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	0	-2.30	-0.002808	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	10	1.50	0.001832	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	20	-0.80	-0.000977	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	30	-0.50	-0.000611	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	40	-0.80	-0.000977	±2.5	PASS
Band26	10MHz	16QAM	26740	50RB#0	NV	50	0.70	0.000855	±2.5	PASS

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